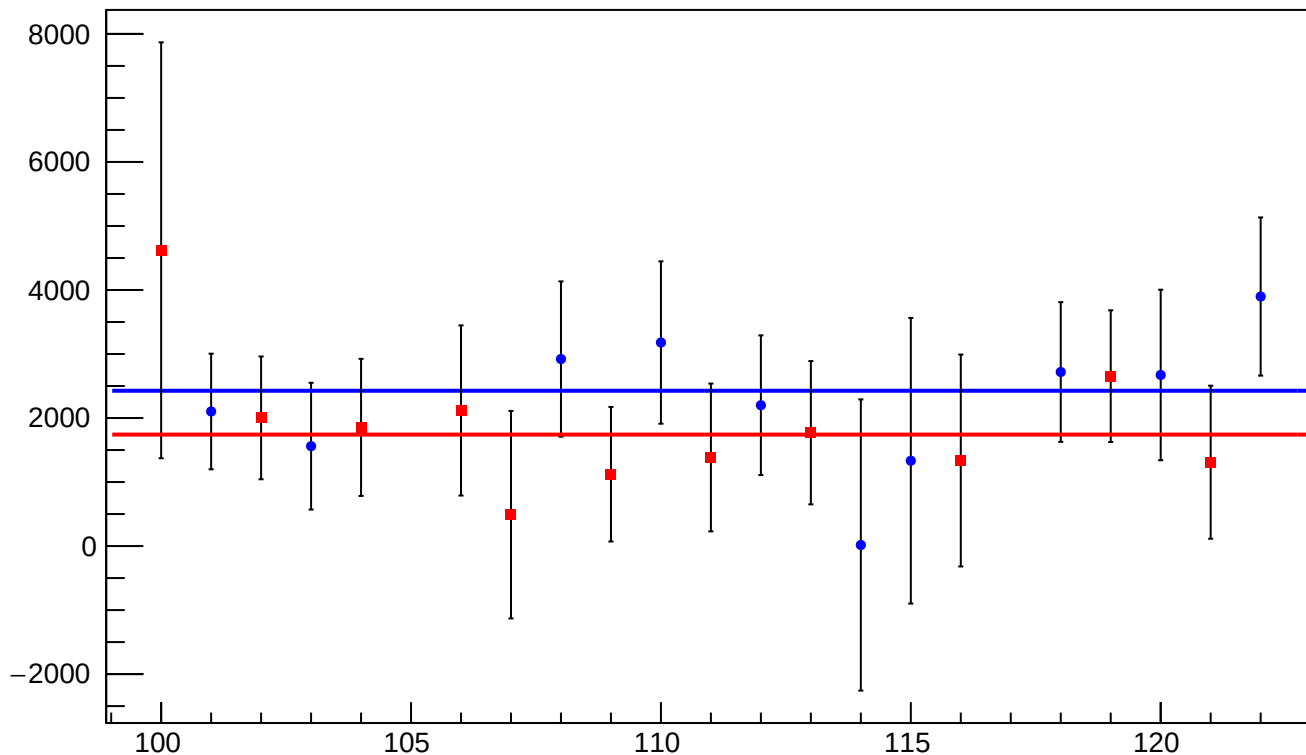


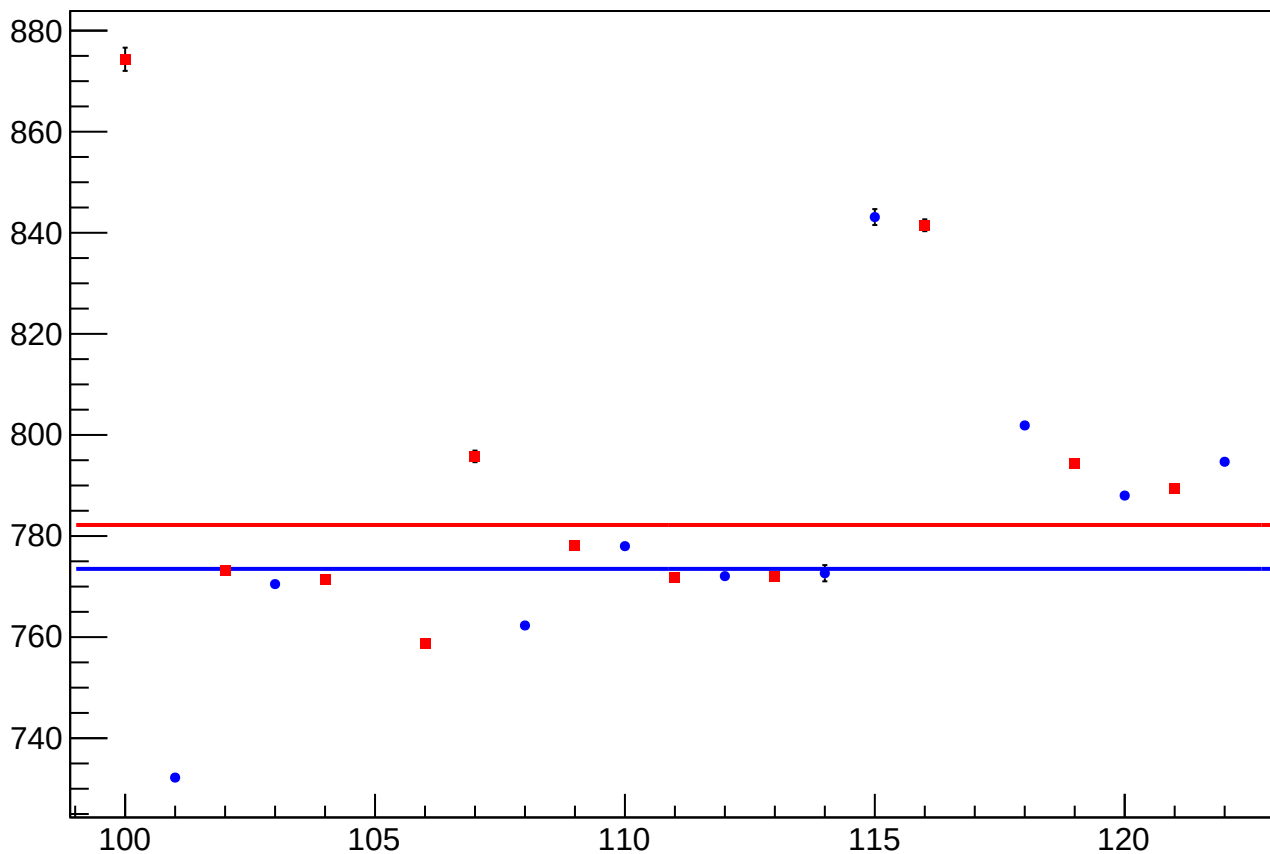
reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2425.951+/-382.326 χ^2/NDF : 4.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1741.123+/-366.008 χ^2/NDF : 3.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2068.611+/-264.387 χ^2/NDF : 9.0/20
 In: 2425.951+/-382.326 χ^2/NDF : 4.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2068.611+/-264.387 χ^2/NDF : 9.0/20

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 773.501+/-0.270 χ^2/NDF : 8526.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

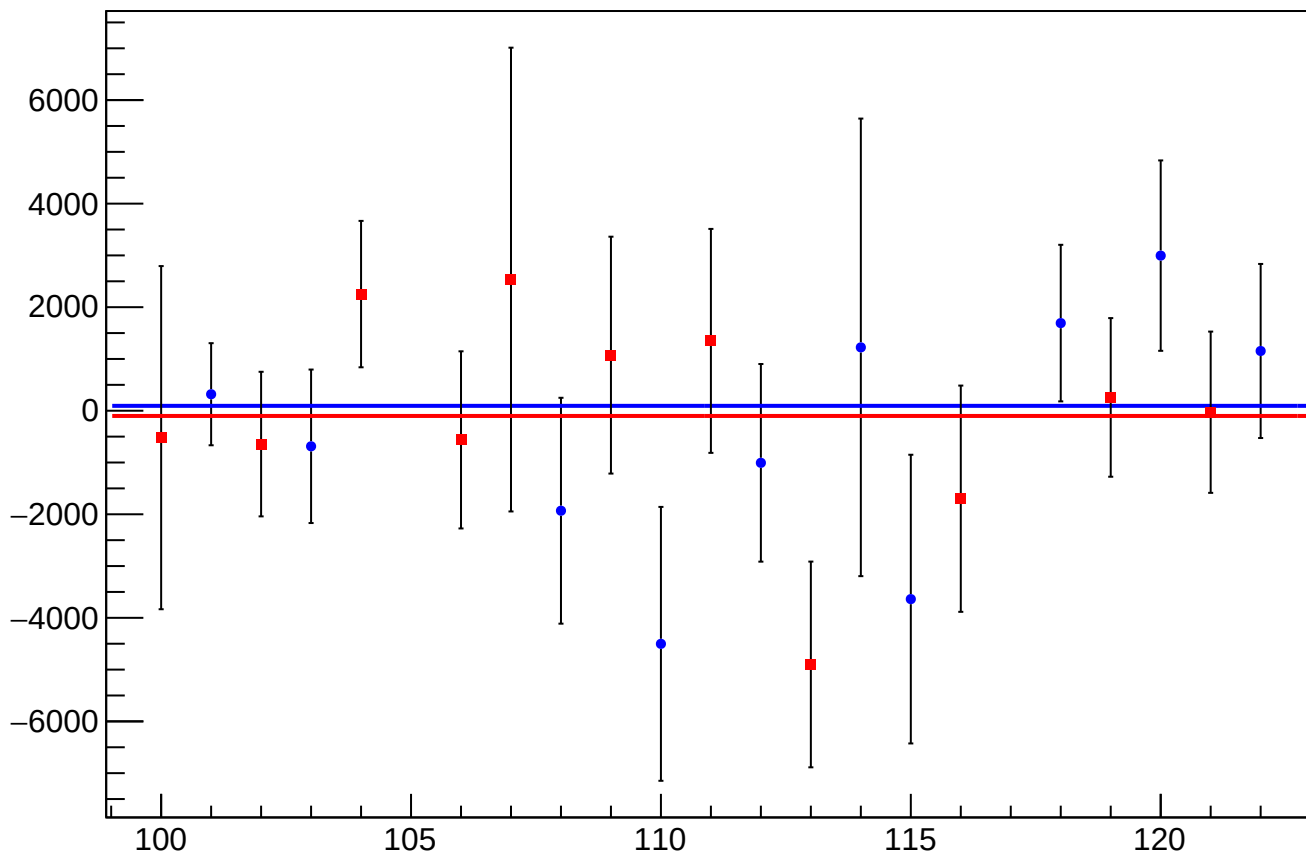
Right: 778.034+/-0.187 χ^2/NDF : 15085.0/20

In: 773.501+/-0.270 χ^2/NDF : 8526.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.034+/-0.187 χ^2/NDF : 15085.0/20

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 94.460+/-544.067 χ^2/NDF : 10.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

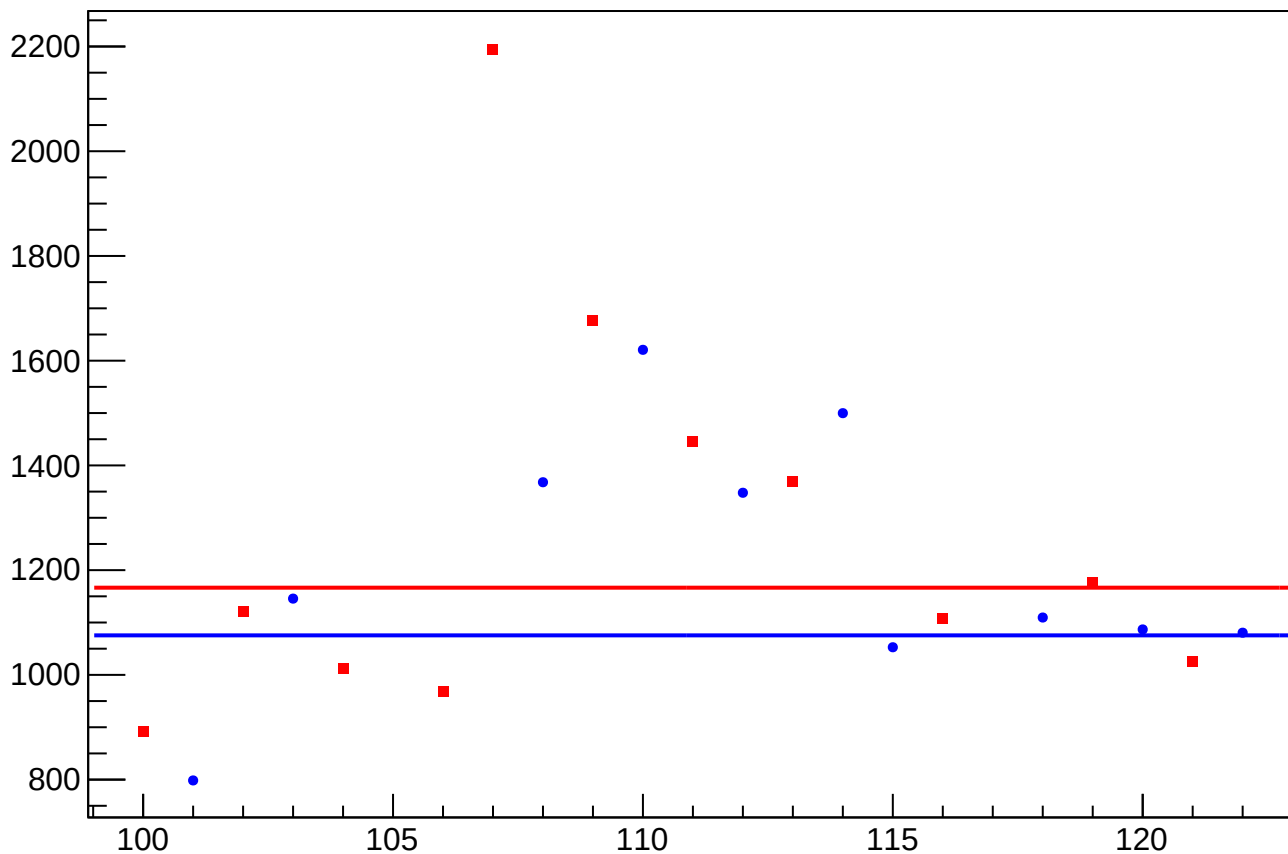
Right: -0.585+/-389.838 χ^2/NDF : 21.0/20

In: 94.460+/-544.067 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.585+/-389.838 χ^2/NDF : 21.0/20

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1075.458+/-0.385 χ^2/NDF : 343716.9/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

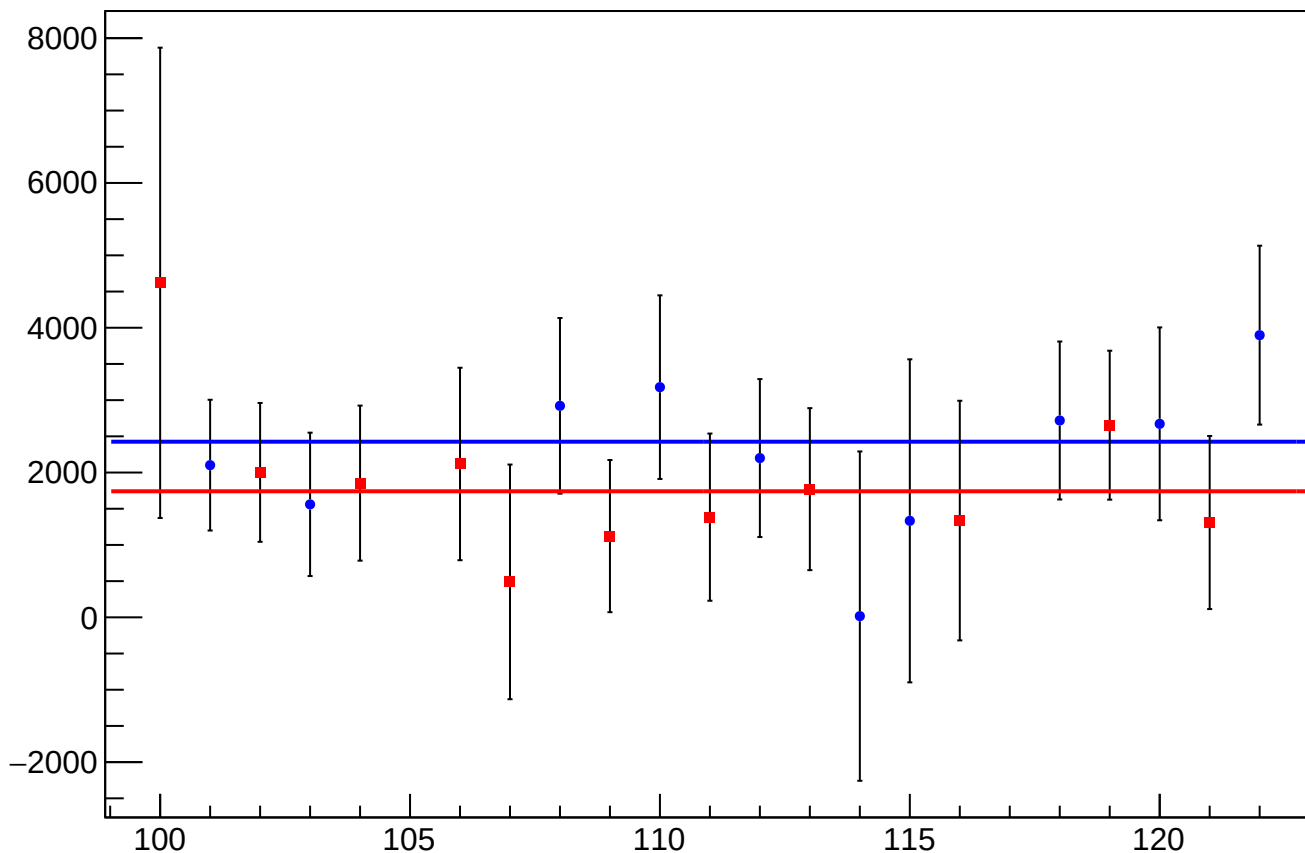
Right: 1119.767+/-0.276 χ^2/NDF : 714433.9/20

In: 1075.458+/-0.385 χ^2/NDF : 343716.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.767+/-0.276 χ^2/NDF : 714433.9/20

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2425.951+/-382.326 χ^2/NDF : 4.3/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

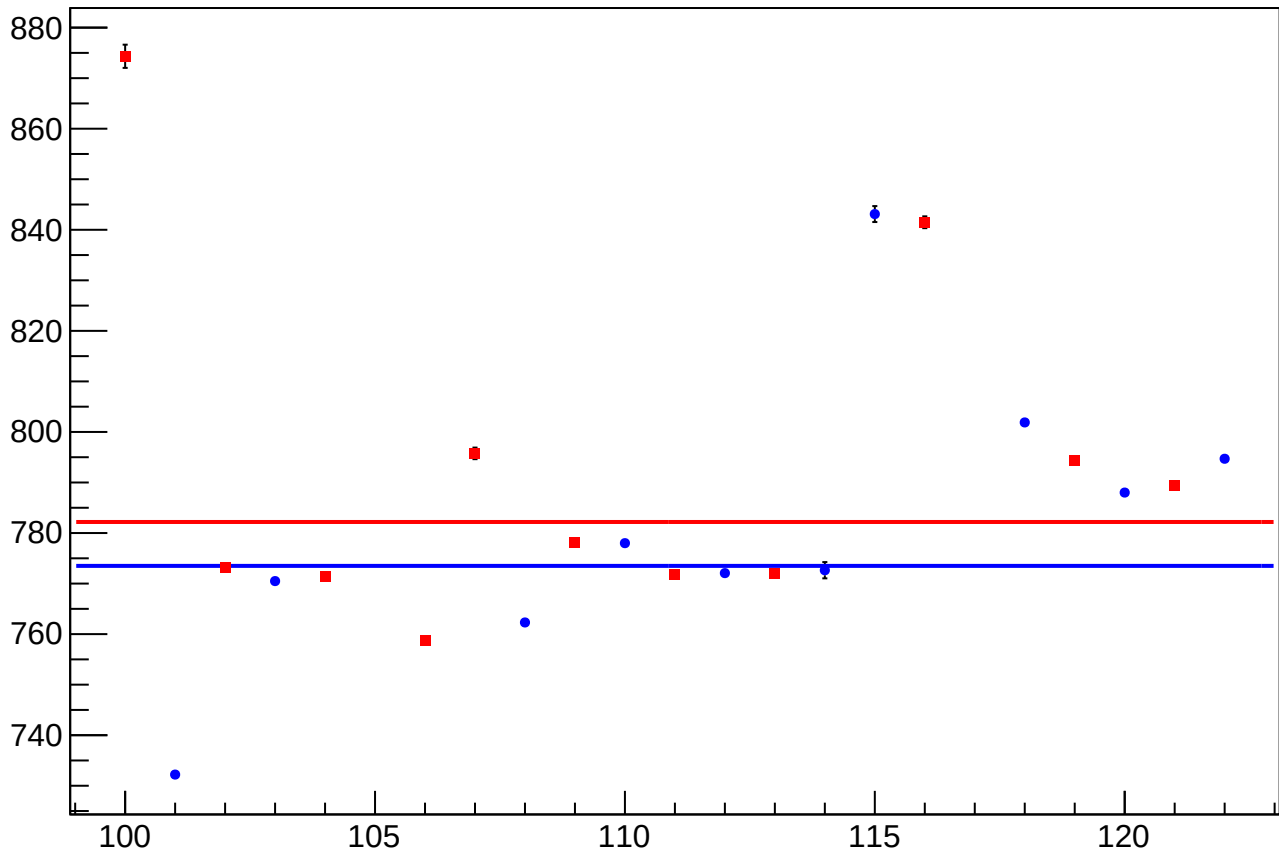
Right: 2068.611+/-264.387 χ^2/NDF : 9.0/20

In: 2425.951+/-382.326 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.611+/-264.387 χ^2/NDF : 9.0/20

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 773.501+/-0.270 χ^2/NDF : 8526.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

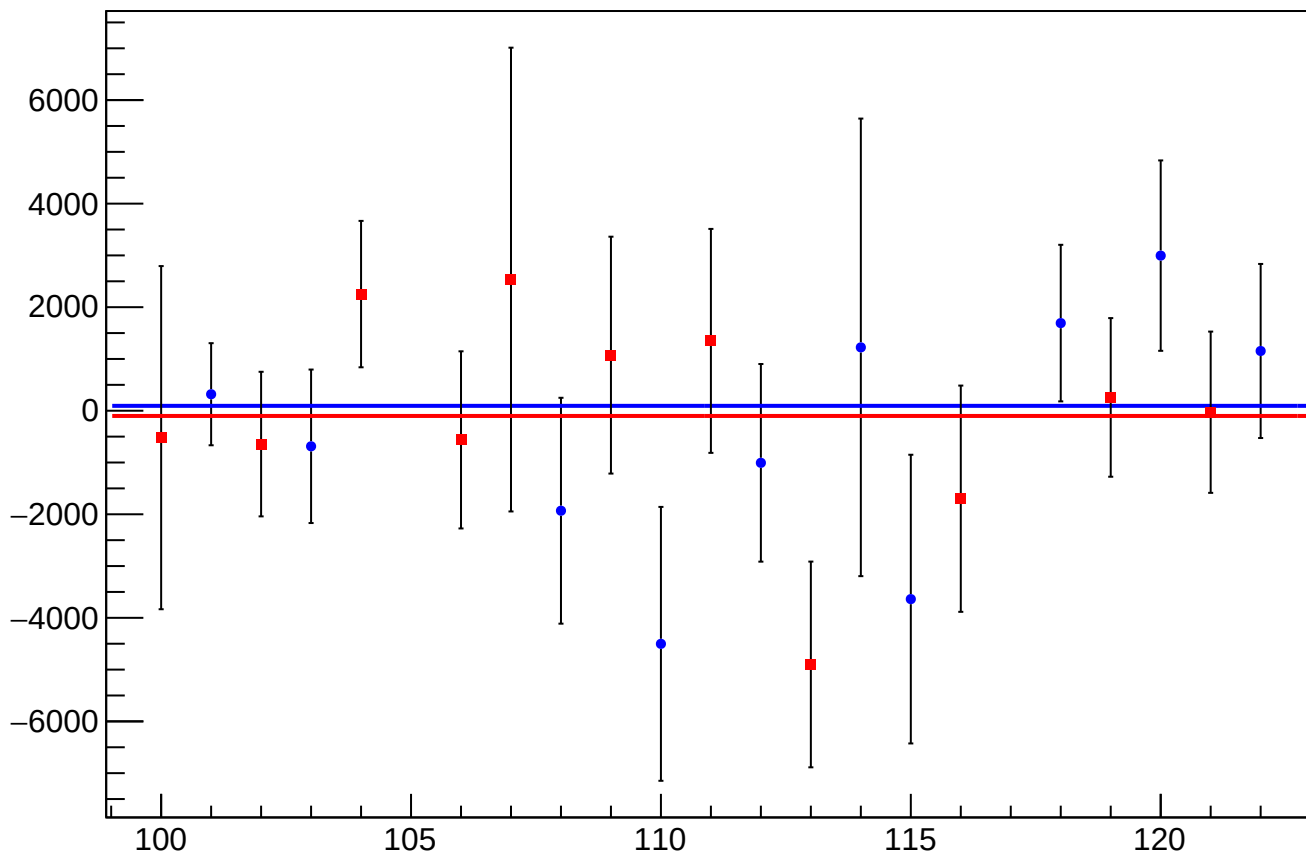
Right: 778.034+/-0.187 χ^2/NDF : 15085.0/20

In: 773.501+/-0.270 χ^2/NDF : 8526.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.034+/-0.187 χ^2/NDF : 15085.0/20

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 94.460+/-544.067 χ^2/NDF : 10.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

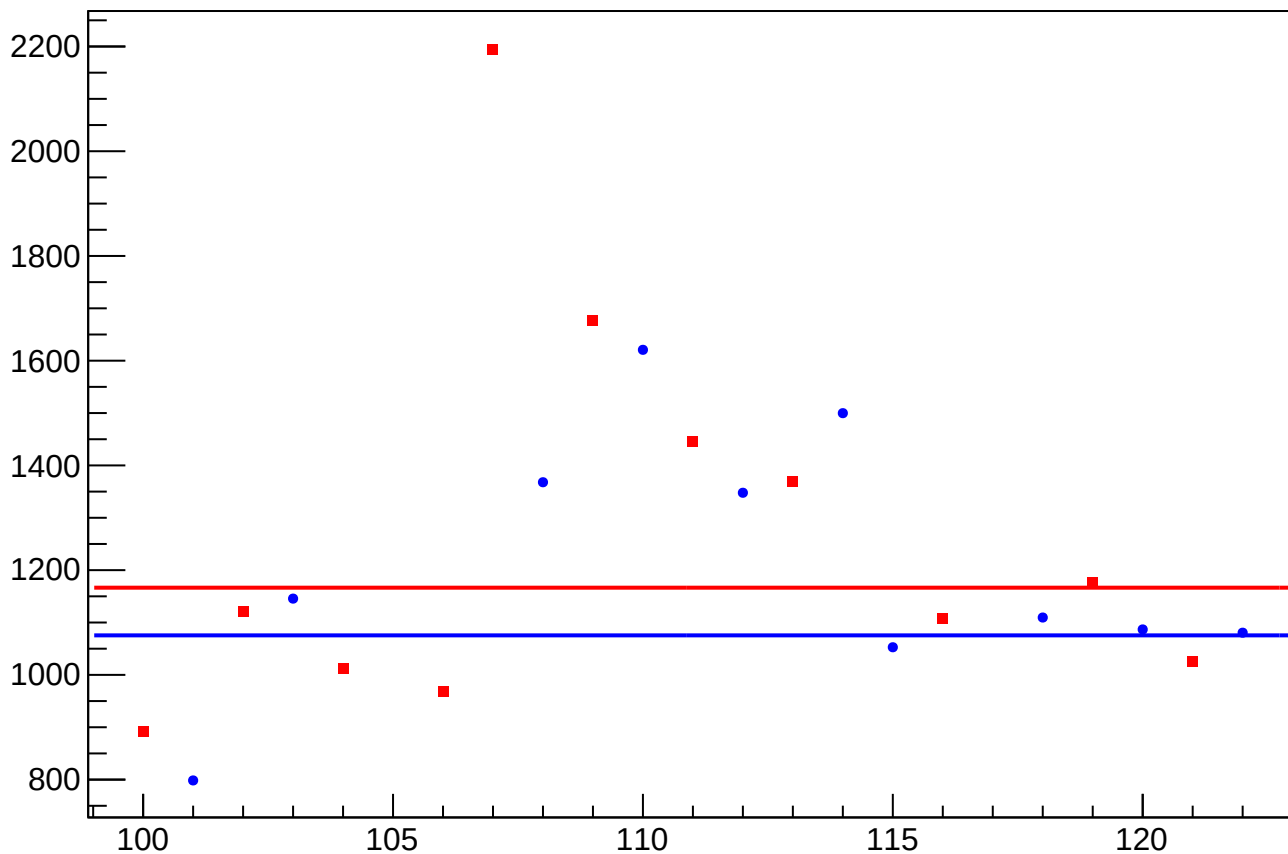
Right: -0.585+/-389.838 χ^2/NDF : 21.0/20

In: 94.460+/-544.067 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.585+/-389.838 χ^2/NDF : 21.0/20

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1075.458+/-0.385 χ^2/NDF : 343716.9/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

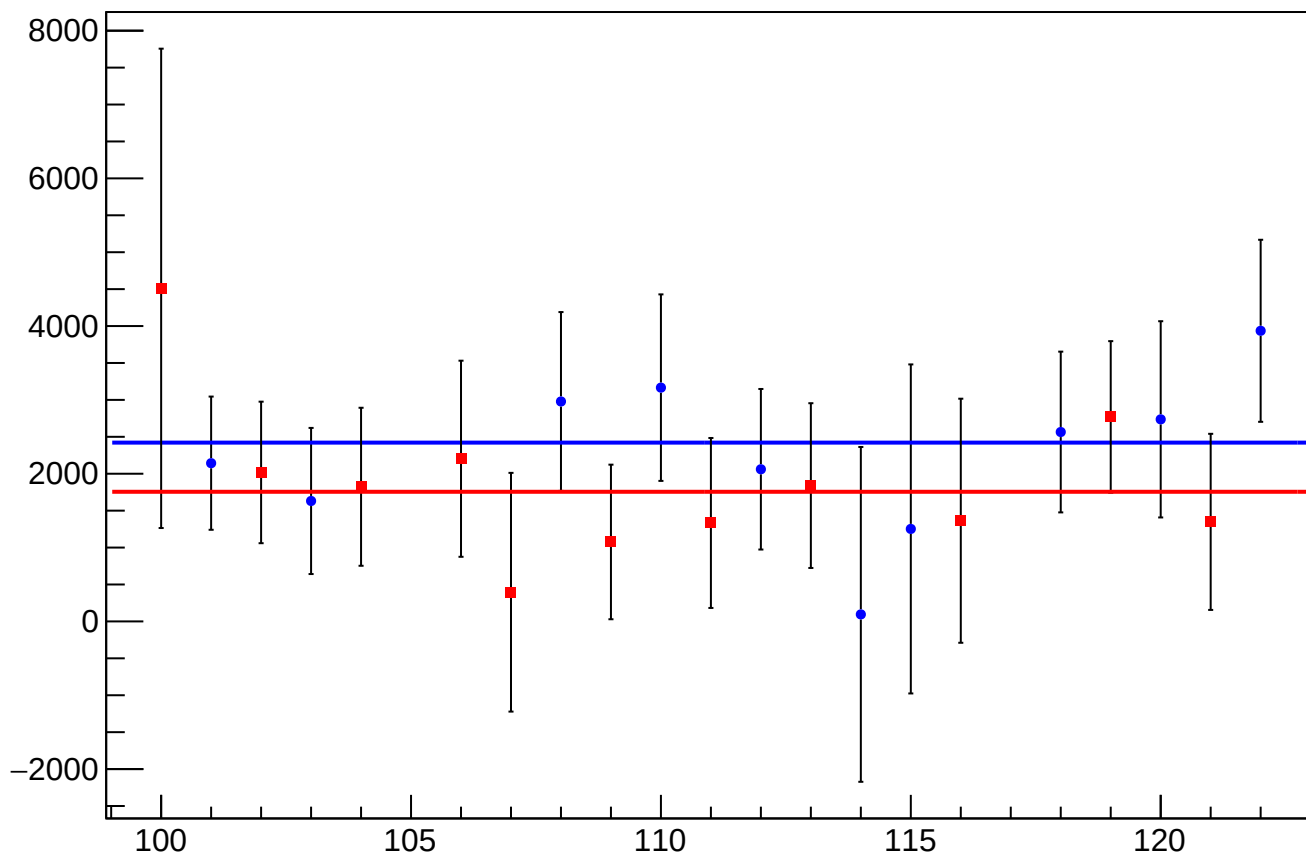
Right: 1119.767+/-0.276 χ^2/NDF : 714433.9/20

In: 1075.458+/-0.385 χ^2/NDF : 343716.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.767+/-0.276 χ^2/NDF : 714433.9/20

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2421.374+/-381.539 χ^2/NDF : 4.3/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

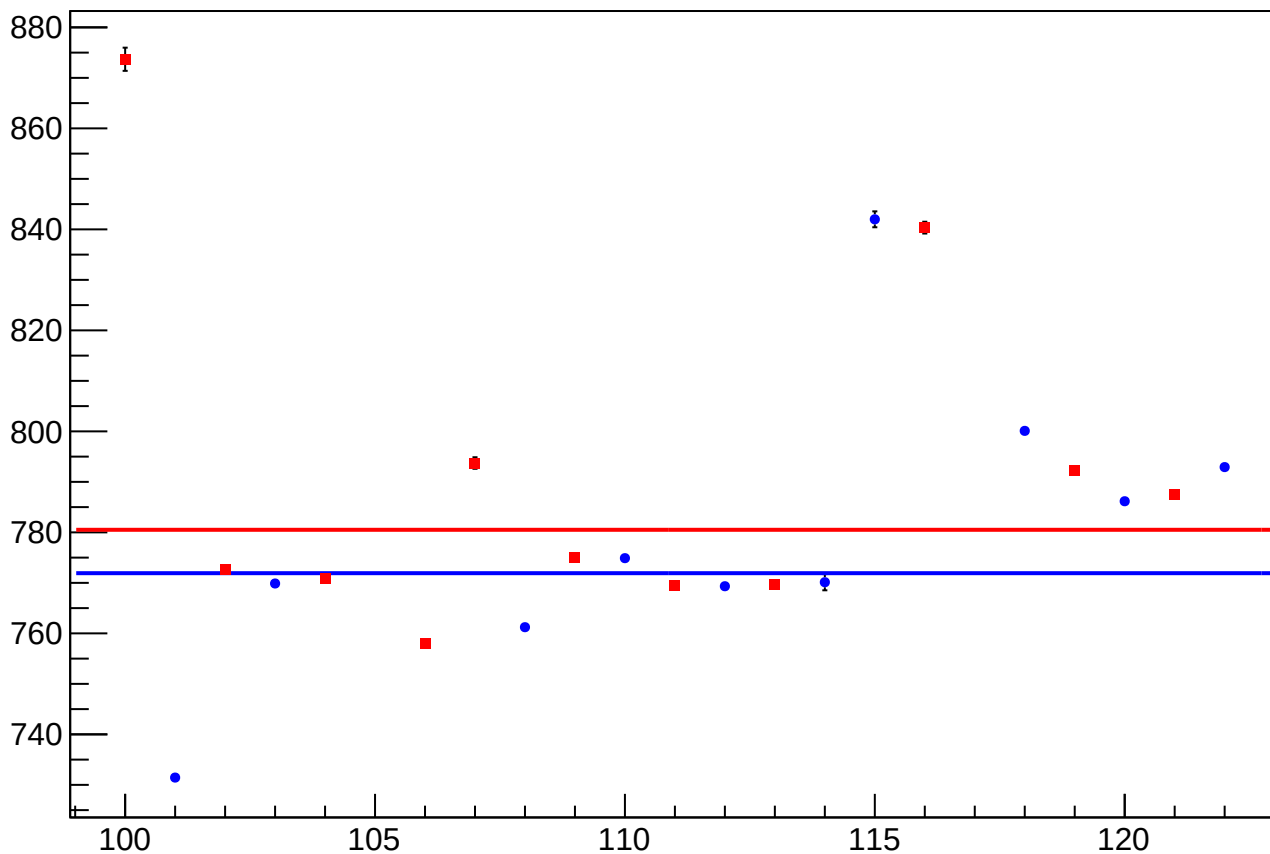
Right: 2073.925+/-263.831 χ^2/NDF : 9.2/20

In: 2421.374+/-381.539 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2073.925+/-263.831 χ^2/NDF : 9.2/20

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 771.918+/-0.270 χ^2/NDF : 8344.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

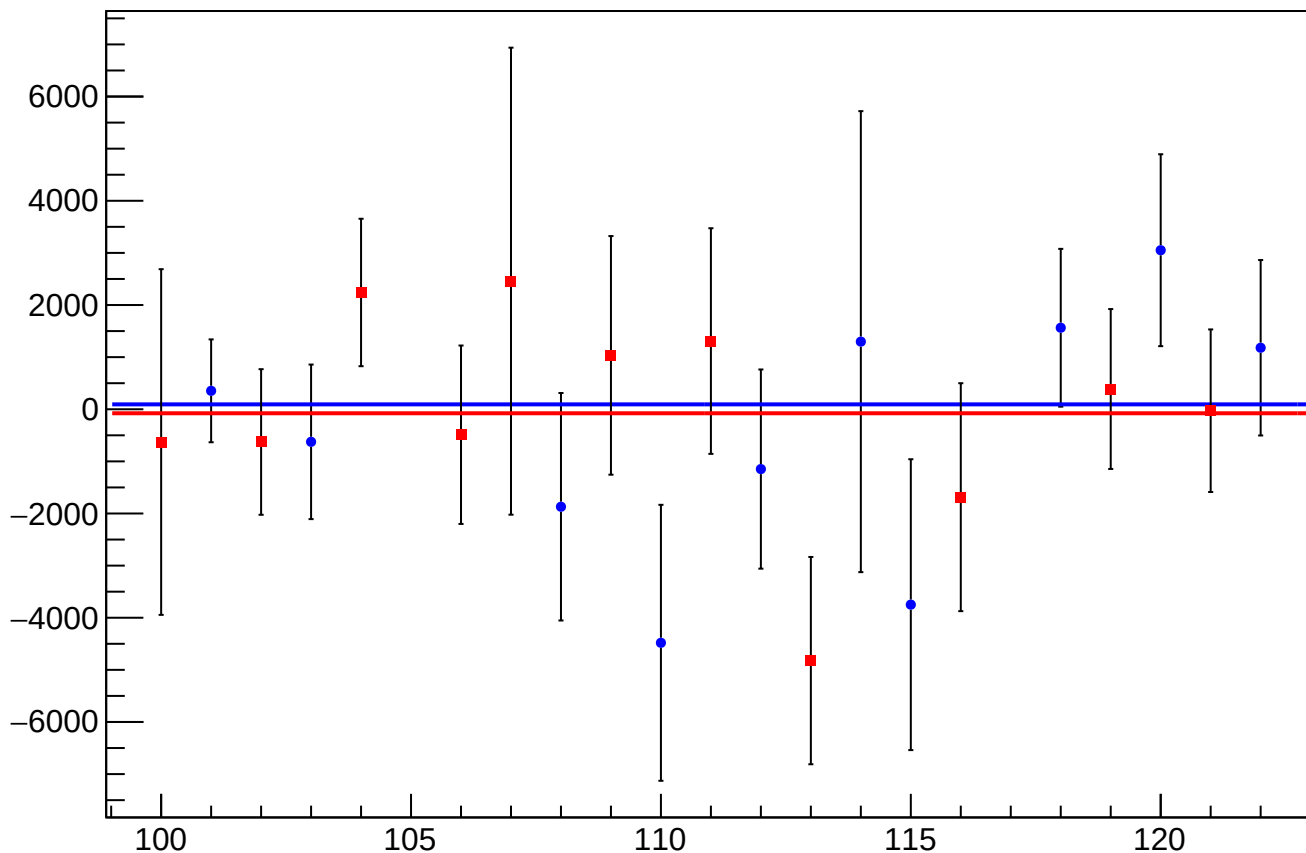
Right: 776.401+/-0.187 χ^2/NDF : 14904.2/20

In: 771.918+/-0.270 χ^2/NDF : 8344.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.401+/-0.187 χ^2/NDF : 14904.2/20

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 93.968+/-544.562 χ^2/NDF : 10.4/9

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

Right Out: -76.825+/-559.303 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

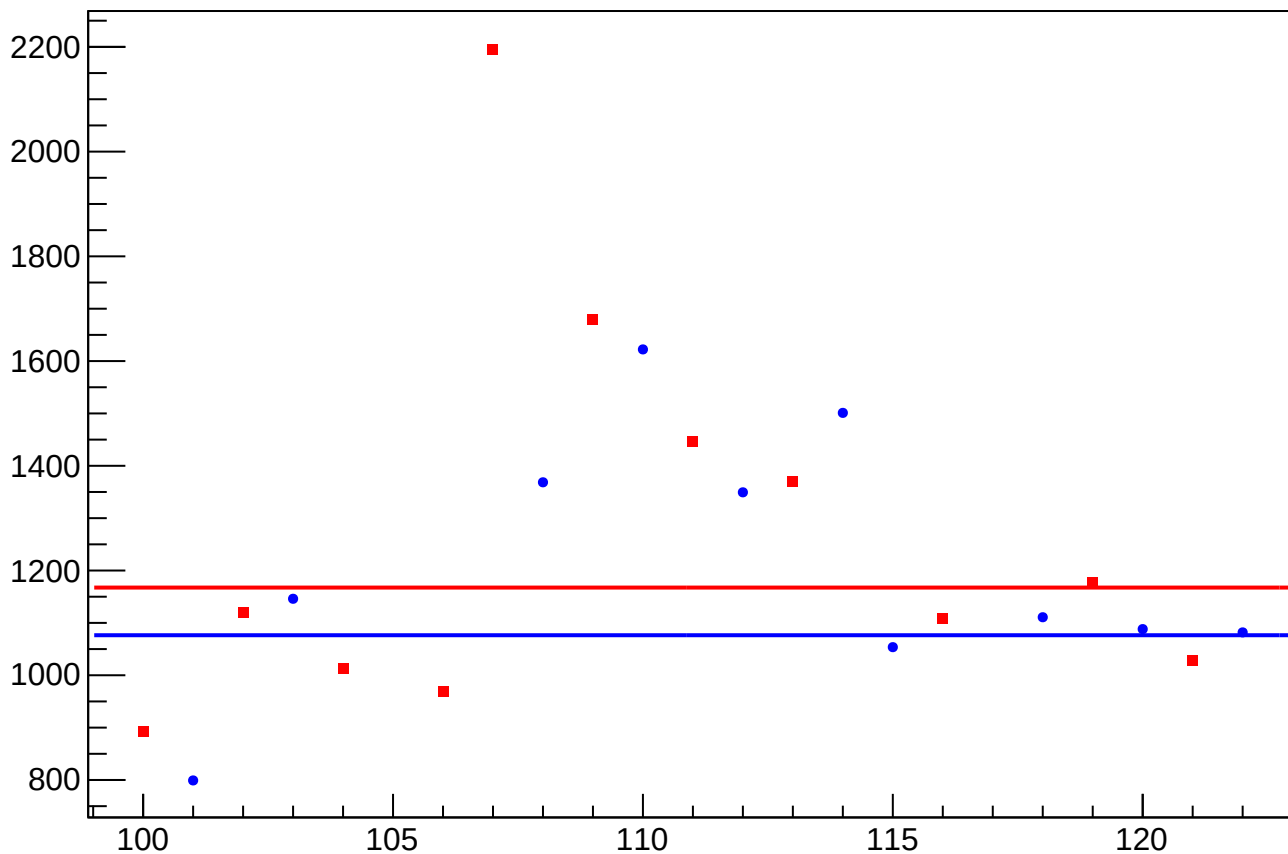
Right: 10.852+/-390.171 χ^2/NDF : 20.7/20

In: 93.968+/-544.562 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.852+/-390.171 χ^2/NDF : 20.7/20

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1076.446+/-0.385 χ^2/NDF : 343645.0/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

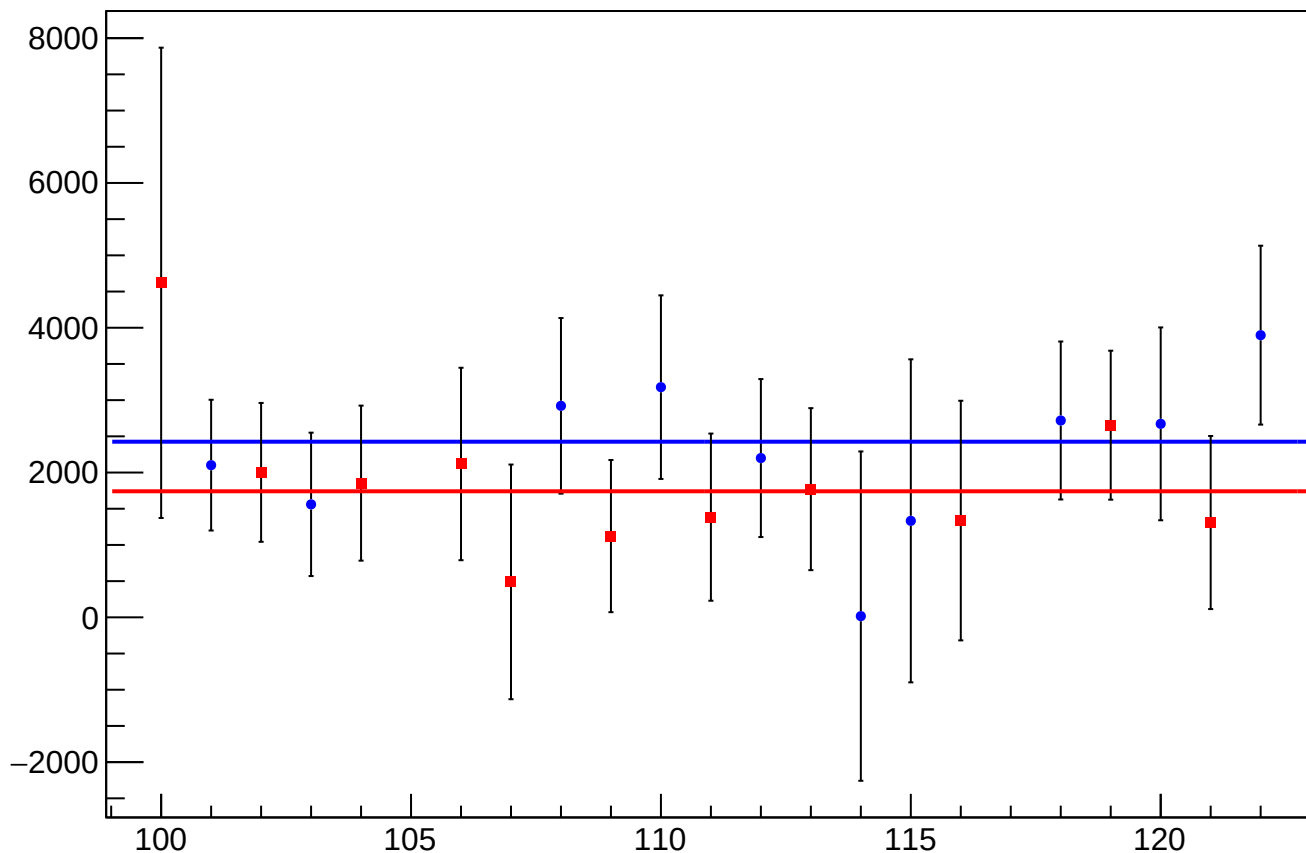
Right: 1120.735+/-0.276 χ^2/NDF : 714307.7/20

In: 1076.446+/-0.385 χ^2/NDF : 343645.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1120.735+/-0.276 χ^2/NDF : 714307.7/20

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2425.951+/-382.326 χ^2/NDF : 4.3/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

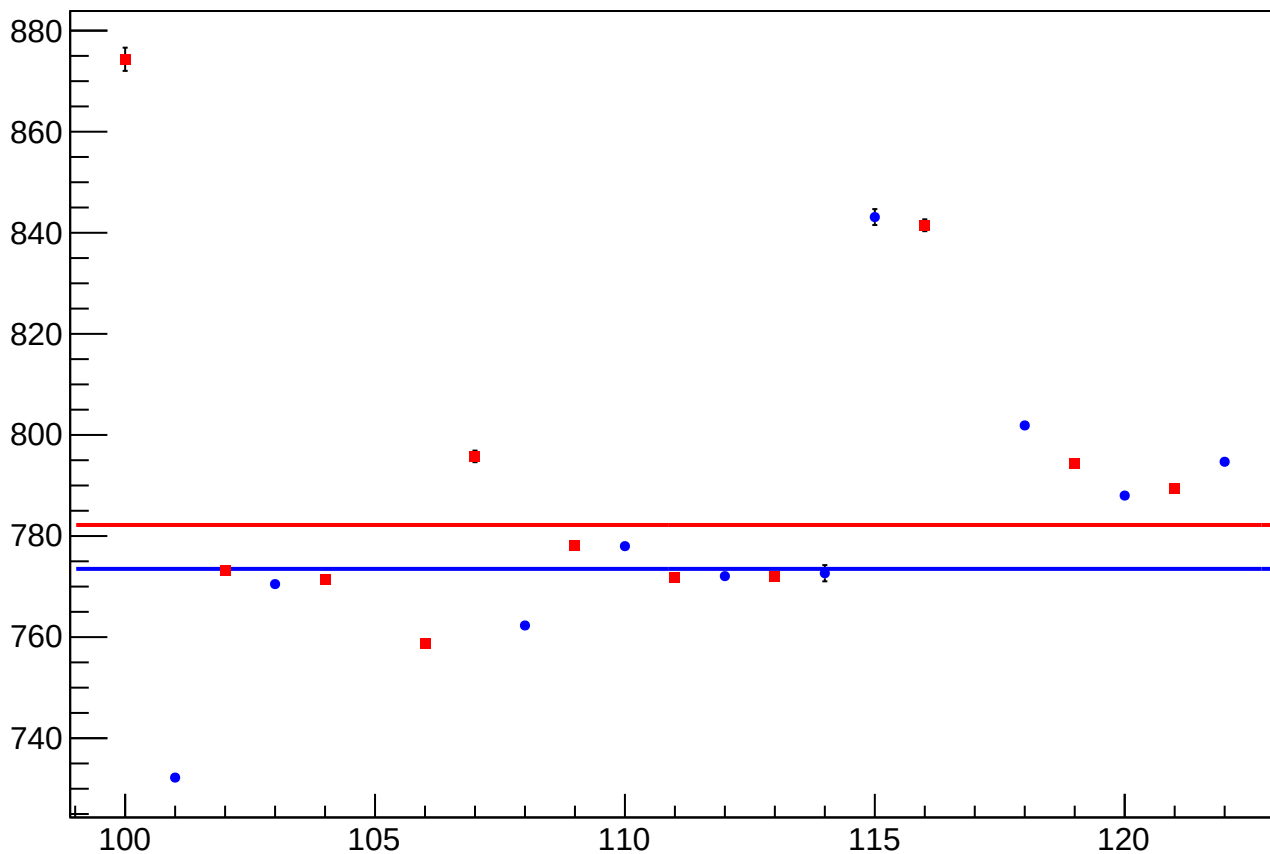
Right: 2068.611+/-264.387 χ^2/NDF : 9.0/20

In: 2425.951+/-382.326 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2068.611+/-264.387 χ^2/NDF : 9.0/20

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 773.501+/-0.270 χ^2/NDF : 8526.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

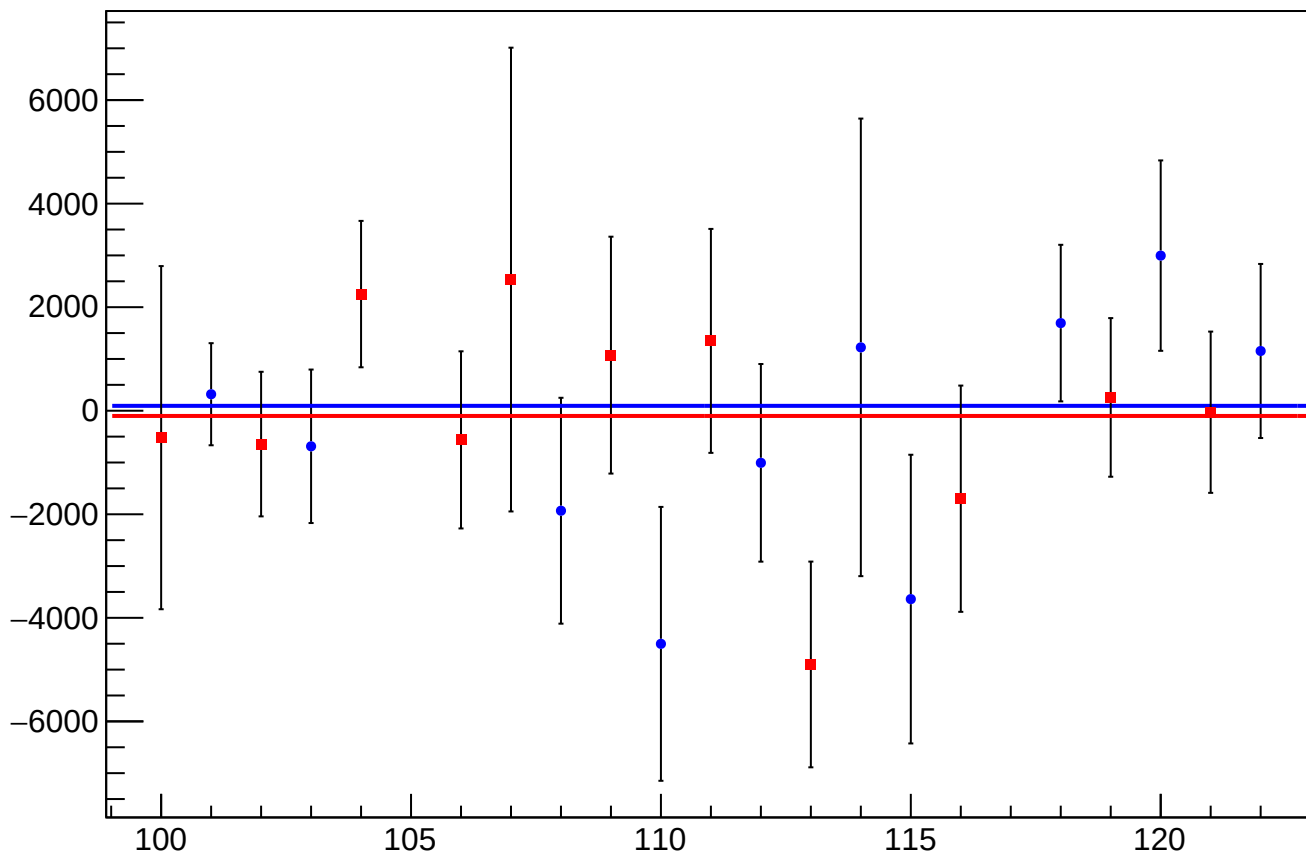
Right: 778.034+/-0.187 χ^2/NDF : 15085.0/20

In: 773.501+/-0.270 χ^2/NDF : 8526.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.034+/-0.187 χ^2/NDF : 15085.0/20

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 94.460+/-544.067 χ^2/NDF : 10.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

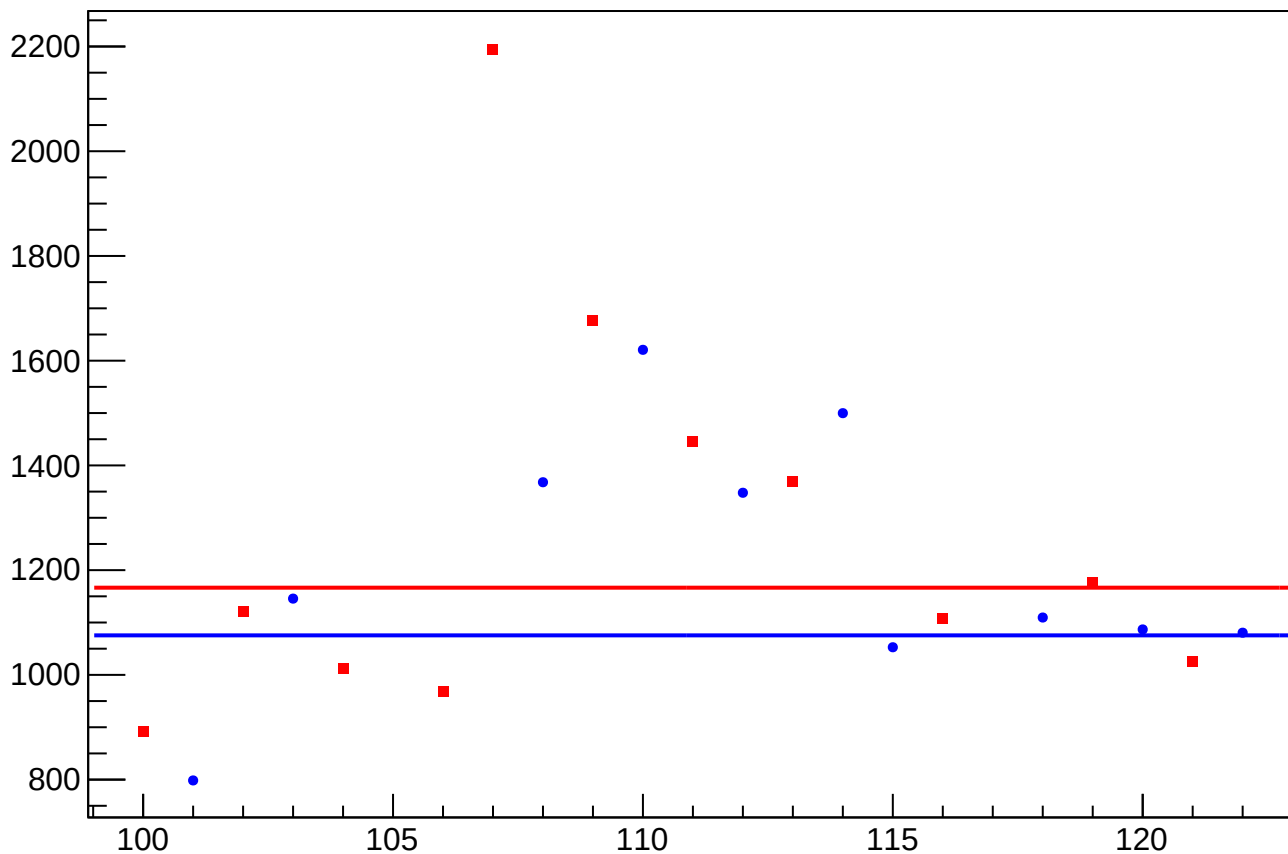
Right: -0.585+/-389.838 χ^2/NDF : 21.0/20

In: 94.460+/-544.067 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.585+/-389.838 χ^2/NDF : 21.0/20

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1075.458+/-0.385 χ^2/NDF : 343716.9/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

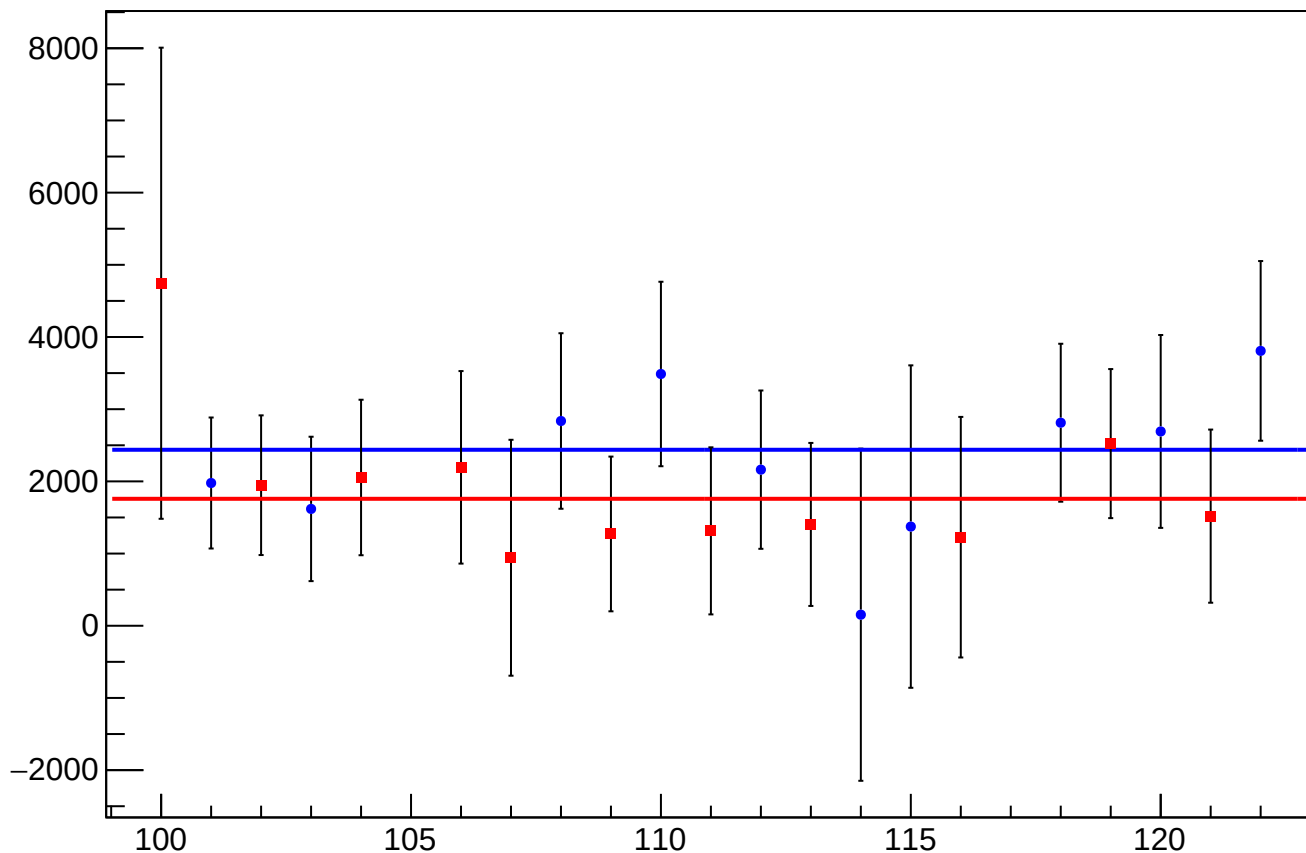
Right: 1119.767+/-0.276 χ^2/NDF : 714433.9/20

In: 1075.458+/-0.385 χ^2/NDF : 343716.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.767+/-0.276 χ^2/NDF : 714433.9/20

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2437.875+/-384.435 χ^2/NDF : 4.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

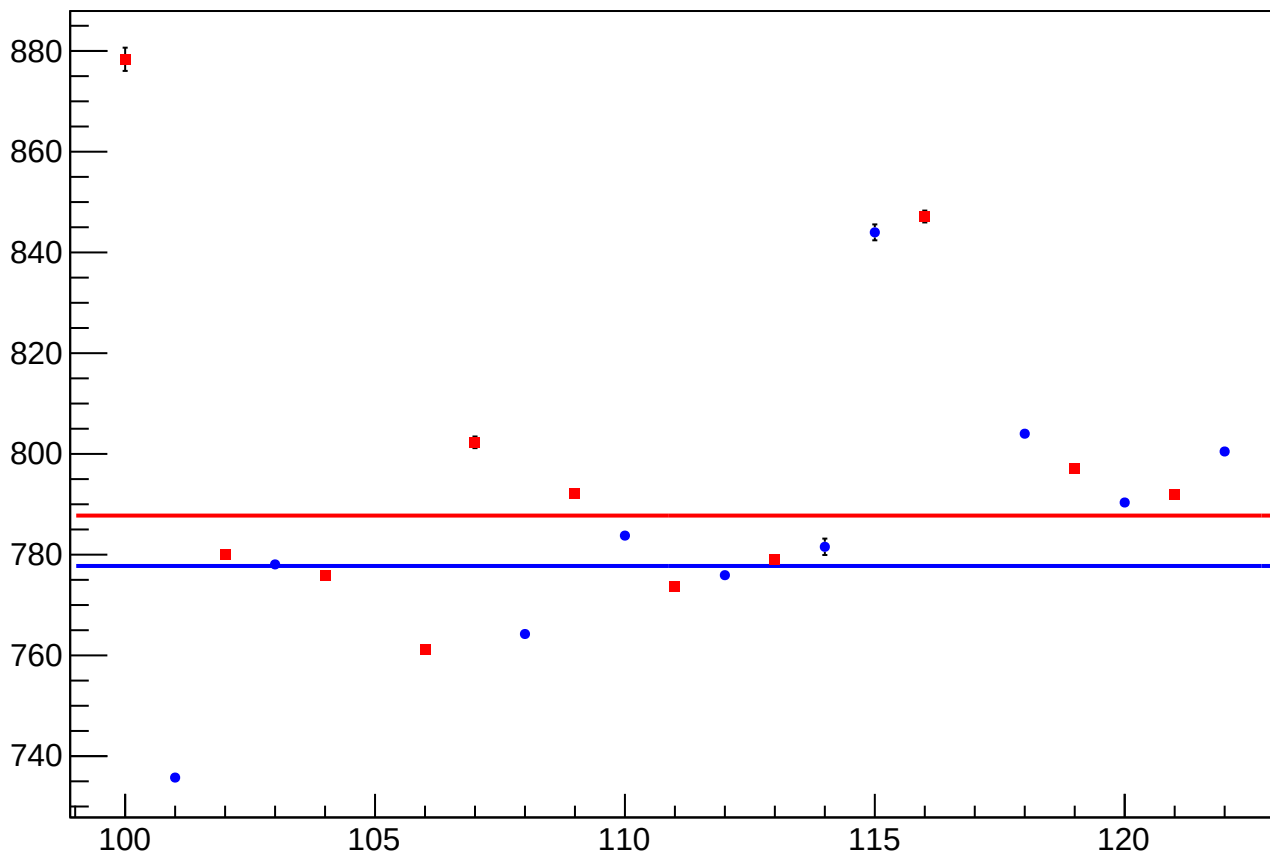
Right: 2084.077+/-266.093 χ^2/NDF : 8.4/20

In: 2437.875+/-384.435 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2084.077+/-266.093 χ^2/NDF : 8.4/20

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 777.755 $\pm$ 0.272 χ^2 /NDF: 8346.2/9

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

Right Out: 787.759 $\pm$ 0.261 χ^2 /NDF: 6039.1/10

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

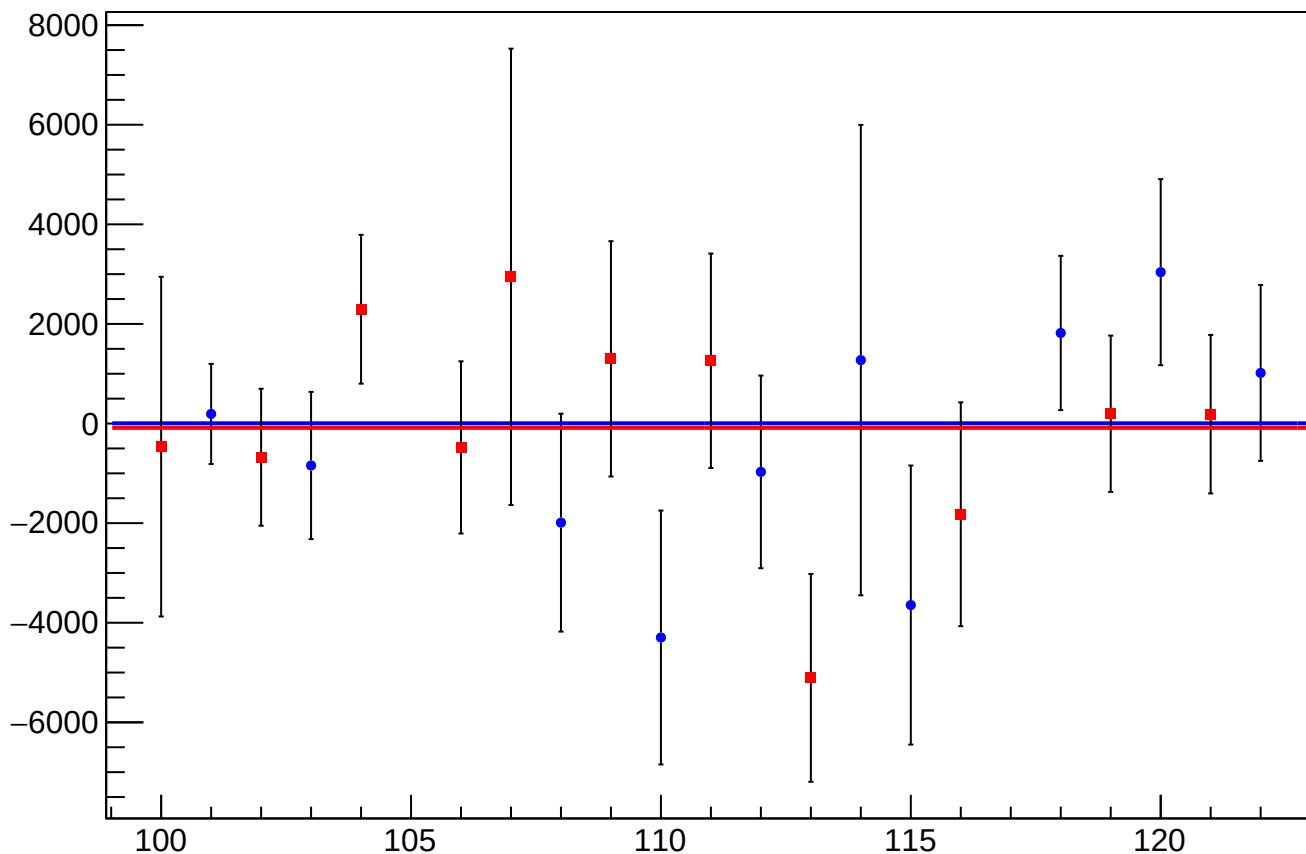
Right: 782.966 $\pm$ 0.188 χ^2 /NDF: 15090.8/20

In: 777.755 $\pm$ 0.272 χ^2 /NDF:8346.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 782.966 $\pm$ 0.188 χ^2 /NDF: 15090.8/20

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 5.030+/-552.703 χ^2/NDF : 10.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

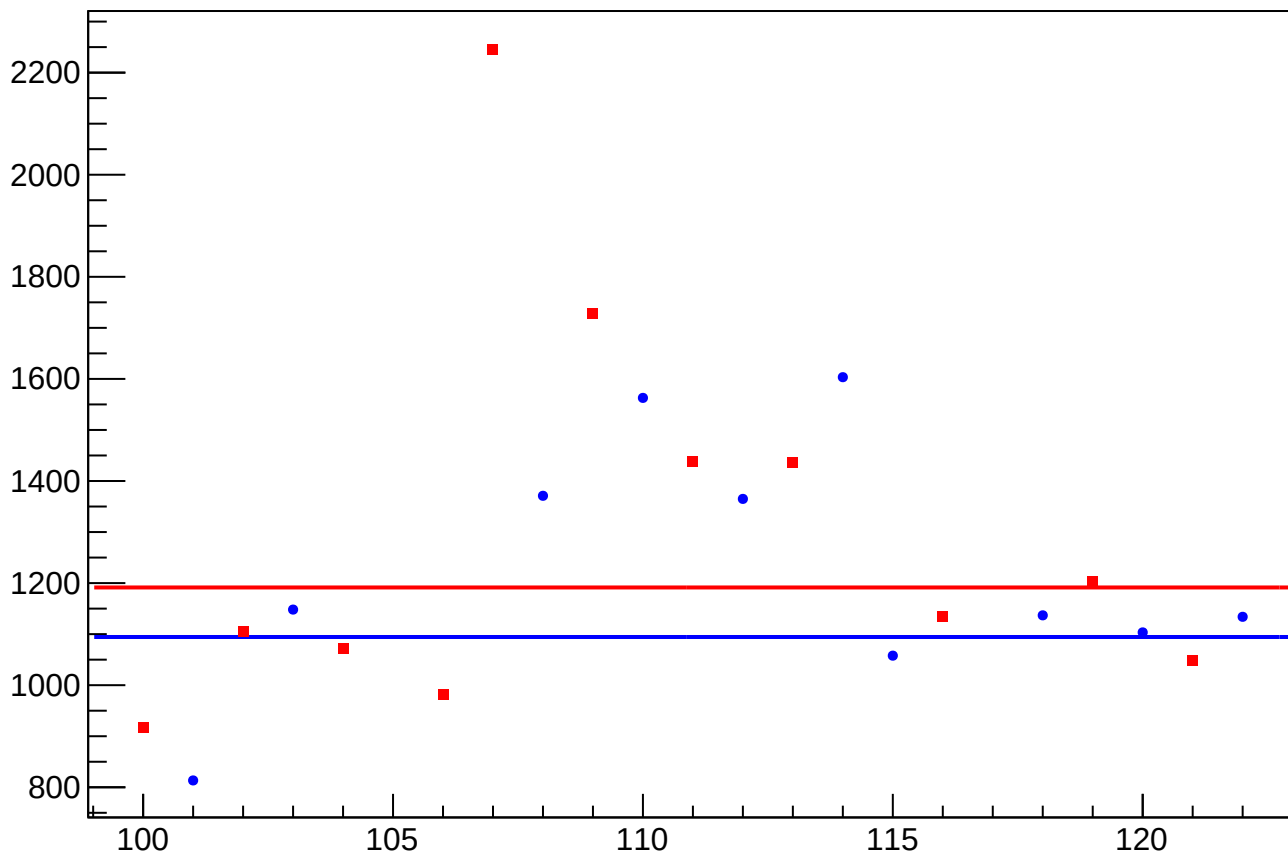
Right: -39.003+/-397.096 χ^2/NDF : 20.8/20

In: 5.030+/-552.703 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.003+/-397.096 χ^2/NDF : 20.8/20

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1094.406+/-0.391 χ^2/NDF : 323625.0/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

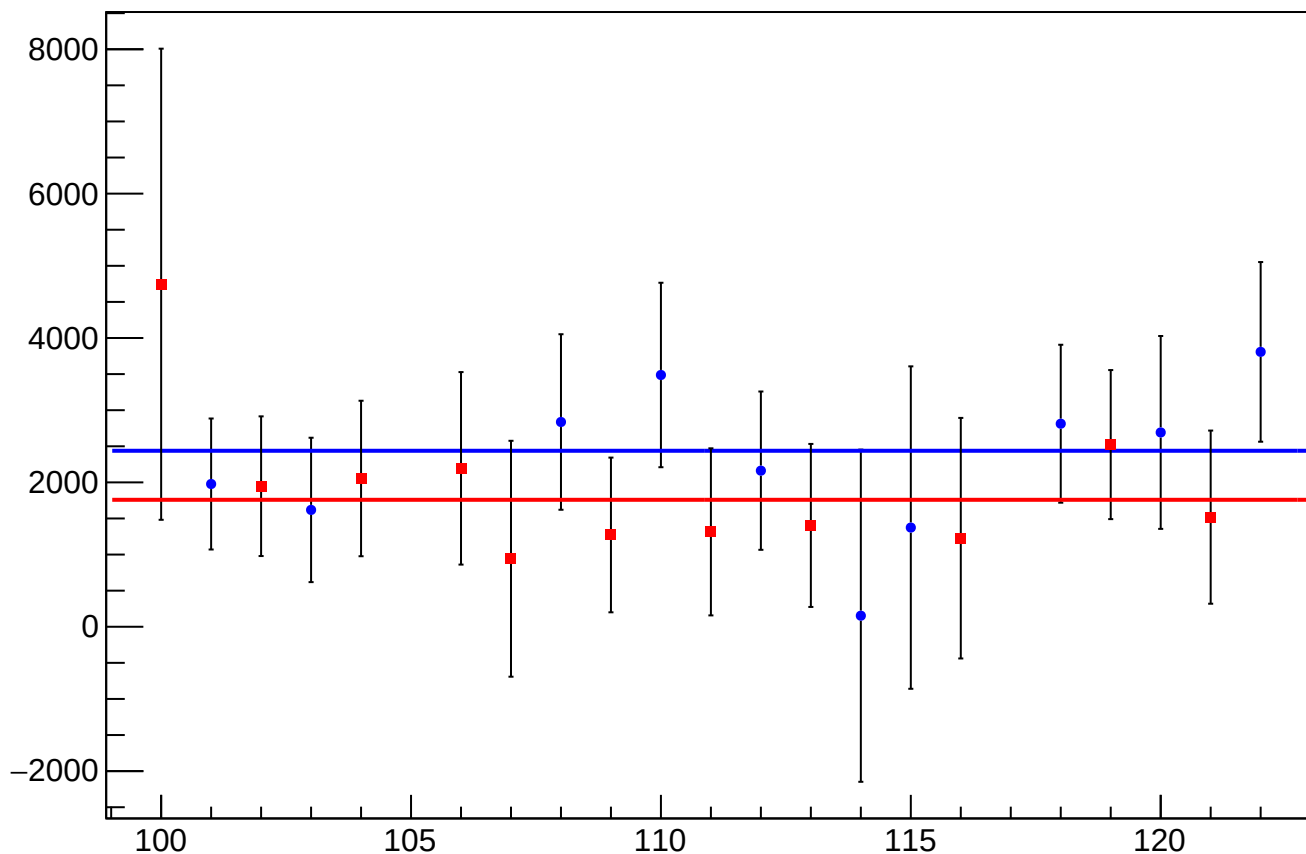
Right: 1141.350+/-0.281 χ^2/NDF : 697031.7/20

In: 1094.406+/-0.391 χ^2/NDF : 323625.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.350+/-0.281 χ^2/NDF : 697031.7/20

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2437.875+/-384.435 χ^2/NDF : 4.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

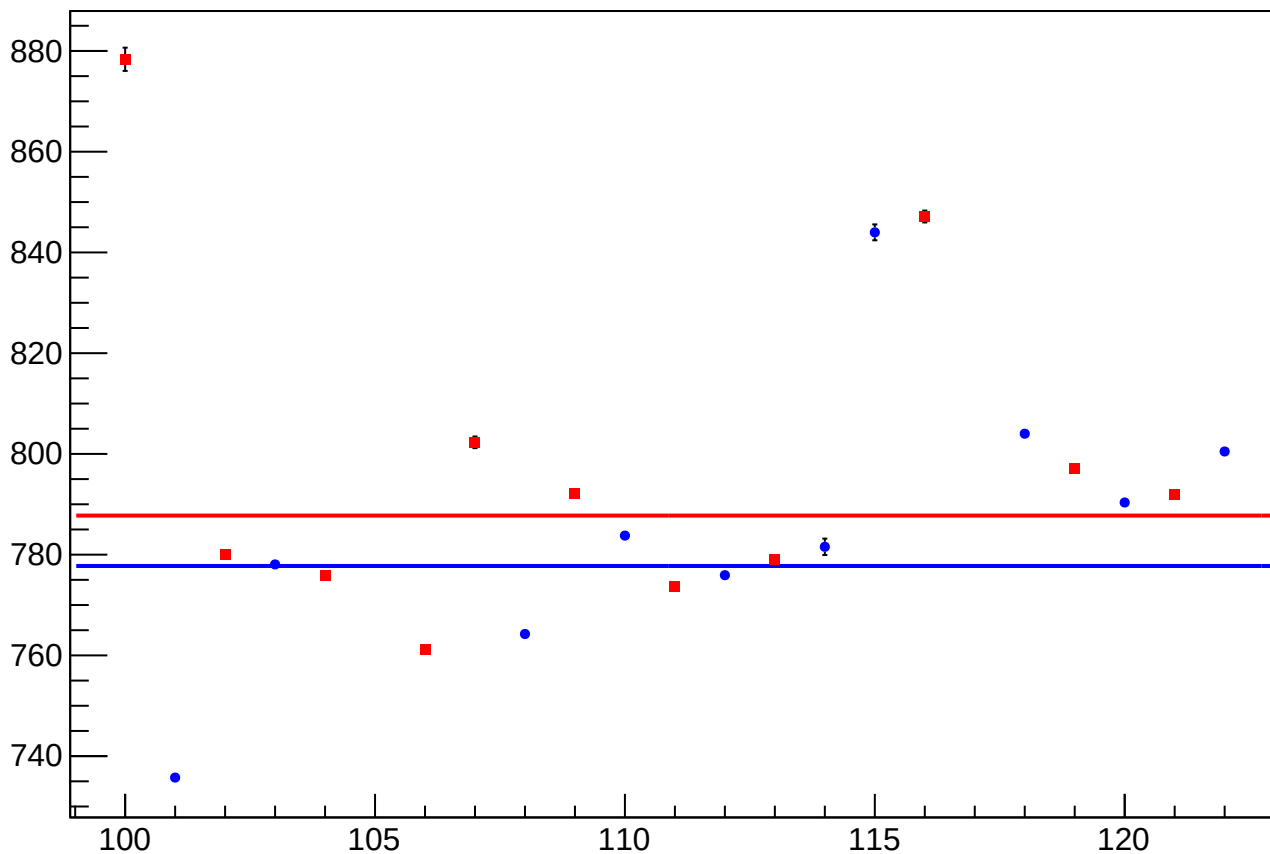
Right: 2084.077+/-266.093 χ^2/NDF : 8.4/20

In: 2437.875+/-384.435 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2084.077+/-266.093 χ^2/NDF : 8.4/20

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 777.755+/-0.272 χ^2/NDF : 8346.2/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

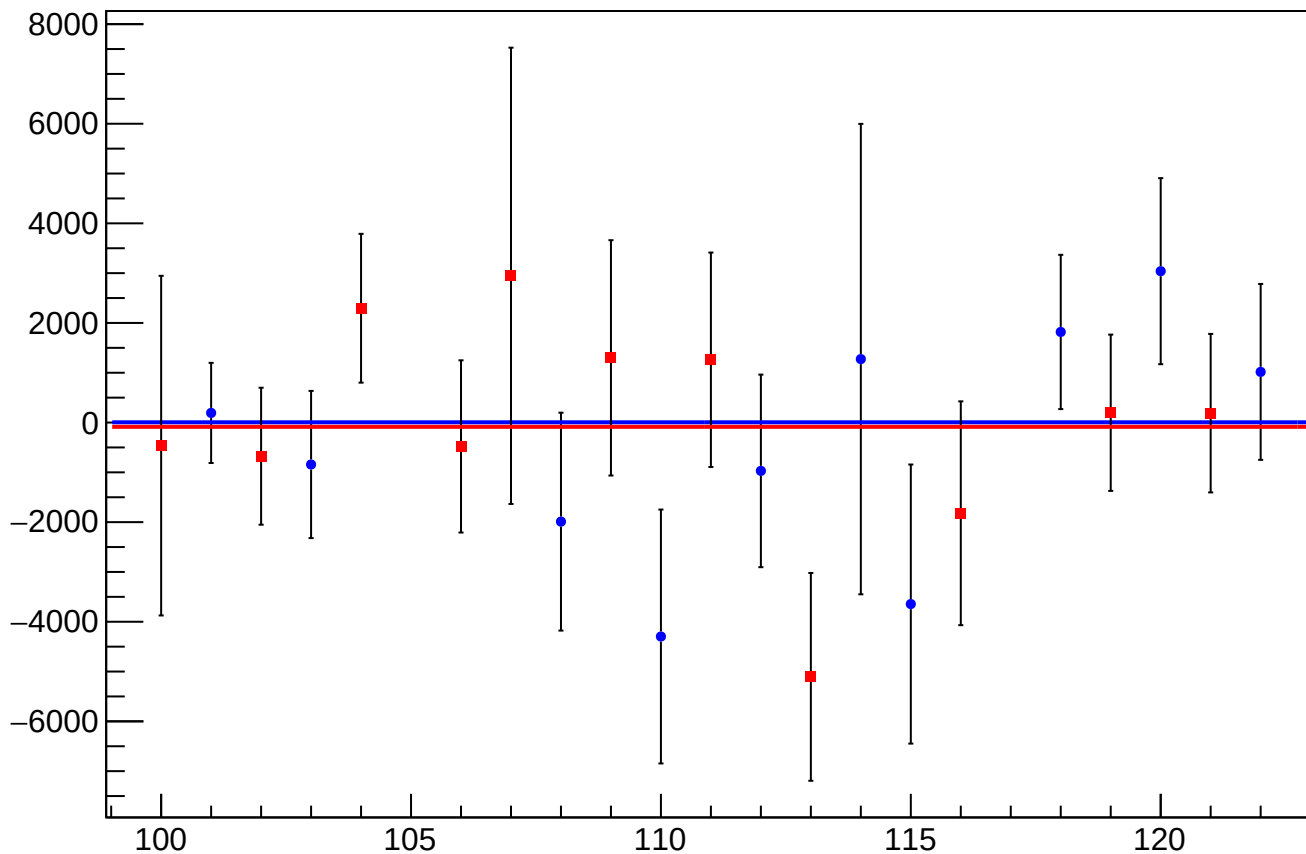
Right: 782.966+/-0.188 χ^2/NDF : 15090.7/20

In: 777.755+/-0.272 χ^2/NDF : 8346.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.966+/-0.188 χ^2/NDF : 15090.7/20

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 5.031+/-552.701 χ^2/NDF : 10.4/9

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

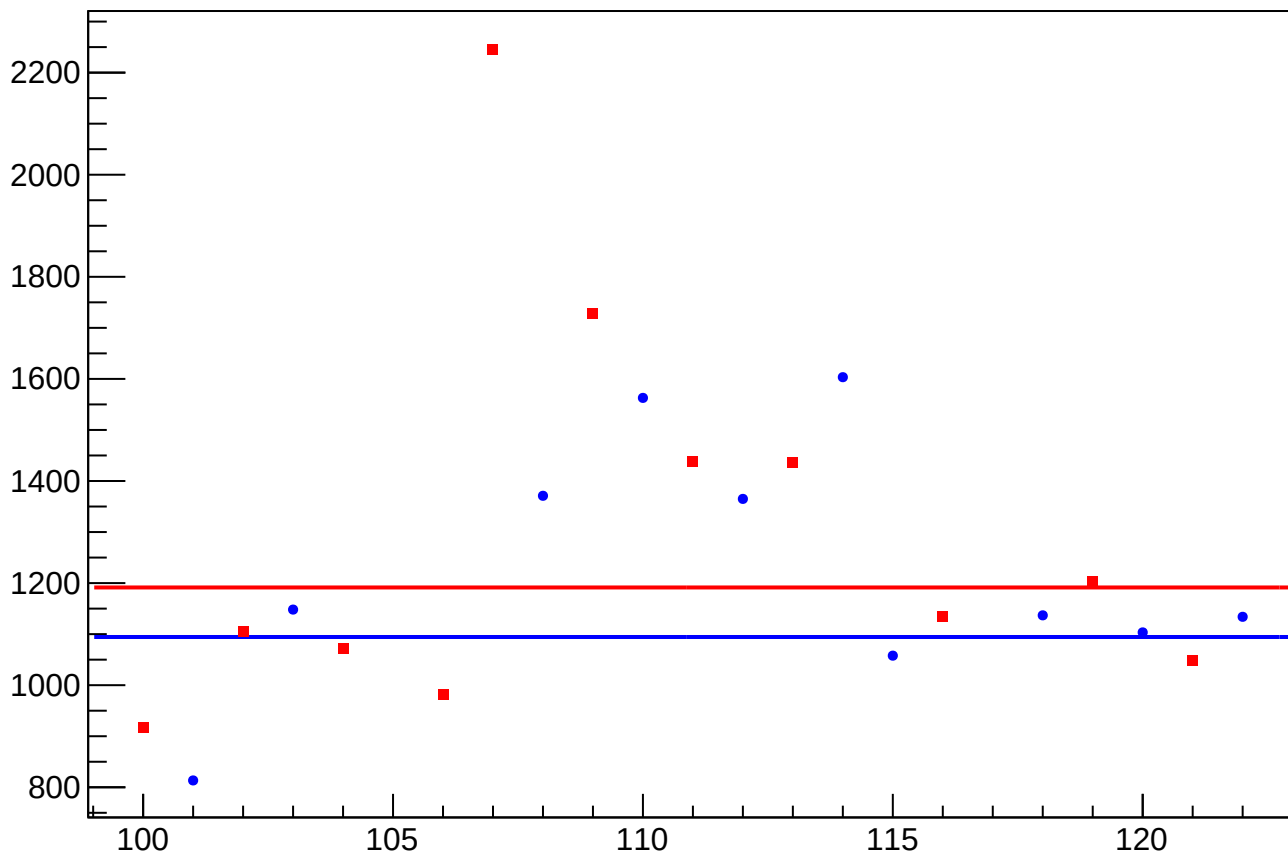
Right: -39.002+/-397.094 χ^2/NDF : 20.8/20

In: 5.031+/-552.701 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -39.002+/-397.094 χ^2/NDF : 20.8/20

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1094.403+/-0.391 χ^2/NDF : 323622.9/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

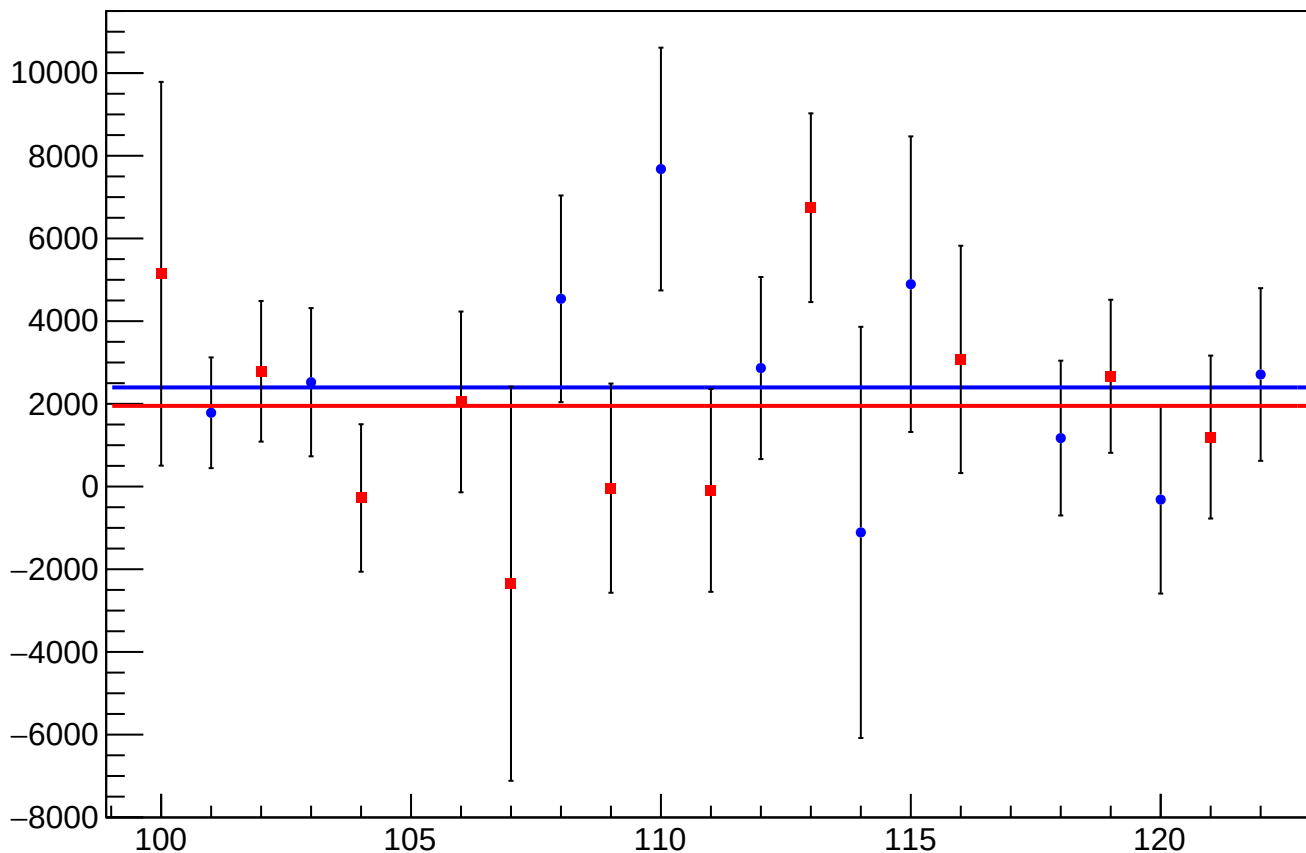
Right: 1141.347+/-0.281 χ^2/NDF : 697027.8/20

In: 1094.403+/-0.391 χ^2/NDF : 323622.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.347+/-0.281 χ^2/NDF : 697027.8/20

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2397.268+/-677.552 χ^2/NDF : 7.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

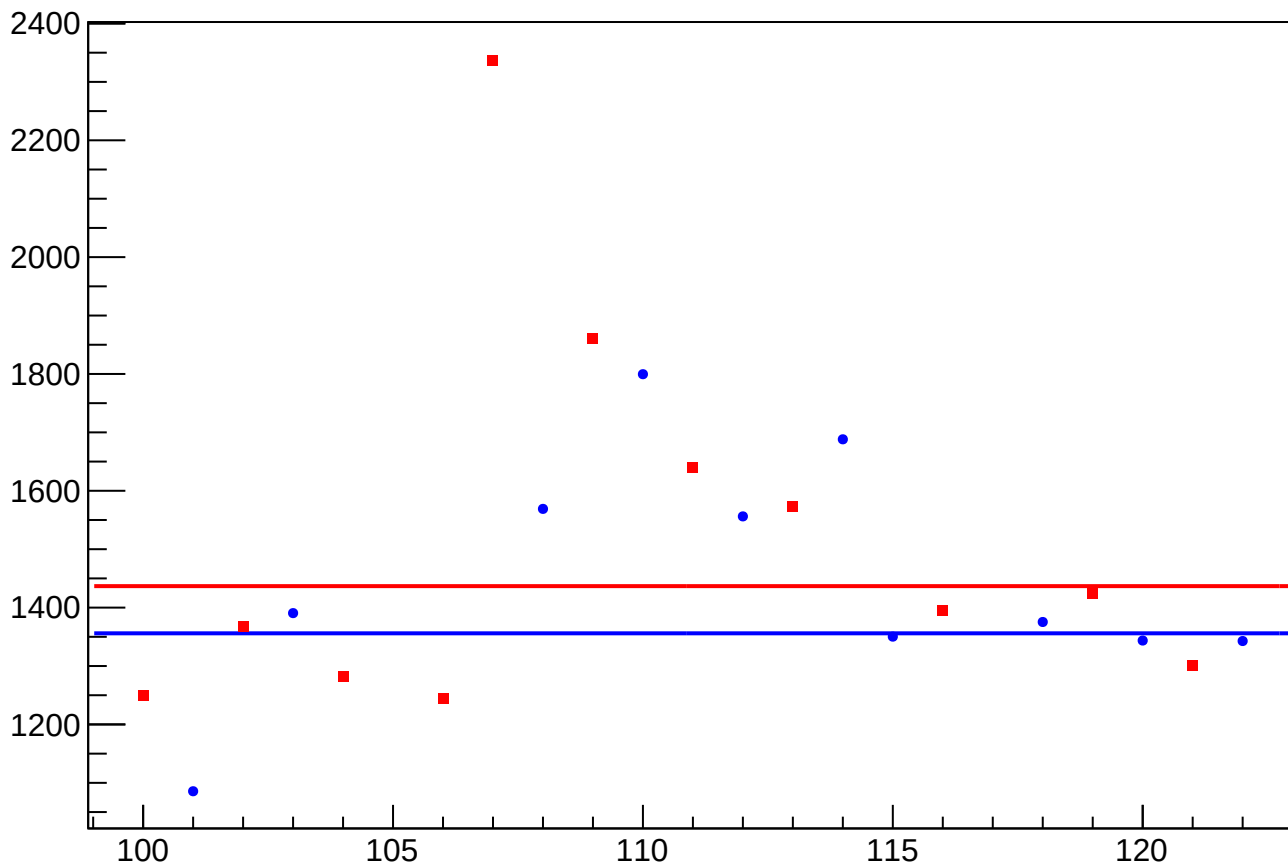
Right: 2175.335+/-480.345 χ^2/NDF : 16.6/20

In: 2397.268+/-677.552 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.335+/-480.345 χ^2/NDF : 16.6/20

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1355.989+/-0.479 χ^2/NDF : 168259.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

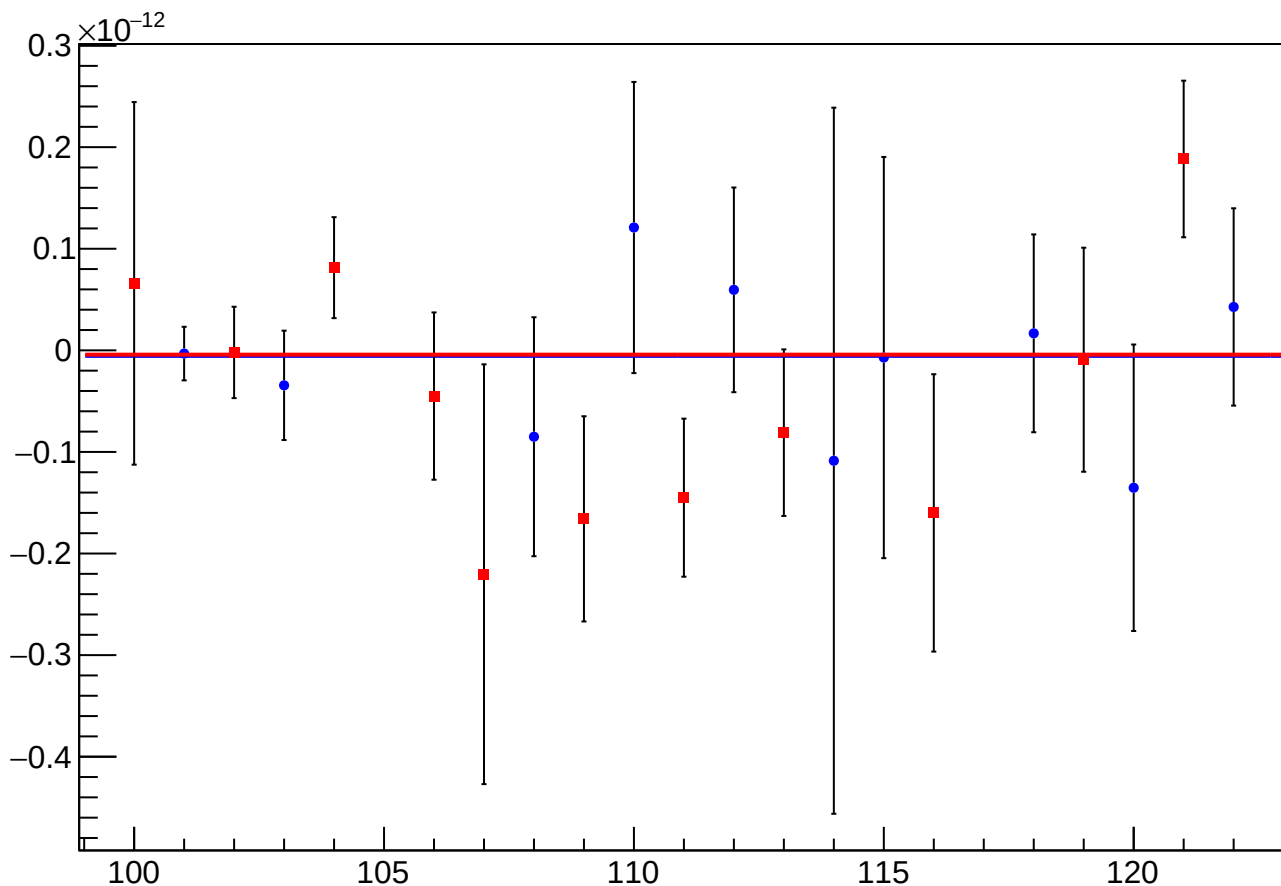
Right: 1396.168+/-0.340 χ^2/NDF : 377833.9/20

In: 1355.989+/-0.479 χ^2/NDF : 168259.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.168+/-0.340 χ^2/NDF : 377833.9/20

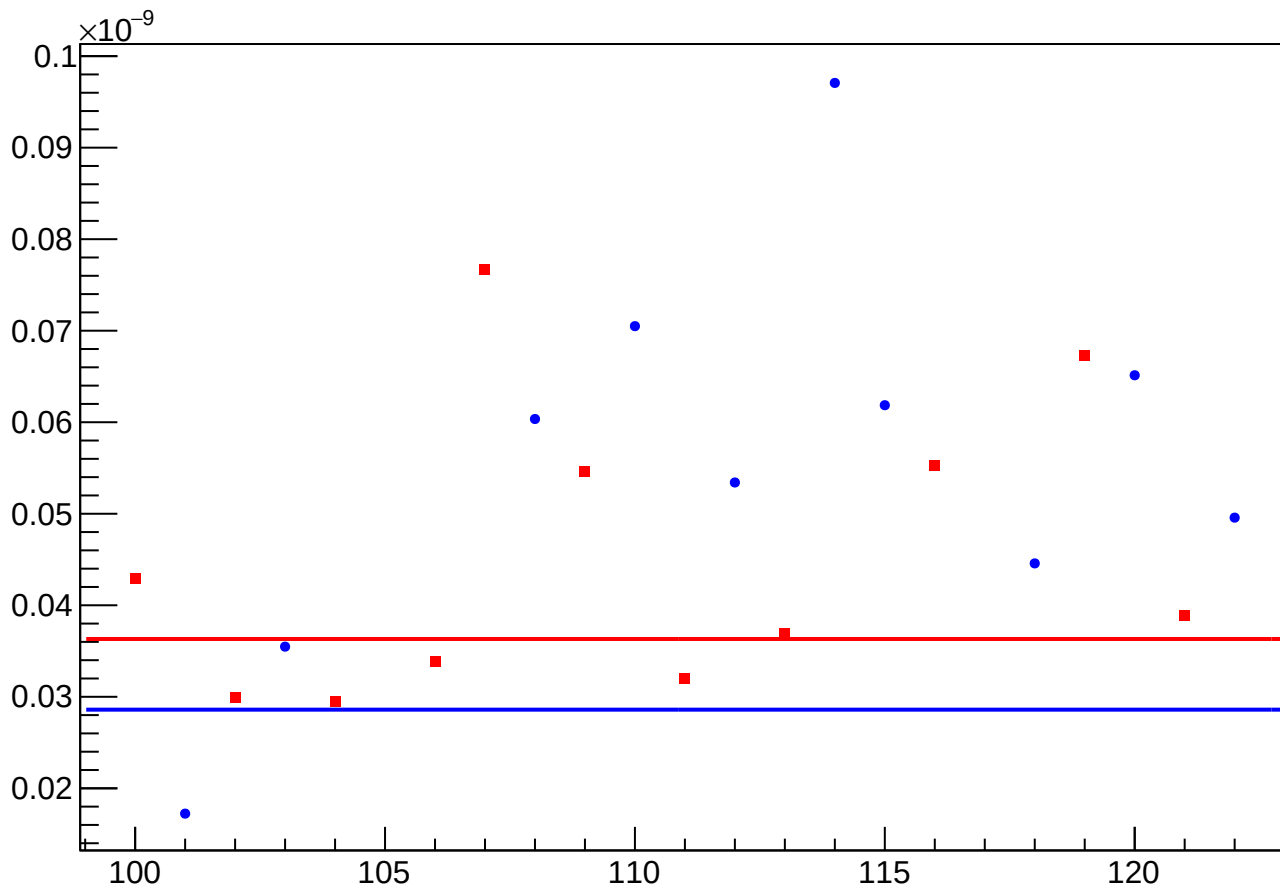
asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 18.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 21.9/20
 In: -0.000+/-0.000 χ^2/NDF : 3.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 21.9/20

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1257858.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

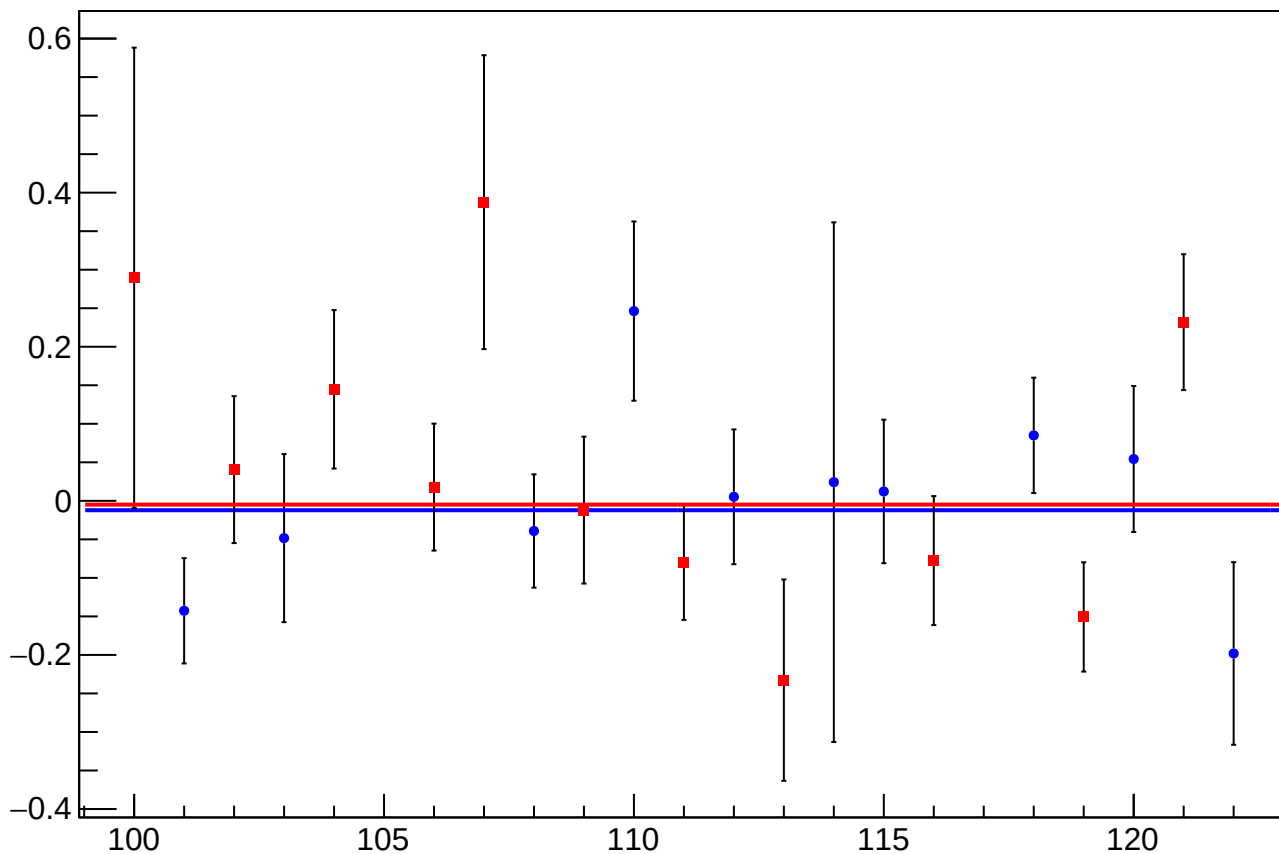
Right: 0.000+/-0.000 χ^2/NDF : 1807886.2/20

In: 0.000+/-0.000 χ^2/NDF : 1257858.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1807886.2/20

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.029 χ^2 /NDF: 13.6/9

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

Right Out: -0.005 $\pm$ 0.029 χ^2 /NDF: 23.9/10

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

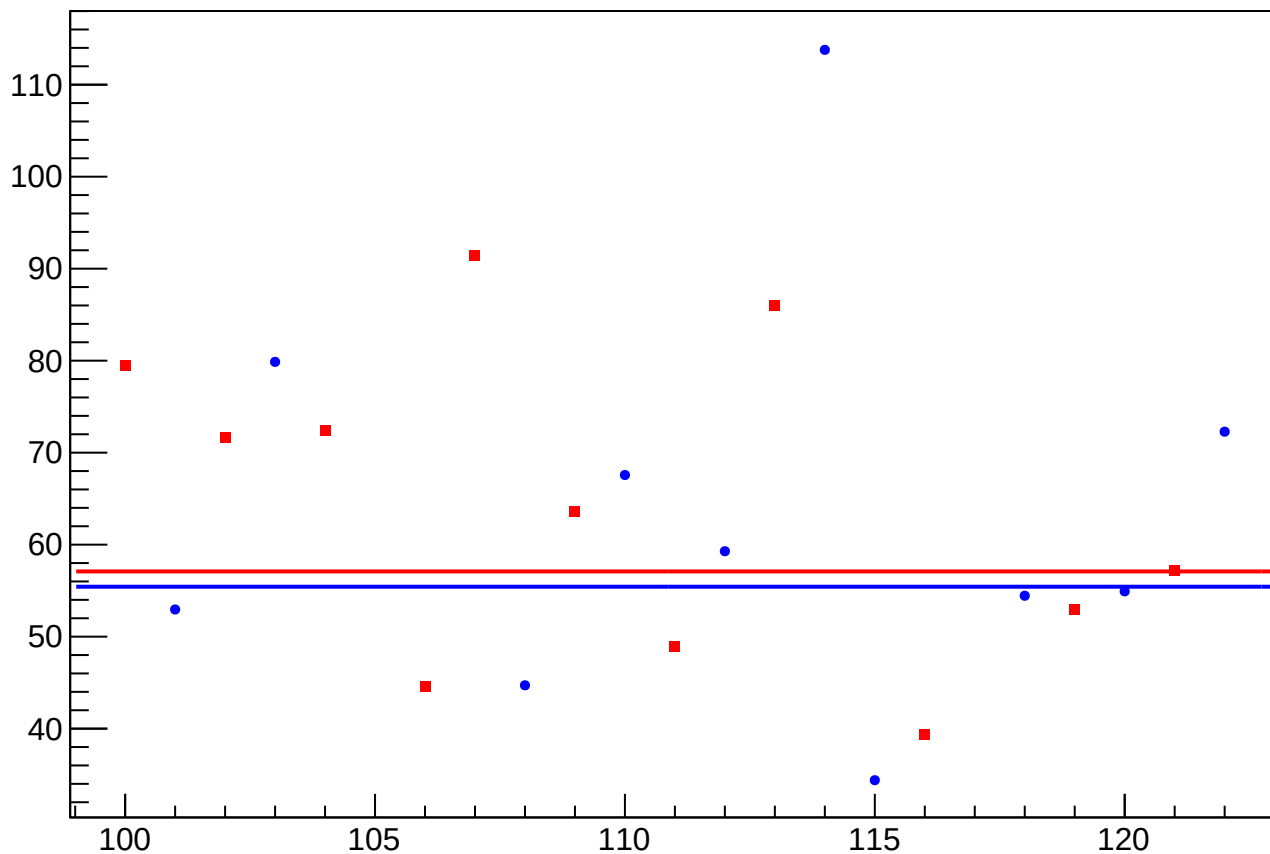
Right: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

In: -0.012 $\pm$ 0.029 χ^2 /NDF:13.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.428+/-0.021 χ^2/NDF : 373963.8/9

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

Right Out: 57.088+/-0.020 χ^2/NDF : 440779.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

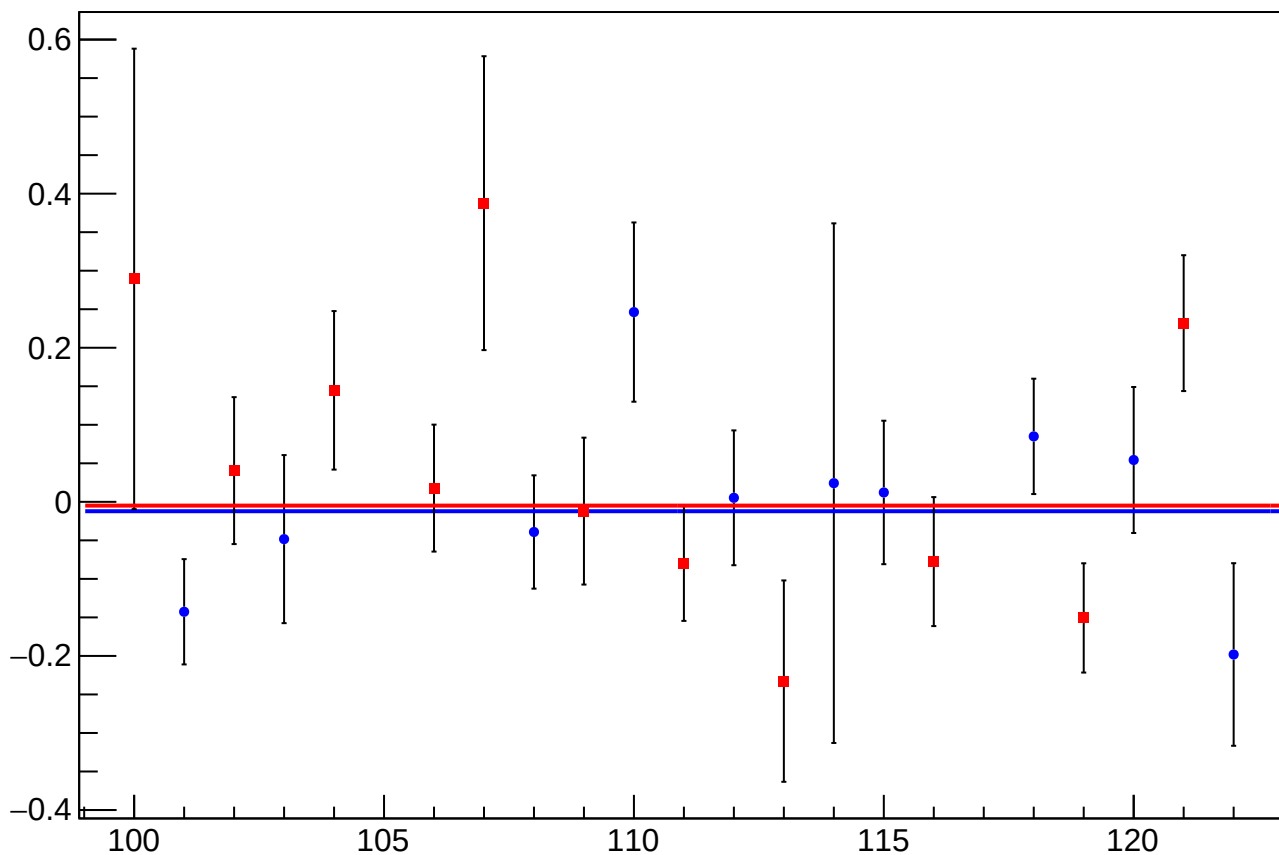
Right: 56.271+/-0.014 χ^2/NDF : 818024.7/20

In: 55.428+/-0.021 χ^2/NDF :373963.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.271+/-0.014 χ^2/NDF : 818024.7/20

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.029 χ^2 /NDF: 13.6/9

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

Right Out: -0.005 $\pm$ 0.029 χ^2 /NDF: 23.9/10

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

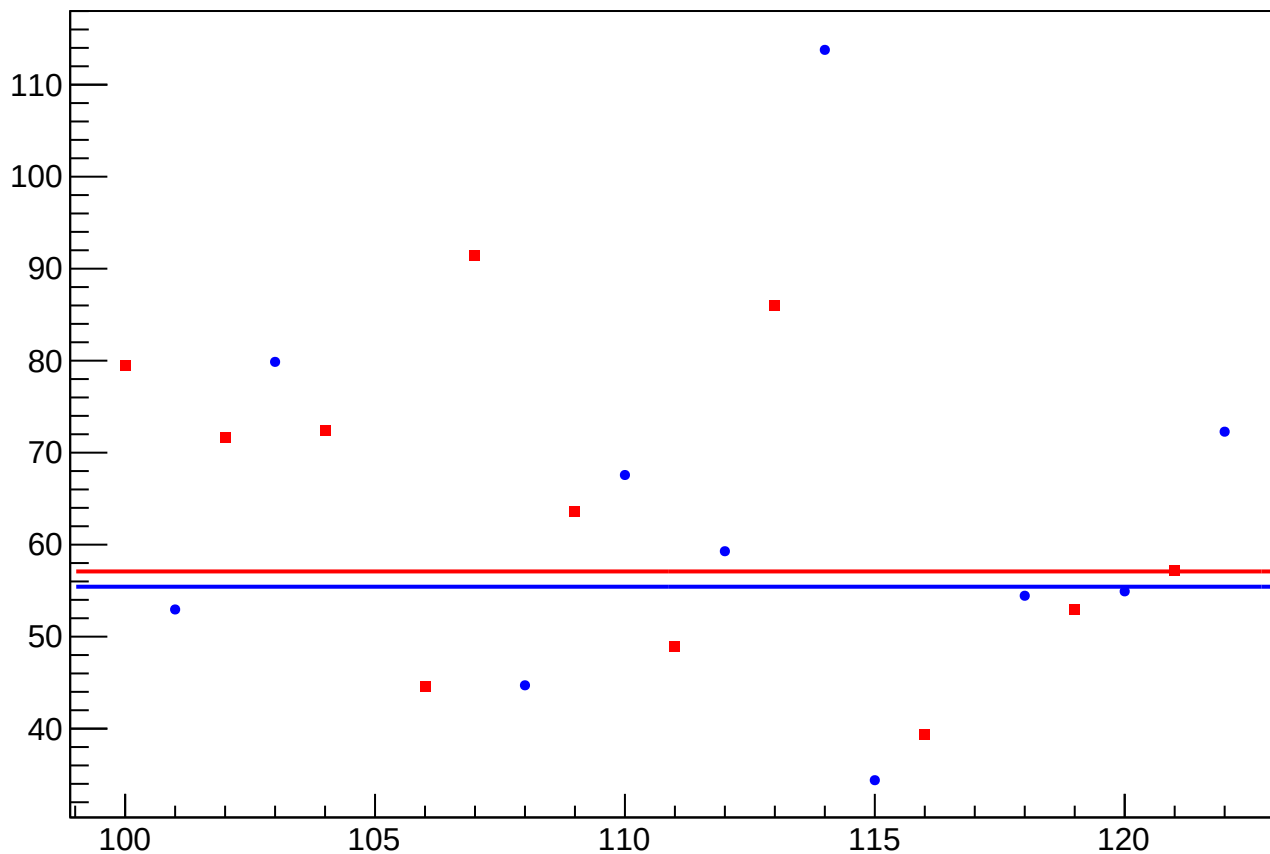
Right: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

In: -0.012 $\pm$ 0.029 χ^2 /NDF:13.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.428+/-0.021 χ^2/NDF : 373963.8/9

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

Right Out: 57.088+/-0.020 χ^2/NDF : 440779.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

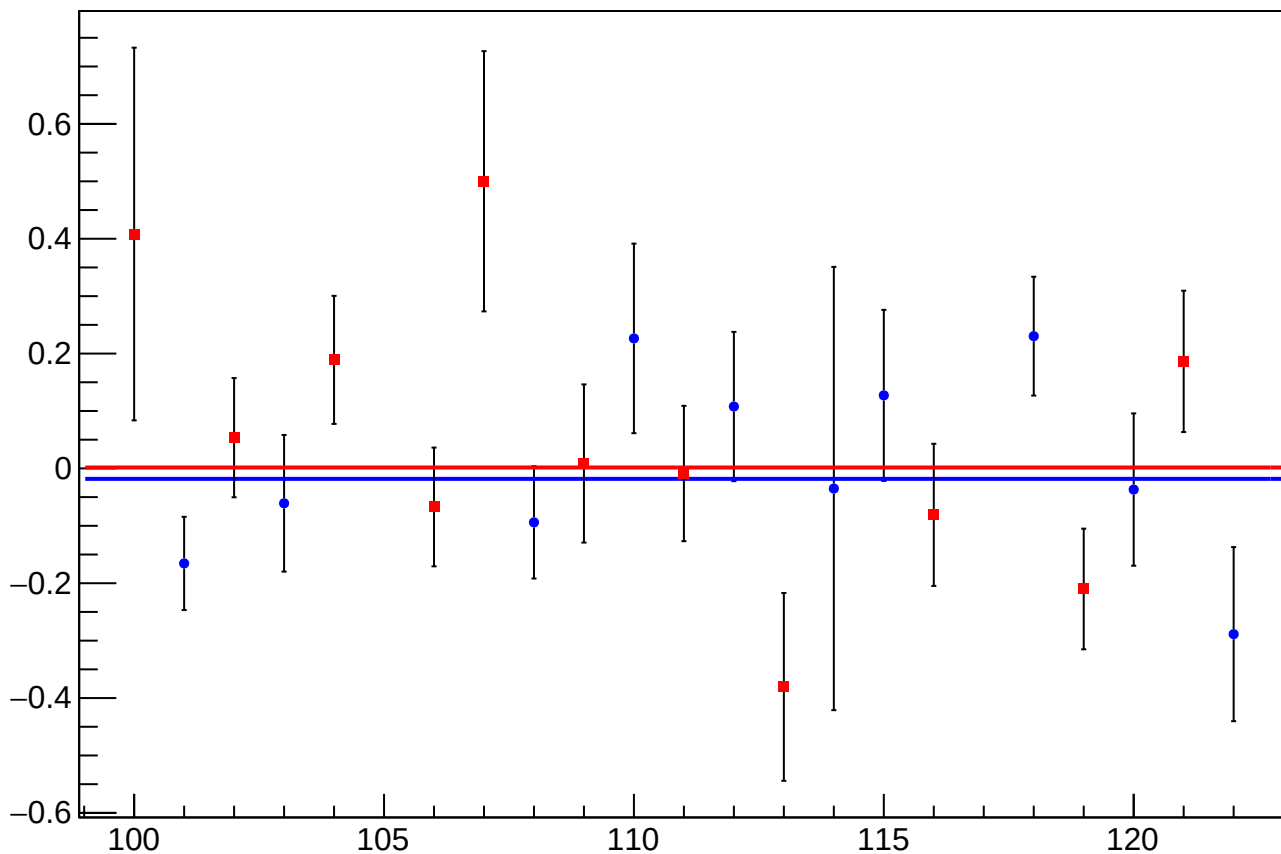
Right: 56.271+/-0.014 χ^2/NDF : 818024.7/20

In: 55.428+/-0.021 χ^2/NDF : 373963.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.271+/-0.014 χ^2/NDF : 818024.7/20

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: 0.002+/-0.038 χ^2/NDF : 22.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

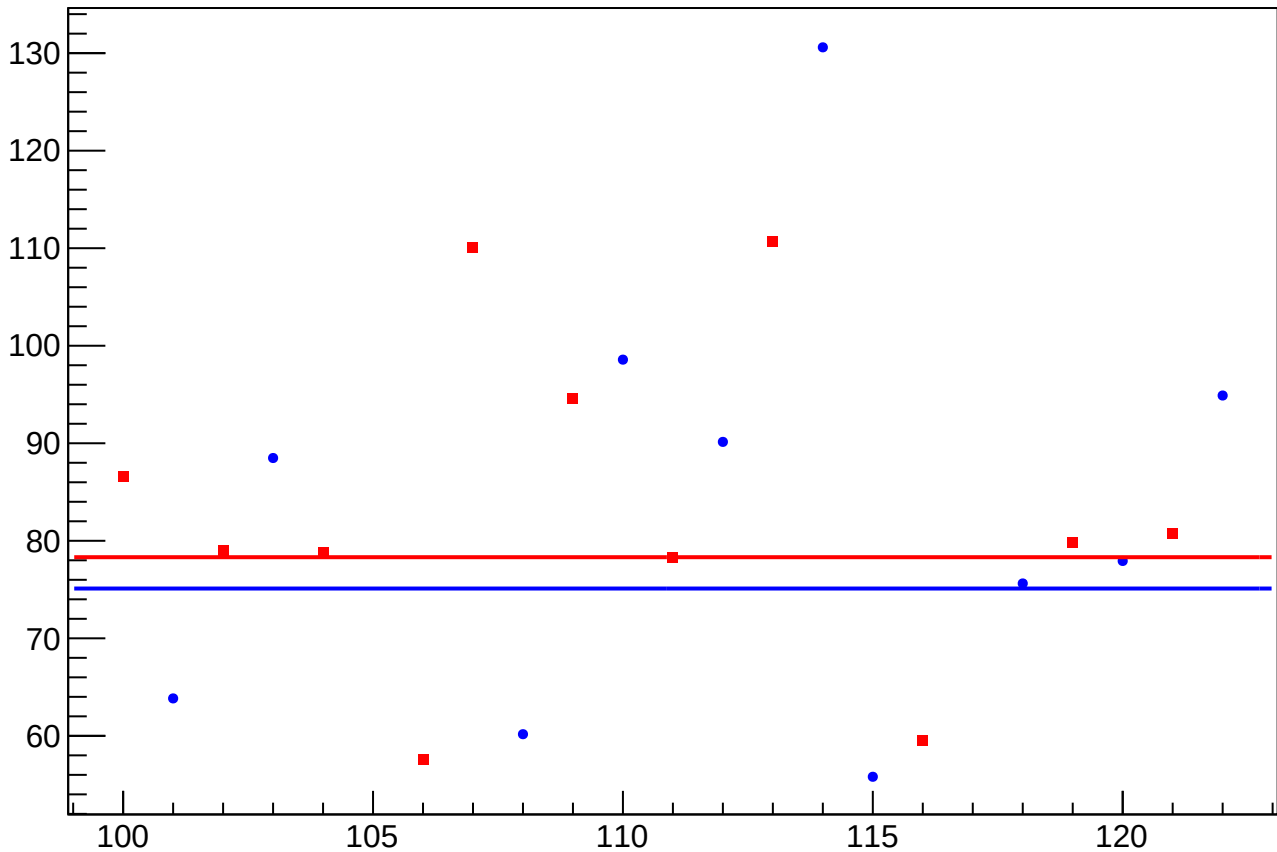
Right: -0.008+/-0.027 χ^2/NDF : 39.4/20

In: -0.018+/-0.039 χ^2/NDF : 17.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.027 χ^2/NDF : 39.4/20

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.105+/-0.027 χ^2/NDF : 287518.4/9

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

Right Out: 78.318+/-0.027 χ^2/NDF : 274497.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

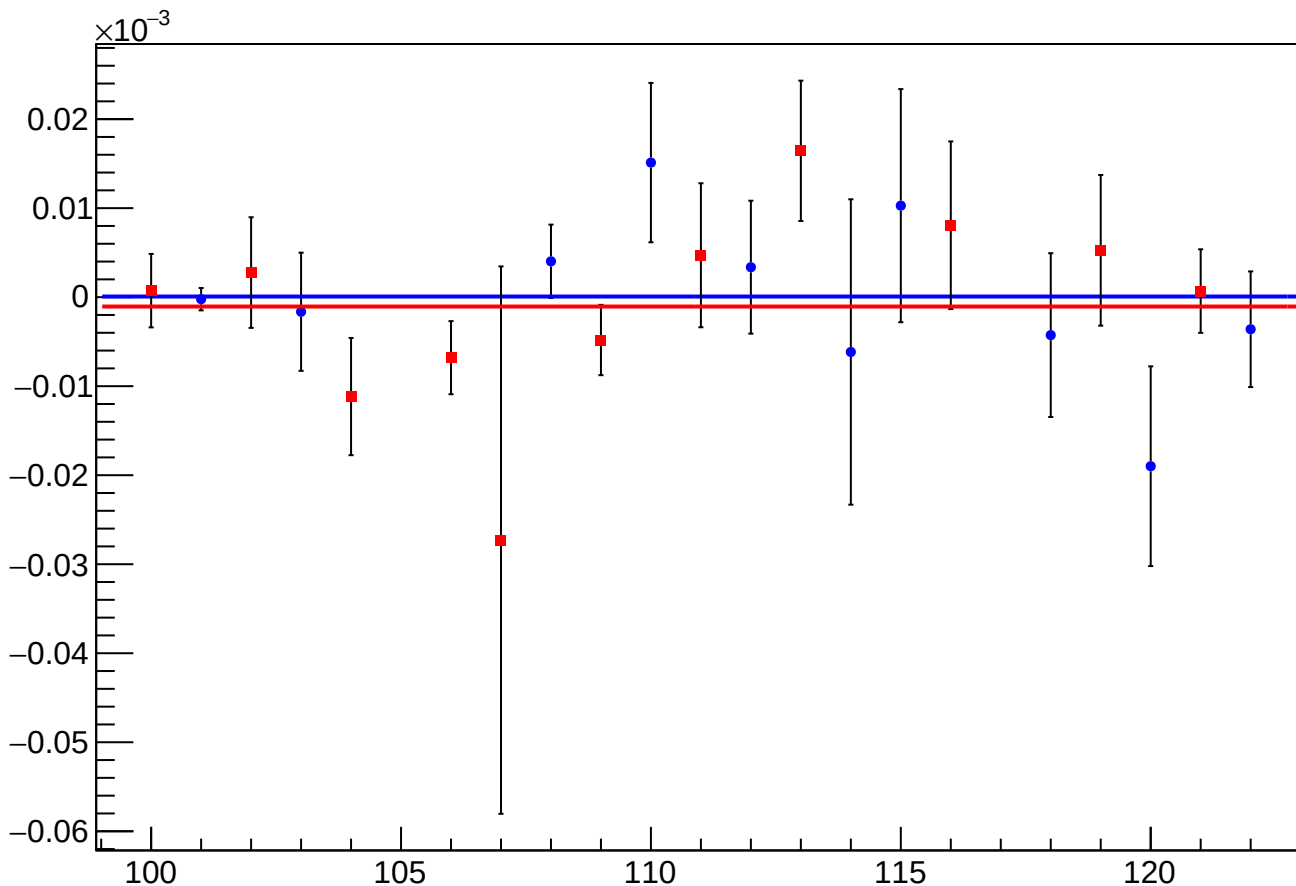
Right: 76.725+/-0.019 χ^2/NDF : 568969.4/20

In: 75.105+/-0.027 χ^2/NDF : 287518.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.725+/-0.019 χ^2/NDF : 568969.4/20

asym_us_avg_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 : 13.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

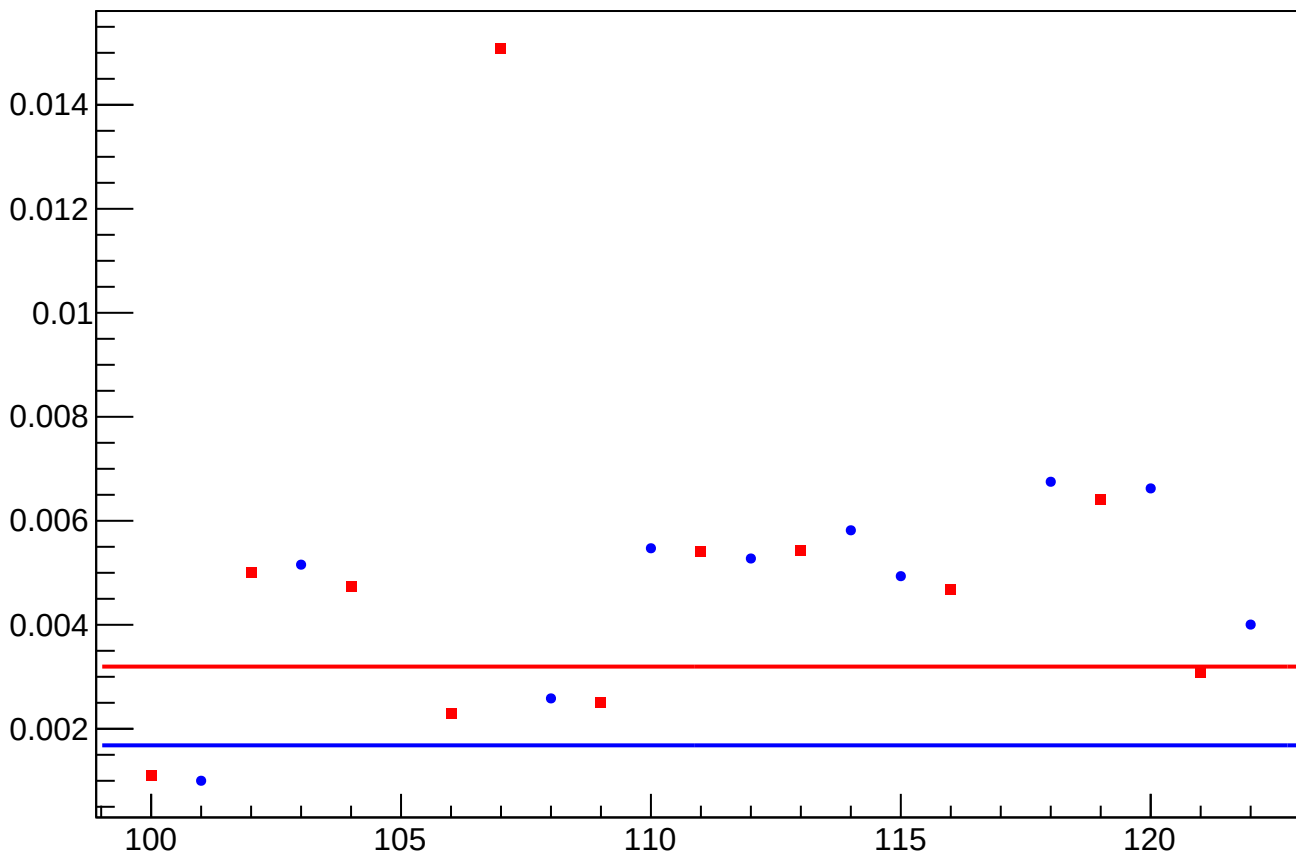
Right: -0.000+/-0.000 χ^2/NDF : 22.1/20

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 : 22.1/20

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3543164.5/9

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

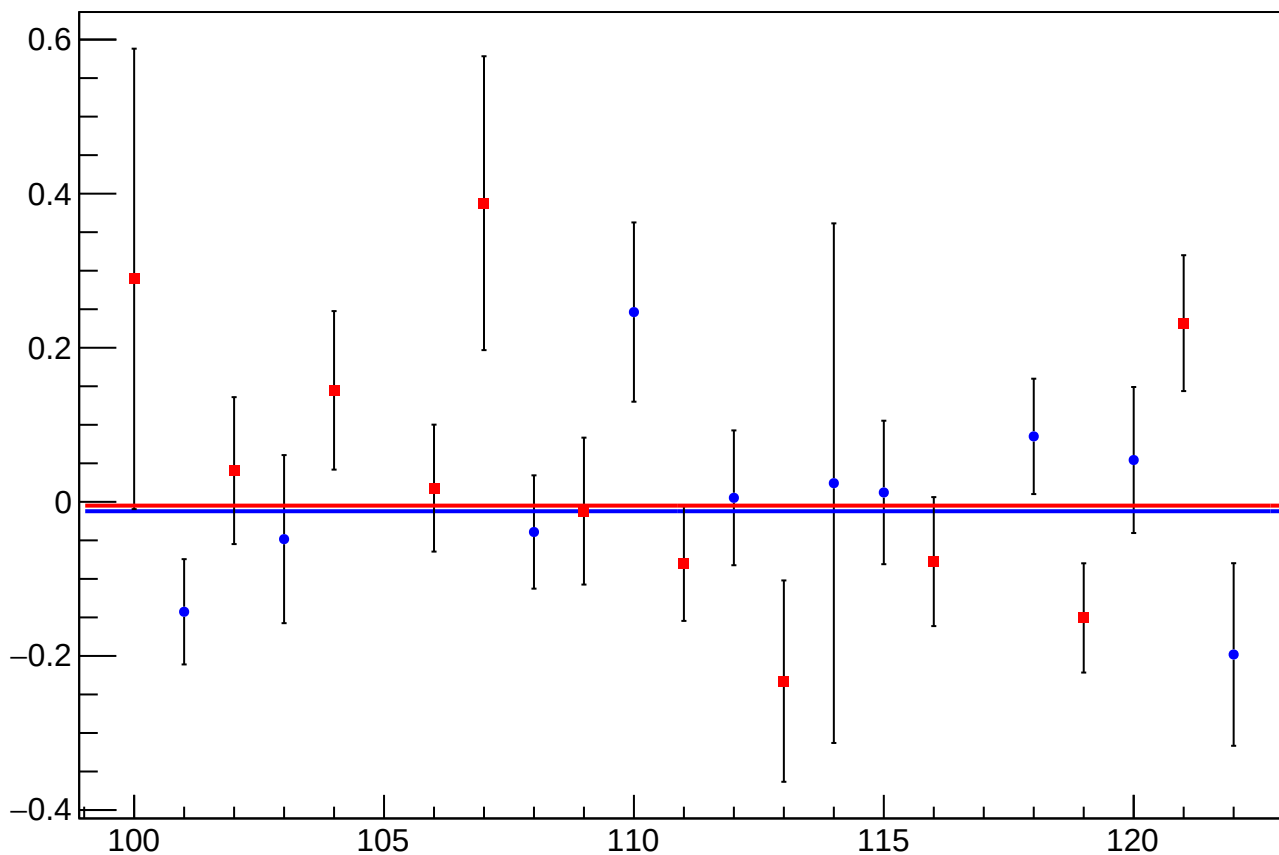
Right: 0.002+/-0.000 χ^2/NDF : 6519053.9/20

In: 0.002+/-0.000 χ^2/NDF :3543164.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6519053.9/20

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.029 χ^2 /NDF: 13.6/9

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

Right Out: -0.005 $\pm$ 0.029 χ^2 /NDF: 23.9/10

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

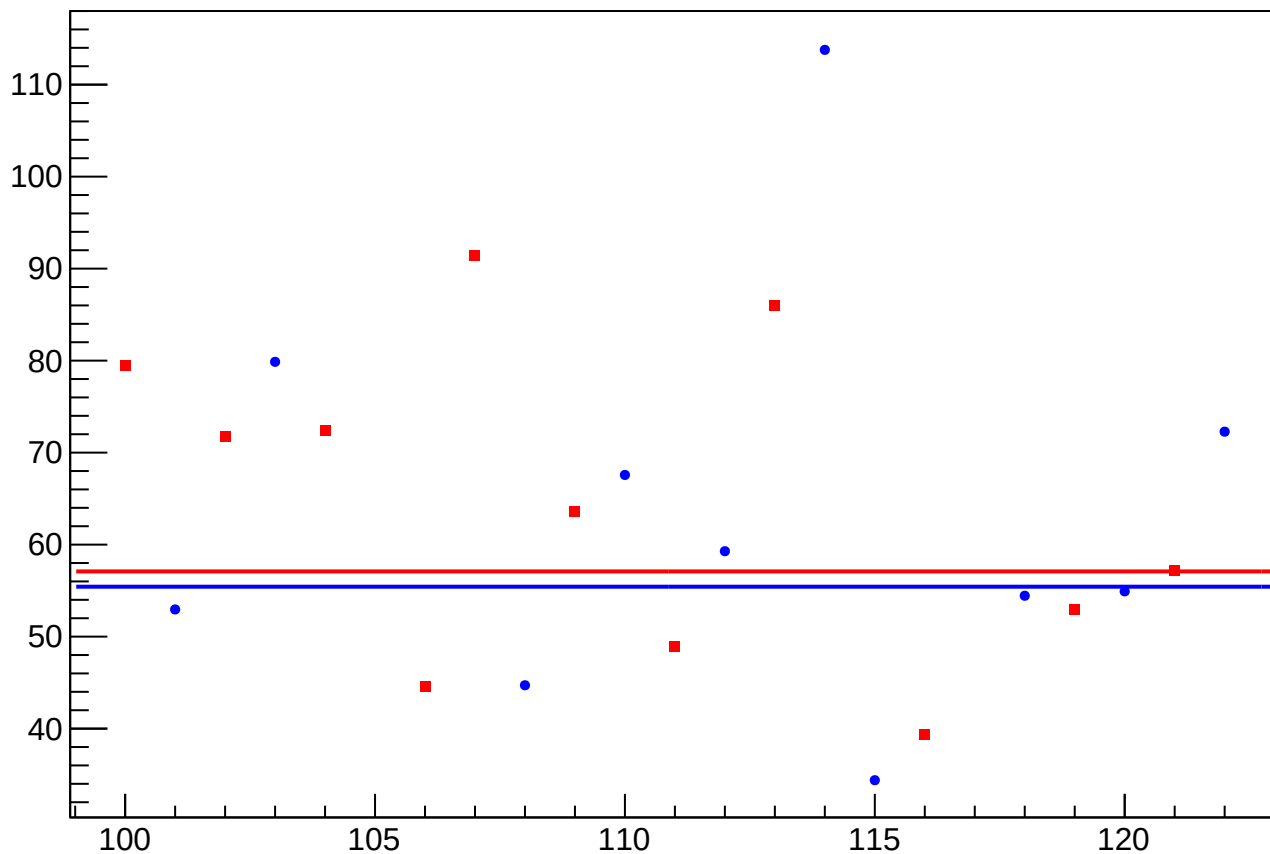
Right: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

In: -0.012 $\pm$ 0.029 χ^2 /NDF:13.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.427+/-0.021 χ^2/NDF : 373992.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

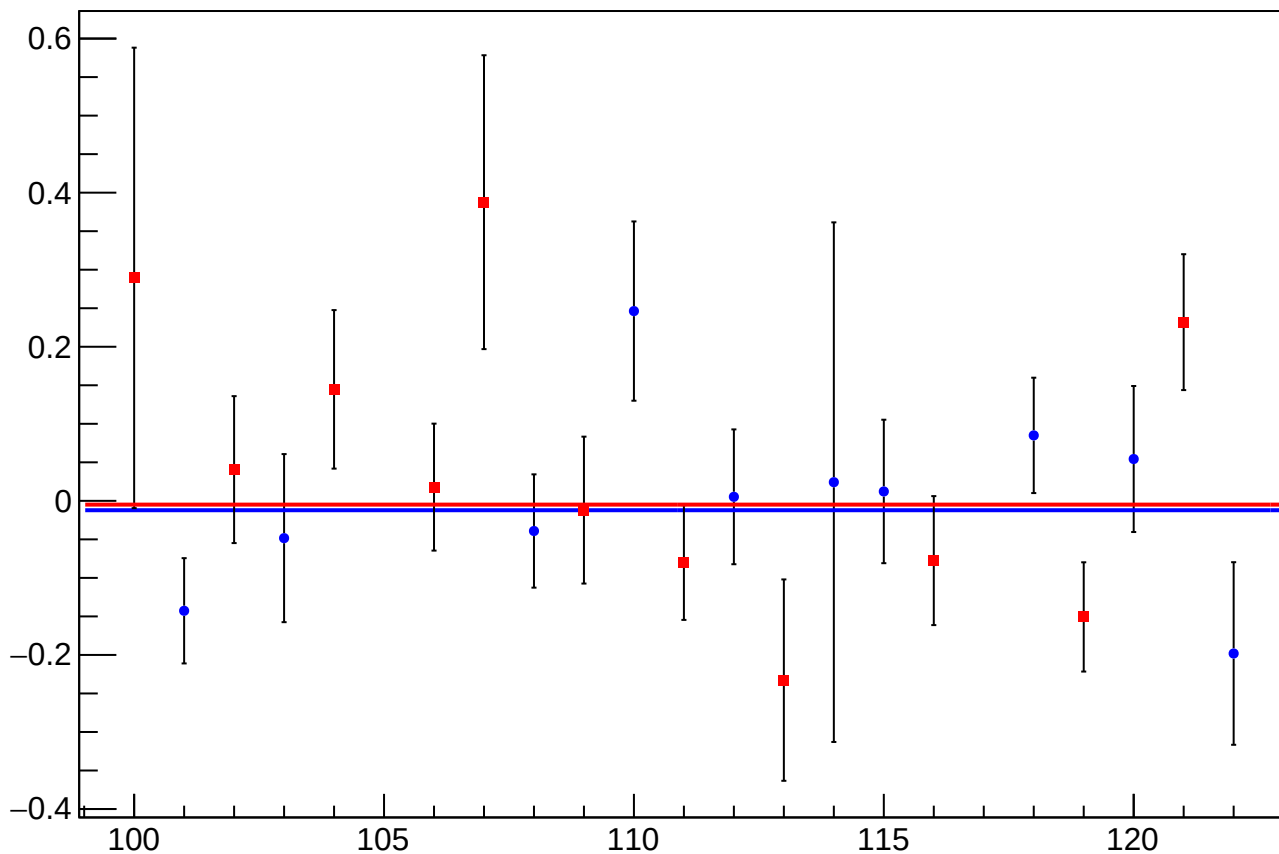
Right: 56.270+/-0.014 χ^2/NDF : 818061.2/20

In: 55.427+/-0.021 χ^2/NDF : 373992.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.270+/-0.014 χ^2/NDF : 818061.2/20

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.029 χ^2 /NDF: 13.6/9

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

Right Out: -0.005 $\pm$ 0.029 χ^2 /NDF: 23.9/10

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

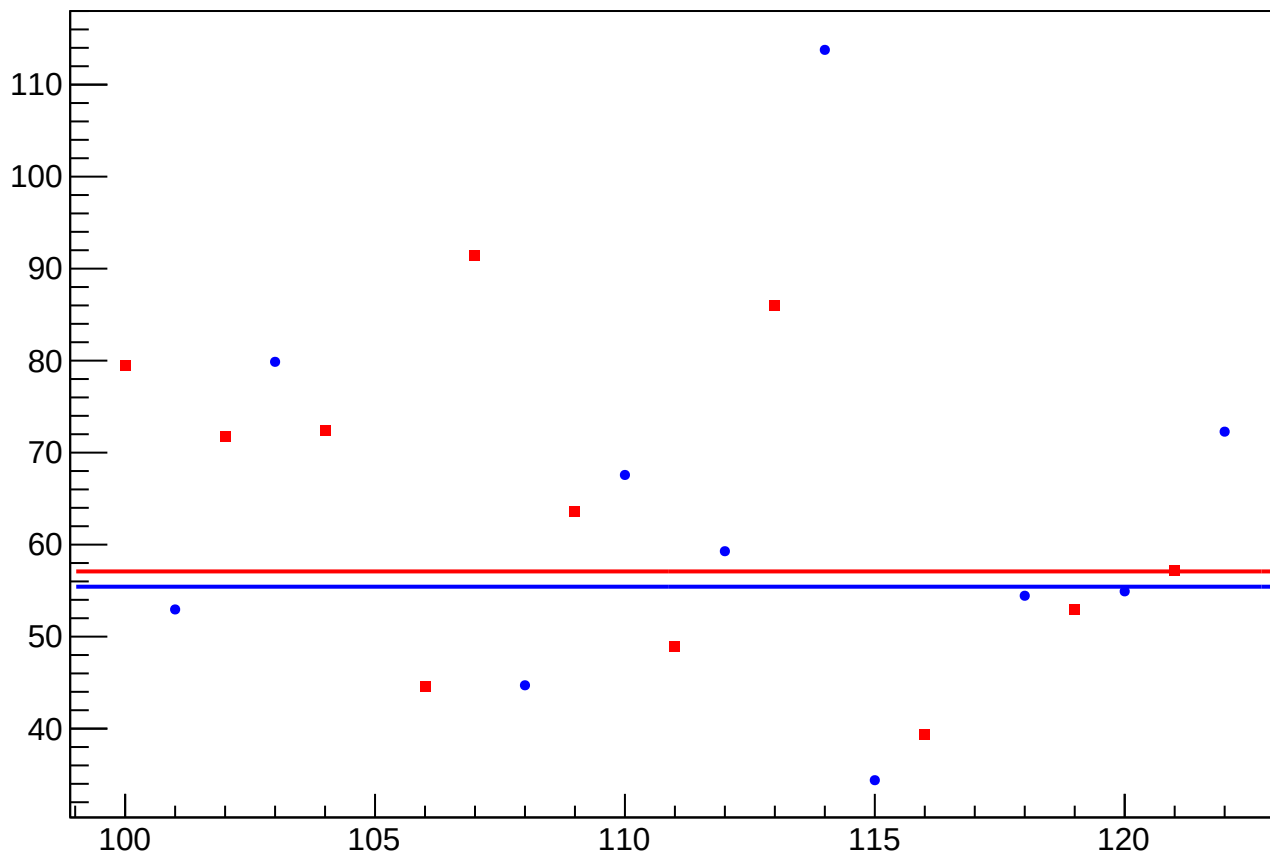
Right: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

In: -0.012 $\pm$ 0.029 χ^2 /NDF:13.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.427+/-0.021 χ^2/NDF : 373992.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

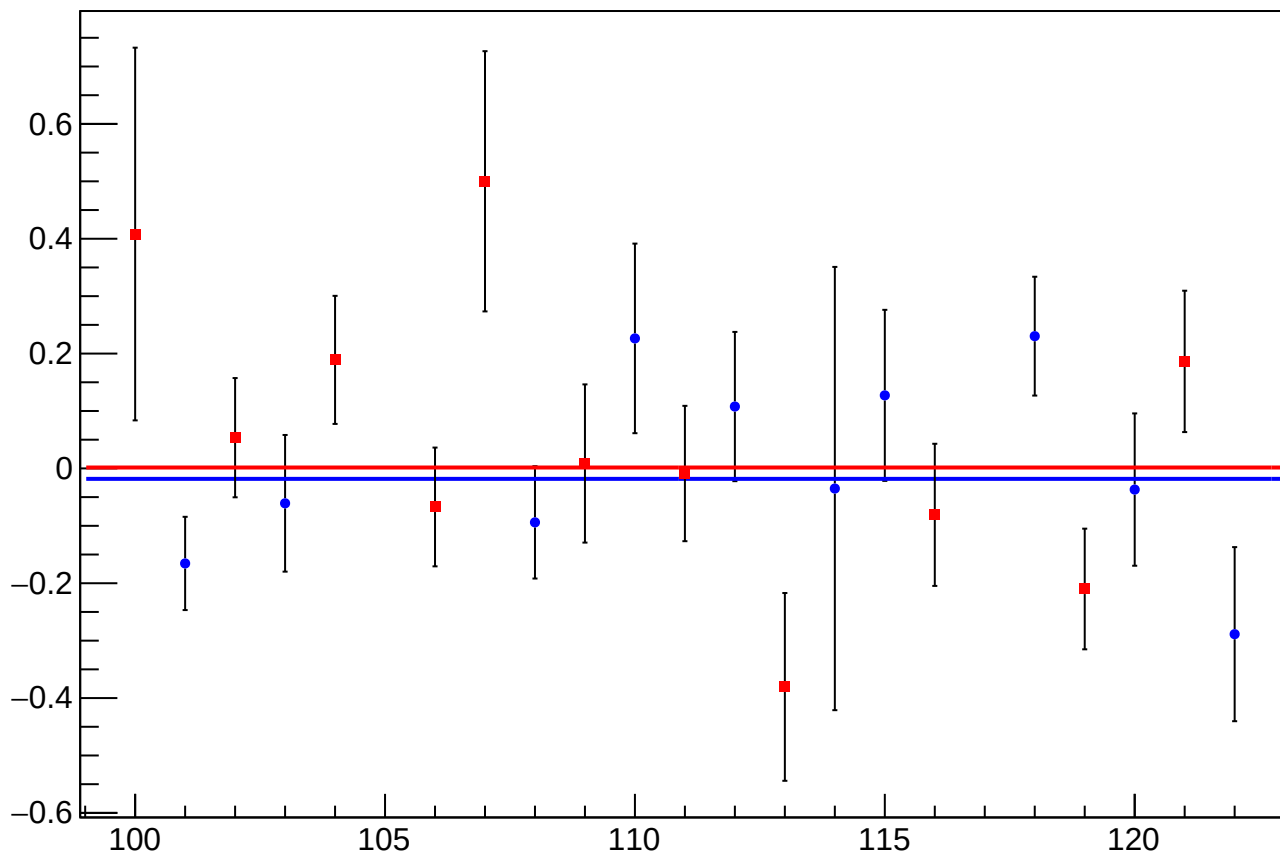
Right: 56.270+/-0.014 χ^2/NDF : 818061.2/20

In: 55.427+/-0.021 χ^2/NDF : 373992.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.270+/-0.014 χ^2/NDF : 818061.2/20

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: 0.002+/-0.038 χ^2/NDF : 22.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

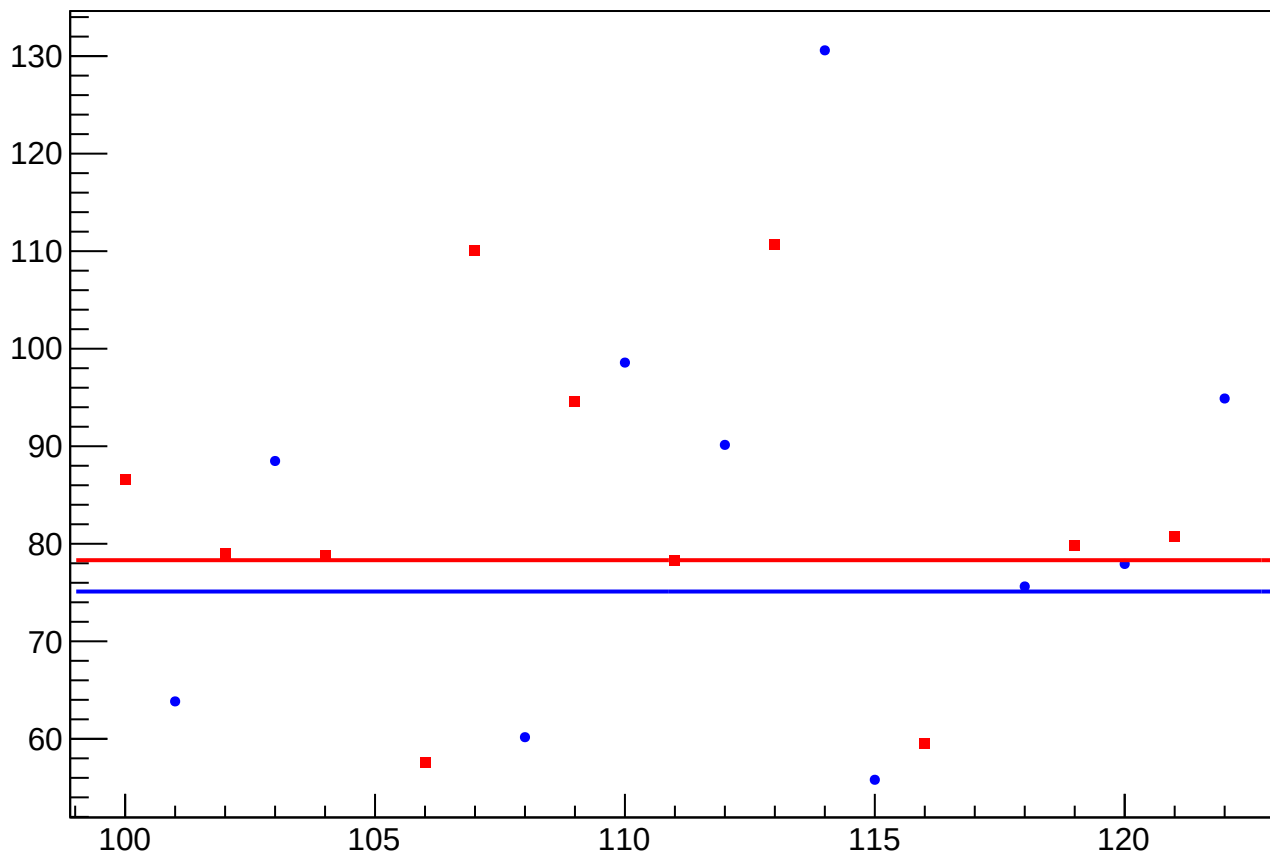
Right: -0.008+/-0.027 χ^2/NDF : 39.4/20

In: -0.018+/-0.039 χ^2/NDF : 17.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.027 χ^2/NDF : 39.4/20

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.105+/-0.027 χ^2/NDF : 287519.5/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

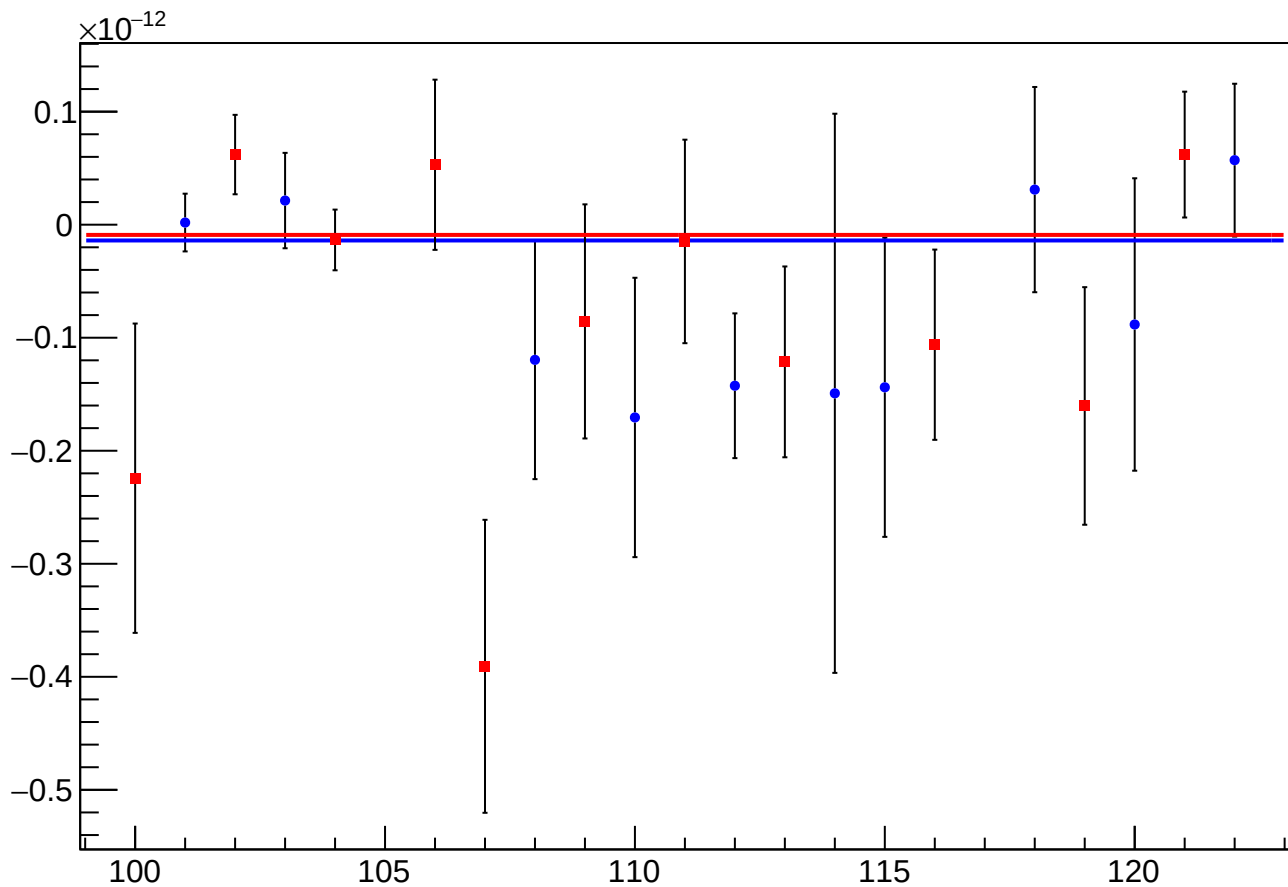
Right: 76.724+/-0.019 χ^2/NDF : 568962.2/20

In: 75.105+/-0.027 χ^2/NDF : 287519.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.724+/-0.019 χ^2/NDF : 568962.2/20

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 : 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

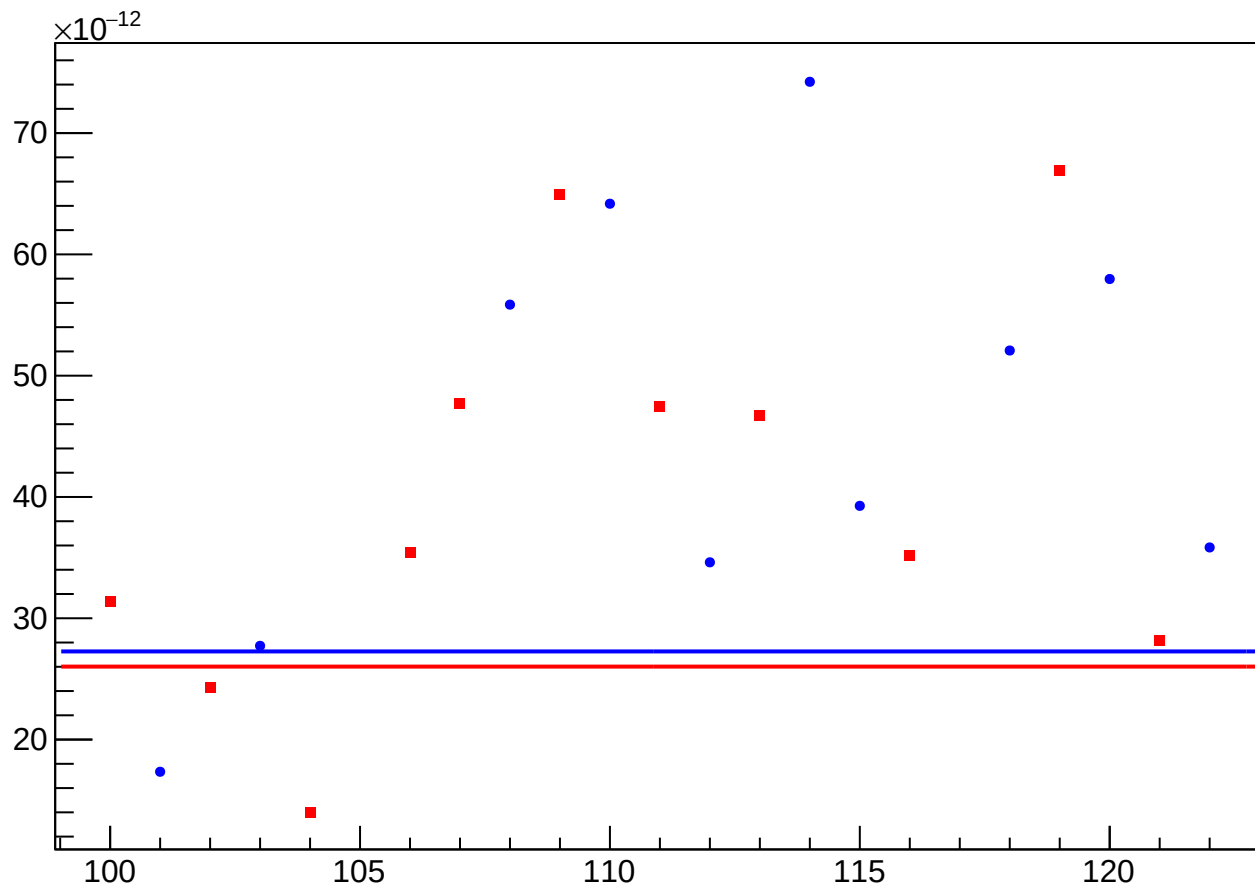
Right: -0.000+/-0.000 χ^2/NDF : 34.0/20

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 : 34.0/20

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1036173.3/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

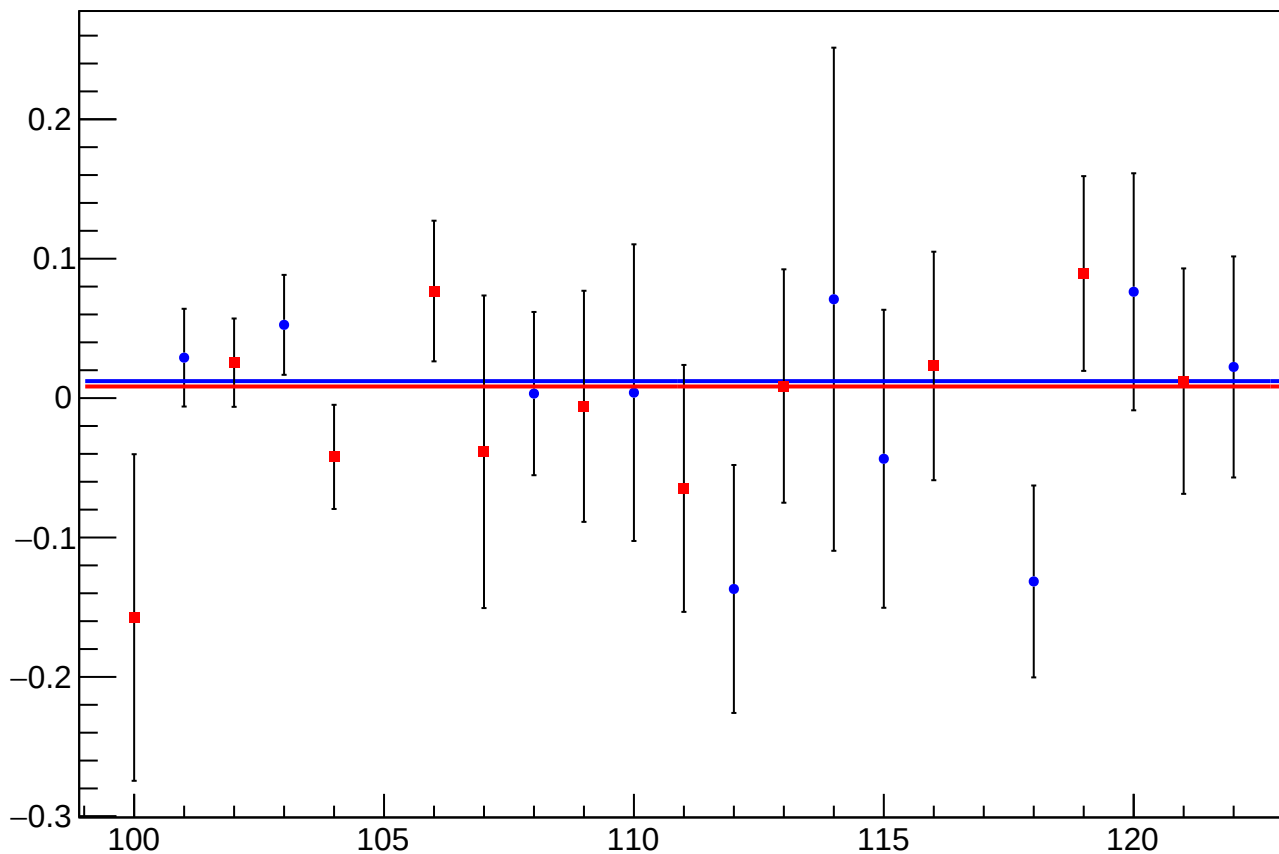
Right: 0.000+/-0.000 χ^2/NDF : 2383724.8/20

In: 0.000+/-0.000 χ^2/NDF : 1036173.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2383724.8/20

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.019 χ^2/NDF : 9.7/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

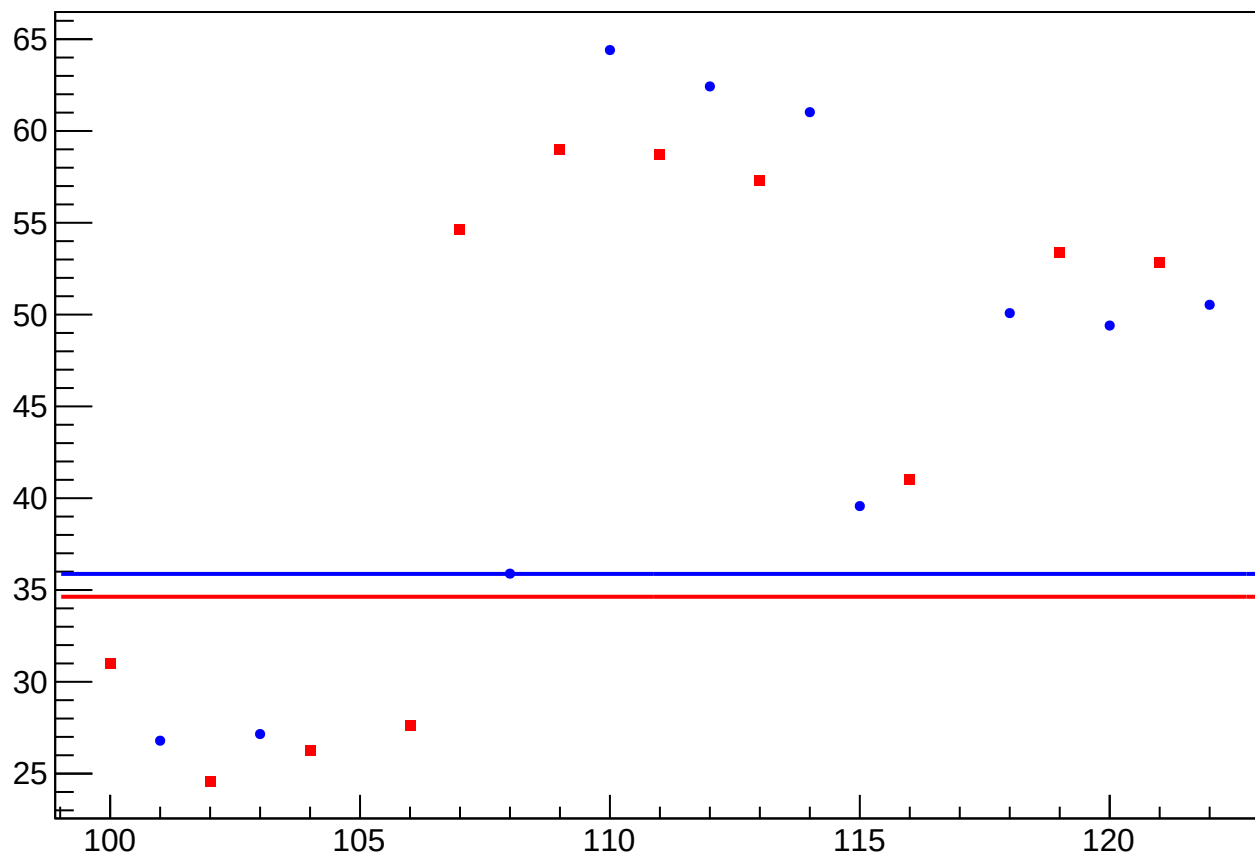
Right: 0.010+/-0.013 χ^2/NDF : 17.9/20

In: 0.012+/-0.019 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 17.9/20

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.877+/-0.014 χ^2/NDF : 820097.7/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

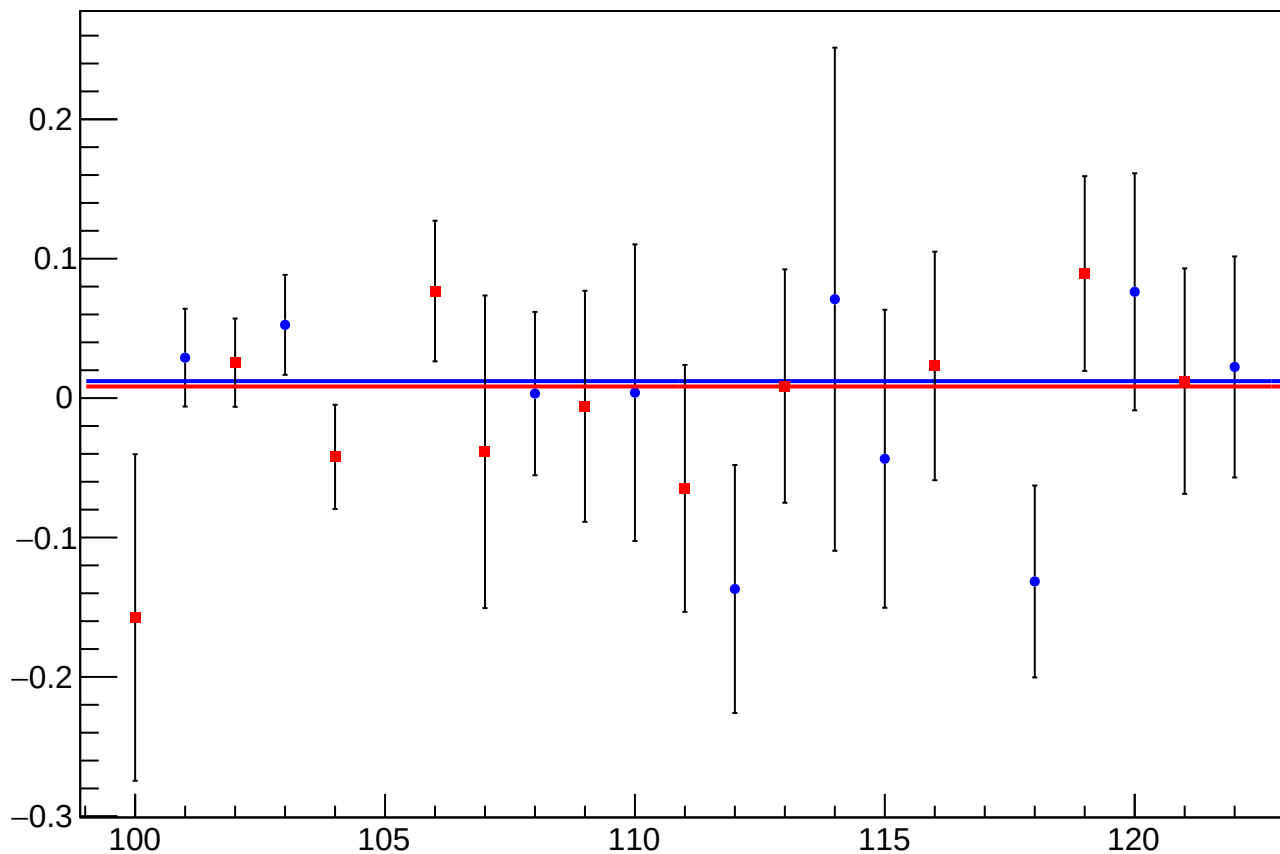
Right: 35.206+/-0.009 χ^2/NDF : 1955916.0/20

In: 35.877+/-0.014 χ^2/NDF : 820097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.206+/-0.009 χ^2/NDF : 1955916.0/20

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.019 χ^2/NDF : 9.7/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

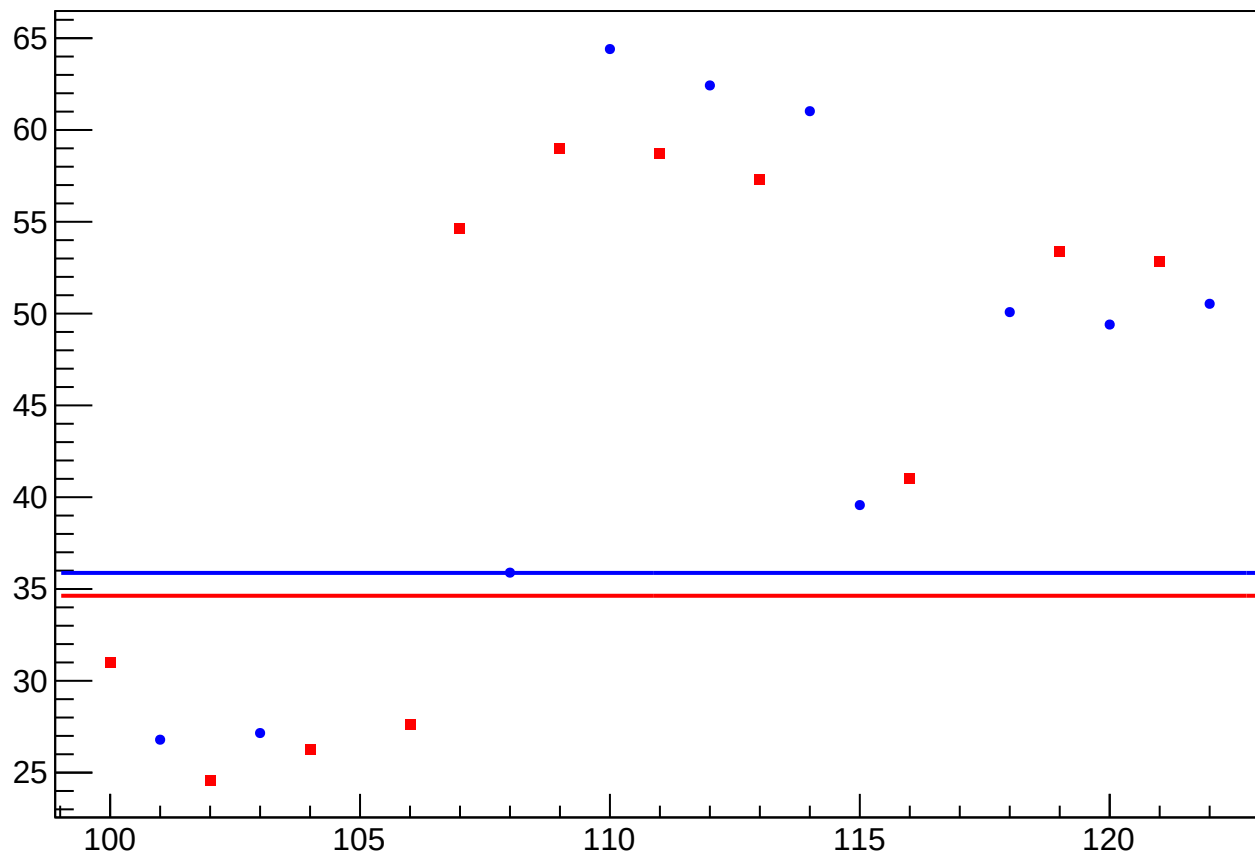
Right: 0.010+/-0.013 χ^2/NDF : 17.9/20

In: 0.012+/-0.019 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 17.9/20

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.877+/-0.014 χ^2/NDF : 820097.7/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

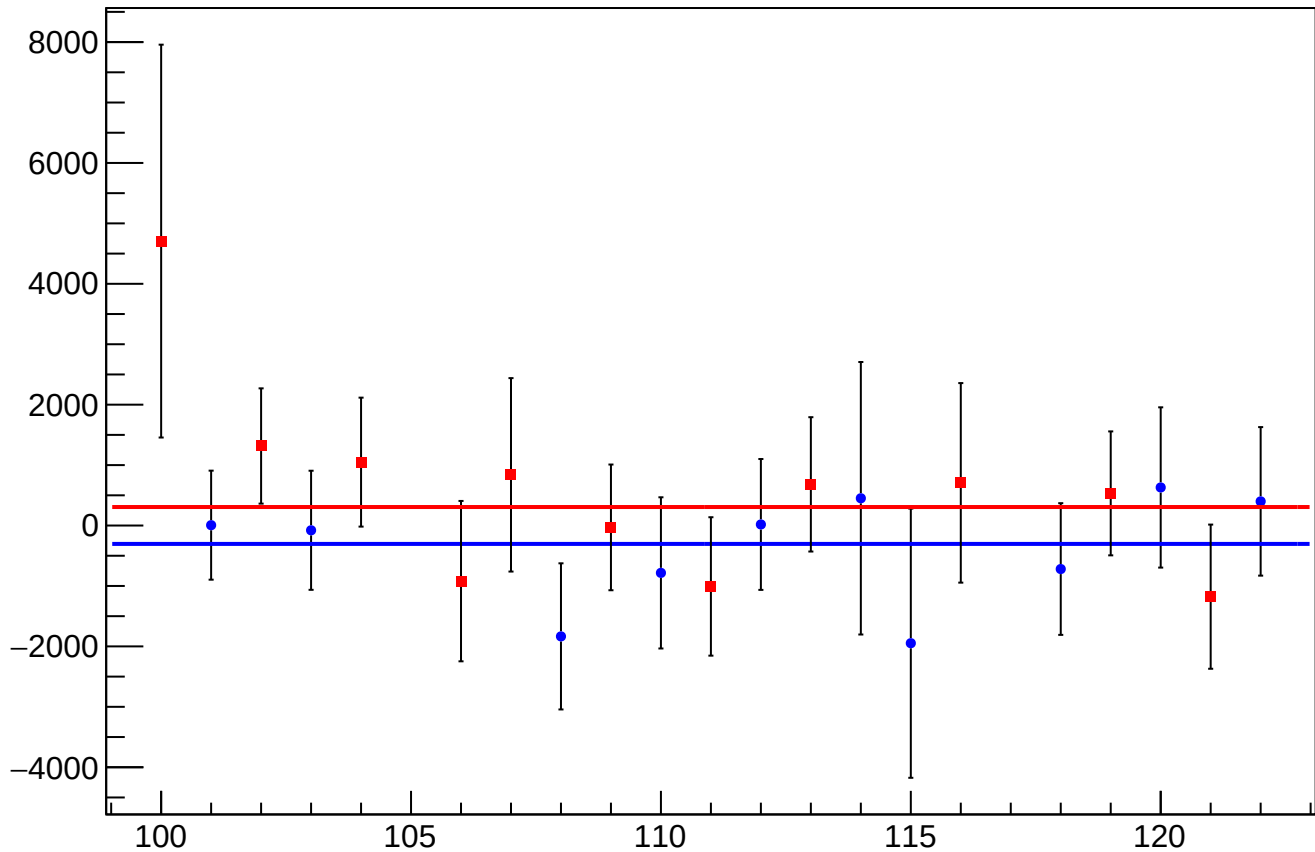
Right: 35.206+/-0.009 χ^2/NDF : 1955916.0/20

In: 35.877+/-0.014 χ^2/NDF : 820097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.206+/-0.009 χ^2/NDF : 1955916.0/20

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -304.214+/-380.535 χ^2/NDF : 3.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

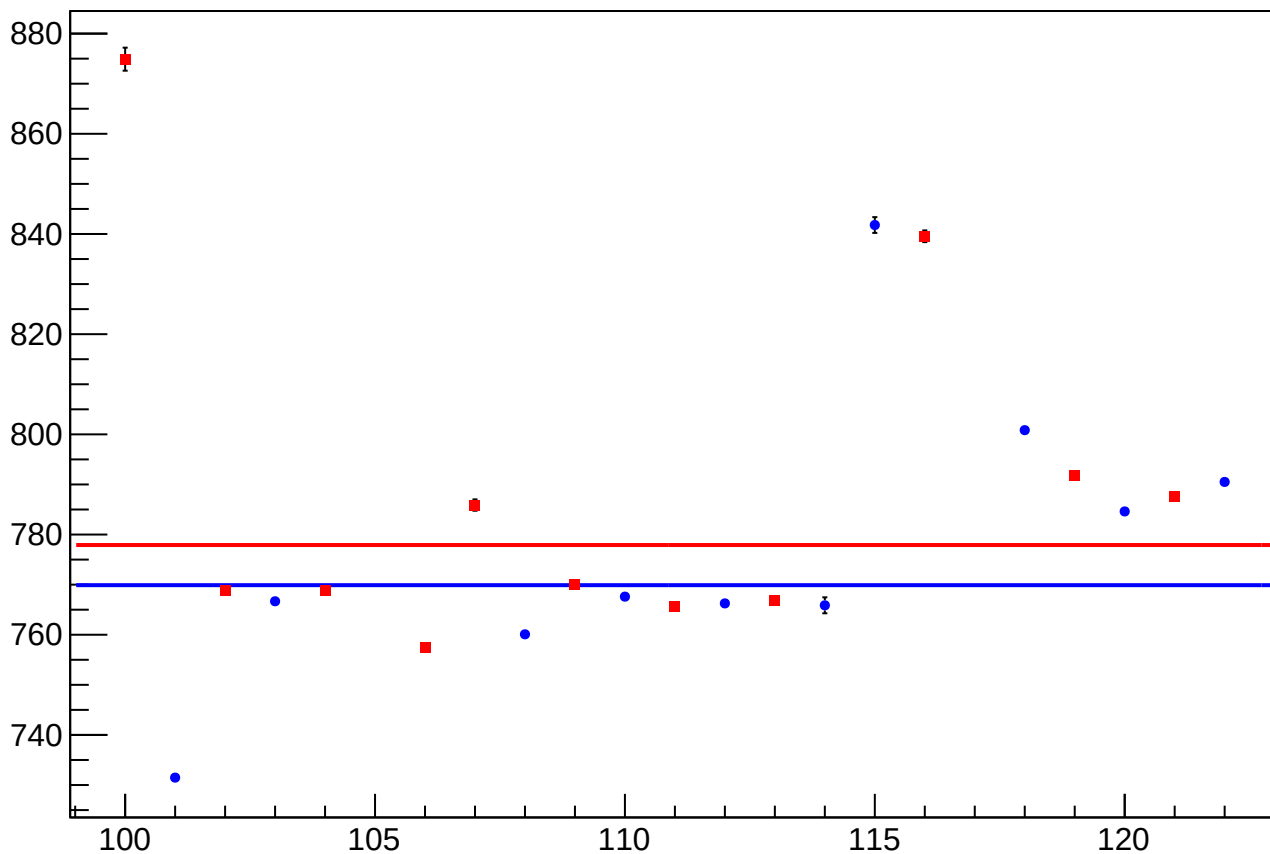
Right: 14.550+/-263.043 χ^2/NDF : 12.6/20

In: -304.214+/-380.535 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.550+/-263.043 χ^2/NDF : 12.6/20

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 769.894+/-0.269 χ^2/NDF : 8320.7/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

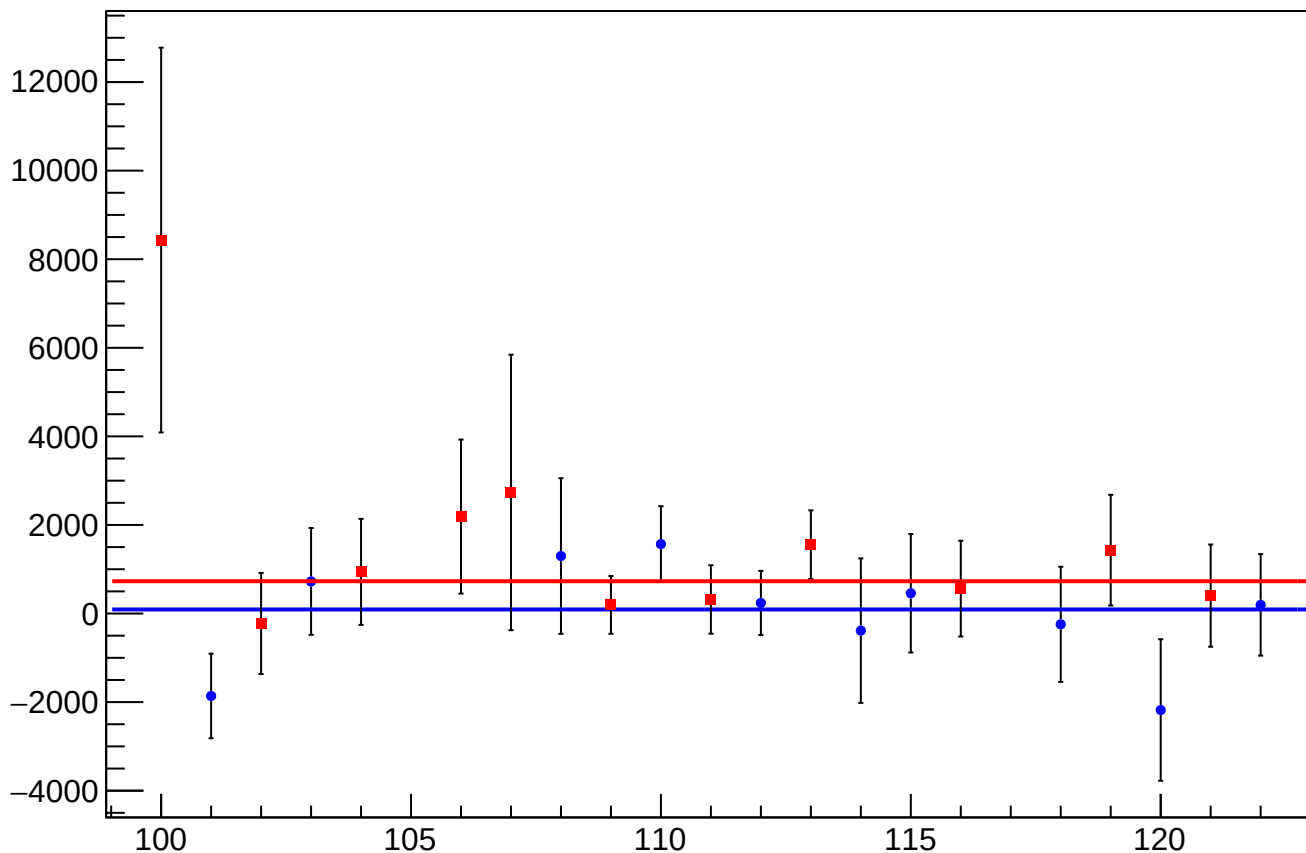
Right: 774.080+/-0.186 χ^2/NDF : 15240.5/20

In: 769.894+/-0.269 χ^2/NDF : 8320.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.080+/-0.186 χ^2/NDF : 15240.5/20

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 91.952+/-352.059 χ^2/NDF : 10.2/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

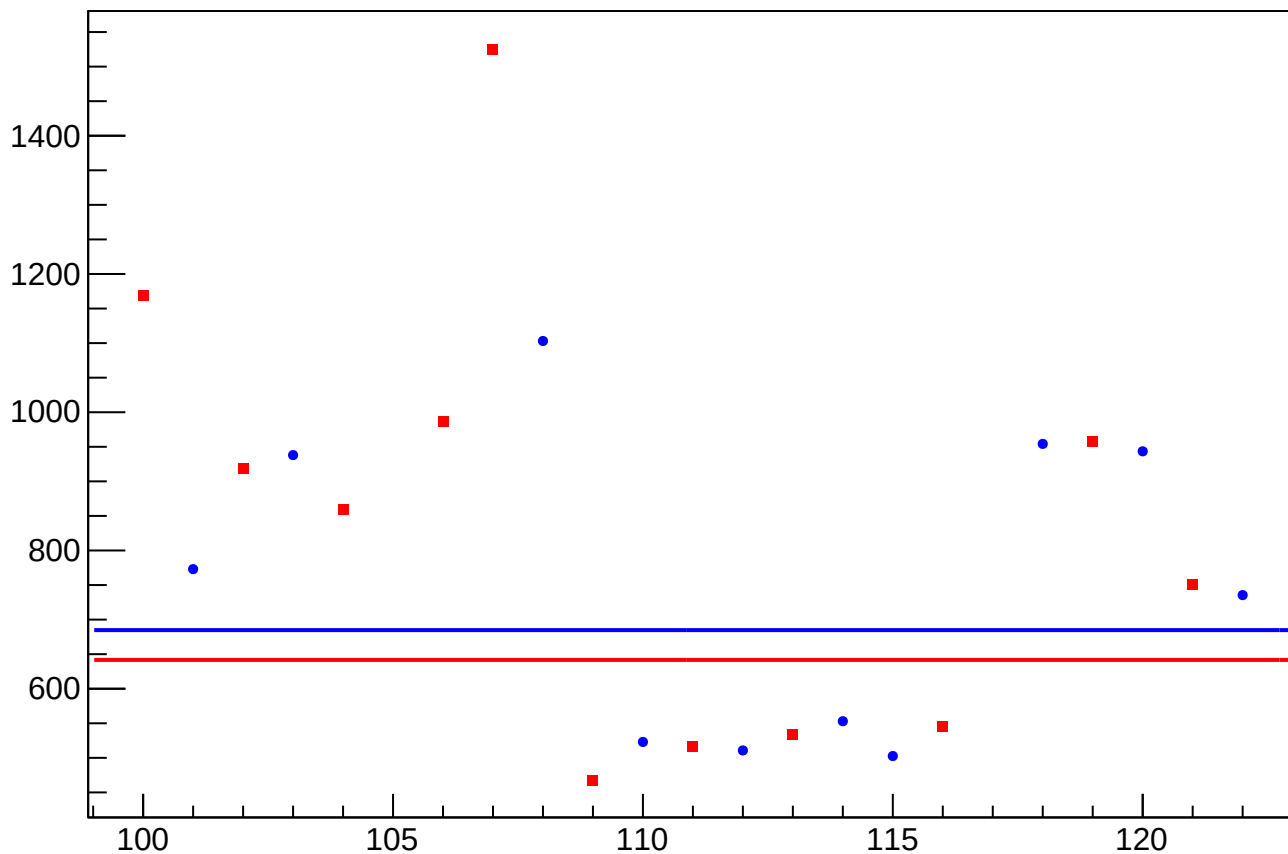
Right: 442.886+/-235.957 χ^2/NDF : 19.5/20

In: 91.952+/-352.059 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.886+/-235.957 χ^2/NDF : 19.5/20

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 684.822+/-0.249 χ^2/NDF : 598369.2/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

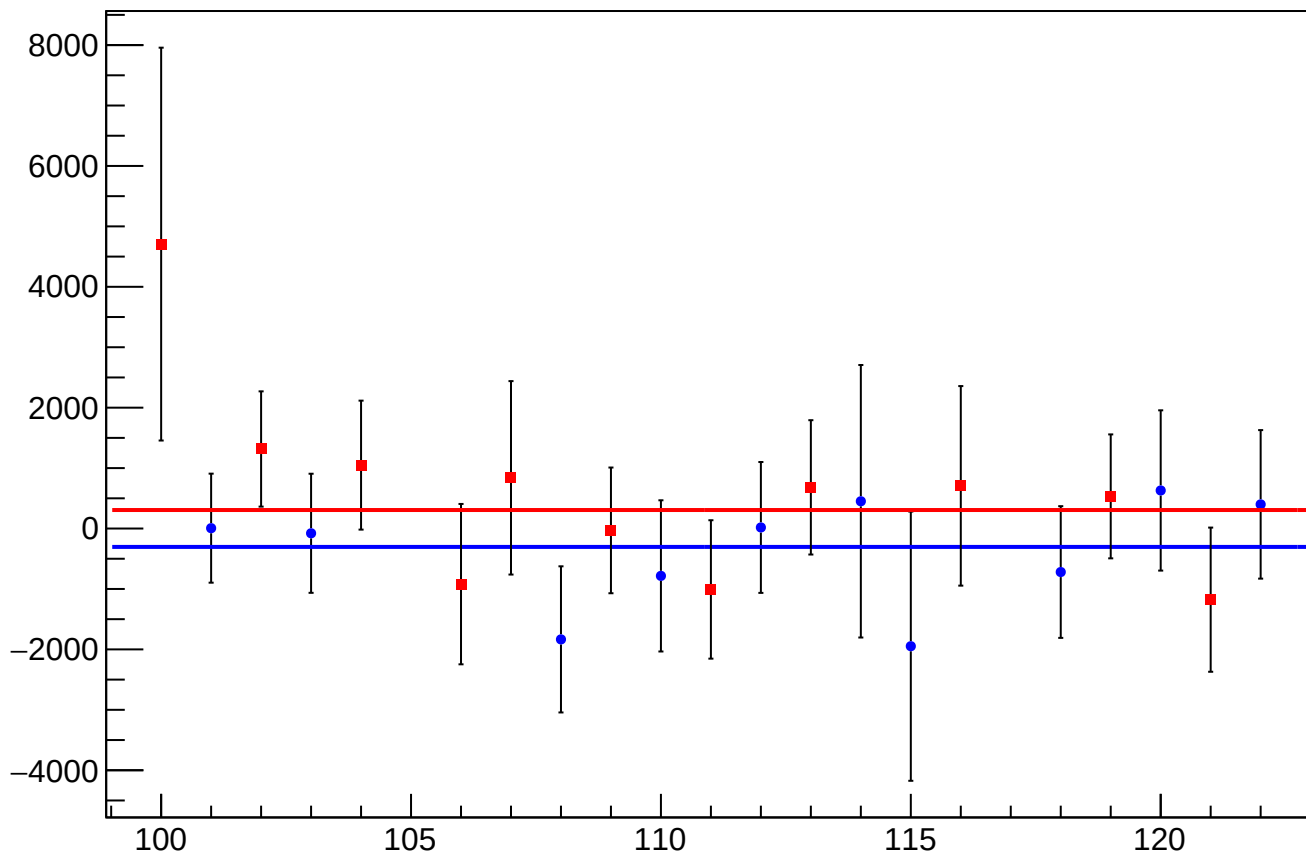
Right: 661.068+/-0.167 χ^2/NDF : 1465409.4/20

In: 684.822+/-0.249 χ^2/NDF : 598369.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.068+/-0.167 χ^2/NDF : 1465409.4/20

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -304.214+/-380.535 χ^2/NDF : 3.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

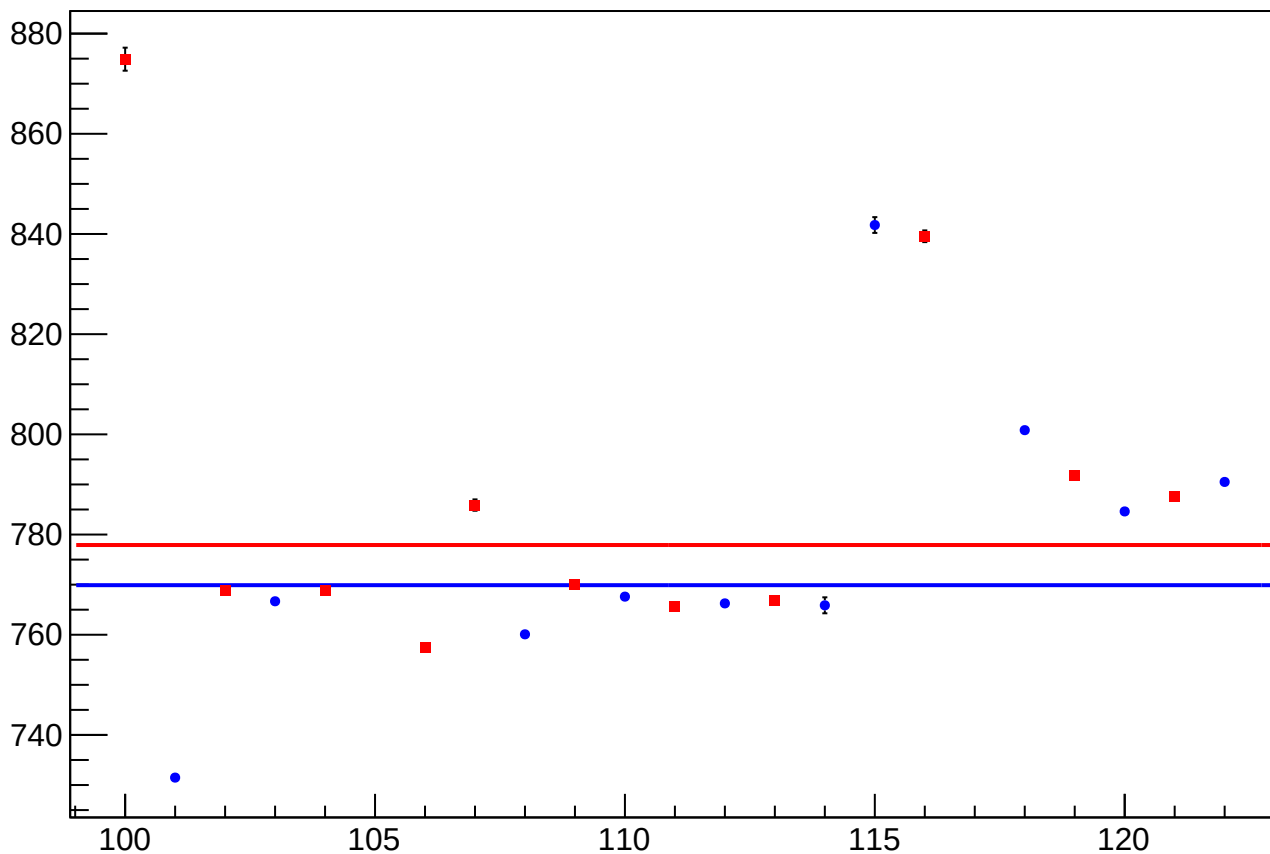
Right: 14.550+/-263.043 χ^2/NDF : 12.6/20

In: -304.214+/-380.535 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.550+/-263.043 χ^2/NDF : 12.6/20

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 769.894 $\pm$ 0.269 χ^2 /NDF: 8320.7/9

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

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

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

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

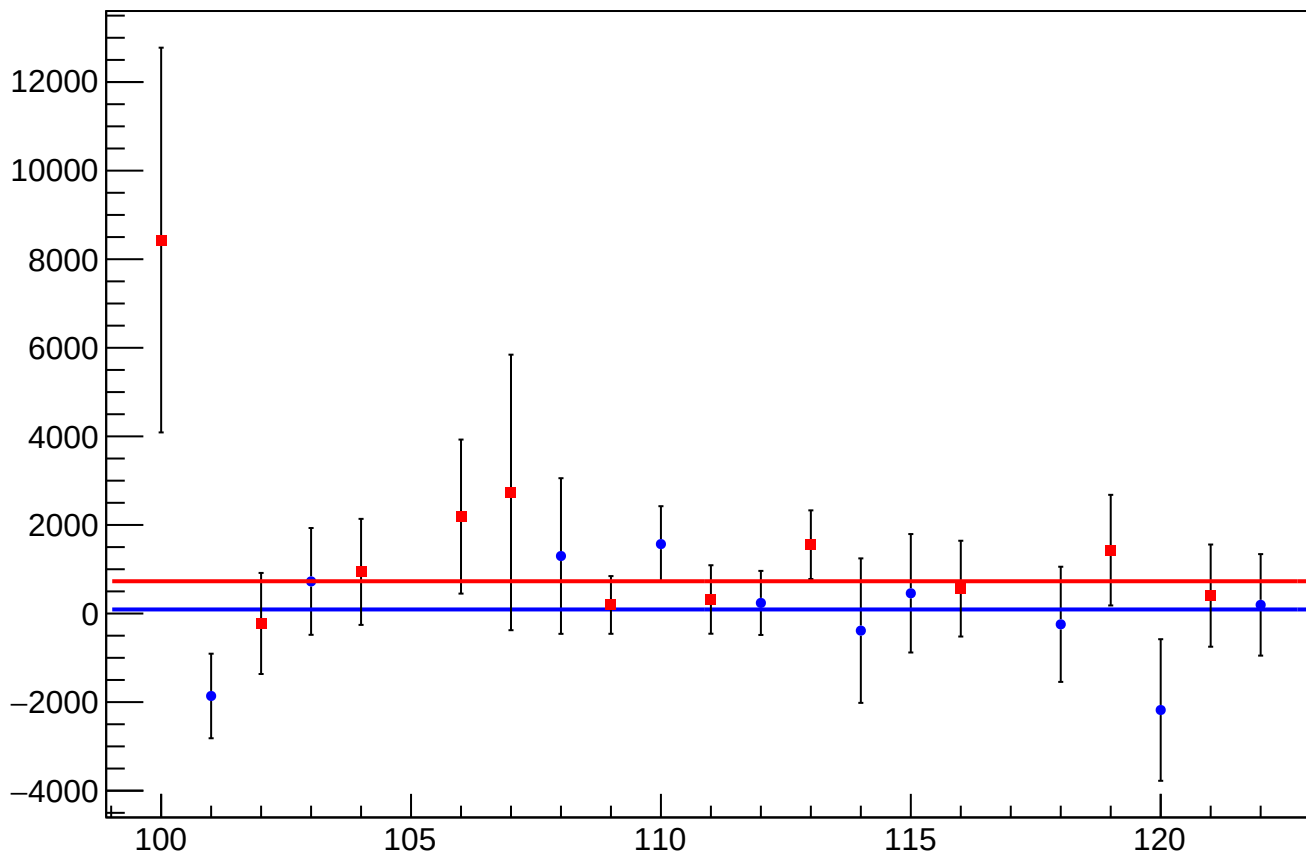
Right: 774.080 $\pm$ 0.186 χ^2 /NDF: 15240.5/20

In: 769.894 $\pm$ 0.269 χ^2 /NDF: 8320.7/9

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

All: 774.080 $\pm$ 0.186 χ^2 /NDF: 15240.5/20

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 91.952+/-352.059 χ^2/NDF : 10.2/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

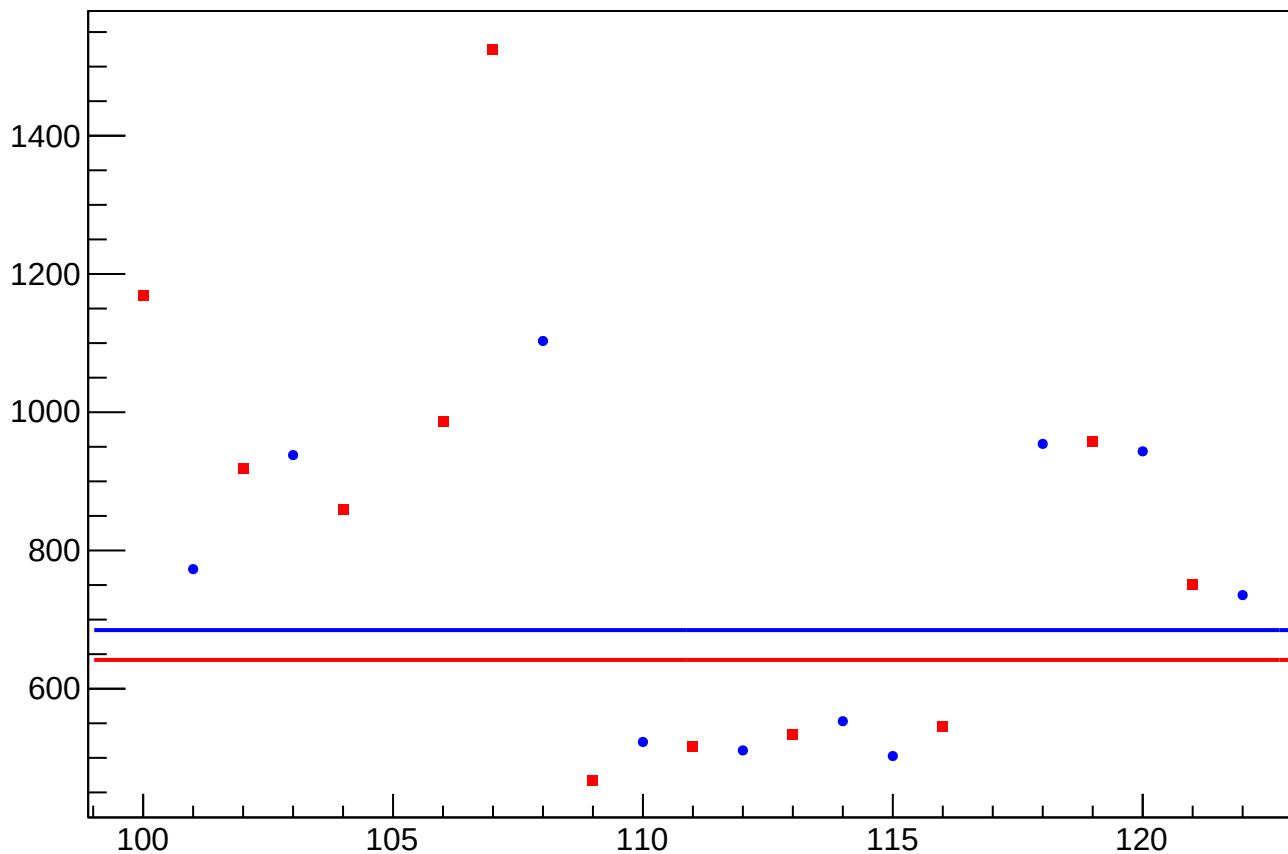
Right: 442.886+/-235.957 χ^2/NDF : 19.5/20

In: 91.952+/-352.059 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.886+/-235.957 χ^2/NDF : 19.5/20

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 684.822+/-0.249 χ^2/NDF : 598369.2/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

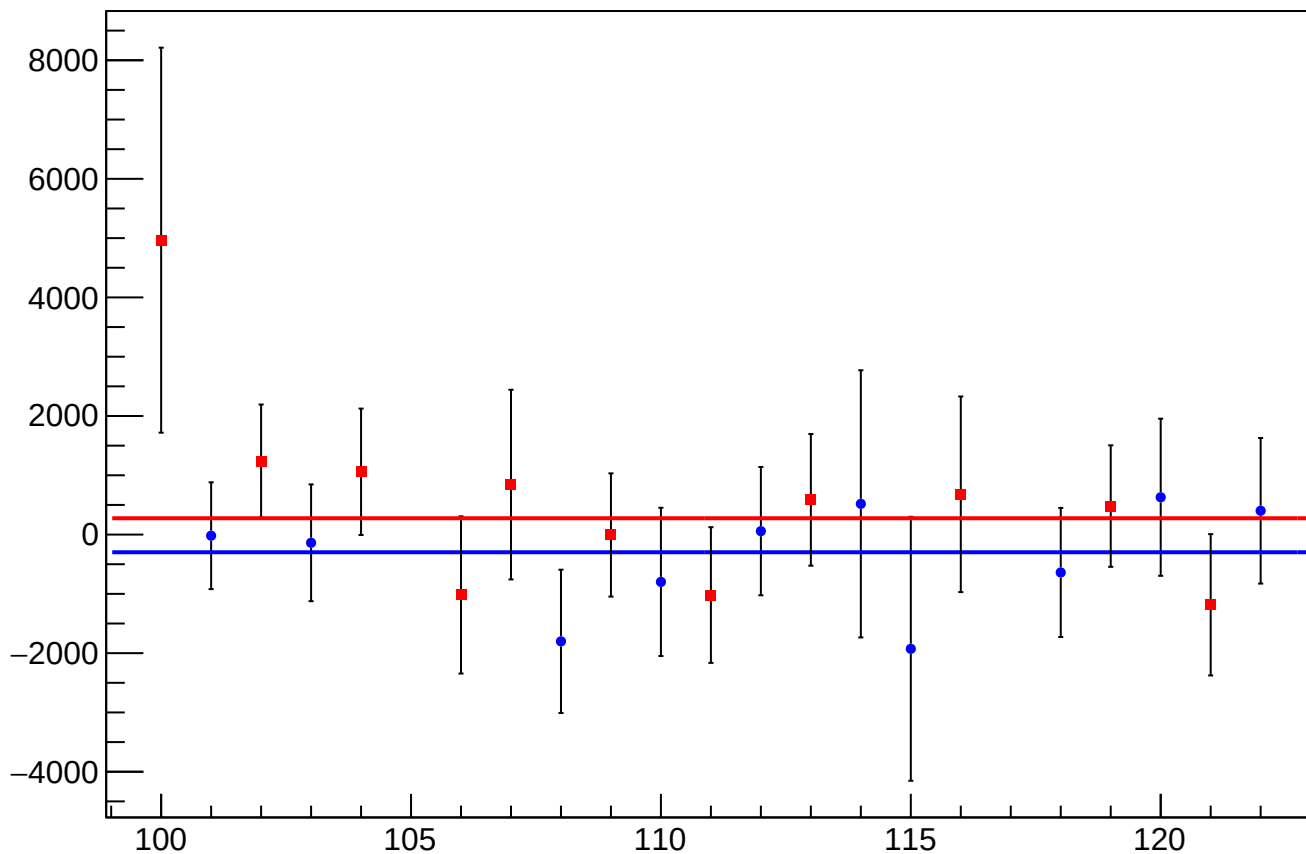
Right: 661.068+/-0.167 χ^2/NDF : 1465409.4/20

In: 684.822+/-0.249 χ^2/NDF : 598369.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.068+/-0.167 χ^2/NDF : 1465409.4/20

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -298.158+/-380.181 χ^2 /NDF: 3.5/9

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

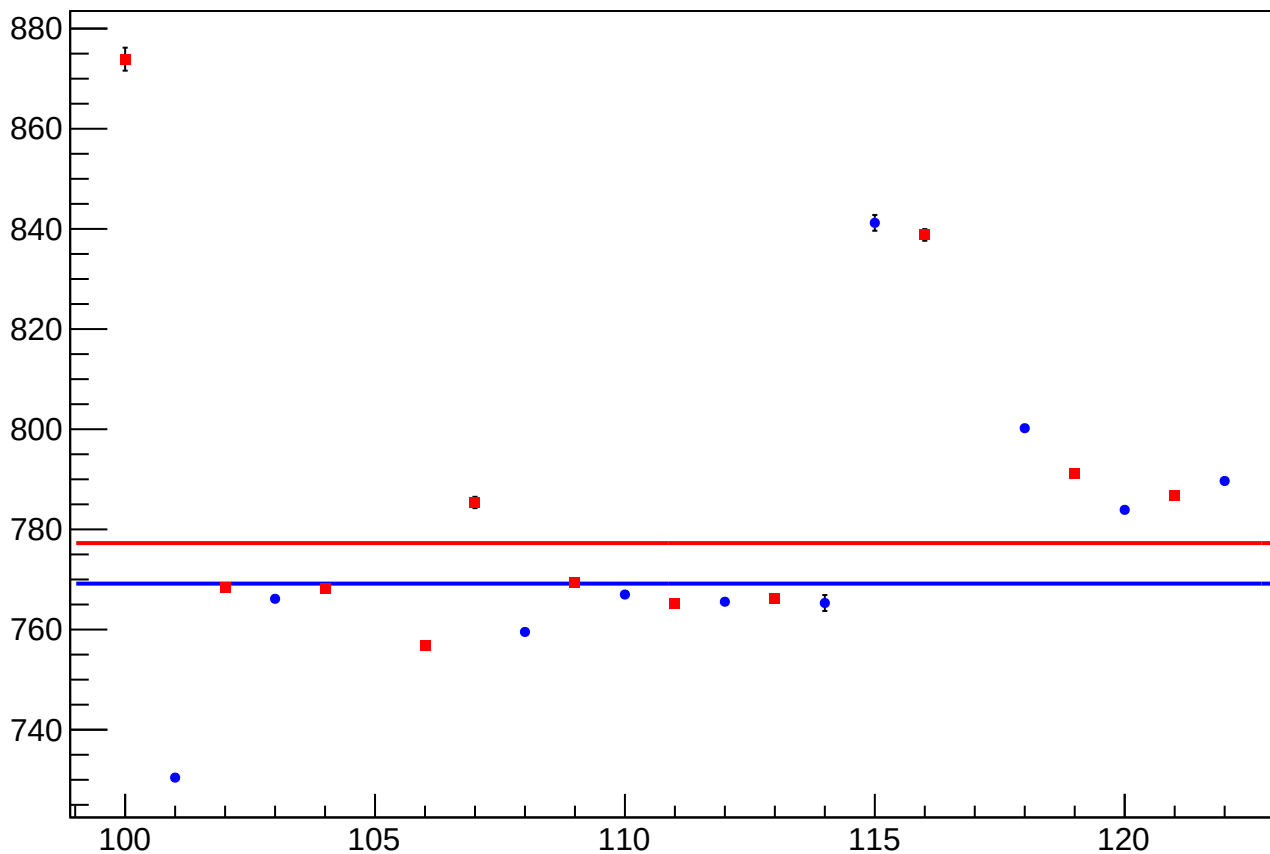
Right: 1.342+/-262.812 χ^2 /NDF: 12.5/20

In: -298.158+/-380.181 χ^2 /NDF:3.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1.342+/-262.812 χ^2 /NDF: 12.5/20

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 769.173+/-0.269 χ^2/NDF : 8403.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

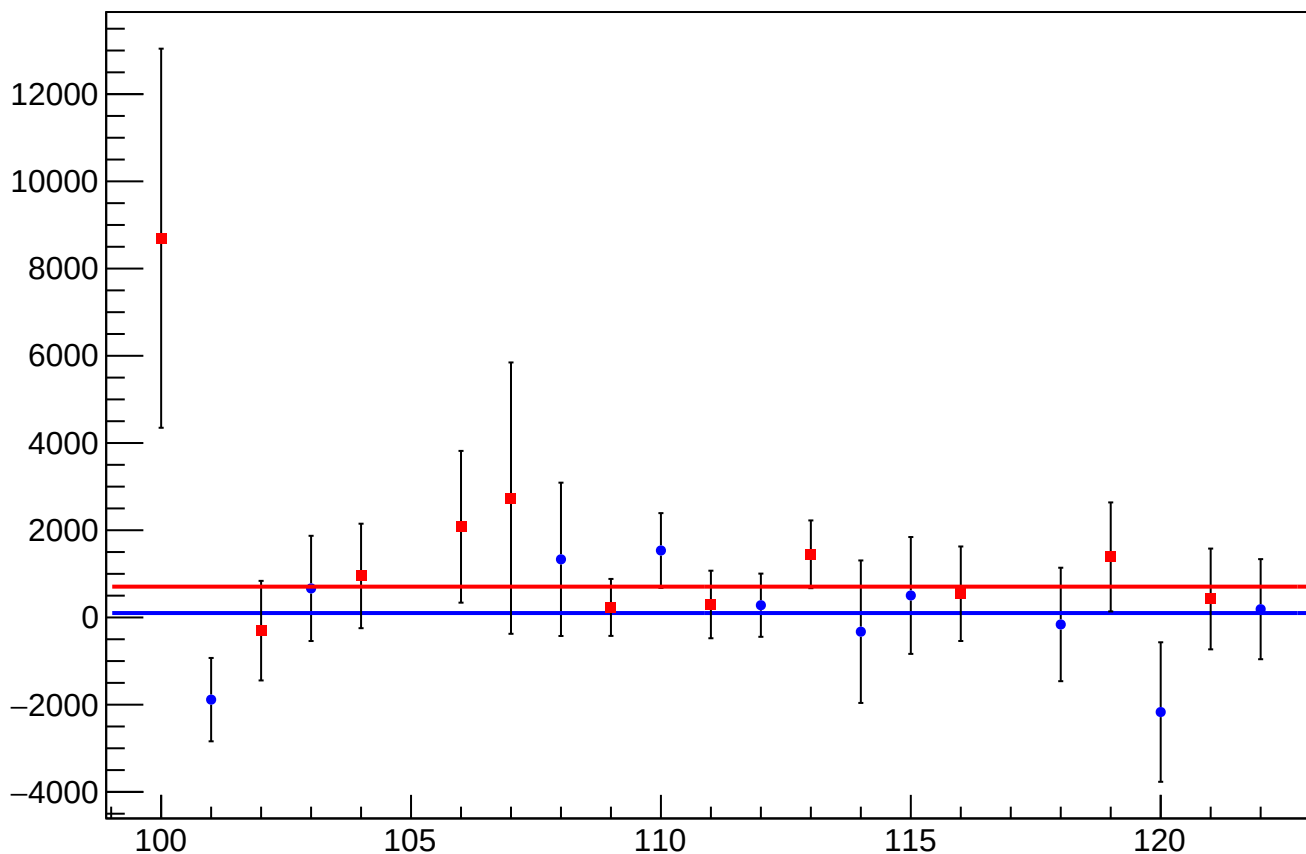
Right: 773.399+/-0.186 χ^2/NDF : 15311.0/20

In: 769.173+/-0.269 χ^2/NDF : 8403.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 773.399+/-0.186 χ^2/NDF : 15311.0/20

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 101.161+/-352.555 χ^2/NDF : 10.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

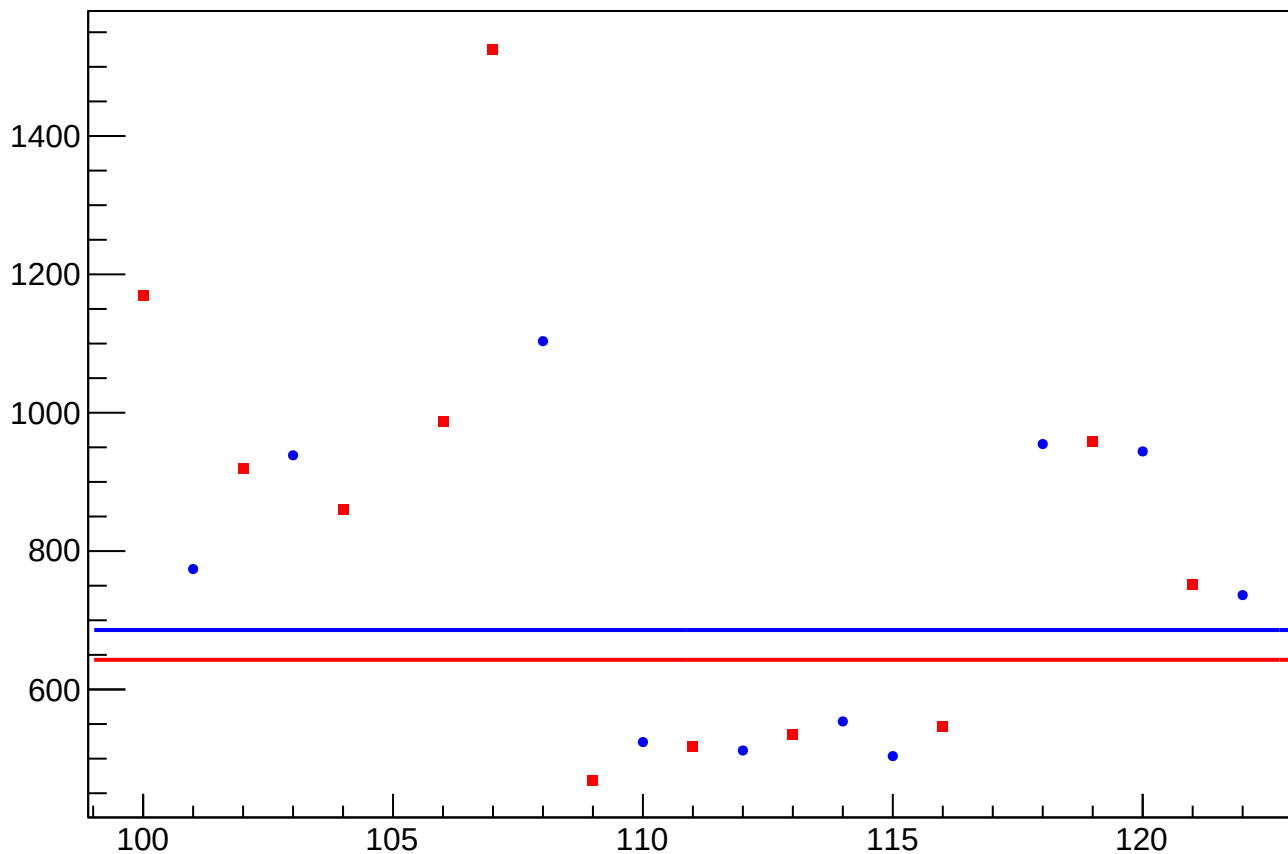
Right: 434.569+/-236.312 χ^2/NDF : 19.1/20

In: 101.161+/-352.555 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.569+/-236.312 χ^2/NDF : 19.1/20

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 685.904+/-0.249 χ^2/NDF : 595942.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

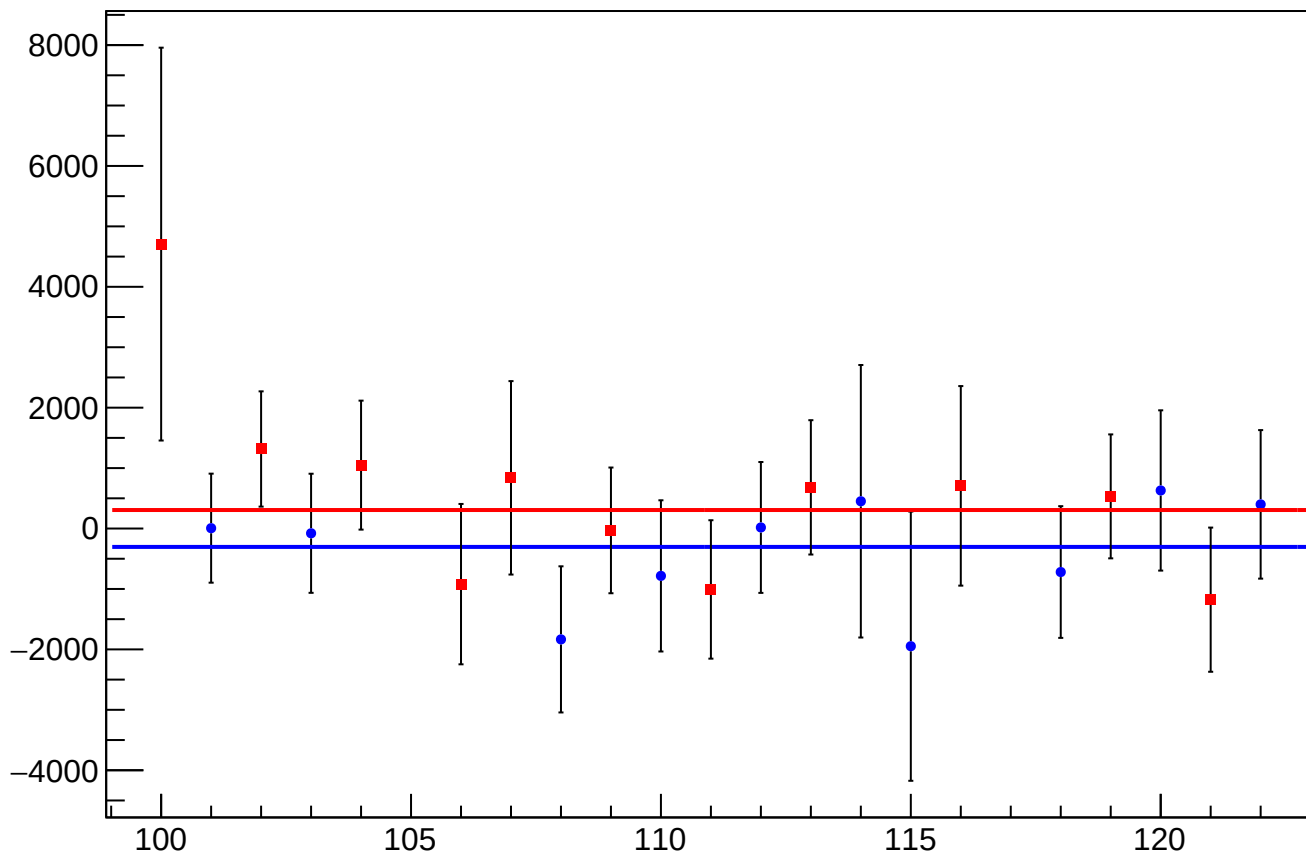
Right: 662.203+/-0.167 χ^2/NDF : 1459498.8/20

In: 685.904+/-0.249 χ^2/NDF : 595942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.203+/-0.167 χ^2/NDF : 1459498.8/20

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -304.214+/-380.535 χ^2/NDF : 3.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

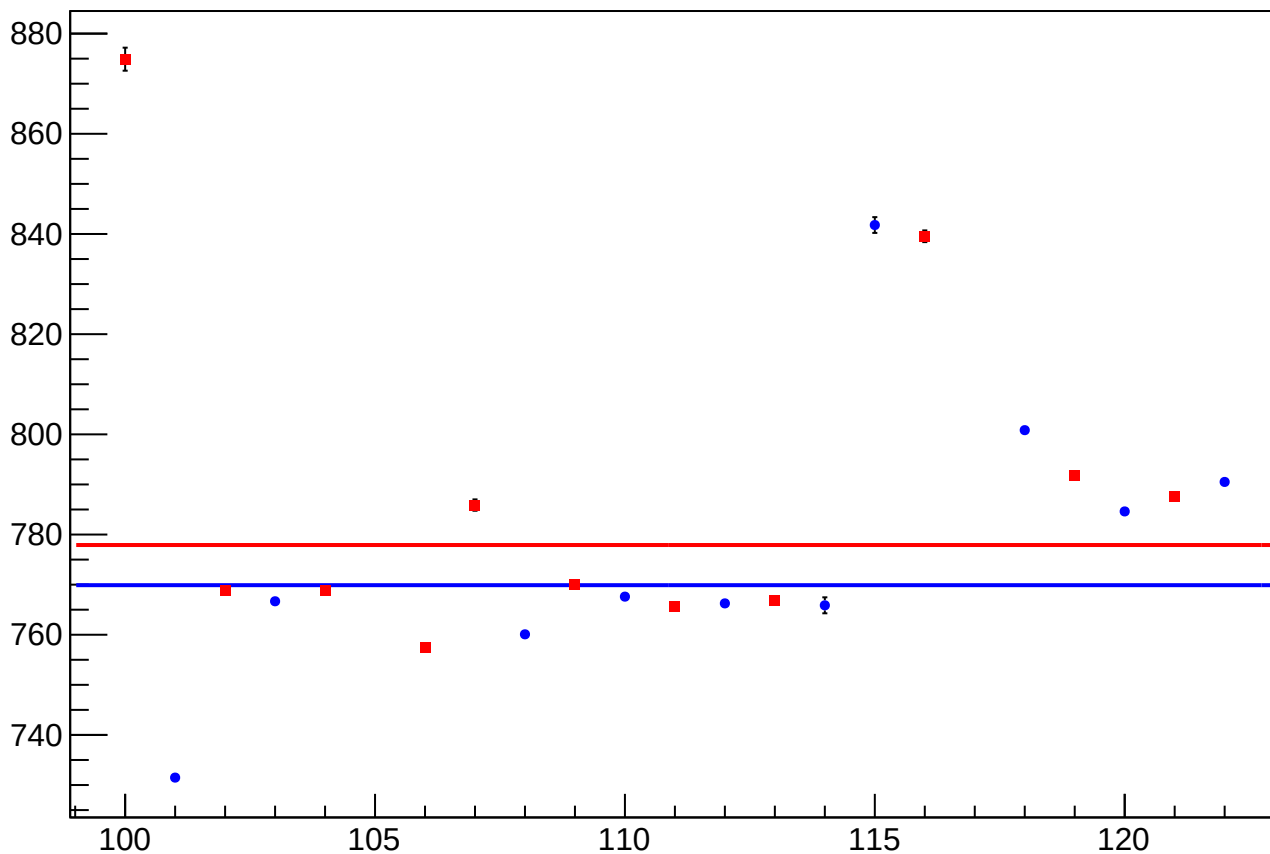
Right: 14.550+/-263.043 χ^2/NDF : 12.6/20

In: -304.214+/-380.535 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.550+/-263.043 χ^2/NDF : 12.6/20

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 769.894 $\pm$ 0.269 χ^2 /NDF: 8320.7/9

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

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

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

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

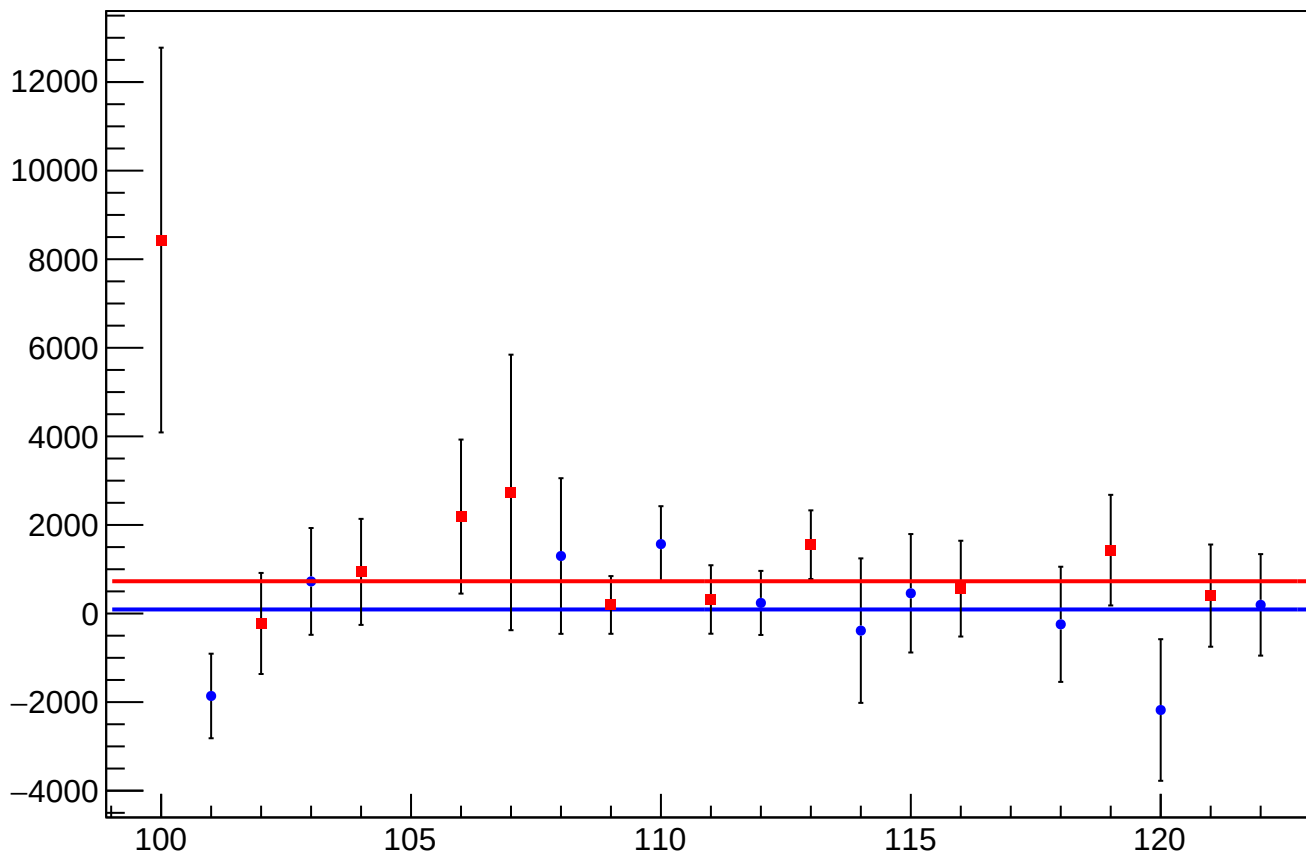
Right: 774.080 $\pm$ 0.186 χ^2 /NDF: 15240.5/20

In: 769.894 $\pm$ 0.269 χ^2 /NDF: 8320.7/9

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

All: 774.080 $\pm$ 0.186 χ^2 /NDF: 15240.5/20

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 91.952+/-352.059 χ^2/NDF : 10.2/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

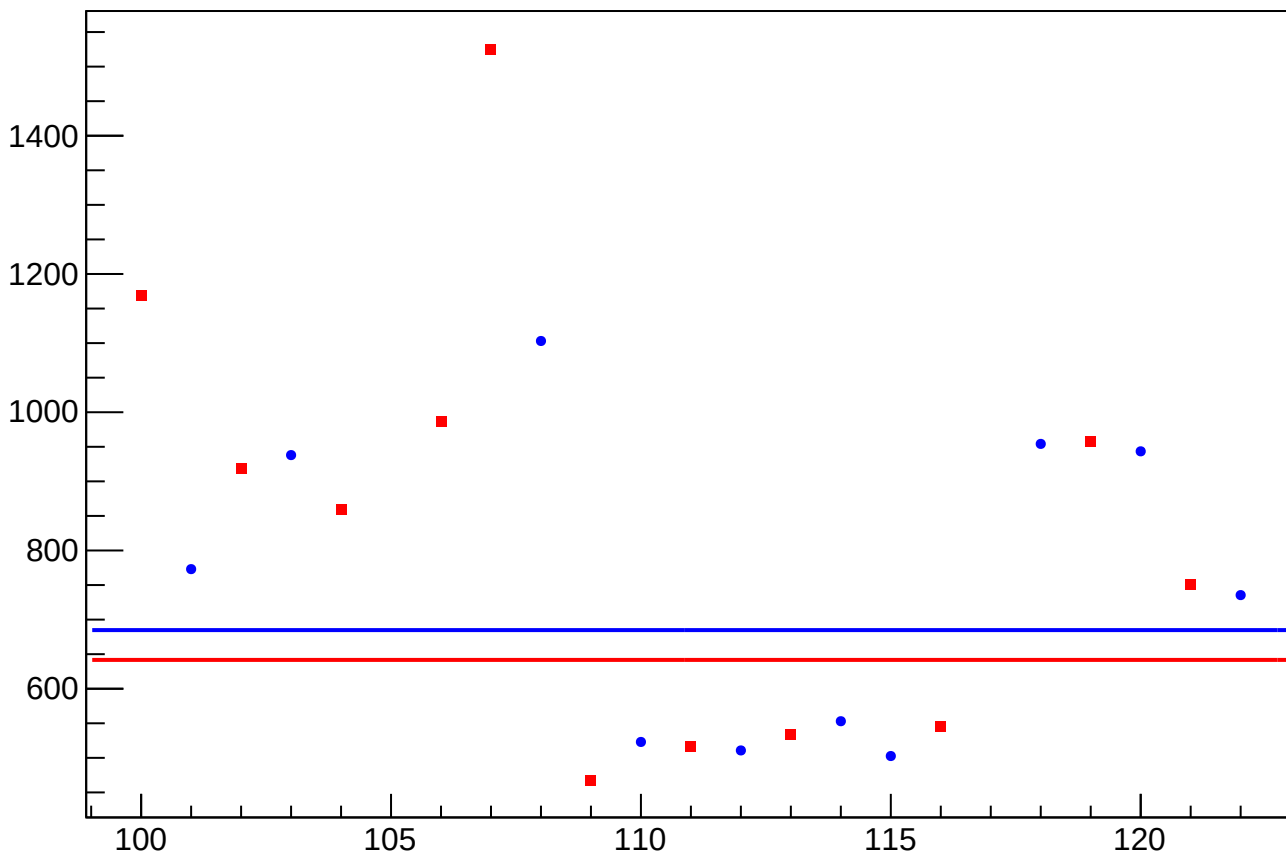
Right: 442.886+/-235.957 χ^2/NDF : 19.5/20

In: 91.952+/-352.059 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.886+/-235.957 χ^2/NDF : 19.5/20

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 684.822+/-0.249 χ^2/NDF : 598369.2/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

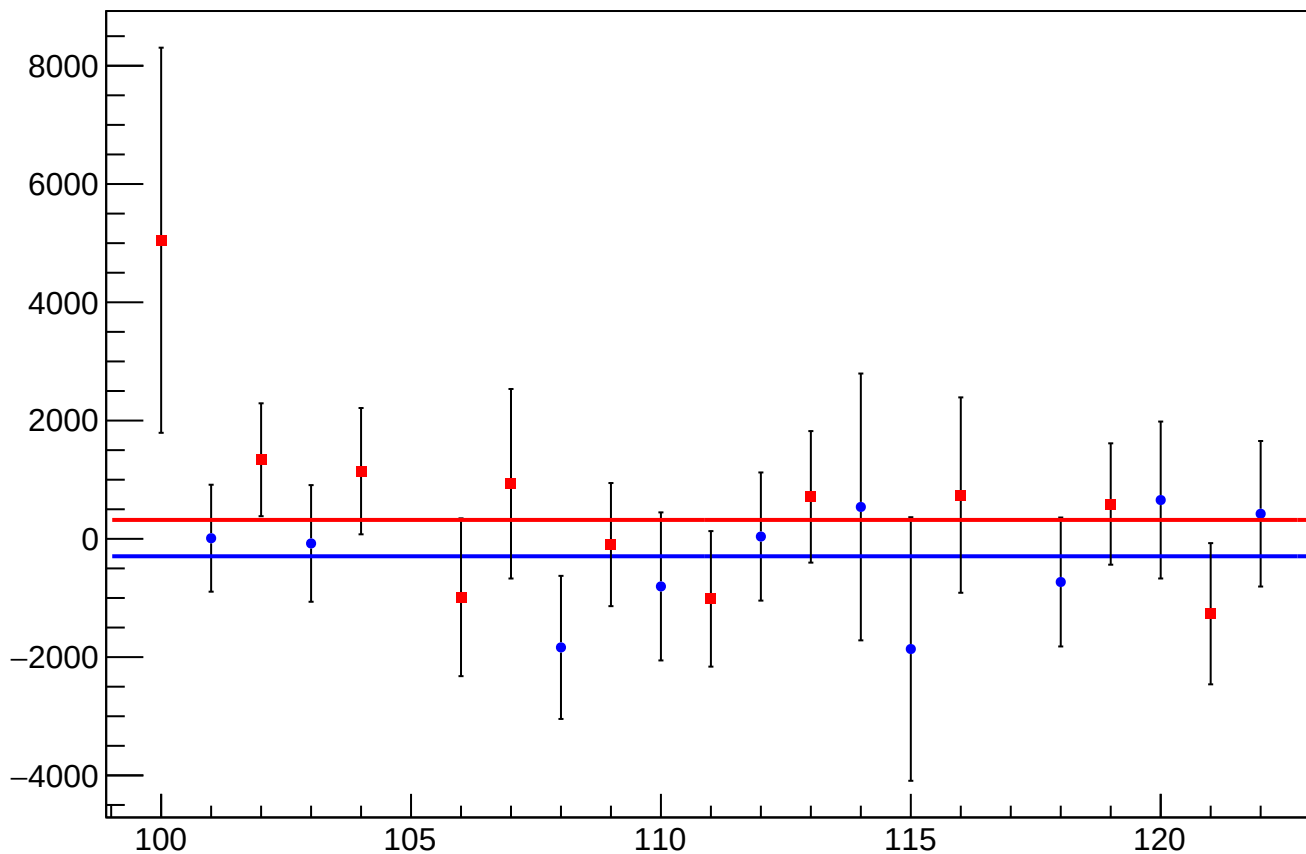
Right: 661.068+/-0.167 χ^2/NDF : 1465409.4/20

In: 684.822+/-0.249 χ^2/NDF : 598369.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.068+/-0.167 χ^2/NDF : 1465409.4/20

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -294.748+/-380.928 χ^2/NDF : 3.7/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

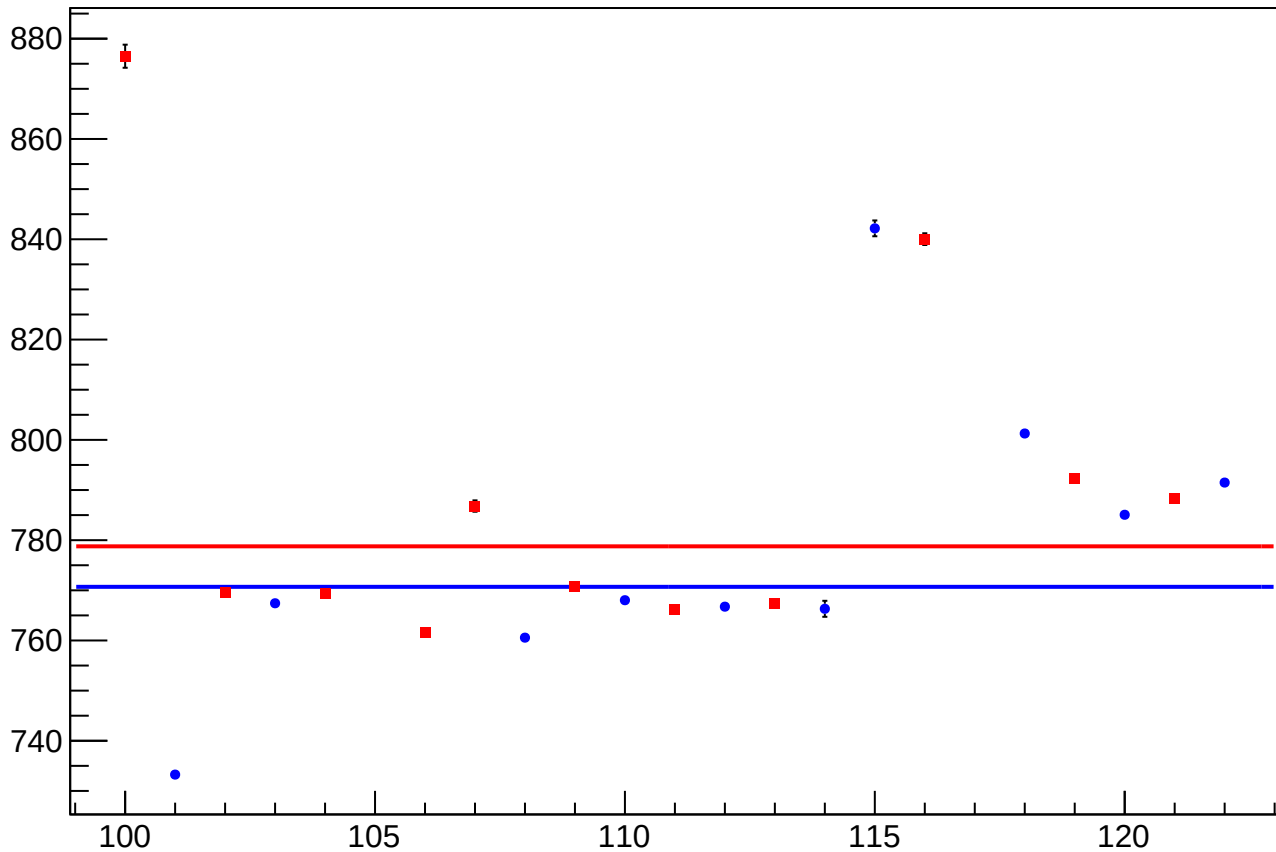
Right: 26.209+/-263.323 χ^2/NDF : 13.5/20

In: -294.748+/-380.928 χ^2/NDF : 3.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.209+/-263.323 χ^2/NDF : 13.5/20

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 770.698+/-0.269 χ^2/NDF : 8070.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

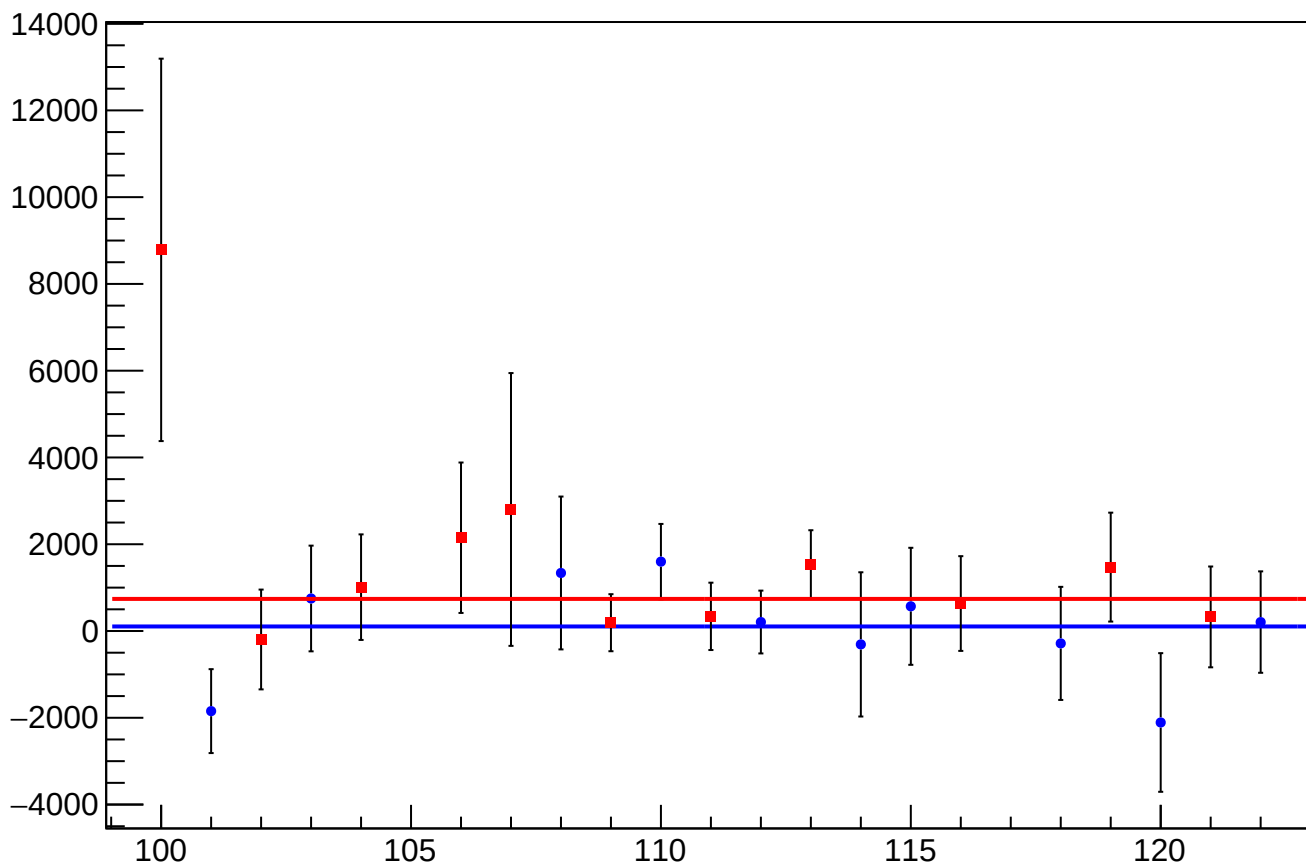
Right: 774.914+/-0.186 χ^2/NDF : 14867.4/20

In: 770.698+/-0.269 χ^2/NDF : 8070.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.914+/-0.186 χ^2/NDF : 14867.4/20

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 104.692+/-355.331 χ^2/NDF : 10.0/9

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

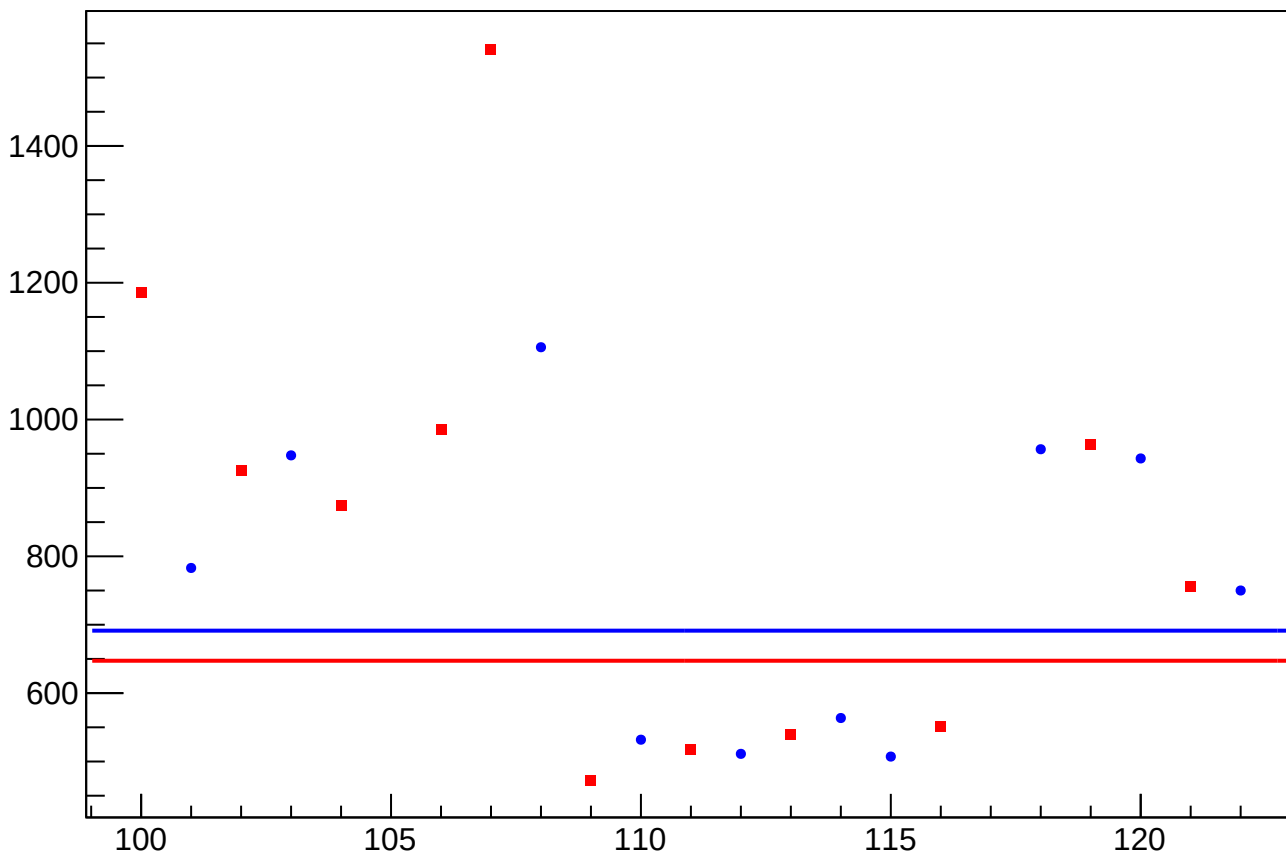
Right: 454.864+/-238.008 χ^2/NDF : 19.4/20

In: 104.692+/-355.331 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 454.864+/-238.008 χ^2/NDF : 19.4/20

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 691.324+/-0.251 χ^2/NDF : 594873.0/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

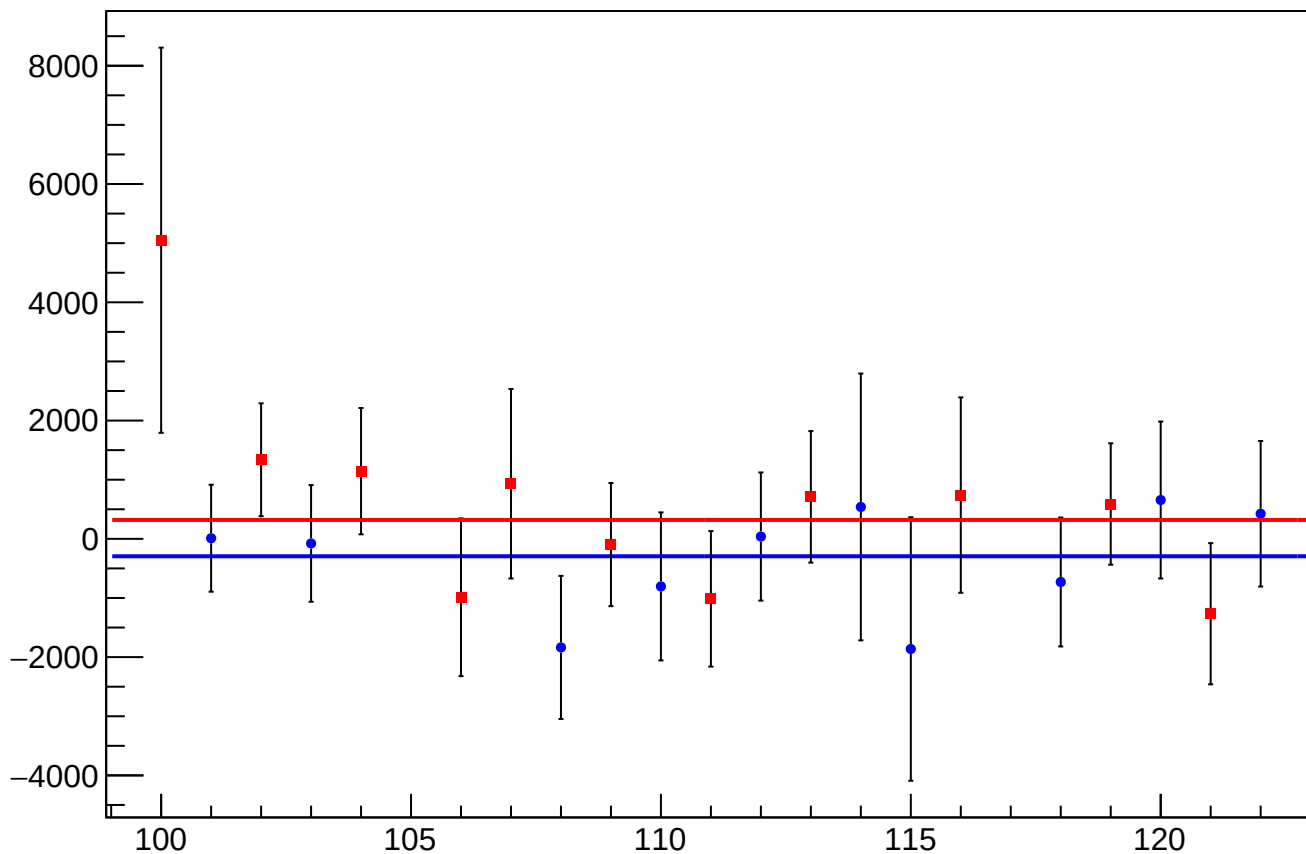
Right: 667.072+/-0.168 χ^2/NDF : 1461643.4/20

In: 691.324+/-0.251 χ^2/NDF : 594873.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.072+/-0.168 χ^2/NDF : 1461643.4/20

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -294.748+/-380.928 χ^2/NDF : 3.7/9

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

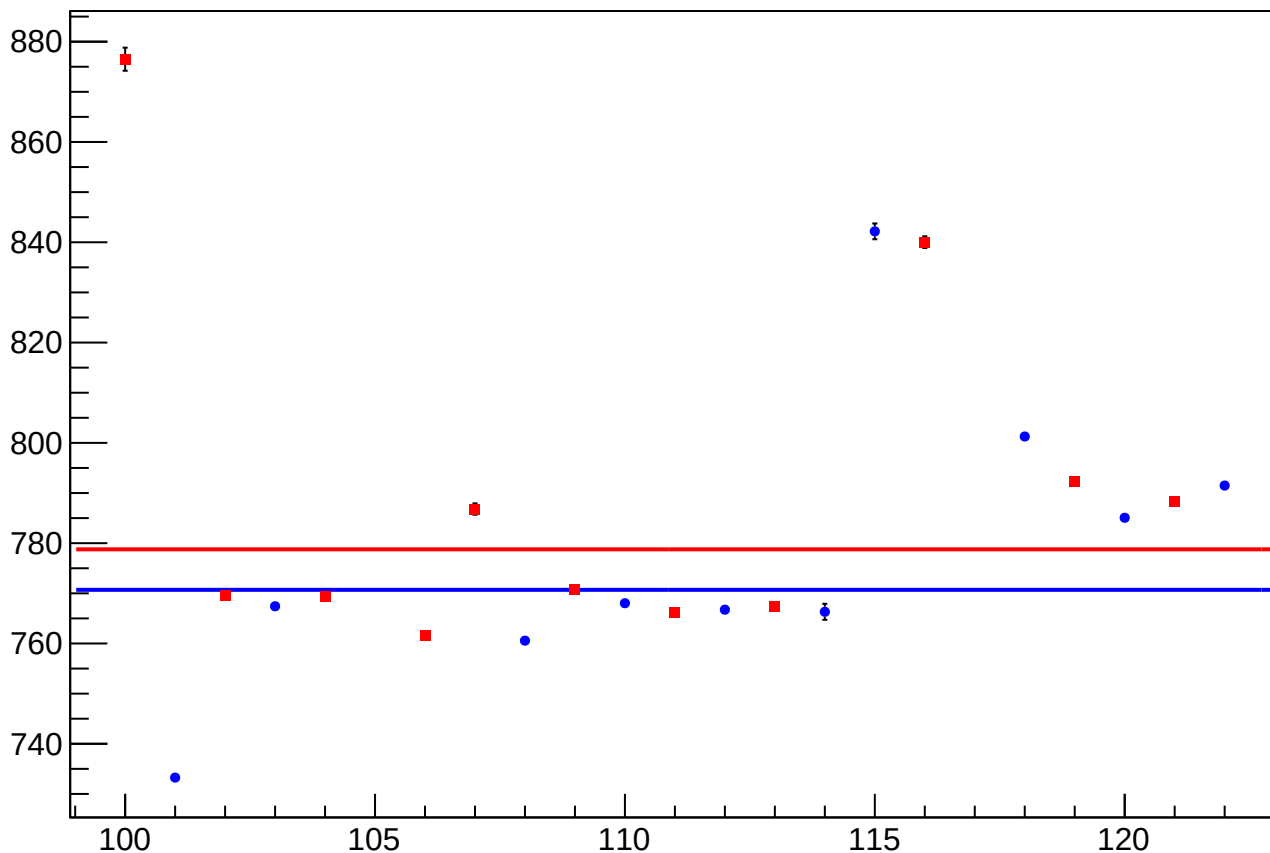
Right: 26.207+/-263.323 χ^2/NDF : 13.5/20

In: -294.748+/-380.928 χ^2/NDF :3.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.207+/-263.323 χ^2/NDF : 13.5/20

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 770.698+/-0.269 χ^2/NDF : 8070.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

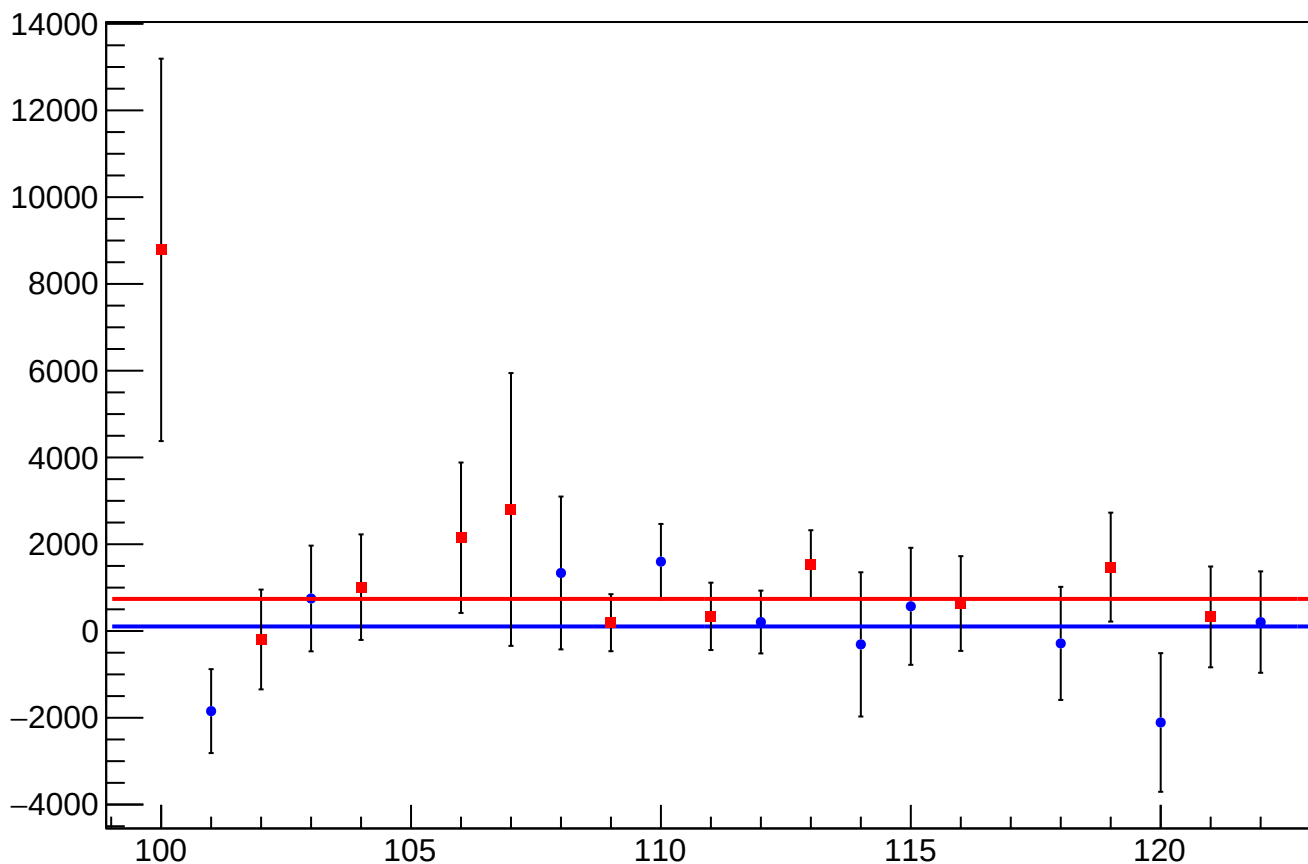
Right: 774.914+/-0.186 χ^2/NDF : 14867.4/20

In: 770.698+/-0.269 χ^2/NDF : 8070.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.914+/-0.186 χ^2/NDF : 14867.4/20

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 104.693+/-355.329 χ^2/NDF : 10.0/9

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

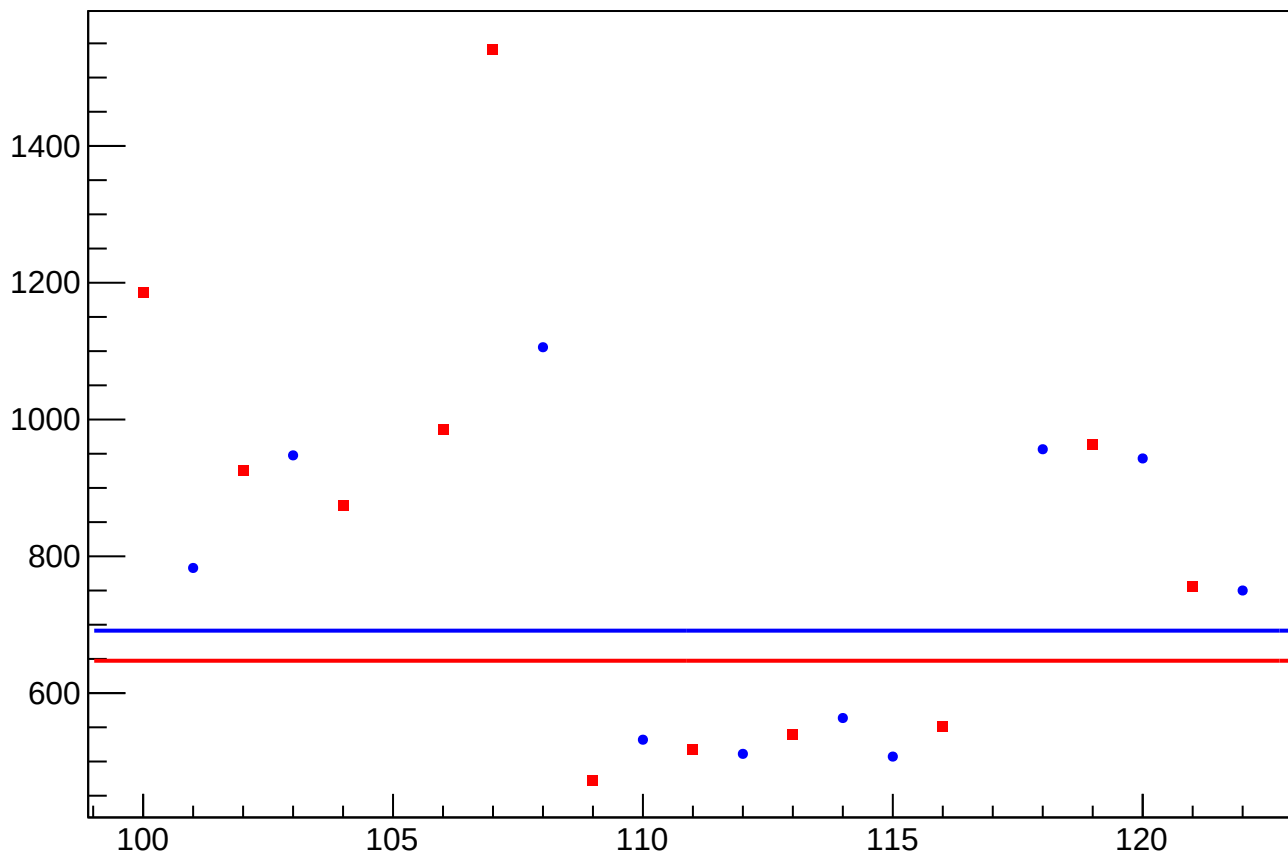
Right: 454.862+/-238.006 χ^2/NDF : 19.4/20

In: 104.693+/-355.329 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 454.862+/-238.006 χ^2/NDF : 19.4/20

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 691.320+/-0.251 χ^2/NDF : 594888.3/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

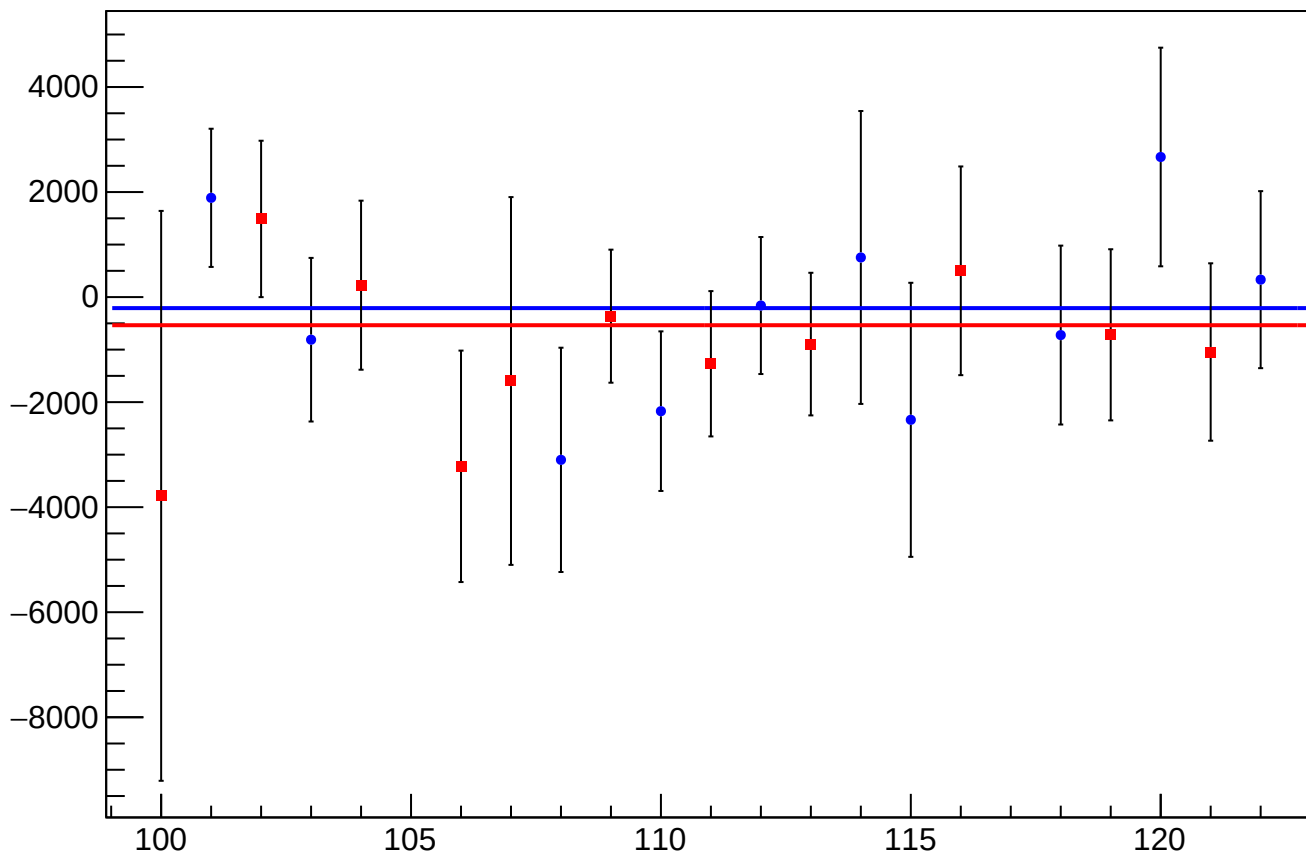
Right: 667.068+/-0.168 χ^2/NDF : 1461676.3/20

In: 691.320+/-0.251 χ^2/NDF : 594888.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.068+/-0.168 χ^2/NDF : 1461676.3/20

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -209.759+/-539.706 χ^2/NDF : 9.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

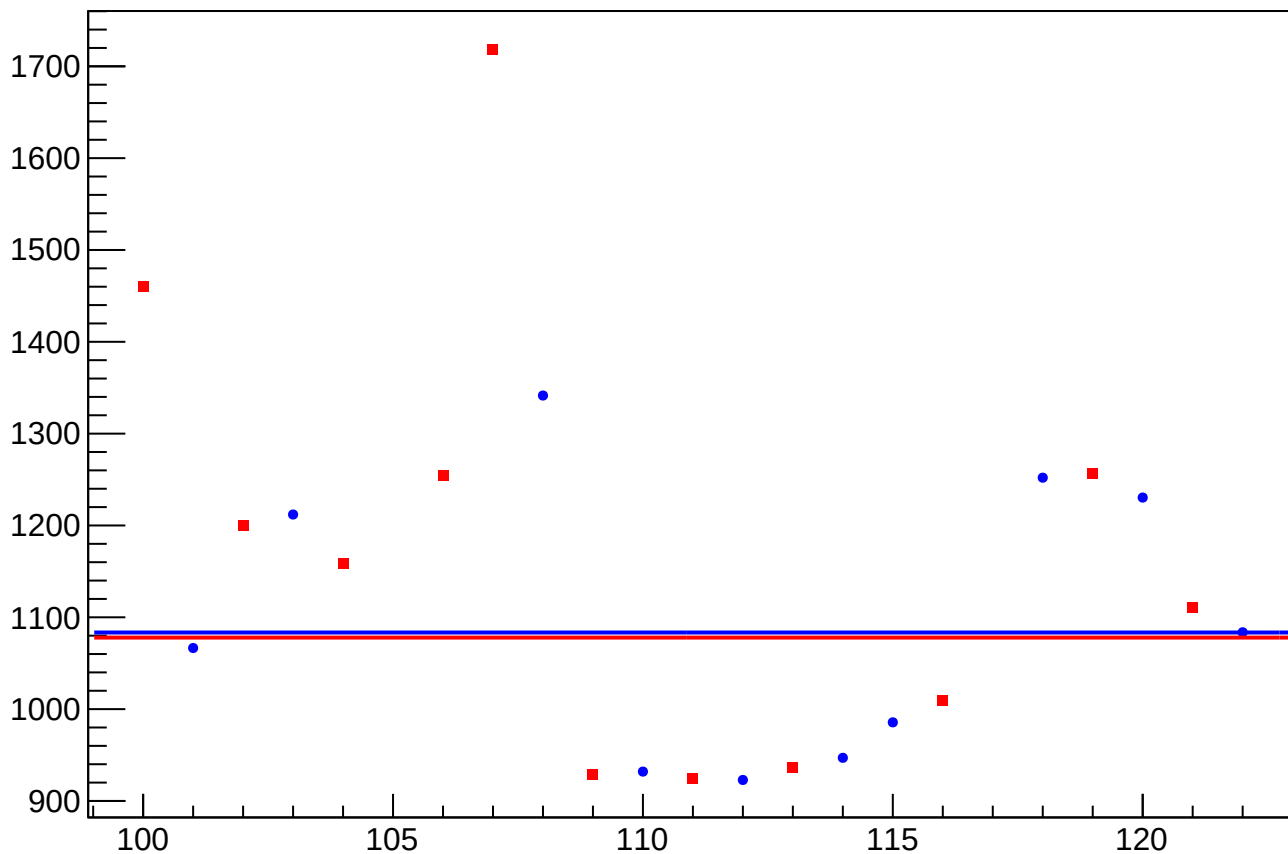
Right: -381.457+/-371.123 χ^2/NDF : 14.0/20

In: -209.759+/-539.706 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.457+/-371.123 χ^2/NDF : 14.0/20

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1083.445+/-0.382 χ^2/NDF : 130488.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

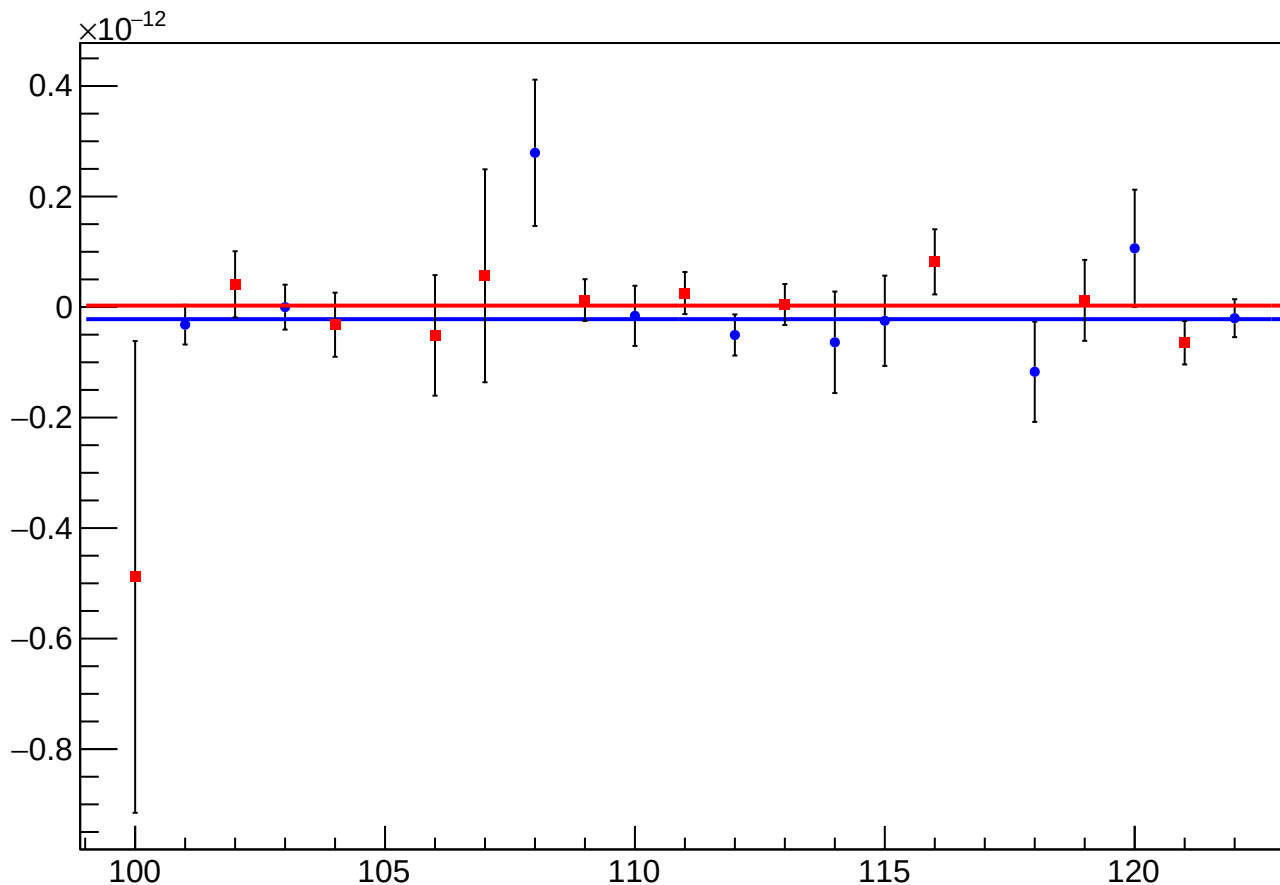
Right: 1080.533+/-0.262 χ^2/NDF : 339589.9/20

In: 1083.445+/-0.382 χ^2/NDF : 130488.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.533+/-0.262 χ^2/NDF : 339589.9/20

asym_us_dd_reg_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 : 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

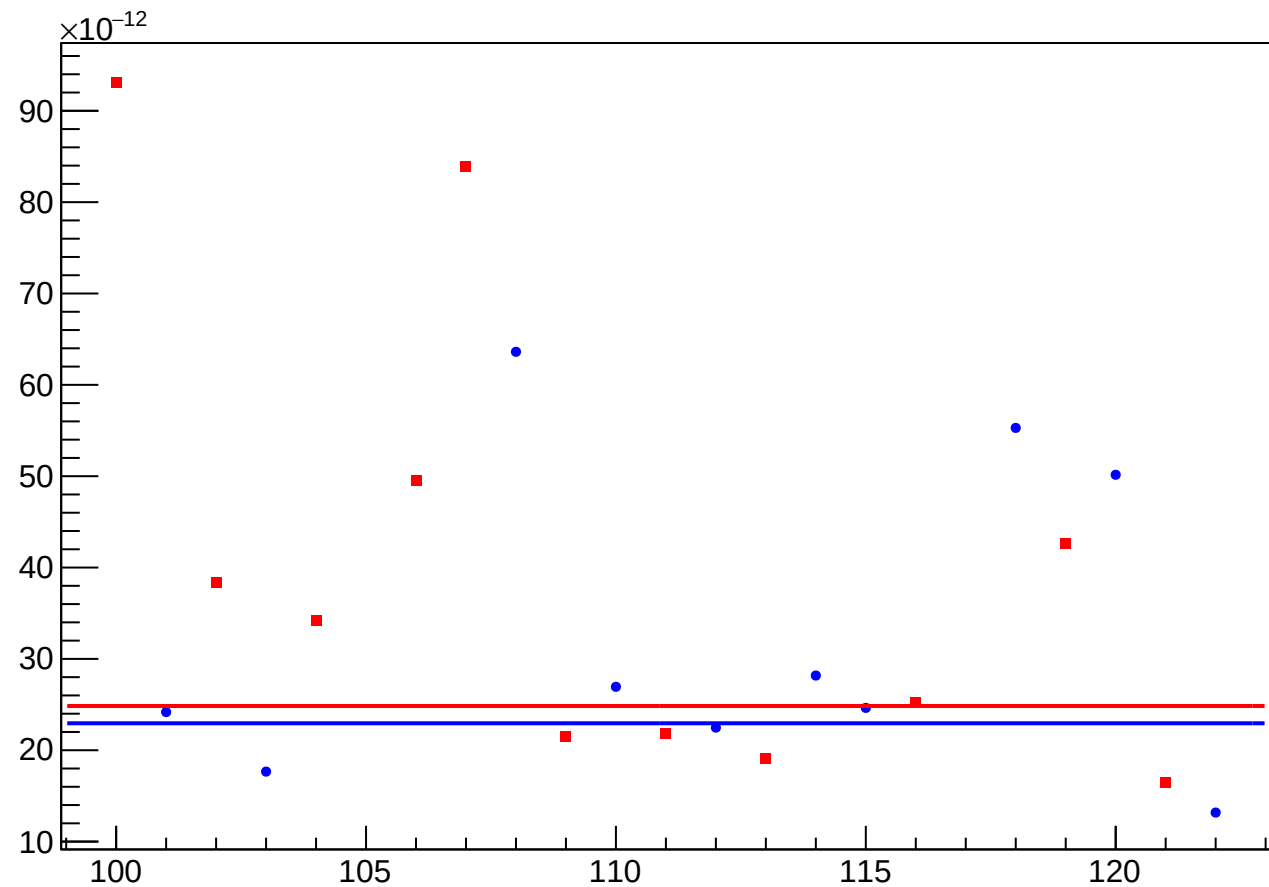
Right: -0.000+/-0.000 χ^2/NDF : 17.7/20

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 : 17.7/20

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 791041.7/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

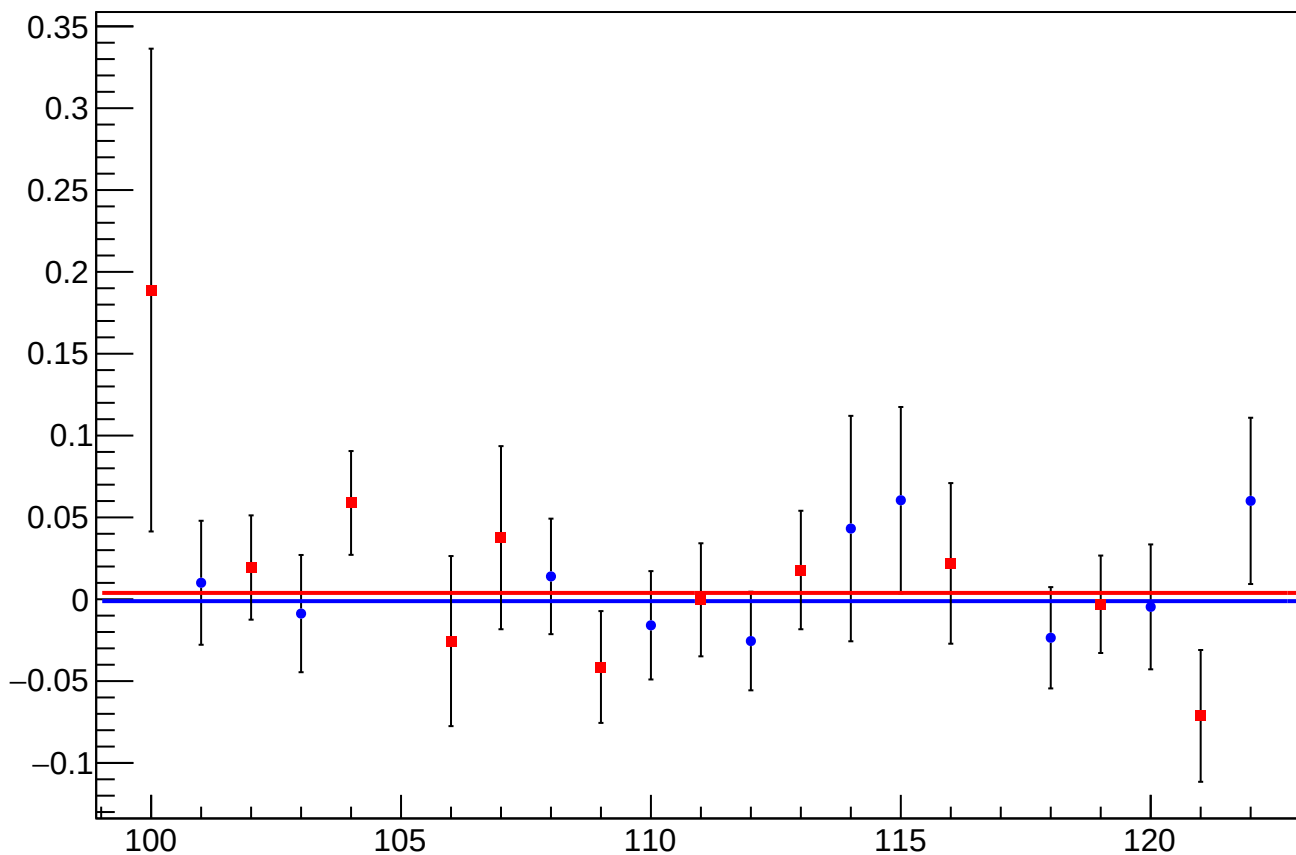
Right: 0.000+/-0.000 χ^2/NDF : 1585402.3/20

In: 0.000+/-0.000 χ^2/NDF : 791041.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1585402.3/20

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.012 χ^2 /NDF: 4.7/9

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

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

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

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

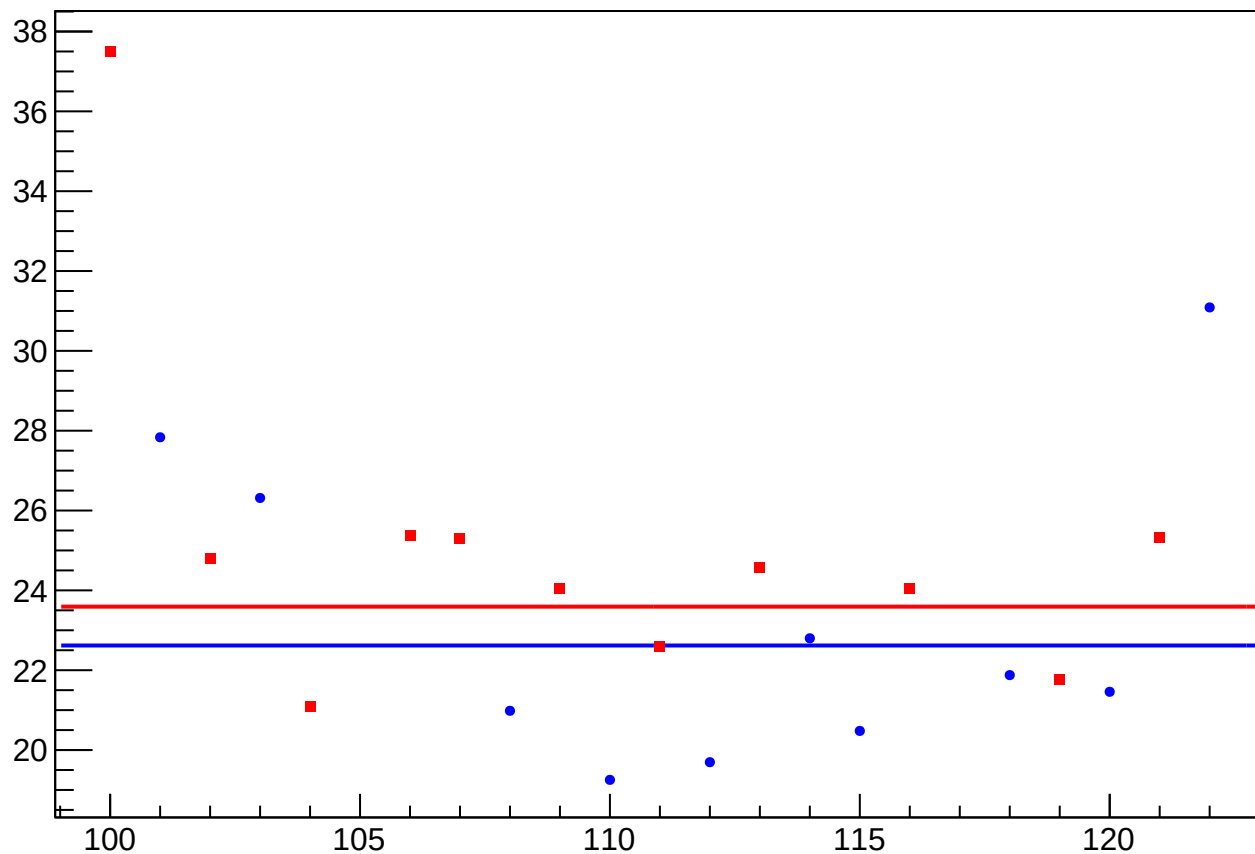
Right: 0.001 $\pm$ 0.008 χ^2 /NDF: 15.9/20

In: -0.001 $\pm$ 0.012 χ^2 /NDF:4.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.008 χ^2 /NDF: 15.9/20

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.619+/-0.008 χ^2/NDF : 164485.8/9

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

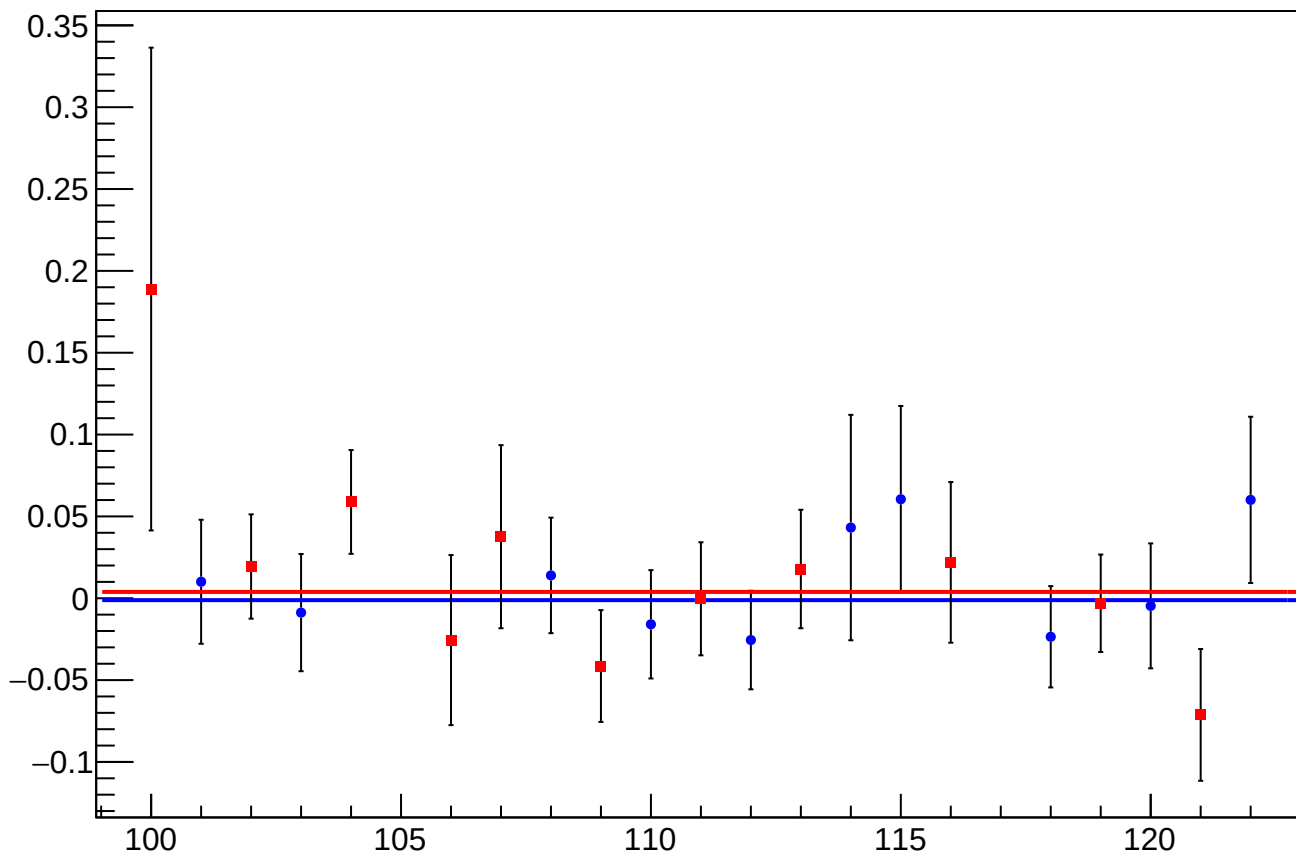
Right: 23.119+/-0.006 χ^2/NDF : 223585.9/20

In: 22.619+/-0.008 χ^2/NDF :164485.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.119+/-0.006 χ^2/NDF : 223585.9/20

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.012 χ^2/NDF : 4.7/9

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

Right Out: 0.004 ± 0.012 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

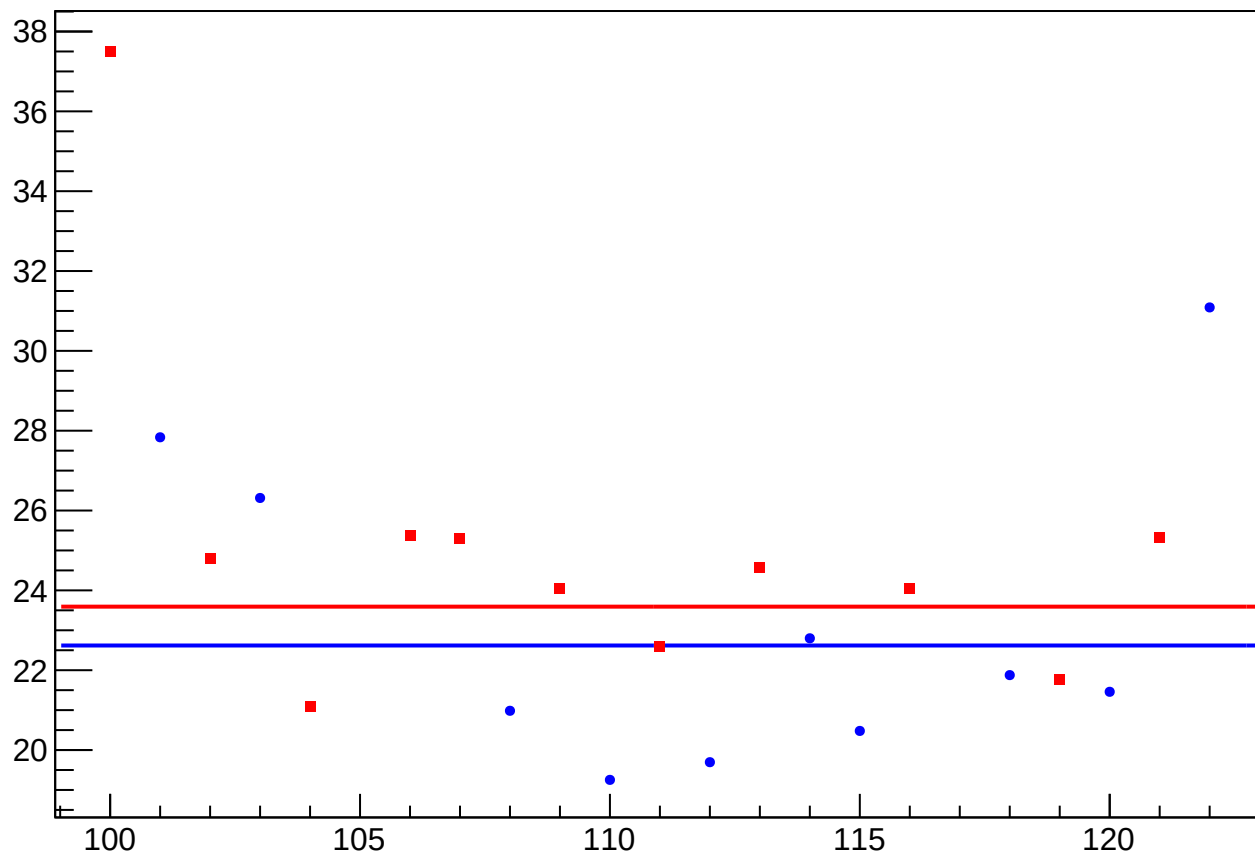
Right: 0.001 ± 0.008 χ^2/NDF : 15.9/20

In: -0.001 ± 0.012 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.008 χ^2/NDF : 15.9/20

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.619+/-0.008 χ^2/NDF : 164485.8/9

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

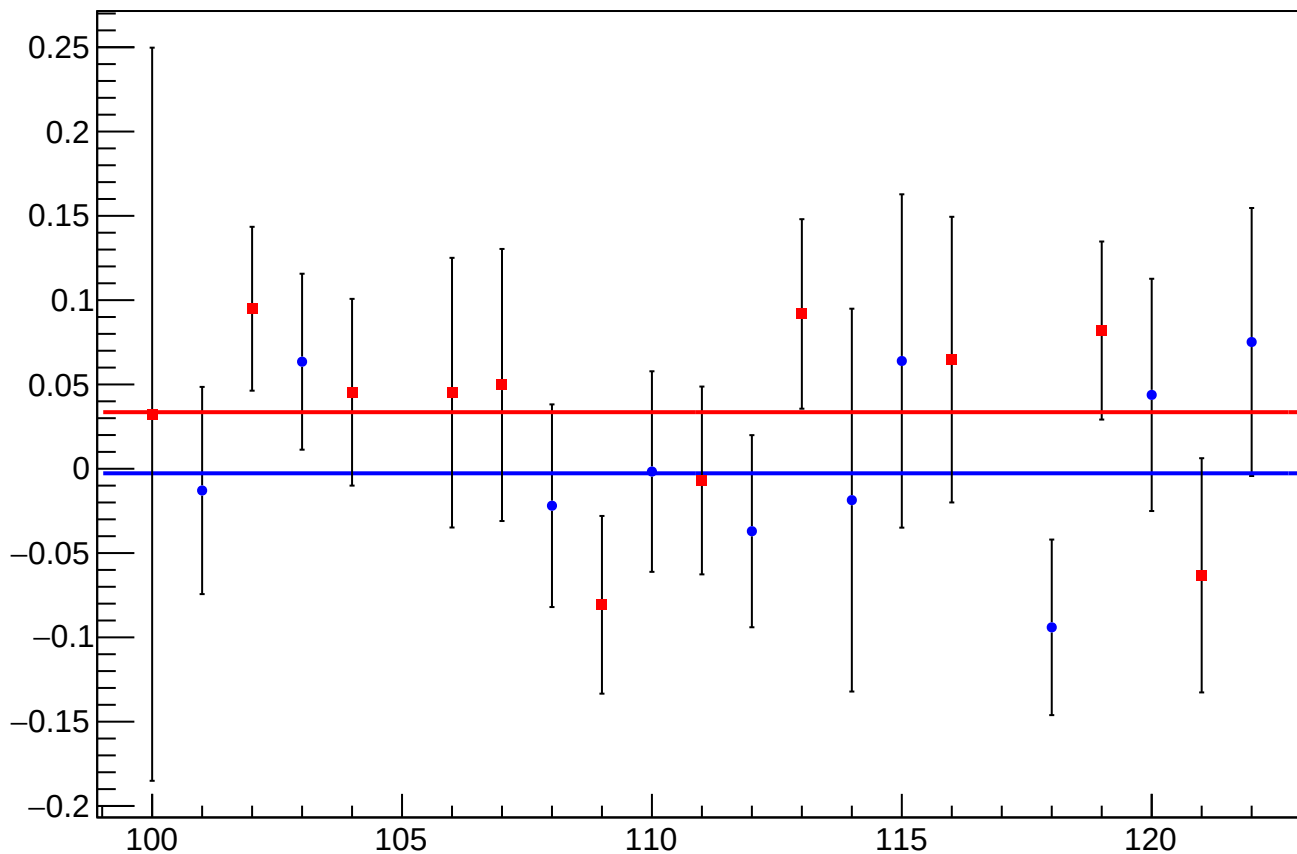
Right: 23.119+/-0.006 χ^2/NDF : 223585.9/20

In: 22.619+/-0.008 χ^2/NDF :164485.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.119+/-0.006 χ^2/NDF : 223585.9/20

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.020 χ^2/NDF : 7.1/9

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

Right Out: 0.034+/-0.019 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

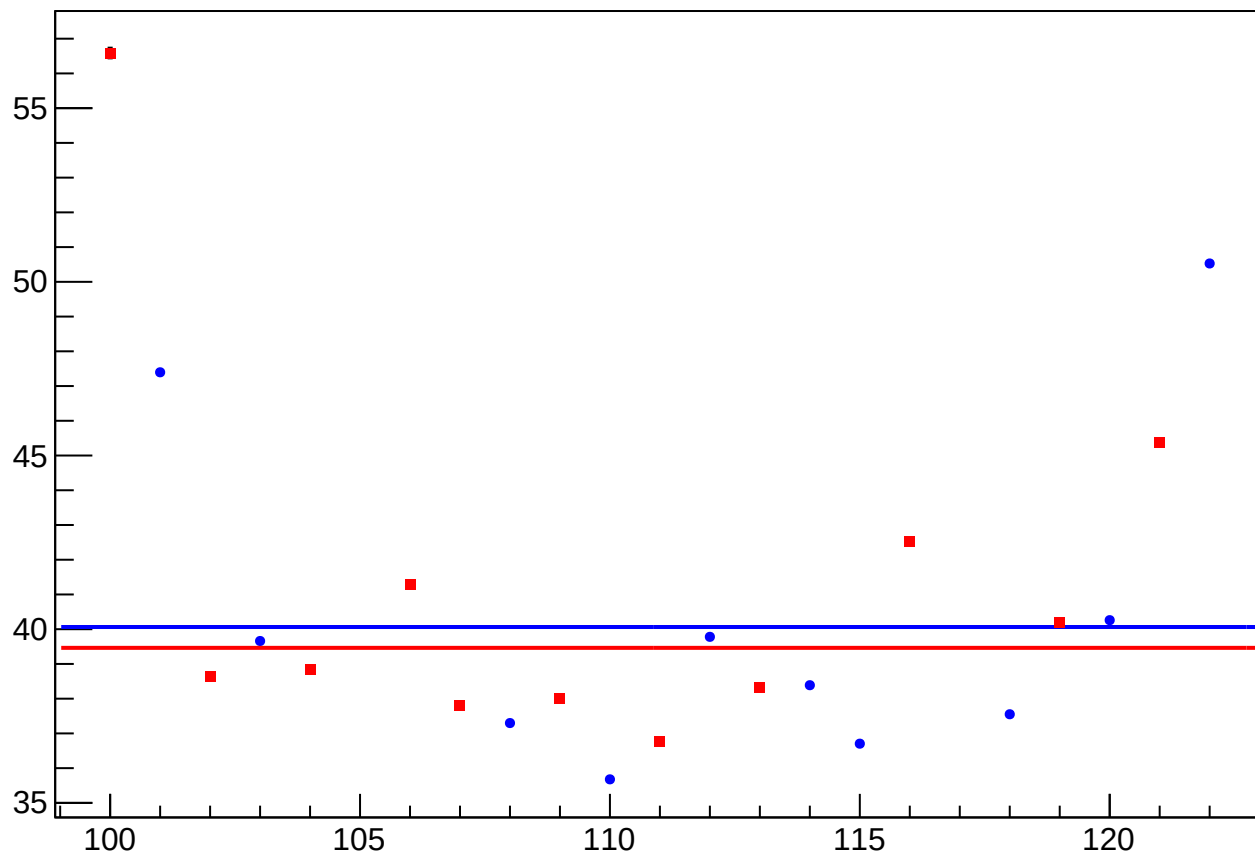
Right: 0.017+/-0.014 χ^2/NDF : 19.7/20

In: -0.003+/-0.020 χ^2/NDF :7.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.014 χ^2/NDF : 19.7/20

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.063+/-0.014 χ^2/NDF : 85847.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

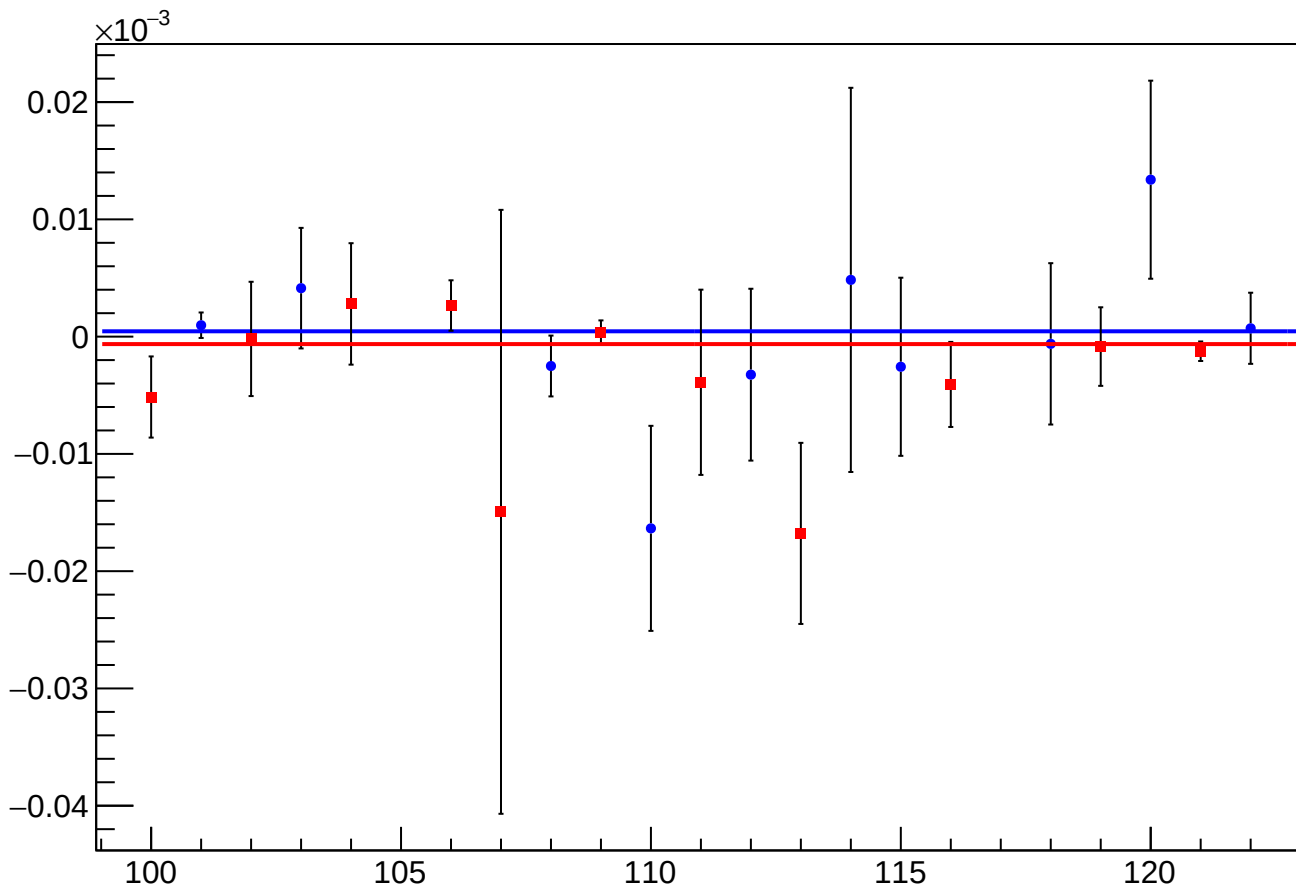
Right: 39.742+/-0.010 χ^2/NDF : 126465.9/20

In: 40.063+/-0.014 χ^2/NDF : 85847.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.742+/-0.010 χ^2/NDF : 126465.9/20

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 8.6/9

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

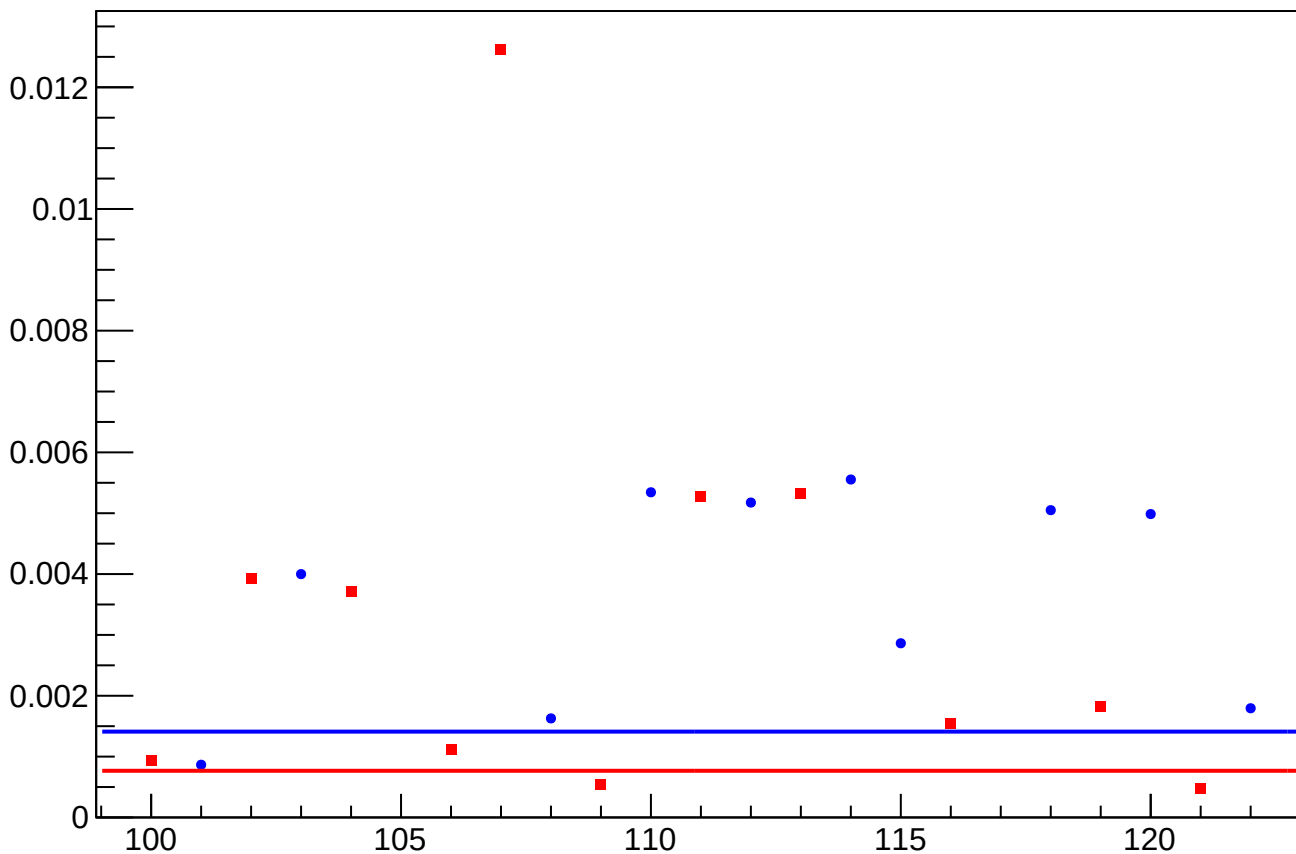
Right: -0.000 ± 0.000 χ^2/NDF : 21.5/20

In: 0.000 ± 0.000 χ^2/NDF : 8.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.5/20

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3107538.3/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

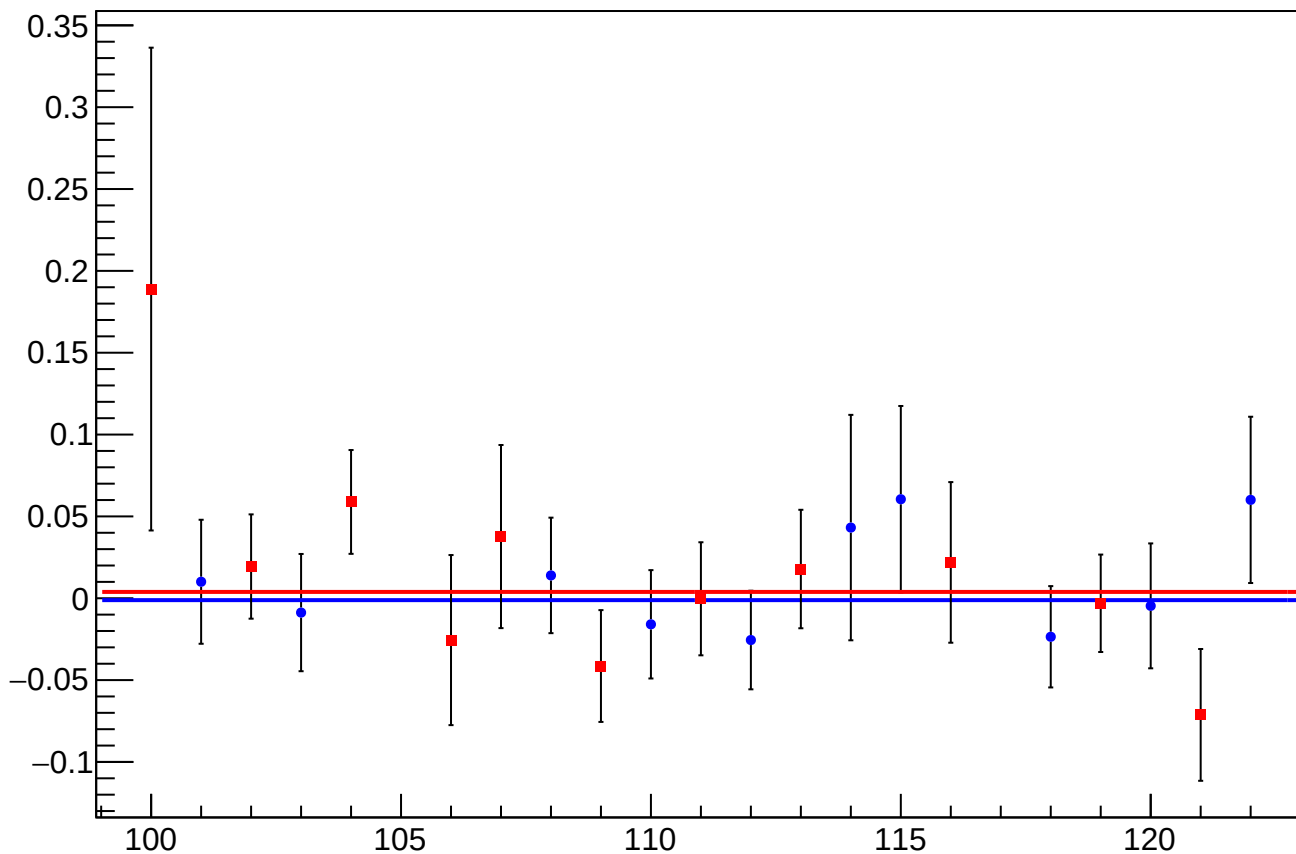
Right: 0.001+/-0.000 χ^2/NDF : 7788657.3/20

In: 0.001+/-0.000 χ^2/NDF : 3107538.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7788657.3/20

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.012 χ^2 /NDF: 4.7/9

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

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

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

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

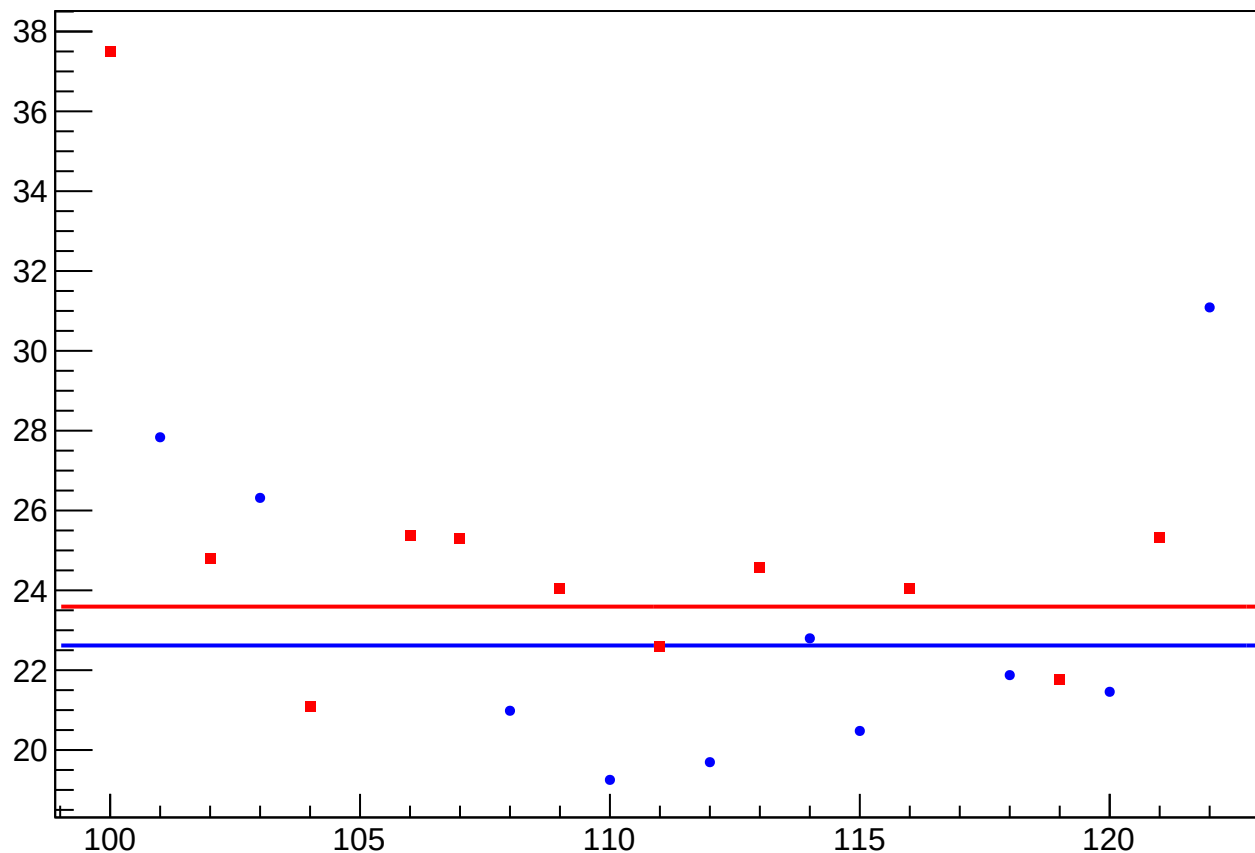
Right: 0.001 $\pm$ 0.008 χ^2 /NDF: 15.9/20

In: -0.001 $\pm$ 0.012 χ^2 /NDF:4.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.008 χ^2 /NDF: 15.9/20

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.619+/-0.008 χ^2/NDF : 164527.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

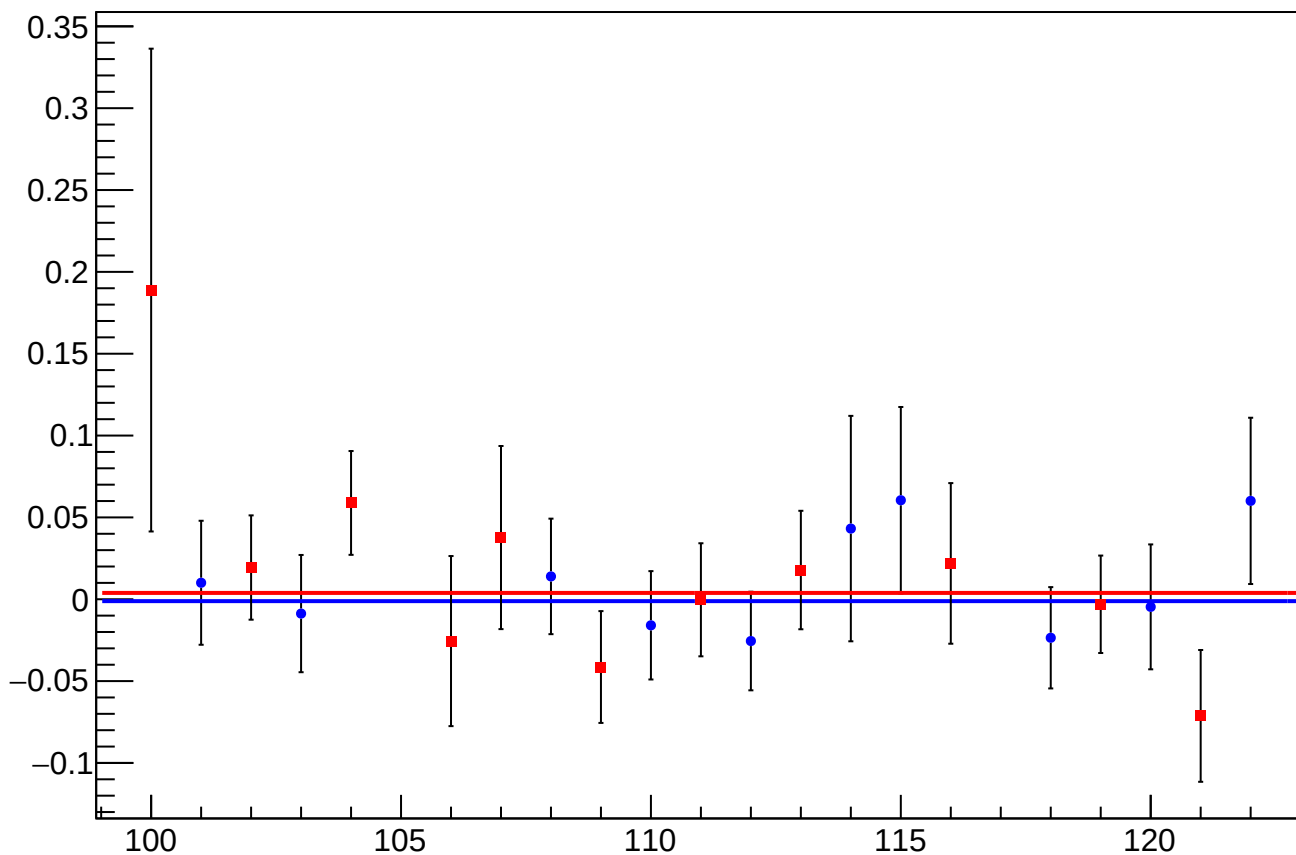
Right: 23.119+/-0.006 χ^2/NDF : 223636.1/20

In: 22.619+/-0.008 χ^2/NDF : 164527.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.119+/-0.006 χ^2/NDF : 223636.1/20

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.012 χ^2/NDF : 4.7/9

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

Right Out: 0.004 ± 0.012 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

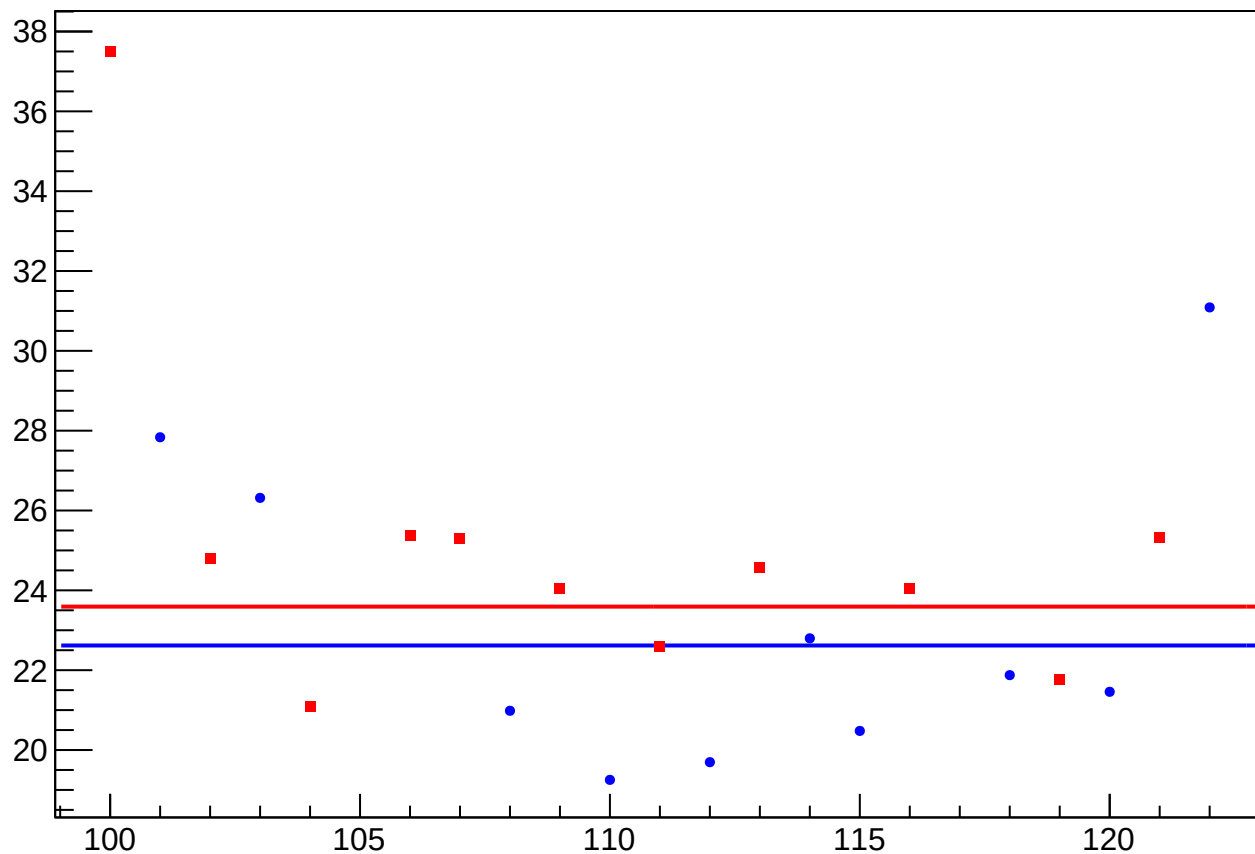
Right: 0.001 ± 0.008 χ^2/NDF : 15.9/20

In: -0.001 ± 0.012 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.008 χ^2/NDF : 15.9/20

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.619+/-0.008 χ^2/NDF : 164527.1/9

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

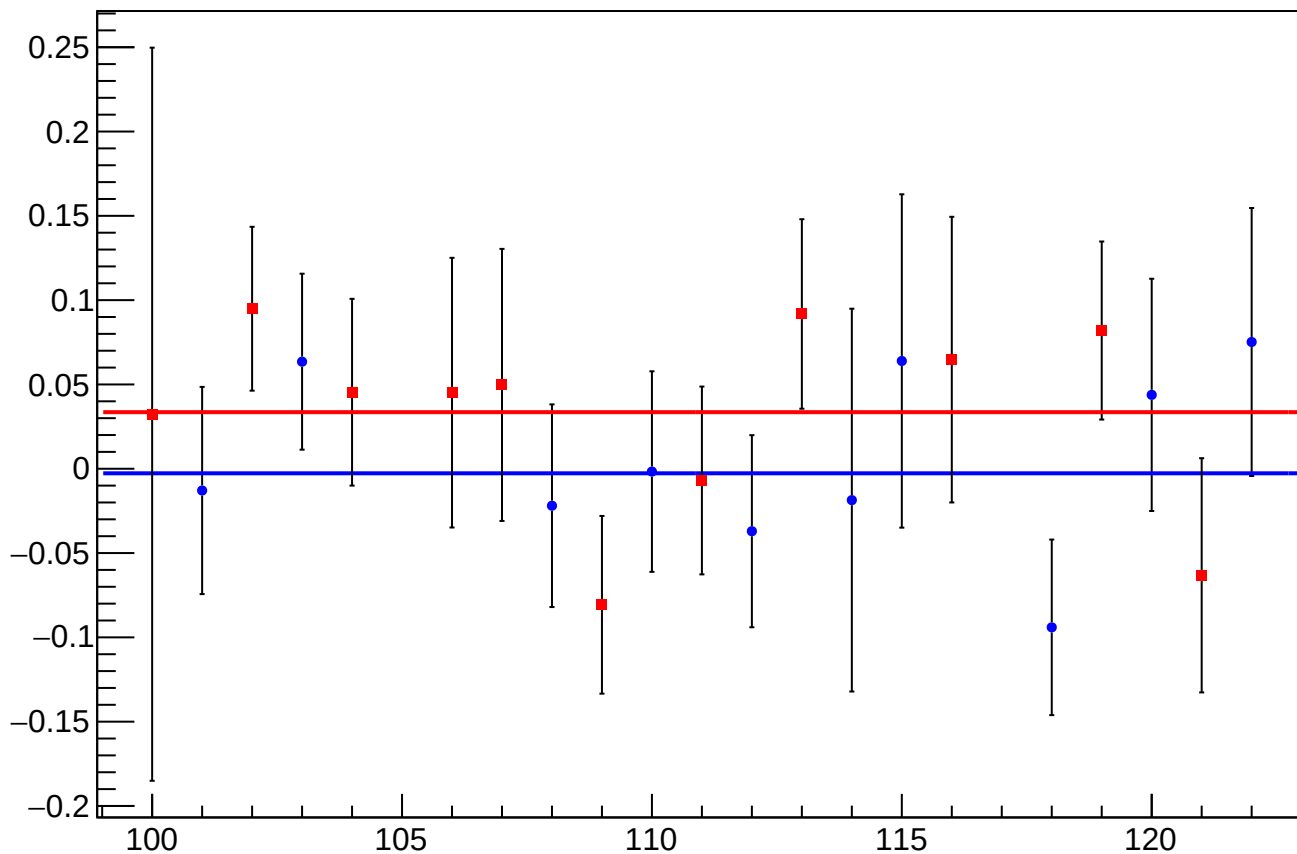
Right: 23.119+/-0.006 χ^2/NDF : 223636.1/20

In: 22.619+/-0.008 χ^2/NDF :164527.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.119+/-0.006 χ^2/NDF : 223636.1/20

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.020 χ^2/NDF : 7.1/9

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

Right Out: 0.034+/-0.019 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

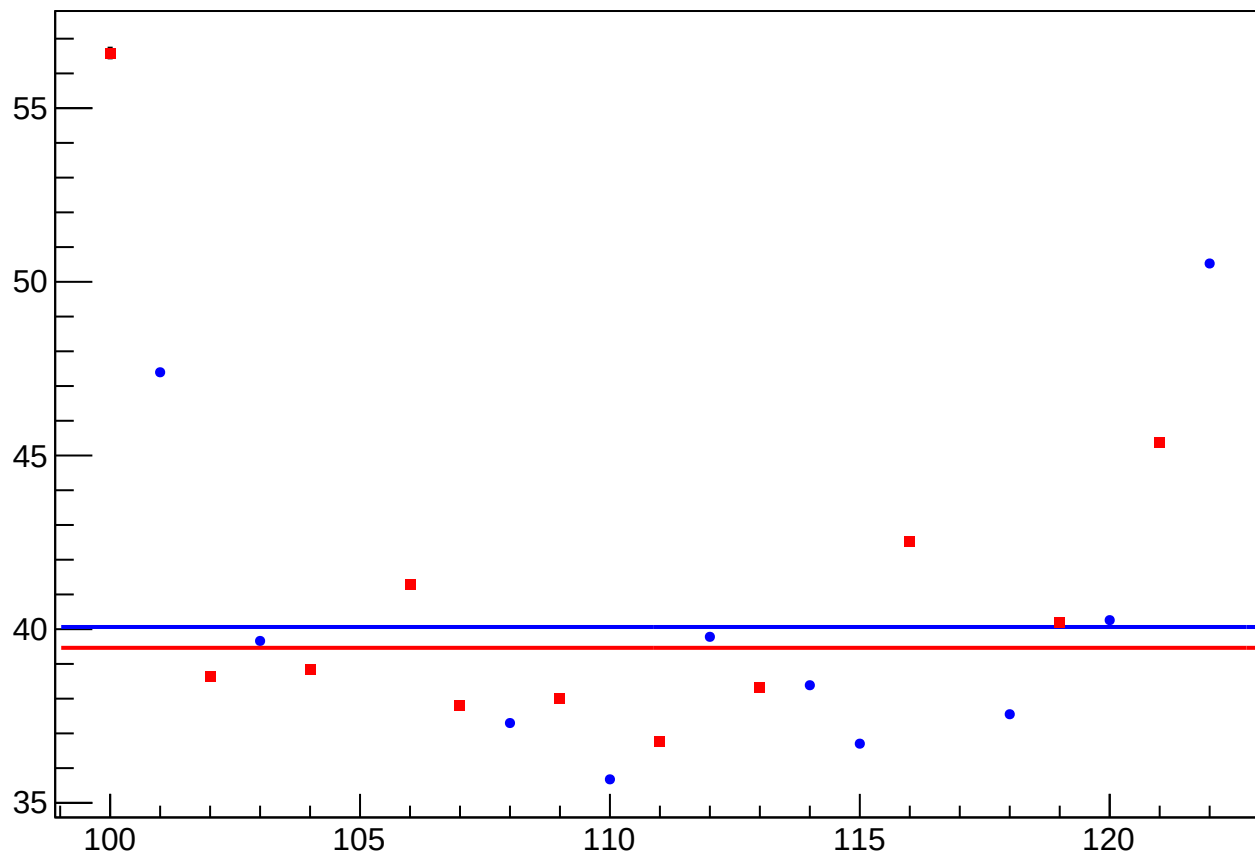
Right: 0.017+/-0.014 χ^2/NDF : 19.7/20

In: -0.003+/-0.020 χ^2/NDF :7.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.014 χ^2/NDF : 19.7/20

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.063+/-0.014 χ^2/NDF : 85848.5/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

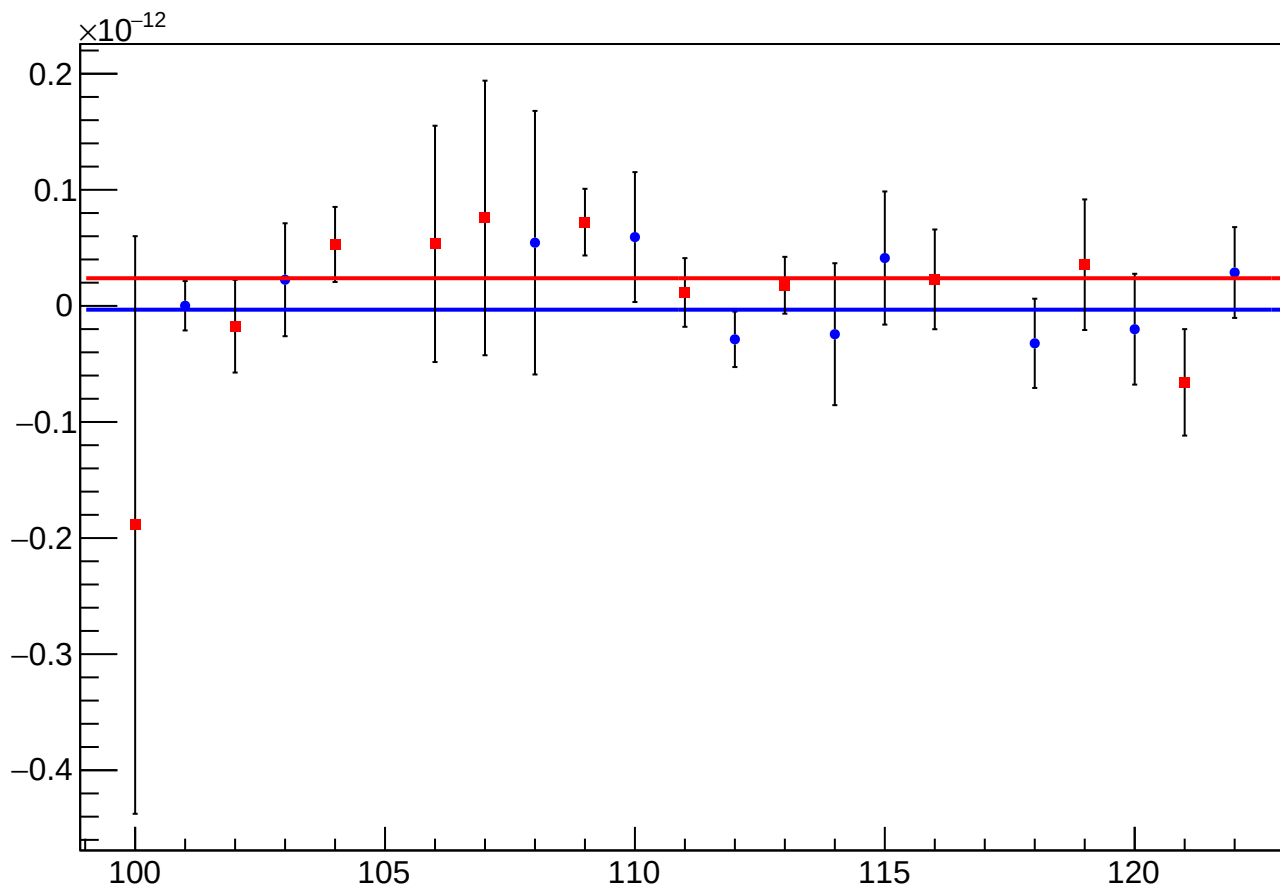
Right: 39.742+/-0.010 χ^2/NDF : 126465.9/20

In: 40.063+/-0.014 χ^2/NDF : 85848.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.742+/-0.010 χ^2/NDF : 126465.9/20

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.0/9

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

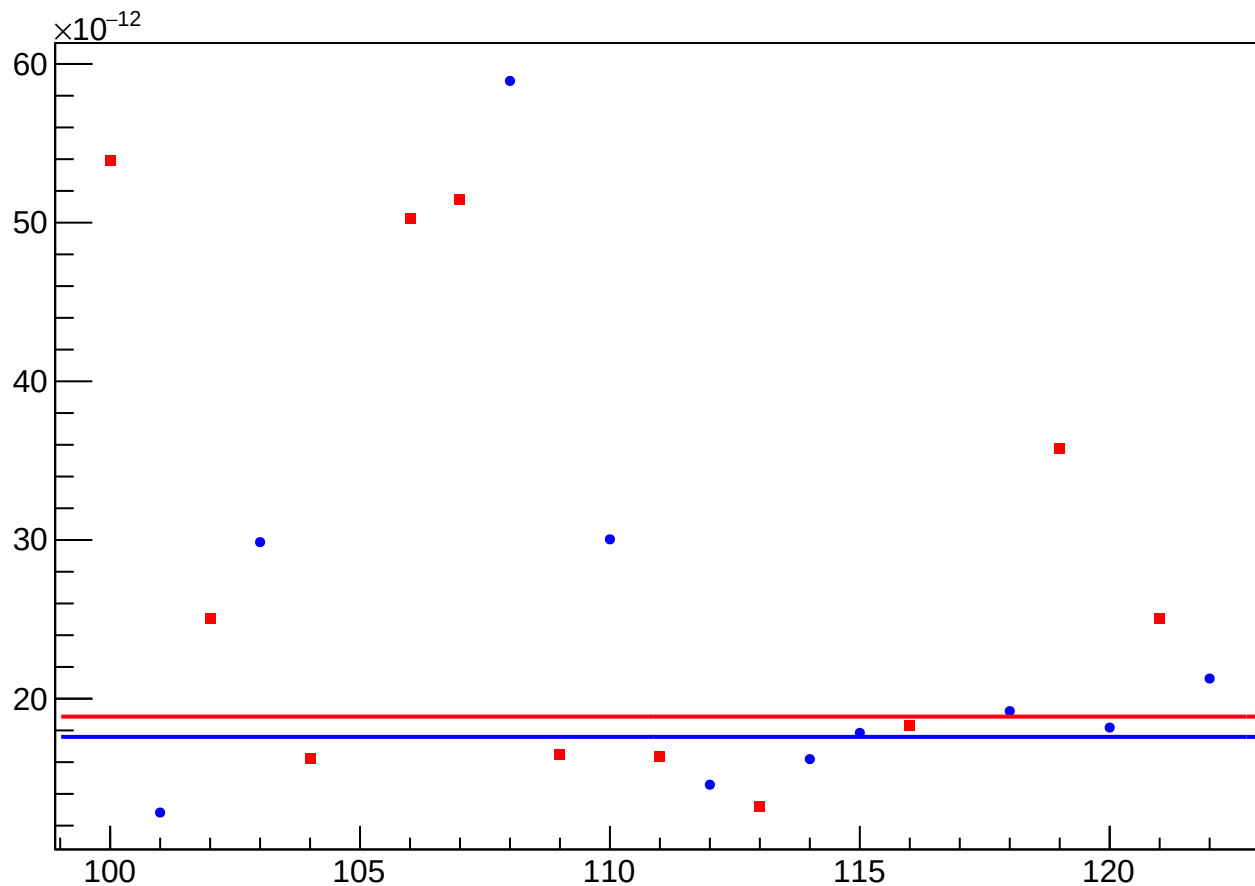
Right: 0.000+/-0.000 χ^2/NDF : 17.5/20

In: -0.000+/-0.000 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.5/20

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 646541.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

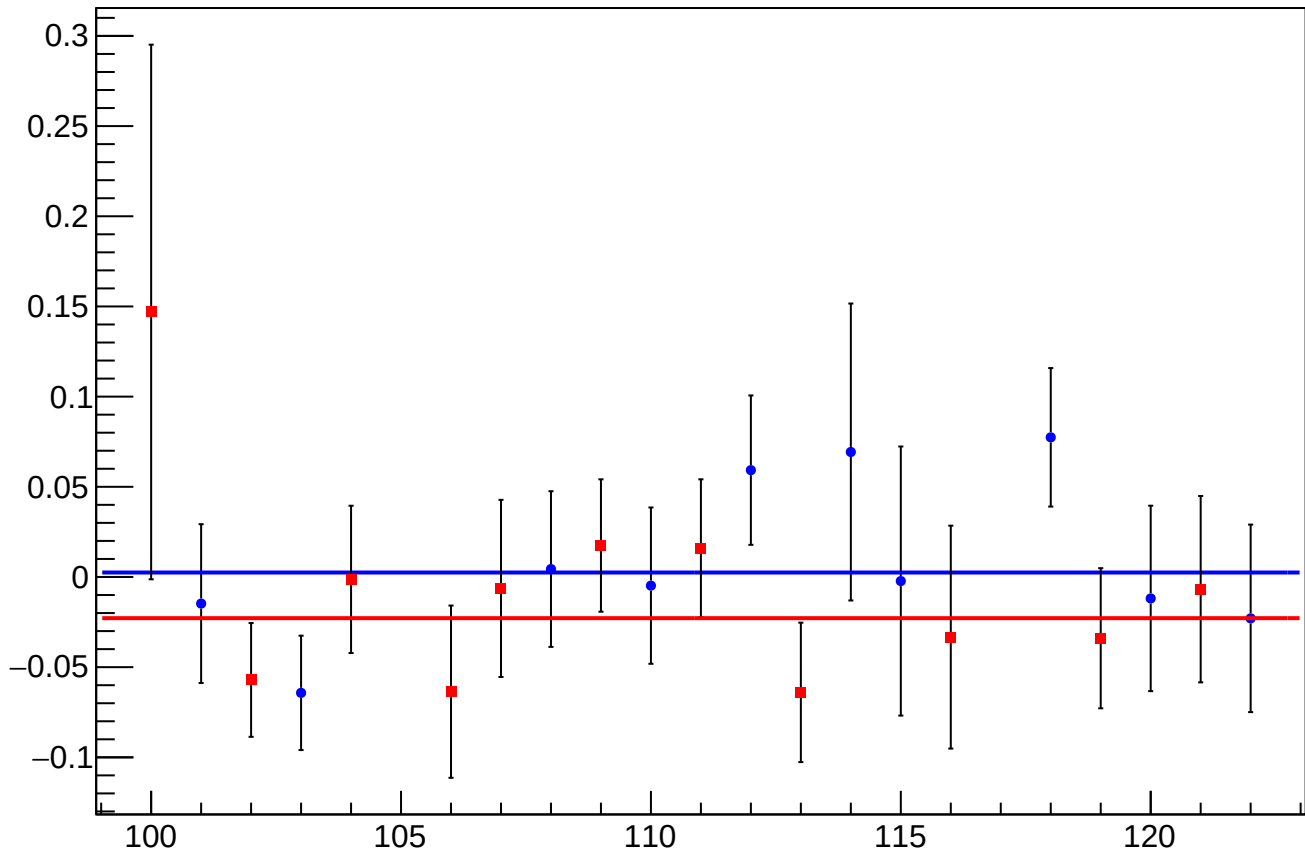
Right: 0.000+/-0.000 χ^2/NDF : 1454202.0/20

In: 0.000+/-0.000 χ^2/NDF : 646541.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1454202.0/20

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.014 χ^2/NDF : 11.3/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

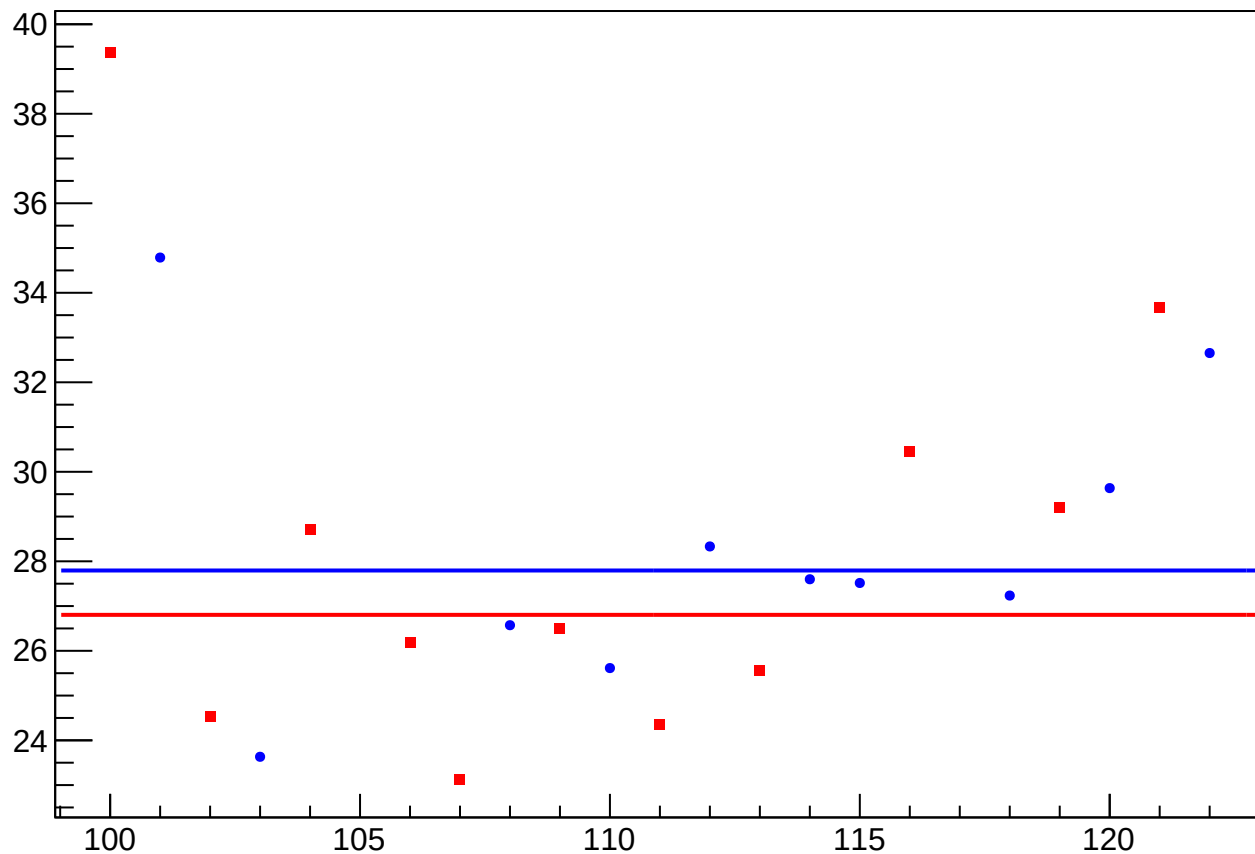
Right: -0.011+/-0.010 χ^2/NDF : 20.2/20

In: 0.002+/-0.014 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.010 χ^2/NDF : 20.2/20

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.795+/-0.010 χ^2/NDF : 112413.8/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

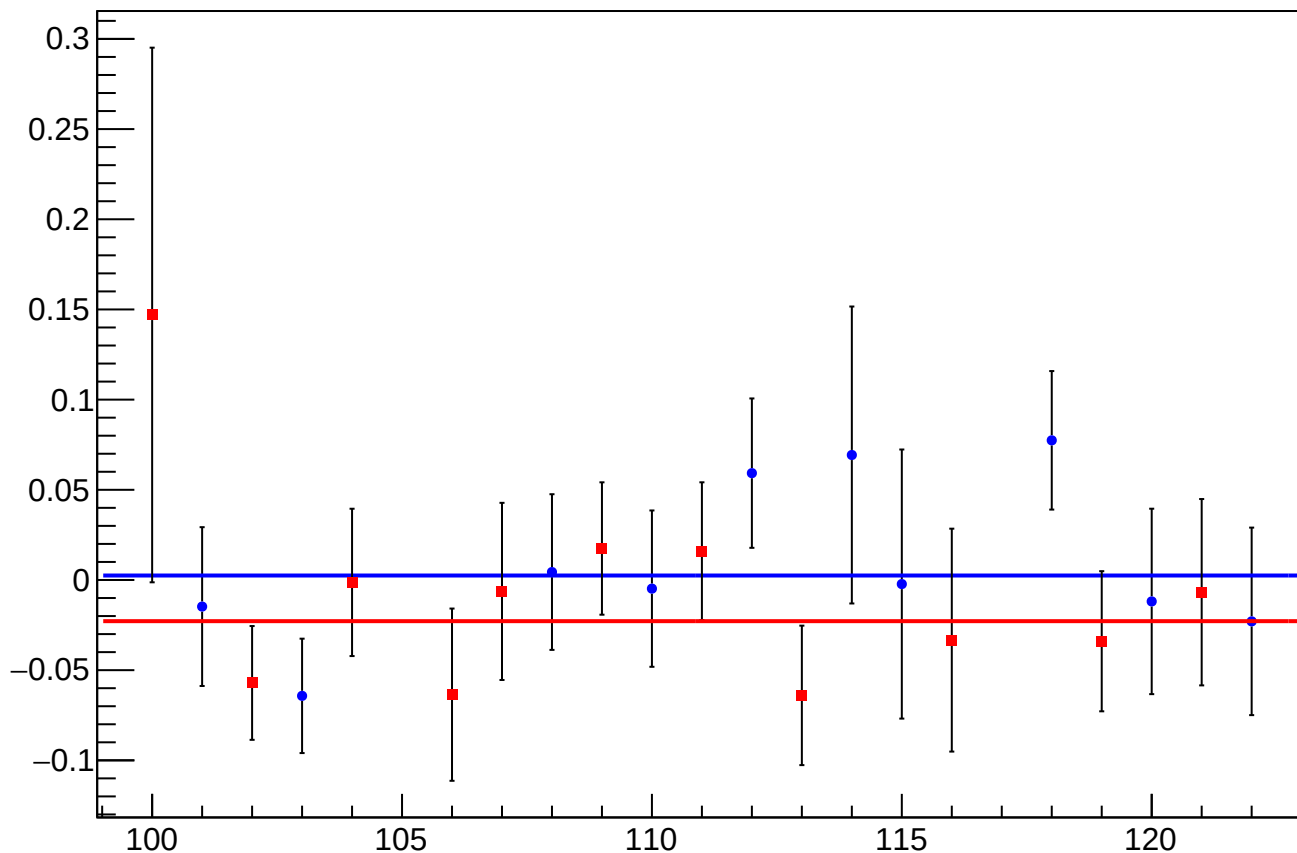
Right: 27.254+/-0.007 χ^2/NDF : 218660.6/20

In: 27.795+/-0.010 χ^2/NDF : 112413.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.254+/-0.007 χ^2/NDF : 218660.6/20

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.014 χ^2/NDF : 11.3/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

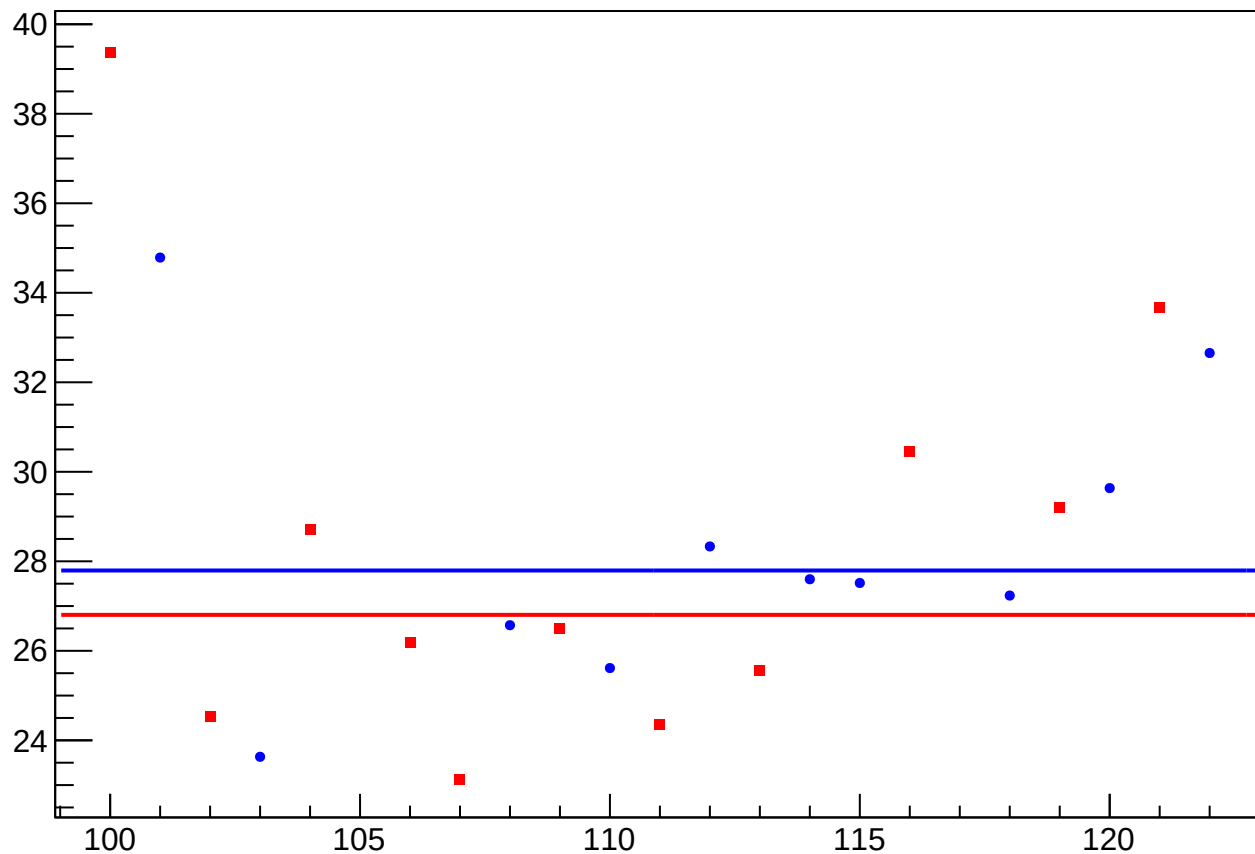
Right: -0.011+/-0.010 χ^2/NDF : 20.2/20

In: 0.002+/-0.014 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.010 χ^2/NDF : 20.2/20

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.795+/-0.010 χ^2/NDF : 112413.8/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

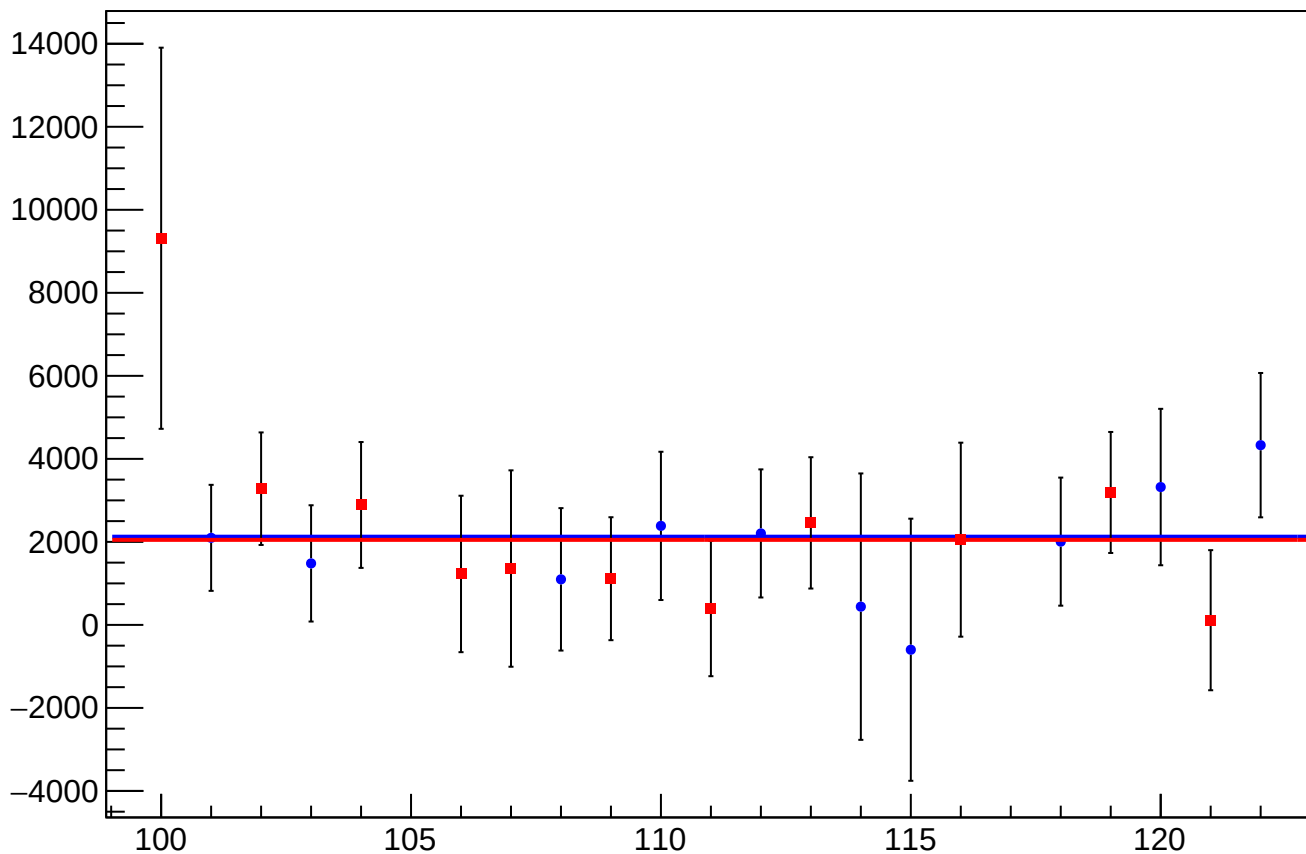
Right: 27.254+/-0.007 χ^2/NDF : 218660.6/20

In: 27.795+/-0.010 χ^2/NDF : 112413.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.254+/-0.007 χ^2/NDF : 218660.6/20

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 2124.928+/-540.258 χ^2/NDF : 3.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

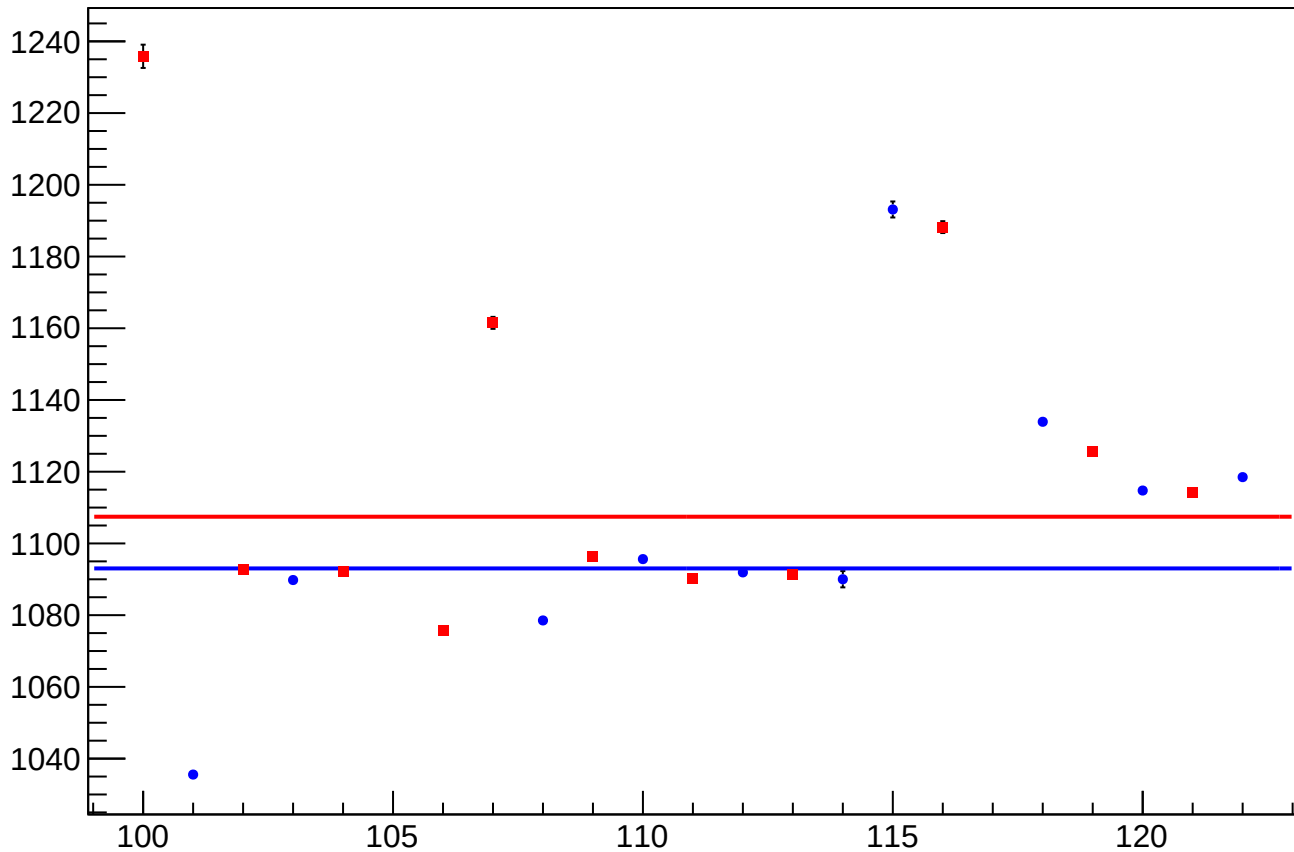
Right: 2085.193+/-373.989 χ^2/NDF : 11.0/20

In: 2124.928+/-540.258 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2085.193+/-373.989 χ^2/NDF : 11.0/20

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1093.031+/-0.382 χ^2/NDF : 8321.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

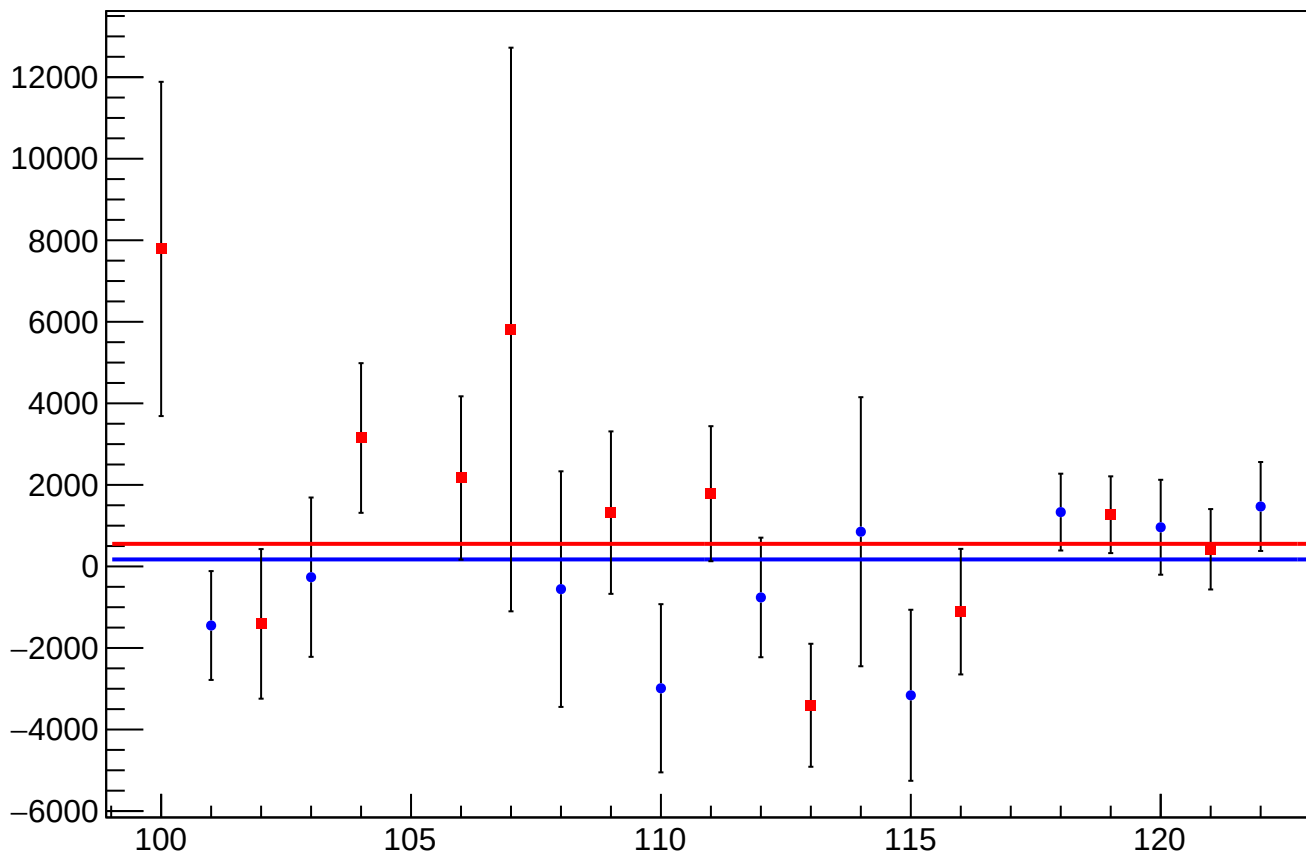
Right: 1100.541+/-0.264 χ^2/NDF : 15947.2/20

In: 1093.031+/-0.382 χ^2/NDF : 8321.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.541+/-0.264 χ^2/NDF : 15947.2/20

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: 171.829+/-462.845 χ^2/NDF : 10.3/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

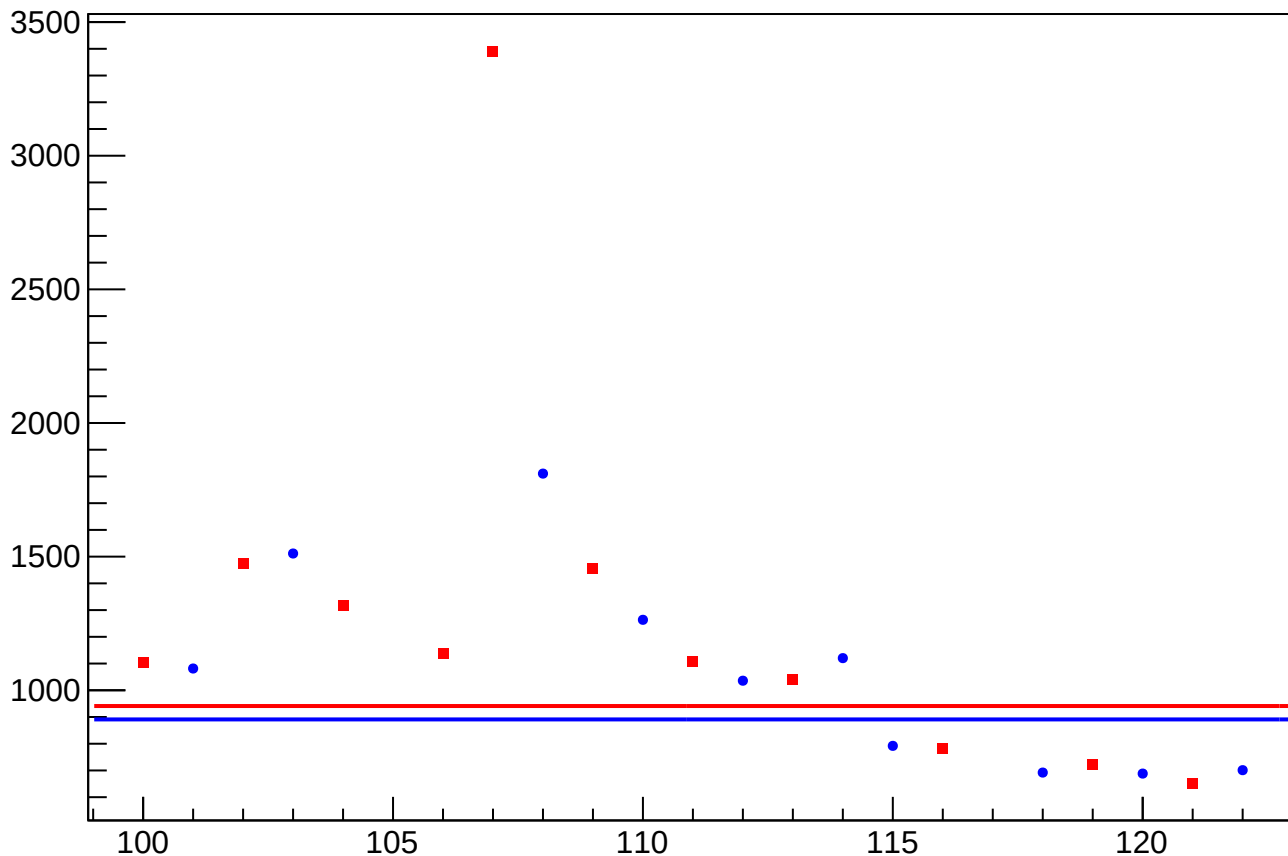
Right: 360.652+/-329.220 χ^2/NDF : 27.5/20

In: 171.829+/-462.845 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.652+/-329.220 χ^2/NDF : 27.5/20

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 890.937+/-0.327 χ^2/NDF : 754465.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

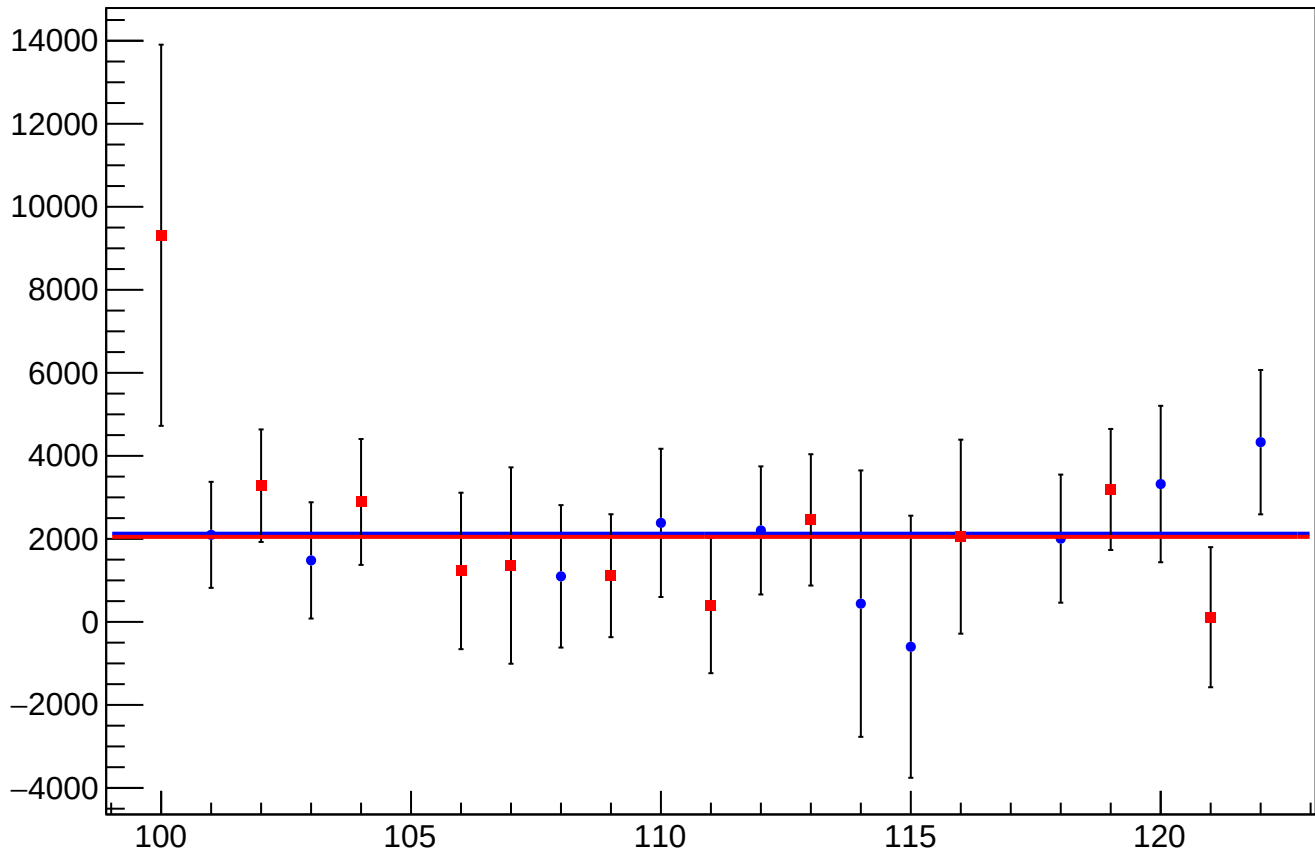
Right: 915.701+/-0.233 χ^2/NDF : 1755925.3/20

In: 890.937+/-0.327 χ^2/NDF : 754465.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.701+/-0.233 χ^2/NDF : 1755925.3/20

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2124.928 $\pm$ 540.258 χ^2 /NDF: 3.6/9

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

Right Out: 2048.632 $\pm$ 518.230 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

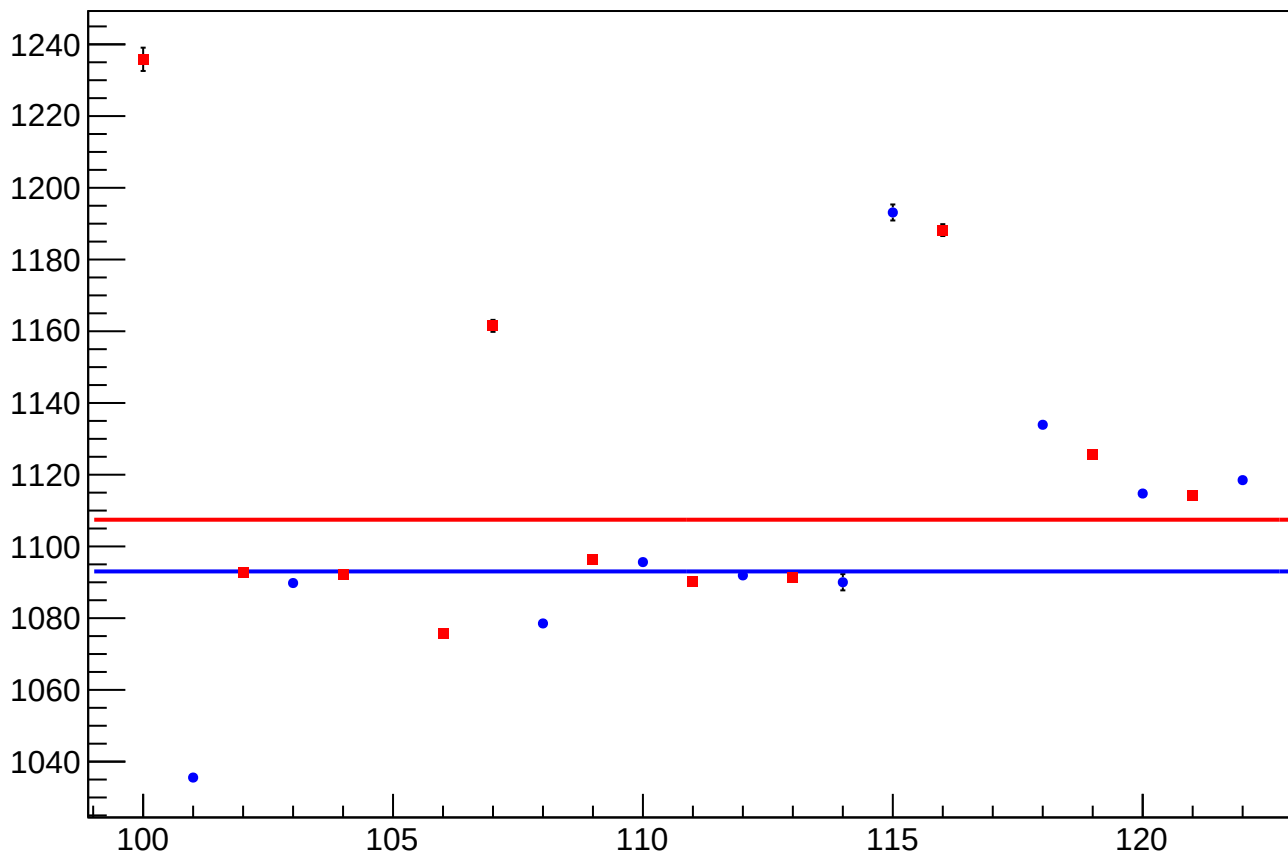
Right: 2085.193 $\pm$ 373.989 χ^2 /NDF: 11.0/20

In: 2124.928 $\pm$ 540.258 χ^2 /NDF:3.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2085.193 $\pm$ 373.989 χ^2 /NDF: 11.0/20

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1093.031+/-0.382 χ^2/NDF : 8321.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

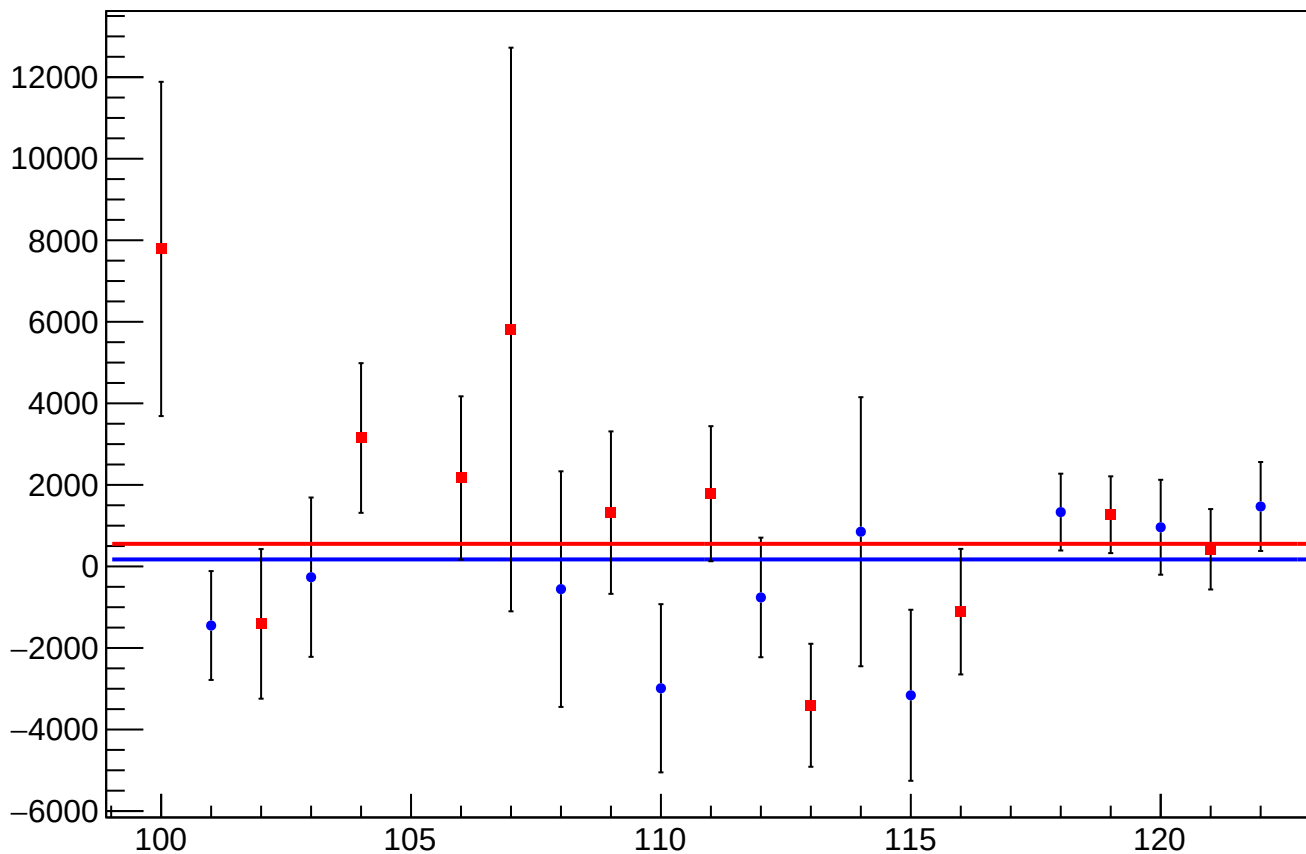
Right: 1100.541+/-0.264 χ^2/NDF : 15947.2/20

In: 1093.031+/-0.382 χ^2/NDF : 8321.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.541+/-0.264 χ^2/NDF : 15947.2/20

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: 171.829+/-462.845 χ^2/NDF : 10.3/9

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

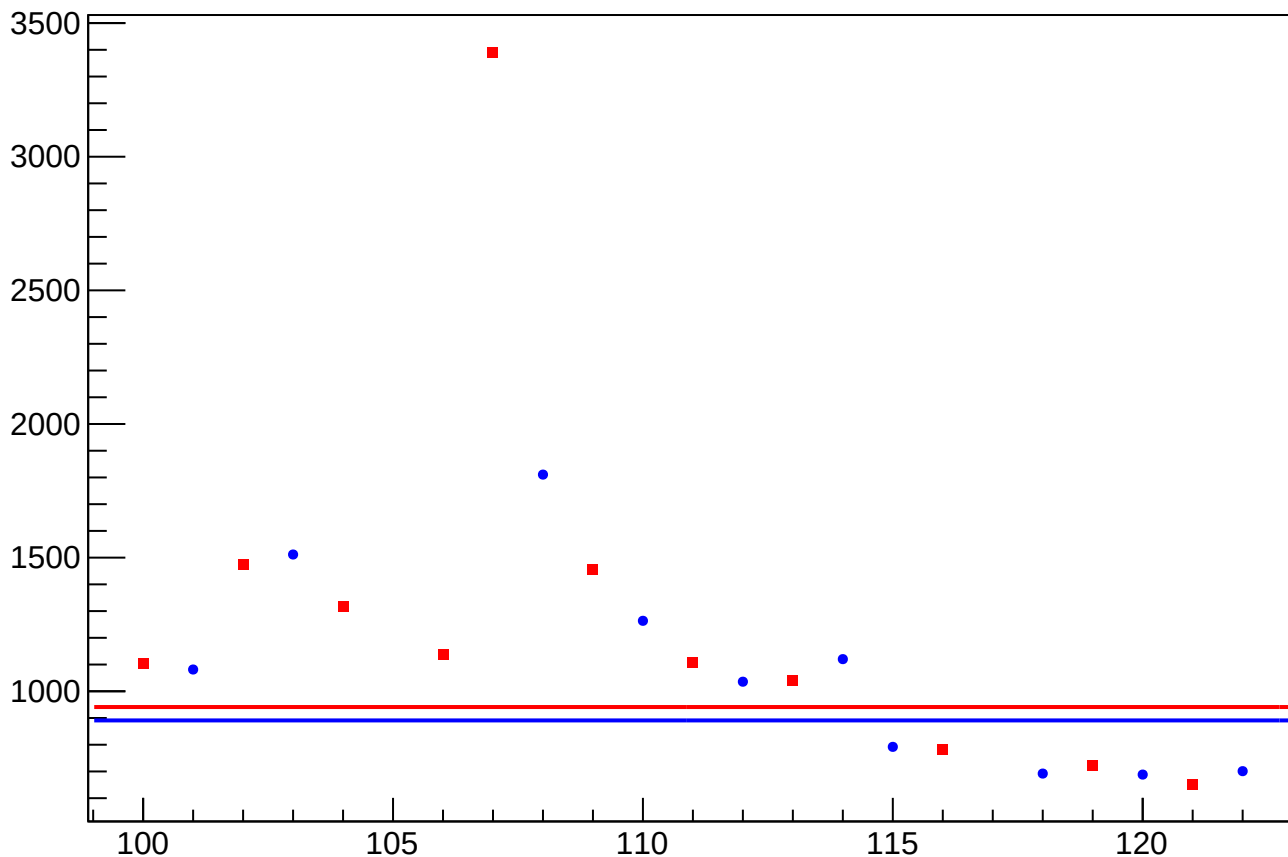
Right: 360.652+/-329.220 χ^2/NDF : 27.5/20

In: 171.829+/-462.845 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 360.652+/-329.220 χ^2/NDF : 27.5/20

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 890.937+/-0.327 χ^2/NDF : 754465.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

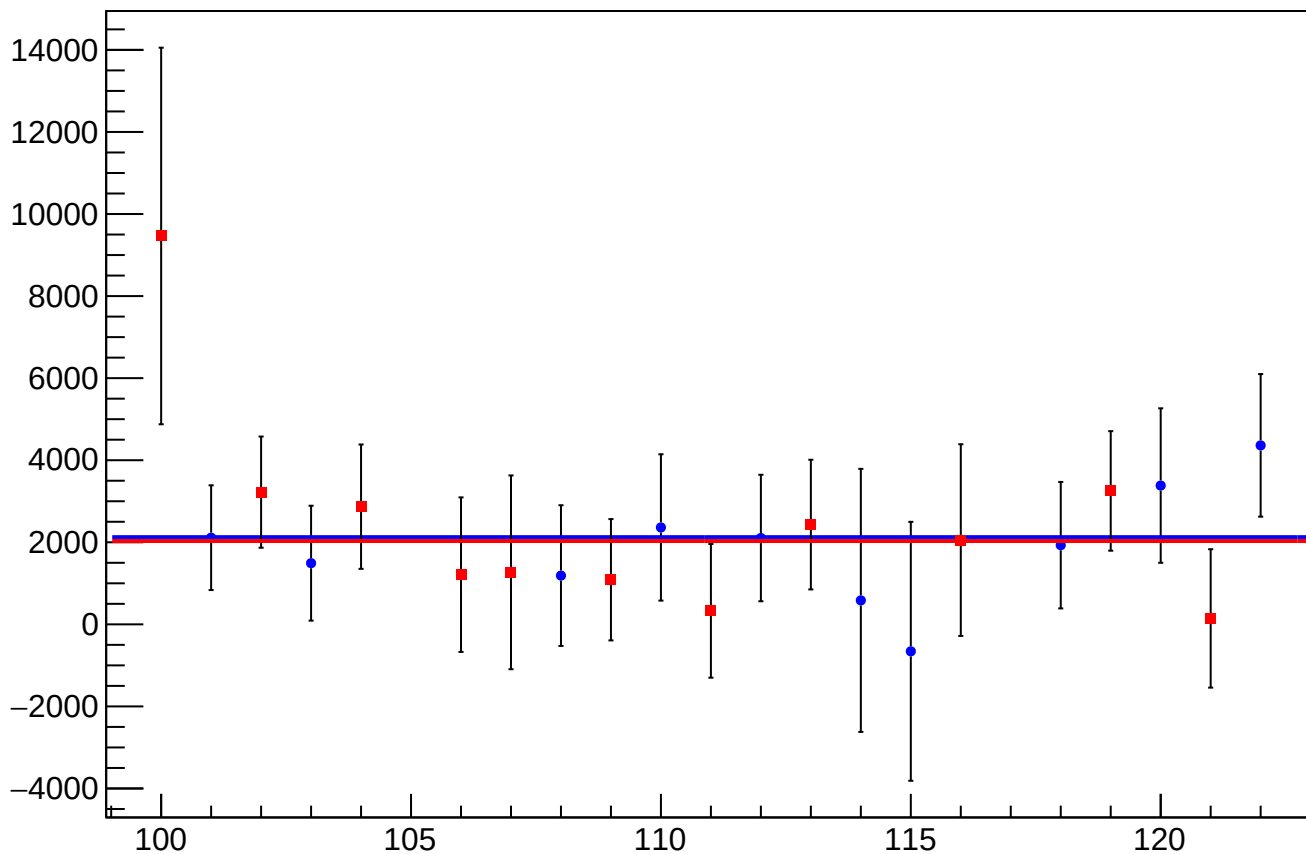
Right: 915.701+/-0.233 χ^2/NDF : 1755925.3/20

In: 890.937+/-0.327 χ^2/NDF : 754465.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.701+/-0.233 χ^2/NDF : 1755925.3/20

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2124.807+/-539.832 χ^2/NDF : 3.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

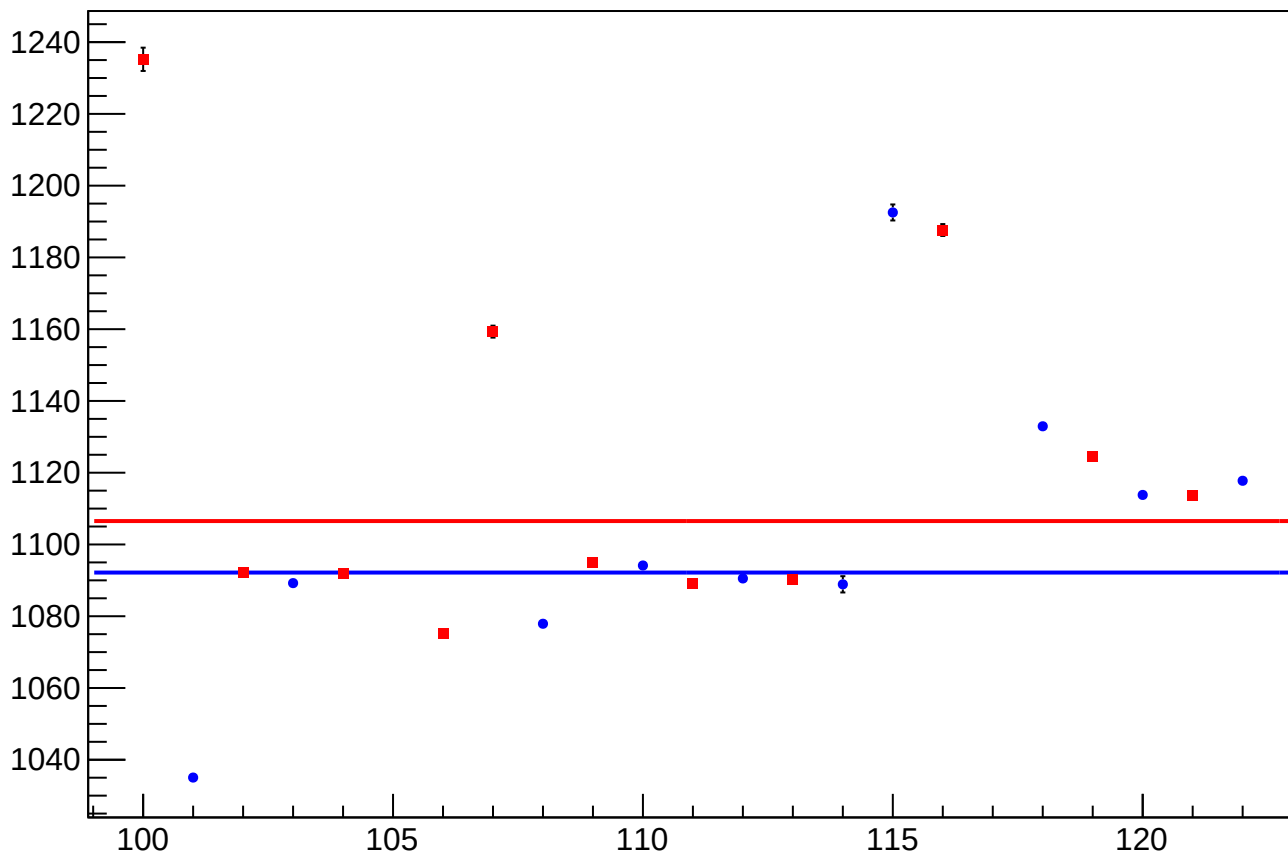
Right: 2076.167+/-373.684 χ^2/NDF : 11.2/20

In: 2124.807+/-539.832 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2076.167+/-373.684 χ^2/NDF : 11.2/20

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1092.172+/-0.382 χ^2/NDF : 8280.0/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

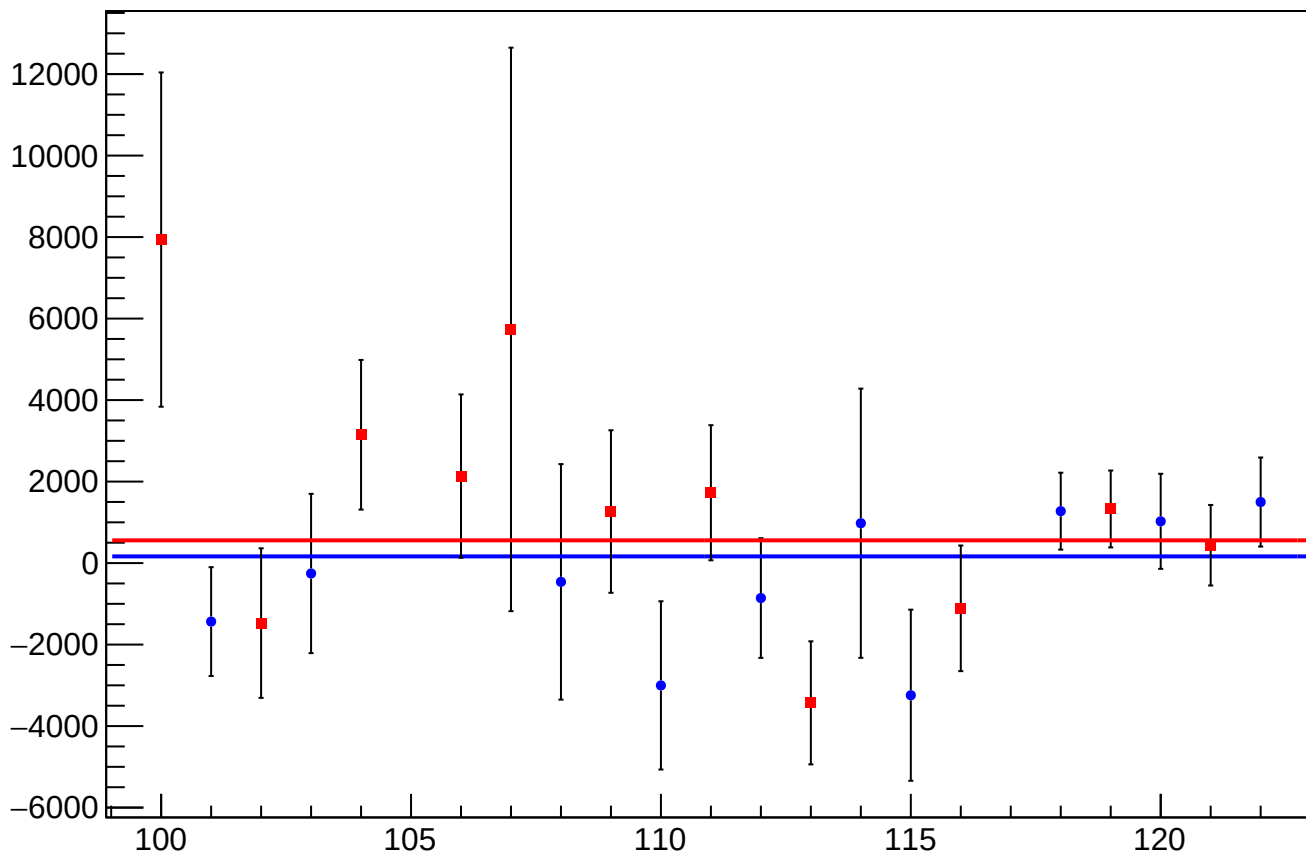
Right: 1099.647+/-0.264 χ^2/NDF : 15872.5/20

In: 1092.172+/-0.382 χ^2/NDF : 8280.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.647+/-0.264 χ^2/NDF : 15872.5/20

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 163.920+/-463.564 χ^2/NDF : 10.5/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

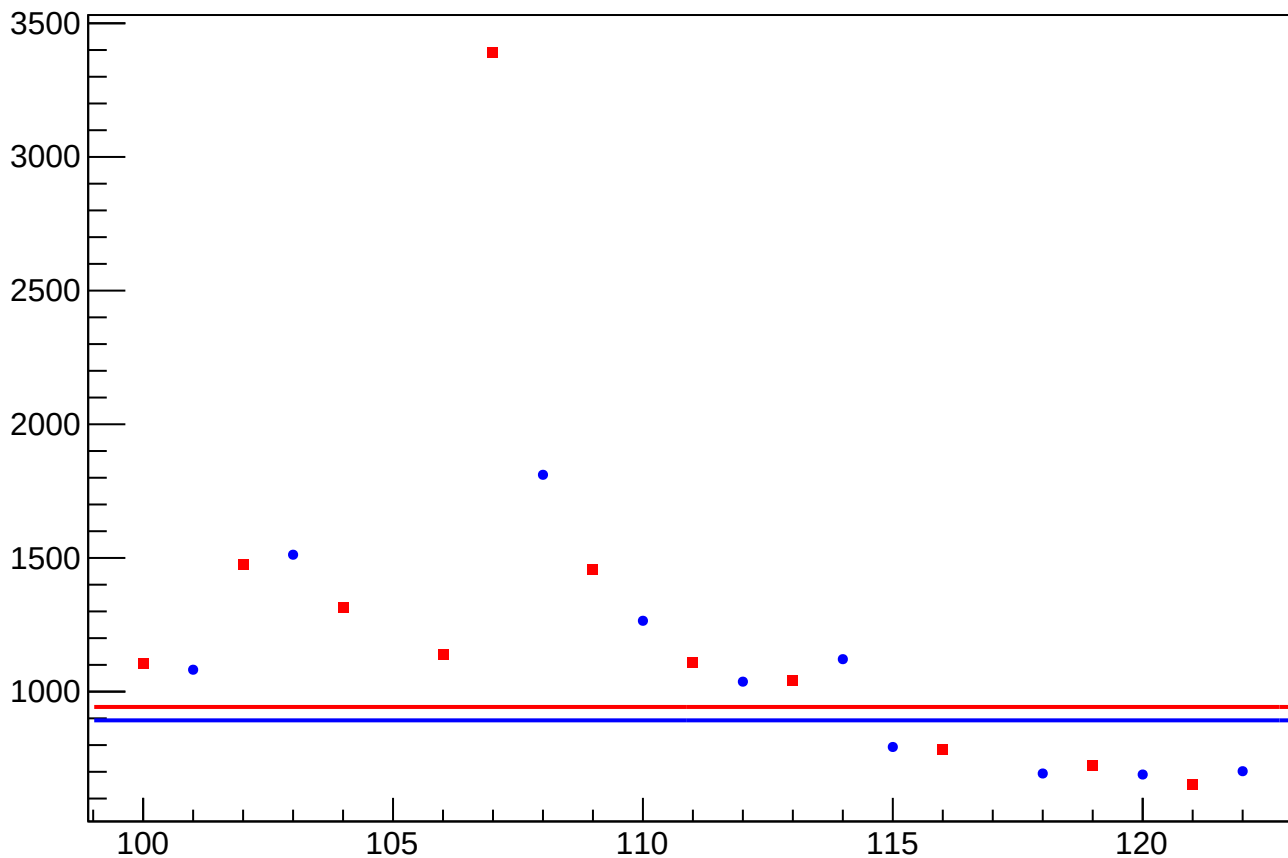
Right: 358.538+/-329.710 χ^2/NDF : 27.9/20

In: 163.920+/-463.564 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 358.538+/-329.710 χ^2/NDF : 27.9/20

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 892.502+/-0.328 χ^2/NDF : 751518.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

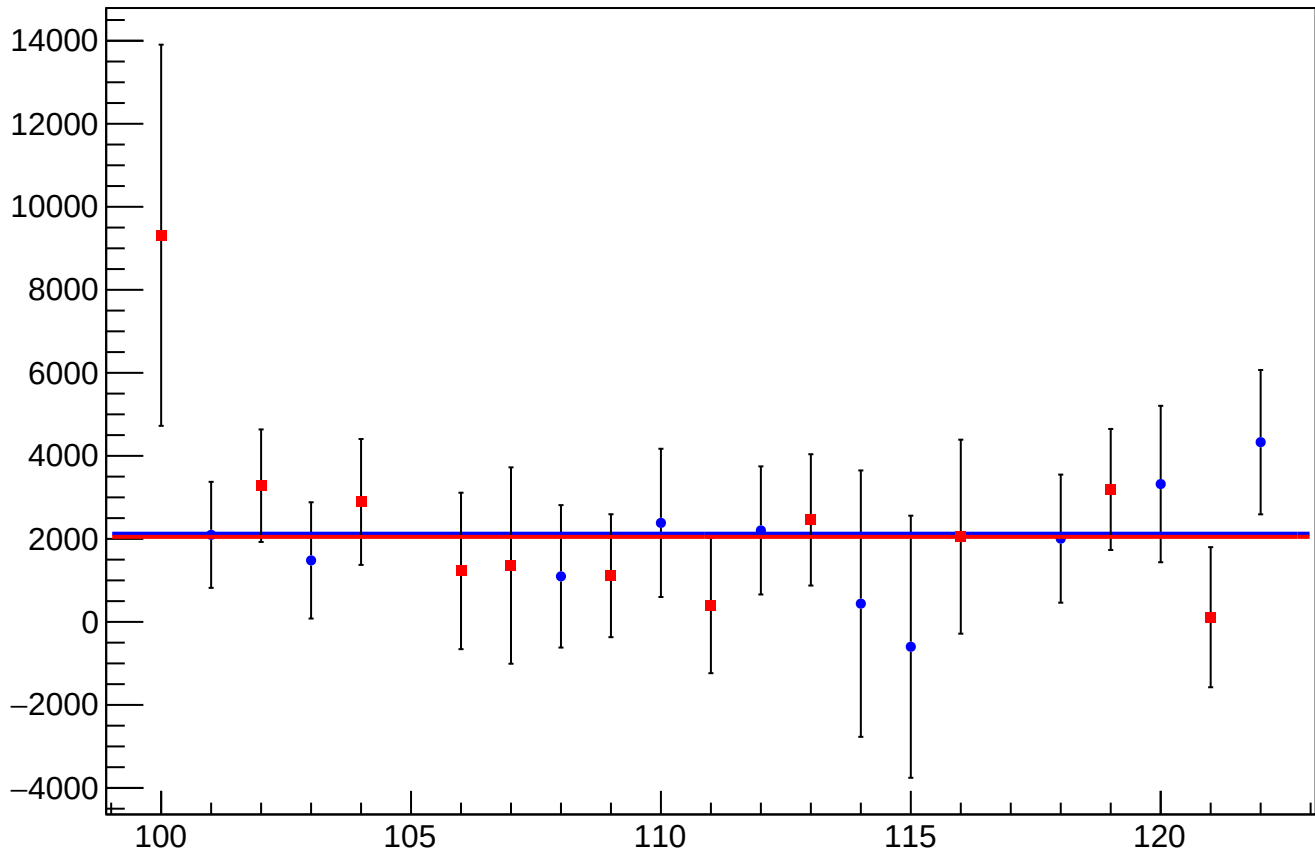
Right: 917.264+/-0.233 χ^2/NDF : 1749517.3/20

In: 892.502+/-0.328 χ^2/NDF : 751518.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 917.264+/-0.233 χ^2/NDF : 1749517.3/20

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2124.928+/-540.258 χ^2/NDF : 3.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

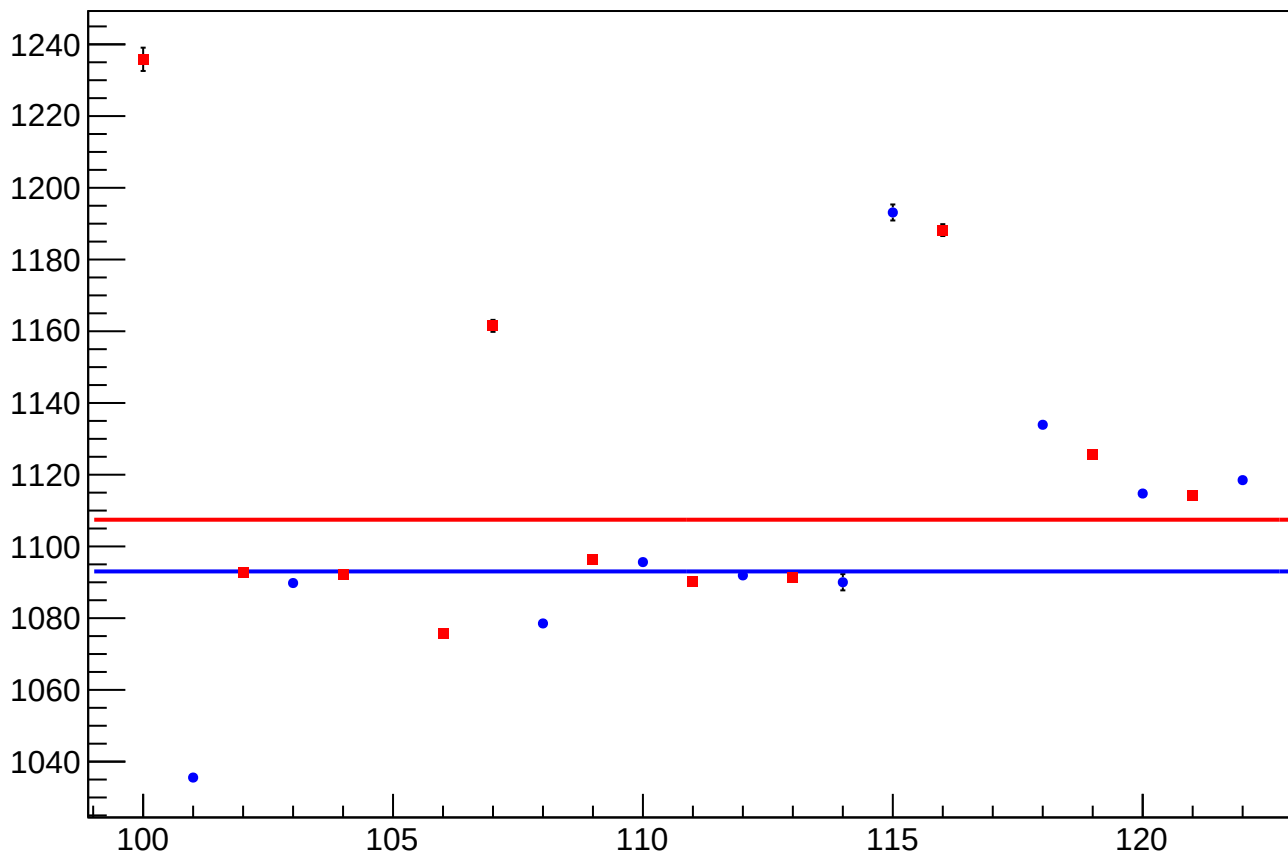
Right: 2085.193+/-373.989 χ^2/NDF : 11.0/20

In: 2124.928+/-540.258 χ^2/NDF : 3.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2085.193+/-373.989 χ^2/NDF : 11.0/20

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1093.031+/-0.382 χ^2/NDF : 8321.4/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

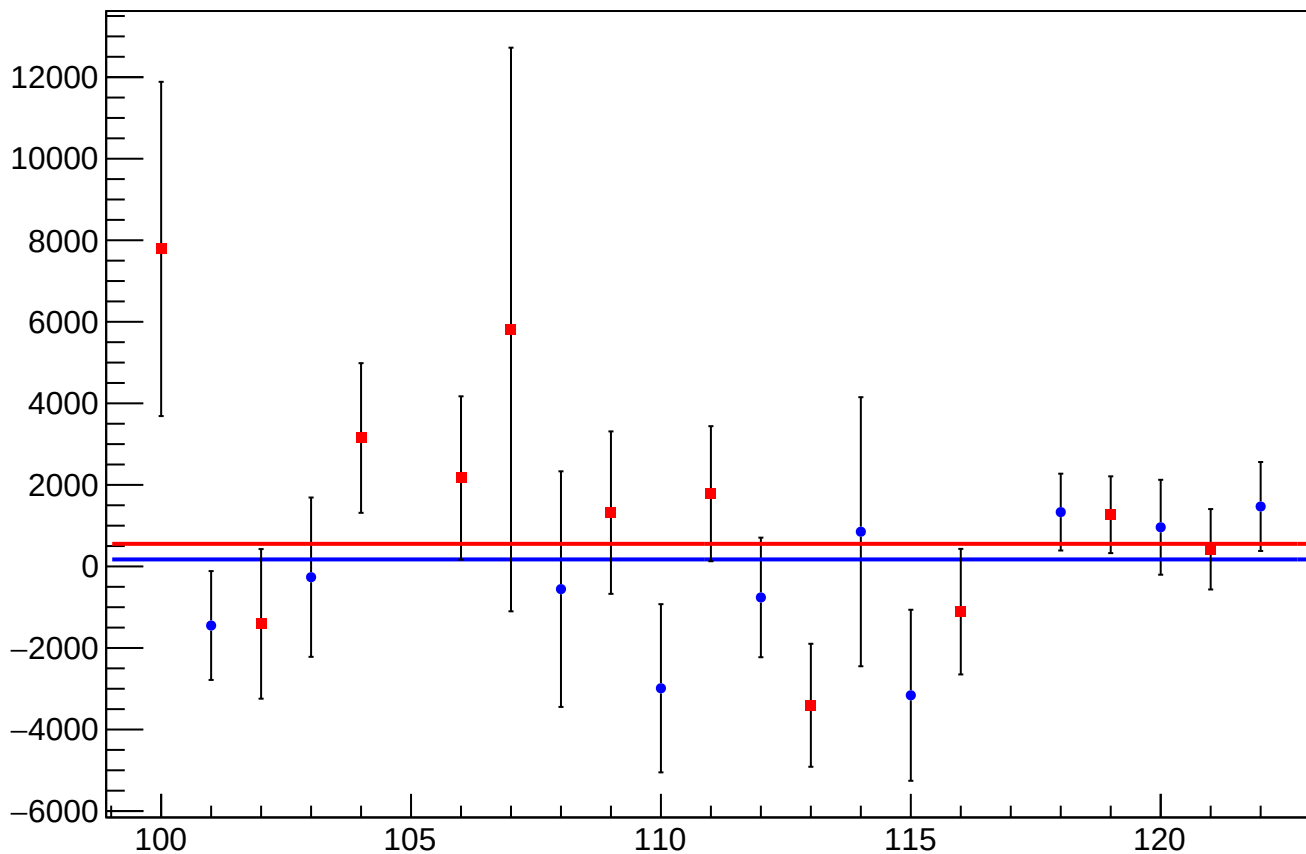
Right: 1100.541+/-0.264 χ^2/NDF : 15947.2/20

In: 1093.031+/-0.382 χ^2/NDF : 8321.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.541+/-0.264 χ^2/NDF : 15947.2/20

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 171.829+/-462.845 χ^2/NDF : 10.3/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

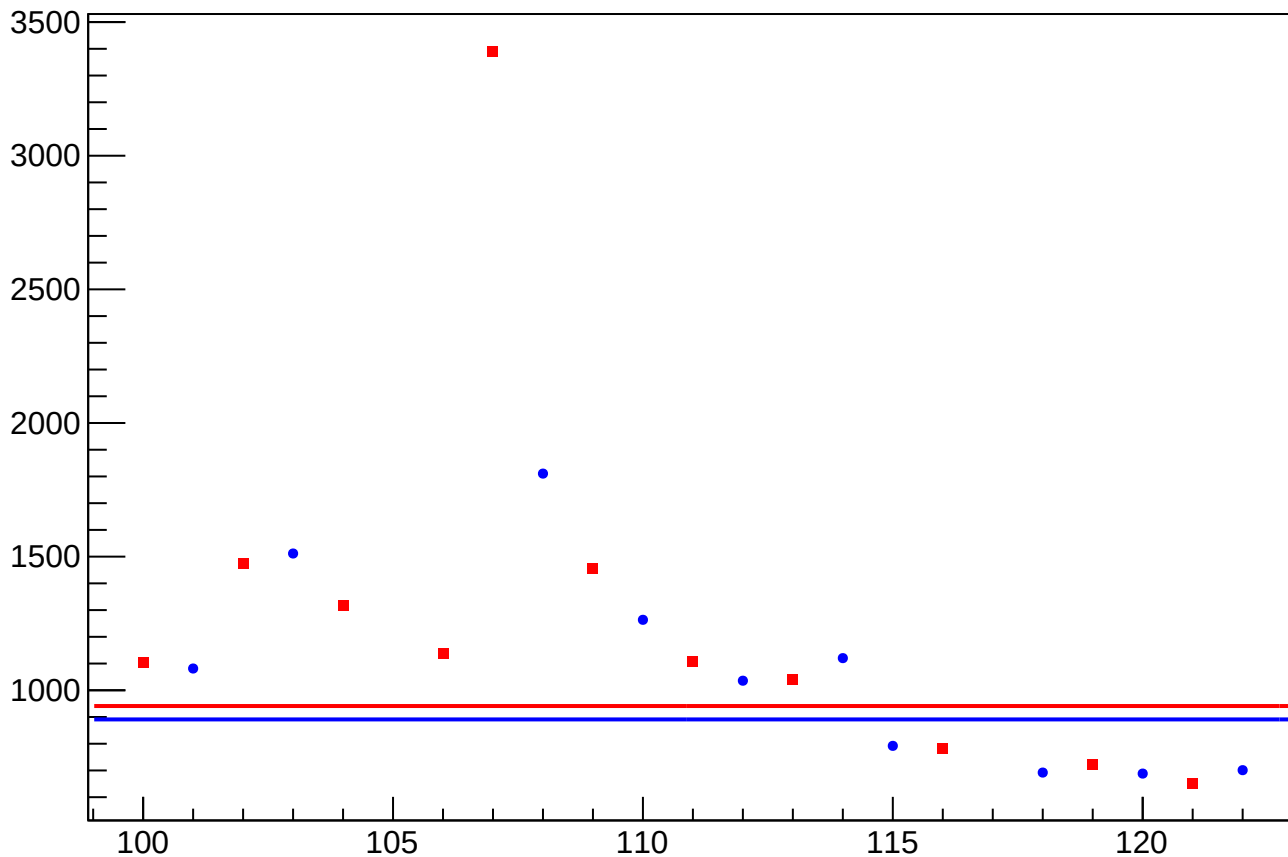
Right: 360.652+/-329.220 χ^2/NDF : 27.5/20

In: 171.829+/-462.845 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.652+/-329.220 χ^2/NDF : 27.5/20

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 890.937+/-0.327 χ^2/NDF : 754465.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

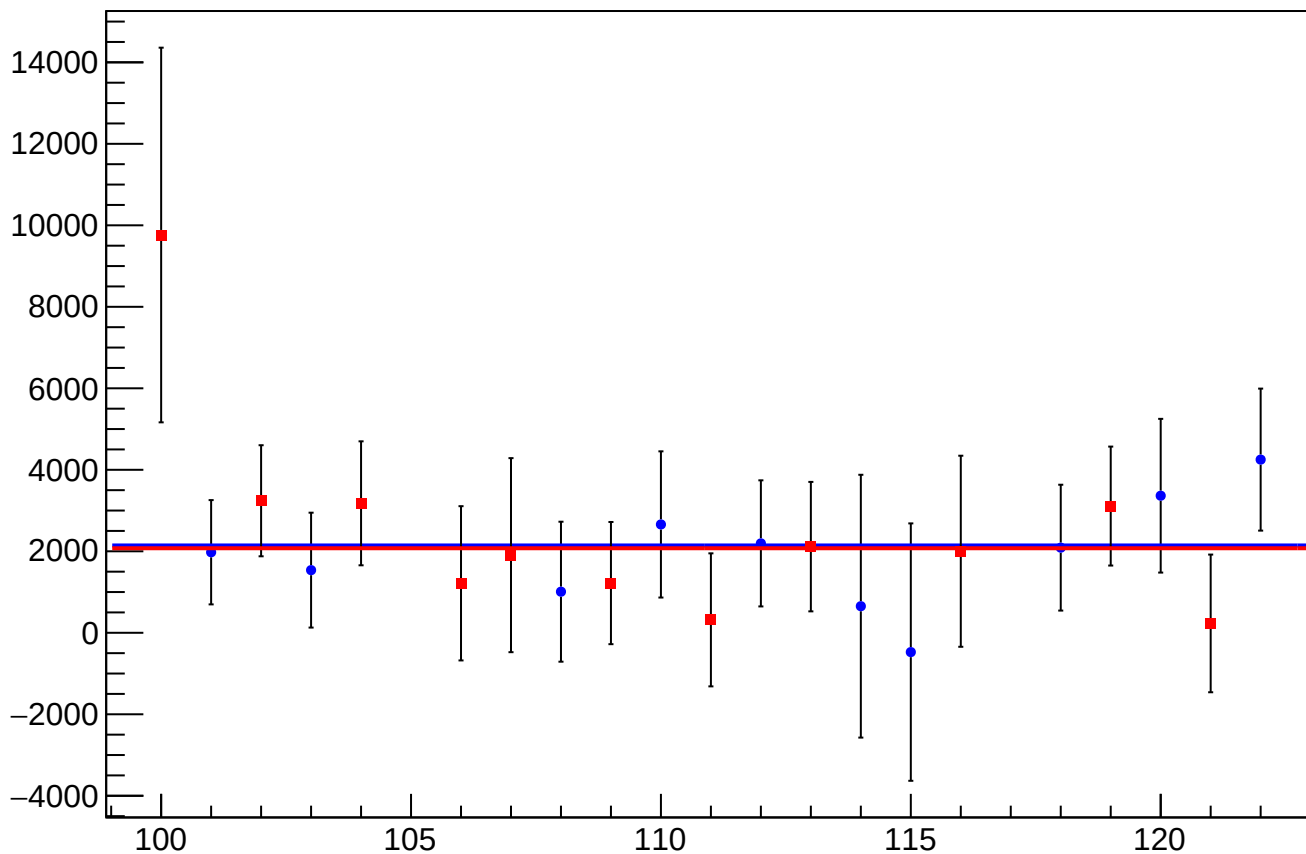
Right: 915.701+/-0.233 χ^2/NDF : 1755925.3/20

In: 890.937+/-0.327 χ^2/NDF : 754465.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.701+/-0.233 χ^2/NDF : 1755925.3/20

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2142.977+/-541.758 χ^2/NDF : 3.5/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

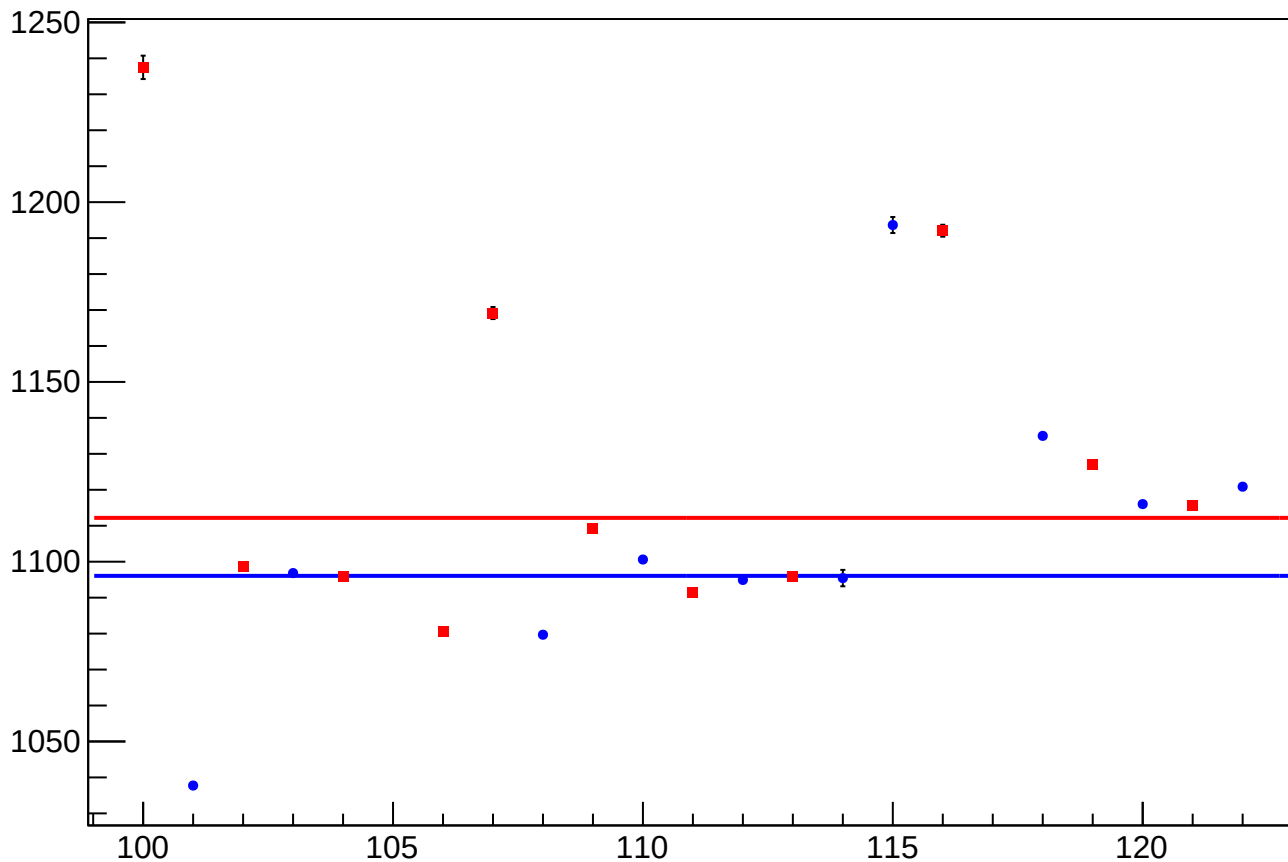
Right: 2107.440+/-375.336 χ^2/NDF : 11.0/20

In: 2142.977+/-541.758 χ^2/NDF : 3.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2107.440+/-375.336 χ^2/NDF : 11.0/20

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1096.061+/-0.383 χ^2/NDF : 8158.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

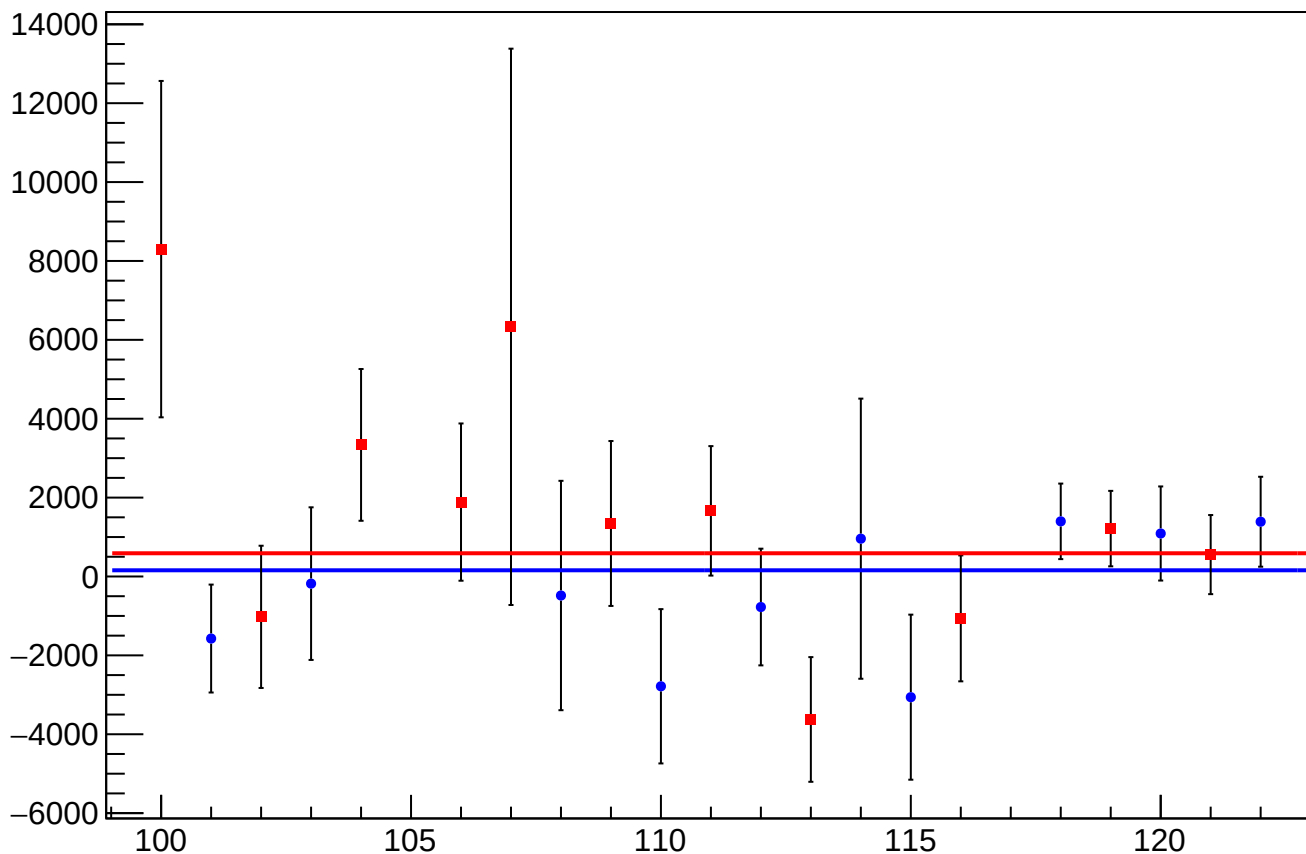
Right: 1104.448+/-0.265 χ^2/NDF : 15769.4/20

In: 1096.061+/-0.383 χ^2/NDF : 8158.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.448+/-0.265 χ^2/NDF : 15769.4/20

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: 157.056+/-470.971 χ^2/NDF : 10.2/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

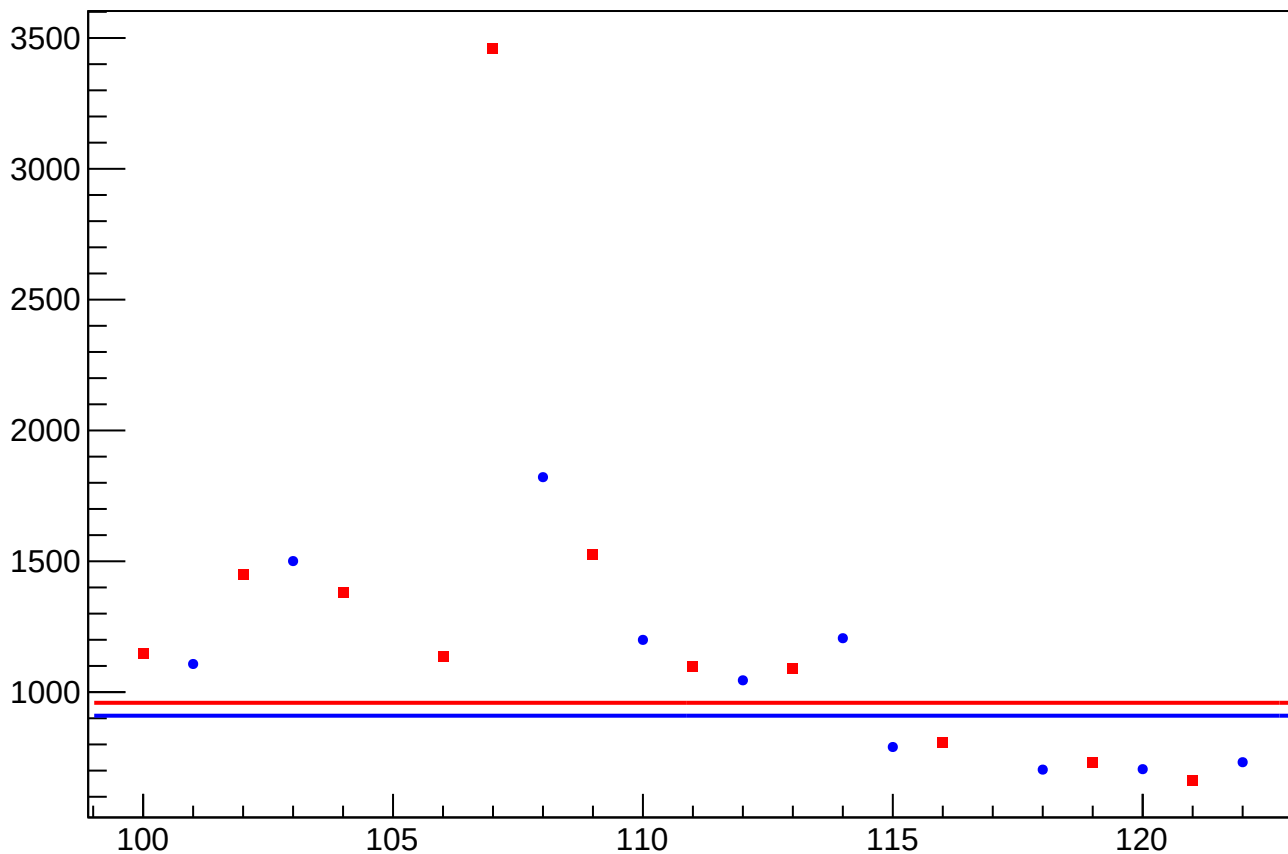
Right: 369.891+/-335.329 χ^2/NDF : 27.0/20

In: 157.056+/-470.971 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.891+/-335.329 χ^2/NDF : 27.0/20

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 909.834+/-0.333 χ^2/NDF : 705930.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

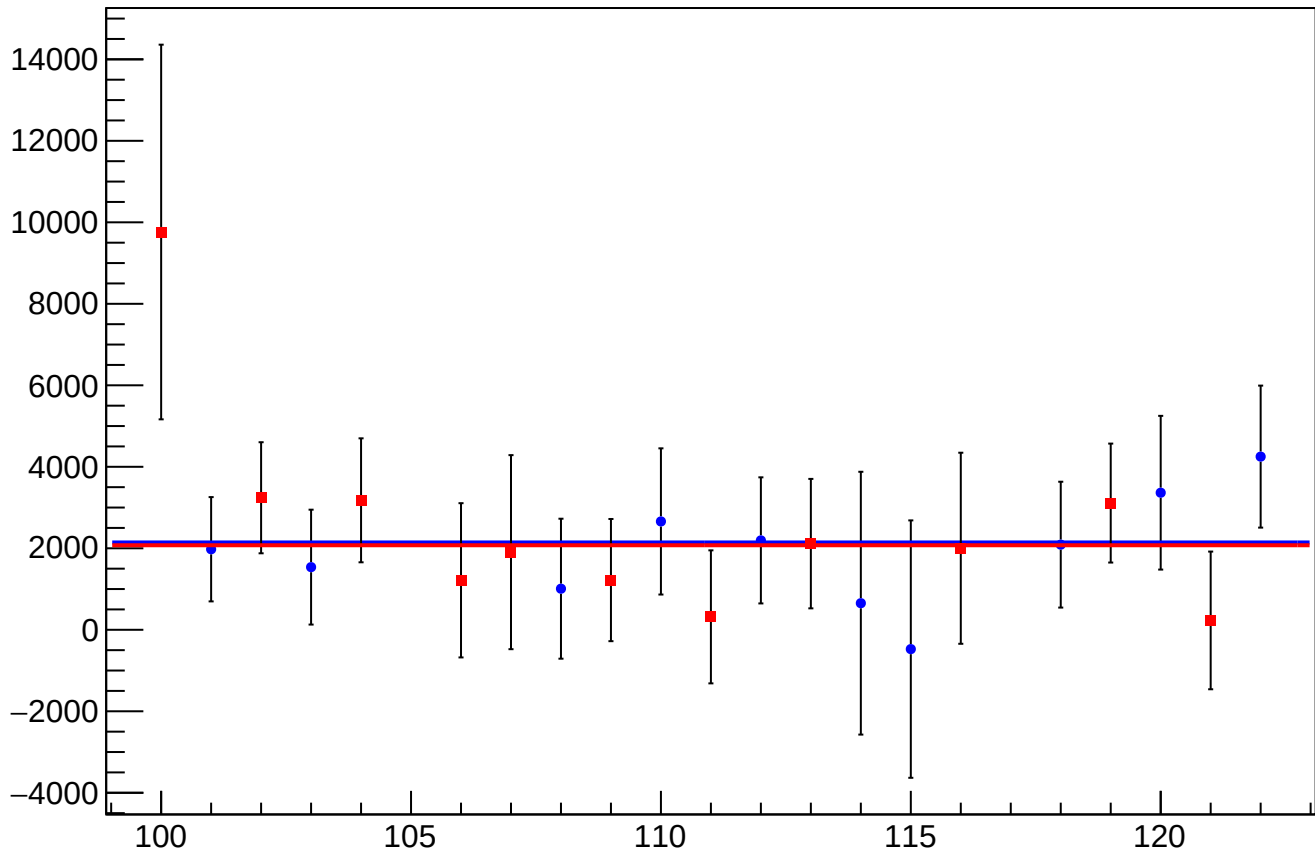
Right: 934.149+/-0.237 χ^2/NDF : 1713995.4/20

In: 909.834+/-0.333 χ^2/NDF : 705930.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 934.149+/-0.237 χ^2/NDF : 1713995.4/20

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 2142.977+/-541.758 χ^2/NDF : 3.5/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

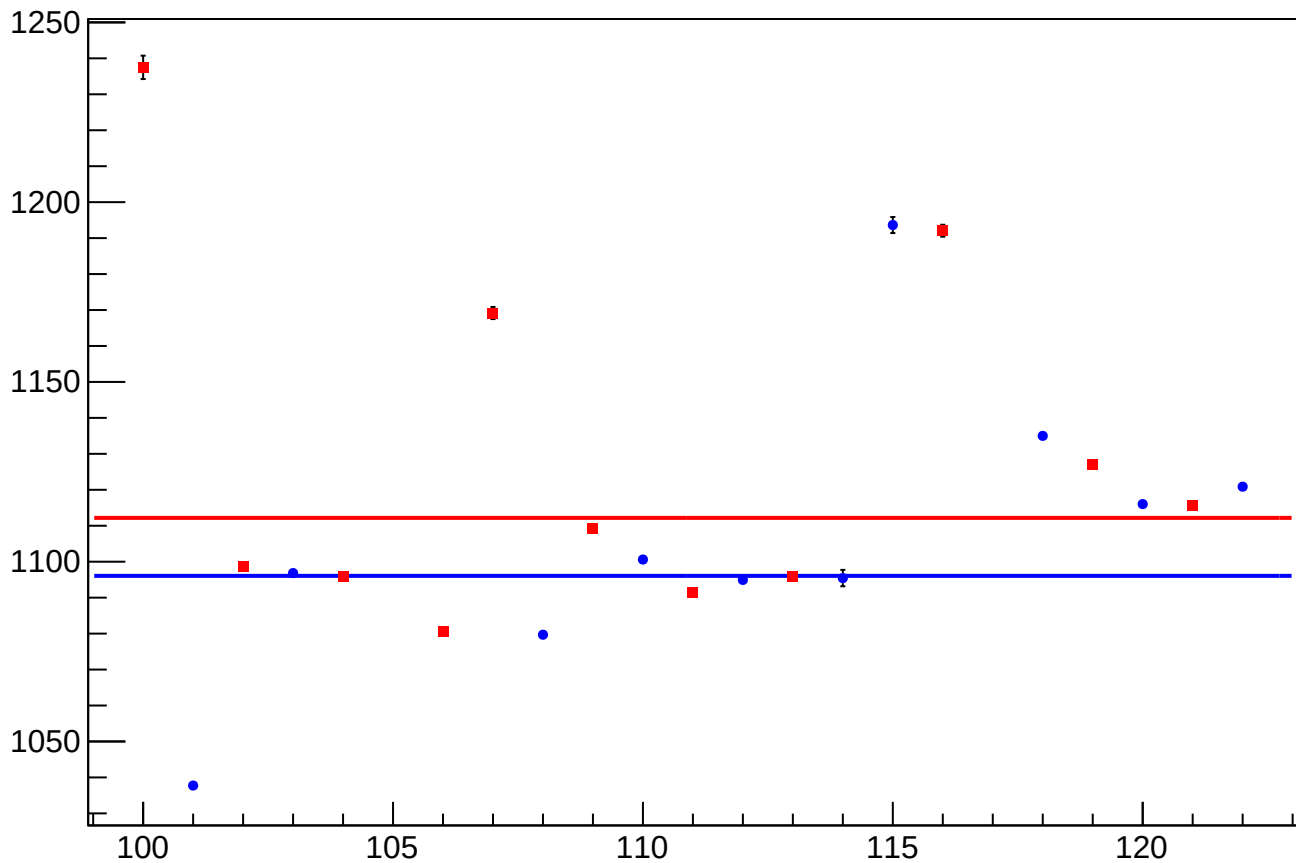
Right: 2107.439+/-375.336 χ^2/NDF : 11.0/20

In: 2142.977+/-541.758 χ^2/NDF : 3.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2107.439+/-375.336 χ^2/NDF : 11.0/20

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1096.061+/-0.383 χ^2/NDF : 8158.6/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

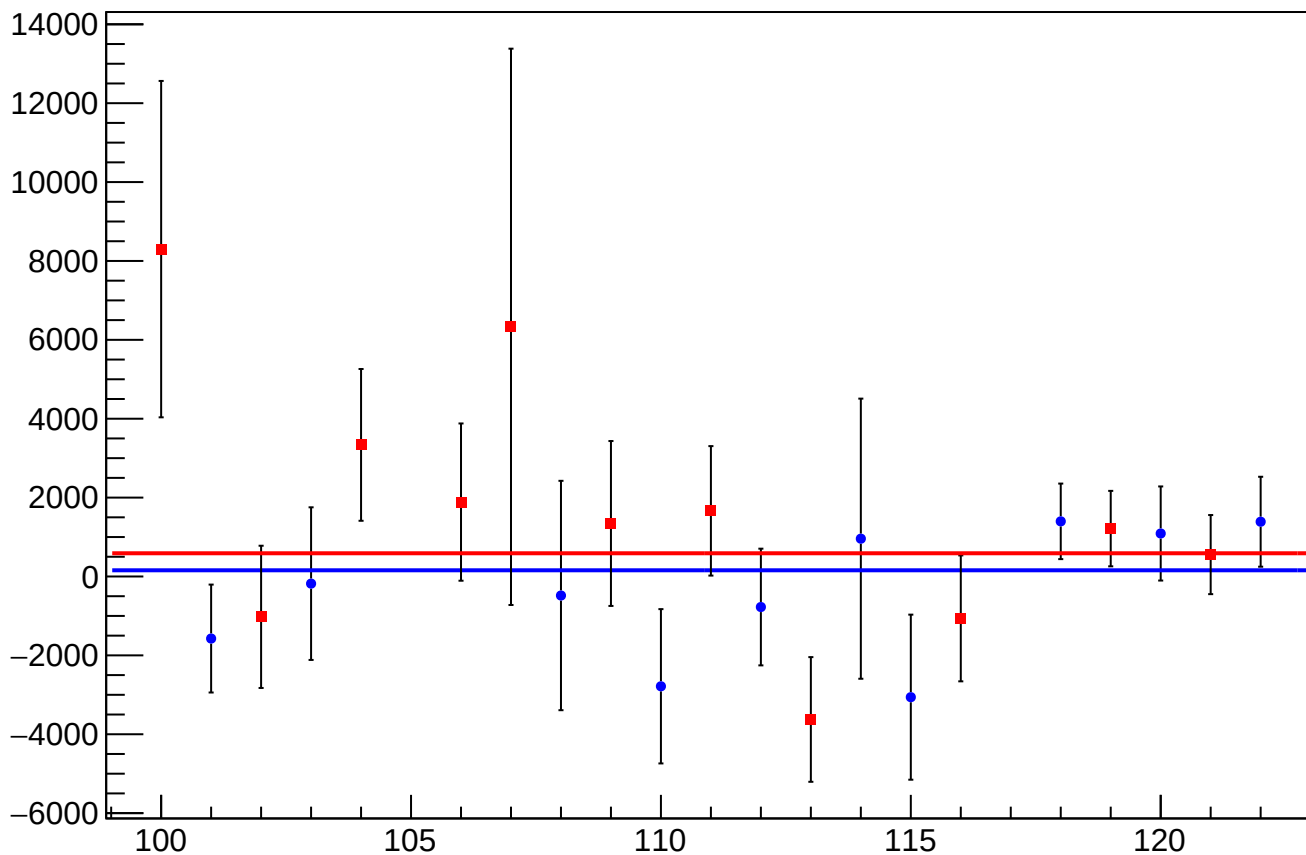
Right: 1104.448+/-0.265 χ^2/NDF : 15769.3/20

In: 1096.061+/-0.383 χ^2/NDF : 8158.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.448+/-0.265 χ^2/NDF : 15769.3/20

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 157.056+/-470.970 χ^2/NDF : 10.2/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

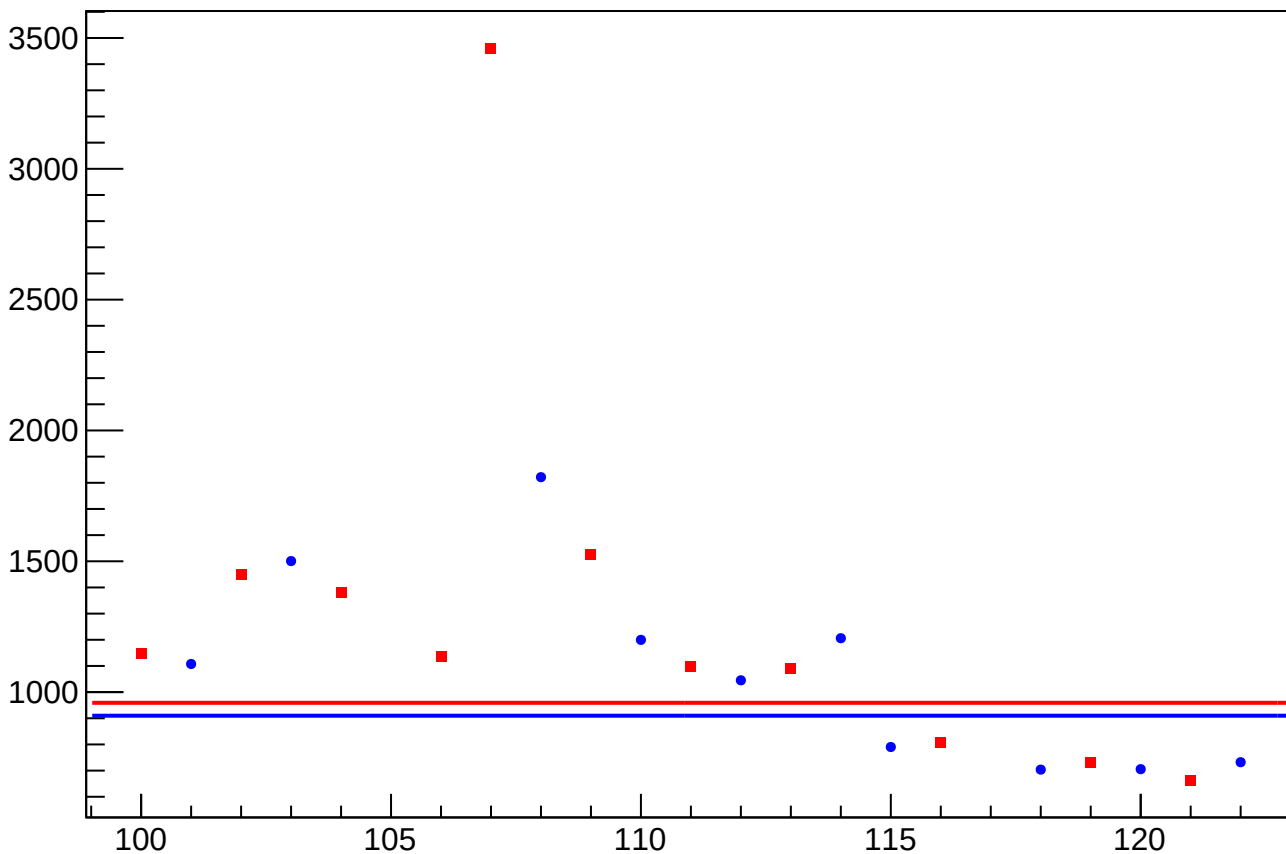
Right: 369.890+/-335.329 χ^2/NDF : 27.0/20

In: 157.056+/-470.970 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.890+/-335.329 χ^2/NDF : 27.0/20

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 909.832+/-0.333 χ^2/NDF : 705932.8/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

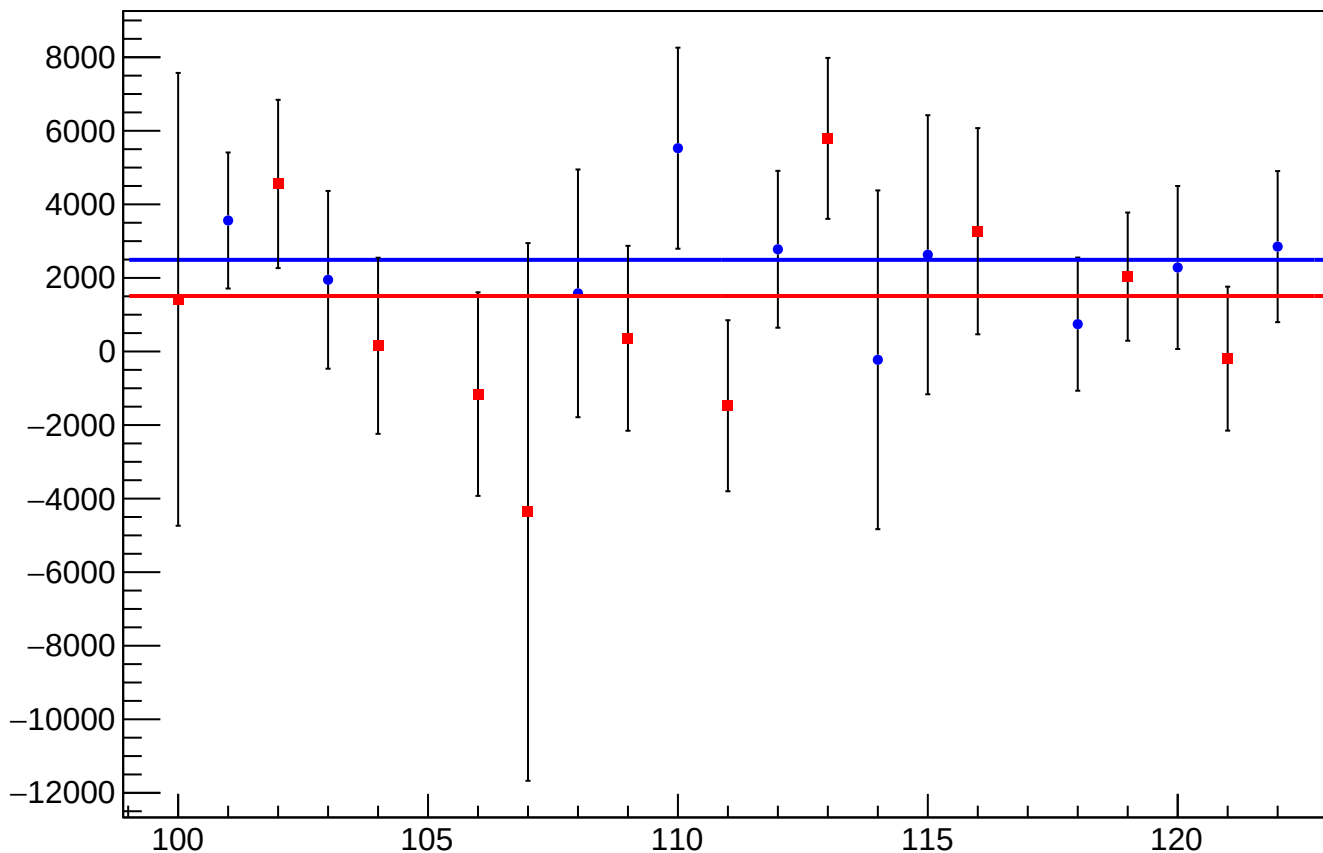
Right: 934.147+/-0.237 χ^2/NDF : 1713998.2/20

In: 909.832+/-0.333 χ^2/NDF : 705932.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 934.147+/-0.237 χ^2/NDF : 1713998.2/20

asym_usl_mean vs Slug, Sign Corrected



Right In: 2491.711+/-752.092 χ^2/NDF : 3.0/9

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

Right Out: 1508.378+/-743.106 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

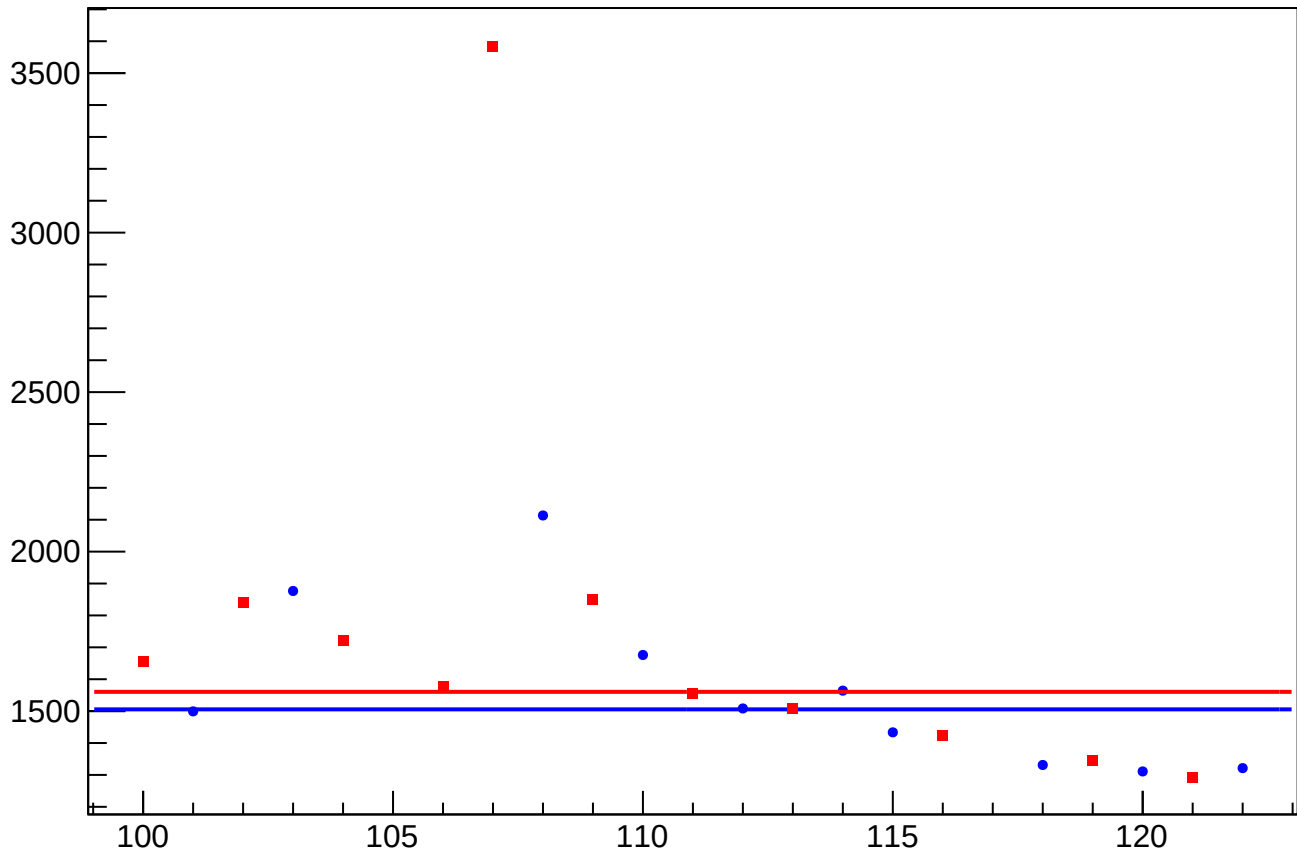
Right: 1994.136+/-528.604 χ^2/NDF : 14.5/20

In: 2491.711+/-752.092 χ^2/NDF : 3.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.136+/-528.604 χ^2/NDF : 14.5/20

asym_usl_rms vs Slug, Sign Corrected



Right In: 1505.519+/-0.532 χ^2/NDF : 171212.1/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

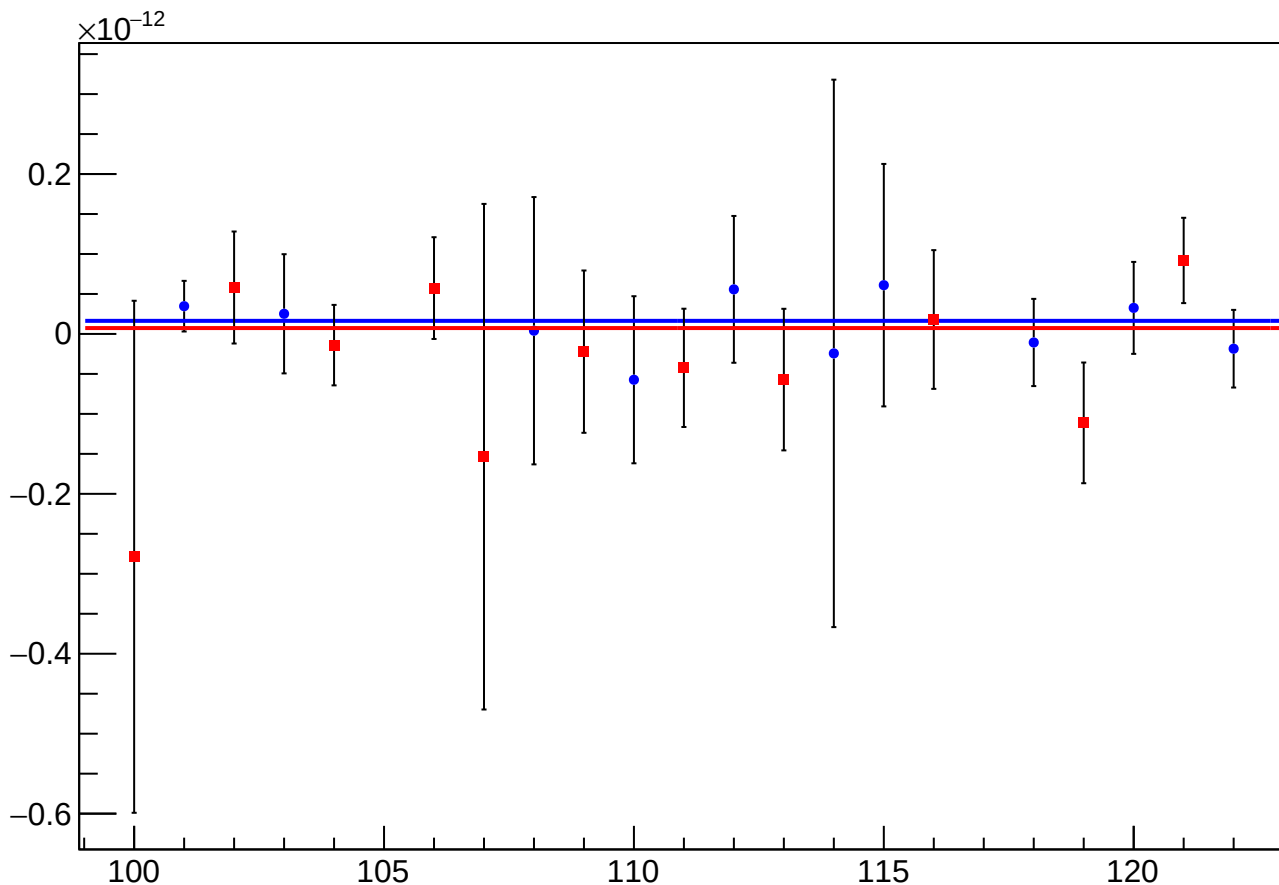
Right: 1533.320+/-0.374 χ^2/NDF : 470550.2/20

In: 1505.519+/-0.532 χ^2/NDF : 171212.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.320+/-0.374 χ^2/NDF : 470550.2/20

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 : 8.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

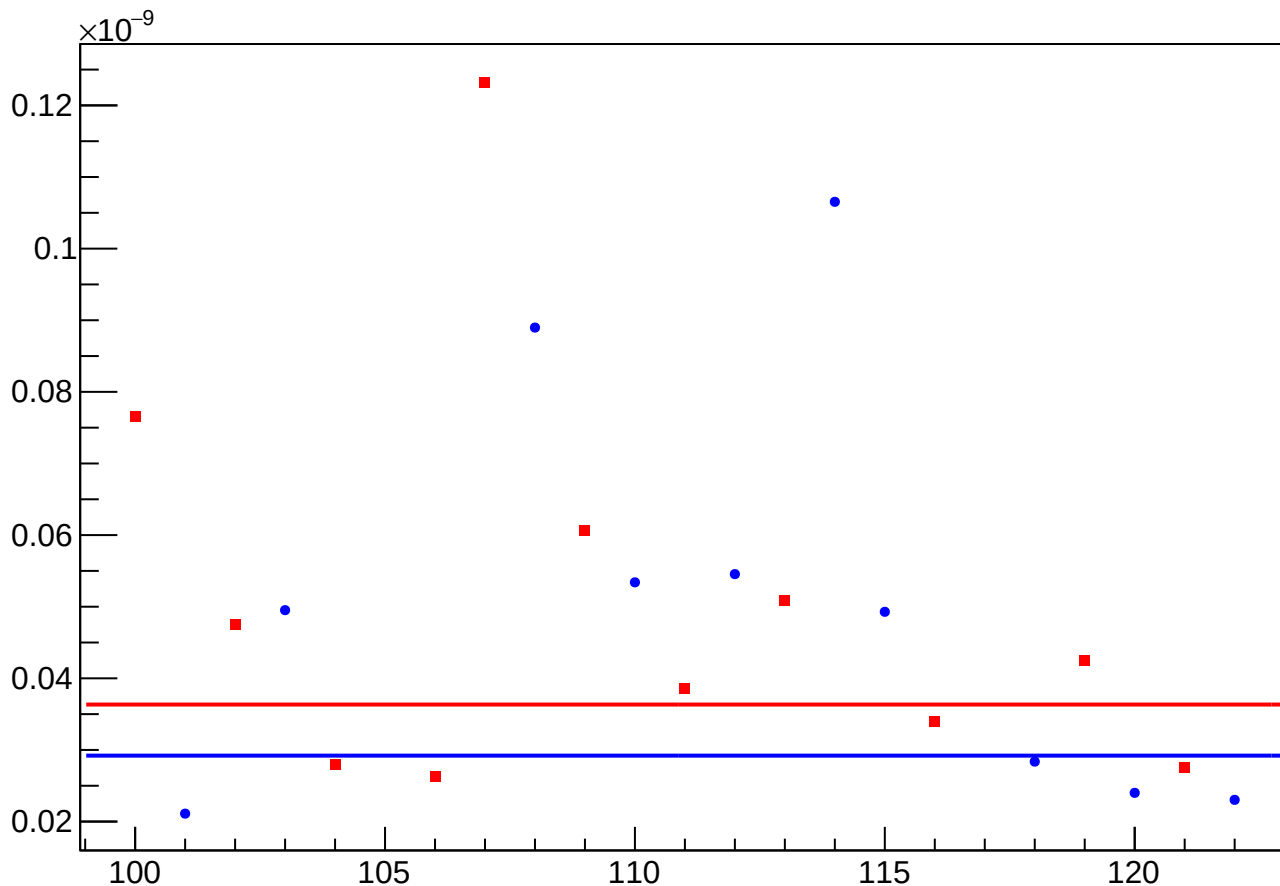
Right: 0.000+/-0.000 χ^2/NDF : 10.5/20

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 : 10.5/20

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 980904.2/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 579253.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

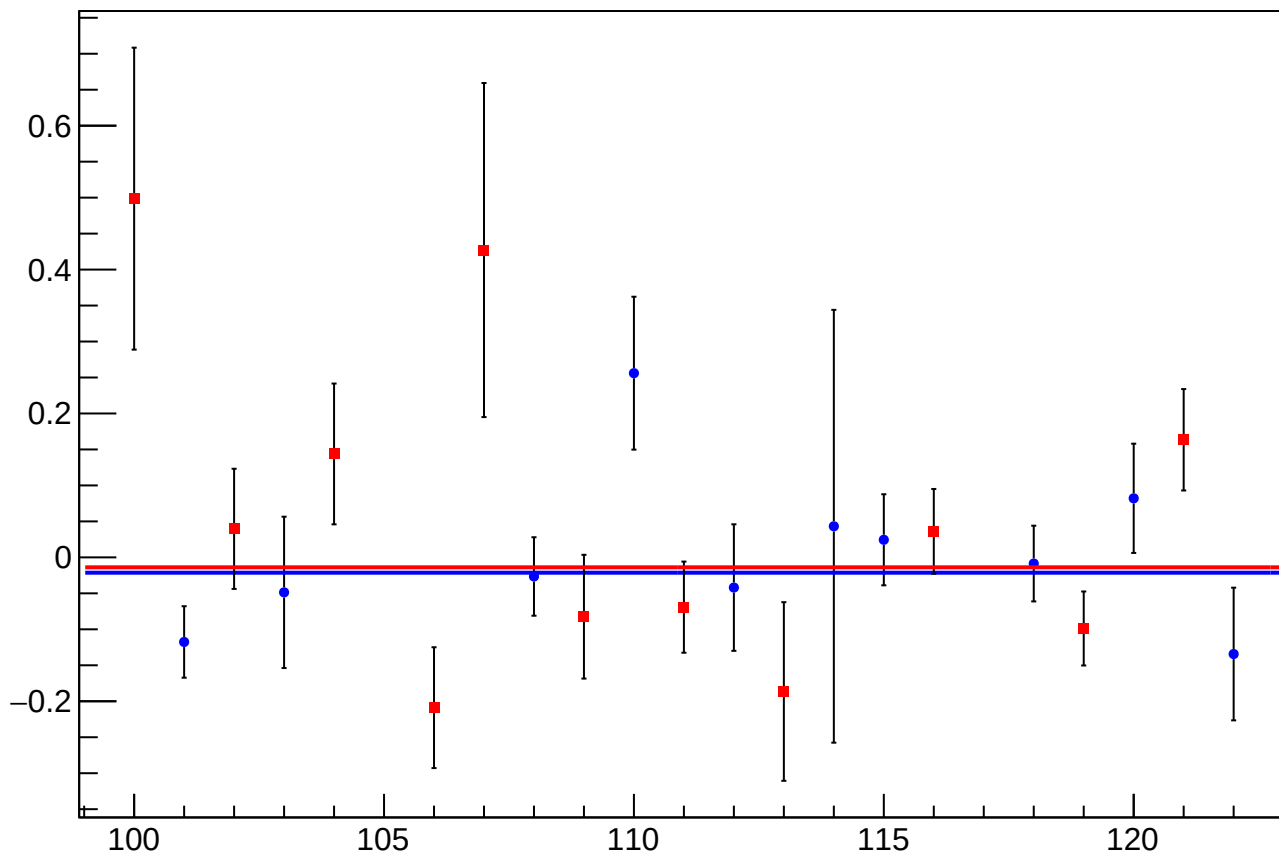
Right: 0.000+/-0.000 χ^2/NDF : 1671729.8/20

In: 0.000+/-0.000 χ^2/NDF : 980904.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1671729.8/20

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: -0.014+/-0.024 χ^2/NDF : 31.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

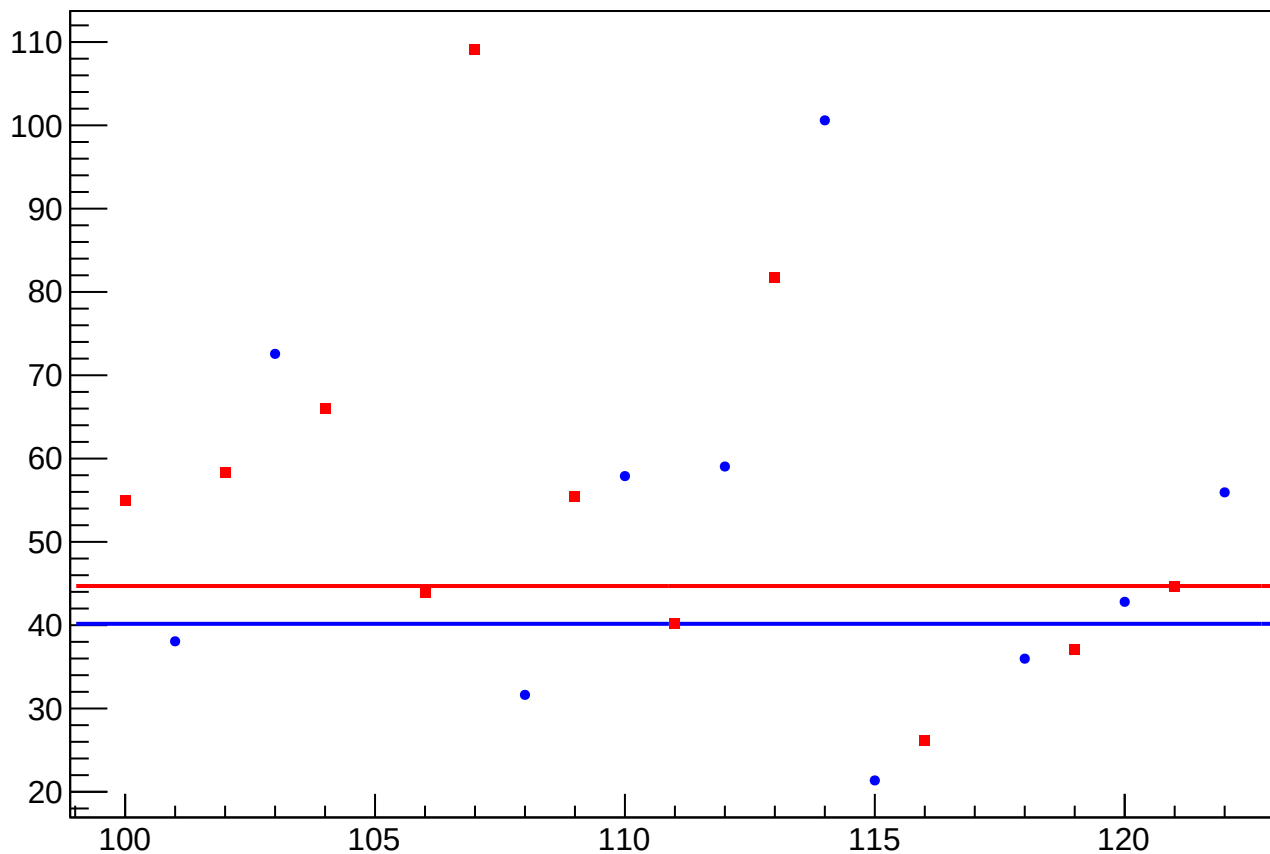
Right: -0.018+/-0.016 χ^2/NDF : 45.8/20

In: -0.021+/-0.023 χ^2/NDF :14.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.018+/-0.016 χ^2/NDF : 45.8/20

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.165+/-0.016 χ^2/NDF : 721071.0/9

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

Right Out: 44.702+/-0.017 χ^2/NDF : 766739.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

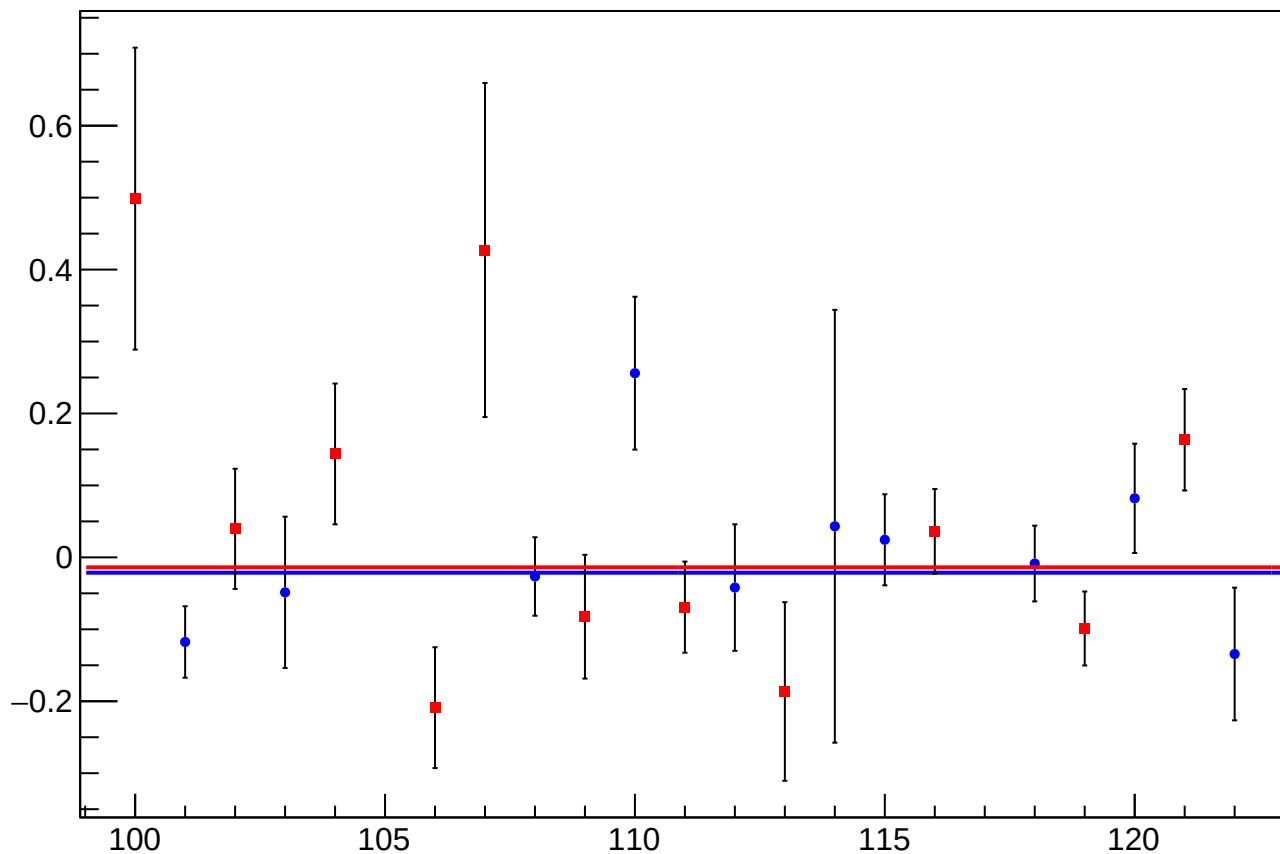
Right: 42.302+/-0.012 χ^2/NDF : 1525878.1/20

In: 40.165+/-0.016 χ^2/NDF : 721071.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.302+/-0.012 χ^2/NDF : 1525878.1/20

asym_usl_dit_vs_eigen_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: -0.014+/-0.024 χ^2/NDF : 31.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

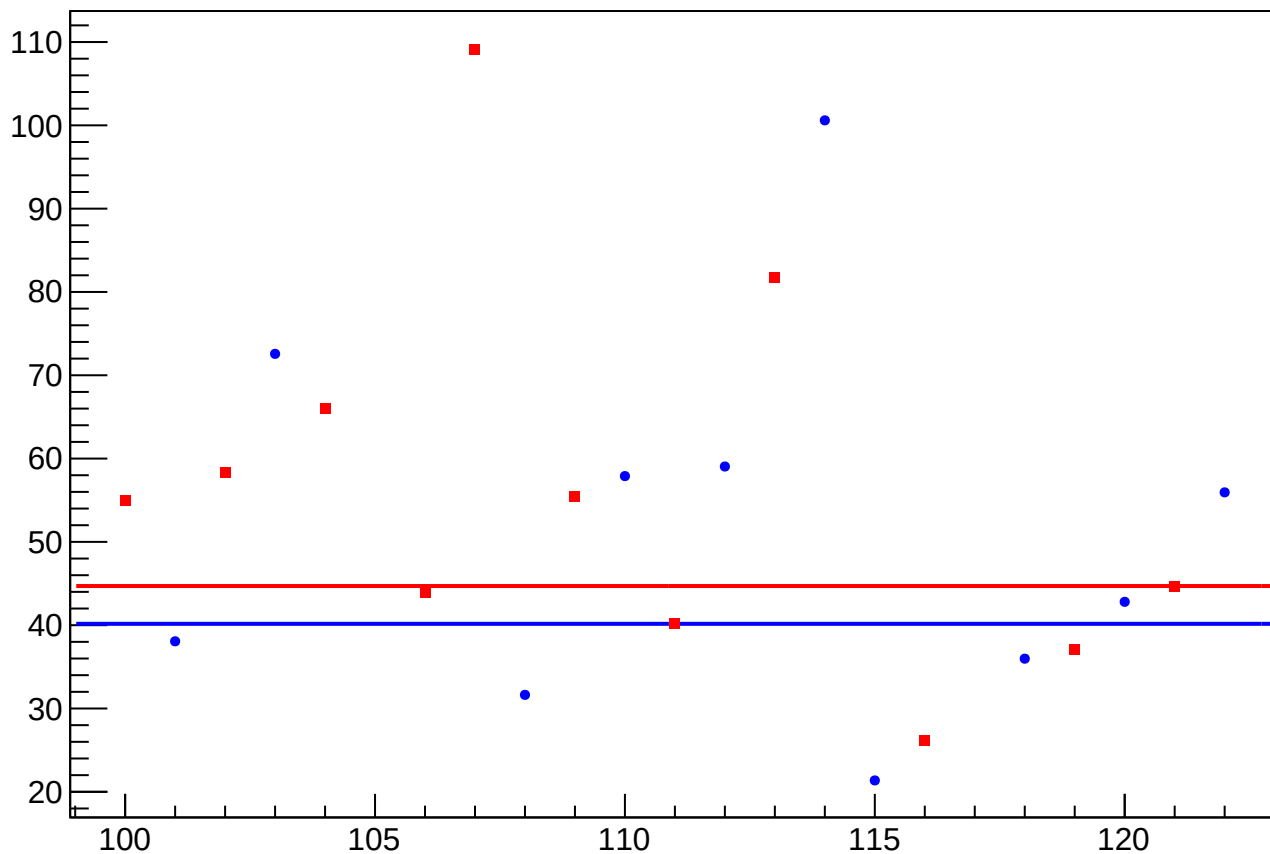
Right: -0.018+/-0.016 χ^2/NDF : 45.8/20

In: -0.021+/-0.023 χ^2/NDF : 14.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.016 χ^2/NDF : 45.8/20

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.165+/-0.016 χ^2/NDF : 721071.0/9

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

Right Out: 44.702+/-0.017 χ^2/NDF : 766739.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

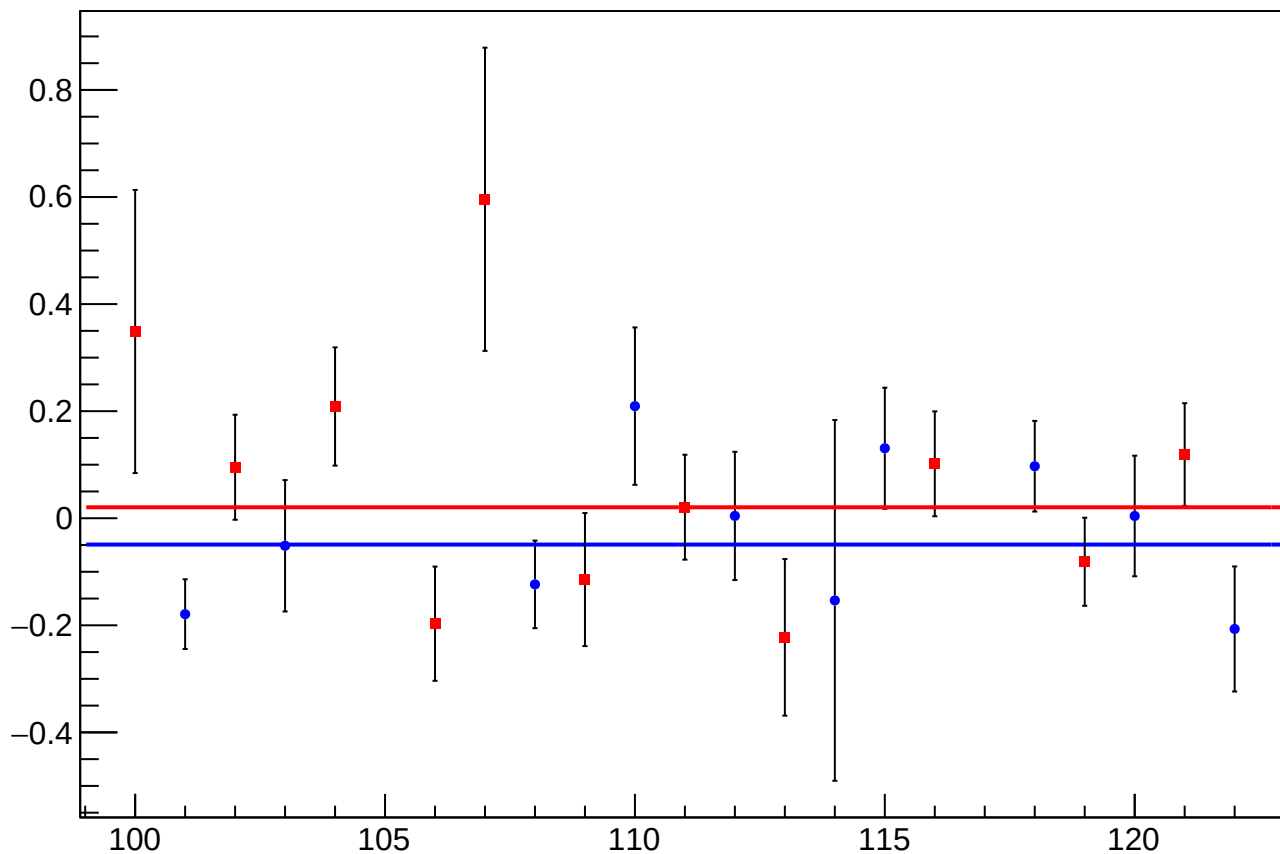
Right: 42.302+/-0.012 χ^2/NDF : 1525878.1/20

In: 40.165+/-0.016 χ^2/NDF : 721071.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.302+/-0.012 χ^2/NDF : 1525878.1/20

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049+/-0.033 χ^2/NDF : 15.8/9

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

Right Out: 0.020+/-0.034 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

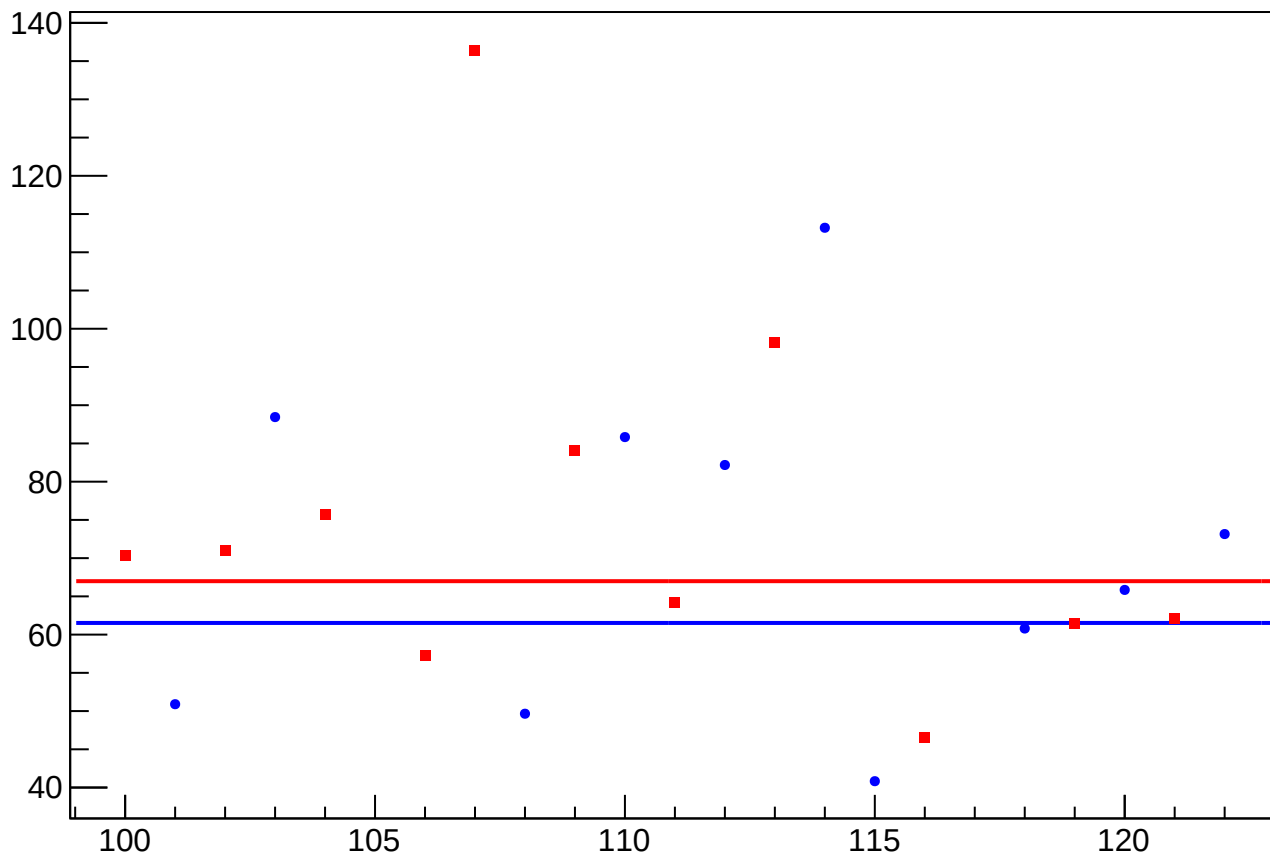
Right: -0.016+/-0.023 χ^2/NDF : 38.5/20

In: -0.049+/-0.033 χ^2/NDF : 15.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.023 χ^2/NDF : 38.5/20

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.526+/-0.023 χ^2/NDF : 442696.7/9

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

Right Out: 66.988+/-0.024 χ^2/NDF : 385055.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

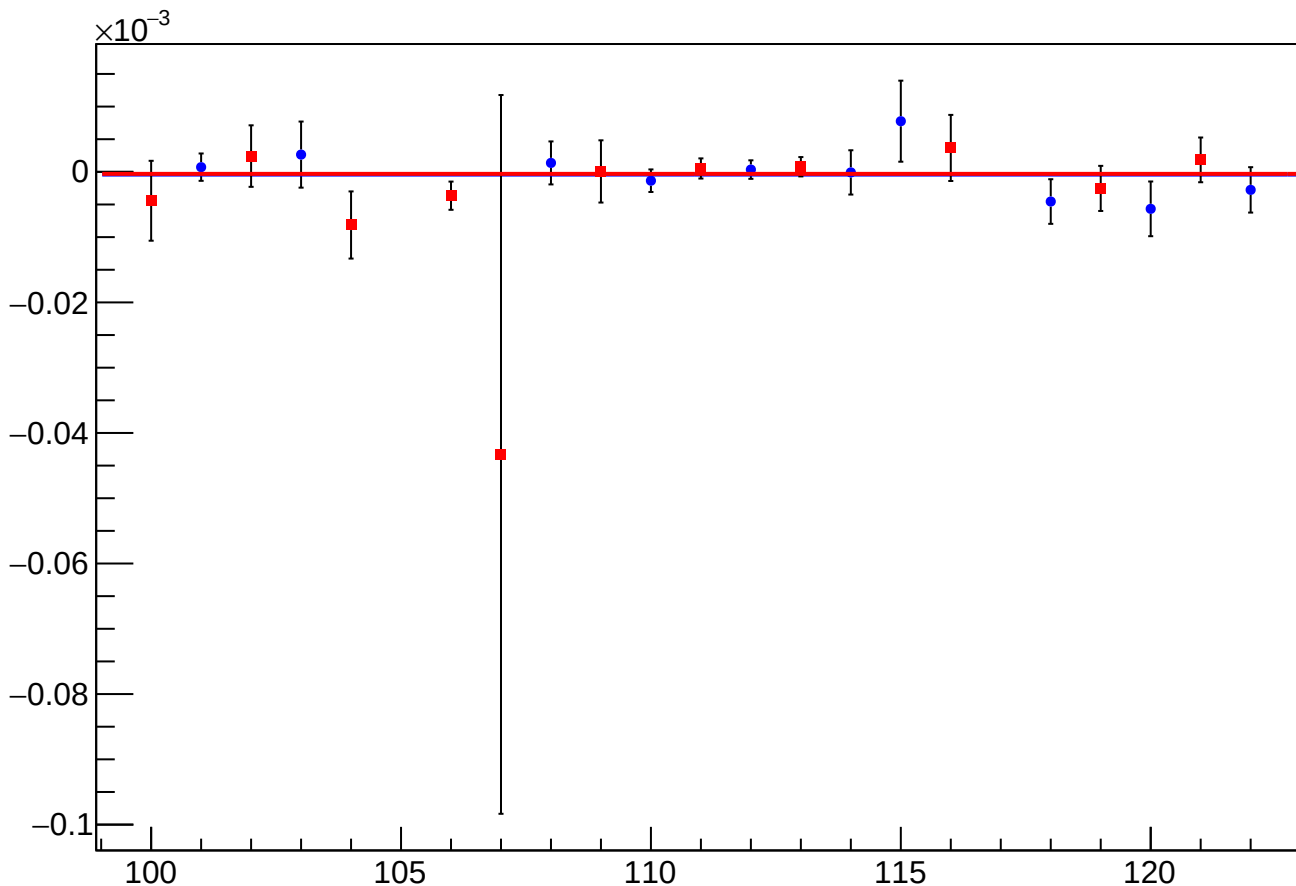
Right: 64.153+/-0.017 χ^2/NDF : 854914.8/20

In: 61.526+/-0.023 χ^2/NDF :442696.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 64.153+/-0.017 χ^2/NDF : 854914.8/20

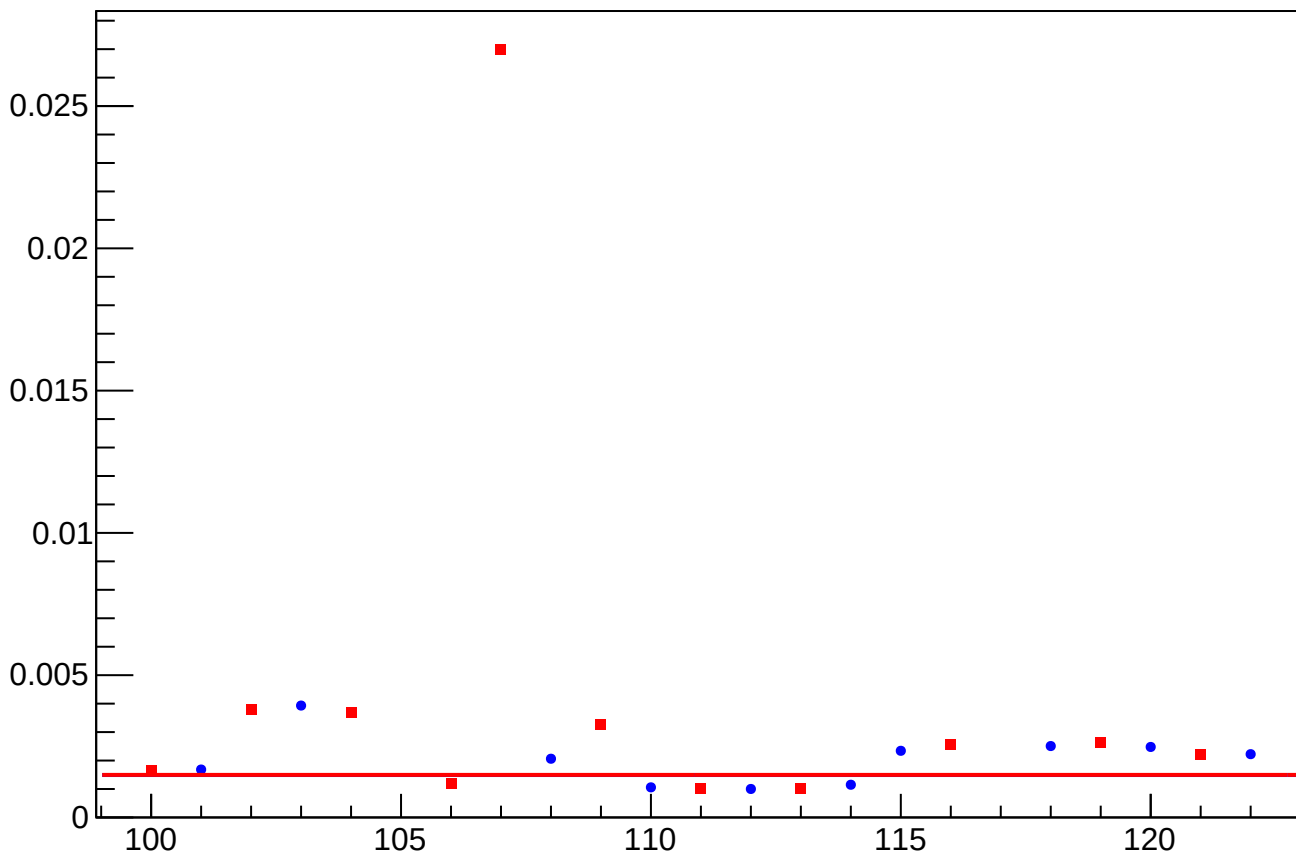
asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.8/9
 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: 15.1/20
 In: -0.000+/-0.000 χ^2 /NDF:6.8/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 15.1/20

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1341328.1/9

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2368668.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

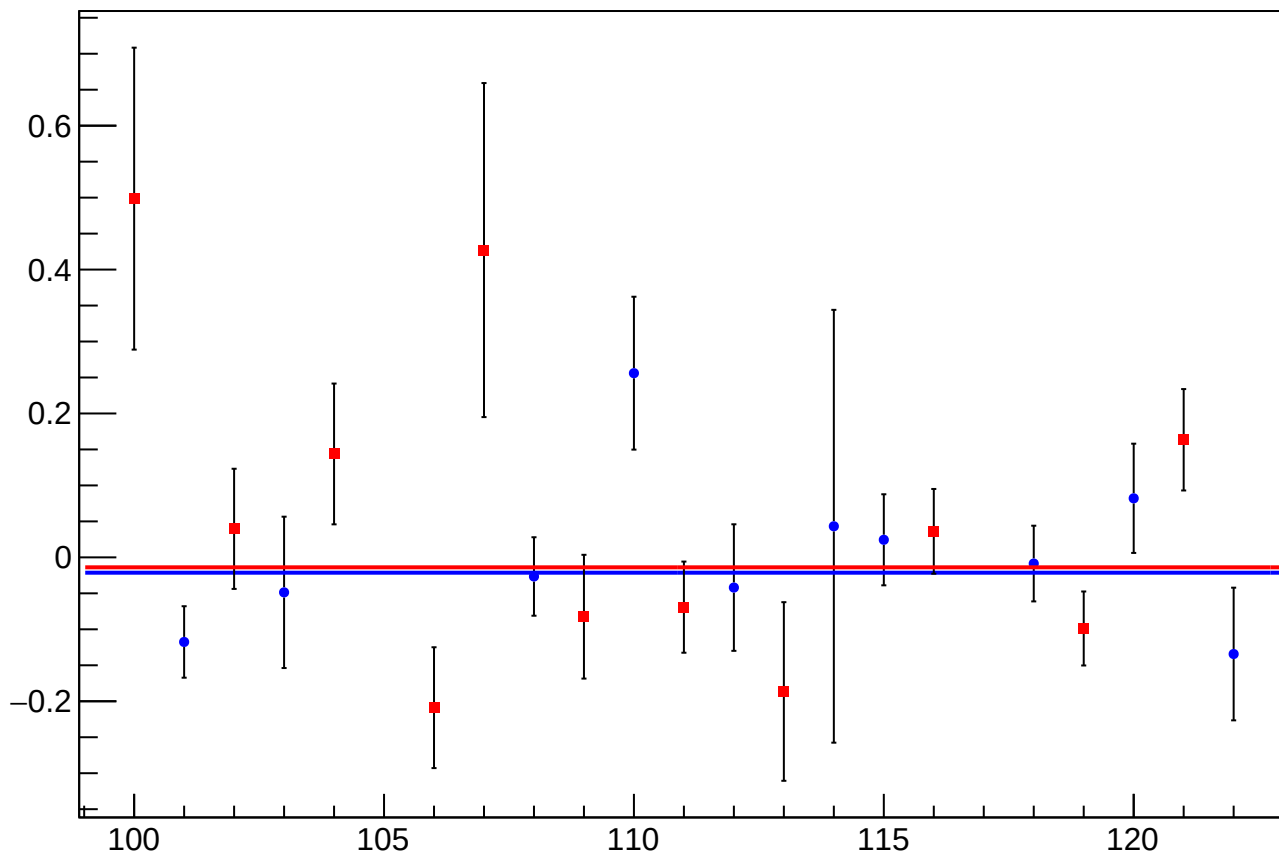
Right: 0.001+/-0.000 χ^2/NDF : 3710025.5/20

In: 0.001+/-0.000 χ^2/NDF : 1341328.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3710025.5/20

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: -0.014 ± 0.024 χ^2/NDF : 31.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

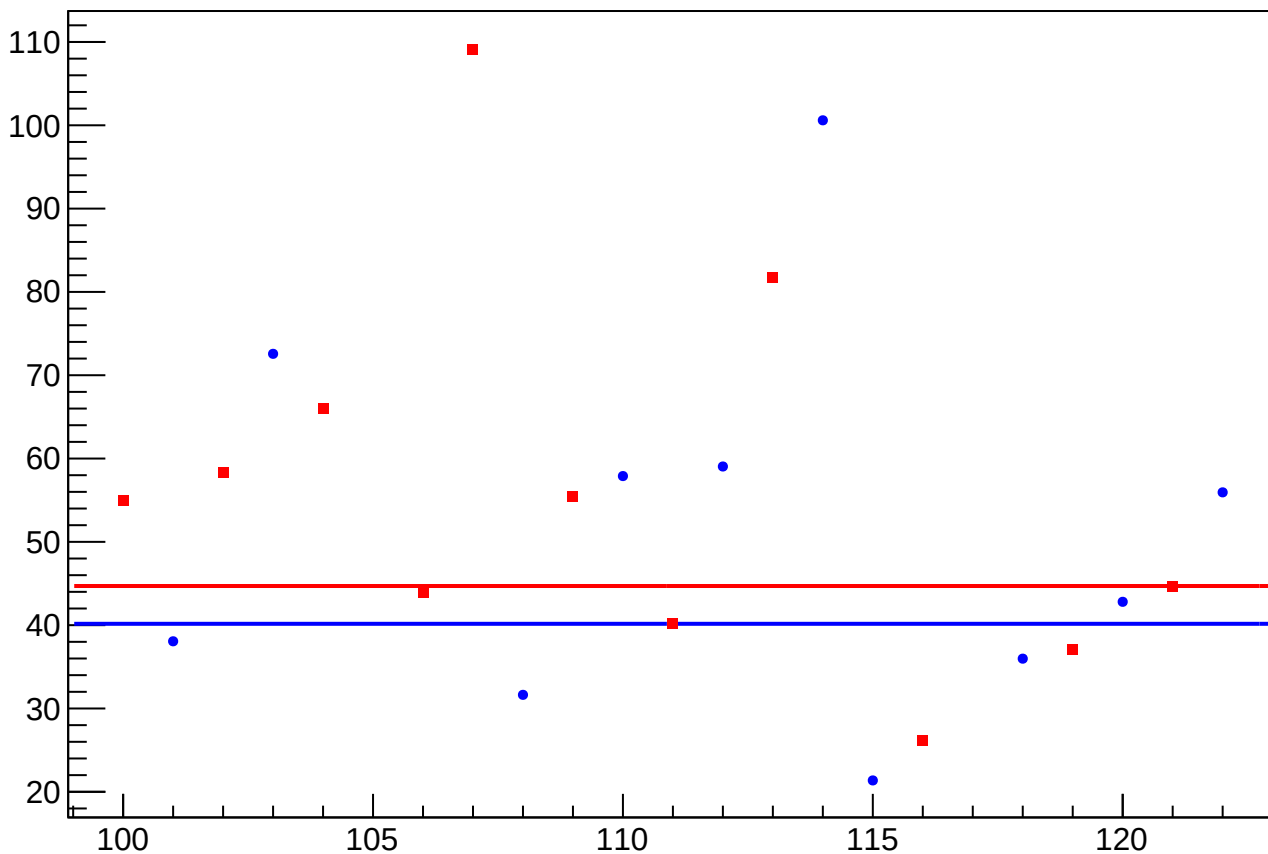
Right: -0.018 ± 0.016 χ^2/NDF : 45.8/20

In: -0.021 ± 0.023 χ^2/NDF : 14.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.016 χ^2/NDF : 45.8/20

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.164+/-0.016 χ^2/NDF : 721114.7/9

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

Right Out: 44.701+/-0.017 χ^2/NDF : 766782.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

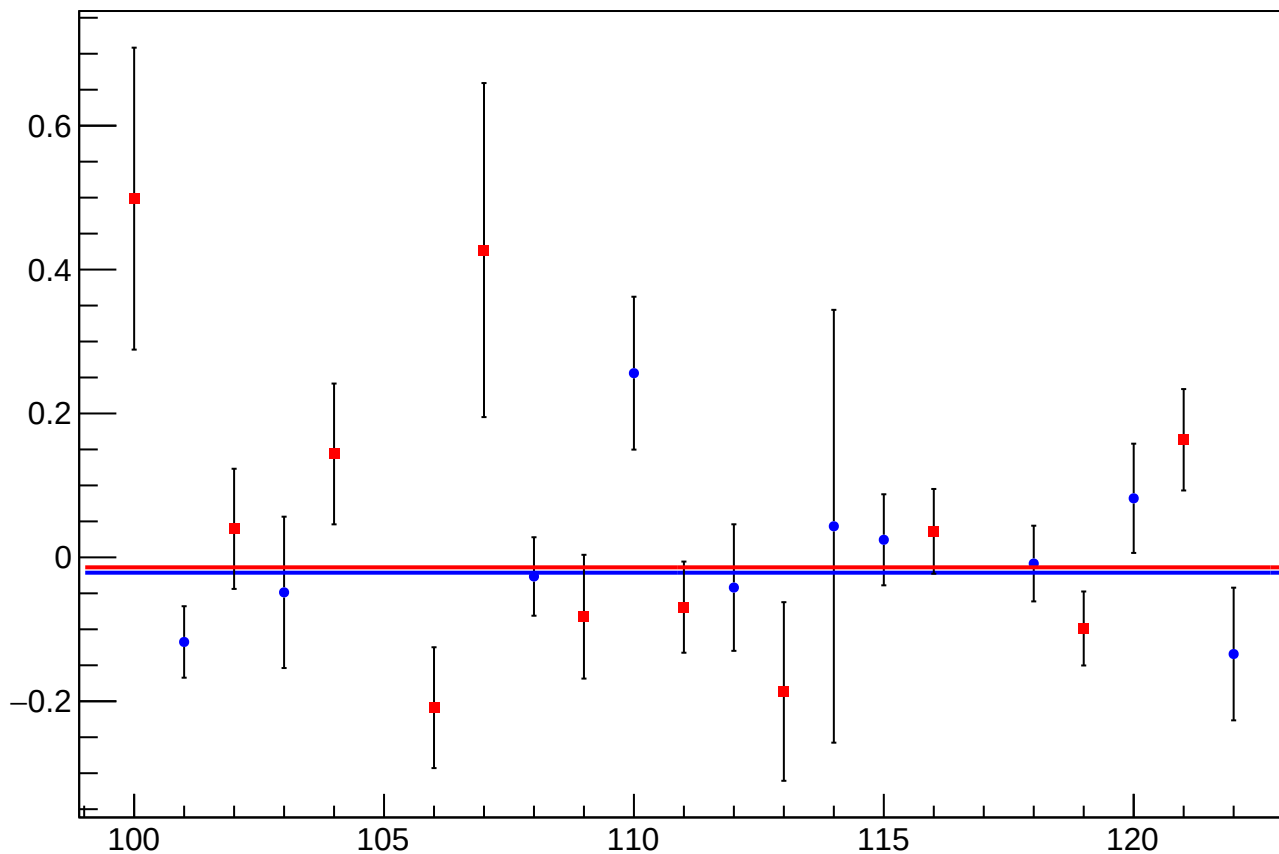
Right: 42.301+/-0.012 χ^2/NDF : 1525962.8/20

In: 40.164+/-0.016 χ^2/NDF : 721114.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.301+/-0.012 χ^2/NDF : 1525962.8/20

asym_usl_eigen_dit_vs_eigen_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: -0.014 ± 0.024 χ^2/NDF : 31.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

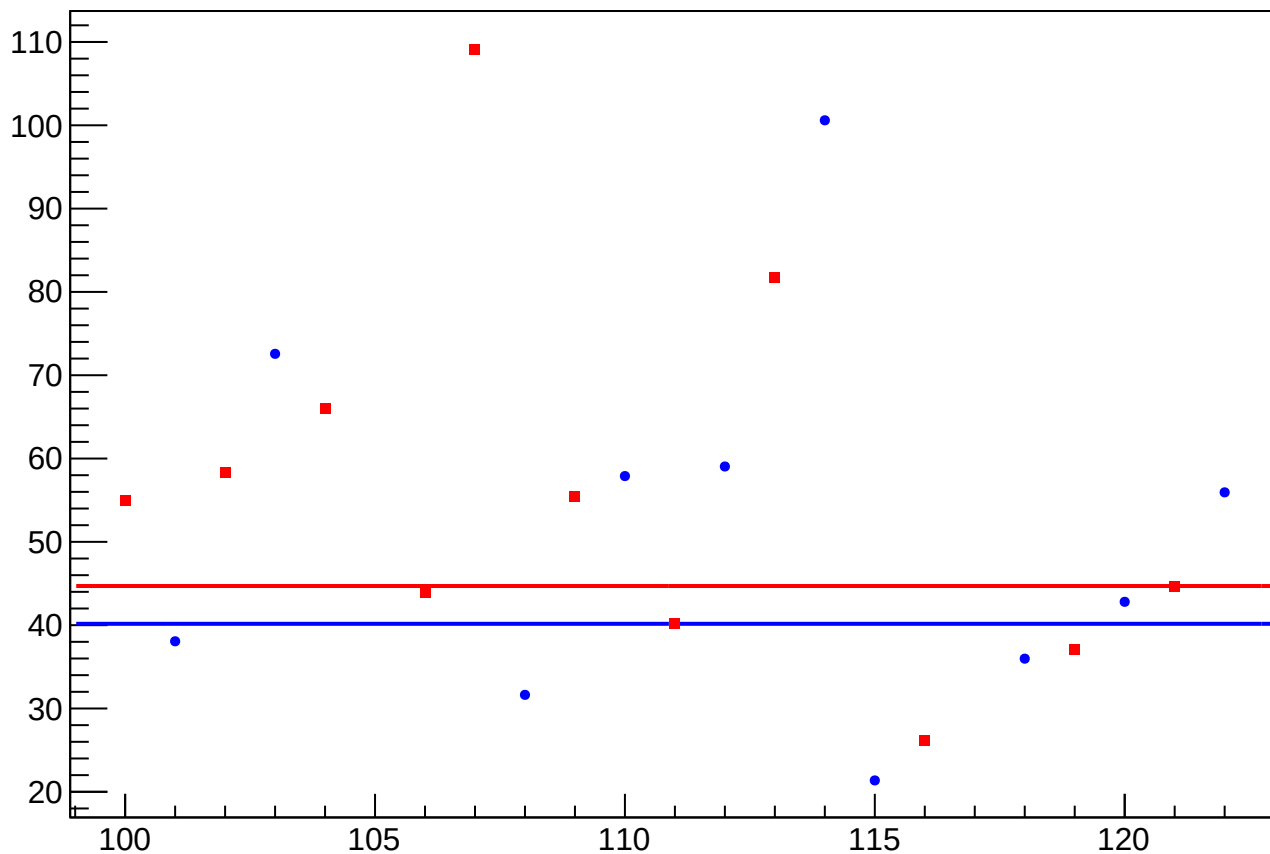
Right: -0.018 ± 0.016 χ^2/NDF : 45.8/20

In: -0.021 ± 0.023 χ^2/NDF : 14.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.016 χ^2/NDF : 45.8/20

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.164+/-0.016 χ^2/NDF : 721114.7/9

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

Right Out: 44.701+/-0.017 χ^2/NDF : 766782.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

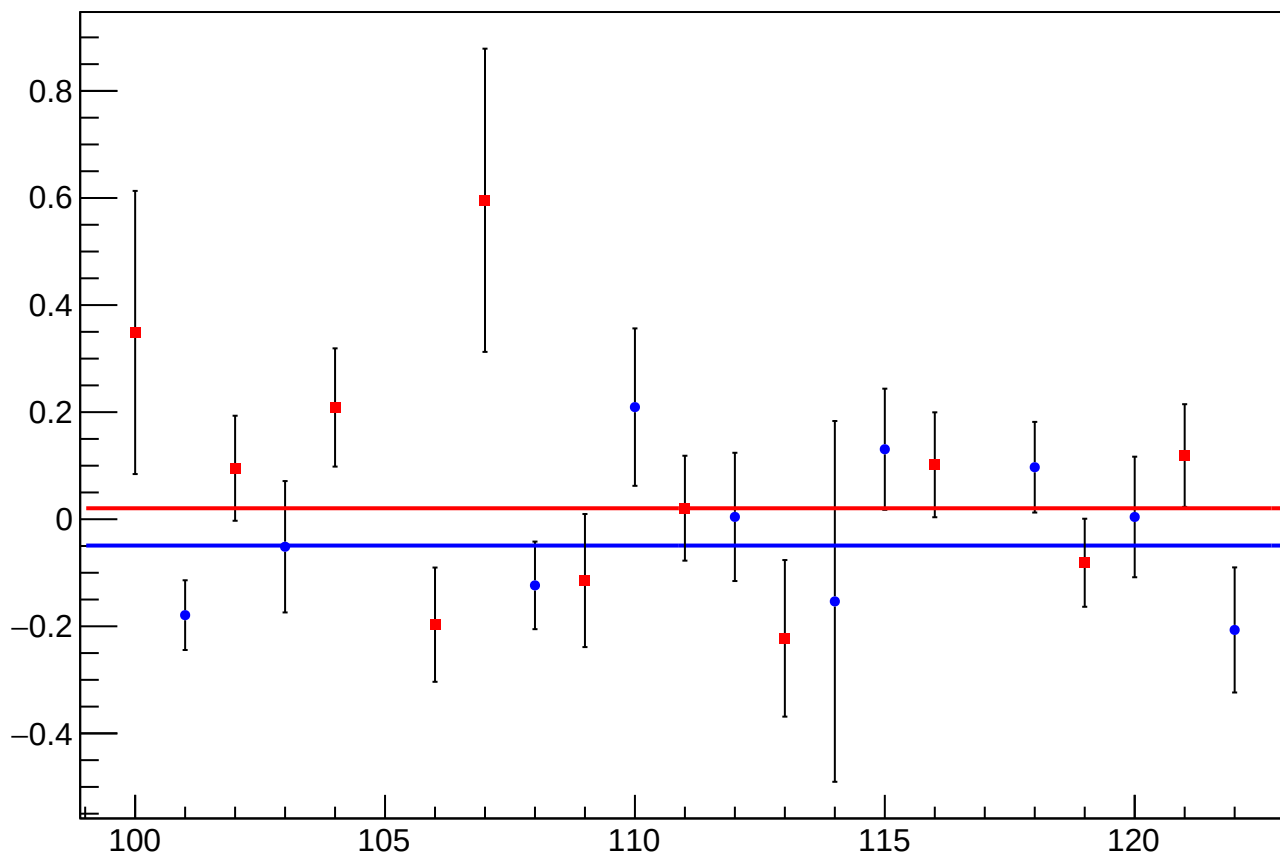
Right: 42.301+/-0.012 χ^2/NDF : 1525962.8/20

In: 40.164+/-0.016 χ^2/NDF : 721114.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.301+/-0.012 χ^2/NDF : 1525962.8/20

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049+/-0.033 χ^2/NDF : 15.8/9

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

Right Out: 0.020+/-0.034 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

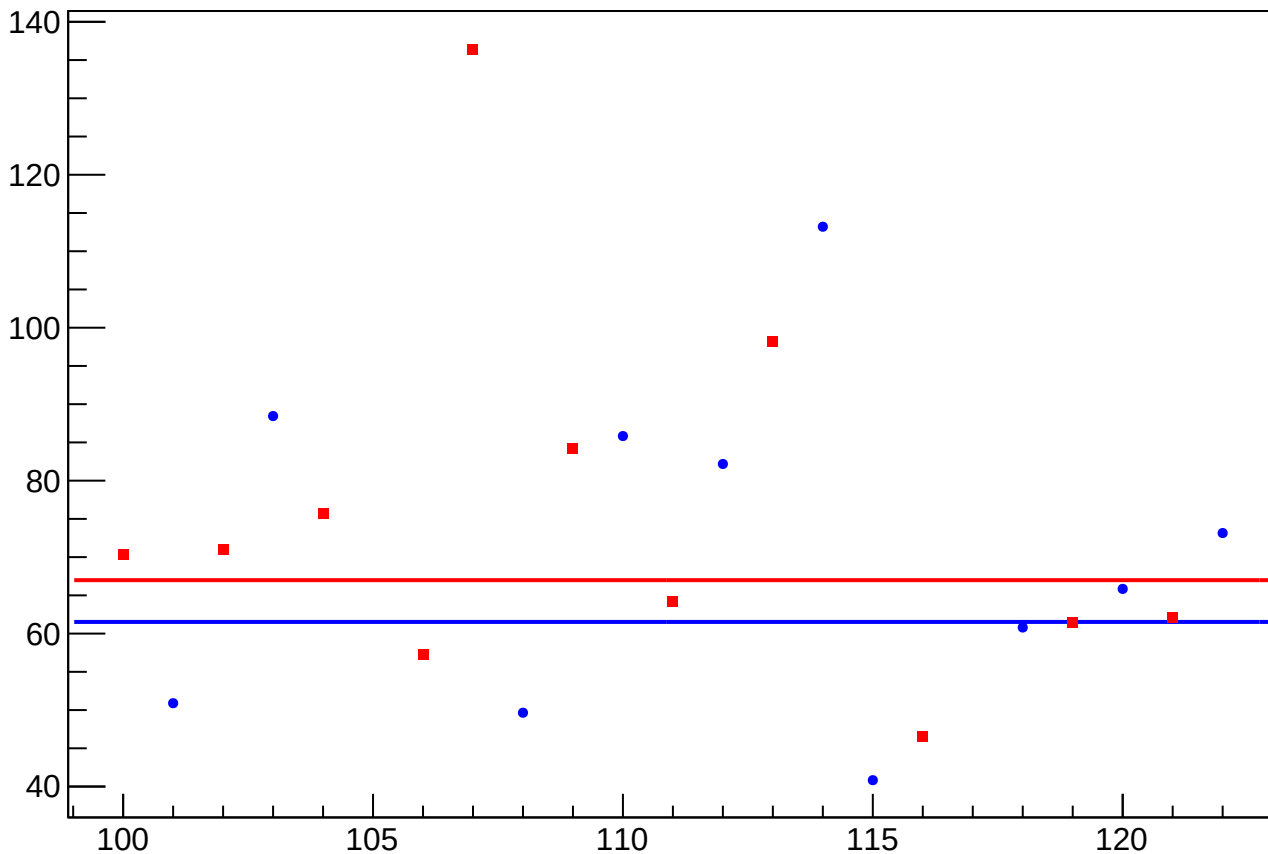
Right: -0.016+/-0.023 χ^2/NDF : 38.5/20

In: -0.049+/-0.033 χ^2/NDF : 15.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.023 χ^2/NDF : 38.5/20

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.525+/-0.023 χ^2/NDF : 442699.9/9

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

Right Out: 66.988+/-0.024 χ^2/NDF : 385048.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

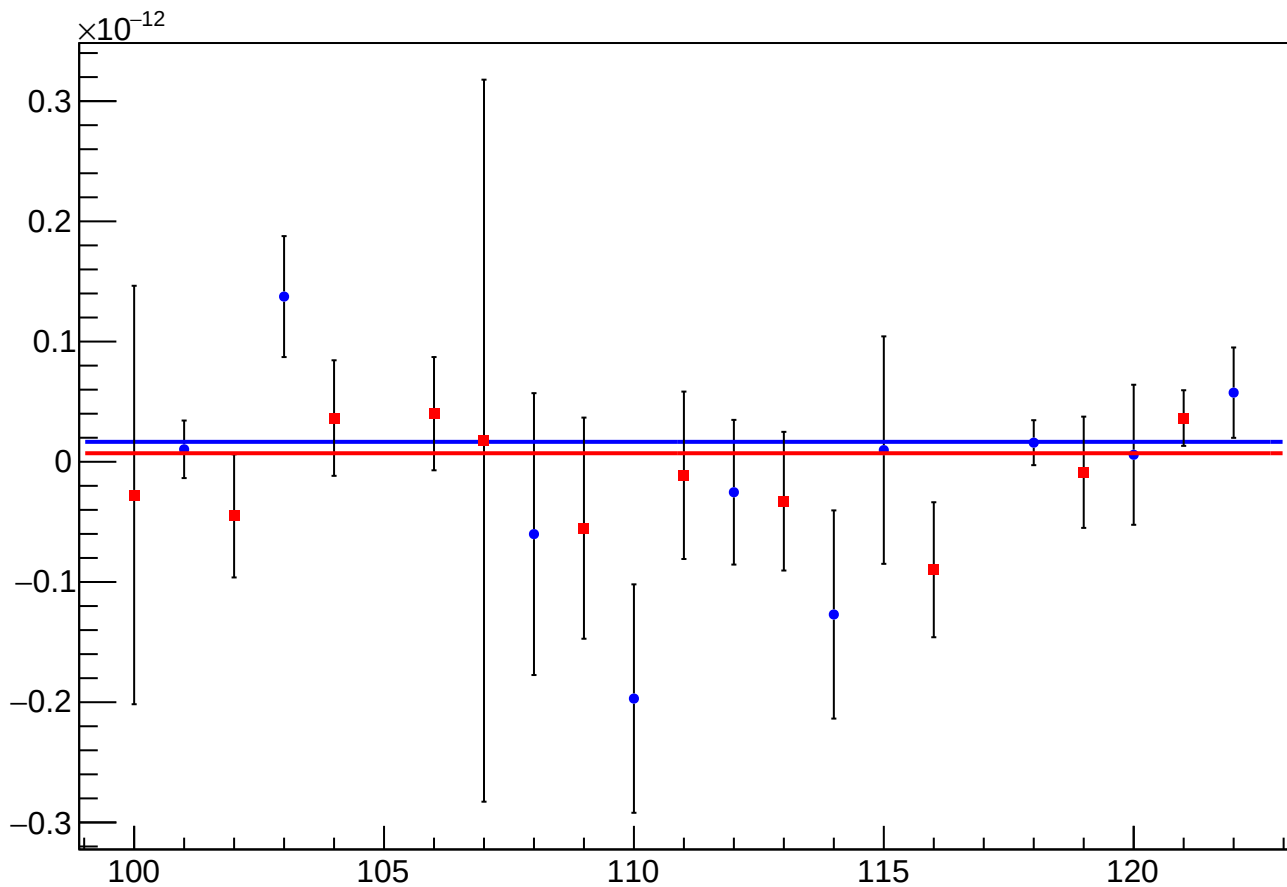
Right: 64.153+/-0.017 χ^2/NDF : 854909.4/20

In: 61.525+/-0.023 χ^2/NDF :442699.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 64.153+/-0.017 χ^2/NDF : 854909.4/20

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.8/9

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

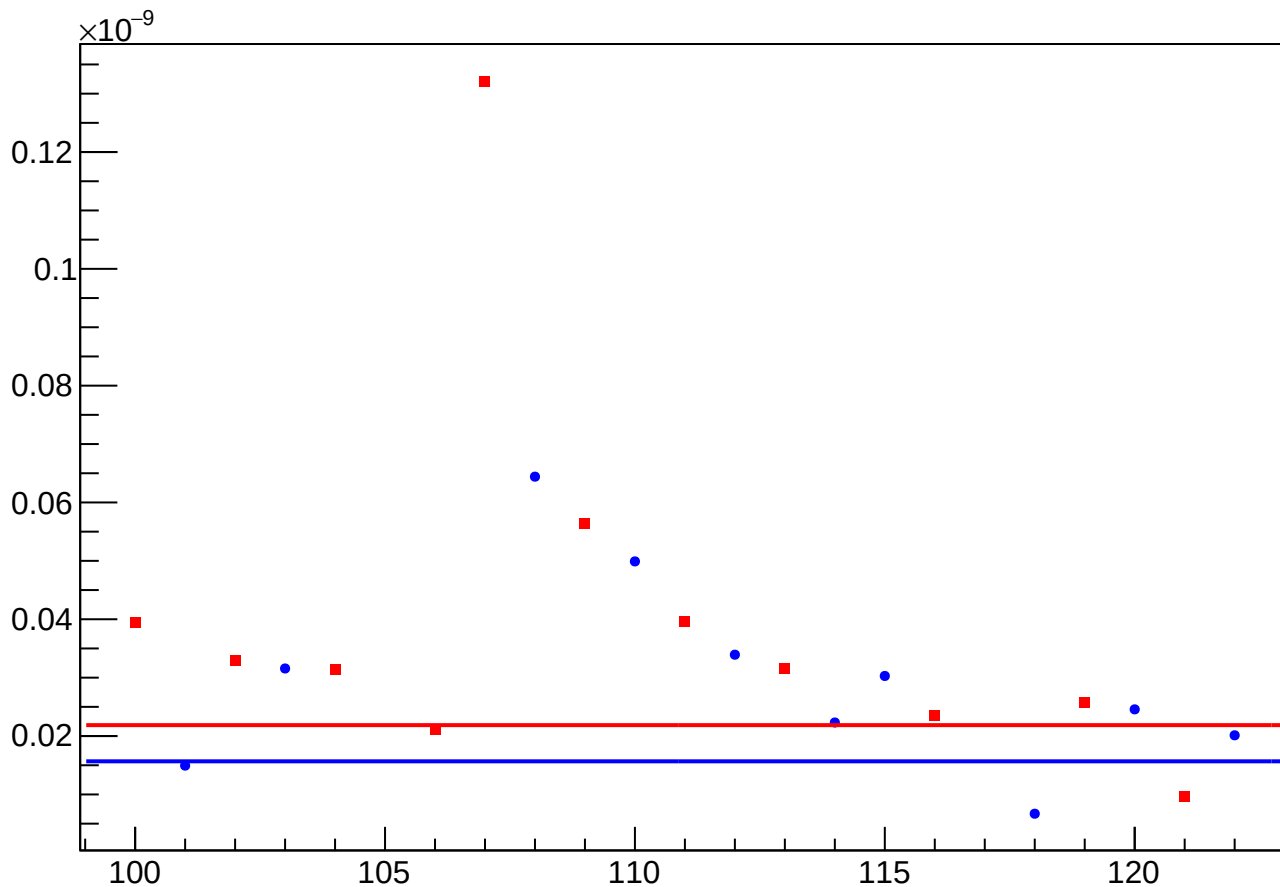
Right: 0.000+/-0.000 χ^2/NDF : 23.7/20

In: 0.000+/-0.000 χ^2/NDF : 15.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.7/20

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1585881.8/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1497849.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

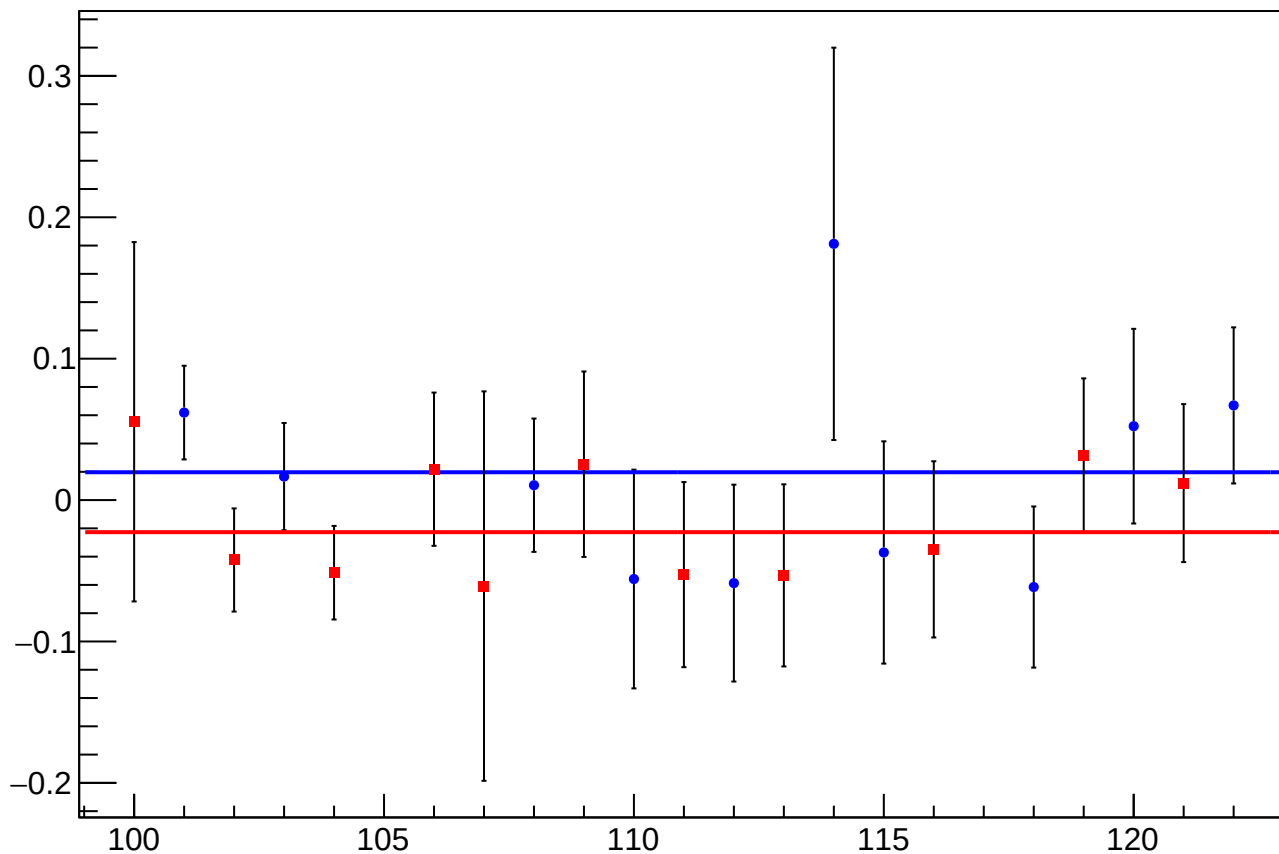
Right: 0.000+/-0.000 χ^2/NDF : 3292820.5/20

In: 0.000+/-0.000 χ^2/NDF : 1585881.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3292820.5/20

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.017 χ^2 /NDF: 8.8/9

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

Right Out: -0.023 $\pm$ 0.016 χ^2 /NDF: 4.6/10

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

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

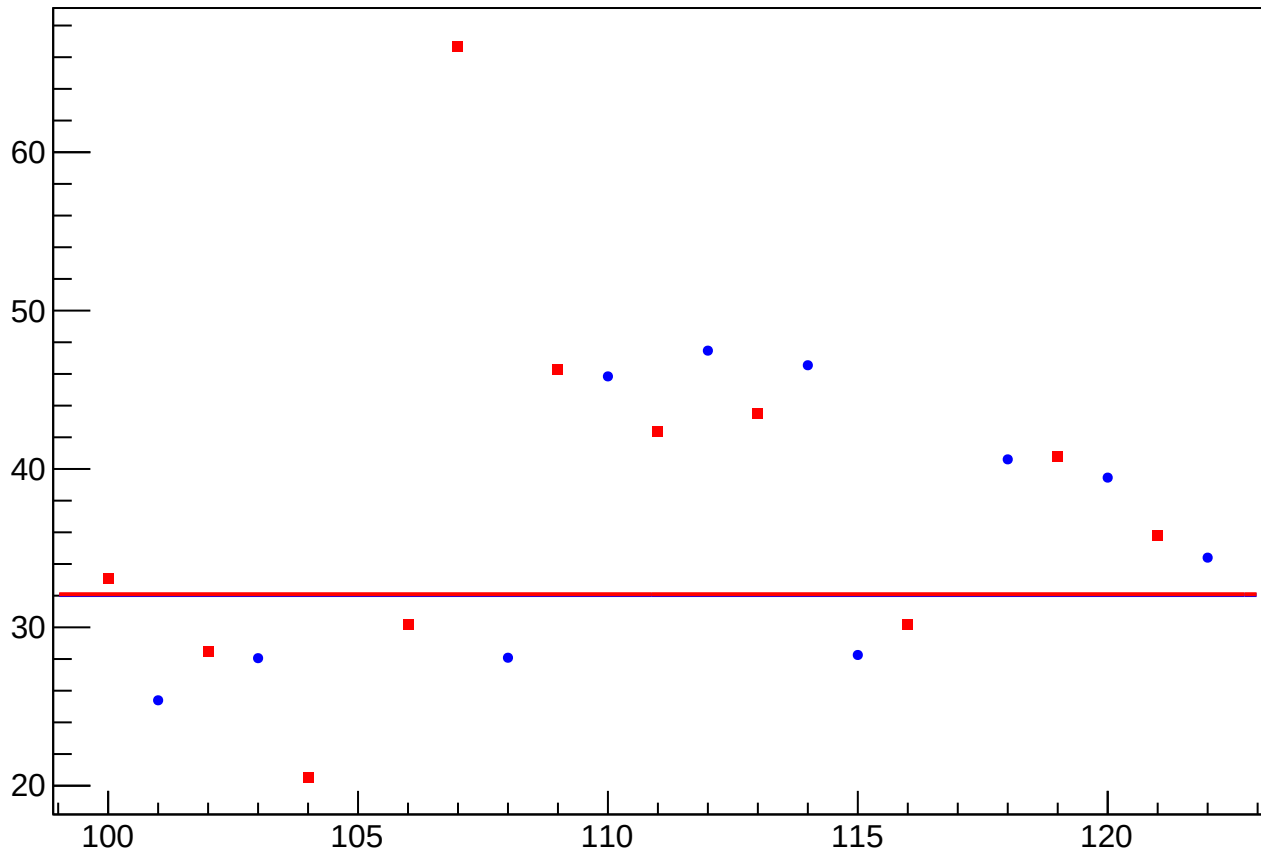
Right: -0.002 $\pm$ 0.012 χ^2 /NDF: 16.5/20

In: 0.020 $\pm$ 0.017 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.012 χ^2 /NDF: 16.5/20

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.040+/-0.012 χ^2/NDF : 377230.7/9

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

Right Out: 32.091+/-0.012 χ^2/NDF : 660667.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

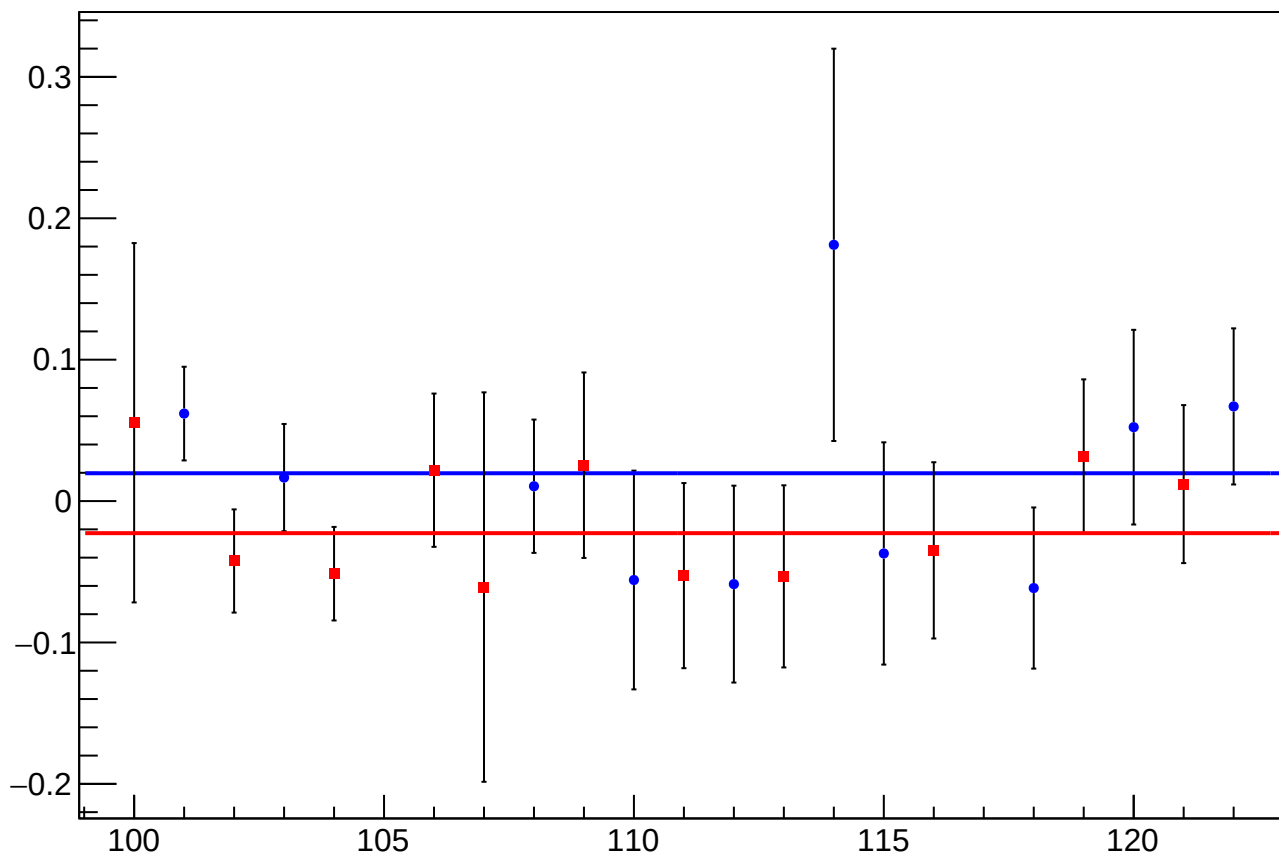
Right: 32.067+/-0.008 χ^2/NDF : 1037907.1/20

In: 32.040+/-0.012 χ^2/NDF : 377230.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.067+/-0.008 χ^2/NDF : 1037907.1/20

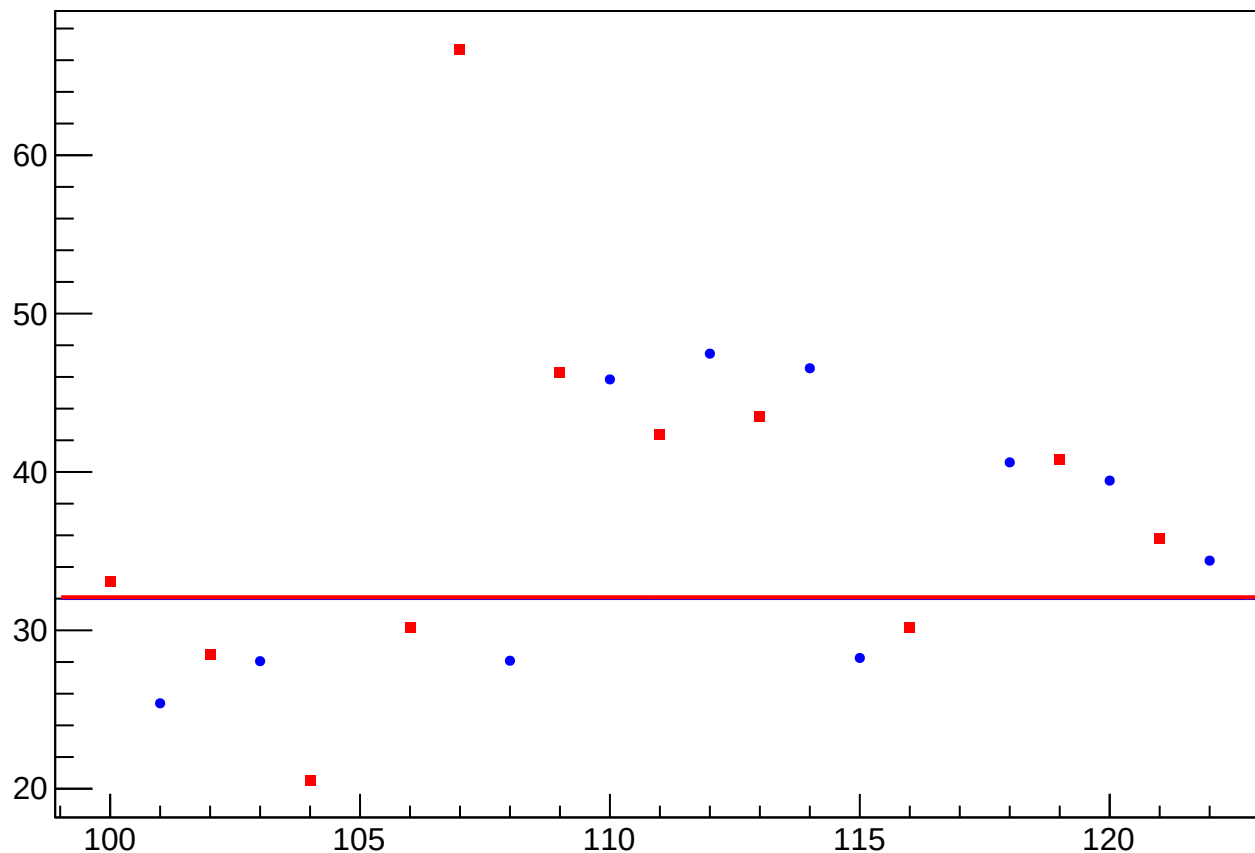
asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.017 χ^2 /NDF: 8.8/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.023 $\pm$ 0.016 χ^2 /NDF: 4.6/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.002 $\pm$ 0.012 χ^2 /NDF: 16.5/20
 In: 0.020 $\pm$ 0.017 χ^2 /NDF:8.8/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.002 $\pm$ 0.012 χ^2 /NDF: 16.5/20

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.040+/-0.012 χ^2/NDF : 377230.7/9

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

Right Out: 32.091+/-0.012 χ^2/NDF : 660667.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

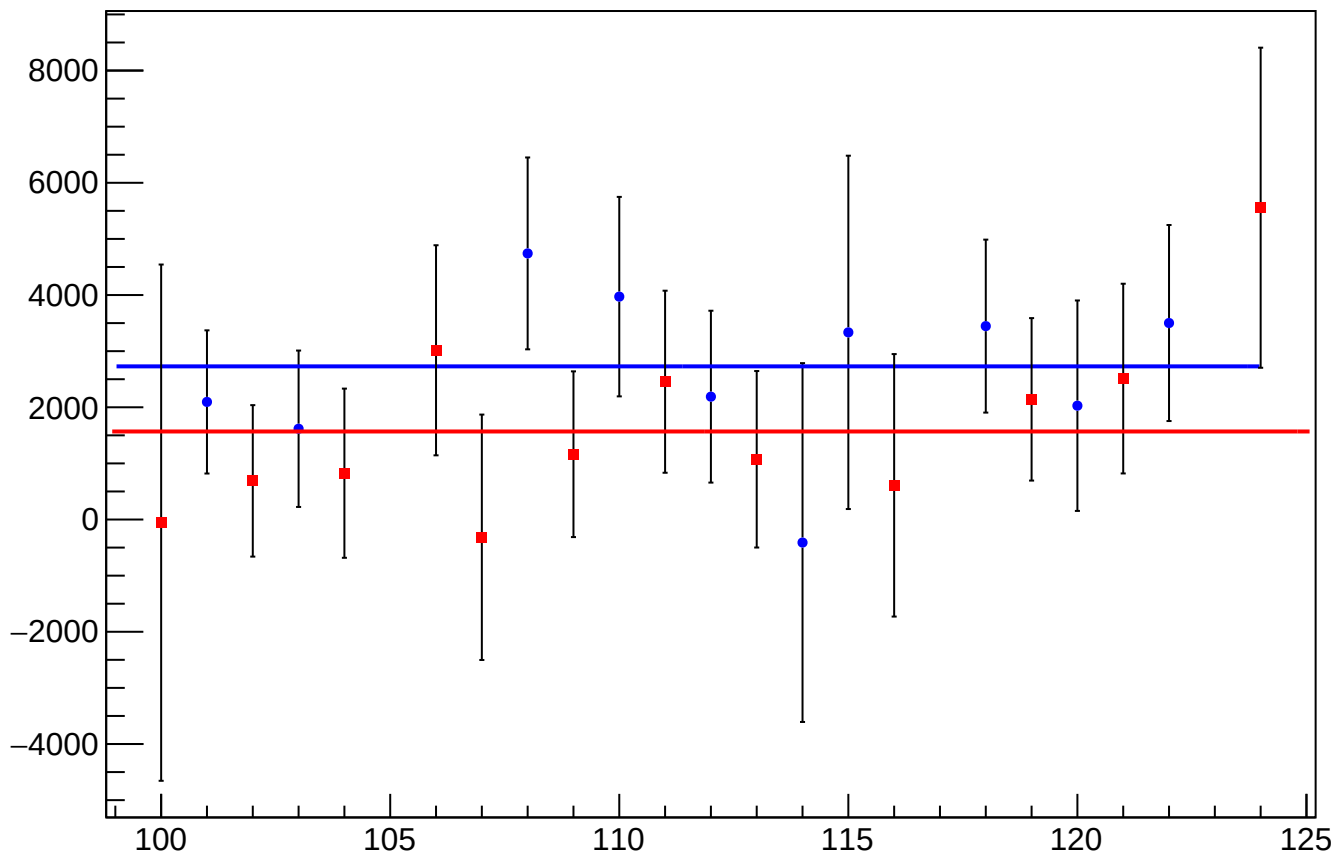
Right: 32.067+/-0.008 χ^2/NDF : 1037907.1/20

In: 32.040+/-0.012 χ^2/NDF : 377230.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.067+/-0.008 χ^2/NDF : 1037907.1/20

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2729.035+/-538.597 χ^2/NDF : 4.4/9

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

Right Out: 1568.846+/-505.877 χ^2/NDF : 5.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

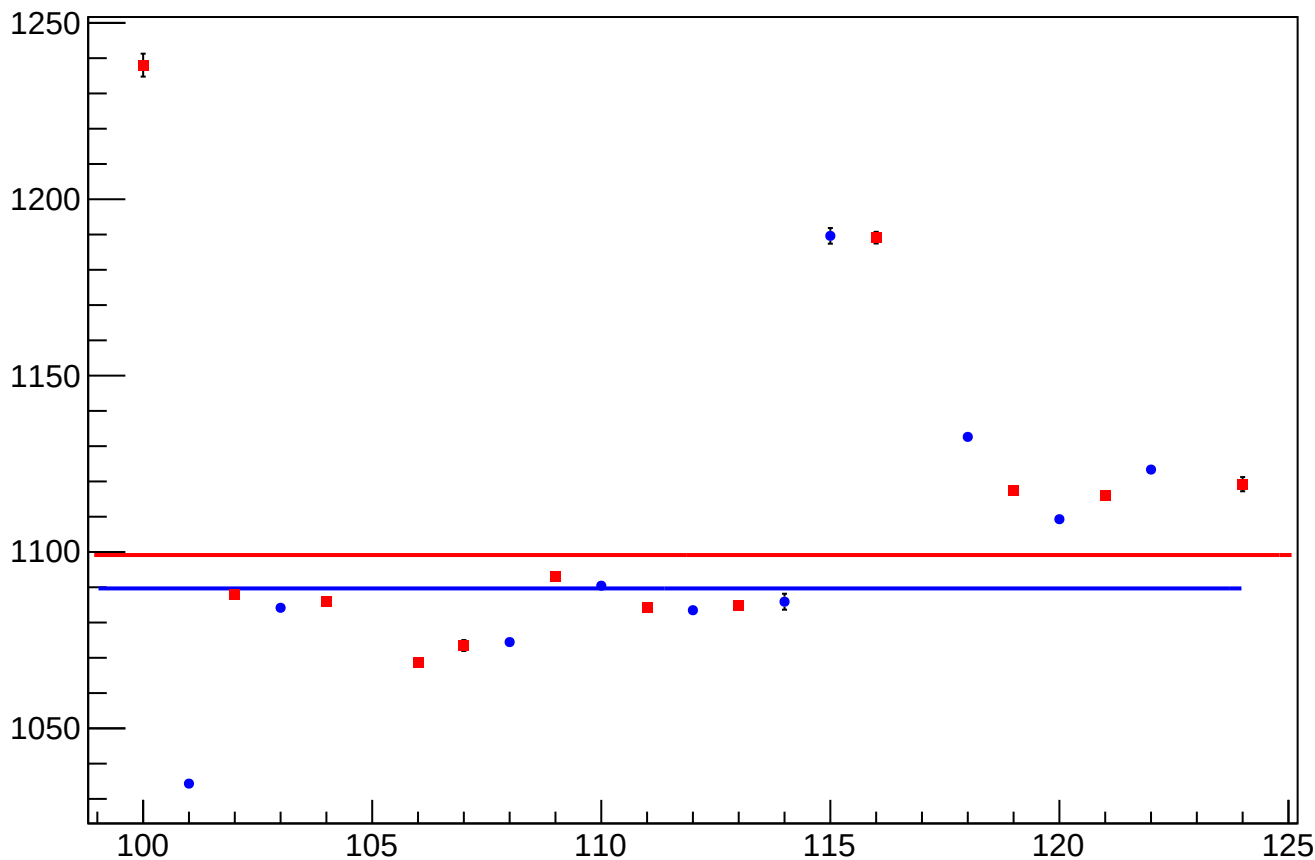
Right: 2112.632+/-368.734 χ^2/NDF : 12.1/21

In: 2729.035+/-538.597 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.632+/-368.734 χ^2/NDF : 12.1/21

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1089.671+/-0.381 χ^2/NDF : 8524.1/9

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

Right Out: 1099.138+/-0.358 χ^2/NDF : 6865.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

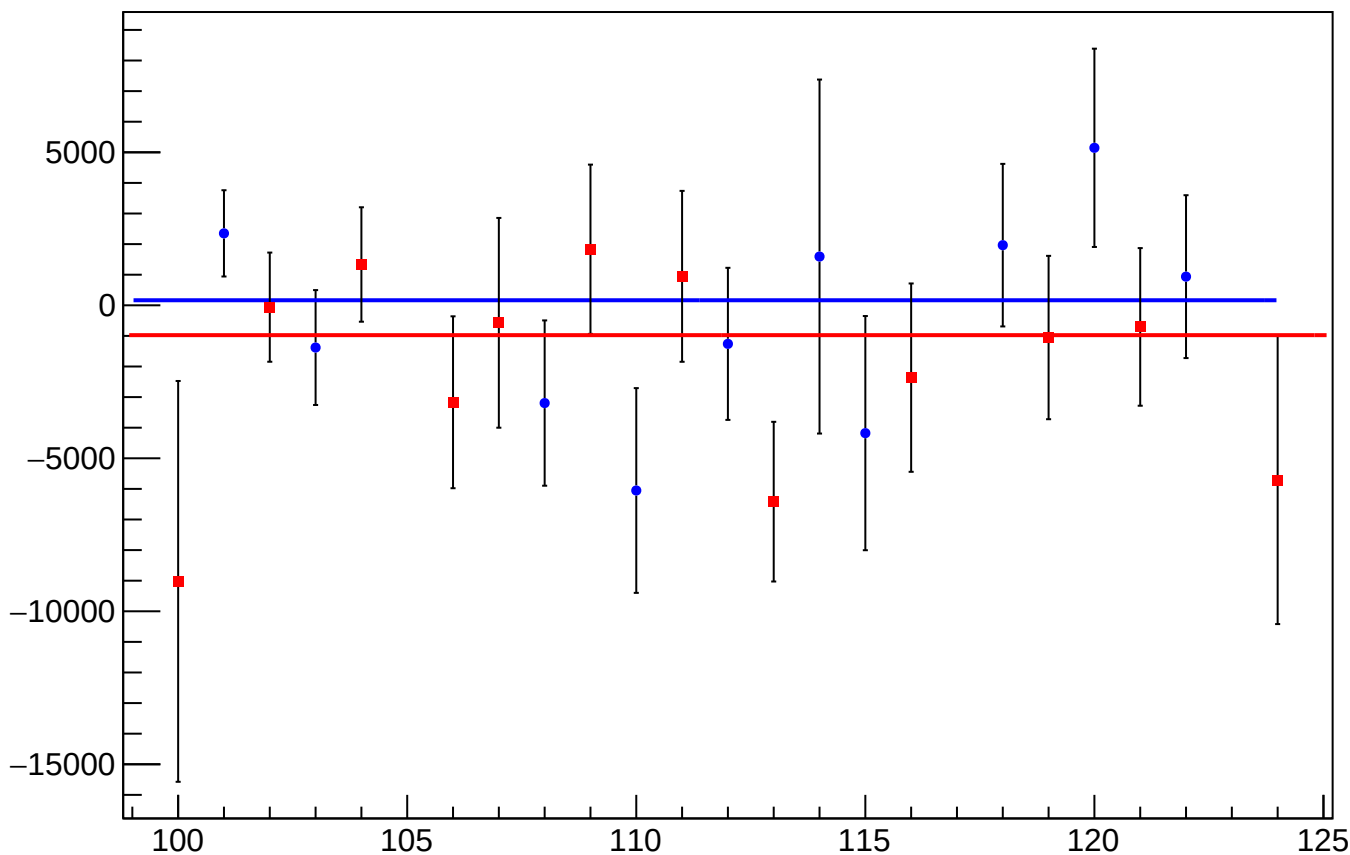
Right: 1094.701+/-0.261 χ^2/NDF : 15717.7/21

In: 1089.671+/-0.381 χ^2/NDF :8524.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1094.701+/-0.261 χ^2/NDF : 15717.7/21

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 165.034 $\pm$ 778.122 χ^2 /NDF: 12.7/9

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

Right Out: -975.423 $\pm$ 770.864 χ^2 /NDF: 11.0/11

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

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

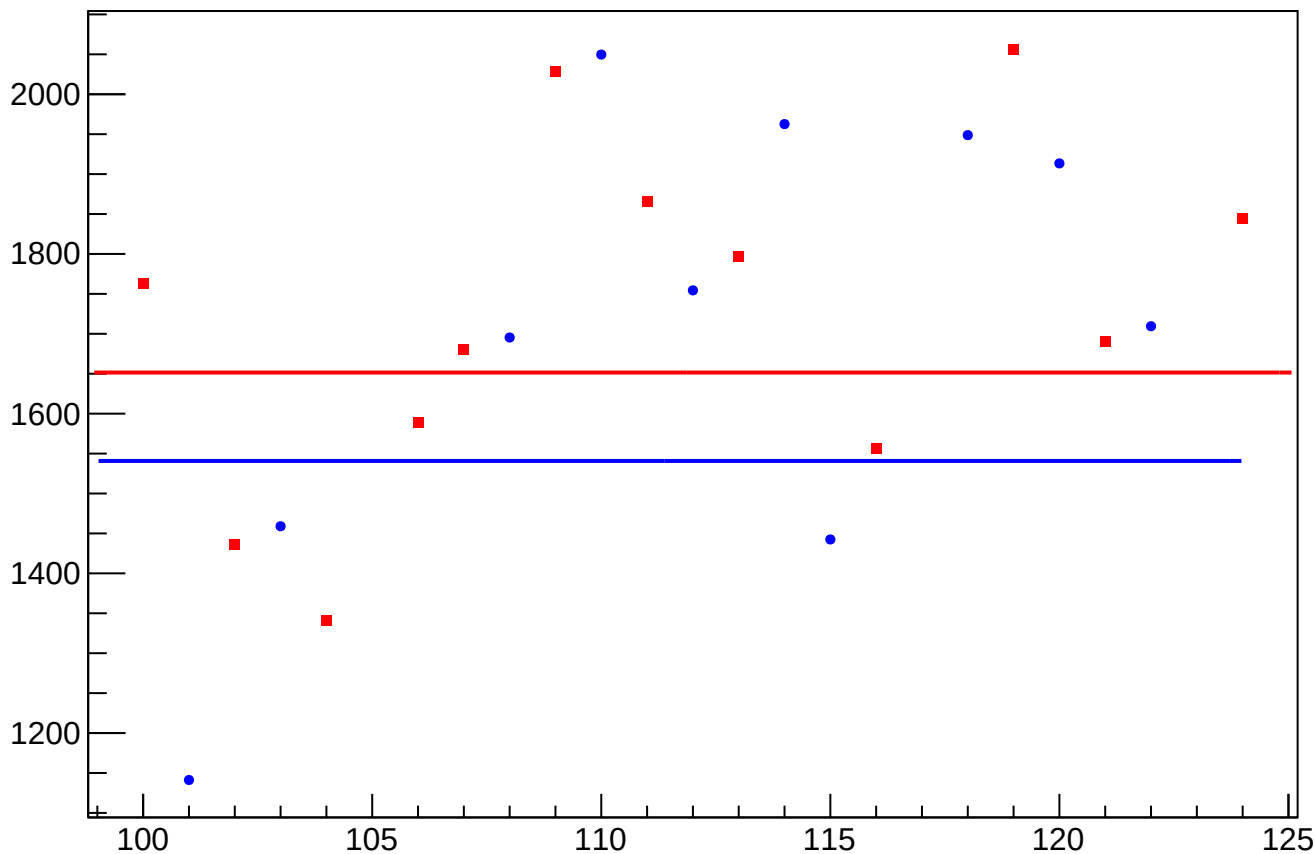
Right: -410.538 $\pm$ 547.631 χ^2 /NDF: 24.8/21

In: 165.034 $\pm$ 778.122 χ^2 /NDF:12.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -410.538 $\pm$ 547.631 χ^2 /NDF: 24.8/21

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1540.757+/-0.550 χ^2/NDF : 325714.3/9

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

Right Out: 1651.503+/-0.545 χ^2/NDF : 192848.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

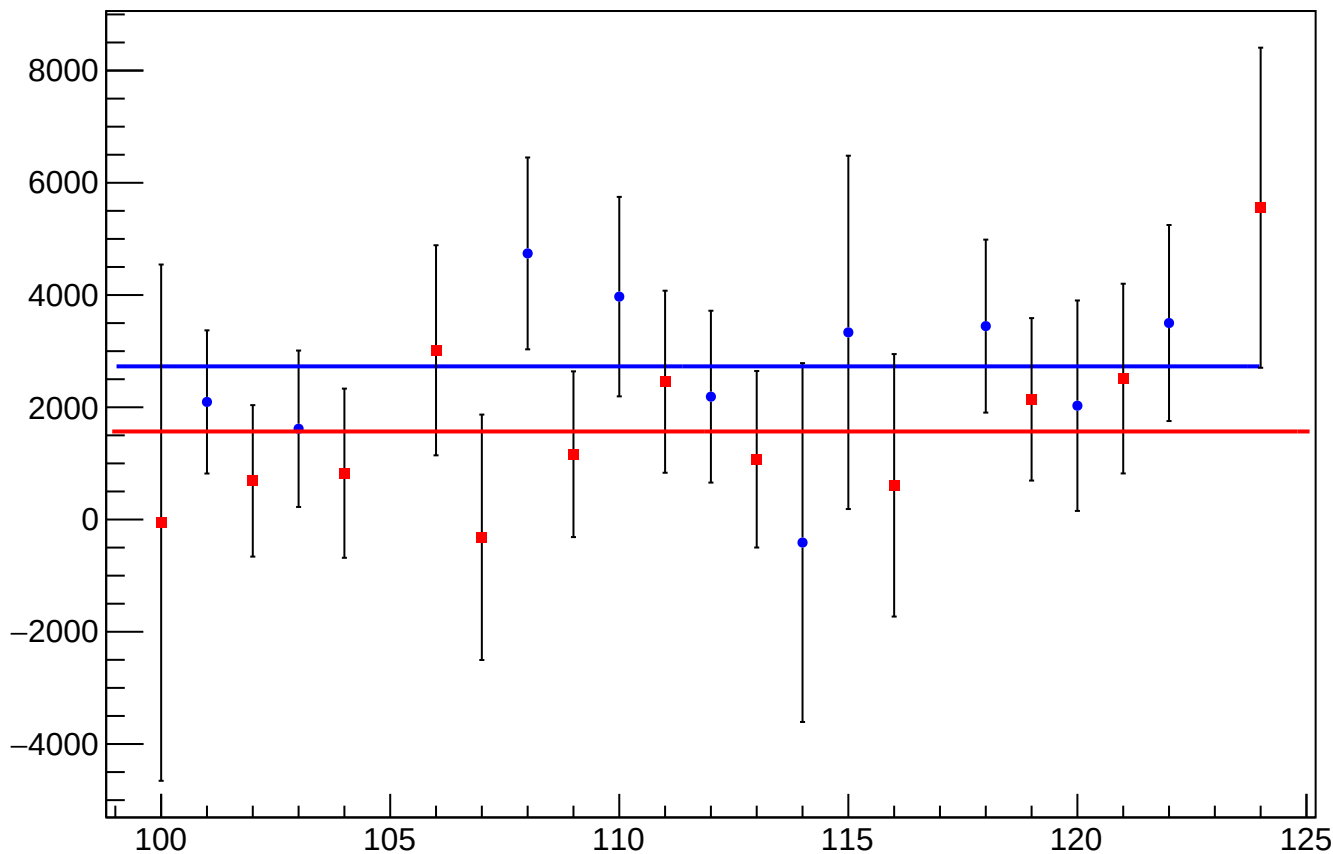
Right: 1596.649+/-0.387 χ^2/NDF : 539008.8/21

In: 1540.757+/-0.550 χ^2/NDF : 325714.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.649+/-0.387 χ^2/NDF : 539008.8/21

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2729.035+/-538.597 χ^2/NDF : 4.4/9

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

Right Out: 1568.846+/-505.877 χ^2/NDF : 5.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

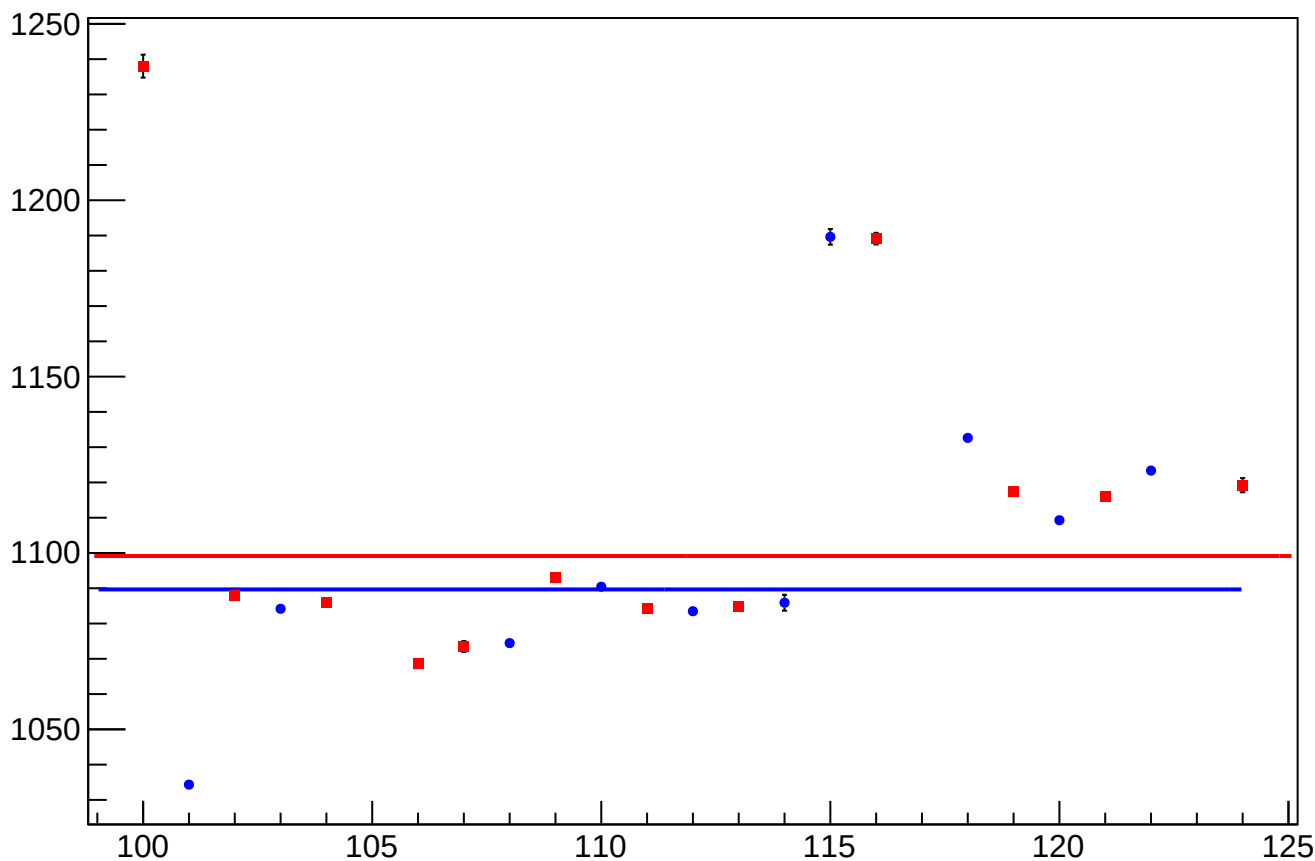
Right: 2112.632+/-368.734 χ^2/NDF : 12.1/21

In: 2729.035+/-538.597 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.632+/-368.734 χ^2/NDF : 12.1/21

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1089.671+/-0.381 χ^2/NDF : 8524.1/9

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

Right Out: 1099.138+/-0.358 χ^2/NDF : 6865.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

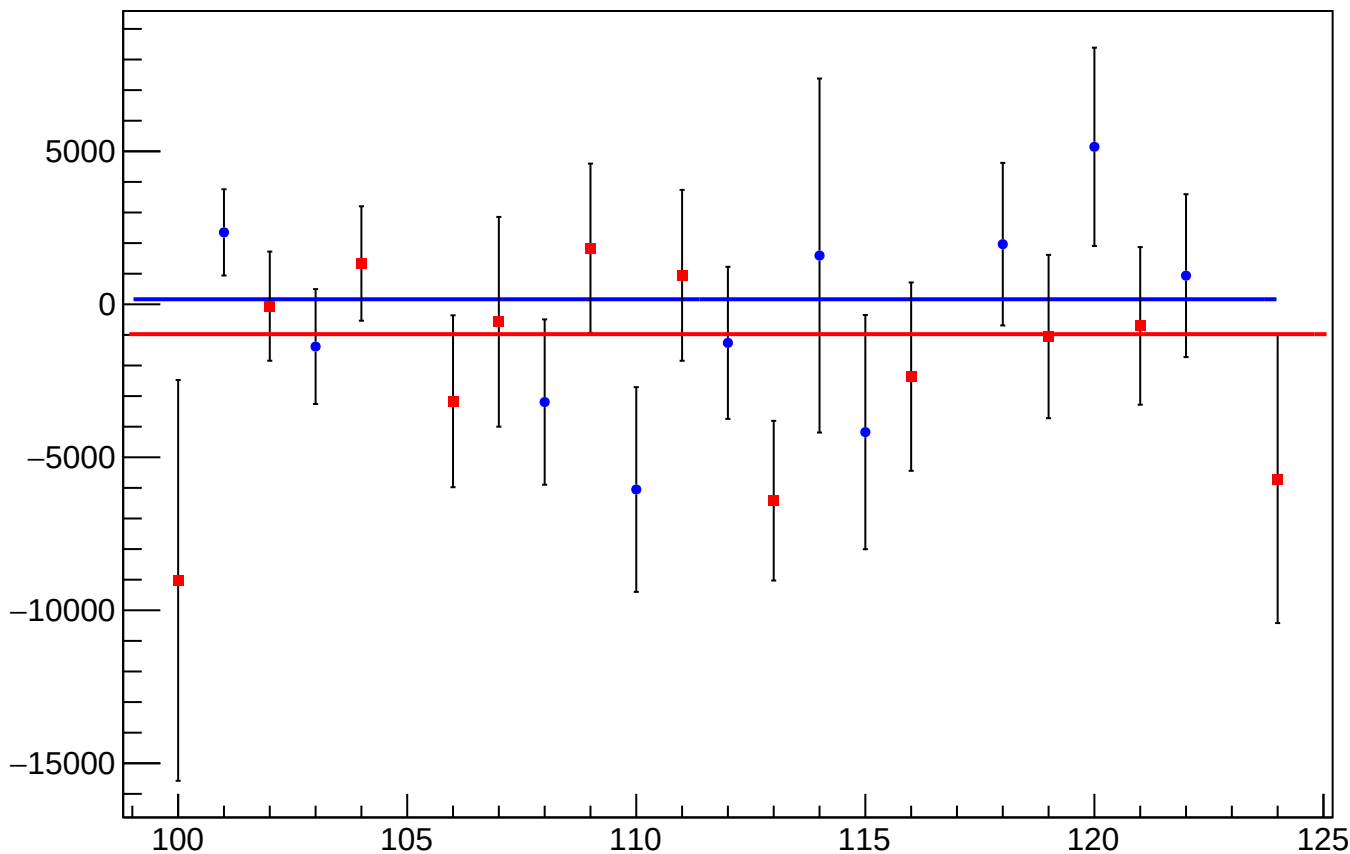
Right: 1094.701+/-0.261 χ^2/NDF : 15717.7/21

In: 1089.671+/-0.381 χ^2/NDF : 8524.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1094.701+/-0.261 χ^2/NDF : 15717.7/21

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 165.034 $\pm$ 778.122 χ^2/NDF : 12.7/9

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

Right Out: -975.423 $\pm$ 770.864 χ^2/NDF : 11.0/11

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

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

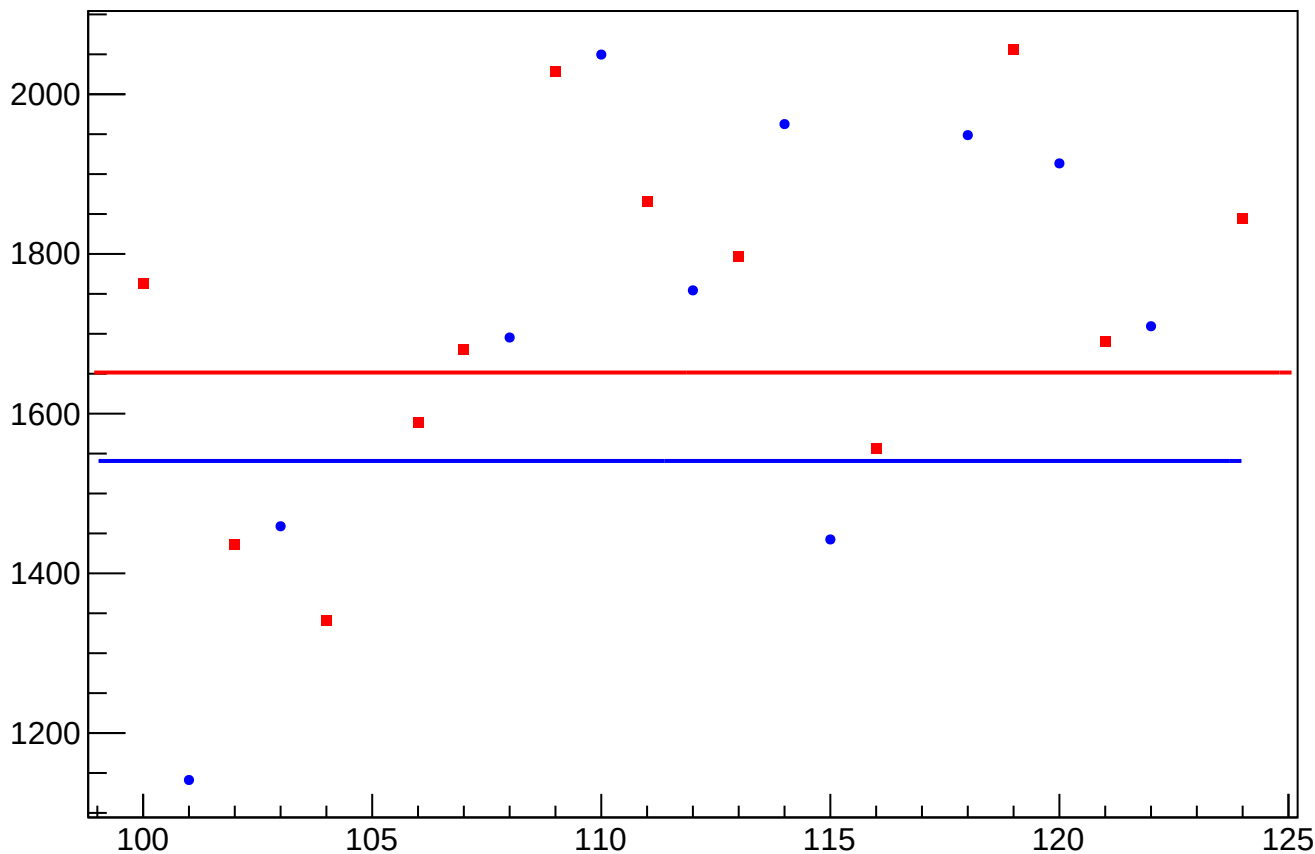
Right: -410.538 $\pm$ 547.631 χ^2/NDF : 24.8/21

In: 165.034 $\pm$ 778.122 χ^2/NDF : 12.7/9

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

All: -410.538 $\pm$ 547.631 χ^2/NDF : 24.8/21

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1540.757+/-0.550 χ^2/NDF : 325714.3/9

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

Right Out: 1651.503+/-0.545 χ^2/NDF : 192848.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

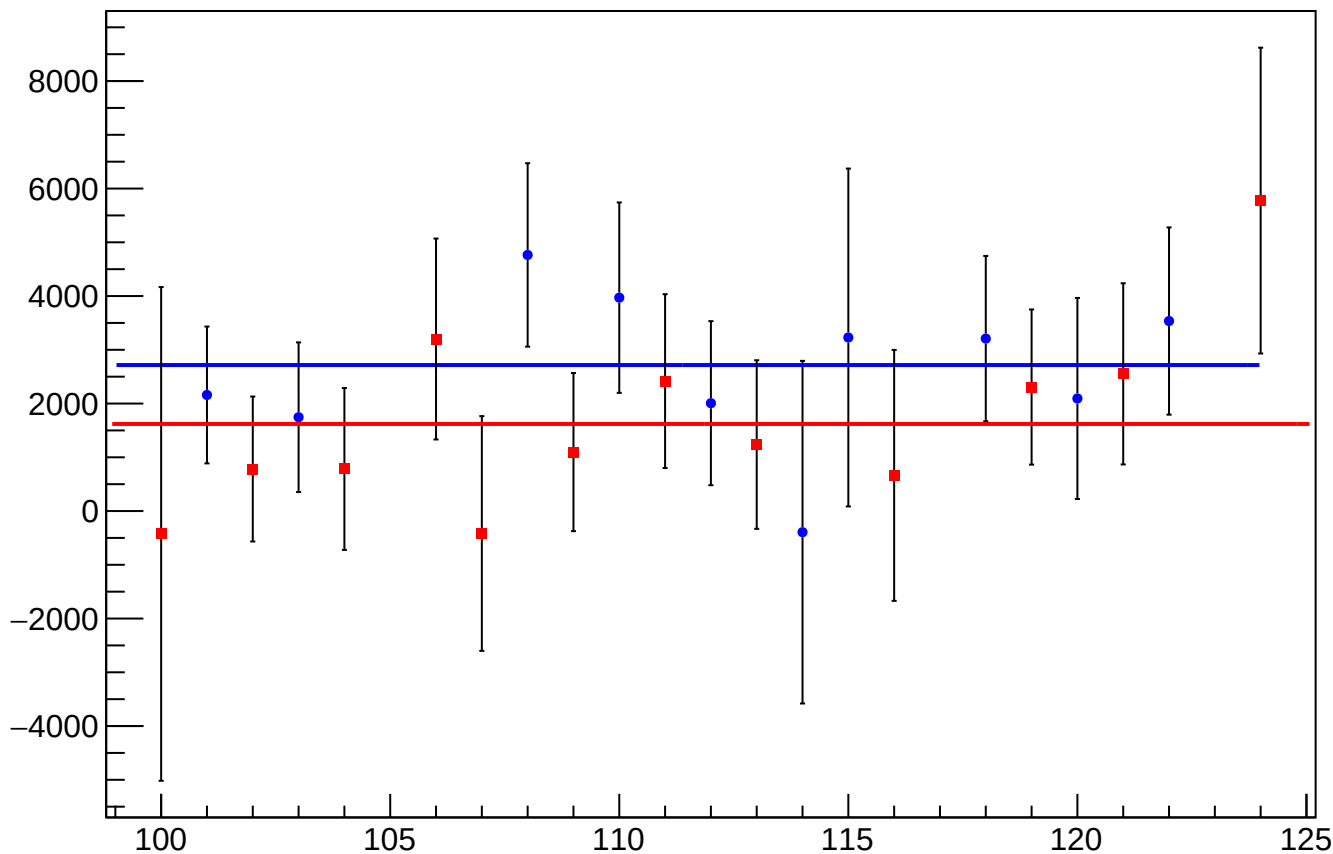
Right: 1596.649+/-0.387 χ^2/NDF : 539008.8/21

In: 1540.757+/-0.550 χ^2/NDF : 325714.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.649+/-0.387 χ^2/NDF : 539008.8/21

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2716.446+/-537.401 χ^2/NDF : 4.2/9

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

Right Out: 1620.407+/-504.788 χ^2/NDF : 5.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

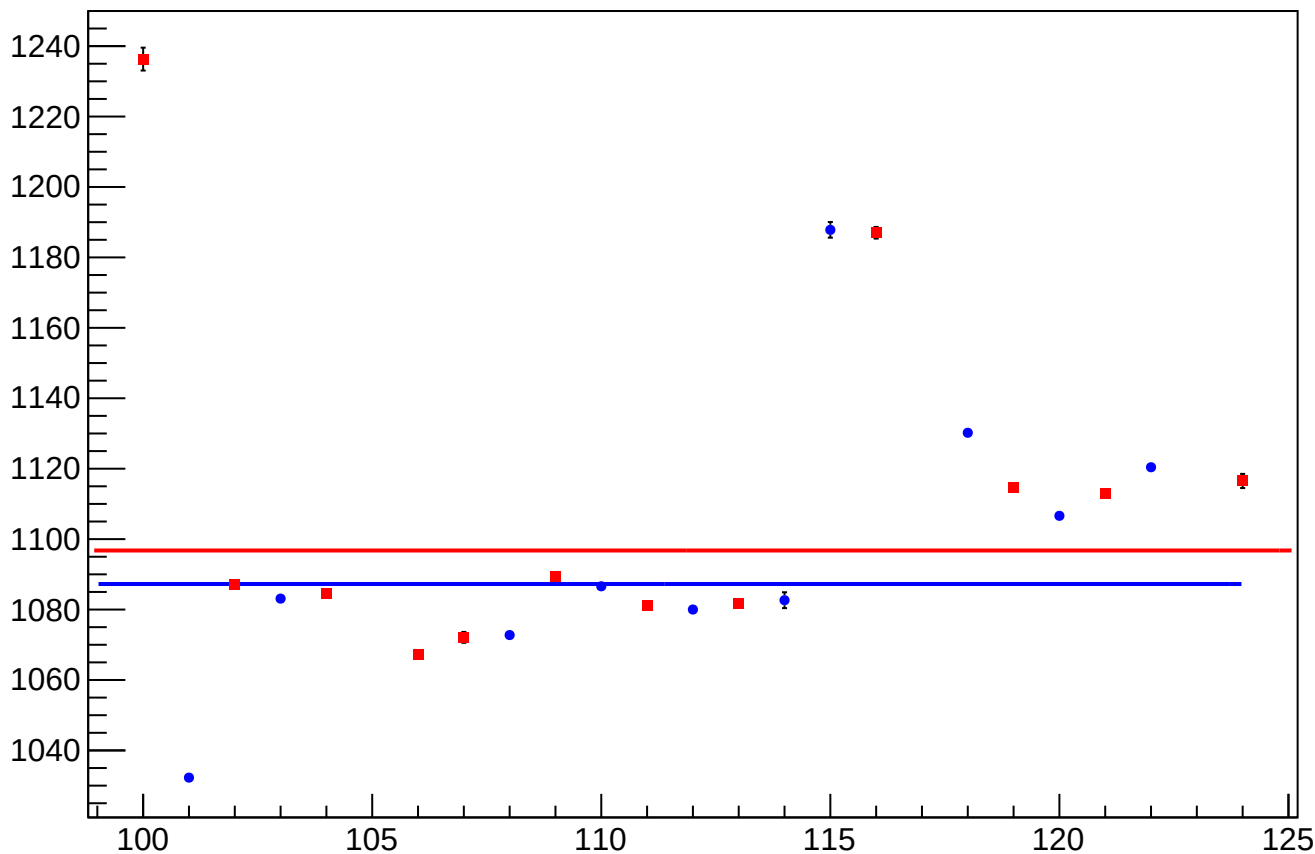
Right: 2134.161+/-367.929 χ^2/NDF : 12.2/21

In: 2716.446+/-537.401 χ^2/NDF : 4.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2134.161+/-367.929 χ^2/NDF : 12.2/21

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1087.253+/-0.380 χ^2/NDF : 8489.1/9

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

Right Out: 1096.773+/-0.357 χ^2/NDF : 6829.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

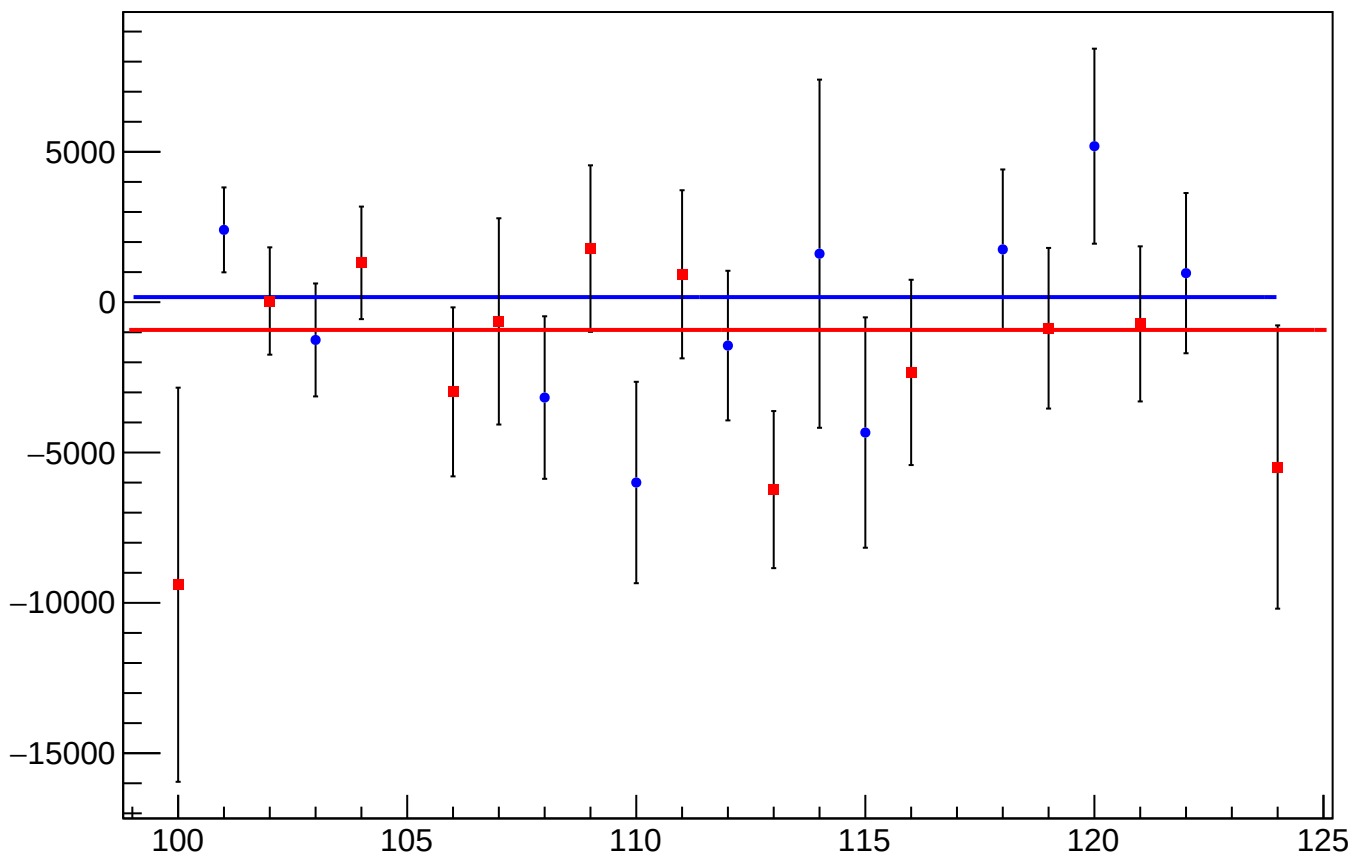
Right: 1092.310+/-0.260 χ^2/NDF : 15652.3/21

In: 1087.253+/-0.380 χ^2/NDF : 8489.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.310+/-0.260 χ^2/NDF : 15652.3/21

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 169.219+/-778.970 χ^2/NDF : 12.7/9

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

Right Out: -922.777+/-771.501 χ^2/NDF : 10.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

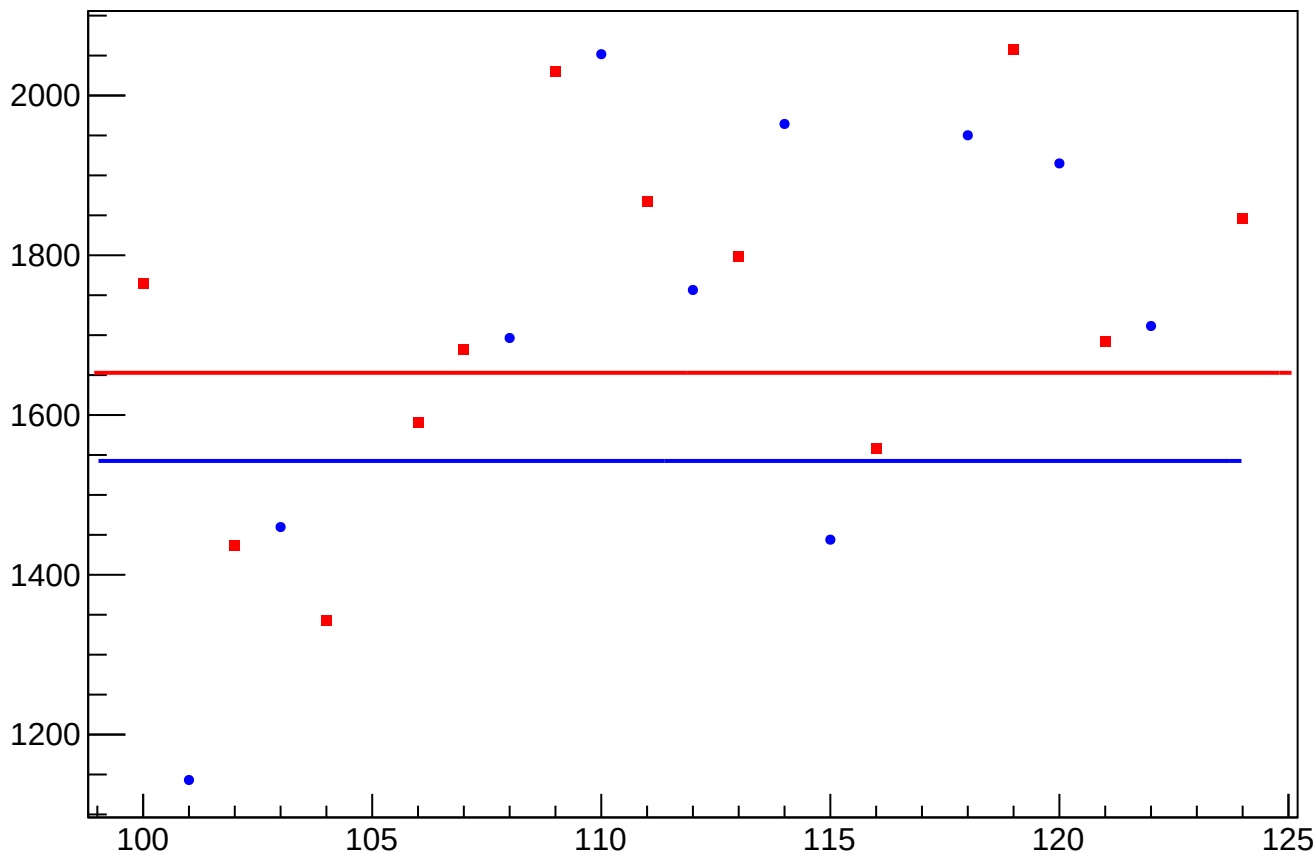
Right: -382.040+/-548.155 χ^2/NDF : 24.3/21

In: 169.219+/-778.970 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.040+/-548.155 χ^2/NDF : 24.3/21

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1542.532+/-0.551 χ^2/NDF : 324837.8/9

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

Right Out: 1652.864+/-0.546 χ^2/NDF : 193060.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

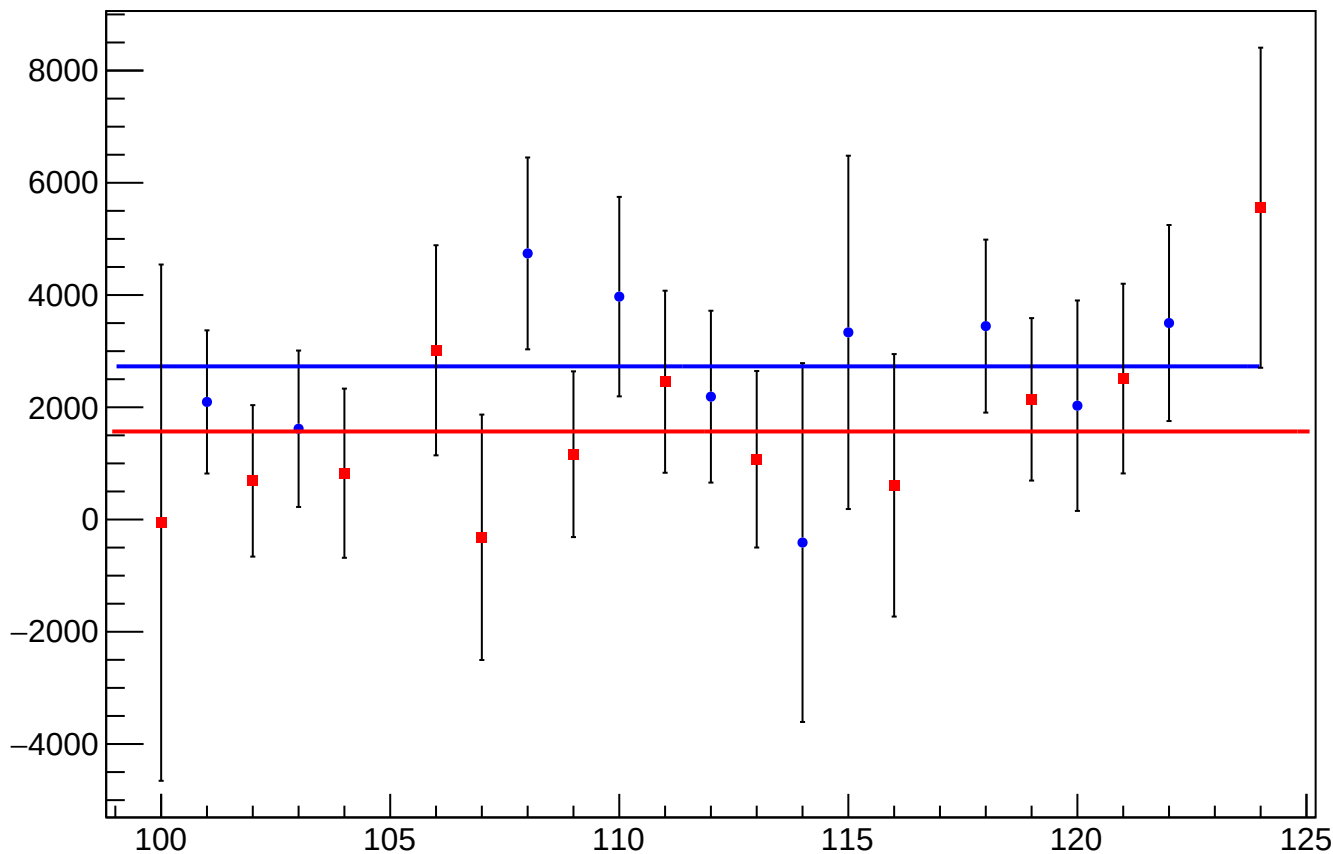
Right: 1598.230+/-0.388 χ^2/NDF : 538153.2/21

In: 1542.532+/-0.551 χ^2/NDF : 324837.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.230+/-0.388 χ^2/NDF : 538153.2/21

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2729.035+/-538.597 χ^2/NDF : 4.4/9

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

Right Out: 1568.846+/-505.877 χ^2/NDF : 5.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

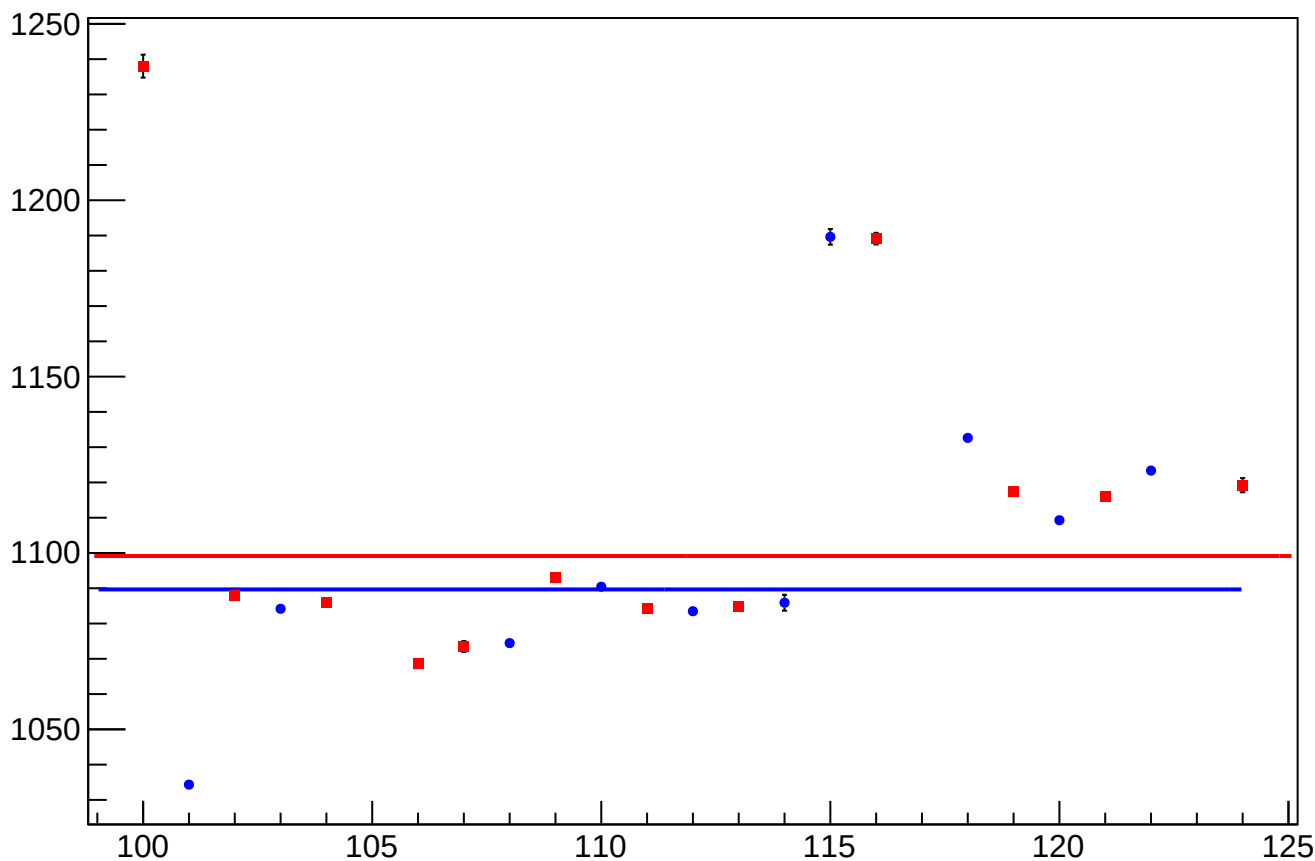
Right: 2112.632+/-368.734 χ^2/NDF : 12.1/21

In: 2729.035+/-538.597 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.632+/-368.734 χ^2/NDF : 12.1/21

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1089.671+/-0.381 χ^2/NDF : 8524.1/9

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

Right Out: 1099.138+/-0.358 χ^2/NDF : 6865.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

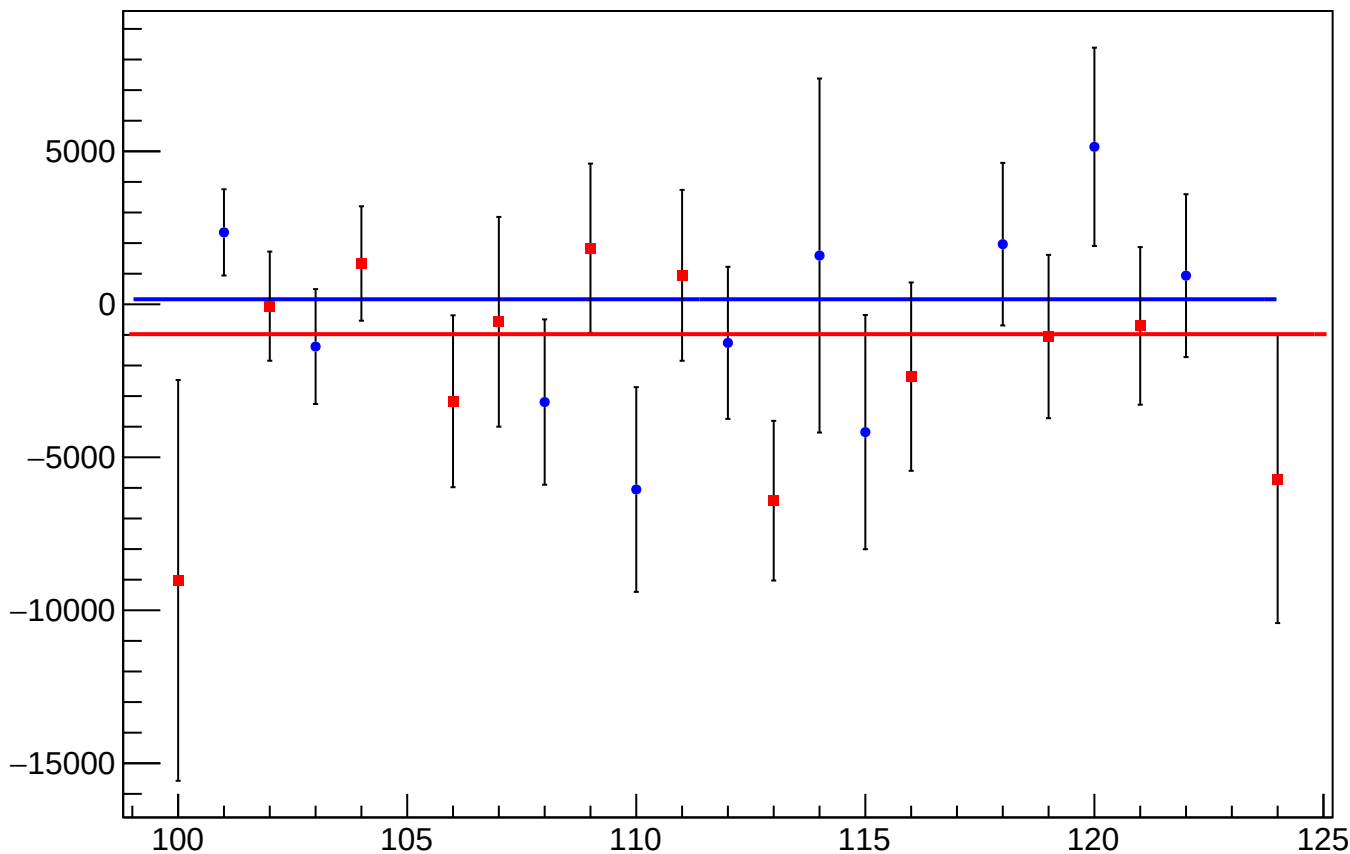
Right: 1094.701+/-0.261 χ^2/NDF : 15717.7/21

In: 1089.671+/-0.381 χ^2/NDF : 8524.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1094.701+/-0.261 χ^2/NDF : 15717.7/21

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 165.034+/-778.122 χ^2/NDF : 12.7/9

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

Right Out: -975.423+/-770.864 χ^2/NDF : 11.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

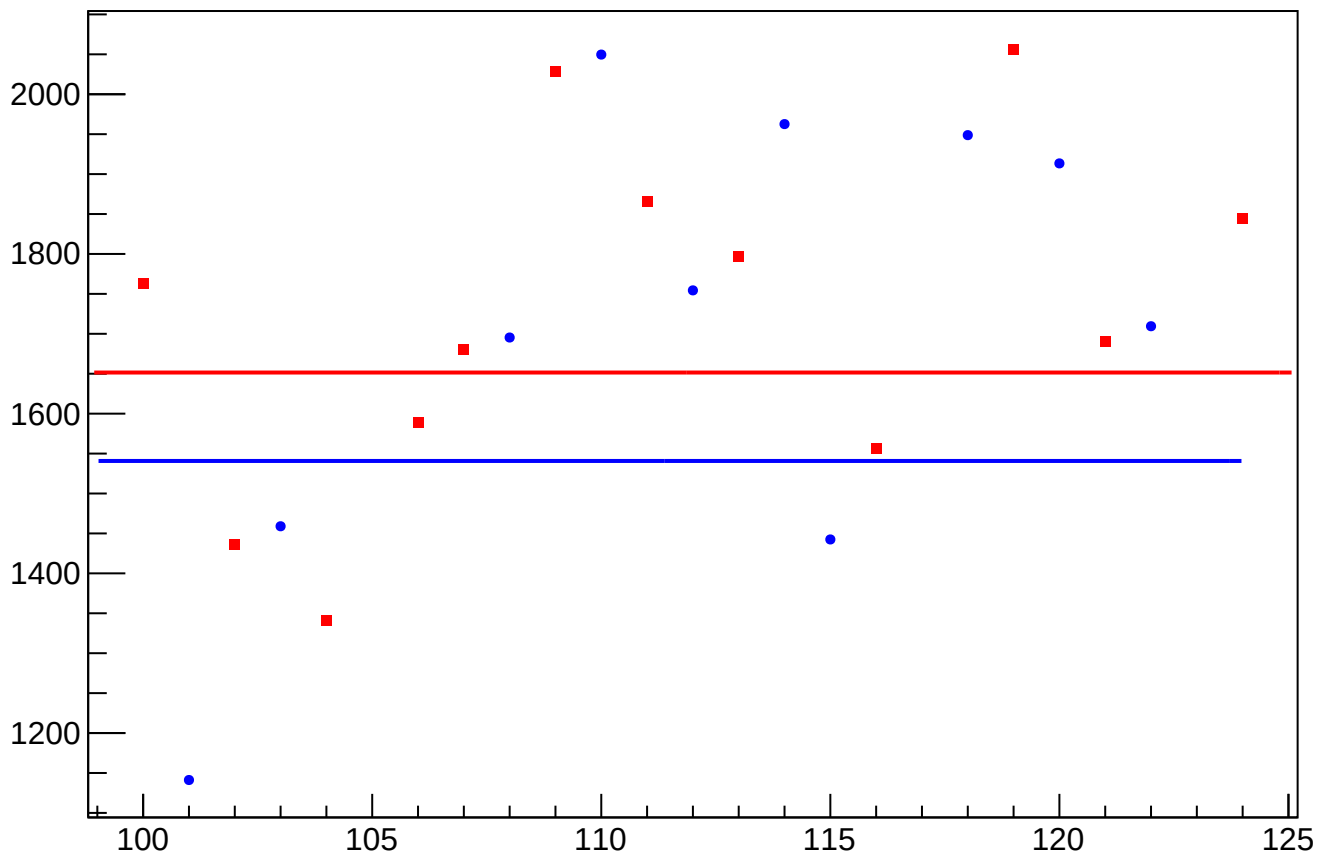
Right: -410.538+/-547.631 χ^2/NDF : 24.8/21

In: 165.034+/-778.122 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -410.538+/-547.631 χ^2/NDF : 24.8/21

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1540.757+/-0.550 χ^2/NDF : 325714.3/9

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

Right Out: 1651.503+/-0.545 χ^2/NDF : 192848.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

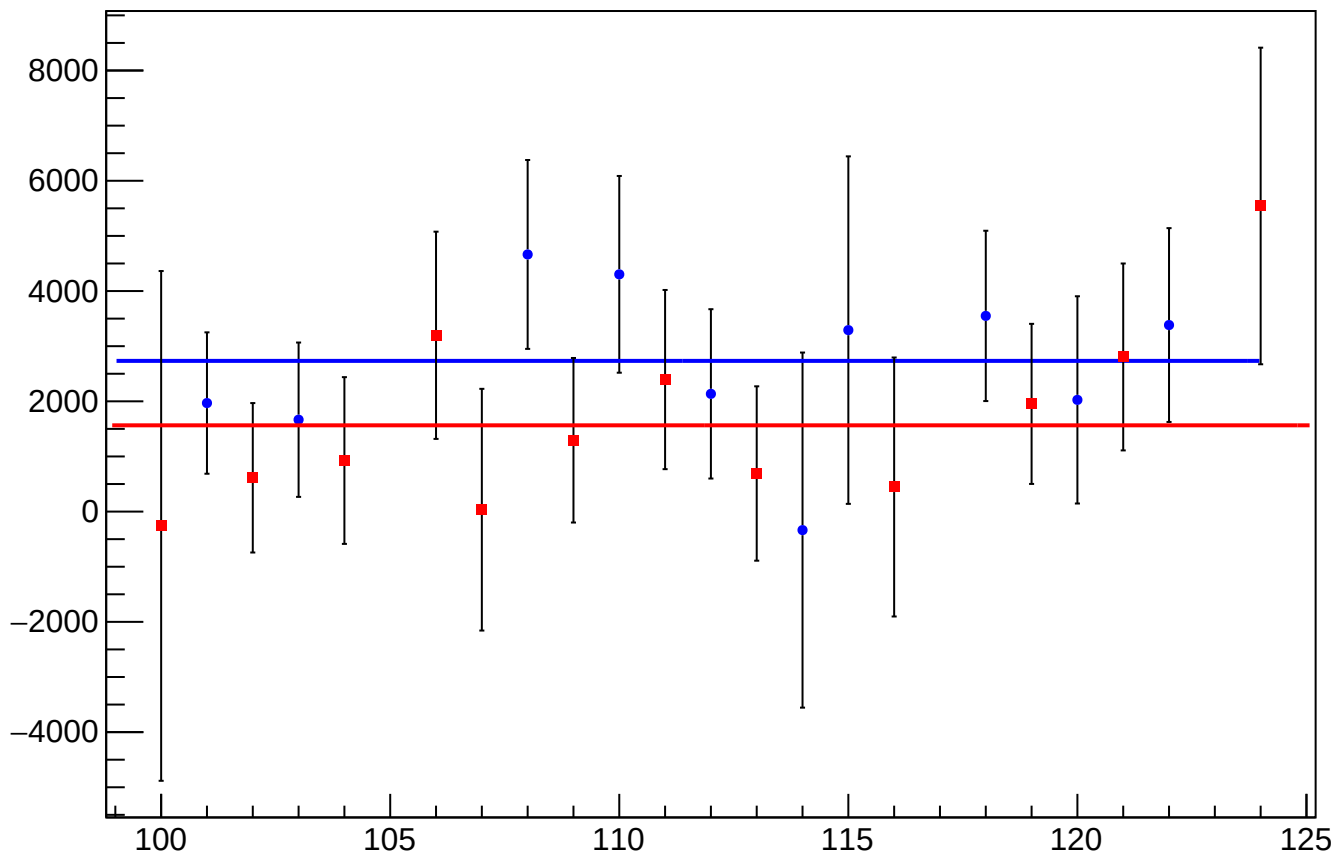
Right: 1596.649+/-0.387 χ^2/NDF : 539008.8/21

In: 1540.757+/-0.550 χ^2/NDF : 325714.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.649+/-0.387 χ^2/NDF : 539008.8/21

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2733.358+/-540.669 χ^2/NDF : 4.6/9

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

Right Out: 1564.679+/-508.143 χ^2/NDF : 5.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

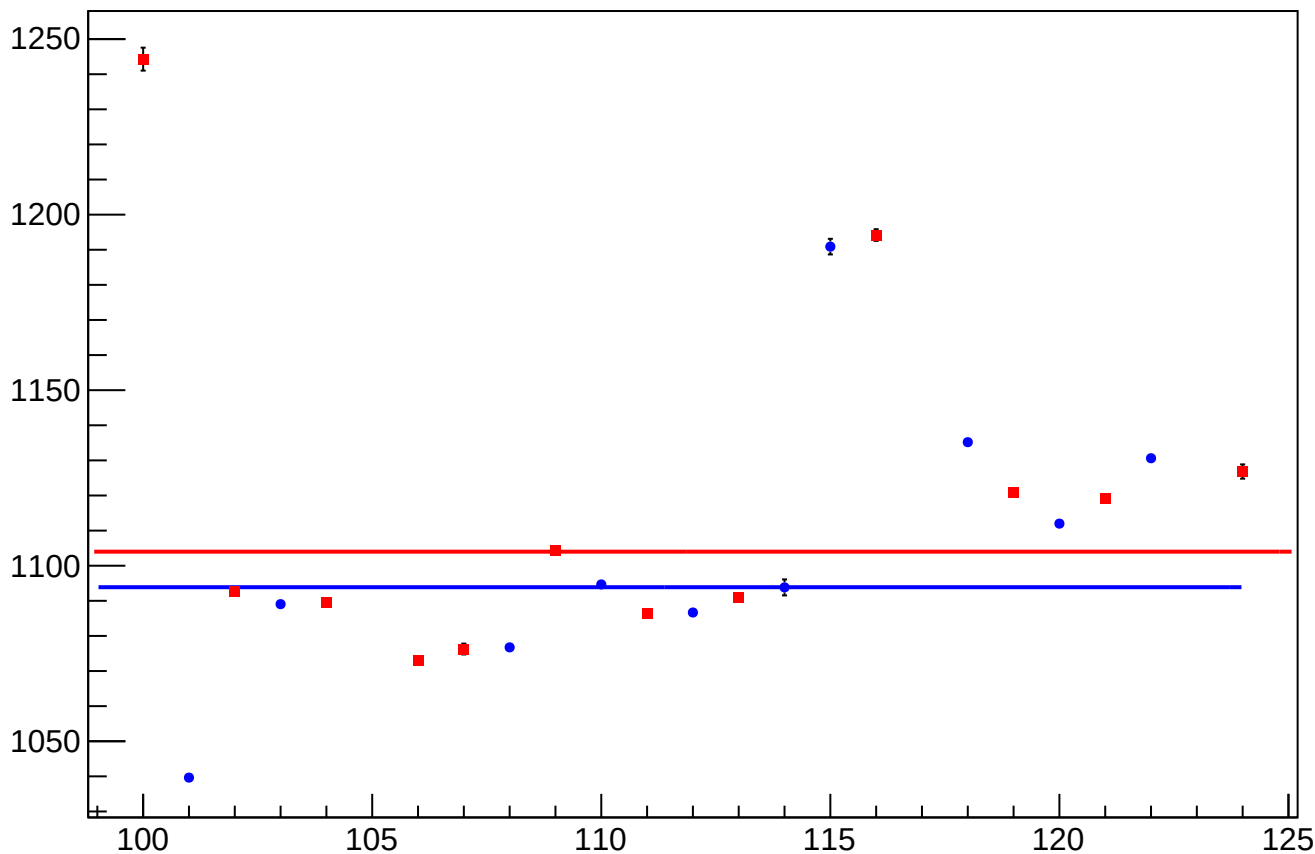
Right: 2112.811+/-370.276 χ^2/NDF : 12.5/21

In: 2733.358+/-540.669 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.811+/-370.276 χ^2/NDF : 12.5/21

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1093.877+/-0.382 χ^2/NDF : 8233.2/9

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

Right Out: 1103.999+/-0.359 χ^2/NDF : 6913.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

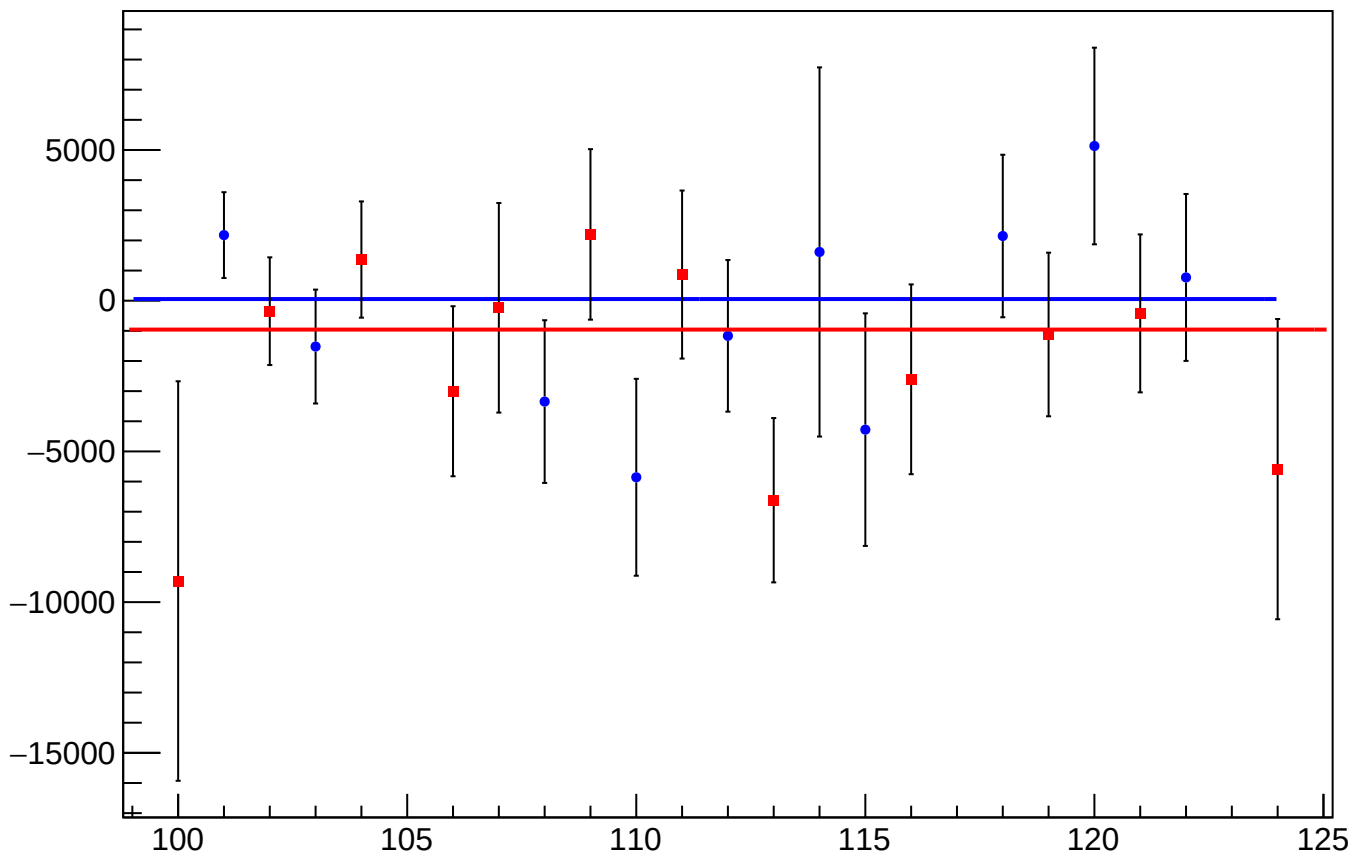
Right: 1099.252+/-0.262 χ^2/NDF : 15519.0/21

In: 1093.877+/-0.382 χ^2/NDF : 8233.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.252+/-0.262 χ^2/NDF : 15519.0/21

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: 55.004+/-786.064 χ^2/NDF : 12.4/9

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

Right Out: -958.199+/-784.621 χ^2/NDF : 10.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

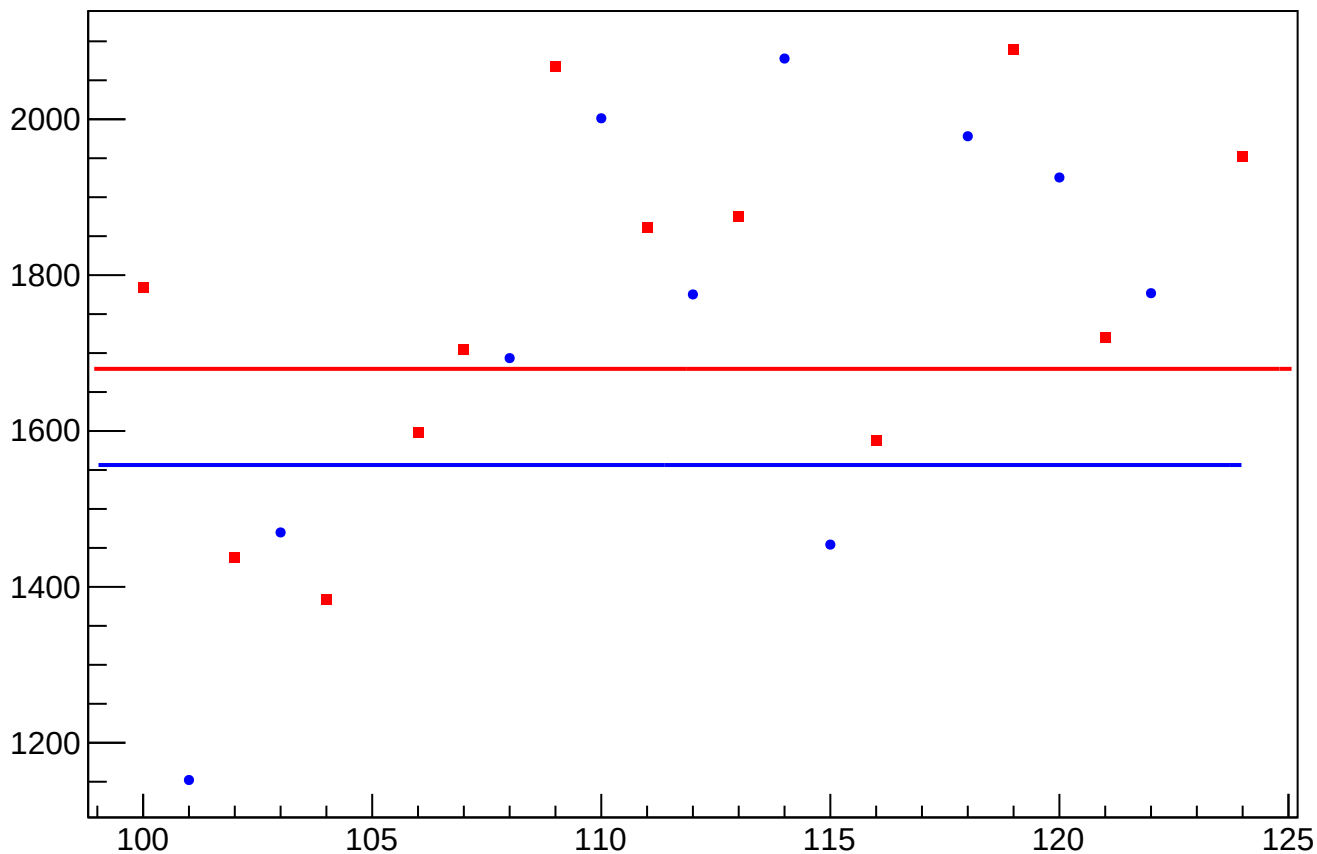
Right: -452.528+/-555.320 χ^2/NDF : 24.2/21

In: 55.004+/-786.064 χ^2/NDF : 12.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -452.528+/-555.320 χ^2/NDF : 24.2/21

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1556.366+/-0.556 χ^2/NDF : 325918.8/9

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

Right Out: 1679.771+/-0.555 χ^2/NDF : 196406.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

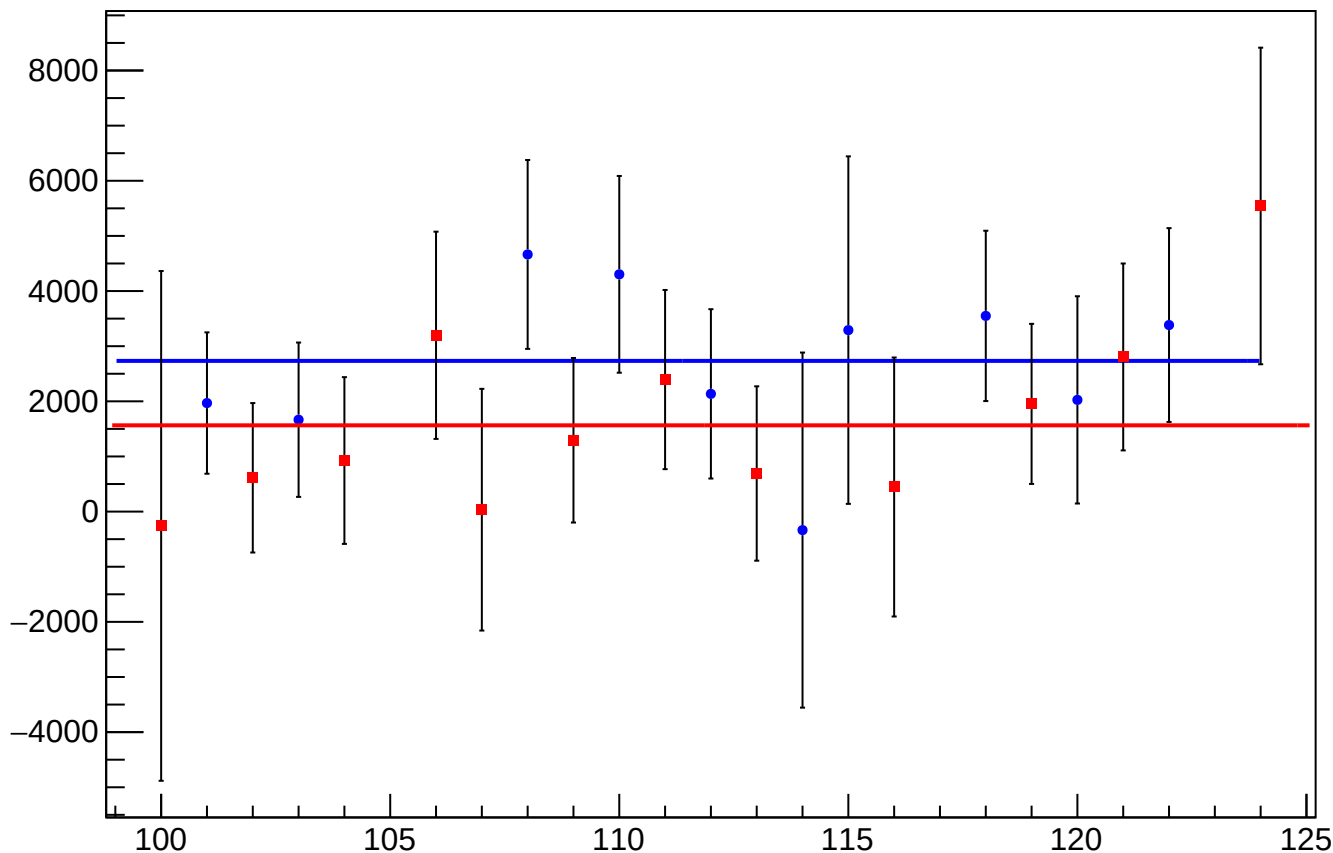
Right: 1618.182+/-0.393 χ^2/NDF : 547017.0/21

In: 1556.366+/-0.556 χ^2/NDF : 325918.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1618.182+/-0.393 χ^2/NDF : 547017.0/21

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2733.358+/-540.669 χ^2/NDF : 4.6/9

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

Right Out: 1564.684+/-508.143 χ^2/NDF : 5.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

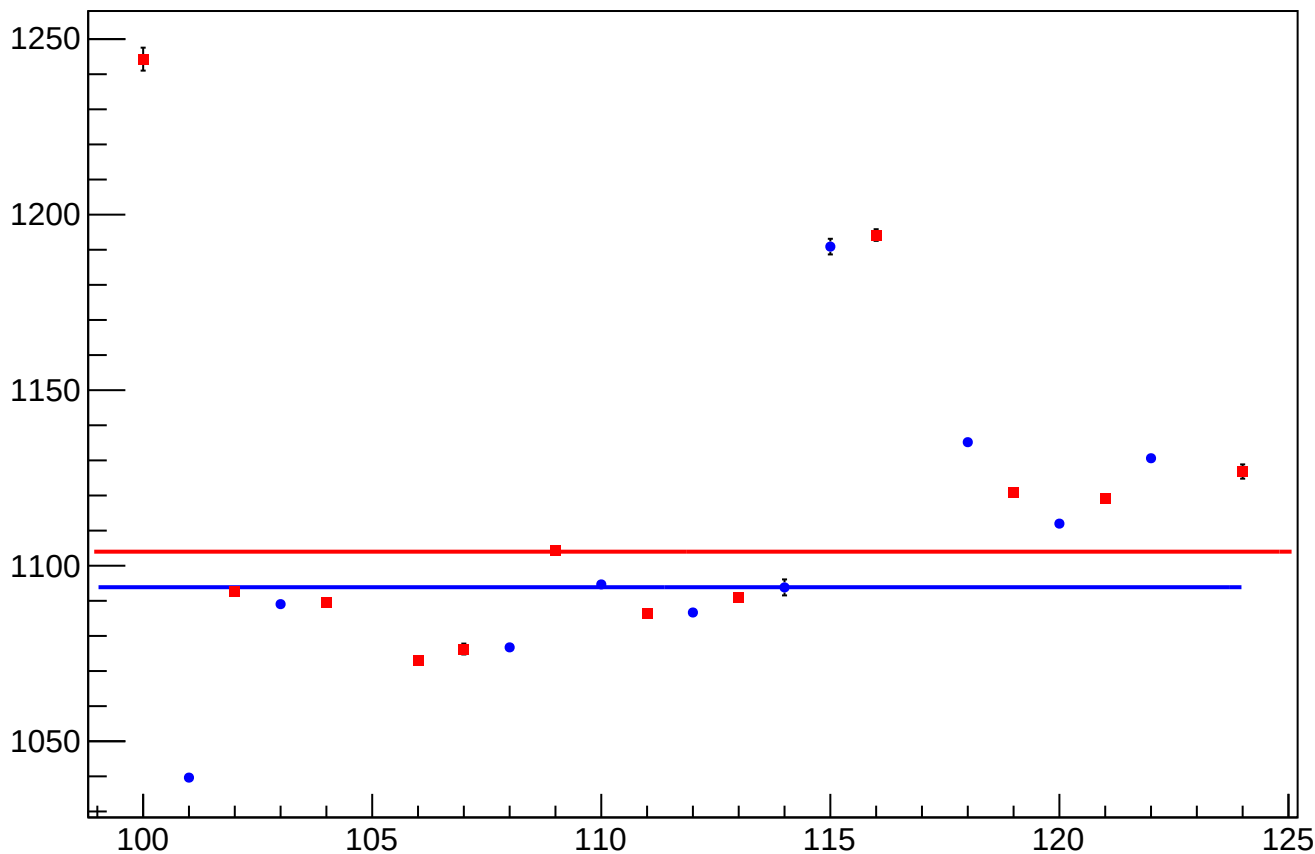
Right: 2112.813+/-370.276 χ^2/NDF : 12.5/21

In: 2733.358+/-540.669 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.813+/-370.276 χ^2/NDF : 12.5/21

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1093.877+/-0.382 χ^2/NDF : 8233.1/9

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

Right Out: 1103.999+/-0.359 χ^2/NDF : 6913.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

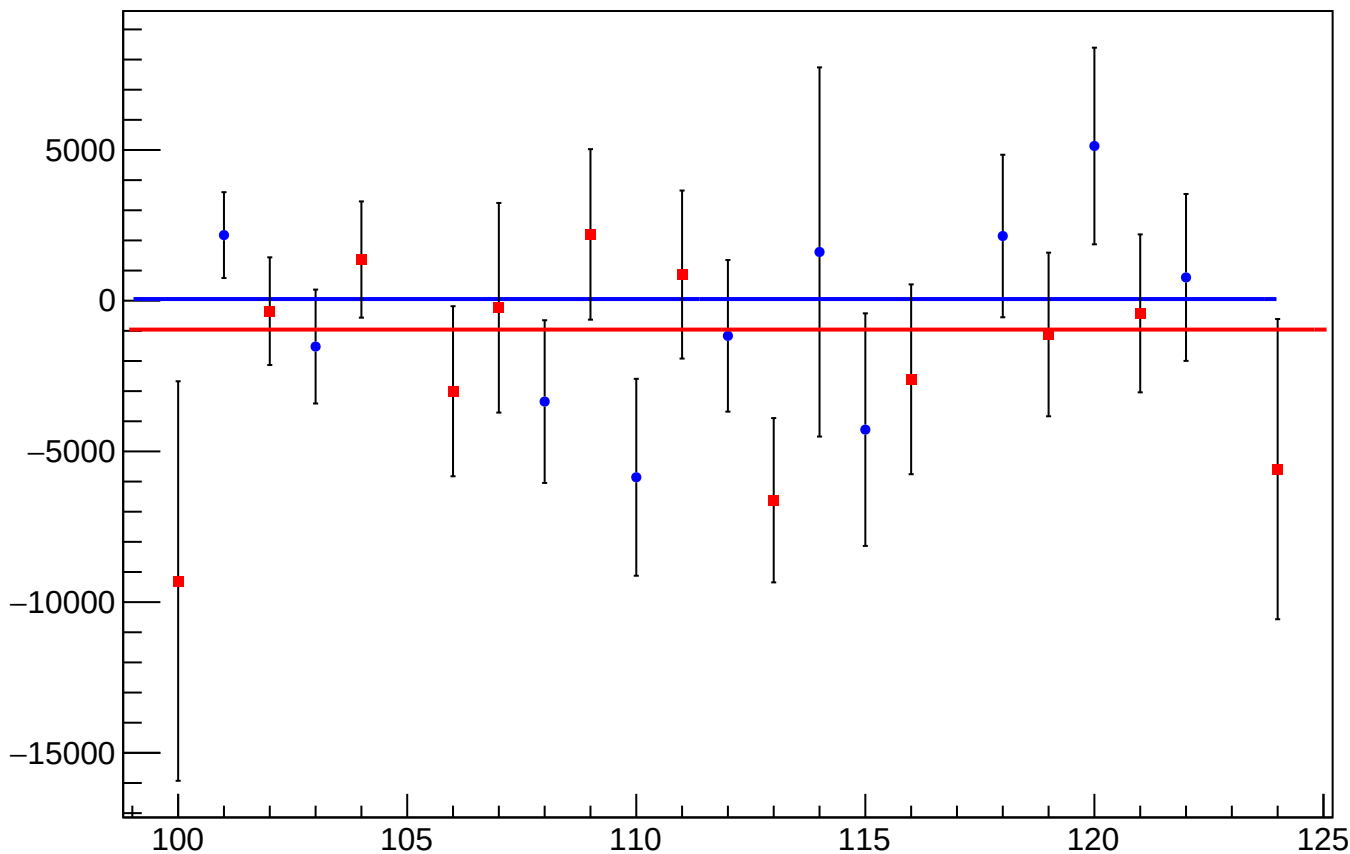
Right: 1099.252+/-0.262 χ^2/NDF : 15518.9/21

In: 1093.877+/-0.382 χ^2/NDF : 8233.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.252+/-0.262 χ^2/NDF : 15518.9/21

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 55.003+/-786.062 χ^2/NDF : 12.4/9

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

Right Out: -958.203+/-784.620 χ^2/NDF : 10.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

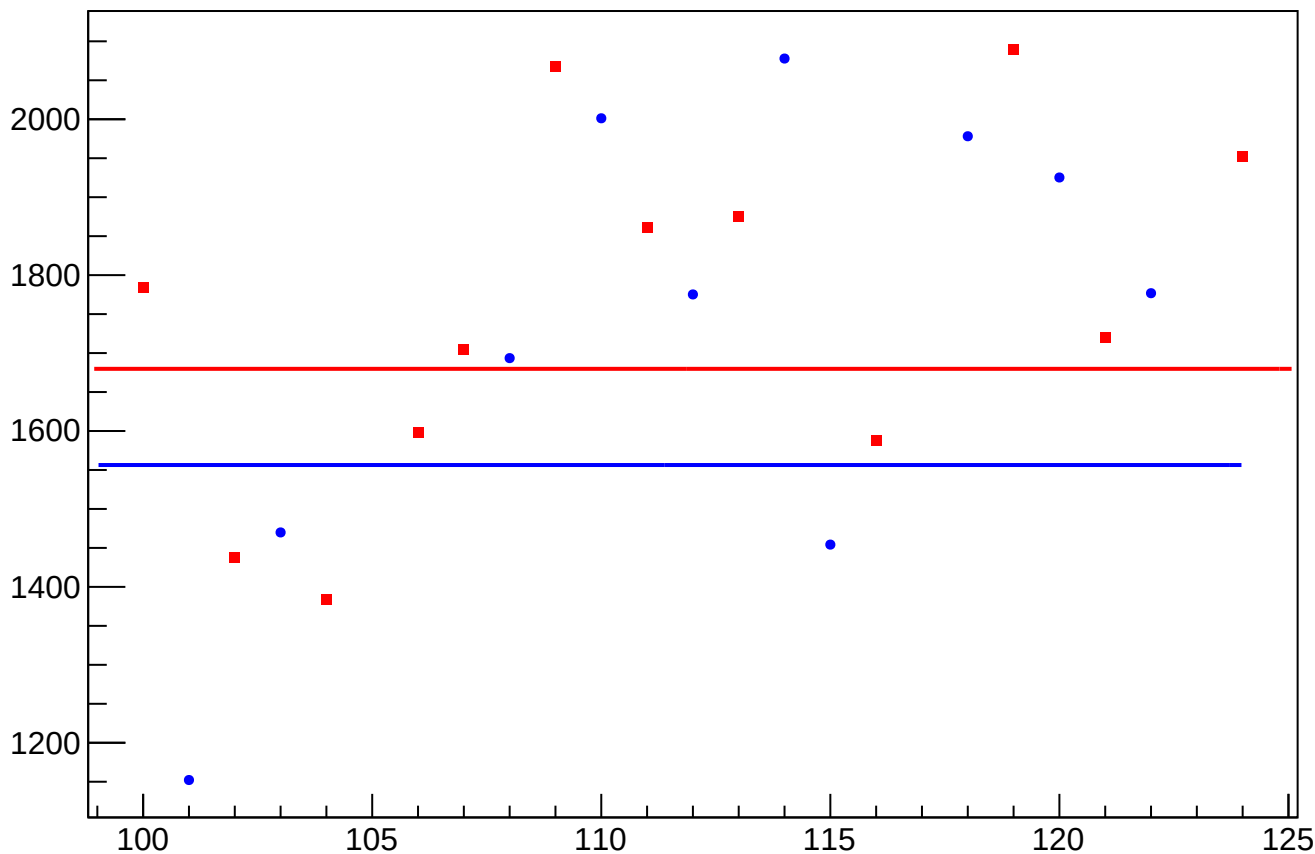
Right: -452.530+/-555.319 χ^2/NDF : 24.2/21

In: 55.003+/-786.062 χ^2/NDF : 12.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -452.530+/-555.319 χ^2/NDF : 24.2/21

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1556.363+/-0.556 χ^2/NDF : 325912.1/9

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

Right Out: 1679.770+/-0.555 χ^2/NDF : 196399.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

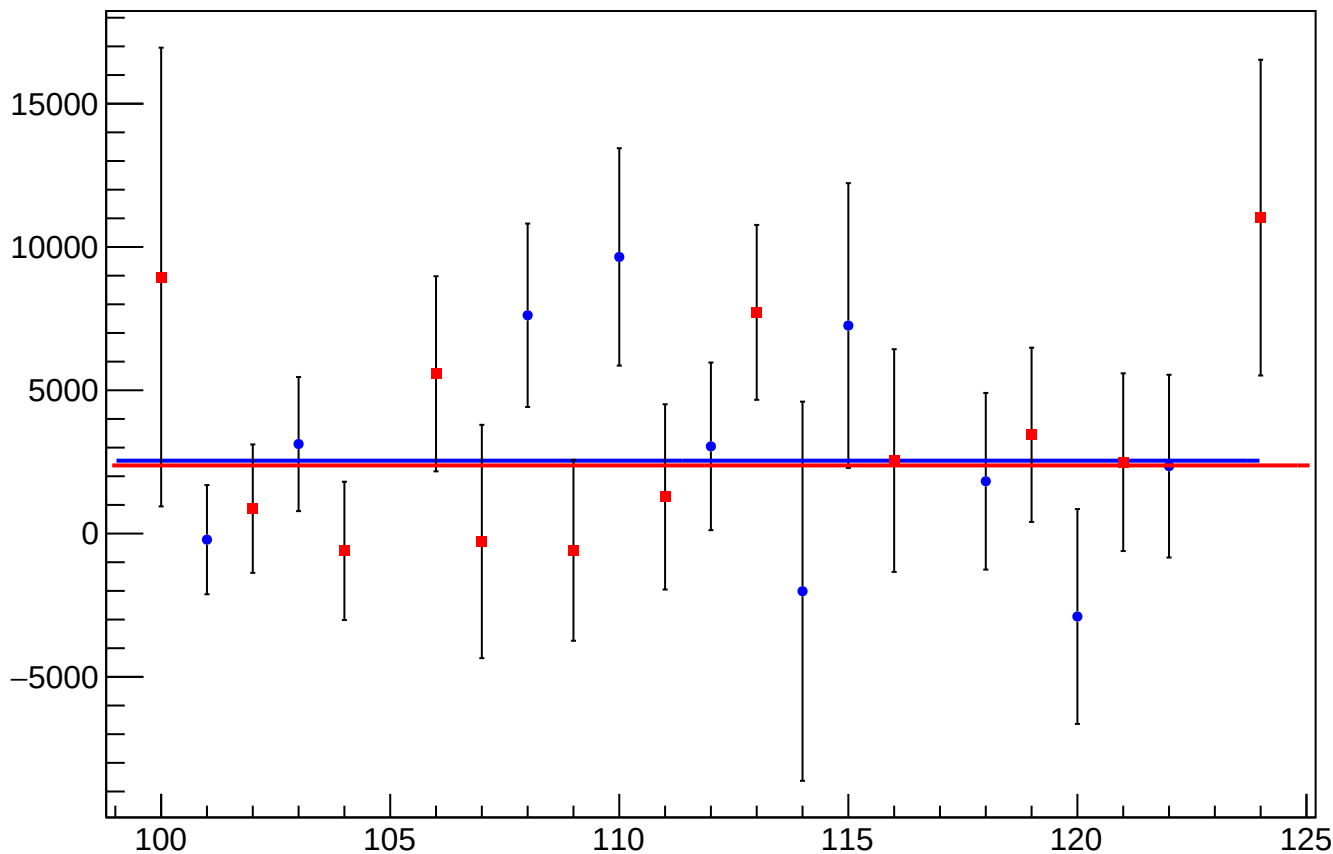
Right: 1618.180+/-0.393 χ^2/NDF : 547003.4/21

In: 1556.363+/-0.556 χ^2/NDF : 325912.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1618.180+/-0.393 χ^2/NDF : 547003.4/21

asym_usr_mean vs Slug, Sign Corrected



Right In: 2544.235+/-962.105 χ^2/NDF : 11.7/9

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

Right Out: 2378.163+/-933.225 χ^2/NDF : 10.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

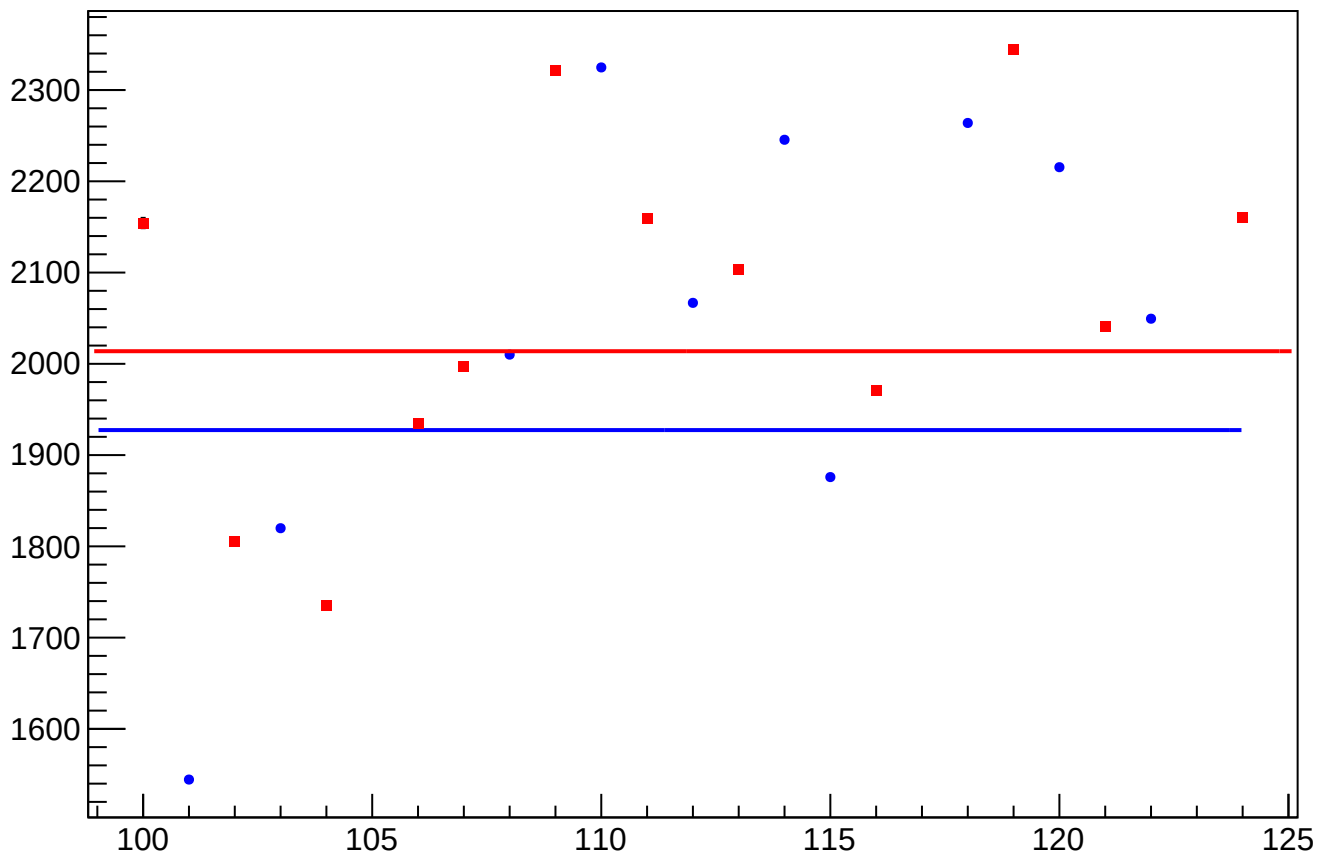
Right: 2458.669+/-669.867 χ^2/NDF : 22.4/21

In: 2544.235+/-962.105 χ^2/NDF : 11.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2458.669+/-669.867 χ^2/NDF : 22.4/21

asym_usr_rms vs Slug, Sign Corrected



Right In: 1927.404+/-0.680 χ^2/NDF : 156272.9/9

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

Right Out: 2013.823+/-0.660 χ^2/NDF : 96023.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

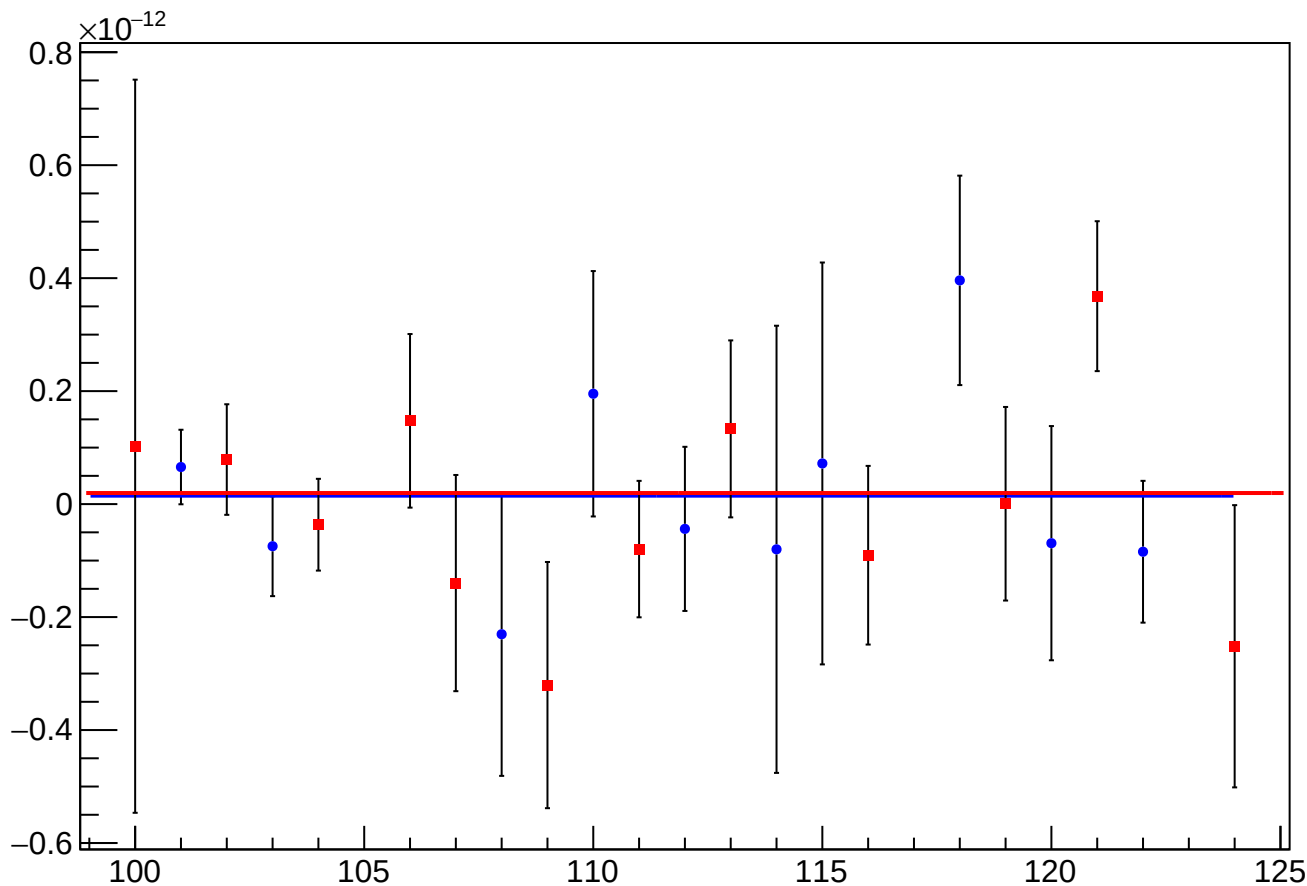
Right: 1971.930+/-0.474 χ^2/NDF : 260610.5/21

In: 1927.404+/-0.680 χ^2/NDF : 156272.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1971.930+/-0.474 χ^2/NDF : 260610.5/21

asym_usr_reg_vs_cor_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 : 14.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

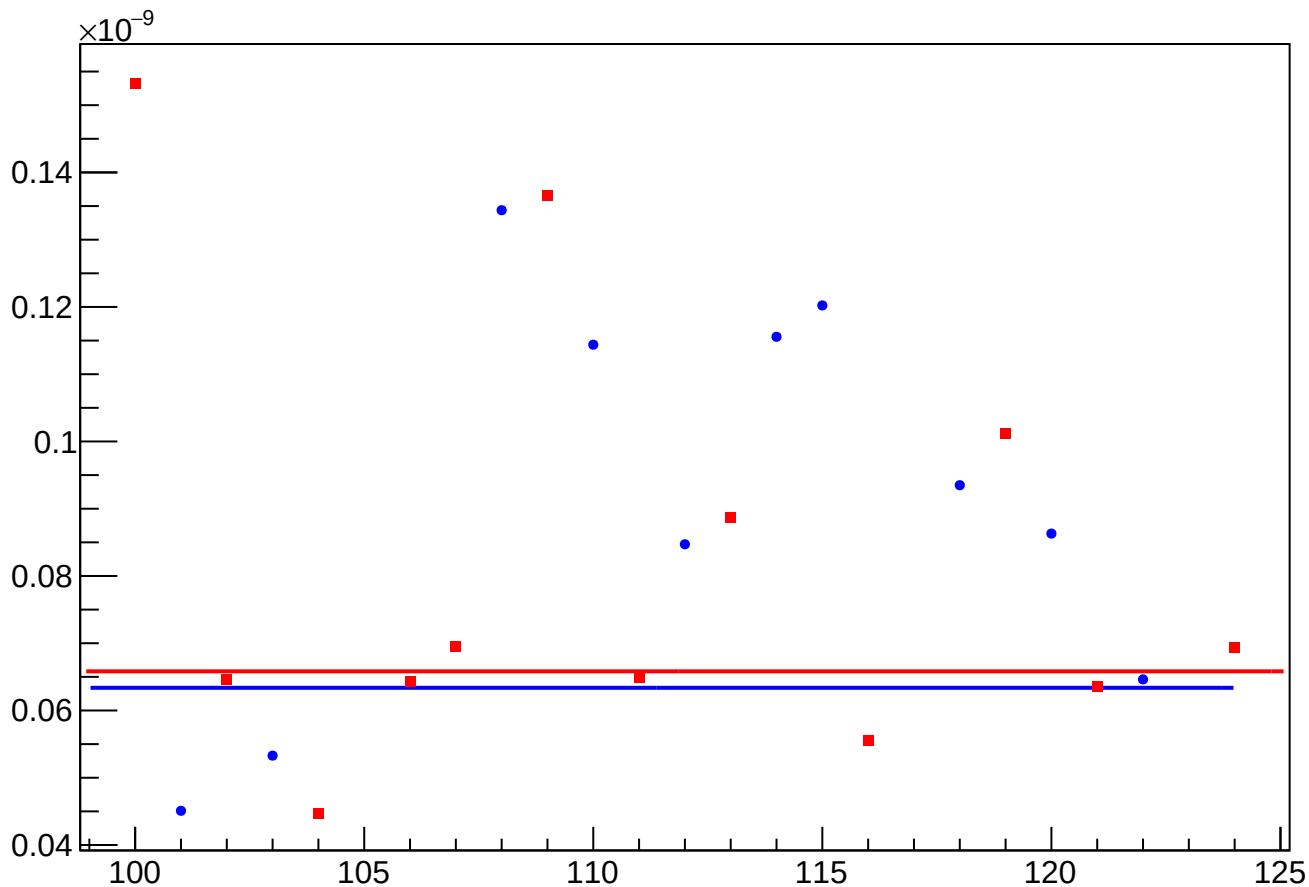
Right: 0.000+/-0.000 χ^2/NDF : 23.0/21

In: 0.000+/-0.000 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.0/21

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 656865.7/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 520425.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

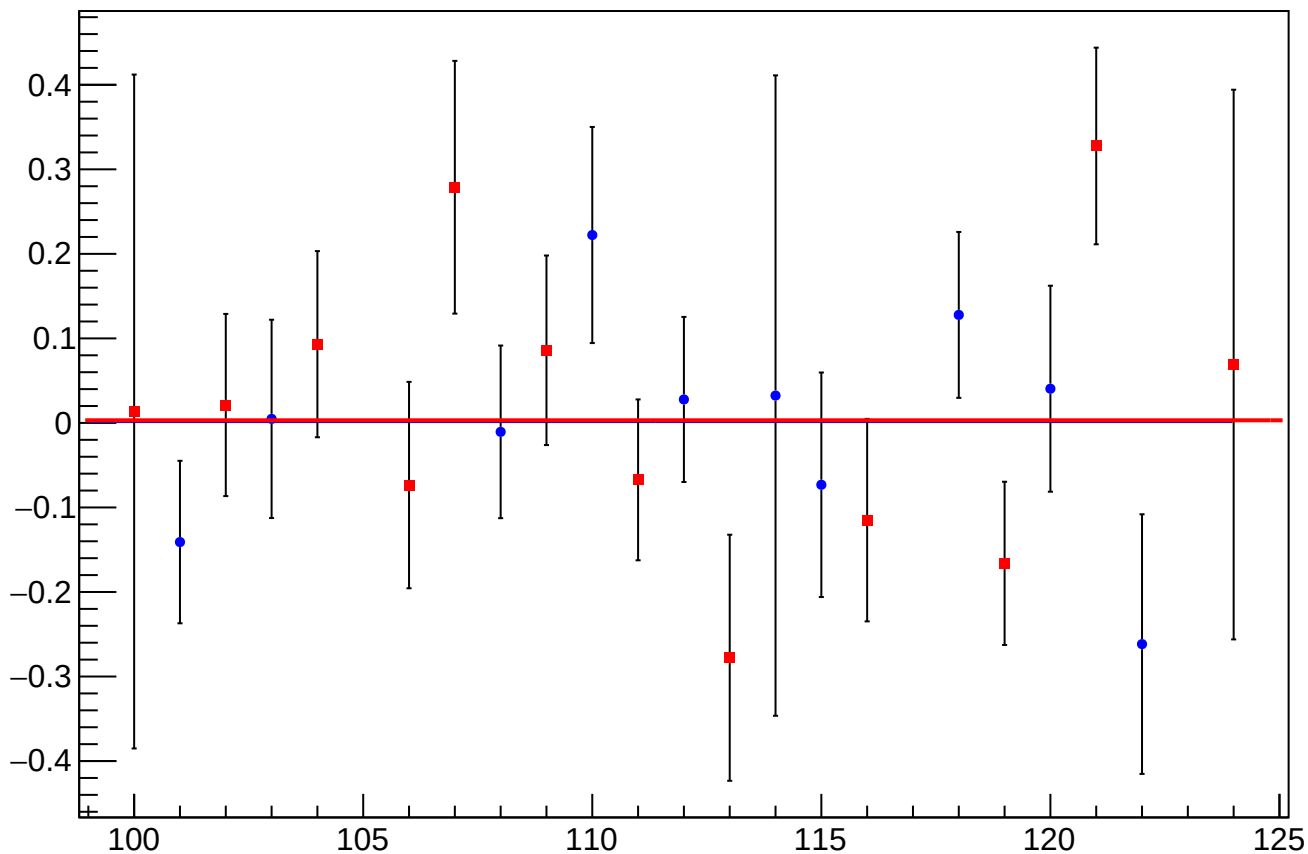
Right: 0.000+/-0.000 χ^2/NDF : 1180818.6/21

In: 0.000+/-0.000 χ^2/NDF : 656865.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1180818.6/21

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.037 χ^2/NDF : 10.3/9

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

Right Out: 0.003+/-0.036 χ^2/NDF : 21.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

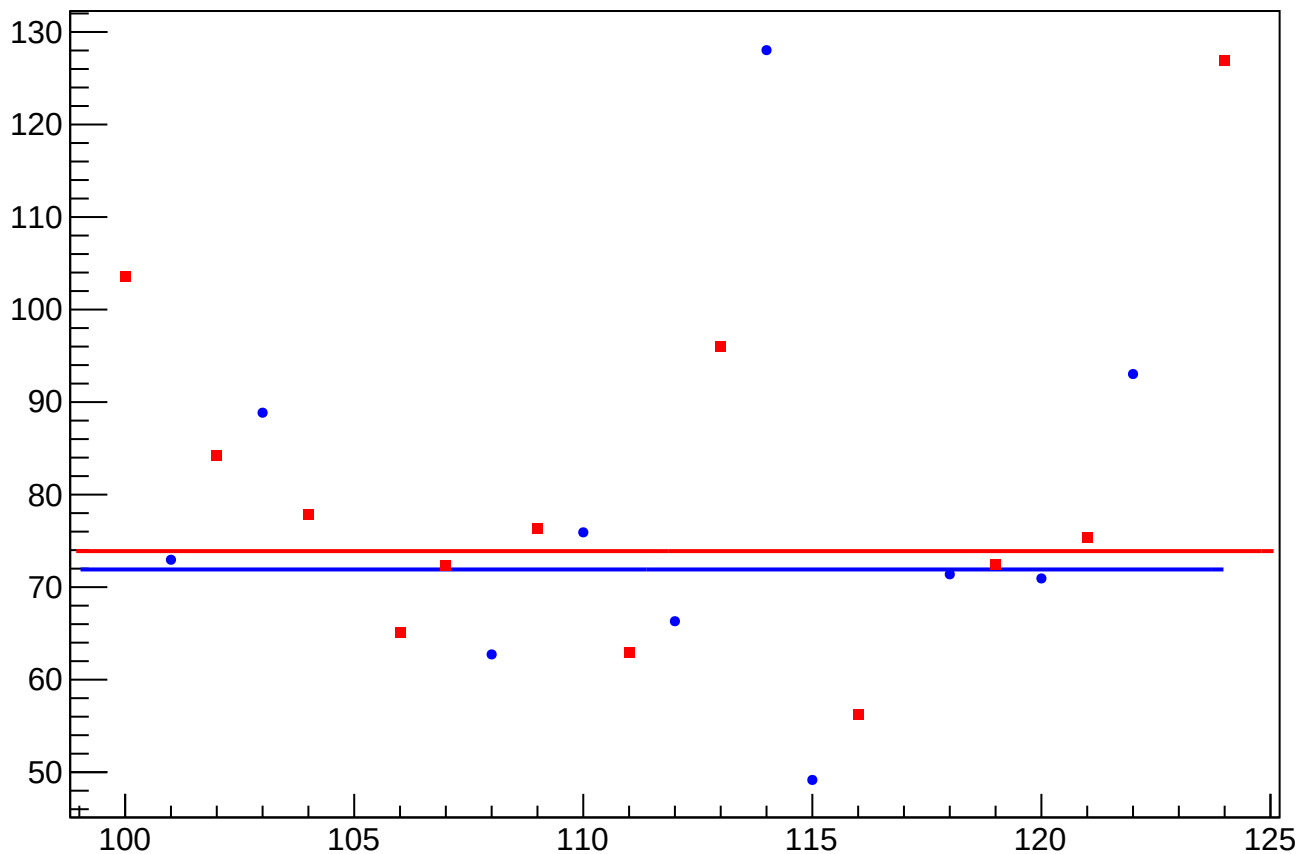
Right: 0.003+/-0.026 χ^2/NDF : 31.5/21

In: 0.002+/-0.037 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.026 χ^2/NDF : 31.5/21

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.911+/-0.026 χ^2/NDF : 207263.3/9

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

Right Out: 73.895+/-0.025 χ^2/NDF : 213812.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

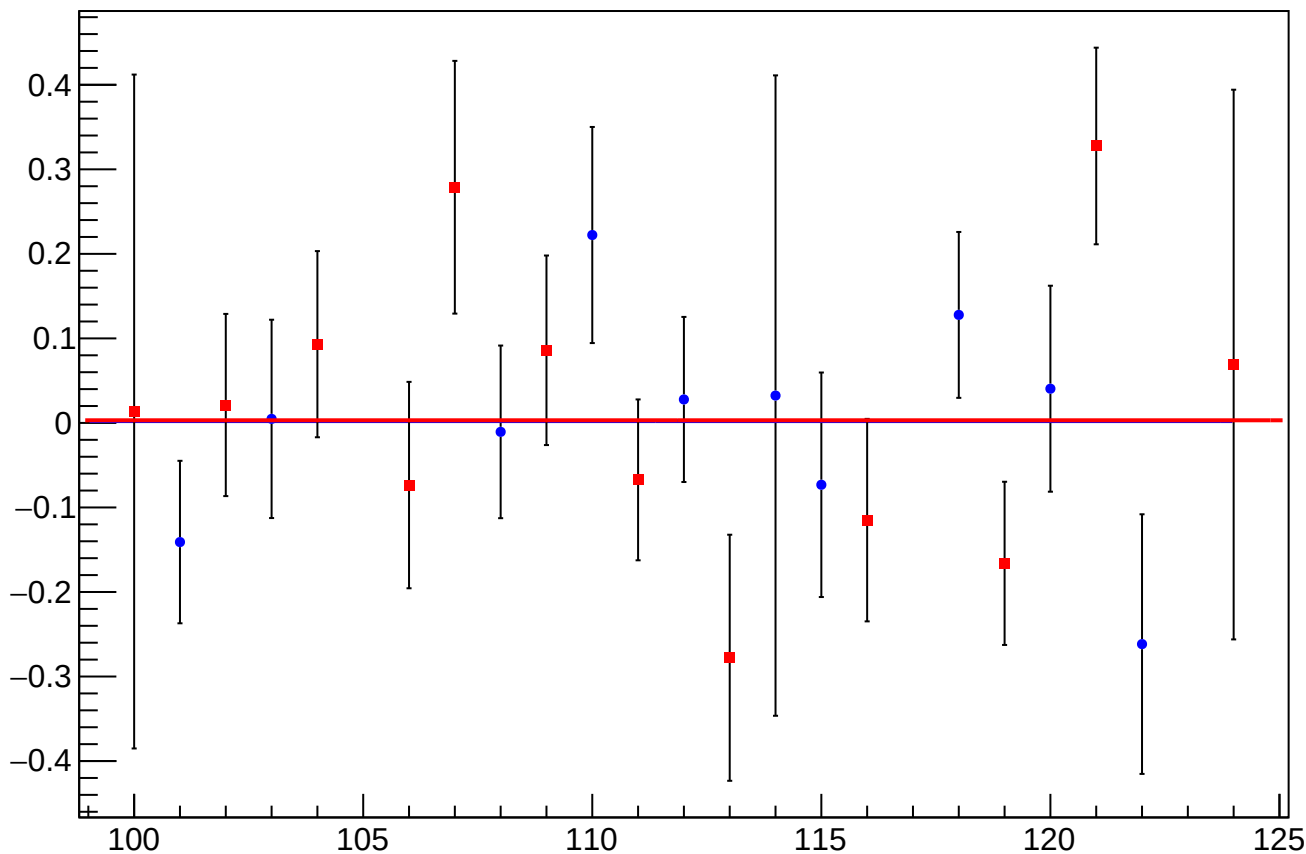
Right: 72.945+/-0.018 χ^2/NDF : 424030.4/21

In: 71.911+/-0.026 χ^2/NDF : 207263.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.945+/-0.018 χ^2/NDF : 424030.4/21

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.037 χ^2 /NDF: 10.3/9

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

Right Out: 0.003 $\pm$ 0.036 χ^2 /NDF: 21.2/11

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

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

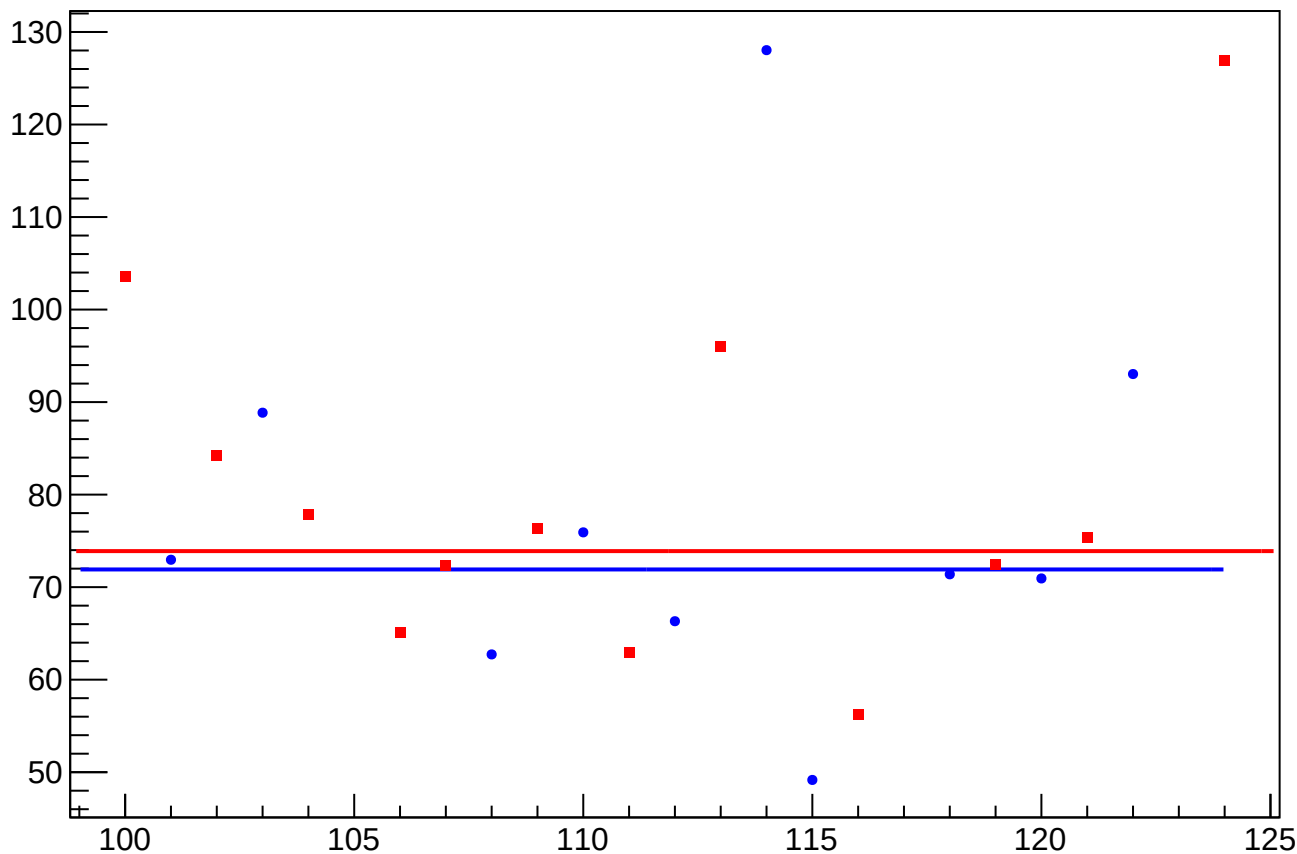
Right: 0.003 $\pm$ 0.026 χ^2 /NDF: 31.5/21

In: 0.002 $\pm$ 0.037 χ^2 /NDF:10.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.026 χ^2 /NDF: 31.5/21

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.911+/-0.026 χ^2/NDF : 207263.3/9

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

Right Out: 73.895+/-0.025 χ^2/NDF : 213812.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

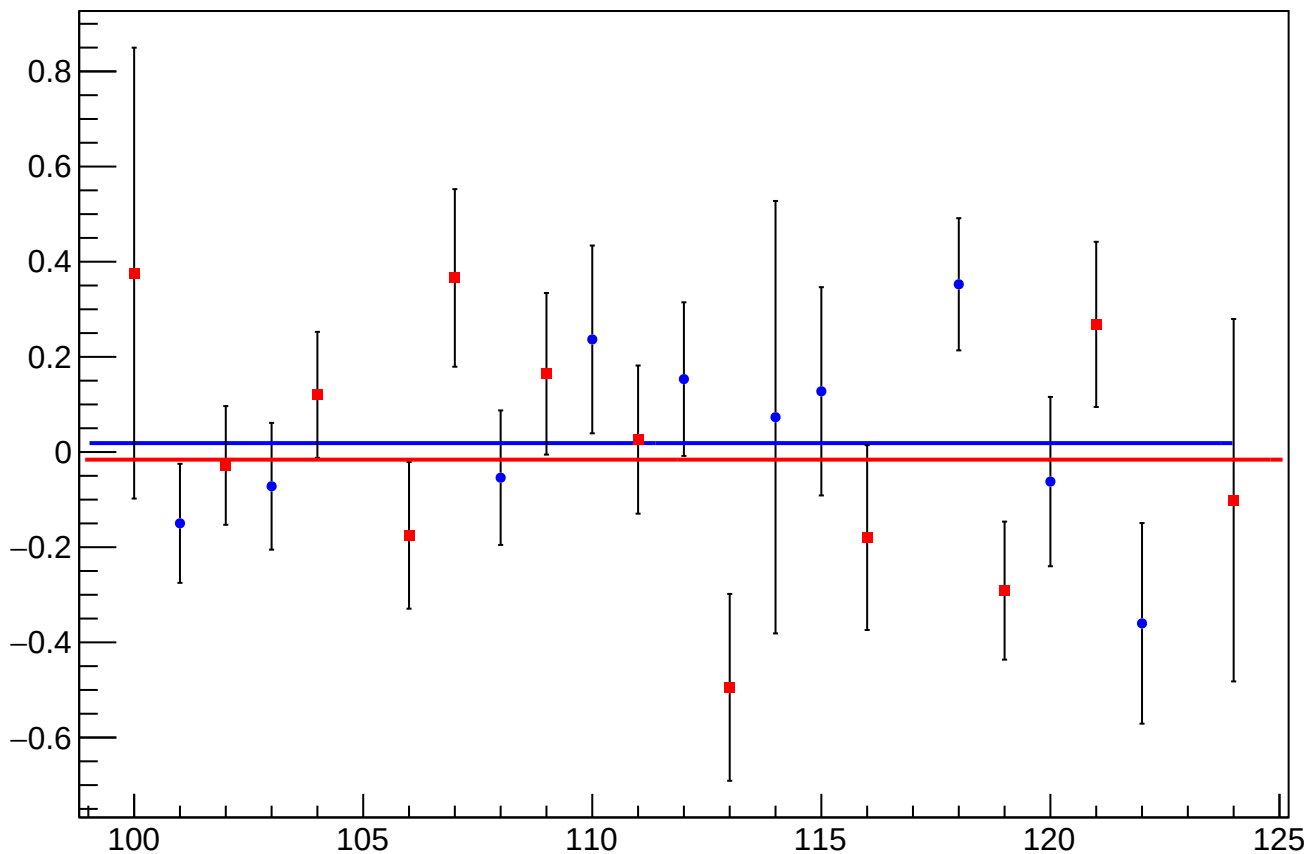
Right: 72.945+/-0.018 χ^2/NDF : 424030.4/21

In: 71.911+/-0.026 χ^2/NDF : 207263.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.945+/-0.018 χ^2/NDF : 424030.4/21

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.052 χ^2/NDF : 13.9/9

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

Right Out: -0.016+/-0.049 χ^2/NDF : 21.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

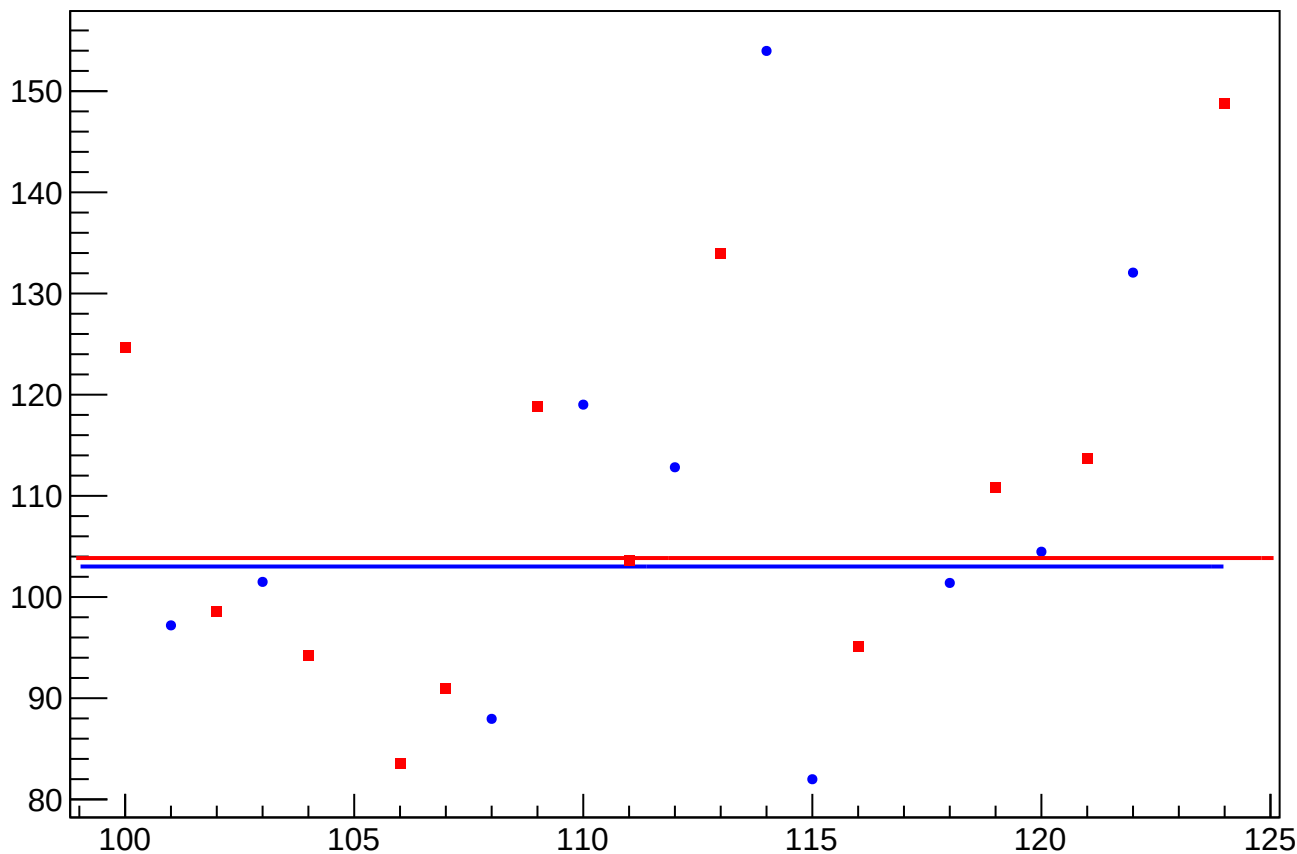
Right: 0.000+/-0.036 χ^2/NDF : 35.4/21

In: 0.019+/-0.052 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.036 χ^2/NDF : 35.4/21

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.017+/-0.037 χ^2/NDF : 129819.4/9

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

Right Out: 103.853+/-0.035 χ^2/NDF : 168212.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

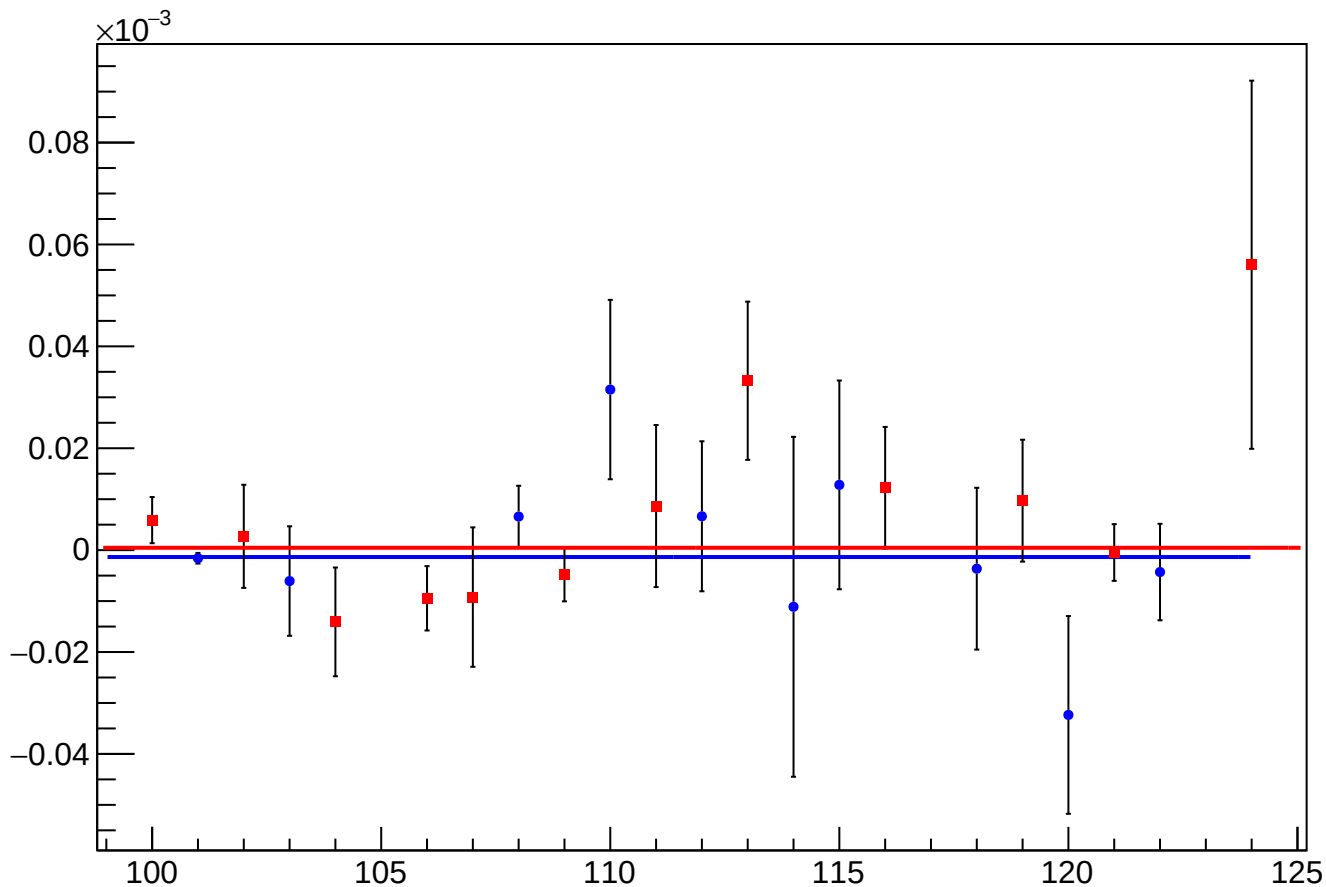
Right: 103.460+/-0.025 χ^2/NDF : 298303.5/21

In: 103.017+/-0.037 χ^2/NDF : 129819.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.460+/-0.025 χ^2/NDF : 298303.5/21

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.0/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 16.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

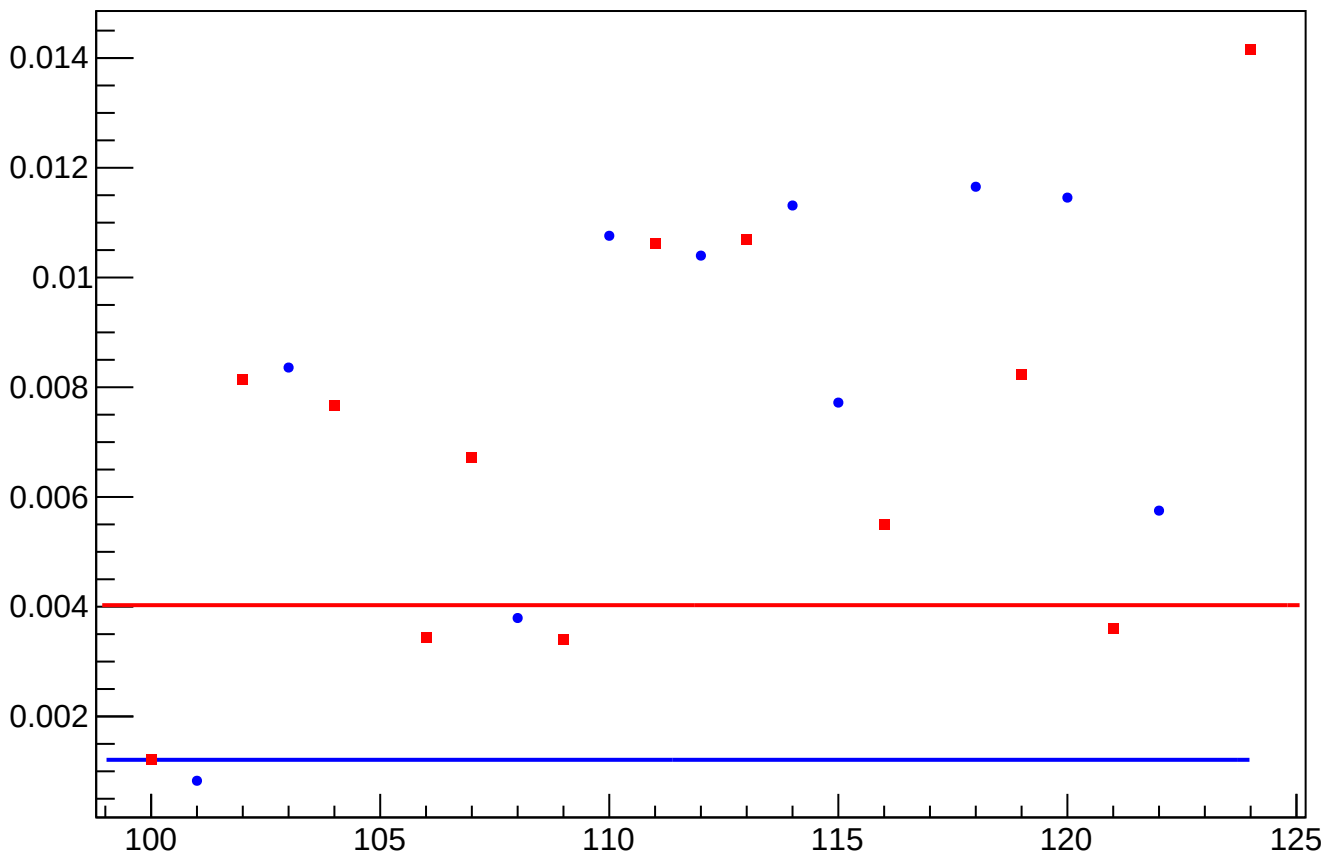
Right: -0.000+/-0.000 χ^2/NDF : 25.5/21

In: -0.000+/-0.000 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.5/21

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5153235.8/9

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

Right Out: 0.004+/-0.000 χ^2/NDF : 2613572.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

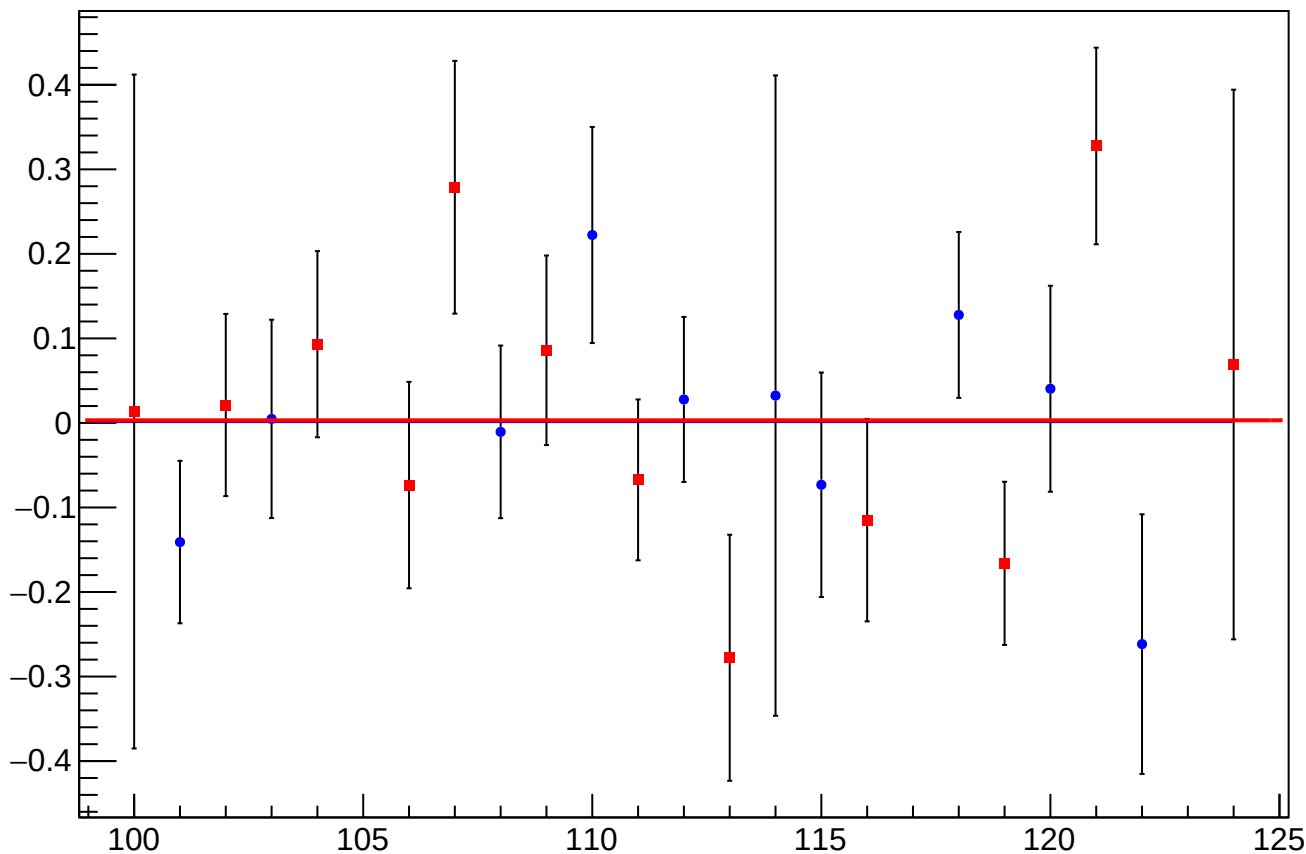
Right: 0.002+/-0.000 χ^2/NDF : 10278735.1/21

In: 0.001+/-0.000 χ^2/NDF :5153235.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10278735.1/21

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.037 χ^2 /NDF: 10.3/9

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

Right Out: 0.003 $\pm$ 0.036 χ^2 /NDF: 21.2/11

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

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

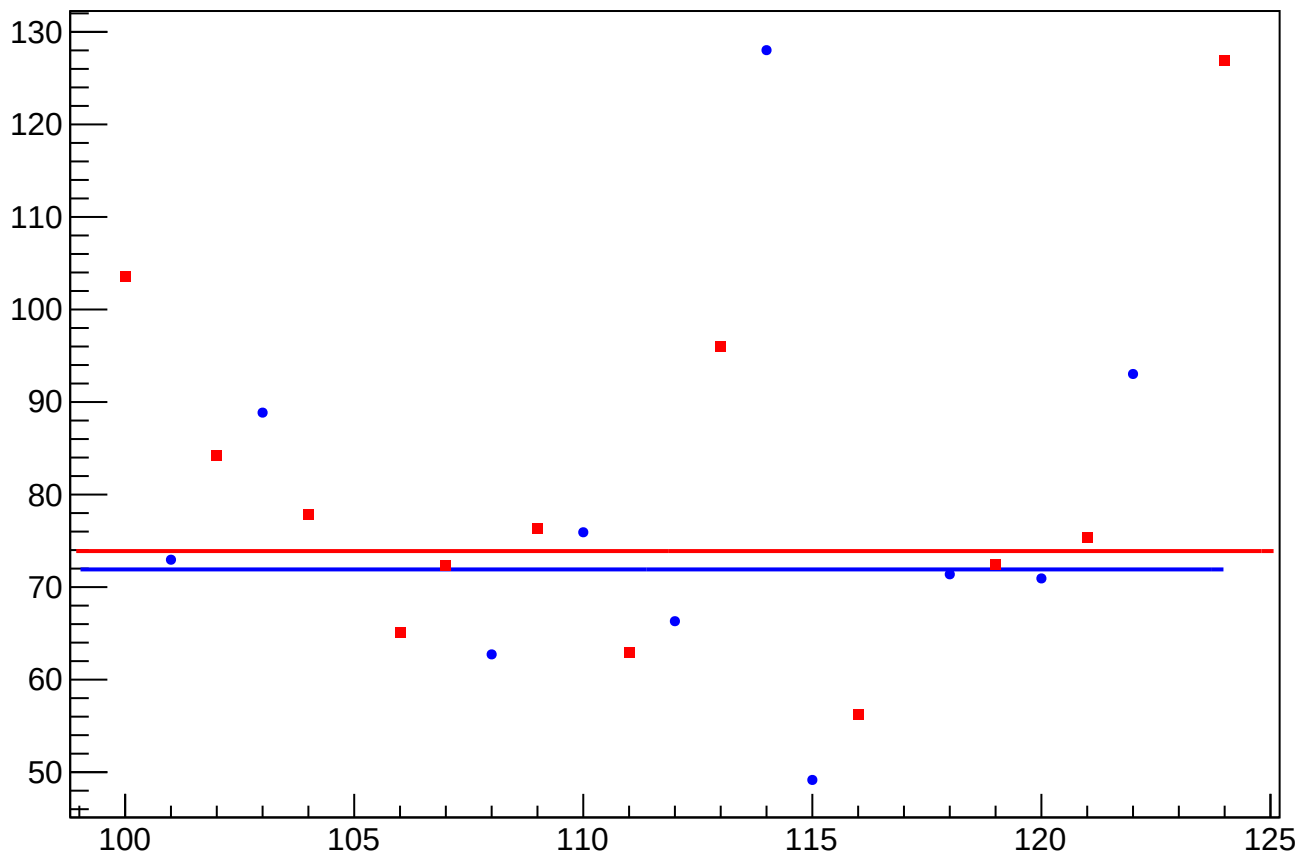
Right: 0.003 $\pm$ 0.026 χ^2 /NDF: 31.5/21

In: 0.002 $\pm$ 0.037 χ^2 /NDF:10.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.026 χ^2 /NDF: 31.5/21

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.910+/-0.026 χ^2/NDF : 207286.2/9

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

Right Out: 73.894+/-0.025 χ^2/NDF : 213799.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

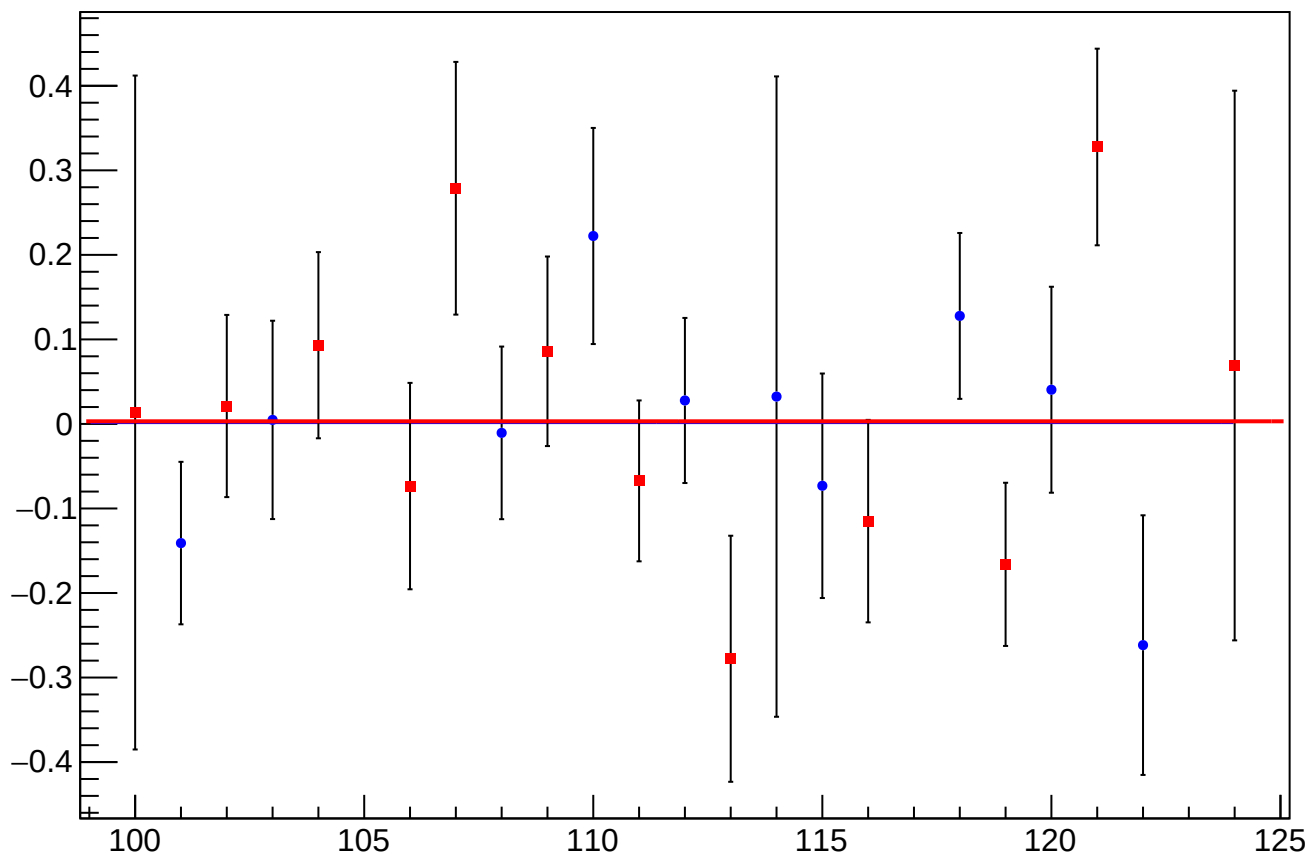
Right: 72.945+/-0.018 χ^2/NDF : 424041.0/21

In: 71.910+/-0.026 χ^2/NDF : 207286.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.945+/-0.018 χ^2/NDF : 424041.0/21

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.037 χ^2/NDF : 10.3/9

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

Right Out: 0.003+/-0.036 χ^2/NDF : 21.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

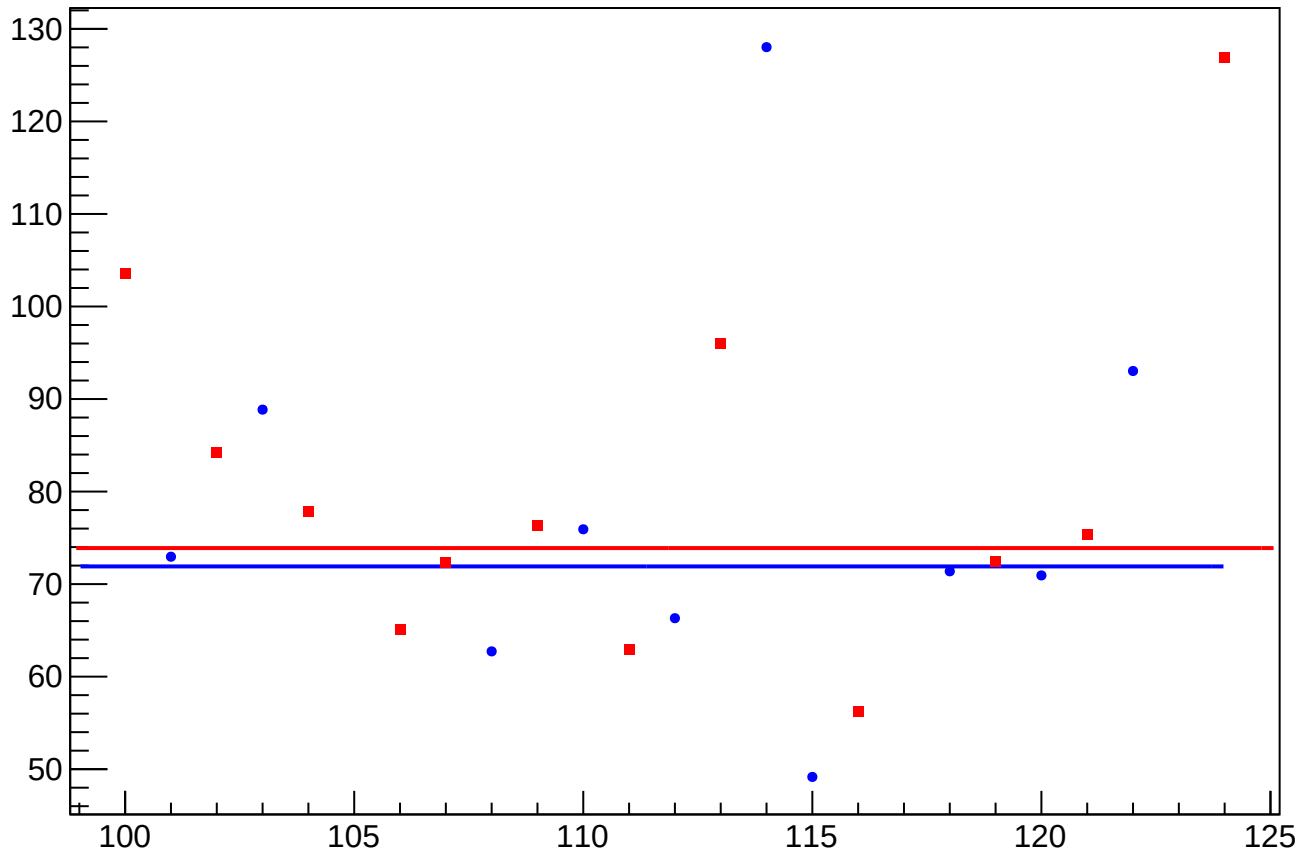
Right: 0.003+/-0.026 χ^2/NDF : 31.5/21

In: 0.002+/-0.037 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.026 χ^2/NDF : 31.5/21

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.910+/-0.026 χ^2/NDF : 207286.2/9

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

Right Out: 73.894+/-0.025 χ^2/NDF : 213799.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

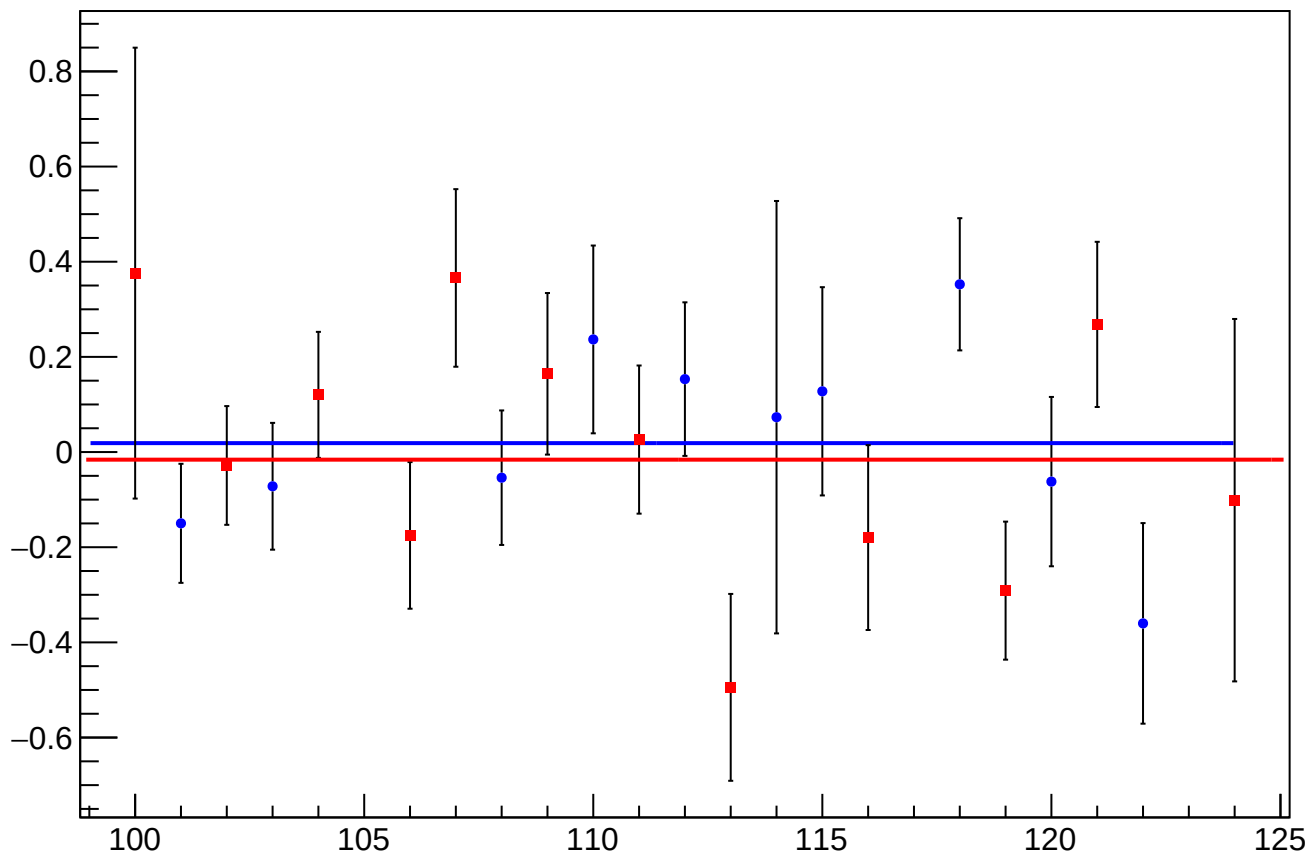
Right: 72.945+/-0.018 χ^2/NDF : 424041.0/21

In: 71.910+/-0.026 χ^2/NDF : 207286.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.945+/-0.018 χ^2/NDF : 424041.0/21

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.052 χ^2/NDF : 13.9/9

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

Right Out: -0.016+/-0.049 χ^2/NDF : 21.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

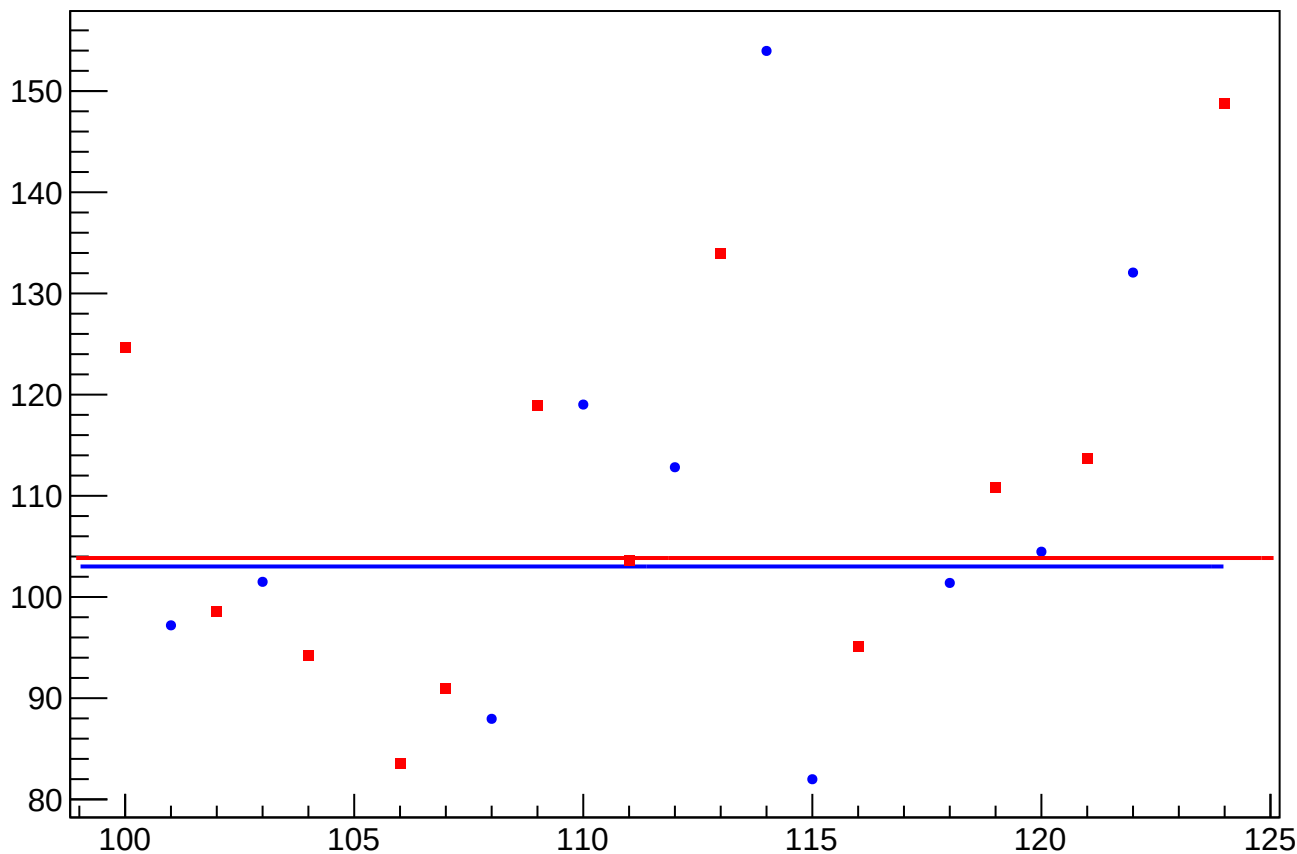
Right: 0.000+/-0.036 χ^2/NDF : 35.4/21

In: 0.019+/-0.052 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.036 χ^2/NDF : 35.4/21

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.016+/-0.037 χ^2/NDF : 129815.4/9

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

Right Out: 103.853+/-0.035 χ^2/NDF : 168187.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

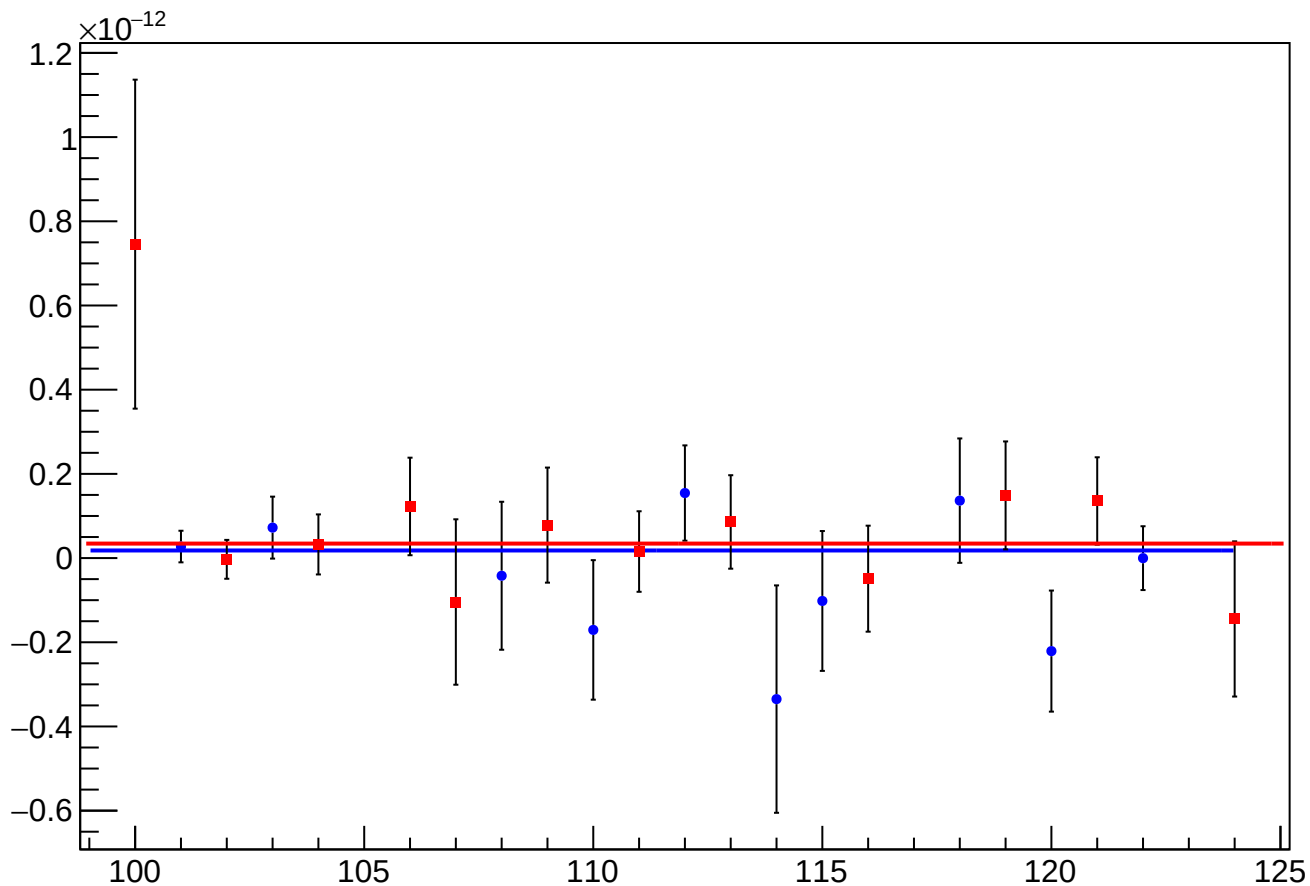
Right: 103.459+/-0.025 χ^2/NDF : 298274.7/21

In: 103.016+/-0.037 χ^2/NDF :129815.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 103.459+/-0.025 χ^2/NDF : 298274.7/21

asym_usr_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 : 8.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

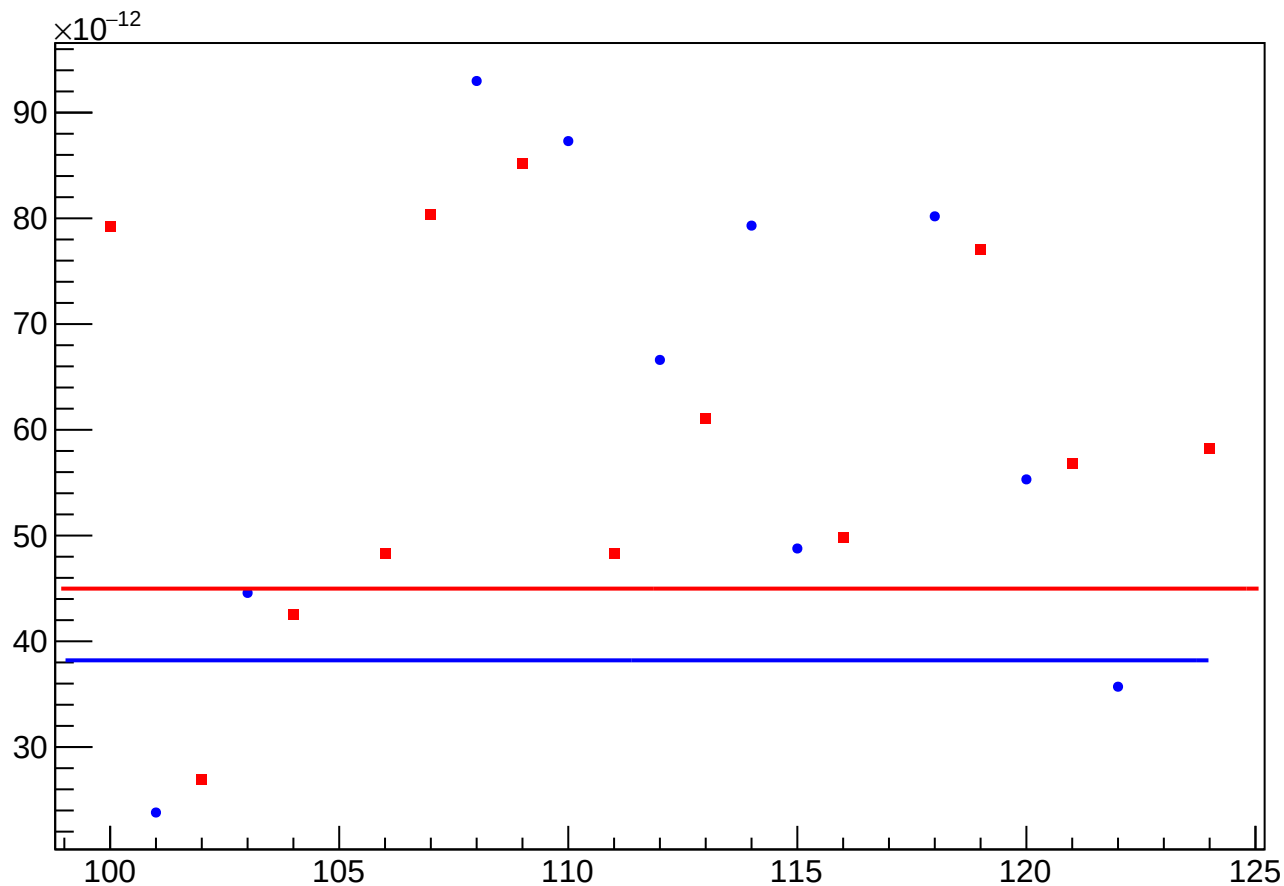
Right: 0.000+/-0.000 χ^2/NDF : 17.9/21

In: 0.000+/-0.000 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.9/21

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1051727.6/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 771193.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

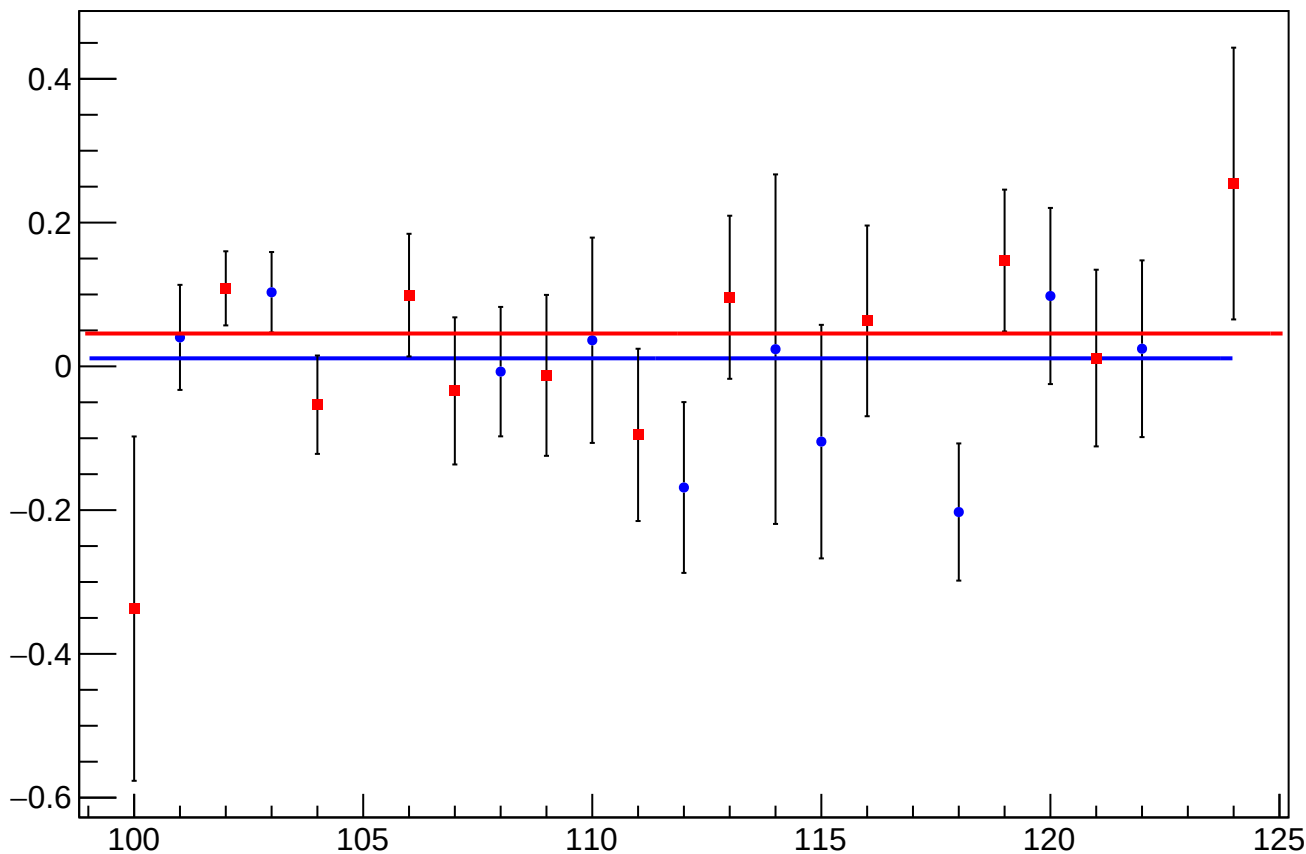
Right: 0.000+/-0.000 χ^2/NDF : 1883181.0/21

In: 0.000+/-0.000 χ^2/NDF : 1051727.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1883181.0/21

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.031 χ^2/NDF : 11.3/9

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

Right Out: 0.046+/-0.028 χ^2/NDF : 11.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

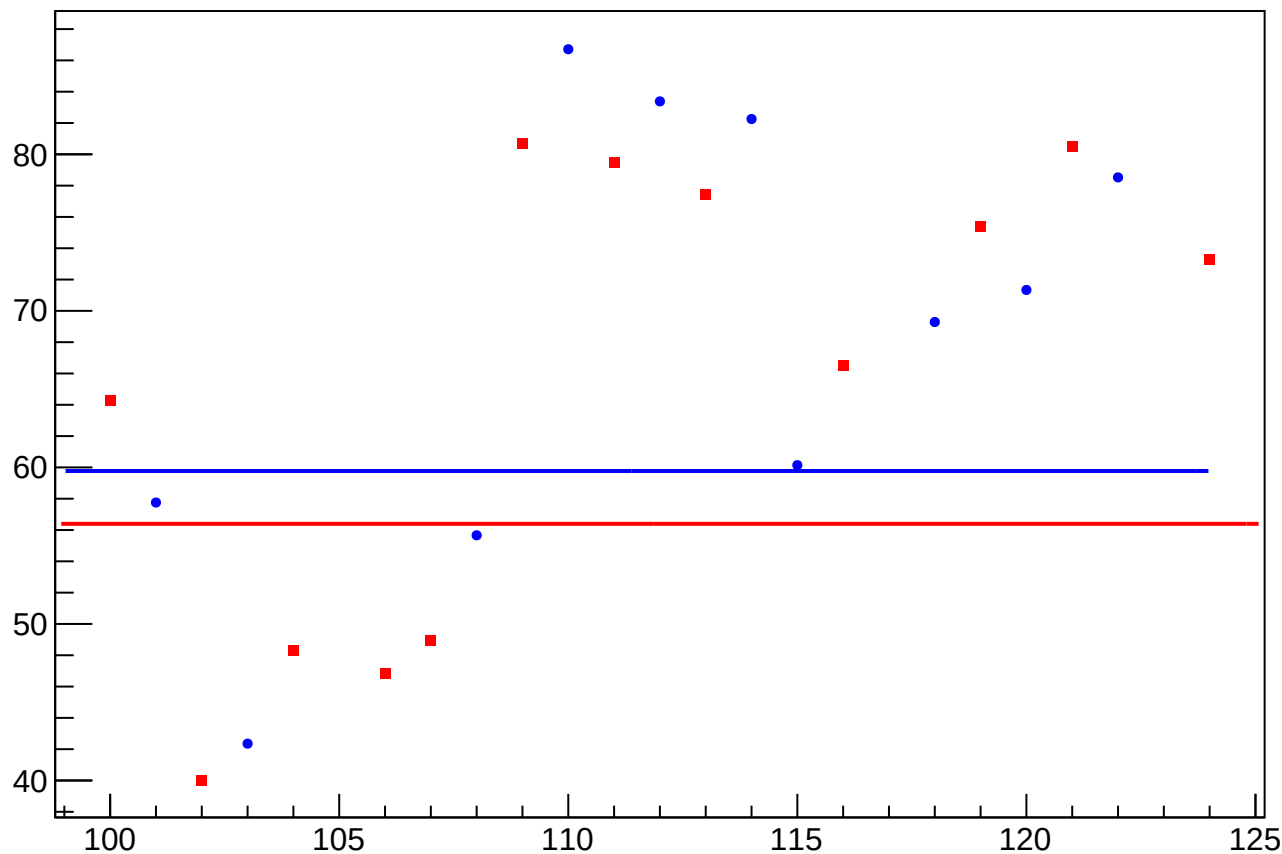
Right: 0.030+/-0.021 χ^2/NDF : 23.3/21

In: 0.011+/-0.031 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.021 χ^2/NDF : 23.3/21

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.772+/-0.022 χ^2/NDF : 450895.8/9

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

Right Out: 56.396+/-0.019 χ^2/NDF : 683493.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

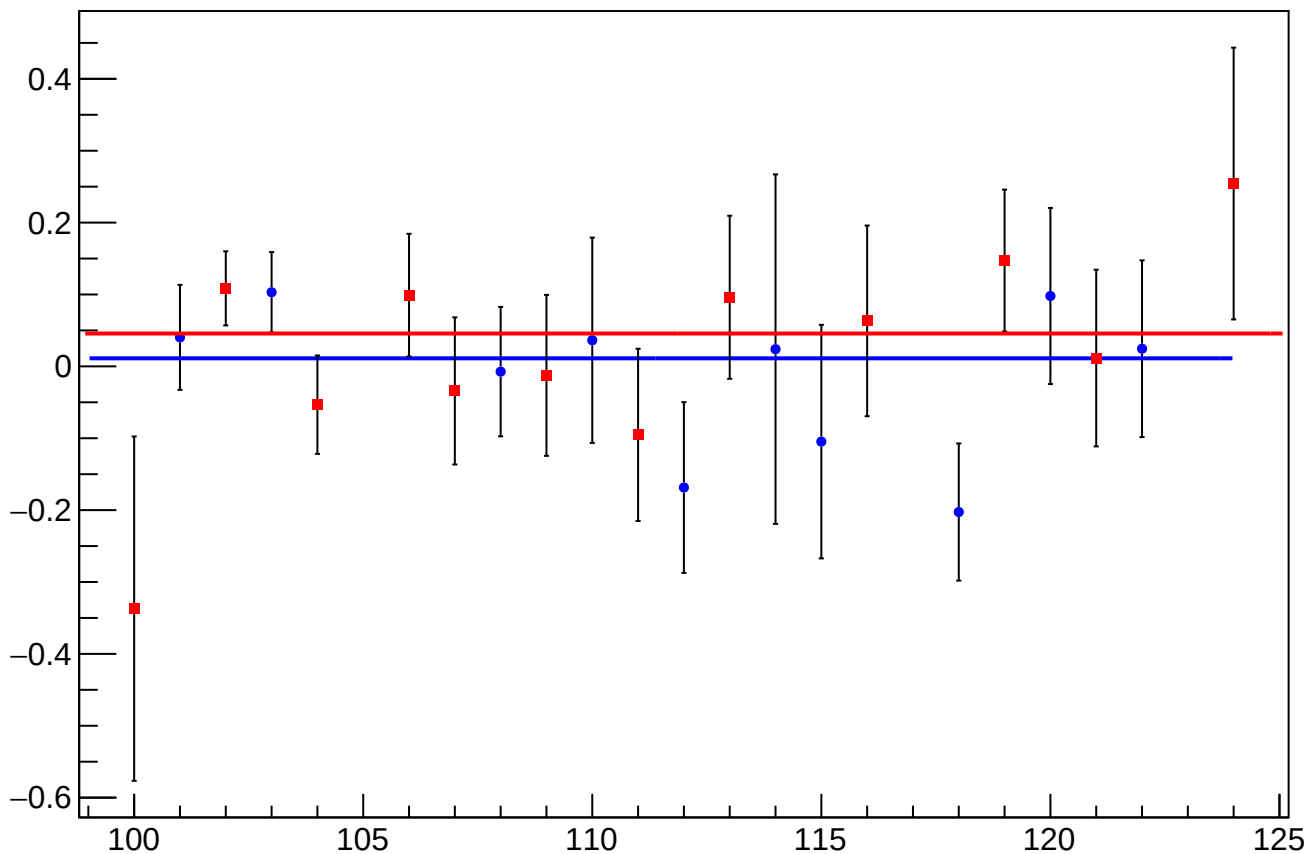
Right: 57.889+/-0.015 χ^2/NDF : 1147700.8/21

In: 59.772+/-0.022 χ^2/NDF : 450895.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.889+/-0.015 χ^2/NDF : 1147700.8/21

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.031 χ^2 /NDF: 11.3/9

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

Right Out: 0.046 $\pm$ 0.028 χ^2 /NDF: 11.4/11

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

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

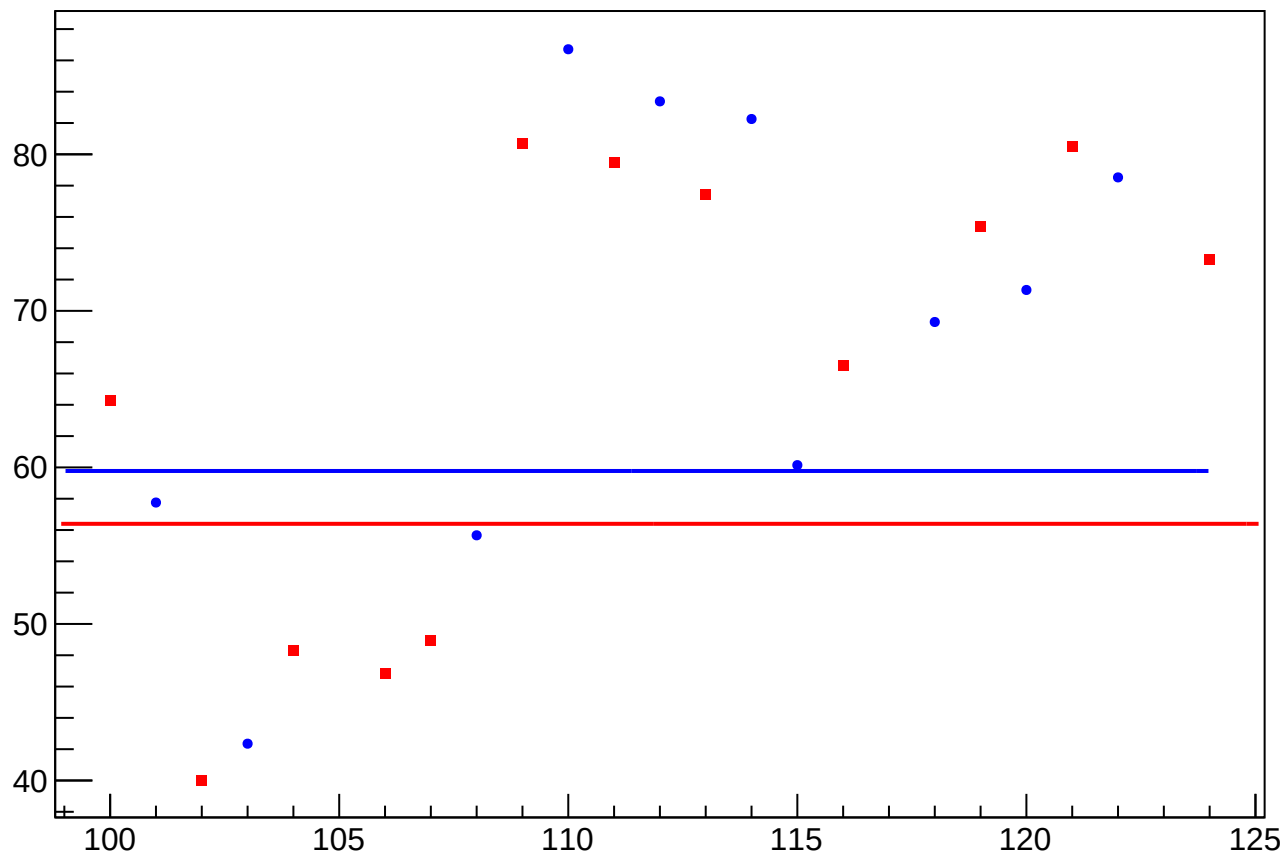
Right: 0.030 $\pm$ 0.021 χ^2 /NDF: 23.3/21

In: 0.011 $\pm$ 0.031 χ^2 /NDF:11.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.030 $\pm$ 0.021 χ^2 /NDF: 23.3/21

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.772+/-0.022 χ^2 /NDF: 450895.8/9

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

Right Out: 56.396+/-0.019 χ^2 /NDF: 683493.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

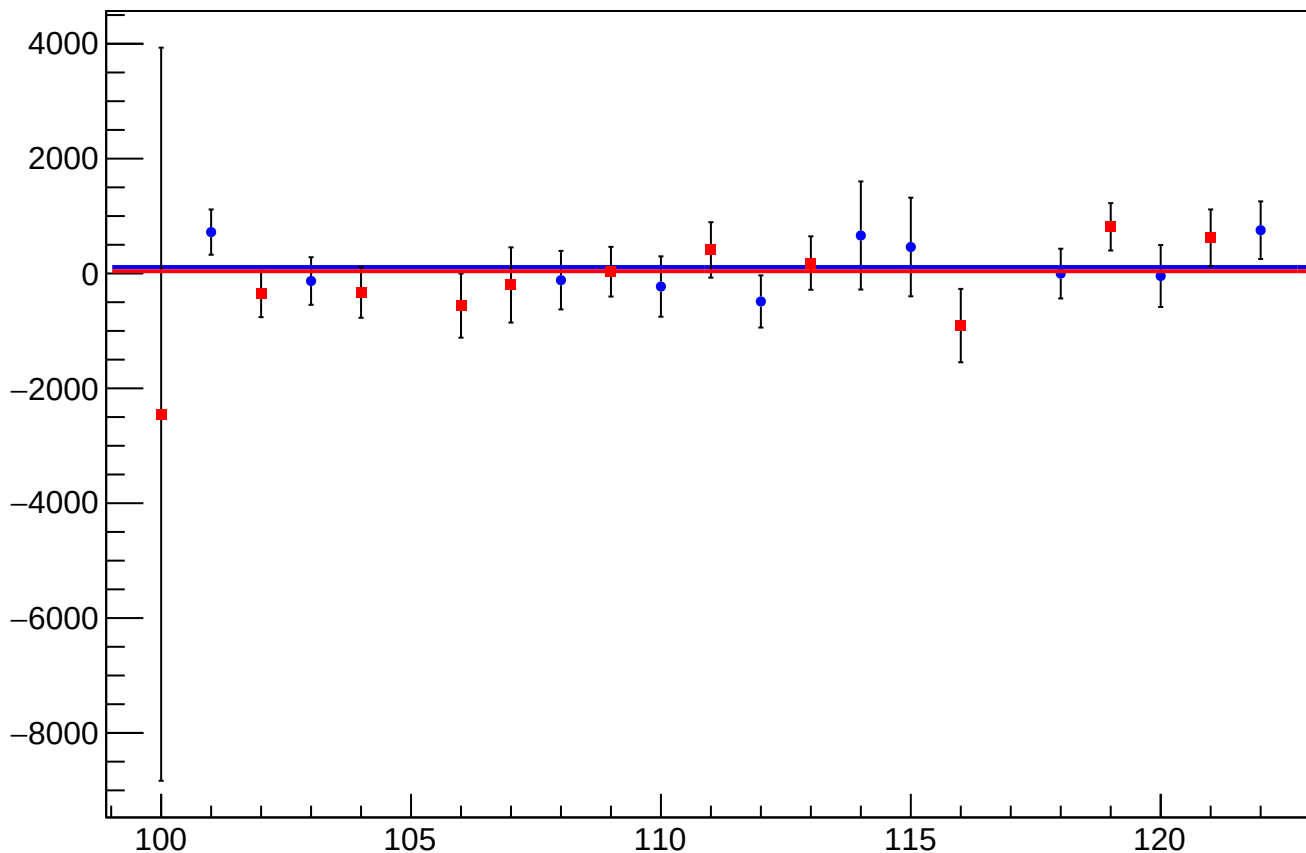
Right: 57.889+/-0.015 χ^2 /NDF: 1147700.8/21

In: 59.772+/-0.022 χ^2 /NDF:450895.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 57.889+/-0.015 χ^2 /NDF: 1147700.8/21

asym_dsl_mean vs Slug, Sign Corrected



Right In: 111.846+/-158.508 χ^2/NDF : 7.4/9

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

Right Out: 39.719+/-151.718 χ^2/NDF : 10.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

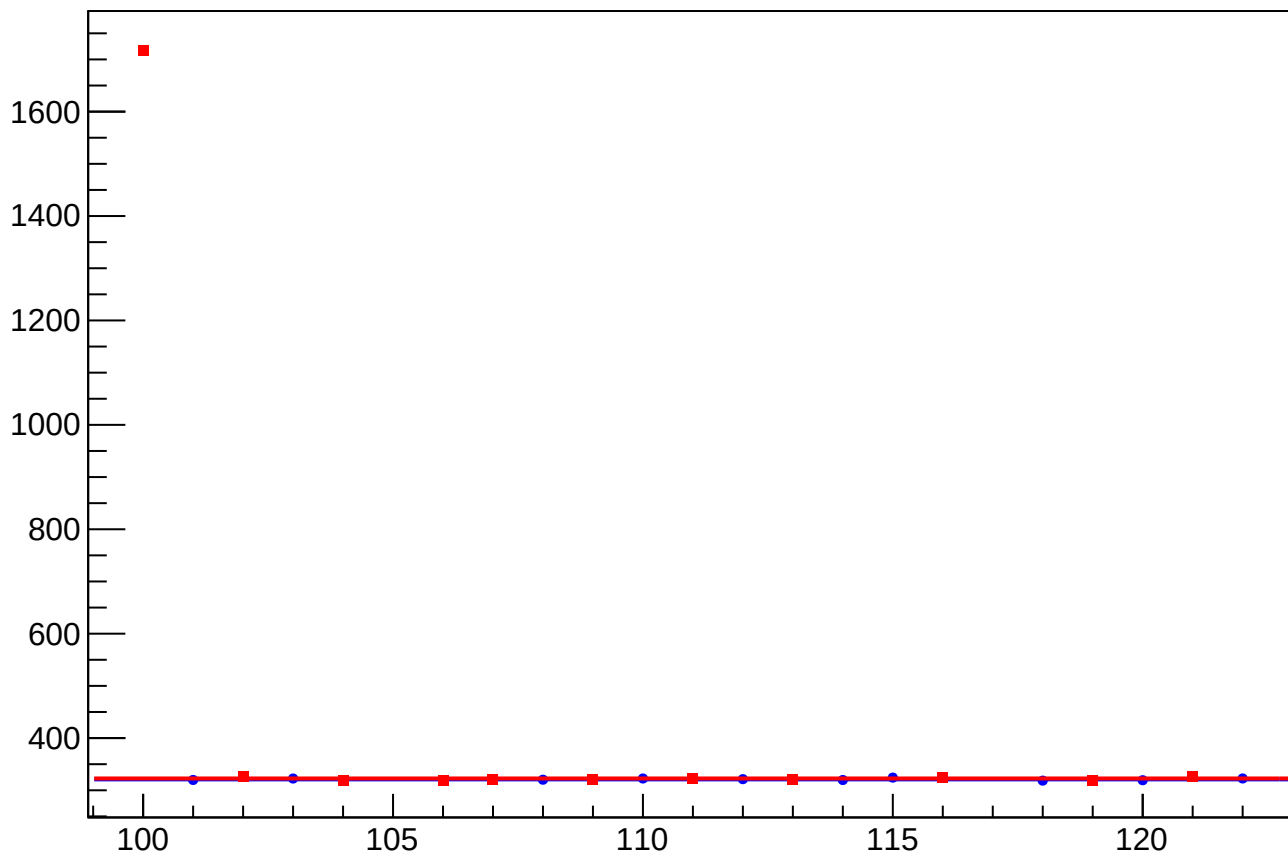
Right: 74.205+/-109.603 χ^2/NDF : 18.4/20

In: 111.846+/-158.508 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.205+/-109.603 χ^2/NDF : 18.4/20

asym_dsl_rms vs Slug, Sign Corrected



Right In: 320.900+/-0.112 χ^2/NDF : 209.0/9

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

Right Out: 322.656+/-0.107 χ^2/NDF : 96486.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

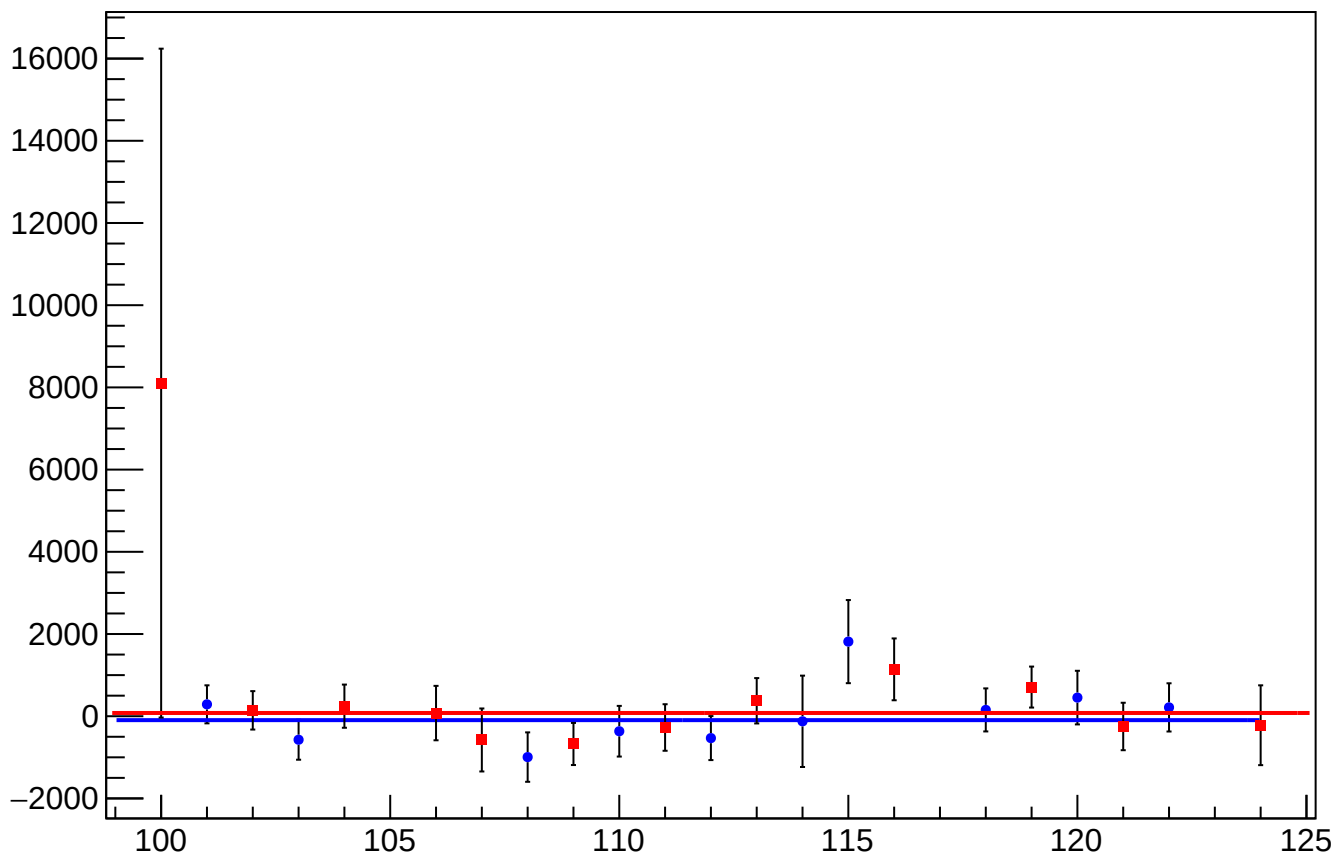
Right: 321.816+/-0.078 χ^2/NDF : 96823.7/20

In: 320.900+/-0.112 χ^2/NDF : 209.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.816+/-0.078 χ^2/NDF : 96823.7/20

asym_dsr_mean vs Slug, Sign Corrected



Right In: -95.522 ± 187.370 χ^2/NDF : 9.5/9

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

Right Out: 78.835 ± 176.045 χ^2/NDF : 8.7/11

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

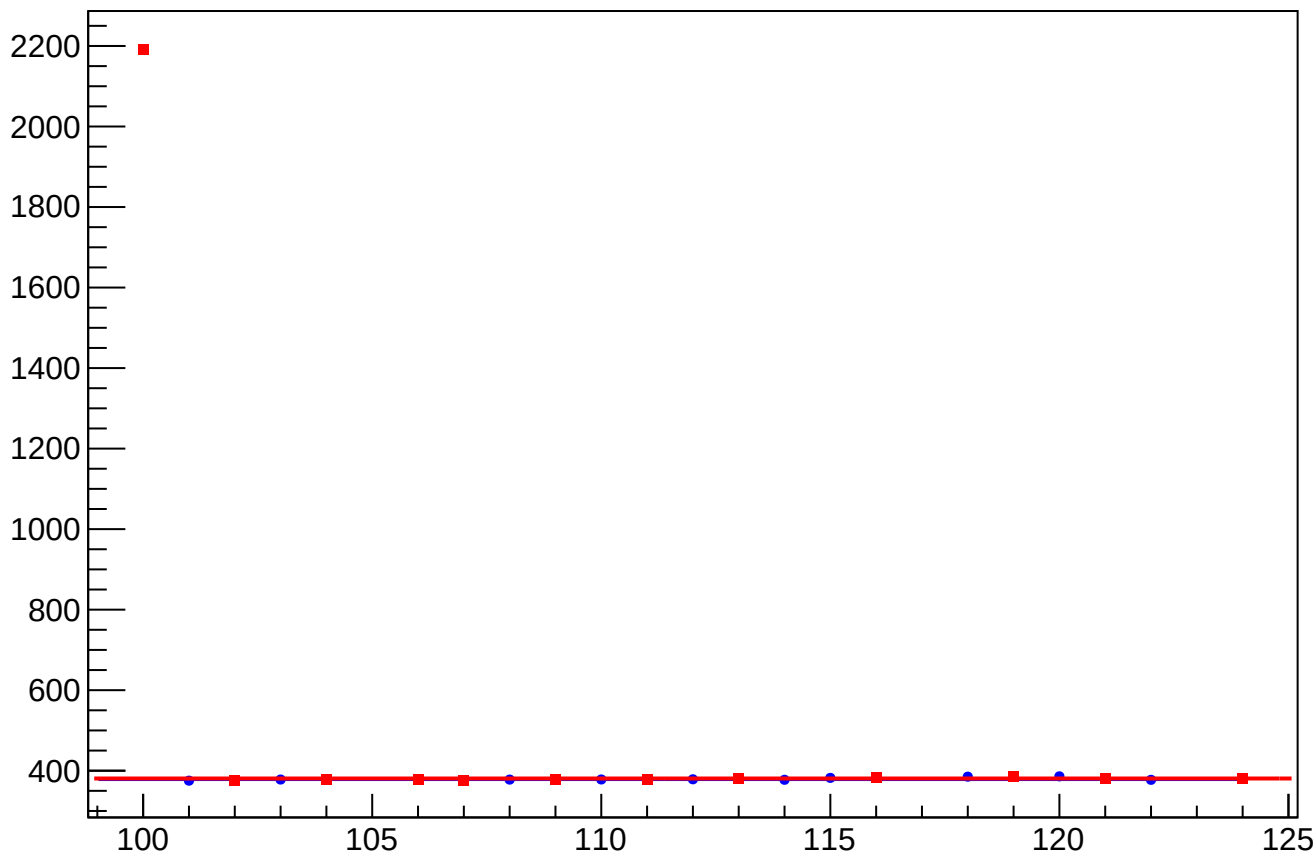
Right: -2.916 ± 128.300 χ^2/NDF : 18.7/21

In: -95.522 ± 187.370 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.916 ± 128.300 χ^2/NDF : 18.7/21

asym_dsr_rms vs Slug, Sign Corrected



Right In: 379.296+/-0.132 χ^2/NDF : 692.5/9

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

Right Out: 380.638+/-0.124 χ^2/NDF : 99388.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

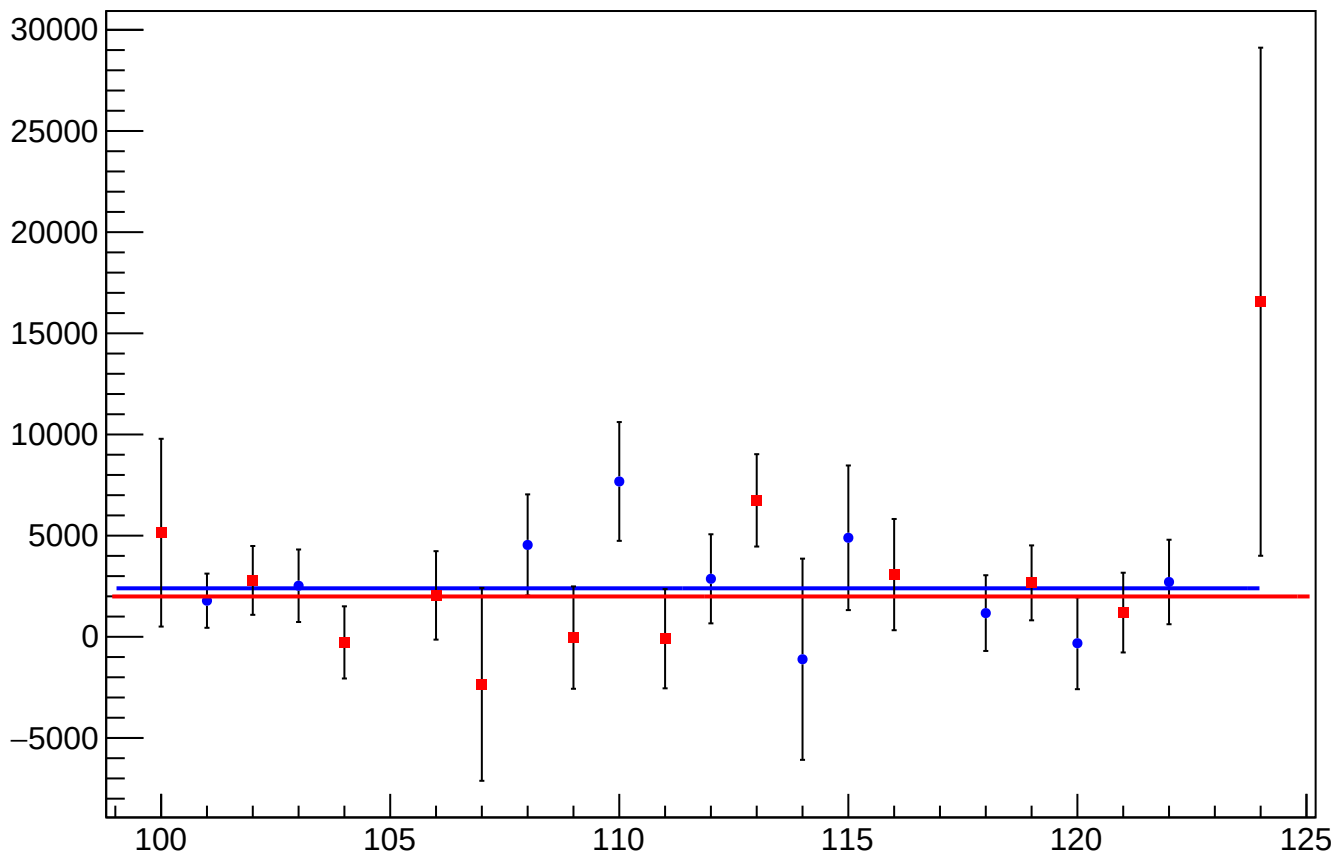
Right: 380.009+/-0.091 χ^2/NDF : 100135.1/21

In: 379.296+/-0.132 χ^2/NDF : 692.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.009+/-0.091 χ^2/NDF : 100135.1/21

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2397.268+/-677.552 χ^2/NDF : 7.1/9

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

Right Out: 1993.941+/-680.083 χ^2/NDF : 10.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

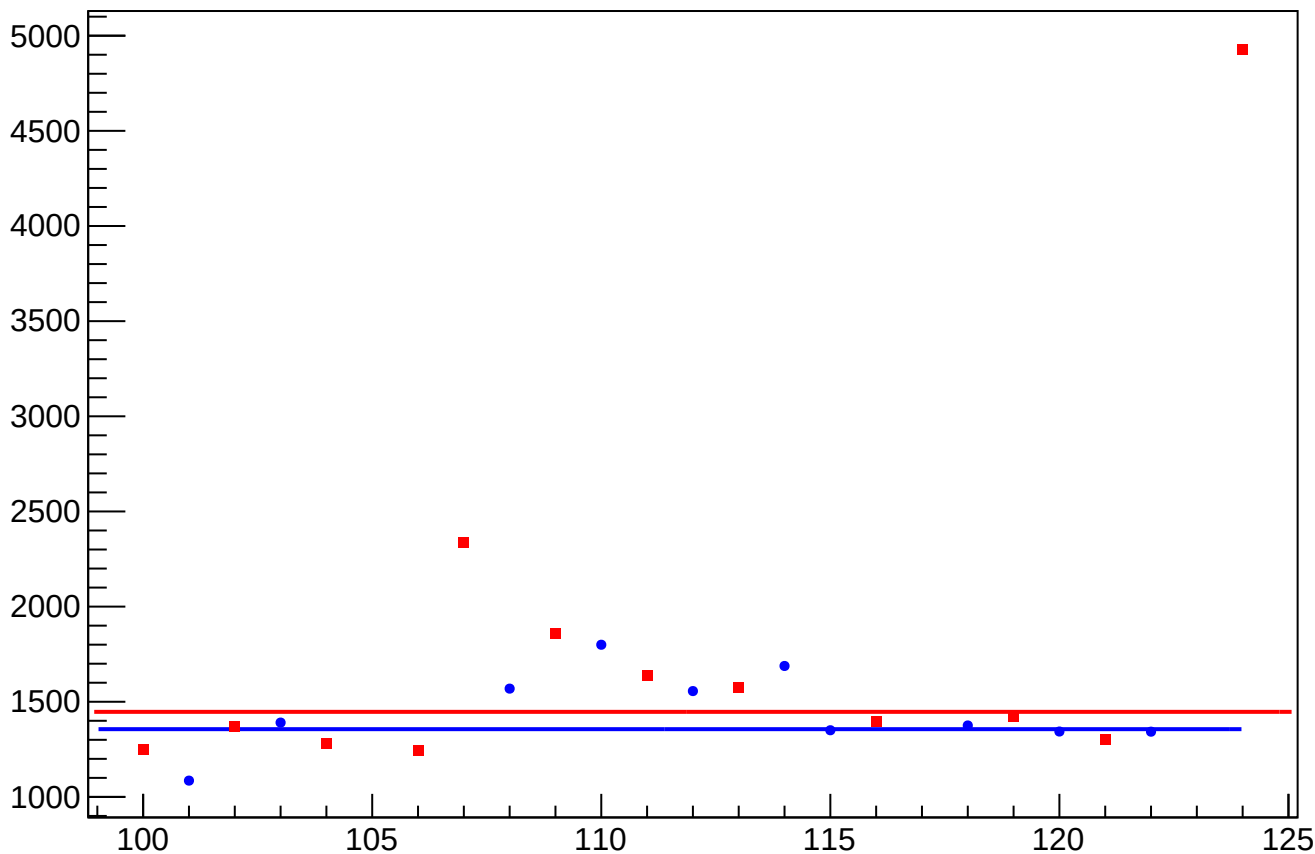
Right: 2196.357+/-479.994 χ^2/NDF : 17.9/21

In: 2397.268+/-677.552 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2196.357+/-479.994 χ^2/NDF : 17.9/21

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1355.989+/-0.479 χ^2/NDF : 168259.6/9

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

Right Out: 1447.009+/-0.481 χ^2/NDF : 349610.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

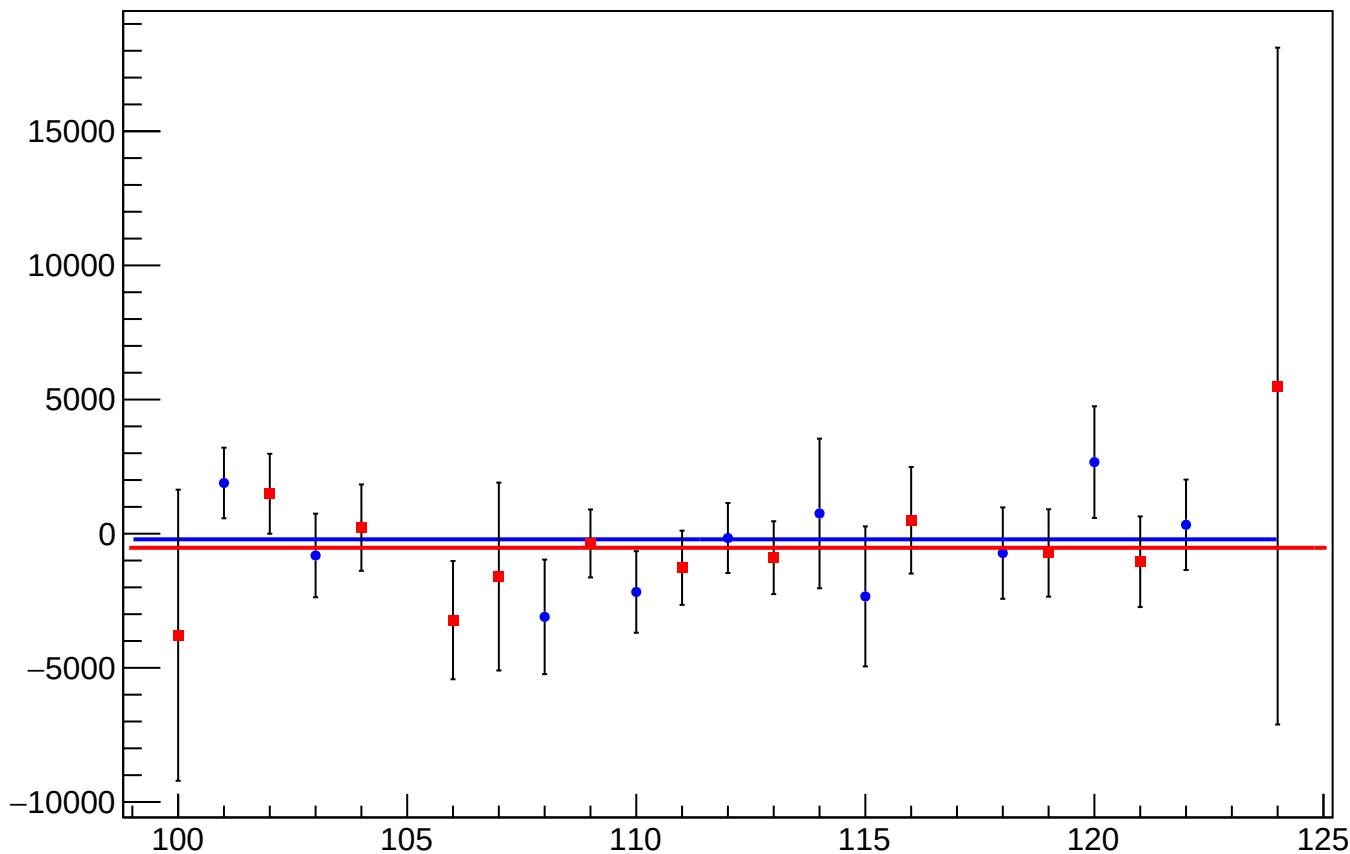
Right: 1401.329+/-0.339 χ^2/NDF : 535849.8/21

In: 1355.989+/-0.479 χ^2/NDF : 168259.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.329+/-0.339 χ^2/NDF : 535849.8/21

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -209.759+/-539.706 χ^2/NDF : 9.1/9

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

Right Out: -525.567+/-510.731 χ^2/NDF : 5.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

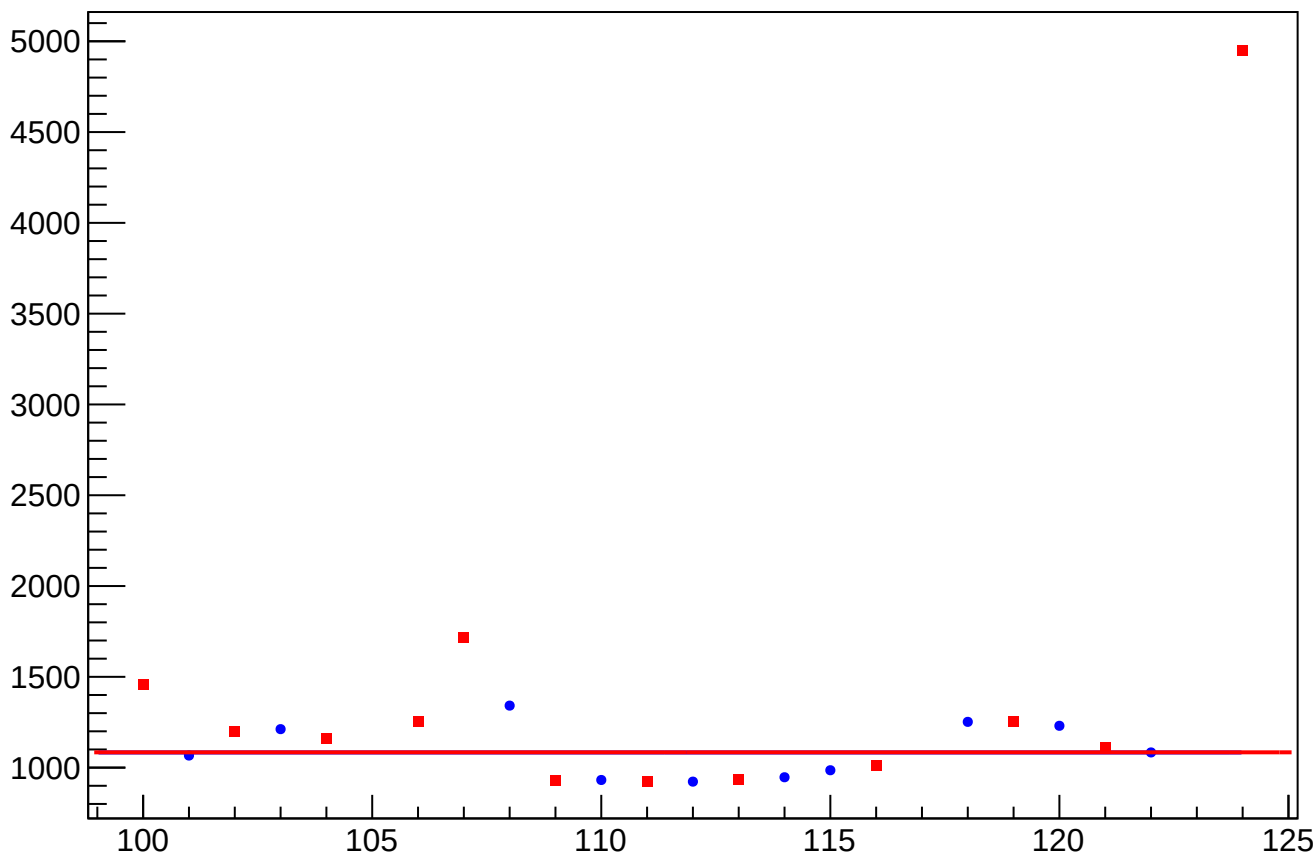
Right: -376.368+/-370.962 χ^2/NDF : 14.2/21

In: -209.759+/-539.706 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -376.368+/-370.962 χ^2/NDF : 14.2/21

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1083.445+/-0.382 χ^2/NDF : 130488.6/9

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

Right Out: 1084.270+/-0.361 χ^2/NDF : 397202.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

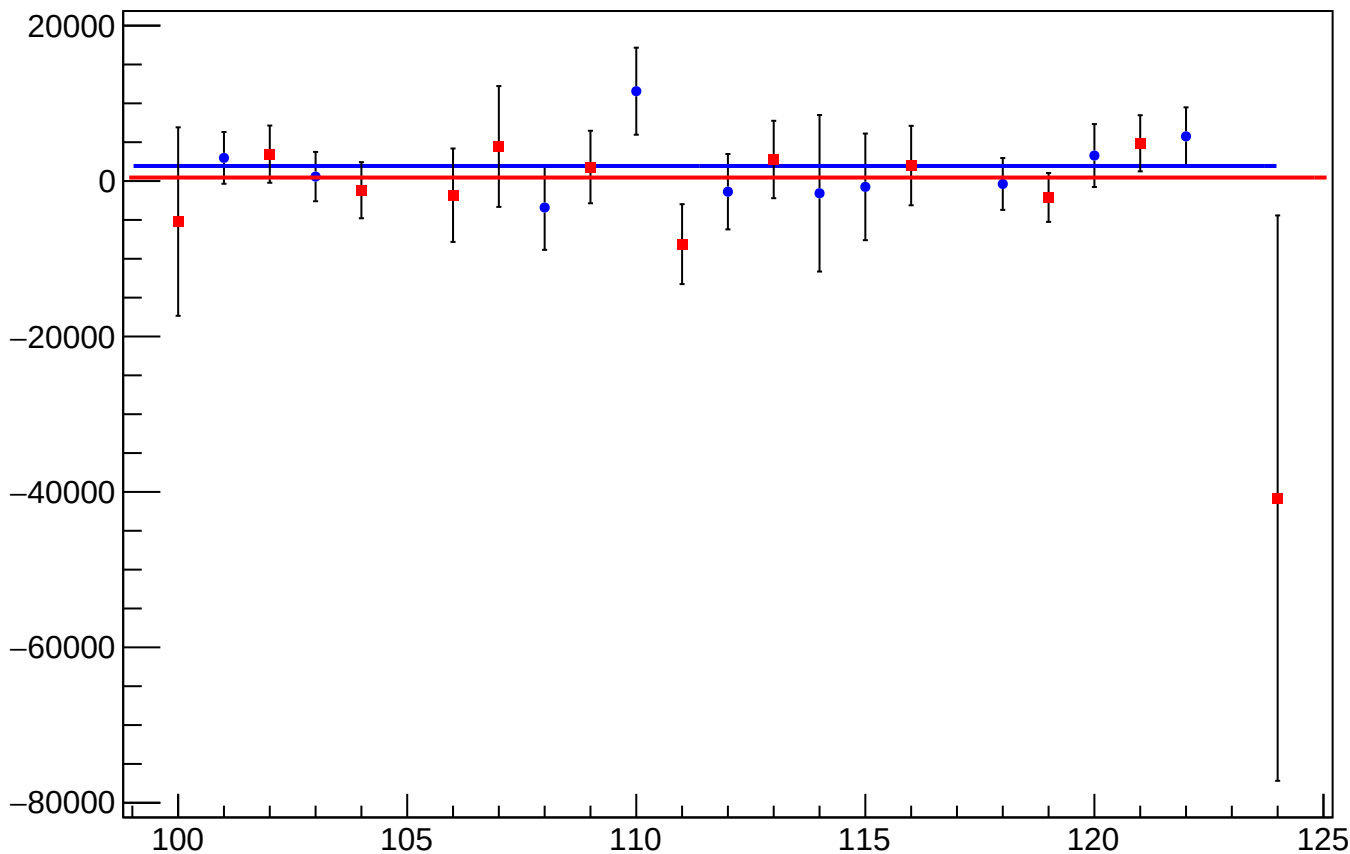
Right: 1083.880+/-0.262 χ^2/NDF : 527693.7/21

In: 1083.445+/-0.382 χ^2/NDF : 130488.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.880+/-0.262 χ^2/NDF : 527693.7/21

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1941.280+/-1346.959 χ^2/NDF : 6.6/9

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

Right Out: 454.087+/-1357.559 χ^2/NDF : 8.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

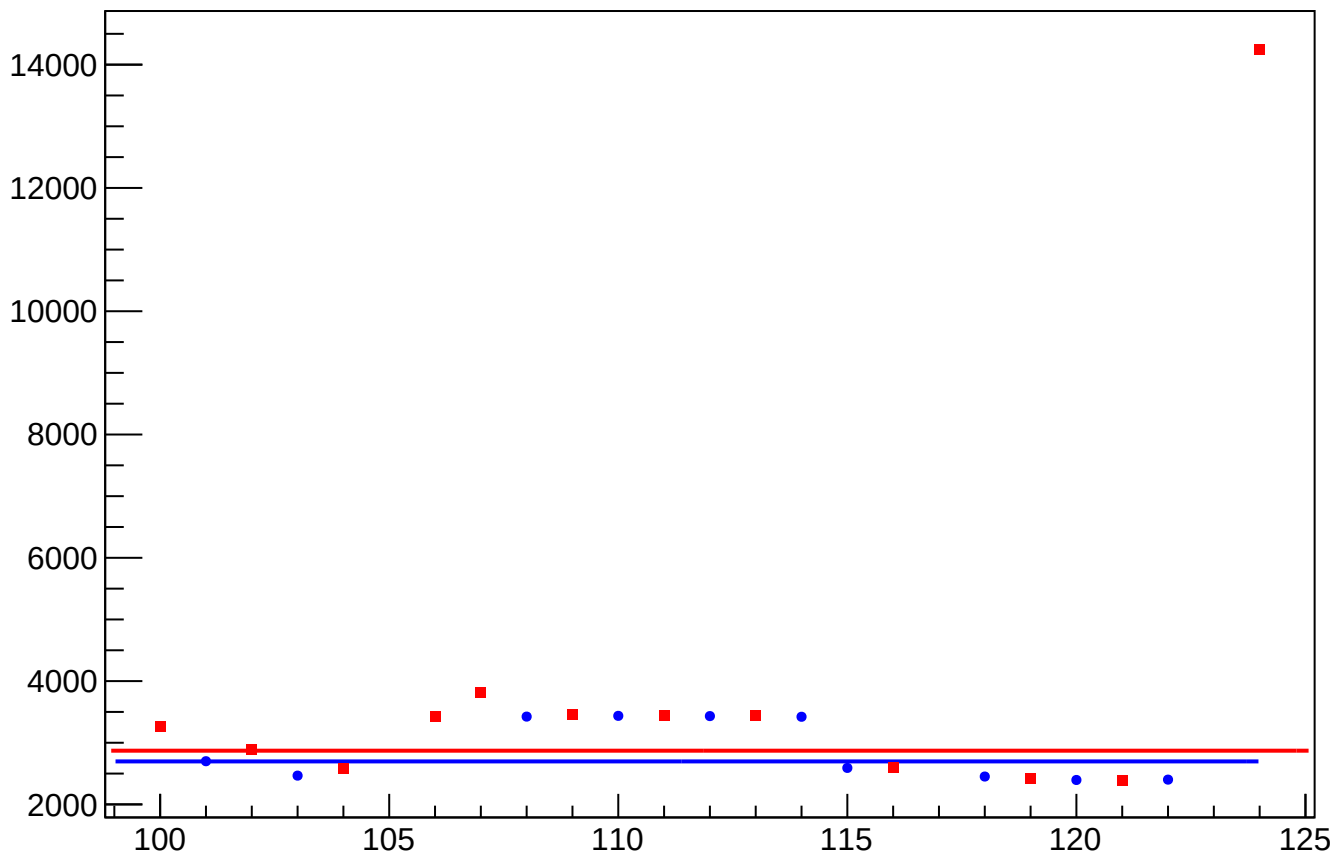
Right: 1203.512+/-956.169 χ^2/NDF : 15.3/21

In: 1941.280+/-1346.959 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1203.512+/-956.169 χ^2/NDF : 15.3/21

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2697.279+/-0.952 χ^2/NDF : 172150.8/9

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

Right Out: 2871.181+/-0.960 χ^2/NDF : 419722.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

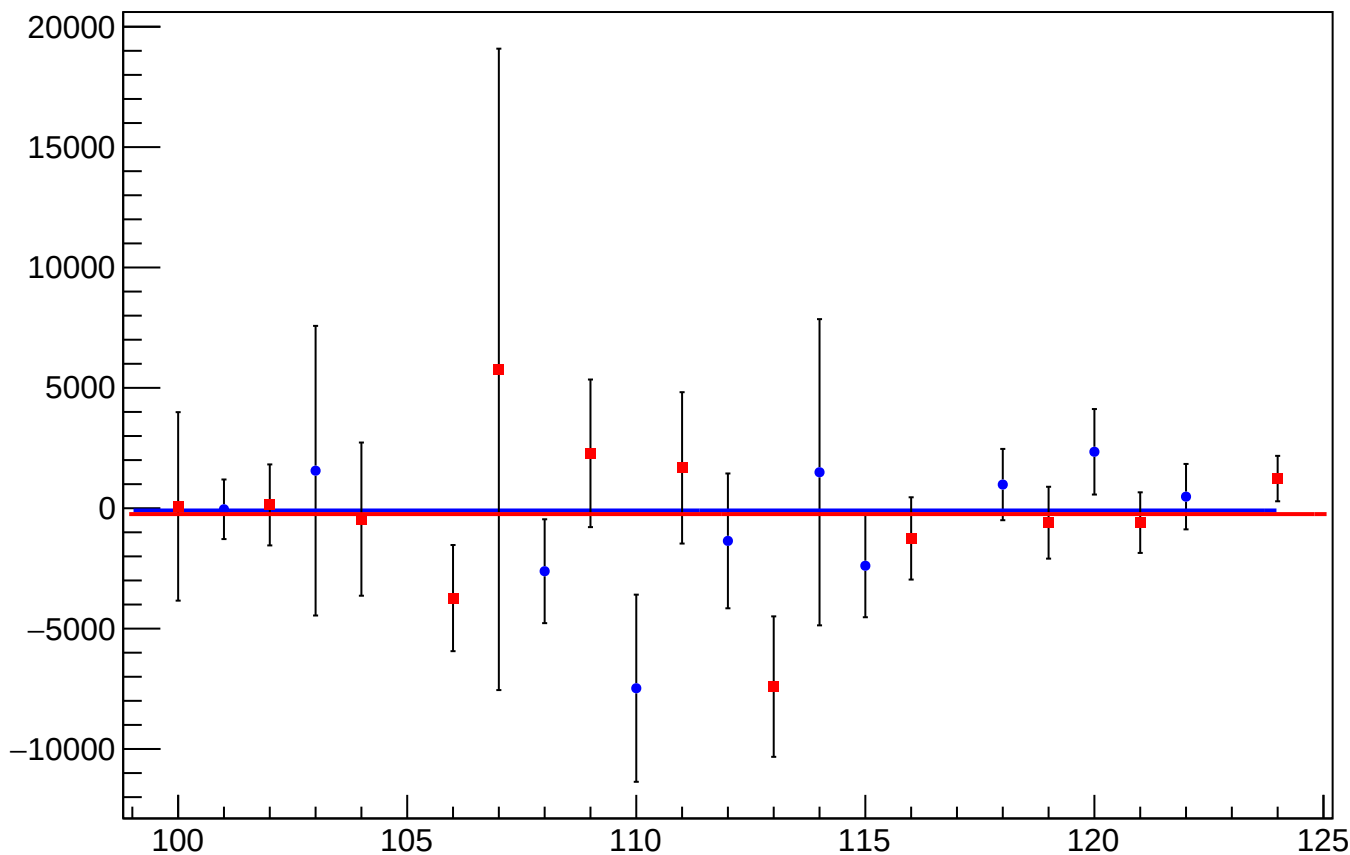
Right: 2783.548+/-0.676 χ^2/NDF : 608411.2/21

In: 2697.279+/-0.952 χ^2/NDF : 172150.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2783.548+/-0.676 χ^2/NDF : 608411.2/21

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -93.588+/-614.555 χ^2/NDF : 9.1/9

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

Right Out: -243.437+/-527.097 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

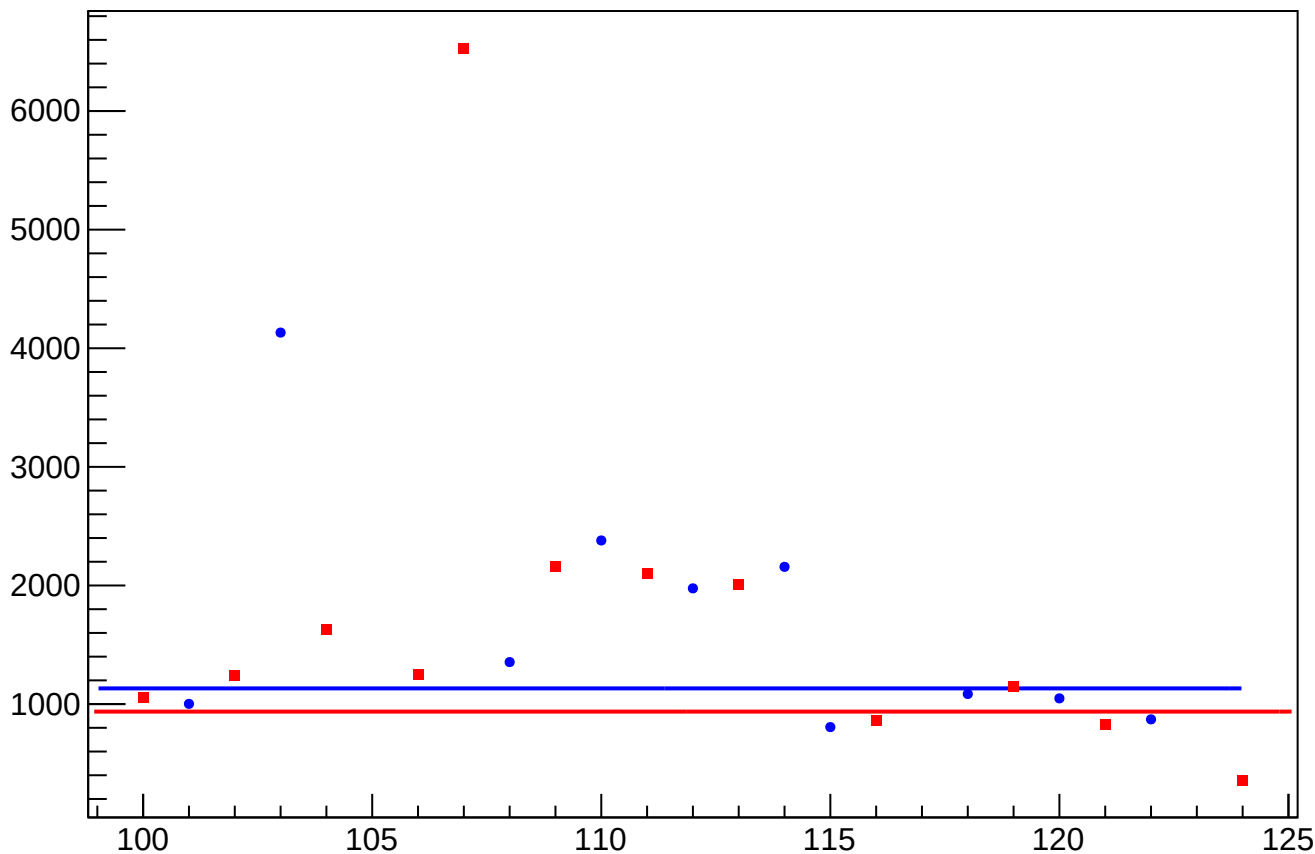
Right: -179.925+/-400.094 χ^2/NDF : 21.9/21

In: -93.588+/-614.555 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -179.925+/-400.094 χ^2/NDF : 21.9/21

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1132.317+/-0.435 χ^2/NDF : 1106946.2/9

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

Right Out: 936.720+/-0.373 χ^2/NDF : 2238877.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

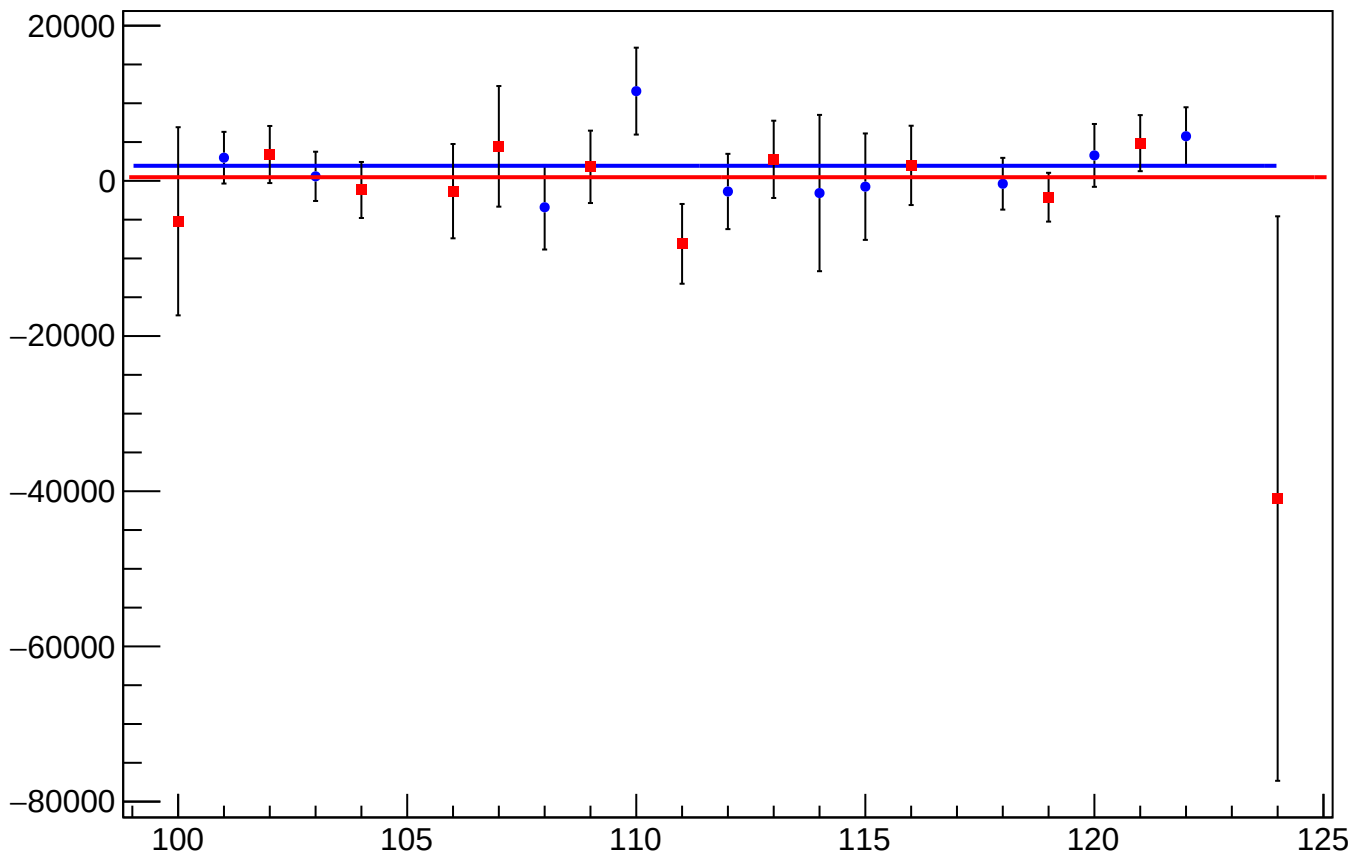
Right: 1019.622+/-0.283 χ^2/NDF : 3462551.1/21

In: 1132.317+/-0.435 χ^2/NDF : 1106946.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1019.622+/-0.283 χ^2/NDF : 3462551.1/21

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1941.996+/-1346.959 χ^2/NDF : 6.6/9

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

Right Out: 471.301+/-1358.346 χ^2/NDF : 8.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

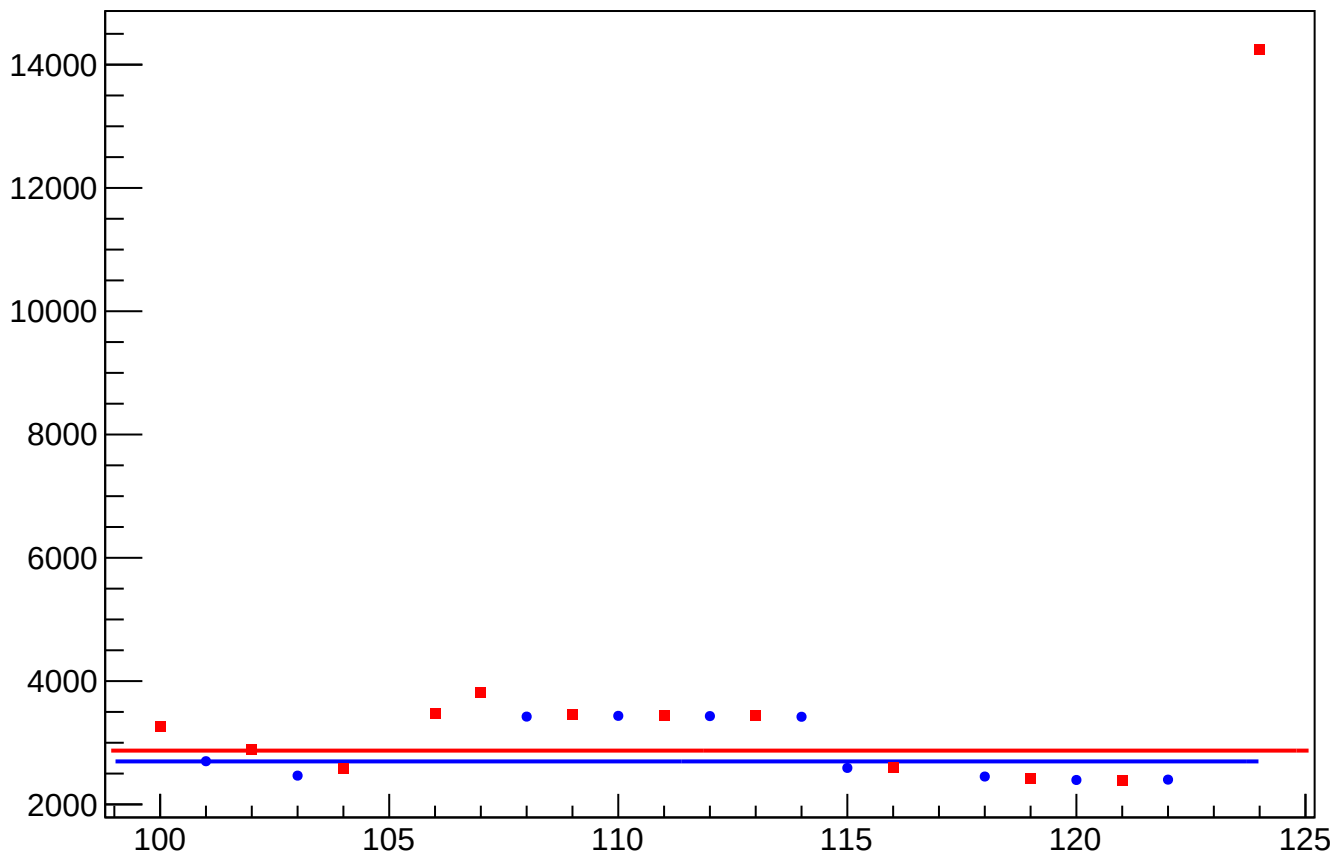
Right: 1212.839+/-956.444 χ^2/NDF : 15.2/21

In: 1941.996+/-1346.959 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1212.839+/-956.444 χ^2/NDF : 15.2/21

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2697.279 $\pm$ 0.952 χ^2/NDF : 172150.7/9

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

Right Out: 2872.500 $\pm$ 0.960 χ^2/NDF : 421721.9/11

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

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

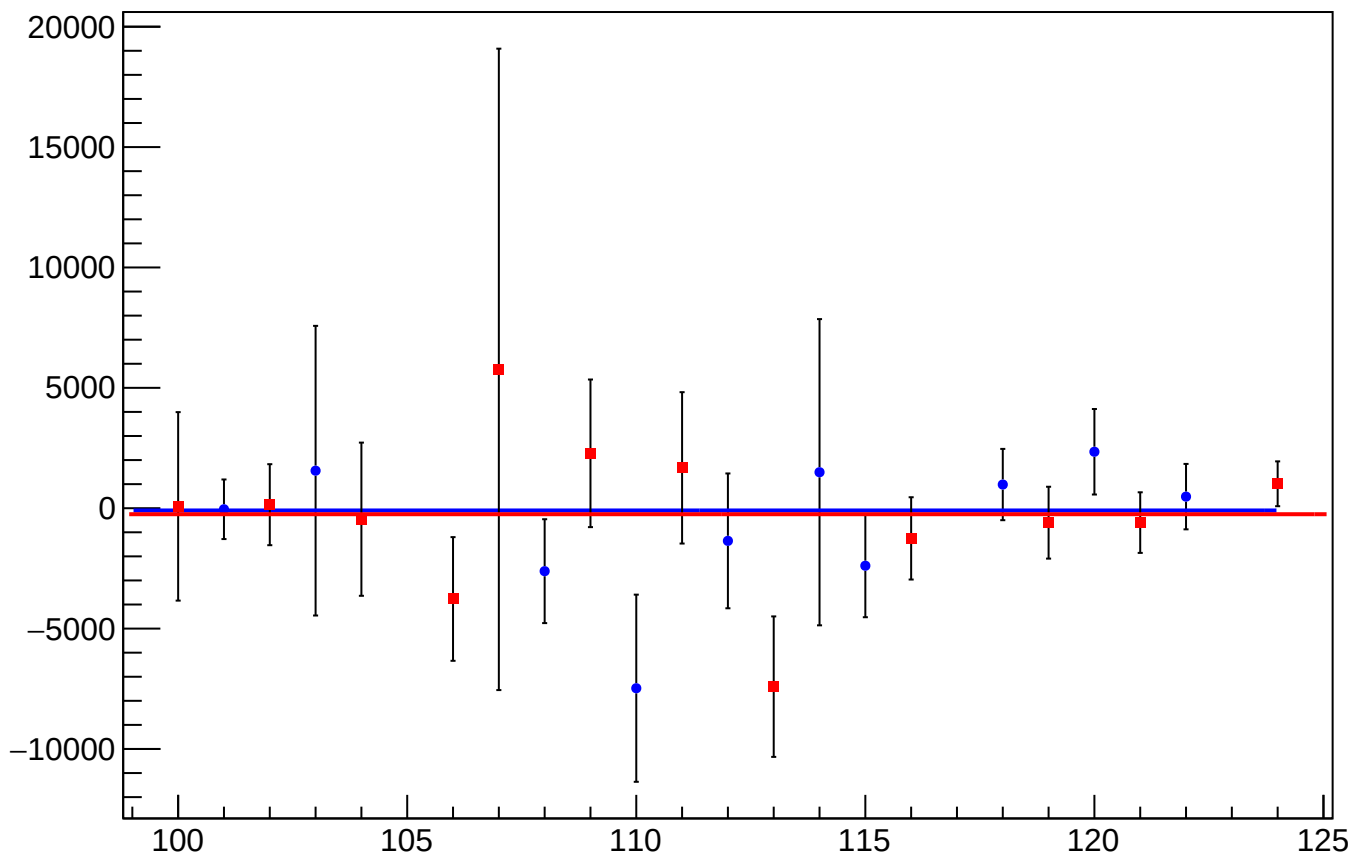
Right: 2784.152 $\pm$ 0.676 χ^2/NDF : 610652.7/21

In: 2697.279 $\pm$ 0.952 χ^2/NDF : 172150.7/9

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

All: 2784.152 $\pm$ 0.676 χ^2/NDF : 610652.7/21

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -93.623+/-614.554 χ^2/NDF : 9.1/9

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

Right Out: -249.202+/-528.878 χ^2/NDF : 11.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

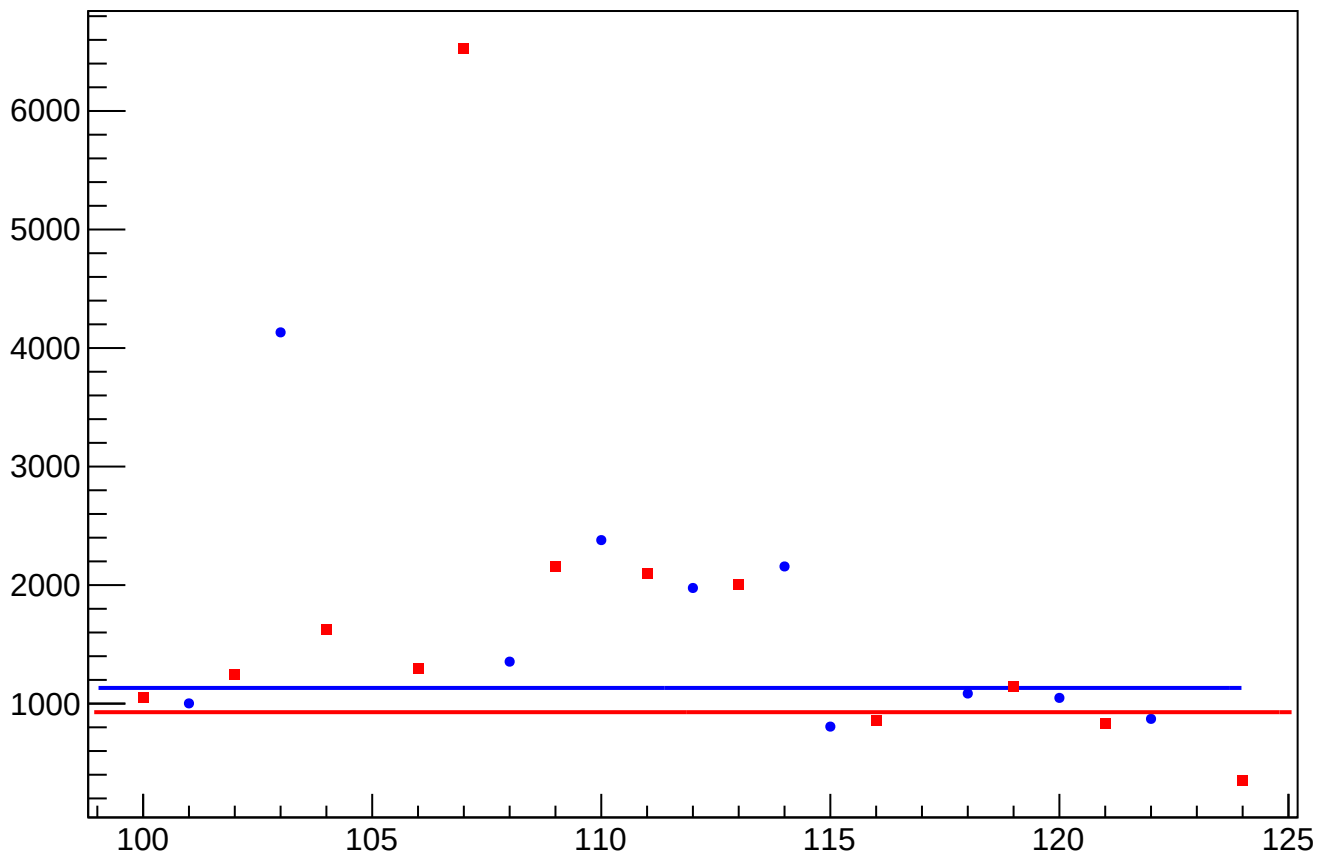
Right: -183.005+/-400.871 χ^2/NDF : 20.6/21

In: -93.623+/-614.554 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -183.005+/-400.871 χ^2/NDF : 20.6/21

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1132.315+/-0.435 χ^2/NDF : 1106933.5/9

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

Right Out: 927.711+/-0.374 χ^2/NDF : 2270167.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

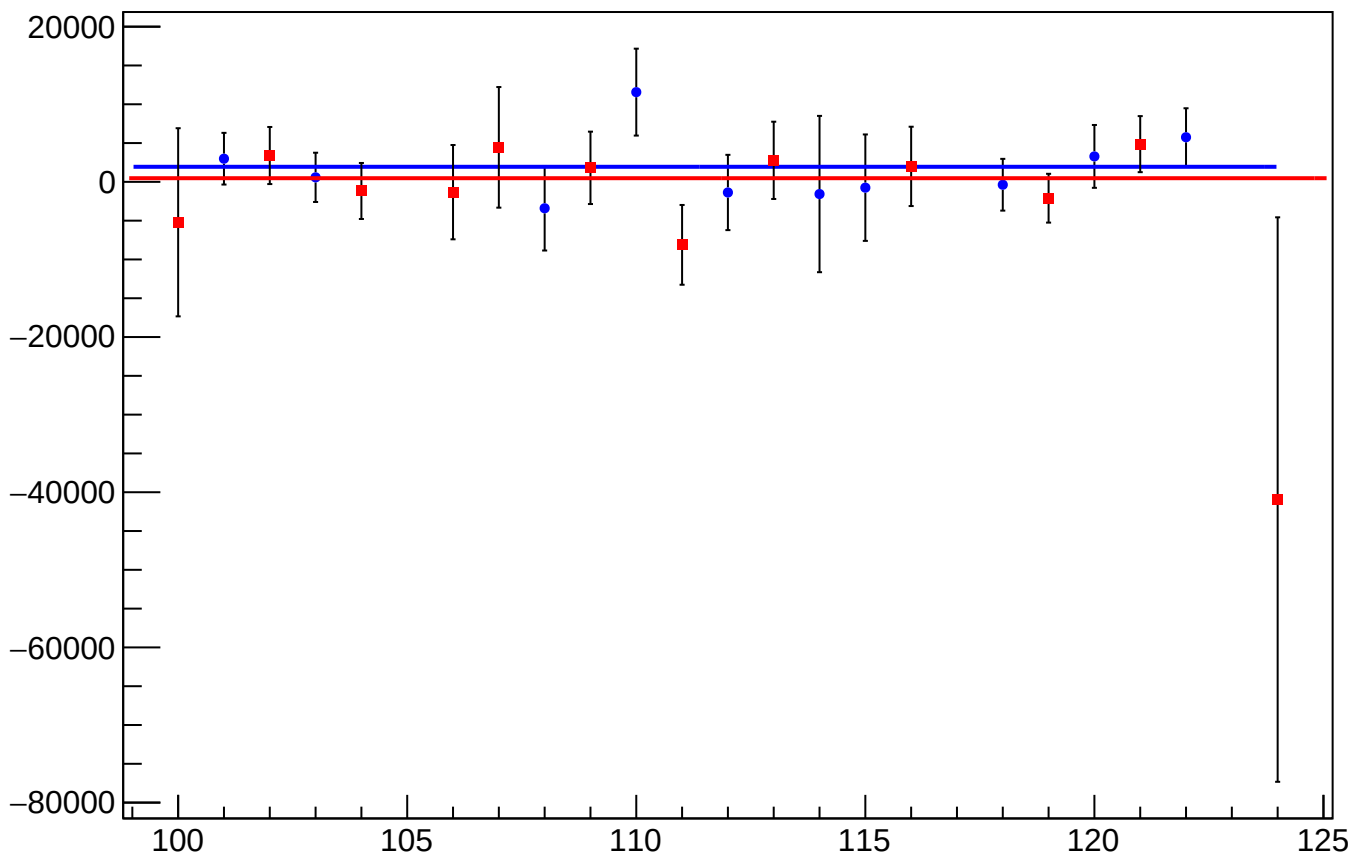
Right: 1014.768+/-0.283 χ^2/NDF : 3504461.4/21

In: 1132.315+/-0.435 χ^2/NDF : 1106933.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.768+/-0.283 χ^2/NDF : 3504461.4/21

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1941.996+/-1346.959 χ^2/NDF : 6.6/9

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

Right Out: 471.301+/-1358.346 χ^2/NDF : 8.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

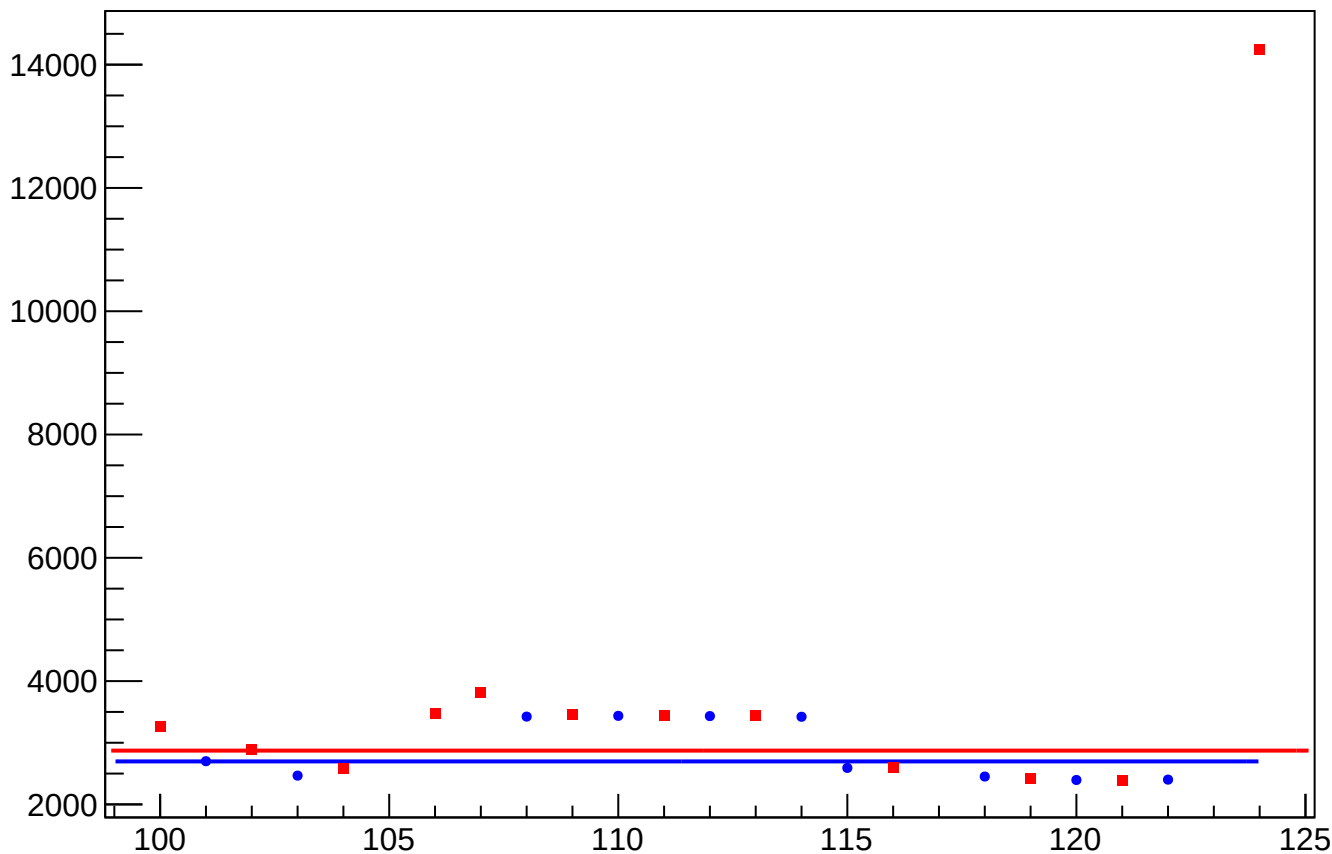
Right: 1212.839+/-956.444 χ^2/NDF : 15.2/21

In: 1941.996+/-1346.959 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1212.839+/-956.444 χ^2/NDF : 15.2/21

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2697.279+/-0.952 χ^2/NDF : 172150.7/9

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

Right Out: 2872.500+/-0.960 χ^2/NDF : 421721.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

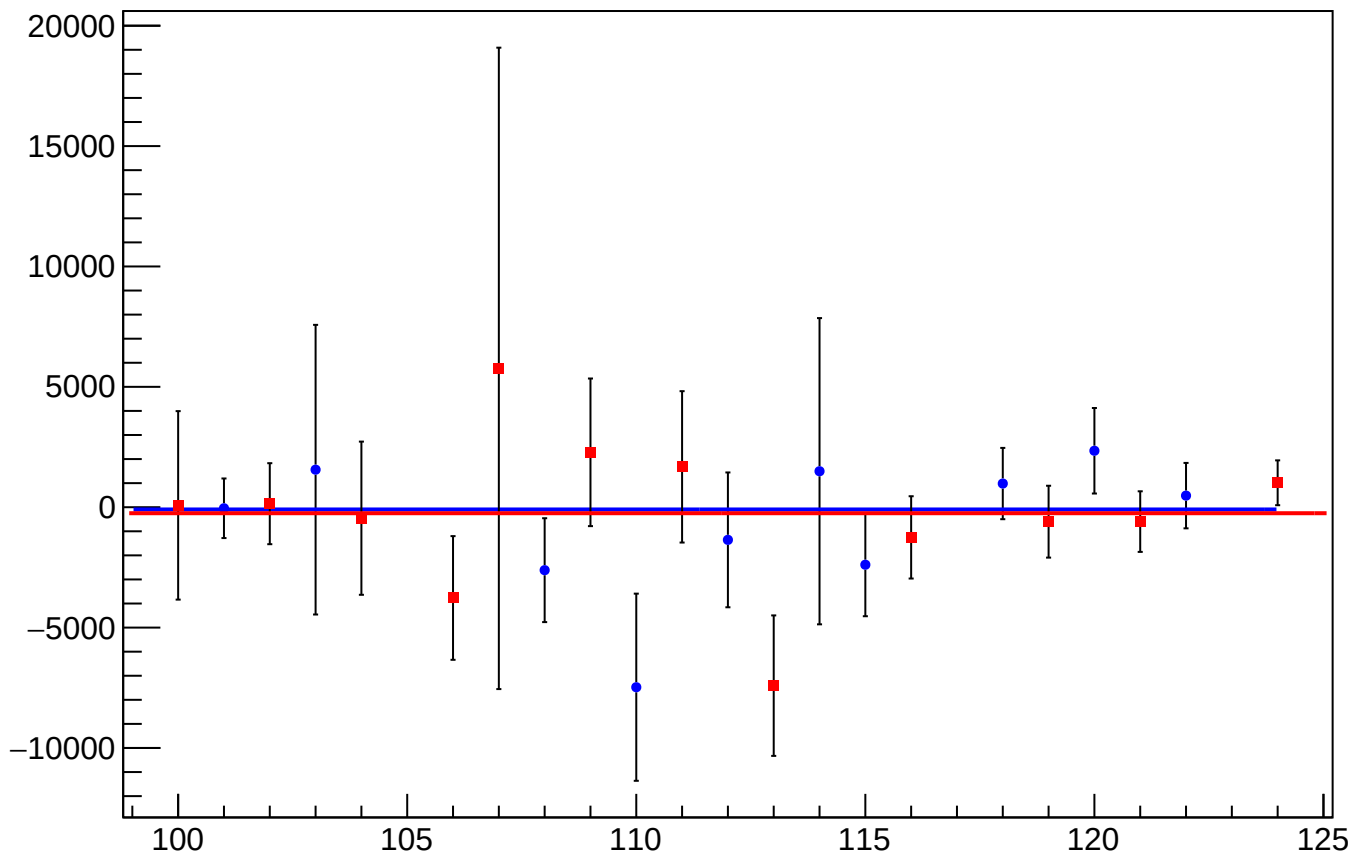
Right: 2784.152+/-0.676 χ^2/NDF : 610652.7/21

In: 2697.279+/-0.952 χ^2/NDF : 172150.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.152+/-0.676 χ^2/NDF : 610652.7/21

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -93.623+/-614.554 χ^2/NDF : 9.1/9

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

Right Out: -249.202+/-528.878 χ^2/NDF : 11.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

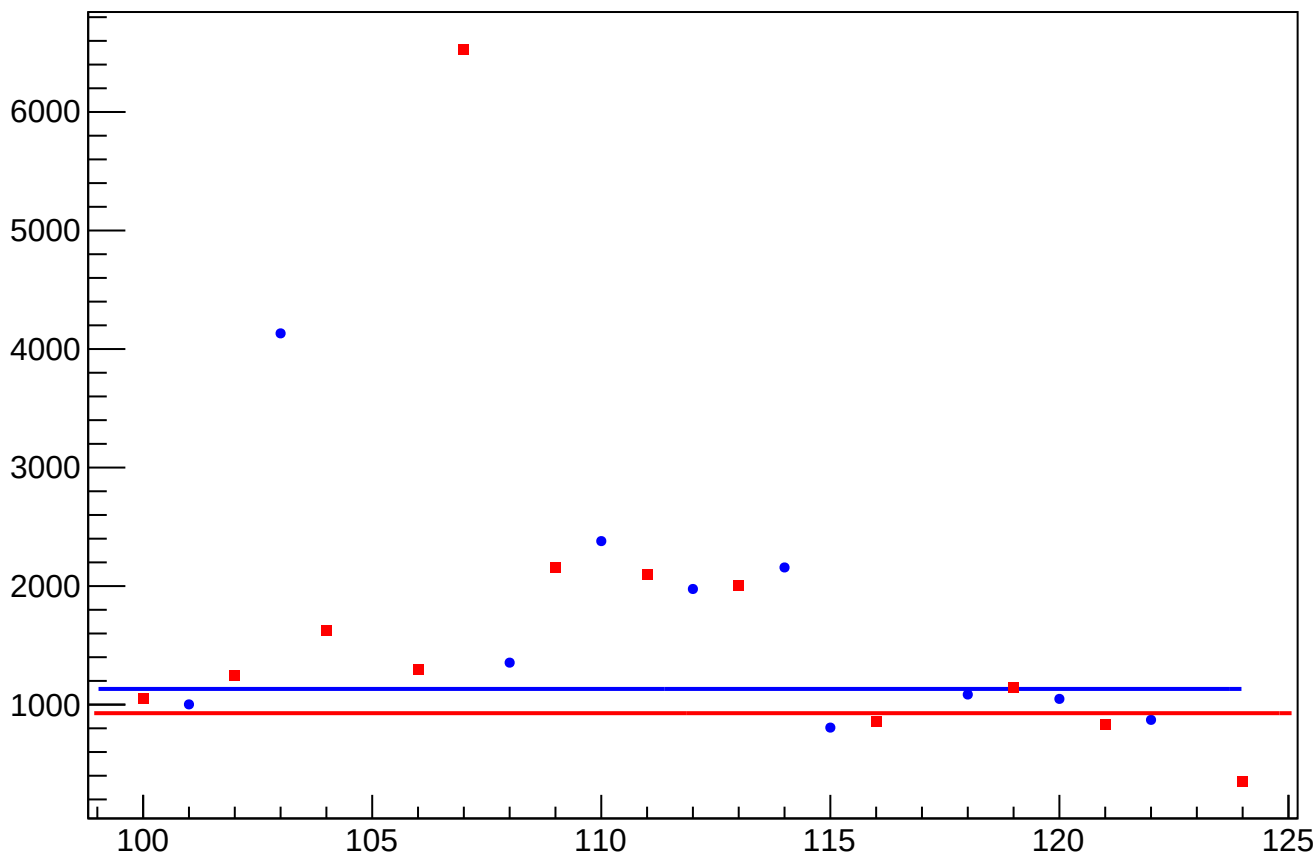
Right: -183.005+/-400.871 χ^2/NDF : 20.6/21

In: -93.623+/-614.554 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -183.005+/-400.871 χ^2/NDF : 20.6/21

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1132.315+/-0.435 χ^2/NDF : 1106933.5/9

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

Right Out: 927.711+/-0.374 χ^2/NDF : 2270167.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

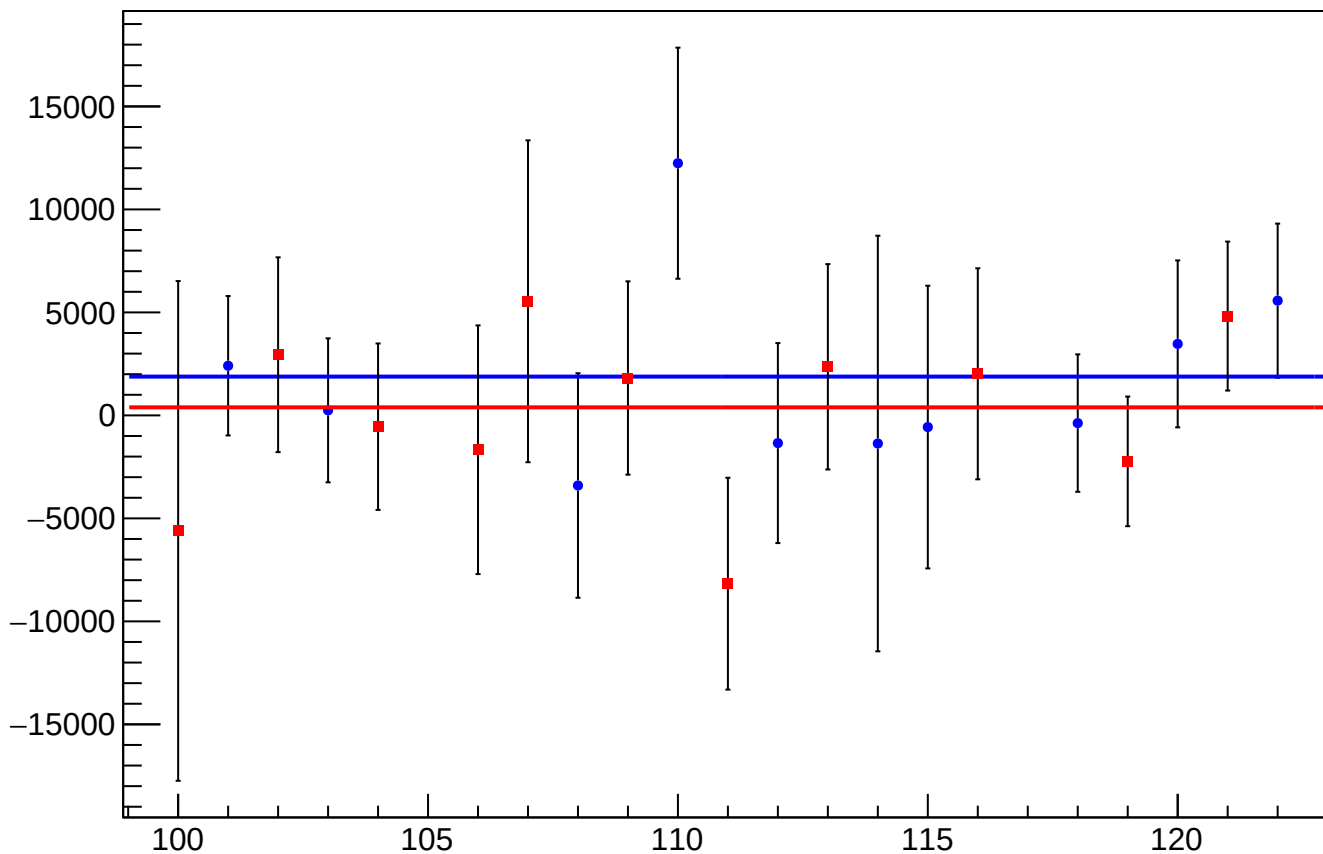
Right: 1014.768+/-0.283 χ^2/NDF : 3504461.4/21

In: 1132.315+/-0.435 χ^2/NDF : 1106933.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.768+/-0.283 χ^2/NDF : 3504461.4/21

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1883.444+/-1373.253 χ^2/NDF : 6.9/9

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

Right Out: 390.735+/-1420.499 χ^2/NDF : 6.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

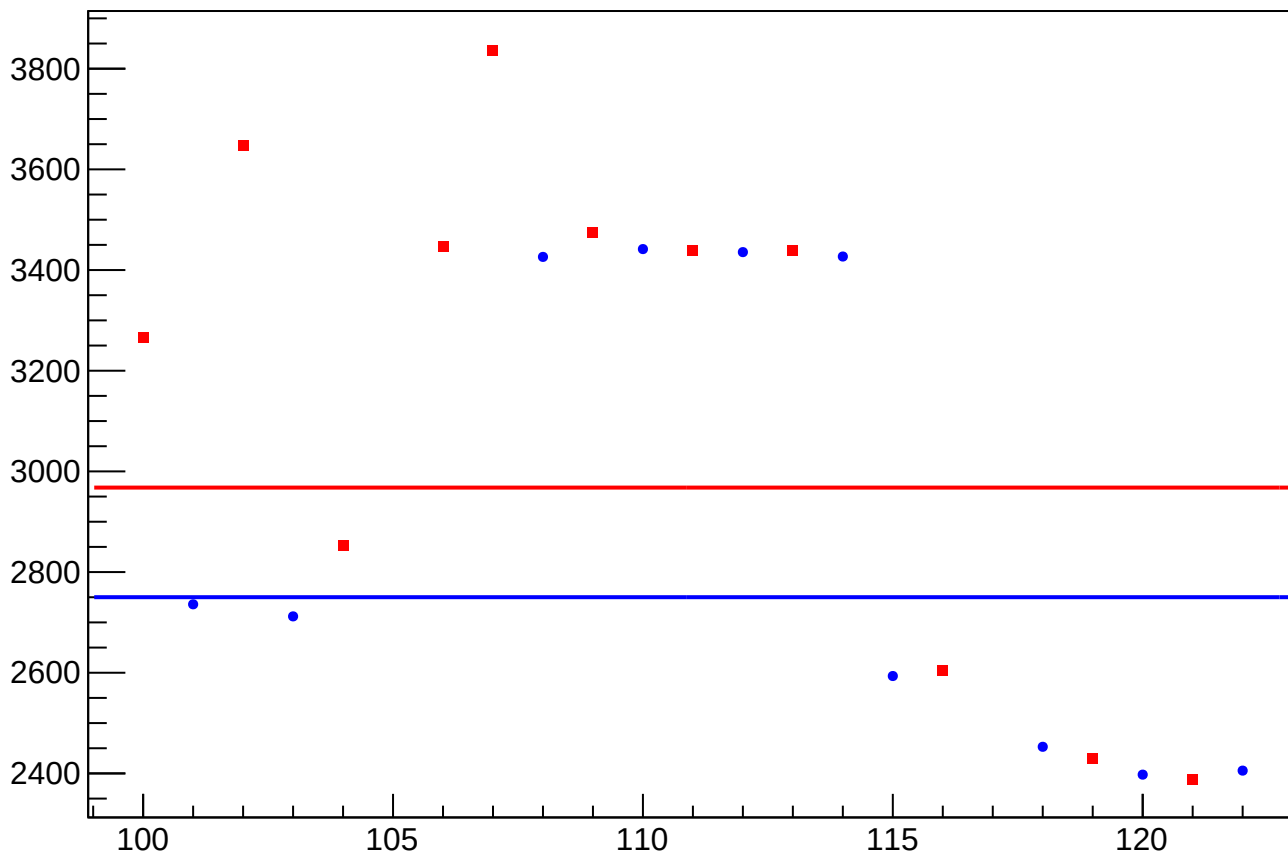
Right: 1162.326+/-987.317 χ^2/NDF : 13.9/20

In: 1883.444+/-1373.253 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1162.326+/-987.317 χ^2/NDF : 13.9/20

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2750.097+/-0.971 χ^2/NDF : 159323.7/9

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

Right Out: 2967.835+/-1.004 χ^2/NDF : 259404.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

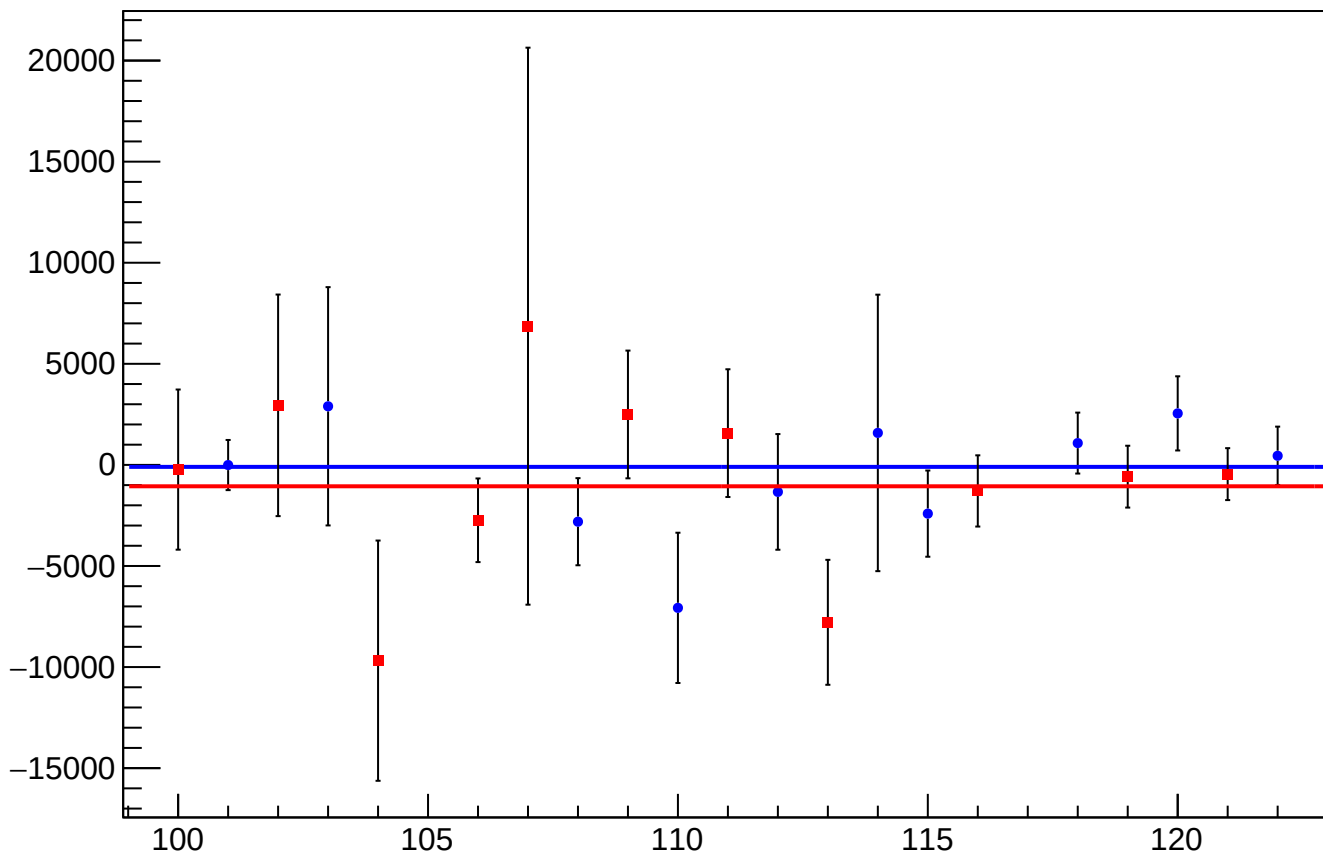
Right: 2855.284+/-0.698 χ^2/NDF : 443017.8/20

In: 2750.097+/-0.971 χ^2/NDF : 159323.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2855.284+/-0.698 χ^2/NDF : 443017.8/20

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -97.802 $\pm$ 626.479 χ^2/NDF : 9.6/9

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

Right Out: -1058.228 $\pm$ 702.715 χ^2/NDF : 10.7/10

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

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

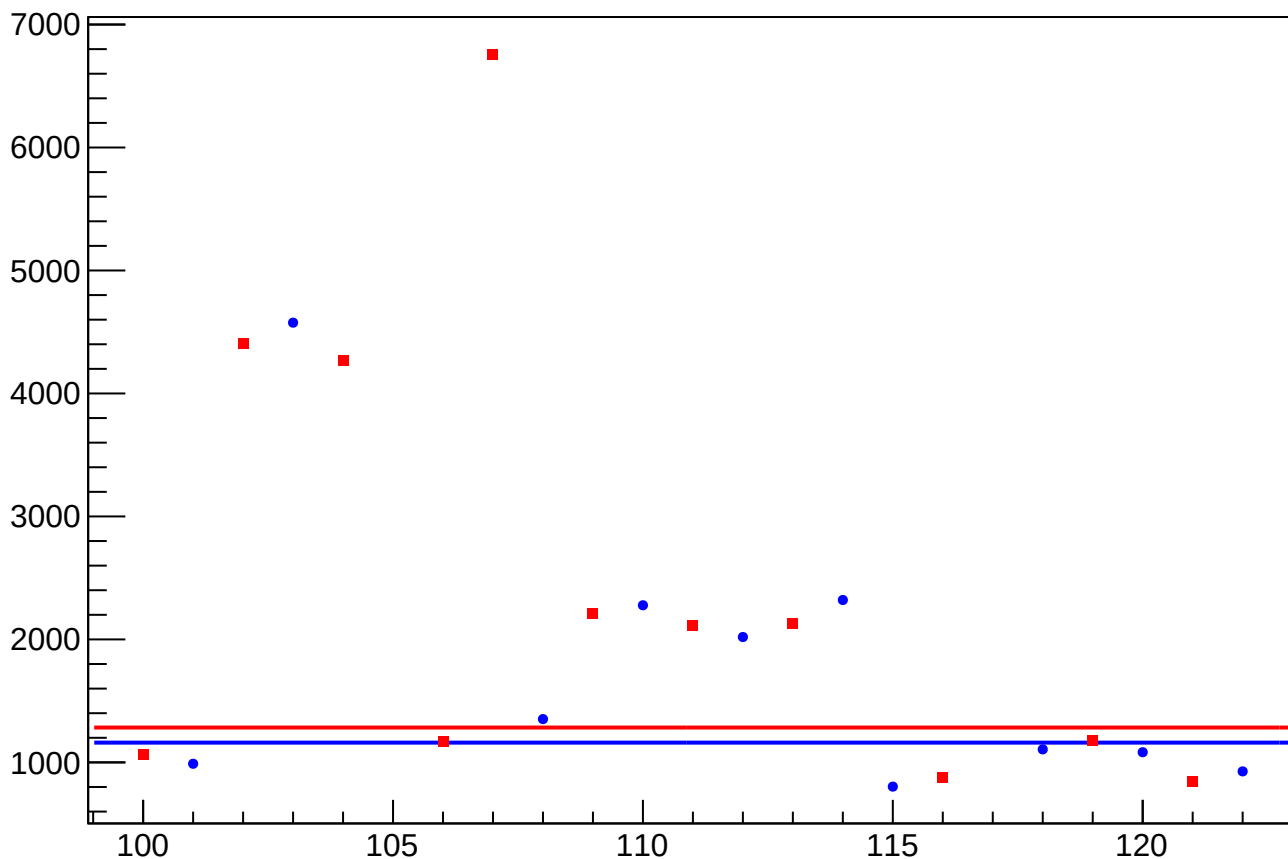
Right: -523.110 $\pm$ 467.627 χ^2/NDF : 21.4/20

In: -97.802 $\pm$ 626.479 χ^2/NDF : 9.6/9

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

All: -523.110 $\pm$ 467.627 χ^2/NDF : 21.4/20

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1160.731+/-0.443 χ^2/NDF : 1259123.8/9

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

Right Out: 1283.368+/-0.497 χ^2/NDF : 2281891.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

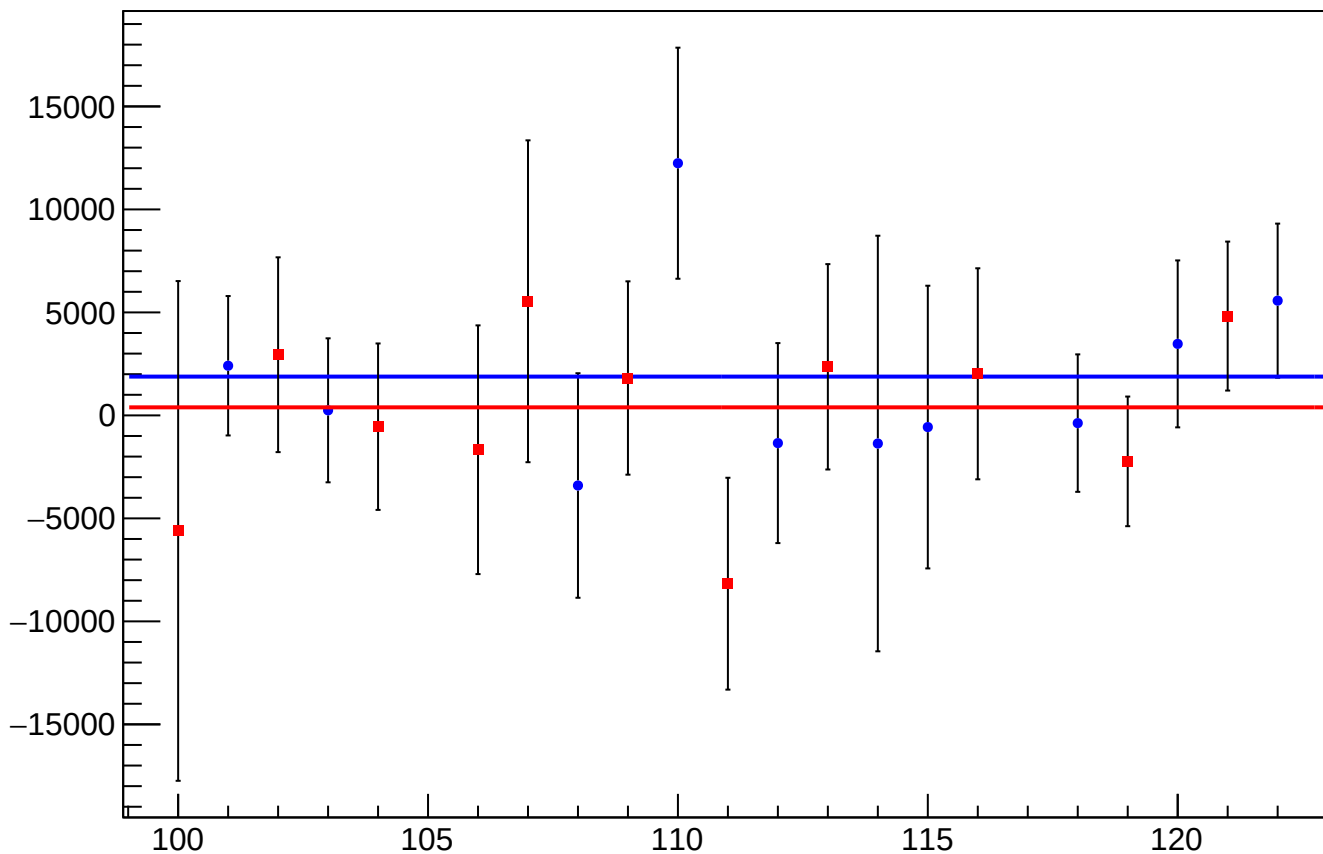
Right: 1215.039+/-0.331 χ^2/NDF : 3574953.9/20

In: 1160.731+/-0.443 χ^2/NDF : 1259123.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1215.039+/-0.331 χ^2/NDF : 3574953.9/20

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1883.438+/-1373.253 χ^2/NDF : 6.9/9

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

Right Out: 390.733+/-1420.499 χ^2/NDF : 6.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

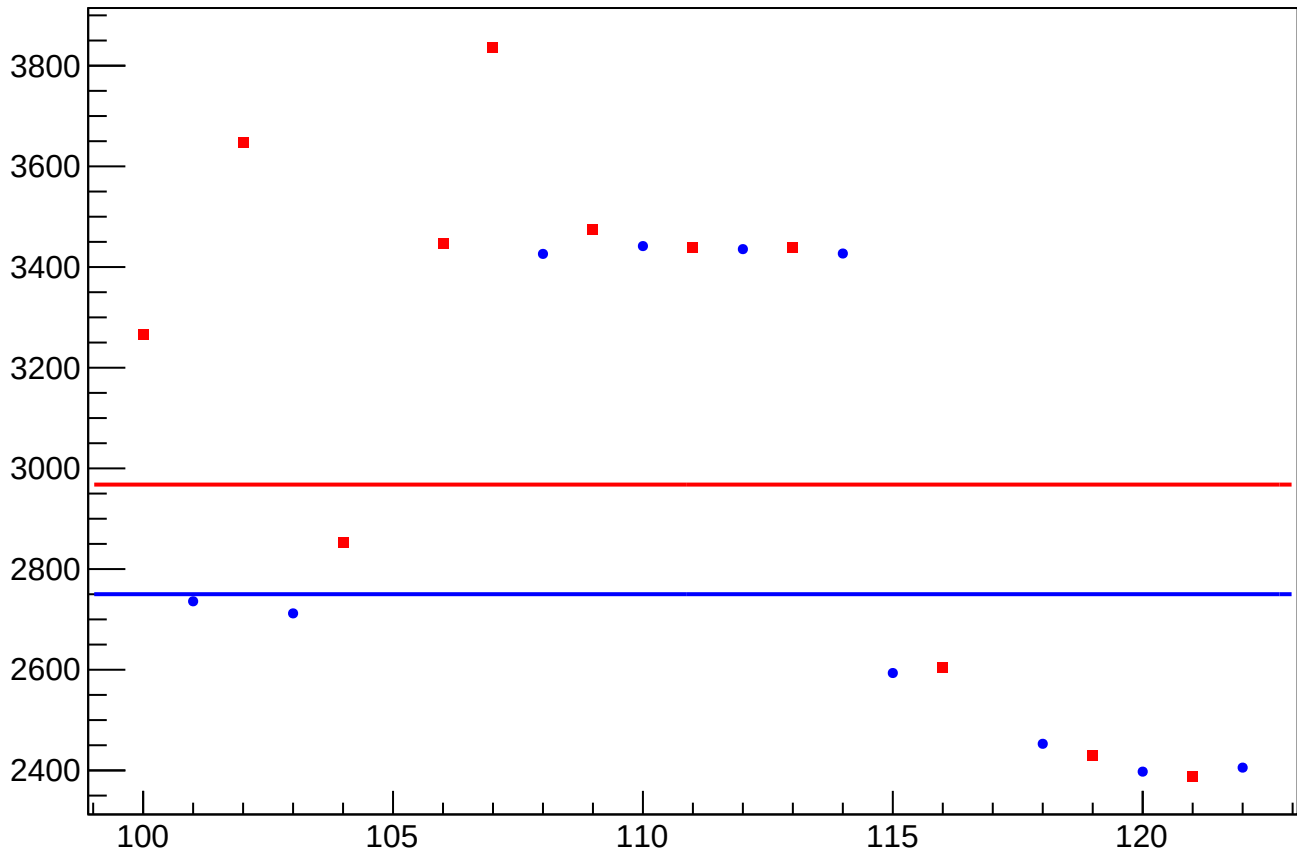
Right: 1162.322+/-987.317 χ^2/NDF : 13.9/20

In: 1883.438+/-1373.253 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1162.322+/-987.317 χ^2/NDF : 13.9/20

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2750.096+/-0.971 χ^2/NDF : 159323.8/9

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

Right Out: 2967.834+/-1.004 χ^2/NDF : 259403.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

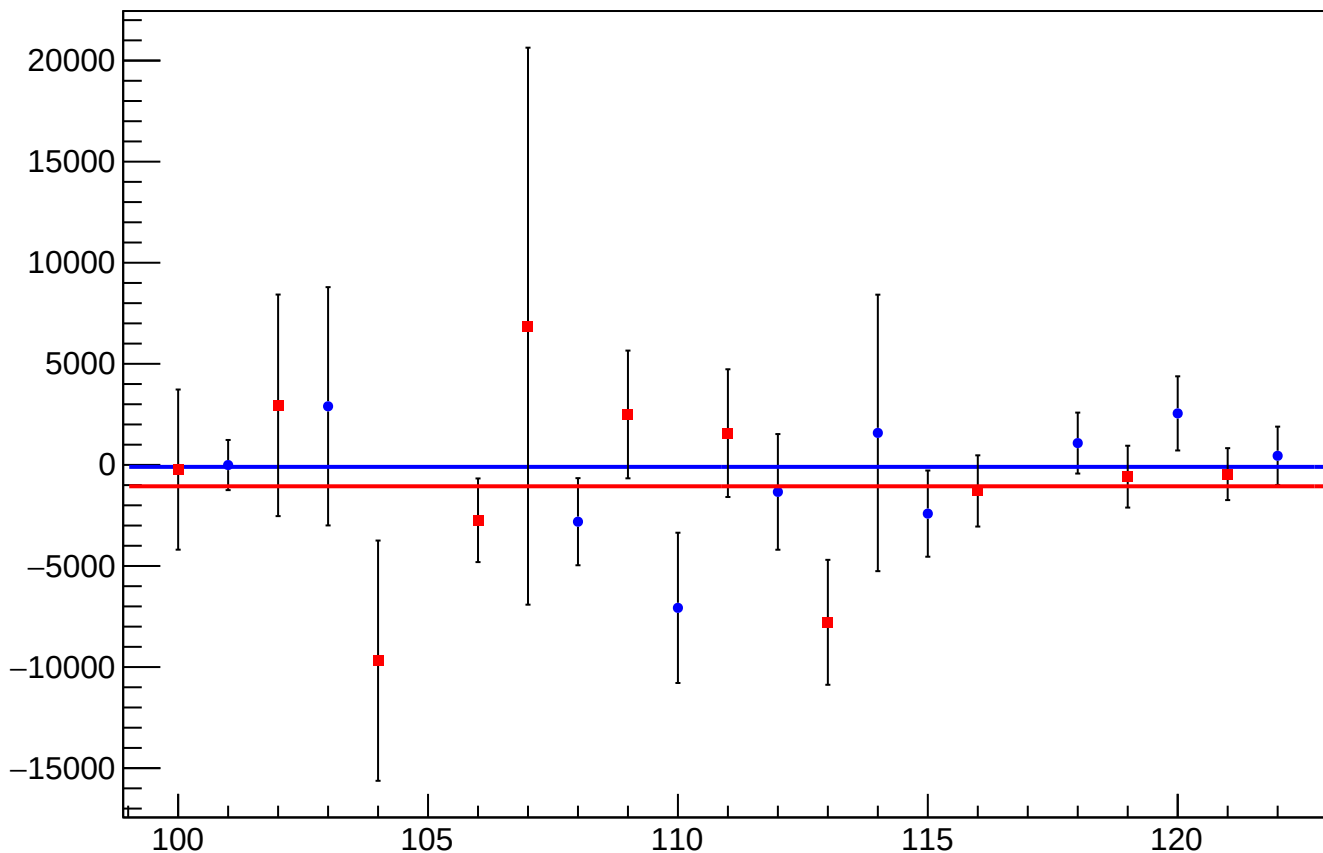
Right: 2855.284+/-0.698 χ^2/NDF : 443017.8/20

In: 2750.096+/-0.971 χ^2/NDF : 159323.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2855.284+/-0.698 χ^2/NDF : 443017.8/20

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -97.804+/-626.478 χ^2/NDF : 9.6/9

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

Right Out: -1058.226+/-702.714 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

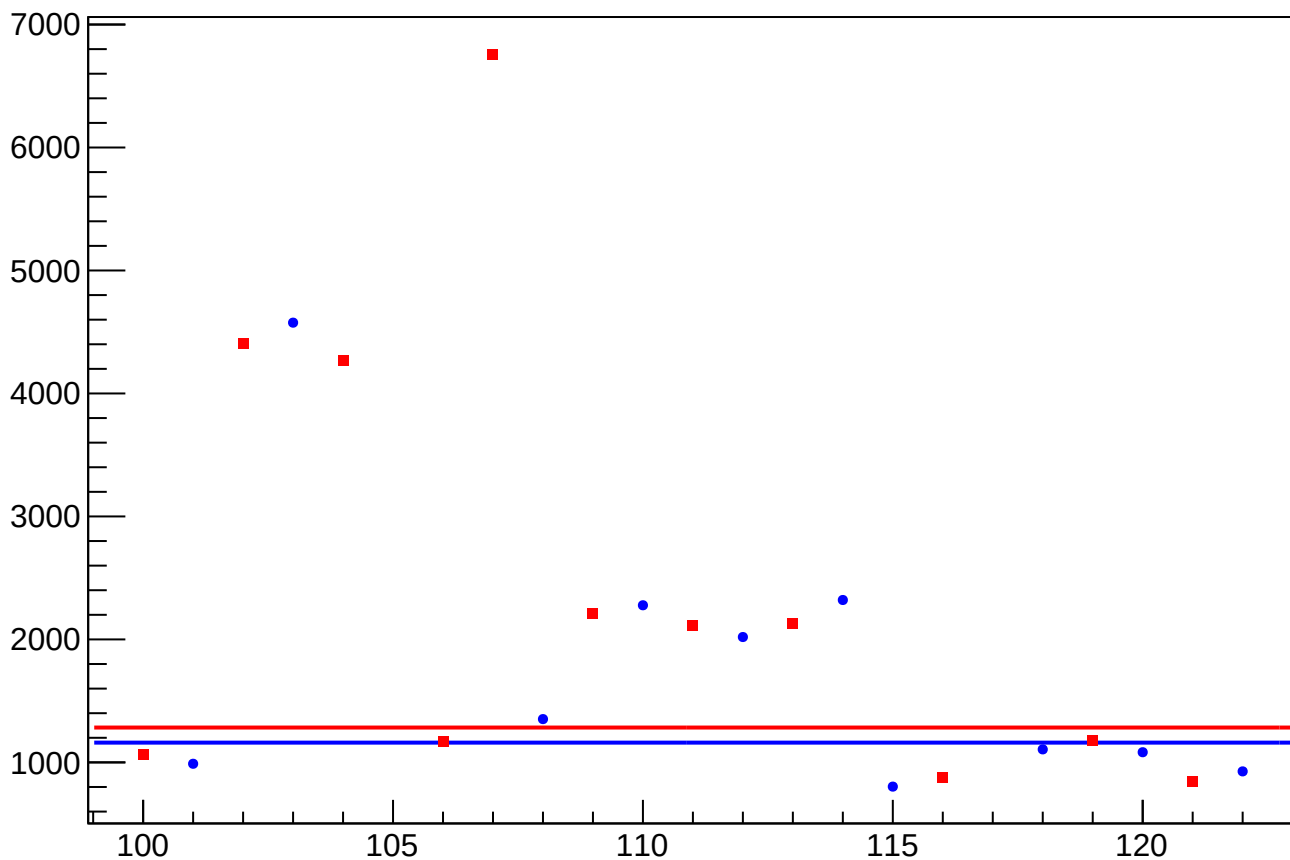
Right: -523.110+/-467.626 χ^2/NDF : 21.4/20

In: -97.804+/-626.478 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -523.110+/-467.626 χ^2/NDF : 21.4/20

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1160.729+/-0.443 χ^2/NDF : 1259126.4/9

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

Right Out: 1283.366+/-0.497 χ^2/NDF : 2281895.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

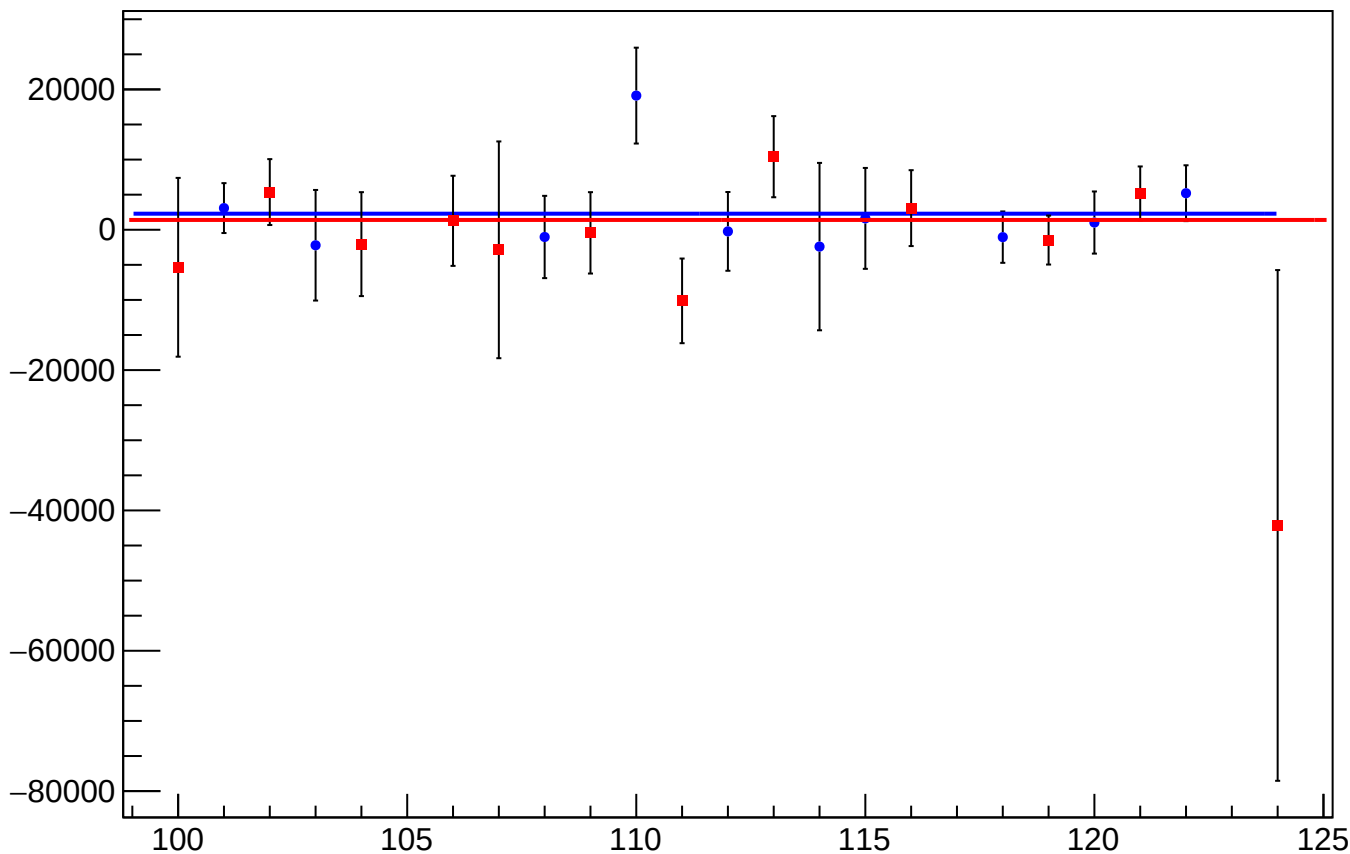
Right: 1215.037+/-0.331 χ^2/NDF : 3574960.8/20

In: 1160.729+/-0.443 χ^2/NDF : 1259126.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1215.037+/-0.331 χ^2/NDF : 3574960.8/20

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2289.496 $\pm$ 1595.909 χ^2 /NDF: 8.6/9

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

Right Out: 1397.831 $\pm$ 1642.771 χ^2 /NDF: 10.7/11

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

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

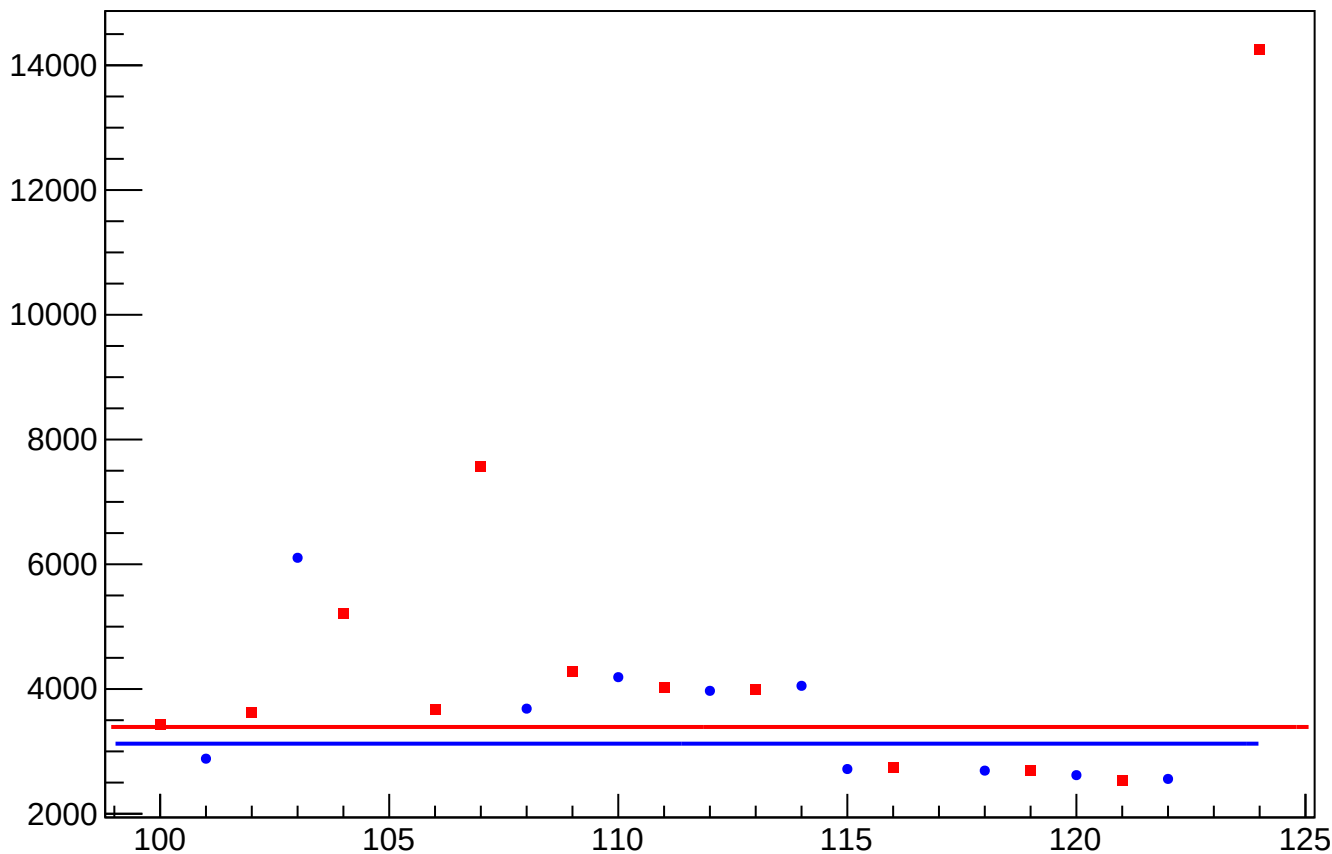
Right: 1856.563 $\pm$ 1144.687 χ^2 /NDF: 19.4/21

In: 2289.496 $\pm$ 1595.909 χ^2 /NDF:8.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1856.563 $\pm$ 1144.687 χ^2 /NDF: 19.4/21

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3123.928+/-1.128 χ^2/NDF : 520489.2/9

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

Right Out: 3391.643+/-1.162 χ^2/NDF : 753677.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

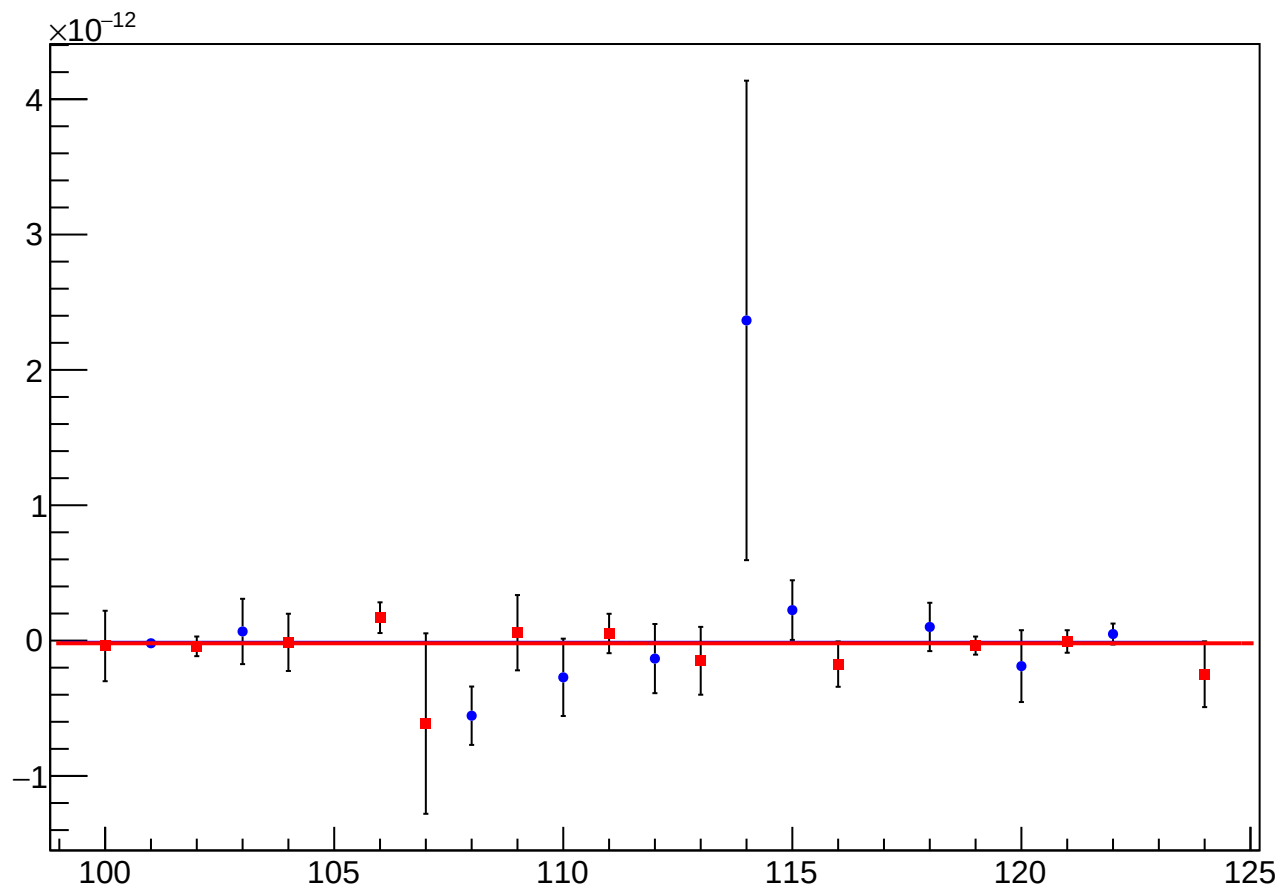
Right: 3253.913+/-0.809 χ^2/NDF : 1301493.3/21

In: 3123.928+/-1.128 χ^2/NDF : 520489.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3253.913+/-0.809 χ^2/NDF : 1301493.3/21

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.9/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

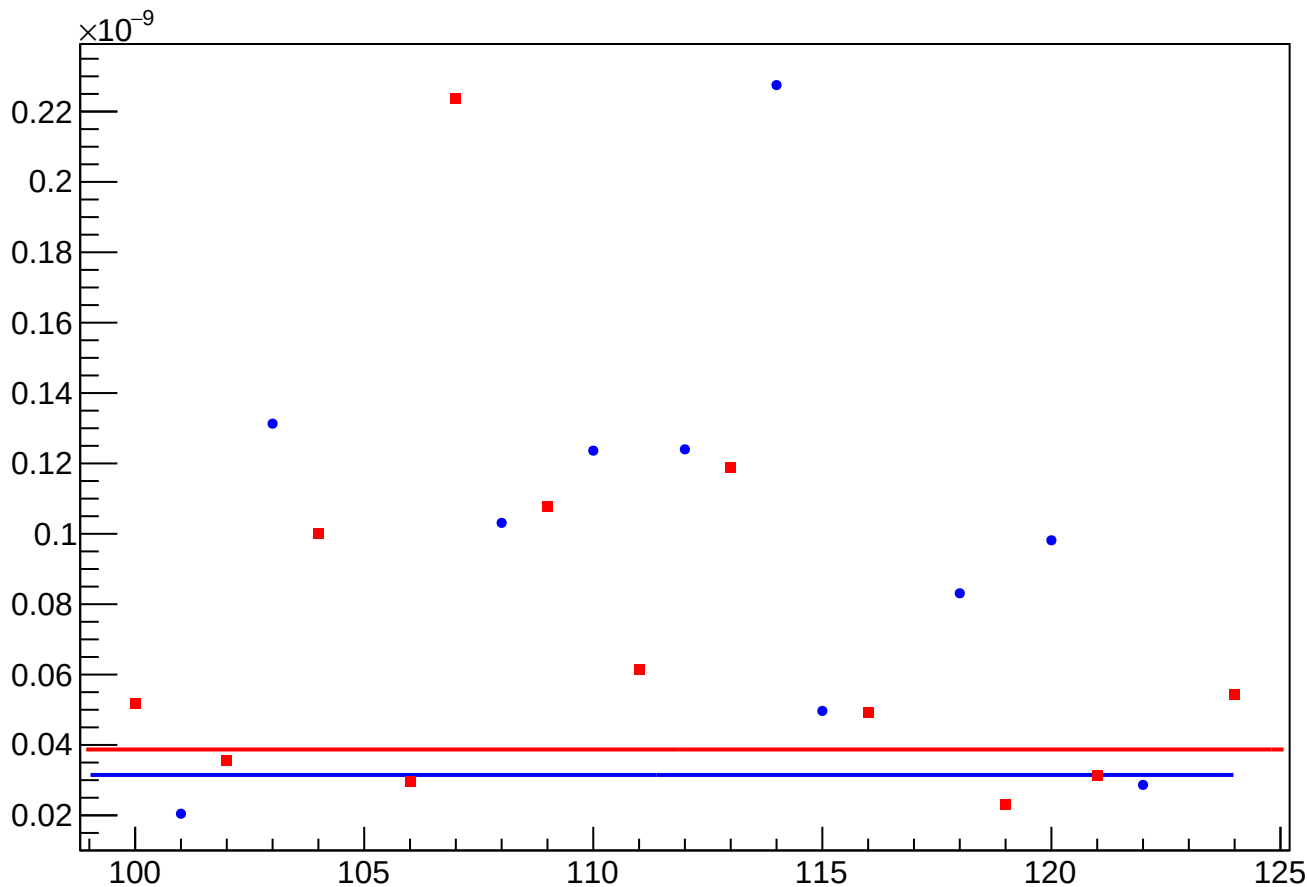
Right: -0.000+/-0.000 χ^2/NDF : 18.0/21

In: -0.000+/-0.000 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/21

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1551029.1/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 862645.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

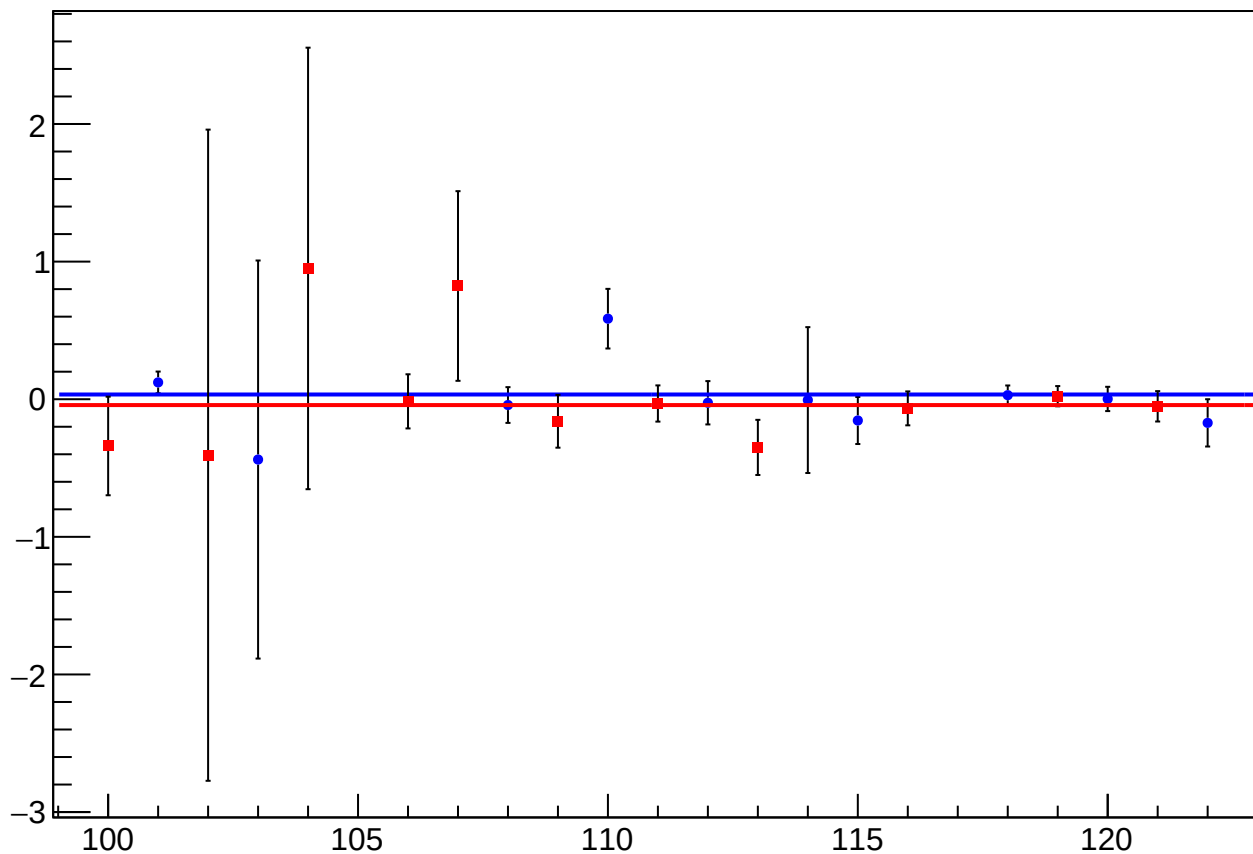
Right: 0.000+/-0.000 χ^2/NDF : 2461431.5/21

In: 0.000+/-0.000 χ^2/NDF : 1551029.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2461431.5/21

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: -0.043+/-0.046 χ^2/NDF : 6.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

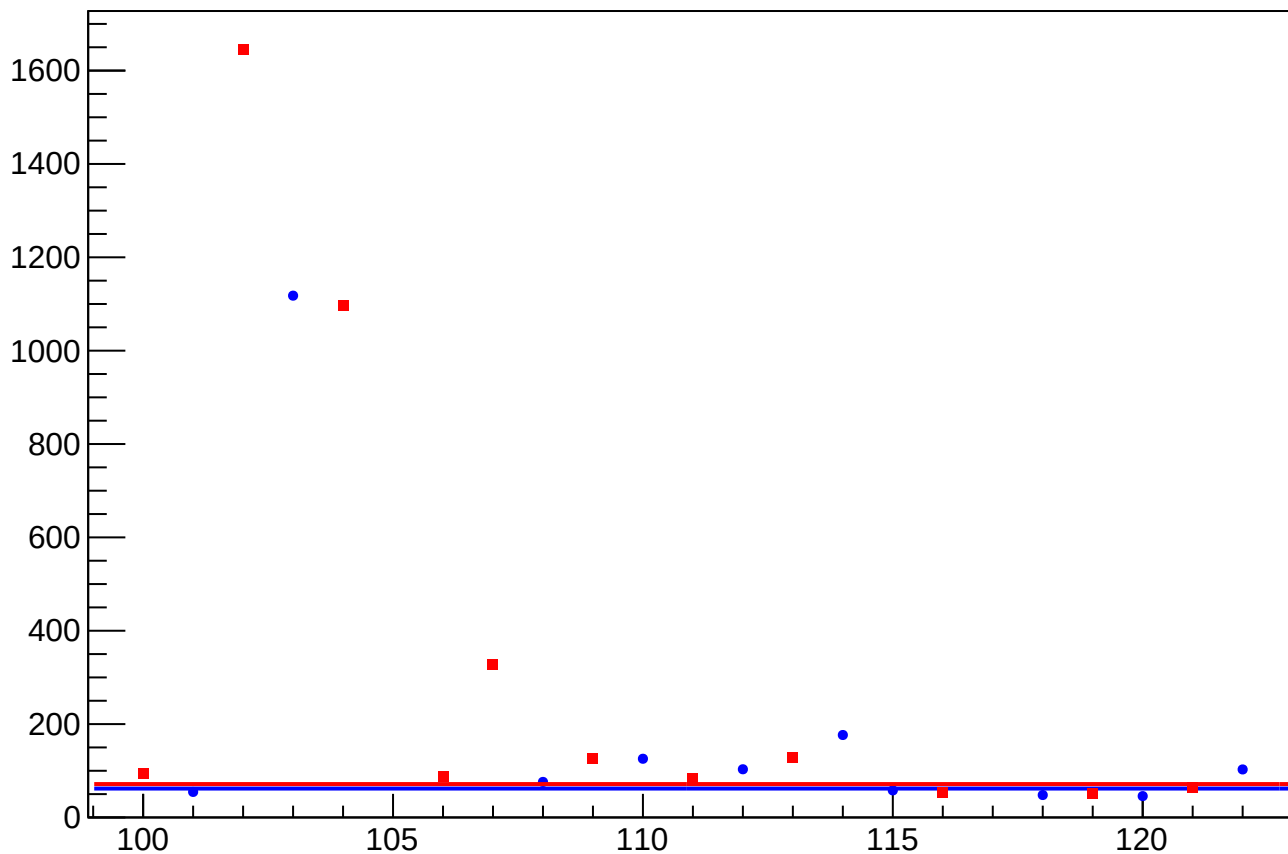
Right: 0.003+/-0.029 χ^2/NDF : 19.0/20

In: 0.034+/-0.038 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.029 χ^2/NDF : 19.0/20

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.908+/-0.027 χ^2/NDF : 1771449.4/9

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

Right Out: 71.520+/-0.032 χ^2/NDF : 2532529.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

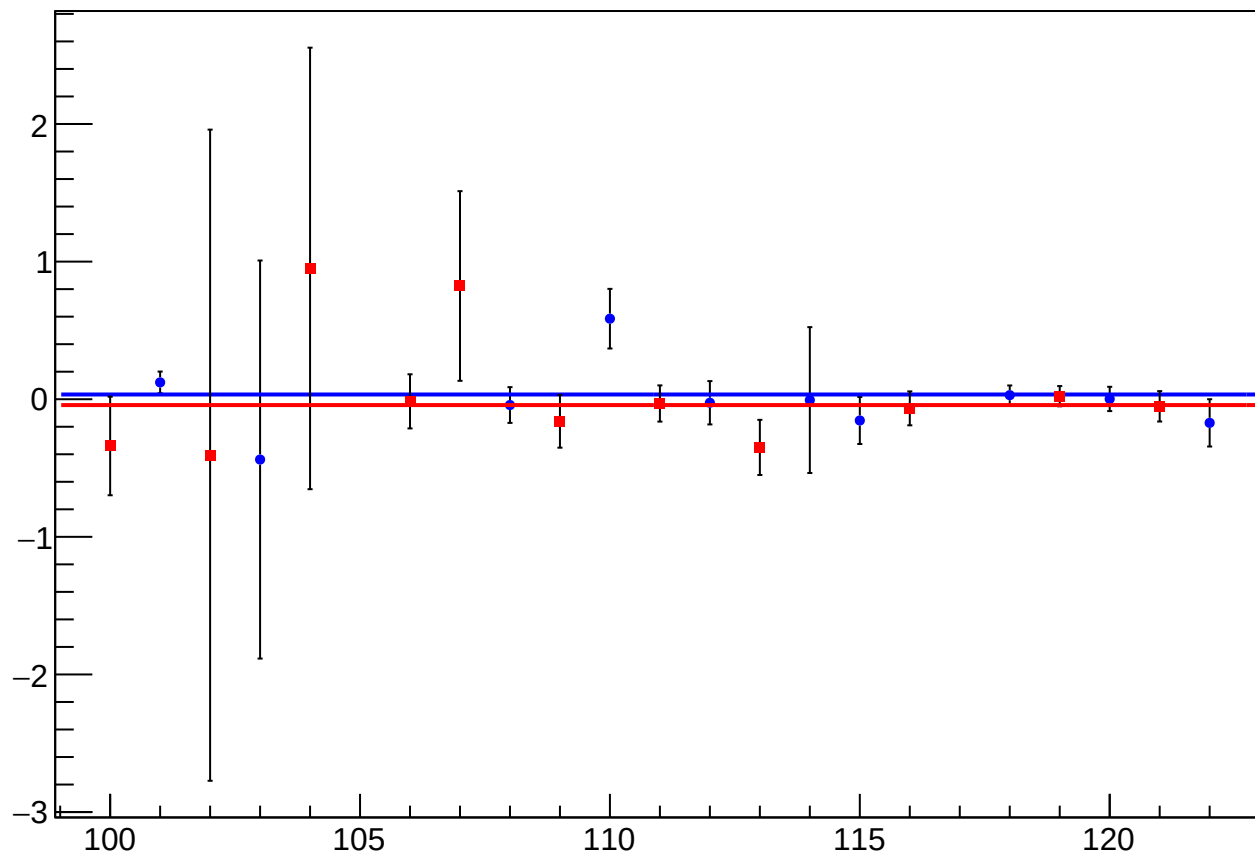
Right: 65.865+/-0.021 χ^2/NDF : 4356093.1/20

In: 61.908+/-0.027 χ^2/NDF : 1771449.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.865+/-0.021 χ^2/NDF : 4356093.1/20

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: -0.043+/-0.046 χ^2/NDF : 6.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

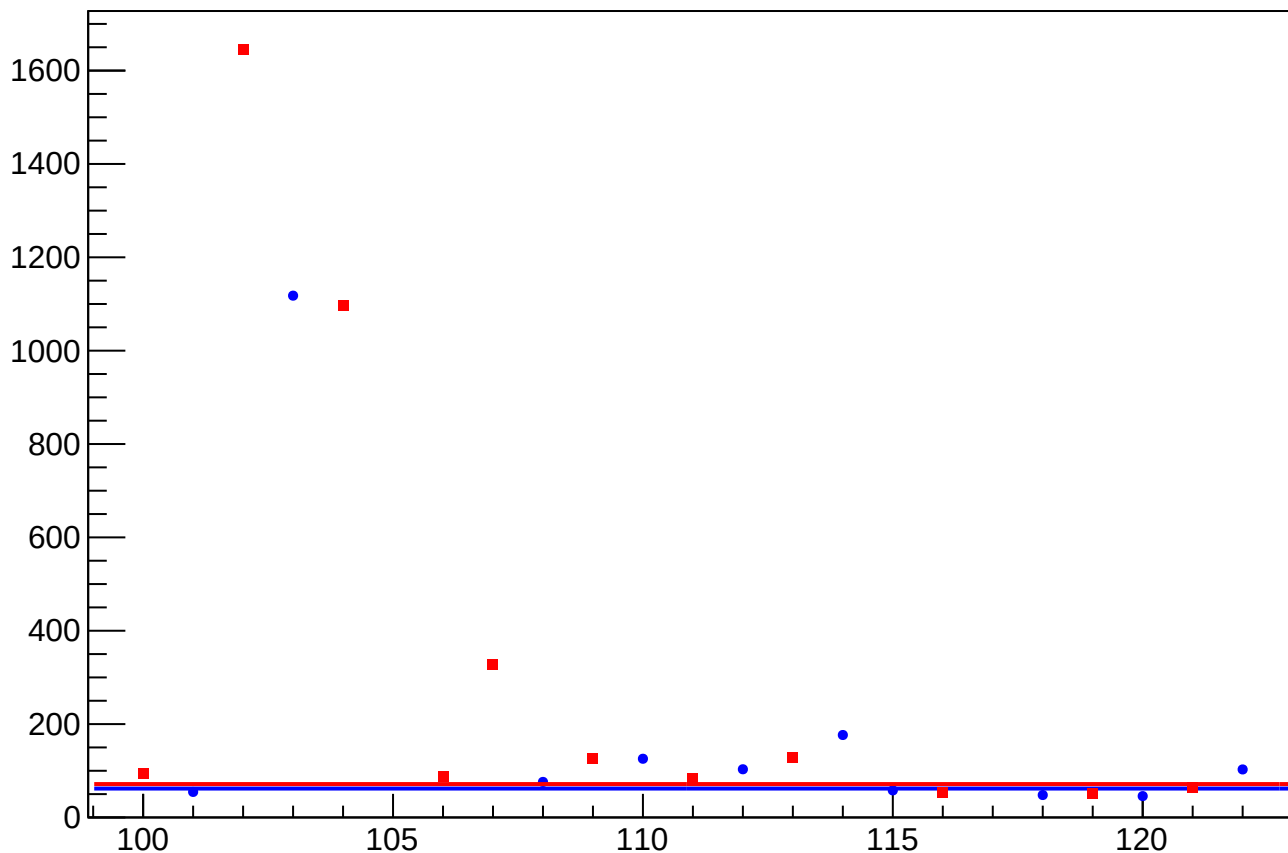
Right: 0.003+/-0.029 χ^2/NDF : 19.0/20

In: 0.034+/-0.038 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.029 χ^2/NDF : 19.0/20

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.908+/-0.027 χ^2/NDF : 1771449.4/9

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

Right Out: 71.520+/-0.032 χ^2/NDF : 2532529.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

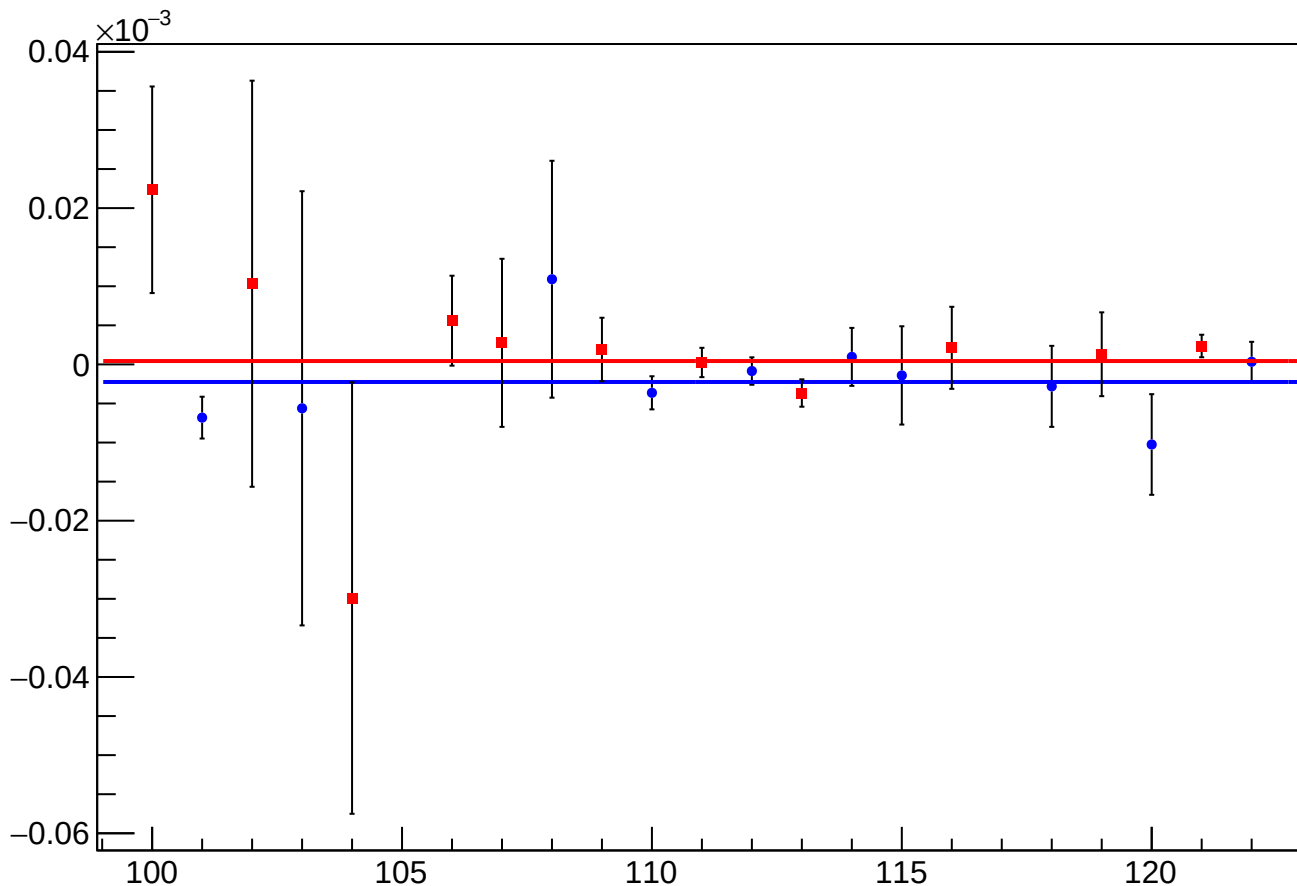
Right: 65.865+/-0.021 χ^2/NDF : 4356093.1/20

In: 61.908+/-0.027 χ^2/NDF : 1771449.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.865+/-0.021 χ^2/NDF : 4356093.1/20

asym_atl1_eigen_dit_vs_dit_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 : 12.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

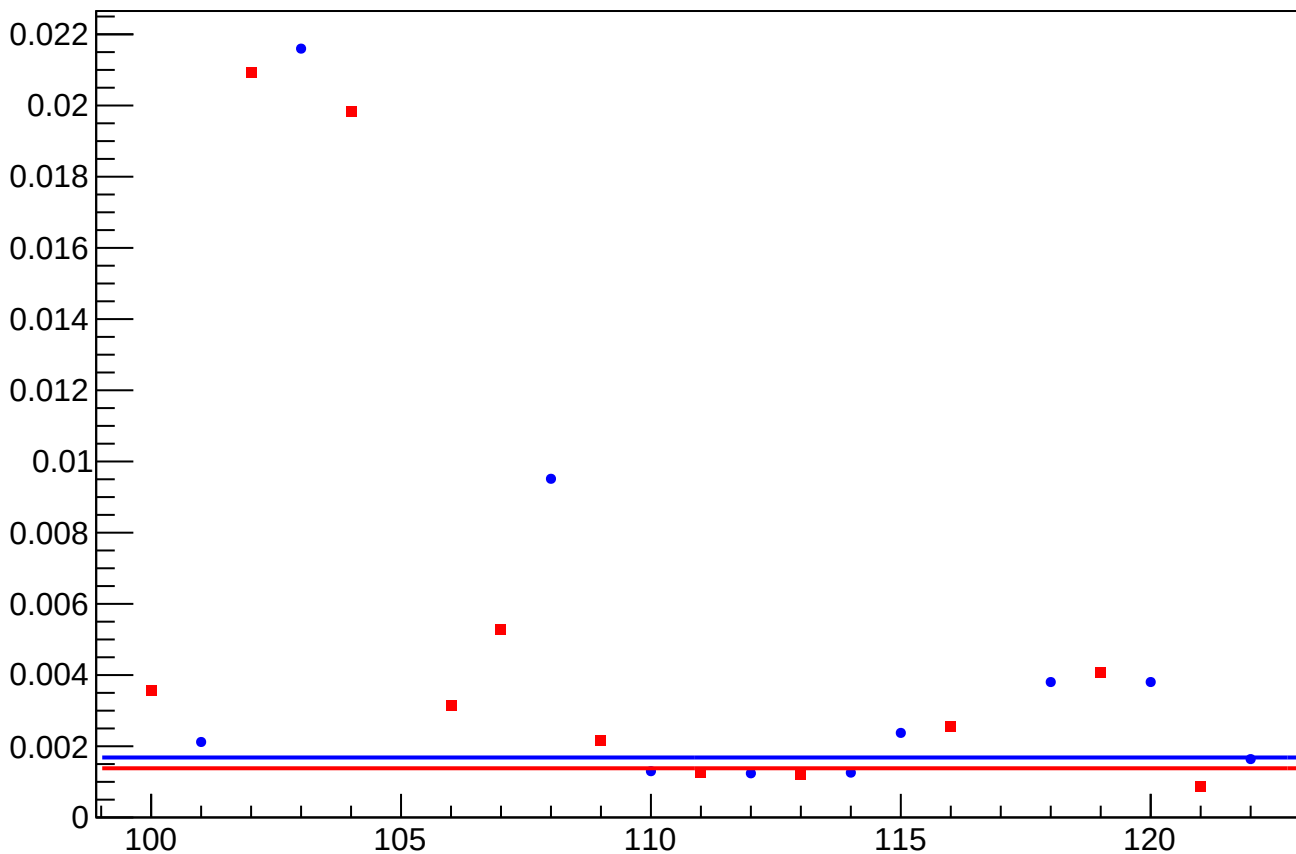
Right: -0.000+/-0.000 χ^2/NDF : 24.6/20

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 : 24.6/20

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2411015.7/9

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3475094.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

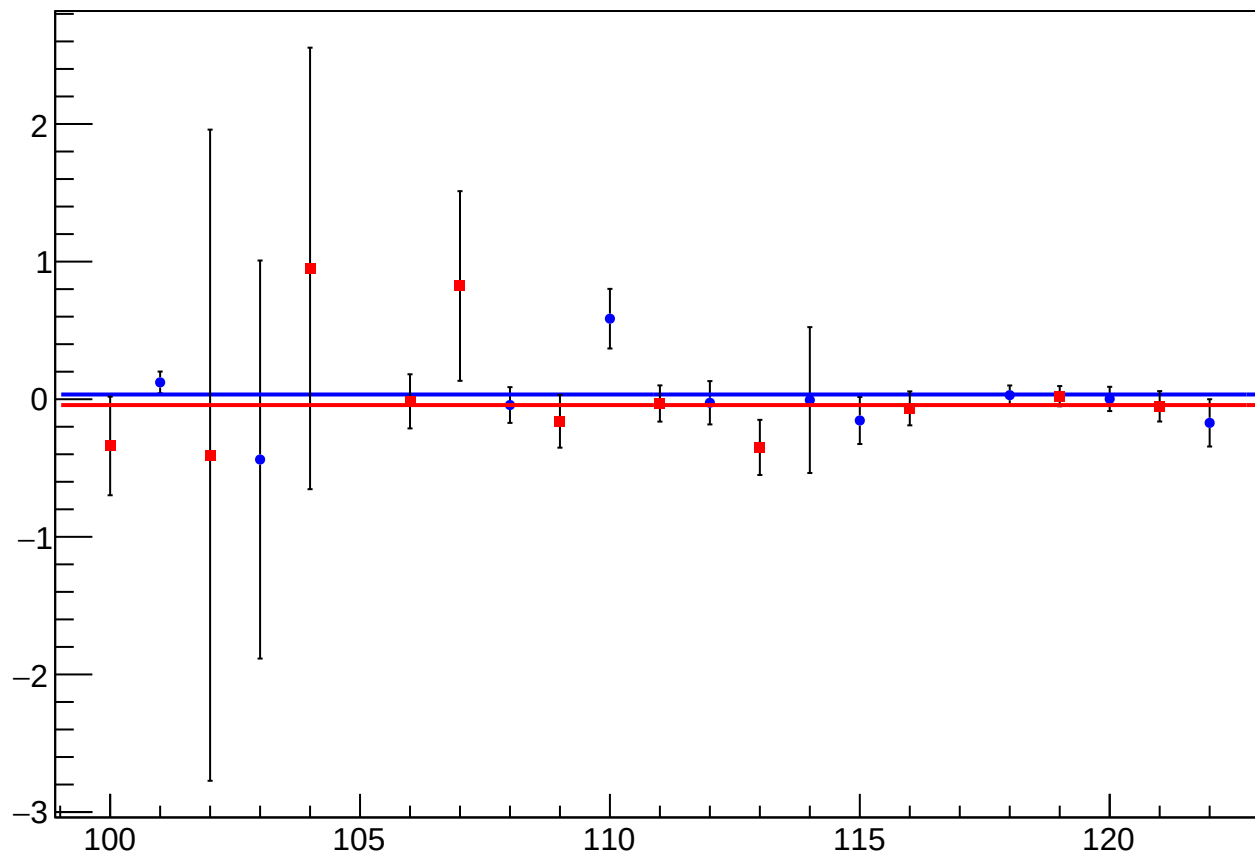
Right: 0.002+/-0.000 χ^2/NDF : 5989298.3/20

In: 0.002+/-0.000 χ^2/NDF :2411015.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5989298.3/20

asym_atl1_eigen_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: -0.043+/-0.046 χ^2/NDF : 6.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

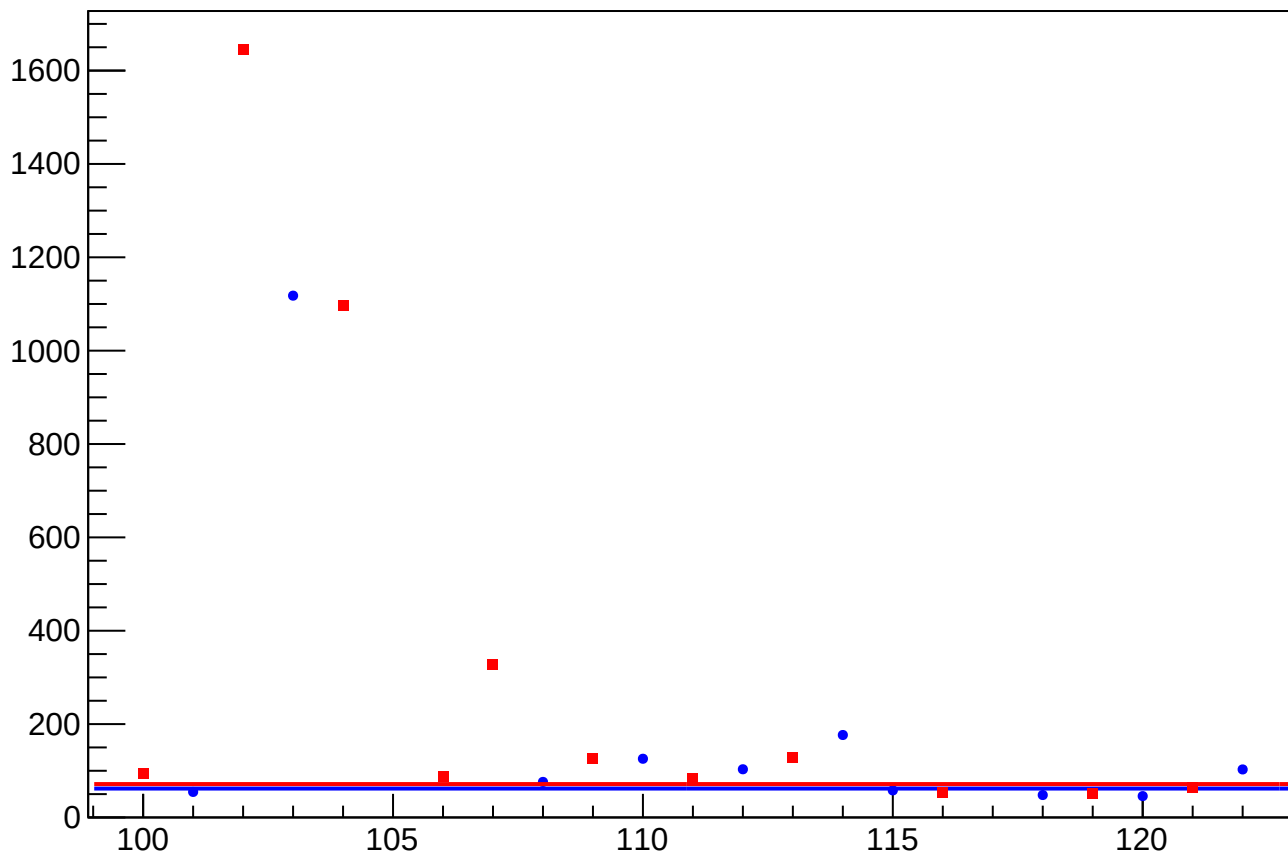
Right: 0.003+/-0.029 χ^2/NDF : 19.0/20

In: 0.034+/-0.038 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.029 χ^2/NDF : 19.0/20

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.907+/-0.027 χ^2/NDF : 1771511.4/9

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

Right Out: 71.519+/-0.032 χ^2/NDF : 2532550.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

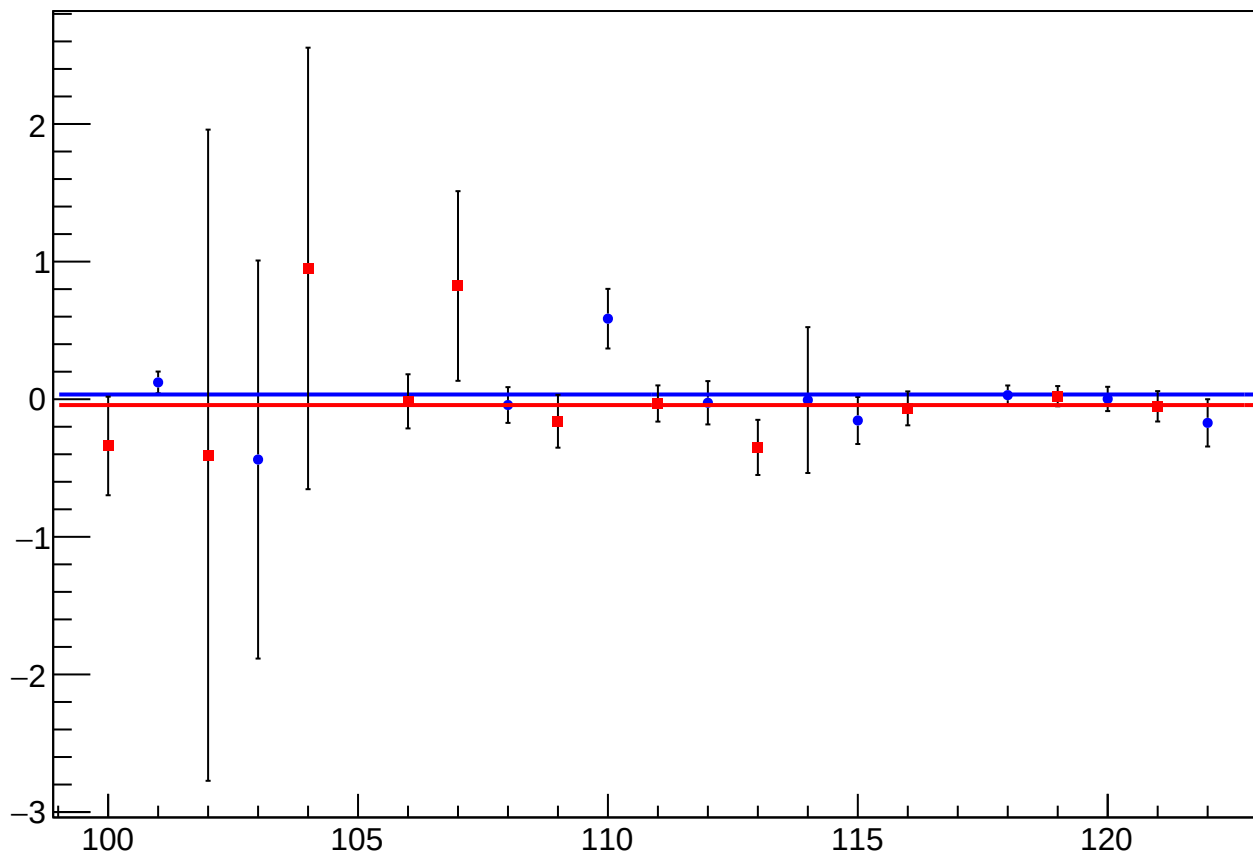
Right: 65.864+/-0.021 χ^2/NDF : 4356180.5/20

In: 61.907+/-0.027 χ^2/NDF : 1771511.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.864+/-0.021 χ^2/NDF : 4356180.5/20

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: -0.043+/-0.046 χ^2/NDF : 6.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

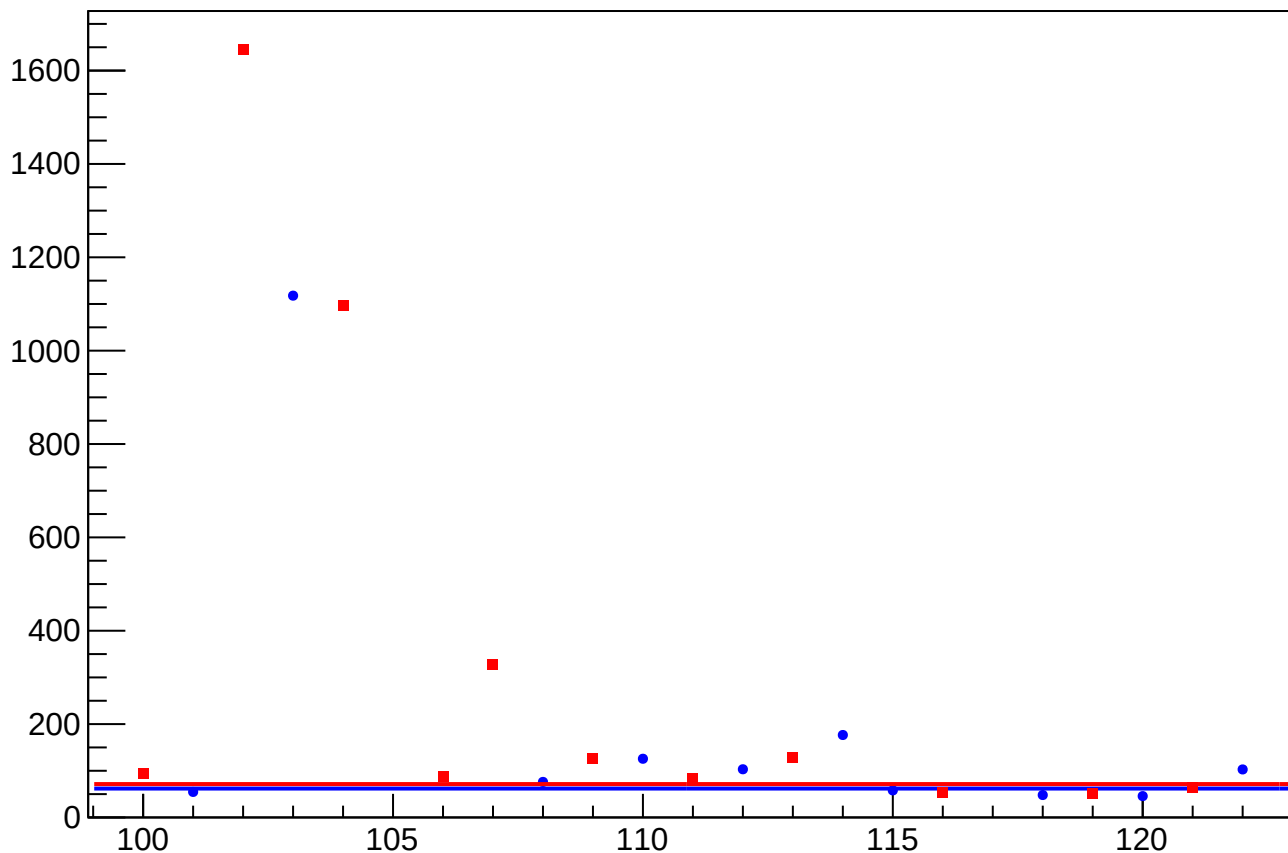
Right: 0.003+/-0.029 χ^2/NDF : 19.0/20

In: 0.034+/-0.038 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.029 χ^2/NDF : 19.0/20

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.907+/-0.027 χ^2/NDF : 1771511.4/9

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

Right Out: 71.519+/-0.032 χ^2/NDF : 2532550.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

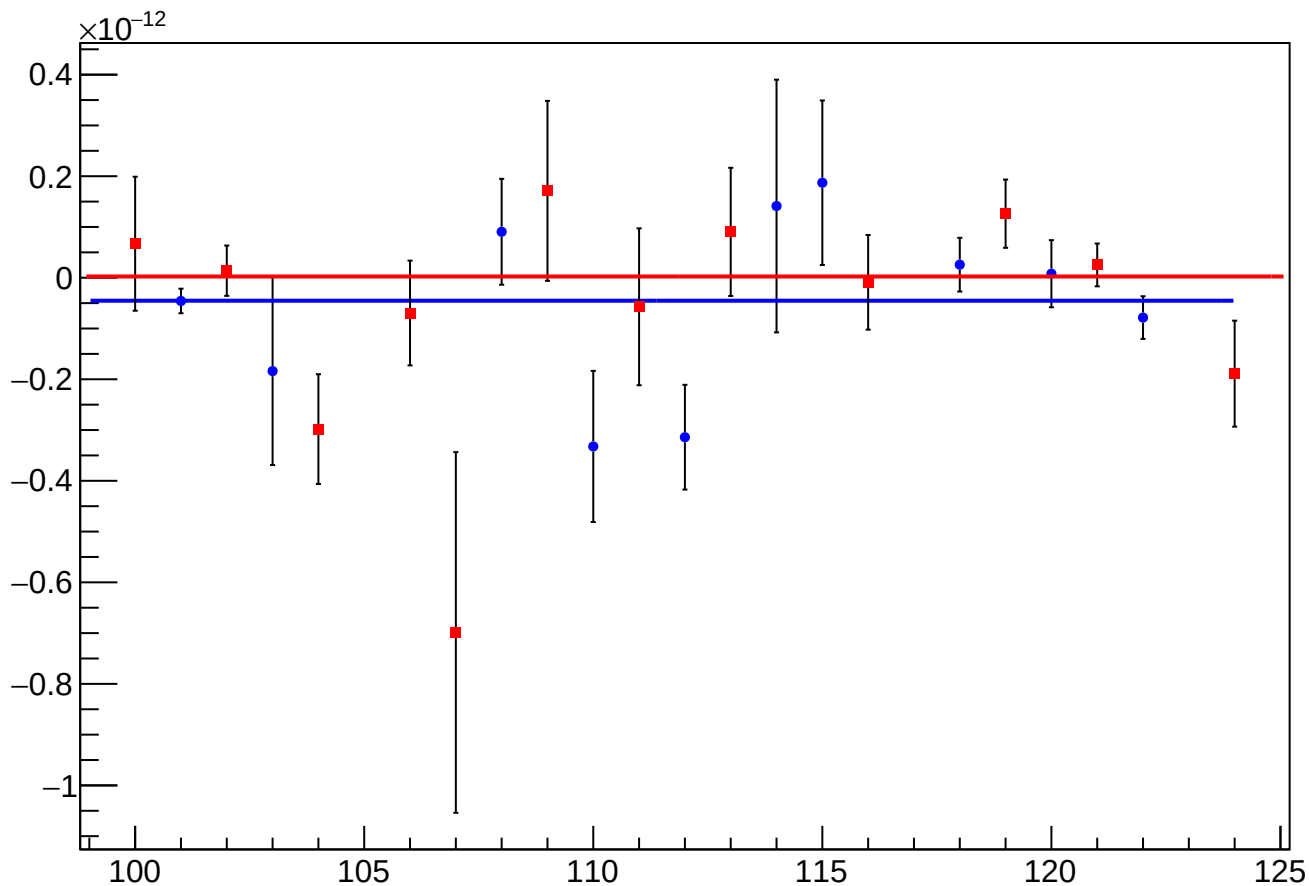
Right: 65.864+/-0.021 χ^2/NDF : 4356180.5/20

In: 61.907+/-0.027 χ^2/NDF : 1771511.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.864+/-0.021 χ^2/NDF : 4356180.5/20

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.5/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 21.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

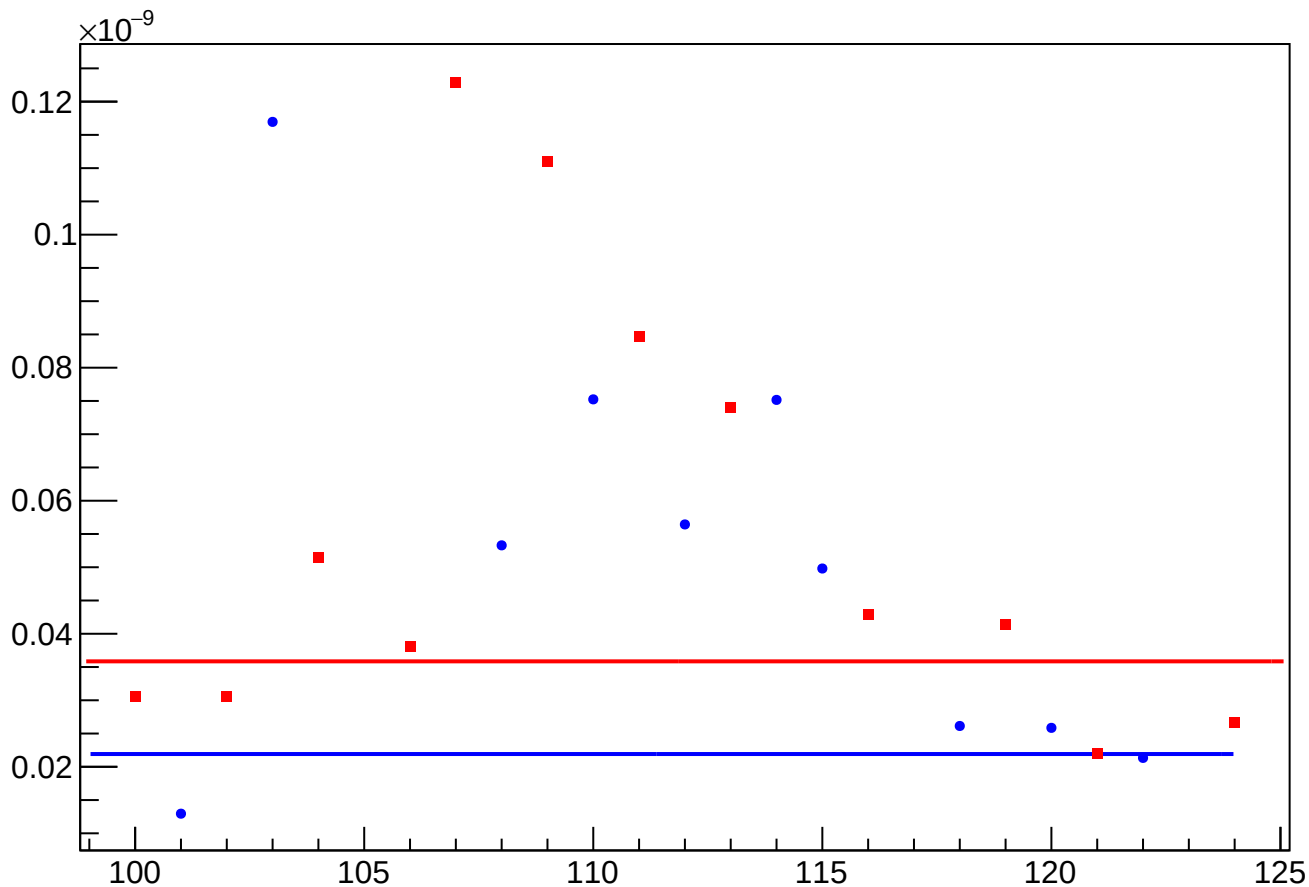
Right: -0.000+/-0.000 χ^2/NDF : 42.1/21

In: -0.000+/-0.000 χ^2/NDF : 18.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.1/21

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1634348.0/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1188201.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

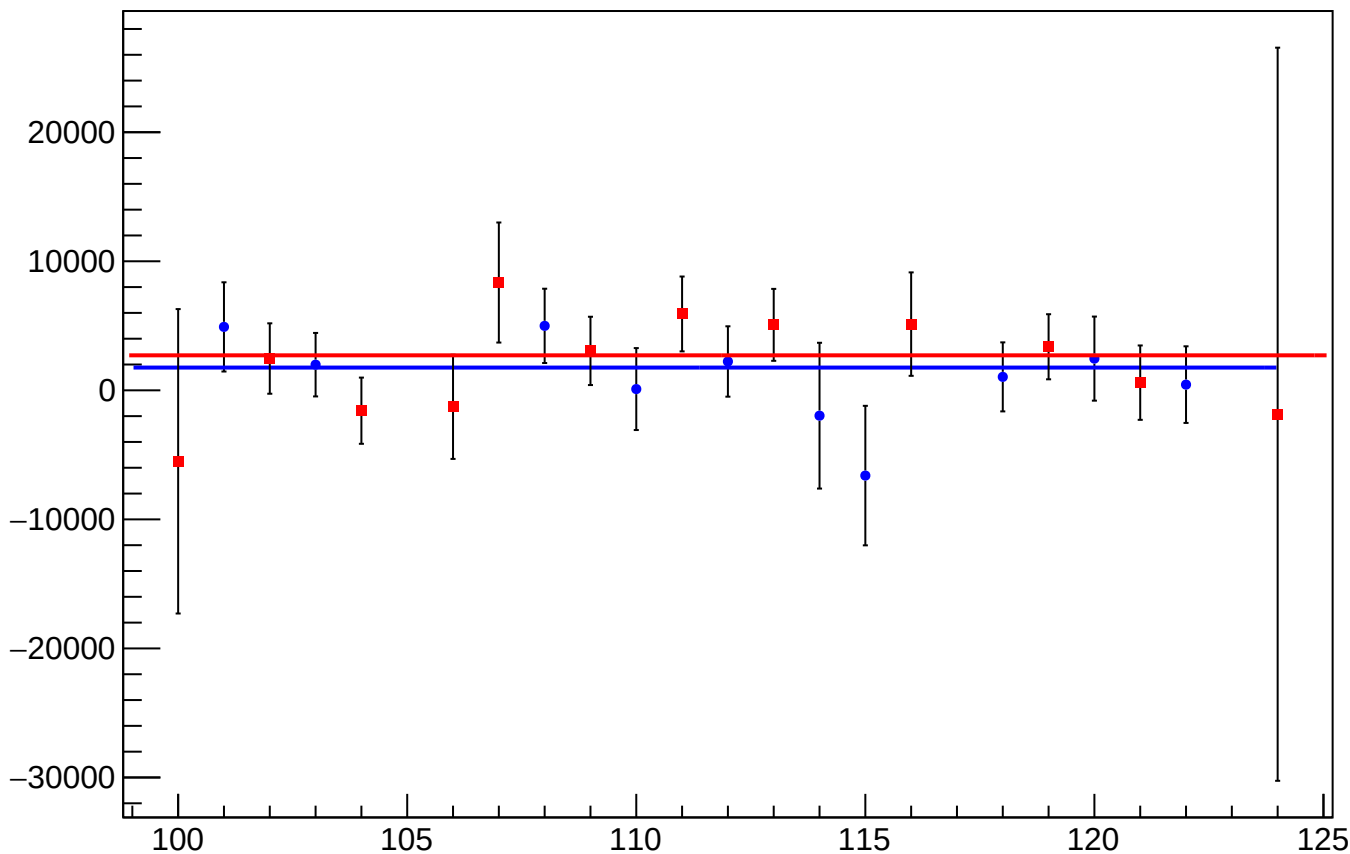
Right: 0.000+/-0.000 χ^2/NDF : 3265212.9/21

In: 0.000+/-0.000 χ^2/NDF : 1634348.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3265212.9/21

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1763.592+/-991.925 χ^2/NDF : 5.6/9

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

Right Out: 2712.187+/-939.578 χ^2/NDF : 8.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

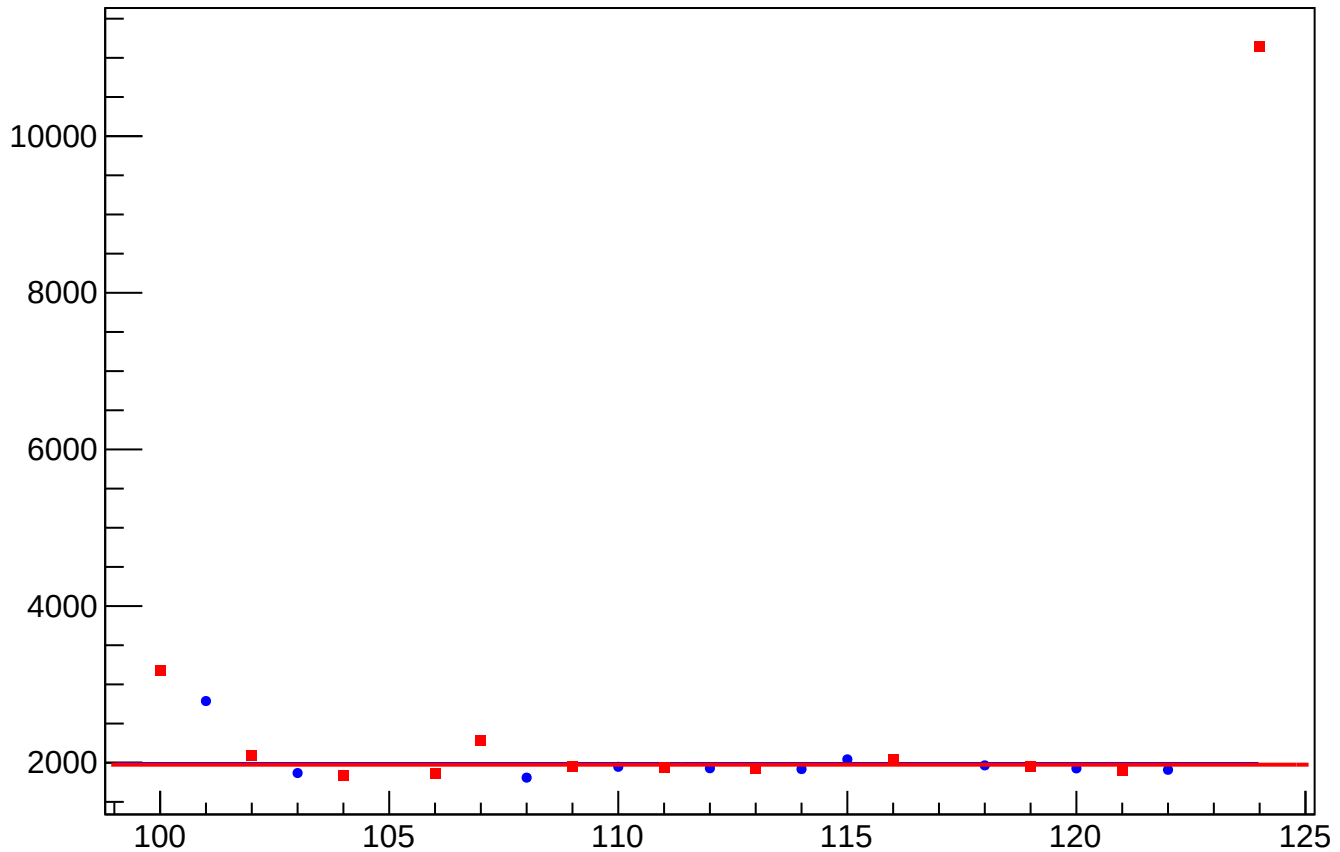
Right: 2263.579+/-682.137 χ^2/NDF : 14.7/21

In: 1763.592+/-991.925 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2263.579+/-682.137 χ^2/NDF : 14.7/21

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1983.837+/-0.701 χ^2/NDF : 123315.0/9

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

Right Out: 1975.049+/-0.664 χ^2/NDF : 252342.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

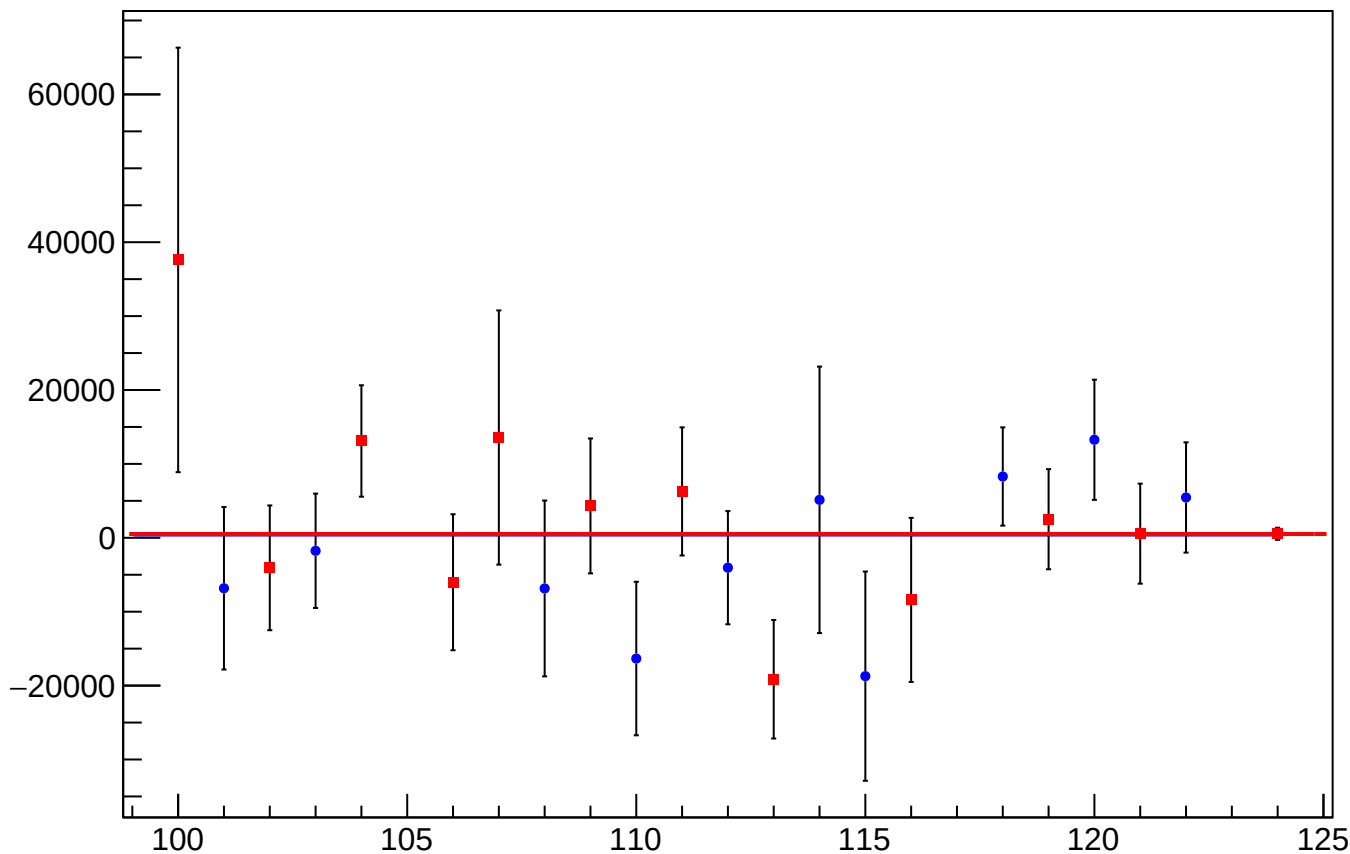
Right: 1979.205+/-0.482 χ^2/NDF : 375740.1/21

In: 1983.837+/-0.701 χ^2/NDF : 123315.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1979.205+/-0.482 χ^2/NDF : 375740.1/21

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: 443.660+/-2861.198 χ^2/NDF : 10.1/9

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

Right Out: 514.220+/-783.758 χ^2/NDF : 13.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

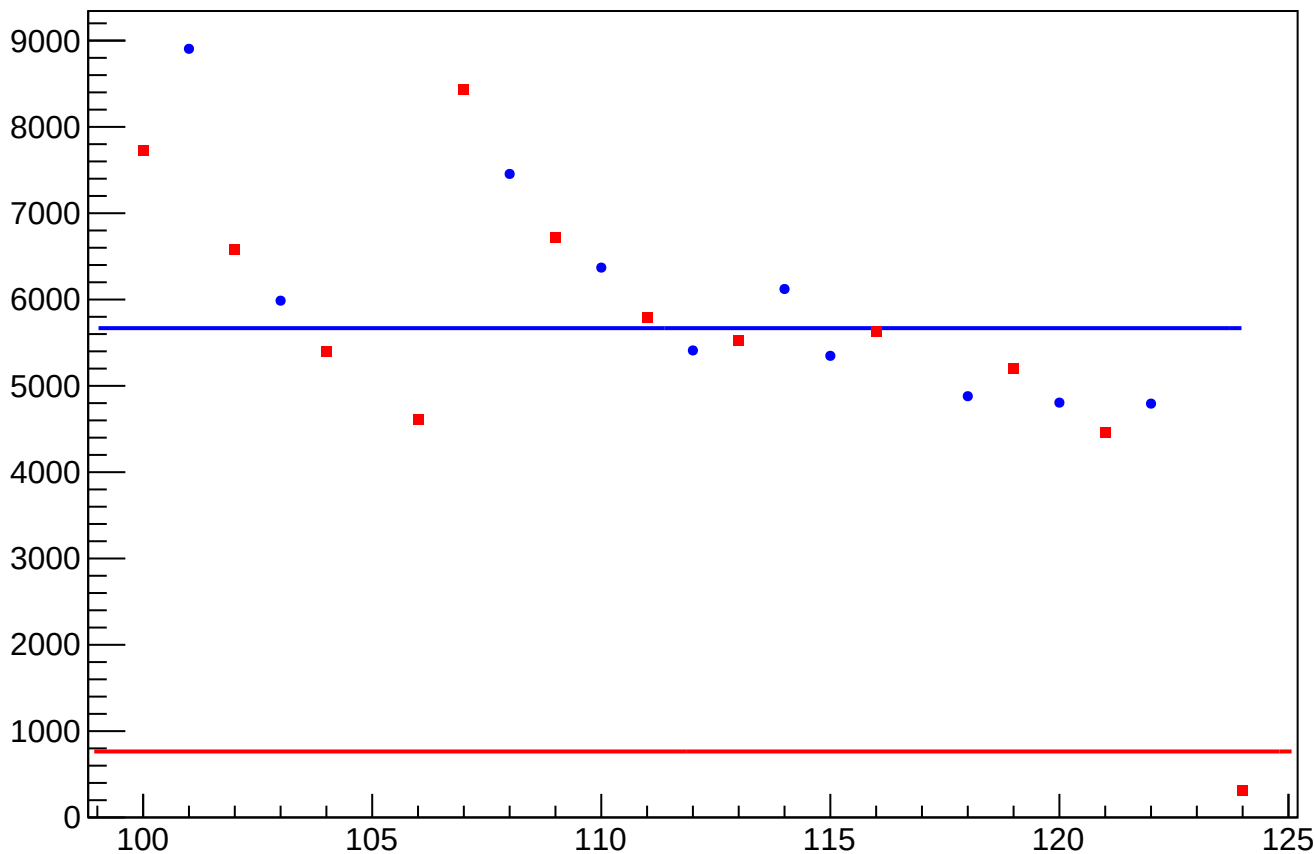
Right: 509.295+/-755.911 χ^2/NDF : 23.3/21

In: 443.660+/-2861.198 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.295+/-755.911 χ^2/NDF : 23.3/21

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 5668.527+/-2.023 χ^2/NDF : 313535.9/9

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

Right Out: 764.313+/-0.554 χ^2/NDF : 7242627.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

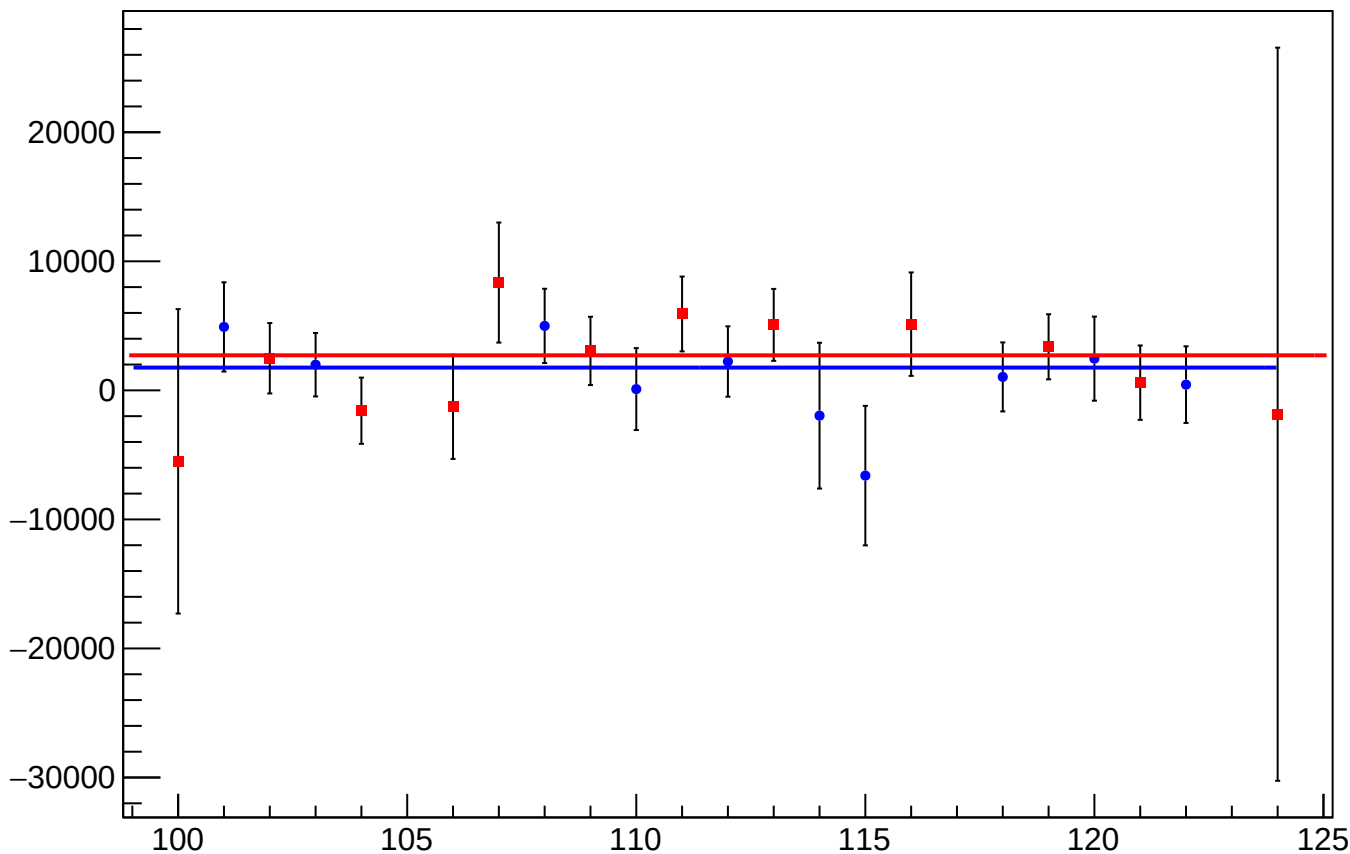
Right: 1106.619+/-0.535 χ^2/NDF : 13021918.0/21

In: 5668.527+/-2.023 χ^2/NDF : 313535.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.619+/-0.535 χ^2/NDF : 13021918.0/21

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1763.888+/-991.925 χ^2/NDF : 5.6/9

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

Right Out: 2715.024+/-939.592 χ^2/NDF : 8.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

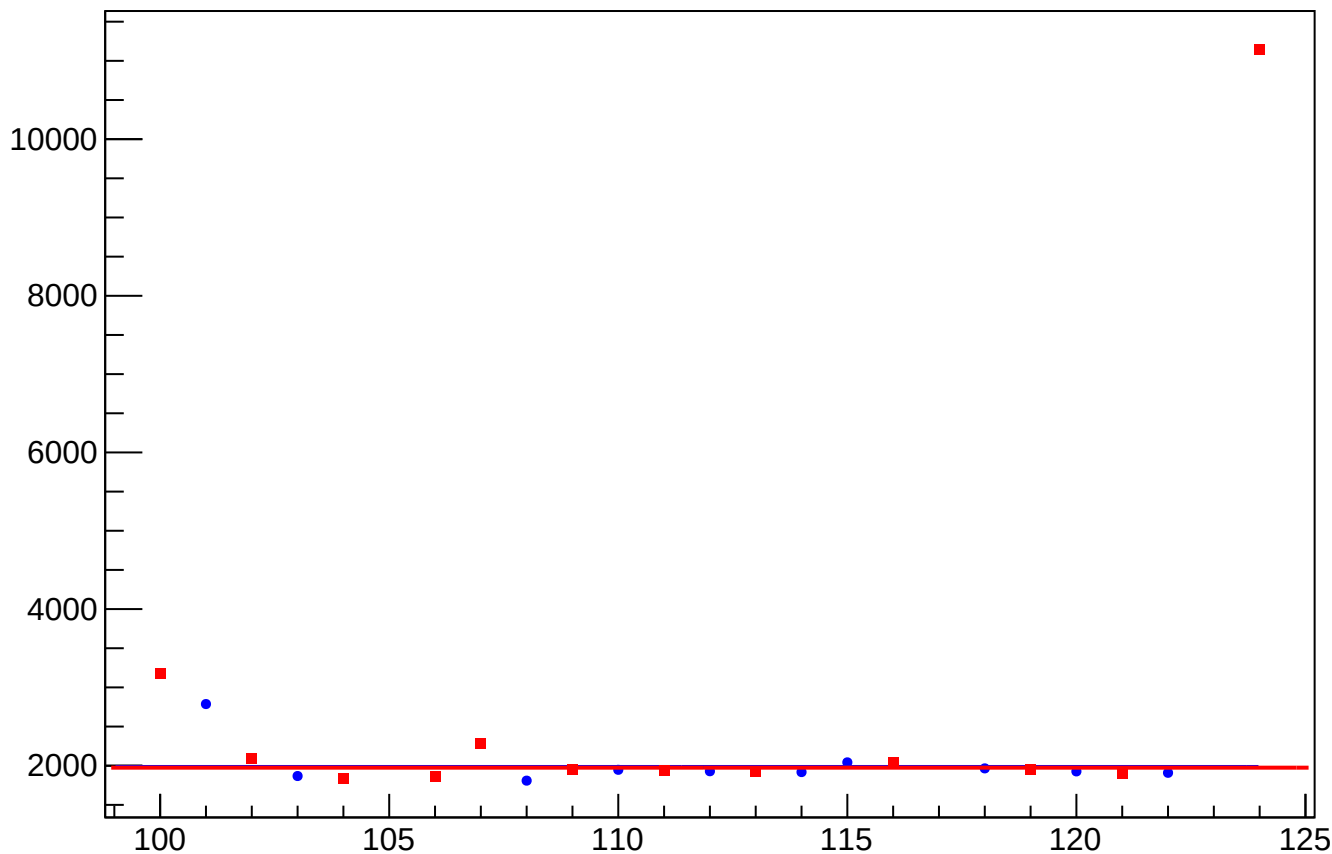
Right: 2265.207+/-682.143 χ^2/NDF : 14.7/21

In: 1763.888+/-991.925 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2265.207+/-682.143 χ^2/NDF : 14.7/21

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1983.837+/-0.701 χ^2/NDF : 123314.7/9

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

Right Out: 1975.081+/-0.664 χ^2/NDF : 252360.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

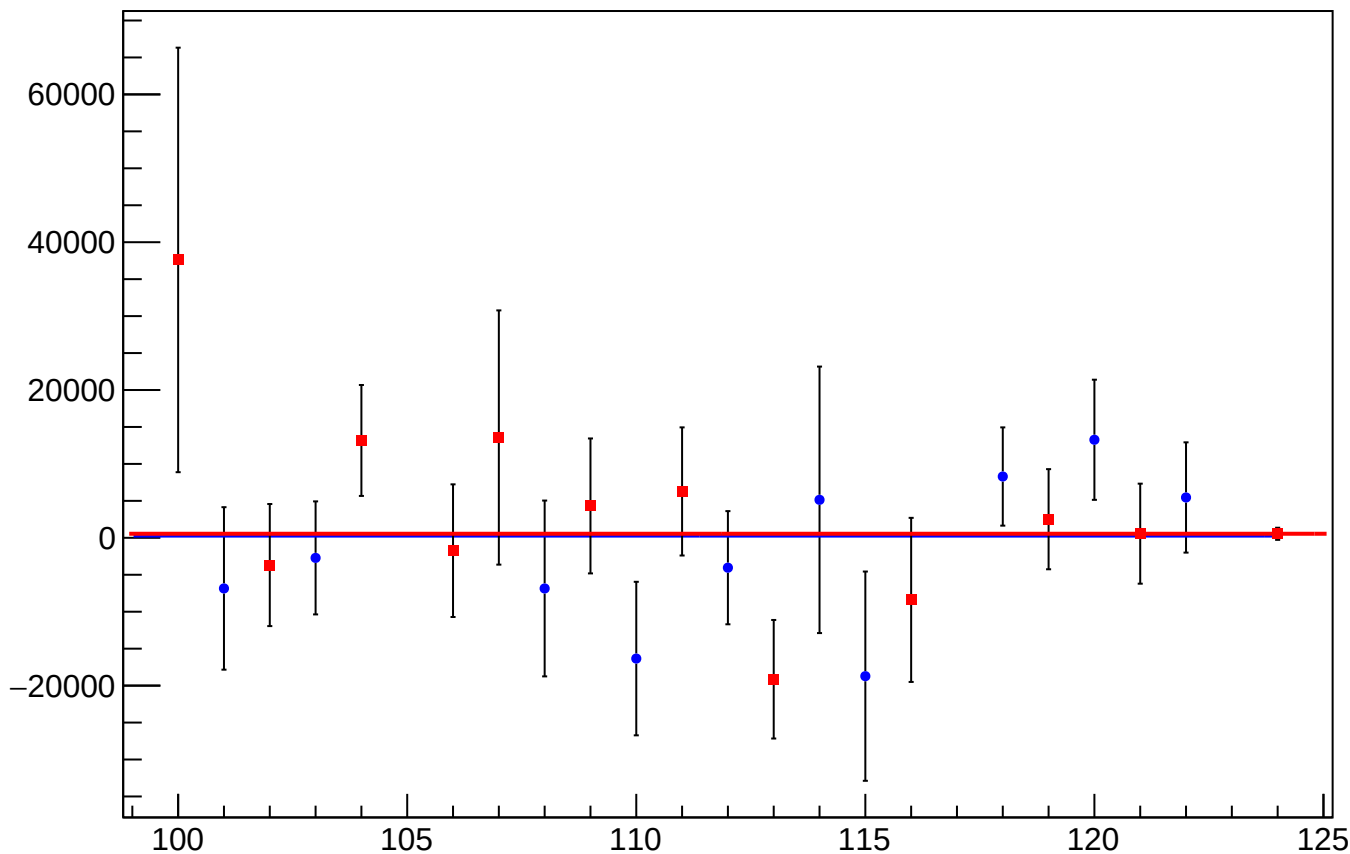
Right: 1979.222+/-0.482 χ^2/NDF : 375757.8/21

In: 1983.837+/-0.701 χ^2/NDF : 123314.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1979.222+/-0.482 χ^2/NDF : 375757.8/21

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.573+/-2856.544 χ^2/NDF : 10.2/9

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

Right Out: 548.868+/-783.398 χ^2/NDF : 12.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

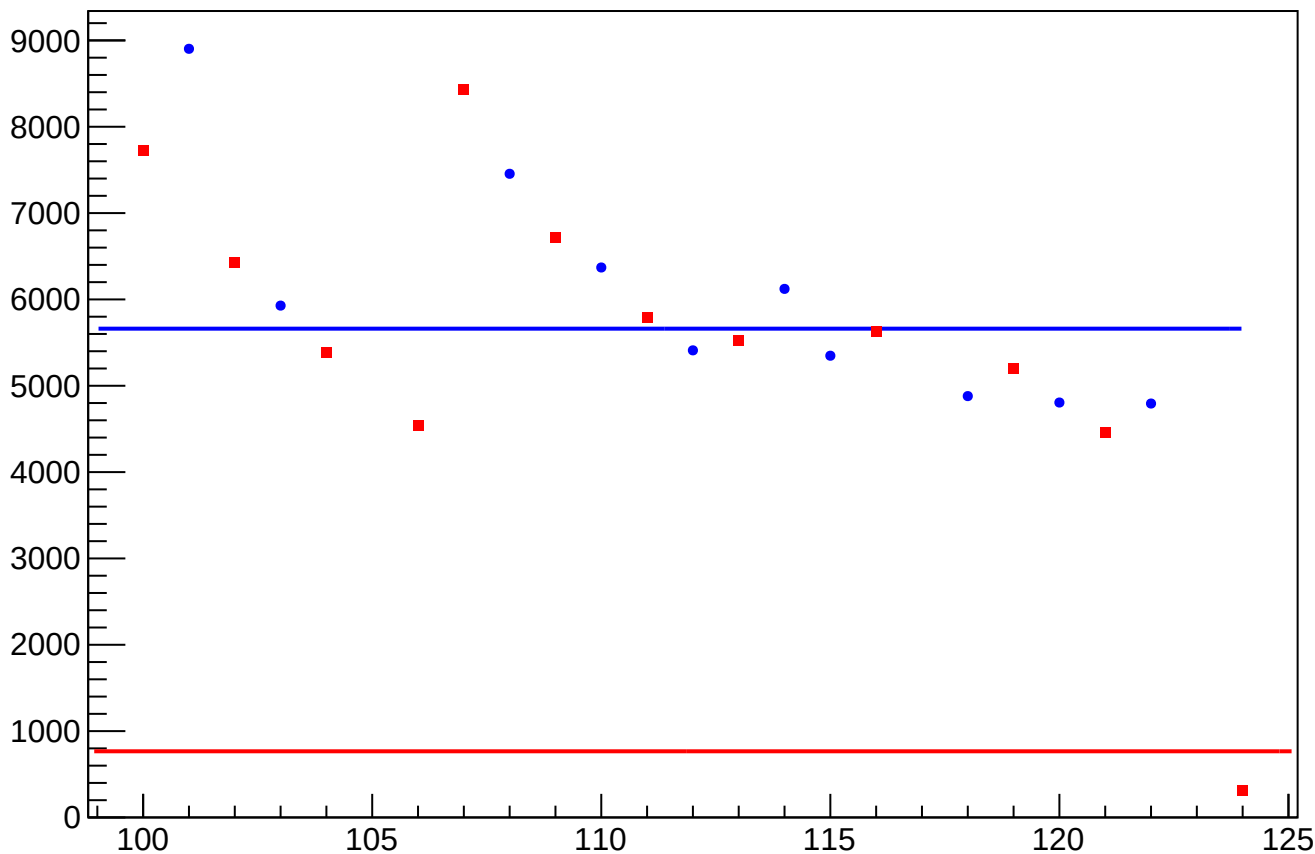
Right: 531.570+/-755.502 χ^2/NDF : 22.9/21

In: 301.573+/-2856.544 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.570+/-755.502 χ^2/NDF : 22.9/21

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 5661.339+/-2.020 χ^2/NDF : 312309.5/9

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

Right Out: 766.313+/-0.554 χ^2/NDF : 7241487.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

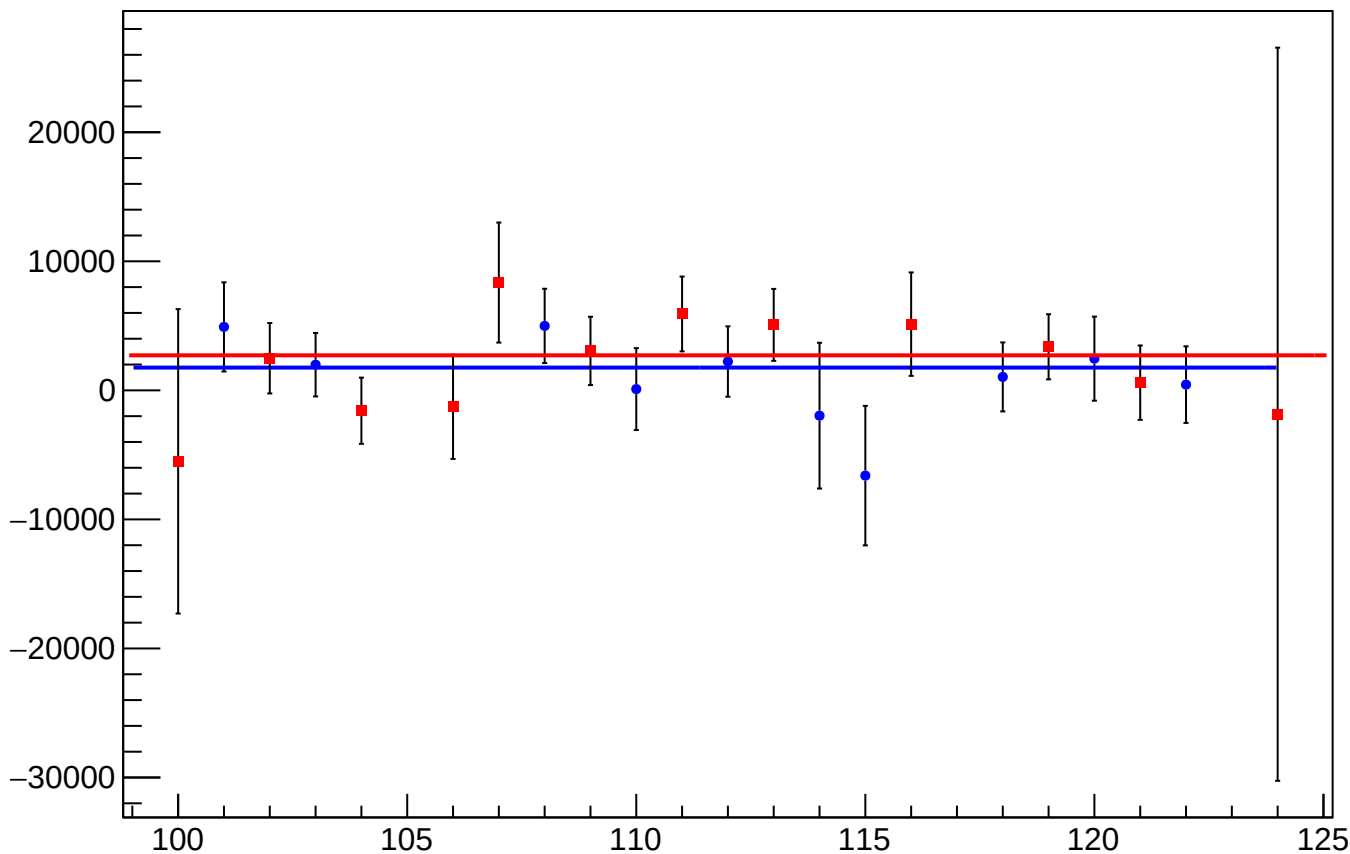
Right: 1108.721+/-0.534 χ^2/NDF : 13015957.3/21

In: 5661.339+/-2.020 χ^2/NDF : 312309.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.721+/-0.534 χ^2/NDF : 13015957.3/21

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1763.888+/-991.925 χ^2/NDF : 5.6/9

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

Right Out: 2715.024+/-939.592 χ^2/NDF : 8.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

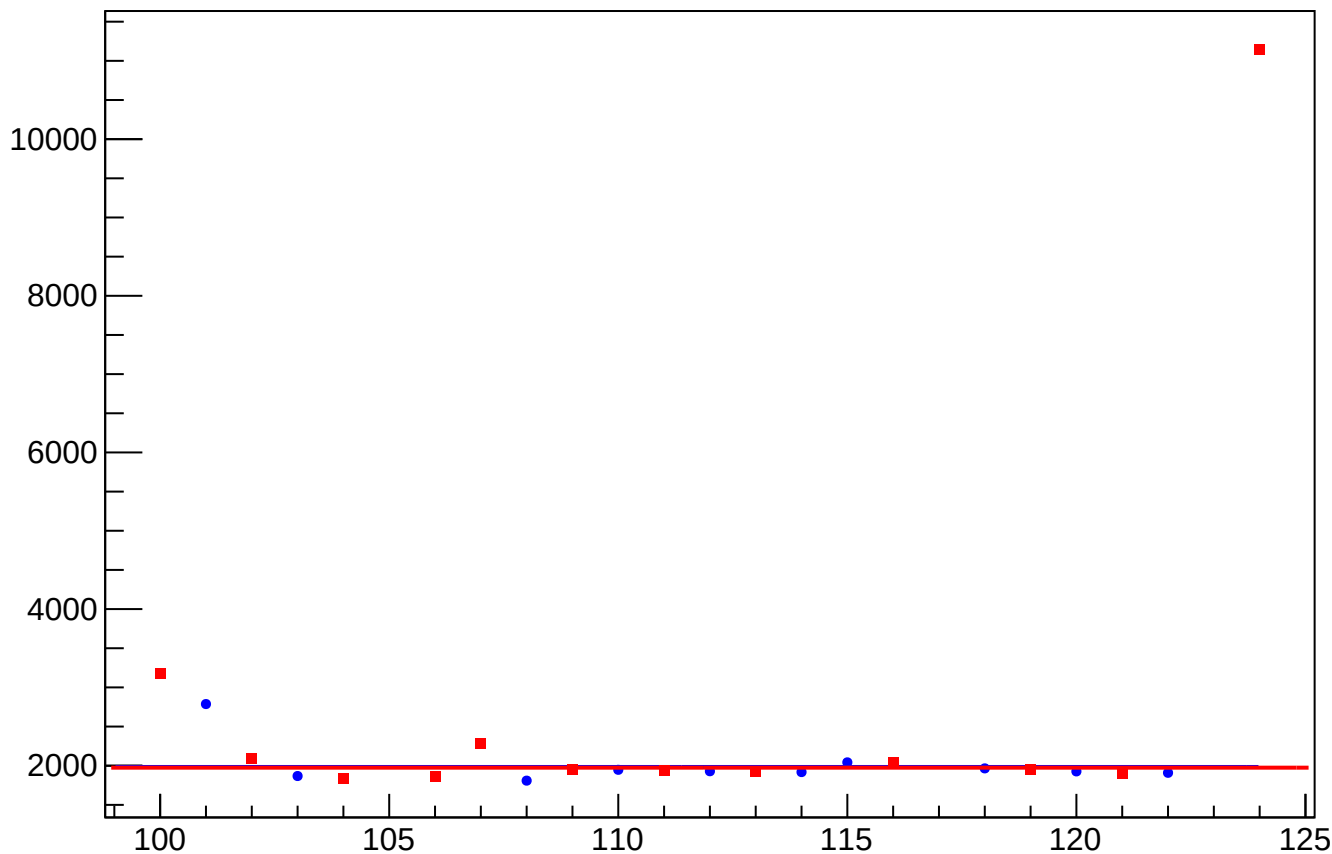
Right: 2265.207+/-682.143 χ^2/NDF : 14.7/21

In: 1763.888+/-991.925 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2265.207+/-682.143 χ^2/NDF : 14.7/21

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1983.837+/-0.701 χ^2/NDF : 123314.7/9

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

Right Out: 1975.081+/-0.664 χ^2/NDF : 252360.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

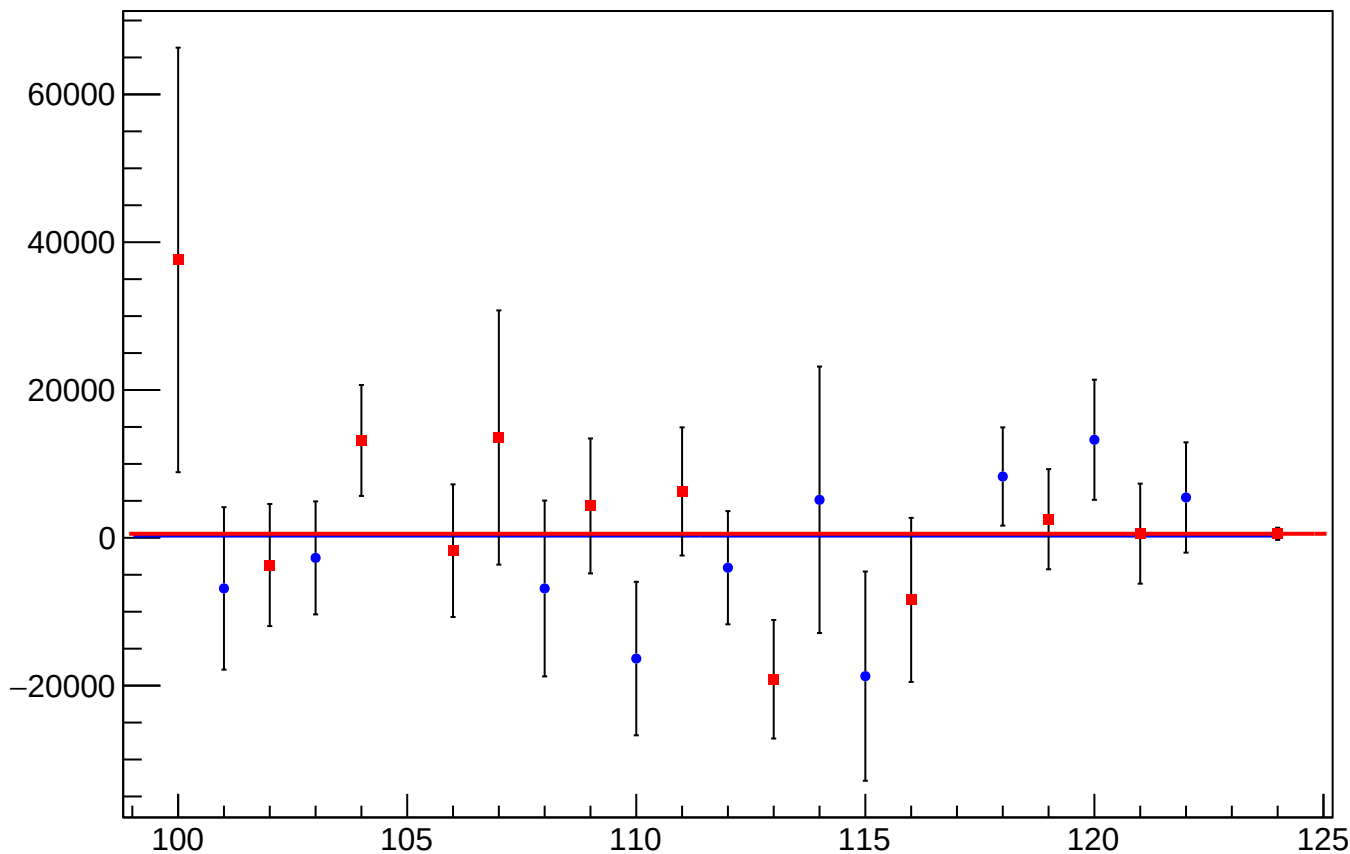
Right: 1979.222+/-0.482 χ^2/NDF : 375757.8/21

In: 1983.837+/-0.701 χ^2/NDF : 123314.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1979.222+/-0.482 χ^2/NDF : 375757.8/21

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.573+/-2856.544 χ^2/NDF : 10.2/9

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

Right Out: 548.868+/-783.398 χ^2/NDF : 12.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

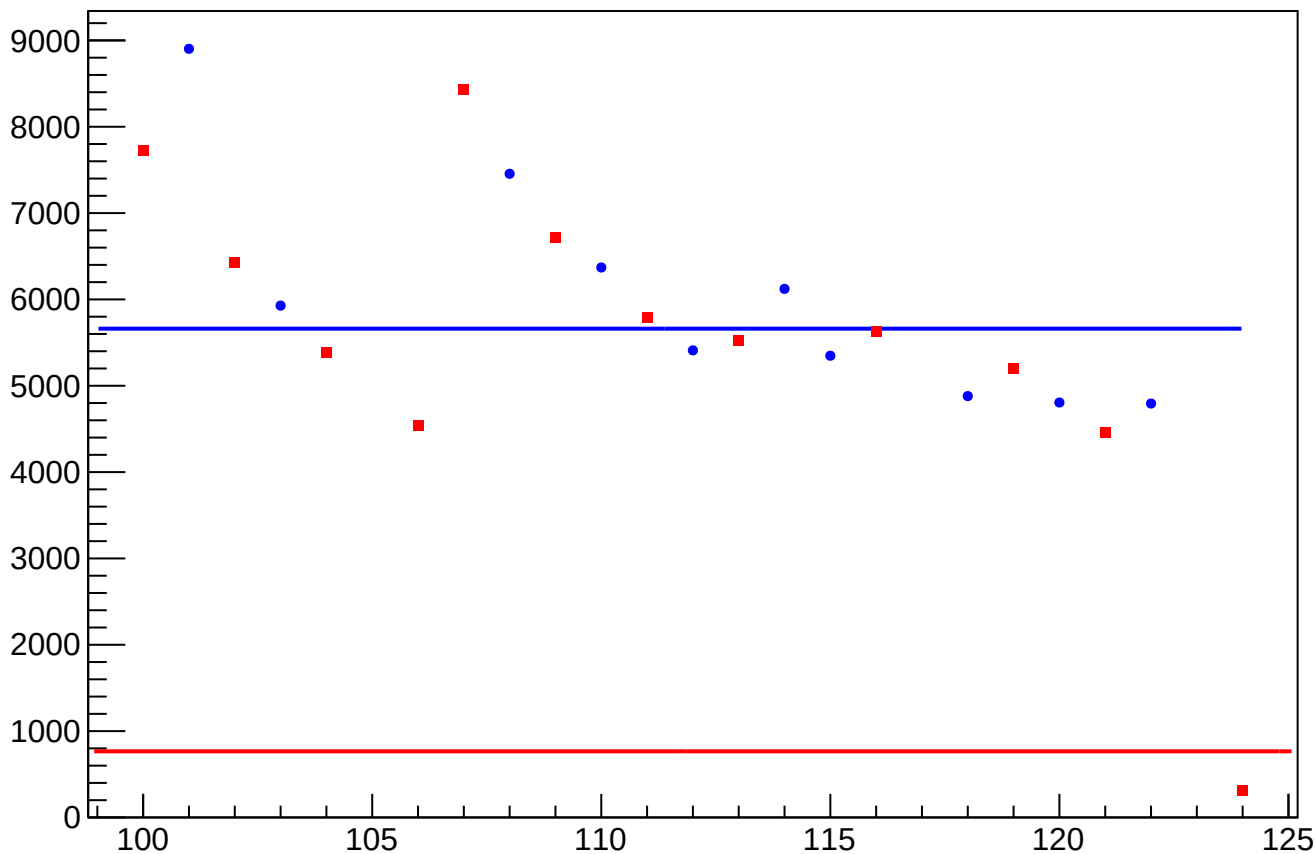
Right: 531.570+/-755.502 χ^2/NDF : 22.9/21

In: 301.573+/-2856.544 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.570+/-755.502 χ^2/NDF : 22.9/21

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5661.339+/-2.020 χ^2/NDF : 312309.5/9

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

Right Out: 766.313+/-0.554 χ^2/NDF : 7241487.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

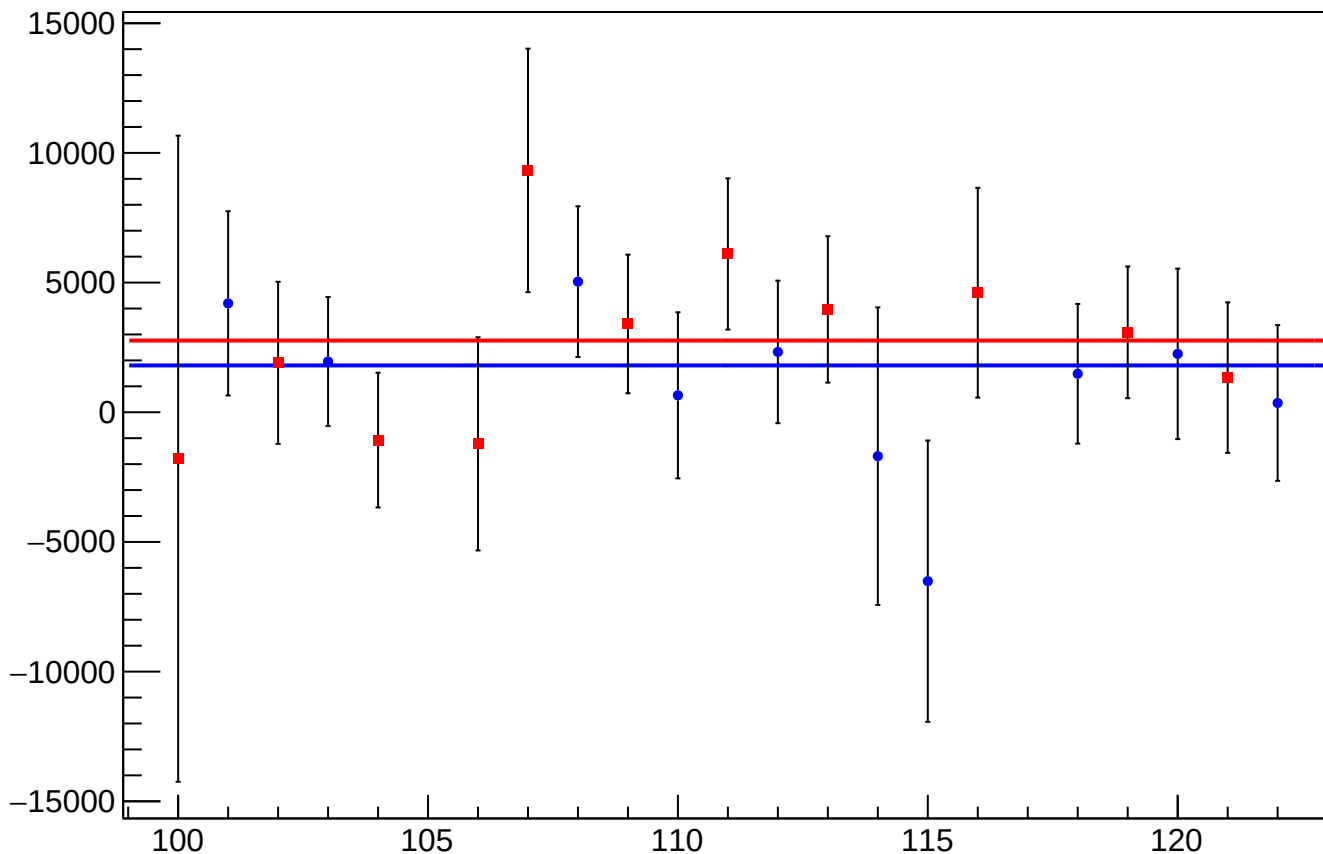
Right: 1108.721+/-0.534 χ^2/NDF : 13015957.3/21

In: 5661.339+/-2.020 χ^2/NDF : 312309.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.721+/-0.534 χ^2/NDF : 13015957.3/21

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1805.932+/-1002.300 χ^2 /NDF: 4.8/9

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

Right Out: 2765.478+/-962.343 χ^2 /NDF: 7.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

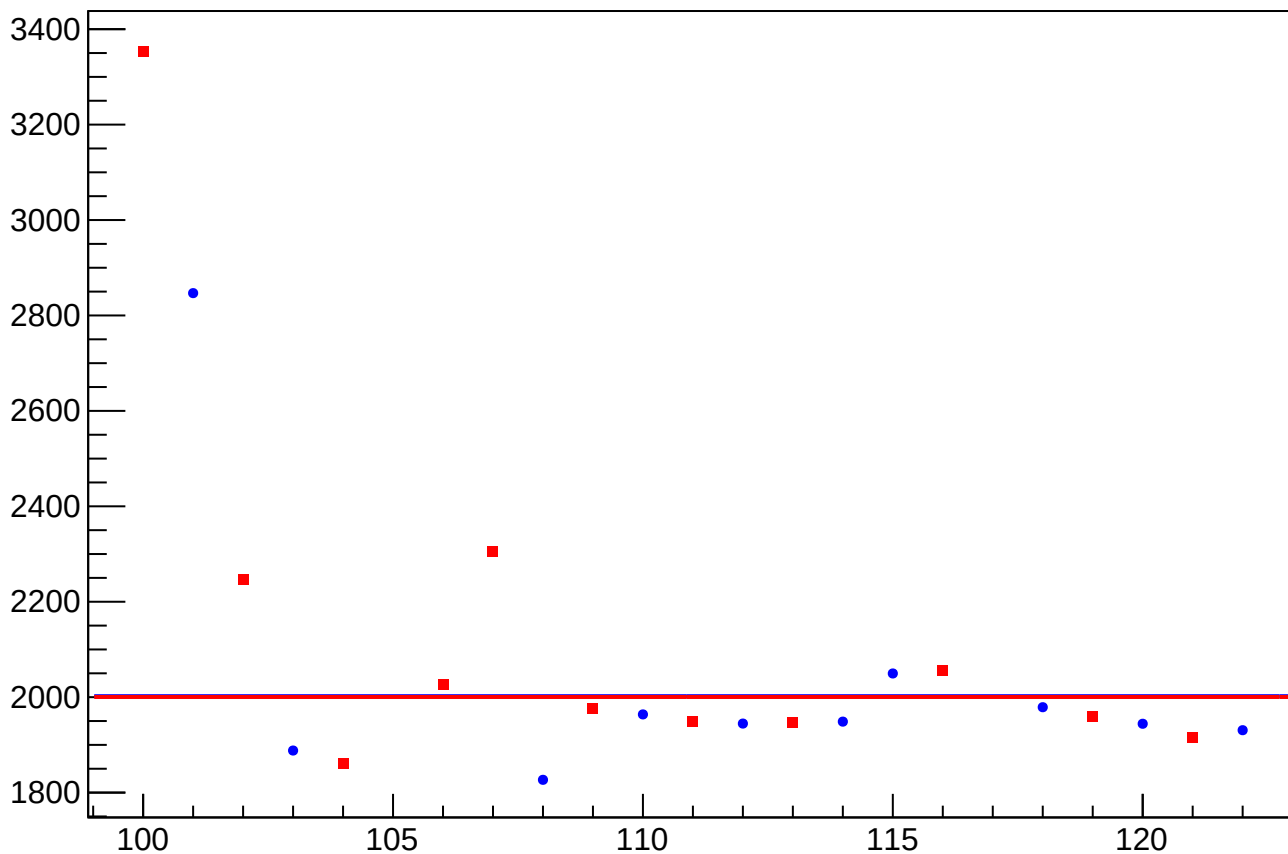
Right: 2305.212+/-694.176 χ^2 /NDF: 12.6/20

In: 1805.932+/-1002.300 χ^2 /NDF:4.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2305.212+/-694.176 χ^2 /NDF: 12.6/20

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2002.045+/-0.709 χ^2/NDF : 127952.1/9

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

Right Out: 2000.421+/-0.679 χ^2/NDF : 54374.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

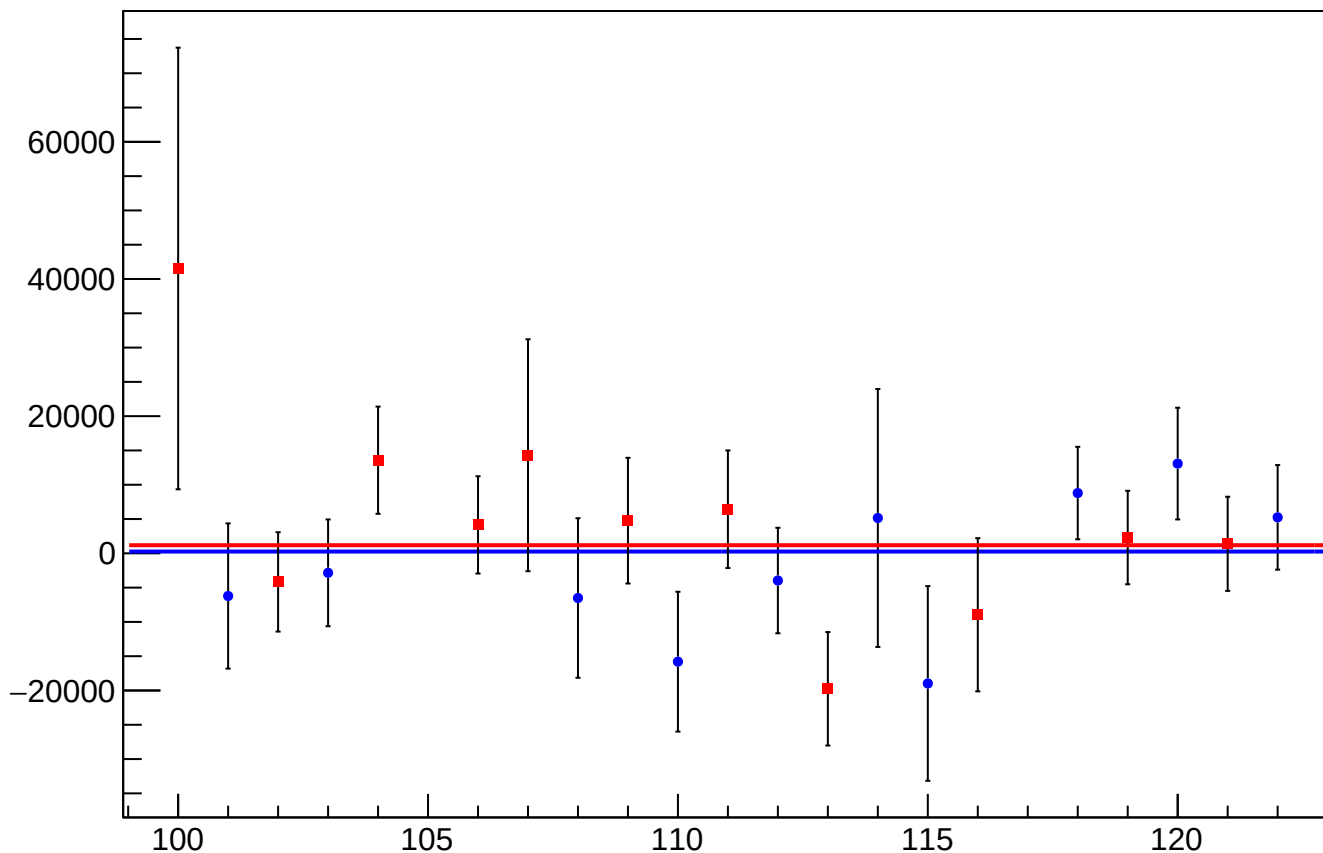
Right: 2001.198+/-0.490 χ^2/NDF : 182329.6/20

In: 2002.045+/-0.709 χ^2/NDF : 127952.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.198+/-0.490 χ^2/NDF : 182329.6/20

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: 260.710+/-2870.179 χ^2/NDF : 10.1/9

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

Right Out: 1182.909+/-2576.525 χ^2/NDF : 13.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

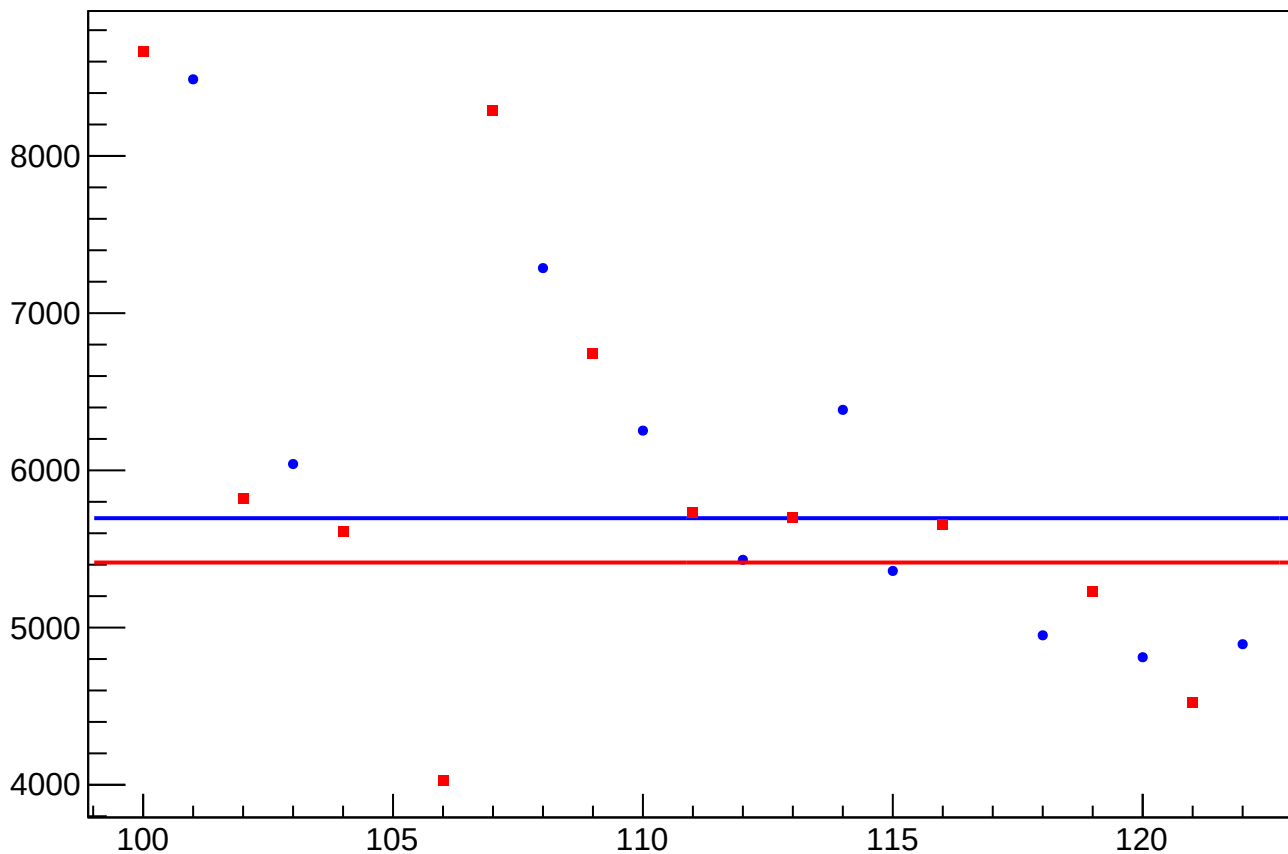
Right: 771.385+/-1917.319 χ^2/NDF : 23.3/20

In: 260.710+/-2870.179 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 771.385+/-1917.319 χ^2/NDF : 23.3/20

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 5695.876+/-2.030 χ^2/NDF : 262602.0/9

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

Right Out: 5413.894+/-1.822 χ^2/NDF : 245220.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

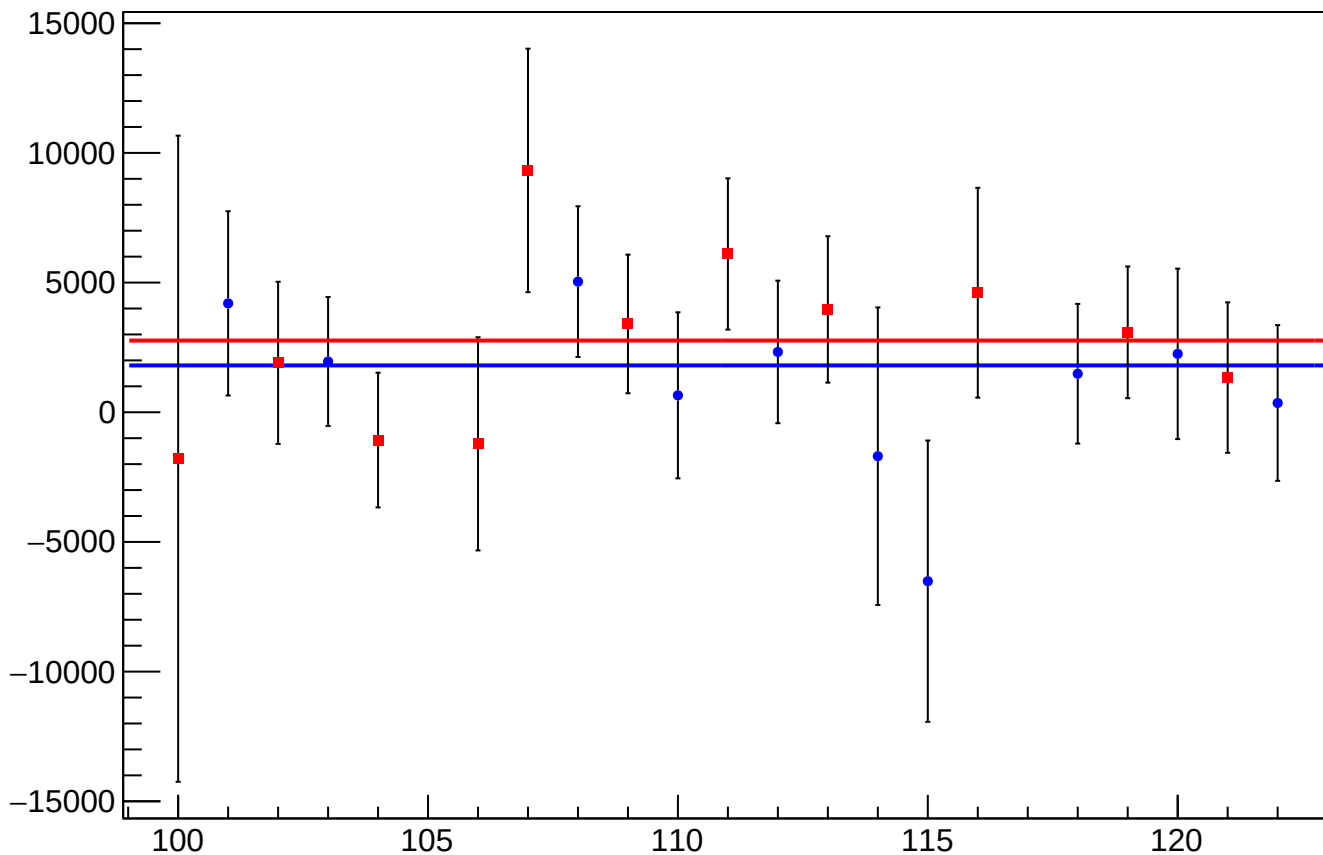
Right: 5539.726+/-1.356 χ^2/NDF : 518512.6/20

In: 5695.876+/-2.030 χ^2/NDF : 262602.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5539.726+/-1.356 χ^2/NDF : 518512.6/20

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1805.932+/-1002.300 χ^2/NDF : 4.8/9

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

Right Out: 2765.494+/-962.343 χ^2/NDF : 7.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

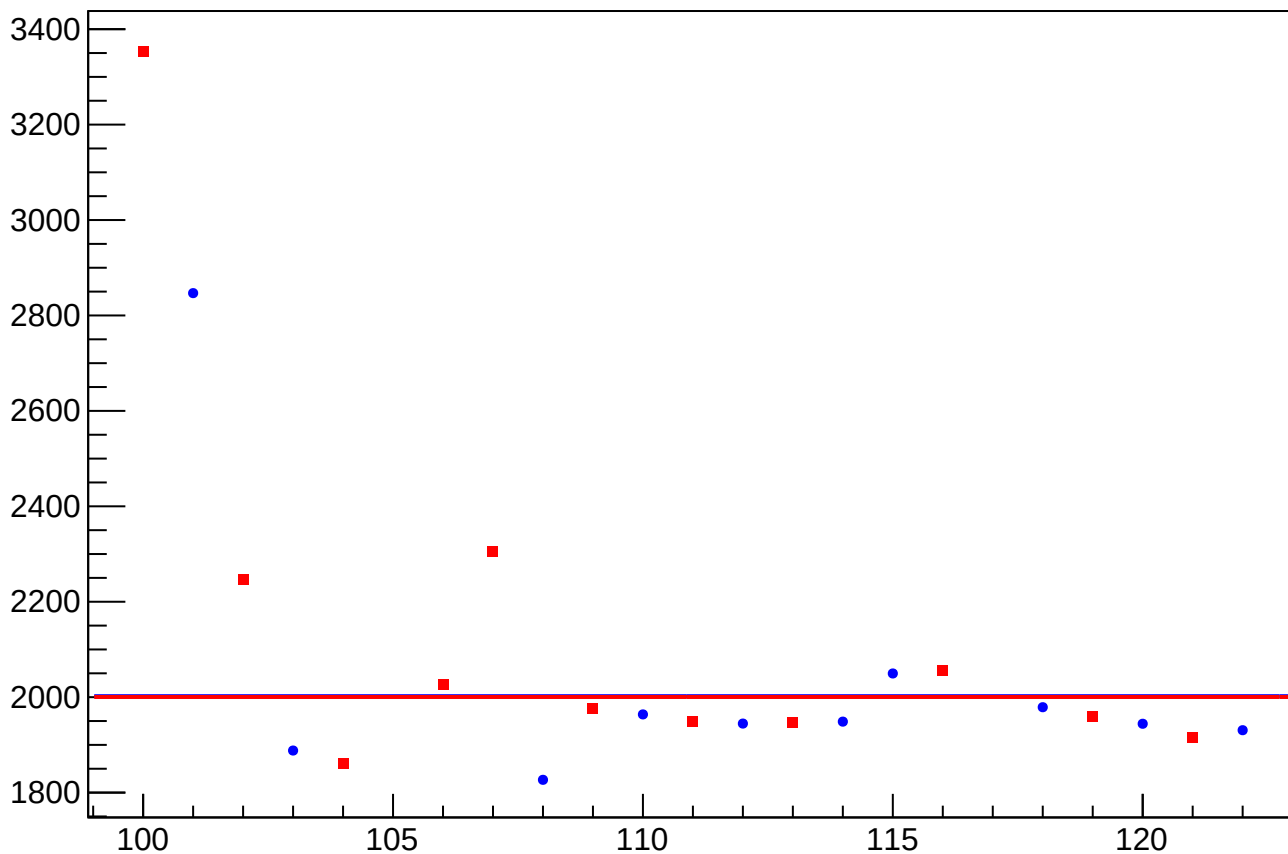
Right: 2305.220+/-694.176 χ^2/NDF : 12.6/20

In: 1805.932+/-1002.300 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2305.220+/-694.176 χ^2/NDF : 12.6/20

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2002.045+/-0.709 χ^2/NDF : 127951.8/9

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

Right Out: 2000.420+/-0.679 χ^2/NDF : 54374.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

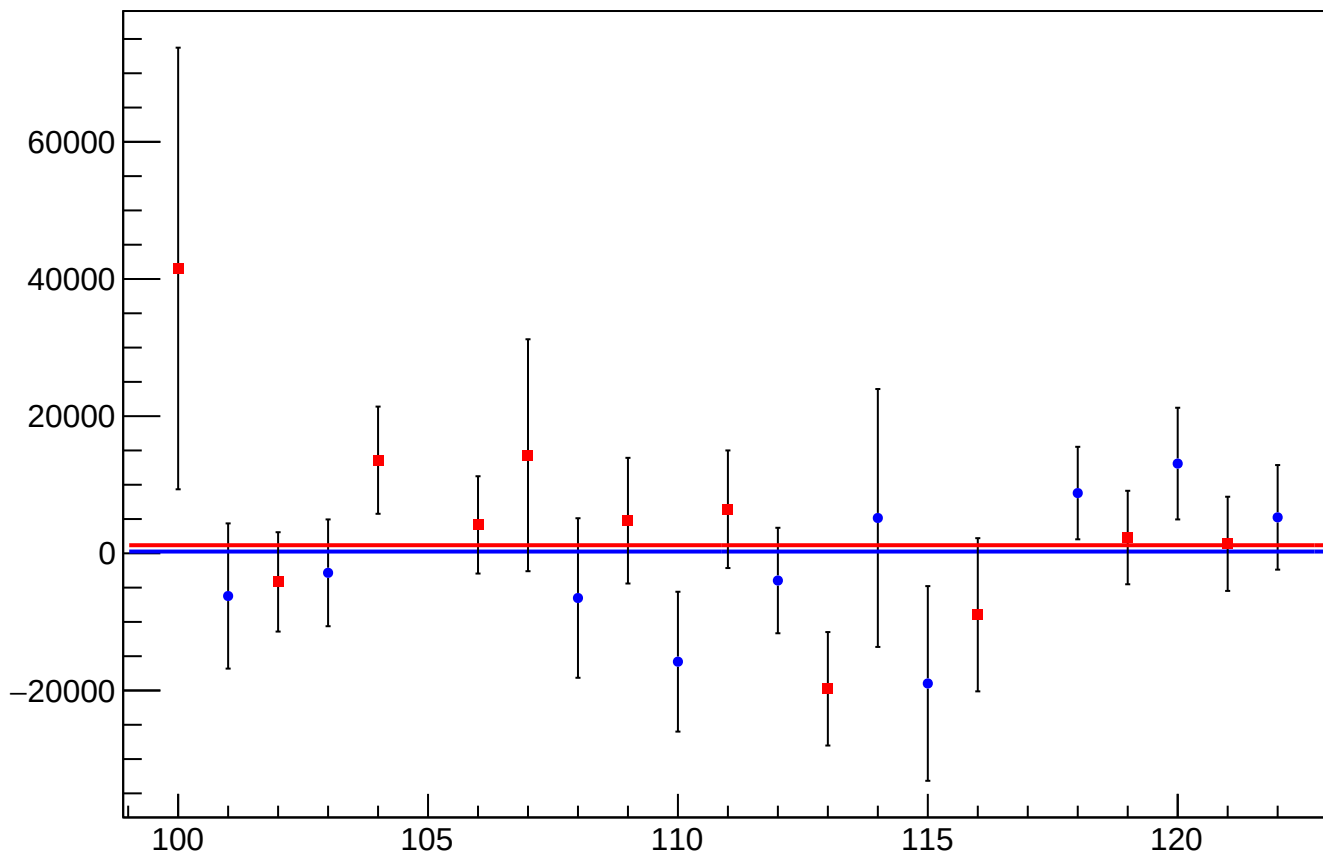
Right: 2001.198+/-0.490 χ^2/NDF : 182329.3/20

In: 2002.045+/-0.709 χ^2/NDF : 127951.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.198+/-0.490 χ^2/NDF : 182329.3/20

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 260.723+/-2870.168 χ^2/NDF : 10.1/9

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

Right Out: 1182.908+/-2576.518 χ^2/NDF : 13.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

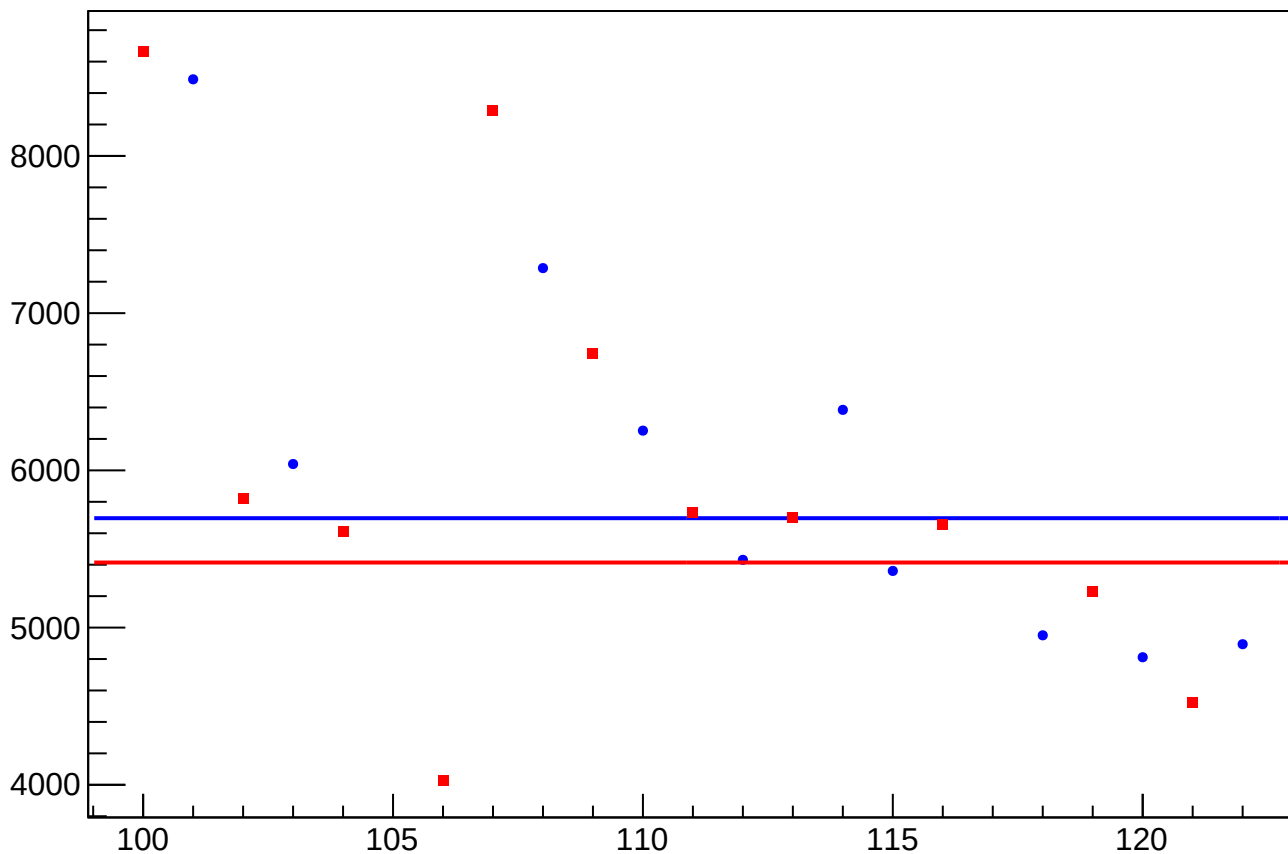
Right: 771.389+/-1917.312 χ^2/NDF : 23.3/20

In: 260.723+/-2870.168 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 771.389+/-1917.312 χ^2/NDF : 23.3/20

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5695.853+/-2.030 χ^2/NDF : 262605.6/9

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

Right Out: 5413.878+/-1.822 χ^2/NDF : 245222.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

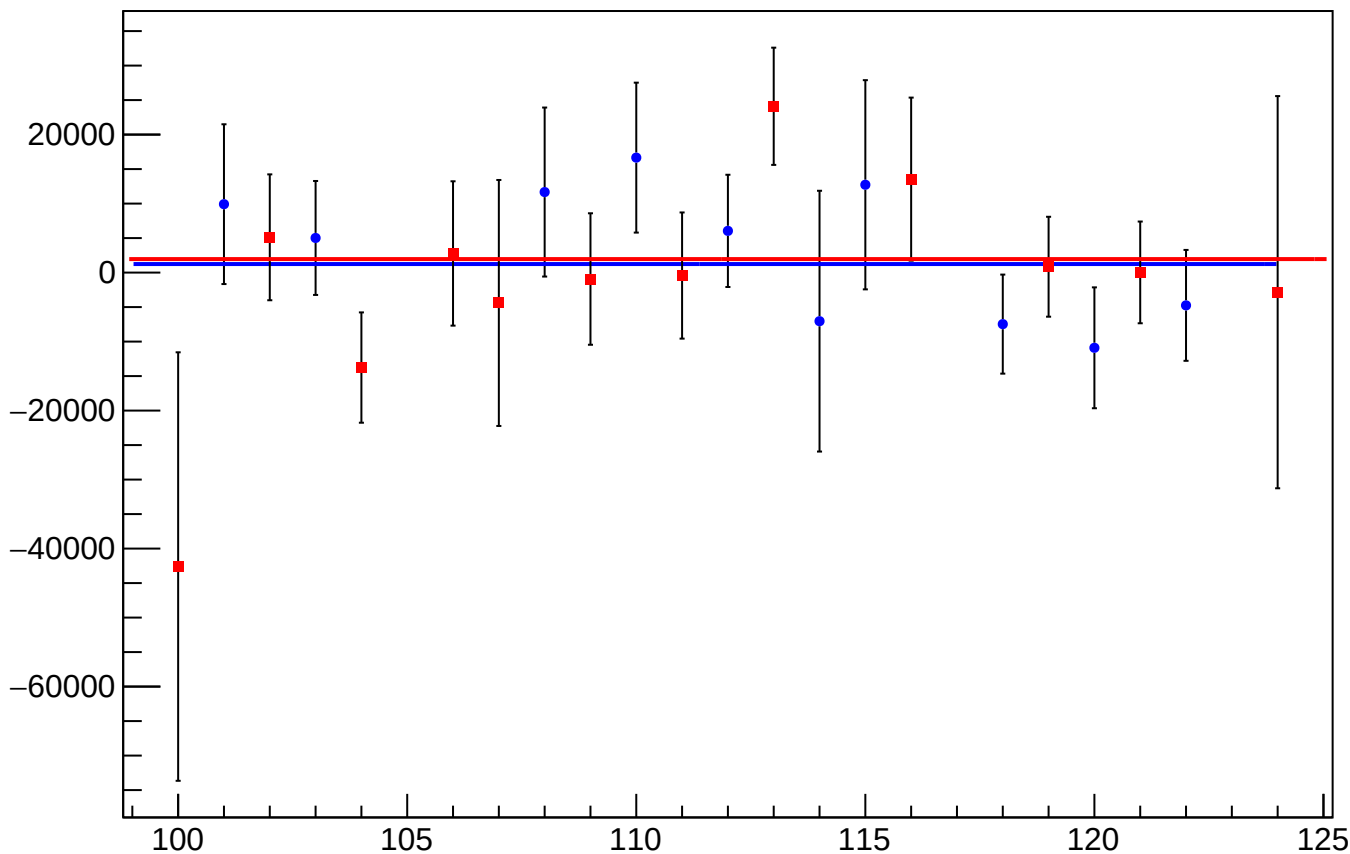
Right: 5539.707+/-1.356 χ^2/NDF : 518517.0/20

In: 5695.853+/-2.030 χ^2/NDF : 262605.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5539.707+/-1.356 χ^2/NDF : 518517.0/20

asym_atl2_mean vs Slug, Sign Corrected



Right In: 1236.926+/-3050.519 χ^2/NDF : 8.6/9

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

Right Out: 1957.108+/-2843.170 χ^2/NDF : 14.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

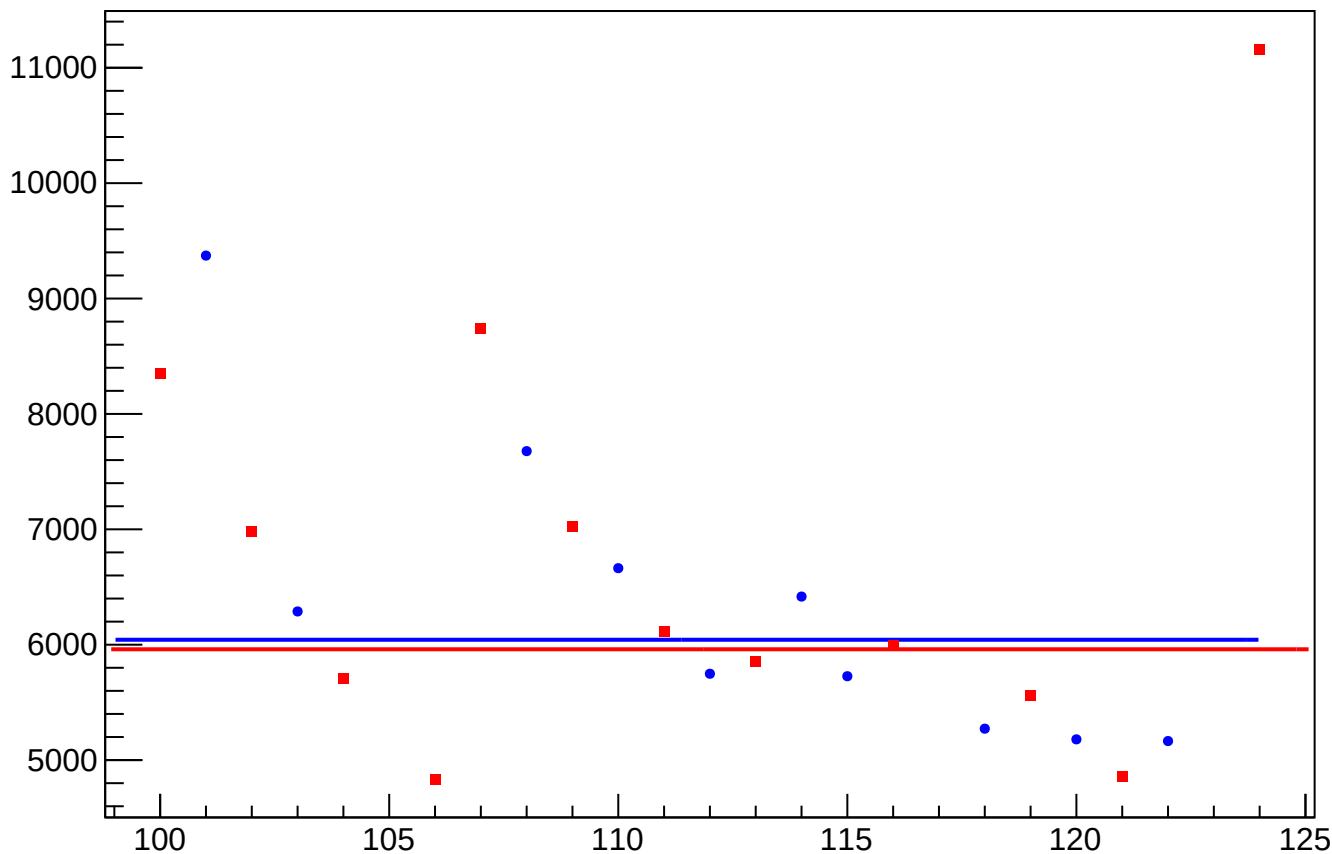
Right: 1622.322+/-2079.868 χ^2/NDF : 22.8/21

In: 1236.926+/-3050.519 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1622.322+/-2079.868 χ^2/NDF : 22.8/21

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6042.935+/-2.157 χ^2/NDF : 279898.9/9

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

Right Out: 5960.373+/-2.010 χ^2/NDF : 253929.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

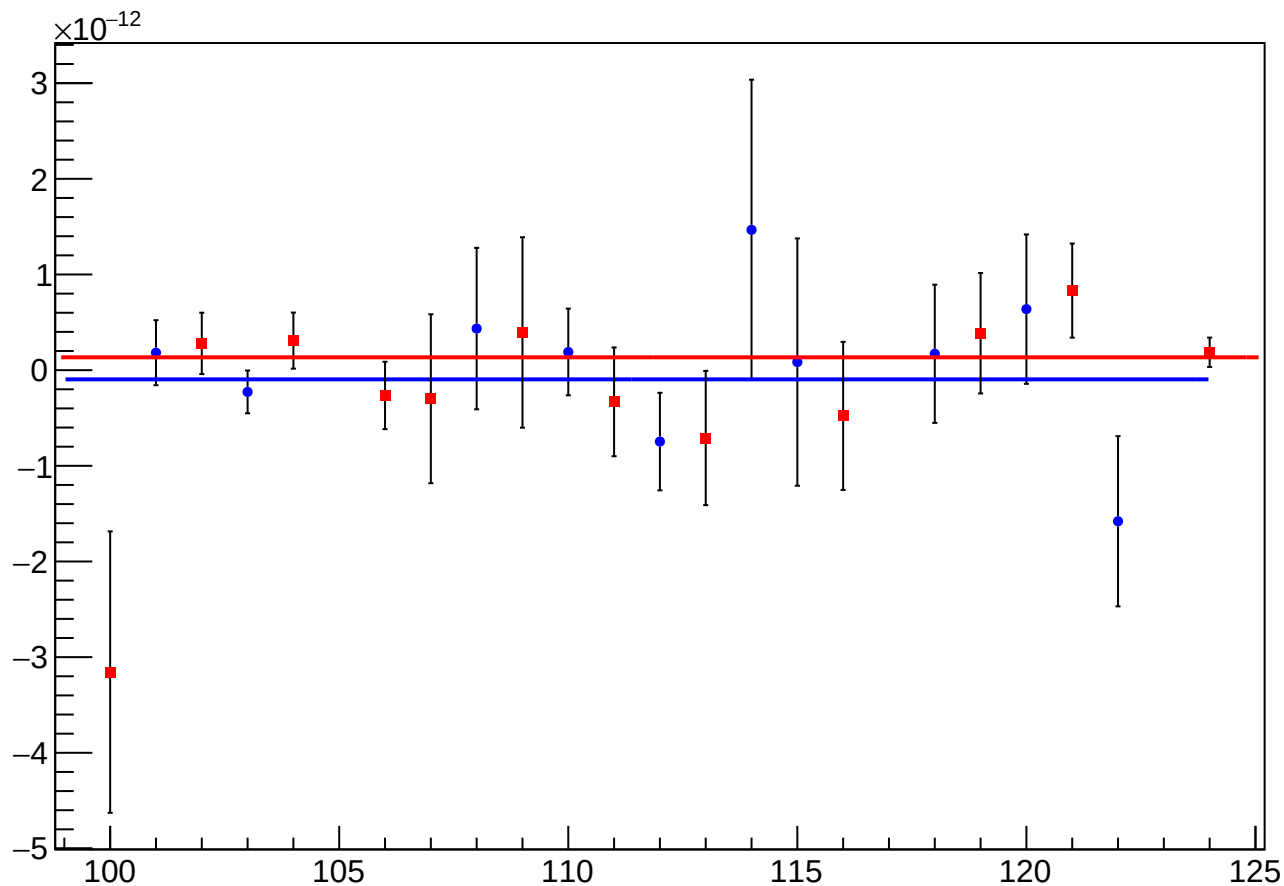
Right: 5998.753+/-1.471 χ^2/NDF : 534612.3/21

In: 6042.935+/-2.157 χ^2/NDF :279898.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5998.753+/-1.471 χ^2/NDF : 534612.3/21

asym_atl2_reg_vs_cor_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 : 12.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

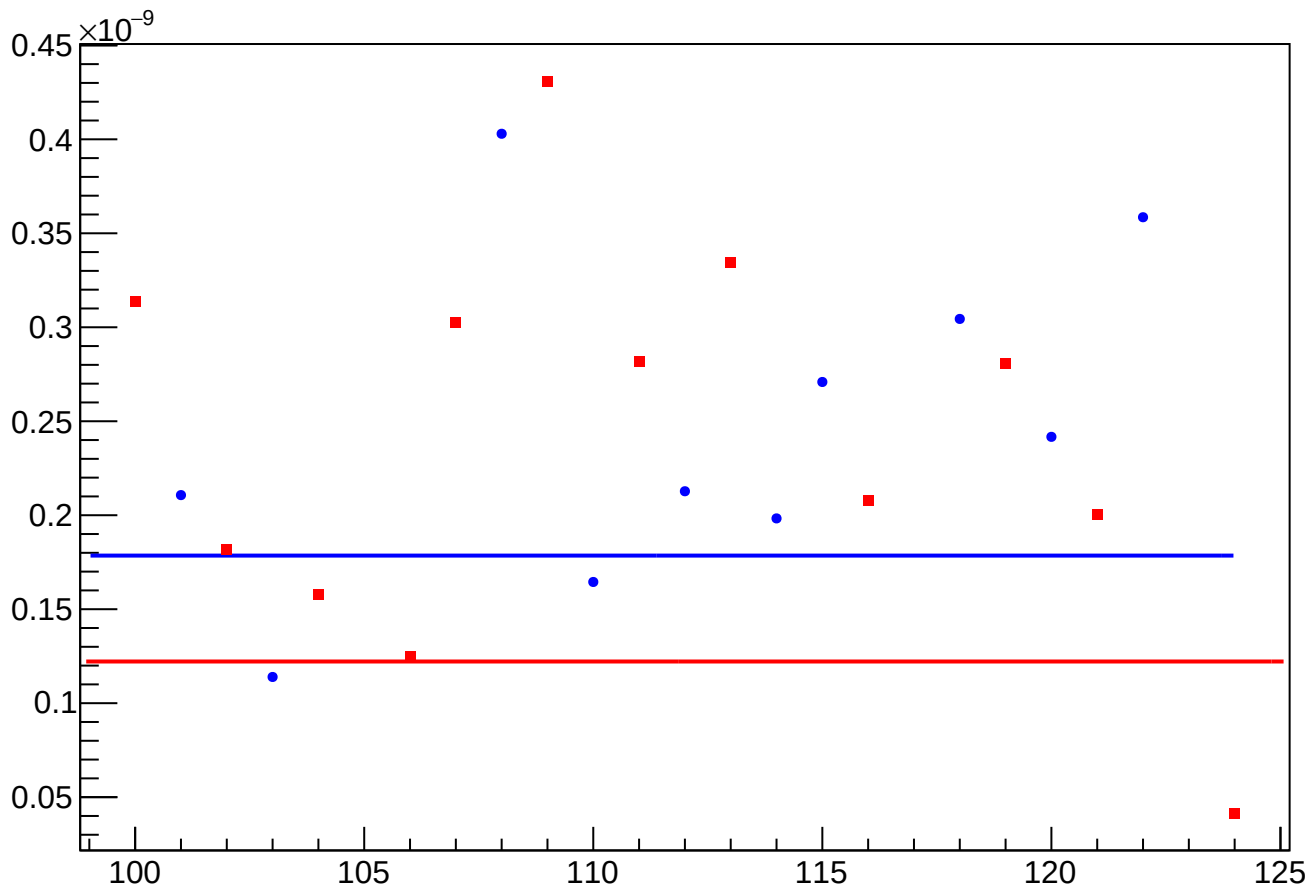
Right: 0.000+/-0.000 χ^2/NDF : 22.0/21

In: -0.000+/-0.000 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.0/21

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 503594.9/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1506607.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

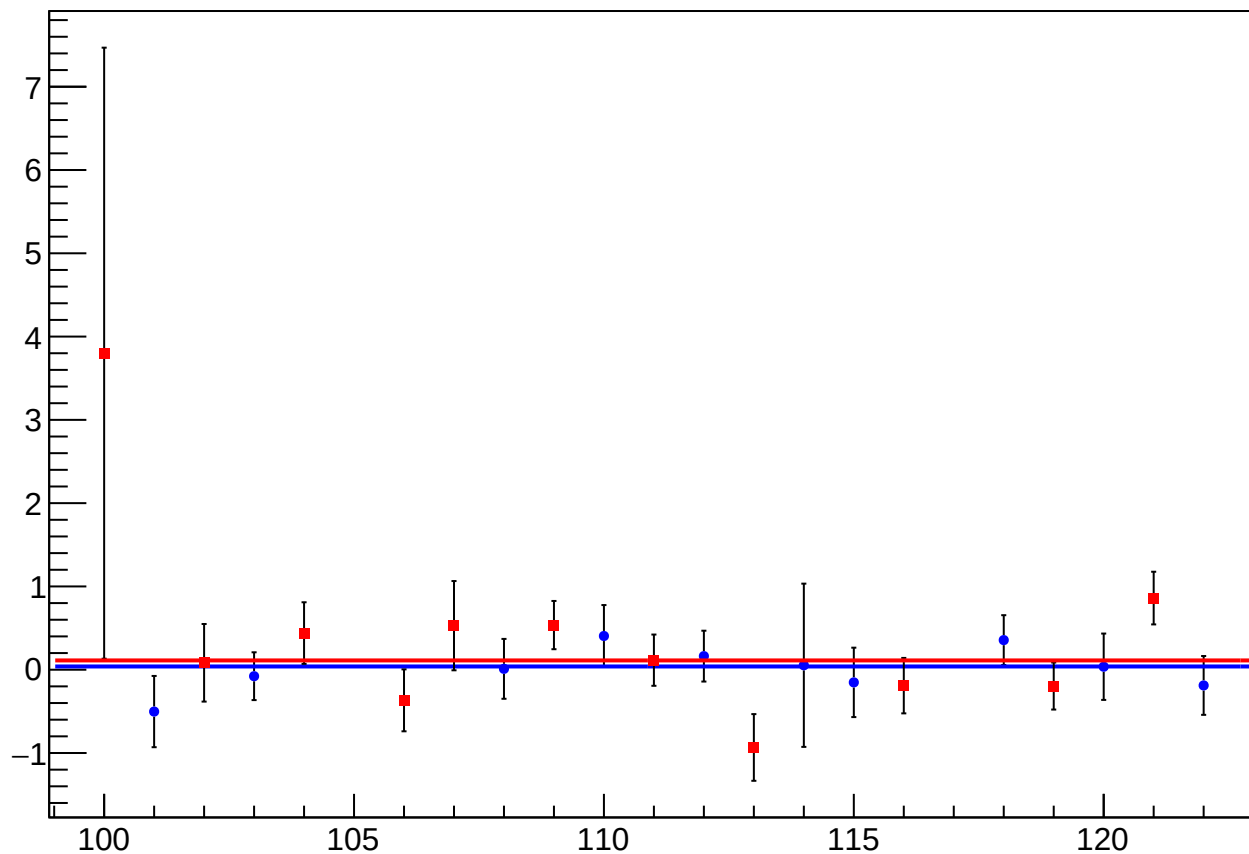
Right: 0.000+/-0.000 χ^2/NDF : 2198233.5/21

In: 0.000+/-0.000 χ^2/NDF : 503594.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2198233.5/21

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.115 χ^2/NDF : 4.7/9

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

Right Out: 0.112+/-0.110 χ^2/NDF : 20.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

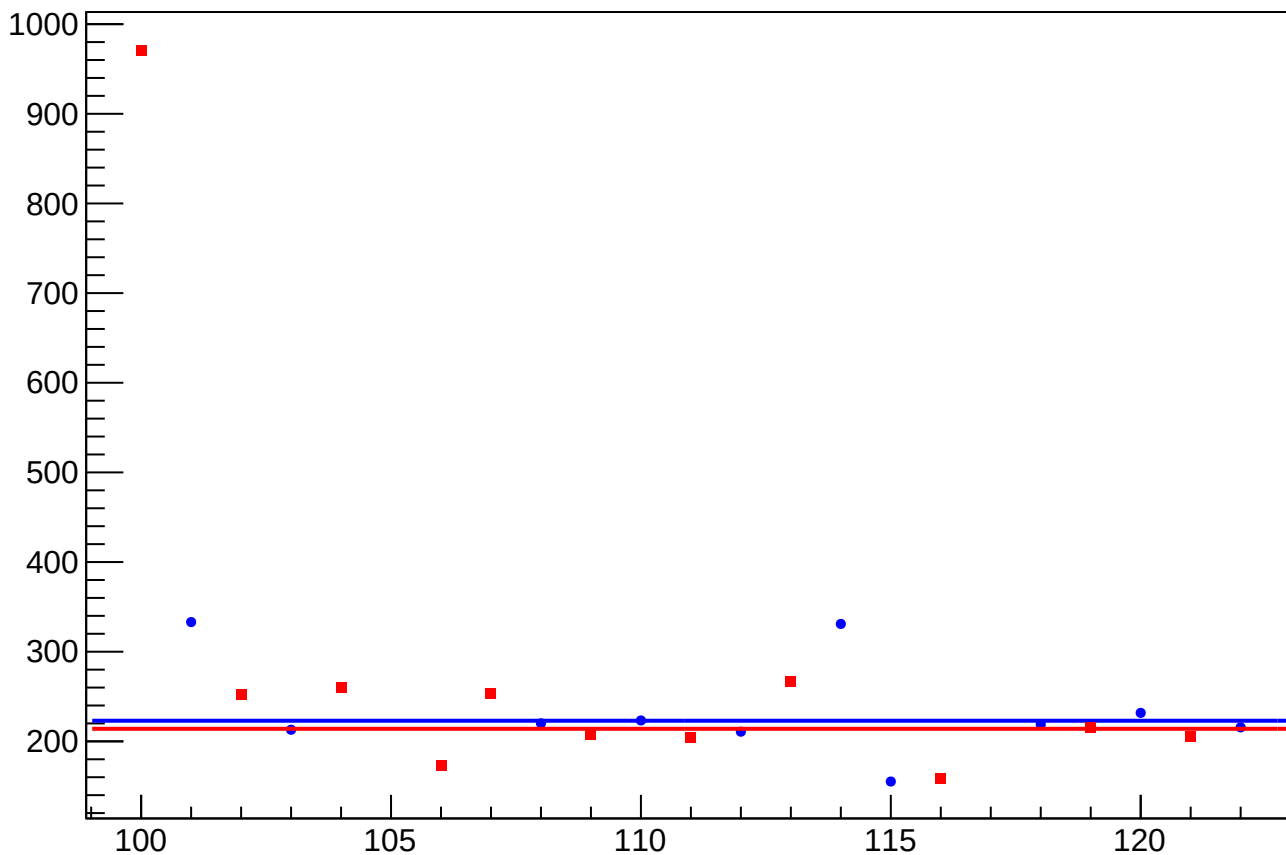
Right: 0.077+/-0.079 χ^2/NDF : 25.5/20

In: 0.039+/-0.115 χ^2/NDF :4.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.077+/-0.079 χ^2/NDF : 25.5/20

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 222.995+/-0.081 χ^2/NDF : 217638.2/9

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

Right Out: 214.026+/-0.078 χ^2/NDF : 257698.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

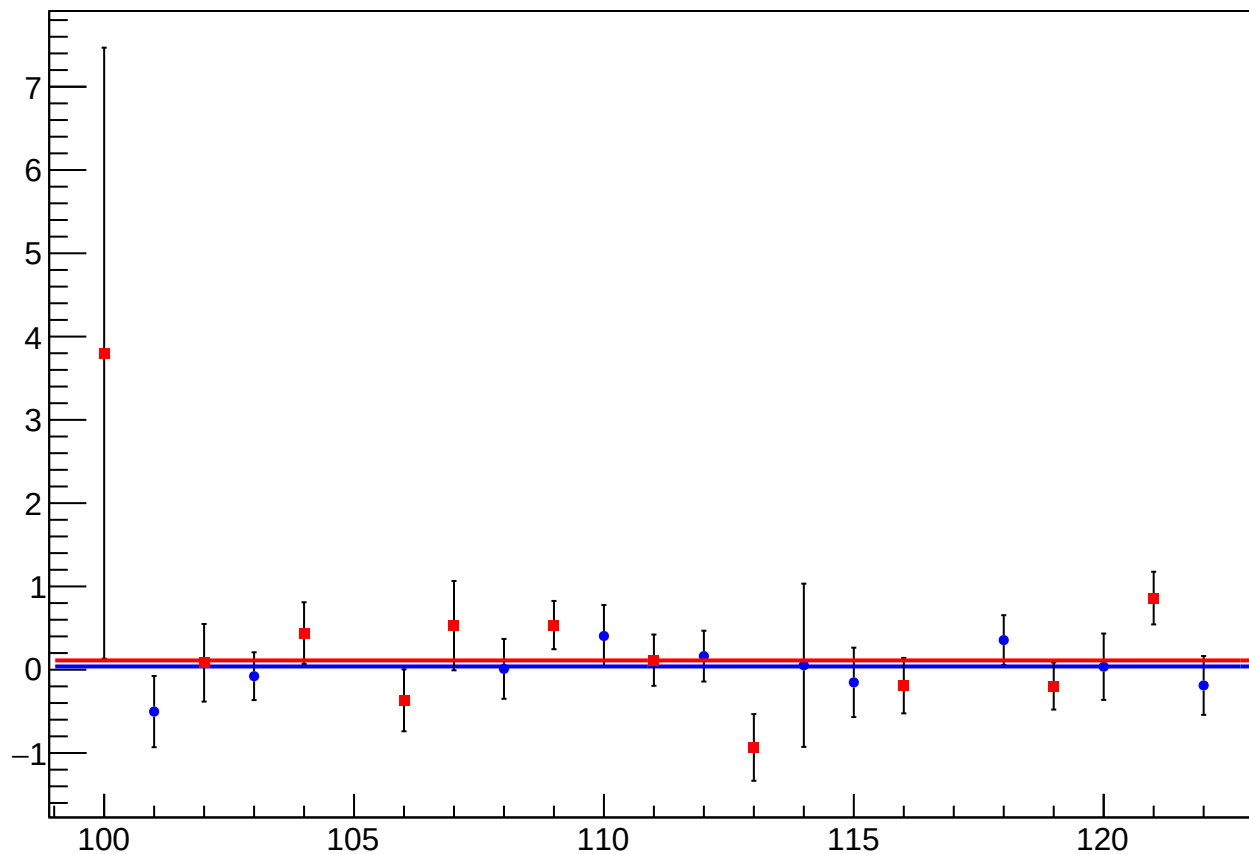
Right: 218.302+/-0.056 χ^2/NDF : 481704.2/20

In: 222.995+/-0.081 χ^2/NDF : 217638.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.302+/-0.056 χ^2/NDF : 481704.2/20

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.115 χ^2/NDF : 4.7/9

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

Right Out: 0.112+/-0.110 χ^2/NDF : 20.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

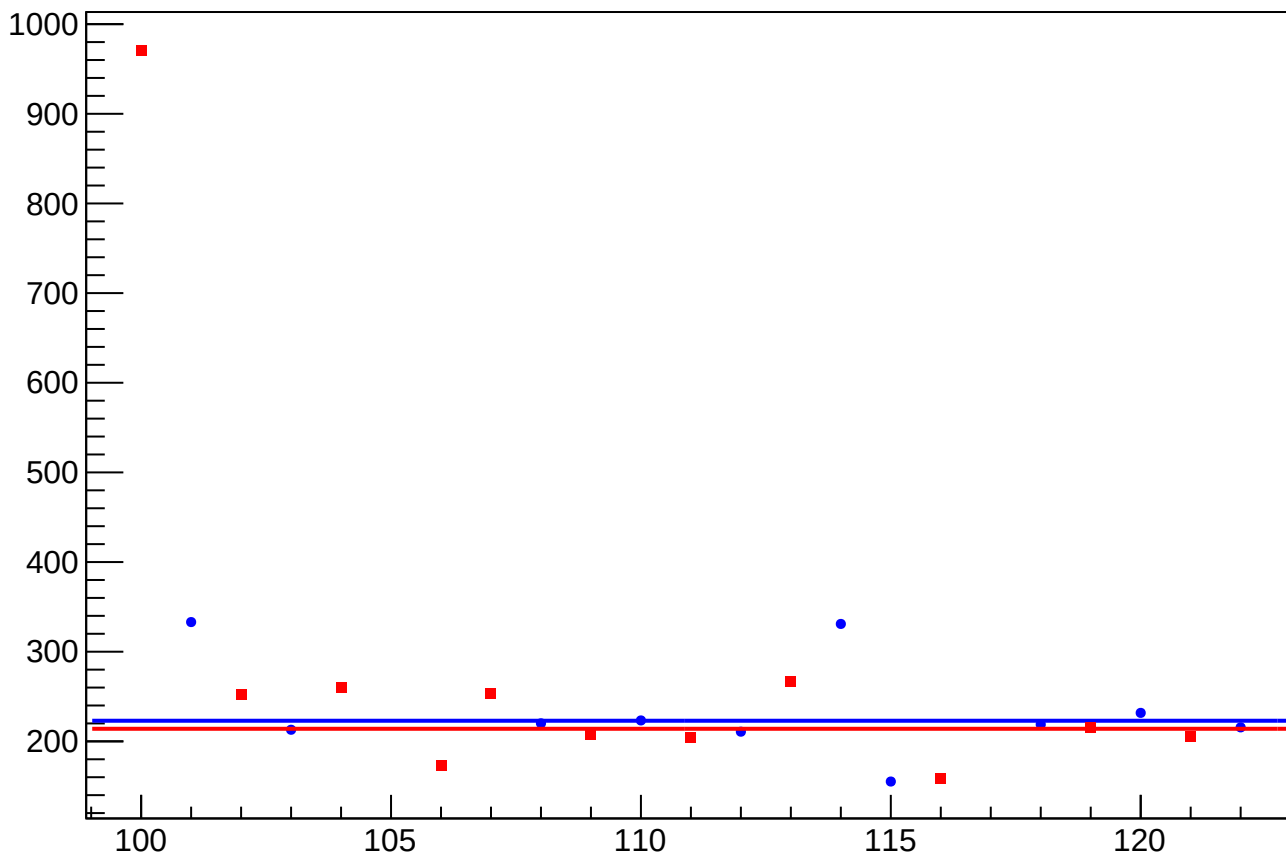
Right: 0.077+/-0.079 χ^2/NDF : 25.5/20

In: 0.039+/-0.115 χ^2/NDF :4.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.077+/-0.079 χ^2/NDF : 25.5/20

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 222.995+/-0.081 χ^2/NDF : 217638.2/9

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

Right Out: 214.026+/-0.078 χ^2/NDF : 257698.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

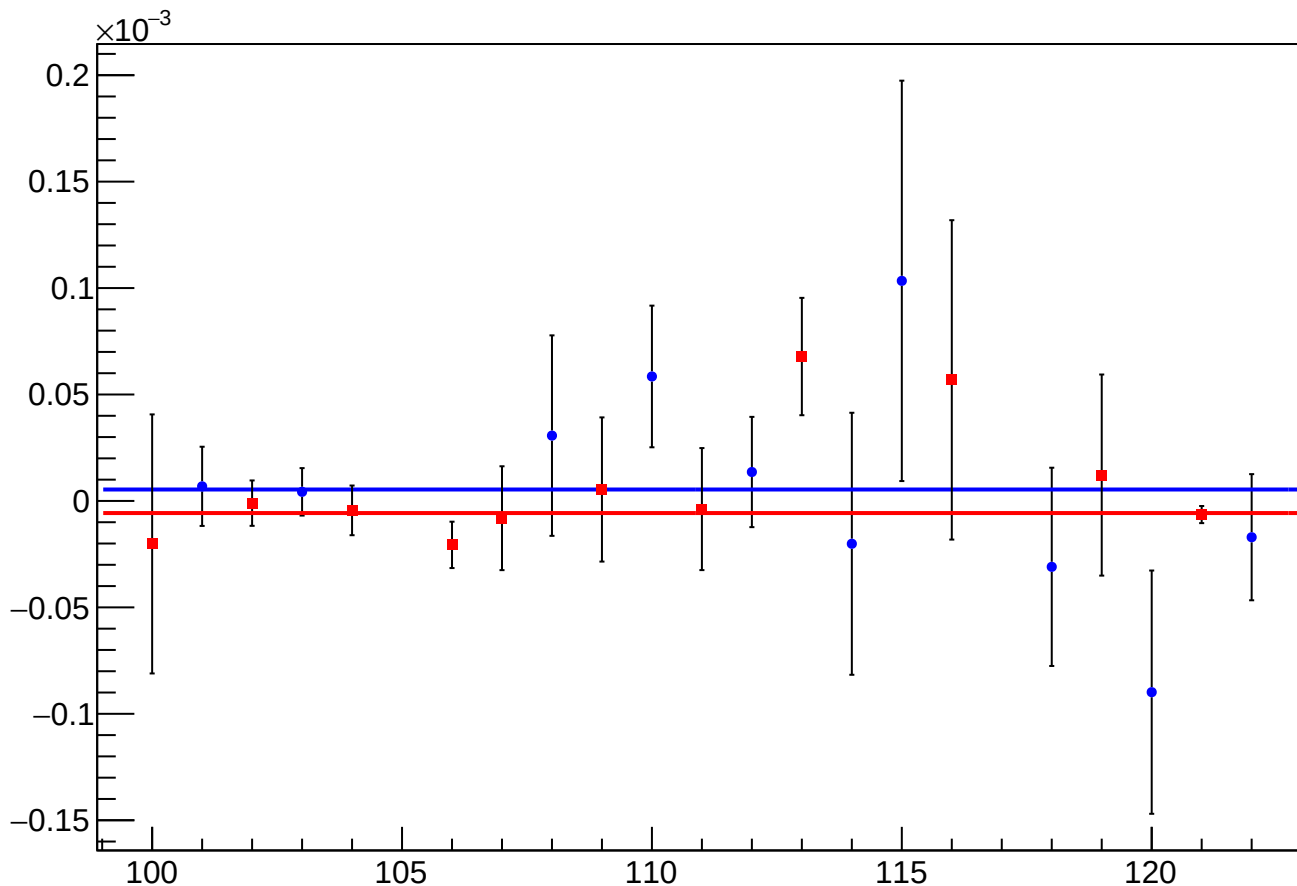
Right: 218.302+/-0.056 χ^2/NDF : 481704.2/20

In: 222.995+/-0.081 χ^2/NDF :217638.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 218.302+/-0.056 χ^2/NDF : 481704.2/20

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 8.2/9

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

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

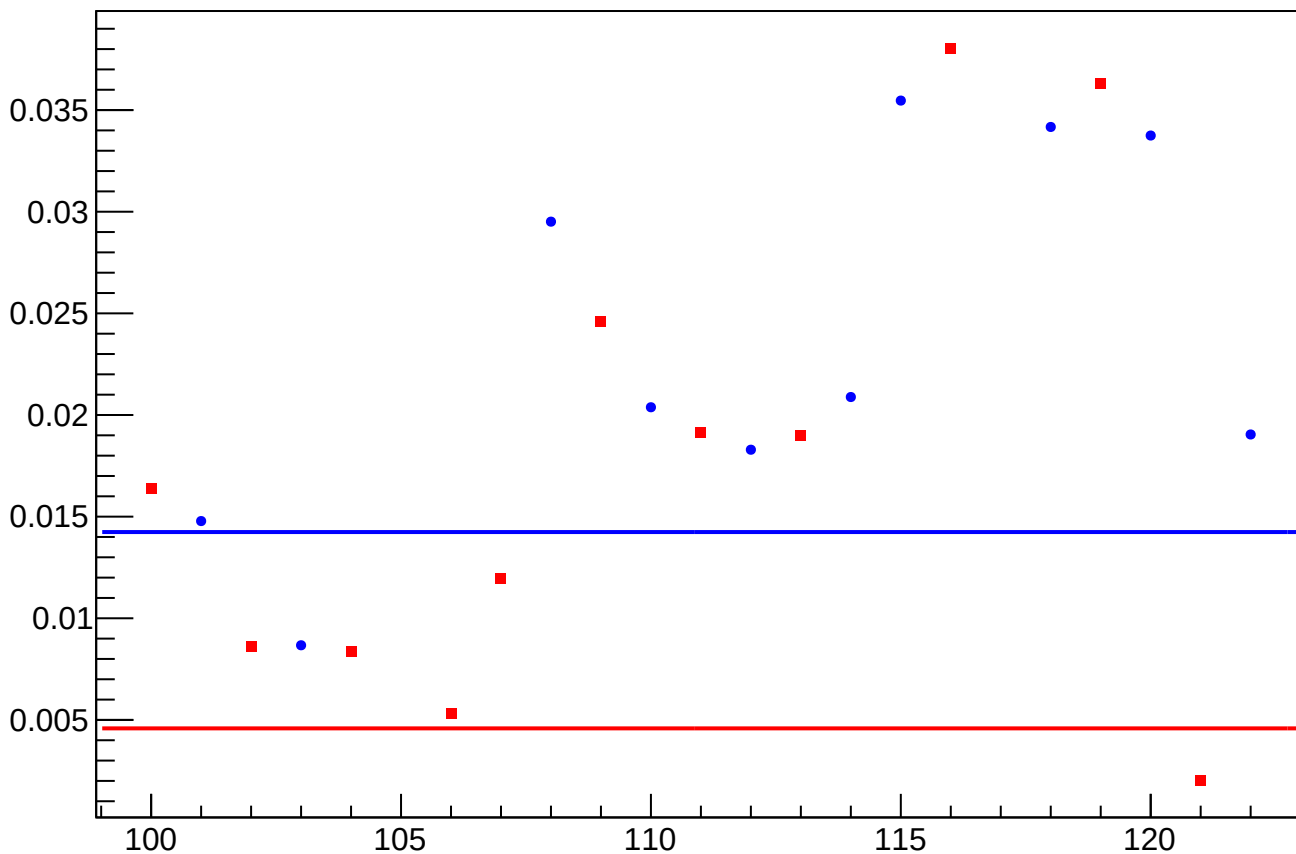
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 20.1/20

In: 0.000 $\pm$ 0.000 χ^2/NDF : 8.2/9

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

All: -0.000 $\pm$ 0.000 χ^2/NDF : 20.1/20

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1605276.0/9

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

Right Out: 0.005+/-0.000 χ^2/NDF : 4644207.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

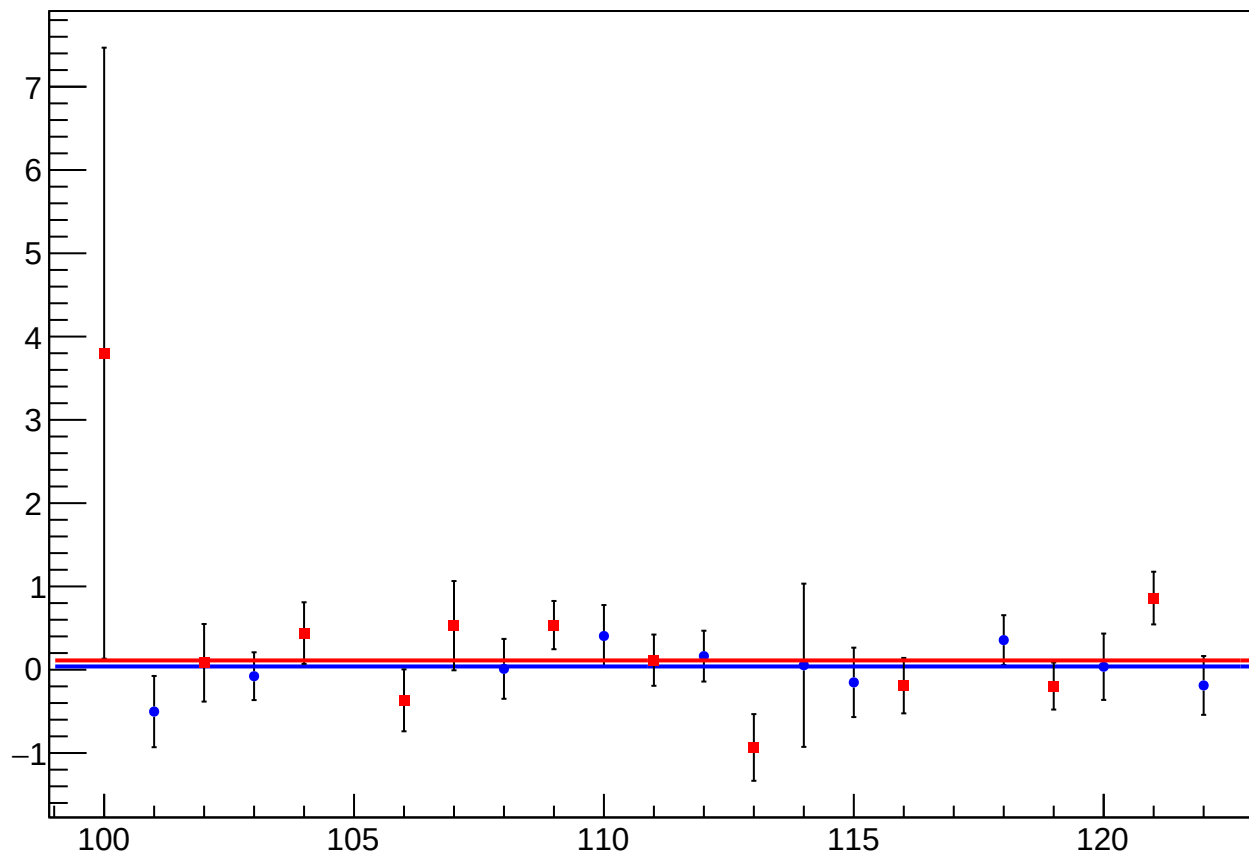
Right: 0.006+/-0.000 χ^2/NDF : 8802666.8/20

In: 0.014+/-0.000 χ^2/NDF : 1605276.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 8802666.8/20

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.115 χ^2/NDF : 4.7/9

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

Right Out: 0.112+/-0.110 χ^2/NDF : 20.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

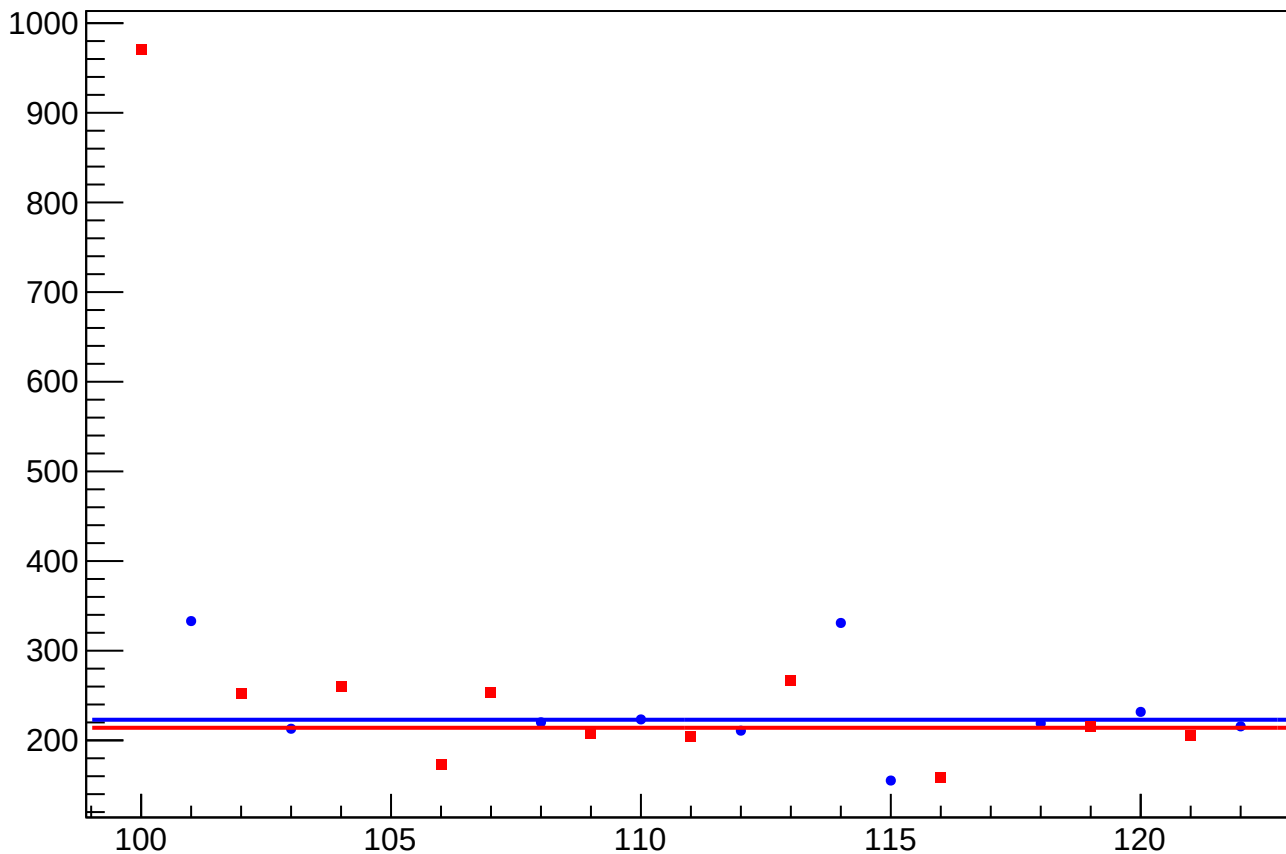
Right: 0.077+/-0.079 χ^2/NDF : 25.5/20

In: 0.039+/-0.115 χ^2/NDF :4.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.077+/-0.079 χ^2/NDF : 25.5/20

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 222.998+/-0.081 χ^2/NDF : 217615.3/9

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

Right Out: 214.029+/-0.078 χ^2/NDF : 257662.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

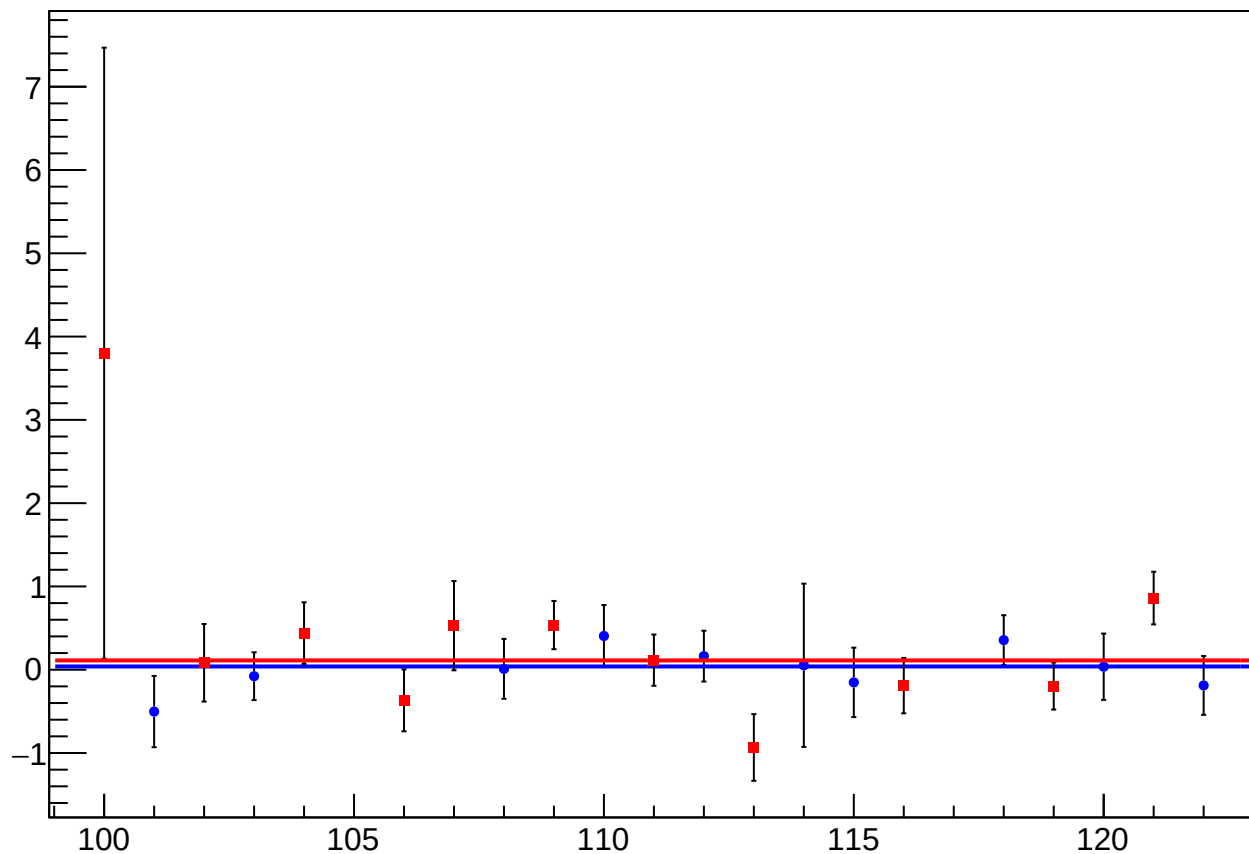
Right: 218.305+/-0.056 χ^2/NDF : 481643.2/20

In: 222.998+/-0.081 χ^2/NDF : 217615.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.305+/-0.056 χ^2/NDF : 481643.2/20

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.115 χ^2/NDF : 4.7/9

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

Right Out: 0.112+/-0.110 χ^2/NDF : 20.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

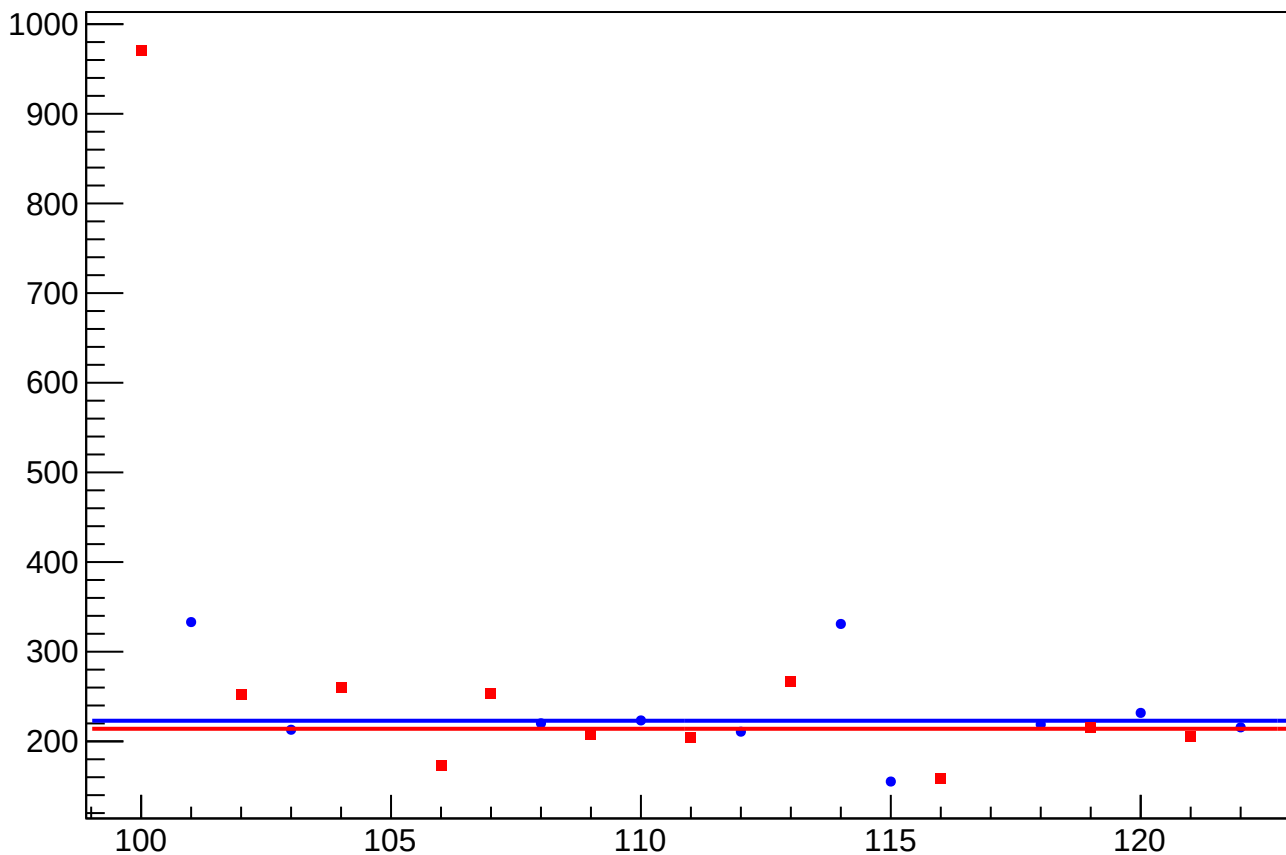
Right: 0.077+/-0.079 χ^2/NDF : 25.5/20

In: 0.039+/-0.115 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.077+/-0.079 χ^2/NDF : 25.5/20

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 222.998+/-0.081 χ^2/NDF : 217615.3/9

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

Right Out: 214.029+/-0.078 χ^2/NDF : 257662.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

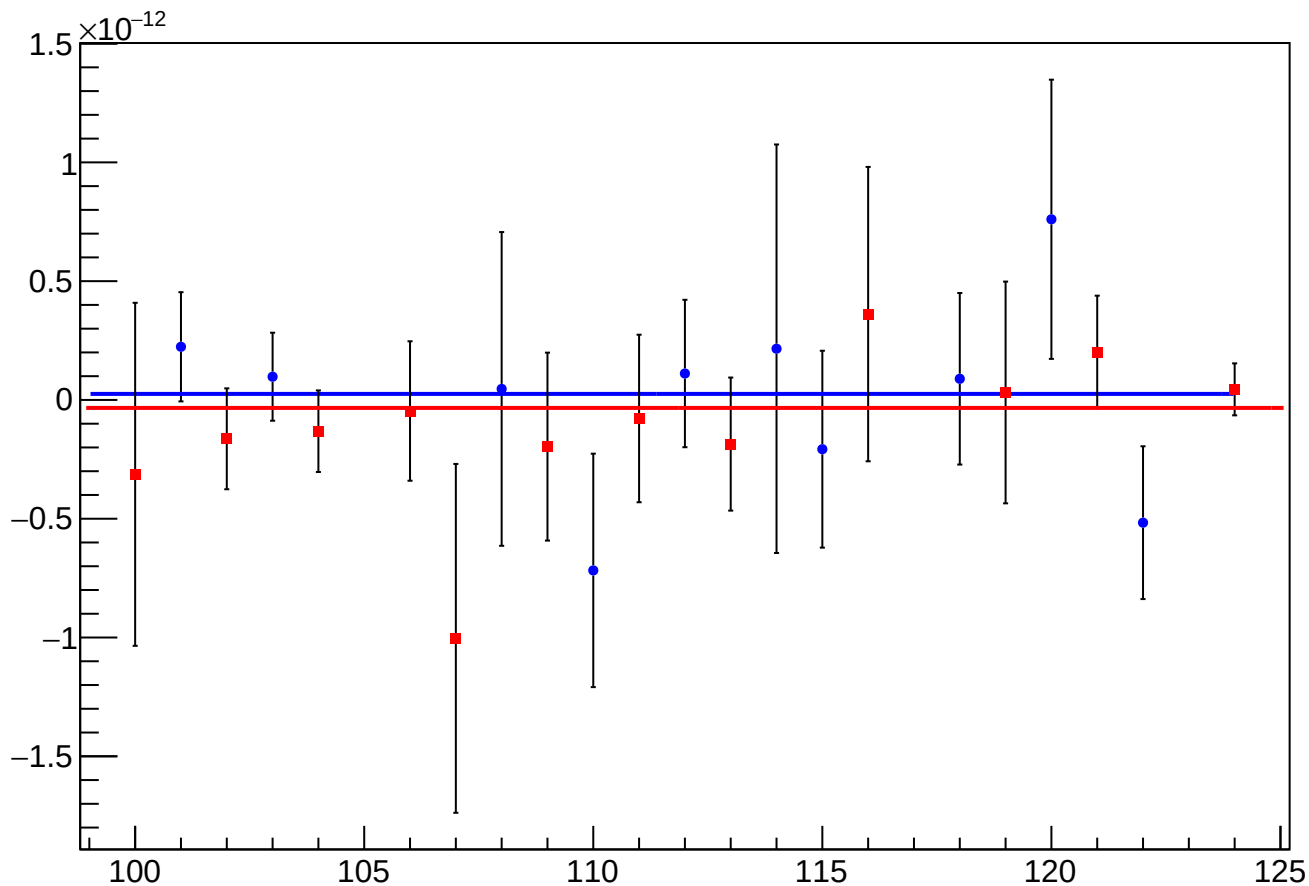
Right: 218.305+/-0.056 χ^2/NDF : 481643.2/20

In: 222.998+/-0.081 χ^2/NDF : 217615.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.305+/-0.056 χ^2/NDF : 481643.2/20

asym_atl2_eigen_cor_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 : 5.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

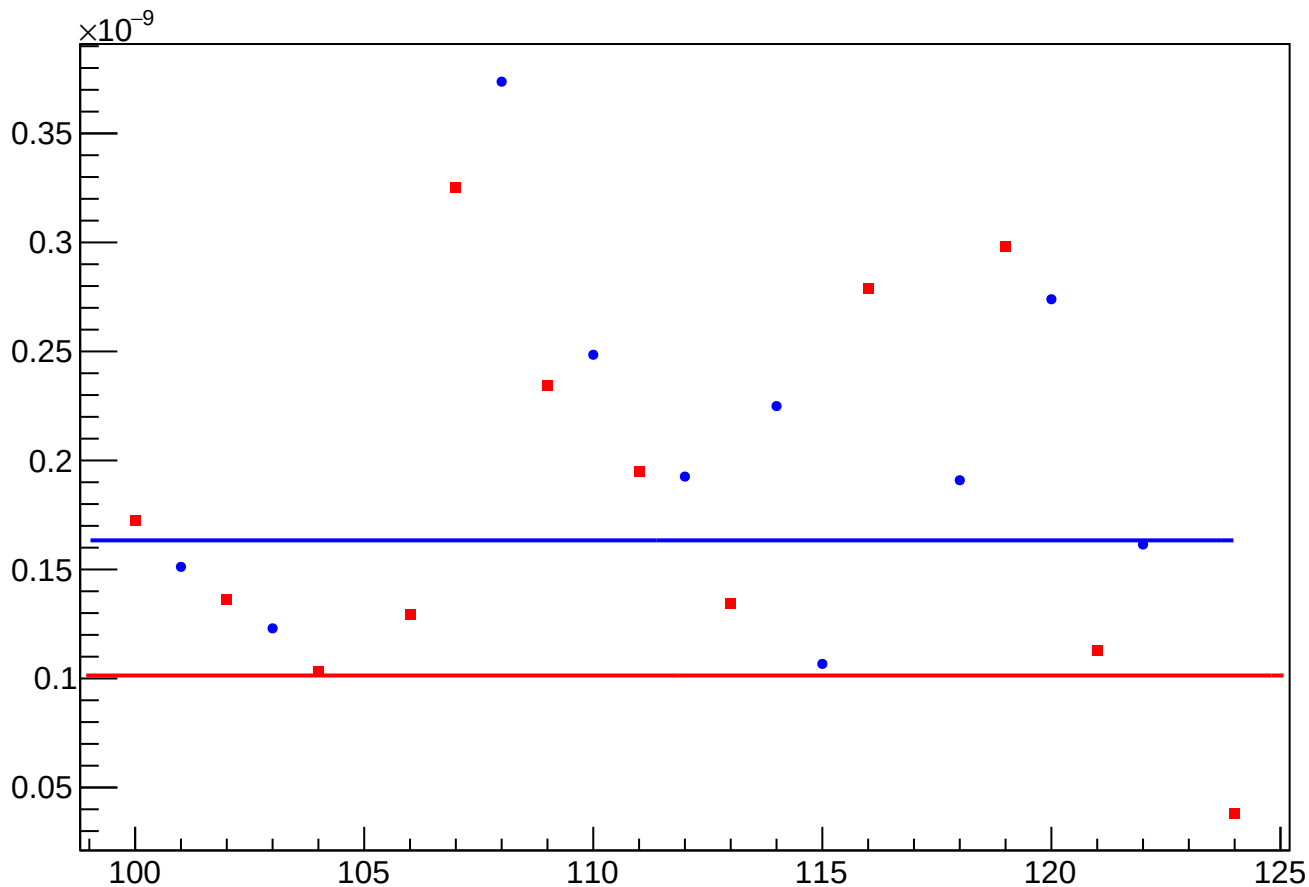
Right: -0.000+/-0.000 χ^2/NDF : 13.3/21

In: 0.000+/-0.000 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/21

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 511541.1/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1866715.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

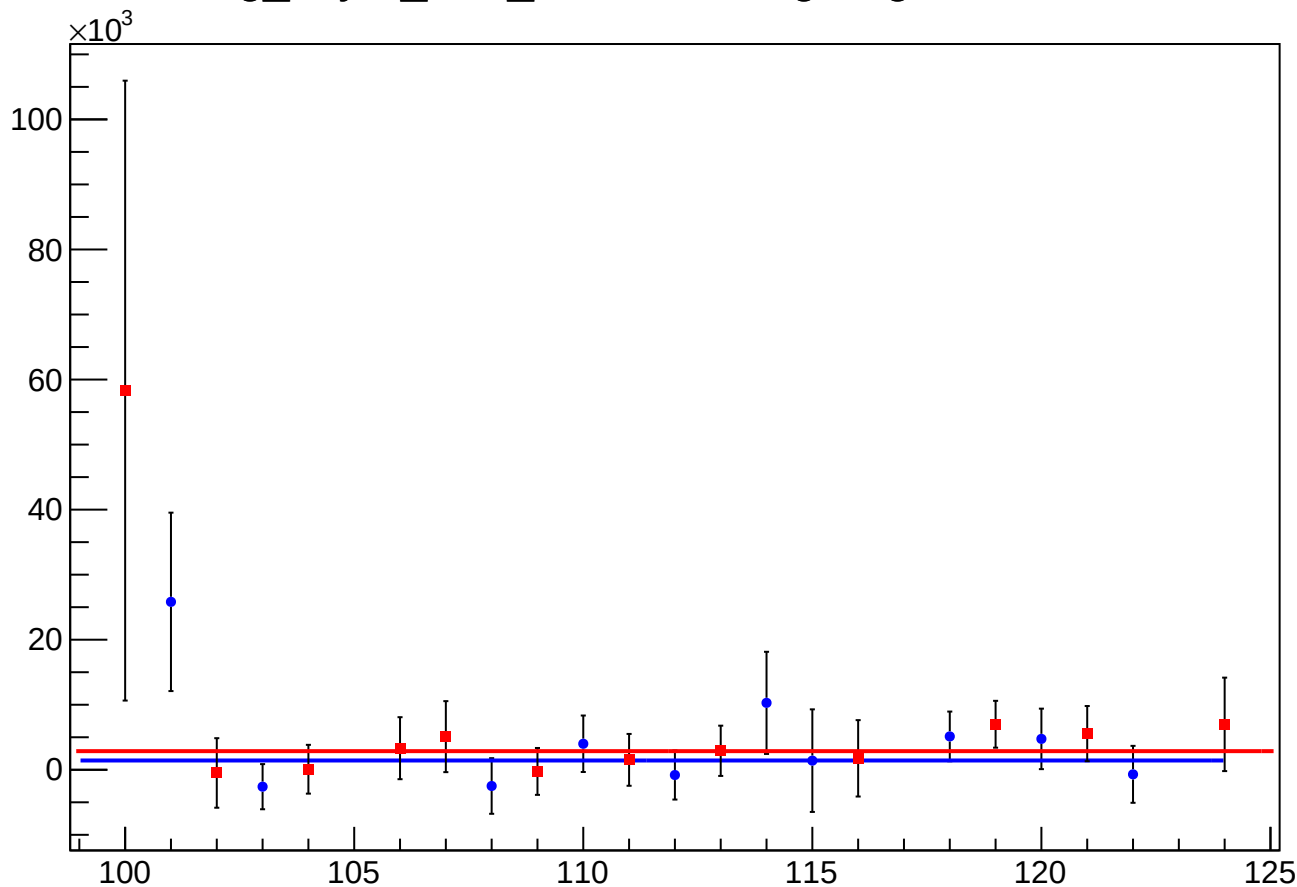
Right: 0.000+/-0.000 χ^2/NDF : 2868810.8/21

In: 0.000+/-0.000 χ^2/NDF : 511541.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2868810.8/21

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1428.759+/-1465.598 χ^2/NDF : 9.0/9

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

Right Out: 2865.236+/-1322.191 χ^2/NDF : 5.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

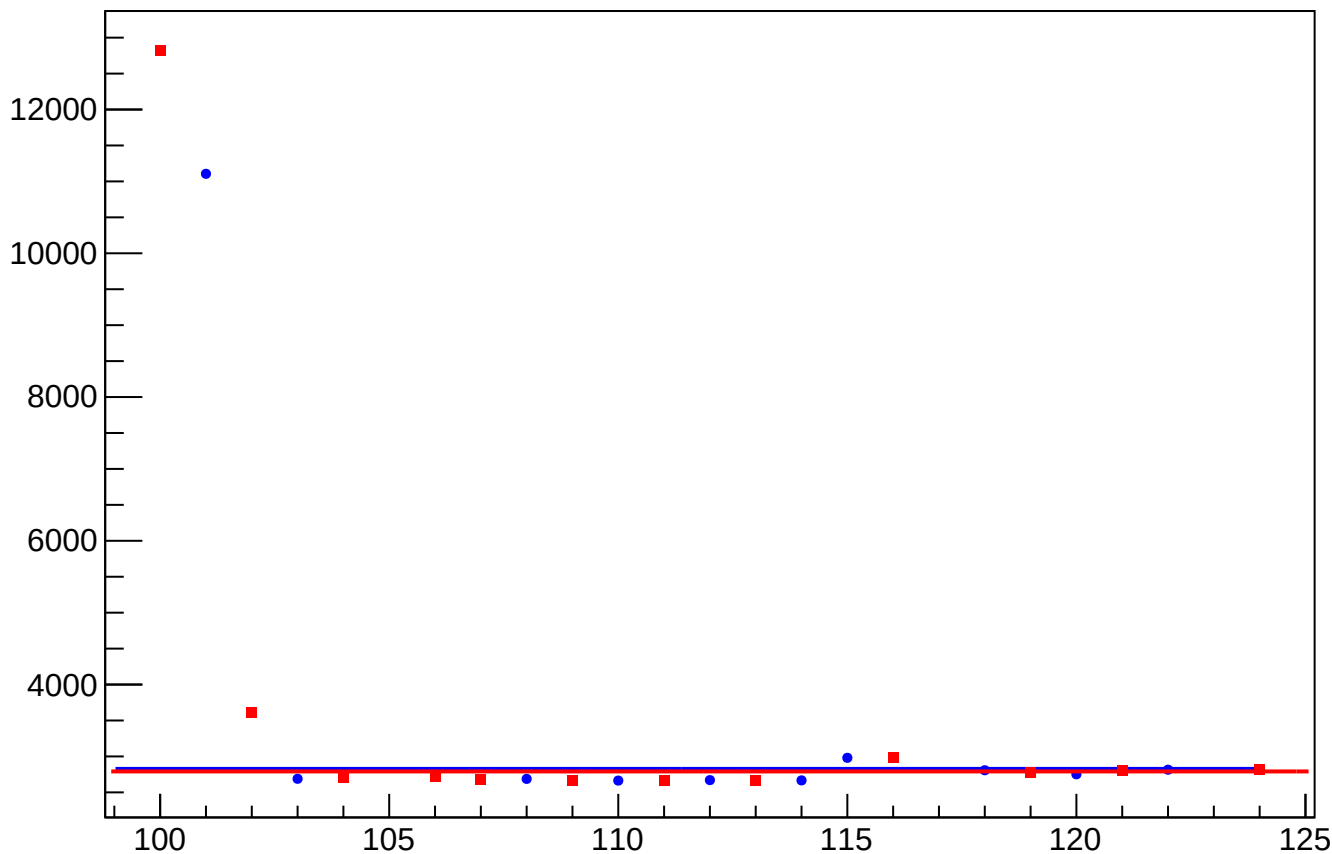
Right: 2220.697+/-981.726 χ^2/NDF : 15.0/21

In: 1428.759+/-1465.598 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2220.697+/-981.726 χ^2/NDF : 15.0/21

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2826.437+/-1.036 χ^2/NDF : 742312.7/9

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

Right Out: 2791.089+/-0.935 χ^2/NDF : 146280.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

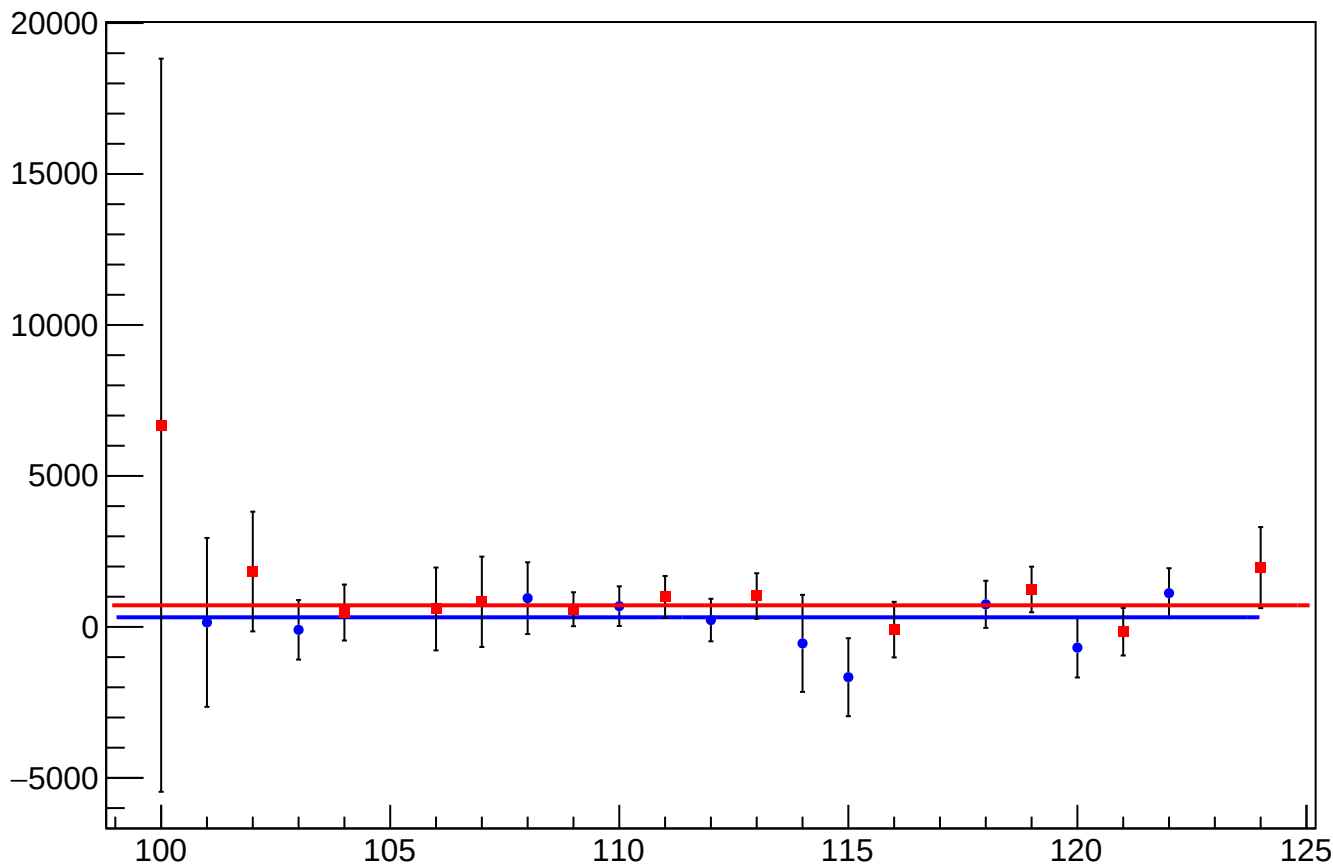
Right: 2806.950+/-0.694 χ^2/NDF : 889234.4/21

In: 2826.437+/-1.036 χ^2/NDF : 742312.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2806.950+/-0.694 χ^2/NDF : 889234.4/21

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 318.813+/-297.282 χ^2/NDF : 5.7/9

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

Right Out: 715.146+/-262.605 χ^2/NDF : 4.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

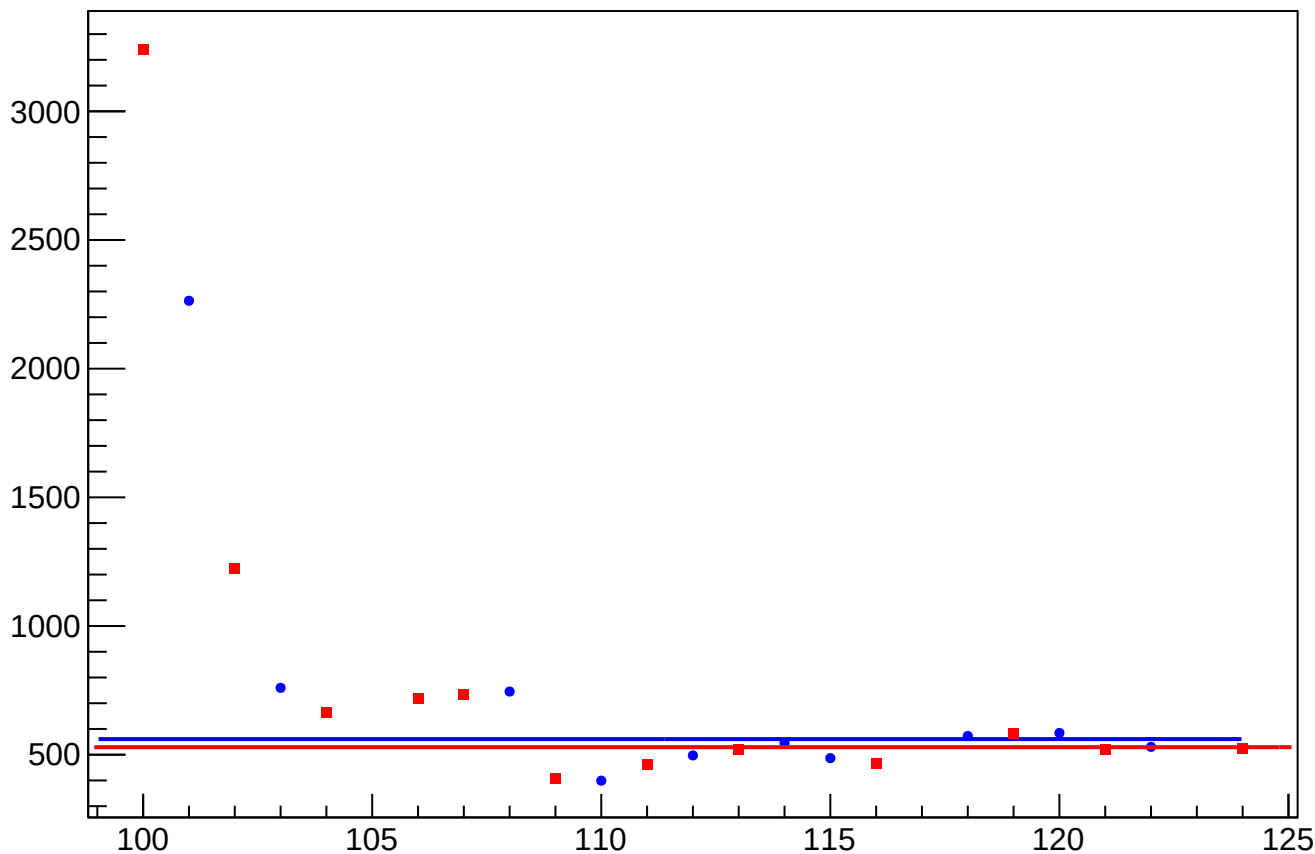
Right: 541.433+/-196.814 χ^2/NDF : 11.1/21

In: 318.813+/-297.282 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.433+/-196.814 χ^2/NDF : 11.1/21

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 560.731+/-0.210 χ^2/NDF : 1019980.0/9

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

Right Out: 529.201+/-0.186 χ^2/NDF : 596348.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

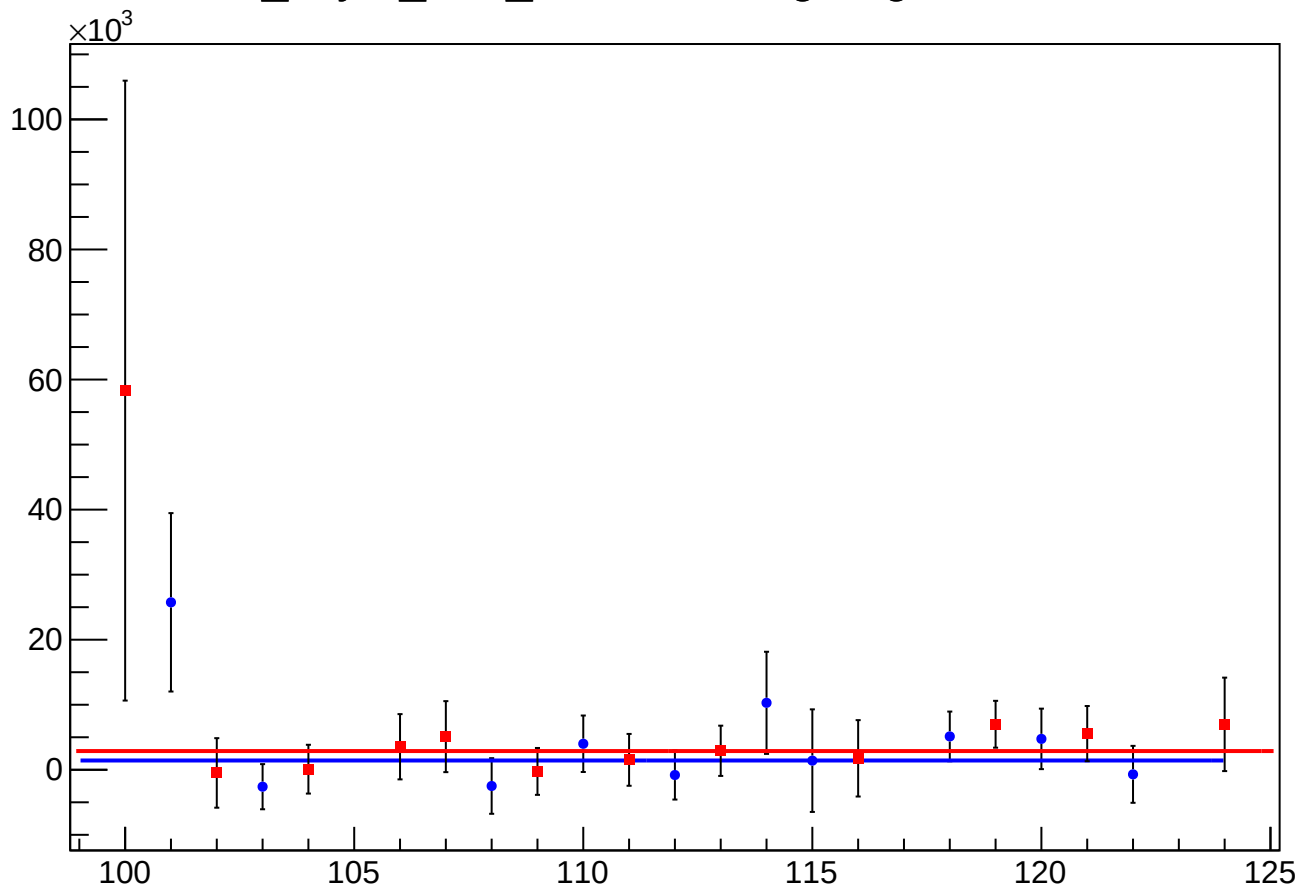
Right: 543.020+/-0.139 χ^2/NDF : 1628964.7/21

In: 560.731+/-0.210 χ^2/NDF : 1019980.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.020+/-0.139 χ^2/NDF : 1628964.7/21

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1427.530+/-1465.598 χ^2/NDF : 9.0/9

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

Right Out: 2878.534+/-1327.167 χ^2/NDF : 5.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

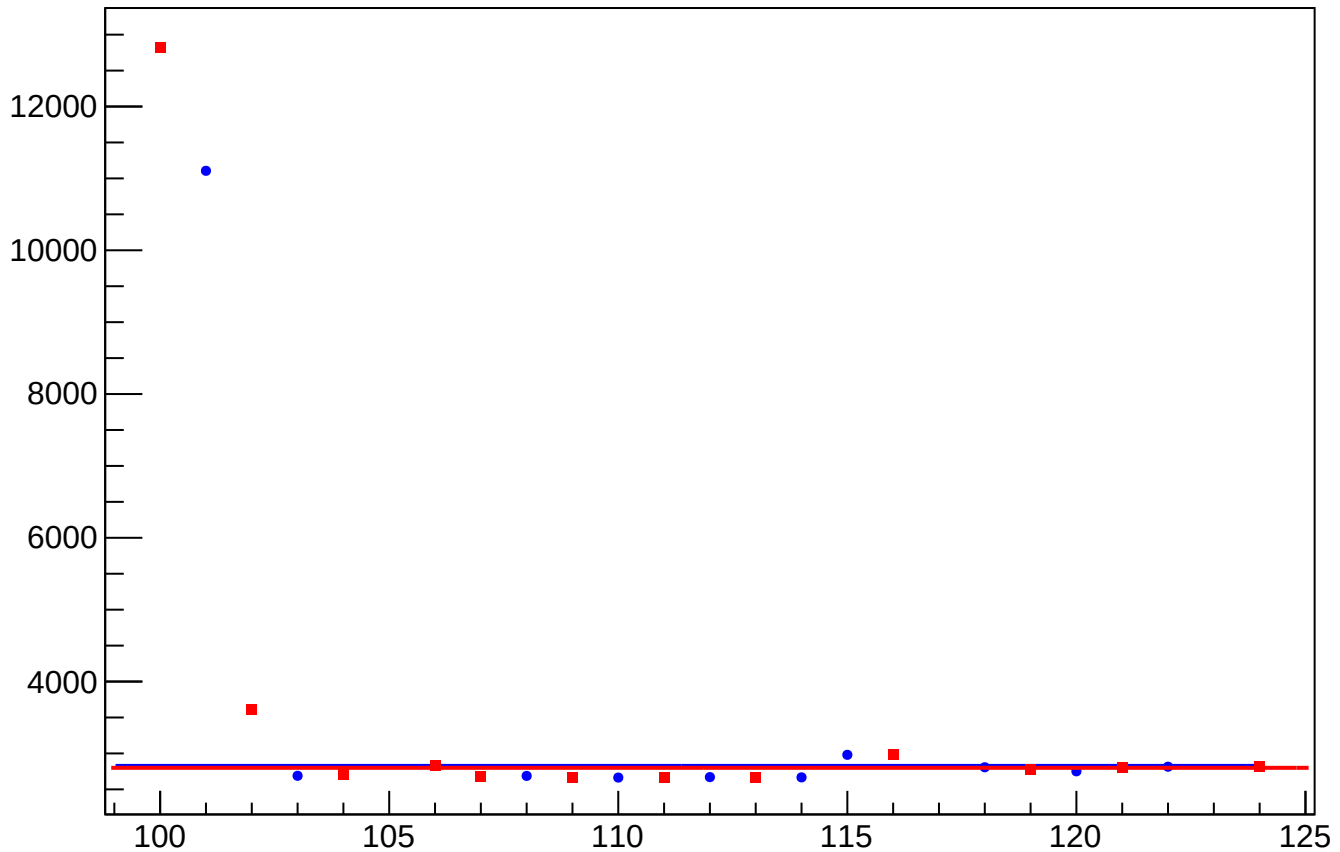
Right: 2224.779+/-983.758 χ^2/NDF : 15.0/21

In: 1427.530+/-1465.598 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2224.779+/-983.758 χ^2/NDF : 15.0/21

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2826.437+/-1.036 χ^2/NDF : 742311.8/9

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

Right Out: 2799.833+/-0.938 χ^2/NDF : 145947.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

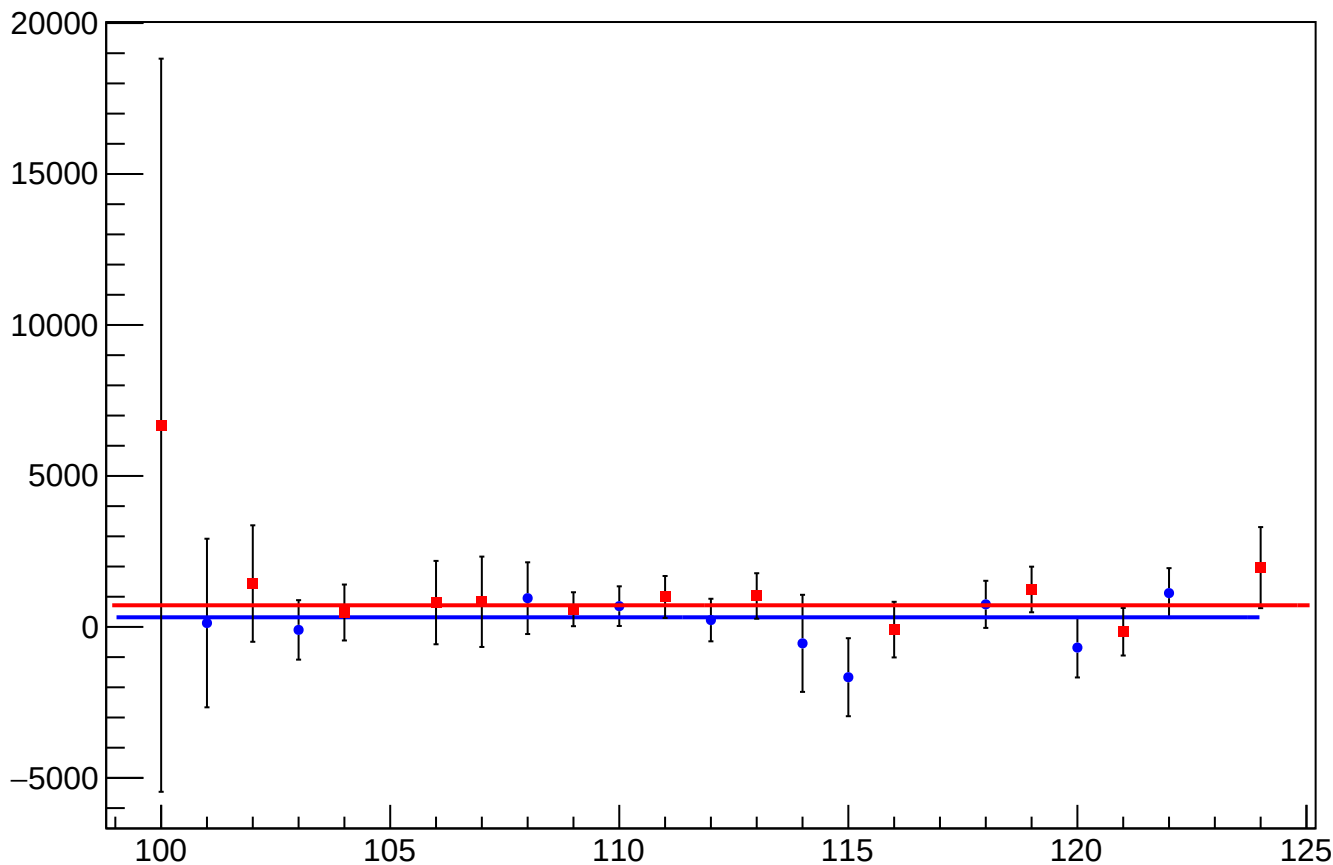
Right: 2811.820+/-0.696 χ^2/NDF : 888621.3/21

In: 2826.437+/-1.036 χ^2/NDF : 742311.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2811.820+/-0.696 χ^2/NDF : 888621.3/21

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 318.681+/-297.269 χ^2/NDF : 5.7/9

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

Right Out: 716.603+/-262.523 χ^2/NDF : 4.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

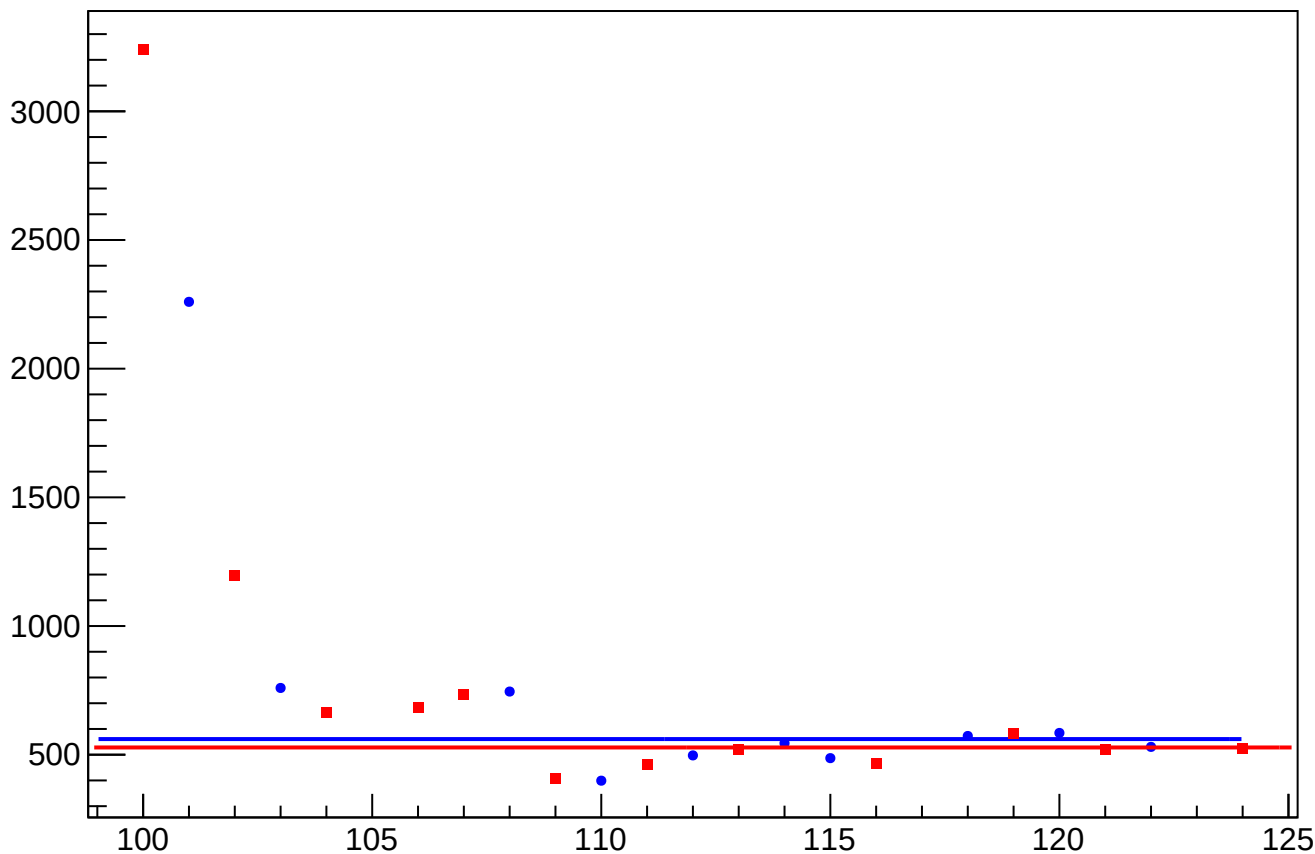
Right: 542.247+/-196.775 χ^2/NDF : 10.9/21

In: 318.681+/-297.269 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.247+/-196.775 χ^2/NDF : 10.9/21

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 560.752+/-0.210 χ^2/NDF : 1018982.4/9

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

Right Out: 528.110+/-0.186 χ^2/NDF : 579518.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

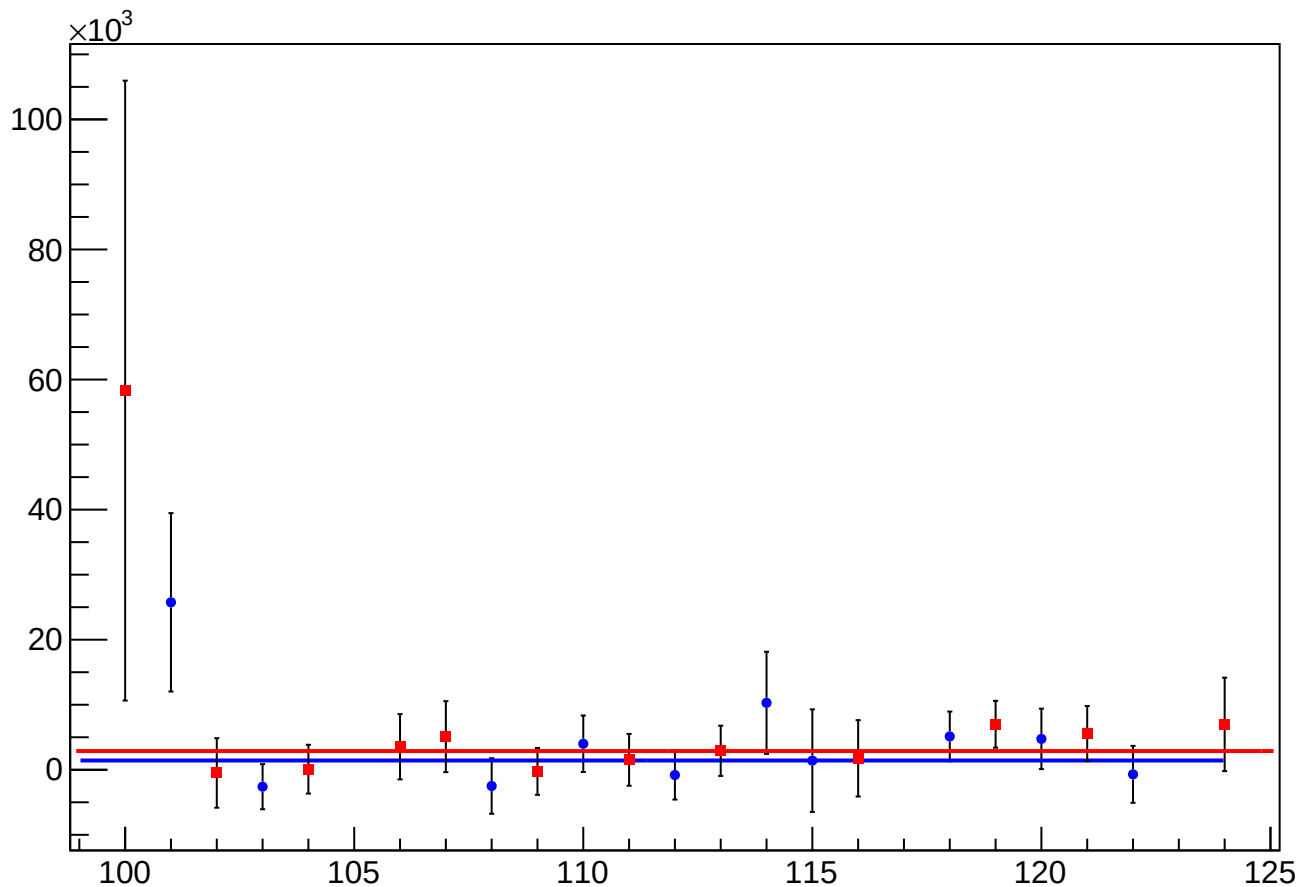
Right: 542.413+/-0.139 χ^2/NDF : 1612048.6/21

In: 560.752+/-0.210 χ^2/NDF : 1018982.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.413+/-0.139 χ^2/NDF : 1612048.6/21

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1427.530+/-1465.598 χ^2 /NDF: 9.0/9

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

Right Out: 2878.534+/-1327.167 χ^2 /NDF: 5.4/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

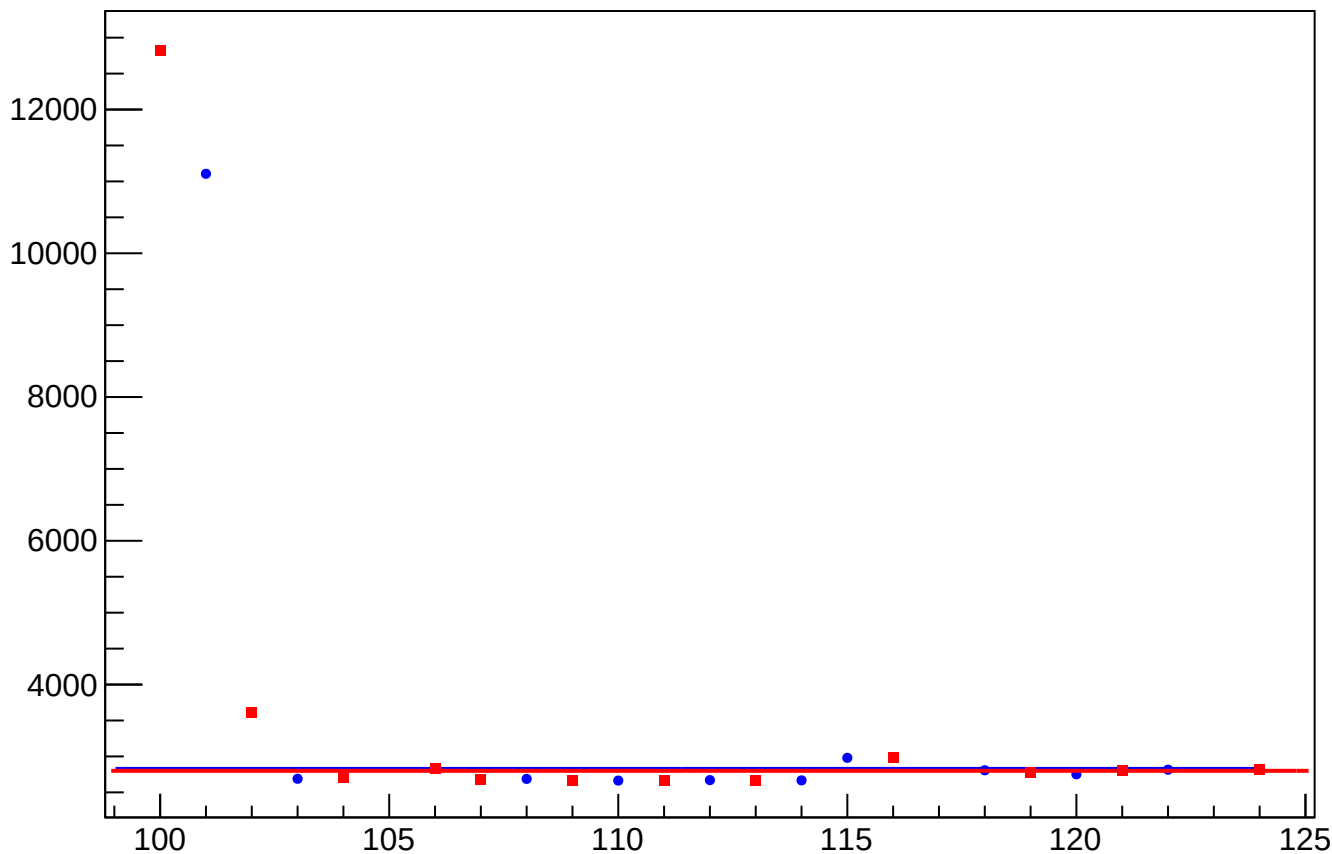
Right: 2224.779+/-983.758 χ^2 /NDF: 15.0/21

In: 1427.530+/-1465.598 χ^2 /NDF:9.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2224.779+/-983.758 χ^2 /NDF: 15.0/21

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2826.437+/-1.036 χ^2/NDF : 742311.8/9

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

Right Out: 2799.833+/-0.938 χ^2/NDF : 145947.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

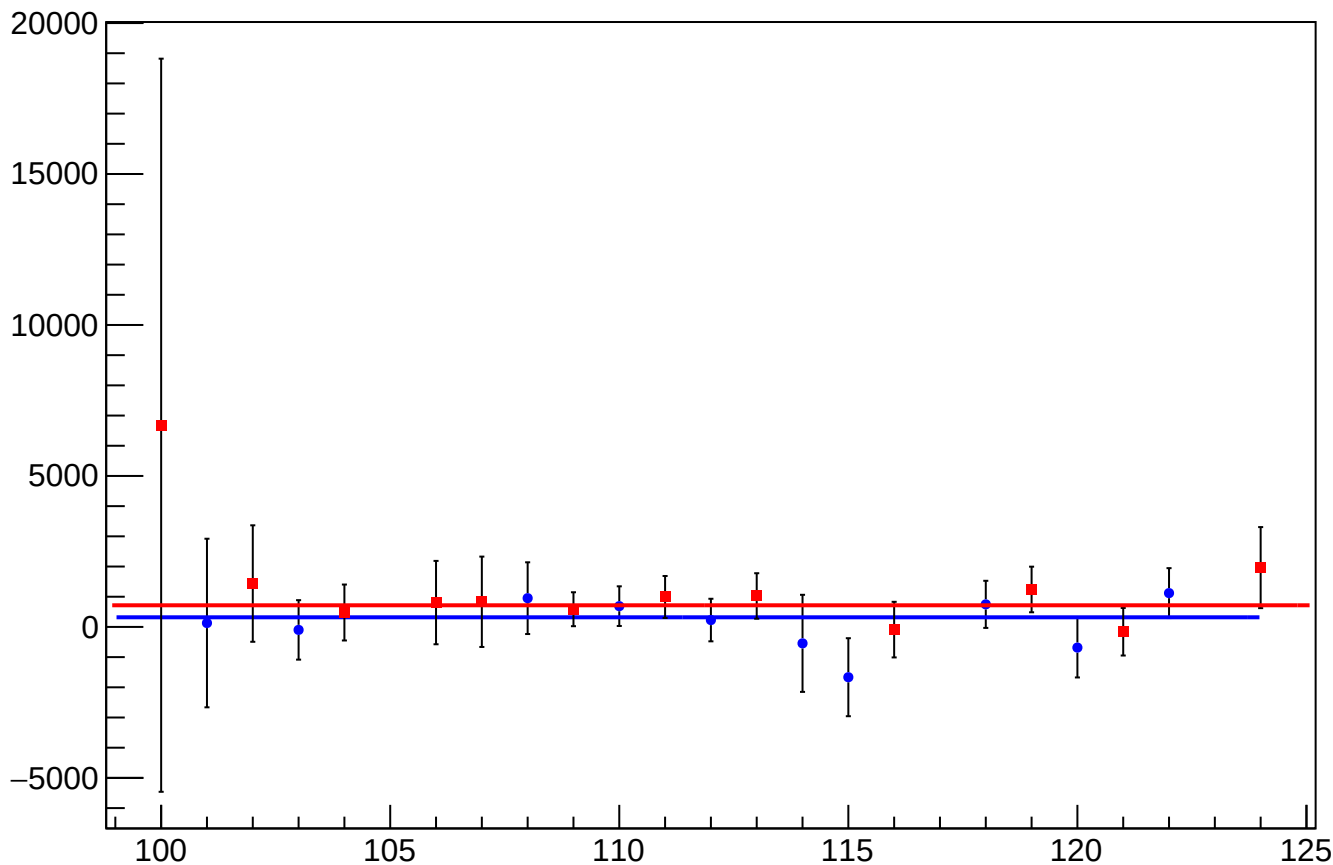
Right: 2811.820+/-0.696 χ^2/NDF : 888621.3/21

In: 2826.437+/-1.036 χ^2/NDF : 742311.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2811.820+/-0.696 χ^2/NDF : 888621.3/21

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 318.681+/-297.269 χ^2/NDF : 5.7/9

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

Right Out: 716.603+/-262.523 χ^2/NDF : 4.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

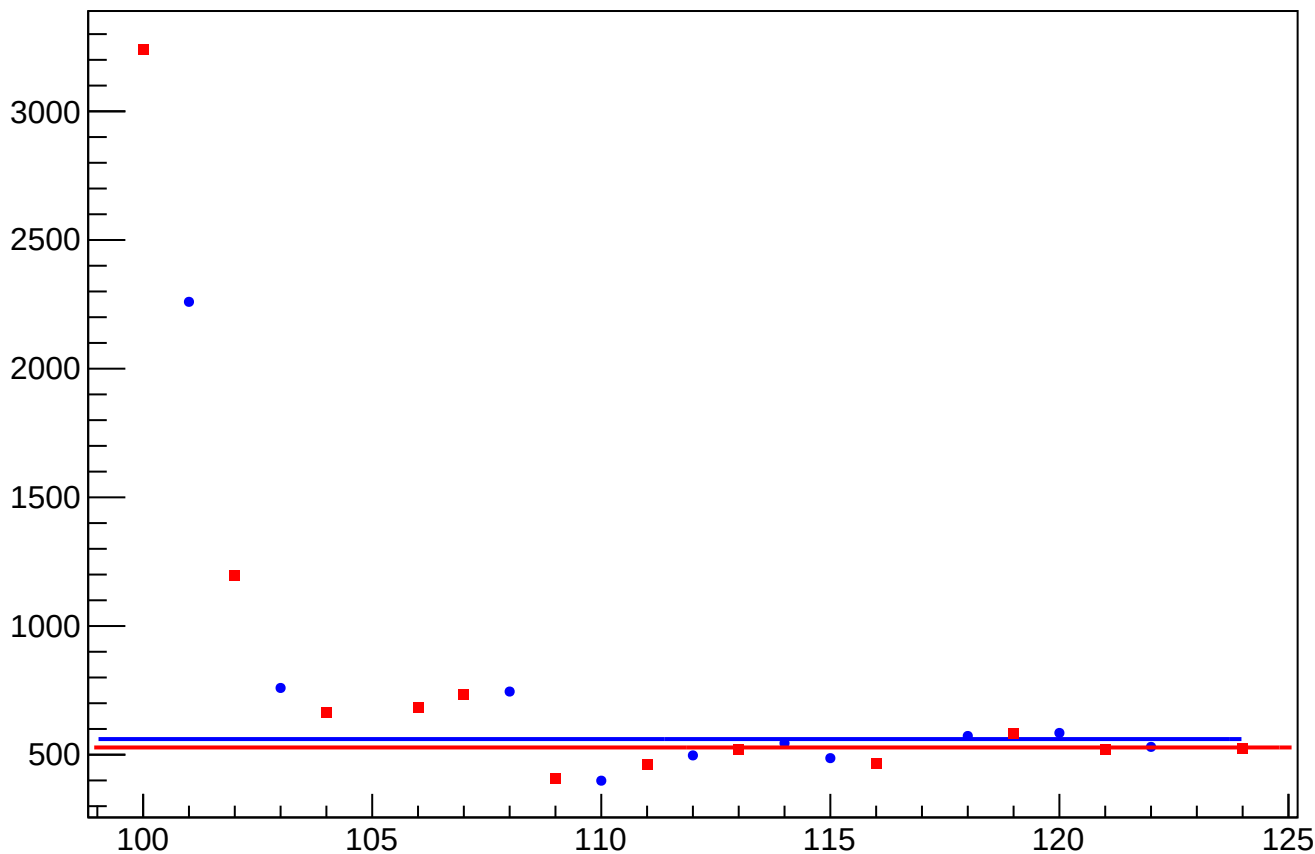
Right: 542.247+/-196.775 χ^2/NDF : 10.9/21

In: 318.681+/-297.269 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.247+/-196.775 χ^2/NDF : 10.9/21

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 560.752 ± 0.210 χ^2/NDF : 1018982.4/9

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

Right Out: 528.110 ± 0.186 χ^2/NDF : 579518.0/11

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

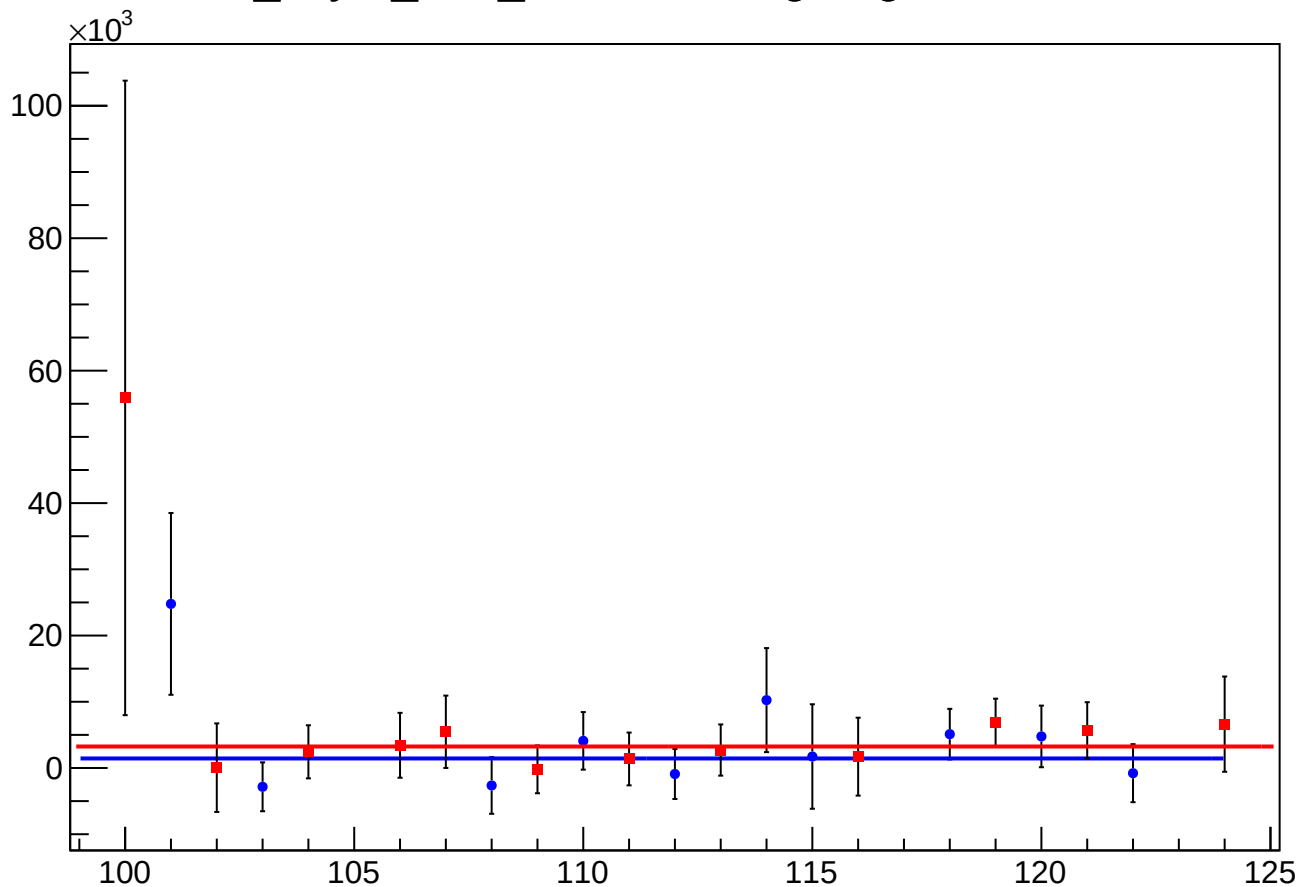
Right: 542.413 ± 0.139 χ^2/NDF : 1612048.6/21

In: 560.752 ± 0.210 χ^2/NDF : 1018982.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 542.413 ± 0.139 χ^2/NDF : 1612048.6/21

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1439.641+/-1481.673 χ^2/NDF : 8.9/9

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

Right Out: 3245.920+/-1351.508 χ^2/NDF : 4.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

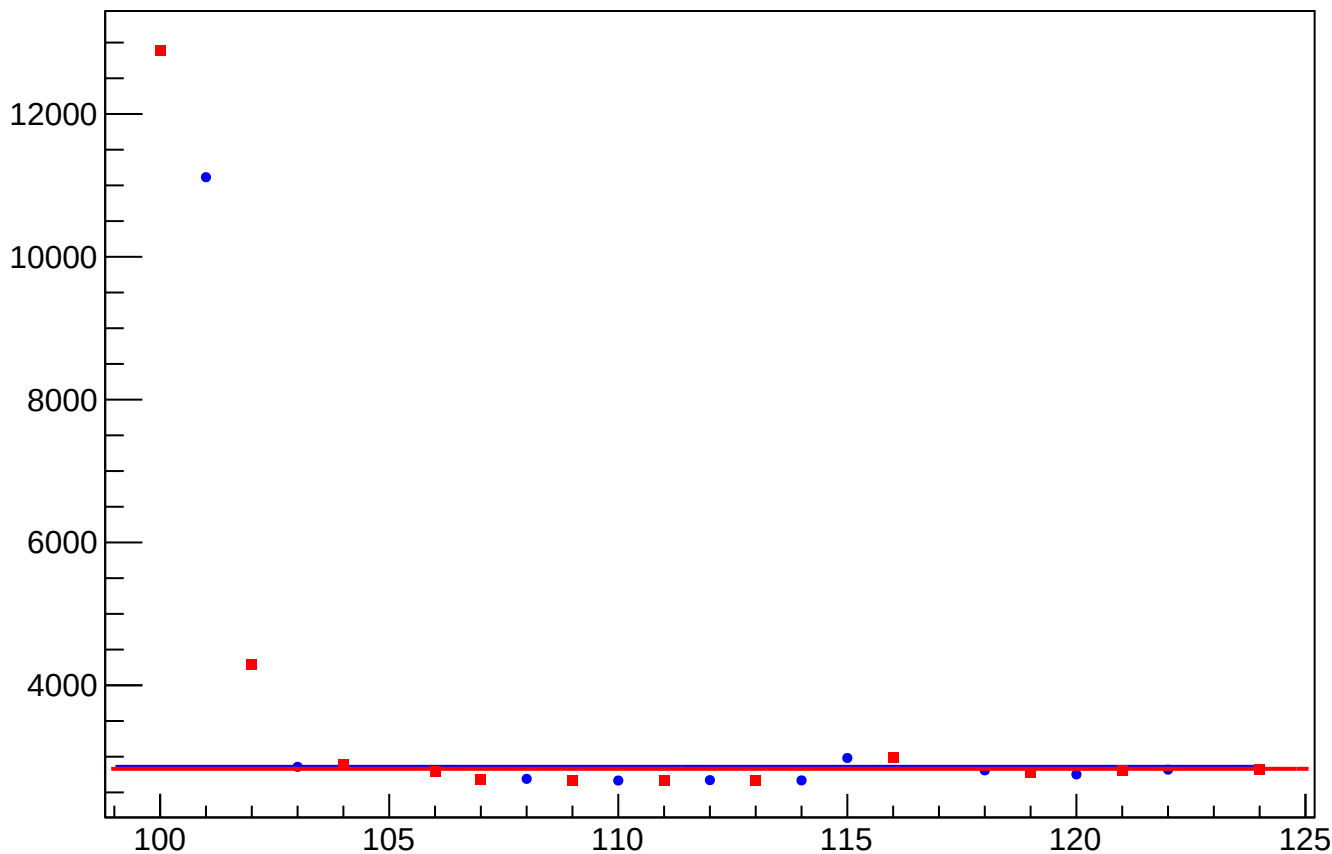
Right: 2425.591+/-998.513 χ^2/NDF : 14.1/21

In: 1439.641+/-1481.673 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2425.591+/-998.513 χ^2/NDF : 14.1/21

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2858.121+/-1.048 χ^2/NDF : 738572.2/9

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

Right Out: 2830.420+/-0.956 χ^2/NDF : 199148.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

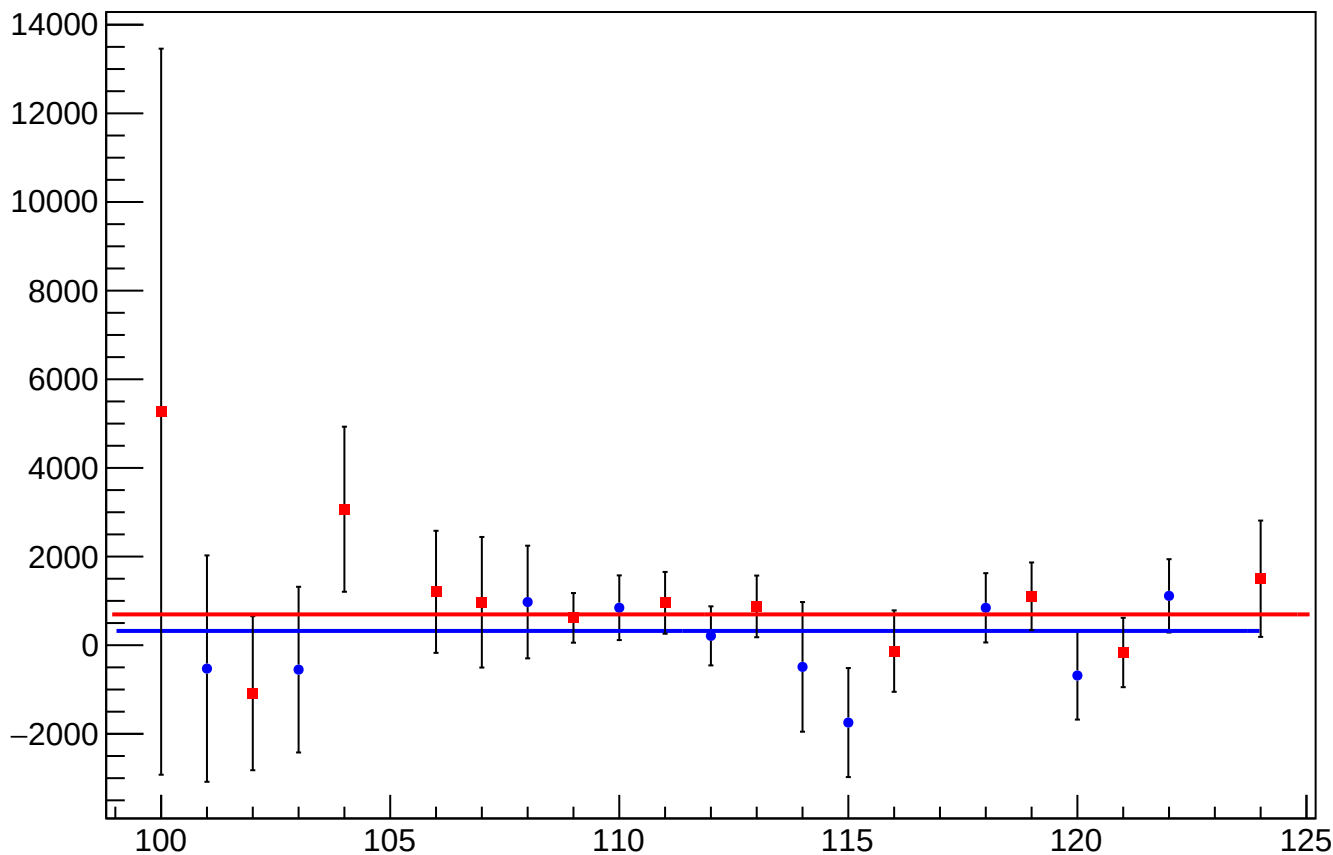
Right: 2843.000+/-0.706 χ^2/NDF : 938102.7/21

In: 2858.121+/-1.048 χ^2/NDF : 738572.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2843.000+/-0.706 χ^2/NDF : 938102.7/21

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 322.250+/-309.743 χ^2/NDF : 6.6/9

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

Right Out: 695.291+/-266.812 χ^2/NDF : 6.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

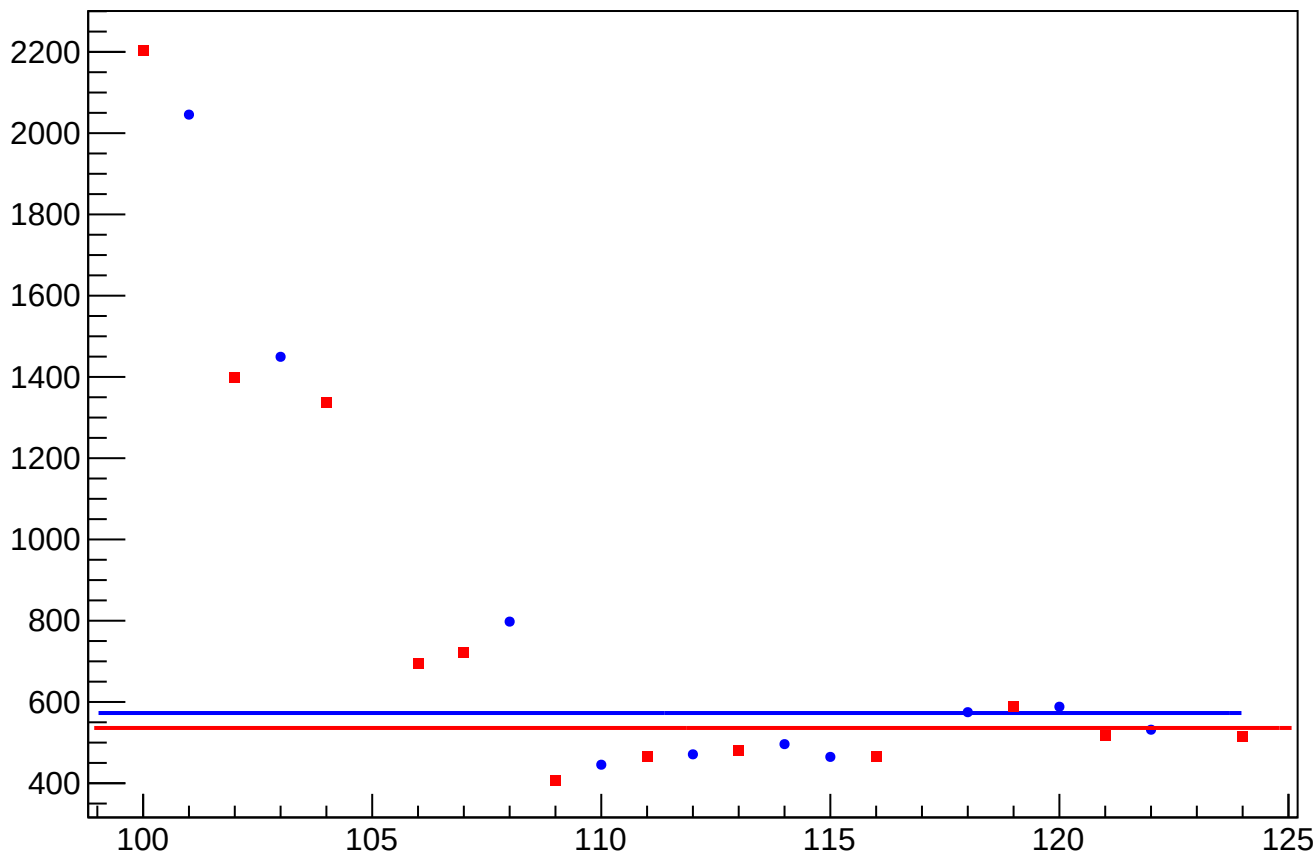
Right: 536.394+/-202.153 χ^2/NDF : 13.5/21

In: 322.250+/-309.743 χ^2/NDF :6.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 536.394+/-202.153 χ^2/NDF : 13.5/21

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 572.819+/-0.219 χ^2/NDF : 1301273.8/9

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

Right Out: 536.030+/-0.189 χ^2/NDF : 1167089.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

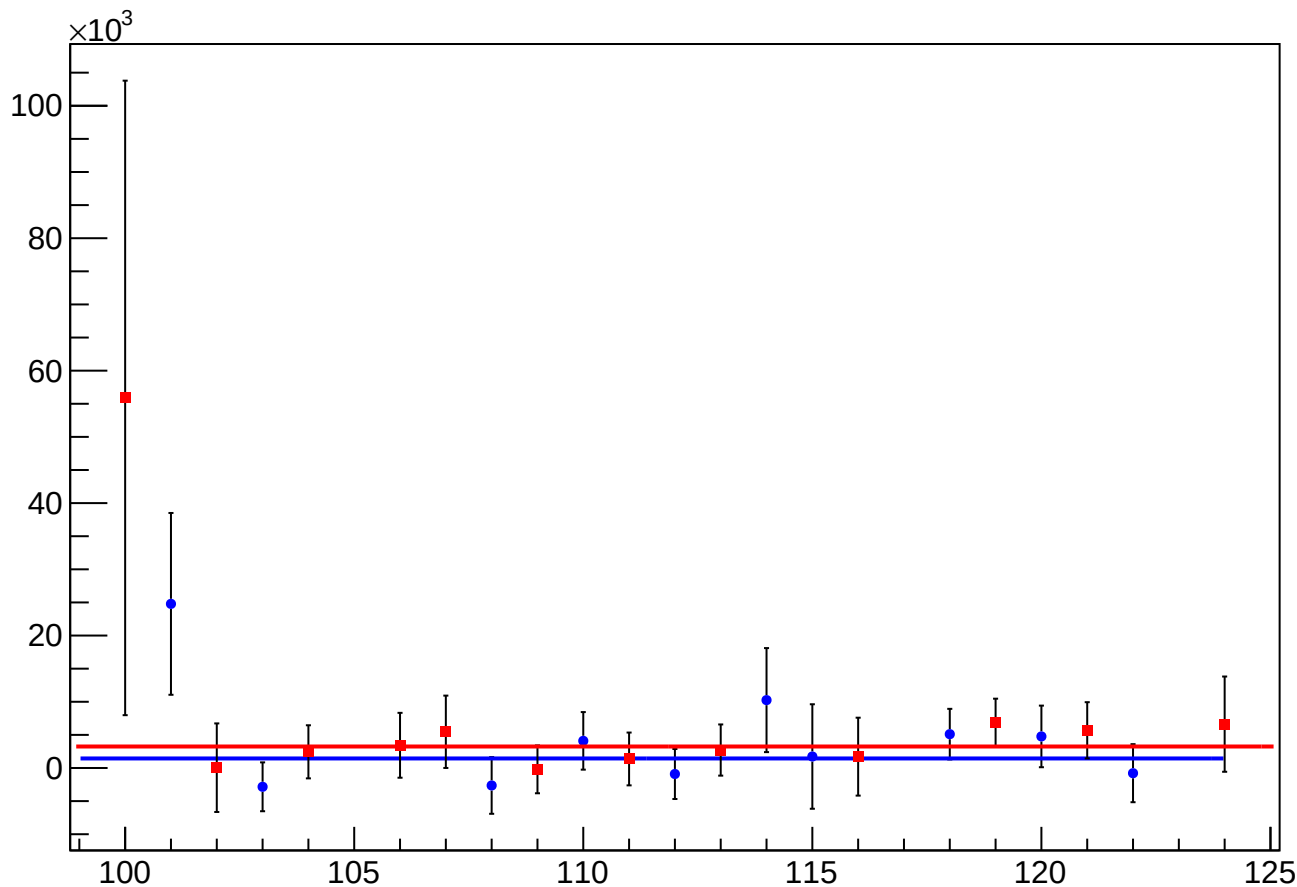
Right: 551.700+/-0.143 χ^2/NDF : 2484559.0/21

In: 572.819+/-0.219 χ^2/NDF : 1301273.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.700+/-0.143 χ^2/NDF : 2484559.0/21

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1439.641+/-1481.672 χ^2/NDF : 8.9/9

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

Right Out: 3245.918+/-1351.508 χ^2/NDF : 4.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

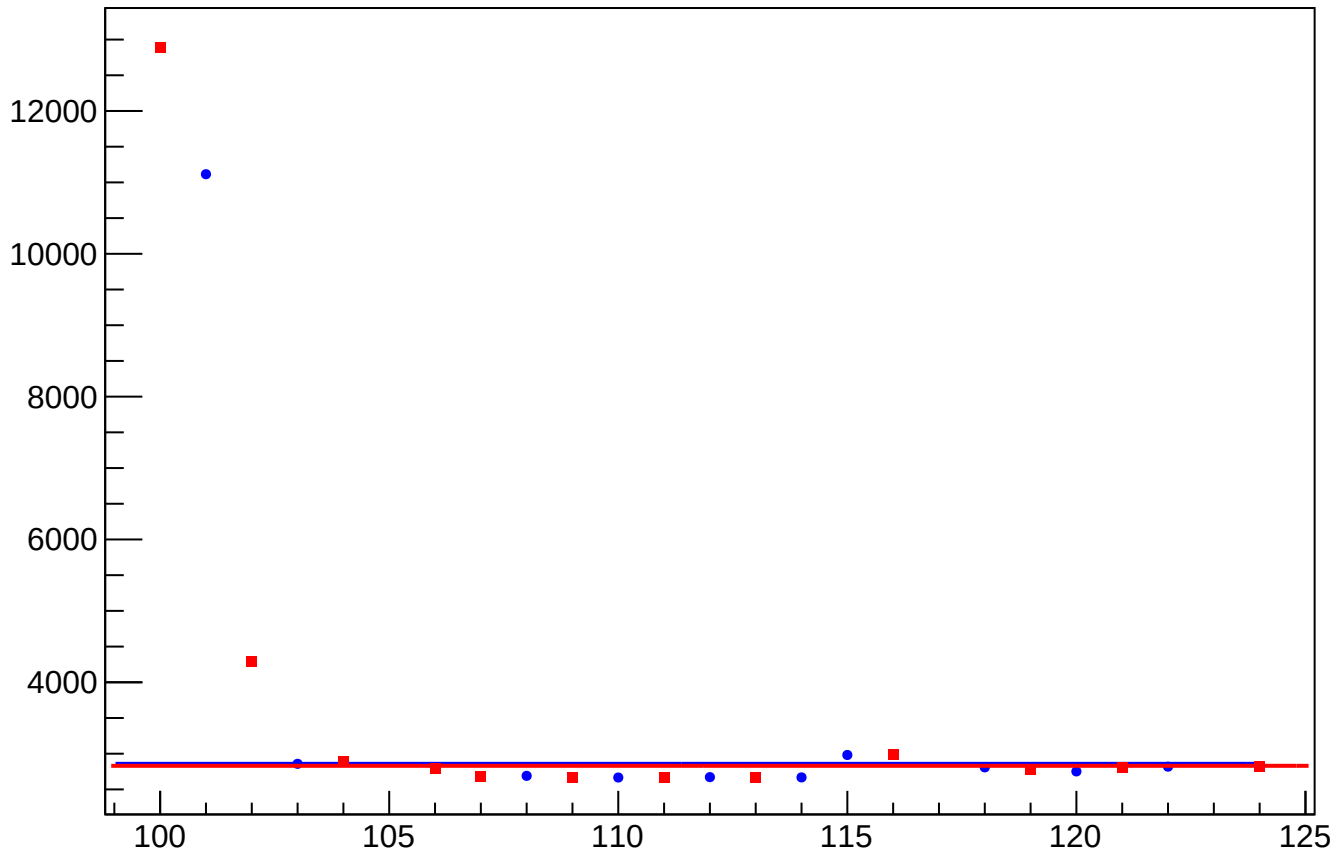
Right: 2425.590+/-998.513 χ^2/NDF : 14.1/21

In: 1439.641+/-1481.672 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2425.590+/-998.513 χ^2/NDF : 14.1/21

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2858.121+/-1.048 χ^2/NDF : 738572.2/9

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

Right Out: 2830.420+/-0.956 χ^2/NDF : 199148.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

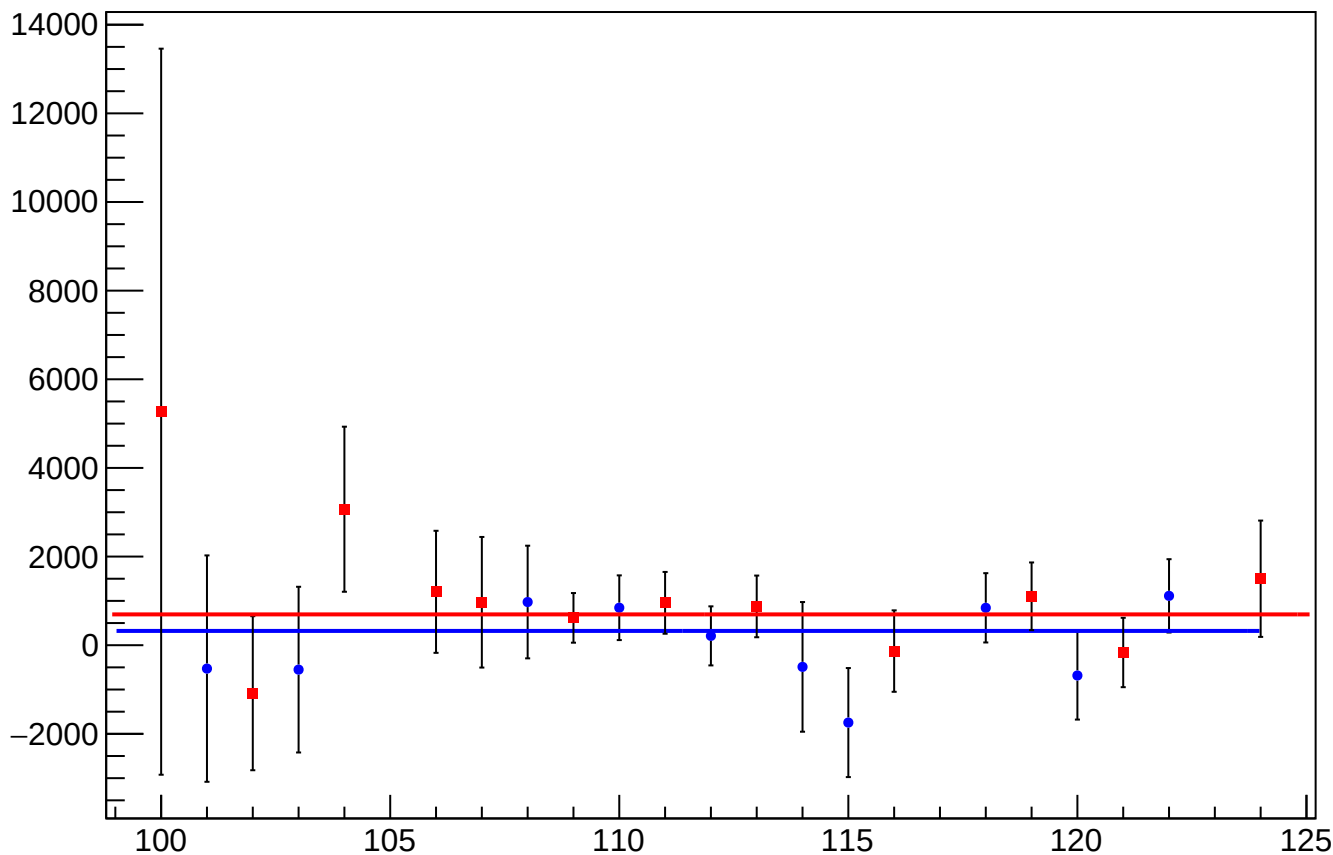
Right: 2843.000+/-0.706 χ^2/NDF : 938102.5/21

In: 2858.121+/-1.048 χ^2/NDF : 738572.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2843.000+/-0.706 χ^2/NDF : 938102.5/21

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 322.251+/-309.743 χ^2/NDF : 6.6/9

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

Right Out: 695.291+/-266.812 χ^2/NDF : 6.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

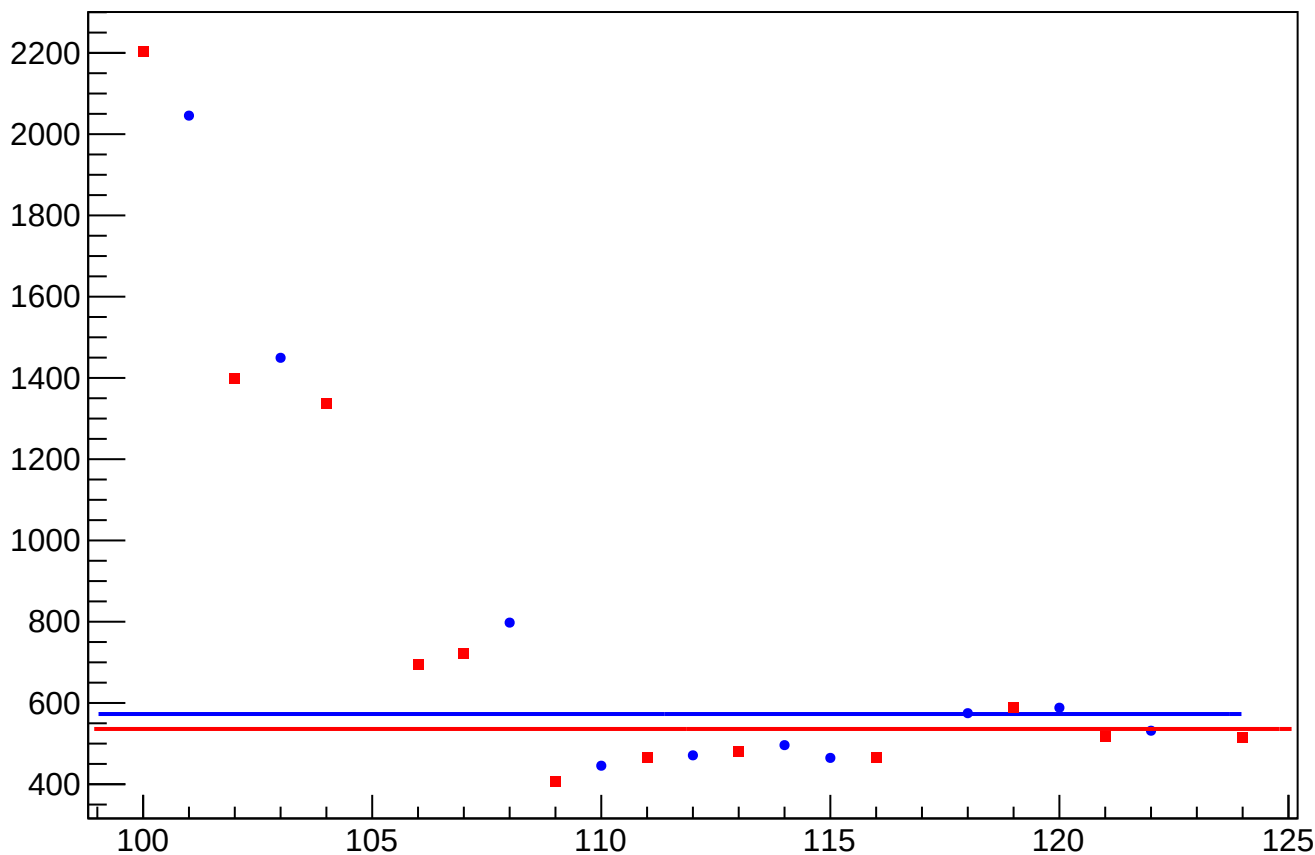
Right: 536.395+/-202.153 χ^2/NDF : 13.5/21

In: 322.251+/-309.743 χ^2/NDF :6.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 536.395+/-202.153 χ^2/NDF : 13.5/21

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 572.819+/-0.219 χ^2/NDF : 1301267.1/9

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

Right Out: 536.030+/-0.189 χ^2/NDF : 1167085.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

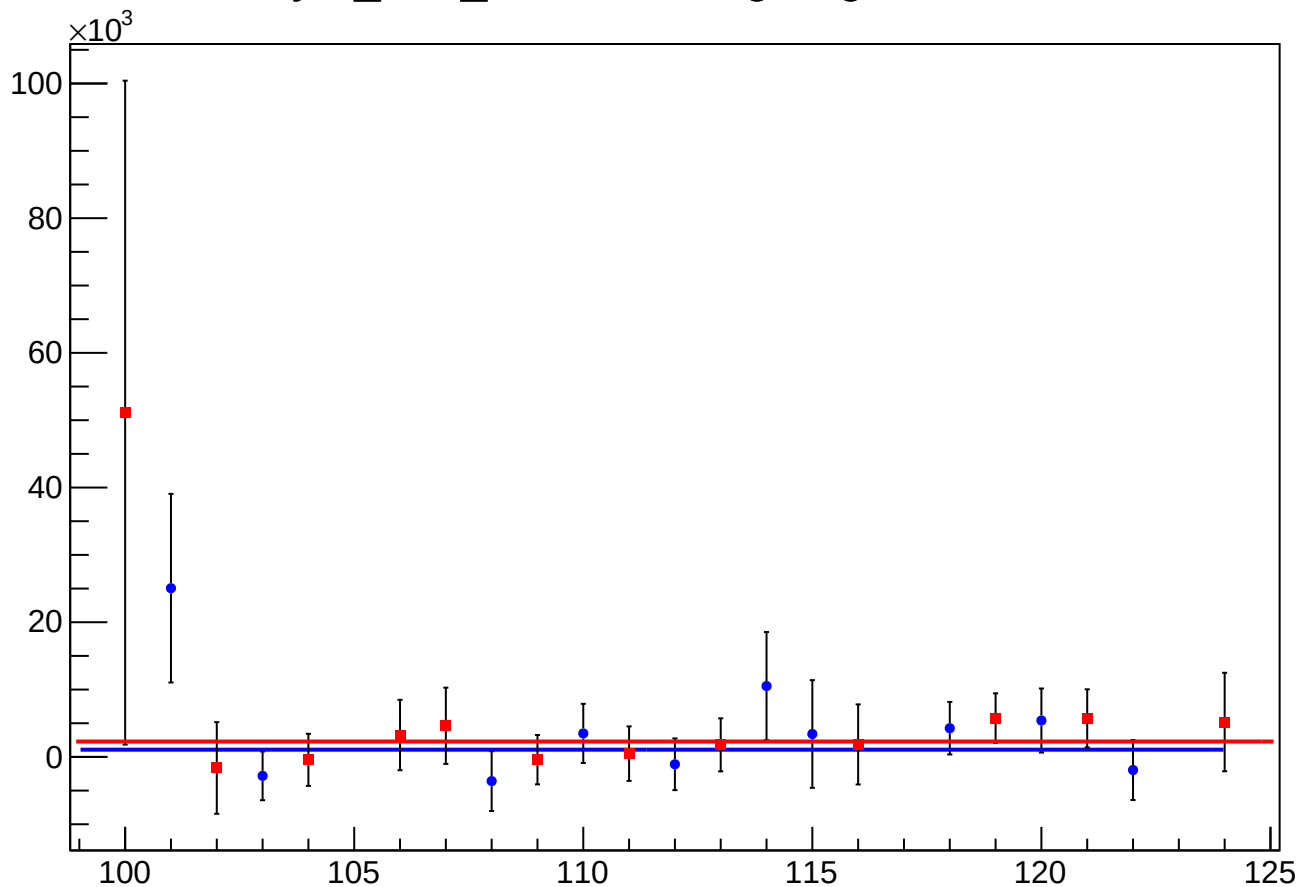
Right: 551.701+/-0.143 χ^2/NDF : 2484548.8/21

In: 572.819+/-0.219 χ^2/NDF : 1301267.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.701+/-0.143 χ^2/NDF : 2484548.8/21

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1073.699+/-1502.046 χ^2/NDF : 9.2/9

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

Right Out: 2288.023+/-1371.988 χ^2/NDF : 4.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

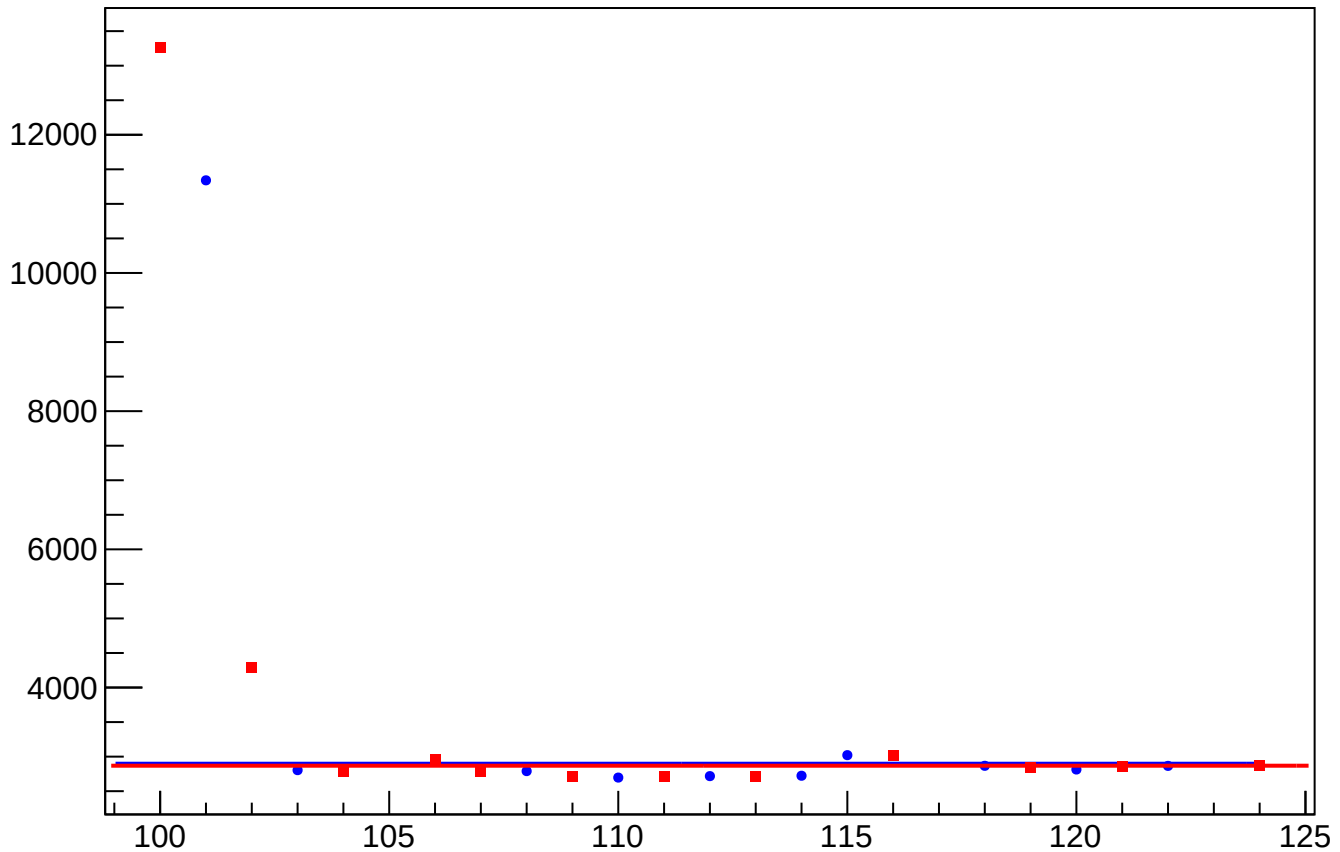
Right: 1735.700+/-1013.007 χ^2/NDF : 14.1/21

In: 1073.699+/-1502.046 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.700+/-1013.007 χ^2/NDF : 14.1/21

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2897.266+/-1.062 χ^2/NDF : 740176.4/9

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

Right Out: 2868.644+/-0.970 χ^2/NDF : 190174.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

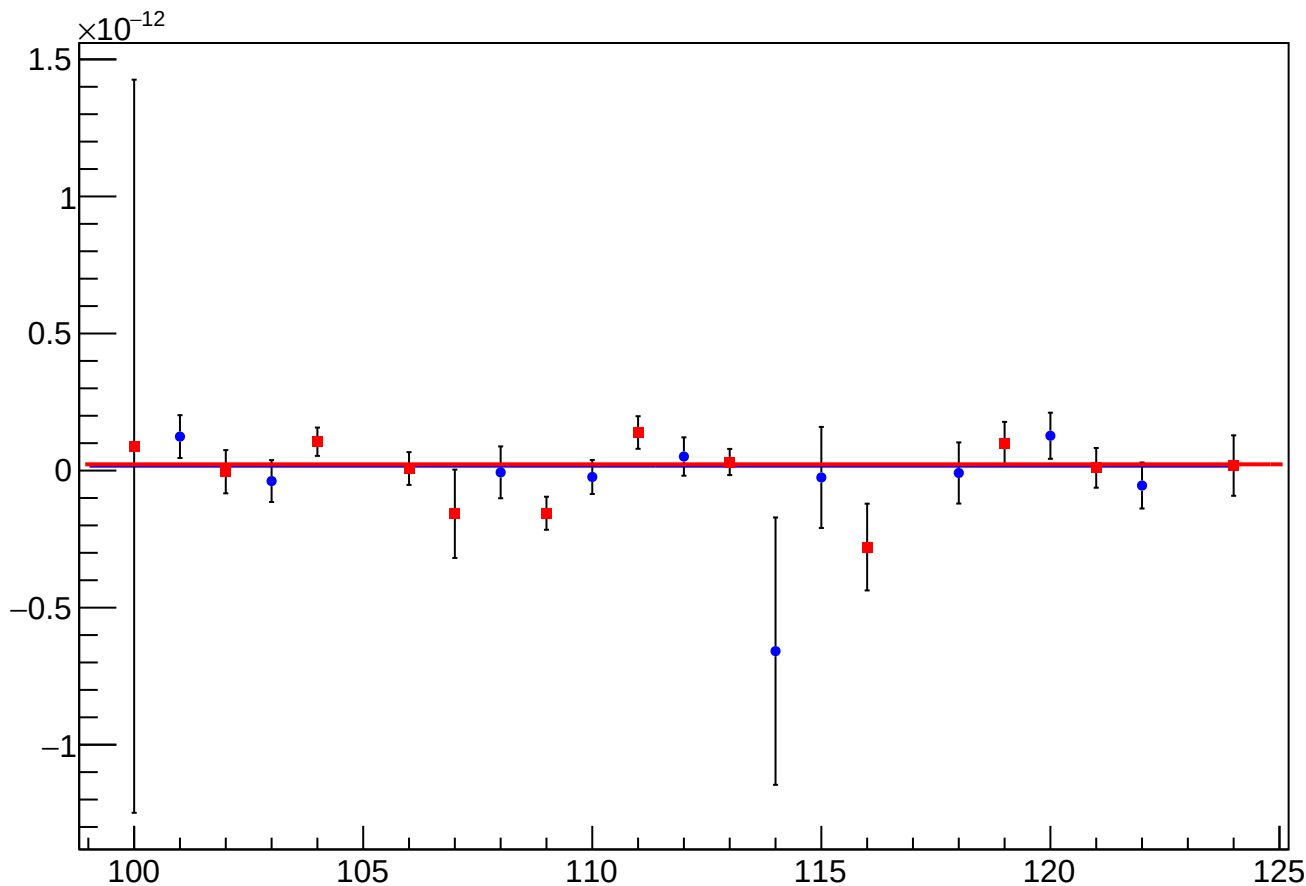
Right: 2881.663+/-0.716 χ^2/NDF : 930746.9/21

In: 2897.266+/-1.062 χ^2/NDF : 740176.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2881.663+/-0.716 χ^2/NDF : 930746.9/21

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 21.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

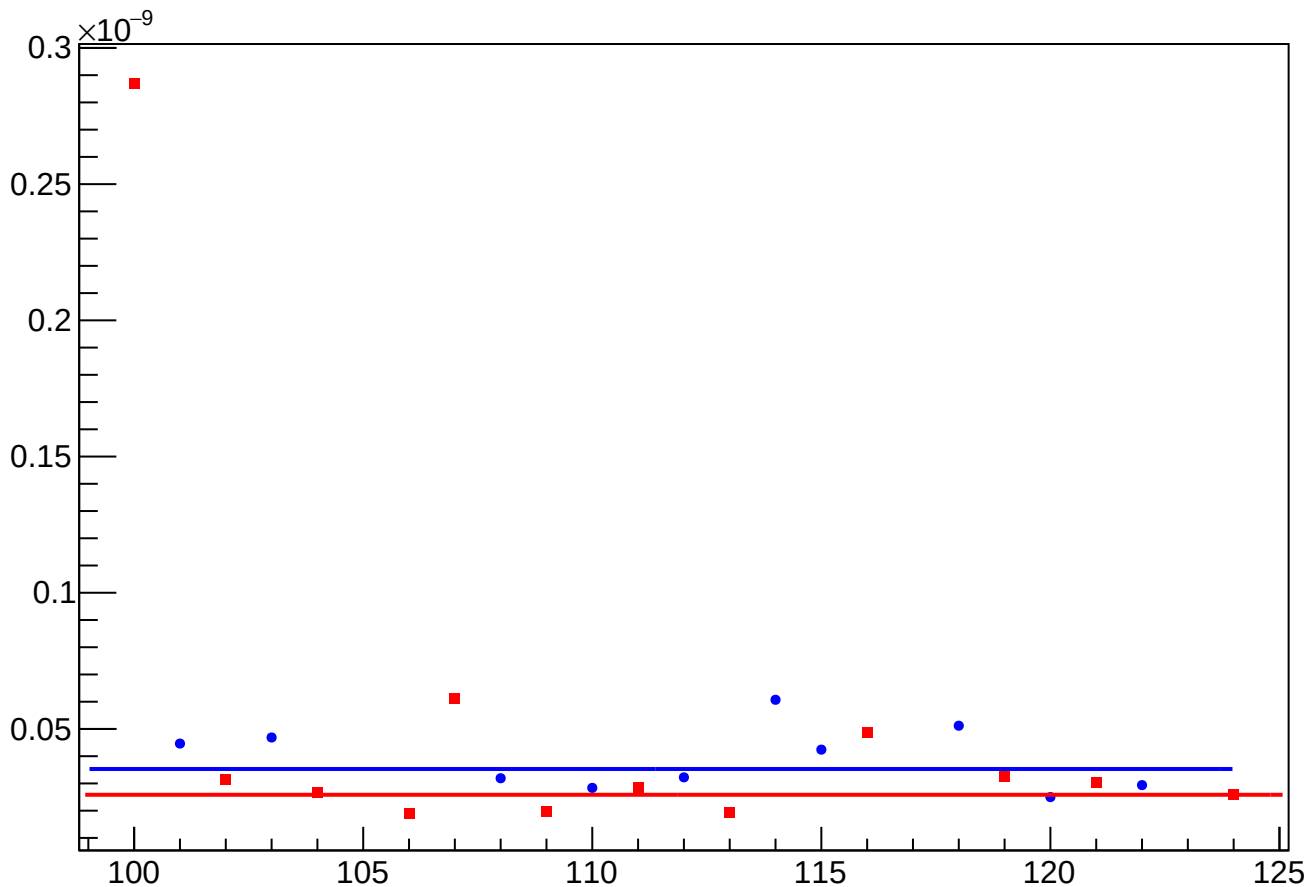
Right: 0.000+/-0.000 χ^2/NDF : 28.8/21

In: 0.000+/-0.000 χ^2/NDF : 7.6/9

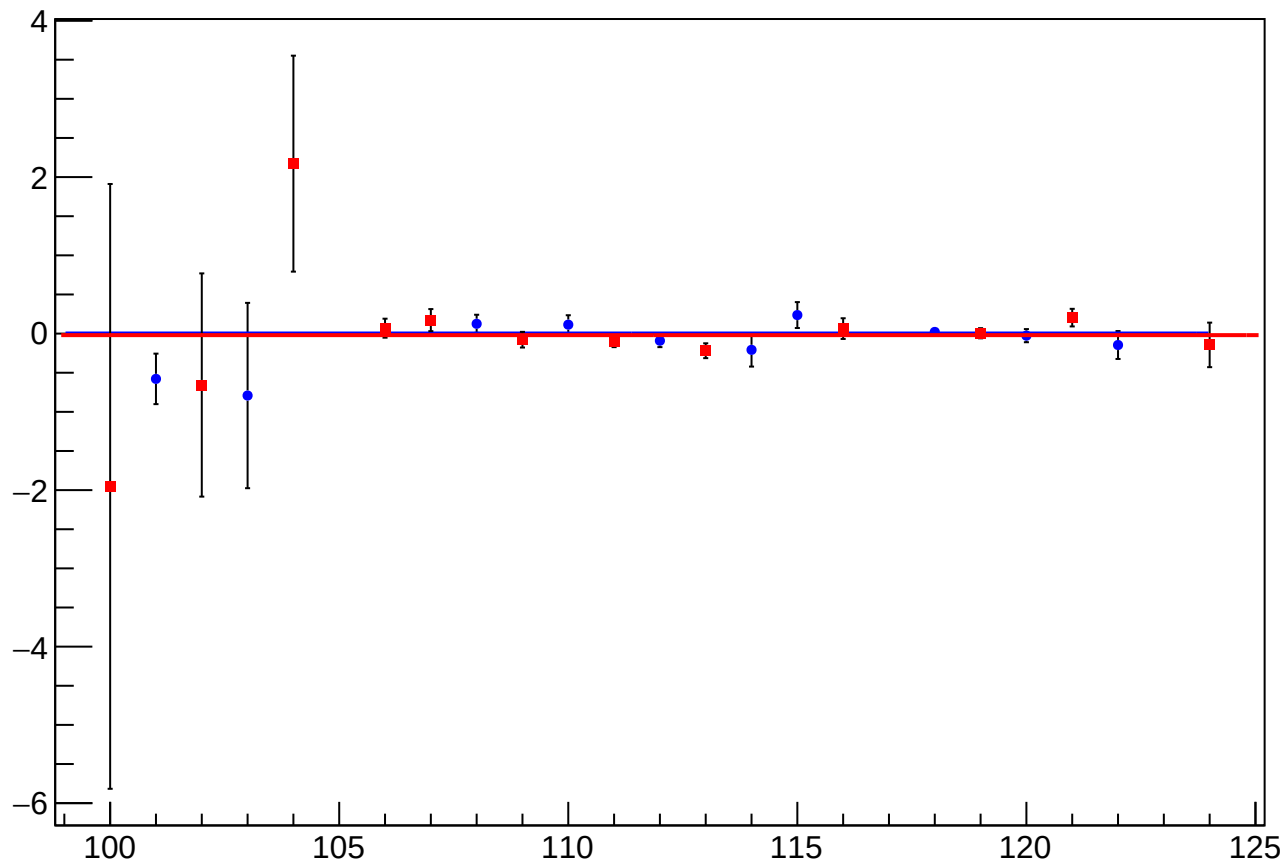
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.8/21

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.034 χ^2 /NDF: 10.9/9

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

Right Out: -0.020 $\pm$ 0.033 χ^2 /NDF: 16.0/11

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

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

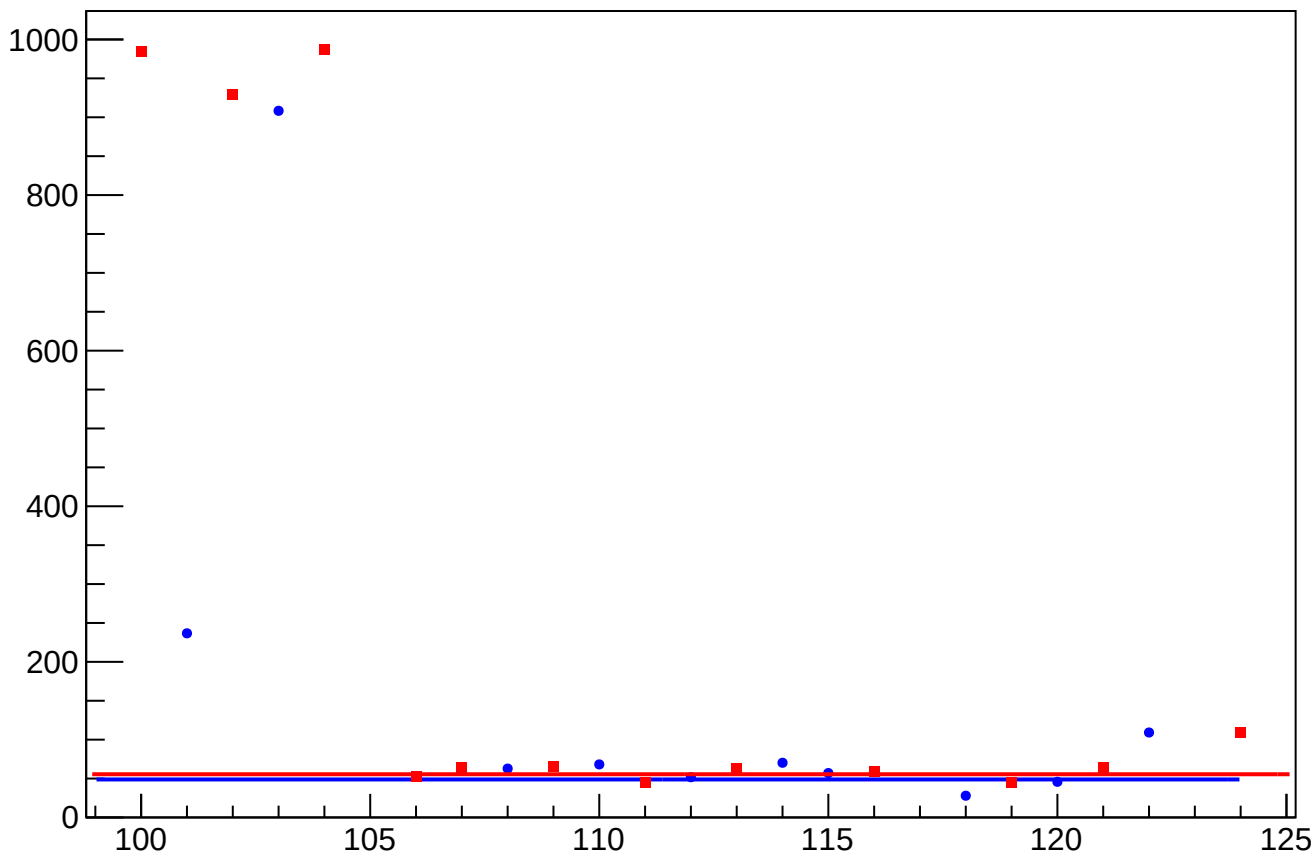
Right: -0.009 $\pm$ 0.024 χ^2 /NDF: 27.1/21

In: 0.001 $\pm$ 0.034 χ^2 /NDF:10.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.024 χ^2 /NDF: 27.1/21

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.844+/-0.024 χ^2/NDF : 2383335.1/9

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

Right Out: 55.536+/-0.024 χ^2/NDF : 2005869.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

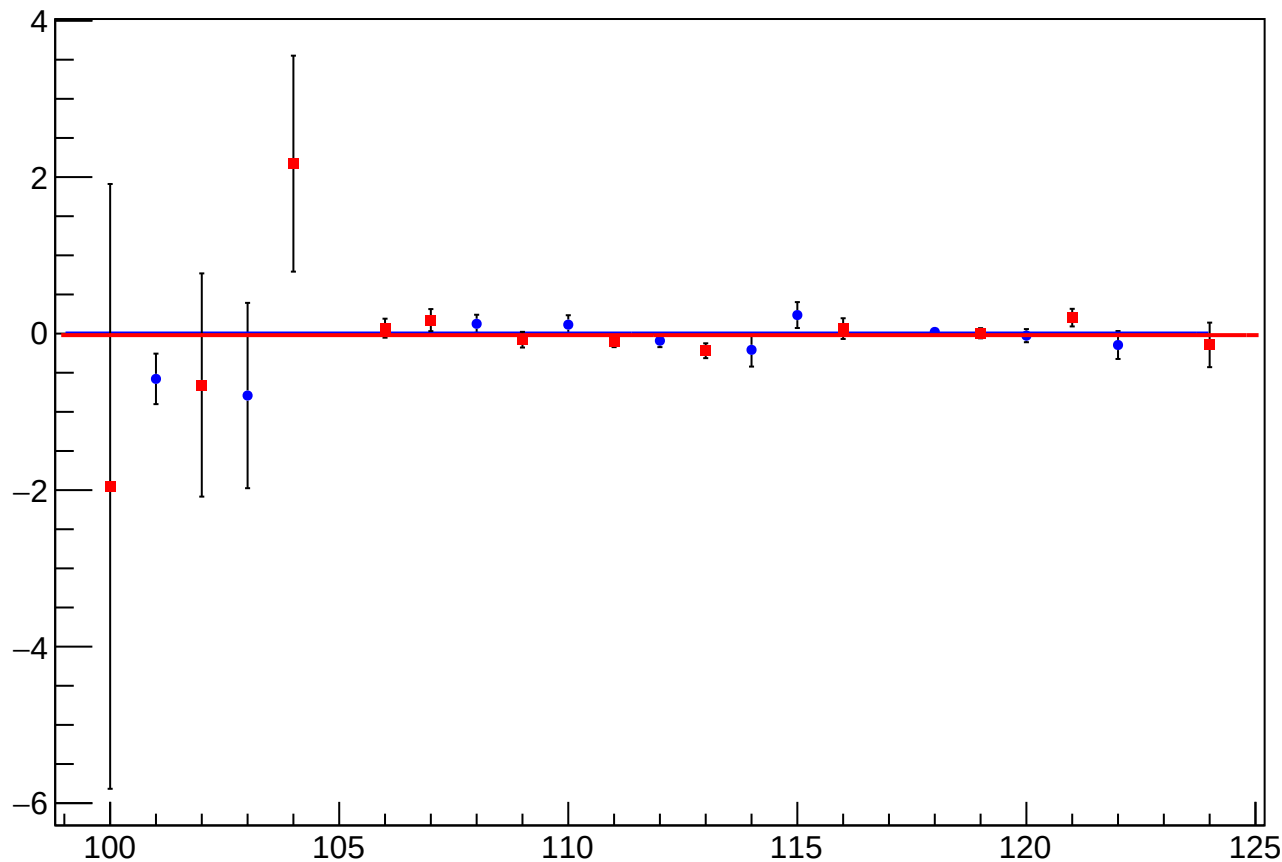
Right: 52.215+/-0.017 χ^2/NDF : 4429407.6/21

In: 48.844+/-0.024 χ^2/NDF : 2383335.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.215+/-0.017 χ^2/NDF : 4429407.6/21

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.034 χ^2/NDF : 10.9/9

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

Right Out: -0.020+/-0.033 χ^2/NDF : 16.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

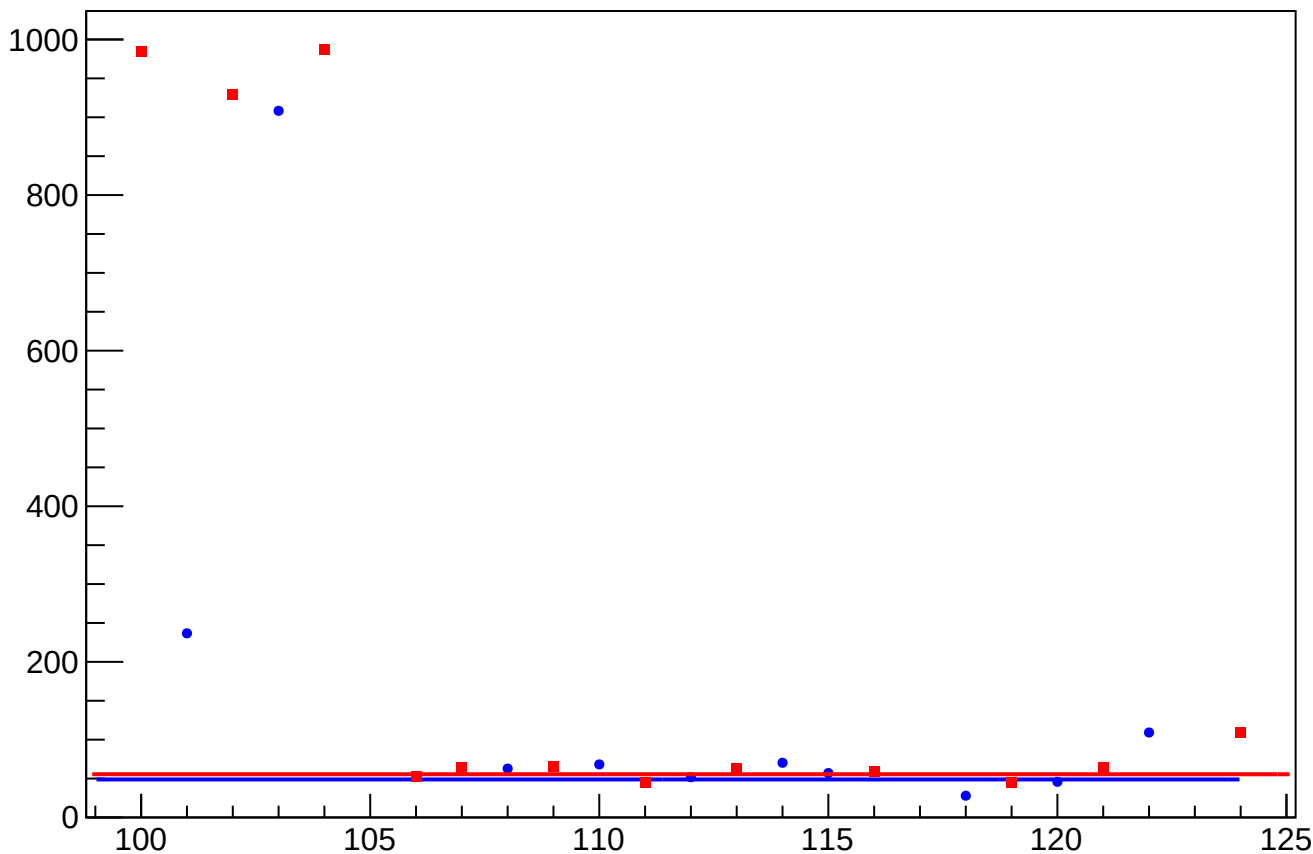
Right: -0.009+/-0.024 χ^2/NDF : 27.1/21

In: 0.001+/-0.034 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.009+/-0.024 χ^2/NDF : 27.1/21

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.844+/-0.024 χ^2/NDF : 2383335.1/9

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

Right Out: 55.536+/-0.024 χ^2/NDF : 2005869.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

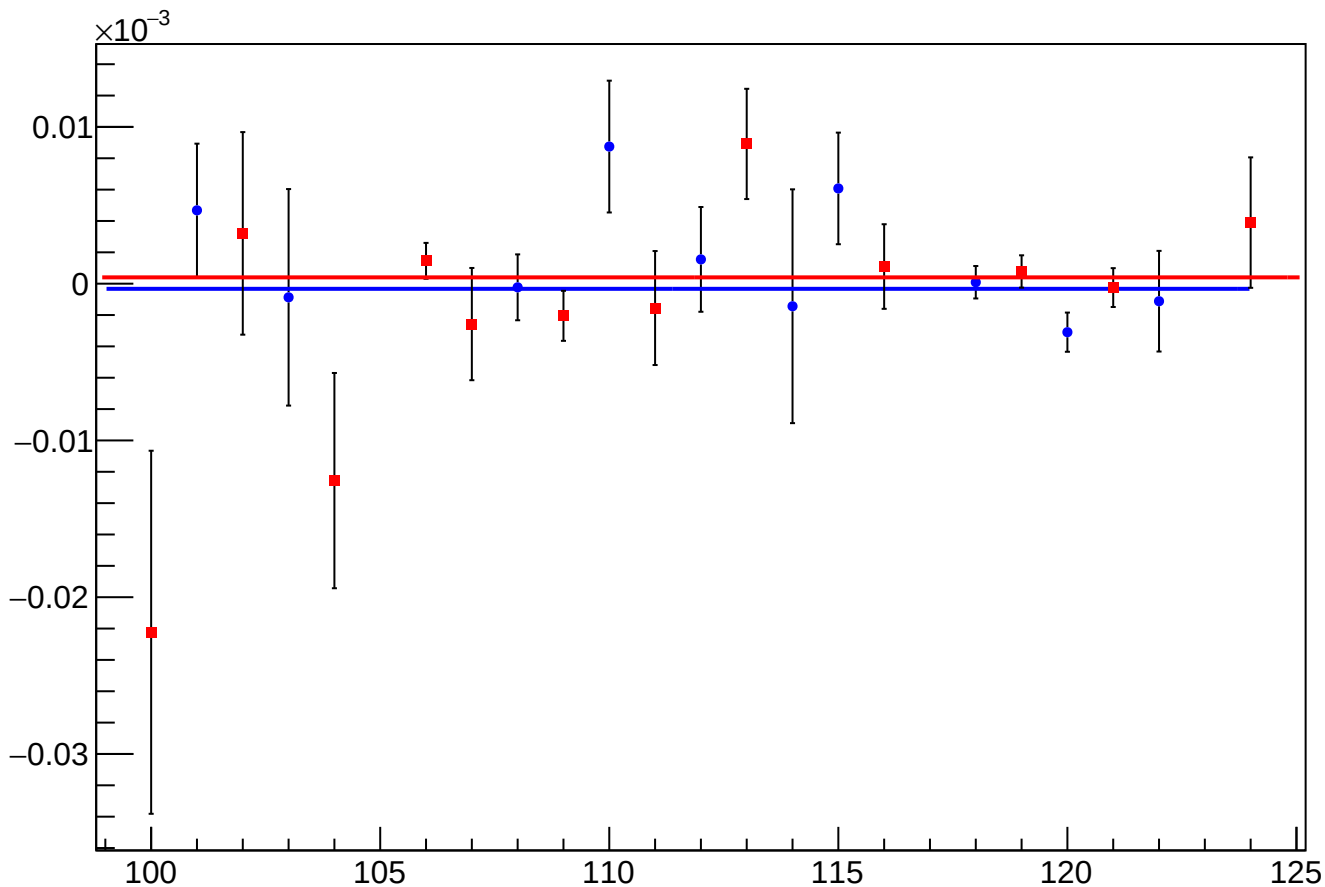
Right: 52.215+/-0.017 χ^2/NDF : 4429407.6/21

In: 48.844+/-0.024 χ^2/NDF : 2383335.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.215+/-0.017 χ^2/NDF : 4429407.6/21

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.8/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 18.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

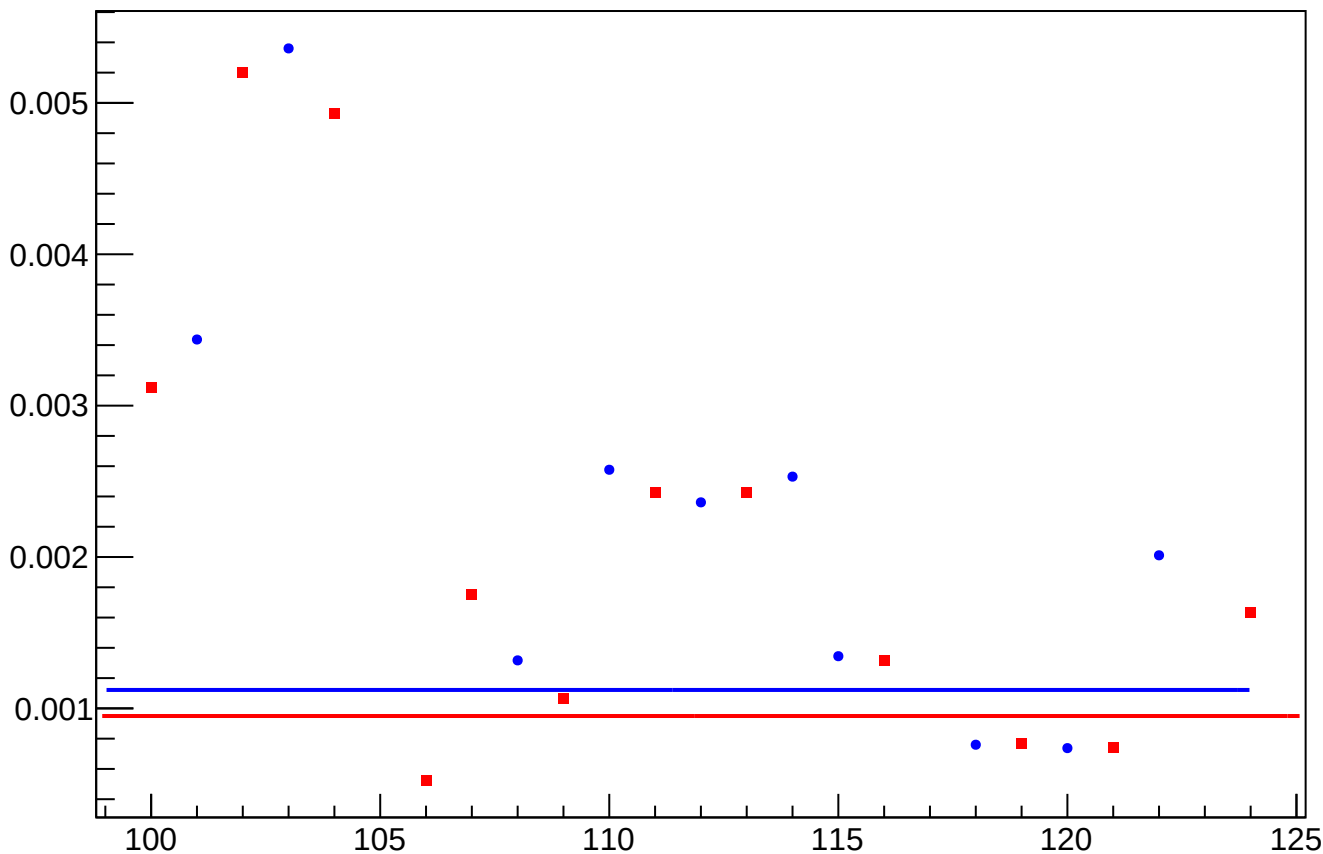
Right: 0.000+/-0.000 χ^2/NDF : 34.3/21

In: -0.000+/-0.000 χ^2/NDF : 14.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.3/21

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2544425.8/9

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2888851.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

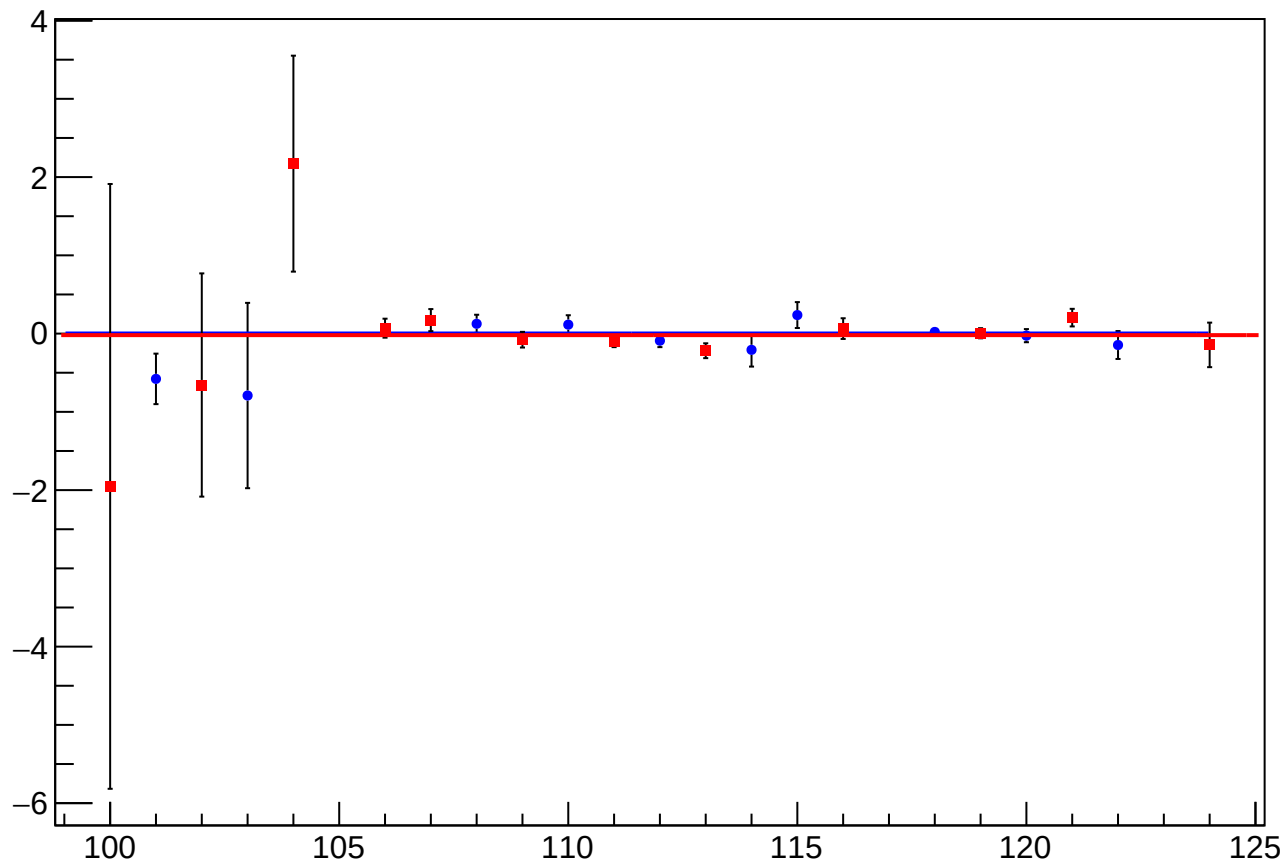
Right: 0.001+/-0.000 χ^2/NDF : 5511219.2/21

In: 0.001+/-0.000 χ^2/NDF :2544425.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5511219.2/21

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.034 χ^2/NDF : 10.9/9

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

Right Out: -0.020+/-0.033 χ^2/NDF : 16.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

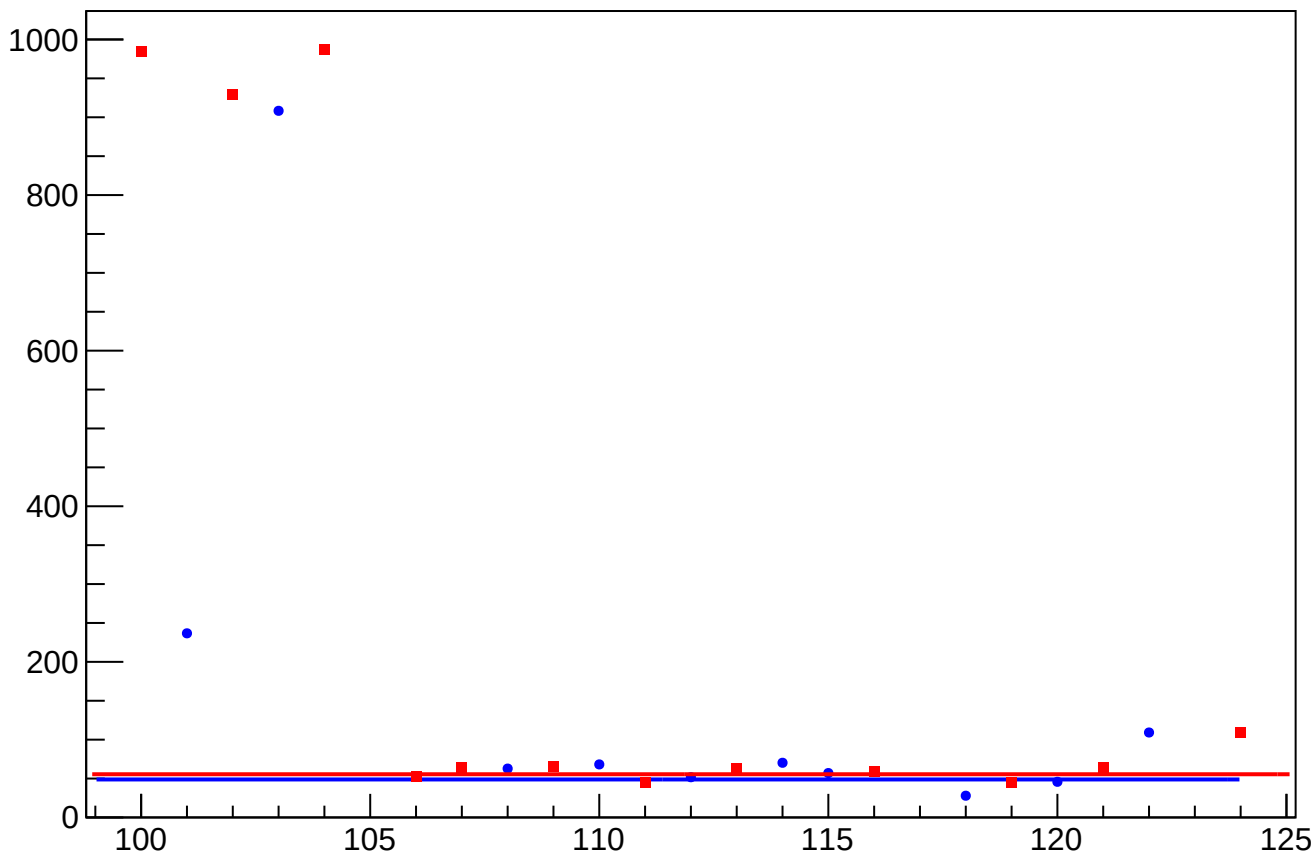
Right: -0.009+/-0.024 χ^2/NDF : 27.1/21

In: 0.001+/-0.034 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.024 χ^2/NDF : 27.1/21

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.843+/-0.024 χ^2/NDF : 2383385.1/9

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

Right Out: 55.536+/-0.024 χ^2/NDF : 2005867.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

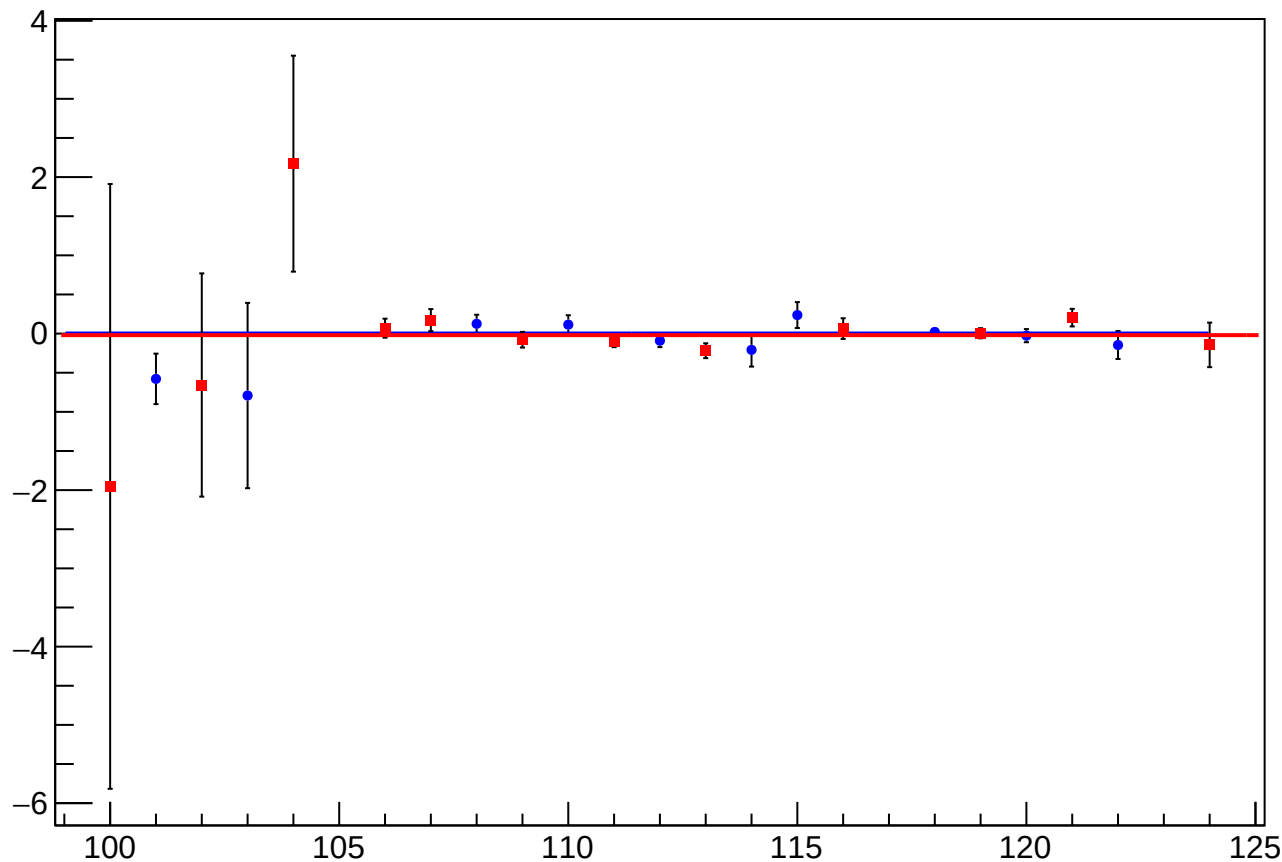
Right: 52.215+/-0.017 χ^2/NDF : 4429465.4/21

In: 48.843+/-0.024 χ^2/NDF : 2383385.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.215+/-0.017 χ^2/NDF : 4429465.4/21

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.034 χ^2/NDF : 10.9/9

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

Right Out: -0.020+/-0.033 χ^2/NDF : 16.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

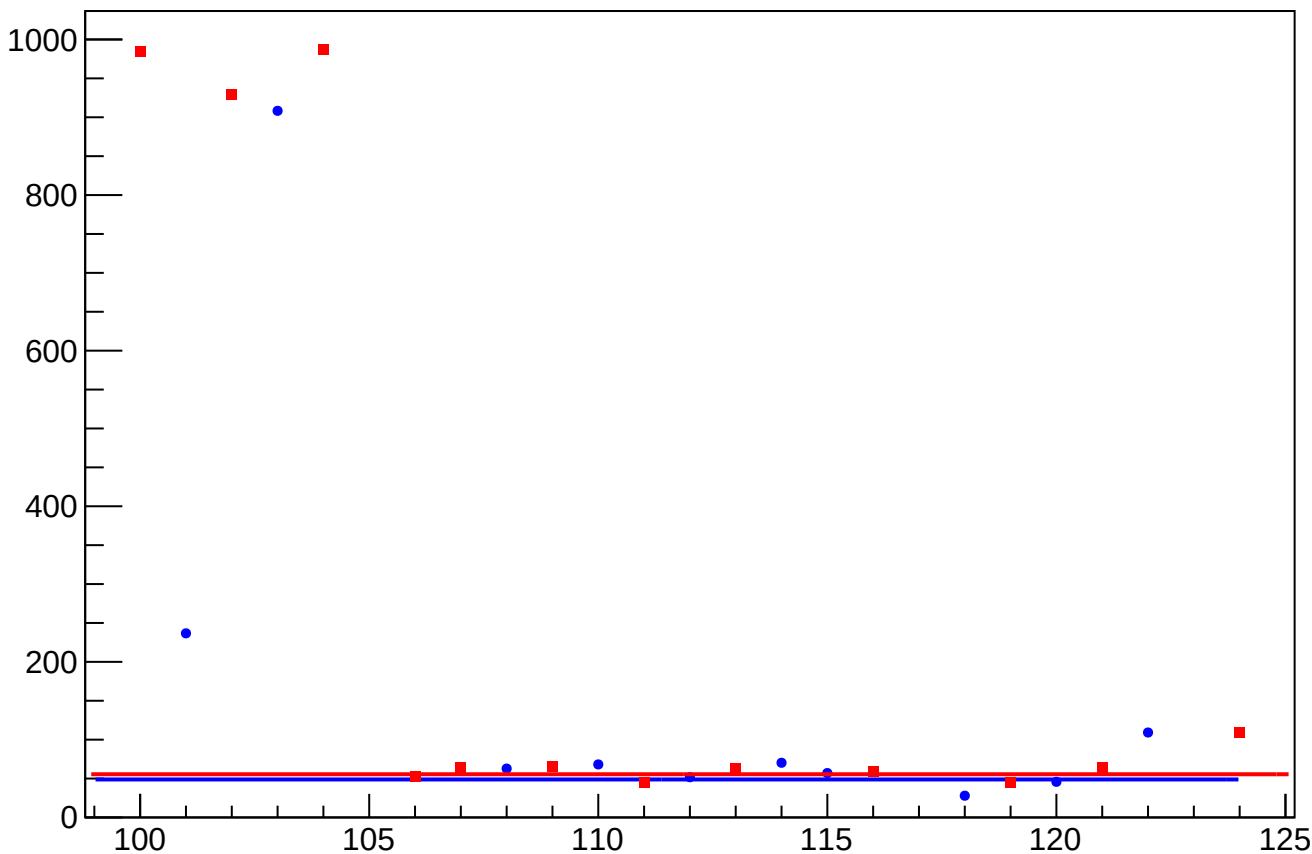
Right: -0.009+/-0.024 χ^2/NDF : 27.1/21

In: 0.001+/-0.034 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.024 χ^2/NDF : 27.1/21

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.843+/-0.024 χ^2/NDF : 2383385.1/9

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

Right Out: 55.536+/-0.024 χ^2/NDF : 2005867.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

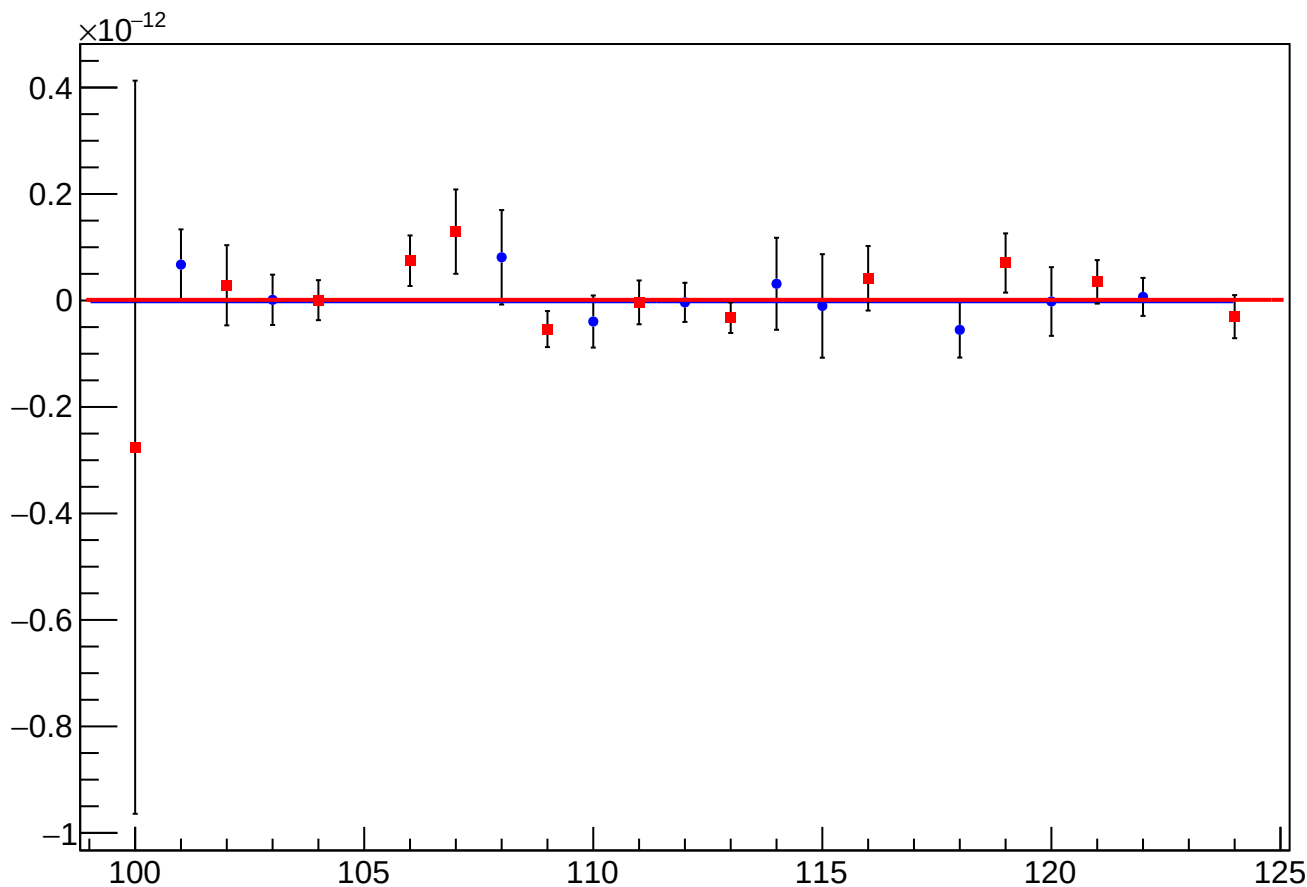
Right: 52.215+/-0.017 χ^2/NDF : 4429465.4/21

In: 48.843+/-0.024 χ^2/NDF : 2383385.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.215+/-0.017 χ^2/NDF : 4429465.4/21

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.8/9

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

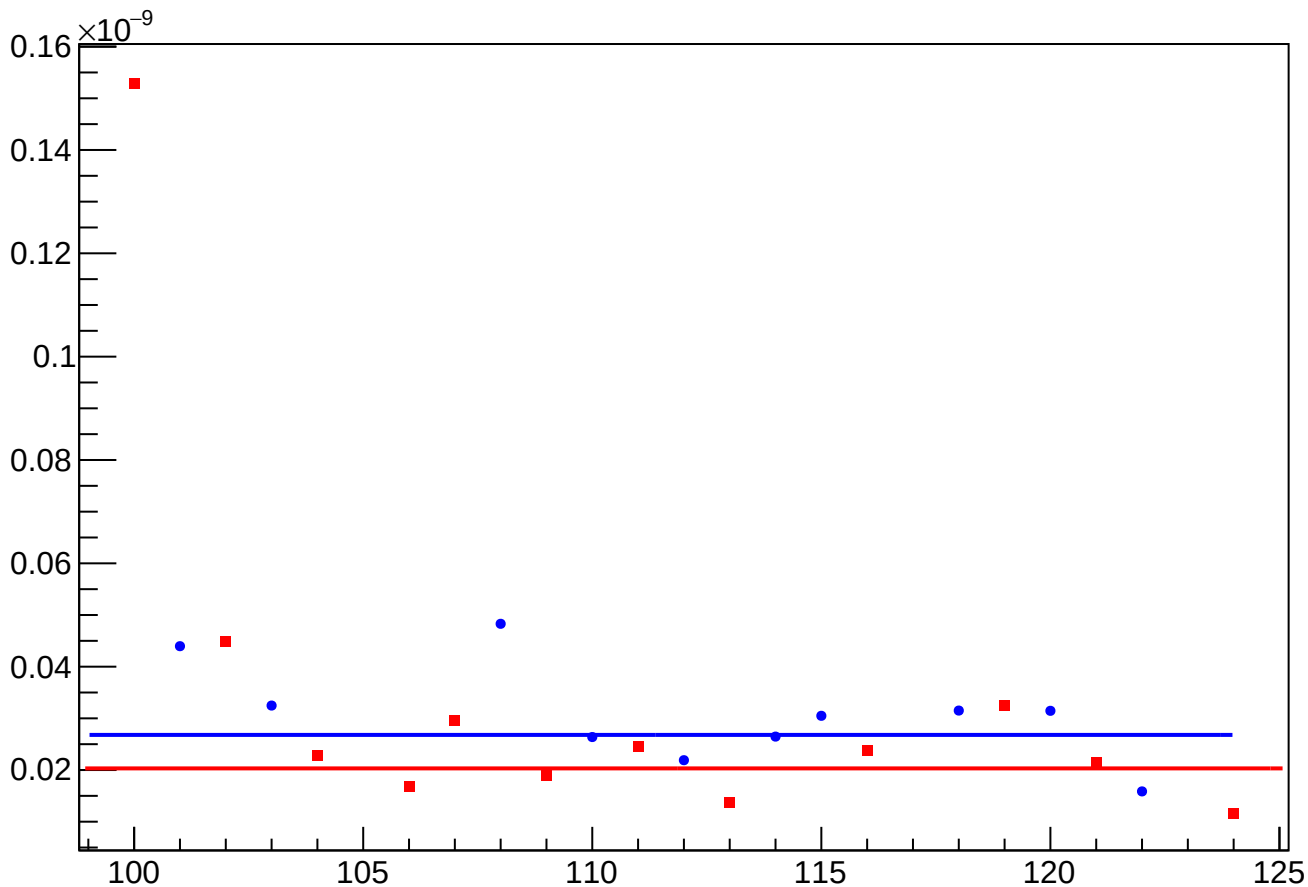
Right: 0.000+/-0.000 χ^2 /NDF: 16.4/21

In: -0.000+/-0.000 χ^2 /NDF:3.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 16.4/21

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 533943.2/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 658711.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

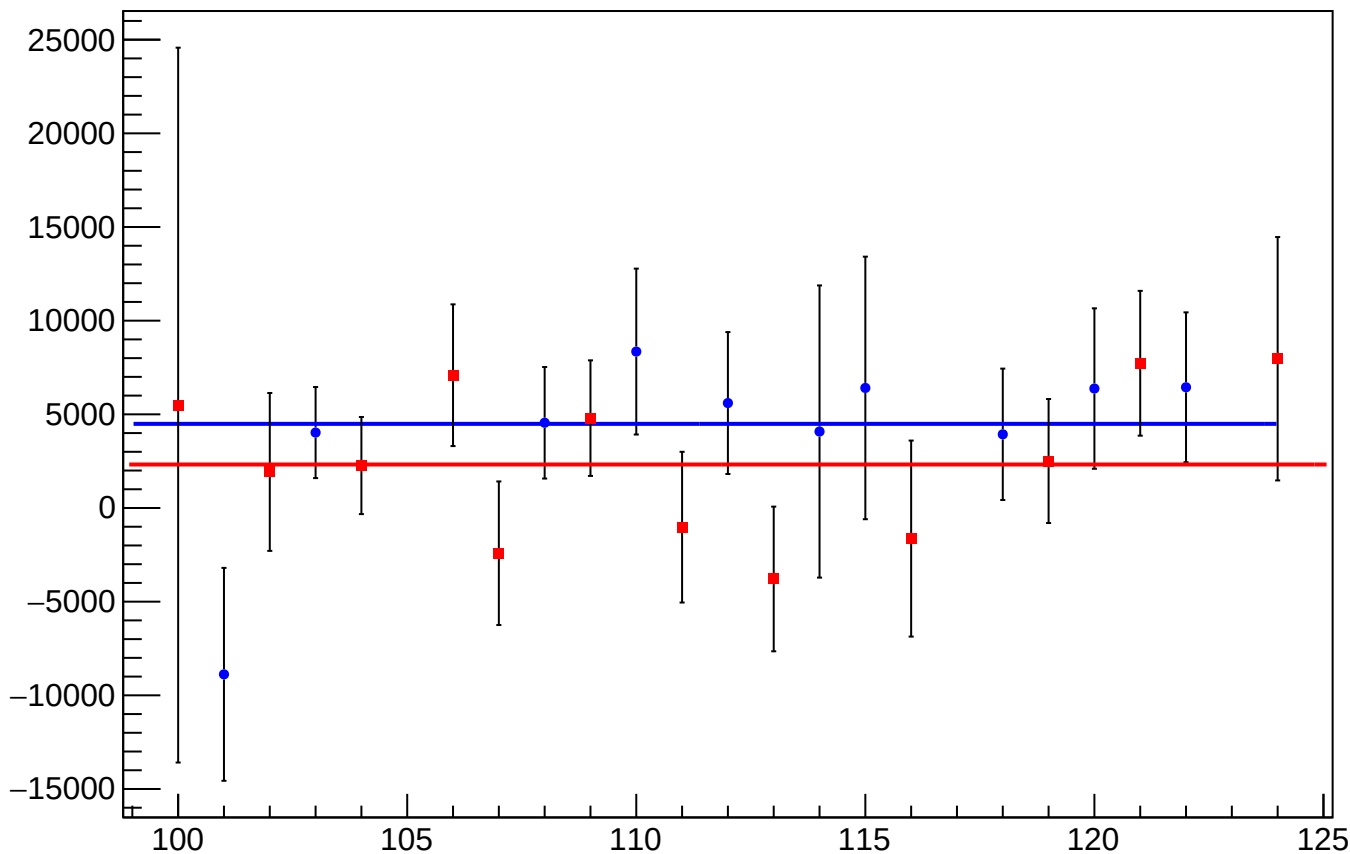
Right: 0.000+/-0.000 χ^2/NDF : 1381115.2/21

In: 0.000+/-0.000 χ^2/NDF : 533943.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1381115.2/21

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4491.519+/-1222.687 χ^2/NDF : 7.0/9

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

Right Out: 2322.289+/-1119.316 χ^2/NDF : 10.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

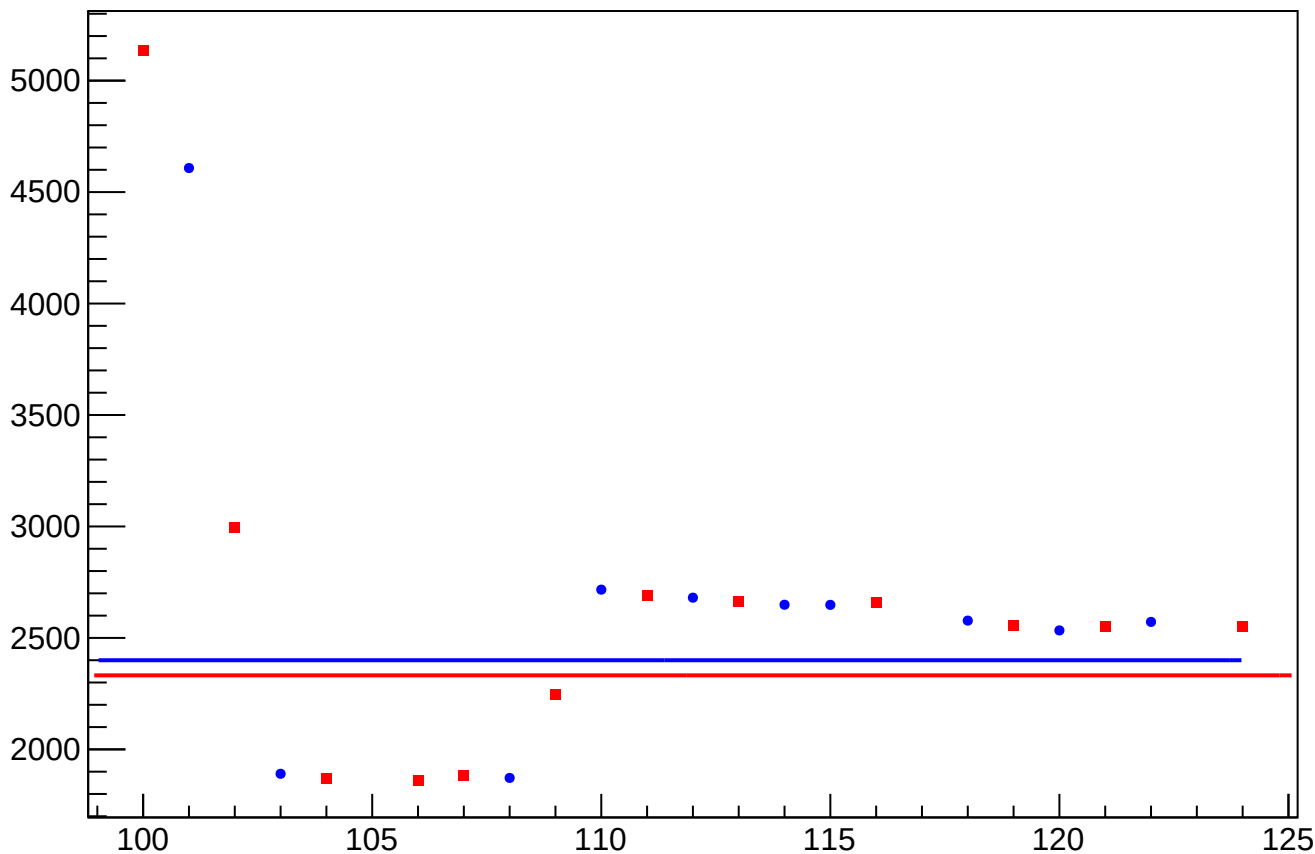
Right: 3311.345+/-825.606 χ^2/NDF : 18.9/21

In: 4491.519+/-1222.687 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3311.345+/-825.606 χ^2/NDF : 18.9/21

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2399.850+/-0.865 χ^2/NDF : 489198.9/9

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

Right Out: 2332.112+/-0.791 χ^2/NDF : 273628.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

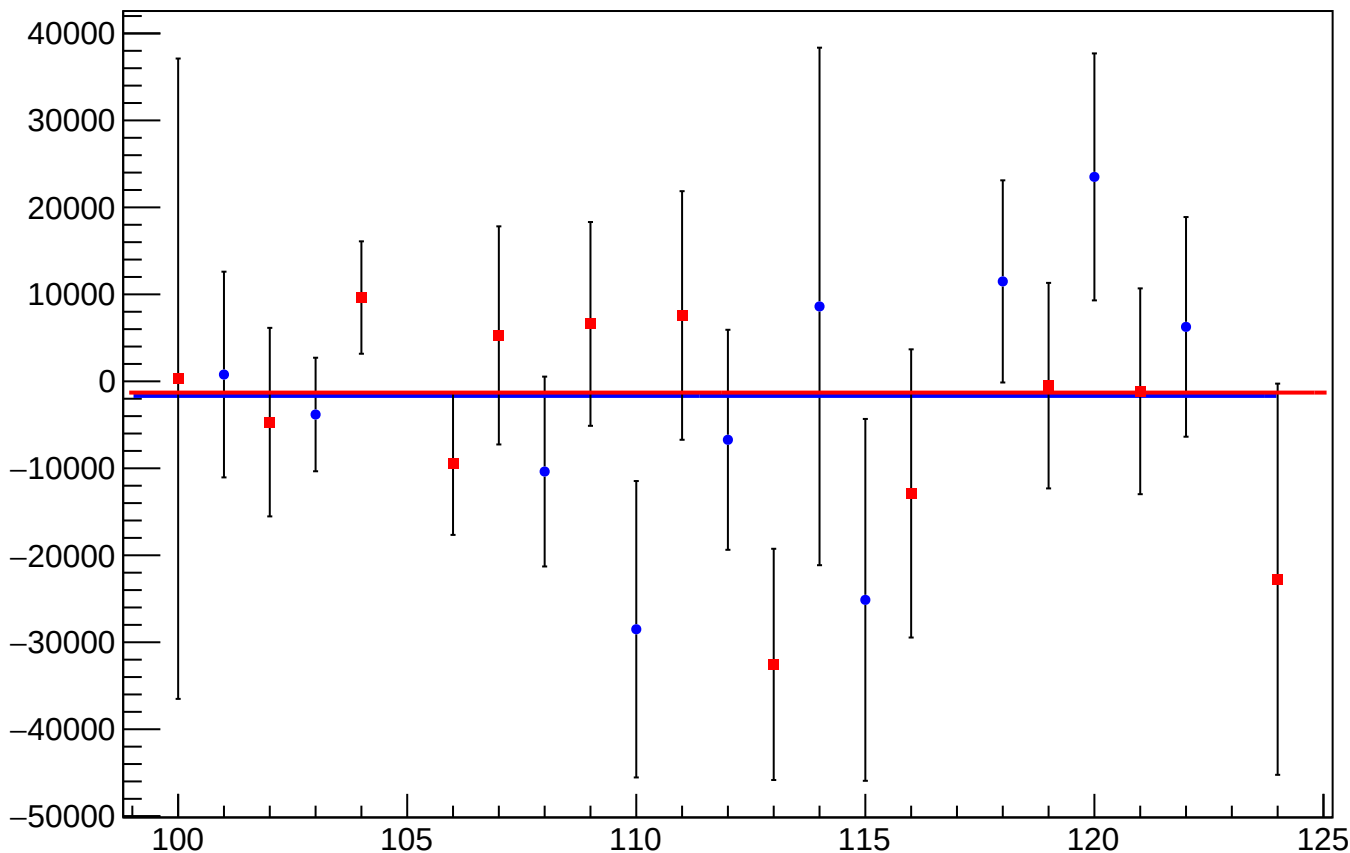
Right: 2362.997+/-0.584 χ^2/NDF : 766167.4/21

In: 2399.850+/-0.865 χ^2/NDF : 489198.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2362.997+/-0.584 χ^2/NDF : 766167.4/21

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1675.034+/-3758.609 χ^2/NDF : 9.6/9

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

Right Out: -1293.914+/-3292.636 χ^2/NDF : 12.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

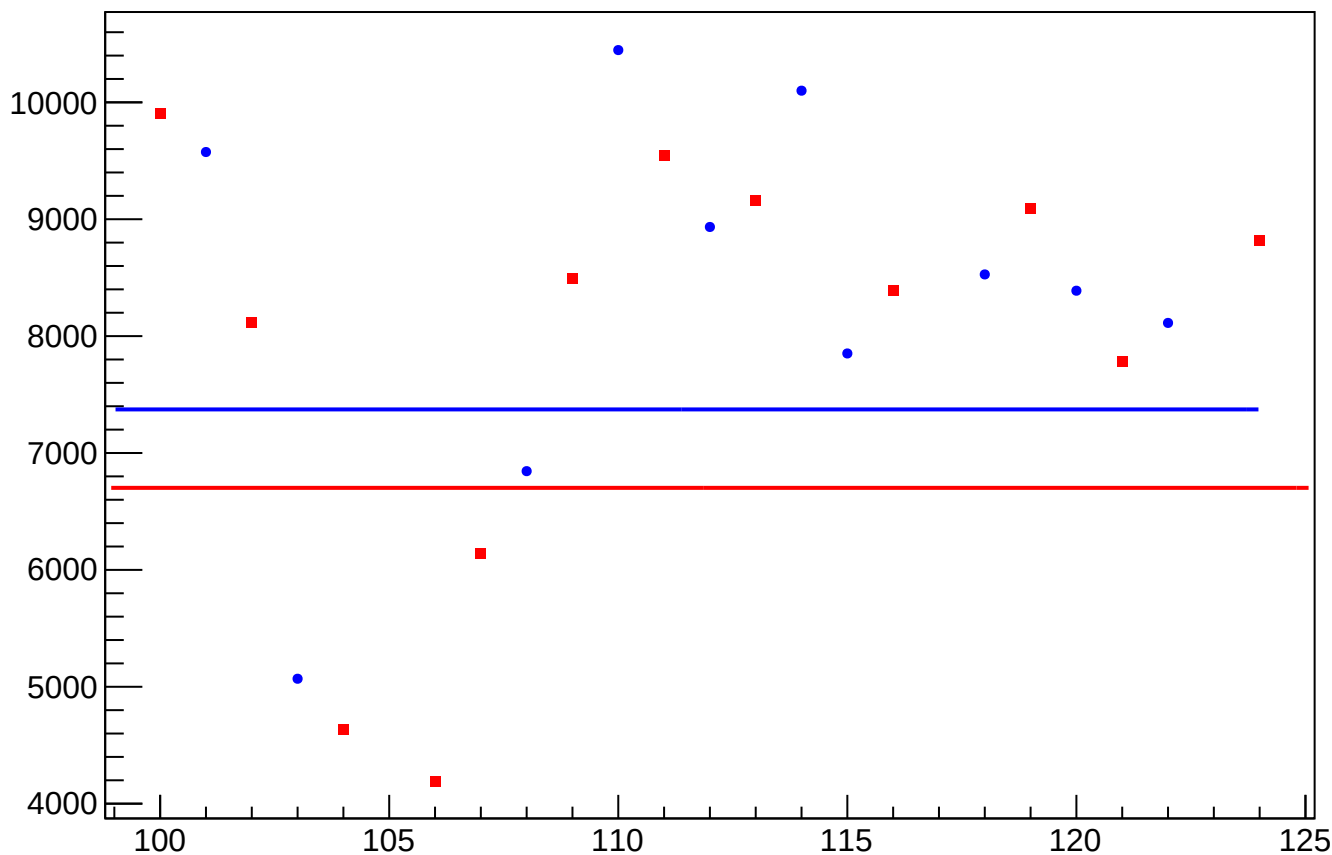
Right: -1459.397+/-2476.702 χ^2/NDF : 21.6/21

In: -1675.034+/-3758.609 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1459.397+/-2476.702 χ^2/NDF : 21.6/21

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7372.863+/-2.658 χ^2/NDF : 473493.0/9

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

Right Out: 6701.879+/-2.328 χ^2/NDF : 777494.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

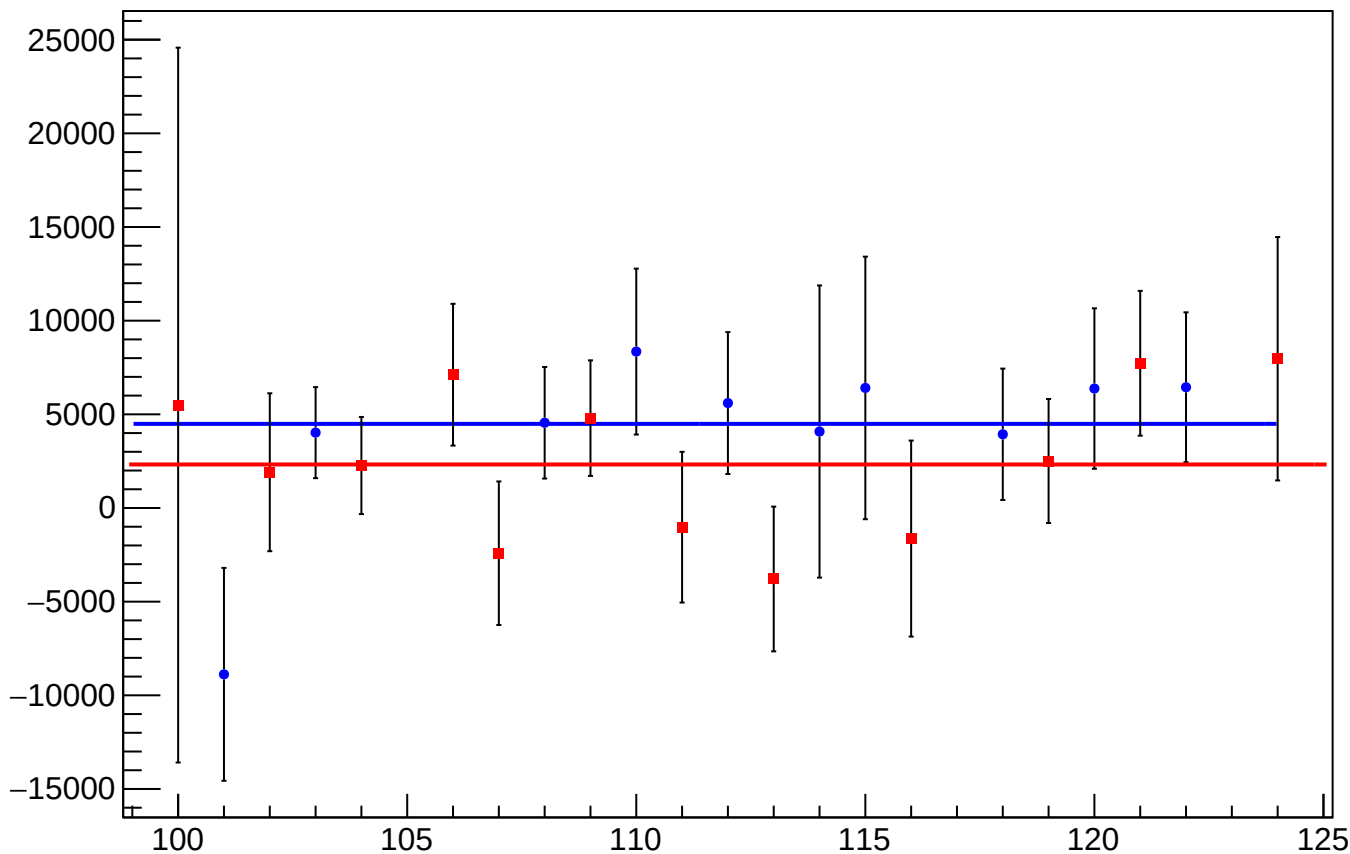
Right: 6993.223+/-1.751 χ^2/NDF : 1287050.5/21

In: 7372.863+/-2.658 χ^2/NDF : 473493.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6993.223+/-1.751 χ^2/NDF : 1287050.5/21

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4490.802 $\pm$ 1222.688 χ^2 /NDF: 7.0/9

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

Right Out: 2323.387 $\pm$ 1119.329 χ^2 /NDF: 10.3/11

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

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

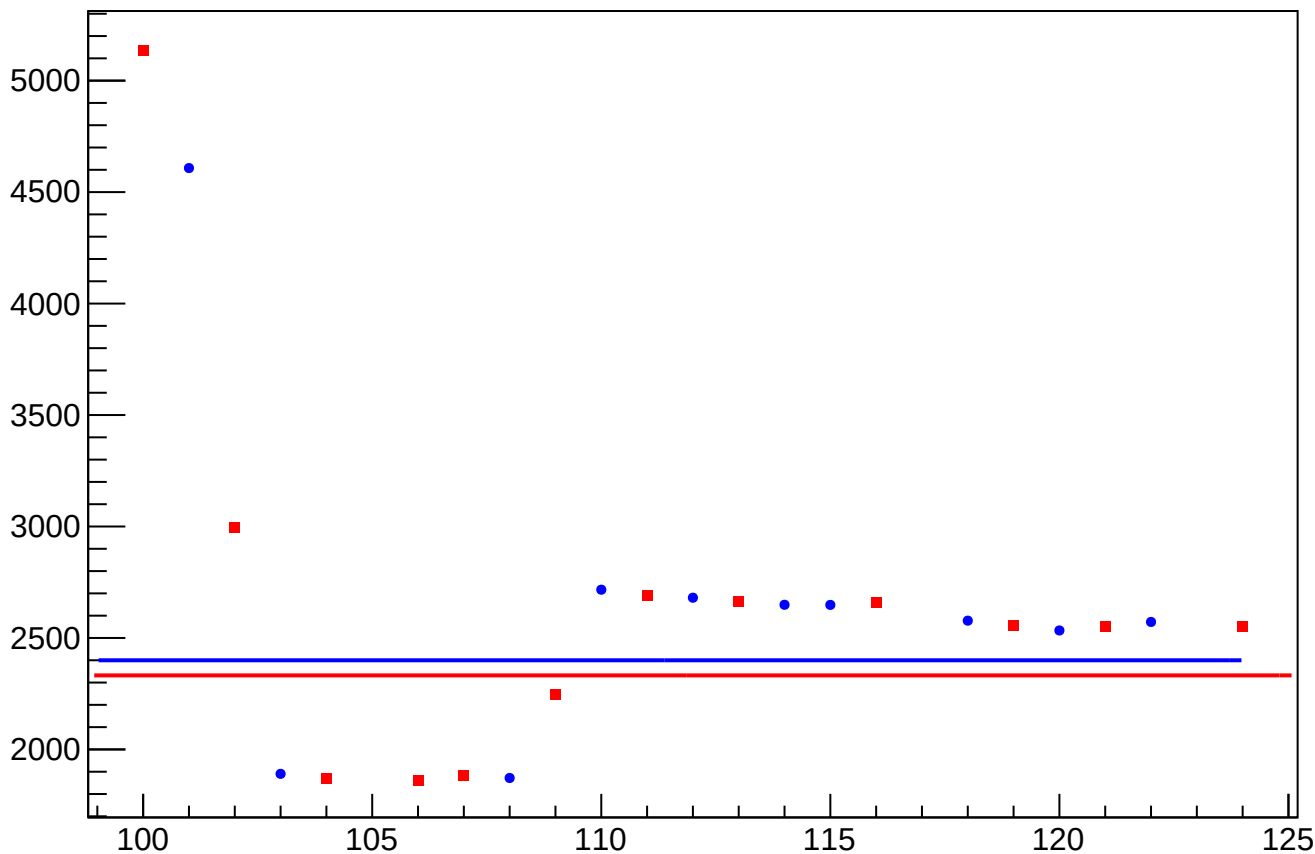
Right: 3311.627 $\pm$ 825.612 χ^2 /NDF: 19.0/21

In: 4490.802 $\pm$ 1222.688 χ^2 /NDF:7.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3311.627 $\pm$ 825.612 χ^2 /NDF: 19.0/21

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2399.851+/-0.865 χ^2/NDF : 489197.2/9

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

Right Out: 2332.145+/-0.791 χ^2/NDF : 273587.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

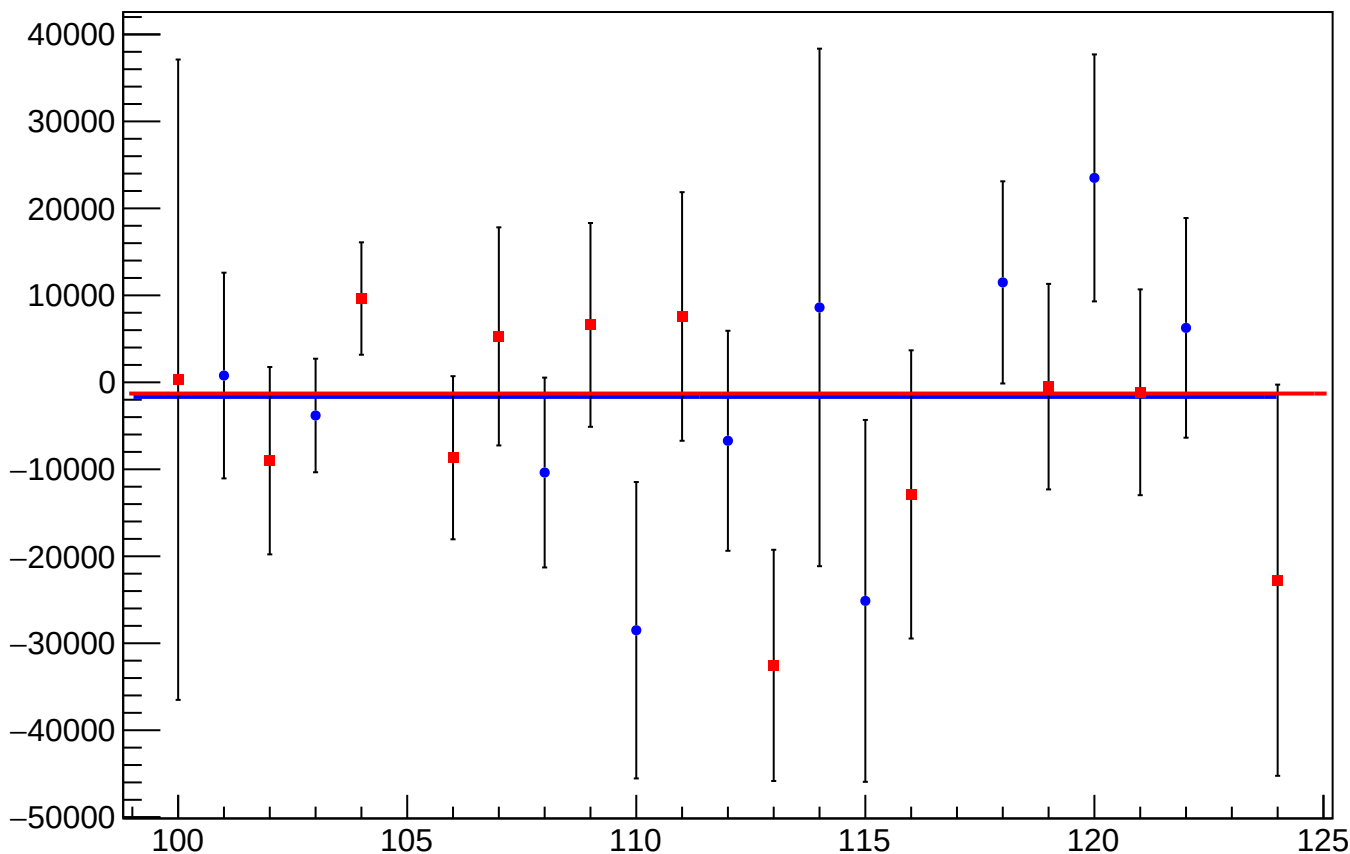
Right: 2363.016+/-0.584 χ^2/NDF : 766121.0/21

In: 2399.851+/-0.865 χ^2/NDF : 489197.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2363.016+/-0.584 χ^2/NDF : 766121.0/21

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1674.540+/-3758.772 χ^2/NDF : 9.6/9

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

Right Out: -1289.561+/-3355.706 χ^2/NDF : 12.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

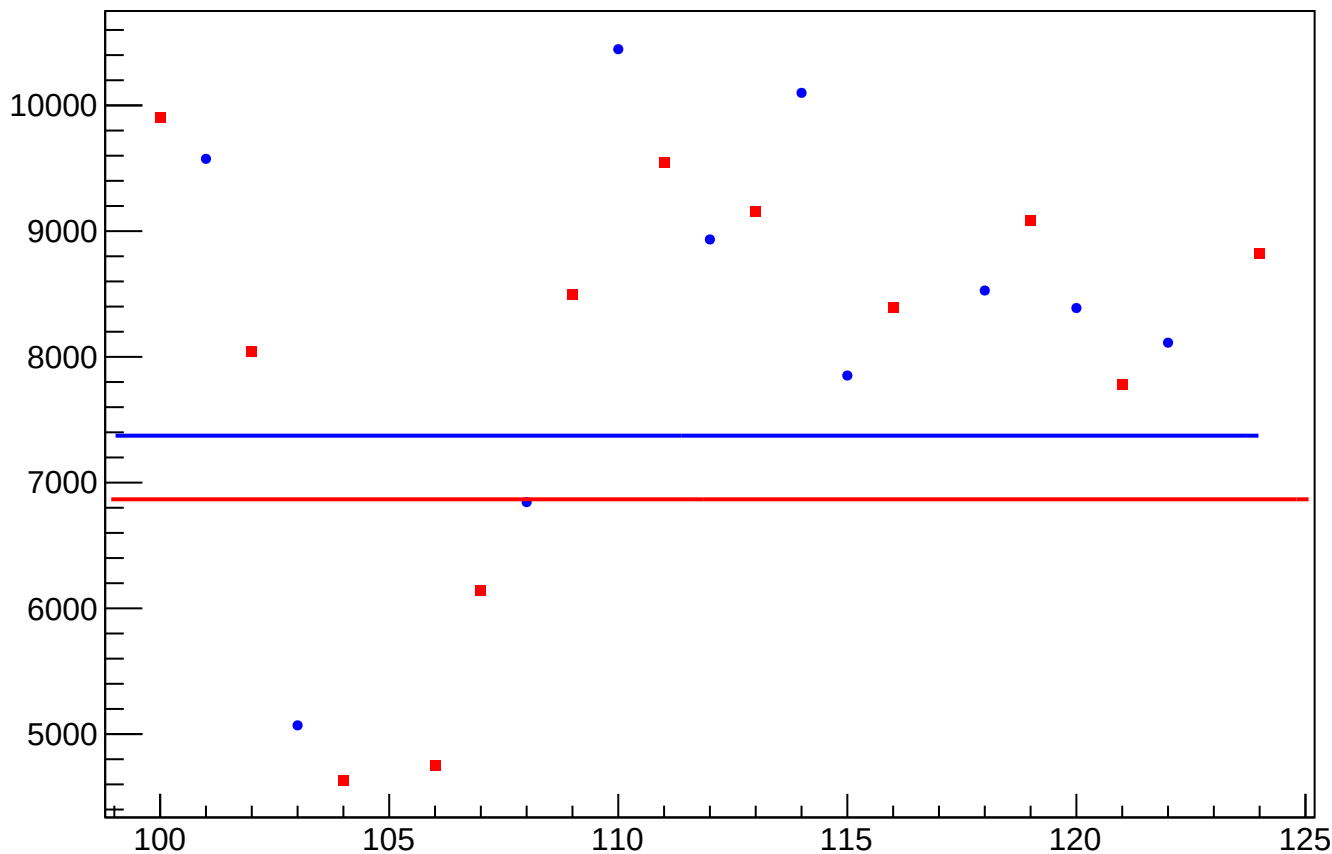
Right: -1460.309+/-2503.260 χ^2/NDF : 21.7/21

In: -1674.540+/-3758.772 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1460.309+/-2503.260 χ^2/NDF : 21.7/21

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7373.299+/-2.658 χ^2/NDF : 473271.0/9

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

Right Out: 6867.313+/-2.373 χ^2/NDF : 668662.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

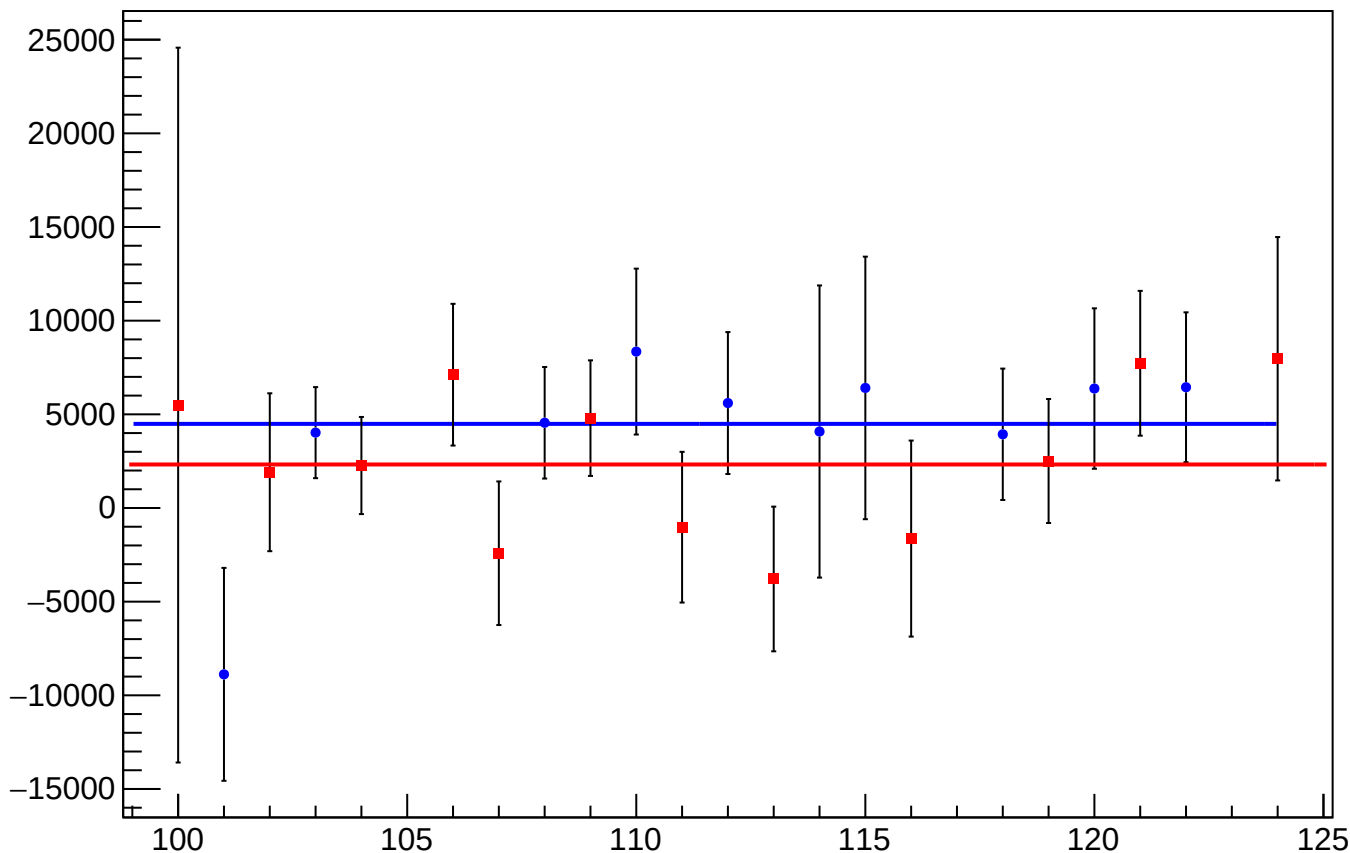
Right: 7091.731+/-1.770 χ^2/NDF : 1162101.1/21

In: 7373.299+/-2.658 χ^2/NDF : 473271.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7091.731+/-1.770 χ^2/NDF : 1162101.1/21

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4490.802+/-1222.688 χ^2/NDF : 7.0/9

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

Right Out: 2323.387+/-1119.329 χ^2/NDF : 10.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

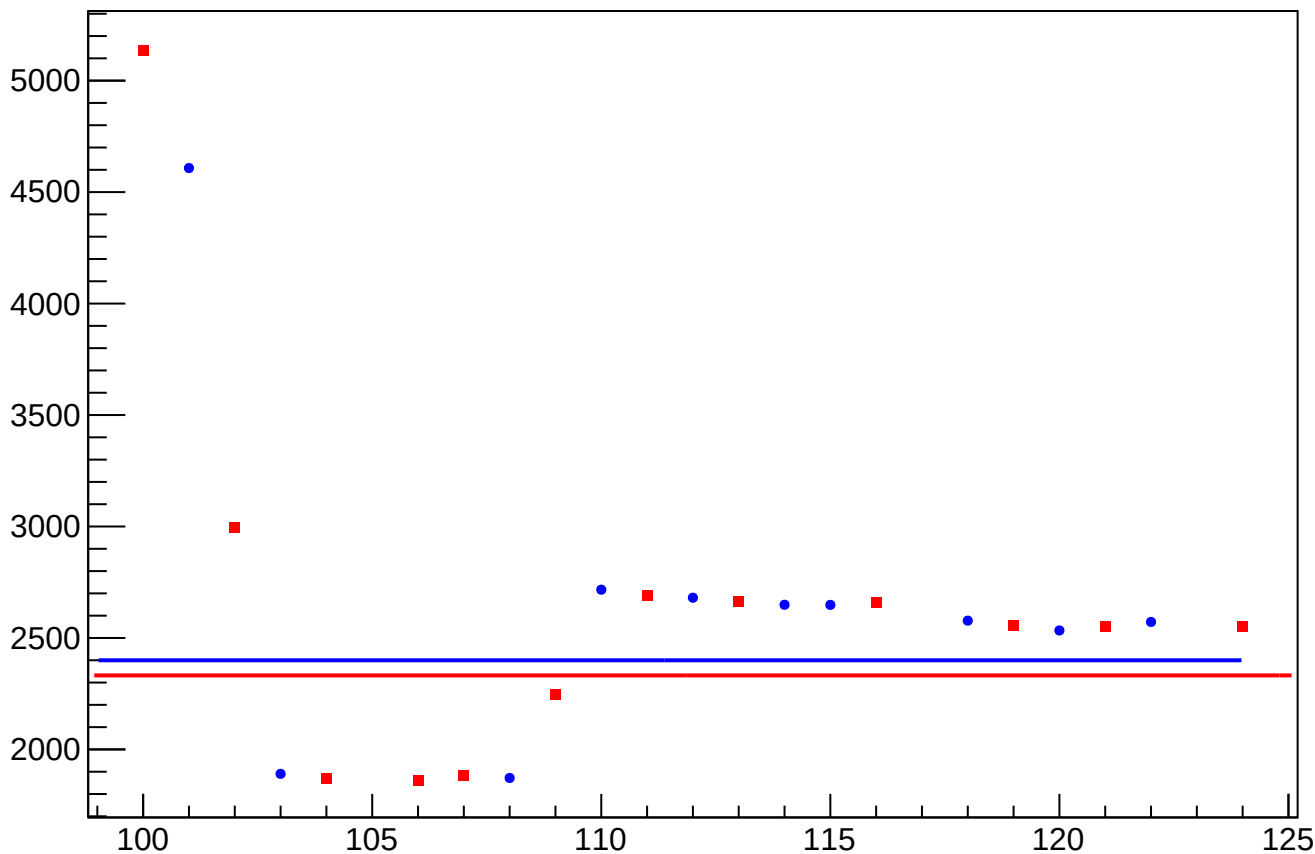
Right: 3311.627+/-825.612 χ^2/NDF : 19.0/21

In: 4490.802+/-1222.688 χ^2/NDF :7.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3311.627+/-825.612 χ^2/NDF : 19.0/21

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2399.851+/-0.865 χ^2/NDF : 489197.2/9

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

Right Out: 2332.145+/-0.791 χ^2/NDF : 273587.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

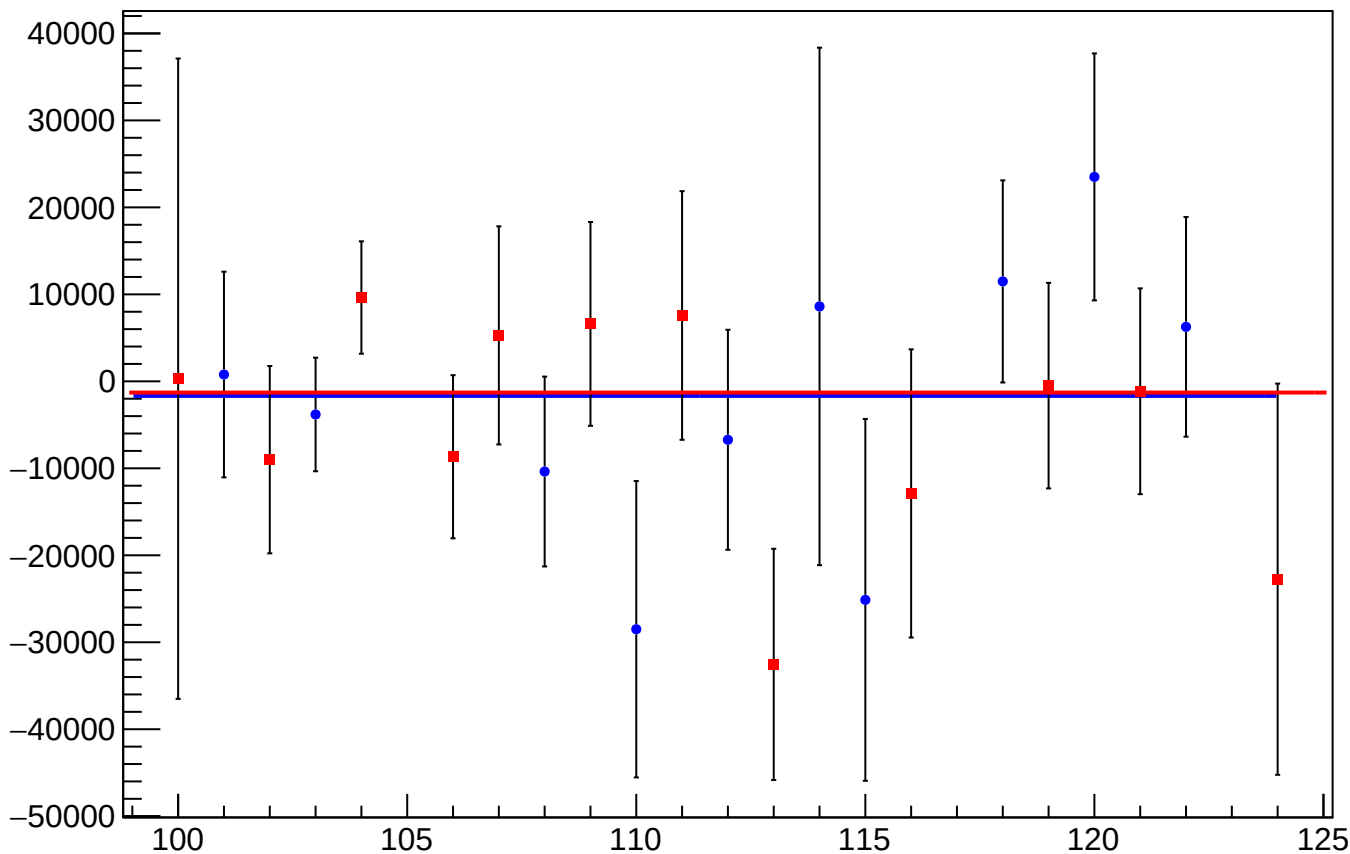
Right: 2363.016+/-0.584 χ^2/NDF : 766121.0/21

In: 2399.851+/-0.865 χ^2/NDF : 489197.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2363.016+/-0.584 χ^2/NDF : 766121.0/21

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1674.540+/-3758.772 χ^2/NDF : 9.6/9

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

Right Out: -1289.561+/-3355.706 χ^2/NDF : 12.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

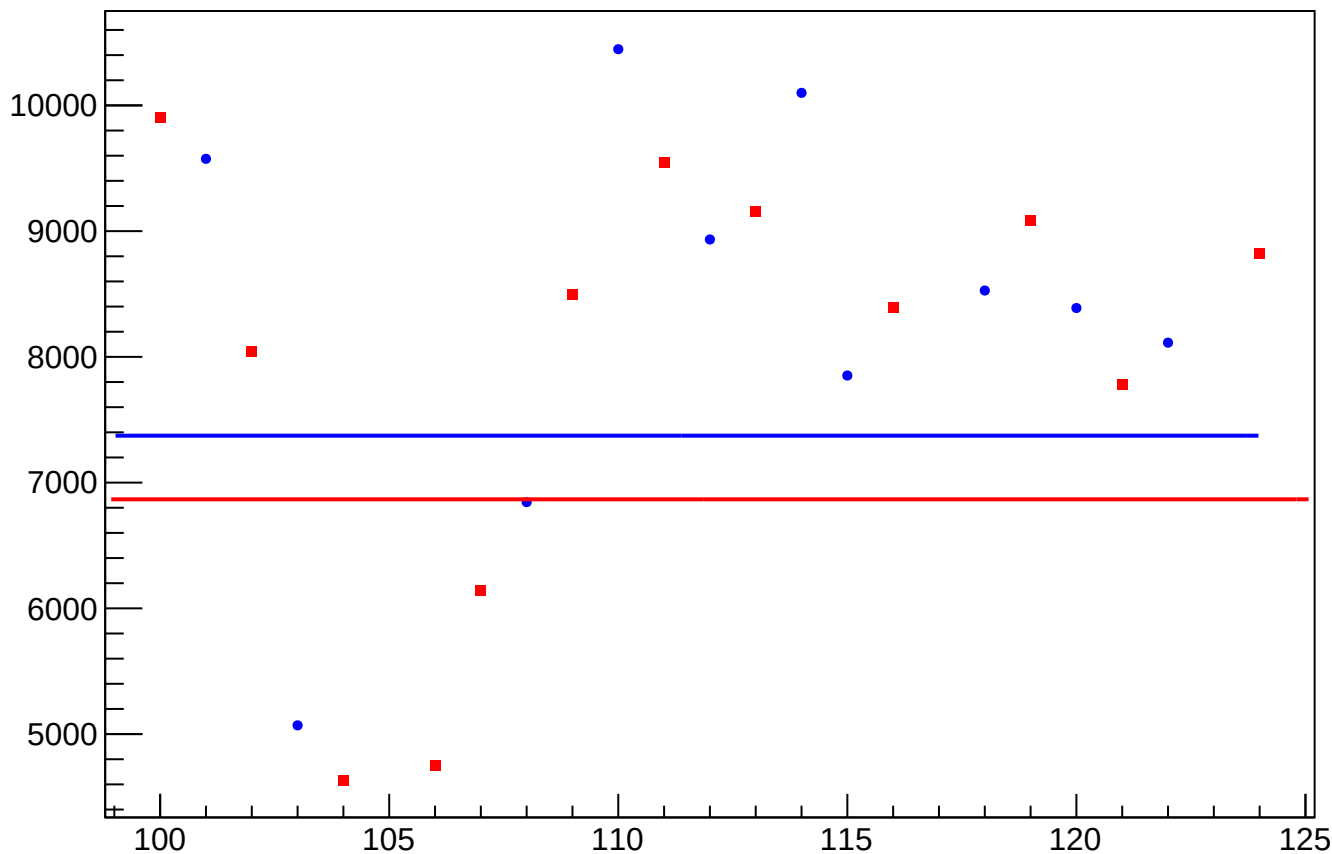
Right: -1460.309+/-2503.260 χ^2/NDF : 21.7/21

In: -1674.540+/-3758.772 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1460.309+/-2503.260 χ^2/NDF : 21.7/21

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7373.299+/-2.658 χ^2/NDF : 473271.0/9

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

Right Out: 6867.313+/-2.373 χ^2/NDF : 668662.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

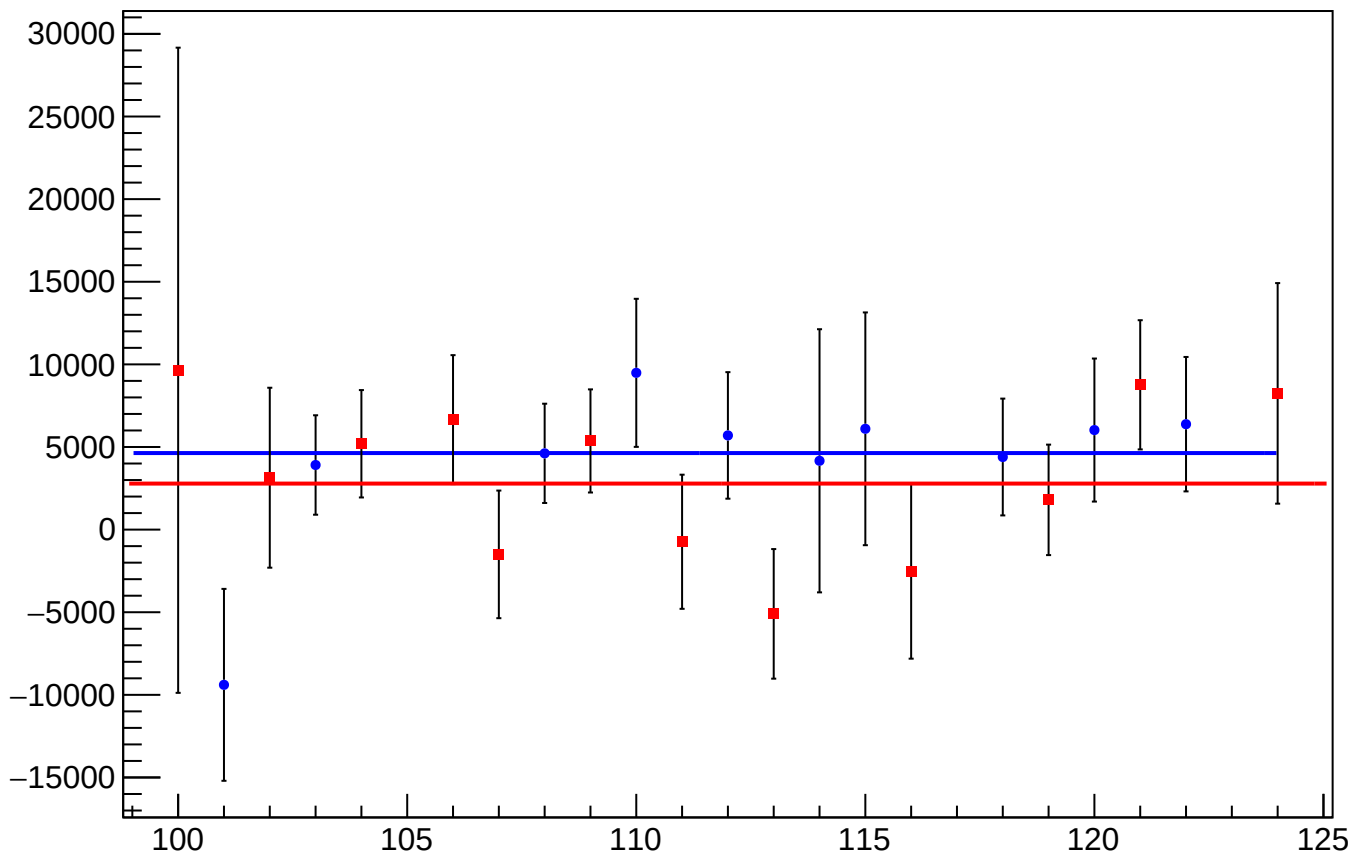
Right: 7091.731+/-1.770 χ^2/NDF : 1162101.1/21

In: 7373.299+/-2.658 χ^2/NDF : 473271.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7091.731+/-1.770 χ^2/NDF : 1162101.1/21

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4632.824+/-1292.385 χ^2/NDF : 7.5/9

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

Right Out: 2785.539+/-1190.749 χ^2/NDF : 12.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

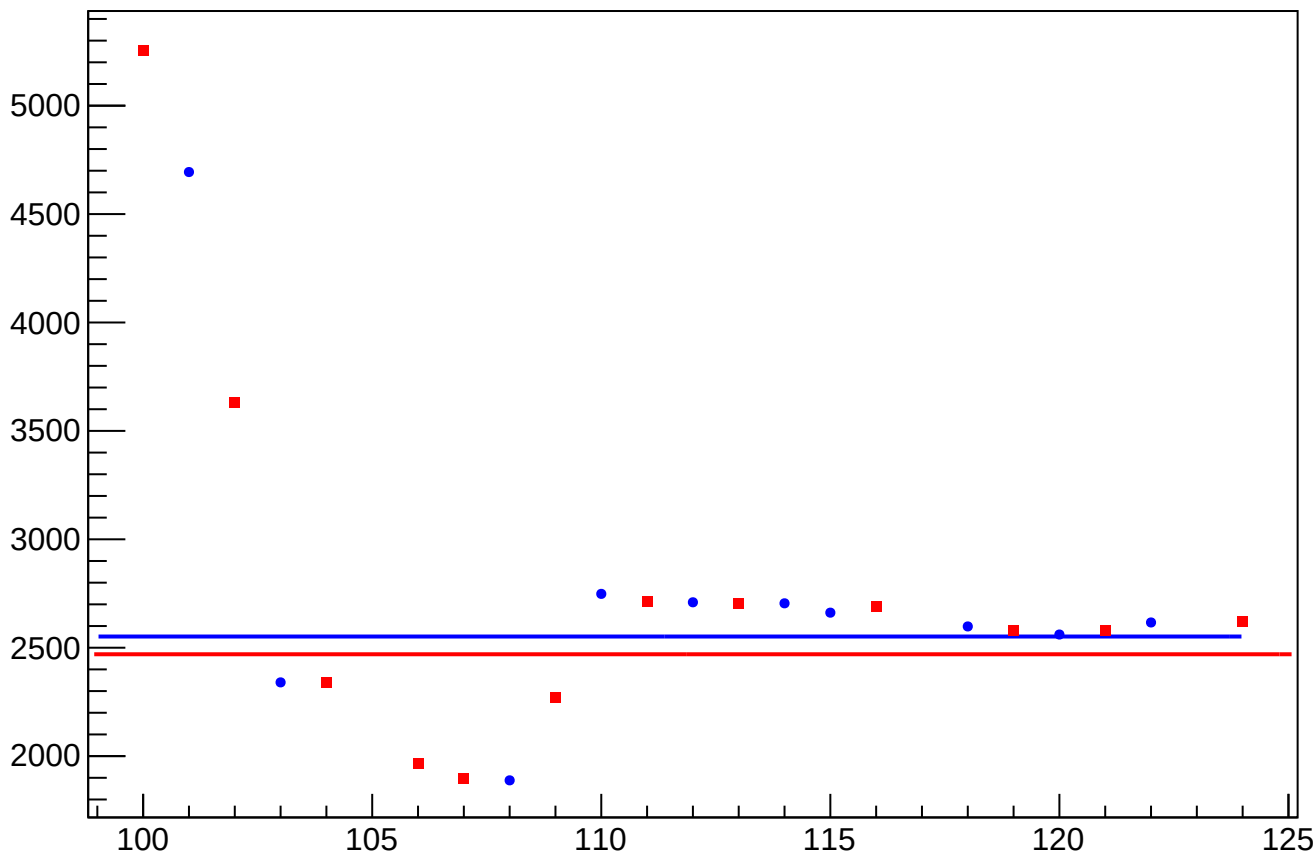
Right: 3633.698+/-875.716 χ^2/NDF : 21.1/21

In: 4632.824+/-1292.385 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3633.698+/-875.716 χ^2/NDF : 21.1/21

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2551.643+/-0.914 χ^2/NDF : 388932.6/9

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

Right Out: 2469.814+/-0.841 χ^2/NDF : 243552.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

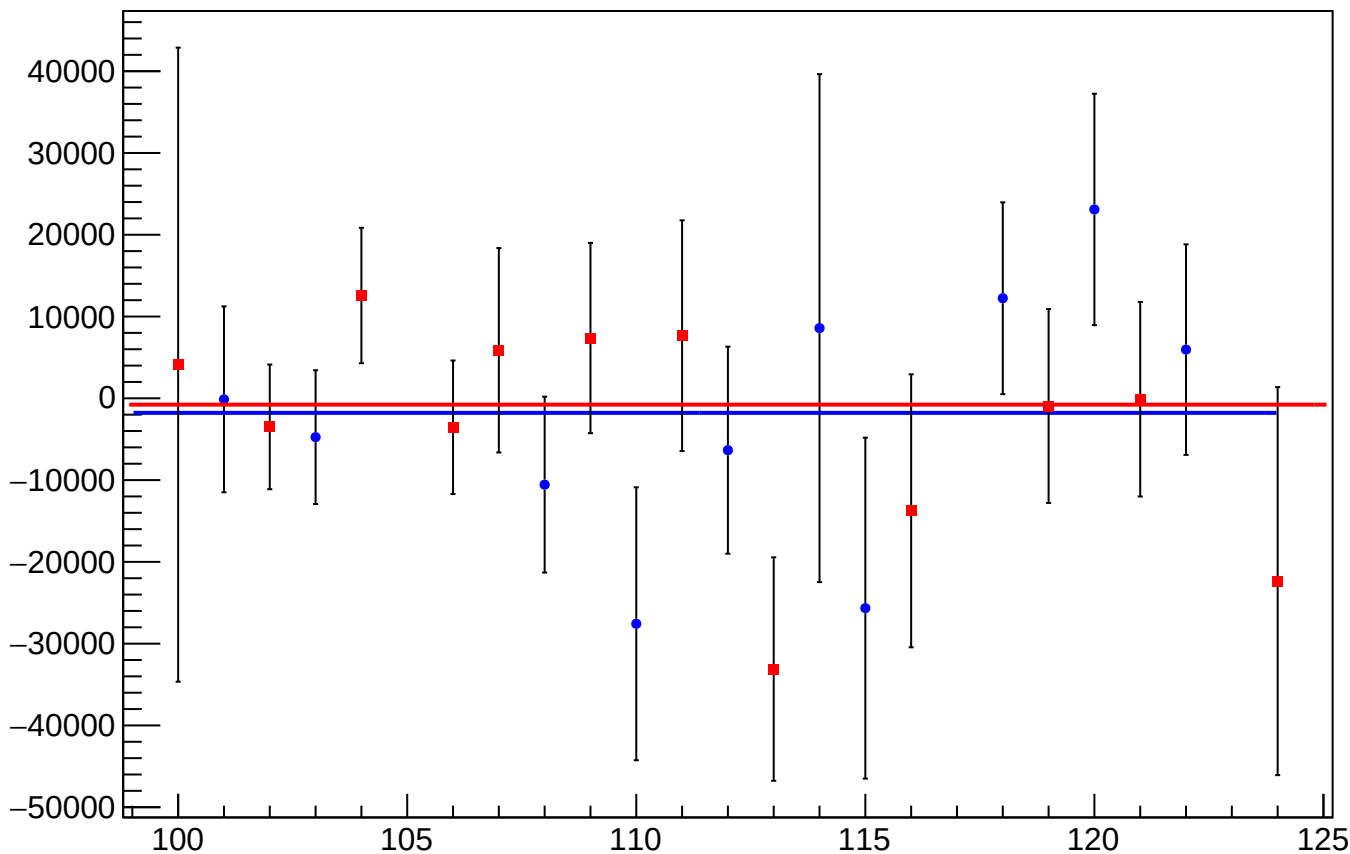
Right: 2507.349+/-0.619 χ^2/NDF : 636825.1/21

In: 2551.643+/-0.914 χ^2/NDF : 388932.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2507.349+/-0.619 χ^2/NDF : 636825.1/21

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1778.339+/-3990.525 χ^2/NDF : 9.6/9

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

Right Out: -774.562+/-3311.670 χ^2/NDF : 11.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

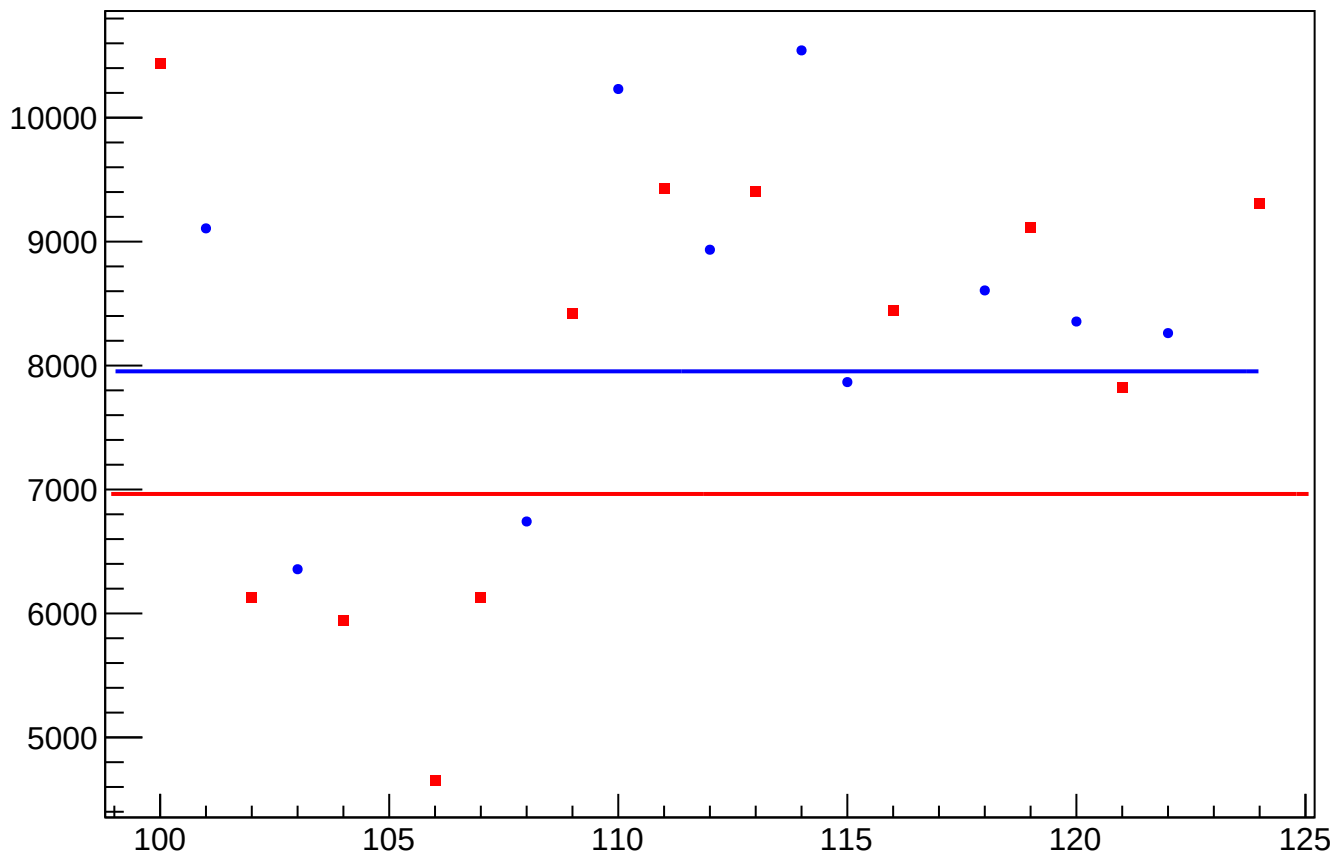
Right: -1183.933+/-2548.414 χ^2/NDF : 20.7/21

In: -1778.339+/-3990.525 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1183.933+/-2548.414 χ^2/NDF : 20.7/21

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7953.463+/-2.822 χ^2/NDF : 194340.2/9

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

Right Out: 6964.060+/-2.342 χ^2/NDF : 507189.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

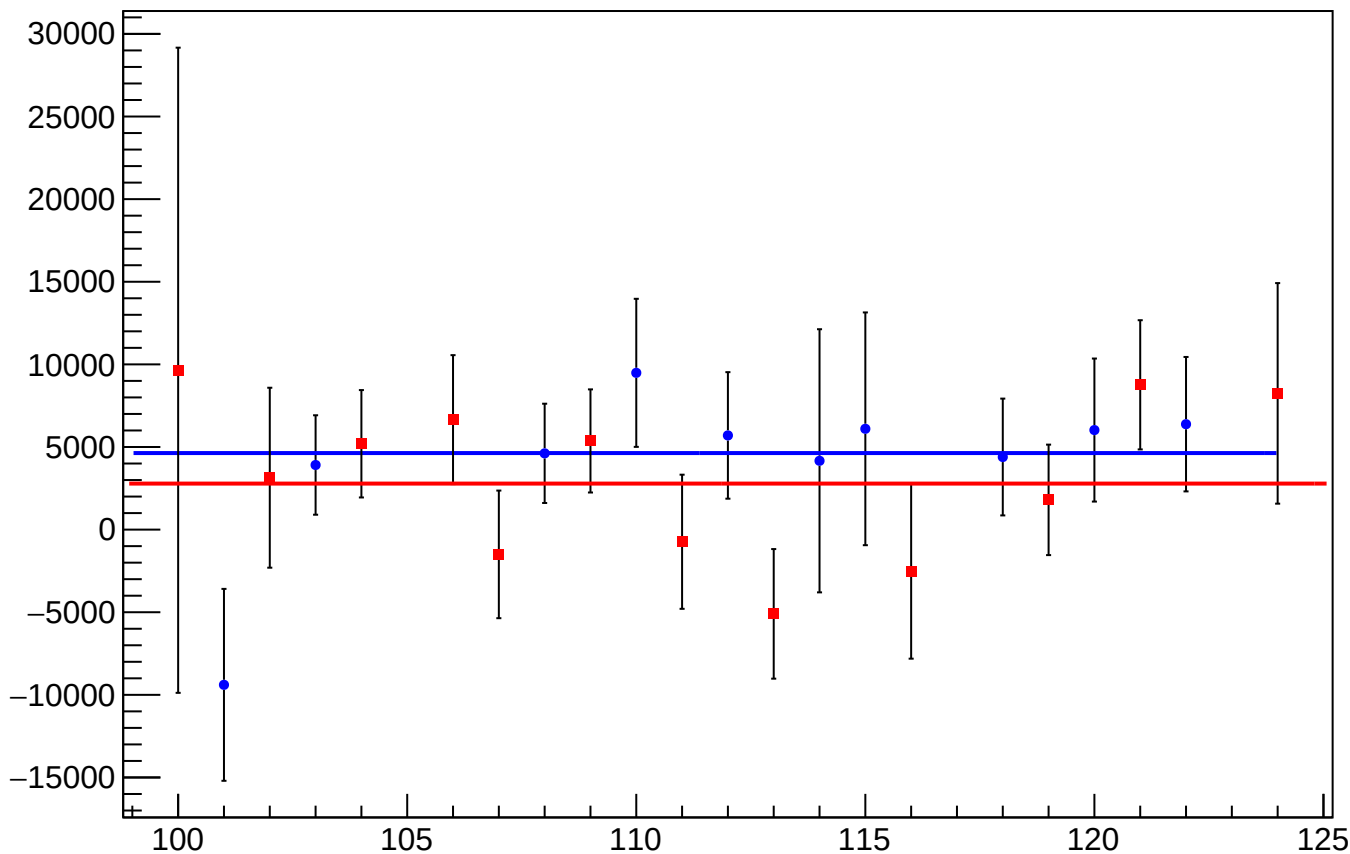
Right: 7367.569+/-1.802 χ^2/NDF : 774334.7/21

In: 7953.463+/-2.822 χ^2/NDF : 194340.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7367.569+/-1.802 χ^2/NDF : 774334.7/21

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4632.811+/-1292.384 χ^2/NDF : 7.5/9

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

Right Out: 2785.548+/-1190.749 χ^2/NDF : 12.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

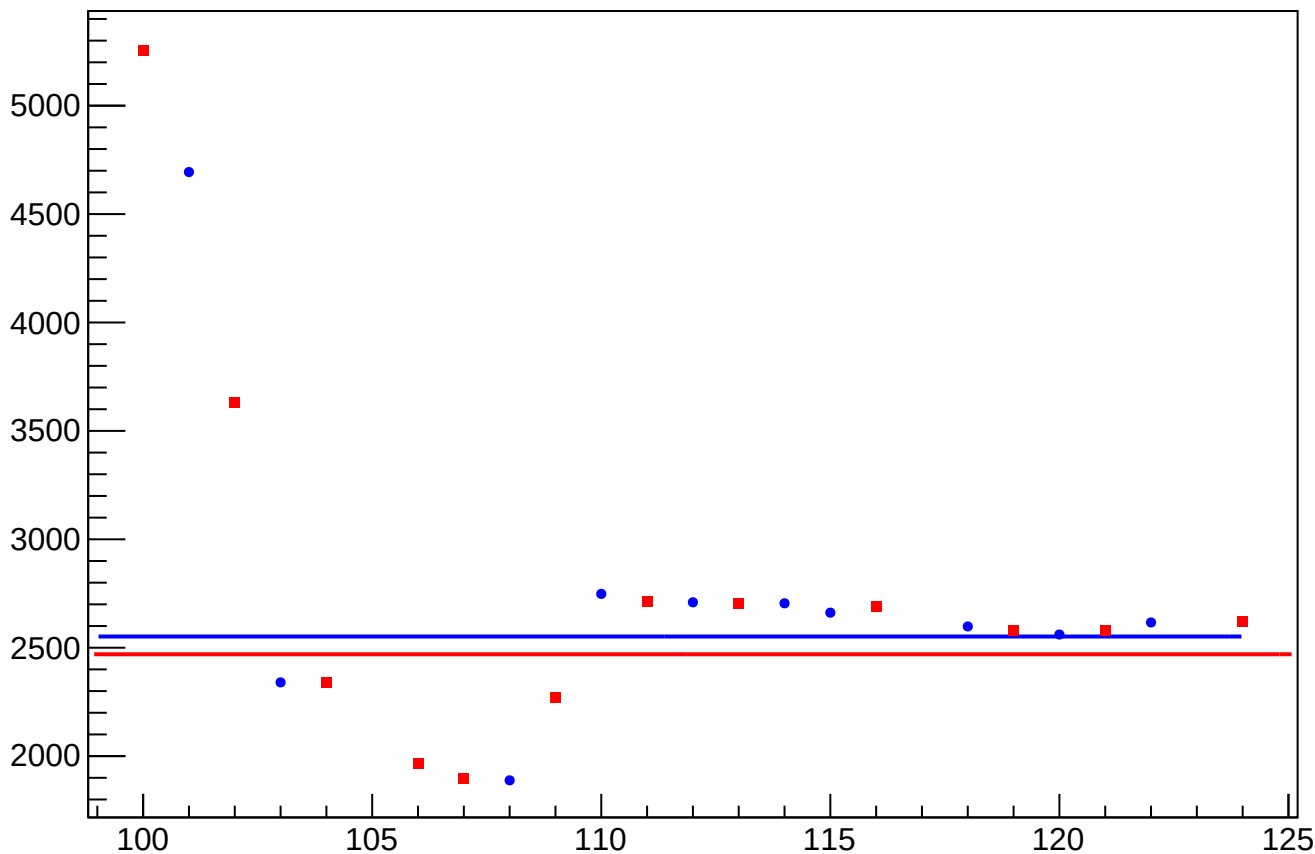
Right: 3633.697+/-875.716 χ^2/NDF : 21.1/21

In: 4632.811+/-1292.384 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3633.697+/-875.716 χ^2/NDF : 21.1/21

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2551.642+/-0.914 χ^2/NDF : 388932.8/9

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

Right Out: 2469.814+/-0.841 χ^2/NDF : 243551.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

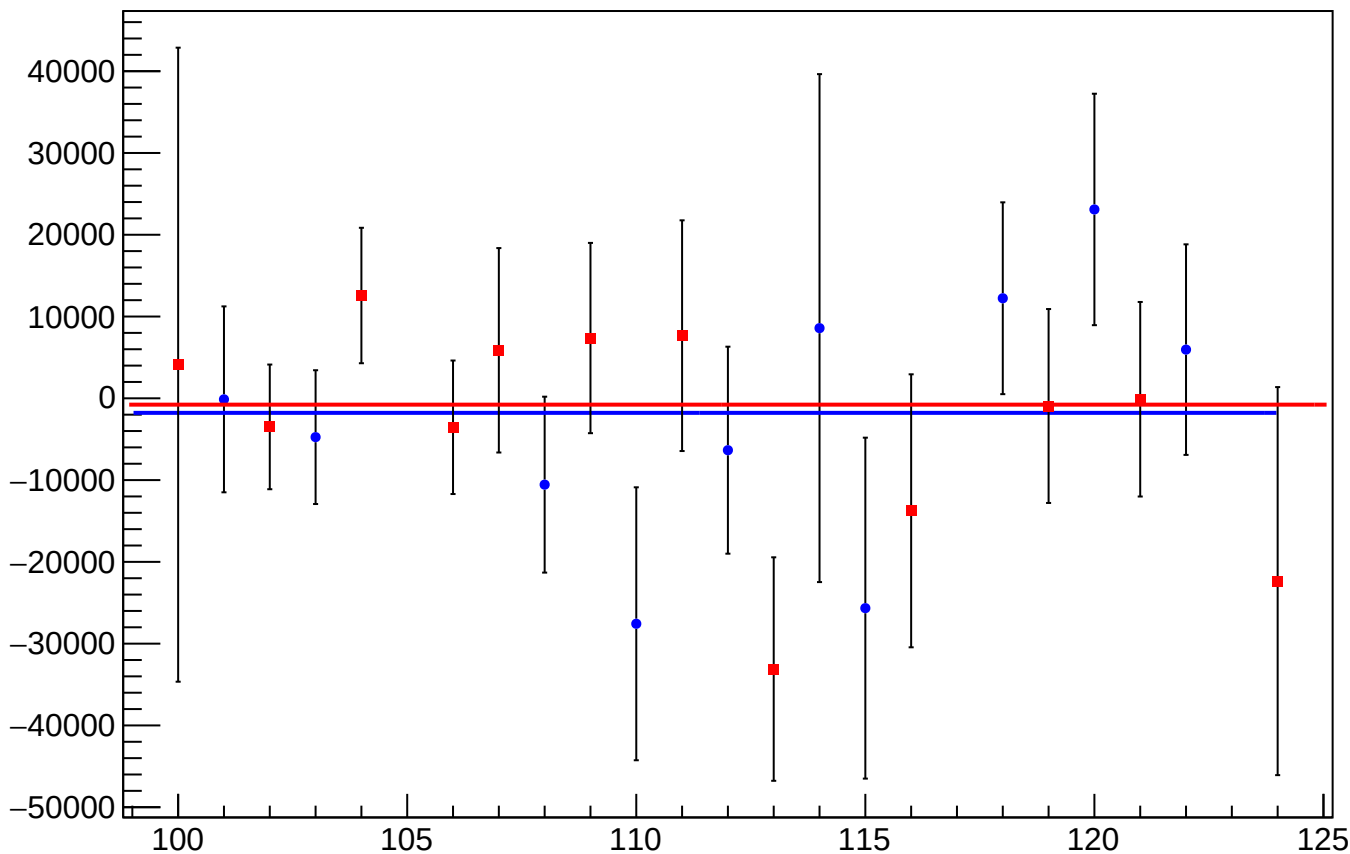
Right: 2507.348+/-0.619 χ^2/NDF : 636824.7/21

In: 2551.642+/-0.914 χ^2/NDF : 388932.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2507.348+/-0.619 χ^2/NDF : 636824.7/21

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1778.321+/-3990.517 χ^2/NDF : 9.6/9

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

Right Out: -774.556+/-3311.664 χ^2/NDF : 11.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

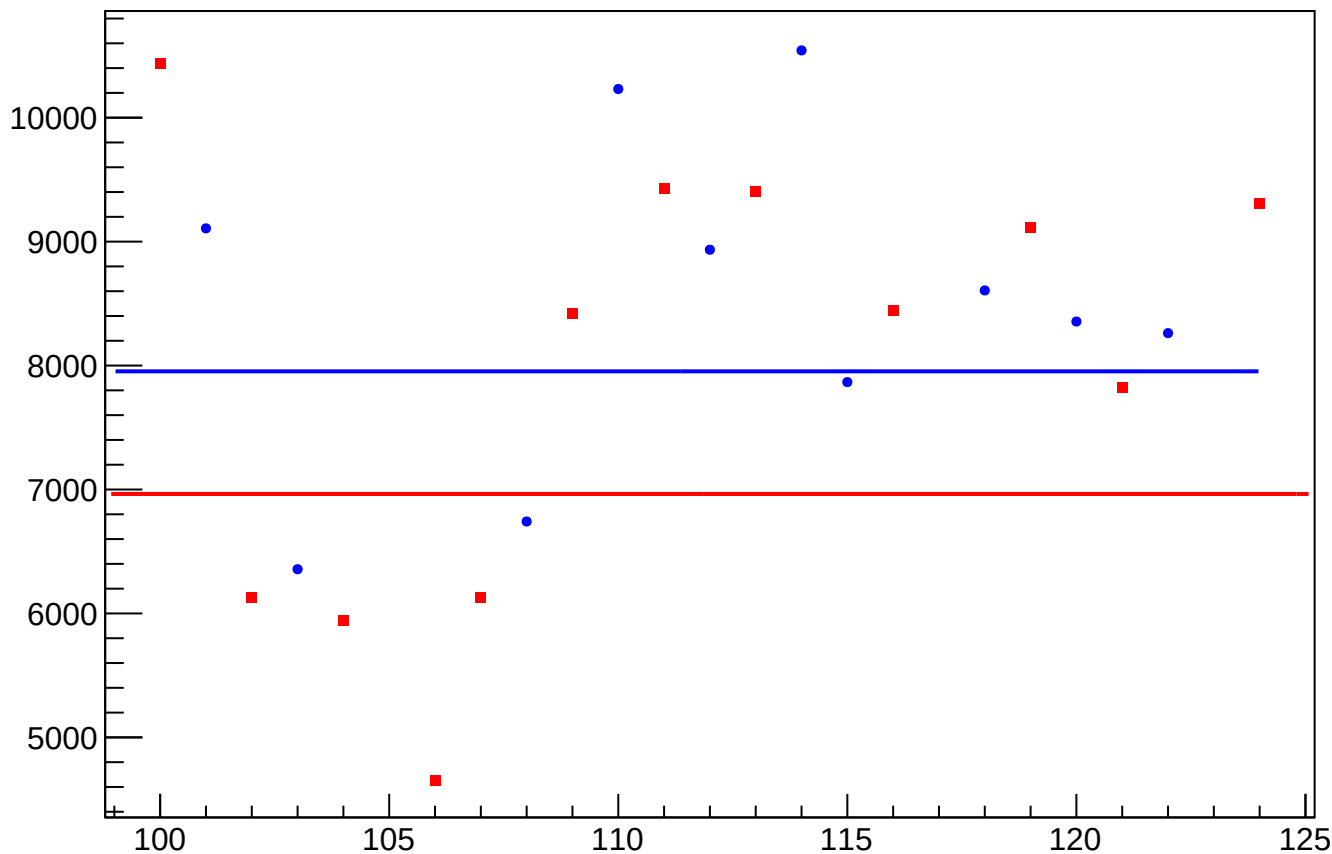
Right: -1183.923+/-2548.409 χ^2/NDF : 20.7/21

In: -1778.321+/-3990.517 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1183.923+/-2548.409 χ^2/NDF : 20.7/21

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7953.449+/-2.822 χ^2/NDF : 194337.2/9

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

Right Out: 6964.048+/-2.342 χ^2/NDF : 507187.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

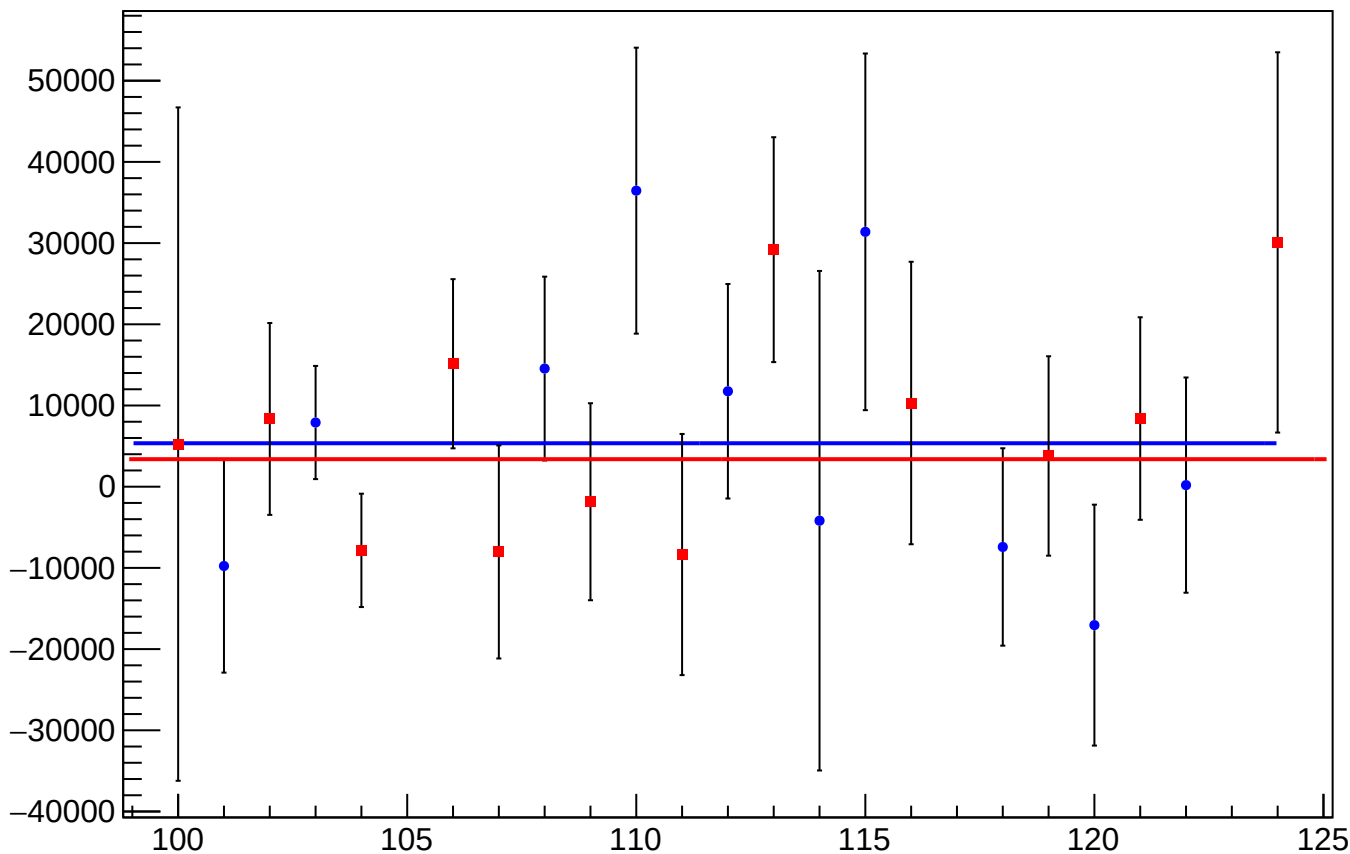
Right: 7367.556+/-1.802 χ^2/NDF : 774330.3/21

In: 7953.449+/-2.822 χ^2/NDF : 194337.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7367.556+/-1.802 χ^2/NDF : 774330.3/21

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5351.208+/-3975.192 χ^2/NDF : 10.5/9

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

Right Out: 3388.839+/-3579.732 χ^2/NDF : 10.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

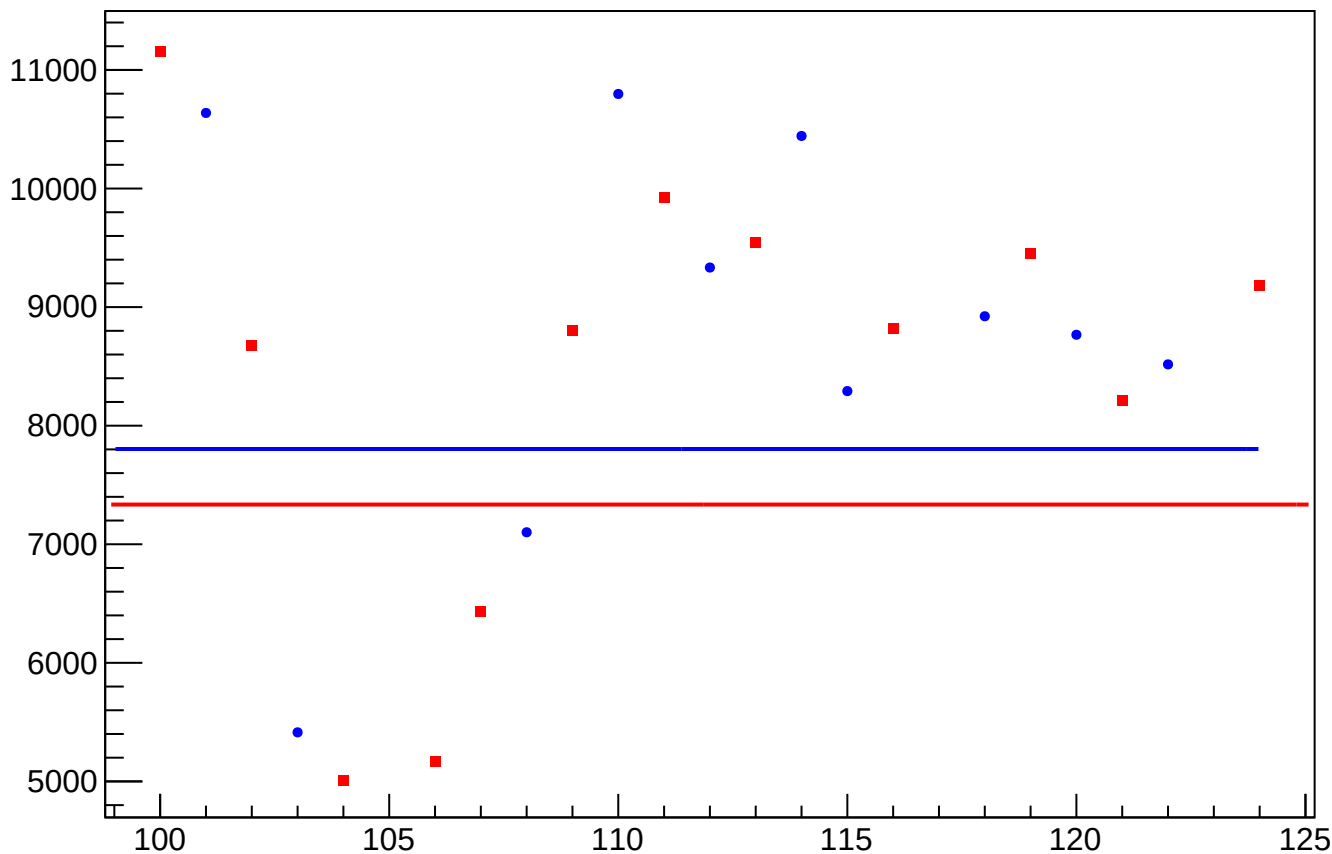
Right: 4267.585+/-2660.109 χ^2/NDF : 21.3/21

In: 5351.208+/-3975.192 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4267.585+/-2660.109 χ^2/NDF : 21.3/21

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7803.310+/-2.811 χ^2/NDF : 467567.1/9

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

Right Out: 7334.847+/-2.531 χ^2/NDF : 597456.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

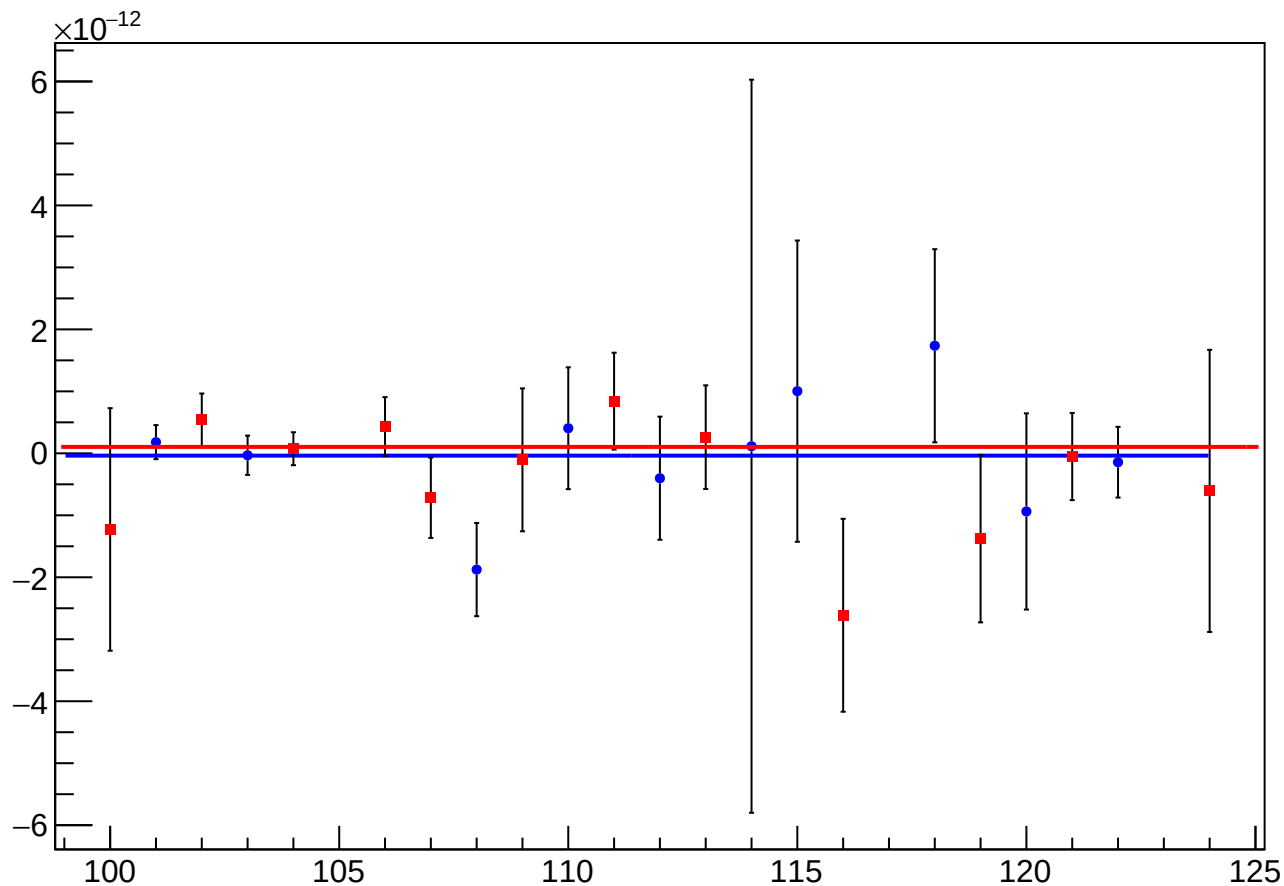
Right: 7544.618+/-1.881 χ^2/NDF : 1080361.5/21

In: 7803.310+/-2.811 χ^2/NDF : 467567.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7544.618+/-1.881 χ^2/NDF : 1080361.5/21

asym_atr2_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 : 8.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

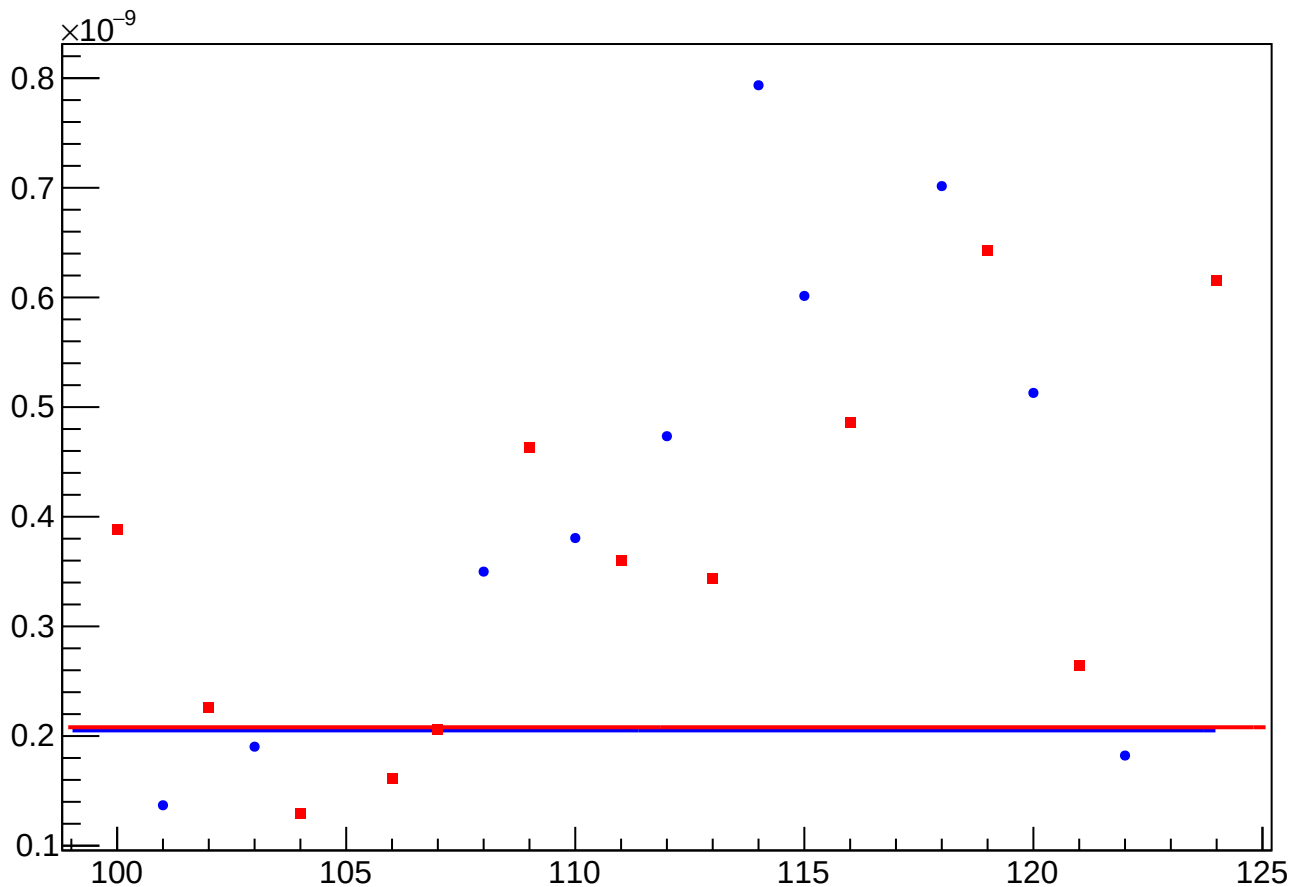
Right: 0.000+/-0.000 χ^2/NDF : 18.0/21

In: -0.000+/-0.000 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.0/21

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 766199.9/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 789821.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

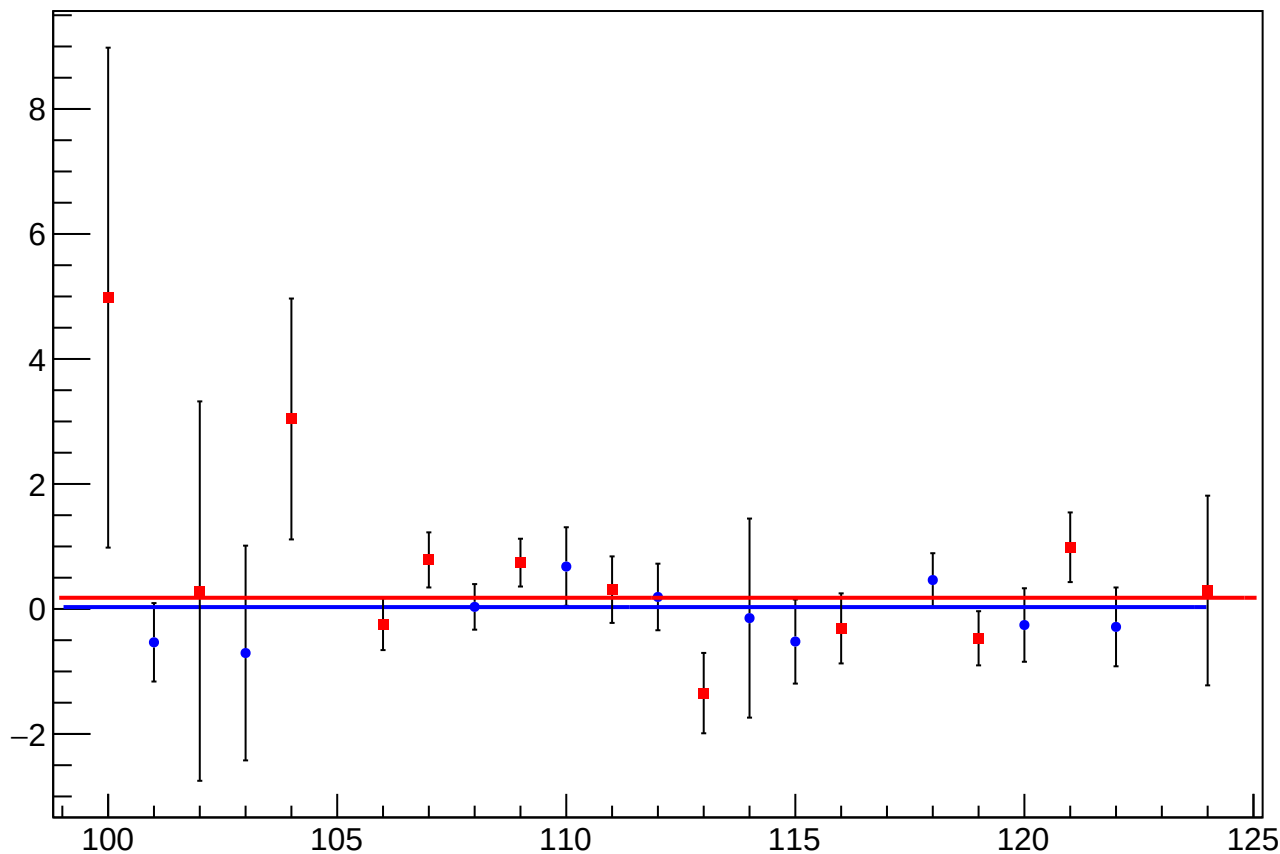
Right: 0.000+/-0.000 χ^2/NDF : 1556287.3/21

In: 0.000+/-0.000 χ^2/NDF : 766199.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1556287.3/21

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.183 χ^2/NDF : 4.3/9

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

Right Out: 0.179+/-0.166 χ^2/NDF : 19.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

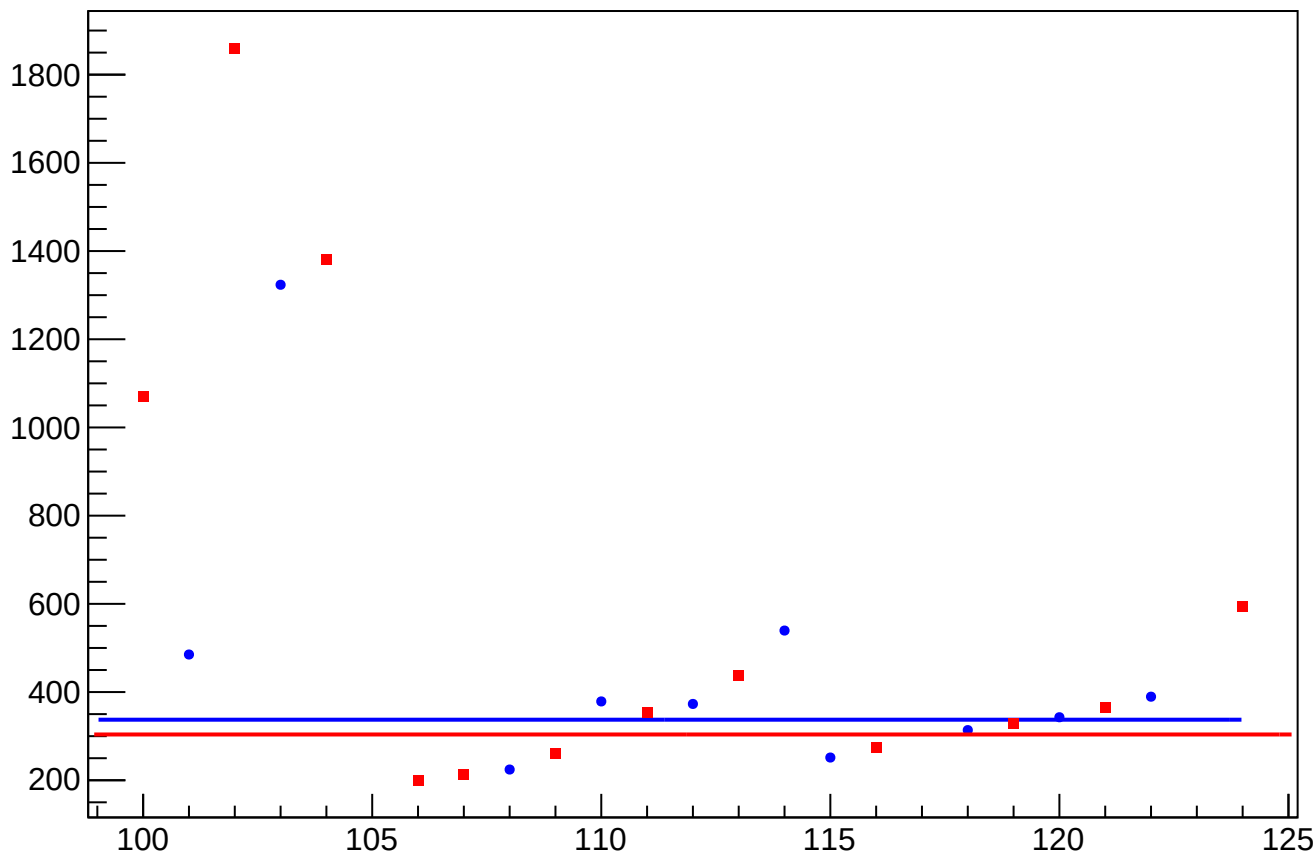
Right: 0.112+/-0.123 χ^2/NDF : 24.2/21

In: 0.030+/-0.183 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.112+/-0.123 χ^2/NDF : 24.2/21

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.315+/-0.129 χ^2/NDF : 1064302.5/9

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

Right Out: 303.811+/-0.117 χ^2/NDF : 1673615.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

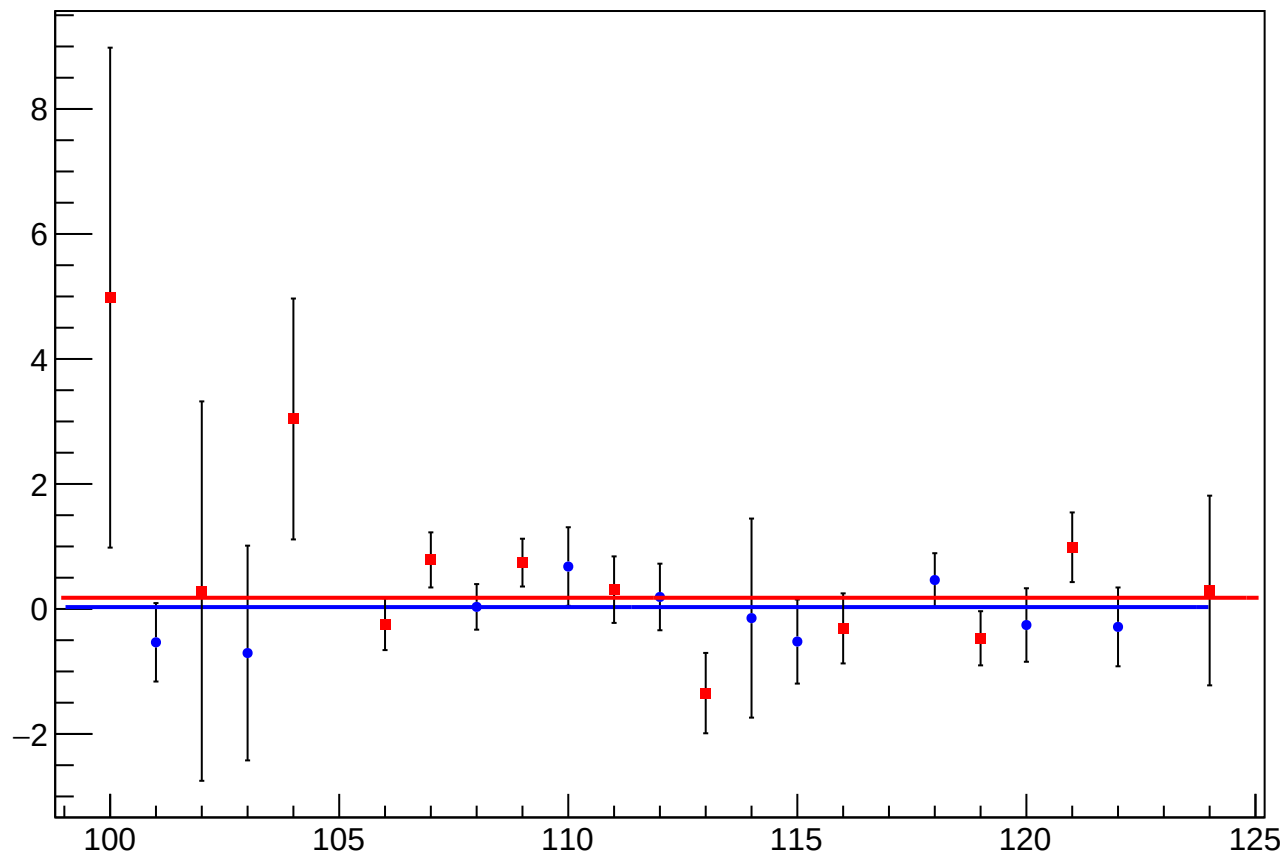
Right: 318.931+/-0.087 χ^2/NDF : 2774742.4/21

In: 337.315+/-0.129 χ^2/NDF : 1064302.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.931+/-0.087 χ^2/NDF : 2774742.4/21

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.183 χ^2/NDF : 4.3/9

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

Right Out: 0.179+/-0.166 χ^2/NDF : 19.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

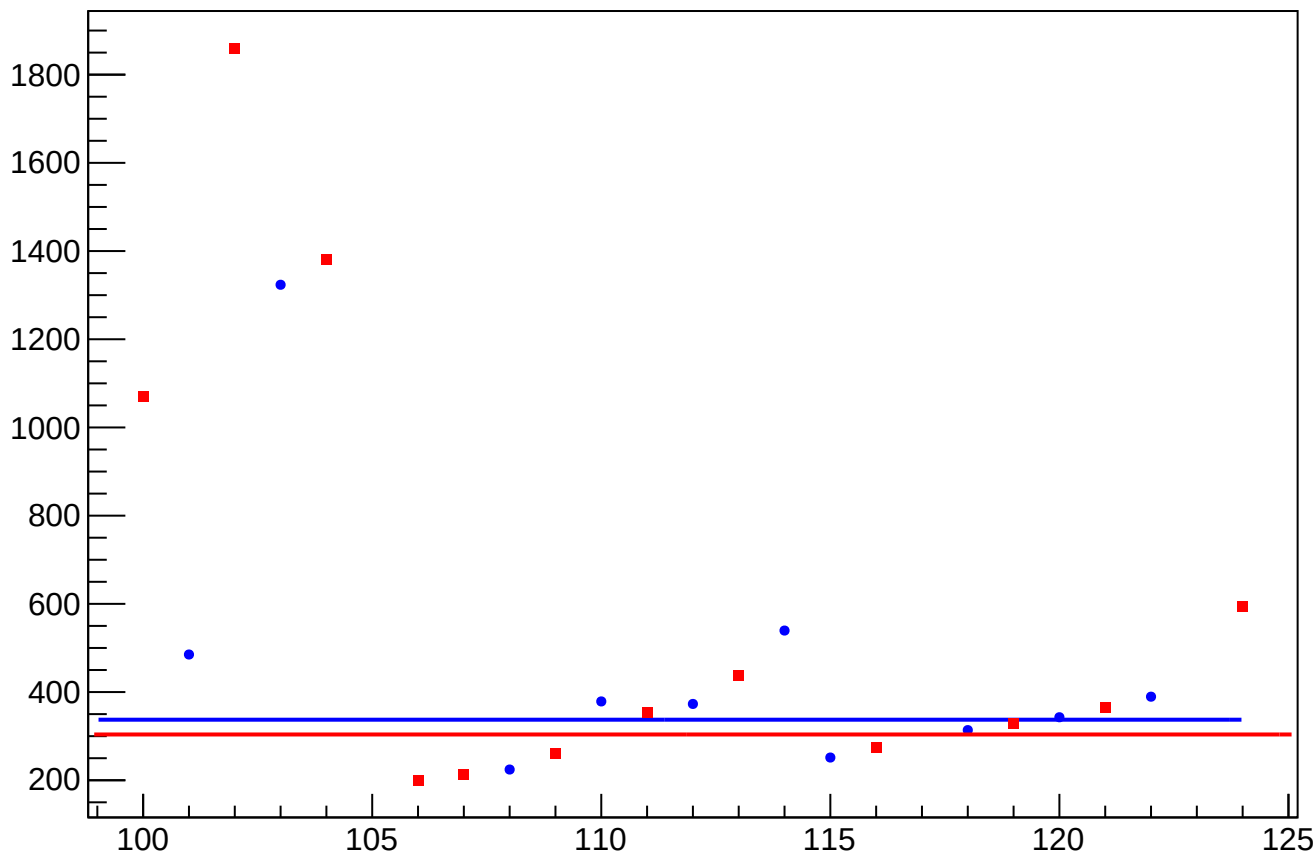
Right: 0.112+/-0.123 χ^2/NDF : 24.2/21

In: 0.030+/-0.183 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.112+/-0.123 χ^2/NDF : 24.2/21

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.315+/-0.129 χ^2/NDF : 1064302.5/9

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

Right Out: 303.811+/-0.117 χ^2/NDF : 1673615.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

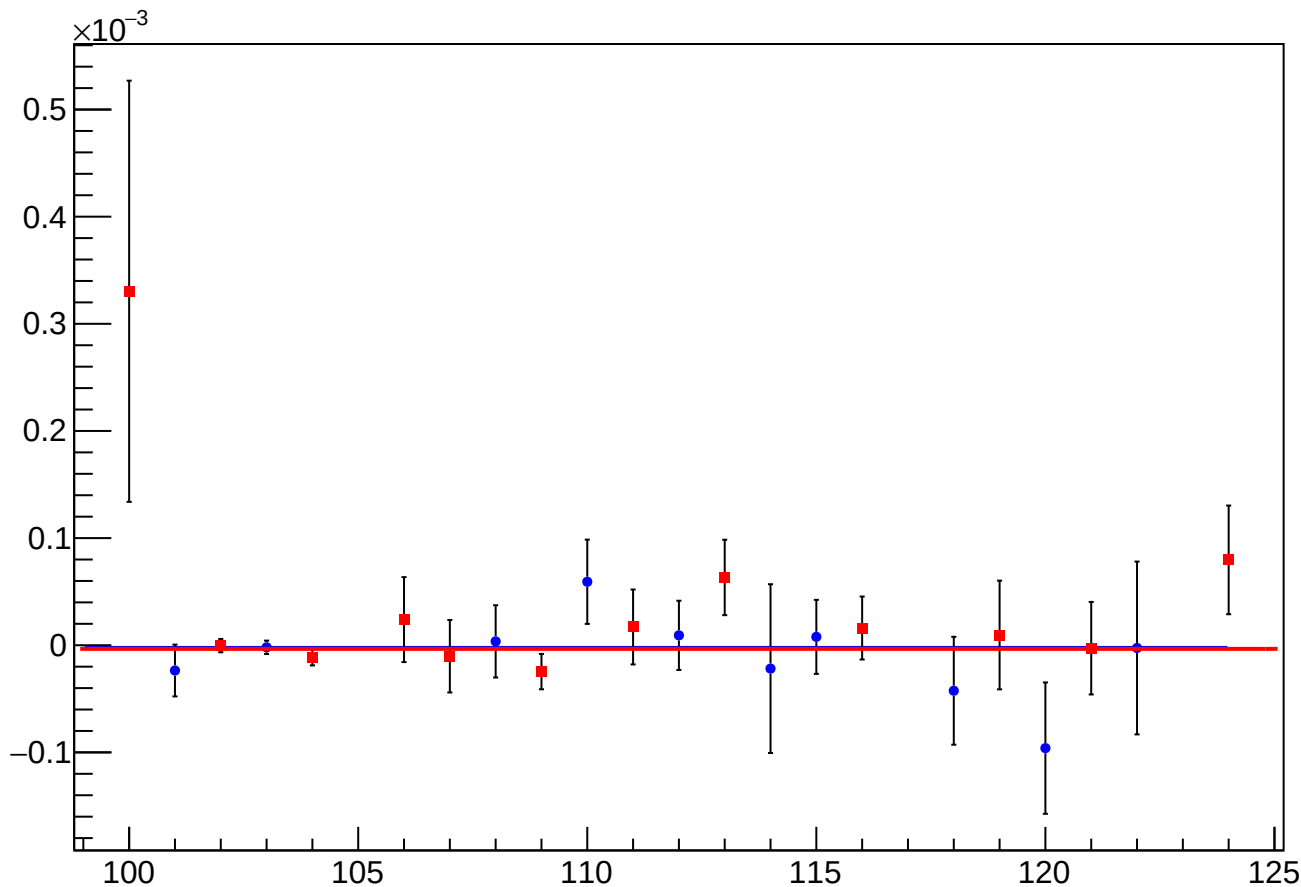
Right: 318.931+/-0.087 χ^2/NDF : 2774742.4/21

In: 337.315+/-0.129 χ^2/NDF : 1064302.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.931+/-0.087 χ^2/NDF : 2774742.4/21

asym_atr2_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 : 13.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

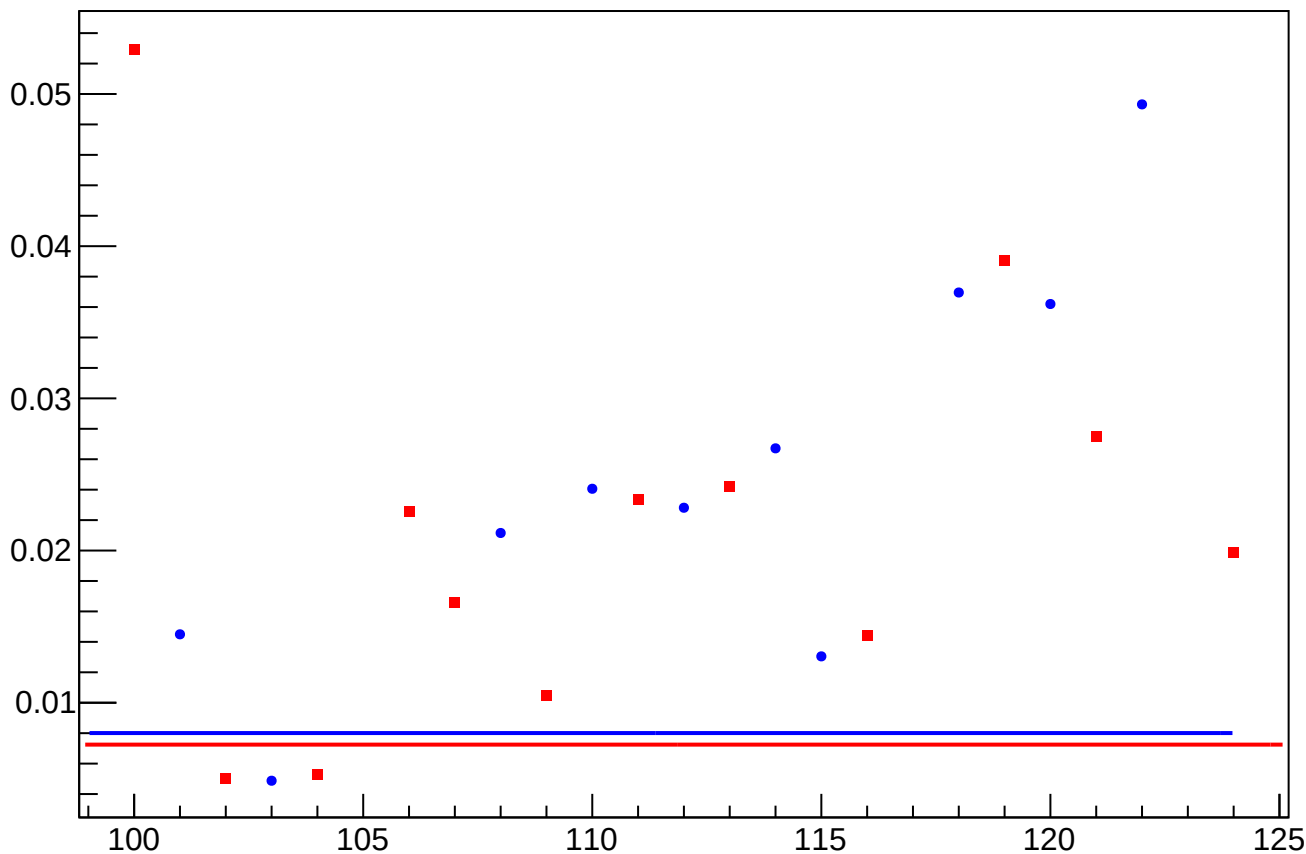
Right: -0.000+/-0.000 χ^2/NDF : 20.1/21

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 : 20.1/21

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 3465201.7/9

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

Right Out: 0.007+/-0.000 χ^2/NDF : 3397089.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

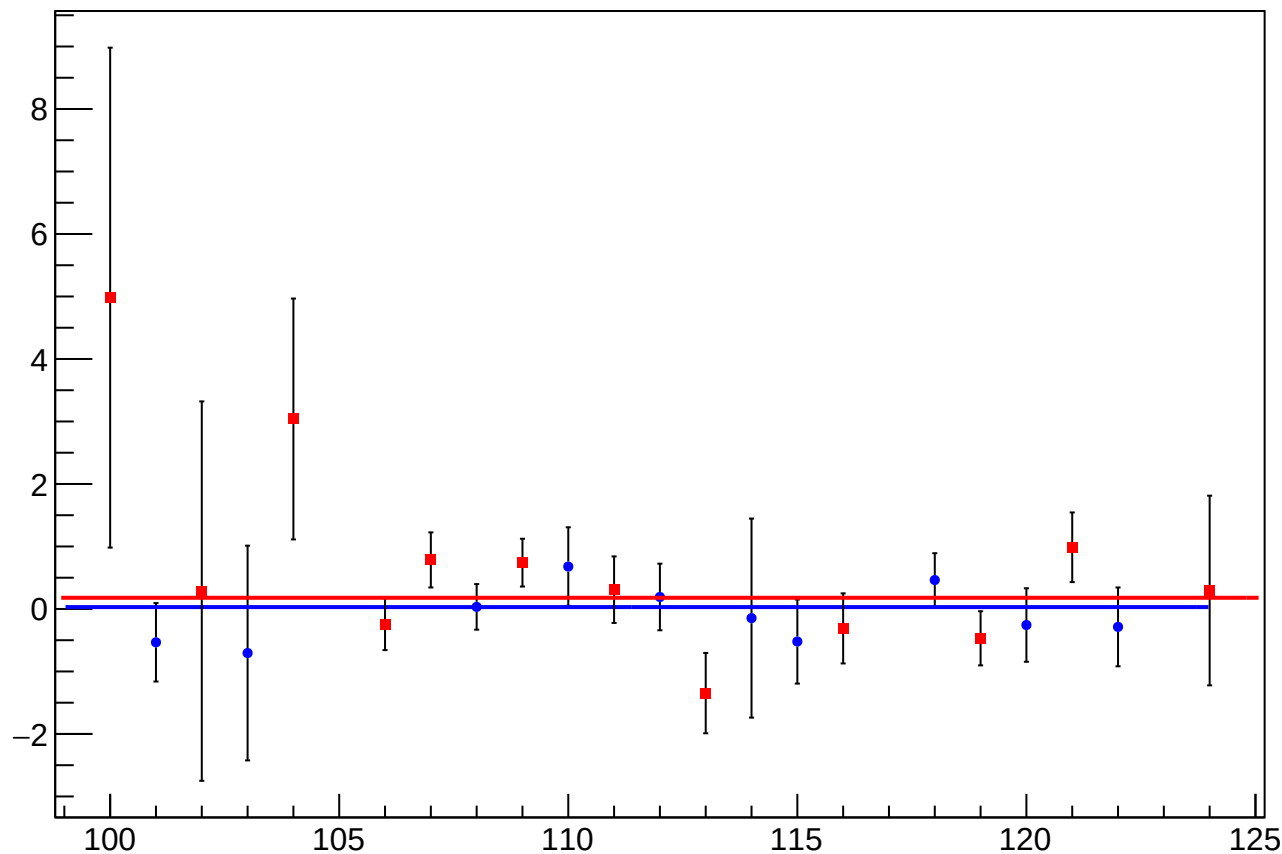
Right: 0.008+/-0.000 χ^2/NDF : 6885200.0/21

In: 0.008+/-0.000 χ^2/NDF : 3465201.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 6885200.0/21

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.183 χ^2/NDF : 4.3/9

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

Right Out: 0.179+/-0.166 χ^2/NDF : 19.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

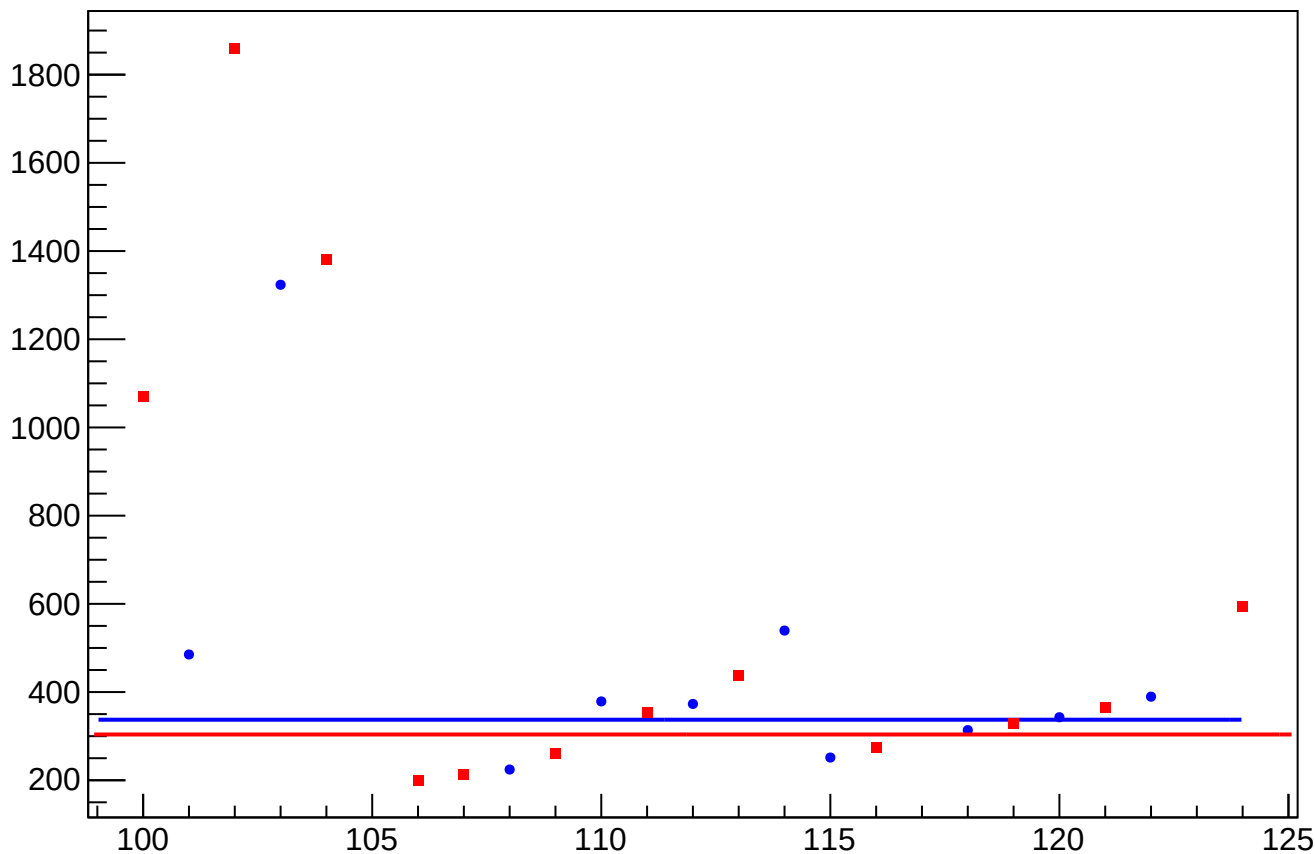
Right: 0.112+/-0.123 χ^2/NDF : 24.2/21

In: 0.030+/-0.183 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.112+/-0.123 χ^2/NDF : 24.2/21

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.311+/-0.129 χ^2/NDF : 1064330.6/9

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

Right Out: 303.812+/-0.117 χ^2/NDF : 1673611.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

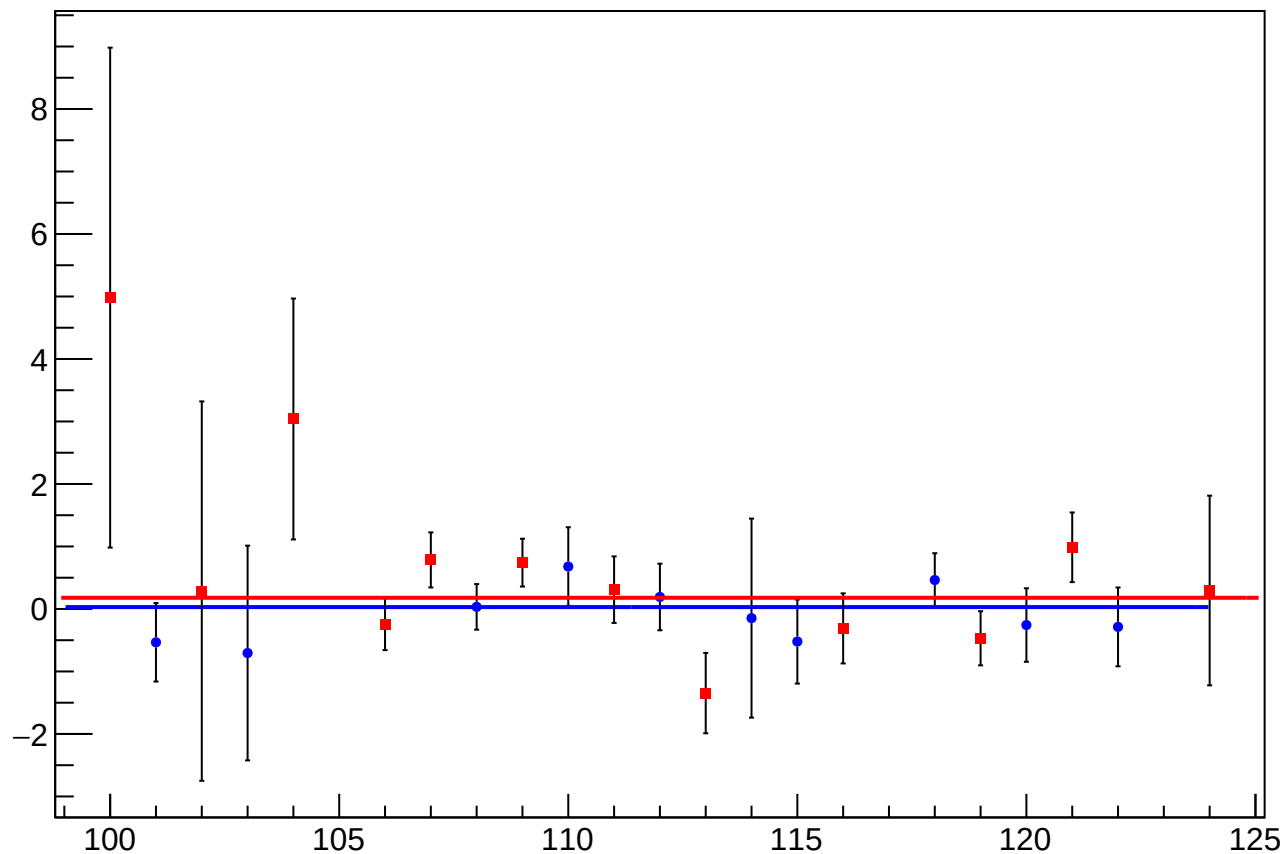
Right: 318.930+/-0.087 χ^2/NDF : 2774757.9/21

In: 337.311+/-0.129 χ^2/NDF :1064330.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 318.930+/-0.087 χ^2/NDF : 2774757.9/21

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.183 χ^2/NDF : 4.3/9

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

Right Out: 0.179+/-0.166 χ^2/NDF : 19.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

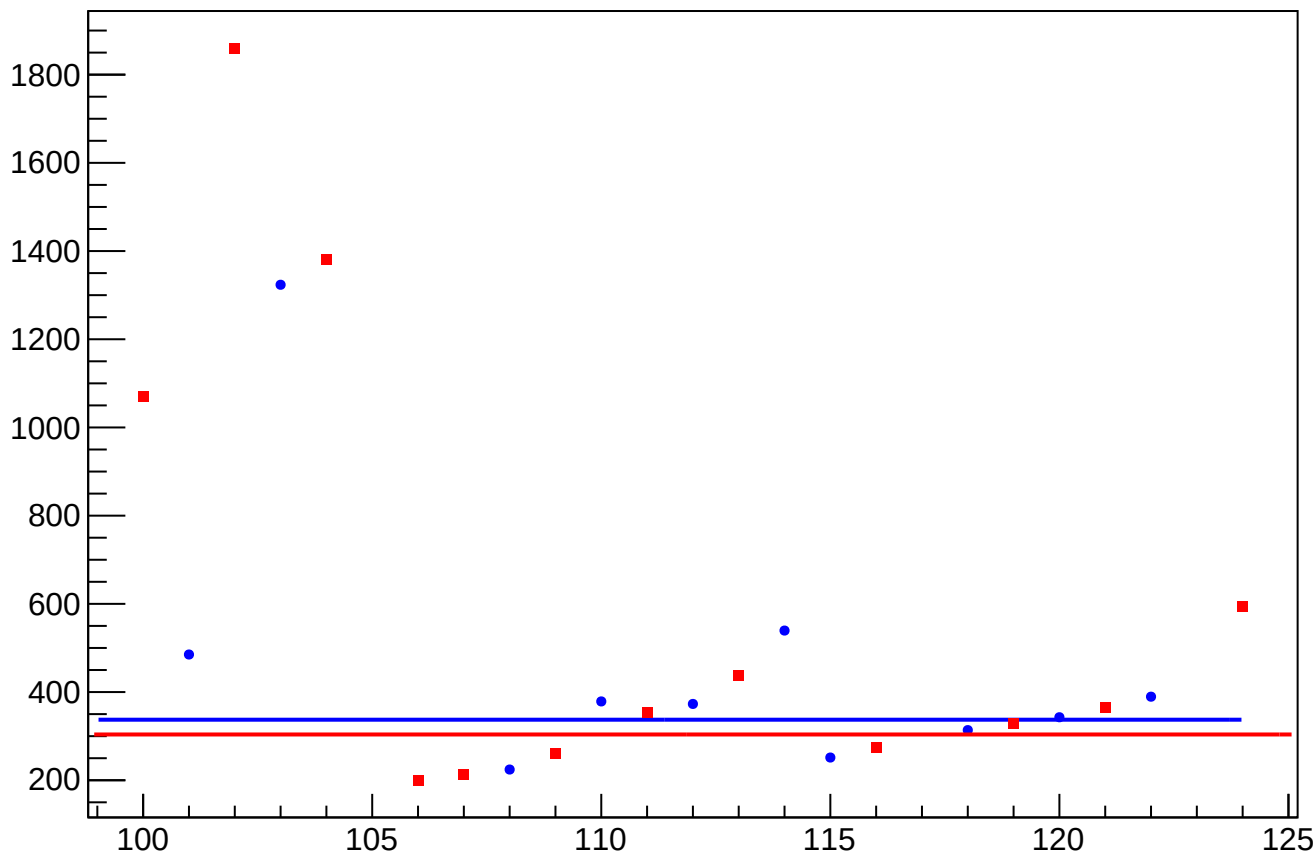
Right: 0.112+/-0.123 χ^2/NDF : 24.2/21

In: 0.030+/-0.183 χ^2/NDF :4.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.112+/-0.123 χ^2/NDF : 24.2/21

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.311+/-0.129 χ^2/NDF : 1064330.6/9

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

Right Out: 303.812+/-0.117 χ^2/NDF : 1673611.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

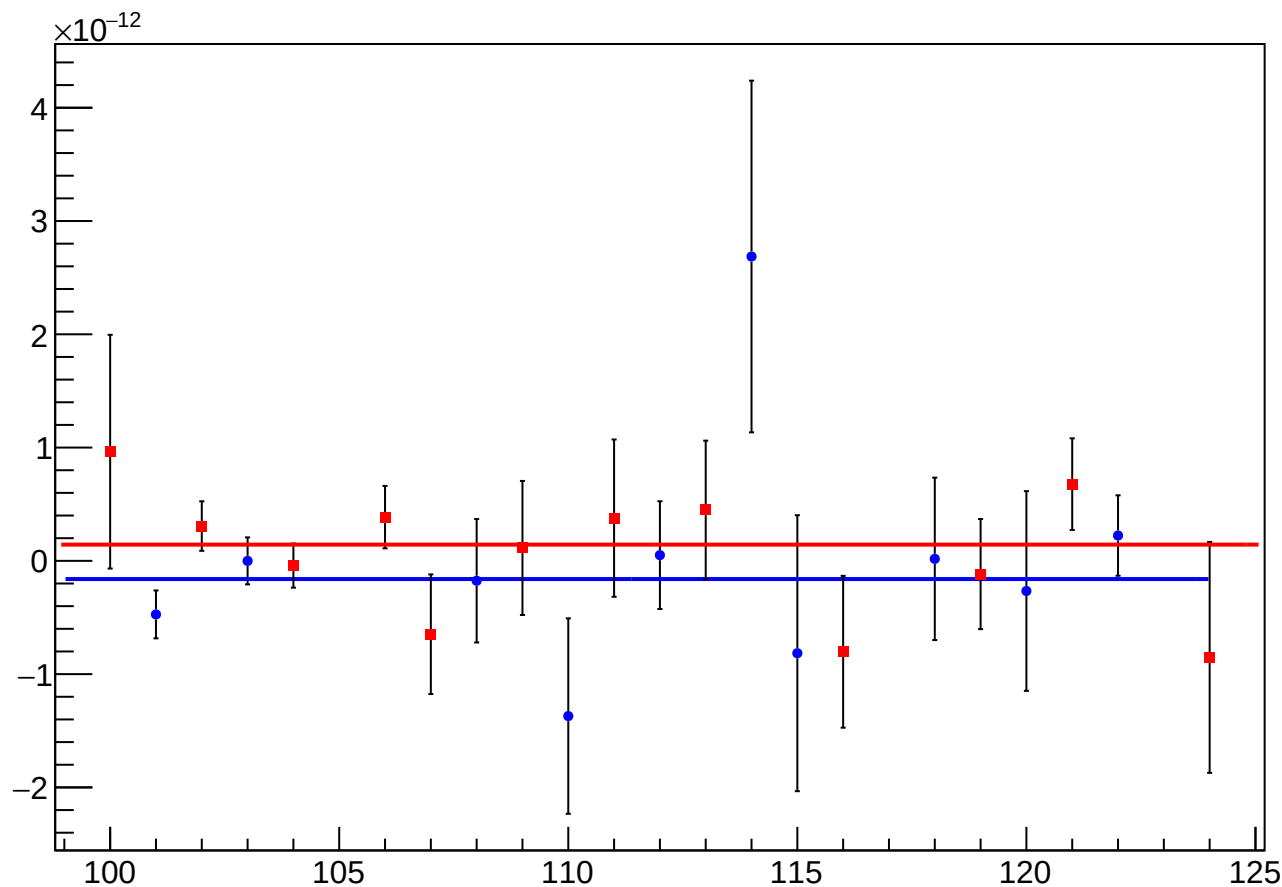
Right: 318.930+/-0.087 χ^2/NDF : 2774757.9/21

In: 337.311+/-0.129 χ^2/NDF : 1064330.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.930+/-0.087 χ^2/NDF : 2774757.9/21

asym_atr2_eigen_cor_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 : 10.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

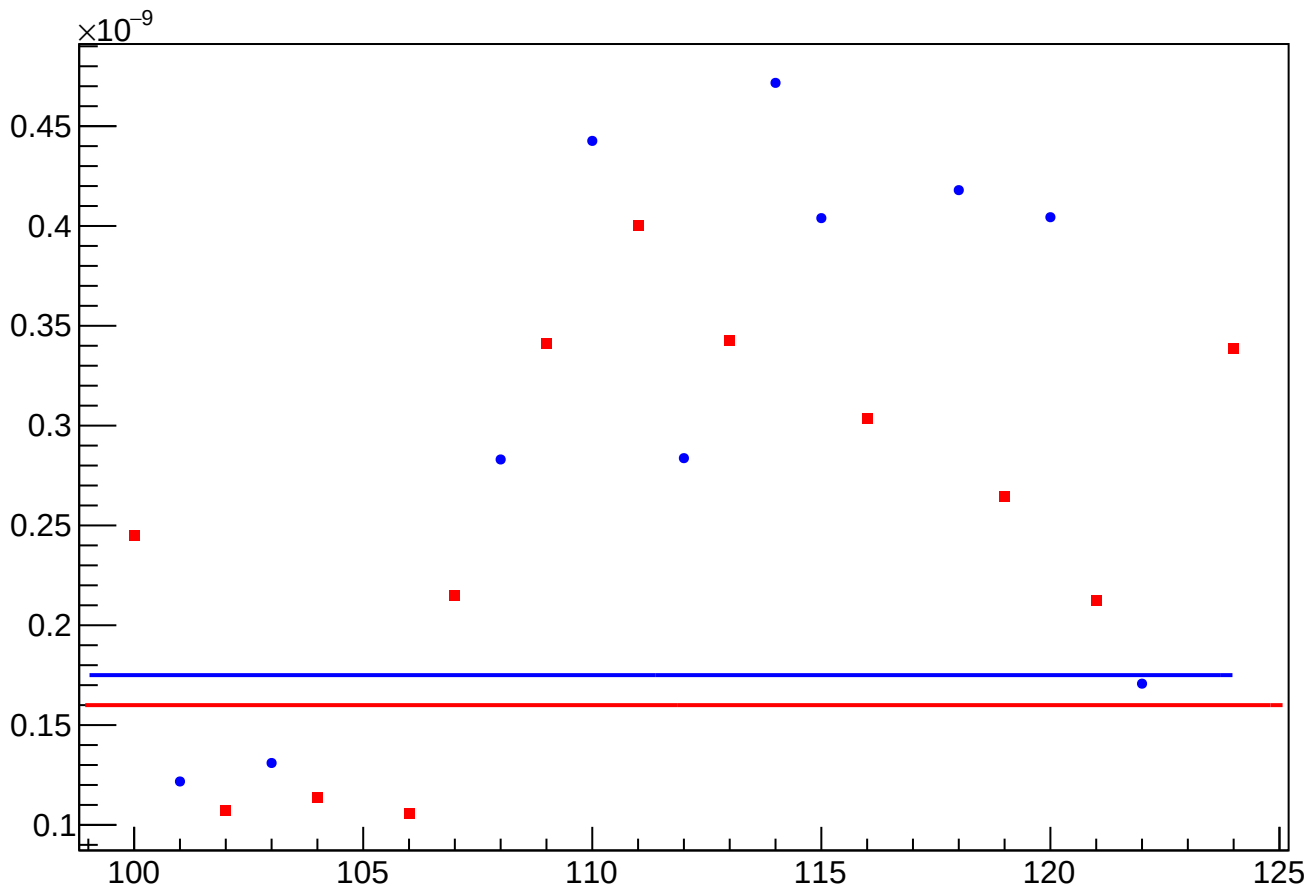
Right: 0.000+/-0.000 χ^2/NDF : 23.8/21

In: -0.000+/-0.000 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.8/21

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1101559.8/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1225984.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

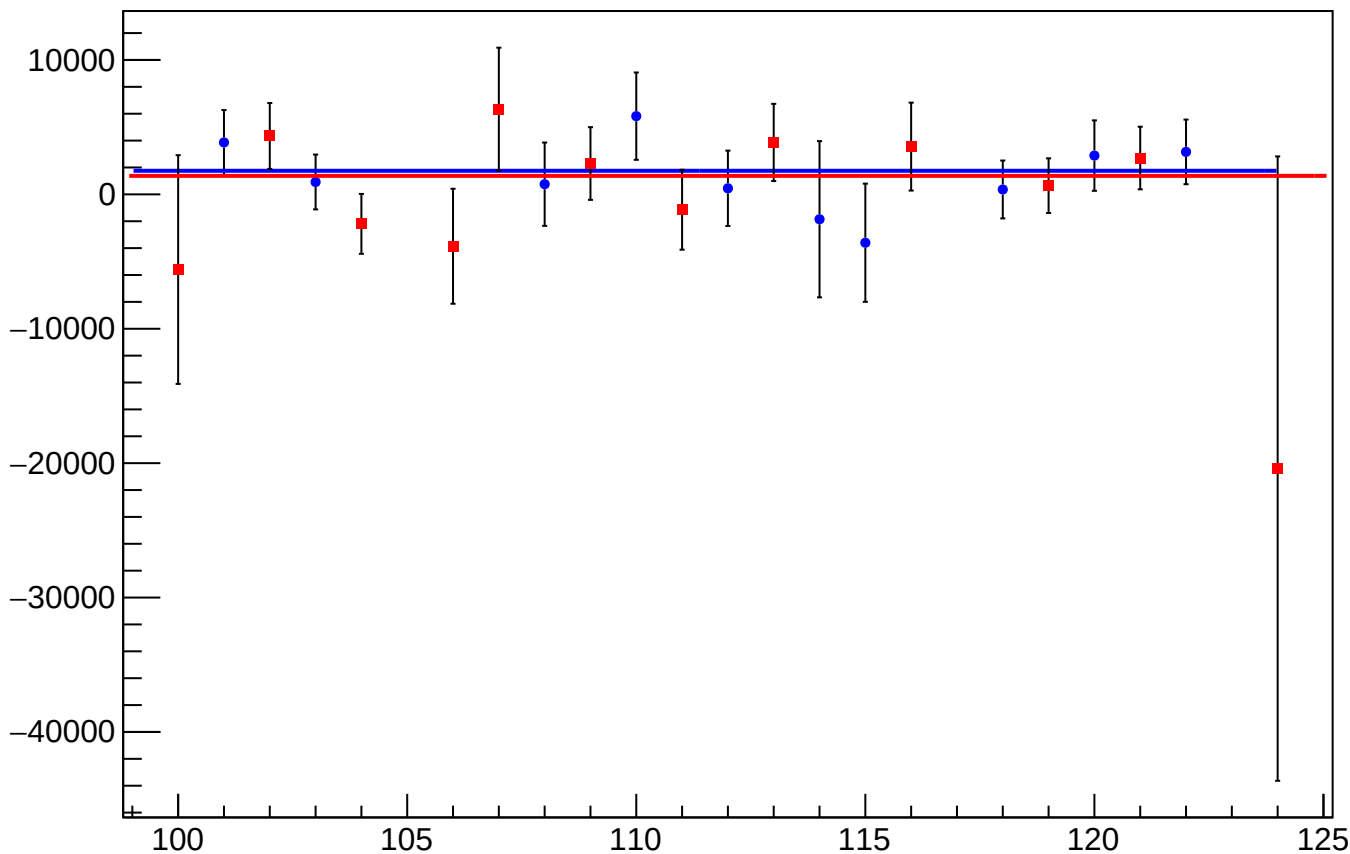
Right: 0.000+/-0.000 χ^2/NDF : 2344566.3/21

In: 0.000+/-0.000 χ^2/NDF : 1101559.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2344566.3/21

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1754.796+/-859.458 χ^2/NDF : 5.6/9

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

Right Out: 1377.945+/-852.118 χ^2/NDF : 10.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

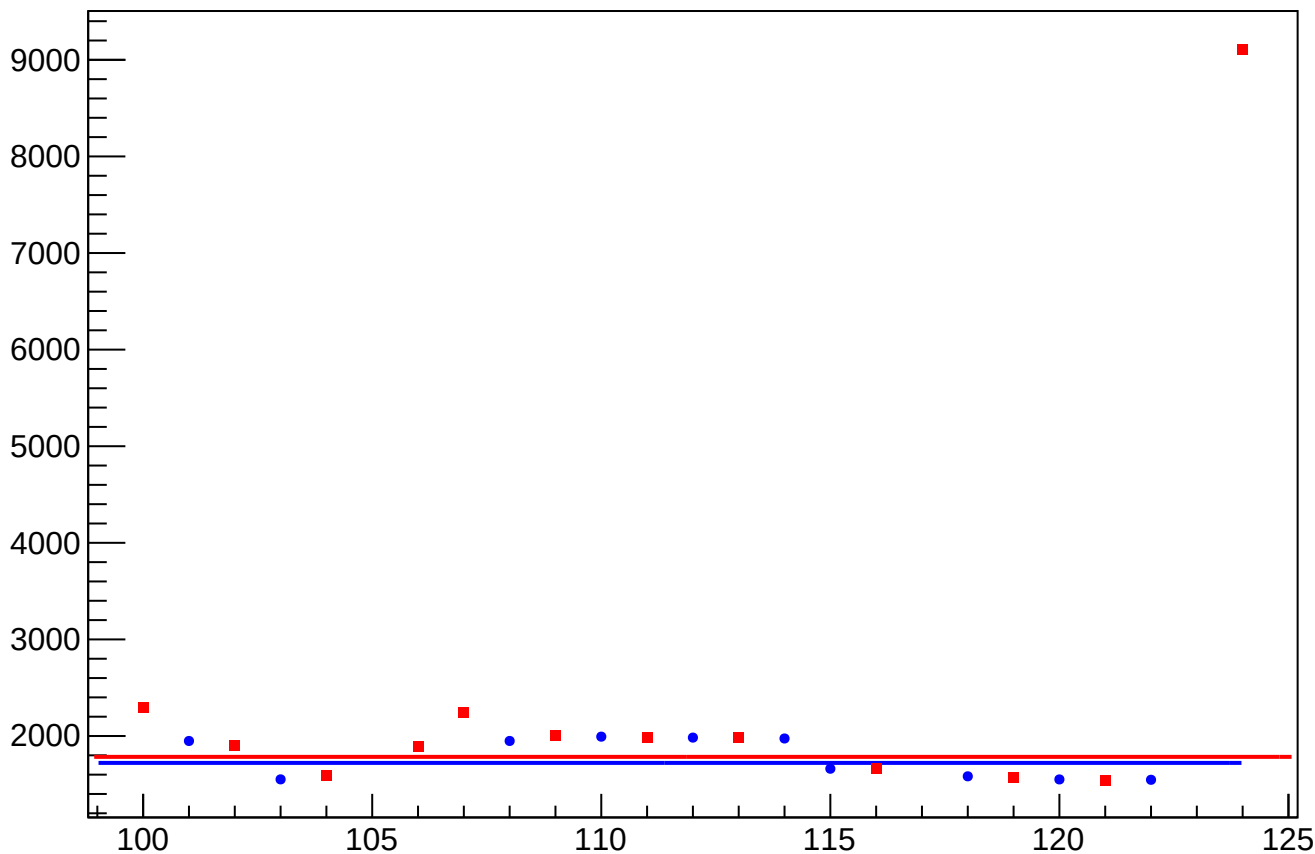
Right: 1564.755+/-605.117 χ^2/NDF : 16.5/21

In: 1754.796+/-859.458 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.755+/-605.117 χ^2/NDF : 16.5/21

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1721.666+/-0.608 χ^2/NDF : 105447.6/9

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

Right Out: 1784.097+/-0.598 χ^2/NDF : 327145.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

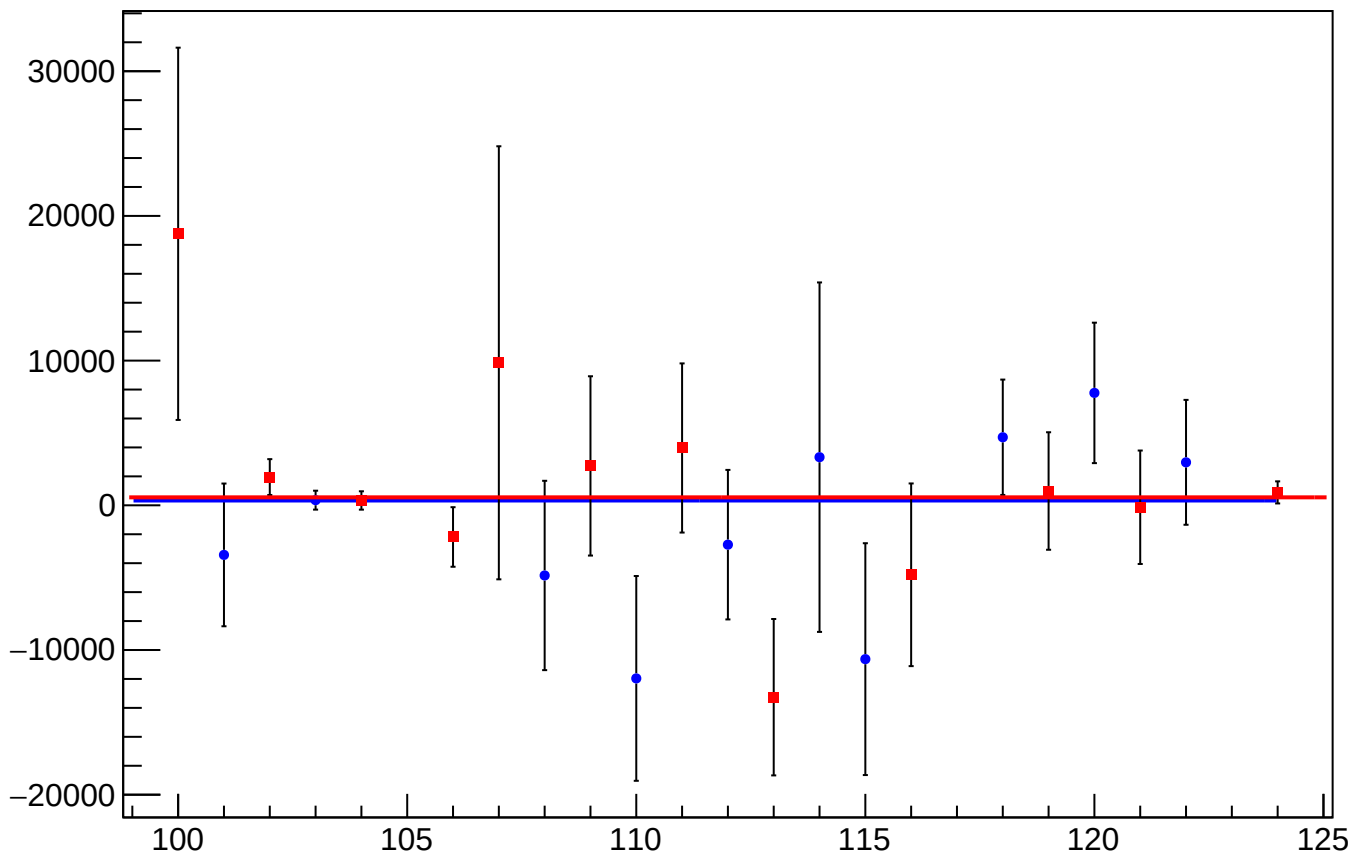
Right: 1753.408+/-0.426 χ^2/NDF : 437959.0/21

In: 1721.666+/-0.608 χ^2/NDF : 105447.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1753.408+/-0.426 χ^2/NDF : 437959.0/21

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 333.061+/-615.278 χ^2/NDF : 10.4/9

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

Right Out: 550.475+/-432.712 χ^2/NDF : 13.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

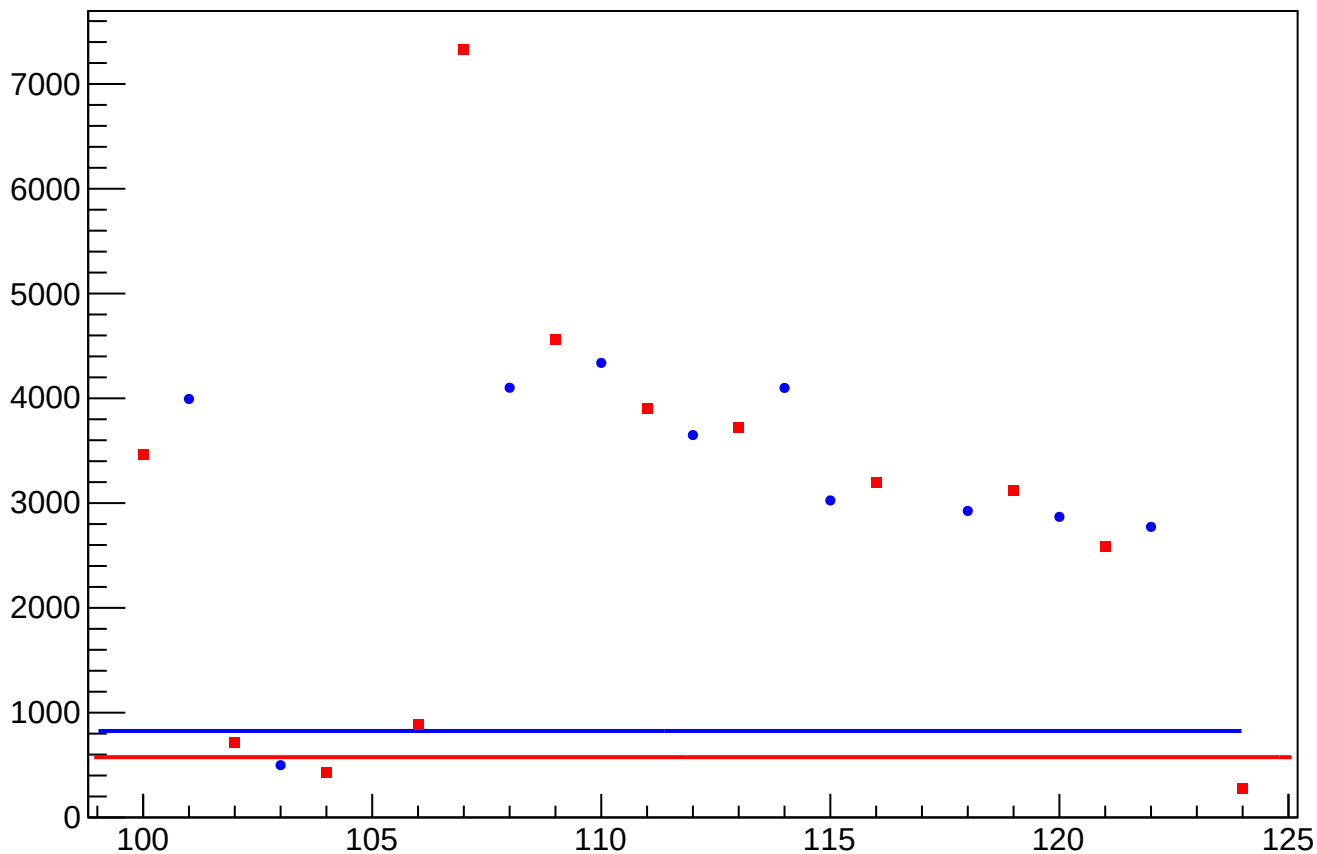
Right: 478.527+/-353.945 χ^2/NDF : 24.0/21

In: 333.061+/-615.278 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 478.527+/-353.945 χ^2/NDF : 24.0/21

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 825.265+/-0.435 χ^2/NDF : 4530436.8/9

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

Right Out: 575.320+/-0.306 χ^2/NDF : 4795648.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

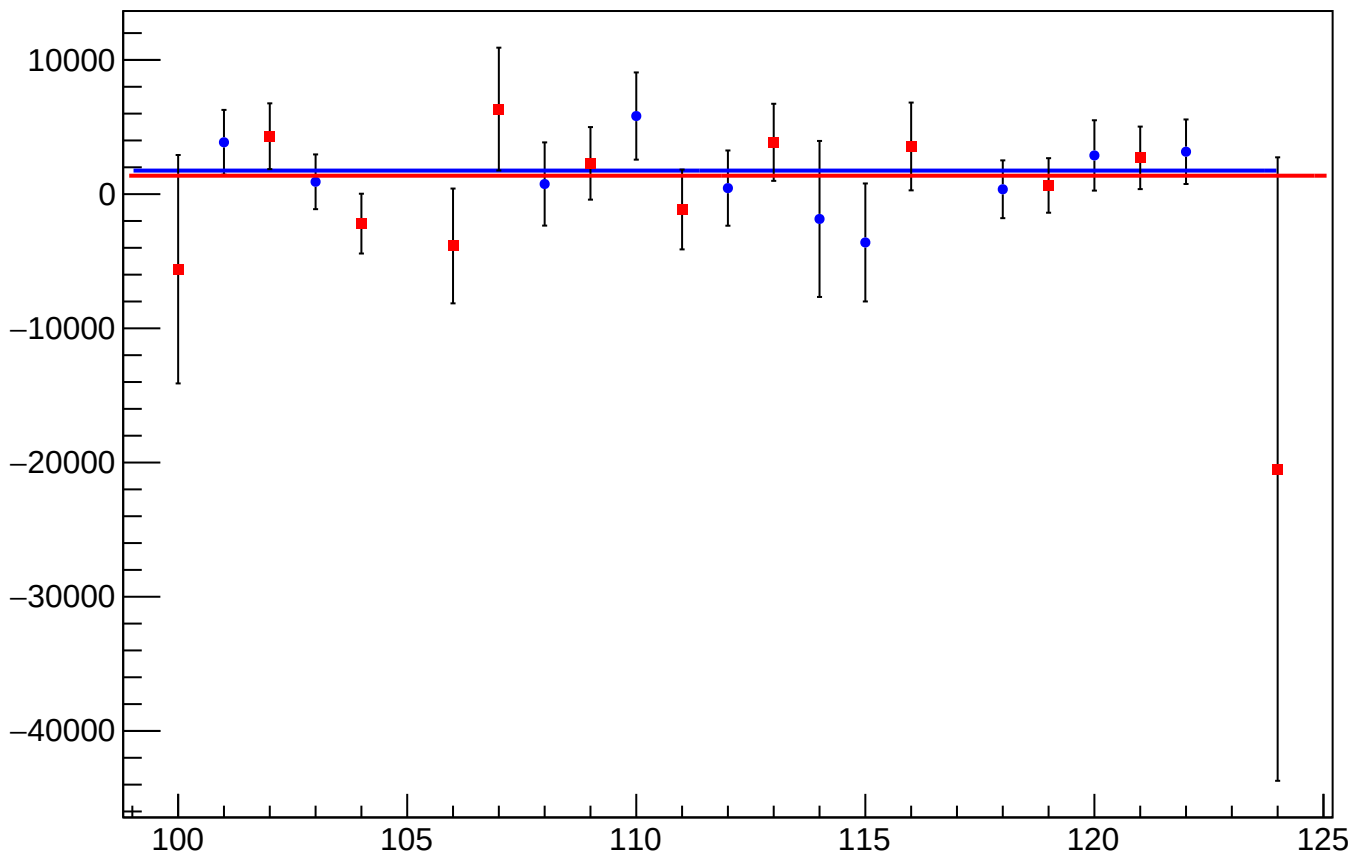
Right: 658.033+/-0.250 χ^2/NDF : 9546911.2/21

In: 825.265+/-0.435 χ^2/NDF : 4530436.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.033+/-0.250 χ^2/NDF : 9546911.2/21

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1755.097+/-859.459 χ^2/NDF : 5.6/9

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

Right Out: 1373.569+/-852.130 χ^2/NDF : 10.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

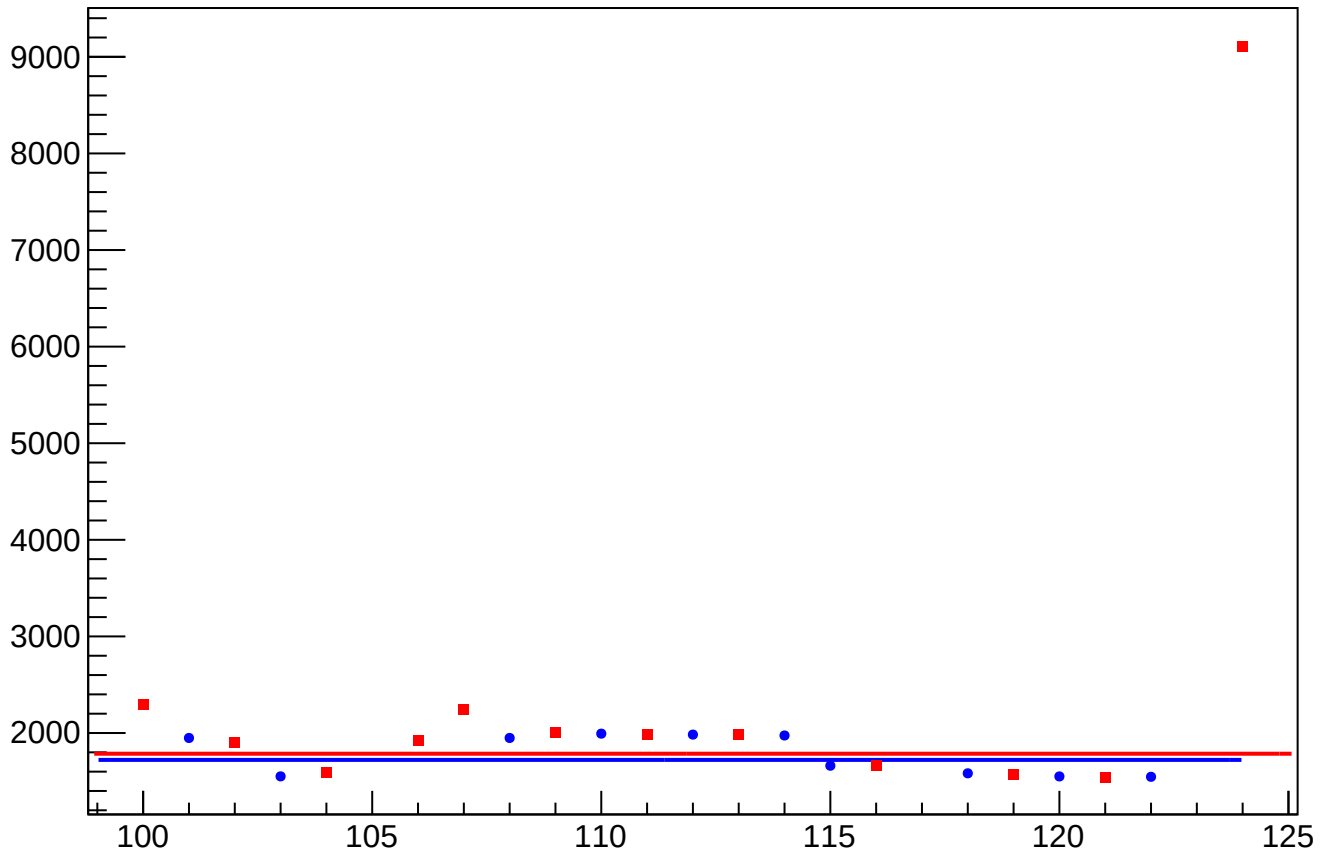
Right: 1562.699+/-605.121 χ^2/NDF : 16.5/21

In: 1755.097+/-859.459 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.699+/-605.121 χ^2/NDF : 16.5/21

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1721.665+/-0.608 χ^2/NDF : 105447.8/9

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

Right Out: 1785.670+/-0.598 χ^2/NDF : 328327.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

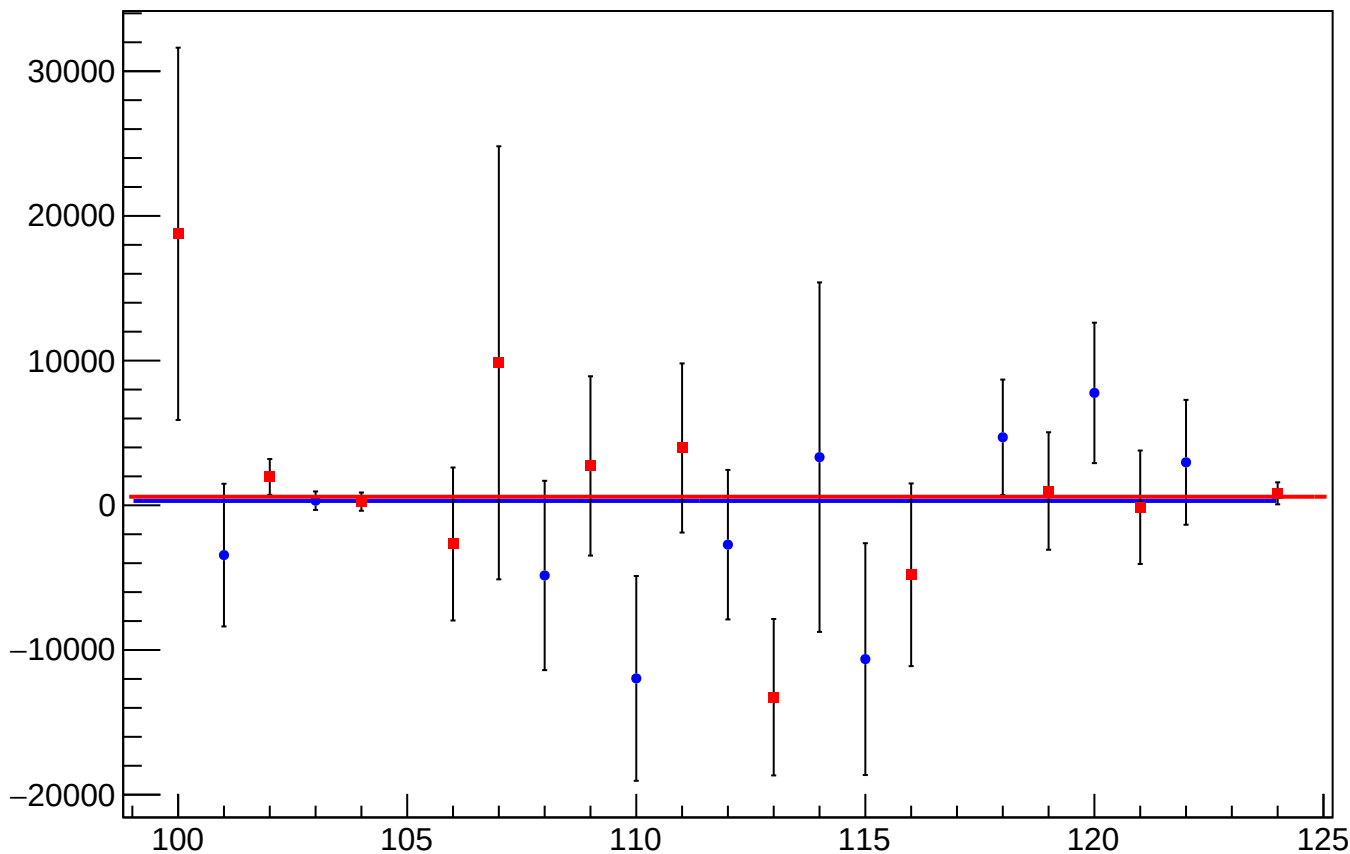
Right: 1754.180+/-0.426 χ^2/NDF : 439410.0/21

In: 1721.665+/-0.608 χ^2/NDF : 105447.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1754.180+/-0.426 χ^2/NDF : 439410.0/21

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 302.360+/-601.532 χ^2/NDF : 10.4/9

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

Right Out: 593.254+/-438.888 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

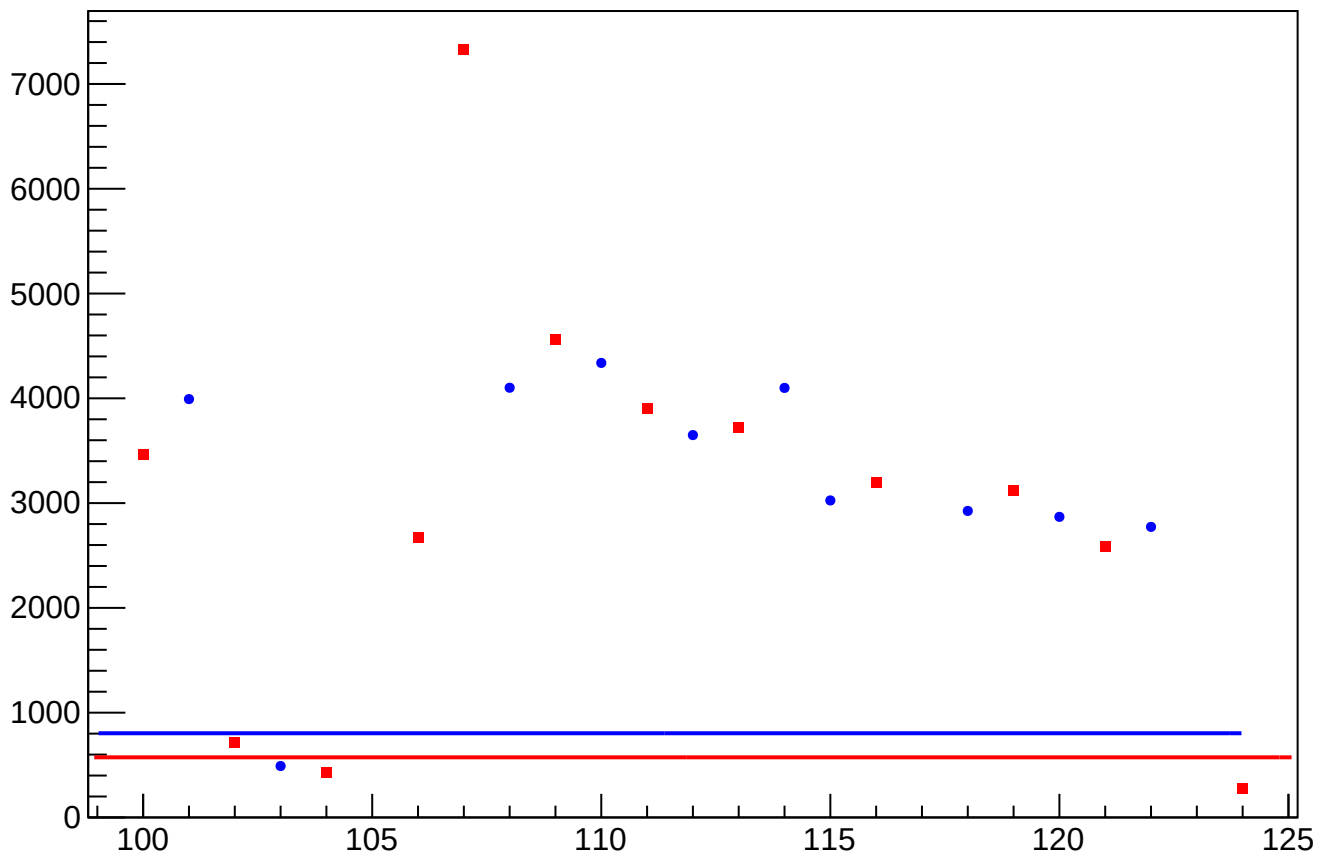
Right: 492.196+/-354.549 χ^2/NDF : 22.8/21

In: 302.360+/-601.532 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 492.196+/-354.549 χ^2/NDF : 22.8/21

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 803.603 $\pm$ 0.425 χ^2 /NDF: 4580221.9/9

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

Right Out: 573.892 $\pm$ 0.310 χ^2 /NDF: 5074916.1/11

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

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

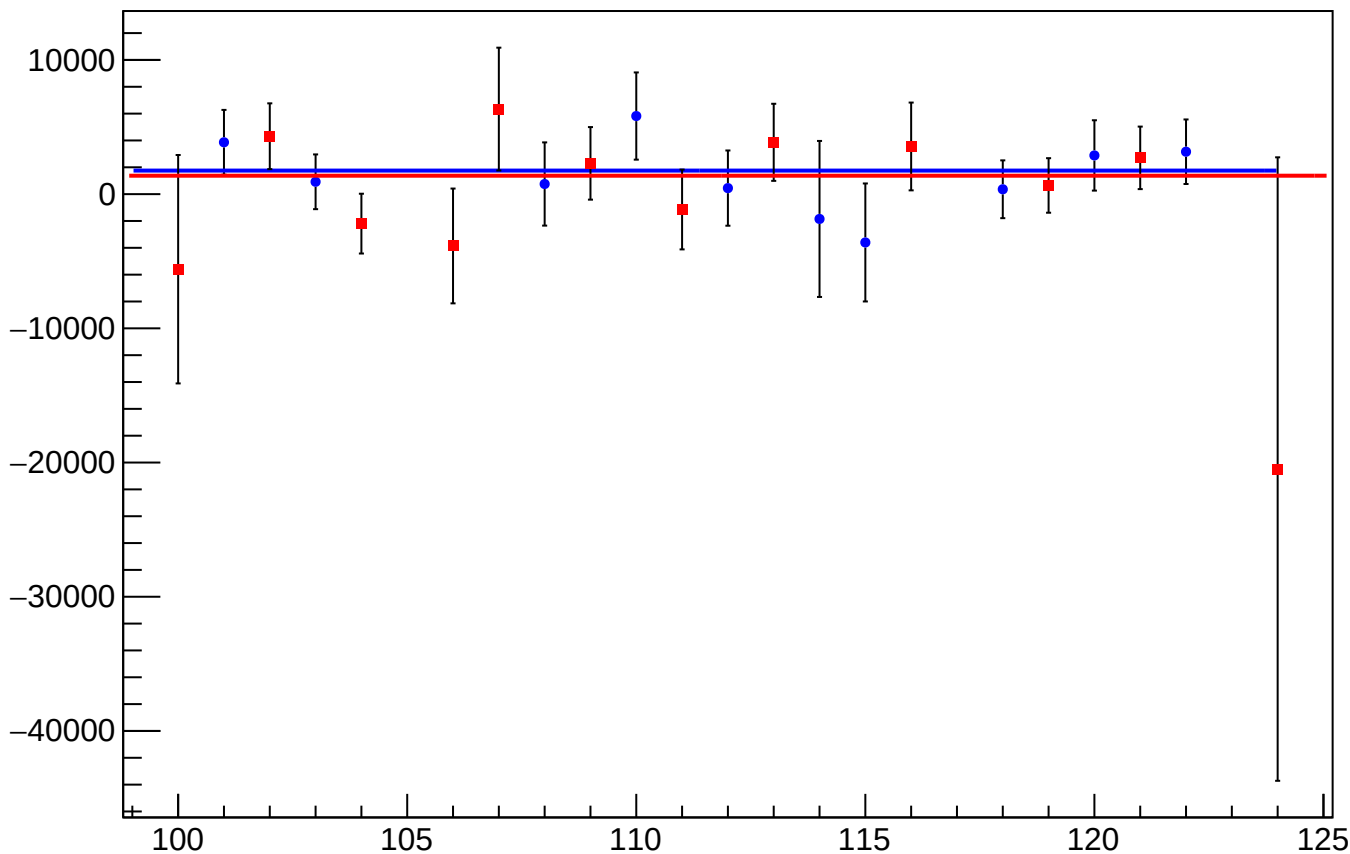
Right: 653.695 $\pm$ 0.251 χ^2 /NDF: 9845475.2/21

In: 803.603 $\pm$ 0.425 χ^2 /NDF:4580221.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 653.695 $\pm$ 0.251 χ^2 /NDF: 9845475.2/21

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1755.097+/-859.459 χ^2/NDF : 5.6/9

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

Right Out: 1373.569+/-852.130 χ^2/NDF : 10.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

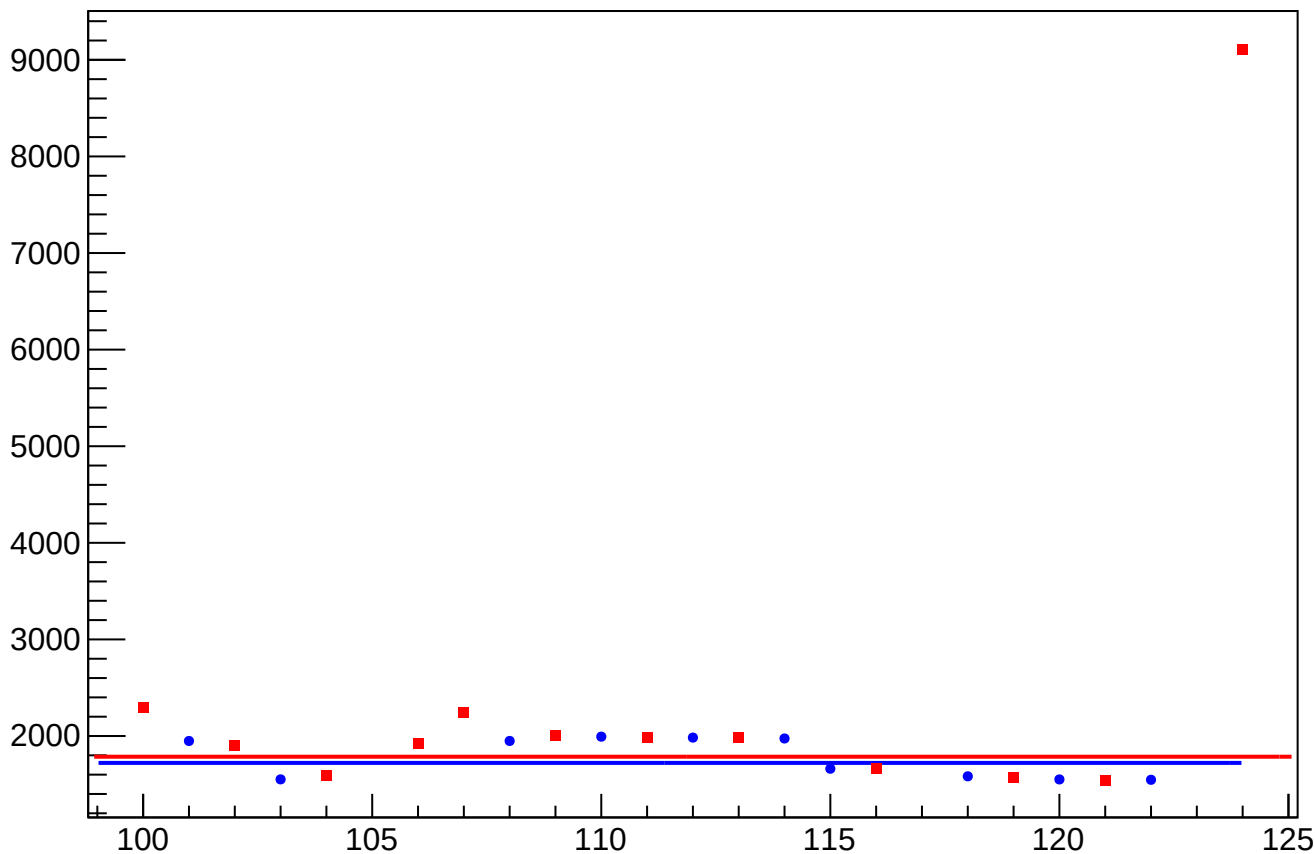
Right: 1562.699+/-605.121 χ^2/NDF : 16.5/21

In: 1755.097+/-859.459 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.699+/-605.121 χ^2/NDF : 16.5/21

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1721.665+/-0.608 χ^2/NDF : 105447.8/9

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

Right Out: 1785.670+/-0.598 χ^2/NDF : 328327.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

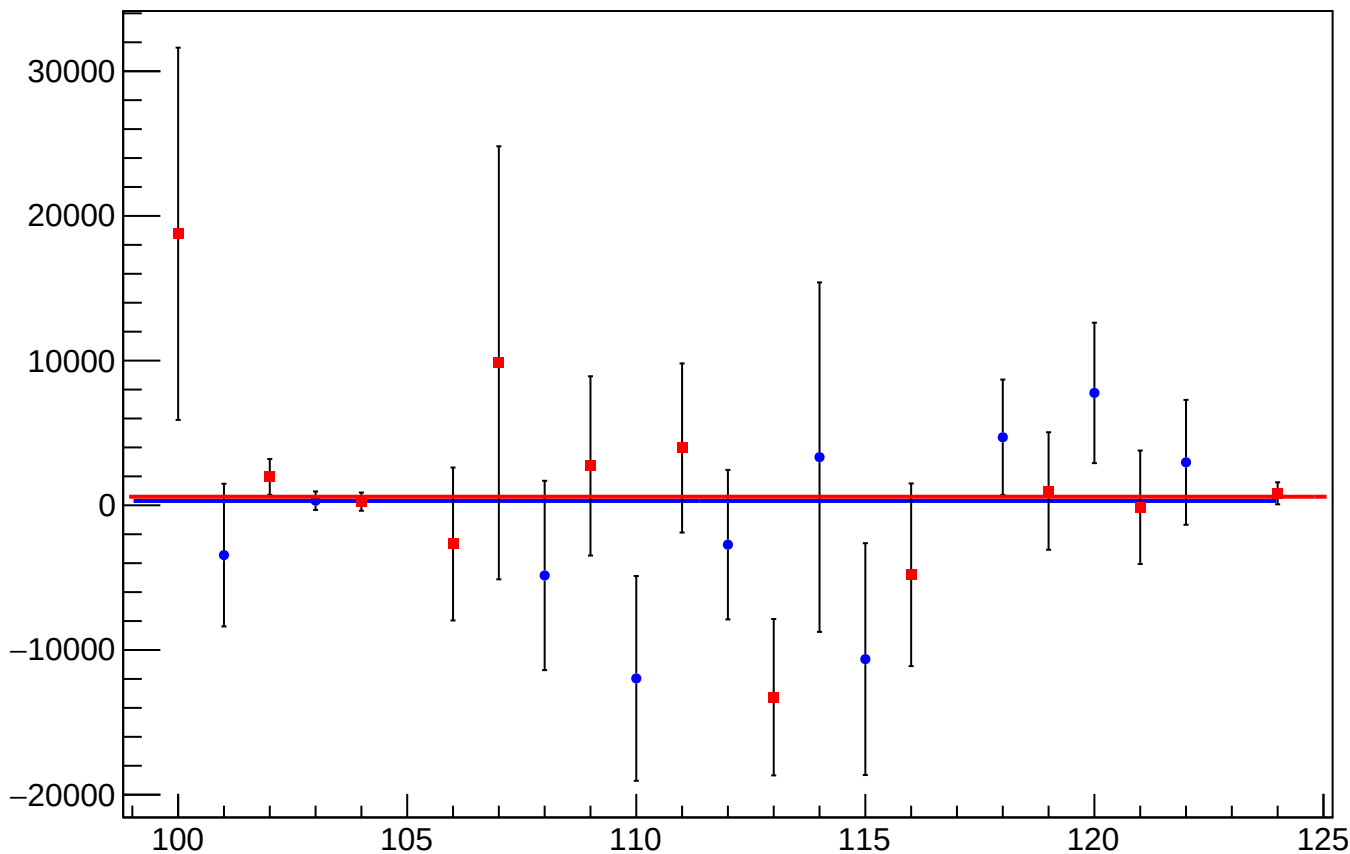
Right: 1754.180+/-0.426 χ^2/NDF : 439410.0/21

In: 1721.665+/-0.608 χ^2/NDF : 105447.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1754.180+/-0.426 χ^2/NDF : 439410.0/21

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 302.360+/-601.532 χ^2/NDF : 10.4/9

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

Right Out: 593.254+/-438.888 χ^2/NDF : 12.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

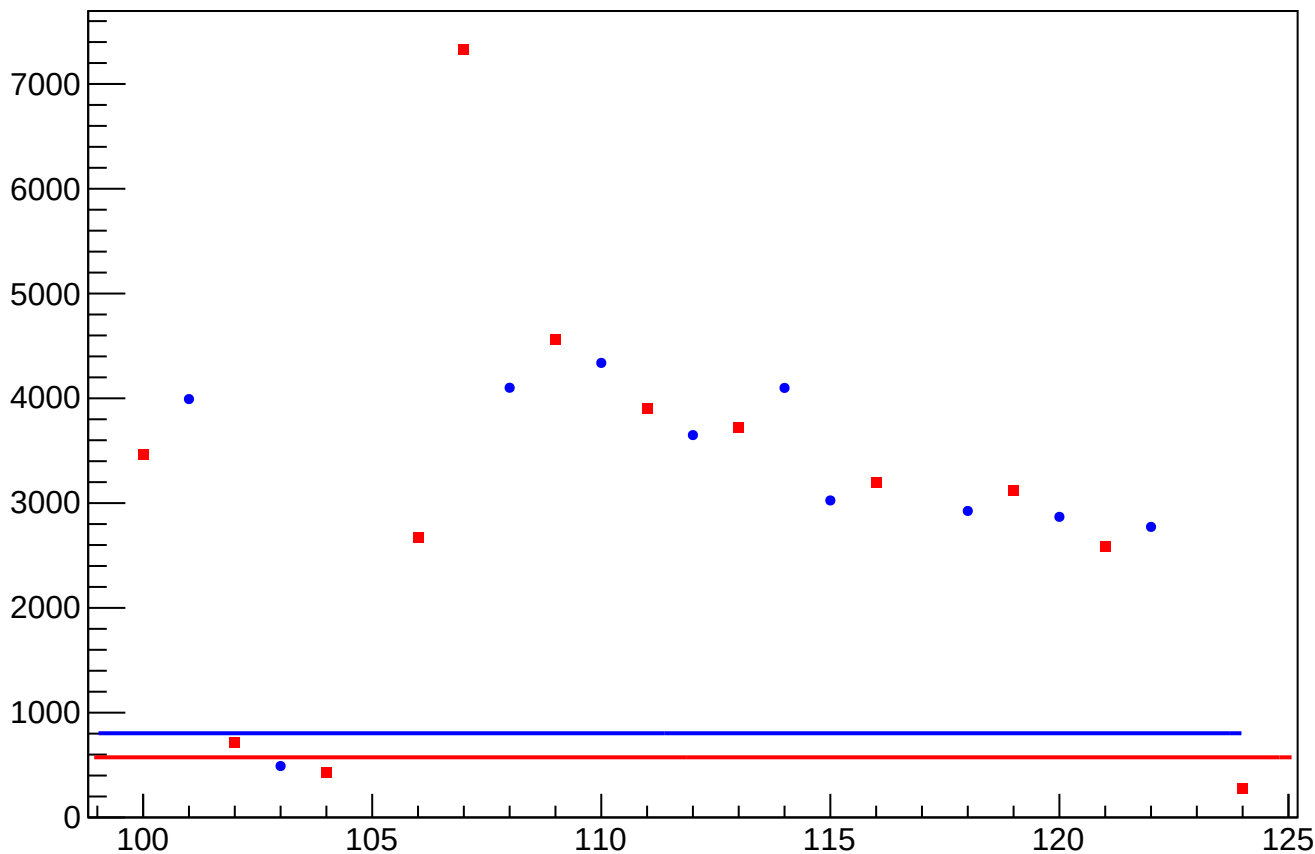
Right: 492.196+/-354.549 χ^2/NDF : 22.8/21

In: 302.360+/-601.532 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 492.196+/-354.549 χ^2/NDF : 22.8/21

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 803.603+/-0.425 χ^2/NDF : 4580221.9/9

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

Right Out: 573.892+/-0.310 χ^2/NDF : 5074916.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

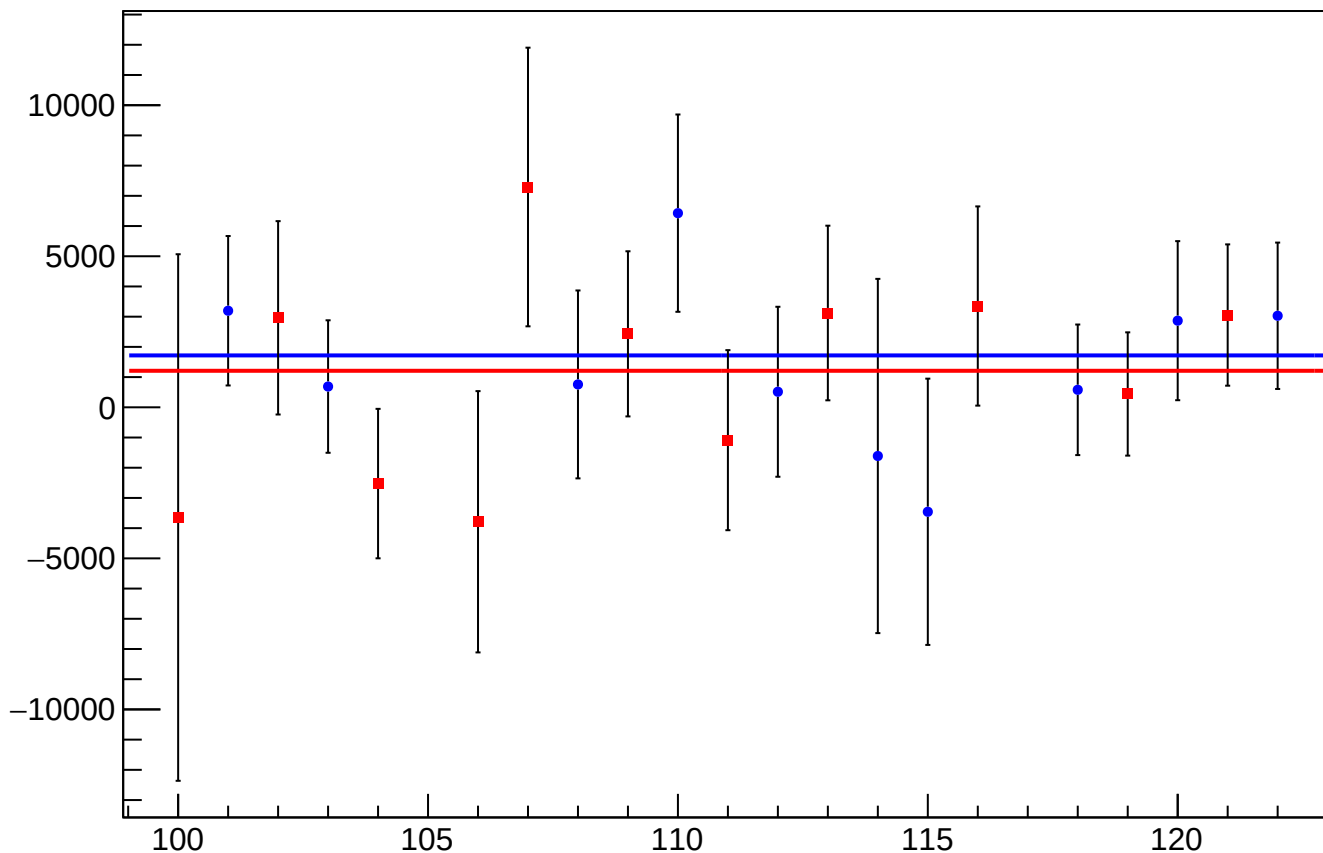
Right: 653.695+/-0.251 χ^2/NDF : 9845475.2/21

In: 803.603+/-0.425 χ^2/NDF :4580221.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 653.695+/-0.251 χ^2/NDF : 9845475.2/21

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1717.760+/-875.575 χ^2/NDF : 5.4/9

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

Right Out: 1208.946+/-892.305 χ^2/NDF : 8.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

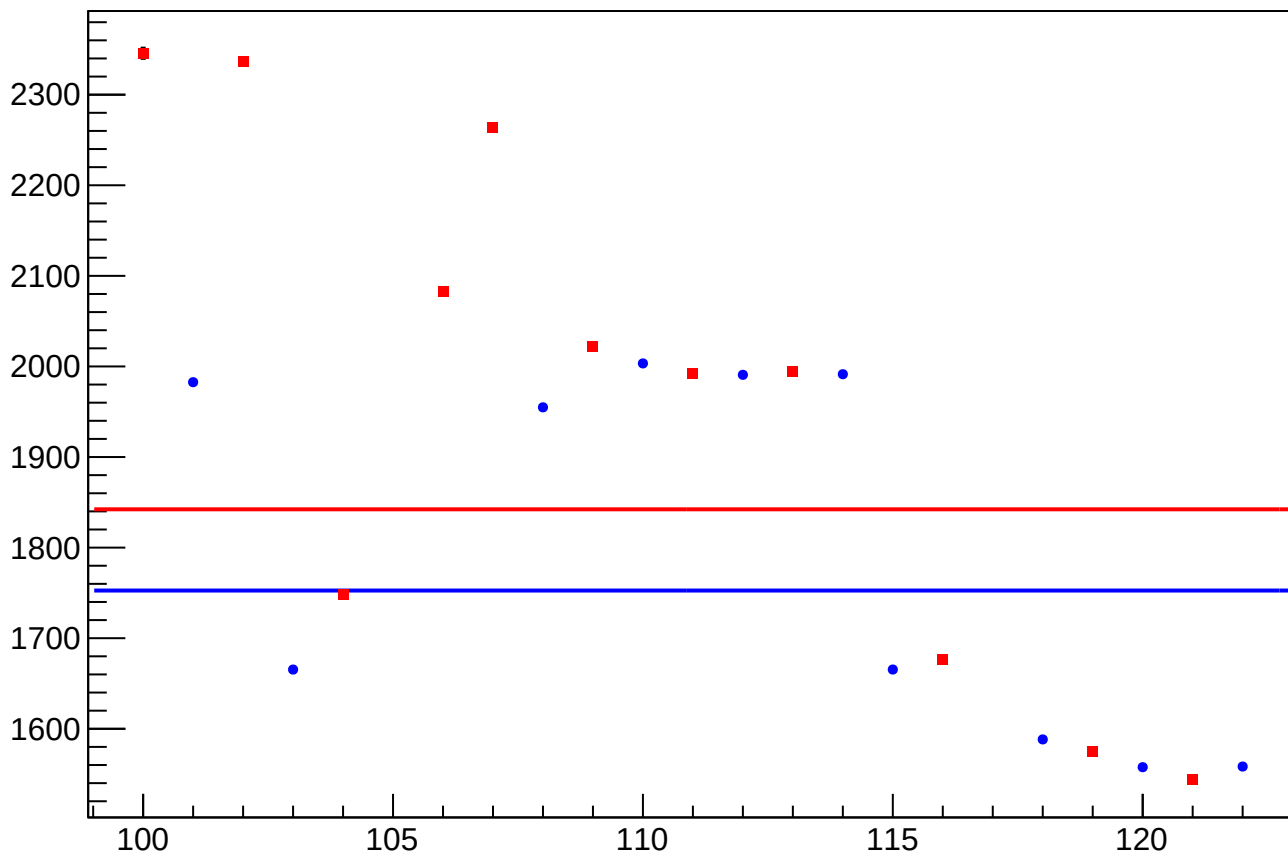
Right: 1468.168+/-624.956 χ^2/NDF : 13.9/20

In: 1717.760+/-875.575 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1468.168+/-624.956 χ^2/NDF : 13.9/20

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1752.614+/-0.619 χ^2/NDF : 94552.3/9

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

Right Out: 1842.289+/-0.628 χ^2/NDF : 172494.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

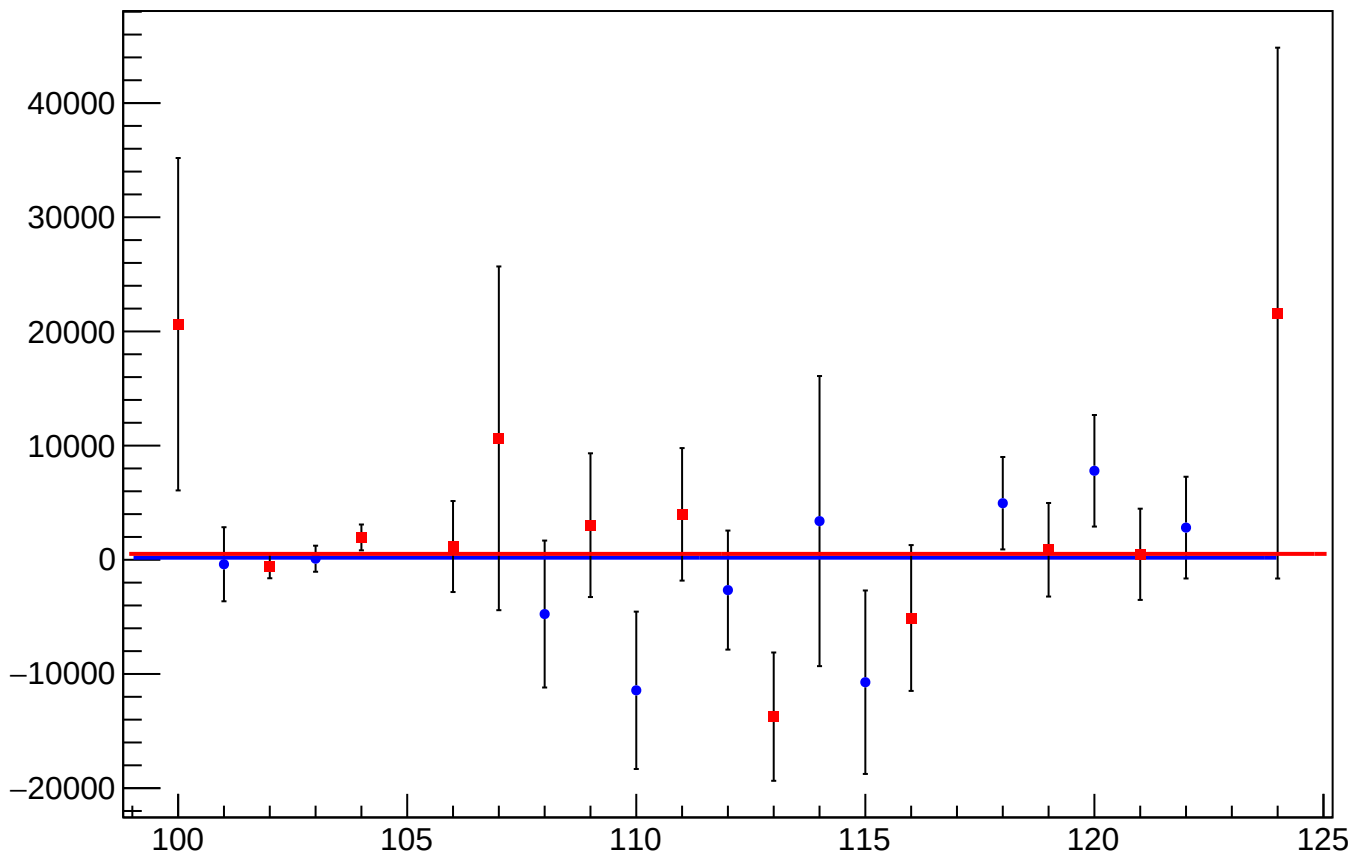
Right: 1796.788+/-0.441 χ^2/NDF : 277380.9/20

In: 1752.614+/-0.619 χ^2/NDF : 94552.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1796.788+/-0.441 χ^2/NDF : 277380.9/20

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 185.817+/-944.965 χ^2/NDF : 9.8/9

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

Right Out: 517.806+/-712.538 χ^2/NDF : 13.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

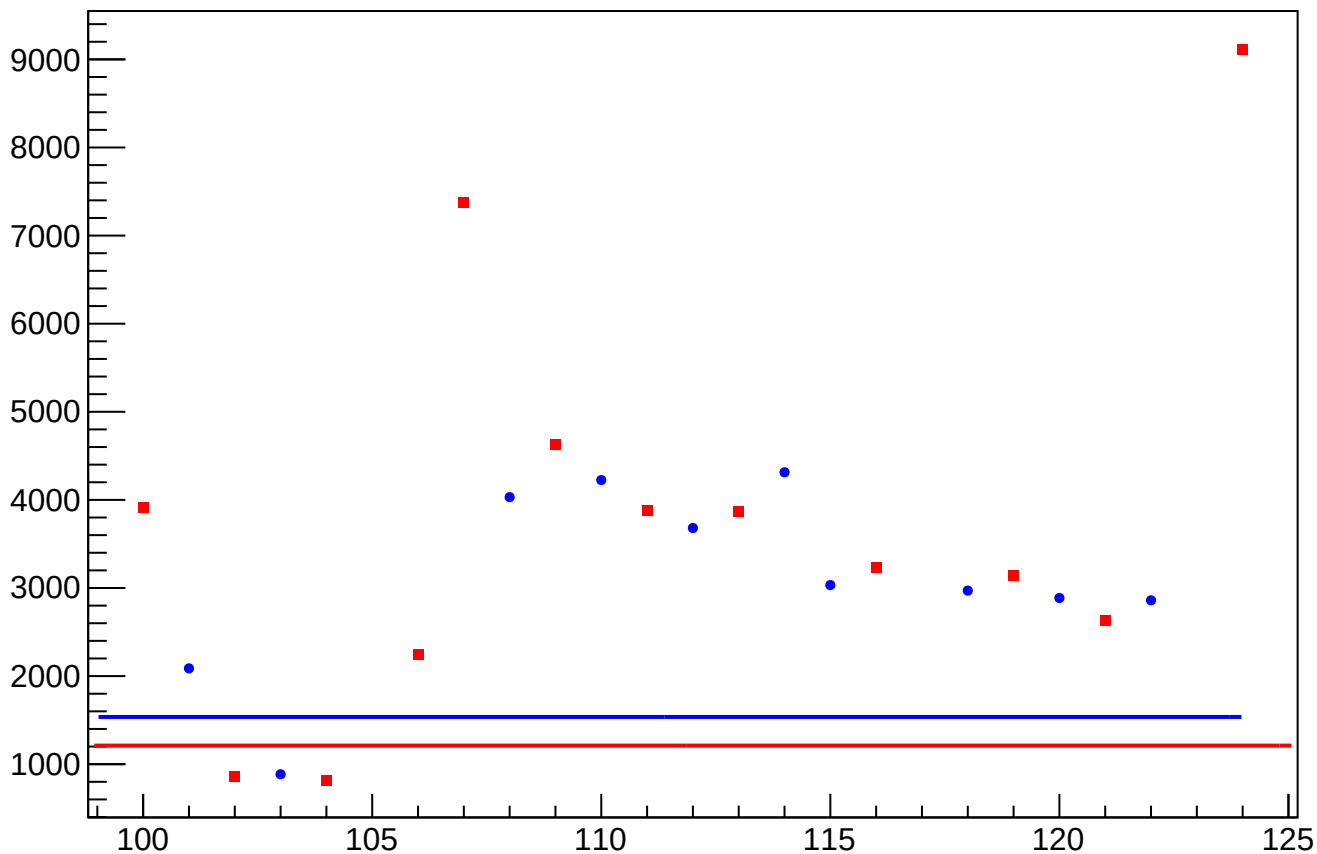
Right: 397.468+/-568.926 χ^2/NDF : 23.5/21

In: 185.817+/-944.965 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.468+/-568.926 χ^2/NDF : 23.5/21

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1536.233+/-0.668 χ^2/NDF : 2396937.0/9

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

Right Out: 1210.924+/-0.504 χ^2/NDF : 3598233.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

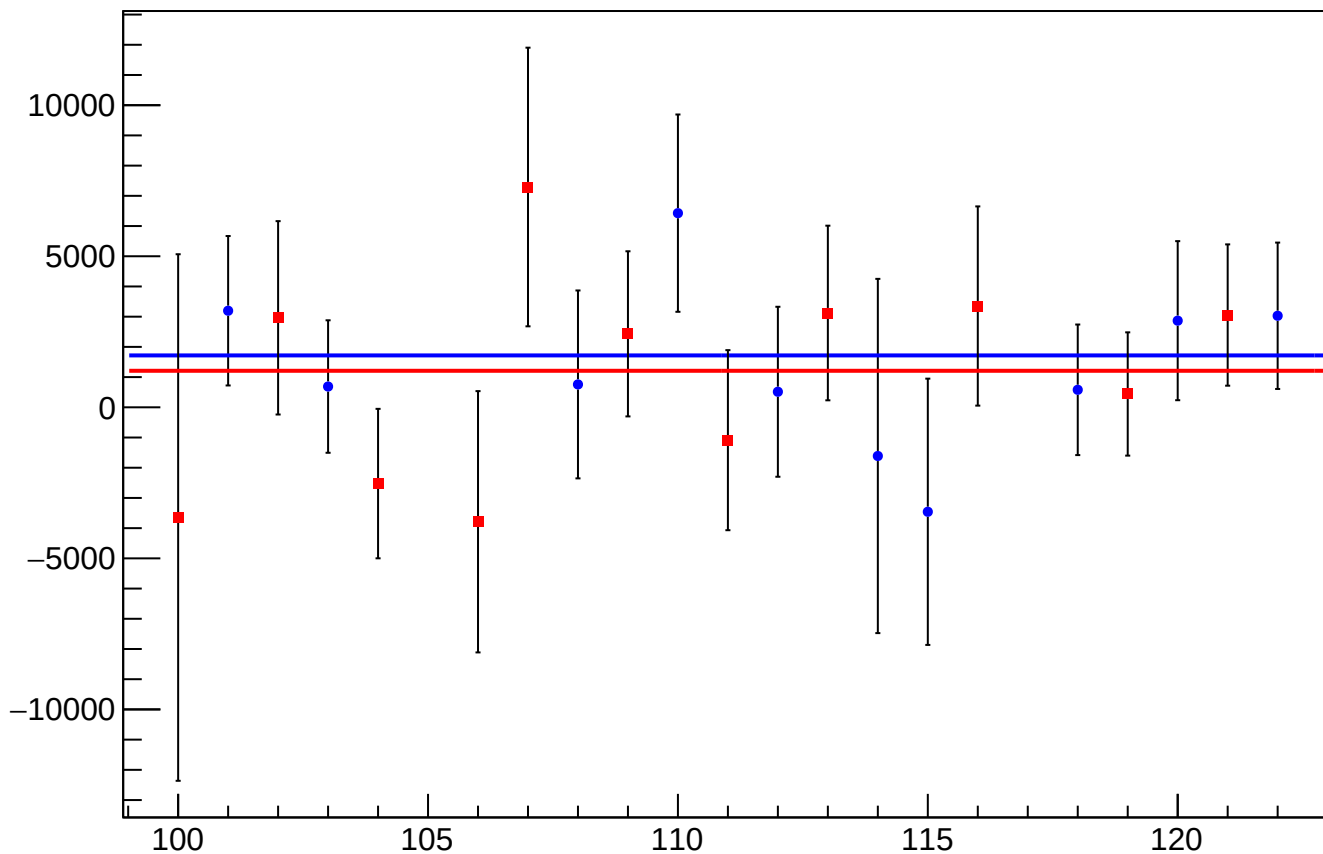
Right: 1328.841+/-0.402 χ^2/NDF : 6146277.8/21

In: 1536.233+/-0.668 χ^2/NDF : 2396937.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1328.841+/-0.402 χ^2/NDF : 6146277.8/21

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1717.756+/-875.575 χ^2/NDF : 5.4/9

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

Right Out: 1208.950+/-892.305 χ^2/NDF : 8.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

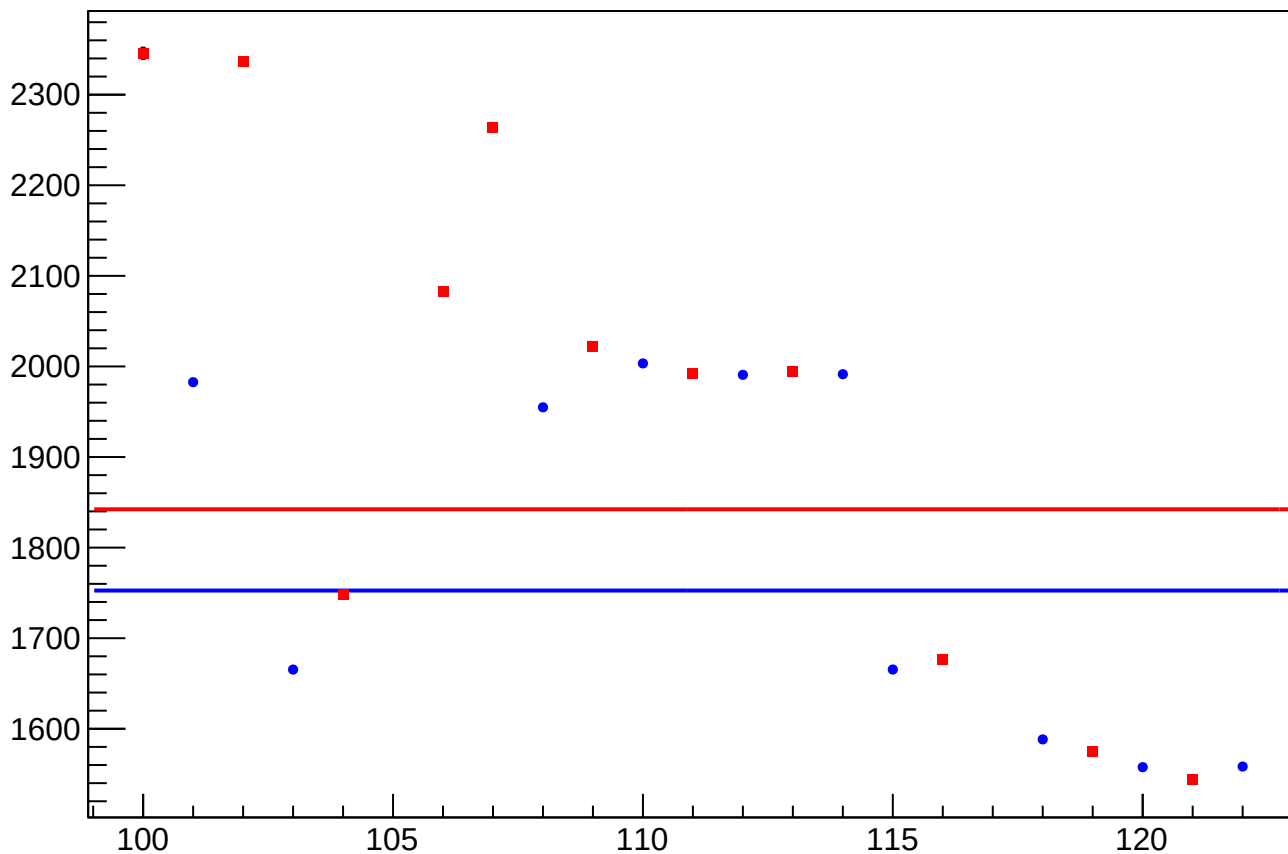
Right: 1468.167+/-624.956 χ^2/NDF : 13.9/20

In: 1717.756+/-875.575 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1468.167+/-624.956 χ^2/NDF : 13.9/20

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1752.613+/-0.619 χ^2/NDF : 94552.6/9

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

Right Out: 1842.288+/-0.628 χ^2/NDF : 172494.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

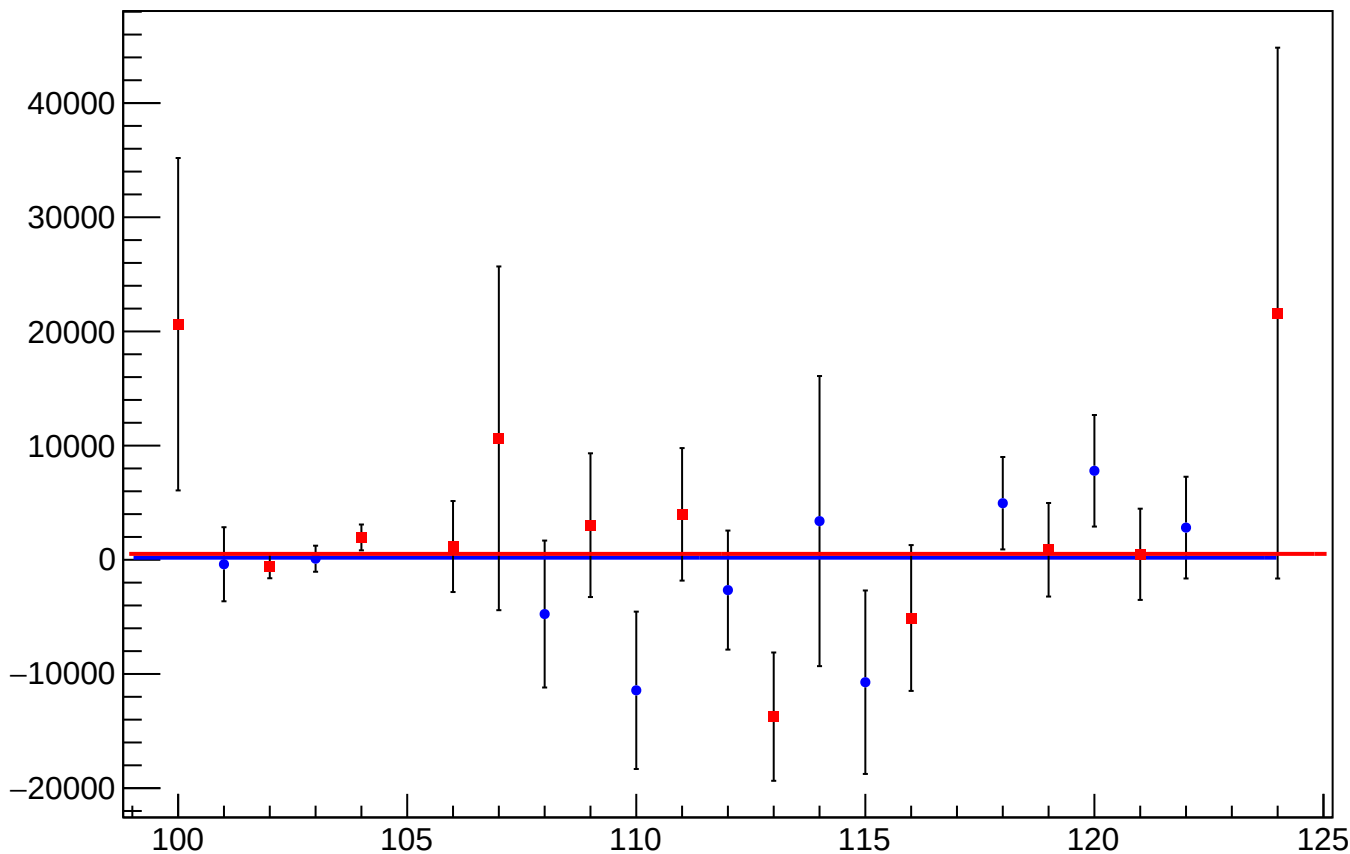
Right: 1796.788+/-0.441 χ^2/NDF : 277381.0/20

In: 1752.613+/-0.619 χ^2/NDF : 94552.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1796.788+/-0.441 χ^2/NDF : 277381.0/20

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 185.818+/-944.958 χ^2/NDF : 9.8/9

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

Right Out: 517.803+/-712.532 χ^2/NDF : 13.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

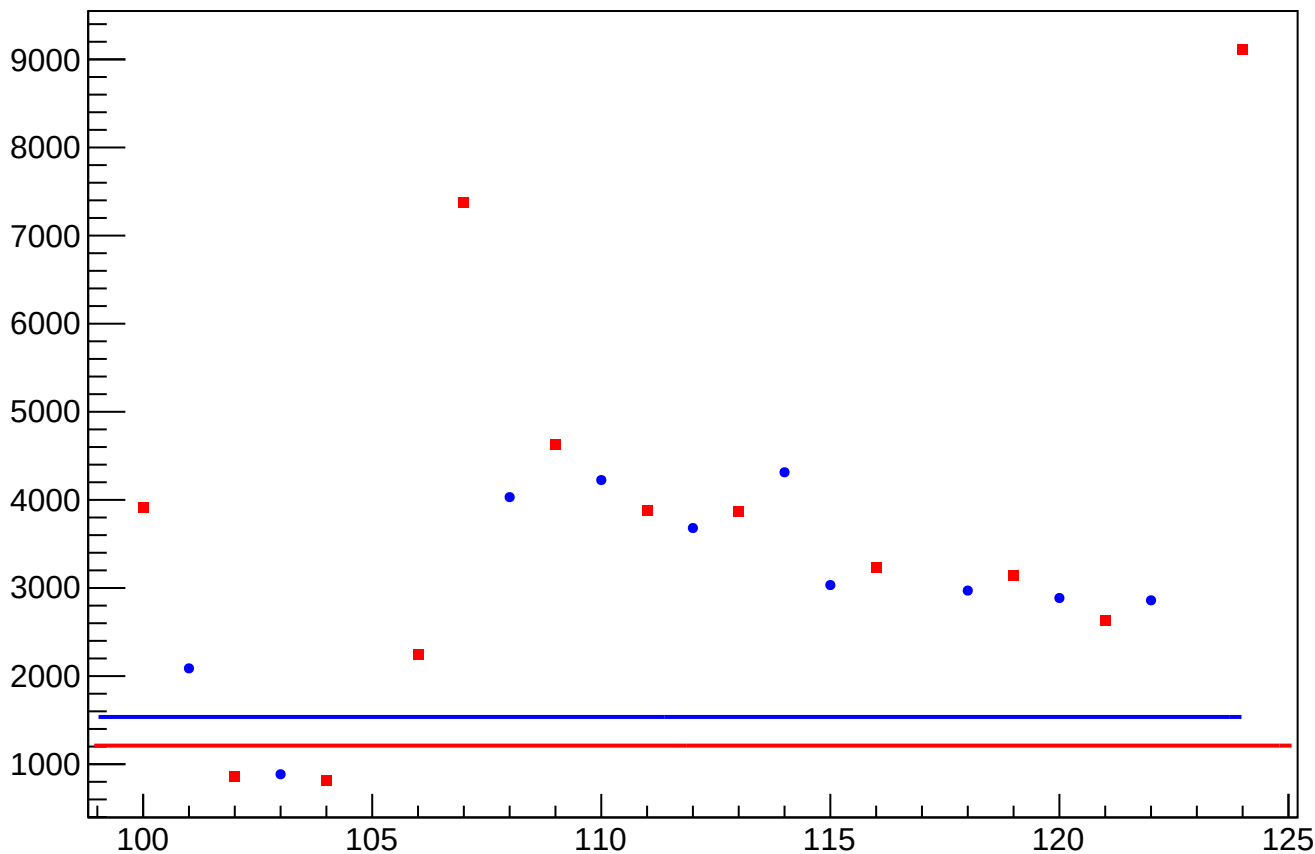
Right: 397.466+/-568.922 χ^2/NDF : 23.5/21

In: 185.818+/-944.958 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 397.466+/-568.922 χ^2/NDF : 23.5/21

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1536.218+/-0.668 χ^2/NDF : 2396950.1/9

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

Right Out: 1210.913+/-0.504 χ^2/NDF : 3598249.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

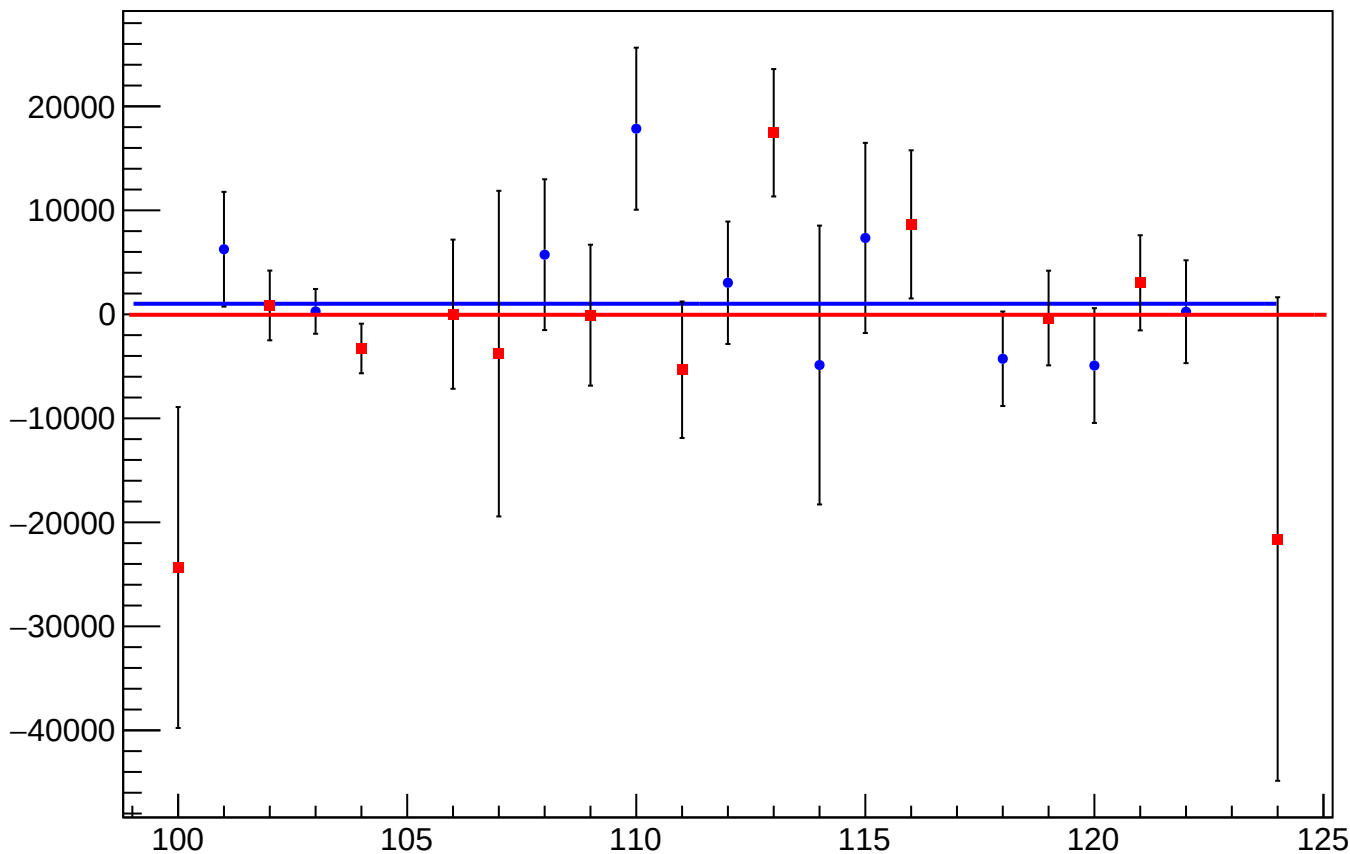
Right: 1328.828+/-0.402 χ^2/NDF : 6146306.8/21

In: 1536.218+/-0.668 χ^2/NDF : 2396950.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1328.828+/-0.402 χ^2/NDF : 6146306.8/21

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1017.342+/-1486.298 χ^2/NDF : 9.4/9

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

Right Out: -43.356+/-1440.643 χ^2/NDF : 16.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

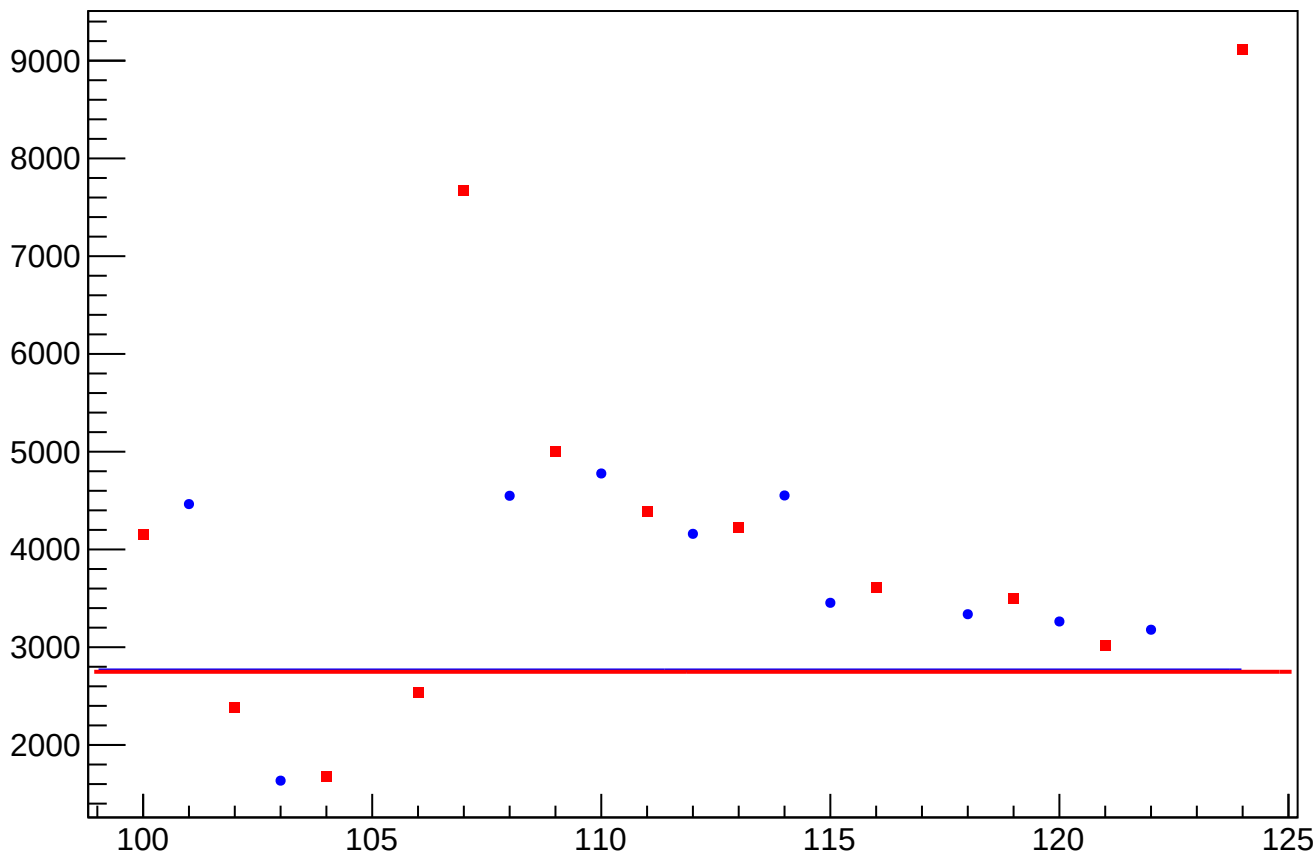
Right: 470.452+/-1034.452 χ^2/NDF : 25.8/21

In: 1017.342+/-1486.298 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.452+/-1034.452 χ^2/NDF : 25.8/21

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2762.113+/-1.051 χ^2/NDF : 1216603.0/9

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

Right Out: 2748.637+/-0.997 χ^2/NDF : 1349758.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

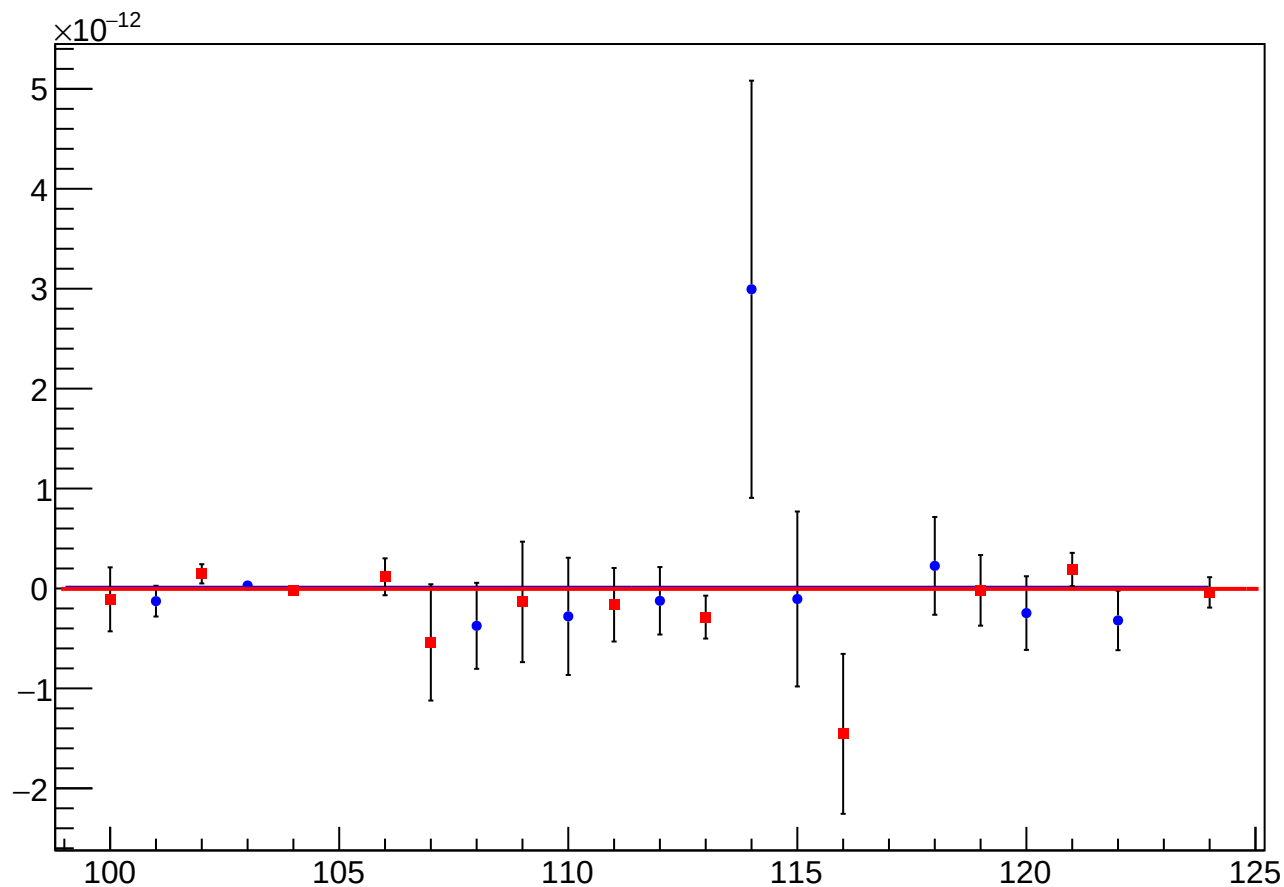
Right: 2755.023+/-0.723 χ^2/NDF : 2566448.2/21

In: 2762.113+/-1.051 χ^2/NDF : 1216603.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2755.023+/-0.723 χ^2/NDF : 2566448.2/21

asym_atl_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 : 10.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

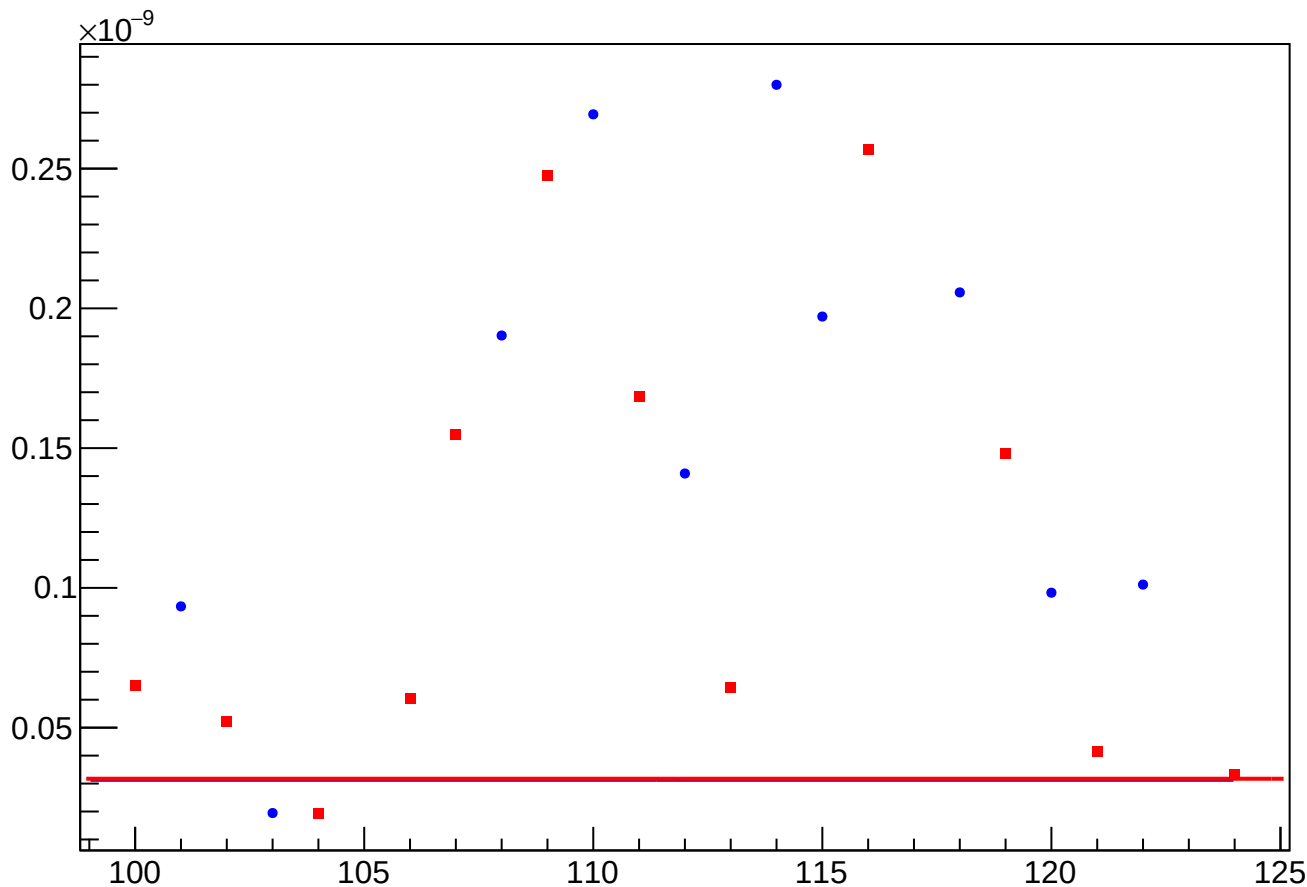
Right: 0.000+/-0.000 χ^2/NDF : 17.0/21

In: 0.000+/-0.000 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.0/21

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1844546.3/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1406072.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

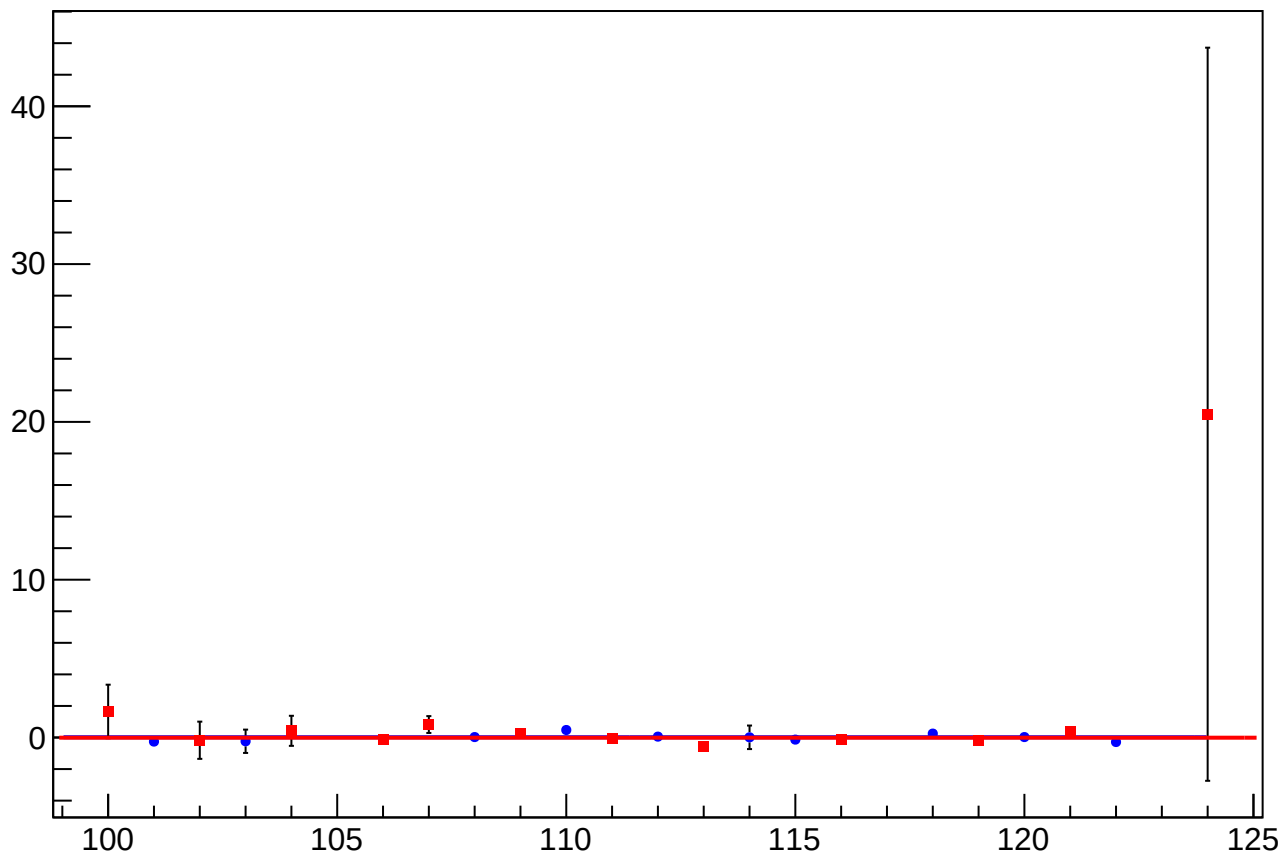
Right: 0.000+/-0.000 χ^2/NDF : 3250722.2/21

In: 0.000+/-0.000 χ^2/NDF : 1844546.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3250722.2/21

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.075 χ^2/NDF : 8.8/9

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

Right Out: -0.012+/-0.074 χ^2/NDF : 16.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

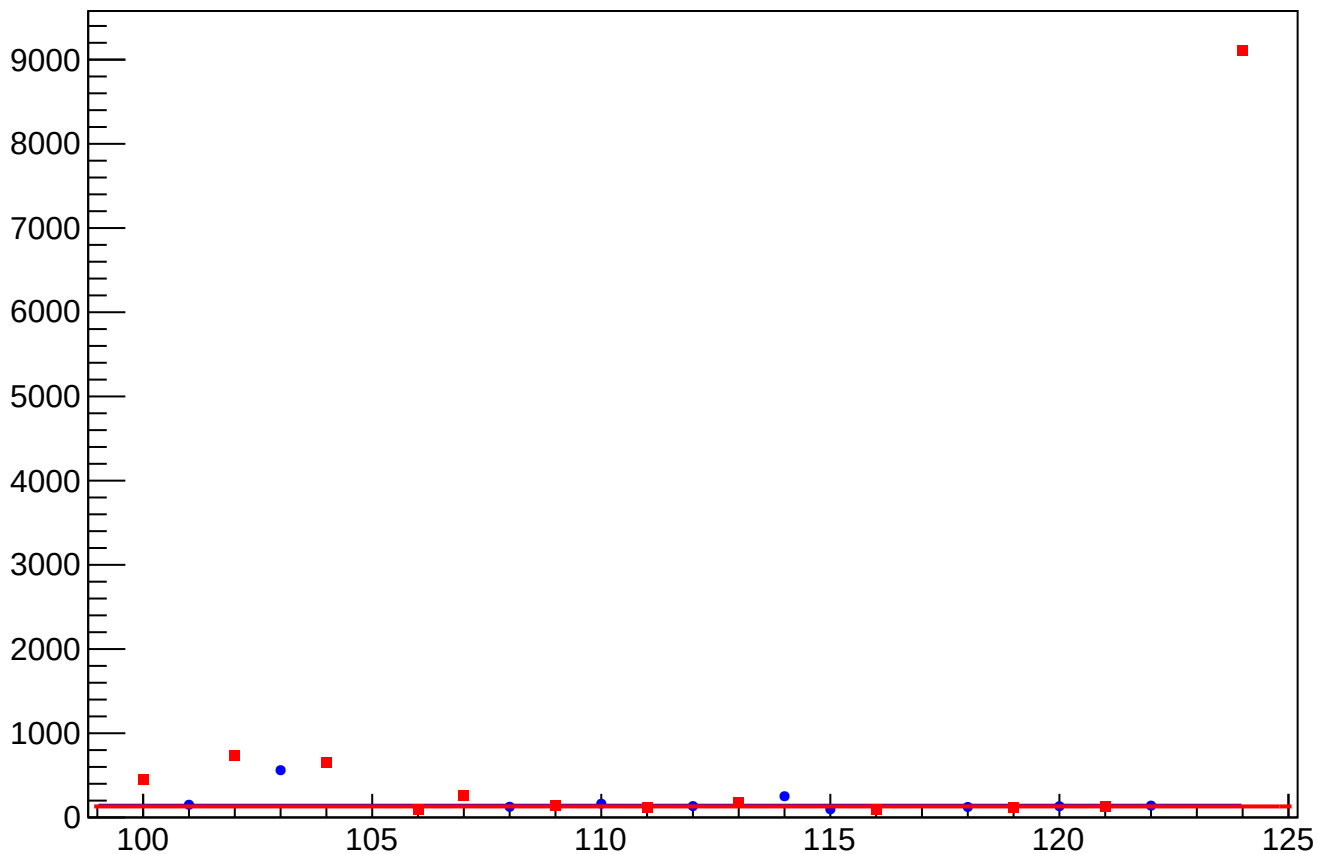
Right: 0.002+/-0.053 χ^2/NDF : 25.7/21

In: 0.017+/-0.075 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.053 χ^2/NDF : 25.7/21

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.174+/-0.053 χ^2/NDF : 793224.6/9

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

Right Out: 130.983+/-0.052 χ^2/NDF : 1798129.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

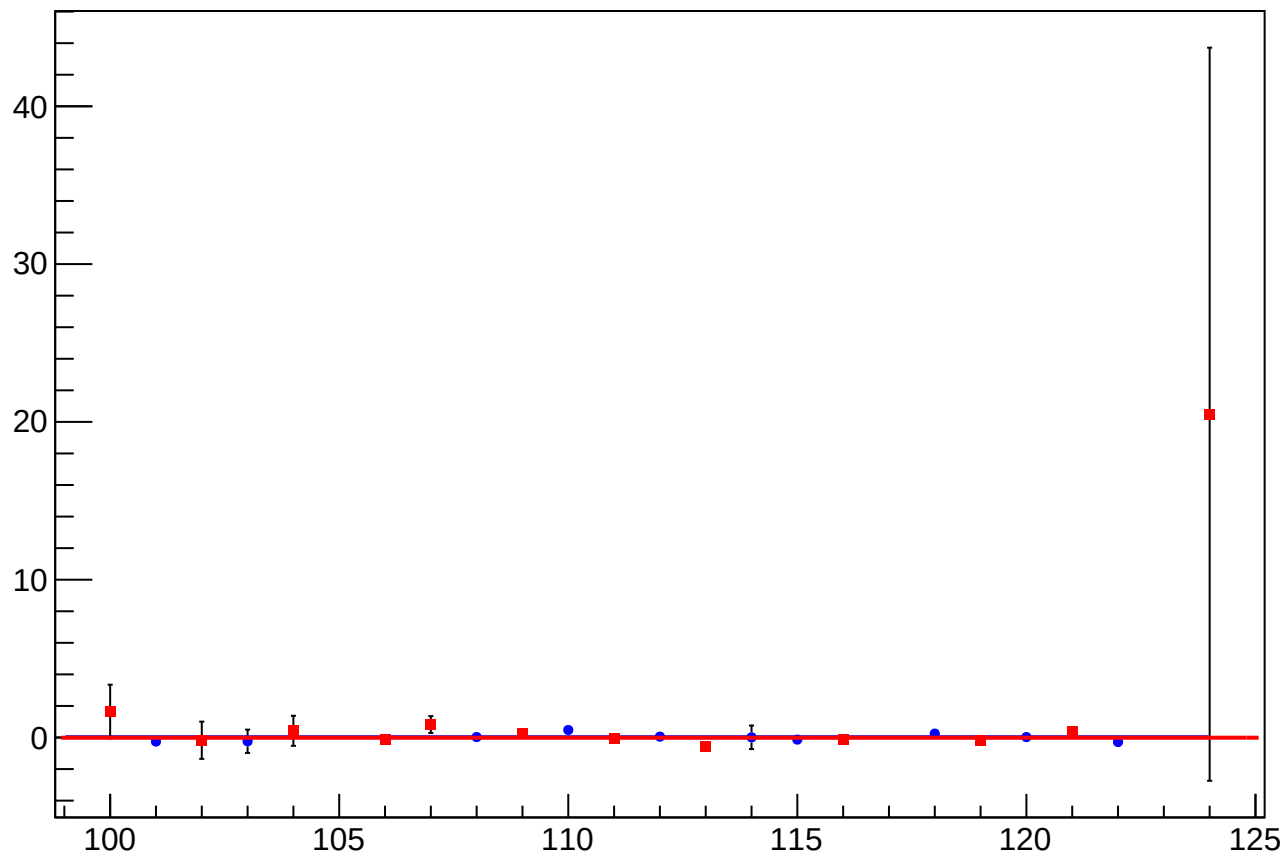
Right: 135.015+/-0.037 χ^2/NDF : 2603471.5/21

In: 139.174+/-0.053 χ^2/NDF : 793224.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.015+/-0.037 χ^2/NDF : 2603471.5/21

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.075 χ^2/NDF : 8.8/9

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

Right Out: -0.012+/-0.074 χ^2/NDF : 16.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

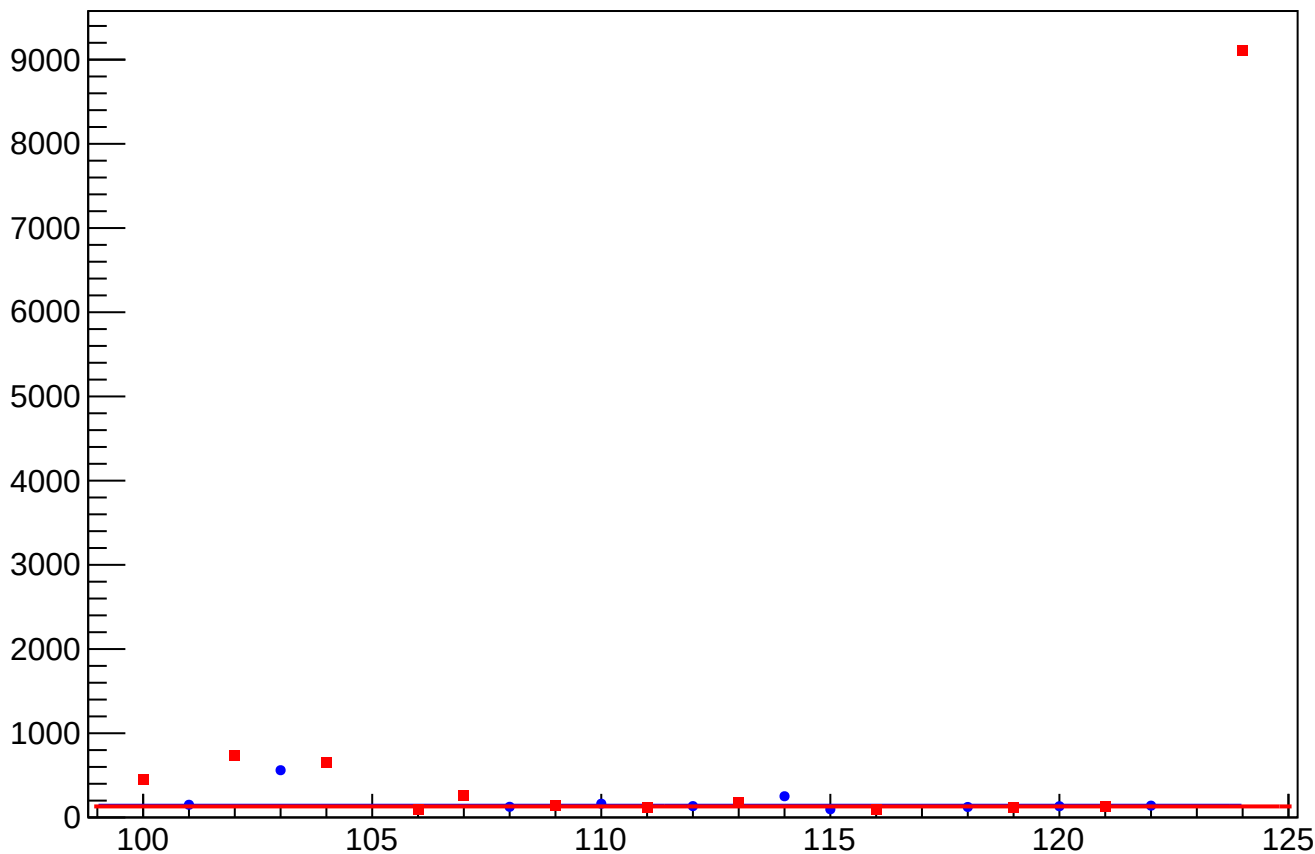
Right: 0.002+/-0.053 χ^2/NDF : 25.7/21

In: 0.017+/-0.075 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.053 χ^2/NDF : 25.7/21

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.174+/-0.053 χ^2/NDF : 793224.6/9

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

Right Out: 130.983+/-0.052 χ^2/NDF : 1798129.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

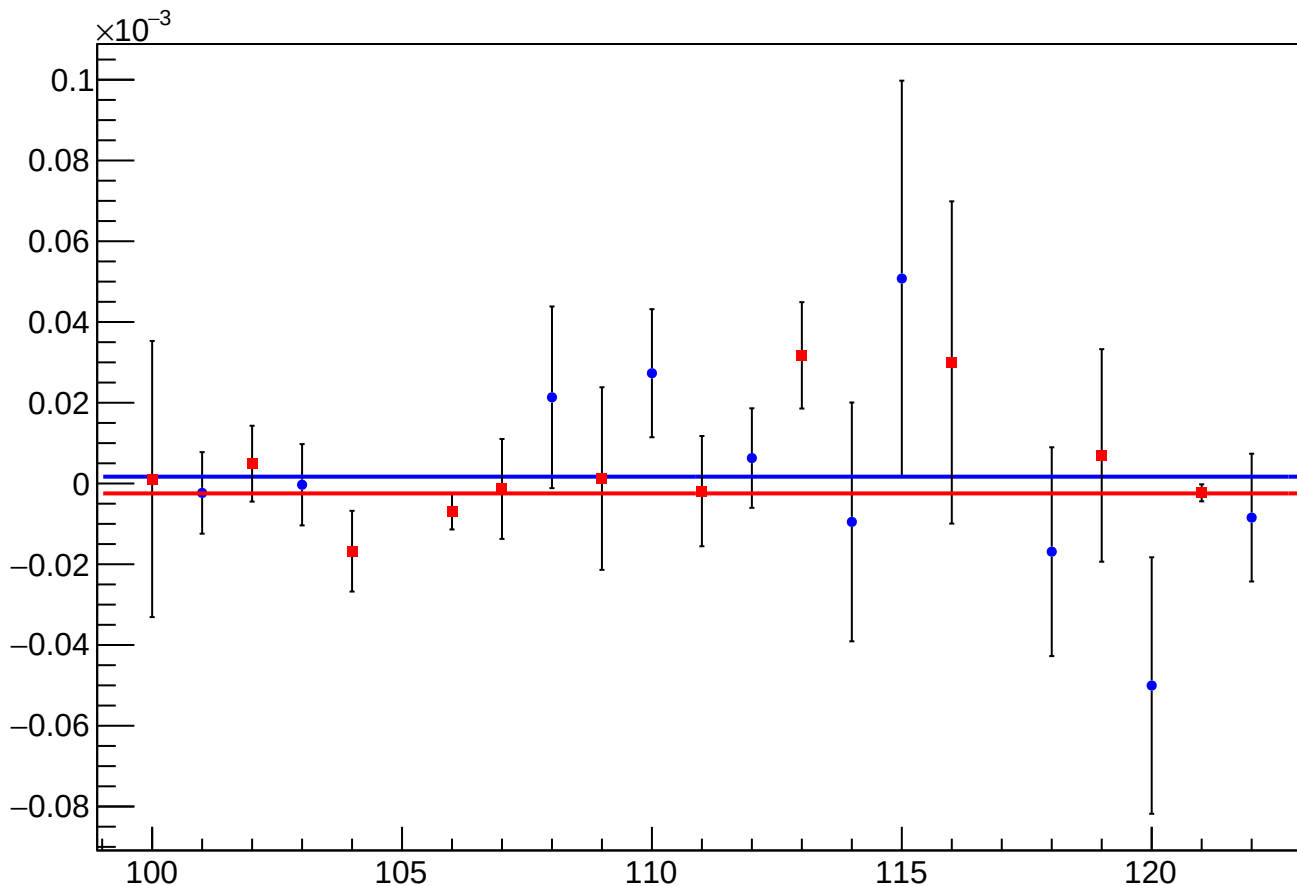
Right: 135.015+/-0.037 χ^2/NDF : 2603471.5/21

In: 139.174+/-0.053 χ^2/NDF : 793224.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.015+/-0.037 χ^2/NDF : 2603471.5/21

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.4/9

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/10

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

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

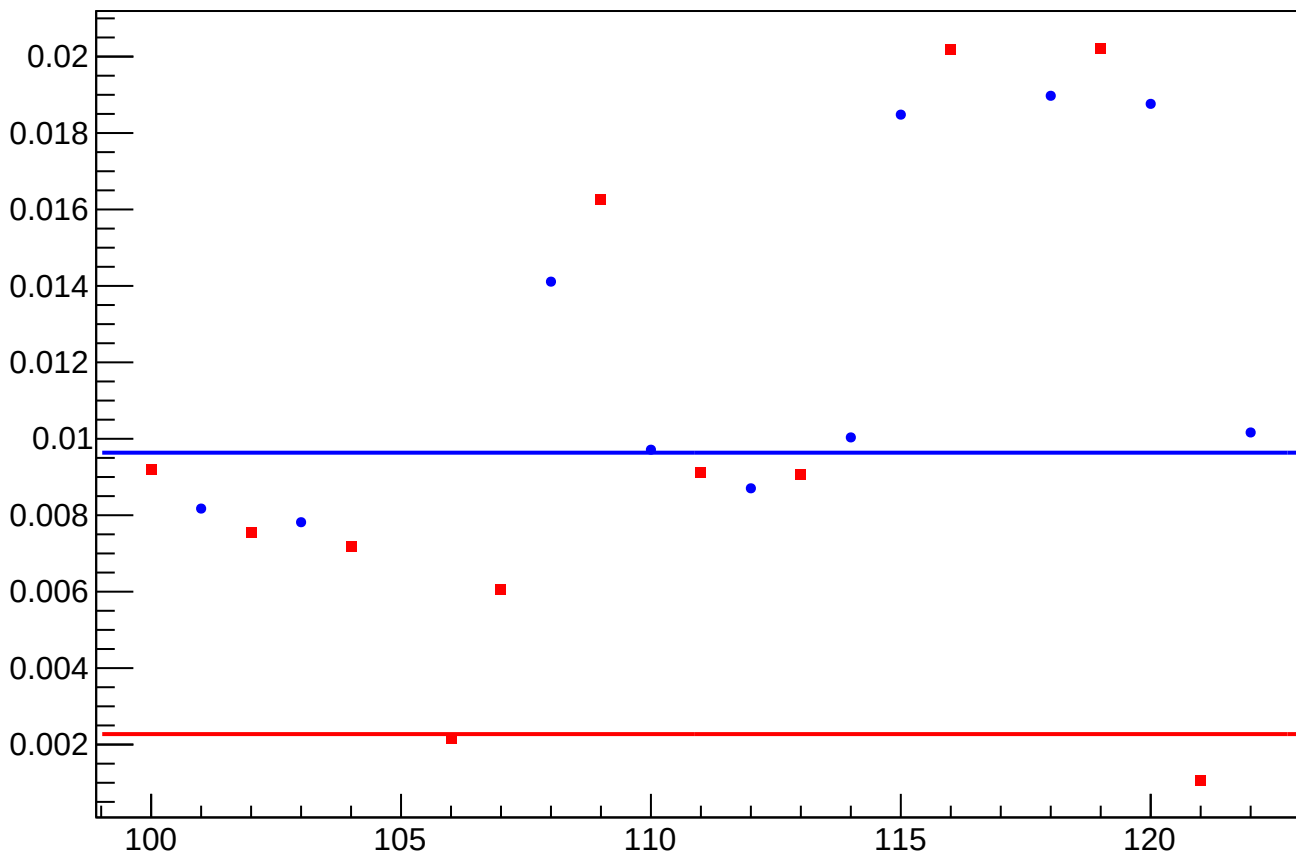
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.3/20

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.3/20

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 691426.4/9

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

Right Out: 0.002+/-0.000 χ^2/NDF : 5187302.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

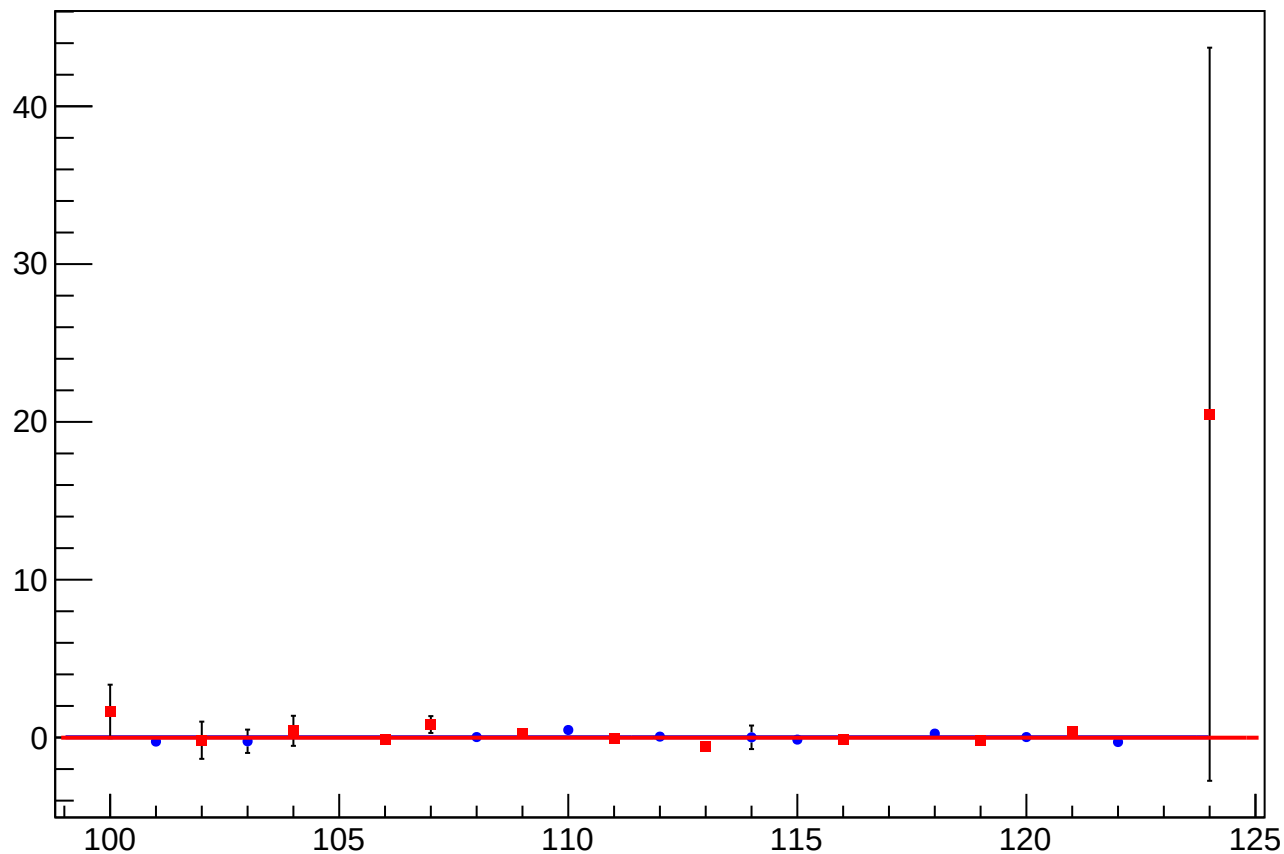
Right: 0.003+/-0.000 χ^2/NDF : 9752905.0/20

In: 0.010+/-0.000 χ^2/NDF : 691426.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9752905.0/20

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.075 χ^2/NDF : 8.8/9

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

Right Out: -0.012+/-0.074 χ^2/NDF : 16.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

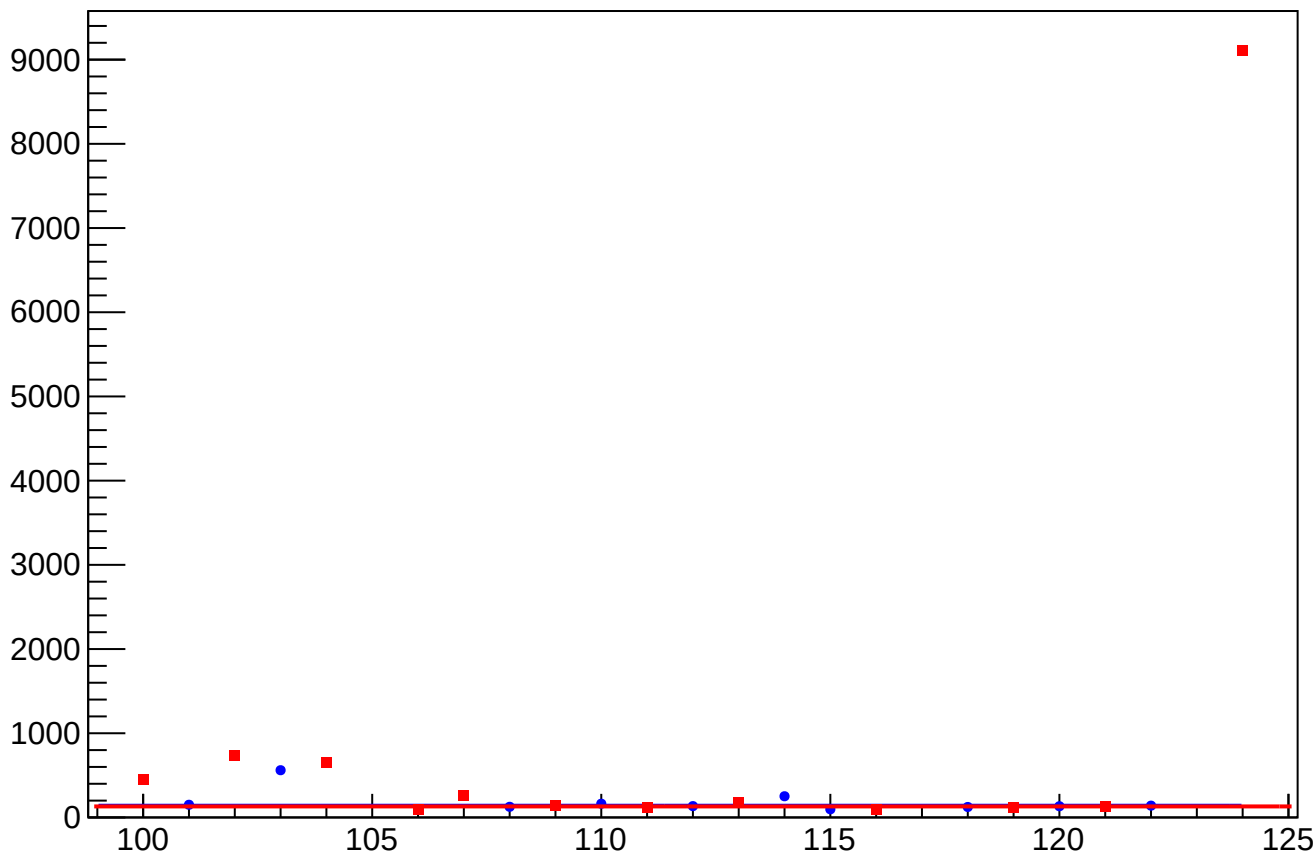
Right: 0.002+/-0.053 χ^2/NDF : 25.7/21

In: 0.017+/-0.075 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.053 χ^2/NDF : 25.7/21

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.173+/-0.053 χ^2/NDF : 793225.6/9

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

Right Out: 130.984+/-0.052 χ^2/NDF : 1798092.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

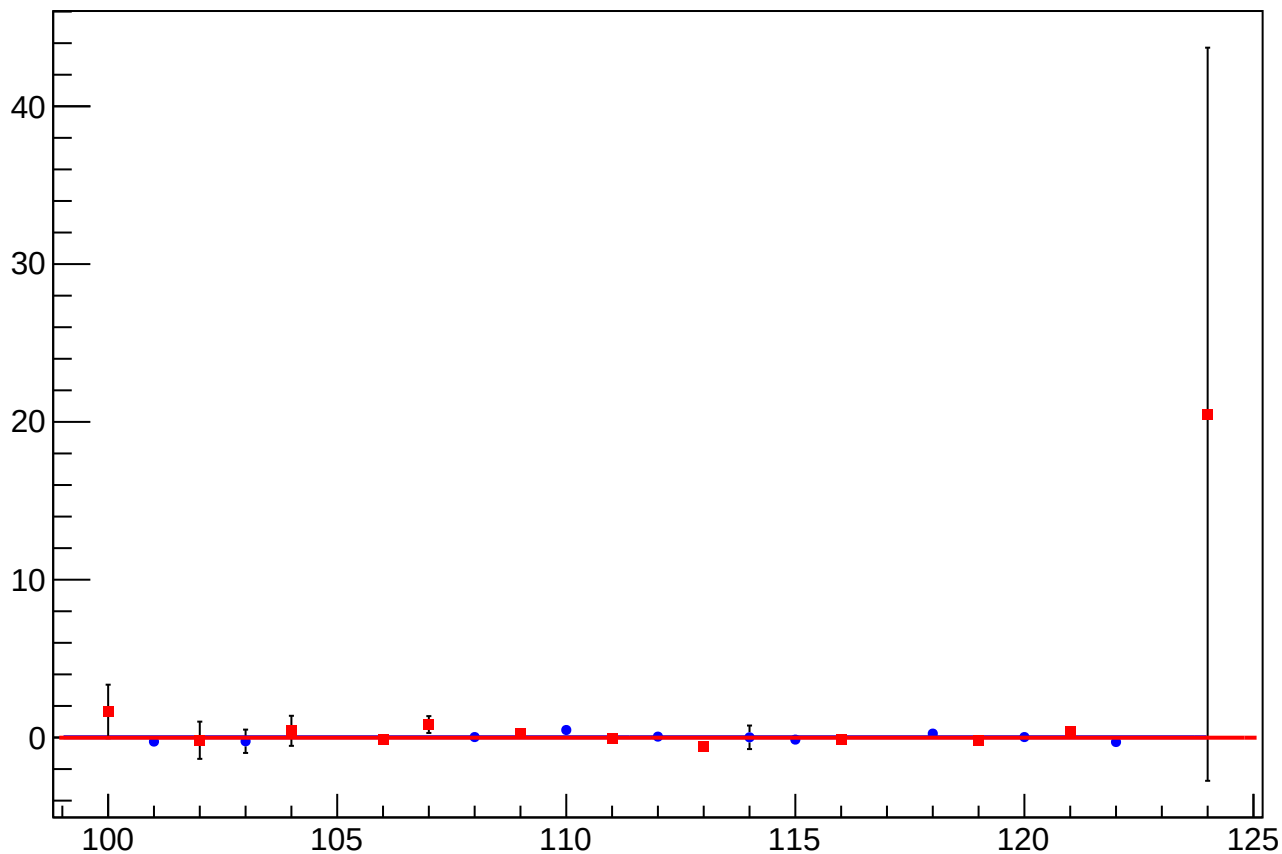
Right: 135.016+/-0.037 χ^2/NDF : 2603430.0/21

In: 139.173+/-0.053 χ^2/NDF : 793225.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.016+/-0.037 χ^2/NDF : 2603430.0/21

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.075 χ^2/NDF : 8.8/9

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

Right Out: -0.012+/-0.074 χ^2/NDF : 16.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

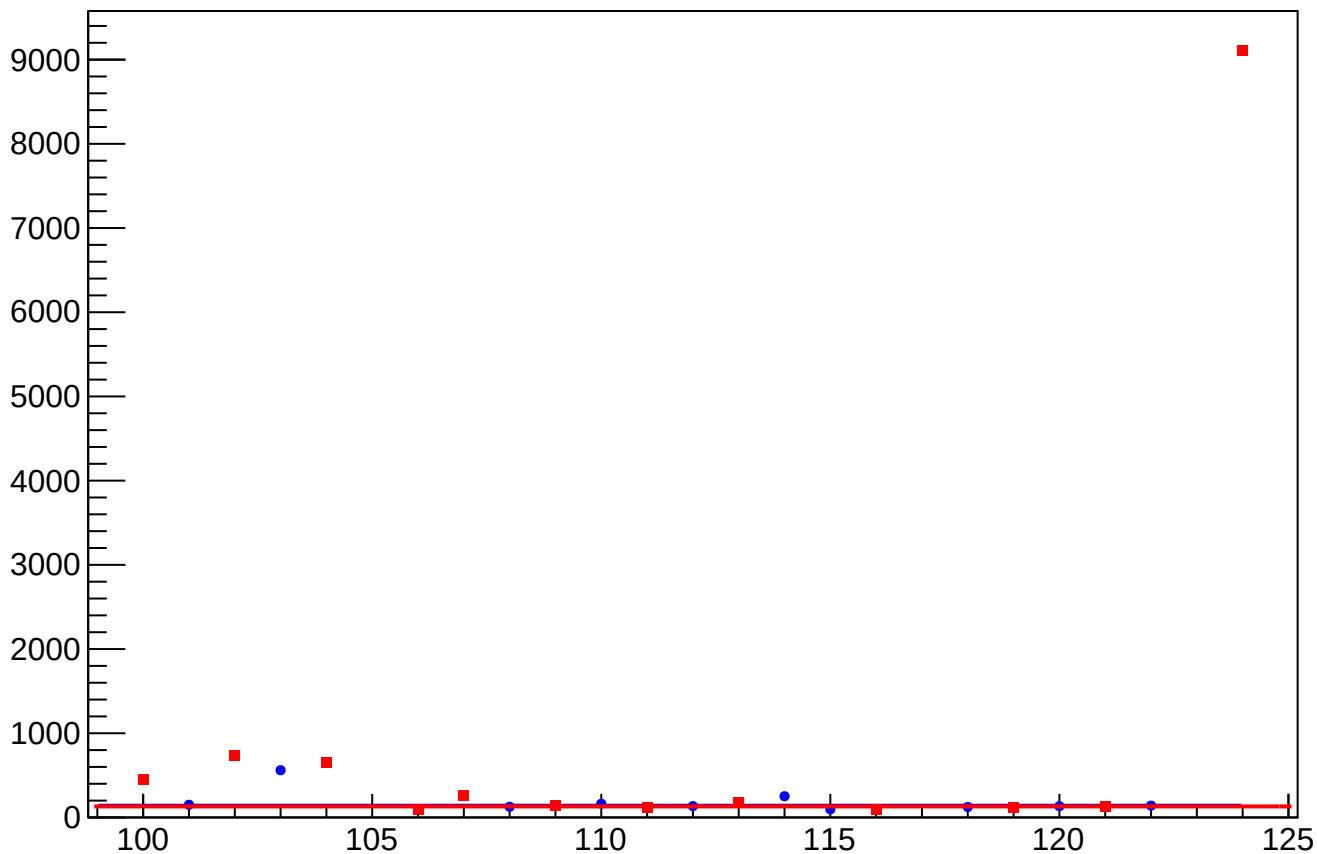
Right: 0.002+/-0.053 χ^2/NDF : 25.7/21

In: 0.017+/-0.075 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.053 χ^2/NDF : 25.7/21

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.173+/-0.053 χ^2/NDF : 793225.6/9

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

Right Out: 130.984+/-0.052 χ^2/NDF : 1798092.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

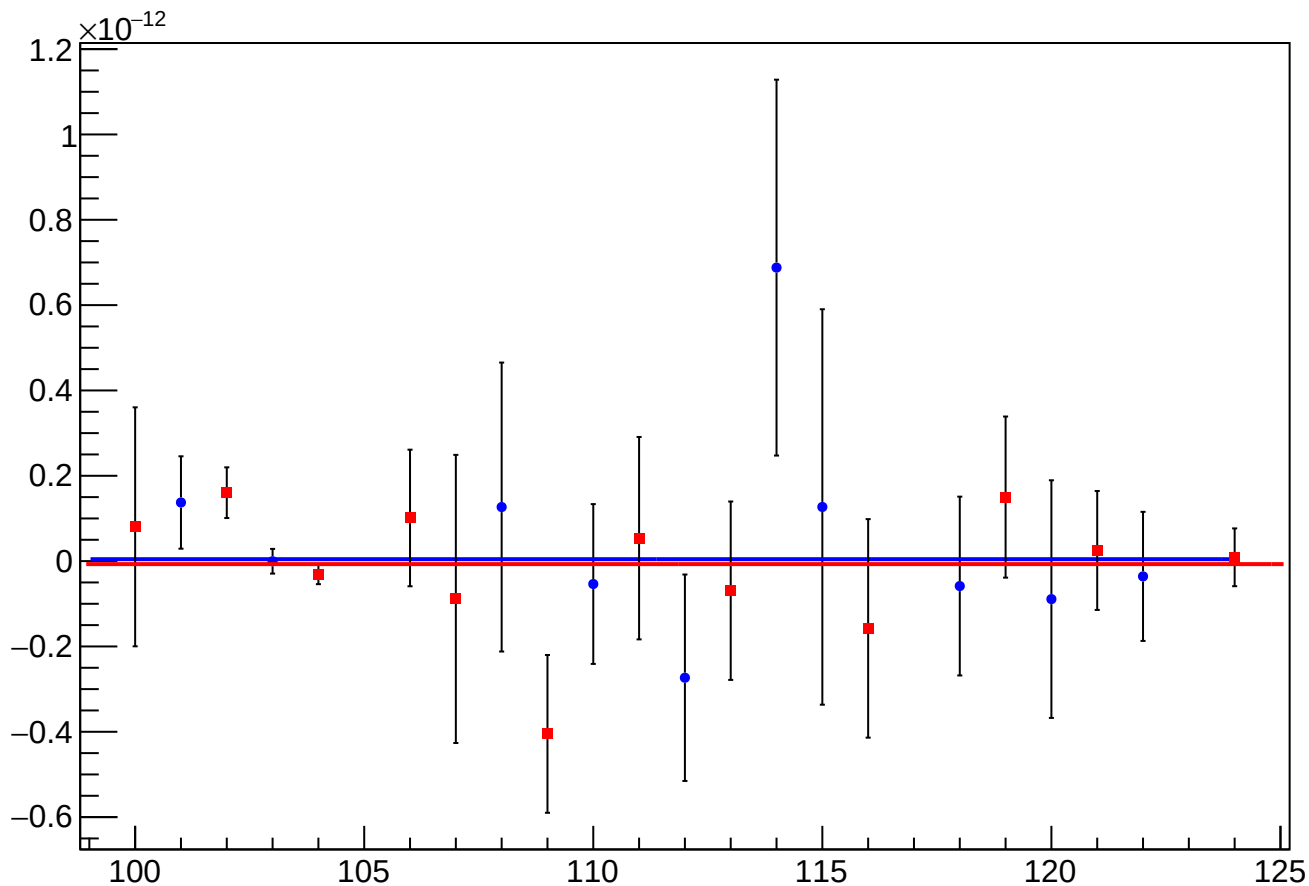
Right: 135.016+/-0.037 χ^2/NDF : 2603430.0/21

In: 139.173+/-0.053 χ^2/NDF : 793225.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.016+/-0.037 χ^2/NDF : 2603430.0/21

asym_atl_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 : 15.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

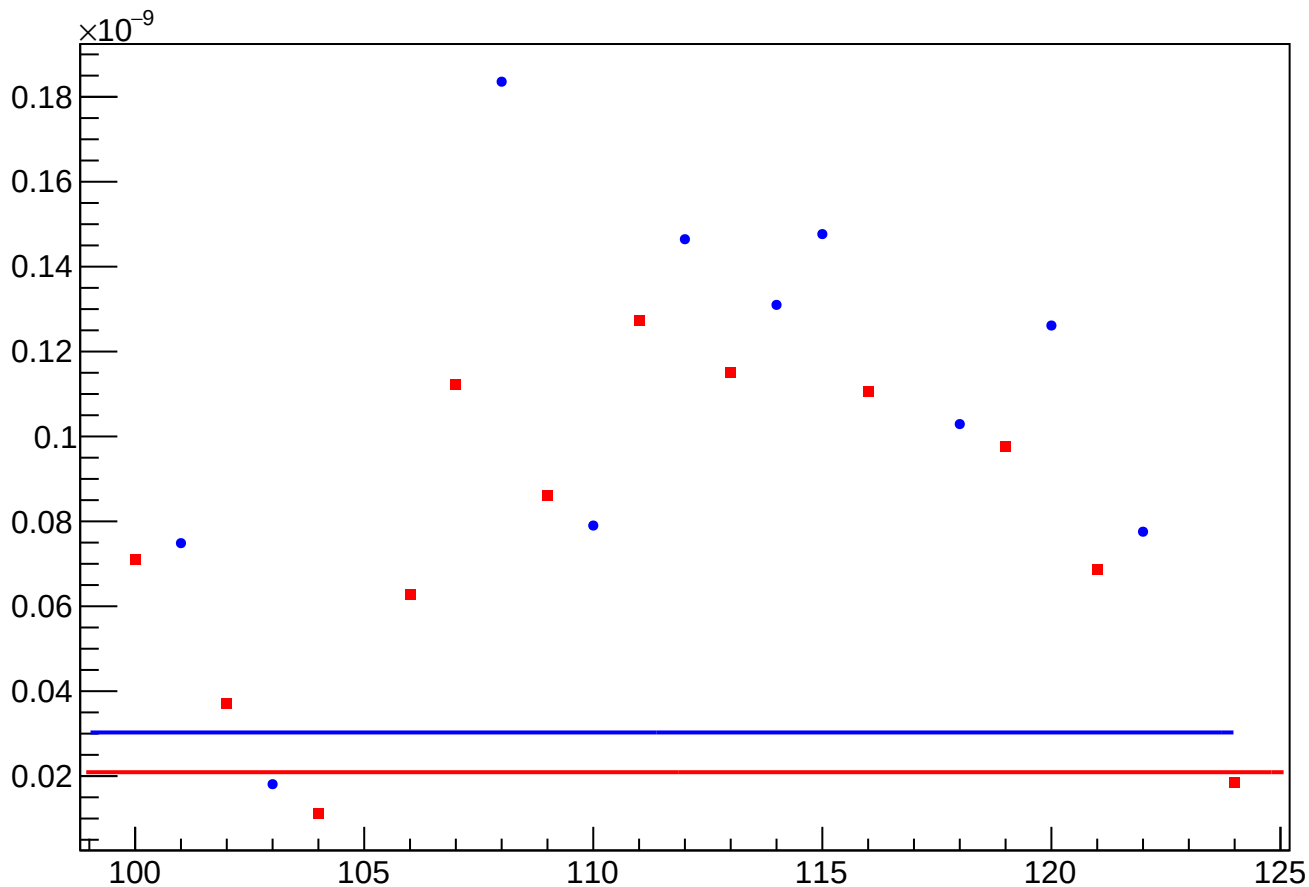
Right: -0.000+/-0.000 χ^2/NDF : 21.6/21

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 : 21.6/21

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2605720.3/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2737183.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

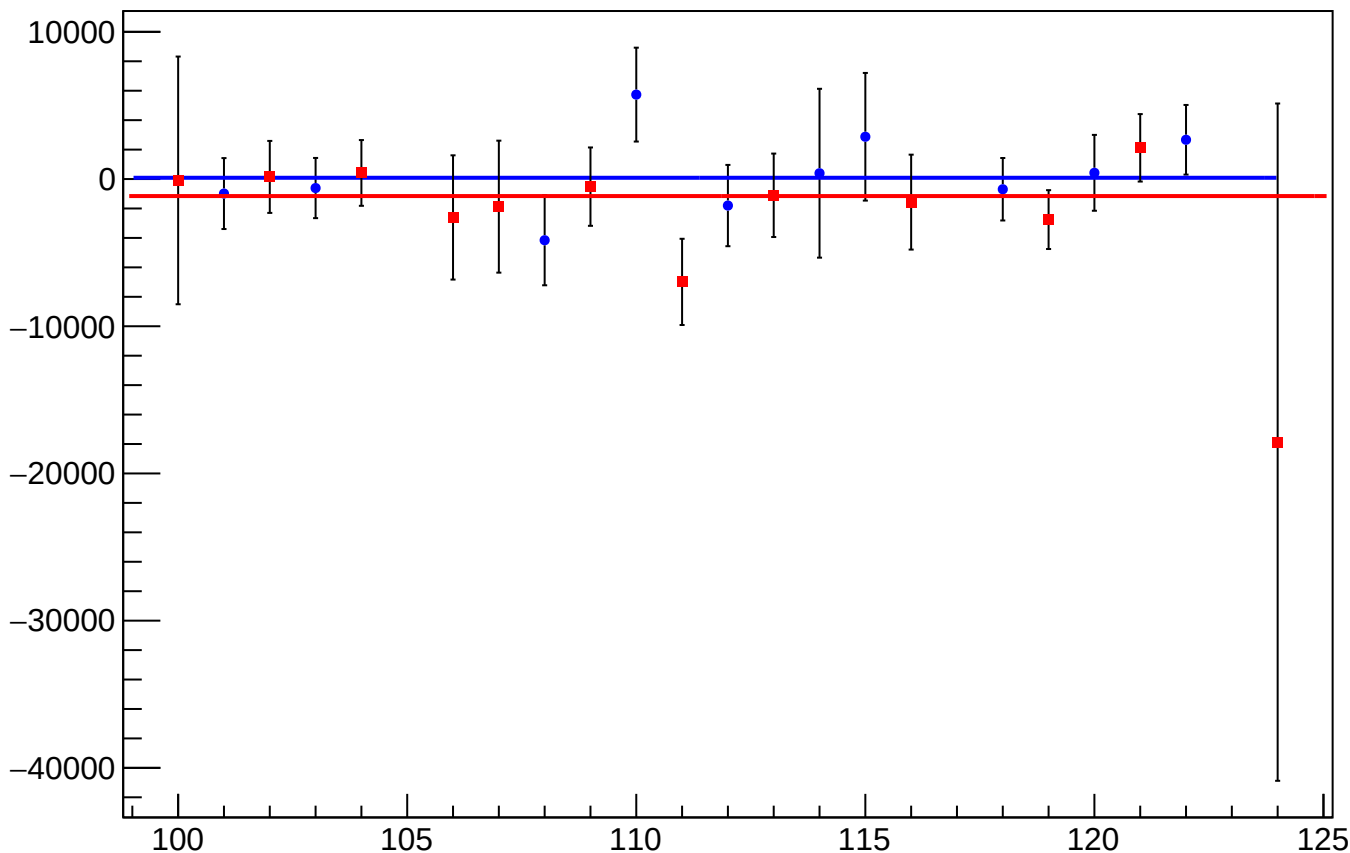
Right: 0.000+/-0.000 χ^2/NDF : 5505653.3/21

In: 0.000+/-0.000 χ^2/NDF :2605720.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5505653.3/21

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 86.398+/-850.420 χ^2/NDF : 7.6/9

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

Right Out: -1156.291+/-842.485 χ^2/NDF : 8.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

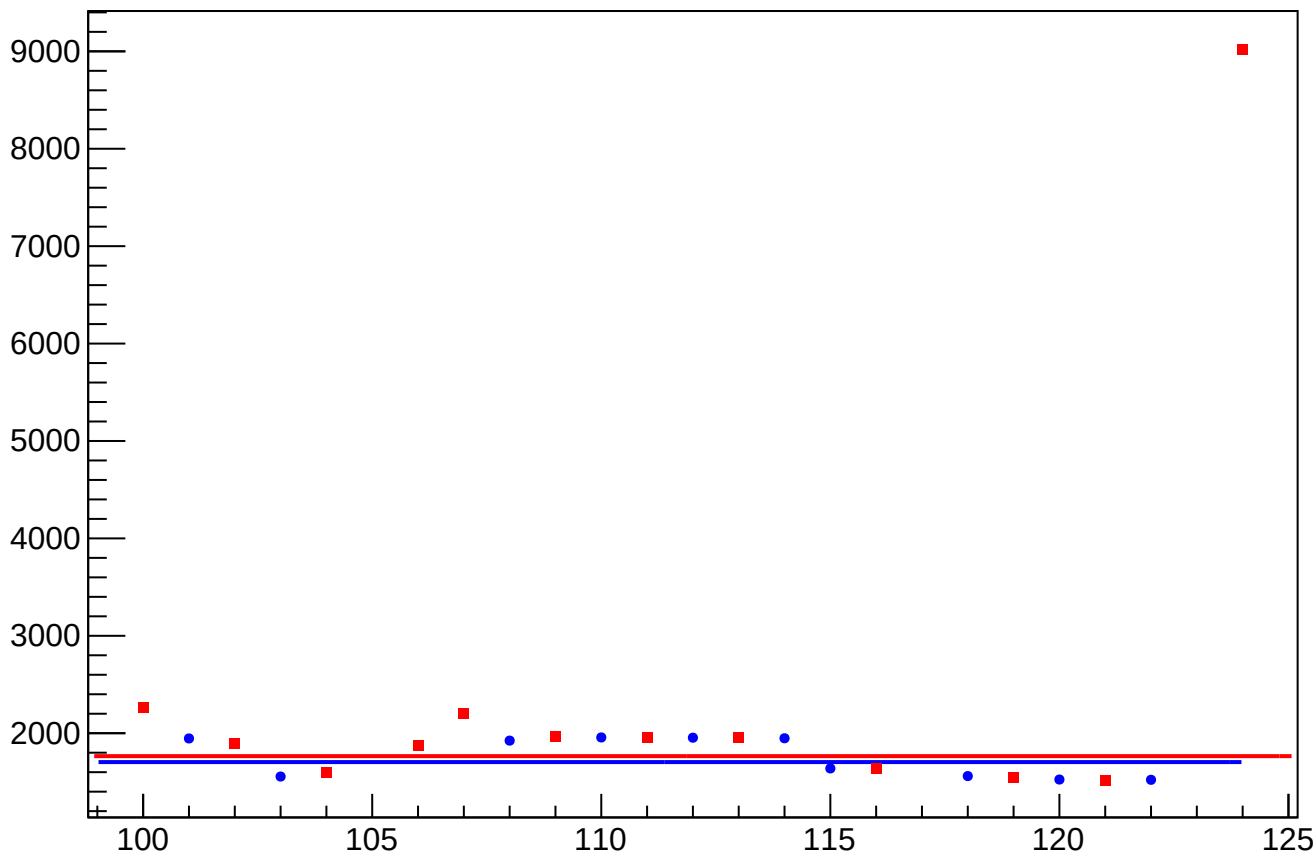
Right: -540.771+/-598.513 χ^2/NDF : 16.9/21

In: 86.398+/-850.420 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.771+/-598.513 χ^2/NDF : 16.9/21

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1703.659+/-0.601 χ^2/NDF : 104976.9/9

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

Right Out: 1764.574+/-0.591 χ^2/NDF : 325829.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

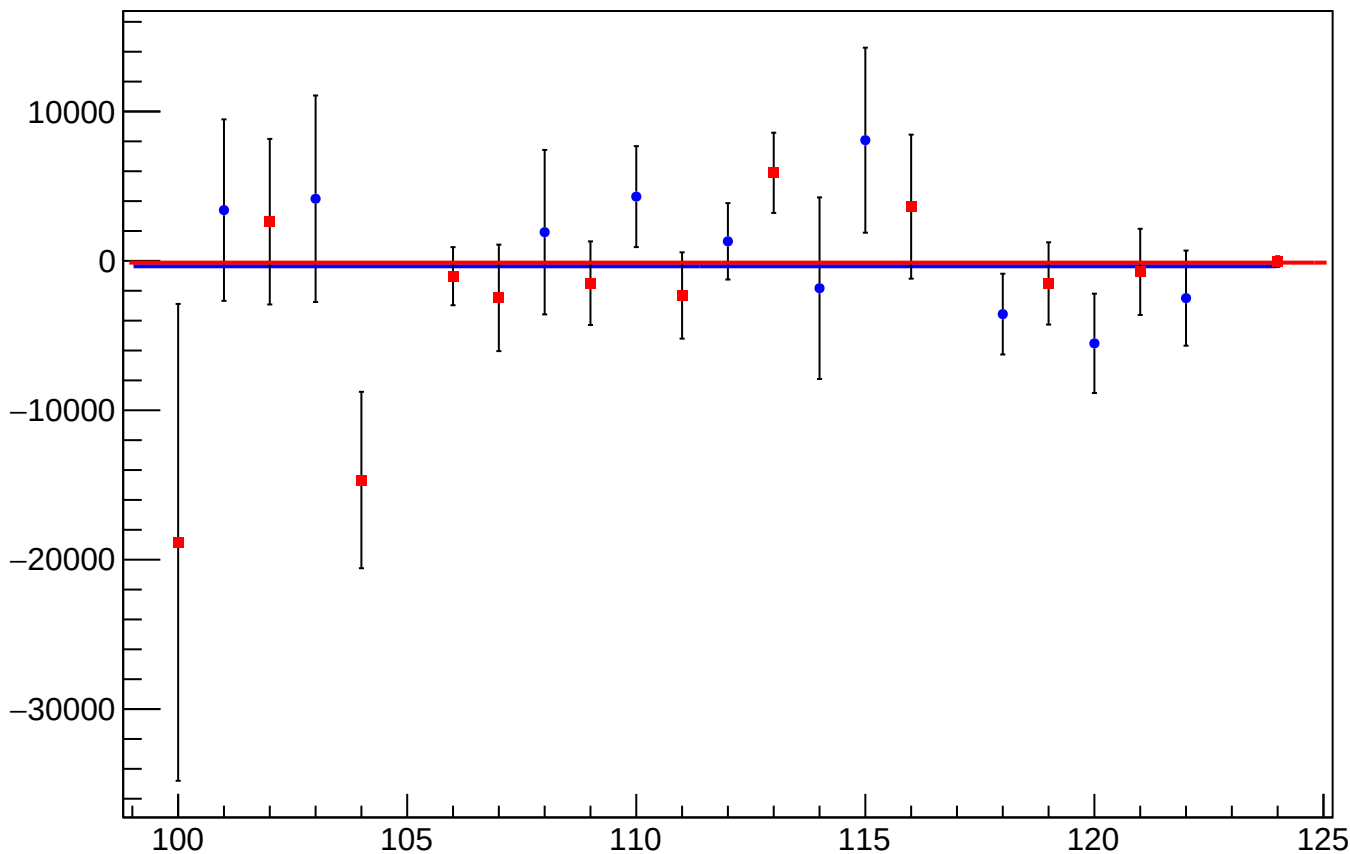
Right: 1734.649+/-0.421 χ^2/NDF : 436026.9/21

In: 1703.659+/-0.601 χ^2/NDF : 104976.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1734.649+/-0.421 χ^2/NDF : 436026.9/21

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -360.698 ± 1194.550 χ^2/NDF : 9.5/9

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

Right Out: -116.860 ± 330.020 χ^2/NDF : 15.1/11

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

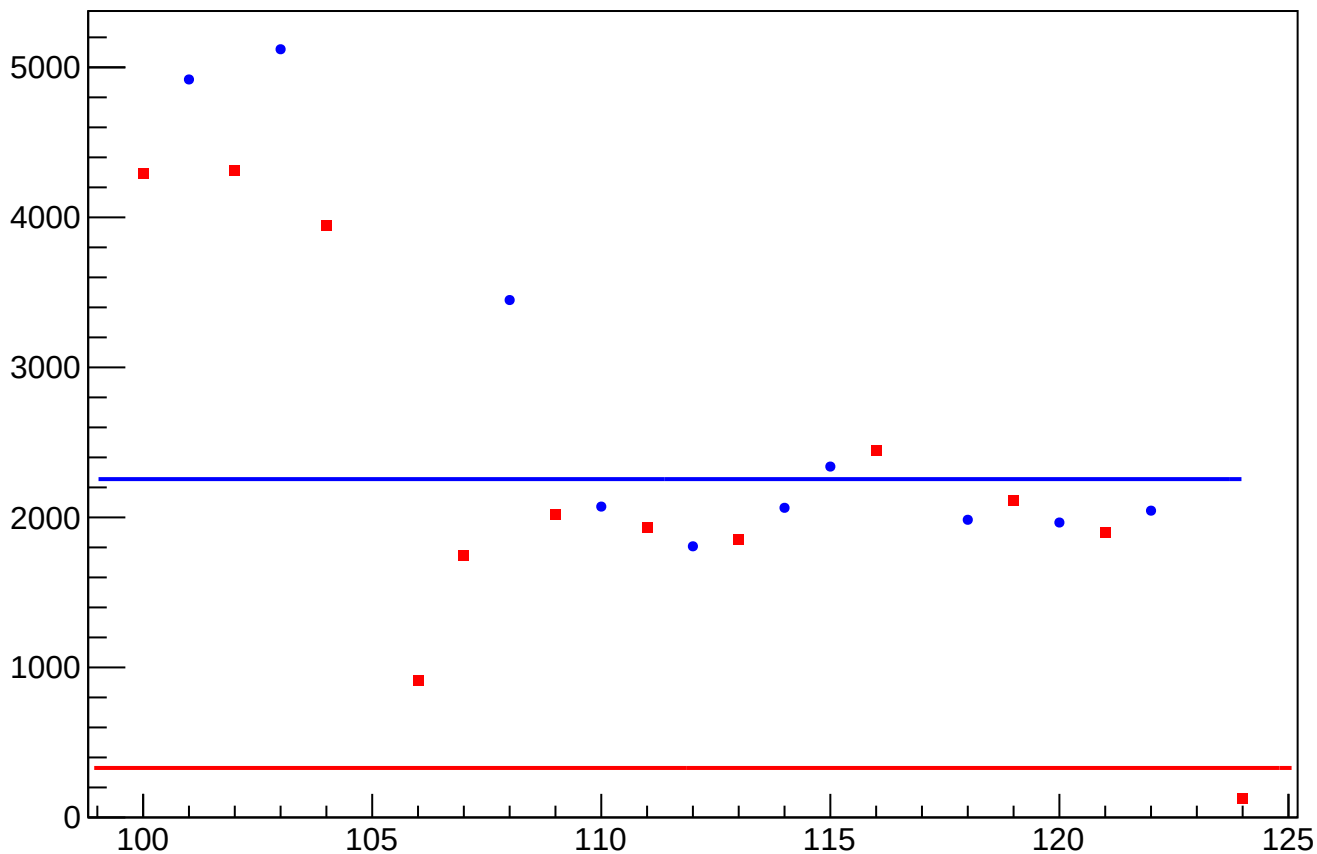
Right: -134.151 ± 318.104 χ^2/NDF : 24.7/21

In: -360.698 ± 1194.550 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -134.151 ± 318.104 χ^2/NDF : 24.7/21

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2255.298+/-0.845 χ^2/NDF : 935994.2/9

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

Right Out: 329.929+/-0.233 χ^2/NDF : 6875485.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

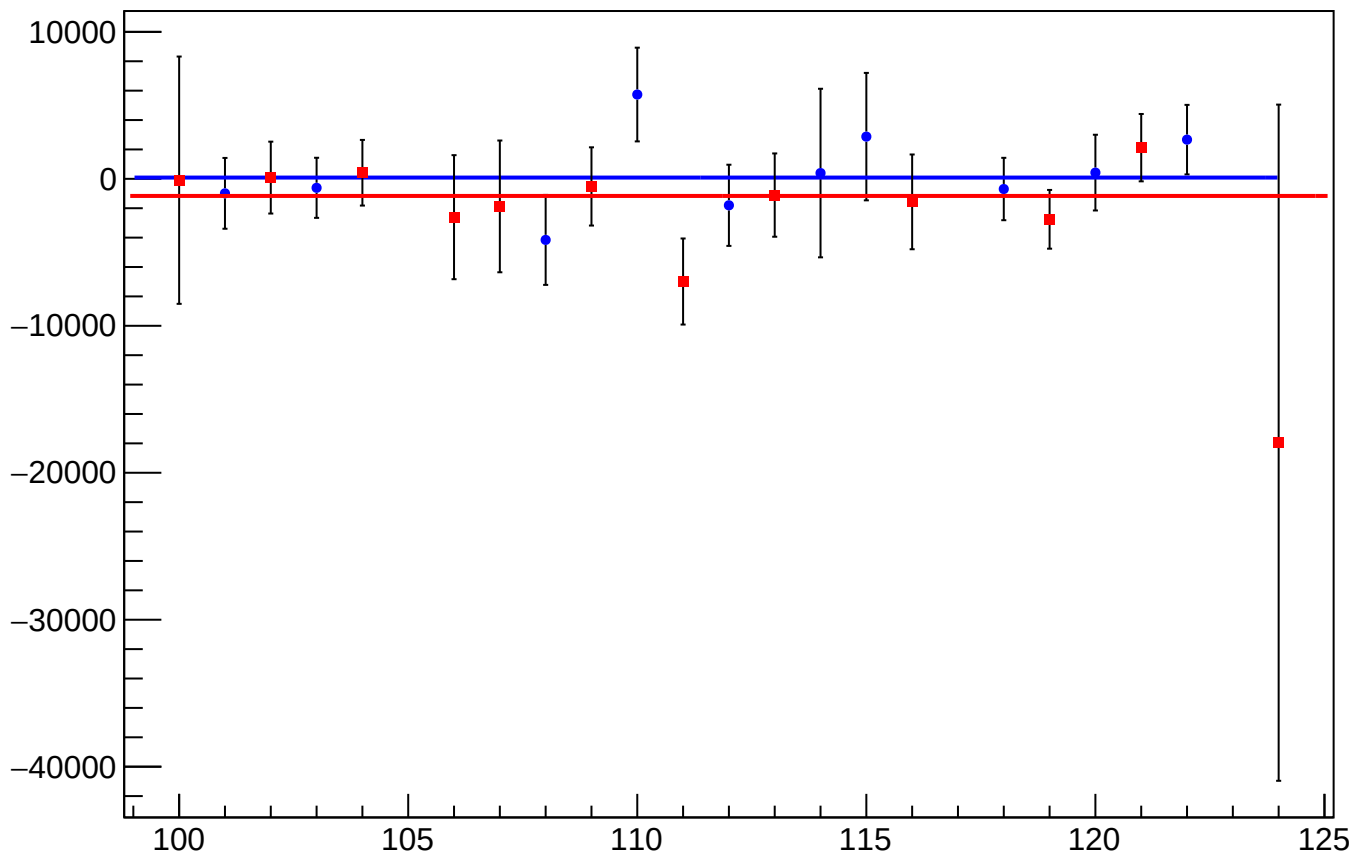
Right: 466.464+/-0.225 χ^2/NDF : 12638792.6/21

In: 2255.298+/-0.845 χ^2/NDF : 935994.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.464+/-0.225 χ^2/NDF : 12638792.6/21

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 86.183+/-850.421 χ^2 /NDF: 7.6/9

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

Right Out: -1163.911+/-842.500 χ^2 /NDF: 8.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

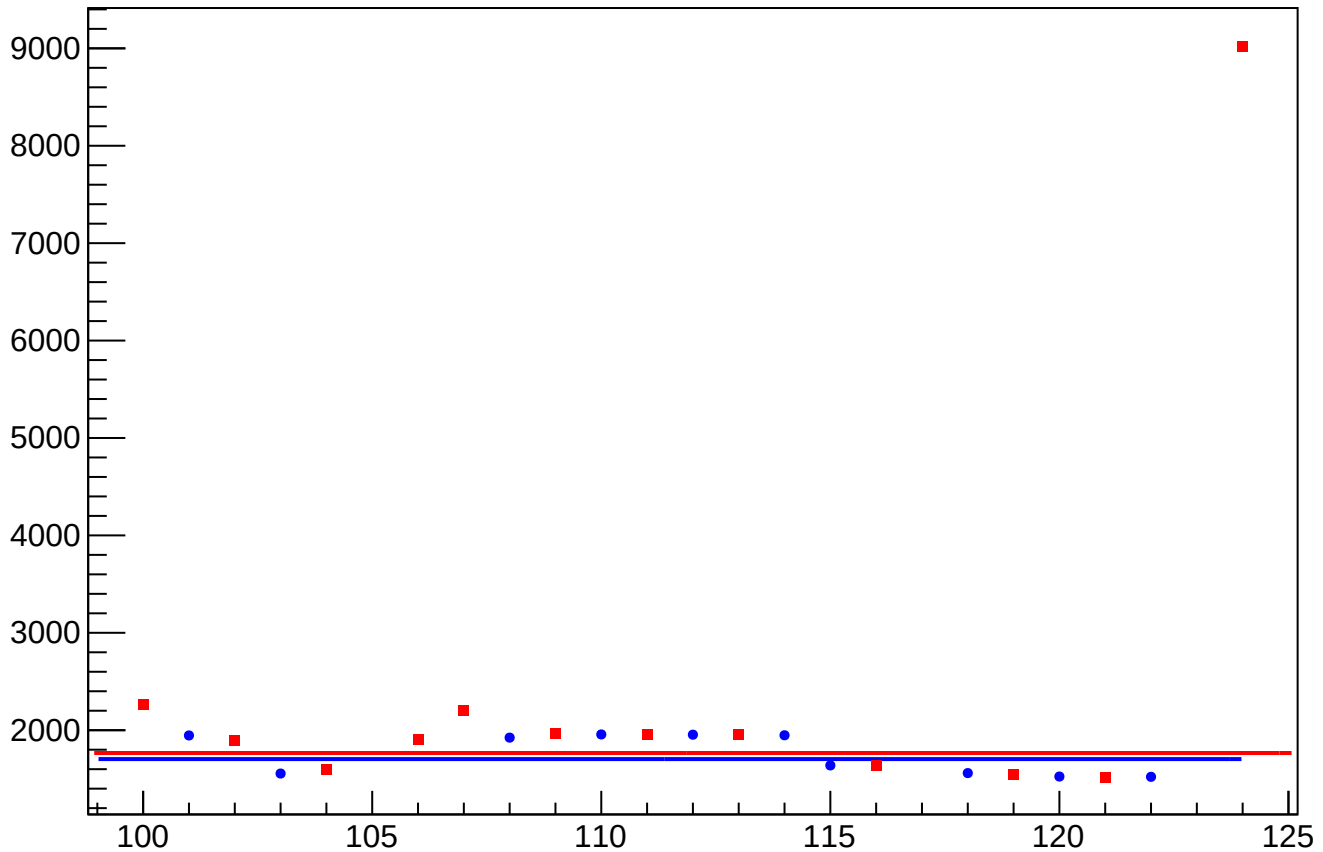
Right: -544.712+/-598.518 χ^2 /NDF: 16.9/21

In: 86.183+/-850.421 χ^2 /NDF:7.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -544.712+/-598.518 χ^2 /NDF: 16.9/21

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1703.659+/-0.601 χ^2/NDF : 104977.0/9

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

Right Out: 1766.084+/-0.591 χ^2/NDF : 327012.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

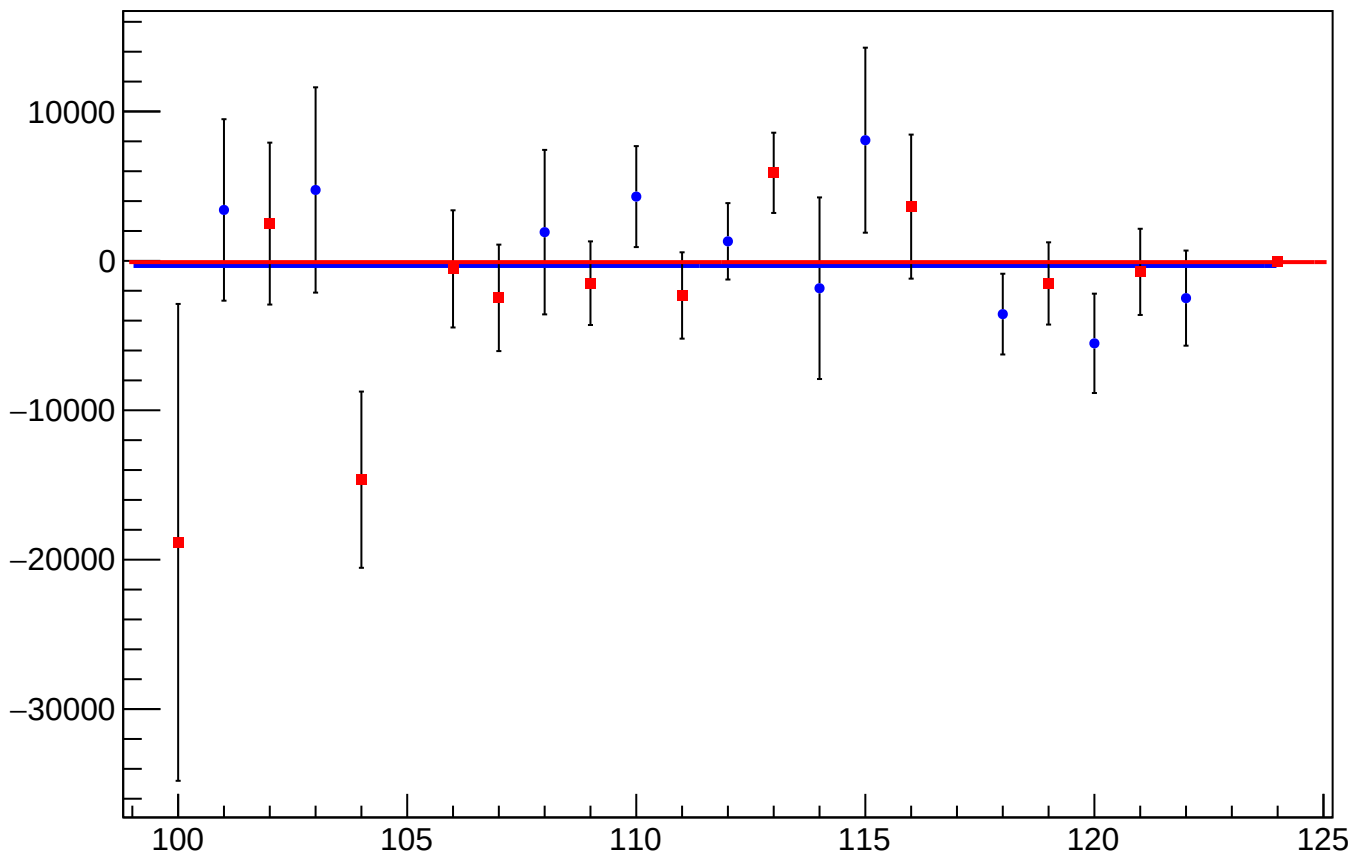
Right: 1735.391+/-0.422 χ^2/NDF : 437467.1/21

In: 1703.659+/-0.601 χ^2/NDF : 104977.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.391+/-0.422 χ^2/NDF : 437467.1/21

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -341.083 ± 1194.322 χ^2/NDF : 9.6/9

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

Right Out: -82.710 ± 321.601 χ^2/NDF : 14.9/11

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

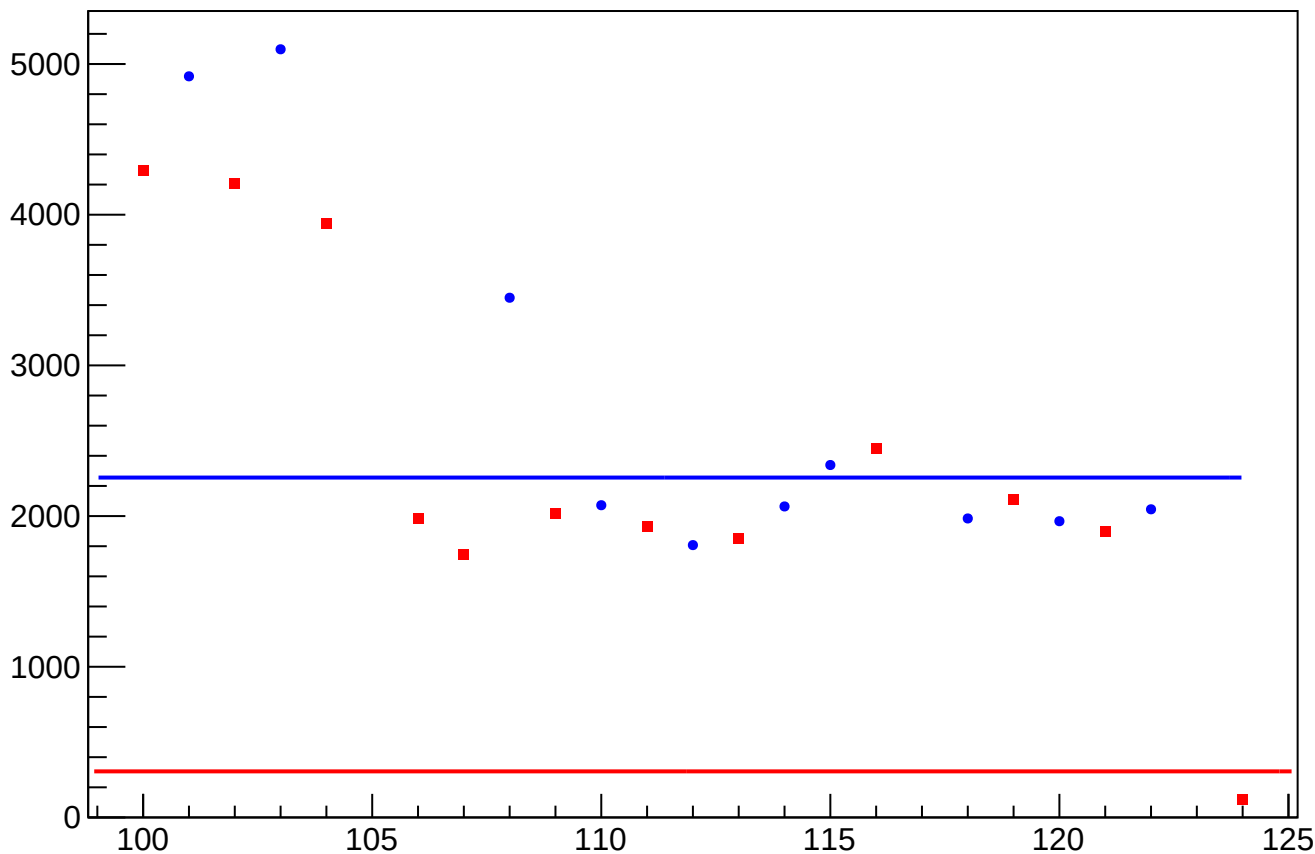
Right: -100.178 ± 310.539 χ^2/NDF : 24.6/21

In: -341.083 ± 1194.322 χ^2/NDF : 9.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.178 ± 310.539 χ^2/NDF : 24.6/21

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2255.621+/-0.845 χ^2/NDF : 934442.4/9

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

Right Out: 305.822+/-0.227 χ^2/NDF : 7131388.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

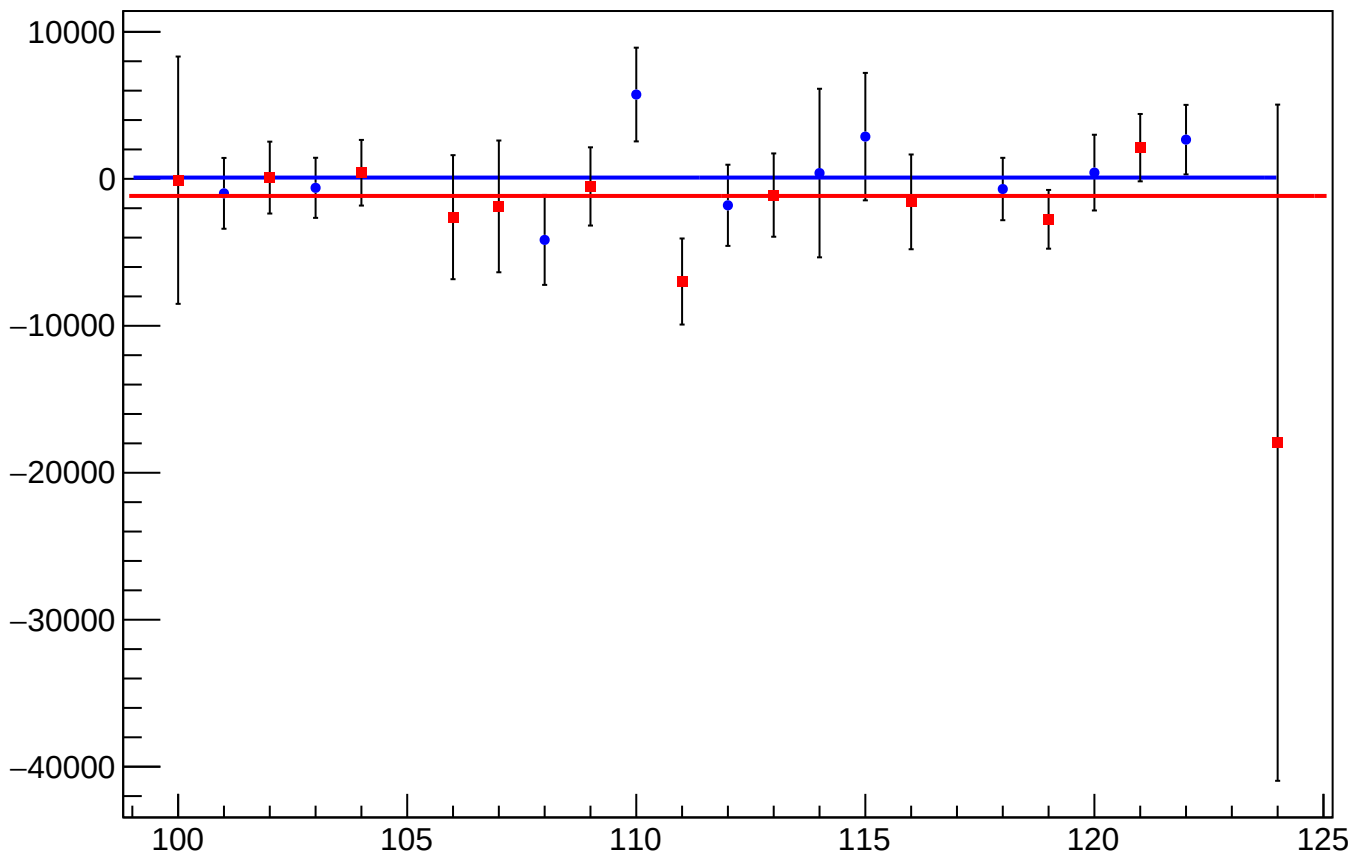
Right: 437.642+/-0.220 χ^2/NDF : 13035938.3/21

In: 2255.621+/-0.845 χ^2/NDF : 934442.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.642+/-0.220 χ^2/NDF : 13035938.3/21

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 86.183+/-850.421 χ^2 /NDF: 7.6/9

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

Right Out: -1163.911+/-842.500 χ^2 /NDF: 8.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

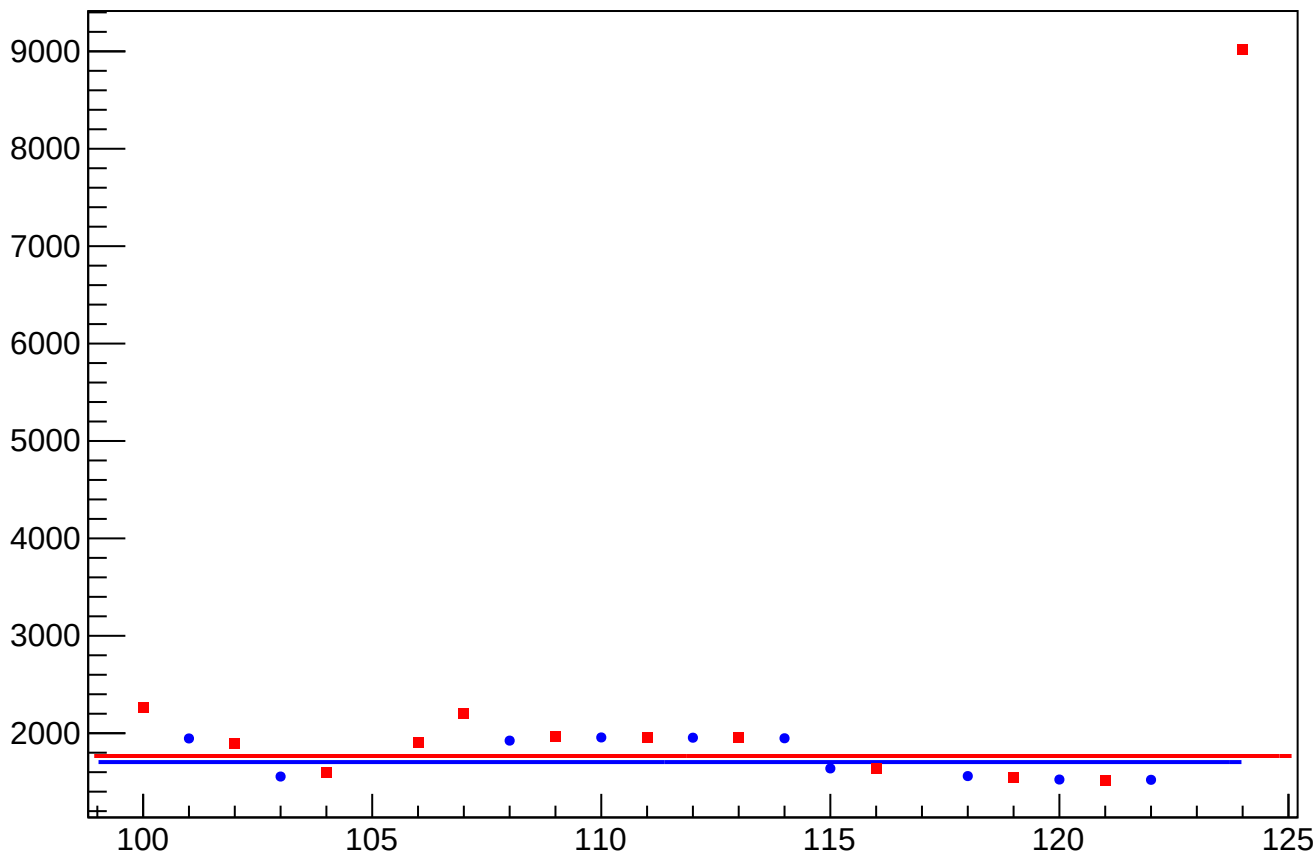
Right: -544.712+/-598.518 χ^2 /NDF: 16.9/21

In: 86.183+/-850.421 χ^2 /NDF:7.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -544.712+/-598.518 χ^2 /NDF: 16.9/21

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1703.659+/-0.601 χ^2/NDF : 104977.0/9

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

Right Out: 1766.084+/-0.591 χ^2/NDF : 327012.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

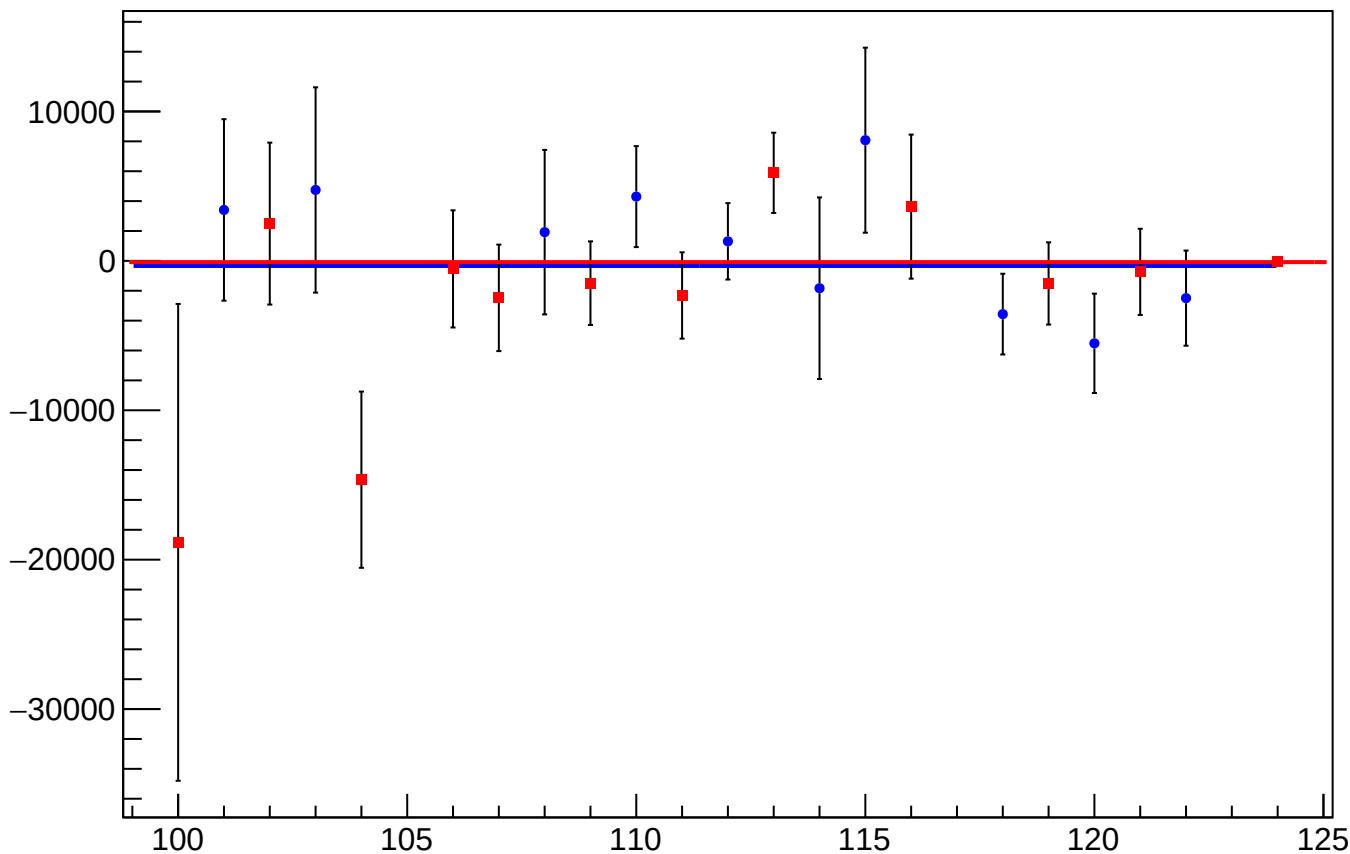
Right: 1735.391+/-0.422 χ^2/NDF : 437467.1/21

In: 1703.659+/-0.601 χ^2/NDF : 104977.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.391+/-0.422 χ^2/NDF : 437467.1/21

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -341.083 ± 1194.322 χ^2/NDF : 9.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -82.710 ± 321.601 χ^2/NDF : 14.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

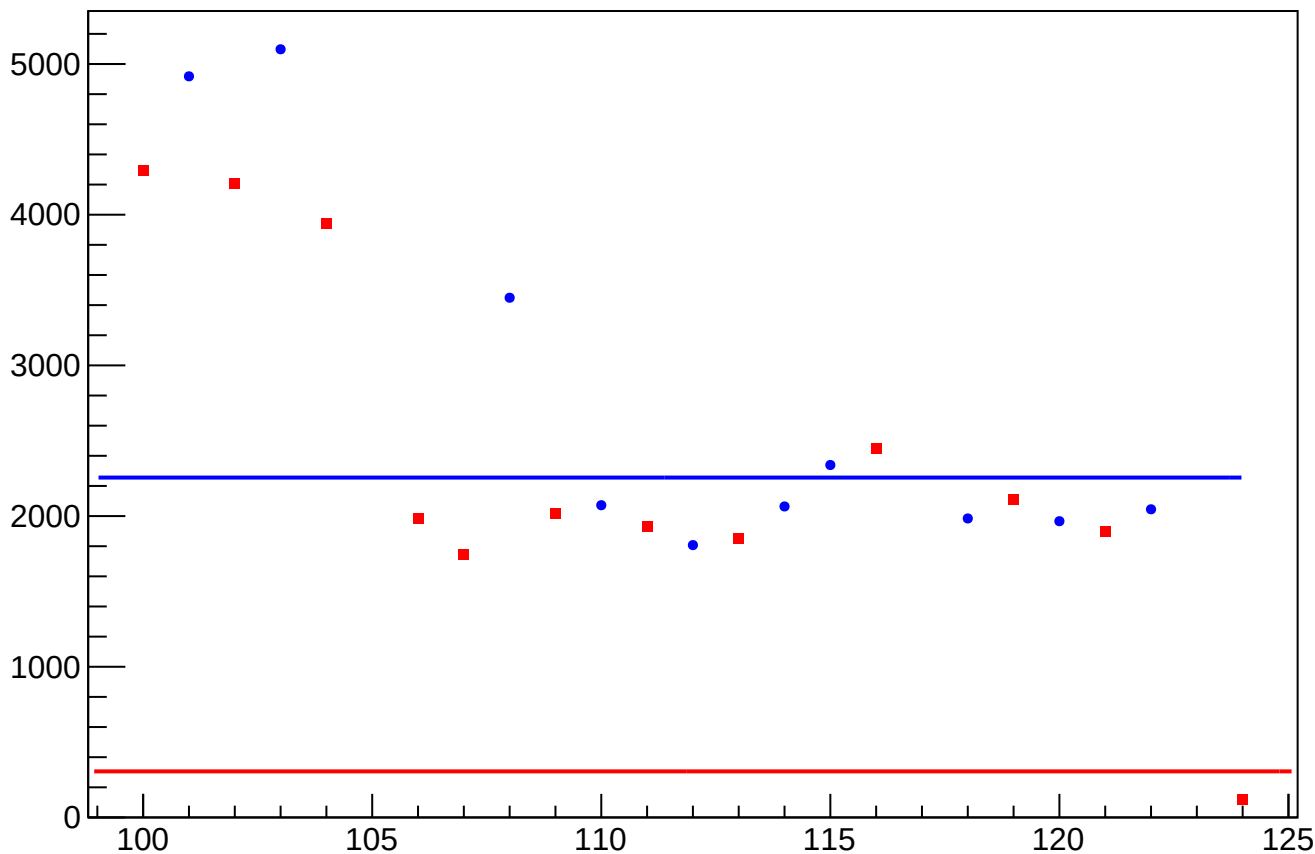
Right: -100.178 ± 310.539 χ^2/NDF : 24.6/21

In: -341.083 ± 1194.322 χ^2/NDF : 9.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.178 ± 310.539 χ^2/NDF : 24.6/21

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2255.621+/-0.845 χ^2/NDF : 934442.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.822+/-0.227 χ^2/NDF : 7131388.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

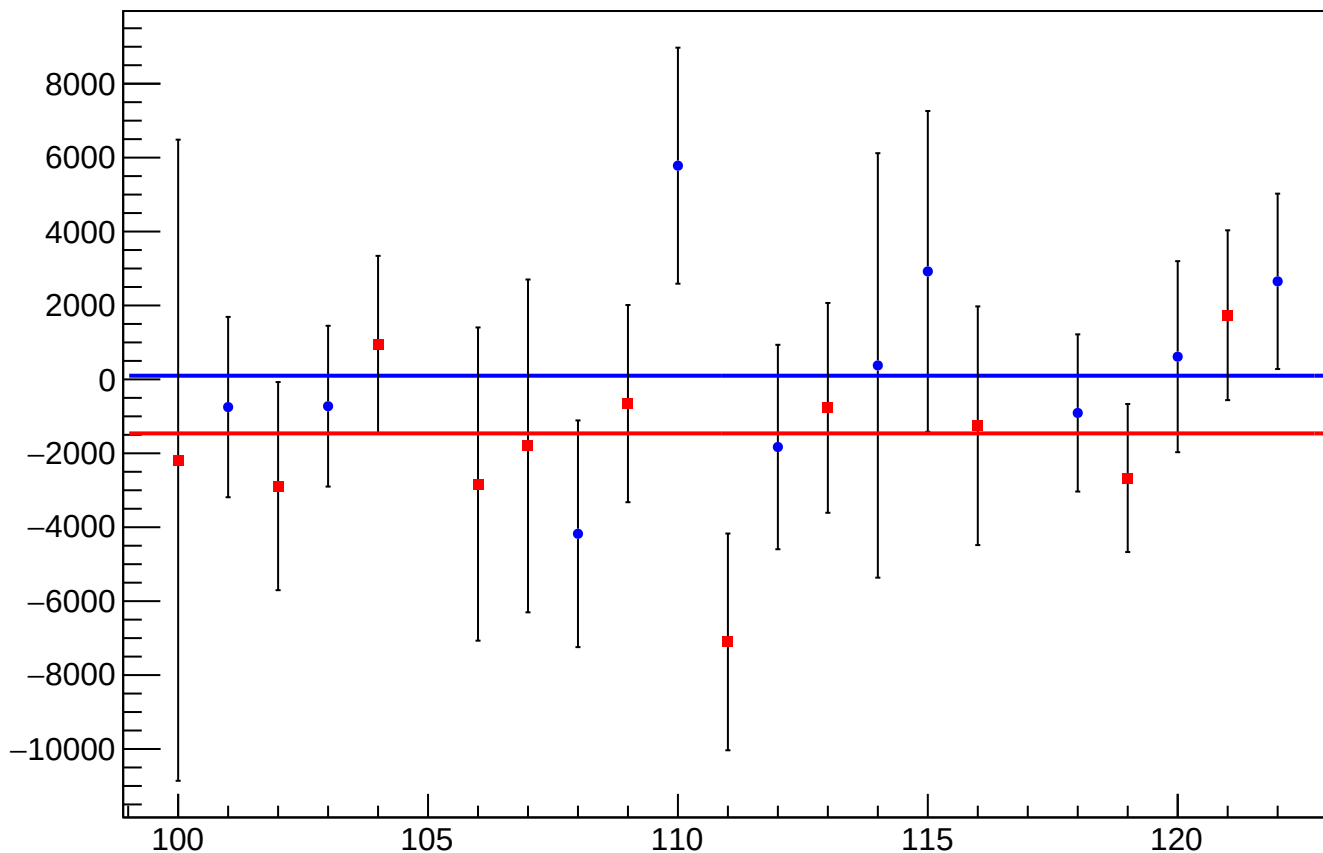
Right: 437.642+/-0.220 χ^2/NDF : 13035938.3/21

In: 2255.621+/-0.845 χ^2/NDF : 934442.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.642+/-0.220 χ^2/NDF : 13035938.3/21

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 99.420 ± 861.825 χ^2/NDF : 7.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1461.526 ± 866.114 χ^2/NDF : 7.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

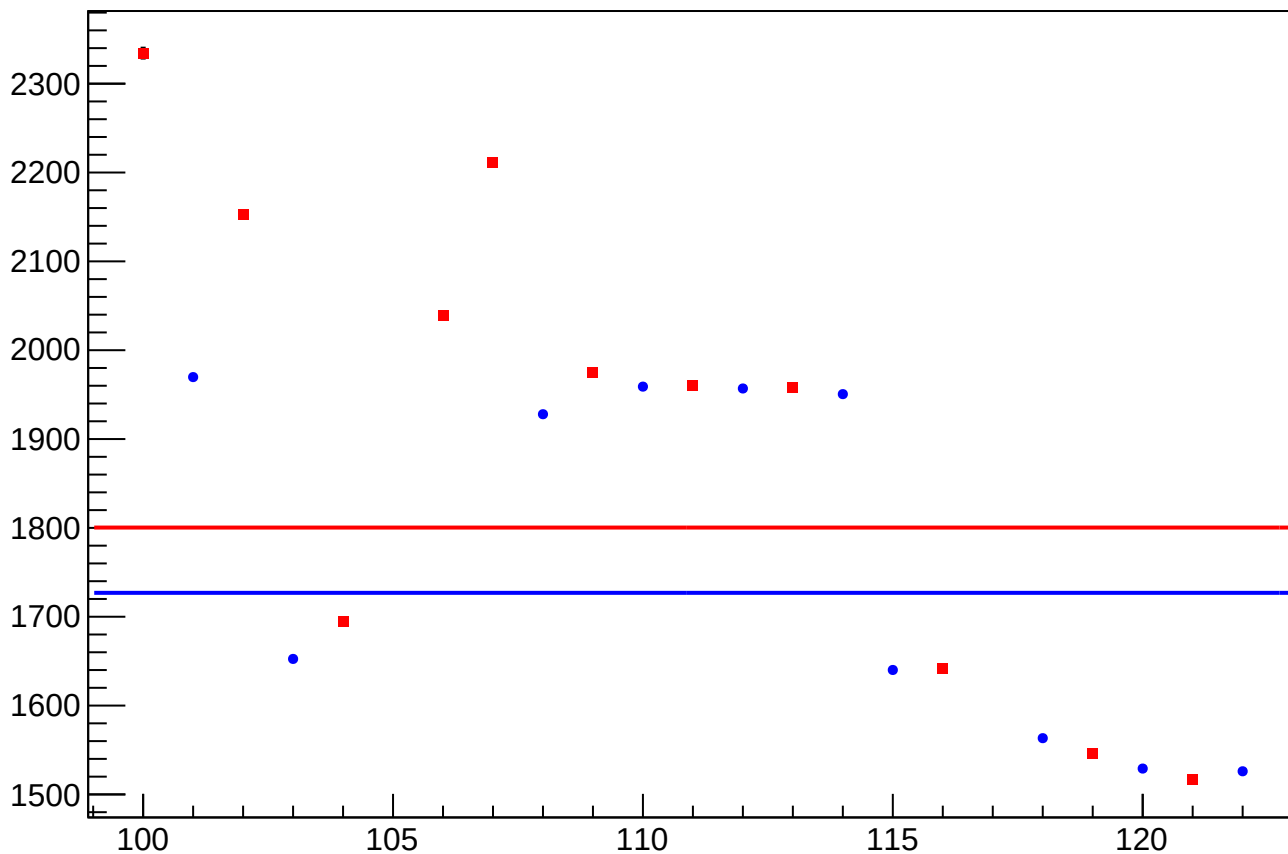
Right: -677.178 ± 610.913 χ^2/NDF : 16.9/20

In: 99.420 ± 861.825 χ^2/NDF : 7.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -677.178 ± 610.913 χ^2/NDF : 16.9/20

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1726.898+/-0.609 χ^2/NDF : 96866.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1800.374+/-0.610 χ^2/NDF : 155031.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

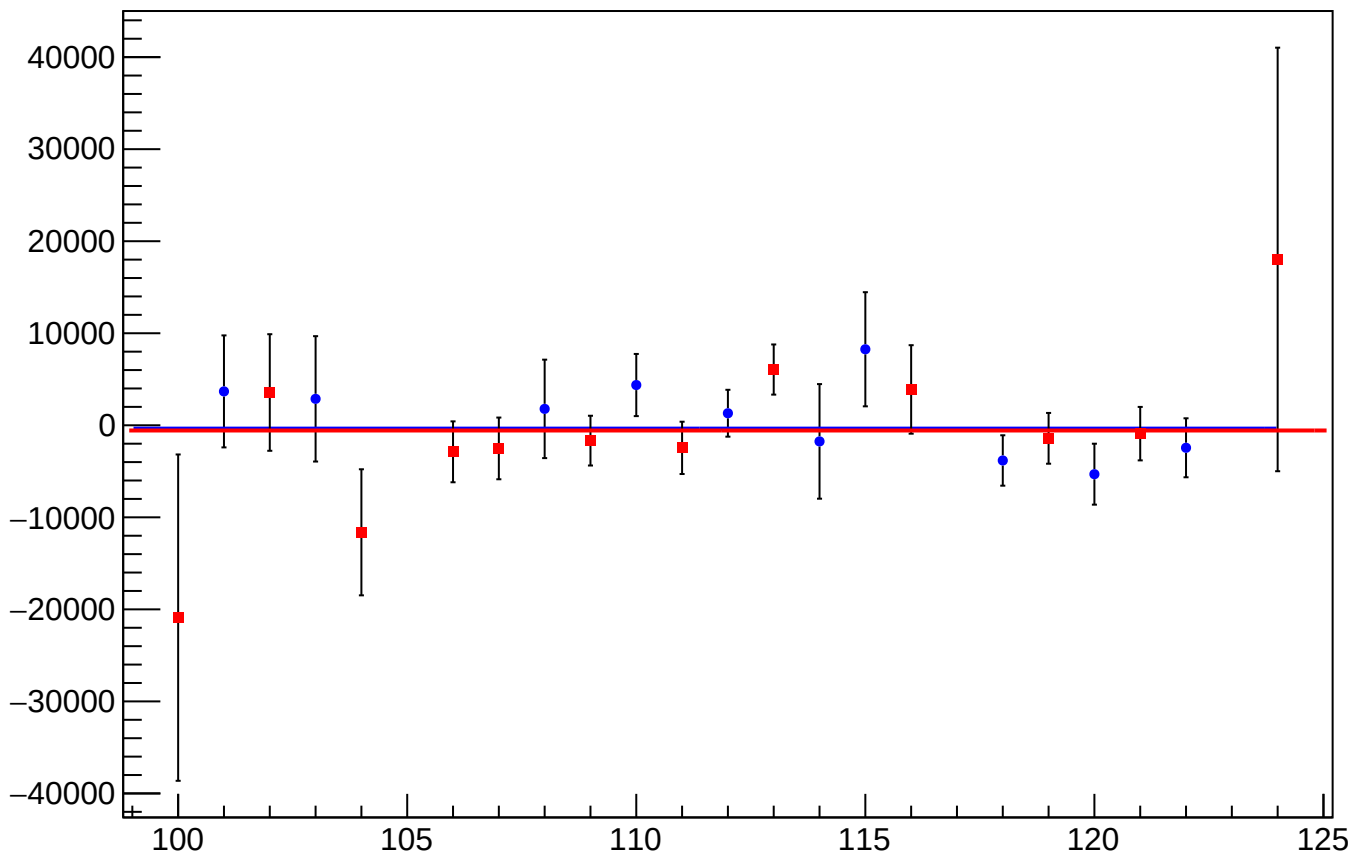
Right: 1763.607+/-0.431 χ^2/NDF : 259161.2/20

In: 1726.898+/-0.609 χ^2/NDF : 96866.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.607+/-0.431 χ^2/NDF : 259161.2/20

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -363.188+/-1195.851 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -565.418+/-1042.394 χ^2/NDF : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

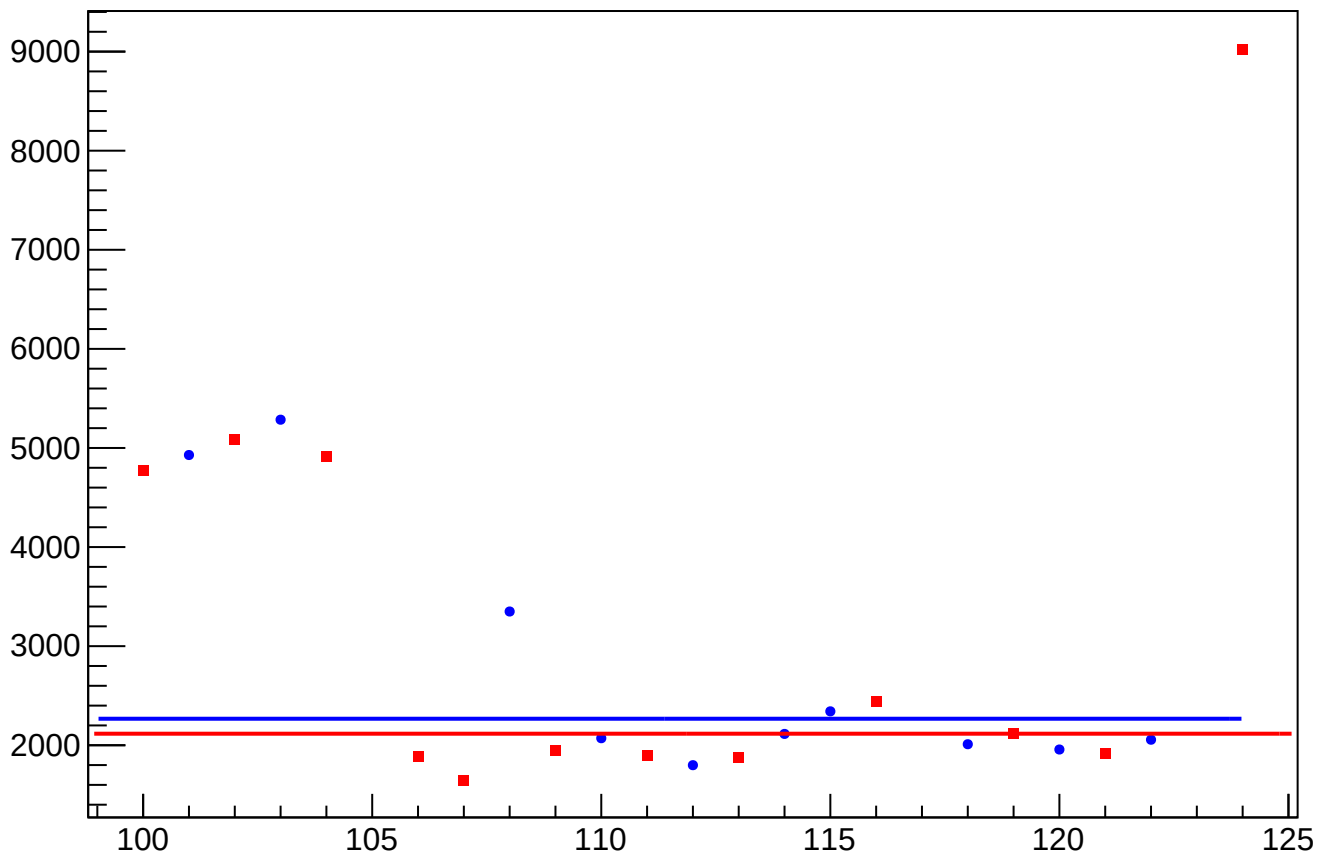
Right: -478.103+/-785.775 χ^2/NDF : 22.8/21

In: -363.188+/-1195.851 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.103+/-785.775 χ^2/NDF : 22.8/21

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2267.582+/-0.846 χ^2/NDF : 977146.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2116.483+/-0.737 χ^2/NDF : 1102589.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

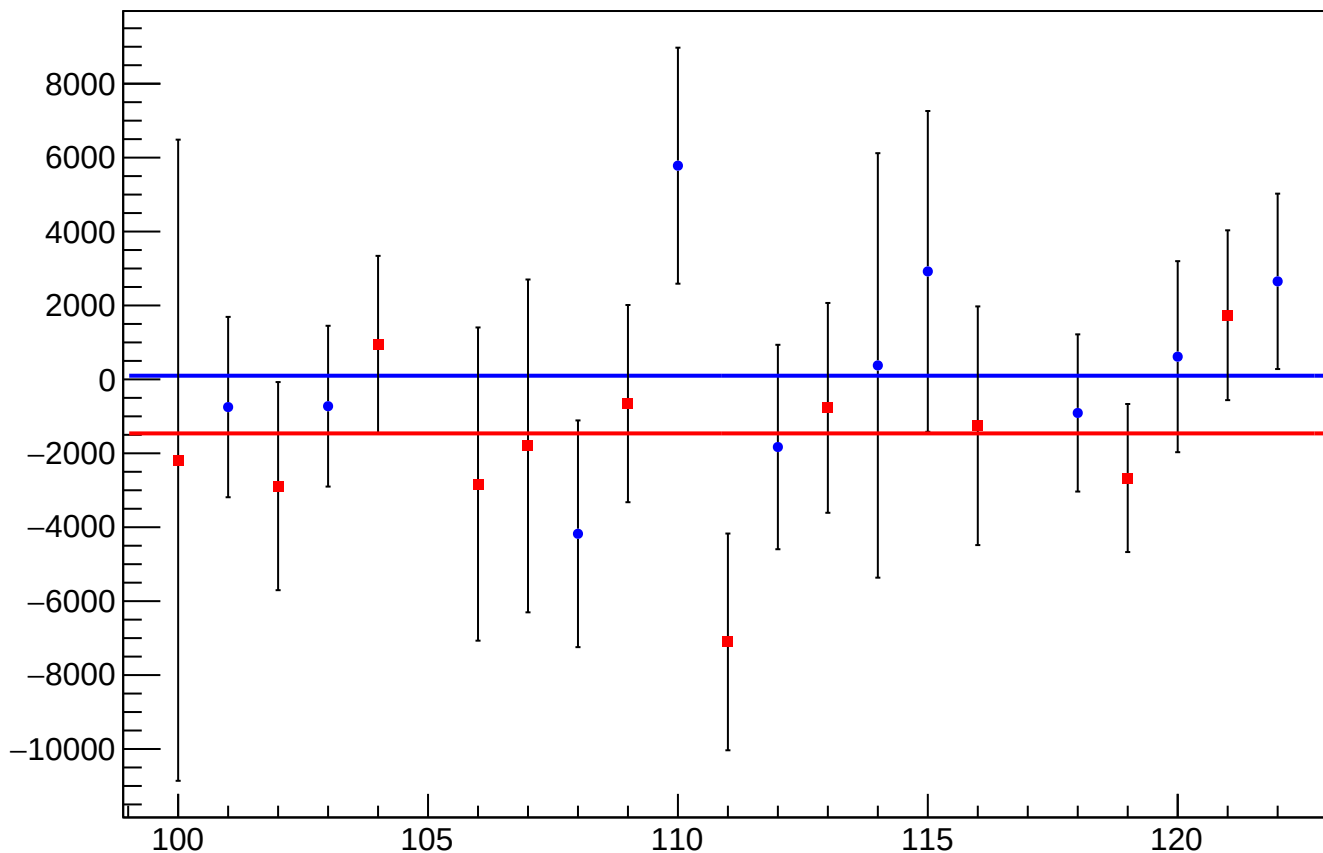
Right: 2181.722+/-0.556 χ^2/NDF : 2097880.4/21

In: 2267.582+/-0.846 χ^2/NDF : 977146.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.722+/-0.556 χ^2/NDF : 2097880.4/21

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 99.420+/-861.825 χ^2/NDF : 7.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1461.536+/-866.114 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

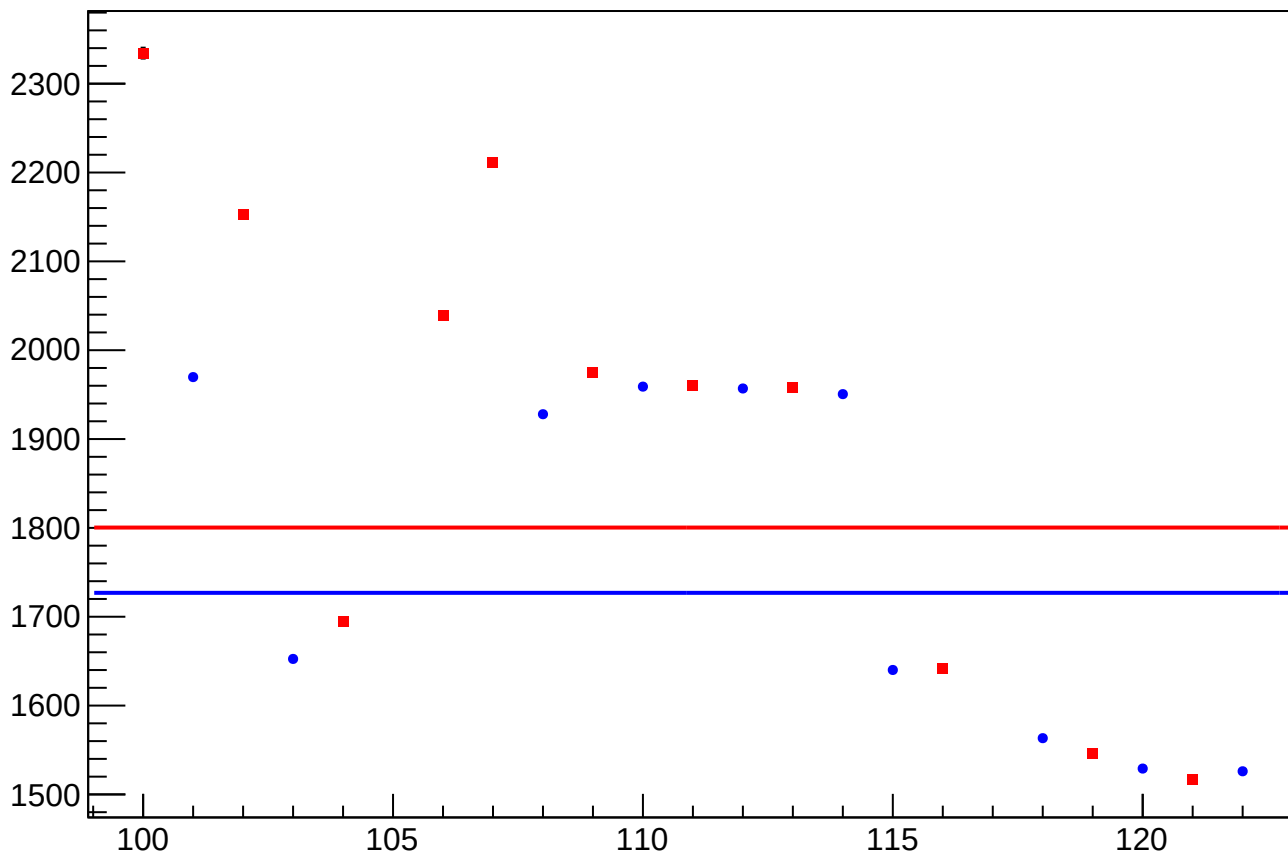
Right: -677.184+/-610.913 χ^2/NDF : 16.9/20

In: 99.420+/-861.825 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -677.184+/-610.913 χ^2/NDF : 16.9/20

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1726.898+/-0.609 χ^2/NDF : 96867.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1800.374+/-0.610 χ^2/NDF : 155031.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

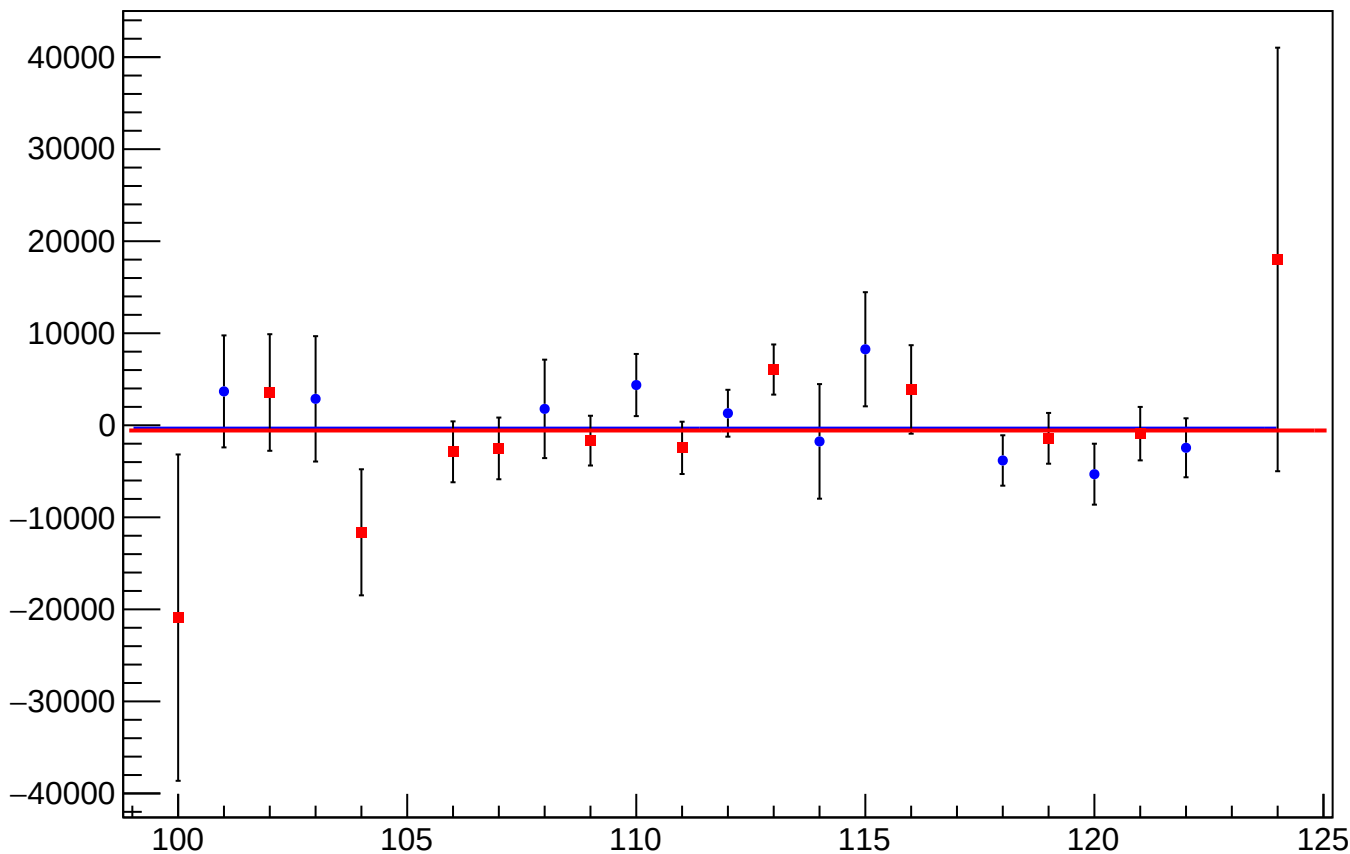
Right: 1763.607+/-0.431 χ^2/NDF : 259160.8/20

In: 1726.898+/-0.609 χ^2/NDF : 96867.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.607+/-0.431 χ^2/NDF : 259160.8/20

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -363.192+/-1195.845 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -565.417+/-1042.391 χ^2/NDF : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

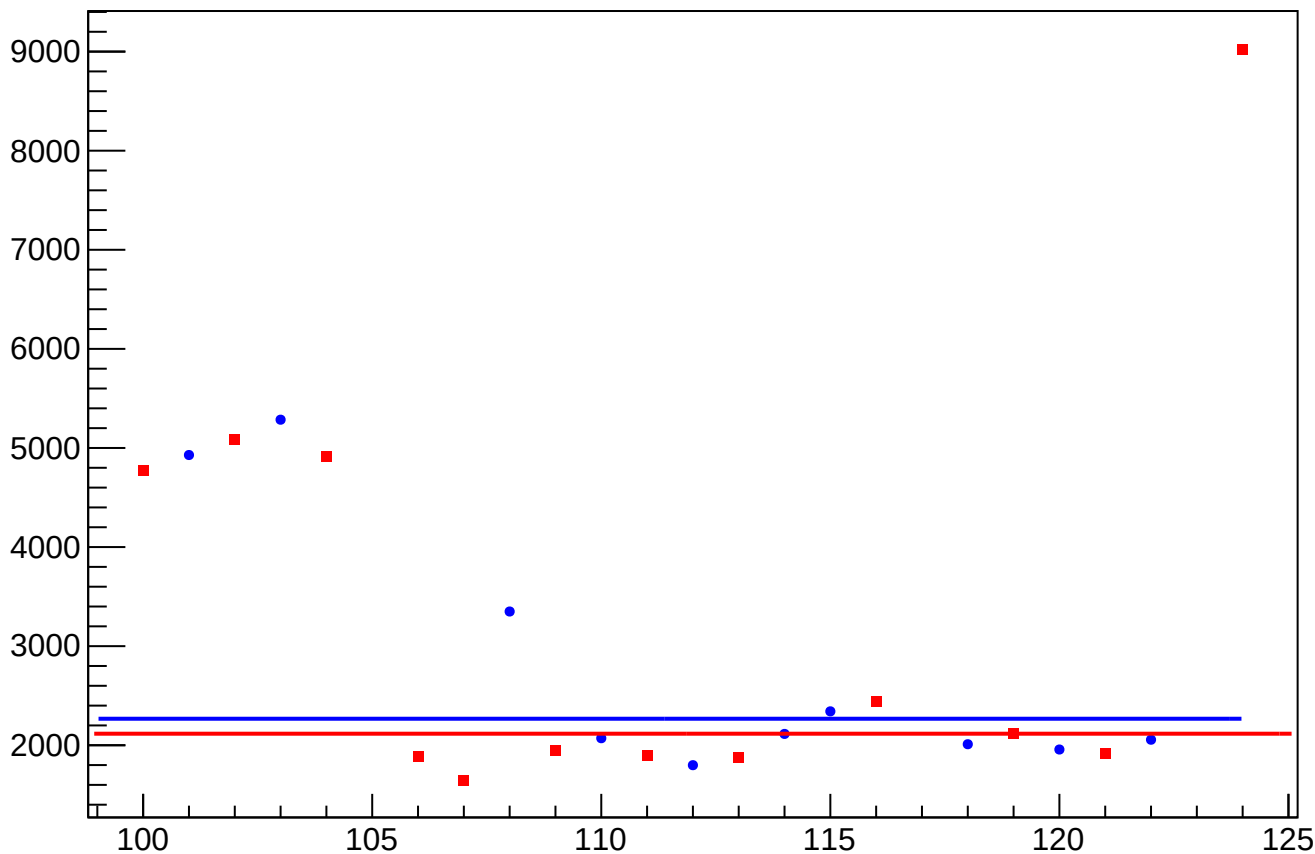
Right: -478.104+/-785.772 χ^2/NDF : 22.8/21

In: -363.192+/-1195.845 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.104+/-785.772 χ^2/NDF : 22.8/21

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2267.570+/-0.846 χ^2/NDF : 977152.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2116.475+/-0.737 χ^2/NDF : 1102594.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

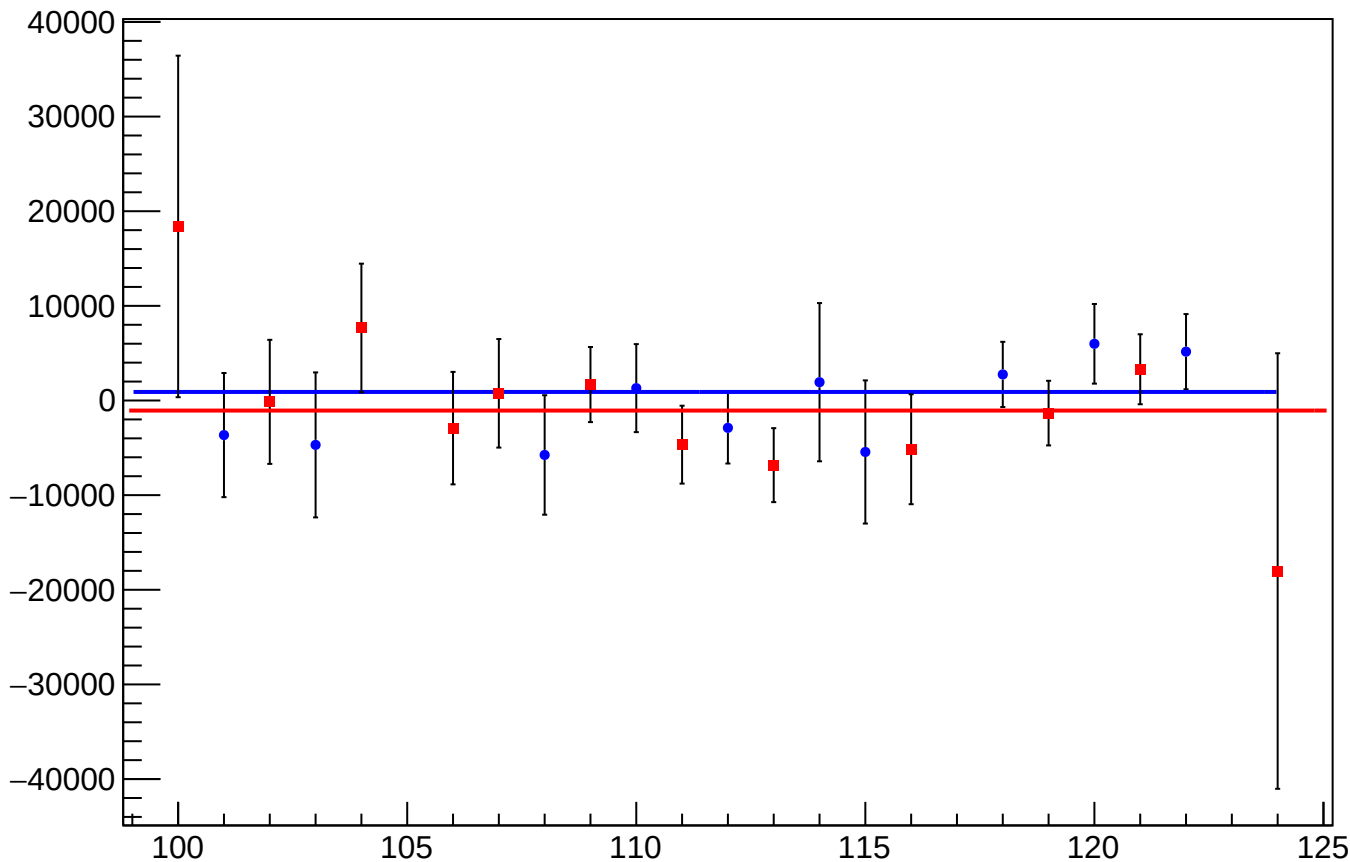
Right: 2181.712+/-0.556 χ^2/NDF : 2097890.5/21

In: 2267.570+/-0.846 χ^2/NDF : 977152.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.712+/-0.556 χ^2/NDF : 2097890.5/21

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 903.382+/-1546.847 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1062.906+/-1435.567 χ^2/NDF : 8.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

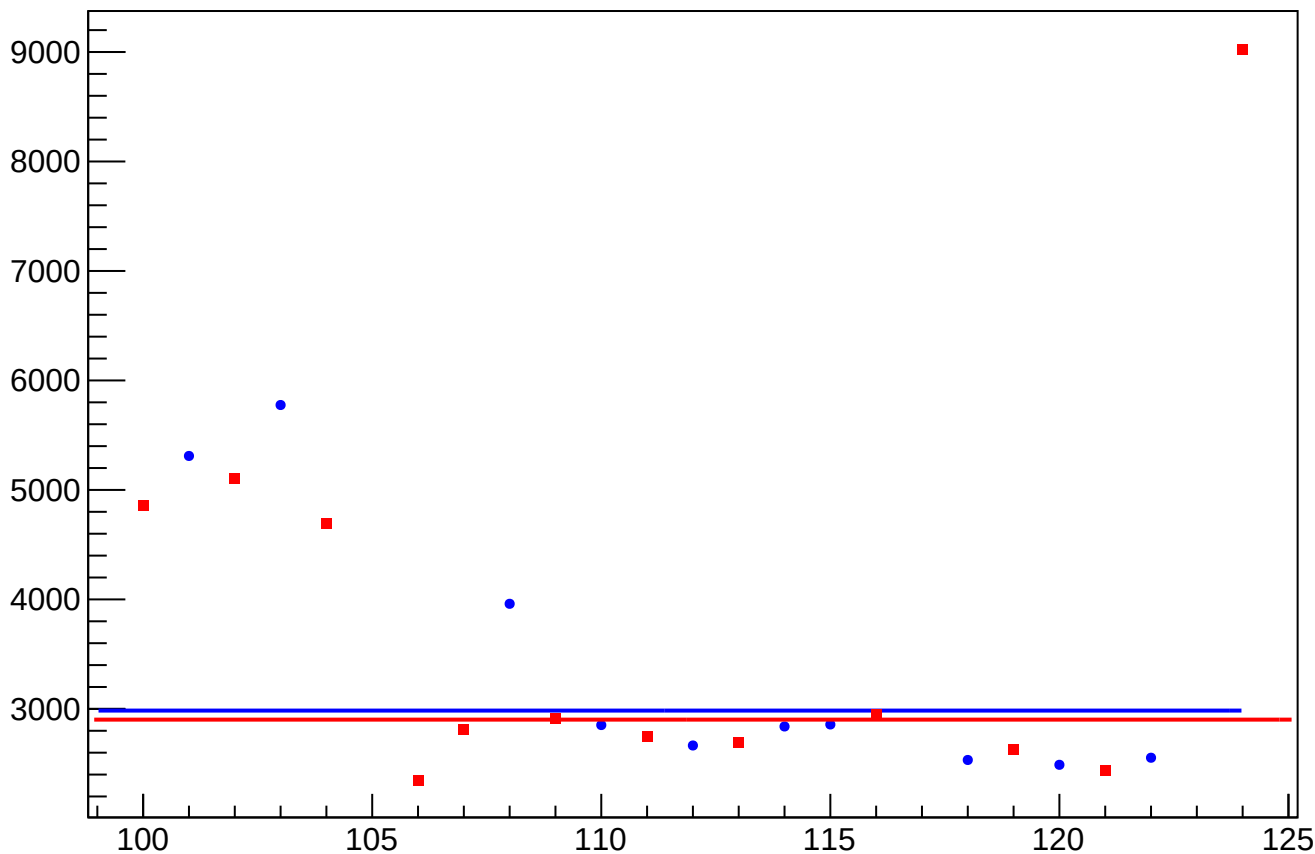
Right: -153.027+/-1052.242 χ^2/NDF : 16.5/21

In: 903.382+/-1546.847 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.027+/-1052.242 χ^2/NDF : 16.5/21

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2984.538+/-1.094 χ^2/NDF : 667479.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2901.880+/-0.994 χ^2/NDF : 613940.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

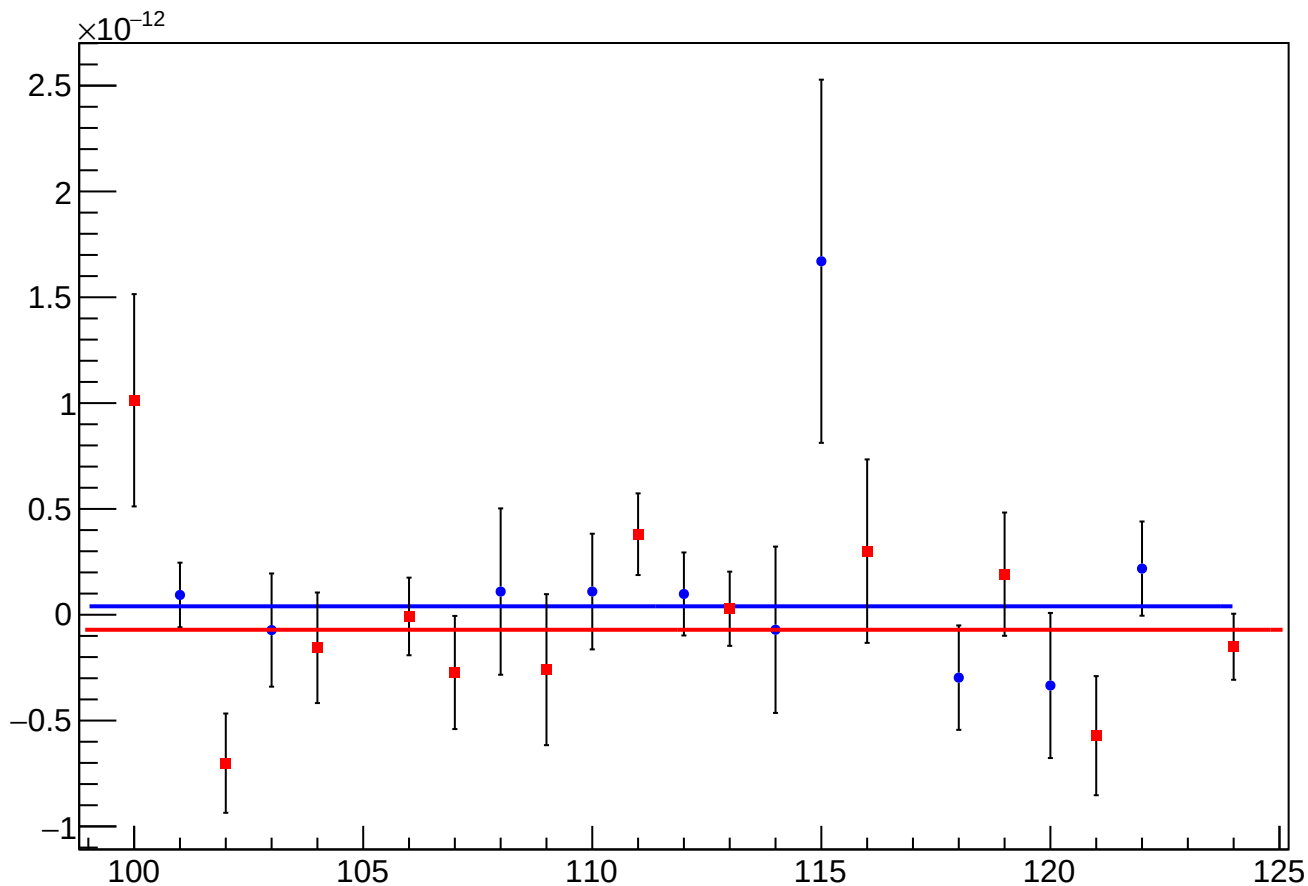
Right: 2939.273+/-0.736 χ^2/NDF : 1284546.6/21

In: 2984.538+/-1.094 χ^2/NDF : 667479.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2939.273+/-0.736 χ^2/NDF : 1284546.6/21

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 23.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

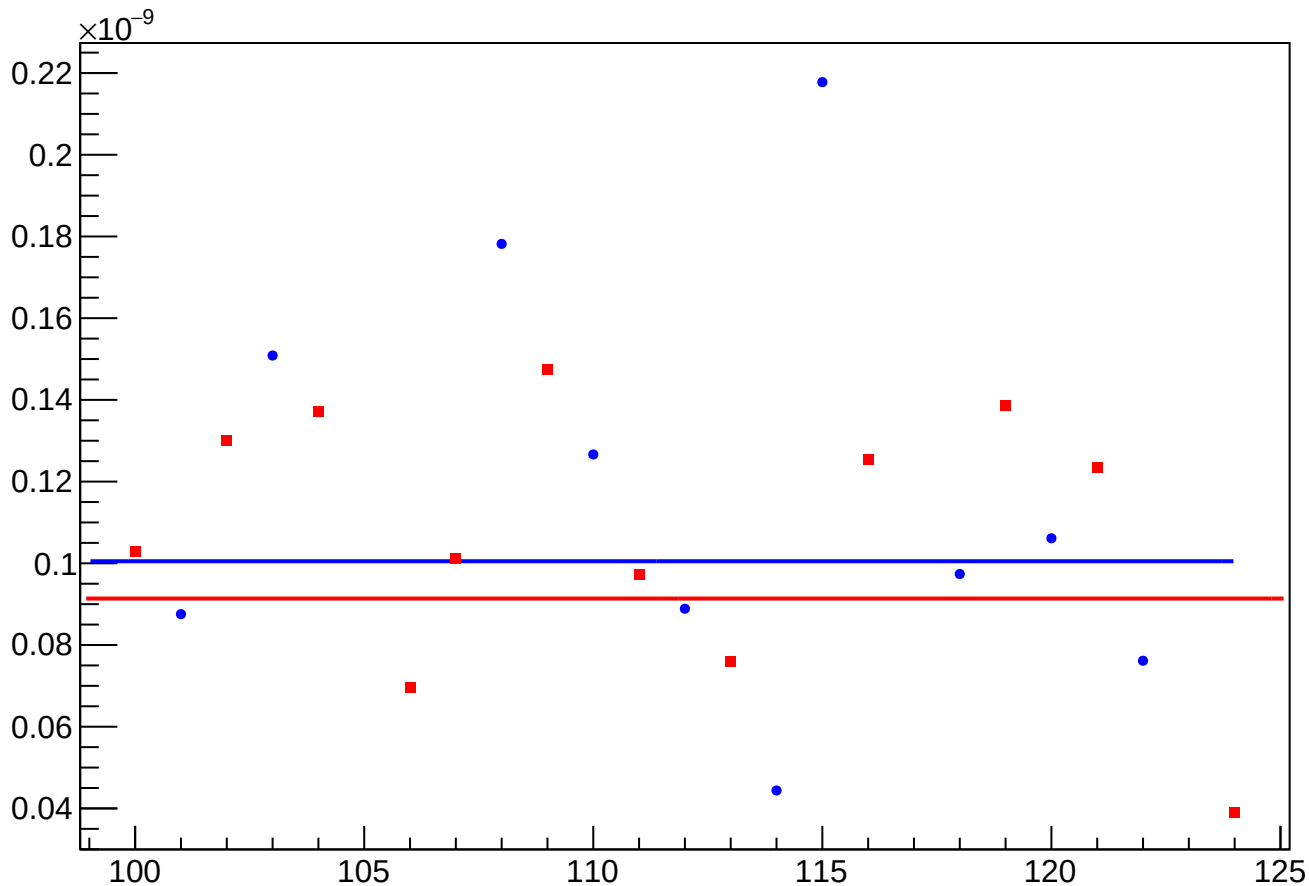
Right: -0.000+/-0.000 χ^2/NDF : 32.7/21

In: 0.000+/-0.000 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.7/21

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 291741.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 531323.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

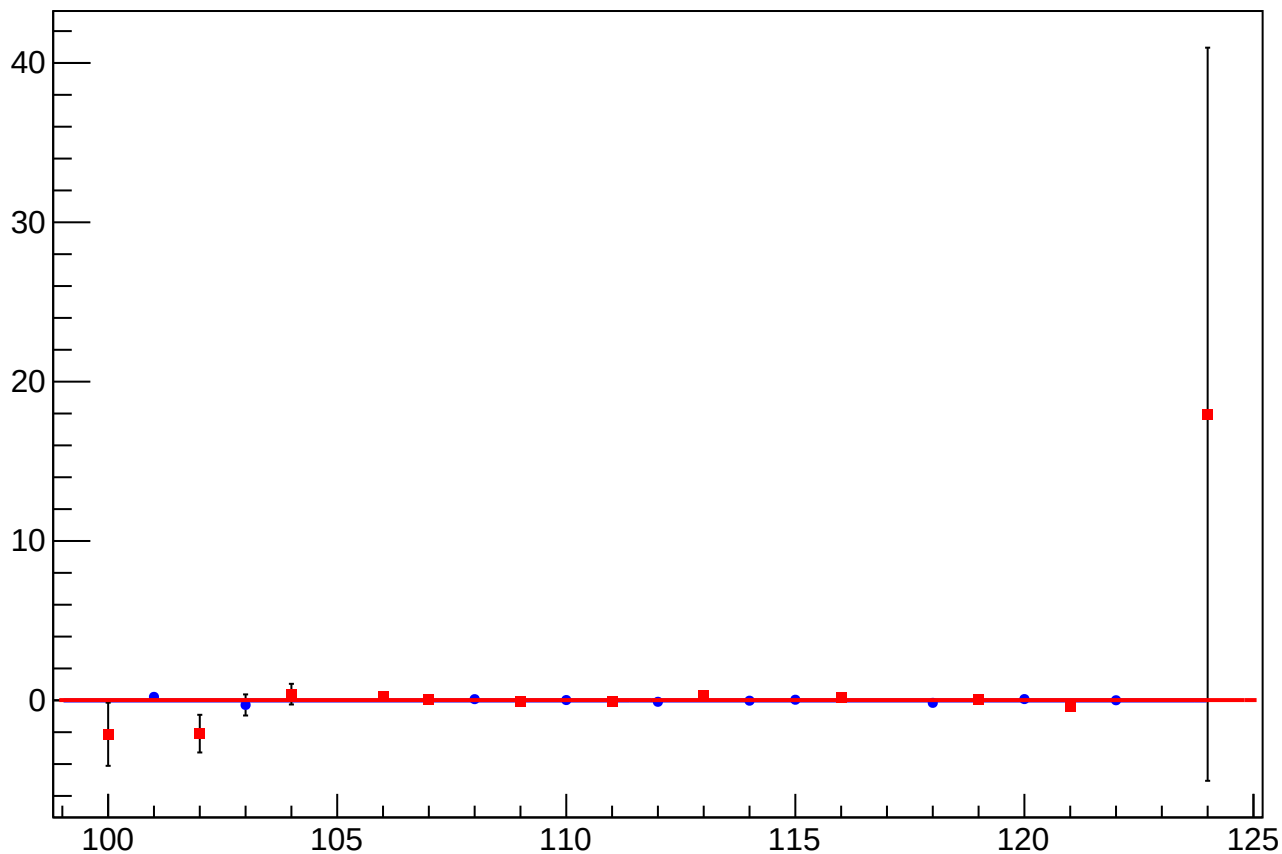
Right: 0.000+/-0.000 χ^2/NDF : 838233.0/21

In: 0.000+/-0.000 χ^2/NDF : 291741.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 838233.0/21

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.054 χ^2/NDF : 3.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.053 χ^2/NDF : 17.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

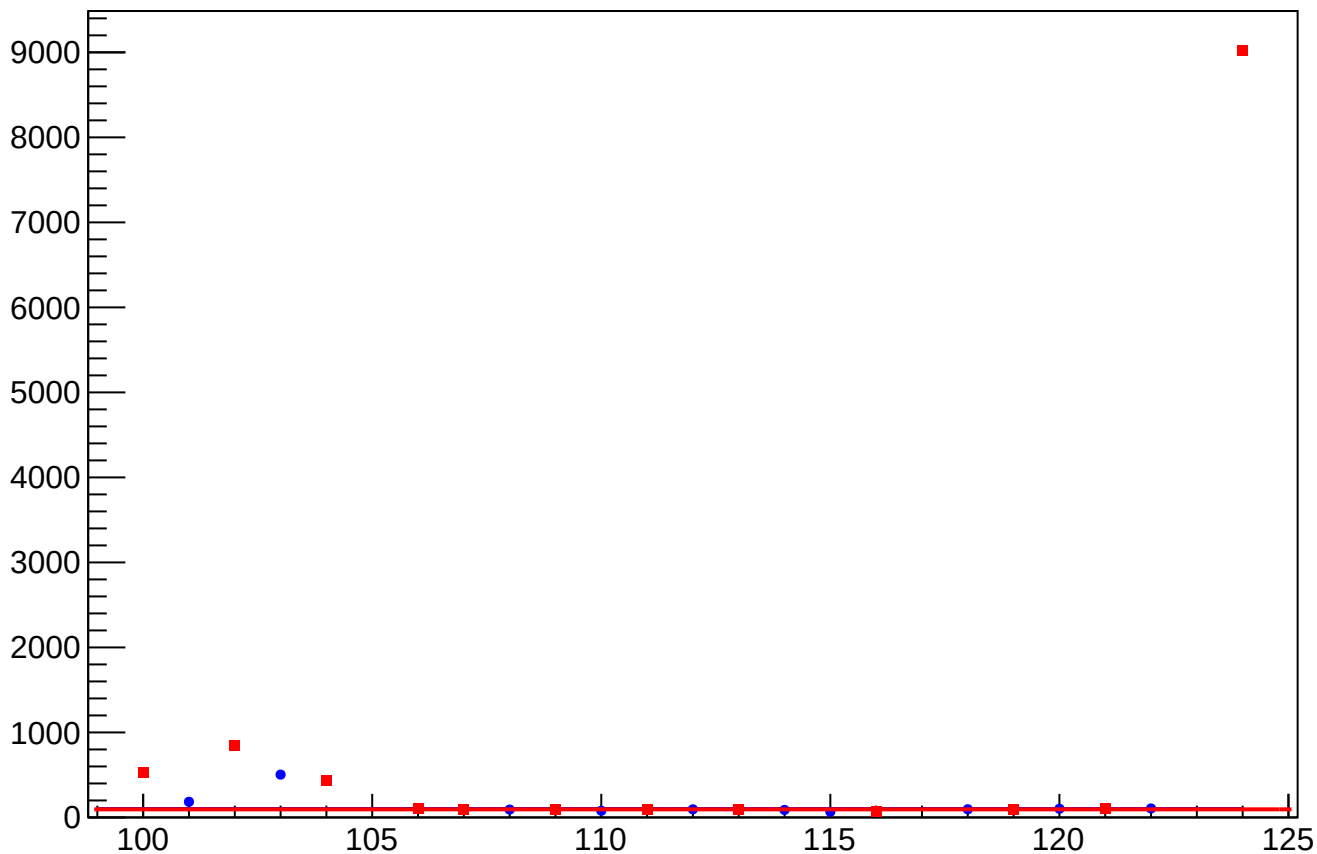
Right: 0.003+/-0.038 χ^2/NDF : 21.1/21

In: -0.010+/-0.054 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.038 χ^2/NDF : 21.1/21

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.931+/-0.039 χ^2/NDF : 1127833.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.552+/-0.037 χ^2/NDF : 1798181.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

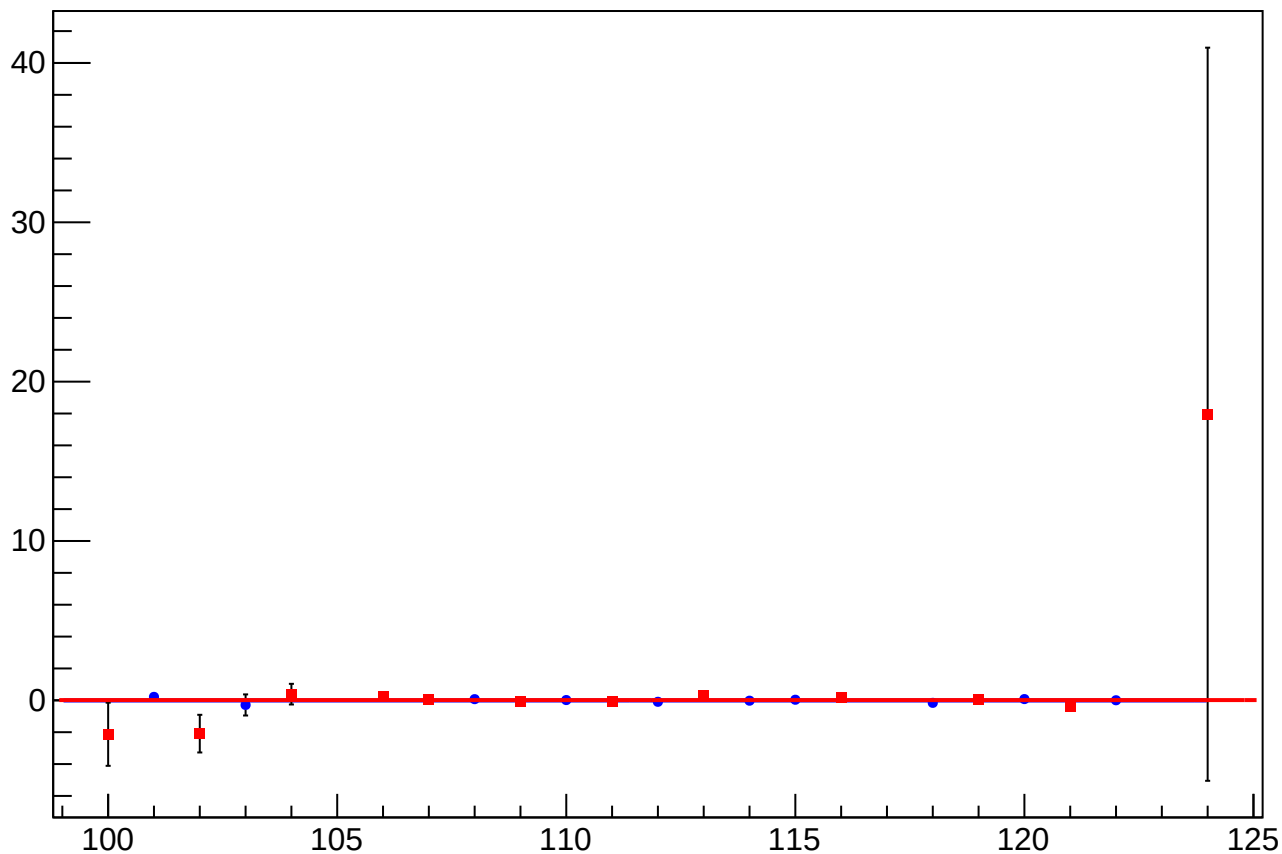
Right: 97.191+/-0.027 χ^2/NDF : 2929979.9/21

In: 98.931+/-0.039 χ^2/NDF : 1127833.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.191+/-0.027 χ^2/NDF : 2929979.9/21

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.054 χ^2/NDF : 3.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.053 χ^2/NDF : 17.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

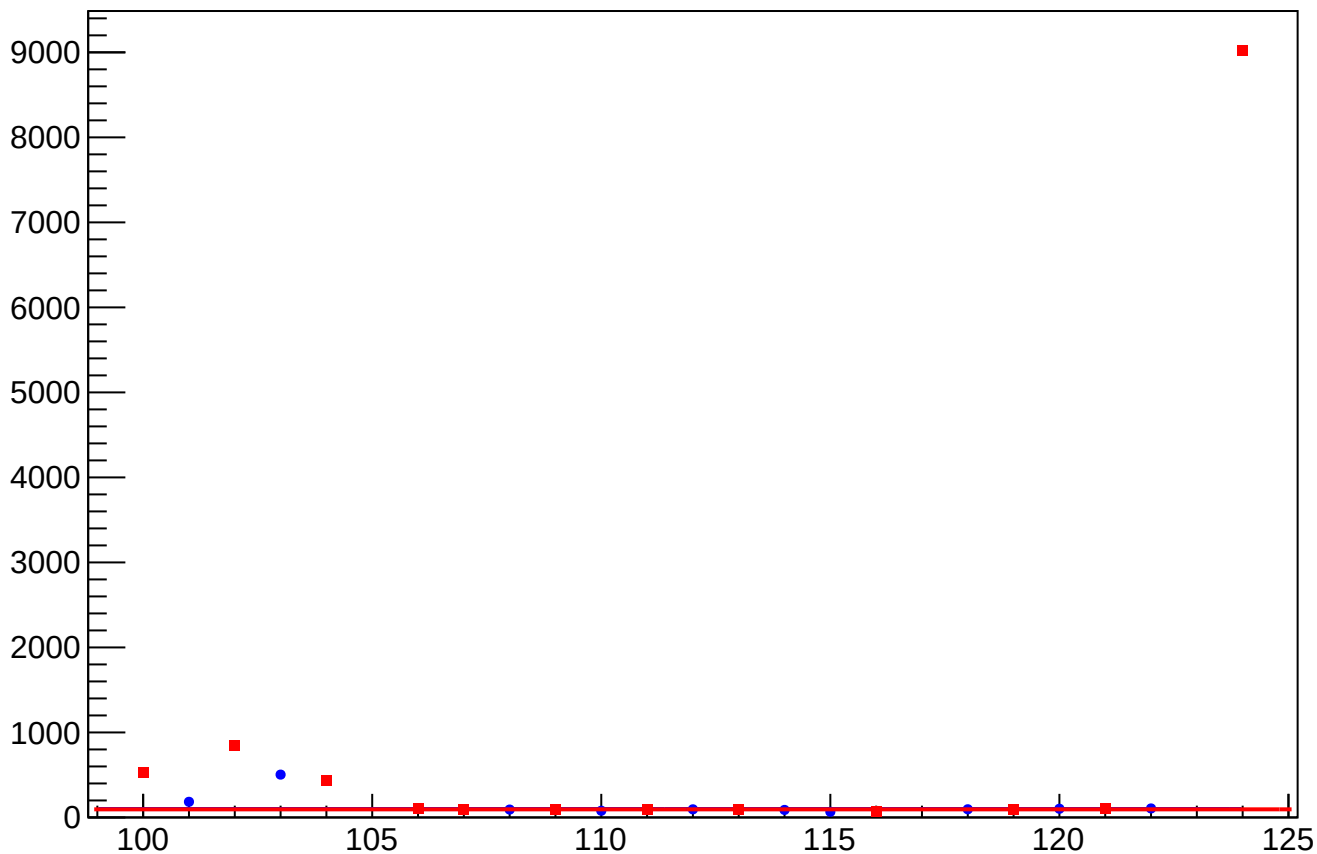
Right: 0.003+/-0.038 χ^2/NDF : 21.1/21

In: -0.010+/-0.054 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.038 χ^2/NDF : 21.1/21

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.931+/-0.039 χ^2/NDF : 1127833.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.552+/-0.037 χ^2/NDF : 1798181.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

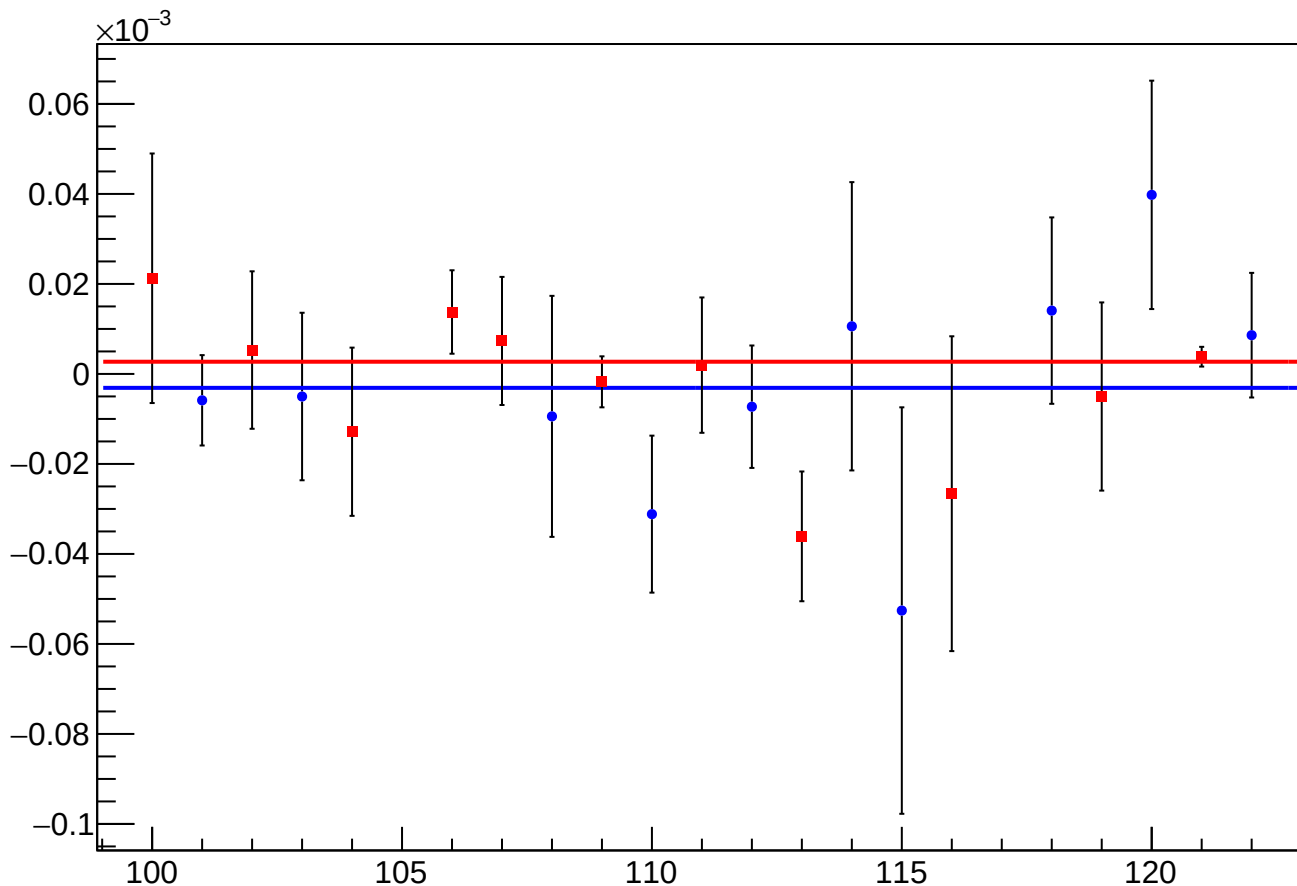
Right: 97.191+/-0.027 χ^2/NDF : 2929979.9/21

In: 98.931+/-0.039 χ^2/NDF : 1127833.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.191+/-0.027 χ^2/NDF : 2929979.9/21

asym_atl_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 : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

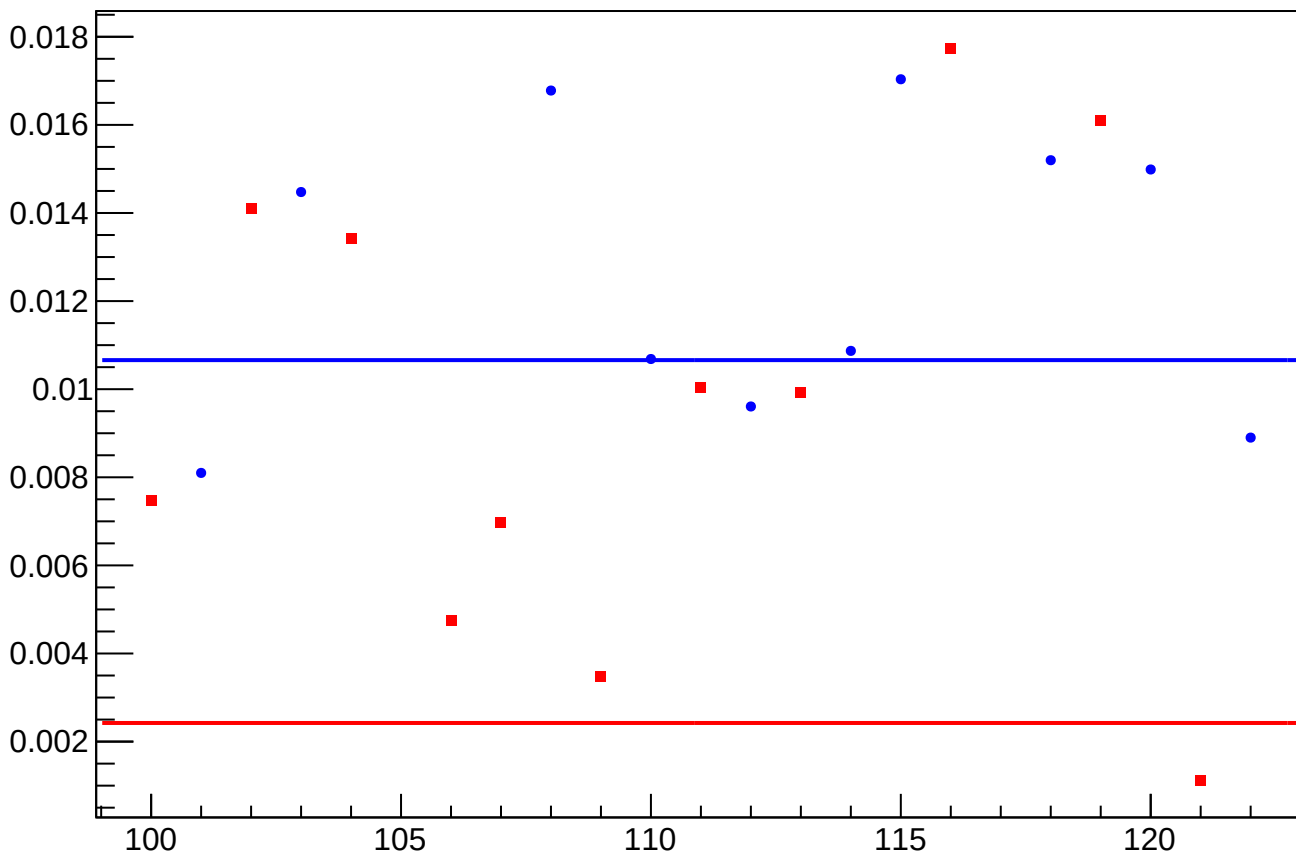
Right: 0.000+/-0.000 χ^2/NDF : 21.1/20

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 : 21.1/20

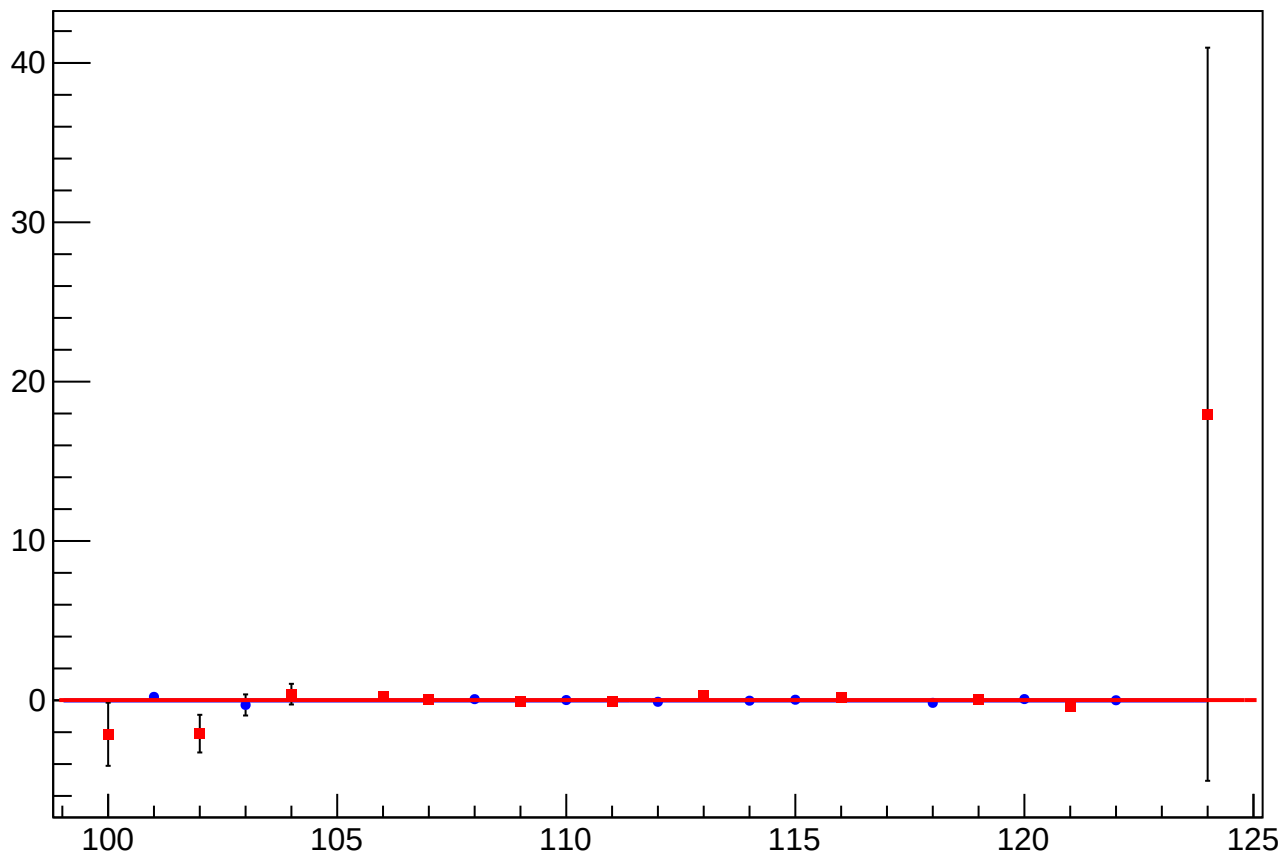
asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 556944.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 5057873.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.003+/-0.000 χ^2/NDF : 9662633.9/20
 In: 0.011+/-0.000 χ^2/NDF : 556944.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.003+/-0.000 χ^2/NDF : 9662633.9/20

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.054 χ^2/NDF : 3.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.053 χ^2/NDF : 17.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

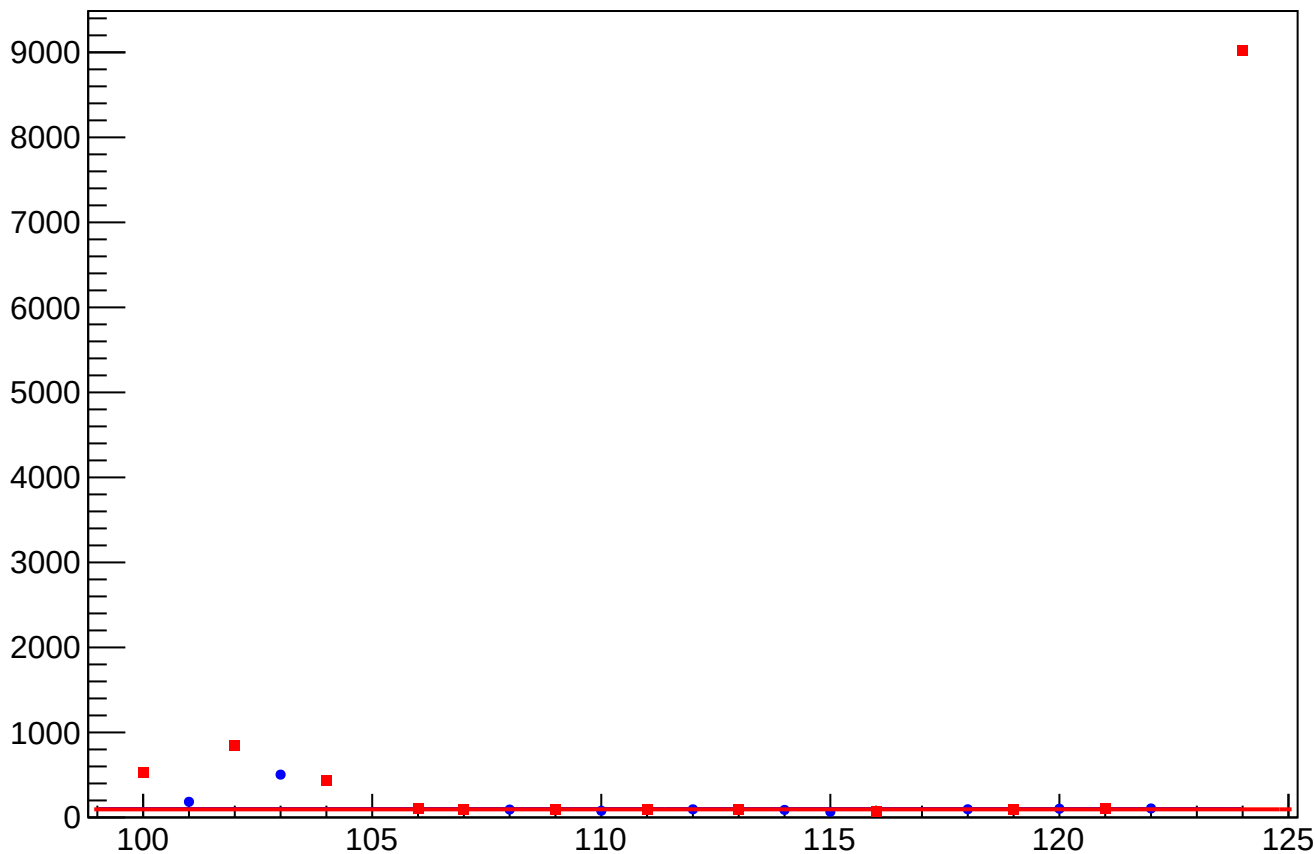
Right: 0.003+/-0.038 χ^2/NDF : 21.1/21

In: -0.010+/-0.054 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.038 χ^2/NDF : 21.1/21

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.932 $\pm$ 0.039 χ^2 /NDF: 1127803.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.554 $\pm$ 0.037 χ^2 /NDF: 1798130.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

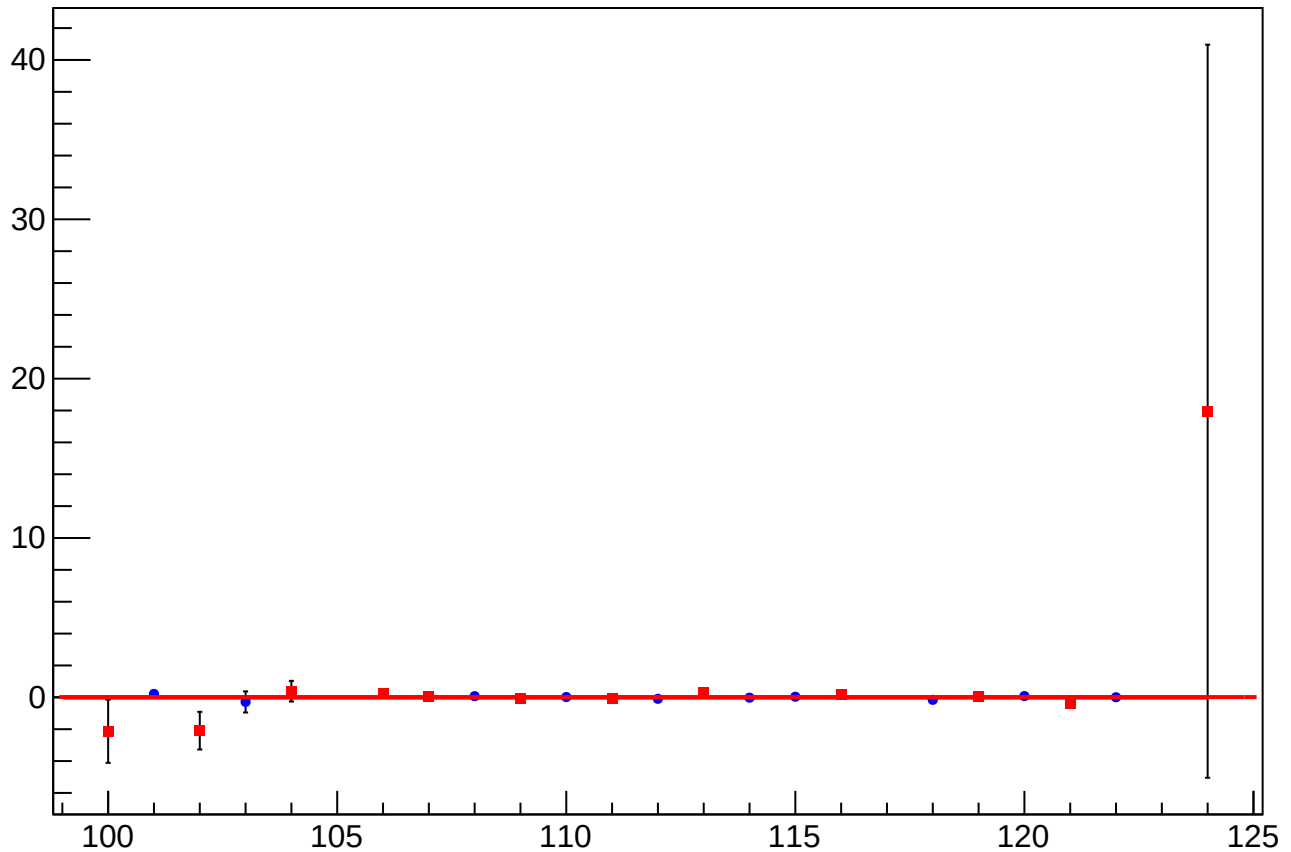
Right: 97.192 $\pm$ 0.027 χ^2 /NDF: 2929898.2/21

In: 98.932 $\pm$ 0.039 χ^2 /NDF: 1127803.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.192 $\pm$ 0.027 χ^2 /NDF: 2929898.2/21

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.054 χ^2/NDF : 3.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.053 χ^2/NDF : 17.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

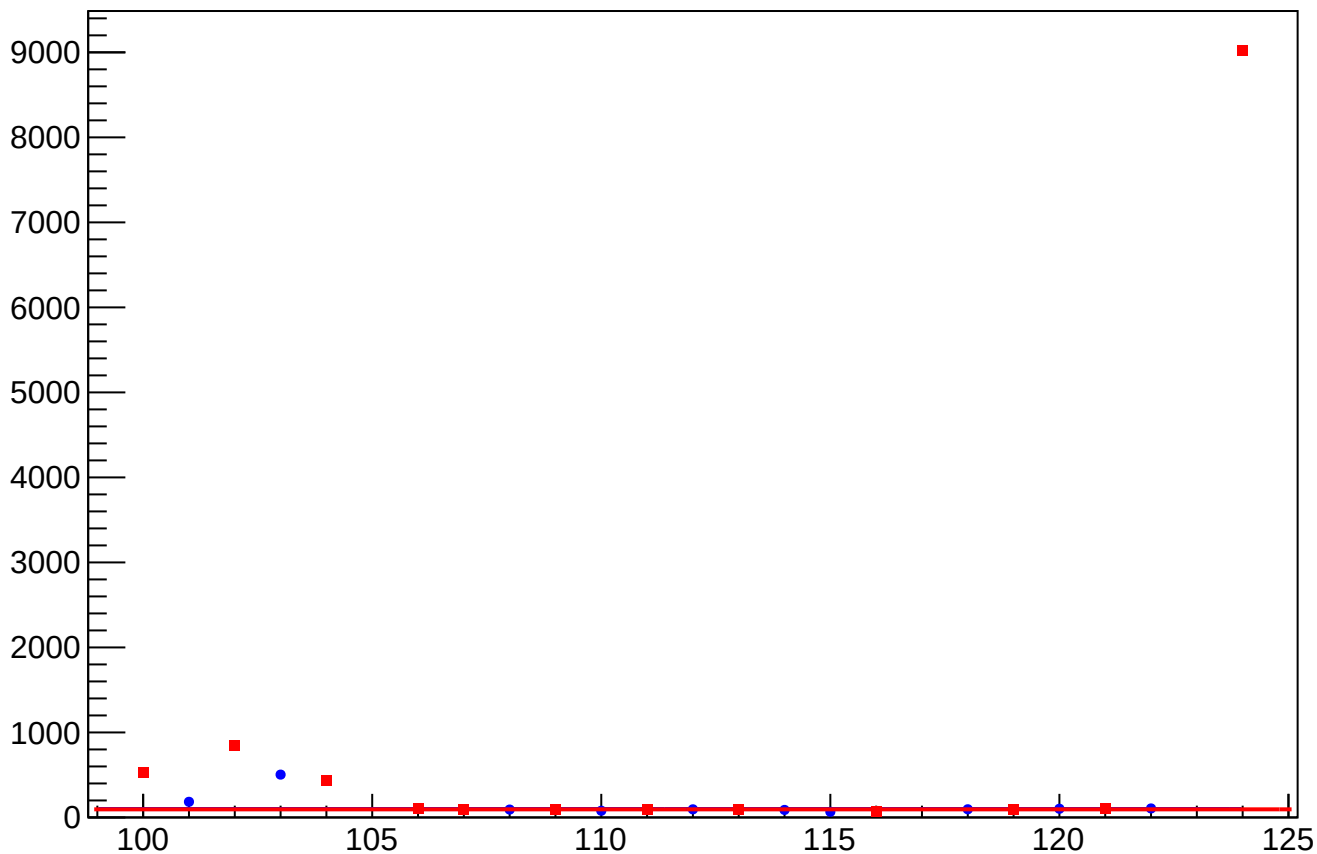
Right: 0.003+/-0.038 χ^2/NDF : 21.1/21

In: -0.010+/-0.054 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.038 χ^2/NDF : 21.1/21

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.932+/-0.039 χ^2/NDF : 1127803.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.554+/-0.037 χ^2/NDF : 1798130.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

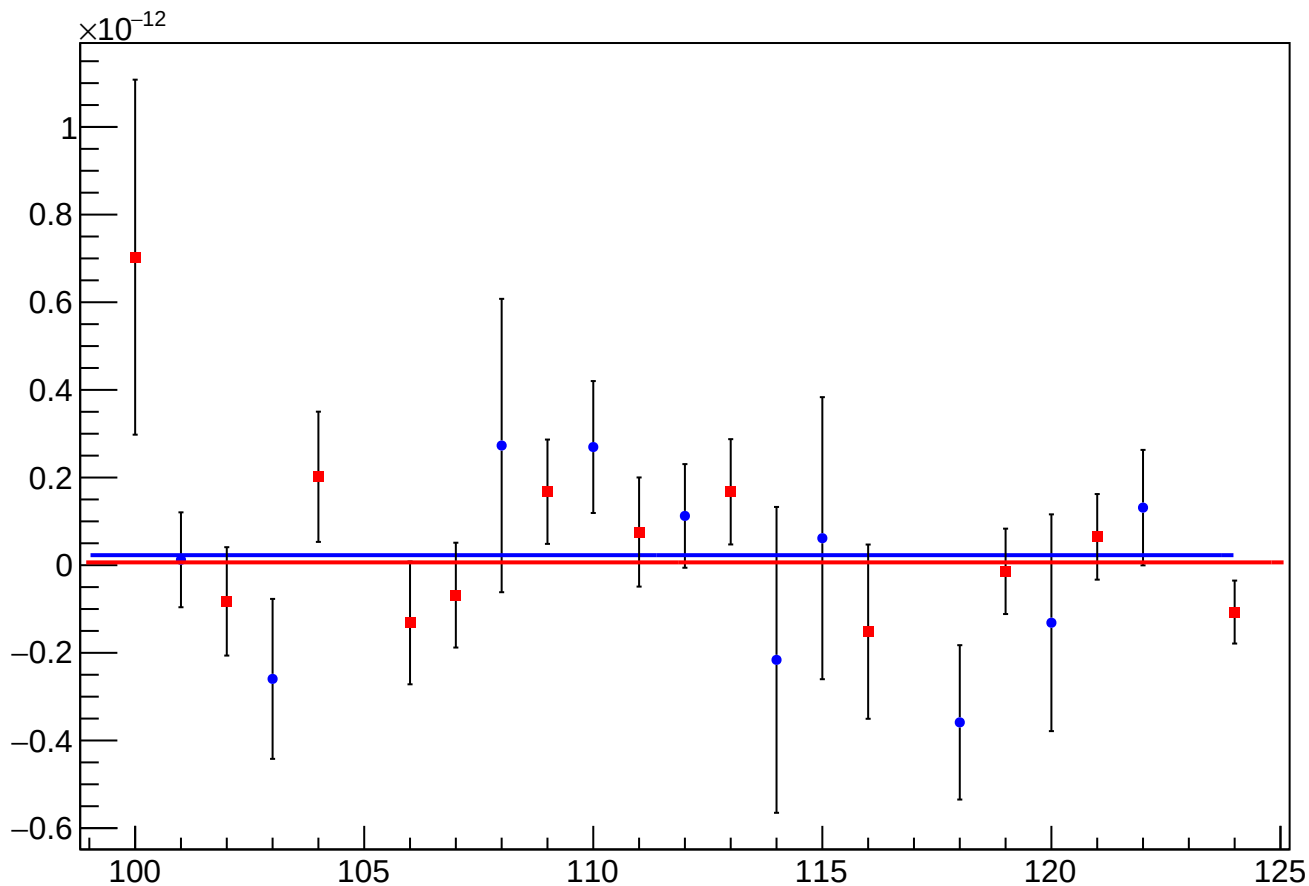
Right: 97.192+/-0.027 χ^2/NDF : 2929898.2/21

In: 98.932+/-0.039 χ^2/NDF : 1127803.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.192+/-0.027 χ^2/NDF : 2929898.2/21

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

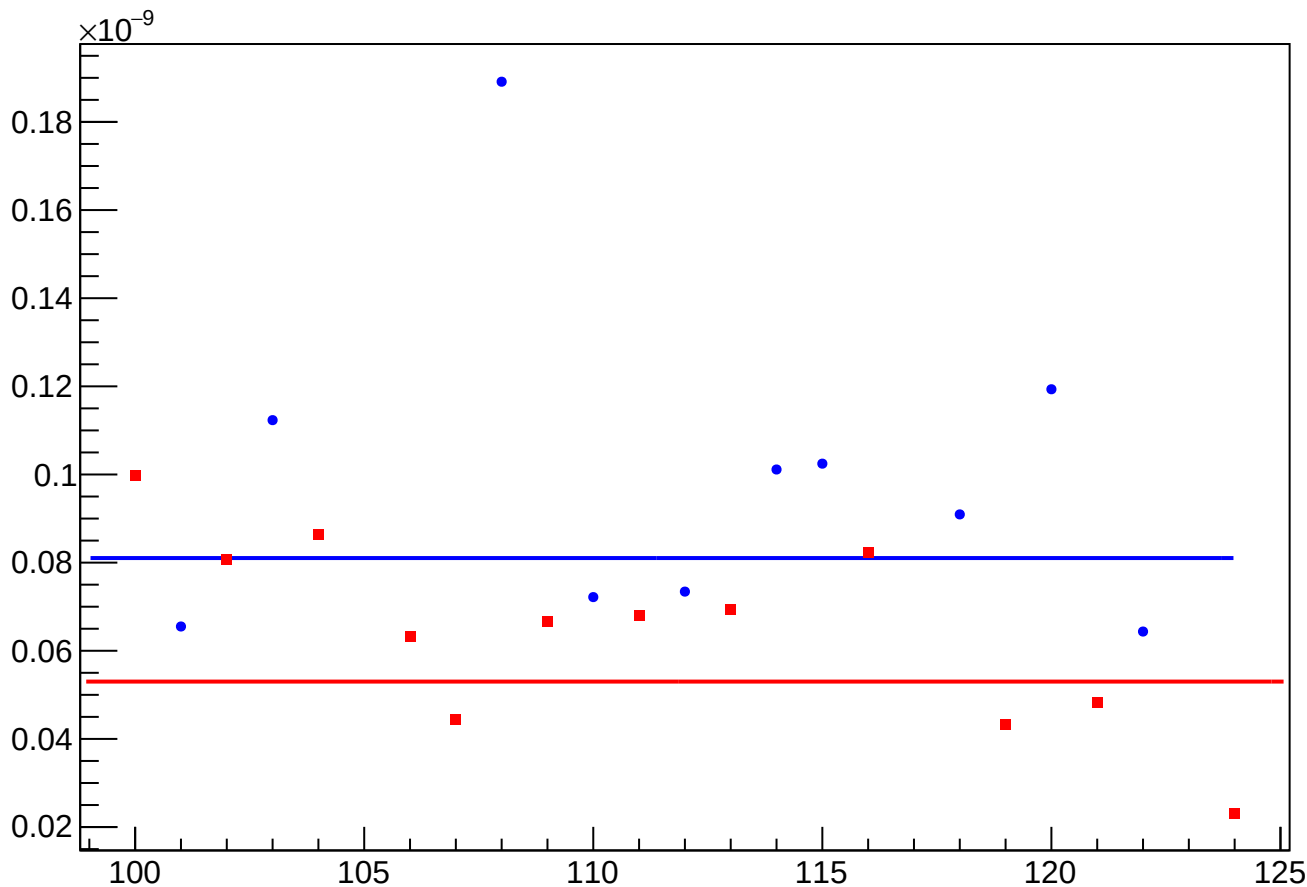
Right: 0.000+/-0.000 χ^2/NDF : 26.6/21

In: 0.000+/-0.000 χ^2/NDF : 12.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.6/21

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 425568.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 758972.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

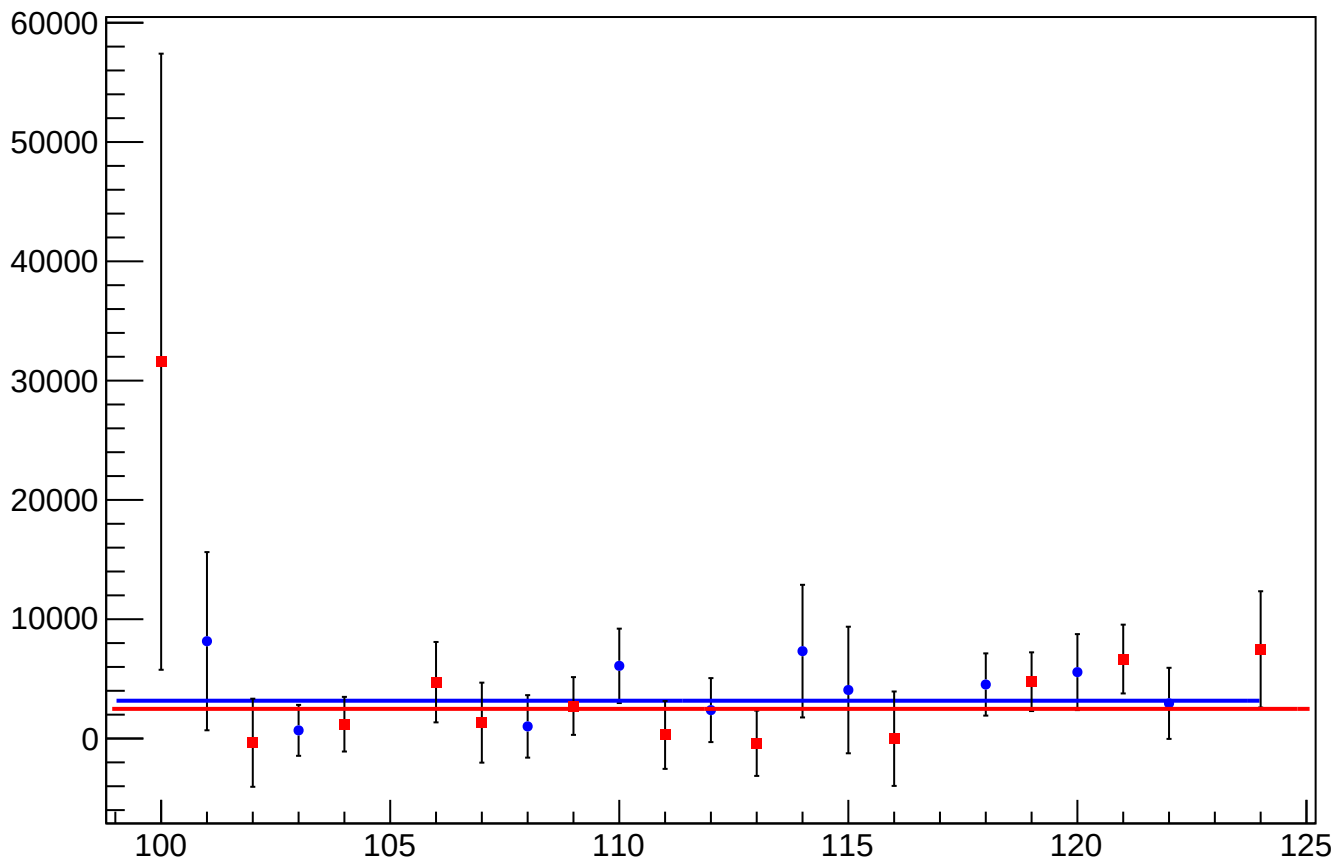
Right: 0.000+/-0.000 χ^2/NDF : 1587943.2/21

In: 0.000+/-0.000 χ^2/NDF : 425568.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1587943.2/21

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3168.700+/-975.350 χ^2/NDF : 4.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2484.918+/-890.348 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

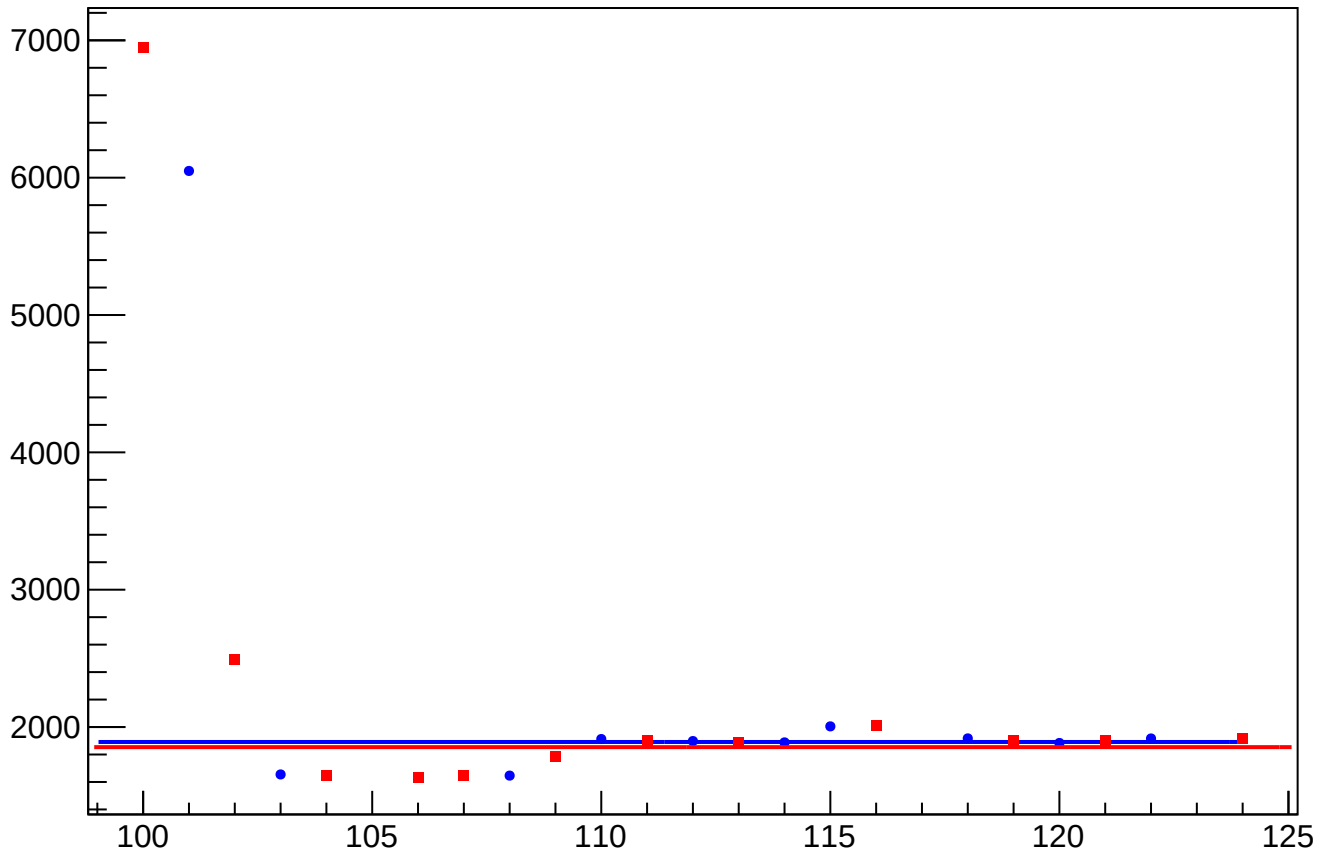
Right: 2795.720+/-657.573 χ^2/NDF : 14.0/21

In: 3168.700+/-975.350 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2795.720+/-657.573 χ^2/NDF : 14.0/21

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1891.236+/-0.690 χ^2/NDF : 663198.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1853.643+/-0.626 χ^2/NDF : 177916.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

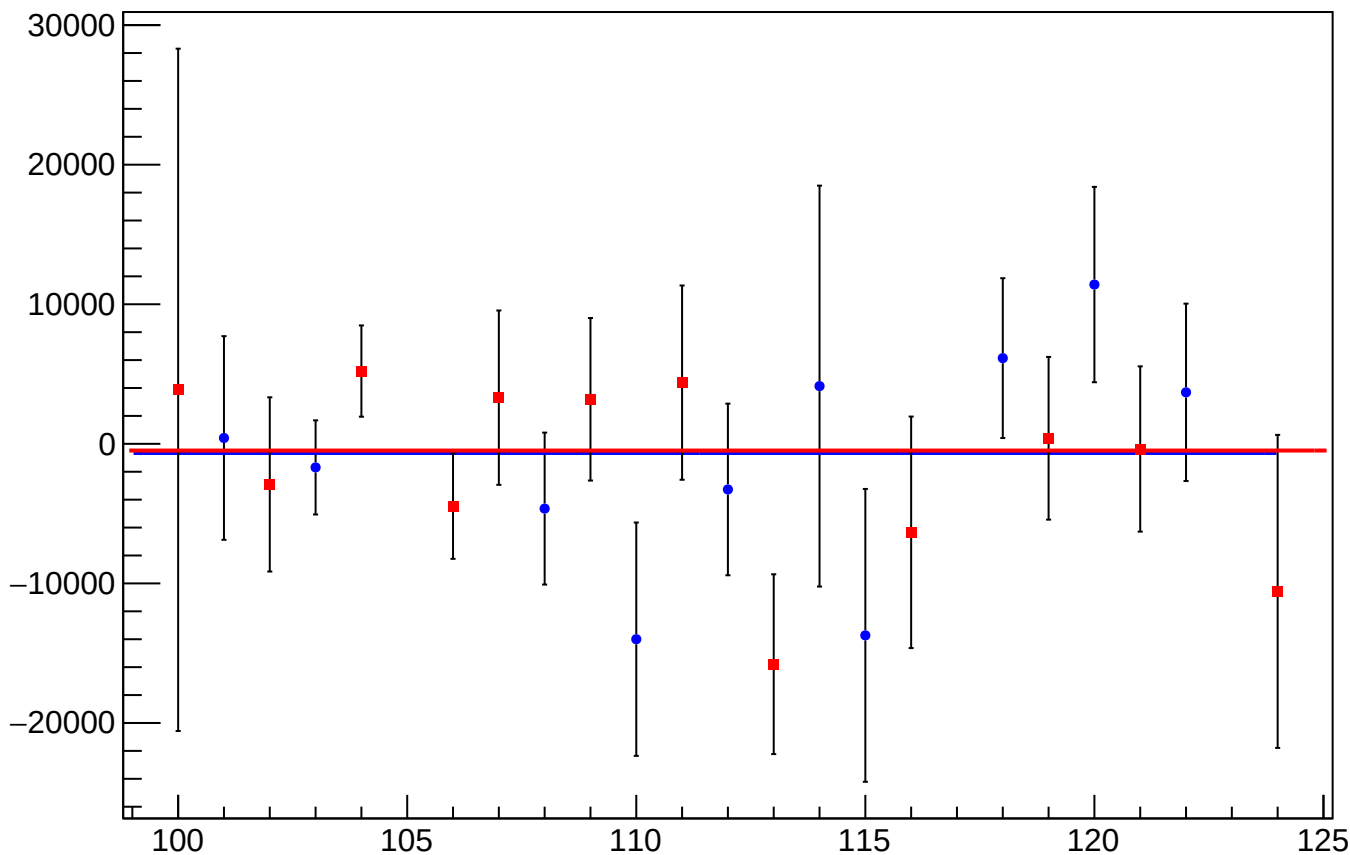
Right: 1870.629+/-0.464 χ^2/NDF : 842743.4/21

In: 1891.236+/-0.690 χ^2/NDF : 663198.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.629+/-0.464 χ^2/NDF : 842743.4/21

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -653.803+/-1921.611 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -480.711+/-1641.414 χ^2/NDF : 12.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

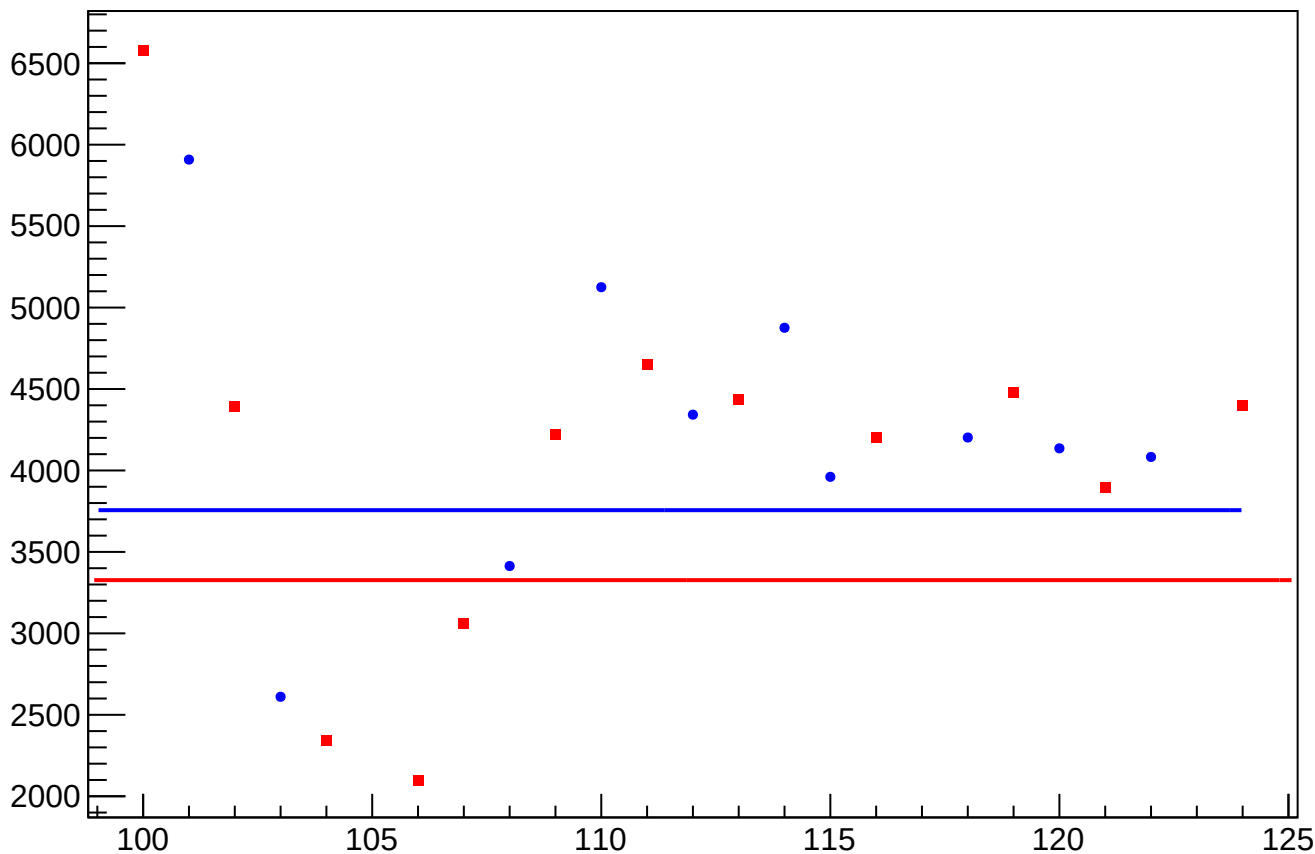
Right: -553.729+/-1248.076 χ^2/NDF : 22.5/21

In: -653.803+/-1921.611 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -553.729+/-1248.076 χ^2/NDF : 22.5/21

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3756.229+/-1.359 χ^2/NDF : 520760.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3326.772+/-1.161 χ^2/NDF : 806800.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

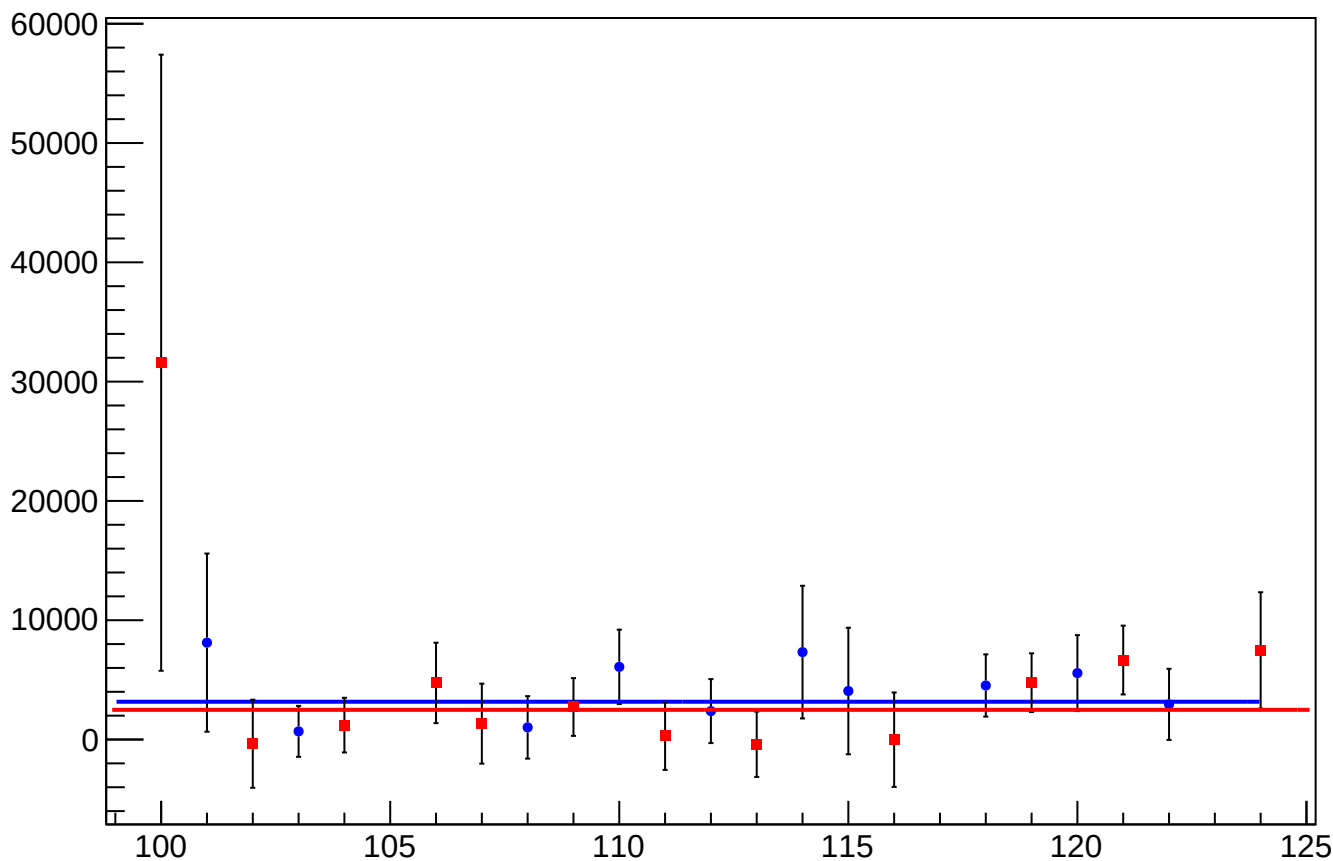
Right: 3507.935+/-0.883 χ^2/NDF : 1385315.4/21

In: 3756.229+/-1.359 χ^2/NDF : 520760.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3507.935+/-0.883 χ^2/NDF : 1385315.4/21

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3167.556 $\pm$ 975.350 χ^2 /NDF: 4.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2486.807 $\pm$ 890.357 χ^2 /NDF: 8.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

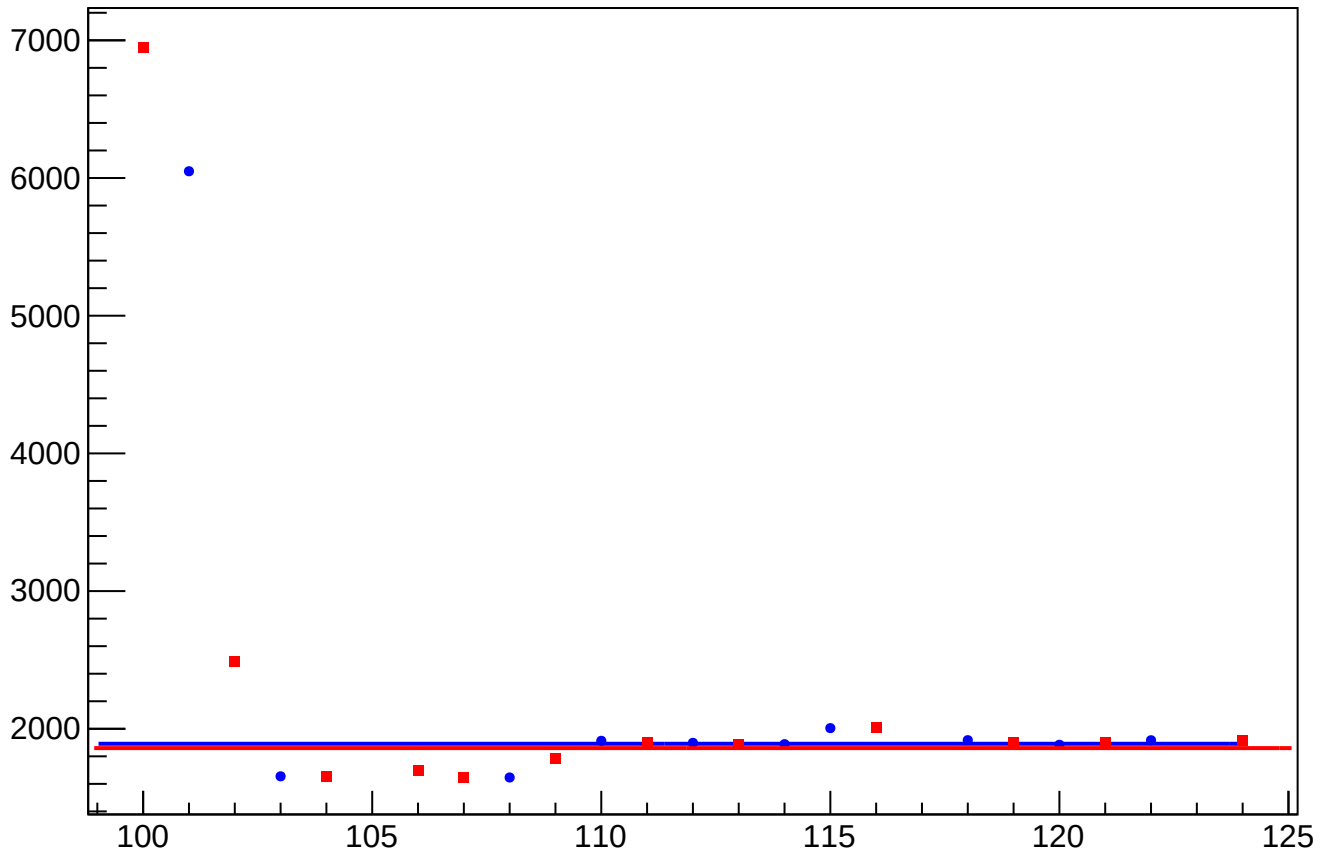
Right: 2796.234 $\pm$ 657.576 χ^2 /NDF: 14.0/21

In: 3167.556 $\pm$ 975.350 χ^2 /NDF: 4.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2796.234 $\pm$ 657.576 χ^2 /NDF: 14.0/21

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1891.237+/-0.690 χ^2/NDF : 663197.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1859.662+/-0.628 χ^2/NDF : 172567.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

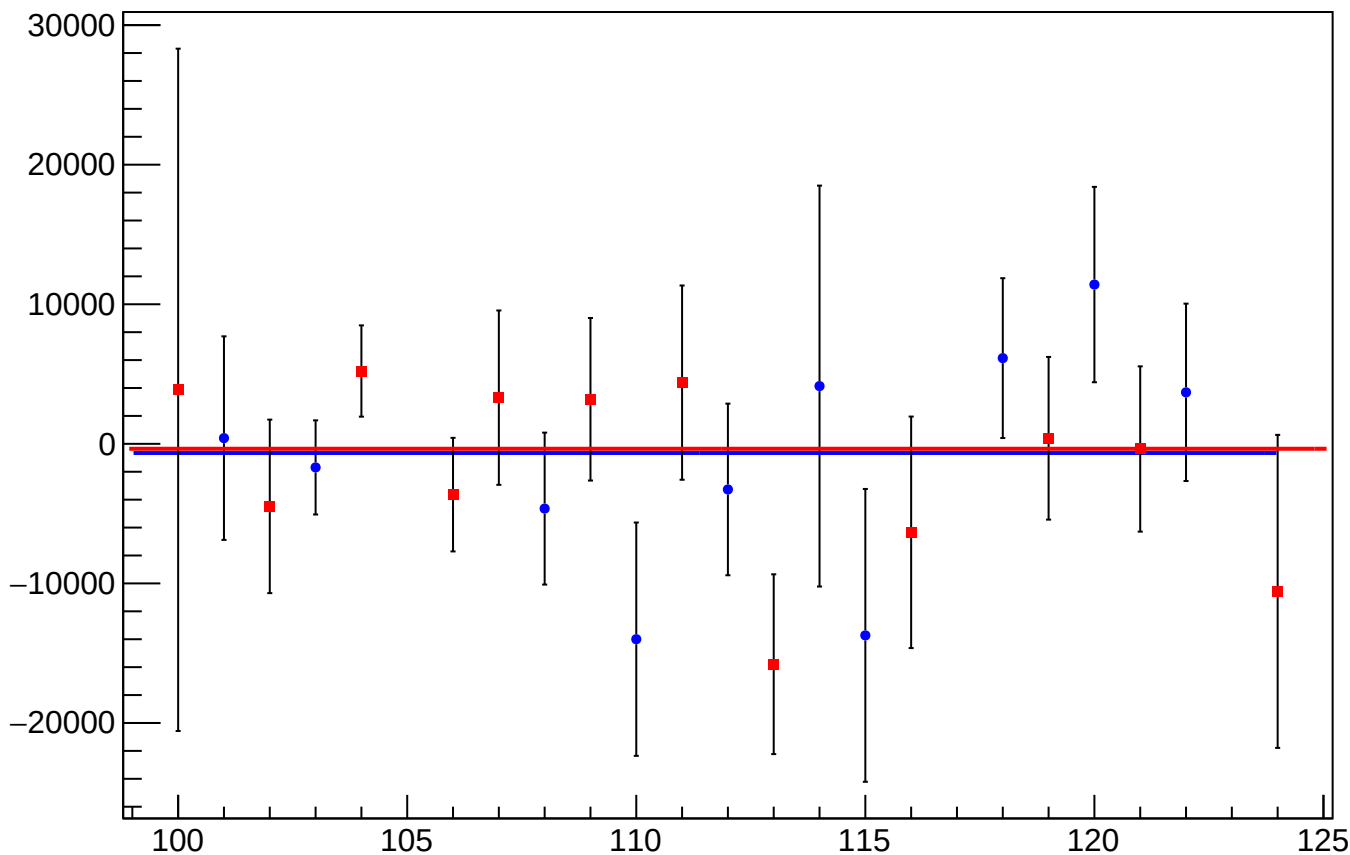
Right: 1873.975+/-0.464 χ^2/NDF : 836911.2/21

In: 1891.237+/-0.690 χ^2/NDF : 663197.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1873.975+/-0.464 χ^2/NDF : 836911.2/21

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -654.320+/-1921.618 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -352.525+/-1662.449 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

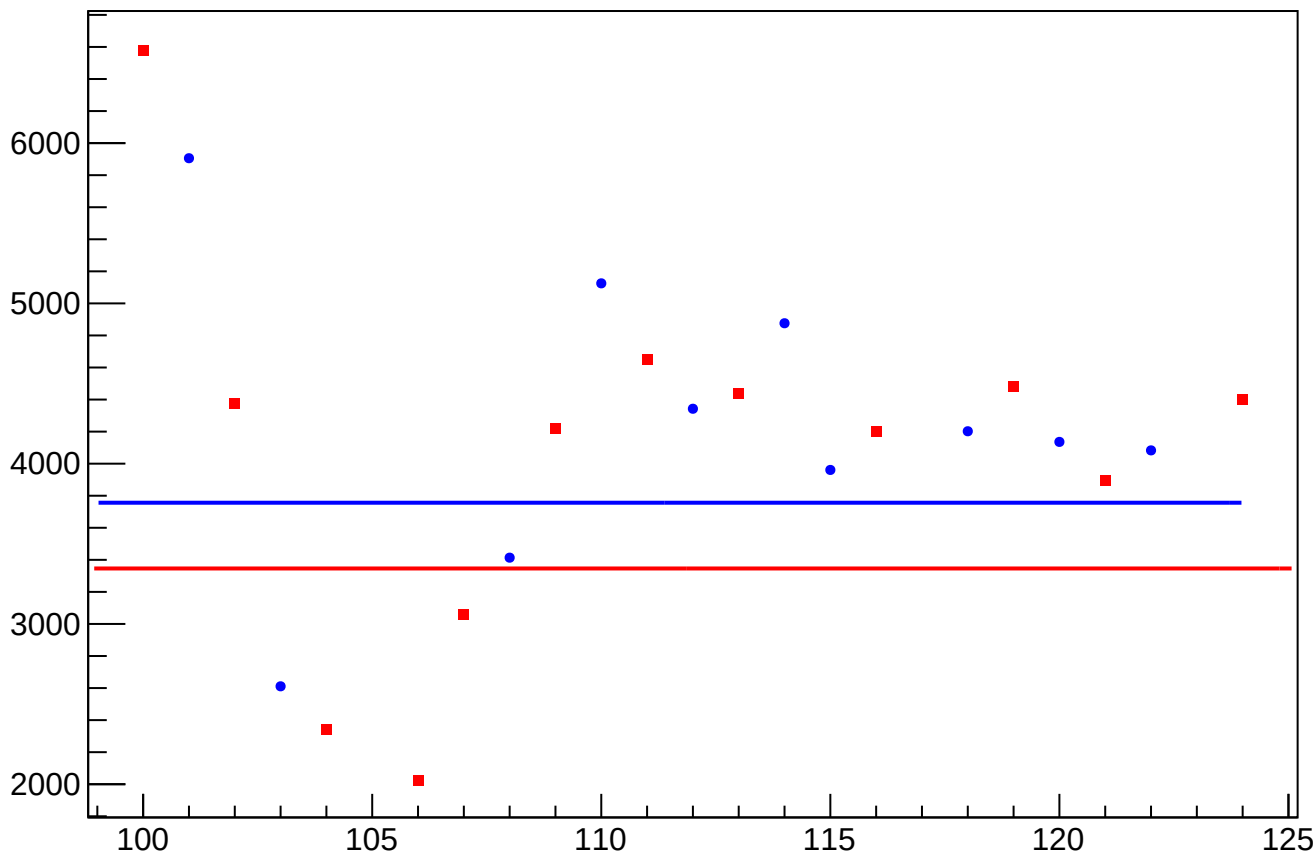
Right: -481.713+/-1257.251 χ^2/NDF : 22.2/21

In: -654.320+/-1921.618 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -481.713+/-1257.251 χ^2/NDF : 22.2/21

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3756.366+/-1.359 χ^2/NDF : 520311.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3346.091+/-1.176 χ^2/NDF : 798200.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

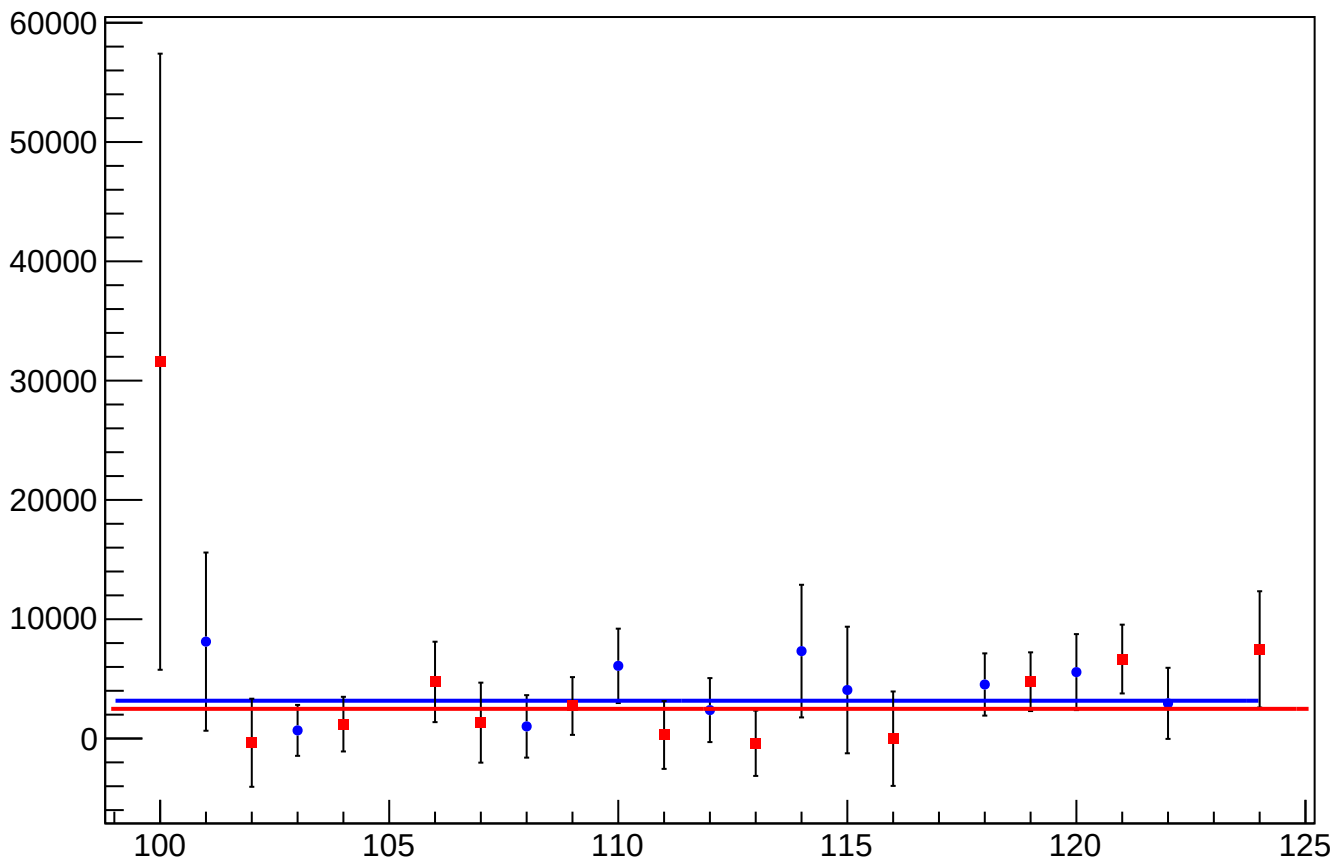
Right: 3521.715+/-0.889 χ^2/NDF : 1370654.7/21

In: 3756.366+/-1.359 χ^2/NDF : 520311.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3521.715+/-0.889 χ^2/NDF : 1370654.7/21

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3167.556+/-975.350 χ^2/NDF : 4.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2486.807+/-890.357 χ^2/NDF : 8.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

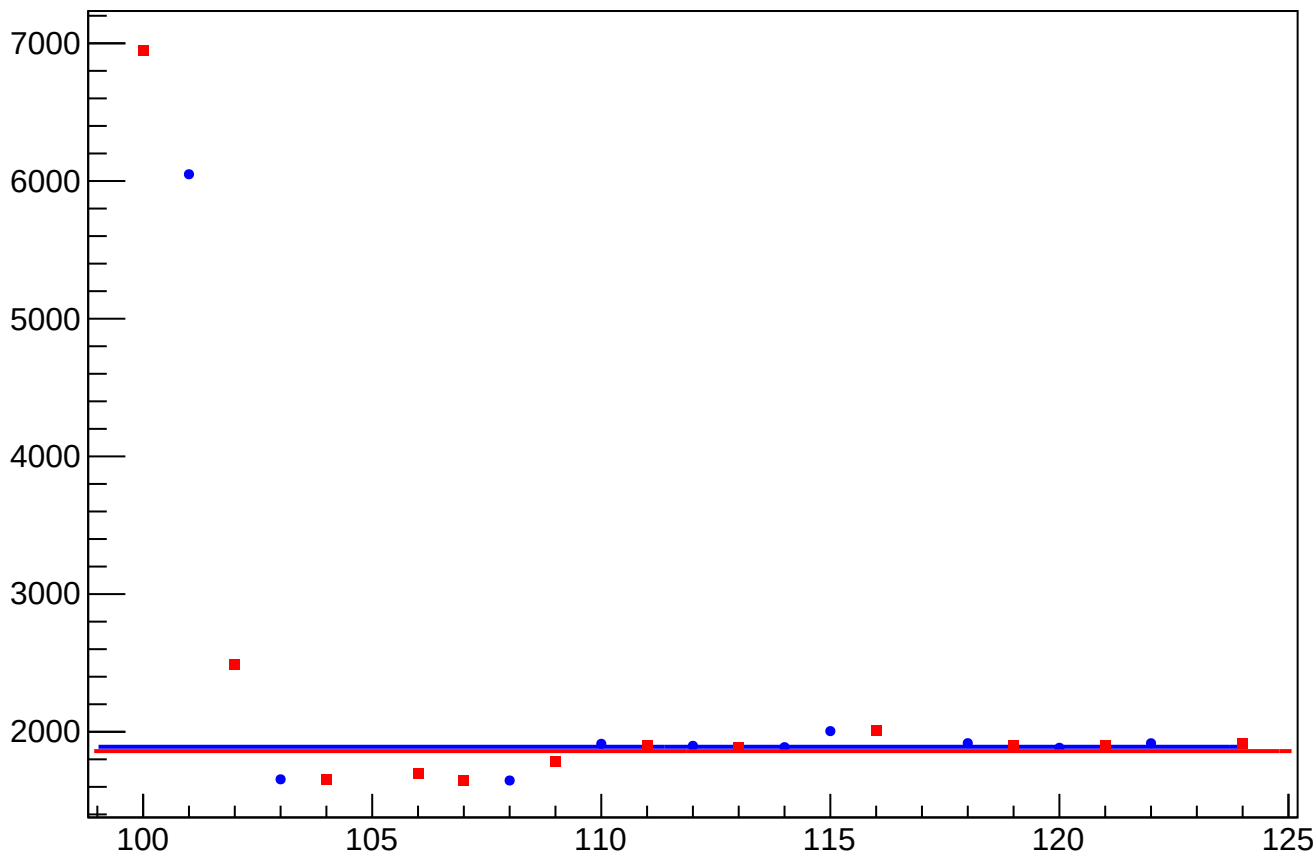
Right: 2796.234+/-657.576 χ^2/NDF : 14.0/21

In: 3167.556+/-975.350 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2796.234+/-657.576 χ^2/NDF : 14.0/21

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1891.237+/-0.690 χ^2/NDF : 663197.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1859.662+/-0.628 χ^2/NDF : 172567.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

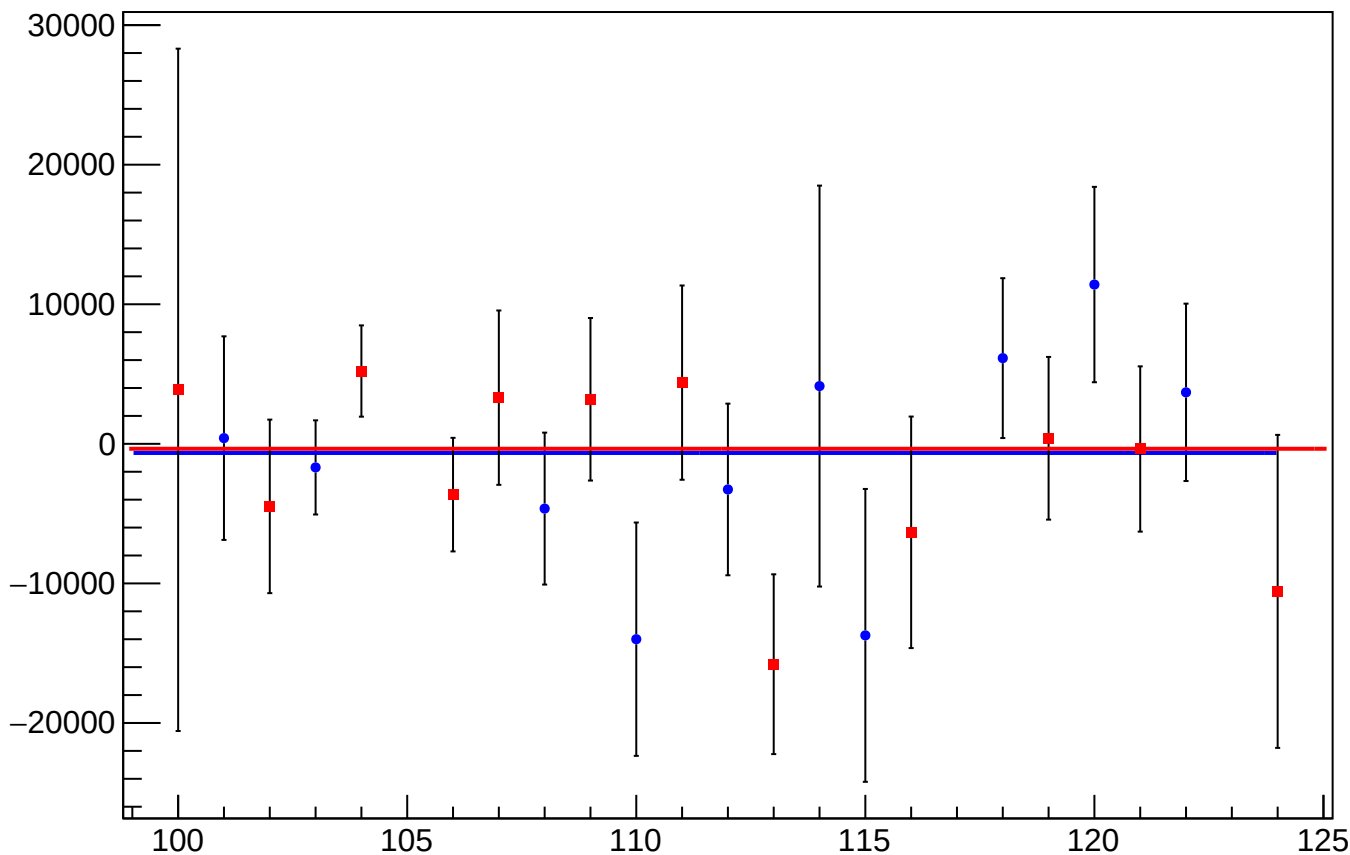
Right: 1873.975+/-0.464 χ^2/NDF : 836911.2/21

In: 1891.237+/-0.690 χ^2/NDF : 663197.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1873.975+/-0.464 χ^2/NDF : 836911.2/21

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -654.320+/-1921.618 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -352.525+/-1662.449 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

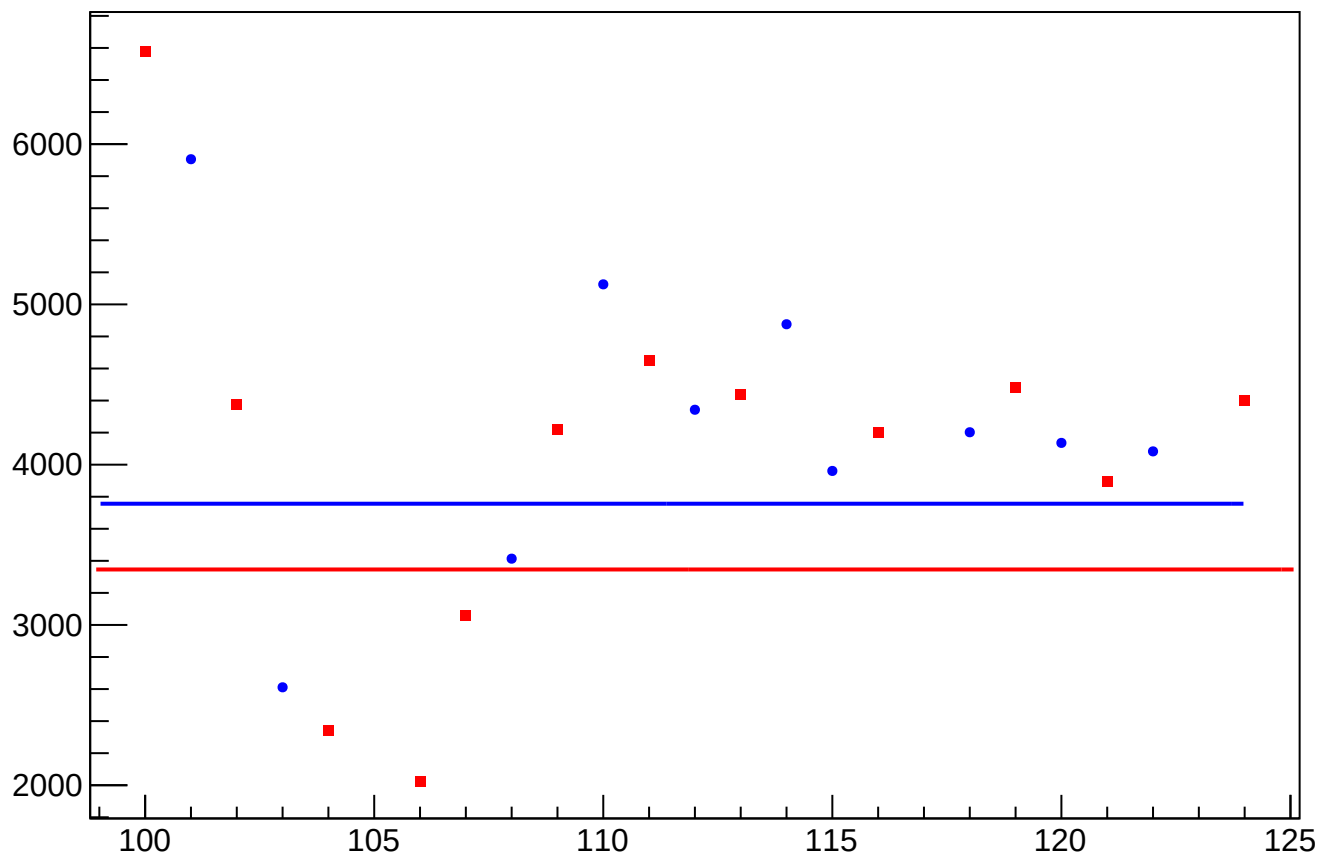
Right: -481.713+/-1257.251 χ^2/NDF : 22.2/21

In: -654.320+/-1921.618 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -481.713+/-1257.251 χ^2/NDF : 22.2/21

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3756.366+/-1.359 χ^2/NDF : 520311.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3346.091+/-1.176 χ^2/NDF : 798200.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

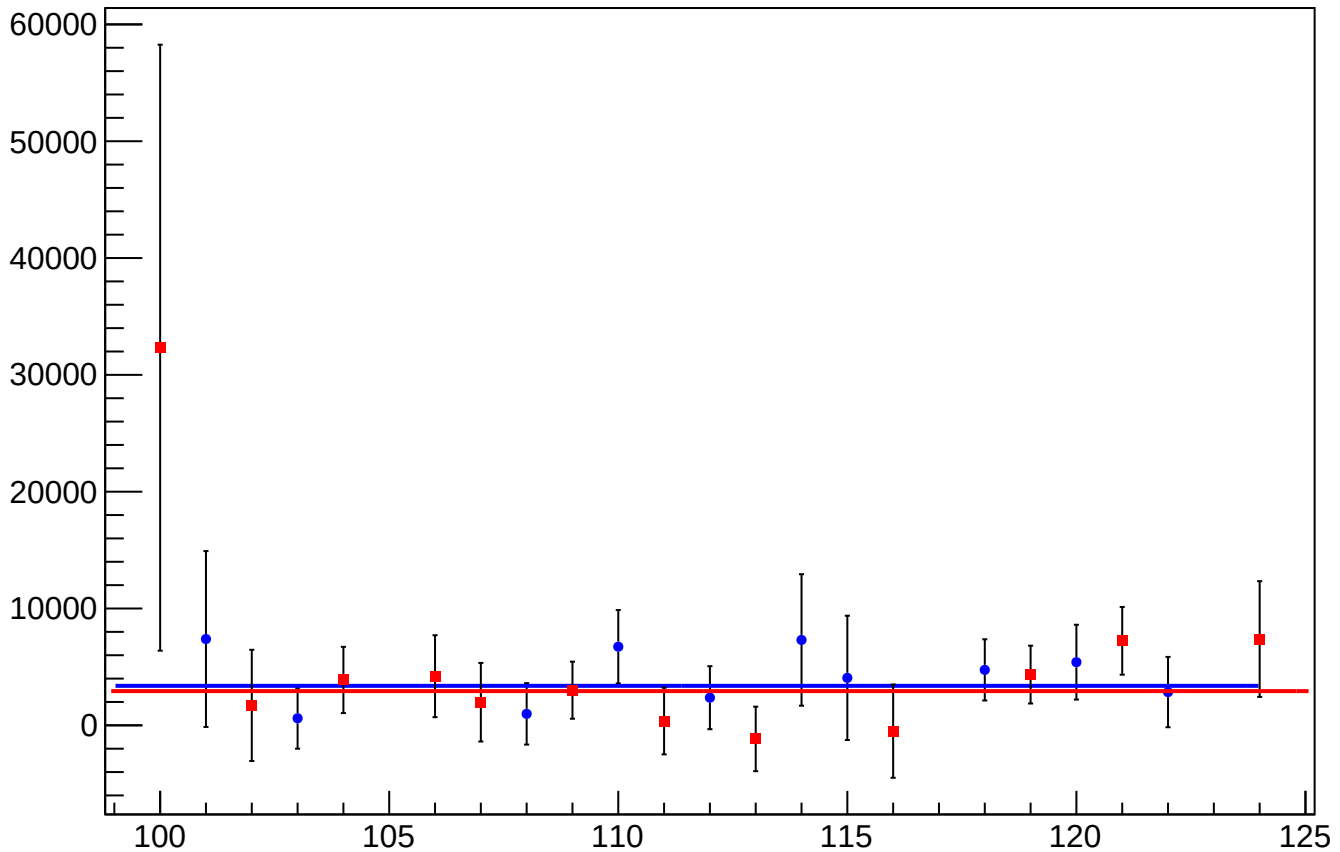
Right: 3521.715+/-0.889 χ^2/NDF : 1370654.7/21

In: 3756.366+/-1.359 χ^2/NDF : 520311.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3521.715+/-0.889 χ^2/NDF : 1370654.7/21

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3381.181+/-1015.995 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2929.642+/-933.829 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

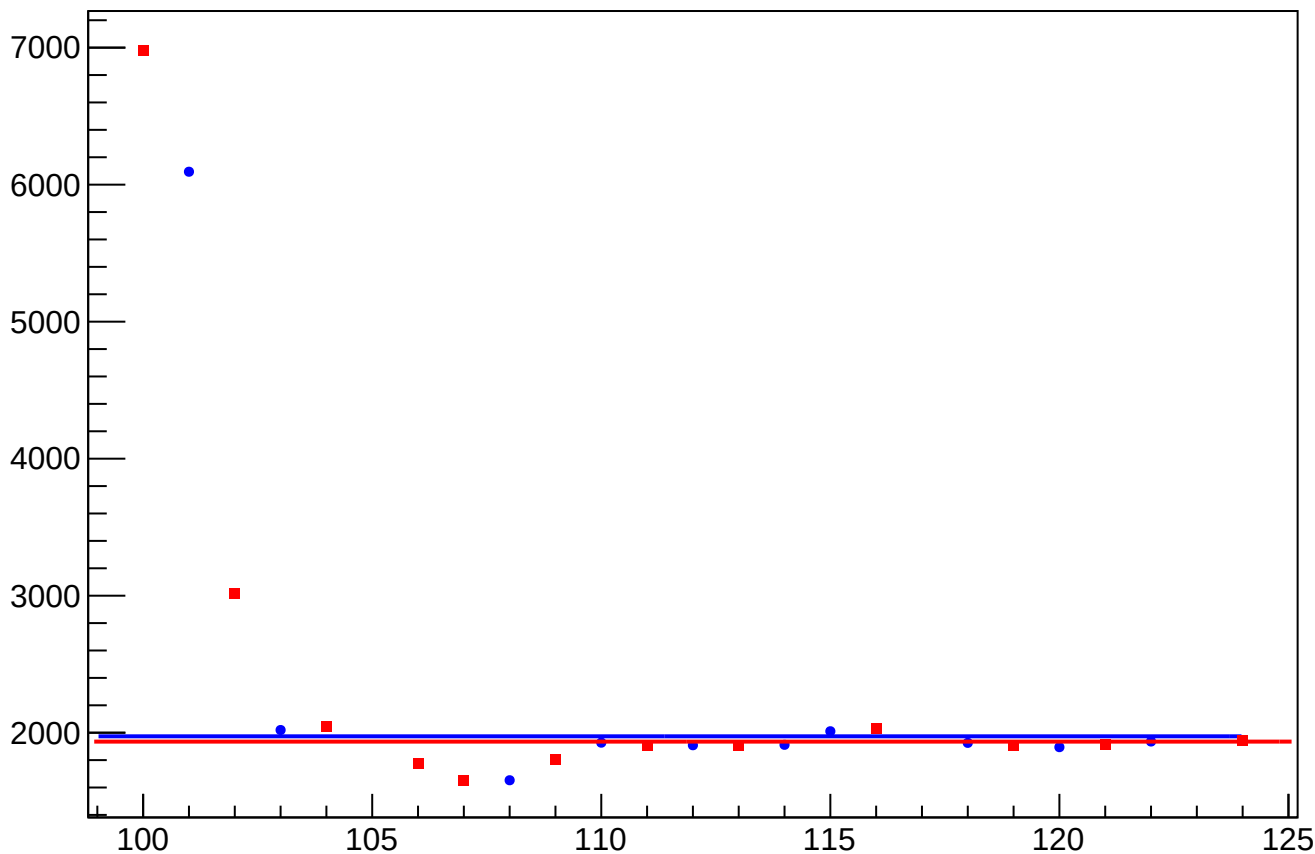
Right: 3136.417+/-687.532 χ^2/NDF : 13.6/21

In: 3381.181+/-1015.995 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3136.417+/-687.532 χ^2/NDF : 13.6/21

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1973.651+/-0.718 χ^2/NDF : 633824.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1935.031+/-0.659 χ^2/NDF : 208620.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

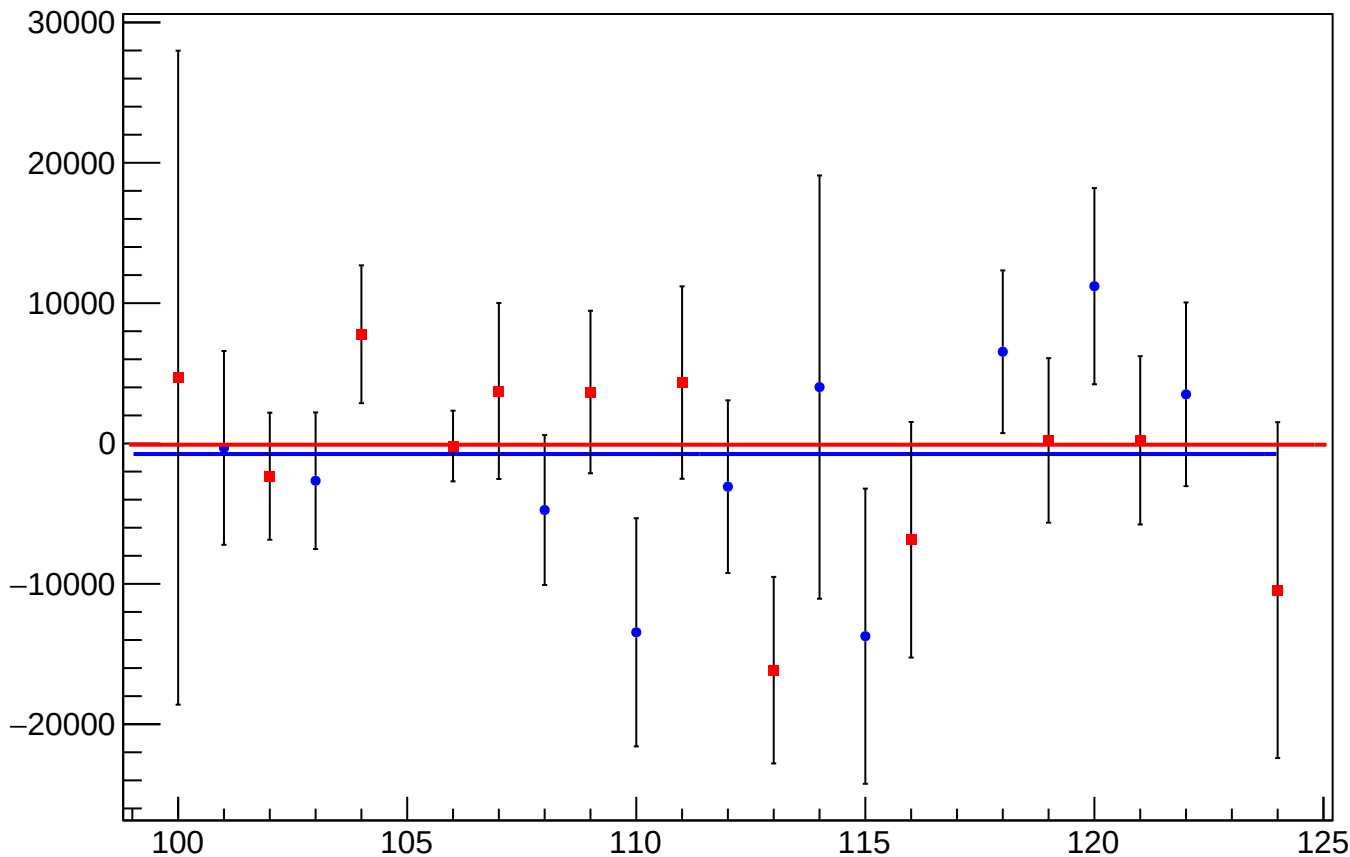
Right: 1952.689+/-0.486 χ^2/NDF : 844013.2/21

In: 1973.651+/-0.718 χ^2/NDF : 633824.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.689+/-0.486 χ^2/NDF : 844013.2/21

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -749.394+/-2099.391 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.678+/-1529.556 χ^2/NDF : 11.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

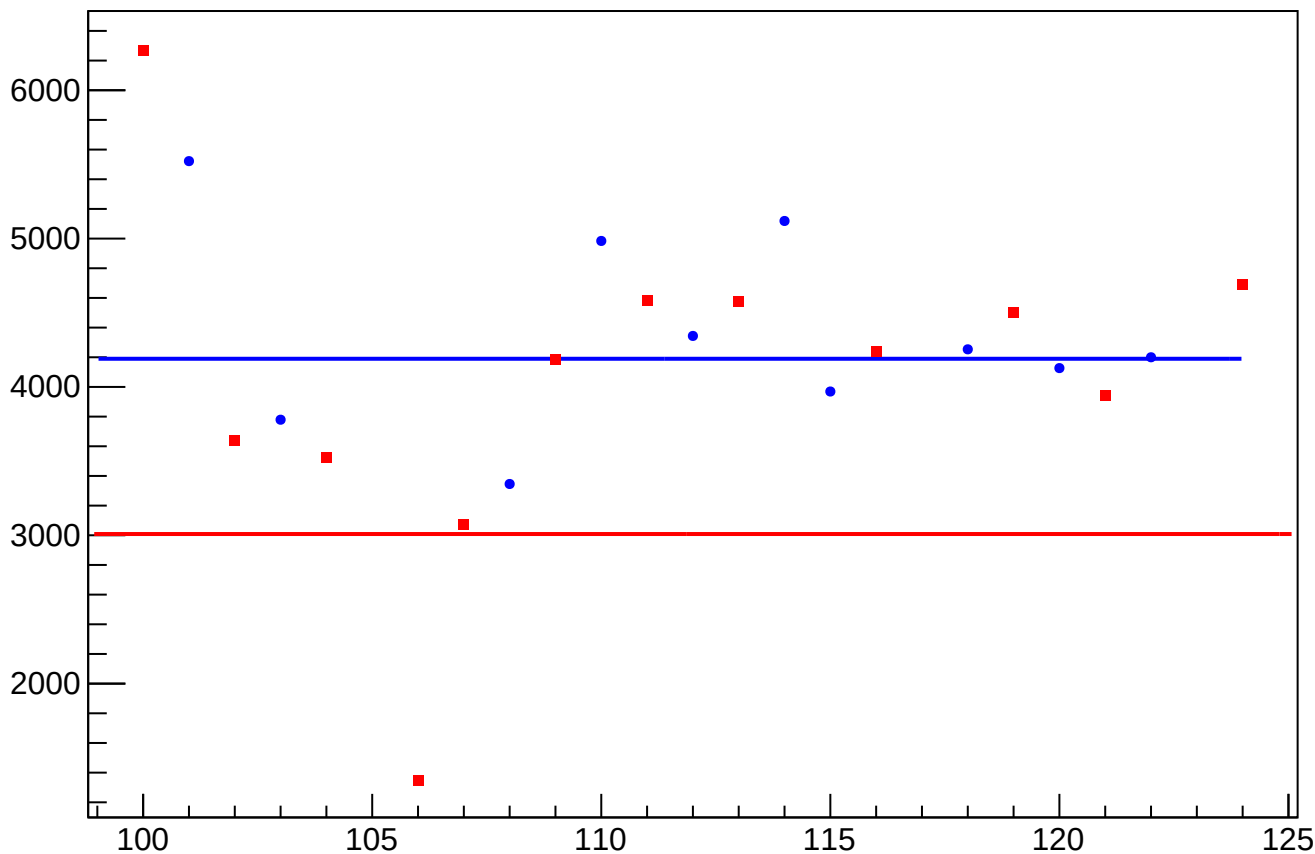
Right: -315.824+/-1236.243 χ^2/NDF : 21.2/21

In: -749.394+/-2099.391 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.824+/-1236.243 χ^2/NDF : 21.2/21

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4189.910+/-1.484 χ^2/NDF : 167932.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3008.485+/-1.082 χ^2/NDF : 1532309.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

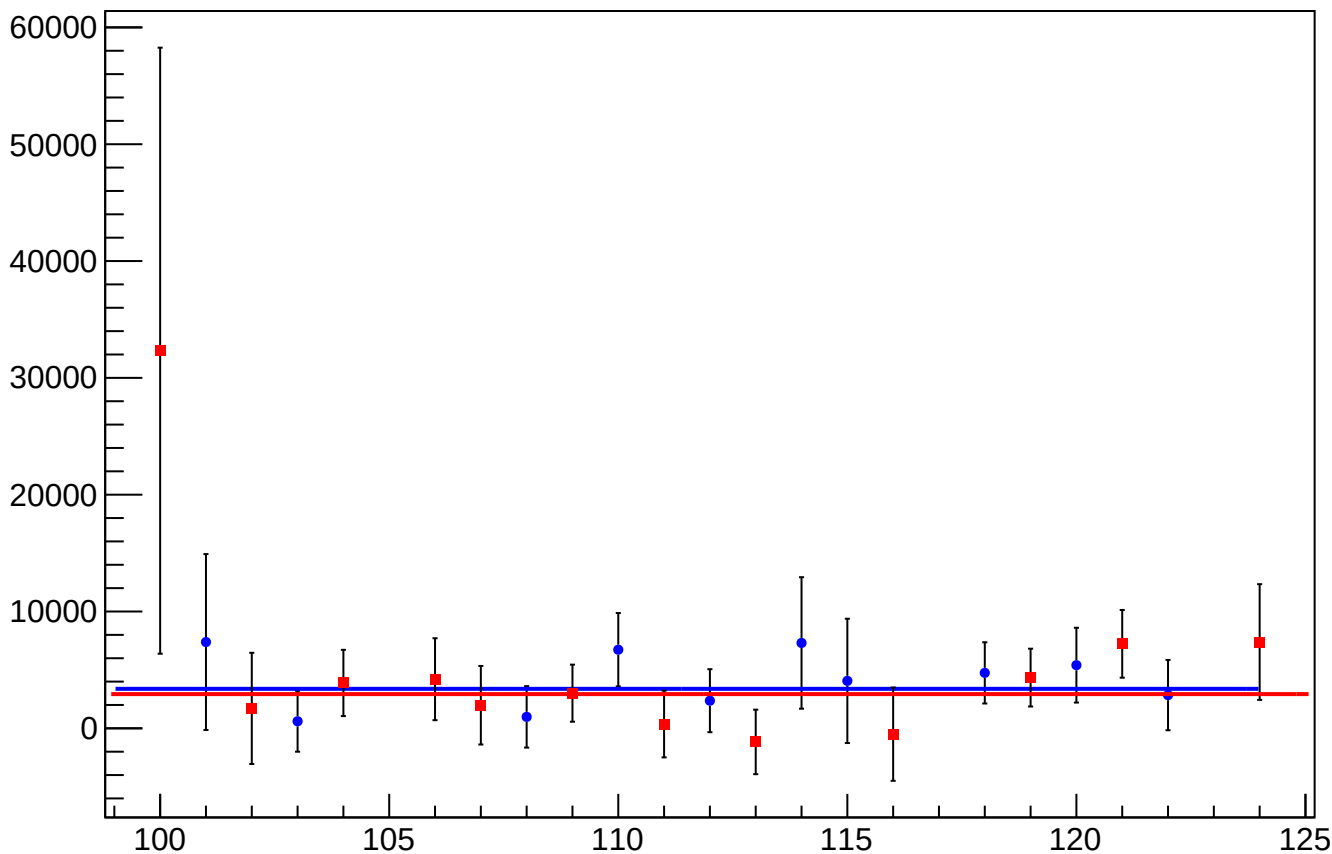
Right: 3418.148+/-0.874 χ^2/NDF : 2113987.8/21

In: 4189.910+/-1.484 χ^2/NDF : 167932.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3418.148+/-0.874 χ^2/NDF : 2113987.8/21

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3381.177+/-1015.995 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2929.649+/-933.829 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

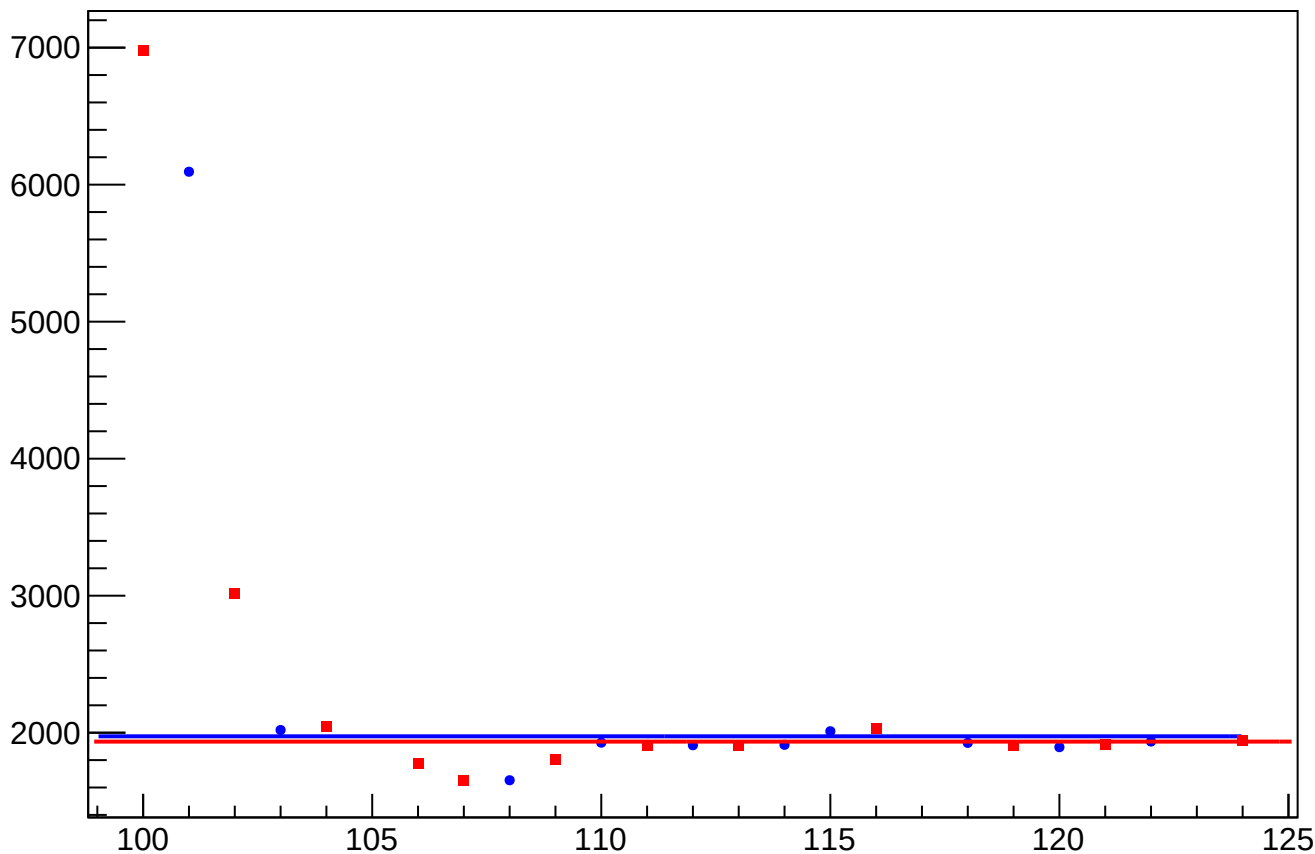
Right: 3136.419+/-687.532 χ^2/NDF : 13.6/21

In: 3381.177+/-1015.995 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3136.419+/-687.532 χ^2/NDF : 13.6/21

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1973.651+/-0.718 χ^2/NDF : 633824.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1935.031+/-0.659 χ^2/NDF : 208619.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

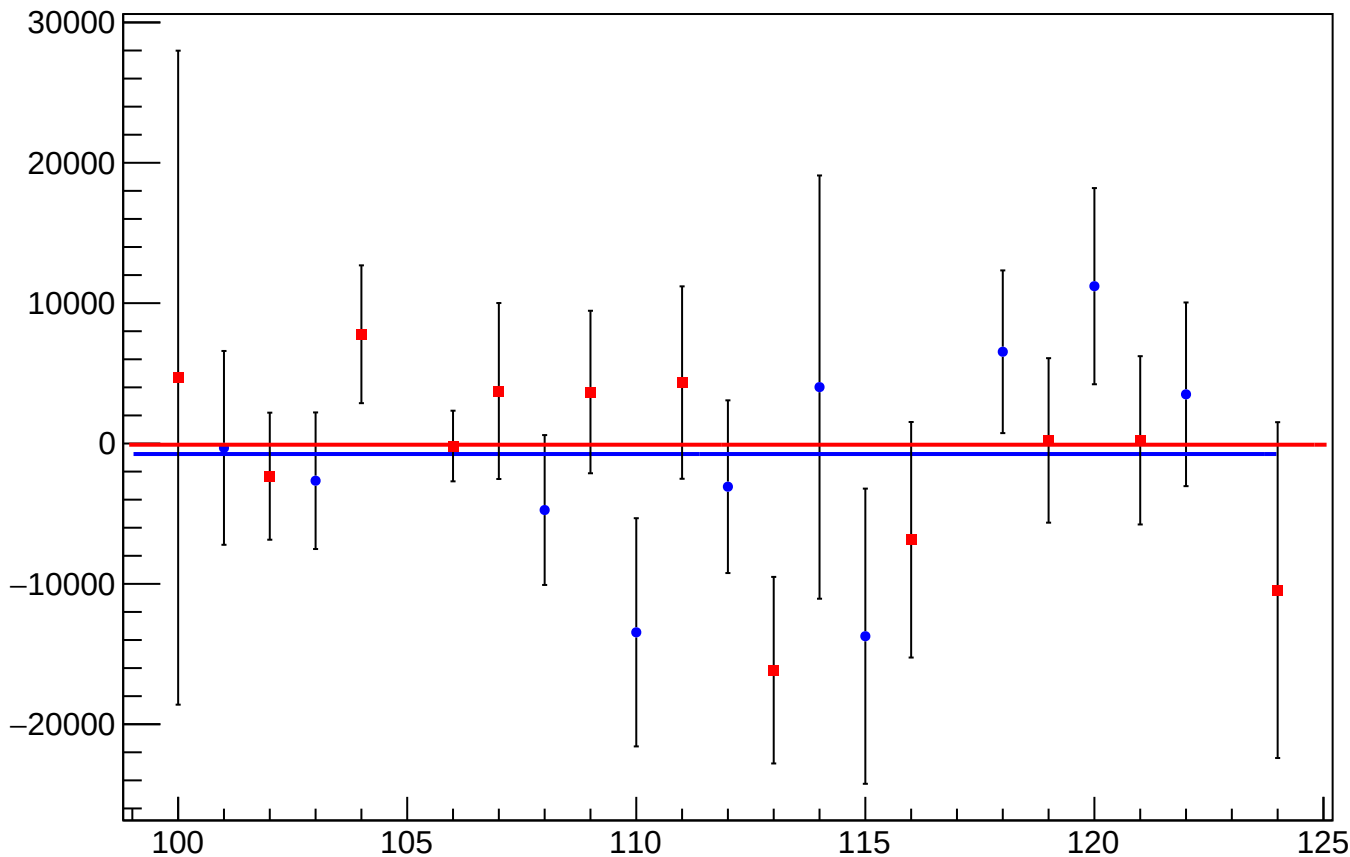
Right: 1952.689+/-0.486 χ^2/NDF : 844012.9/21

In: 1973.651+/-0.718 χ^2/NDF : 633824.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.689+/-0.486 χ^2/NDF : 844012.9/21

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -749.383+/-2099.387 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.680+/-1529.553 χ^2/NDF : 11.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

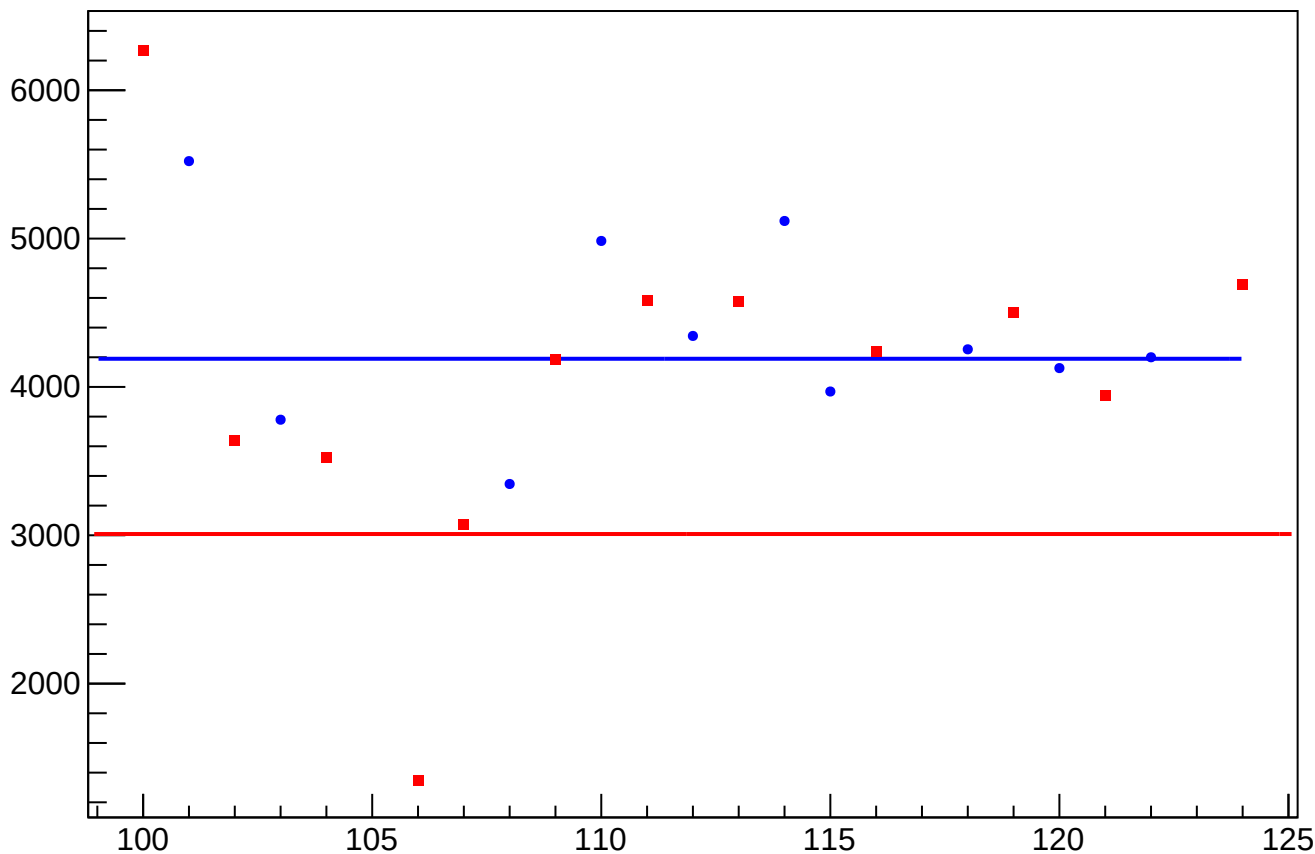
Right: -315.822+/-1236.240 χ^2/NDF : 21.2/21

In: -749.383+/-2099.387 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.822+/-1236.240 χ^2/NDF : 21.2/21

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4189.902+/-1.484 χ^2/NDF : 167931.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3008.477+/-1.082 χ^2/NDF : 1532312.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

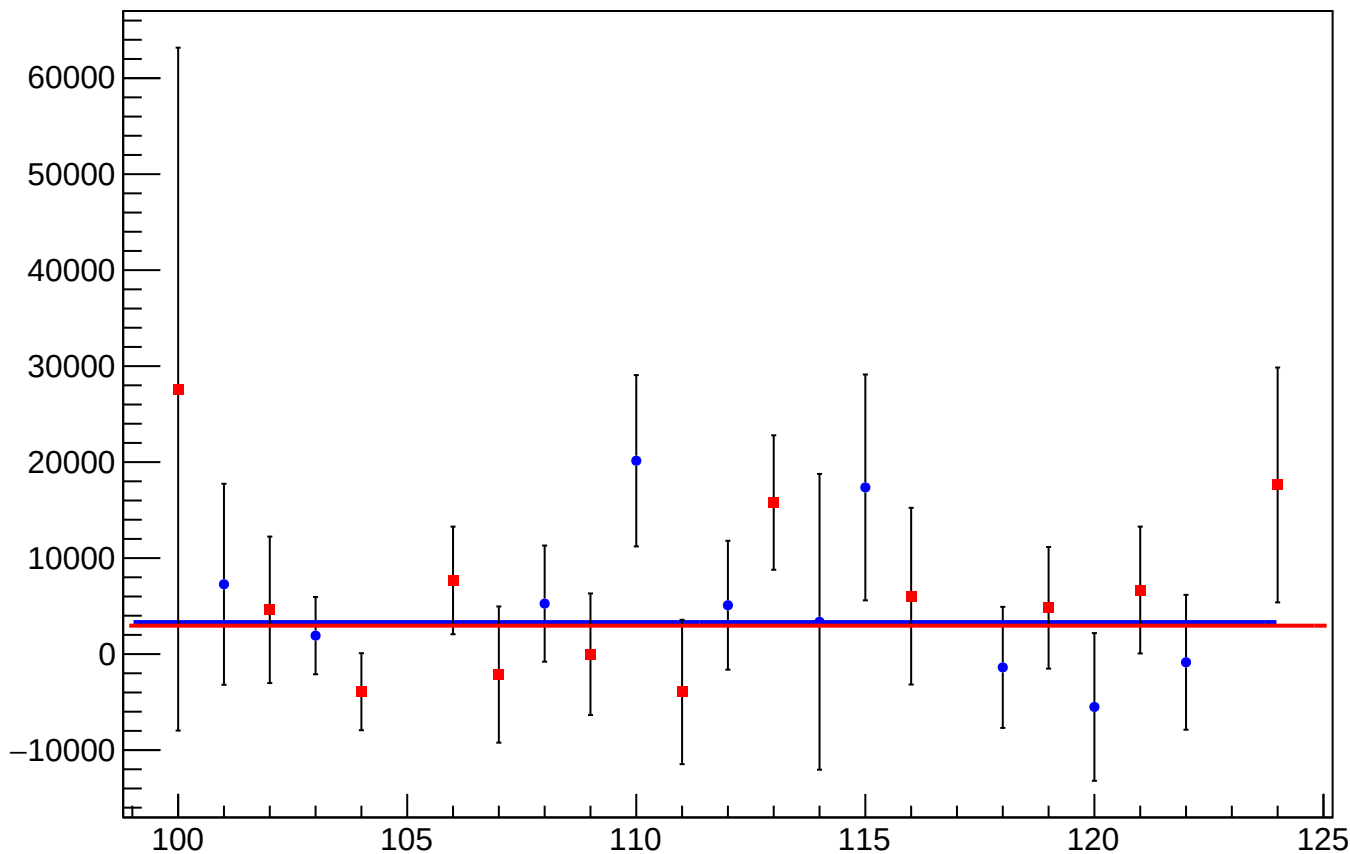
Right: 3418.140+/-0.874 χ^2/NDF : 2113990.3/21

In: 4189.902+/-1.484 χ^2/NDF : 167931.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3418.140+/-0.874 χ^2/NDF : 2113990.3/21

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3335.336+/-2199.838 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2961.810+/-1957.227 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

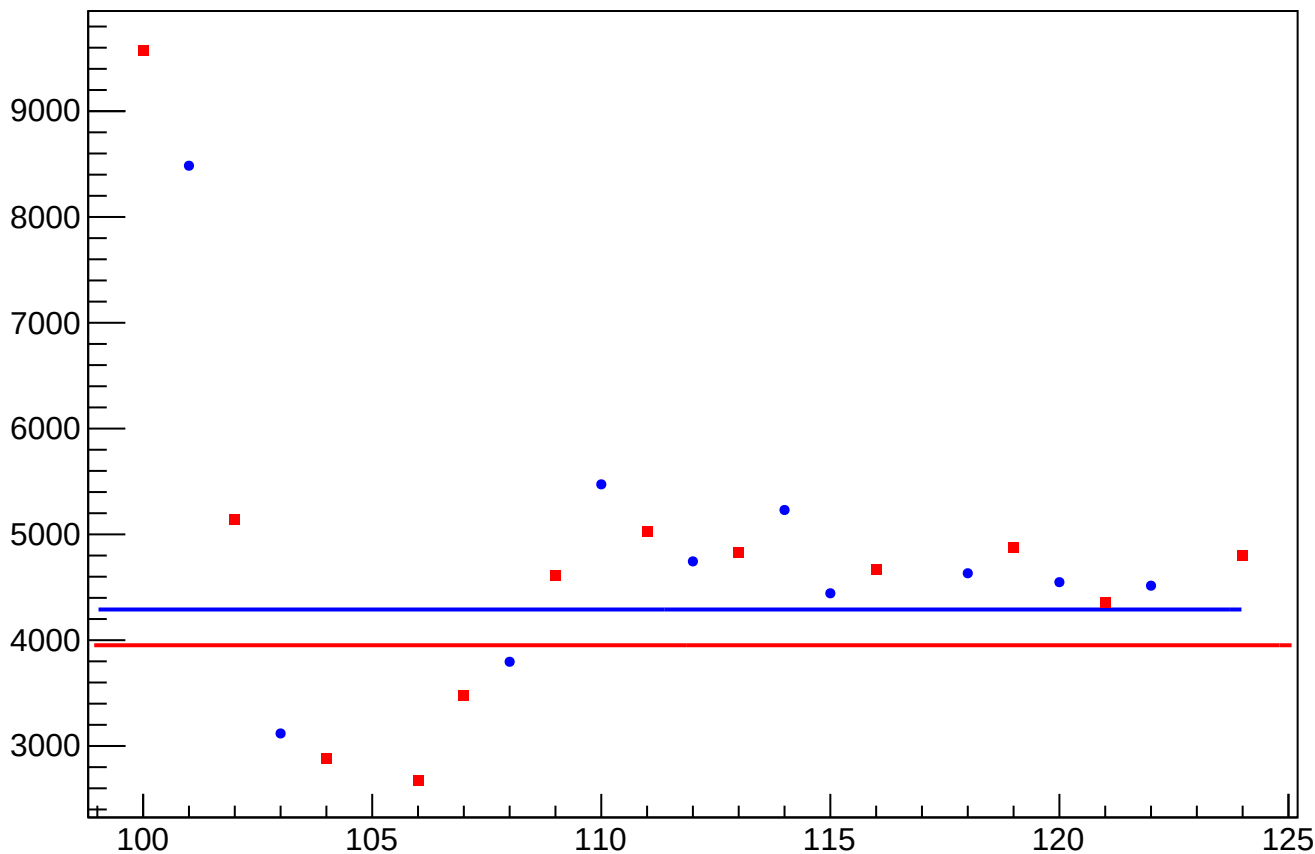
Right: 3126.848+/-1462.250 χ^2/NDF : 18.7/21

In: 3335.336+/-2199.838 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3126.848+/-1462.250 χ^2/NDF : 18.7/21

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4290.018+/-1.556 χ^2/NDF : 566051.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3952.113+/-1.368 χ^2/NDF : 538591.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

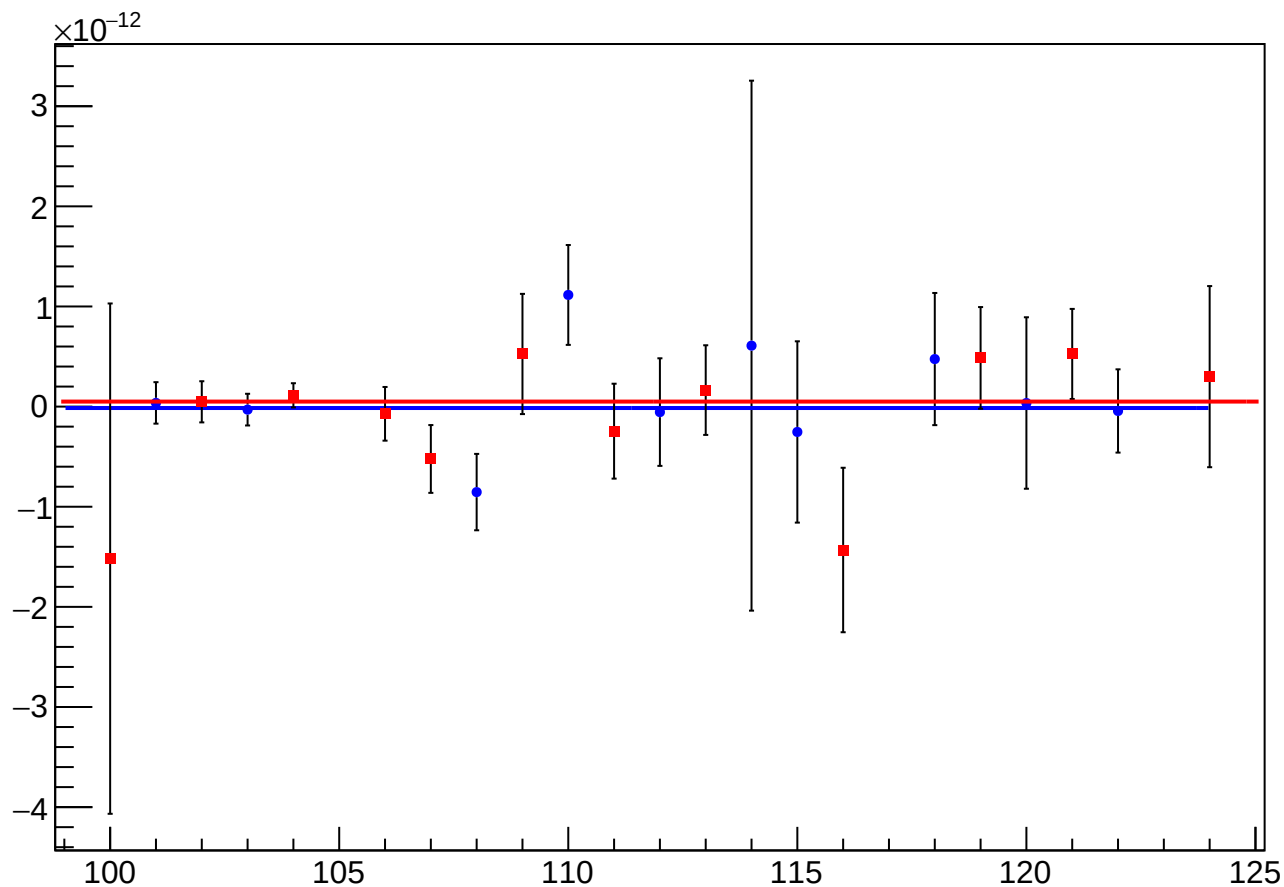
Right: 4099.436+/-1.027 χ^2/NDF : 1131257.4/21

In: 4290.018+/-1.556 χ^2/NDF : 566051.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4099.436+/-1.027 χ^2/NDF : 1131257.4/21

asym_atr_avg_reg_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 : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

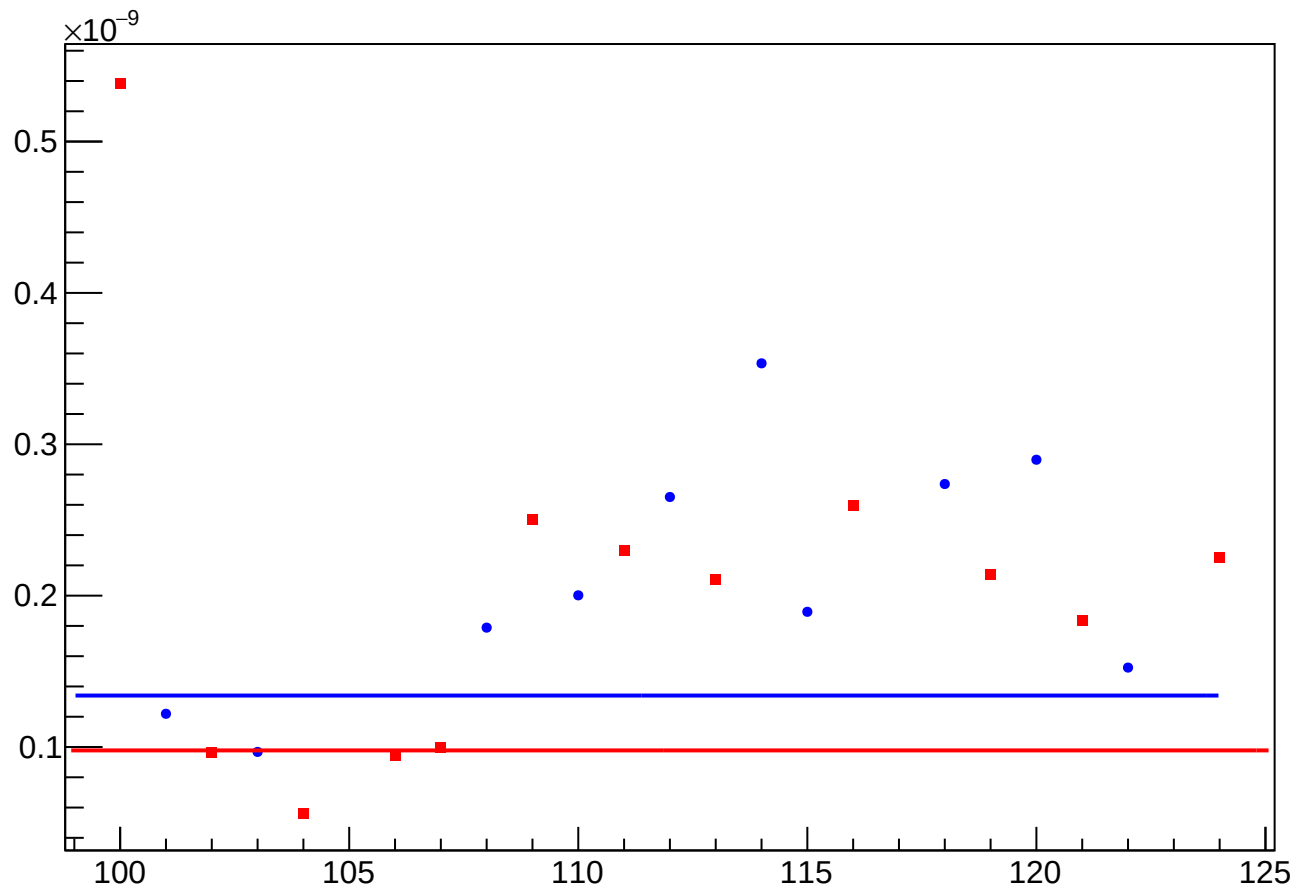
Right: 0.000+/-0.000 χ^2/NDF : 20.9/21

In: -0.000+/-0.000 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.9/21

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 480700.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1005560.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

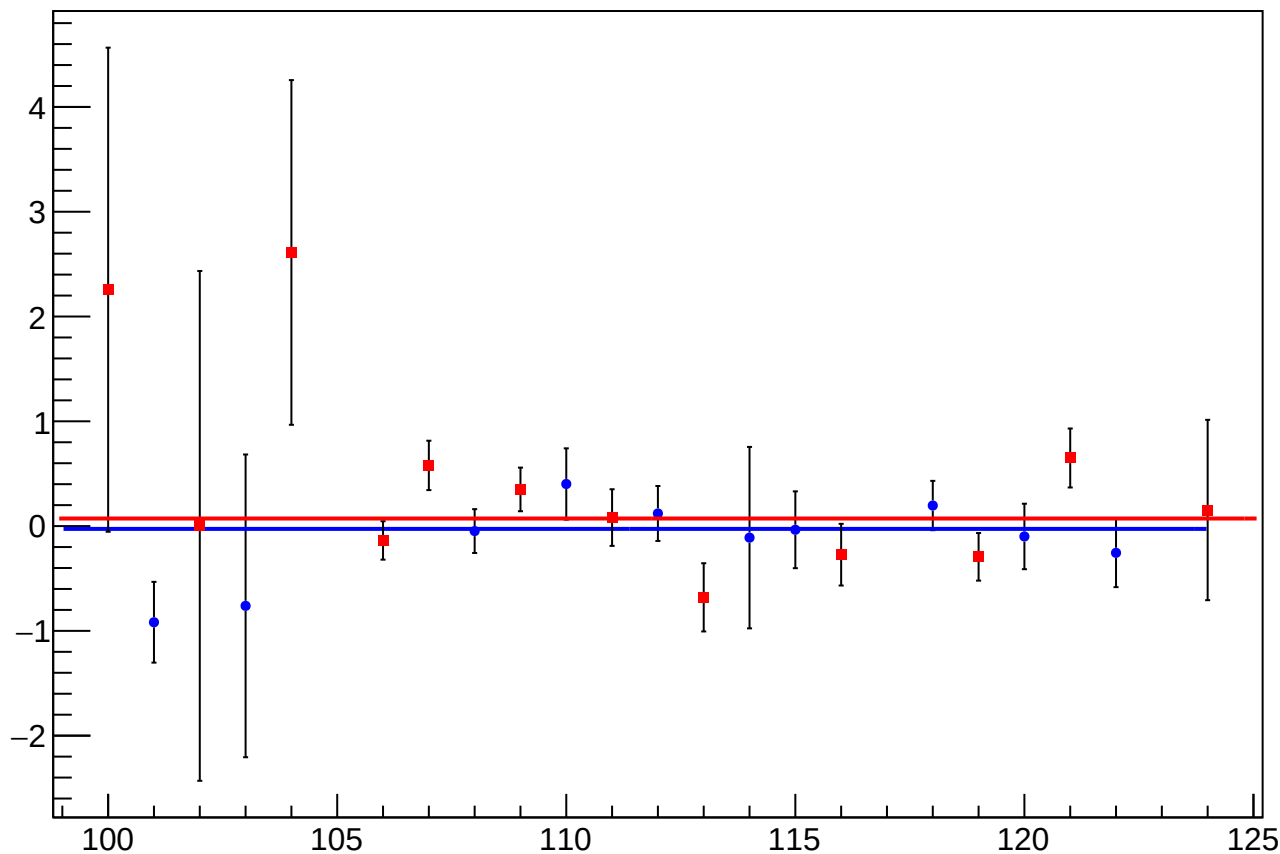
Right: 0.000+/-0.000 χ^2/NDF : 1628142.2/21

In: 0.000+/-0.000 χ^2/NDF : 480700.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1628142.2/21

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.100 χ^2/NDF : 9.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.072 ± 0.085 χ^2/NDF : 24.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

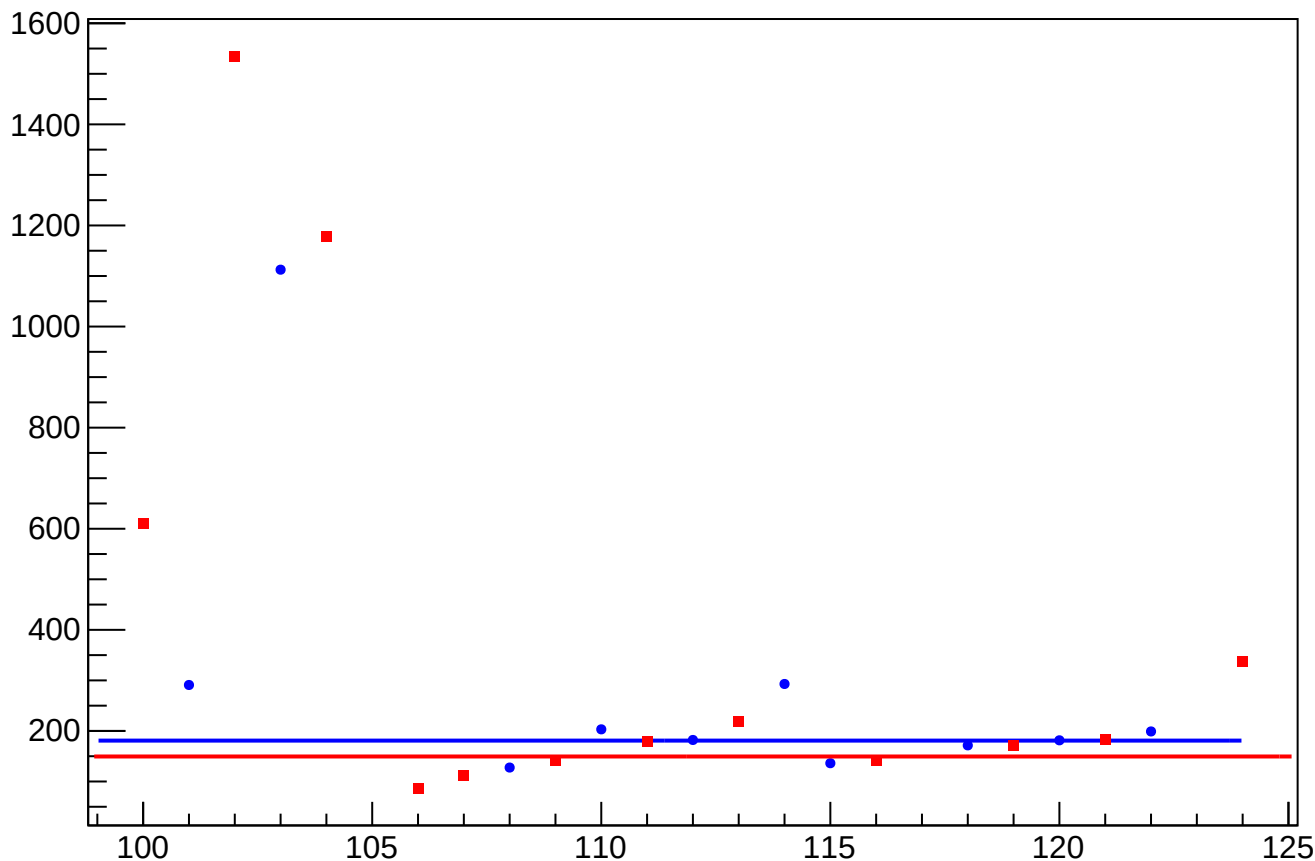
Right: 0.031 ± 0.065 χ^2/NDF : 34.1/21

In: -0.027 ± 0.100 χ^2/NDF : 9.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.031 ± 0.065 χ^2/NDF : 34.1/21

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.890+/-0.071 χ^2/NDF : 1206119.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.463+/-0.060 χ^2/NDF : 2062632.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

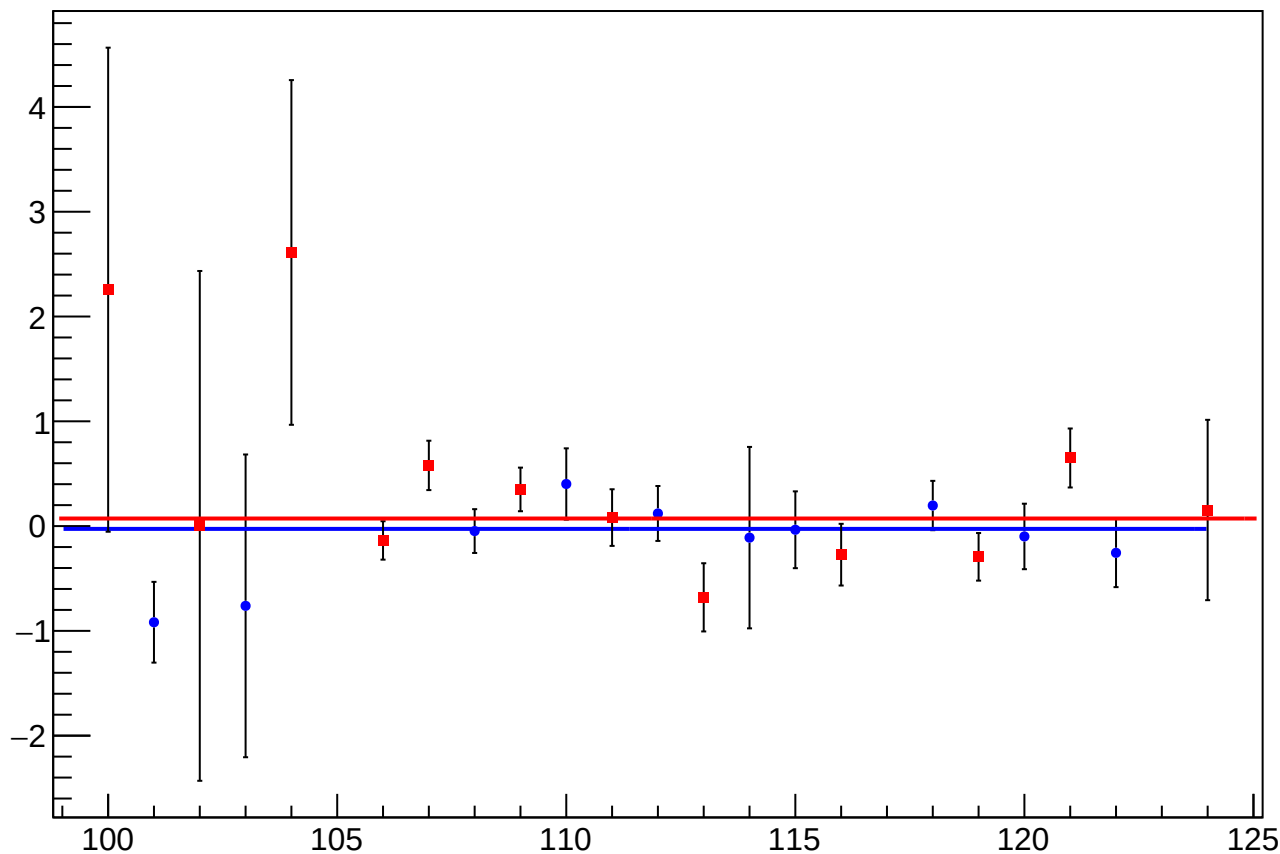
Right: 162.553+/-0.046 χ^2/NDF : 3383670.2/21

In: 180.890+/-0.071 χ^2/NDF : 1206119.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.553+/-0.046 χ^2/NDF : 3383670.2/21

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.100 χ^2/NDF : 9.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.072 ± 0.085 χ^2/NDF : 24.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

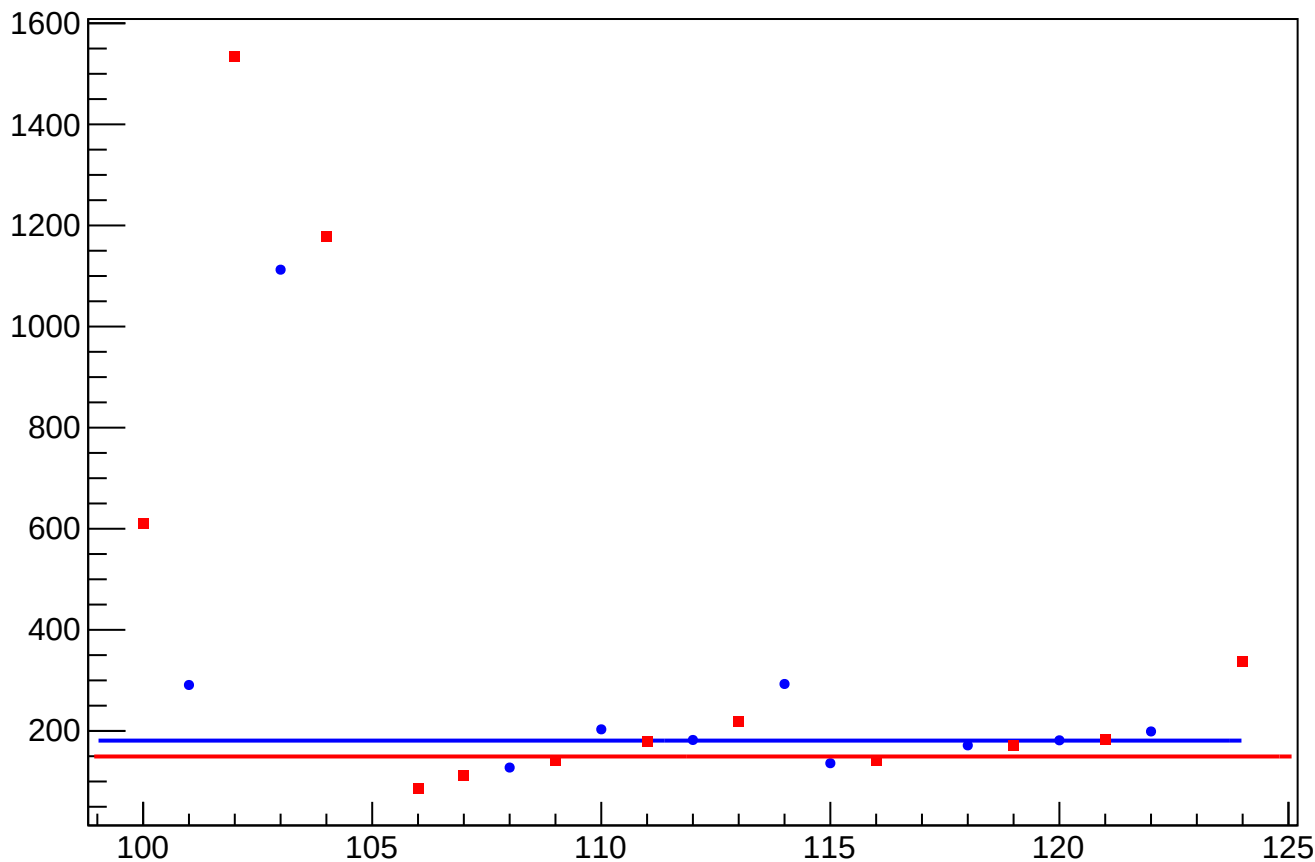
Right: 0.031 ± 0.065 χ^2/NDF : 34.1/21

In: -0.027 ± 0.100 χ^2/NDF : 9.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.031 ± 0.065 χ^2/NDF : 34.1/21

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.890 $\pm$ 0.071 χ^2 /NDF: 1206119.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.463 $\pm$ 0.060 χ^2 /NDF: 2062632.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

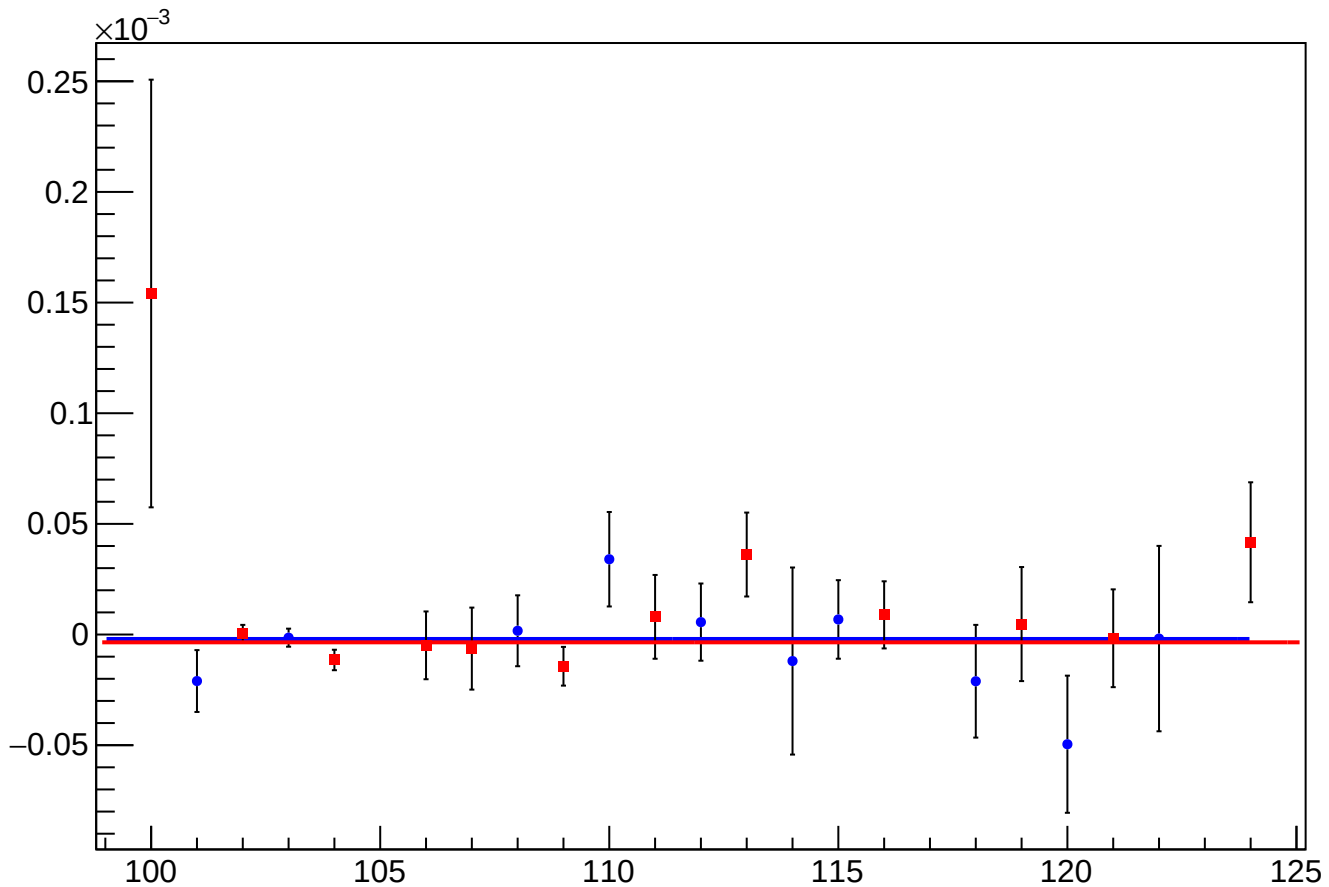
Right: 162.553 $\pm$ 0.046 χ^2 /NDF: 3383670.2/21

In: 180.890 $\pm$ 0.071 χ^2 /NDF:1206119.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 162.553 $\pm$ 0.046 χ^2 /NDF: 3383670.2/21

asym_atr_avg_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 : 16.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

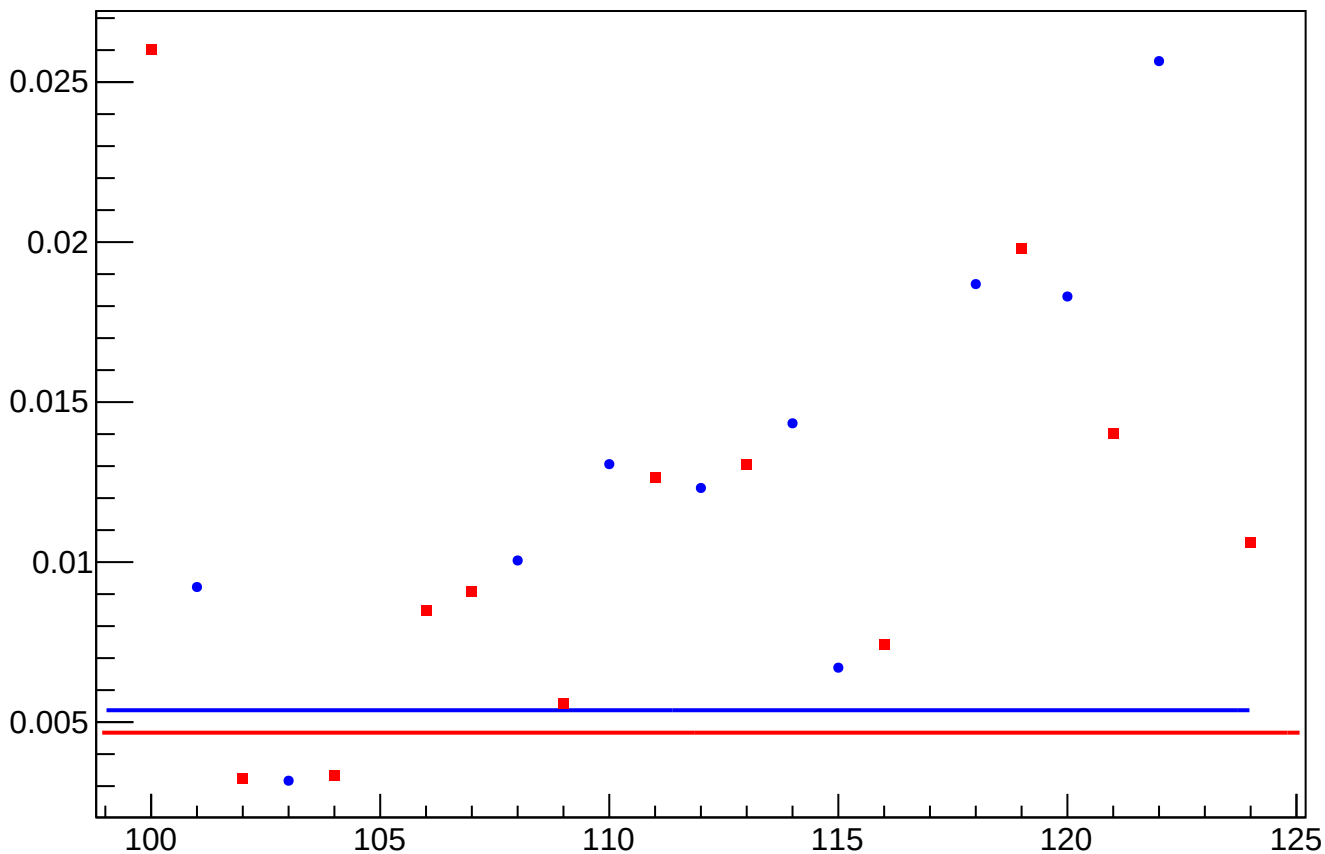
Right: -0.000+/-0.000 χ^2/NDF : 24.7/21

In: -0.000+/-0.000 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.7/21

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 2947971.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2734382.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

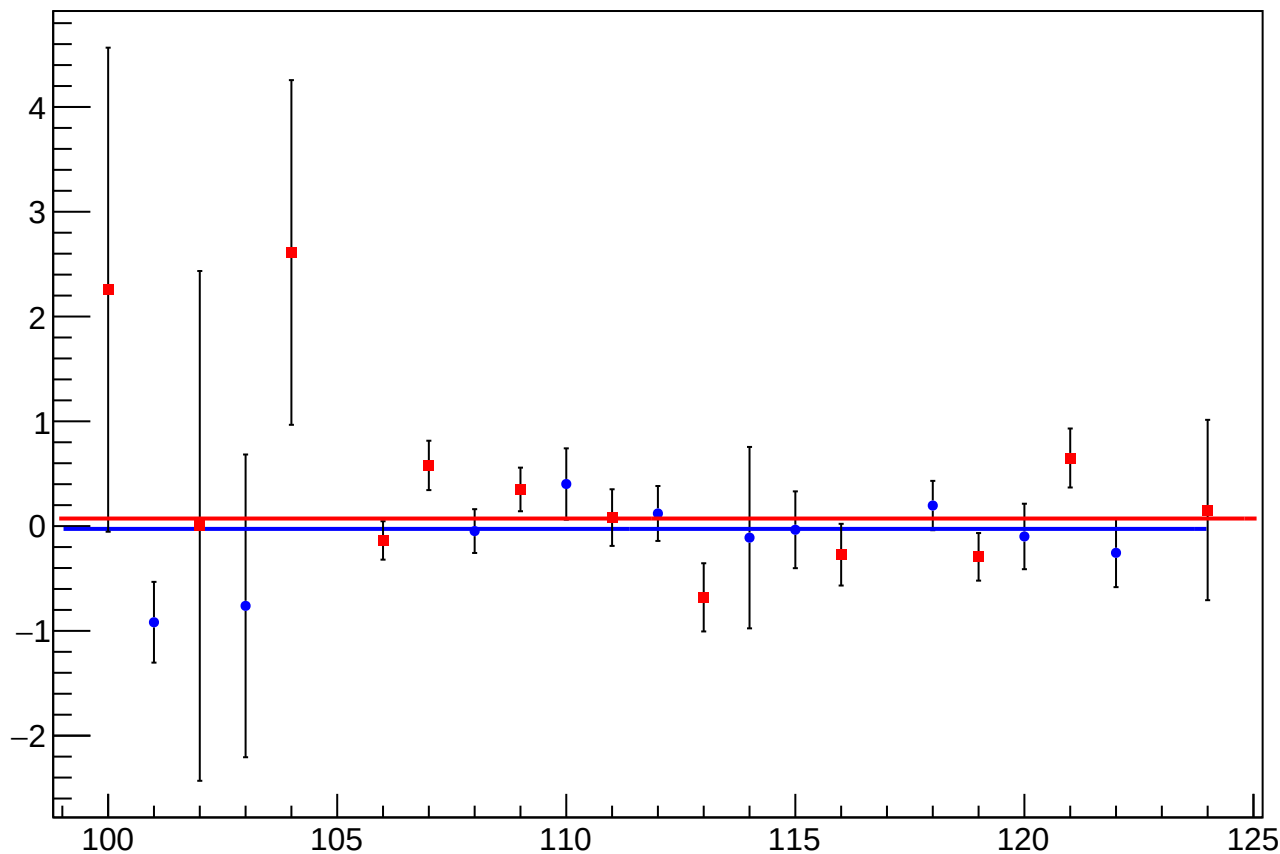
Right: 0.005+/-0.000 χ^2/NDF : 5733460.1/21

In: 0.005+/-0.000 χ^2/NDF : 2947971.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 5733460.1/21

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027+/-0.100 χ^2/NDF : 9.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.085 χ^2/NDF : 24.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

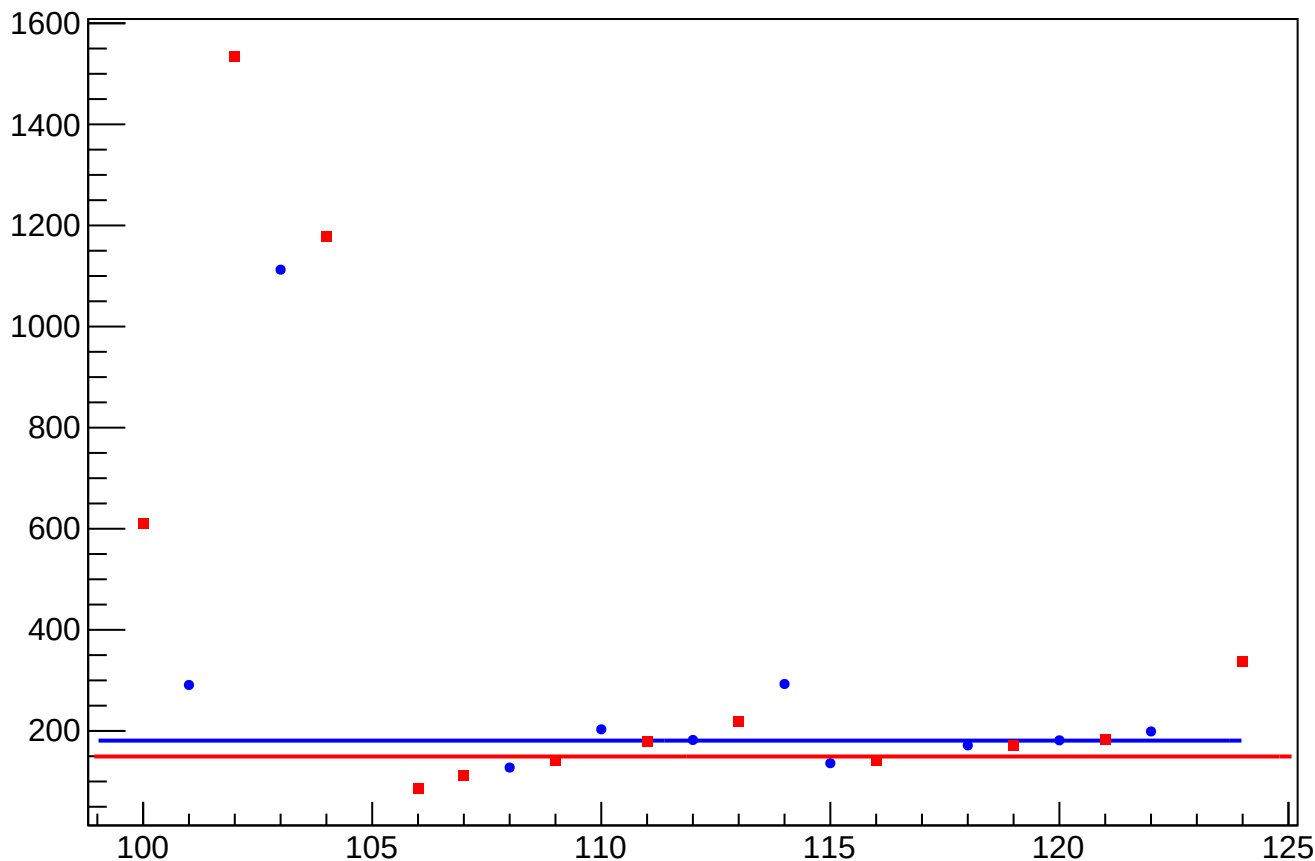
Right: 0.031+/-0.065 χ^2/NDF : 34.1/21

In: -0.027+/-0.100 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.065 χ^2/NDF : 34.1/21

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.890+/-0.071 χ^2/NDF : 1206128.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.463+/-0.060 χ^2/NDF : 2062623.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

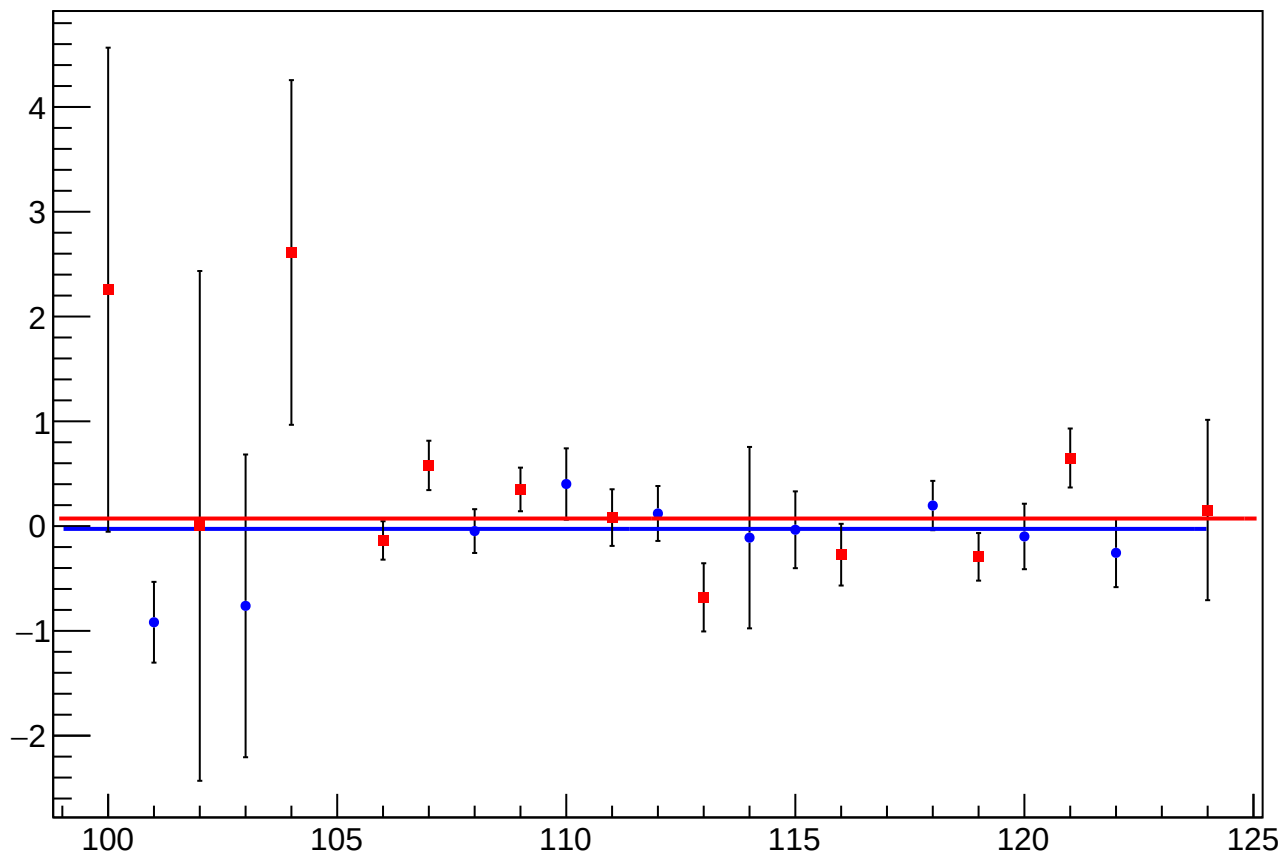
Right: 162.553+/-0.046 χ^2/NDF : 3383664.0/21

In: 180.890+/-0.071 χ^2/NDF : 1206128.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.553+/-0.046 χ^2/NDF : 3383664.0/21

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.100 χ^2/NDF : 9.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.072 ± 0.085 χ^2/NDF : 24.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

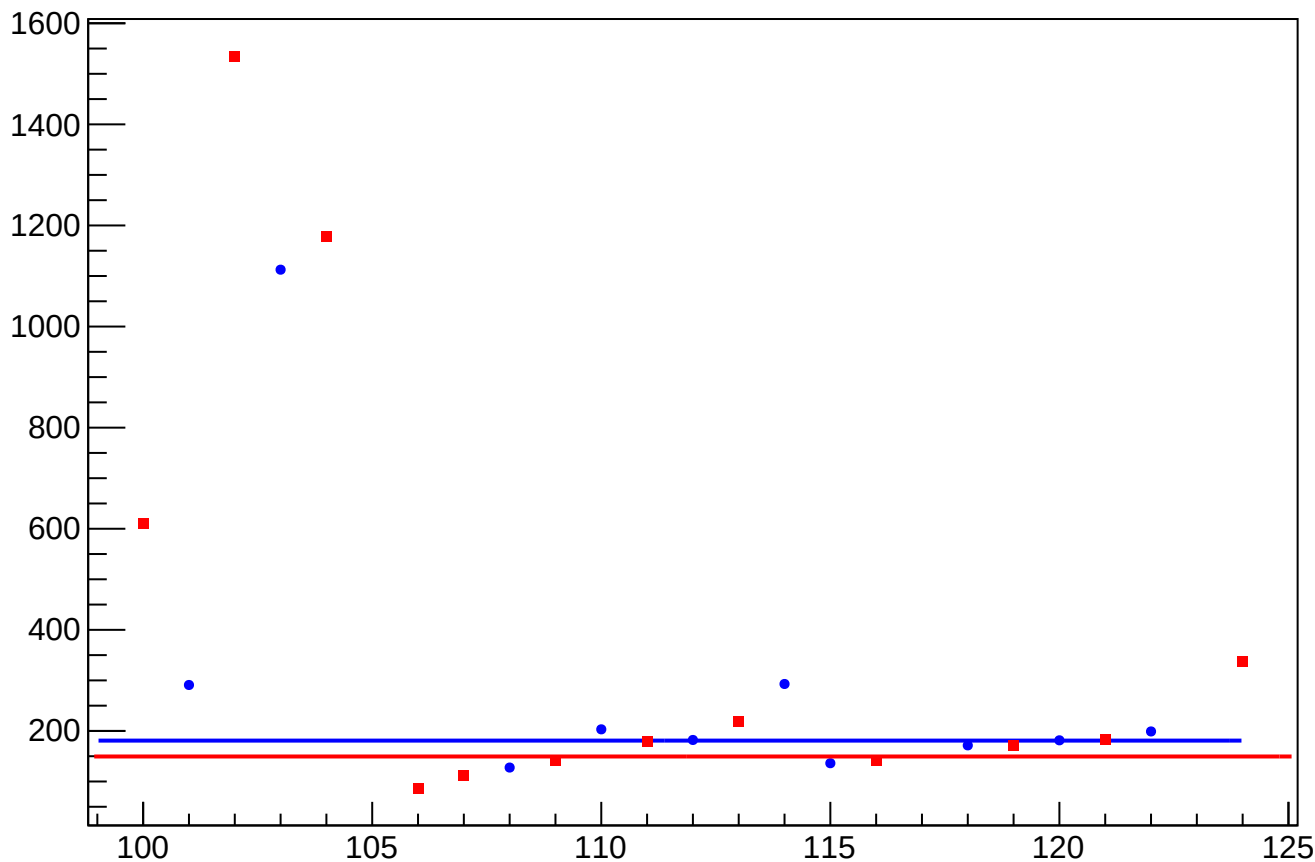
Right: 0.031 ± 0.065 χ^2/NDF : 34.1/21

In: -0.027 ± 0.100 χ^2/NDF : 9.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.031 ± 0.065 χ^2/NDF : 34.1/21

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.890+/-0.071 χ^2/NDF : 1206128.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 149.463+/-0.060 χ^2/NDF : 2062623.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

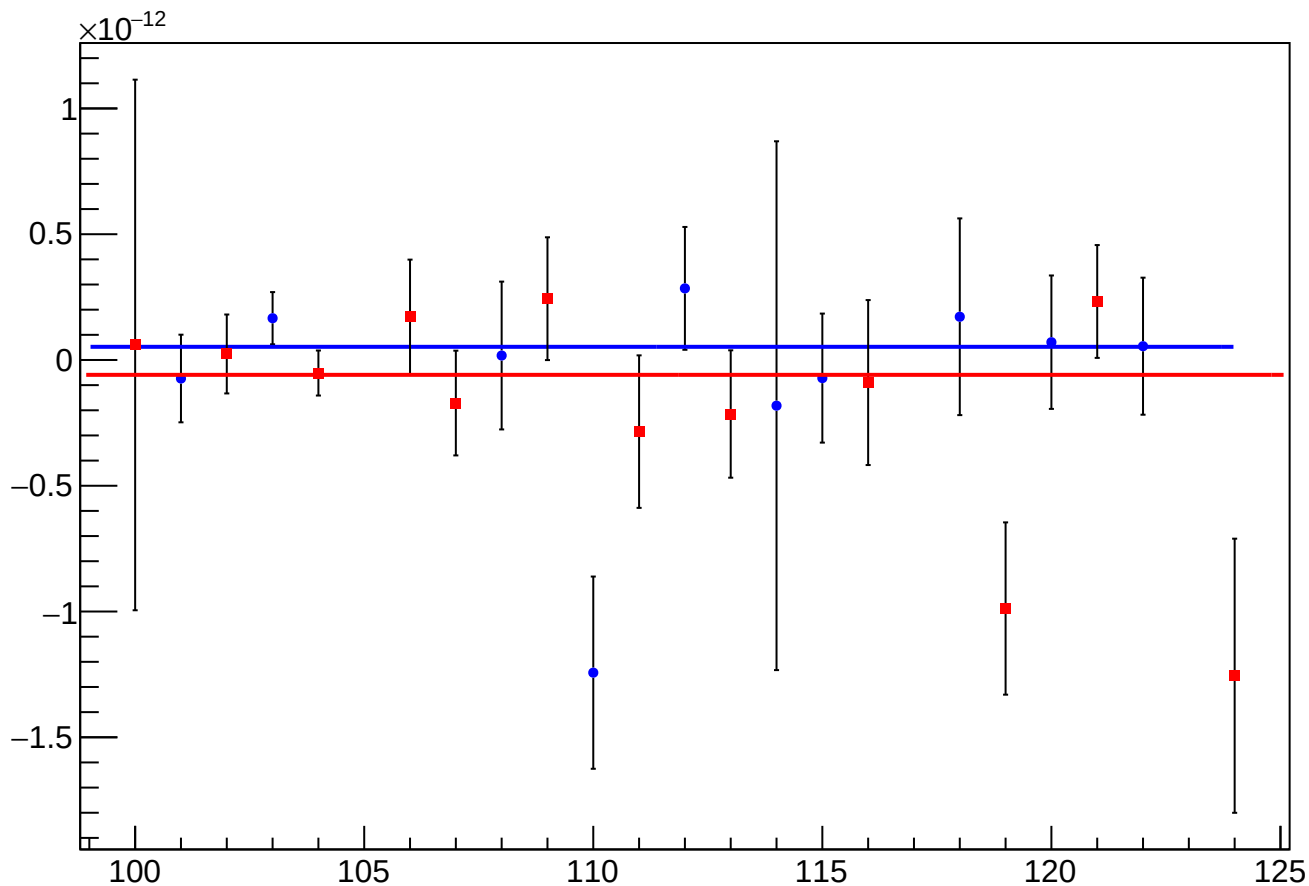
Right: 162.553+/-0.046 χ^2/NDF : 3383664.0/21

In: 180.890+/-0.071 χ^2/NDF :1206128.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 162.553+/-0.046 χ^2/NDF : 3383664.0/21

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

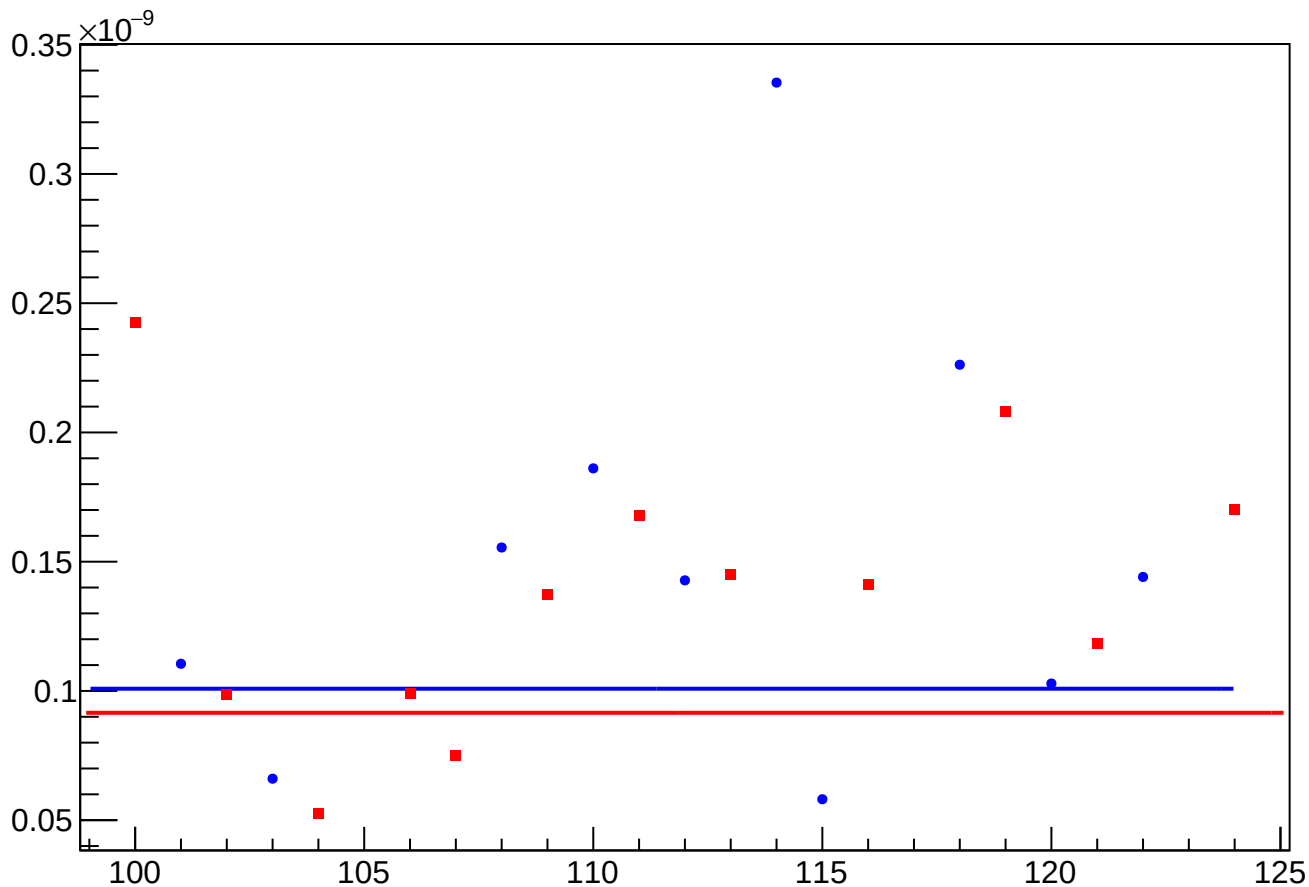
Right: -0.000+/-0.000 χ^2/NDF : 34.0/21

In: 0.000+/-0.000 χ^2/NDF : 14.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.0/21

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 869731.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1074057.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

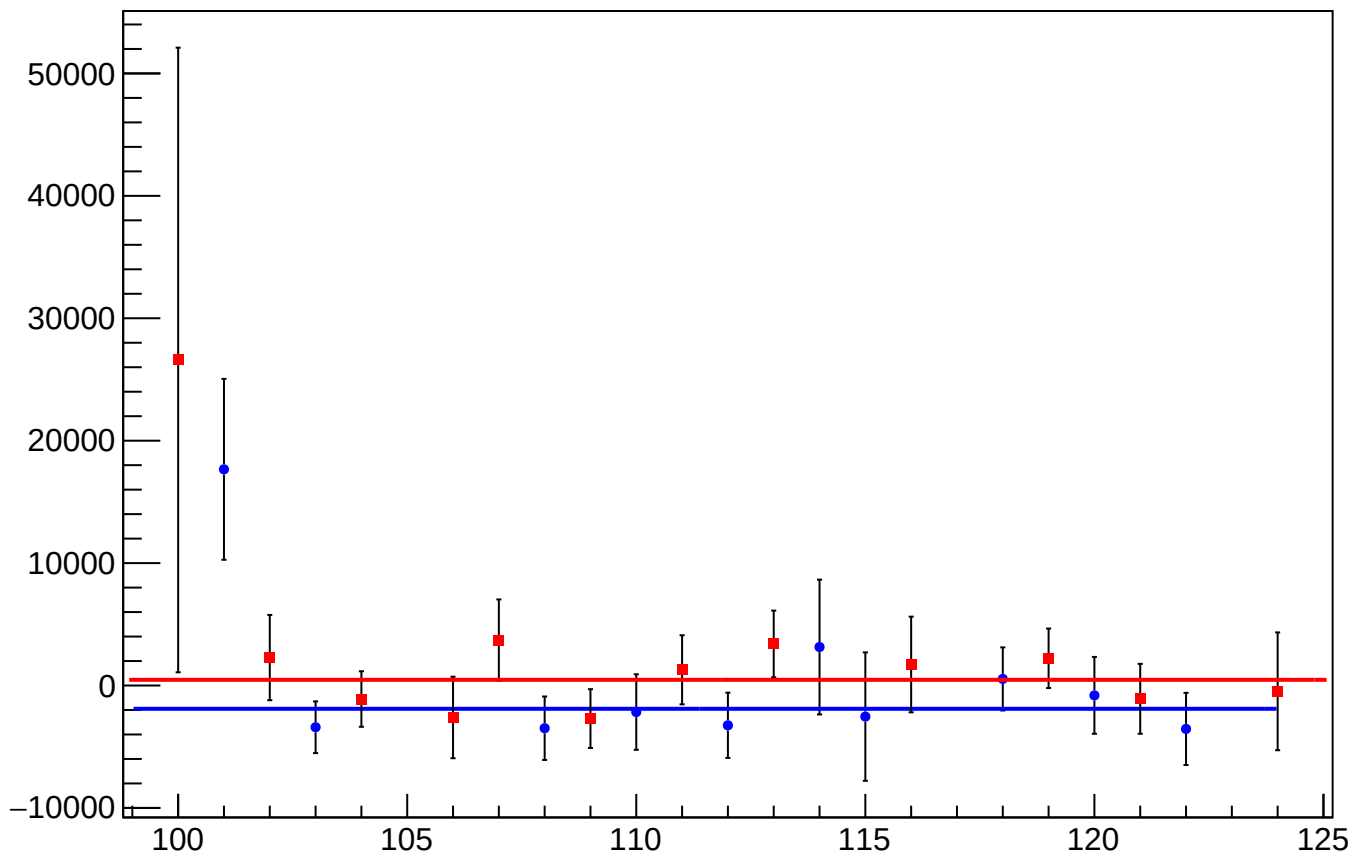
Right: 0.000+/-0.000 χ^2/NDF : 1965140.8/21

In: 0.000+/-0.000 χ^2/NDF : 869731.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1965140.8/21

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1902.035+/-965.092 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.757+/-879.183 χ^2/NDF : 7.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

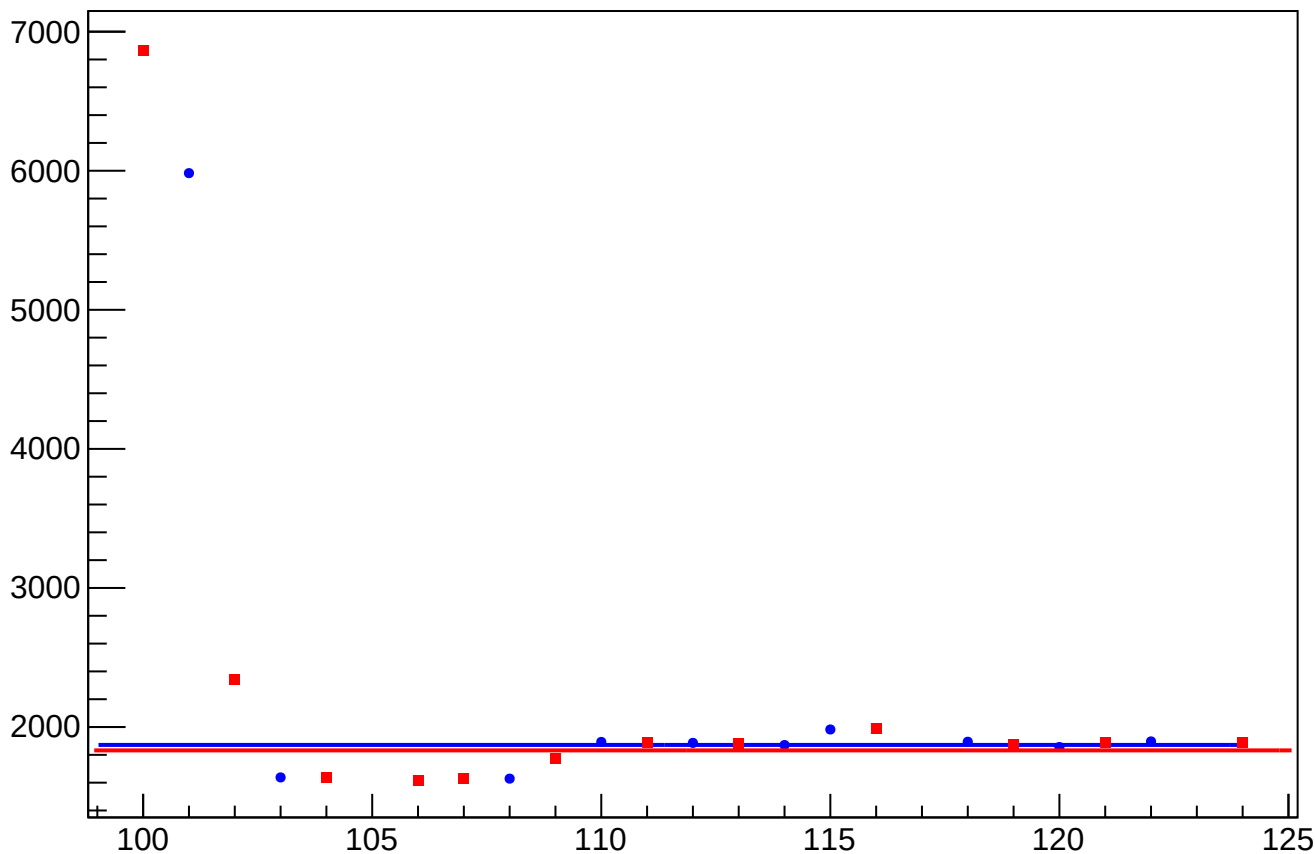
Right: -608.083+/-649.930 χ^2/NDF : 21.2/21

In: -1902.035+/-965.092 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.083+/-649.930 χ^2/NDF : 21.2/21

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1871.352+/-0.682 χ^2/NDF : 662923.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1832.098+/-0.618 χ^2/NDF : 161097.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

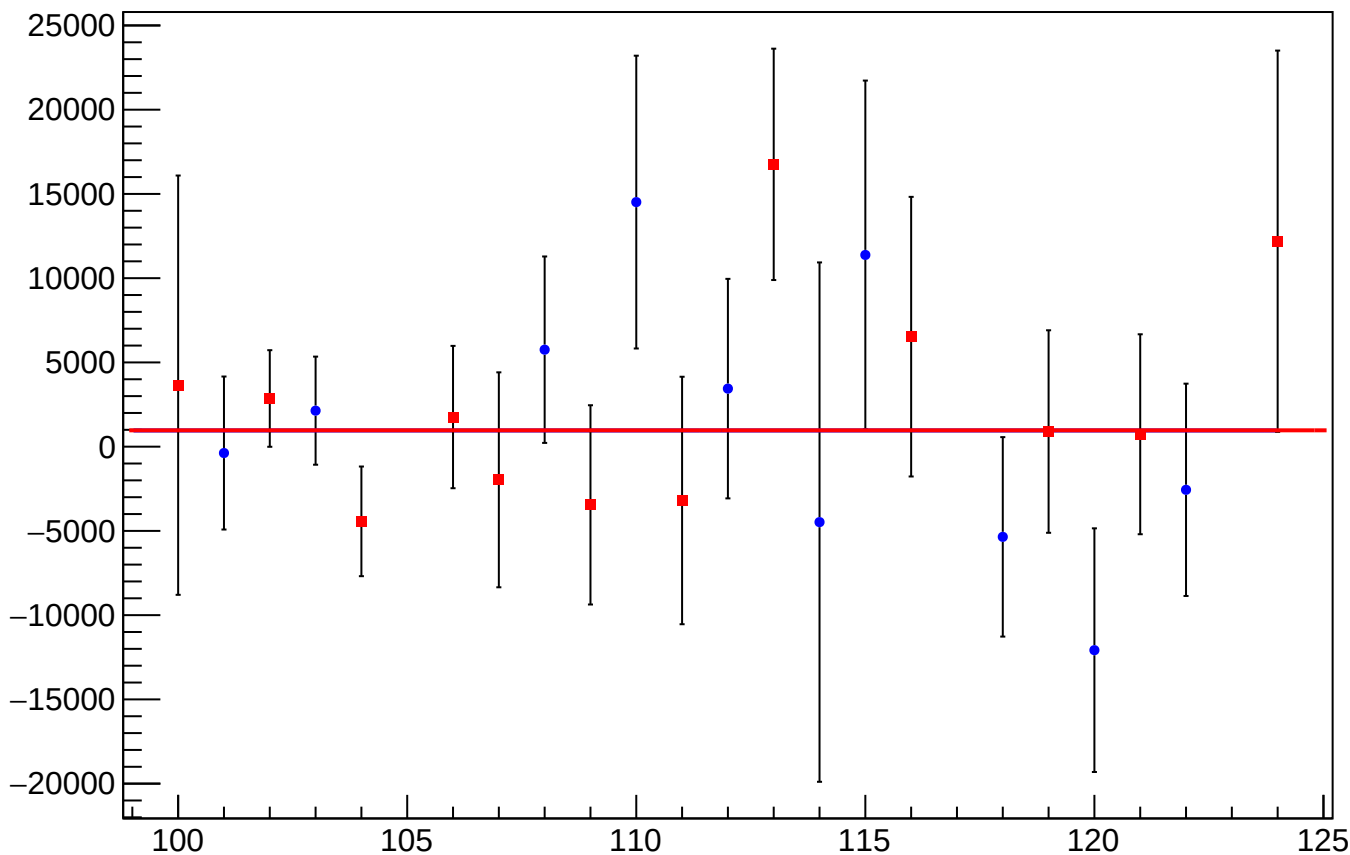
Right: 1849.797+/-0.458 χ^2/NDF : 825837.5/21

In: 1871.352+/-0.682 χ^2/NDF : 662923.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1849.797+/-0.458 χ^2/NDF : 825837.5/21

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 960.998+/-1821.015 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 969.641+/-1490.760 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

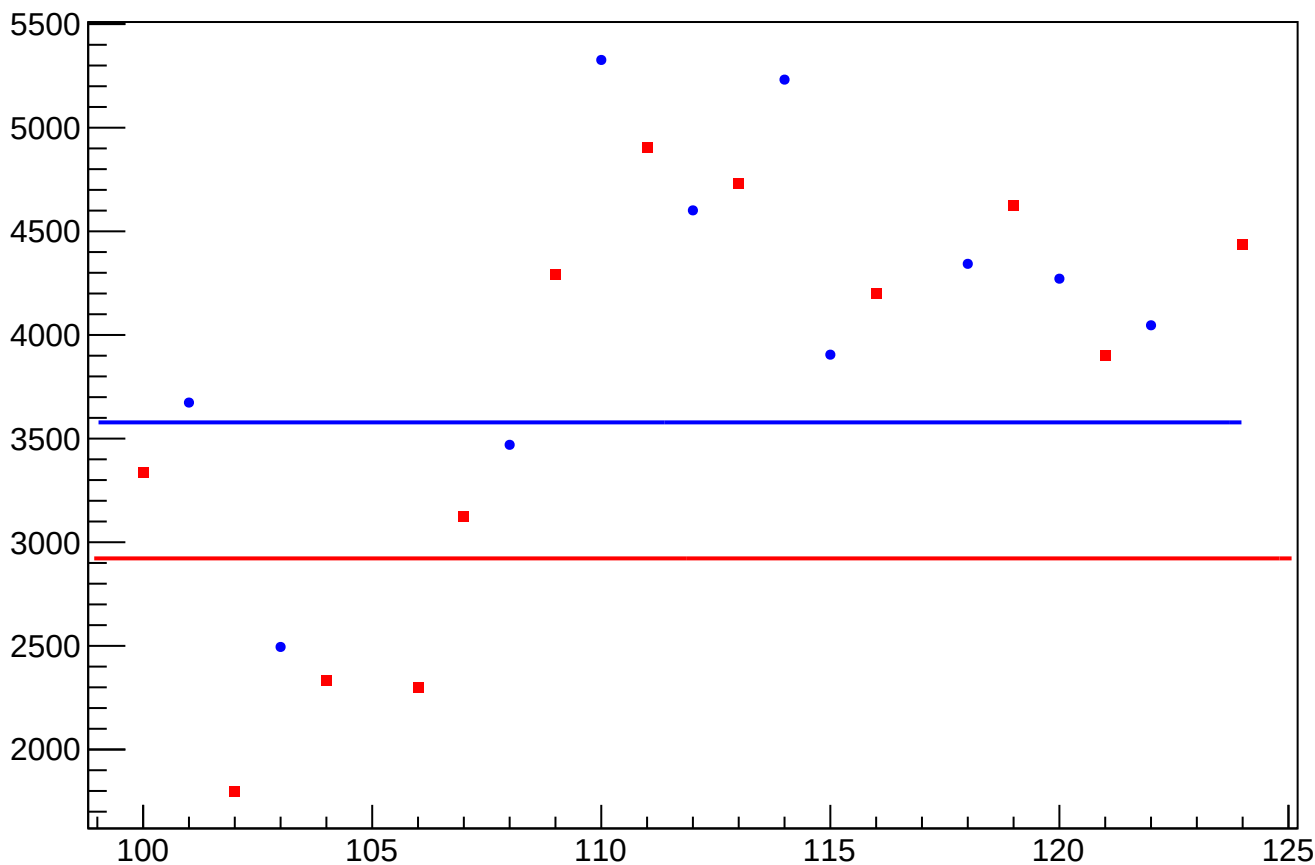
Right: 966.173+/-1153.524 χ^2/NDF : 20.5/21

In: 960.998+/-1821.015 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.173+/-1153.524 χ^2/NDF : 20.5/21

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3578.250+/-1.288 χ^2/NDF : 447927.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2922.033+/-1.054 χ^2/NDF : 1111112.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

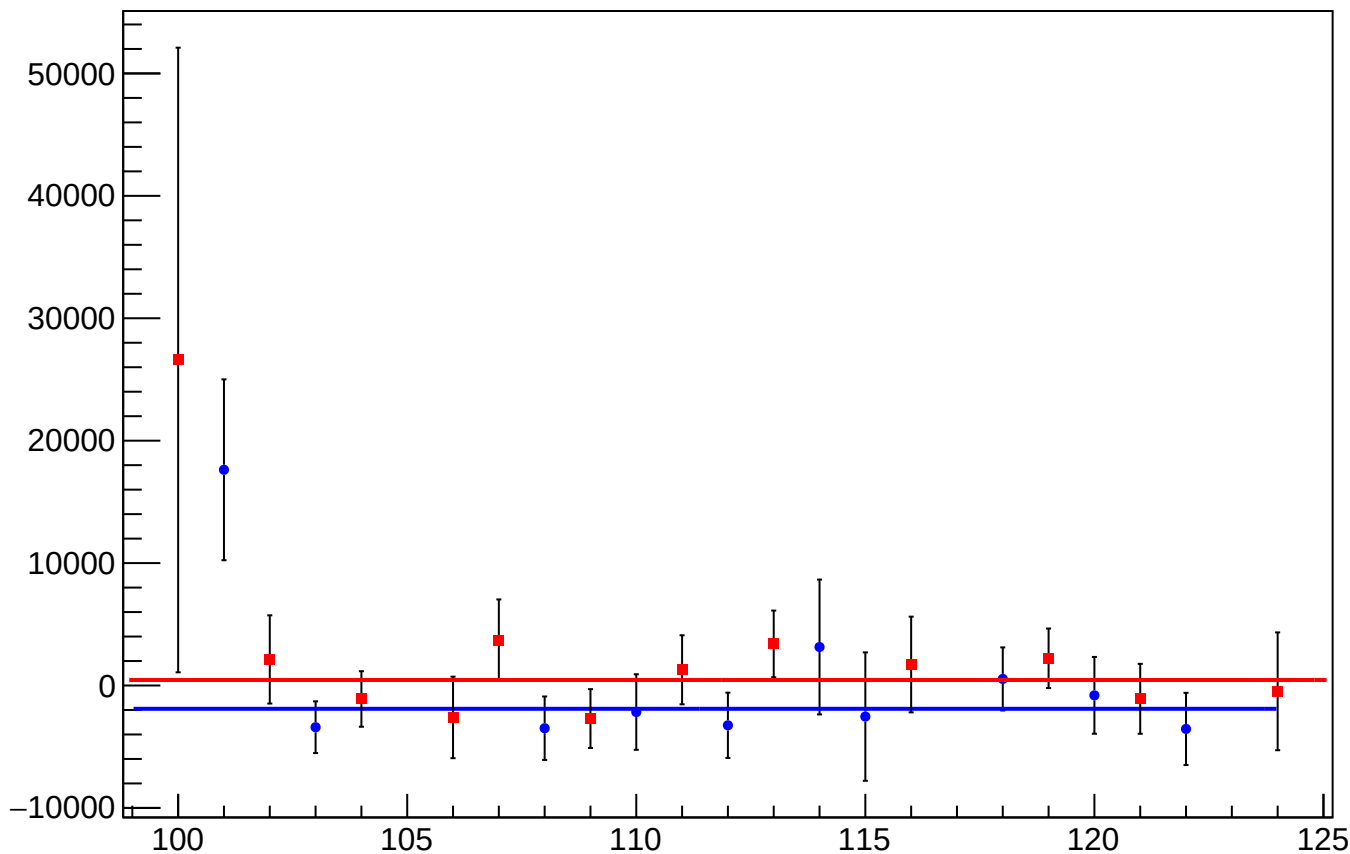
Right: 3185.347+/-0.816 χ^2/NDF : 1714541.0/21

In: 3578.250+/-1.288 χ^2/NDF : 447927.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3185.347+/-0.816 χ^2/NDF : 1714541.0/21

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1902.655+/-965.093 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.856+/-881.042 χ^2/NDF : 7.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

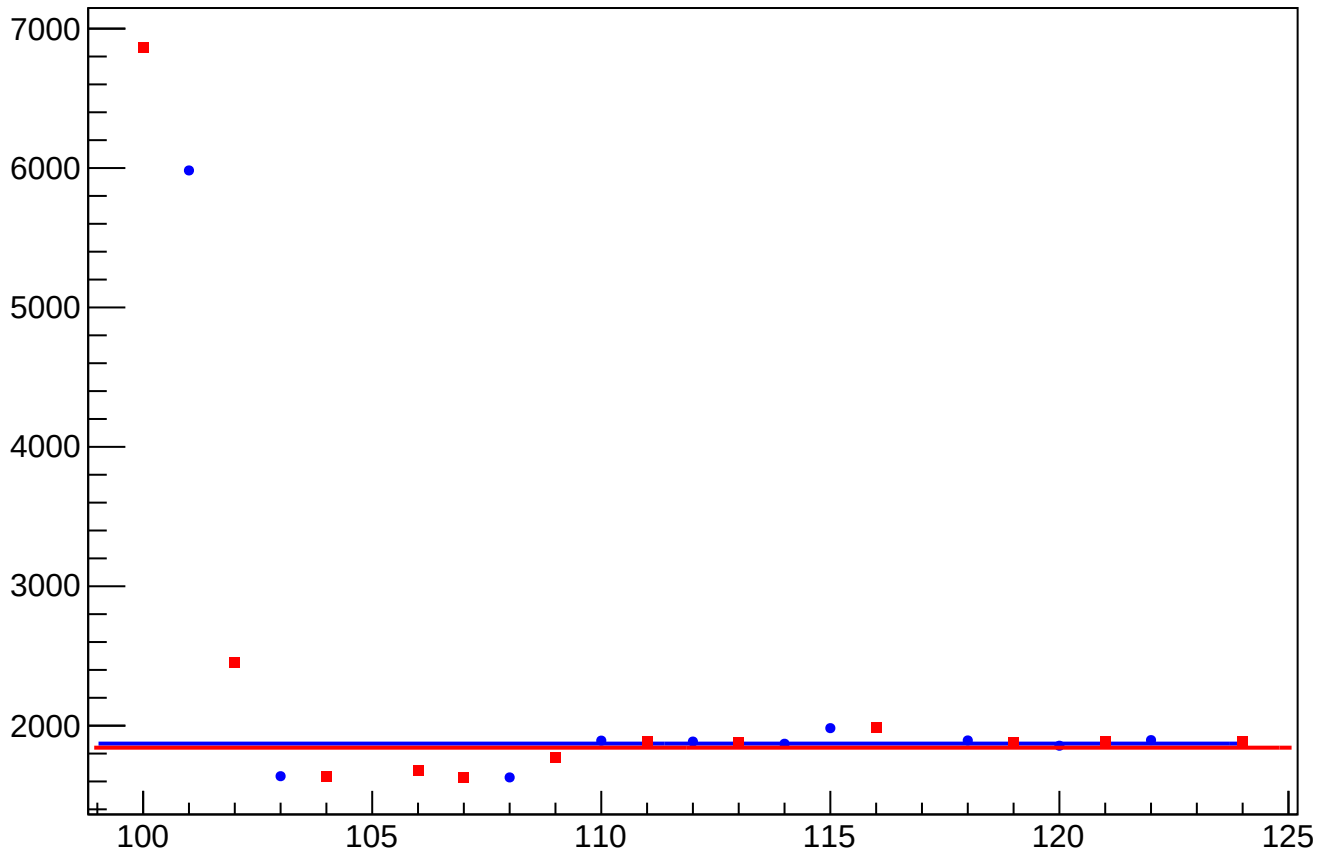
Right: -619.516+/-650.680 χ^2/NDF : 21.0/21

In: -1902.655+/-965.093 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.516+/-650.680 χ^2/NDF : 21.0/21

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1871.352+/-0.682 χ^2/NDF : 662923.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.250+/-0.621 χ^2/NDF : 172184.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

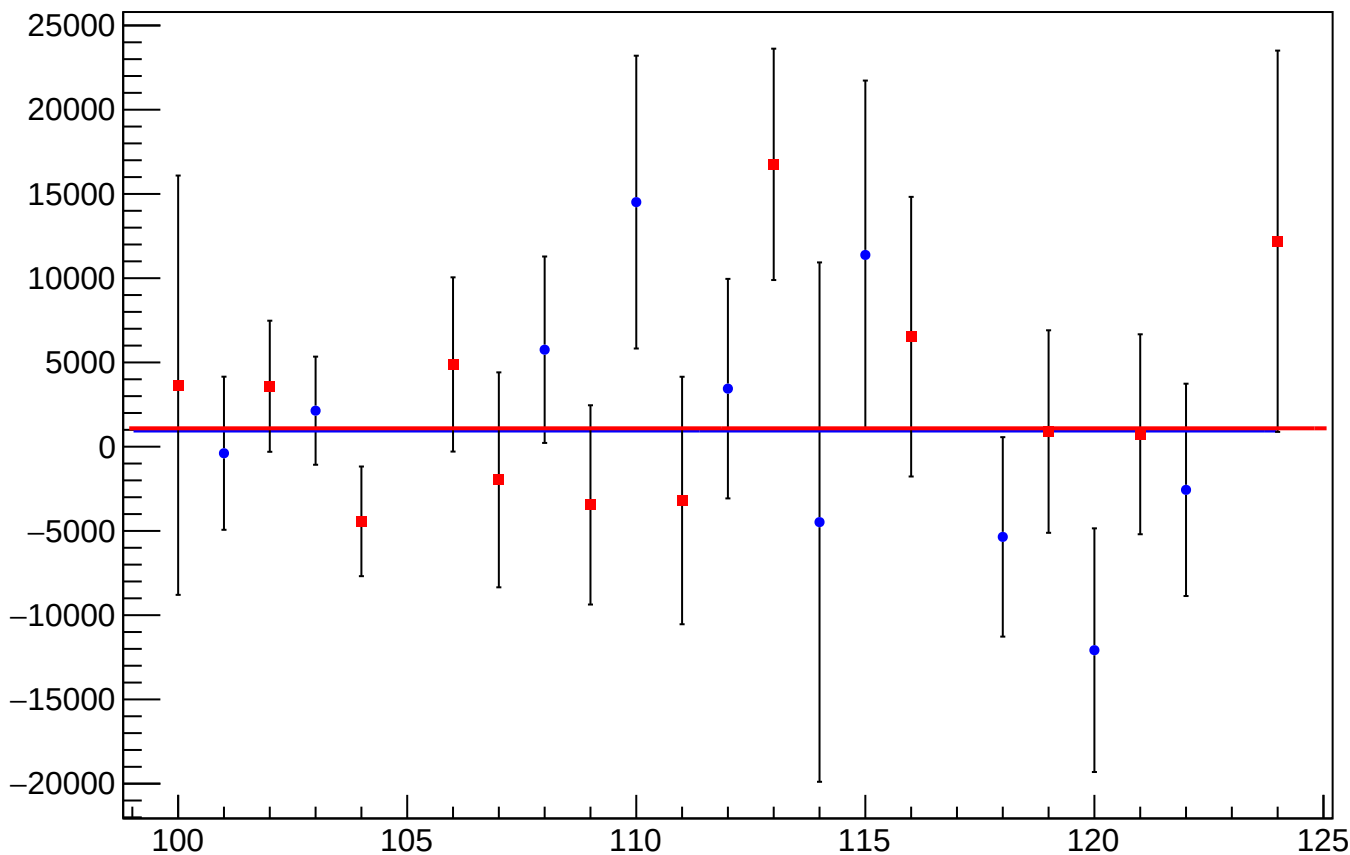
Right: 1855.444+/-0.459 χ^2/NDF : 836101.7/21

In: 1871.352+/-0.682 χ^2/NDF : 662923.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.444+/-0.459 χ^2/NDF : 836101.7/21

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 959.068 $\pm$ 1821.337 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1089.993 $\pm$ 1631.438 χ^2 /NDF: 11.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

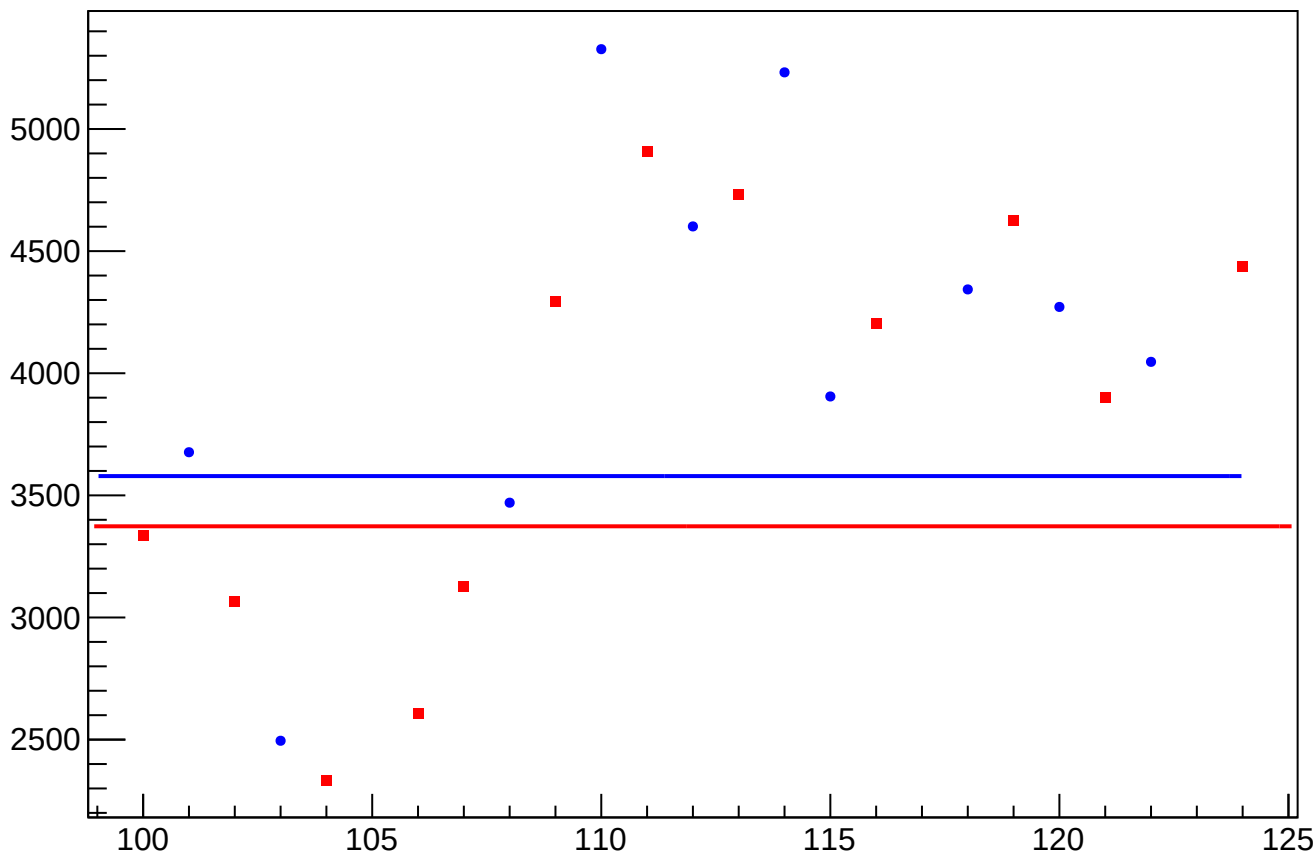
Right: 1031.709 $\pm$ 1215.211 χ^2 /NDF: 21.0/21

In: 959.068 $\pm$ 1821.337 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1031.709 $\pm$ 1215.211 χ^2 /NDF: 21.0/21

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3578.955+/-1.288 χ^2/NDF : 447694.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3373.340+/-1.154 χ^2/NDF : 616982.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

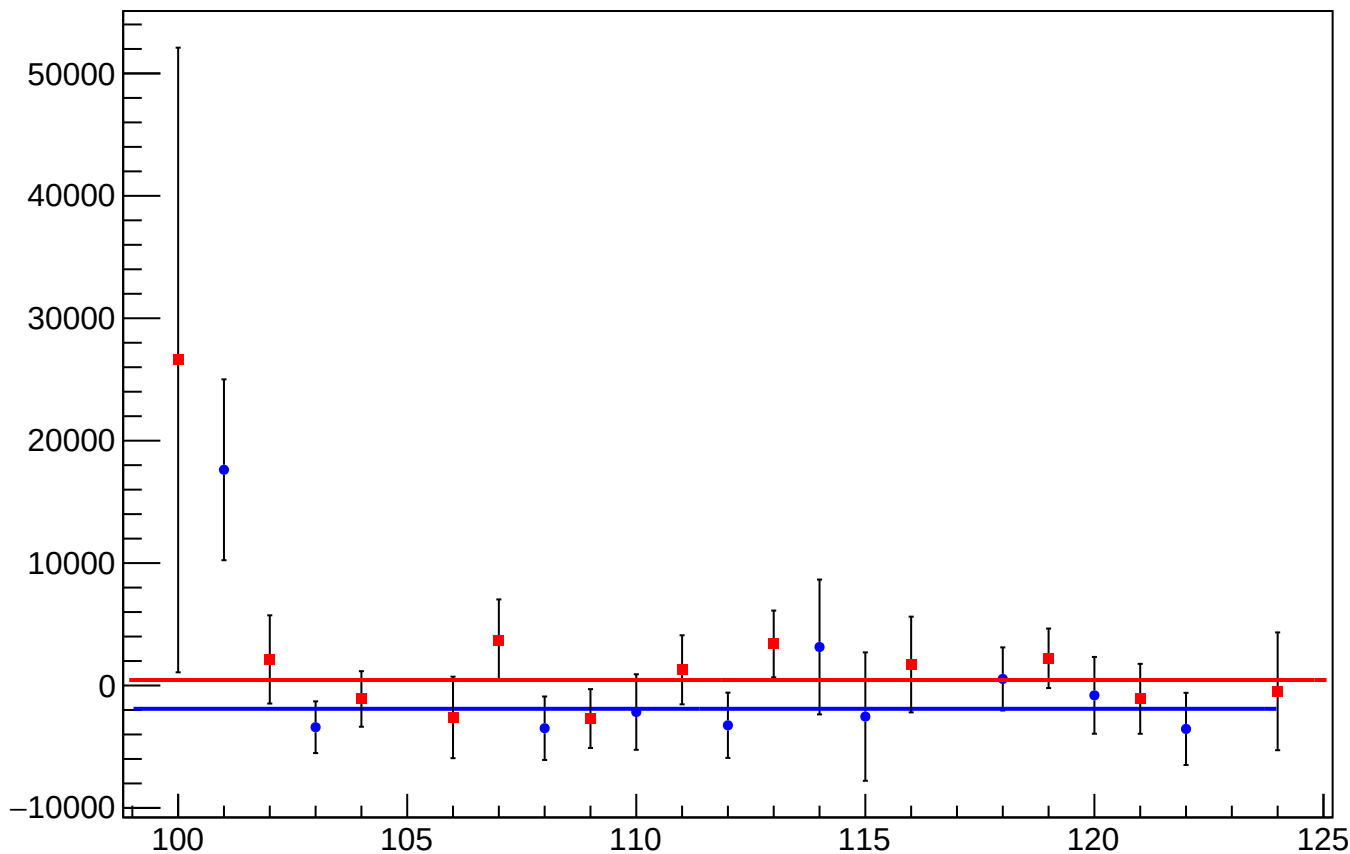
Right: 3464.873+/-0.859 χ^2/NDF : 1078819.3/21

In: 3578.955+/-1.288 χ^2/NDF : 447694.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3464.873+/-0.859 χ^2/NDF : 1078819.3/21

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1902.655+/-965.093 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.856+/-881.042 χ^2/NDF : 7.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

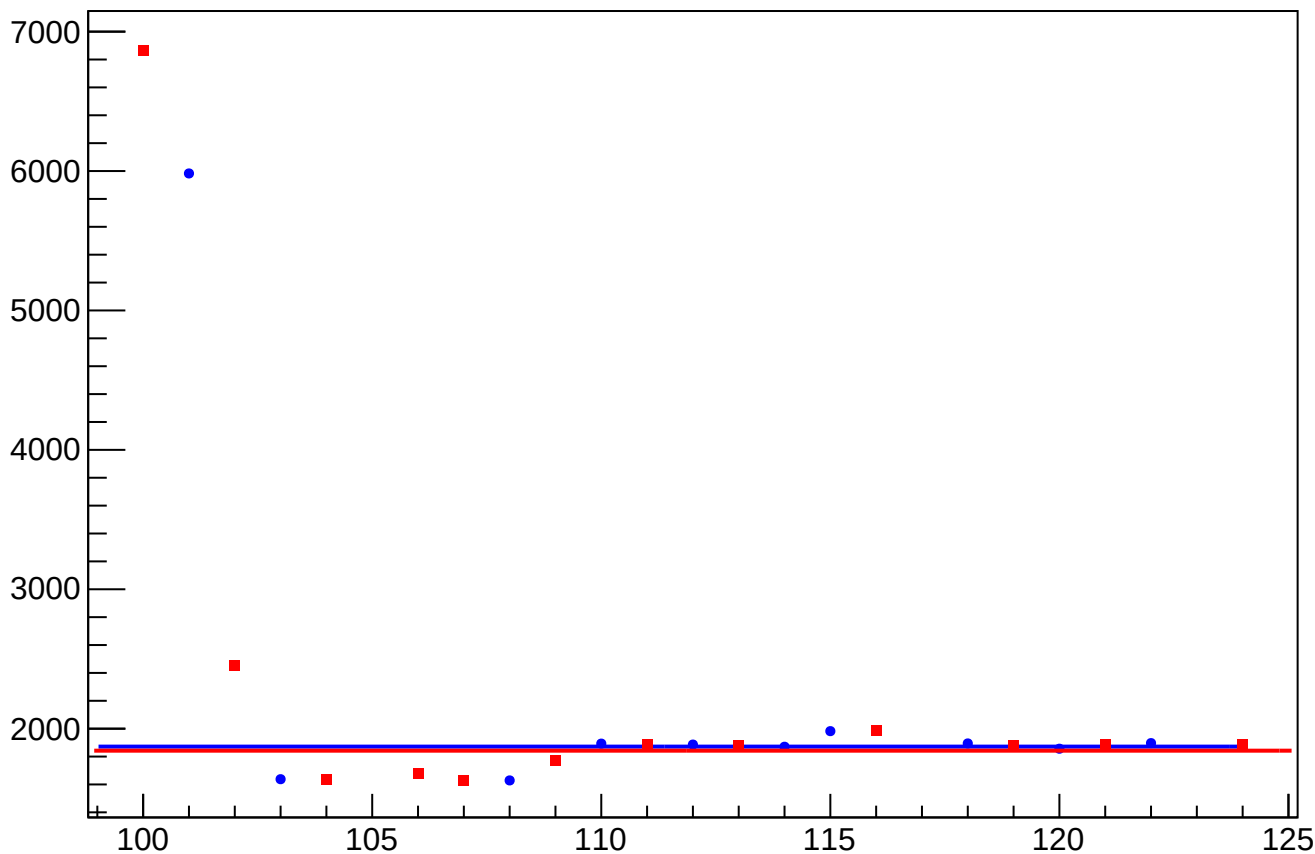
Right: -619.516+/-650.680 χ^2/NDF : 21.0/21

In: -1902.655+/-965.093 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.516+/-650.680 χ^2/NDF : 21.0/21

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1871.352+/-0.682 χ^2/NDF : 662923.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.250+/-0.621 χ^2/NDF : 172184.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

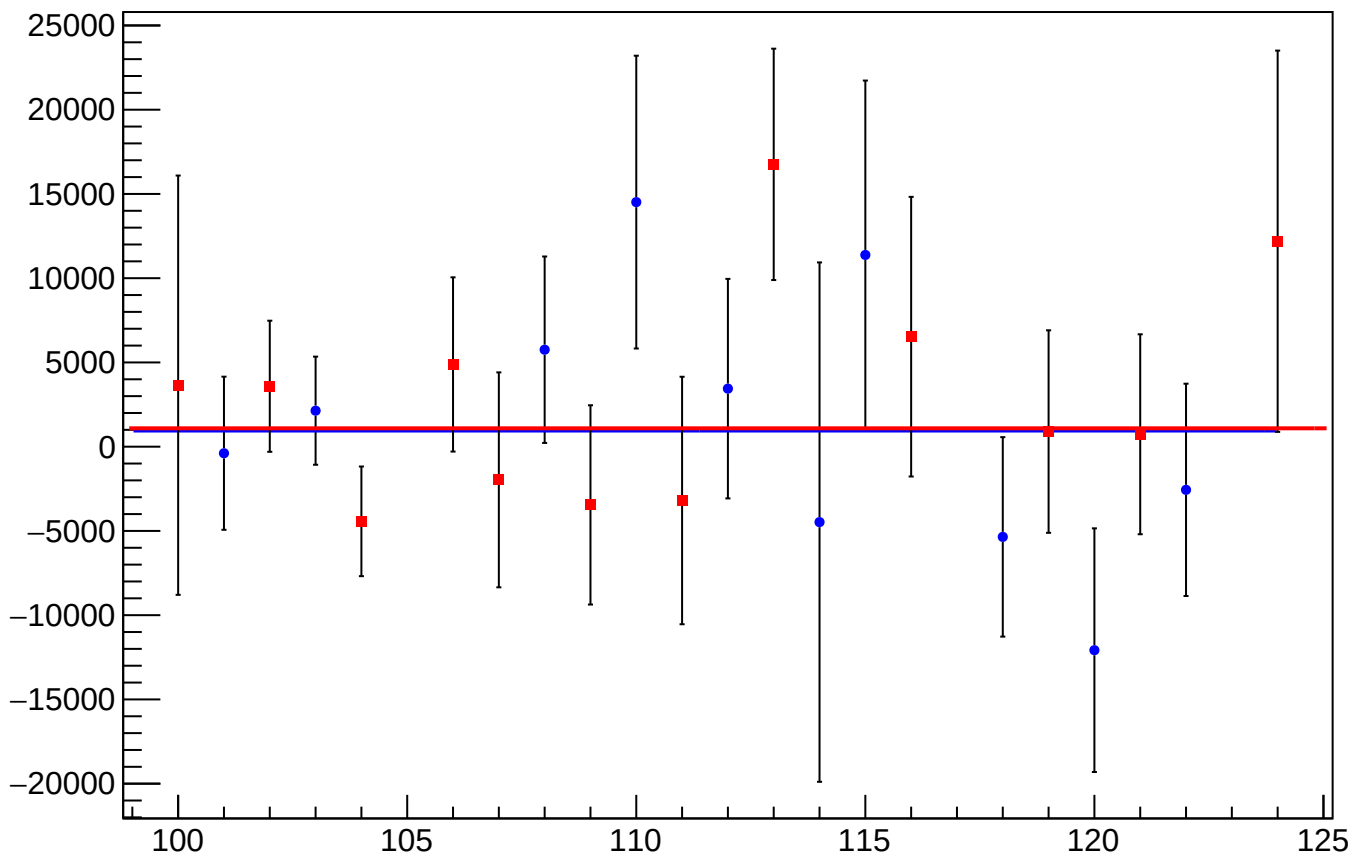
Right: 1855.444+/-0.459 χ^2/NDF : 836101.7/21

In: 1871.352+/-0.682 χ^2/NDF : 662923.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.444+/-0.459 χ^2/NDF : 836101.7/21

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 959.068+/-1821.337 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1089.993+/-1631.438 χ^2/NDF : 11.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

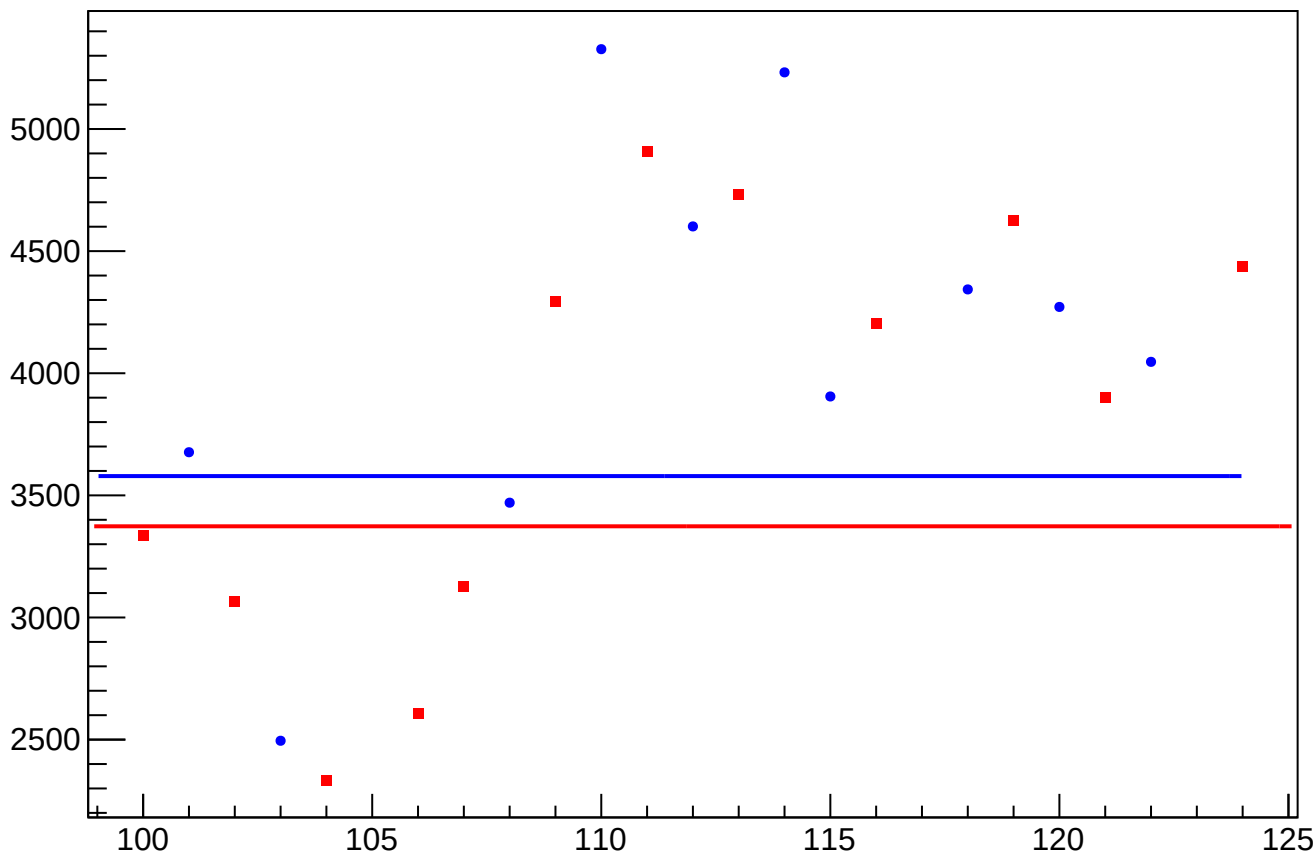
Right: 1031.709+/-1215.211 χ^2/NDF : 21.0/21

In: 959.068+/-1821.337 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1031.709+/-1215.211 χ^2/NDF : 21.0/21

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3578.955+/-1.288 χ^2/NDF : 447694.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3373.340+/-1.154 χ^2/NDF : 616982.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

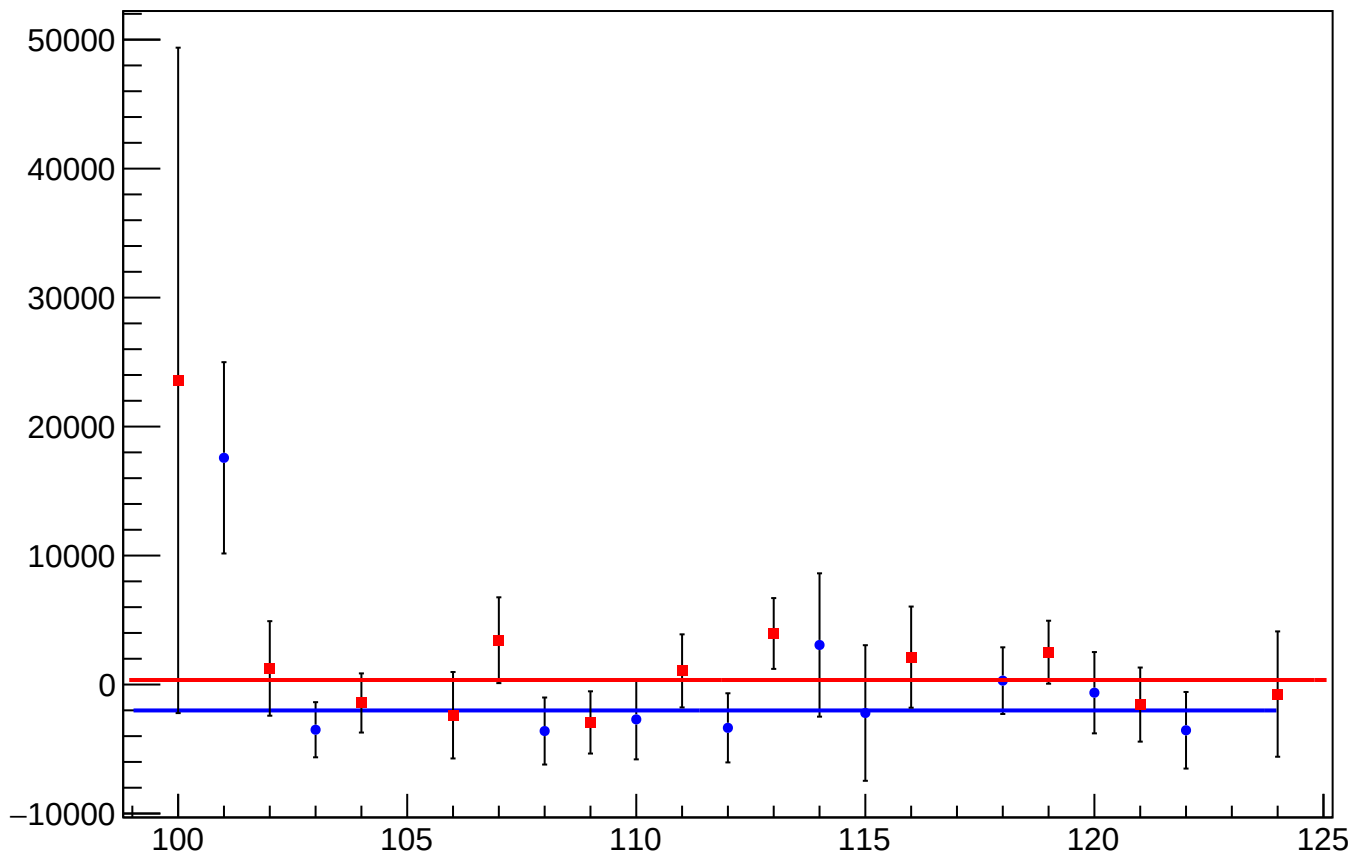
Right: 3464.873+/-0.859 χ^2/NDF : 1078819.3/21

In: 3578.955+/-1.288 χ^2/NDF : 447694.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3464.873+/-0.859 χ^2/NDF : 1078819.3/21

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2008.446+/-971.033 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 352.397+/-886.972 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

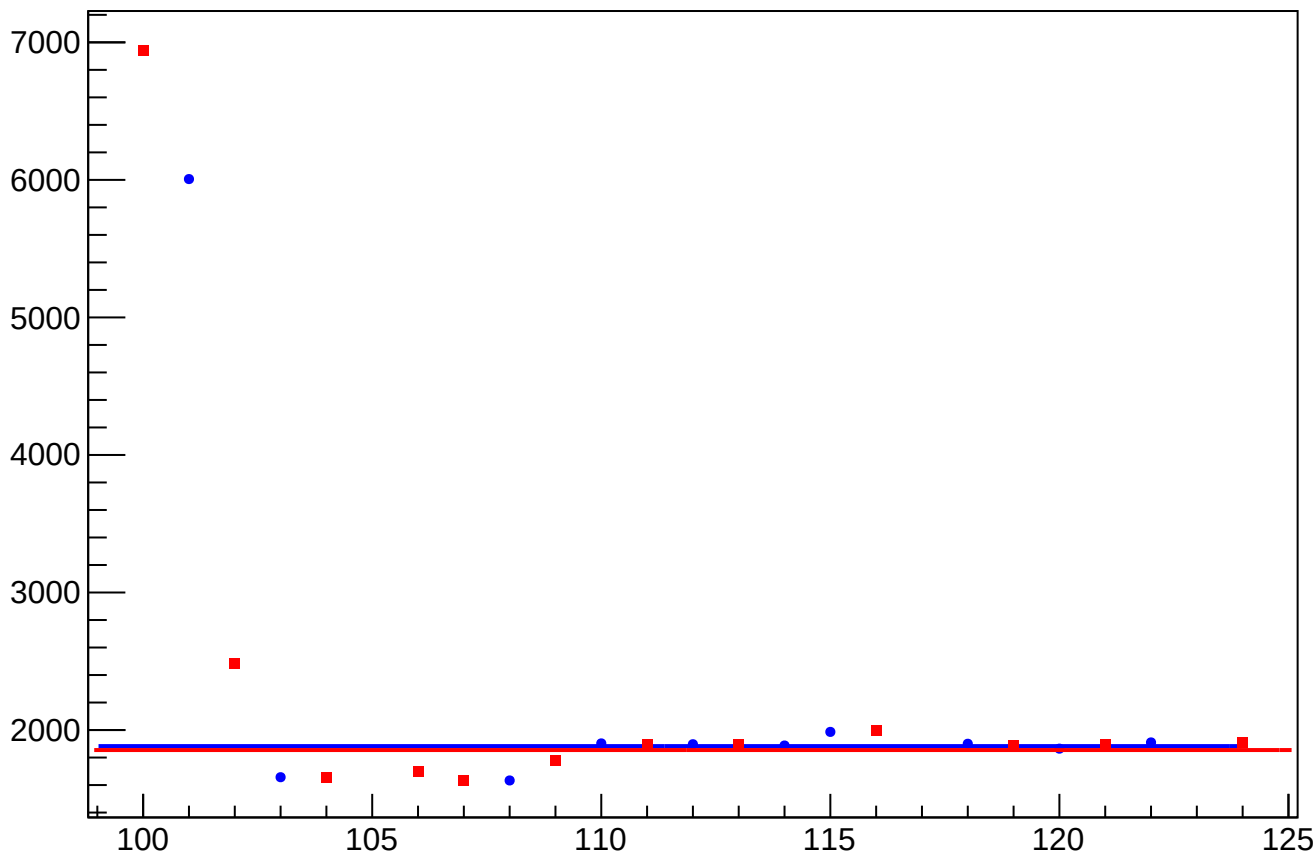
Right: -721.431+/-654.889 χ^2/NDF : 21.6/21

In: -2008.446+/-971.033 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -721.431+/-654.889 χ^2/NDF : 21.6/21

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1883.203+/-0.687 χ^2/NDF : 660172.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1854.537+/-0.626 χ^2/NDF : 171745.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

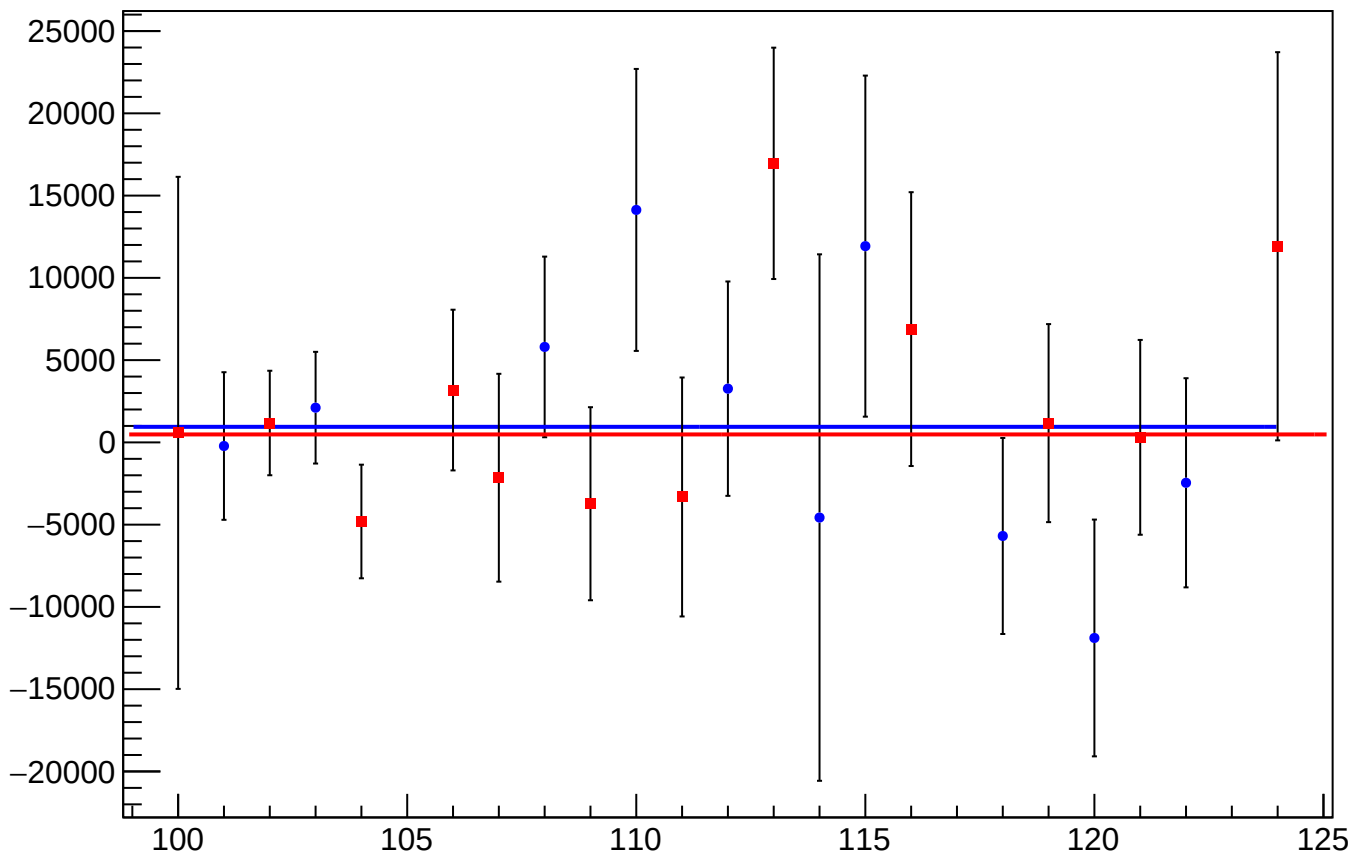
Right: 1867.552+/-0.463 χ^2/NDF : 832869.1/21

In: 1883.203+/-0.687 χ^2/NDF : 660172.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.552+/-0.463 χ^2/NDF : 832869.1/21

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 945.635 $\pm$ 1849.620 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 483.625 $\pm$ 1580.837 χ^2 /NDF: 10.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

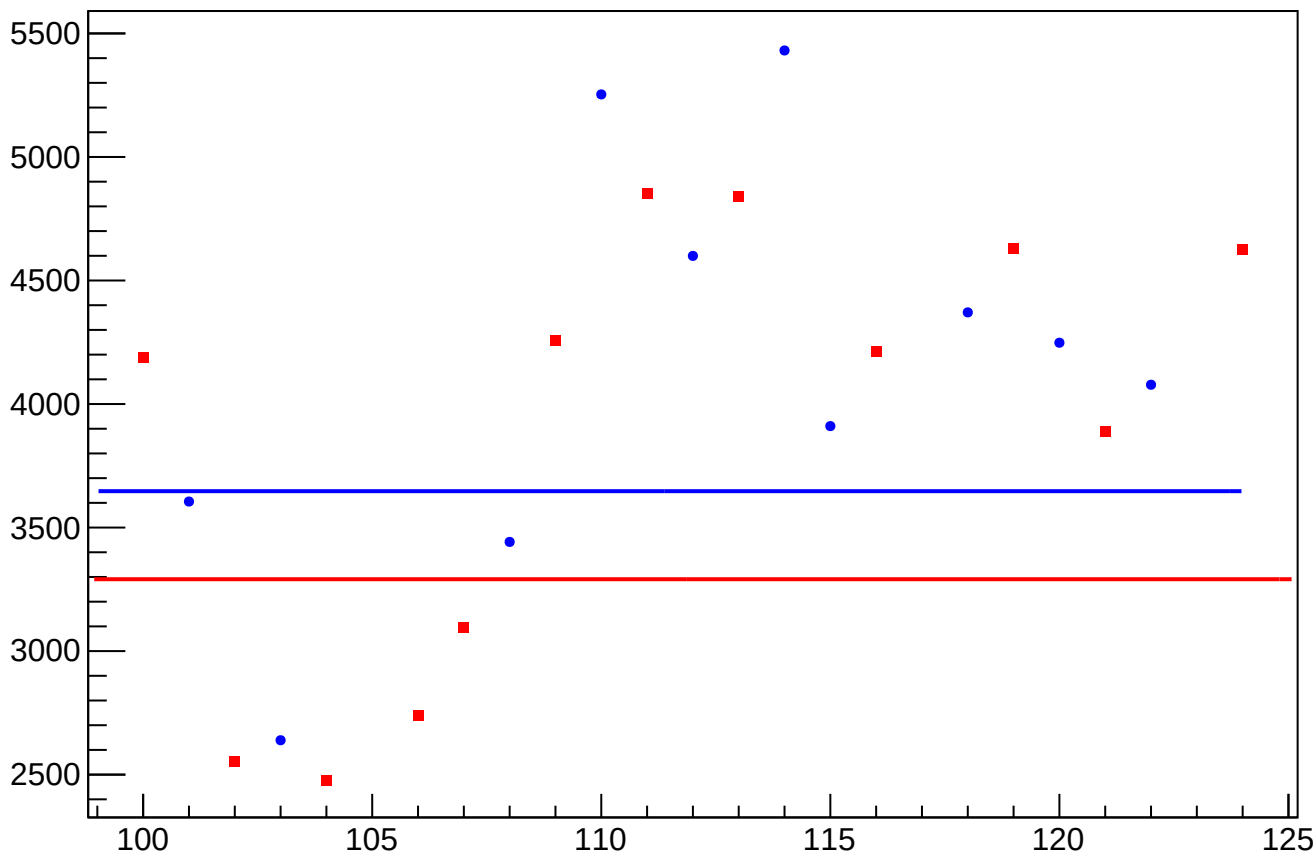
Right: 678.652 $\pm$ 1201.721 χ^2 /NDF: 20.1/21

In: 945.635 $\pm$ 1849.620 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 678.652 $\pm$ 1201.721 χ^2 /NDF: 20.1/21

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3647.281+/-1.308 χ^2/NDF : 371141.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3290.947+/-1.118 χ^2/NDF : 666501.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

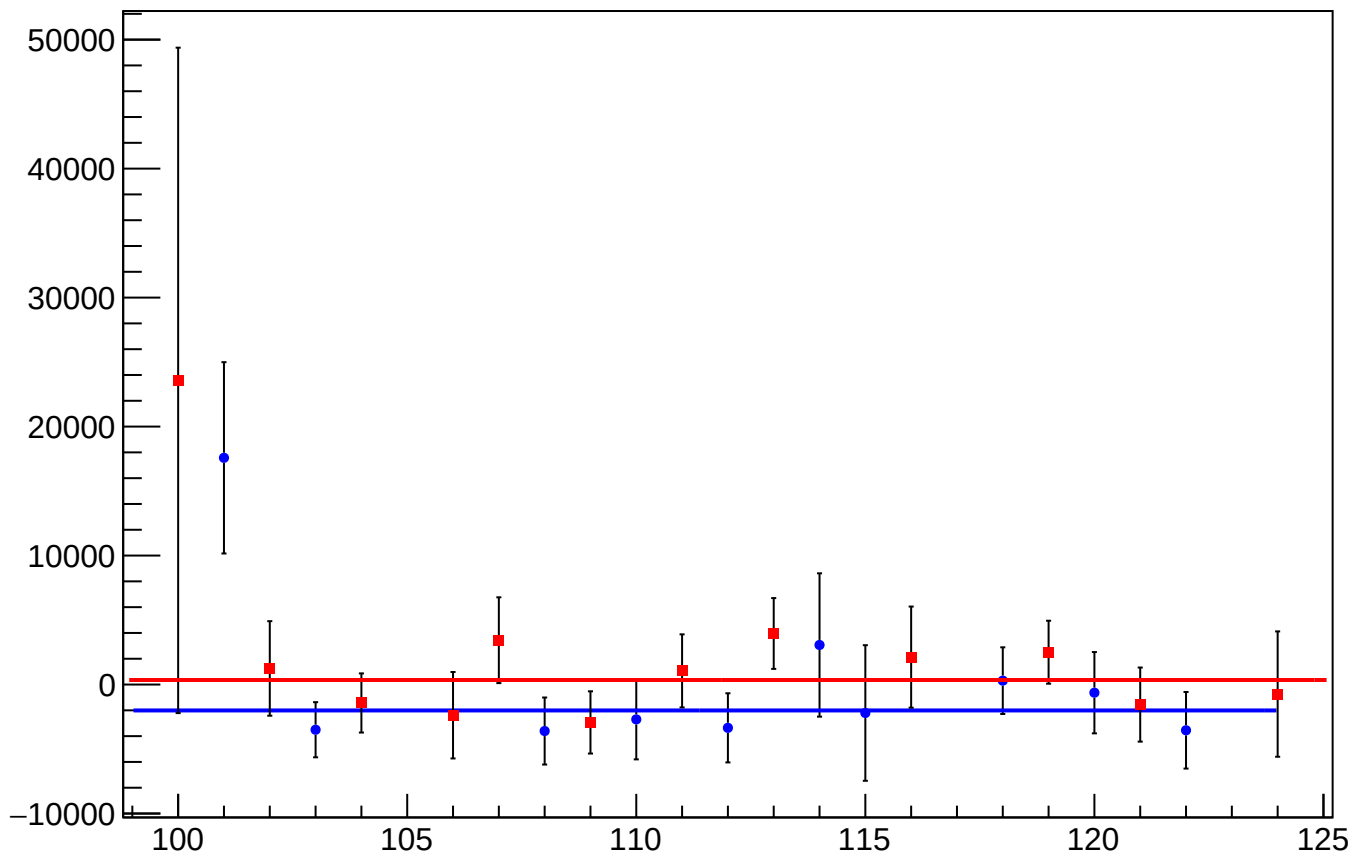
Right: 3441.365+/-0.850 χ^2/NDF : 1080538.5/21

In: 3647.281+/-1.308 χ^2/NDF : 371141.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3441.365+/-0.850 χ^2/NDF : 1080538.5/21

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2008.441+/-971.033 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 352.391+/-886.972 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

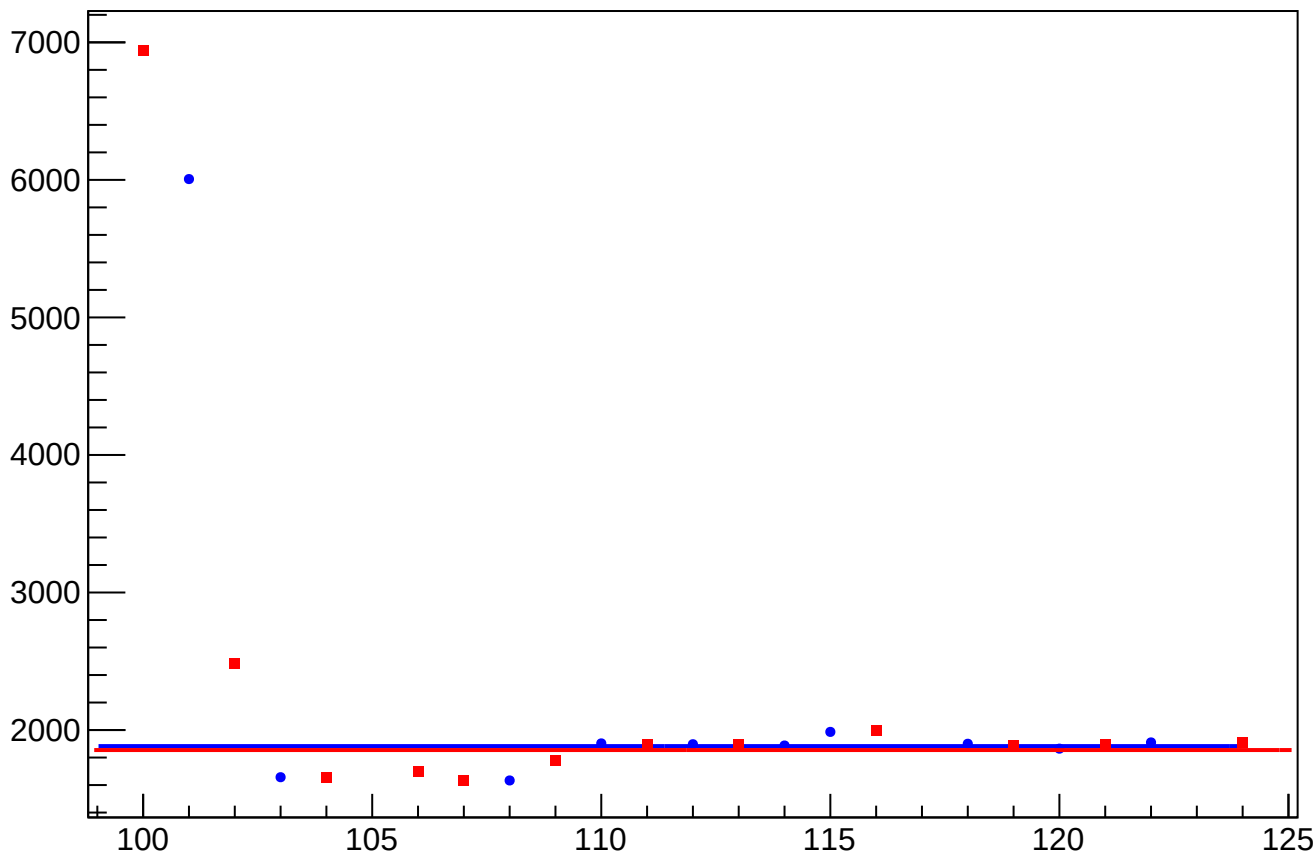
Right: -721.433+/-654.889 χ^2/NDF : 21.6/21

In: -2008.441+/-971.033 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -721.433+/-654.889 χ^2/NDF : 21.6/21

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1883.203+/-0.687 χ^2/NDF : 660172.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1854.537+/-0.626 χ^2/NDF : 171745.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

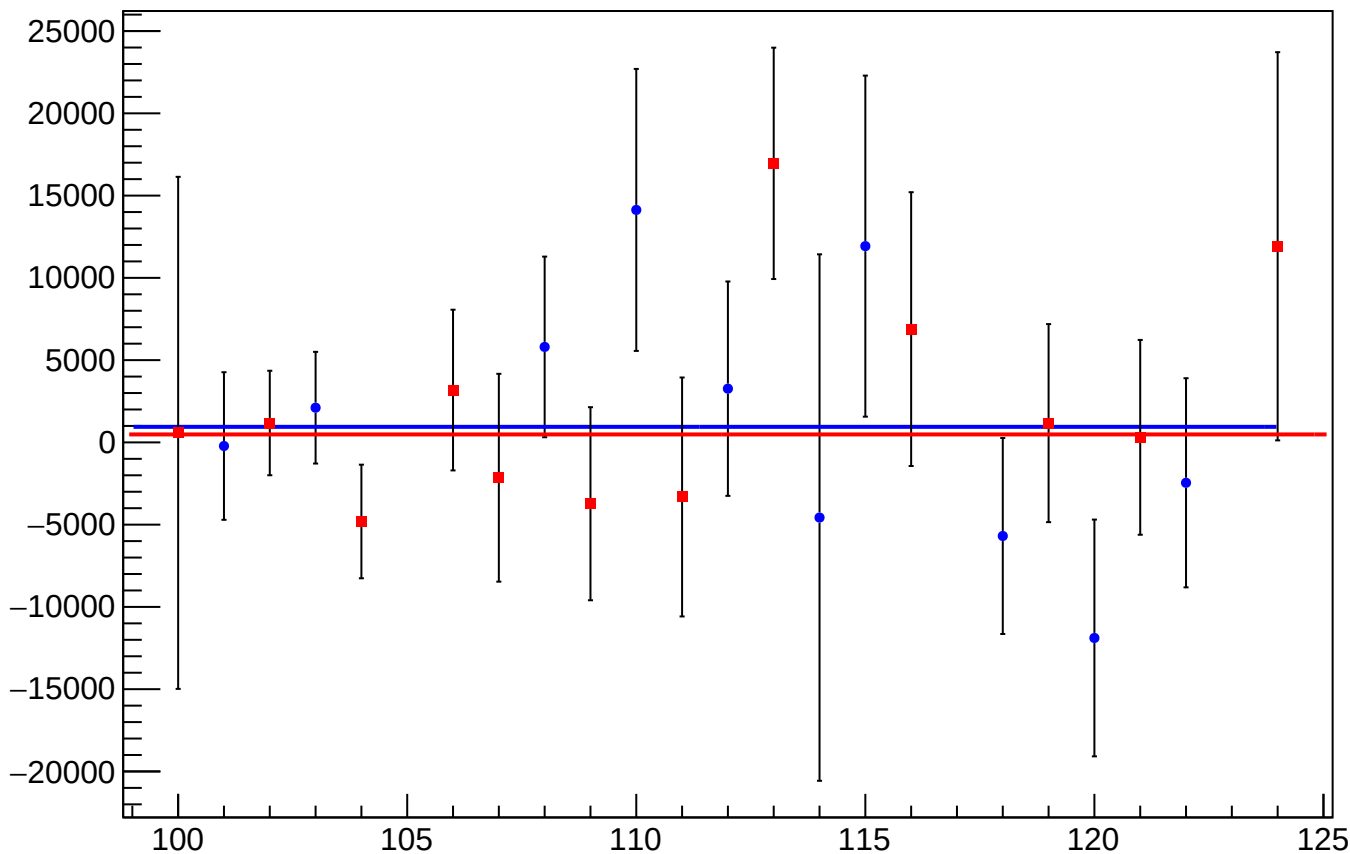
Right: 1867.552+/-0.463 χ^2/NDF : 832869.1/21

In: 1883.203+/-0.687 χ^2/NDF : 660172.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.552+/-0.463 χ^2/NDF : 832869.1/21

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 945.630+/-1849.617 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 483.624+/-1580.835 χ^2/NDF : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

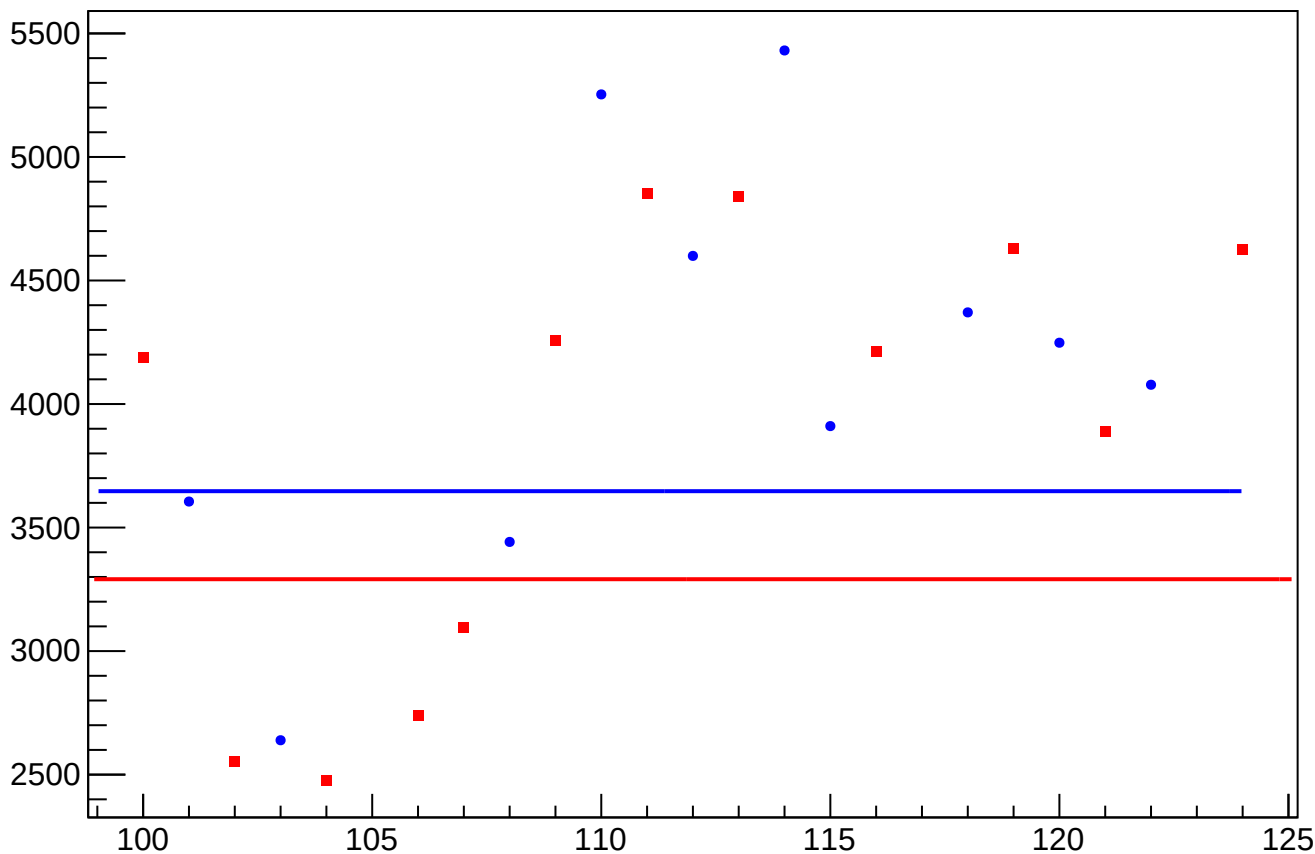
Right: 678.649+/-1201.719 χ^2/NDF : 20.1/21

In: 945.630+/-1849.617 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 678.649+/-1201.719 χ^2/NDF : 20.1/21

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3647.276+/-1.308 χ^2/NDF : 371137.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3290.944+/-1.118 χ^2/NDF : 666496.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

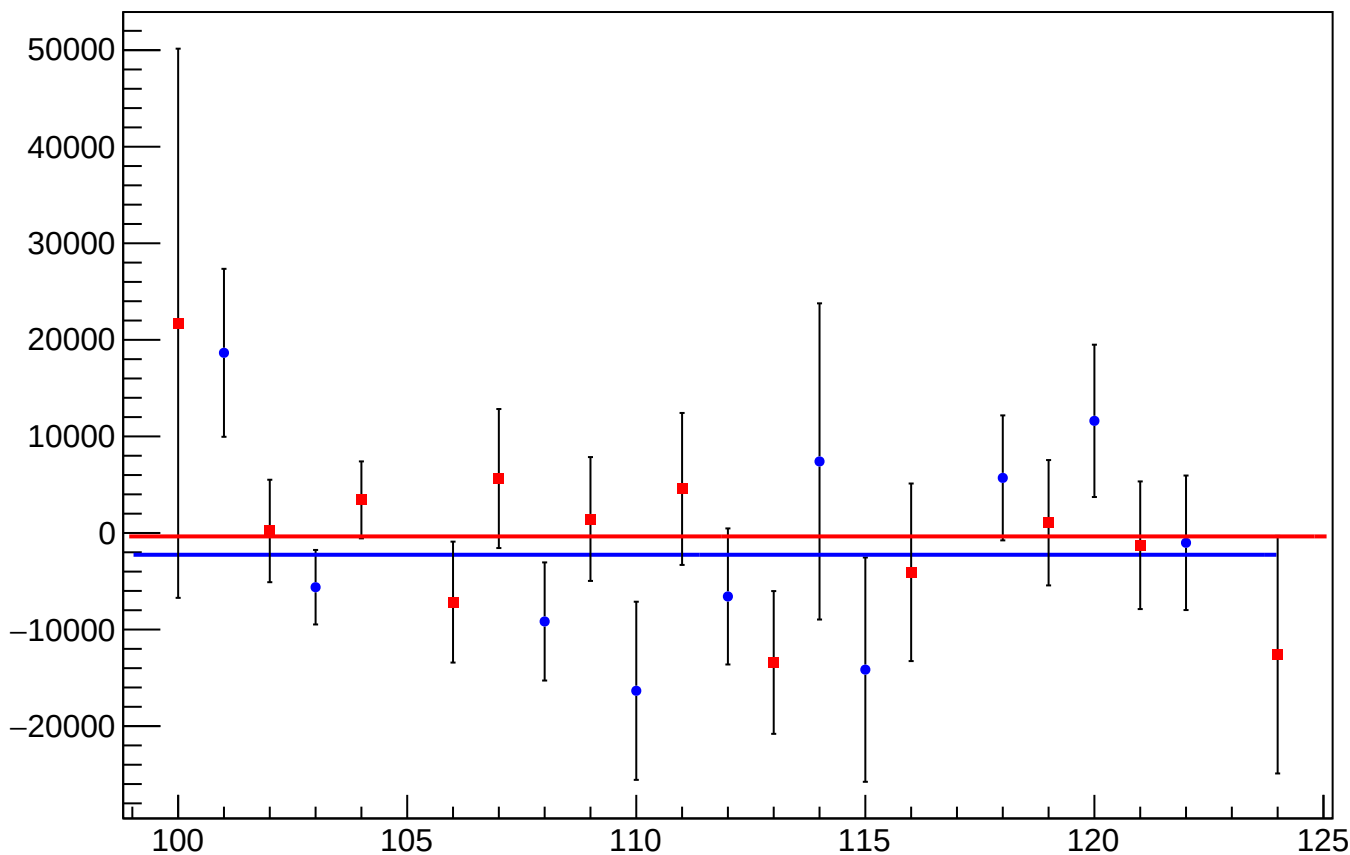
Right: 3441.361+/-0.850 χ^2/NDF : 1080529.5/21

In: 3647.276+/-1.308 χ^2/NDF : 371137.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3441.361+/-0.850 χ^2/NDF : 1080529.5/21

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2256.370+/-2178.278 χ^2/NDF : 16.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.777+/-1930.245 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

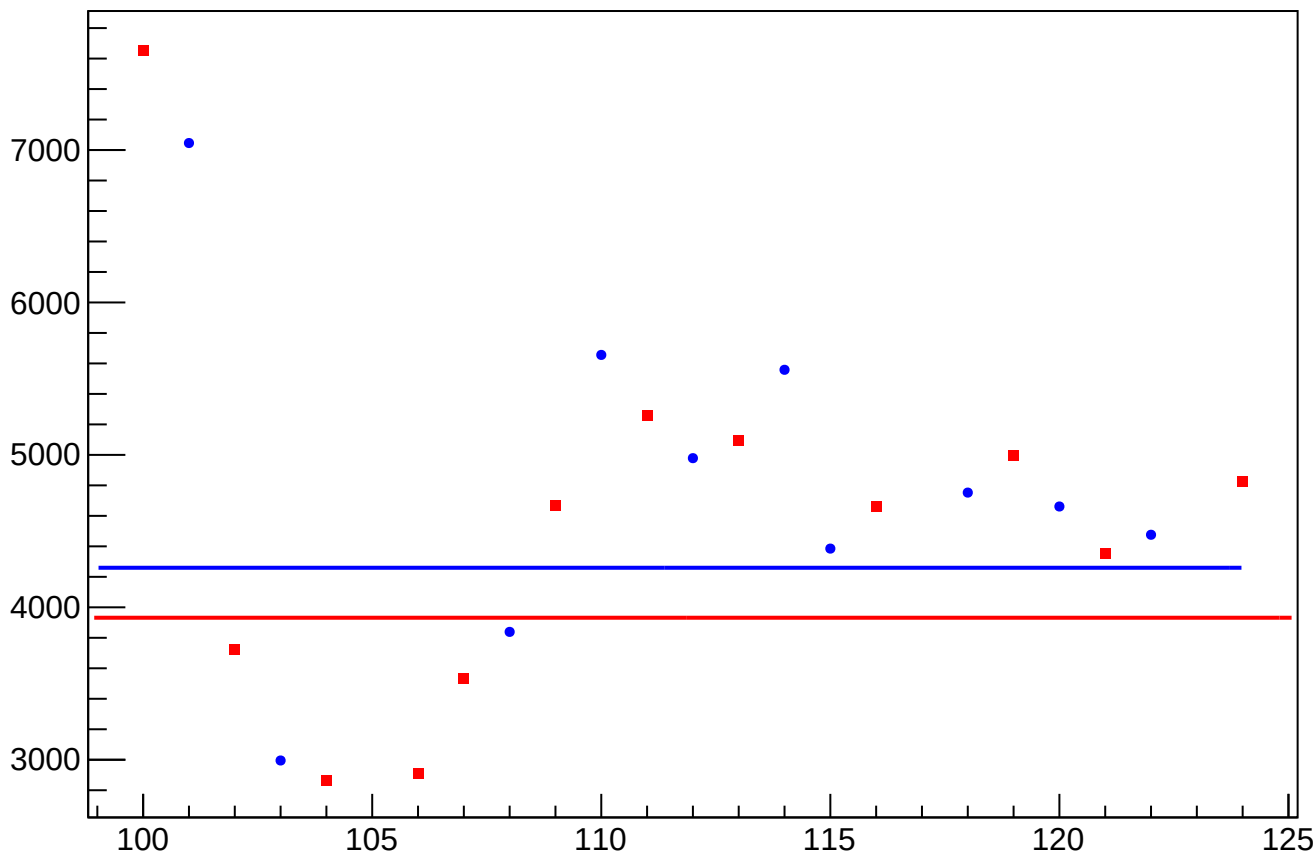
Right: -1191.751+/-1444.658 χ^2/NDF : 25.2/21

In: -2256.370+/-2178.278 χ^2/NDF : 16.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1191.751+/-1444.658 χ^2/NDF : 25.2/21

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4259.554+/-1.540 χ^2/NDF : 527826.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3931.702+/-1.349 χ^2/NDF : 471217.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

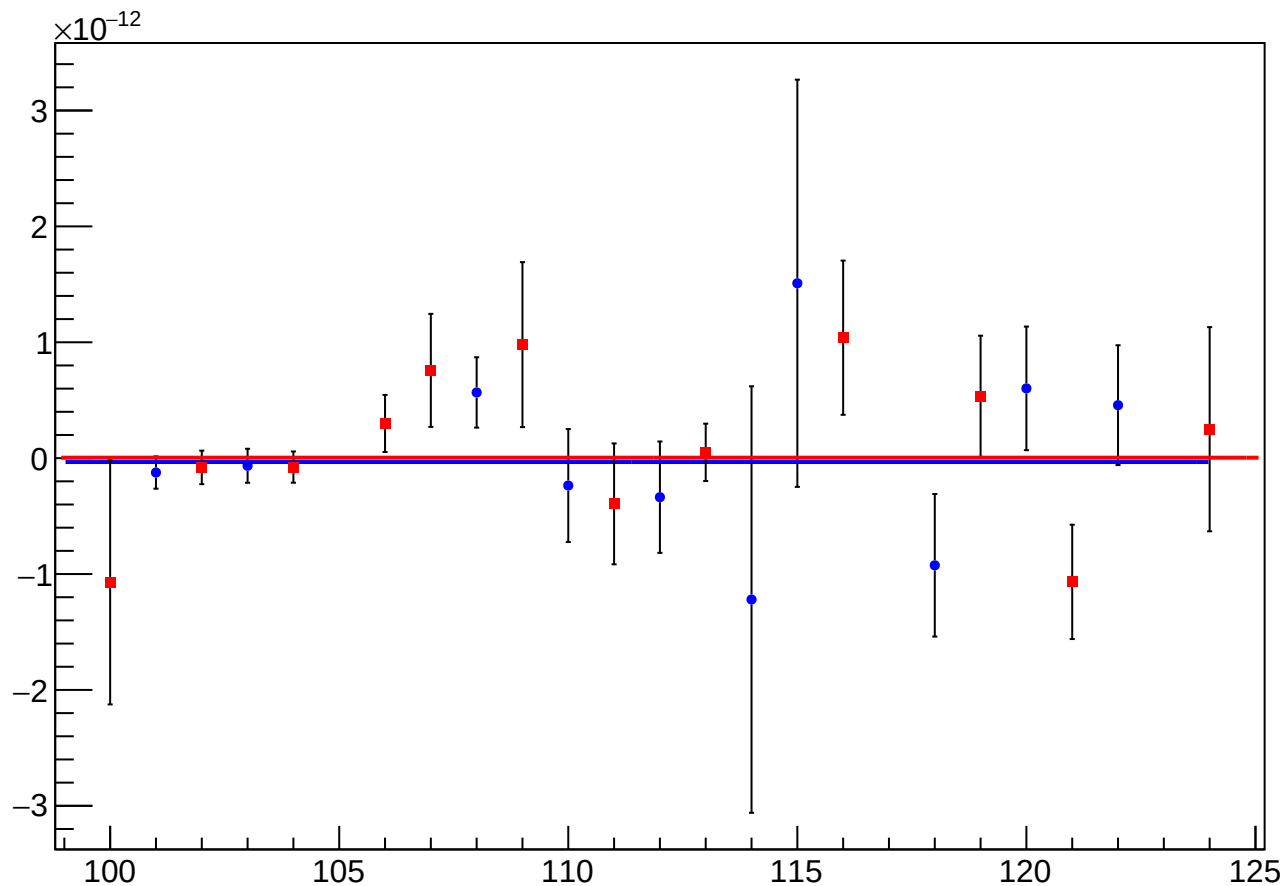
Right: 4074.044+/-1.015 χ^2/NDF : 1024679.2/21

In: 4259.554+/-1.540 χ^2/NDF : 527826.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4074.044+/-1.015 χ^2/NDF : 1024679.2/21

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

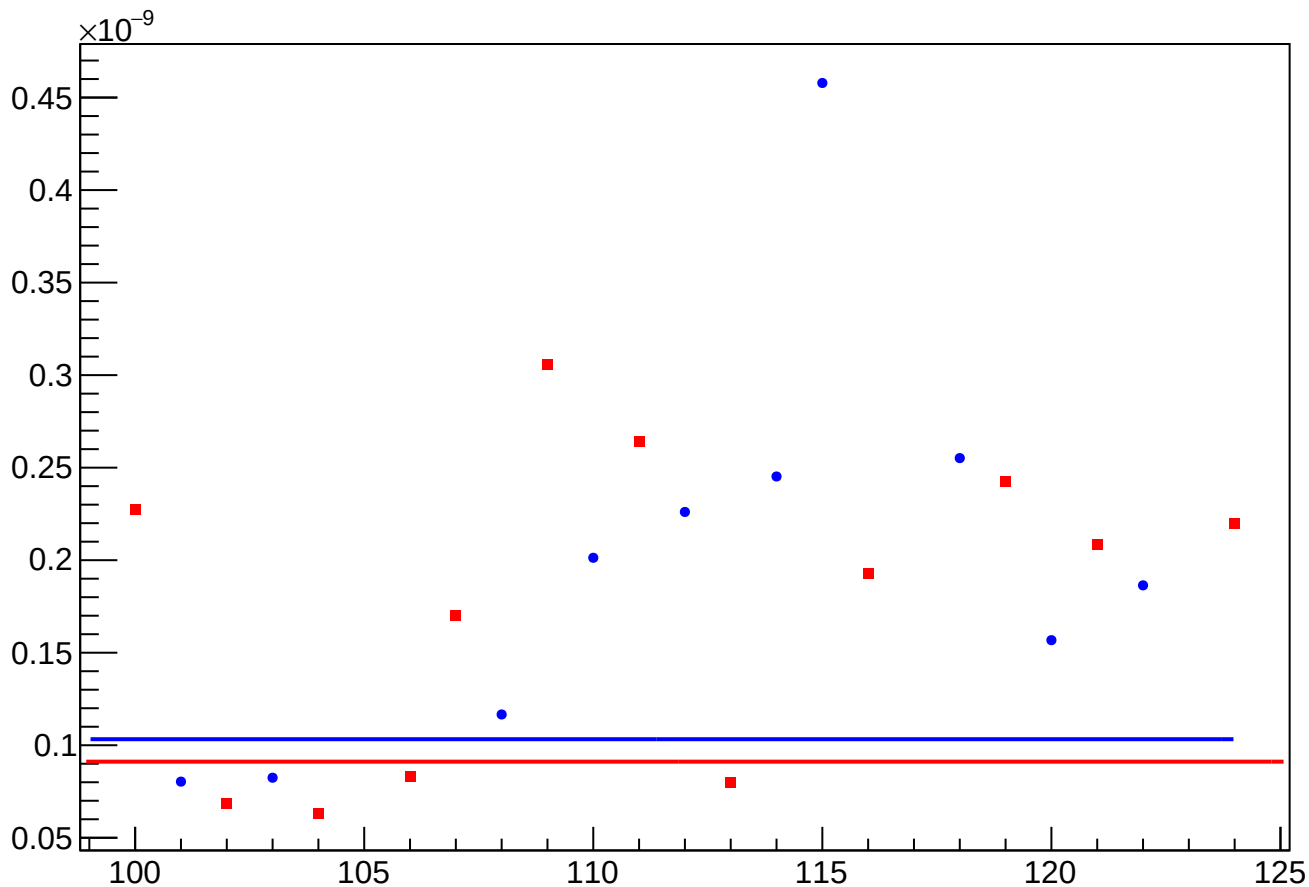
Right: -0.000+/-0.000 χ^2/NDF : 27.0/21

In: -0.000+/-0.000 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.0/21

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 597051.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1000103.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

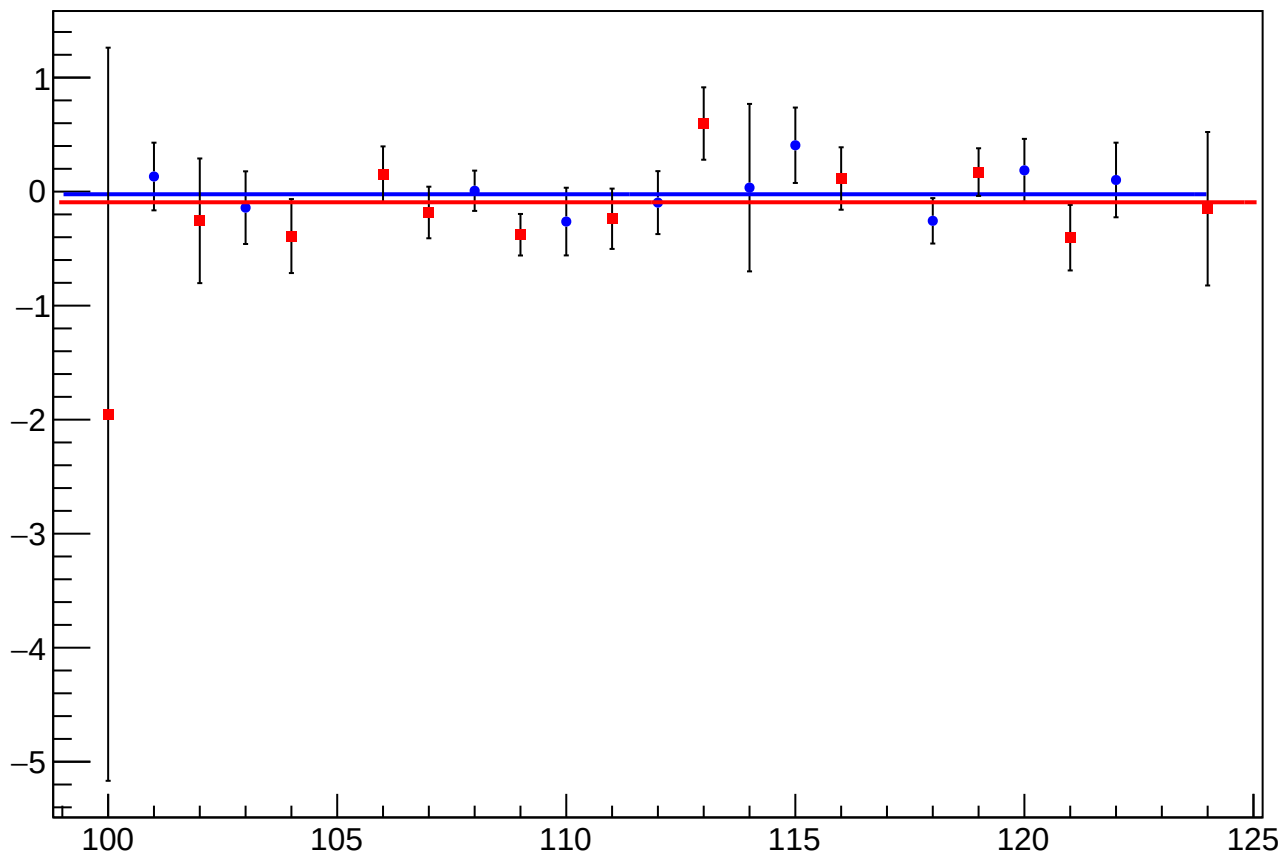
Right: 0.000+/-0.000 χ^2/NDF : 1617938.1/21

In: 0.000+/-0.000 χ^2/NDF : 597051.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1617938.1/21

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.086 $\chi^2/\text{NDF}: 5.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.093 ± 0.081 $\chi^2/\text{NDF}: 13.3/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

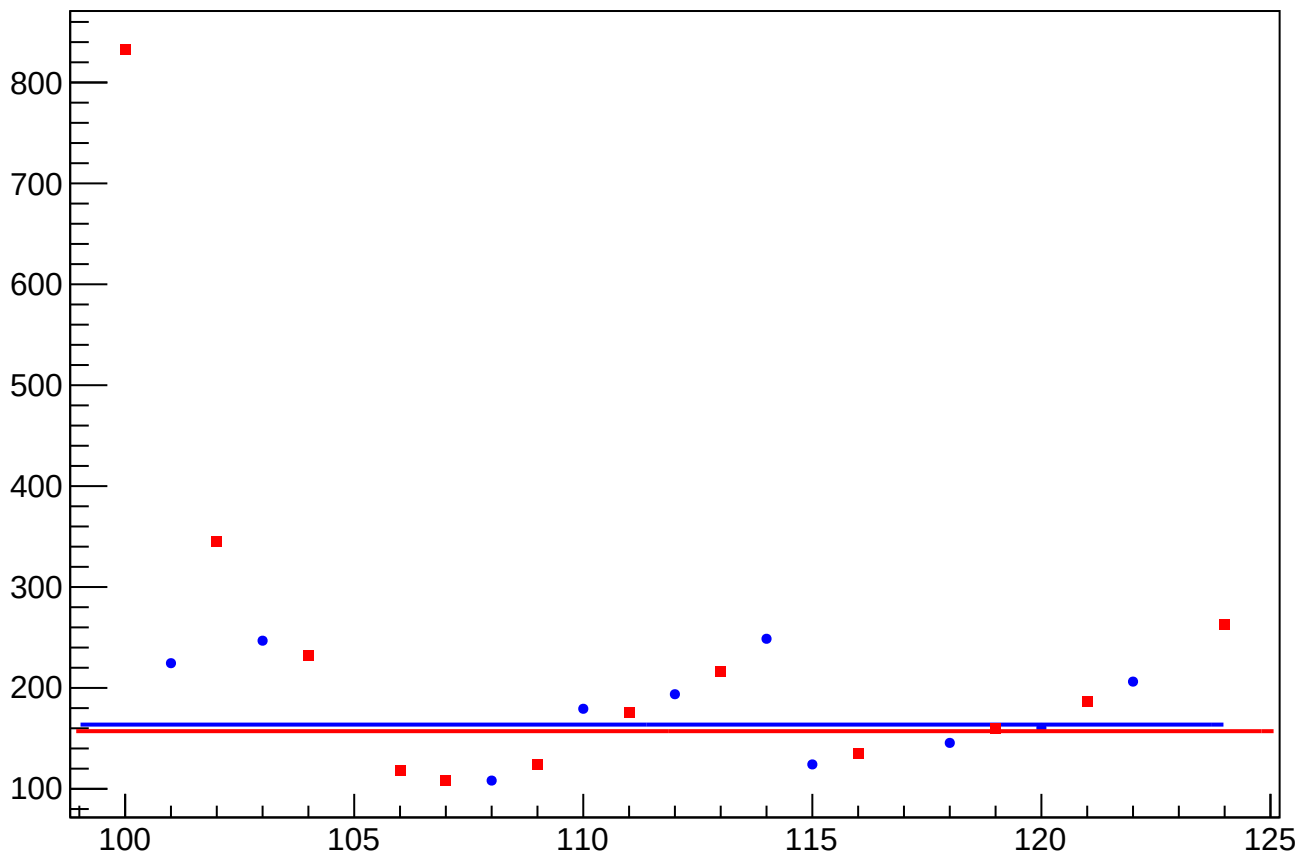
Right: -0.060 ± 0.059 $\chi^2/\text{NDF}: 18.6/21$

In: -0.023 ± 0.086 $\chi^2/\text{NDF}: 5.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.060 ± 0.059 $\chi^2/\text{NDF}: 18.6/21$

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 163.669+/-0.061 χ^2/NDF : 552925.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.152+/-0.057 χ^2/NDF : 805214.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

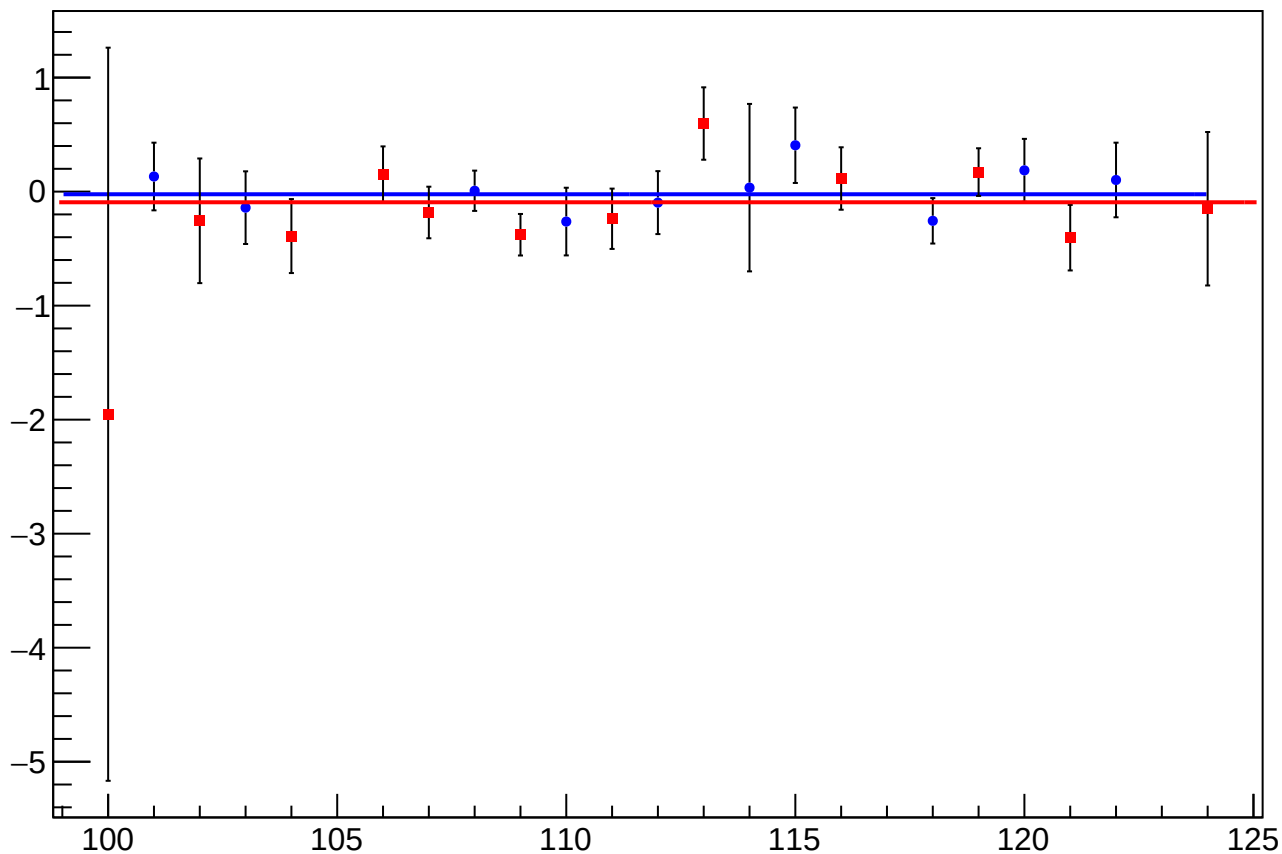
Right: 160.210+/-0.041 χ^2/NDF : 1364287.9/21

In: 163.669+/-0.061 χ^2/NDF : 552925.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.210+/-0.041 χ^2/NDF : 1364287.9/21

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.086 χ^2/NDF : 5.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 ± 0.081 χ^2/NDF : 13.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

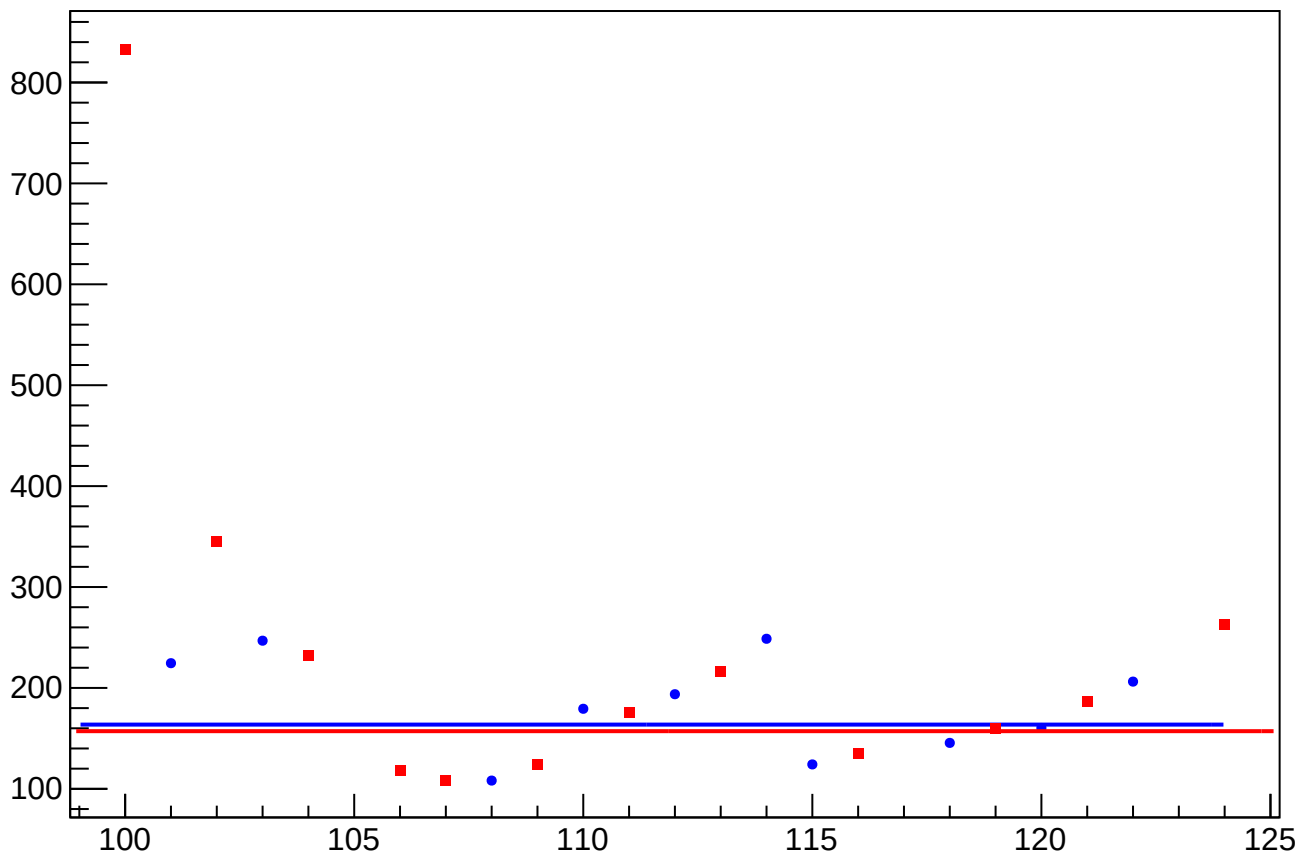
Right: -0.060 ± 0.059 χ^2/NDF : 18.6/21

In: -0.023 ± 0.086 χ^2/NDF : 5.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.060 ± 0.059 χ^2/NDF : 18.6/21

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 163.669+/-0.061 χ^2/NDF : 552925.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.152+/-0.057 χ^2/NDF : 805214.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

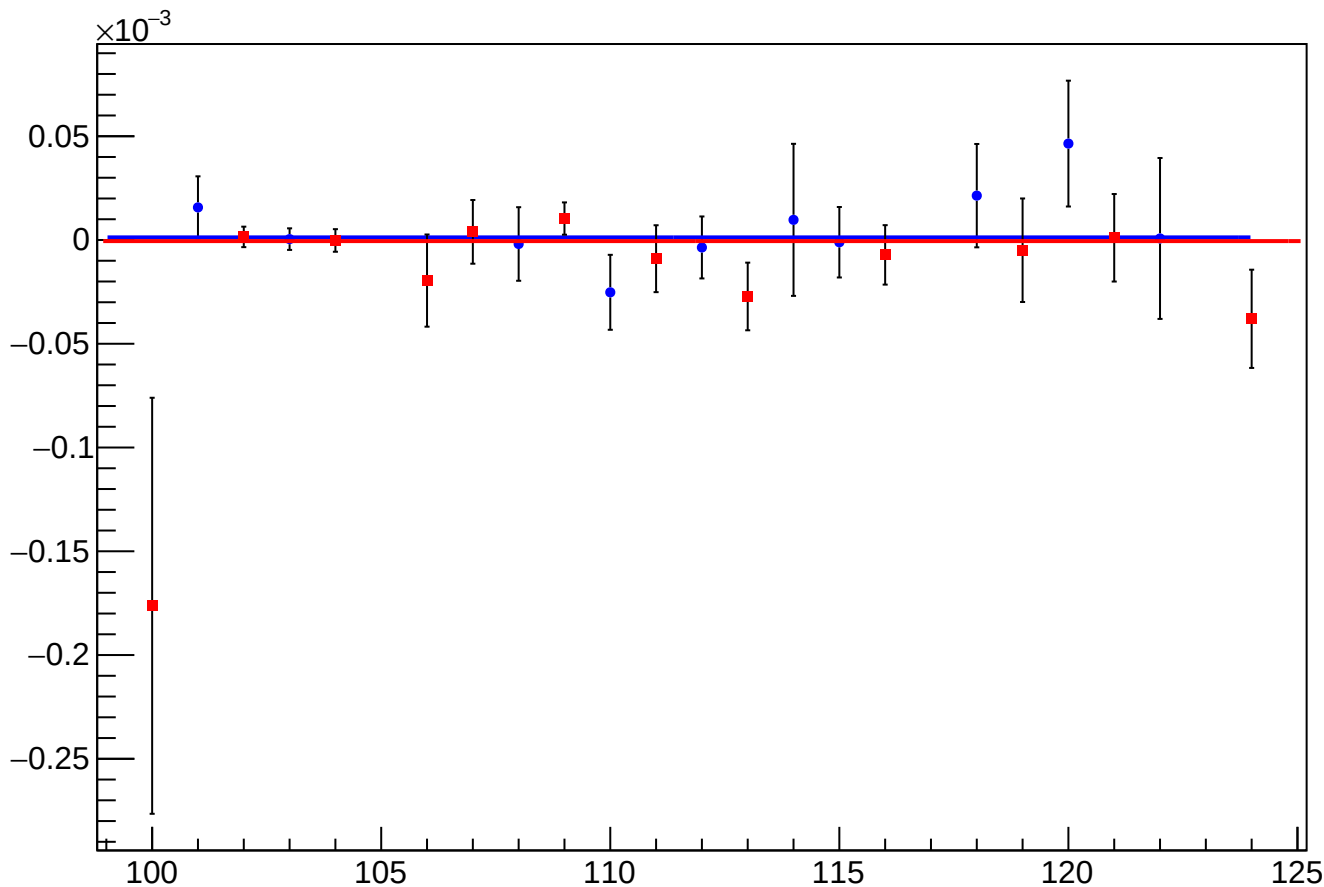
Right: 160.210+/-0.041 χ^2/NDF : 1364287.9/21

In: 163.669+/-0.061 χ^2/NDF : 552925.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.210+/-0.041 χ^2/NDF : 1364287.9/21

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

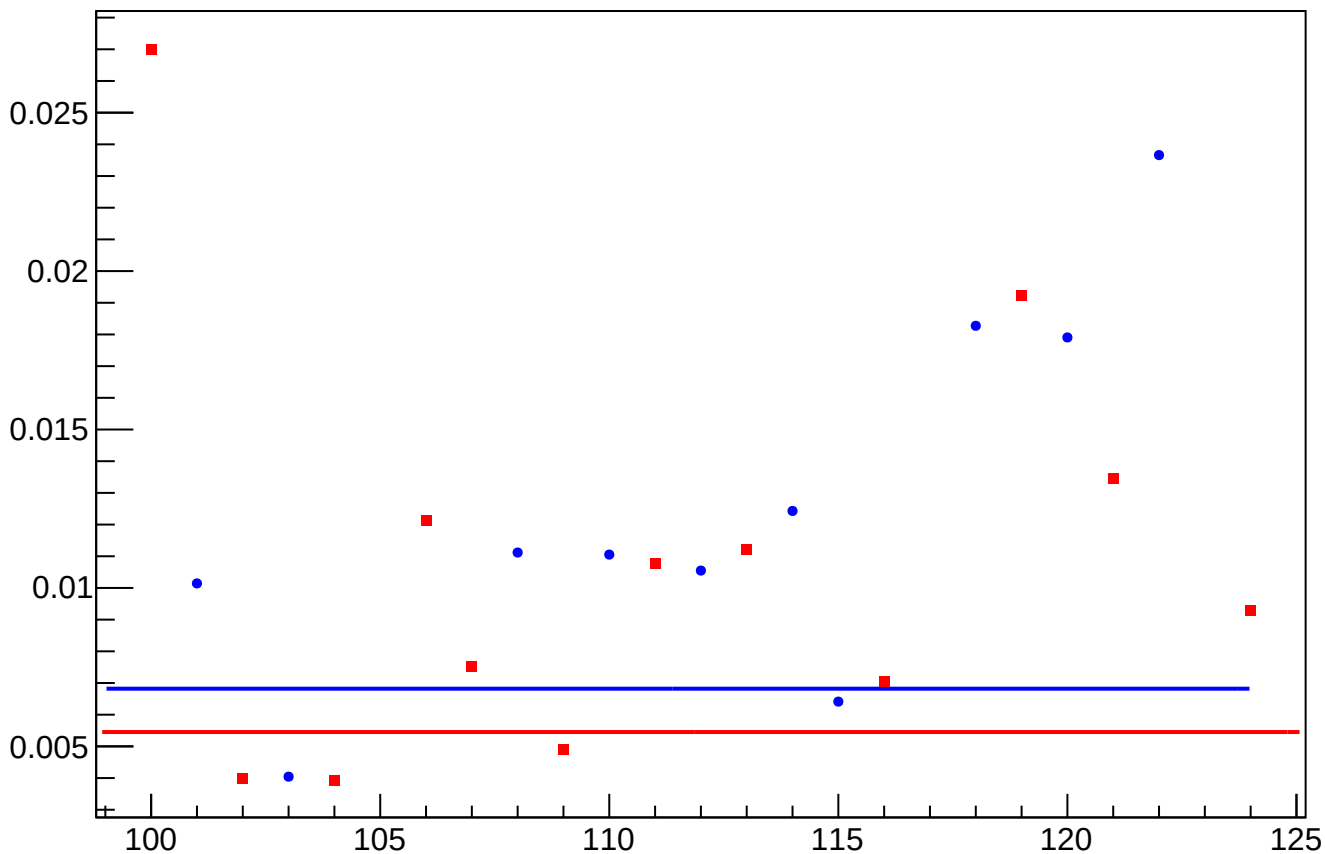
Right: 0.000+/-0.000 χ^2/NDF : 18.0/21

In: 0.000+/-0.000 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.0/21

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2136553.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2099389.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

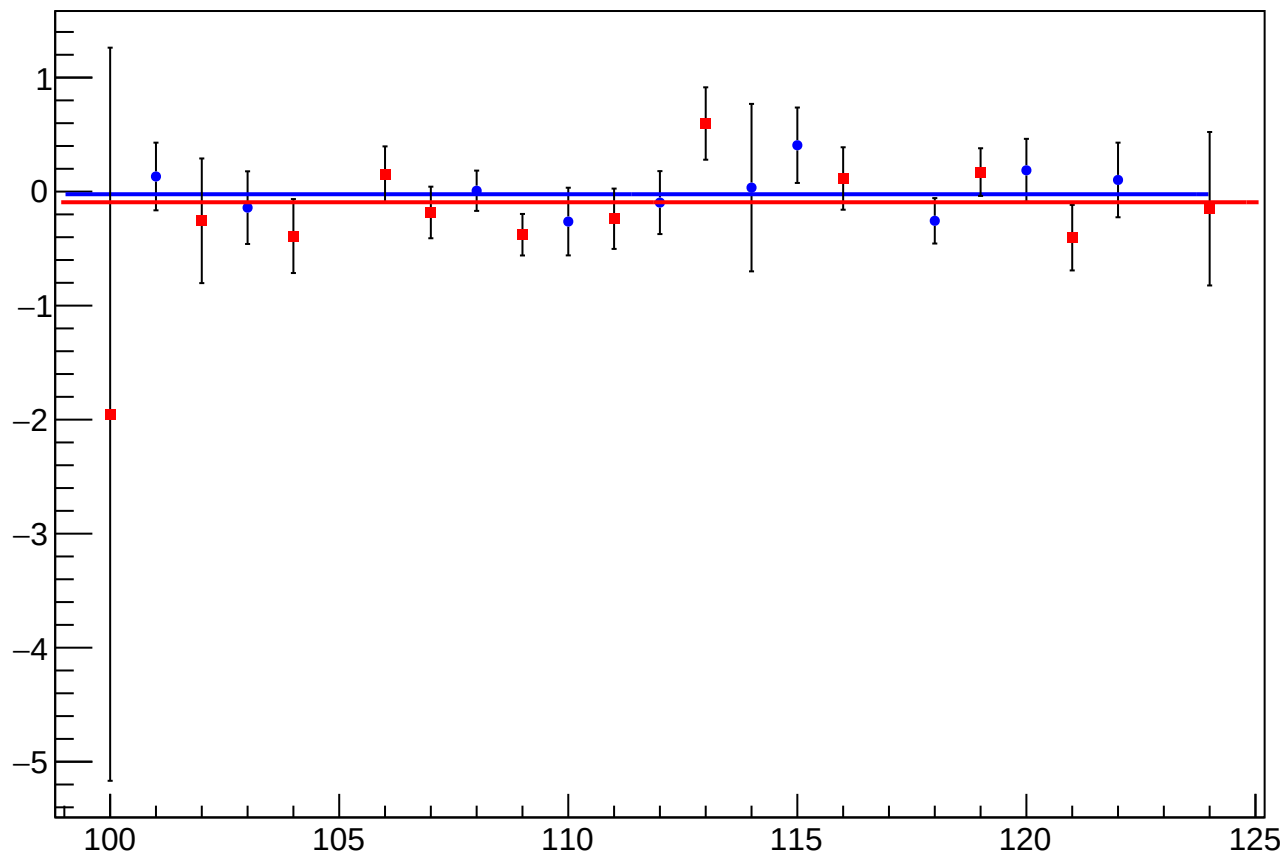
Right: 0.006+/-0.000 χ^2/NDF : 4383438.3/21

In: 0.007+/-0.000 χ^2/NDF :2136553.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 4383438.3/21

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.086 $\chi^2/\text{NDF}: 5.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.093 ± 0.081 $\chi^2/\text{NDF}: 13.3/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

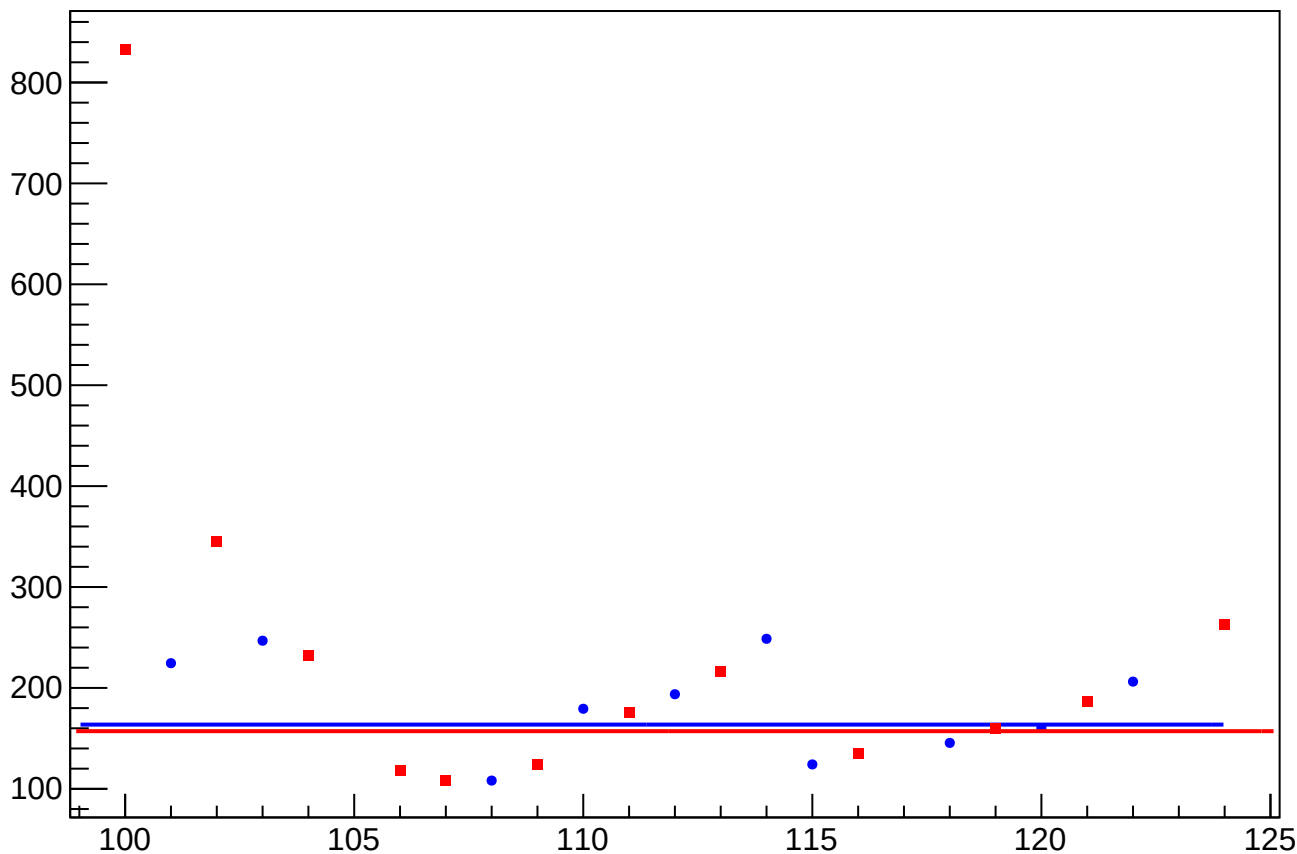
Right: -0.060 ± 0.059 $\chi^2/\text{NDF}: 18.6/21$

In: -0.023 ± 0.086 $\chi^2/\text{NDF}: 5.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.060 ± 0.059 $\chi^2/\text{NDF}: 18.6/21$

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 163.666+/-0.061 χ^2/NDF : 552978.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.152+/-0.057 χ^2/NDF : 805214.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

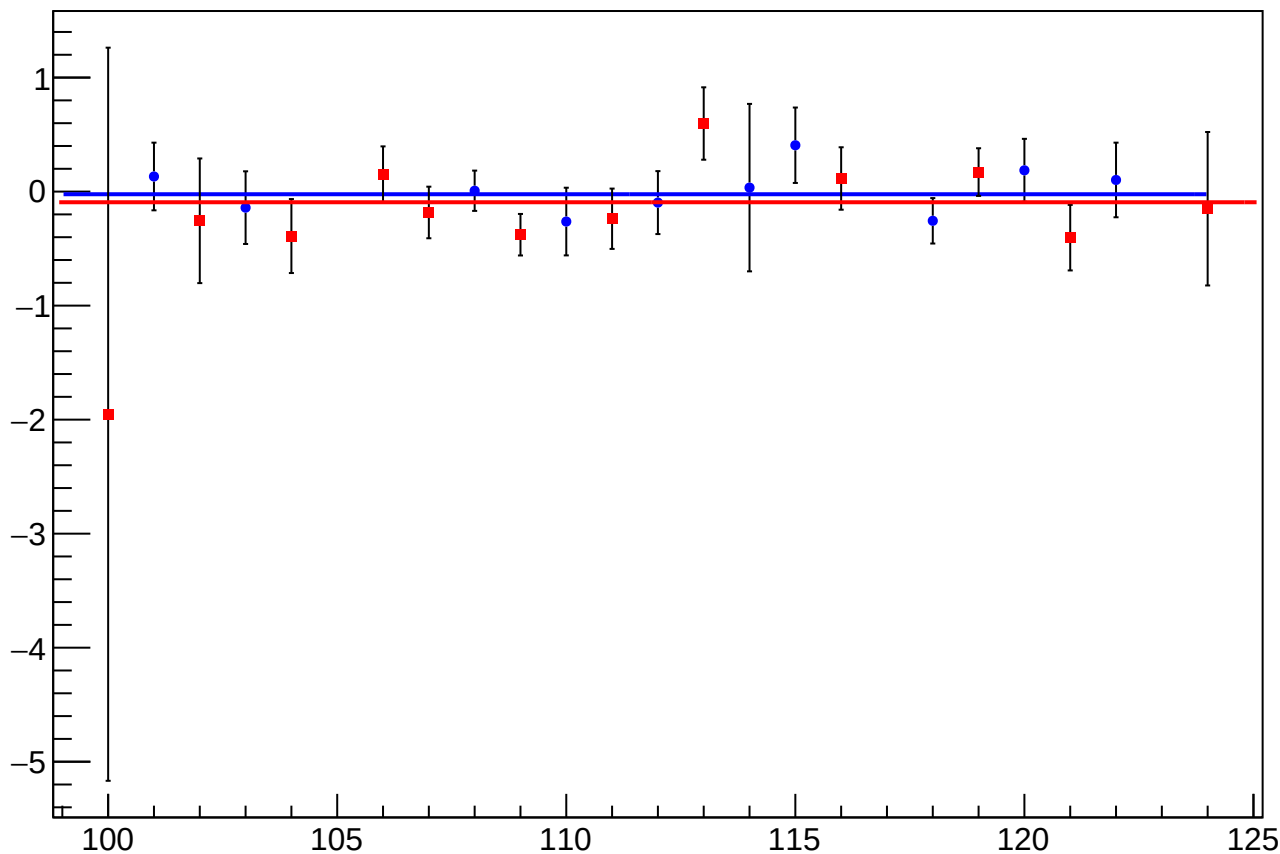
Right: 160.209+/-0.041 χ^2/NDF : 1364335.9/21

In: 163.666+/-0.061 χ^2/NDF : 552978.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.209+/-0.041 χ^2/NDF : 1364335.9/21

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.086 χ^2/NDF : 5.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.093 ± 0.081 χ^2/NDF : 13.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

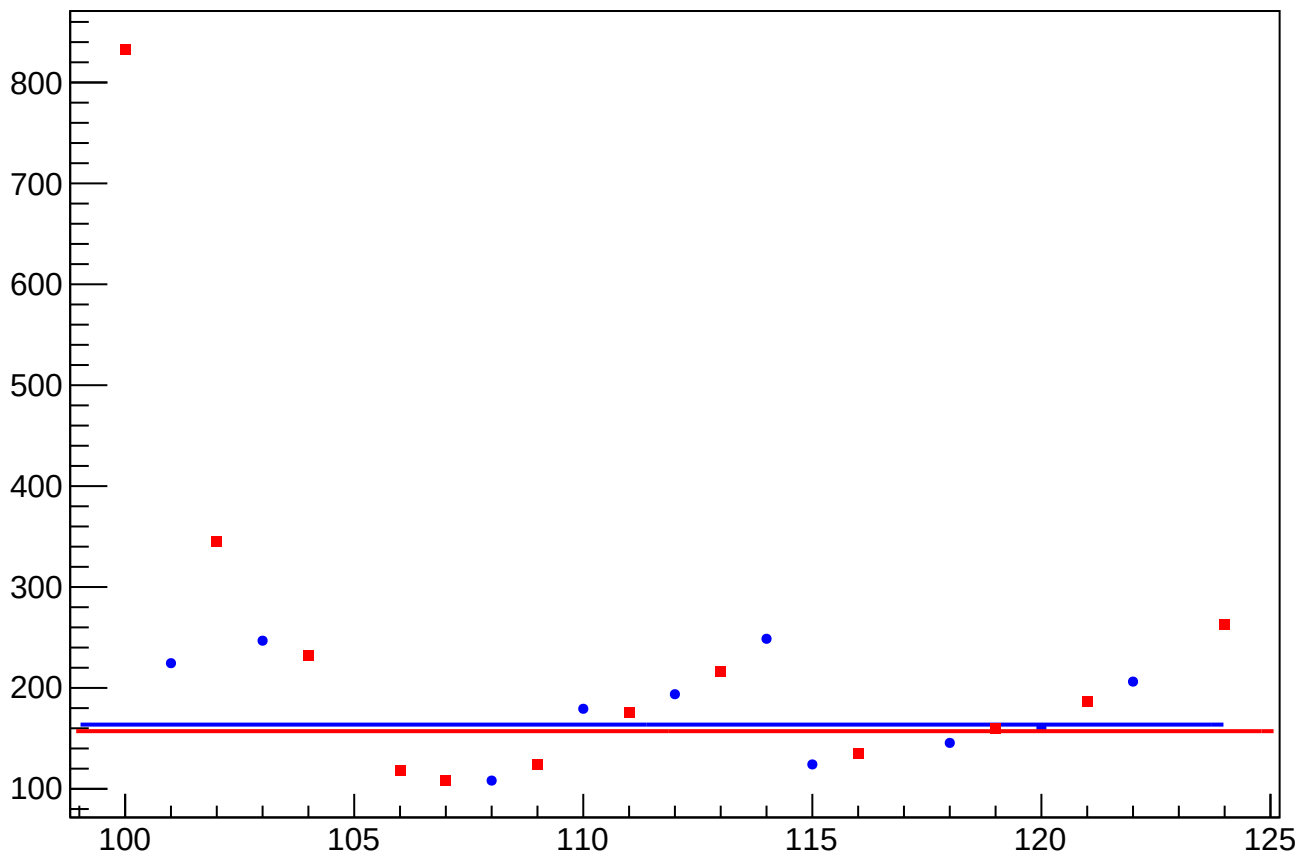
Right: -0.060 ± 0.059 χ^2/NDF : 18.6/21

In: -0.023 ± 0.086 χ^2/NDF : 5.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.060 ± 0.059 χ^2/NDF : 18.6/21

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 163.666+/-0.061 χ^2/NDF : 552978.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 157.152+/-0.057 χ^2/NDF : 805214.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

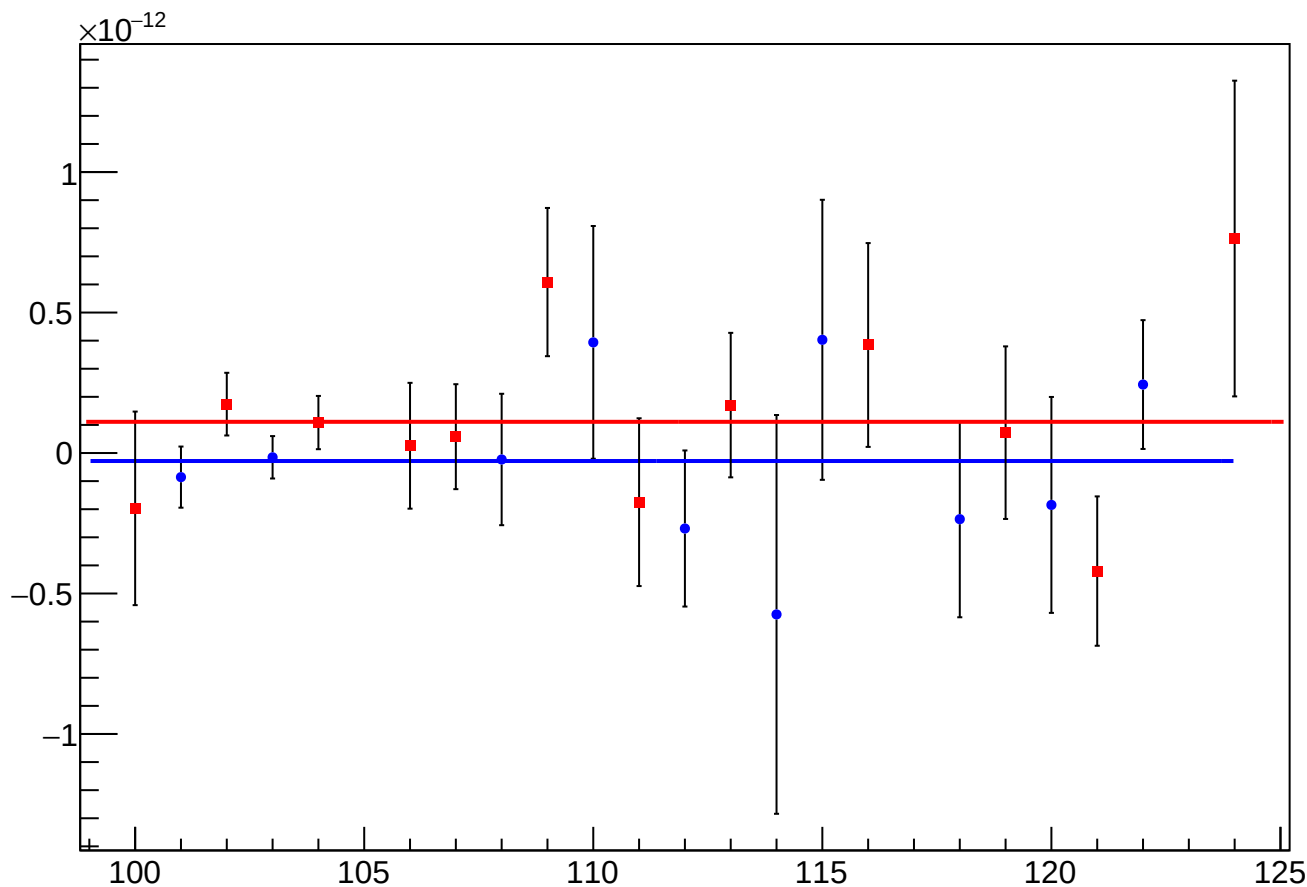
Right: 160.209+/-0.041 χ^2/NDF : 1364335.9/21

In: 163.666+/-0.061 χ^2/NDF :552978.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 160.209+/-0.041 χ^2/NDF : 1364335.9/21

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

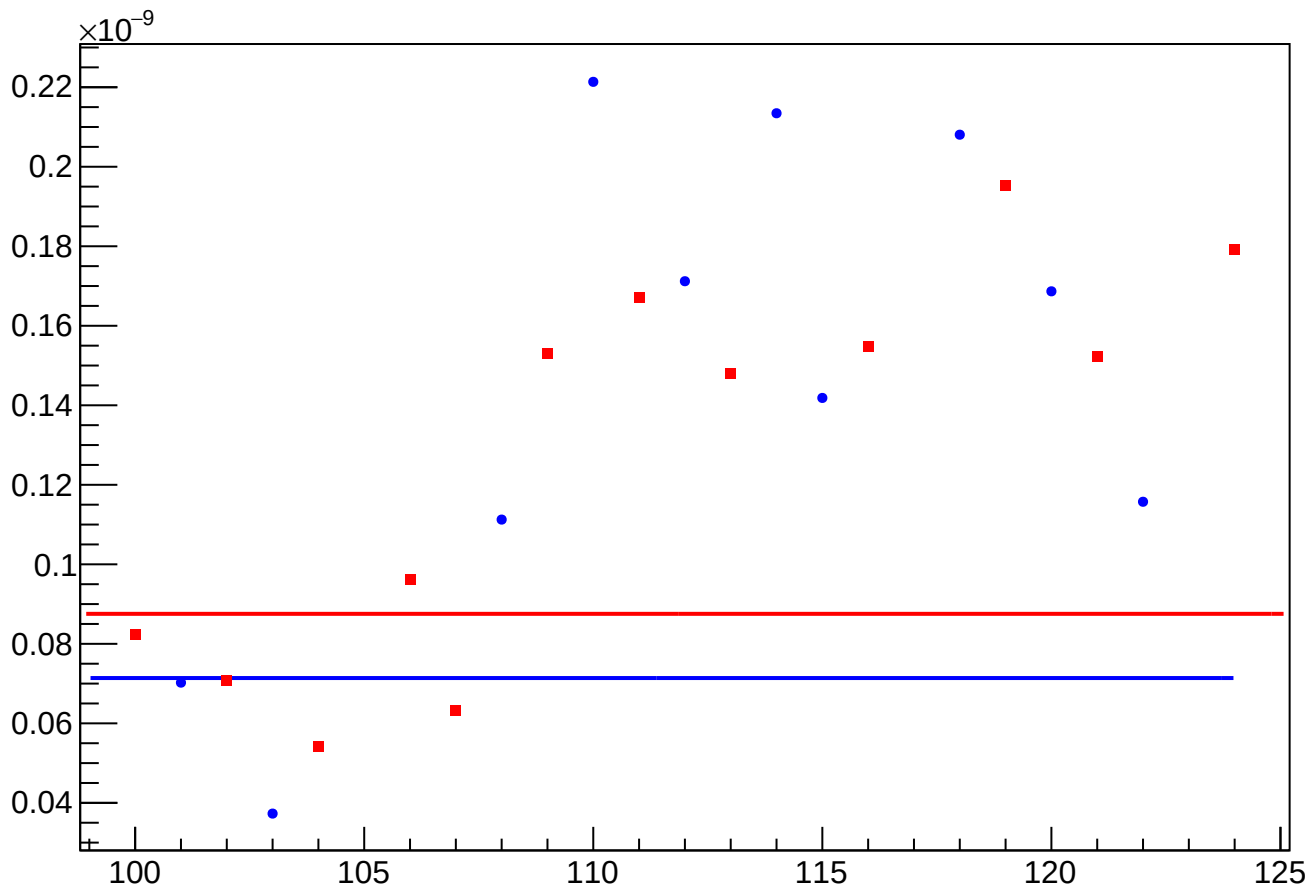
Right: 0.000+/-0.000 χ^2/NDF : 20.4/21

In: -0.000+/-0.000 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.4/21

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1616156.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1190622.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

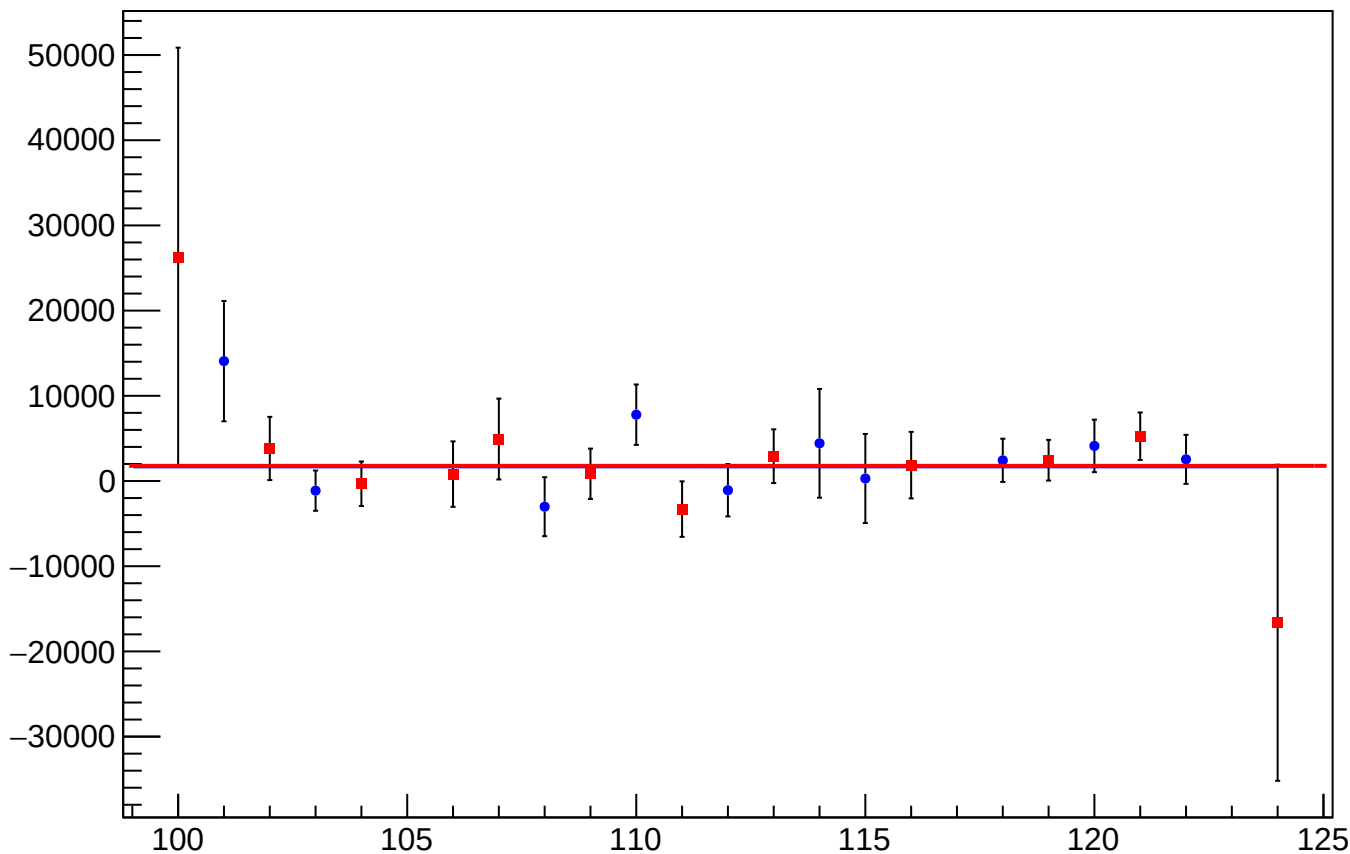
Right: 0.000+/-0.000 χ^2/NDF : 2893081.4/21

In: 0.000+/-0.000 χ^2/NDF : 1616156.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2893081.4/21

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1723.275+/-1047.972 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1778.055+/-992.682 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

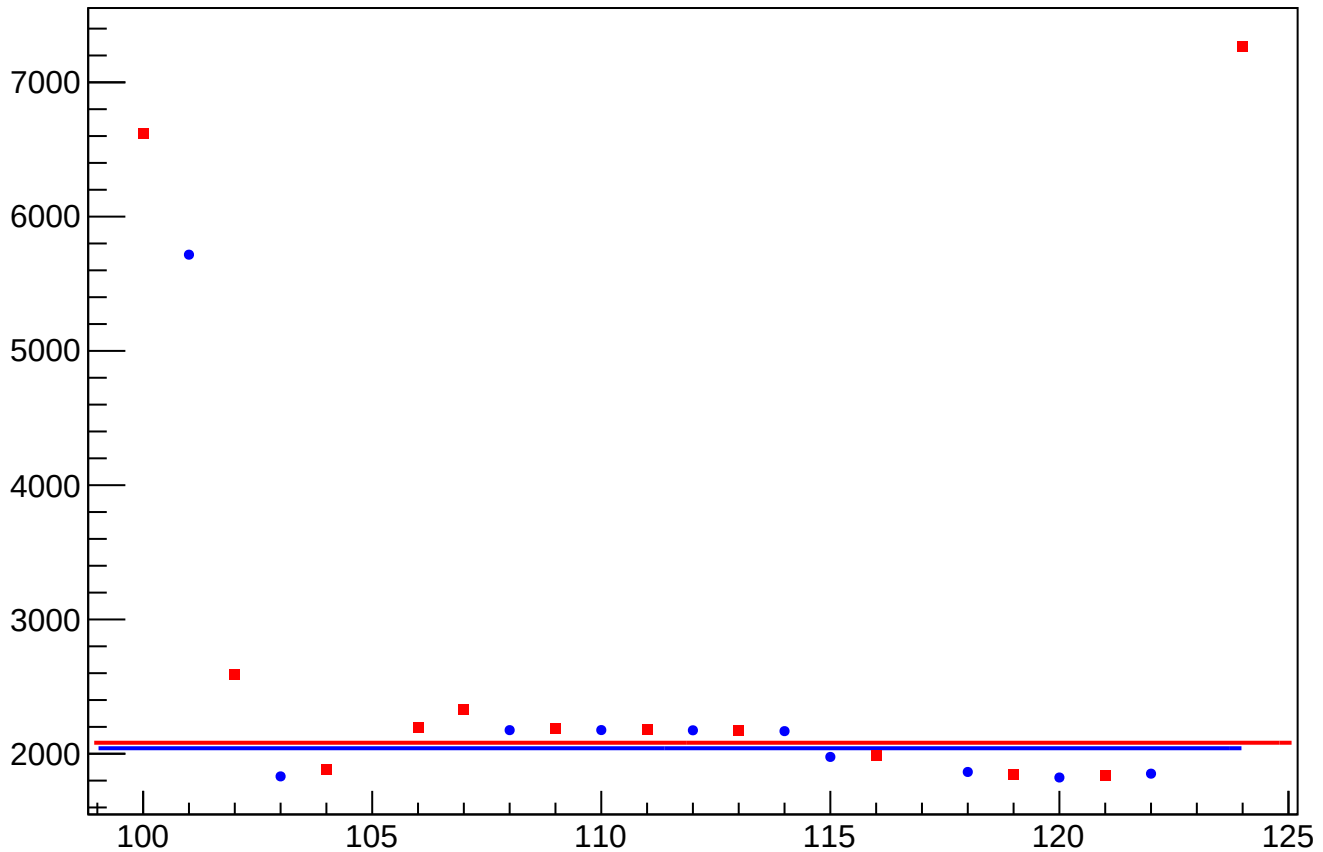
Right: 1752.148+/-720.686 χ^2/NDF : 18.9/21

In: 1723.275+/-1047.972 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1752.148+/-720.686 χ^2/NDF : 18.9/21

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2040.876+/-0.741 χ^2/NDF : 597073.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2081.978+/-0.702 χ^2/NDF : 323097.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

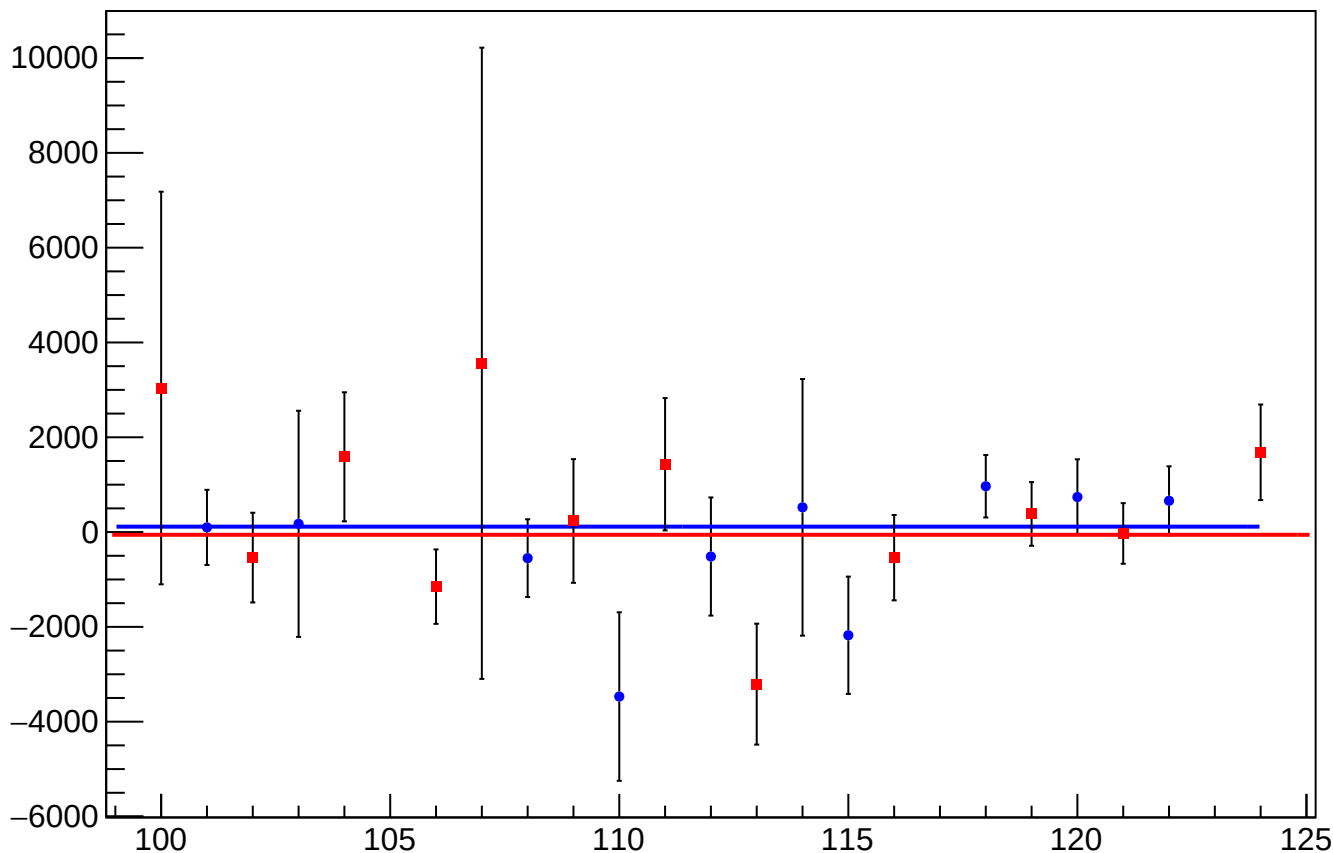
Right: 2062.540+/-0.510 χ^2/NDF : 921792.5/21

In: 2040.876+/-0.741 χ^2/NDF : 597073.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.540+/-0.510 χ^2/NDF : 921792.5/21

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 114.625+/-304.607 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.507+/-289.252 χ^2/NDF : 15.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

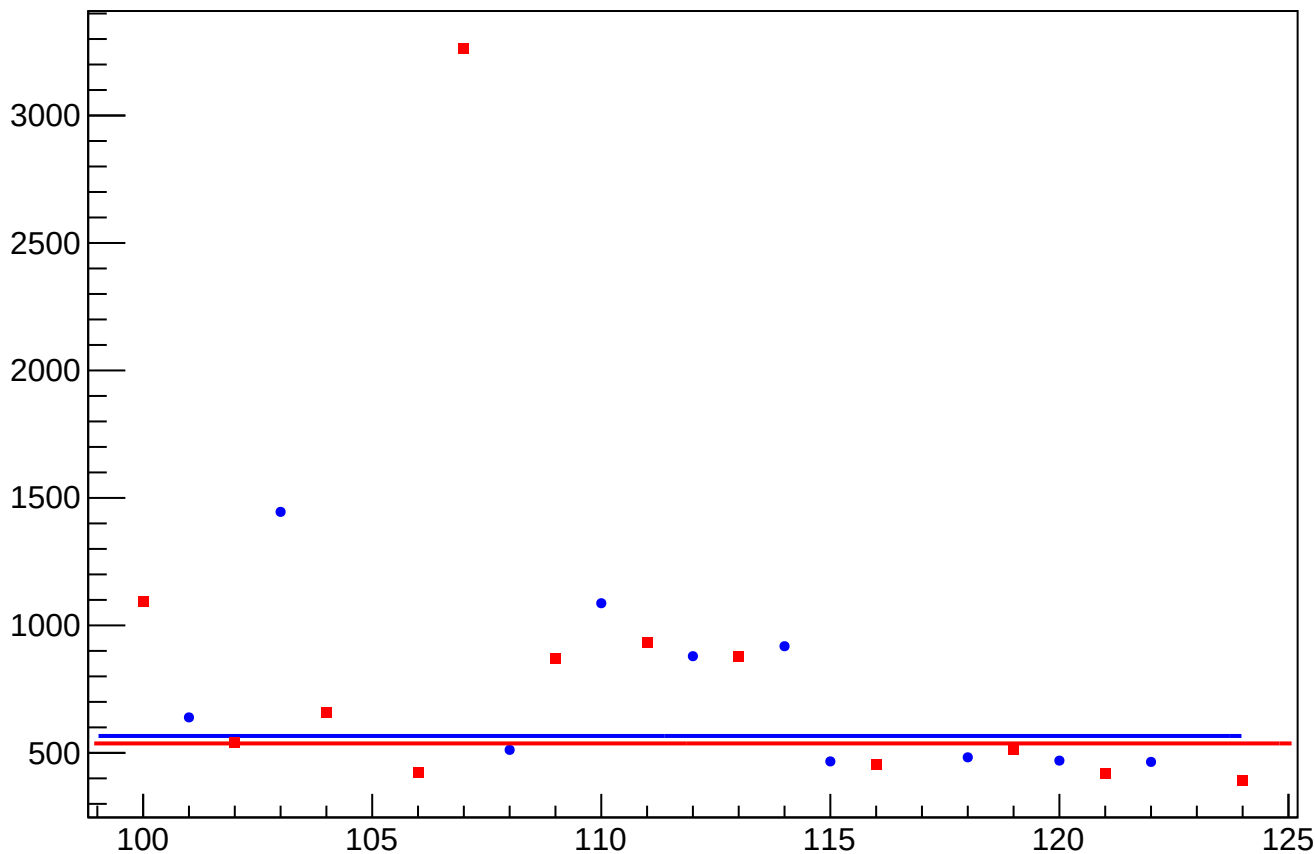
Right: 24.111+/-209.750 χ^2/NDF : 26.9/21

In: 114.625+/-304.607 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.111+/-209.750 χ^2/NDF : 26.9/21

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 566.356+/-0.215 χ^2/NDF : 742749.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.047+/-0.205 χ^2/NDF : 992404.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

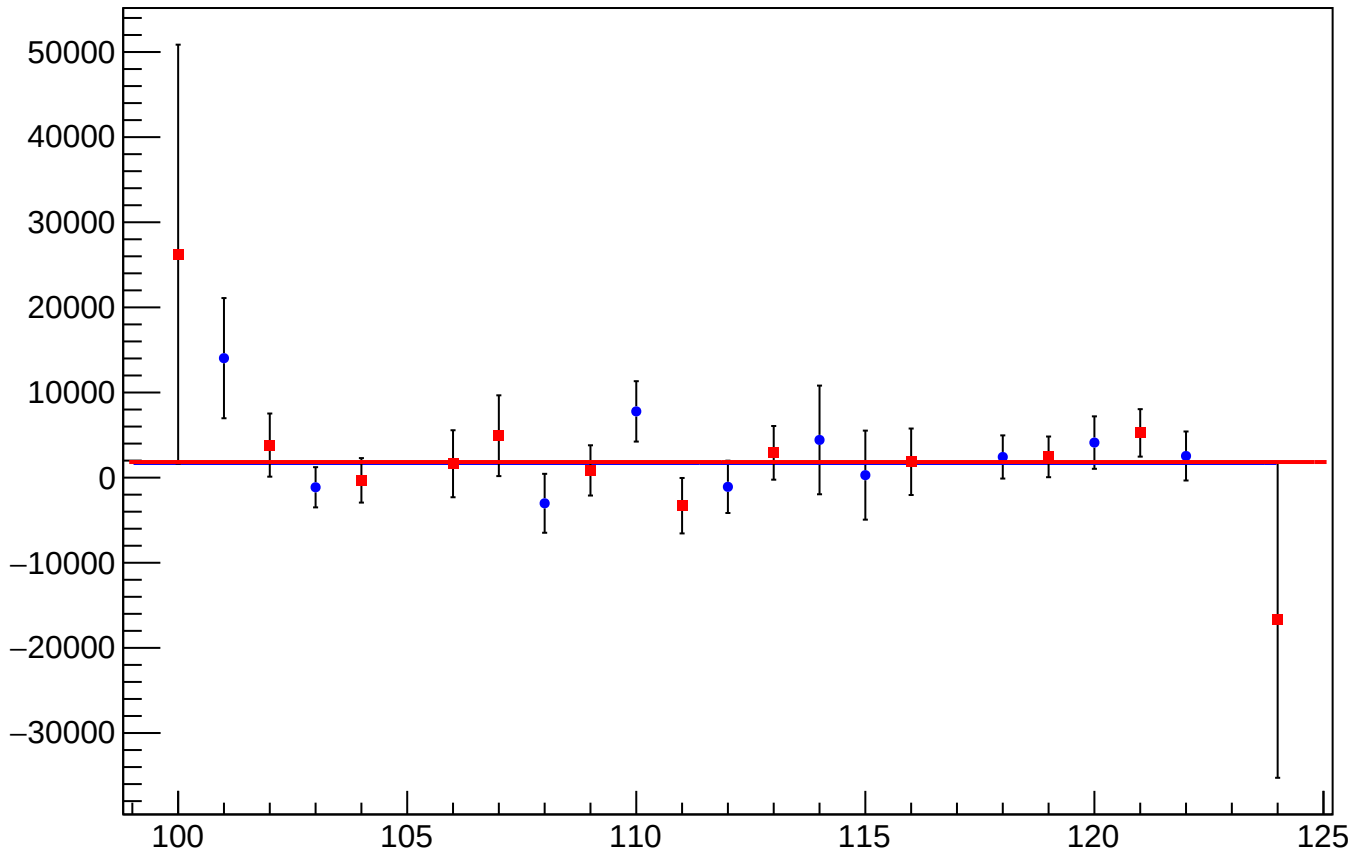
Right: 550.944+/-0.148 χ^2/NDF : 1744889.7/21

In: 566.356+/-0.215 χ^2/NDF : 742749.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.944+/-0.148 χ^2/NDF : 1744889.7/21

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1722.703+/-1047.972 χ^2 /NDF: 11.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1834.018+/-994.271 χ^2 /NDF: 7.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

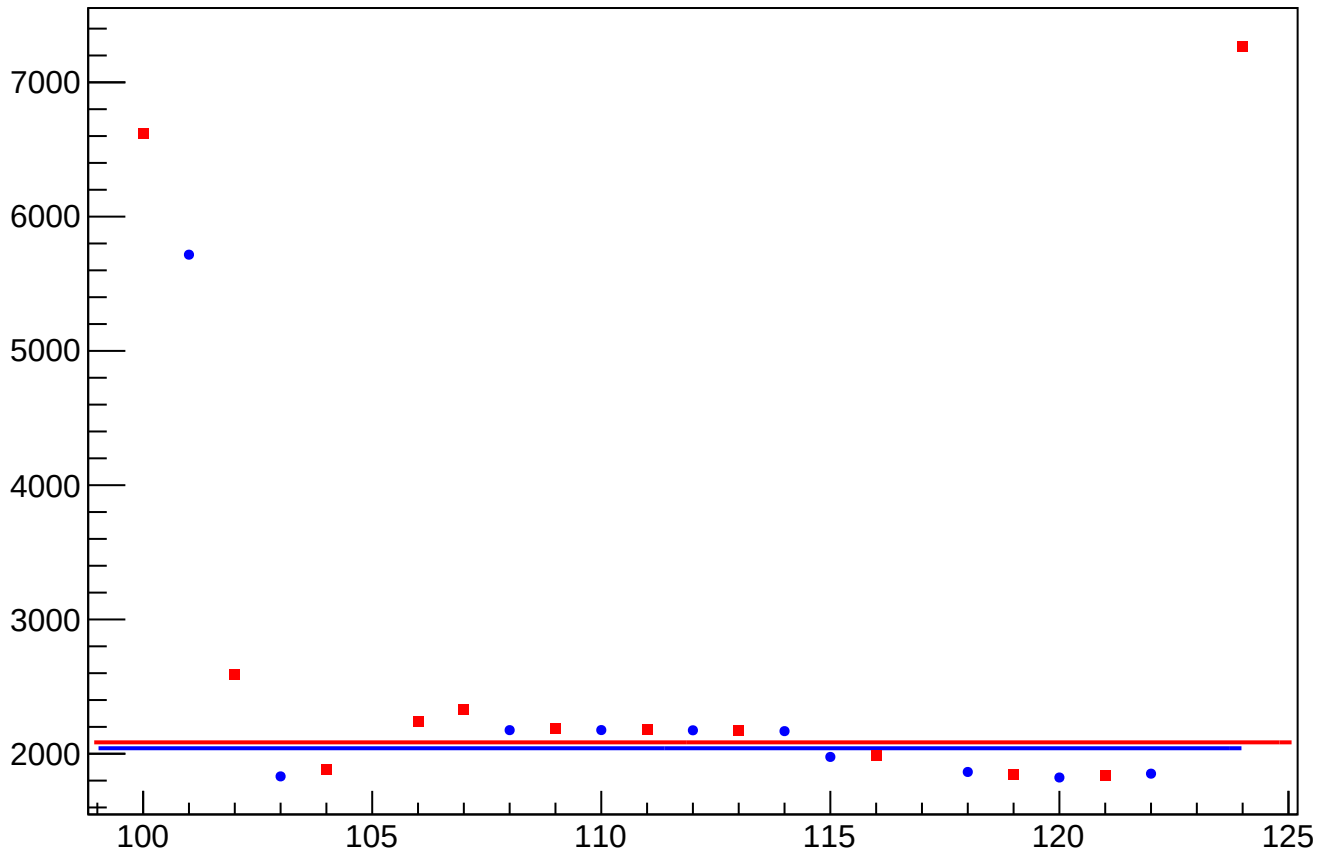
Right: 1781.285+/-721.293 χ^2 /NDF: 18.8/21

In: 1722.703+/-1047.972 χ^2 /NDF:11.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1781.285+/-721.293 χ^2 /NDF: 18.8/21

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2040.876+/-0.741 χ^2/NDF : 597074.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2084.863+/-0.703 χ^2/NDF : 324783.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

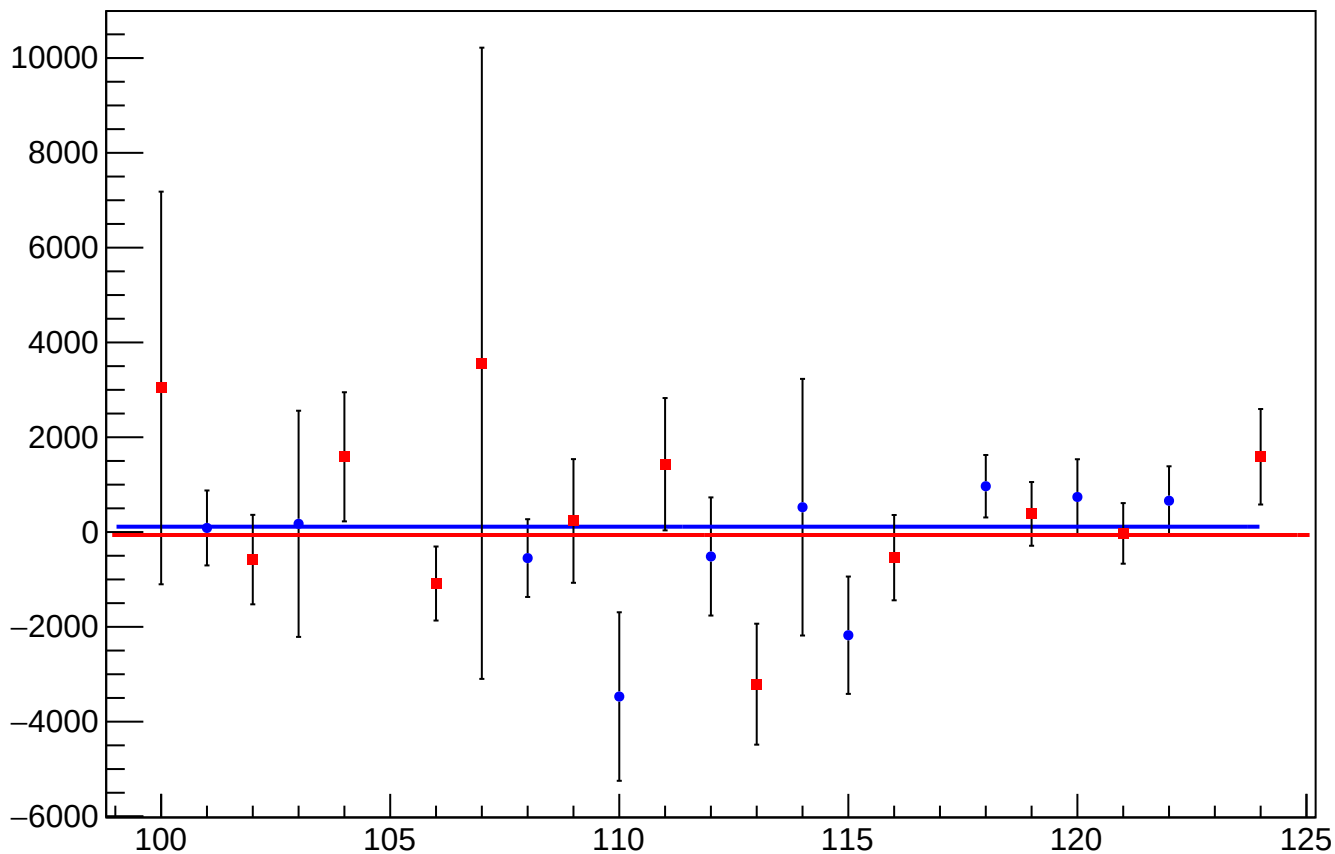
Right: 2064.026+/-0.510 χ^2/NDF : 923711.7/21

In: 2040.876+/-0.741 χ^2/NDF : 597074.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.026+/-0.510 χ^2/NDF : 923711.7/21

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 113.015+/-304.494 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.132+/-288.948 χ^2/NDF : 15.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

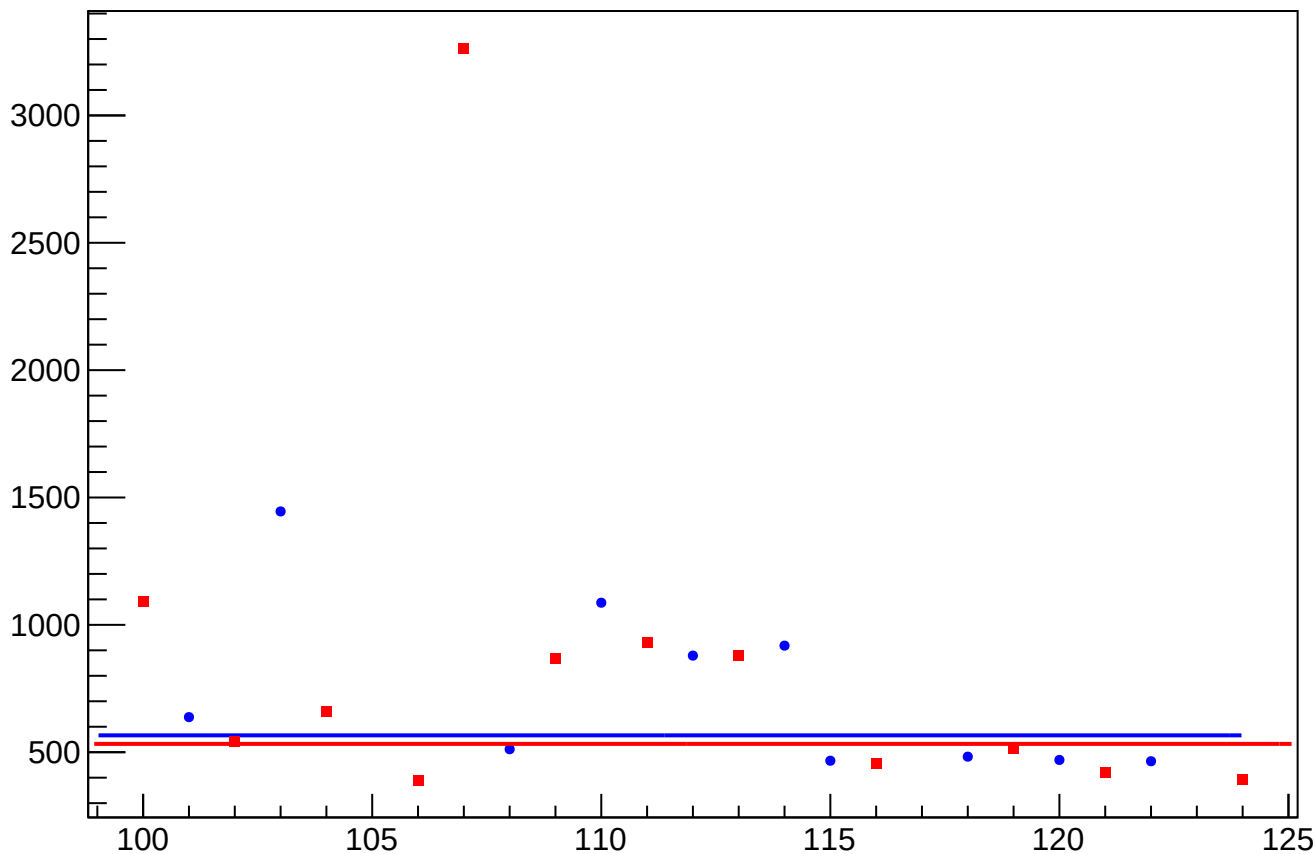
Right: 20.857+/-209.598 χ^2/NDF : 26.5/21

In: 113.015+/-304.494 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.857+/-209.598 χ^2/NDF : 26.5/21

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 566.203+/-0.215 χ^2/NDF : 742168.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.669+/-0.204 χ^2/NDF : 1021861.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

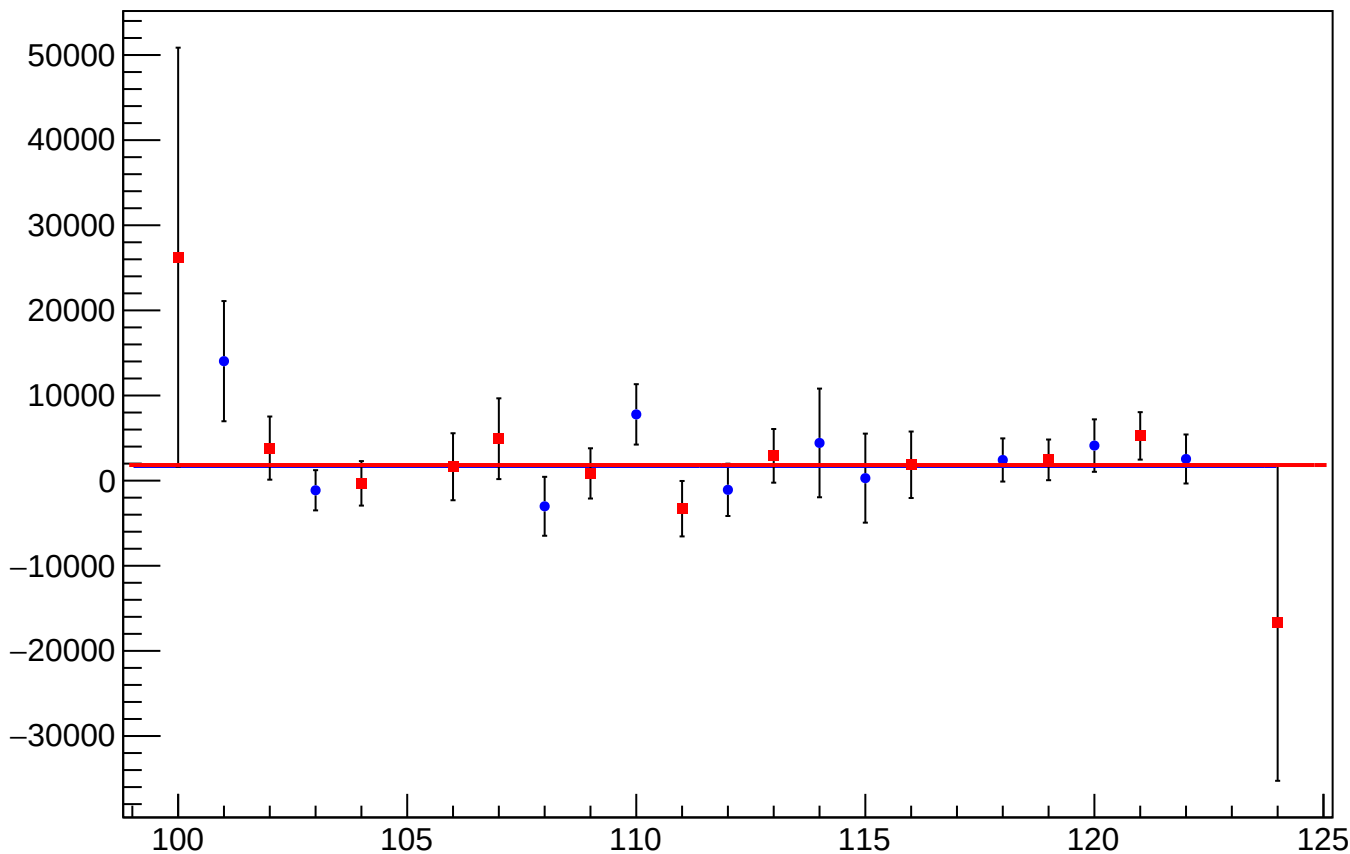
Right: 548.558+/-0.148 χ^2/NDF : 1776793.7/21

In: 566.203+/-0.215 χ^2/NDF : 742168.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.558+/-0.148 χ^2/NDF : 1776793.7/21

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1722.703+/-1047.972 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1834.018+/-994.271 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

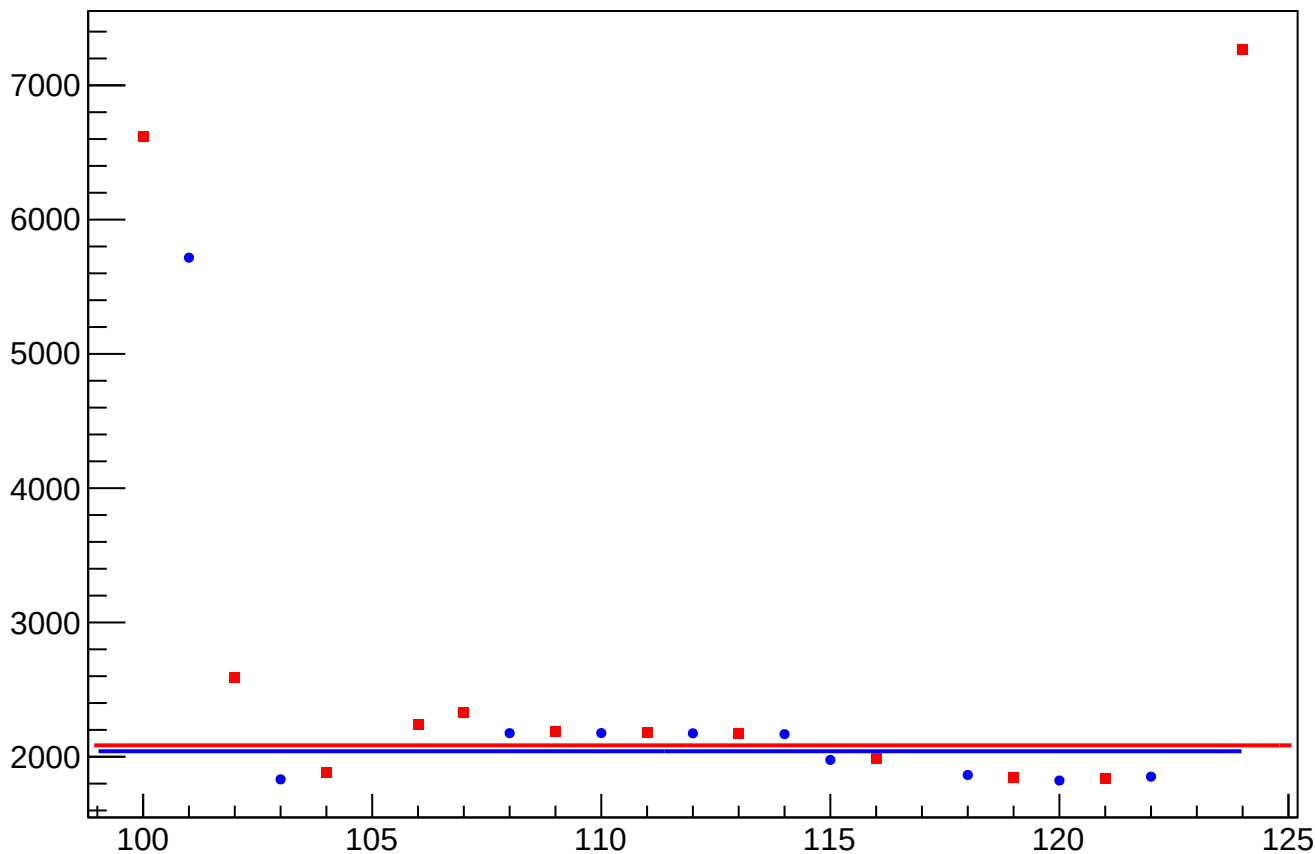
Right: 1781.285+/-721.293 χ^2/NDF : 18.8/21

In: 1722.703+/-1047.972 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1781.285+/-721.293 χ^2/NDF : 18.8/21

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2040.876+/-0.741 χ^2/NDF : 597074.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2084.863+/-0.703 χ^2/NDF : 324783.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

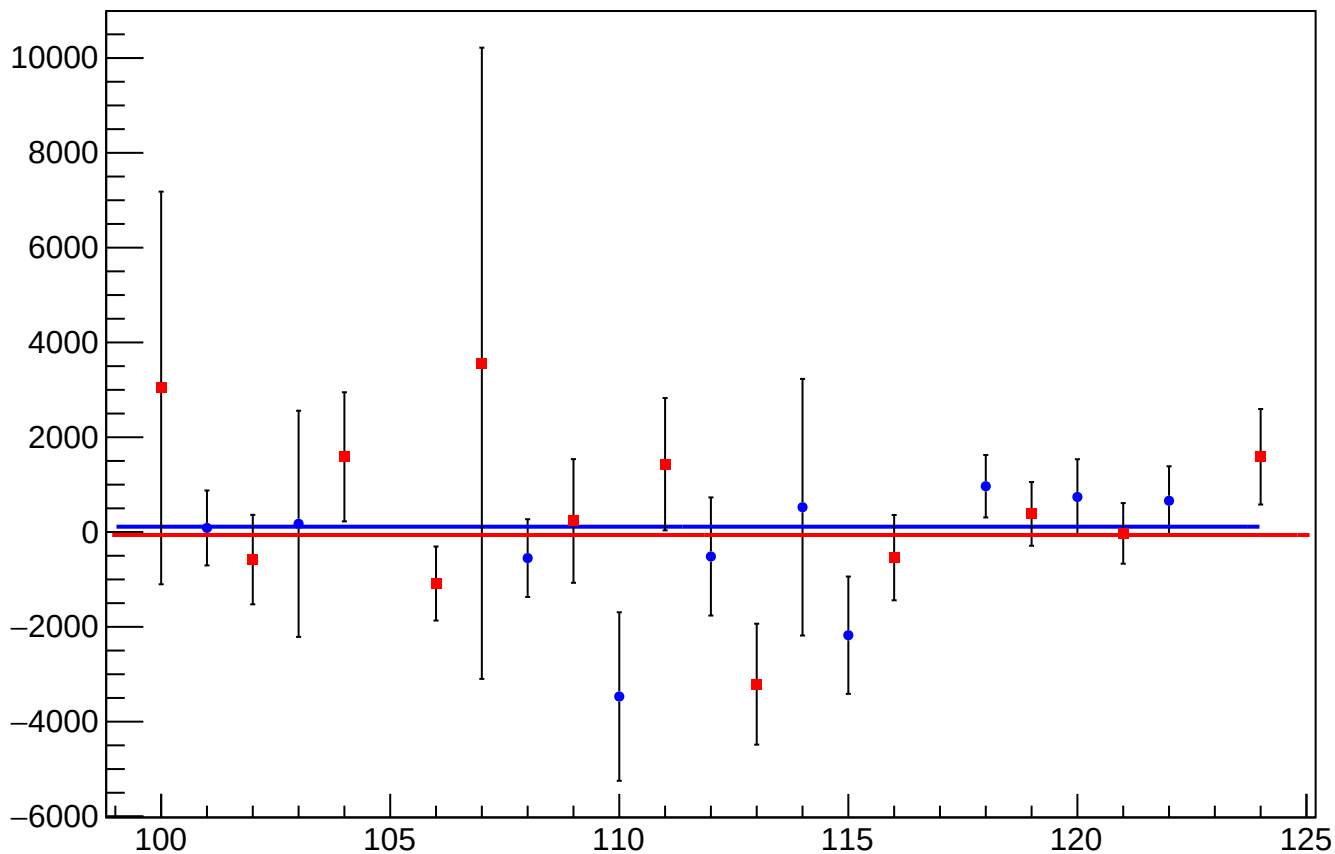
Right: 2064.026+/-0.510 χ^2/NDF : 923711.7/21

In: 2040.876+/-0.741 χ^2/NDF : 597074.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.026+/-0.510 χ^2/NDF : 923711.7/21

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 113.015+/-304.494 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.132+/-288.948 χ^2/NDF : 15.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

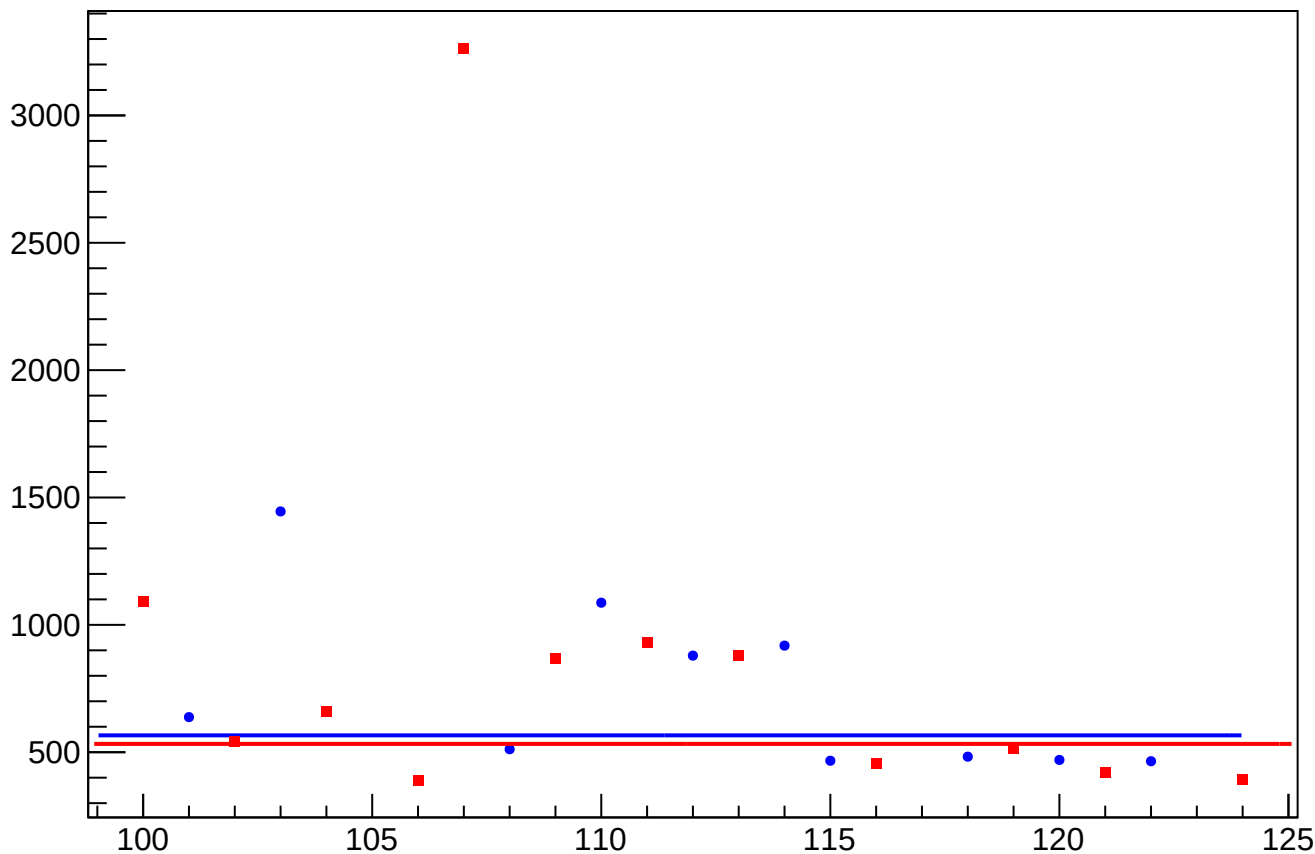
Right: 20.857+/-209.598 χ^2/NDF : 26.5/21

In: 113.015+/-304.494 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.857+/-209.598 χ^2/NDF : 26.5/21

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 566.203+/-0.215 χ^2/NDF : 742168.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.669+/-0.204 χ^2/NDF : 1021861.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

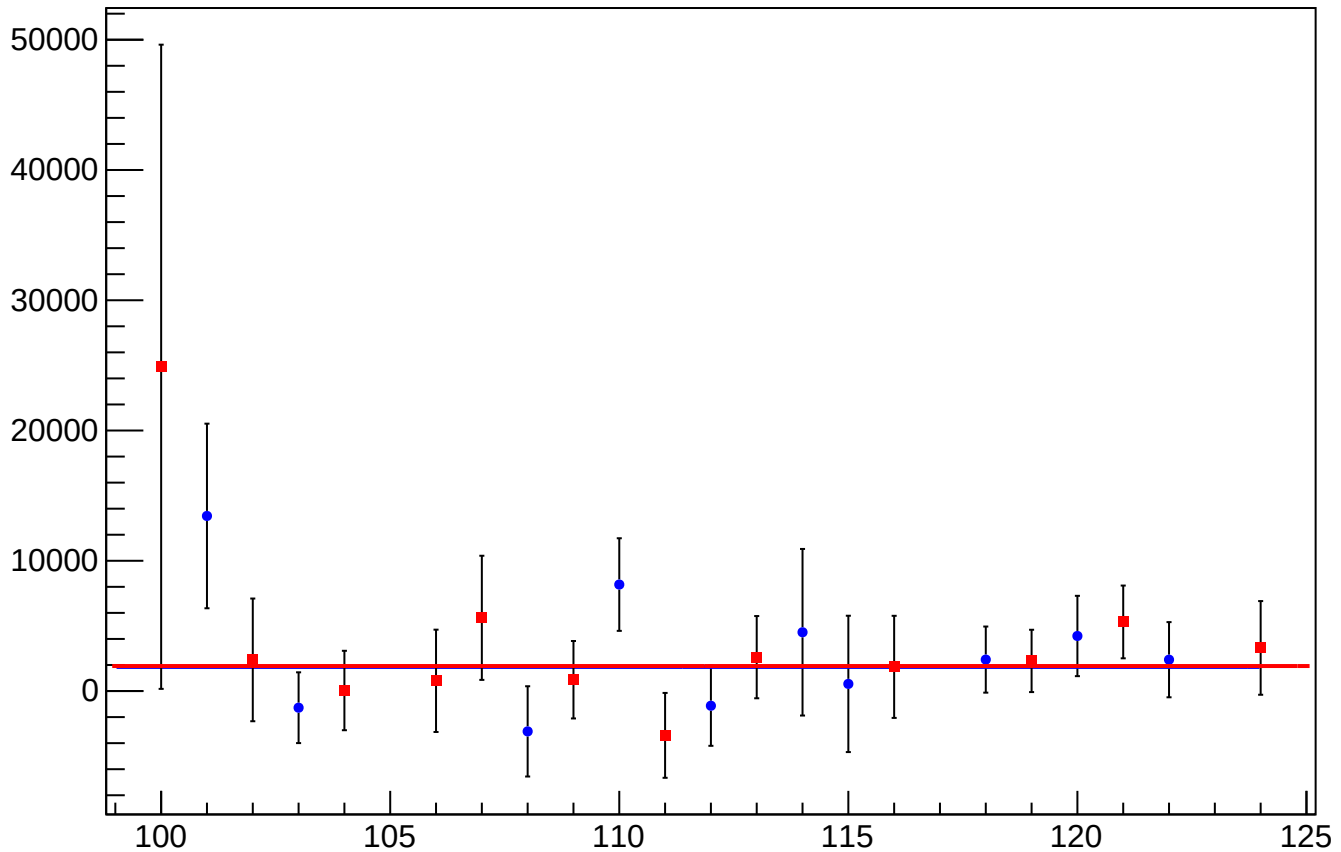
Right: 548.558+/-0.148 χ^2/NDF : 1776793.7/21

In: 566.203+/-0.215 χ^2/NDF : 742168.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.558+/-0.148 χ^2/NDF : 1776793.7/21

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1852.948+/-1075.172 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1919.897+/-991.907 χ^2/NDF : 6.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

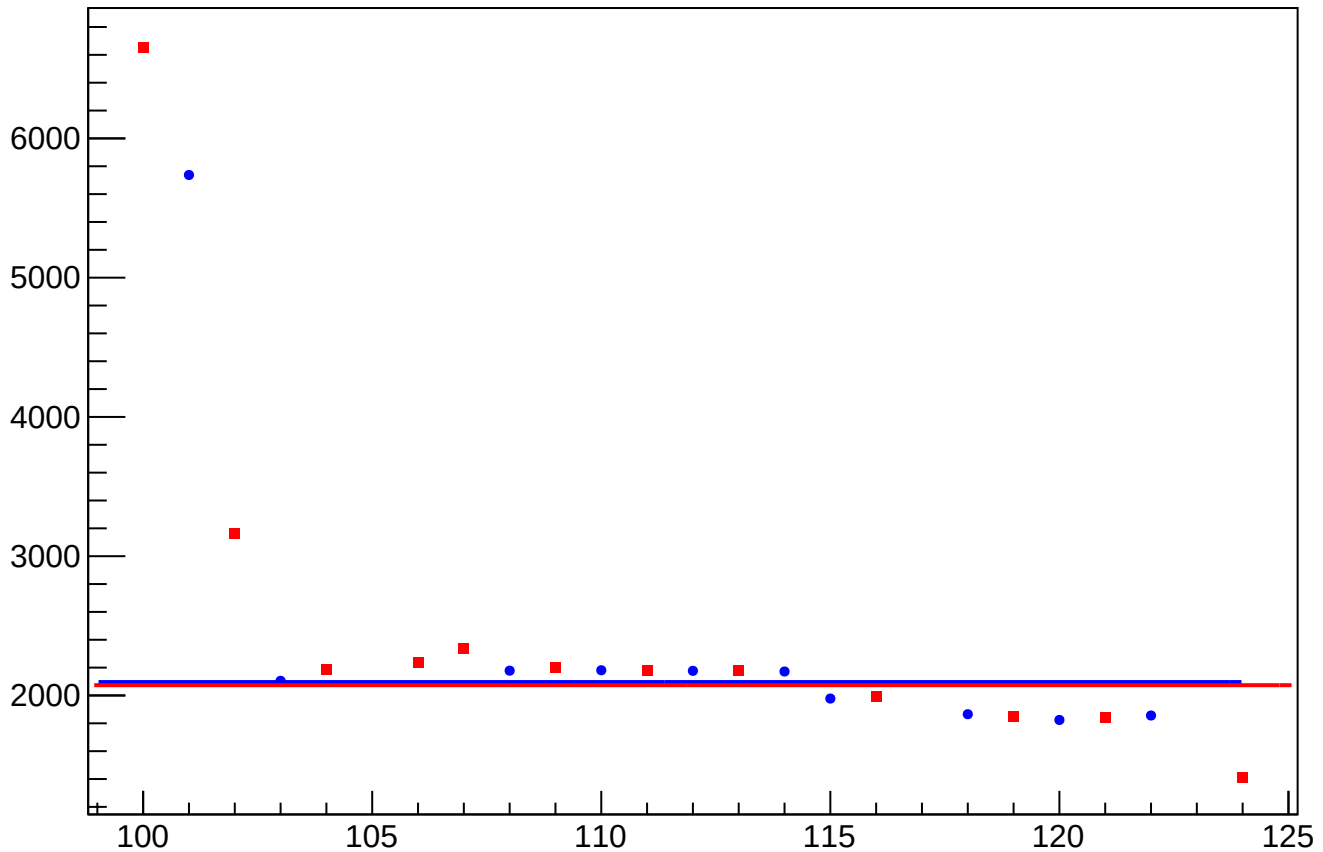
Right: 1889.115+/-729.046 χ^2/NDF : 17.5/21

In: 1852.948+/-1075.172 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1889.115+/-729.046 χ^2/NDF : 17.5/21

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2096.202+/-0.760 χ^2/NDF : 579023.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2073.739+/-0.701 χ^2/NDF : 296324.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

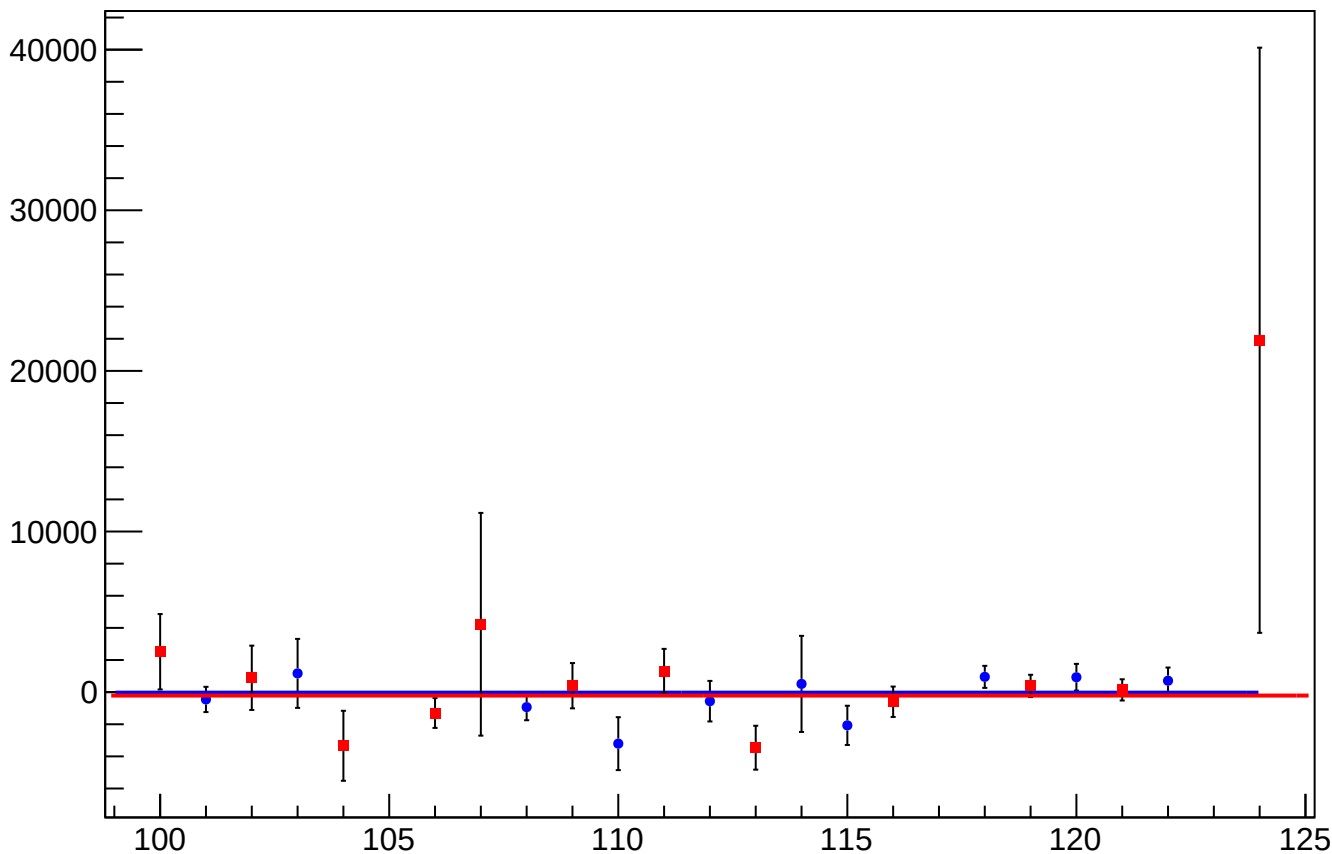
Right: 2084.067+/-0.516 χ^2/NDF : 875819.6/21

In: 2096.202+/-0.760 χ^2/NDF :579023.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2084.067+/-0.516 χ^2/NDF : 875819.6/21

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -32.862+/-313.541 χ^2/NDF : 12.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -213.391+/-335.576 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

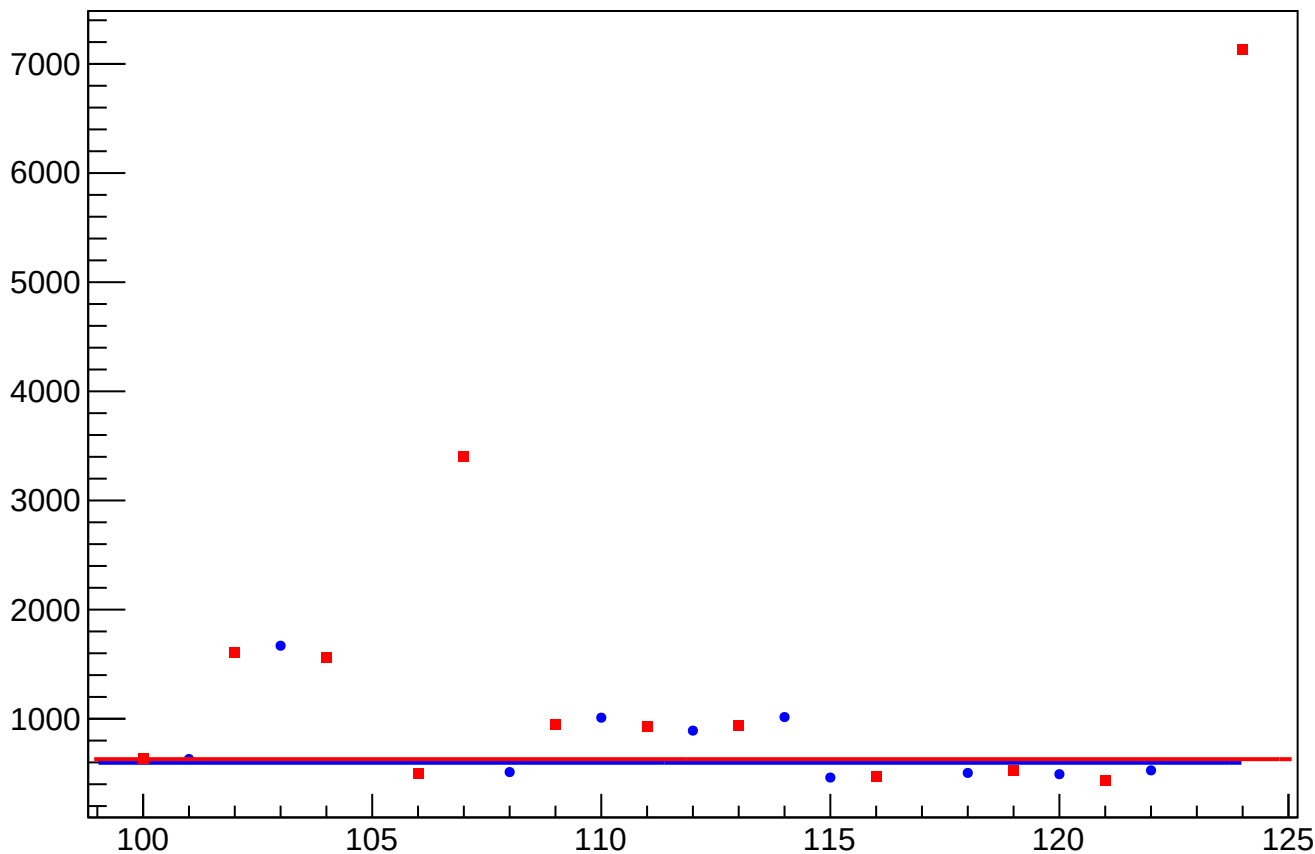
Right: -117.006+/-229.101 χ^2/NDF : 28.1/21

In: -32.862+/-313.541 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.006+/-229.101 χ^2/NDF : 28.1/21

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 596.752+/-0.222 χ^2/NDF : 905597.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 629.780+/-0.237 χ^2/NDF : 2034683.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

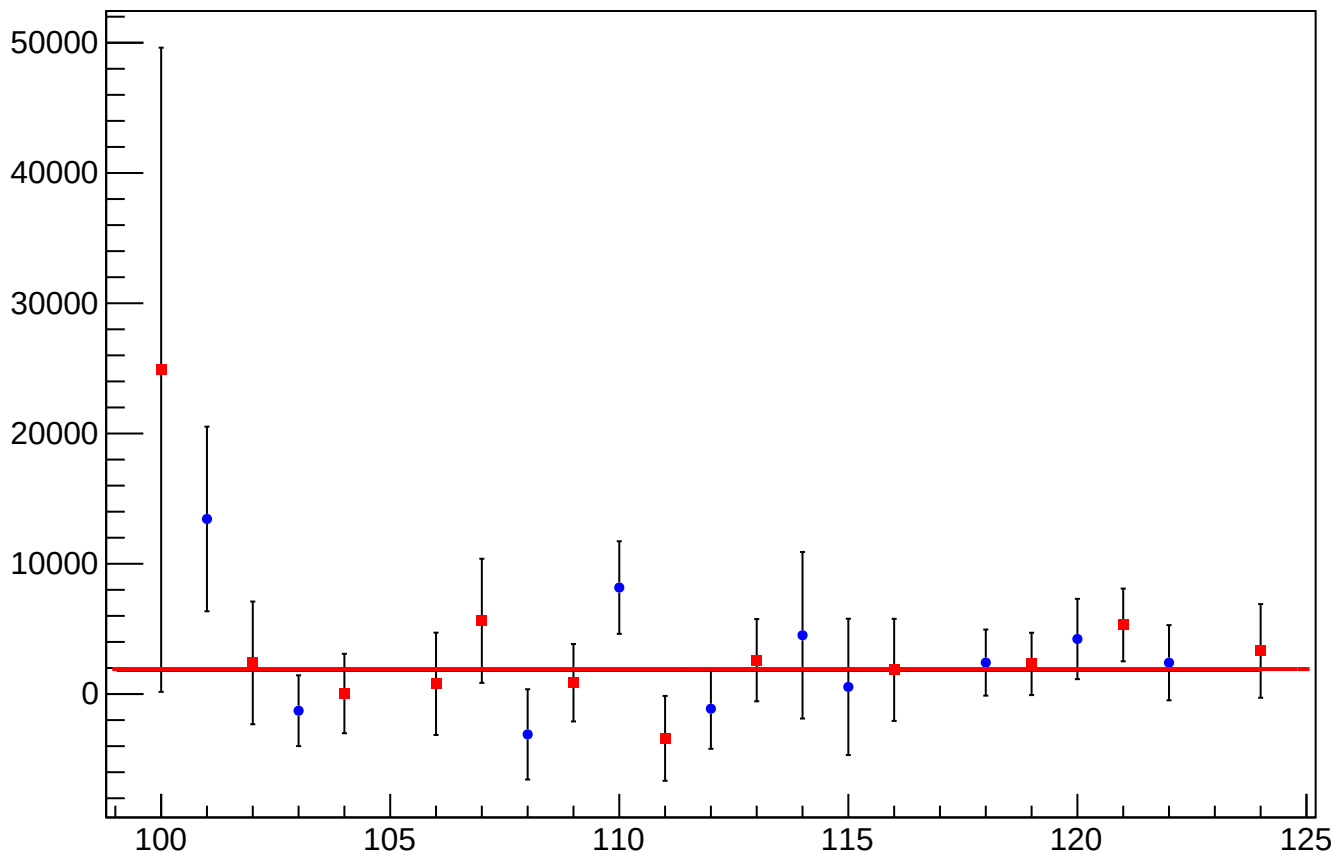
Right: 612.146+/-0.162 χ^2/NDF : 2950625.2/21

In: 596.752+/-0.222 χ^2/NDF : 905597.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 612.146+/-0.162 χ^2/NDF : 2950625.2/21

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1852.945+/-1075.172 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1919.895+/-991.907 χ^2/NDF : 6.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

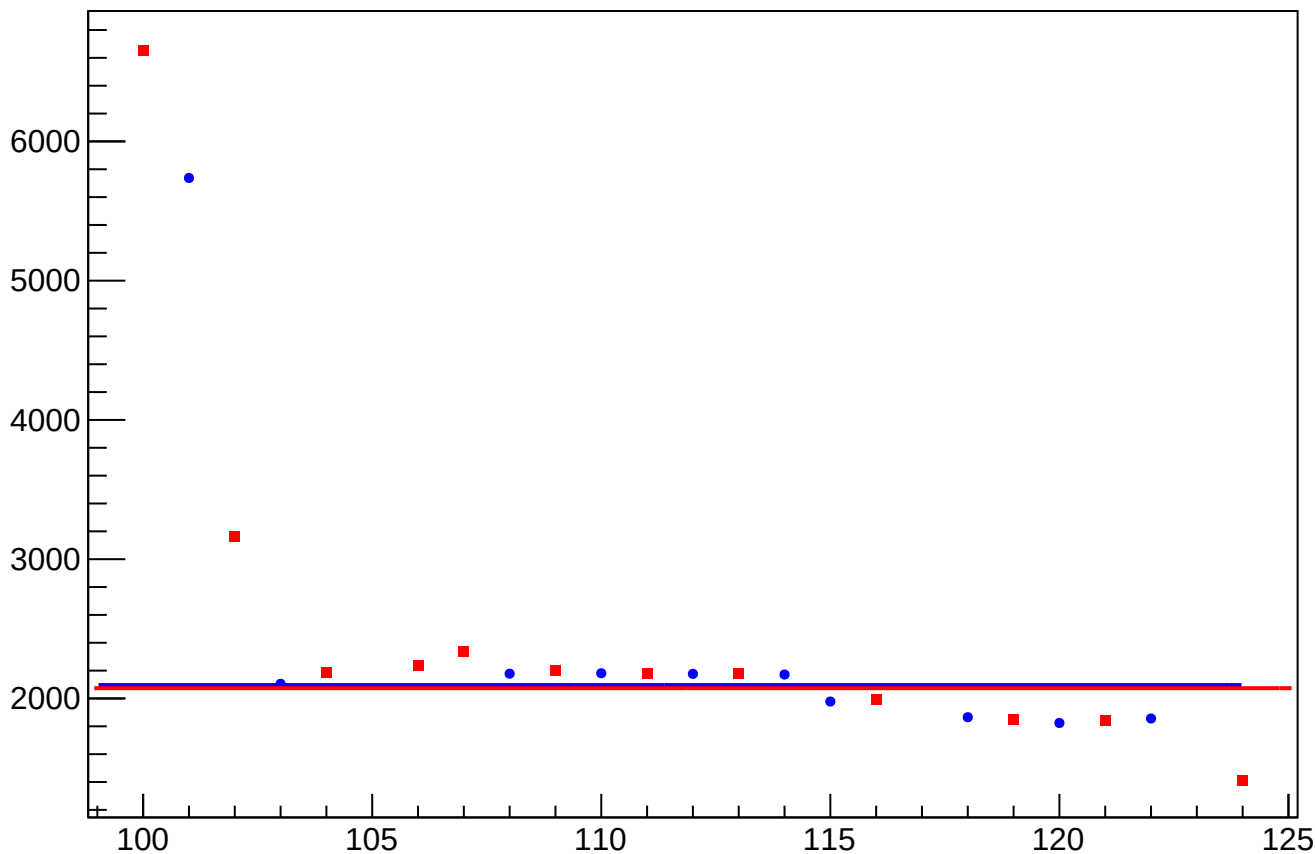
Right: 1889.113+/-729.046 χ^2/NDF : 17.5/21

In: 1852.945+/-1075.172 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1889.113+/-729.046 χ^2/NDF : 17.5/21

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2096.202+/-0.760 χ^2/NDF : 579023.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2073.738+/-0.701 χ^2/NDF : 296323.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

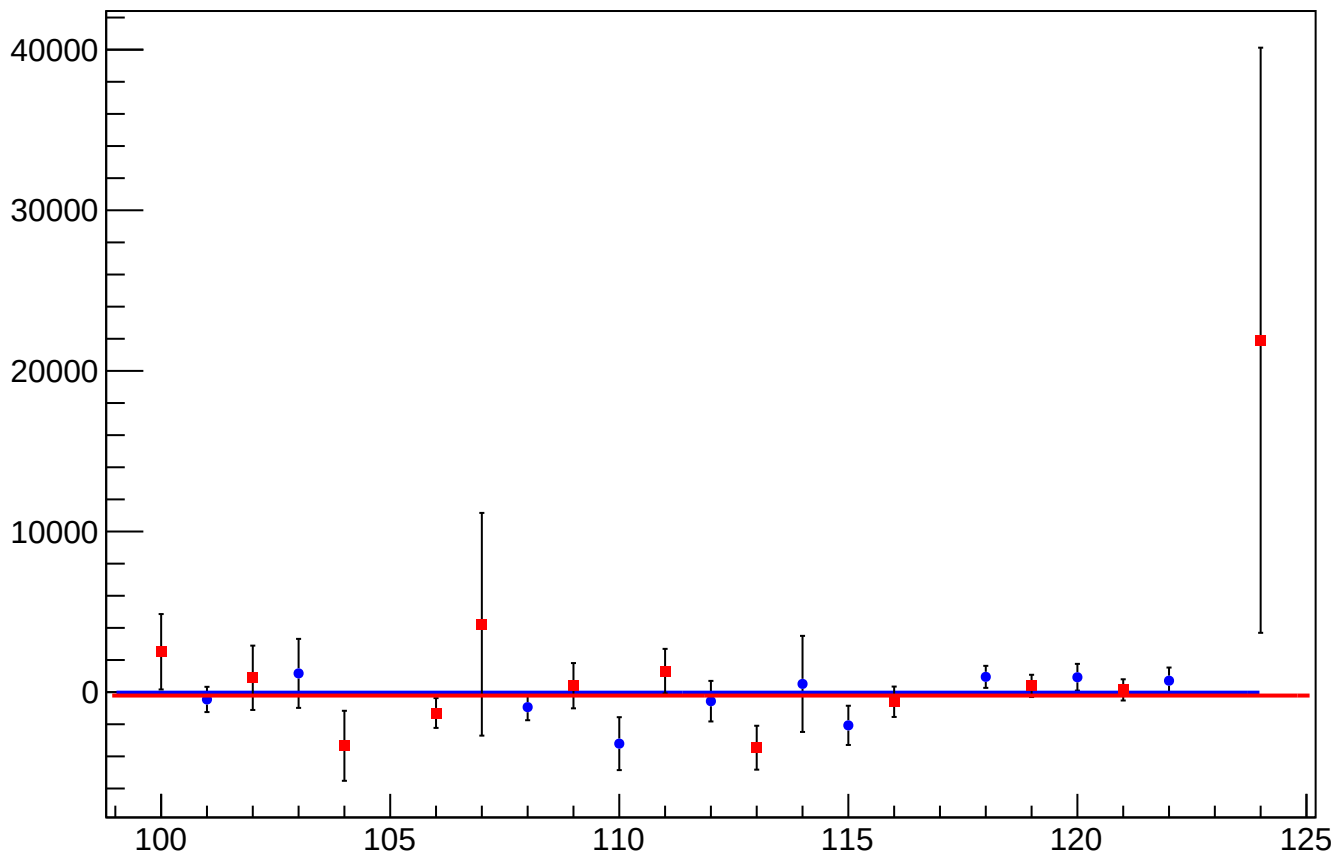
Right: 2084.067+/-0.516 χ^2/NDF : 875818.6/21

In: 2096.202+/-0.760 χ^2/NDF : 579023.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2084.067+/-0.516 χ^2/NDF : 875818.6/21

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -32.861 ± 313.540 $\chi^2/\text{NDF}: 12.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -213.390 ± 335.575 $\chi^2/\text{NDF}: 15.2/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

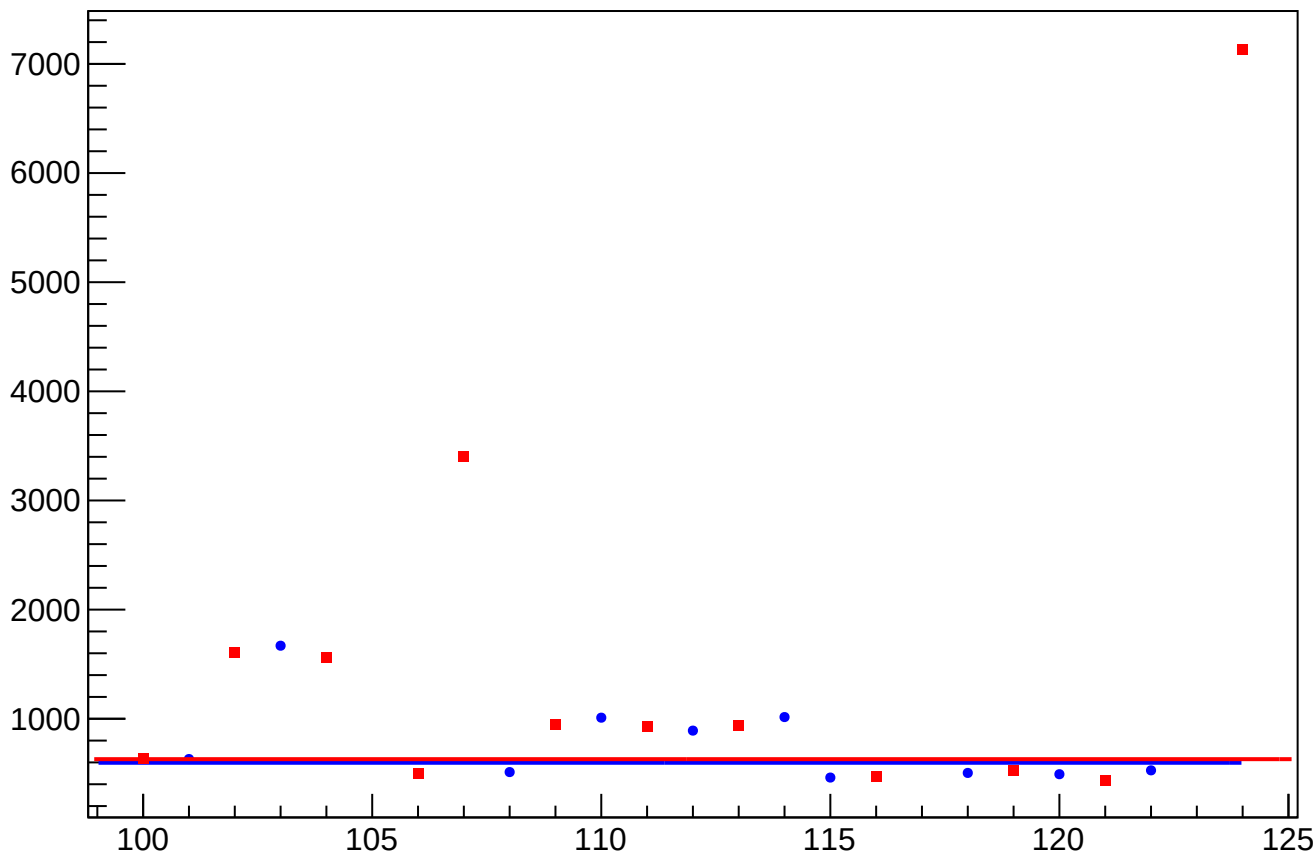
Right: -117.004 ± 229.100 $\chi^2/\text{NDF}: 28.1/21$

In: -32.861 ± 313.540 $\chi^2/\text{NDF}: 12.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -117.004 ± 229.100 $\chi^2/\text{NDF}: 28.1/21$

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 596.751+/-0.222 χ^2/NDF : 905602.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 629.779+/-0.237 χ^2/NDF : 2034690.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

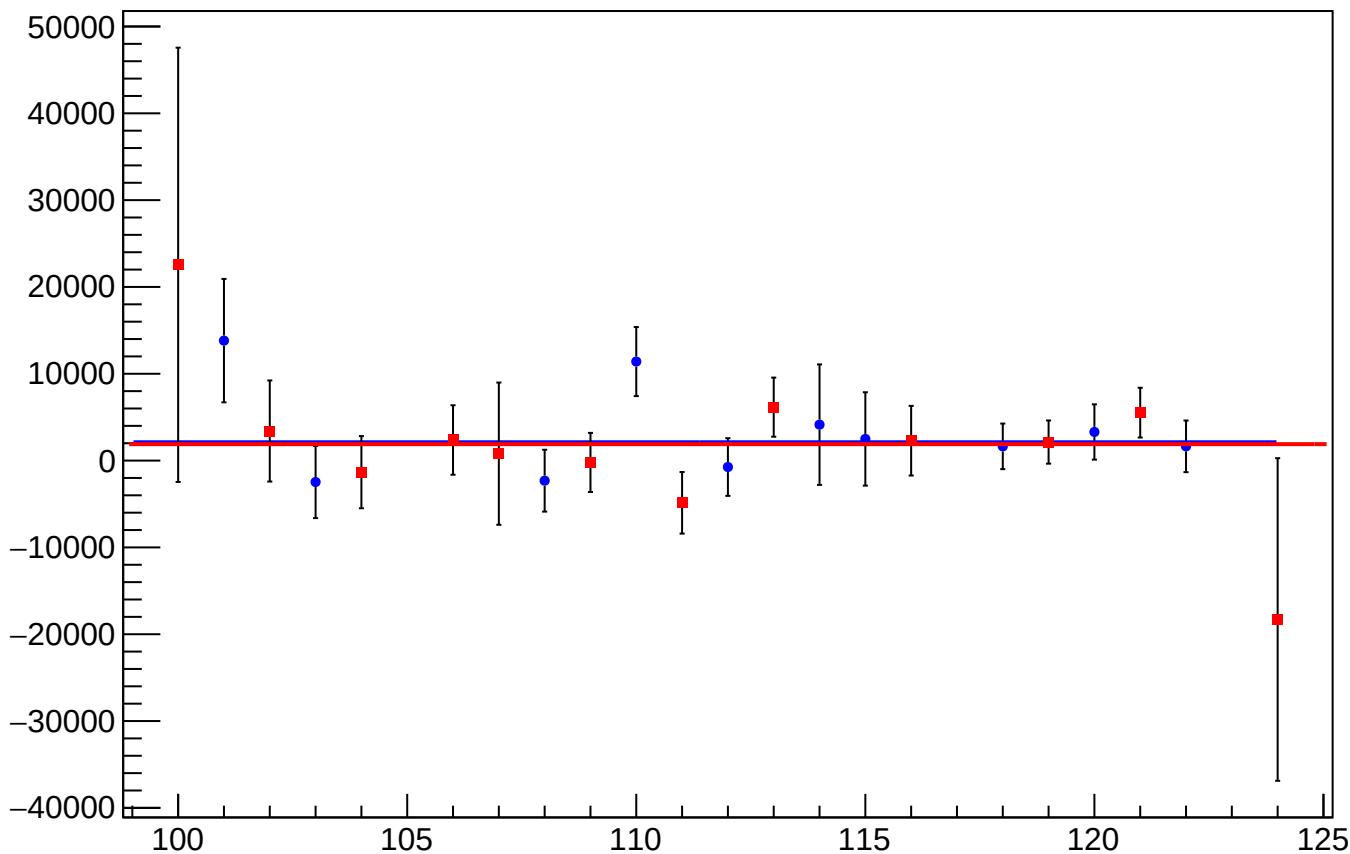
Right: 612.145+/-0.162 χ^2/NDF : 2950637.3/21

In: 596.751+/-0.222 χ^2/NDF : 905602.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 612.145+/-0.162 χ^2/NDF : 2950637.3/21

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2107.917+/-1176.402 χ^2 /NDF: 12.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1892.925+/-1141.967 χ^2 /NDF: 9.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

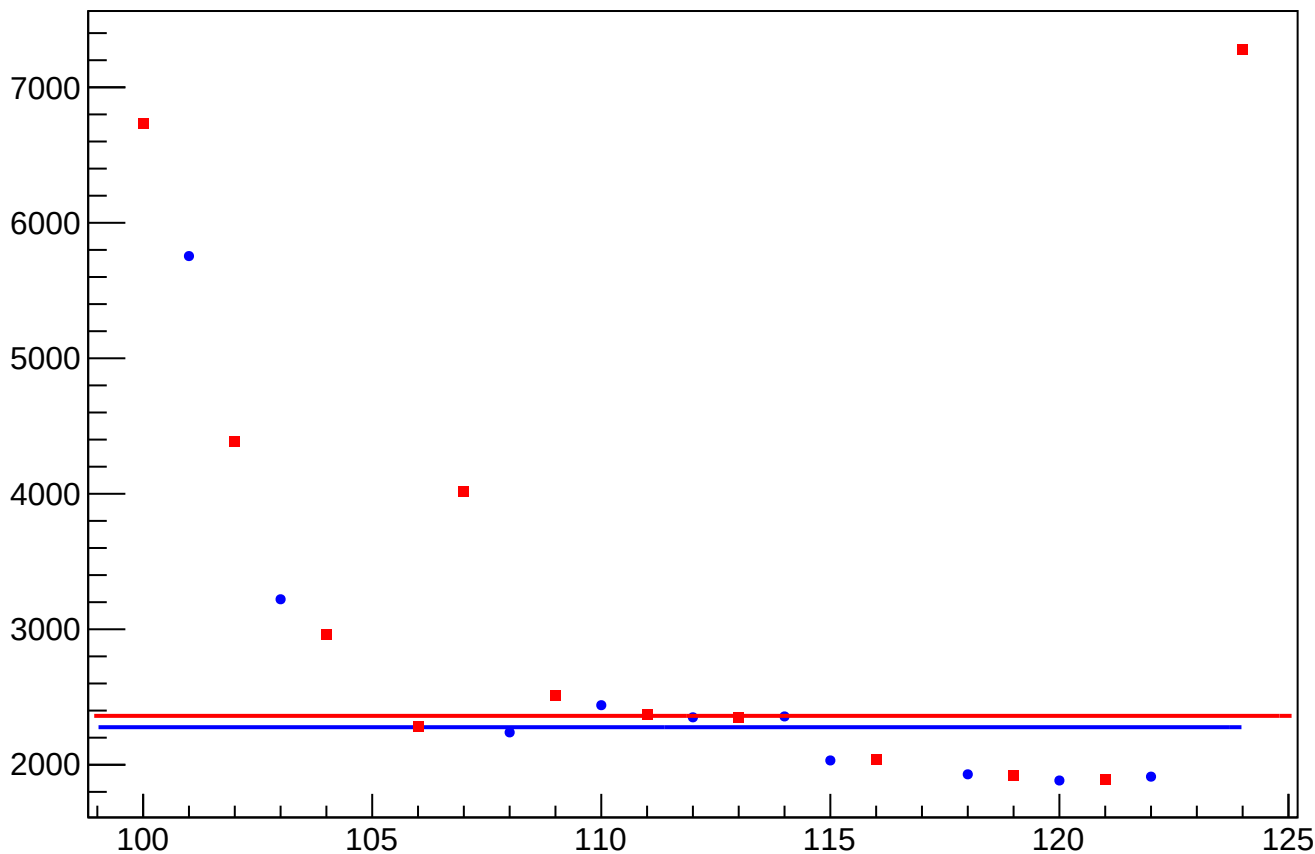
Right: 1997.228+/-819.396 χ^2 /NDF: 21.7/21

In: 2107.917+/-1176.402 χ^2 /NDF:12.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1997.228+/-819.396 χ^2 /NDF: 21.7/21

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2277.346+/-0.832 χ^2/NDF : 686750.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2361.005+/-0.807 χ^2/NDF : 700756.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

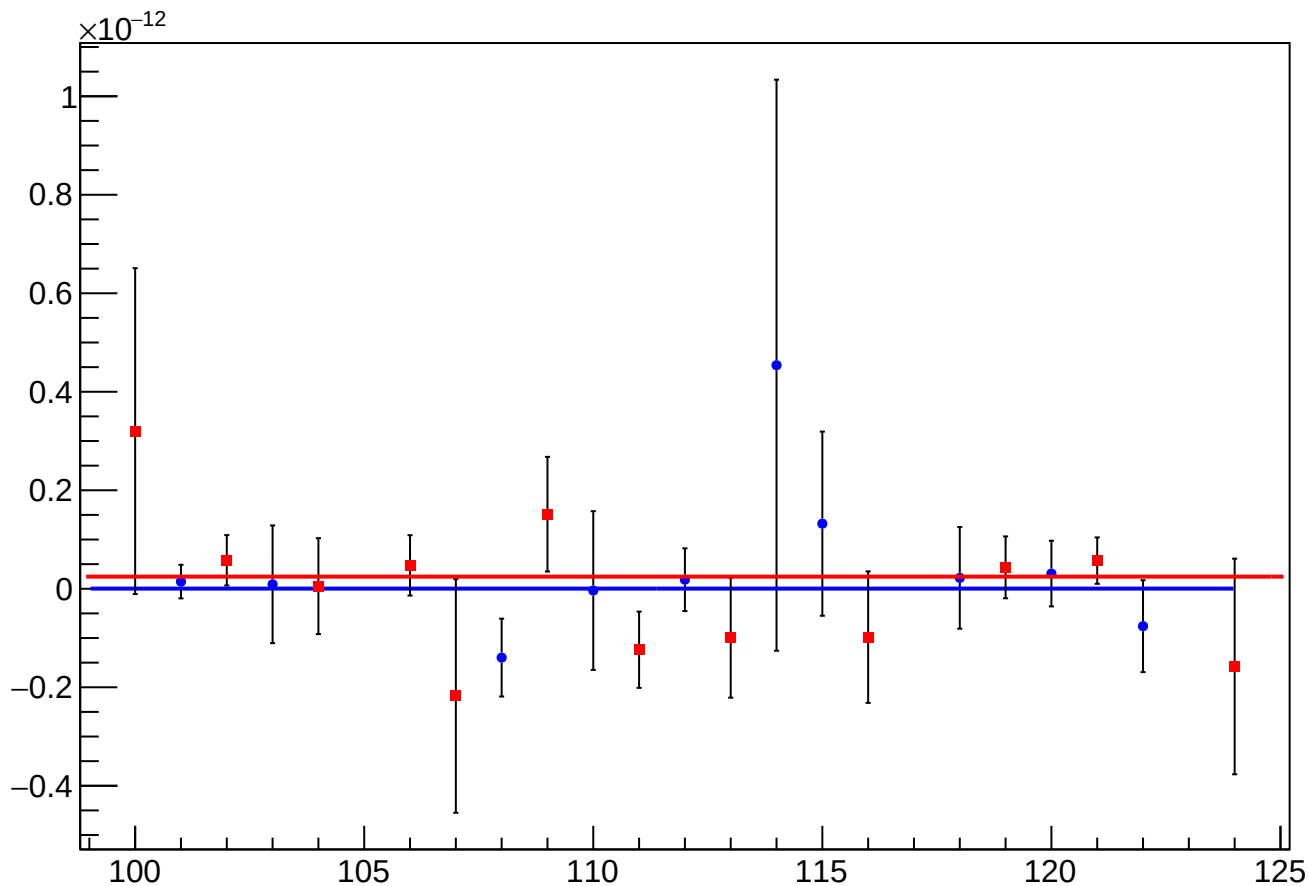
Right: 2320.418+/-0.579 χ^2/NDF : 1392714.2/21

In: 2277.346+/-0.832 χ^2/NDF :686750.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2320.418+/-0.579 χ^2/NDF : 1392714.2/21

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

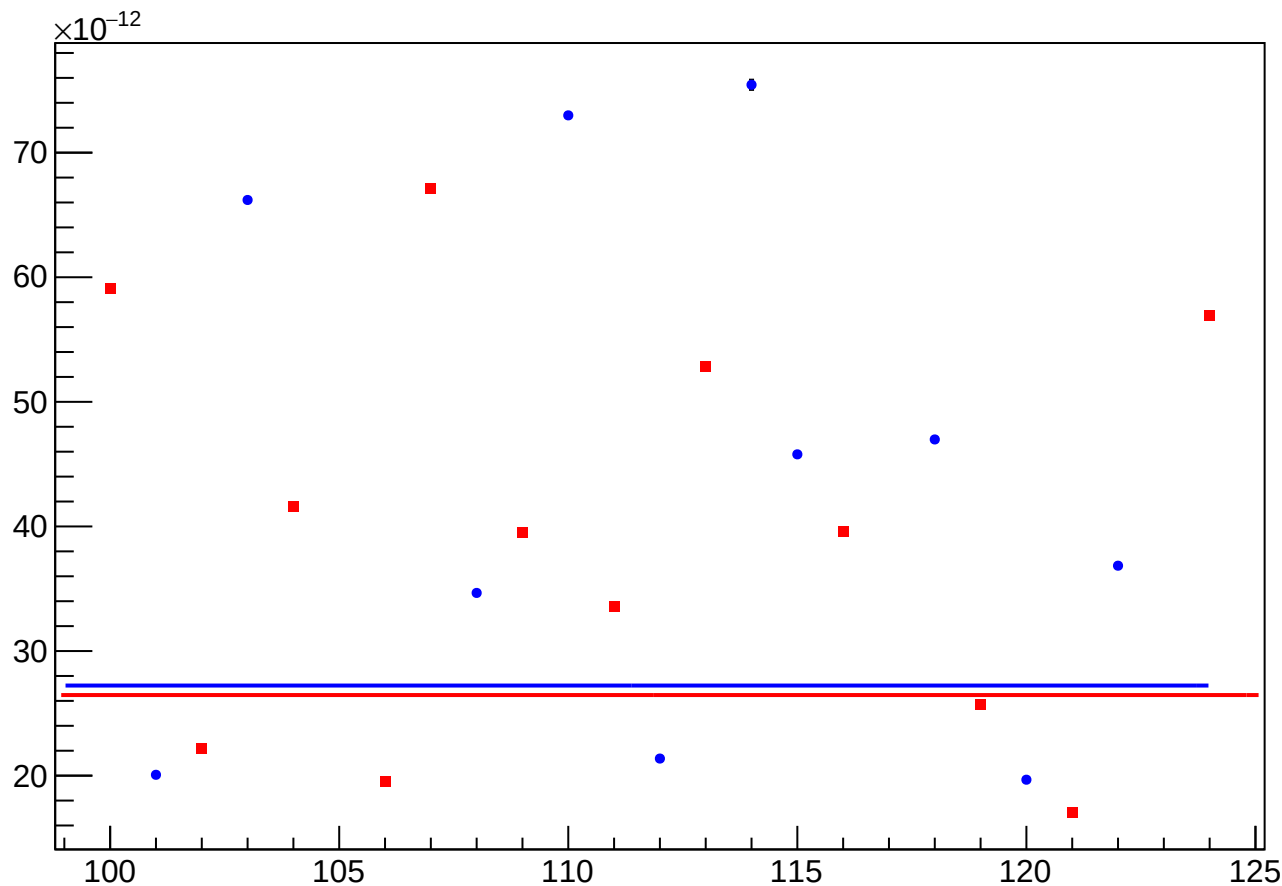
Right: 0.000+/-0.000 χ^2/NDF : 16.4/21

In: 0.000+/-0.000 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.4/21

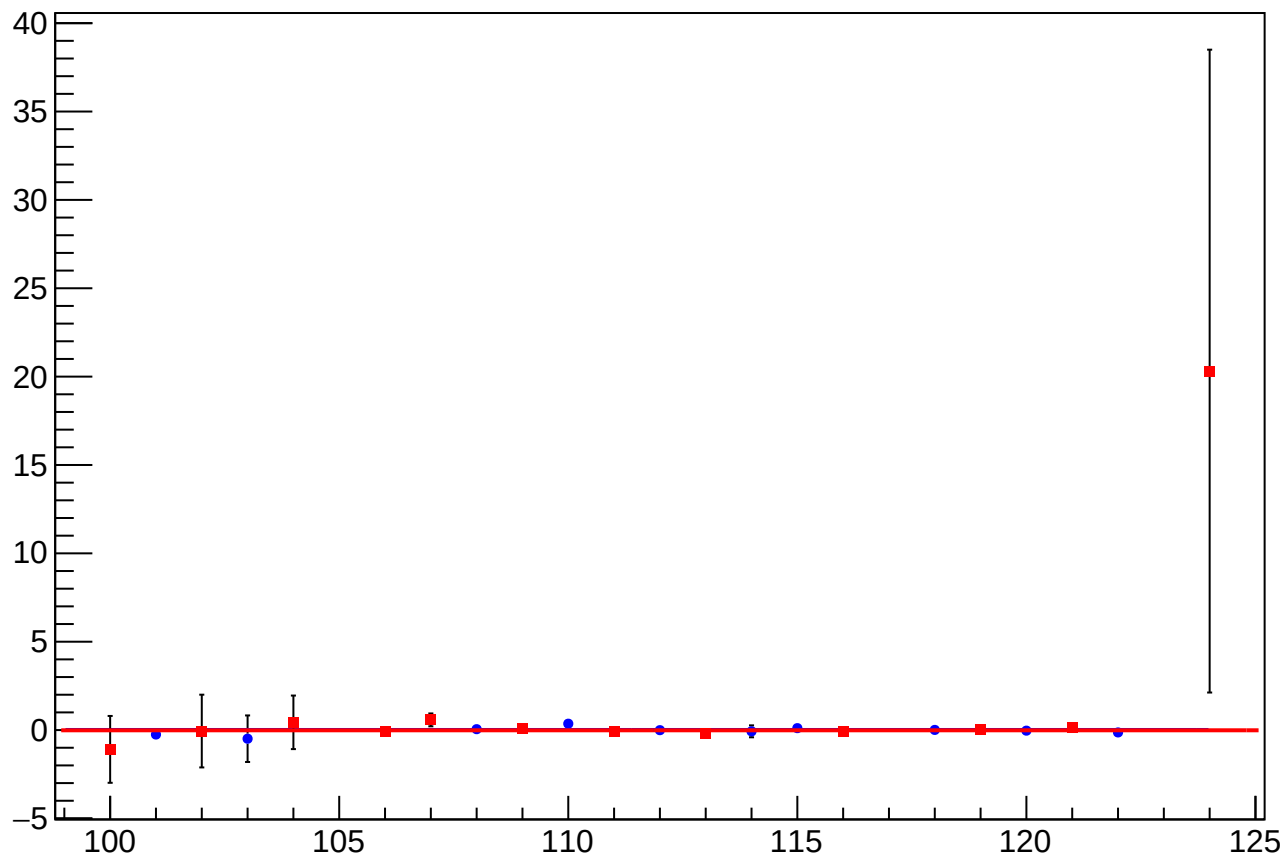
asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 650553.5/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 440747.7/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1092381.6/21
 In: 0.000+/-0.000 χ^2/NDF : 650553.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1092381.6/21

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.032 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

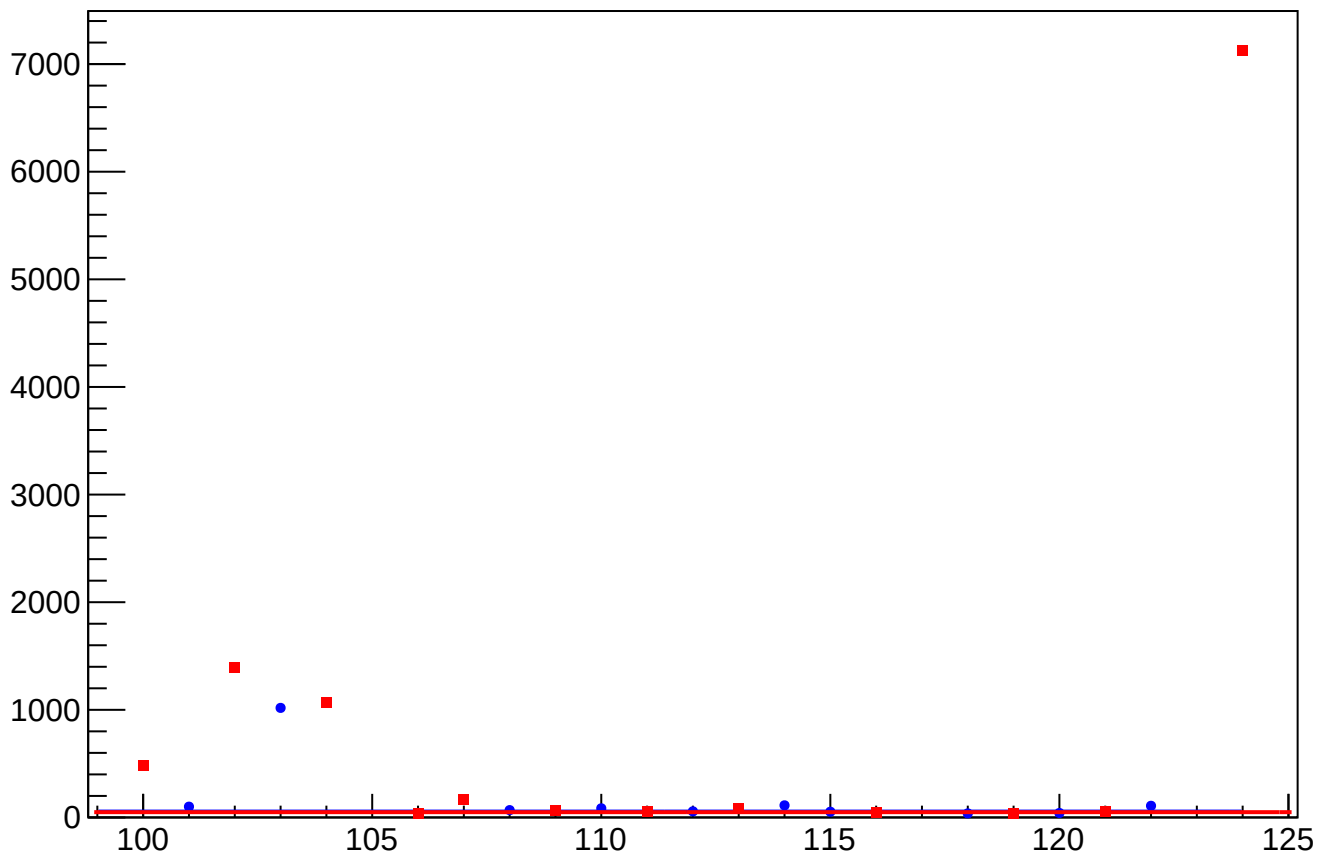
Right: -0.004+/-0.023 χ^2/NDF : 22.5/21

In: 0.005+/-0.034 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.023 χ^2/NDF : 22.5/21

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.596+/-0.024 χ^2/NDF : 1868115.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.123+/-0.023 χ^2/NDF : 2729107.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

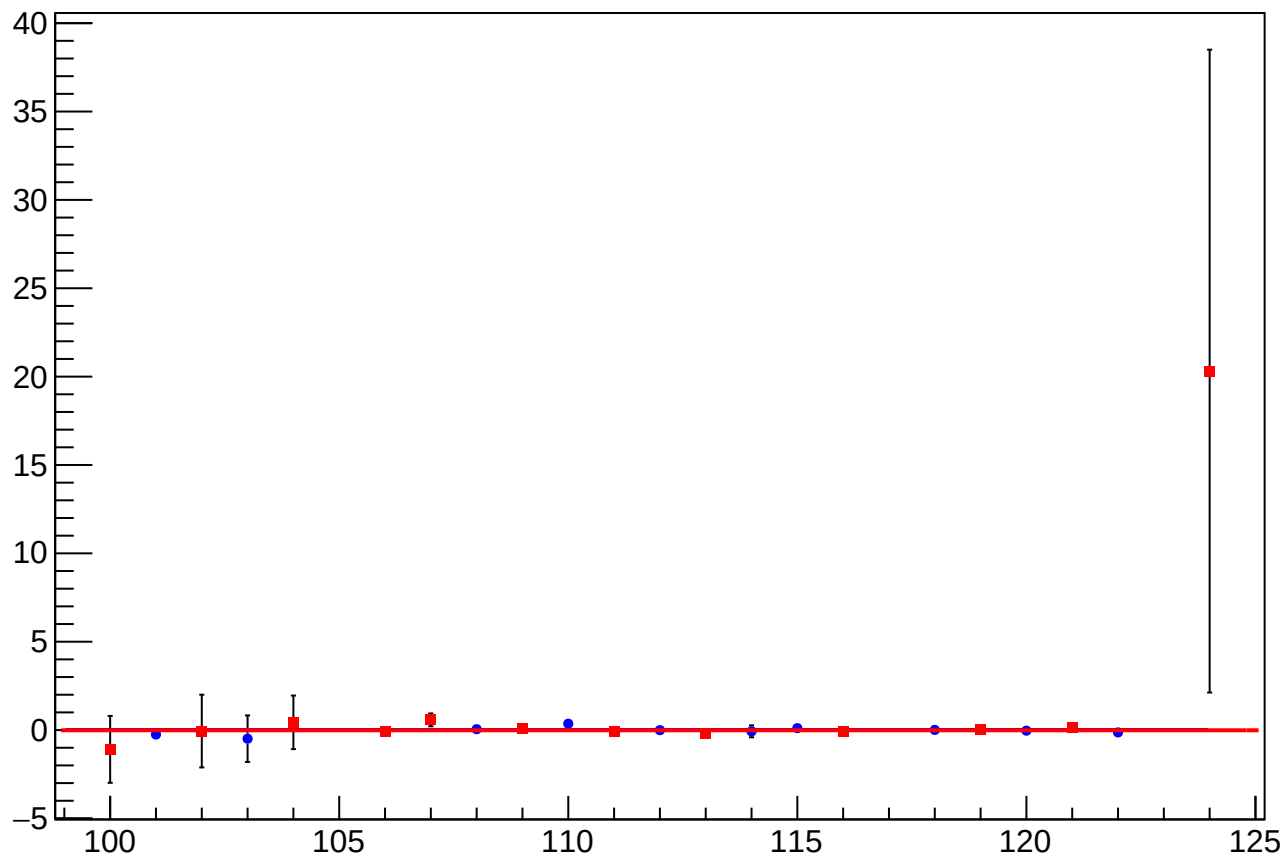
Right: 51.699+/-0.016 χ^2/NDF : 4624778.0/21

In: 54.596+/-0.024 χ^2/NDF : 1868115.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.699+/-0.016 χ^2/NDF : 4624778.0/21

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.032 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

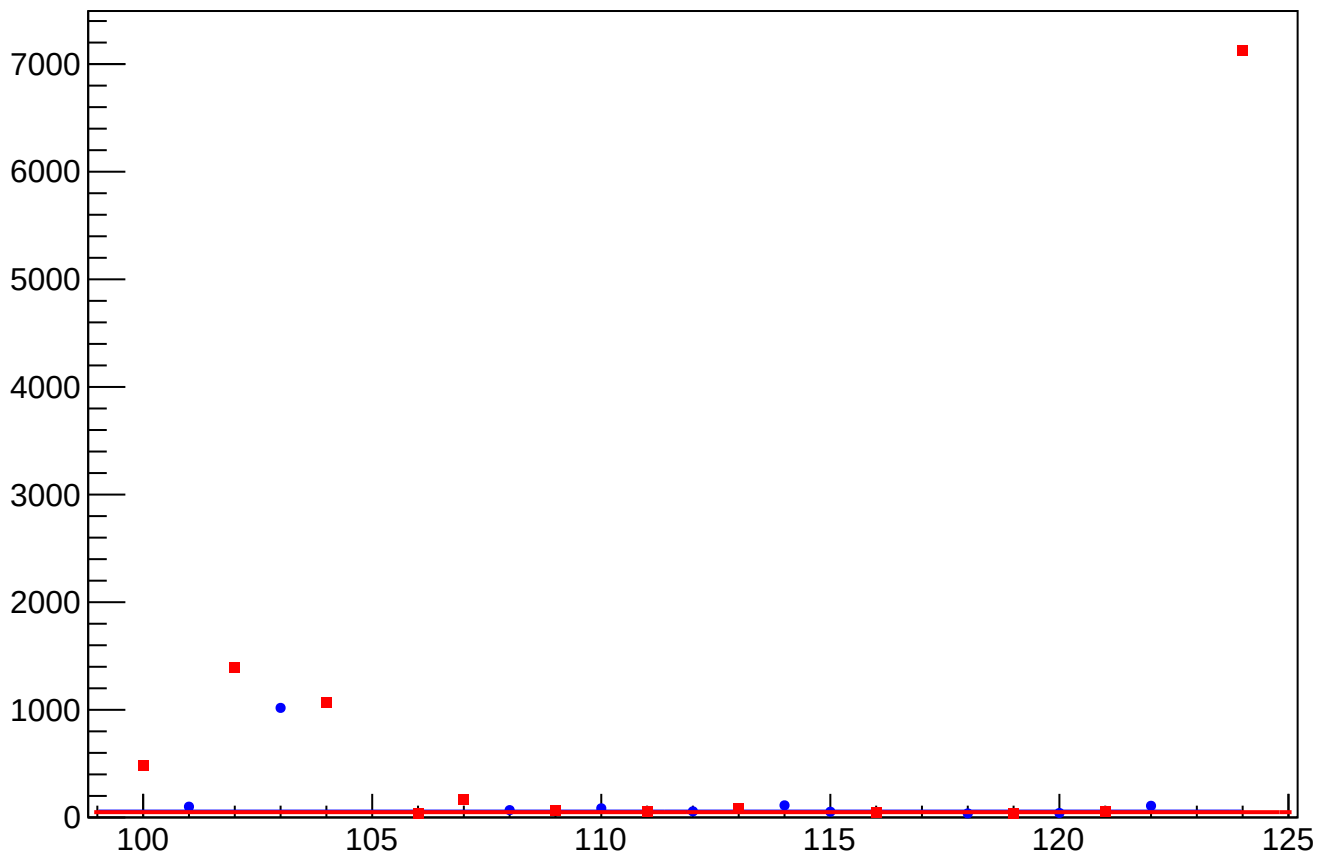
Right: -0.004+/-0.023 χ^2/NDF : 22.5/21

In: 0.005+/-0.034 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.023 χ^2/NDF : 22.5/21

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.596+/-0.024 χ^2/NDF : 1868115.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.123+/-0.023 χ^2/NDF : 2729107.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

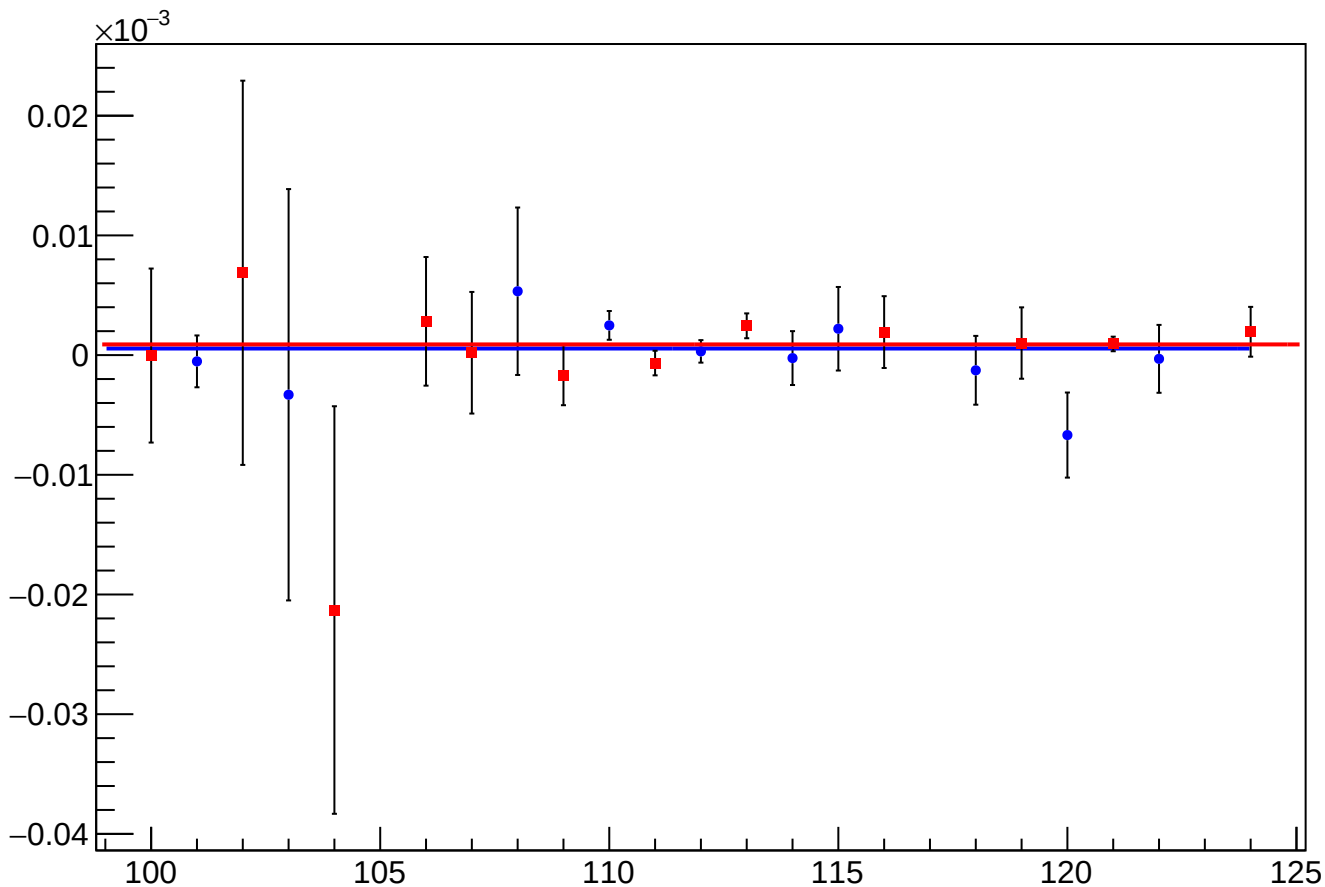
Right: 51.699+/-0.016 χ^2/NDF : 4624778.0/21

In: 54.596+/-0.024 χ^2/NDF : 1868115.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.699+/-0.016 χ^2/NDF : 4624778.0/21

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

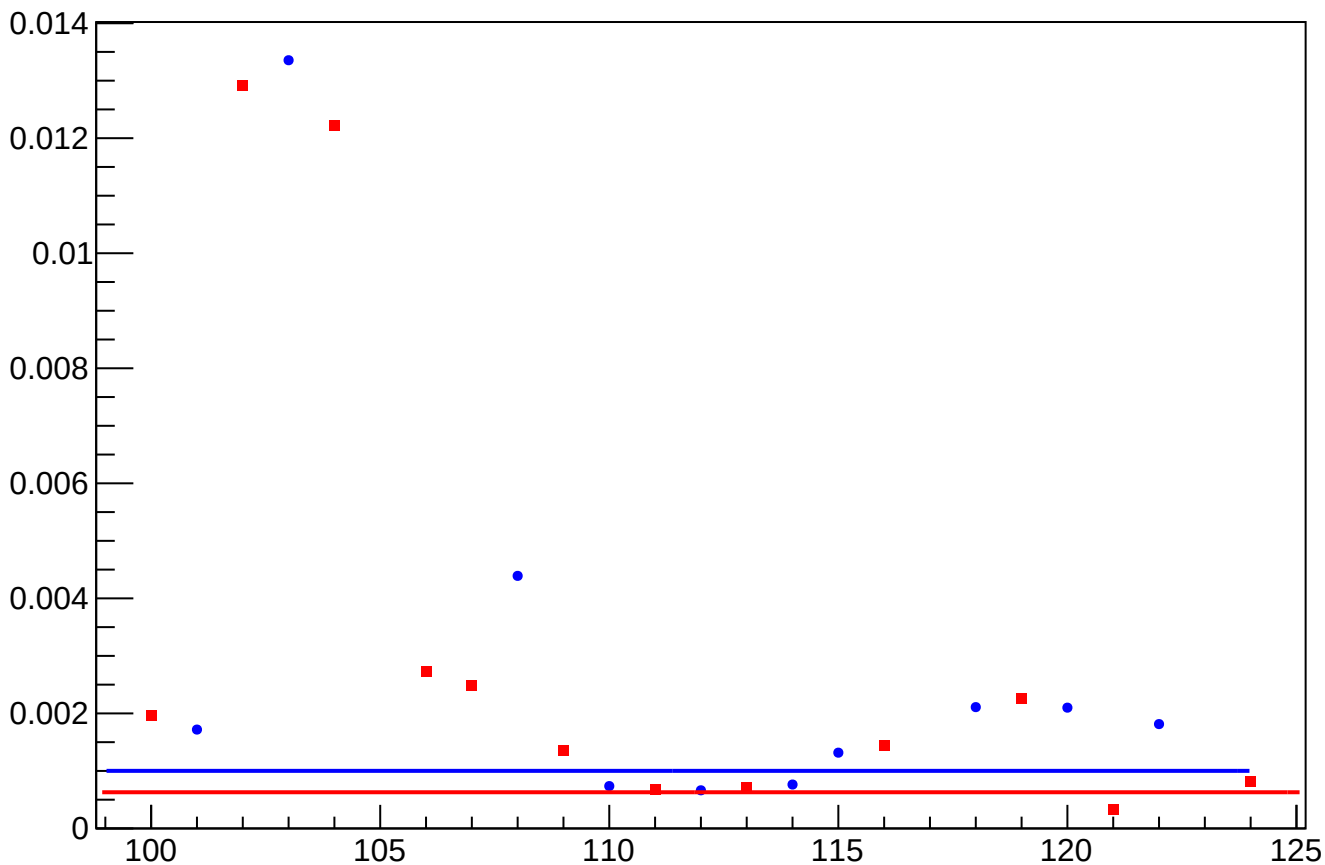
Right: 0.000+/-0.000 χ^2/NDF : 16.6/21

In: 0.000+/-0.000 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.6/21

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2770202.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4188576.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

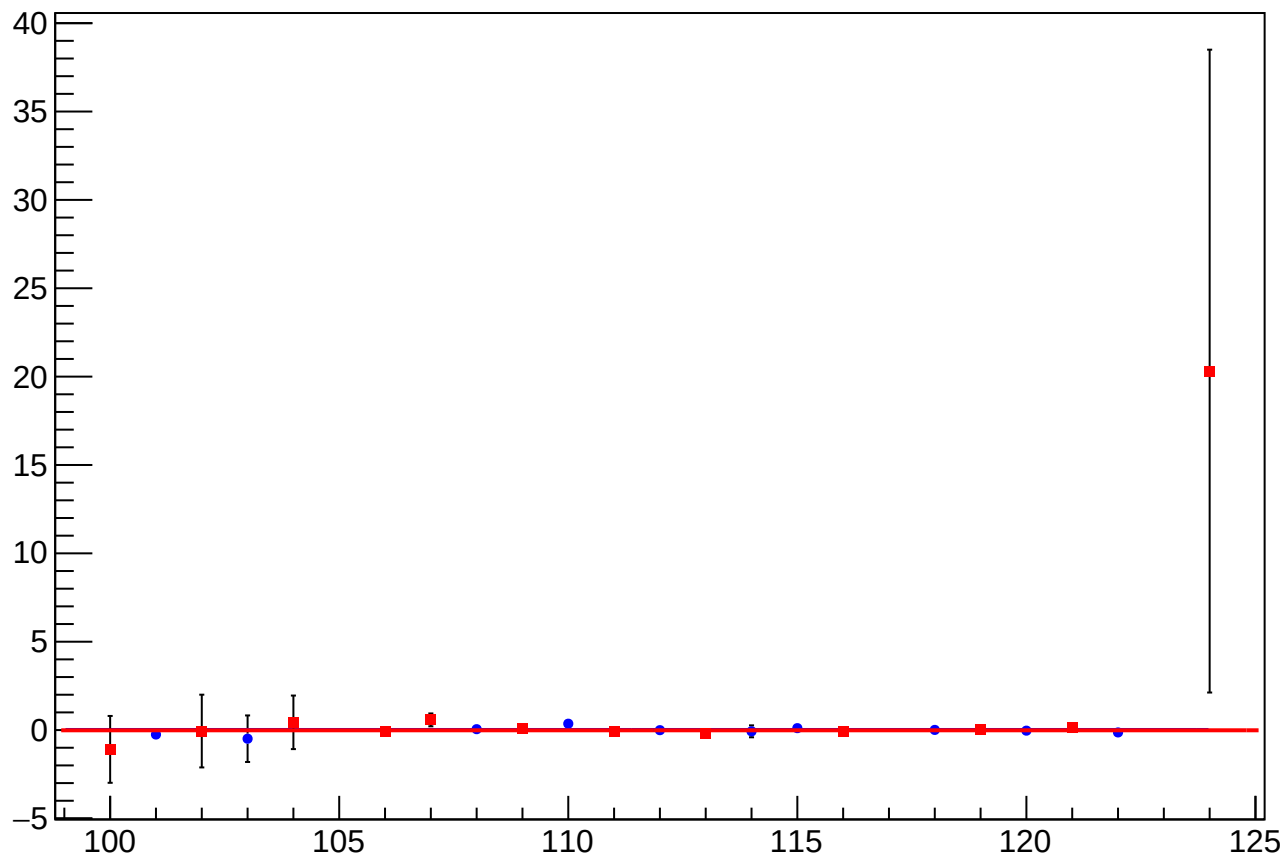
Right: 0.001+/-0.000 χ^2/NDF : 7448829.4/21

In: 0.001+/-0.000 χ^2/NDF : 2770202.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7448829.4/21

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.032 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

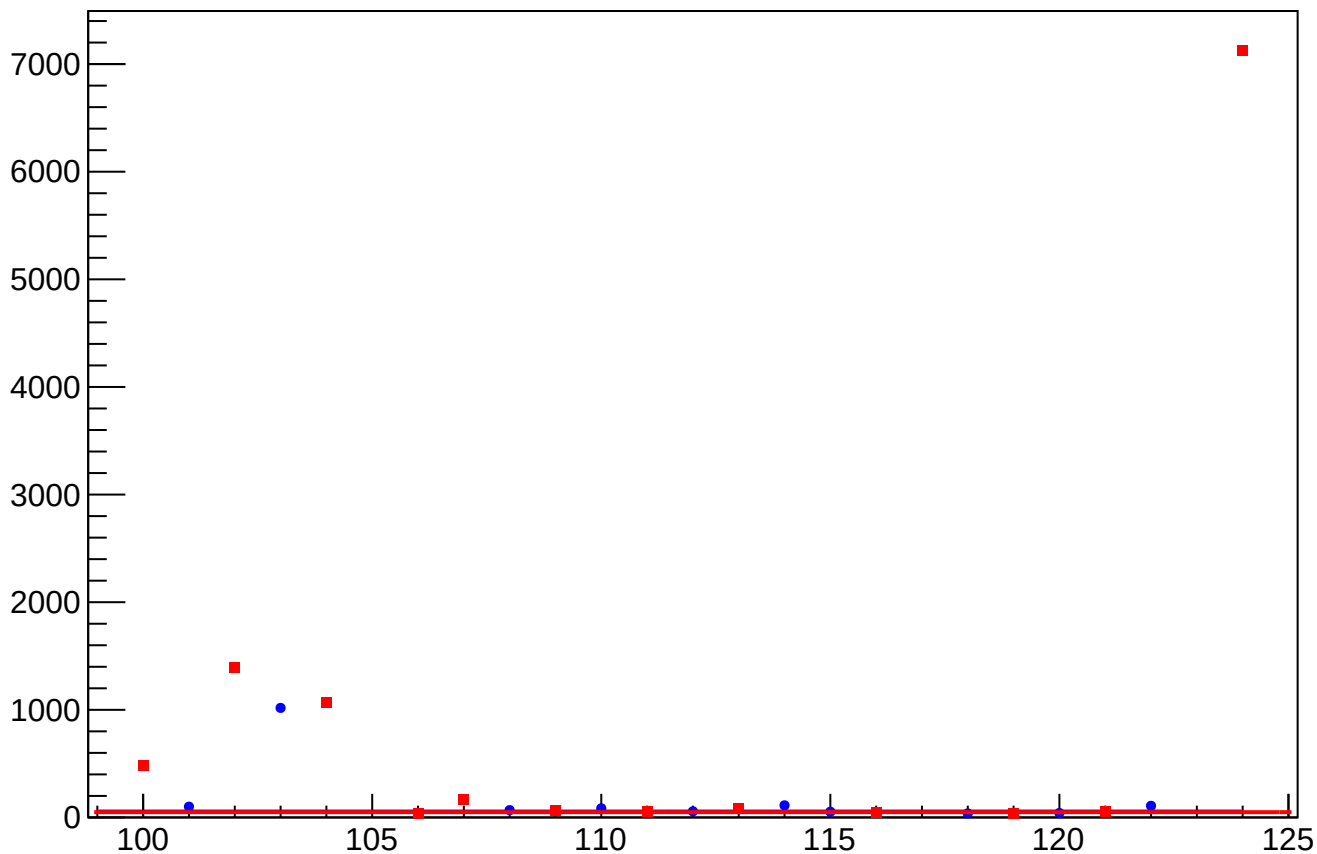
Right: -0.004+/-0.023 χ^2/NDF : 22.5/21

In: 0.005+/-0.034 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.023 χ^2/NDF : 22.5/21

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.596+/-0.024 χ^2/NDF : 1868127.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.121+/-0.023 χ^2/NDF : 2729147.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

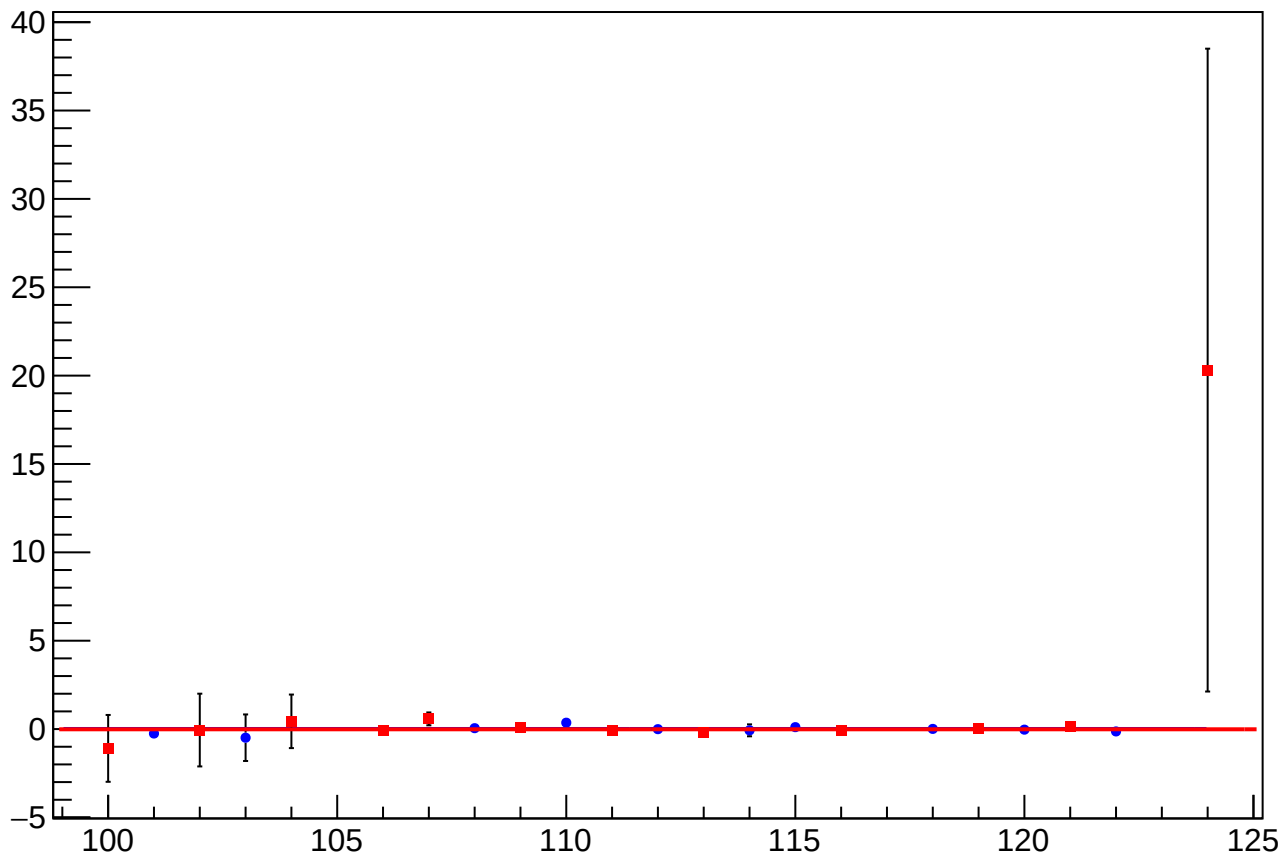
Right: 51.698+/-0.016 χ^2/NDF : 4624843.2/21

In: 54.596+/-0.024 χ^2/NDF : 1868127.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.698+/-0.016 χ^2/NDF : 4624843.2/21

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.032 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

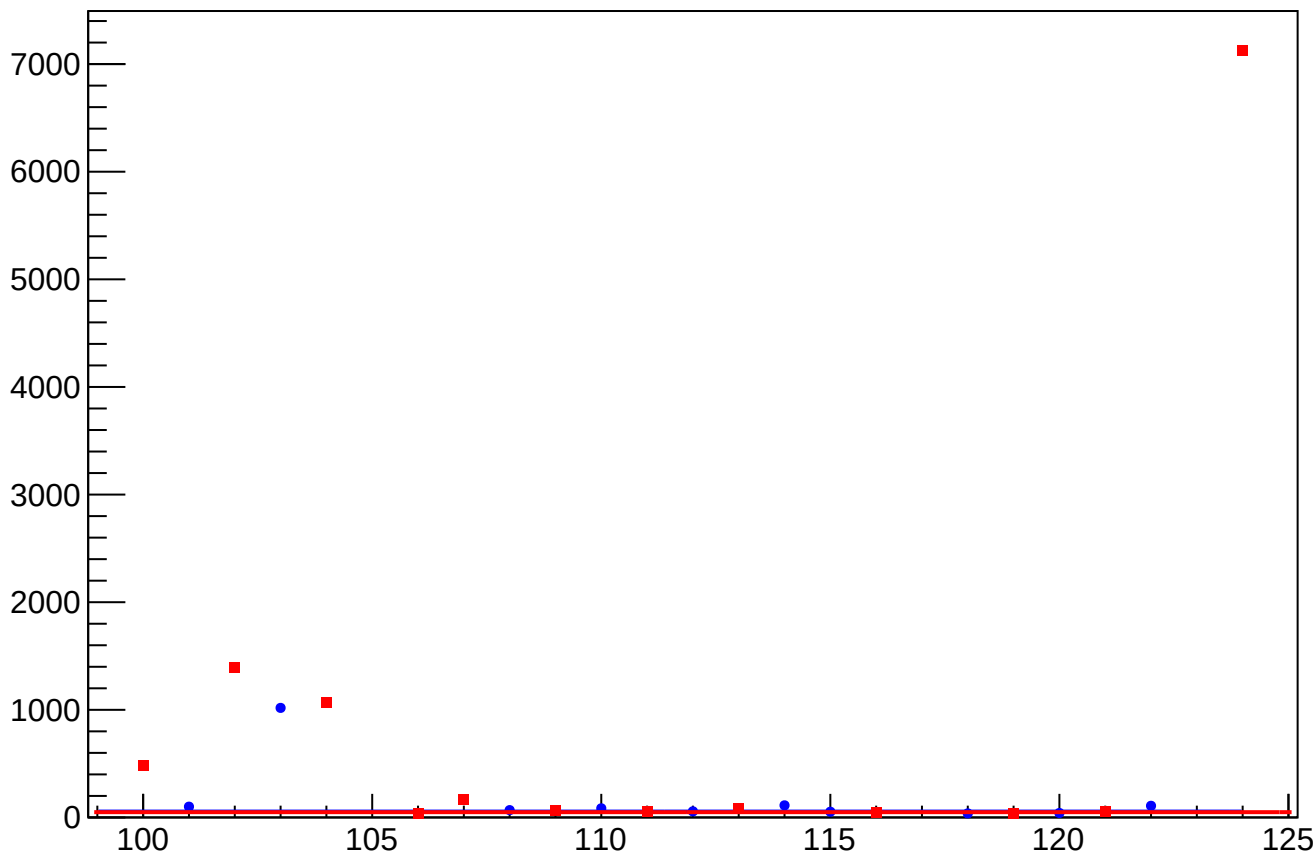
Right: -0.004+/-0.023 χ^2/NDF : 22.5/21

In: 0.005+/-0.034 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.004+/-0.023 χ^2/NDF : 22.5/21

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.596+/-0.024 χ^2/NDF : 1868127.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.121+/-0.023 χ^2/NDF : 2729147.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

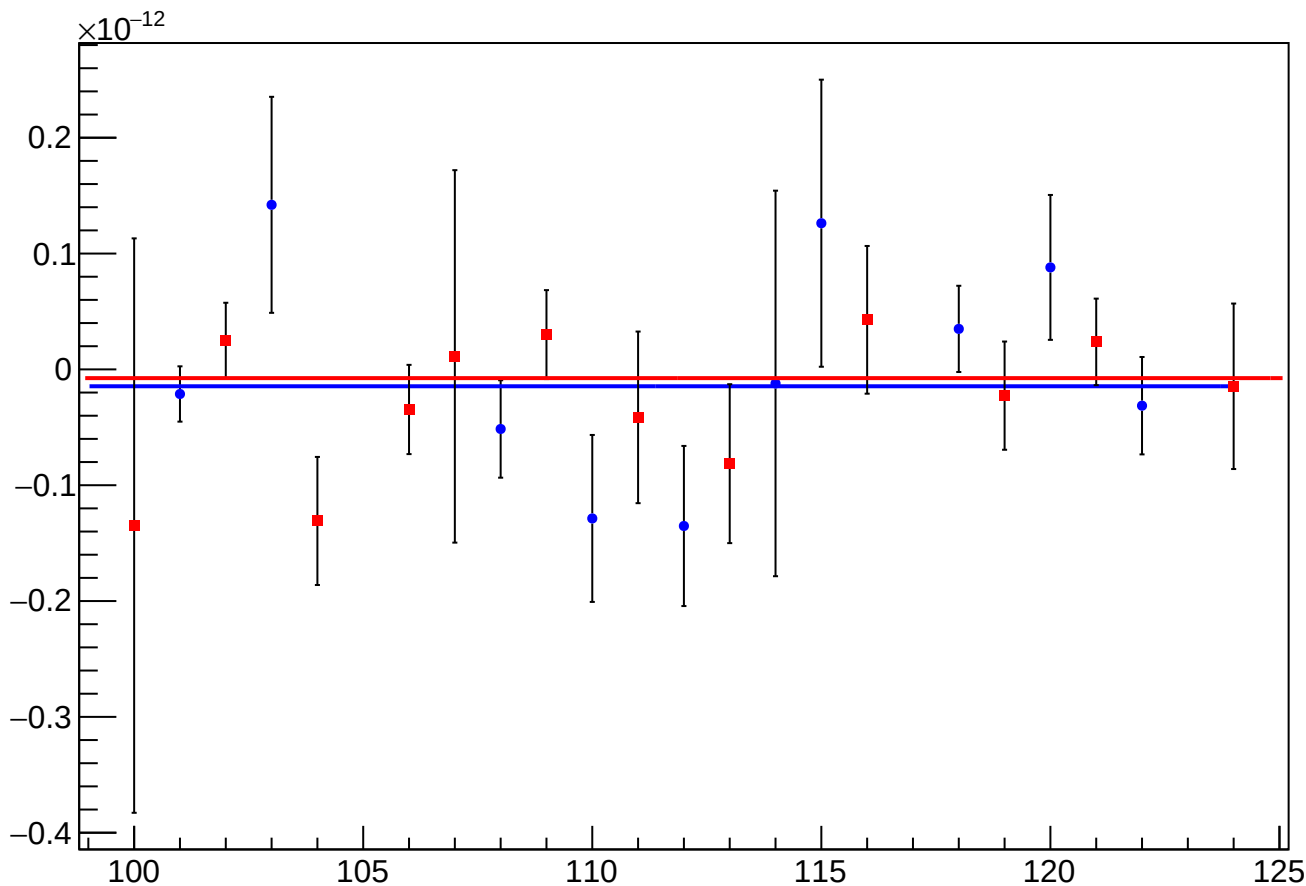
Right: 51.698+/-0.016 χ^2/NDF : 4624843.2/21

In: 54.596+/-0.024 χ^2/NDF : 1868127.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.698+/-0.016 χ^2/NDF : 4624843.2/21

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

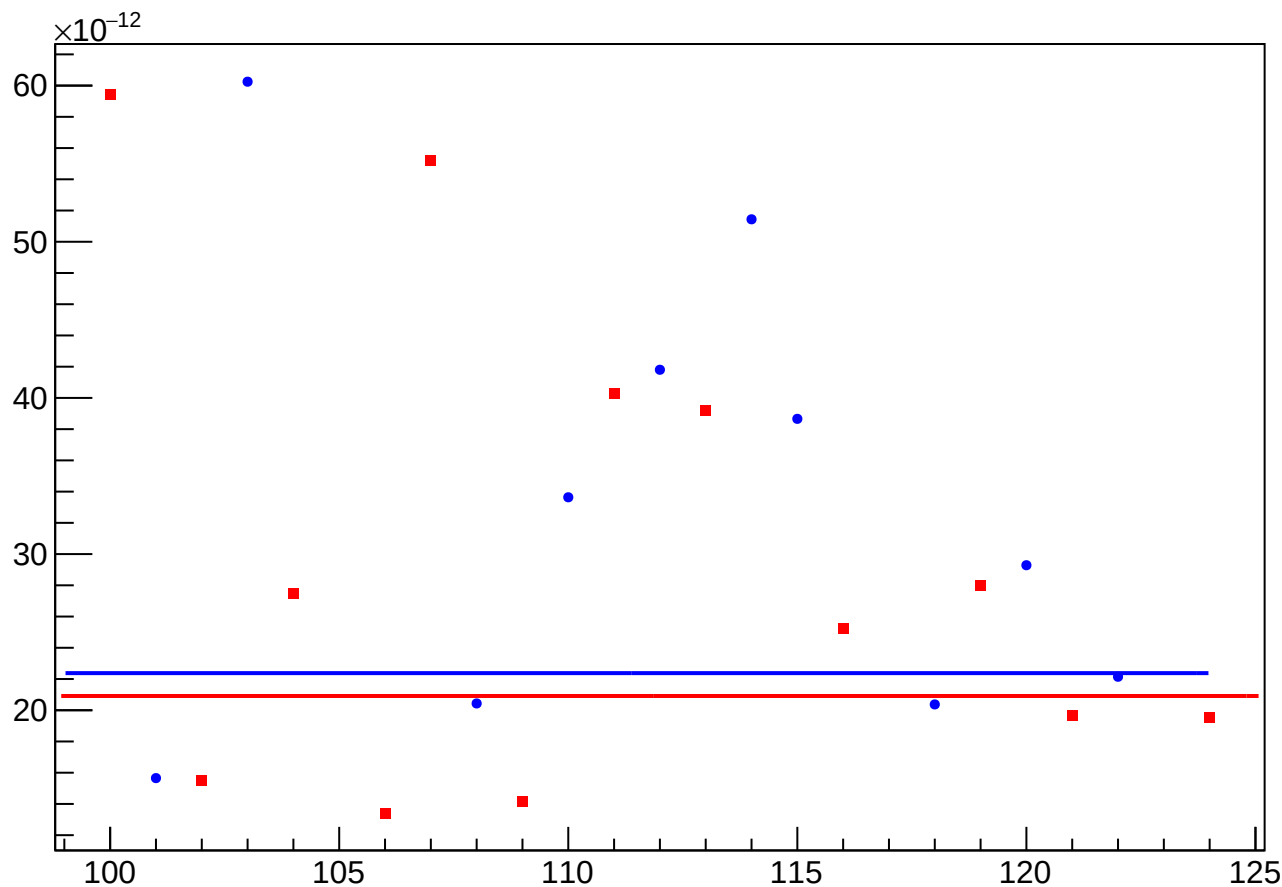
Right: -0.000+/-0.000 χ^2/NDF : 25.7/21

In: -0.000+/-0.000 χ^2/NDF : 15.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.7/21

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 825276.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 696542.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

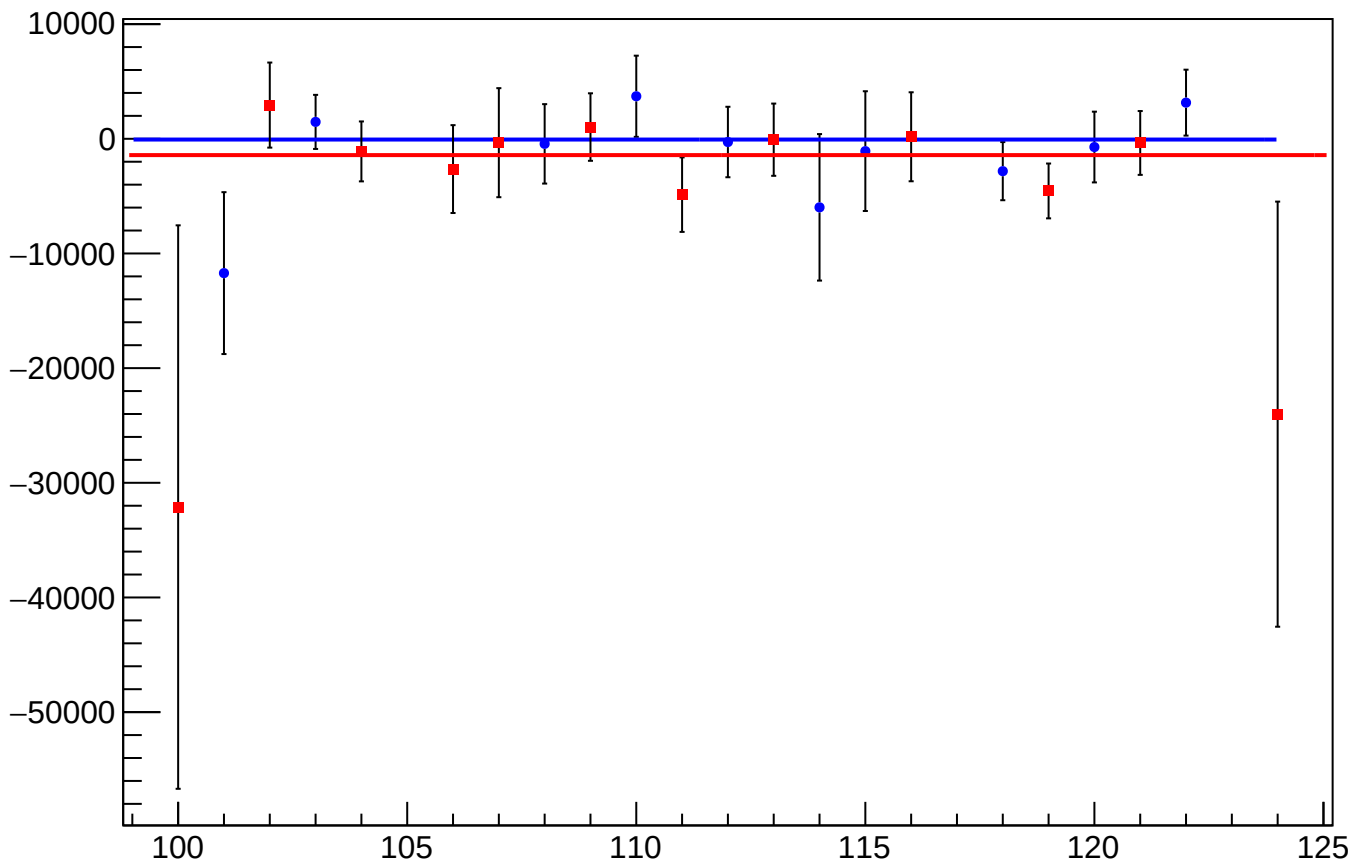
Right: 0.000+/-0.000 χ^2/NDF : 1531624.7/21

In: 0.000+/-0.000 χ^2/NDF : 825276.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1531624.7/21

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -65.446 ± 1047.236 $\chi^2/\text{NDF}: 7.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1422.315 ± 991.414 $\chi^2/\text{NDF}: 8.6/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

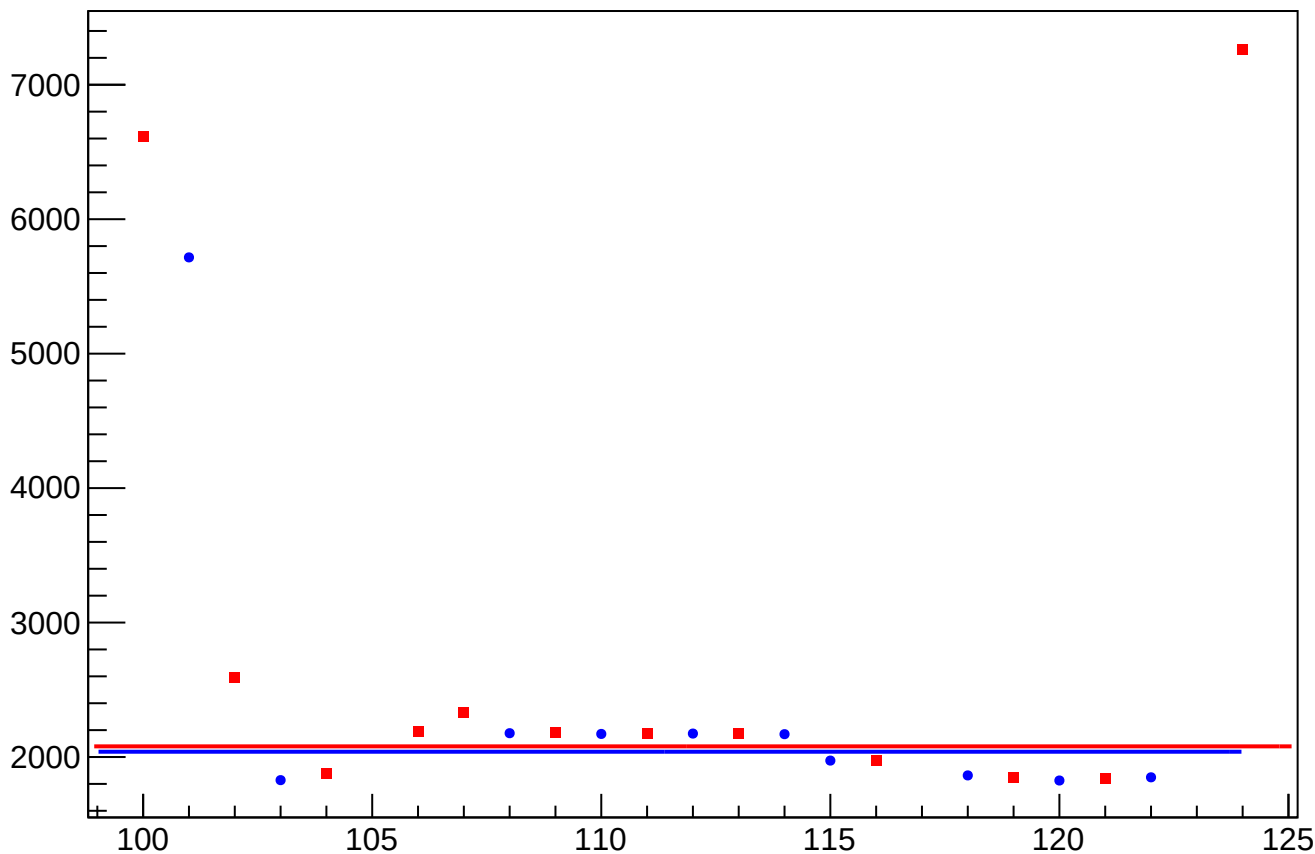
Right: -781.007 ± 719.961 $\chi^2/\text{NDF}: 17.2/21$

In: -65.446 ± 1047.236 $\chi^2/\text{NDF}: 7.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -781.007 ± 719.961 $\chi^2/\text{NDF}: 17.2/21$

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2039.340+/-0.741 χ^2/NDF : 597689.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2079.231+/-0.701 χ^2/NDF : 322951.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

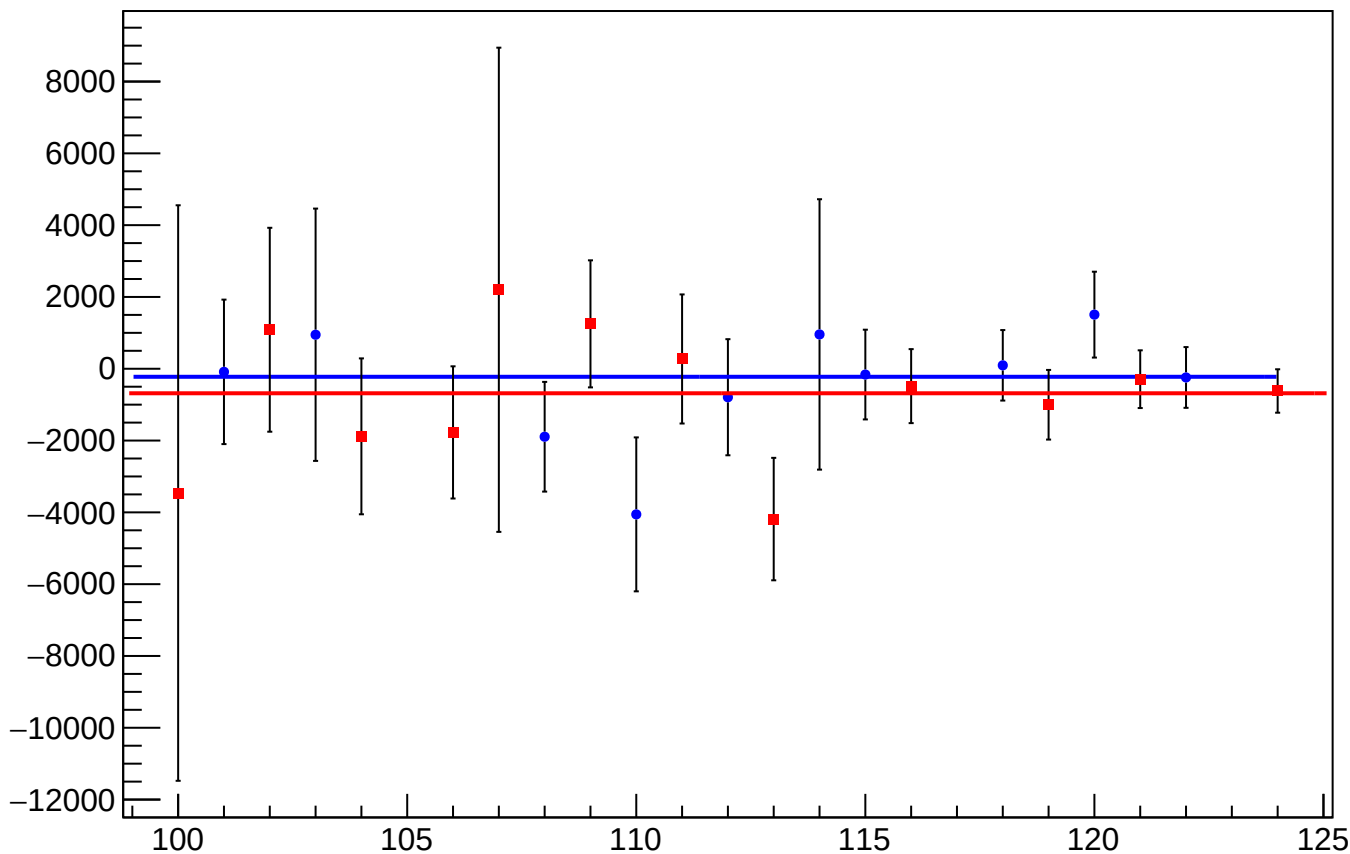
Right: 2060.377+/-0.509 χ^2/NDF : 922171.3/21

In: 2039.340+/-0.741 χ^2/NDF : 597689.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2060.377+/-0.509 χ^2/NDF : 922171.3/21

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -223.658+/-438.516 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -682.930+/-355.169 χ^2/NDF : 7.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

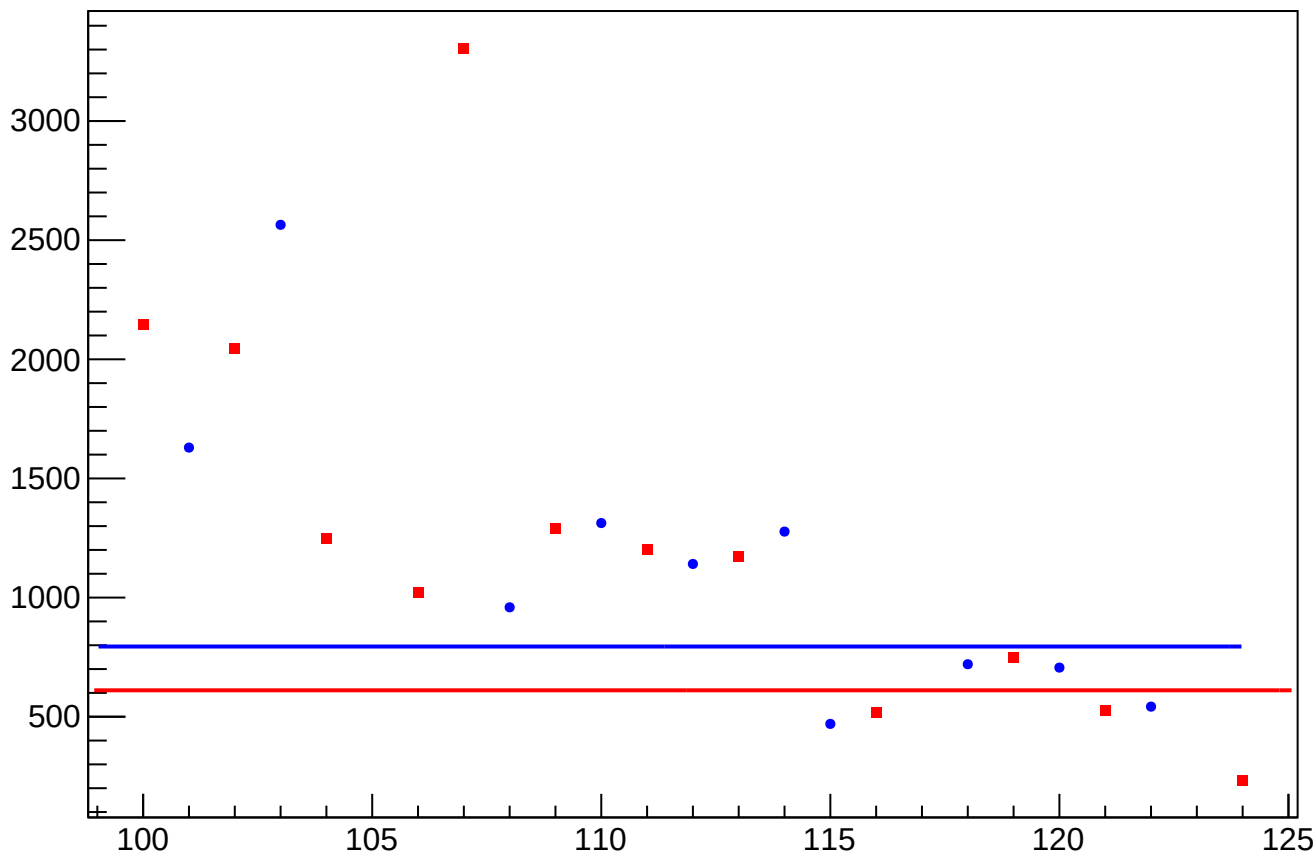
Right: -500.997+/-275.998 χ^2/NDF : 15.0/21

In: -223.658+/-438.516 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -500.997+/-275.998 χ^2/NDF : 15.0/21

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 794.636+/-0.310 χ^2/NDF : 1451608.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 610.841+/-0.251 χ^2/NDF : 2764247.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

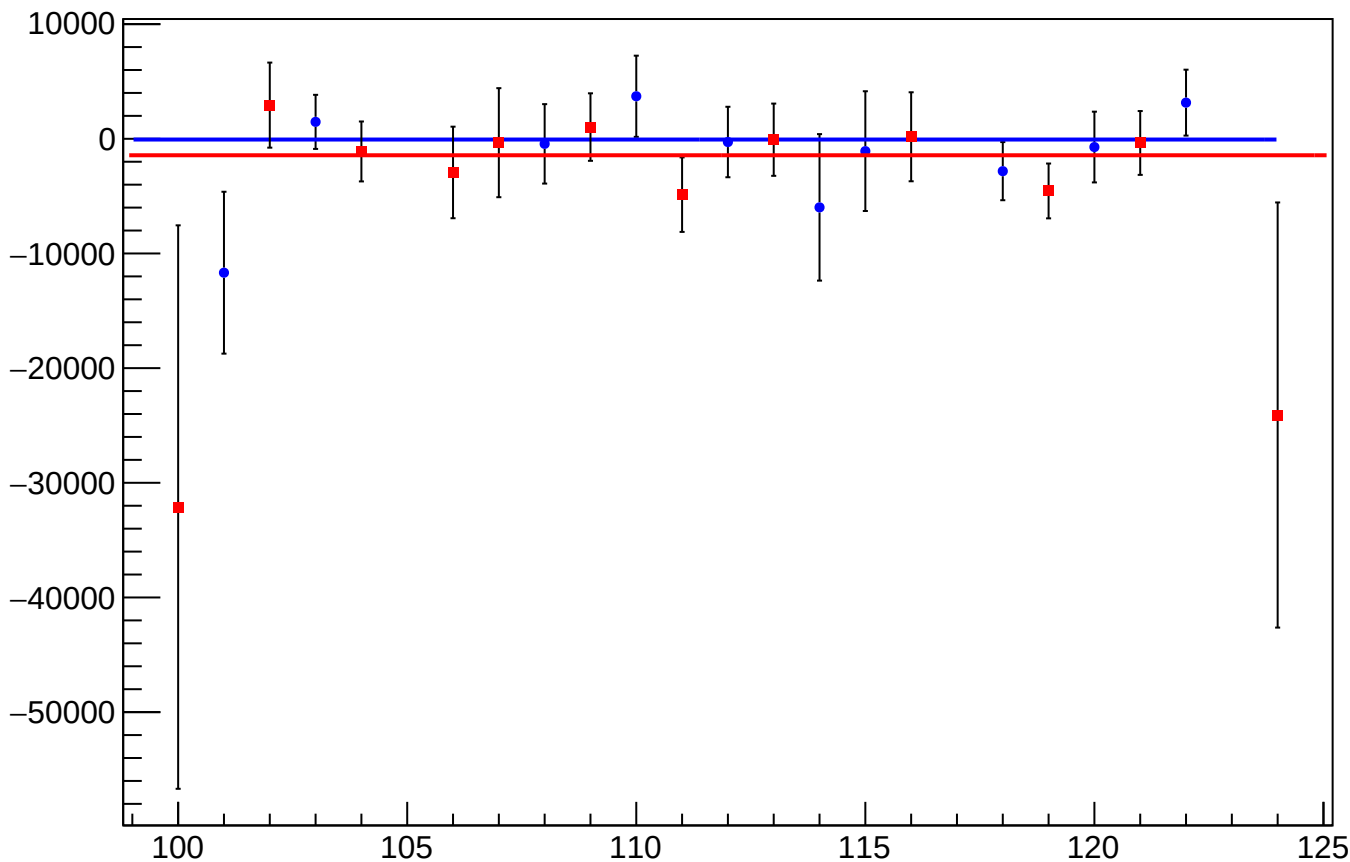
Right: 683.649+/-0.195 χ^2/NDF : 4428017.1/21

In: 794.636+/-0.310 χ^2/NDF :1451608.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 683.649+/-0.195 χ^2/NDF : 4428017.1/21

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -63.963+/-1047.236 χ^2/NDF : 7.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1435.240+/-994.043 χ^2/NDF : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

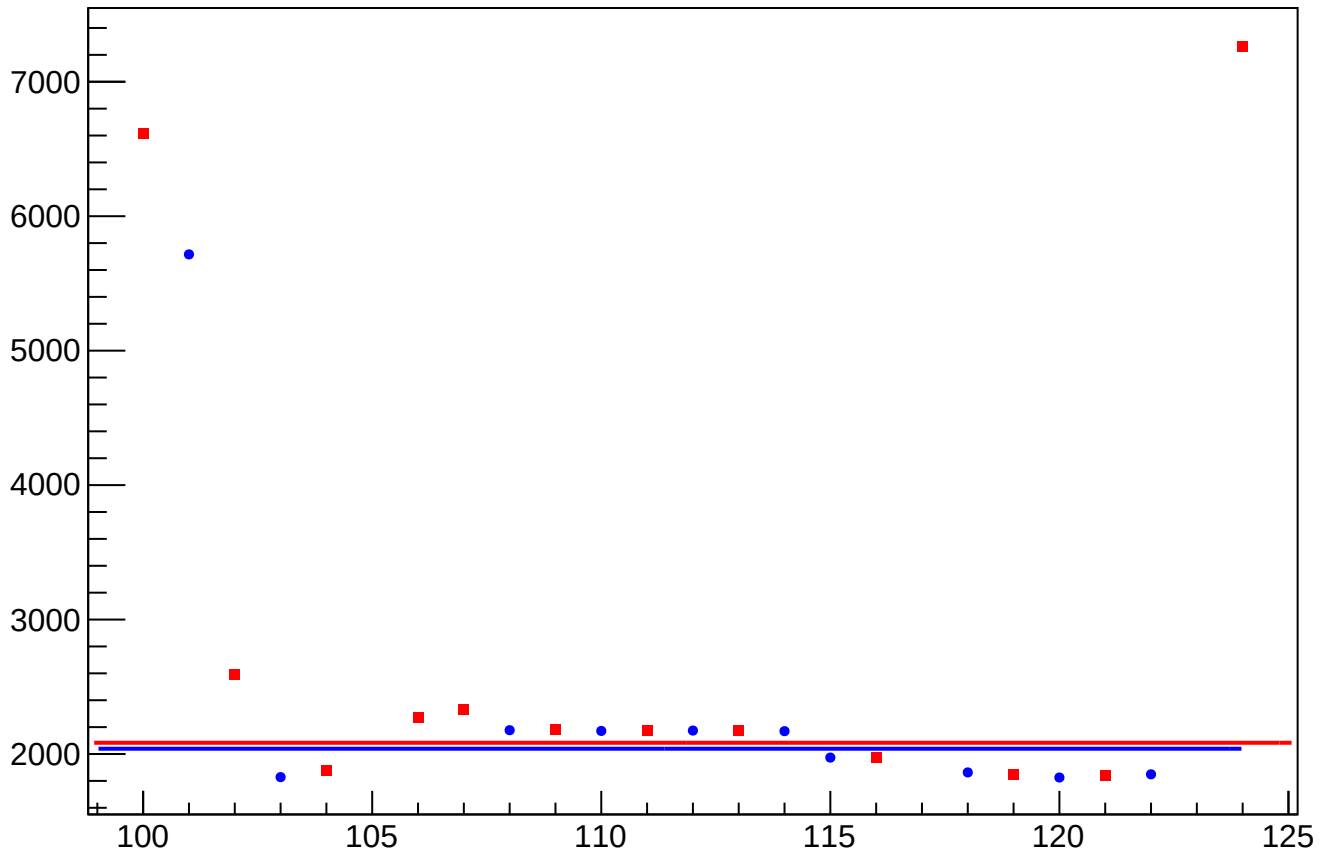
Right: -785.311+/-720.967 χ^2/NDF : 17.2/21

In: -63.963+/-1047.236 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -785.311+/-720.967 χ^2/NDF : 17.2/21

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2039.340+/-0.741 χ^2/NDF : 597689.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.736+/-0.703 χ^2/NDF : 325848.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

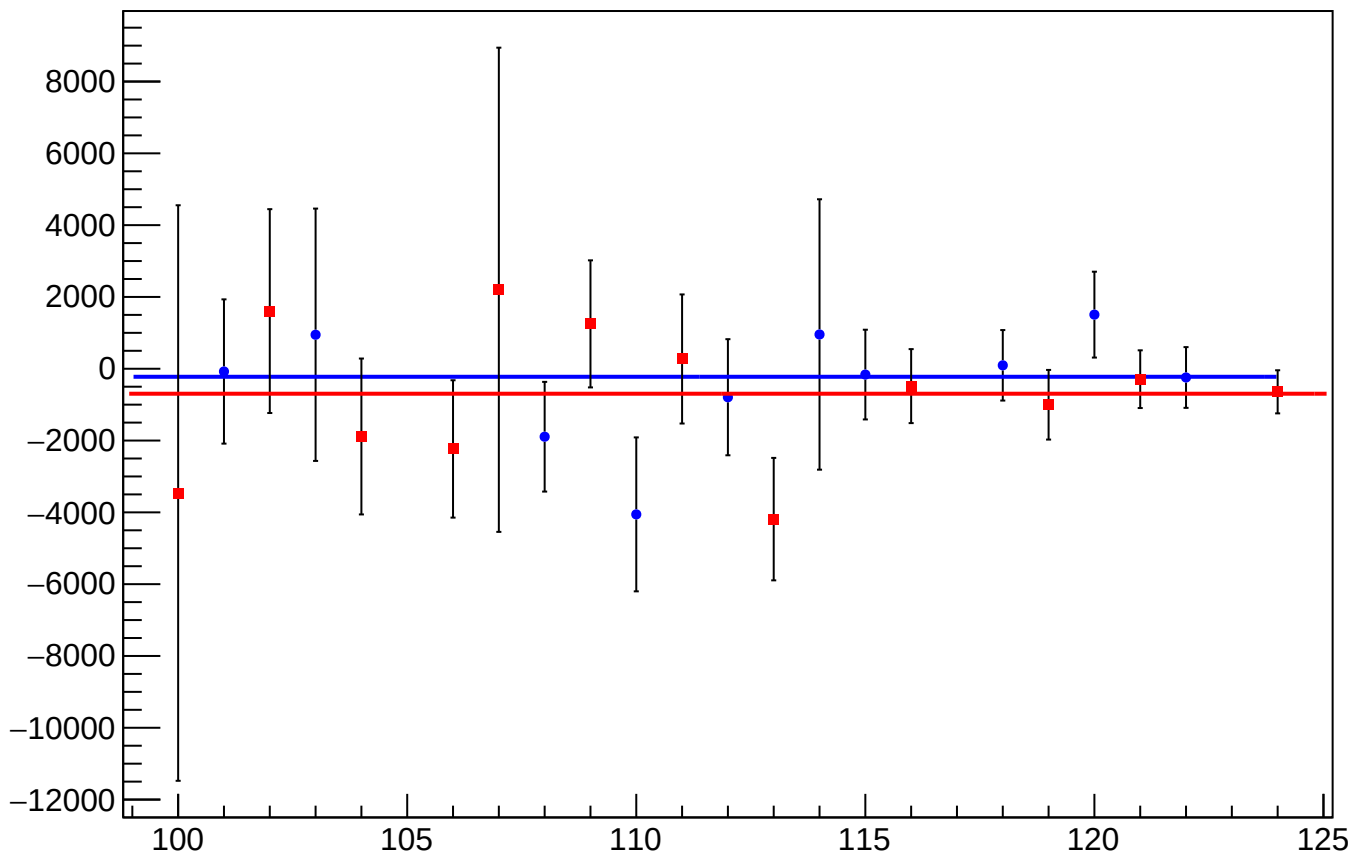
Right: 2062.694+/-0.510 χ^2/NDF : 925428.8/21

In: 2039.340+/-0.741 χ^2/NDF : 597689.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.694+/-0.510 χ^2/NDF : 925428.8/21

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -223.541+/-438.479 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -695.643+/-354.760 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

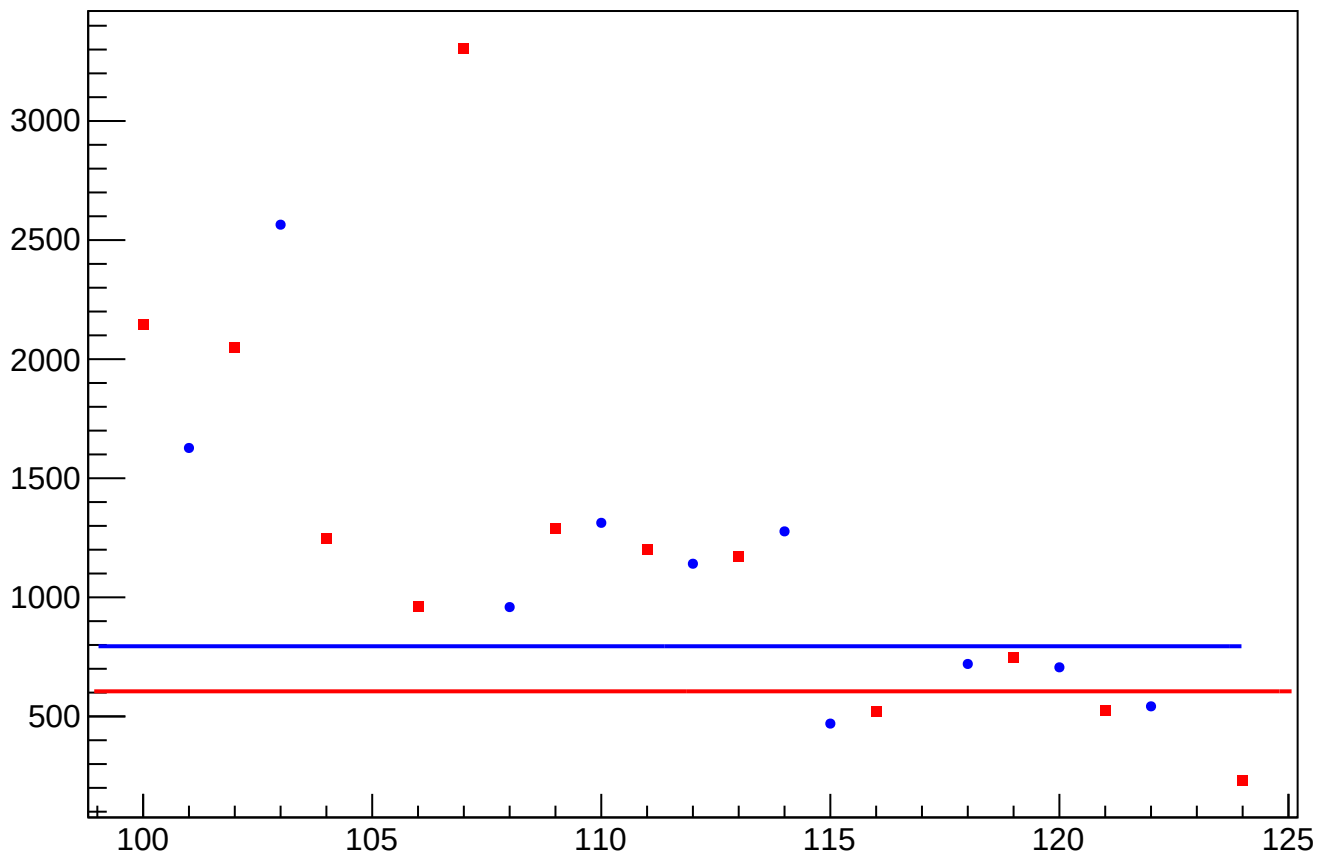
Right: -508.870+/-275.797 χ^2/NDF : 15.6/21

In: -223.541+/-438.479 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -508.870+/-275.797 χ^2/NDF : 15.6/21

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 794.625+/-0.310 χ^2/NDF : 1450731.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 605.374+/-0.251 χ^2/NDF : 2752268.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

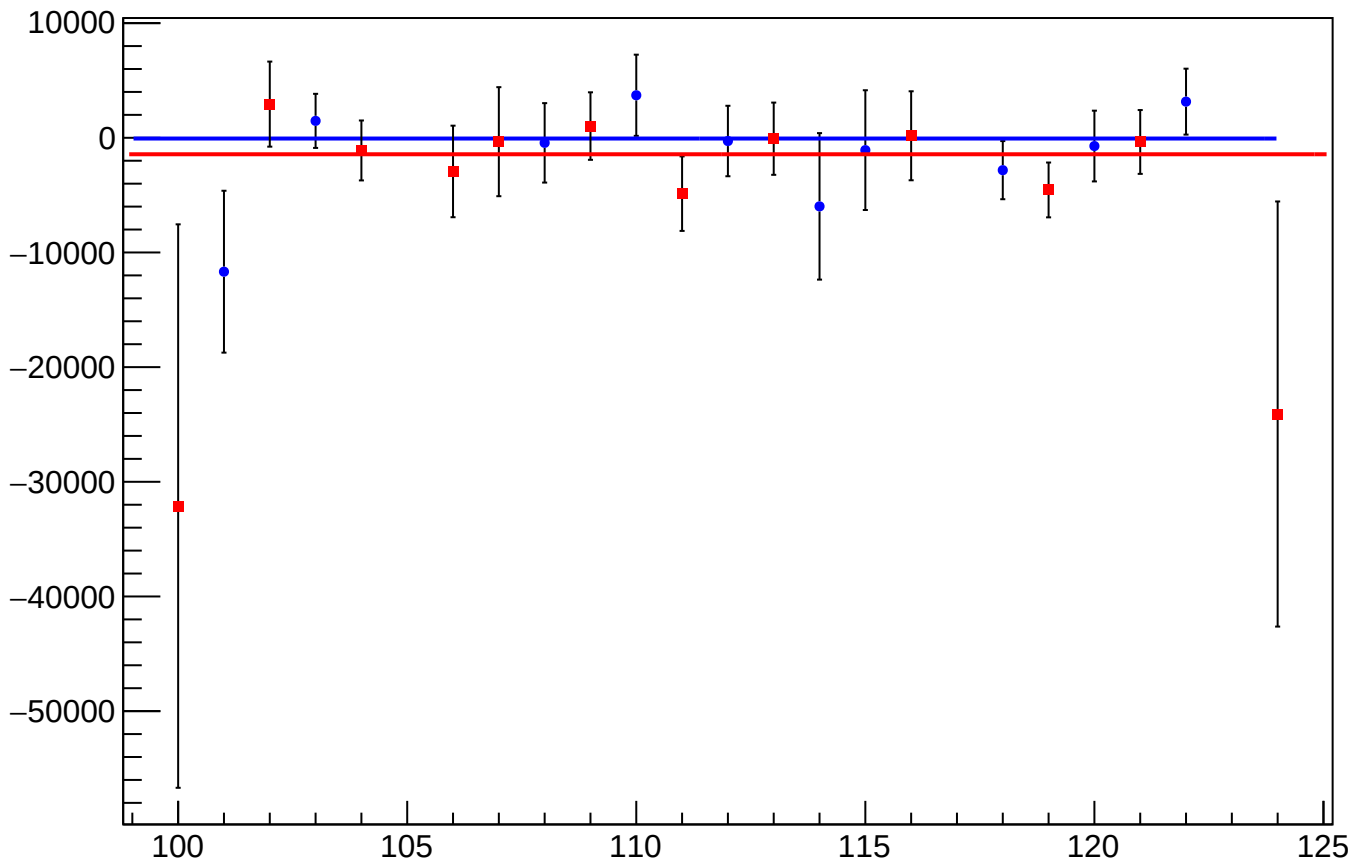
Right: 680.246+/-0.195 χ^2/NDF : 4428174.9/21

In: 794.625+/-0.310 χ^2/NDF :1450731.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 680.246+/-0.195 χ^2/NDF : 4428174.9/21

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -63.963+/-1047.236 χ^2/NDF : 7.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1435.240+/-994.043 χ^2/NDF : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

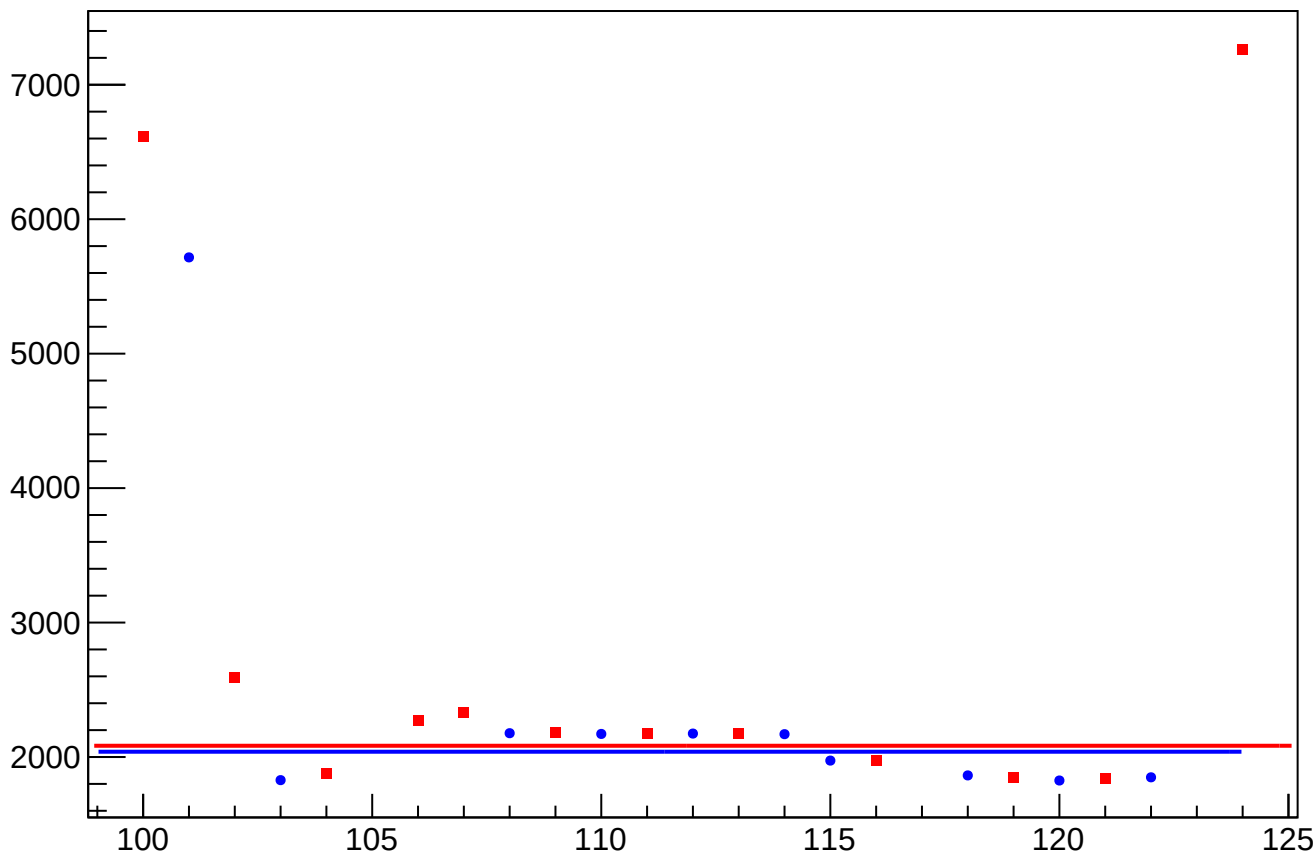
Right: -785.311+/-720.967 χ^2/NDF : 17.2/21

In: -63.963+/-1047.236 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -785.311+/-720.967 χ^2/NDF : 17.2/21

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2039.340+/-0.741 χ^2/NDF : 597689.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.736+/-0.703 χ^2/NDF : 325848.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

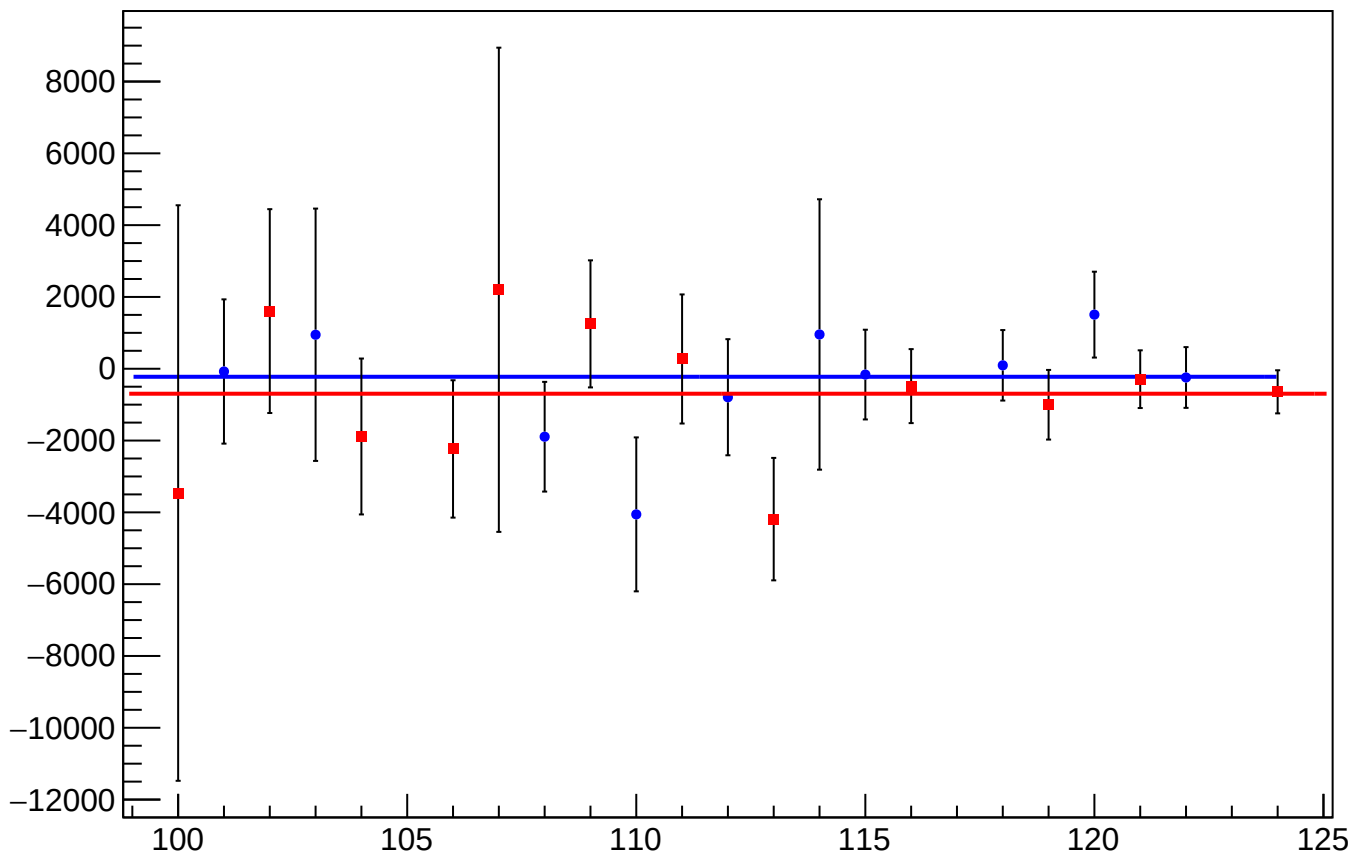
Right: 2062.694+/-0.510 χ^2/NDF : 925428.8/21

In: 2039.340+/-0.741 χ^2/NDF : 597689.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.694+/-0.510 χ^2/NDF : 925428.8/21

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -223.541+/-438.479 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -695.643+/-354.760 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

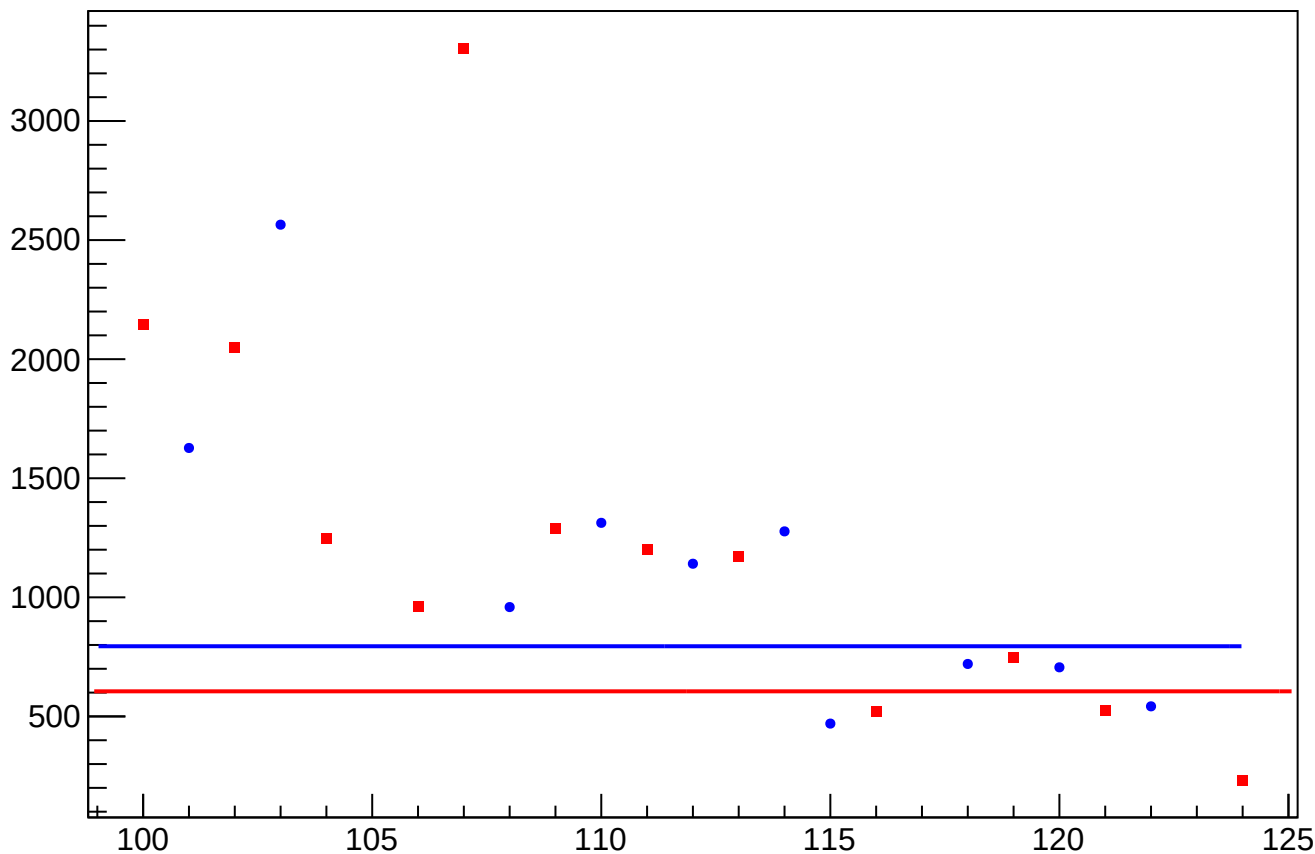
Right: -508.870+/-275.797 χ^2/NDF : 15.6/21

In: -223.541+/-438.479 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -508.870+/-275.797 χ^2/NDF : 15.6/21

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 794.625+/-0.310 χ^2/NDF : 1450731.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 605.374+/-0.251 χ^2/NDF : 2752268.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

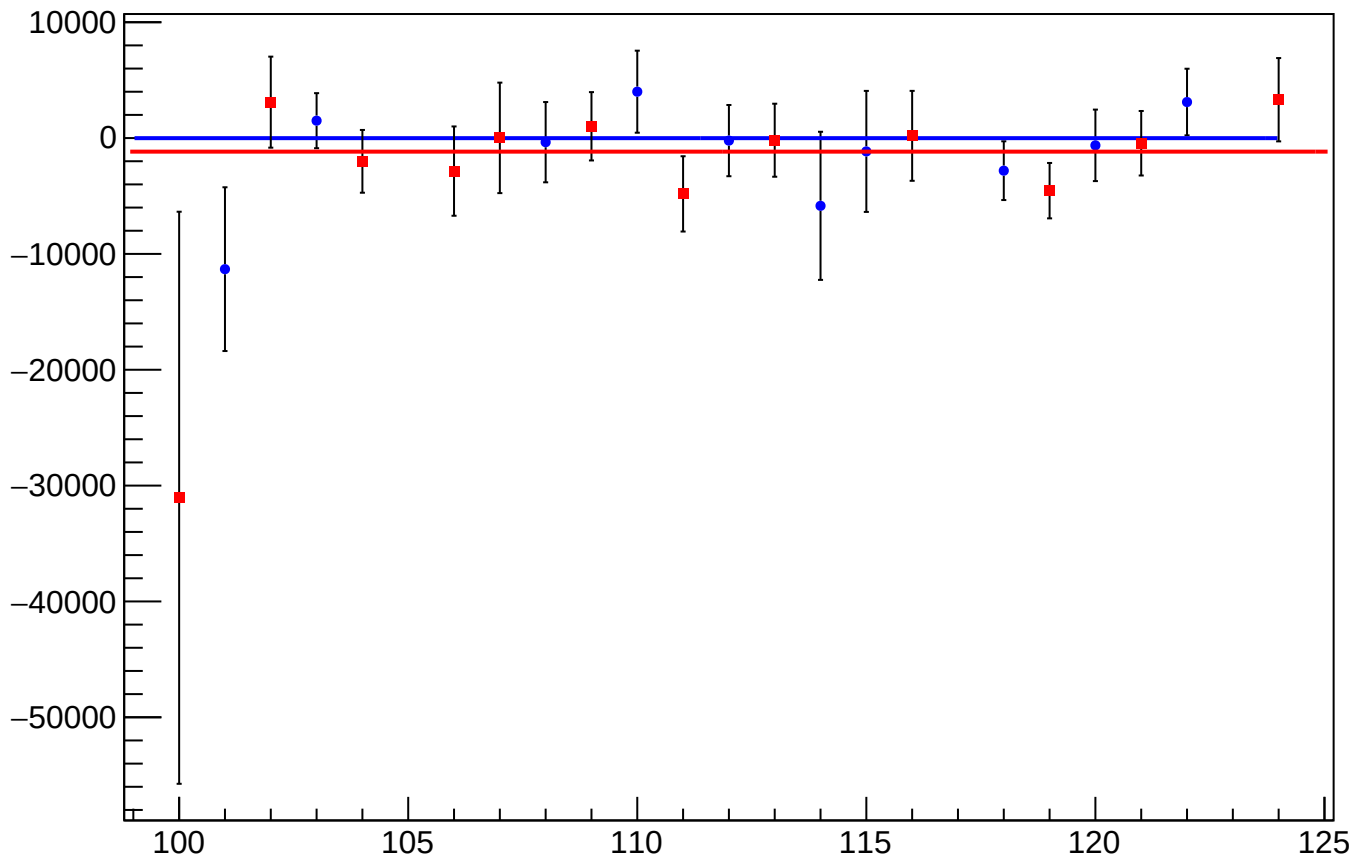
Right: 680.246+/-0.195 χ^2/NDF : 4428174.9/21

In: 794.625+/-0.310 χ^2/NDF :1450731.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 680.246+/-0.195 χ^2/NDF : 4428174.9/21

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -7.790+/-1049.129 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1171.423+/-965.933 χ^2/NDF : 8.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

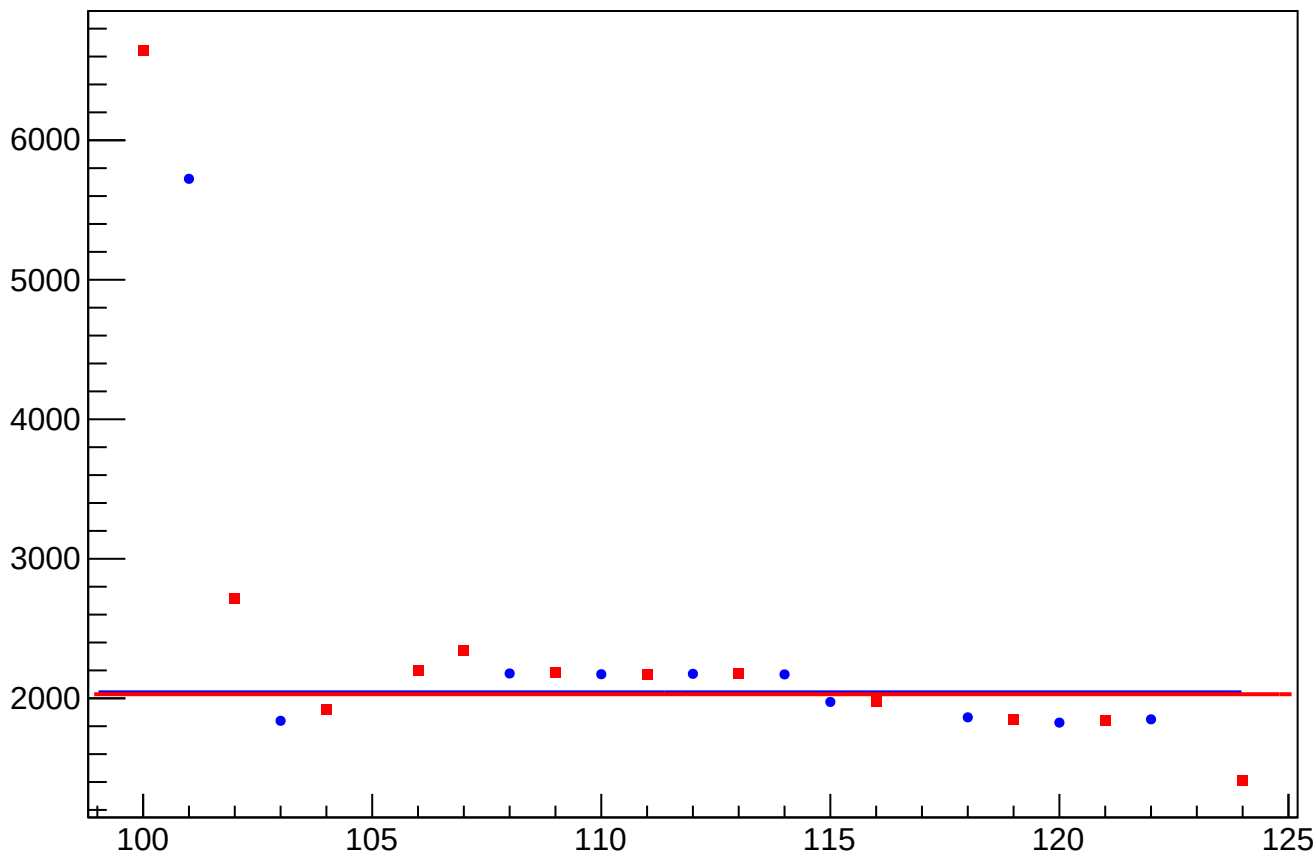
Right: -637.568+/-710.612 χ^2/NDF : 16.9/21

In: -7.790+/-1049.129 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.568+/-710.612 χ^2/NDF : 16.9/21

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2042.602+/-0.742 χ^2/NDF : 596636.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2029.331+/-0.683 χ^2/NDF : 240246.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

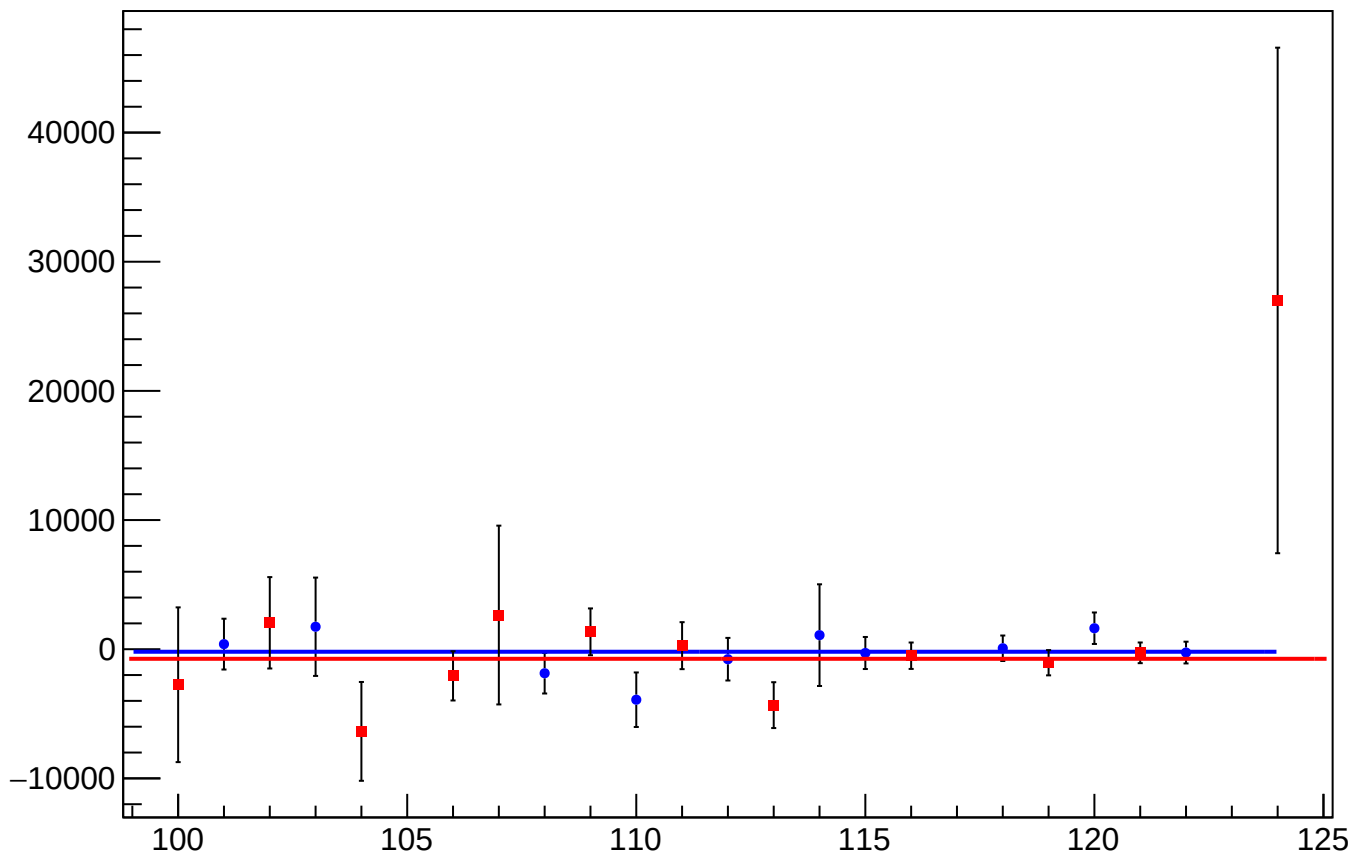
Right: 2035.420+/-0.502 χ^2/NDF : 837055.9/21

In: 2042.602+/-0.742 χ^2/NDF : 596636.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2035.420+/-0.502 χ^2/NDF : 837055.9/21

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -196.240+/-440.476 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -742.769+/-448.911 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

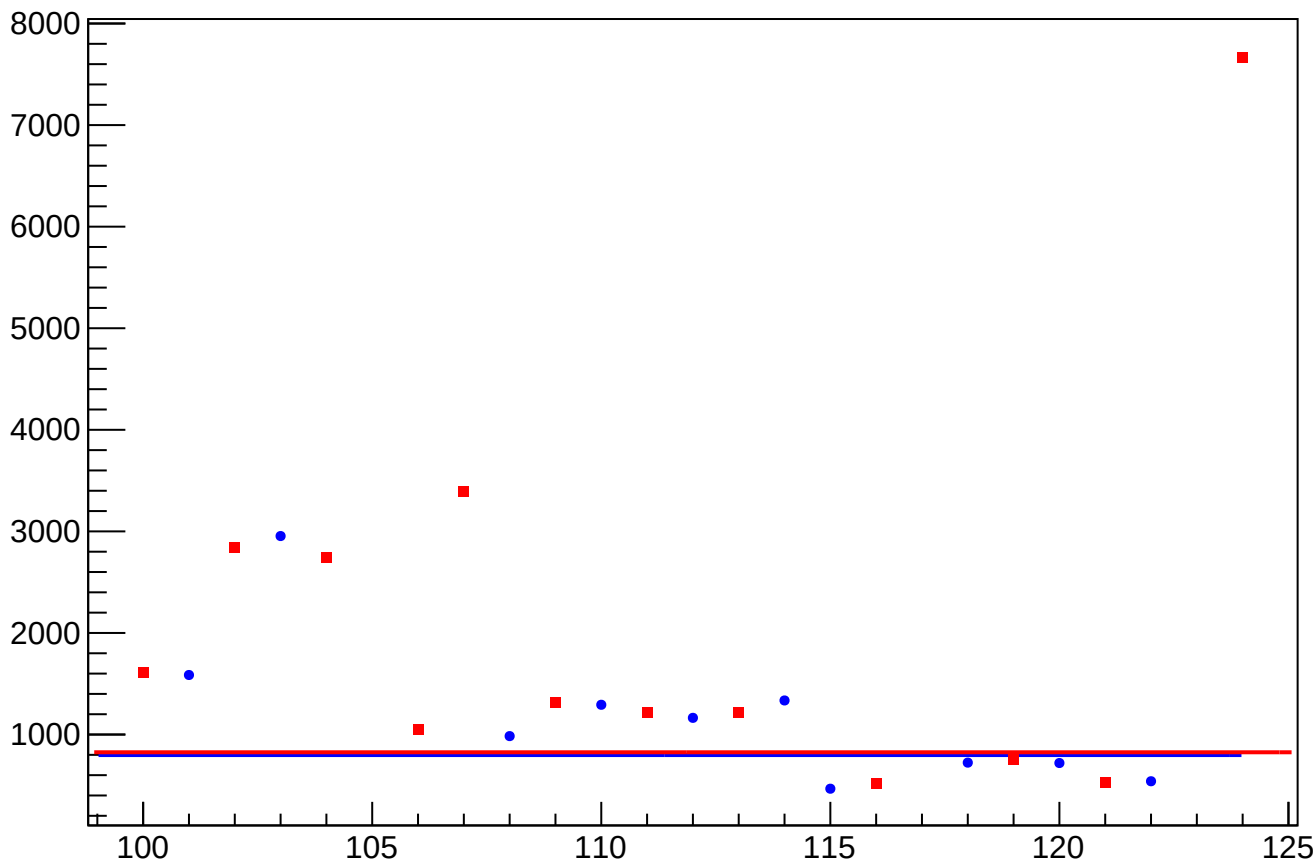
Right: -464.322+/-314.403 χ^2/NDF : 19.7/21

In: -196.240+/-440.476 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.322+/-314.403 χ^2/NDF : 19.7/21

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 798.020+/-0.311 χ^2/NDF : 1586956.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.321+/-0.317 χ^2/NDF : 2549916.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

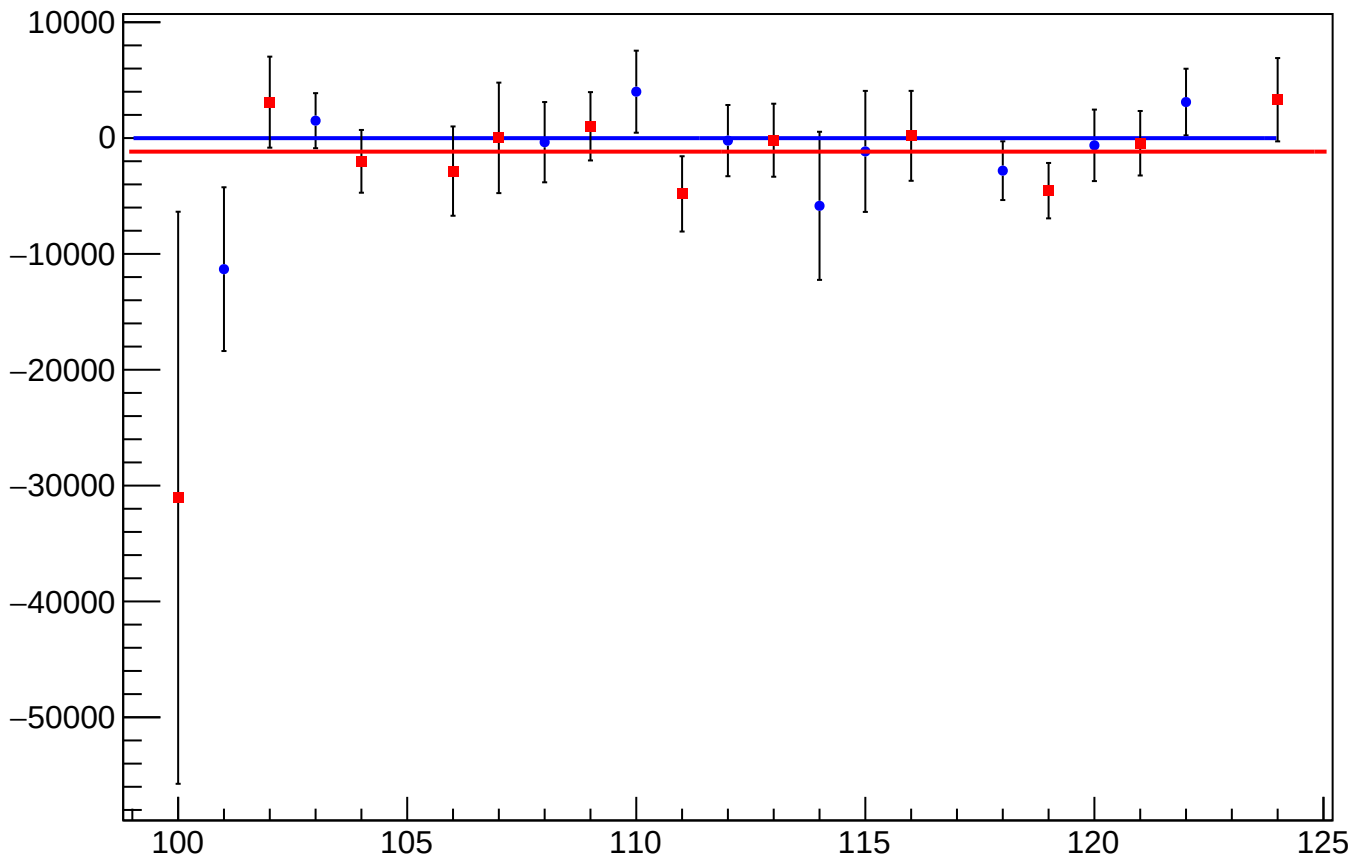
Right: 811.411+/-0.222 χ^2/NDF : 4140642.0/21

In: 798.020+/-0.311 χ^2/NDF : 1586956.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.411+/-0.222 χ^2/NDF : 4140642.0/21

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -7.791 ± 1049.129 χ^2/NDF : 7.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1171.424 ± 965.933 χ^2/NDF : 8.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

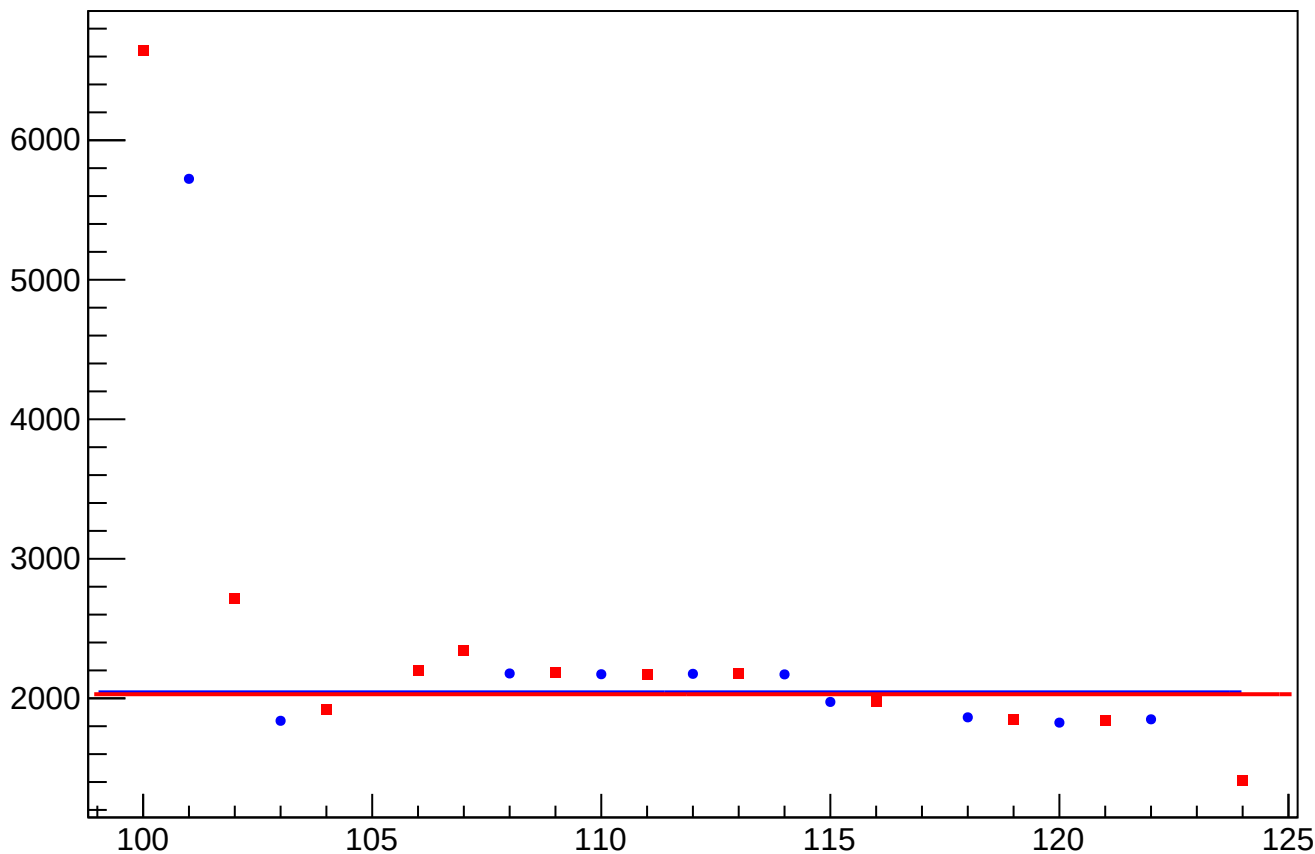
Right: -637.569 ± 710.612 χ^2/NDF : 16.9/21

In: -7.791 ± 1049.129 χ^2/NDF : 7.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -637.569 ± 710.612 χ^2/NDF : 16.9/21

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2042.602+/-0.742 χ^2/NDF : 596636.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2029.331+/-0.683 χ^2/NDF : 240246.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

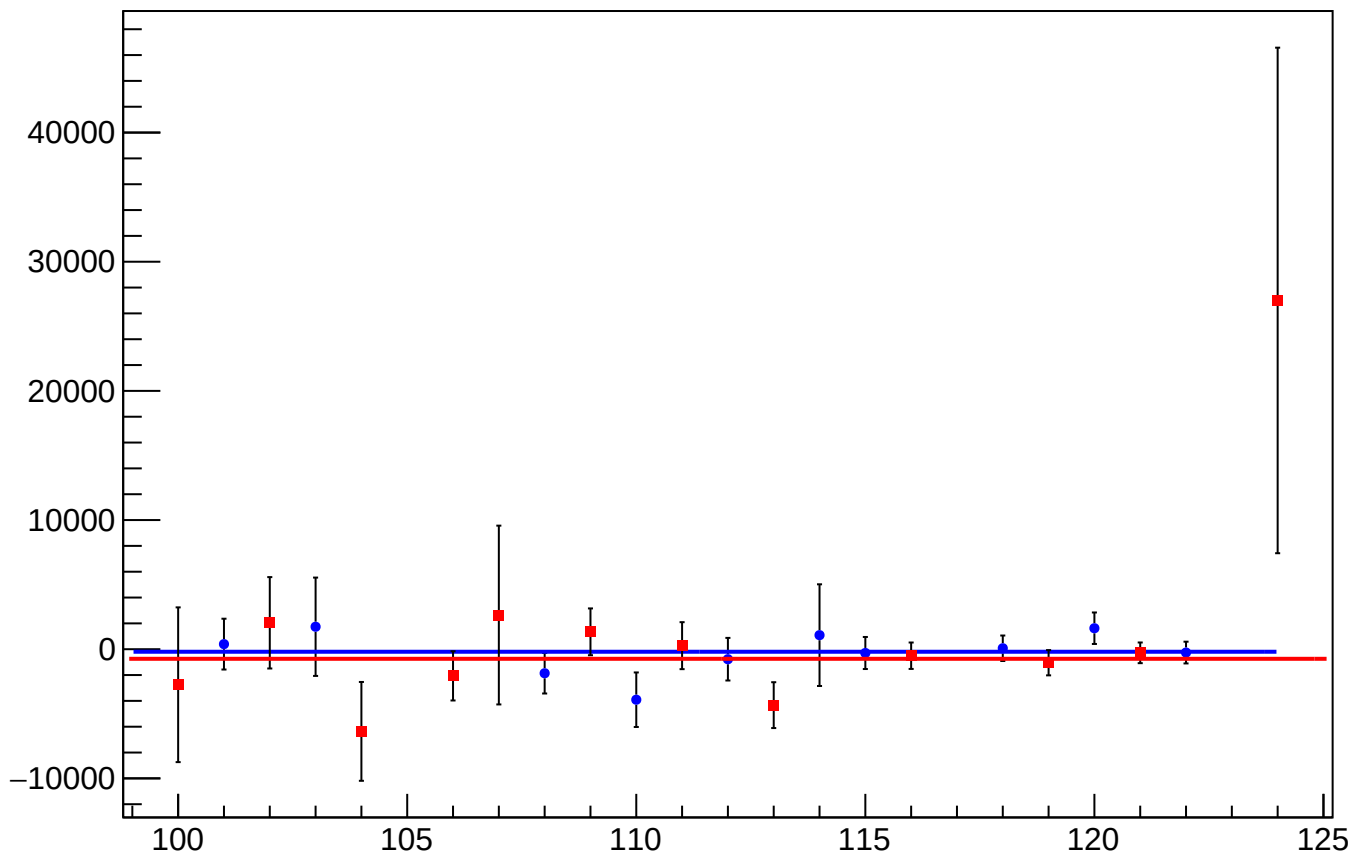
Right: 2035.419+/-0.502 χ^2/NDF : 837055.9/21

In: 2042.602+/-0.742 χ^2/NDF :596636.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2035.419+/-0.502 χ^2/NDF : 837055.9/21

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -196.241+/-440.475 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -742.769+/-448.911 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

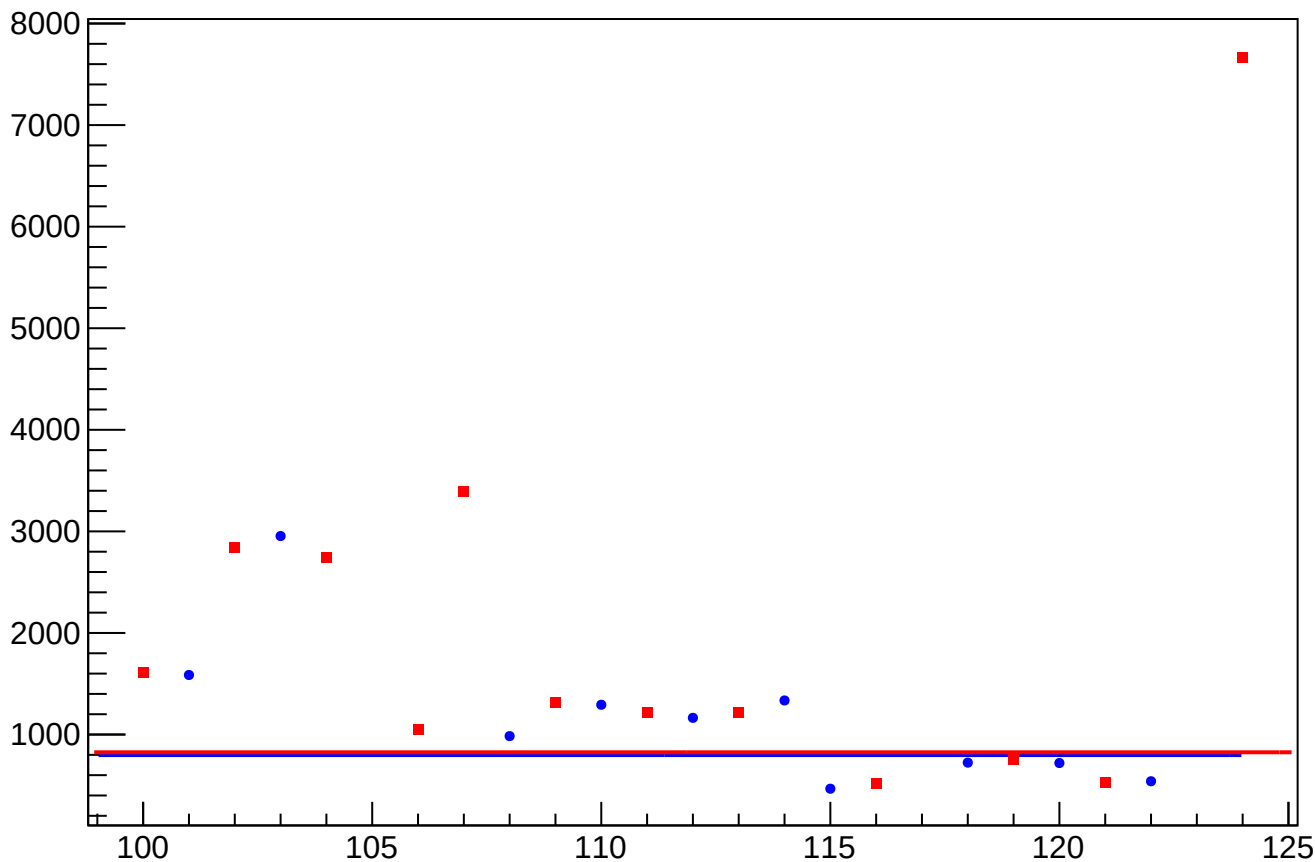
Right: -464.322+/-314.403 χ^2/NDF : 19.7/21

In: -196.241+/-440.475 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.322+/-314.403 χ^2/NDF : 19.7/21

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 798.019+/-0.311 χ^2/NDF : 1586959.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 825.320+/-0.317 χ^2/NDF : 2549919.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

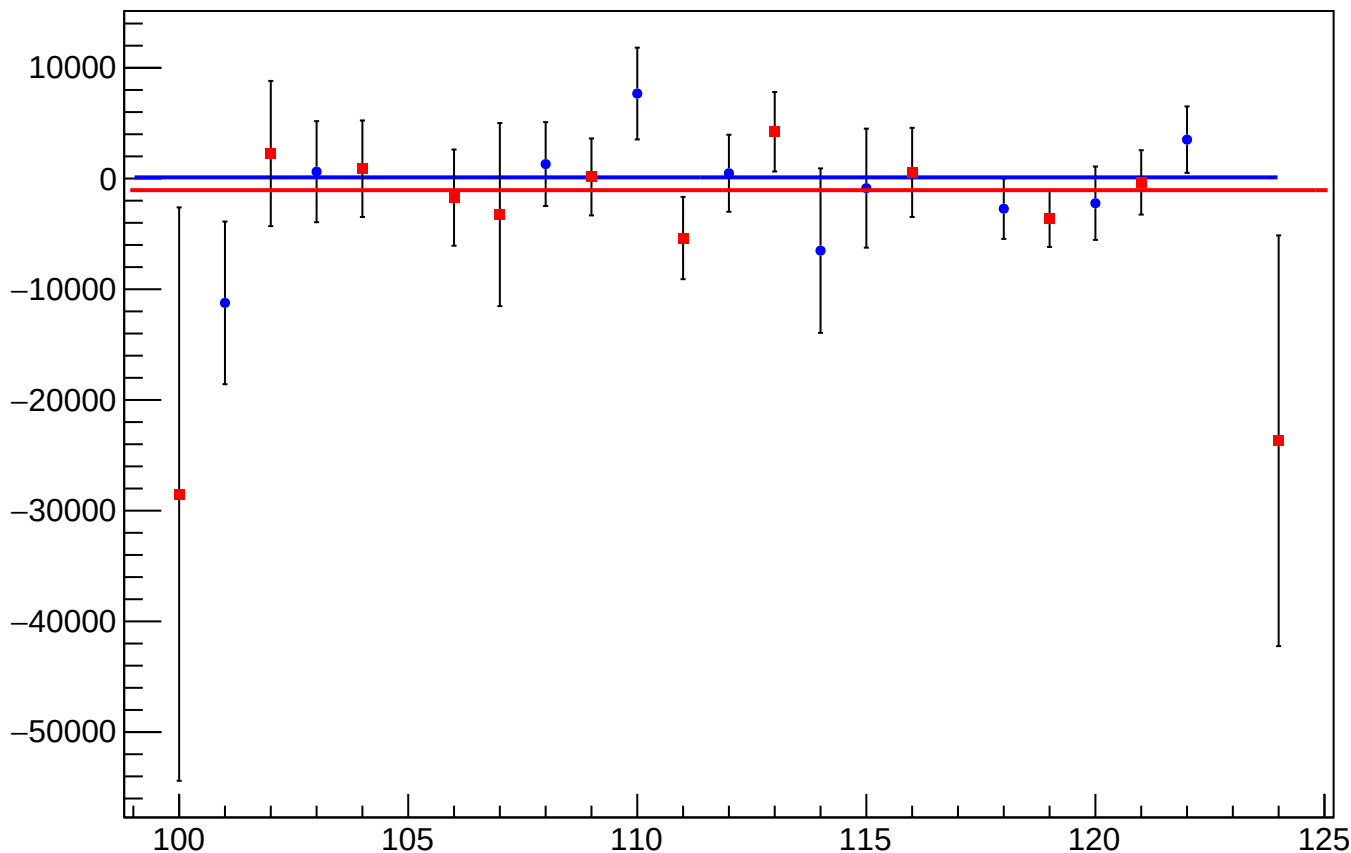
Right: 811.410+/-0.222 χ^2/NDF : 4140647.2/21

In: 798.019+/-0.311 χ^2/NDF :1586959.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 811.410+/-0.222 χ^2/NDF : 4140647.2/21

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 105.379+/-1224.626 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1050.841+/-1186.217 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

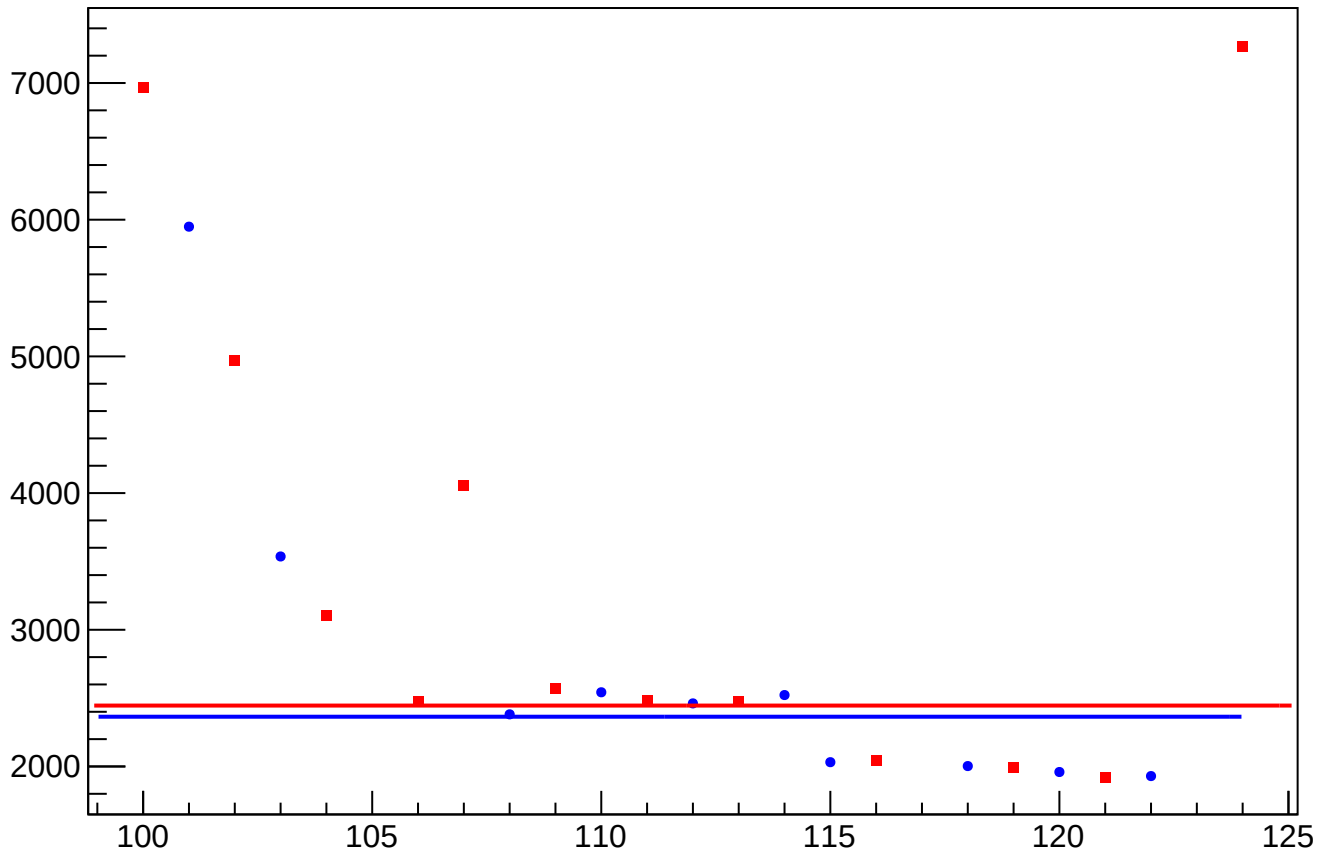
Right: -491.146+/-852.037 χ^2/NDF : 18.0/21

In: 105.379+/-1224.626 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -491.146+/-852.037 χ^2/NDF : 18.0/21

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2363.989+/-0.866 χ^2/NDF : 729142.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2445.528+/-0.839 χ^2/NDF : 762634.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

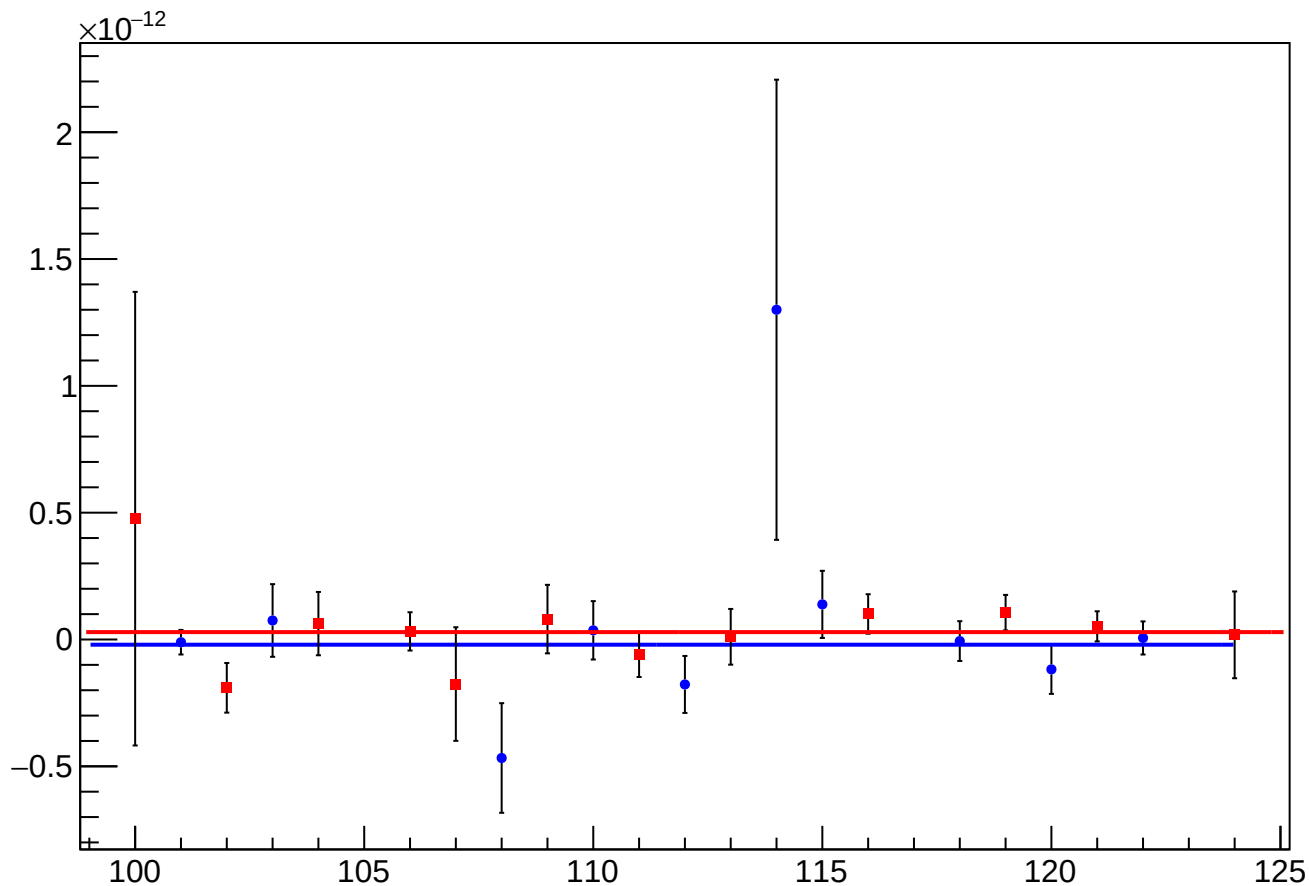
Right: 2406.058+/-0.602 χ^2/NDF : 1496351.7/21

In: 2363.989+/-0.866 χ^2/NDF : 729142.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2406.058+/-0.602 χ^2/NDF : 1496351.7/21

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

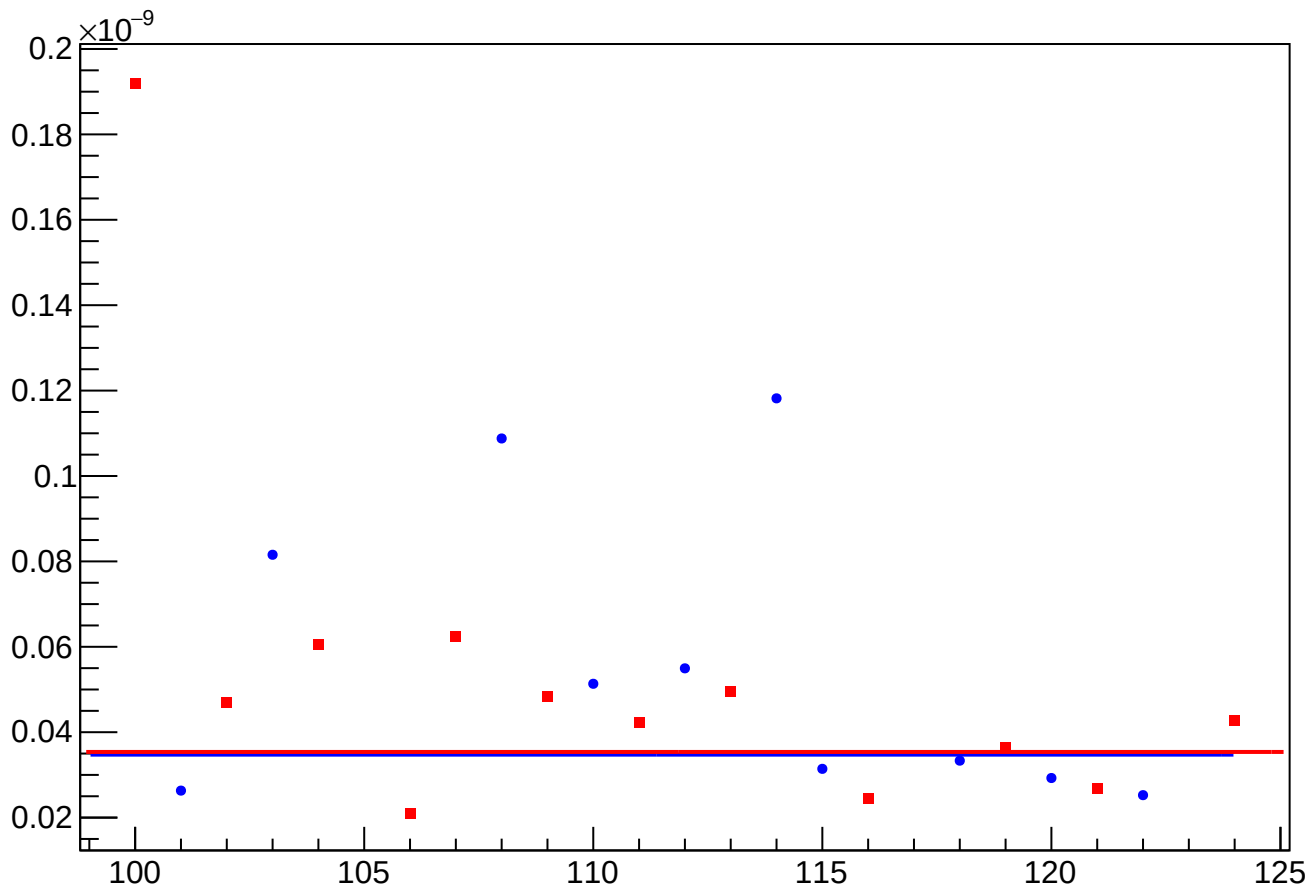
Right: 0.000+/-0.000 χ^2/NDF : 22.8/21

In: -0.000+/-0.000 χ^2/NDF : 11.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.8/21

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 682842.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 422876.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

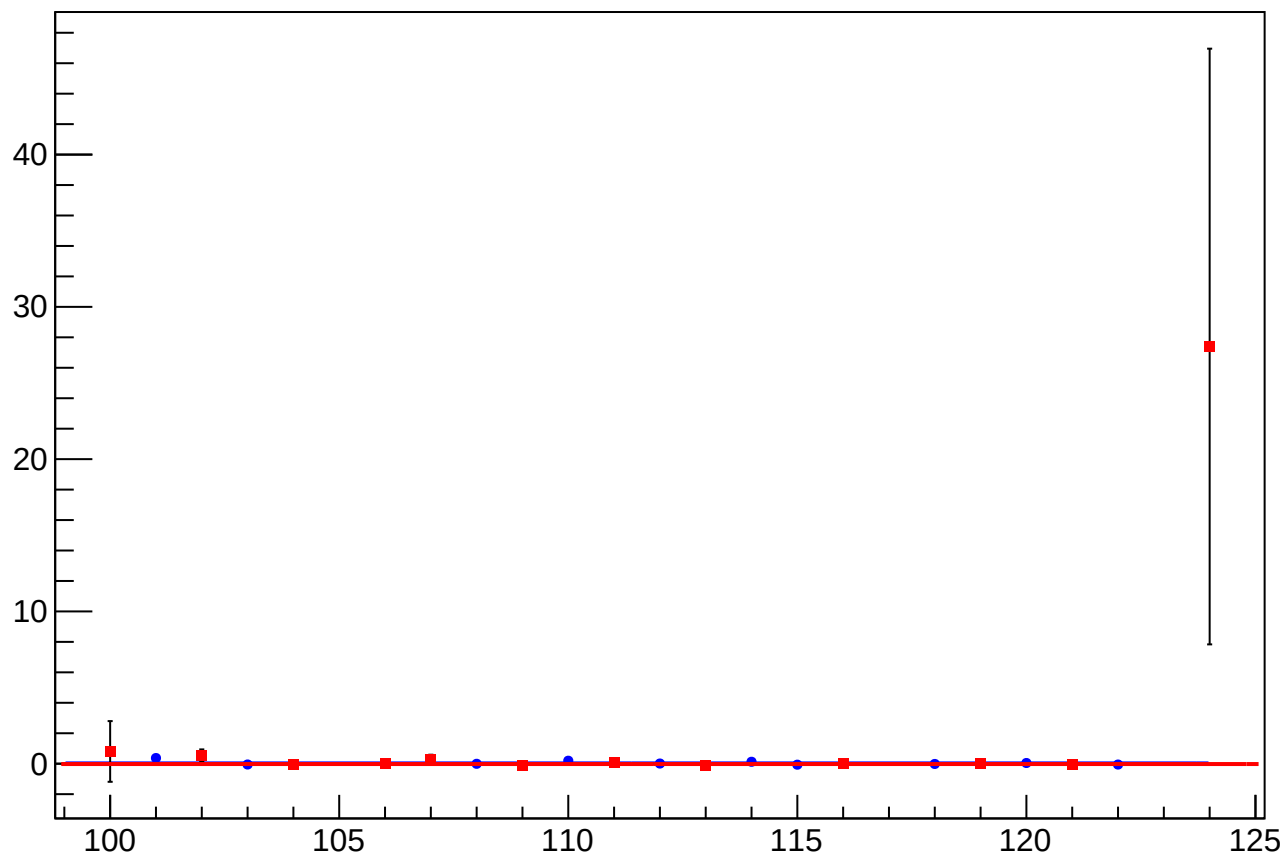
Right: 0.000+/-0.000 χ^2/NDF : 1106218.6/21

In: 0.000+/-0.000 χ^2/NDF : 682842.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1106218.6/21

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.023 χ^2/NDF : 13.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.024 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

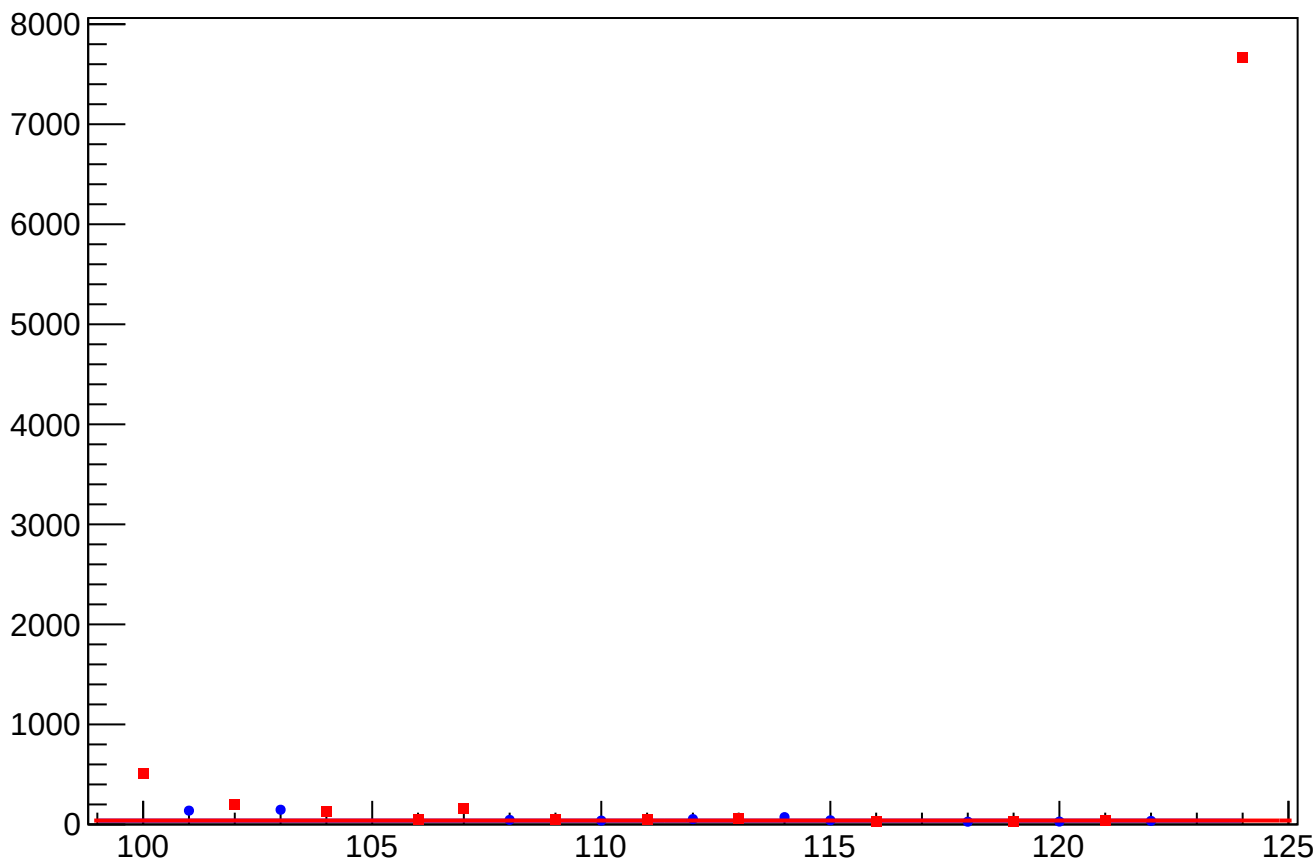
Right: -0.001+/-0.016 χ^2/NDF : 26.2/21

In: 0.019+/-0.023 χ^2/NDF : 13.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.016 χ^2/NDF : 26.2/21

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.057+/-0.016 χ^2/NDF : 1564473.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.099+/-0.017 χ^2/NDF : 1792524.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

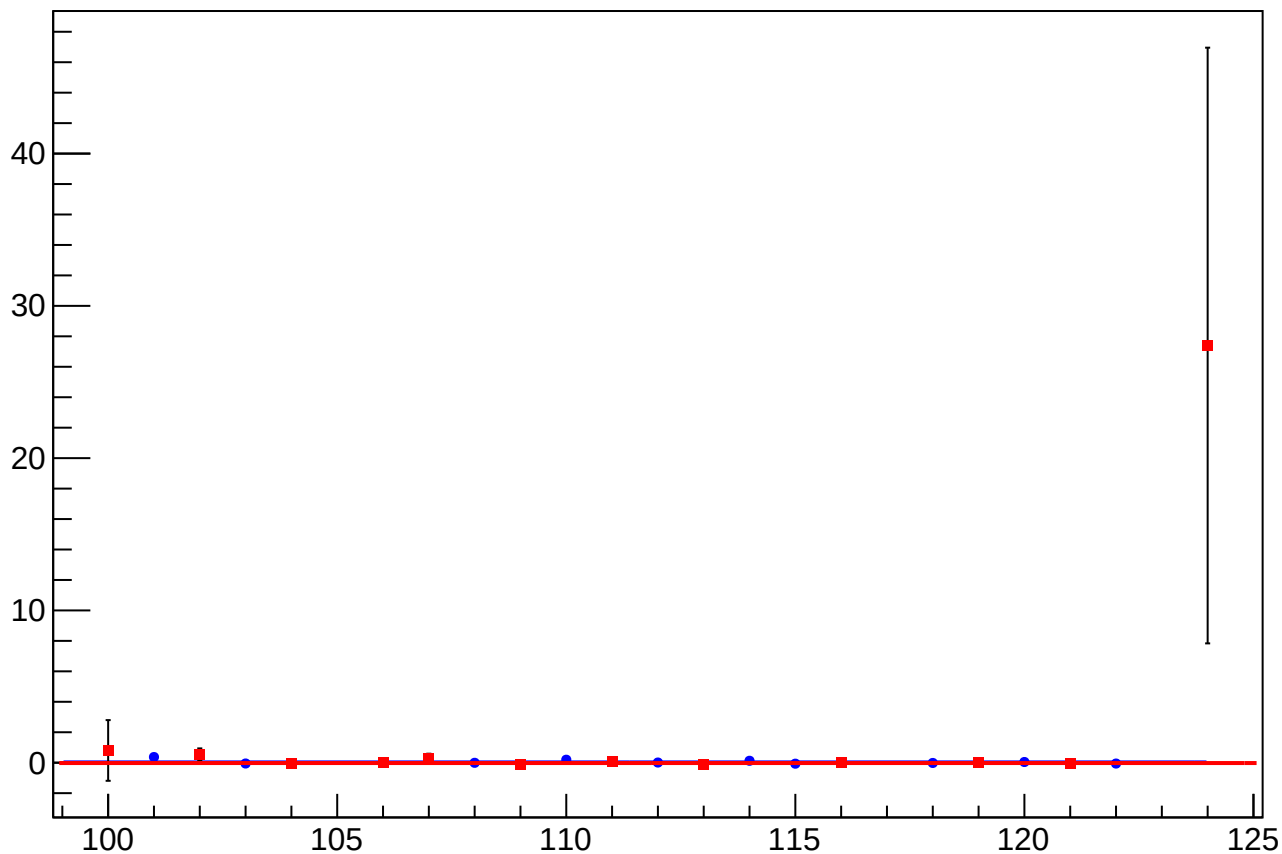
Right: 38.560+/-0.012 χ^2/NDF : 3359014.7/21

In: 38.057+/-0.016 χ^2/NDF : 1564473.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.560+/-0.012 χ^2/NDF : 3359014.7/21

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.023 χ^2/NDF : 13.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.024 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

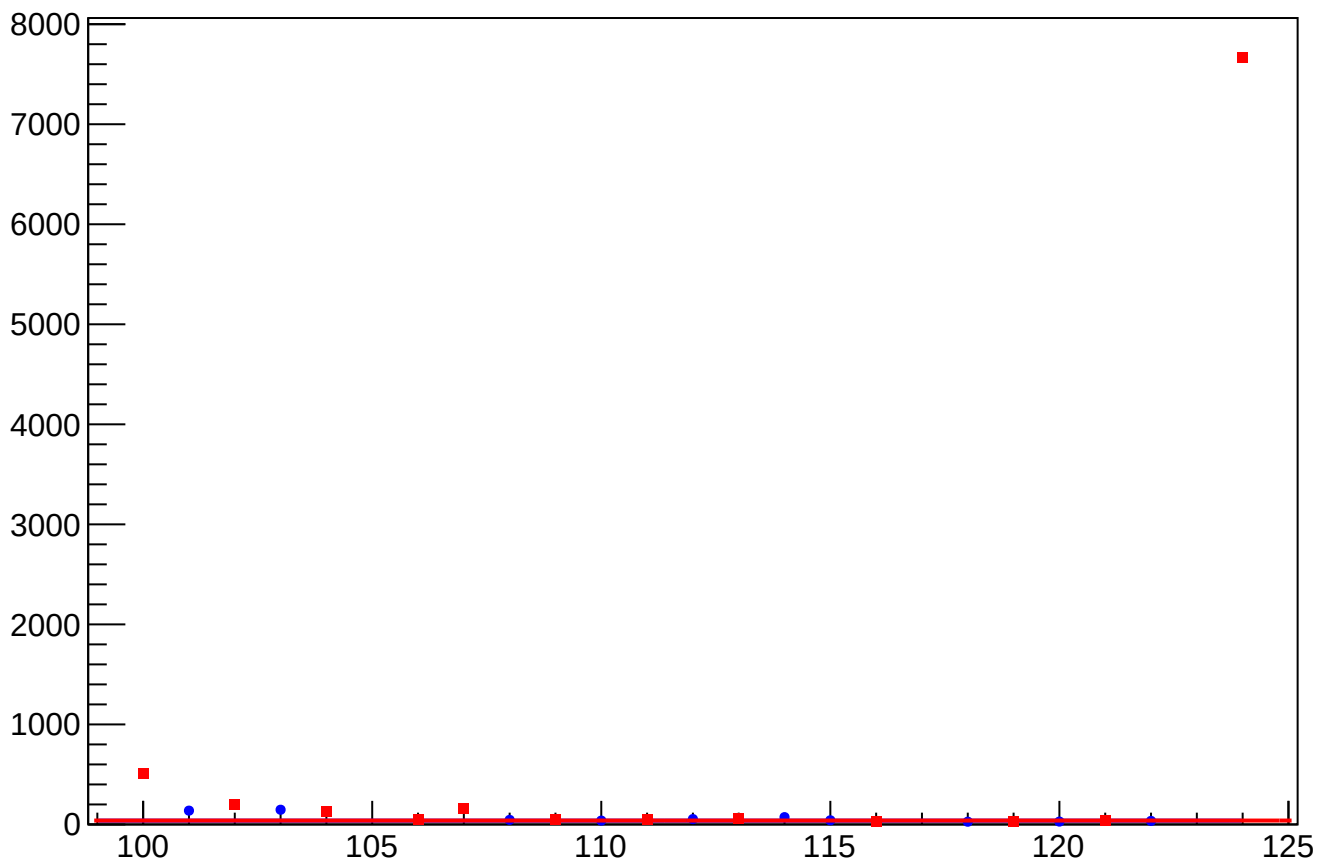
Right: -0.001+/-0.016 χ^2/NDF : 26.2/21

In: 0.019+/-0.023 χ^2/NDF : 13.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.016 χ^2/NDF : 26.2/21

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.057+/-0.016 χ^2/NDF : 1564473.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.099+/-0.017 χ^2/NDF : 1792524.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

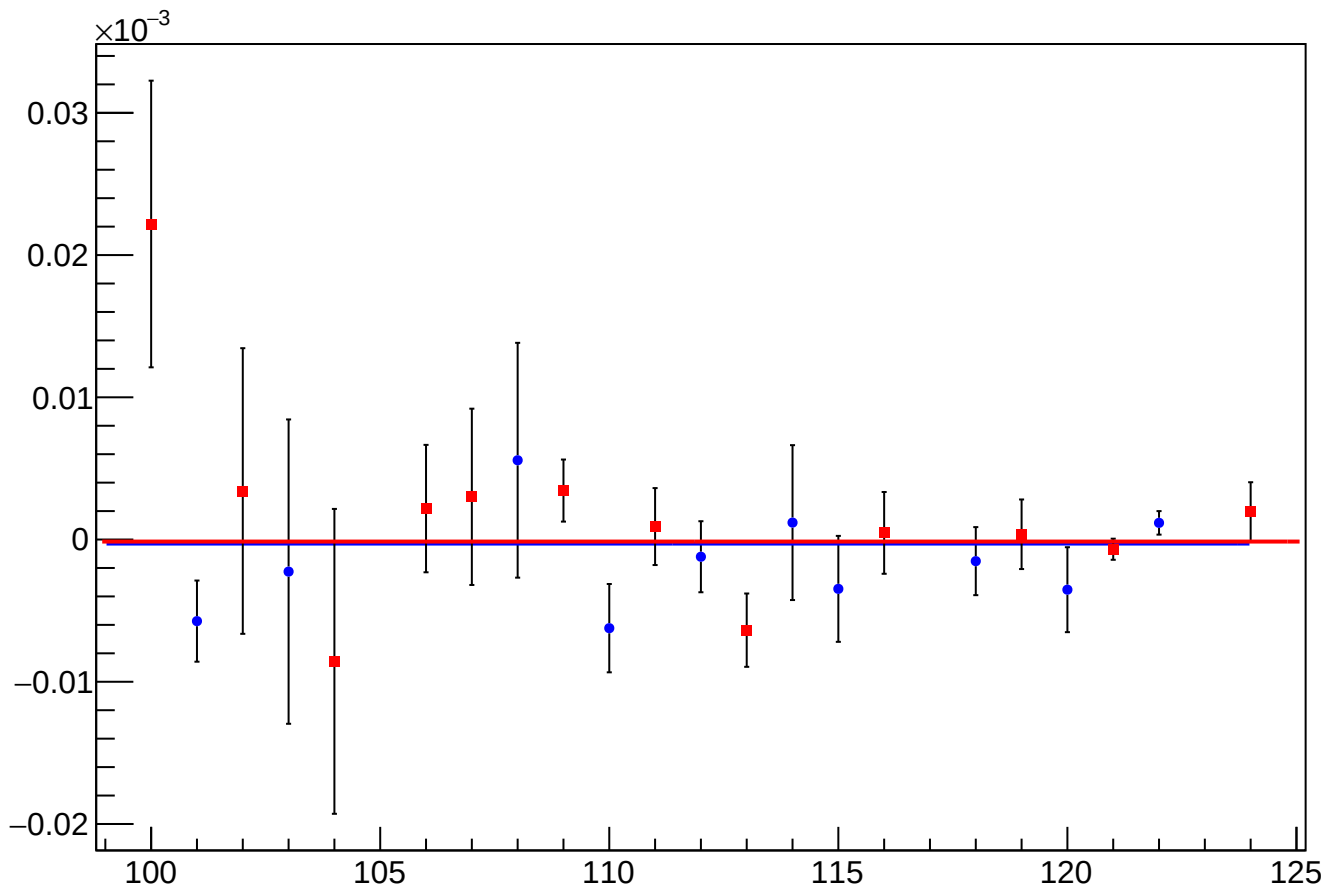
Right: 38.560+/-0.012 χ^2/NDF : 3359014.7/21

In: 38.057+/-0.016 χ^2/NDF : 1564473.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.560+/-0.012 χ^2/NDF : 3359014.7/21

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

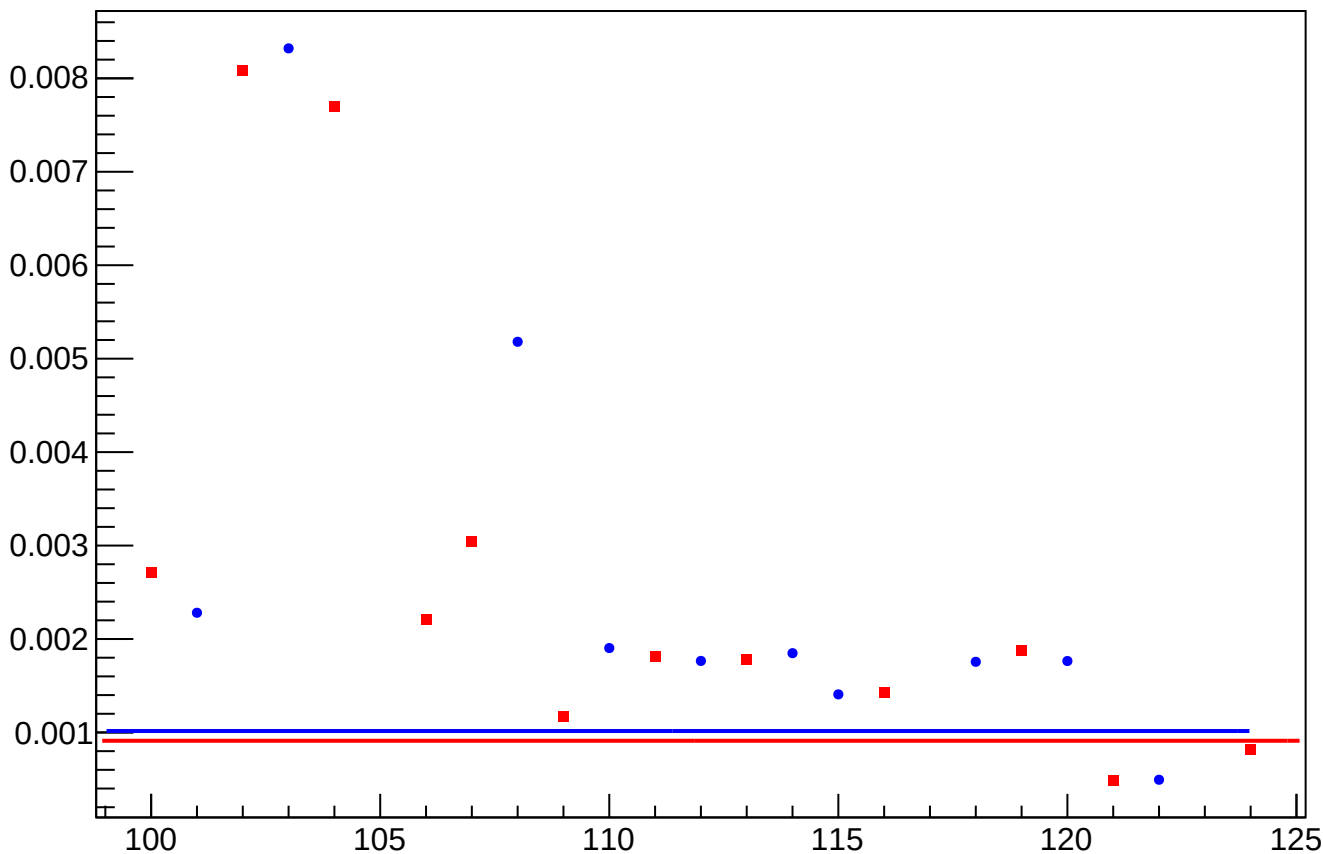
Right: -0.000+/-0.000 χ^2/NDF : 29.9/21

In: -0.000+/-0.000 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.9/21

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3360627.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3811753.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

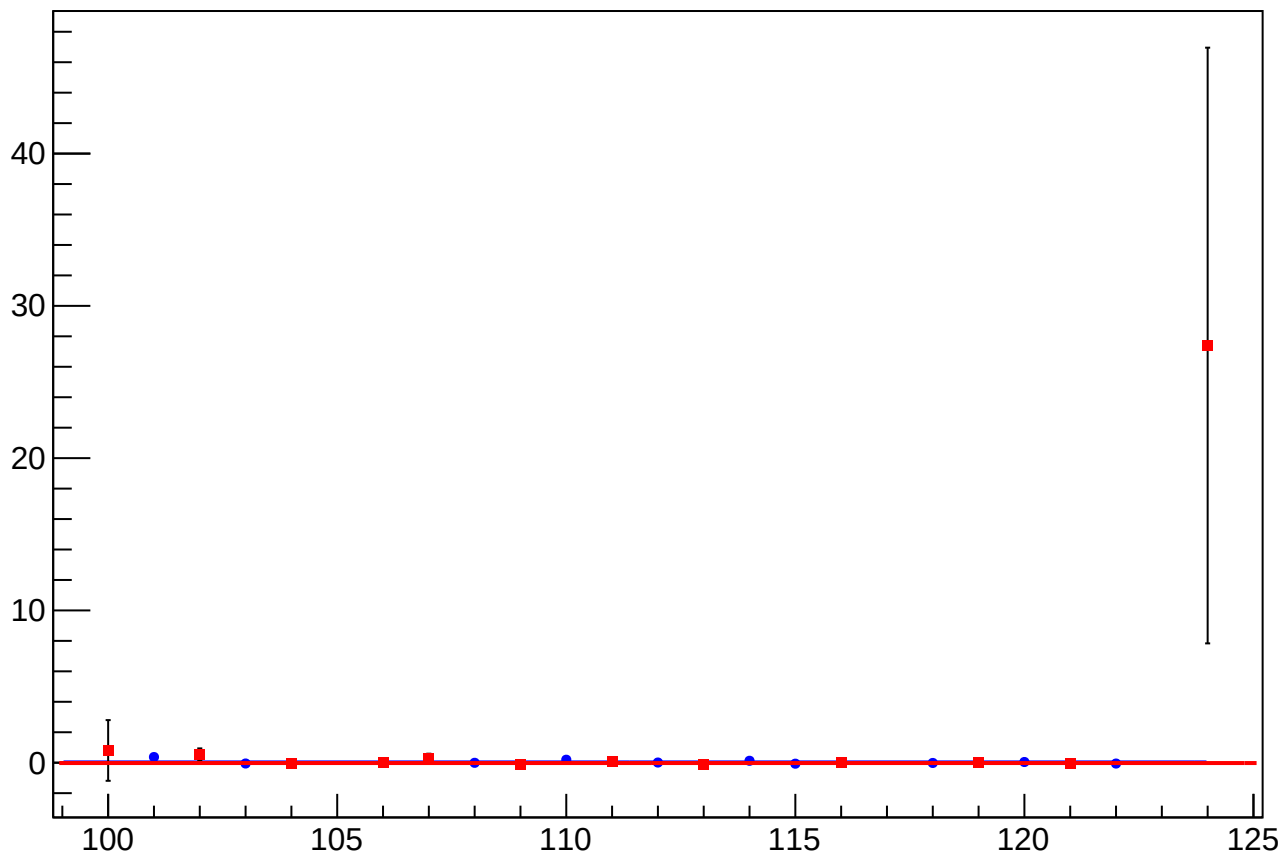
Right: 0.001+/-0.000 χ^2/NDF : 7200257.3/21

In: 0.001+/-0.000 χ^2/NDF :3360627.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7200257.3/21

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.023 χ^2/NDF : 13.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.024 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

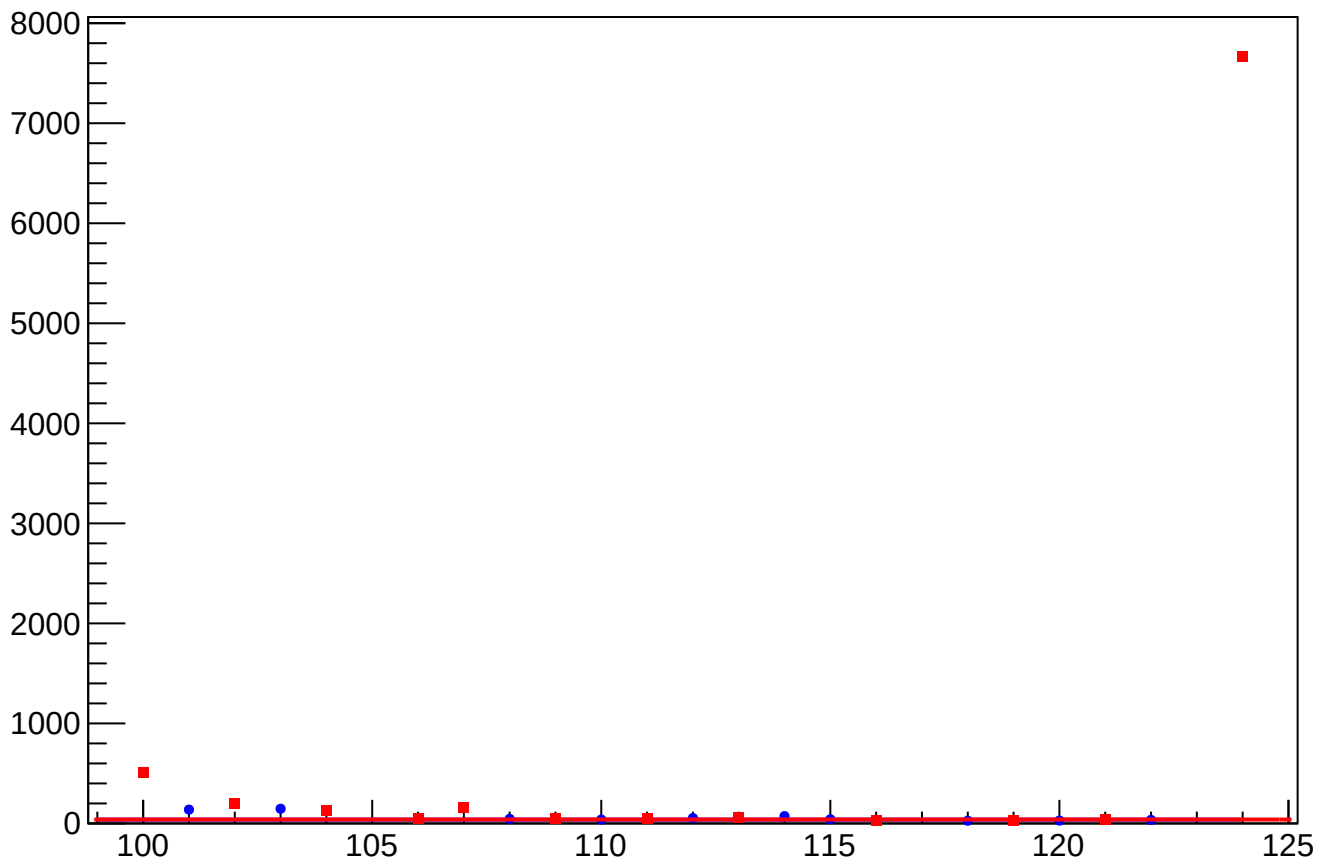
Right: -0.001+/-0.016 χ^2/NDF : 26.2/21

In: 0.019+/-0.023 χ^2/NDF : 13.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.016 χ^2/NDF : 26.2/21

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.057+/-0.016 χ^2/NDF : 1564443.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.098+/-0.017 χ^2/NDF : 1792508.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

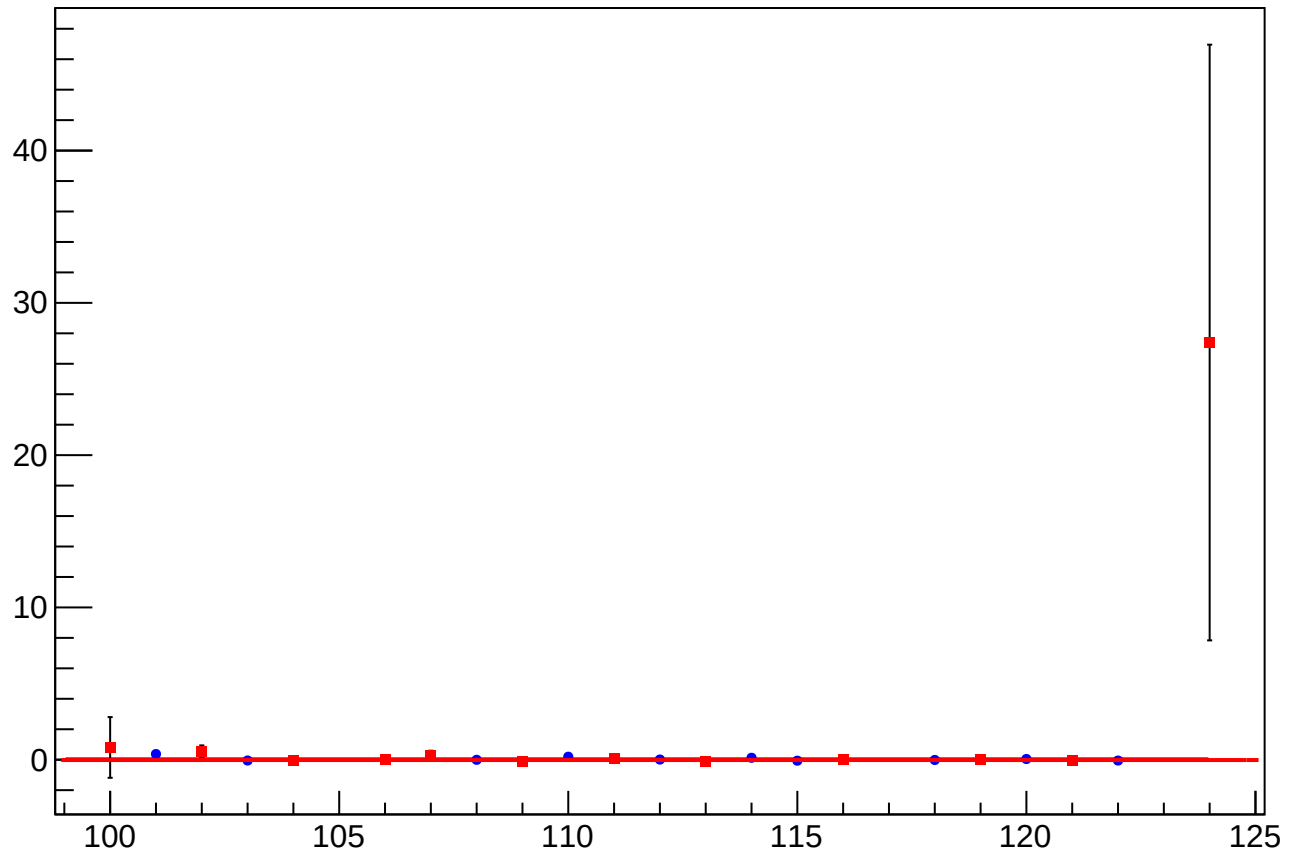
Right: 38.560+/-0.012 χ^2/NDF : 3358967.2/21

In: 38.057+/-0.016 χ^2/NDF : 1564443.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.560+/-0.012 χ^2/NDF : 3358967.2/21

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.023 χ^2 /NDF: 13.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.024 χ^2 /NDF: 11.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

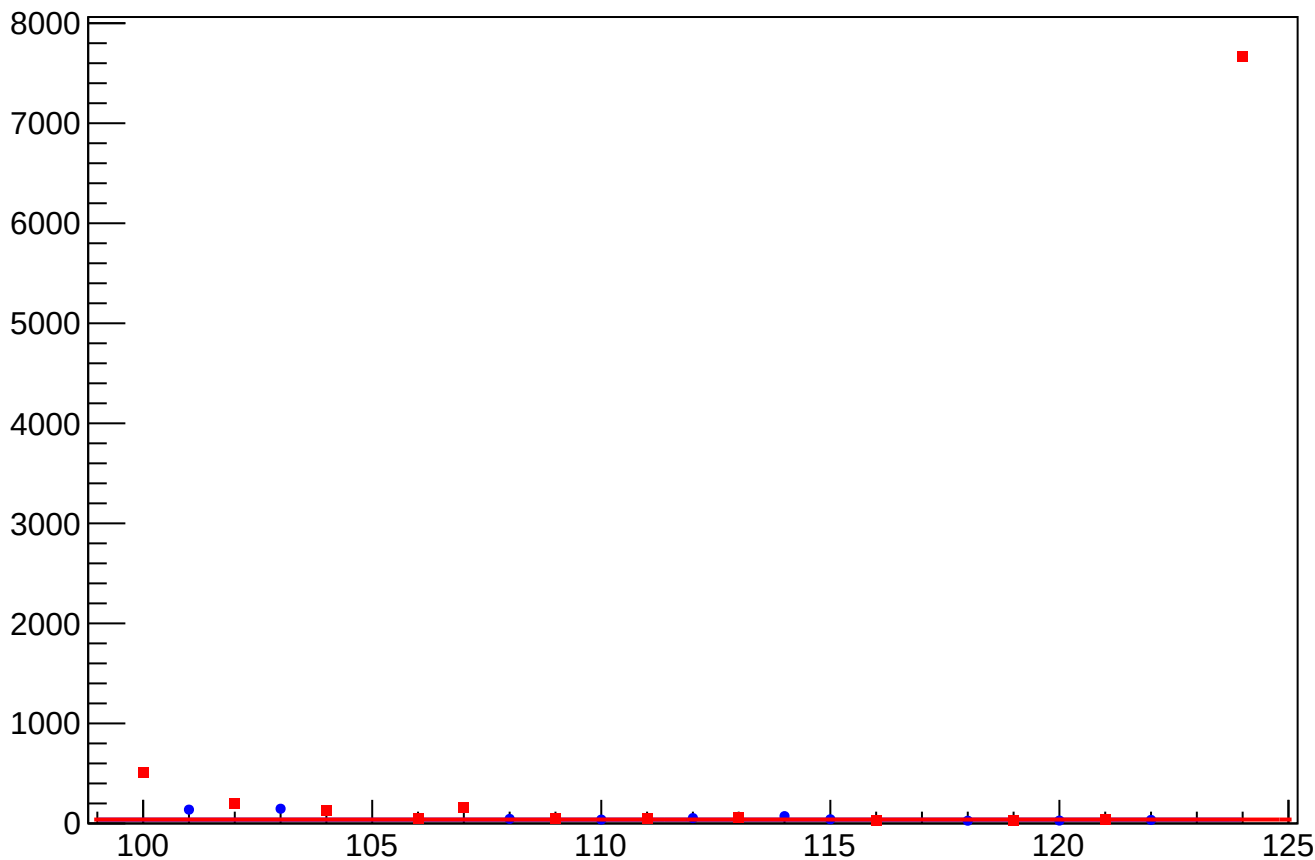
Right: -0.001 $\pm$ 0.016 χ^2 /NDF: 26.2/21

In: 0.019 $\pm$ 0.023 χ^2 /NDF:13.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 26.2/21

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.057+/-0.016 χ^2/NDF : 1564443.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.098+/-0.017 χ^2/NDF : 1792508.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

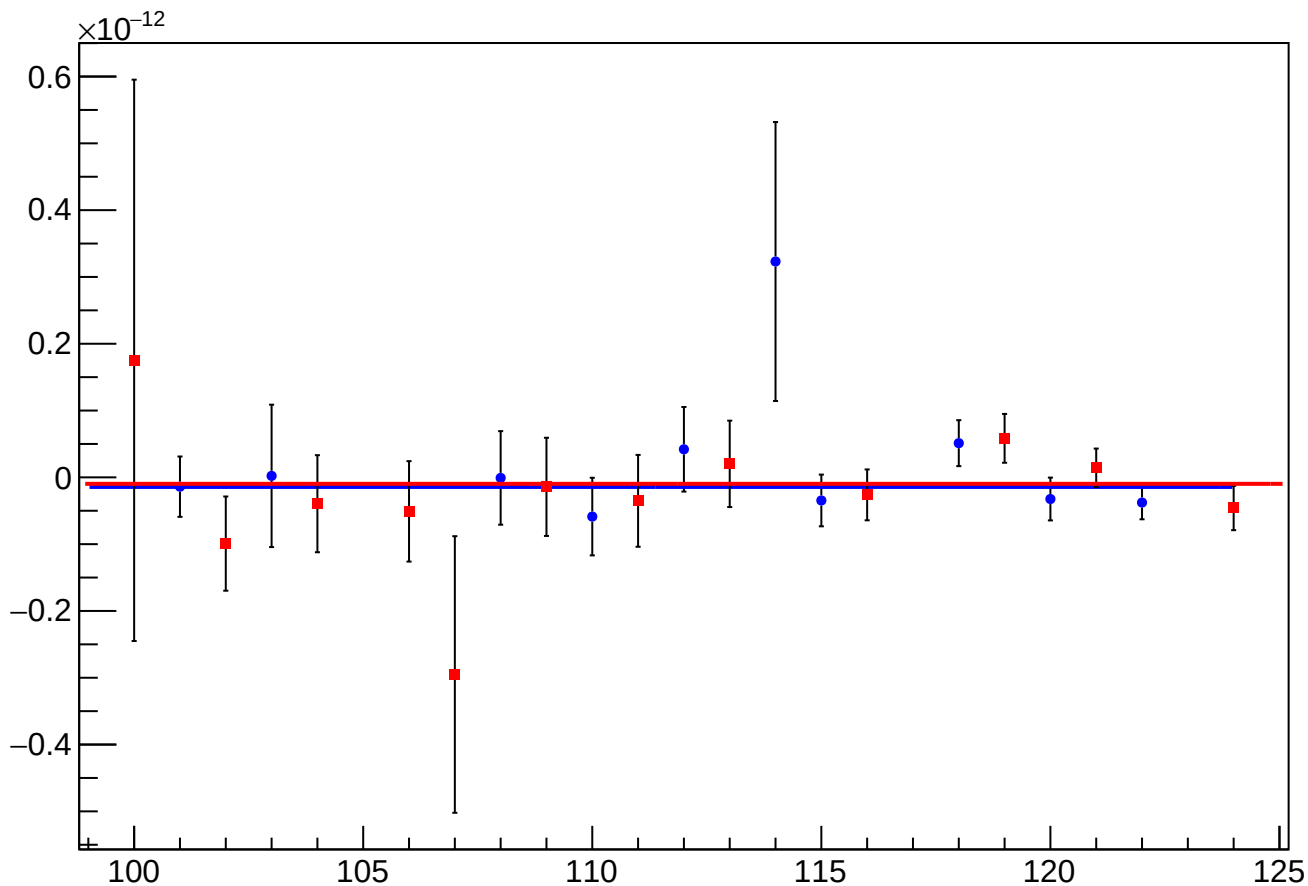
Right: 38.560+/-0.012 χ^2/NDF : 3358967.2/21

In: 38.057+/-0.016 χ^2/NDF : 1564443.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.560+/-0.012 χ^2/NDF : 3358967.2/21

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

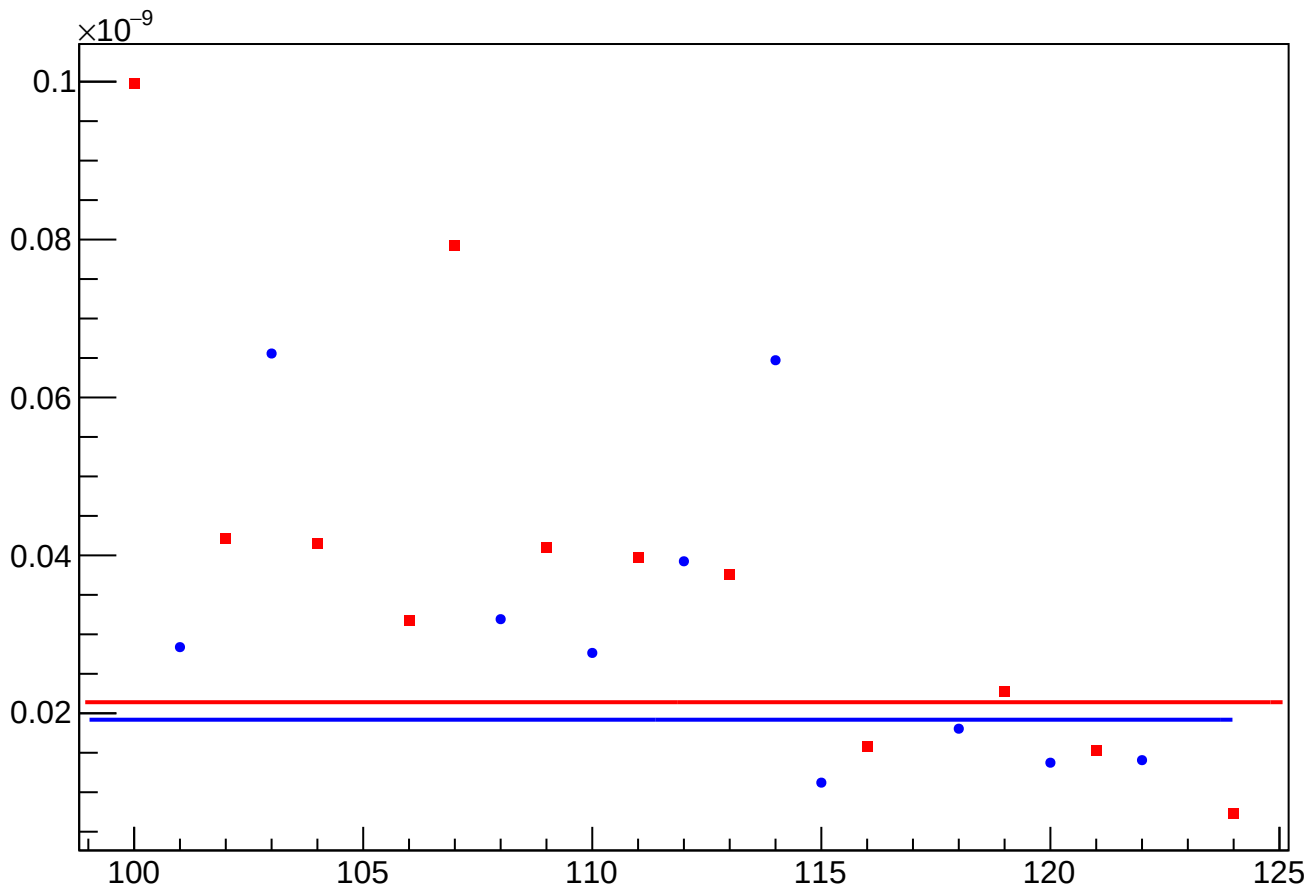
Right: -0.000+/-0.000 χ^2 /NDF: 19.3/21

In: -0.000+/-0.000 χ^2 /NDF:9.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.3/21

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1094369.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1493972.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

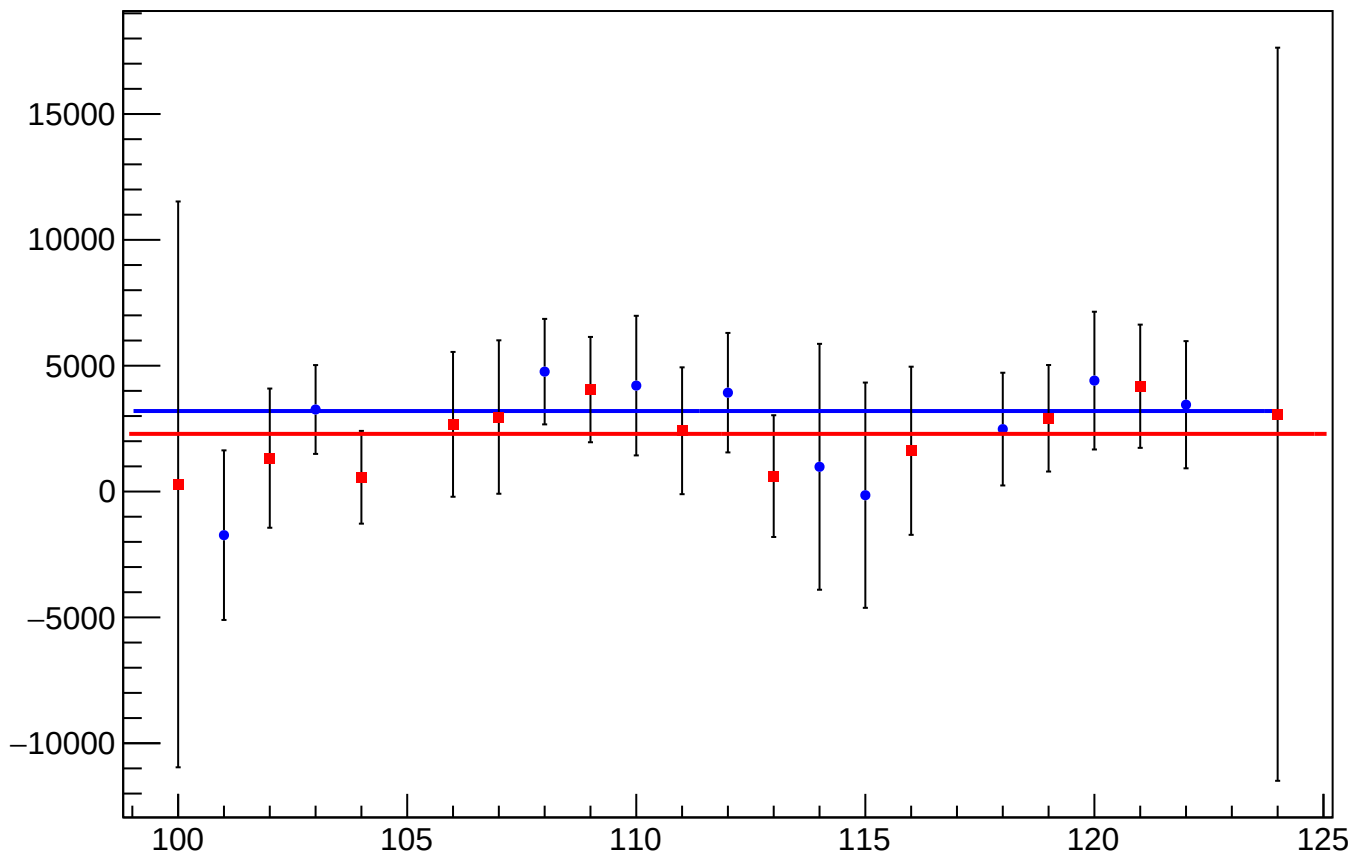
Right: 0.000+/-0.000 χ^2/NDF : 2613328.0/21

In: 0.000+/-0.000 χ^2/NDF : 1094369.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2613328.0/21

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3199.055+/-809.569 χ^2/NDF : 4.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2291.428+/-766.315 χ^2/NDF : 3.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

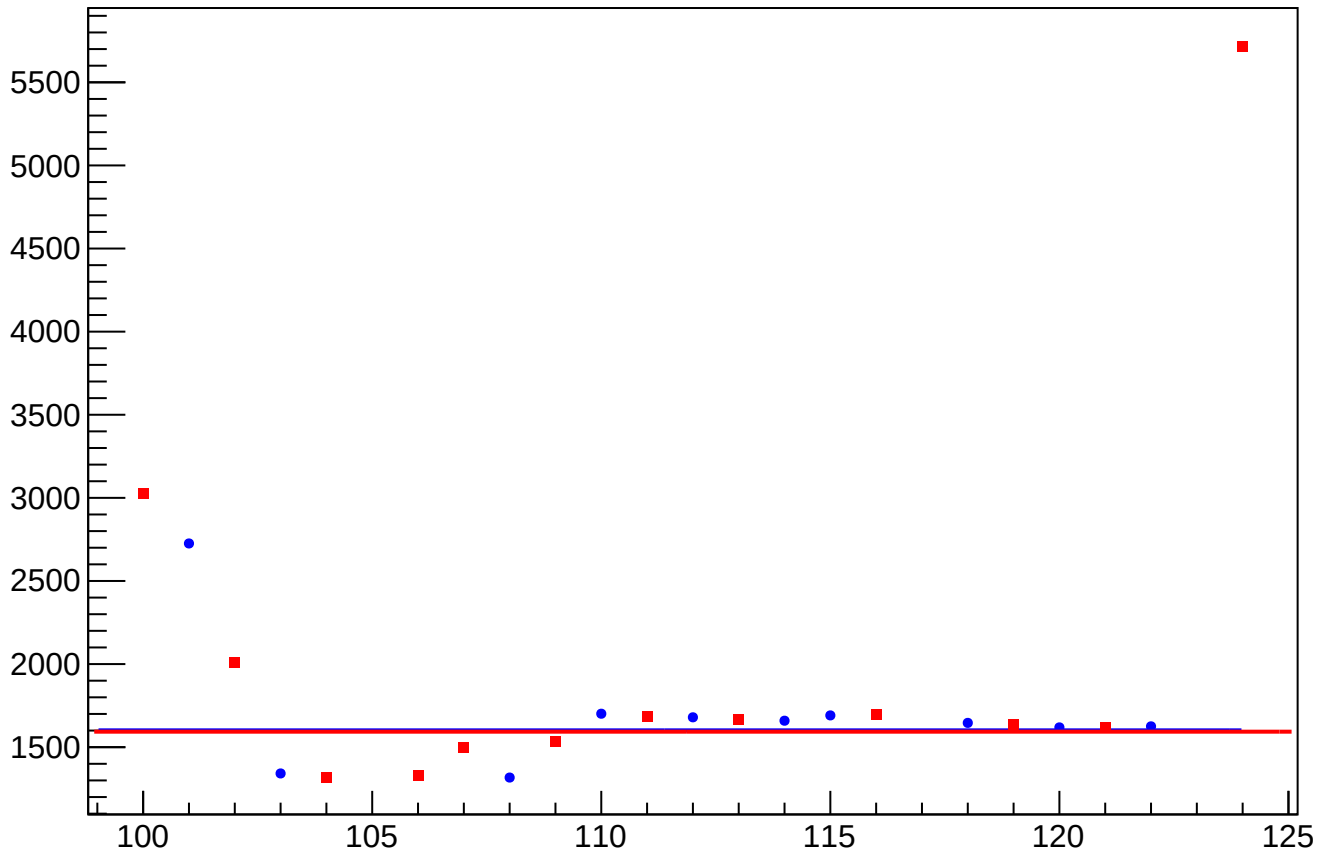
Right: 2720.348+/-556.530 χ^2/NDF : 7.7/21

In: 3199.055+/-809.569 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2720.348+/-556.530 χ^2/NDF : 7.7/21

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1601.321+/-0.572 χ^2/NDF : 309613.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.290+/-0.542 χ^2/NDF : 309838.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

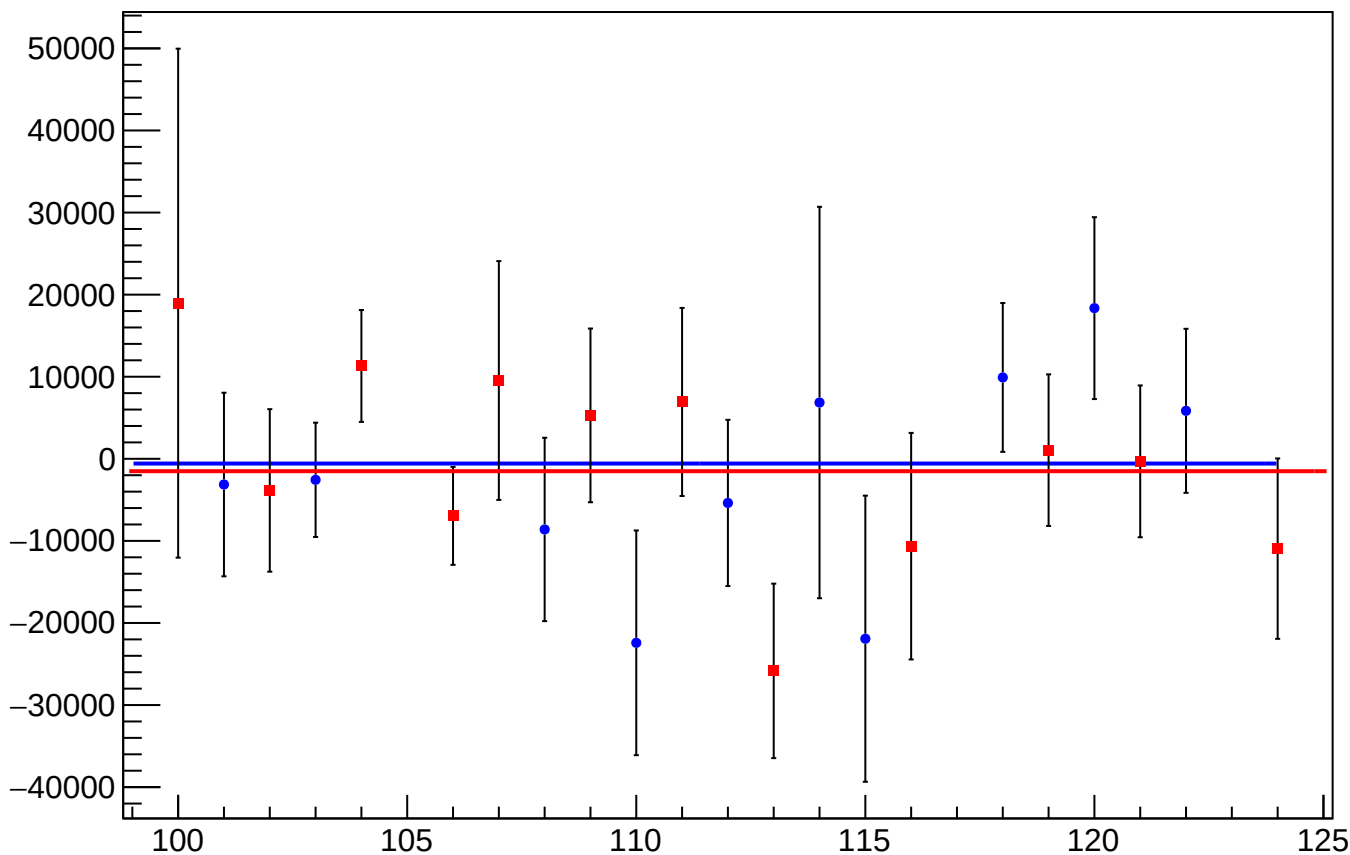
Right: 1597.085+/-0.394 χ^2/NDF : 619555.8/21

In: 1601.321+/-0.572 χ^2/NDF : 309613.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.085+/-0.394 χ^2/NDF : 619555.8/21

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -577.958+/-3388.422 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1508.129+/-2795.610 χ^2/NDF : 12.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

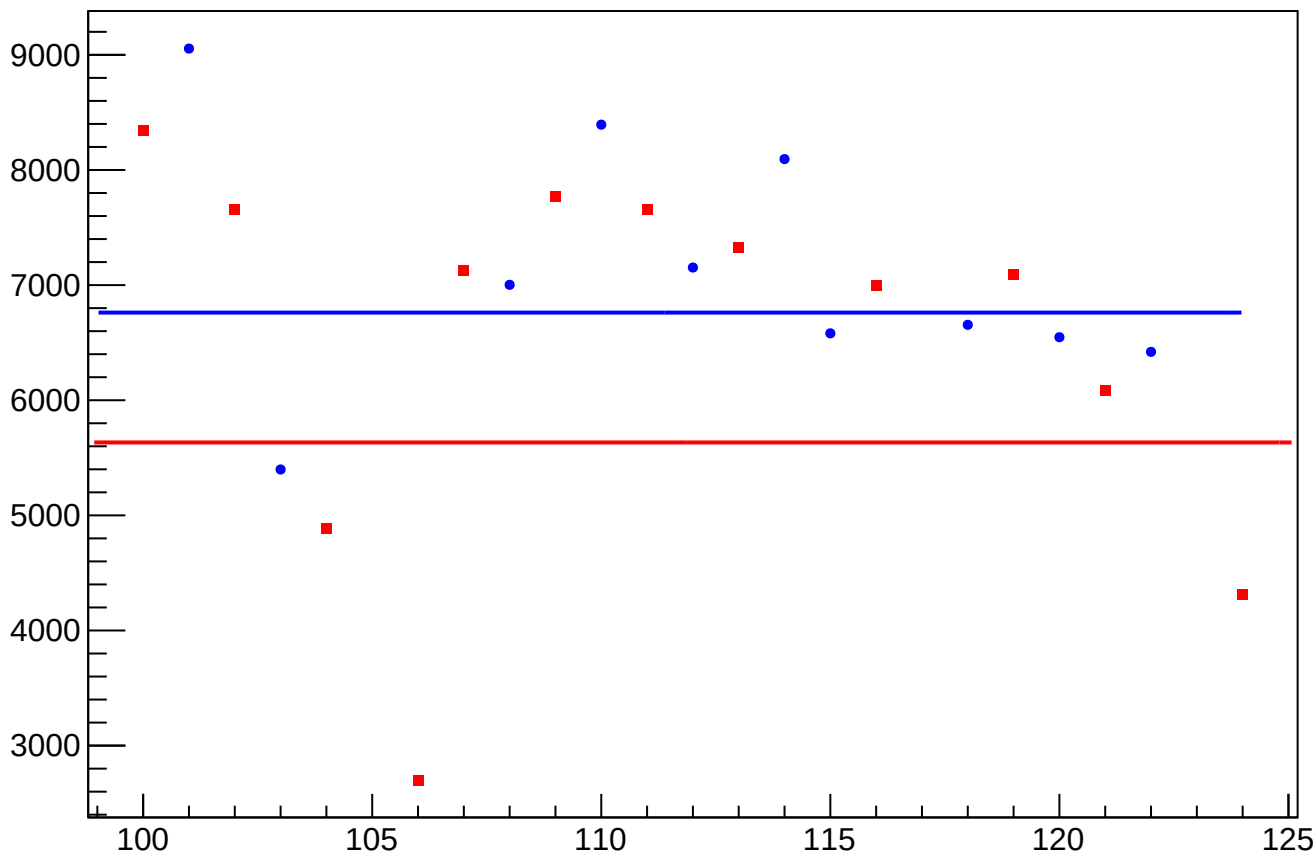
Right: -1131.399+/-2156.408 χ^2/NDF : 22.6/21

In: -577.958+/-3388.422 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1131.399+/-2156.408 χ^2/NDF : 22.6/21

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6761.374+/-2.396 χ^2/NDF : 202885.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5633.472+/-1.977 χ^2/NDF : 925915.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

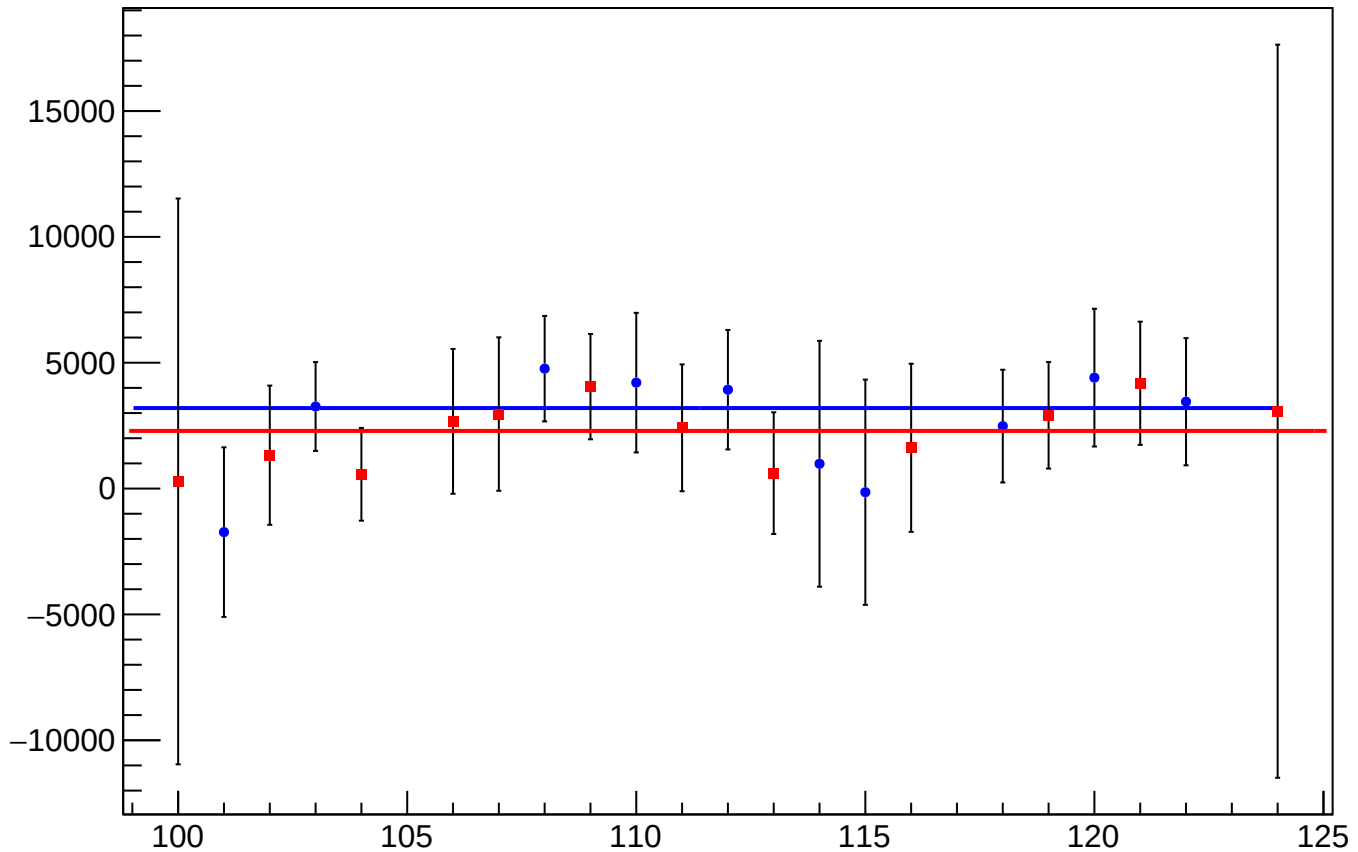
Right: 6090.285+/-1.525 χ^2/NDF : 1260652.9/21

In: 6761.374+/-2.396 χ^2/NDF :202885.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6090.285+/-1.525 χ^2/NDF : 1260652.9/21

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3199.307 $\pm$ 809.569 χ^2 /NDF: 4.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2291.177 $\pm$ 766.315 χ^2 /NDF: 3.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

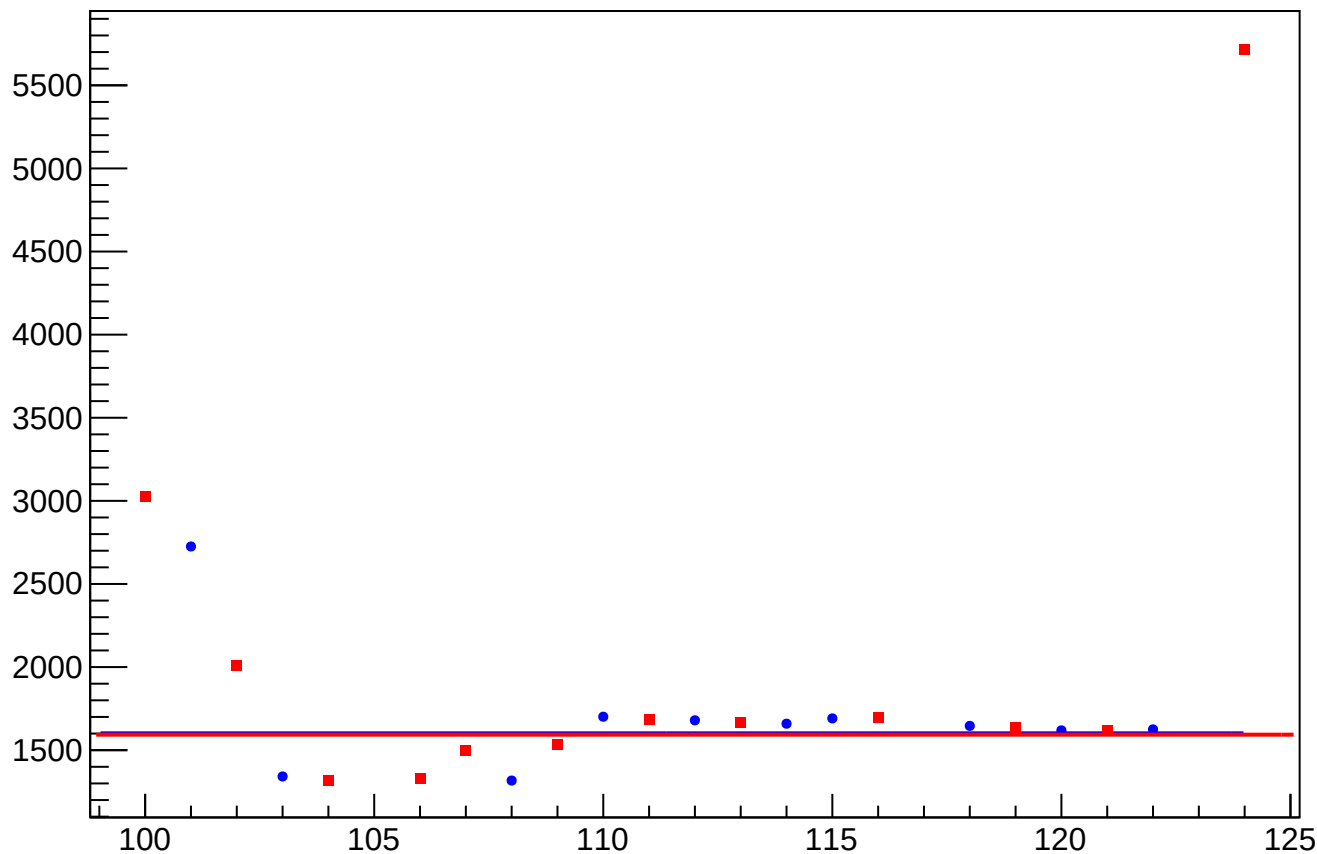
Right: 2720.335 $\pm$ 556.530 χ^2 /NDF: 7.7/21

In: 3199.307 $\pm$ 809.569 χ^2 /NDF:4.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2720.335 $\pm$ 556.530 χ^2 /NDF: 7.7/21

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1601.321+/-0.572 χ^2/NDF : 309613.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.289+/-0.542 χ^2/NDF : 309838.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

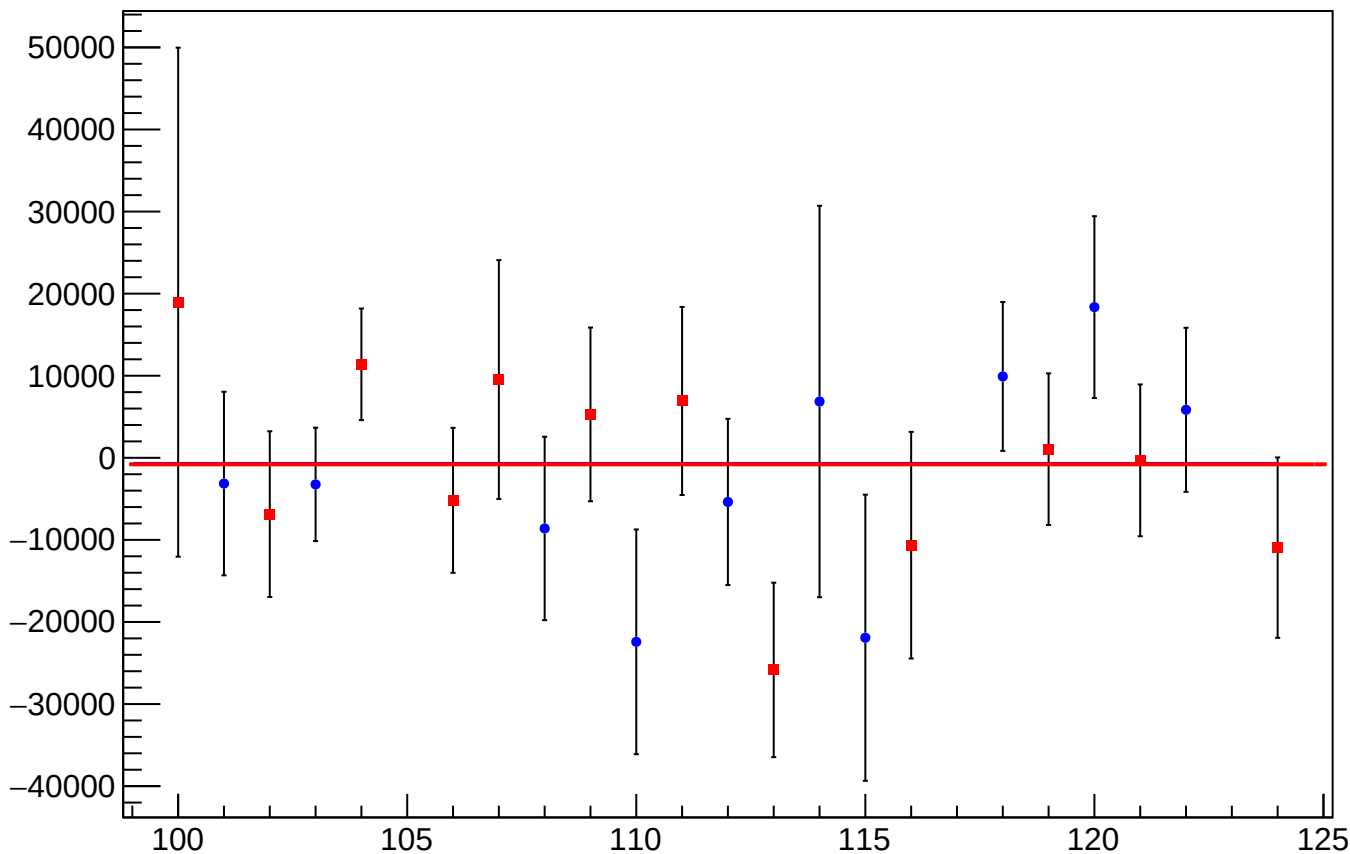
Right: 1597.085+/-0.394 χ^2/NDF : 619555.8/21

In: 1601.321+/-0.572 χ^2/NDF : 309613.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.085+/-0.394 χ^2/NDF : 619555.8/21

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -748.930+/-3381.528 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -791.964+/-2982.699 χ^2/NDF : 12.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

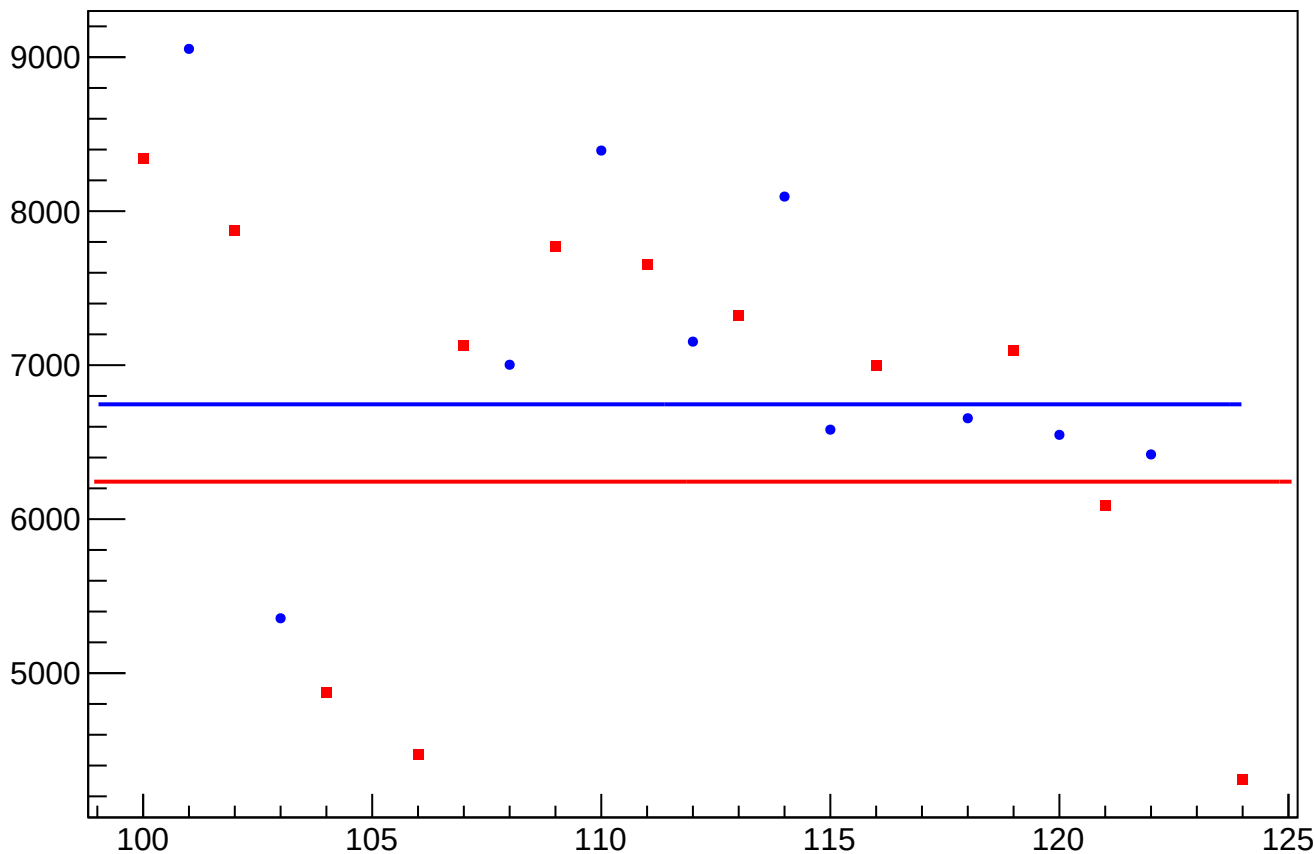
Right: -773.133+/-2236.870 χ^2/NDF : 22.2/21

In: -748.930+/-3381.528 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -773.133+/-2236.870 χ^2/NDF : 22.2/21

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6745.659+/-2.391 χ^2/NDF : 209025.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6243.432+/-2.109 χ^2/NDF : 409063.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

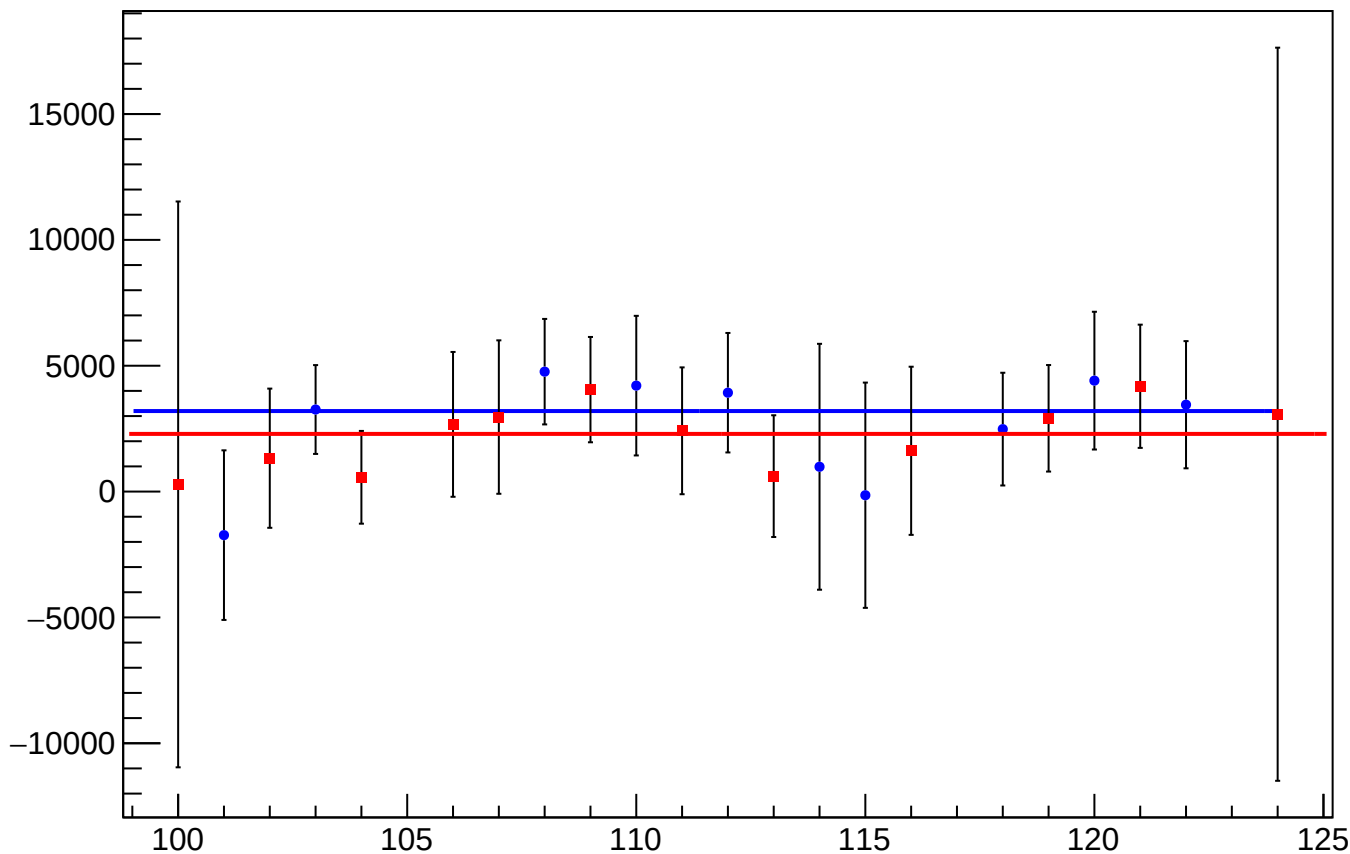
Right: 6463.196+/-1.582 χ^2/NDF : 642901.3/21

In: 6745.659+/-2.391 χ^2/NDF : 209025.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6463.196+/-1.582 χ^2/NDF : 642901.3/21

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3199.307+/-809.569 χ^2/NDF : 4.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2291.177+/-766.315 χ^2/NDF : 3.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

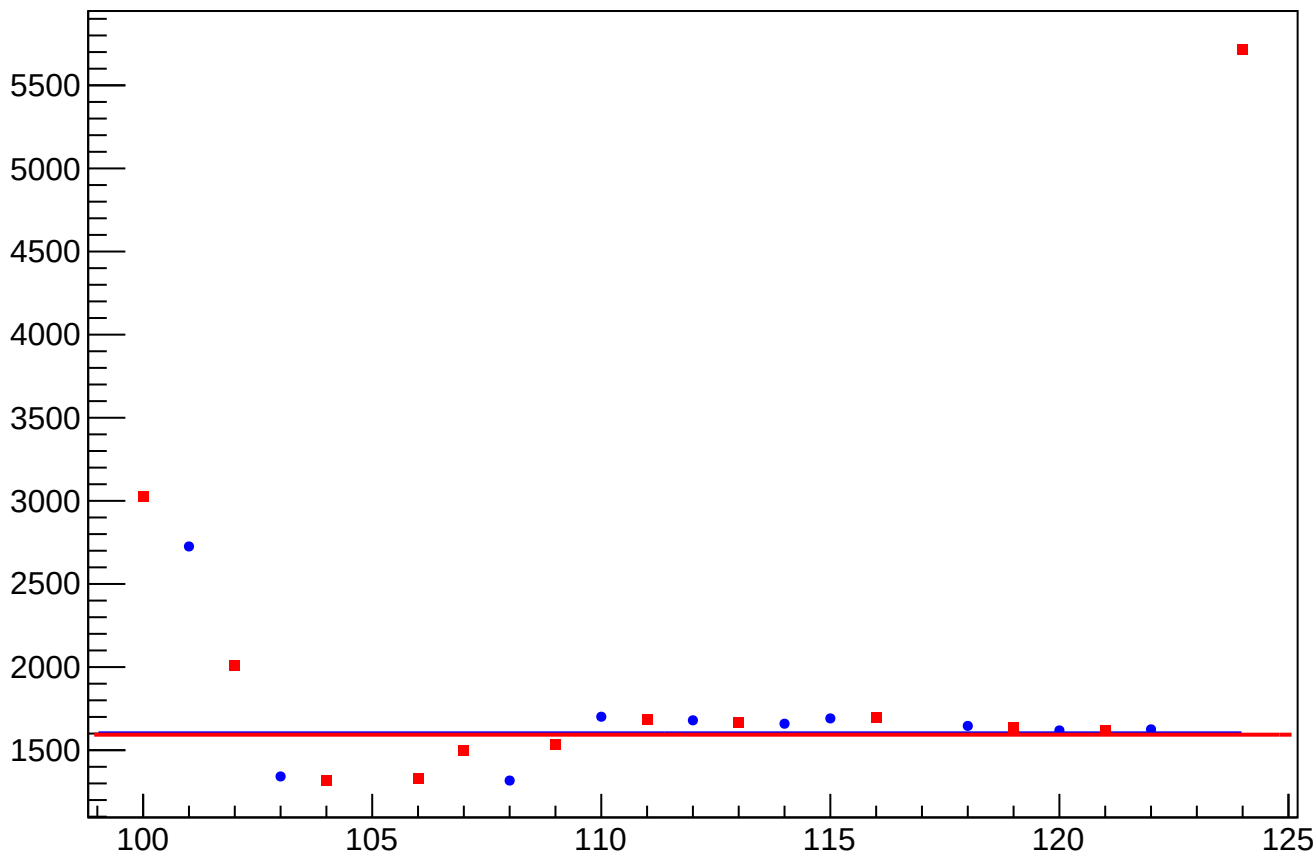
Right: 2720.335+/-556.530 χ^2/NDF : 7.7/21

In: 3199.307+/-809.569 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2720.335+/-556.530 χ^2/NDF : 7.7/21

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1601.321+/-0.572 χ^2/NDF : 309613.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.289+/-0.542 χ^2/NDF : 309838.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

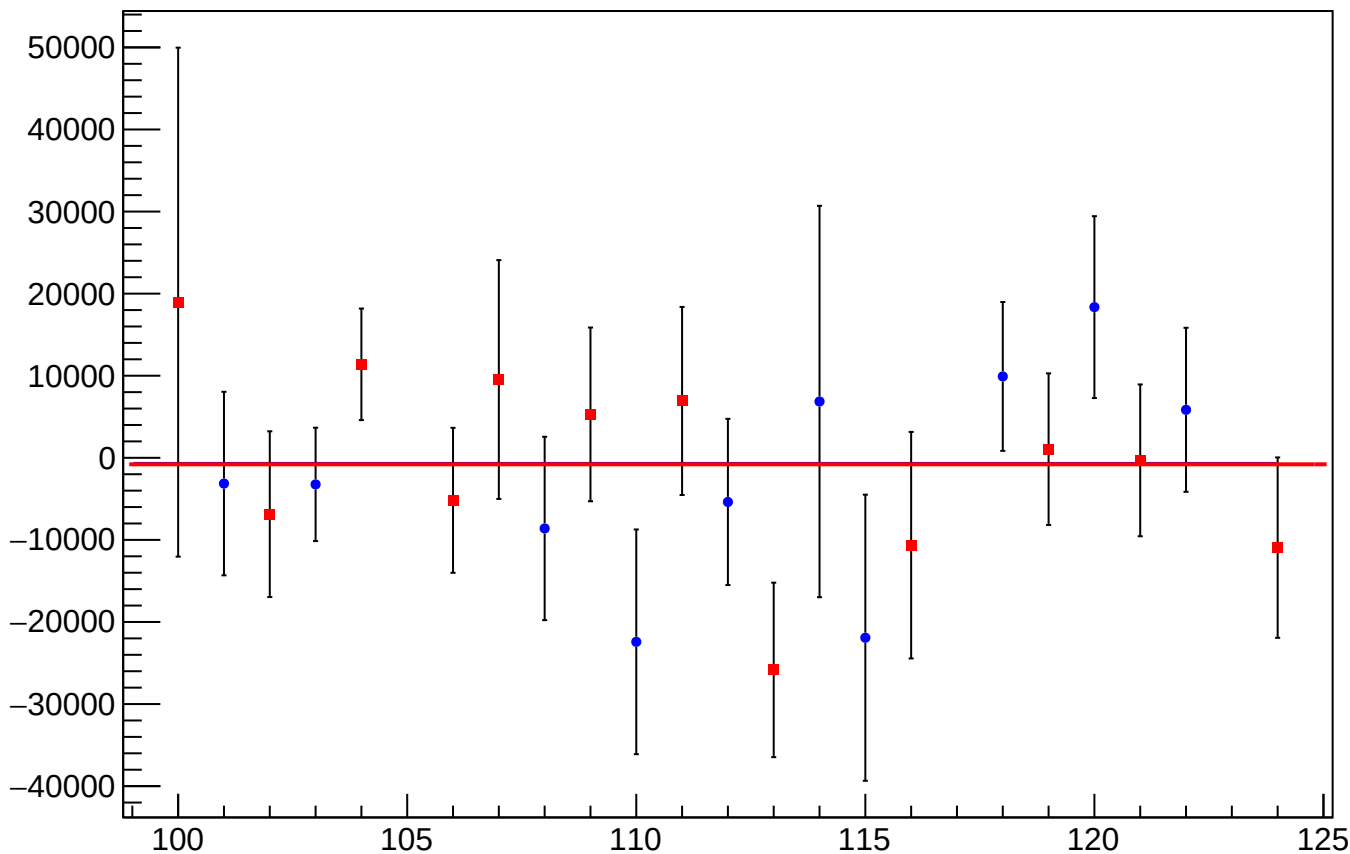
Right: 1597.085+/-0.394 χ^2/NDF : 619555.8/21

In: 1601.321+/-0.572 χ^2/NDF : 309613.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.085+/-0.394 χ^2/NDF : 619555.8/21

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -748.930+/-3381.528 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -791.964+/-2982.699 χ^2/NDF : 12.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

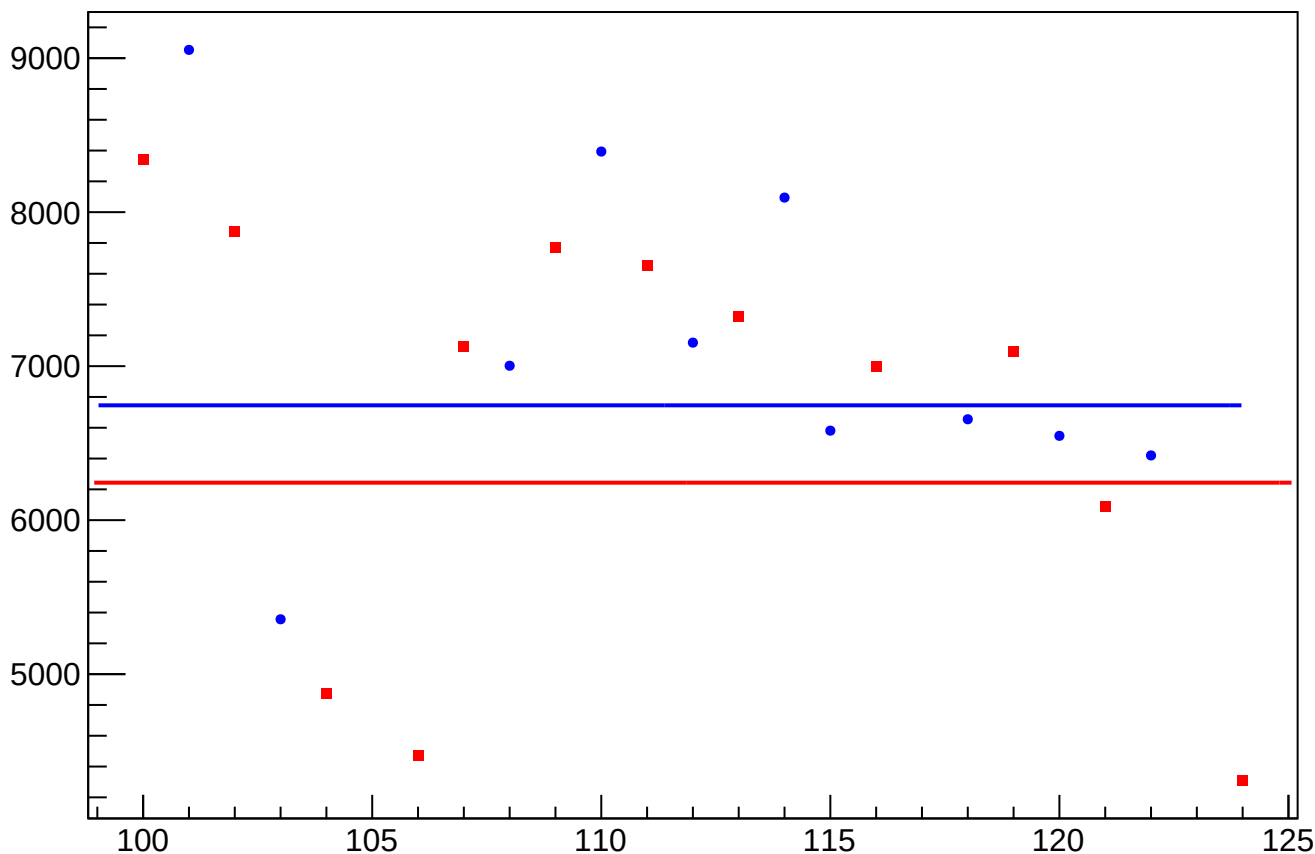
Right: -773.133+/-2236.870 χ^2/NDF : 22.2/21

In: -748.930+/-3381.528 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -773.133+/-2236.870 χ^2/NDF : 22.2/21

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6745.659+/-2.391 χ^2/NDF : 209025.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6243.432+/-2.109 χ^2/NDF : 409063.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

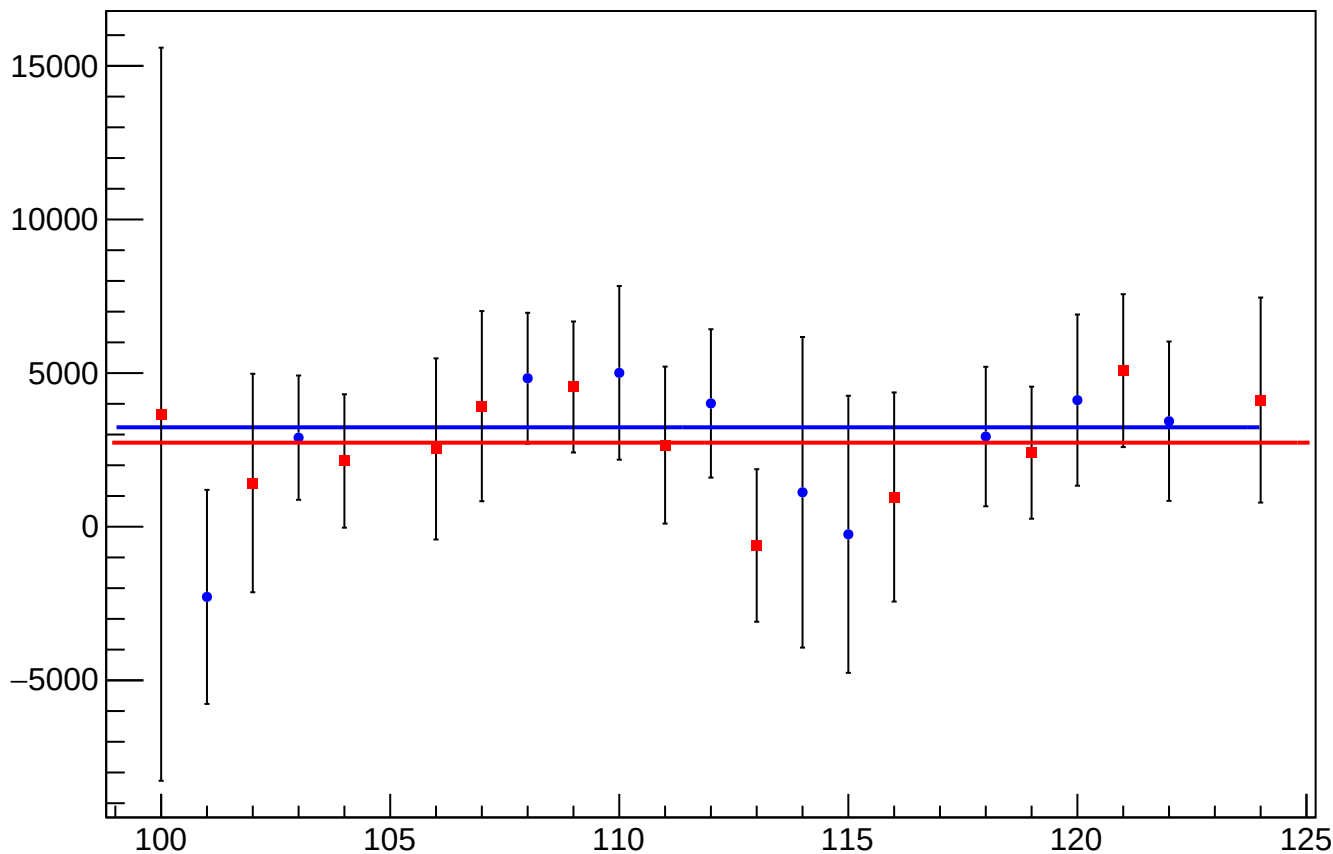
Right: 6463.196+/-1.582 χ^2/NDF : 642901.3/21

In: 6745.659+/-2.391 χ^2/NDF : 209025.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6463.196+/-1.582 χ^2/NDF : 642901.3/21

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3236.068 $\pm$ 844.083 χ^2 /NDF: 4.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2735.877 $\pm$ 788.799 χ^2 /NDF: 4.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

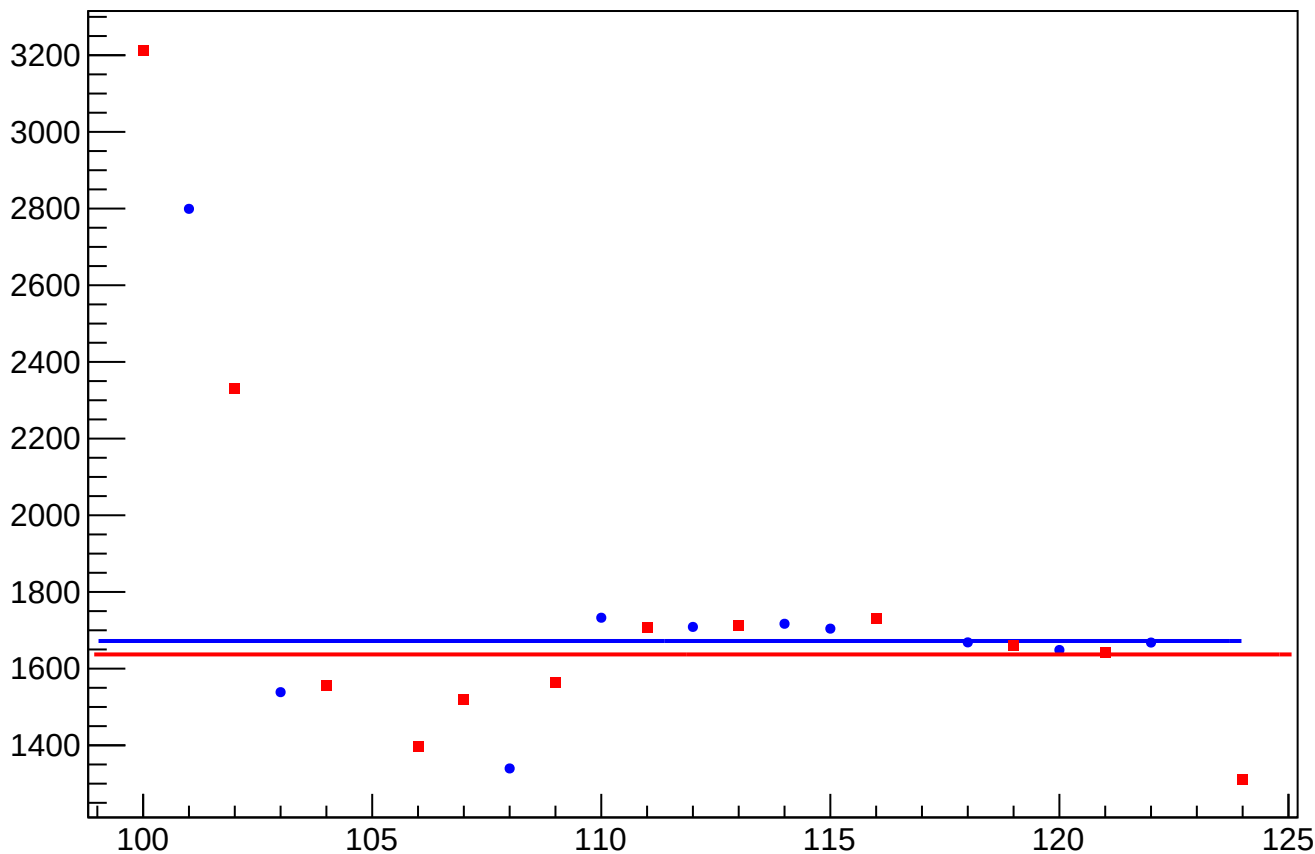
Right: 2969.058 $\pm$ 576.319 χ^2 /NDF: 8.9/21

In: 3236.068 $\pm$ 844.083 χ^2 /NDF: 4.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2969.058 $\pm$ 576.319 χ^2 /NDF: 8.9/21

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1672.100+/-0.597 χ^2/NDF : 268563.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1637.028+/-0.557 χ^2/NDF : 156864.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

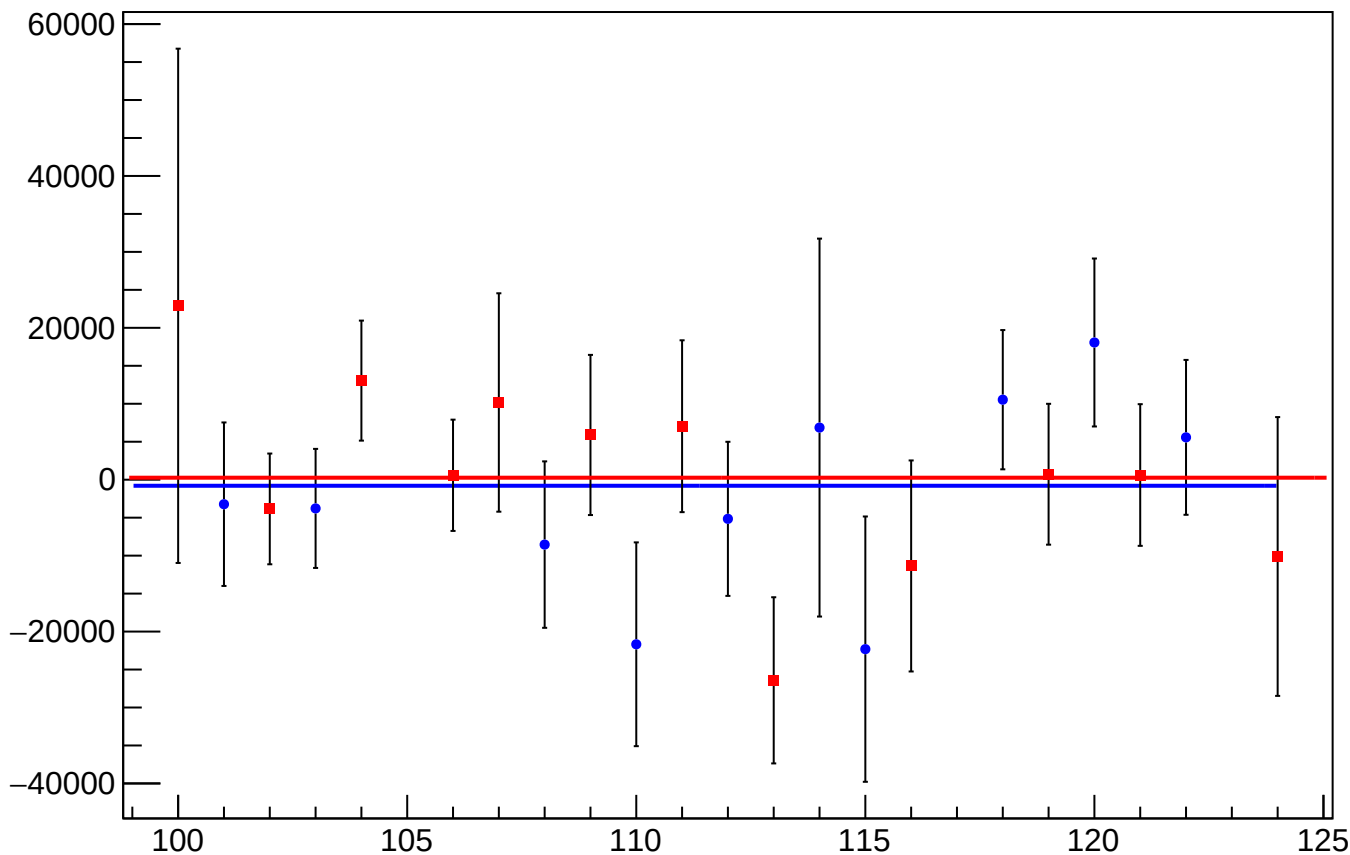
Right: 1653.368+/-0.407 χ^2/NDF : 427271.7/21

In: 1672.100+/-0.597 χ^2/NDF : 268563.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1653.368+/-0.407 χ^2/NDF : 427271.7/21

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -798.749+/-3469.565 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.770+/-2941.528 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

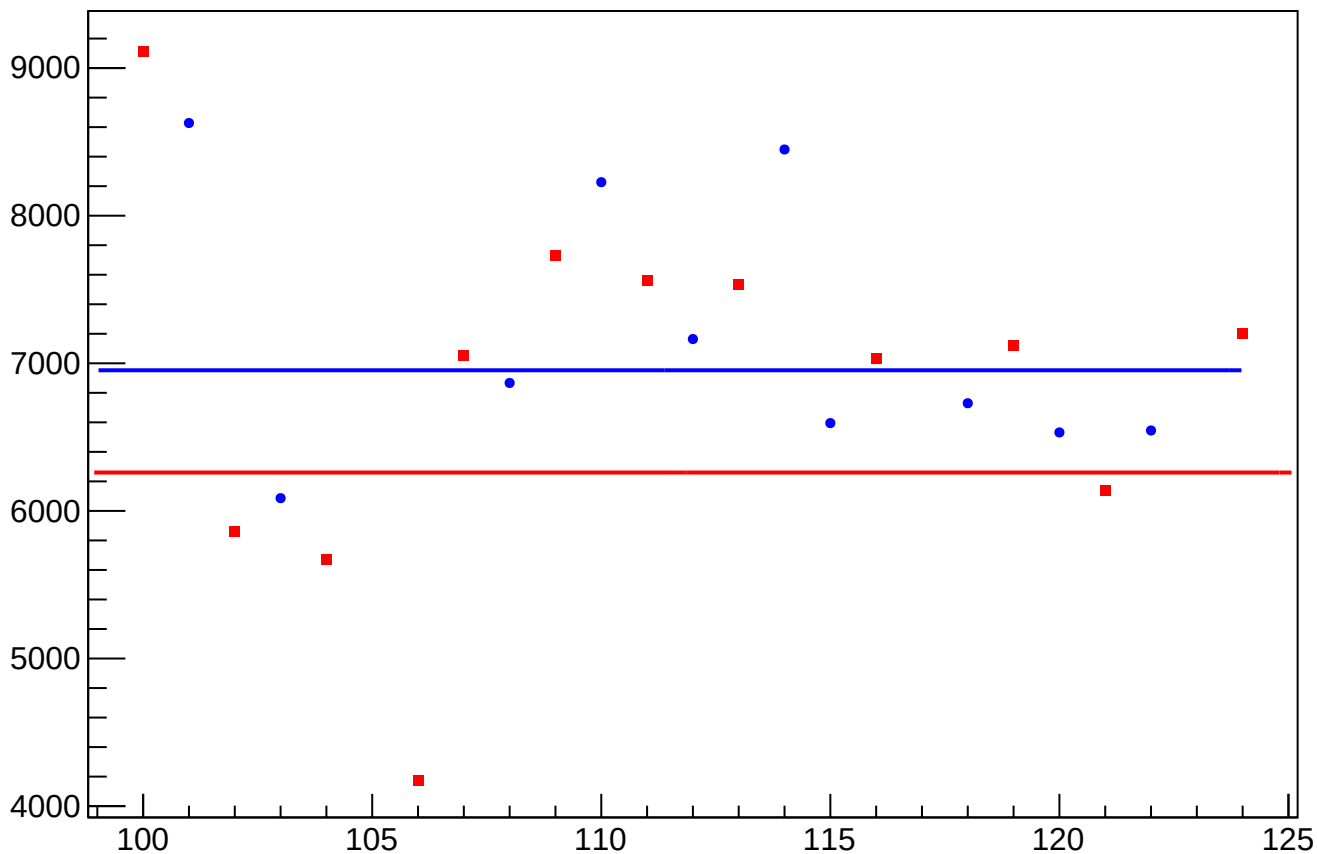
Right: -181.149+/-2243.690 χ^2/NDF : 21.3/21

In: -798.749+/-3469.565 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.149+/-2243.690 χ^2/NDF : 21.3/21

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 6952.706+/-2.453 χ^2/NDF : 107223.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6260.066+/-2.080 χ^2/NDF : 320788.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

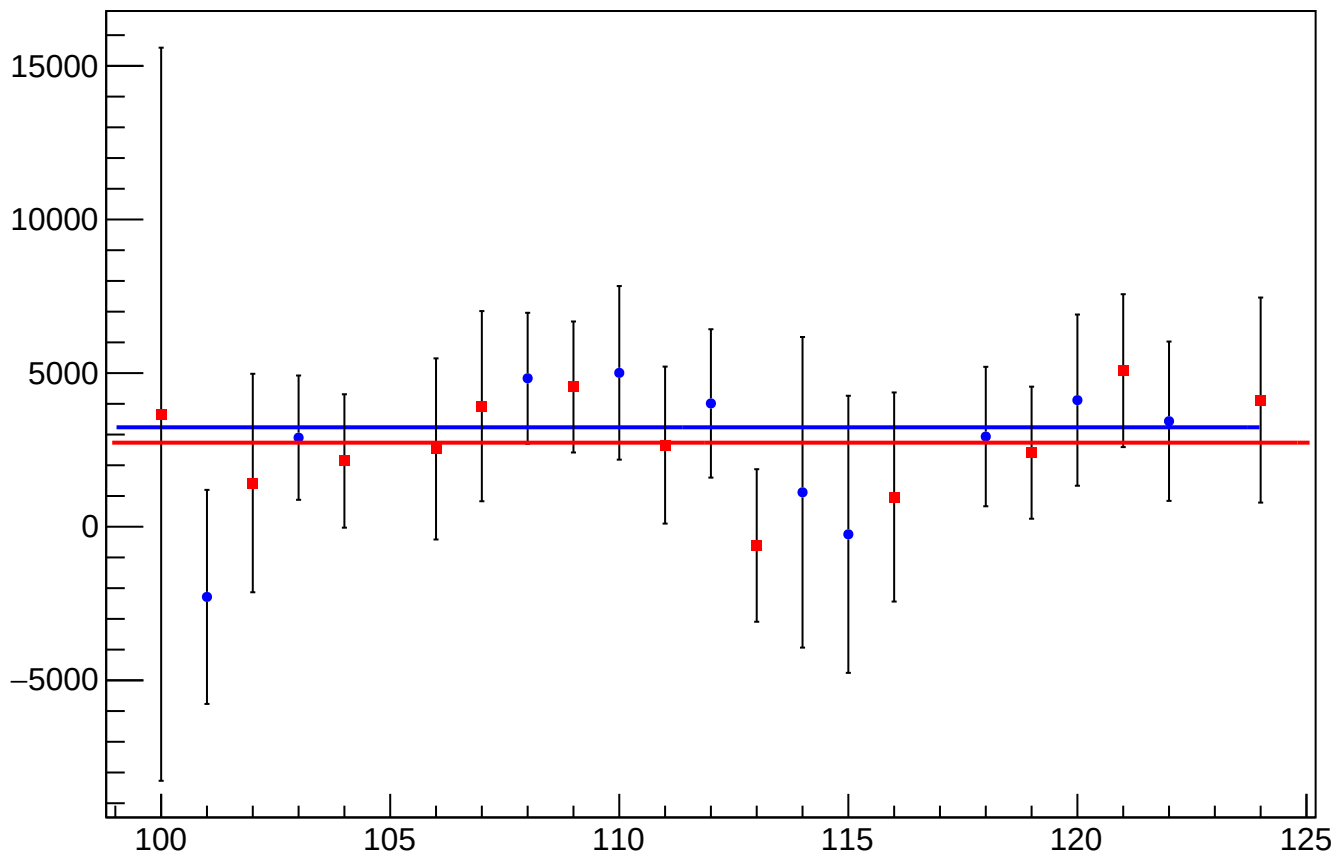
Right: 6549.723+/-1.587 χ^2/NDF : 474386.5/21

In: 6952.706+/-2.453 χ^2/NDF : 107223.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6549.723+/-1.587 χ^2/NDF : 474386.5/21

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3236.061+/-844.083 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2735.890+/-788.799 χ^2/NDF : 4.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

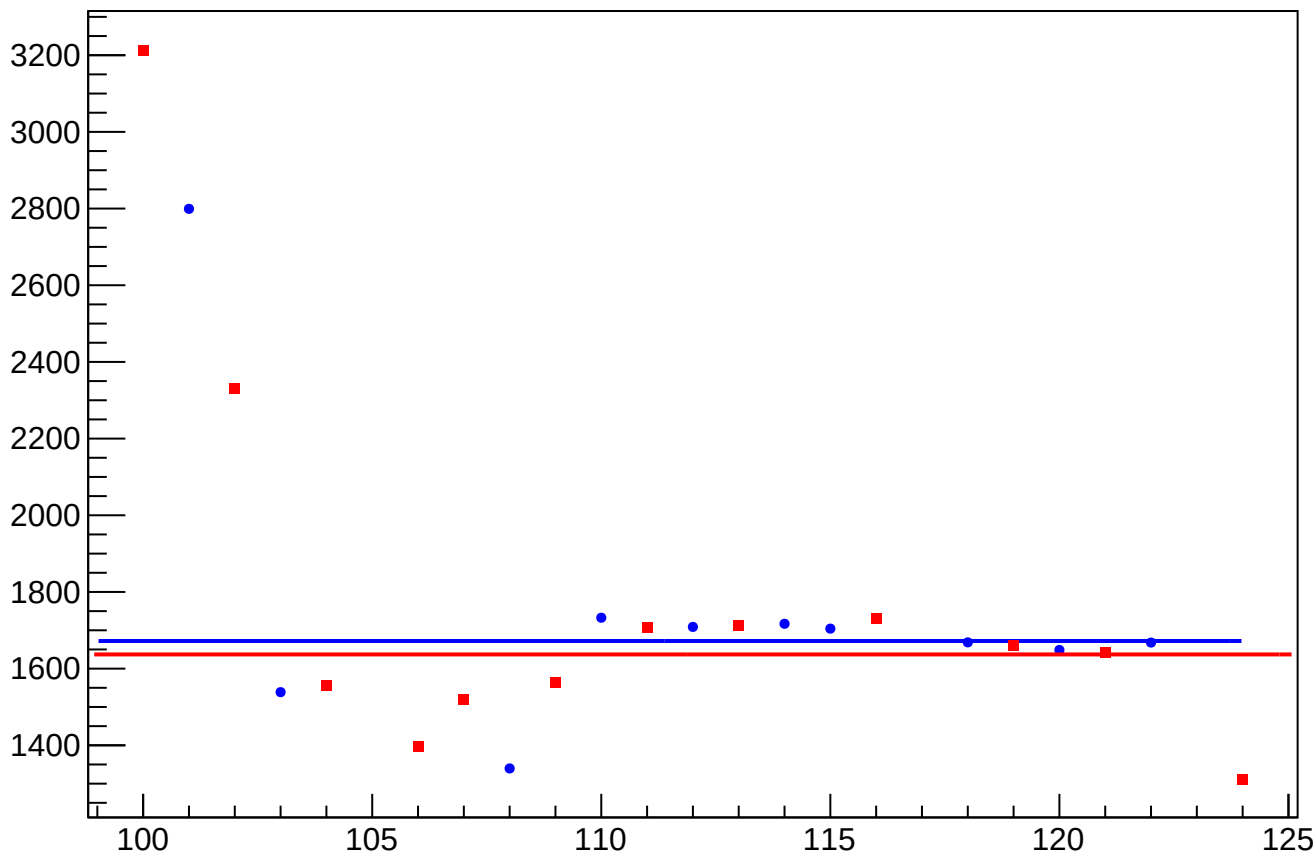
Right: 2969.061+/-576.319 χ^2/NDF : 8.9/21

In: 3236.061+/-844.083 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2969.061+/-576.319 χ^2/NDF : 8.9/21

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1672.100+/-0.597 χ^2/NDF : 268562.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1637.027+/-0.557 χ^2/NDF : 156864.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

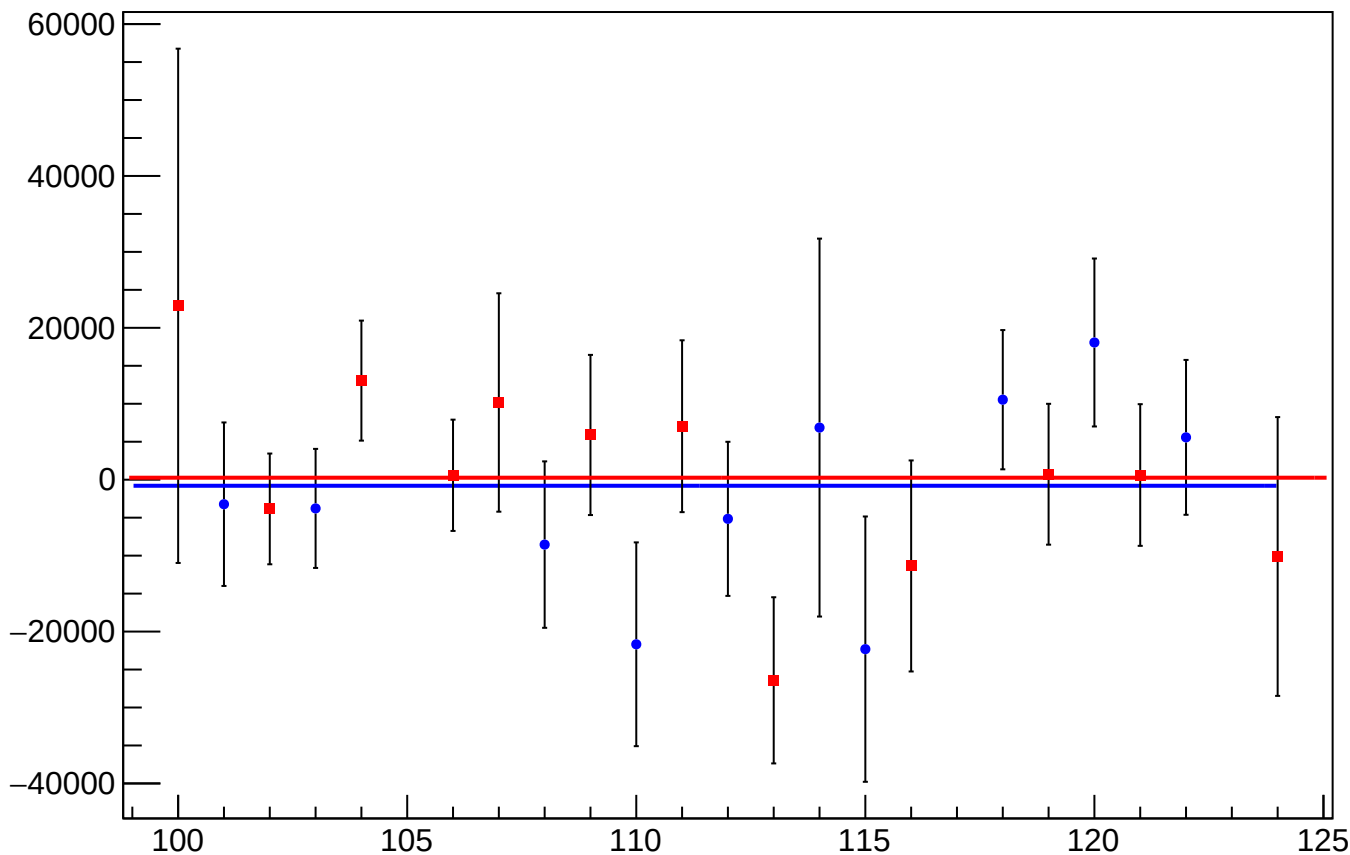
Right: 1653.368+/-0.407 χ^2/NDF : 427271.3/21

In: 1672.100+/-0.597 χ^2/NDF : 268562.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1653.368+/-0.407 χ^2/NDF : 427271.3/21

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -798.732+/-3469.555 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.776+/-2941.522 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

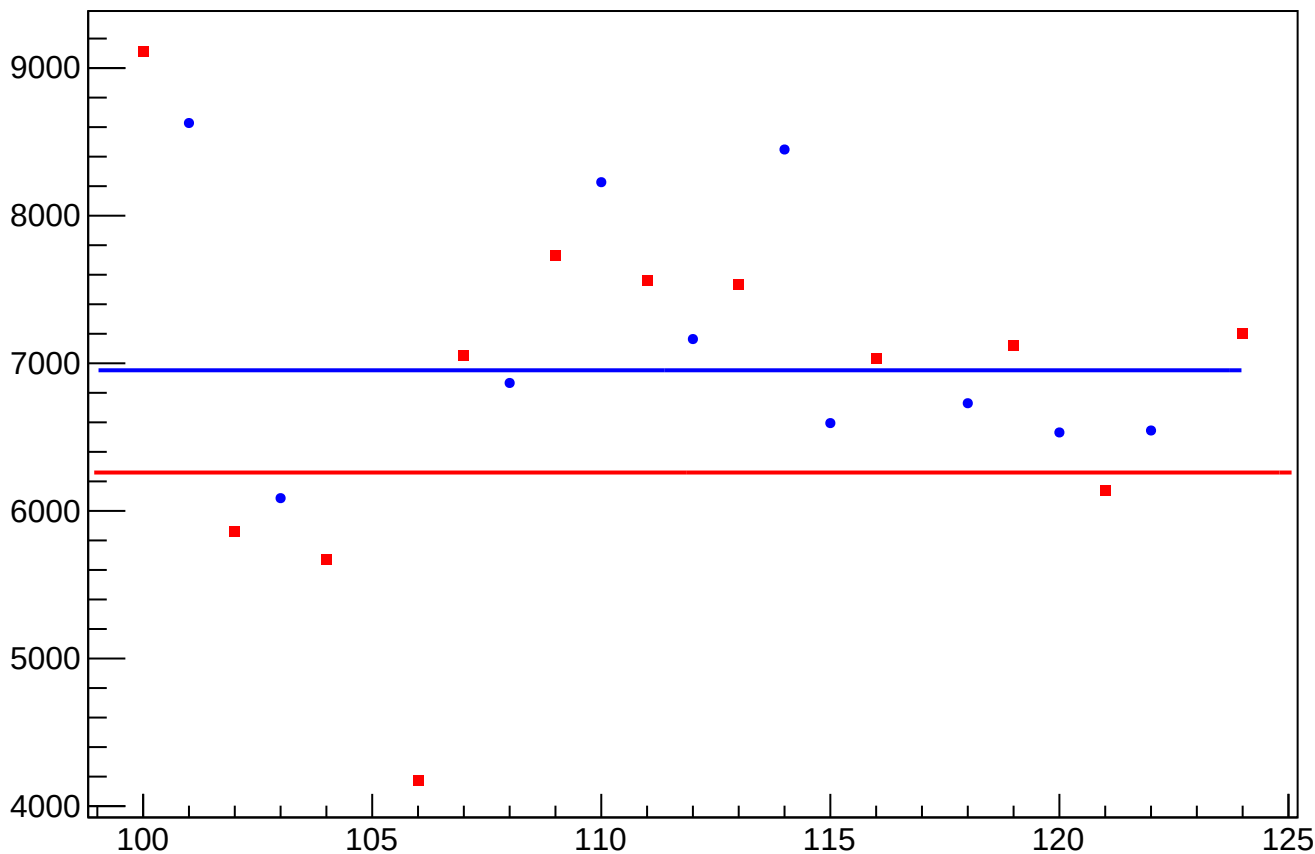
Right: -181.139+/-2243.685 χ^2/NDF : 21.3/21

In: -798.732+/-3469.555 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.139+/-2243.685 χ^2/NDF : 21.3/21

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6952.687+/-2.453 χ^2/NDF : 107224.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6260.053+/-2.080 χ^2/NDF : 320787.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

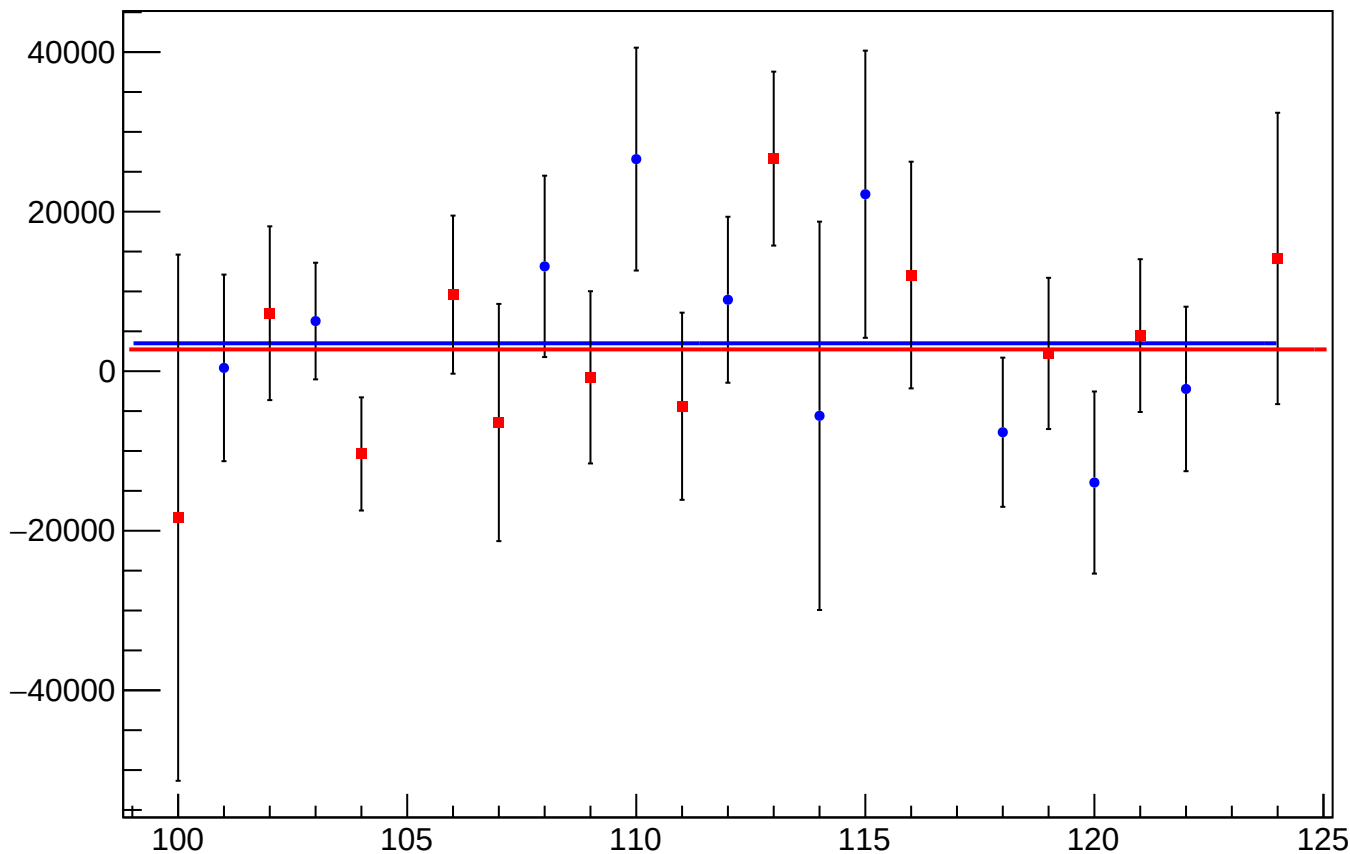
Right: 6549.707+/-1.587 χ^2/NDF : 474385.1/21

In: 6952.687+/-2.453 χ^2/NDF :107224.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6549.707+/-1.587 χ^2/NDF : 474385.1/21

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3497.360+/-3504.628 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2731.445+/-3191.589 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

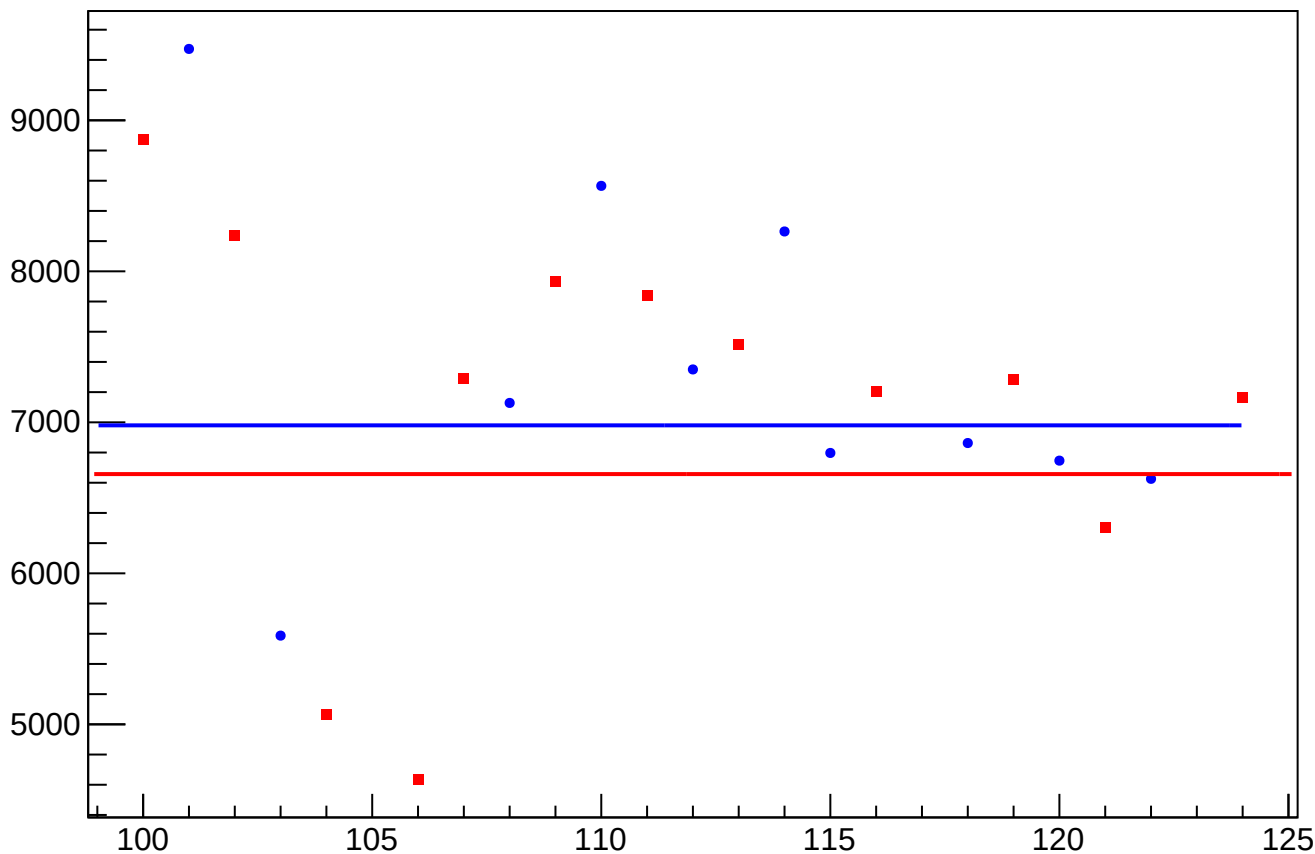
Right: 3078.675+/-2359.719 χ^2/NDF : 20.3/21

In: 3497.360+/-3504.628 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3078.675+/-2359.719 χ^2/NDF : 20.3/21

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 6980.000+/-2.478 χ^2/NDF : 201341.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6657.299+/-2.257 χ^2/NDF : 315789.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

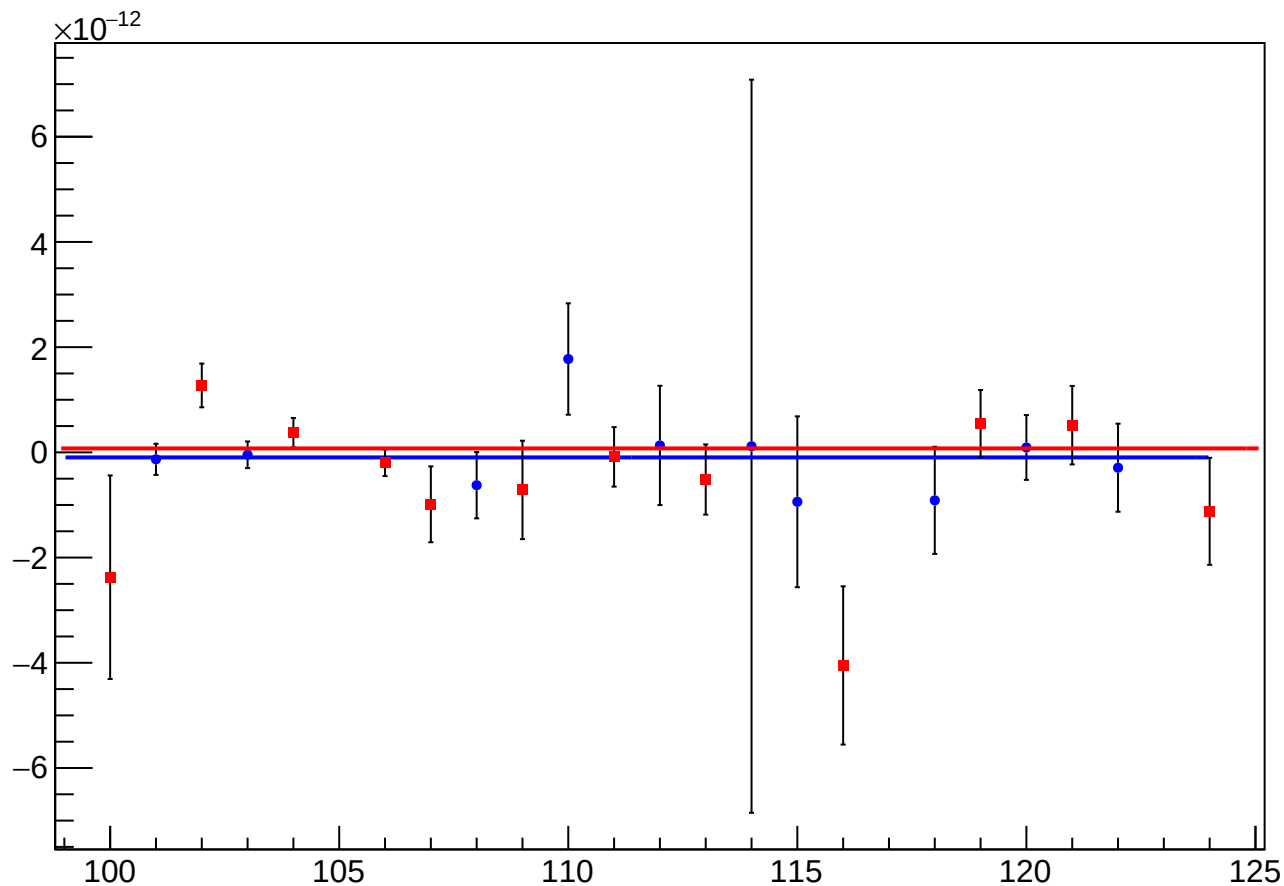
Right: 6803.583+/-1.668 χ^2/NDF : 526401.3/21

In: 6980.000+/-2.478 χ^2/NDF :201341.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6803.583+/-1.668 χ^2/NDF : 526401.3/21

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 25.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

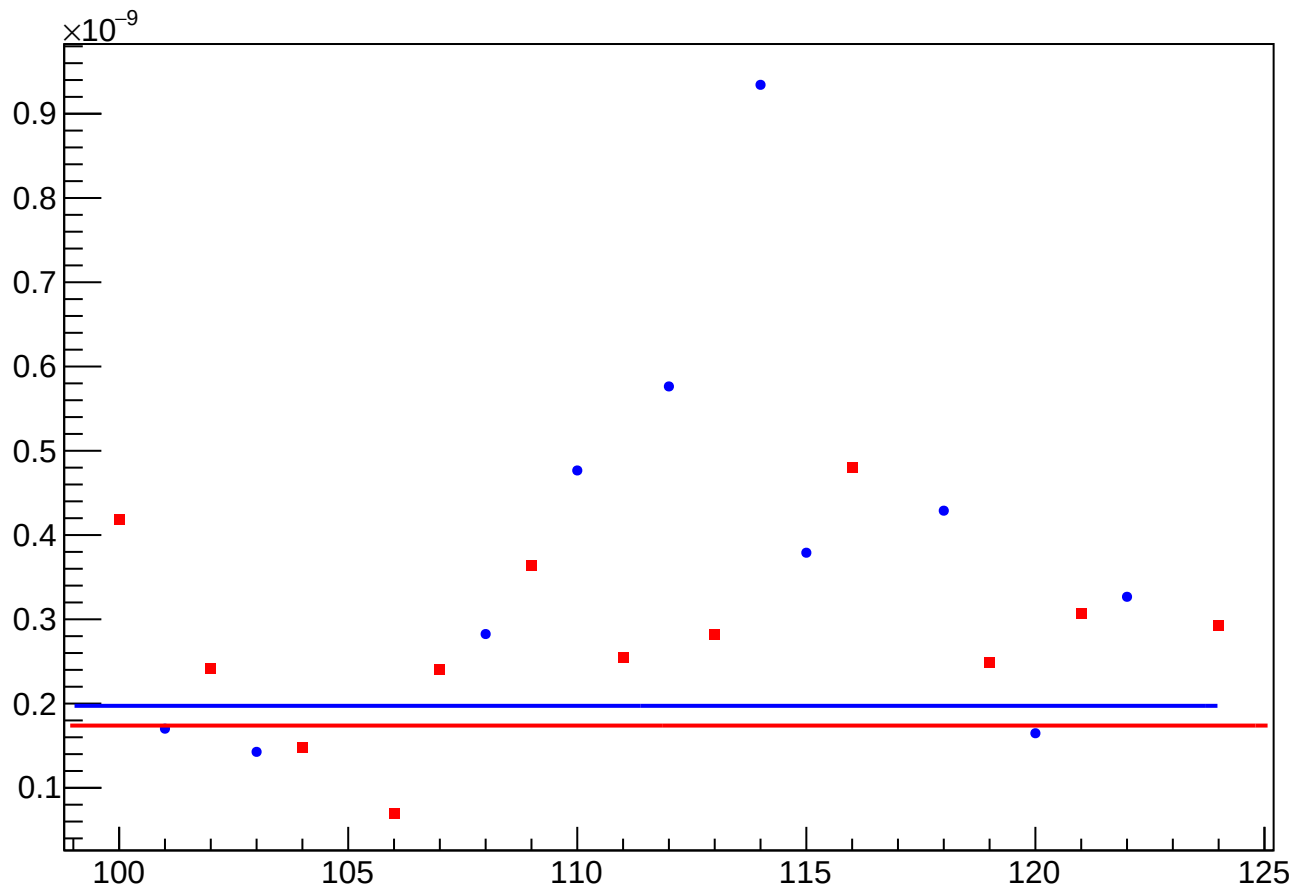
Right: 0.000+/-0.000 χ^2/NDF : 31.3/21

In: -0.000+/-0.000 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.3/21

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 713889.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 837636.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

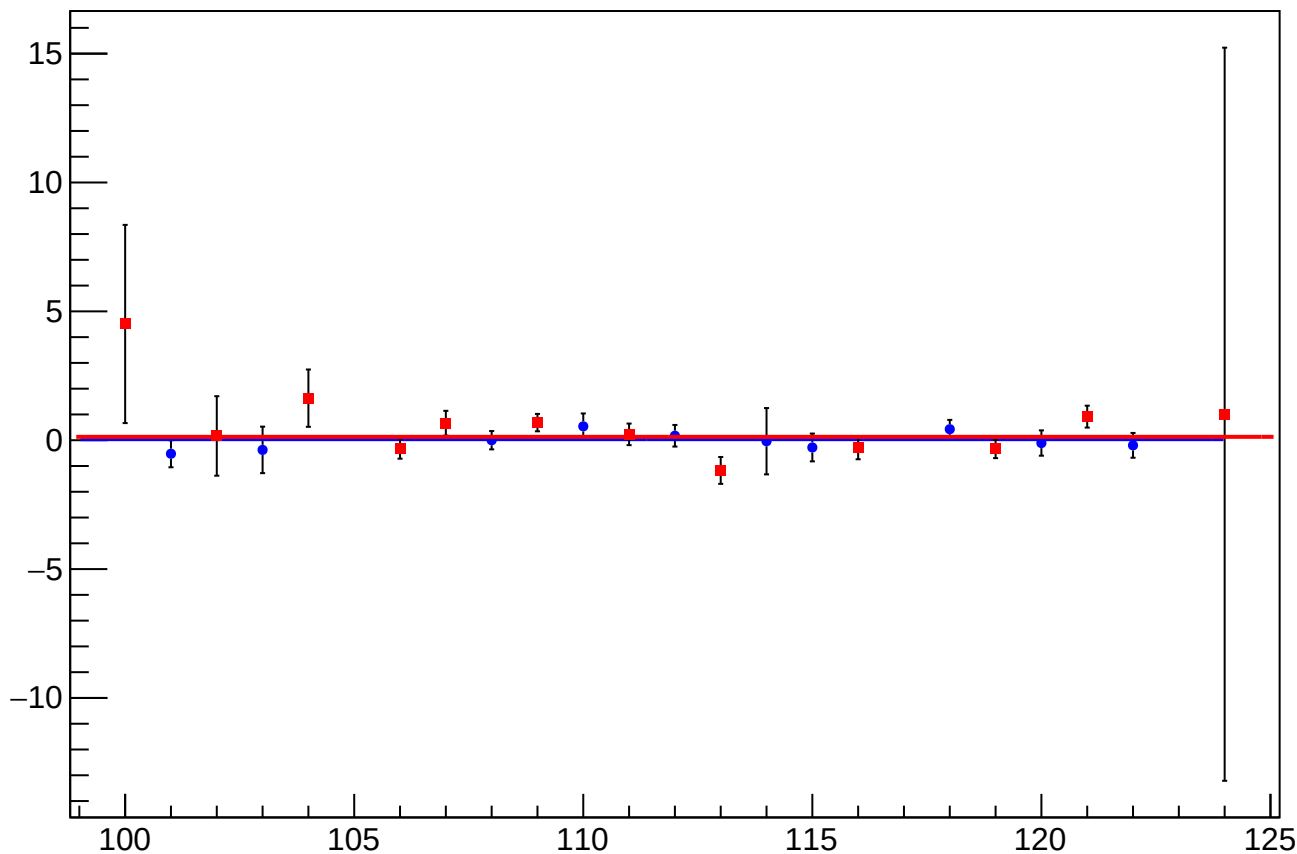
Right: 0.000+/-0.000 χ^2/NDF : 1574493.8/21

In: 0.000+/-0.000 χ^2/NDF : 713889.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1574493.8/21

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.153 χ^2/NDF : 4.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.132+/-0.143 χ^2/NDF : 20.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

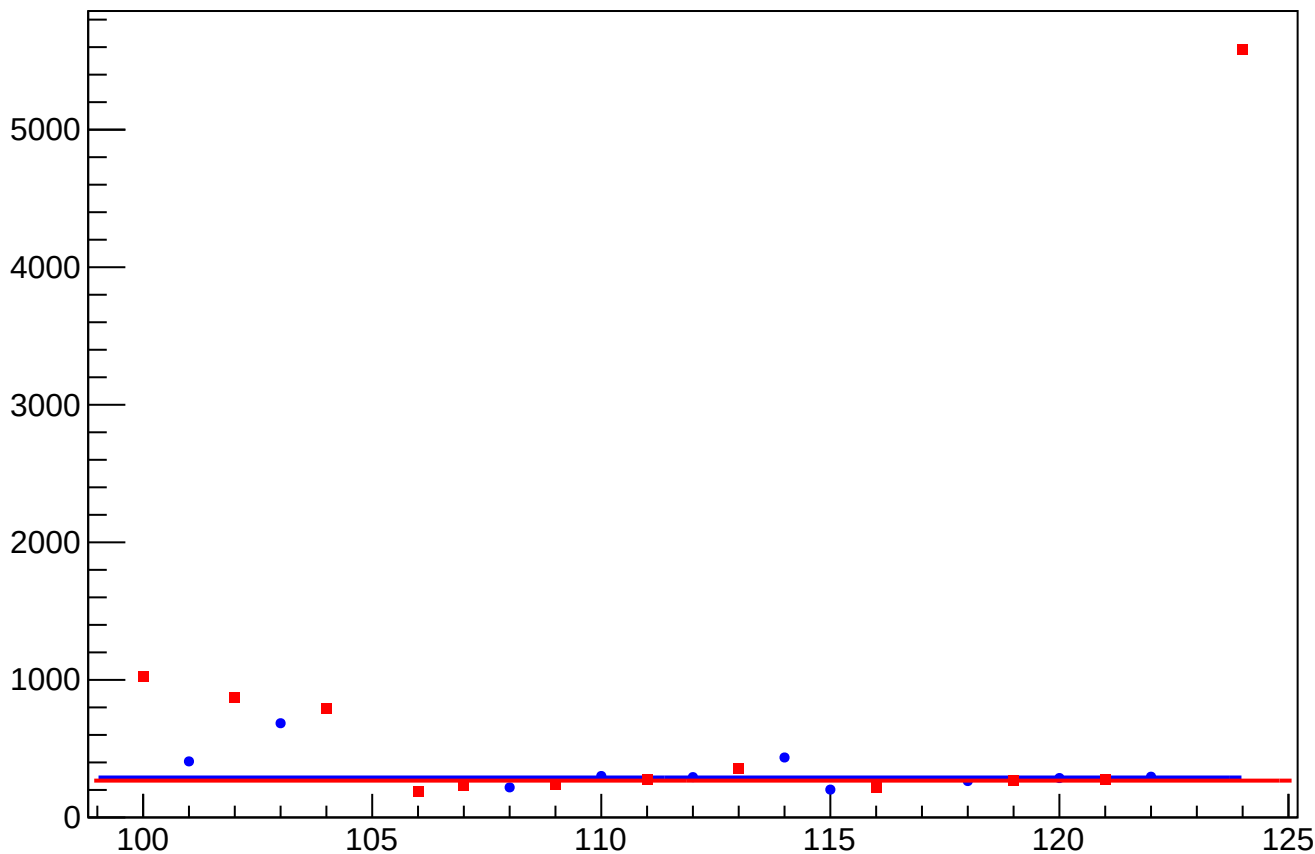
Right: 0.089+/-0.105 χ^2/NDF : 25.2/21

In: 0.041+/-0.153 χ^2/NDF :4.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.089+/-0.105 χ^2/NDF : 25.2/21

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.447+/-0.108 χ^2/NDF : 654084.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.767+/-0.101 χ^2/NDF : 1305830.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

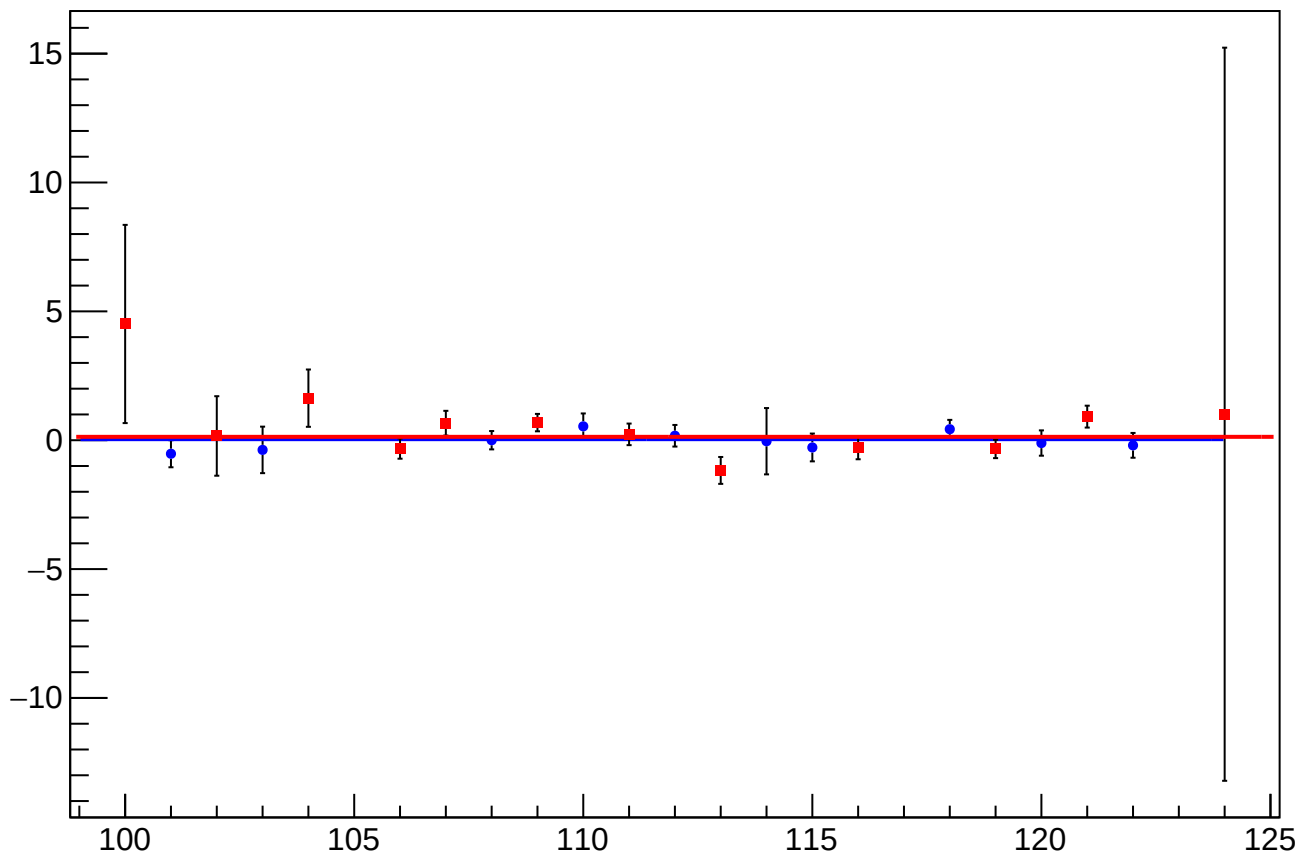
Right: 278.351+/-0.074 χ^2/NDF : 1983297.5/21

In: 290.447+/-0.108 χ^2/NDF : 654084.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.351+/-0.074 χ^2/NDF : 1983297.5/21

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.153 χ^2/NDF : 4.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.132+/-0.143 χ^2/NDF : 20.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

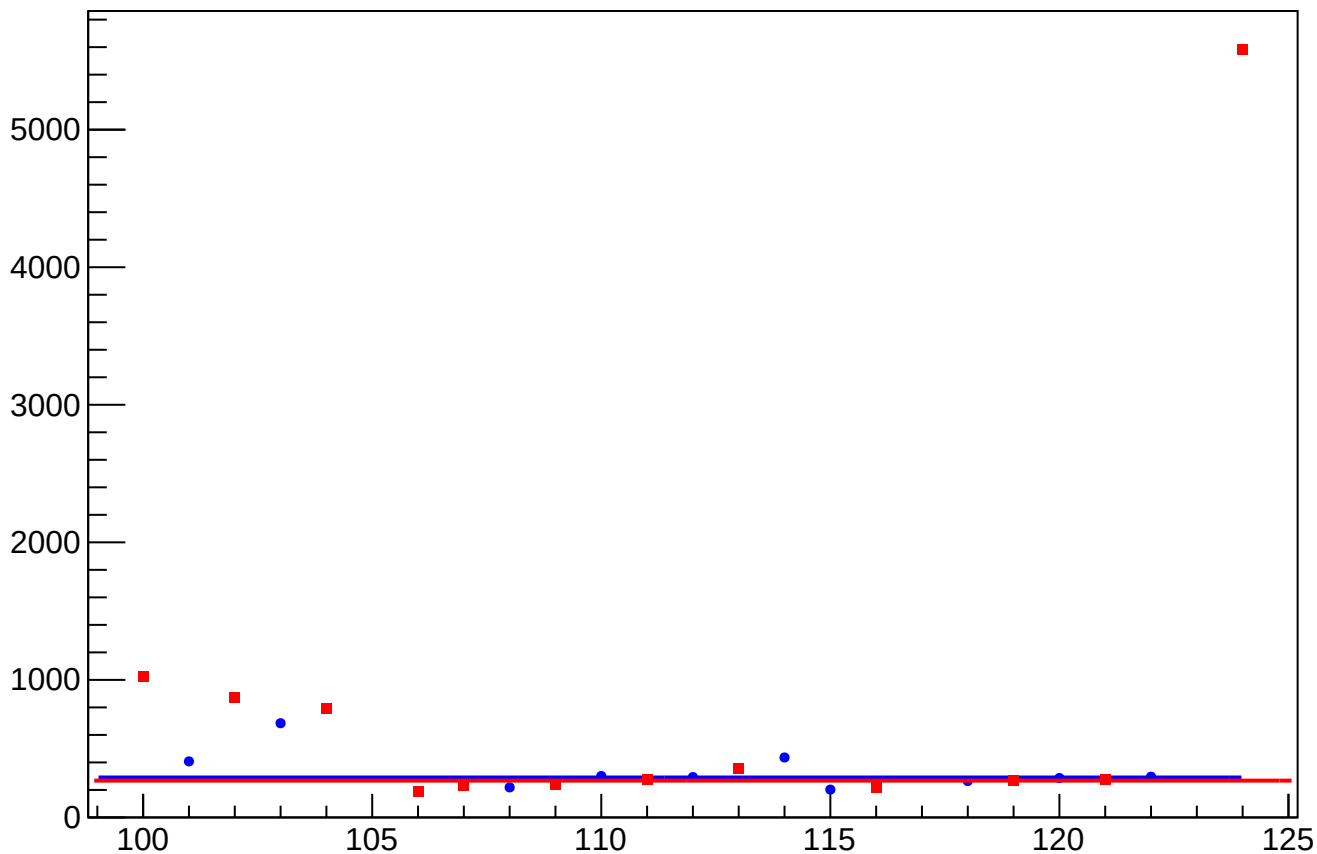
Right: 0.089+/-0.105 χ^2/NDF : 25.2/21

In: 0.041+/-0.153 χ^2/NDF :4.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.089+/-0.105 χ^2/NDF : 25.2/21

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.447+/-0.108 χ^2/NDF : 654084.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.767+/-0.101 χ^2/NDF : 1305830.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

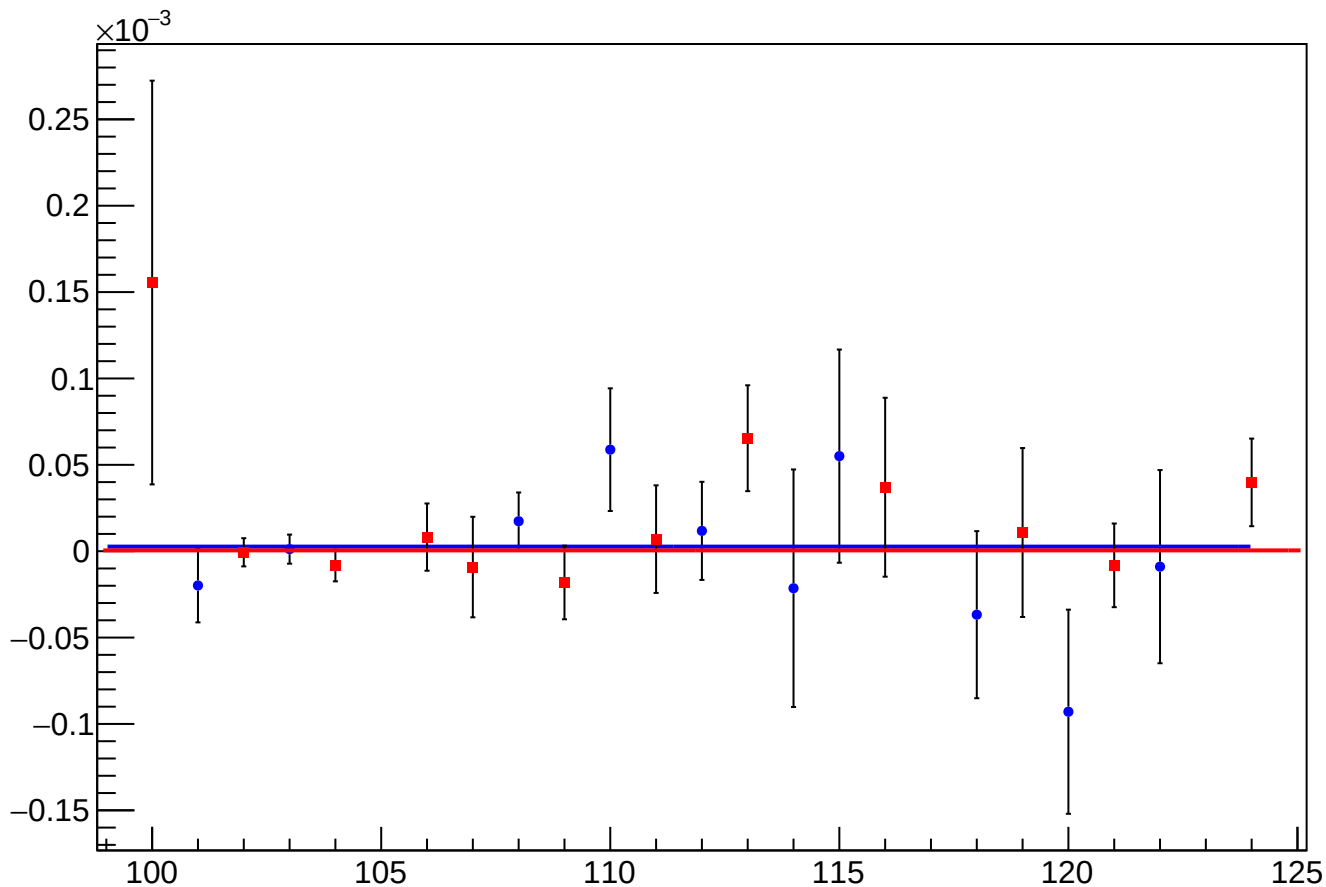
Right: 278.351+/-0.074 χ^2/NDF : 1983297.5/21

In: 290.447+/-0.108 χ^2/NDF : 654084.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.351+/-0.074 χ^2/NDF : 1983297.5/21

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

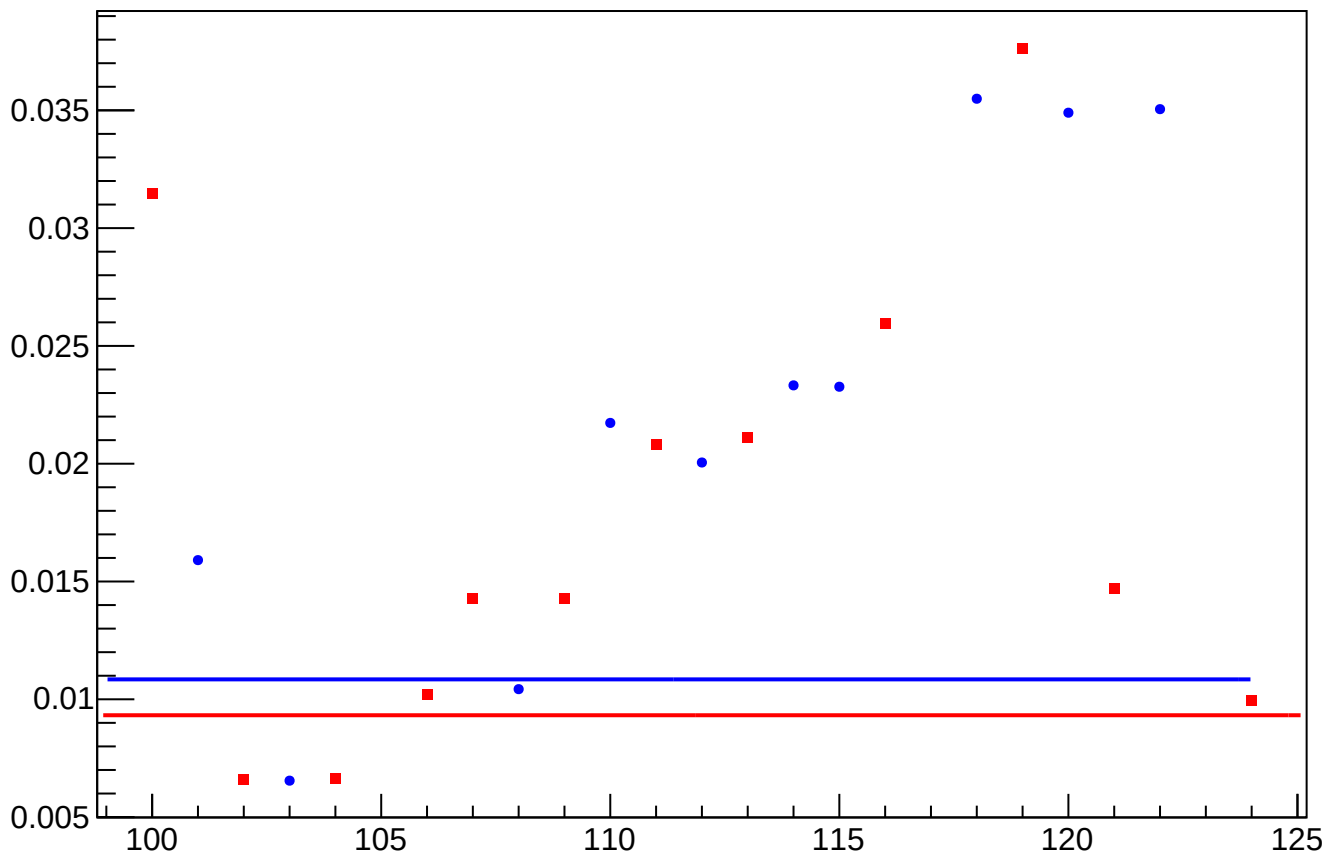
Right: 0.000+/-0.000 χ^2/NDF : 20.1/21

In: 0.000+/-0.000 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.1/21

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 2406068.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 2184633.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

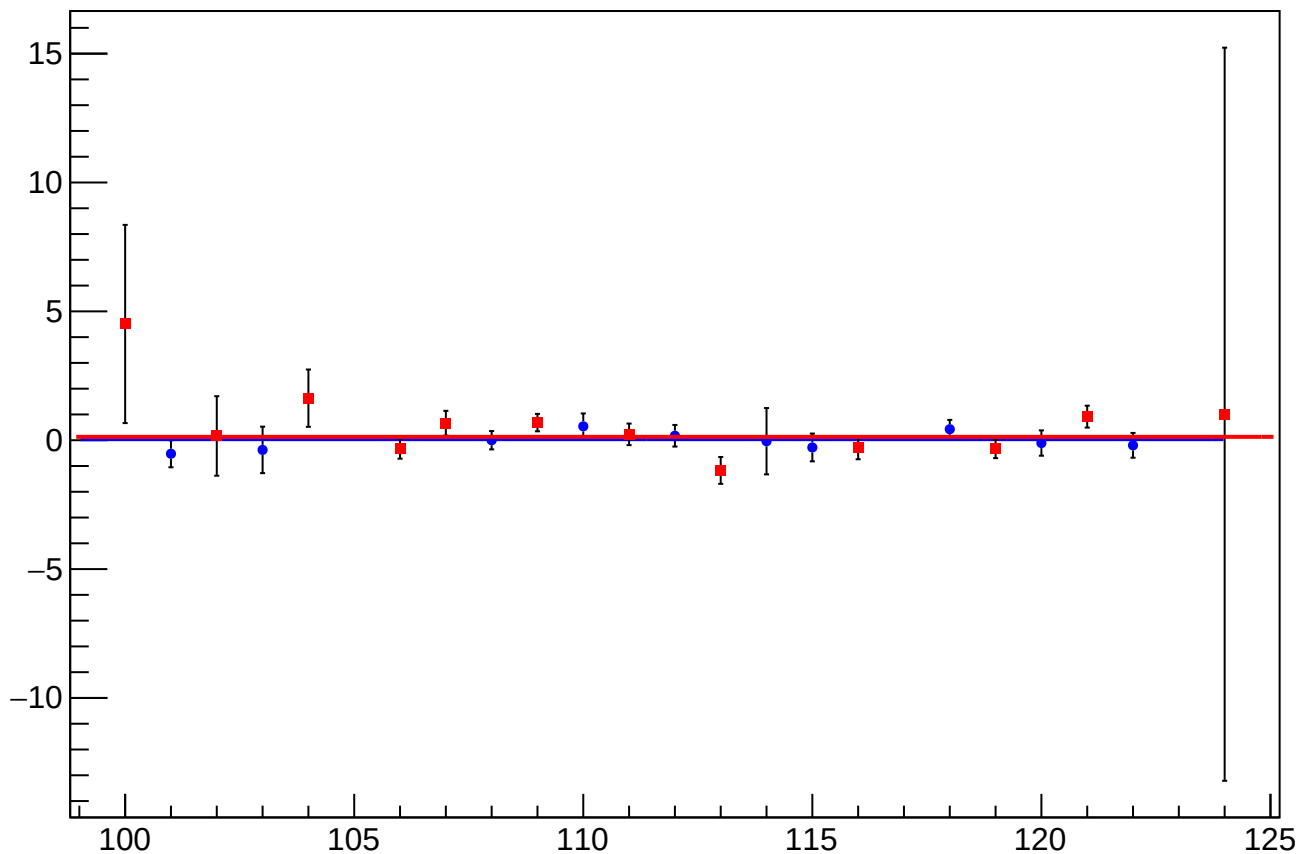
Right: 0.010+/-0.000 χ^2/NDF : 4658680.5/21

In: 0.011+/-0.000 χ^2/NDF :2406068.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 4658680.5/21

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.153 χ^2/NDF : 4.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.132+/-0.143 χ^2/NDF : 20.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

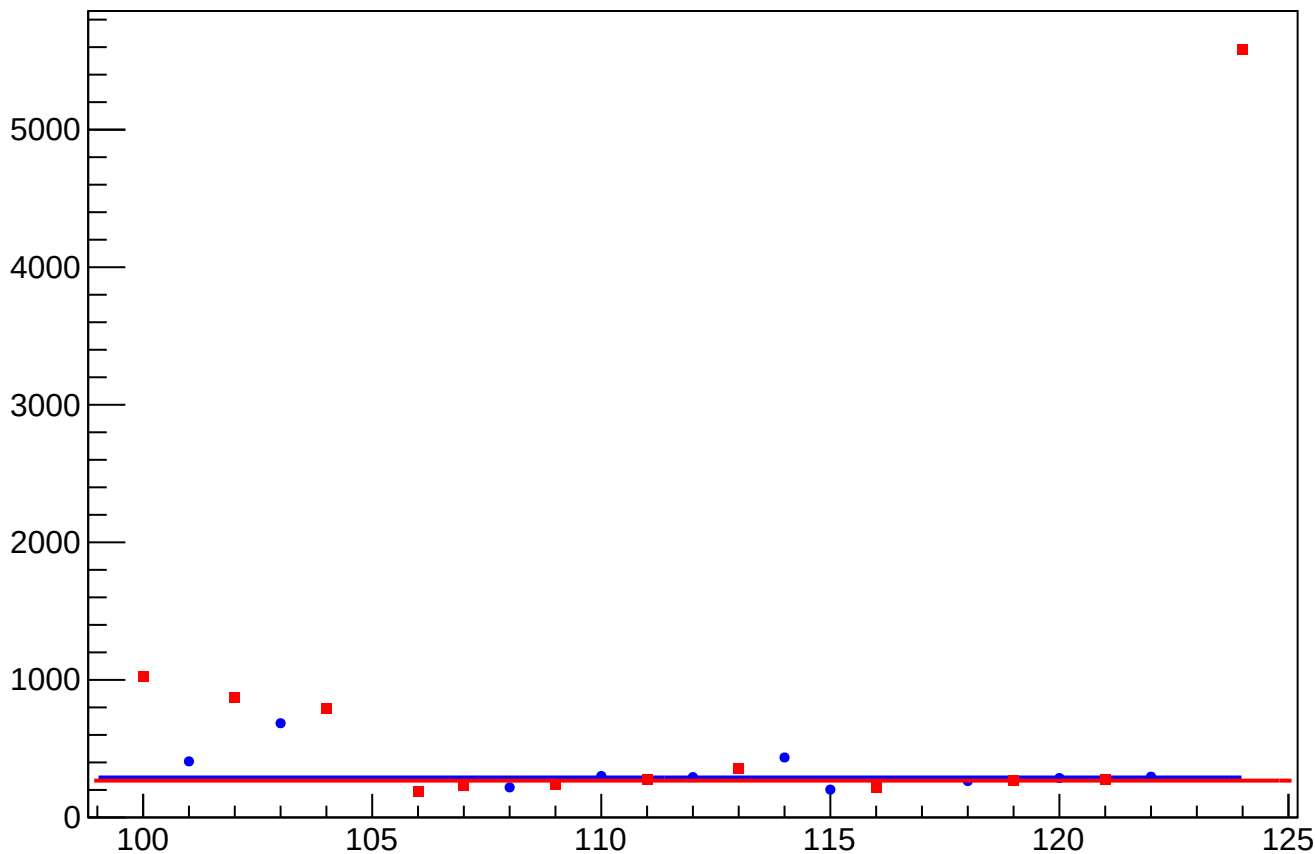
Right: 0.089+/-0.105 χ^2/NDF : 25.2/21

In: 0.041+/-0.153 χ^2/NDF :4.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.089+/-0.105 χ^2/NDF : 25.2/21

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.448+/-0.108 χ^2/NDF : 654066.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.769+/-0.101 χ^2/NDF : 1305817.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

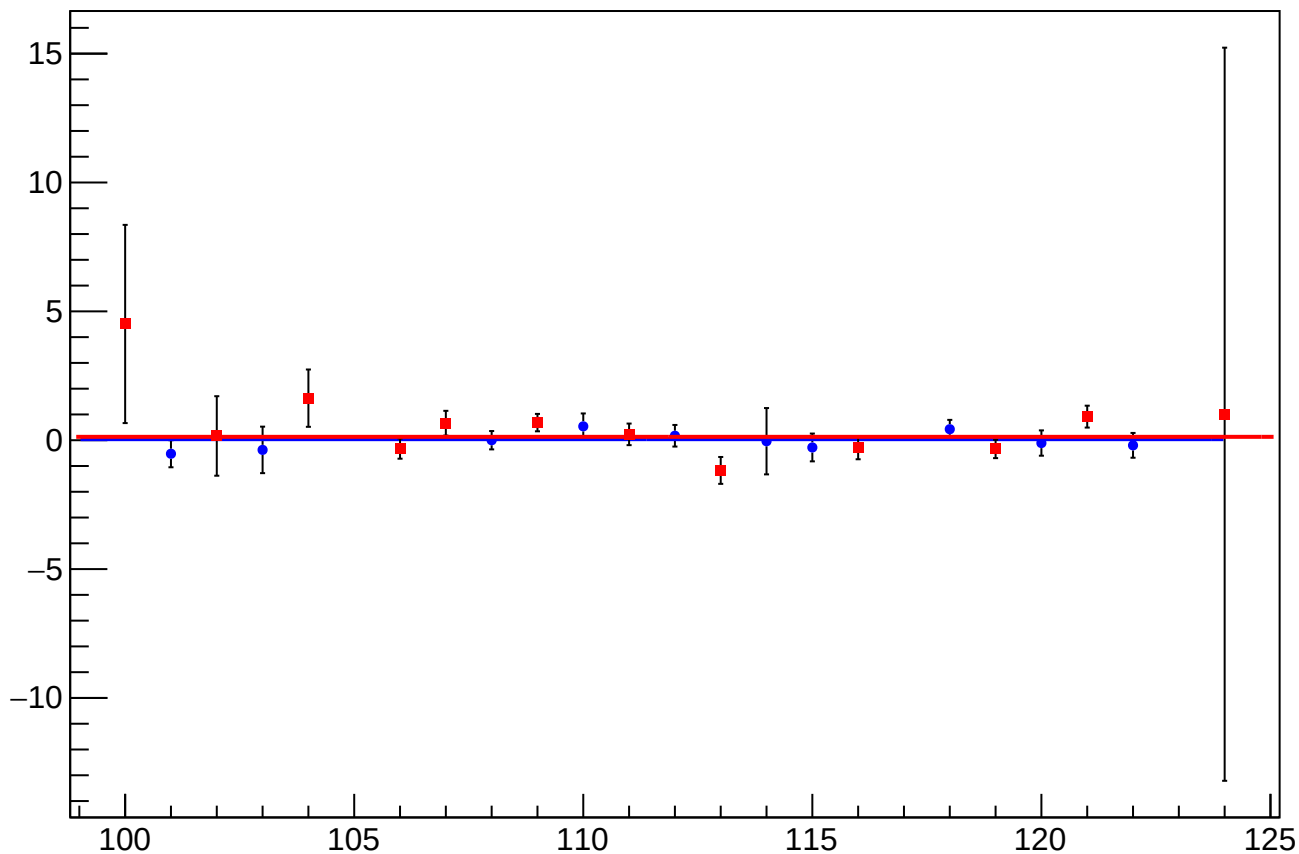
Right: 278.352+/-0.074 χ^2/NDF : 1983264.8/21

In: 290.448+/-0.108 χ^2/NDF : 654066.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.352+/-0.074 χ^2/NDF : 1983264.8/21

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.153 χ^2/NDF : 4.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.132+/-0.143 χ^2/NDF : 20.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

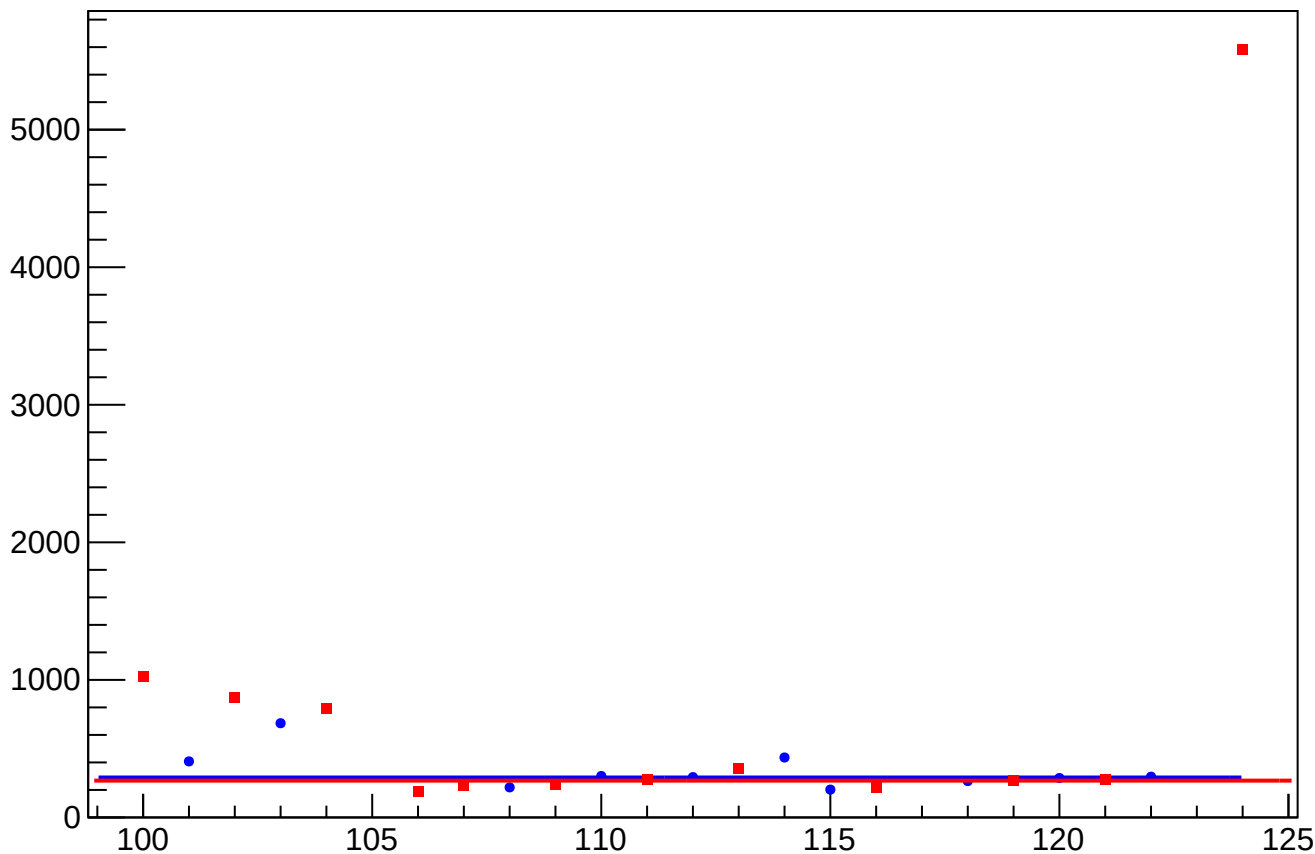
Right: 0.089+/-0.105 χ^2/NDF : 25.2/21

In: 0.041+/-0.153 χ^2/NDF :4.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.089+/-0.105 χ^2/NDF : 25.2/21

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.448+/-0.108 χ^2/NDF : 654066.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.769+/-0.101 χ^2/NDF : 1305817.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

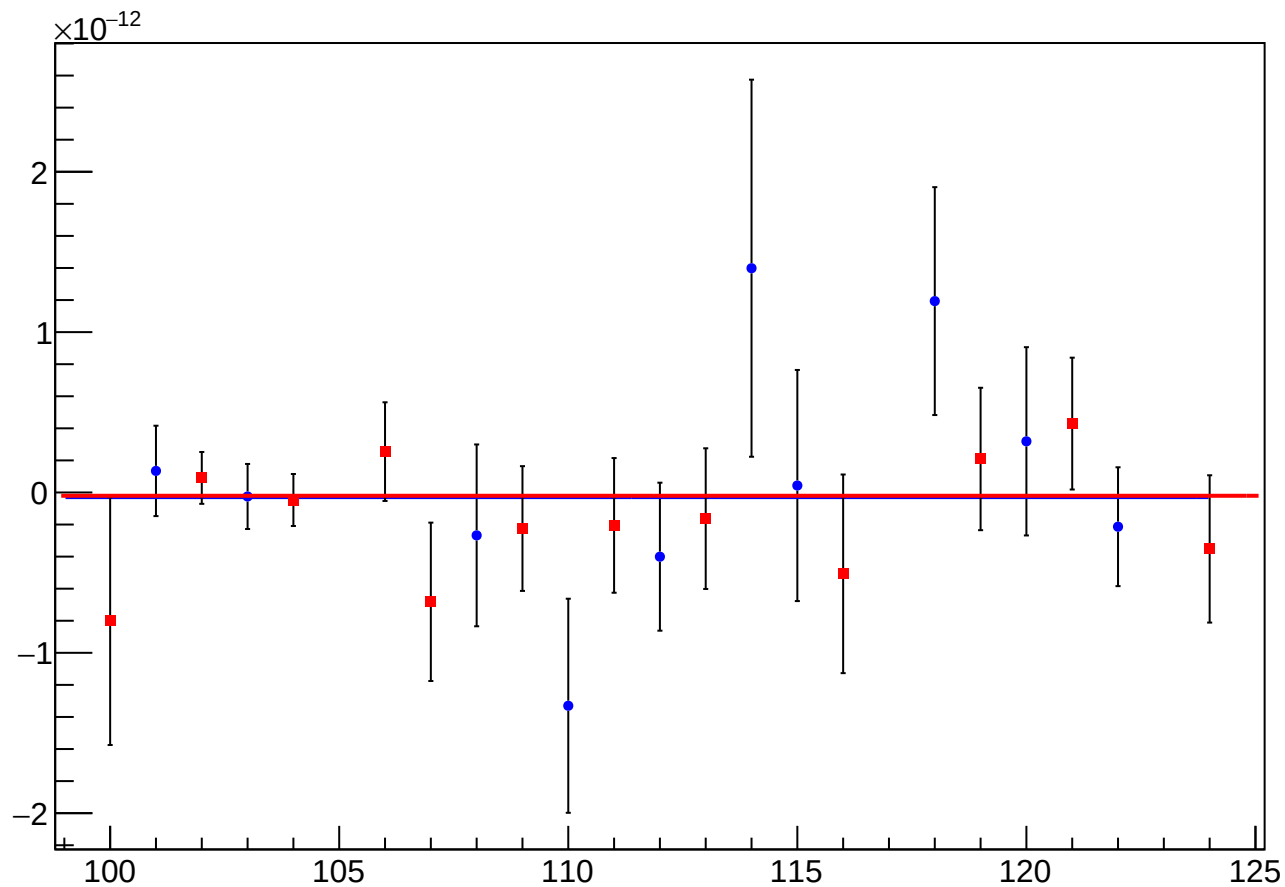
Right: 278.352+/-0.074 χ^2/NDF : 1983264.8/21

In: 290.448+/-0.108 χ^2/NDF : 654066.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.352+/-0.074 χ^2/NDF : 1983264.8/21

asym_at2_avg_eigen_cor_vs_cor_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 : 7.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

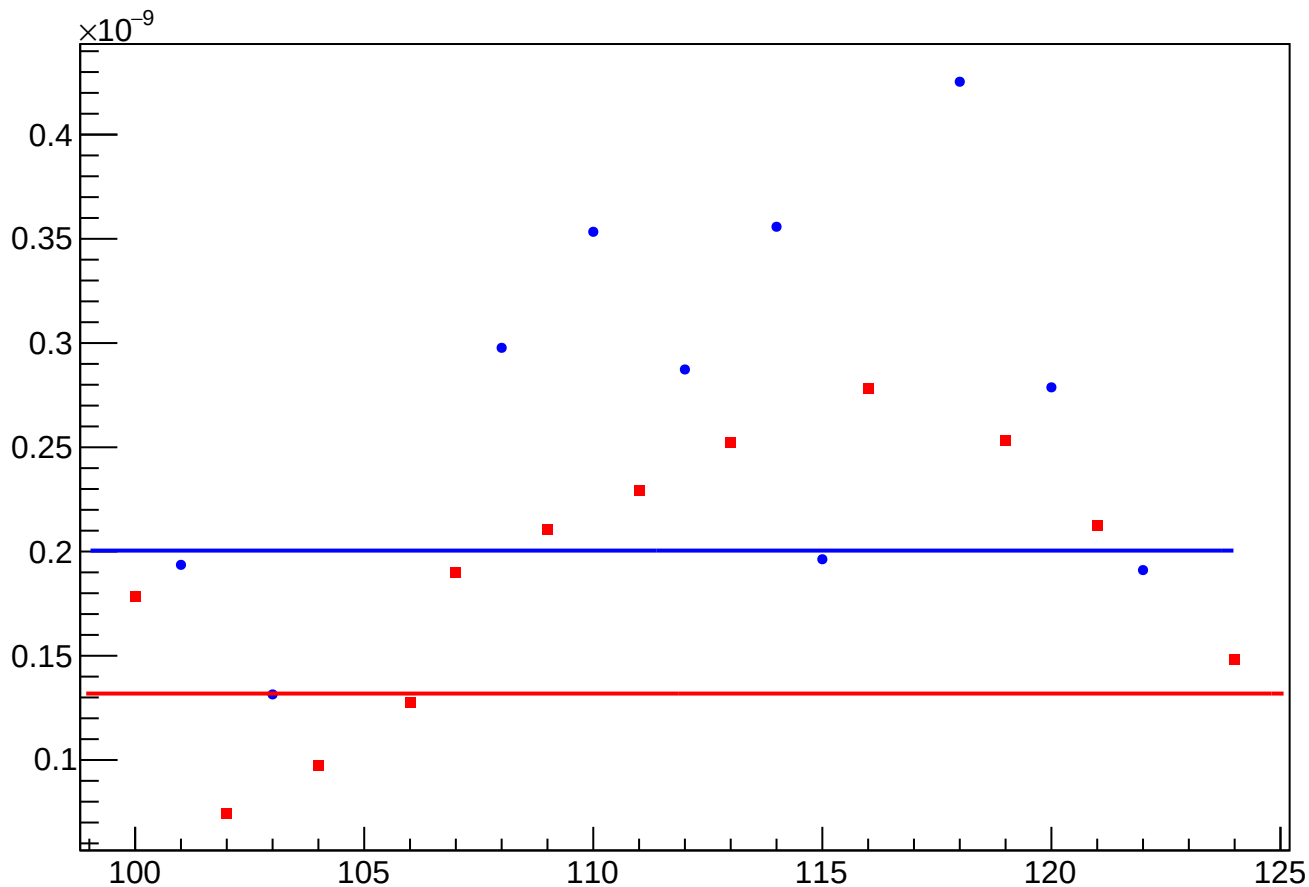
Right: -0.000+/-0.000 χ^2/NDF : 17.3/21

In: -0.000+/-0.000 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.3/21

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 739376.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1058333.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

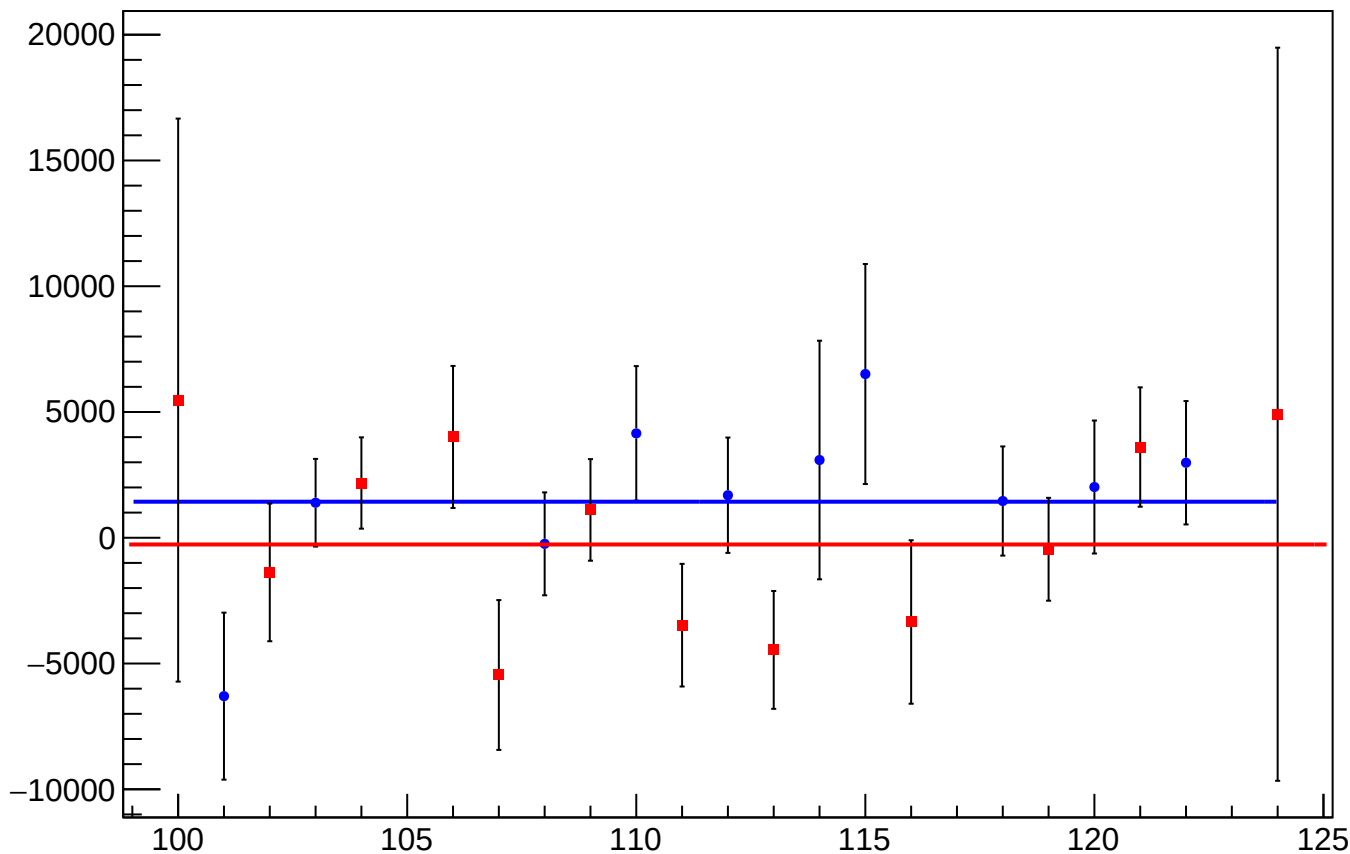
Right: 0.000+/-0.000 χ^2/NDF : 2189999.2/21

In: 0.000+/-0.000 χ^2/NDF : 739376.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2189999.2/21

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1433.169+/-788.819 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -267.178+/-746.391 χ^2/NDF : 16.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

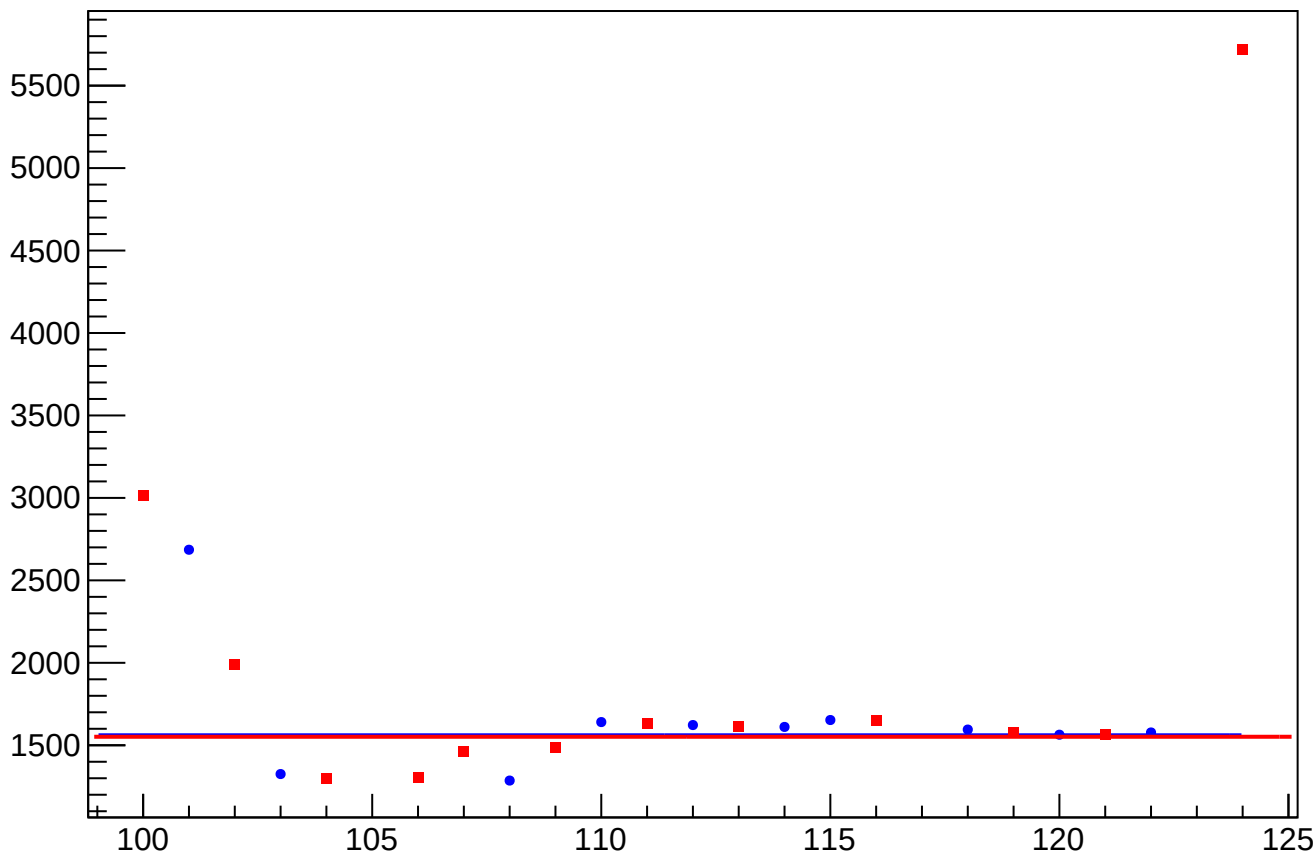
Right: 536.039+/-542.157 χ^2/NDF : 28.2/21

In: 1433.169+/-788.819 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.039+/-542.157 χ^2/NDF : 28.2/21

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1560.500+/-0.558 χ^2/NDF : 307096.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1551.593+/-0.528 χ^2/NDF : 312175.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

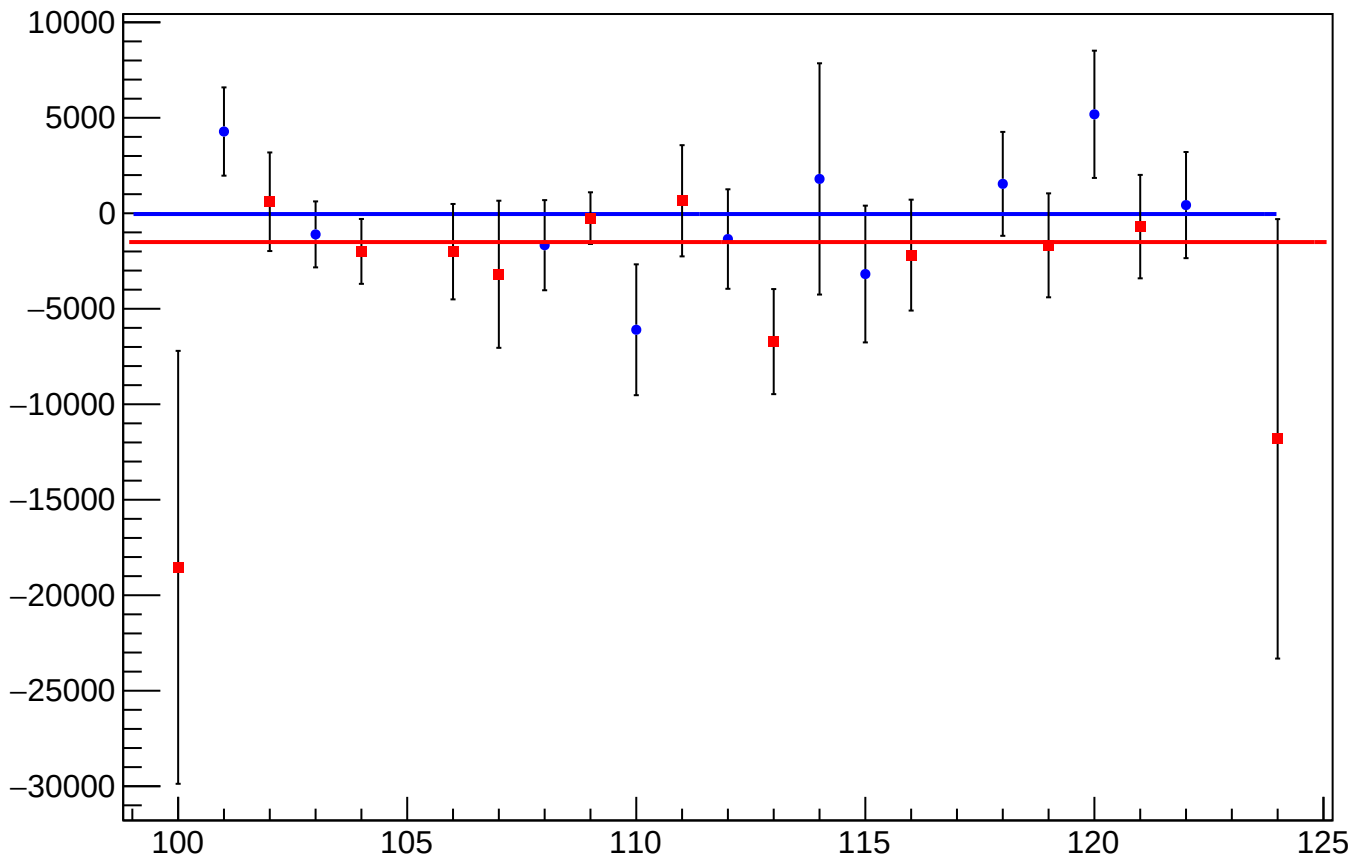
Right: 1555.800+/-0.383 χ^2/NDF : 619406.1/21

In: 1560.500+/-0.558 χ^2/NDF :307096.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1555.800+/-0.383 χ^2/NDF : 619406.1/21

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -39.945 ± 846.878 $\chi^2/\text{NDF}: 11.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1506.795 ± 720.424 $\chi^2/\text{NDF}: 9.2/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

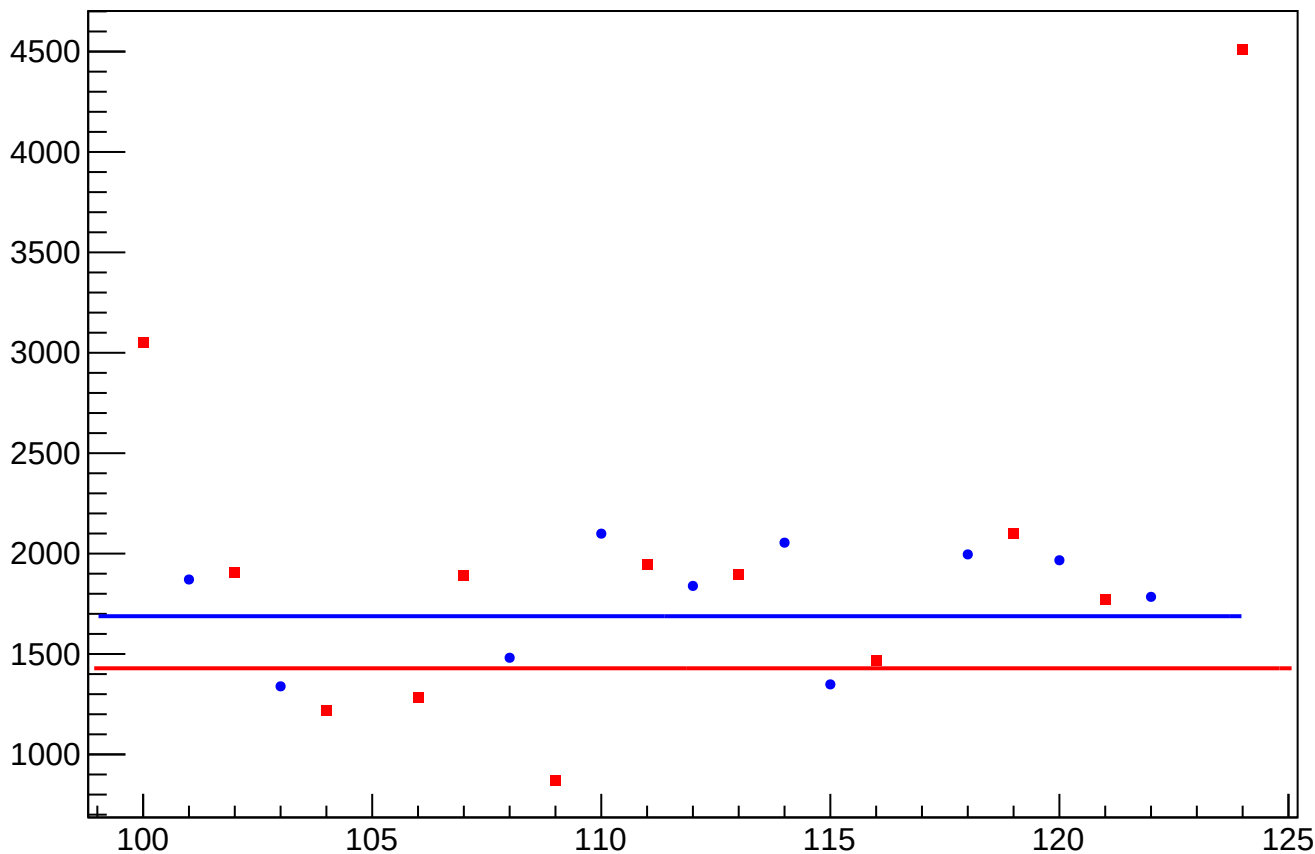
Right: -890.955 ± 548.734 $\chi^2/\text{NDF}: 22.4/21$

In: -39.945 ± 846.878 $\chi^2/\text{NDF}: 11.4/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -890.955 ± 548.734 $\chi^2/\text{NDF}: 22.4/21$

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1688.211+/-0.599 χ^2/NDF : 212405.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1428.843+/-0.509 χ^2/NDF : 934492.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

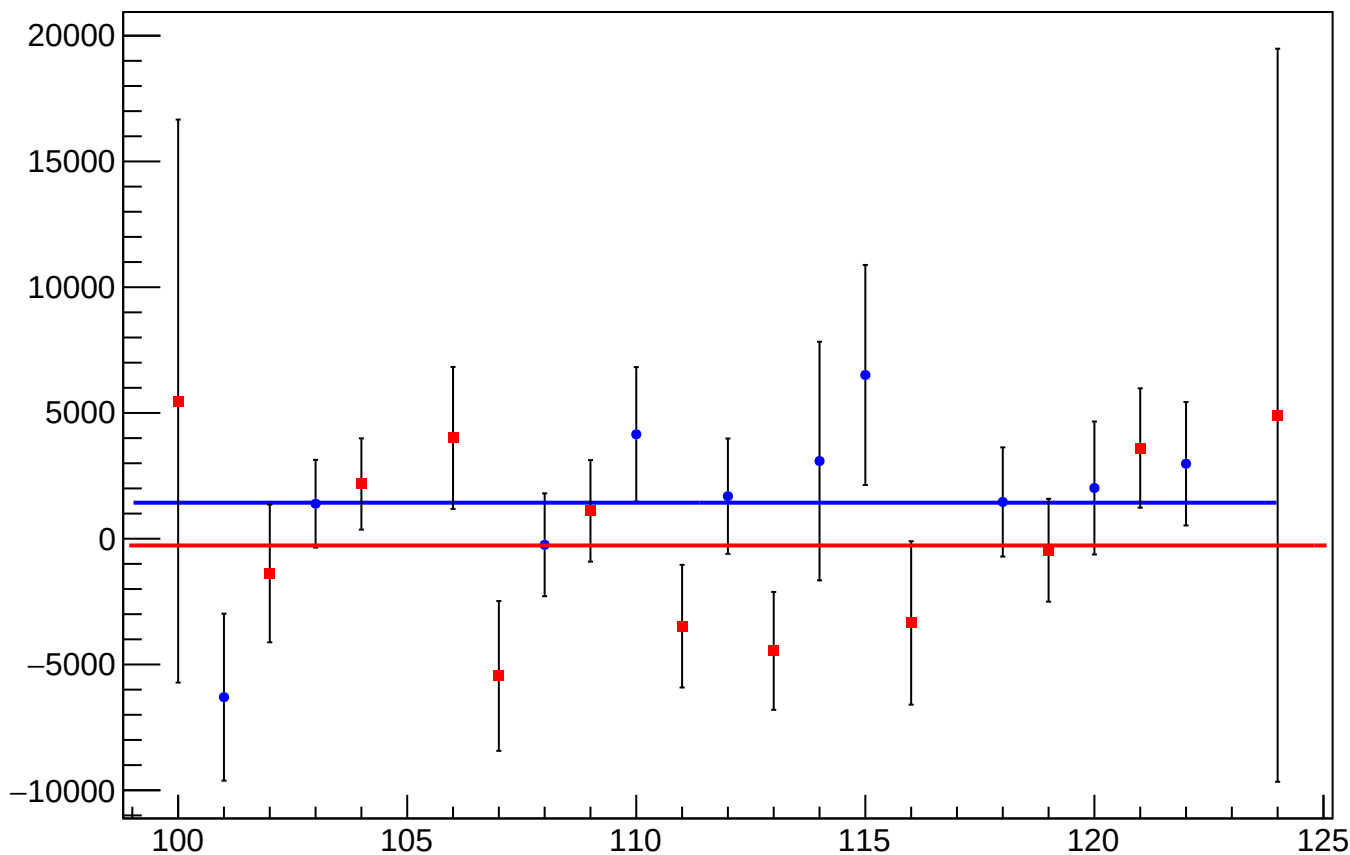
Right: 1537.736+/-0.388 χ^2/NDF : 1255733.9/21

In: 1688.211+/-0.599 χ^2/NDF : 212405.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1537.736+/-0.388 χ^2/NDF : 1255733.9/21

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1433.019+/-788.819 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -267.538+/-746.391 χ^2/NDF : 16.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

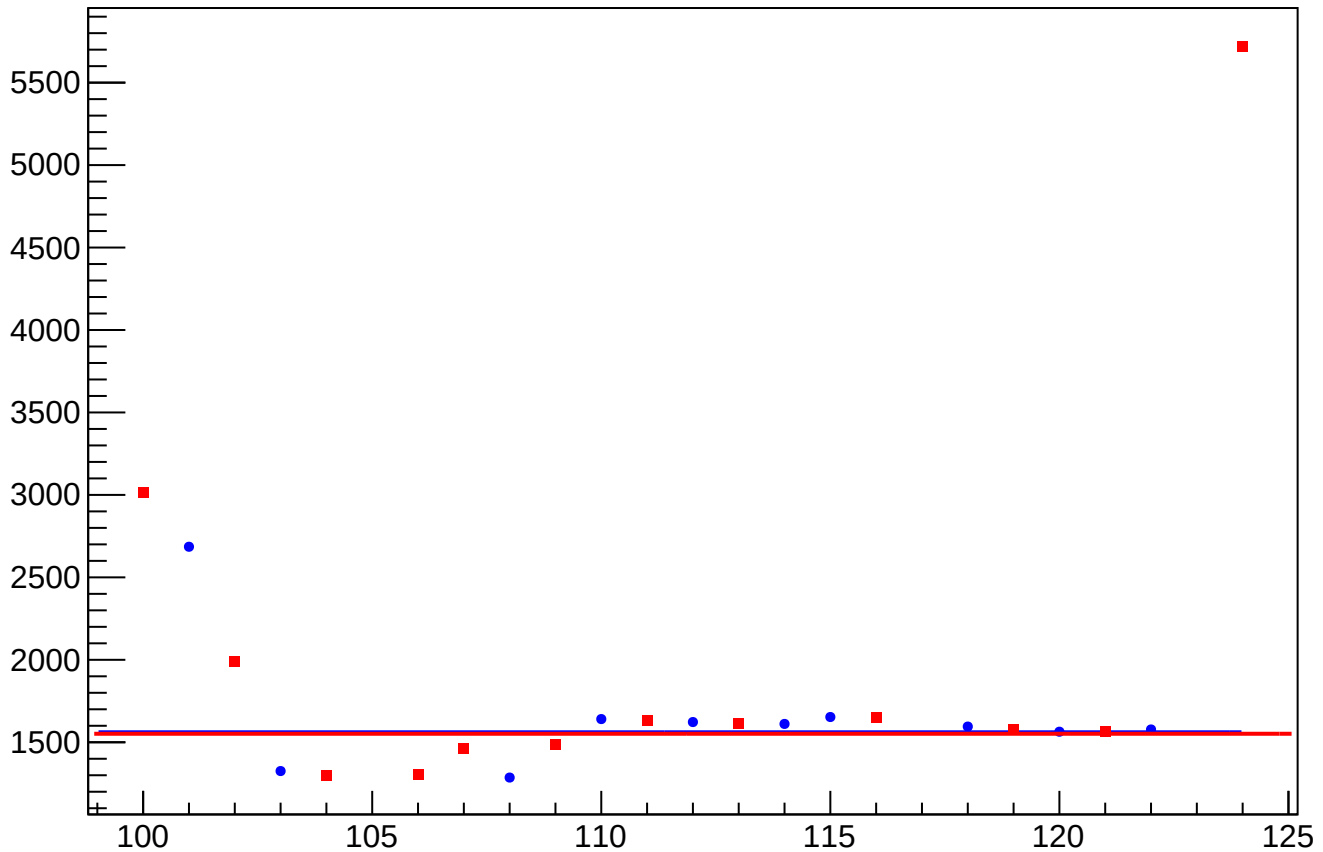
Right: 535.778+/-542.157 χ^2/NDF : 28.2/21

In: 1433.019+/-788.819 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.778+/-542.157 χ^2/NDF : 28.2/21

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1560.499+/-0.558 χ^2/NDF : 307096.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1551.593+/-0.528 χ^2/NDF : 312175.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

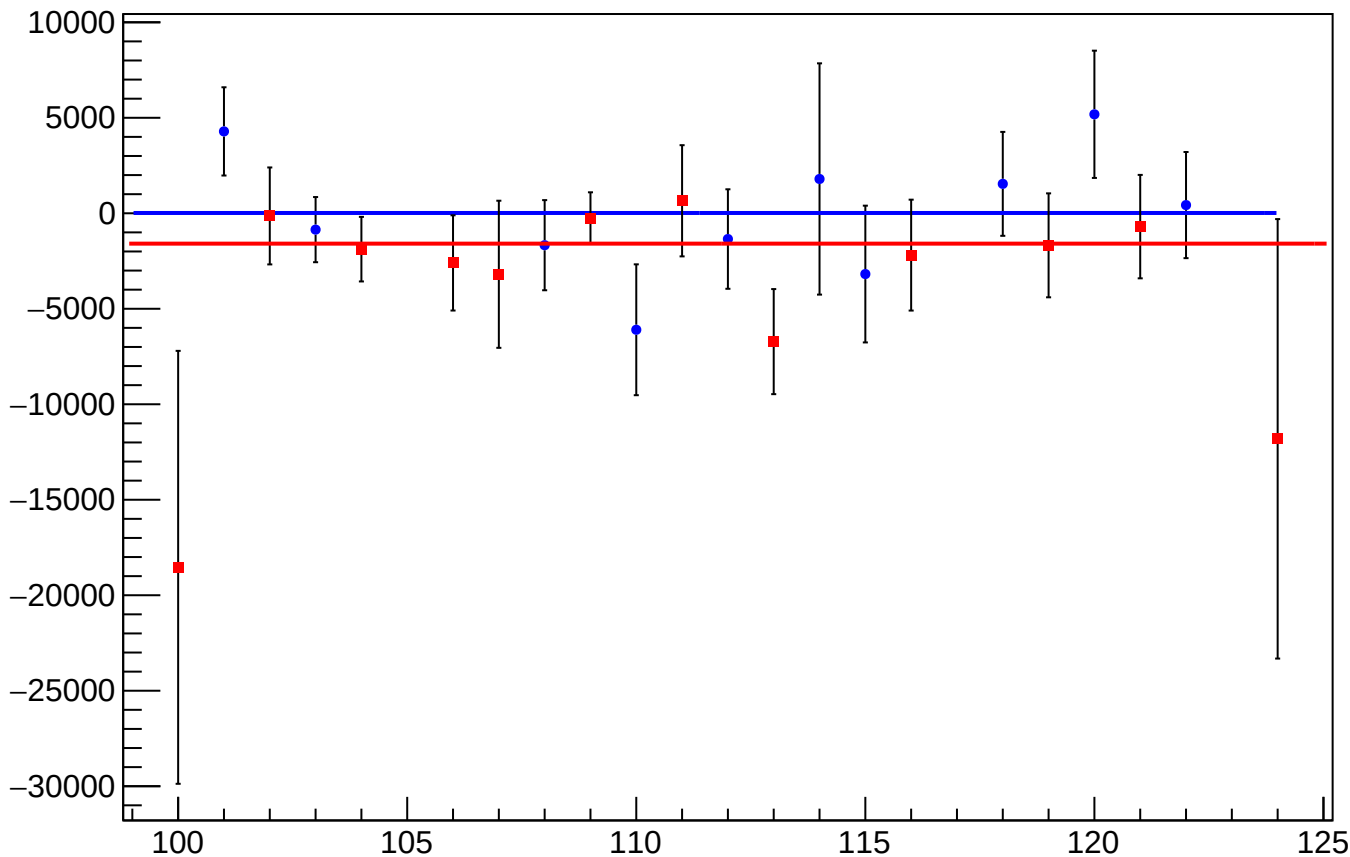
Right: 1555.800+/-0.383 χ^2/NDF : 619406.0/21

In: 1560.499+/-0.558 χ^2/NDF : 307096.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1555.800+/-0.383 χ^2/NDF : 619406.0/21

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 16.086+/-844.305 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1589.708+/-718.761 χ^2/NDF : 8.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

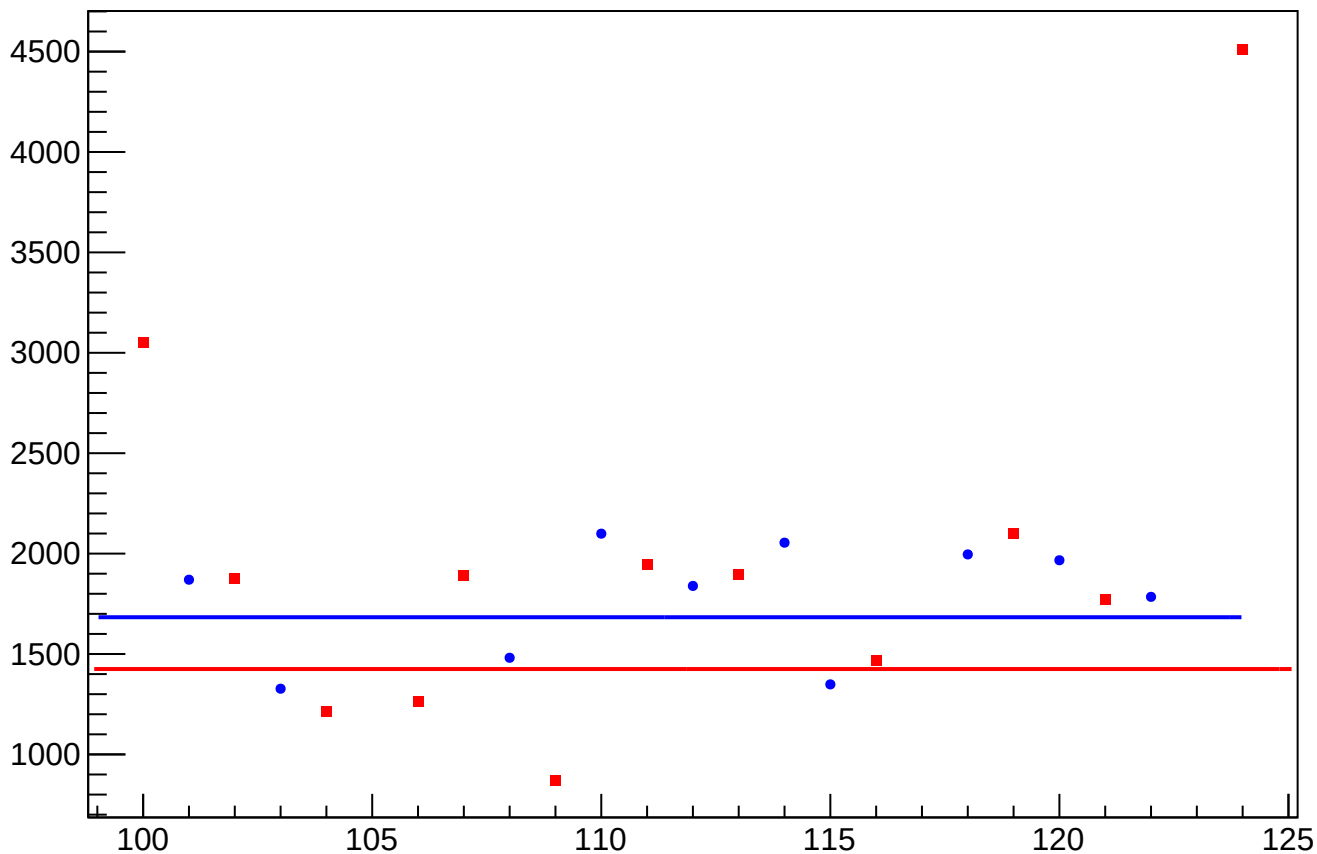
Right: -914.960+/-547.300 χ^2/NDF : 22.3/21

In: 16.086+/-844.305 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -914.960+/-547.300 χ^2/NDF : 22.3/21

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1683.148+/-0.597 χ^2/NDF : 219988.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1425.218+/-0.508 χ^2/NDF : 931527.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

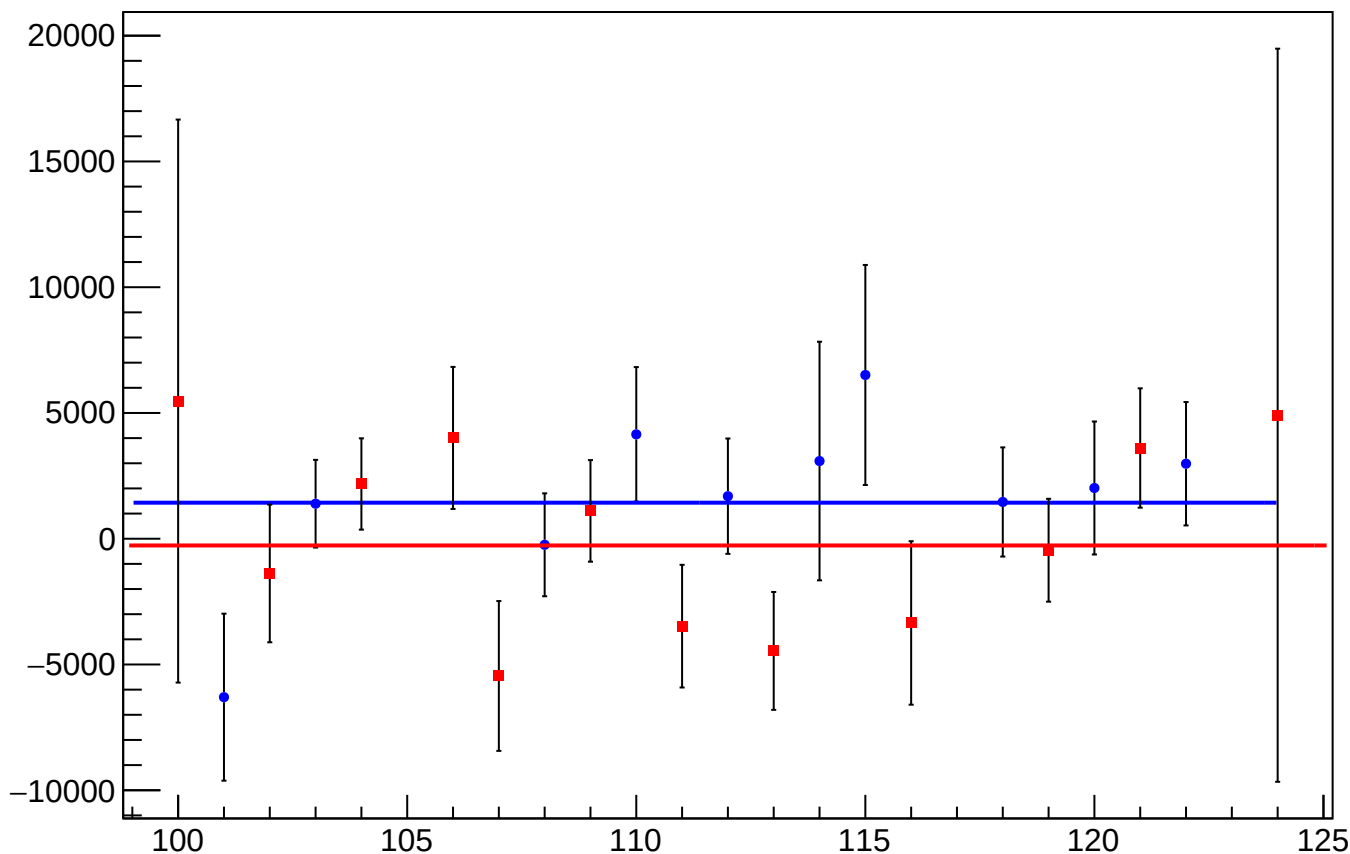
Right: 1533.599+/-0.387 χ^2/NDF : 1259738.1/21

In: 1683.148+/-0.597 χ^2/NDF : 219988.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.599+/-0.387 χ^2/NDF : 1259738.1/21

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1433.019+/-788.819 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -267.538+/-746.391 χ^2/NDF : 16.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

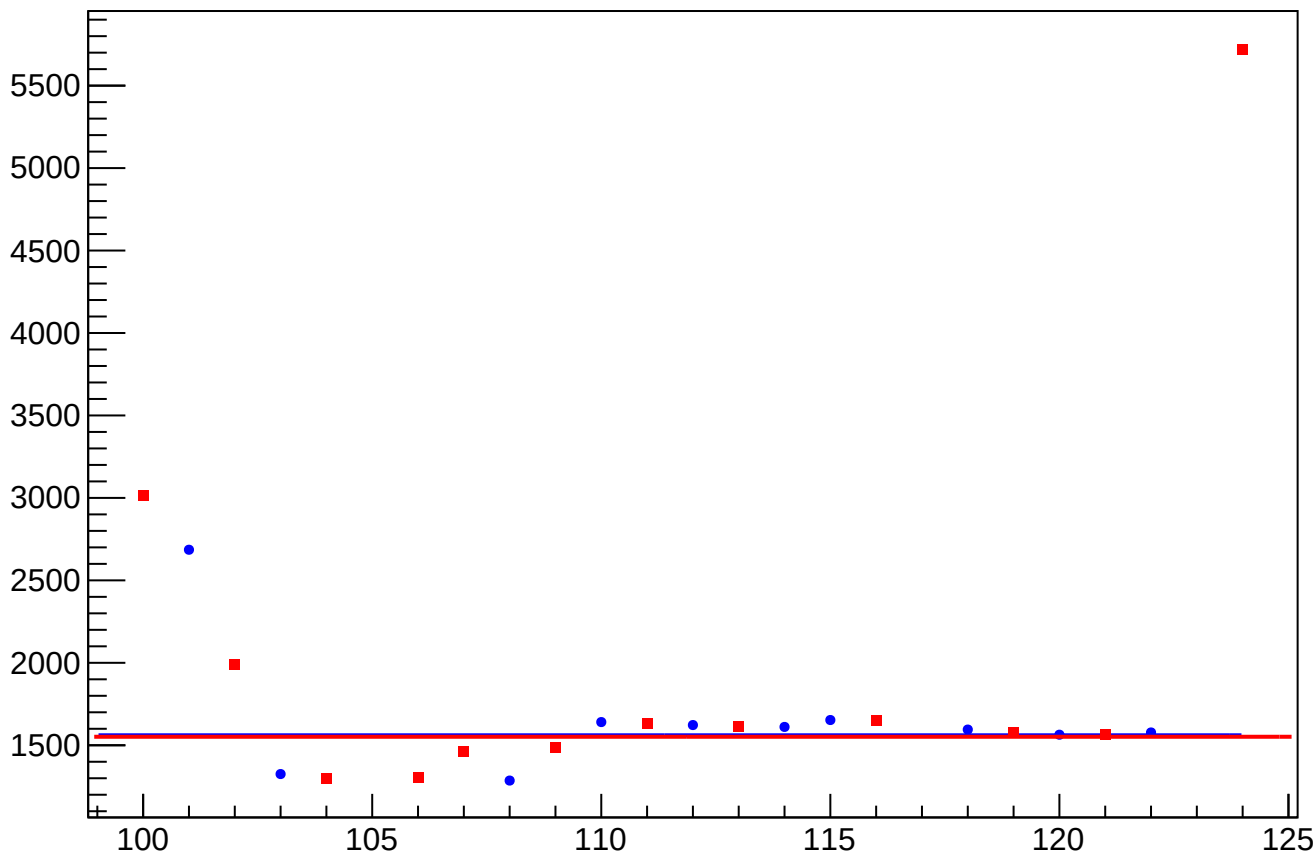
Right: 535.778+/-542.157 χ^2/NDF : 28.2/21

In: 1433.019+/-788.819 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 535.778+/-542.157 χ^2/NDF : 28.2/21

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1560.499+/-0.558 χ^2/NDF : 307096.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1551.593+/-0.528 χ^2/NDF : 312175.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

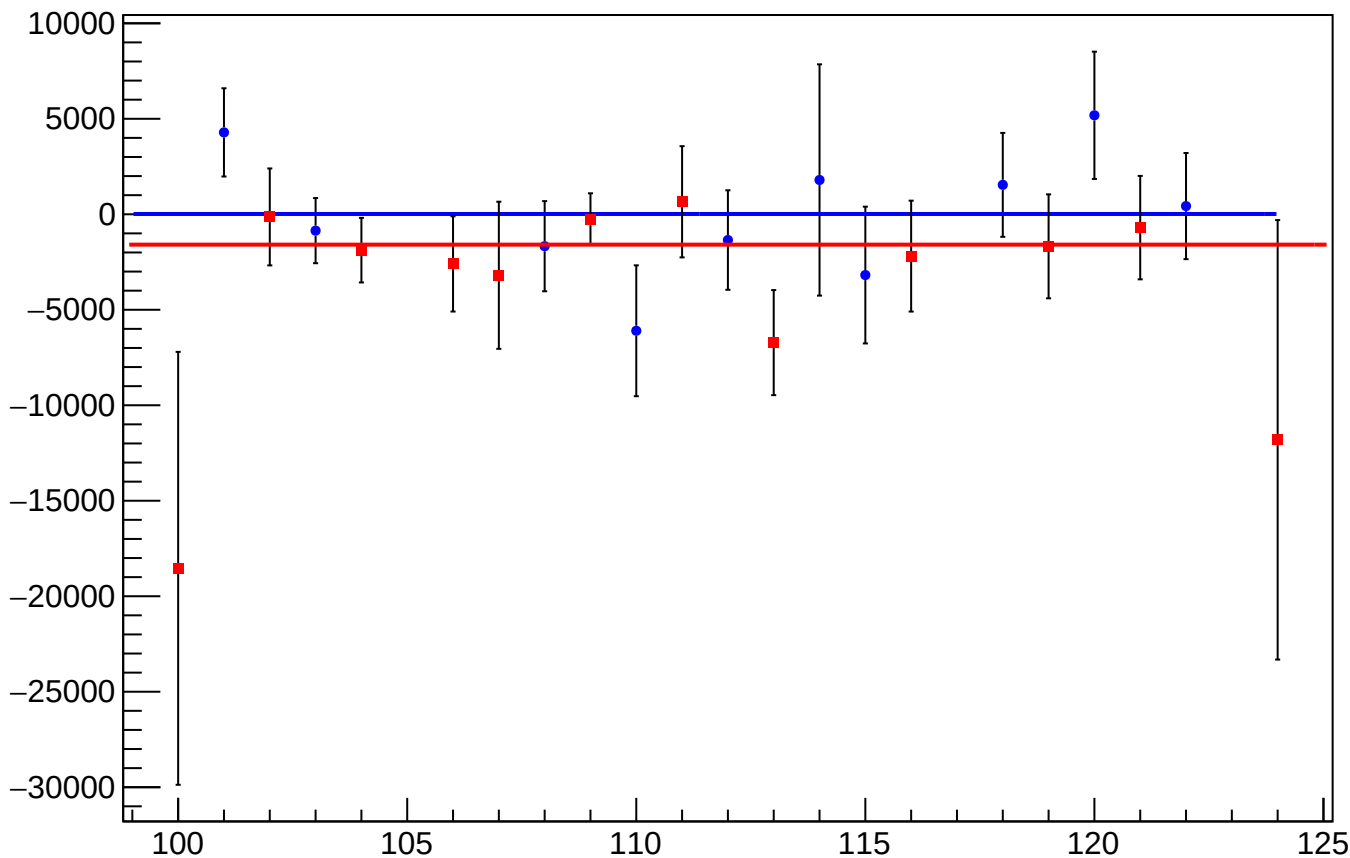
Right: 1555.800+/-0.383 χ^2/NDF : 619406.0/21

In: 1560.499+/-0.558 χ^2/NDF : 307096.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1555.800+/-0.383 χ^2/NDF : 619406.0/21

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 16.086+/-844.305 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1589.708+/-718.761 χ^2/NDF : 8.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

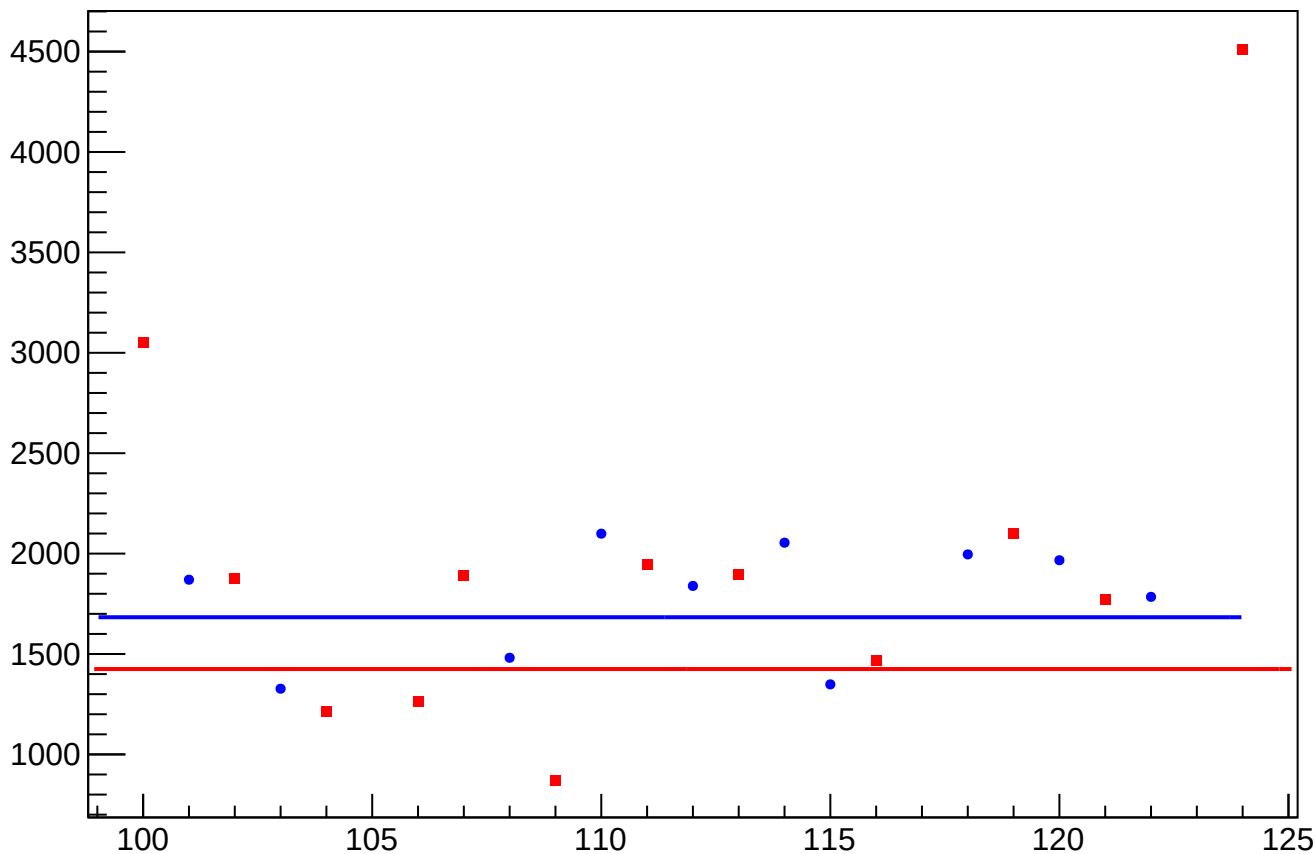
Right: -914.960+/-547.300 χ^2/NDF : 22.3/21

In: 16.086+/-844.305 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -914.960+/-547.300 χ^2/NDF : 22.3/21

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1683.148+/-0.597 χ^2/NDF : 219988.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1425.218+/-0.508 χ^2/NDF : 931527.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

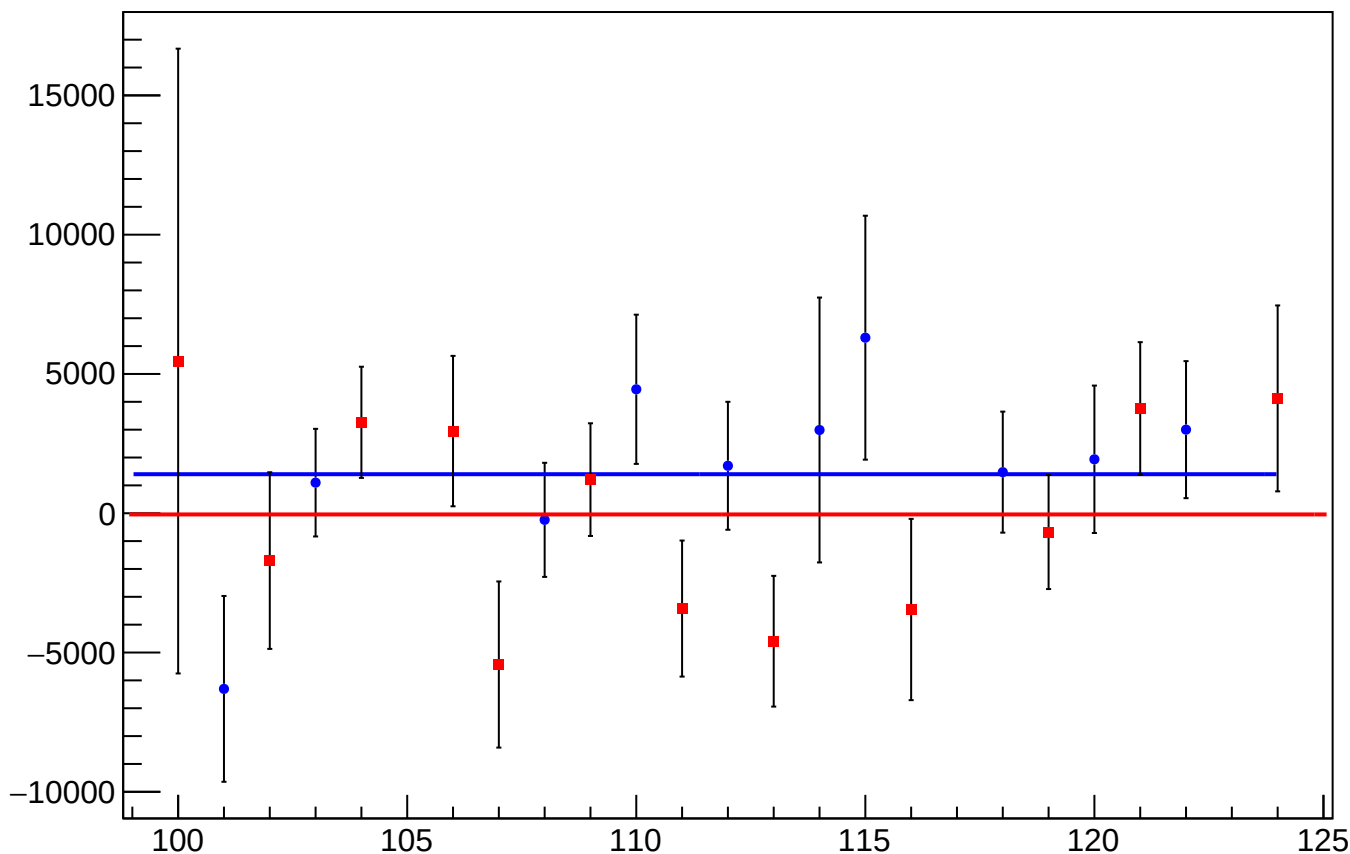
Right: 1533.599+/-0.387 χ^2/NDF : 1259738.1/21

In: 1683.148+/-0.597 χ^2/NDF : 219988.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.599+/-0.387 χ^2/NDF : 1259738.1/21

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1401.252+/-805.338 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -42.739+/-745.024 χ^2/NDF : 19.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

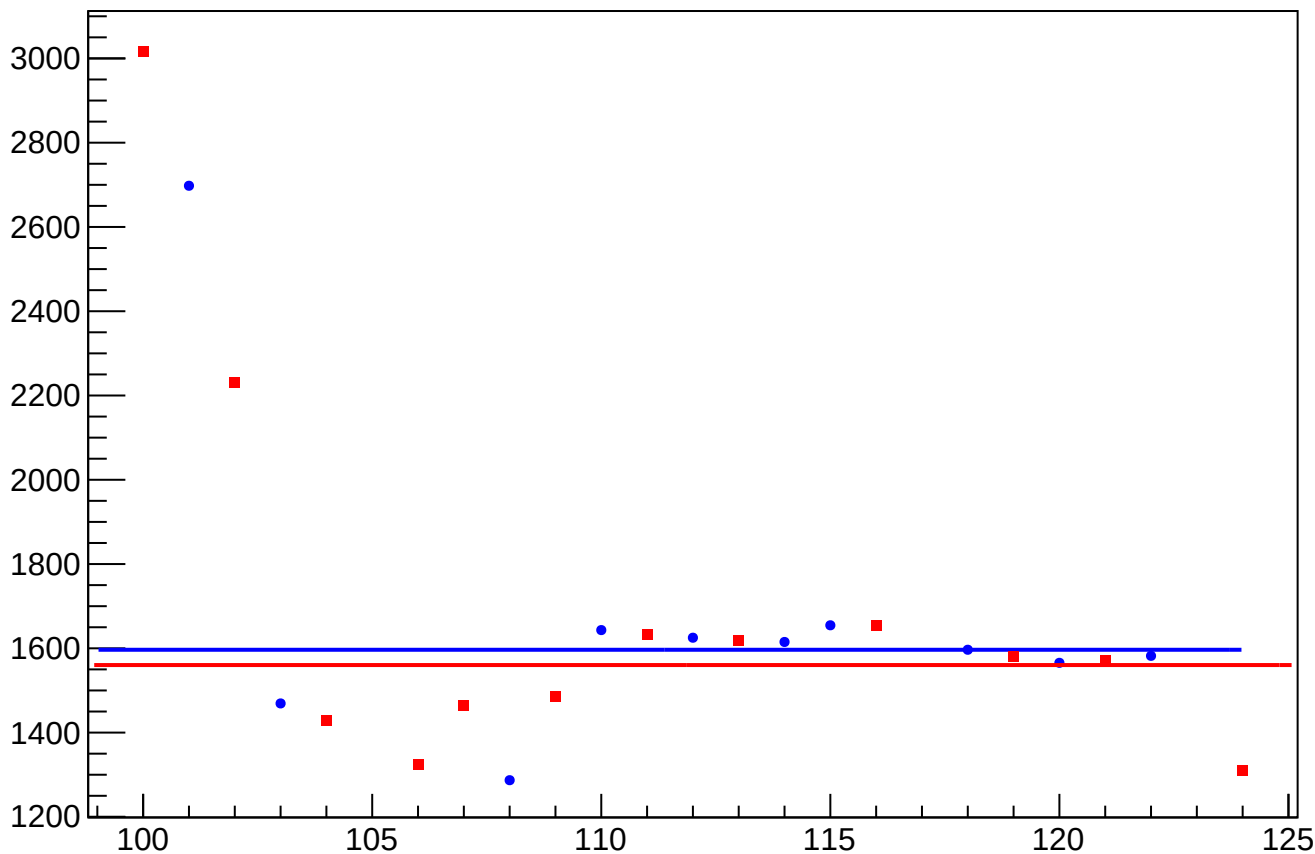
Right: 623.165+/-546.892 χ^2/NDF : 30.0/21

In: 1401.252+/-805.338 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 623.165+/-546.892 χ^2/NDF : 30.0/21

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1596.568 $\pm$ 0.569 χ^2 /NDF: 274054.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1560.300 $\pm$ 0.527 χ^2 /NDF: 167630.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

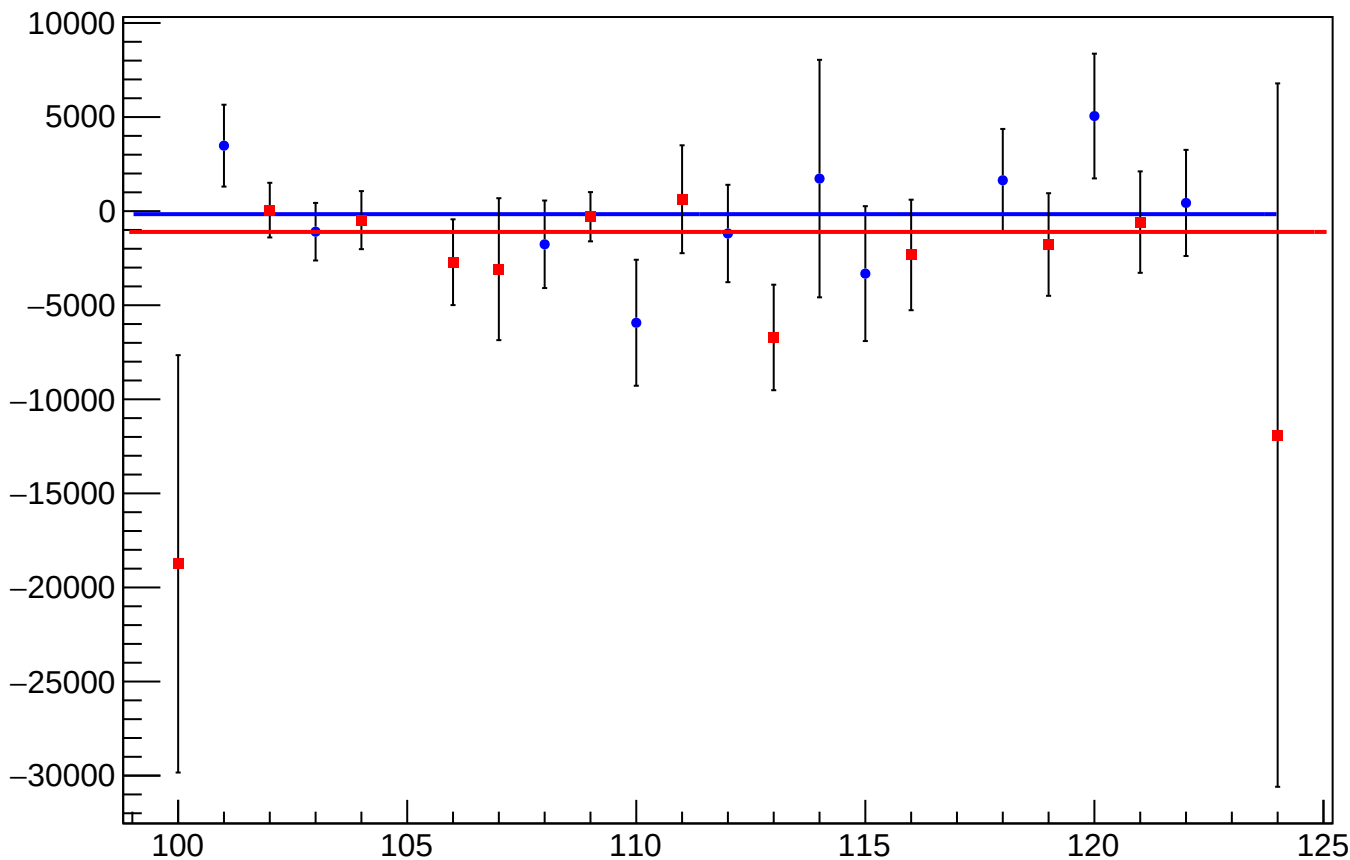
Right: 1577.025 $\pm$ 0.387 χ^2 /NDF: 443870.6/21

In: 1596.568 $\pm$ 0.569 χ^2 /NDF:274054.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1577.025 $\pm$ 0.387 χ^2 /NDF: 443870.6/21

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -160.662+/-812.184 χ^2 /NDF: 10.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1104.556+/-646.941 χ^2 /NDF: 9.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

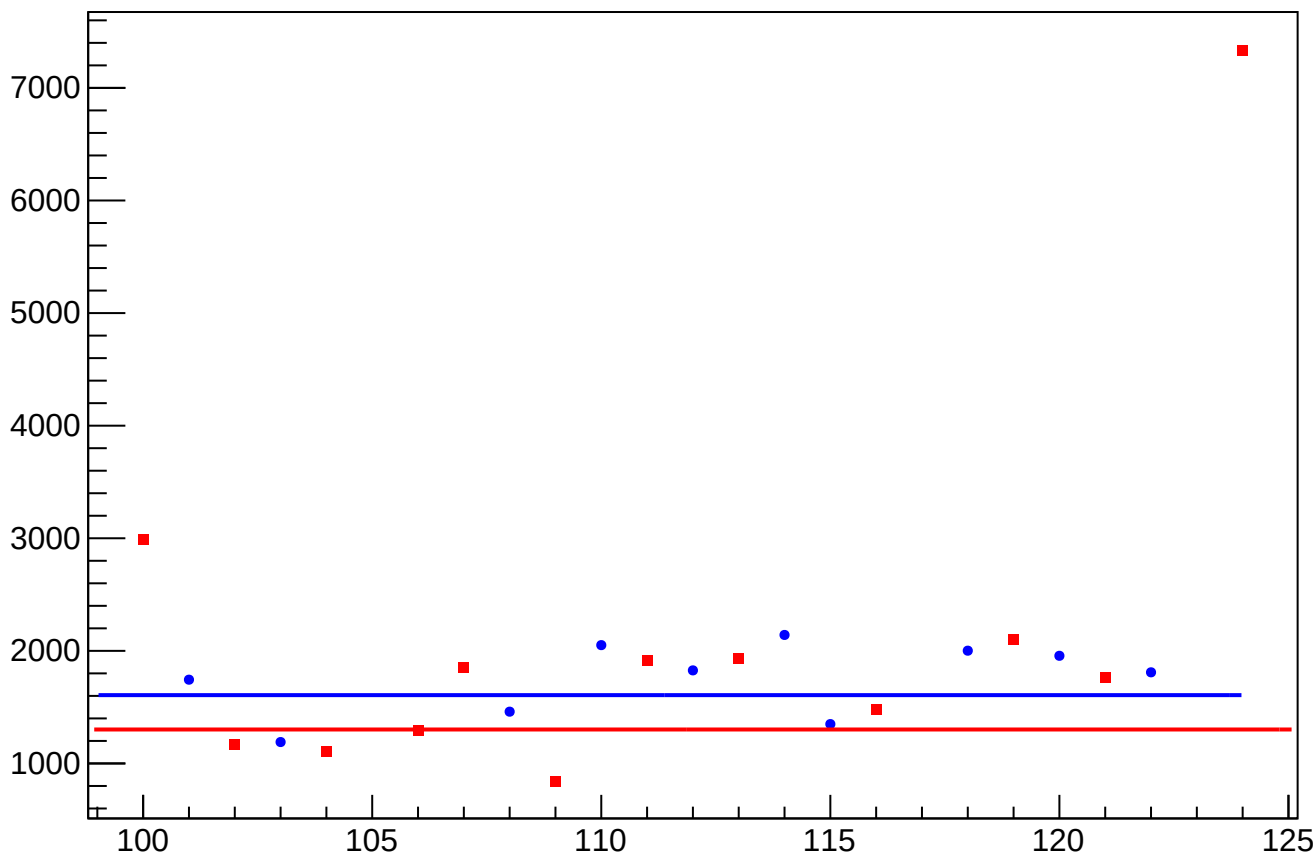
Right: -738.150+/-506.028 χ^2 /NDF: 20.9/21

In: -160.662+/-812.184 χ^2 /NDF:10.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -738.150+/-506.028 χ^2 /NDF: 20.9/21

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1606.787+/-0.574 χ^2/NDF : 312990.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.646+/-0.457 χ^2/NDF : 1026477.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

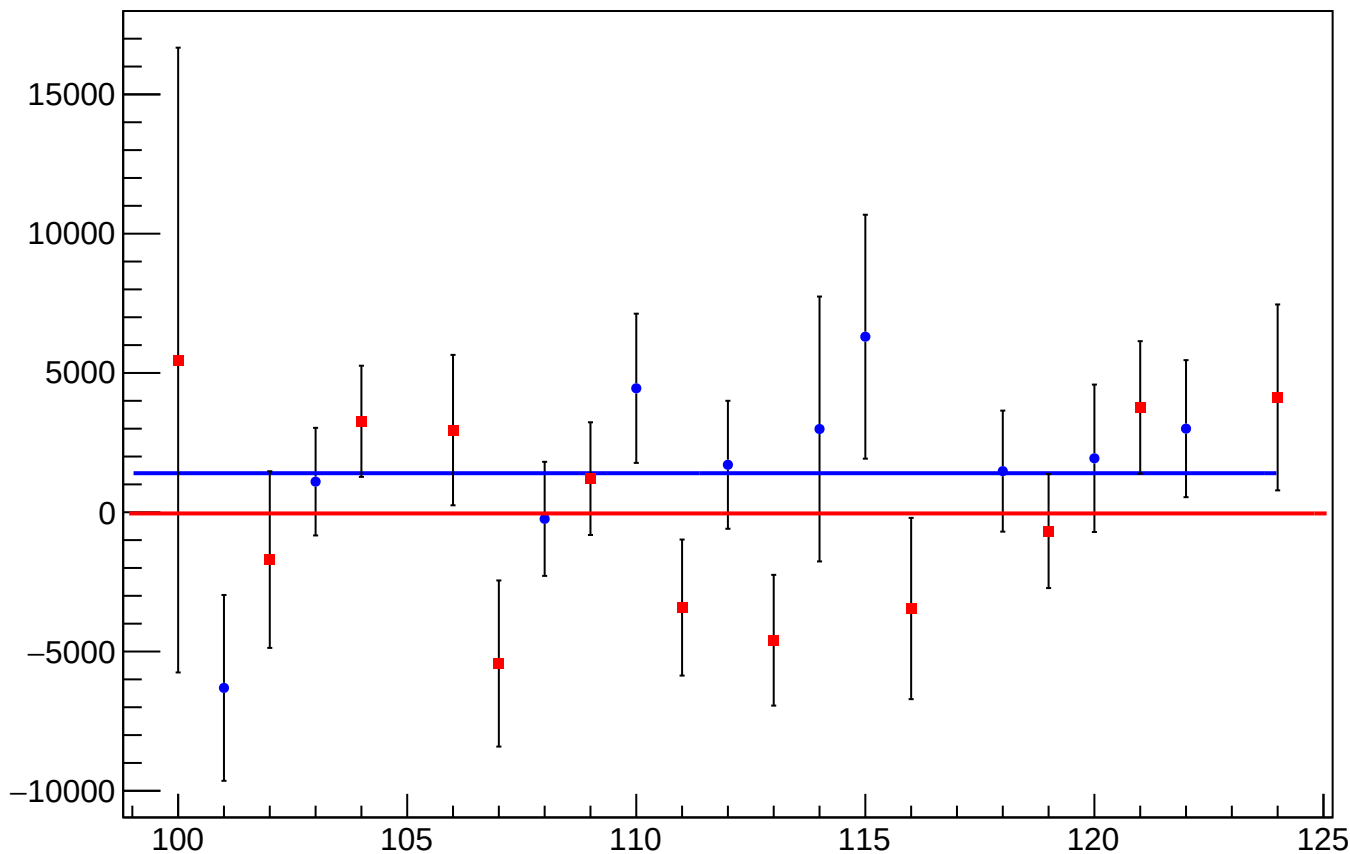
Right: 1420.098+/-0.358 χ^2/NDF : 1512186.8/21

In: 1606.787+/-0.574 χ^2/NDF : 312990.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1420.098+/-0.358 χ^2/NDF : 1512186.8/21

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1401.246+/-805.338 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.737+/-745.024 χ^2/NDF : 19.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

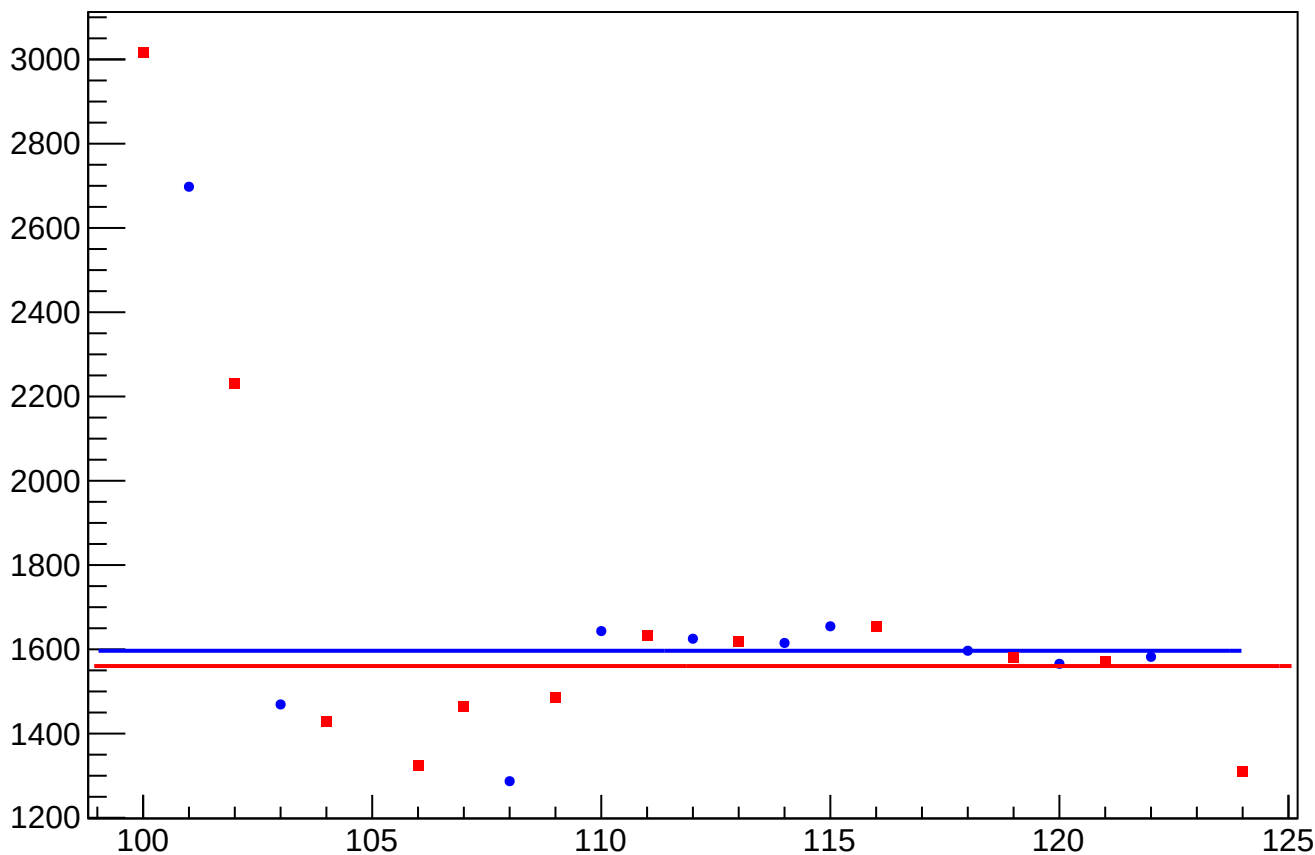
Right: 623.163+/-546.892 χ^2/NDF : 30.0/21

In: 1401.246+/-805.338 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.163+/-546.892 χ^2/NDF : 30.0/21

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1596.568 $\pm$ 0.569 χ^2 /NDF: 274054.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1560.300 $\pm$ 0.527 χ^2 /NDF: 167630.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

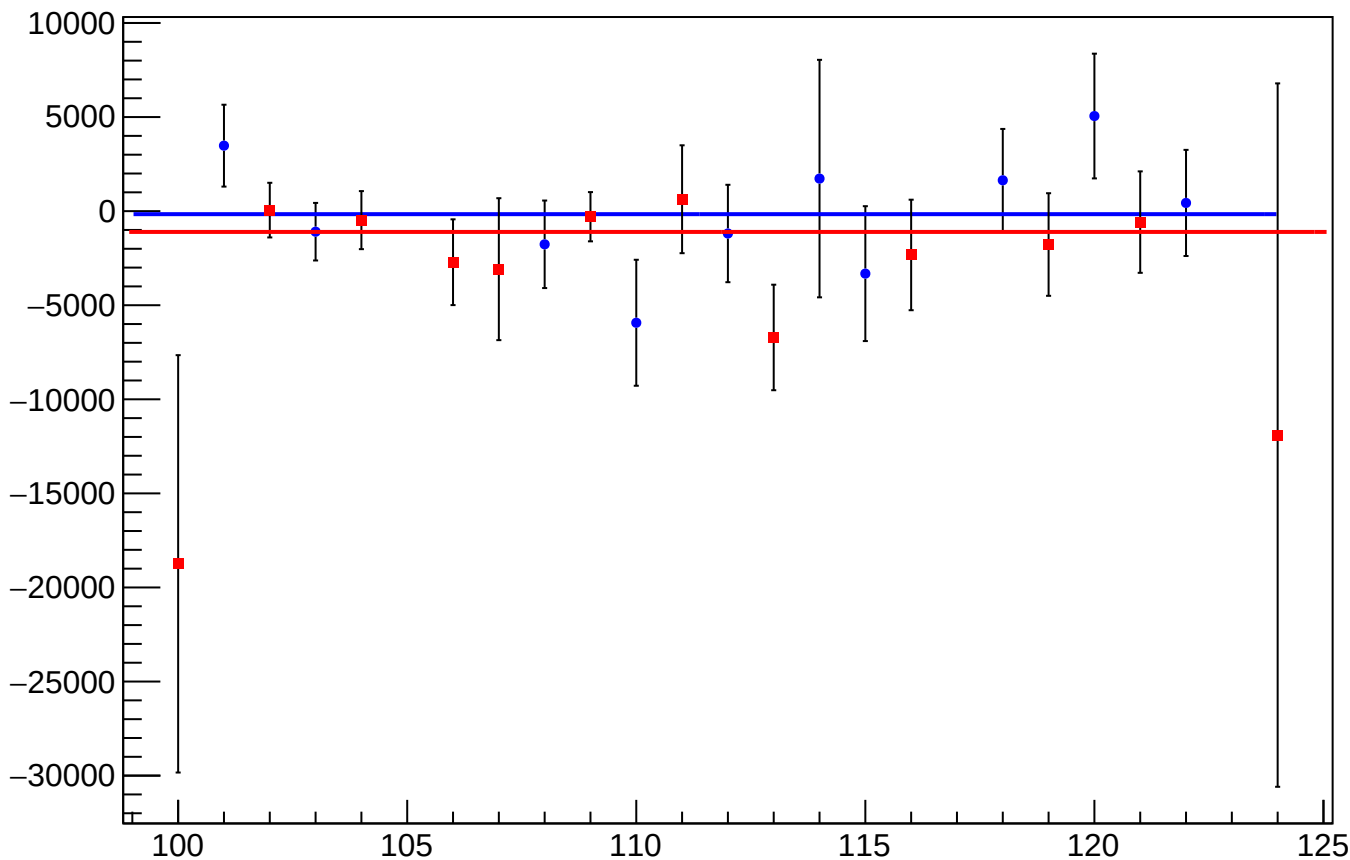
Right: 1577.025 $\pm$ 0.387 χ^2 /NDF: 443870.6/21

In: 1596.568 $\pm$ 0.569 χ^2 /NDF:274054.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1577.025 $\pm$ 0.387 χ^2 /NDF: 443870.6/21

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -160.661+/-812.182 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1104.559+/-646.943 χ^2/NDF : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

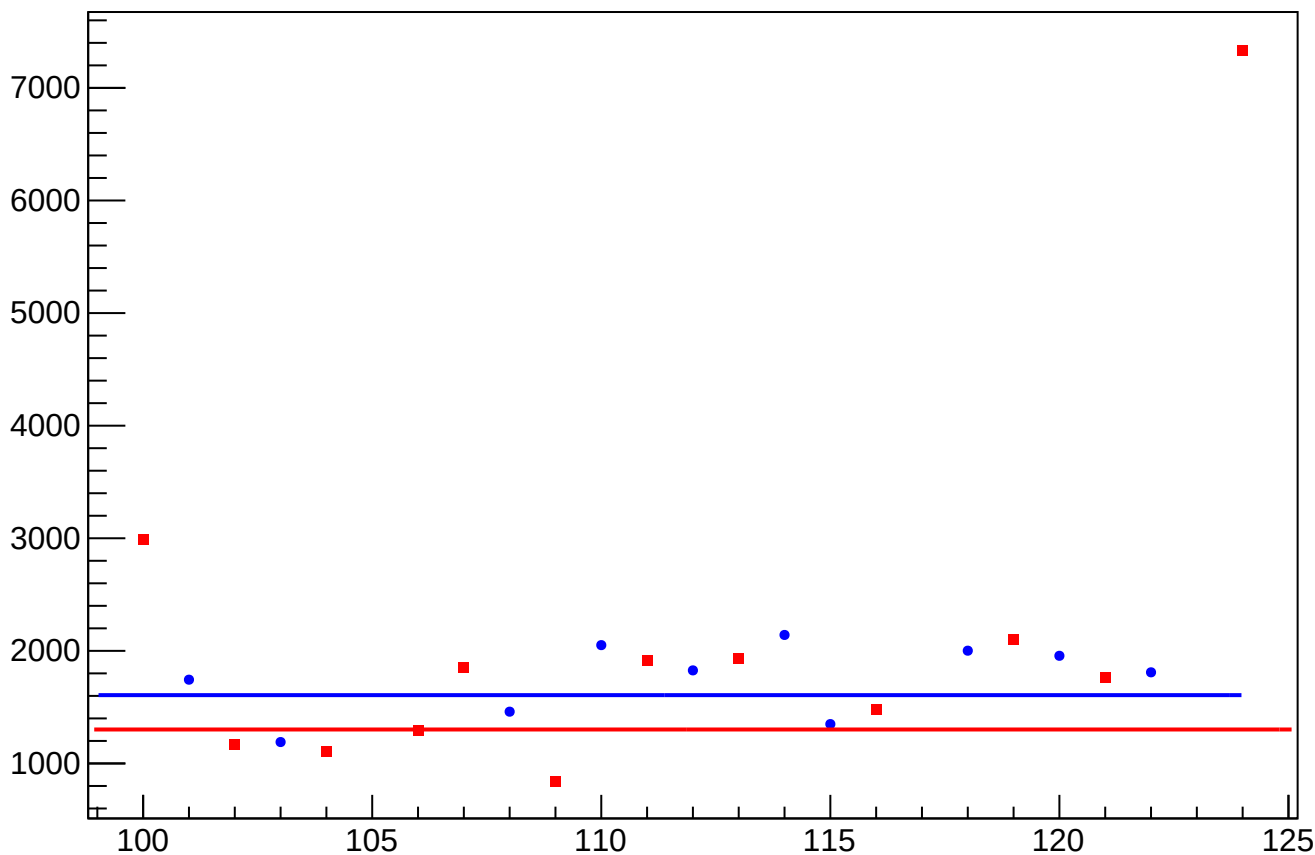
Right: -738.149+/-506.028 χ^2/NDF : 20.9/21

In: -160.661+/-812.182 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -738.149+/-506.028 χ^2/NDF : 20.9/21

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1606.784+/-0.574 χ^2/NDF : 312984.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.652+/-0.457 χ^2/NDF : 1026455.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

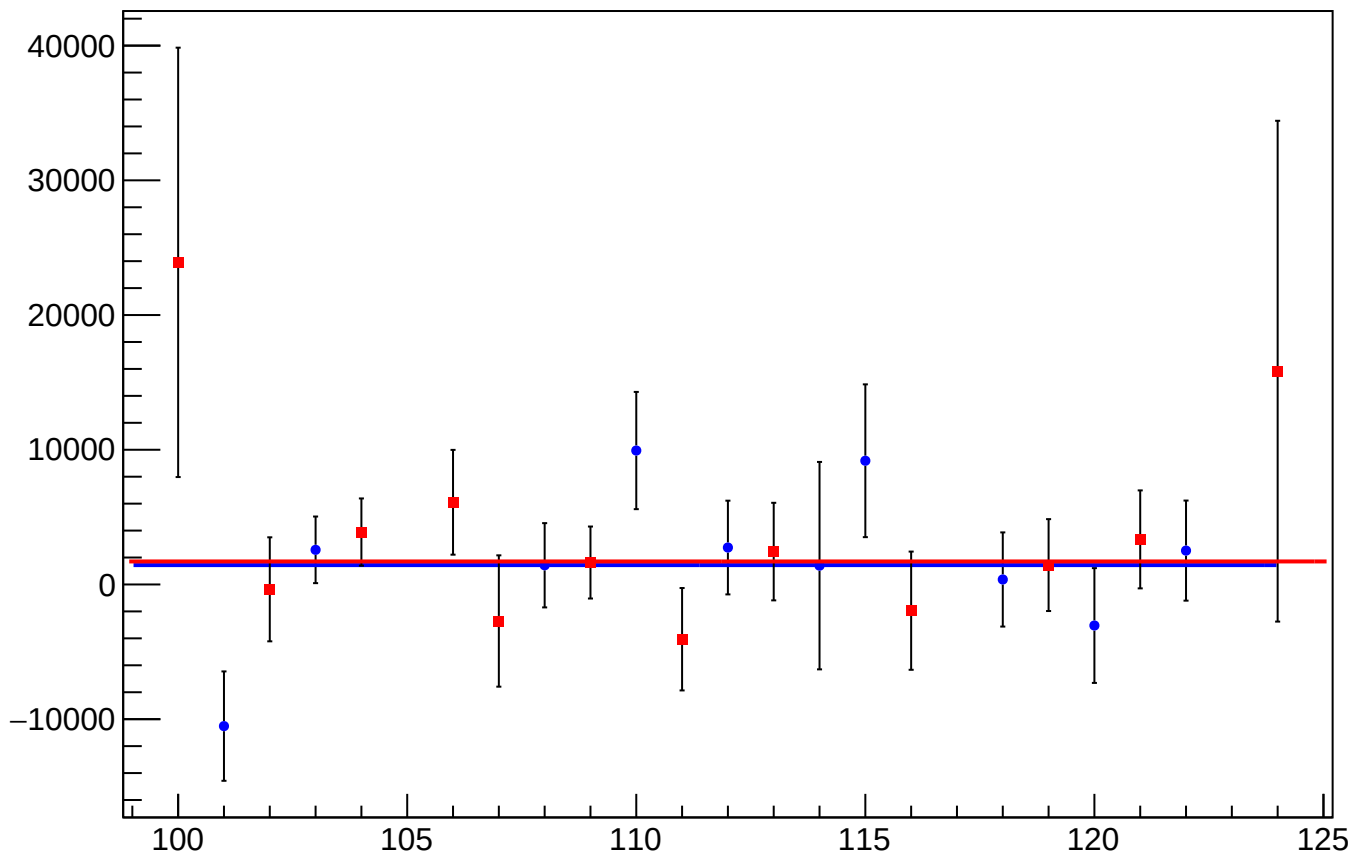
Right: 1420.101+/-0.358 χ^2/NDF : 1512150.4/21

In: 1606.784+/-0.574 χ^2/NDF : 312984.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1420.101+/-0.358 χ^2/NDF : 1512150.4/21

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1436.950+/-1179.170 χ^2/NDF : 16.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.860+/-1089.914 χ^2/NDF : 8.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

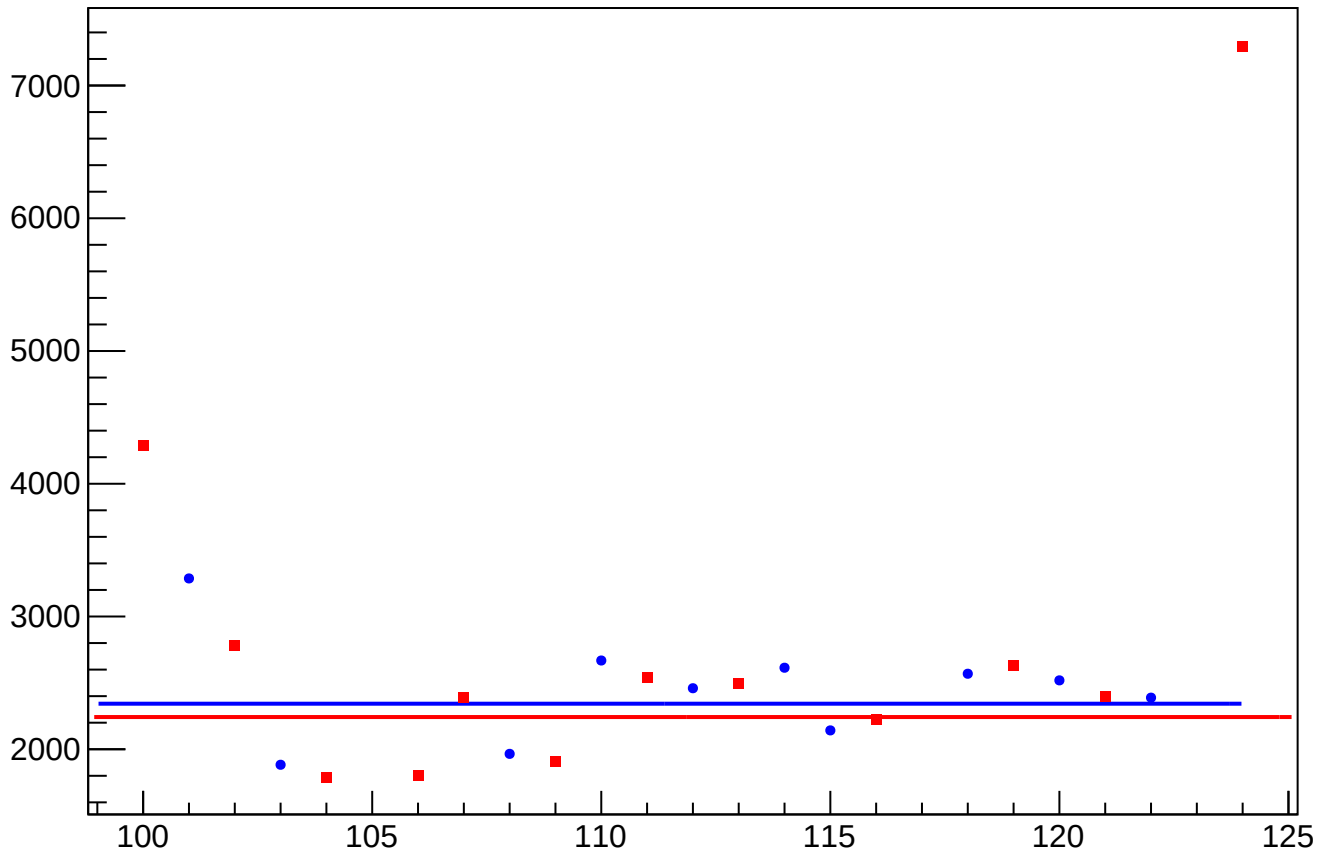
Right: 1583.584+/-800.382 χ^2/NDF : 24.9/21

In: 1436.950+/-1179.170 χ^2/NDF : 16.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1583.584+/-800.382 χ^2/NDF : 24.9/21

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2343.108+/-0.834 χ^2/NDF : 236881.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2242.629+/-0.771 χ^2/NDF : 397789.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

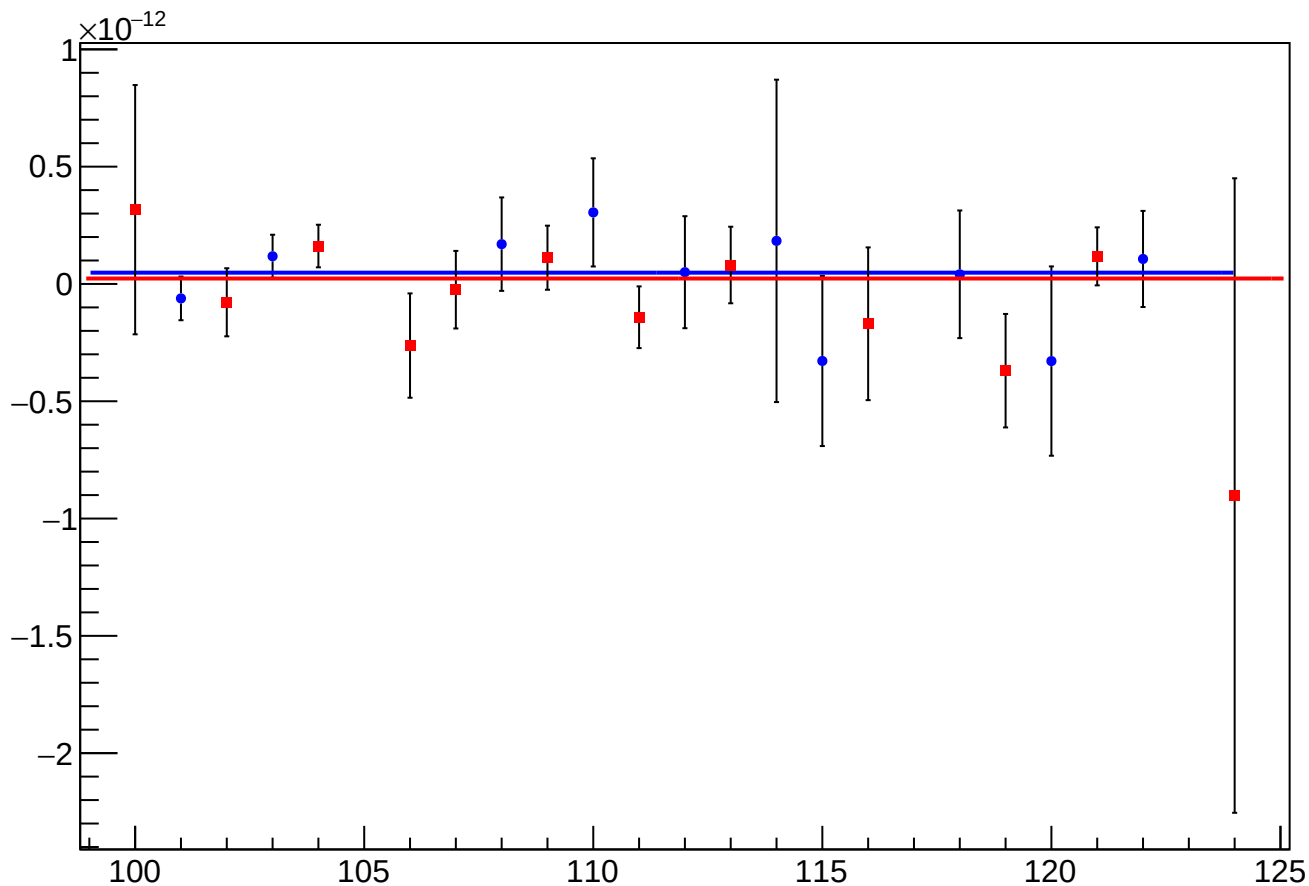
Right: 2288.922+/-0.566 χ^2/NDF : 642501.6/21

In: 2343.108+/-0.834 χ^2/NDF : 236881.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2288.922+/-0.566 χ^2/NDF : 642501.6/21

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

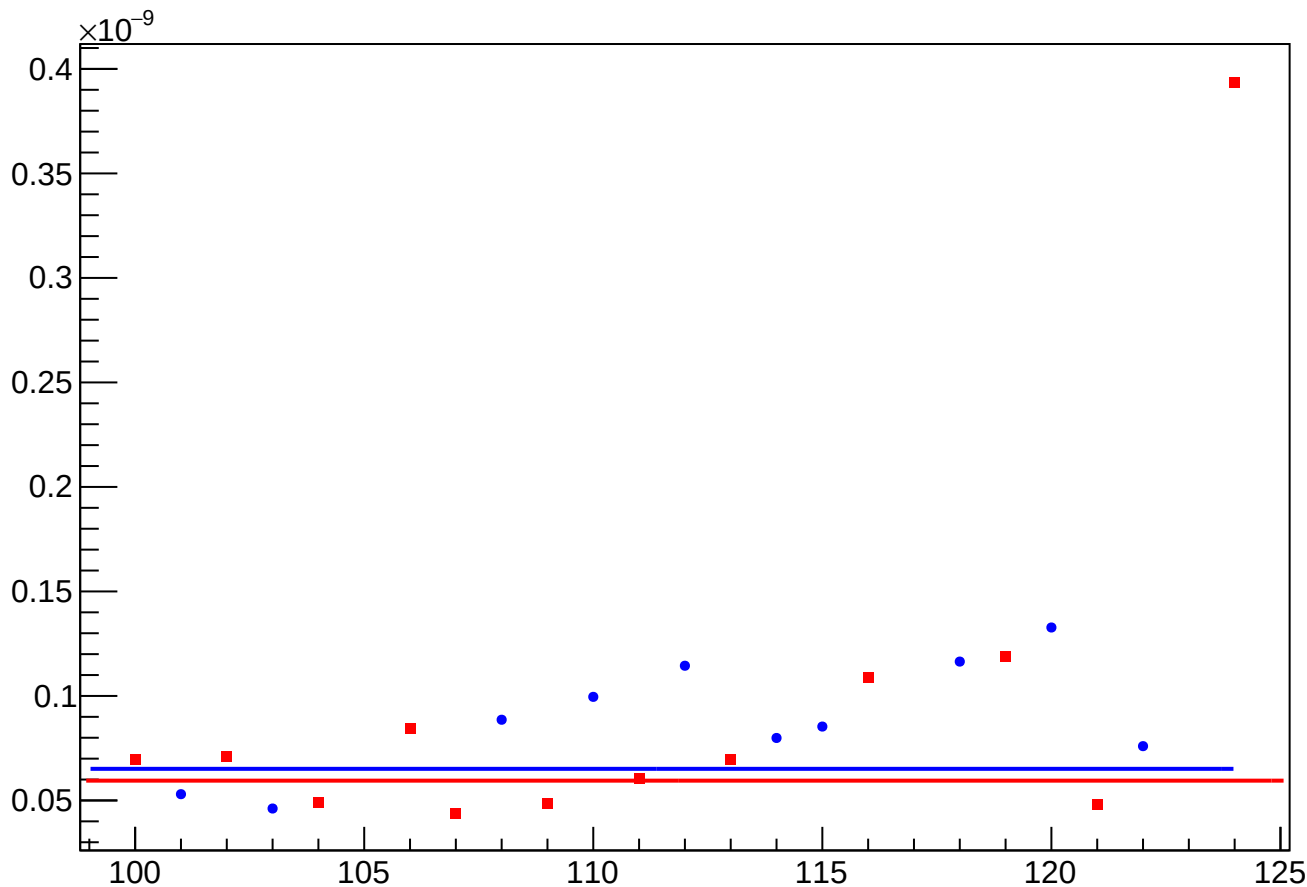
Right: 0.000+/-0.000 χ^2/NDF : 16.8/21

In: 0.000+/-0.000 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.8/21

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 417624.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 408883.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

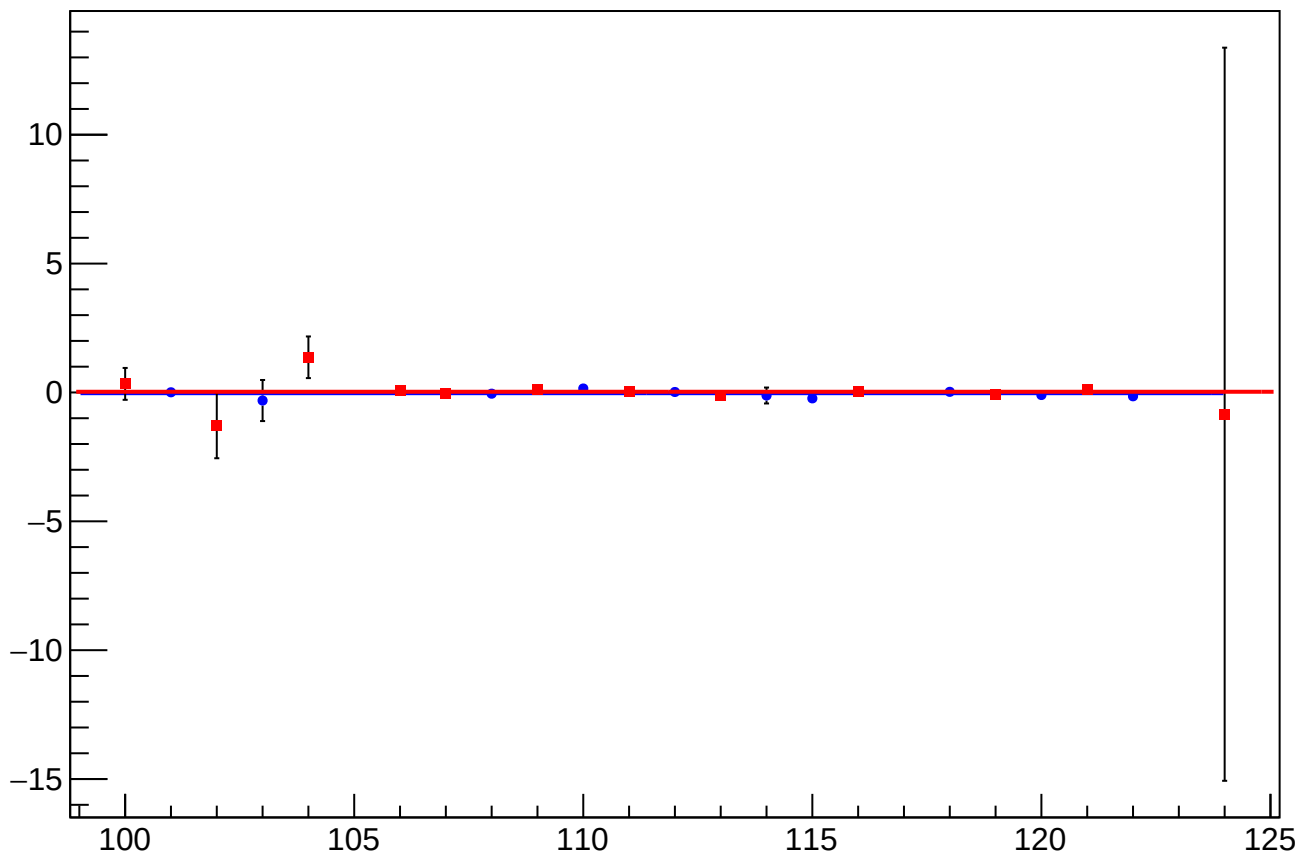
Right: 0.000+/-0.000 χ^2/NDF : 839313.3/21

In: 0.000+/-0.000 χ^2/NDF : 417624.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 839313.3/21

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 ± 0.037 χ^2/NDF : 5.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.027 ± 0.033 χ^2/NDF : 9.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

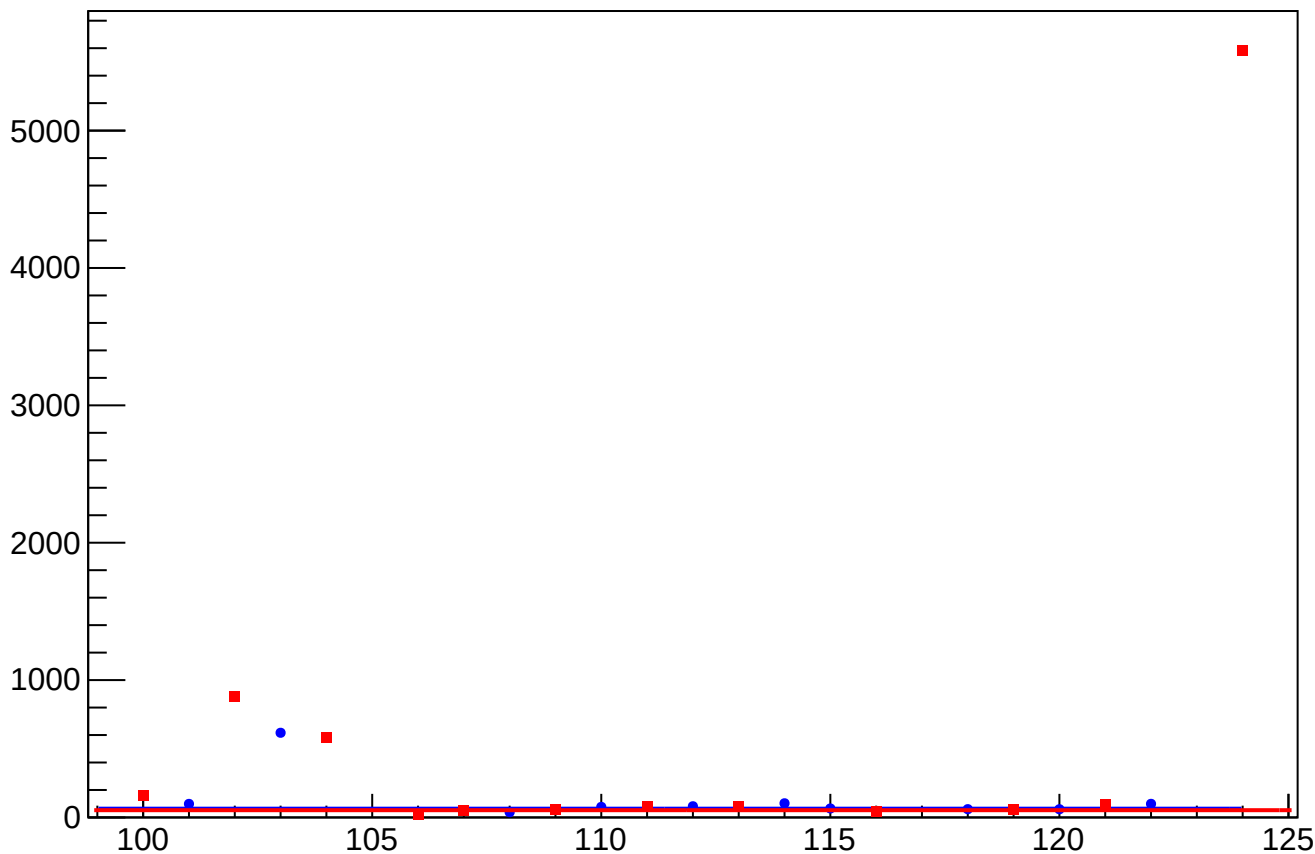
Right: 0.002 ± 0.024 χ^2/NDF : 16.0/21

In: -0.028 ± 0.037 χ^2/NDF : 5.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.024 χ^2/NDF : 16.0/21

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.865+/-0.026 χ^2/NDF : 1599757.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.899+/-0.023 χ^2/NDF : 2867259.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

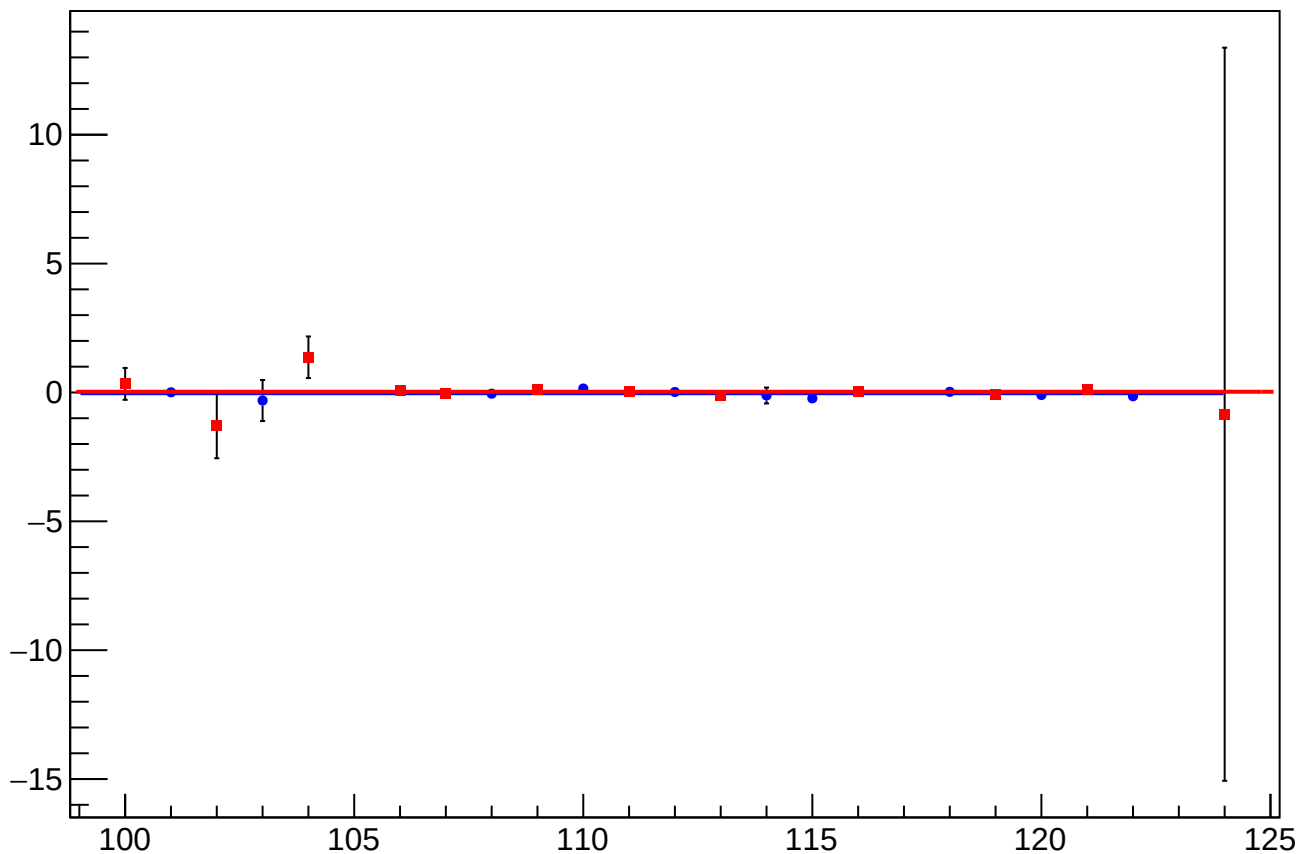
Right: 57.740+/-0.017 χ^2/NDF : 4565943.9/21

In: 63.865+/-0.026 χ^2/NDF : 1599757.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.740+/-0.017 χ^2/NDF : 4565943.9/21

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.037 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.027+/-0.033 χ^2/NDF : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

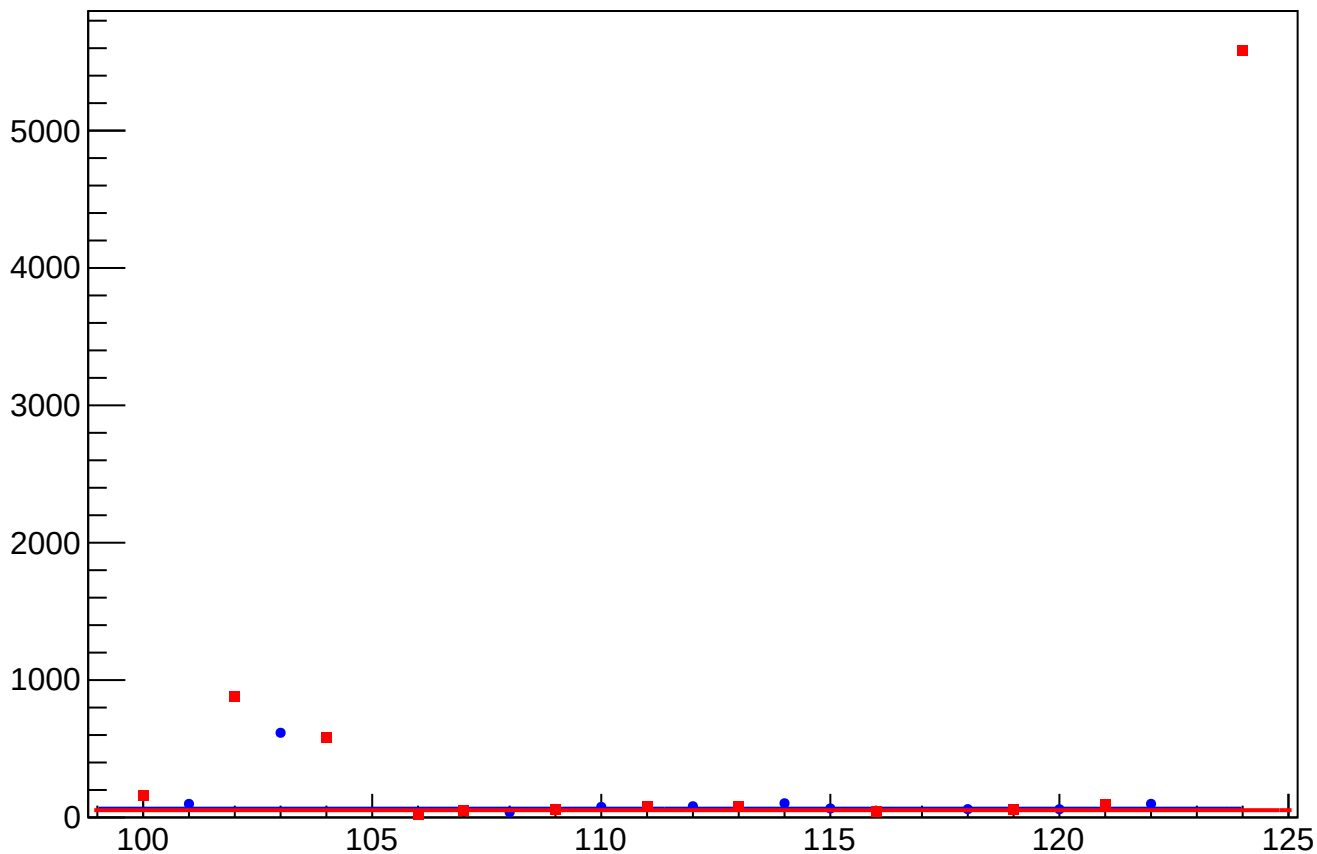
Right: 0.002+/-0.024 χ^2/NDF : 16.0/21

In: -0.028+/-0.037 χ^2/NDF :5.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.024 χ^2/NDF : 16.0/21

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.865+/-0.026 χ^2/NDF : 1599757.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.899+/-0.023 χ^2/NDF : 2867259.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

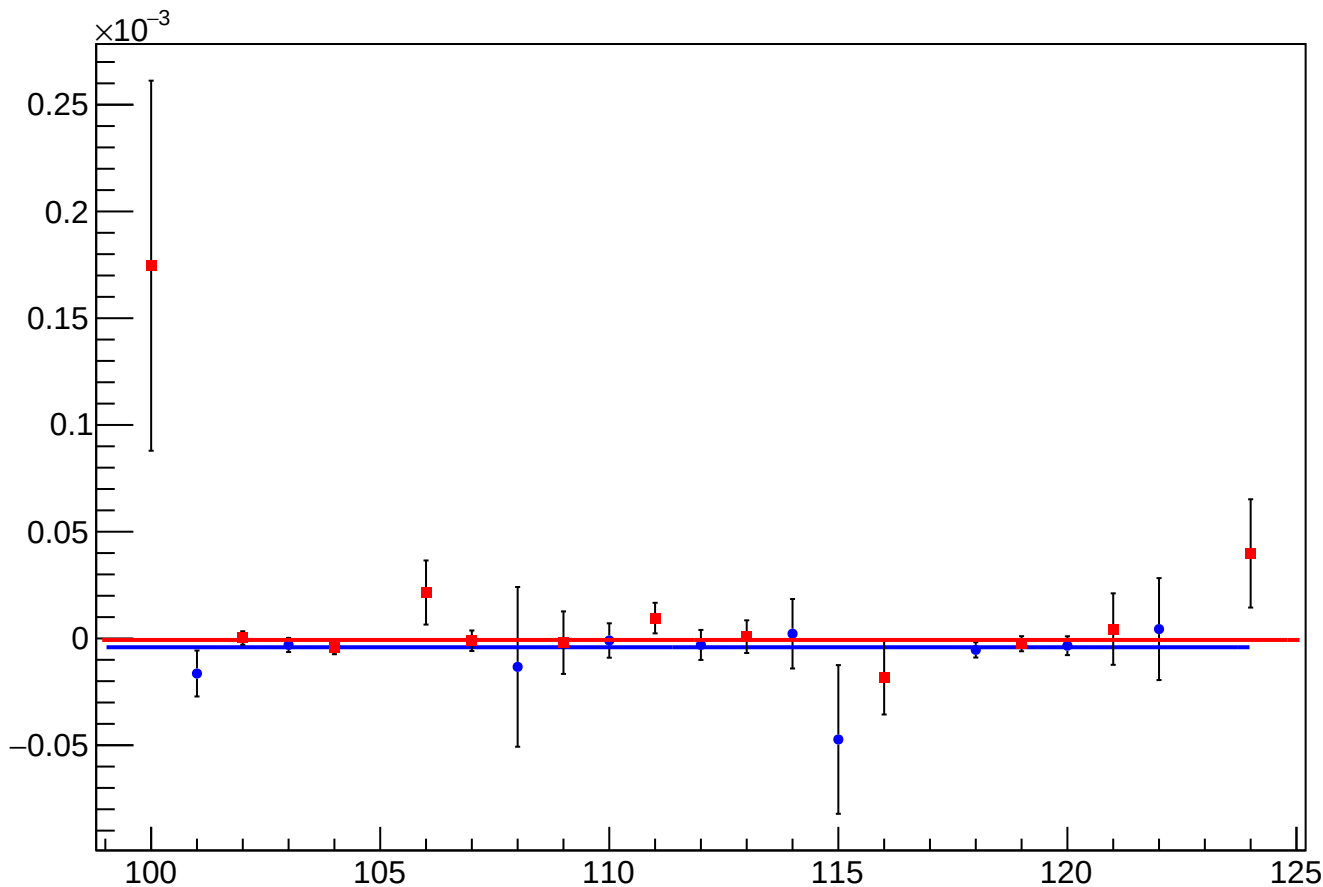
Right: 57.740+/-0.017 χ^2/NDF : 4565943.9/21

In: 63.865+/-0.026 χ^2/NDF : 1599757.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.740+/-0.017 χ^2/NDF : 4565943.9/21

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 3.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 13.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

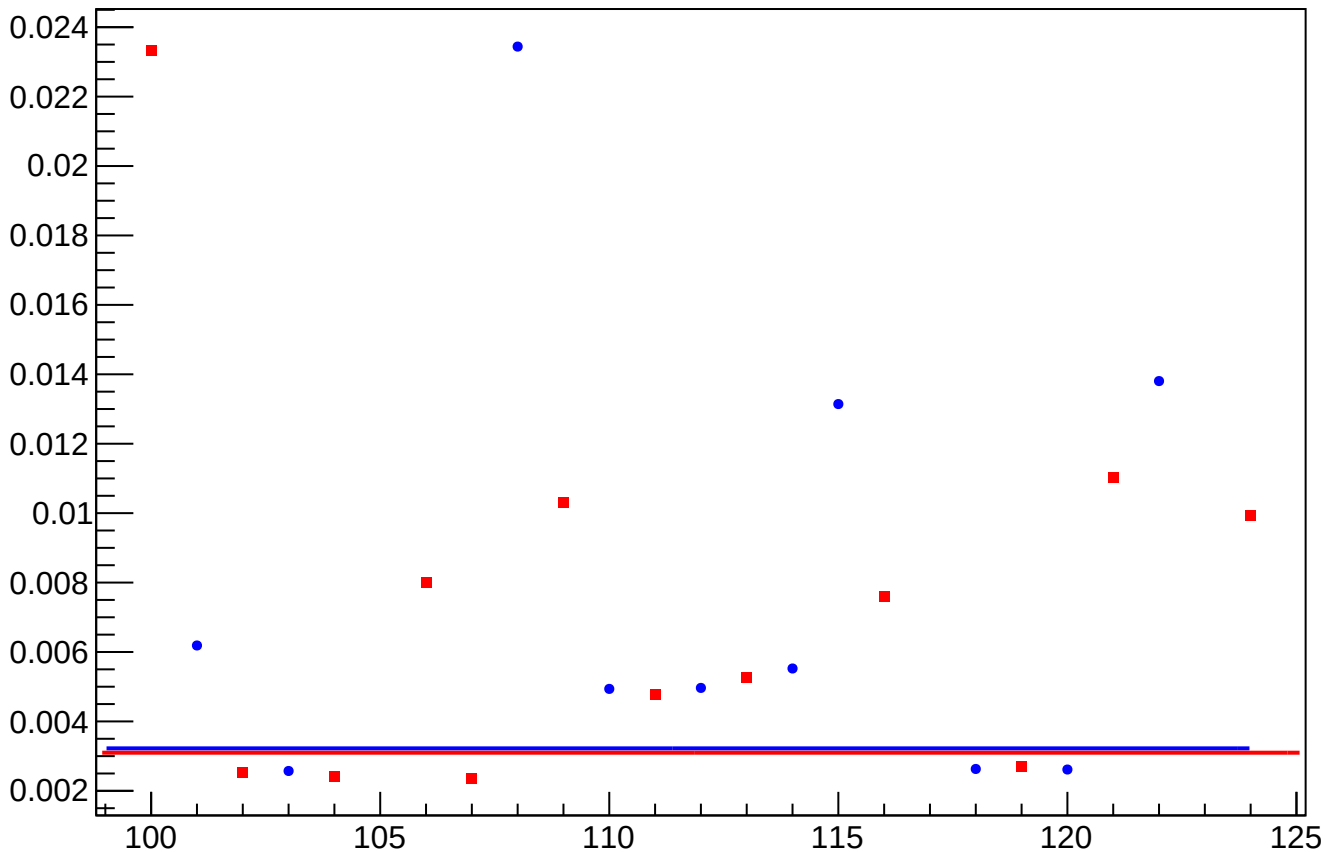
Right: -0.000 ± 0.000 χ^2/NDF : 18.8/21

In: -0.000 ± 0.000 χ^2/NDF : 3.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 18.8/21

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1714787.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2030996.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

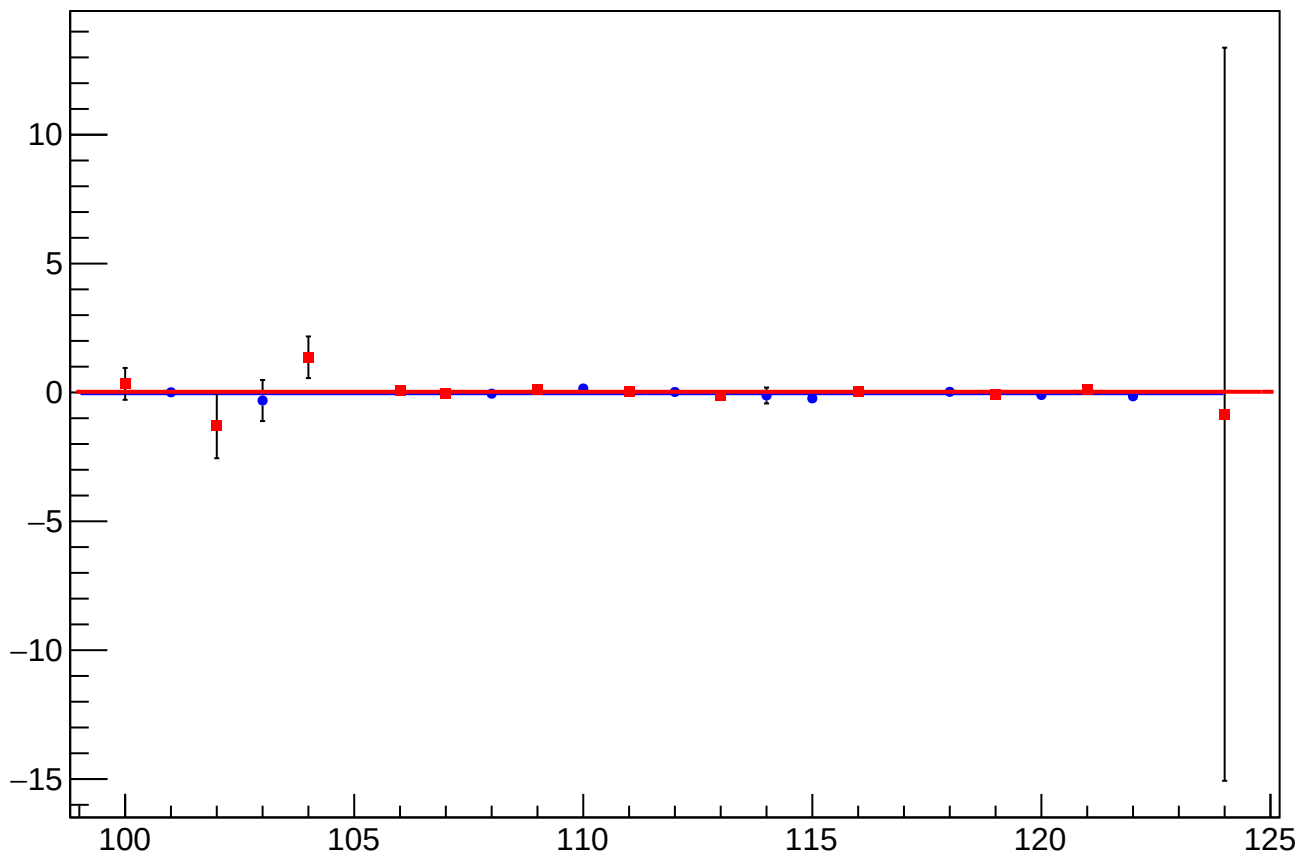
Right: 0.003+/-0.000 χ^2/NDF : 3750648.2/21

In: 0.003+/-0.000 χ^2/NDF : 1714787.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3750648.2/21

asym_at2_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.037 χ^2 /NDF: 5.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.027 $\pm$ 0.033 χ^2 /NDF: 9.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

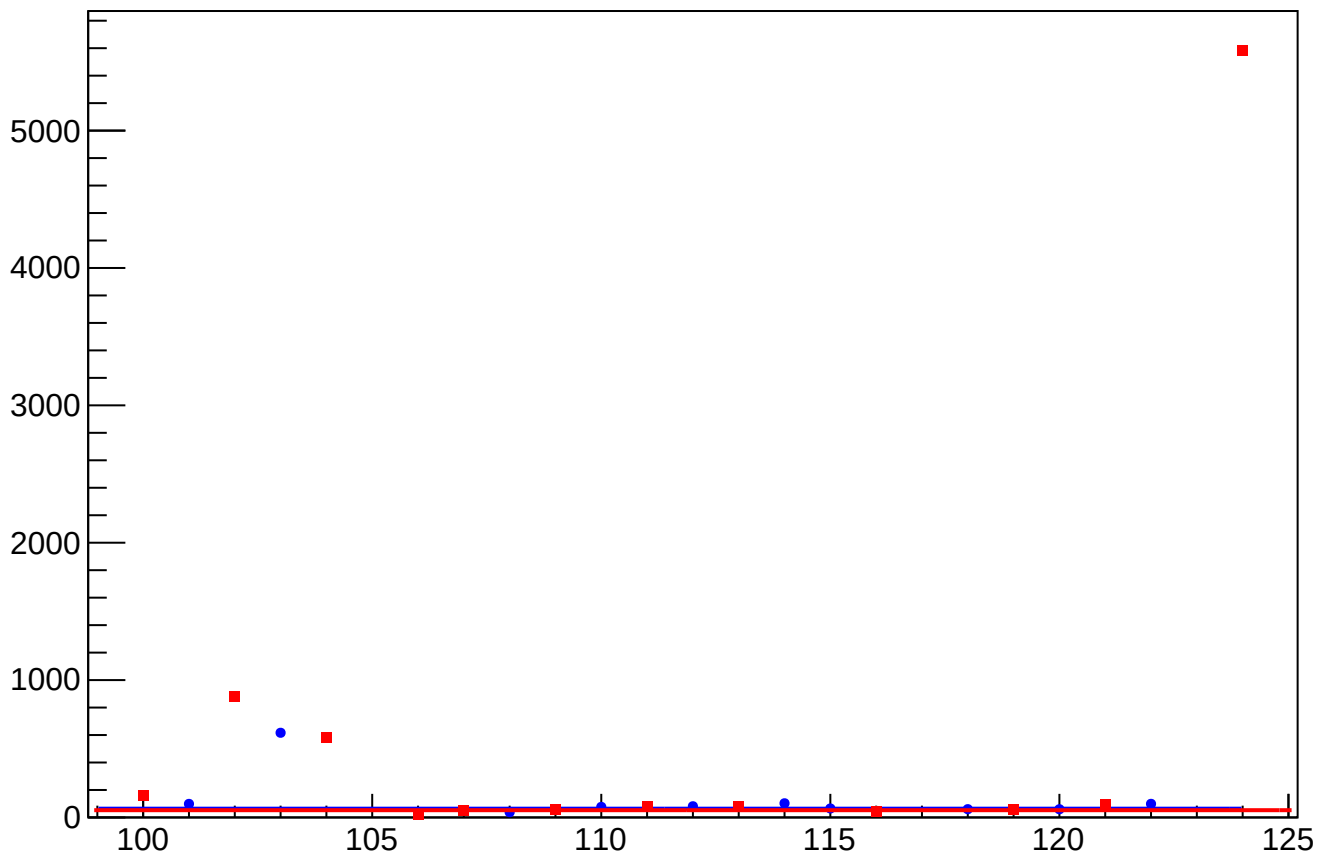
Right: 0.002 $\pm$ 0.024 χ^2 /NDF: 16.0/21

In: -0.028 $\pm$ 0.037 χ^2 /NDF:5.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.024 χ^2 /NDF: 16.0/21

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.878+/-0.026 χ^2/NDF : 1599104.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.892+/-0.023 χ^2/NDF : 2867718.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

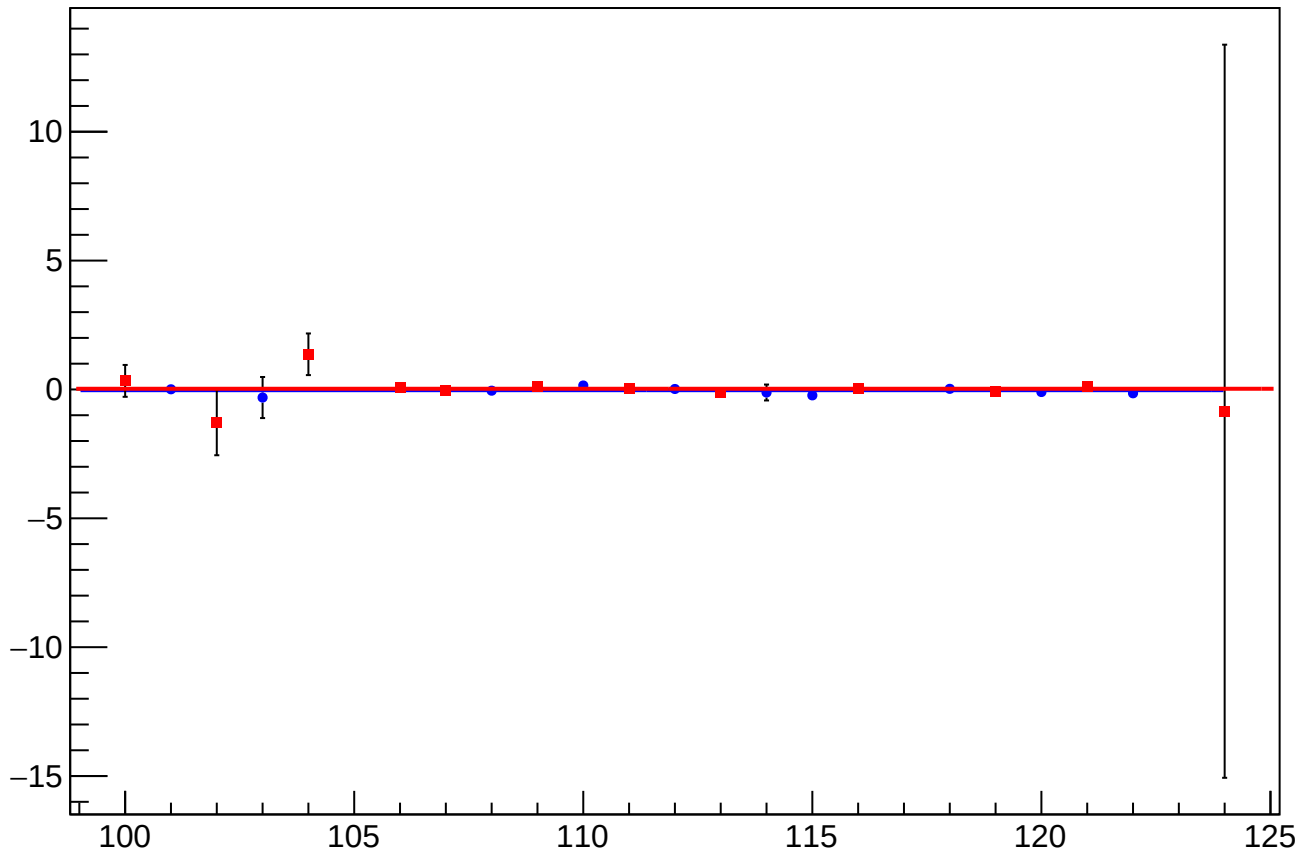
Right: 57.741+/-0.017 χ^2/NDF : 4566086.3/21

In: 63.878+/-0.026 χ^2/NDF : 1599104.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.741+/-0.017 χ^2/NDF : 4566086.3/21

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.037 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.027+/-0.033 χ^2/NDF : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

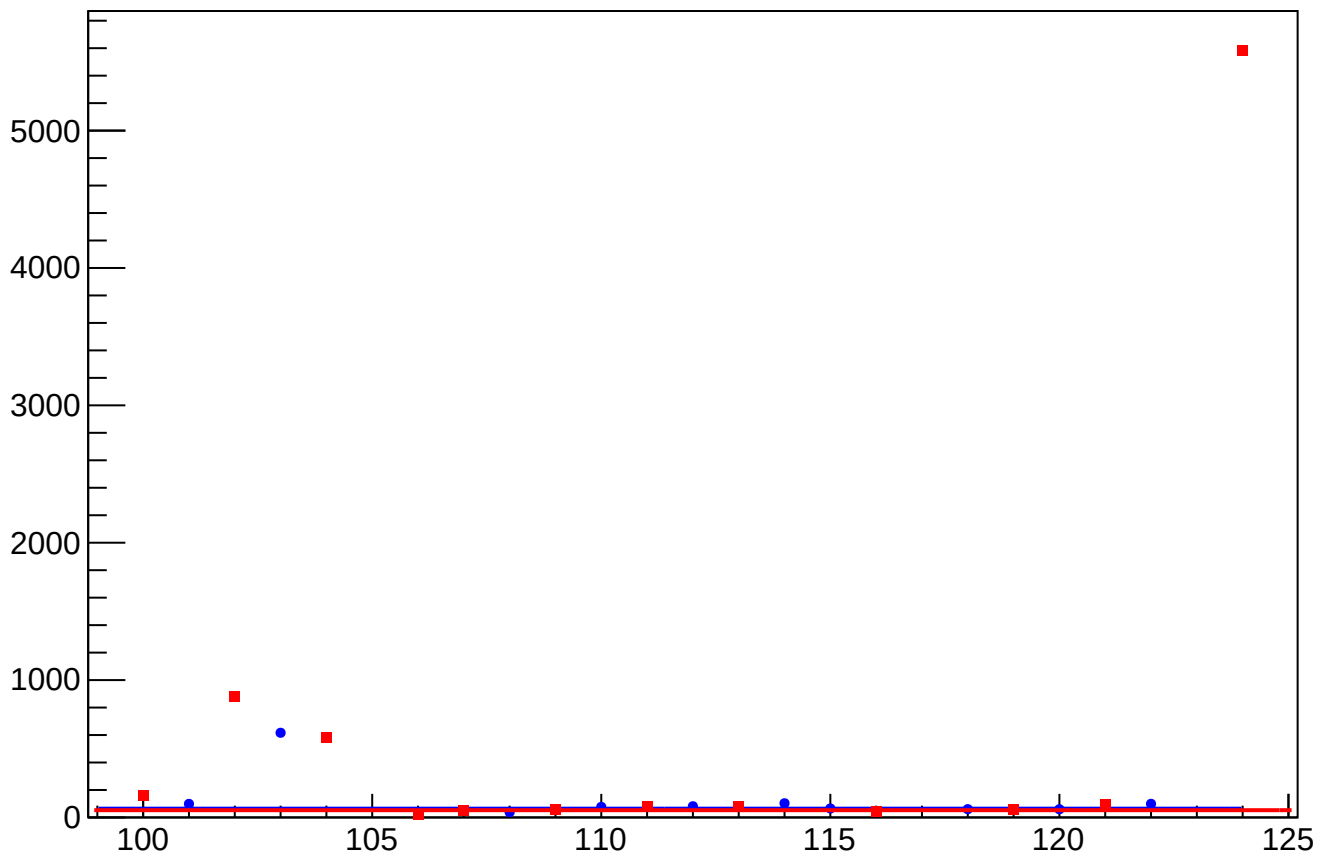
Right: 0.002+/-0.024 χ^2/NDF : 16.0/21

In: -0.028+/-0.037 χ^2/NDF :5.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.024 χ^2/NDF : 16.0/21

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.878+/-0.026 χ^2/NDF : 1599104.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.892+/-0.023 χ^2/NDF : 2867718.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

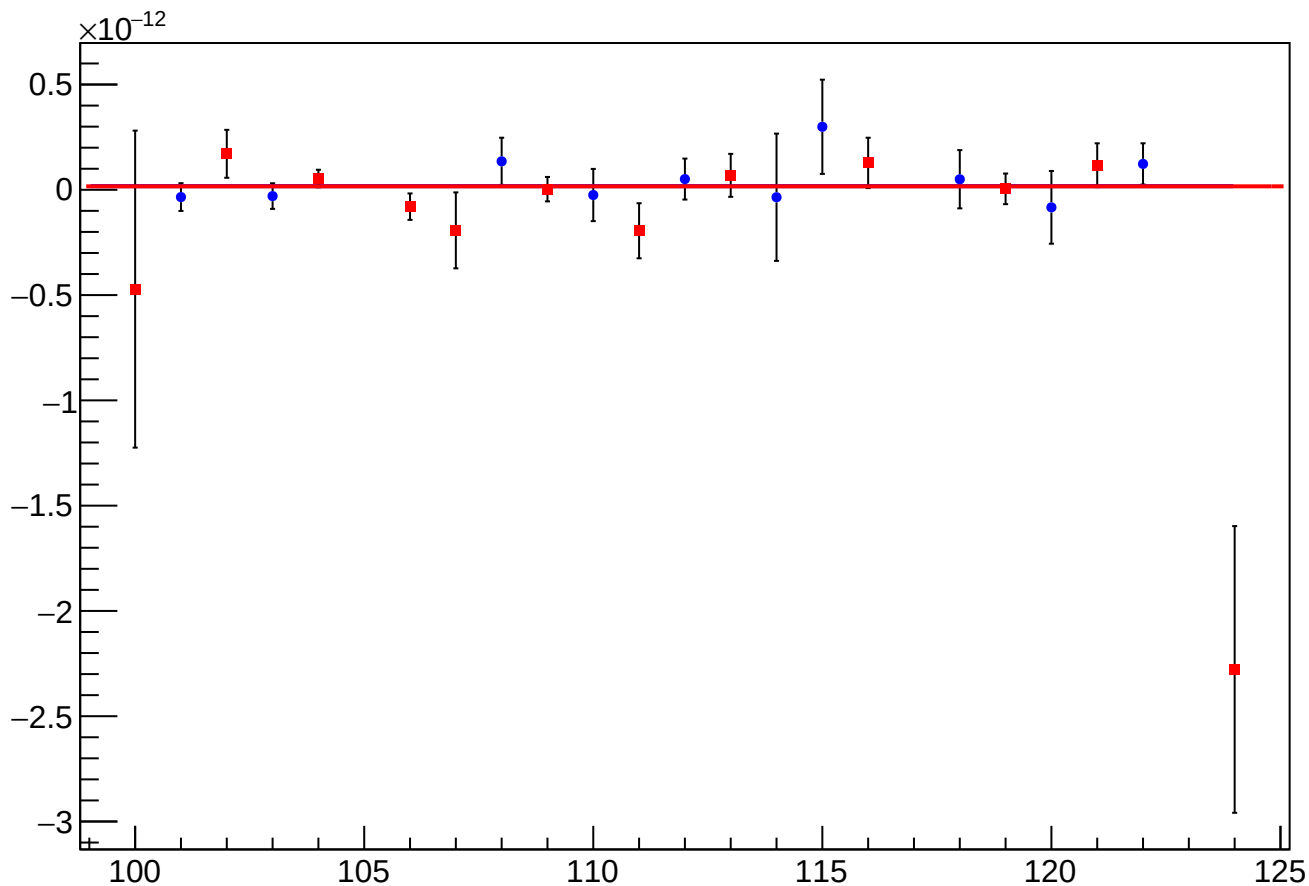
Right: 57.741+/-0.017 χ^2/NDF : 4566086.3/21

In: 63.878+/-0.026 χ^2/NDF : 1599104.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.741+/-0.017 χ^2/NDF : 4566086.3/21

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

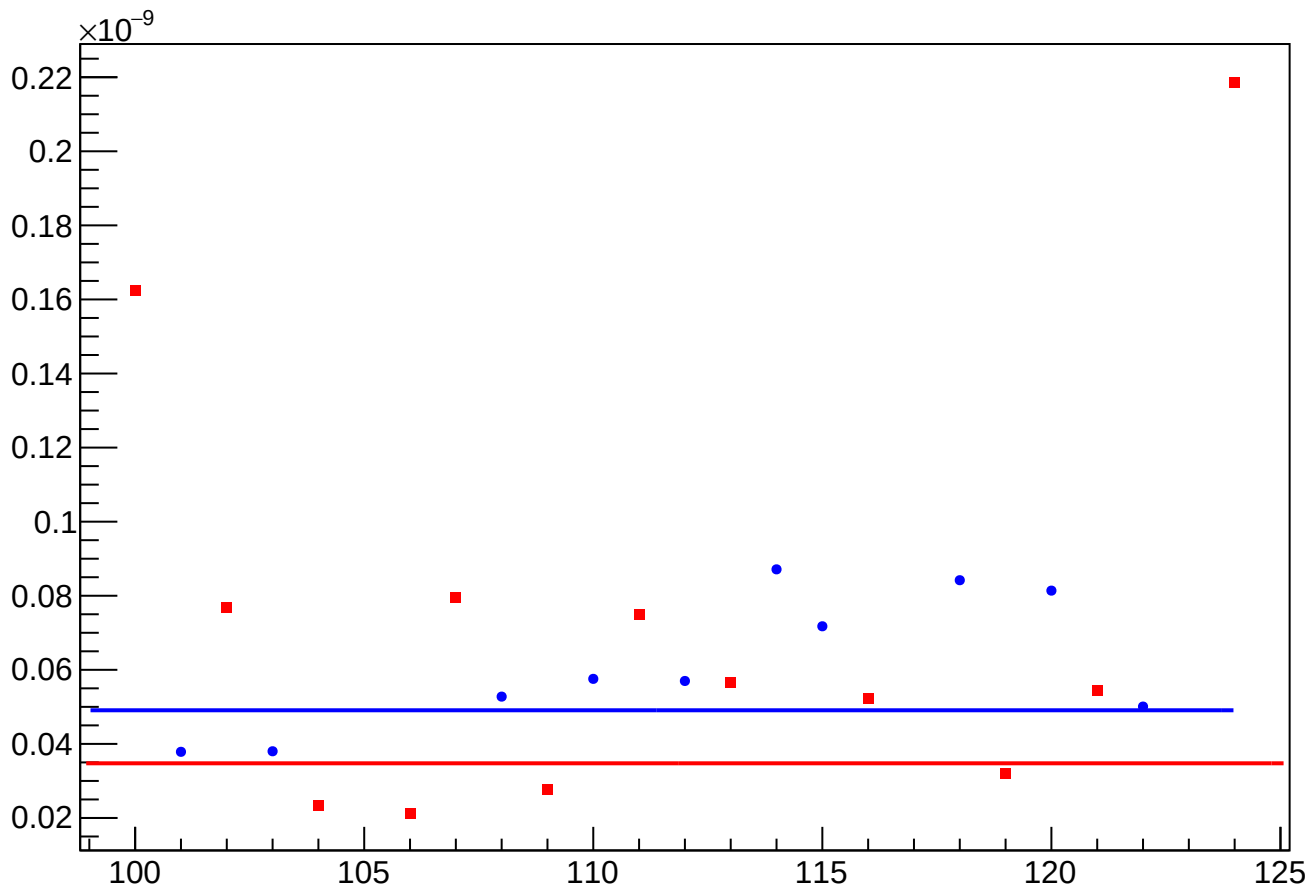
Right: 0.000+/-0.000 χ^2/NDF : 28.6/21

In: 0.000+/-0.000 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.6/21

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 400146.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1272095.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

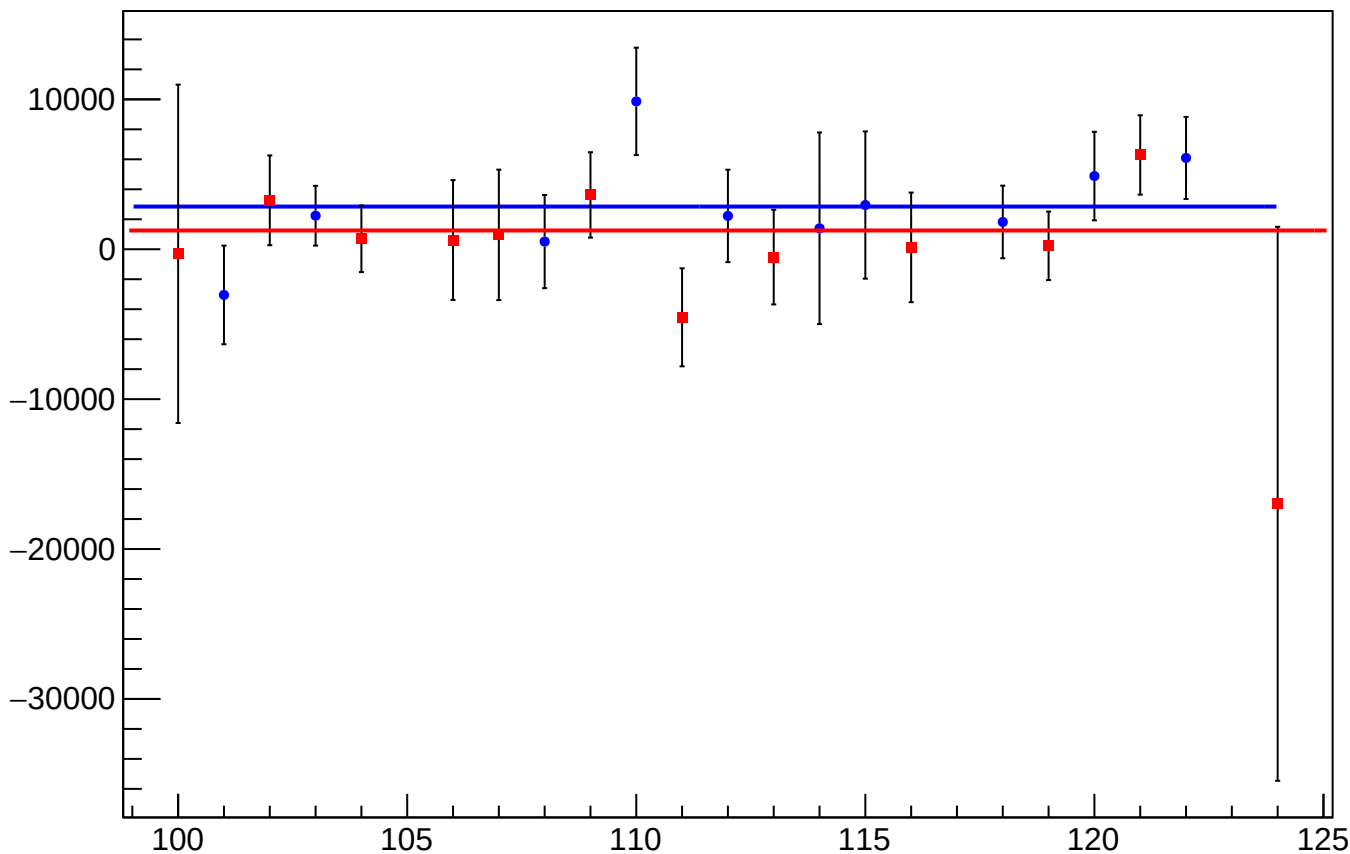
Right: 0.000+/-0.000 χ^2/NDF : 1927995.6/21

In: 0.000+/-0.000 χ^2/NDF : 400146.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1927995.6/21

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2848.269+/-947.118 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1252.587+/-926.020 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

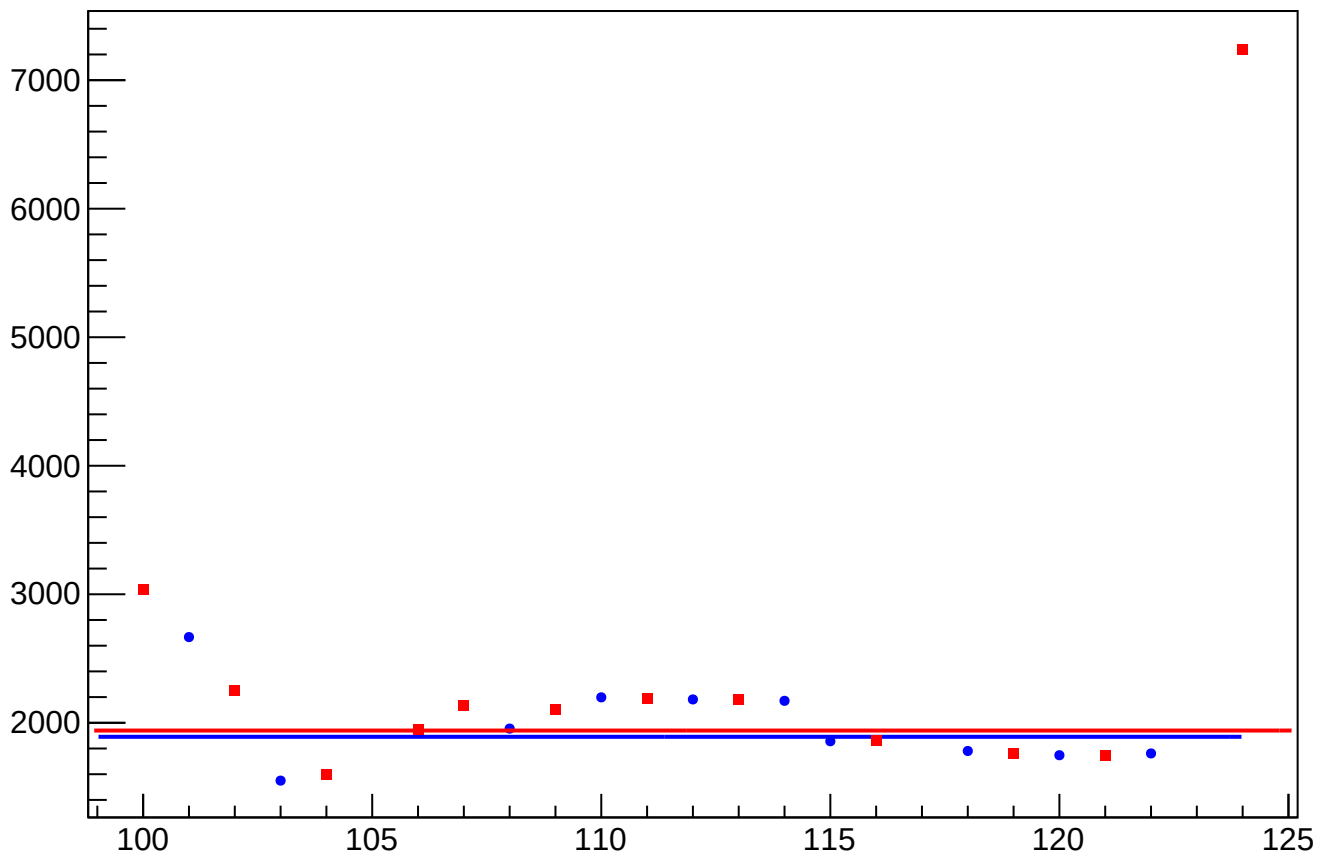
Right: 2032.457+/-662.129 χ^2/NDF : 20.9/21

In: 2848.269+/-947.118 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2032.457+/-662.129 χ^2/NDF : 20.9/21

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1891.063+/-0.670 χ^2/NDF : 220386.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1939.822+/-0.652 χ^2/NDF : 309348.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

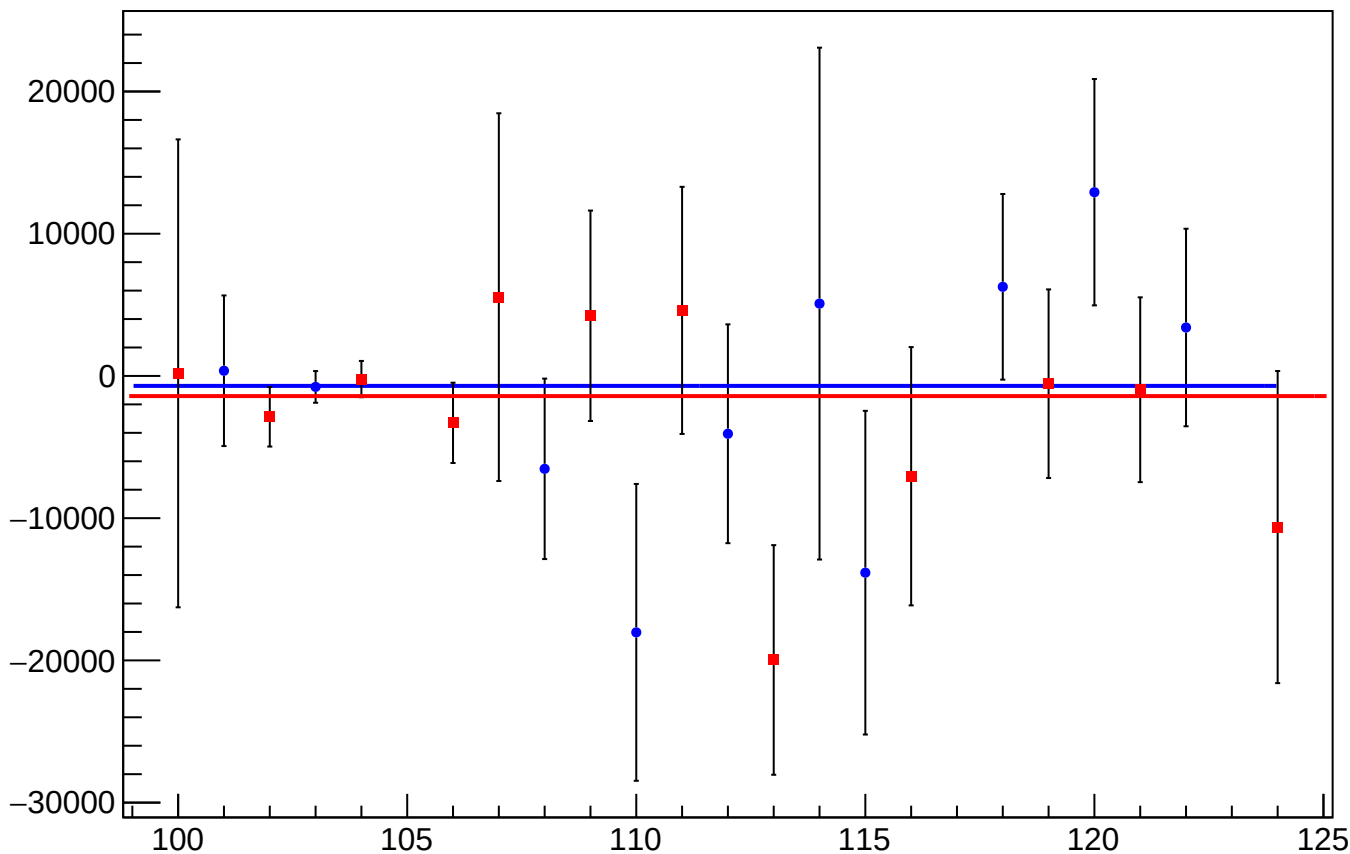
Right: 1916.089+/-0.467 χ^2/NDF : 532455.1/21

In: 1891.063+/-0.670 χ^2/NDF : 220386.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.089+/-0.467 χ^2/NDF : 532455.1/21

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -699.431 ± 1019.211 χ^2/NDF : 9.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1416.415 ± 957.362 χ^2/NDF : 9.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

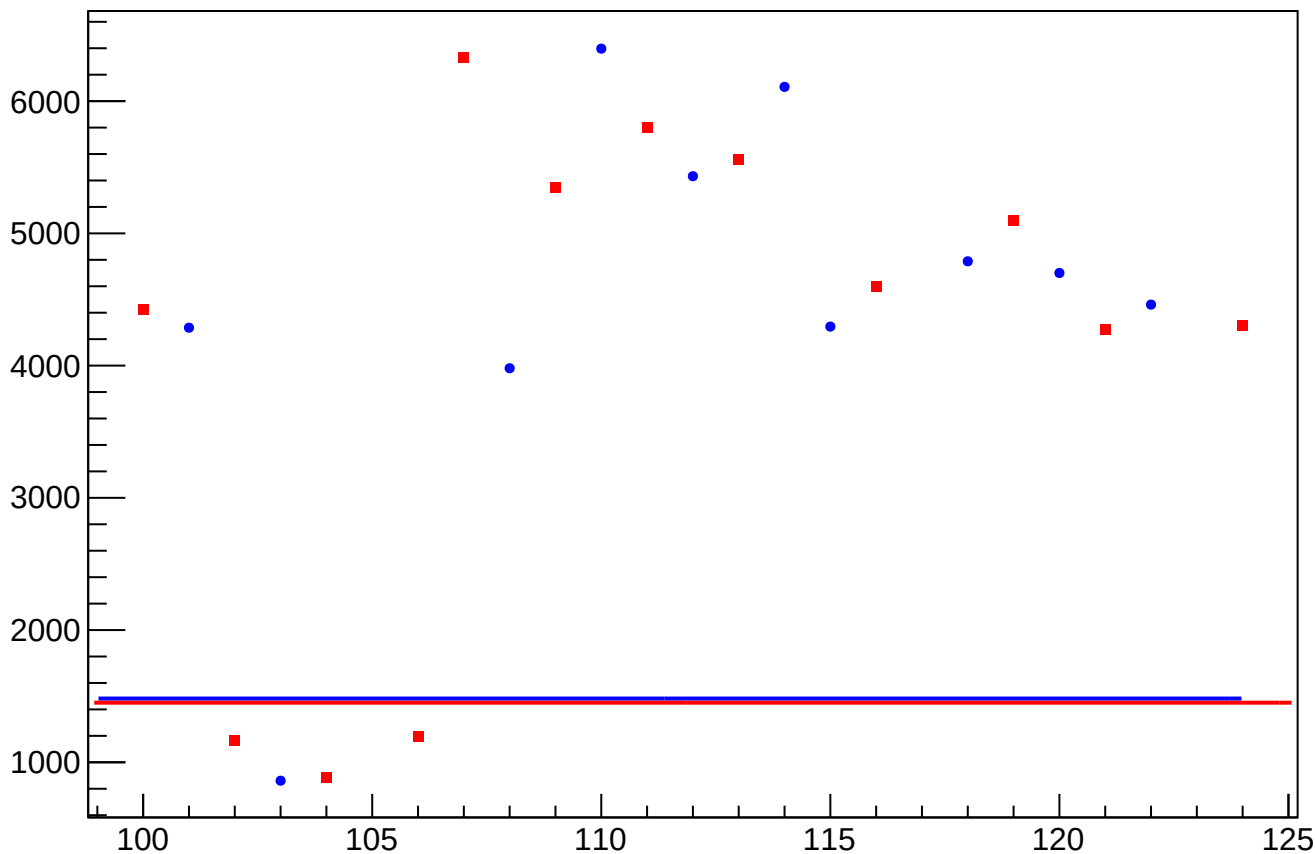
Right: -1080.337 ± 697.798 χ^2/NDF : 19.5/21

In: -699.431 ± 1019.211 χ^2/NDF : 9.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1080.337 ± 697.798 χ^2/NDF : 19.5/21

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1482.109+/-0.721 χ^2/NDF : 3926817.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.919+/-0.677 χ^2/NDF : 3730208.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

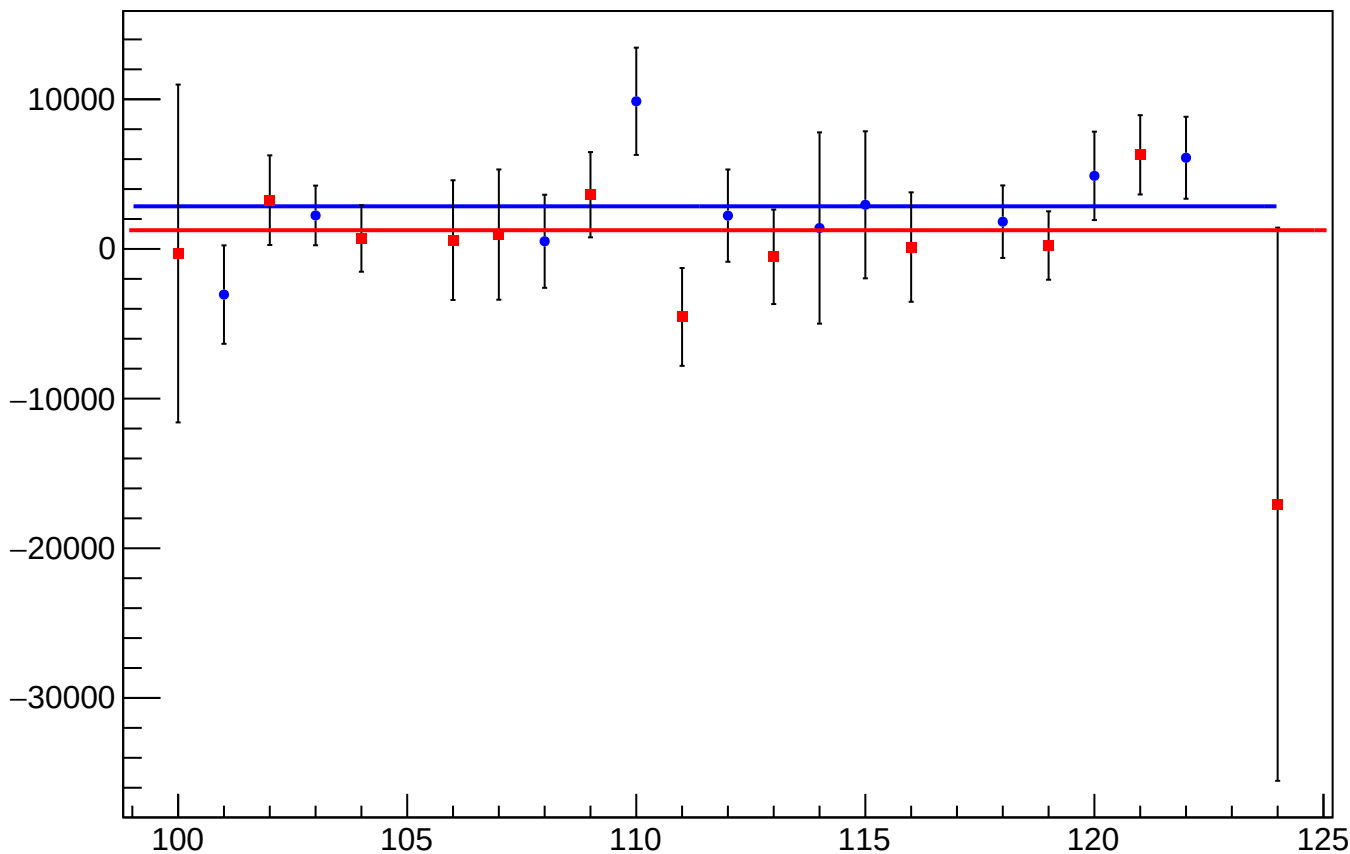
Right: 1465.539+/-0.493 χ^2/NDF : 7658021.1/21

In: 1482.109+/-0.721 χ^2/NDF : 3926817.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.539+/-0.493 χ^2/NDF : 7658021.1/21

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2848.513+/-947.119 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1250.290+/-926.022 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

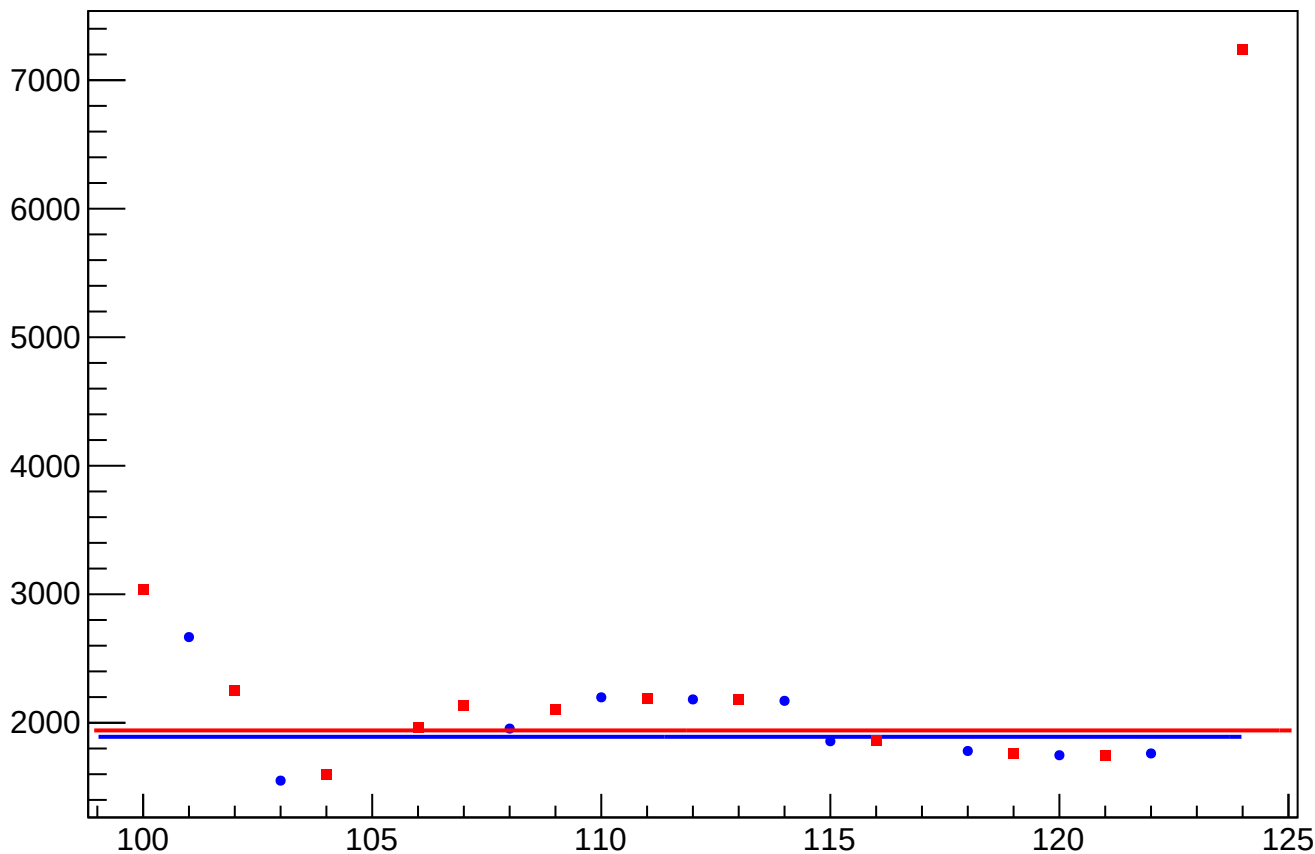
Right: 2031.404+/-662.129 χ^2/NDF : 20.9/21

In: 2848.513+/-947.119 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2031.404+/-662.129 χ^2/NDF : 20.9/21

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1891.063+/-0.670 χ^2/NDF : 220386.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1940.644+/-0.652 χ^2/NDF : 309406.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

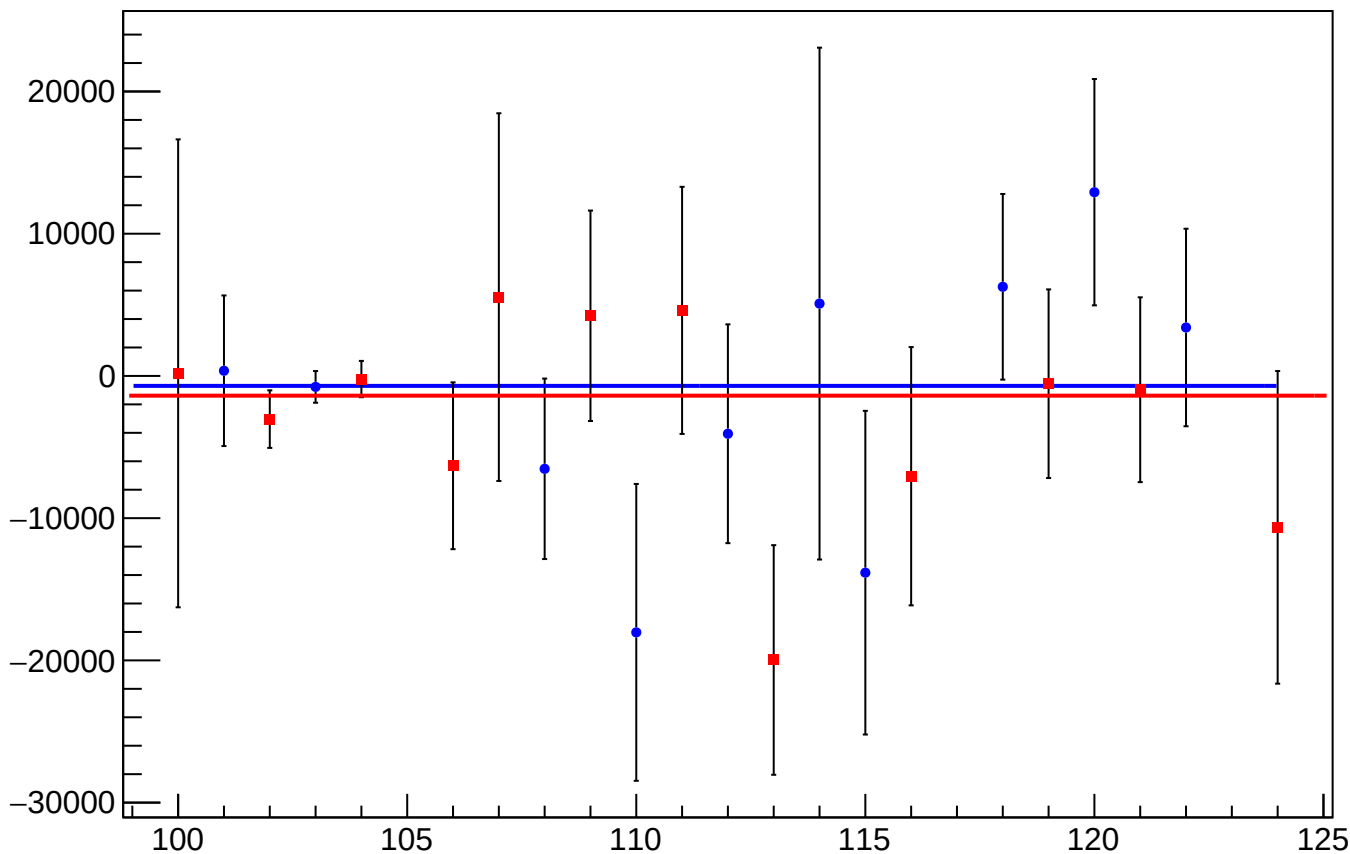
Right: 1916.501+/-0.467 χ^2/NDF : 532604.8/21

In: 1891.063+/-0.670 χ^2/NDF : 220386.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.501+/-0.467 χ^2/NDF : 532604.8/21

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -698.902+/-1019.148 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1387.558+/-994.359 χ^2/NDF : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

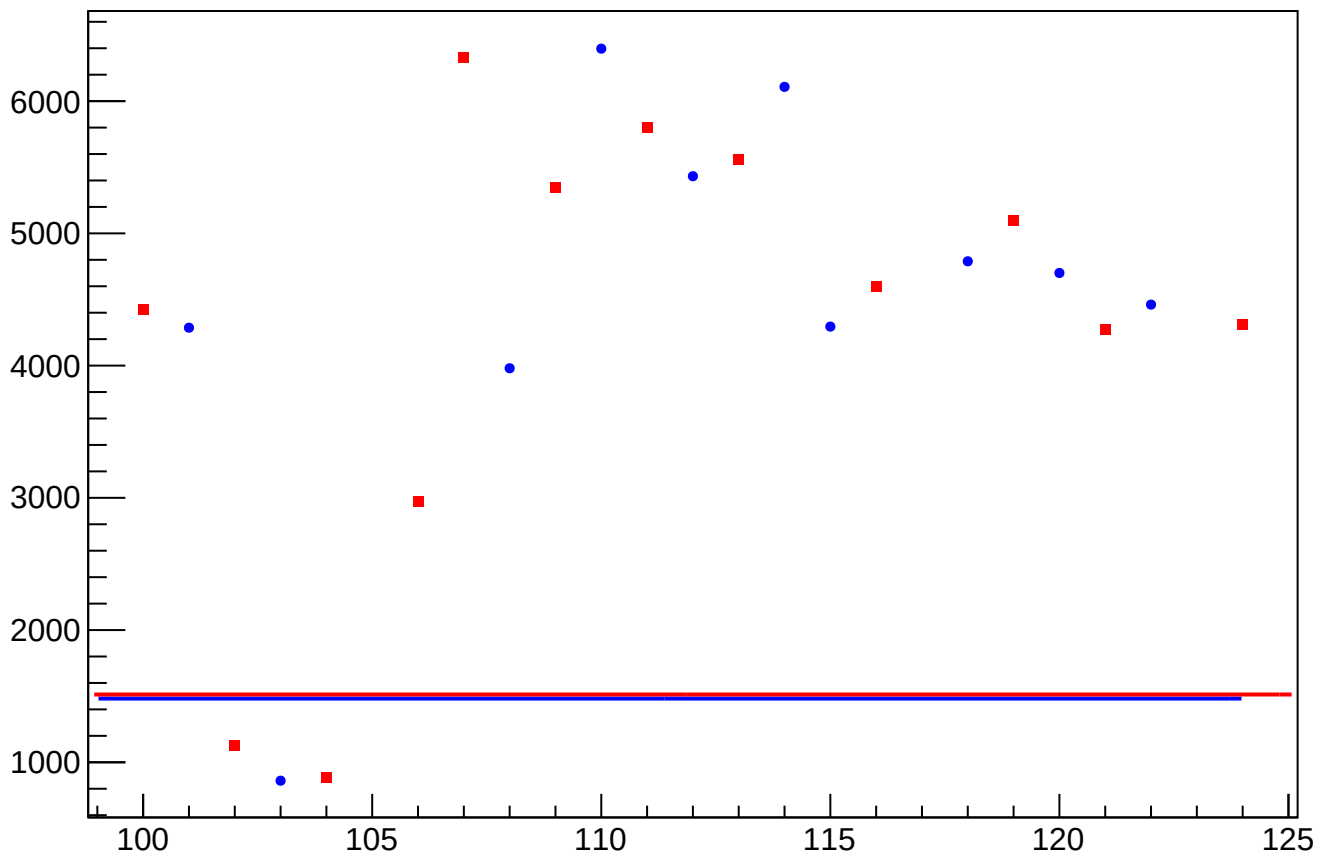
Right: -1051.707+/-711.720 χ^2/NDF : 19.9/21

In: -698.902+/-1019.148 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1051.707+/-711.720 χ^2/NDF : 19.9/21

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1481.984+/-0.721 χ^2/NDF : 3927021.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1512.677+/-0.703 χ^2/NDF : 3853828.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

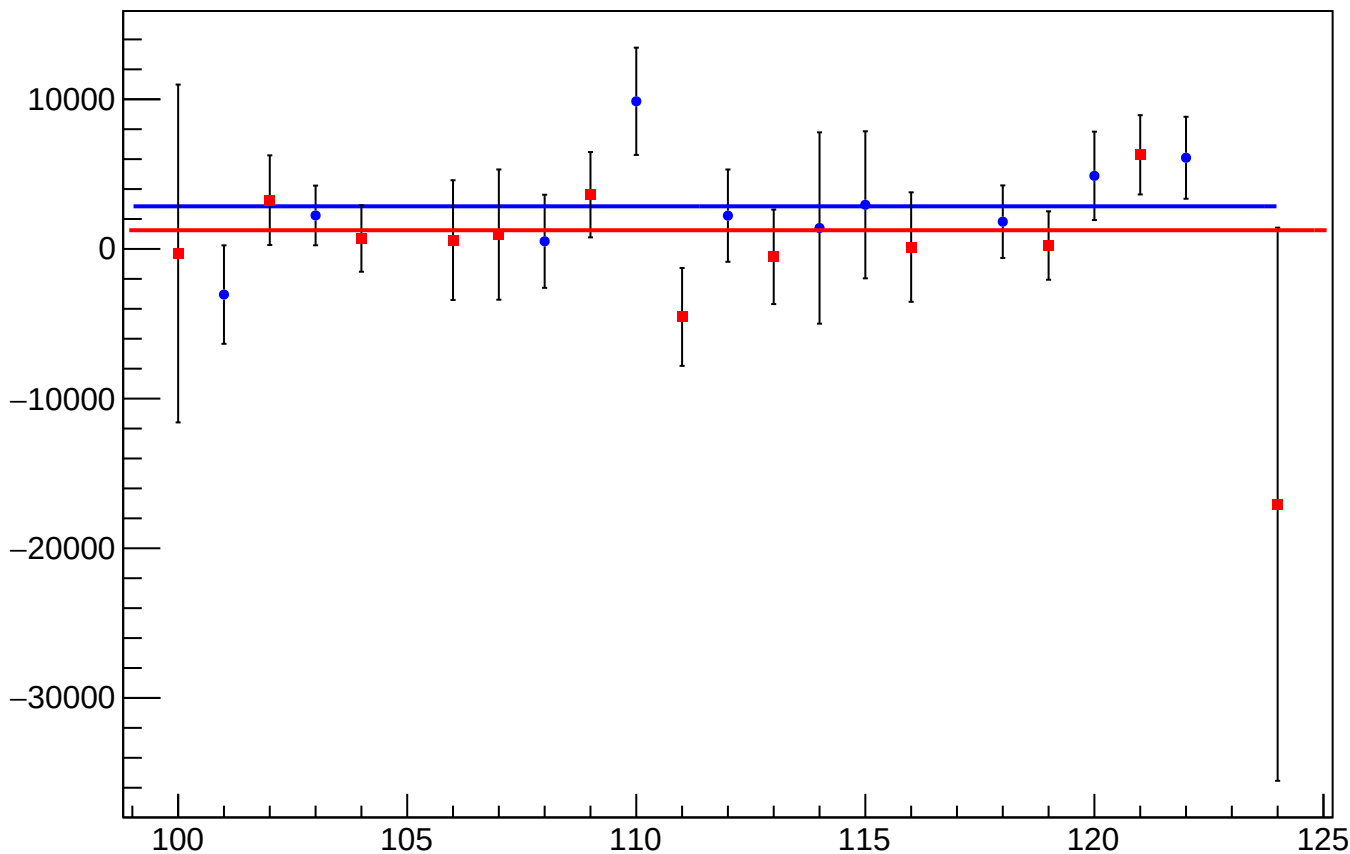
Right: 1497.709+/-0.503 χ^2/NDF : 7781780.1/21

In: 1481.984+/-0.721 χ^2/NDF :3927021.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1497.709+/-0.503 χ^2/NDF : 7781780.1/21

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2848.513+/-947.119 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1250.290+/-926.022 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

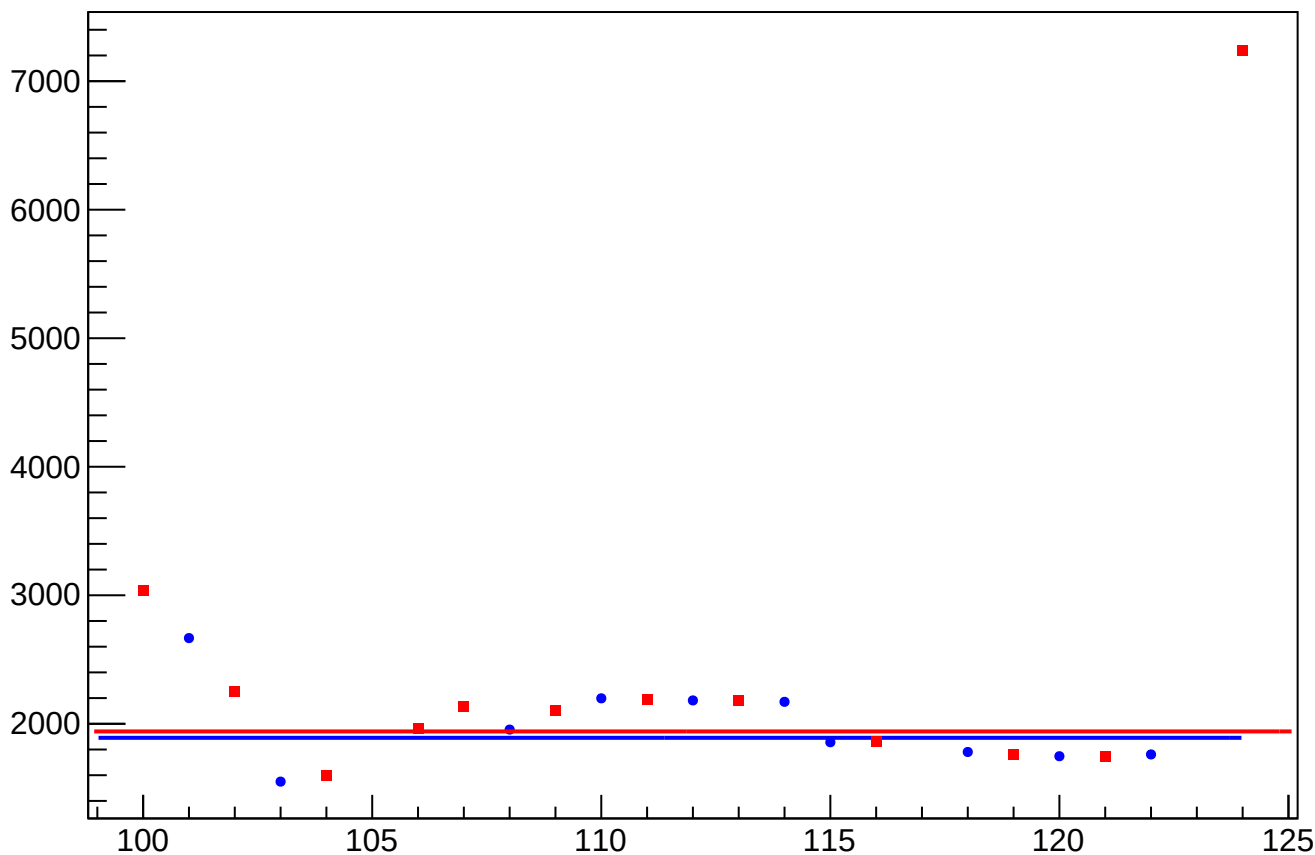
Right: 2031.404+/-662.129 χ^2/NDF : 20.9/21

In: 2848.513+/-947.119 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2031.404+/-662.129 χ^2/NDF : 20.9/21

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1891.063+/-0.670 χ^2/NDF : 220386.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1940.644+/-0.652 χ^2/NDF : 309406.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

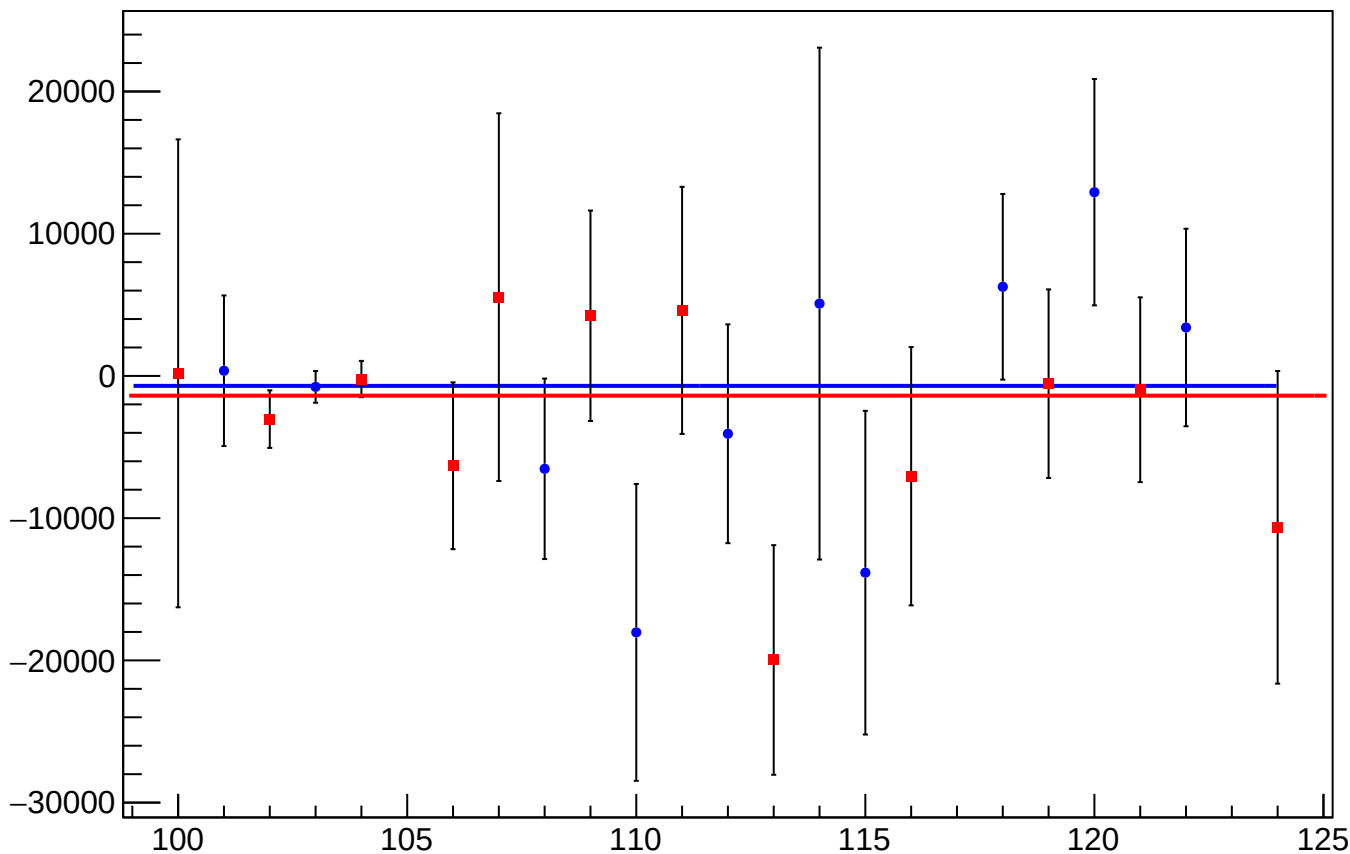
Right: 1916.501+/-0.467 χ^2/NDF : 532604.8/21

In: 1891.063+/-0.670 χ^2/NDF : 220386.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.501+/-0.467 χ^2/NDF : 532604.8/21

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -698.902 ± 1019.148 χ^2/NDF : 9.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1387.558 ± 994.359 χ^2/NDF : 10.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

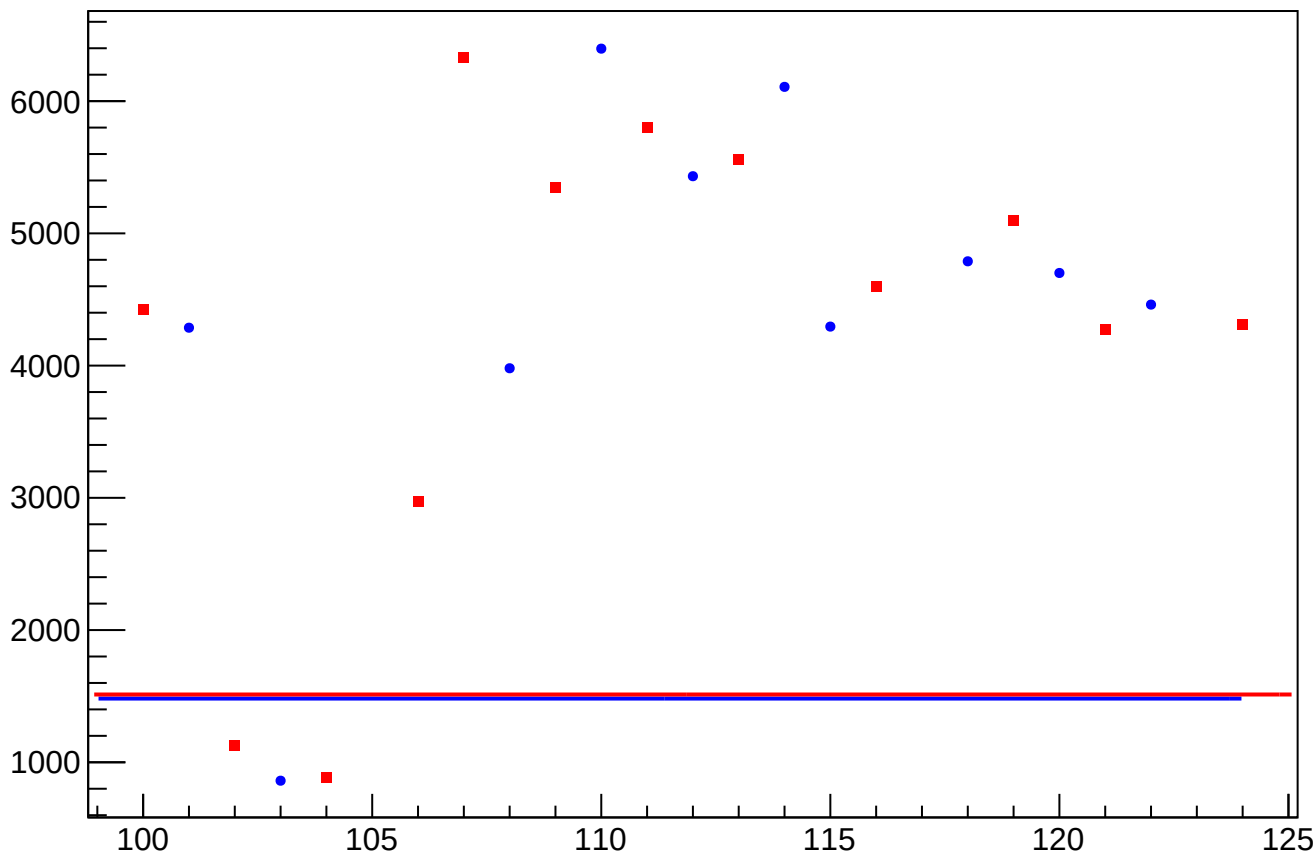
Right: -1051.707 ± 711.720 χ^2/NDF : 19.9/21

In: -698.902 ± 1019.148 χ^2/NDF : 9.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1051.707 ± 711.720 χ^2/NDF : 19.9/21

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1481.984+/-0.721 χ^2/NDF : 3927021.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1512.677+/-0.703 χ^2/NDF : 3853828.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

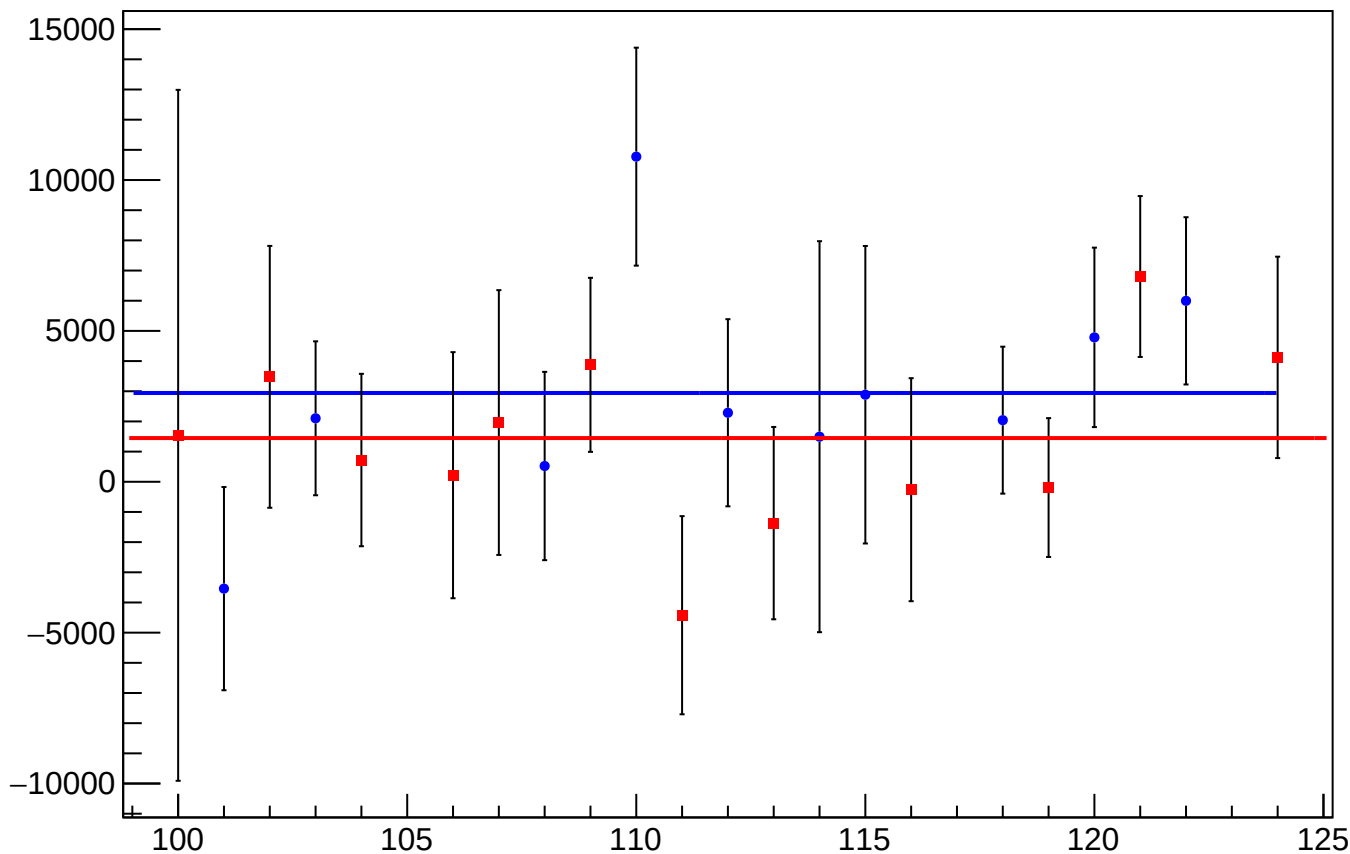
Right: 1497.709+/-0.503 χ^2/NDF : 7781780.1/21

In: 1481.984+/-0.721 χ^2/NDF :3927021.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1497.709+/-0.503 χ^2/NDF : 7781780.1/21

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2942.770+/-998.909 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1448.674+/-953.683 χ^2/NDF : 10.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

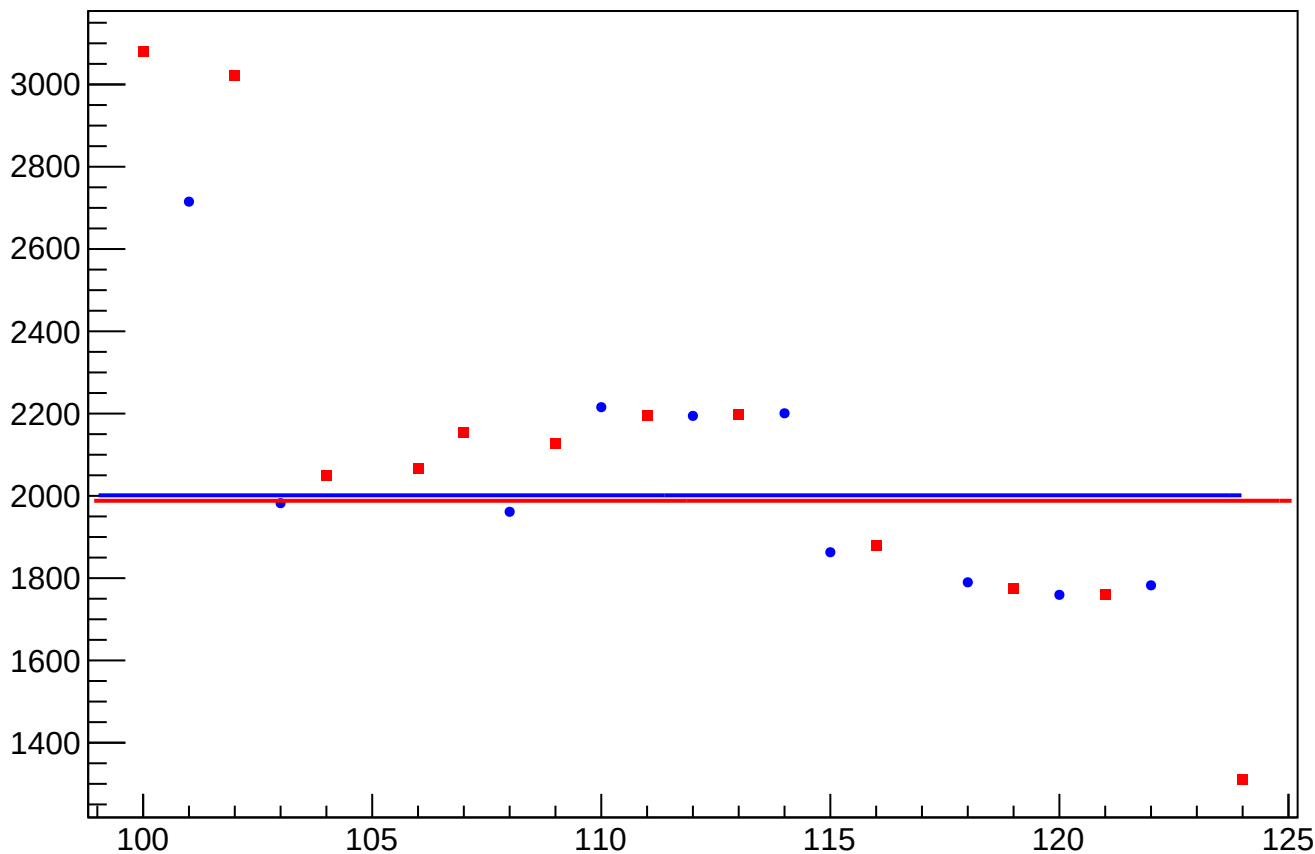
Right: 2161.134+/-689.790 χ^2/NDF : 22.6/21

In: 2942.770+/-998.909 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2161.134+/-689.790 χ^2/NDF : 22.6/21

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2001.309+/-0.706 χ^2/NDF : 149363.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1988.098+/-0.673 χ^2/NDF : 273497.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

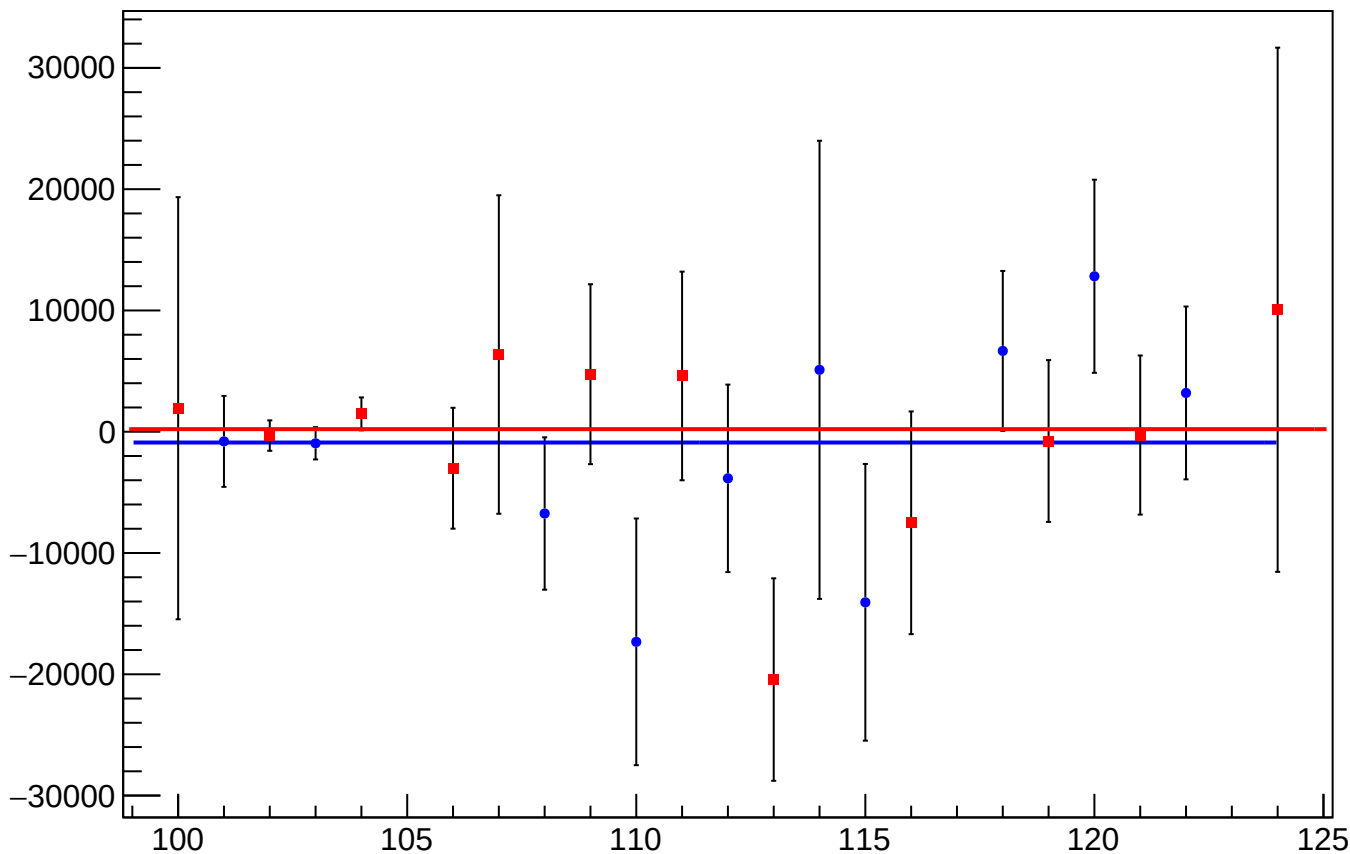
Right: 1994.388+/-0.487 χ^2/NDF : 423044.1/21

In: 2001.309+/-0.706 χ^2/NDF : 149363.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.388+/-0.487 χ^2/NDF : 423044.1/21

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -889.002+/-1149.482 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 212.492+/-866.074 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

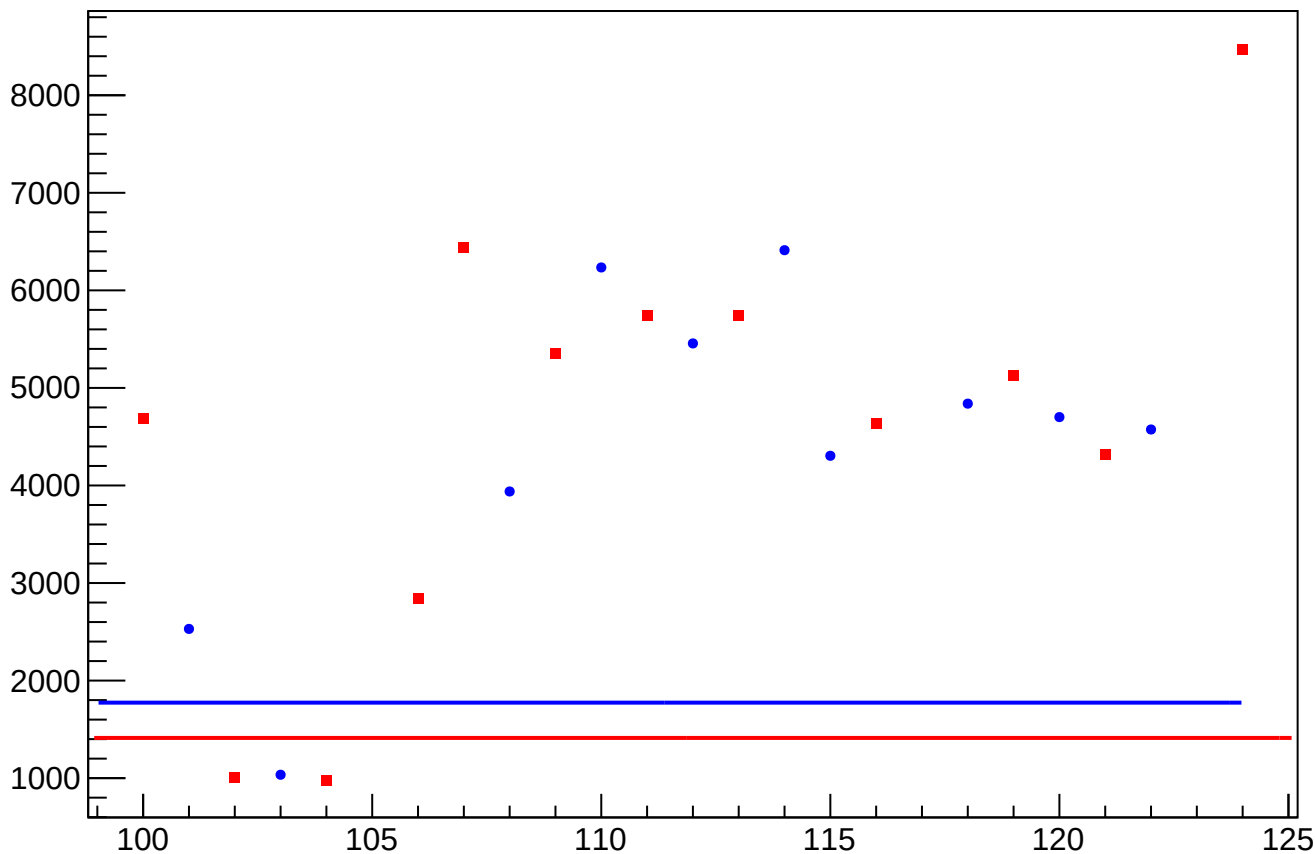
Right: -186.377+/-691.713 χ^2/NDF : 19.6/21

In: -889.002+/-1149.482 χ^2/NDF :9.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -186.377+/-691.713 χ^2/NDF : 19.6/21

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1773.947+/-0.813 χ^2/NDF : 3004794.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1412.264+/-0.612 χ^2/NDF : 4025871.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

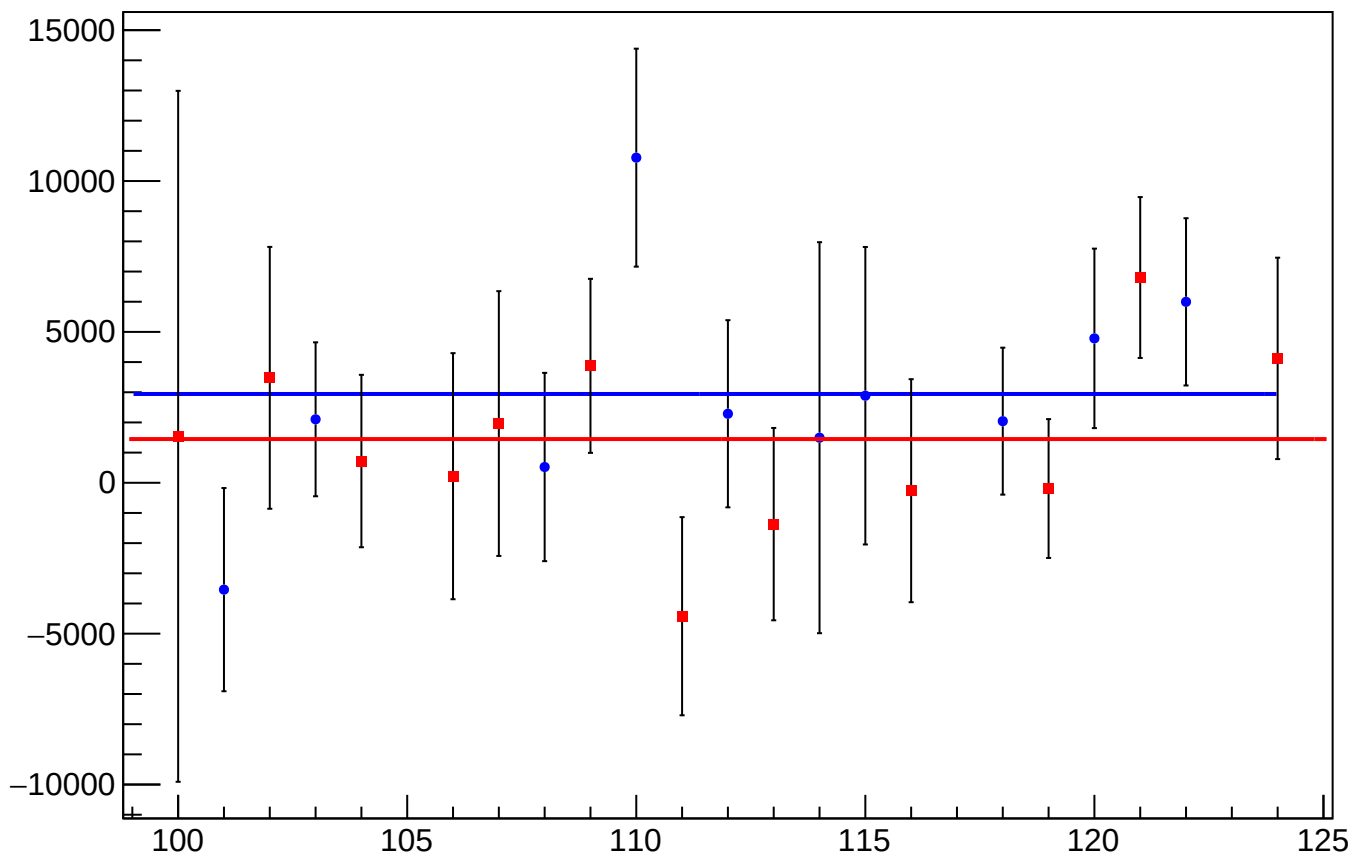
Right: 1543.235+/-0.489 χ^2/NDF : 7156972.4/21

In: 1773.947+/-0.813 χ^2/NDF :3004794.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1543.235+/-0.489 χ^2/NDF : 7156972.4/21

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2942.758+/-998.909 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1448.682+/-953.682 χ^2/NDF : 10.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

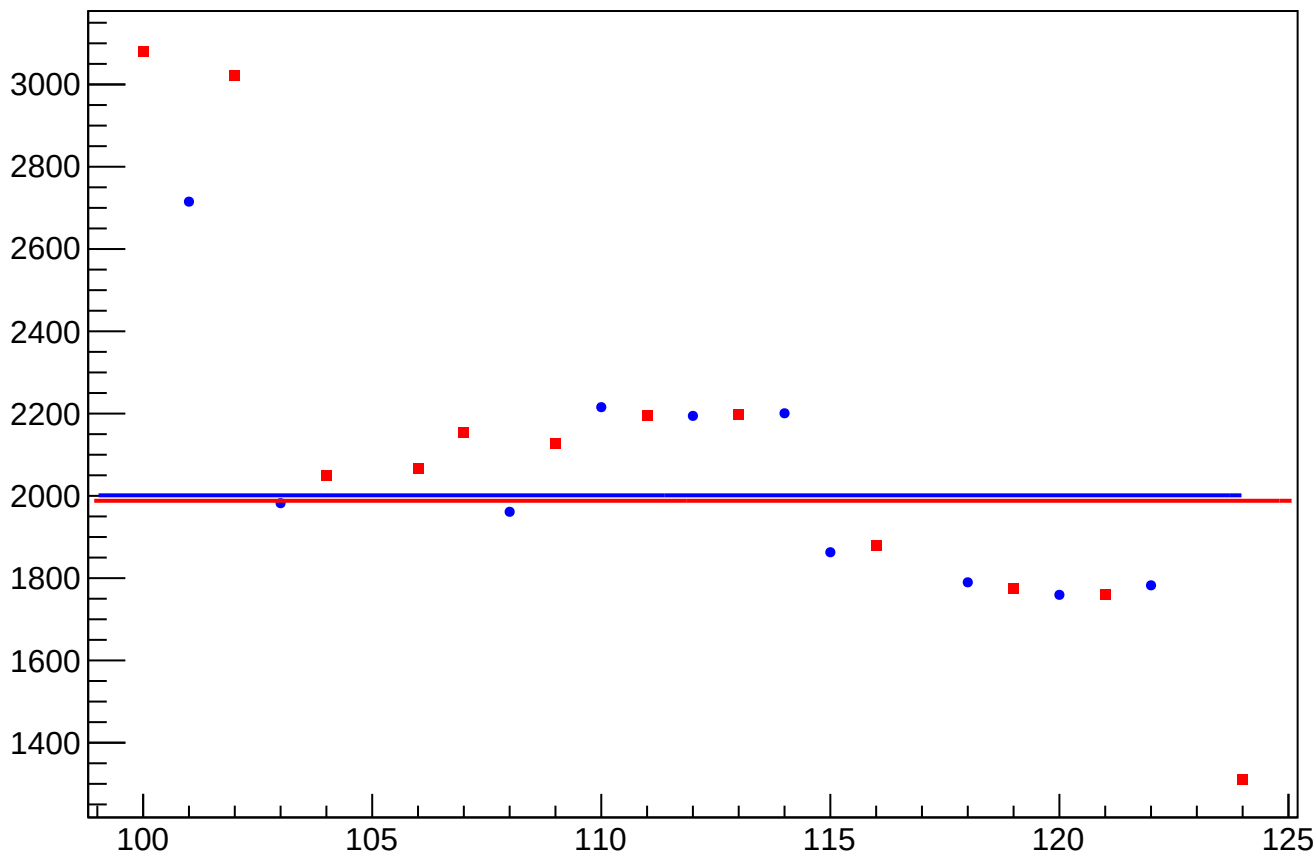
Right: 2161.132+/-689.790 χ^2/NDF : 22.6/21

In: 2942.758+/-998.909 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2161.132+/-689.790 χ^2/NDF : 22.6/21

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2001.308+/-0.706 χ^2/NDF : 149363.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1988.097+/-0.673 χ^2/NDF : 273497.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

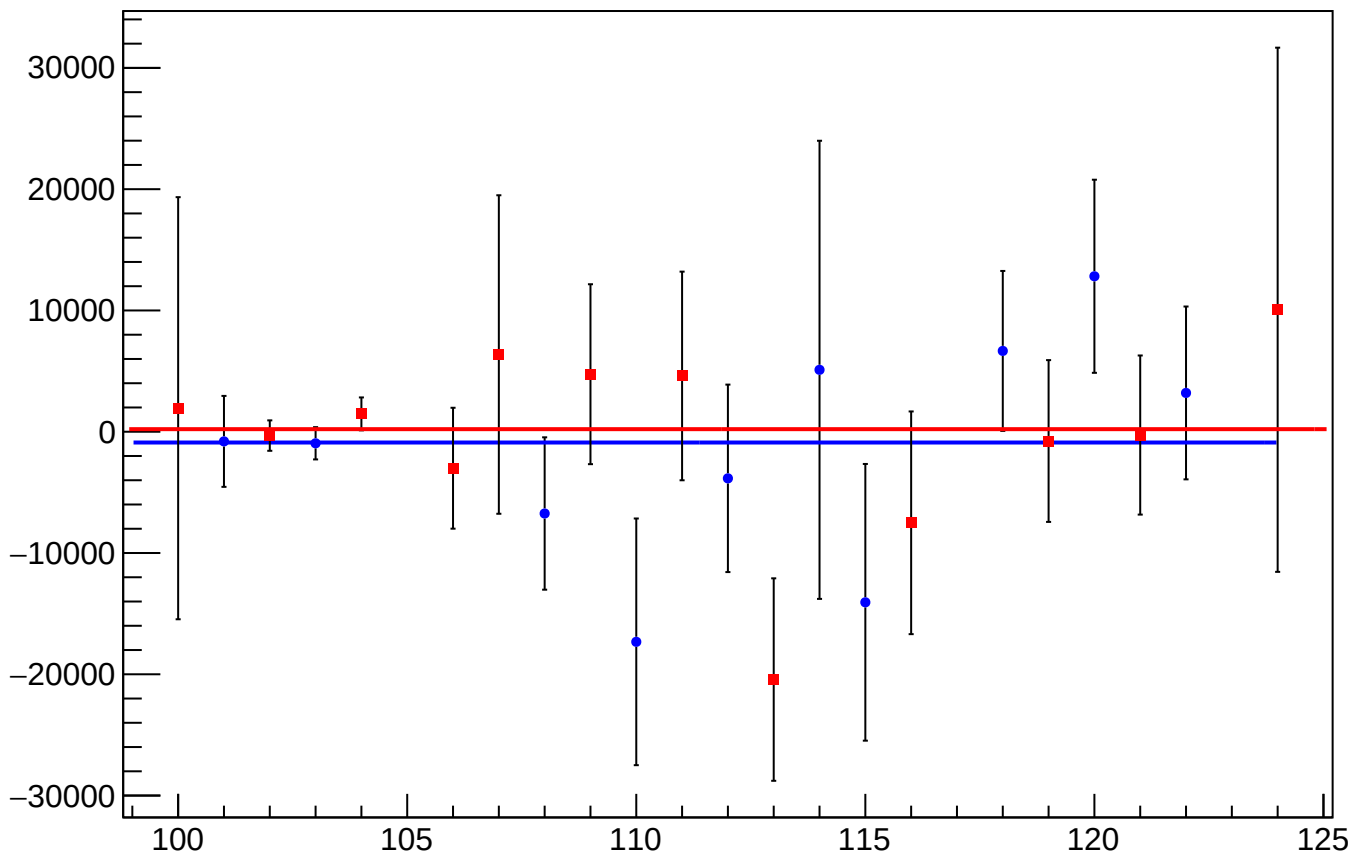
Right: 1994.387+/-0.487 χ^2/NDF : 423043.9/21

In: 2001.308+/-0.706 χ^2/NDF : 149363.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.387+/-0.487 χ^2/NDF : 423043.9/21

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -889.004+/-1149.481 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.486+/-866.074 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

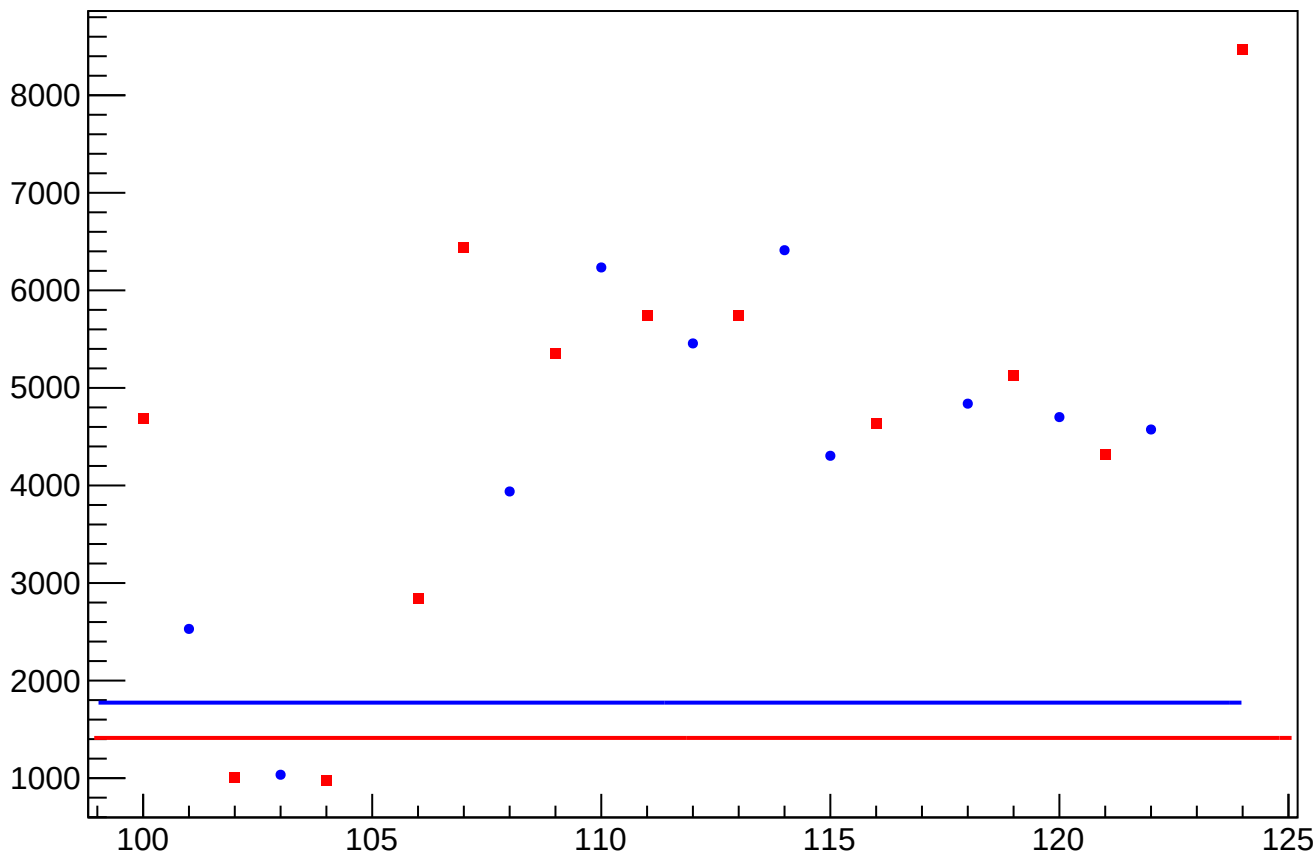
Right: -186.381+/-691.713 χ^2/NDF : 19.6/21

In: -889.004+/-1149.481 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.381+/-691.713 χ^2/NDF : 19.6/21

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1773.947+/-0.813 χ^2/NDF : 3004789.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1412.264+/-0.612 χ^2/NDF : 4025866.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

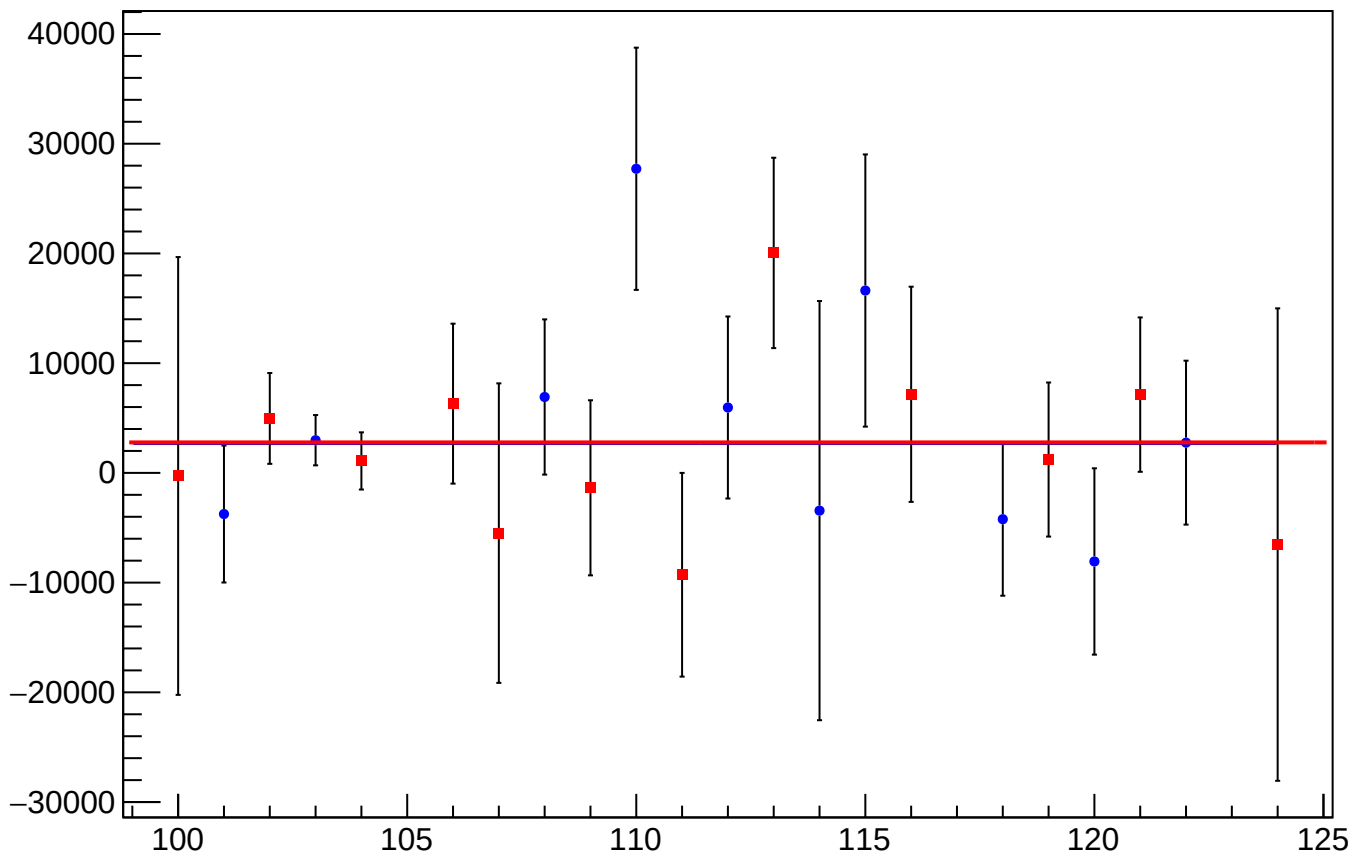
Right: 1543.235+/-0.489 χ^2/NDF : 7156961.7/21

In: 1773.947+/-0.813 χ^2/NDF : 3004789.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.235+/-0.489 χ^2/NDF : 7156961.7/21

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2723.780+/-1766.779 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2777.416+/-1751.683 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

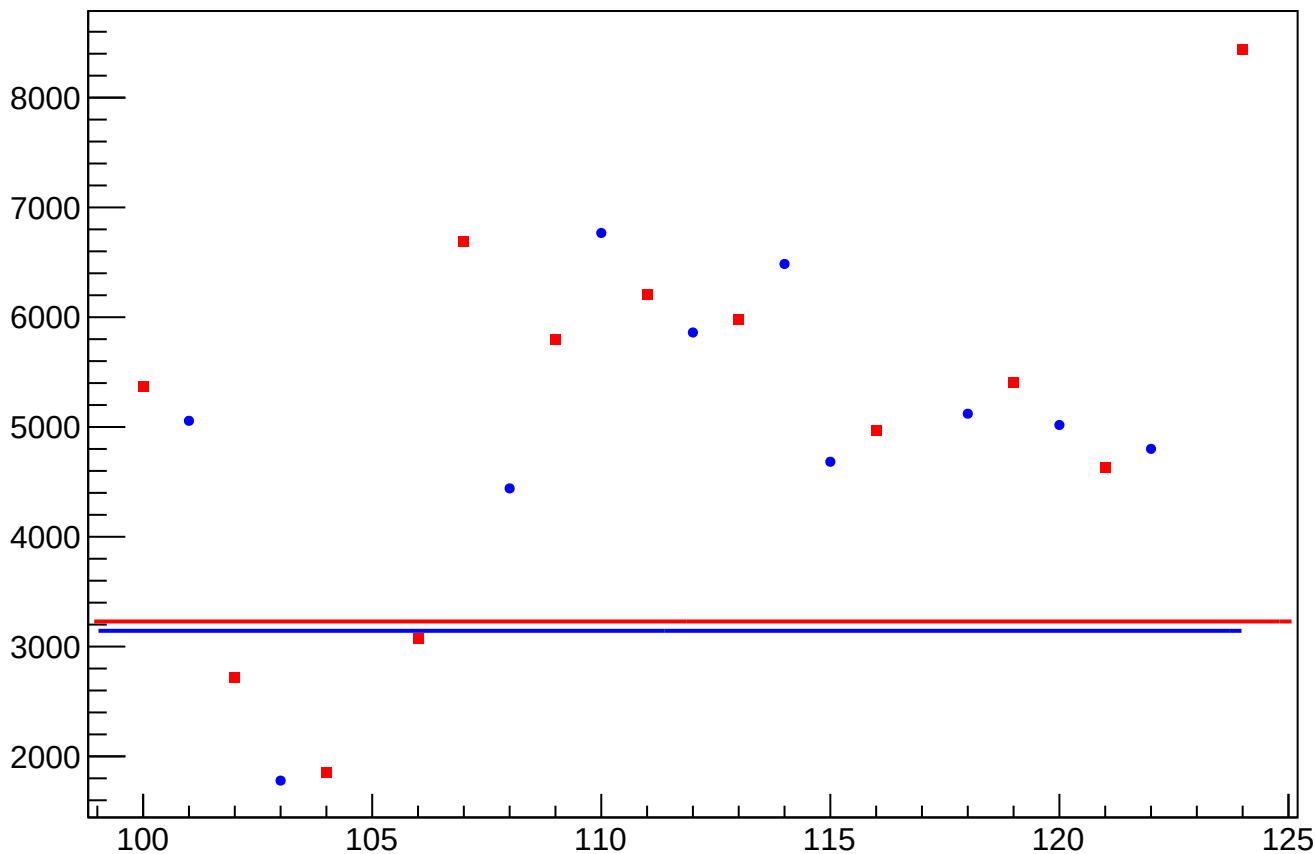
Right: 2750.828+/-1243.930 χ^2/NDF : 18.7/21

In: 2723.780+/-1766.779 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2750.828+/-1243.930 χ^2/NDF : 18.7/21

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3143.605+/-1.249 χ^2/NDF : 1842844.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3228.595+/-1.223 χ^2/NDF : 1807986.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

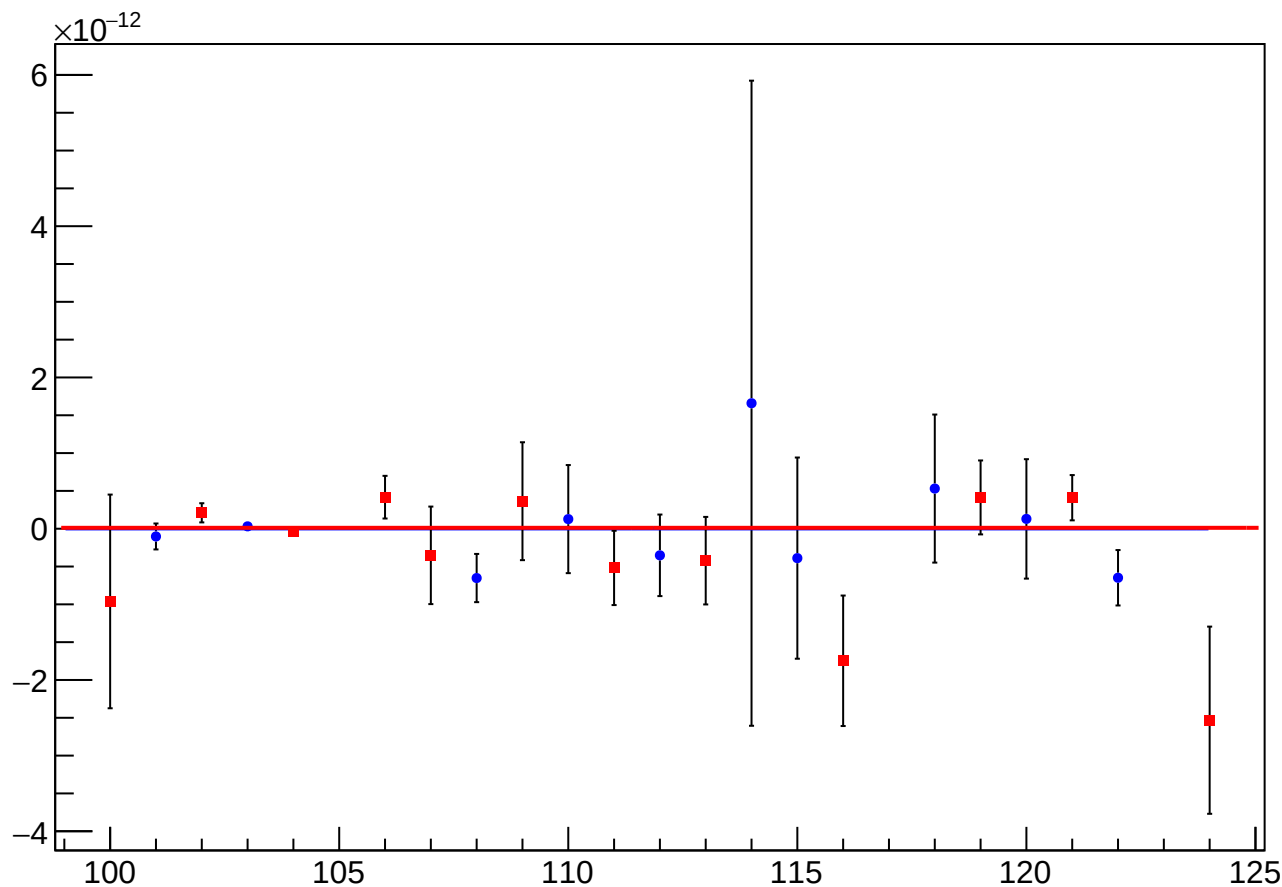
Right: 3187.006+/-0.874 χ^2/NDF : 3653194.7/21

In: 3143.605+/-1.249 χ^2/NDF : 1842844.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3187.006+/-0.874 χ^2/NDF : 3653194.7/21

asym_atl1r2_avg_reg_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 : 18.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

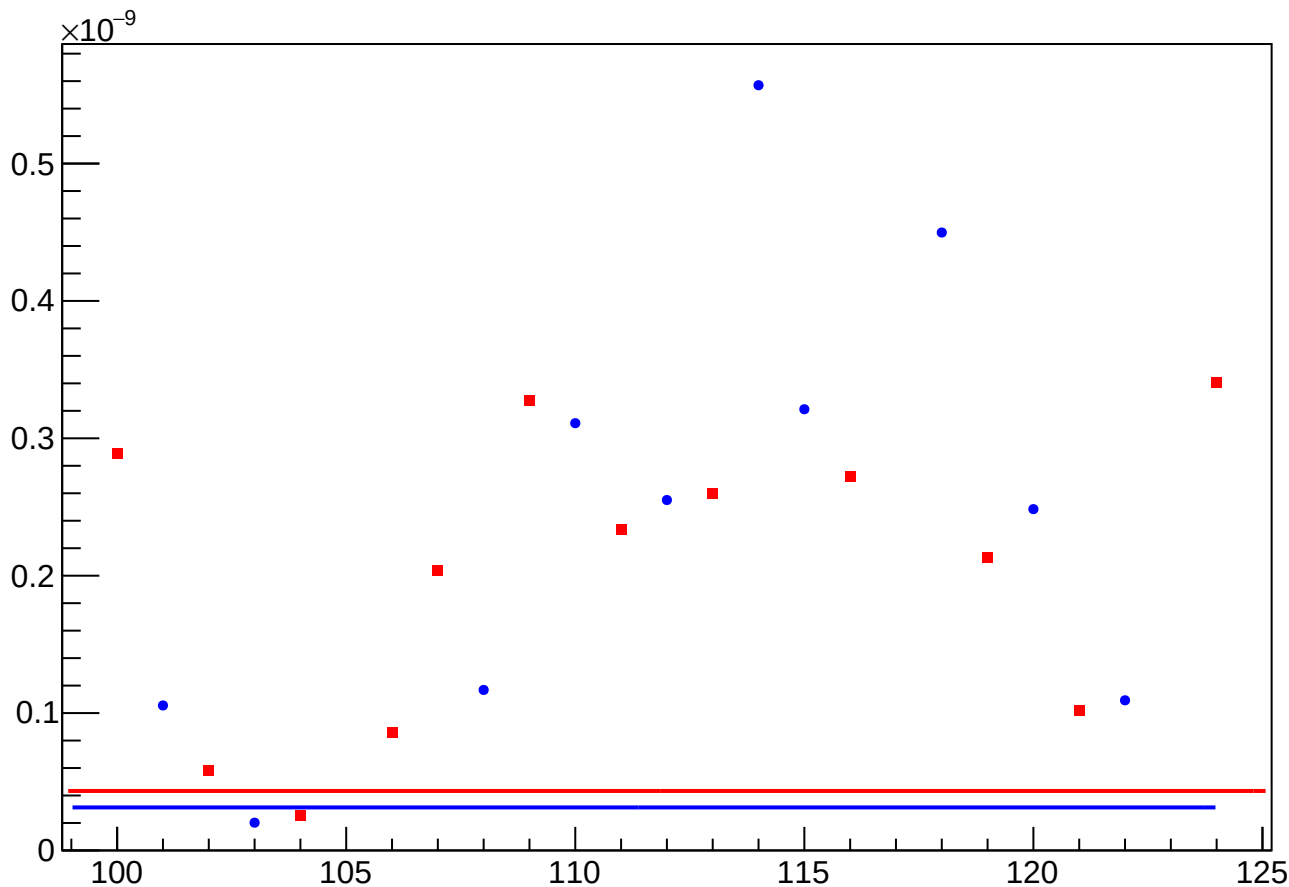
Right: 0.000+/-0.000 χ^2/NDF : 28.0/21

In: 0.000+/-0.000 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.0/21

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2040763.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1881046.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

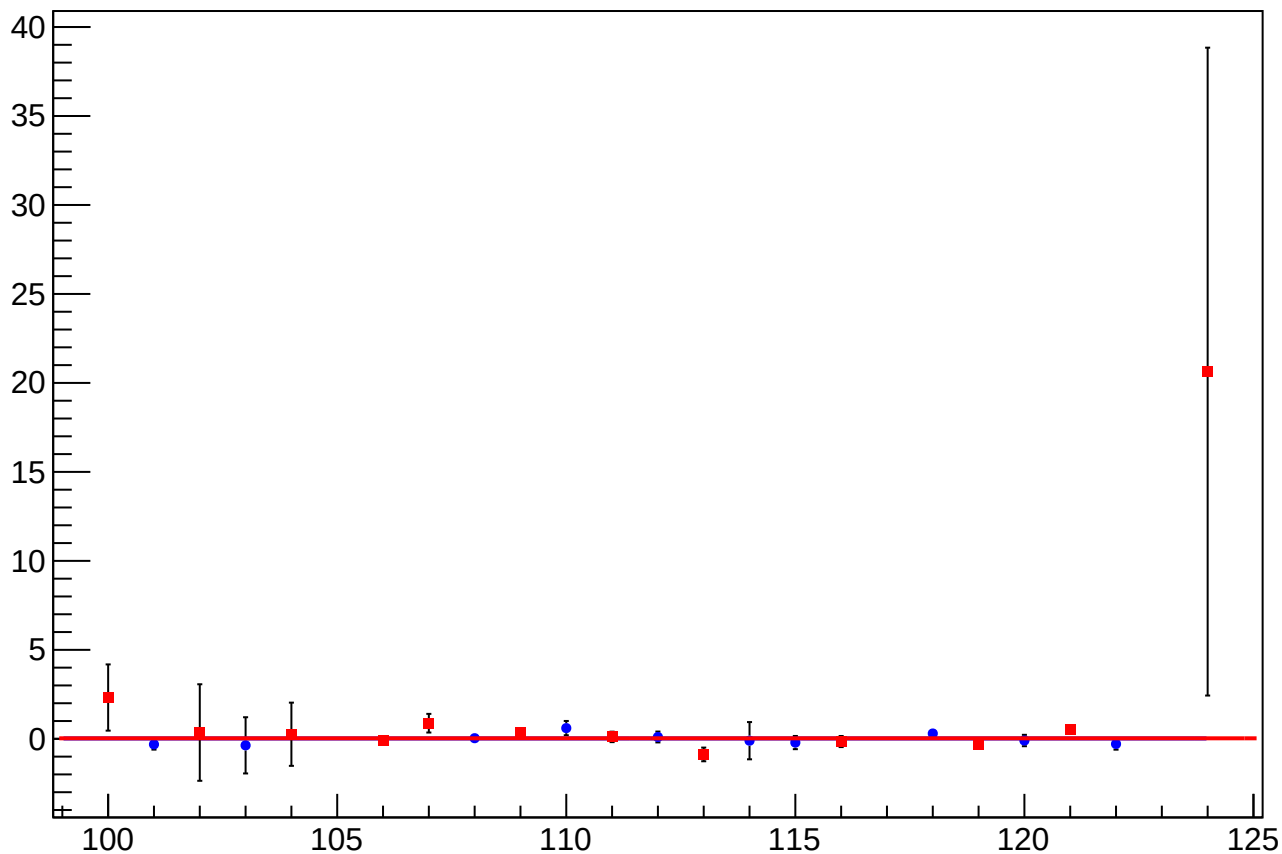
Right: 0.000+/-0.000 χ^2/NDF : 3994878.7/21

In: 0.000+/-0.000 χ^2/NDF : 2040763.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3994878.7/21

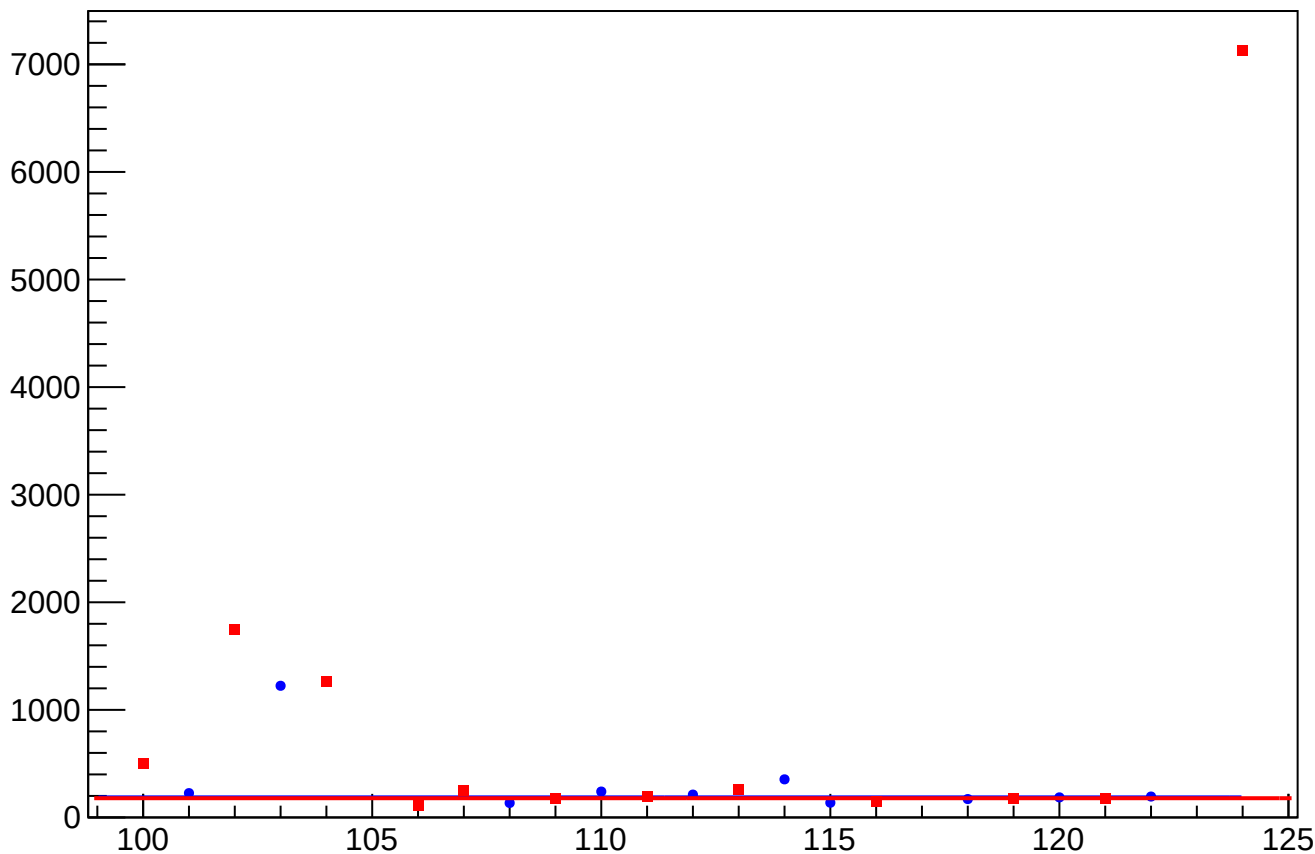
asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.102 χ^2/NDF : 6.4/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.029+/-0.101 χ^2/NDF : 18.4/11
 Left 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+/-0.072 χ^2/NDF : 24.8/21
 In: 0.020+/-0.102 χ^2/NDF : 6.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.024+/-0.072 χ^2/NDF : 24.8/21

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.639+/-0.072 χ^2/NDF : 1156726.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.815+/-0.072 χ^2/NDF : 2083002.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

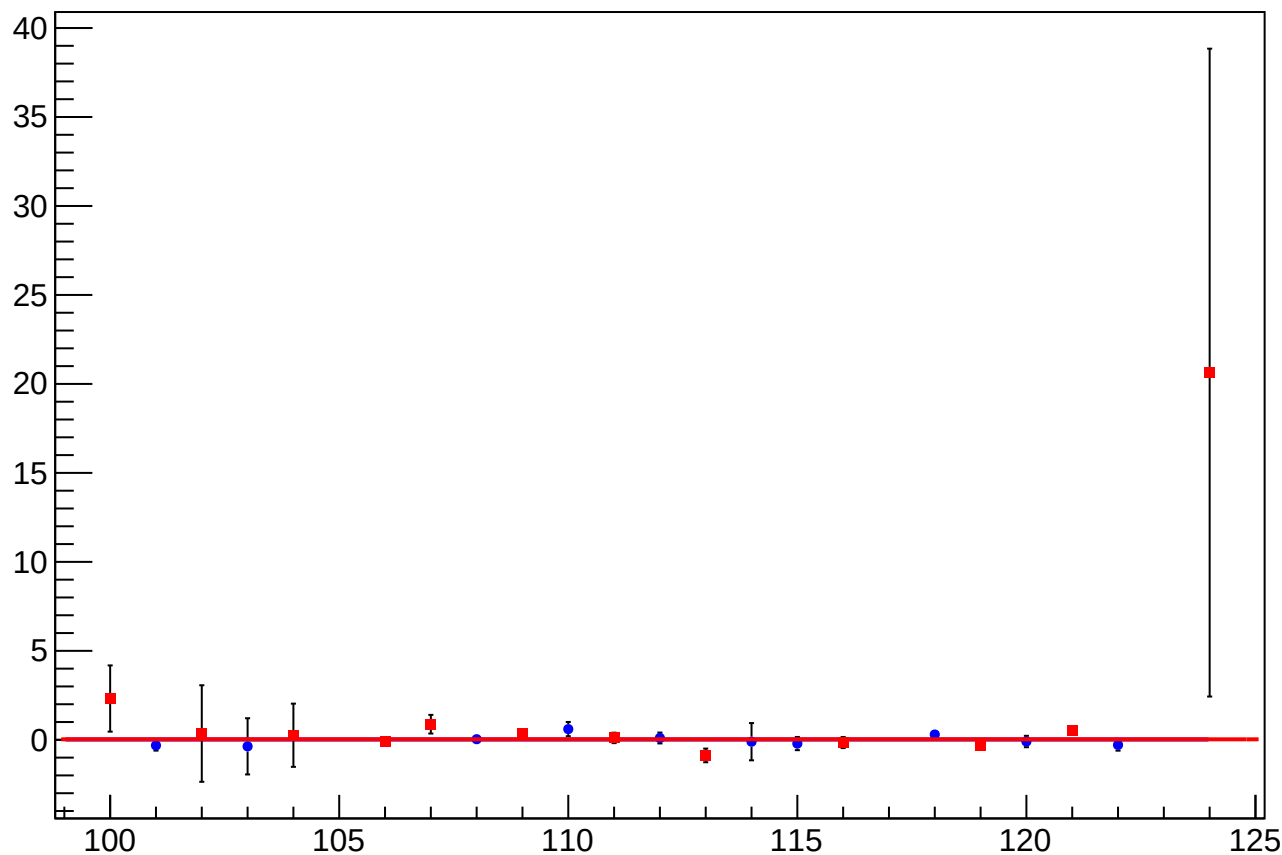
Right: 182.685+/-0.051 χ^2/NDF : 3245628.2/21

In: 186.639+/-0.072 χ^2/NDF : 1156726.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.685+/-0.051 χ^2/NDF : 3245628.2/21

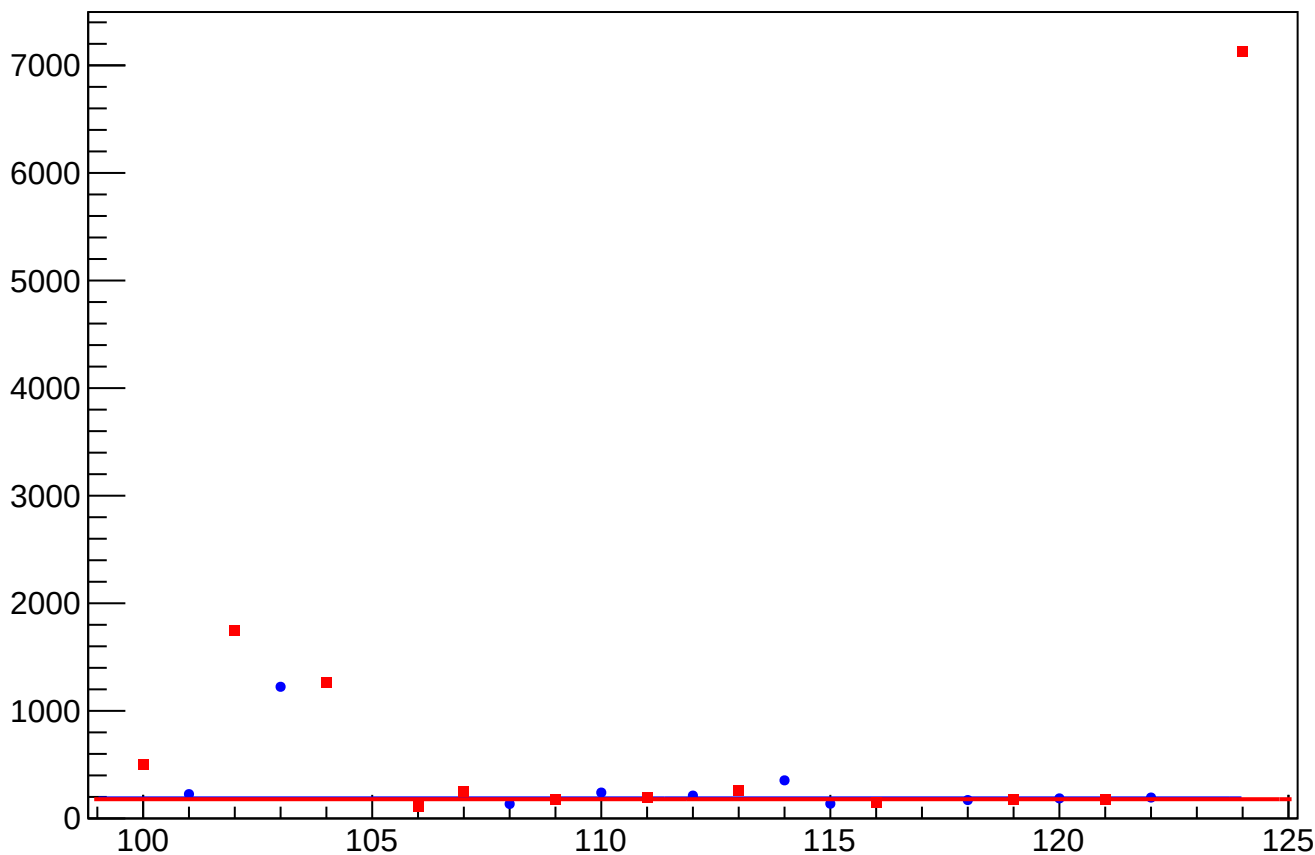
asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020±/-0.102 χ^2/NDF : 6.4/9
 Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.029±/-0.101 χ^2/NDF : 18.4/11
 Left 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±/-0.072 χ^2/NDF : 24.8/21
 In: 0.020±/-0.102 χ^2/NDF : 6.4/9
 Out: 0.000±/-0.000 χ^2/NDF : 0.0/0
 All: 0.024±/-0.072 χ^2/NDF : 24.8/21

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.639+/-0.072 χ^2/NDF : 1156726.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.815+/-0.072 χ^2/NDF : 2083002.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

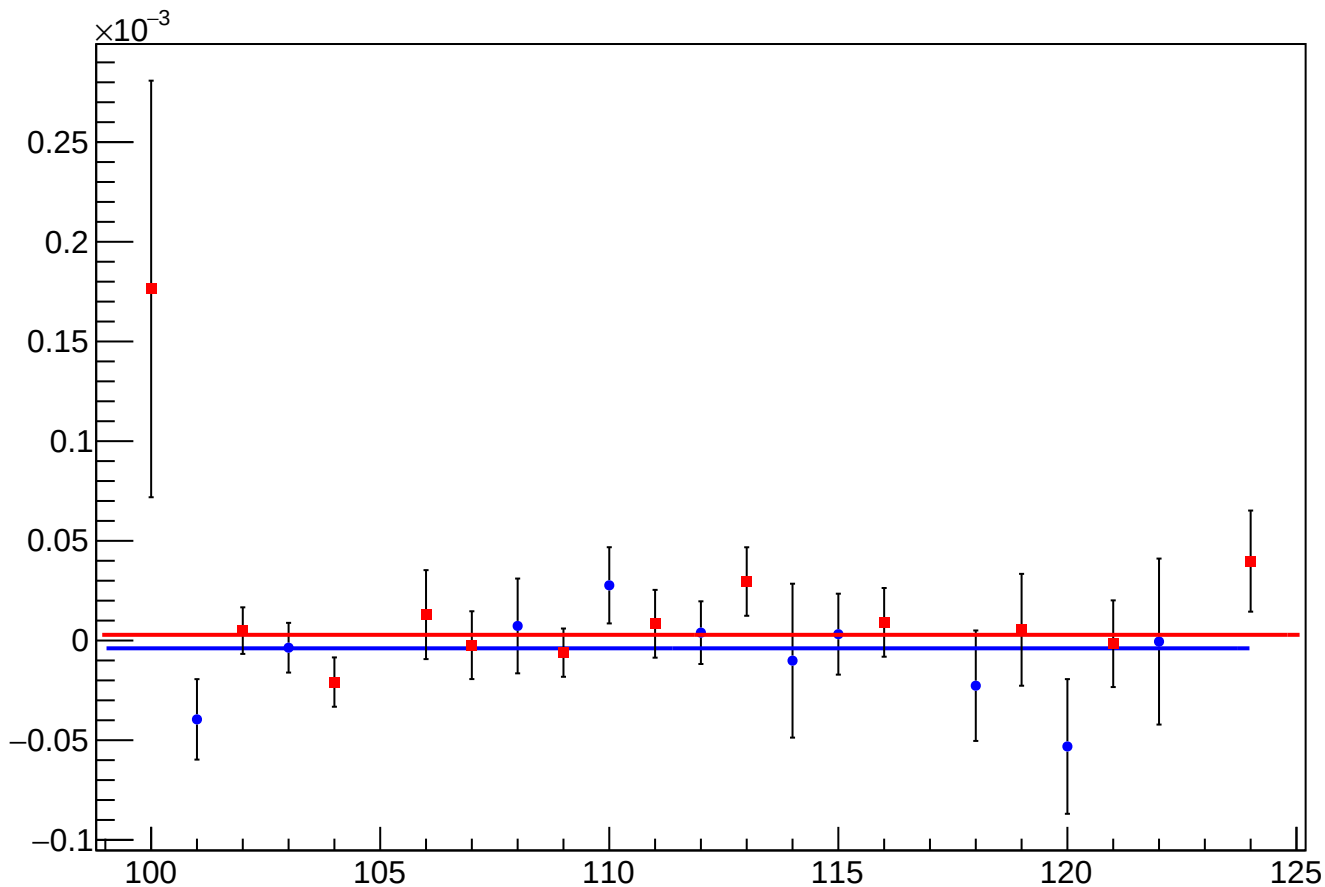
Right: 182.685+/-0.051 χ^2/NDF : 3245628.2/21

In: 186.639+/-0.072 χ^2/NDF : 1156726.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.685+/-0.051 χ^2/NDF : 3245628.2/21

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

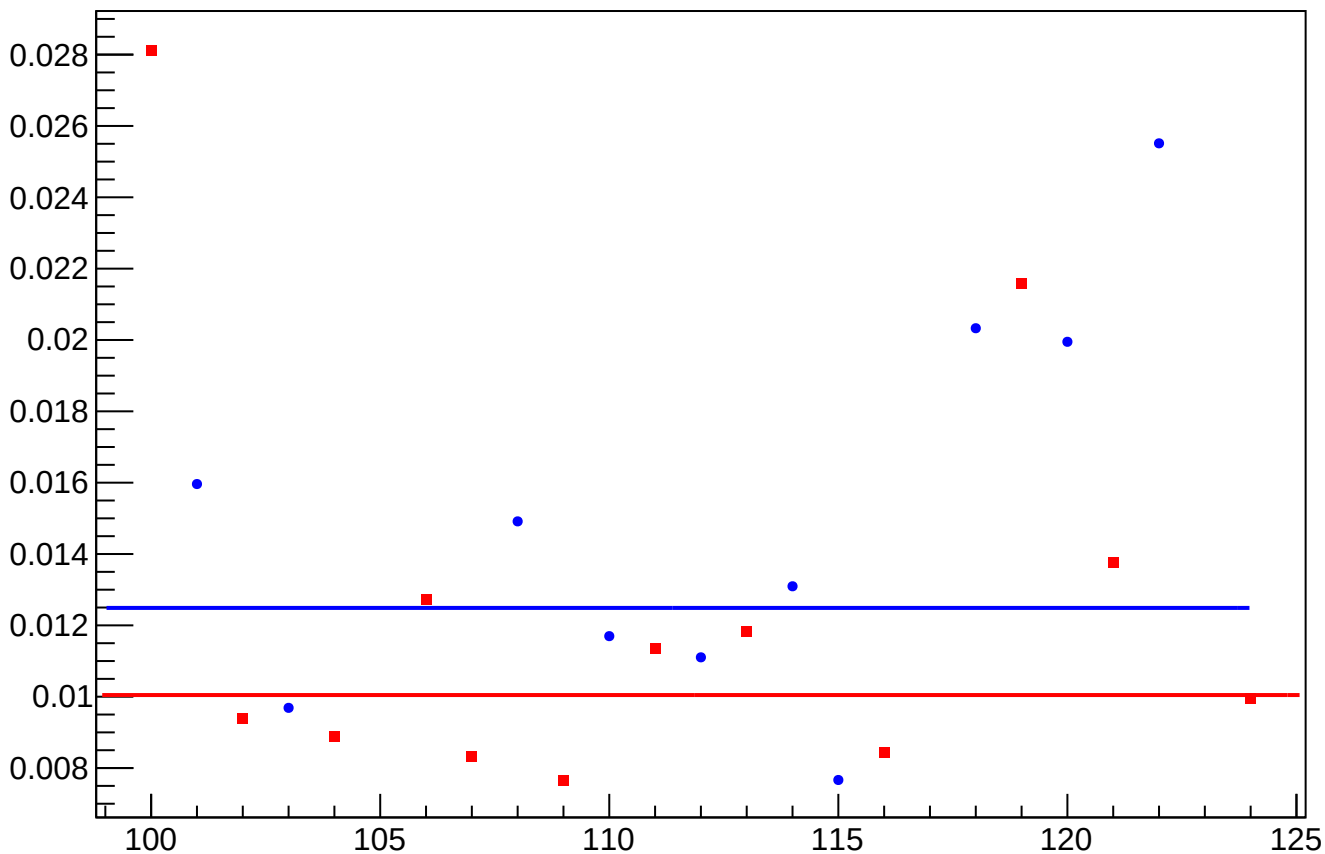
Right: 0.000+/-0.000 χ^2/NDF : 21.9/21

In: -0.000+/-0.000 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.9/21

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 766934.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 657678.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

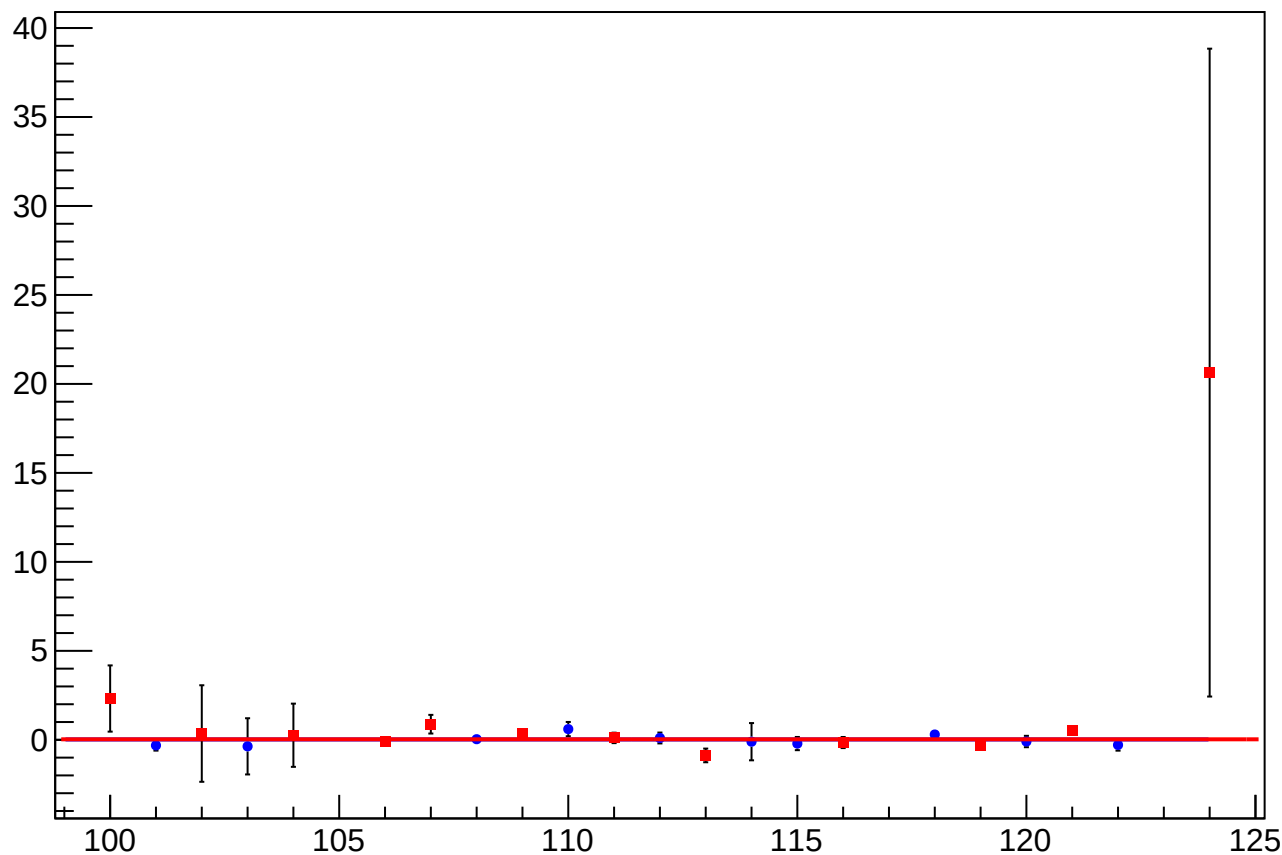
Right: 0.011+/-0.000 χ^2/NDF : 1602506.4/21

In: 0.012+/-0.000 χ^2/NDF :766934.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1602506.4/21

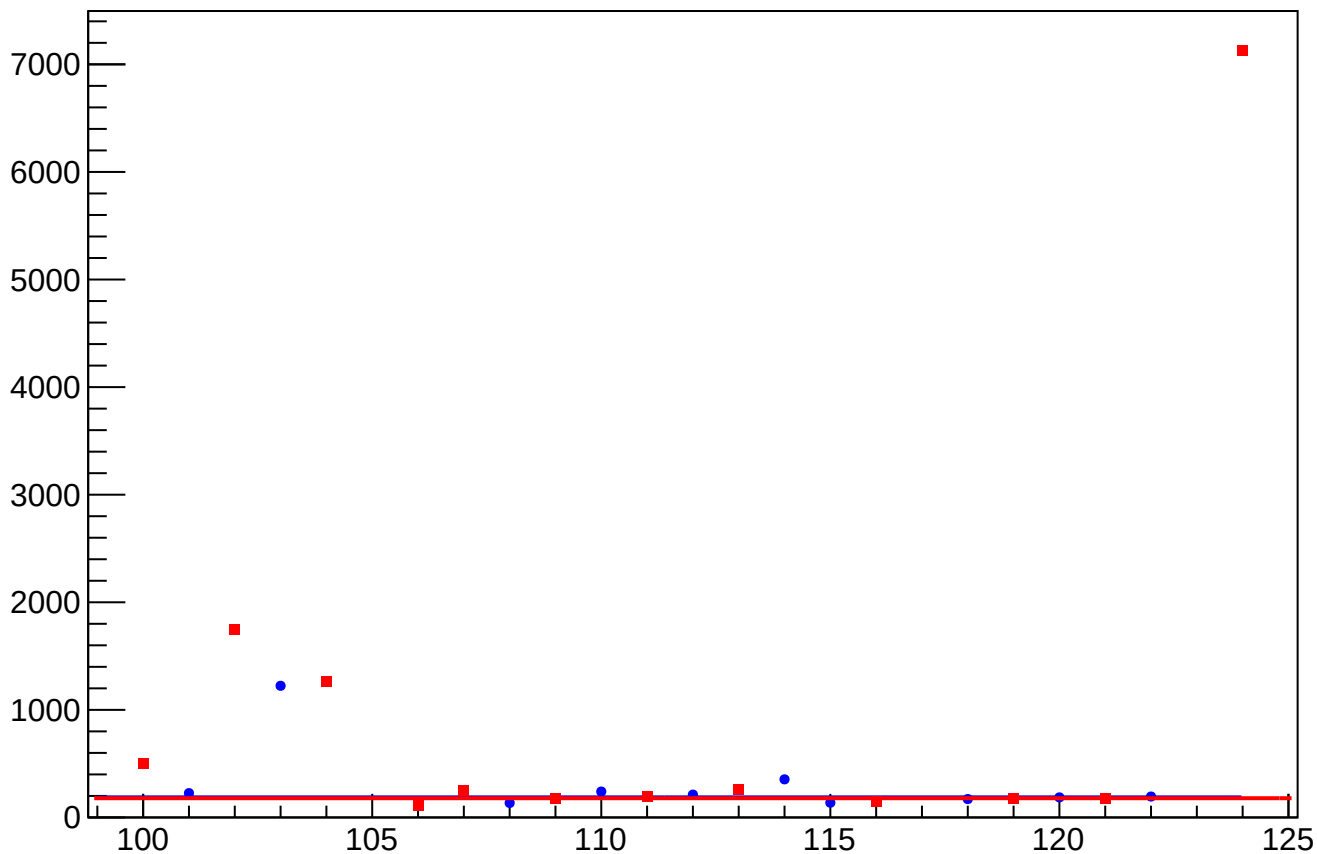
asym_atl1r2_avg_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.020+/-0.102 χ^2/NDF : 6.4/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.029+/-0.101 χ^2/NDF : 18.4/11
 Left 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+/-0.072 χ^2/NDF : 24.8/21
 In: 0.020+/-0.102 χ^2/NDF : 6.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.024+/-0.072 χ^2/NDF : 24.8/21

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.637+/-0.072 χ^2/NDF : 1156735.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.813+/-0.072 χ^2/NDF : 2083024.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

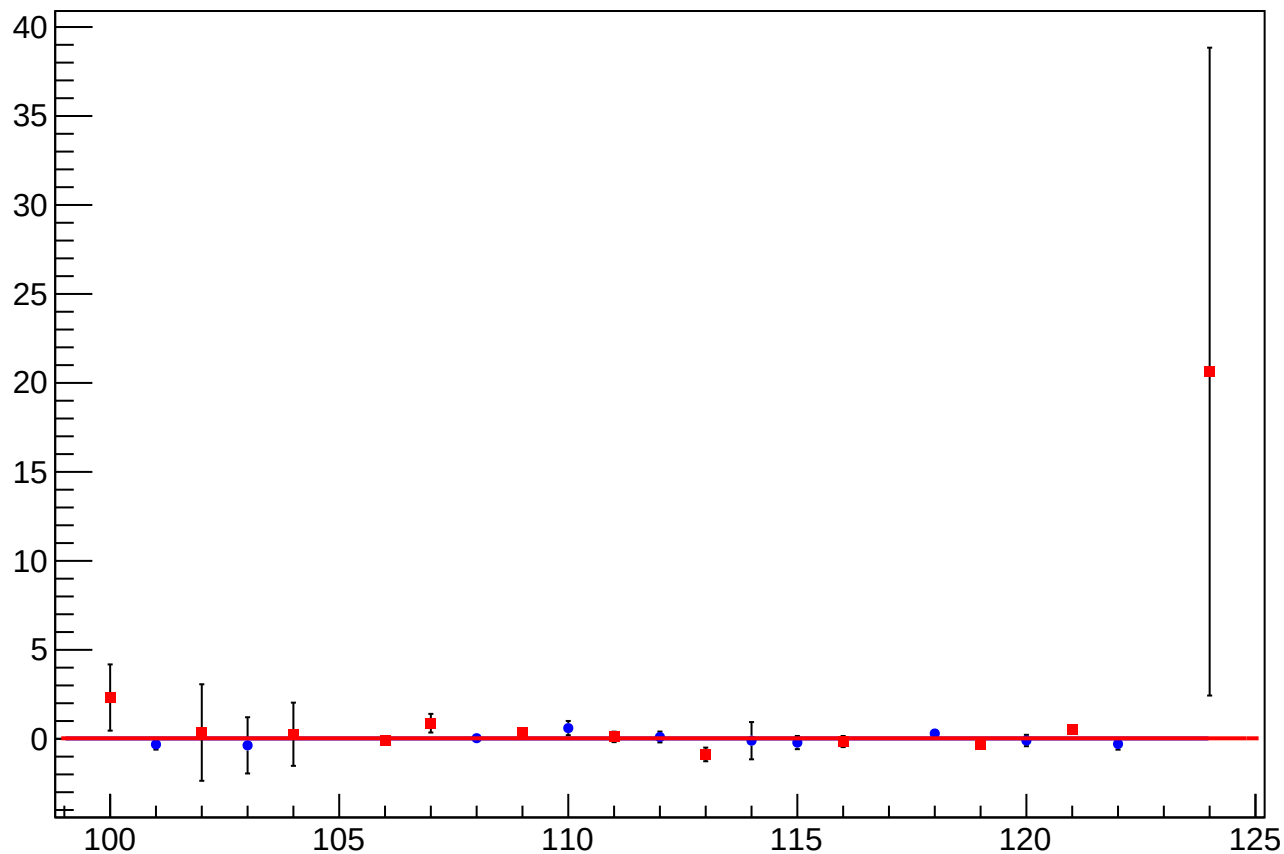
Right: 182.683+/-0.051 χ^2/NDF : 3245658.3/21

In: 186.637+/-0.072 χ^2/NDF : 1156735.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.683+/-0.051 χ^2/NDF : 3245658.3/21

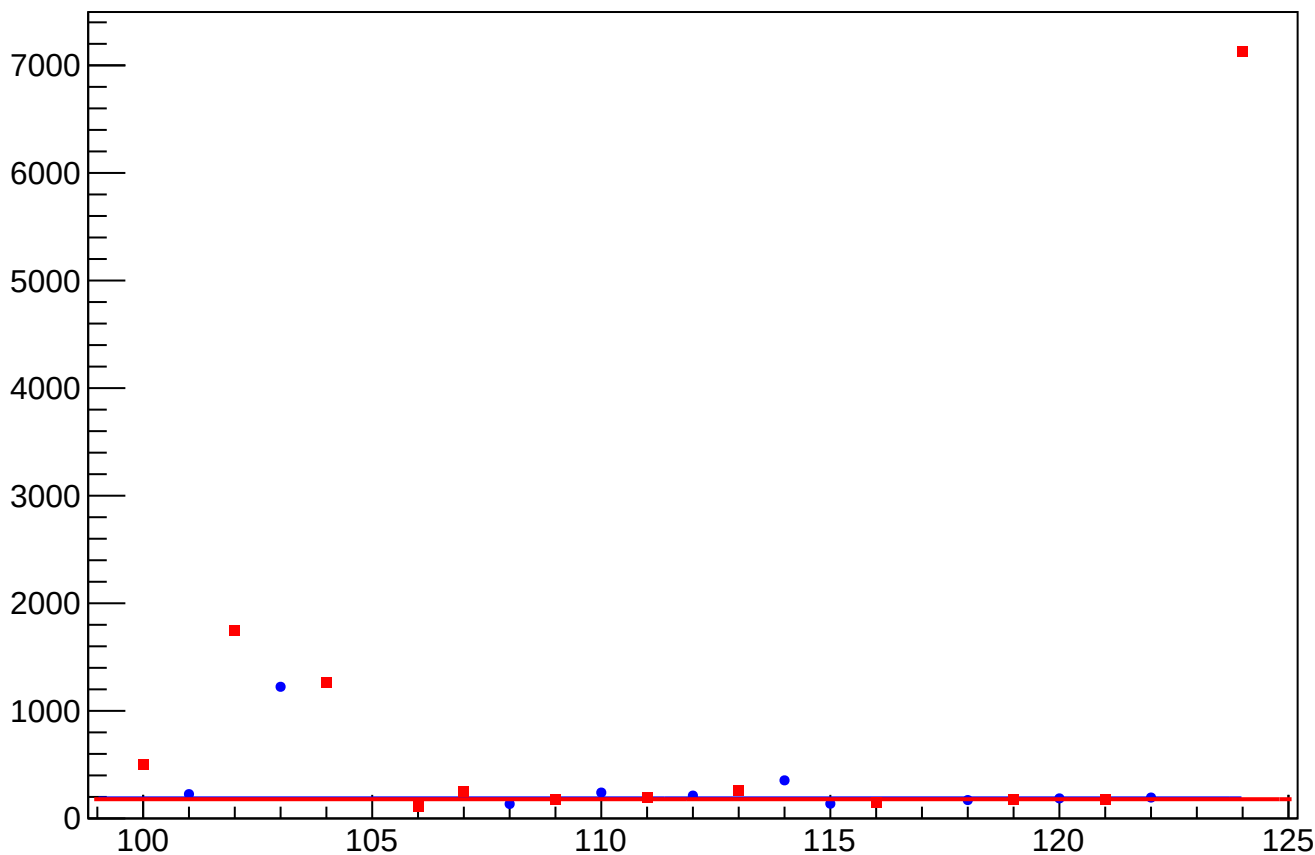
asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.102 χ^2/NDF : 6.4/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.029+/-0.101 χ^2/NDF : 18.4/11
 Left 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+/-0.072 χ^2/NDF : 24.8/21
 In: 0.020+/-0.102 χ^2/NDF : 6.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.024+/-0.072 χ^2/NDF : 24.8/21

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 186.637+/-0.072 χ^2/NDF : 1156735.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.813+/-0.072 χ^2/NDF : 2083024.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

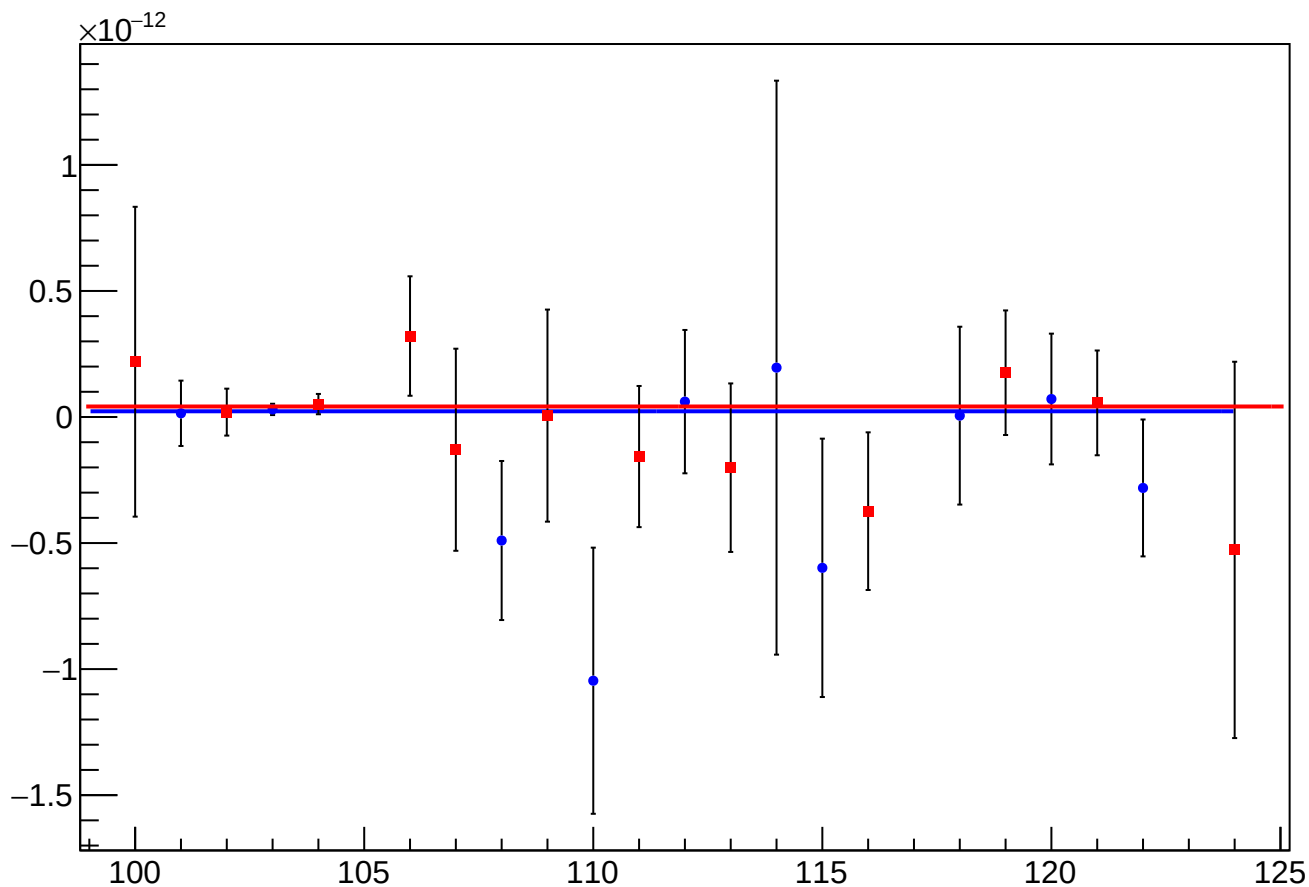
Right: 182.683+/-0.051 χ^2/NDF : 3245658.3/21

In: 186.637+/-0.072 χ^2/NDF : 1156735.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.683+/-0.051 χ^2/NDF : 3245658.3/21

asym_atl1r2_avg_eigen_cor_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 : 5.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

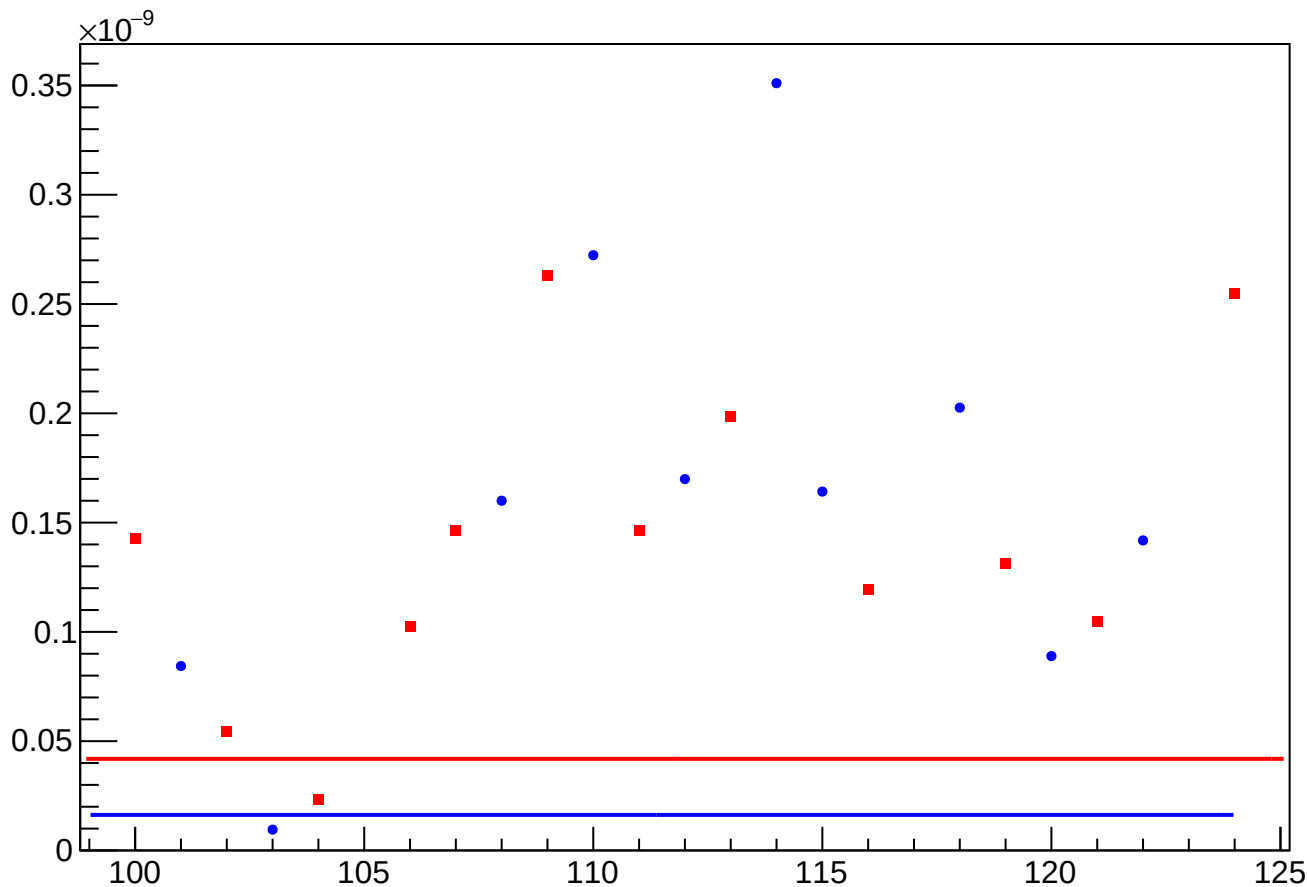
Right: 0.000+/-0.000 χ^2/NDF : 15.3/21

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 : 15.3/21

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3685825.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2789688.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

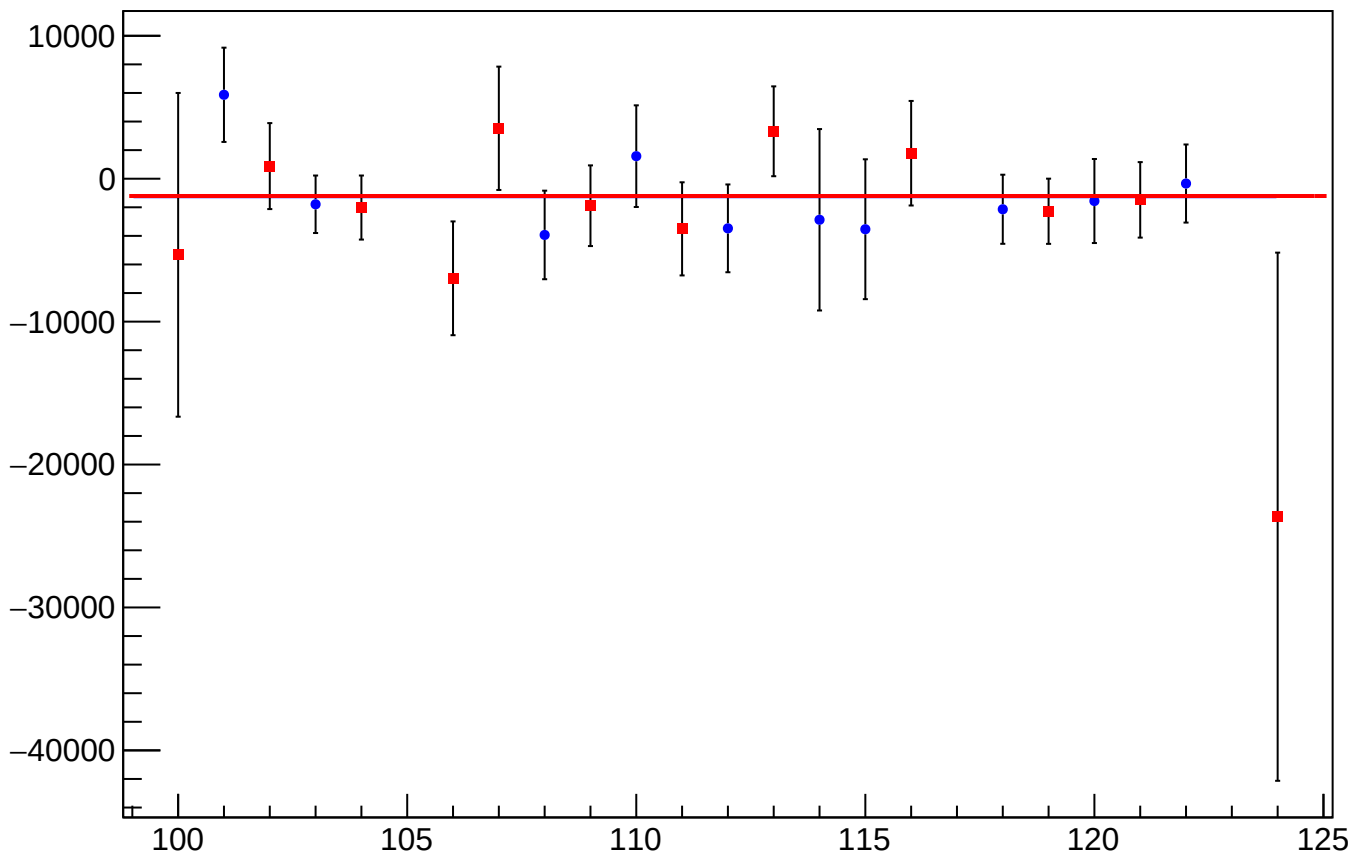
Right: 0.000+/-0.000 χ^2/NDF : 7264639.5/21

In: 0.000+/-0.000 χ^2/NDF : 3685825.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7264639.5/21

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1224.334 ± 946.772 $\chi^2/\text{NDF}: 7.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1210.106 ± 925.167 $\chi^2/\text{NDF}: 9.0/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

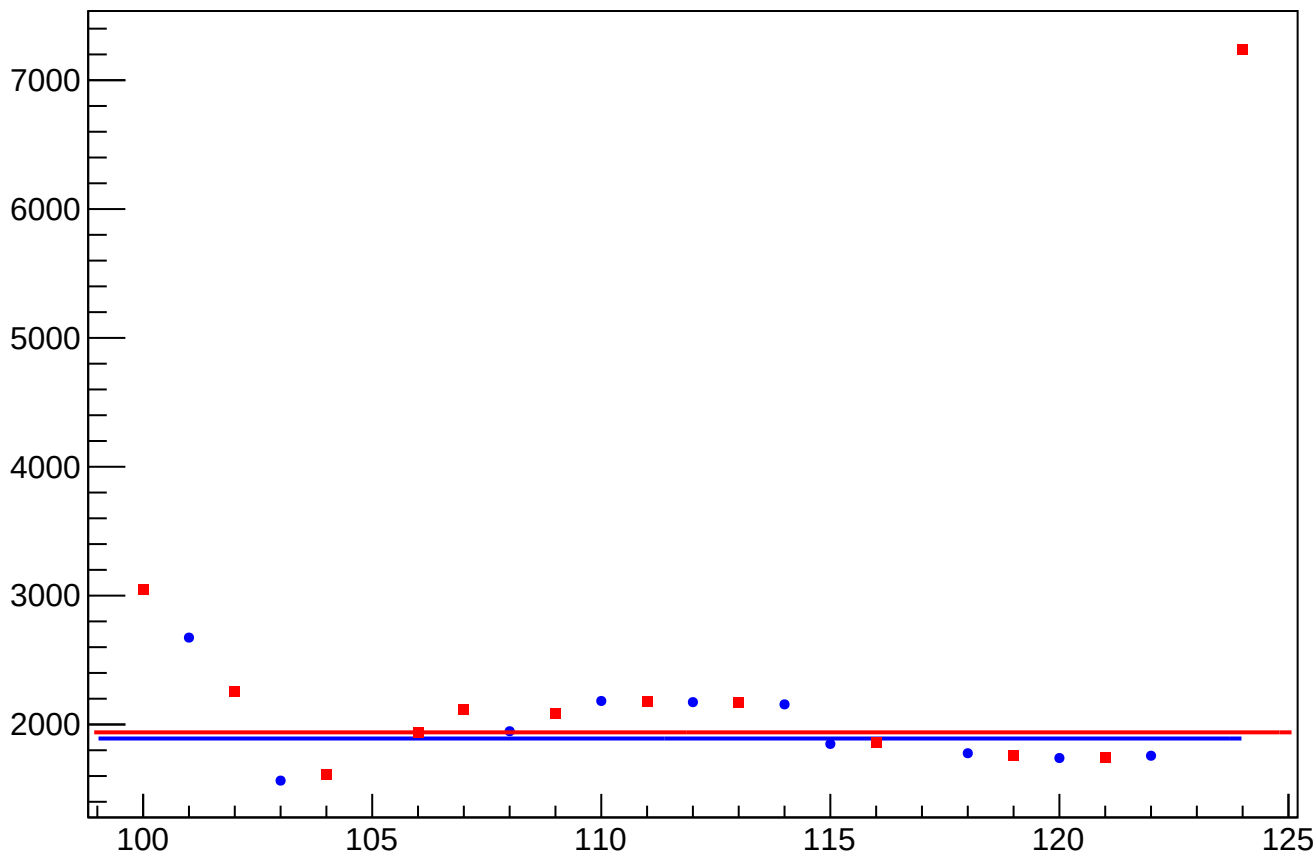
Right: -1217.056 ± 661.698 $\chi^2/\text{NDF}: 16.2/21$

In: -1224.334 ± 946.772 $\chi^2/\text{NDF}: 7.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1217.056 ± 661.698 $\chi^2/\text{NDF}: 16.2/21$

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1891.072+/-0.669 χ^2/NDF : 214698.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1938.945+/-0.652 χ^2/NDF : 303792.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

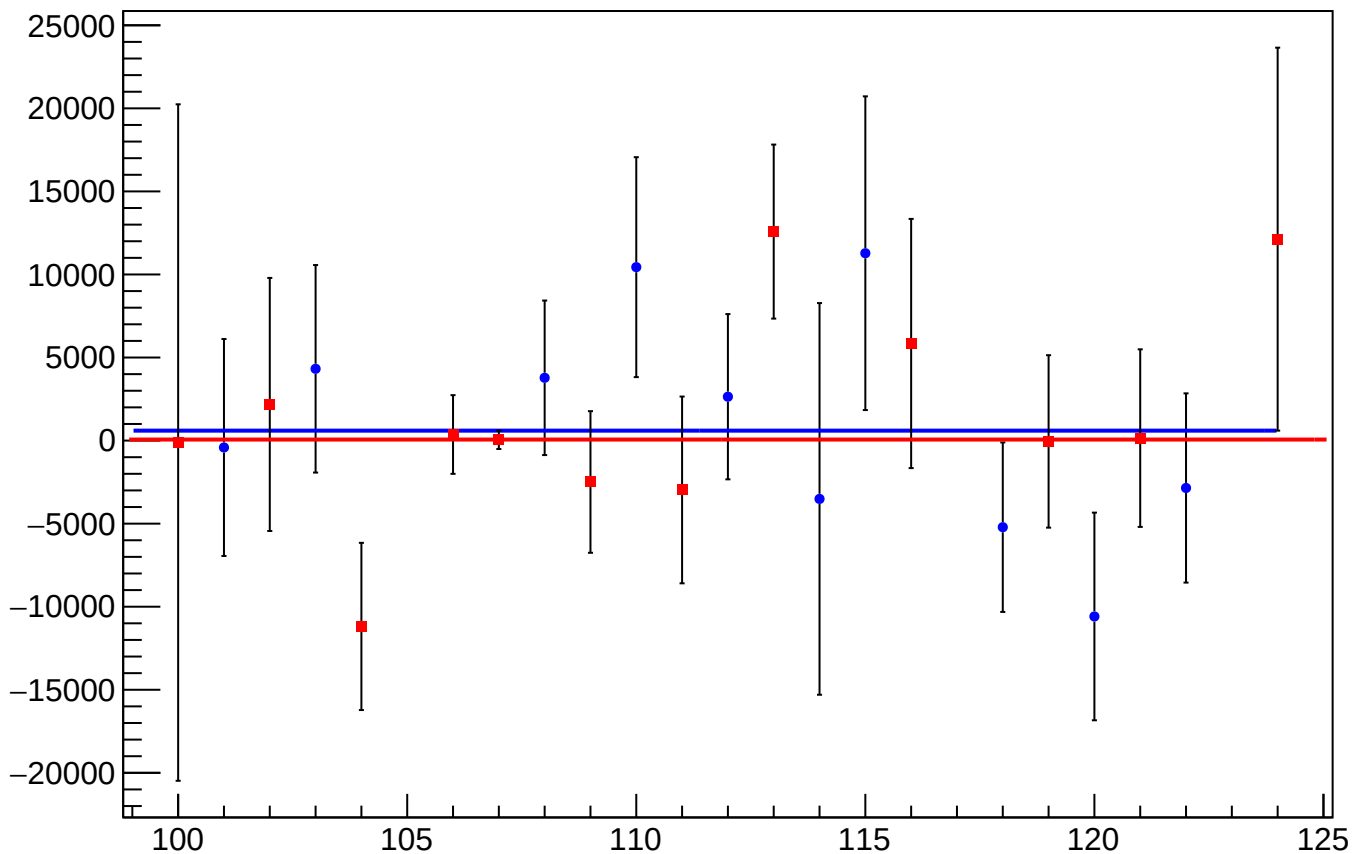
Right: 1915.656+/-0.467 χ^2/NDF : 521116.8/21

In: 1891.072+/-0.669 χ^2/NDF : 214698.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1915.656+/-0.467 χ^2/NDF : 521116.8/21

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 598.635 $\pm$ 1918.086 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.352 $\pm$ 515.784 χ^2 /NDF: 13.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

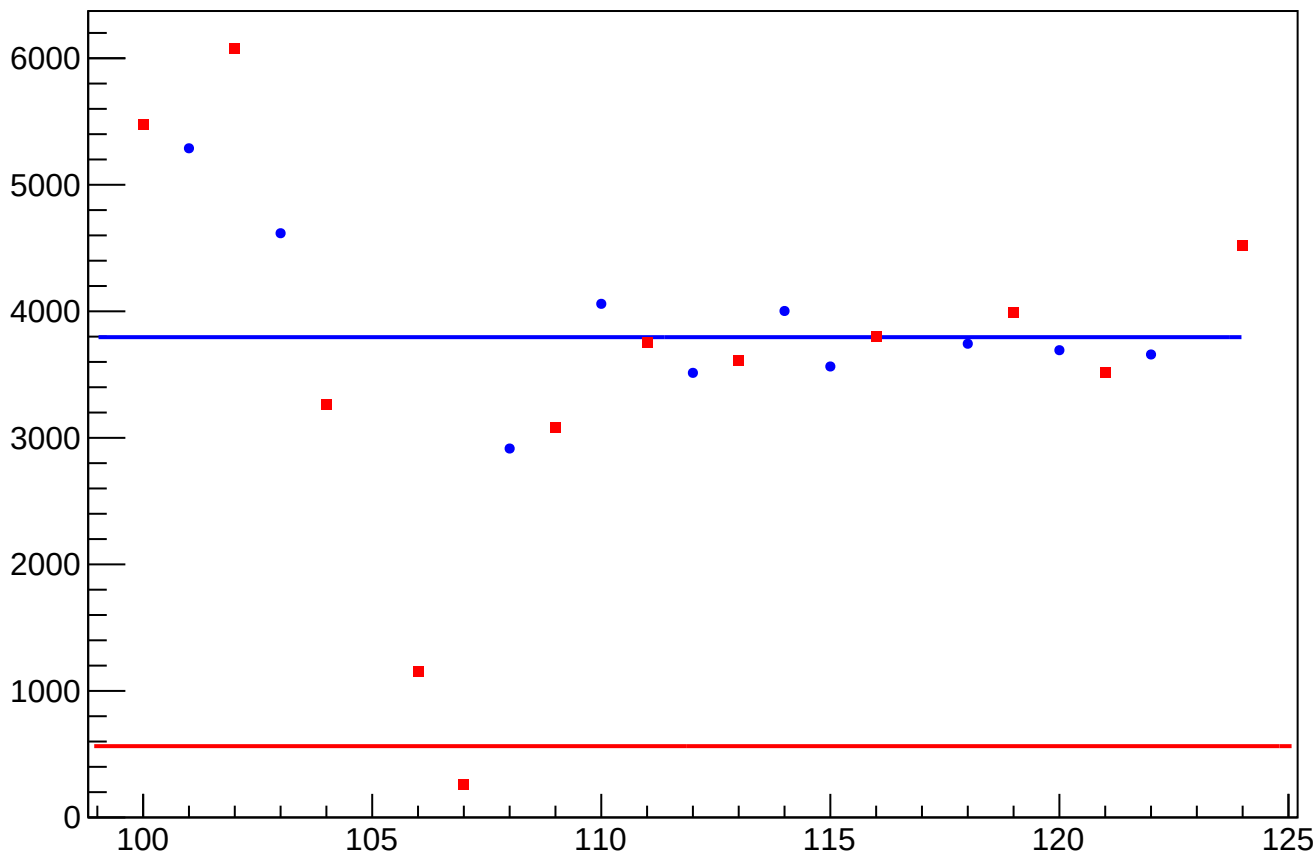
Right: 98.516 $\pm$ 498.090 χ^2 /NDF: 22.7/21

In: 598.635 $\pm$ 1918.086 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.516 $\pm$ 498.090 χ^2 /NDF: 22.7/21

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3795.769+/-1.356 χ^2/NDF : 223994.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 563.527+/-0.365 χ^2/NDF : 6566626.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

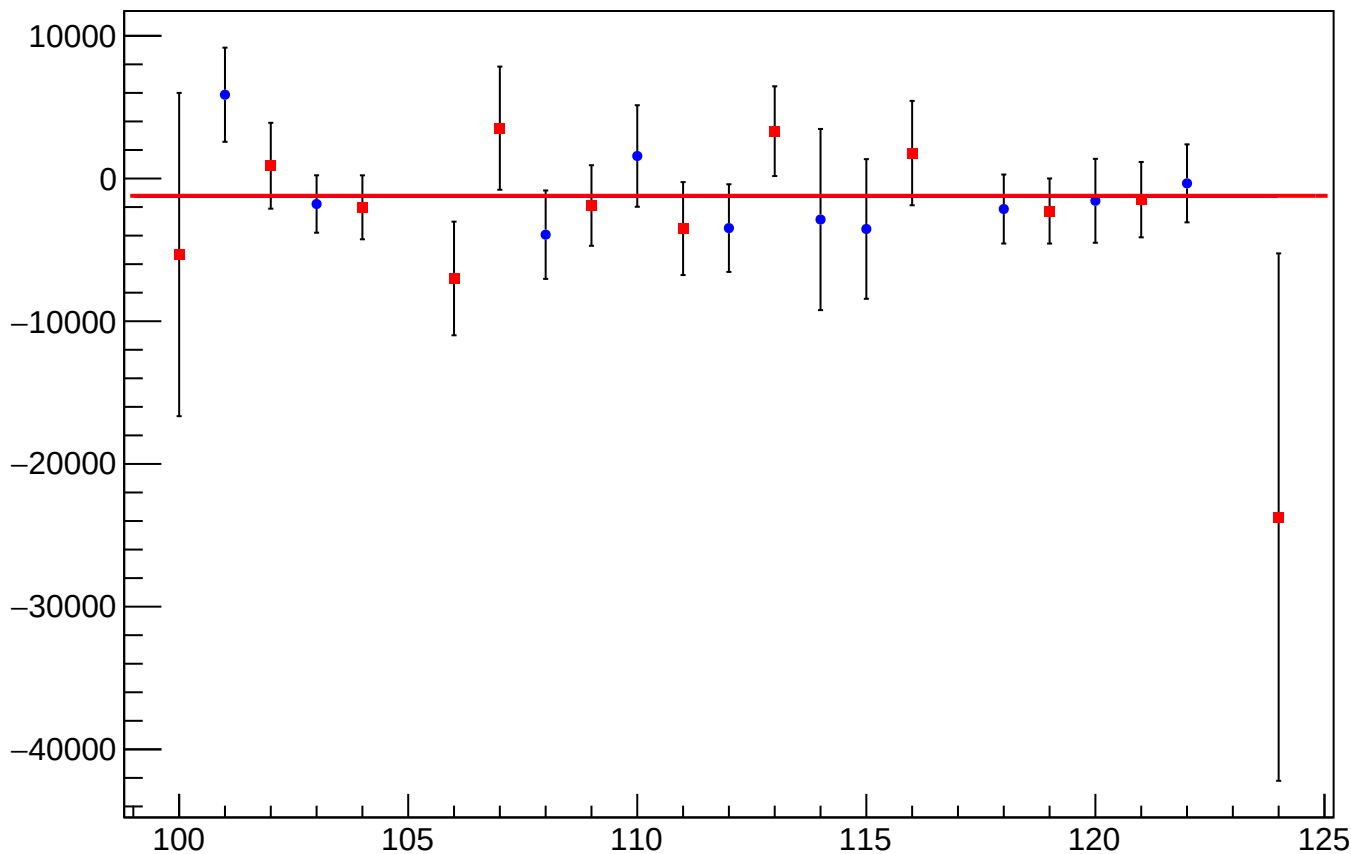
Right: 781.490+/-0.352 χ^2/NDF : 12087027.1/21

In: 3795.769+/-1.356 χ^2/NDF : 223994.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.490+/-0.352 χ^2/NDF : 12087027.1/21

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1223.585+/-946.772 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1210.960+/-925.171 χ^2/NDF : 9.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

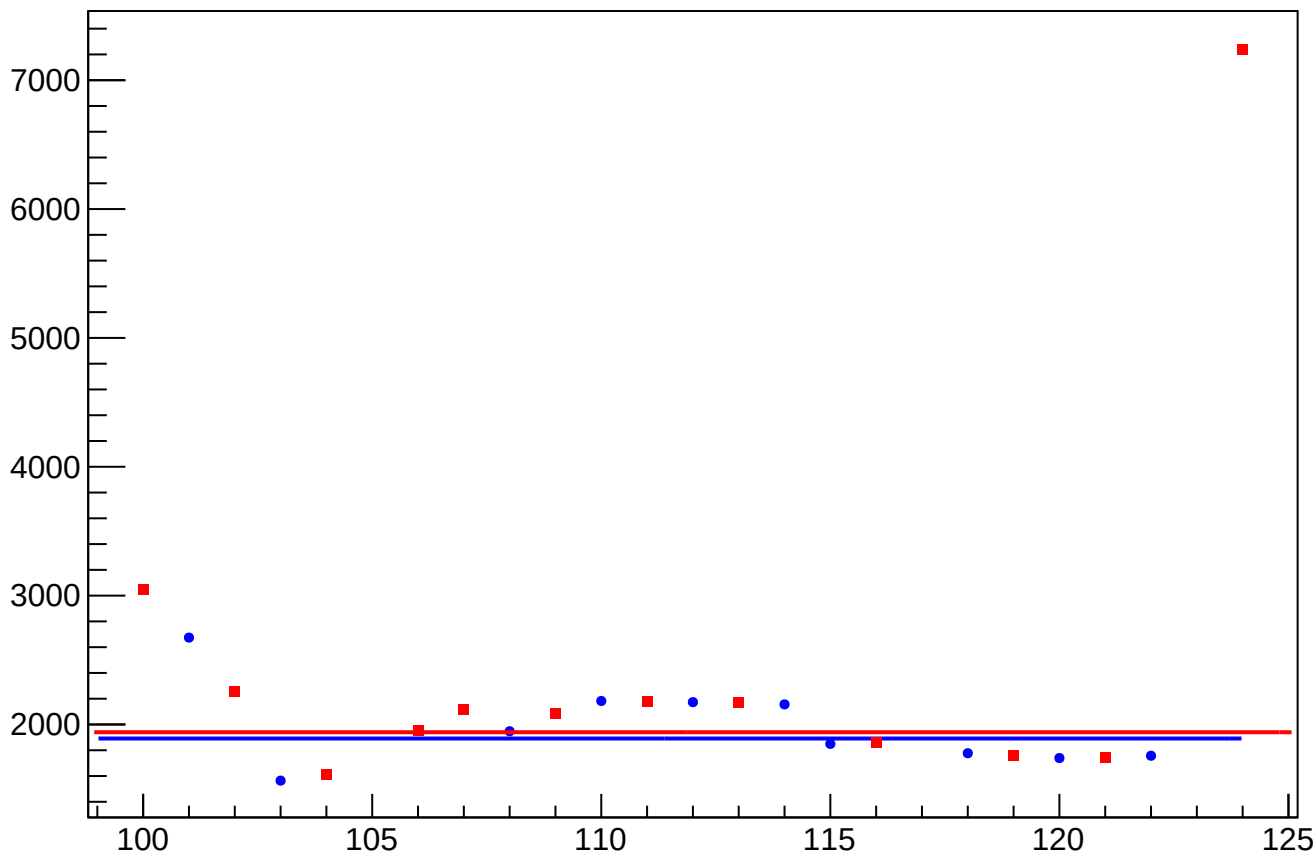
Right: -1217.127+/-661.700 χ^2/NDF : 16.3/21

In: -1223.585+/-946.772 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1217.127+/-661.700 χ^2/NDF : 16.3/21

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1891.073+/-0.669 χ^2/NDF : 214697.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1939.768+/-0.652 χ^2/NDF : 303824.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

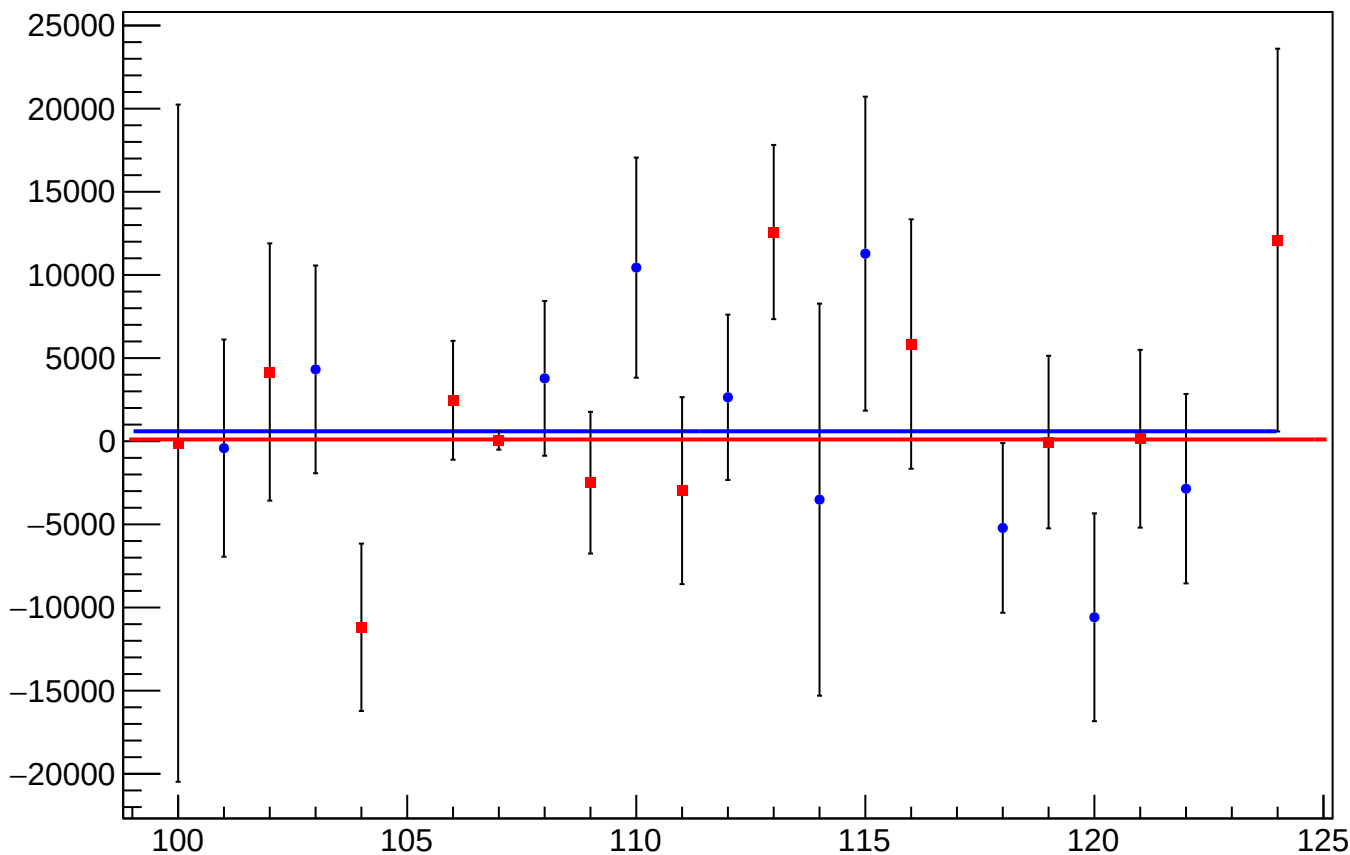
Right: 1916.070+/-0.467 χ^2/NDF : 521237.7/21

In: 1891.073+/-0.669 χ^2/NDF : 214697.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.070+/-0.467 χ^2/NDF : 521237.7/21

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 598.561+/-1918.099 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.071+/-522.789 χ^2/NDF : 13.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

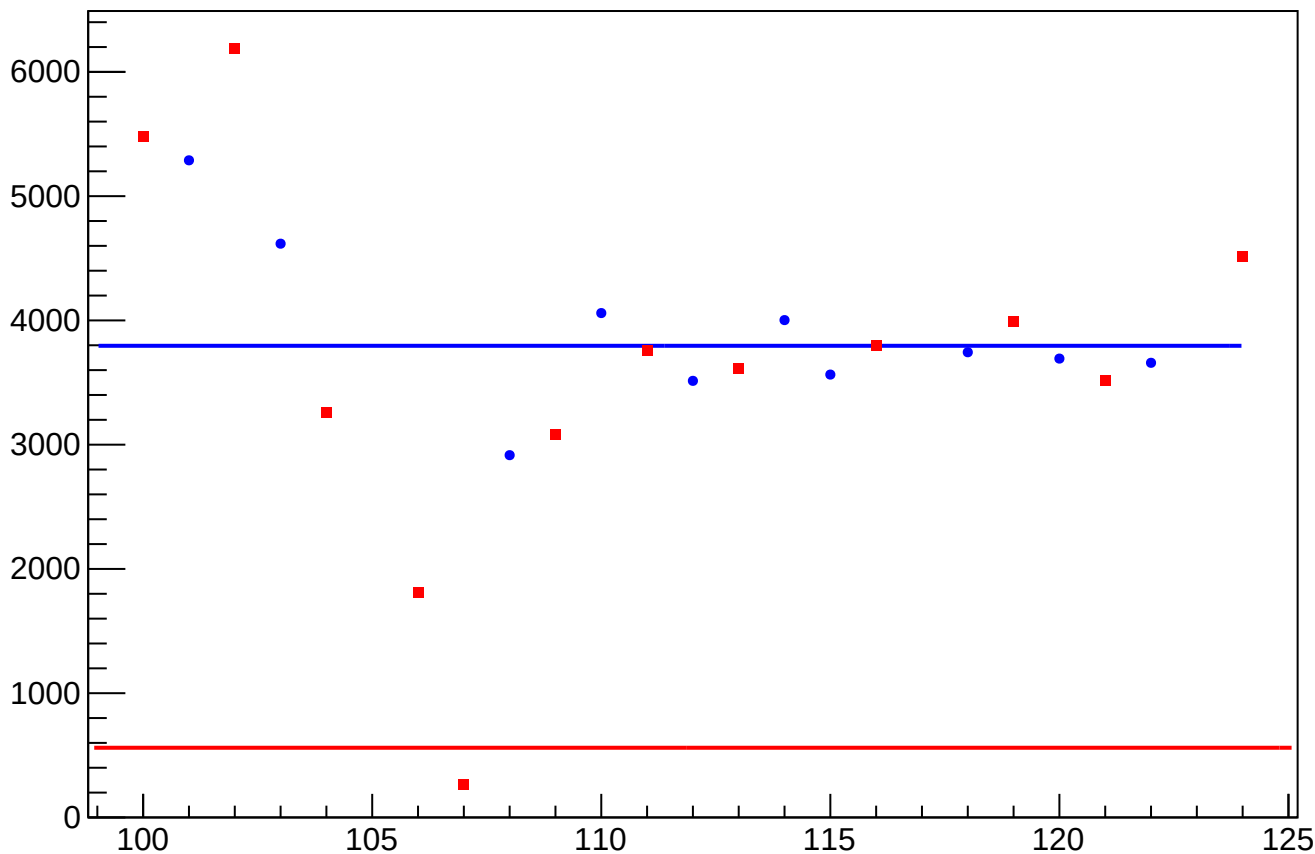
Right: 141.058+/-504.389 χ^2/NDF : 23.3/21

In: 598.561+/-1918.099 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.058+/-504.389 χ^2/NDF : 23.3/21

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3795.784+/-1.356 χ^2/NDF : 224017.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.961+/-0.370 χ^2/NDF : 6693833.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

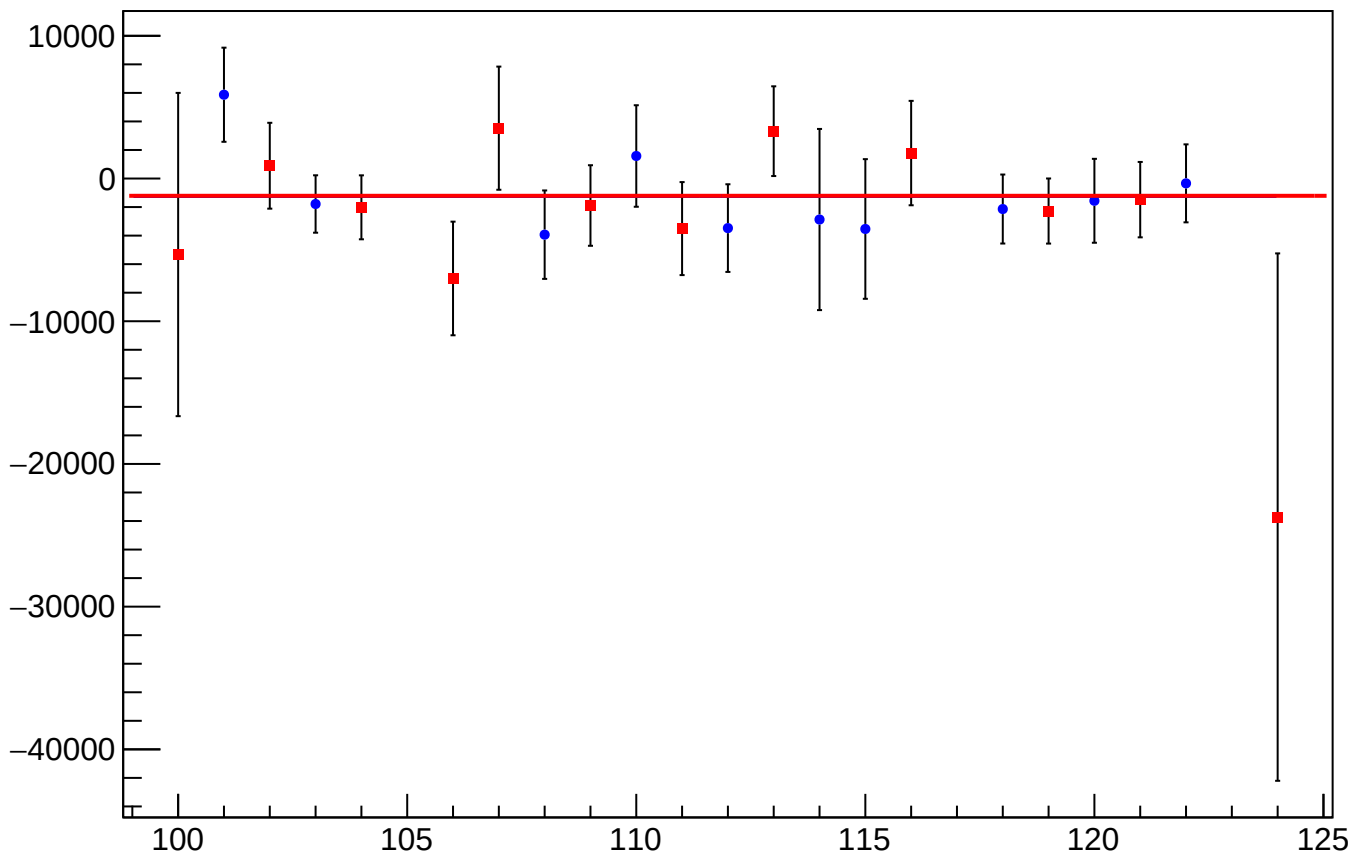
Right: 784.648+/-0.357 χ^2/NDF : 12212887.2/21

In: 3795.784+/-1.356 χ^2/NDF : 224017.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.648+/-0.357 χ^2/NDF : 12212887.2/21

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1223.585+/-946.772 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1210.960+/-925.171 χ^2/NDF : 9.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

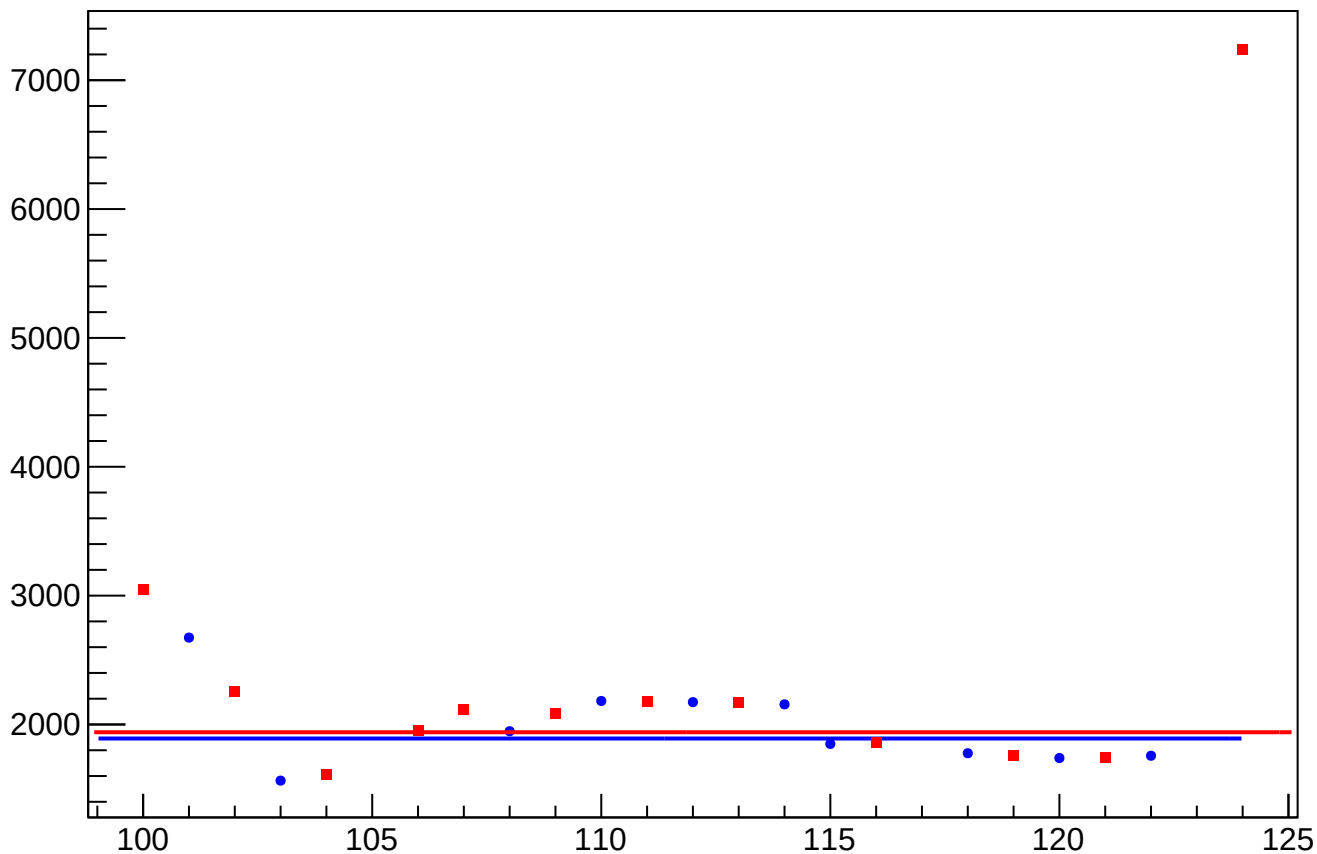
Right: -1217.127+/-661.700 χ^2/NDF : 16.3/21

In: -1223.585+/-946.772 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1217.127+/-661.700 χ^2/NDF : 16.3/21

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1891.073+/-0.669 χ^2/NDF : 214697.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1939.768+/-0.652 χ^2/NDF : 303824.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

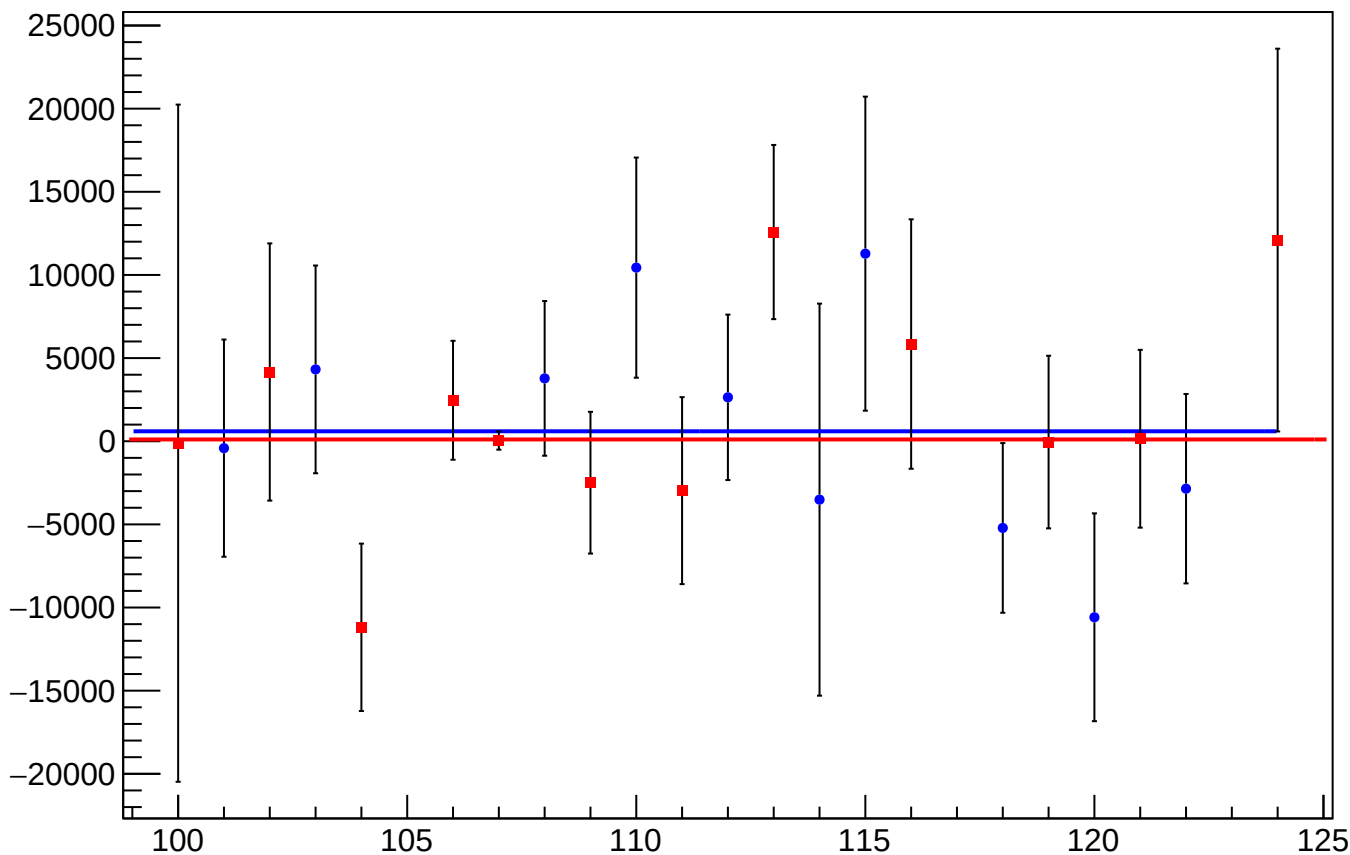
Right: 1916.070+/-0.467 χ^2/NDF : 521237.7/21

In: 1891.073+/-0.669 χ^2/NDF : 214697.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.070+/-0.467 χ^2/NDF : 521237.7/21

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 598.561+/-1918.099 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 107.071+/-522.789 χ^2/NDF : 13.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

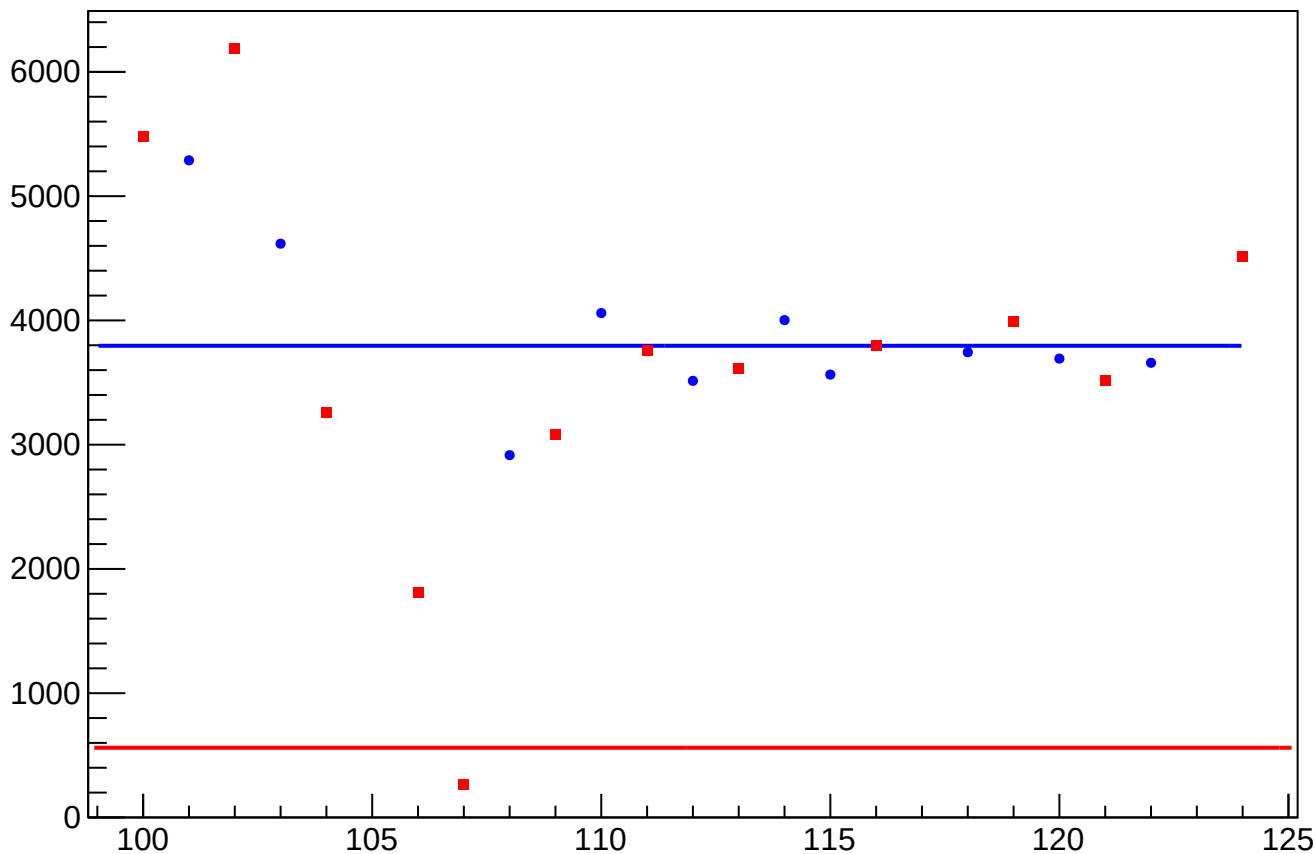
Right: 141.058+/-504.389 χ^2/NDF : 23.3/21

In: 598.561+/-1918.099 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 141.058+/-504.389 χ^2/NDF : 23.3/21

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3795.784+/-1.356 χ^2/NDF : 224017.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.961+/-0.370 χ^2/NDF : 6693833.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

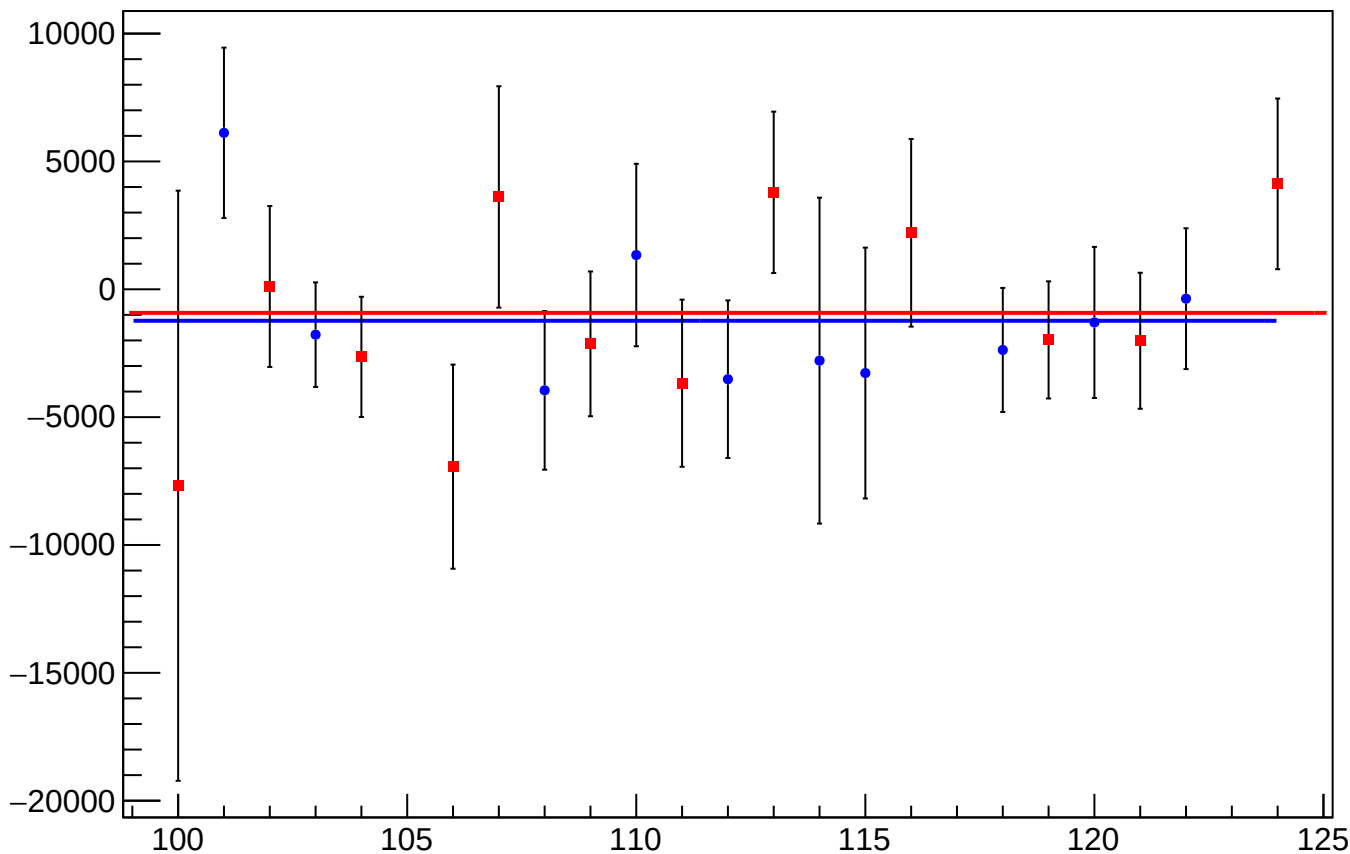
Right: 784.648+/-0.357 χ^2/NDF : 12212887.2/21

In: 3795.784+/-1.356 χ^2/NDF : 224017.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.648+/-0.357 χ^2/NDF : 12212887.2/21

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1231.101+/-953.744 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -921.494+/-905.205 χ^2/NDF : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

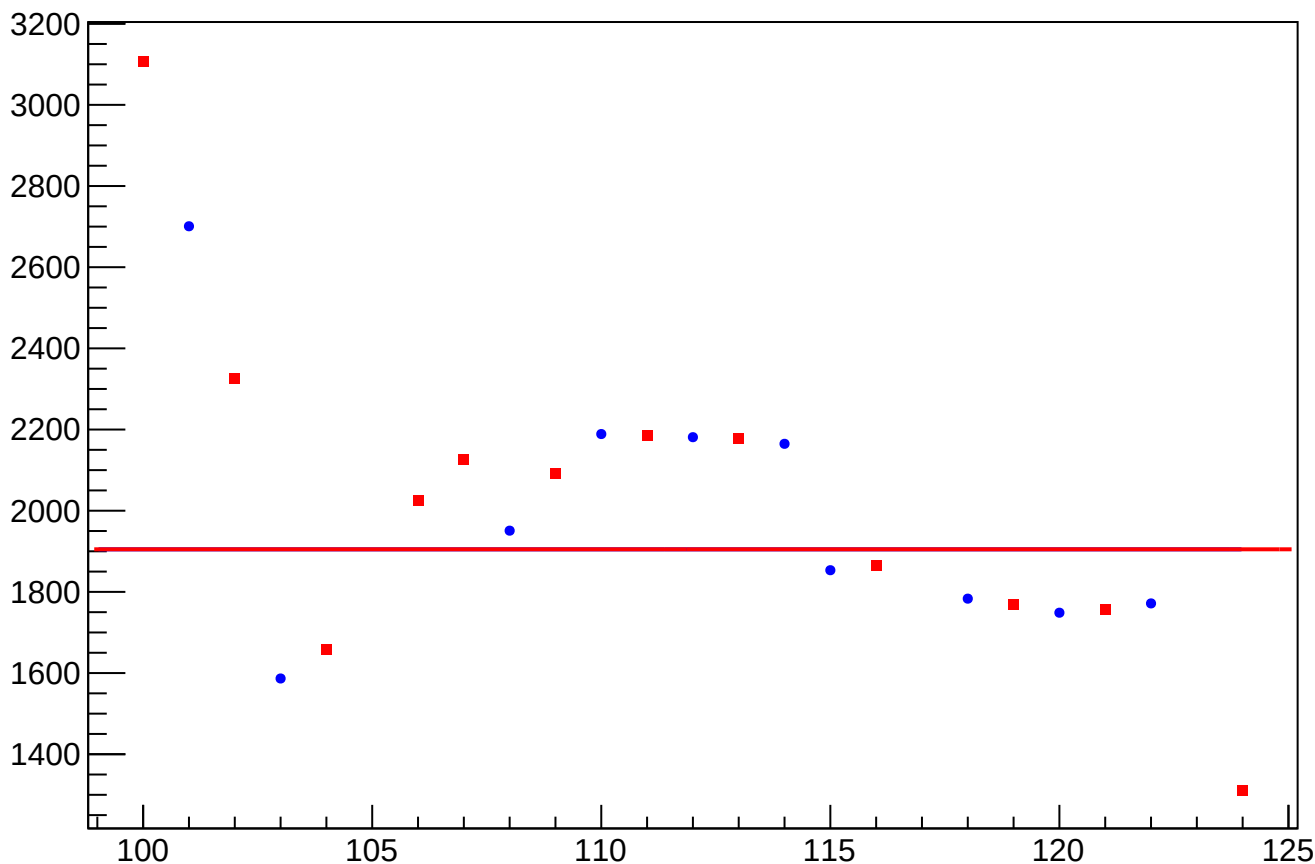
Right: -1068.219+/-656.566 χ^2/NDF : 18.3/21

In: -1231.101+/-953.744 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1068.219+/-656.566 χ^2/NDF : 18.3/21

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1904.800+/-0.674 χ^2/NDF : 210640.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1904.916+/-0.639 χ^2/NDF : 202294.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

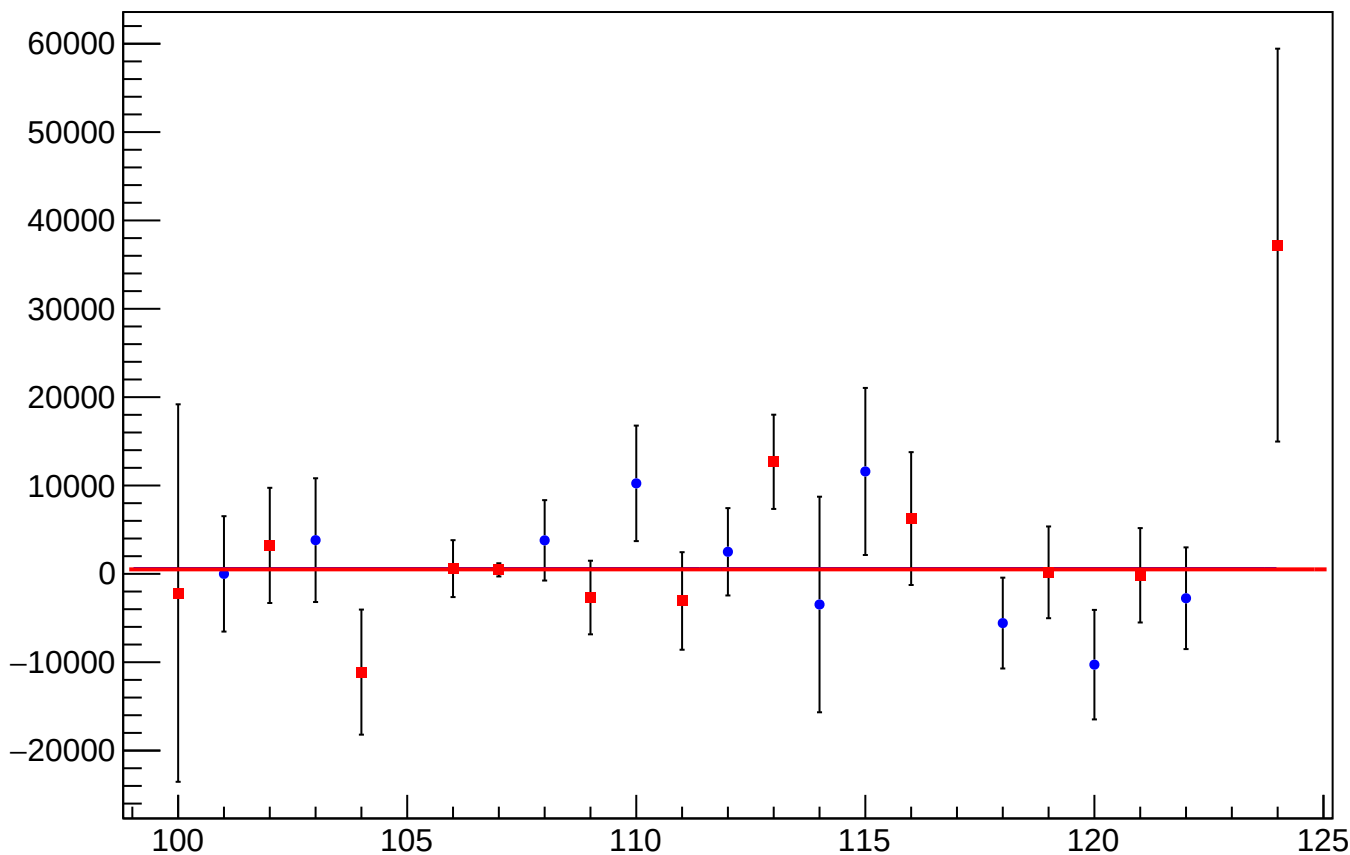
Right: 1904.861+/-0.464 χ^2/NDF : 412935.0/21

In: 1904.800+/-0.674 χ^2/NDF : 210640.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.861+/-0.464 χ^2/NDF : 412935.0/21

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 550.659+/-1930.117 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 509.834+/-680.750 χ^2/NDF : 12.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

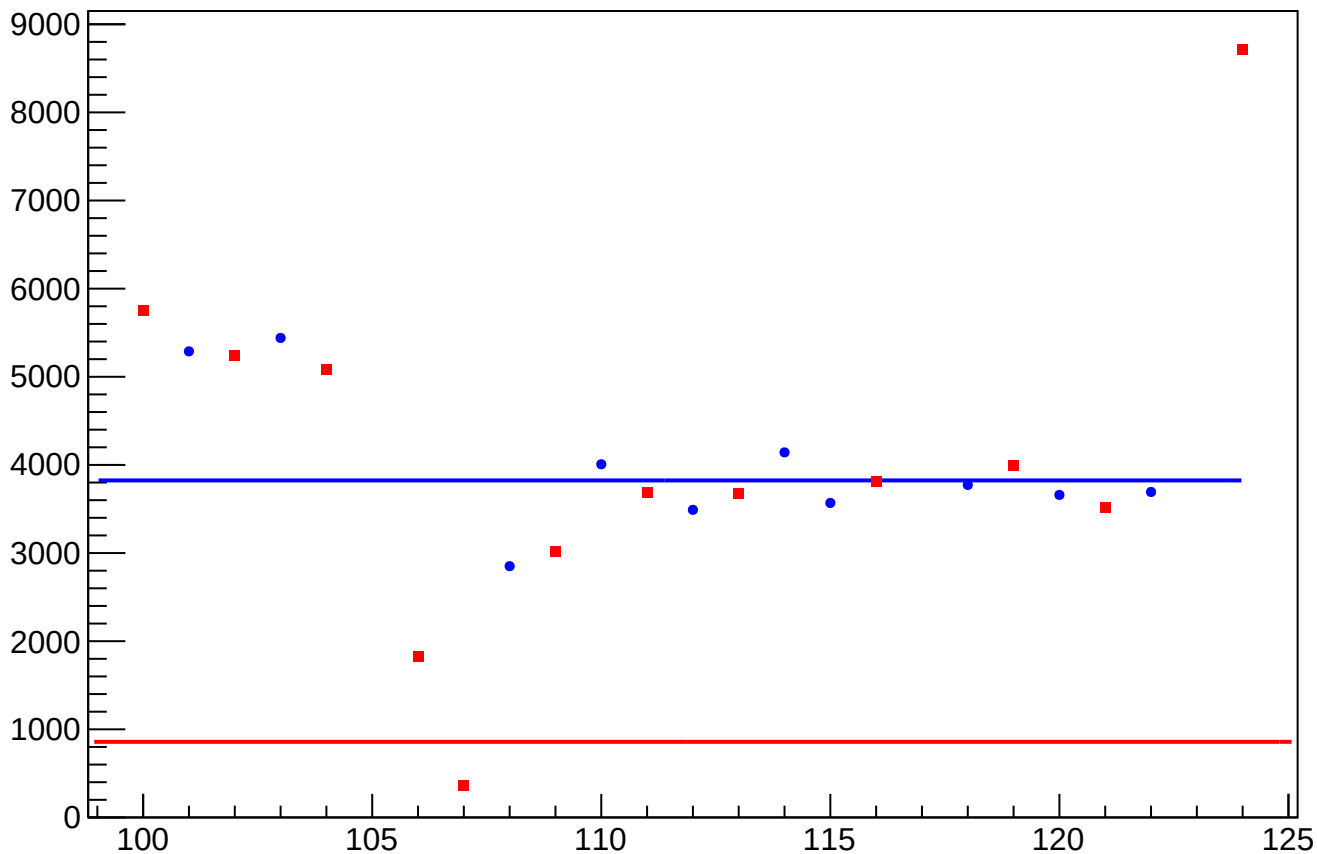
Right: 514.351+/-641.989 χ^2/NDF : 21.8/21

In: 550.659+/-1930.117 χ^2/NDF :9.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 514.351+/-641.989 χ^2/NDF : 21.8/21

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3824.214+/-1.365 χ^2/NDF : 314736.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 858.139+/-0.481 χ^2/NDF : 6171583.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

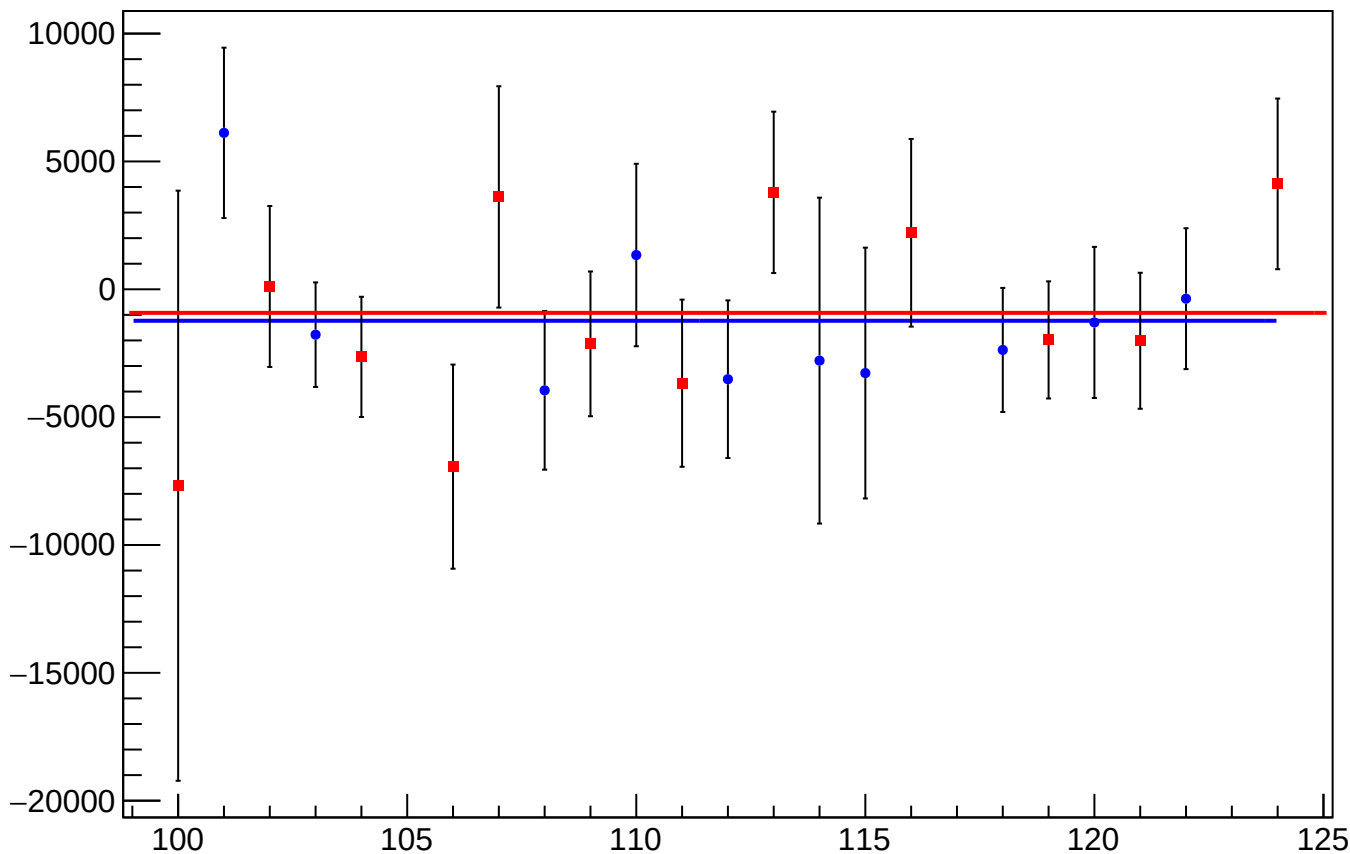
Right: 1186.287+/-0.454 χ^2/NDF : 10686885.1/21

In: 3824.214+/-1.365 χ^2/NDF : 314736.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1186.287+/-0.454 χ^2/NDF : 10686885.1/21

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1231.094+/-953.744 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -921.497+/-905.205 χ^2/NDF : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

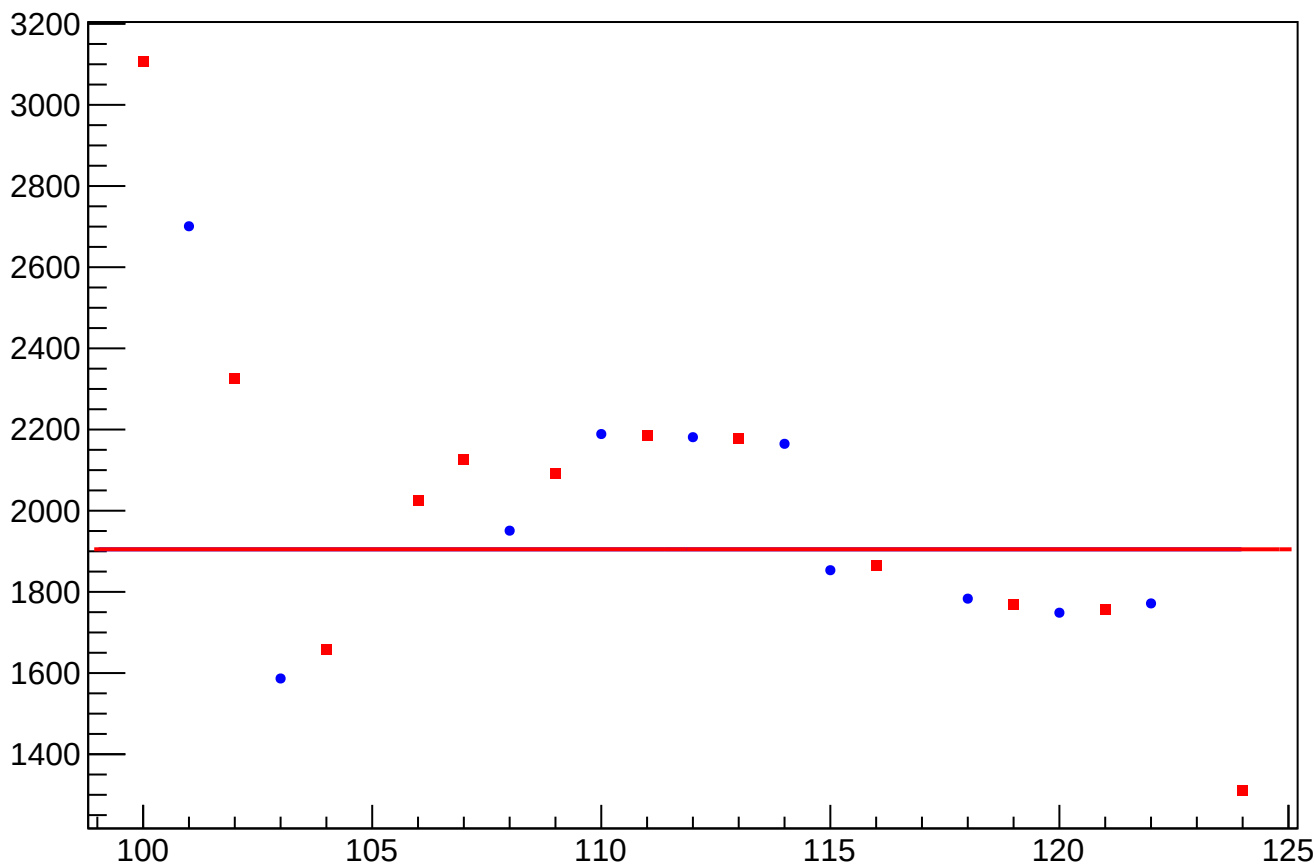
Right: -1068.217+/-656.566 χ^2/NDF : 18.3/21

In: -1231.094+/-953.744 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1068.217+/-656.566 χ^2/NDF : 18.3/21

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1904.800+/-0.674 χ^2/NDF : 210640.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1904.915+/-0.639 χ^2/NDF : 202294.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

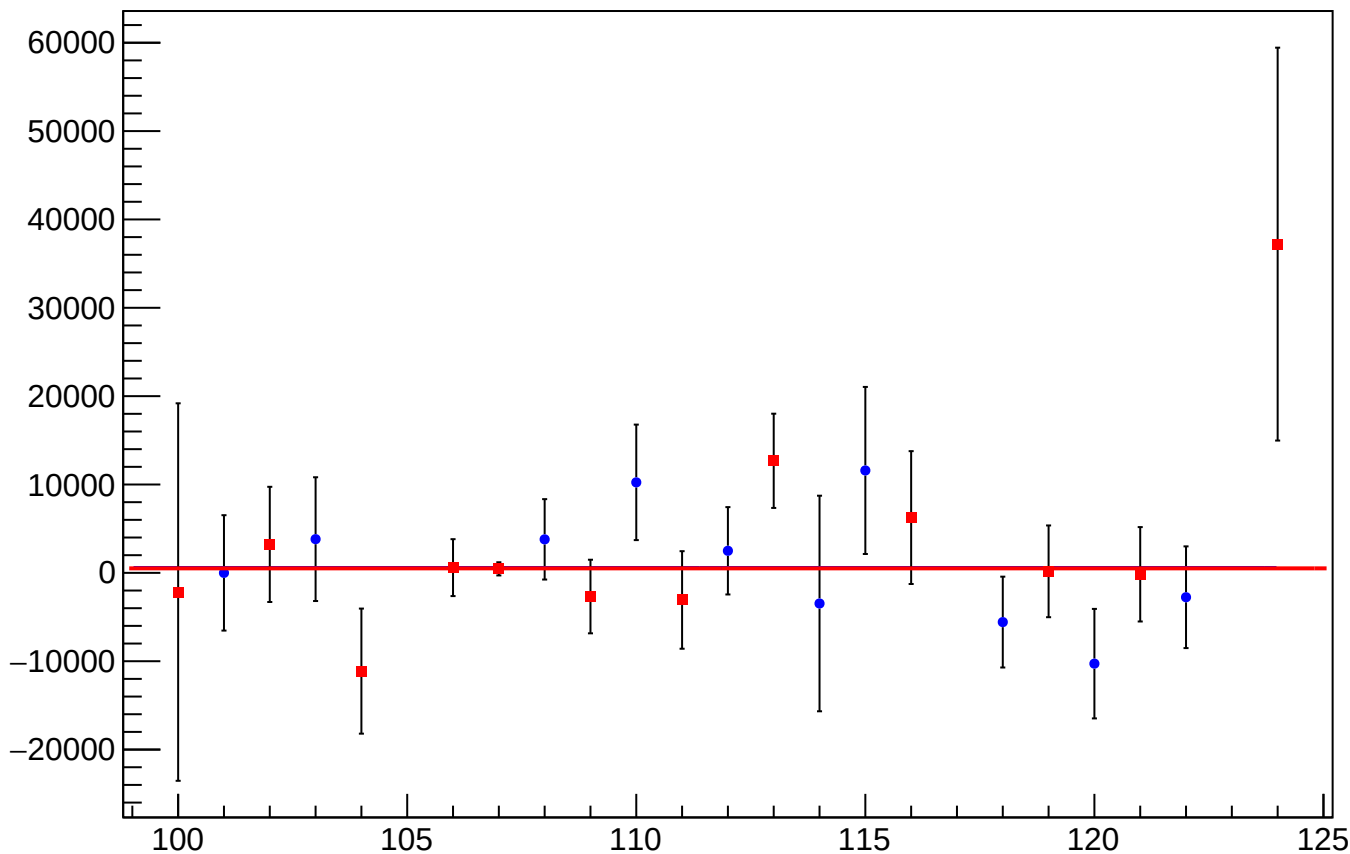
Right: 1904.861+/-0.464 χ^2/NDF : 412935.4/21

In: 1904.800+/-0.674 χ^2/NDF : 210640.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1904.861+/-0.464 χ^2/NDF : 412935.4/21

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 550.649+/-1930.112 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.842+/-680.762 χ^2/NDF : 12.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

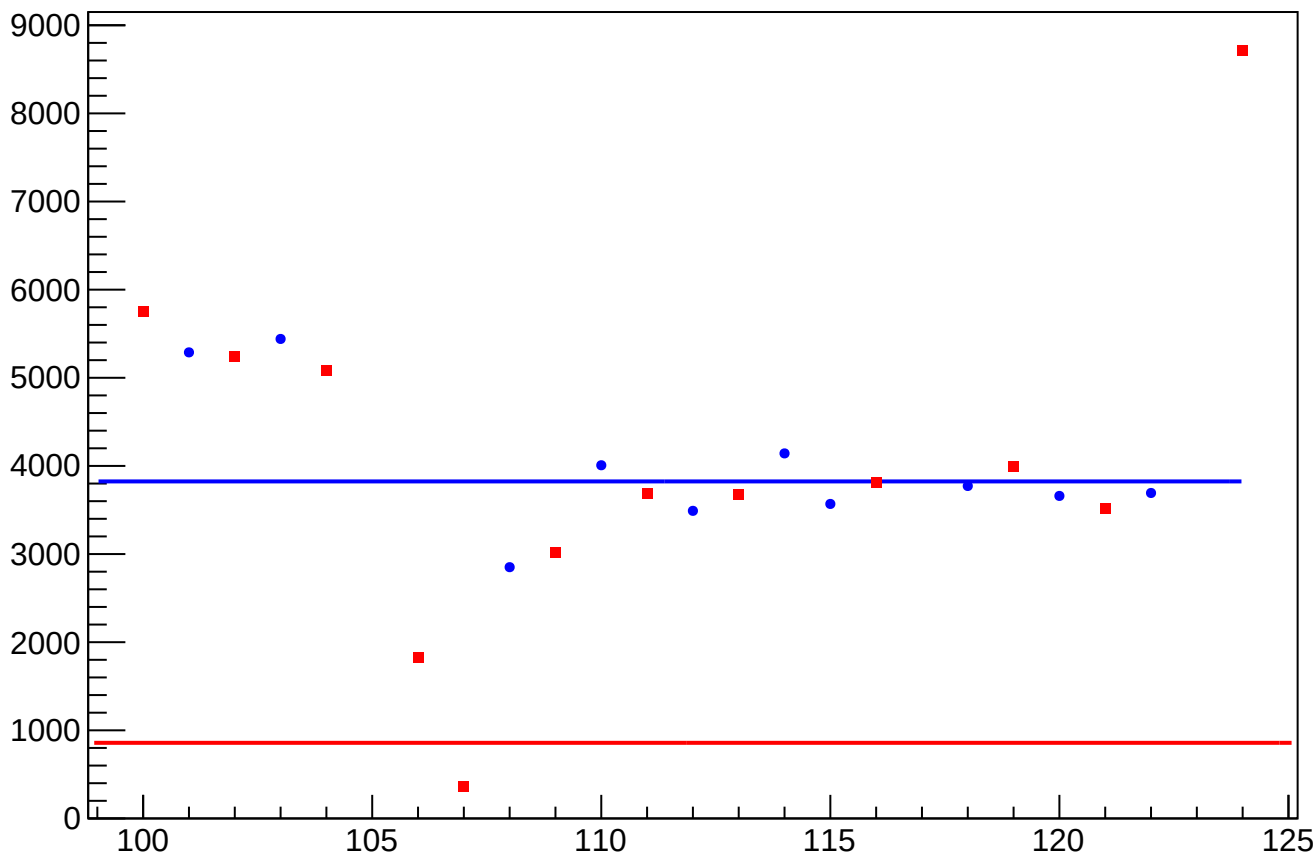
Right: 514.357+/-641.999 χ^2/NDF : 21.8/21

In: 550.649+/-1930.112 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.357+/-641.999 χ^2/NDF : 21.8/21

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3824.205+/-1.365 χ^2/NDF : 314736.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 858.164+/-0.481 χ^2/NDF : 6171511.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

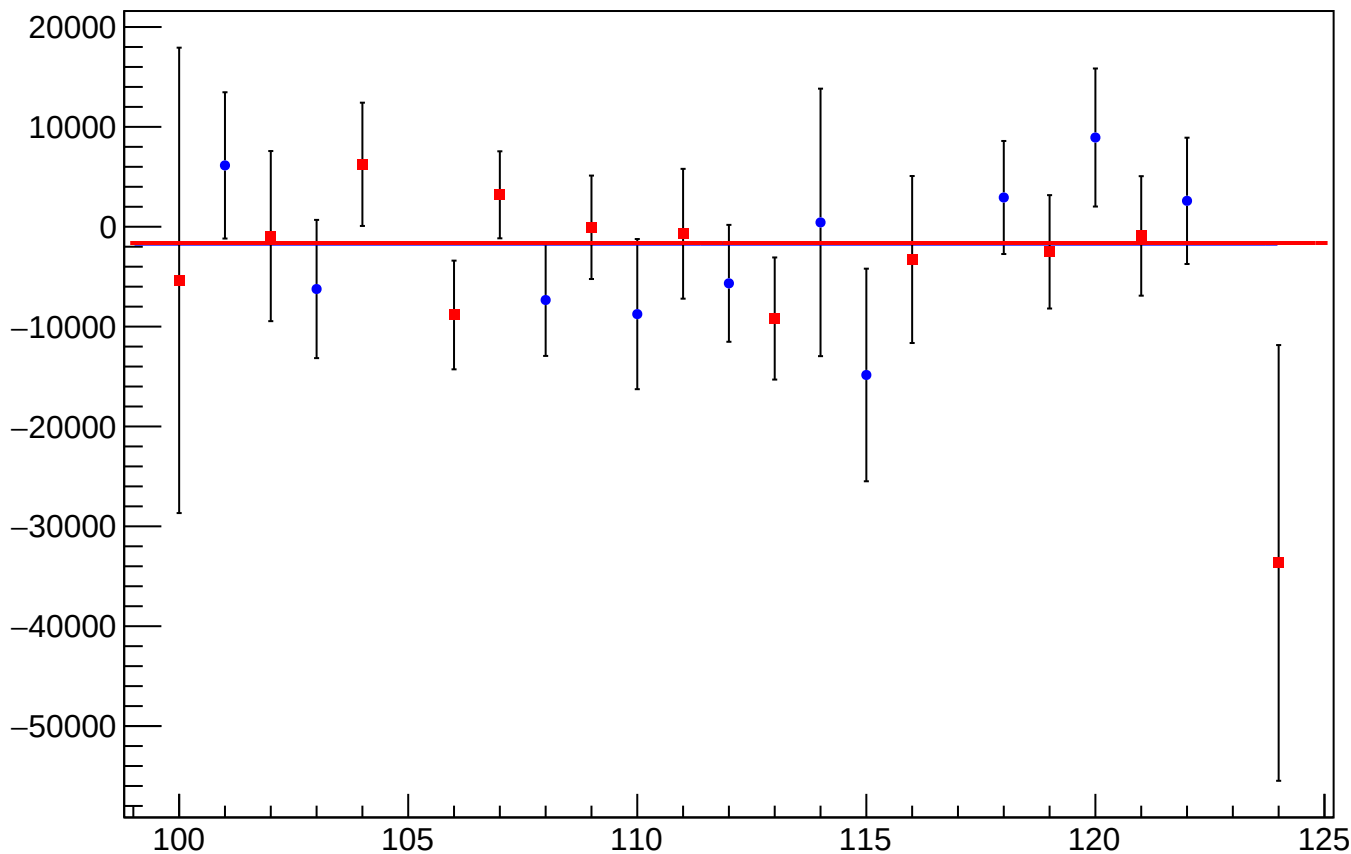
Right: 1186.320+/-0.454 χ^2/NDF : 10686718.8/21

In: 3824.205+/-1.365 χ^2/NDF : 314736.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1186.320+/-0.454 χ^2/NDF : 10686718.8/21

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1691.830+/-2182.948 χ^2 /NDF: 9.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1628.437+/-1852.557 χ^2 /NDF: 8.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

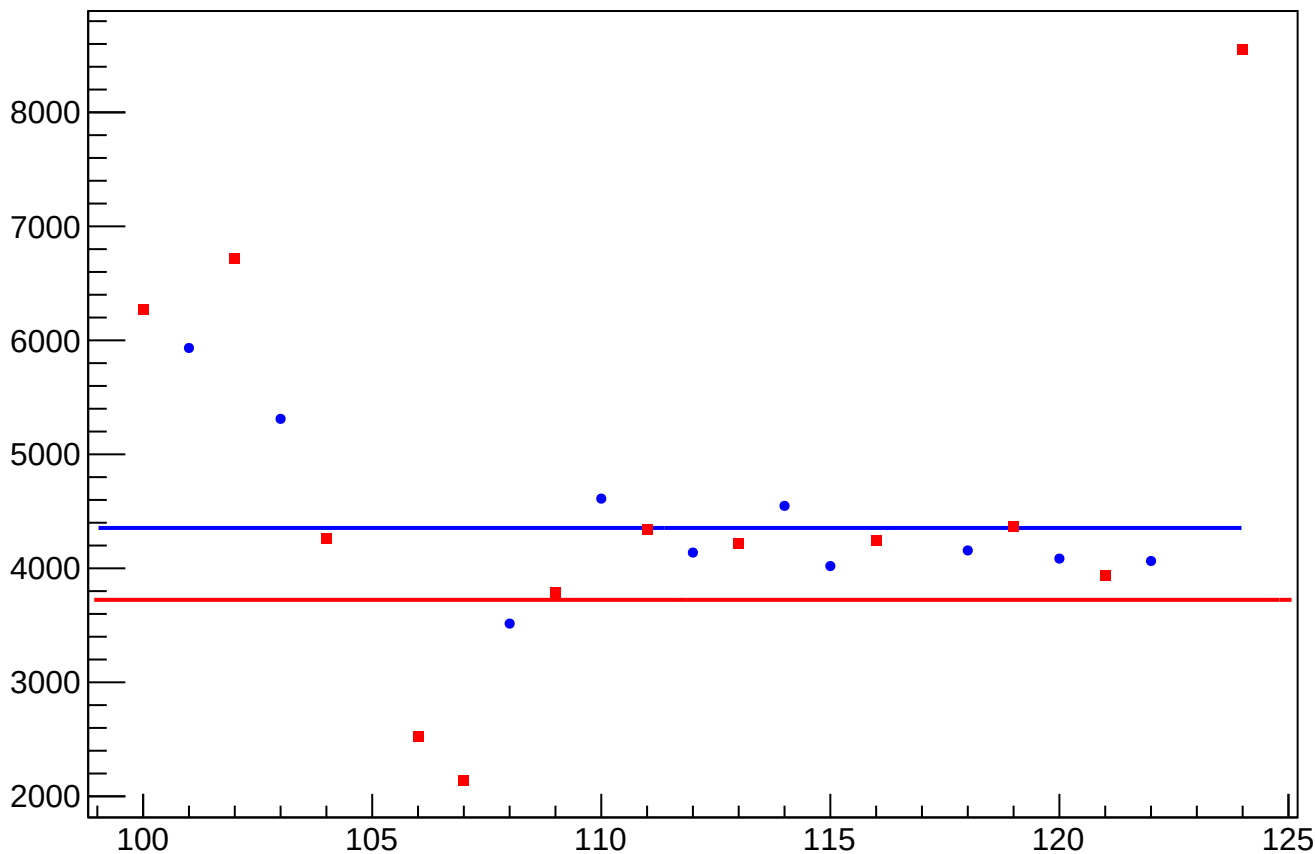
Right: -1654.978+/-1412.477 χ^2 /NDF: 17.5/21

In: -1691.830+/-2182.948 χ^2 /NDF:9.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1654.978+/-1412.477 χ^2 /NDF: 17.5/21

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4354.264+/-1.544 χ^2/NDF : 193187.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3723.715+/-1.291 χ^2/NDF : 837018.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

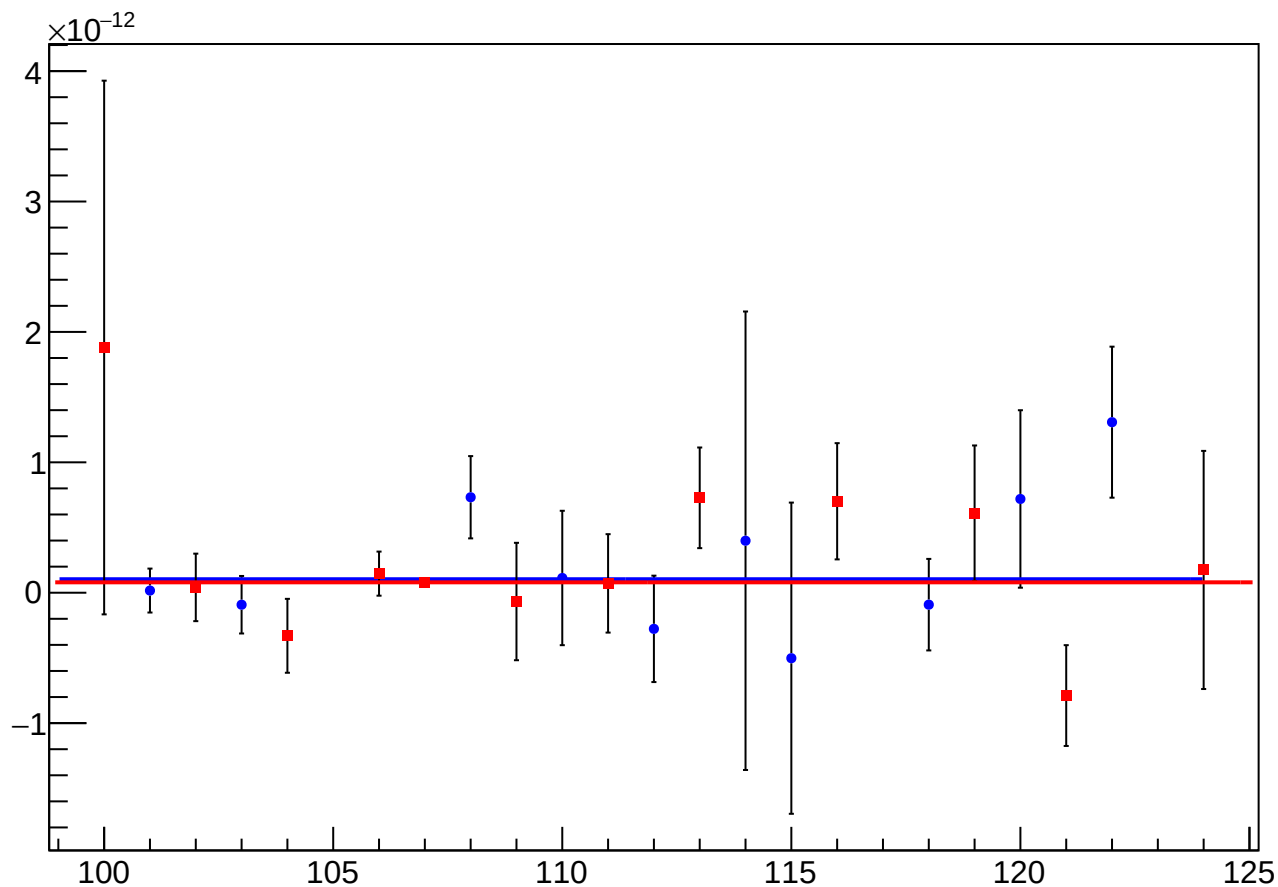
Right: 3983.352+/-0.990 χ^2/NDF : 1128365.5/21

In: 4354.264+/-1.544 χ^2/NDF : 193187.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3983.352+/-0.990 χ^2/NDF : 1128365.5/21

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

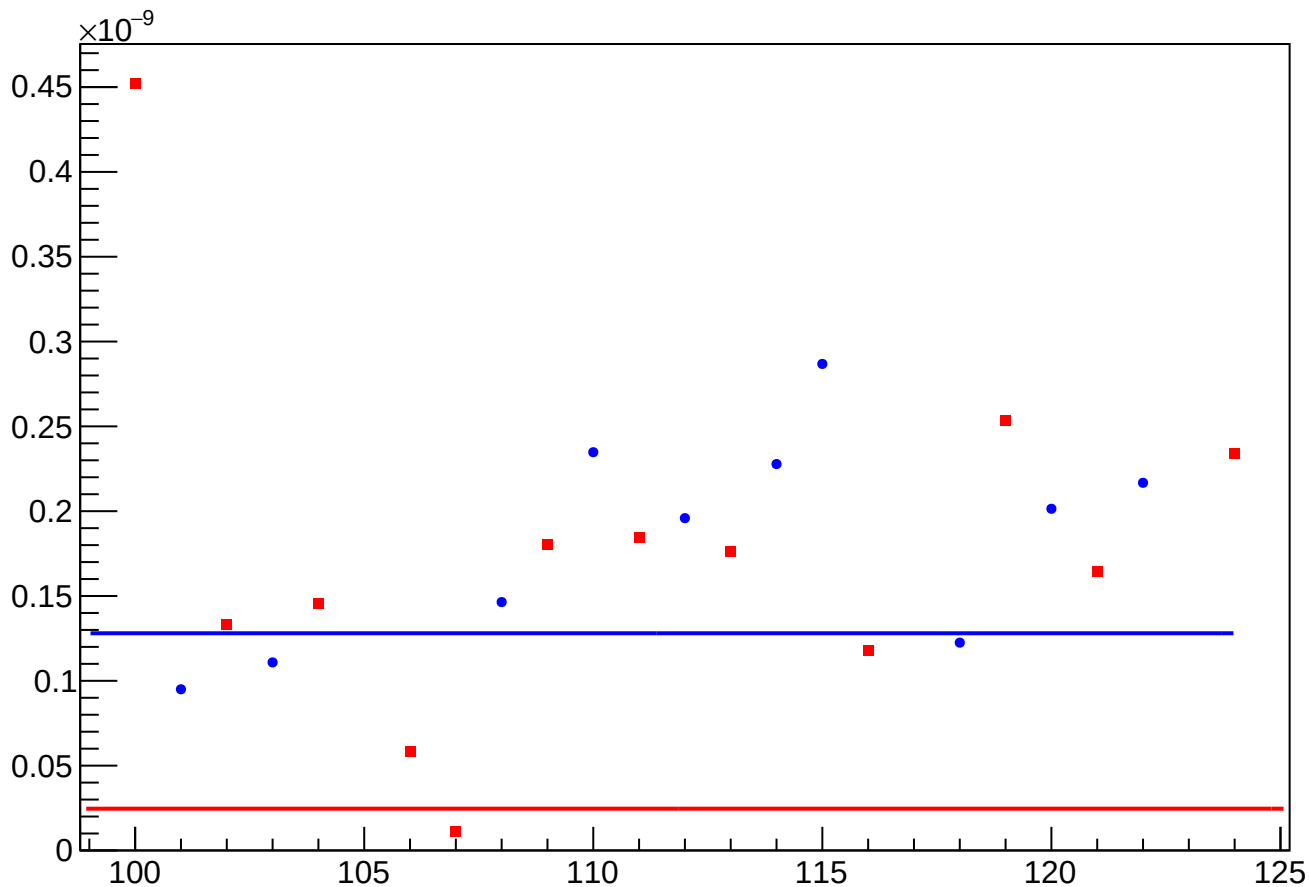
Right: 0.000+/-0.000 χ^2/NDF : 25.7/21

In: 0.000+/-0.000 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.7/21

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 349505.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2893201.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

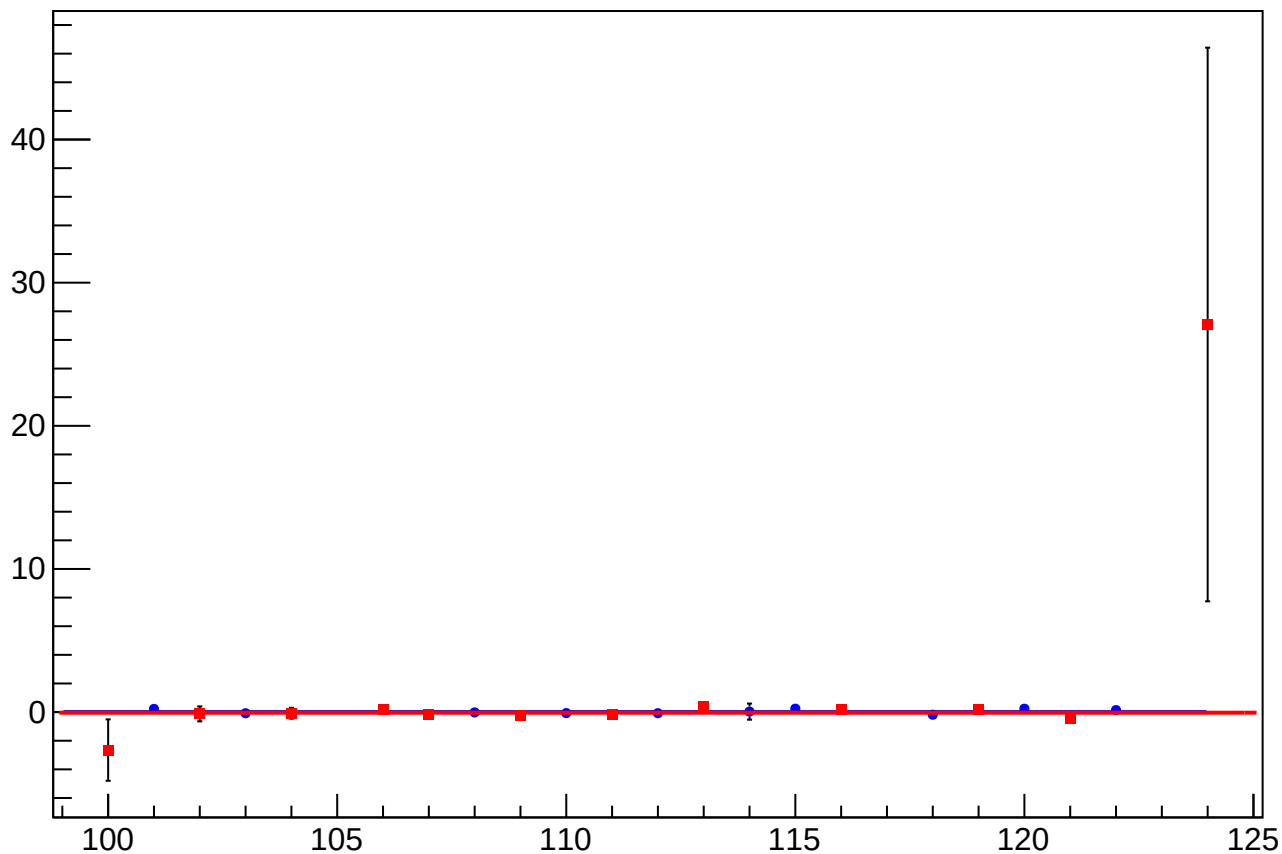
Right: 0.000+/-0.000 χ^2/NDF : 4977895.5/21

In: 0.000+/-0.000 χ^2/NDF : 349505.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4977895.5/21

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.079 χ^2/NDF : 3.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.041 ± 0.075 χ^2/NDF : 14.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

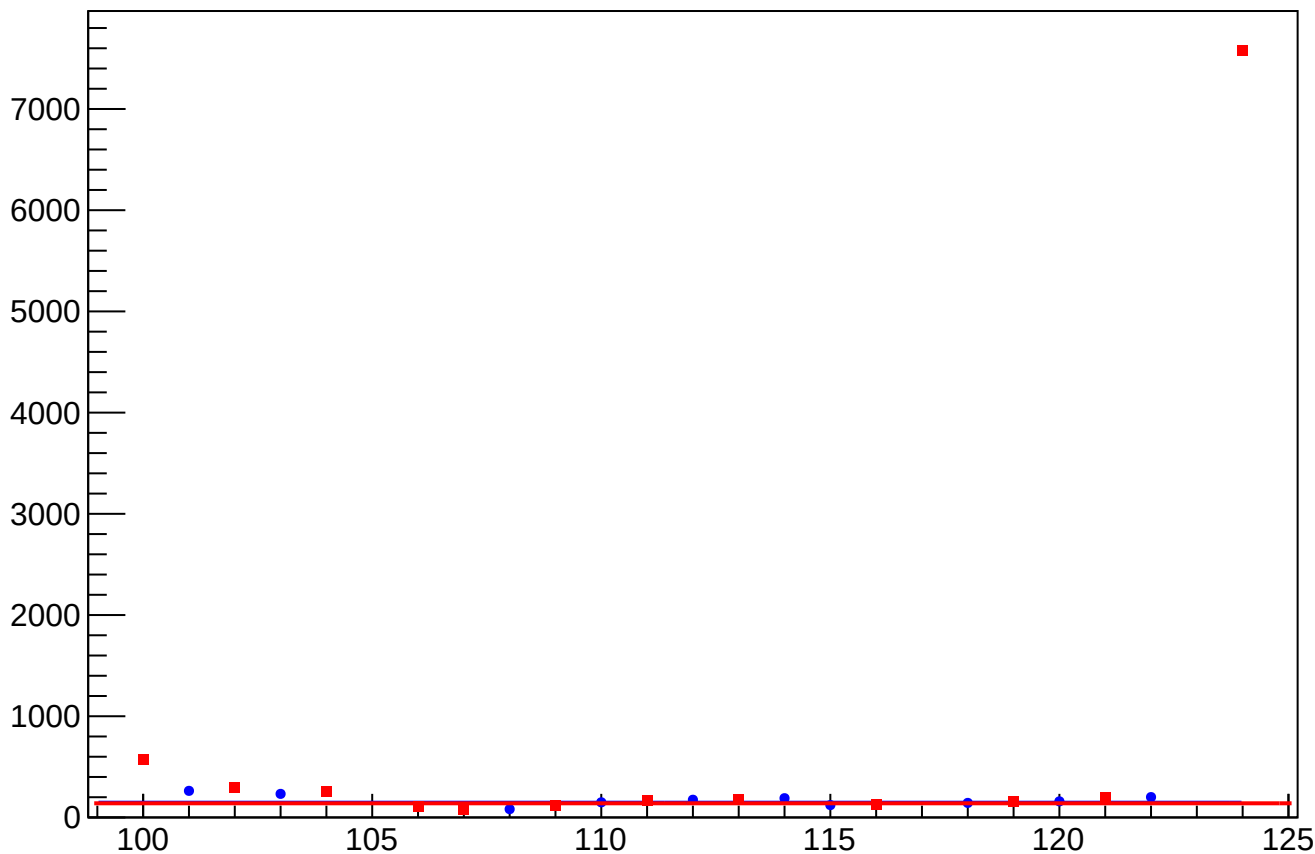
Right: -0.022 ± 0.054 χ^2/NDF : 17.2/21

In: -0.001 ± 0.079 χ^2/NDF : 3.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.054 χ^2/NDF : 17.2/21

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.778+/-0.056 χ^2/NDF : 909264.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.853+/-0.053 χ^2/NDF : 1176611.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

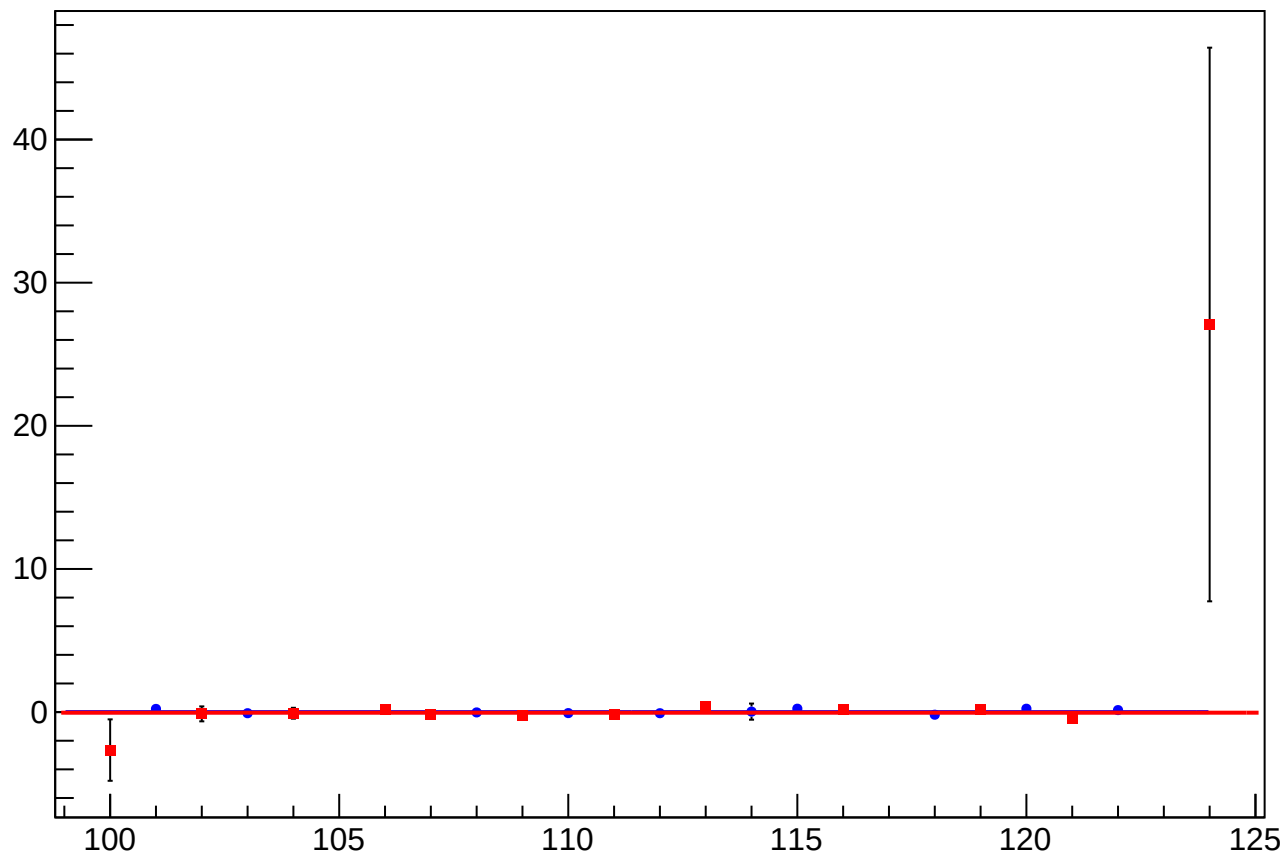
Right: 142.692+/-0.039 χ^2/NDF : 2091778.1/21

In: 145.778+/-0.056 χ^2/NDF : 909264.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.692+/-0.039 χ^2/NDF : 2091778.1/21

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.079 χ^2 /NDF: 3.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.041 $\pm$ 0.075 χ^2 /NDF: 14.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

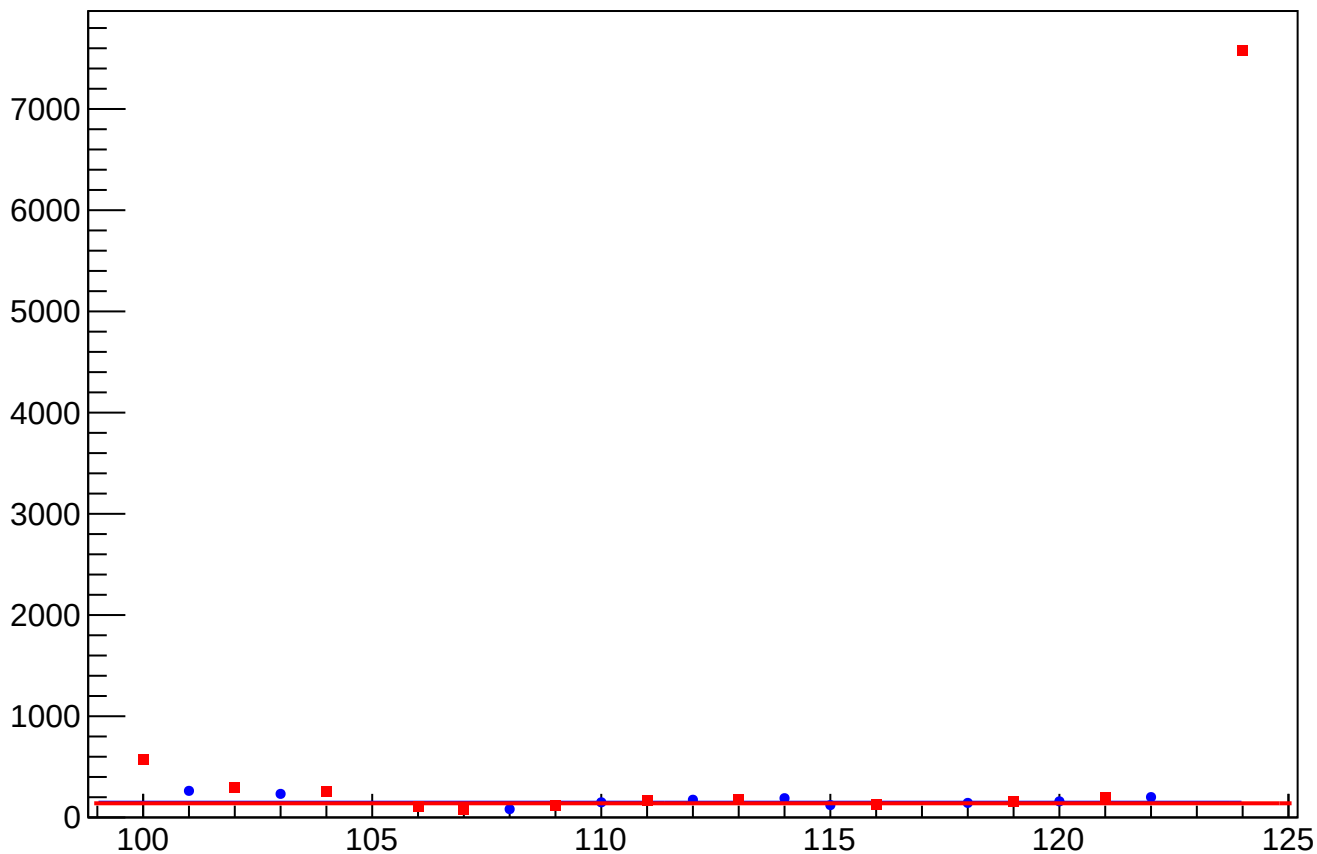
Right: -0.022 $\pm$ 0.054 χ^2 /NDF: 17.2/21

In: -0.001 $\pm$ 0.079 χ^2 /NDF:3.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.054 χ^2 /NDF: 17.2/21

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.778+/-0.056 χ^2/NDF : 909264.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.853+/-0.053 χ^2/NDF : 1176611.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

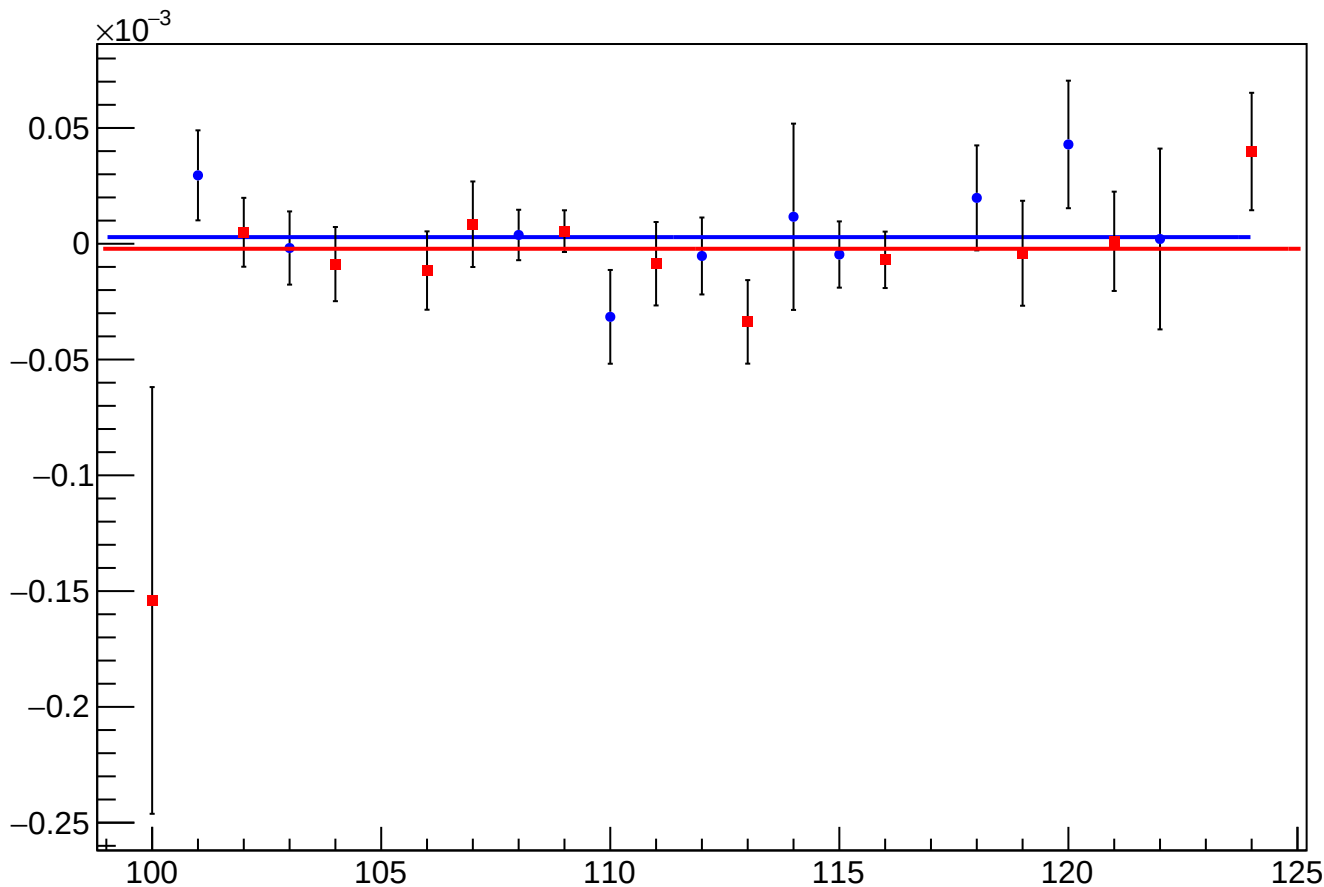
Right: 142.692+/-0.039 χ^2/NDF : 2091778.1/21

In: 145.778+/-0.056 χ^2/NDF : 909264.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.692+/-0.039 χ^2/NDF : 2091778.1/21

asym_atl1r2_dd_eigen_dit_vs_dit_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 : 10.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

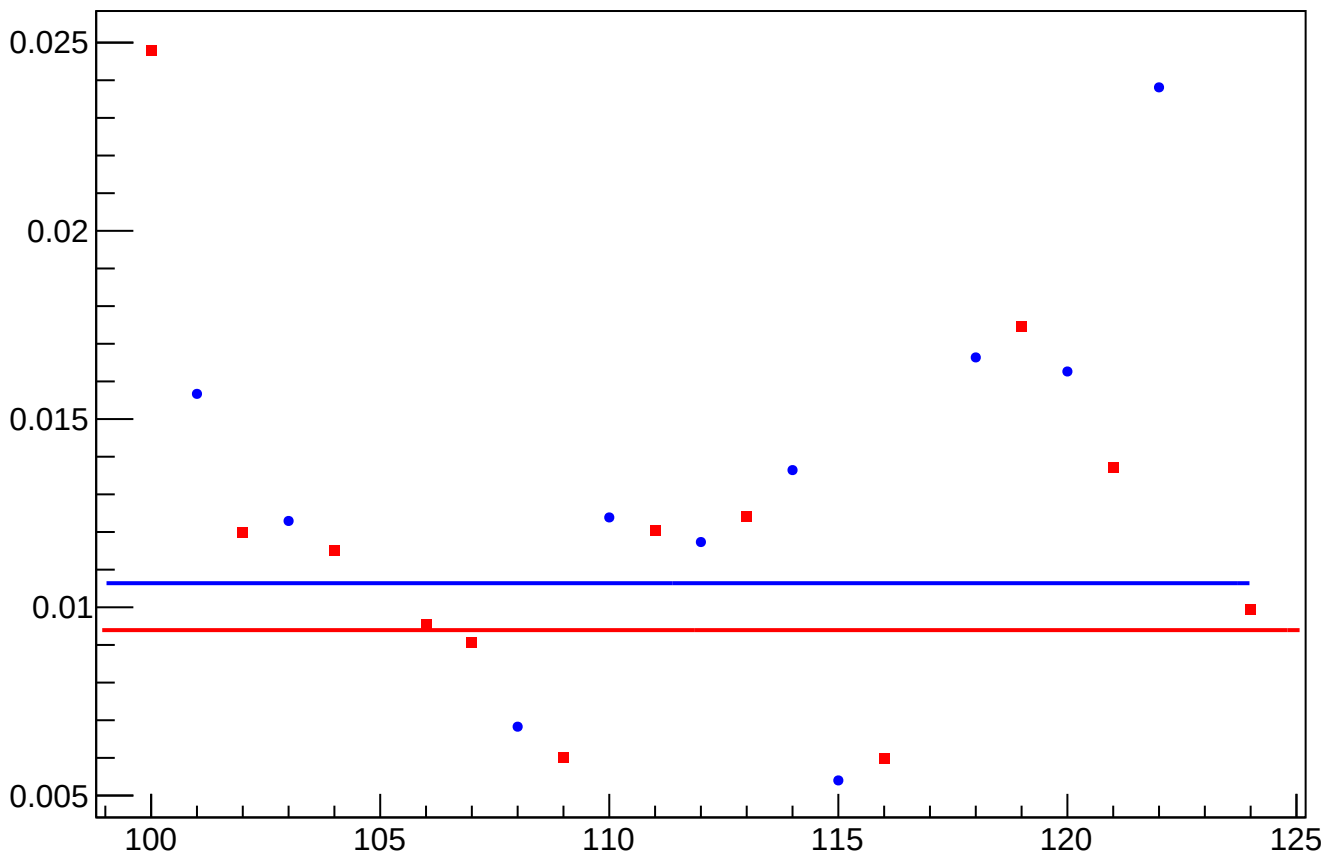
Right: -0.000+/-0.000 χ^2/NDF : 19.2/21

In: 0.000+/-0.000 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.2/21

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 1154723.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 1026340.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

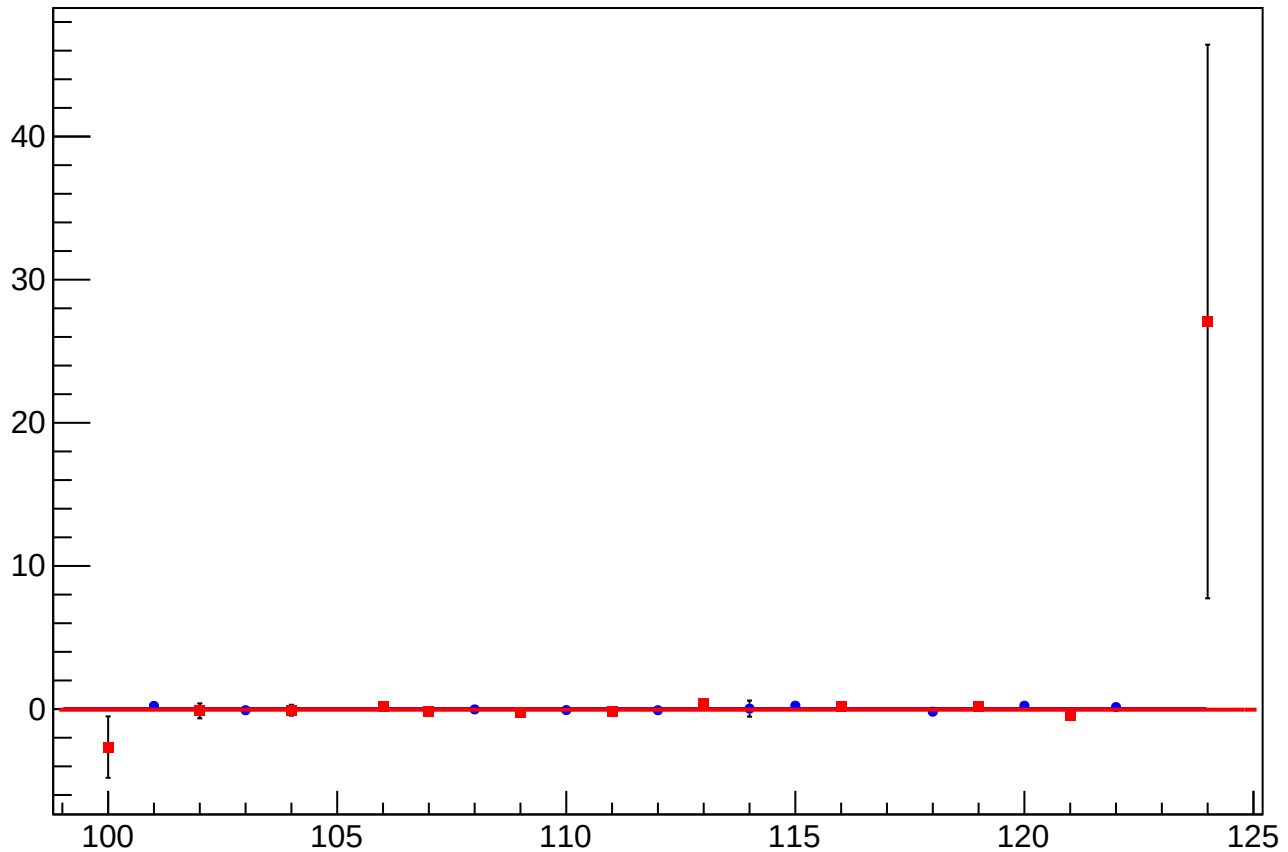
Right: 0.010+/-0.000 χ^2/NDF : 2238064.8/21

In: 0.011+/-0.000 χ^2/NDF : 1154723.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 2238064.8/21

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001+/-0.079 χ^2/NDF : 3.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.041+/-0.075 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

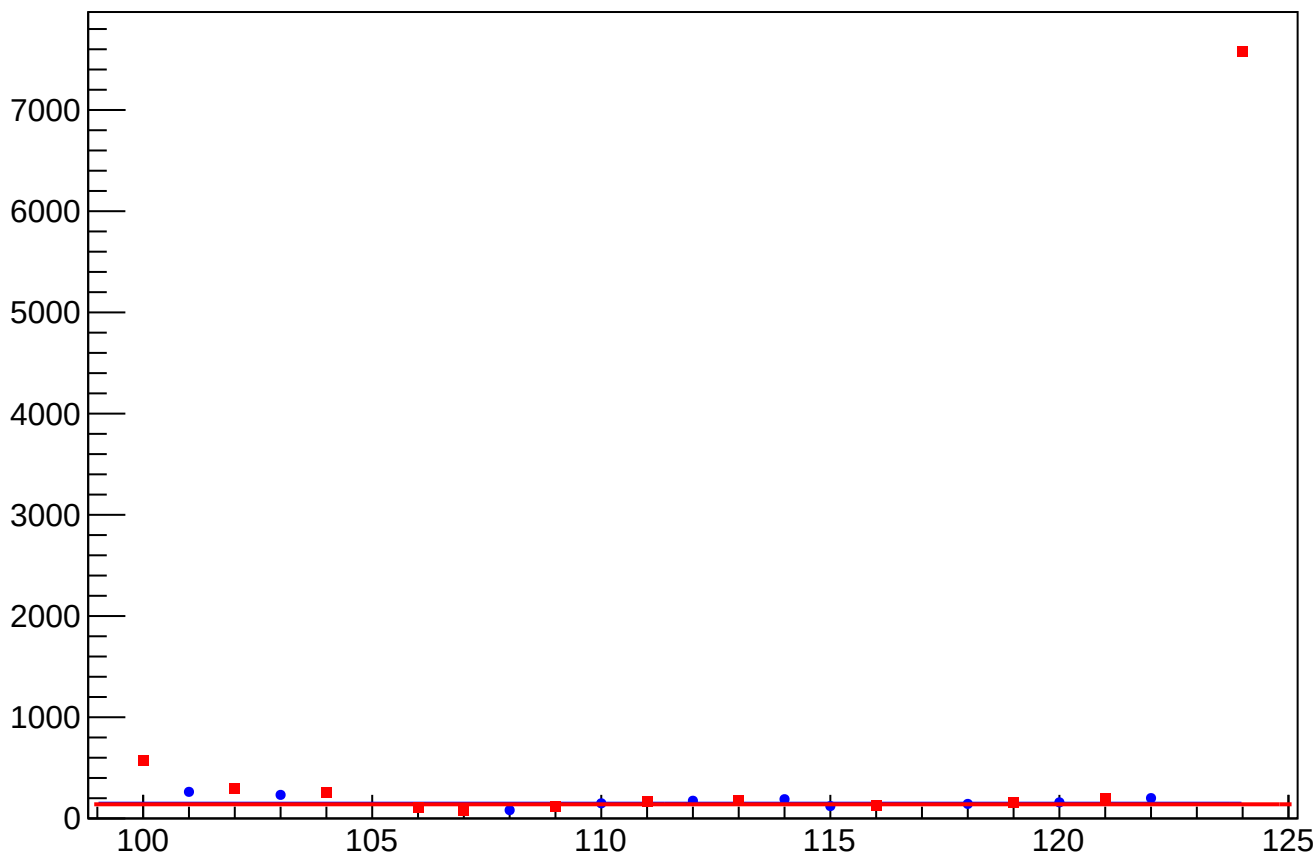
Right: -0.022+/-0.054 χ^2/NDF : 17.2/21

In: -0.001+/-0.079 χ^2/NDF : 3.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.054 χ^2/NDF : 17.2/21

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.778+/-0.056 χ^2/NDF : 909270.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.853+/-0.053 χ^2/NDF : 1176638.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

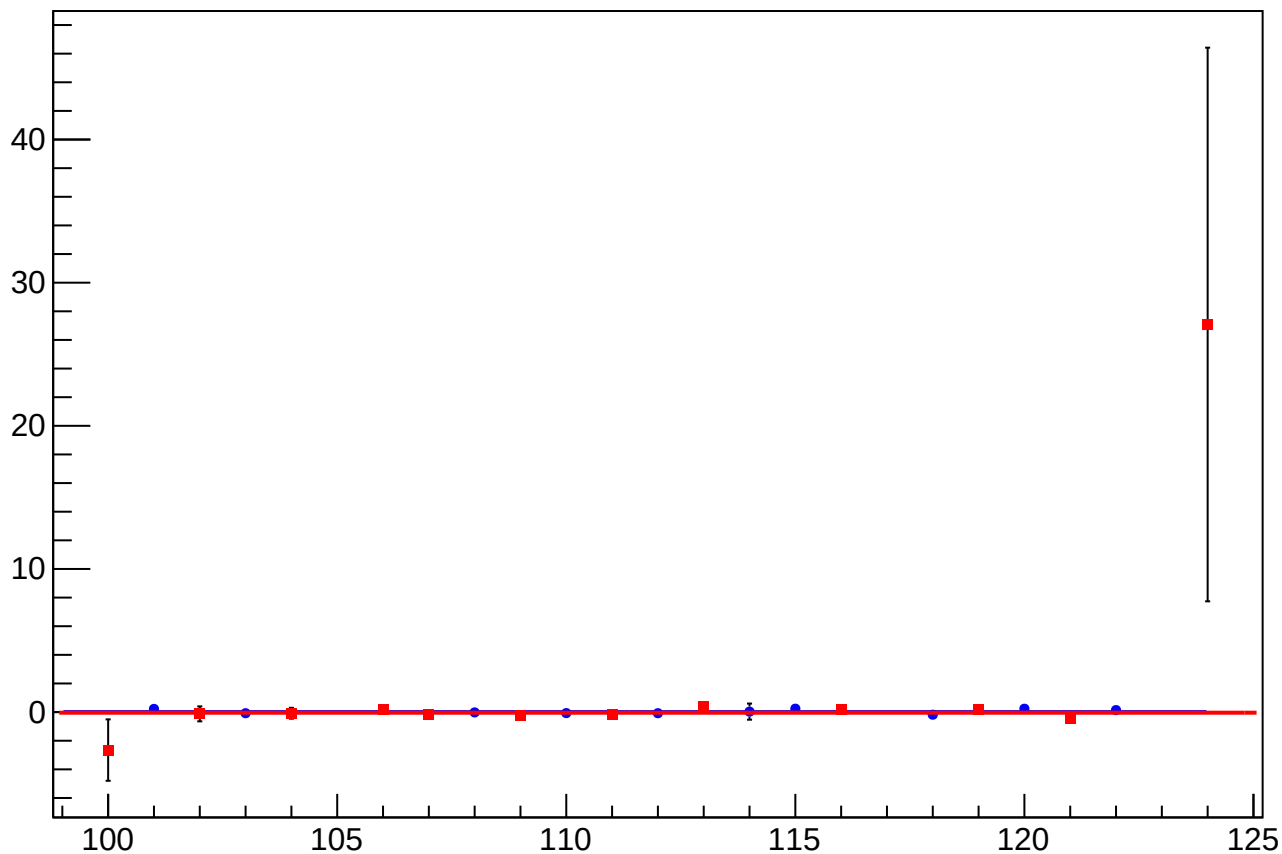
Right: 142.692+/-0.039 χ^2/NDF : 2091810.6/21

In: 145.778+/-0.056 χ^2/NDF : 909270.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.692+/-0.039 χ^2/NDF : 2091810.6/21

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.079 χ^2/NDF : 3.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.041 ± 0.075 χ^2/NDF : 14.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

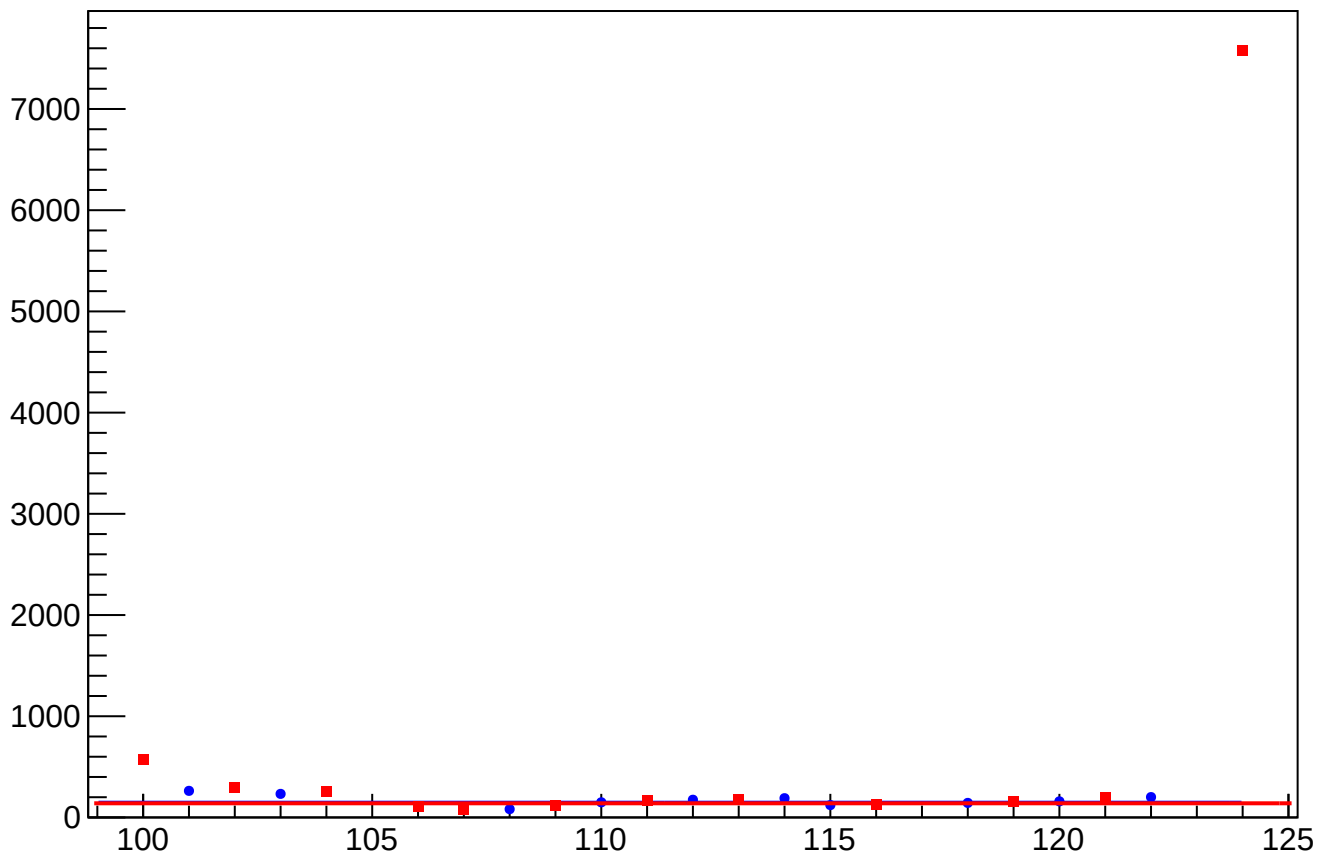
Right: -0.022 ± 0.054 χ^2/NDF : 17.2/21

In: -0.001 ± 0.079 χ^2/NDF : 3.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.054 χ^2/NDF : 17.2/21

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.778+/-0.056 χ^2/NDF : 909270.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.853+/-0.053 χ^2/NDF : 1176638.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

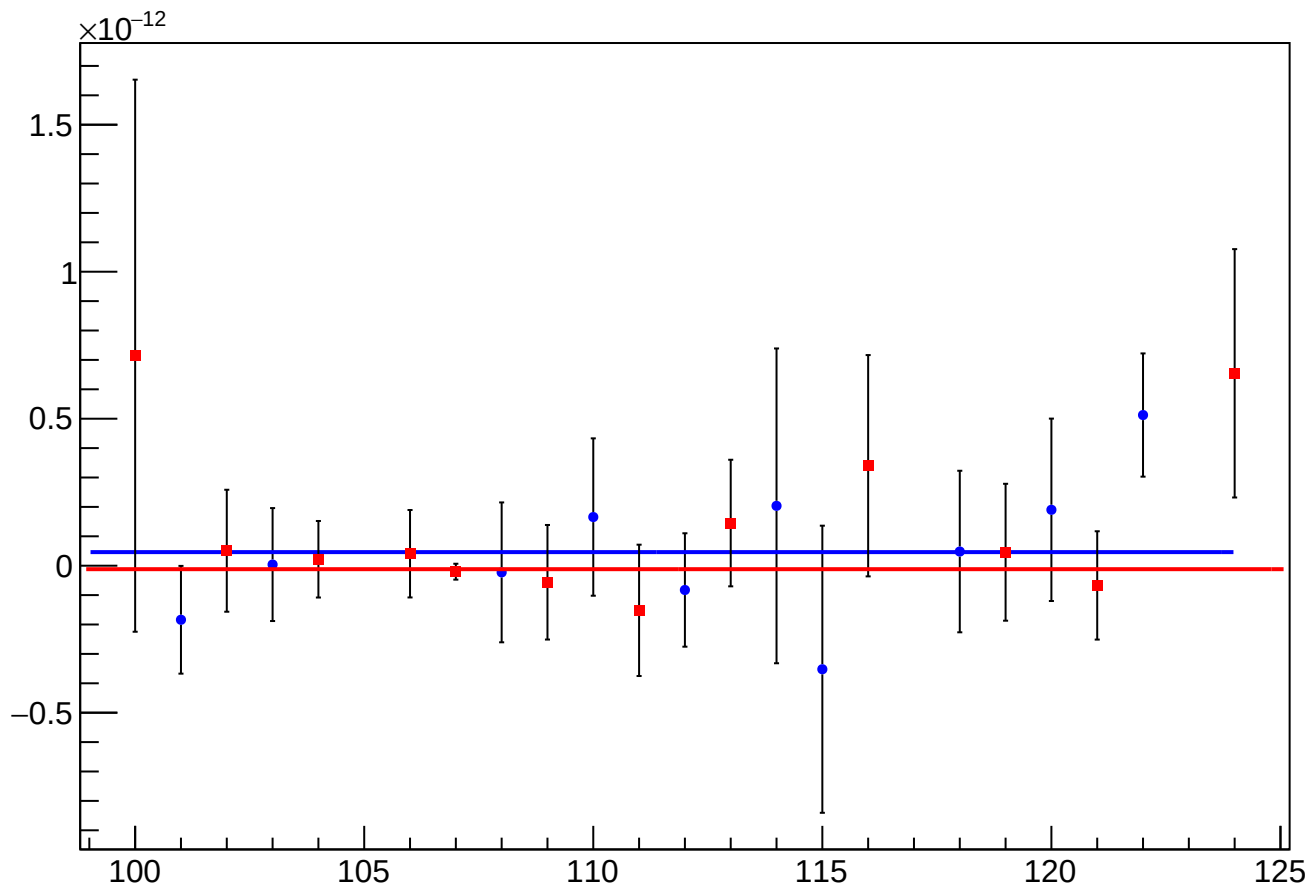
Right: 142.692+/-0.039 χ^2/NDF : 2091810.6/21

In: 145.778+/-0.056 χ^2/NDF : 909270.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.692+/-0.039 χ^2/NDF : 2091810.6/21

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

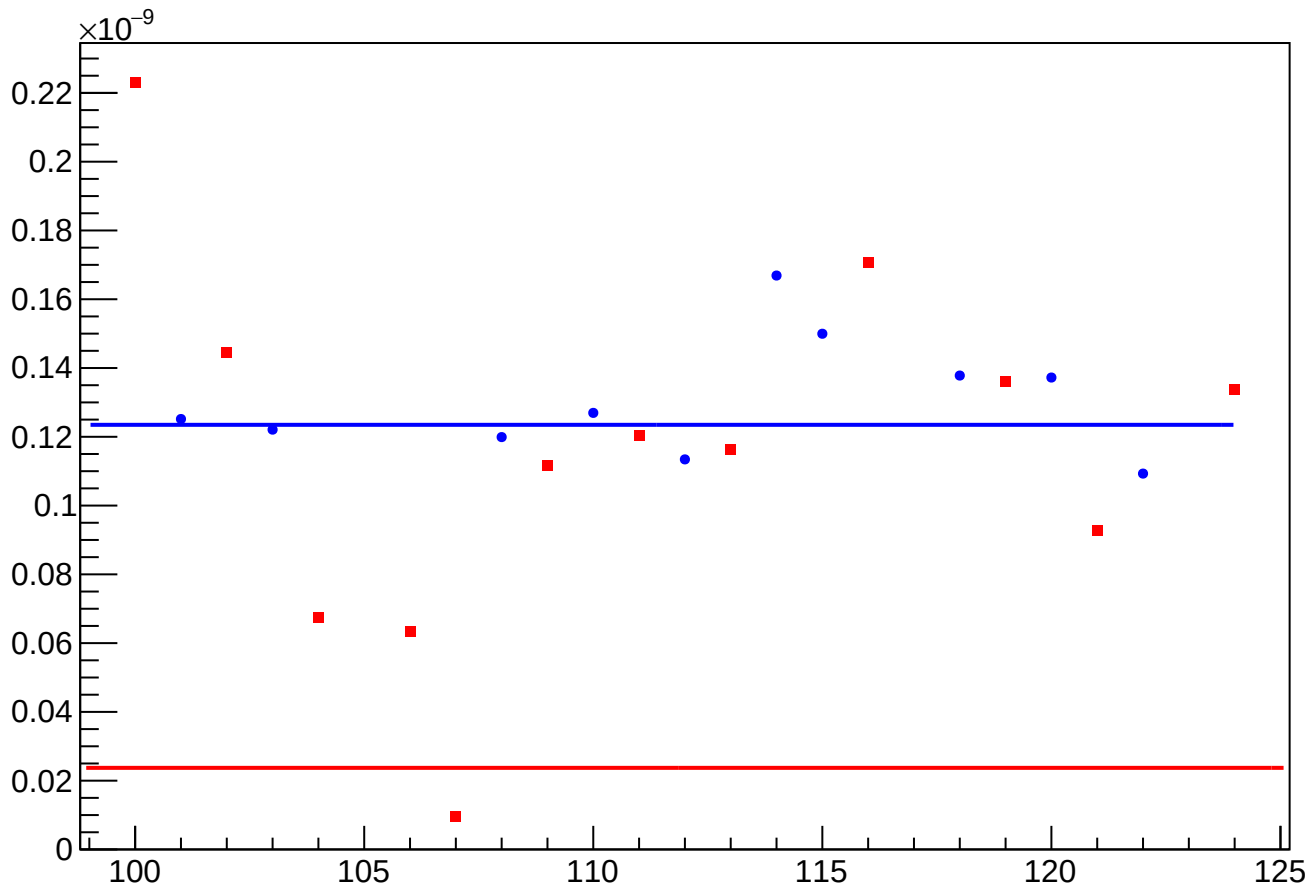
Right: -0.000+/-0.000 χ^2/NDF : 14.3/21

In: 0.000+/-0.000 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.3/21

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 44049.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4025218.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

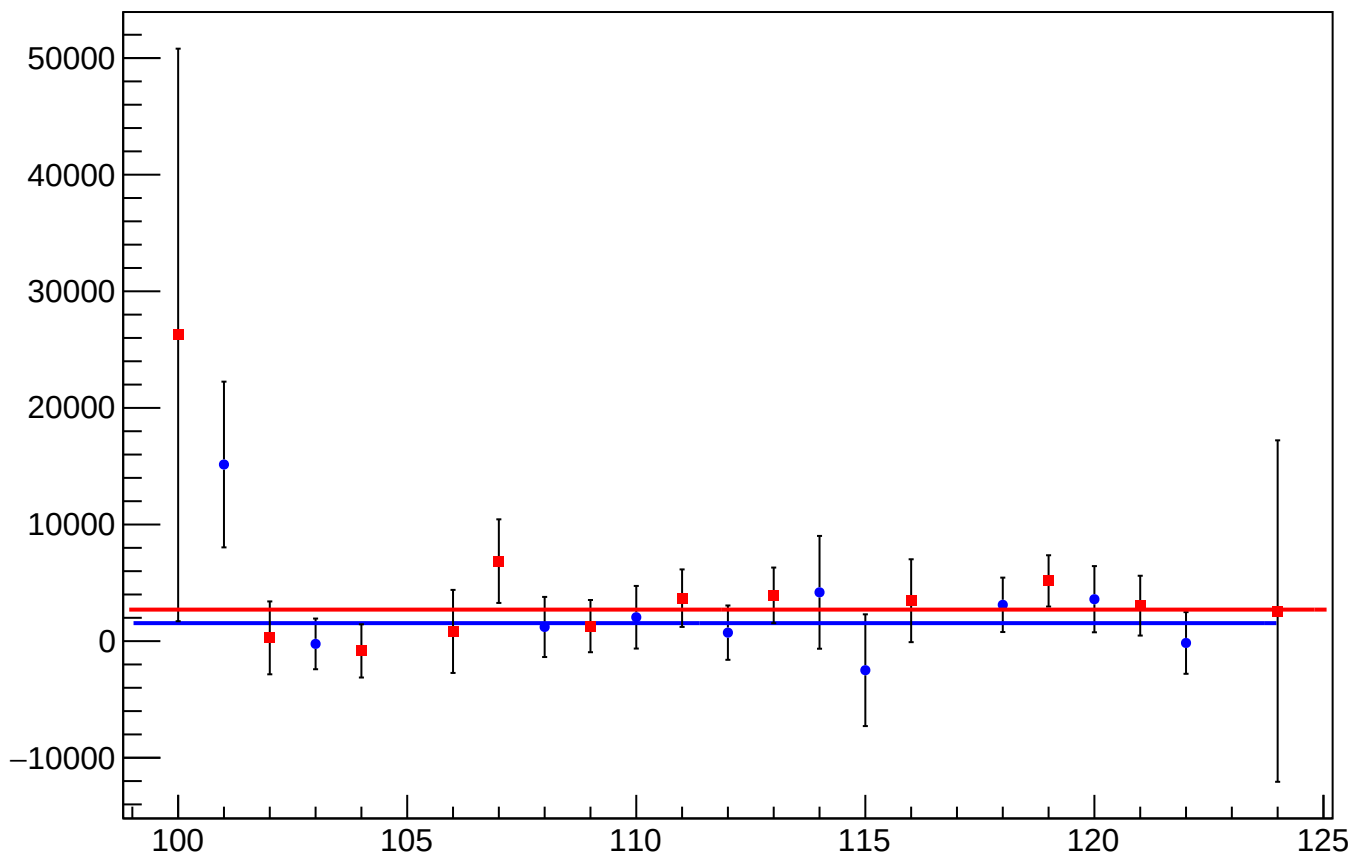
Right: 0.000+/-0.000 χ^2/NDF : 7123616.1/21

In: 0.000+/-0.000 χ^2/NDF : 44049.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7123616.1/21

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1543.952+/-897.167 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2703.966+/-834.834 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

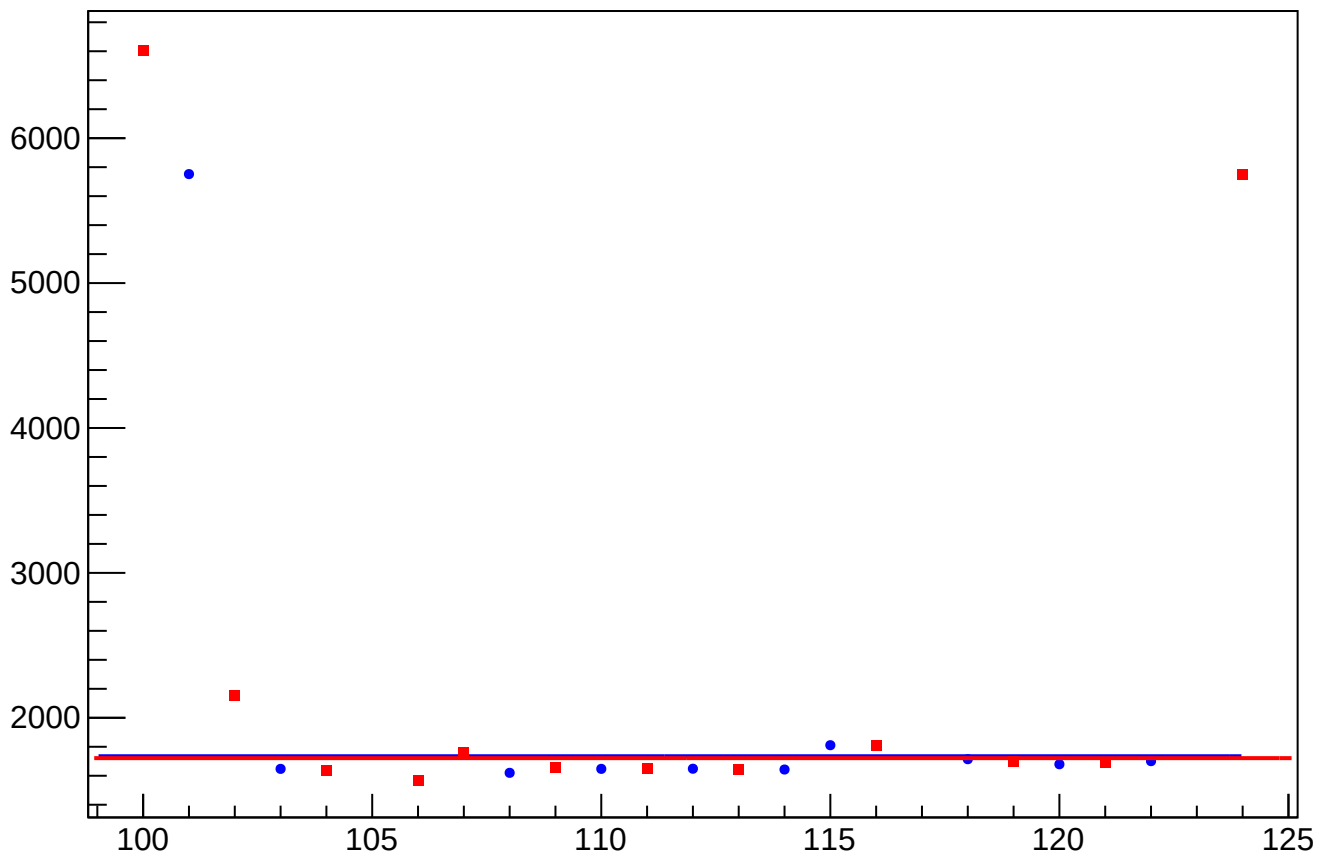
Right: 2165.653+/-611.166 χ^2/NDF : 15.5/21

In: 1543.952+/-897.167 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2165.653+/-611.166 χ^2/NDF : 15.5/21

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1734.562+/-0.634 χ^2/NDF : 653806.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1721.508+/-0.583 χ^2/NDF : 284340.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

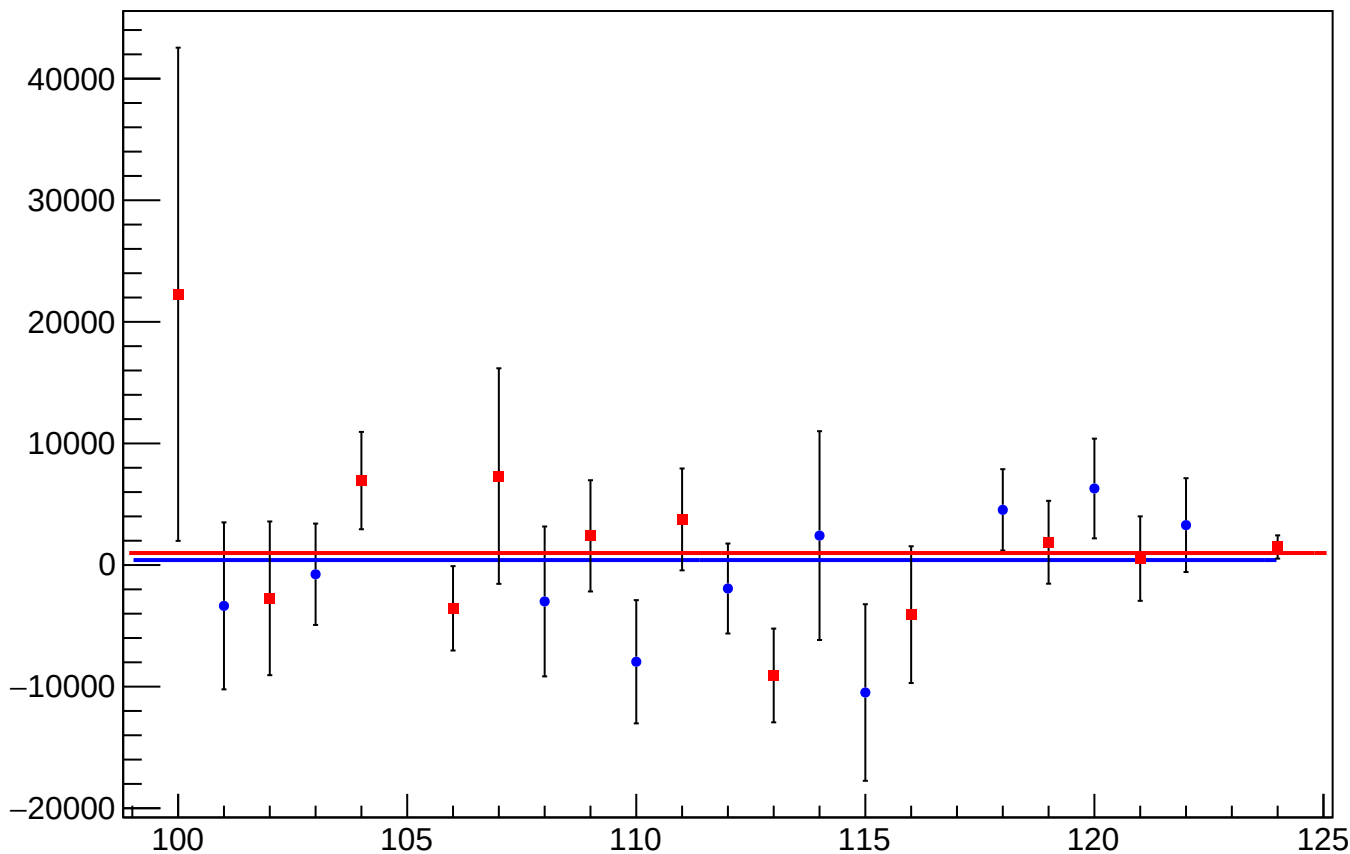
Right: 1727.489+/-0.429 χ^2/NDF : 938377.2/21

In: 1734.562+/-0.634 χ^2/NDF : 653806.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1727.489+/-0.429 χ^2/NDF : 938377.2/21

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 409.522+/-1465.421 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.583+/-778.522 χ^2/NDF : 14.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

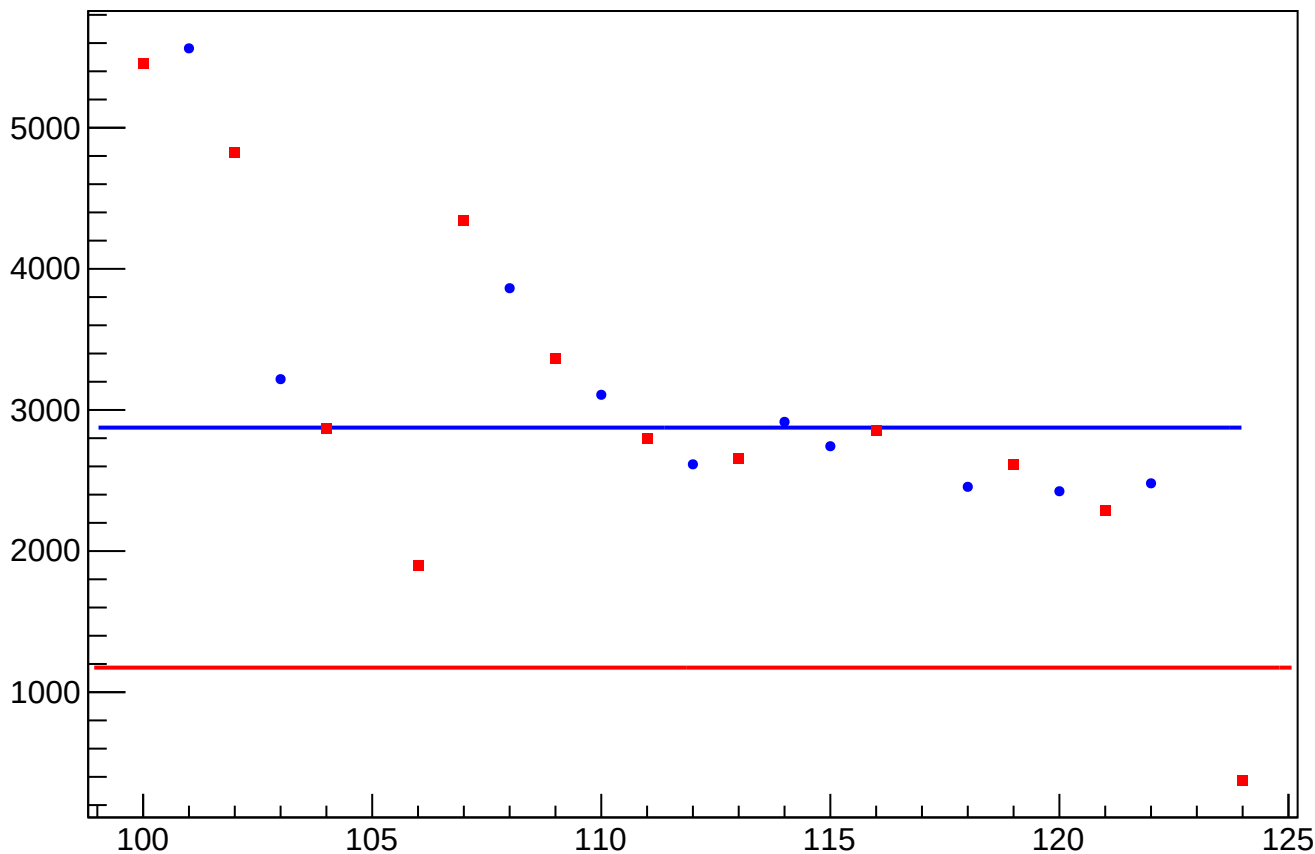
Right: 861.123+/-687.522 χ^2/NDF : 24.8/21

In: 409.522+/-1465.421 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 861.123+/-687.522 χ^2/NDF : 24.8/21

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2875.011+/-1.036 χ^2/NDF : 462729.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1174.106+/-0.550 χ^2/NDF : 4658291.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

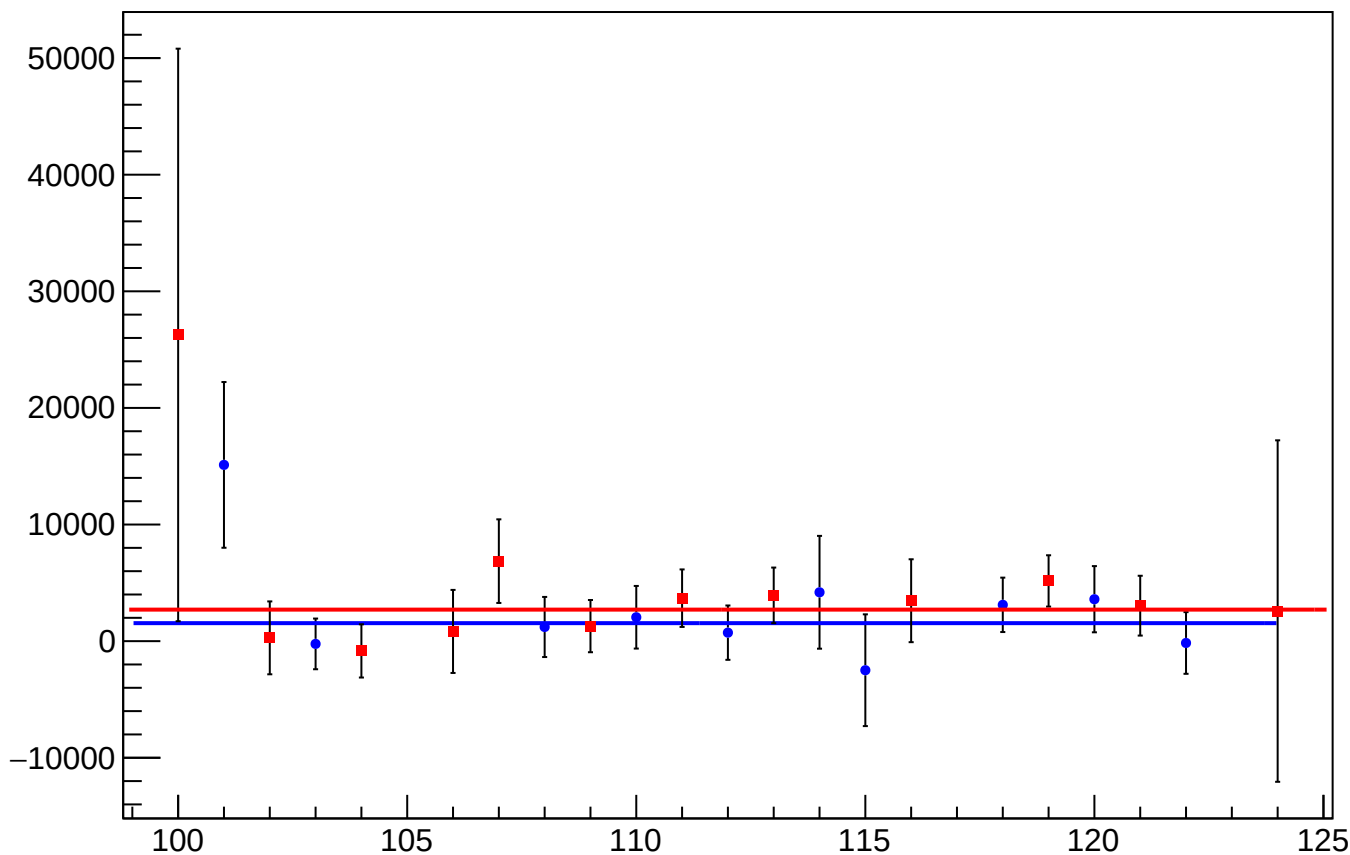
Right: 1548.499+/-0.486 χ^2/NDF : 7222360.8/21

In: 2875.011+/-1.036 χ^2/NDF : 462729.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.499+/-0.486 χ^2/NDF : 7222360.8/21

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1543.522+/-897.167 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2704.070+/-834.834 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

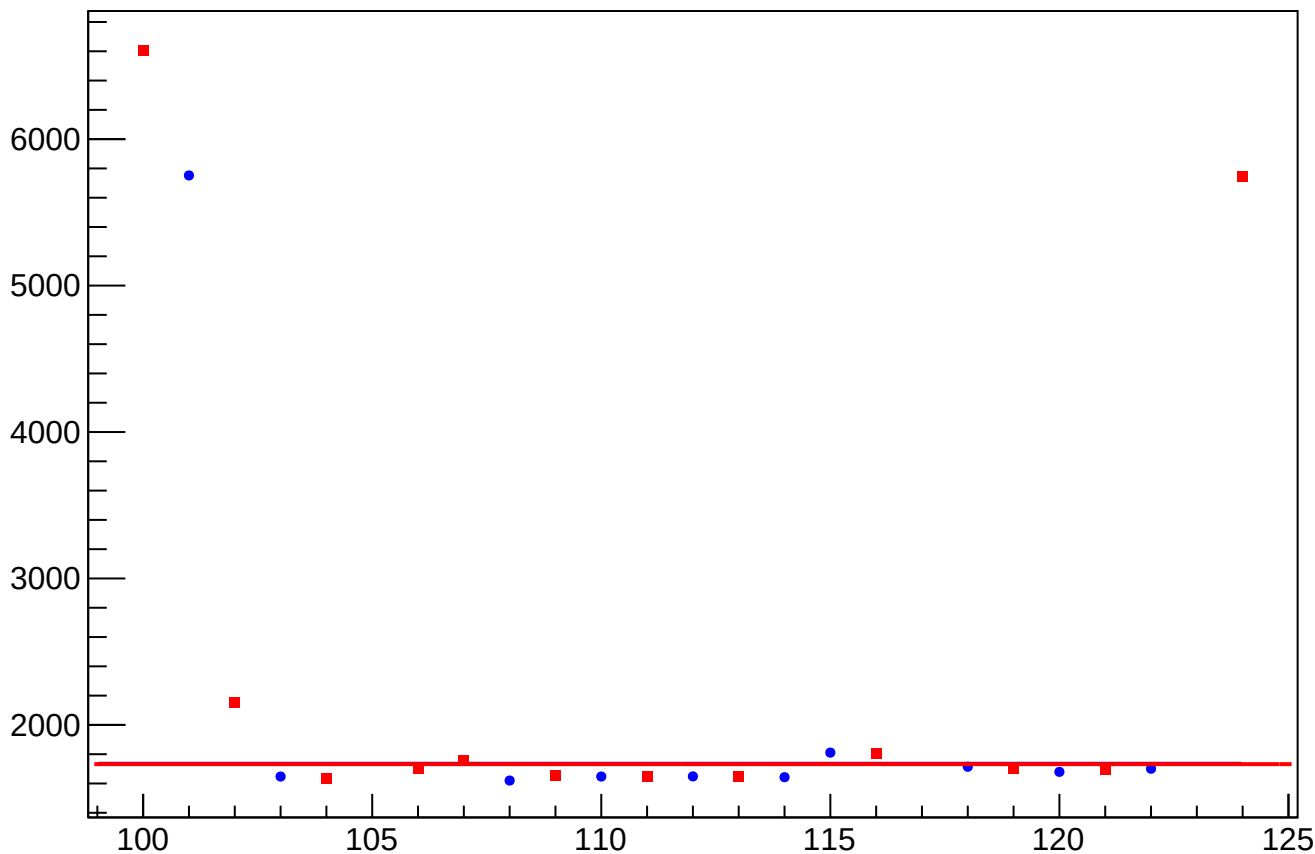
Right: 2165.509+/-611.166 χ^2/NDF : 15.5/21

In: 1543.522+/-897.167 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2165.509+/-611.166 χ^2/NDF : 15.5/21

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1734.562+/-0.634 χ^2/NDF : 653807.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1732.126+/-0.587 χ^2/NDF : 278706.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

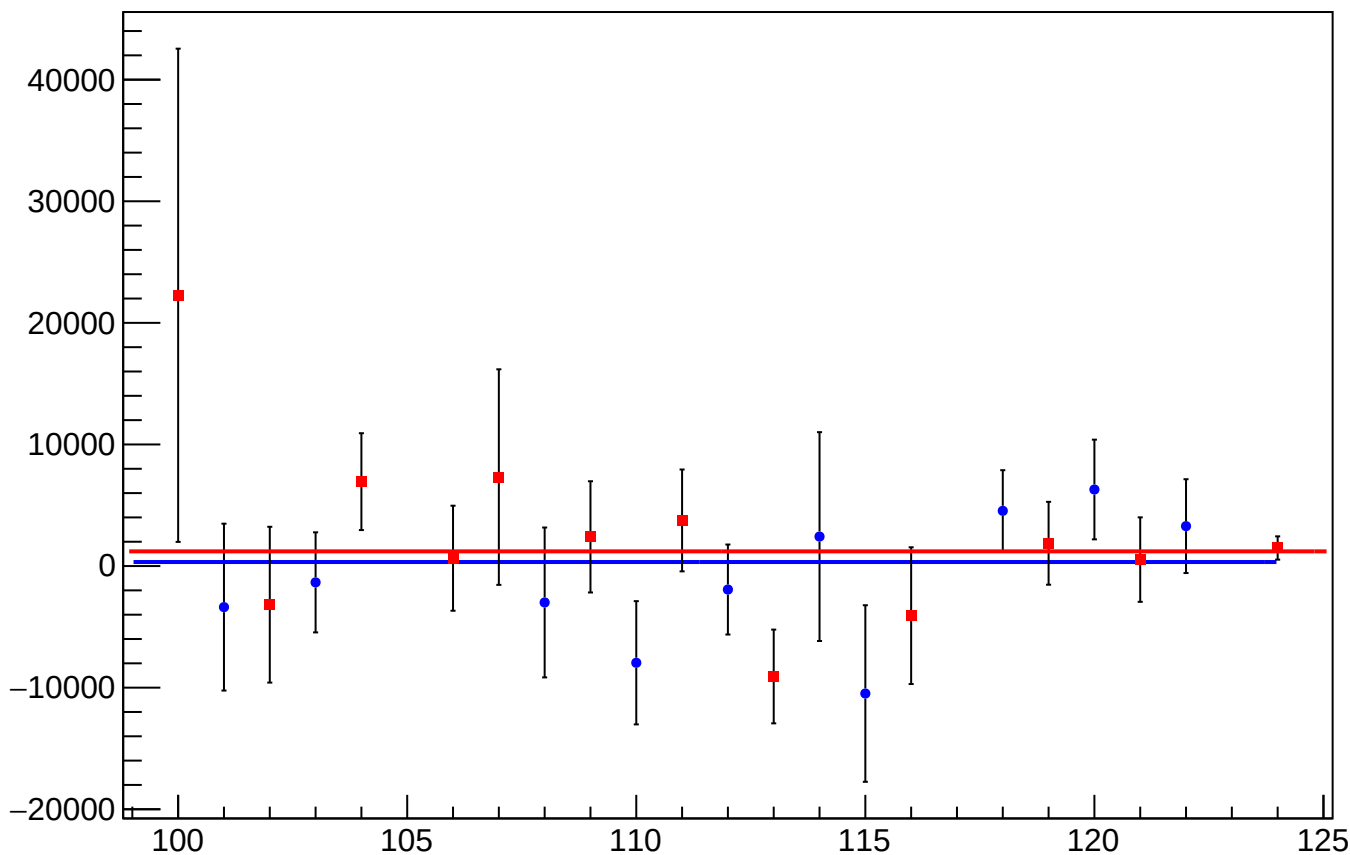
Right: 1733.249+/-0.431 χ^2/NDF : 932521.6/21

In: 1734.562+/-0.634 χ^2/NDF : 653807.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.249+/-0.431 χ^2/NDF : 932521.6/21

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 331.226+/-1463.073 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1207.958+/-785.597 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

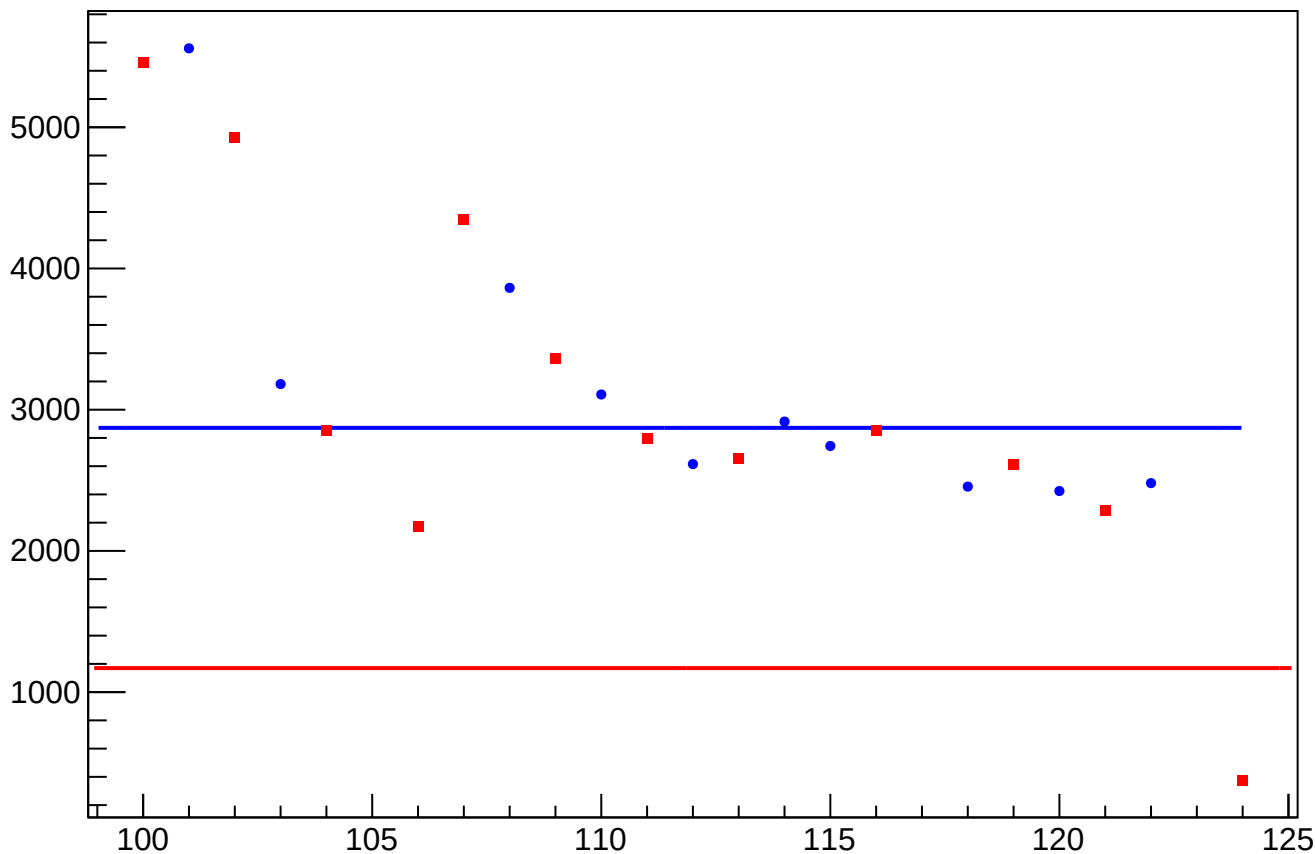
Right: 1011.752+/-692.132 χ^2/NDF : 23.4/21

In: 331.226+/-1463.073 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1011.752+/-692.132 χ^2/NDF : 23.4/21

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2871.440+/-1.035 χ^2/NDF : 459772.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1170.244+/-0.556 χ^2/NDF : 4694626.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

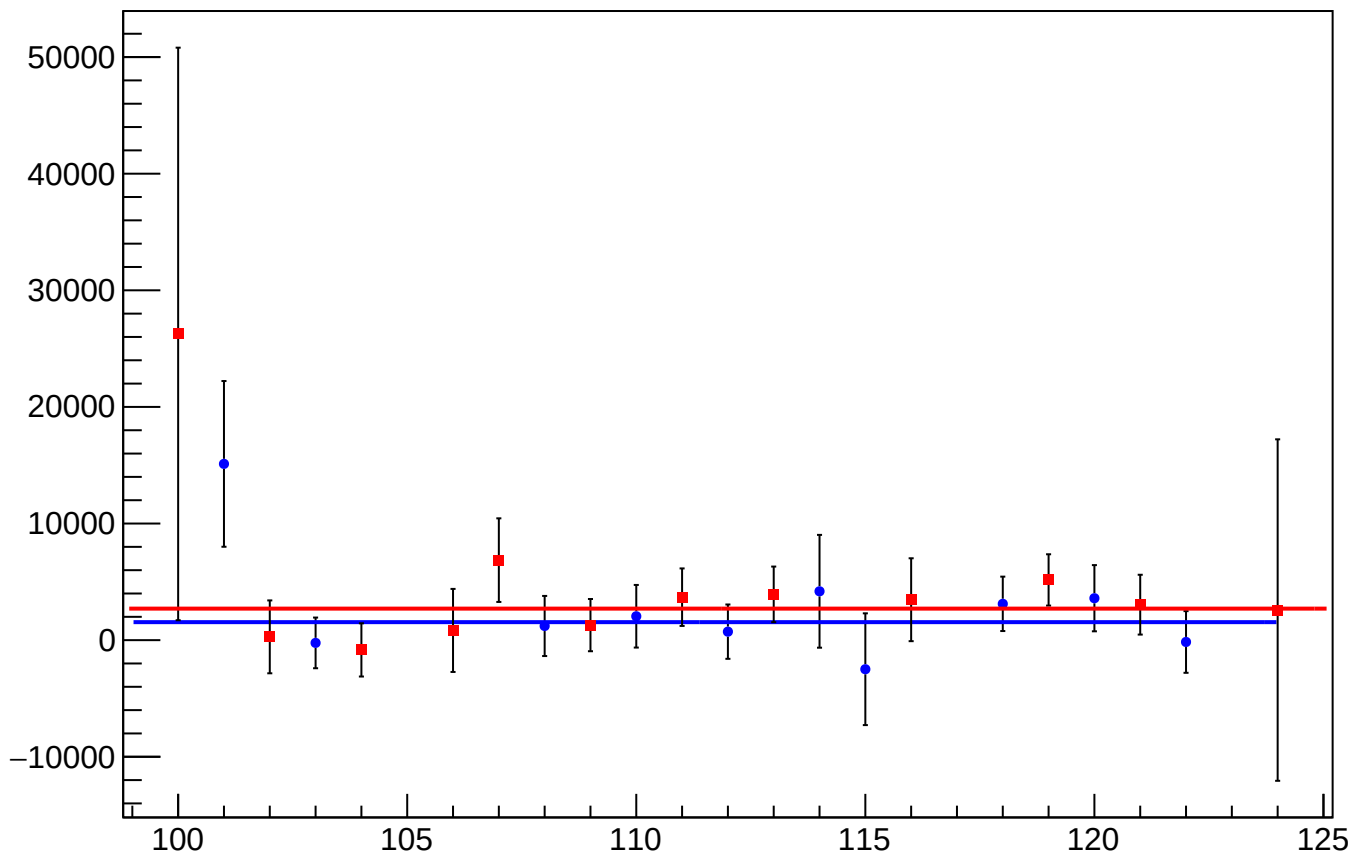
Right: 1550.959+/-0.489 χ^2/NDF : 7253260.9/21

In: 2871.440+/-1.035 χ^2/NDF :459772.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1550.959+/-0.489 χ^2/NDF : 7253260.9/21

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1543.522+/-897.167 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2704.070+/-834.834 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

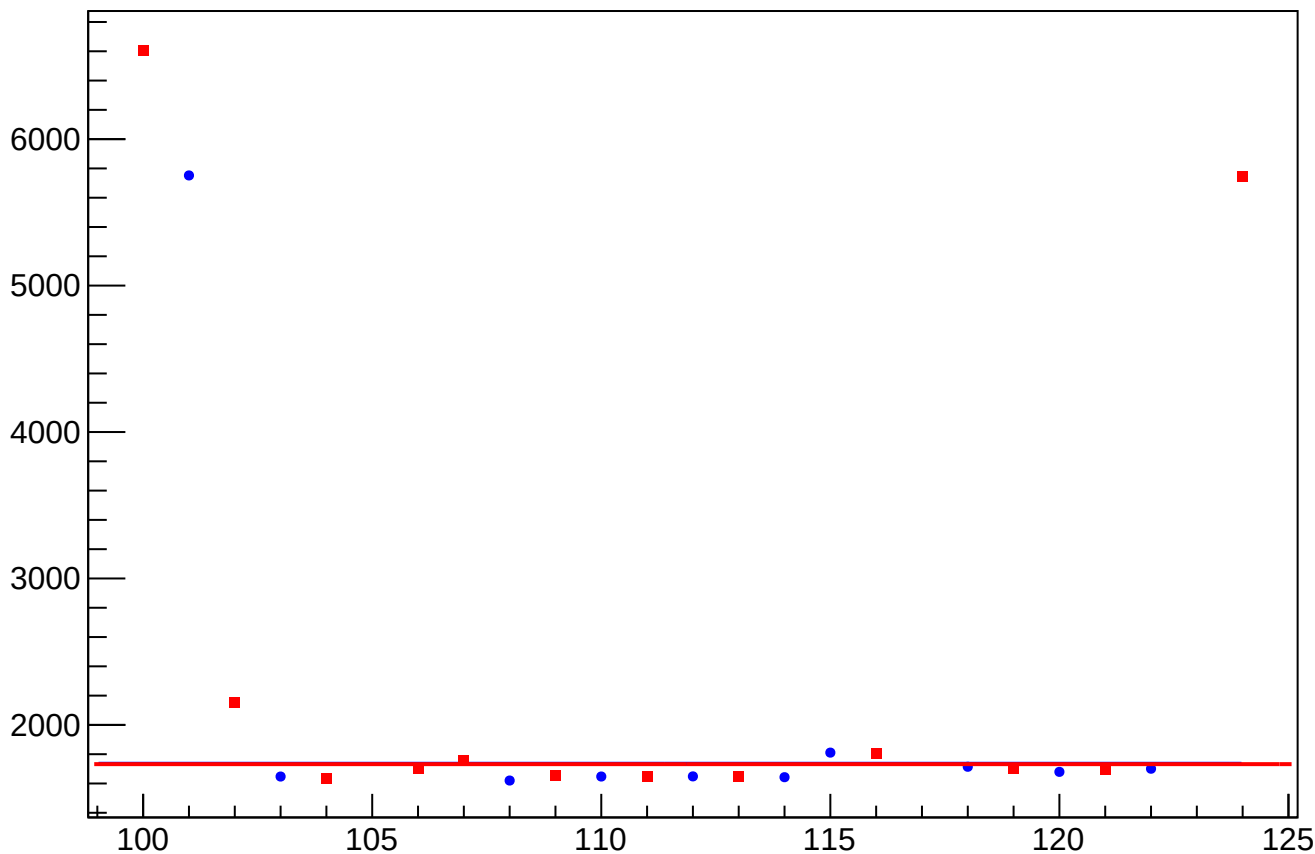
Right: 2165.509+/-611.166 χ^2/NDF : 15.5/21

In: 1543.522+/-897.167 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2165.509+/-611.166 χ^2/NDF : 15.5/21

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1734.562+/-0.634 χ^2/NDF : 653807.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1732.126+/-0.587 χ^2/NDF : 278706.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

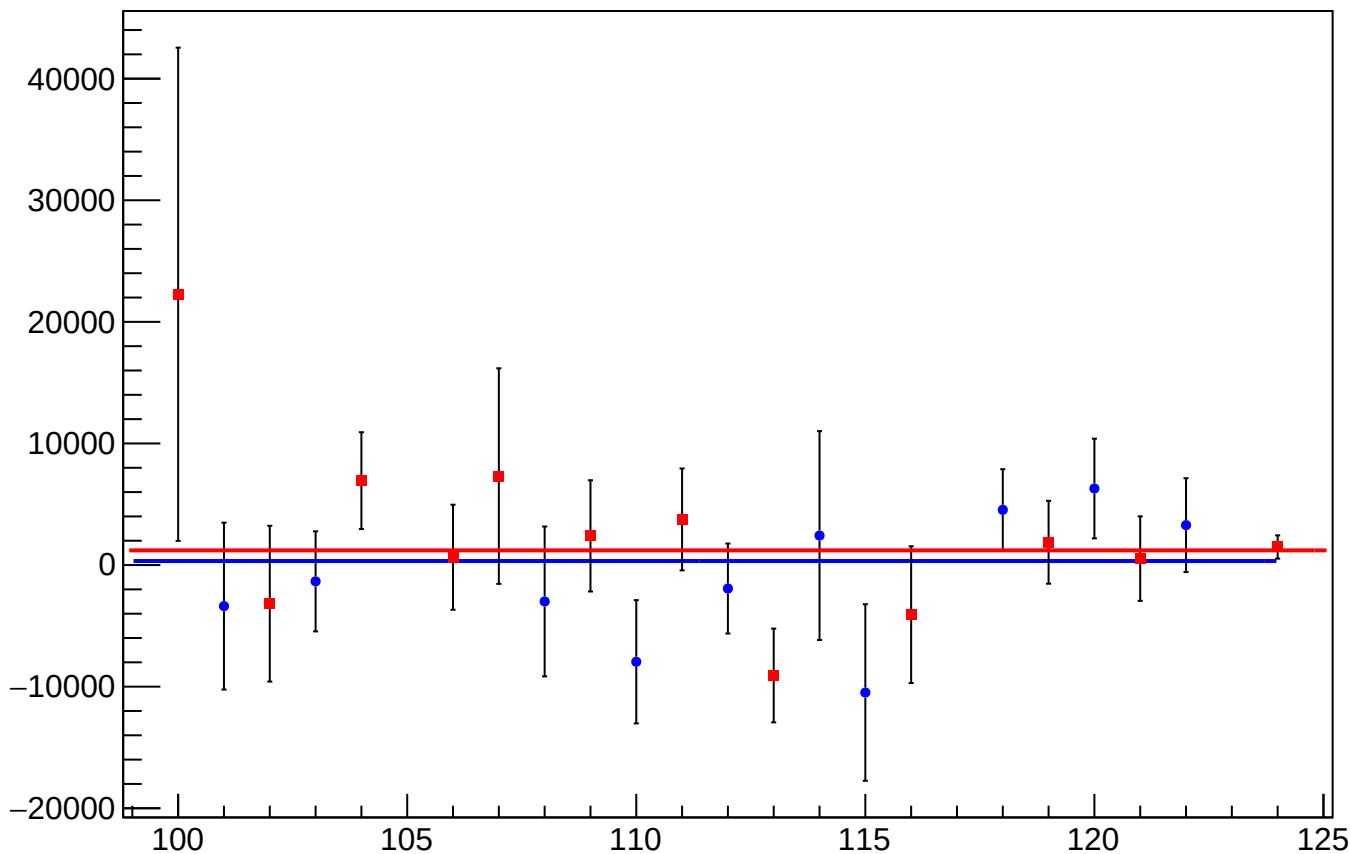
Right: 1733.249+/-0.431 χ^2/NDF : 932521.6/21

In: 1734.562+/-0.634 χ^2/NDF : 653807.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.249+/-0.431 χ^2/NDF : 932521.6/21

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 331.226+/-1463.073 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1207.958+/-785.597 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

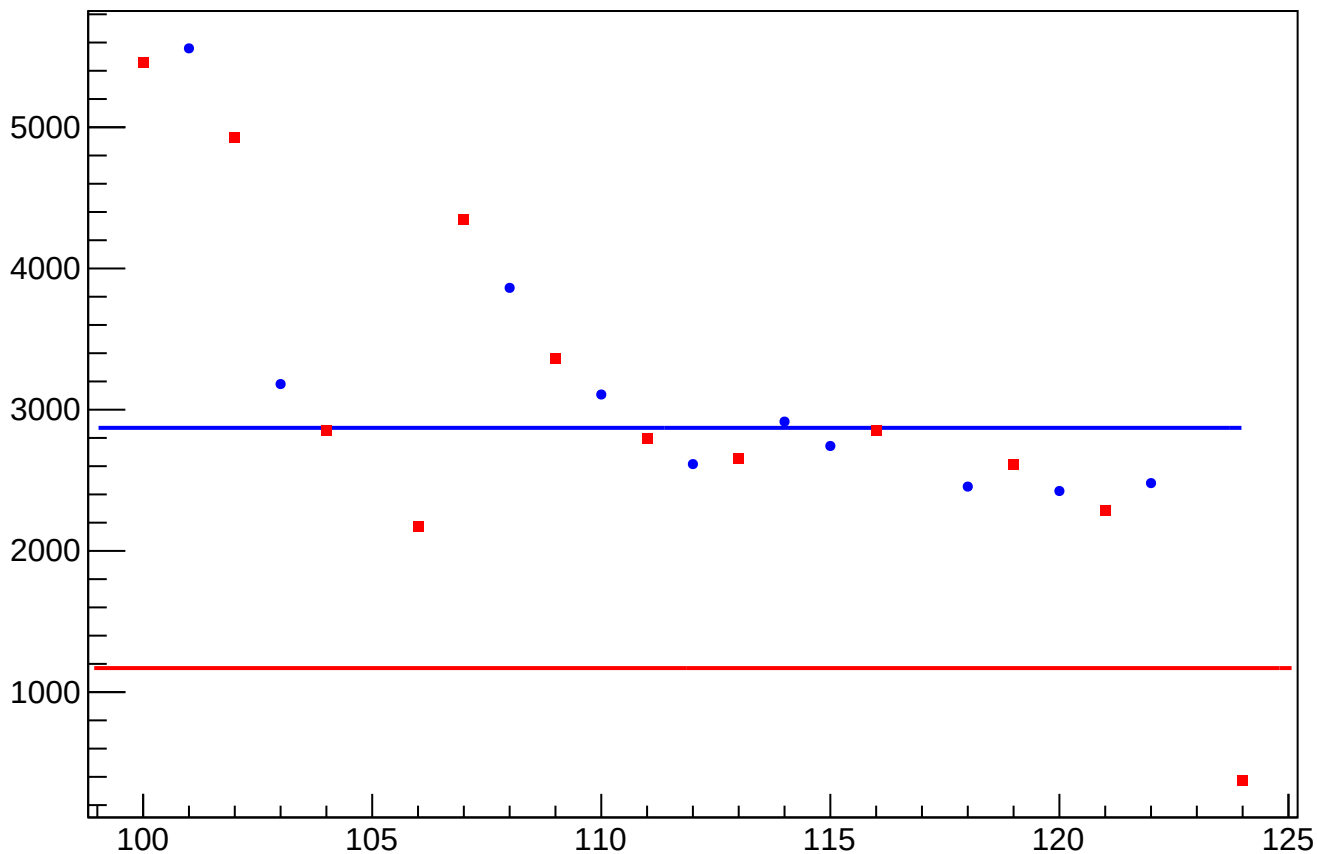
Right: 1011.752+/-692.132 χ^2/NDF : 23.4/21

In: 331.226+/-1463.073 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.752+/-692.132 χ^2/NDF : 23.4/21

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2871.440+/-1.035 χ^2/NDF : 459772.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1170.244+/-0.556 χ^2/NDF : 4694626.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

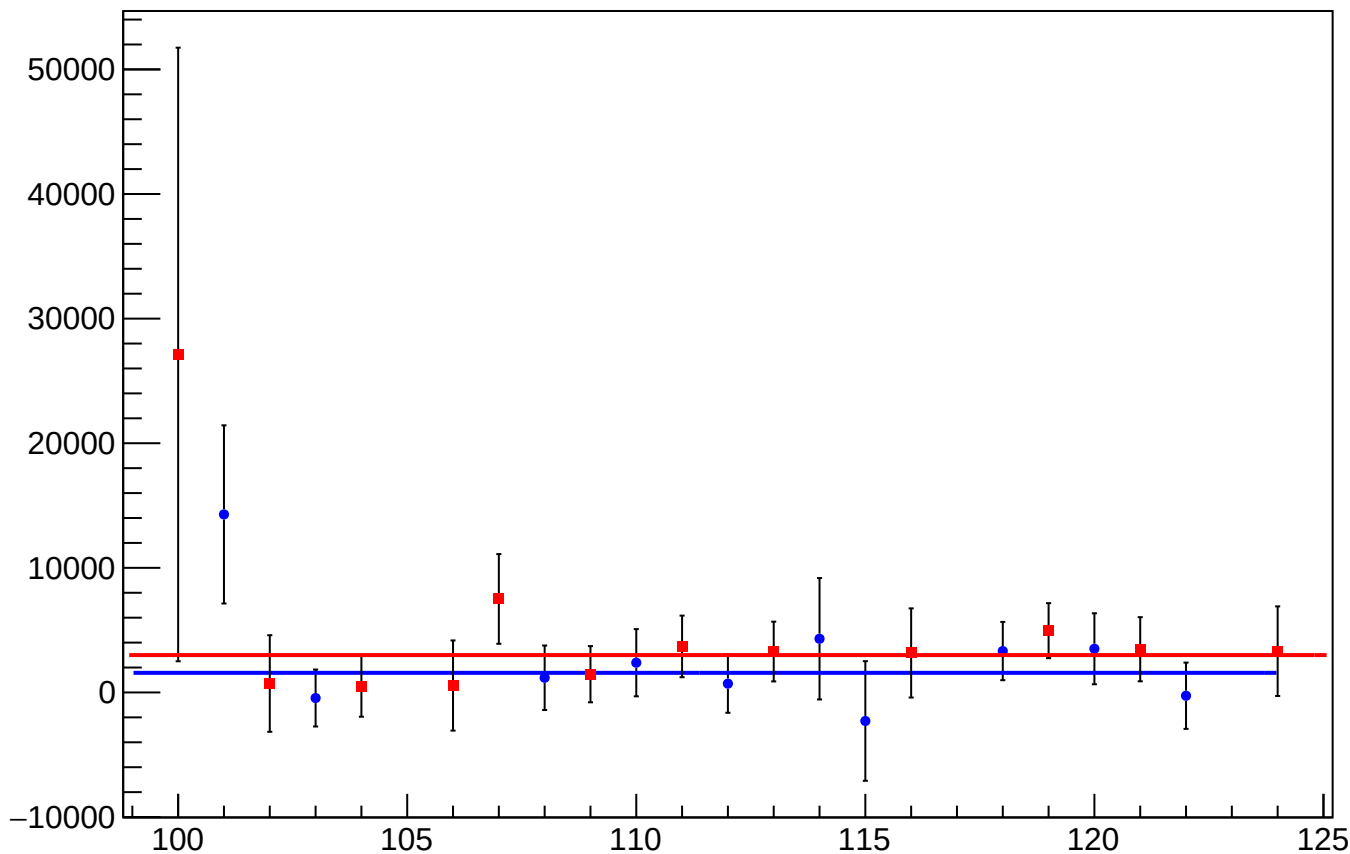
Right: 1550.959+/-0.489 χ^2/NDF : 7253260.9/21

In: 2871.440+/-1.035 χ^2/NDF : 459772.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.959+/-0.489 χ^2/NDF : 7253260.9/21

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1574.198+/-907.691 χ^2 /NDF: 6.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2998.310+/-834.485 χ^2 /NDF: 5.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

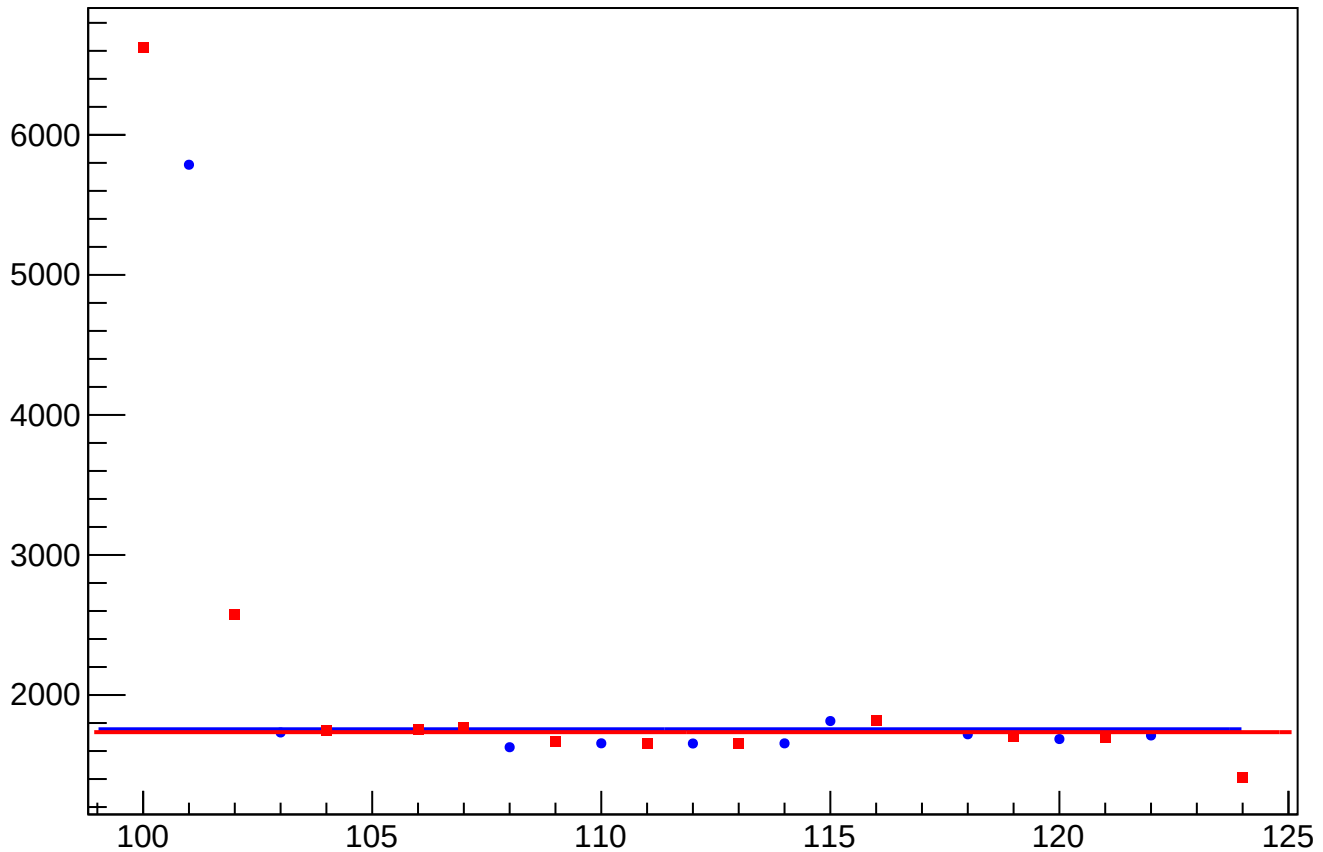
Right: 2345.989+/-614.323 χ^2 /NDF: 13.8/21

In: 1574.198+/-907.691 χ^2 /NDF:6.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2345.989+/-614.323 χ^2 /NDF: 13.8/21

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1755.220+/-0.642 χ^2/NDF : 650845.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1734.717+/-0.588 χ^2/NDF : 197392.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

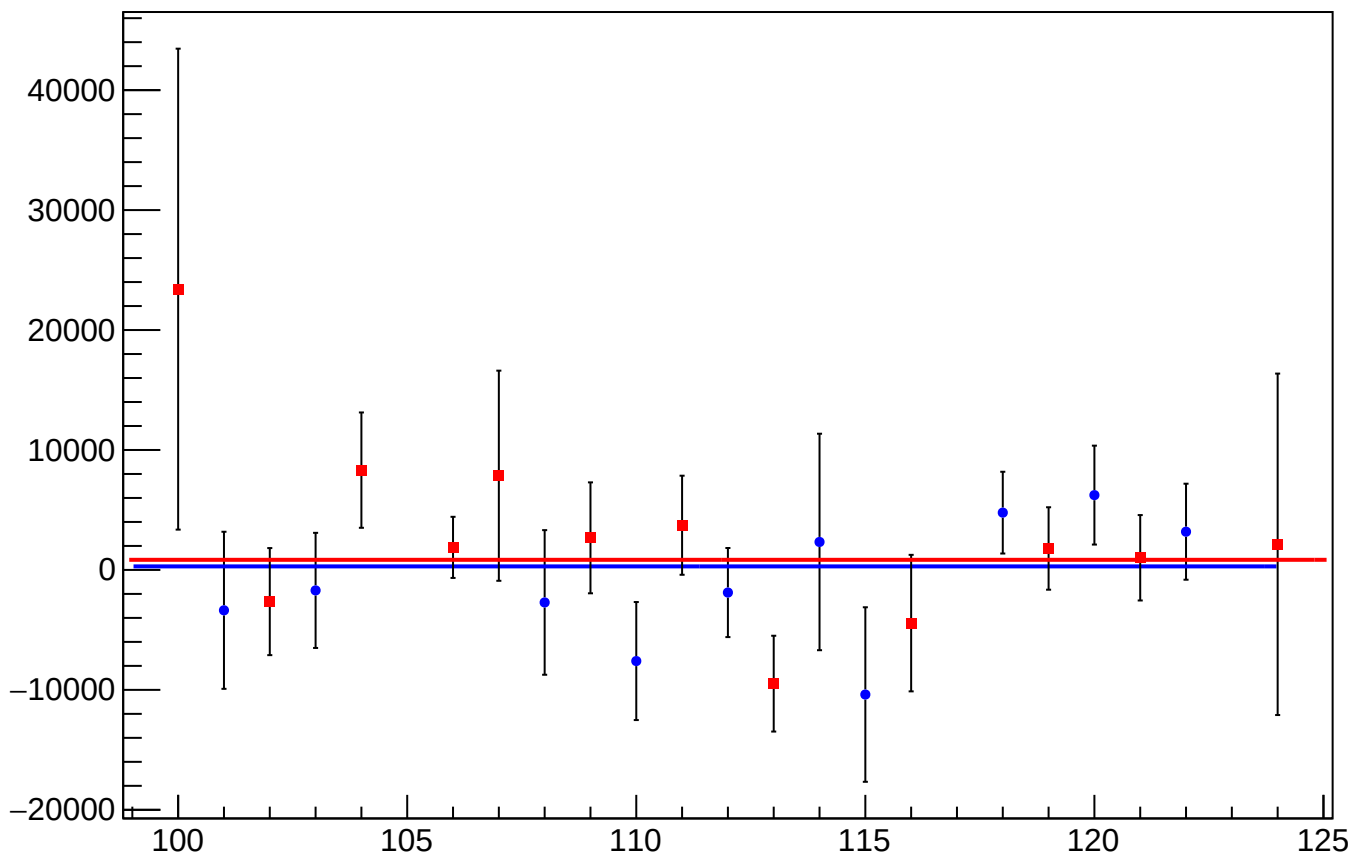
Right: 1744.065+/-0.433 χ^2/NDF : 848792.5/21

In: 1755.220+/-0.642 χ^2/NDF : 650845.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.065+/-0.433 χ^2/NDF : 848792.5/21

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 294.383+/-1496.374 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 843.216+/-1259.448 χ^2/NDF : 13.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

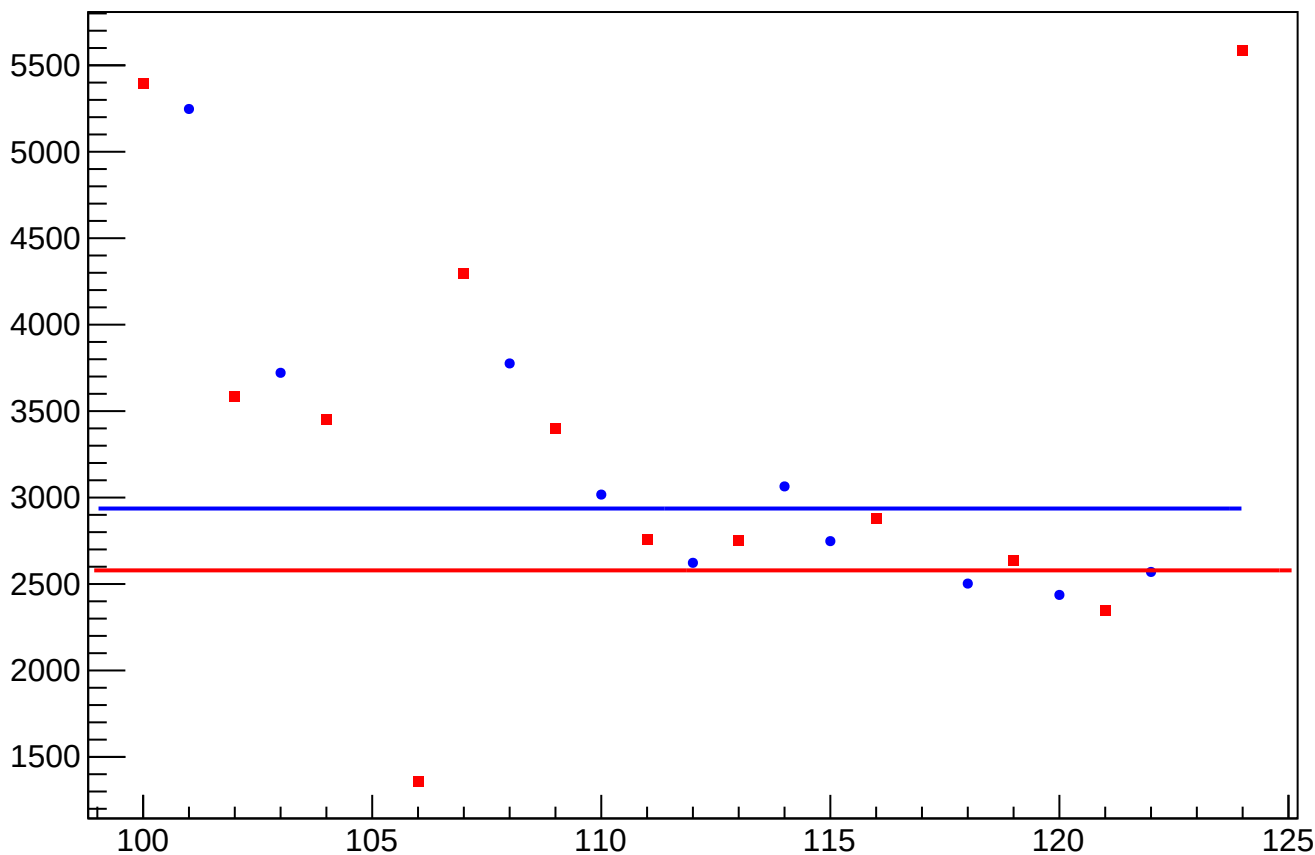
Right: 615.638+/-963.574 χ^2/NDF : 23.6/21

In: 294.383+/-1496.374 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.638+/-963.574 χ^2/NDF : 23.6/21

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2936.625+/-1.058 χ^2/NDF : 436525.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2578.918+/-0.891 χ^2/NDF : 917793.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

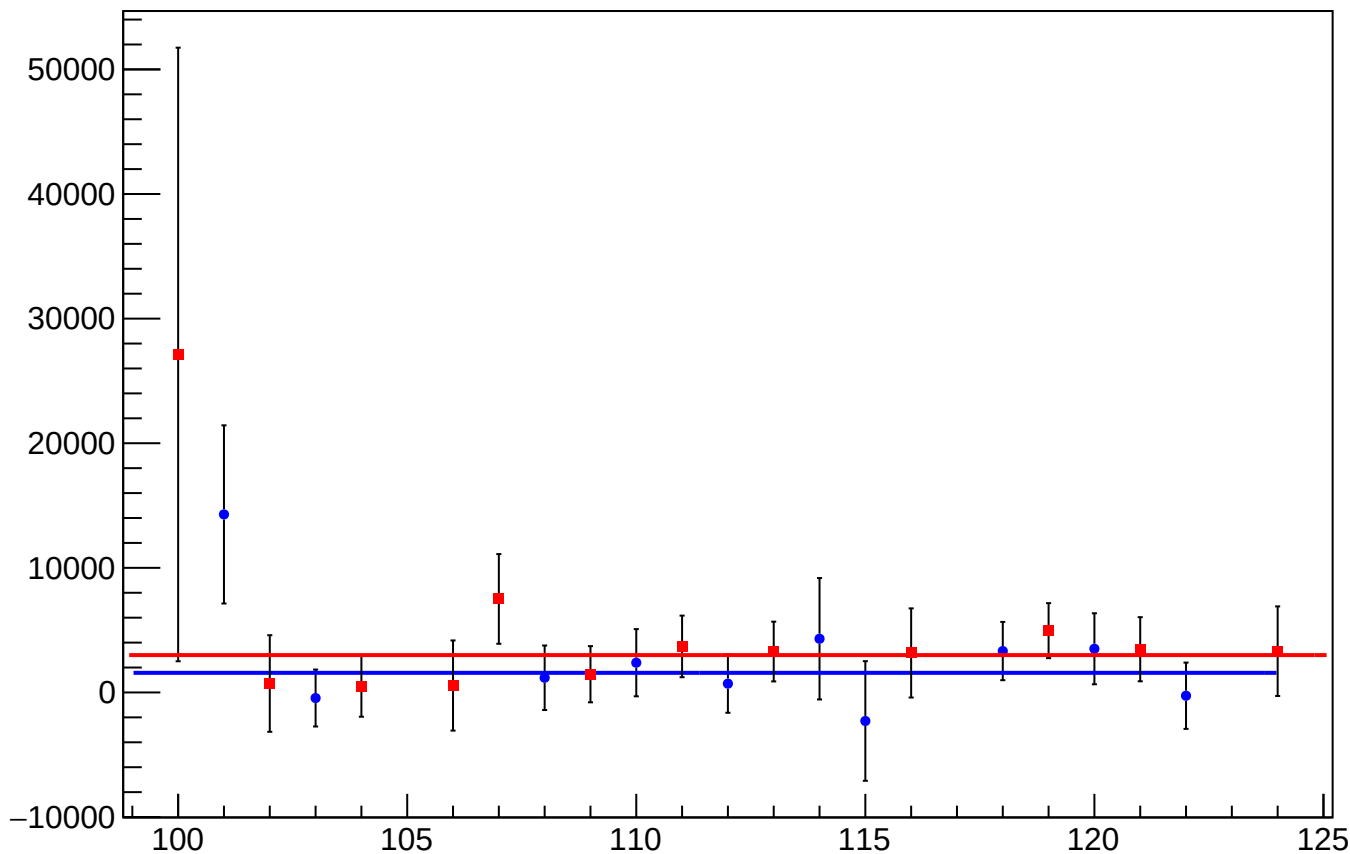
Right: 2727.244+/-0.681 χ^2/NDF : 1421216.8/21

In: 2936.625+/-1.058 χ^2/NDF :436525.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2727.244+/-0.681 χ^2/NDF : 1421216.8/21

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1574.199+/-907.691 χ^2 /NDF: 6.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2998.317+/-834.485 χ^2 /NDF: 5.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

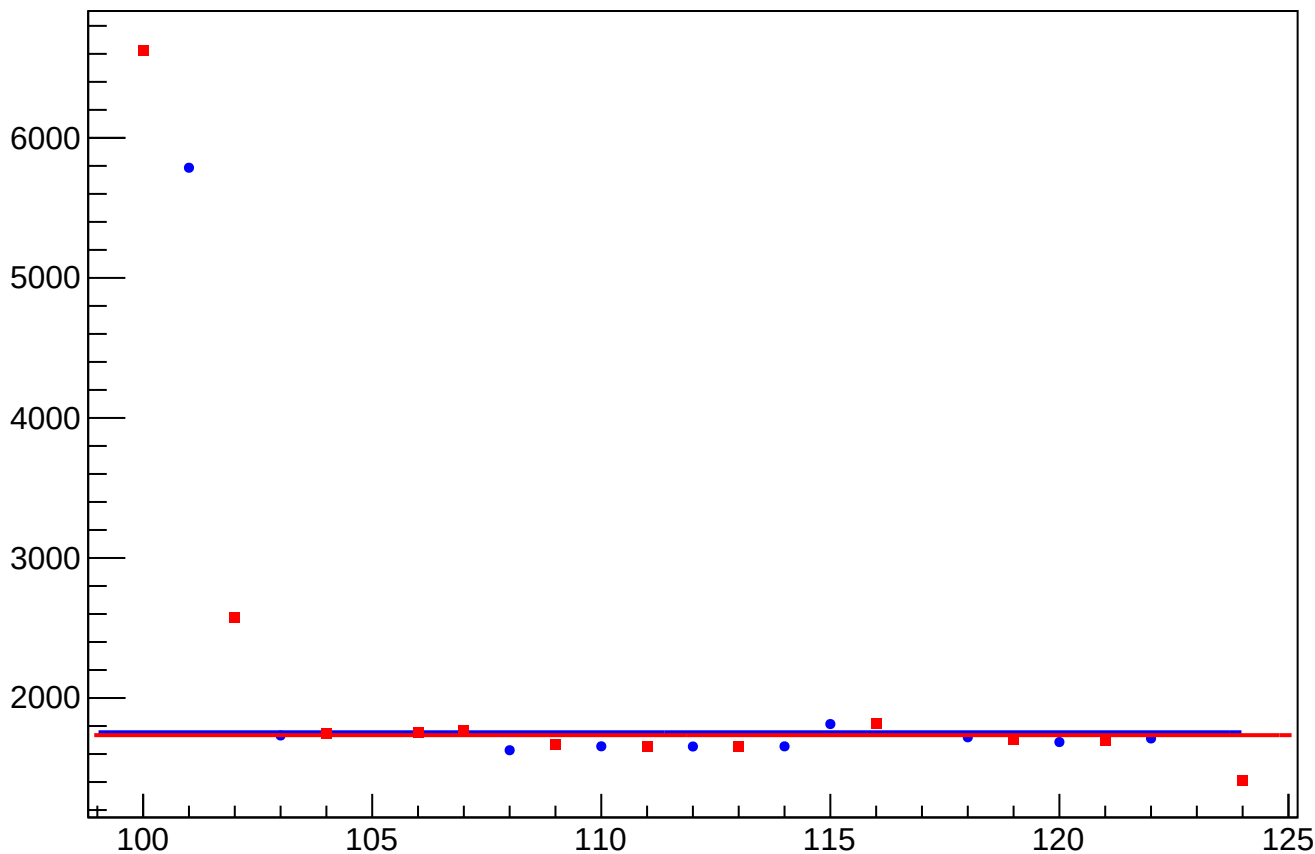
Right: 2345.994+/-614.323 χ^2 /NDF: 13.8/21

In: 1574.199+/-907.691 χ^2 /NDF:6.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2345.994+/-614.323 χ^2 /NDF: 13.8/21

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1755.220+/-0.642 χ^2/NDF : 650844.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1734.717+/-0.588 χ^2/NDF : 197392.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

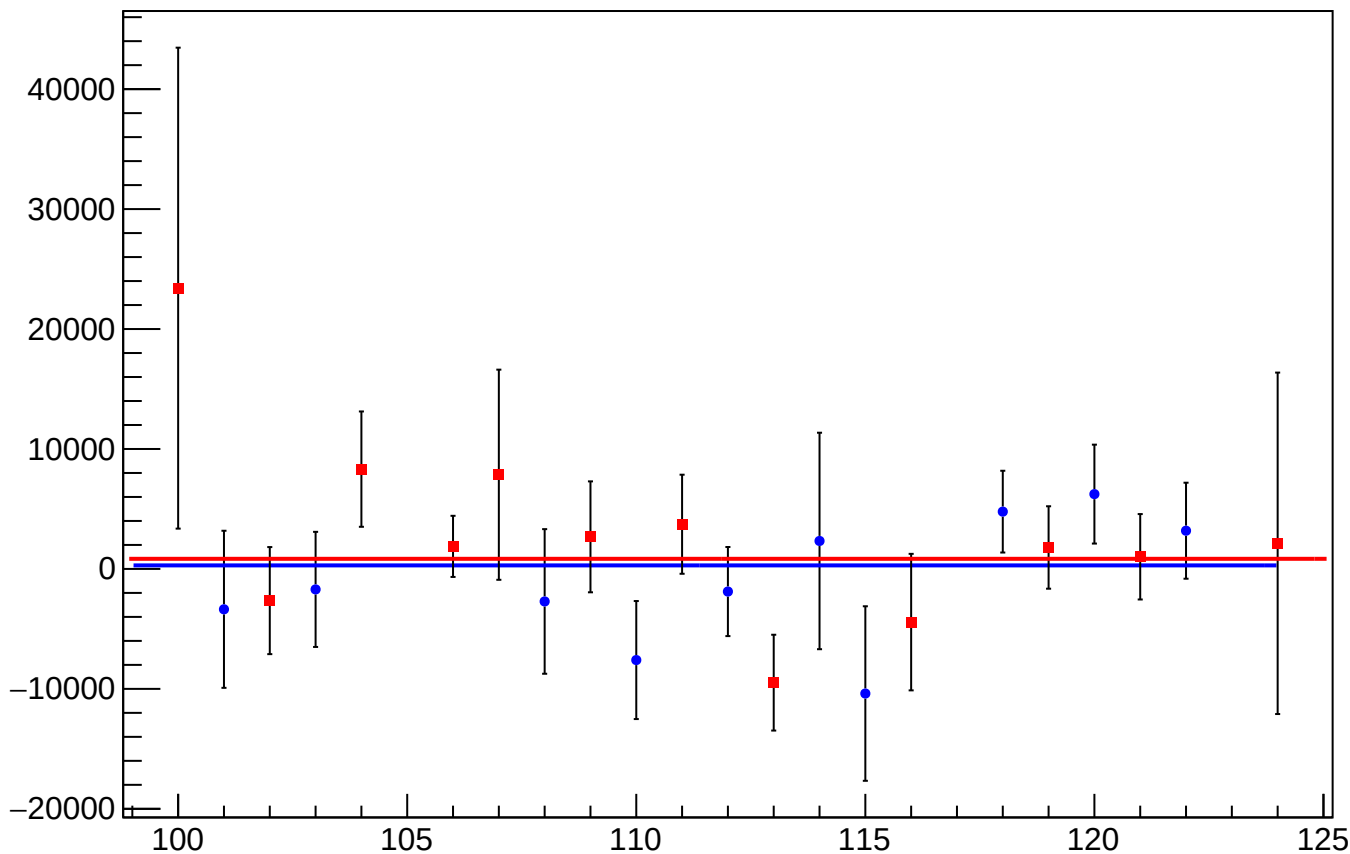
Right: 1744.065+/-0.433 χ^2/NDF : 848792.4/21

In: 1755.220+/-0.642 χ^2/NDF : 650844.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.065+/-0.433 χ^2/NDF : 848792.4/21

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 294.387+/-1496.368 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 843.214+/-1259.443 χ^2/NDF : 13.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

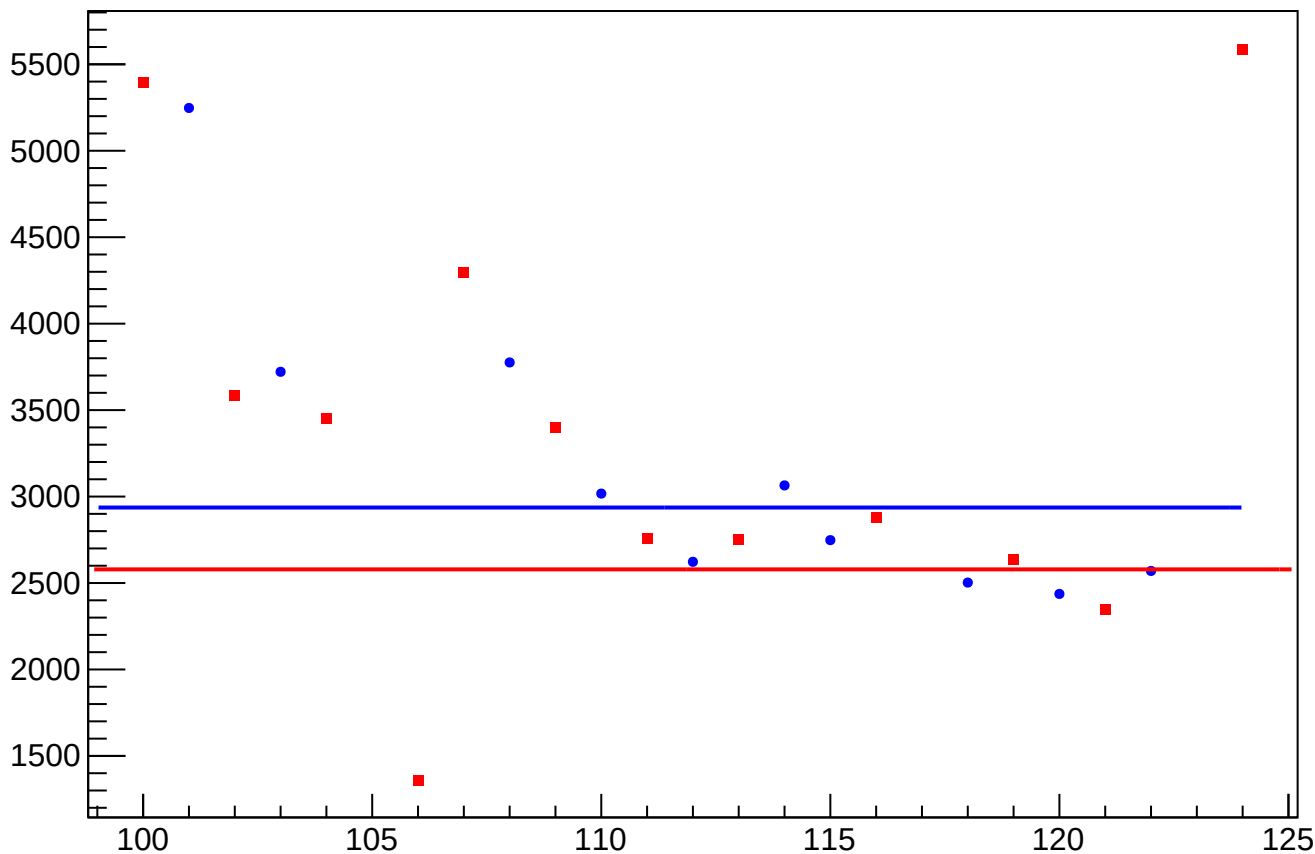
Right: 615.639+/-963.570 χ^2/NDF : 23.6/21

In: 294.387+/-1496.368 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.639+/-963.570 χ^2/NDF : 23.6/21

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2936.612+/-1.058 χ^2/NDF : 436529.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2578.905+/-0.891 χ^2/NDF : 917806.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

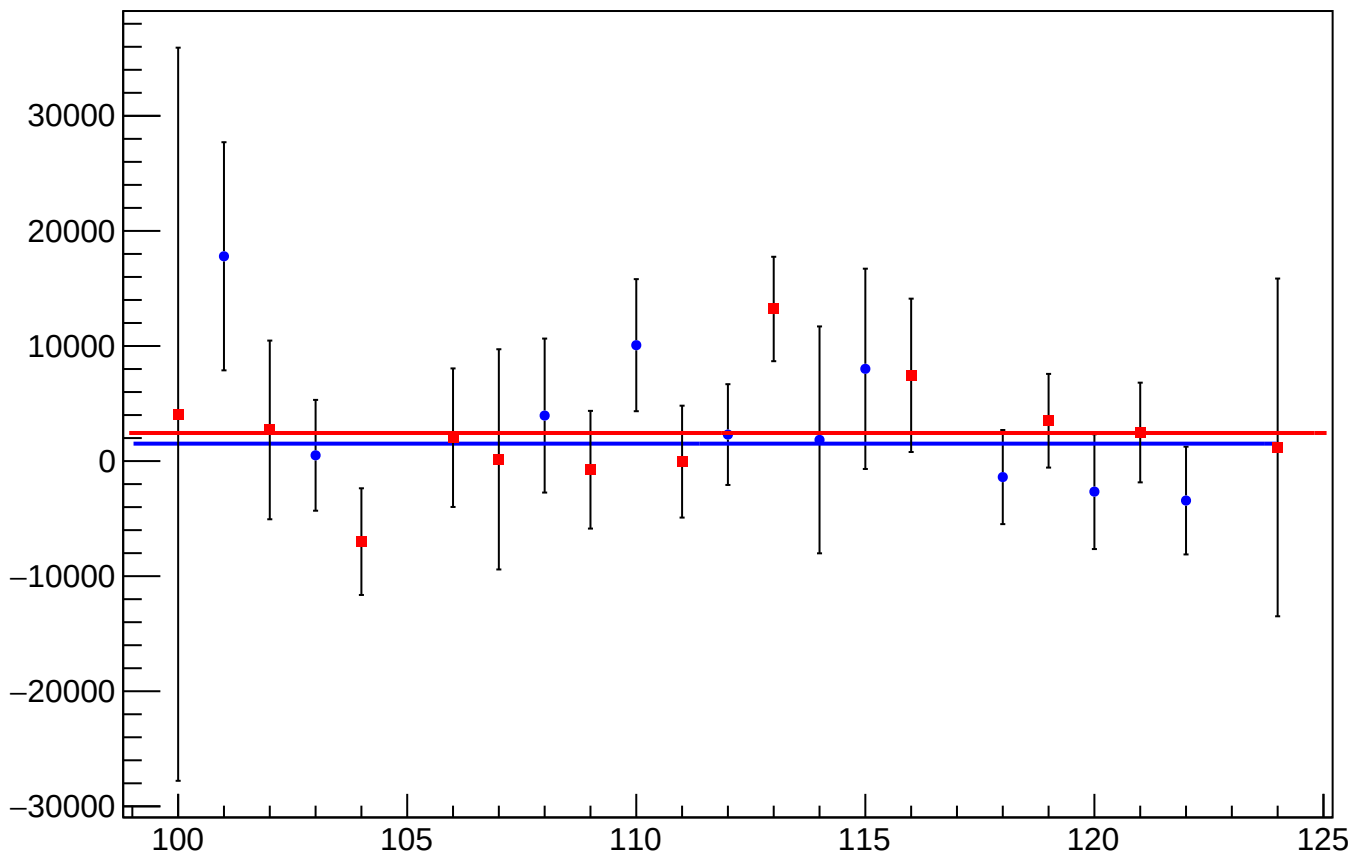
Right: 2727.231+/-0.681 χ^2/NDF : 1421235.3/21

In: 2936.612+/-1.058 χ^2/NDF : 436529.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2727.231+/-0.681 χ^2/NDF : 1421235.3/21

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1514.893 $\pm$ 1747.983 χ^2 /NDF: 8.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2441.229 $\pm$ 1638.336 χ^2 /NDF: 11.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

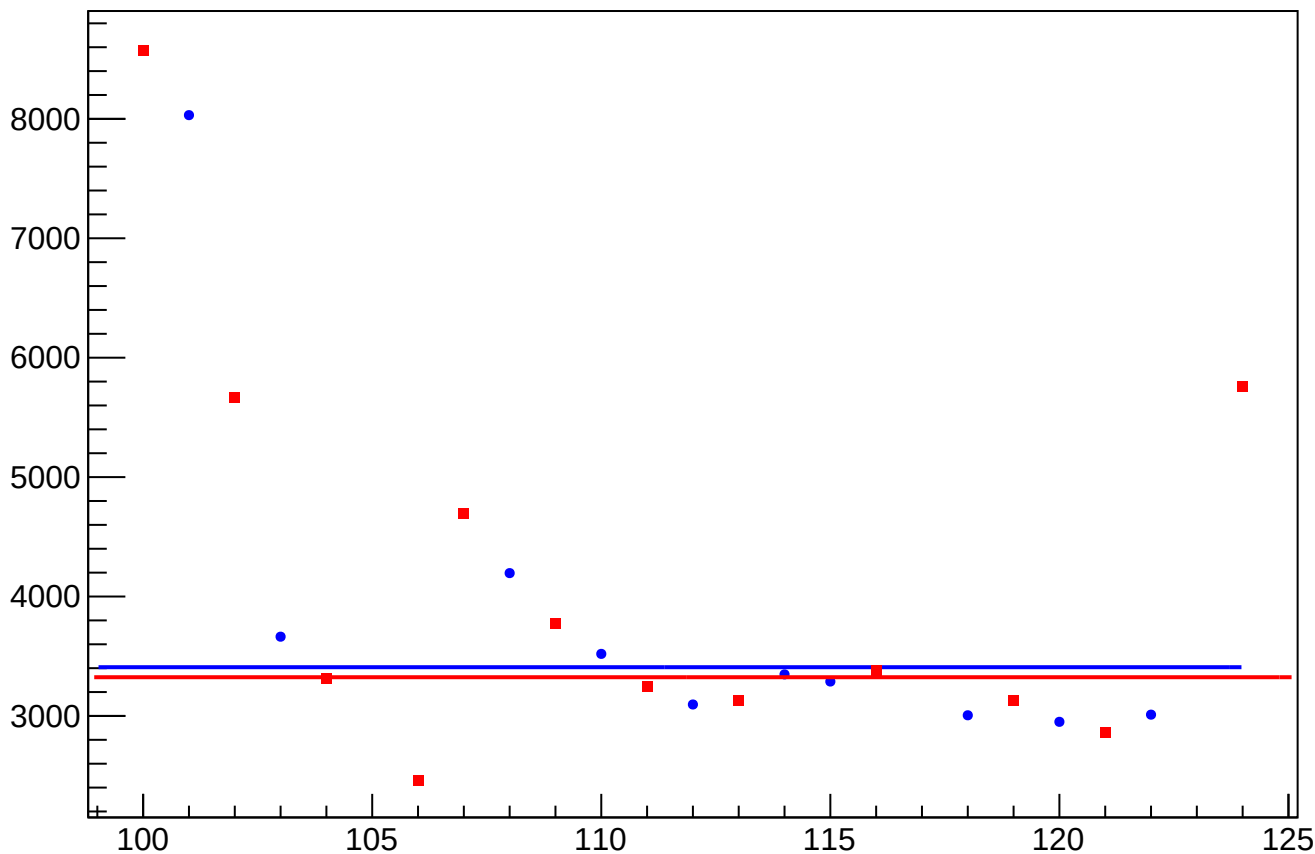
Right: 2008.024 $\pm$ 1195.363 χ^2 /NDF: 19.3/21

In: 1514.893 $\pm$ 1747.983 χ^2 /NDF:8.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2008.024 $\pm$ 1195.363 χ^2 /NDF: 19.3/21

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3408.124+/-1.236 χ^2/NDF : 530446.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3324.204+/-1.132 χ^2/NDF : 446451.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

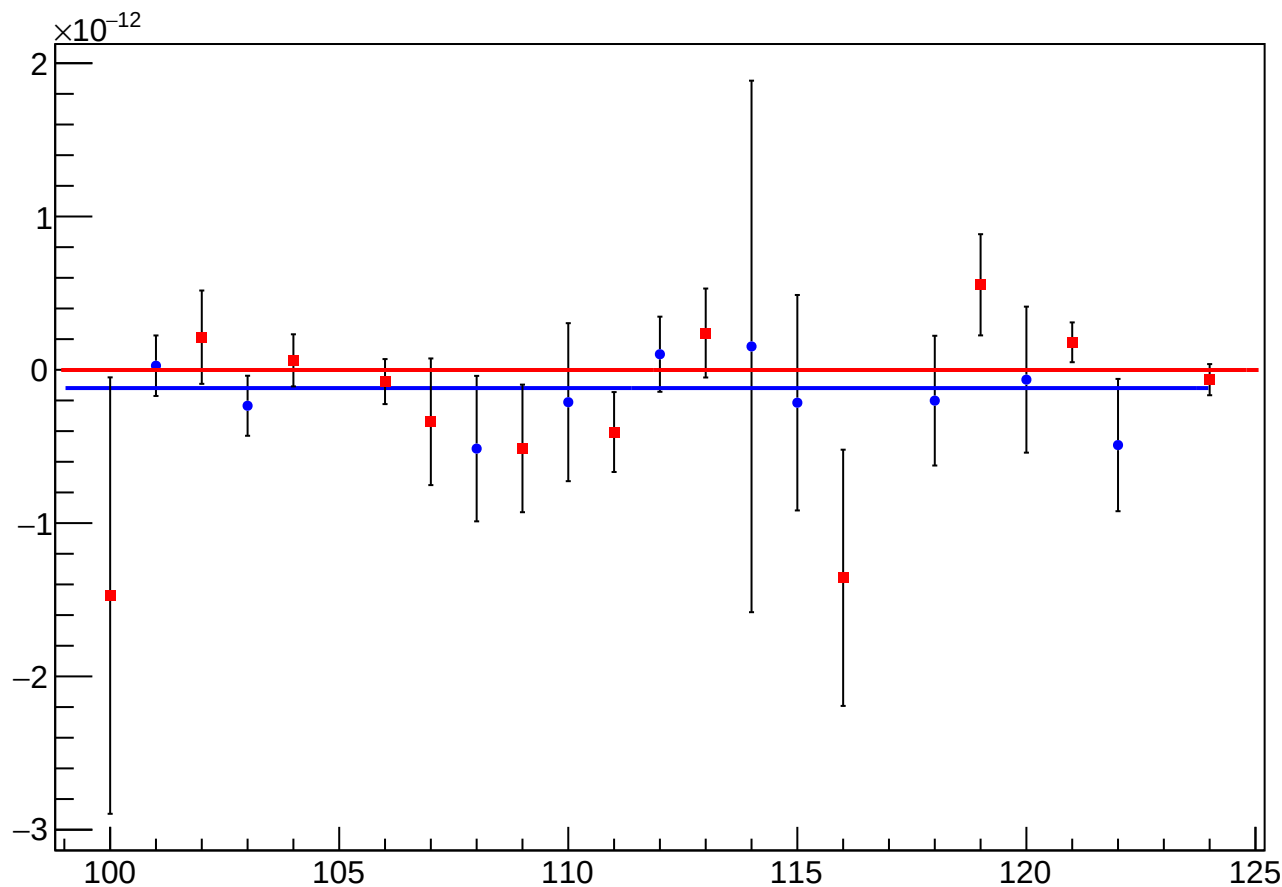
Right: 3362.493+/-0.835 χ^2/NDF : 979405.3/21

In: 3408.124+/-1.236 χ^2/NDF : 530446.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3362.493+/-0.835 χ^2/NDF : 979405.3/21

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 3.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 15.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

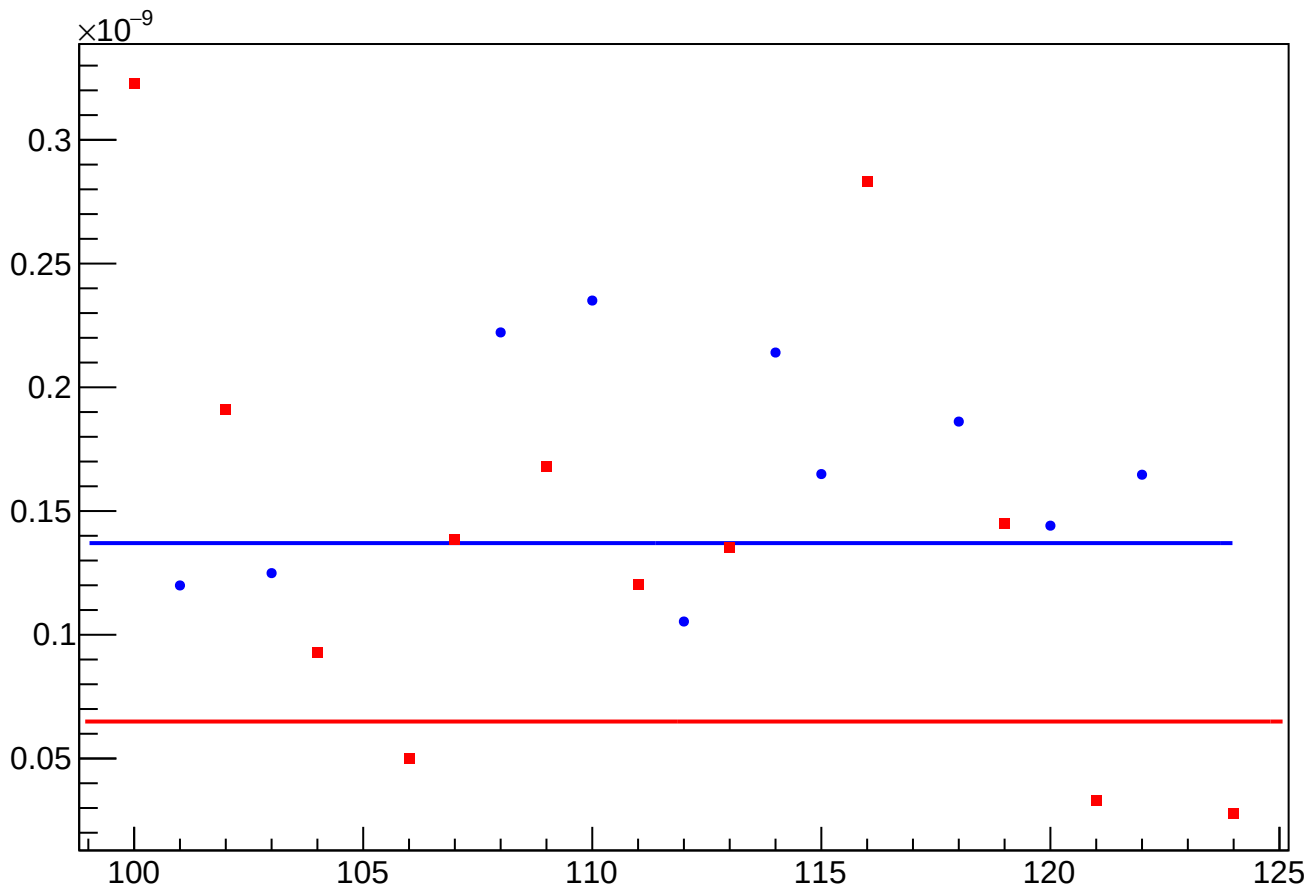
Right: -0.000 ± 0.000 χ^2/NDF : 19.3/21

In: -0.000 ± 0.000 χ^2/NDF : 3.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 19.3/21

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 235593.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1518689.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

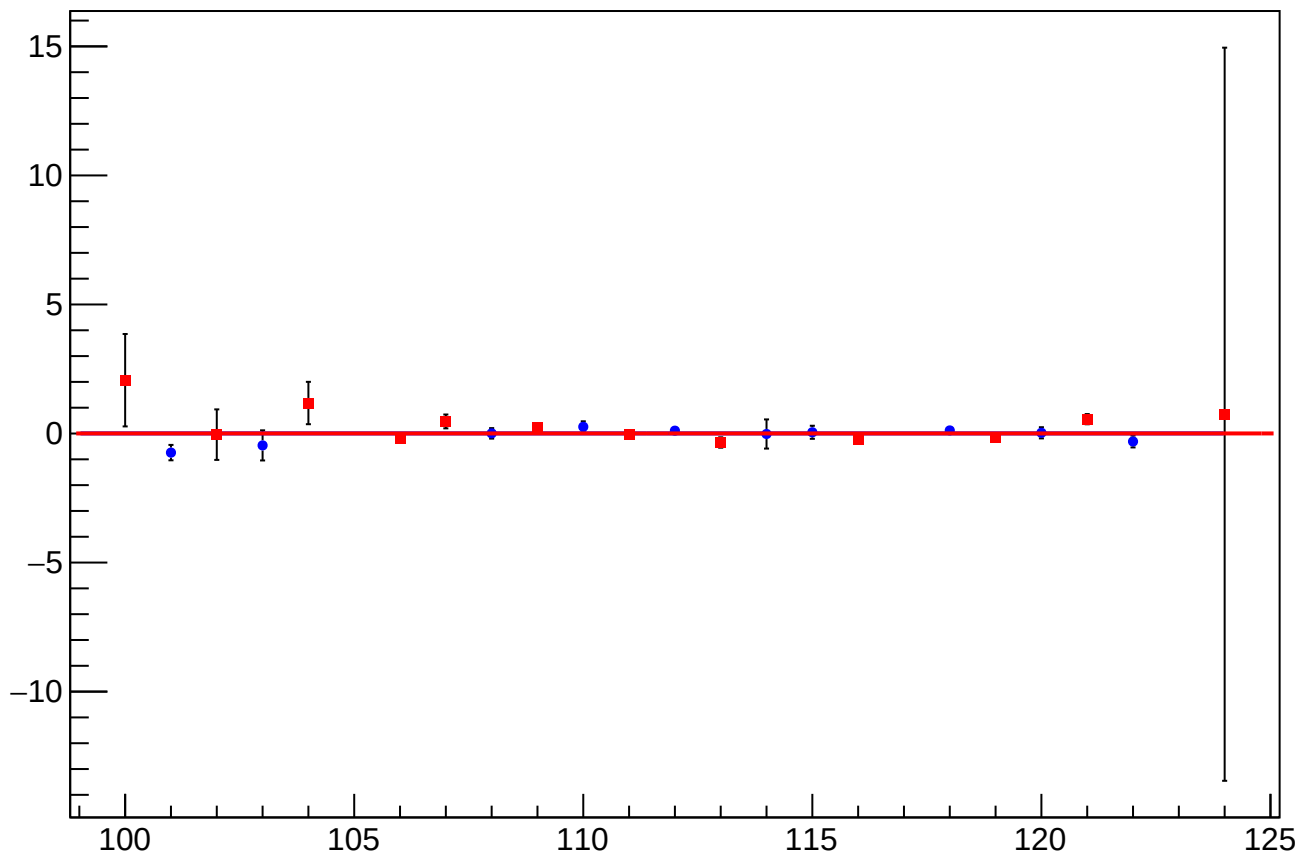
Right: 0.000+/-0.000 χ^2/NDF : 2498810.5/21

In: 0.000+/-0.000 χ^2/NDF : 235593.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2498810.5/21

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.071 χ^2 /NDF: 11.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.062 χ^2 /NDF: 23.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

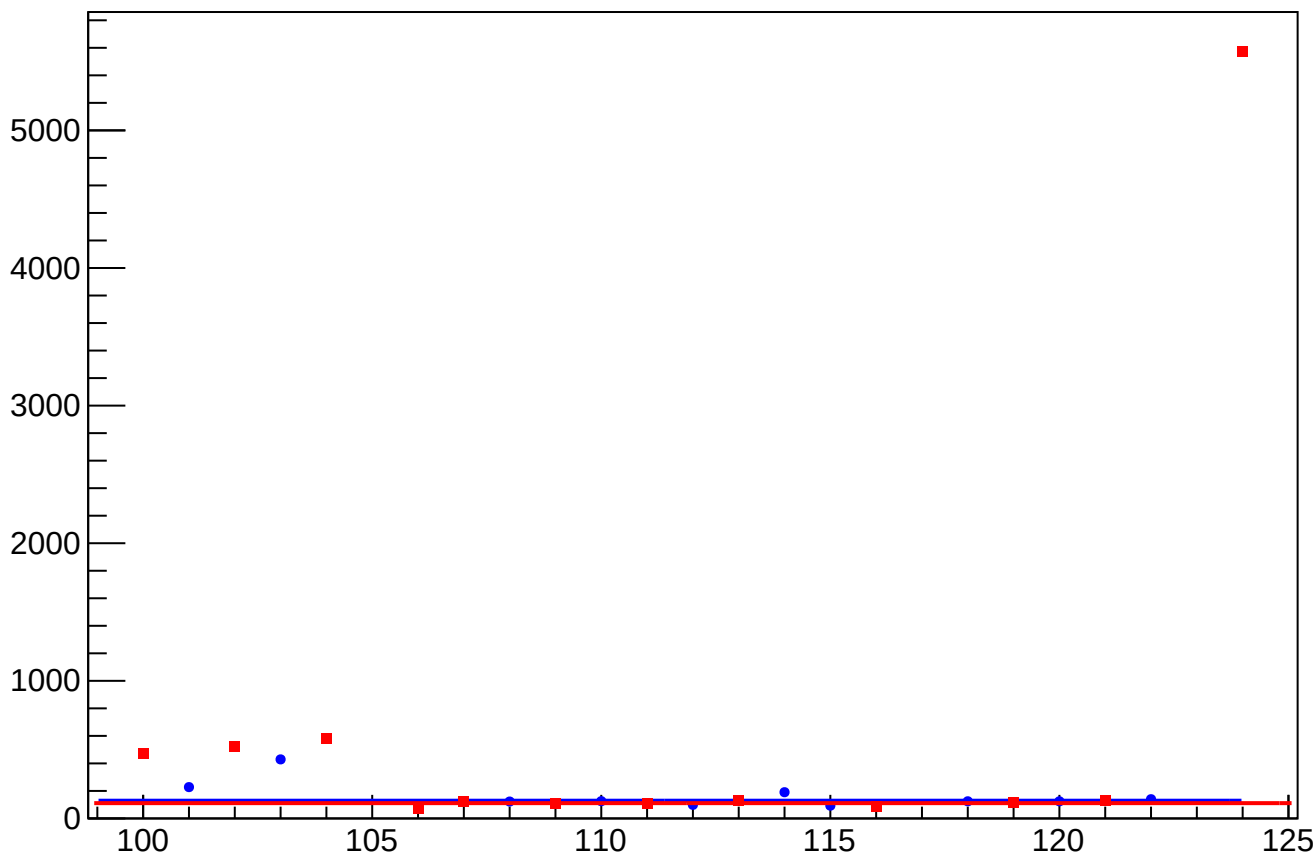
Right: 0.004 $\pm$ 0.047 χ^2 /NDF: 34.9/21

In: 0.004 $\pm$ 0.071 χ^2 /NDF:11.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.047 χ^2 /NDF: 34.9/21

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.921+/-0.050 χ^2/NDF : 905467.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.285+/-0.044 χ^2/NDF : 1610561.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

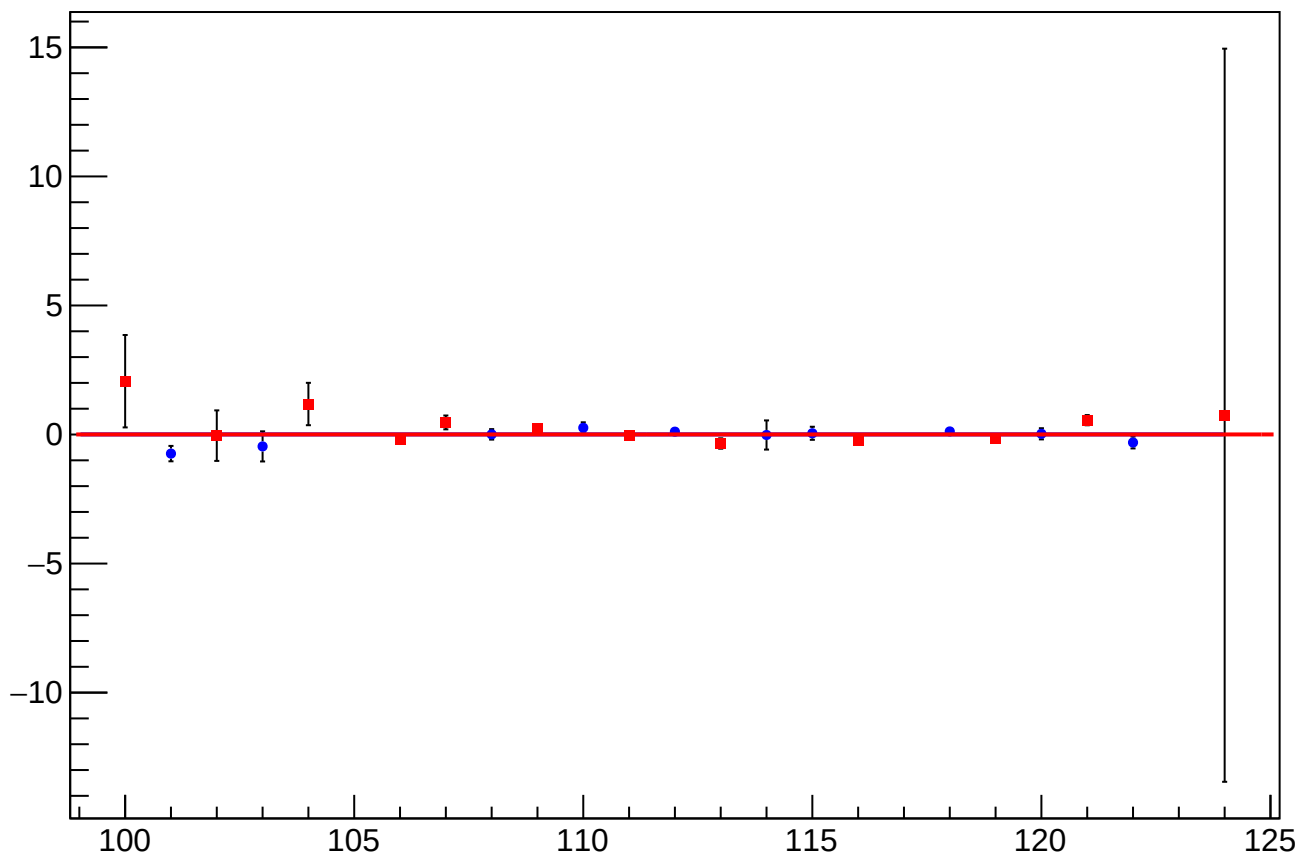
Right: 118.984+/-0.033 χ^2/NDF : 2585871.6/21

In: 128.921+/-0.050 χ^2/NDF : 905467.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.984+/-0.033 χ^2/NDF : 2585871.6/21

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.071 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.062 χ^2/NDF : 23.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

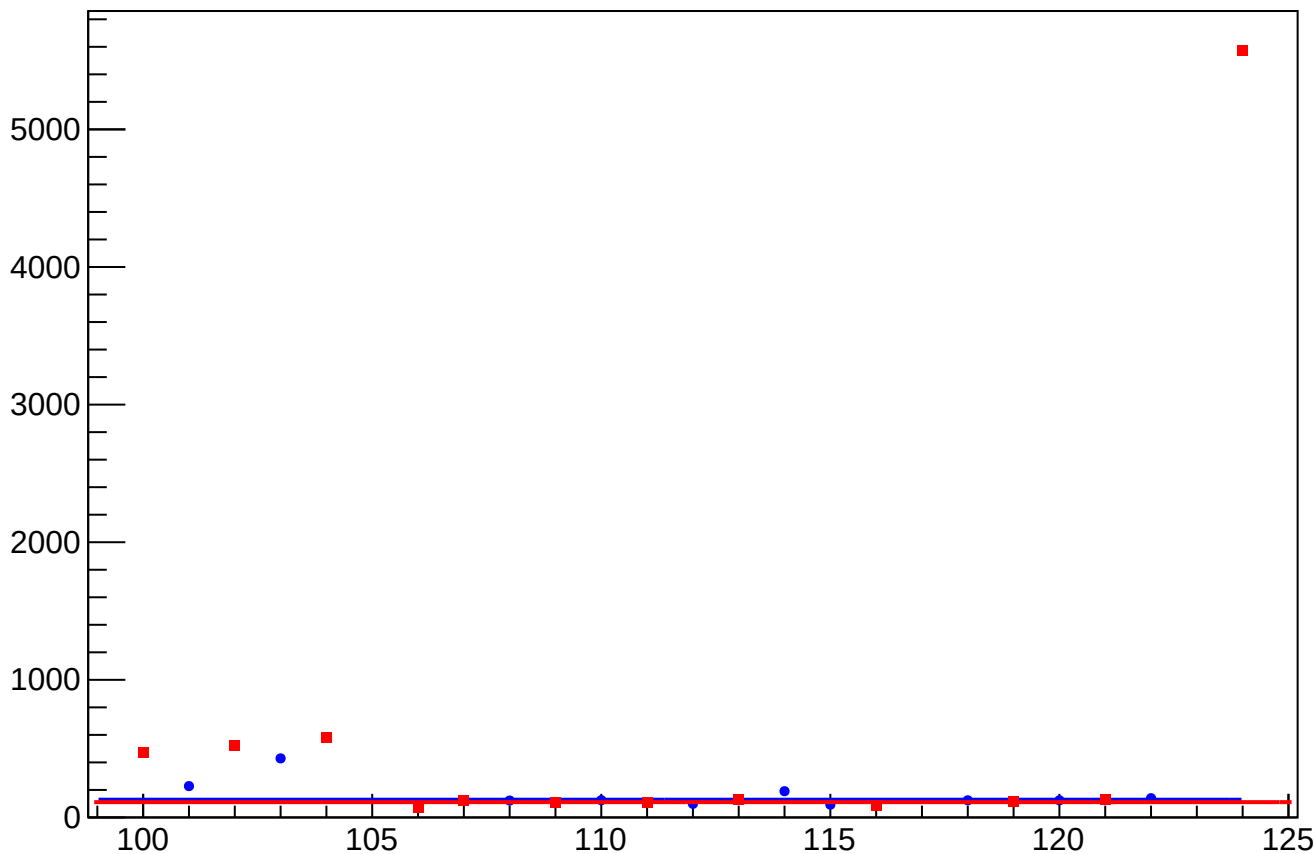
Right: 0.004+/-0.047 χ^2/NDF : 34.9/21

In: 0.004+/-0.071 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.047 χ^2/NDF : 34.9/21

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.921+/-0.050 χ^2/NDF : 905467.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.285+/-0.044 χ^2/NDF : 1610561.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

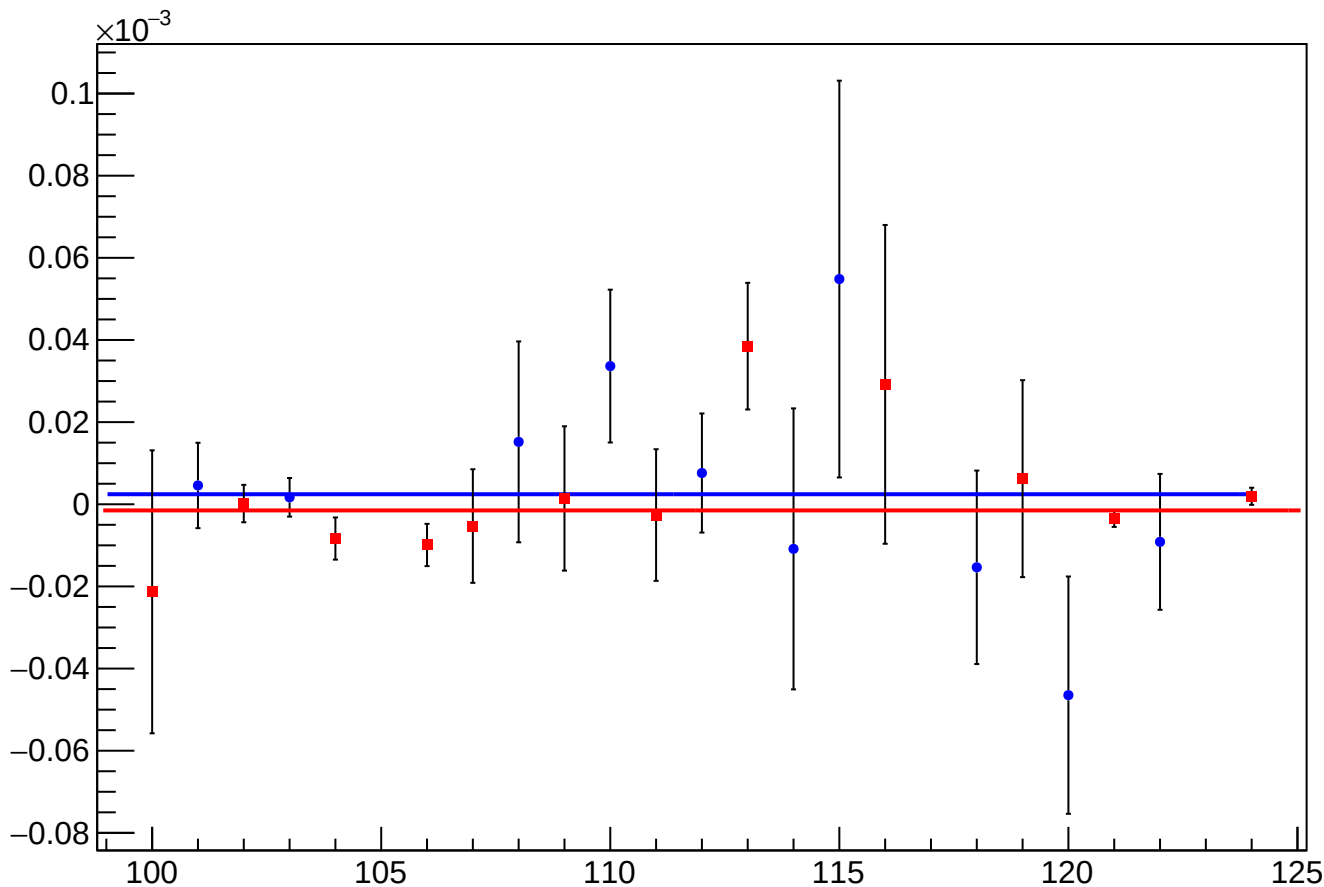
Right: 118.984+/-0.033 χ^2/NDF : 2585871.6/21

In: 128.921+/-0.050 χ^2/NDF : 905467.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.984+/-0.033 χ^2/NDF : 2585871.6/21

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

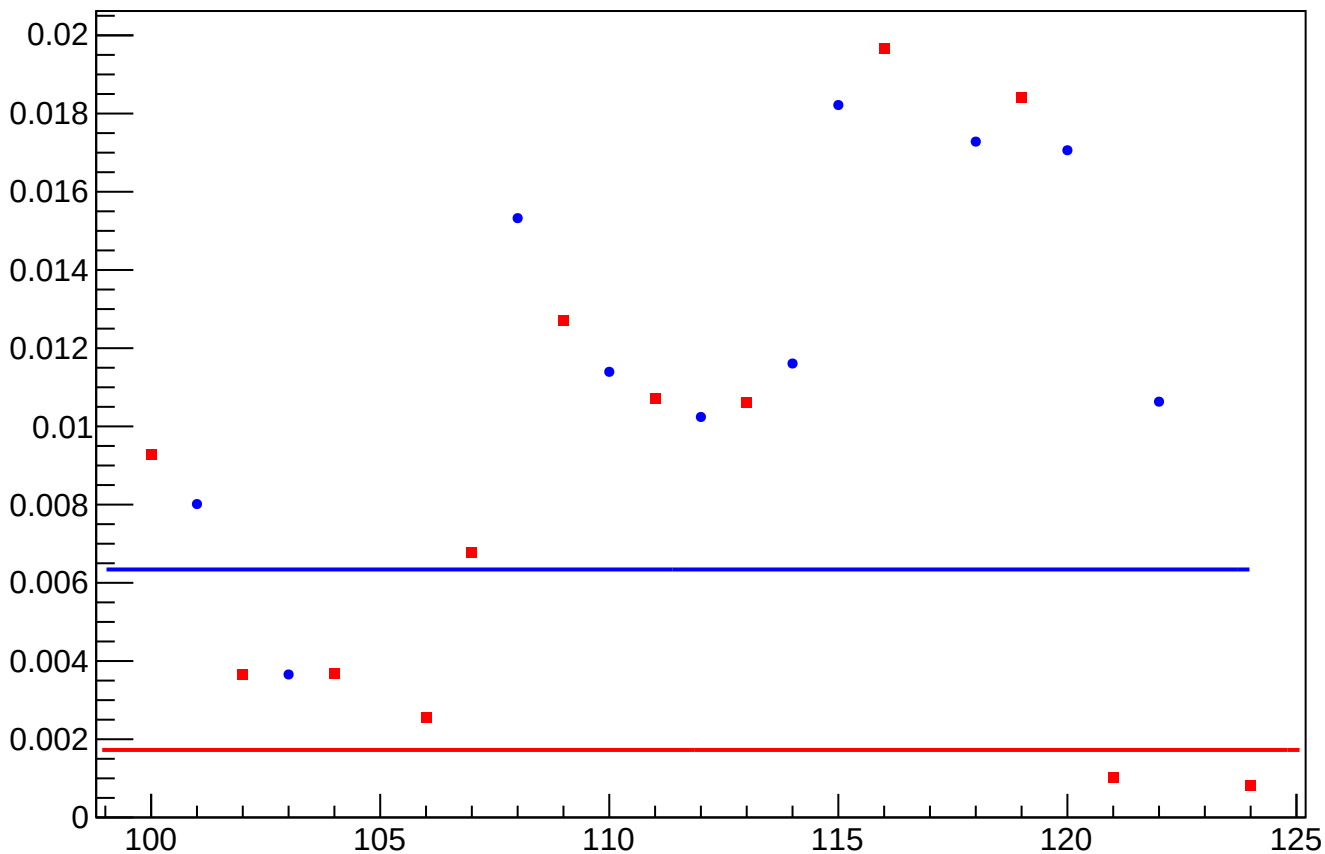
Right: -0.000+/-0.000 χ^2/NDF : 25.7/21

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 : 25.7/21

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2276608.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5165608.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

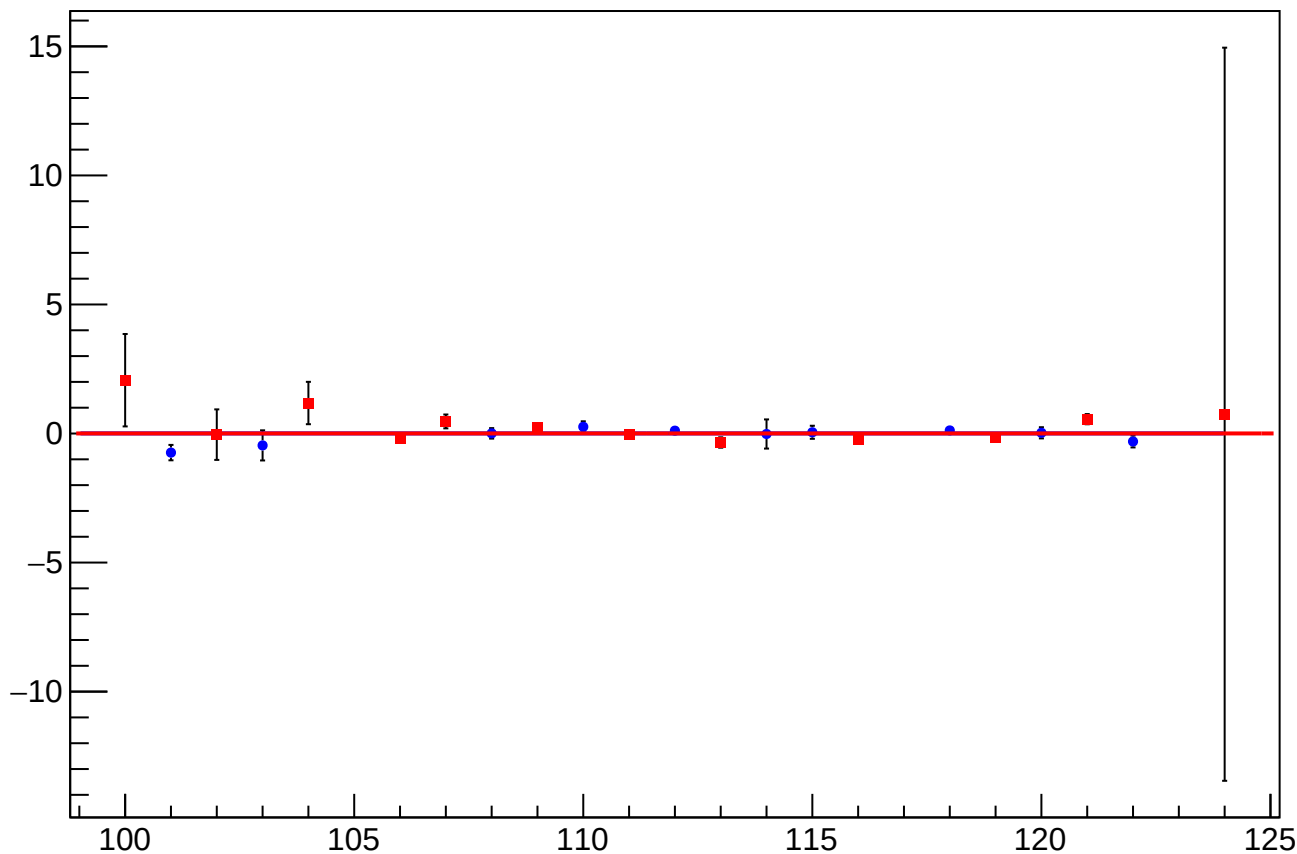
Right: 0.002+/-0.000 χ^2/NDF : 10178893.5/21

In: 0.006+/-0.000 χ^2/NDF :2276608.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10178893.5/21

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.071 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.062 χ^2/NDF : 23.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

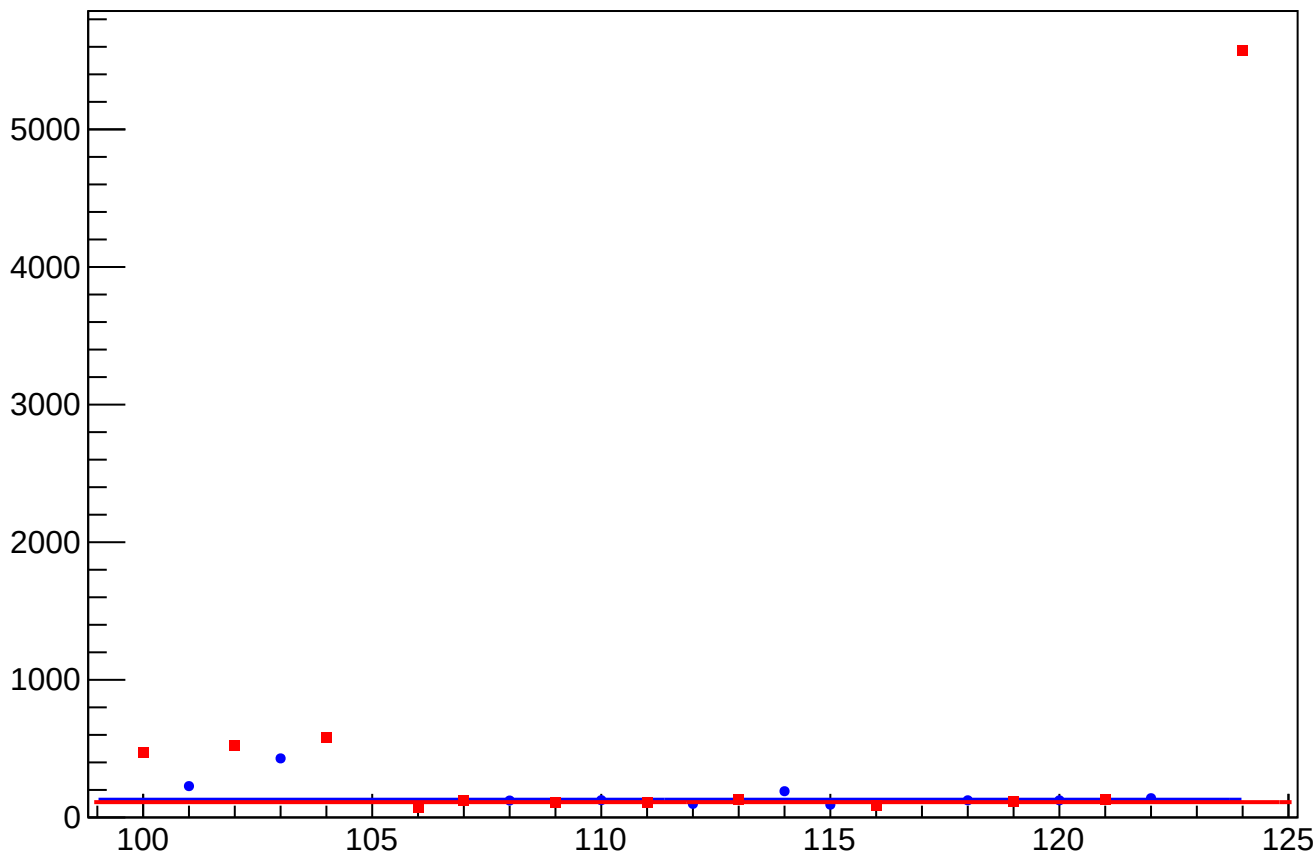
Right: 0.004+/-0.047 χ^2/NDF : 34.9/21

In: 0.004+/-0.071 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.047 χ^2/NDF : 34.9/21

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.923+/-0.050 χ^2/NDF : 905414.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.286+/-0.044 χ^2/NDF : 1610519.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

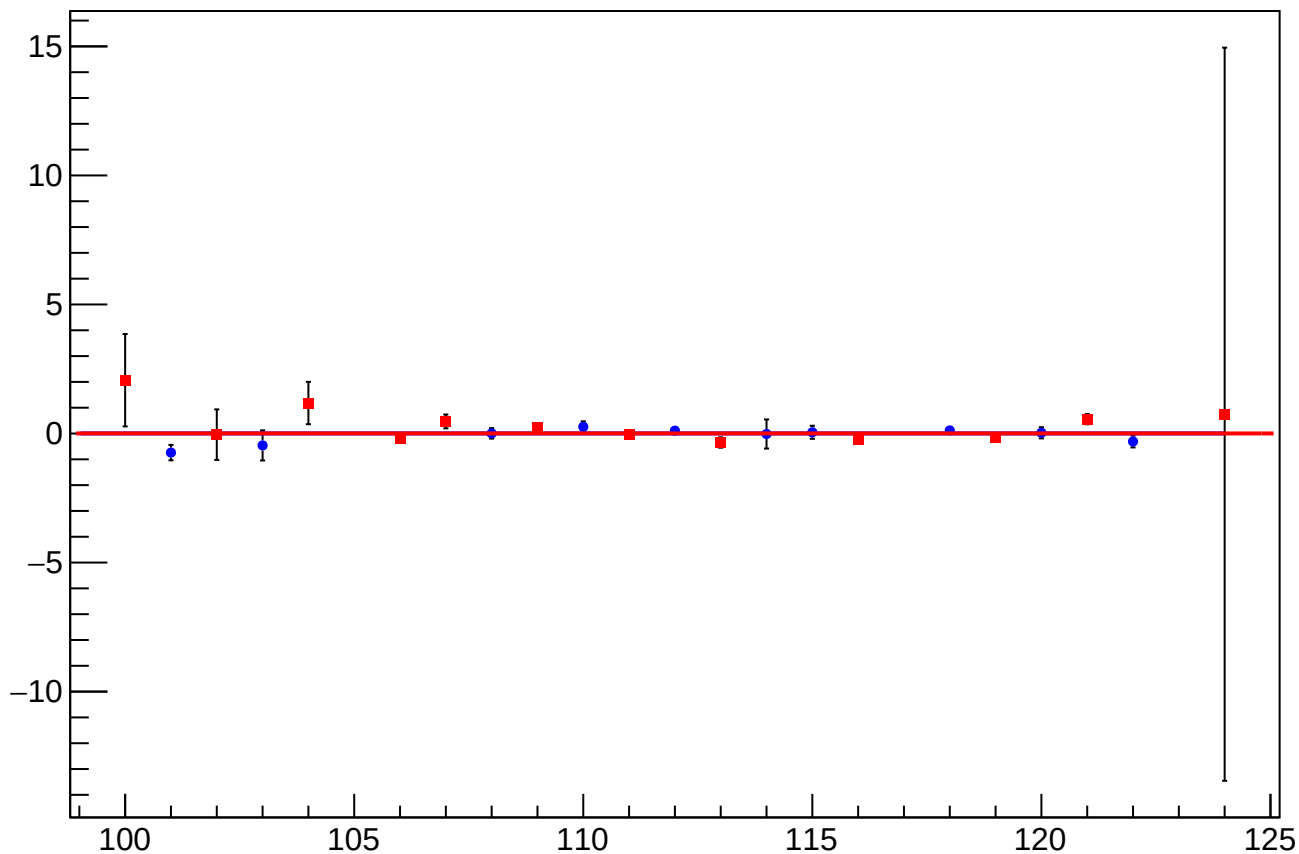
Right: 118.985+/-0.033 χ^2/NDF : 2585783.6/21

In: 128.923+/-0.050 χ^2/NDF : 905414.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.985+/-0.033 χ^2/NDF : 2585783.6/21

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.071 χ^2 /NDF: 11.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.062 χ^2 /NDF: 23.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

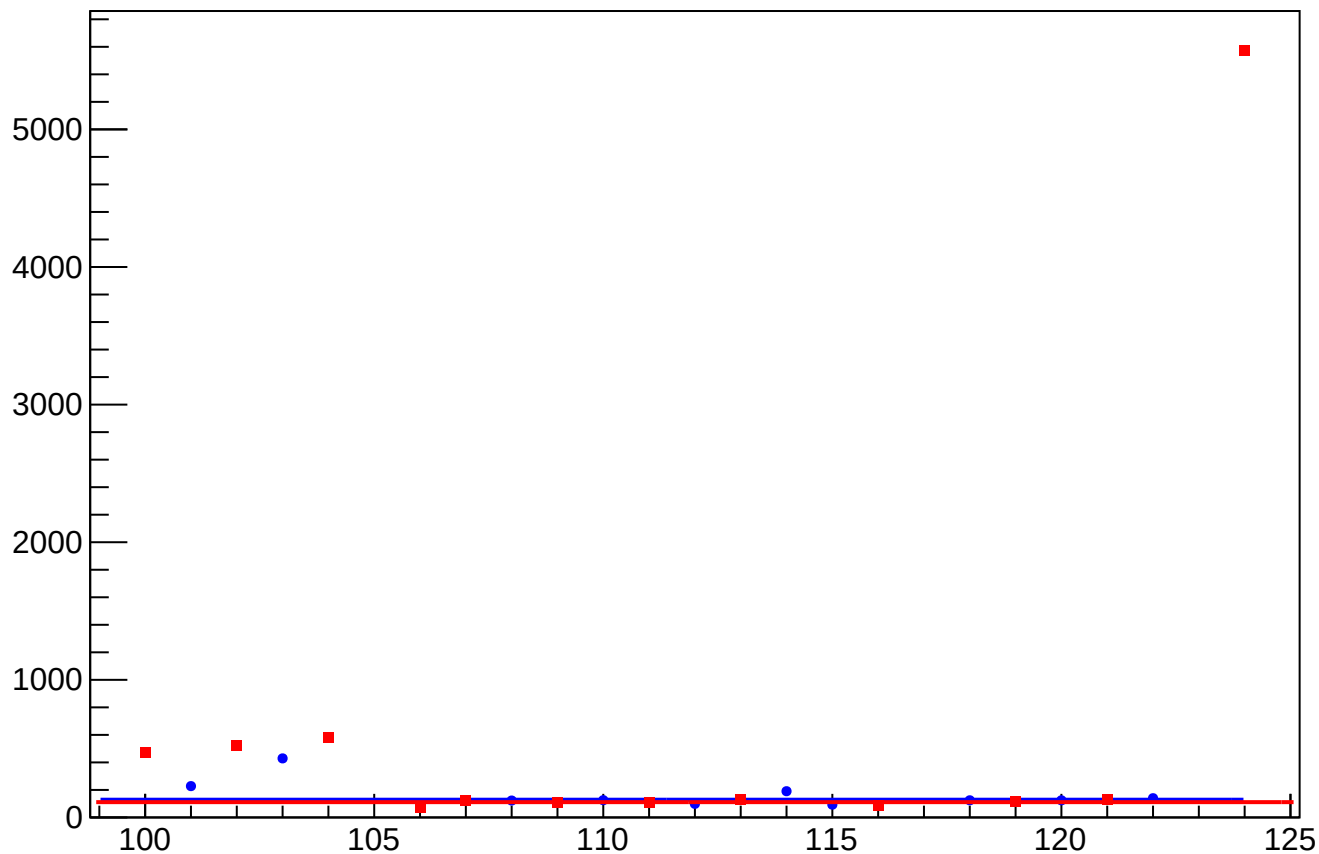
Right: 0.004 $\pm$ 0.047 χ^2 /NDF: 34.9/21

In: 0.004 $\pm$ 0.071 χ^2 /NDF:11.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.047 χ^2 /NDF: 34.9/21

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.923+/-0.050 χ^2/NDF : 905414.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.286+/-0.044 χ^2/NDF : 1610519.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

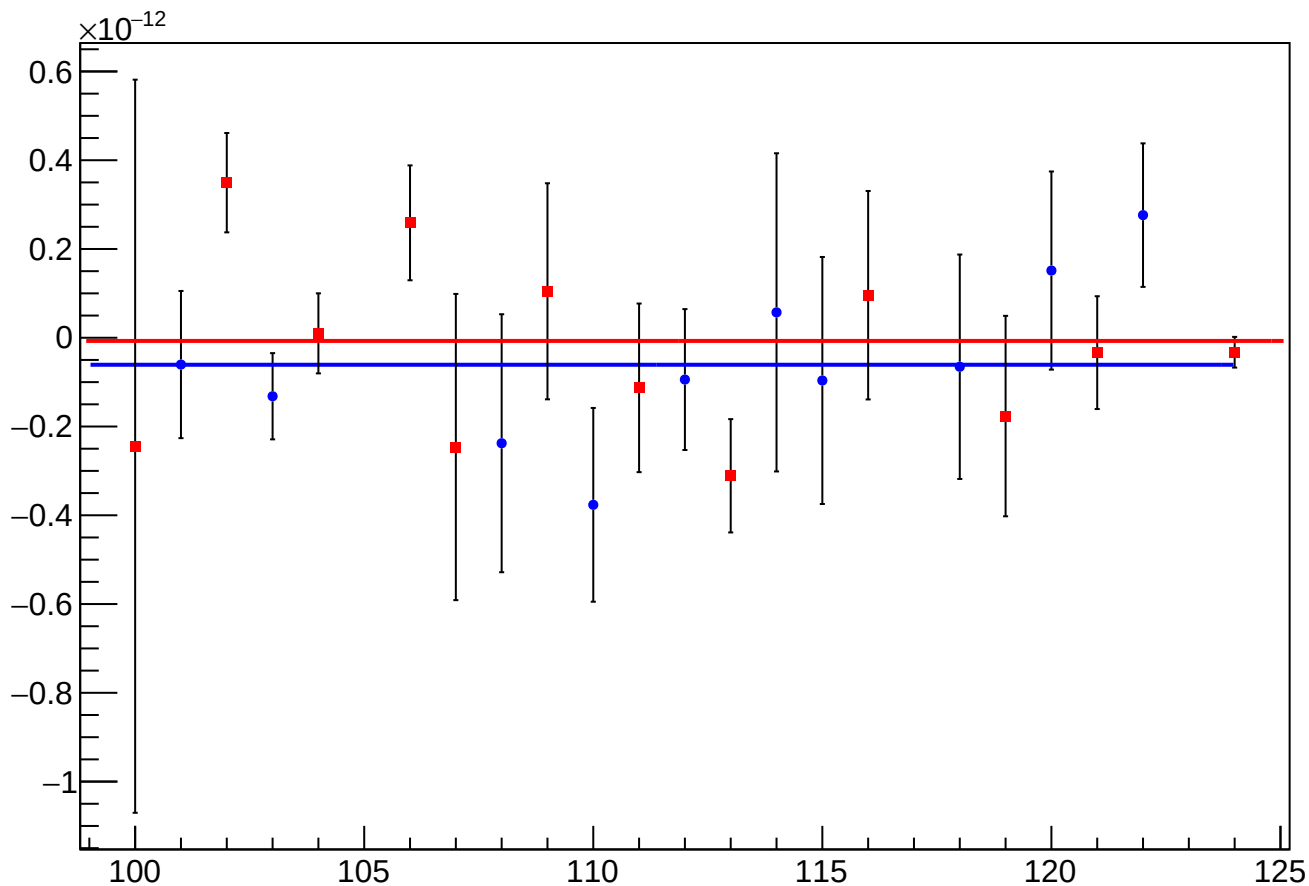
Right: 118.985+/-0.033 χ^2/NDF : 2585783.6/21

In: 128.923+/-0.050 χ^2/NDF : 905414.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.985+/-0.033 χ^2/NDF : 2585783.6/21

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

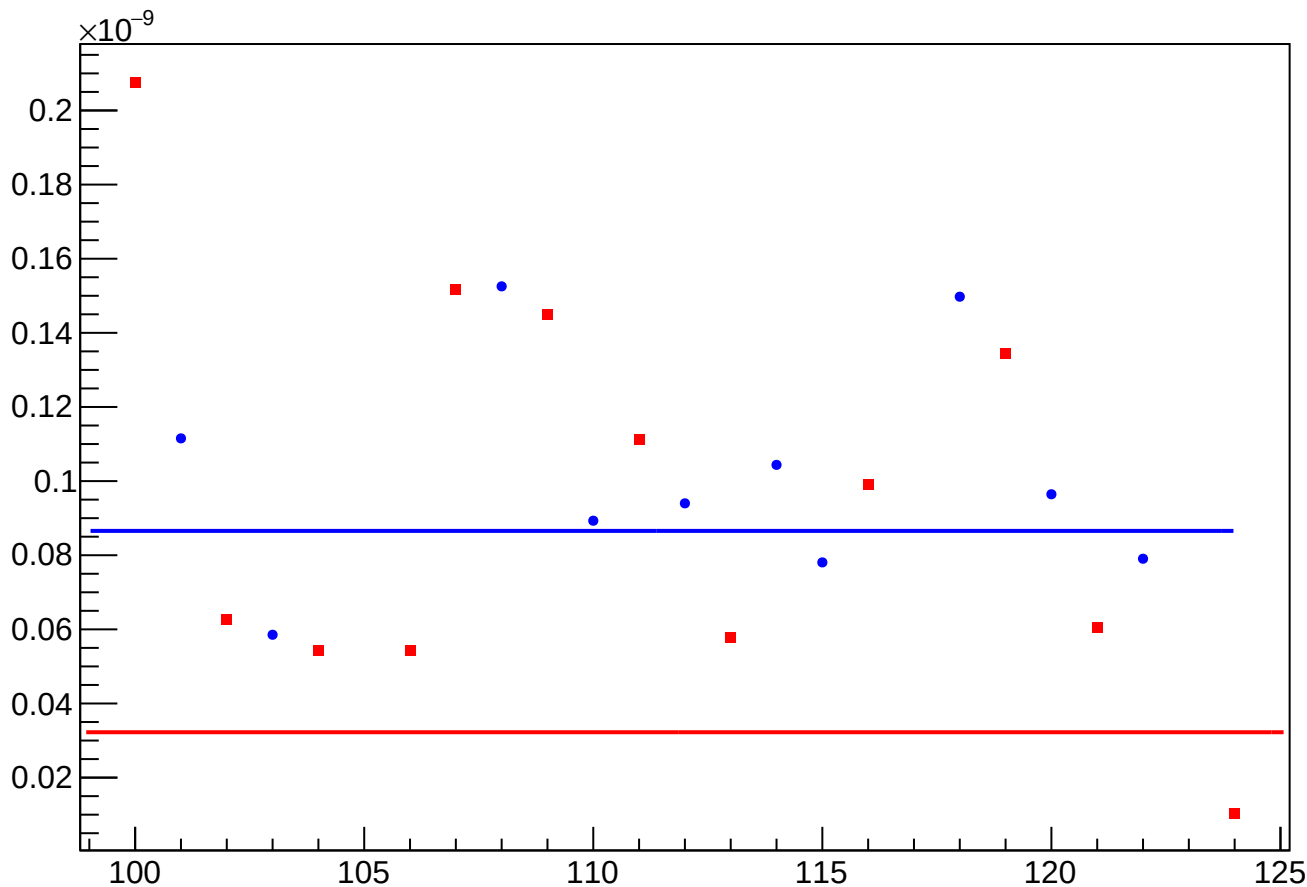
Right: -0.000+/-0.000 χ^2/NDF : 31.6/21

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 : 31.6/21

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 459540.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2992760.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

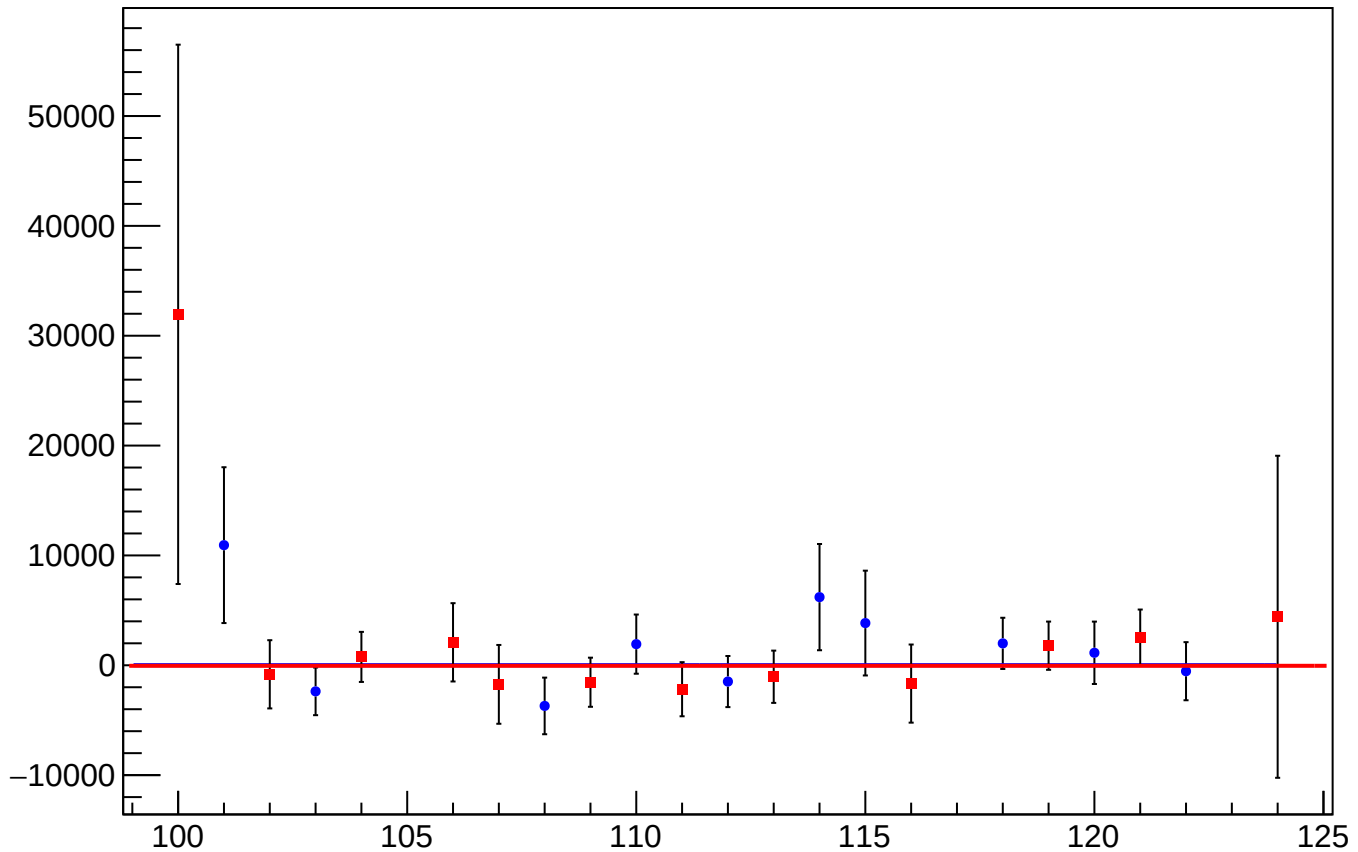
Right: 0.000+/-0.000 χ^2/NDF : 4930557.4/21

In: 0.000+/-0.000 χ^2/NDF : 459540.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4930557.4/21

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 9.636+/-896.775 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.710+/-833.557 χ^2/NDF : 5.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

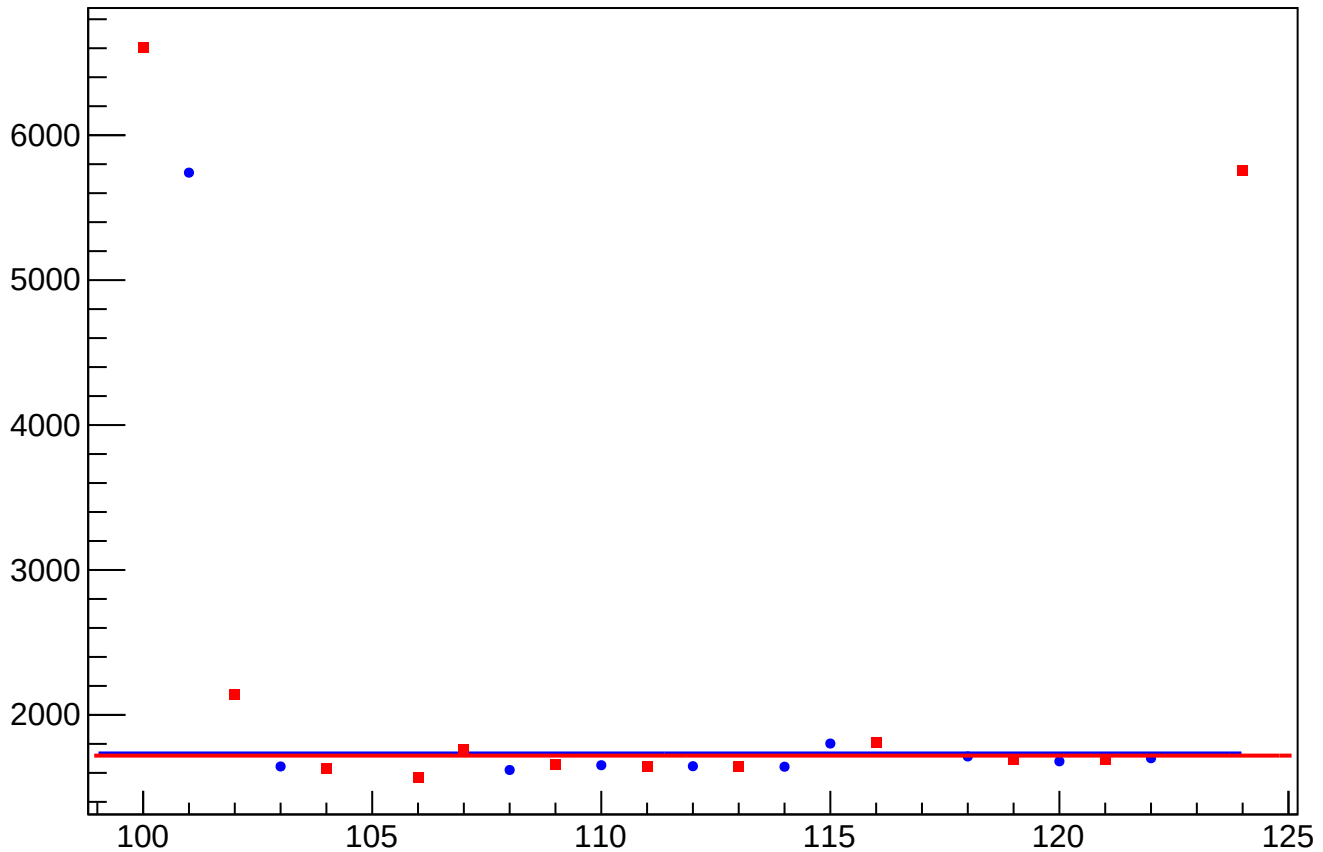
Right: -21.129+/-610.541 χ^2/NDF : 15.6/21

In: 9.636+/-896.775 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.129+/-610.541 χ^2/NDF : 15.6/21

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1733.902+/-0.634 χ^2/NDF : 652818.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.175+/-0.582 χ^2/NDF : 283600.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

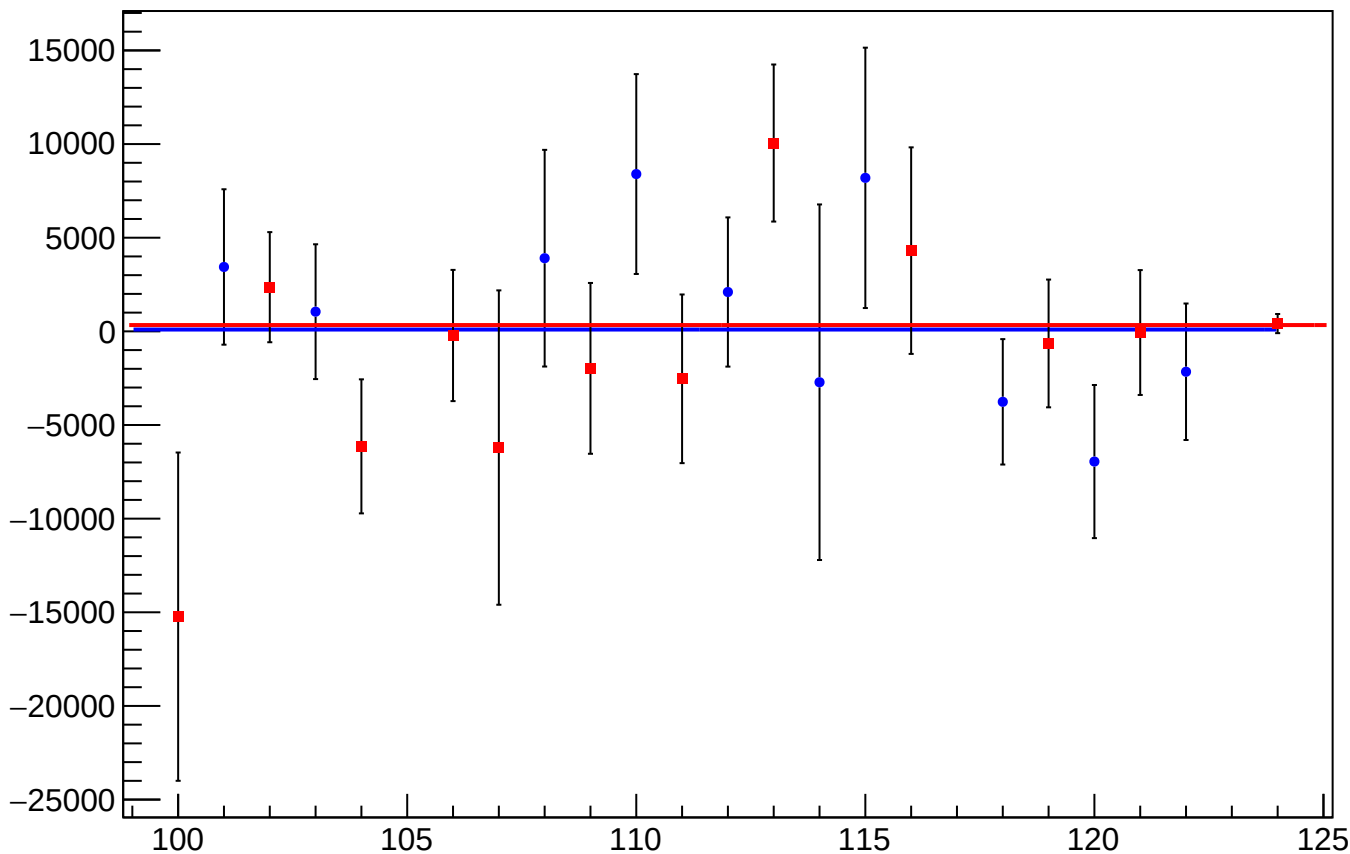
Right: 1725.914+/-0.429 χ^2/NDF : 936711.6/21

In: 1733.902+/-0.634 χ^2/NDF : 652818.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.914+/-0.429 χ^2/NDF : 936711.6/21

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 96.924+/-1387.440 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.310+/-472.072 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

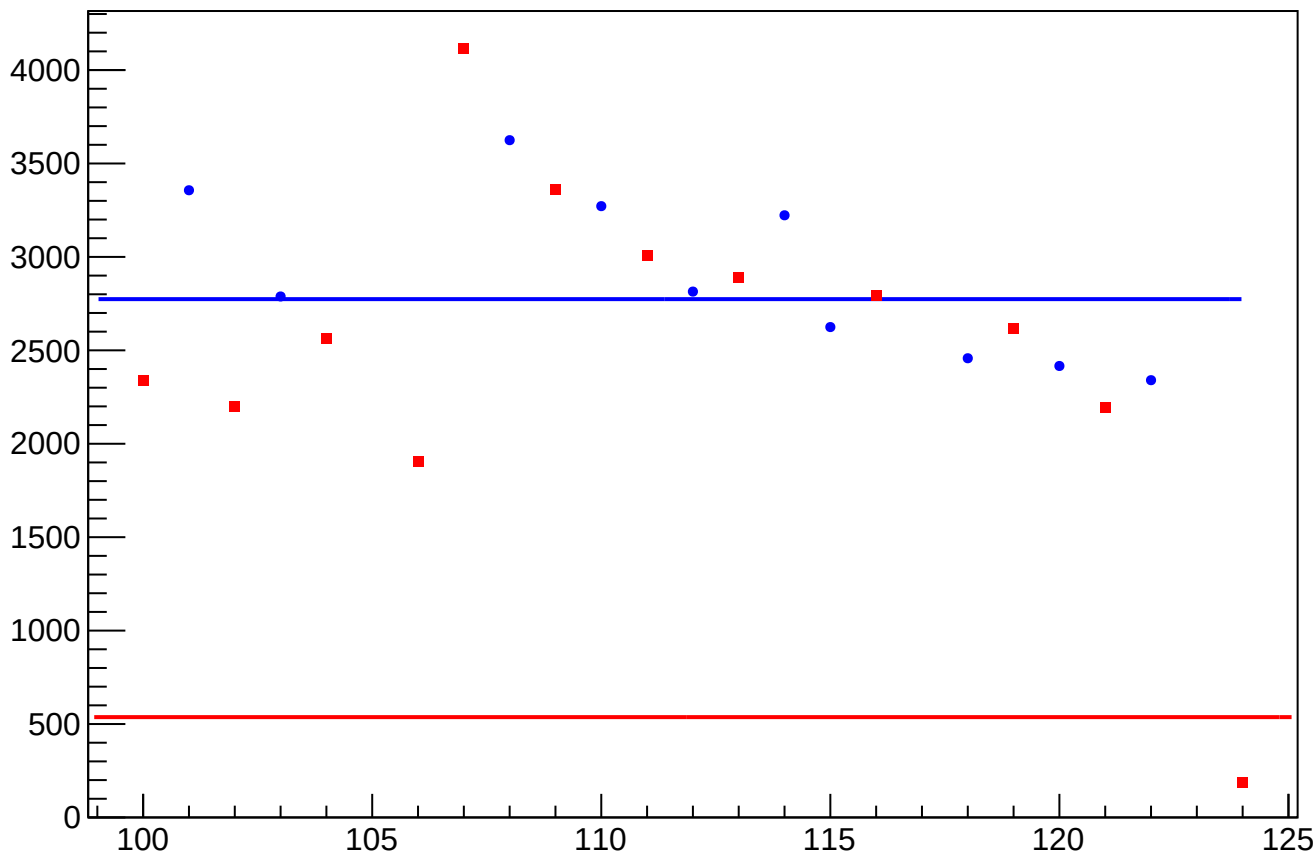
Right: 311.472+/-446.911 χ^2/NDF : 24.2/21

In: 96.924+/-1387.440 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.472+/-446.911 χ^2/NDF : 24.2/21

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2774.027+/-0.981 χ^2/NDF : 167261.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 536.951+/-0.334 χ^2/NDF : 6530803.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

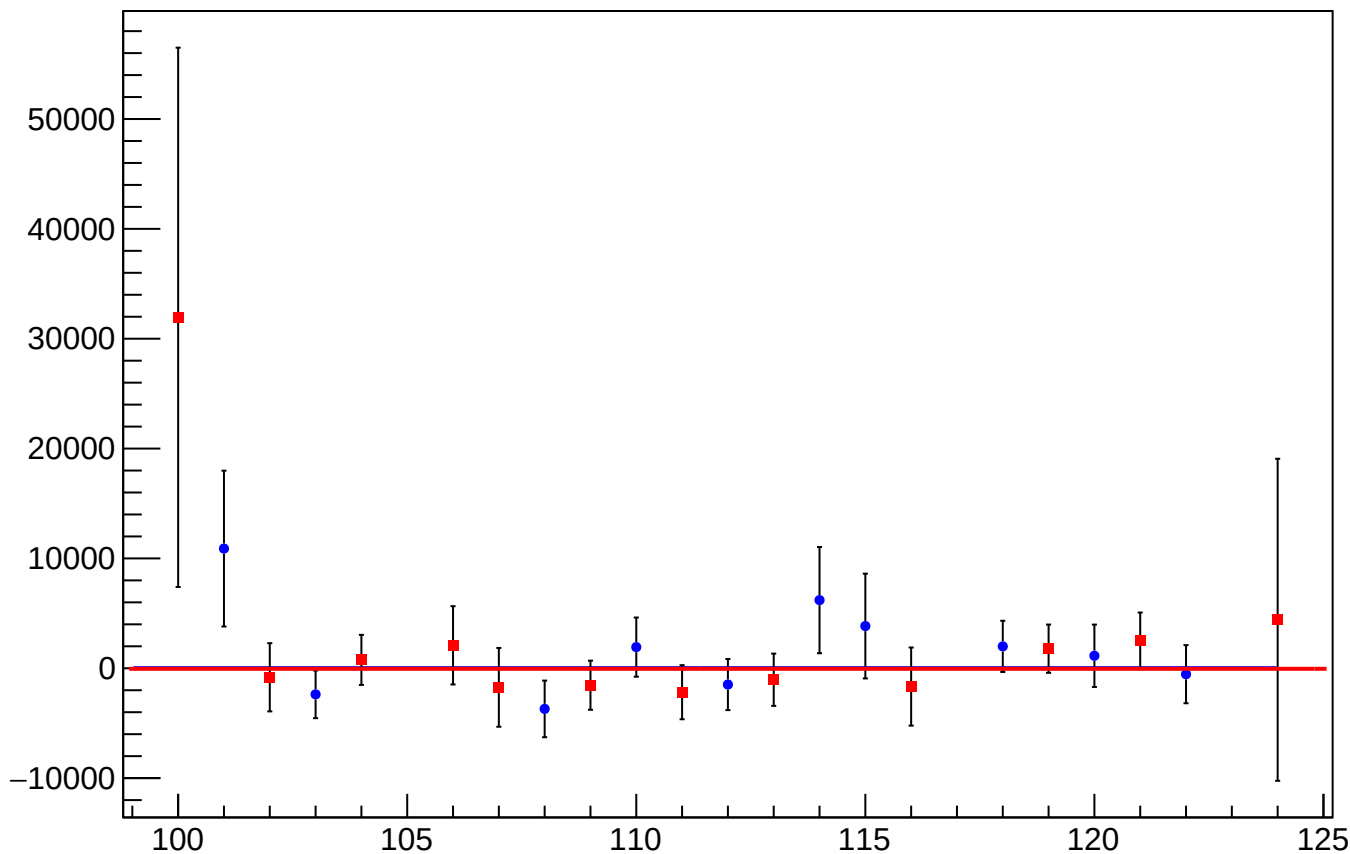
Right: 769.061+/-0.316 χ^2/NDF : 11358101.0/21

In: 2774.027+/-0.981 χ^2/NDF : 167261.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.061+/-0.316 χ^2/NDF : 11358101.0/21

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 8.851+/-896.775 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.607+/-833.557 χ^2/NDF : 5.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

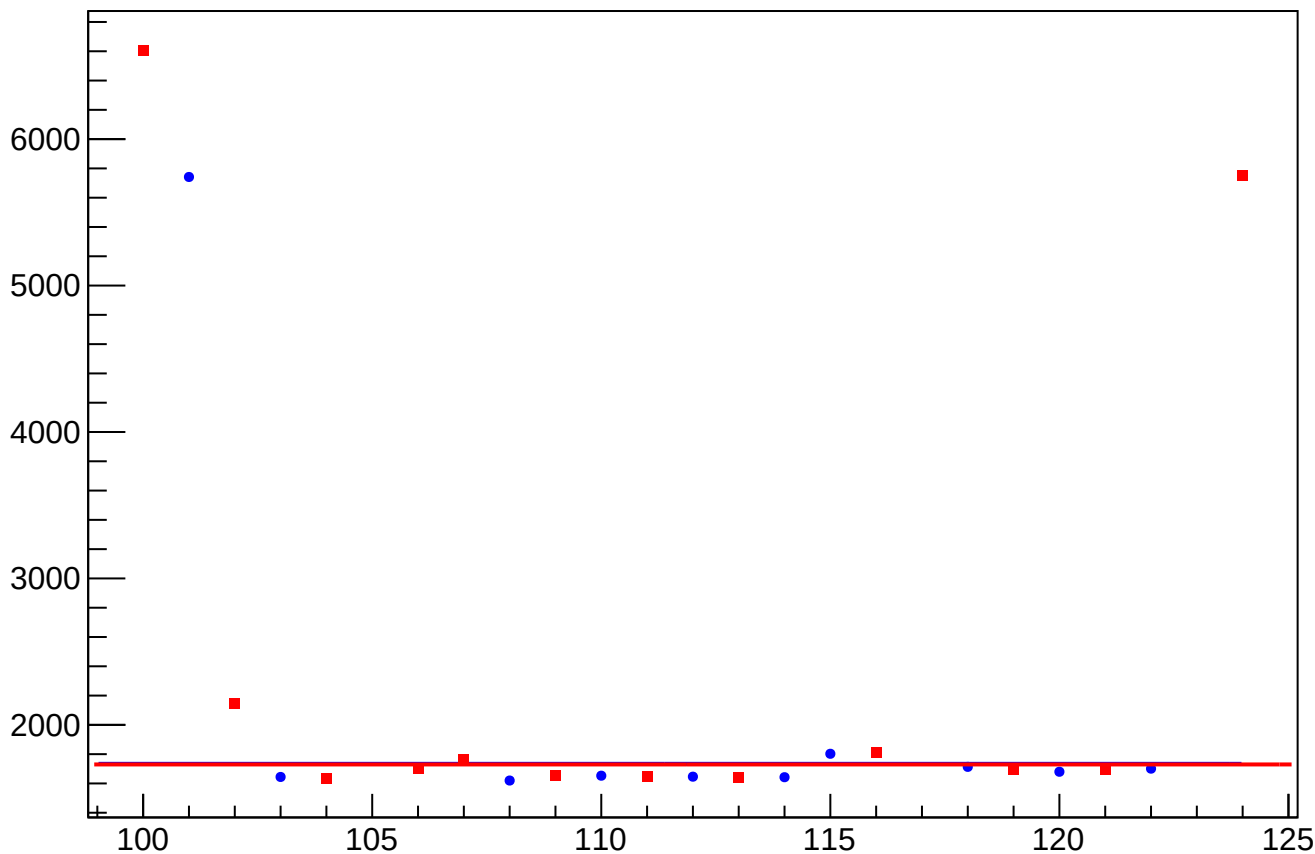
Right: -21.438+/-610.541 χ^2/NDF : 15.6/21

In: 8.851+/-896.775 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.438+/-610.541 χ^2/NDF : 15.6/21

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1733.901+/-0.634 χ^2/NDF : 652819.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1729.733+/-0.586 χ^2/NDF : 278172.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

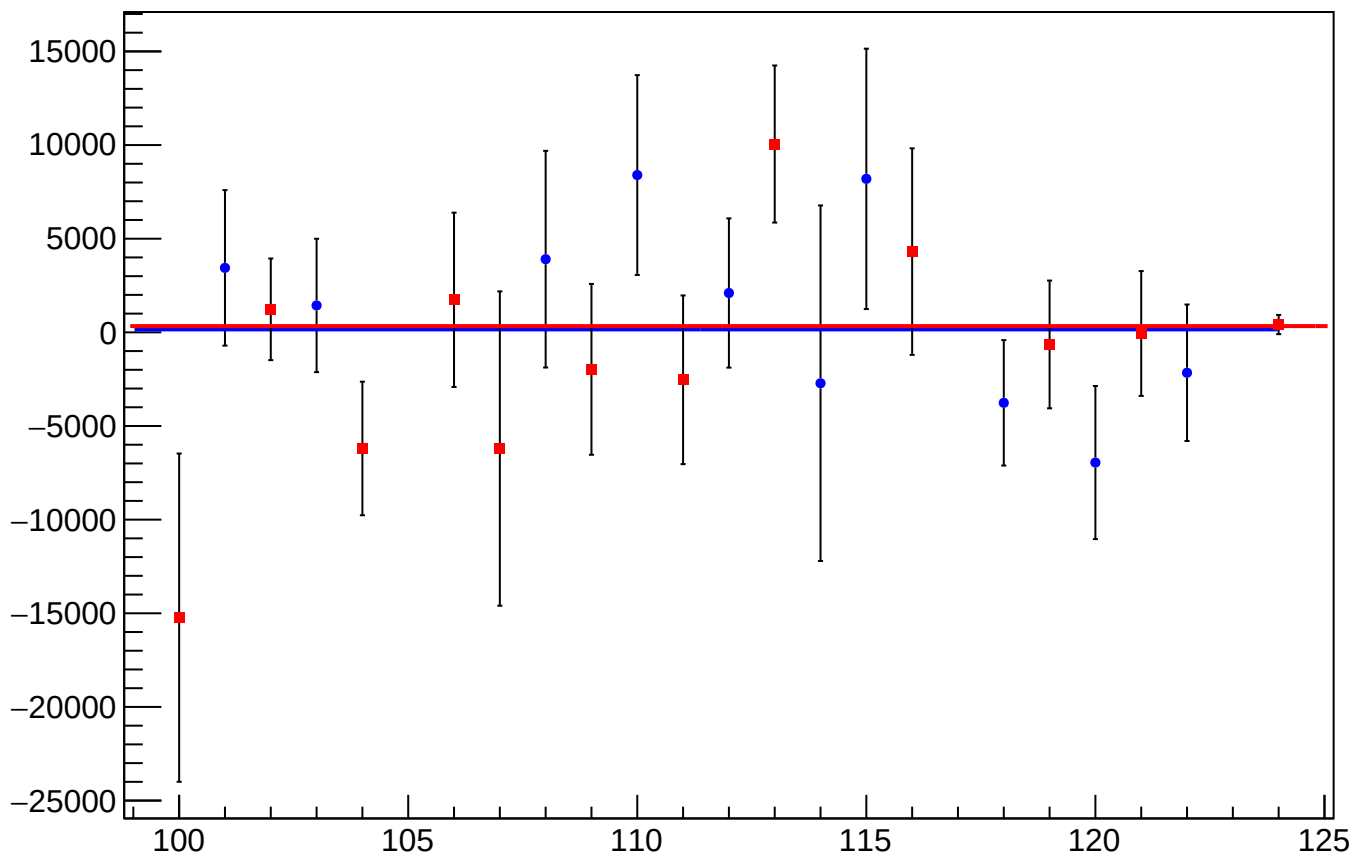
Right: 1731.652+/-0.430 χ^2/NDF : 931014.8/21

In: 1733.901+/-0.634 χ^2/NDF : 652819.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.652+/-0.430 χ^2/NDF : 931014.8/21

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 158.299+/-1385.365 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.798+/-473.073 χ^2/NDF : 14.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

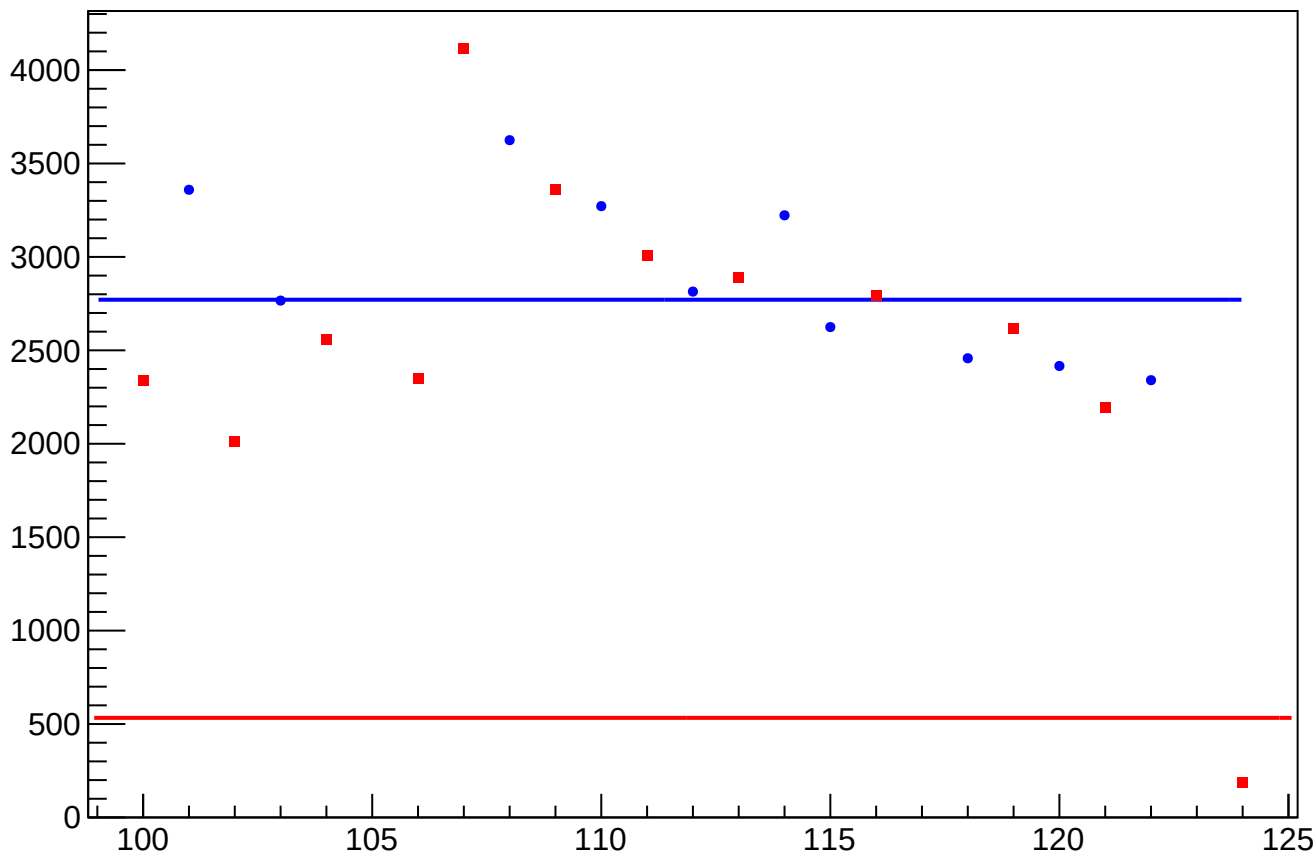
Right: 315.470+/-447.691 χ^2/NDF : 24.0/21

In: 158.299+/-1385.365 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.470+/-447.691 χ^2/NDF : 24.0/21

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2770.927+/-0.980 χ^2/NDF : 167527.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.053+/-0.335 χ^2/NDF : 6477960.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

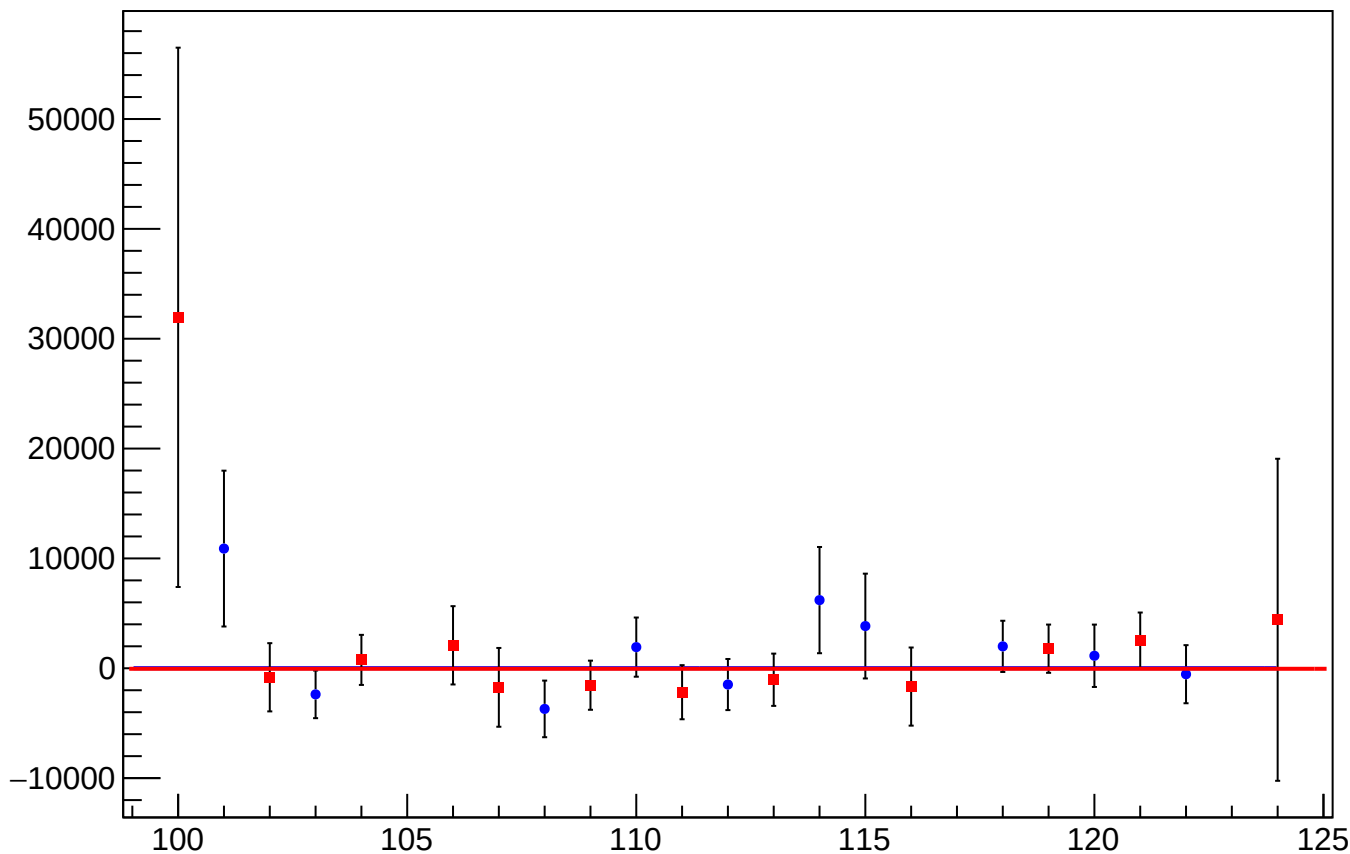
Right: 766.756+/-0.317 χ^2/NDF : 11319305.1/21

In: 2770.927+/-0.980 χ^2/NDF : 167527.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.756+/-0.317 χ^2/NDF : 11319305.1/21

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 8.851+/-896.775 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.607+/-833.557 χ^2/NDF : 5.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

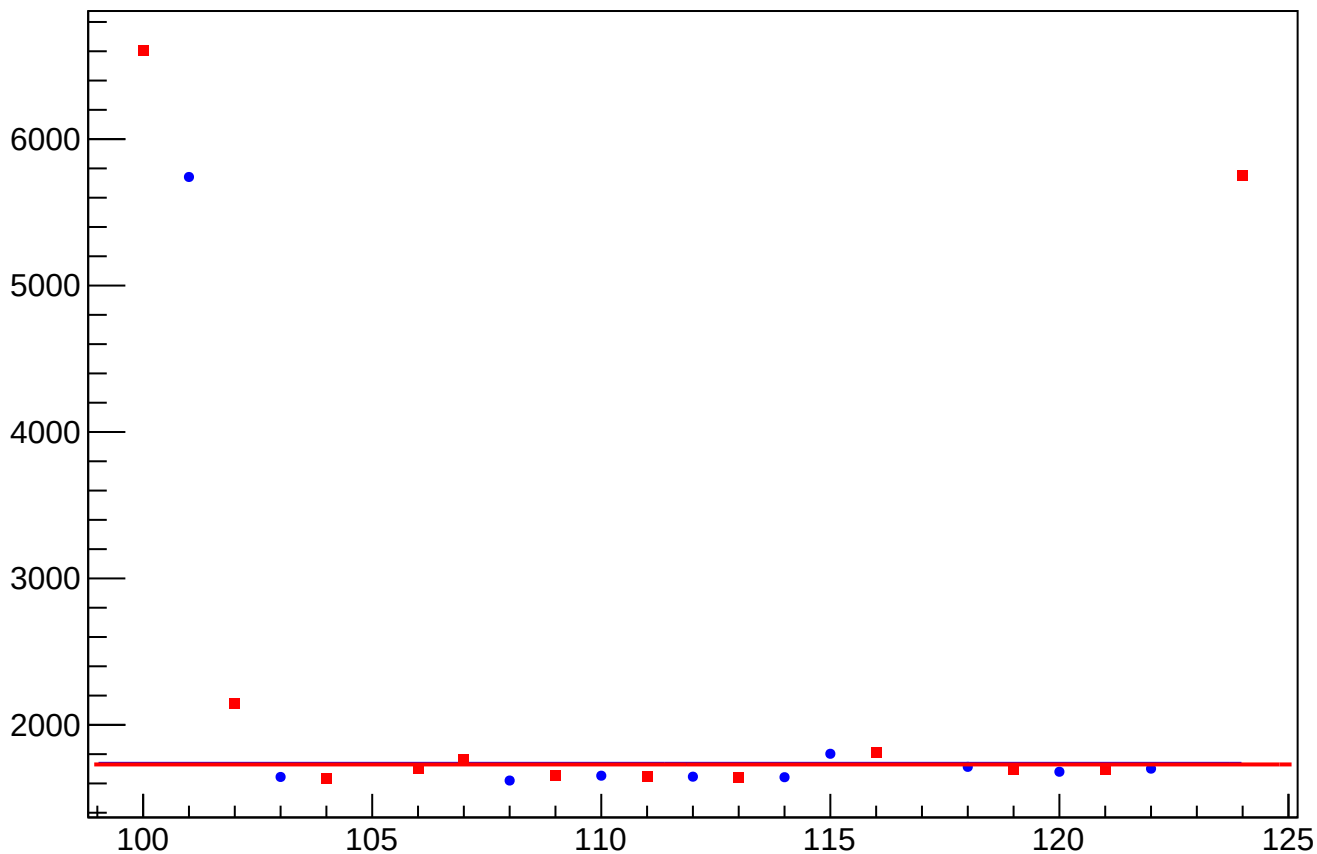
Right: -21.438+/-610.541 χ^2/NDF : 15.6/21

In: 8.851+/-896.775 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.438+/-610.541 χ^2/NDF : 15.6/21

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1733.901+/-0.634 χ^2/NDF : 652819.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1729.733+/-0.586 χ^2/NDF : 278172.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

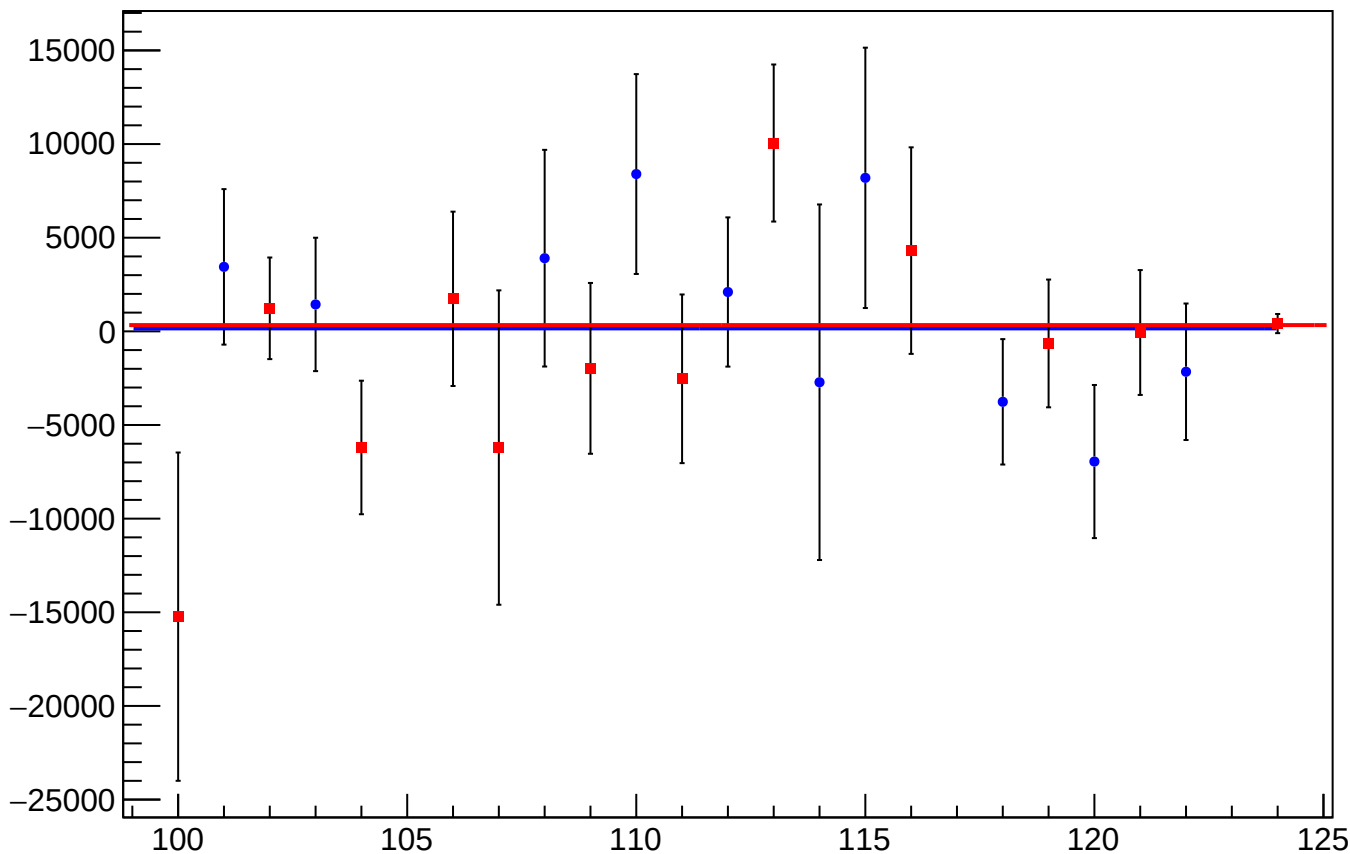
Right: 1731.652+/-0.430 χ^2/NDF : 931014.8/21

In: 1733.901+/-0.634 χ^2/NDF : 652819.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.652+/-0.430 χ^2/NDF : 931014.8/21

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 158.299+/-1385.365 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.798+/-473.073 χ^2/NDF : 14.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

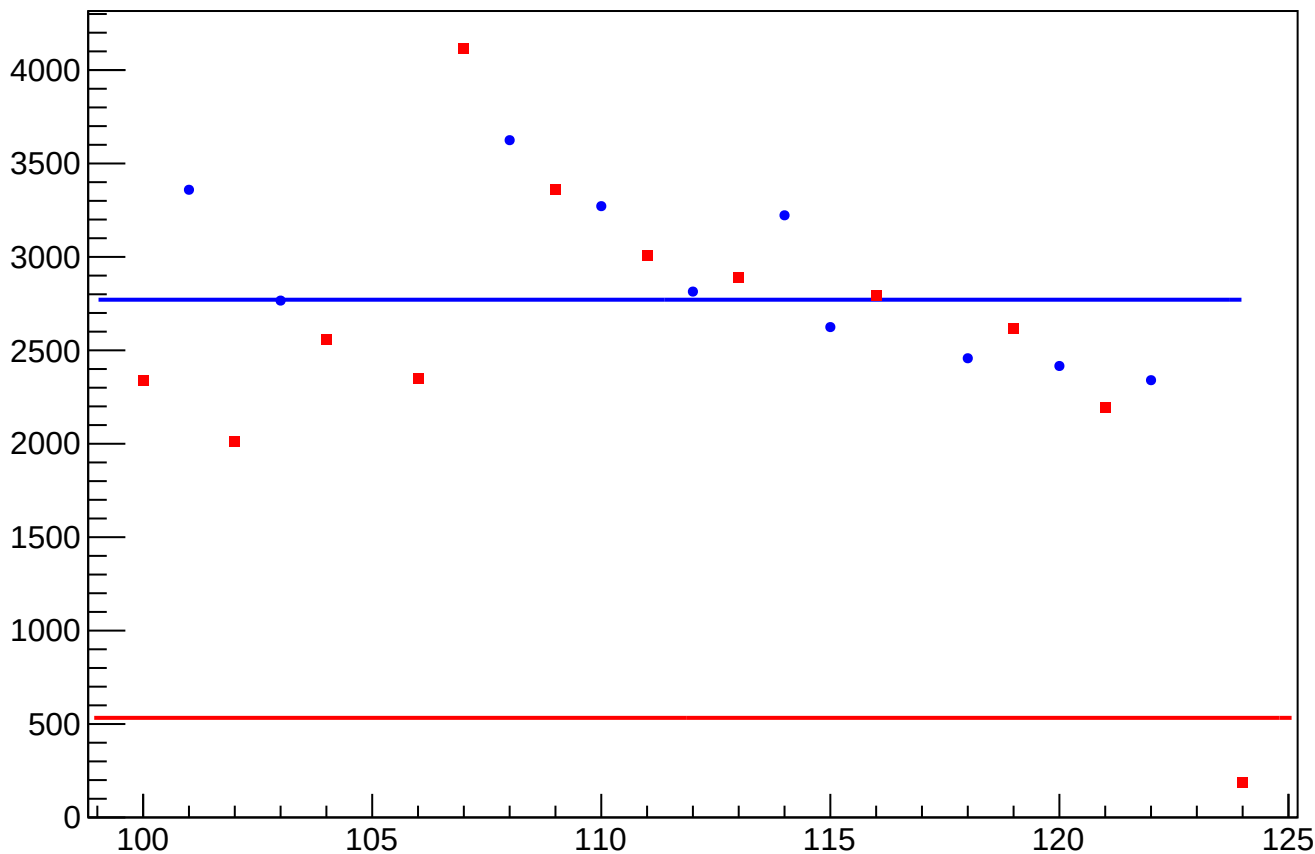
Right: 315.470+/-447.691 χ^2/NDF : 24.0/21

In: 158.299+/-1385.365 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.470+/-447.691 χ^2/NDF : 24.0/21

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2770.927 $\pm$ 0.980 χ^2 /NDF: 167527.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 533.053 $\pm$ 0.335 χ^2 /NDF: 6477960.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

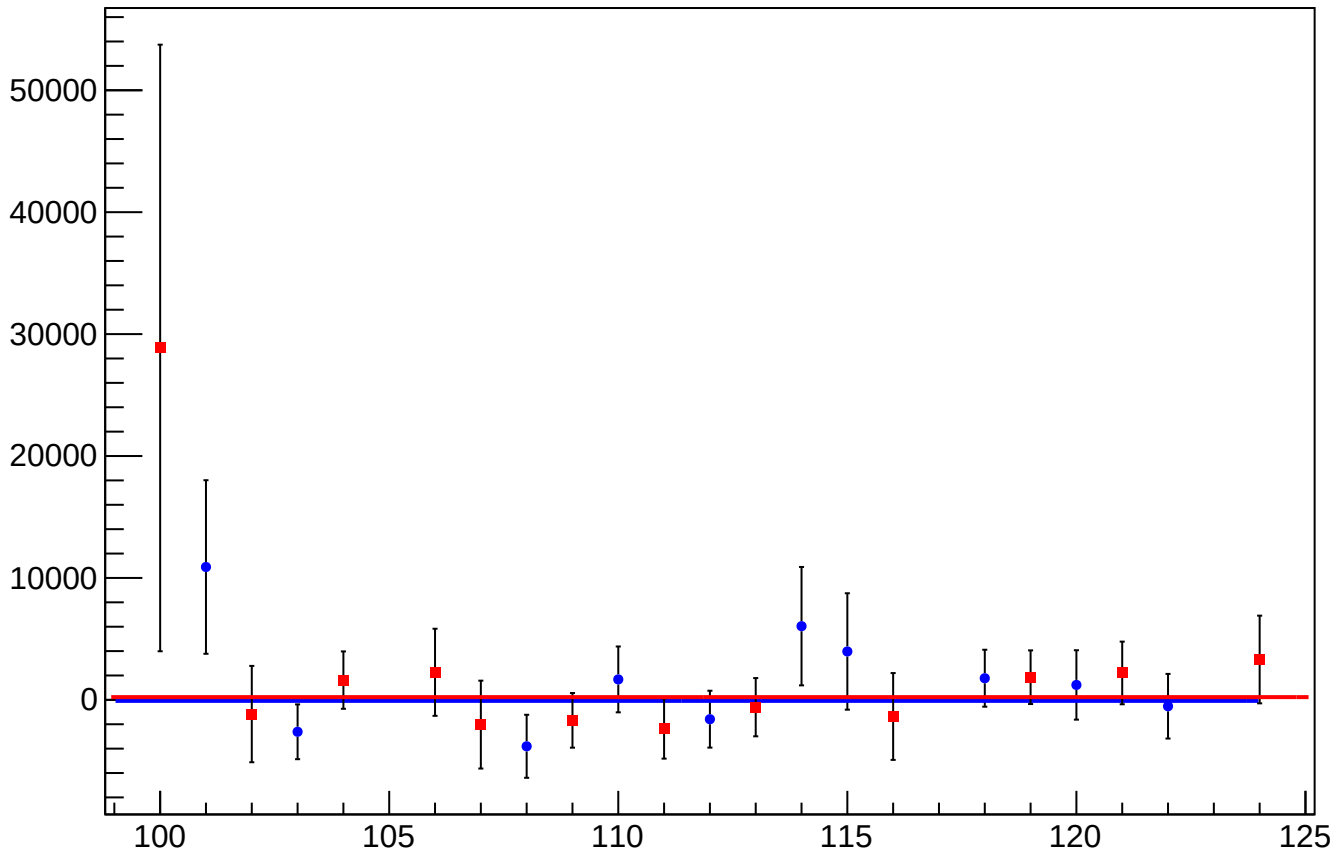
Right: 766.756 $\pm$ 0.317 χ^2 /NDF: 11319305.1/21

In: 2770.927 $\pm$ 0.980 χ^2 /NDF:167527.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 766.756 $\pm$ 0.317 χ^2 /NDF: 11319305.1/21

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -82.792 ± 904.040 χ^2/NDF : 9.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 224.638 ± 829.178 χ^2/NDF : 6.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

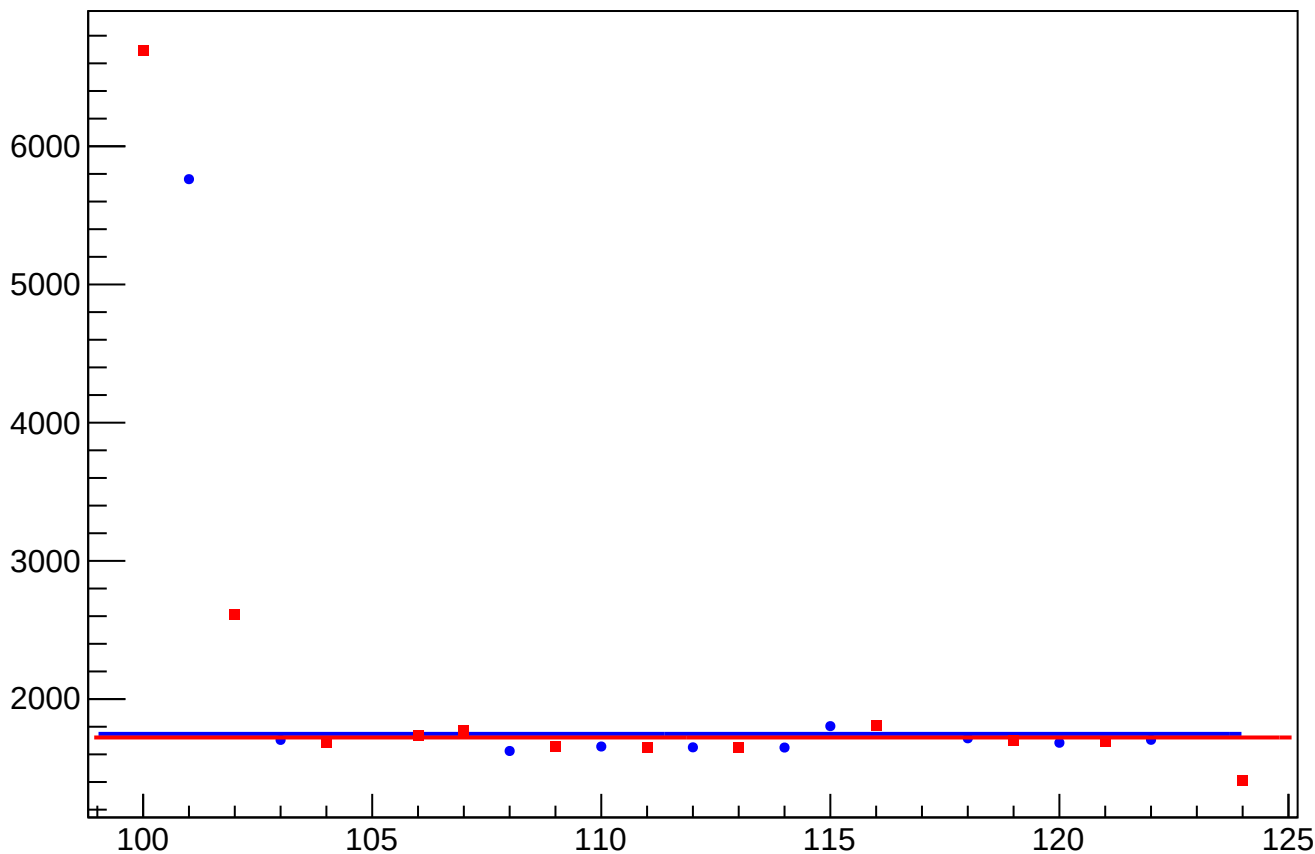
Right: 84.177 ± 611.072 χ^2/NDF : 16.3/21

In: -82.792 ± 904.040 χ^2/NDF : 9.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 84.177 ± 611.072 χ^2/NDF : 16.3/21

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1748.334+/-0.639 χ^2/NDF : 649975.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1722.208+/-0.584 χ^2/NDF : 204438.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

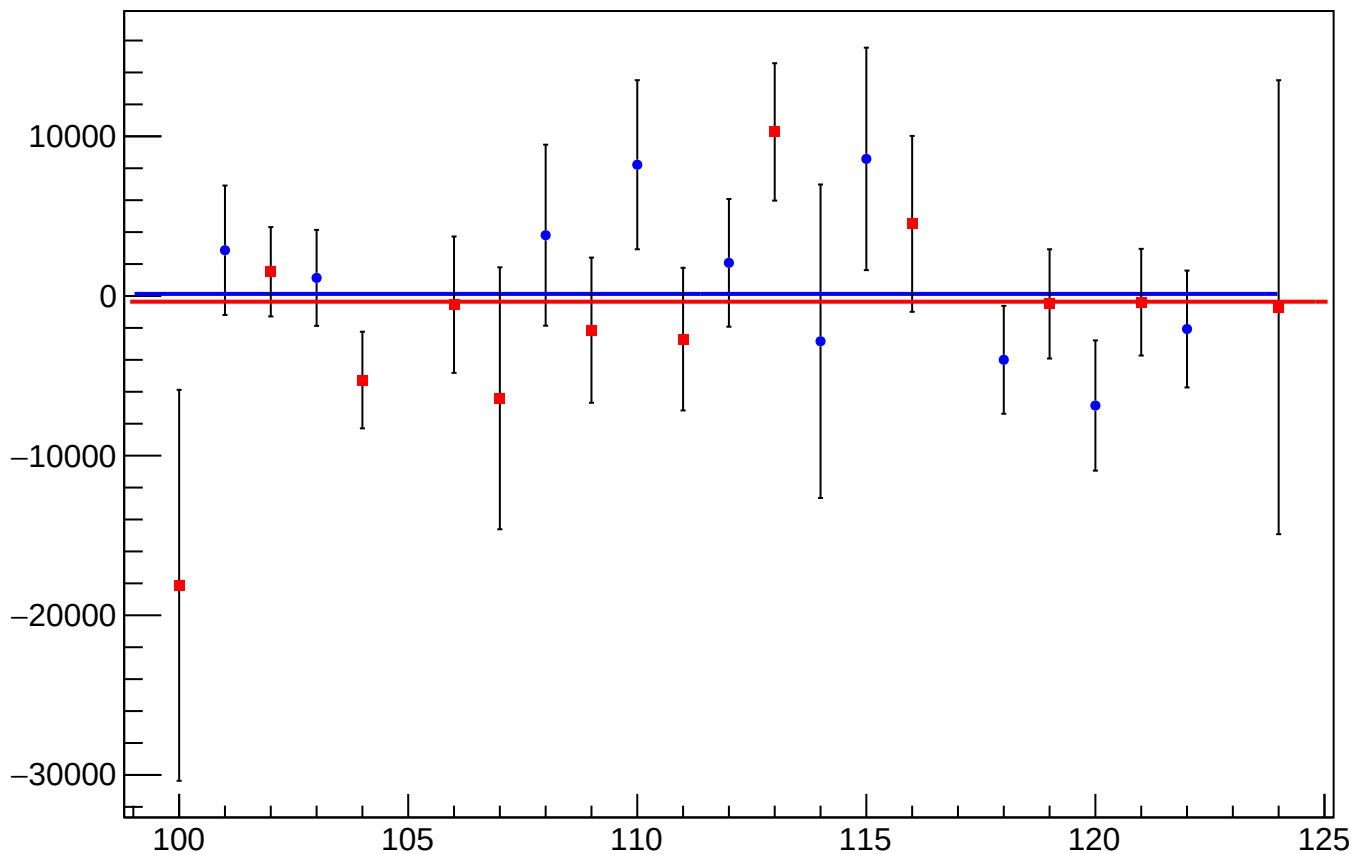
Right: 1734.085+/-0.431 χ^2/NDF : 855325.4/21

In: 1748.334+/-0.639 χ^2/NDF : 649975.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1734.085+/-0.431 χ^2/NDF : 855325.4/21

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 129.875 $\pm$ 1343.461 χ^2 /NDF: 9.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -358.073 $\pm$ 1213.809 χ^2 /NDF: 13.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

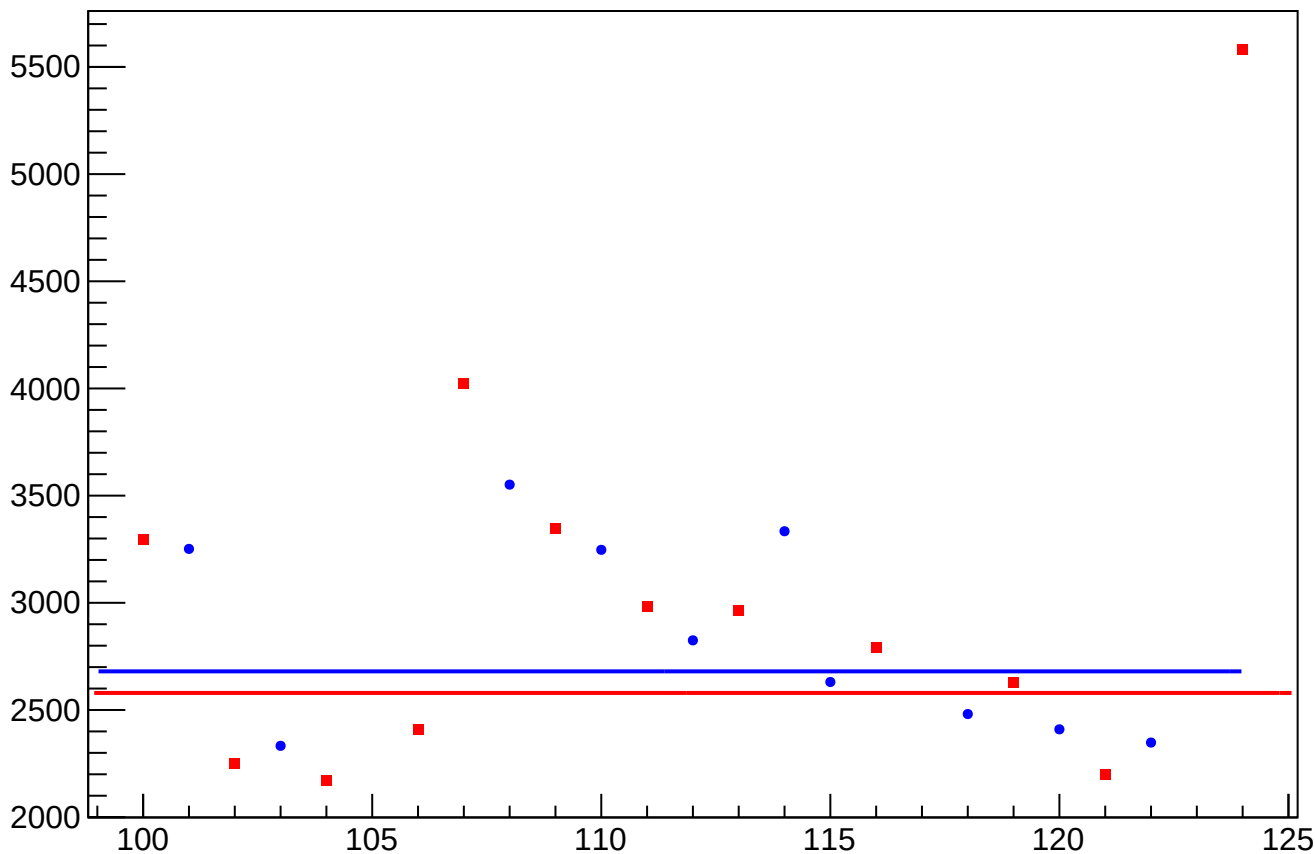
Right: -138.774 $\pm$ 900.651 χ^2 /NDF: 23.0/21

In: 129.875 $\pm$ 1343.461 χ^2 /NDF:9.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -138.774 $\pm$ 900.651 χ^2 /NDF: 23.0/21

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2680.179+/-0.950 χ^2/NDF : 180397.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2579.473+/-0.858 χ^2/NDF : 343984.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

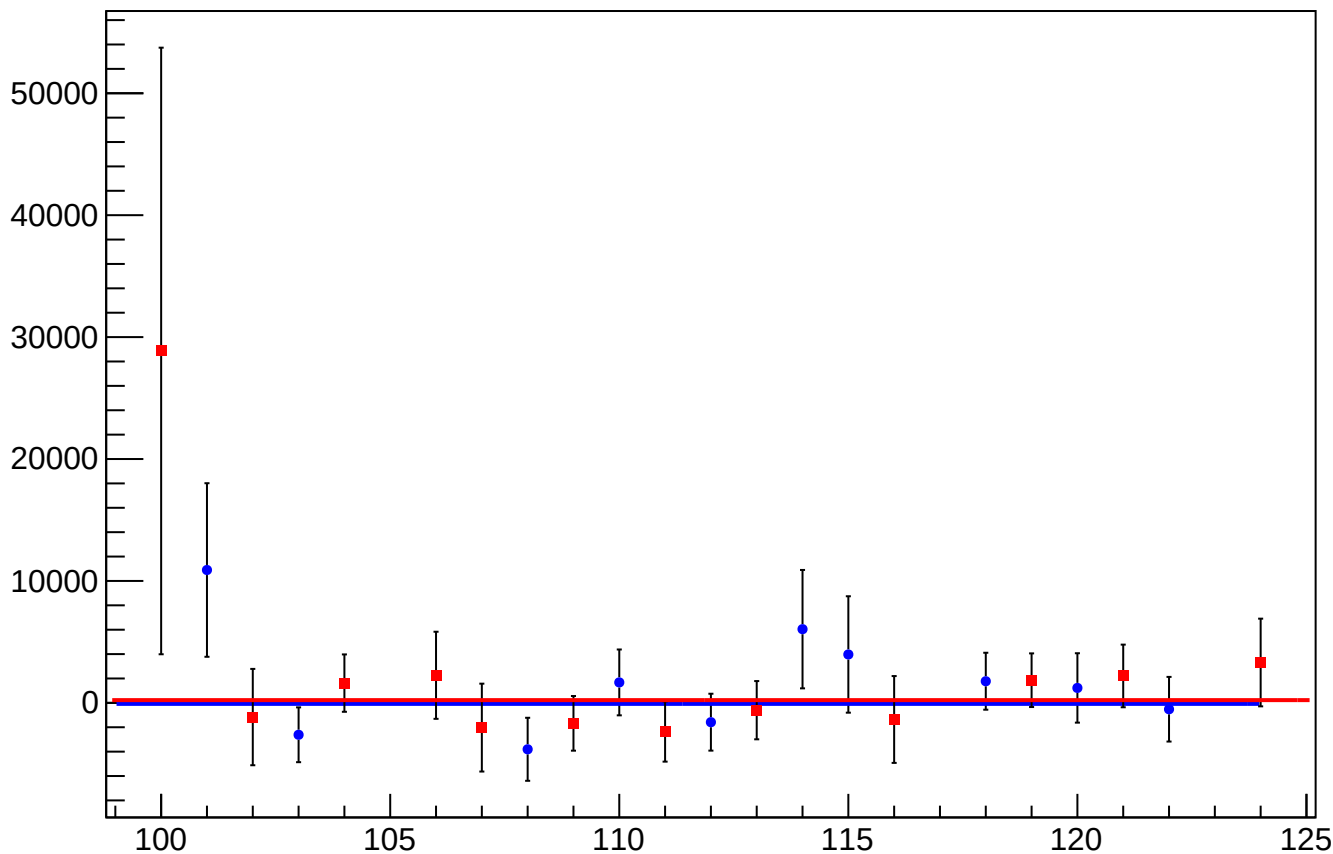
Right: 2624.734+/-0.637 χ^2/NDF : 530569.8/21

In: 2680.179+/-0.950 χ^2/NDF : 180397.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.734+/-0.637 χ^2/NDF : 530569.8/21

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -82.792+/-904.040 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.630+/-829.178 χ^2/NDF : 6.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

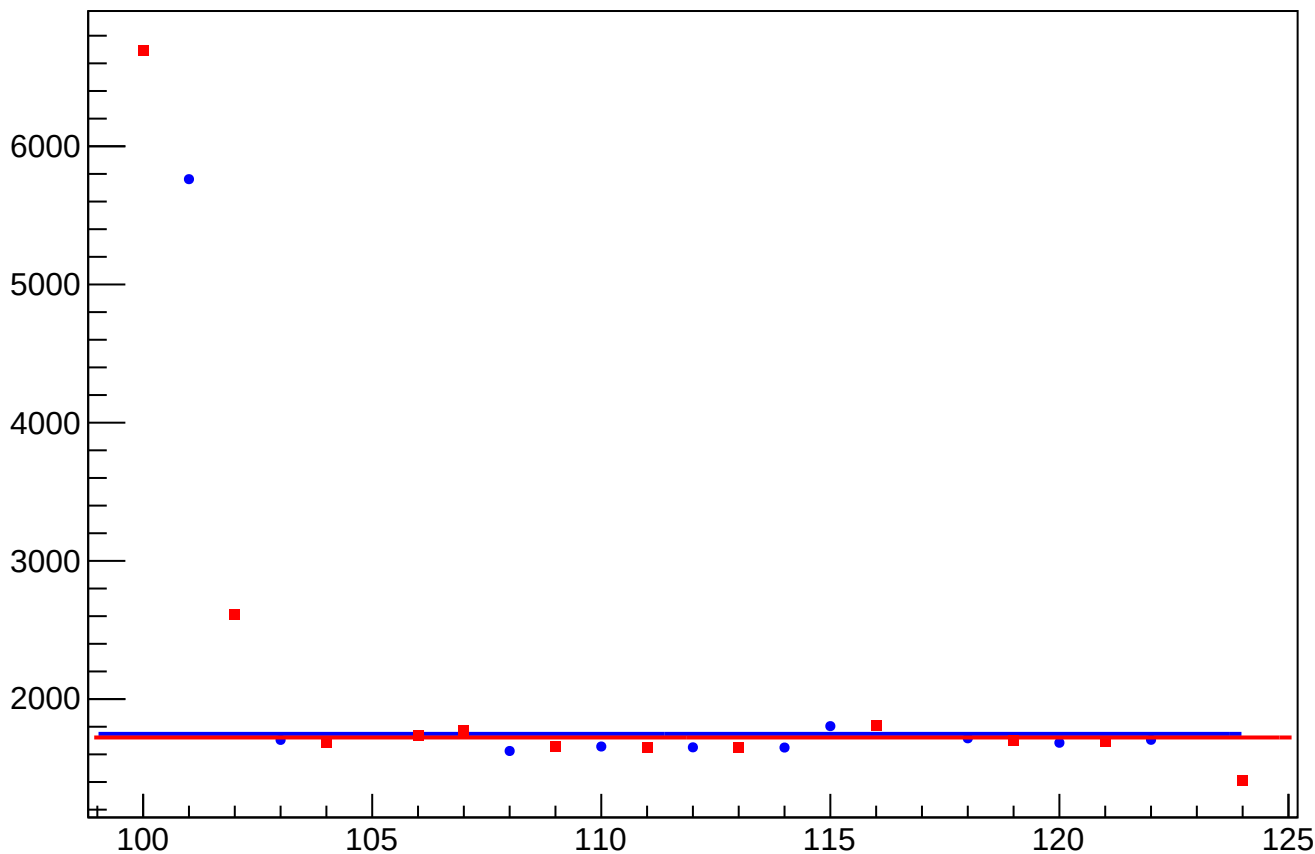
Right: 84.173+/-611.072 χ^2/NDF : 16.3/21

In: -82.792+/-904.040 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.173+/-611.072 χ^2/NDF : 16.3/21

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1748.334+/-0.639 χ^2/NDF : 649975.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1722.208+/-0.584 χ^2/NDF : 204438.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

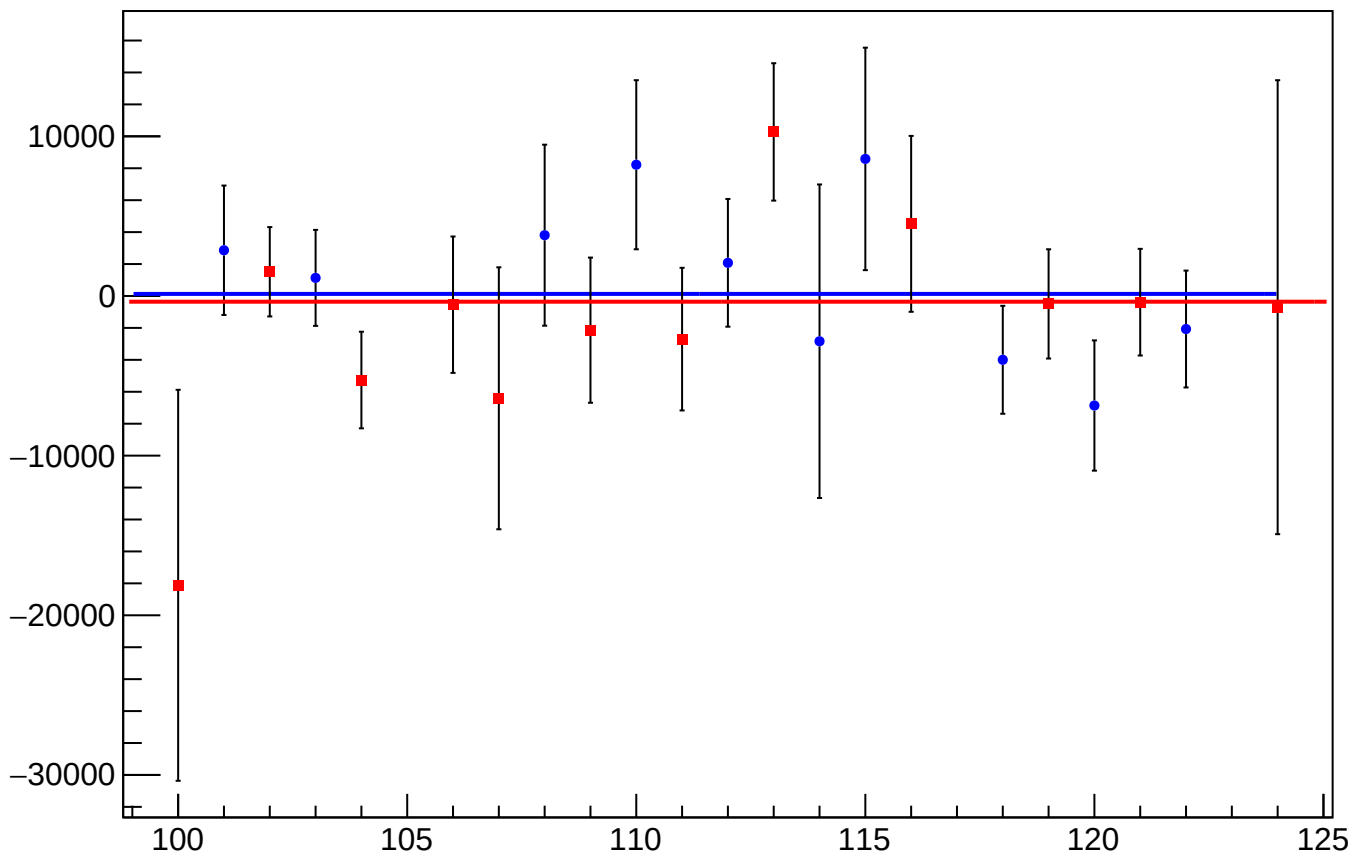
Right: 1734.085+/-0.431 χ^2/NDF : 855325.3/21

In: 1748.334+/-0.639 χ^2/NDF :649975.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1734.085+/-0.431 χ^2/NDF : 855325.3/21

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 129.868 $\pm$ 1343.457 χ^2 /NDF: 9.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -358.072 $\pm$ 1213.807 χ^2 /NDF: 13.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

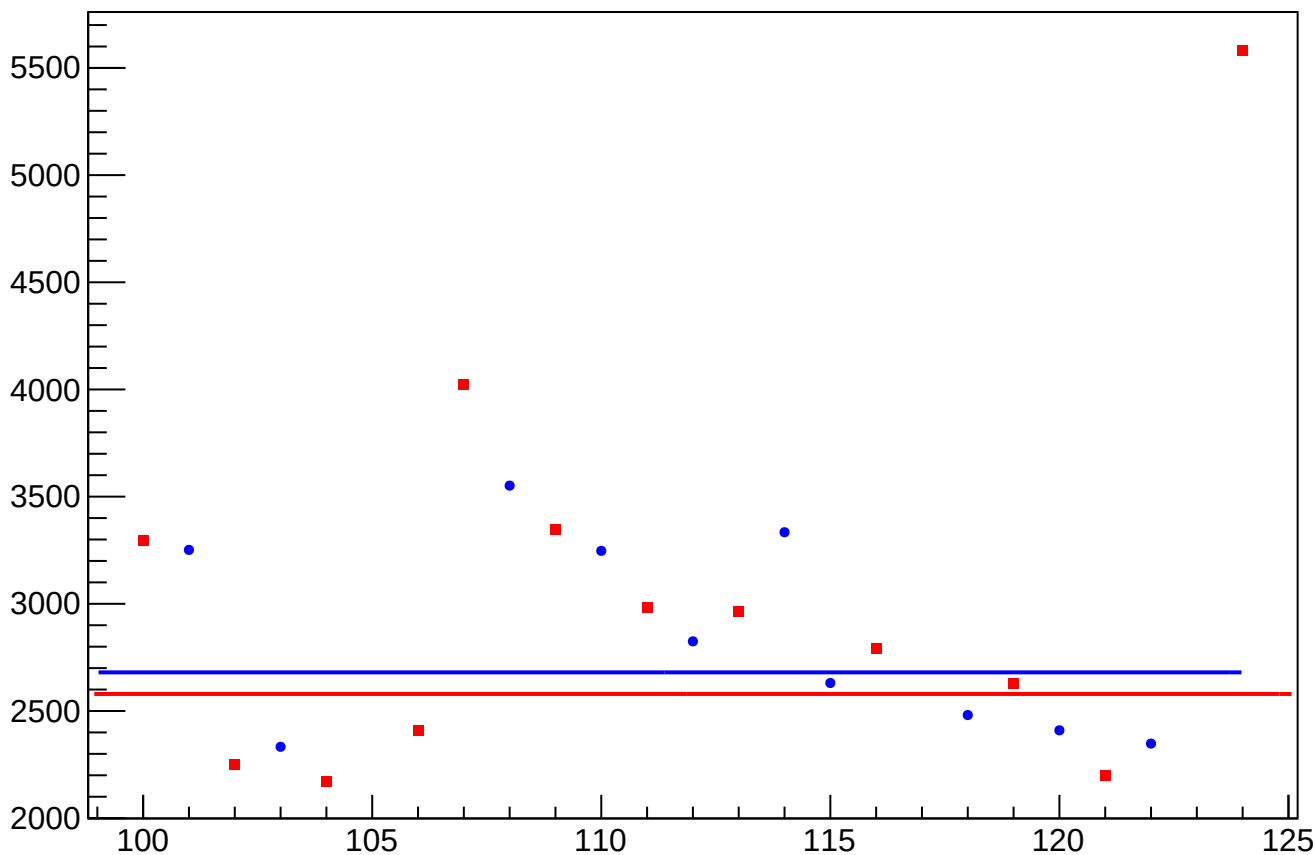
Right: -138.776 $\pm$ 900.649 χ^2 /NDF: 23.0/21

In: 129.868 $\pm$ 1343.457 χ^2 /NDF:9.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -138.776 $\pm$ 900.649 χ^2 /NDF: 23.0/21

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2680.171+/-0.950 χ^2/NDF : 180398.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2579.469+/-0.858 χ^2/NDF : 343981.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

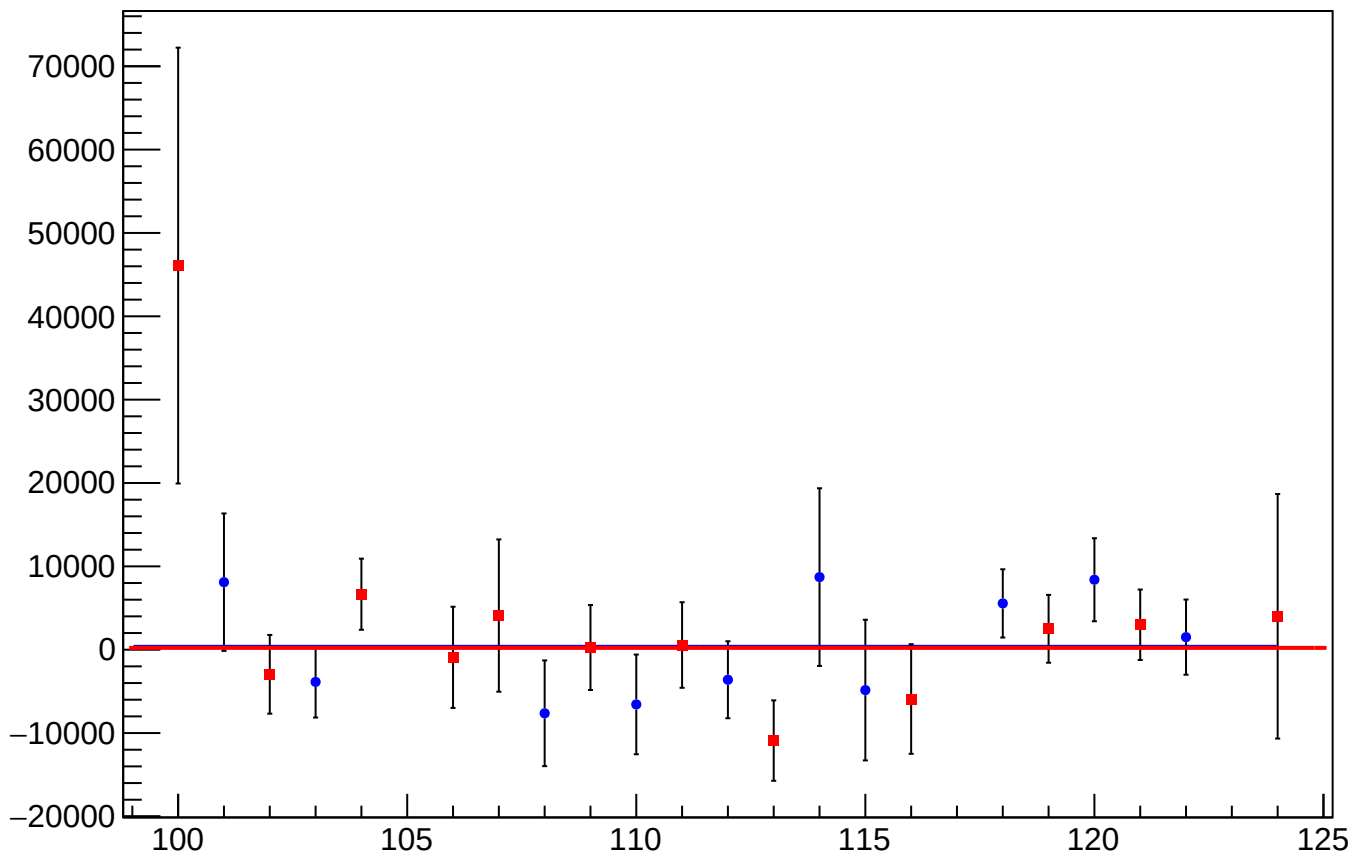
Right: 2624.728+/-0.637 χ^2/NDF : 530566.3/21

In: 2680.171+/-0.950 χ^2/NDF : 180398.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.728+/-0.637 χ^2/NDF : 530566.3/21

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 343.958+/-1712.023 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.573+/-1573.534 χ^2/NDF : 13.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

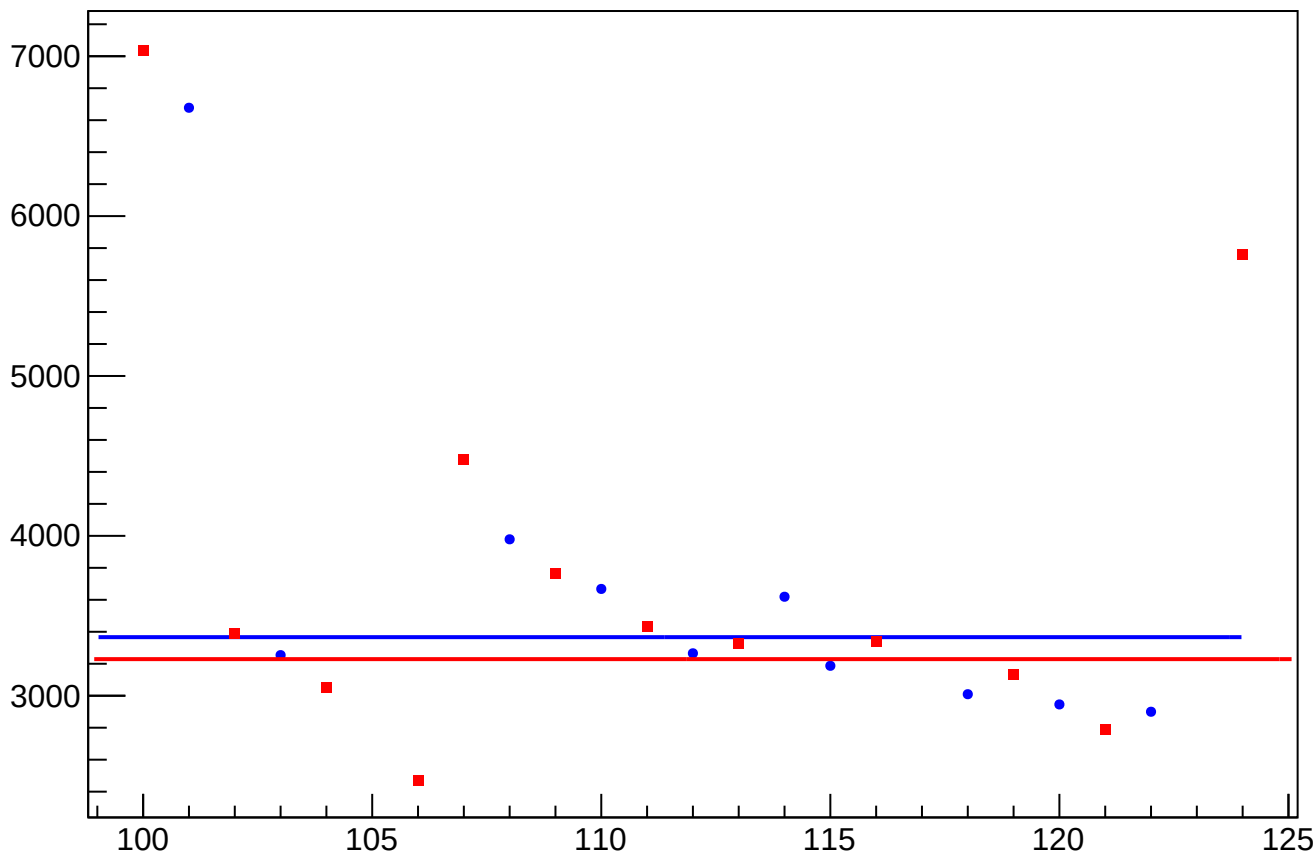
Right: 277.074+/-1158.527 χ^2/NDF : 23.8/21

In: 343.958+/-1712.023 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.074+/-1158.527 χ^2/NDF : 23.8/21

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3366.379+/-1.211 χ^2/NDF : 401515.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3228.927+/-1.089 χ^2/NDF : 245768.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

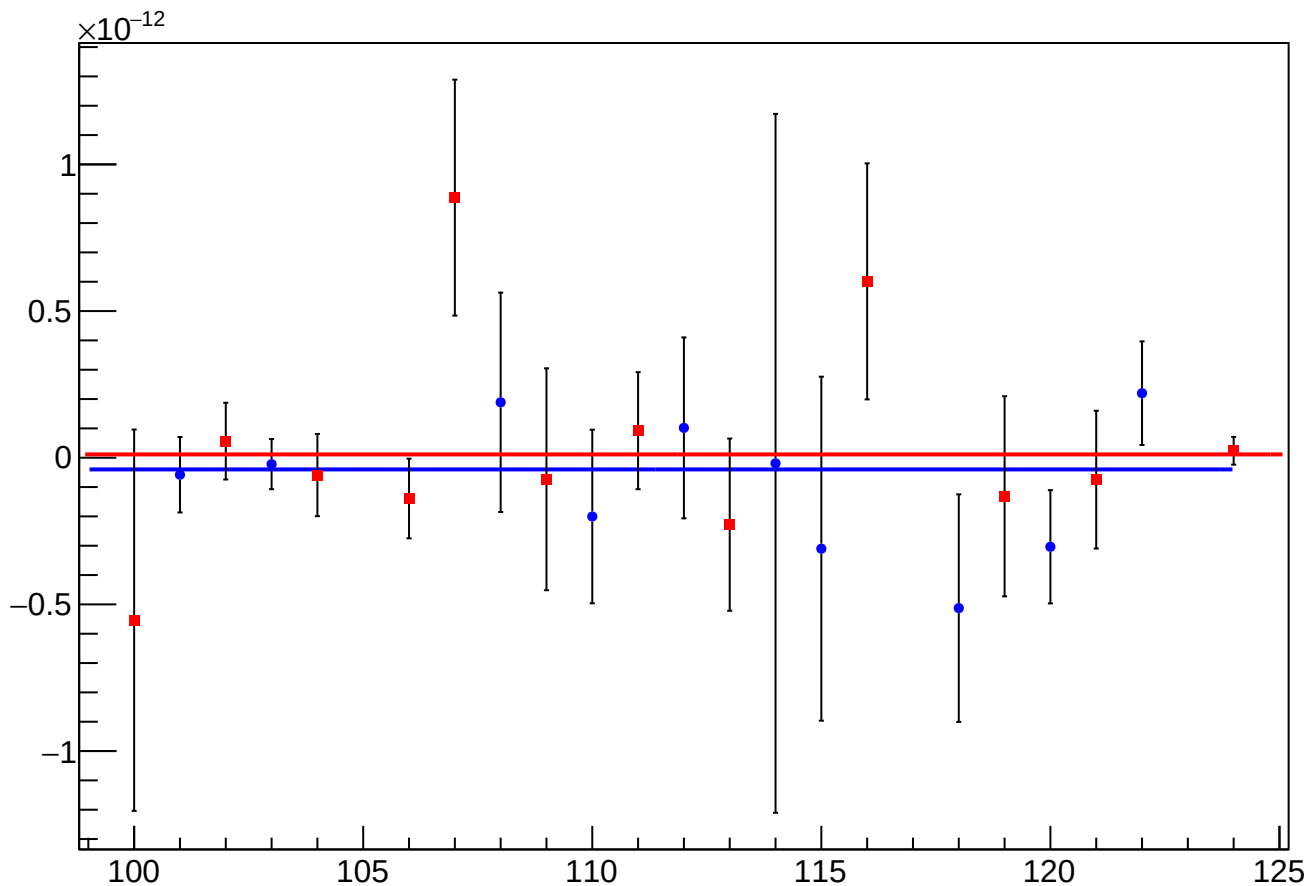
Right: 3290.426+/-0.810 χ^2/NDF : 654407.9/21

In: 3366.379+/-1.211 χ^2/NDF : 401515.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3290.426+/-0.810 χ^2/NDF : 654407.9/21

asym_atr1l2_dd_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 : 10.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

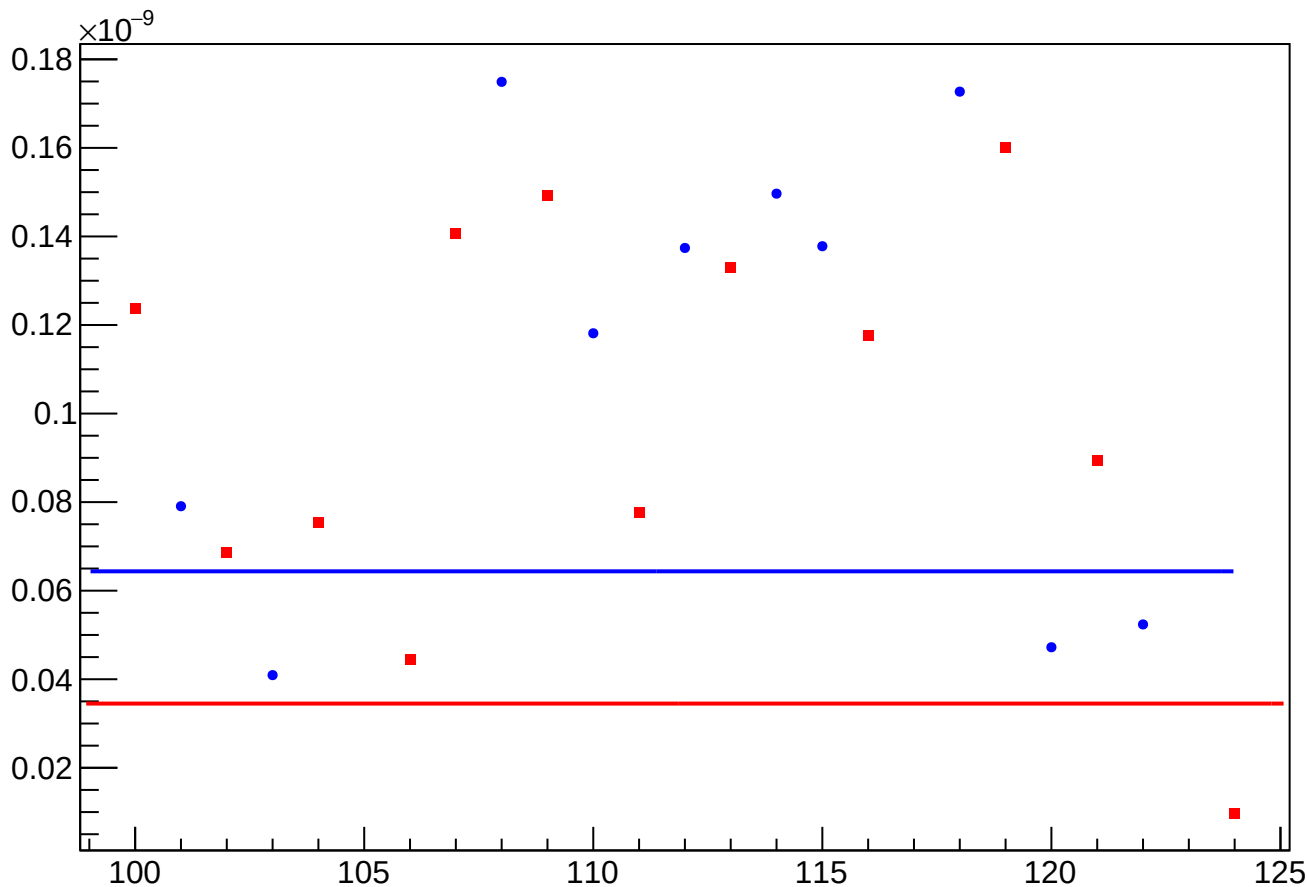
Right: -0.000 ± 0.000 χ^2/NDF : 17.7/21

In: -0.000 ± 0.000 χ^2/NDF : 6.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 17.7/21

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 752124.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2015842.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

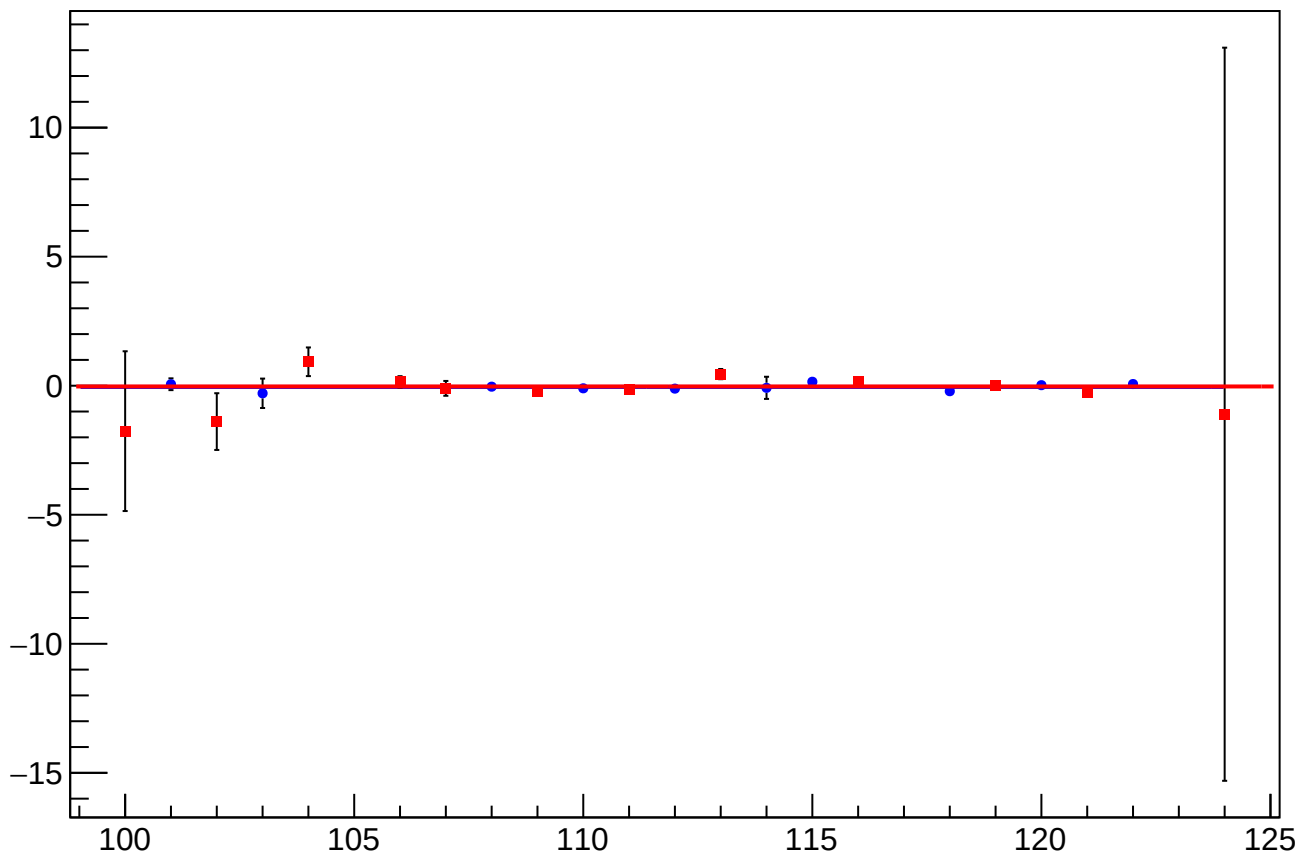
Right: 0.000+/-0.000 χ^2/NDF : 3137978.6/21

In: 0.000+/-0.000 χ^2/NDF : 752124.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3137978.6/21

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047+/-0.059 χ^2/NDF : 4.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.029+/-0.059 χ^2/NDF : 17.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

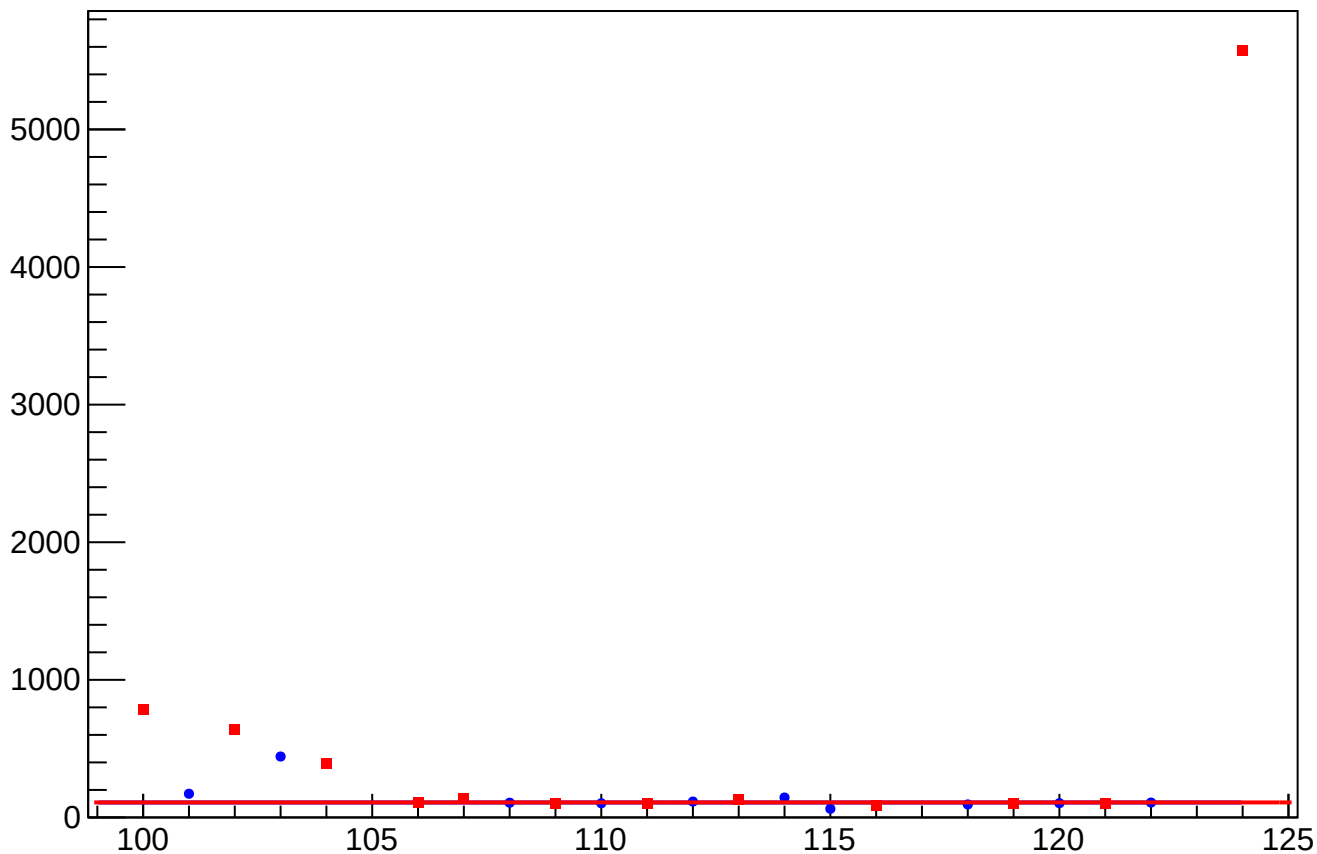
Right: -0.038+/-0.042 χ^2/NDF : 21.8/21

In: -0.047+/-0.059 χ^2/NDF : 4.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.038+/-0.042 χ^2/NDF : 21.8/21

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.639+/-0.042 χ^2/NDF : 1022033.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.249+/-0.042 χ^2/NDF : 1505337.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

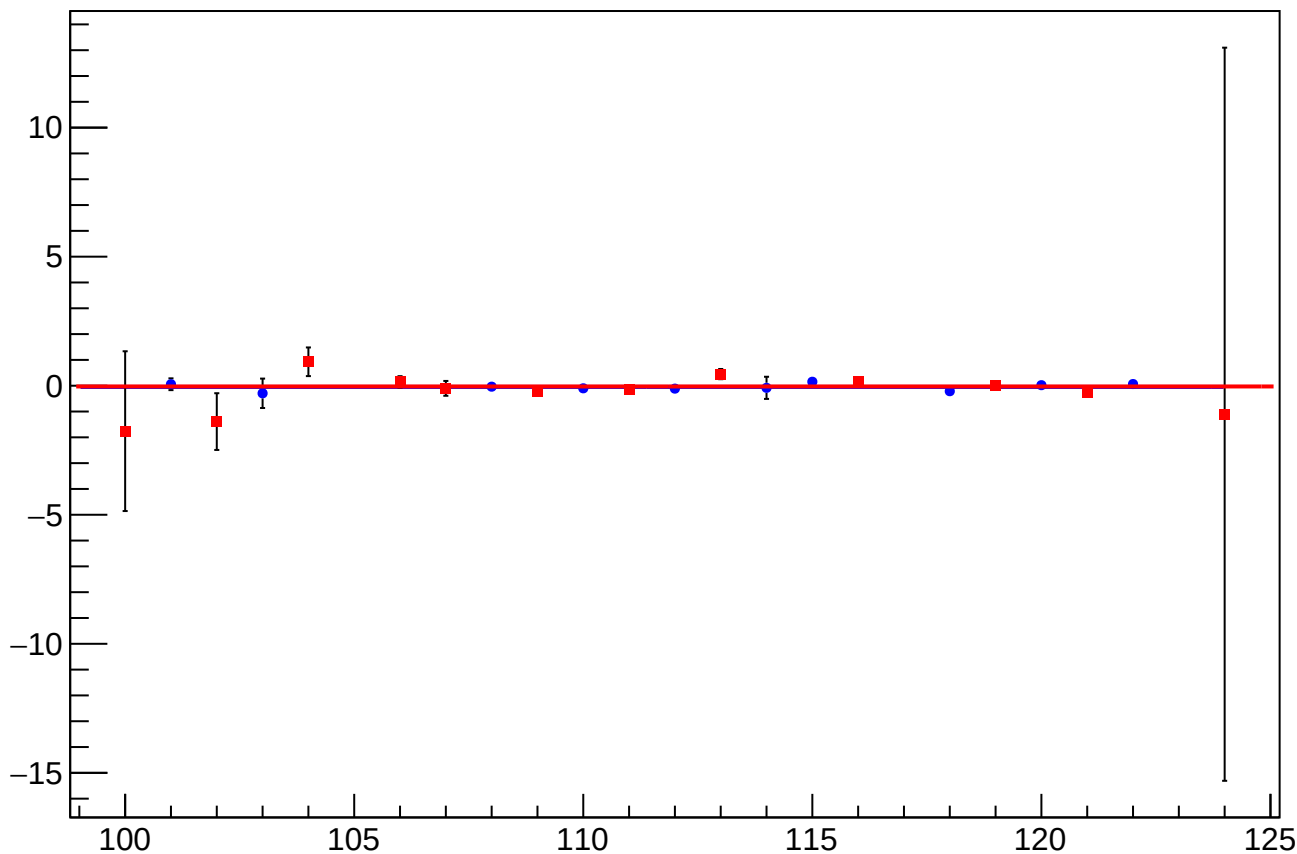
Right: 108.945+/-0.030 χ^2/NDF : 2527478.1/21

In: 108.639+/-0.042 χ^2/NDF : 1022033.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.945+/-0.030 χ^2/NDF : 2527478.1/21

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.059 χ^2/NDF : 4.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.029 ± 0.059 χ^2/NDF : 17.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

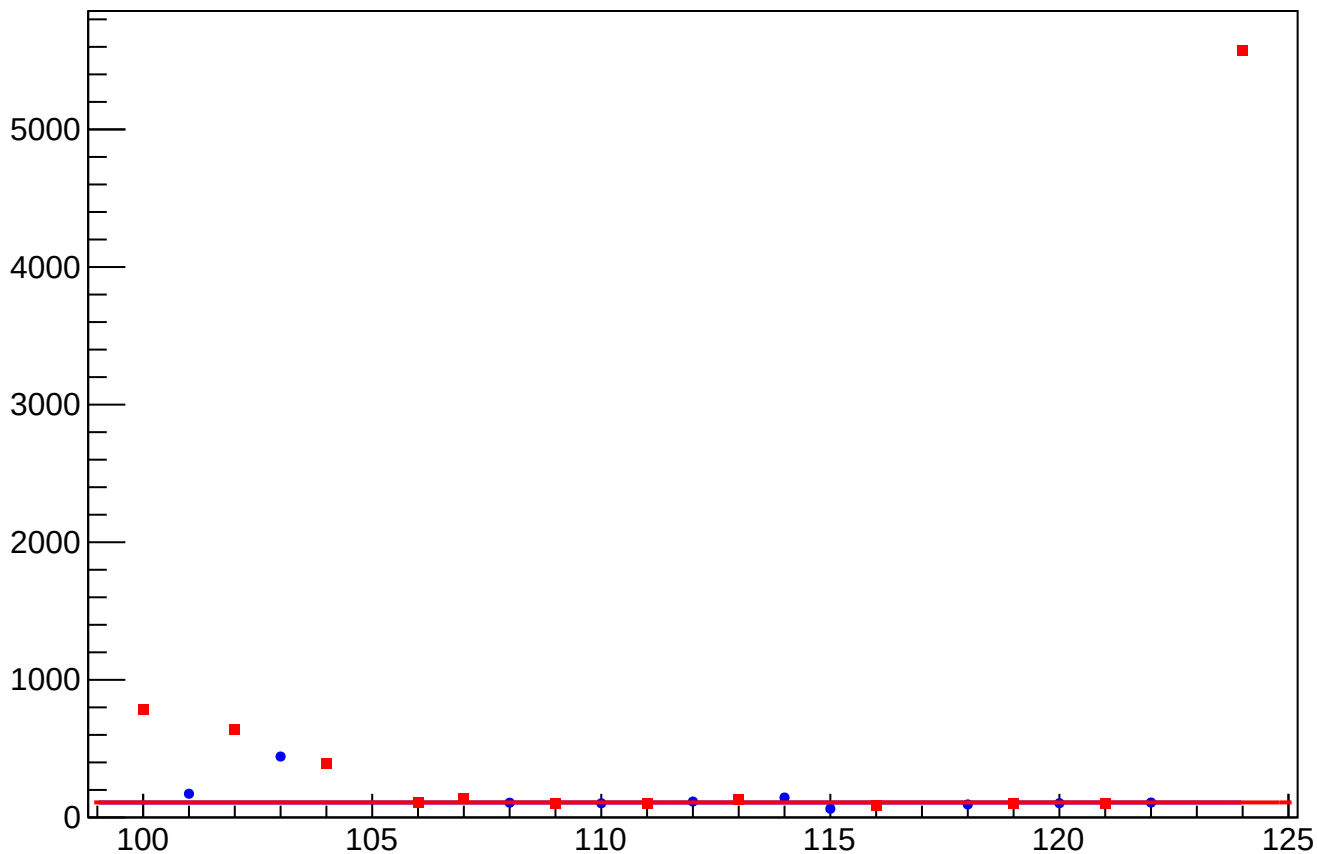
Right: -0.038 ± 0.042 χ^2/NDF : 21.8/21

In: -0.047 ± 0.059 χ^2/NDF : 4.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.038 ± 0.042 χ^2/NDF : 21.8/21

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.639+/-0.042 χ^2/NDF : 1022033.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.249+/-0.042 χ^2/NDF : 1505337.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

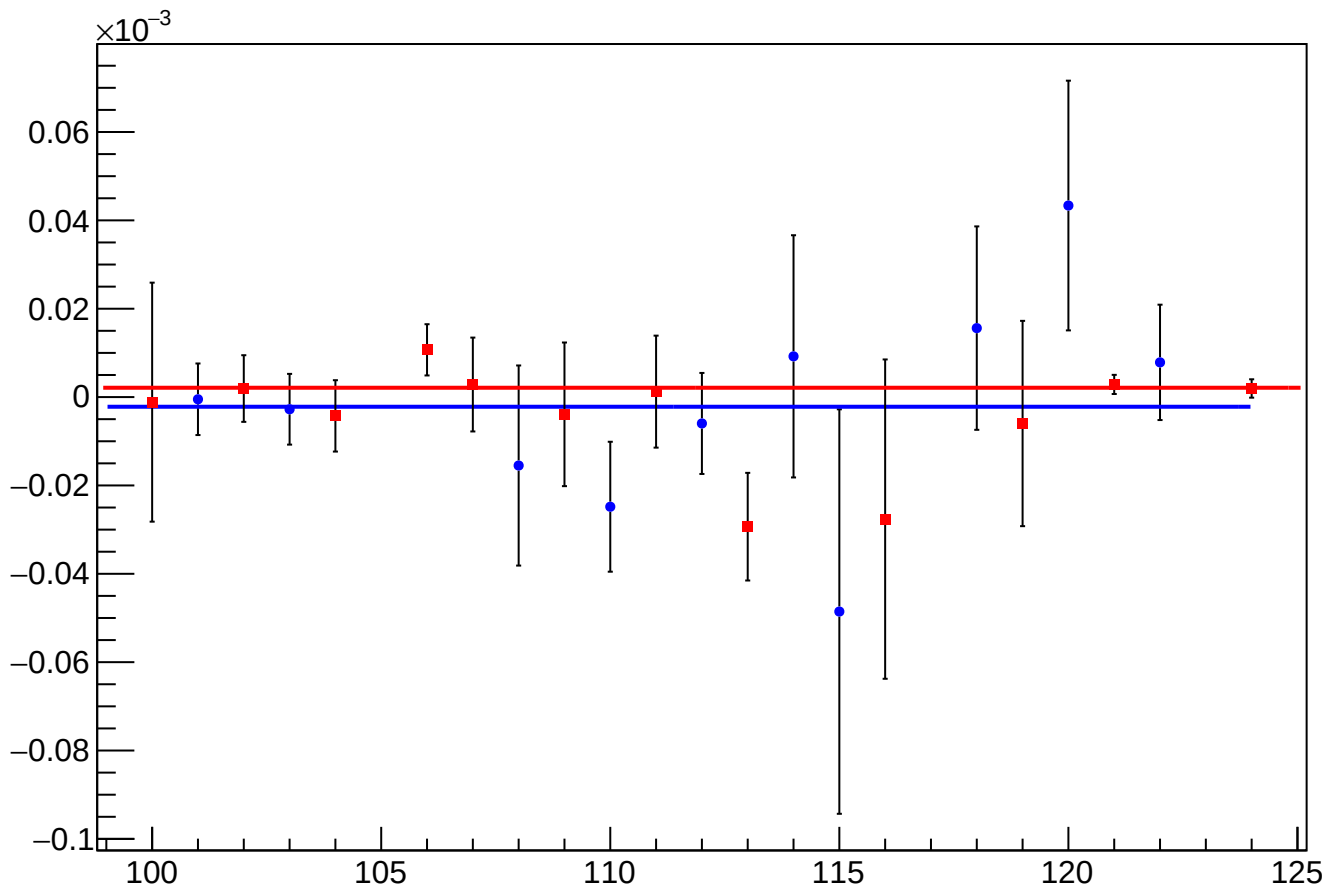
Right: 108.945+/-0.030 χ^2/NDF : 2527478.1/21

In: 108.639+/-0.042 χ^2/NDF : 1022033.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.945+/-0.030 χ^2/NDF : 2527478.1/21

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

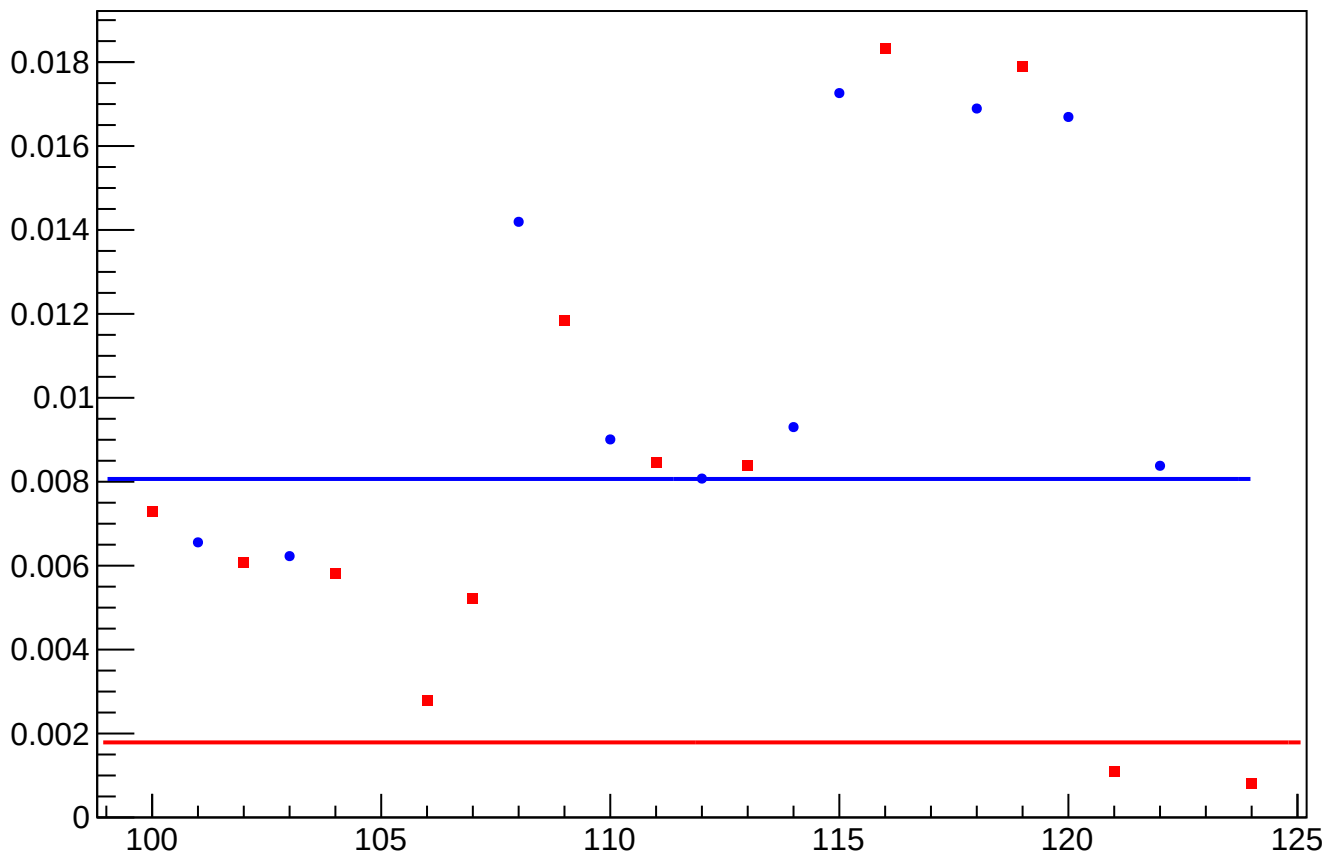
Right: 0.000+/-0.000 χ^2/NDF : 19.4/21

In: -0.000+/-0.000 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.4/21

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 895987.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5411995.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

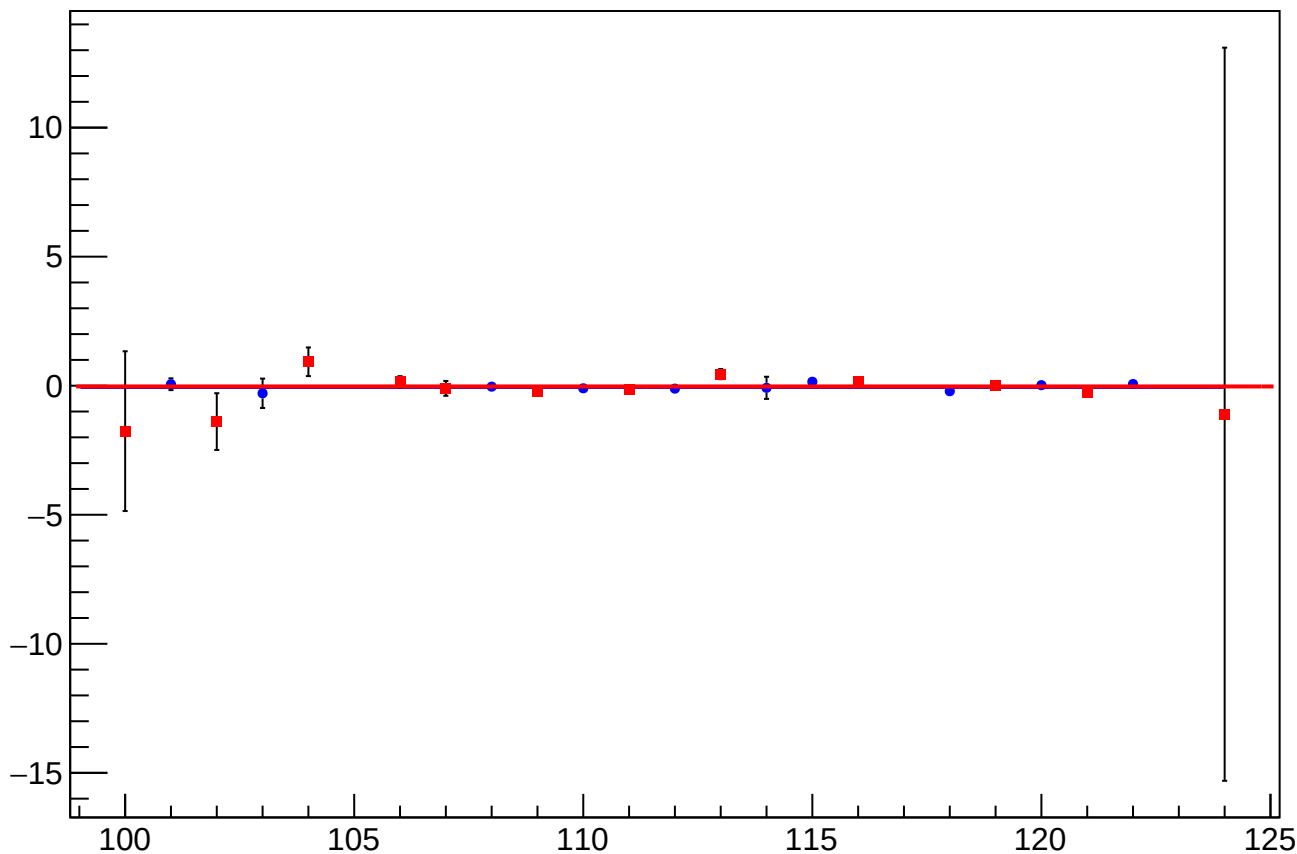
Right: 0.002+/-0.000 χ^2/NDF : 10296922.5/21

In: 0.008+/-0.000 χ^2/NDF :895987.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10296922.5/21

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047+/-0.059 χ^2/NDF : 4.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.029+/-0.059 χ^2/NDF : 17.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

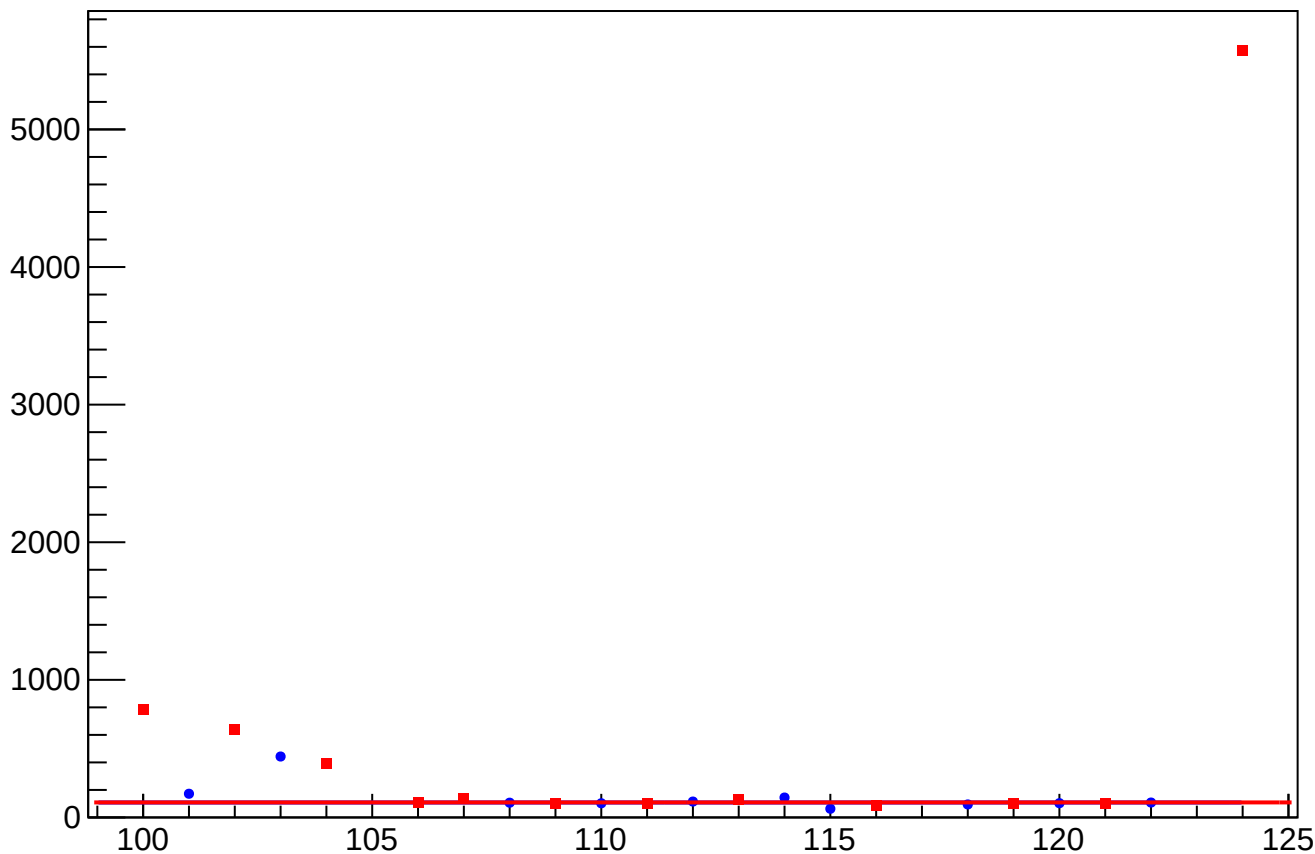
Right: -0.038+/-0.042 χ^2/NDF : 21.8/21

In: -0.047+/-0.059 χ^2/NDF : 4.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.038+/-0.042 χ^2/NDF : 21.8/21

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.640+/-0.042 χ^2/NDF : 1022012.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.251+/-0.042 χ^2/NDF : 1505295.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

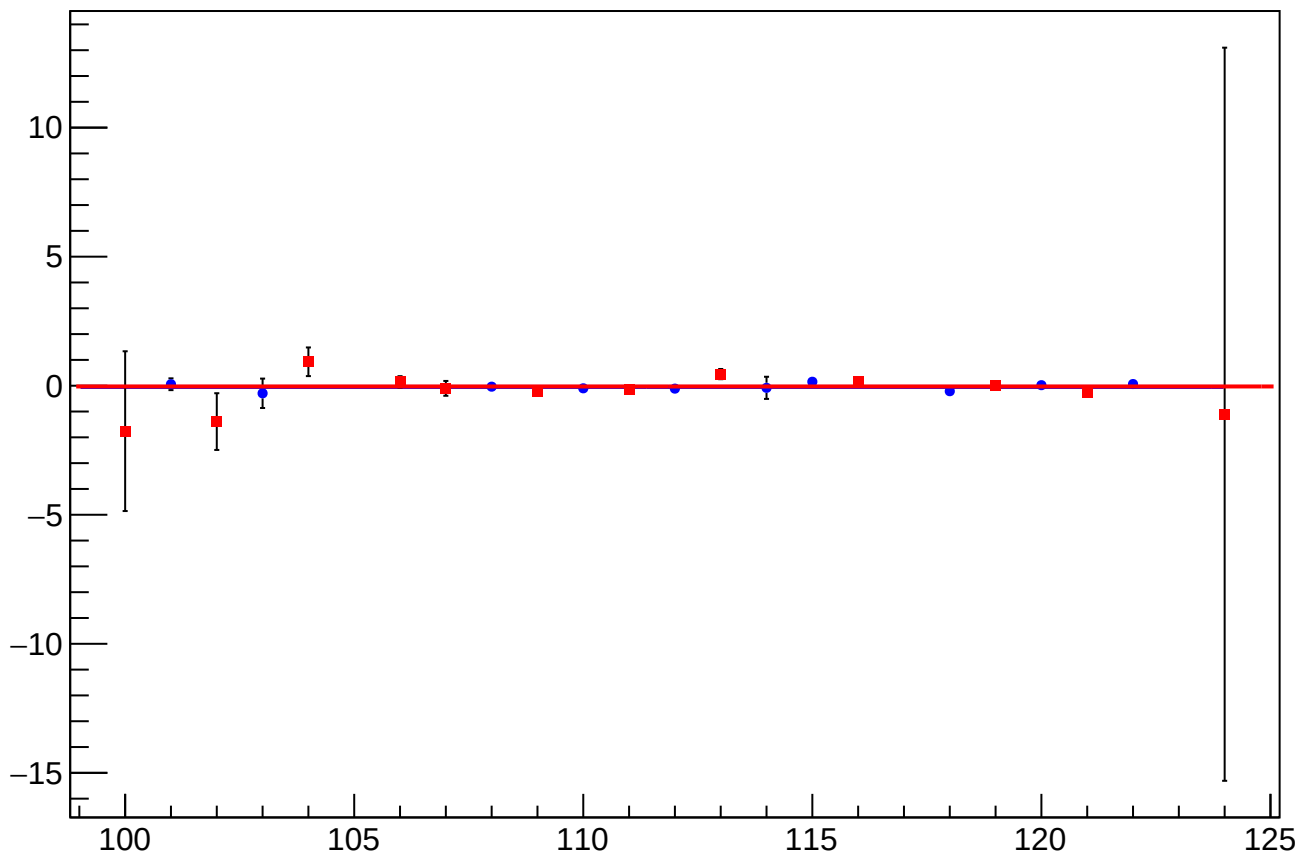
Right: 108.947+/-0.030 χ^2/NDF : 2527415.8/21

In: 108.640+/-0.042 χ^2/NDF : 1022012.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.947+/-0.030 χ^2/NDF : 2527415.8/21

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047+/-0.059 χ^2 /NDF: 4.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.029+/-0.059 χ^2 /NDF: 17.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

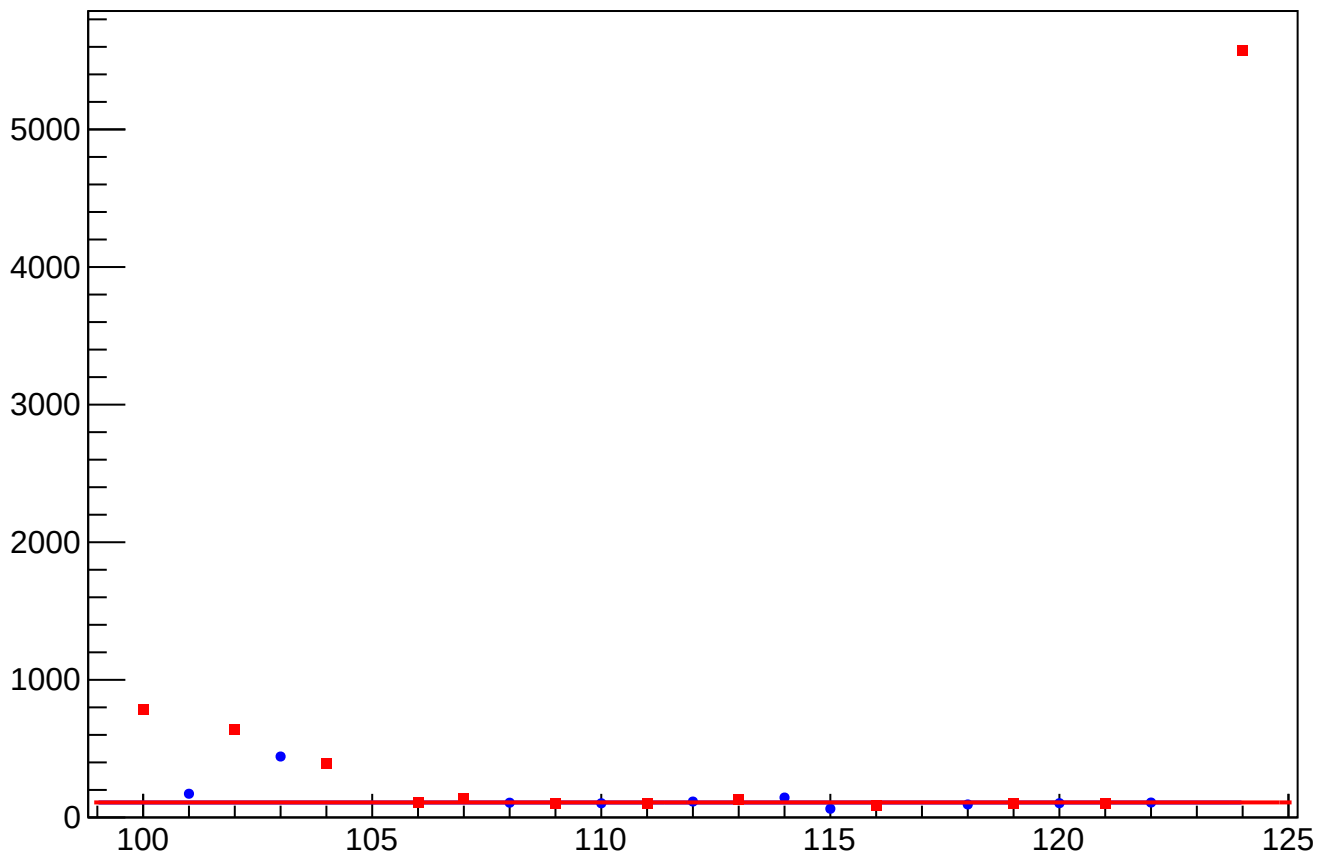
Right: -0.038+/-0.042 χ^2 /NDF: 21.8/21

In: -0.047+/-0.059 χ^2 /NDF:4.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.038+/-0.042 χ^2 /NDF: 21.8/21

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.640+/-0.042 χ^2/NDF : 1022012.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.251+/-0.042 χ^2/NDF : 1505295.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

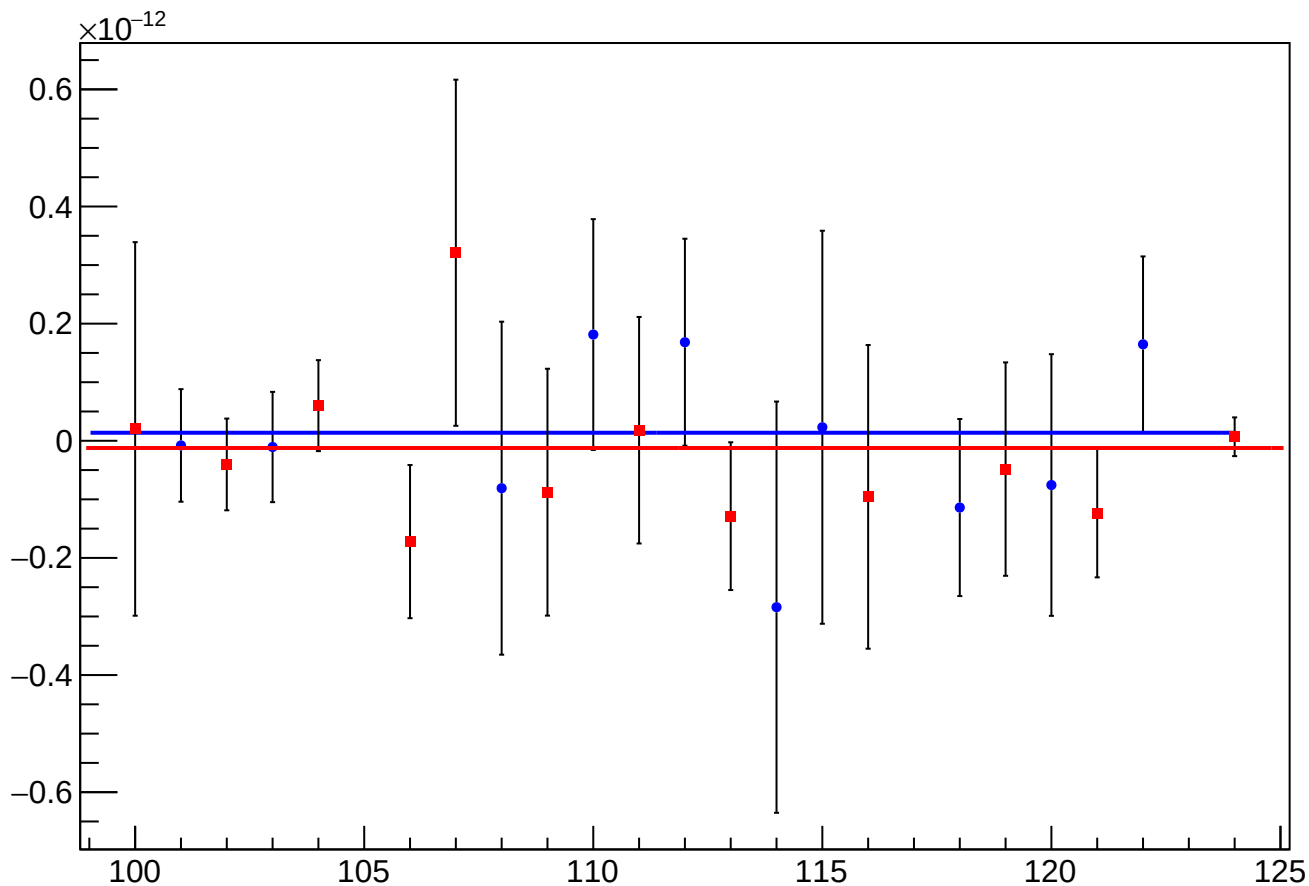
Right: 108.947+/-0.030 χ^2/NDF : 2527415.8/21

In: 108.640+/-0.042 χ^2/NDF : 1022012.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.947+/-0.030 χ^2/NDF : 2527415.8/21

asym_atr1l2_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 : 6.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

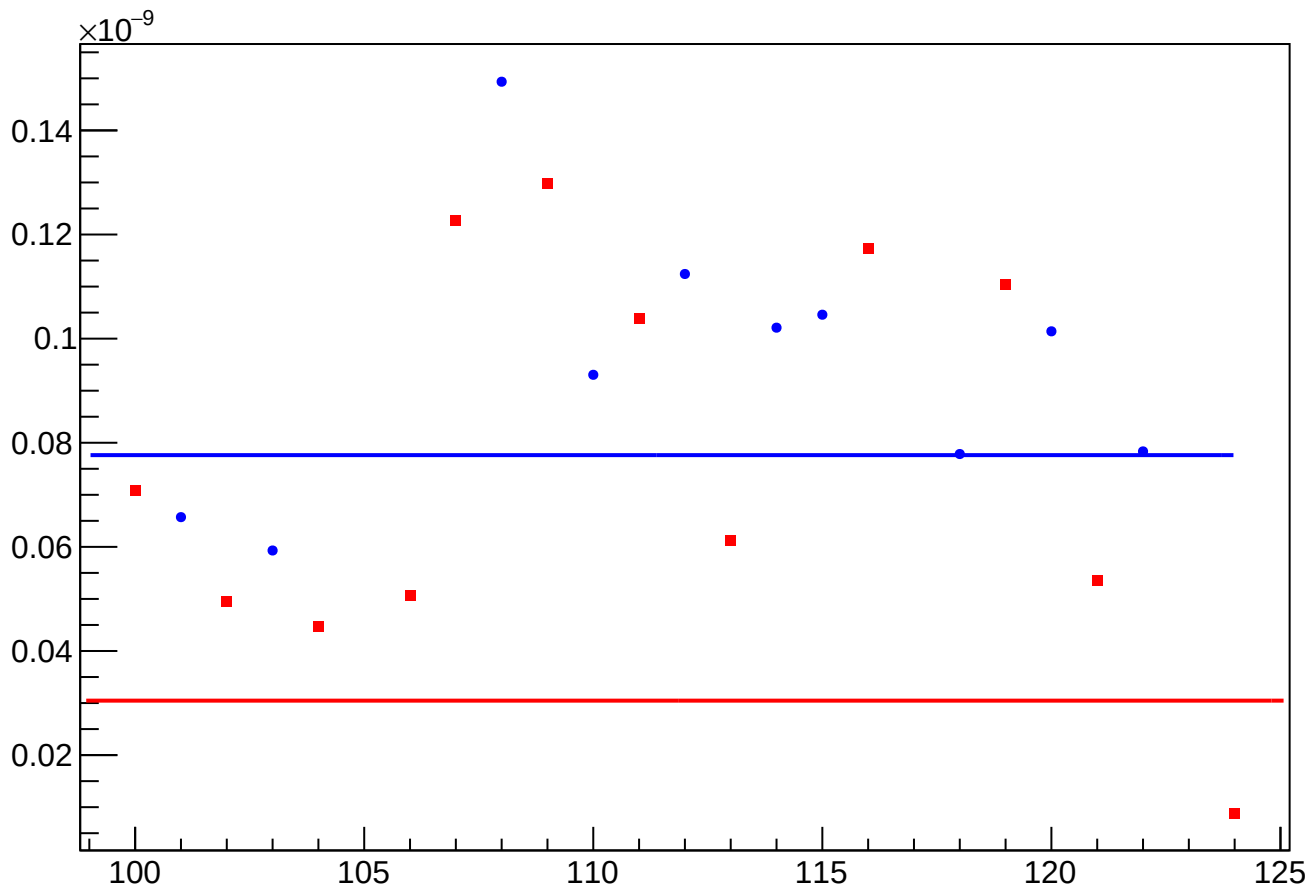
Right: -0.000+/-0.000 χ^2/NDF : 10.8/21

In: 0.000+/-0.000 χ^2/NDF : 4.3/9

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 : 368966.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2875247.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

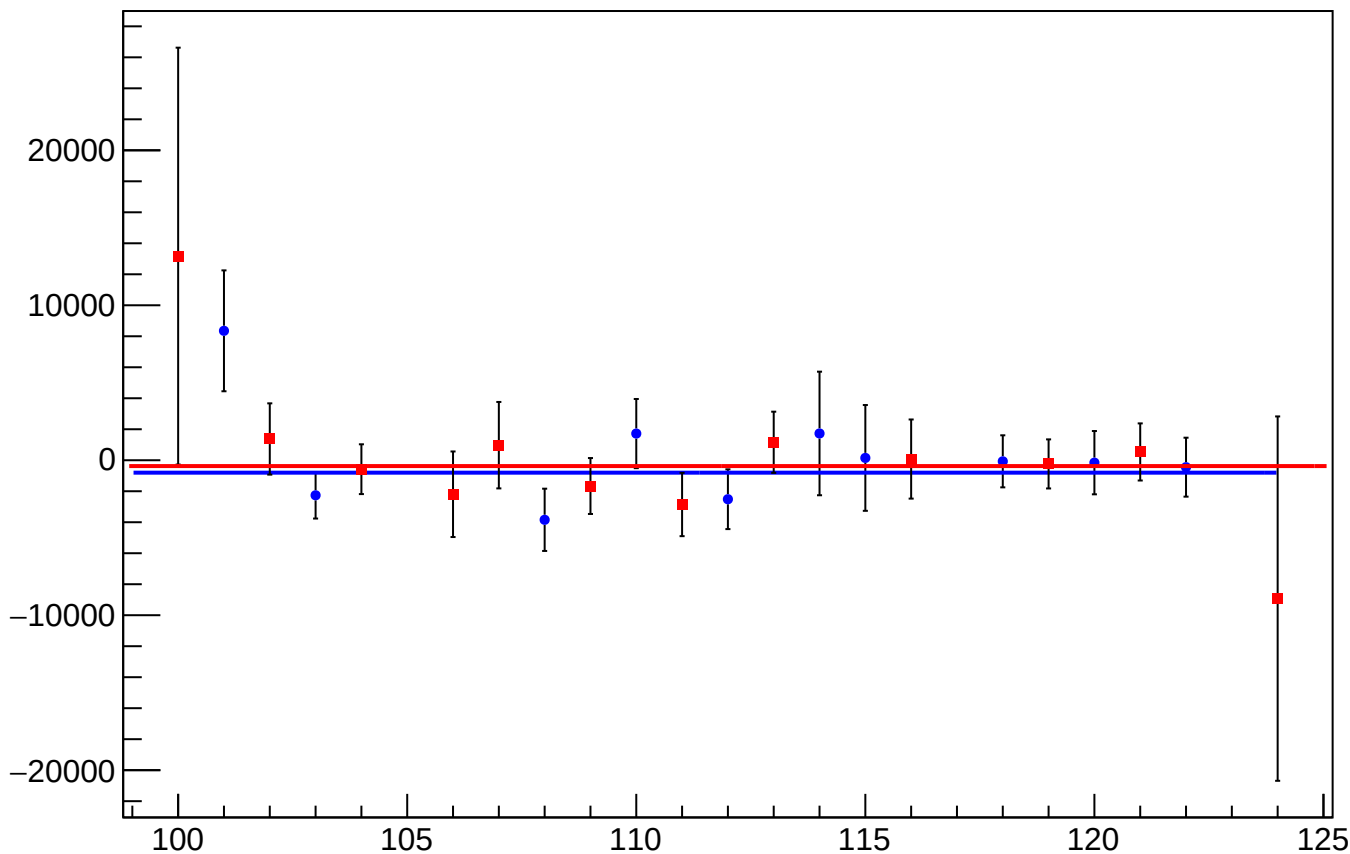
Right: 0.000+/-0.000 χ^2/NDF : 4707015.1/21

In: 0.000+/-0.000 χ^2/NDF : 368966.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4707015.1/21

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -801.633+/-667.256 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -376.495+/-632.600 χ^2/NDF : 5.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

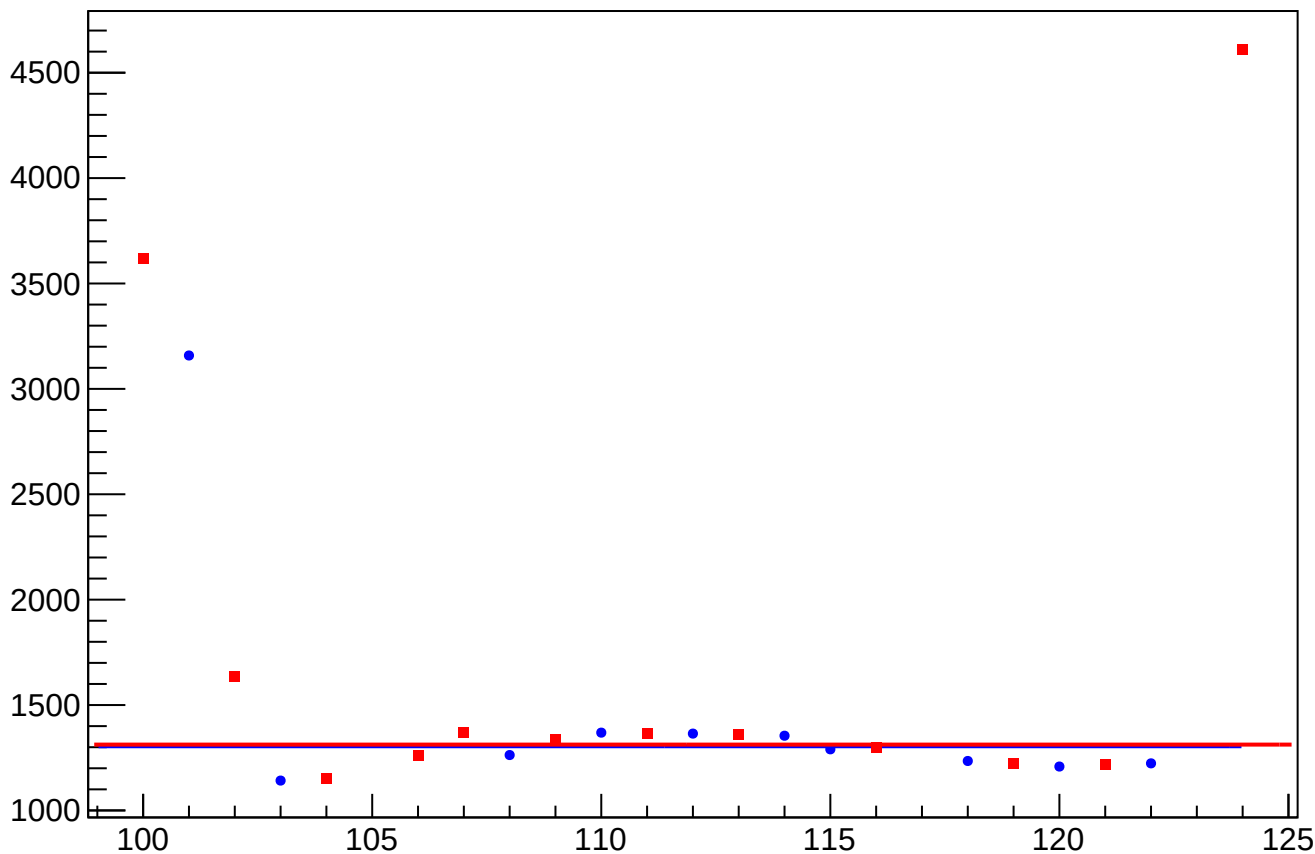
Right: -577.737+/-459.078 χ^2/NDF : 17.5/21

In: -801.633+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -577.737+/-459.078 χ^2/NDF : 17.5/21

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.340+/-0.445 χ^2/NDF : 292216.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

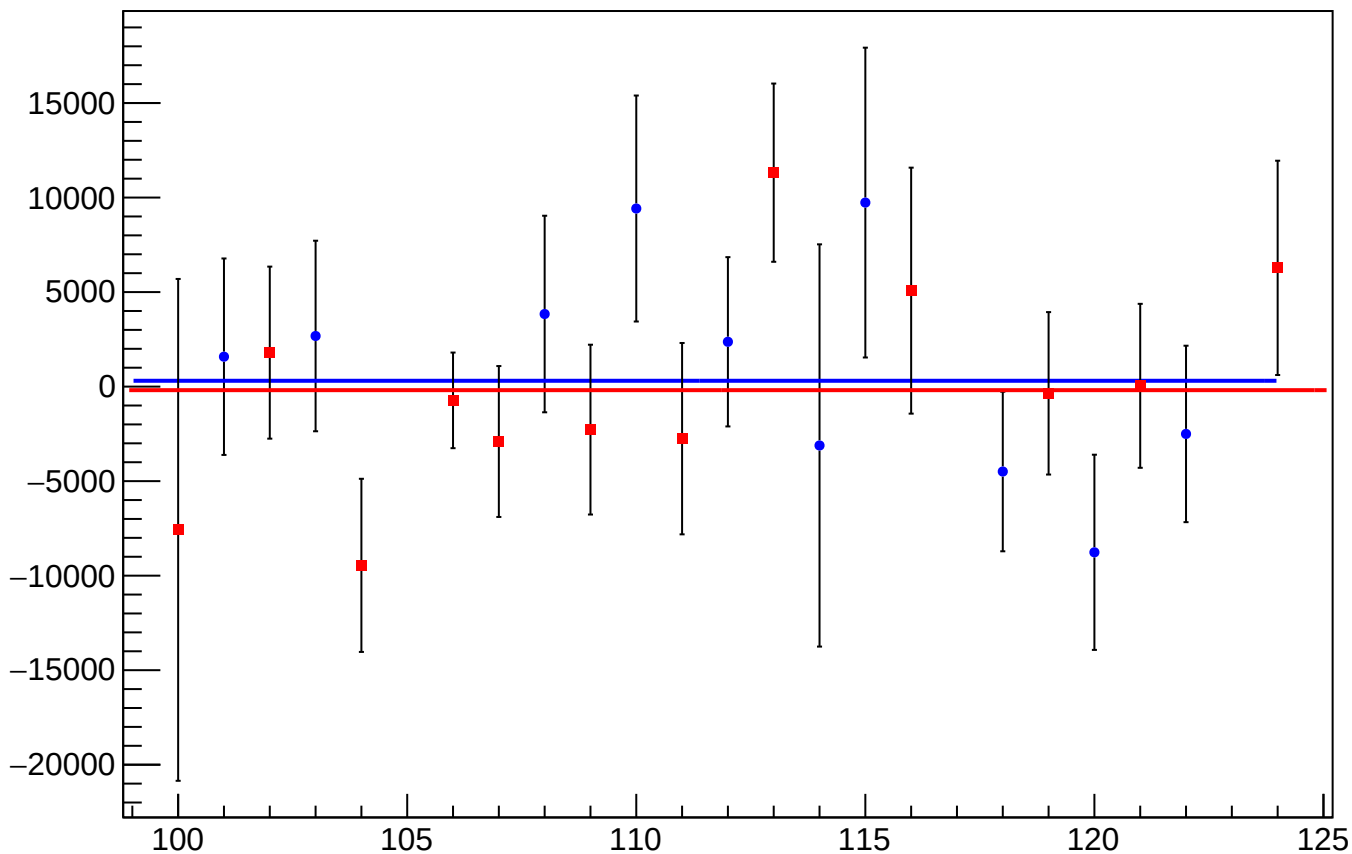
Right: 1308.661+/-0.324 χ^2/NDF : 784154.3/21

In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.661+/-0.324 χ^2/NDF : 784154.3/21

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 308.783+/-1679.275 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.798+/-1273.596 χ^2/NDF : 13.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

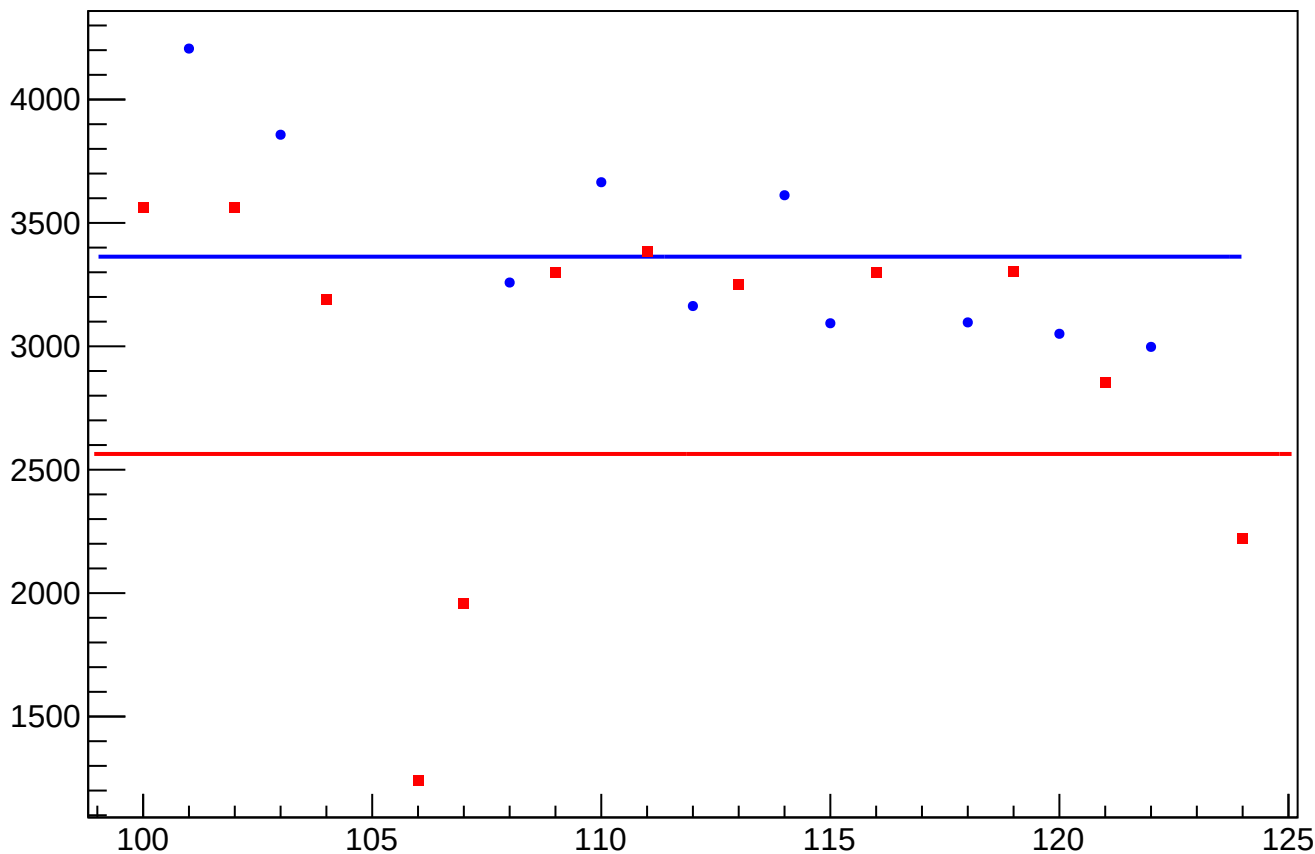
Right: -6.466+/-1014.761 χ^2/NDF : 23.0/21

In: 308.783+/-1679.275 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.466+/-1014.761 χ^2/NDF : 23.0/21

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2563.869+/-0.901 χ^2/NDF : 986937.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

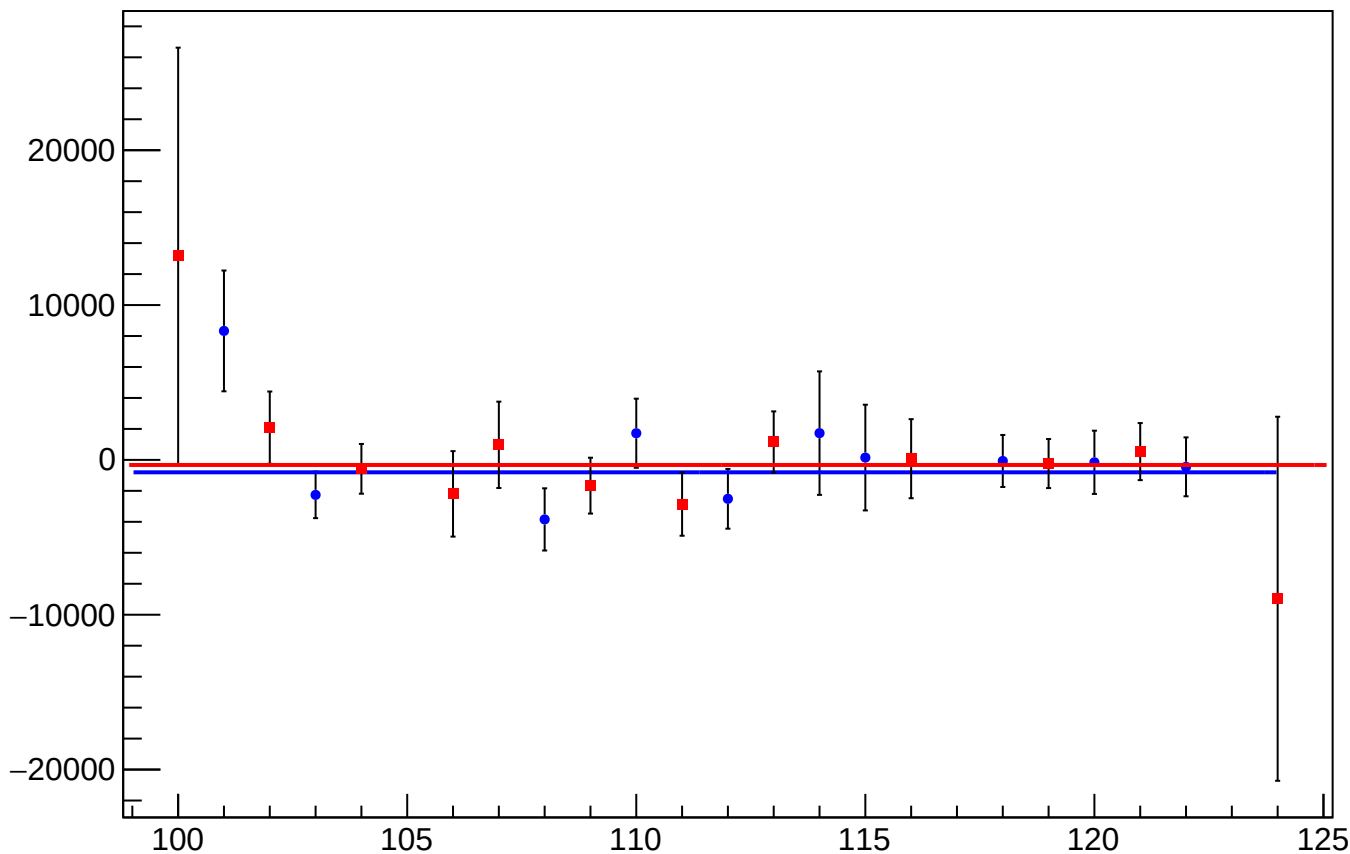
Right: 2855.764+/-0.718 χ^2/NDF : 1387241.6/21

In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2855.764+/-0.718 χ^2/NDF : 1387241.6/21

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -802.348+/-667.256 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -328.391+/-633.306 χ^2/NDF : 6.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

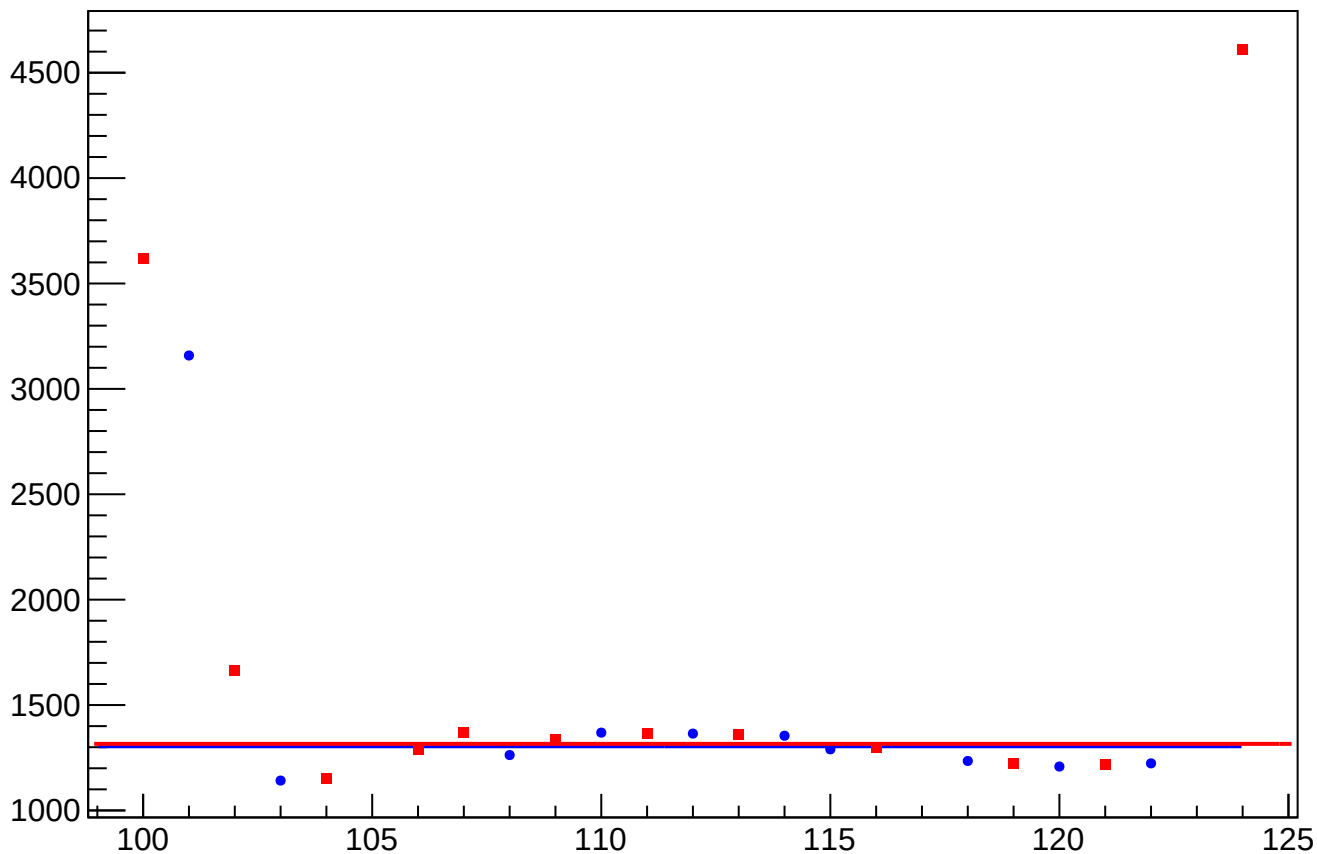
Right: -553.006+/-459.348 χ^2/NDF : 18.1/21

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -553.006+/-459.348 χ^2/NDF : 18.1/21

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.812+/-0.446 χ^2/NDF : 298251.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

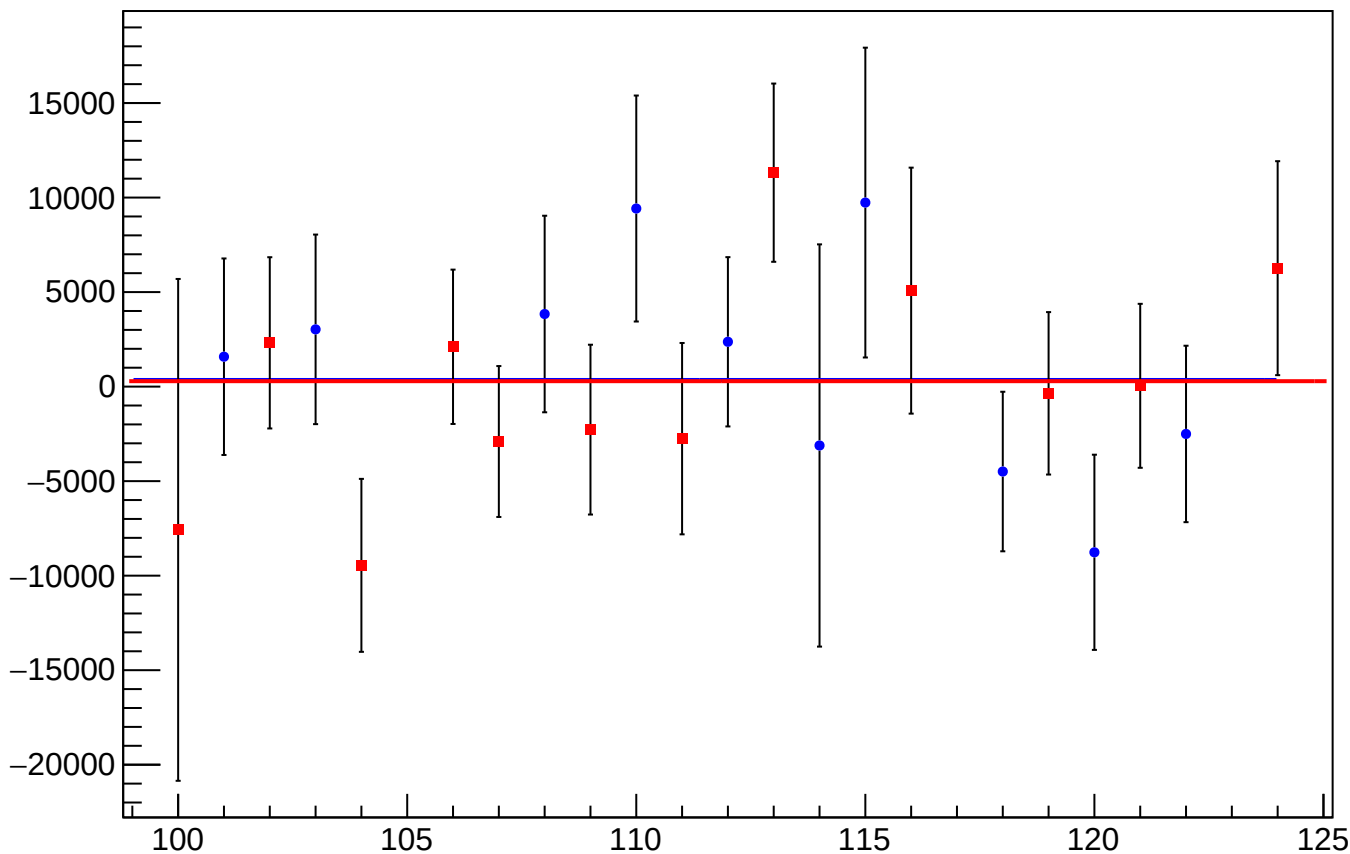
Right: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.383+/-1385.697 χ^2/NDF : 13.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

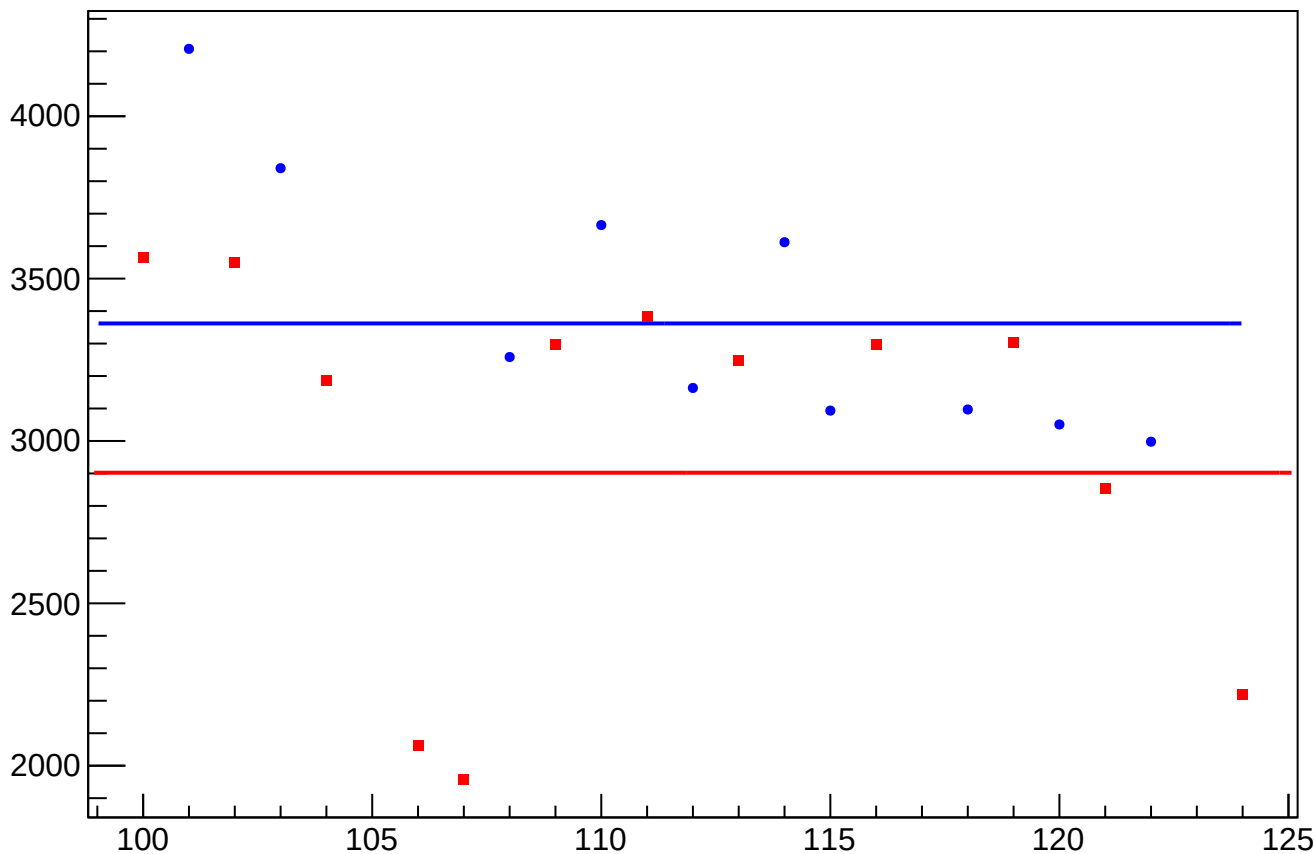
Right: 313.012+/-1068.559 χ^2/NDF : 23.3/21

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.012+/-1068.559 χ^2/NDF : 23.3/21

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2902.260+/-0.980 χ^2/NDF : 349355.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

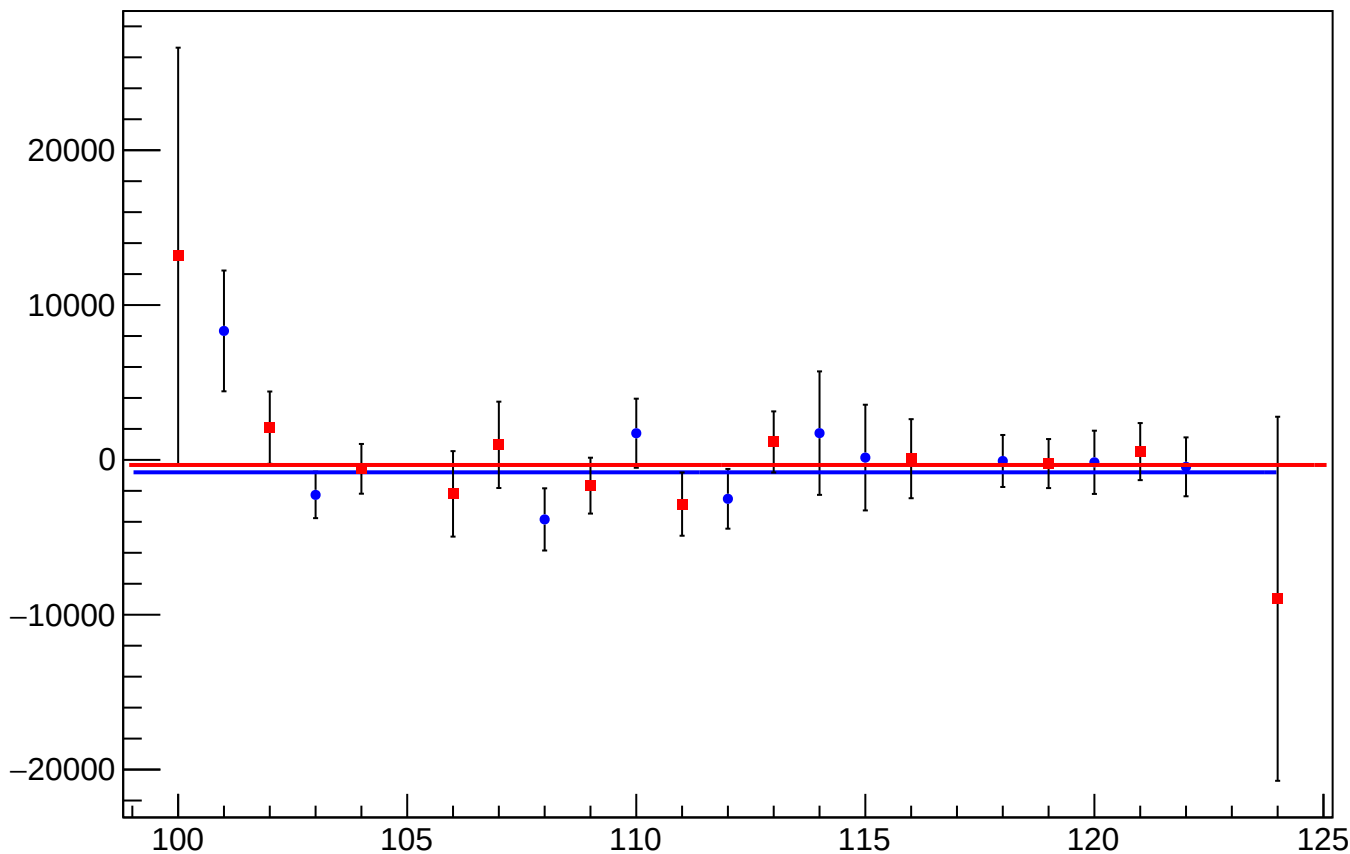
Right: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

In: 3361.923+/-1.187 χ^2/NDF :111579.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -802.348+/-667.256 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -328.391+/-633.306 χ^2/NDF : 6.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

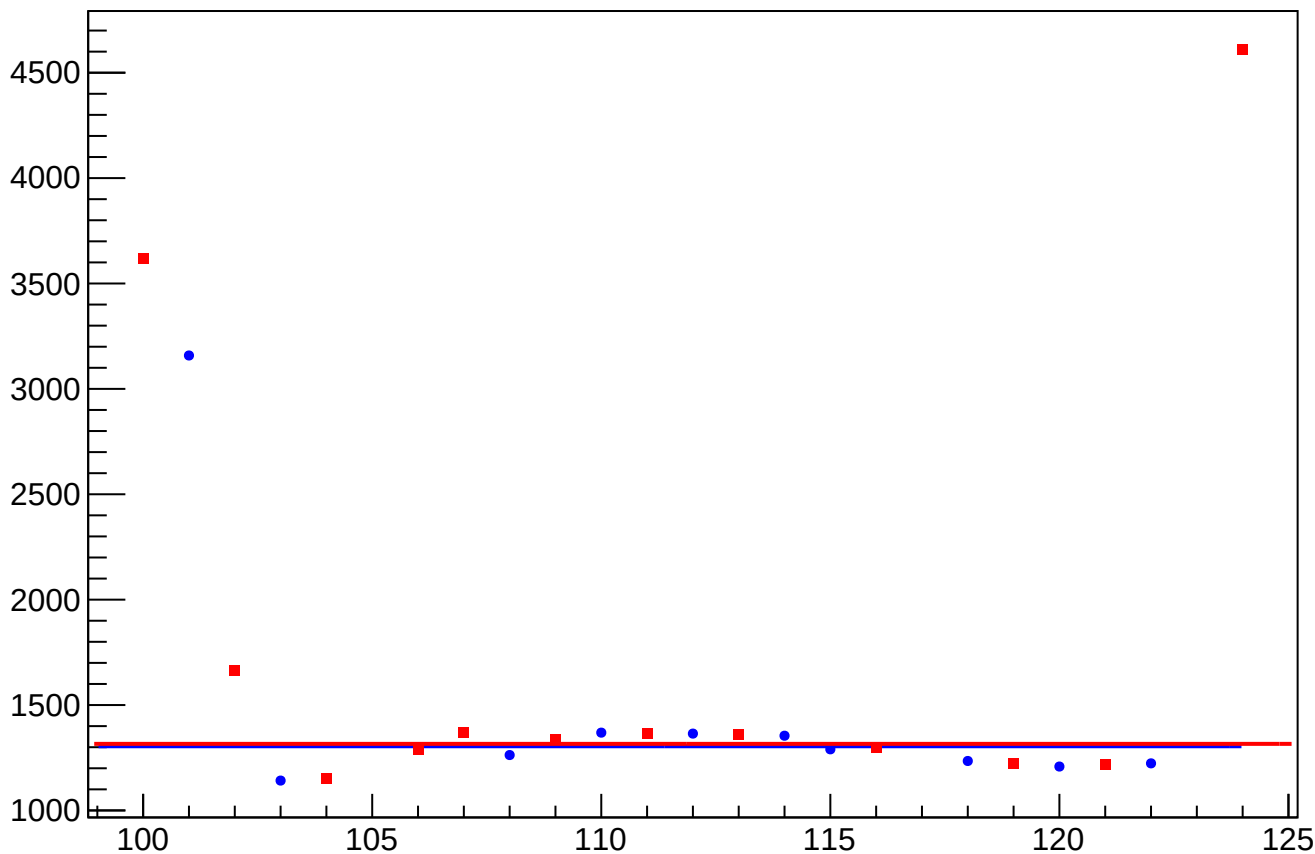
Right: -553.006+/-459.348 χ^2/NDF : 18.1/21

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -553.006+/-459.348 χ^2/NDF : 18.1/21

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.812+/-0.446 χ^2/NDF : 298251.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

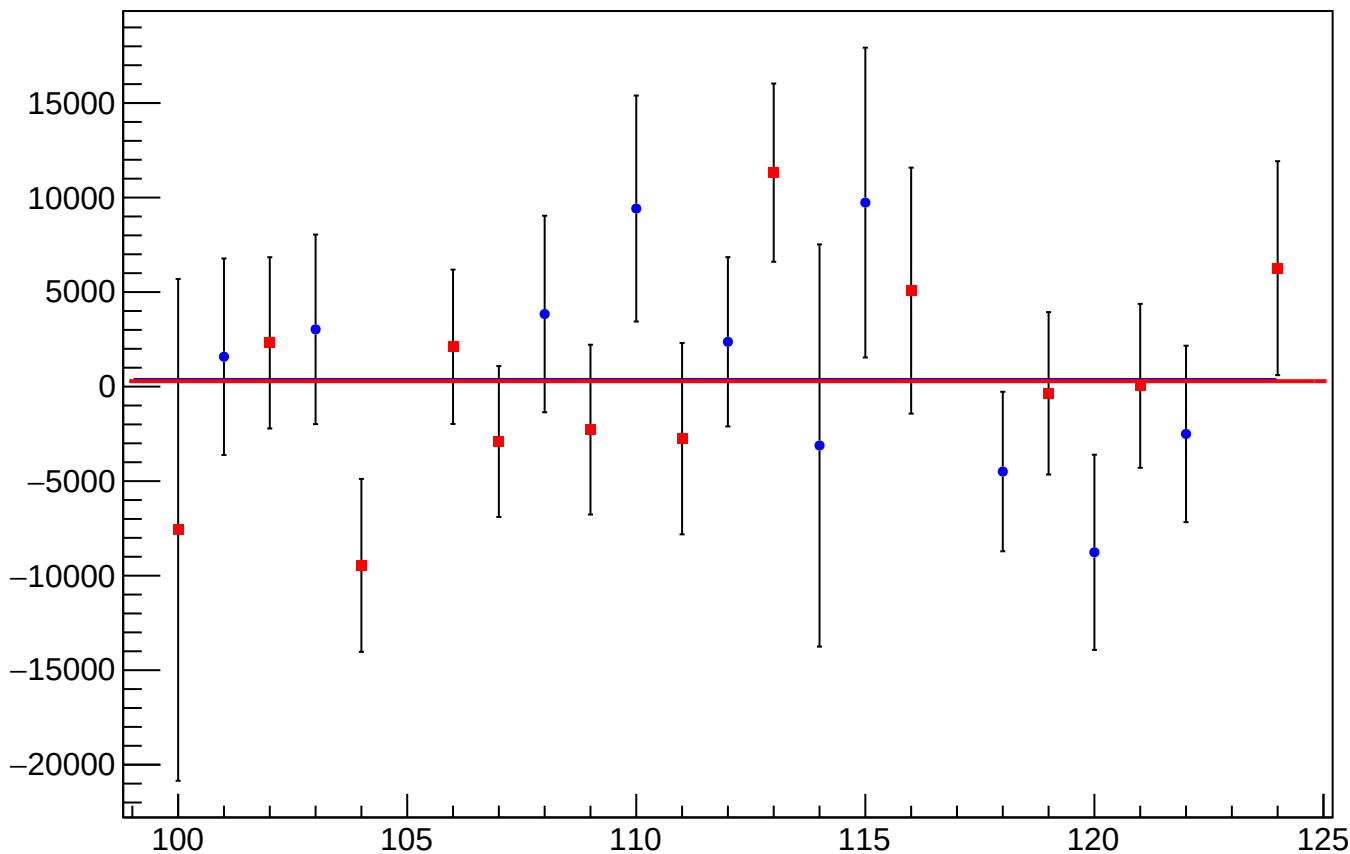
Right: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.383+/-1385.697 χ^2/NDF : 13.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

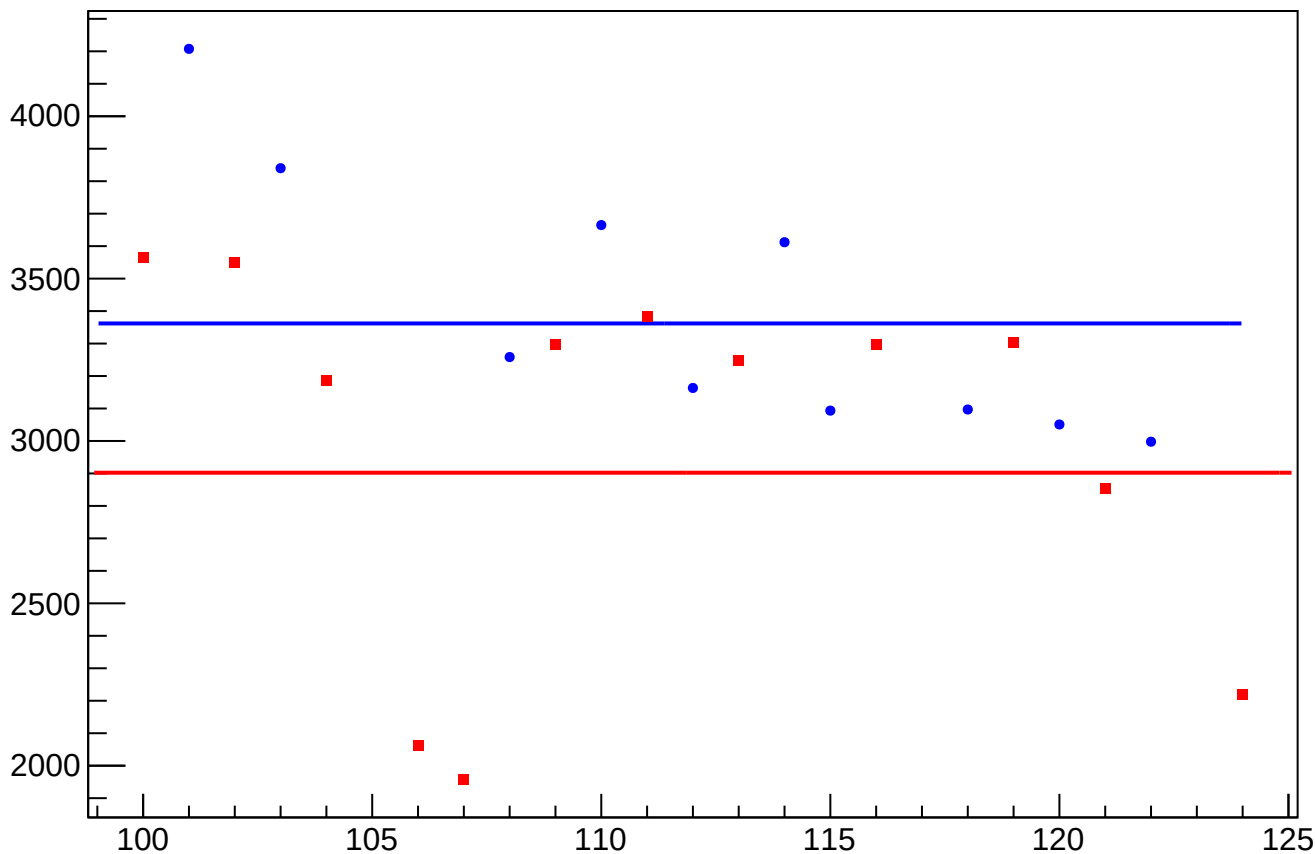
Right: 313.012+/-1068.559 χ^2/NDF : 23.3/21

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.012+/-1068.559 χ^2/NDF : 23.3/21

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2902.260+/-0.980 χ^2/NDF : 349355.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

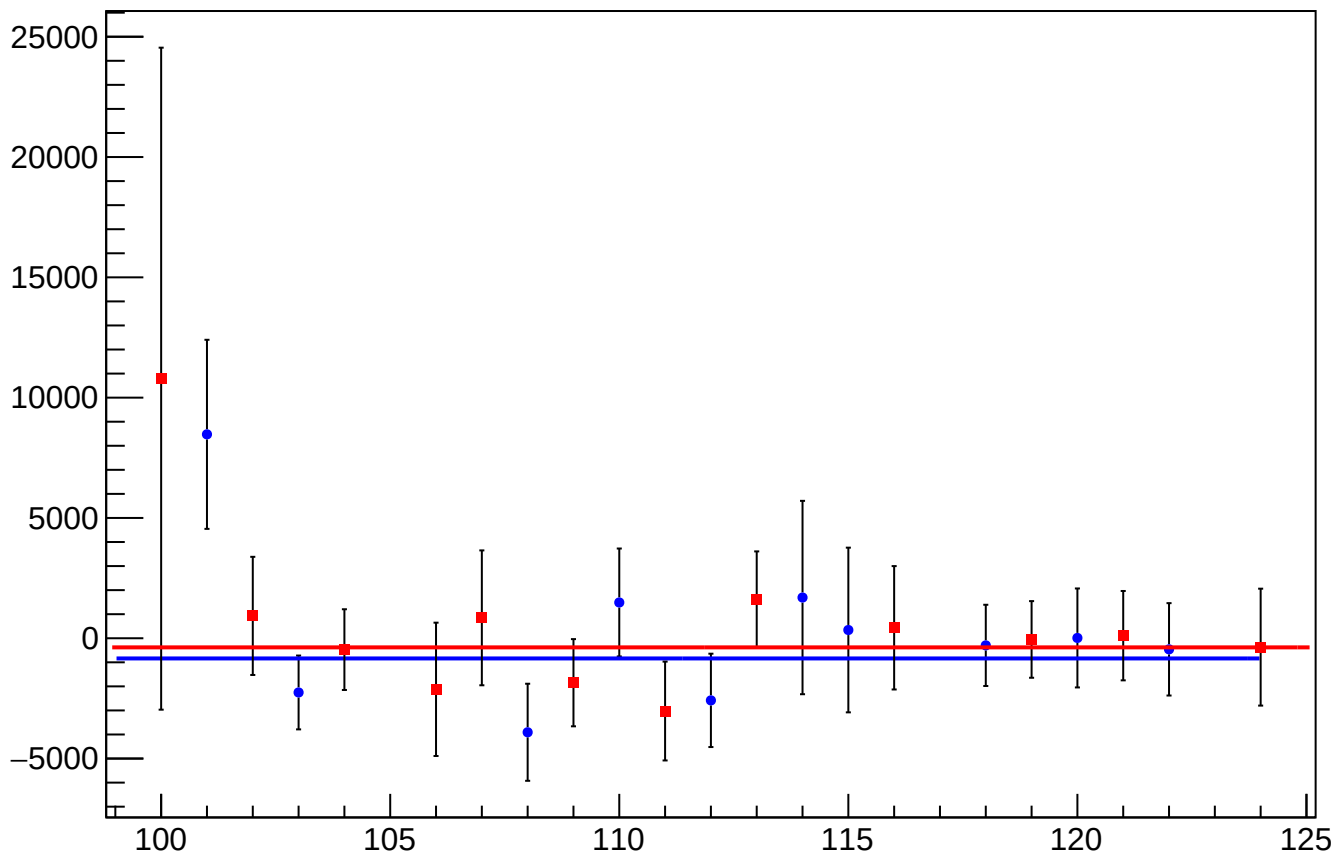
Right: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -839.228+/-673.294 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -379.130+/-622.043 χ^2/NDF : 5.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

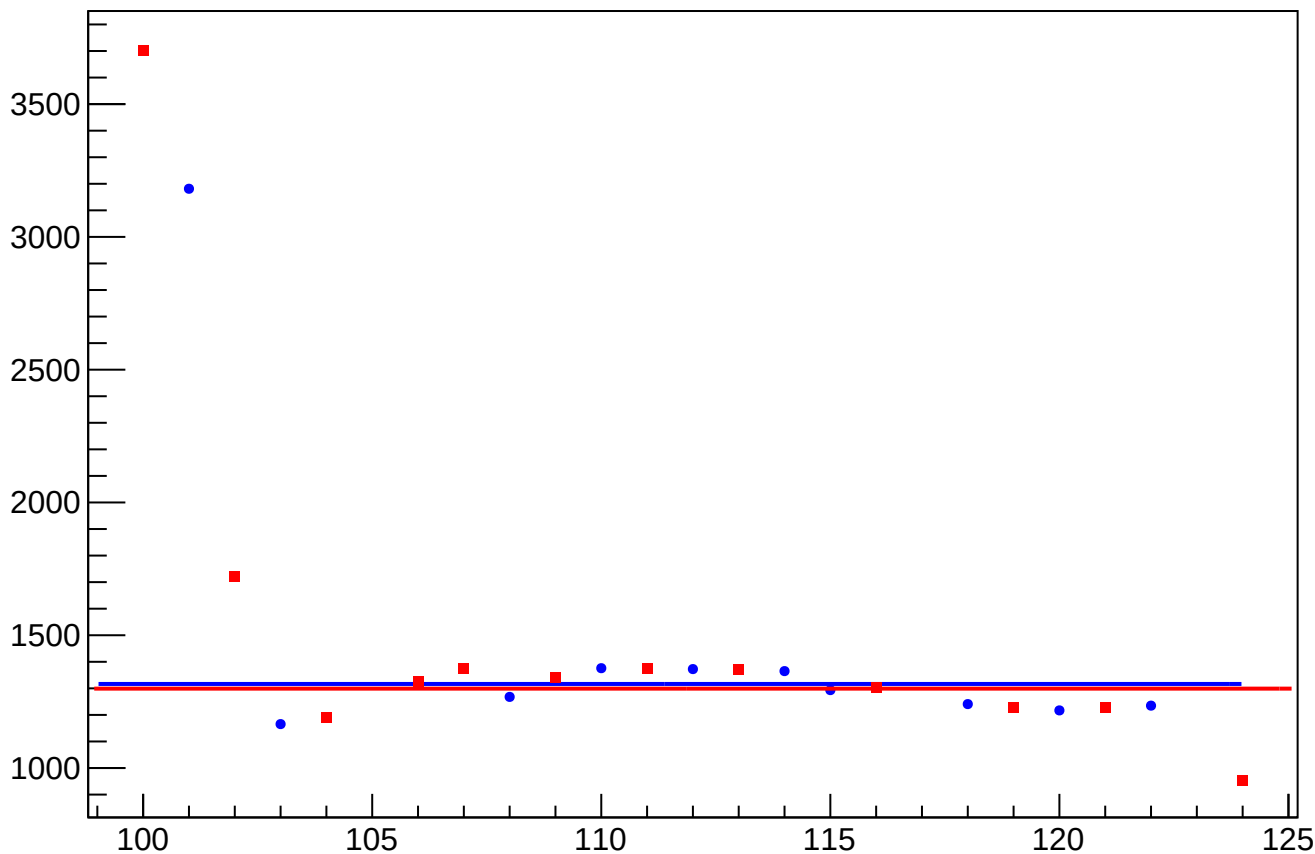
Right: -591.003+/-456.897 χ^2/NDF : 16.8/21

In: -839.228+/-673.294 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -591.003+/-456.897 χ^2/NDF : 16.8/21

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1316.587+/-0.476 χ^2/NDF : 486821.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.988+/-0.439 χ^2/NDF : 183990.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

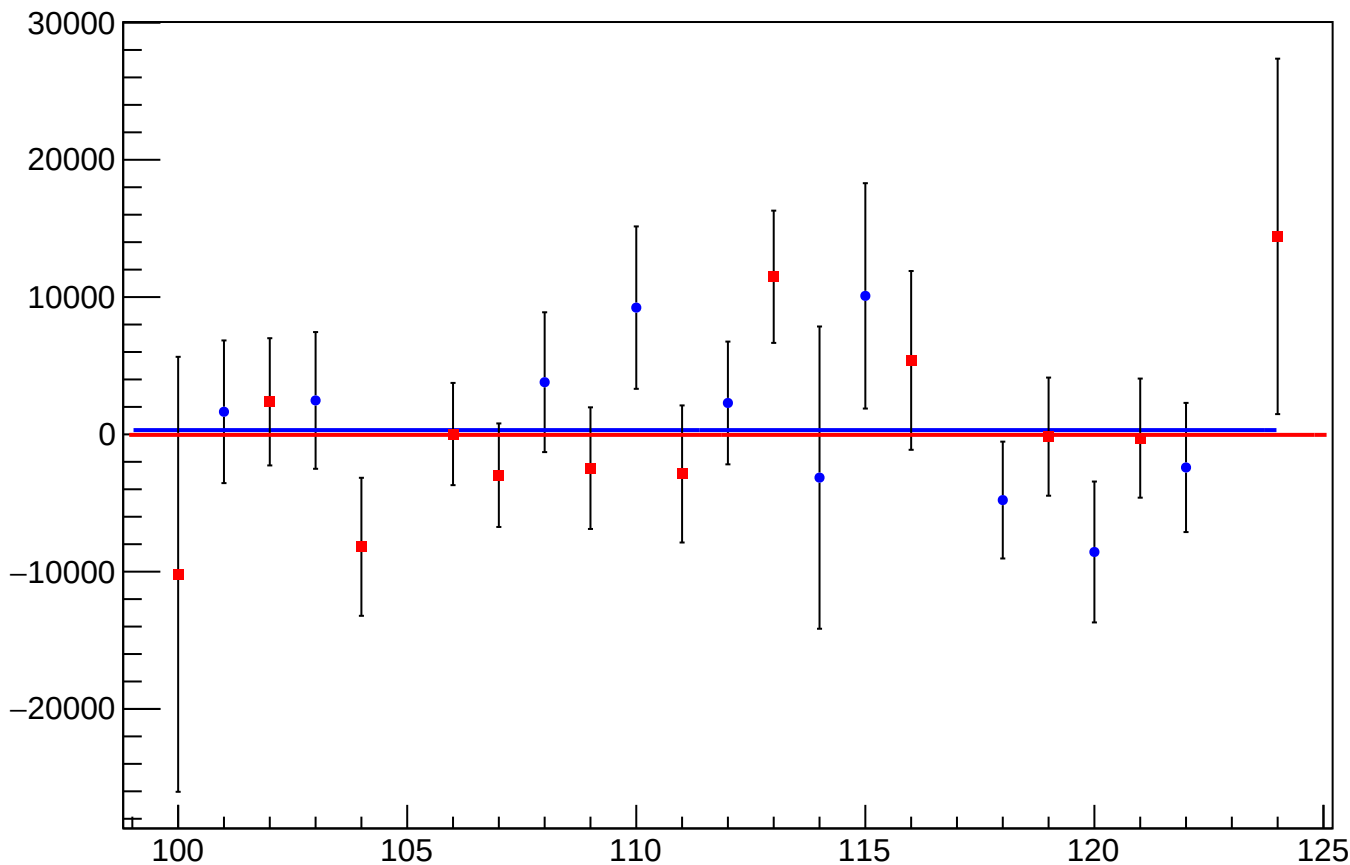
Right: 1307.082+/-0.323 χ^2/NDF : 671550.0/21

In: 1316.587+/-0.476 χ^2/NDF : 486821.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.082+/-0.323 χ^2/NDF : 671550.0/21

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 310.805+/-1675.980 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.707+/-1409.305 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

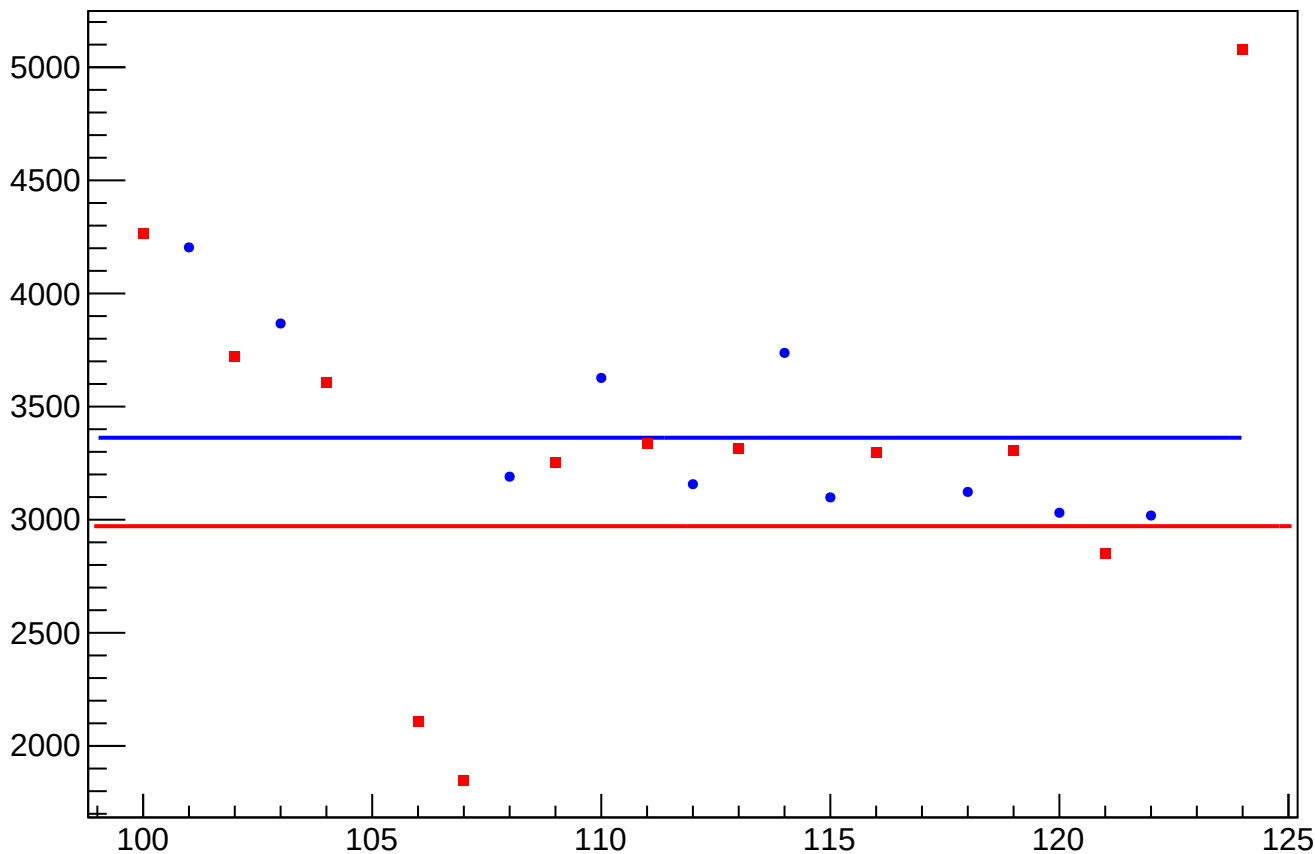
Right: 107.235+/-1078.642 χ^2/NDF : 21.7/21

In: 310.805+/-1675.980 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.235+/-1078.642 χ^2/NDF : 21.7/21

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2971.436+/-0.997 χ^2/NDF : 483469.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

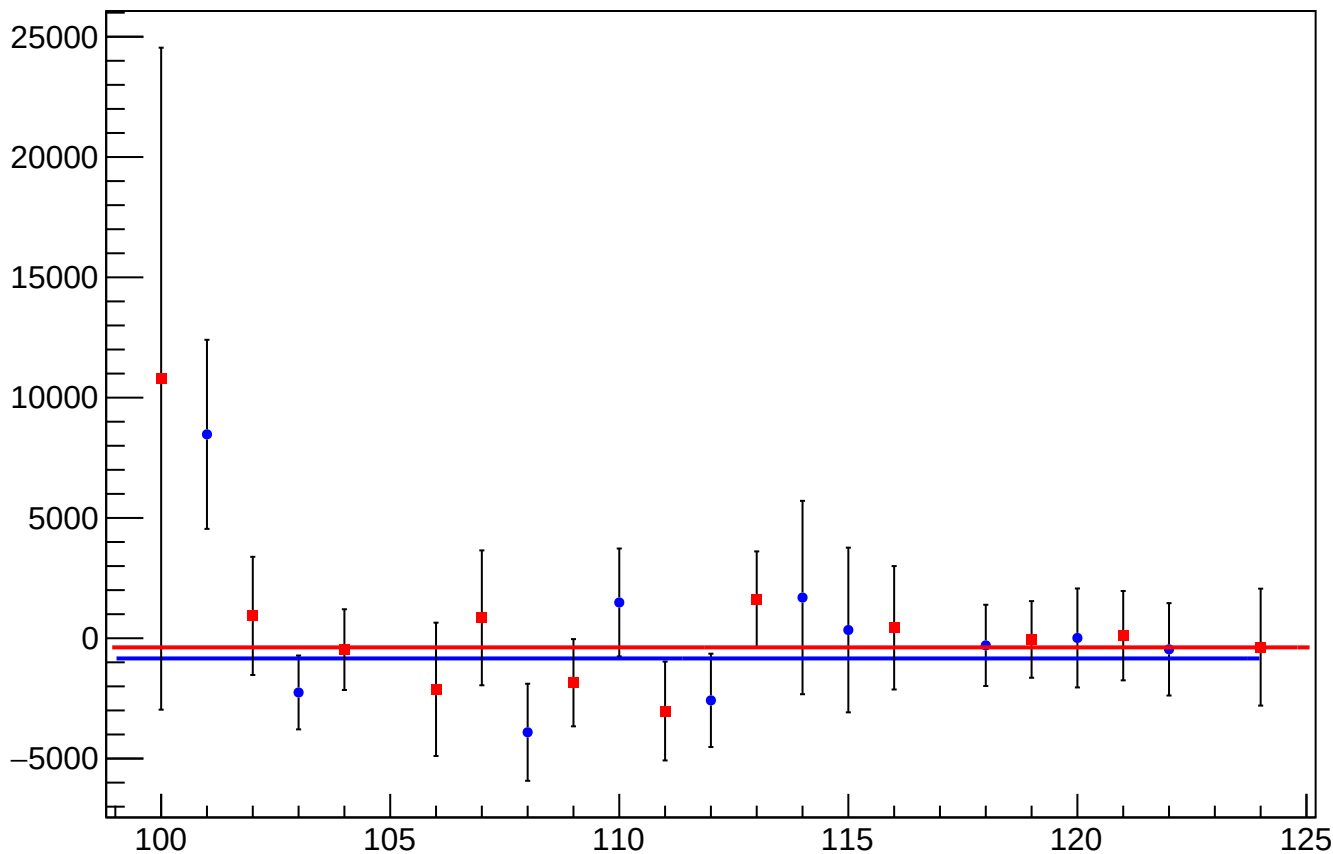
Right: 3133.366+/-0.763 χ^2/NDF : 660470.6/21

In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.366+/-0.763 χ^2/NDF : 660470.6/21

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -839.225+/-673.294 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -379.140+/-622.043 χ^2/NDF : 5.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

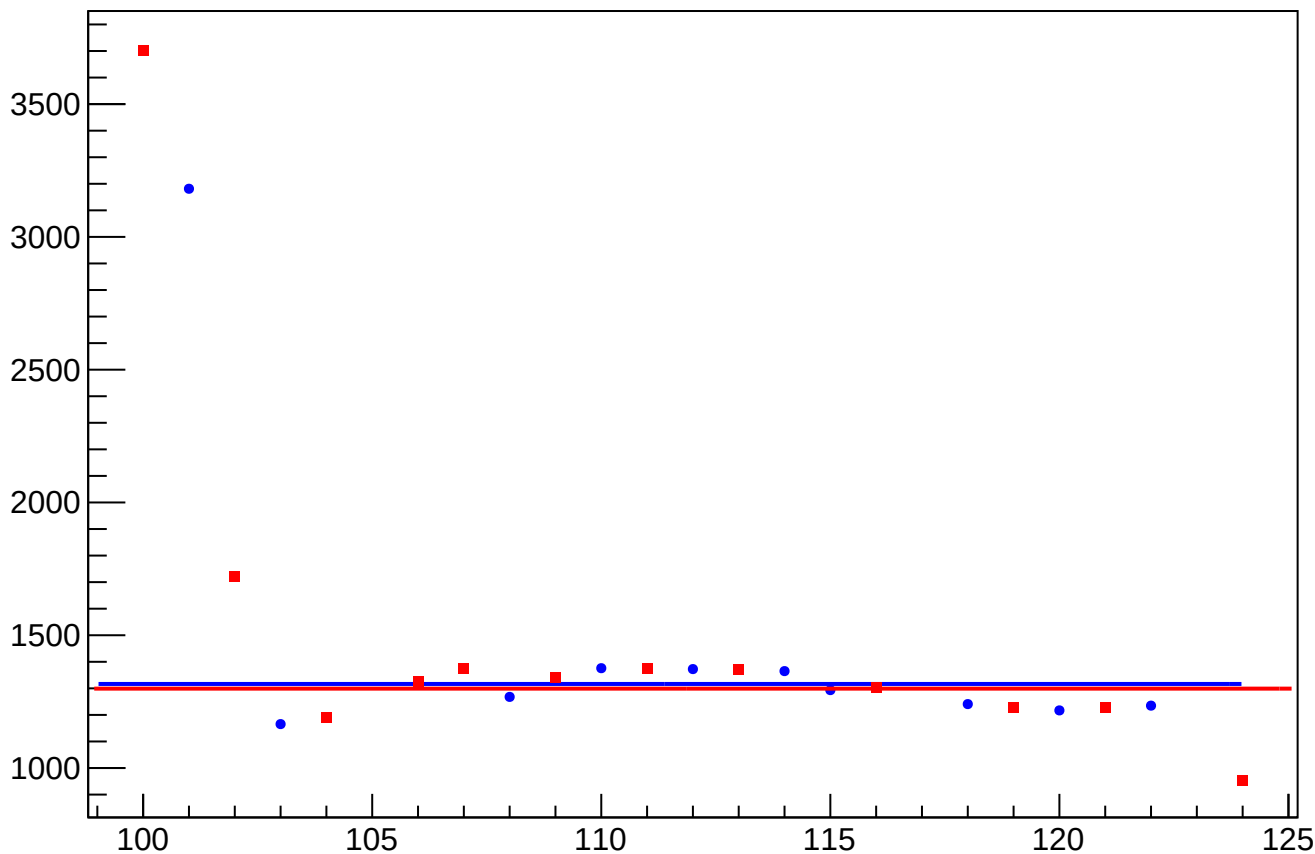
Right: -591.007+/-456.897 χ^2/NDF : 16.8/21

In: -839.225+/-673.294 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -591.007+/-456.897 χ^2/NDF : 16.8/21

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1316.587+/-0.476 χ^2/NDF : 486821.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.988+/-0.439 χ^2/NDF : 183990.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

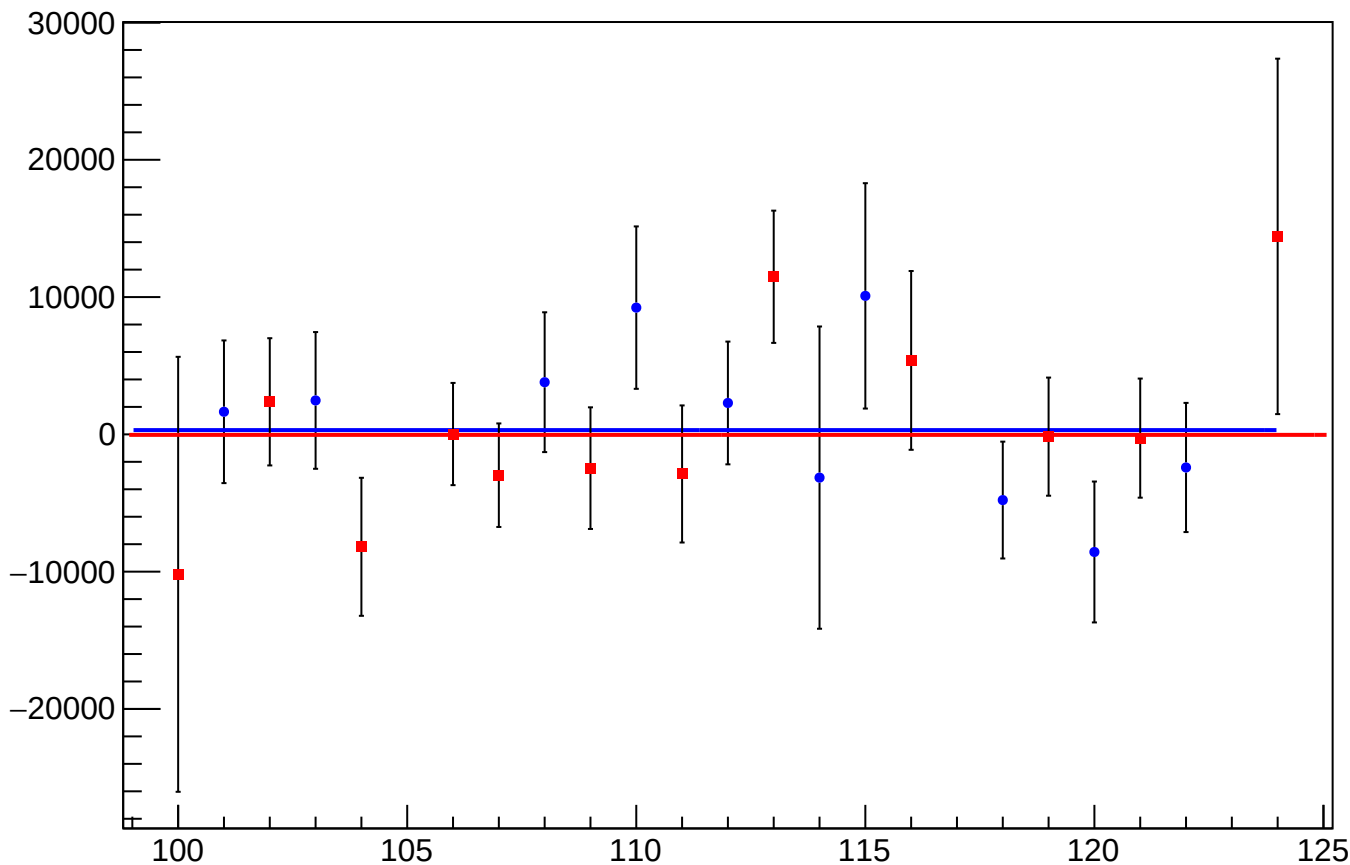
Right: 1307.082+/-0.323 χ^2/NDF : 671550.1/21

In: 1316.587+/-0.476 χ^2/NDF : 486821.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.082+/-0.323 χ^2/NDF : 671550.1/21

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 310.796 $\pm$ 1675.975 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.711 $\pm$ 1409.301 χ^2 /NDF: 12.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

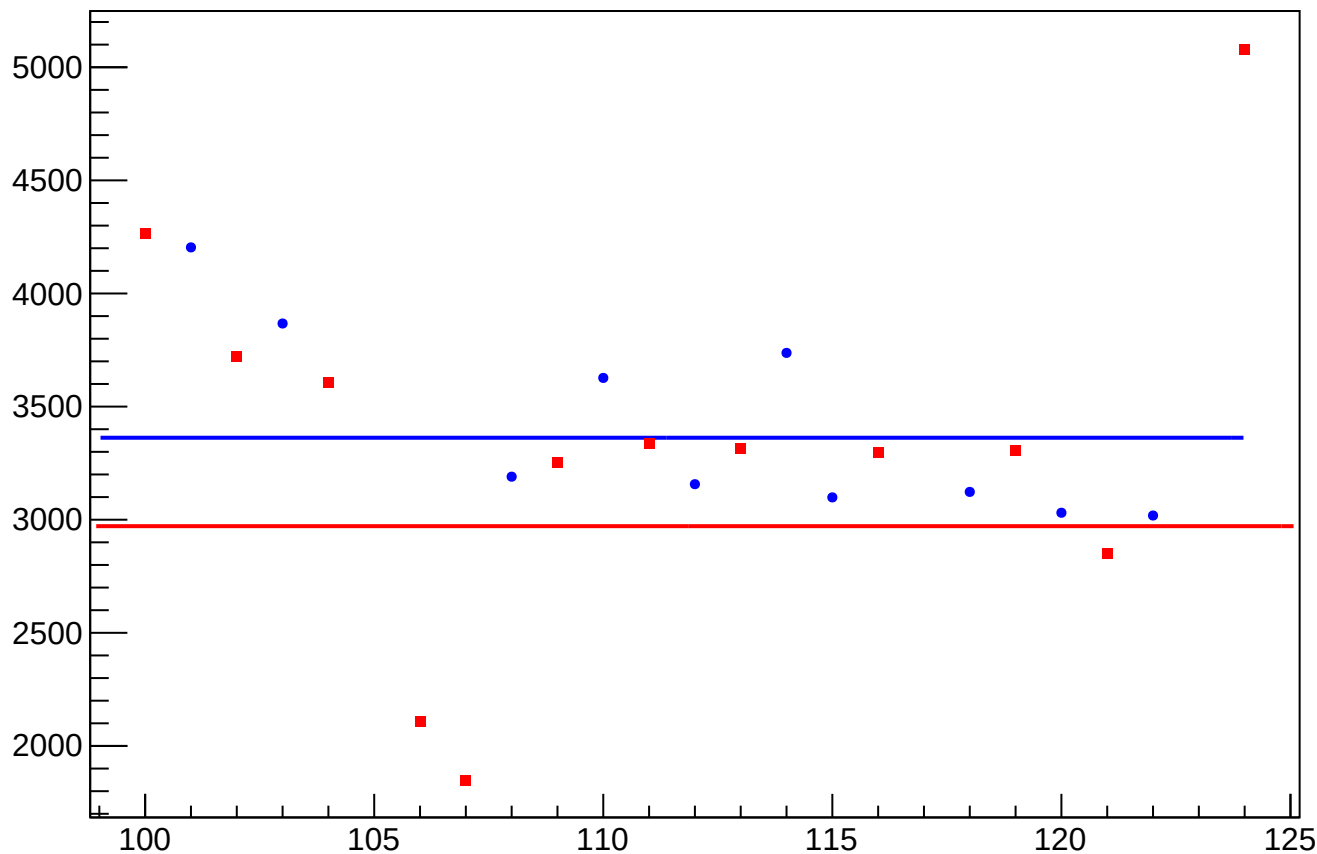
Right: 107.229 $\pm$ 1078.639 χ^2 /NDF: 21.7/21

In: 310.796 $\pm$ 1675.975 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.229 $\pm$ 1078.639 χ^2 /NDF: 21.7/21

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2971.428+/-0.997 χ^2/NDF : 483472.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

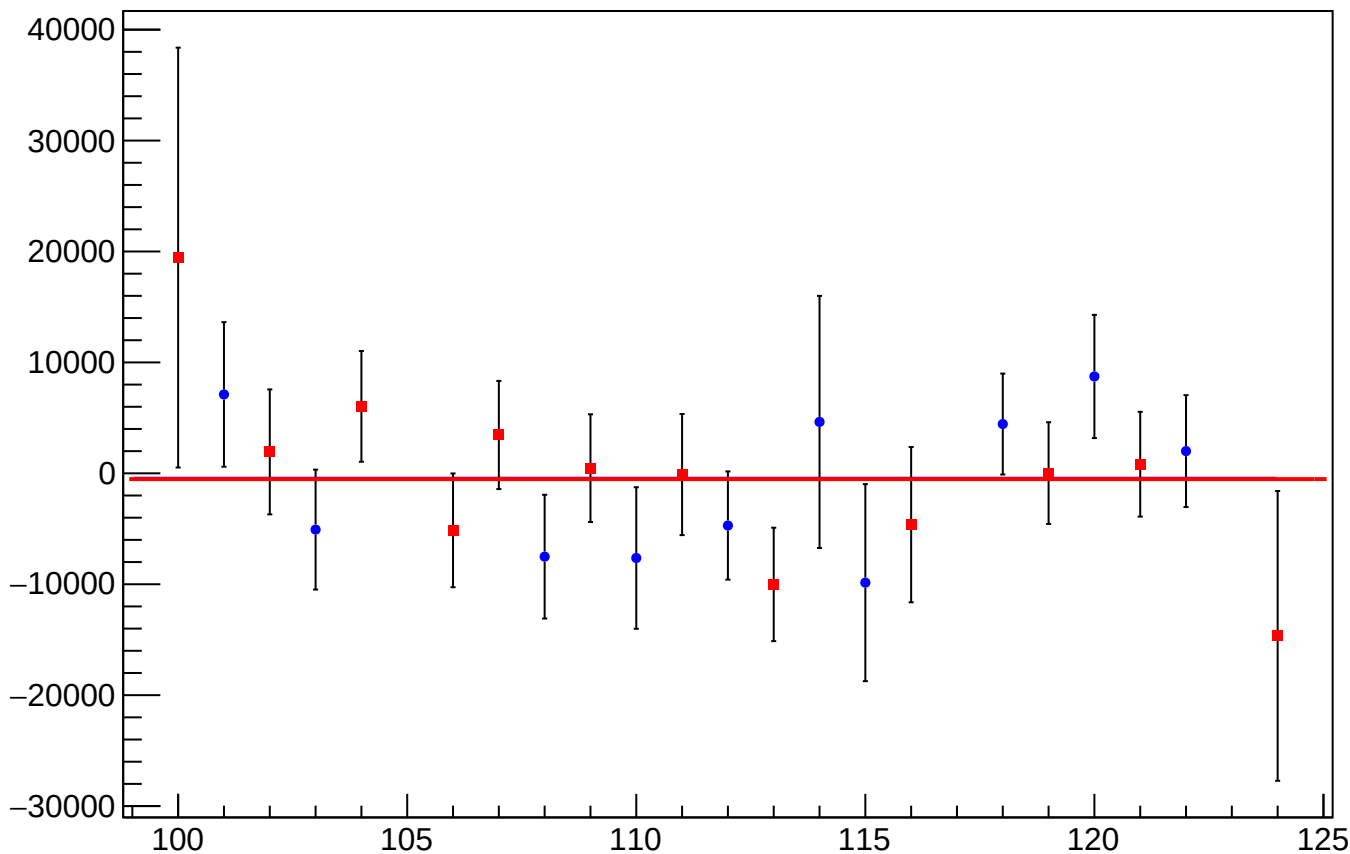
Right: 3133.357+/-0.763 χ^2/NDF : 660475.0/21

In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.357+/-0.763 χ^2/NDF : 660475.0/21

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -521.763+/-1606.770 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

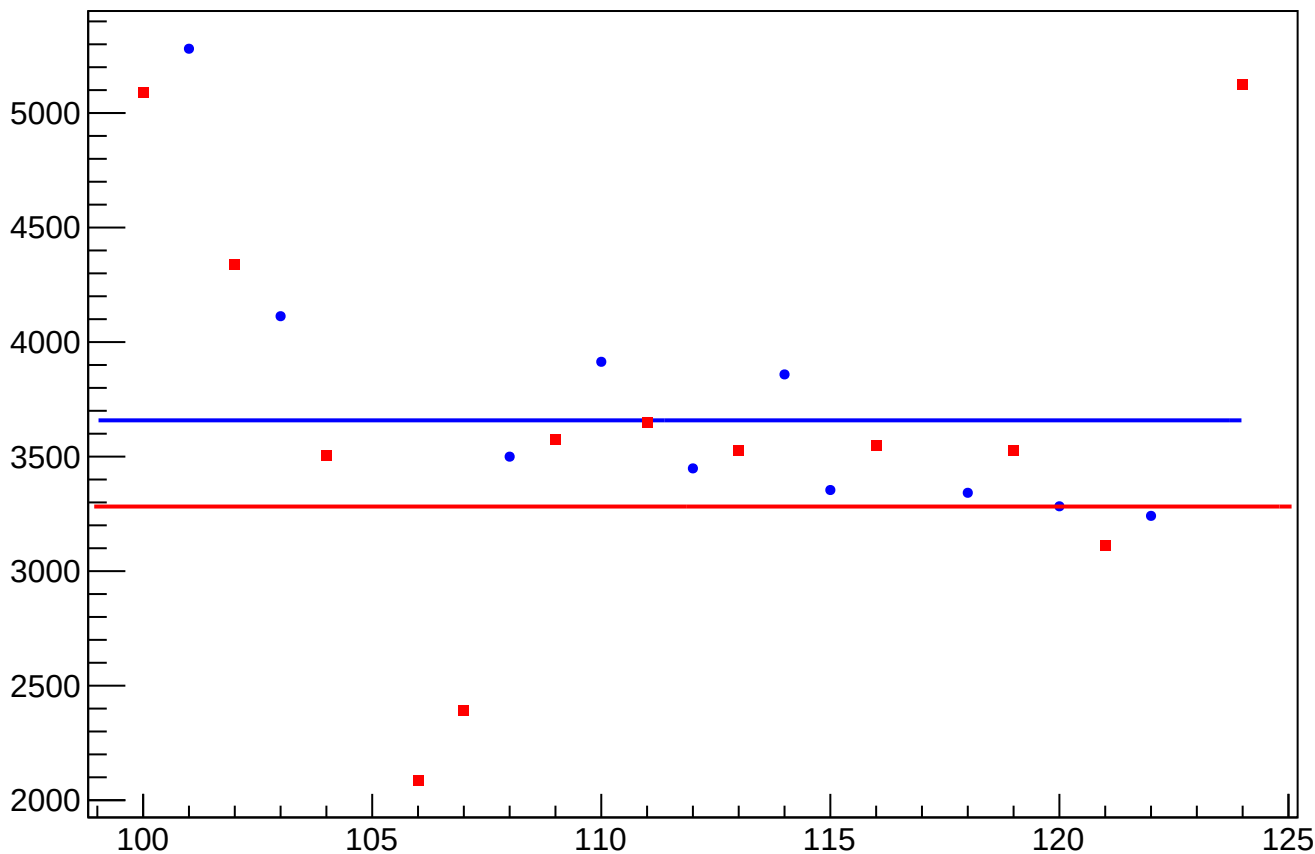
Right: -507.398+/-1208.945 χ^2/NDF : 20.8/21

In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.398+/-1208.945 χ^2/NDF : 20.8/21

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3282.046+/-1.114 χ^2/NDF : 383523.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

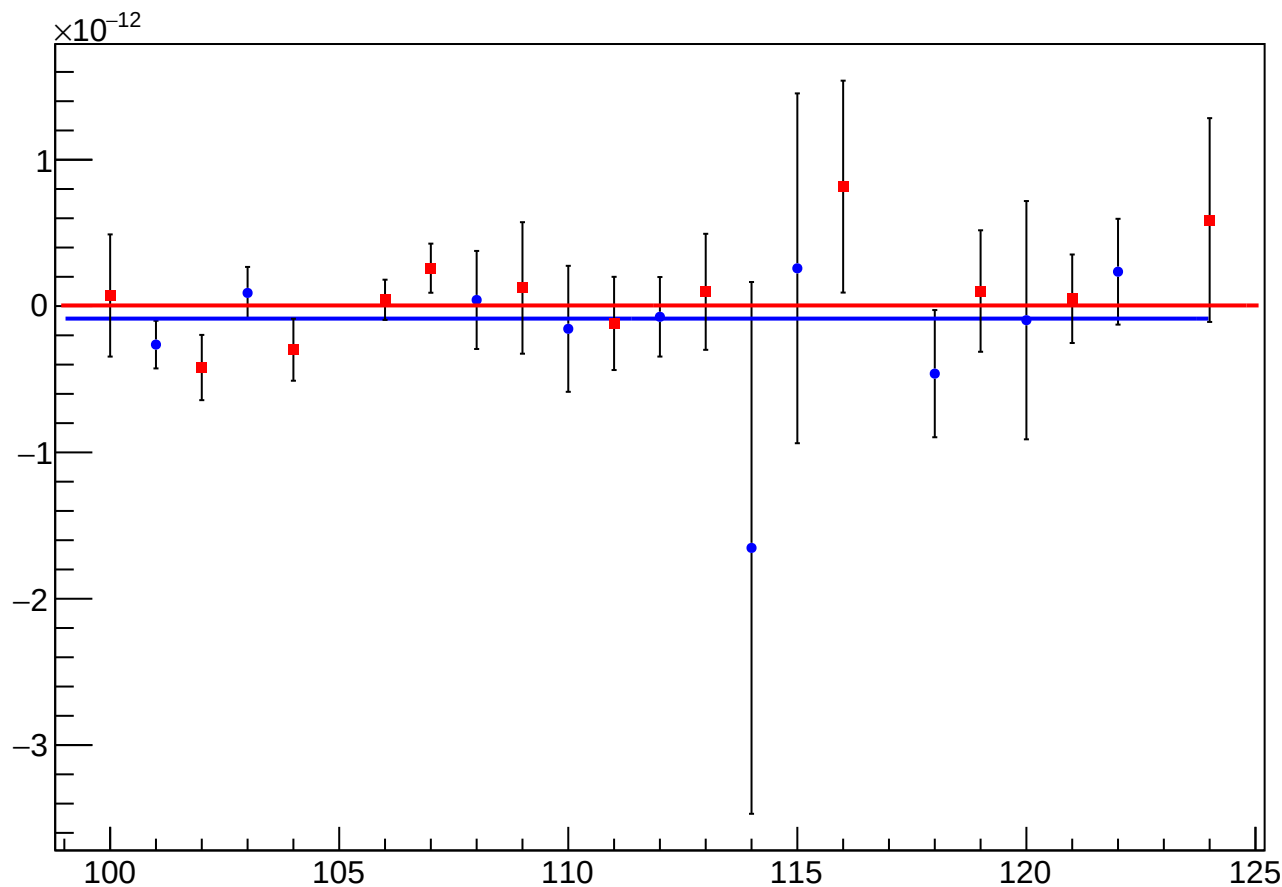
Right: 3441.672+/-0.845 χ^2/NDF : 613928.0/21

In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3441.672+/-0.845 χ^2/NDF : 613928.0/21

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

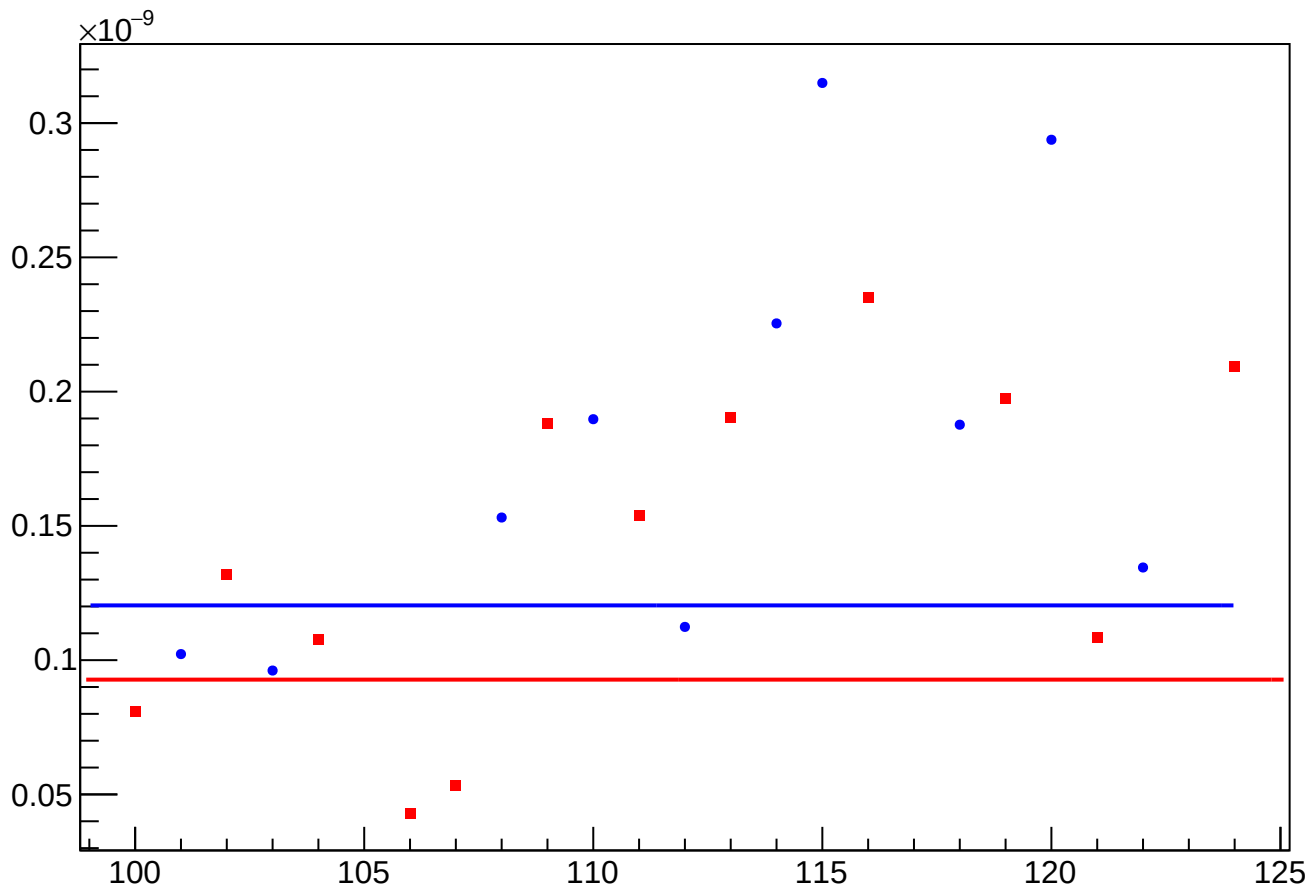
Right: -0.000+/-0.000 χ^2/NDF : 15.6/21

In: -0.000+/-0.000 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.6/21

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 336127.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 997695.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

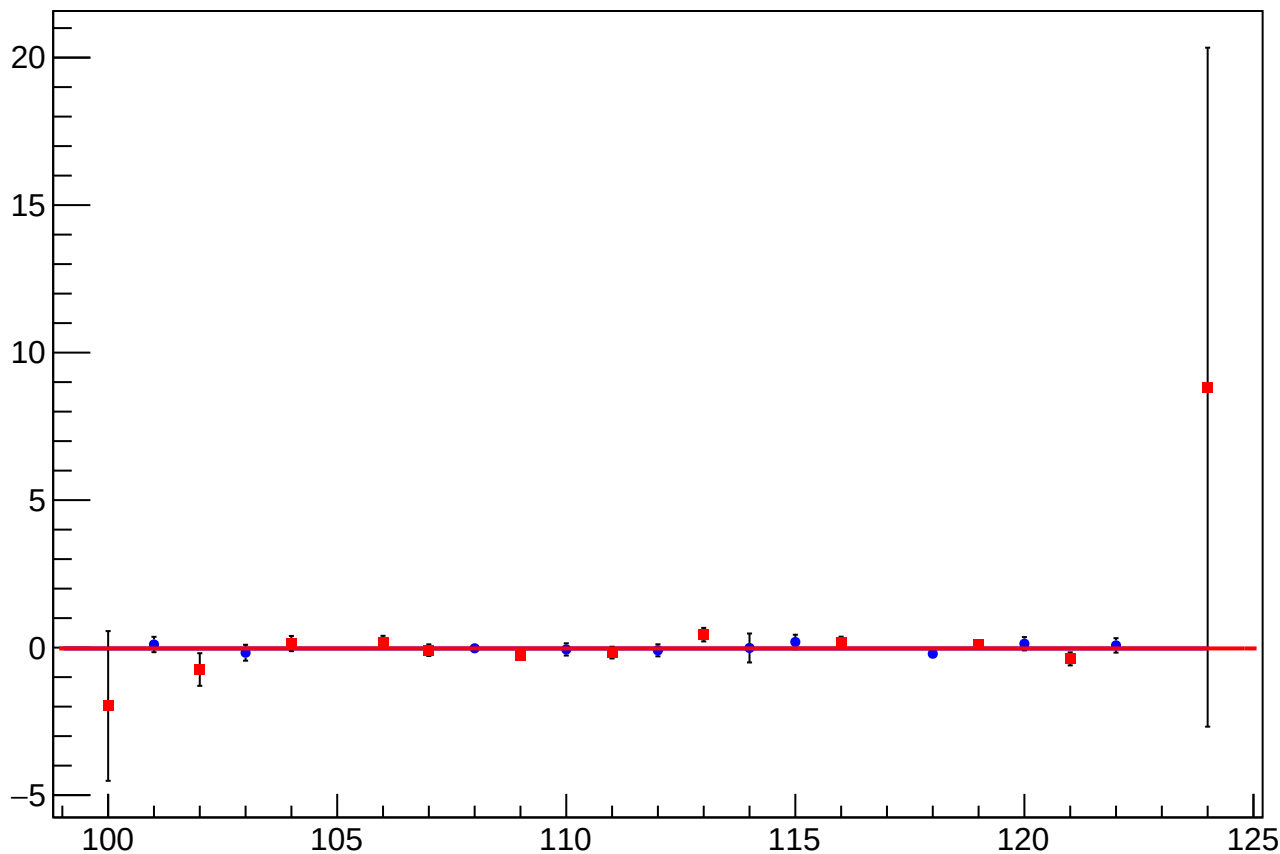
Right: 0.000+/-0.000 χ^2/NDF : 1439374.2/21

In: 0.000+/-0.000 χ^2/NDF : 336127.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1439374.2/21

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.065 χ^2/NDF : 15.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

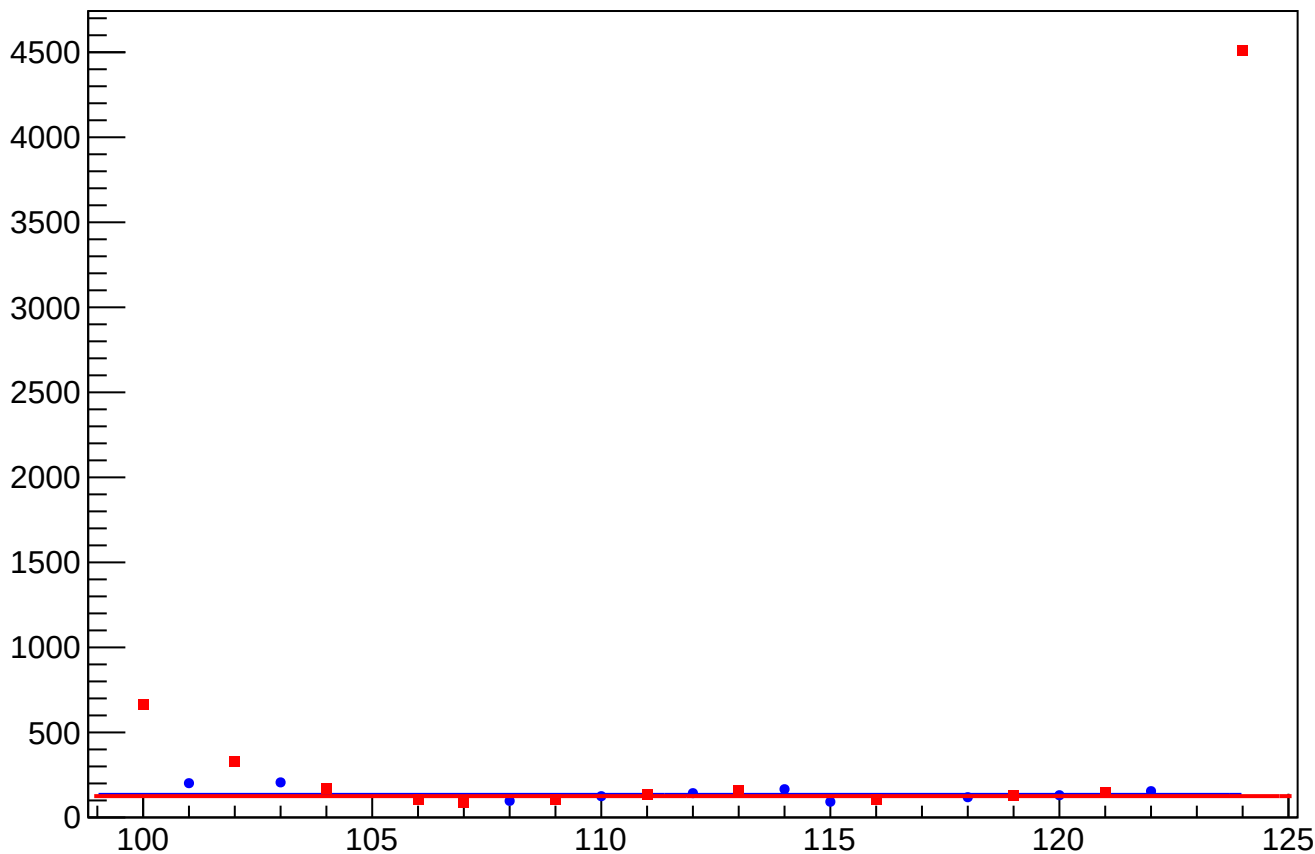
Right: -0.029 ± 0.047 χ^2/NDF : 18.6/21

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.047 χ^2/NDF : 18.6/21

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.402+/-0.046 χ^2/NDF : 900514.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

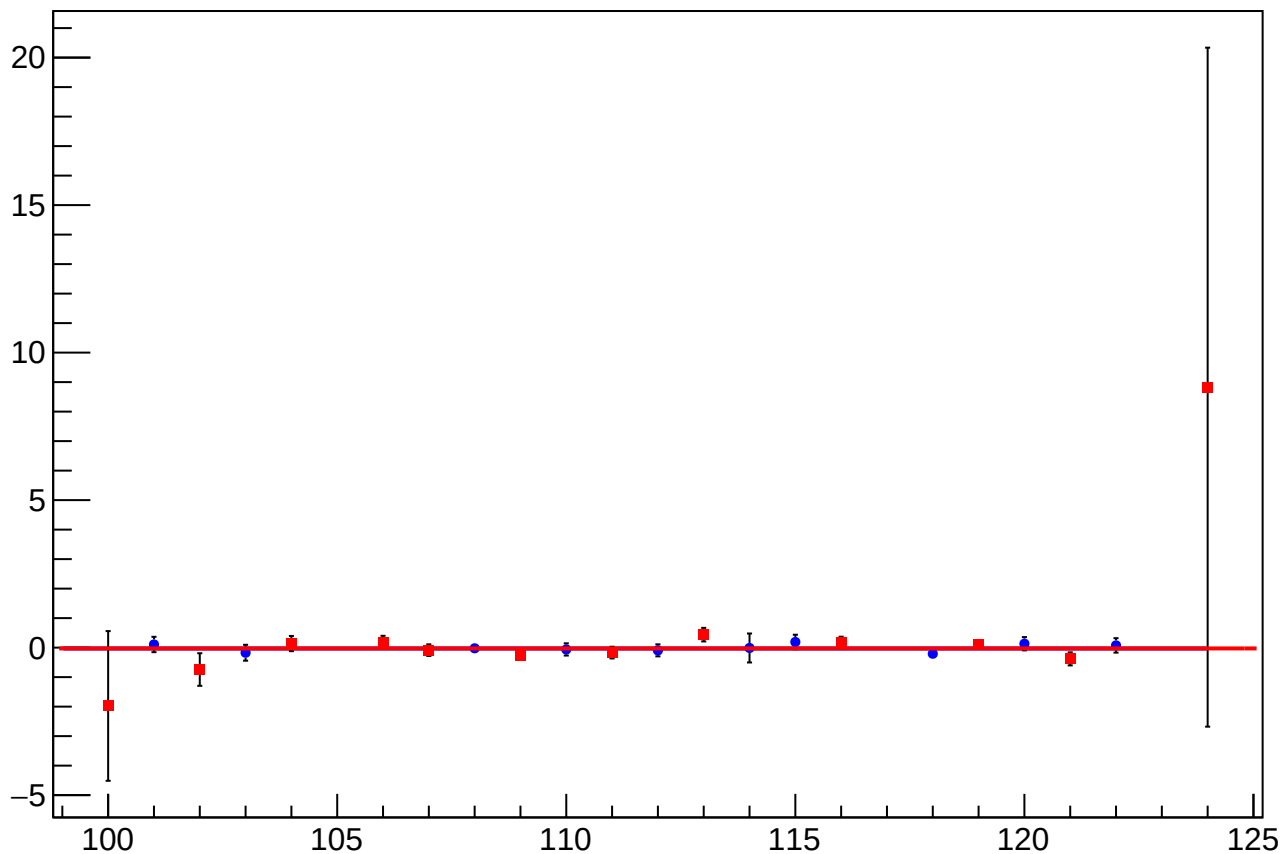
Right: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.065 χ^2/NDF : 15.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

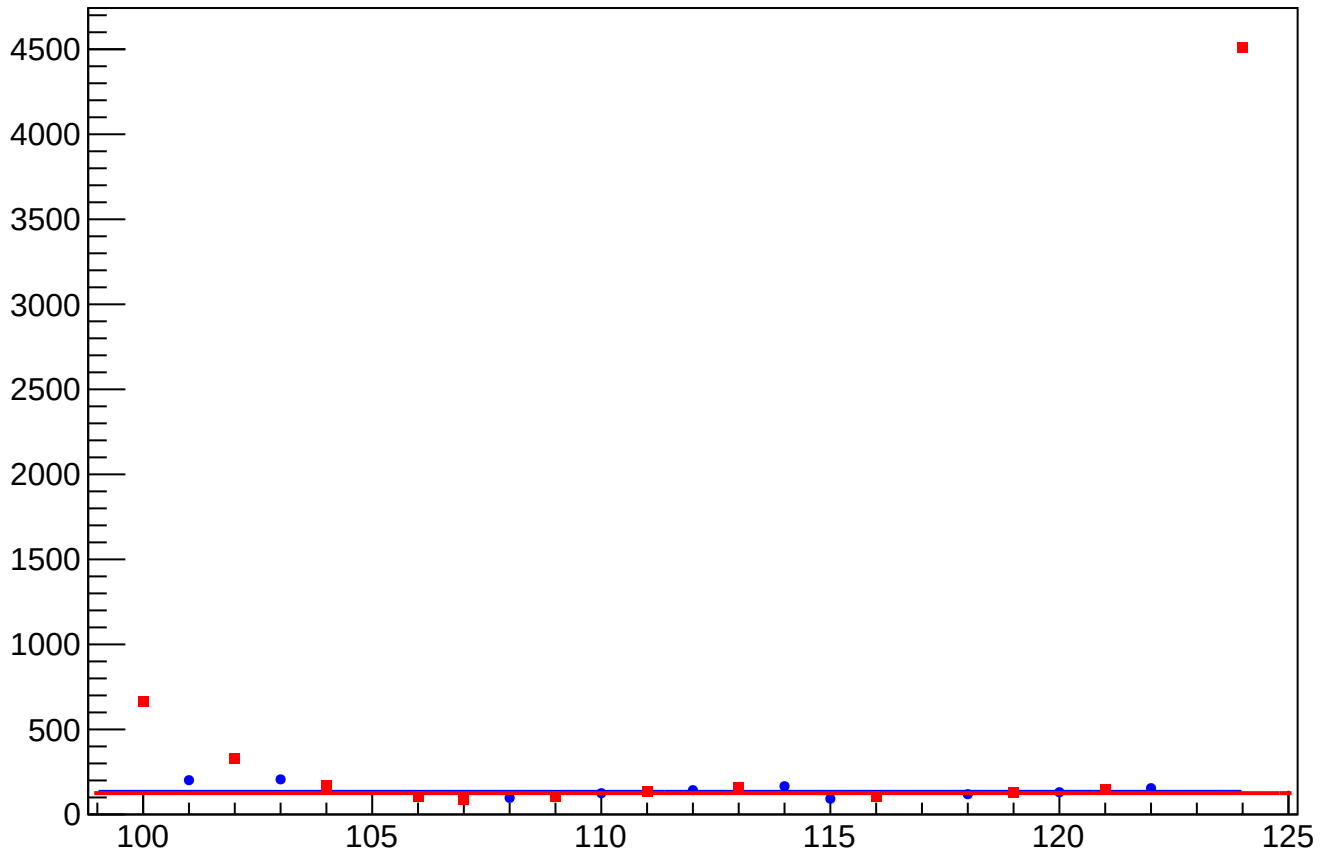
Right: -0.029 ± 0.047 χ^2/NDF : 18.6/21

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.047 χ^2/NDF : 18.6/21

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.402+/-0.046 χ^2/NDF : 900514.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

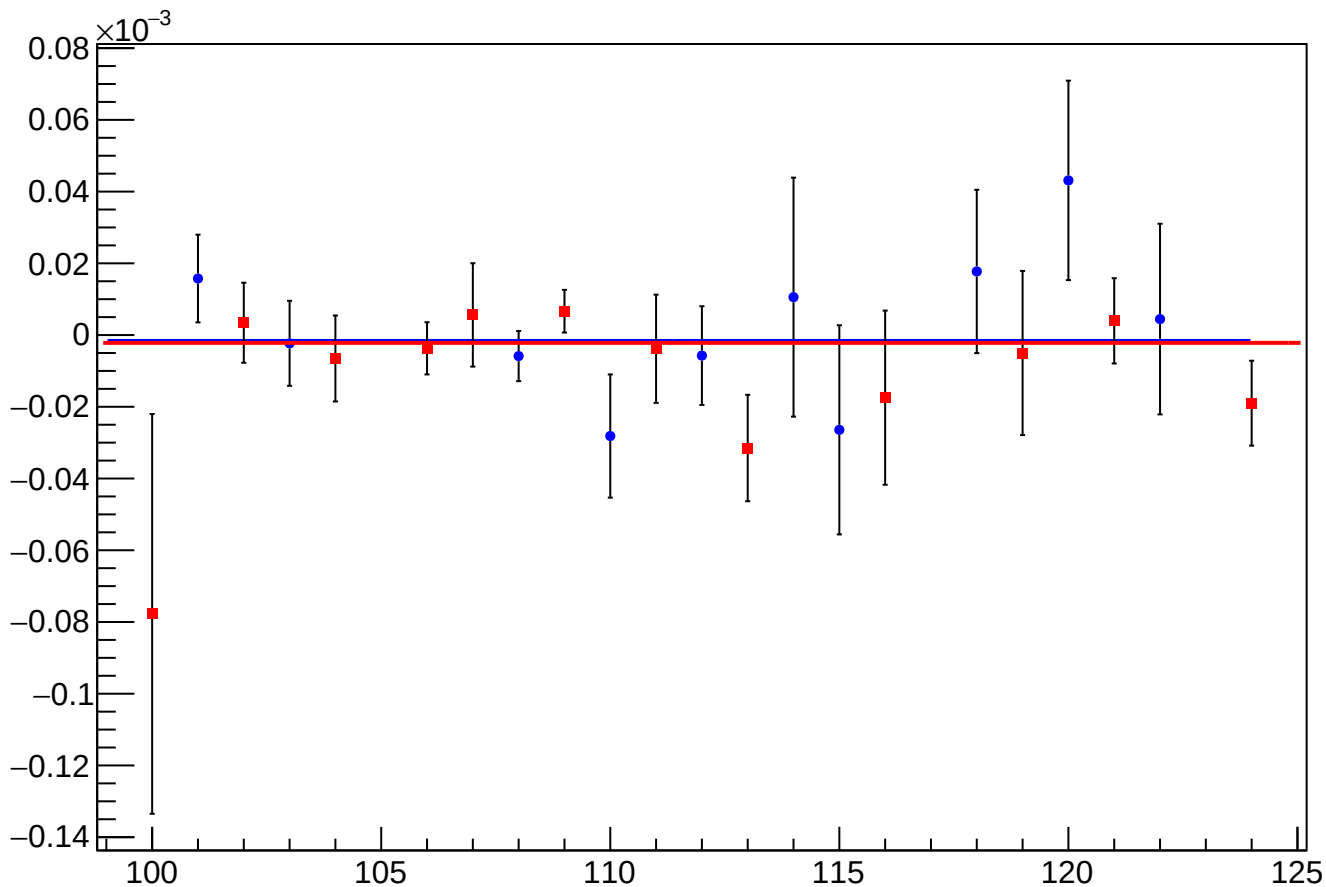
Right: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

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: 9.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.4/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

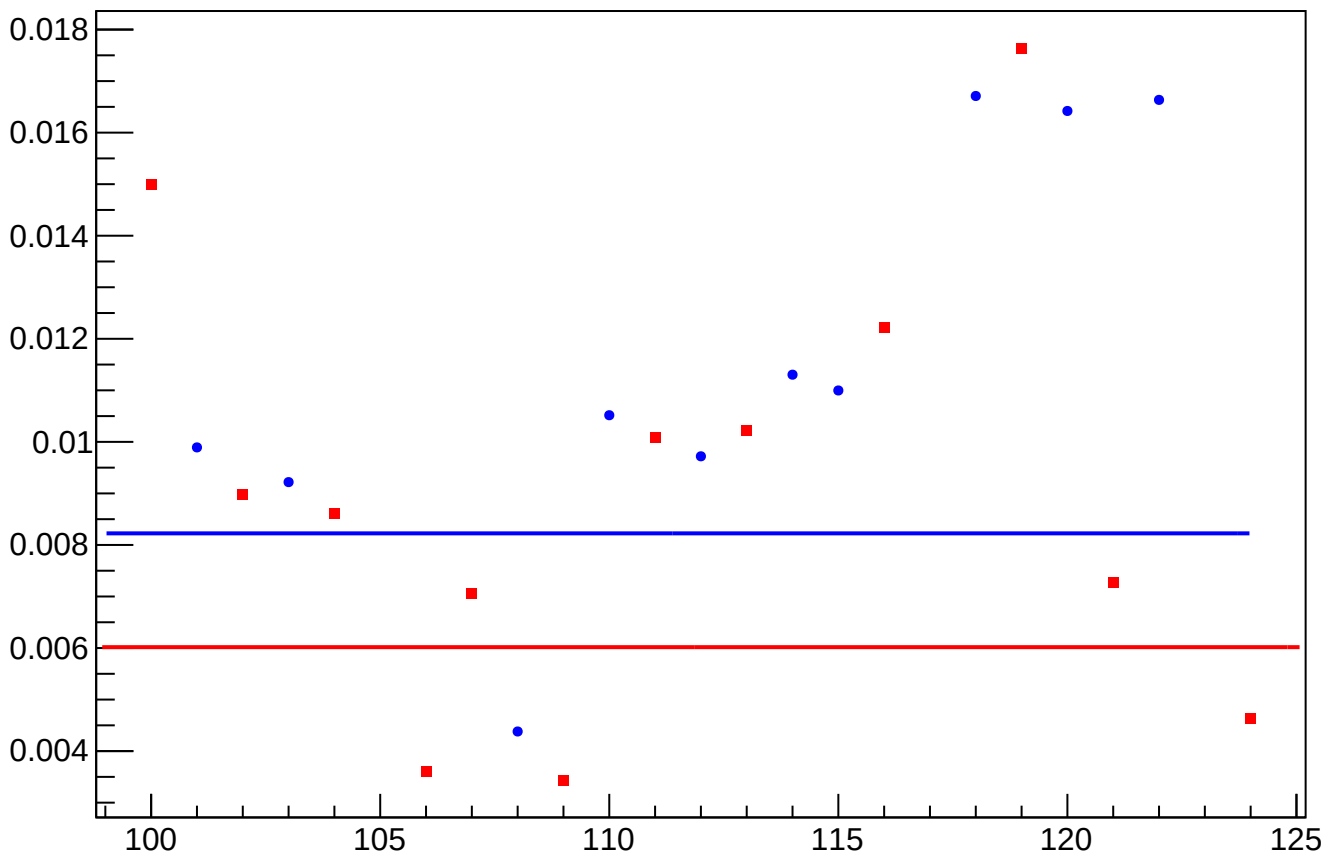
Right: -0.000+/-0.000 χ^2 /NDF: 20.5/21

In: -0.000+/-0.000 χ^2 /NDF:9.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.5/21

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 : 1403174.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1894780.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

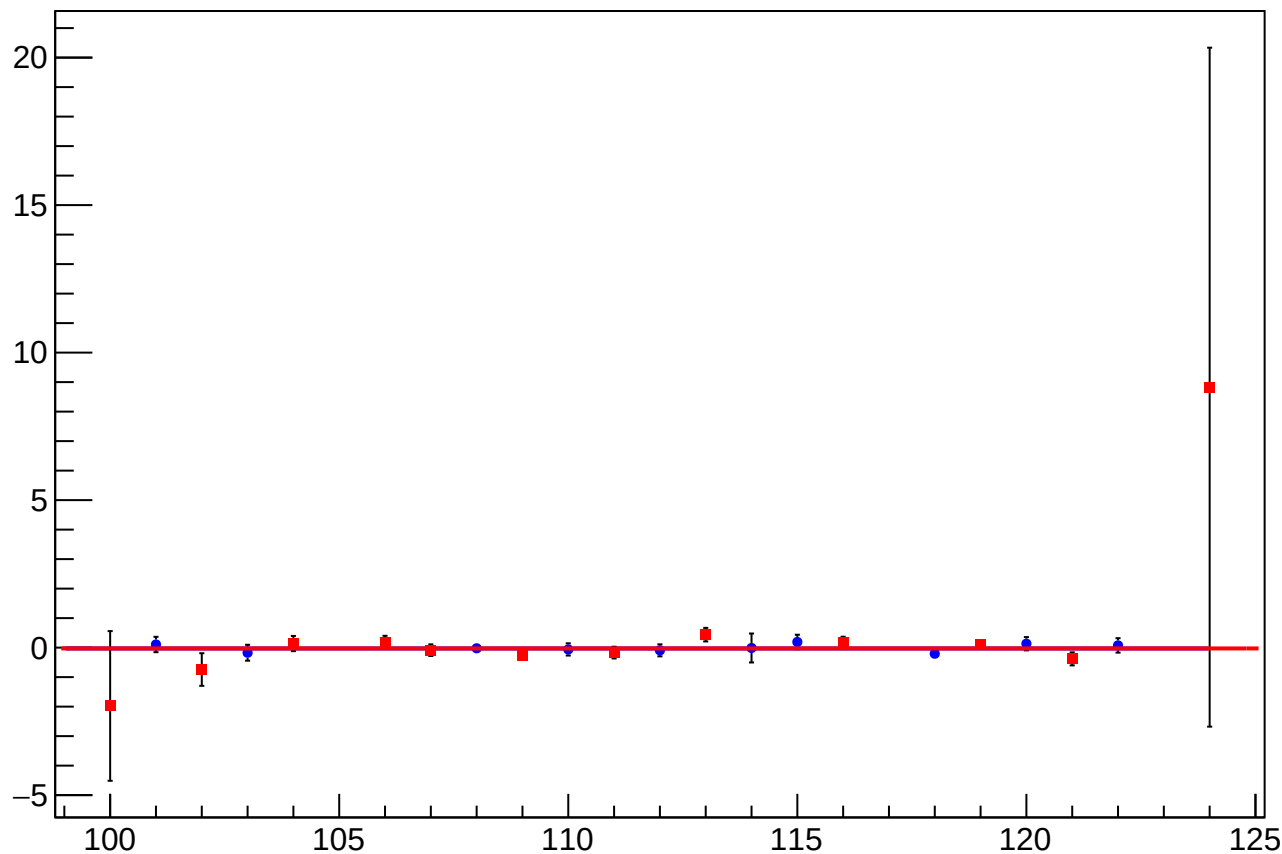
Right: 0.007+/-0.000 χ^2/NDF : 3614888.1/21

In: 0.008+/-0.000 χ^2/NDF :1403174.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3614888.1/21

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.069 χ^2/NDF : 3.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.027+/-0.065 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

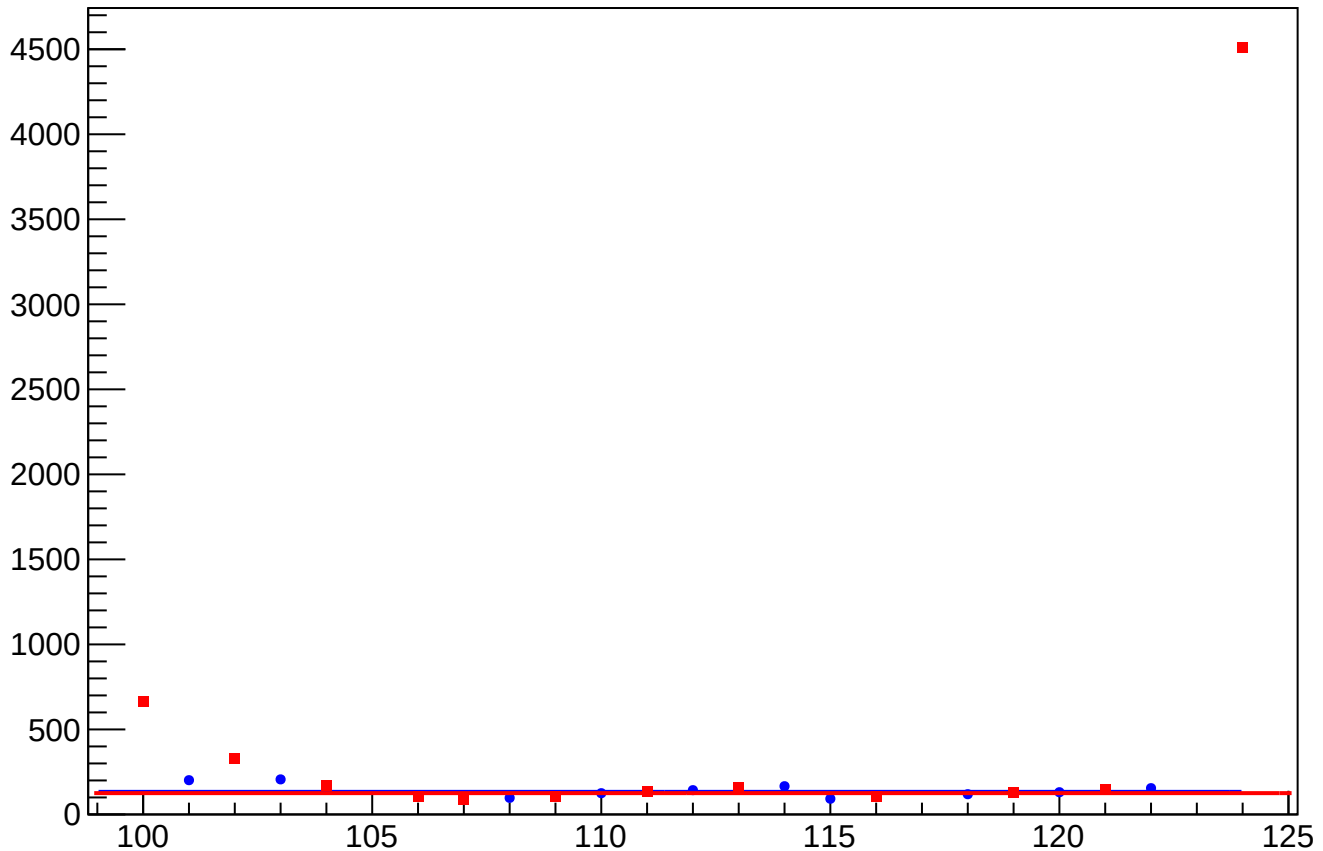
Right: -0.029+/-0.047 χ^2/NDF : 18.6/21

In: -0.030+/-0.069 χ^2/NDF :3.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.029+/-0.047 χ^2/NDF : 18.6/21

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.404+/-0.046 χ^2/NDF : 900463.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

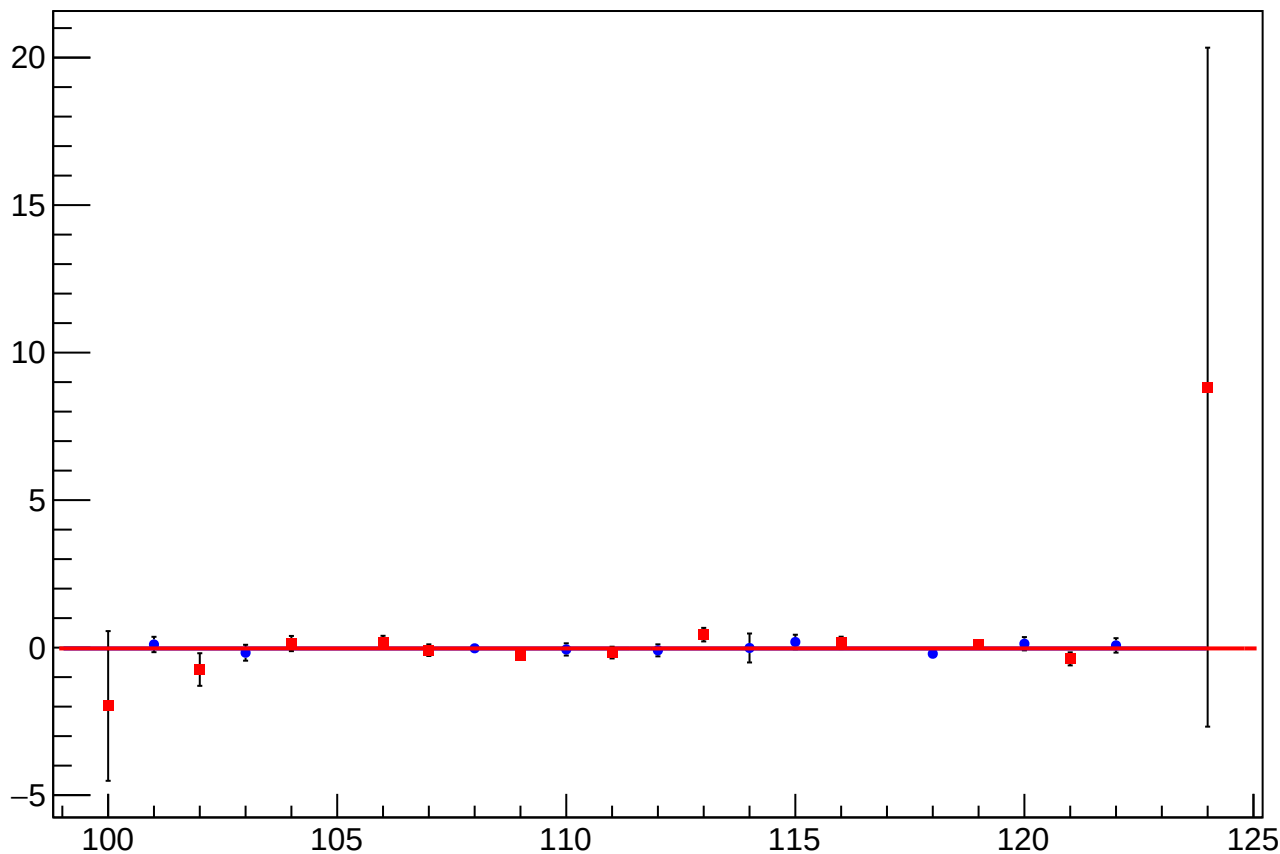
Right: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.069 χ^2 /NDF: 3.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.027+/-0.065 χ^2 /NDF: 15.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

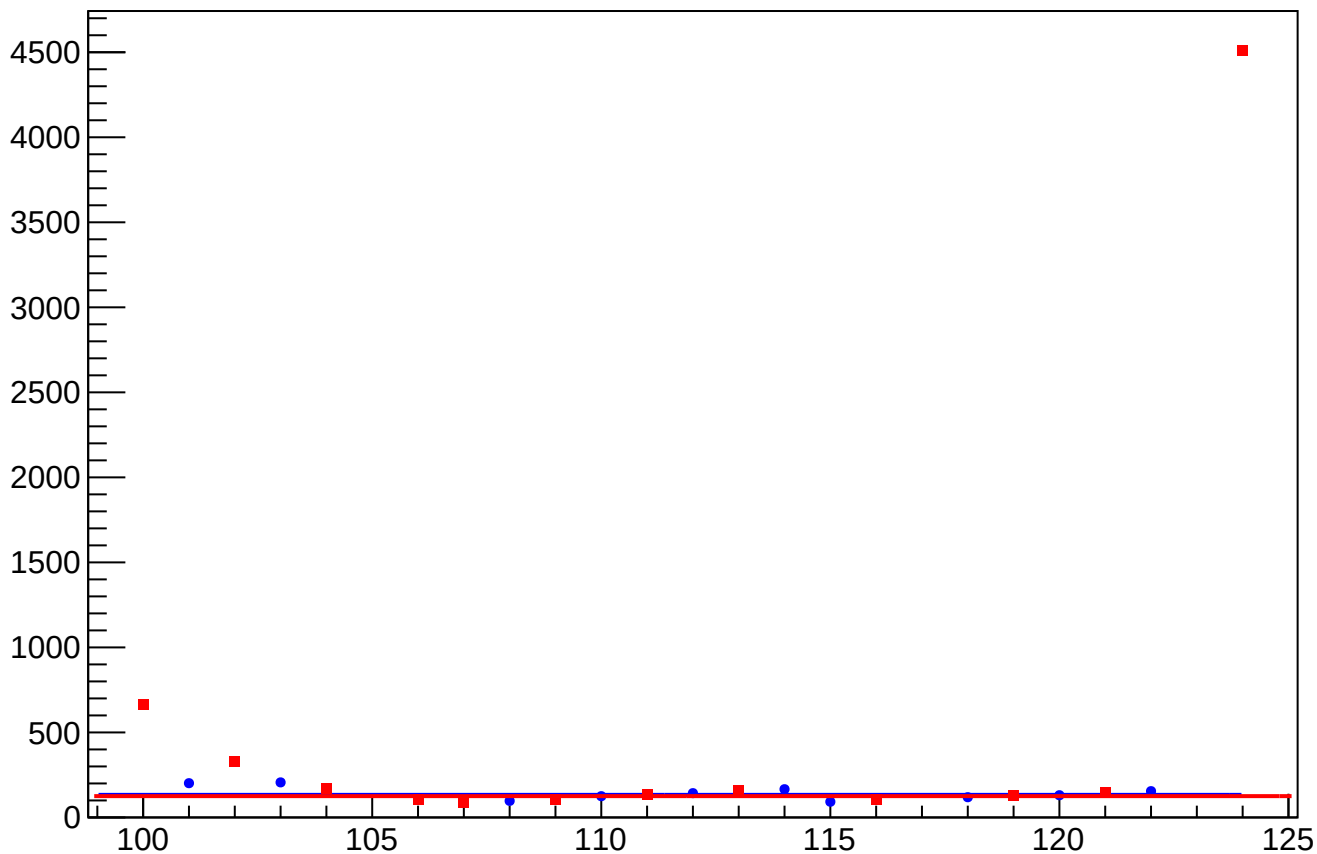
Right: -0.029+/-0.047 χ^2 /NDF: 18.6/21

In: -0.030+/-0.069 χ^2 /NDF:3.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.029+/-0.047 χ^2 /NDF: 18.6/21

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 125.404+/-0.046 χ^2/NDF : 900463.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

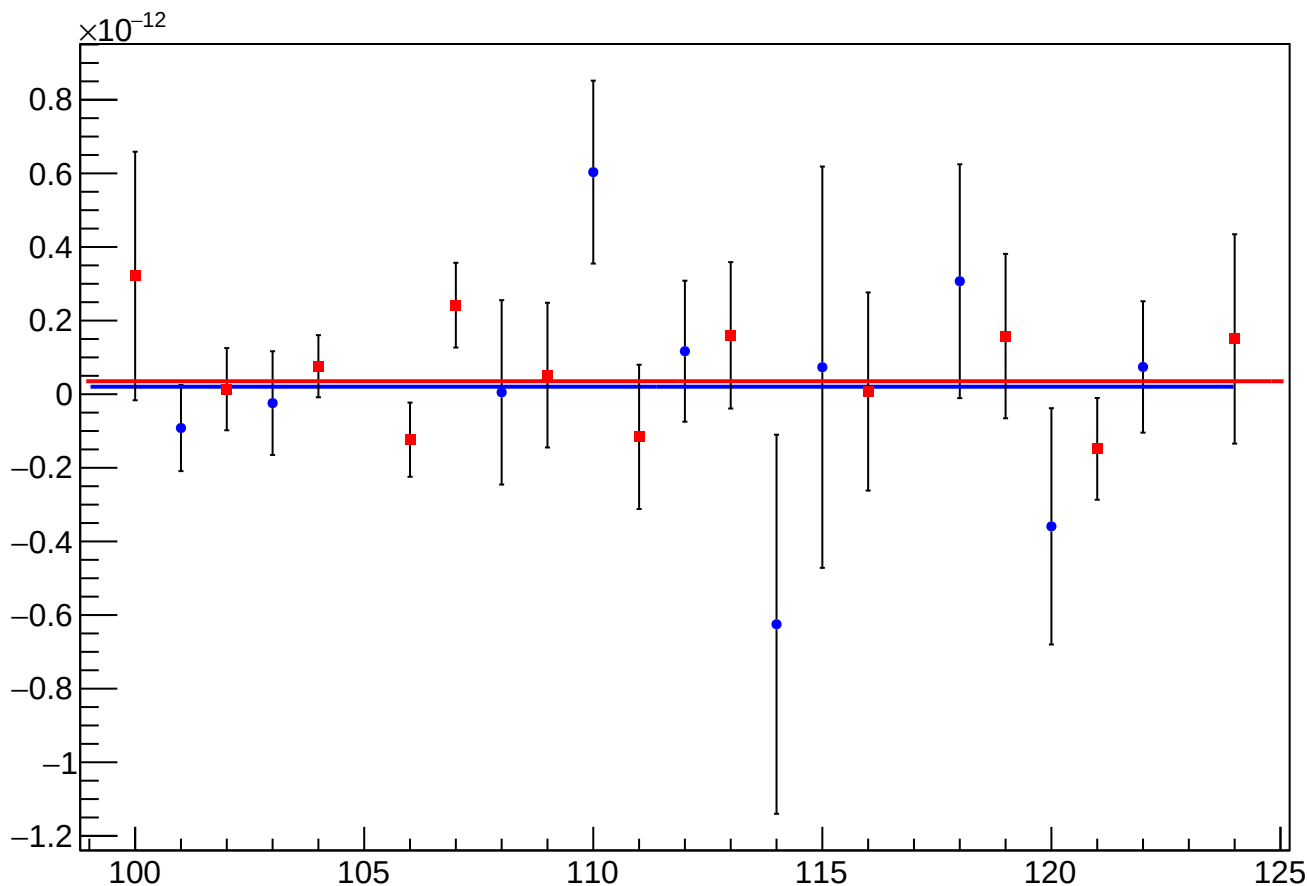
Right: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

In: 132.829+/-0.049 χ^2/NDF :485942.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

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 : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

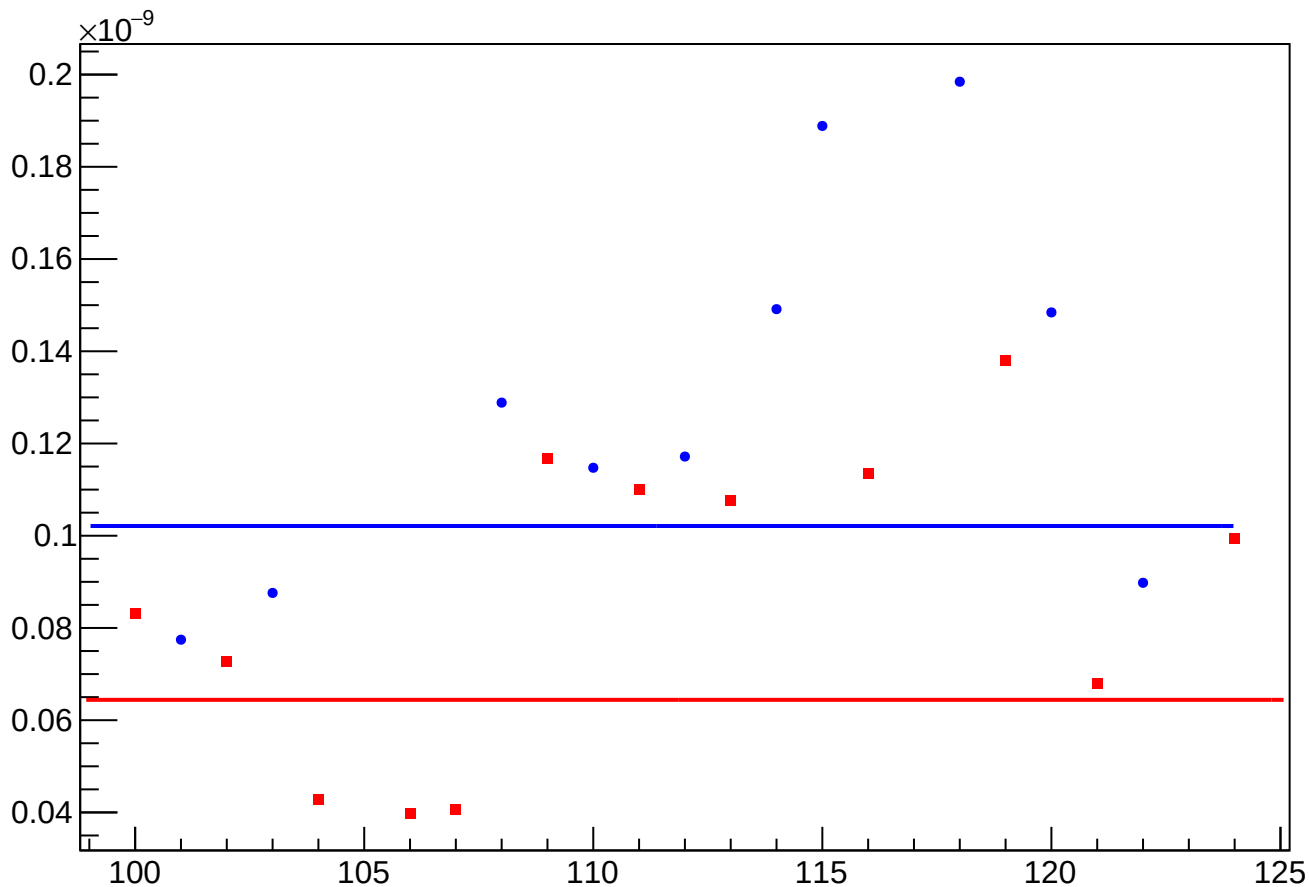
Right: 0.000+/-0.000 χ^2/NDF : 20.6/21

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 : 20.6/21

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 : 452611.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1012453.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

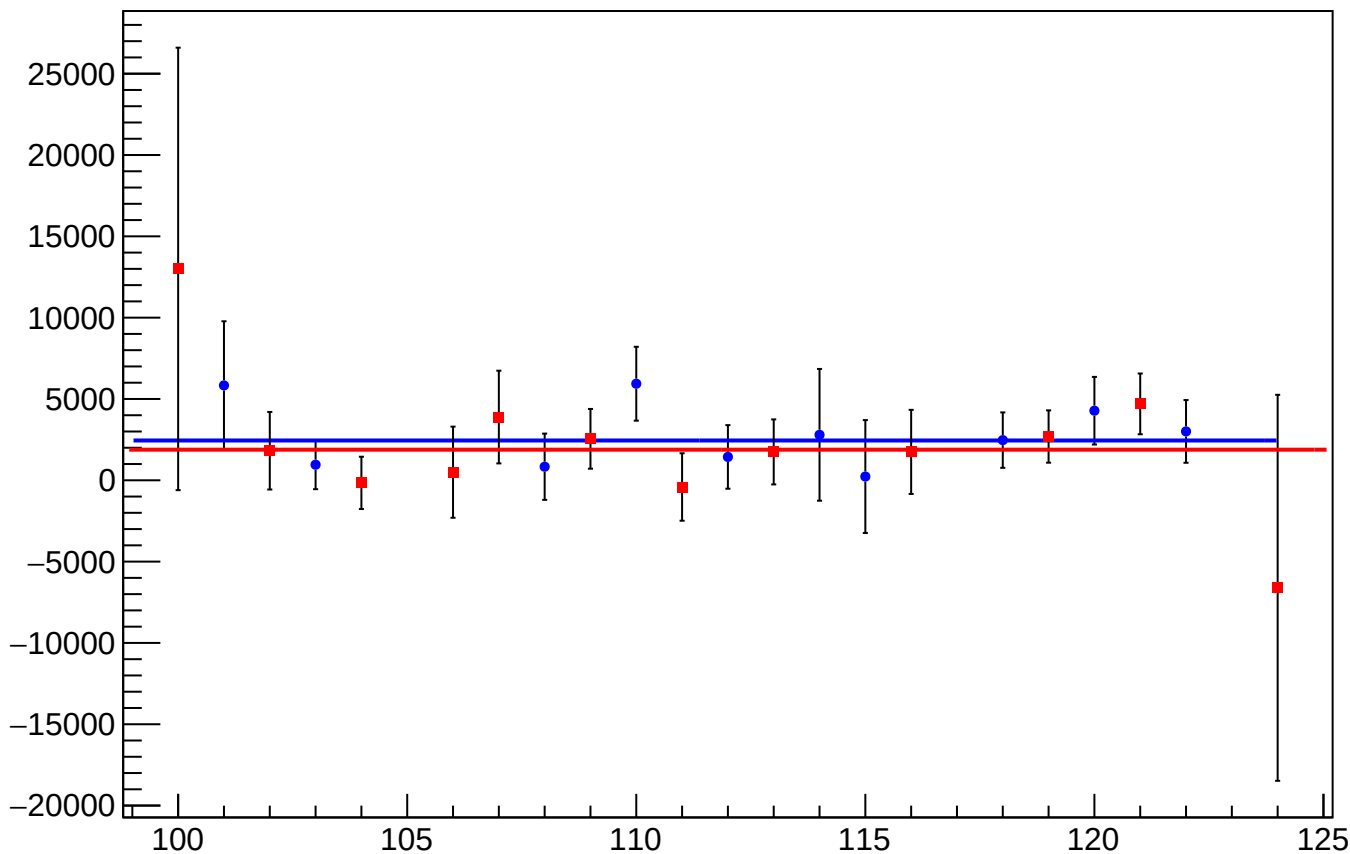
Right: 0.000+/-0.000 χ^2/NDF : 1948382.1/21

In: 0.000+/-0.000 χ^2/NDF : 452611.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1948382.1/21

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2447.713+/-675.473 χ^2/NDF : 6.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1880.990+/-641.815 χ^2/NDF : 7.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

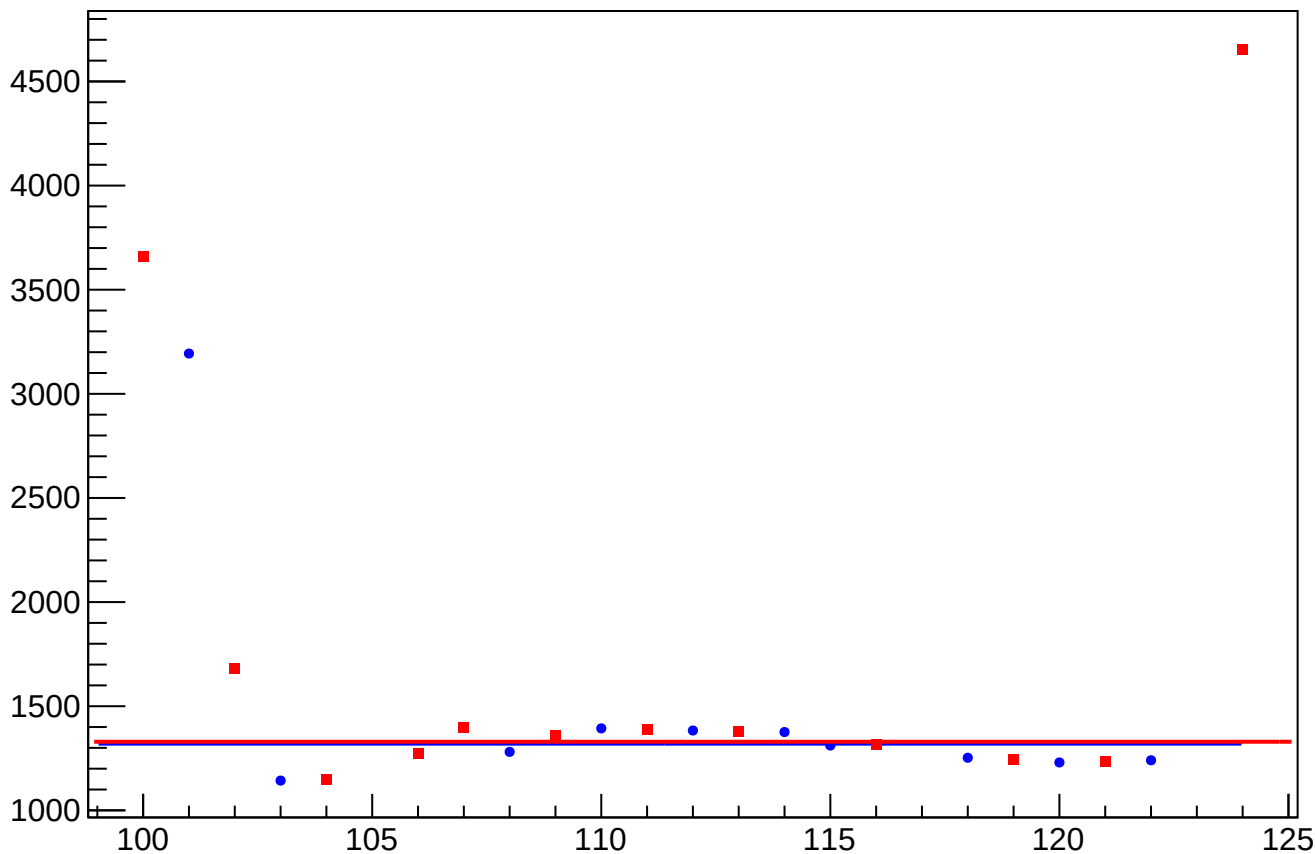
Right: 2149.881+/-465.276 χ^2/NDF : 14.0/21

In: 2447.713+/-675.473 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2149.881+/-465.276 χ^2/NDF : 14.0/21

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1320.324+/-0.478 χ^2/NDF : 494825.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1329.385+/-0.452 χ^2/NDF : 300539.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

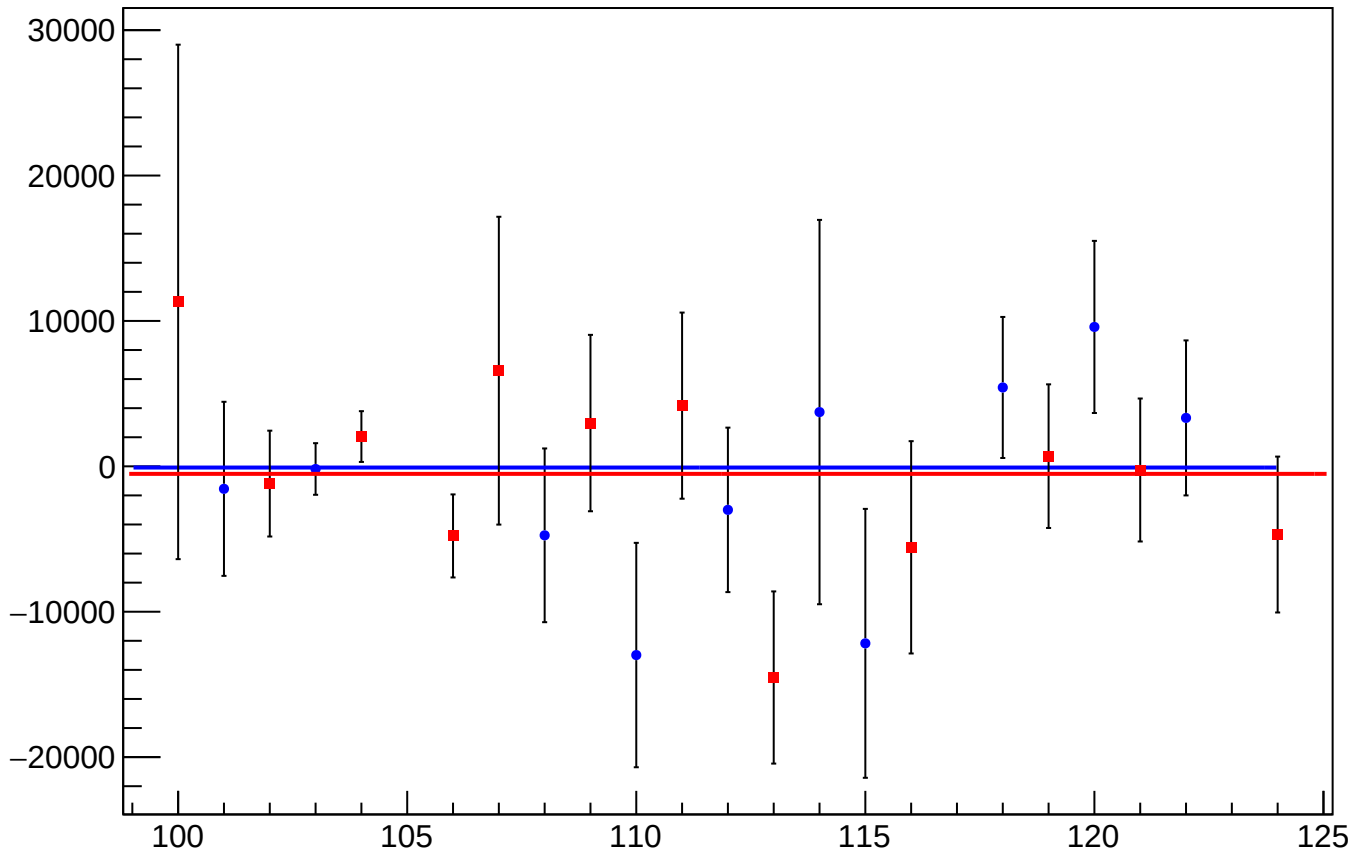
Right: 1325.107+/-0.328 χ^2/NDF : 795554.3/21

In: 1320.324+/-0.478 χ^2/NDF : 494825.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.107+/-0.328 χ^2/NDF : 795554.3/21

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -83.094+/-1354.696 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -518.387+/-1151.489 χ^2/NDF : 12.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

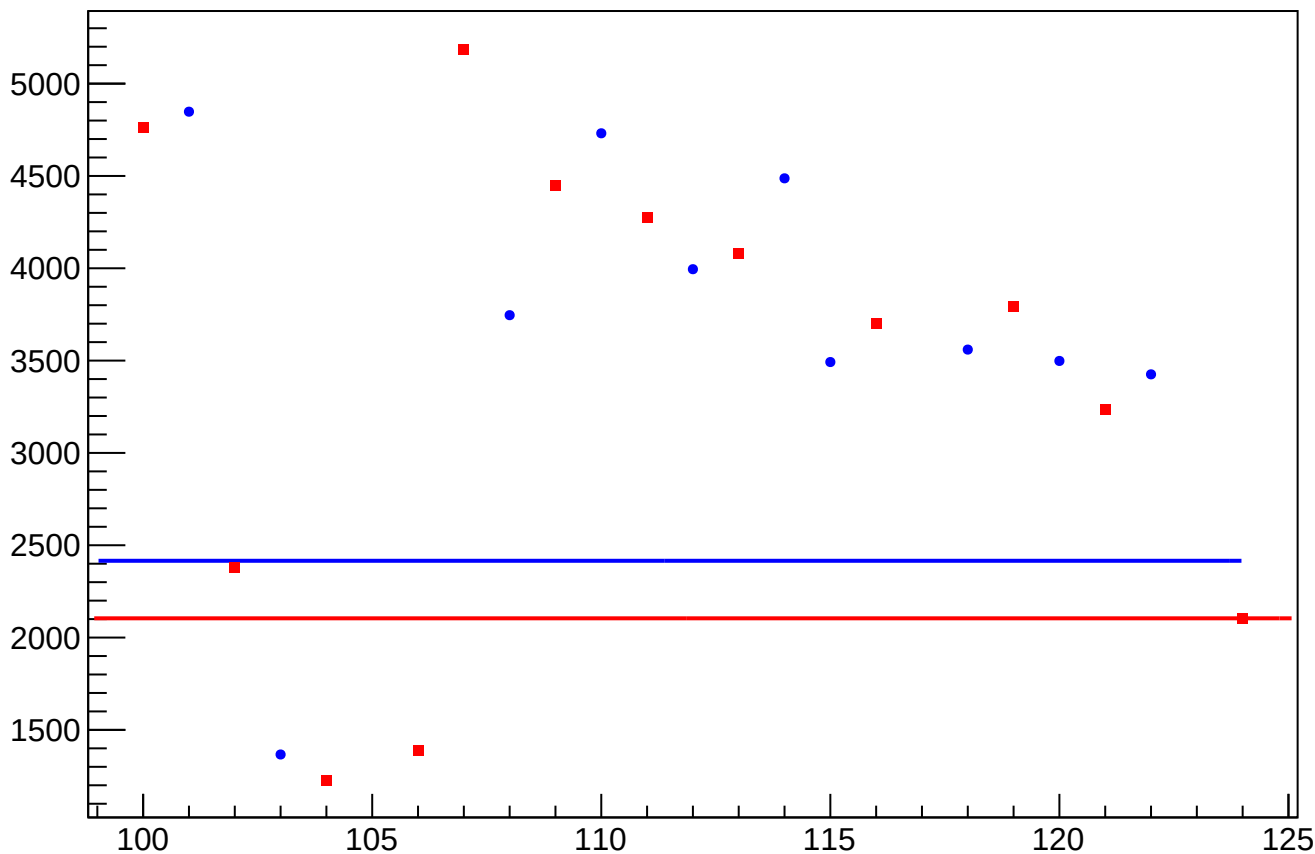
Right: -335.805+/-877.365 χ^2/NDF : 22.9/21

In: -83.094+/-1354.696 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -335.805+/-877.365 χ^2/NDF : 22.9/21

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2415.839+/-0.958 χ^2/NDF : 1789658.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2104.230+/-0.814 χ^2/NDF : 2046199.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

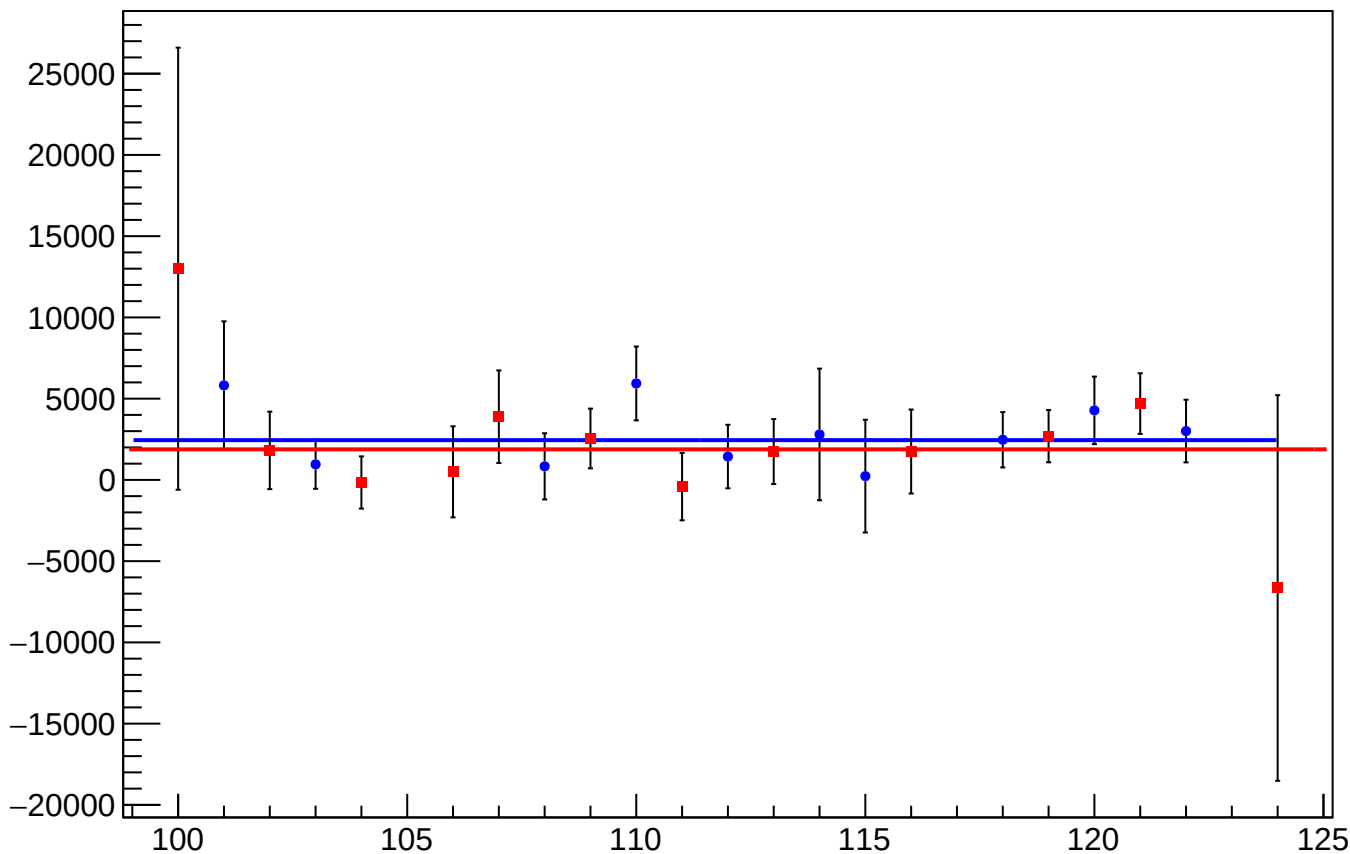
Right: 2234.934+/-0.620 χ^2/NDF : 3897292.0/21

In: 2415.839+/-0.958 χ^2/NDF : 1789658.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2234.934+/-0.620 χ^2/NDF : 3897292.0/21

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2447.329+/-675.473 χ^2/NDF : 6.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1880.560+/-641.815 χ^2/NDF : 7.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

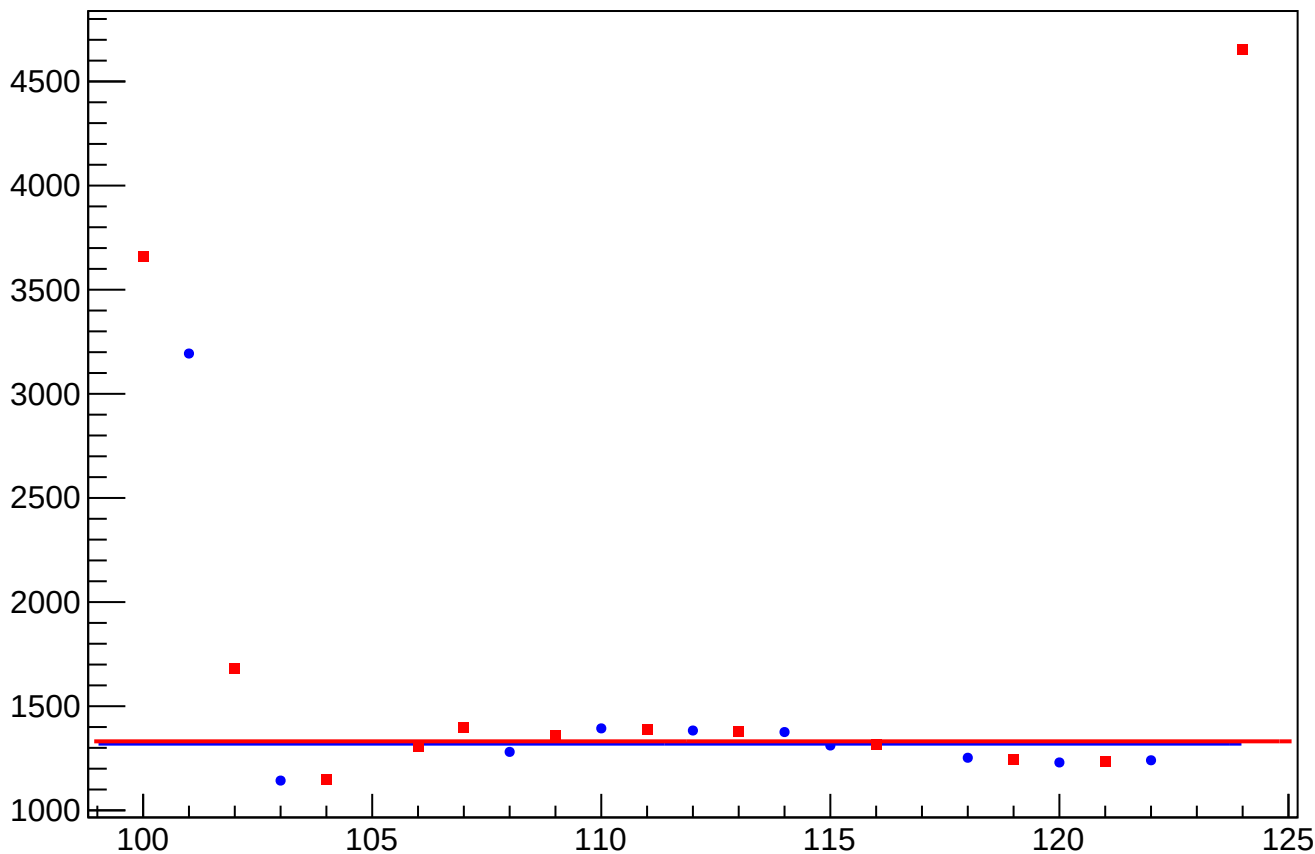
Right: 2149.472+/-465.276 χ^2/NDF : 14.0/21

In: 2447.329+/-675.473 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2149.472+/-465.276 χ^2/NDF : 14.0/21

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1320.324+/-0.478 χ^2/NDF : 494826.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.316+/-0.452 χ^2/NDF : 299788.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

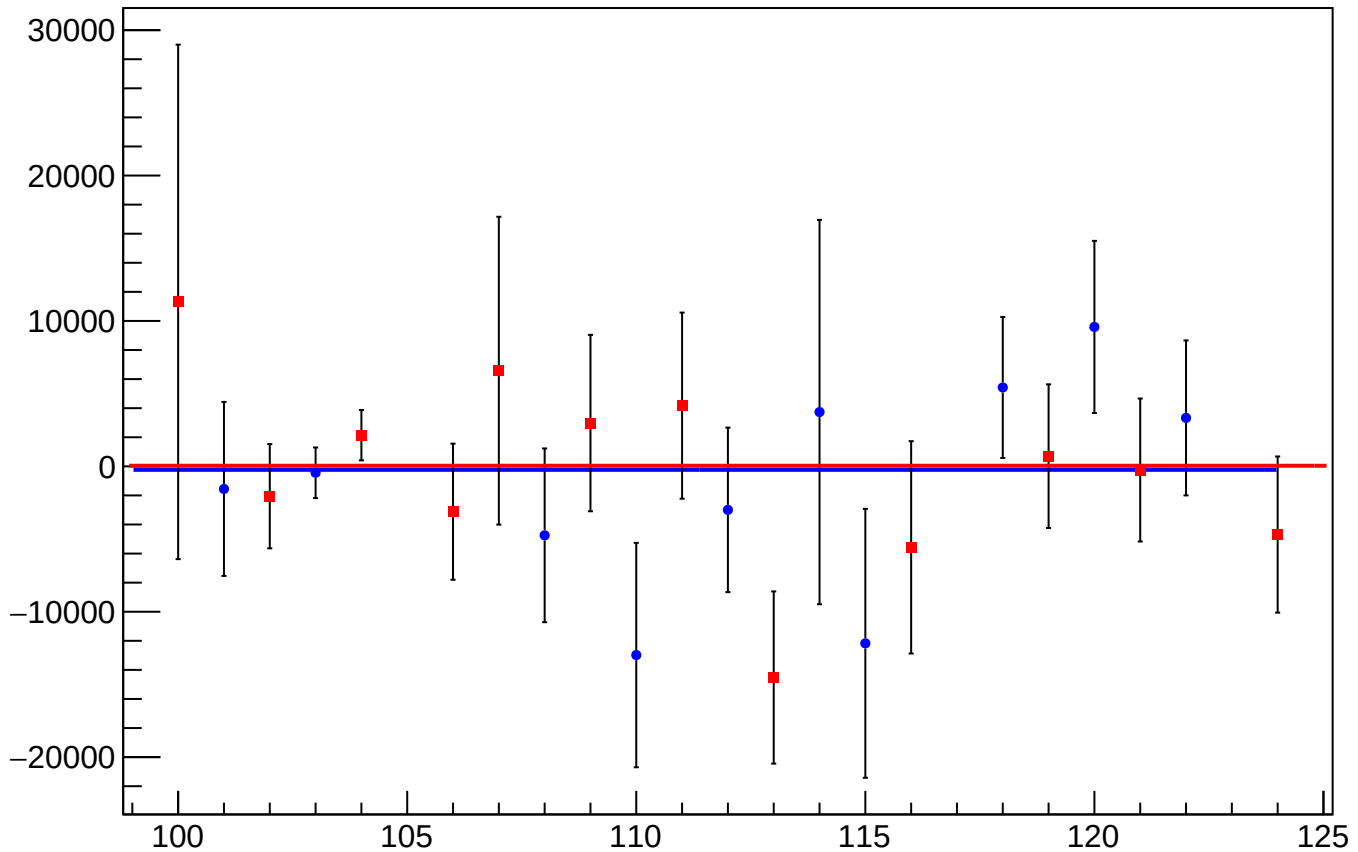
Right: 1326.118+/-0.328 χ^2/NDF : 794893.8/21

In: 1320.324+/-0.478 χ^2/NDF : 494826.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.118+/-0.328 χ^2/NDF : 794893.8/21

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -239.798+/-1339.478 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 40.879+/-1207.694 χ^2/NDF : 11.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

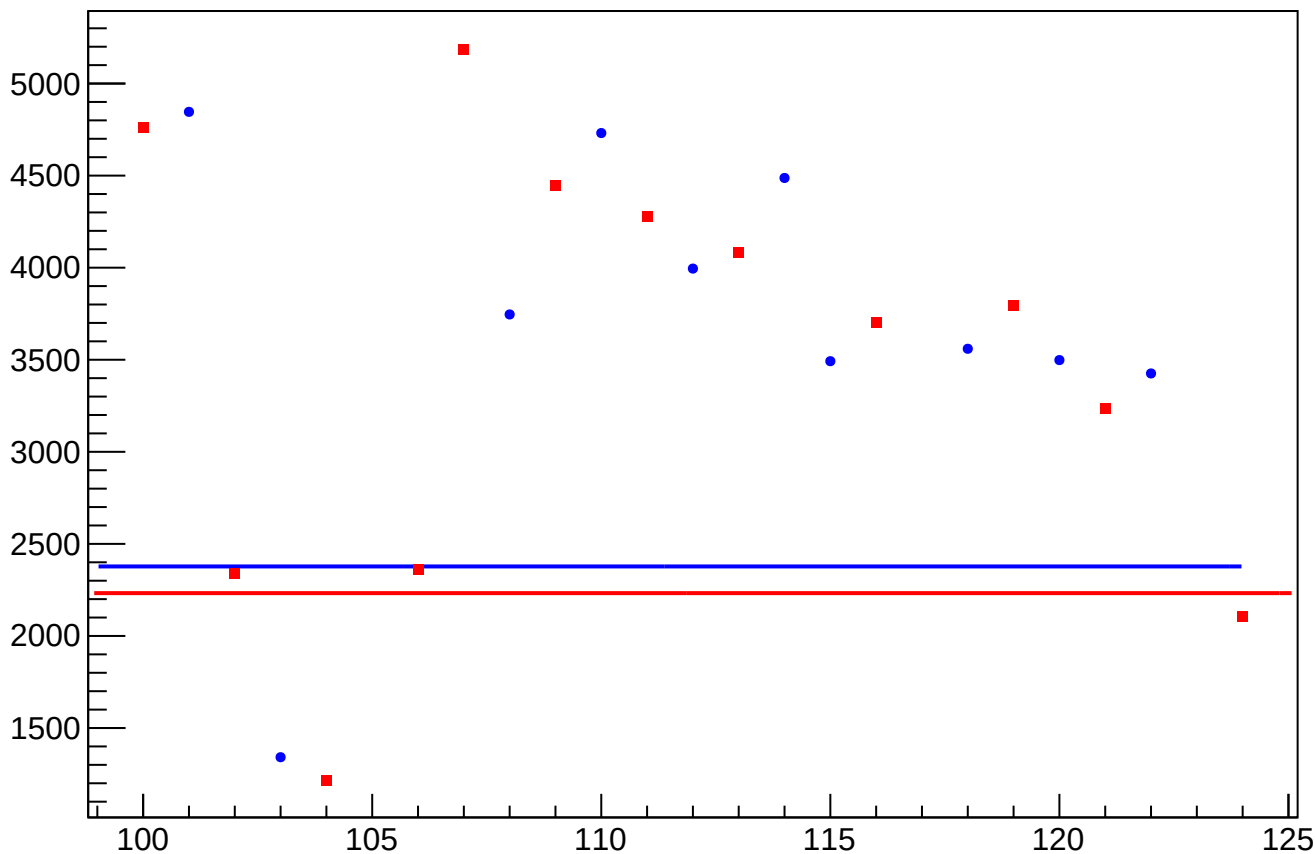
Right: -84.977+/-896.951 χ^2/NDF : 21.1/21

In: -239.798+/-1339.478 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -84.977+/-896.951 χ^2/NDF : 21.1/21

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2377.492+/-0.947 χ^2/NDF : 1850507.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2232.578+/-0.854 χ^2/NDF : 1923729.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

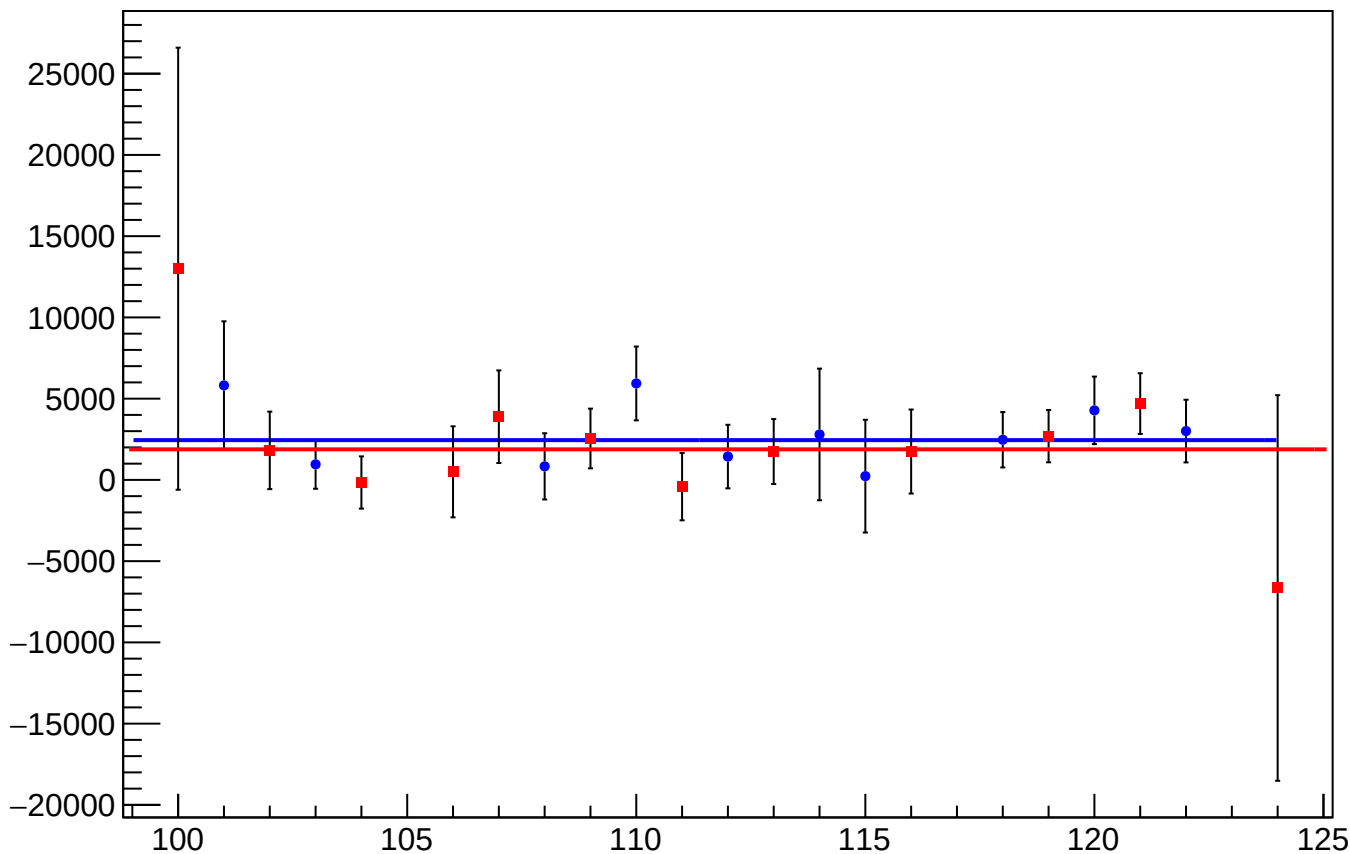
Right: 2297.557+/-0.634 χ^2/NDF : 3787149.4/21

In: 2377.492+/-0.947 χ^2/NDF : 1850507.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2297.557+/-0.634 χ^2/NDF : 3787149.4/21

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2447.329+/-675.473 χ^2/NDF : 6.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1880.560+/-641.815 χ^2/NDF : 7.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

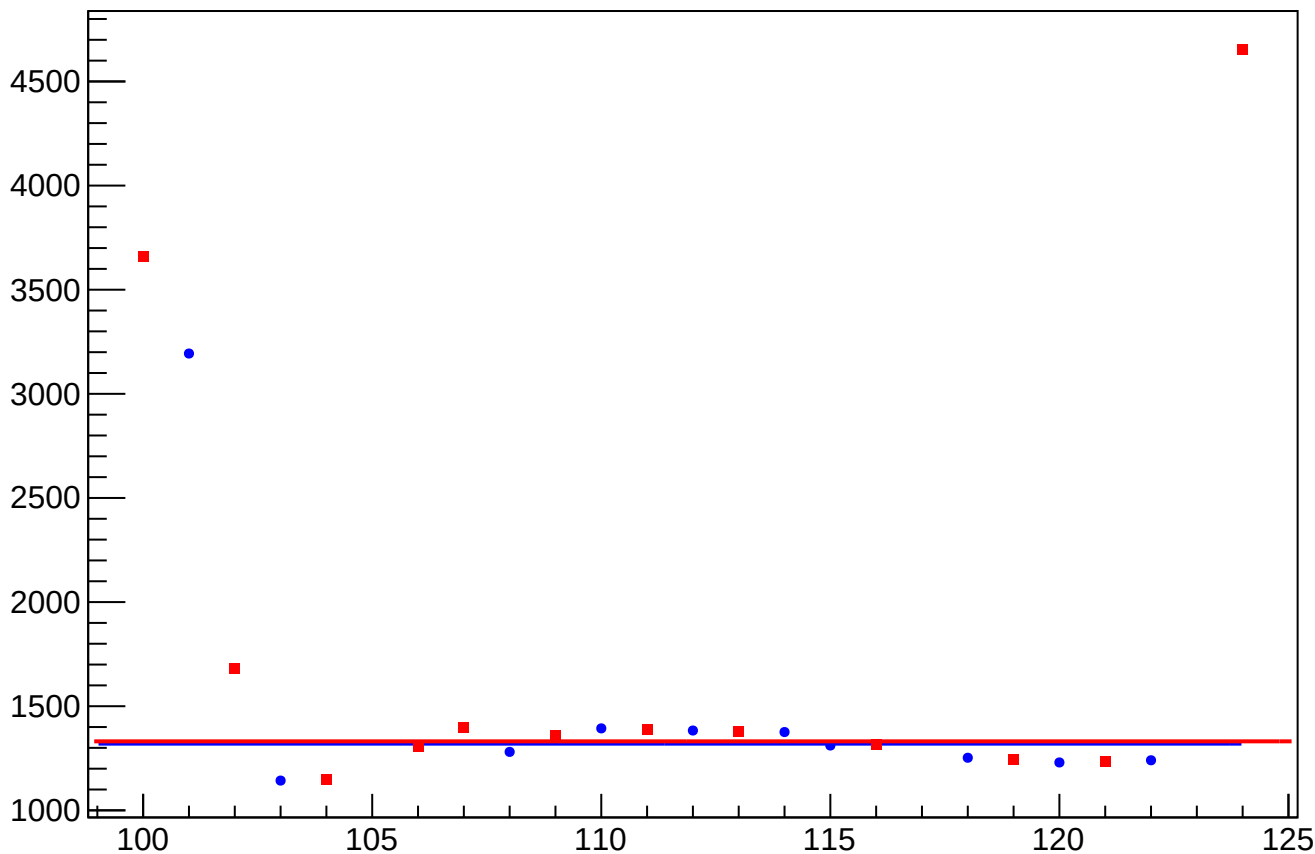
Right: 2149.472+/-465.276 χ^2/NDF : 14.0/21

In: 2447.329+/-675.473 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2149.472+/-465.276 χ^2/NDF : 14.0/21

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1320.324+/-0.478 χ^2/NDF : 494826.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.316+/-0.452 χ^2/NDF : 299788.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

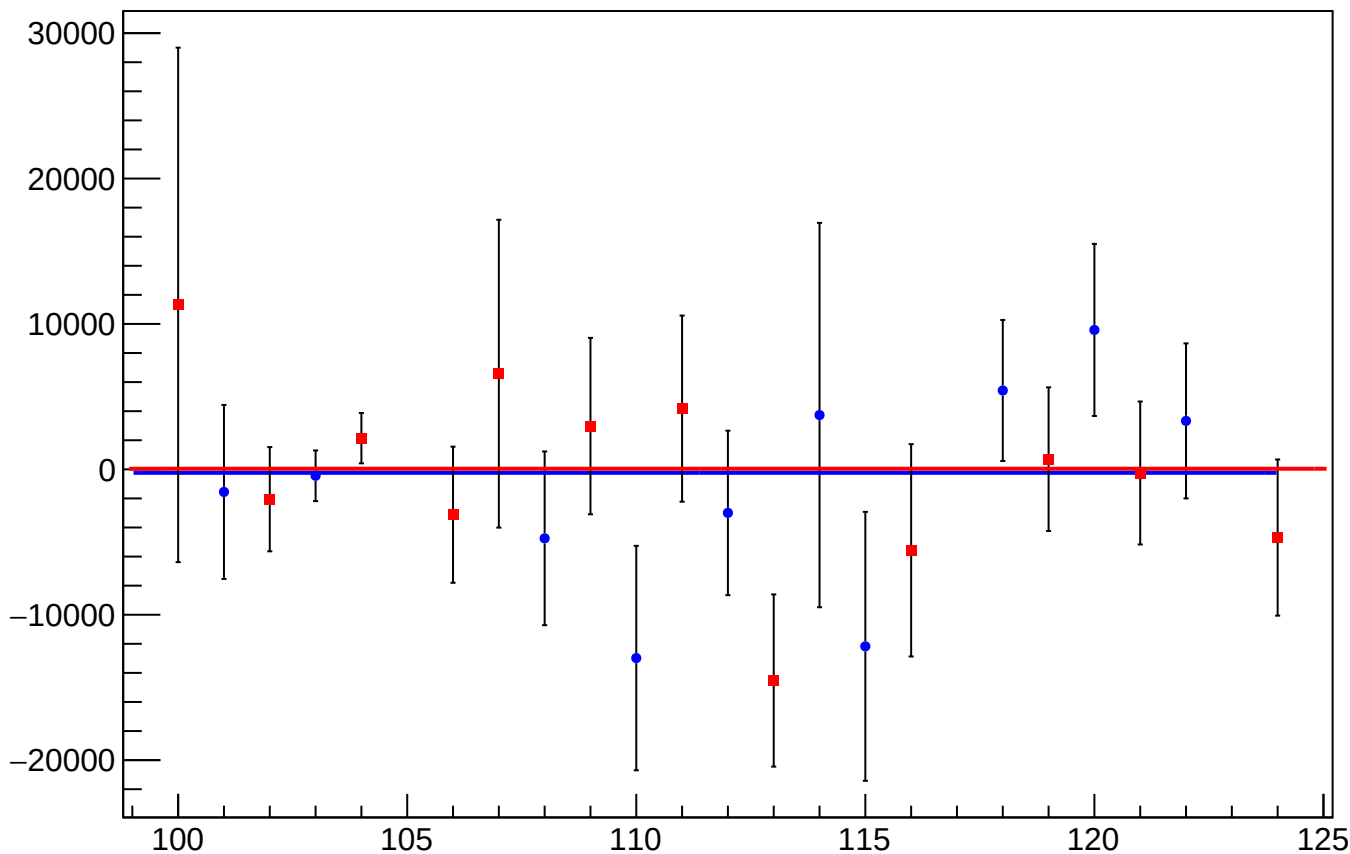
Right: 1326.118+/-0.328 χ^2/NDF : 794893.8/21

In: 1320.324+/-0.478 χ^2/NDF : 494826.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.118+/-0.328 χ^2/NDF : 794893.8/21

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -239.798+/-1339.478 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 40.879+/-1207.694 χ^2/NDF : 11.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

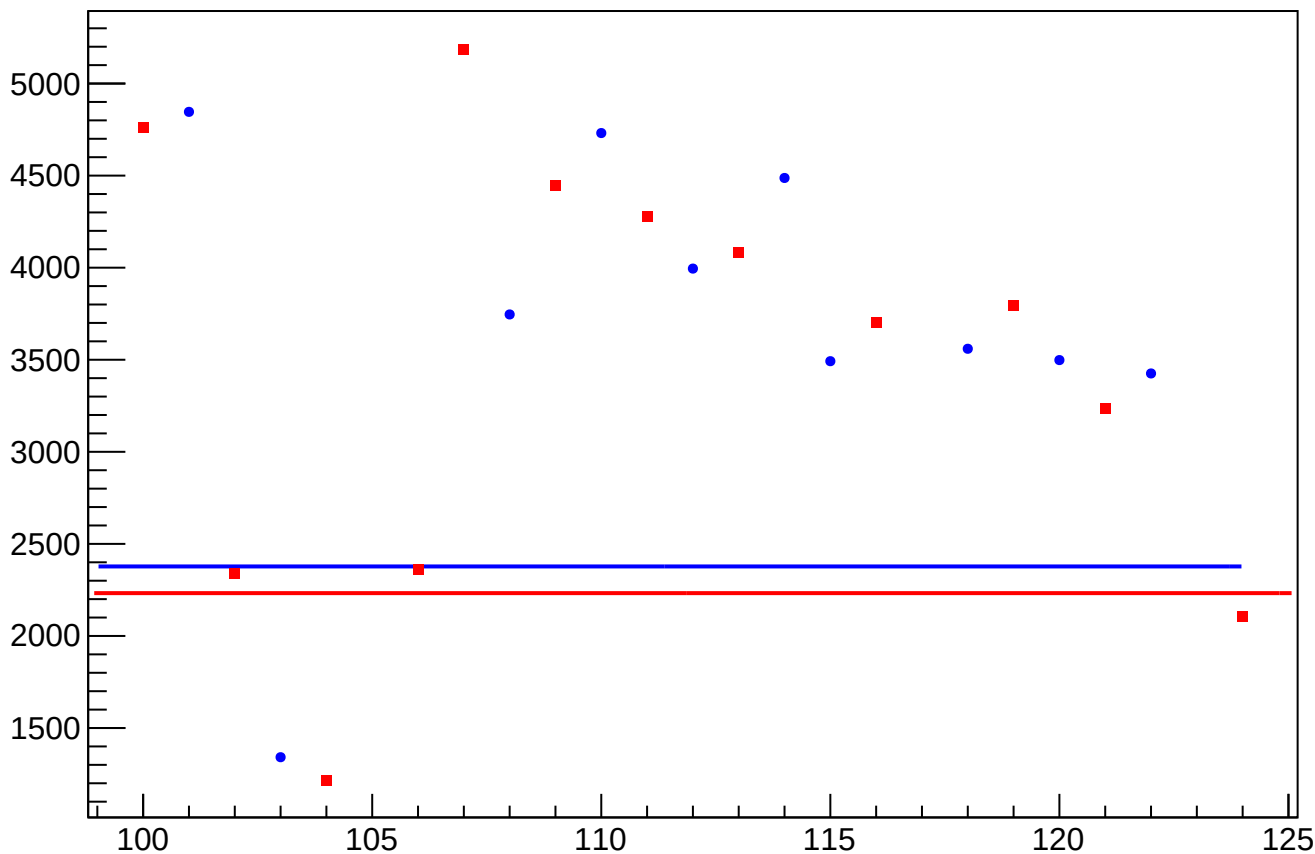
Right: -84.977+/-896.951 χ^2/NDF : 21.1/21

In: -239.798+/-1339.478 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -84.977+/-896.951 χ^2/NDF : 21.1/21

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2377.492+/-0.947 χ^2/NDF : 1850507.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2232.578+/-0.854 χ^2/NDF : 1923729.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

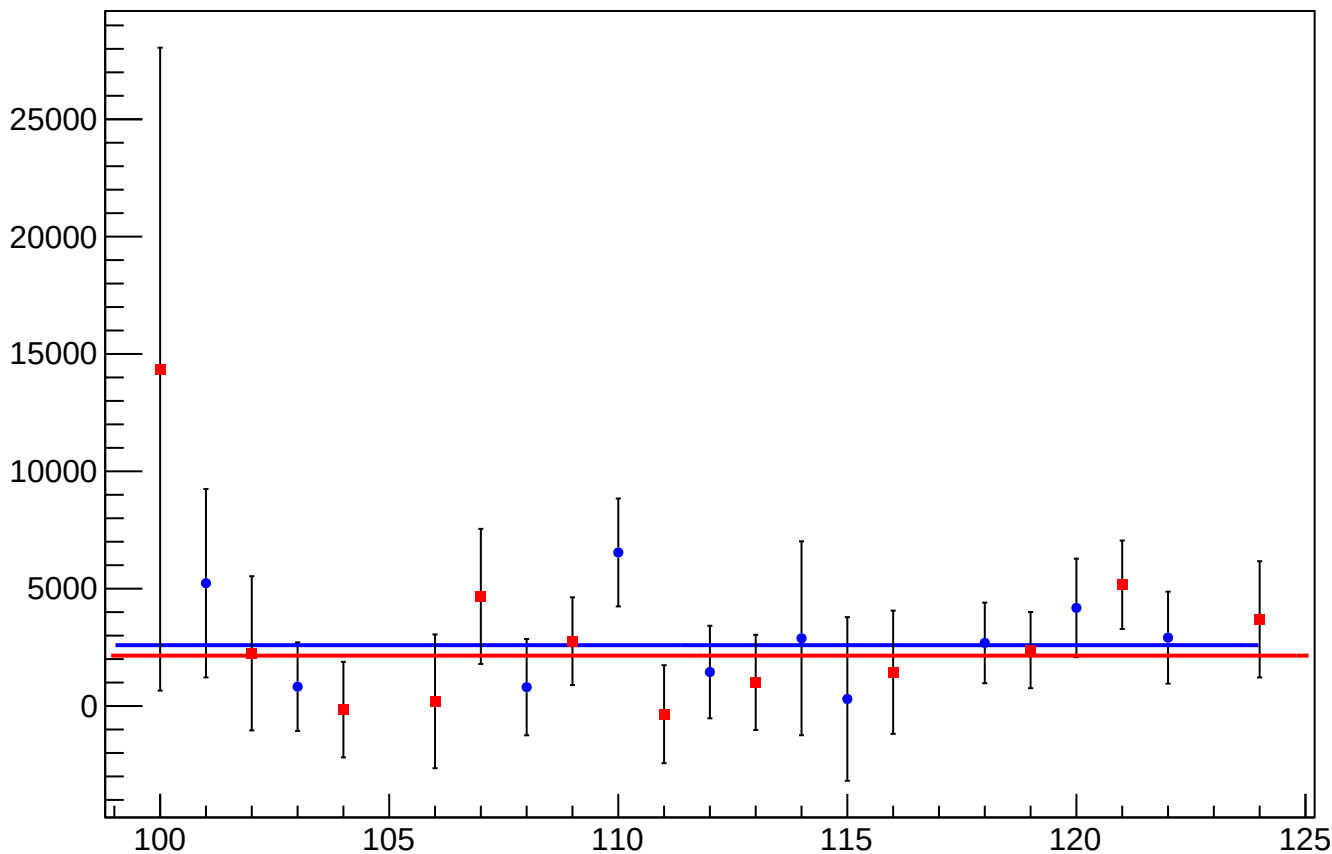
Right: 2297.557+/-0.634 χ^2/NDF : 3787149.4/21

In: 2377.492+/-0.947 χ^2/NDF : 1850507.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2297.557+/-0.634 χ^2/NDF : 3787149.4/21

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2592.502 +/- 707.874 χ^2/NDF : 6.4/9

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 2147.294 +/- 657.647 χ^2/NDF : 8.2/11

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

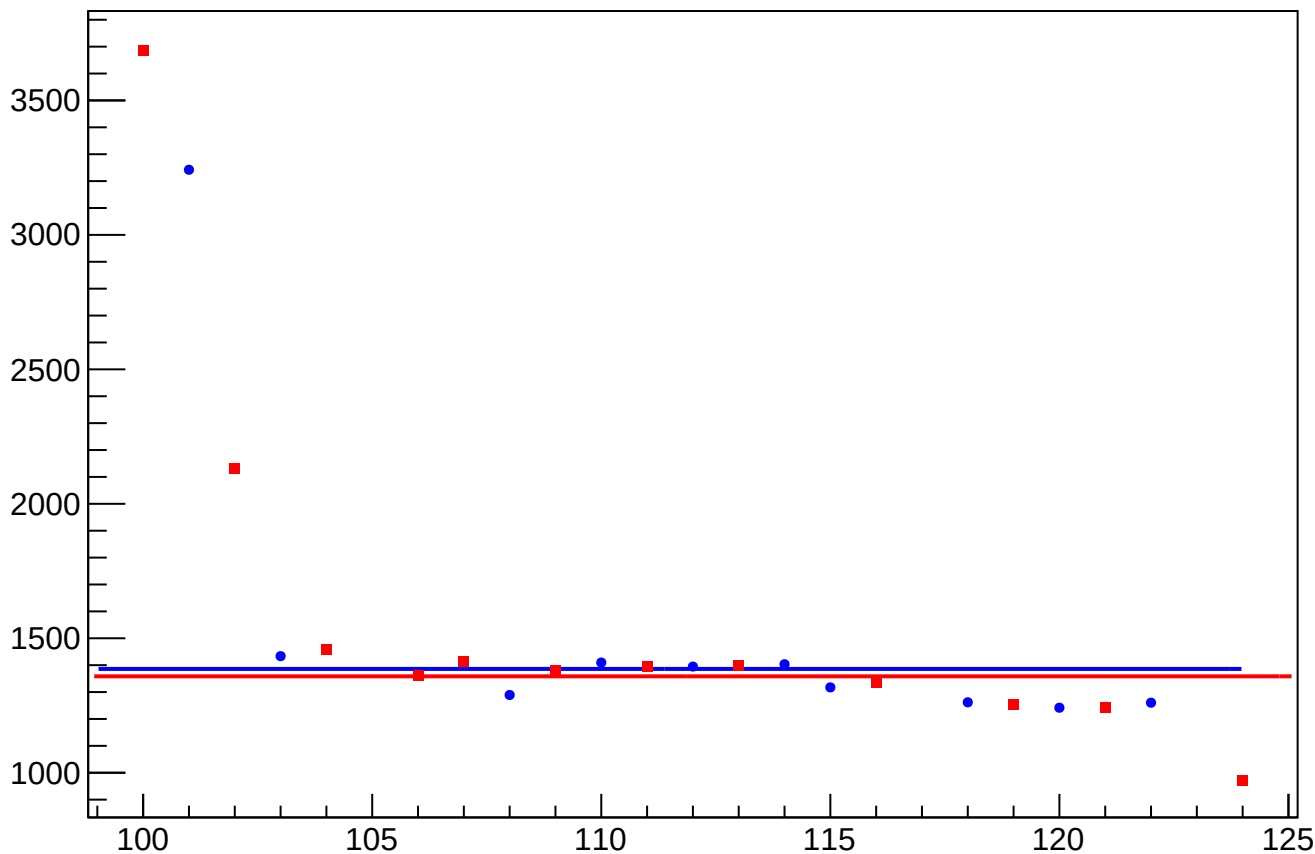
Right: 2353.545 +/- 481.805 χ^2/NDF : 14.8/21

In: 2592.502 +/- 707.874 χ^2/NDF : 6.4/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 2353.545 +/- 481.805 χ^2/NDF : 14.8/21

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1386.071+/-0.501 χ^2/NDF : 462607.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.537+/-0.465 χ^2/NDF : 240437.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

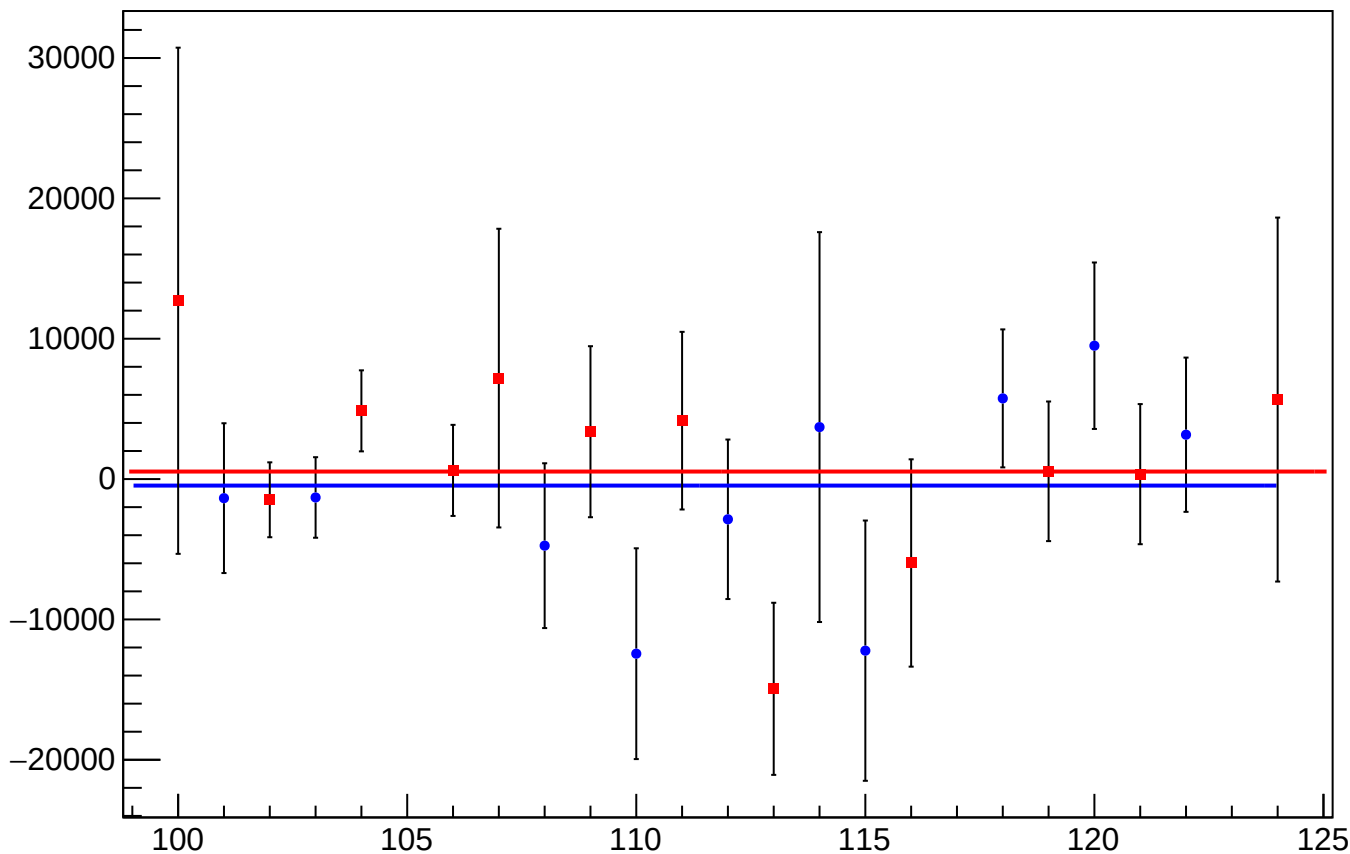
Right: 1371.278+/-0.340 χ^2/NDF : 704670.2/21

In: 1386.071+/-0.501 χ^2/NDF : 462607.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1371.278+/-0.340 χ^2/NDF : 704670.2/21

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -463.877+/-1680.632 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 536.295+/-1347.486 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

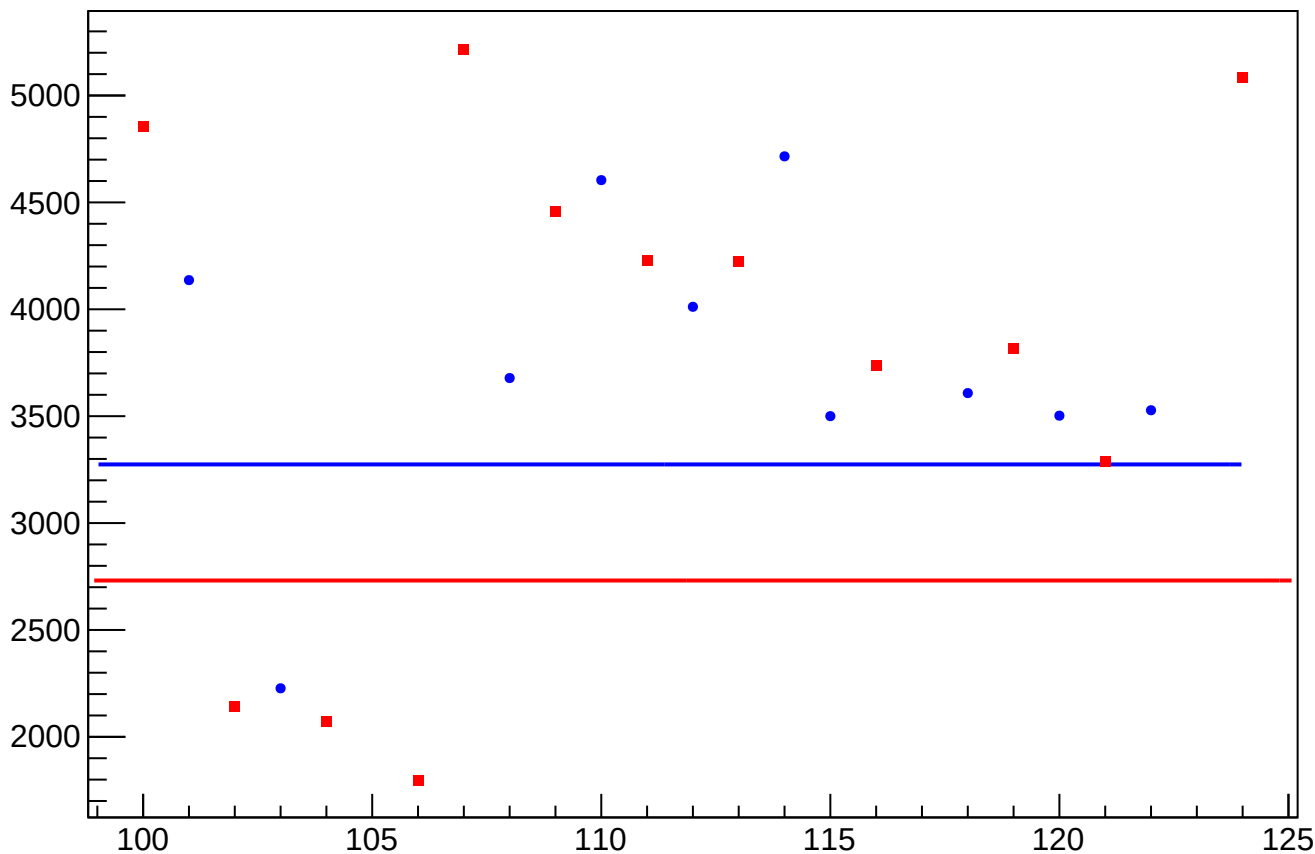
Right: 144.929+/-1051.300 χ^2/NDF : 21.7/21

In: -463.877+/-1680.632 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.929+/-1051.300 χ^2/NDF : 21.7/21

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3274.350+/-1.188 χ^2/NDF : 463621.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2731.334+/-0.953 χ^2/NDF : 1117863.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

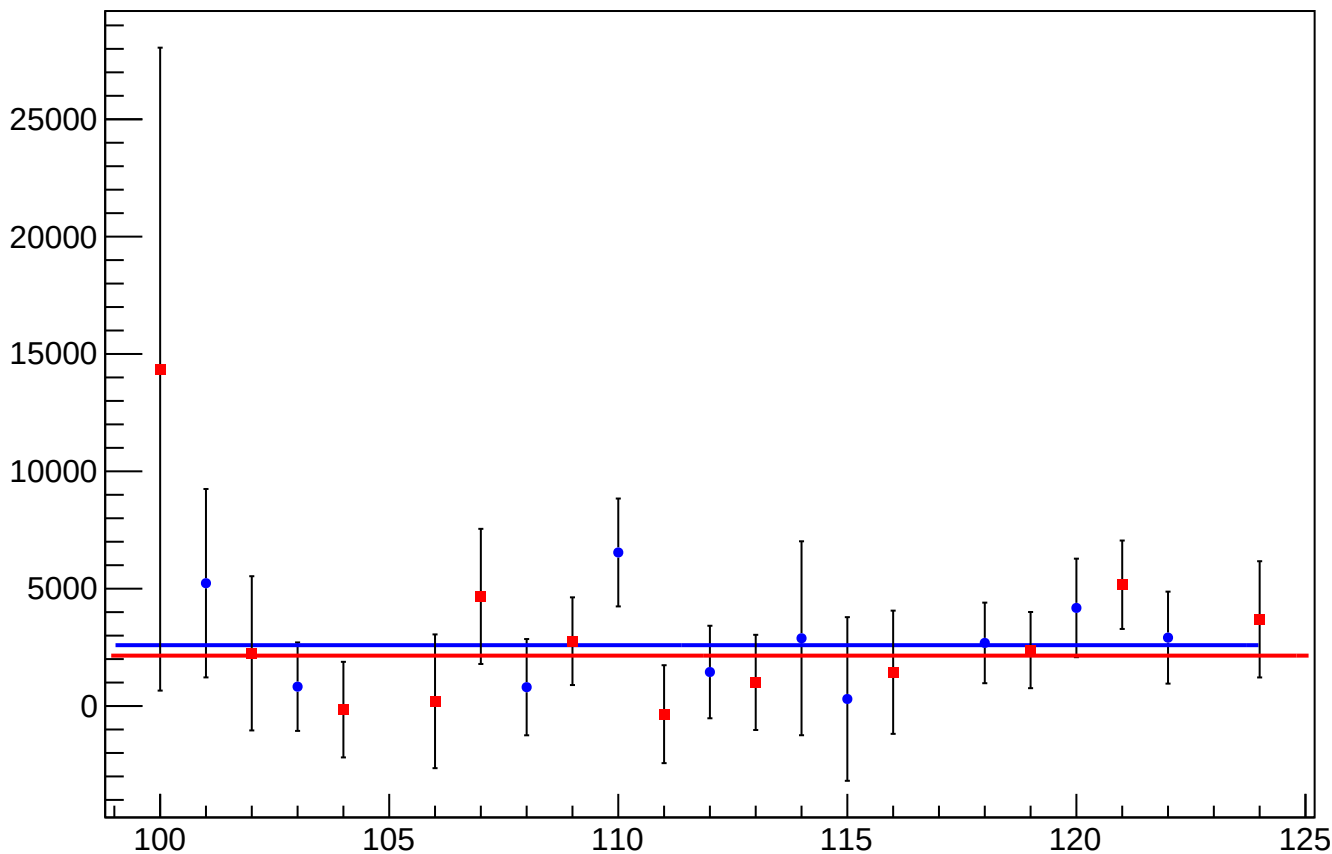
Right: 2943.815+/-0.743 χ^2/NDF : 1708575.6/21

In: 3274.350+/-1.188 χ^2/NDF : 463621.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2943.815+/-0.743 χ^2/NDF : 1708575.6/21

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2592.496+/-707.874 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2147.300+/-657.646 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

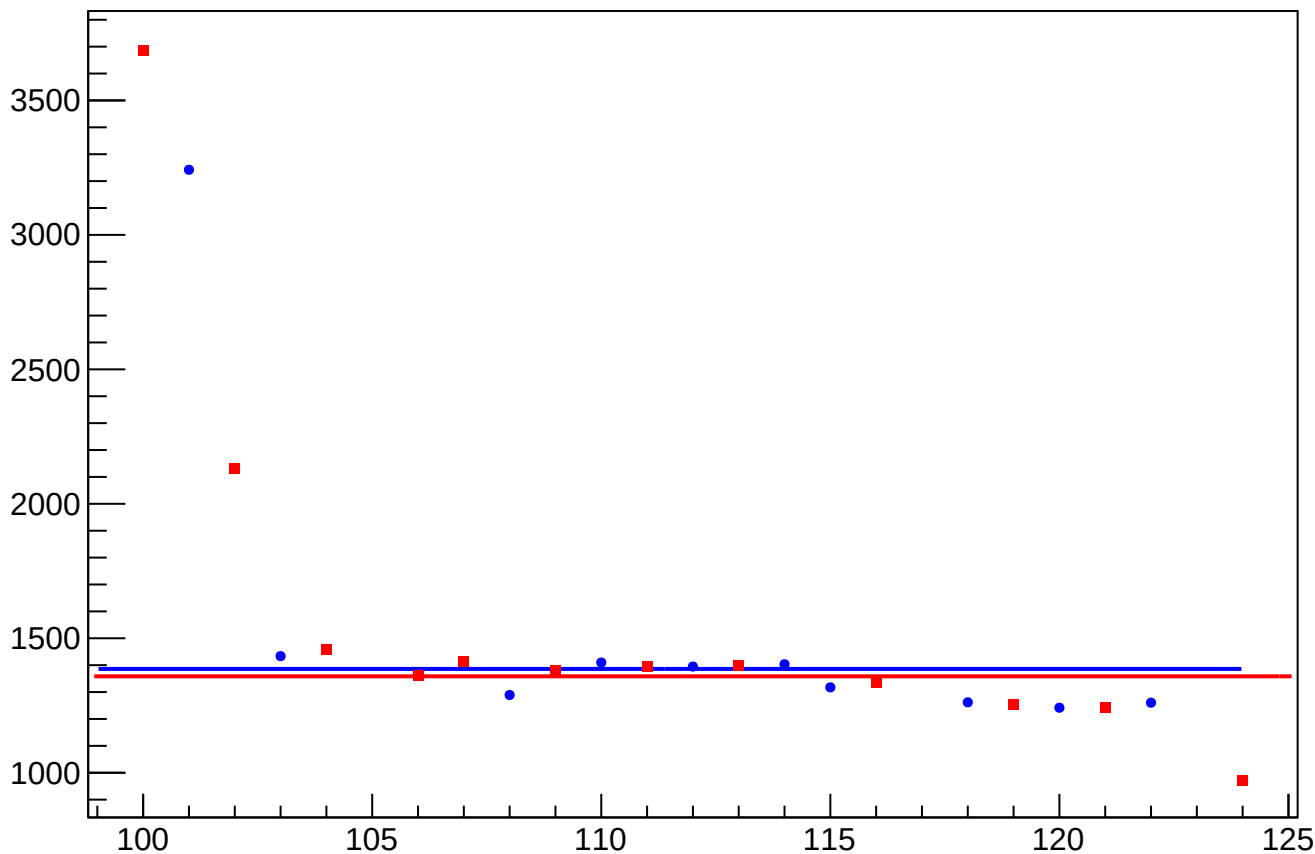
Right: 2353.545+/-481.805 χ^2/NDF : 14.8/21

In: 2592.496+/-707.874 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2353.545+/-481.805 χ^2/NDF : 14.8/21

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1386.070+/-0.501 χ^2/NDF : 462607.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.536+/-0.465 χ^2/NDF : 240436.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

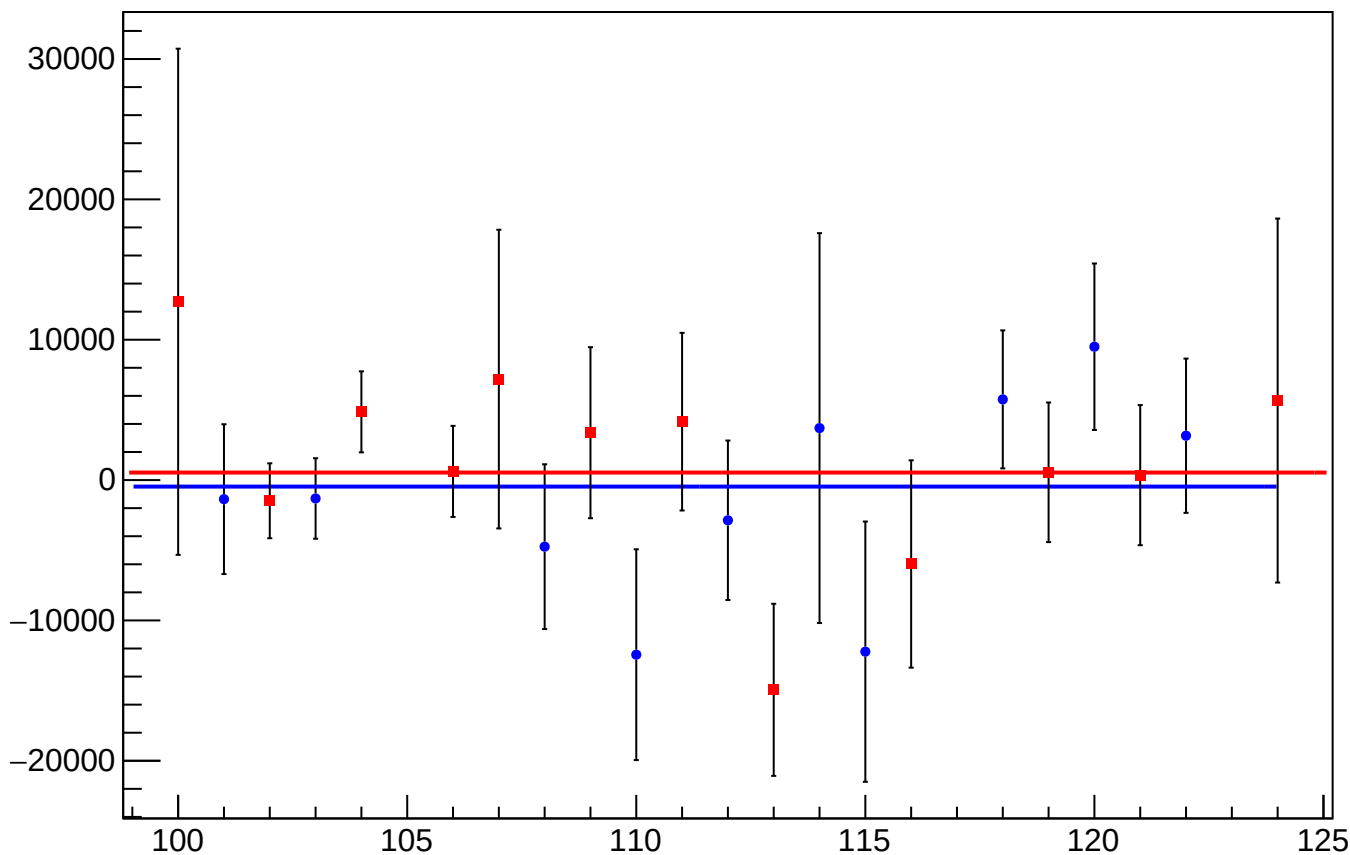
Right: 1371.277+/-0.340 χ^2/NDF : 704669.5/21

In: 1386.070+/-0.501 χ^2/NDF : 462607.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1371.277+/-0.340 χ^2/NDF : 704669.5/21

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -463.871+/-1680.628 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 536.295+/-1347.482 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

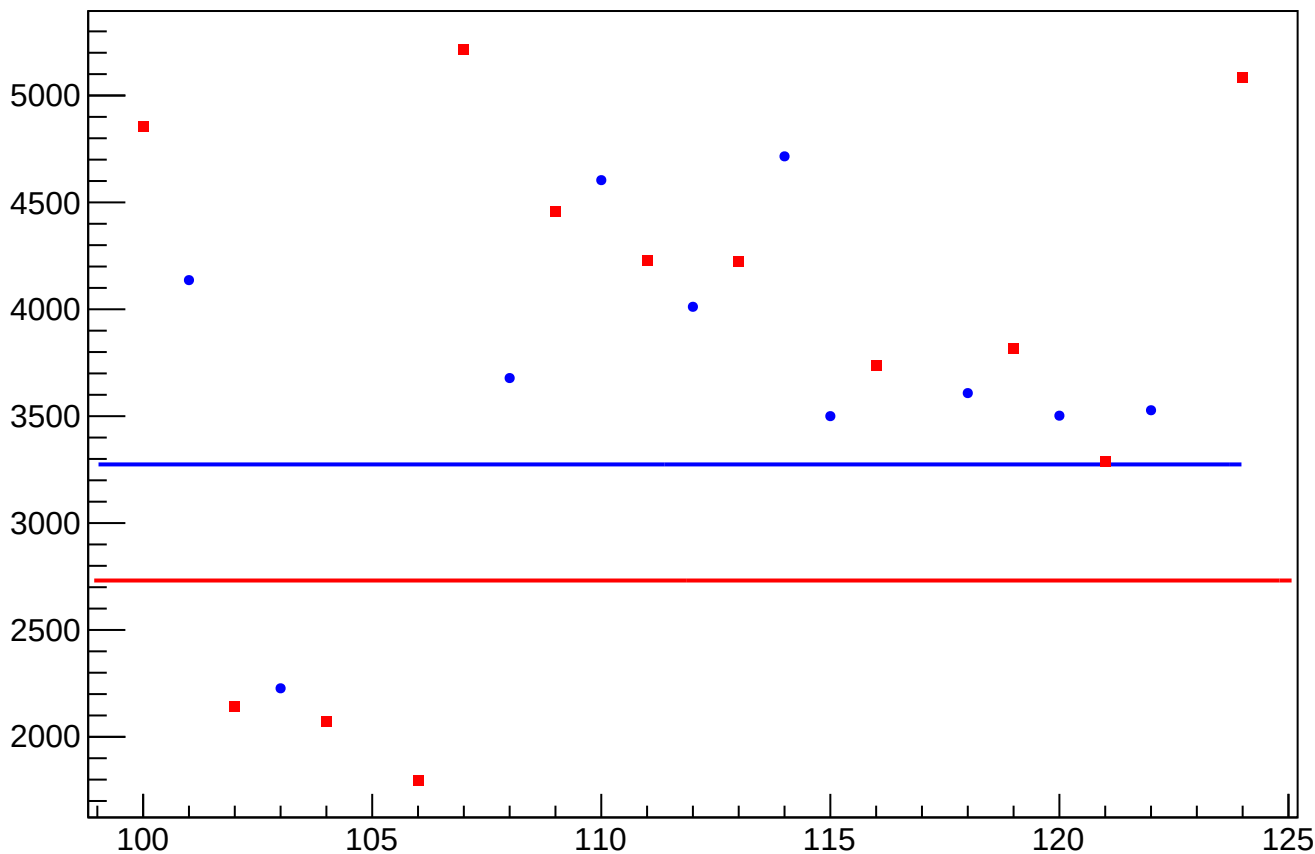
Right: 144.932+/-1051.297 χ^2/NDF : 21.7/21

In: -463.871+/-1680.628 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.932+/-1051.297 χ^2/NDF : 21.7/21

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3274.341+/-1.188 χ^2/NDF : 463619.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2731.326+/-0.953 χ^2/NDF : 1117864.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

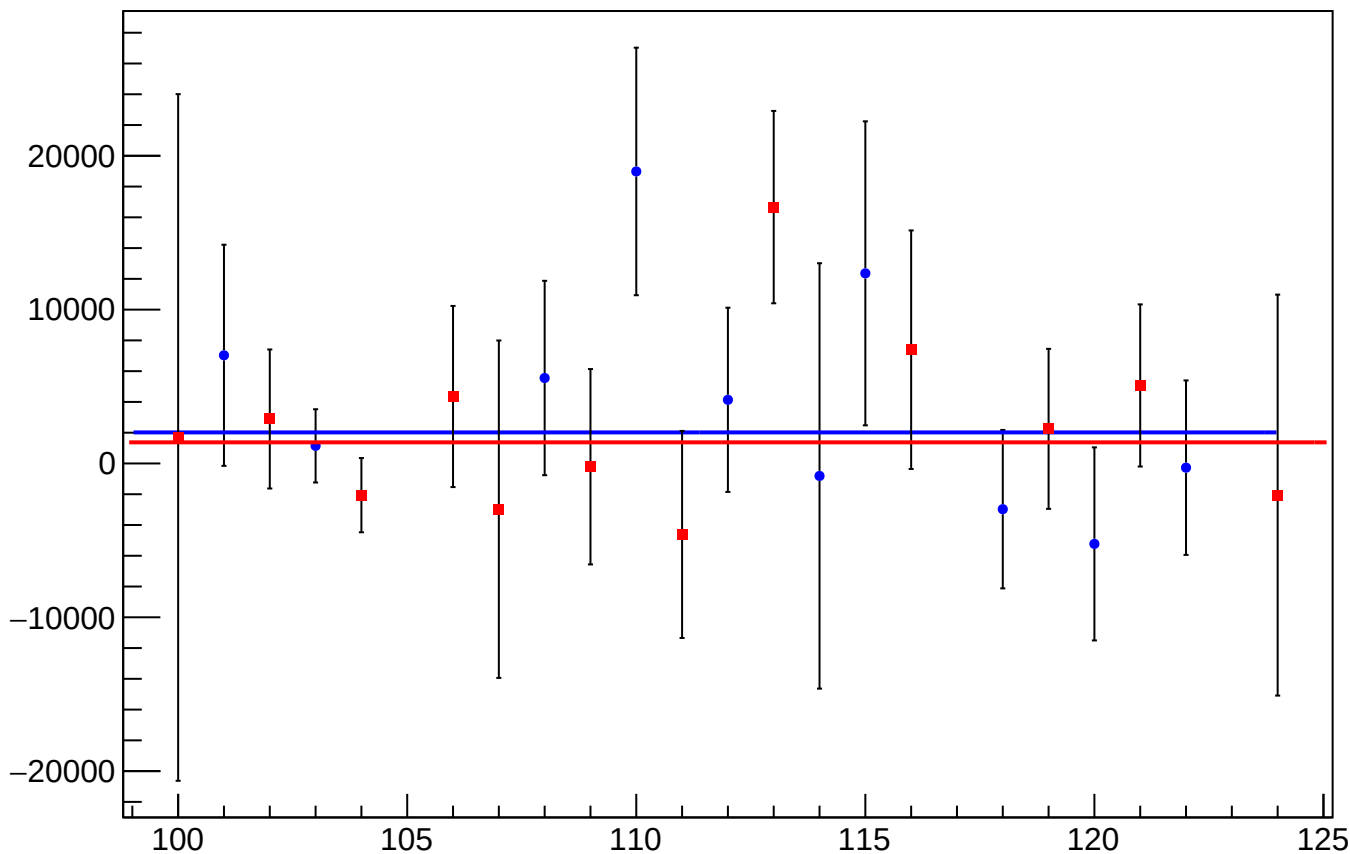
Right: 2943.806+/-0.743 χ^2/NDF : 1708575.4/21

In: 3274.341+/-1.188 χ^2/NDF : 463619.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2943.806+/-0.743 χ^2/NDF : 1708575.4/21

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2018.428+/-1635.706 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.833+/-1528.791 χ^2/NDF : 10.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

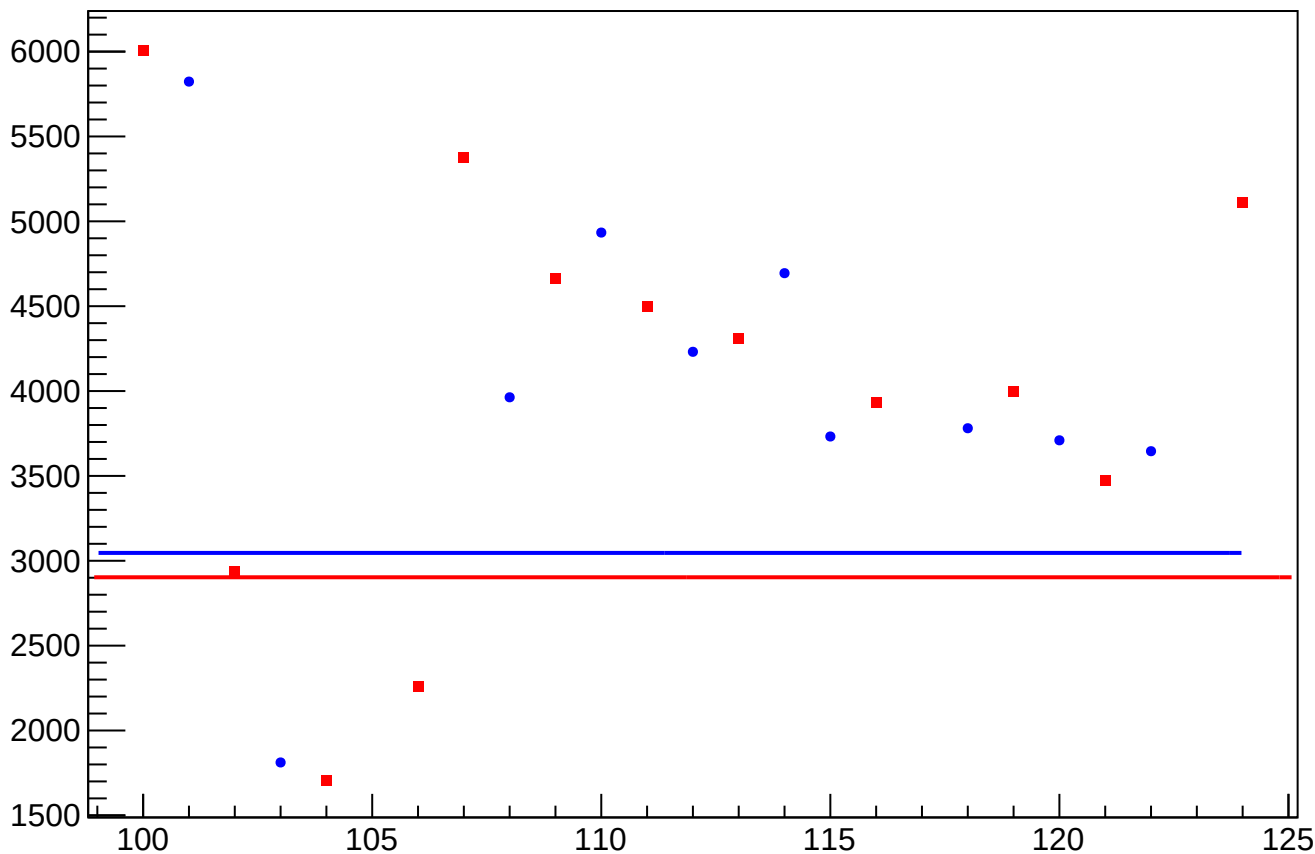
Right: 1673.844+/-1116.904 χ^2/NDF : 19.7/21

In: 2018.428+/-1635.706 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1673.844+/-1116.904 χ^2/NDF : 19.7/21

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3046.362+/-1.157 χ^2/NDF : 1190138.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2902.788+/-1.062 χ^2/NDF : 1241859.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

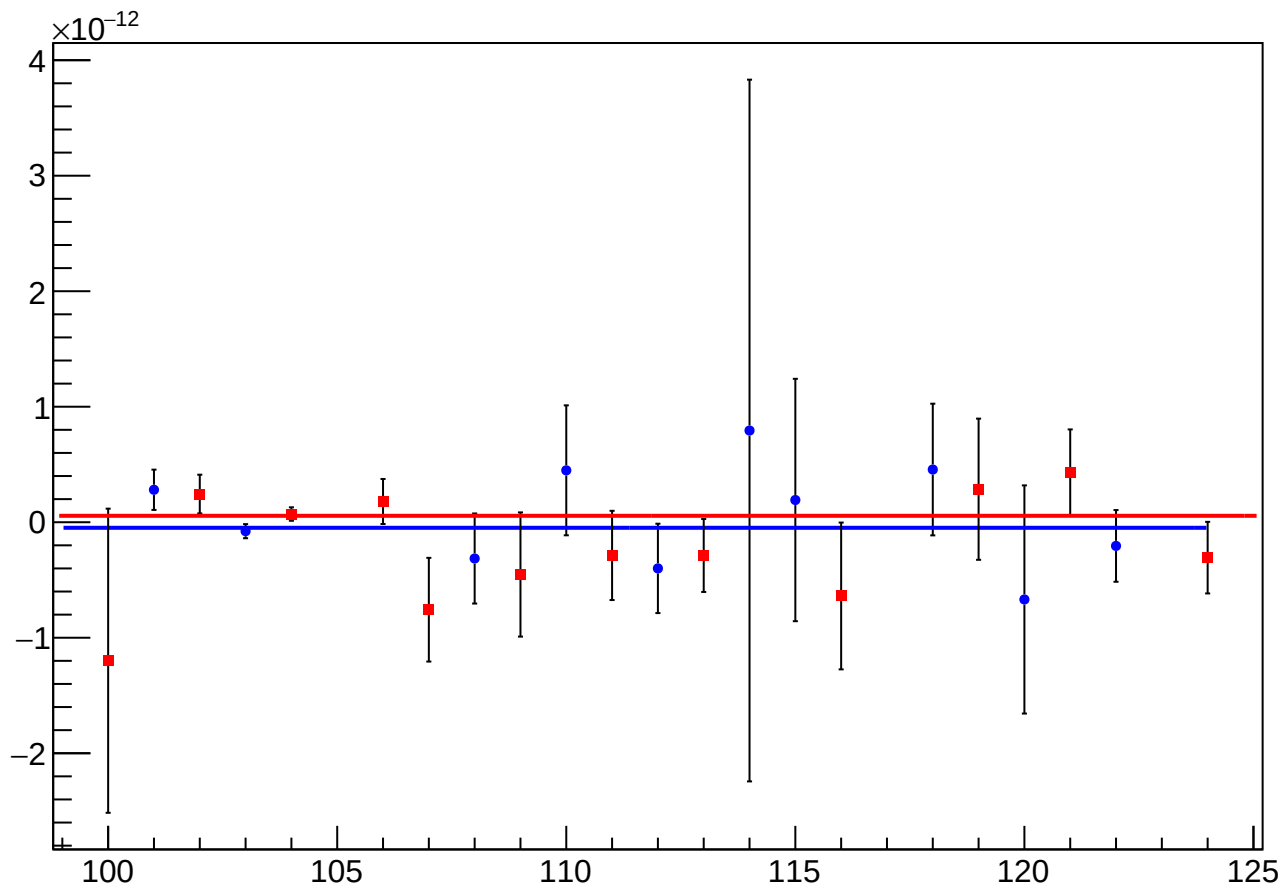
Right: 2968.452+/-0.782 χ^2/NDF : 2440360.3/21

In: 3046.362+/-1.157 χ^2/NDF : 1190138.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2968.452+/-0.782 χ^2/NDF : 2440360.3/21

asym_atl_avg_atr_avg_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

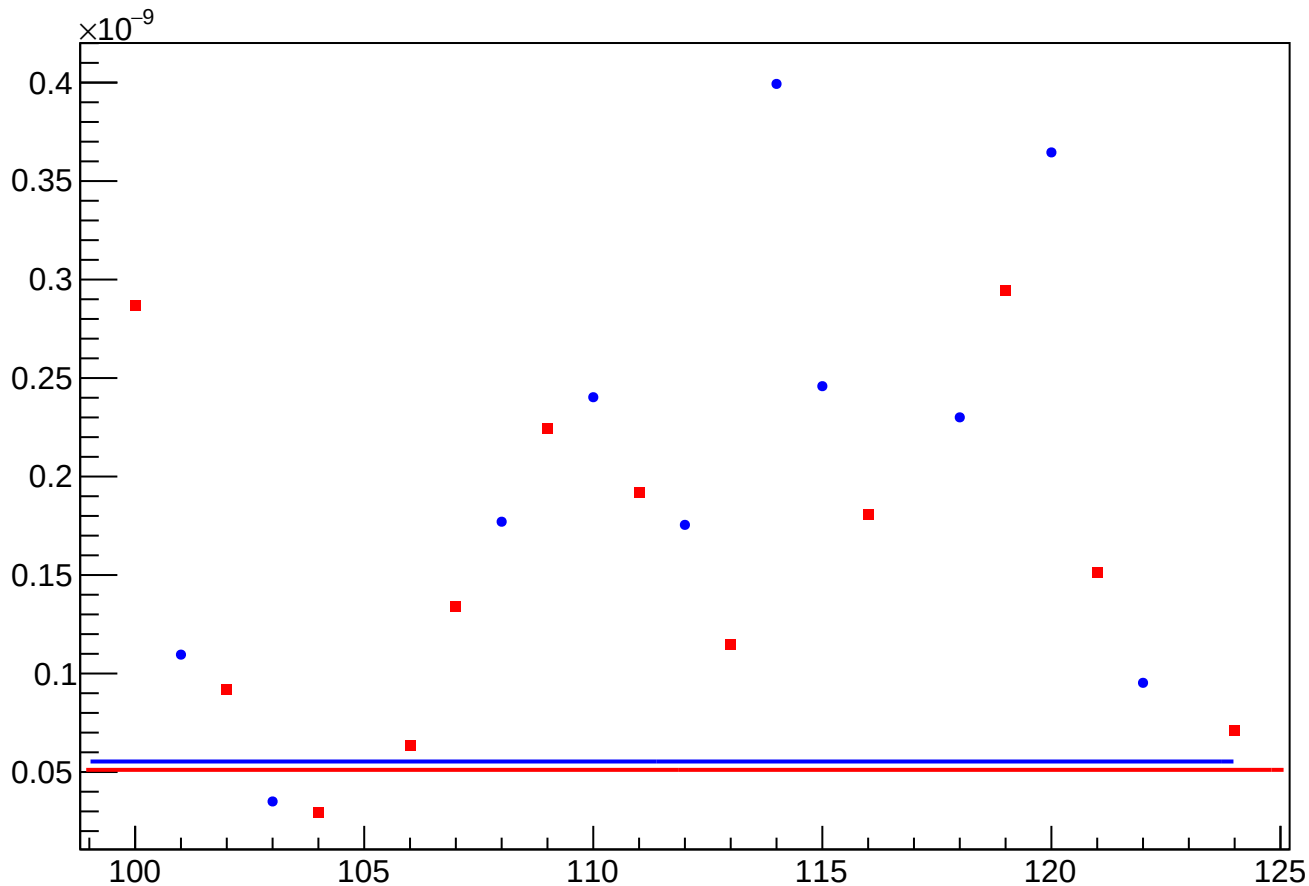
Right: 0.000+/-0.000 χ^2/NDF : 21.9/21

In: -0.000+/-0.000 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.9/21

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1527526.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1642449.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

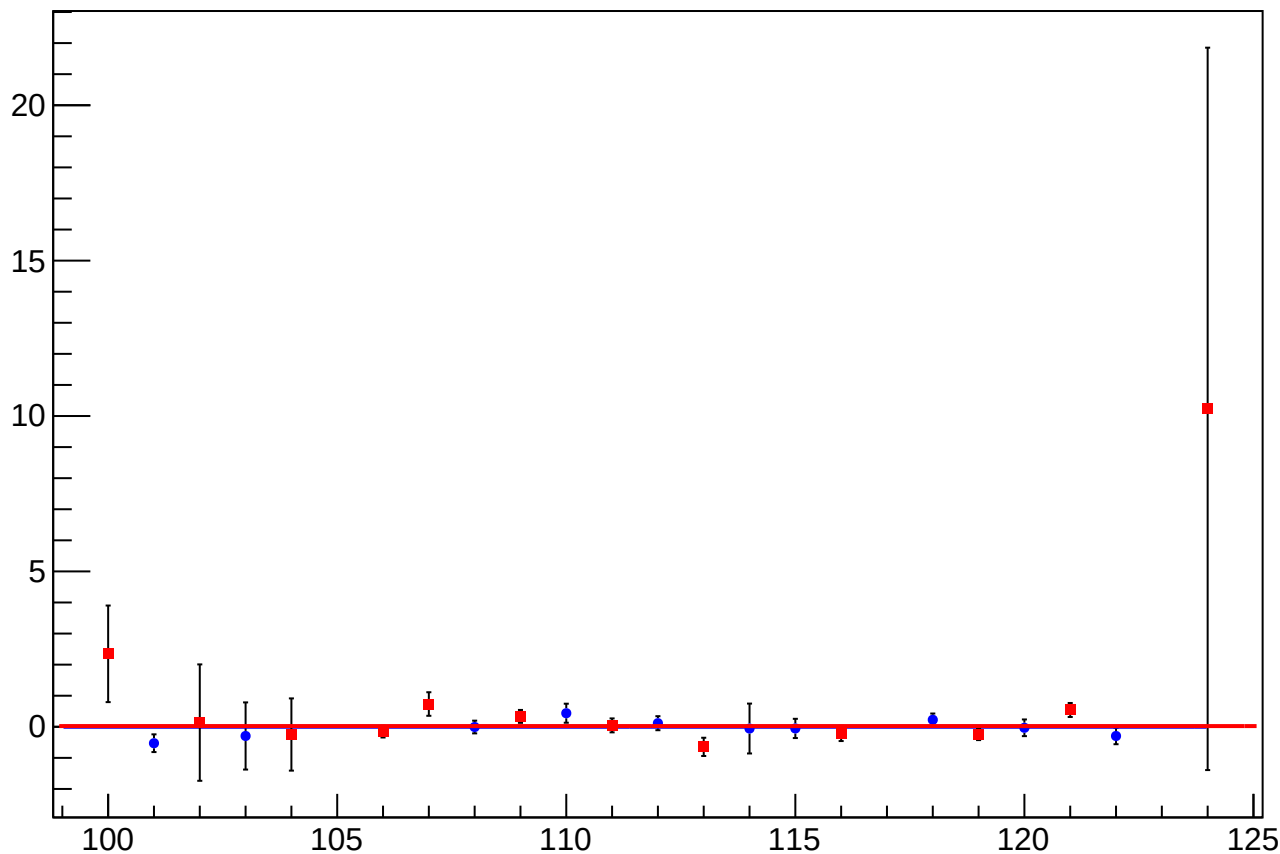
Right: 0.000+/-0.000 χ^2/NDF : 3176571.7/21

In: 0.000+/-0.000 χ^2/NDF : 1527526.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3176571.7/21

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.087 χ^2 /NDF: 8.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.080 χ^2 /NDF: 23.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

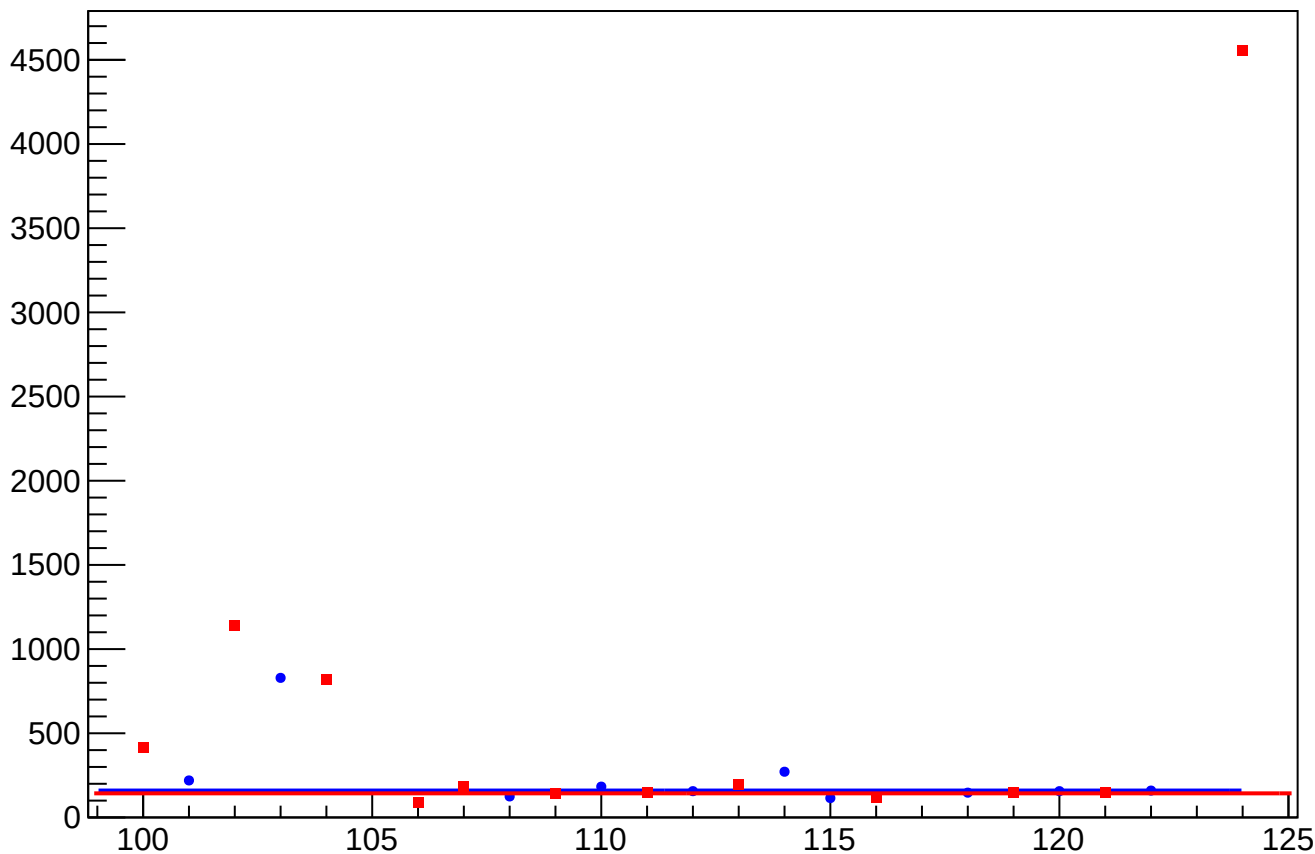
Right: 0.013 $\pm$ 0.059 χ^2 /NDF: 31.4/21

In: 0.002 $\pm$ 0.087 χ^2 /NDF:8.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.059 χ^2 /NDF: 31.4/21

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.813+/-0.062 χ^2/NDF : 1014992.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.180+/-0.057 χ^2/NDF : 1871499.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

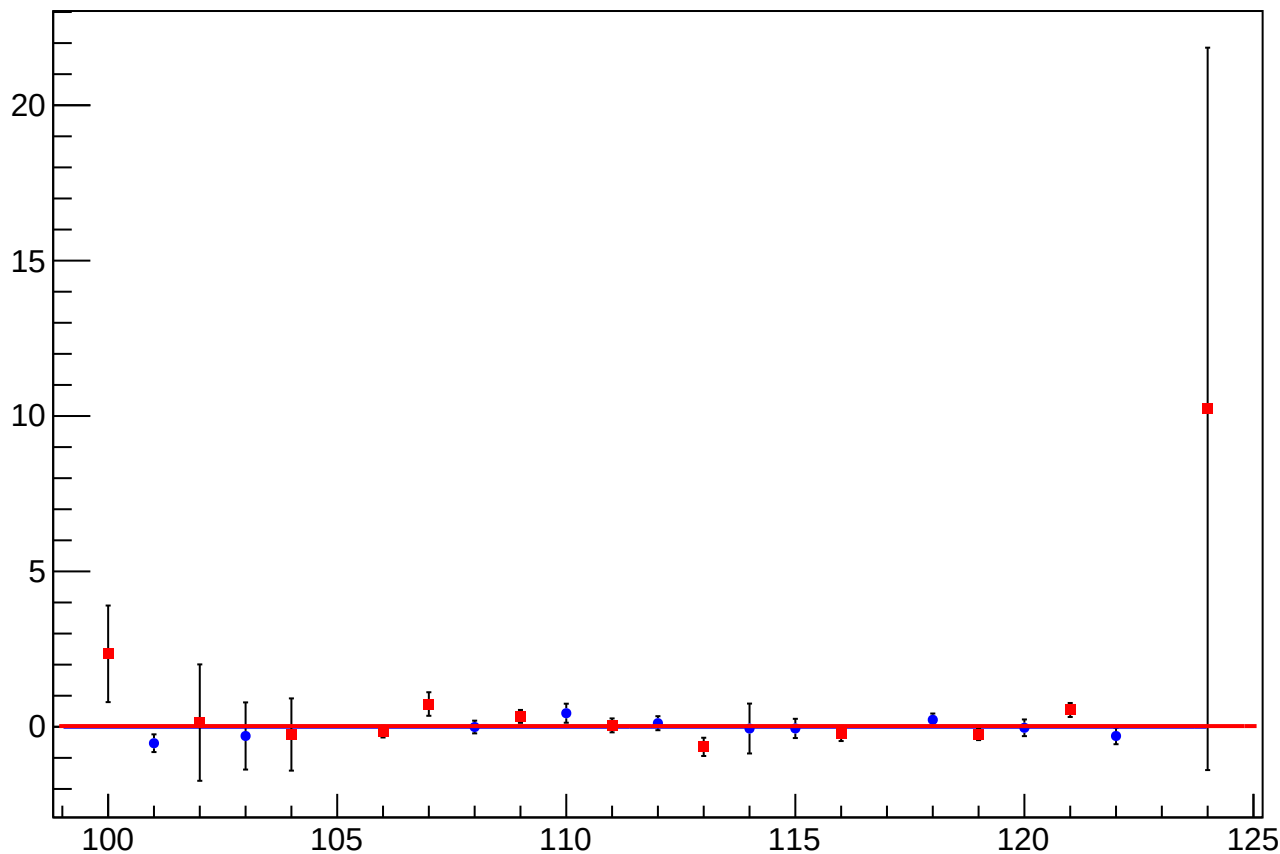
Right: 150.843+/-0.042 χ^2/NDF : 2925933.2/21

In: 159.813+/-0.062 χ^2/NDF : 1014992.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.843+/-0.042 χ^2/NDF : 2925933.2/21

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.087 χ^2 /NDF: 8.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.023 $\pm$ 0.080 χ^2 /NDF: 23.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

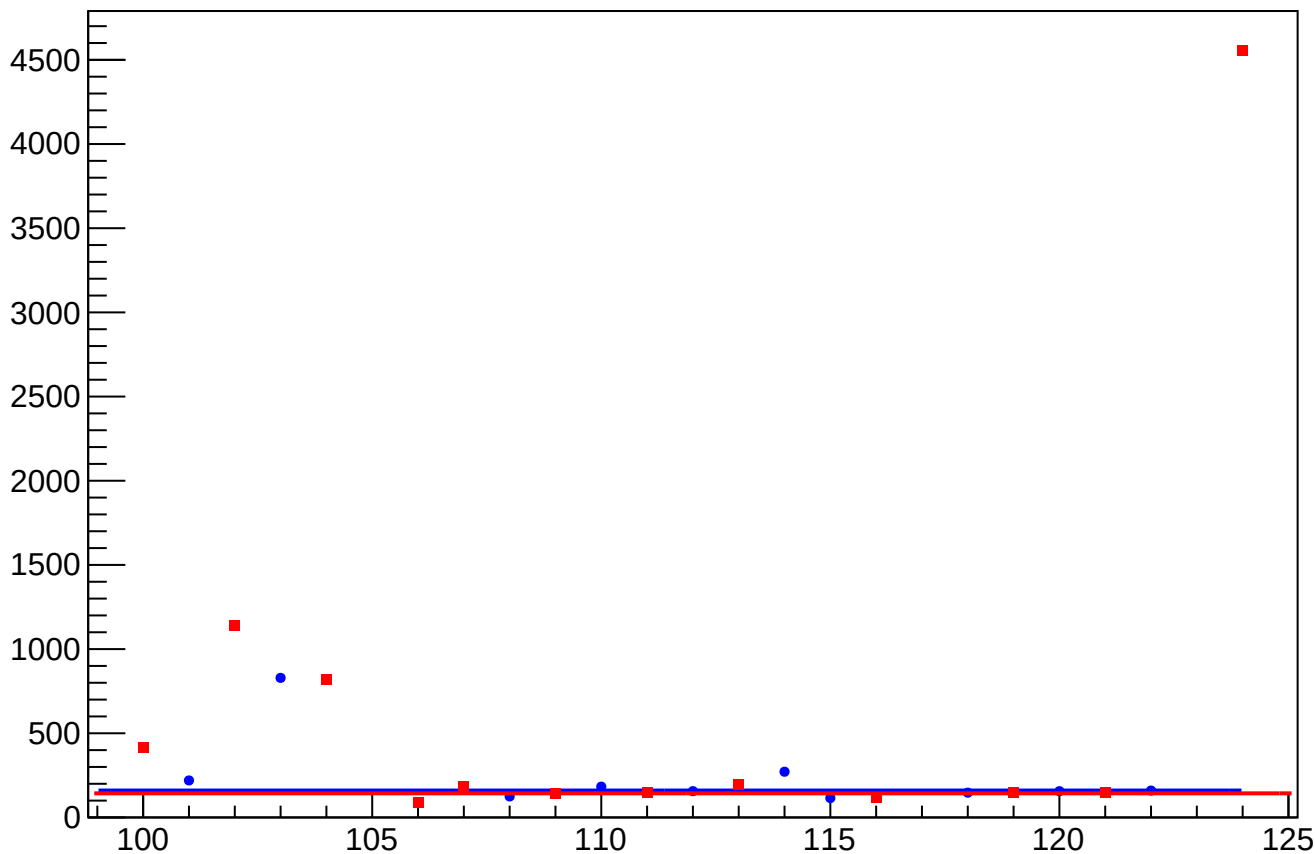
Right: 0.013 $\pm$ 0.059 χ^2 /NDF: 31.4/21

In: 0.002 $\pm$ 0.087 χ^2 /NDF: 8.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.059 χ^2 /NDF: 31.4/21

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.813+/-0.062 χ^2/NDF : 1014992.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.180+/-0.057 χ^2/NDF : 1871499.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

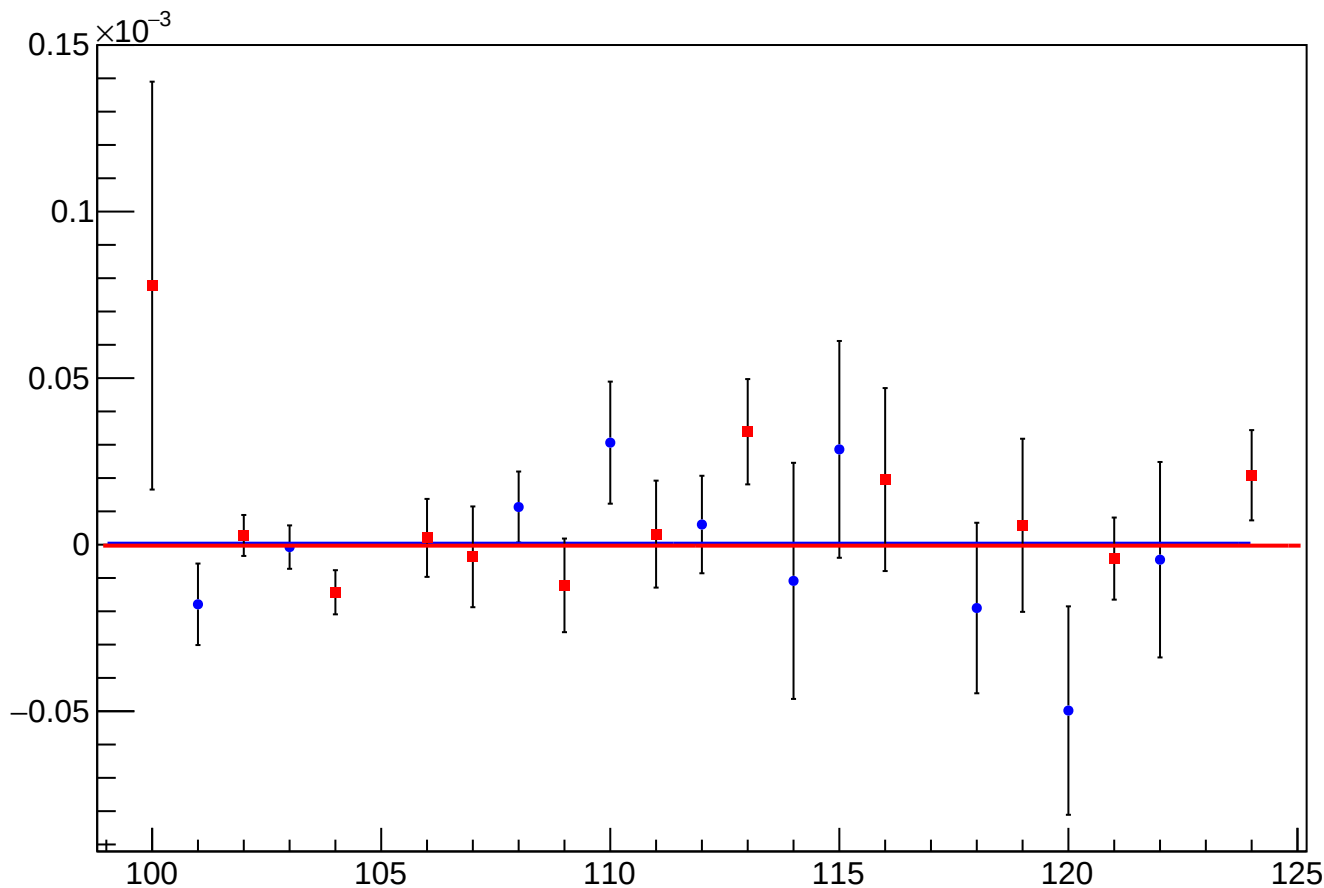
Right: 150.843+/-0.042 χ^2/NDF : 2925933.2/21

In: 159.813+/-0.062 χ^2/NDF : 1014992.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.843+/-0.042 χ^2/NDF : 2925933.2/21

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 : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

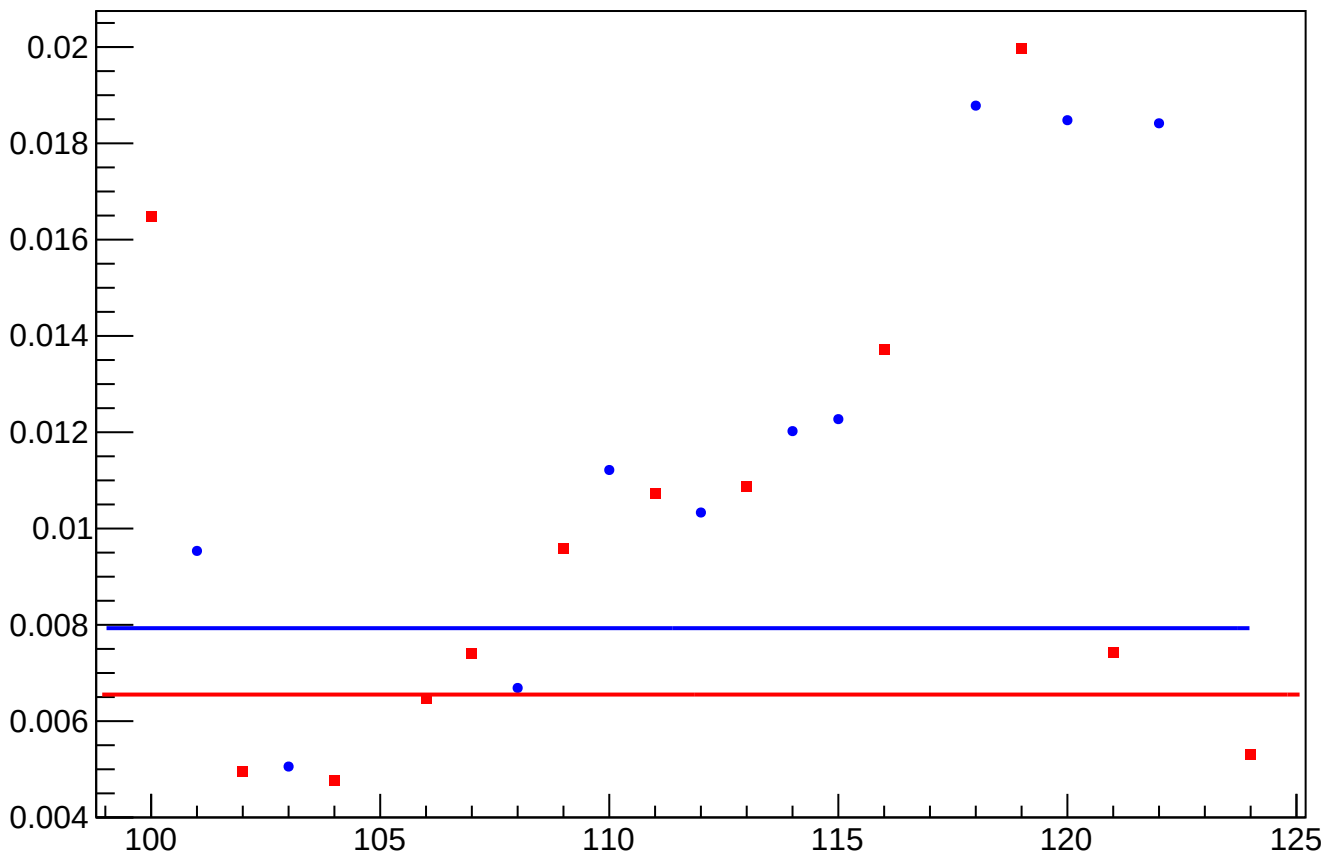
Right: -0.000+/-0.000 χ^2/NDF : 25.2/21

In: 0.000+/-0.000 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.2/21

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 : 1473305.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1415220.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

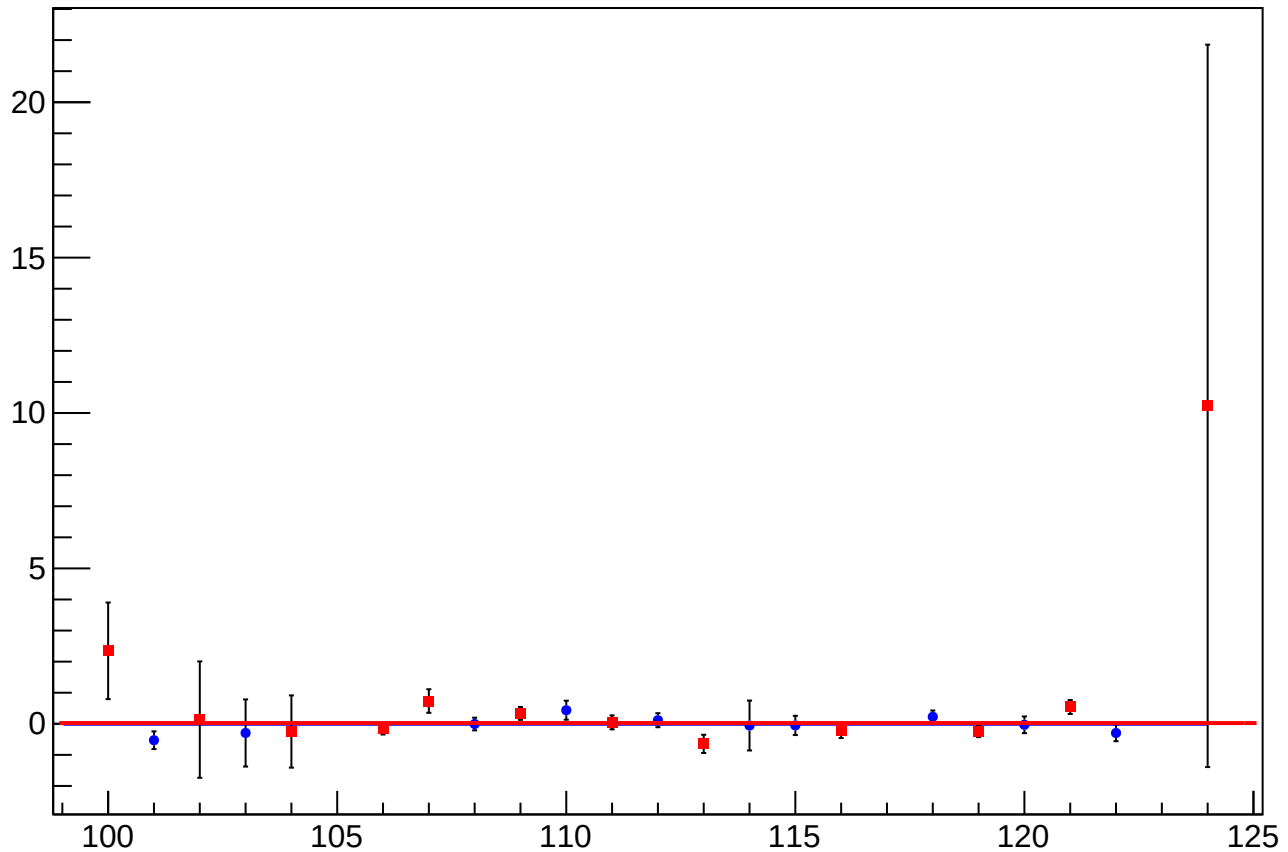
Right: 0.007+/-0.000 χ^2/NDF : 3013458.6/21

In: 0.008+/-0.000 χ^2/NDF :1473305.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3013458.6/21

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.087 χ^2 /NDF: 8.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.023 $\pm$ 0.080 χ^2 /NDF: 23.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

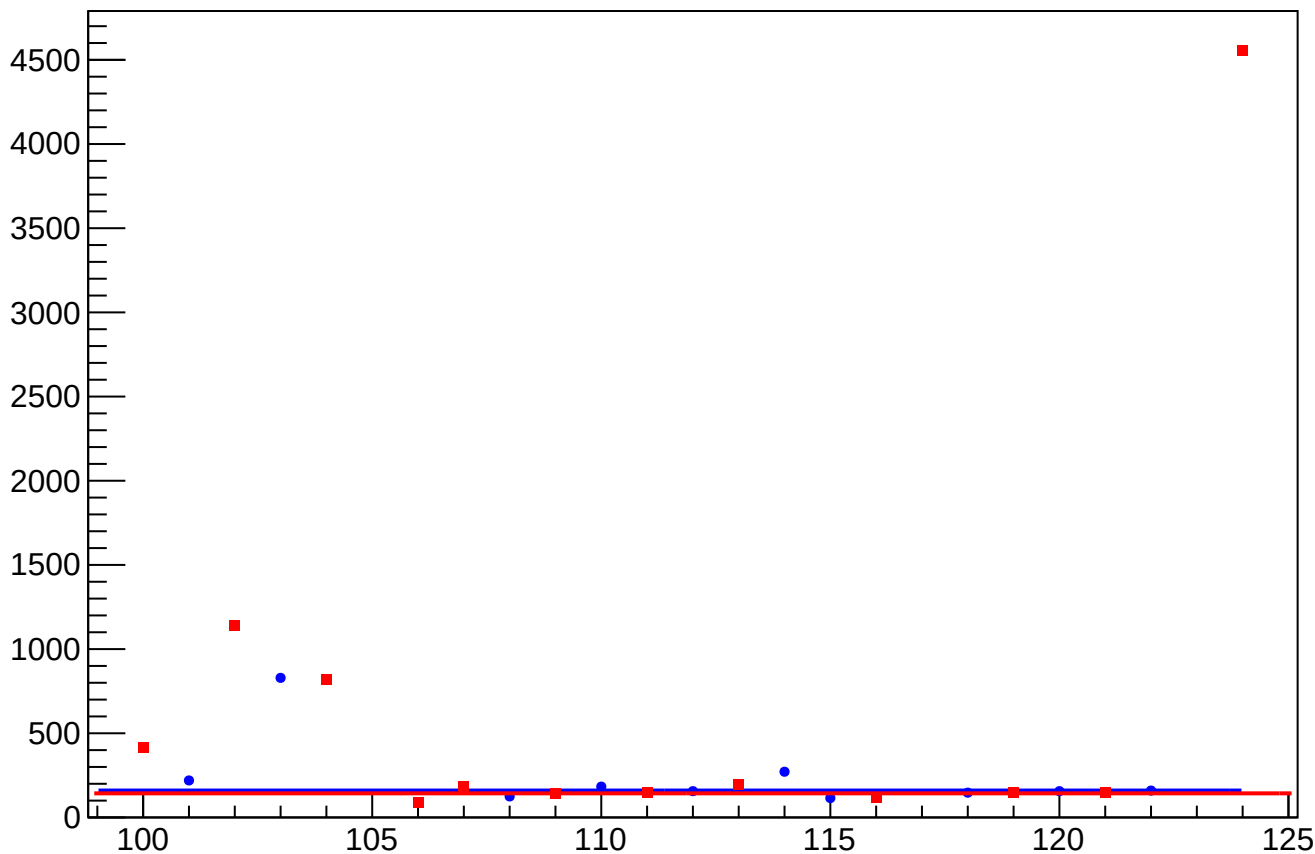
Right: 0.013 $\pm$ 0.059 χ^2 /NDF: 31.4/21

In: 0.002 $\pm$ 0.087 χ^2 /NDF: 8.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.059 χ^2 /NDF: 31.4/21

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.813+/-0.062 χ^2/NDF : 1014980.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.180+/-0.057 χ^2/NDF : 1871502.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

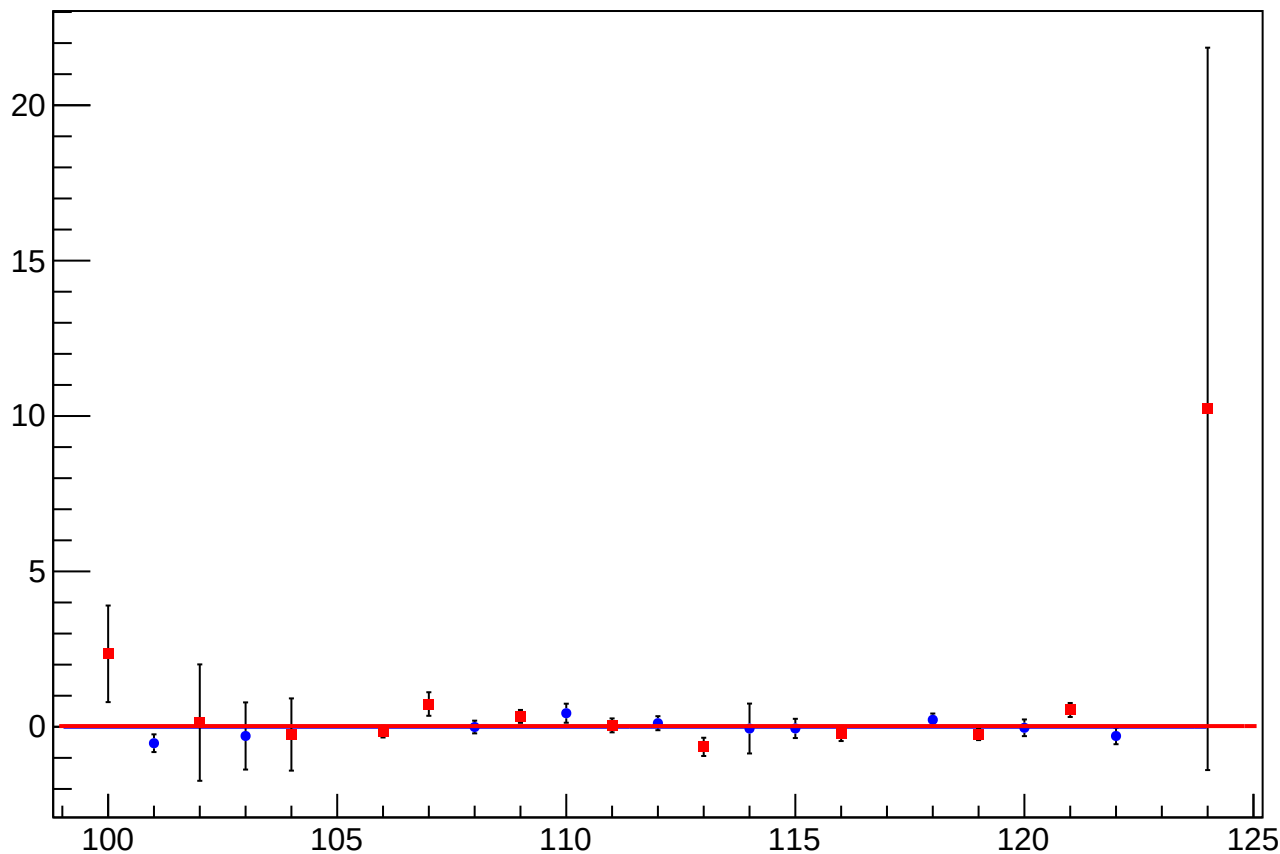
Right: 150.843+/-0.042 χ^2/NDF : 2925925.7/21

In: 159.813+/-0.062 χ^2/NDF : 1014980.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.843+/-0.042 χ^2/NDF : 2925925.7/21

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.087 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.080 χ^2/NDF : 23.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

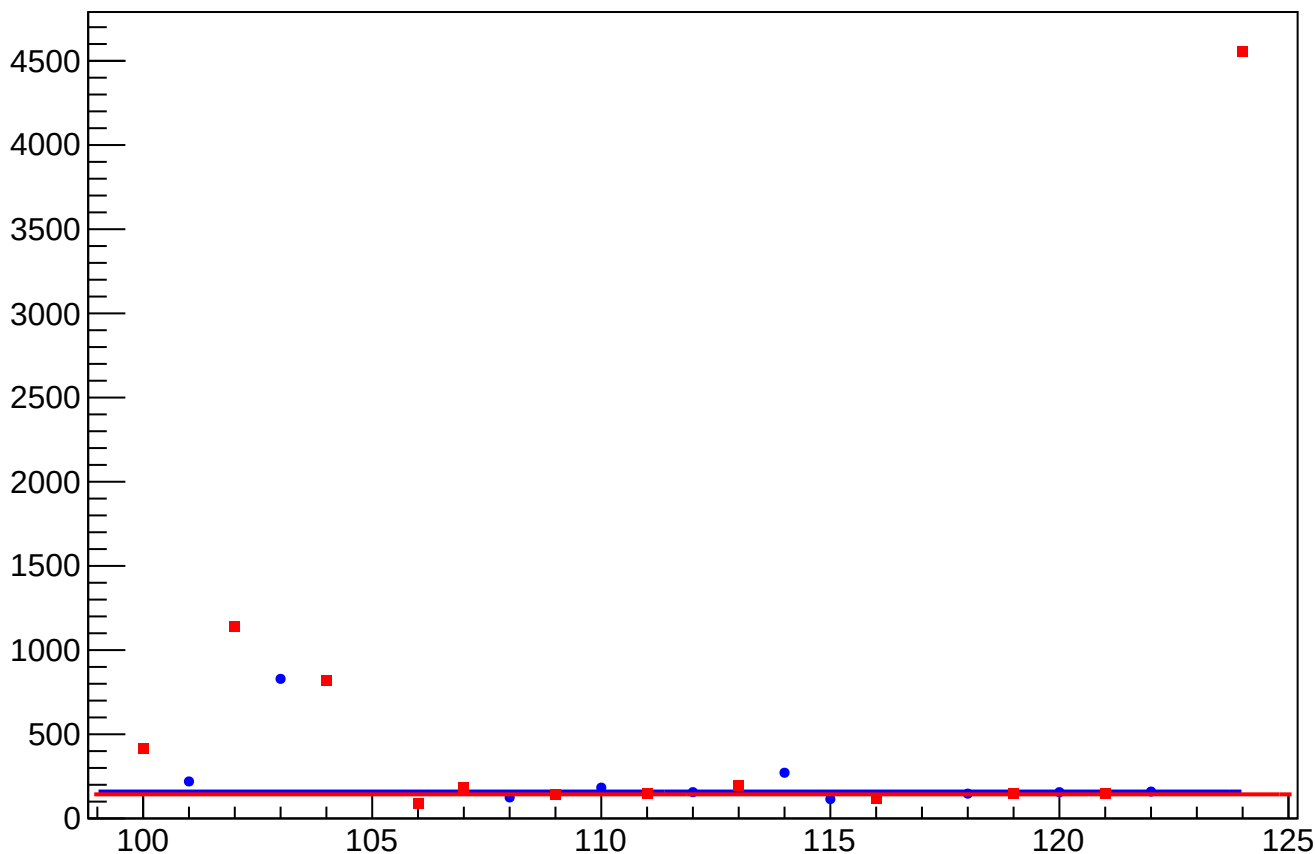
Right: 0.013+/-0.059 χ^2/NDF : 31.4/21

In: 0.002+/-0.087 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.059 χ^2/NDF : 31.4/21

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.813+/-0.062 χ^2/NDF : 1014980.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.180+/-0.057 χ^2/NDF : 1871502.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

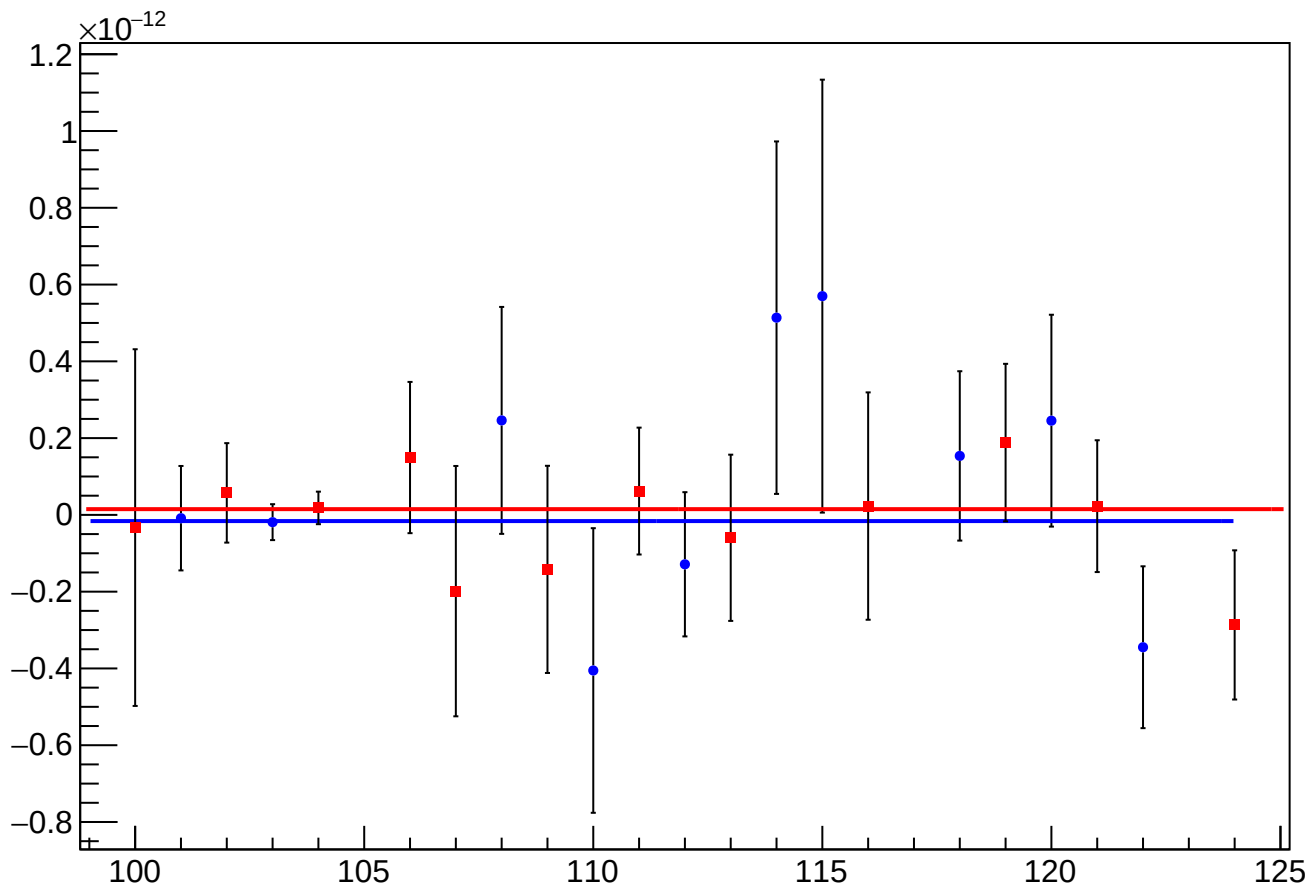
Right: 150.843+/-0.042 χ^2/NDF : 2925925.7/21

In: 159.813+/-0.062 χ^2/NDF : 1014980.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.843+/-0.042 χ^2/NDF : 2925925.7/21

asym_atl_avg_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

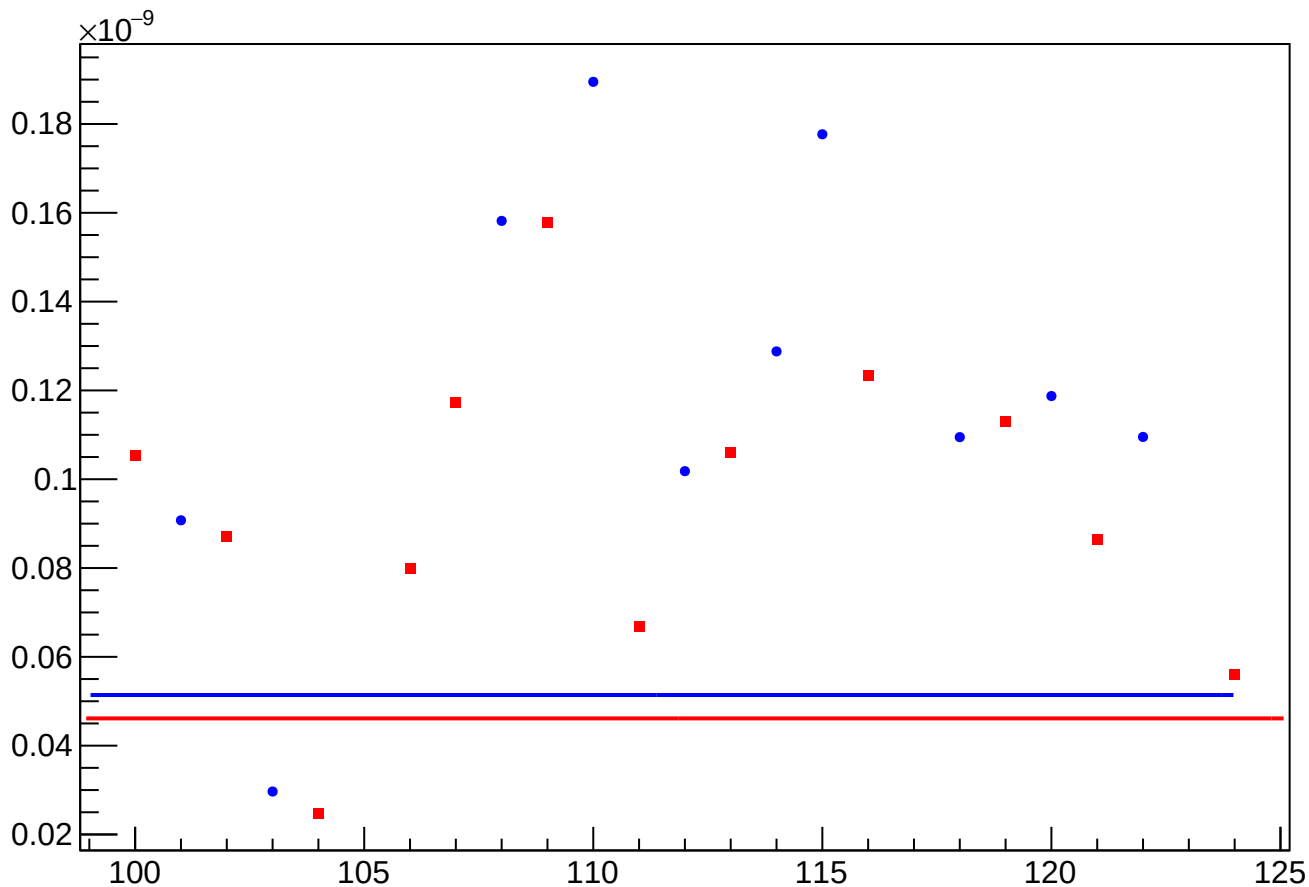
Right: 0.000+/-0.000 χ^2/NDF : 13.6/21

In: -0.000+/-0.000 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.6/21

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 : 1848418.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1890993.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

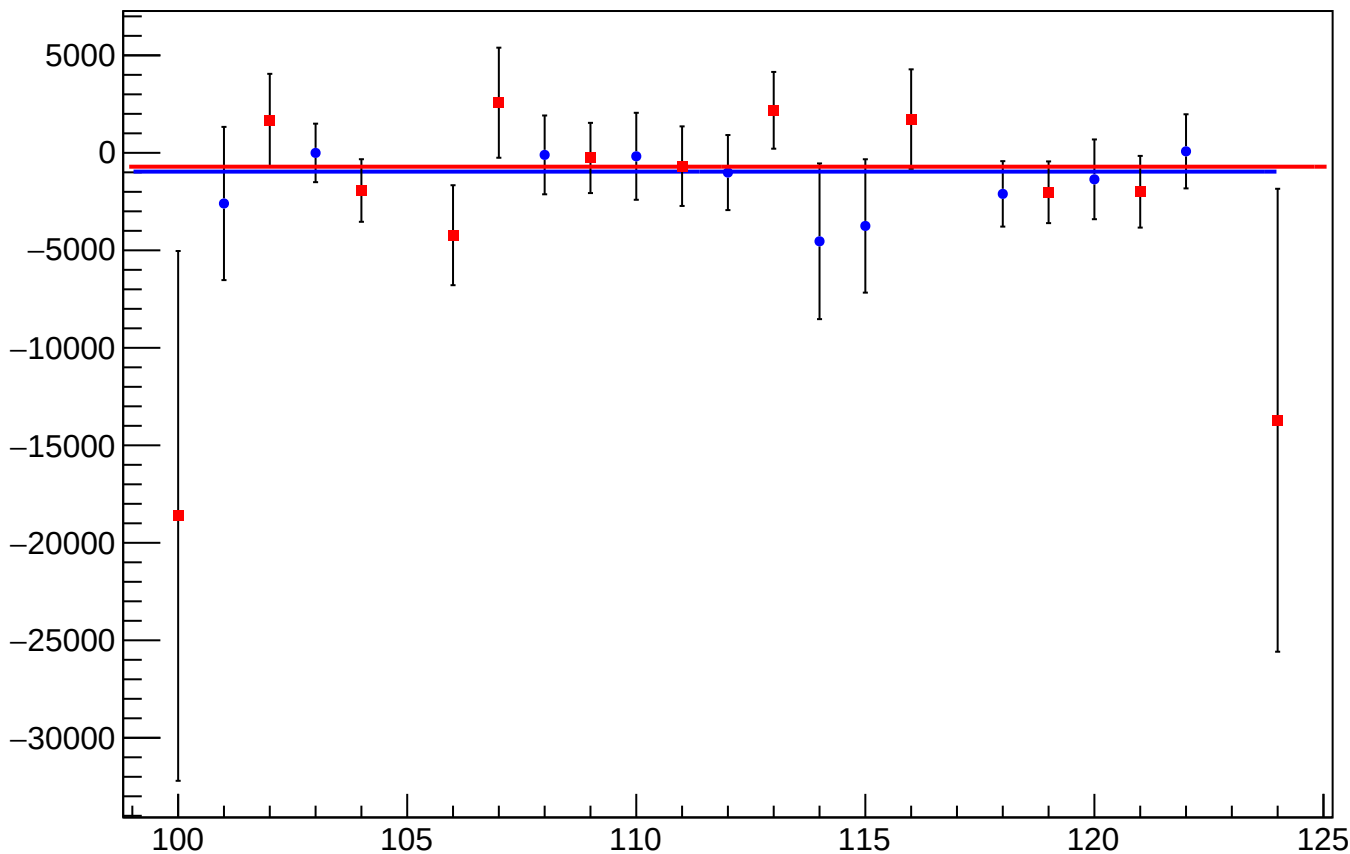
Right: 0.000+/-0.000 χ^2/NDF : 3759087.4/21

In: 0.000+/-0.000 χ^2/NDF : 1848418.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3759087.4/21

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -962.633+/-667.575 χ^2/NDF : 3.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -710.547+/-631.018 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

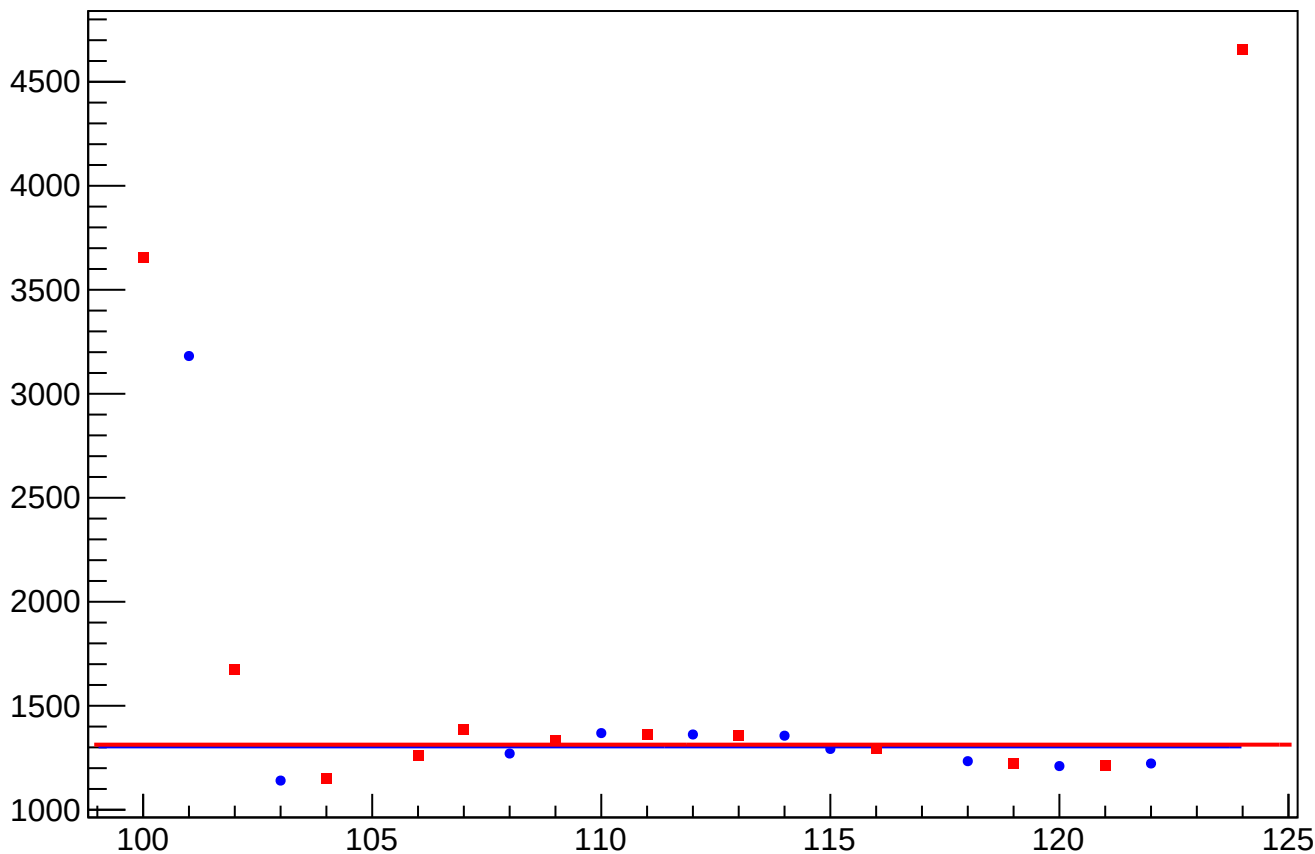
Right: -829.499+/-458.576 χ^2/NDF : 15.3/21

In: -962.633+/-667.575 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -829.499+/-458.576 χ^2/NDF : 15.3/21

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1304.745+/-0.472 χ^2/NDF : 496421.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1313.064+/-0.446 χ^2/NDF : 303056.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

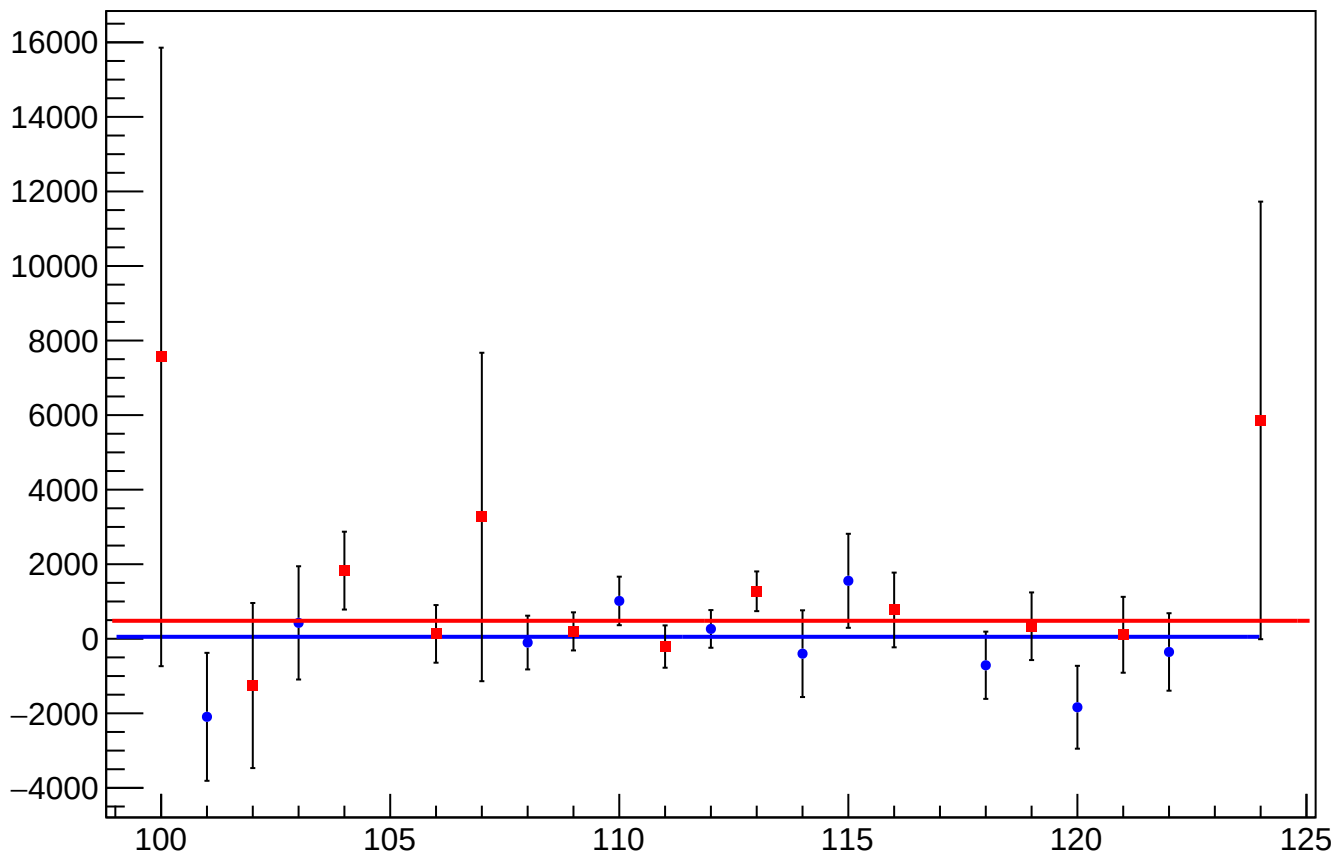
Right: 1309.138+/-0.324 χ^2/NDF : 799642.1/21

In: 1304.745+/-0.472 χ^2/NDF : 496421.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.138+/-0.324 χ^2/NDF : 799642.1/21

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 52.611+/-274.168 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.135+/-246.017 χ^2/NDF : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

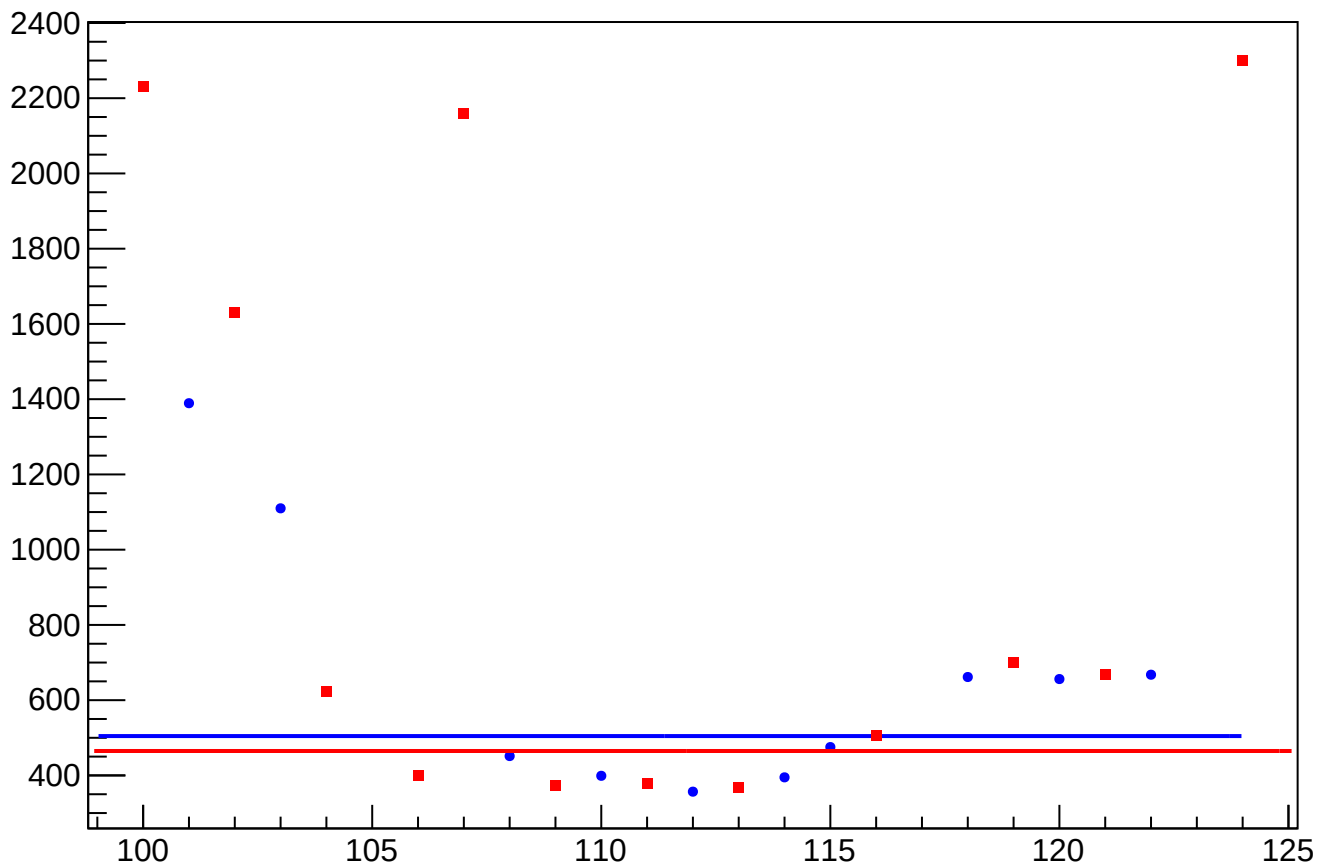
Right: 290.550+/-183.107 χ^2/NDF : 19.4/21

In: 52.611+/-274.168 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.550+/-183.107 χ^2/NDF : 19.4/21

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 504.601+/-0.194 χ^2/NDF : 1249387.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.934+/-0.174 χ^2/NDF : 1590479.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

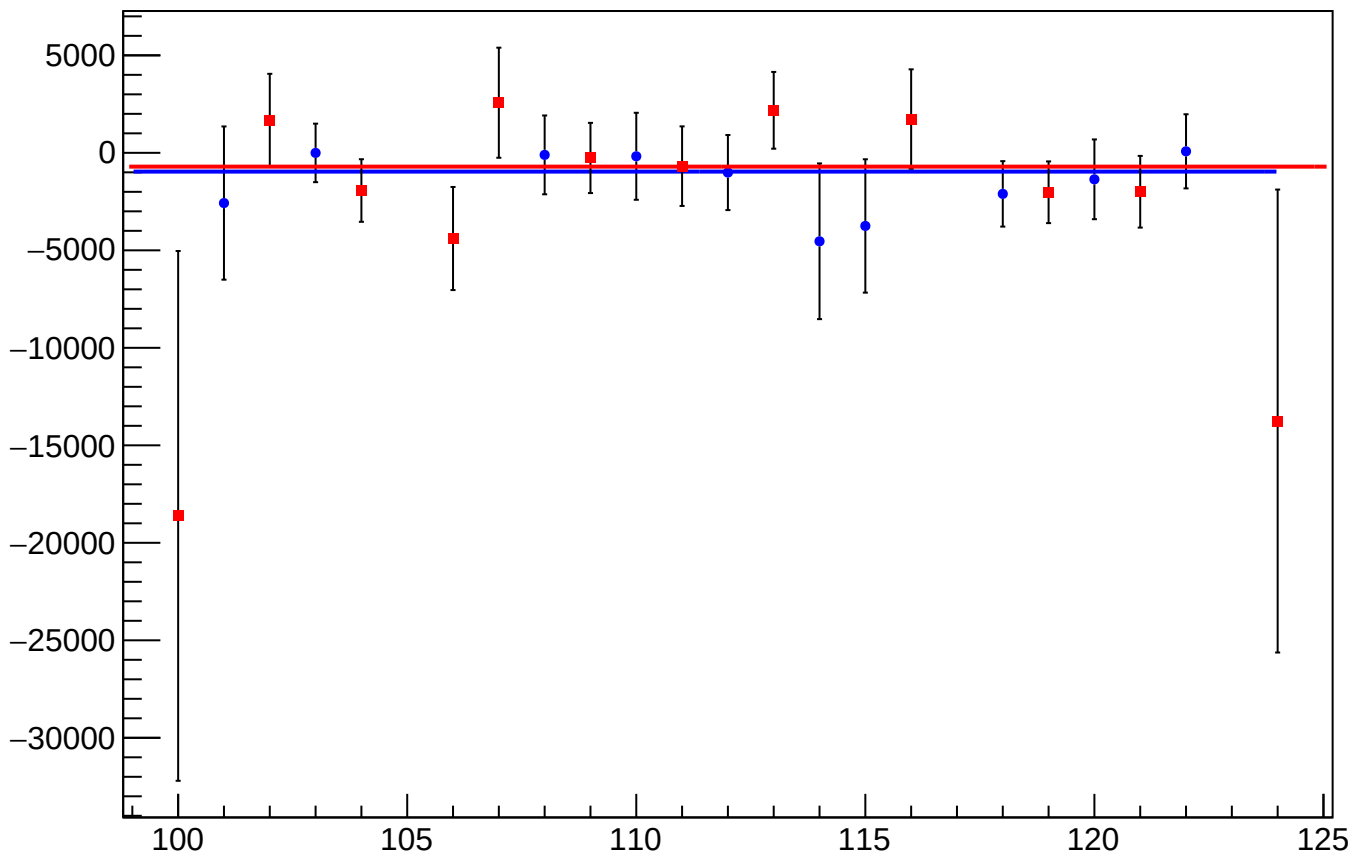
Right: 482.627+/-0.129 χ^2/NDF : 2863059.1/21

In: 504.601+/-0.194 χ^2/NDF : 1249387.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.627+/-0.129 χ^2/NDF : 2863059.1/21

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -707.613+/-632.165 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

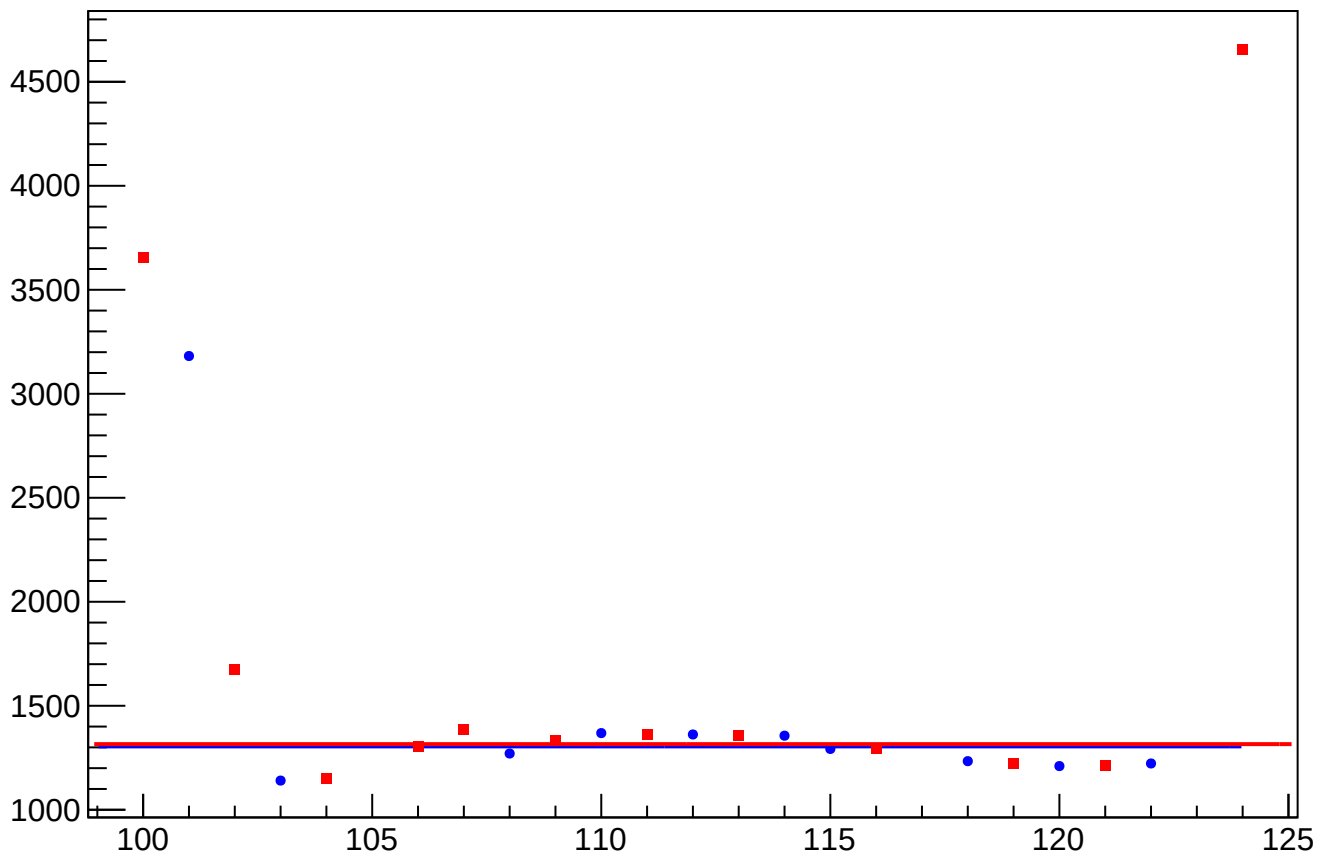
Right: -827.848+/-459.016 χ^2/NDF : 15.4/21

In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -827.848+/-459.016 χ^2/NDF : 15.4/21

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.578+/-0.447 χ^2/NDF : 302289.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

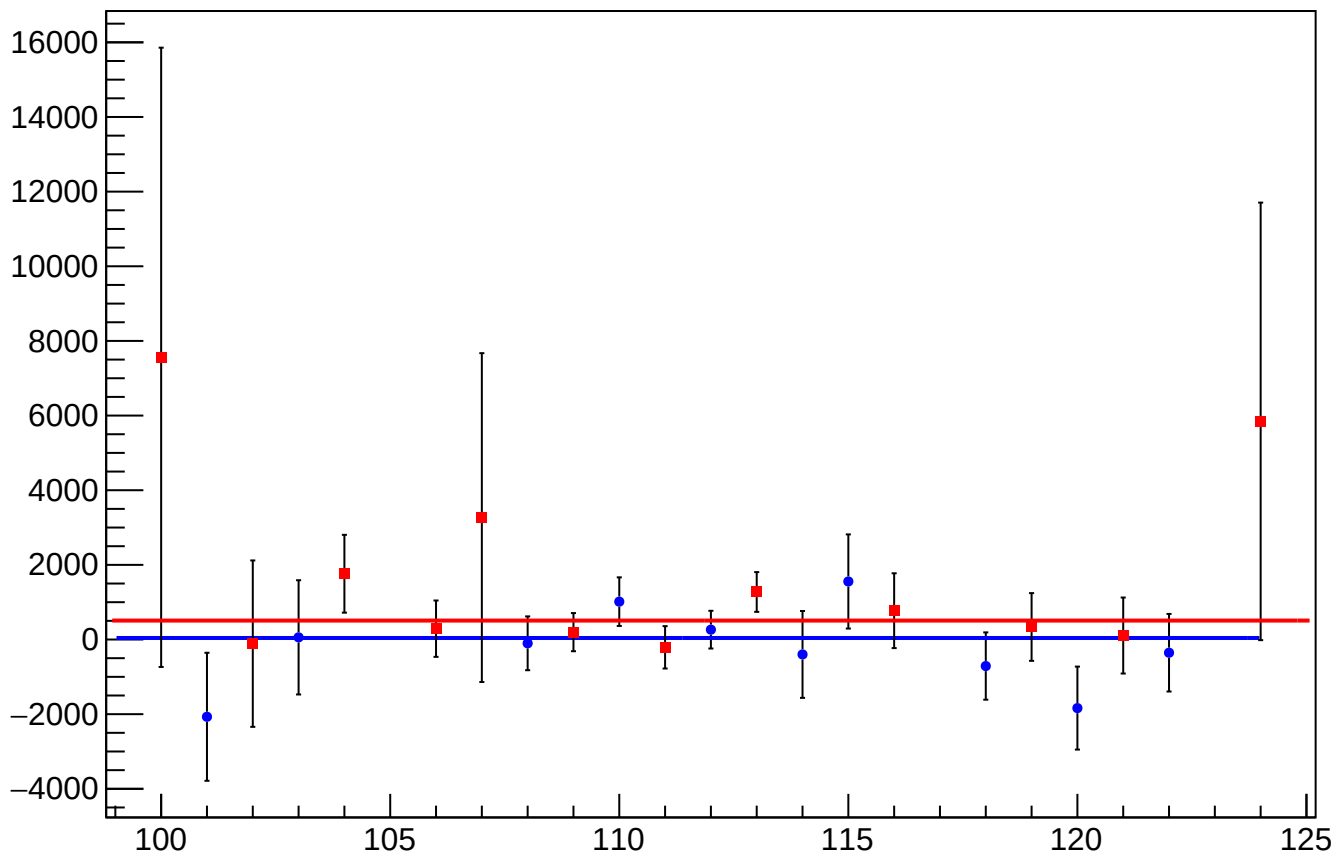
Right: 1310.456+/-0.325 χ^2/NDF : 798989.8/21

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.456+/-0.325 χ^2/NDF : 798989.8/21

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 507.734+/-245.407 χ^2/NDF : 7.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

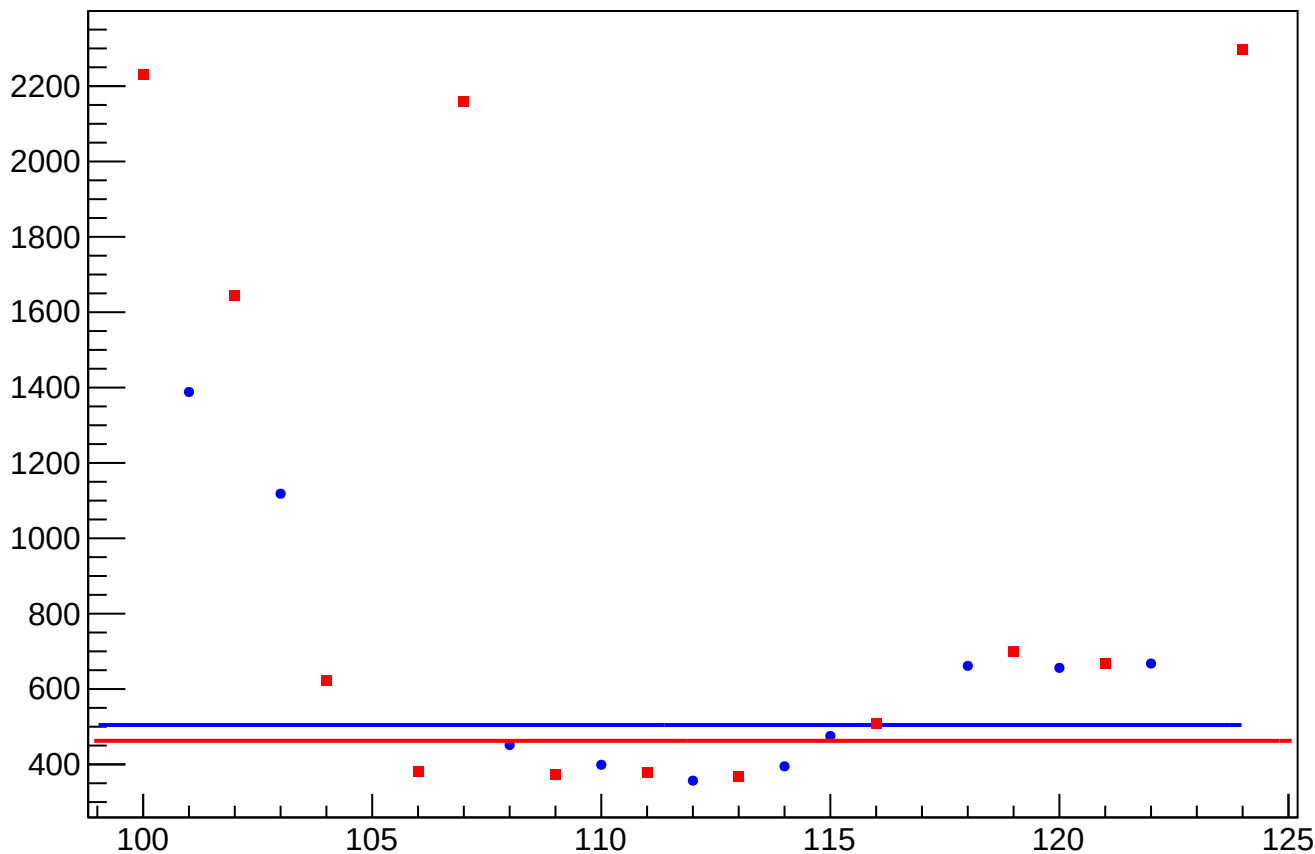
Right: 300.266+/-182.873 χ^2/NDF : 18.7/21

In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.266+/-182.873 χ^2/NDF : 18.7/21

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.543+/-0.174 χ^2/NDF : 1607861.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

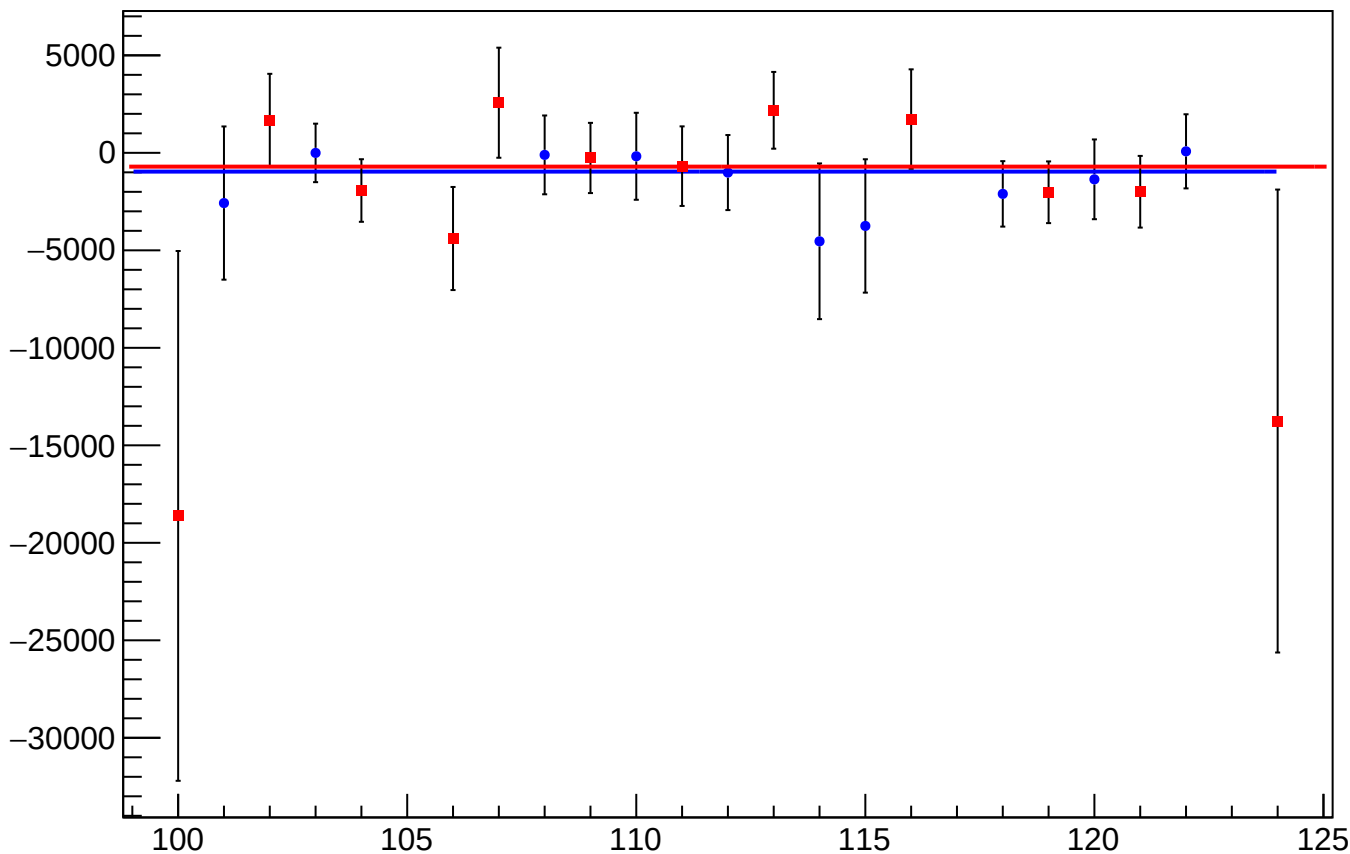
Right: 481.242+/-0.129 χ^2/NDF : 2887019.0/21

In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.242+/-0.129 χ^2/NDF : 2887019.0/21

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -707.613+/-632.165 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

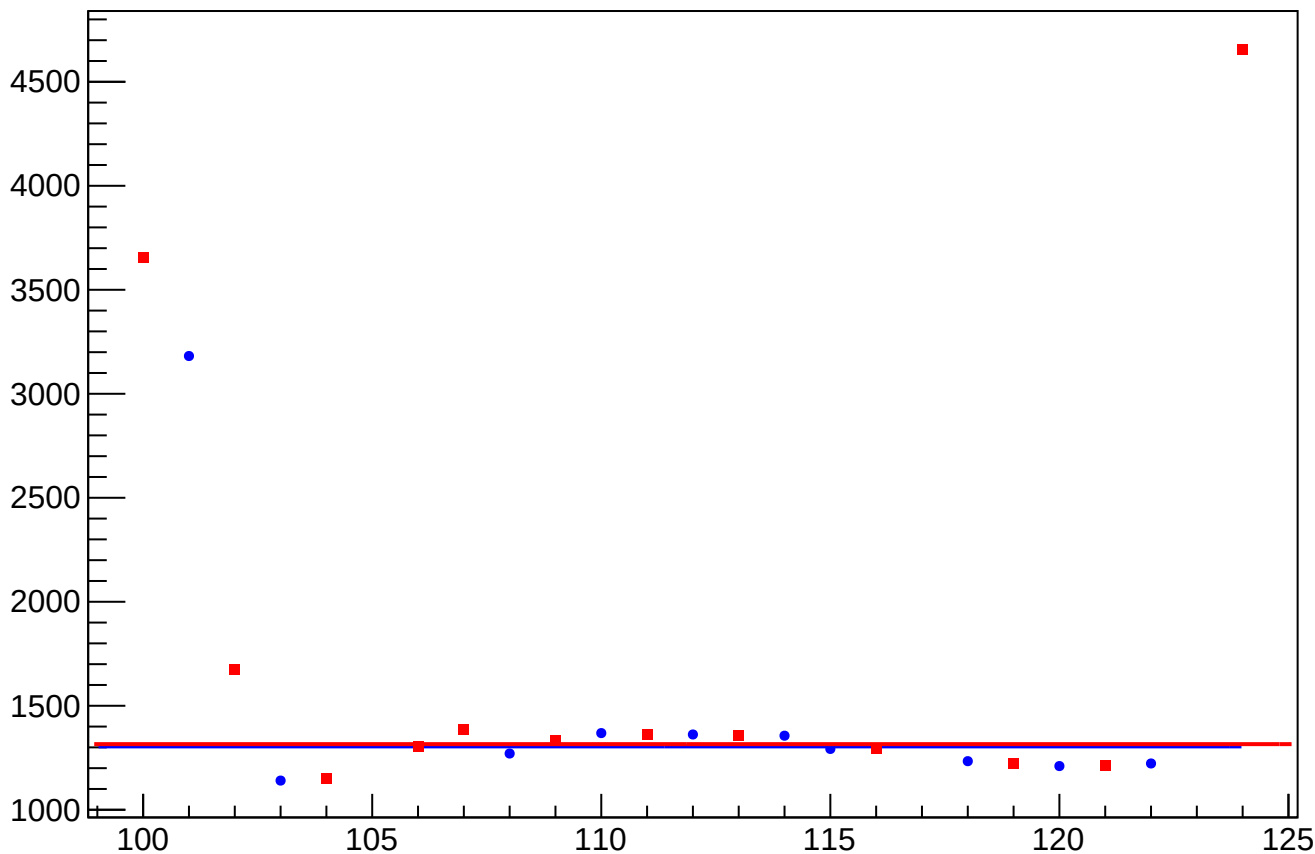
Right: -827.848+/-459.016 χ^2/NDF : 15.4/21

In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -827.848+/-459.016 χ^2/NDF : 15.4/21

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.578+/-0.447 χ^2/NDF : 302289.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

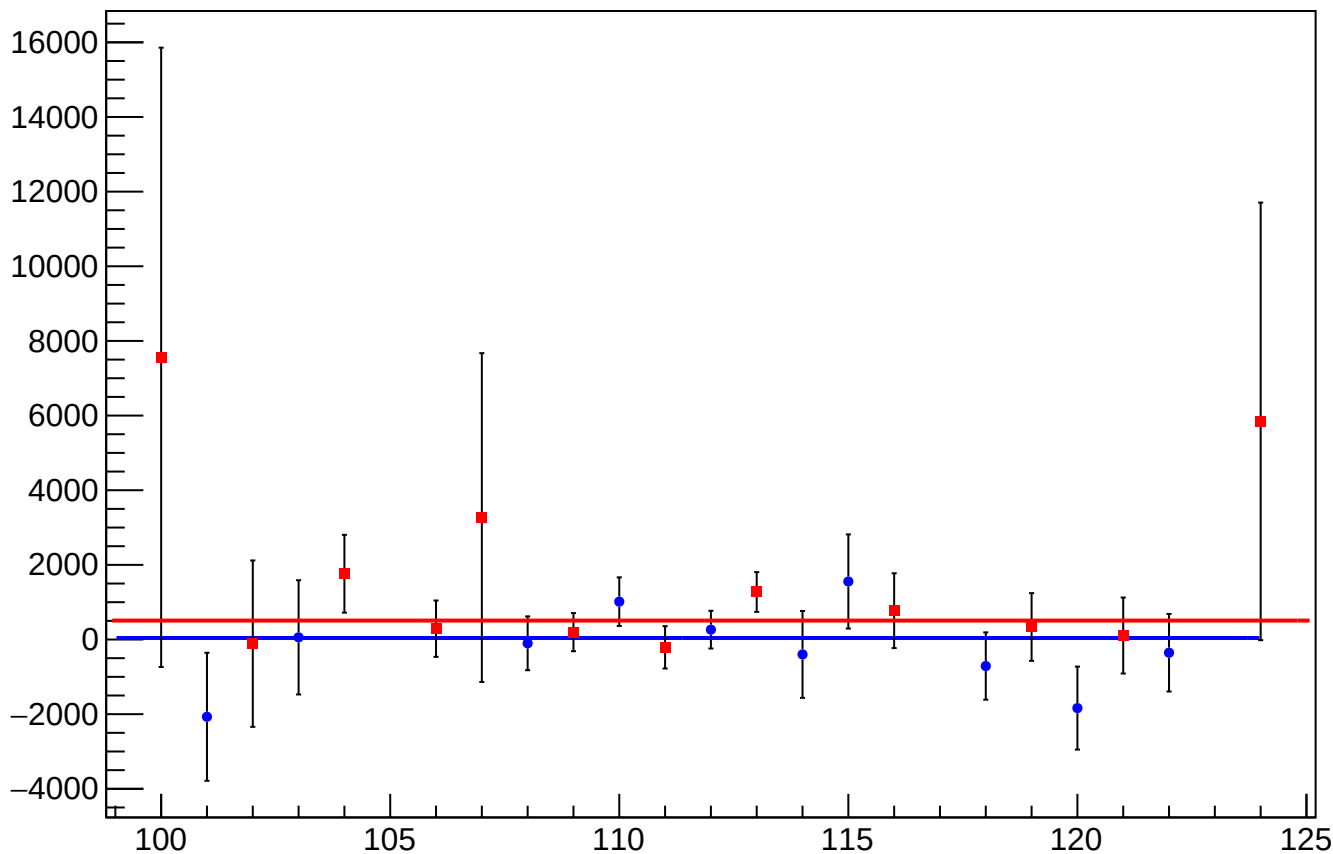
Right: 1310.456+/-0.325 χ^2/NDF : 798989.8/21

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.456+/-0.325 χ^2/NDF : 798989.8/21

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 507.734+/-245.407 χ^2/NDF : 7.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

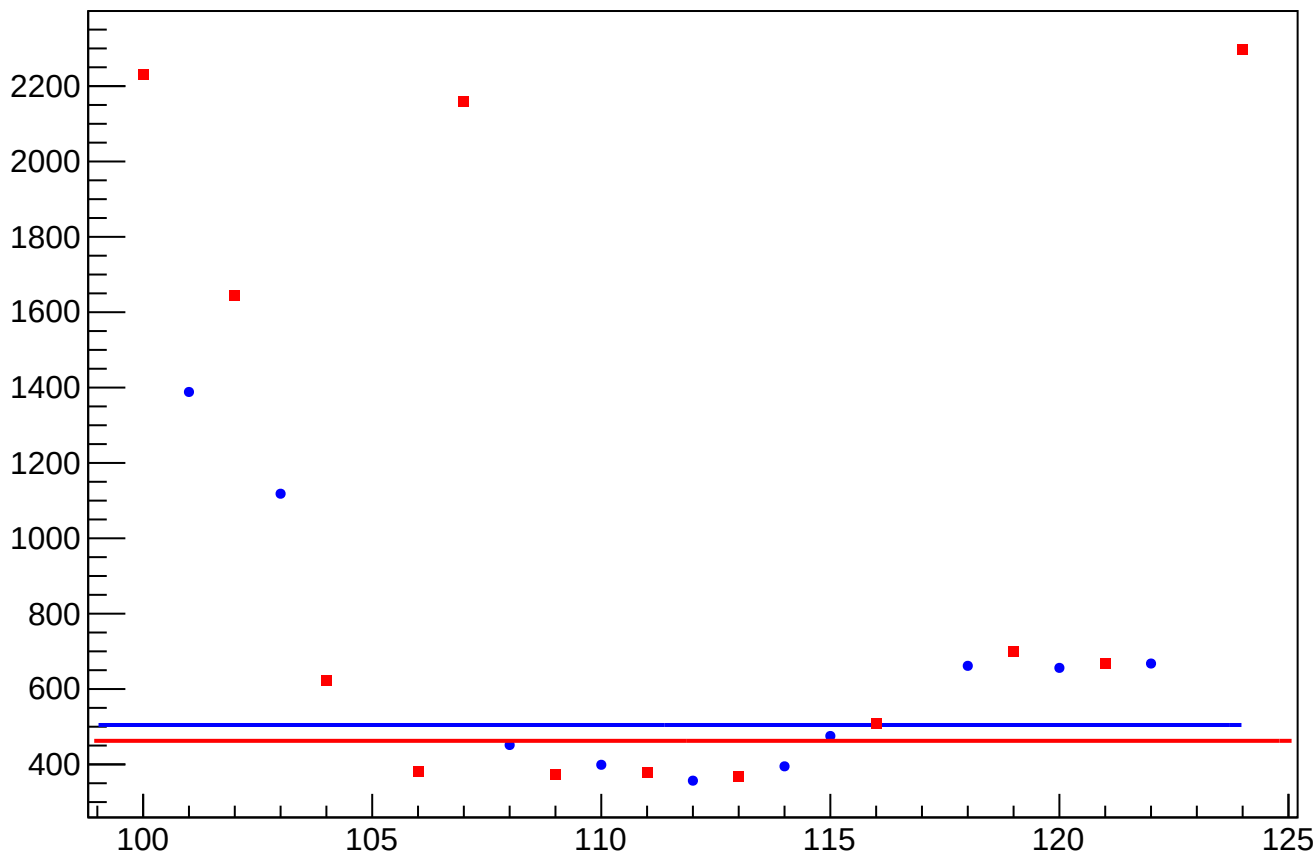
Right: 300.266+/-182.873 χ^2/NDF : 18.7/21

In: 41.200+/-274.231 χ^2/NDF :9.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 300.266+/-182.873 χ^2/NDF : 18.7/21

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.543+/-0.174 χ^2/NDF : 1607861.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

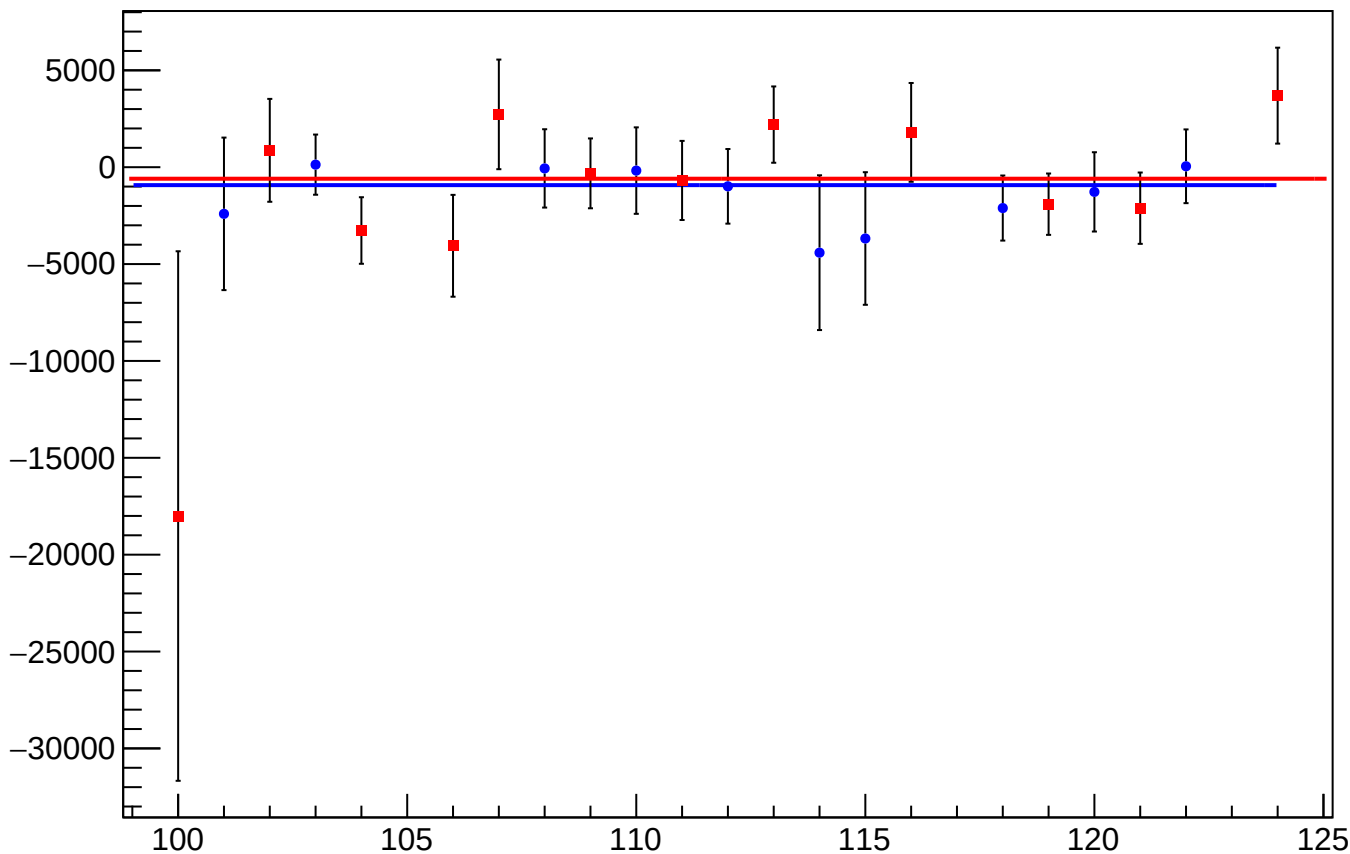
Right: 481.242+/-0.129 χ^2/NDF : 2887019.0/21

In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.242+/-0.129 χ^2/NDF : 2887019.0/21

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -925.602+/-672.419 χ^2 /NDF: 3.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -594.414+/-623.549 χ^2 /NDF: 14.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

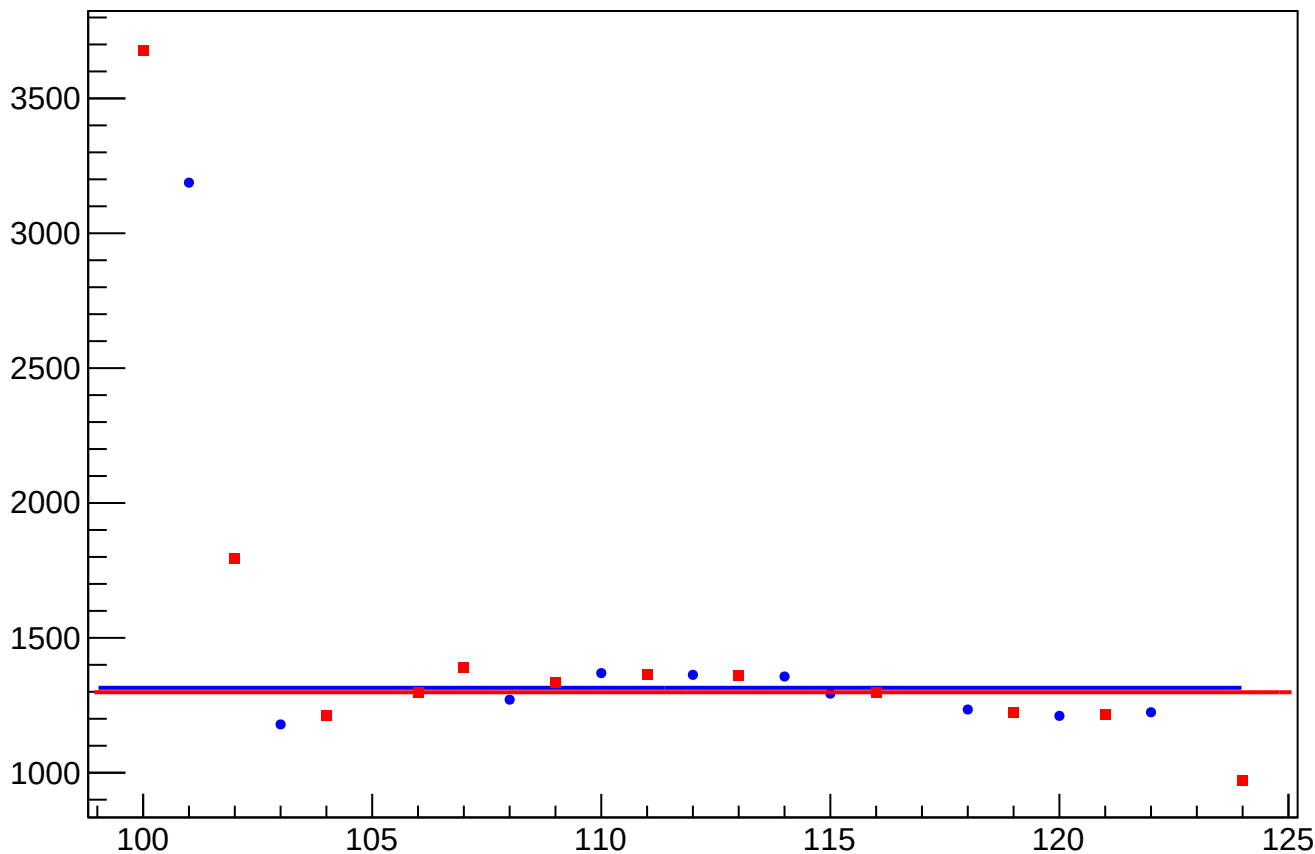
Right: -747.537+/-457.218 χ^2 /NDF: 18.0/21

In: -925.602+/-672.419 χ^2 /NDF:3.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -747.537+/-457.218 χ^2 /NDF: 18.0/21

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1314.856+/-0.475 χ^2/NDF : 486041.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.300+/-0.441 χ^2/NDF : 185695.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

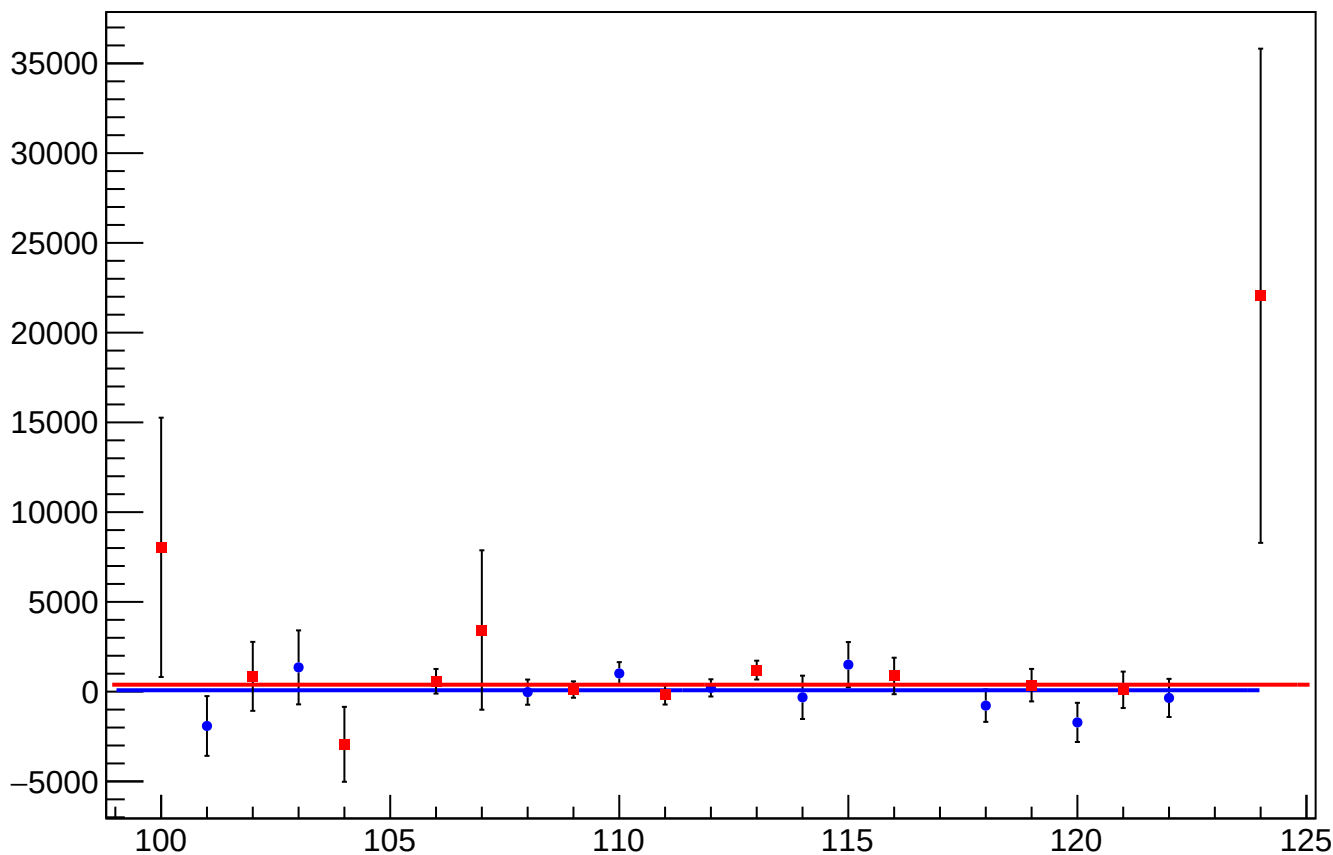
Right: 1305.954+/-0.323 χ^2/NDF : 672389.4/21

In: 1314.856+/-0.475 χ^2/NDF : 486041.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.954+/-0.323 χ^2/NDF : 672389.4/21

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 77.627+/-269.572 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.456+/-237.021 χ^2/NDF : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

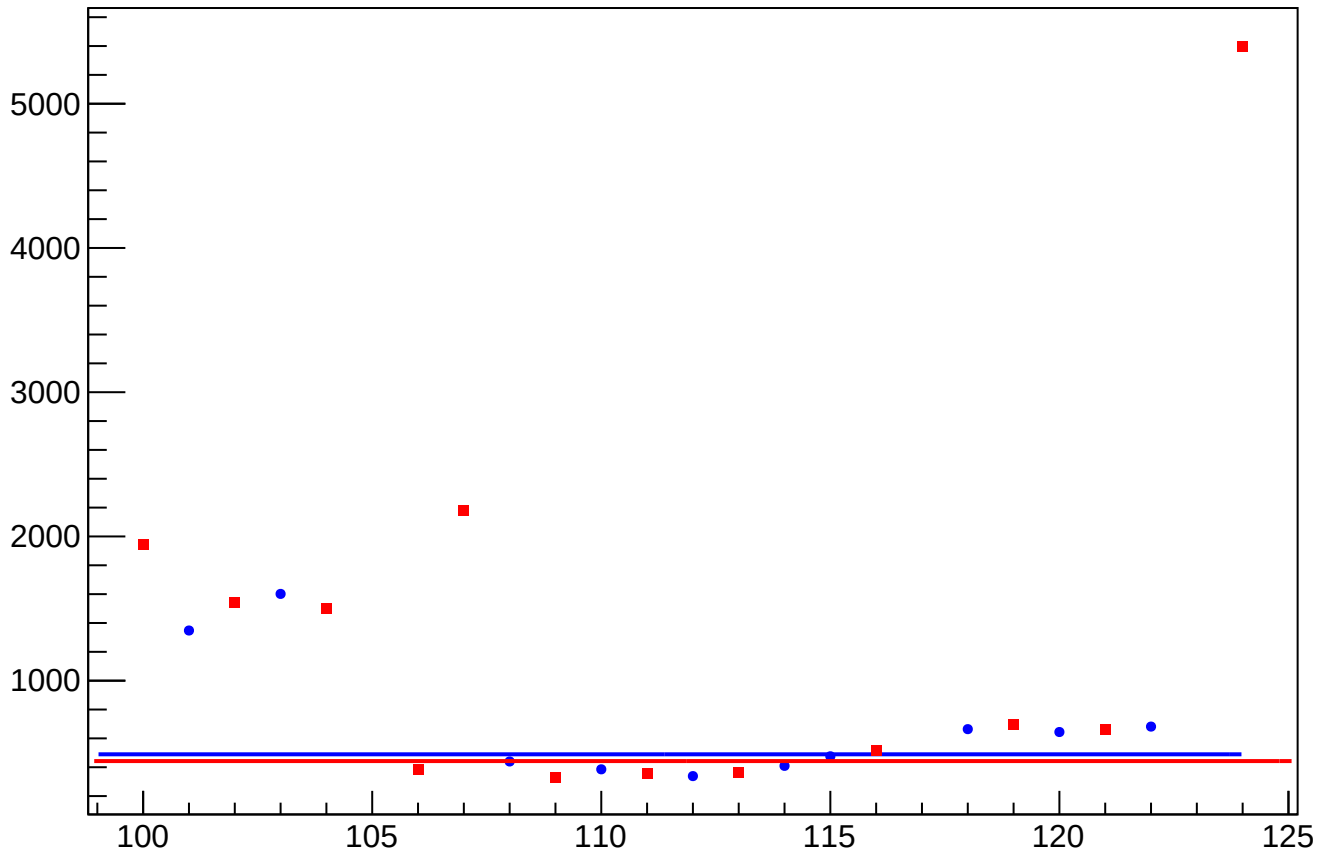
Right: 252.368+/-178.001 χ^2/NDF : 20.9/21

In: 77.627+/-269.572 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.368+/-178.001 χ^2/NDF : 20.9/21

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 489.597+/-0.191 χ^2/NDF : 1566355.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 442.669+/-0.168 χ^2/NDF : 2326840.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

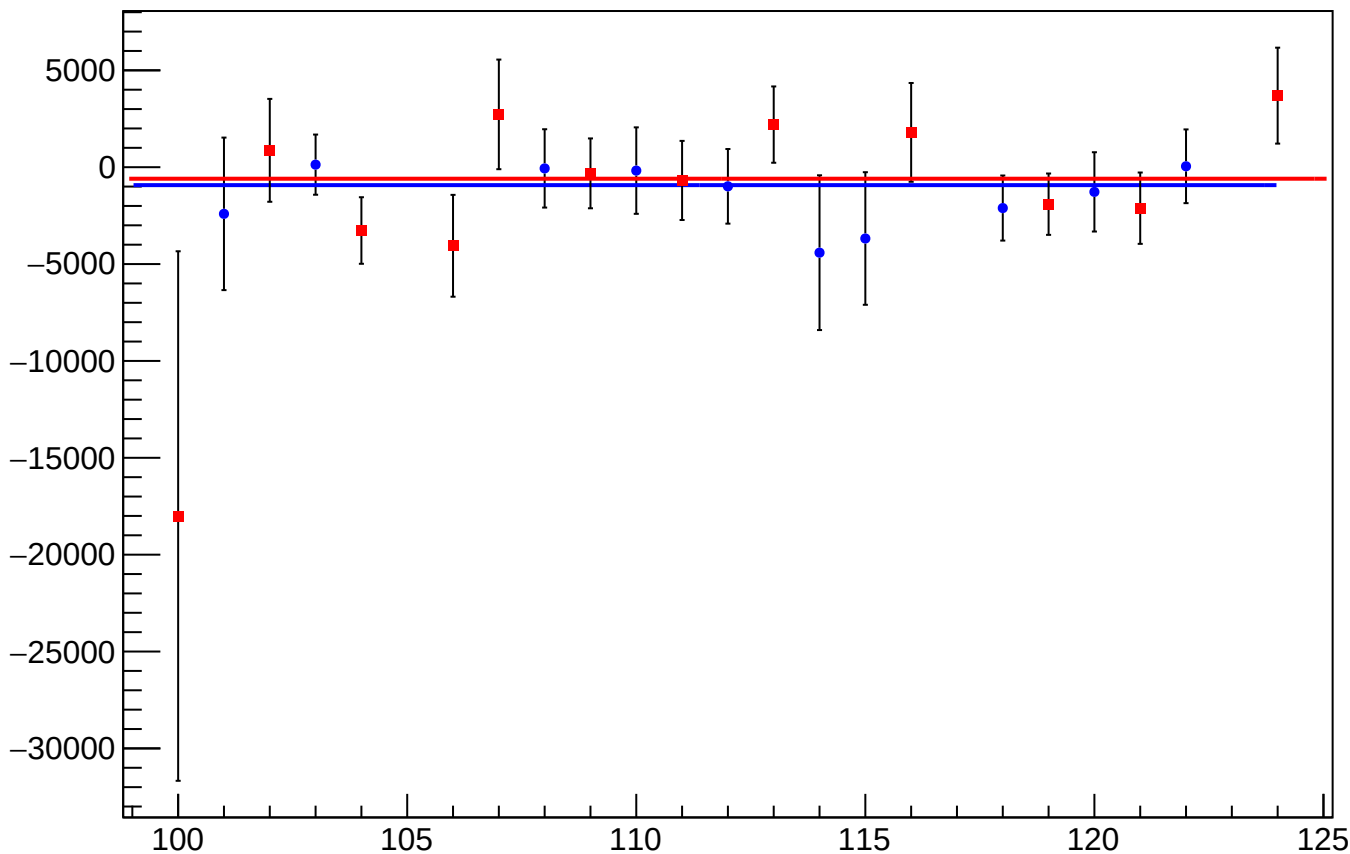
Right: 463.130+/-0.126 χ^2/NDF : 3927379.4/21

In: 489.597+/-0.191 χ^2/NDF : 1566355.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.130+/-0.126 χ^2/NDF : 3927379.4/21

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -925.600+/-672.419 χ^2/NDF : 3.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -594.413+/-623.549 χ^2/NDF : 14.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

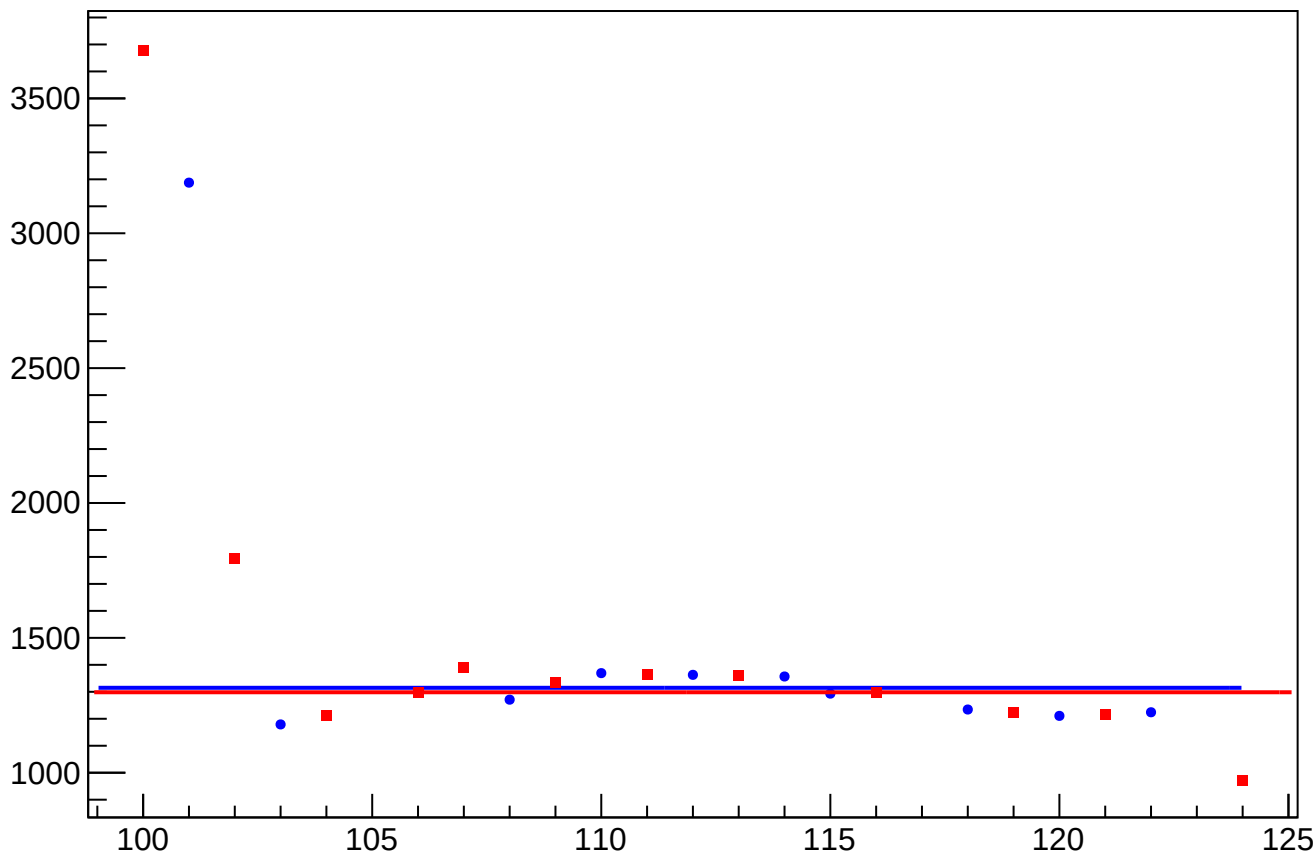
Right: -747.535+/-457.218 χ^2/NDF : 18.0/21

In: -925.600+/-672.419 χ^2/NDF :3.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -747.535+/-457.218 χ^2/NDF : 18.0/21

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1314.856+/-0.475 χ^2/NDF : 486041.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.300+/-0.441 χ^2/NDF : 185695.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

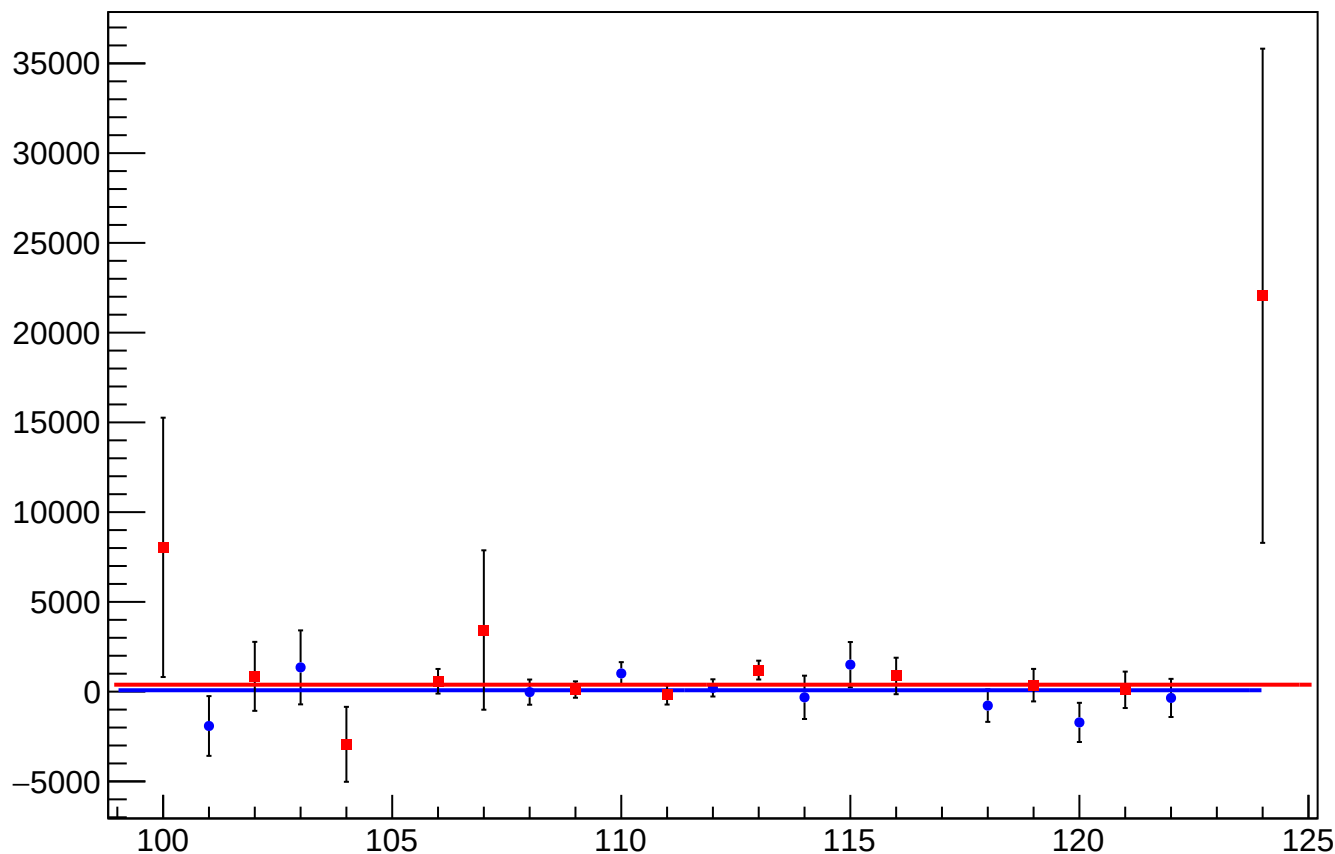
Right: 1305.954+/-0.323 χ^2/NDF : 672389.6/21

In: 1314.856+/-0.475 χ^2/NDF : 486041.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.954+/-0.323 χ^2/NDF : 672389.6/21

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 77.627+/-269.570 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.455+/-237.020 χ^2/NDF : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

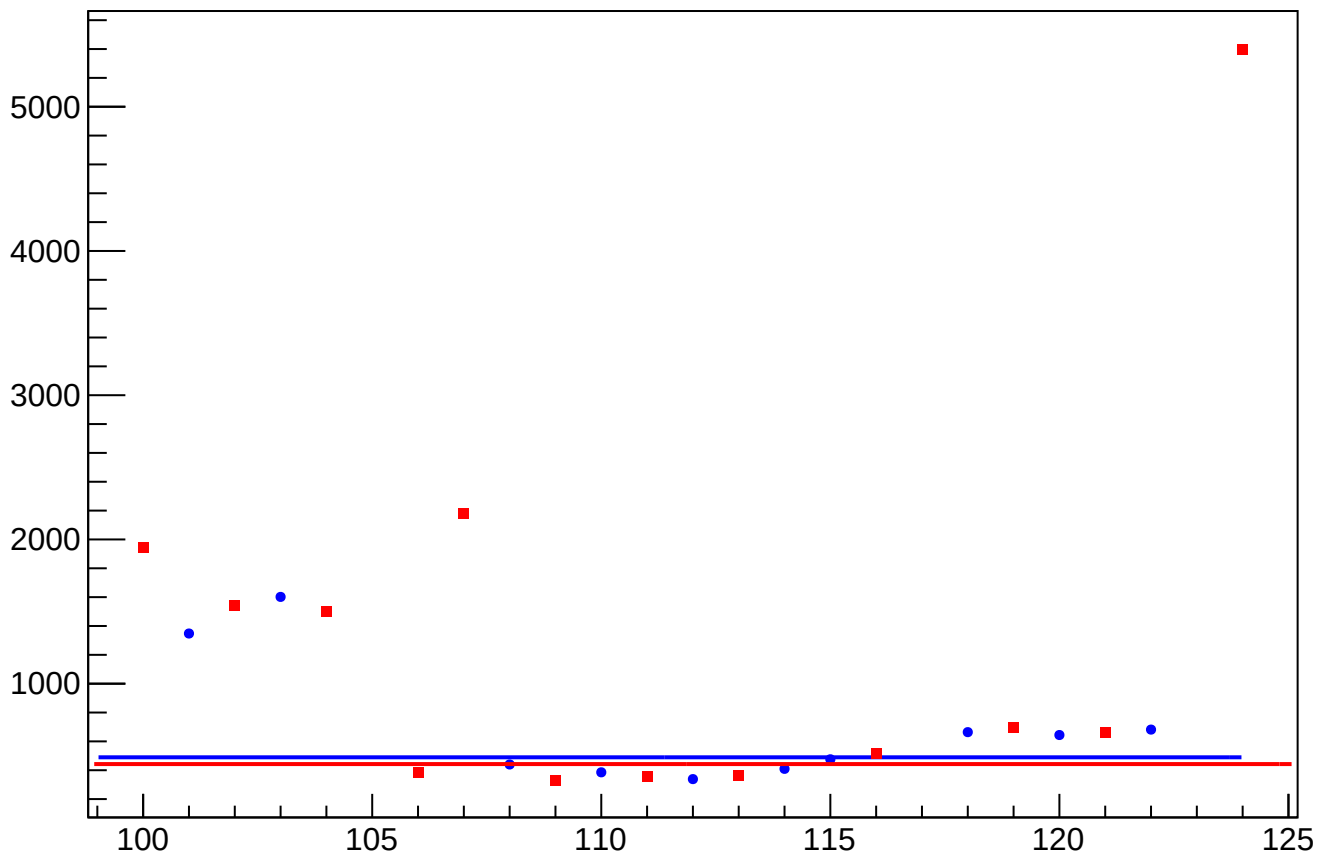
Right: 252.366+/-178.000 χ^2/NDF : 20.9/21

In: 77.627+/-269.570 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.366+/-178.000 χ^2/NDF : 20.9/21

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 489.595+/-0.191 χ^2/NDF : 1566360.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 442.668+/-0.168 χ^2/NDF : 2326848.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

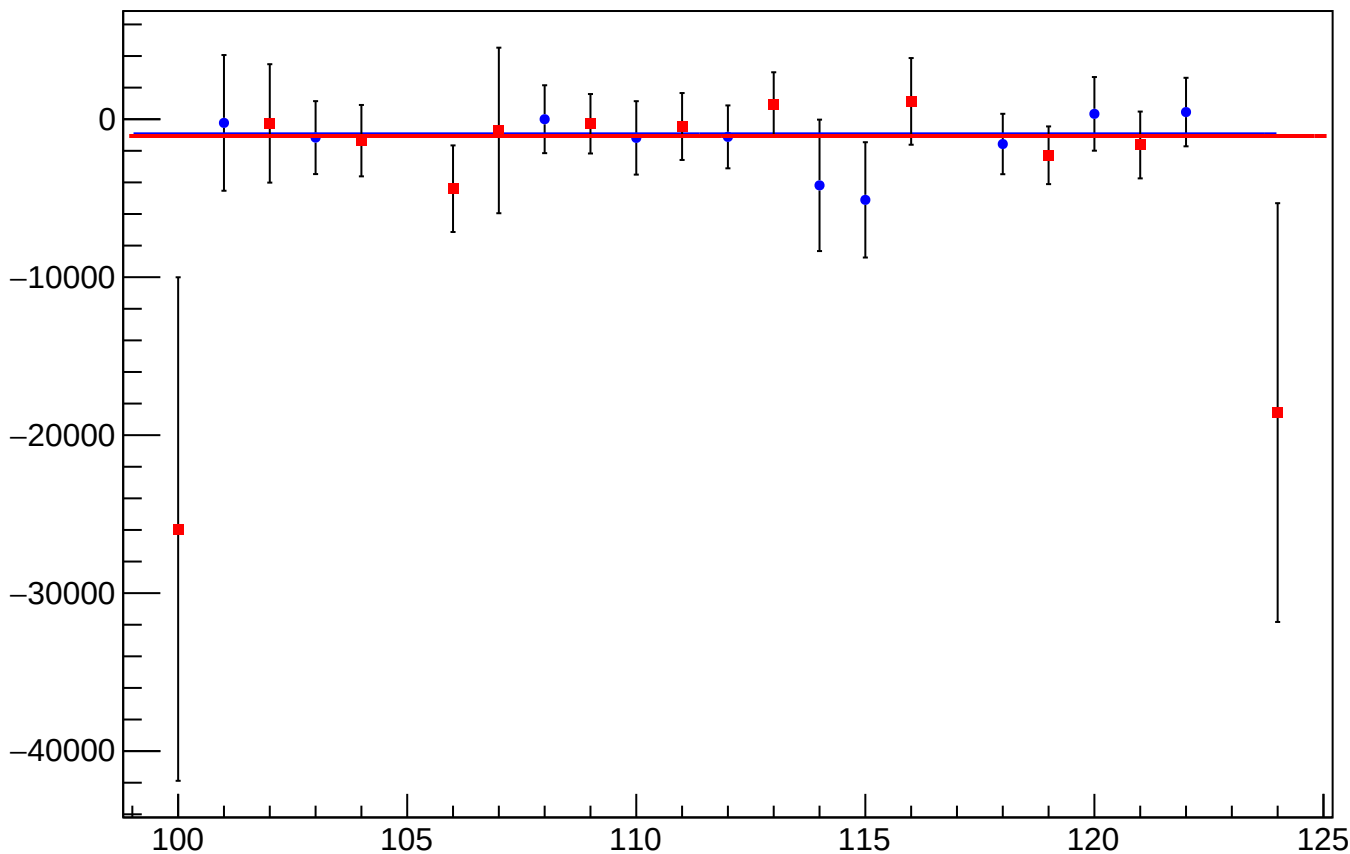
Right: 463.128+/-0.126 χ^2/NDF : 3927391.9/21

In: 489.595+/-0.191 χ^2/NDF : 1566360.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.128+/-0.126 χ^2/NDF : 3927391.9/21

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -958.309+/-767.241 χ^2 /NDF: 3.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1062.554+/-735.686 χ^2 /NDF: 8.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

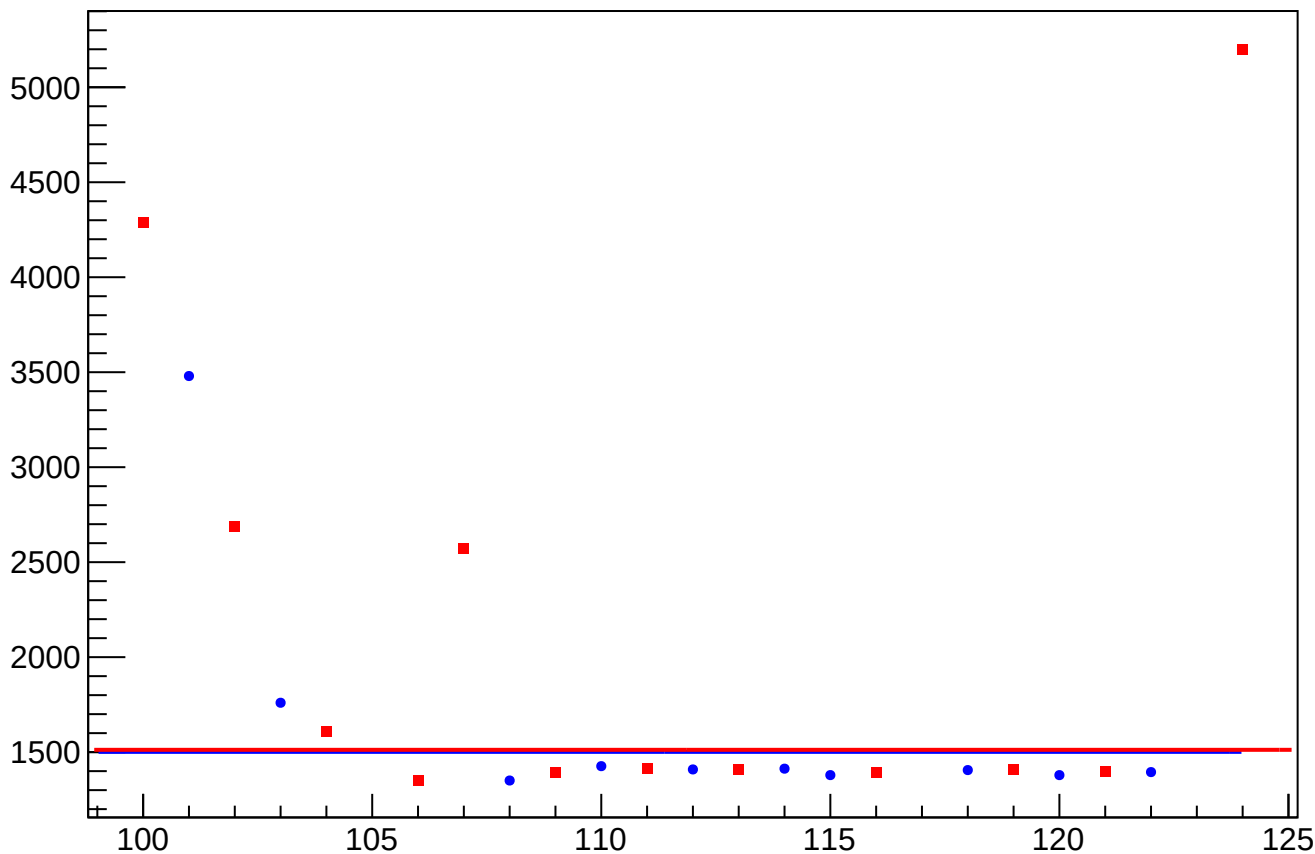
Right: -1012.619+/-531.014 χ^2 /NDF: 11.1/21

In: -958.309+/-767.241 χ^2 /NDF:3.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1012.619+/-531.014 χ^2 /NDF: 11.1/21

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1501.528+/-0.543 χ^2/NDF : 484111.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1512.178+/-0.520 χ^2/NDF : 537297.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

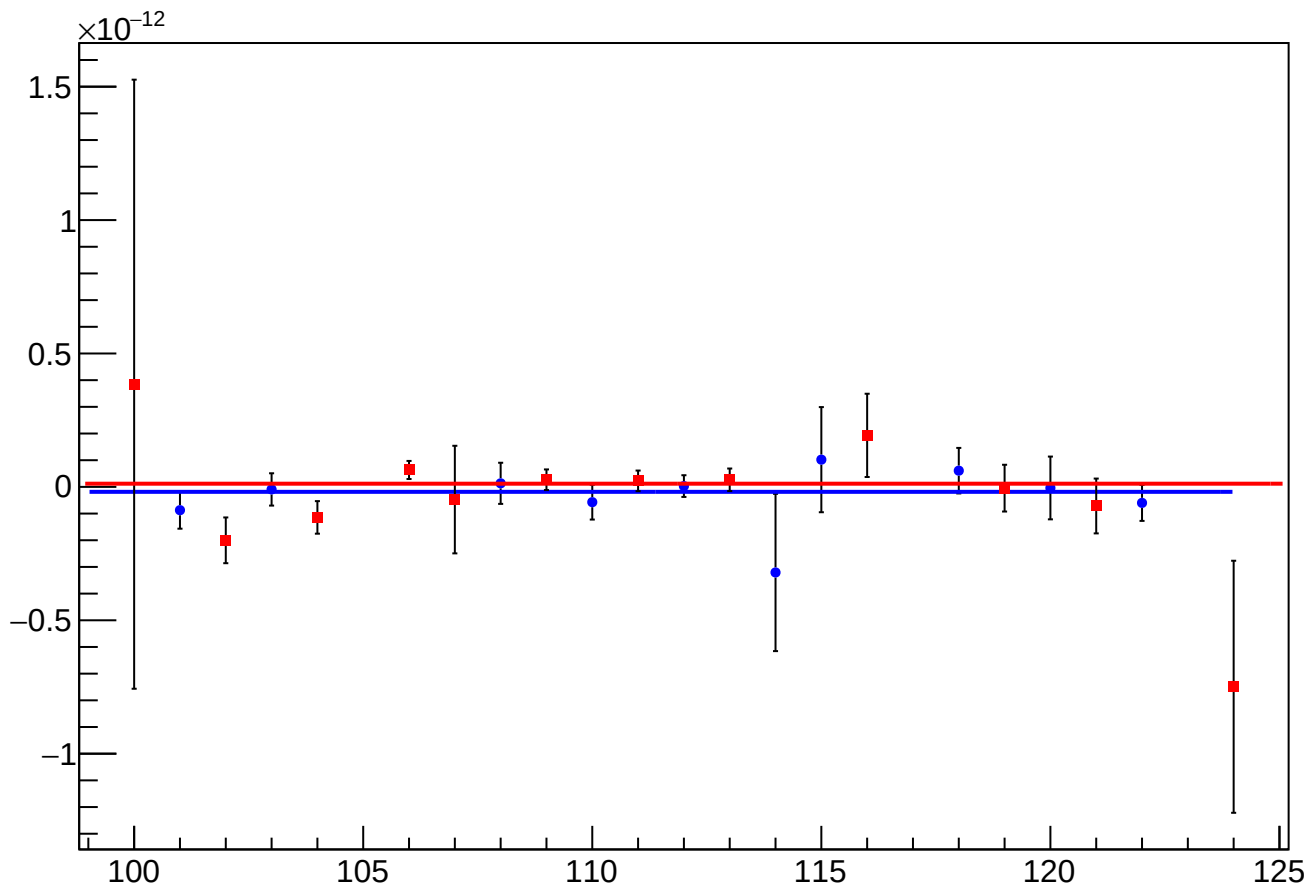
Right: 1507.077+/-0.375 χ^2/NDF : 1021608.8/21

In: 1501.528+/-0.543 χ^2/NDF : 484111.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.077+/-0.375 χ^2/NDF : 1021608.8/21

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

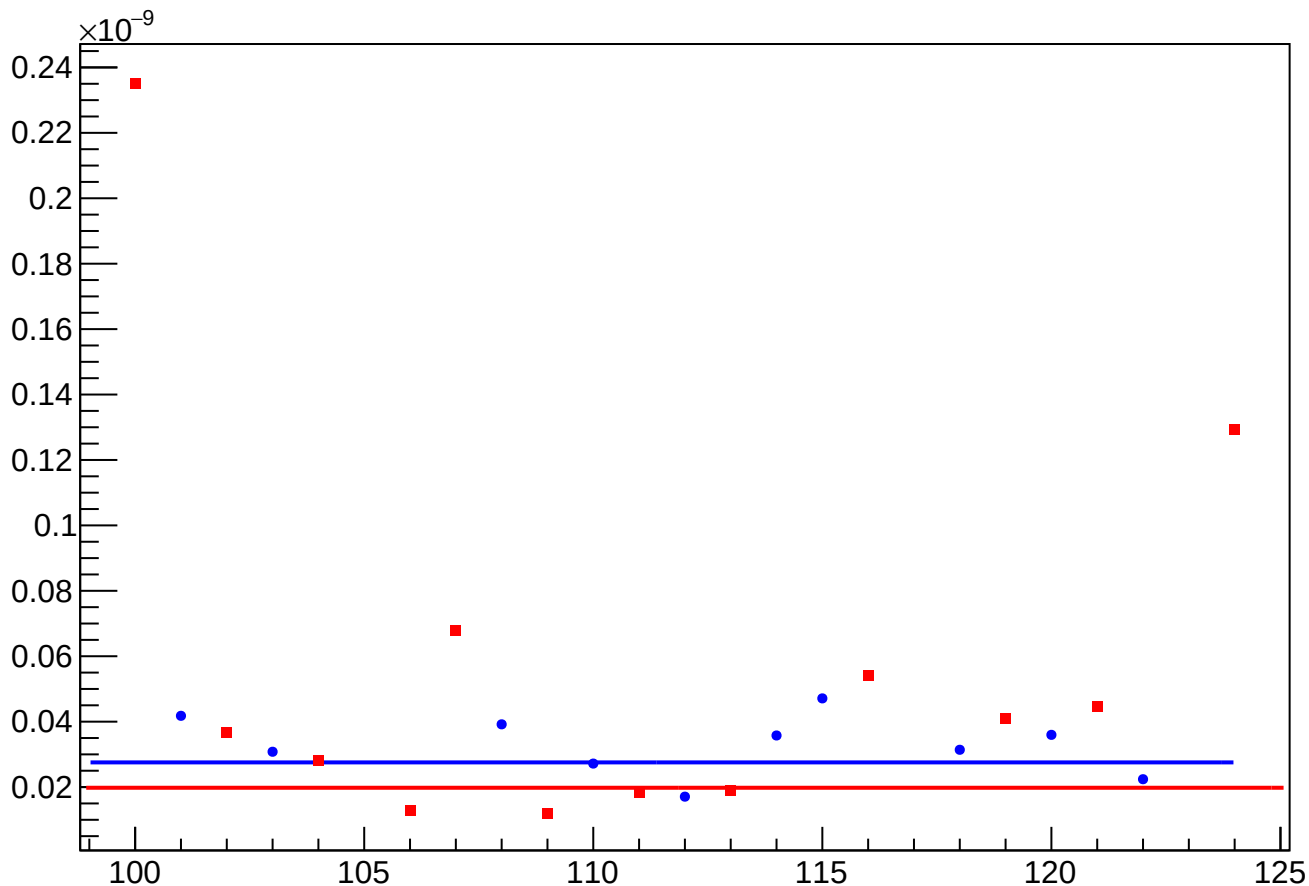
Right: 0.000+/-0.000 χ^2/NDF : 23.5/21

In: -0.000+/-0.000 χ^2/NDF :4.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.5/21

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 315152.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 911549.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

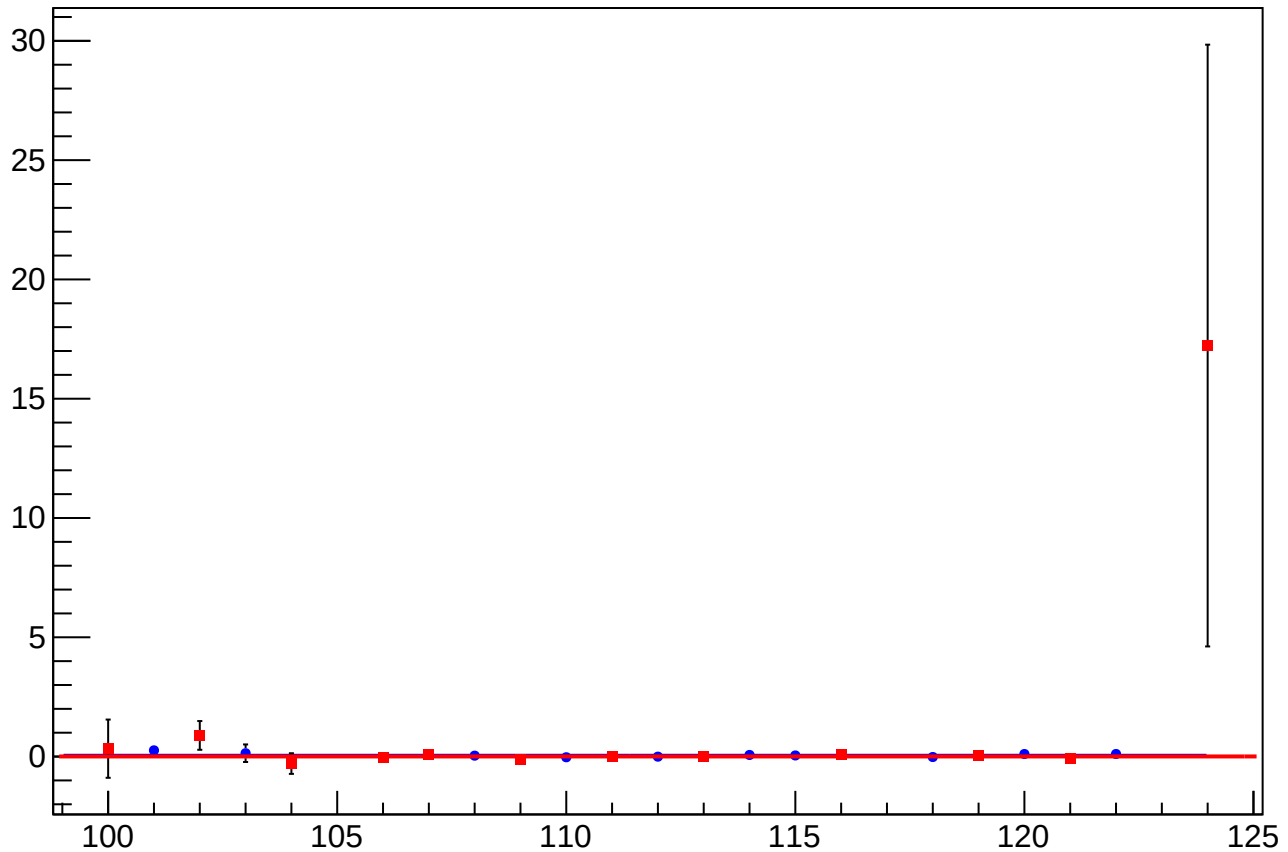
Right: 0.000+/-0.000 χ^2/NDF : 1376921.8/21

In: 0.000+/-0.000 χ^2/NDF : 315152.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1376921.8/21

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

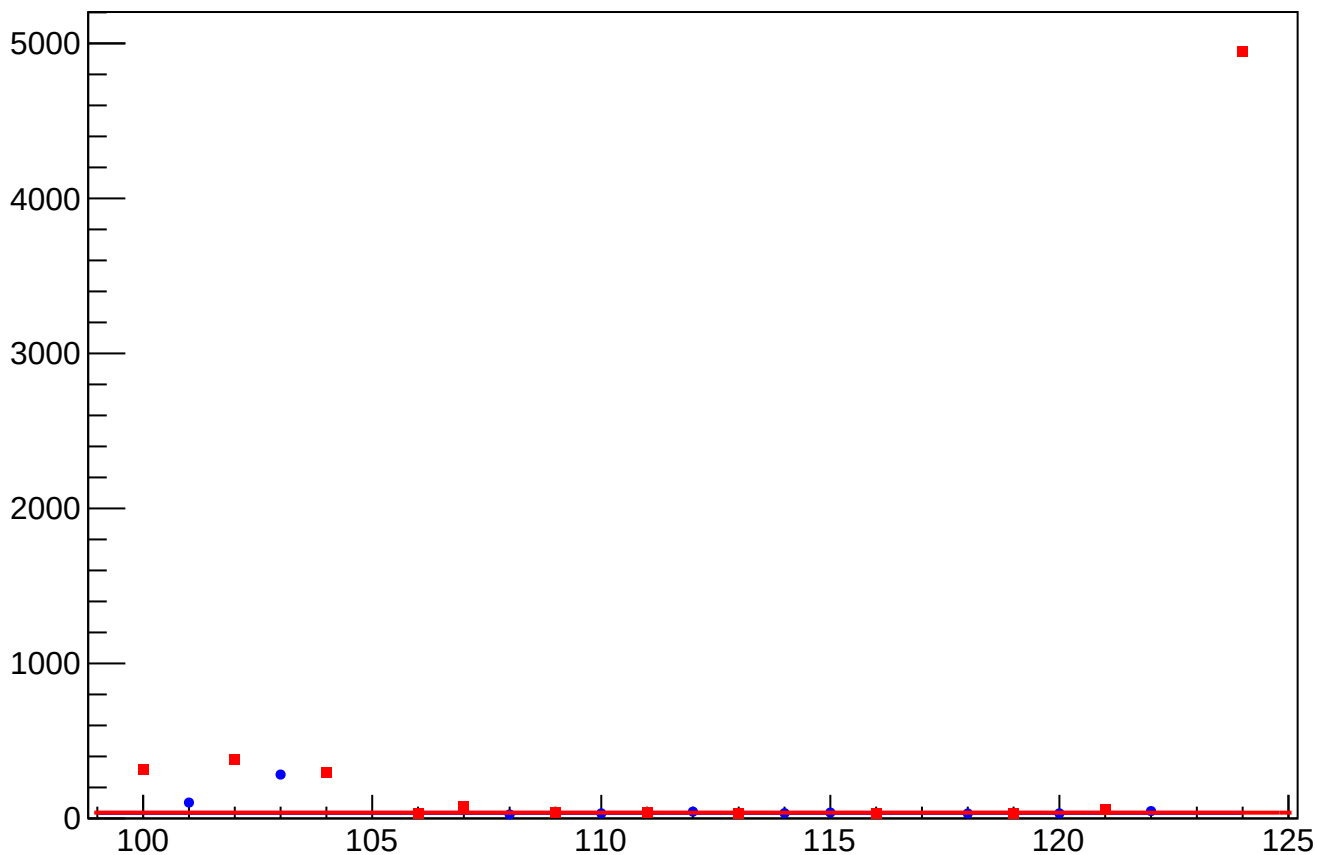
Right: 0.020+/-0.015 χ^2/NDF : 21.9/21

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.015 χ^2/NDF : 21.9/21

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.428+/-0.015 χ^2/NDF : 2059935.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

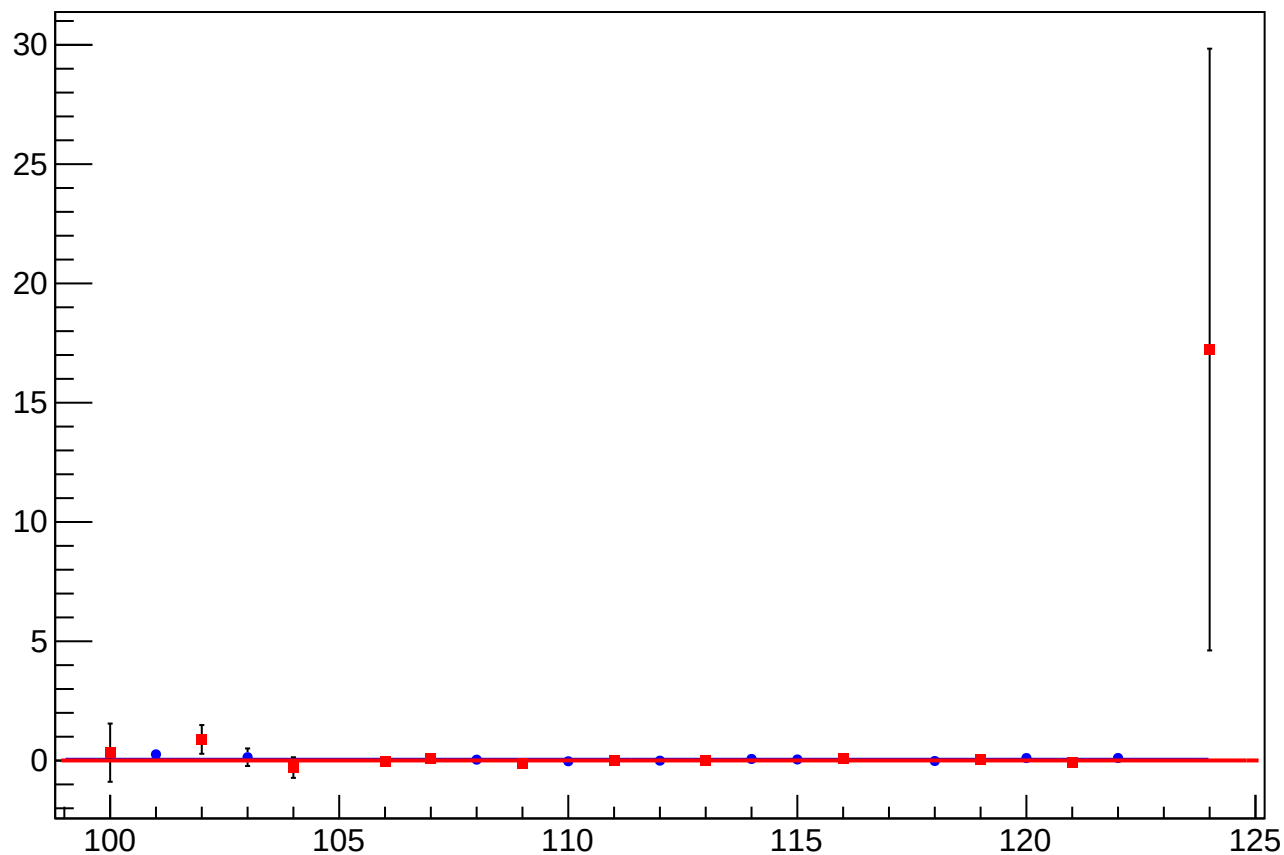
Right: 36.678+/-0.011 χ^2/NDF : 3653315.6/21

In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.678+/-0.011 χ^2/NDF : 3653315.6/21

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 : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

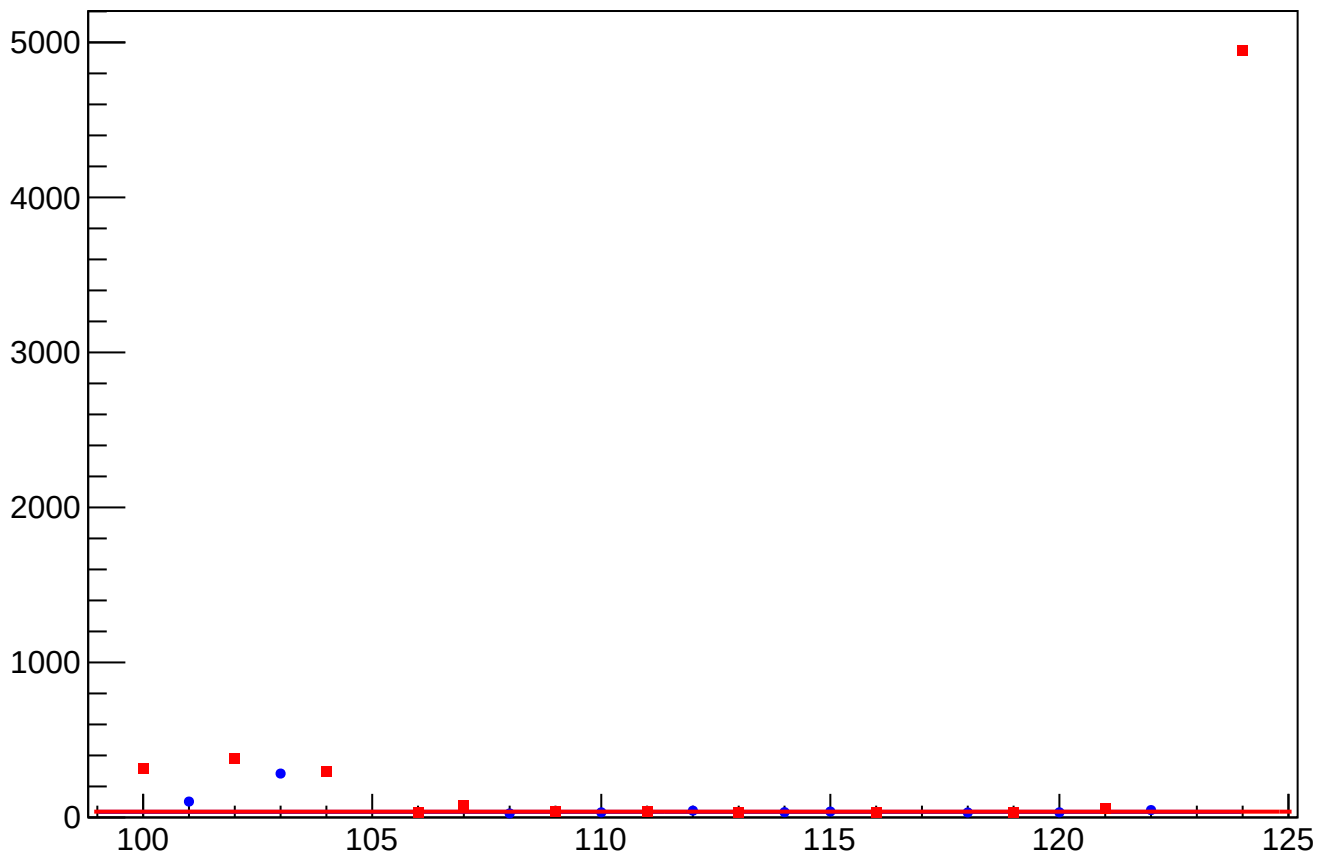
Right: 0.020+/-0.015 χ^2/NDF : 21.9/21

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.015 χ^2/NDF : 21.9/21

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.428+/-0.015 χ^2/NDF : 2059935.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

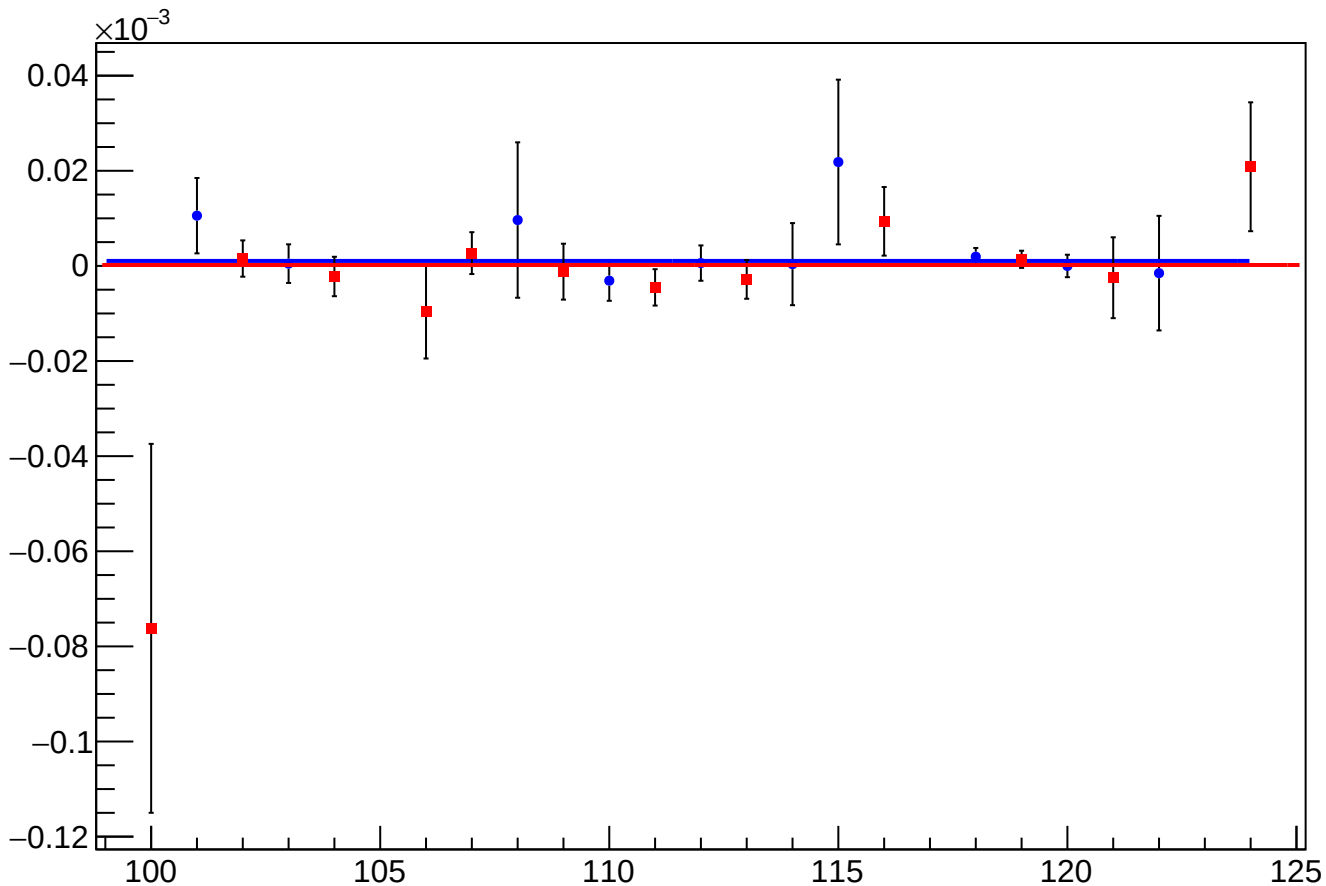
Right: 36.678+/-0.011 χ^2/NDF : 3653315.6/21

In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.678+/-0.011 χ^2/NDF : 3653315.6/21

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 : 4.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

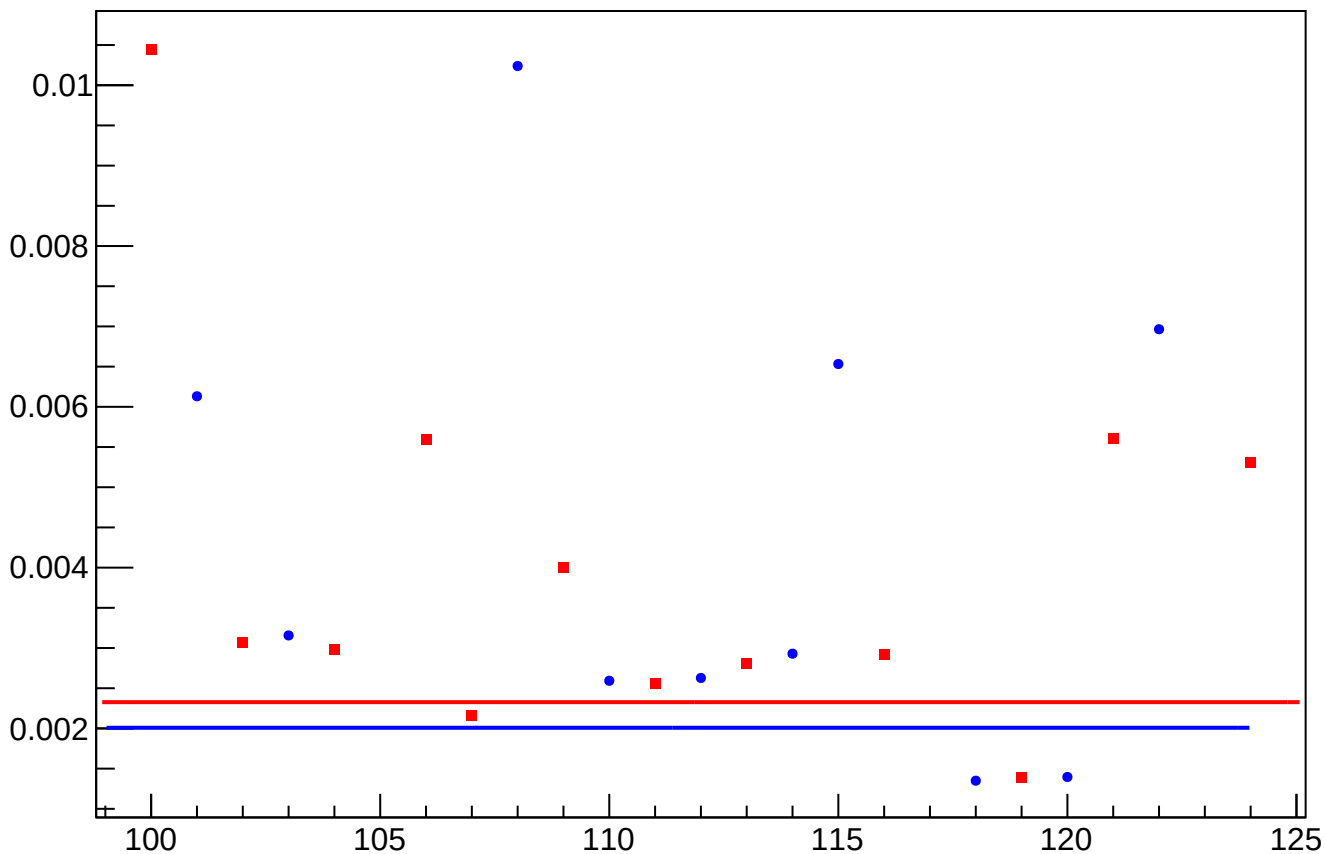
Right: 0.000+/-0.000 χ^2/NDF : 17.2/21

In: 0.000+/-0.000 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.2/21

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 : 2192556.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1578255.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

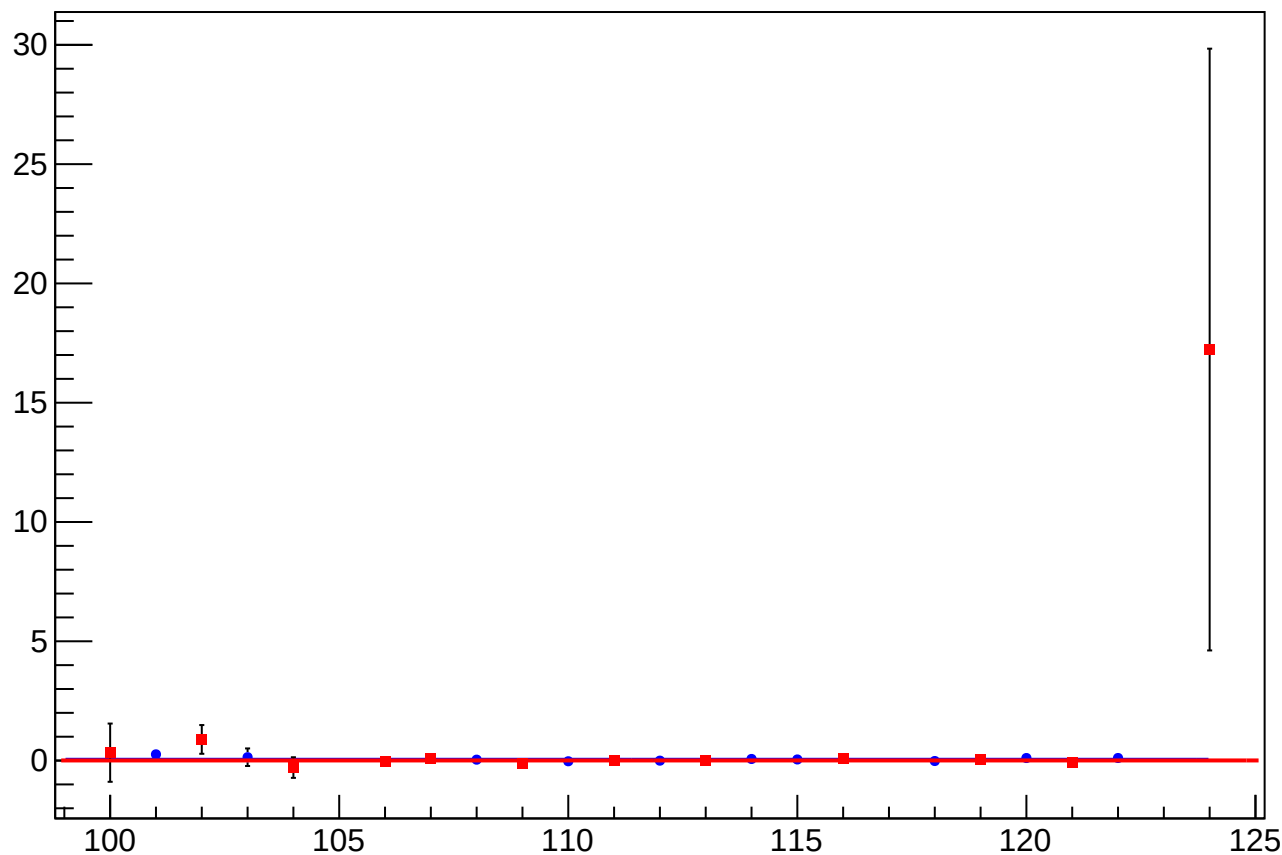
Right: 0.002+/-0.000 χ^2/NDF : 3841777.7/21

In: 0.002+/-0.000 χ^2/NDF :2192556.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3841777.7/21

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 : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

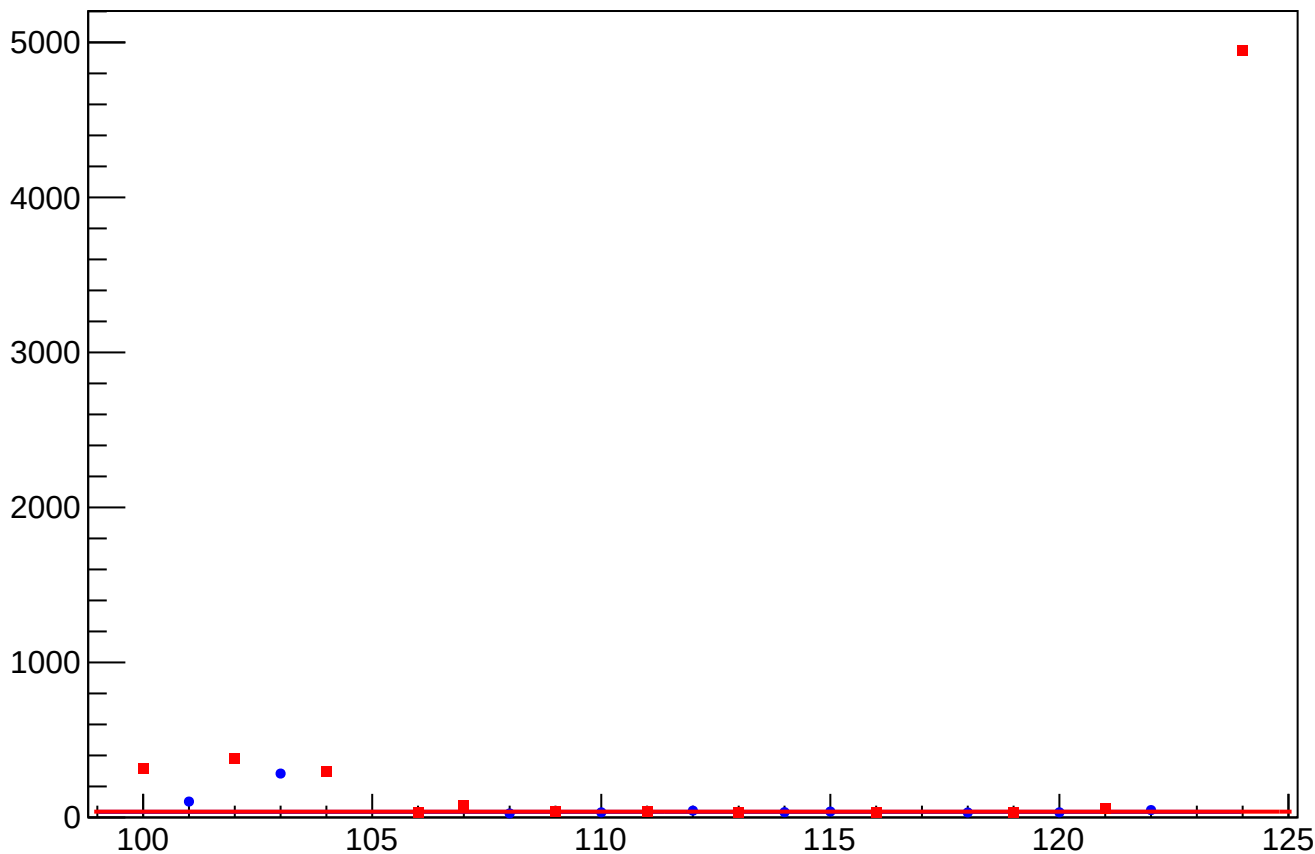
Right: 0.020+/-0.015 χ^2/NDF : 21.9/21

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.015 χ^2/NDF : 21.9/21

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.428+/-0.015 χ^2/NDF : 2059933.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

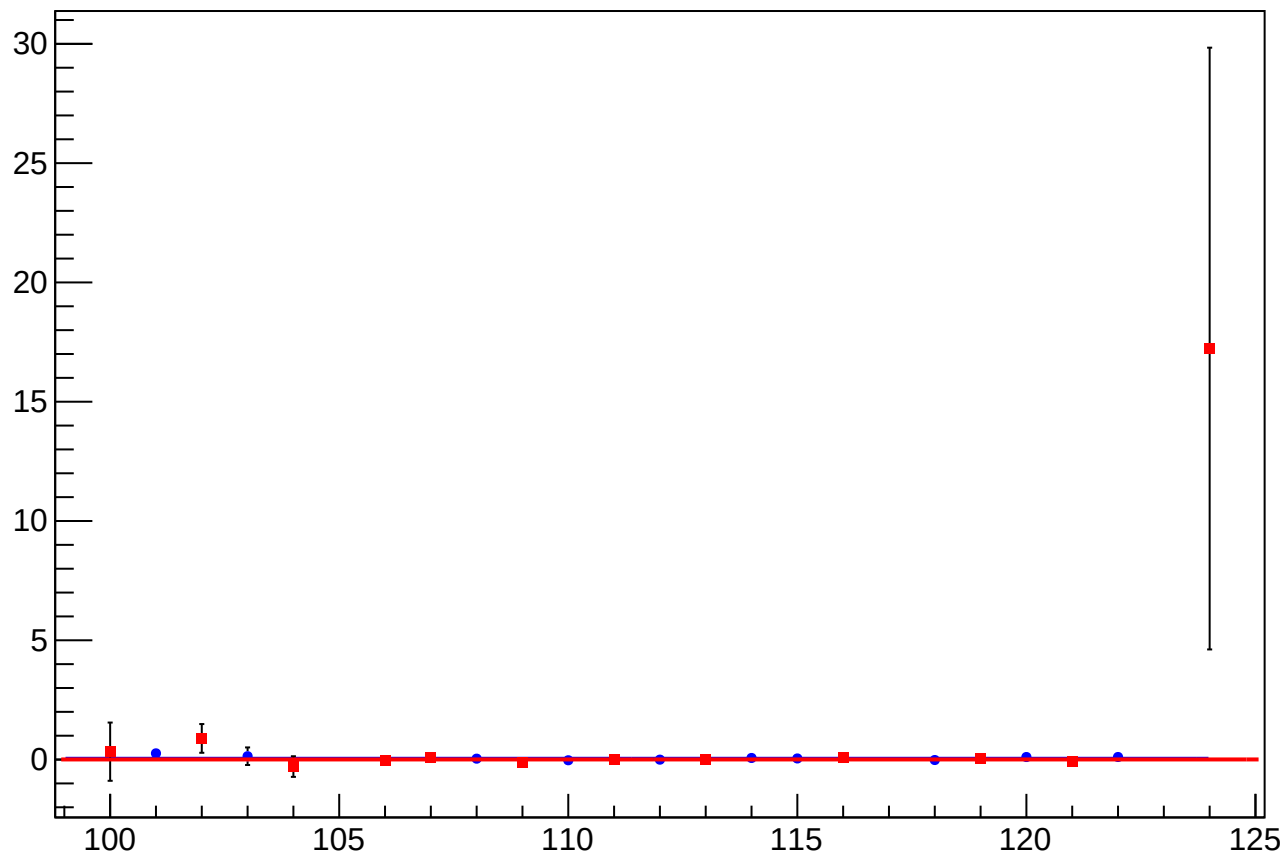
Right: 36.679+/-0.011 χ^2/NDF : 3653233.8/21

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.679+/-0.011 χ^2/NDF : 3653233.8/21

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 : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

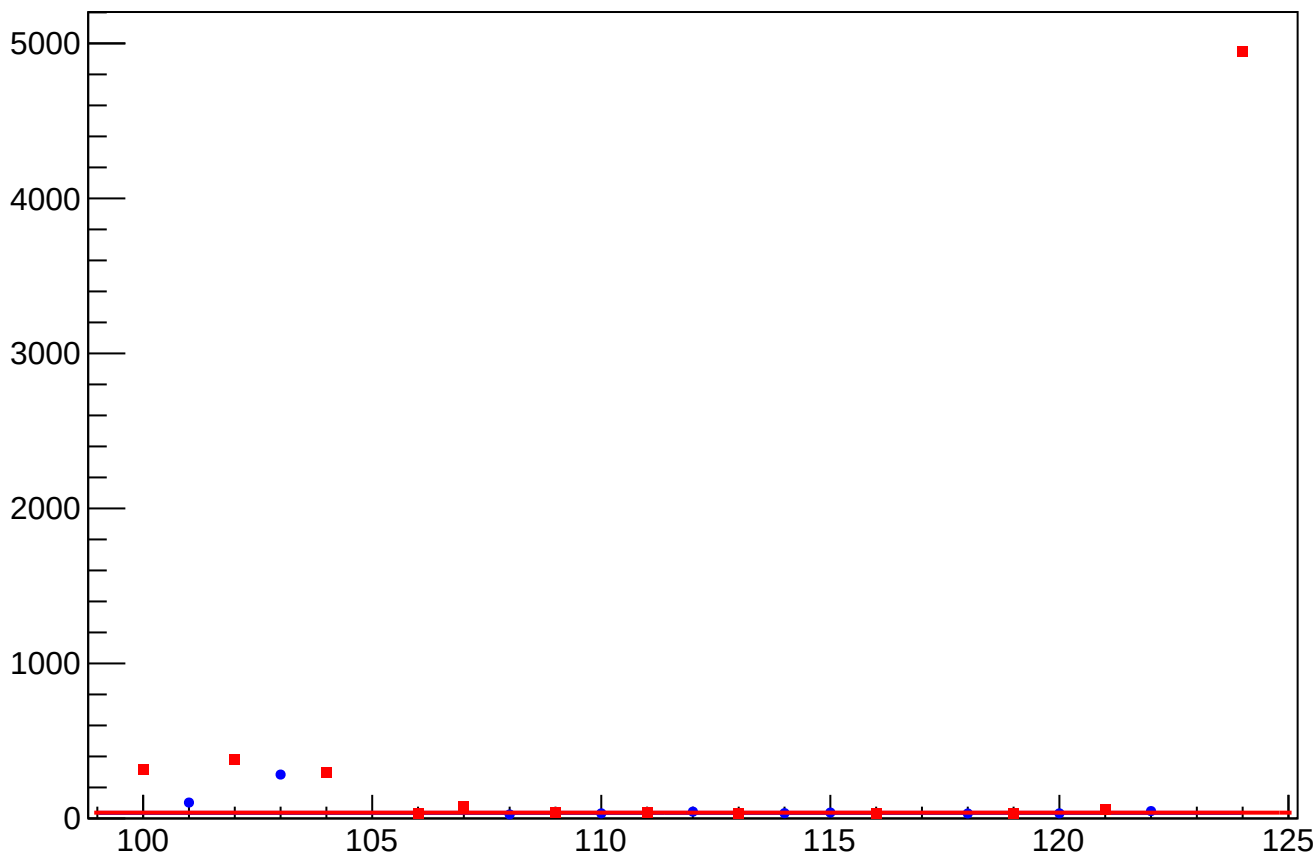
Right: 0.020+/-0.015 χ^2/NDF : 21.9/21

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.015 χ^2/NDF : 21.9/21

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.428+/-0.015 χ^2/NDF : 2059933.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

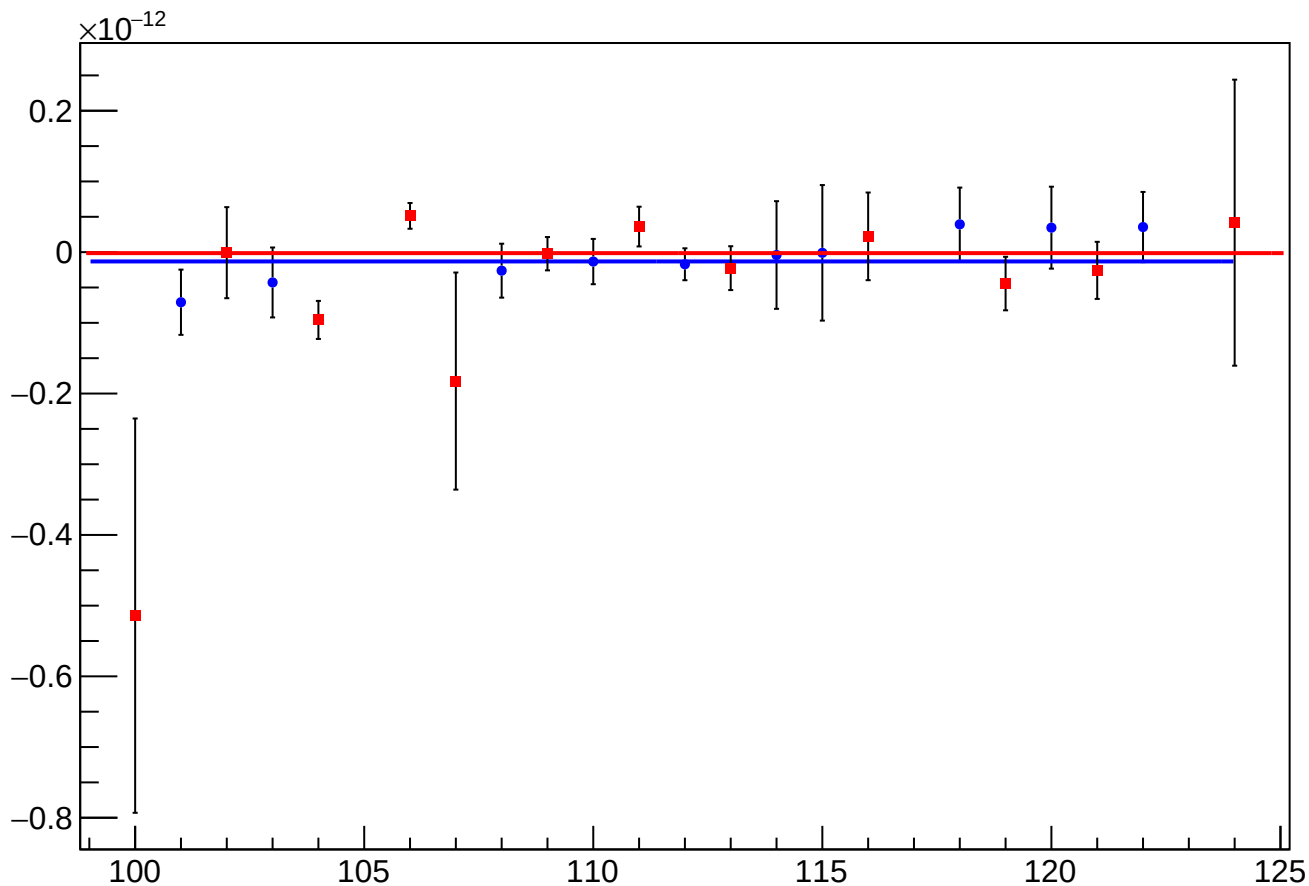
Right: 36.679+/-0.011 χ^2/NDF : 3653233.8/21

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.679+/-0.011 χ^2/NDF : 3653233.8/21

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 : 4.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 29.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

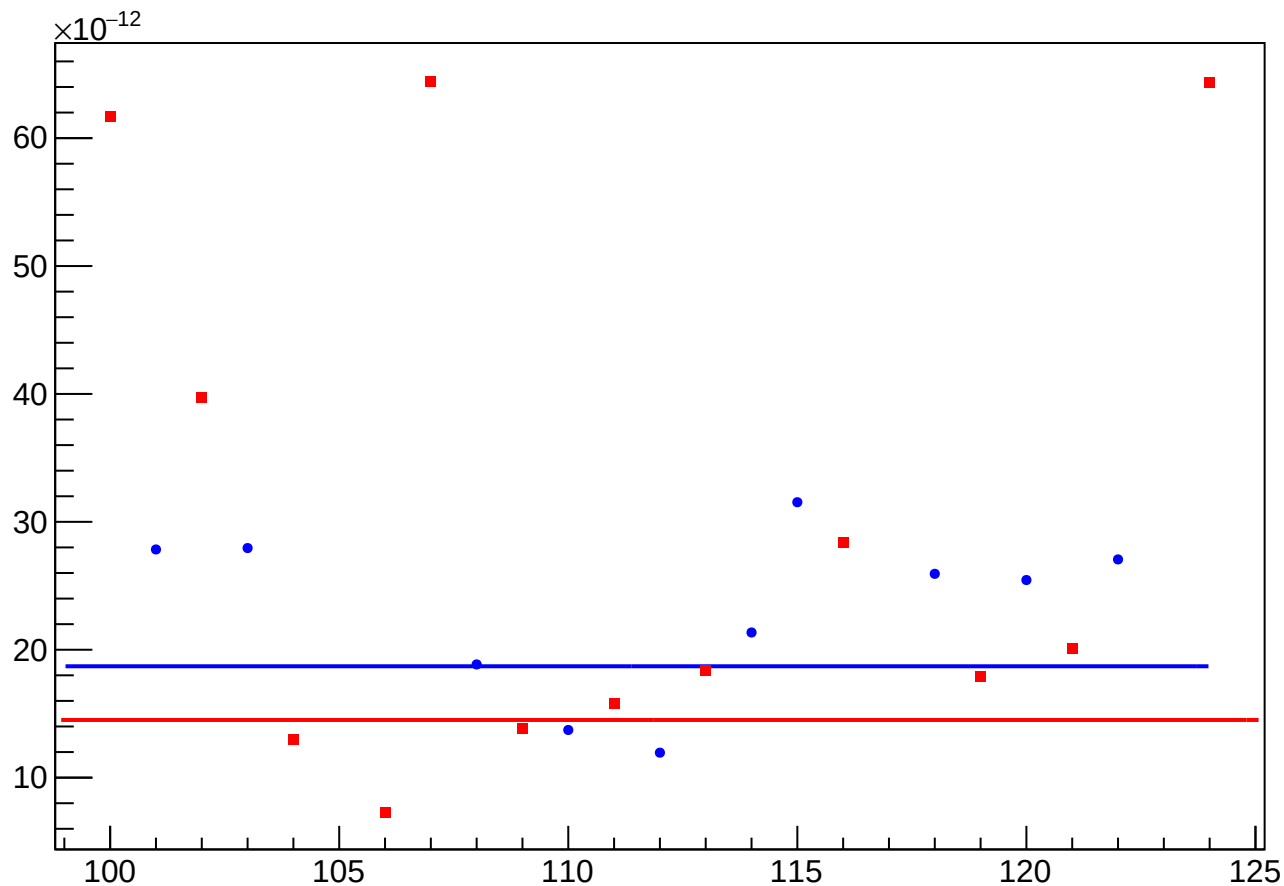
Right: -0.000 ± 0.000 χ^2/NDF : 34.8/21

In: -0.000 ± 0.000 χ^2/NDF : 4.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 34.8/21

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 : 536307.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1211587.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

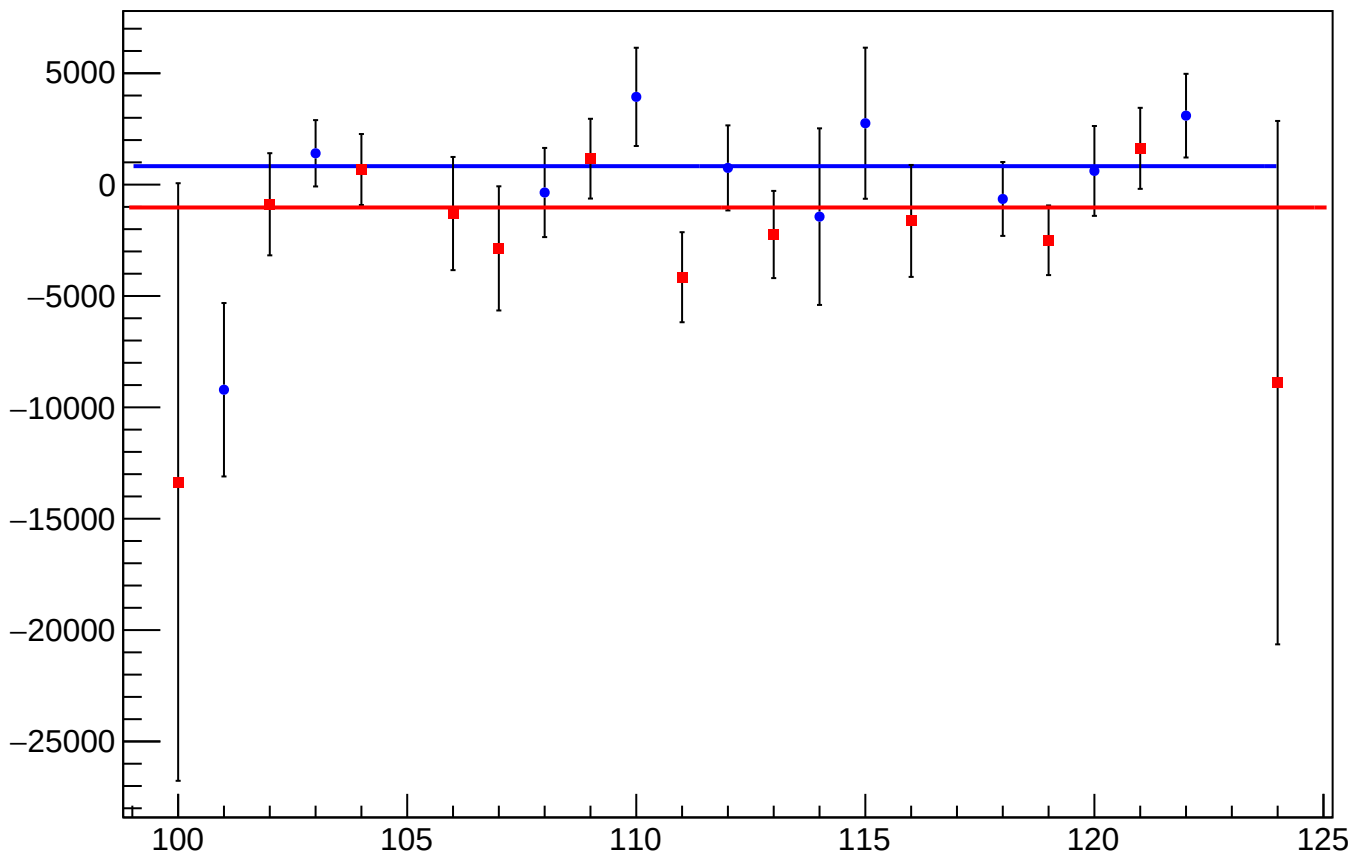
Right: 0.000+/-0.000 χ^2/NDF : 1879880.4/21

In: 0.000+/-0.000 χ^2/NDF : 536307.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1879880.4/21

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 828.625+/-660.899 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1026.083+/-624.039 χ^2/NDF : 10.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

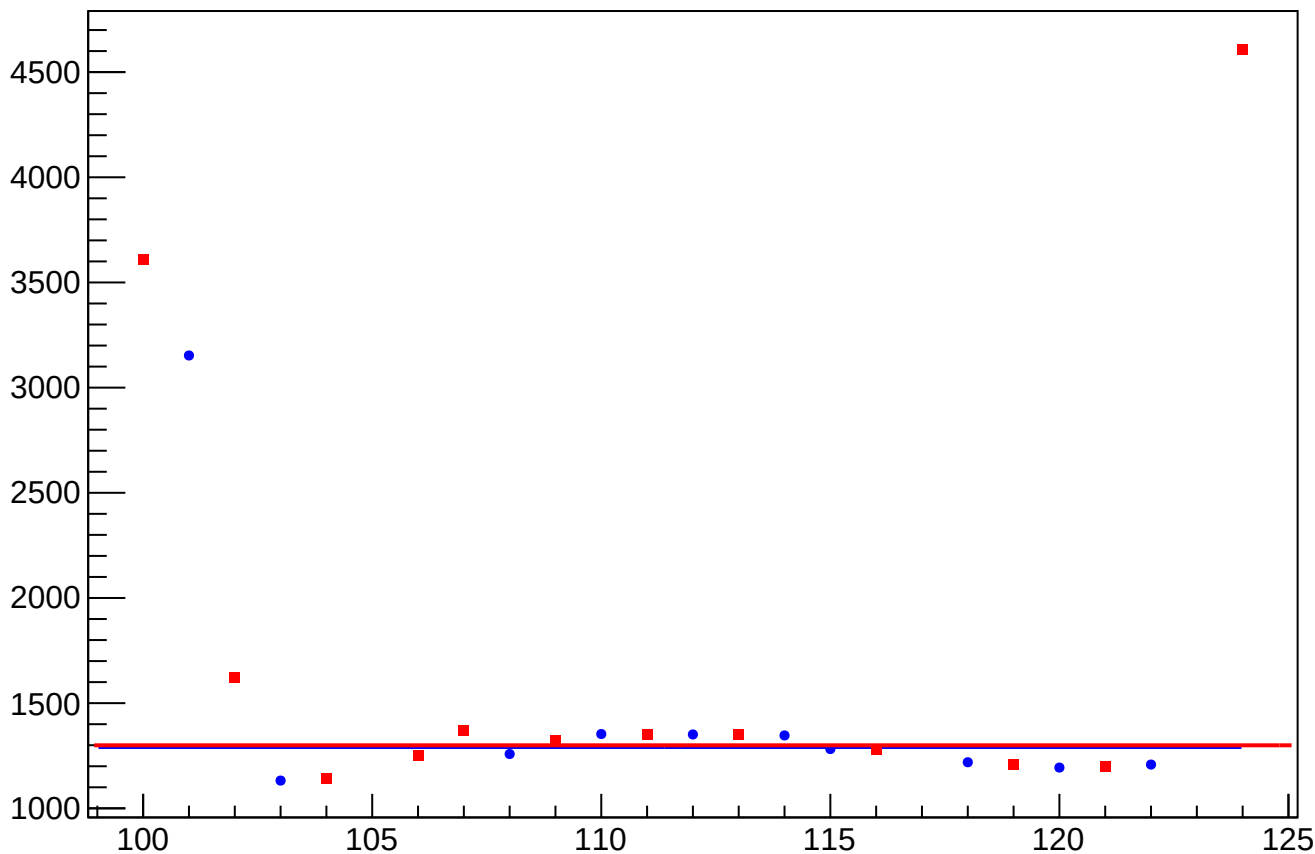
Right: -151.891+/-453.734 χ^2/NDF : 26.5/21

In: 828.625+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.891+/-453.734 χ^2/NDF : 26.5/21

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1291.630+/-0.467 χ^2/NDF : 497096.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1299.593+/-0.441 χ^2/NDF : 296042.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

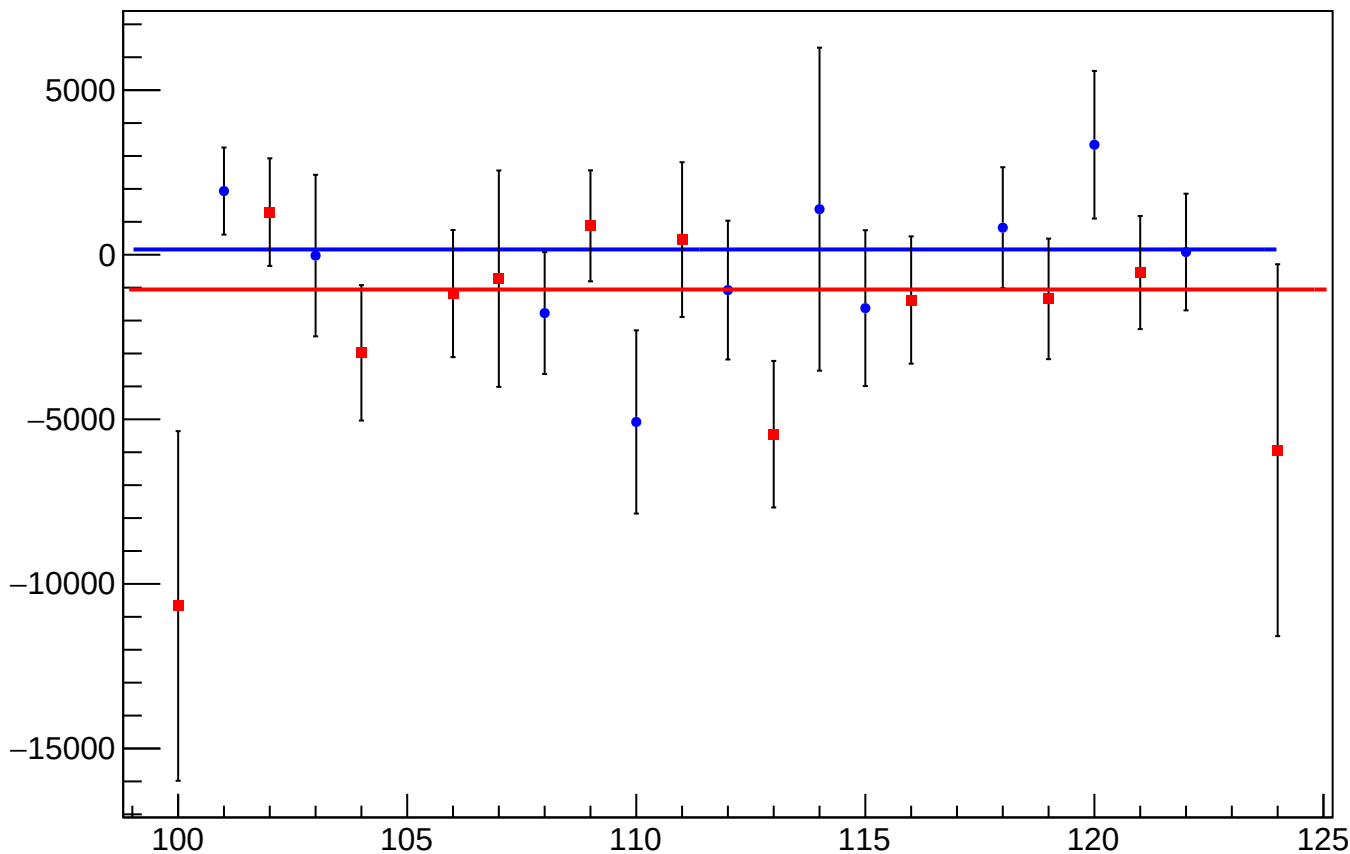
Right: 1295.840+/-0.321 χ^2/NDF : 793291.9/21

In: 1291.630+/-0.467 χ^2/NDF : 497096.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.840+/-0.321 χ^2/NDF : 793291.9/21

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 160.636+/-643.280 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1056.231+/-611.159 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

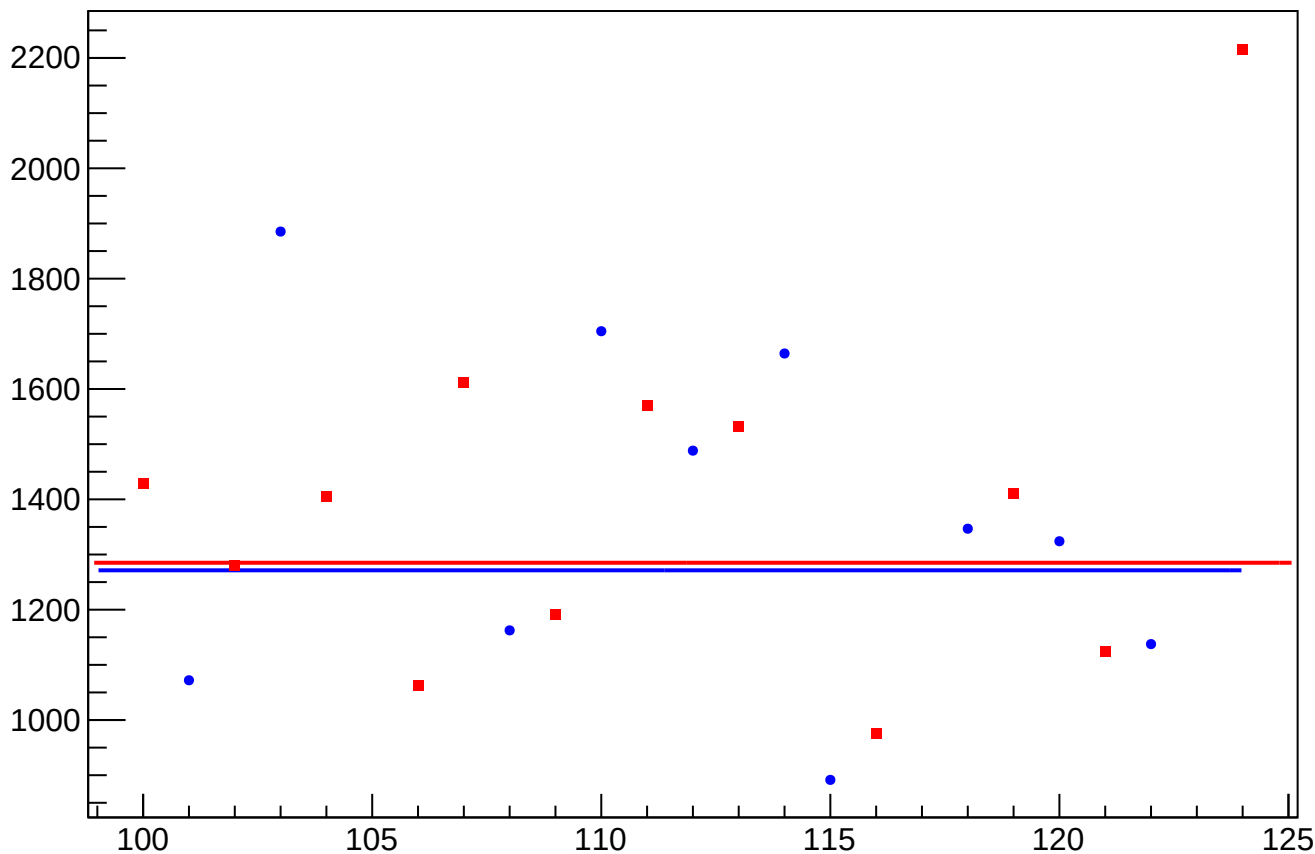
Right: -478.935+/-443.075 χ^2/NDF : 24.2/21

In: 160.636+/-643.280 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.935+/-443.075 χ^2/NDF : 24.2/21

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1271.356+/-0.455 χ^2/NDF : 327267.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.083+/-0.432 χ^2/NDF : 247253.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

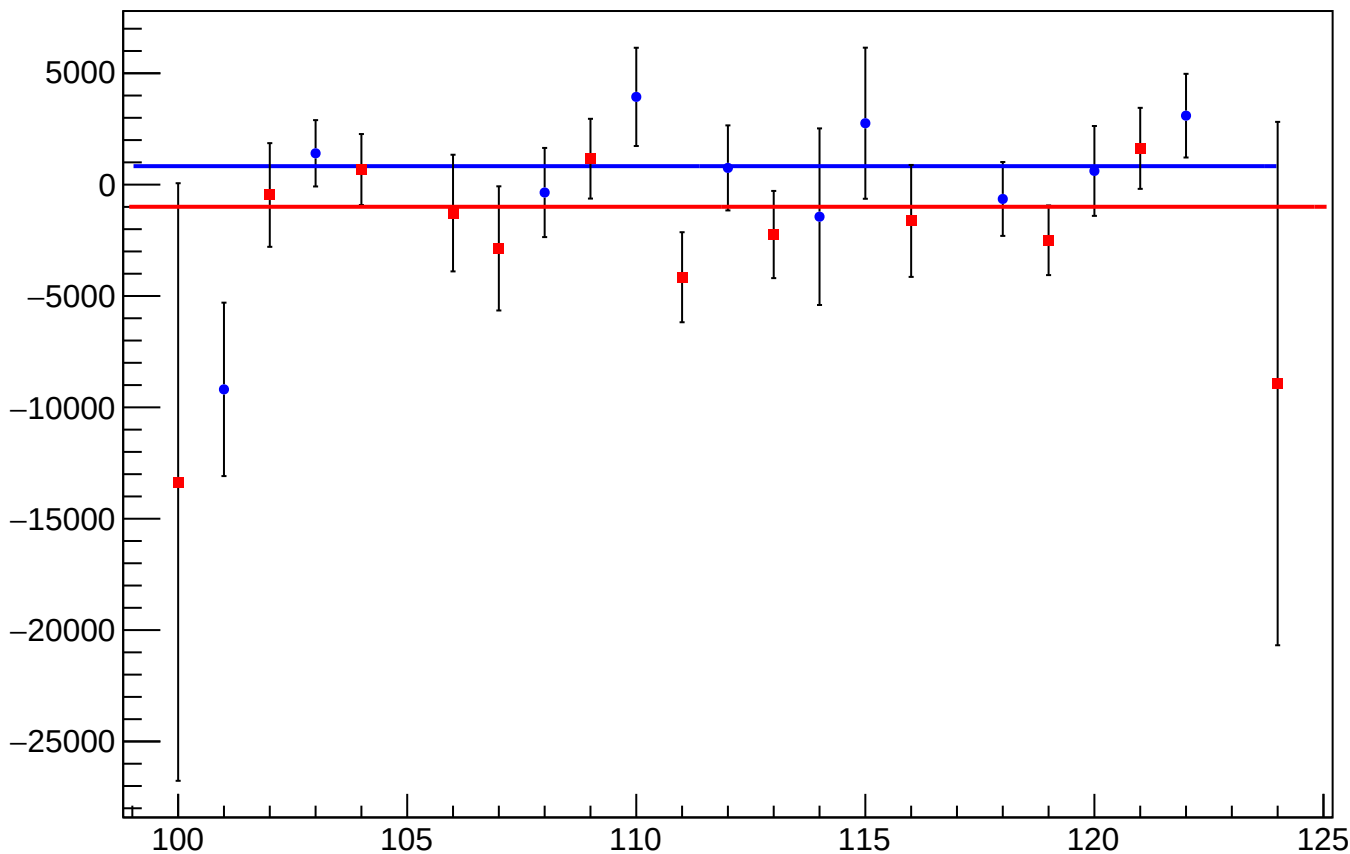
Right: 1278.571+/-0.313 χ^2/NDF : 574999.3/21

In: 1271.356+/-0.455 χ^2/NDF : 327267.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.571+/-0.313 χ^2/NDF : 574999.3/21

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -994.390+/-625.832 χ^2/NDF : 10.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

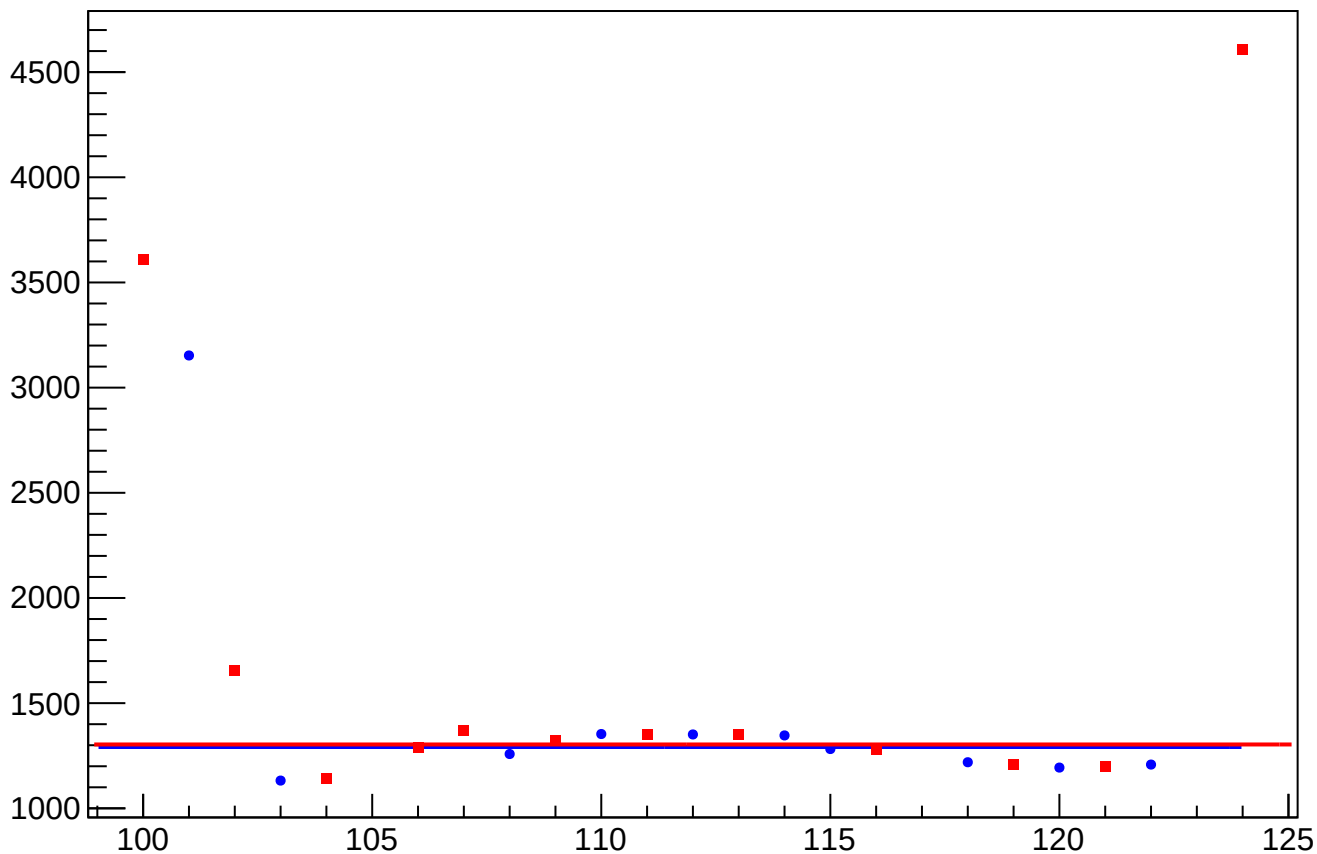
Right: -132.282+/-454.422 χ^2/NDF : 26.3/21

In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.282+/-454.422 χ^2/NDF : 26.3/21

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.562+/-0.443 χ^2/NDF : 301973.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

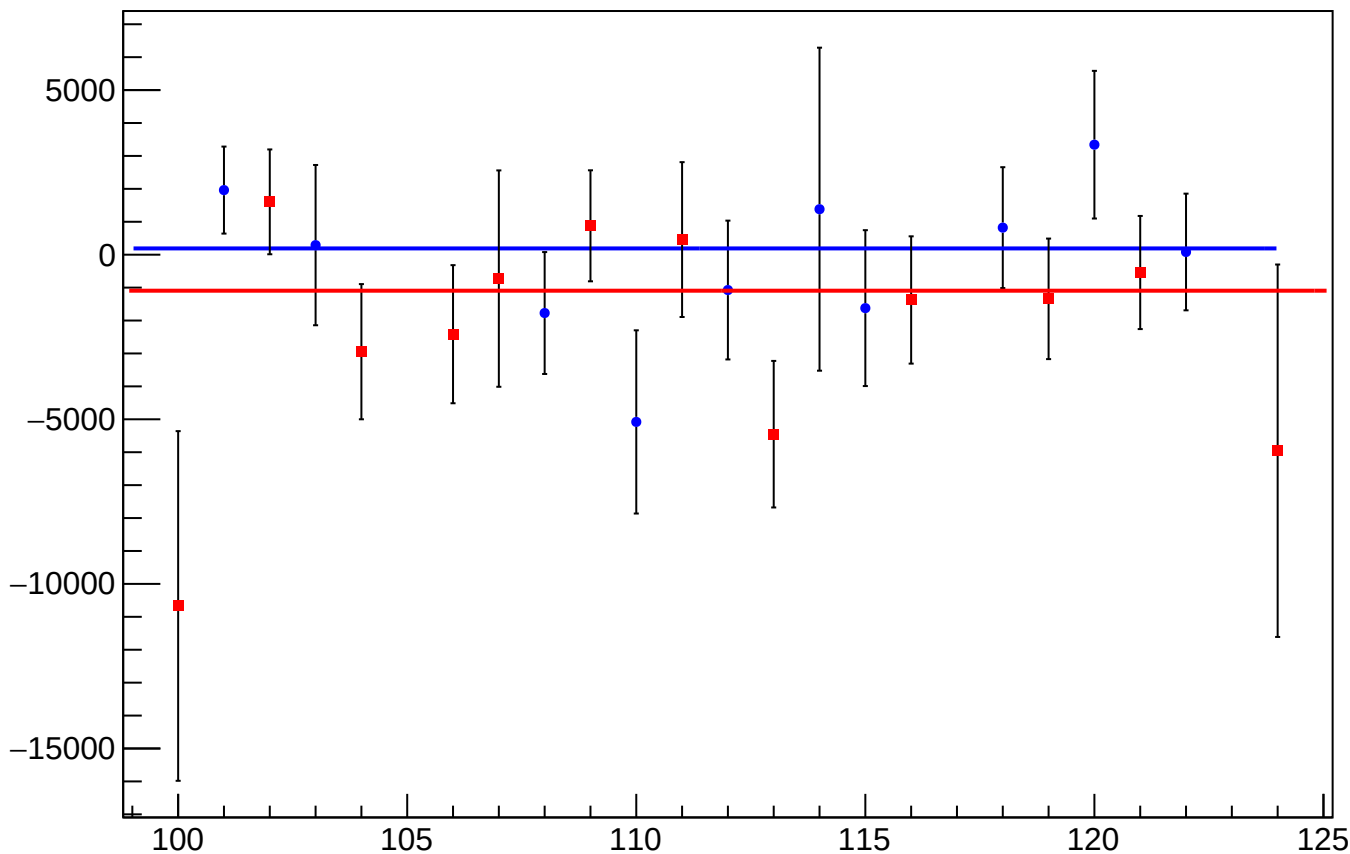
Right: 1297.921+/-0.321 χ^2/NDF : 799415.1/21

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.921+/-0.321 χ^2/NDF : 799415.1/21

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 190.284+/-642.672 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1093.846+/-613.461 χ^2/NDF : 13.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

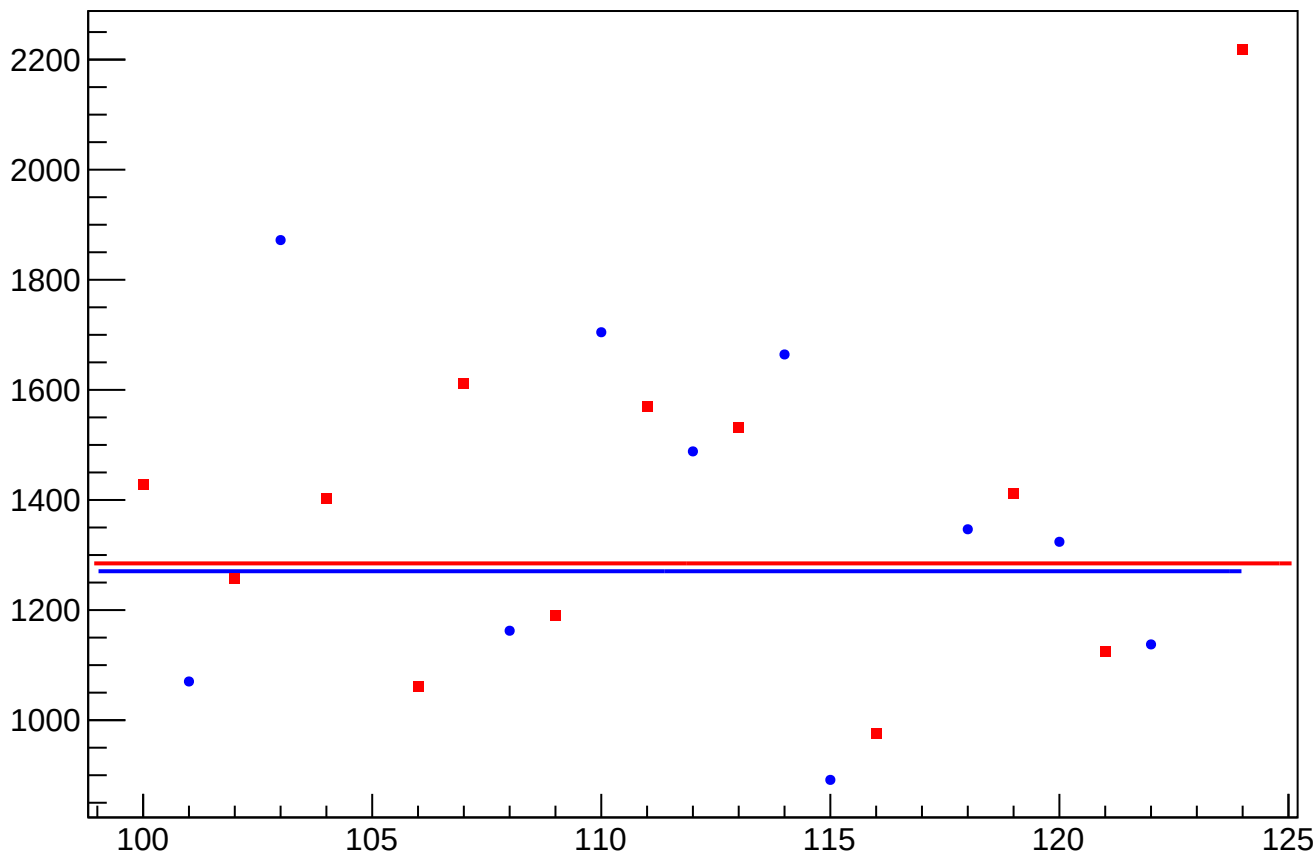
Right: -481.627+/-443.750 χ^2/NDF : 25.6/21

In: 190.284+/-642.672 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -481.627+/-443.750 χ^2/NDF : 25.6/21

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.815+/-0.434 χ^2/NDF : 244338.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

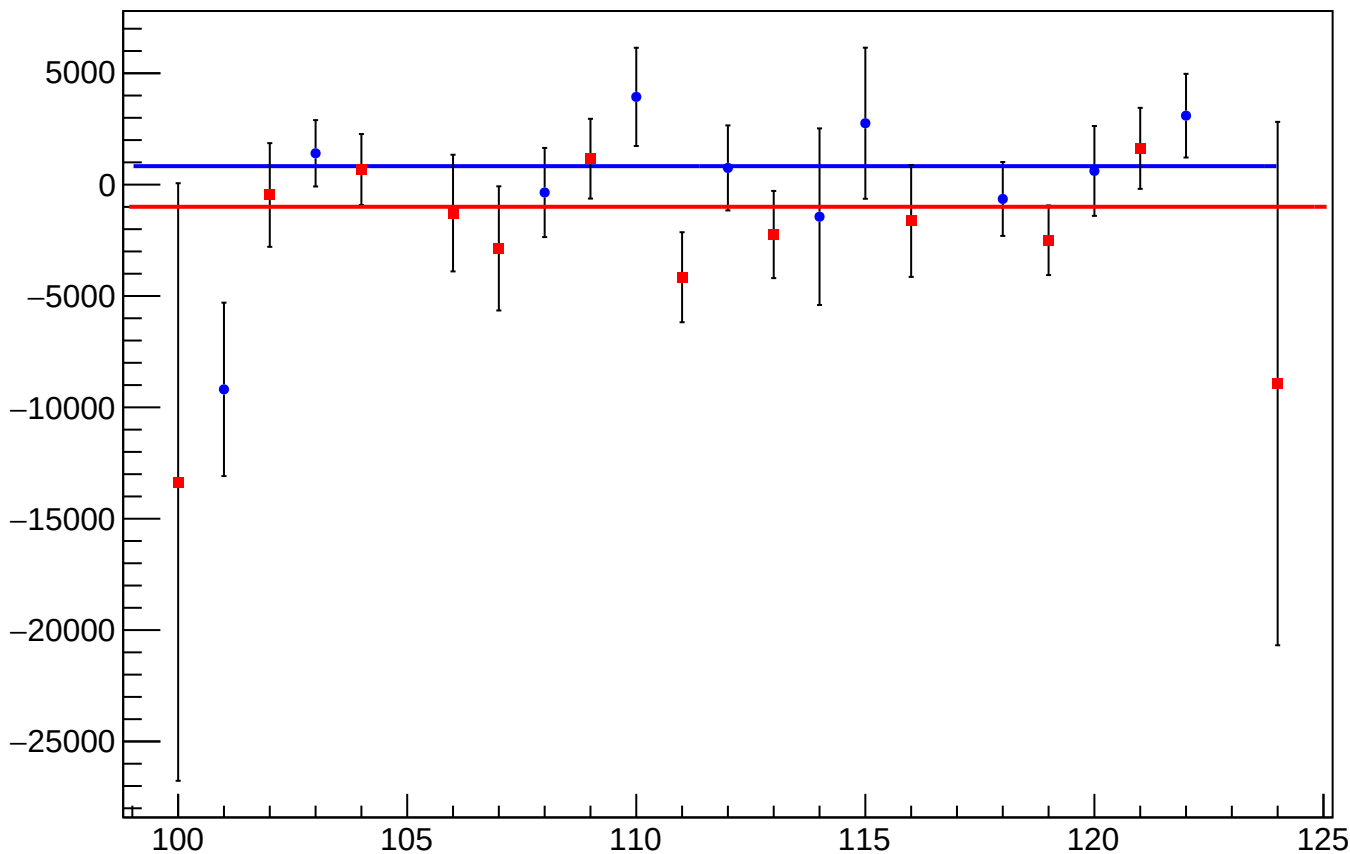
Right: 1278.021+/-0.314 χ^2/NDF : 569744.6/21

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.021+/-0.314 χ^2/NDF : 569744.6/21

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -994.390+/-625.832 χ^2/NDF : 10.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

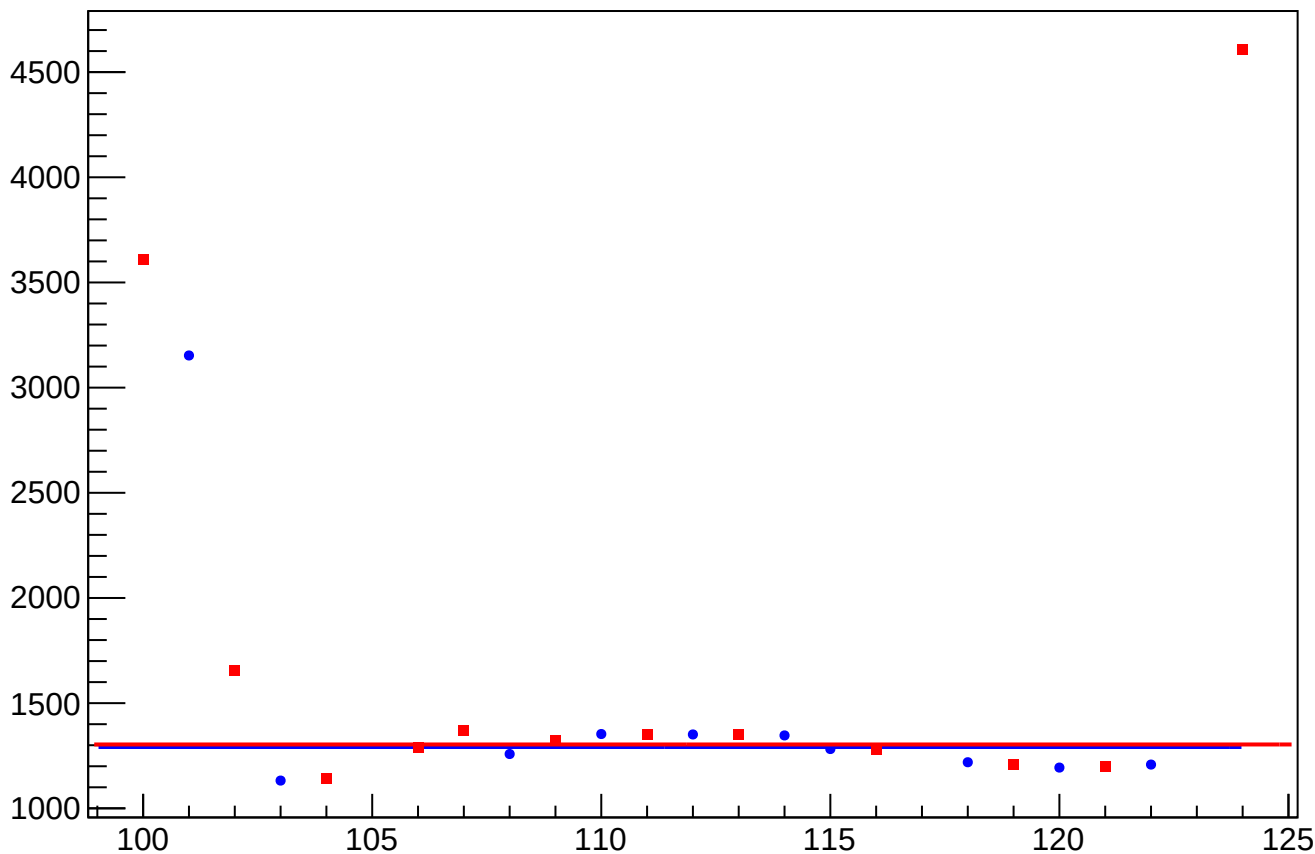
Right: -132.282+/-454.422 χ^2/NDF : 26.3/21

In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.282+/-454.422 χ^2/NDF : 26.3/21

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.562+/-0.443 χ^2/NDF : 301973.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

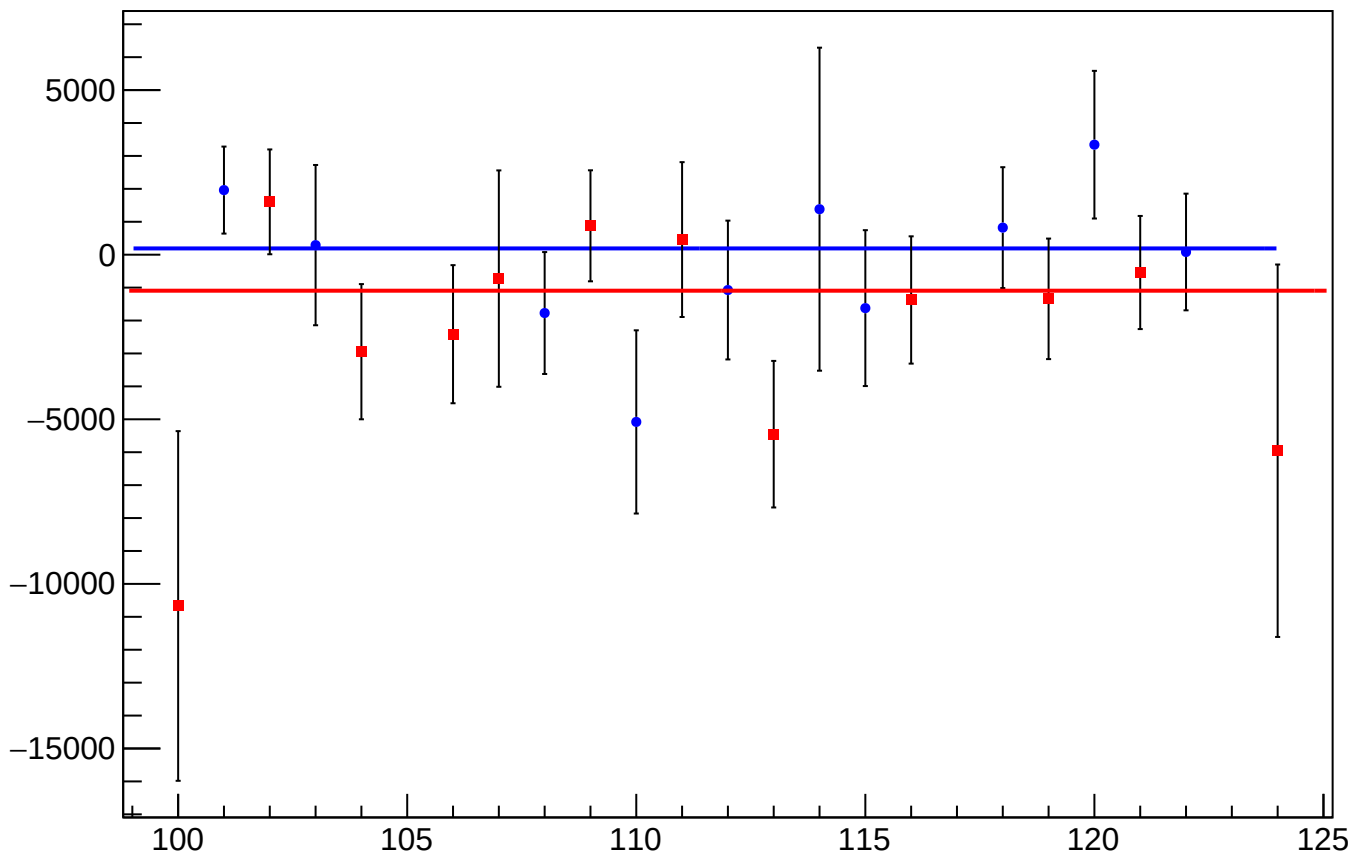
Right: 1297.921+/-0.321 χ^2/NDF : 799415.1/21

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.921+/-0.321 χ^2/NDF : 799415.1/21

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 190.284+/-642.672 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1093.846+/-613.461 χ^2/NDF : 13.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

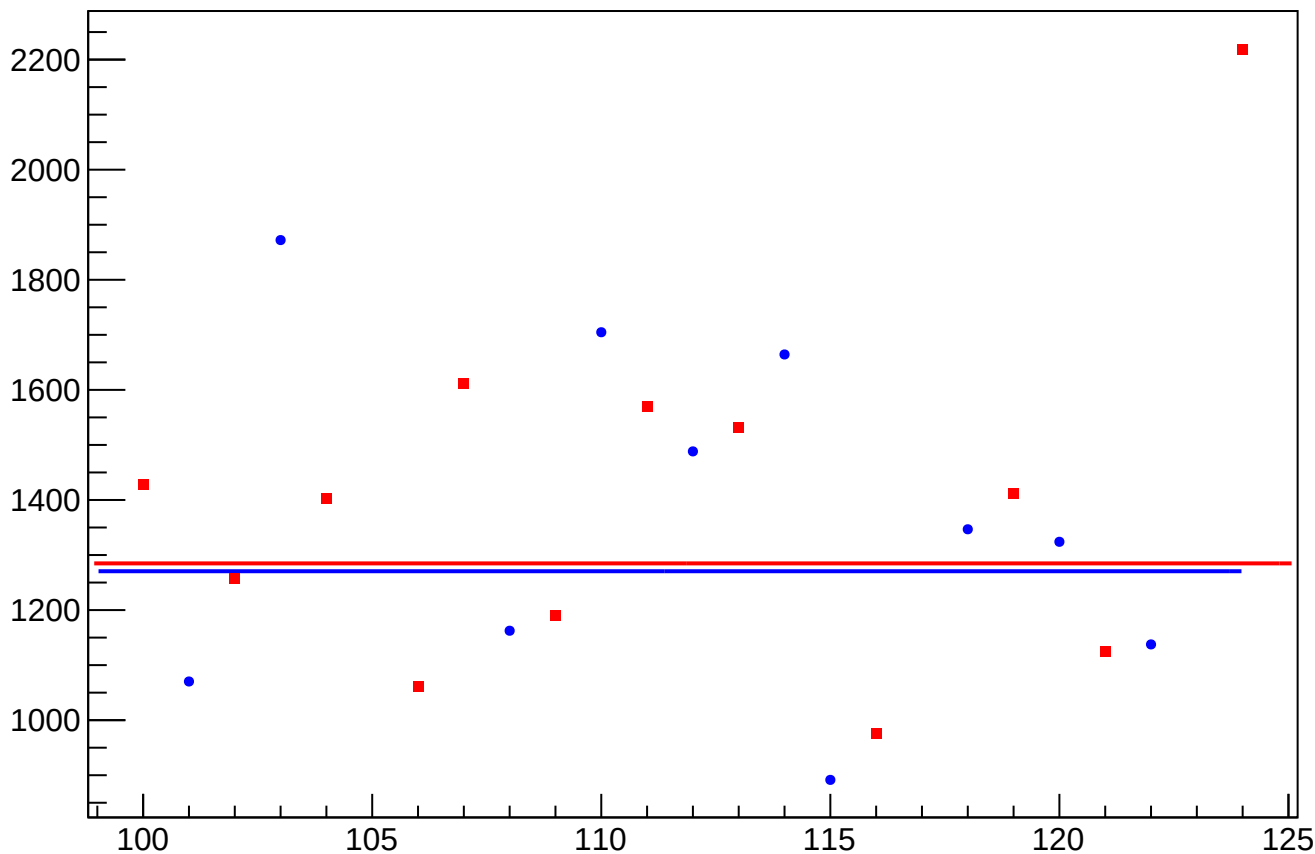
Right: -481.627+/-443.750 χ^2/NDF : 25.6/21

In: 190.284+/-642.672 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -481.627+/-443.750 χ^2/NDF : 25.6/21

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.815+/-0.434 χ^2/NDF : 244338.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

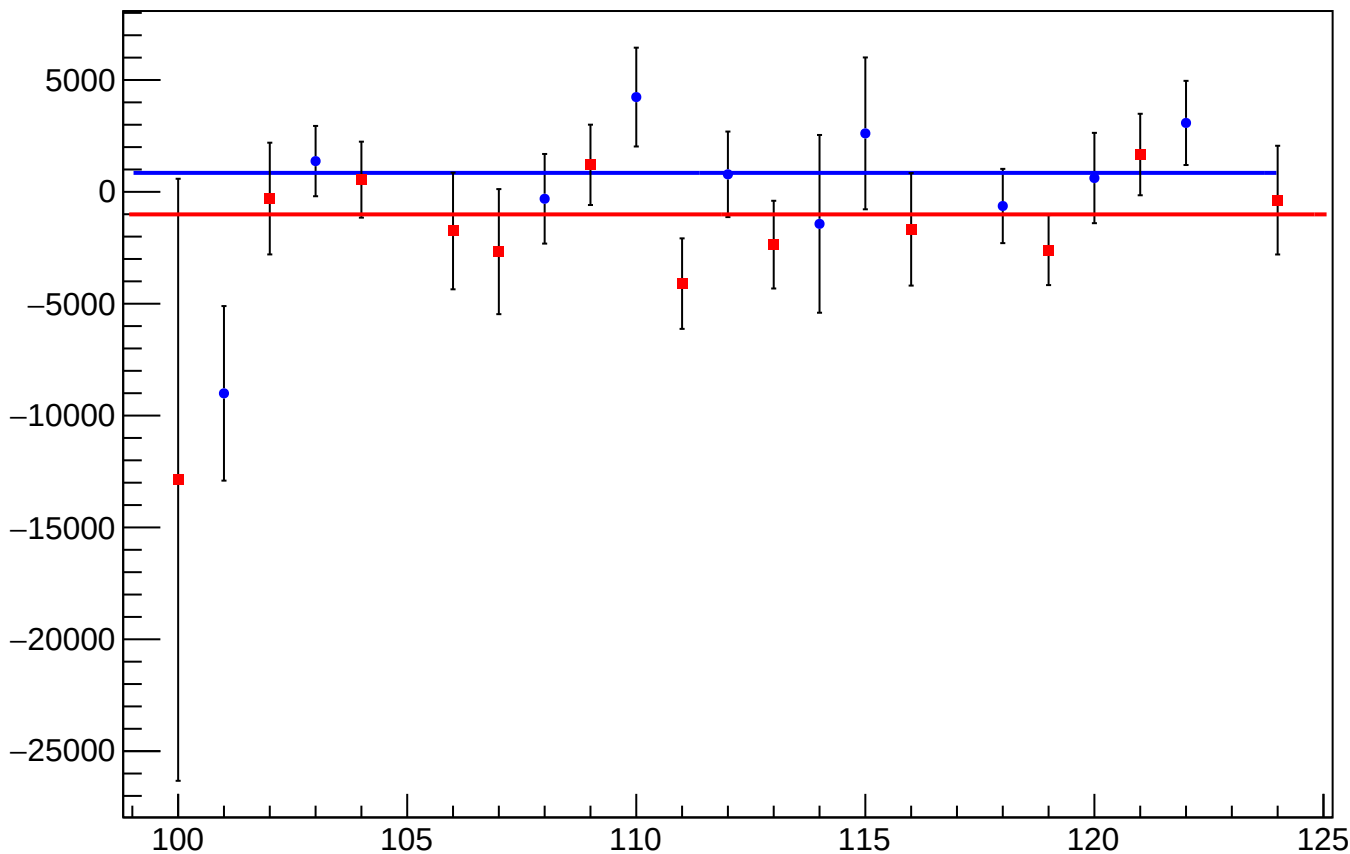
Right: 1278.021+/-0.314 χ^2/NDF : 569744.6/21

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.021+/-0.314 χ^2/NDF : 569744.6/21

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 848.444+/-668.144 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1007.027+/-615.445 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

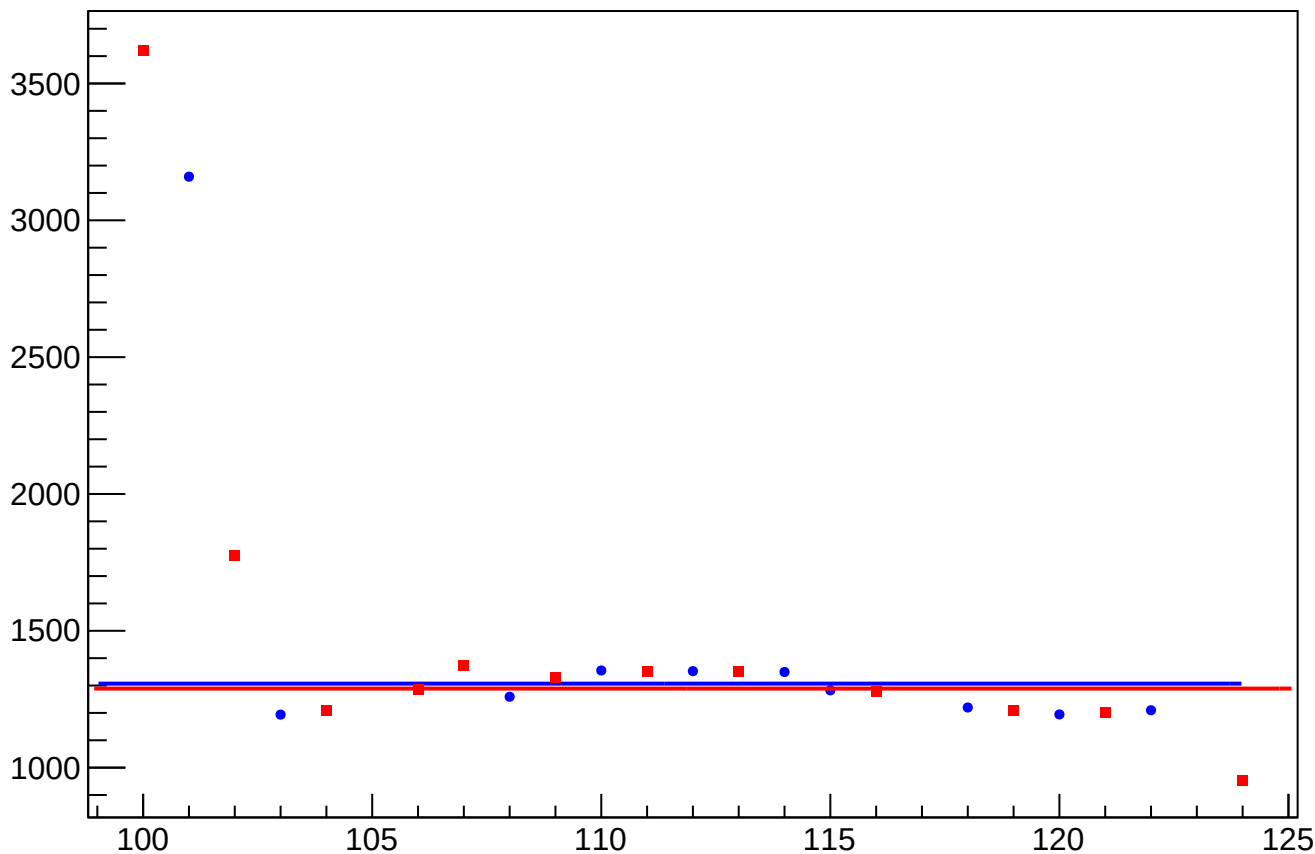
Right: -155.341+/-452.671 χ^2/NDF : 26.0/21

In: 848.444+/-668.144 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.341+/-452.671 χ^2/NDF : 26.0/21

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1306.999+/-0.472 χ^2/NDF : 481994.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.921+/-0.435 χ^2/NDF : 195635.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

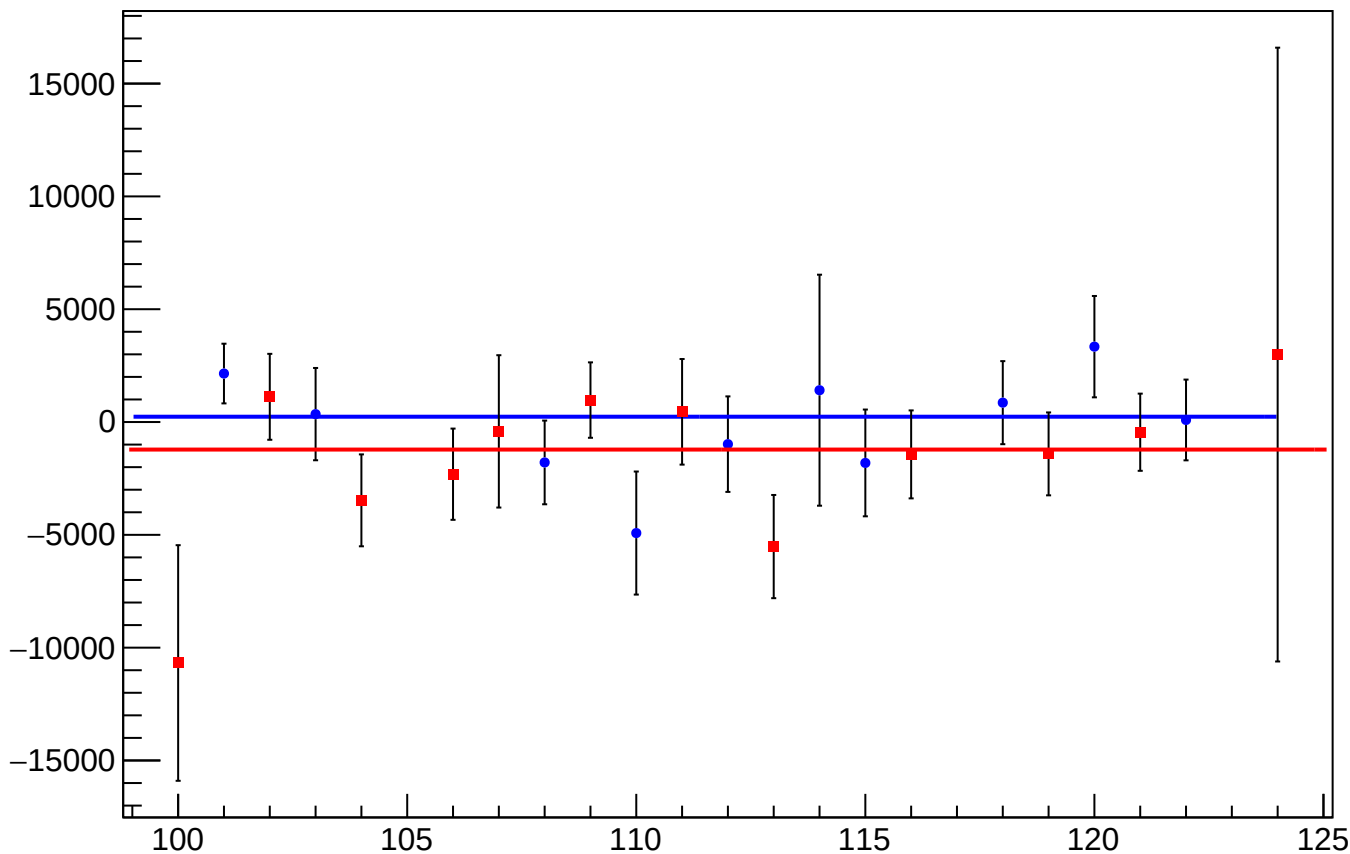
Right: 1297.219+/-0.320 χ^2/NDF : 678421.4/21

In: 1306.999+/-0.472 χ^2/NDF : 481994.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.219+/-0.320 χ^2/NDF : 678421.4/21

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 235.627+/-634.794 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1220.430+/-629.390 χ^2/NDF : 12.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

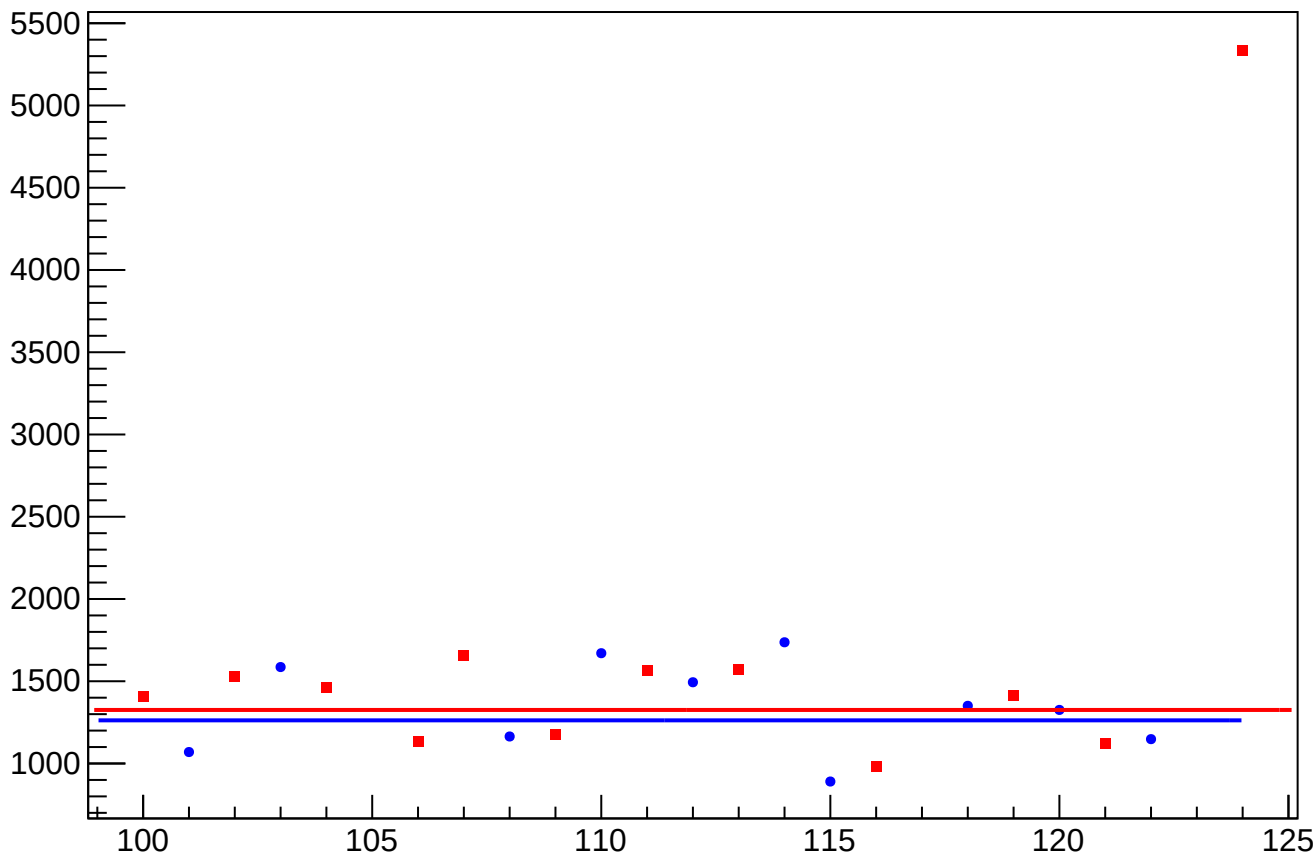
Right: -498.625+/-446.944 χ^2/NDF : 25.1/21

In: 235.627+/-634.794 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.625+/-446.944 χ^2/NDF : 25.1/21

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1262.311+/-0.449 χ^2/NDF : 247885.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.484+/-0.445 χ^2/NDF : 399597.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

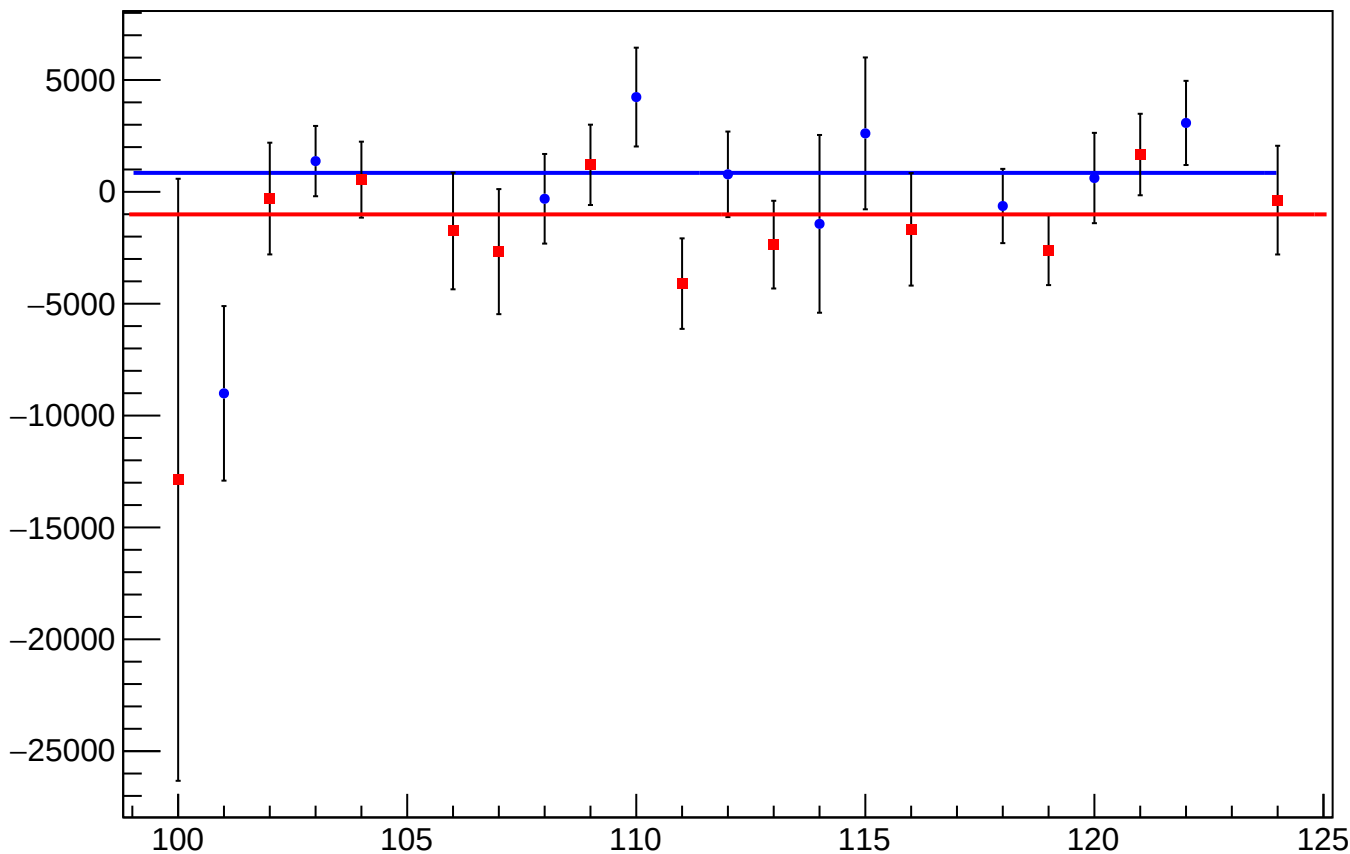
Right: 1294.167+/-0.316 χ^2/NDF : 657472.1/21

In: 1262.311+/-0.449 χ^2/NDF : 247885.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.167+/-0.316 χ^2/NDF : 657472.1/21

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 848.440+/-668.144 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1007.029+/-615.445 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

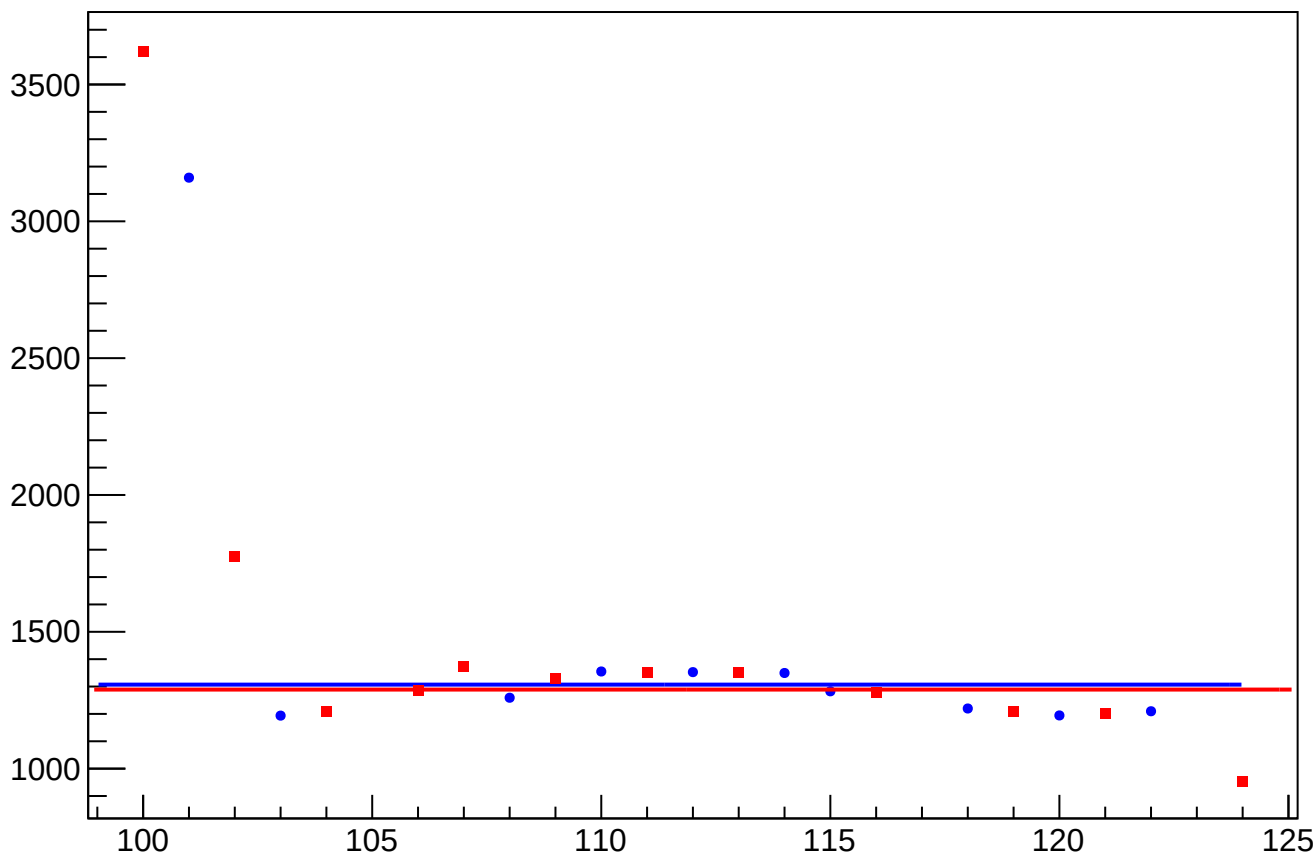
Right: -155.344+/-452.671 χ^2/NDF : 26.0/21

In: 848.440+/-668.144 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.344+/-452.671 χ^2/NDF : 26.0/21

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1306.999+/-0.472 χ^2/NDF : 481994.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.921+/-0.435 χ^2/NDF : 195634.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

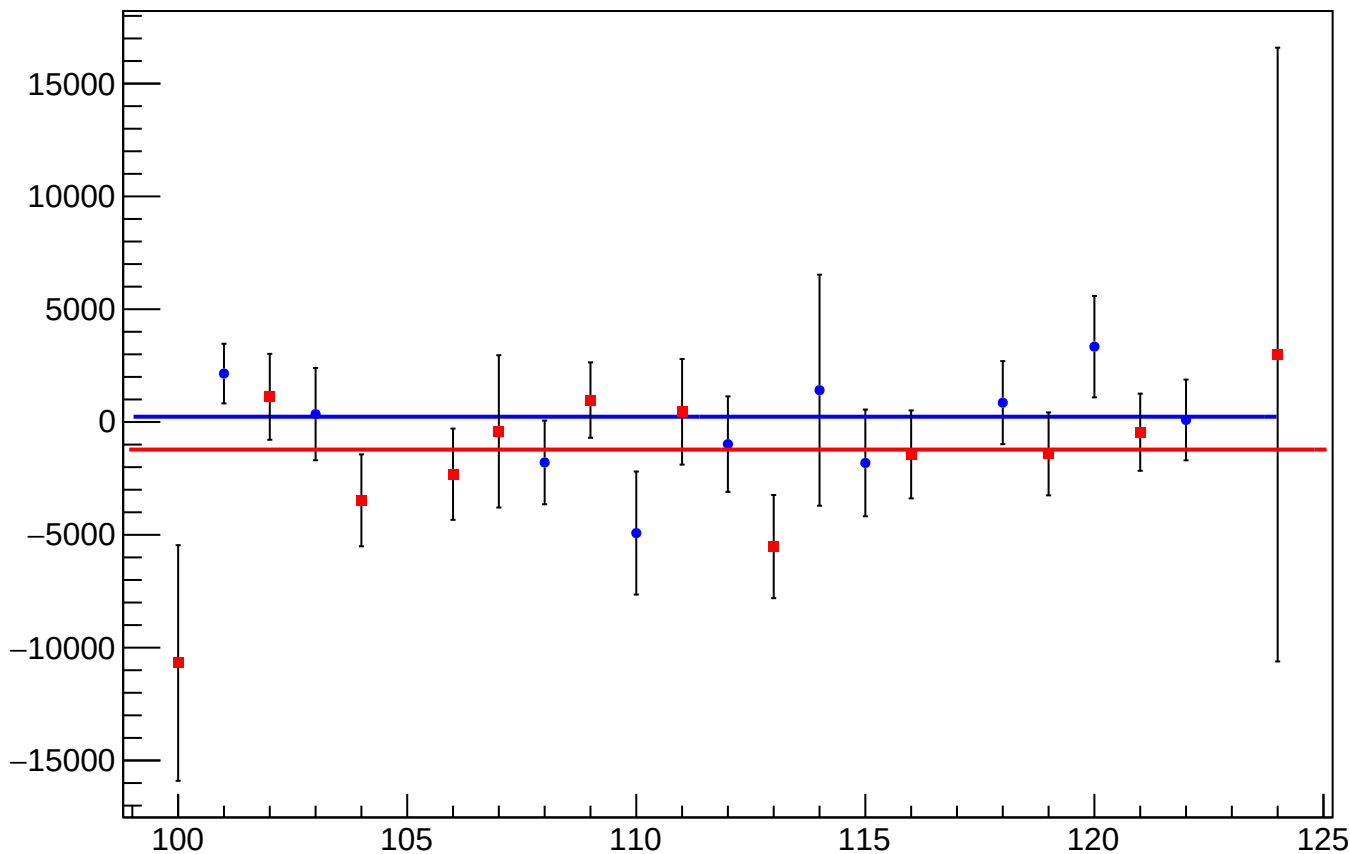
Right: 1297.219+/-0.320 χ^2/NDF : 678421.5/21

In: 1306.999+/-0.472 χ^2/NDF : 481994.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.219+/-0.320 χ^2/NDF : 678421.5/21

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 235.626+/-634.792 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1220.431+/-629.390 χ^2/NDF : 12.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

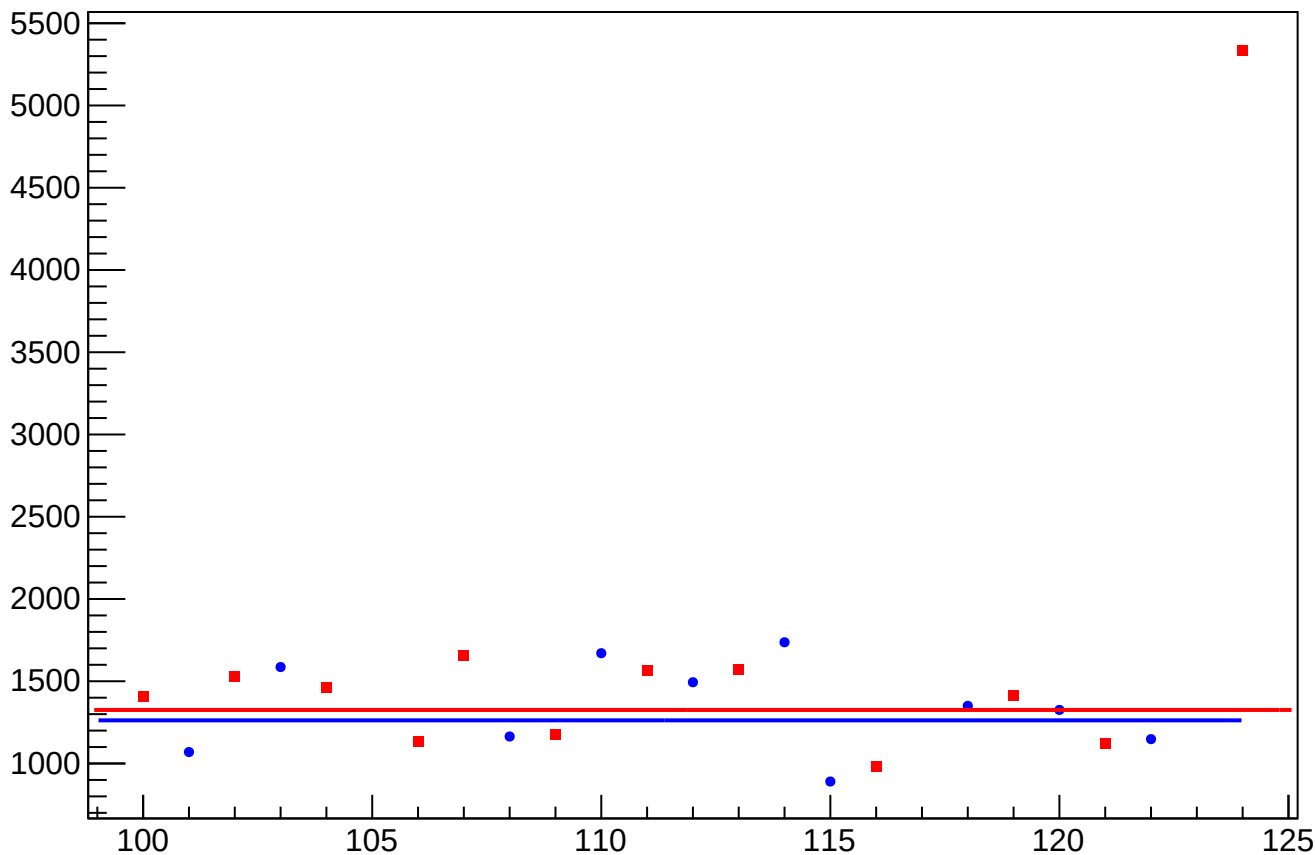
Right: -498.624+/-446.943 χ^2/NDF : 25.1/21

In: 235.626+/-634.792 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.624+/-446.943 χ^2/NDF : 25.1/21

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1262.306+/-0.449 χ^2/NDF : 247891.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.483+/-0.445 χ^2/NDF : 399599.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

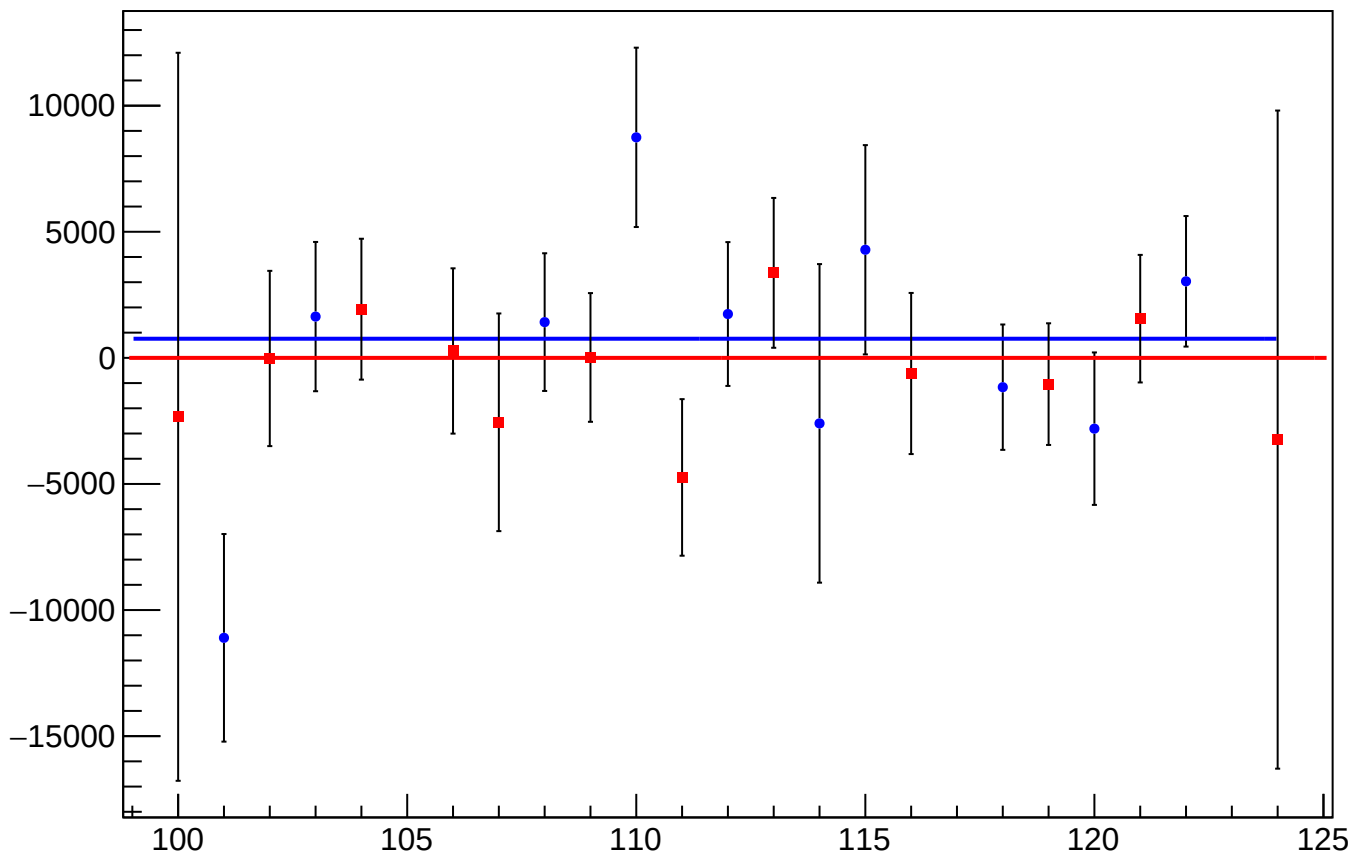
Right: 1294.165+/-0.316 χ^2/NDF : 657480.2/21

In: 1262.306+/-0.449 χ^2/NDF : 247891.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.165+/-0.316 χ^2/NDF : 657480.2/21

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 758.713+/-993.530 χ^2/NDF : 17.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.749+/-926.385 χ^2/NDF : 5.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

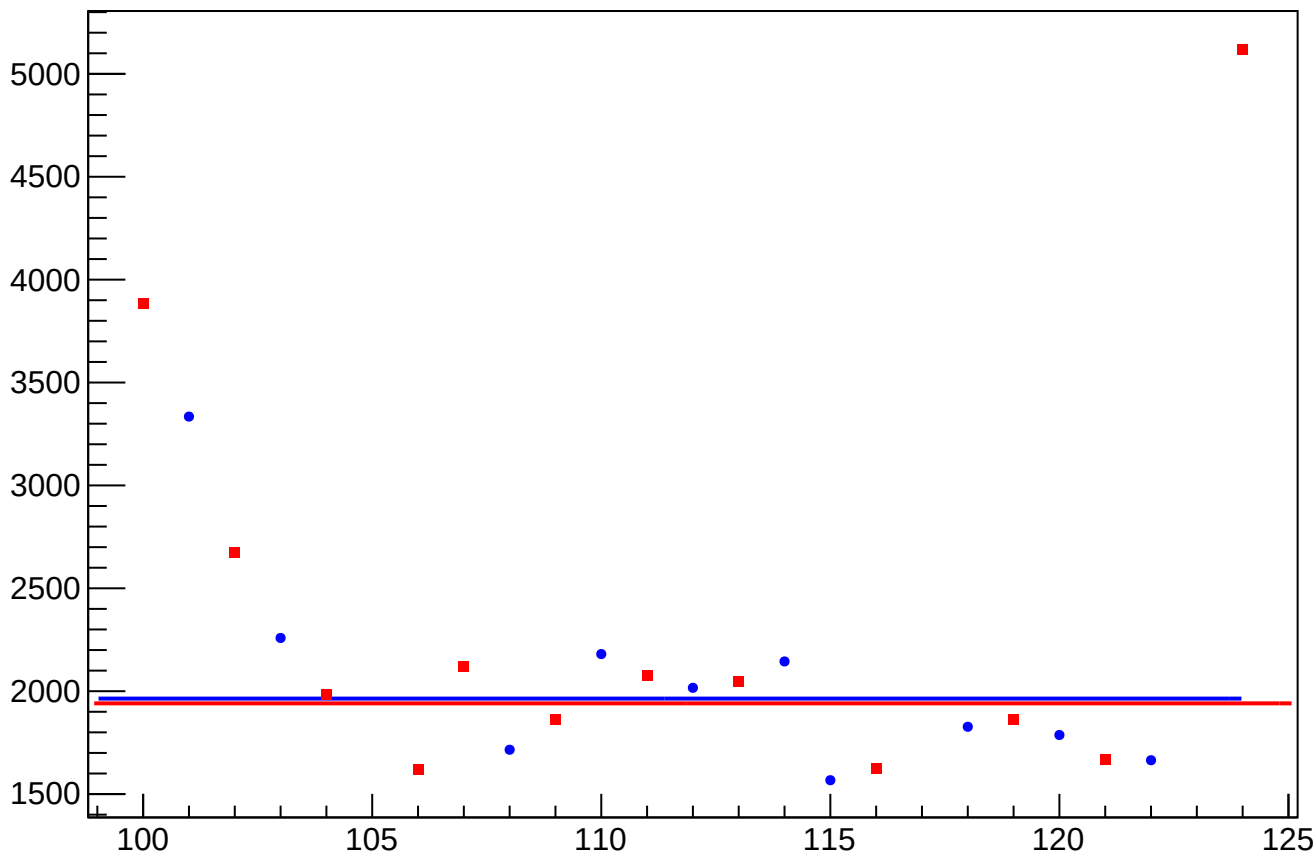
Right: 352.454+/-677.548 χ^2/NDF : 22.8/21

In: 758.713+/-993.530 χ^2/NDF : 17.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.454+/-677.548 χ^2/NDF : 22.8/21

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1964.064+/-0.703 χ^2/NDF : 325728.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1940.937+/-0.655 χ^2/NDF : 320818.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

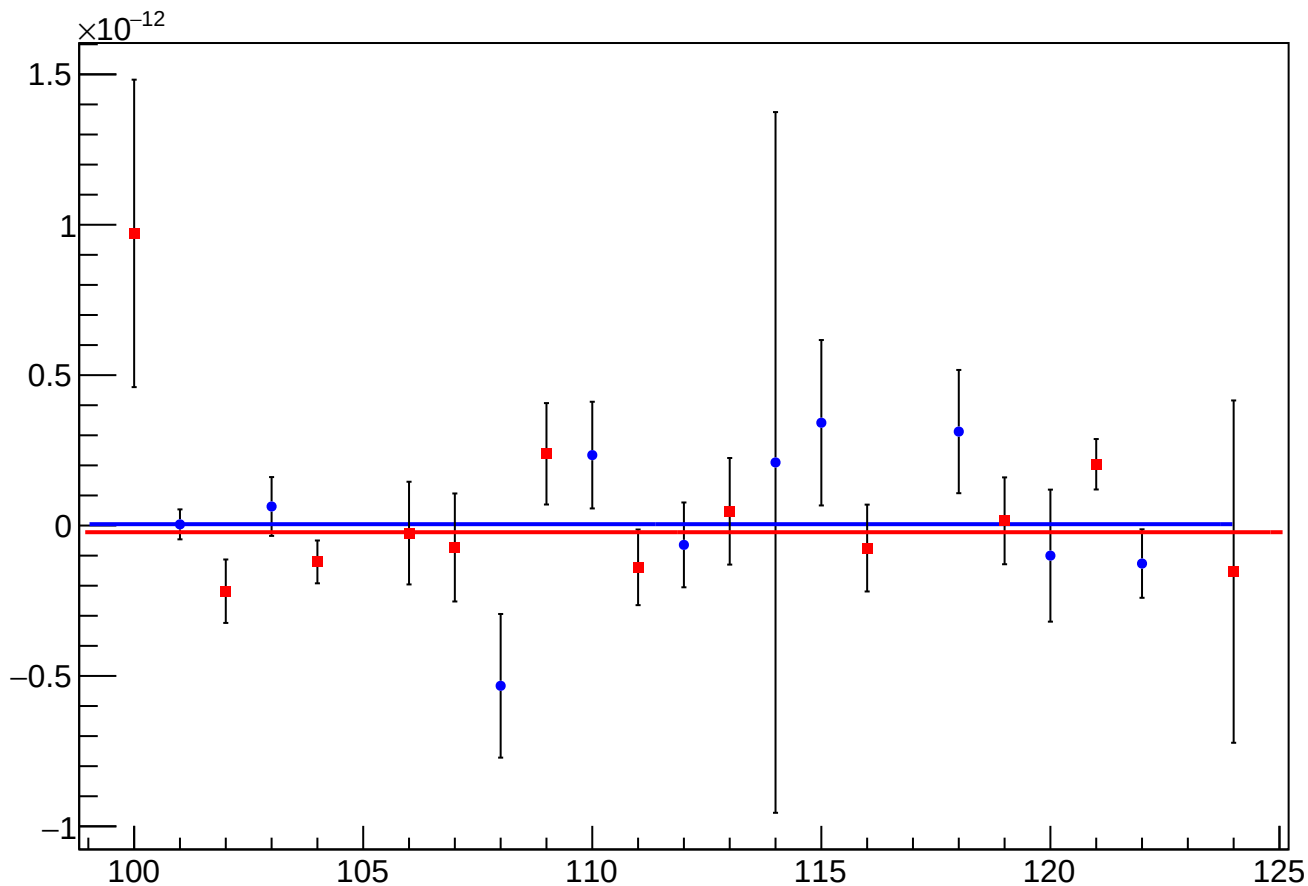
Right: 1951.693+/-0.479 χ^2/NDF : 647126.7/21

In: 1964.064+/-0.703 χ^2/NDF : 325728.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.693+/-0.479 χ^2/NDF : 647126.7/21

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

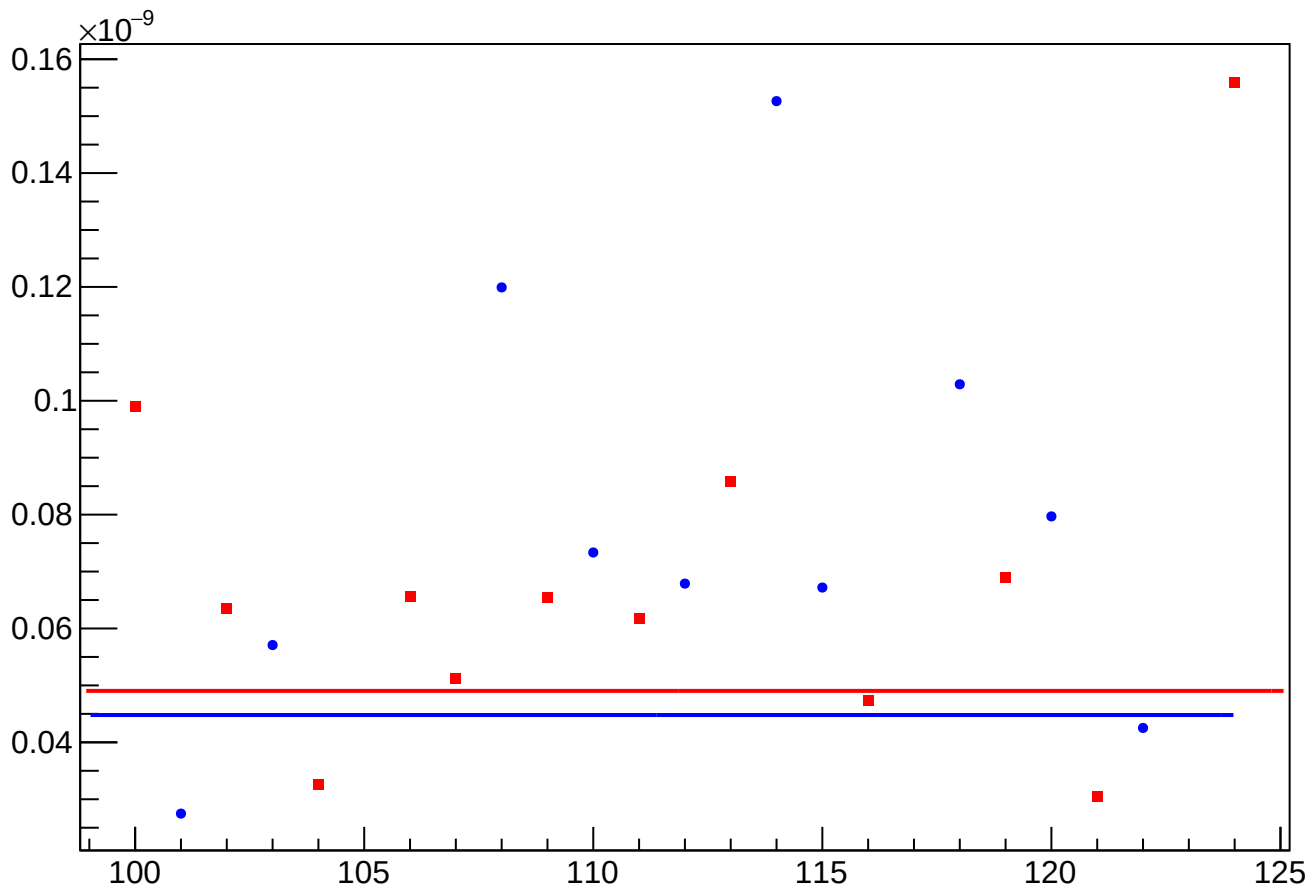
Right: -0.000+/-0.000 χ^2/NDF : 33.1/21

In: 0.000+/-0.000 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.1/21

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 819349.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 514072.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

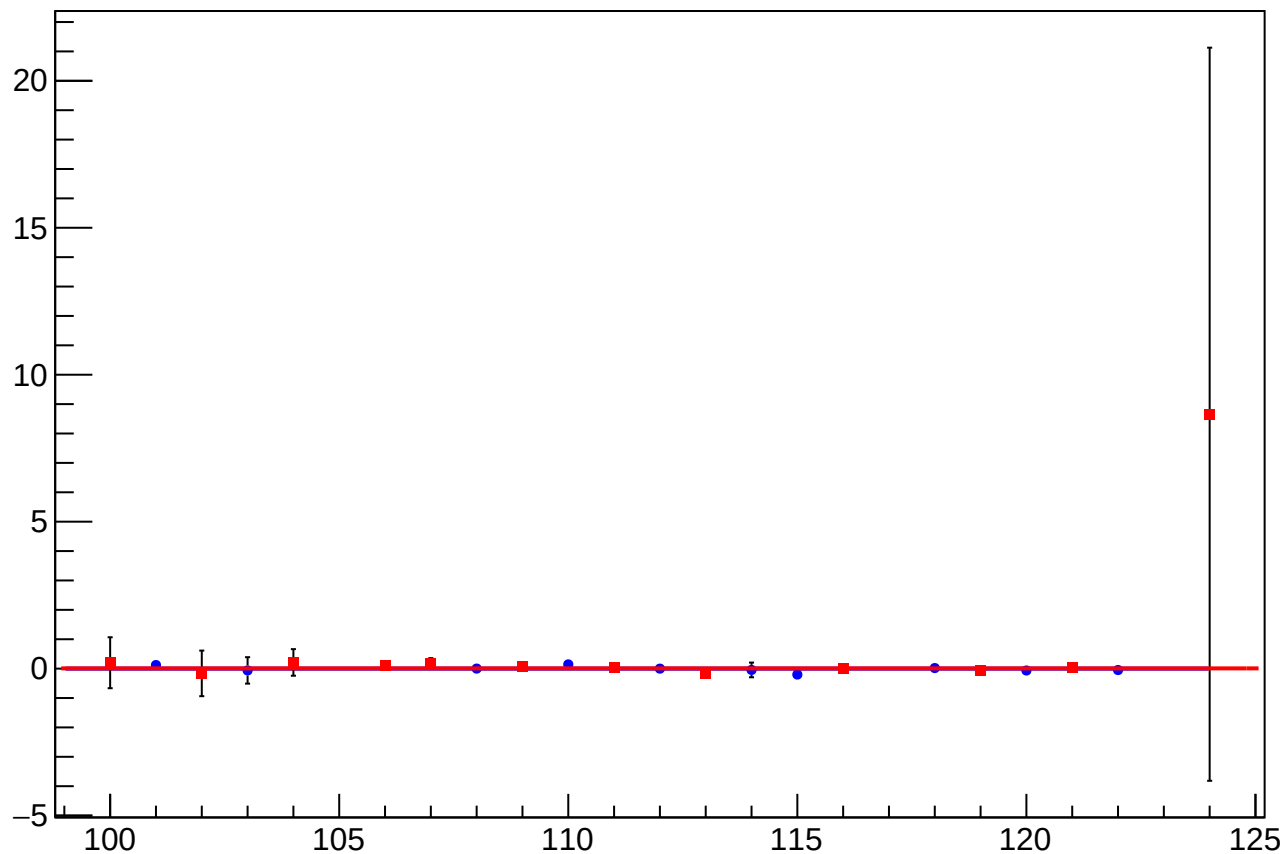
Right: 0.000+/-0.000 χ^2/NDF : 1346632.2/21

In: 0.000+/-0.000 χ^2/NDF : 819349.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1346632.2/21

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

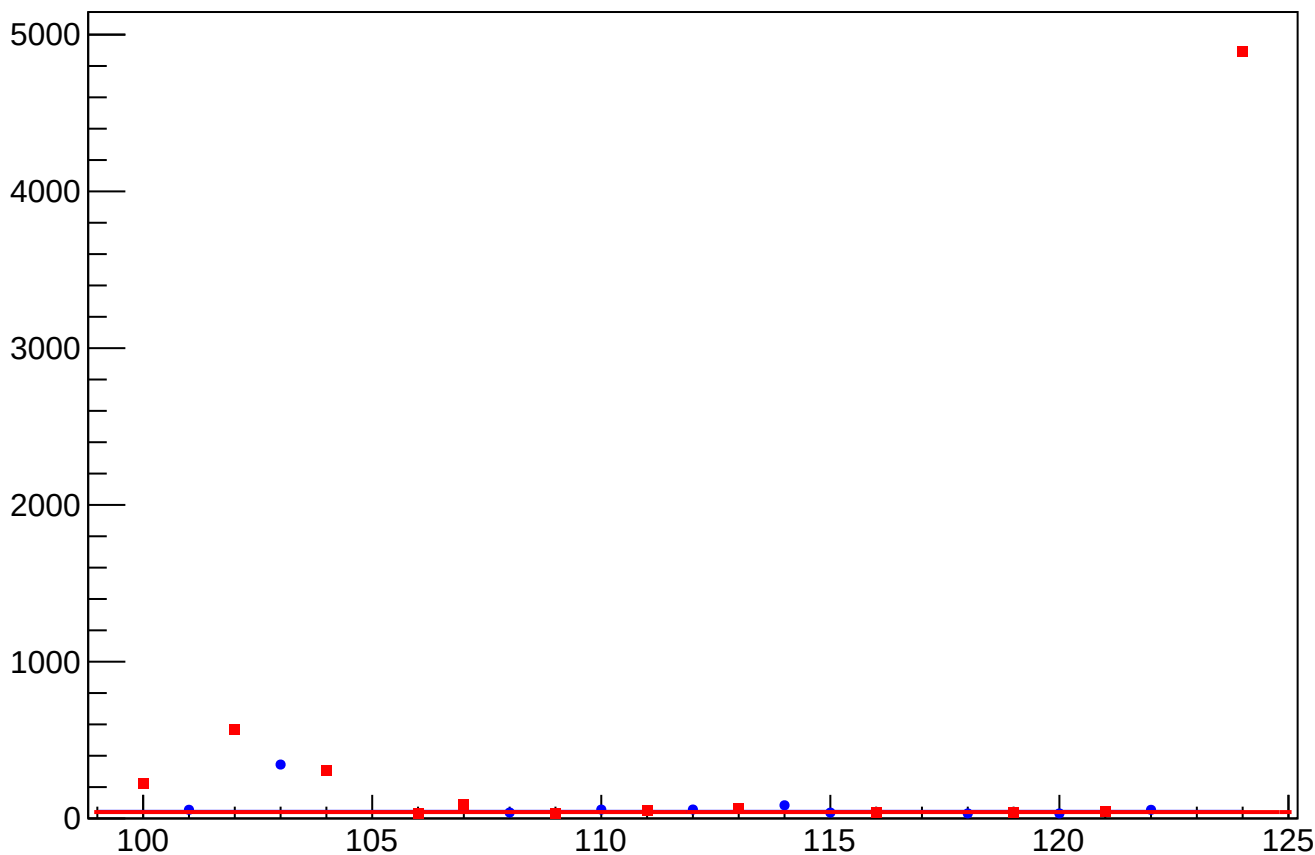
Right: 0.004+/-0.017 χ^2/NDF : 20.2/21

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.017 χ^2/NDF : 20.2/21

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.711+/-0.017 χ^2/NDF : 2388318.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

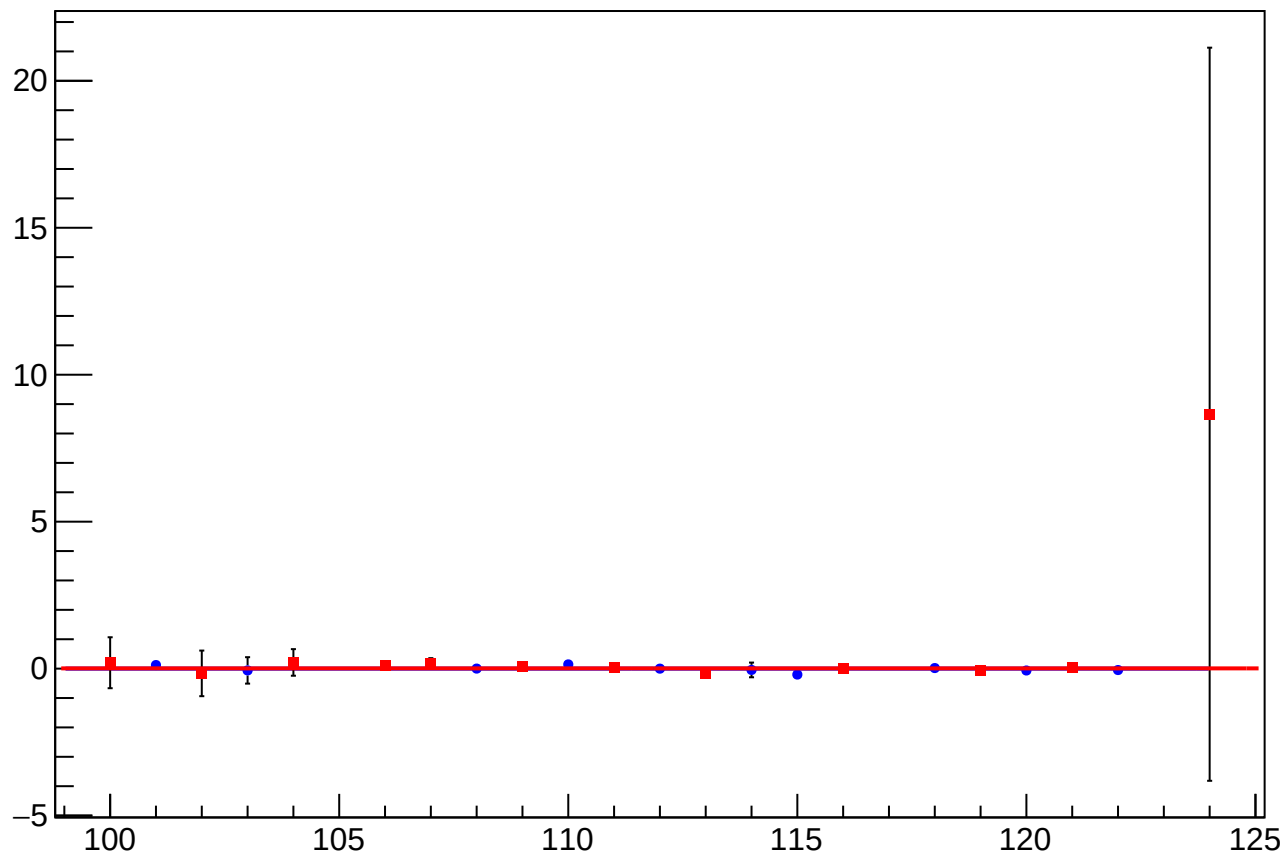
Right: 41.498+/-0.012 χ^2/NDF : 3735439.2/21

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.498+/-0.012 χ^2/NDF : 3735439.2/21

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 : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

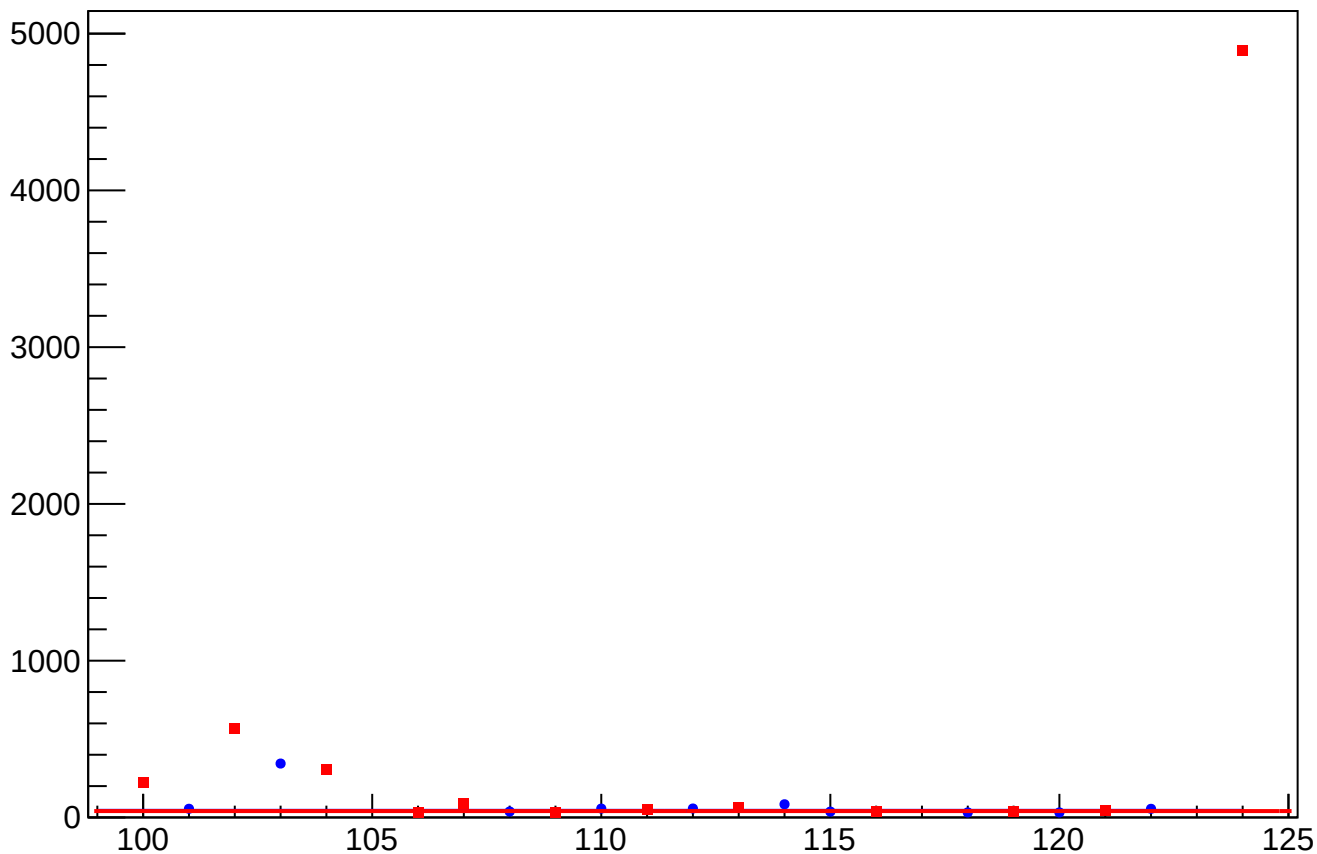
Right: 0.004+/-0.017 χ^2/NDF : 20.2/21

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

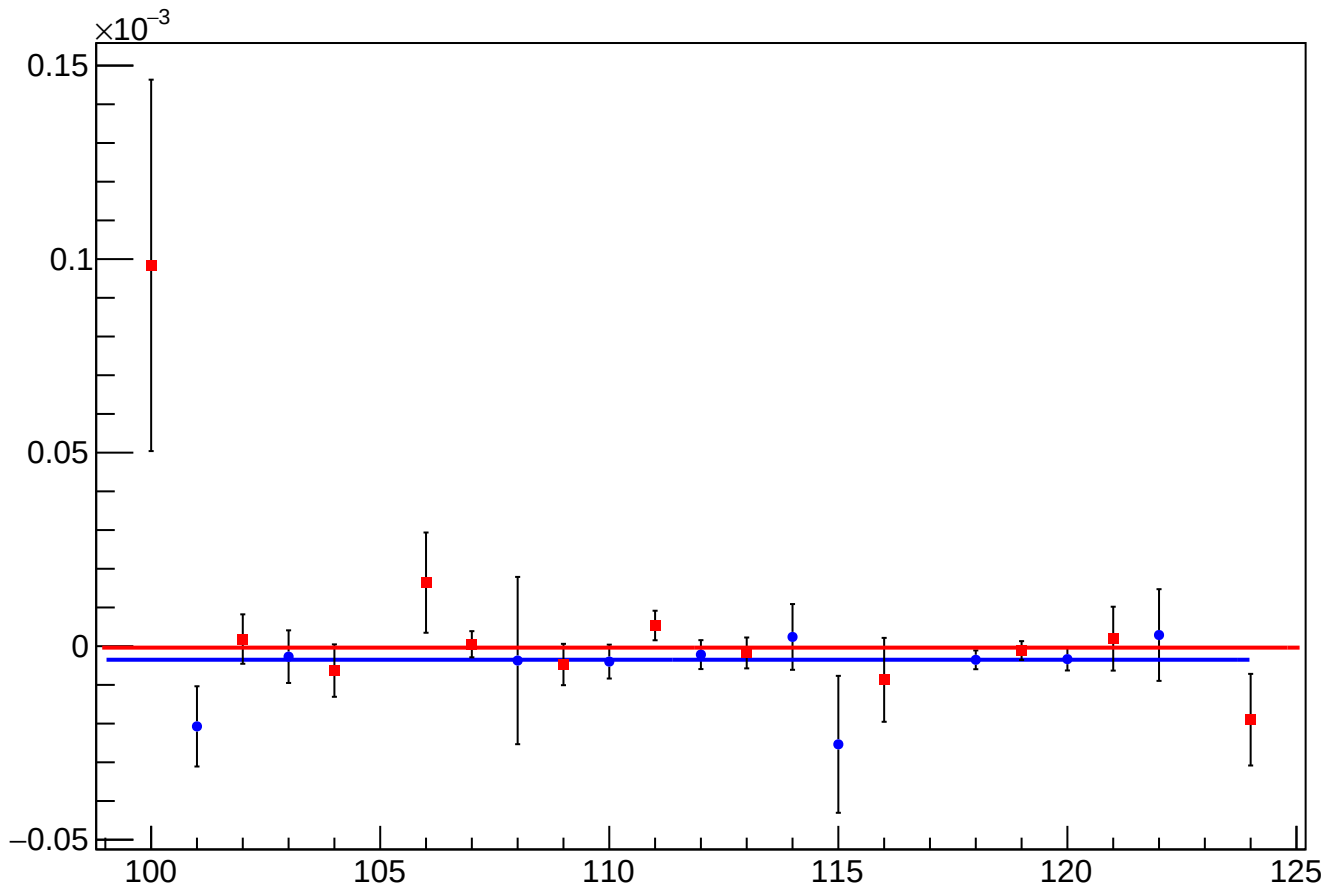
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.017 χ^2/NDF : 20.2/21

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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 : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

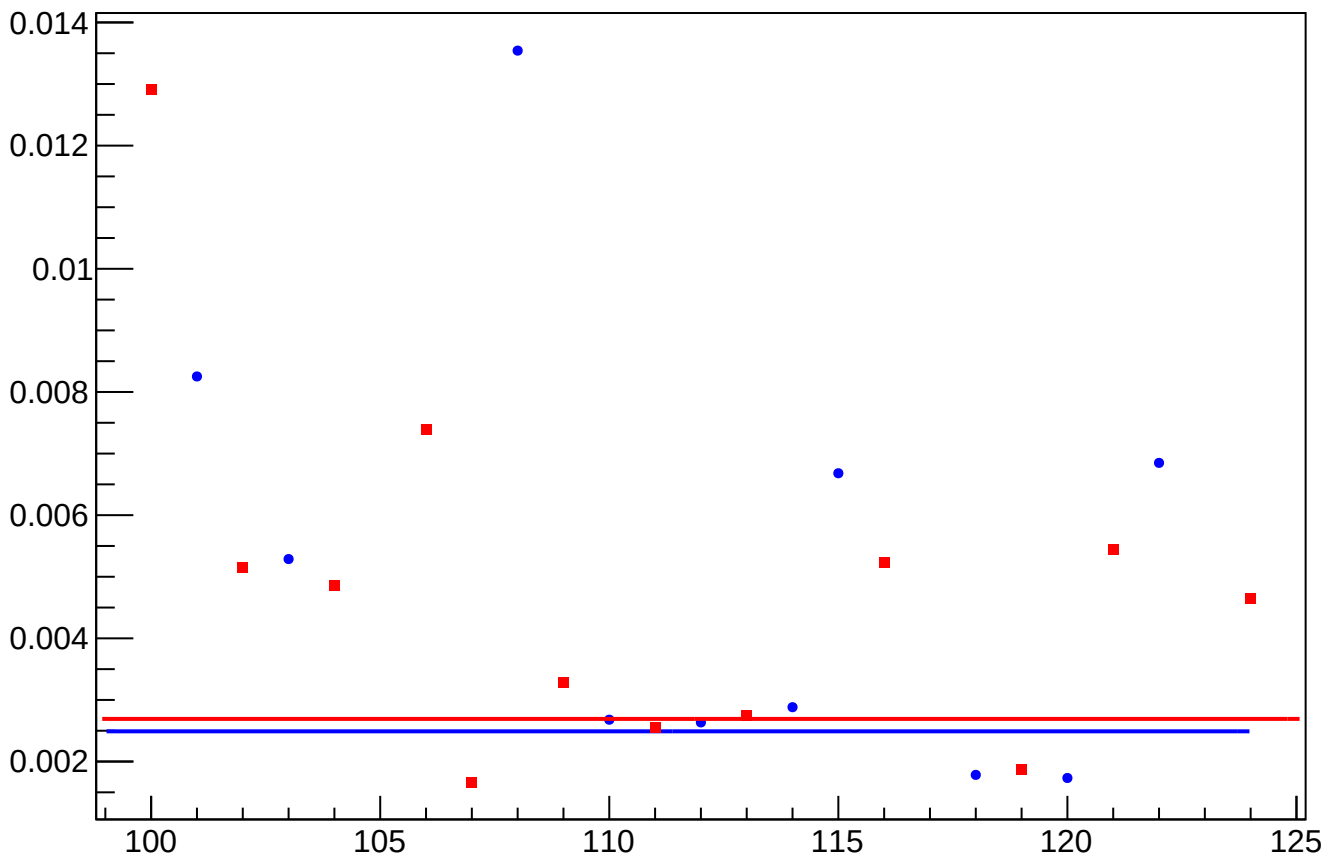
Right: -0.000+/-0.000 χ^2/NDF : 20.7/21

In: -0.000+/-0.000 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.7/21

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 : 2176584.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1683553.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

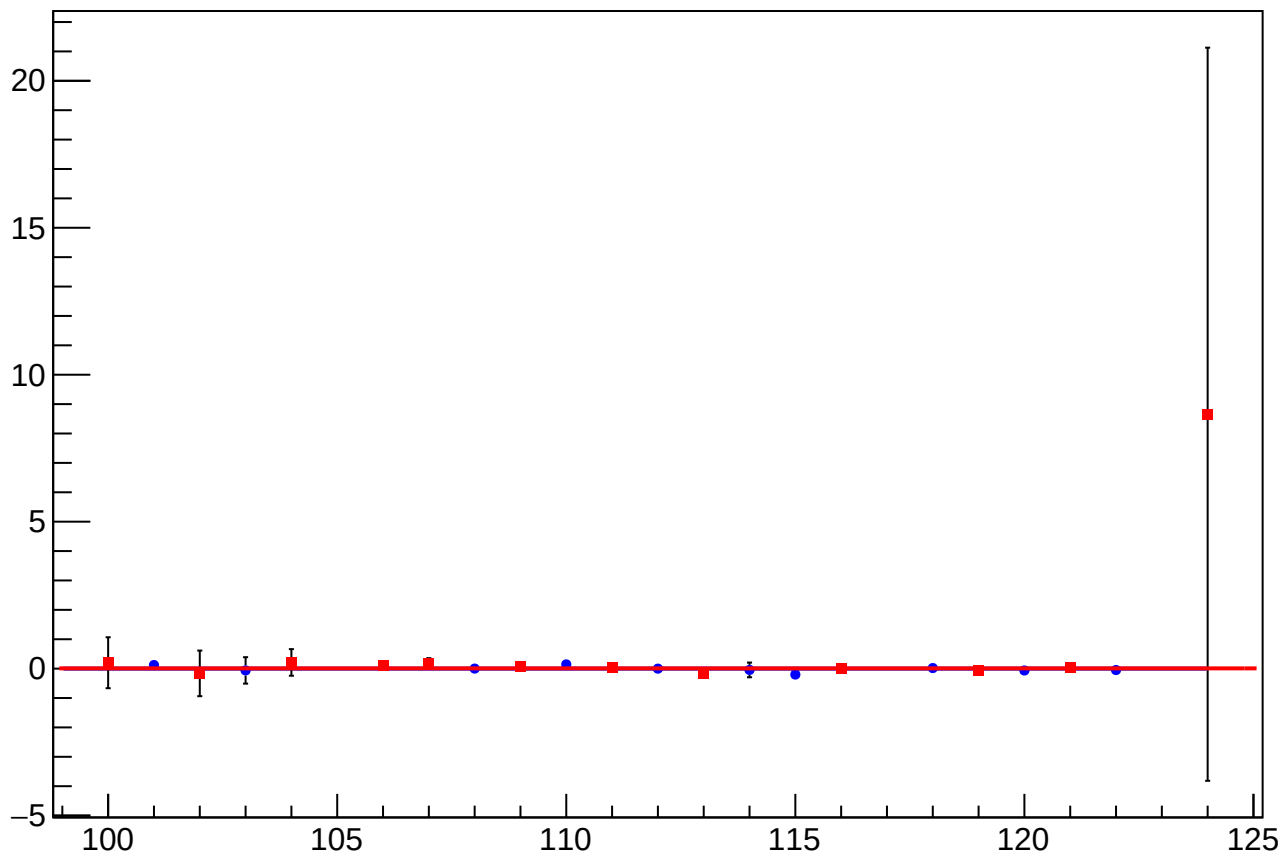
Right: 0.003+/-0.000 χ^2/NDF : 3879933.4/21

In: 0.002+/-0.000 χ^2/NDF :2176584.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3879933.4/21

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 : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

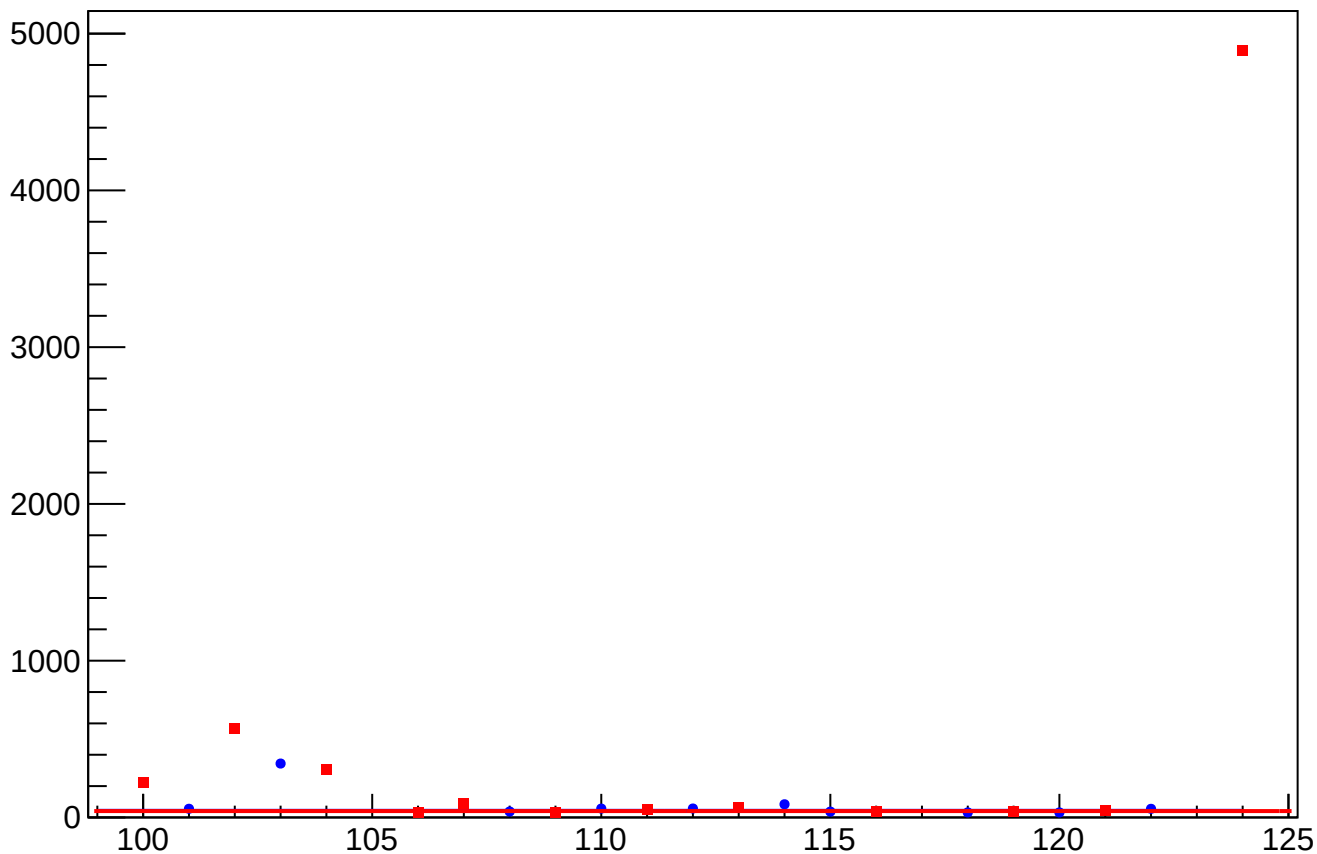
Right: 0.004+/-0.017 χ^2/NDF : 20.2/21

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

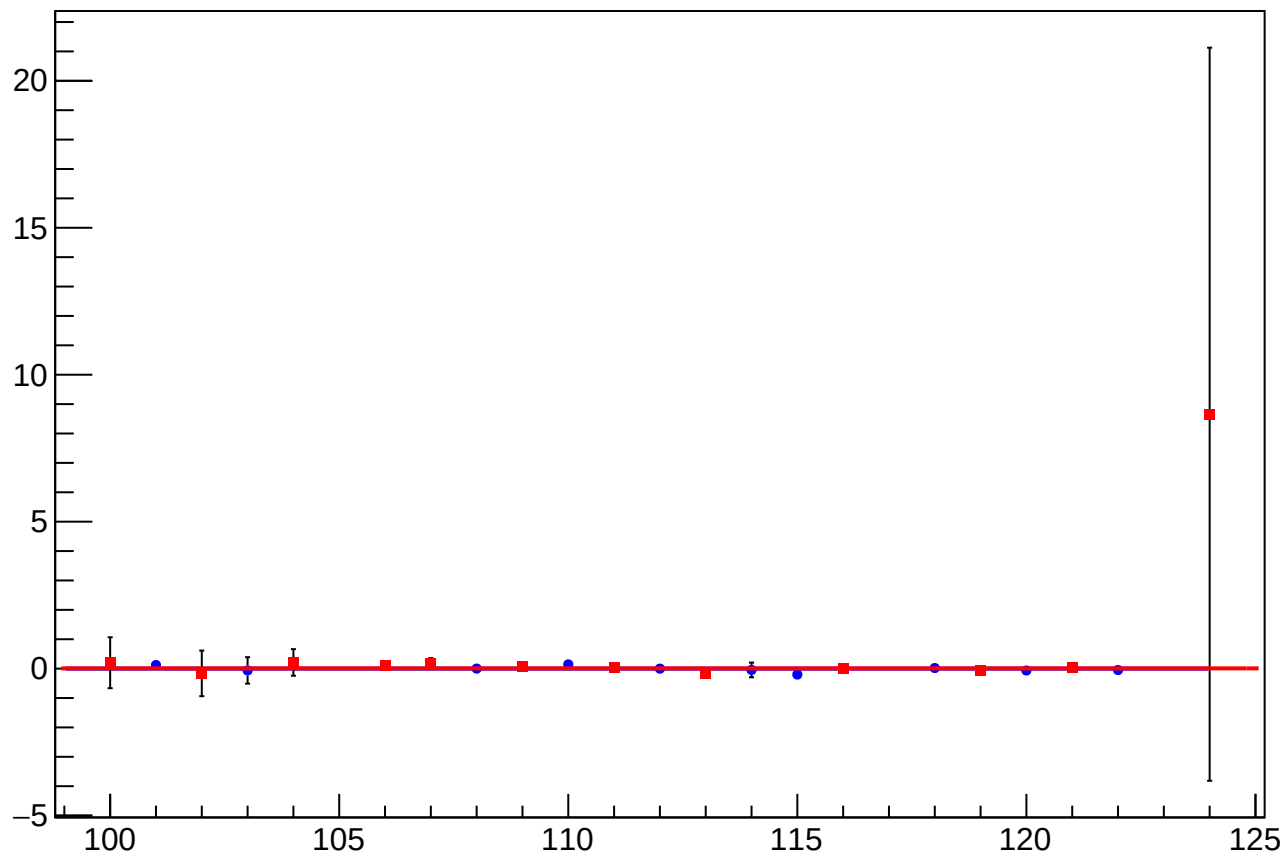
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.017 χ^2/NDF : 20.2/21

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

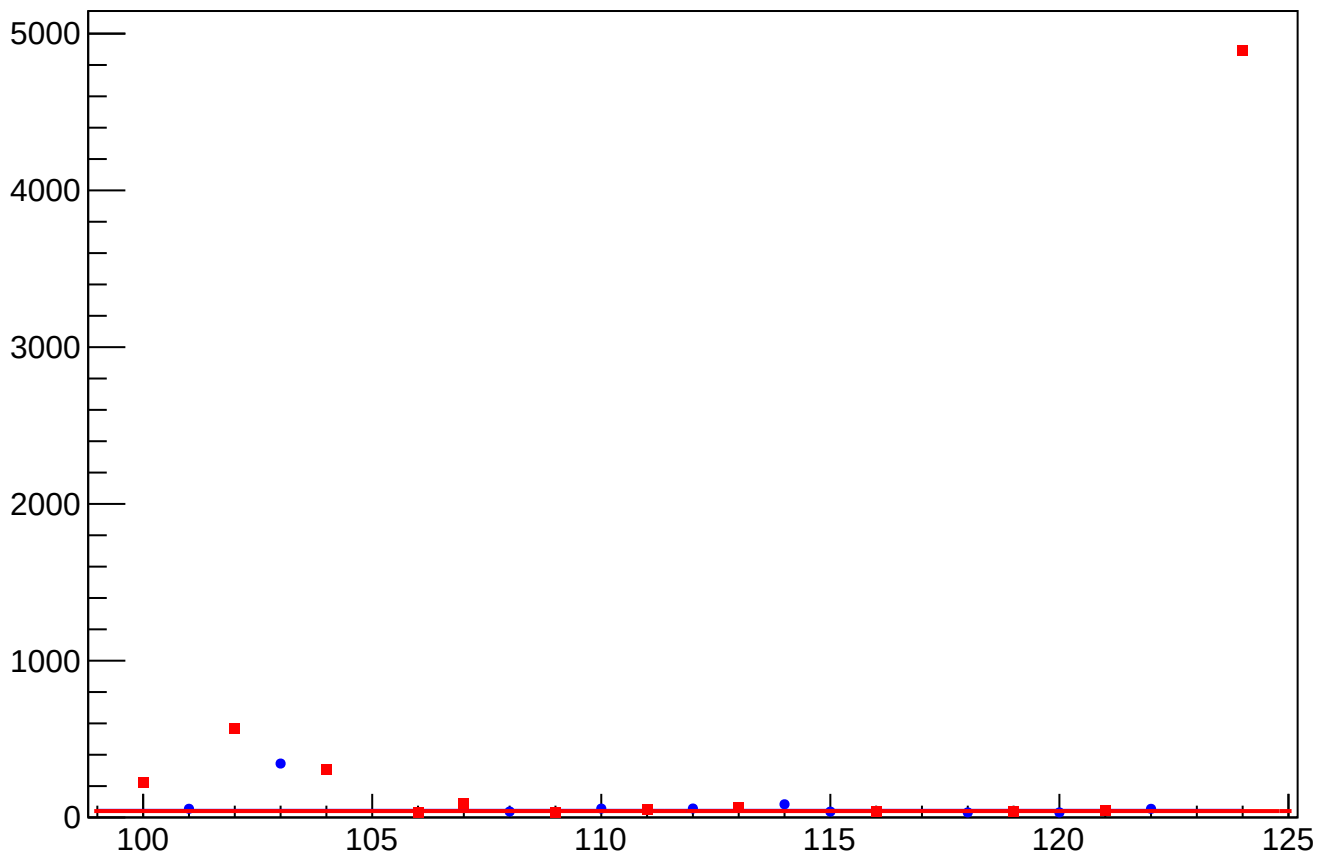
Right: 0.004+/-0.017 χ^2/NDF : 20.2/21

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.017 χ^2/NDF : 20.2/21

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.274+/-0.017 χ^2/NDF : 1342971.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.710+/-0.017 χ^2/NDF : 2388363.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

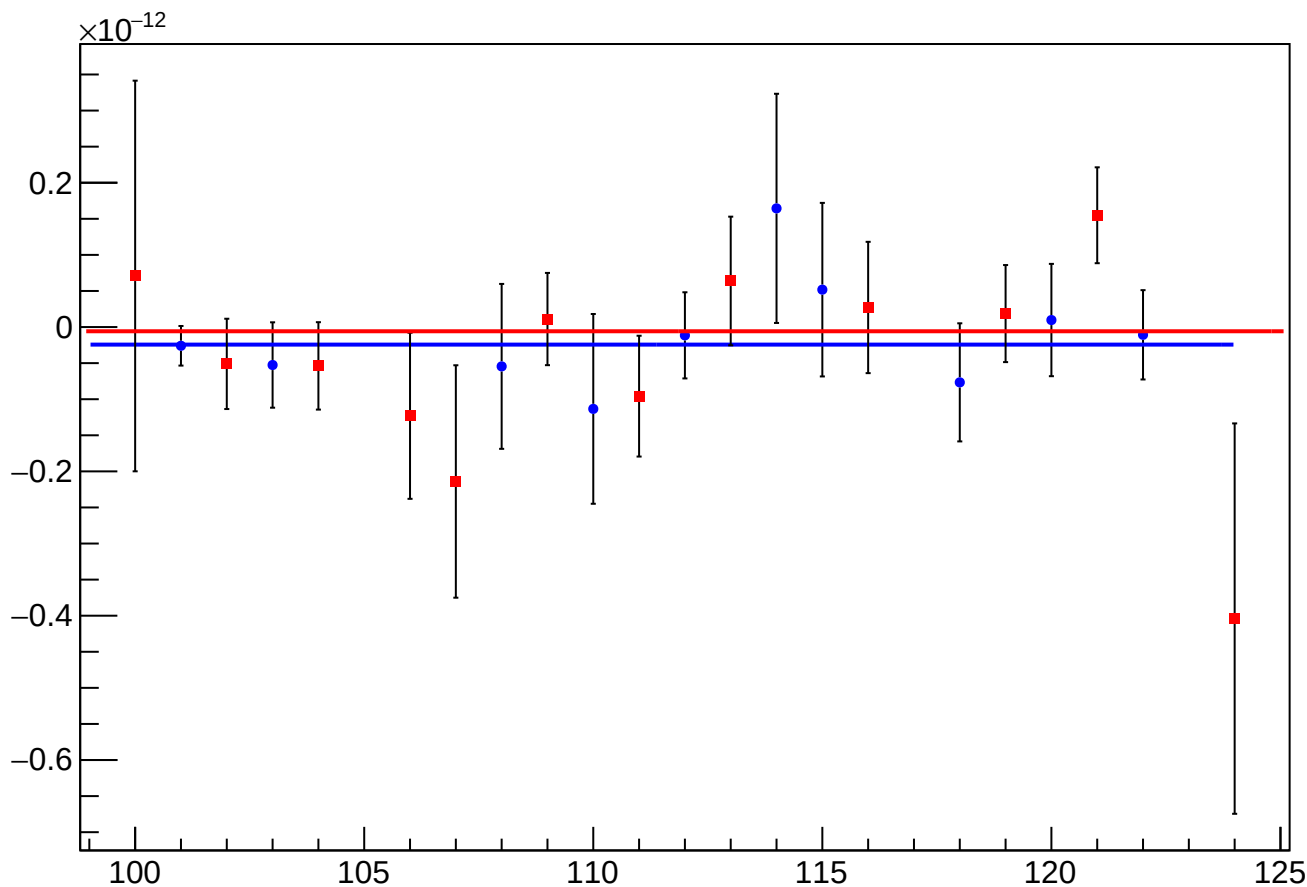
Right: 41.498+/-0.012 χ^2/NDF : 3735490.1/21

In: 42.274+/-0.017 χ^2/NDF : 1342971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.498+/-0.012 χ^2/NDF : 3735490.1/21

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 : 3.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

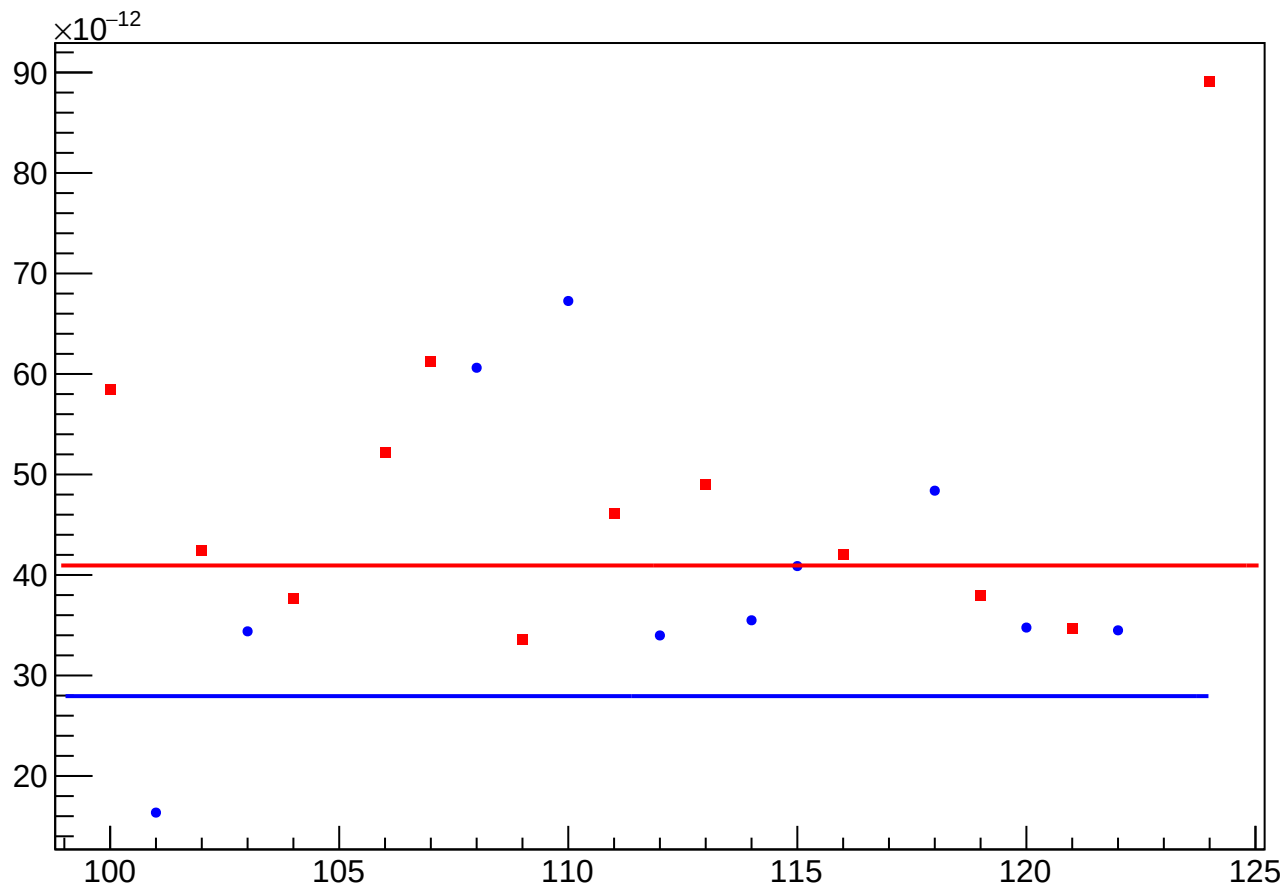
Right: -0.000+/-0.000 χ^2/NDF : 17.7/21

In: -0.000+/-0.000 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.7/21

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 : 933535.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 202261.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

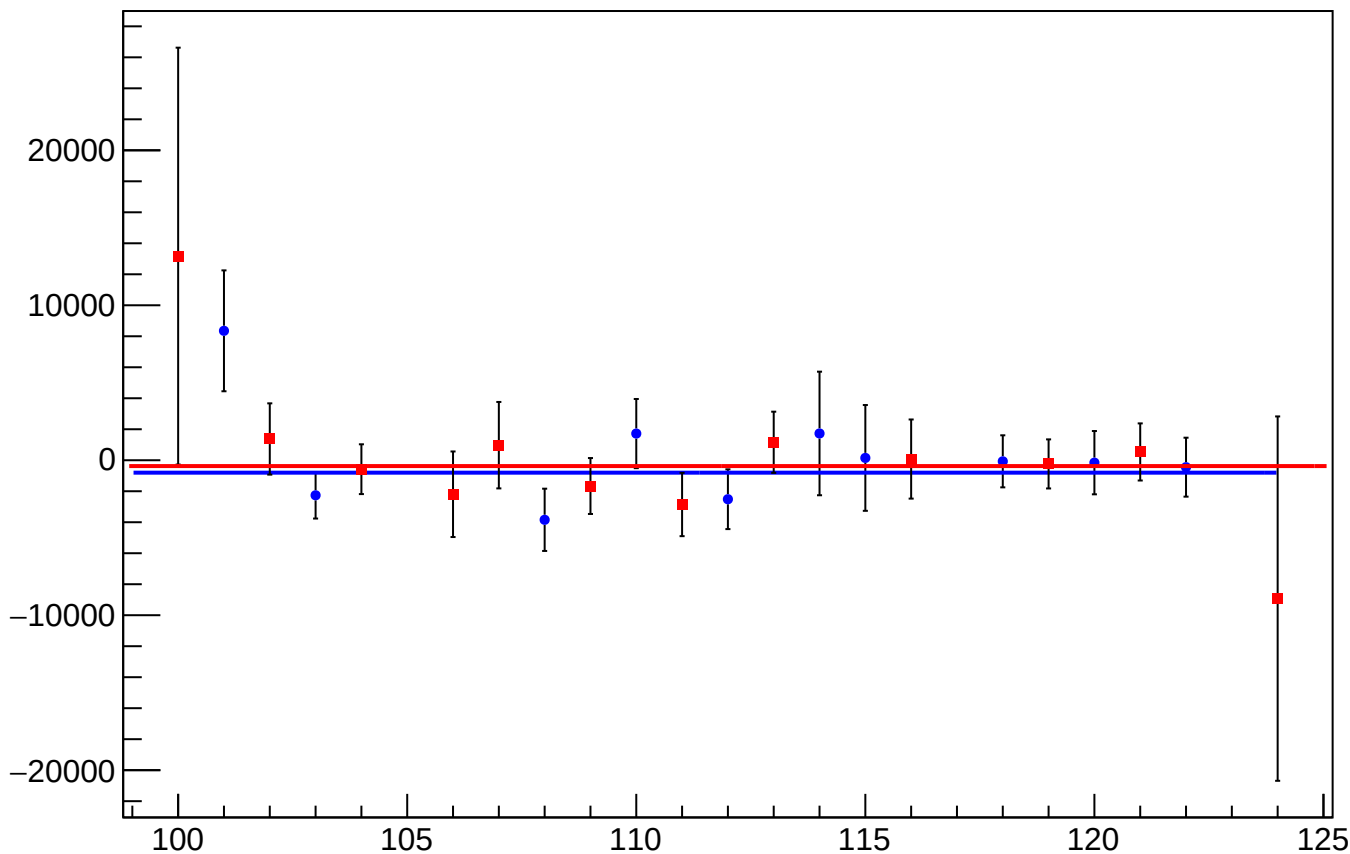
Right: 0.000+/-0.000 χ^2/NDF : 1495534.1/21

In: 0.000+/-0.000 χ^2/NDF : 933535.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1495534.1/21

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -801.633+/-667.256 χ^2 /NDF: 11.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -376.495+/-632.600 χ^2 /NDF: 5.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

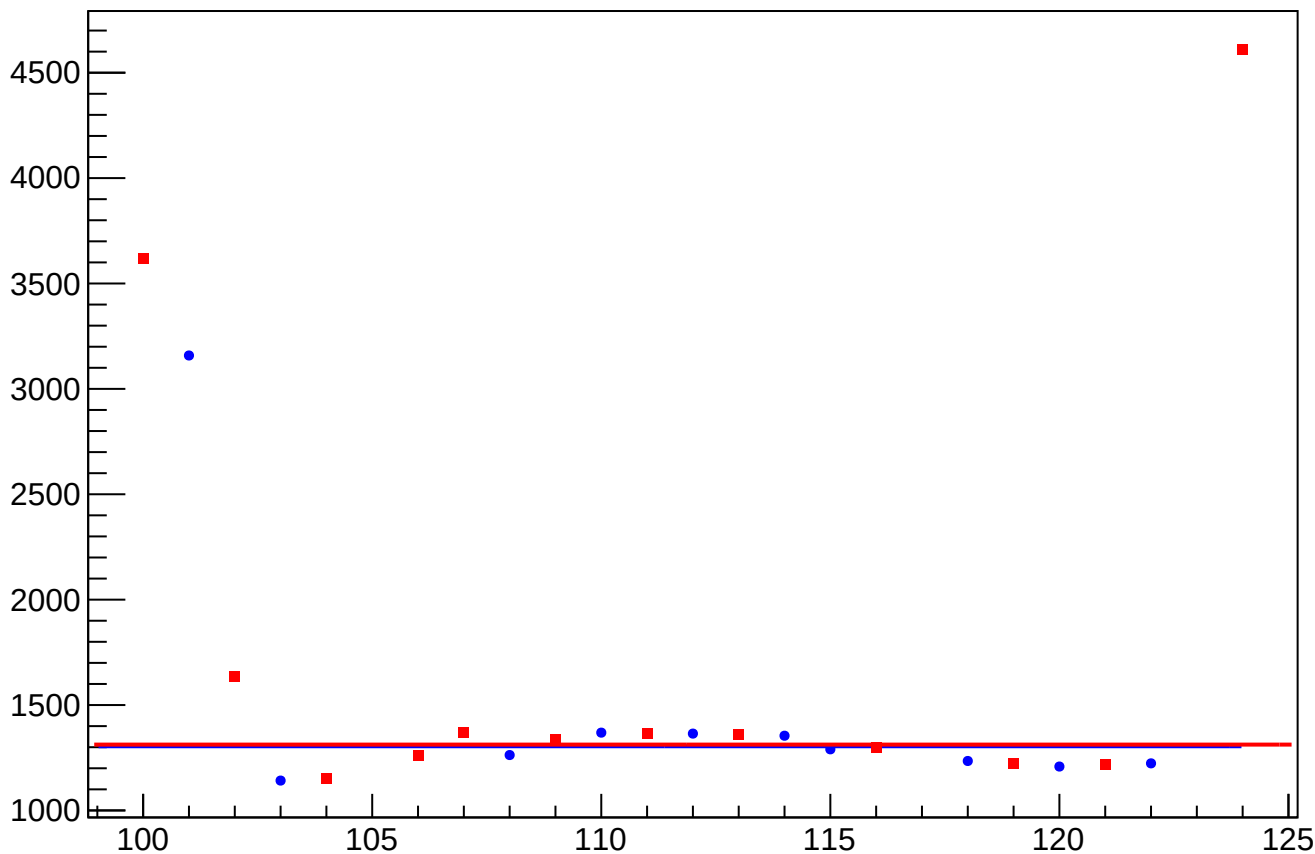
Right: -577.737+/-459.078 χ^2 /NDF: 17.5/21

In: -801.633+/-667.256 χ^2 /NDF:11.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -577.737+/-459.078 χ^2 /NDF: 17.5/21

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.340+/-0.445 χ^2/NDF : 292216.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

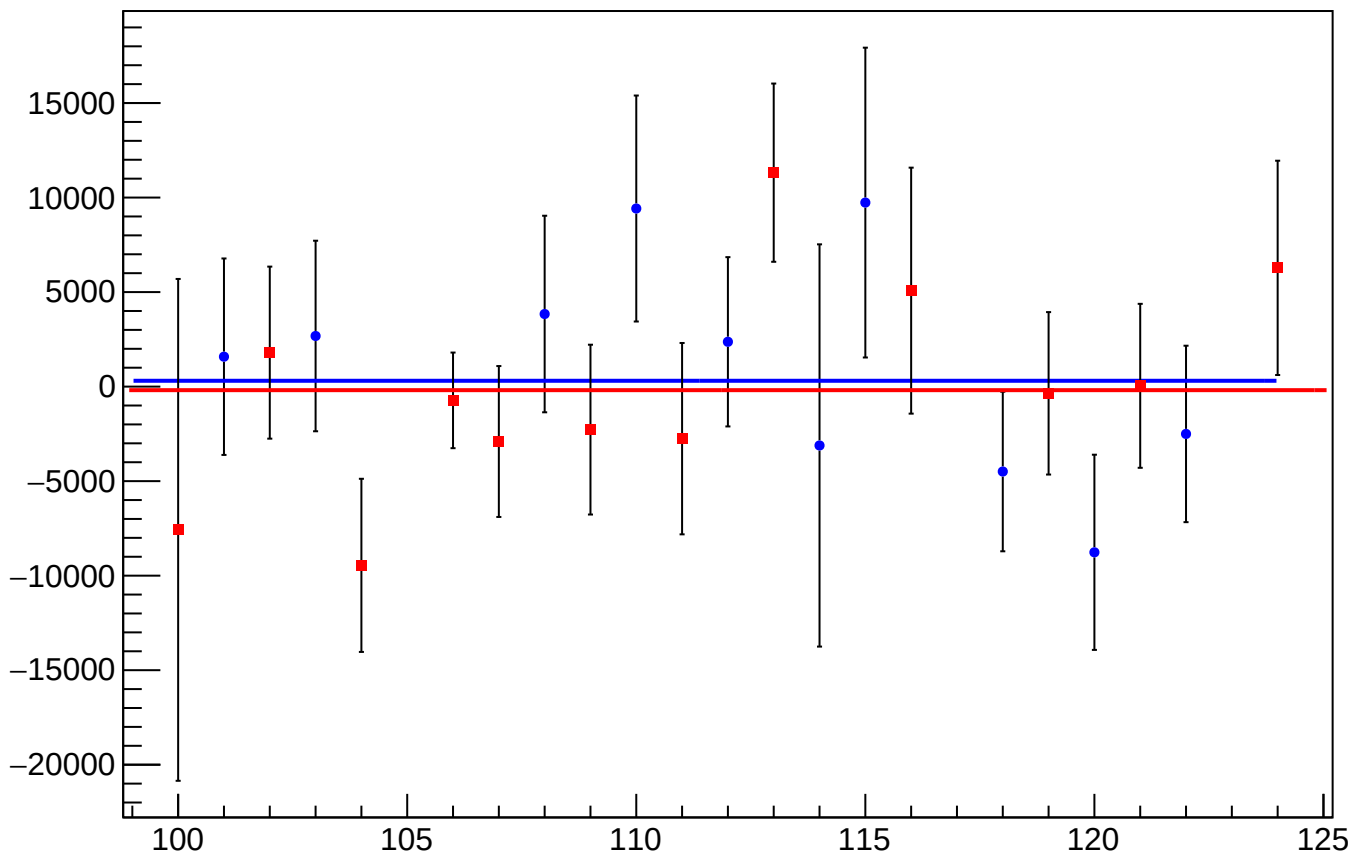
Right: 1308.661+/-0.324 χ^2/NDF : 784154.3/21

In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.661+/-0.324 χ^2/NDF : 784154.3/21

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 308.783+/-1679.275 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.798+/-1273.596 χ^2/NDF : 13.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

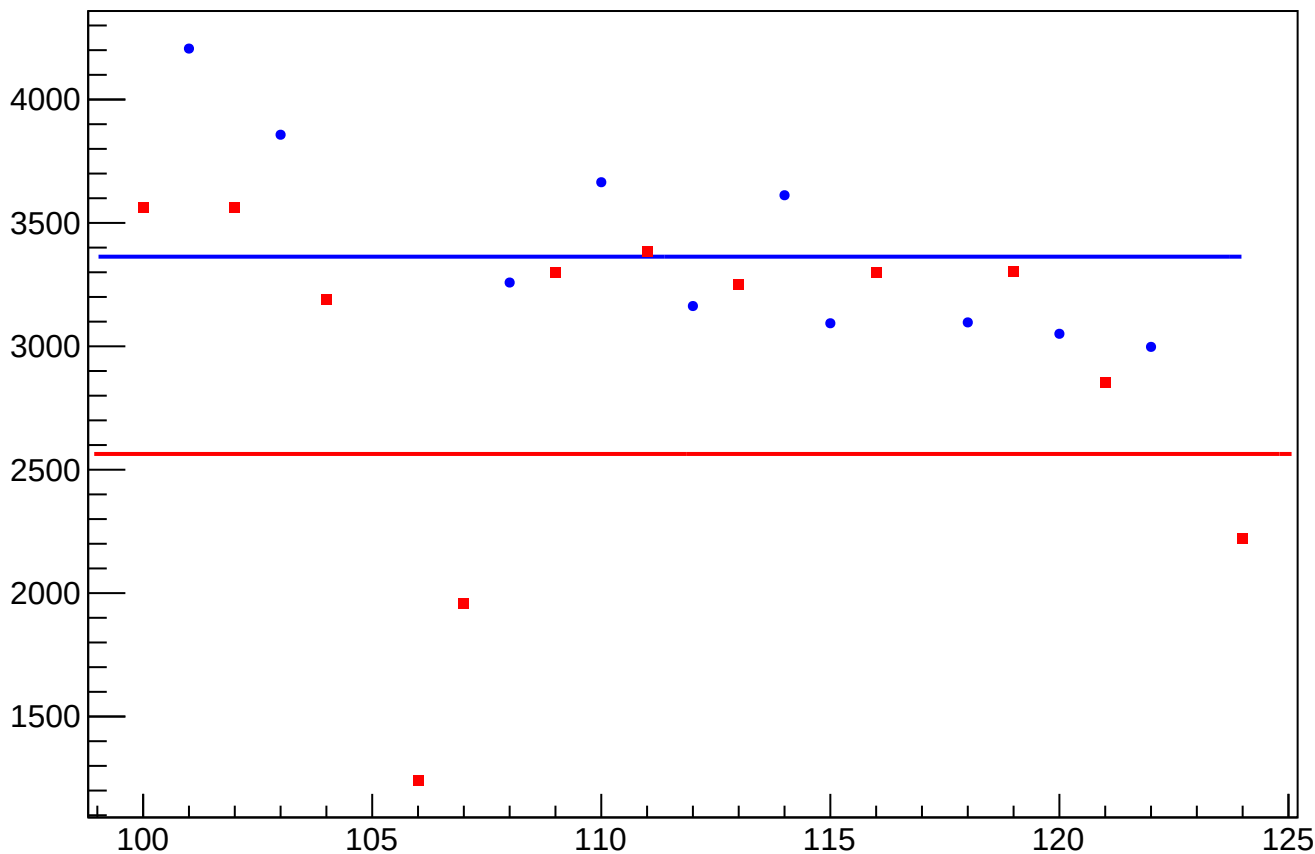
Right: -6.466+/-1014.761 χ^2/NDF : 23.0/21

In: 308.783+/-1679.275 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.466+/-1014.761 χ^2/NDF : 23.0/21

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2563.869+/-0.901 χ^2/NDF : 986937.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

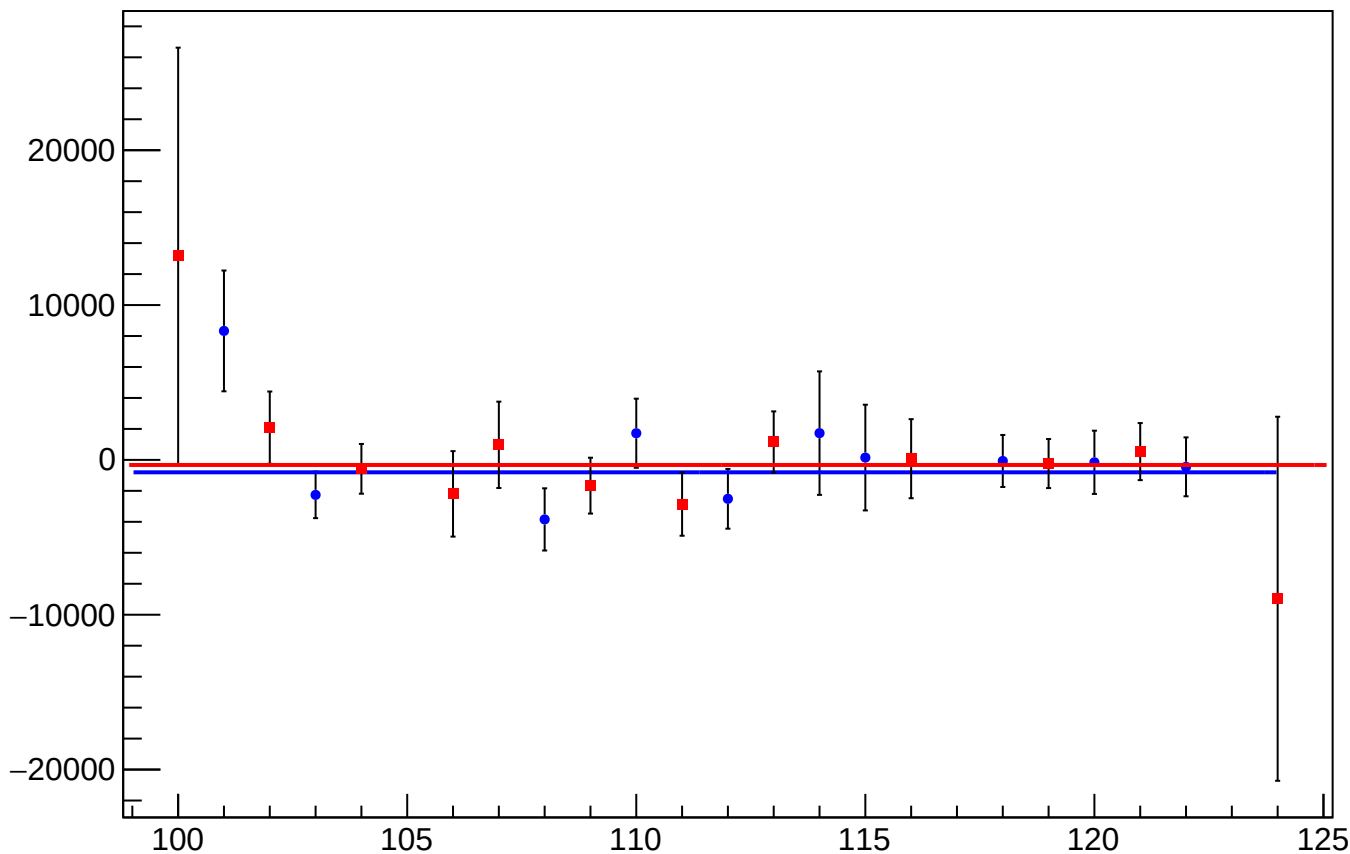
Right: 2855.764+/-0.718 χ^2/NDF : 1387241.6/21

In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2855.764+/-0.718 χ^2/NDF : 1387241.6/21

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -802.348+/-667.256 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -328.391+/-633.306 χ^2/NDF : 6.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

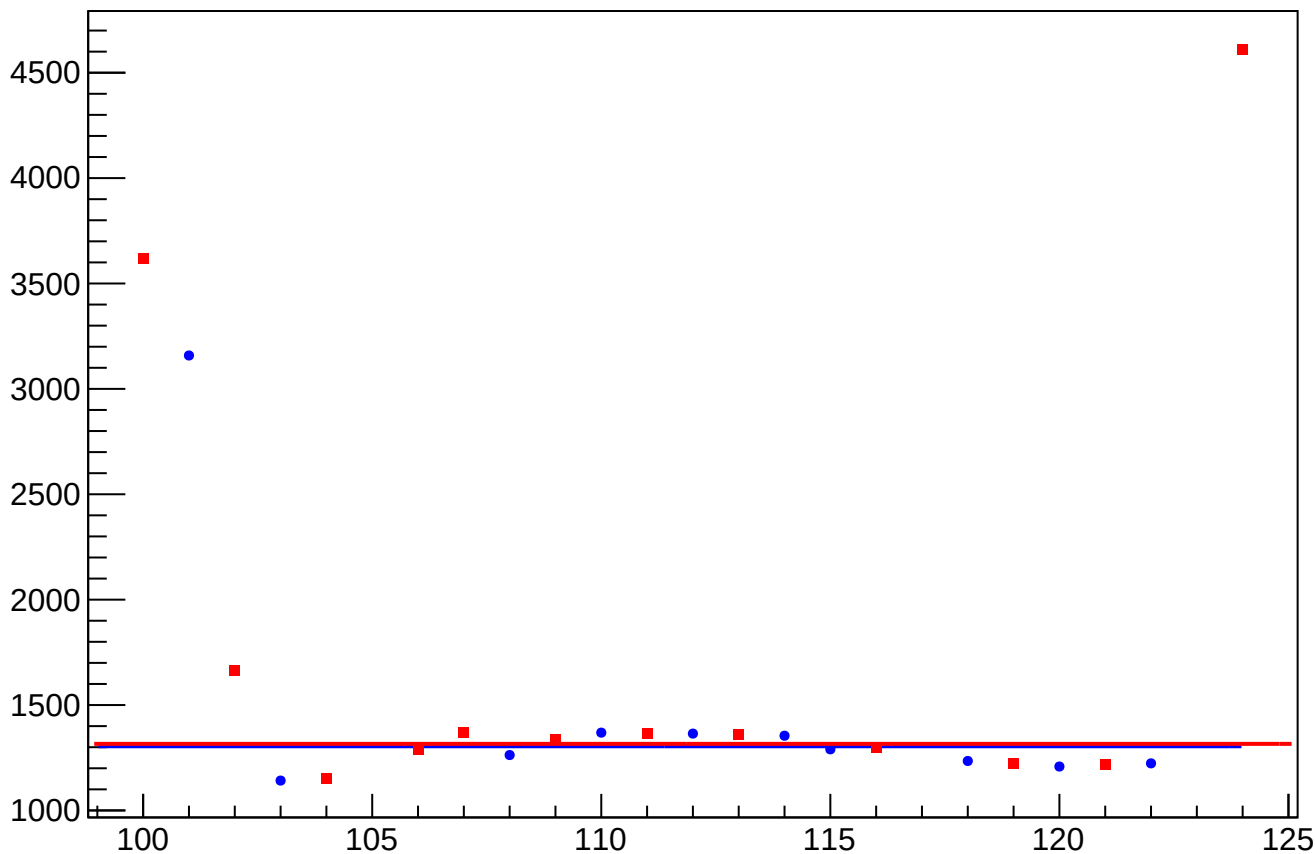
Right: -553.006+/-459.348 χ^2/NDF : 18.1/21

In: -802.348+/-667.256 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -553.006+/-459.348 χ^2/NDF : 18.1/21

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.812+/-0.446 χ^2/NDF : 298251.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

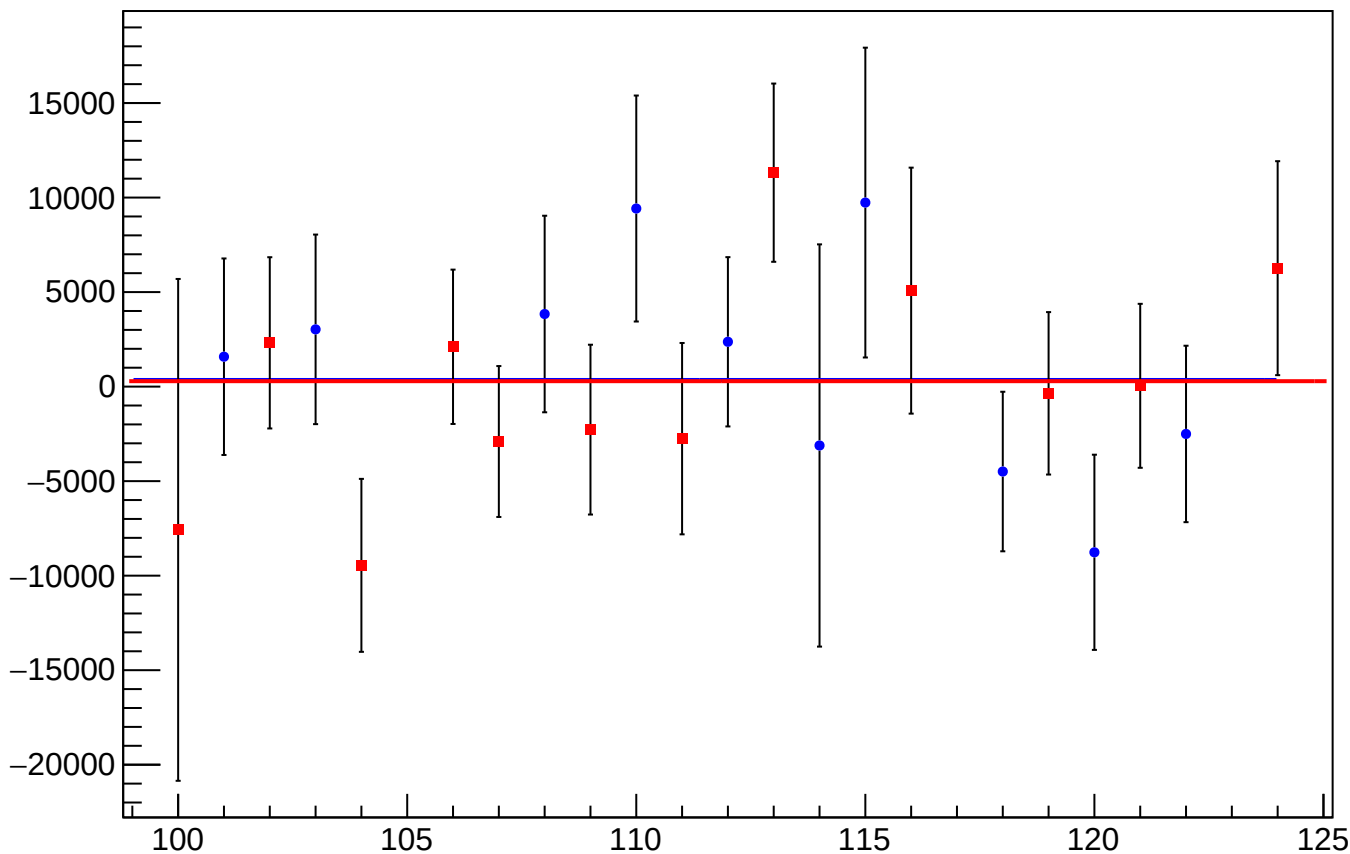
Right: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 287.383+/-1385.697 χ^2/NDF : 13.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

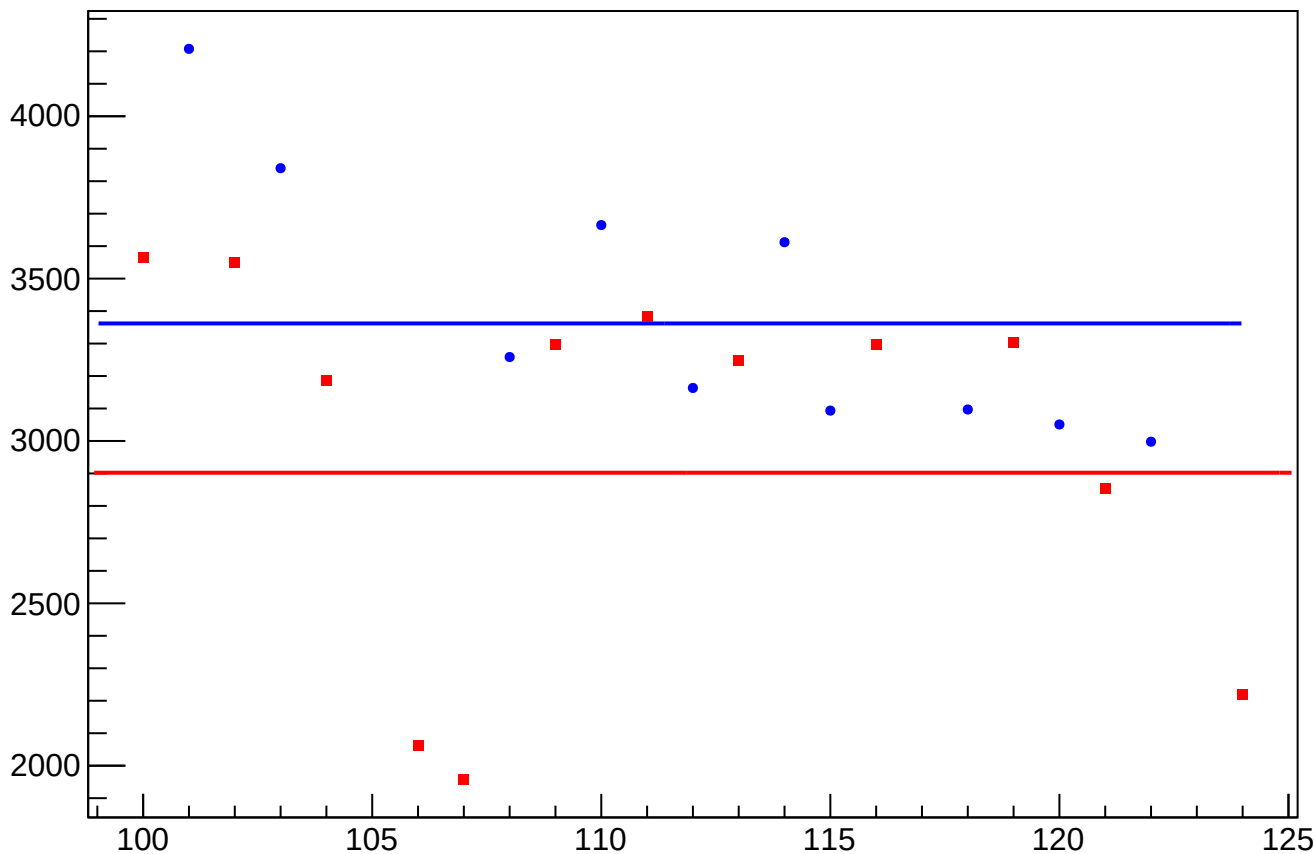
Right: 313.012+/-1068.559 χ^2/NDF : 23.3/21

In: 350.610+/-1678.349 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 313.012+/-1068.559 χ^2/NDF : 23.3/21

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2902.260+/-0.980 χ^2/NDF : 349355.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

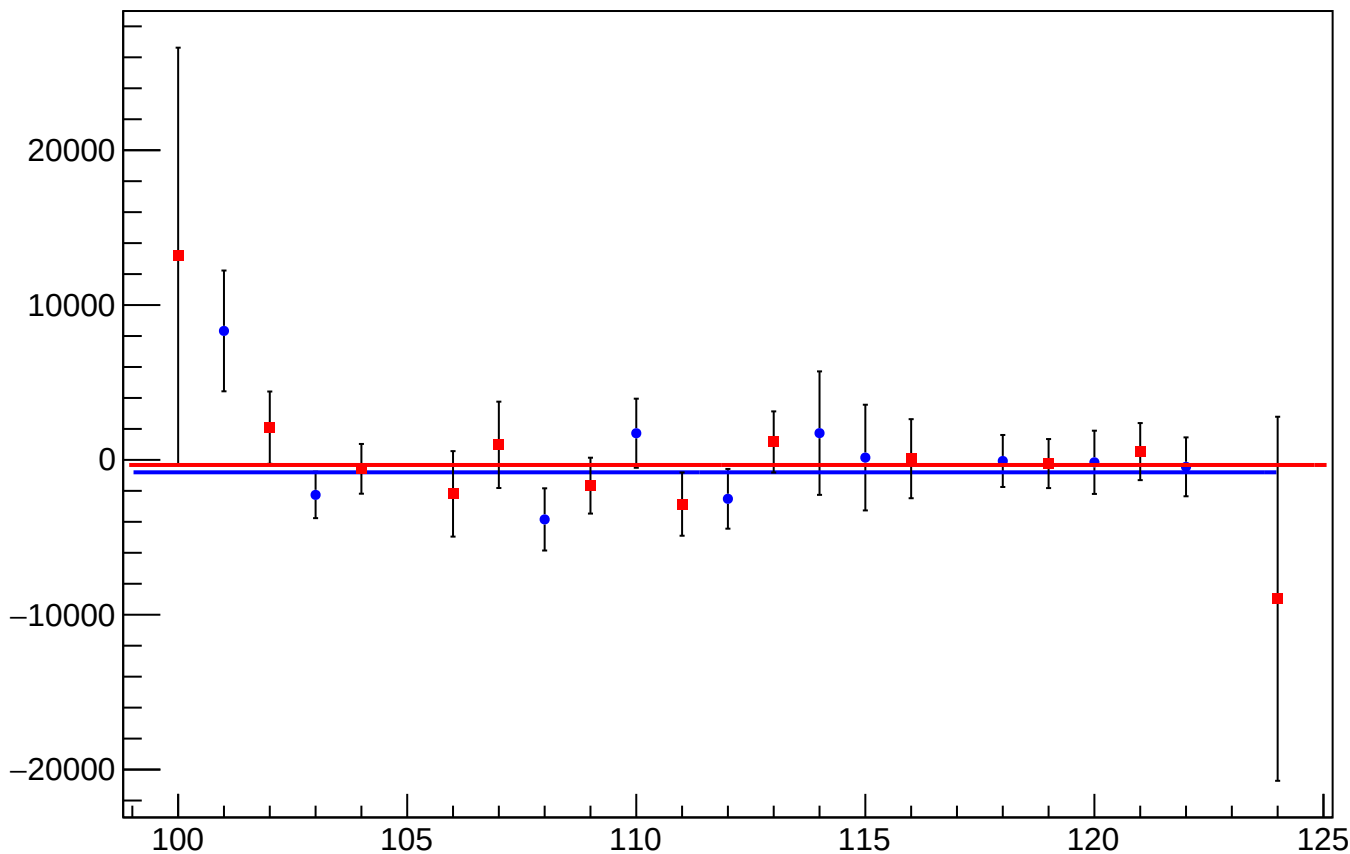
Right: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -802.348+/-667.256 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -328.391+/-633.306 χ^2/NDF : 6.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

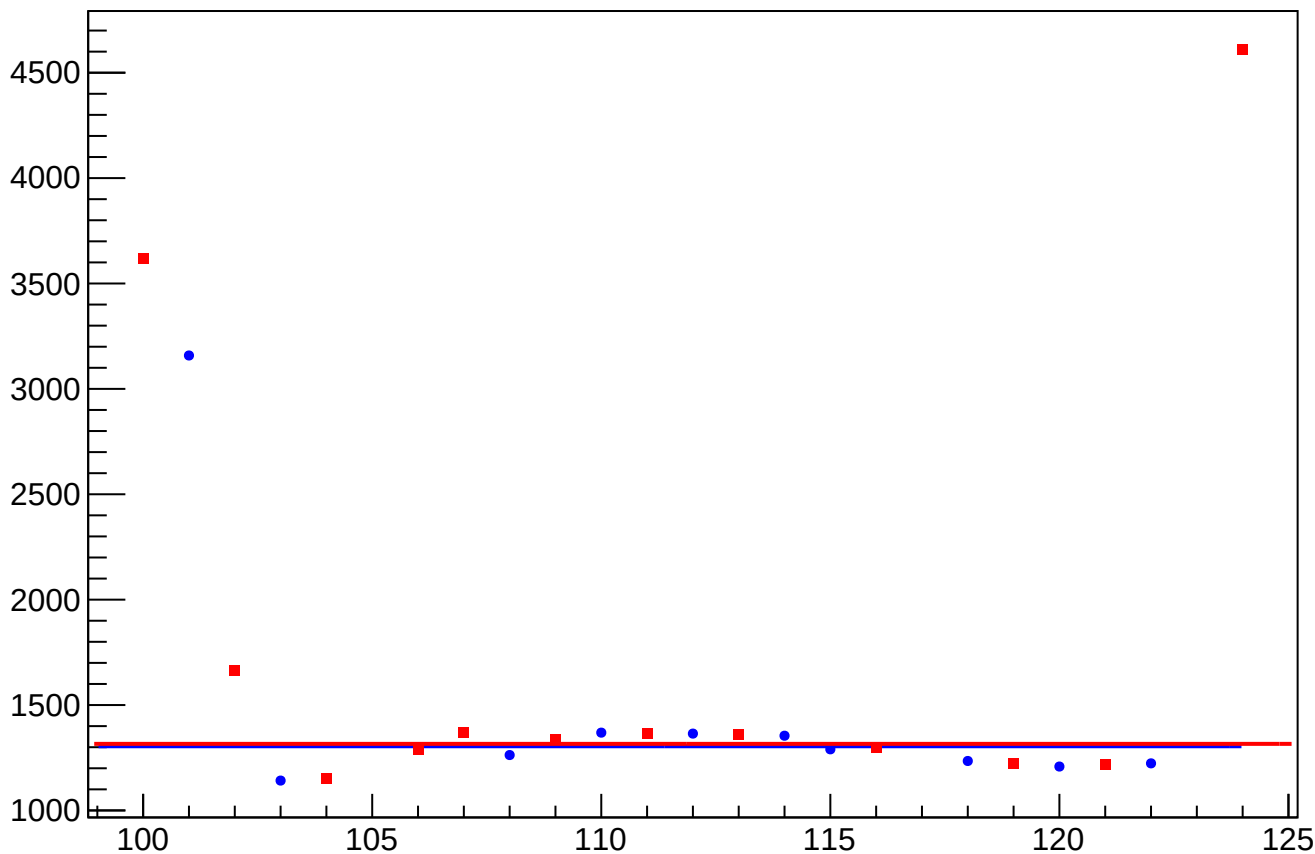
Right: -553.006+/-459.348 χ^2/NDF : 18.1/21

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -553.006+/-459.348 χ^2/NDF : 18.1/21

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.812+/-0.446 χ^2/NDF : 298251.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

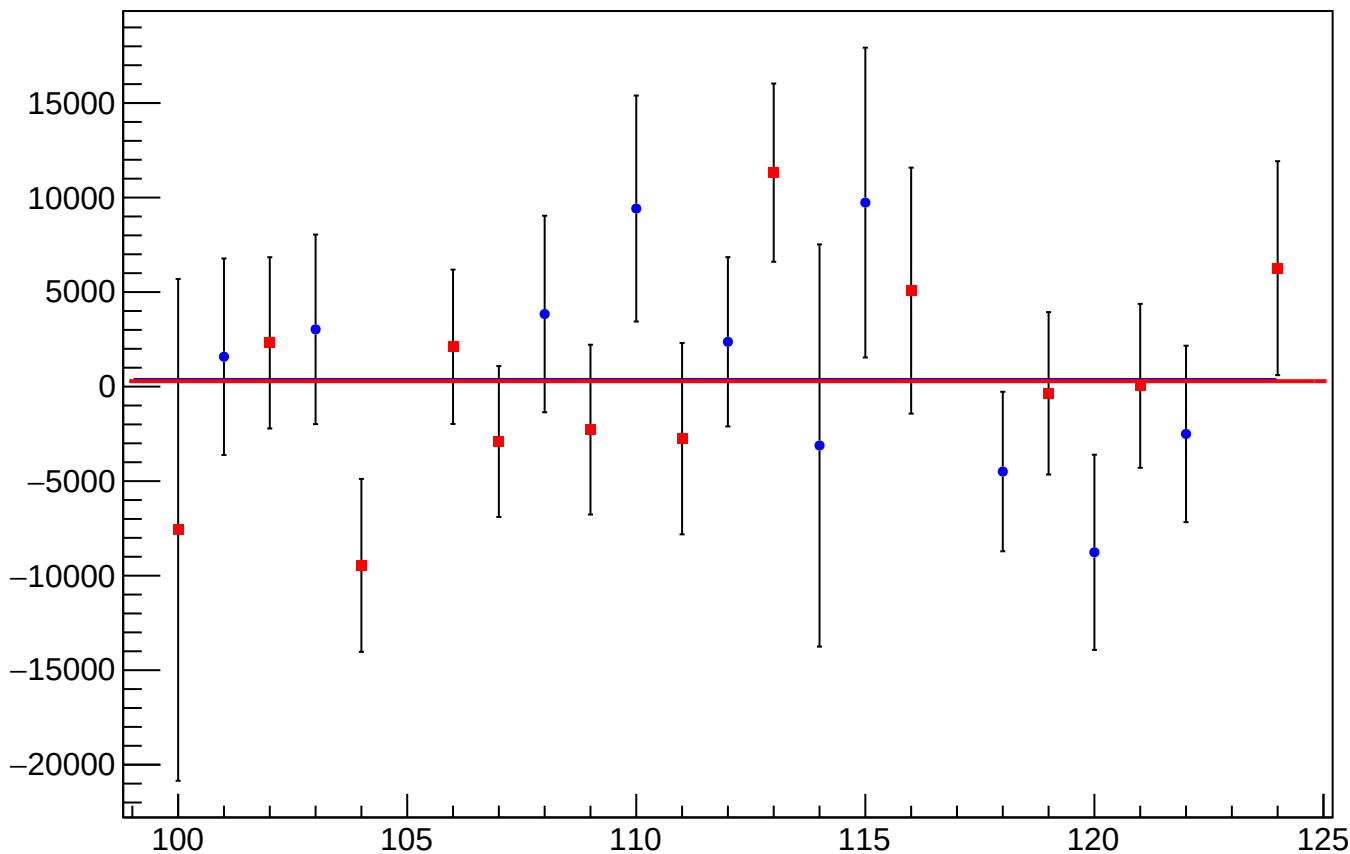
Right: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 287.383+/-1385.697 χ^2/NDF : 13.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

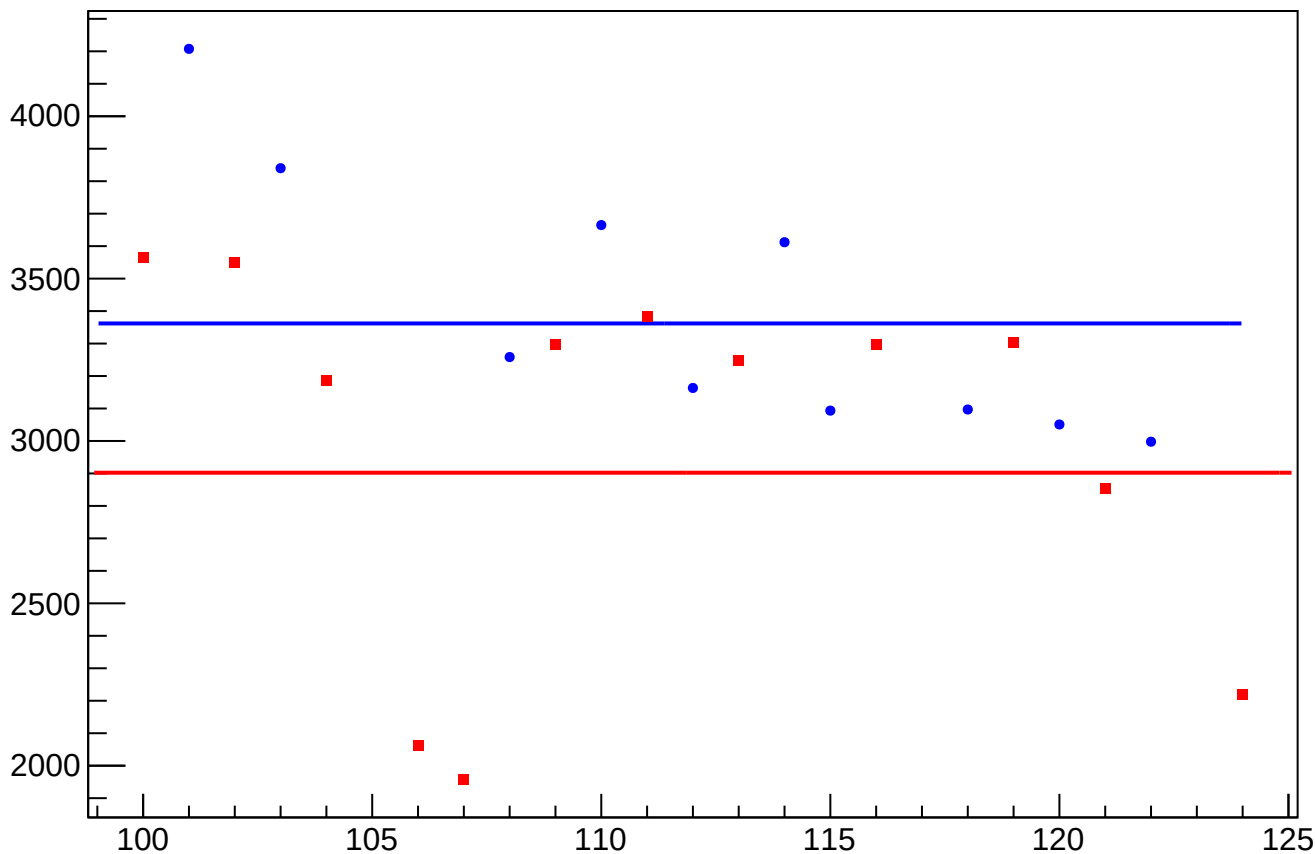
Right: 313.012+/-1068.559 χ^2/NDF : 23.3/21

In: 350.610+/-1678.349 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 313.012+/-1068.559 χ^2/NDF : 23.3/21

asym_at1_avg_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2902.260+/-0.980 χ^2/NDF : 349355.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

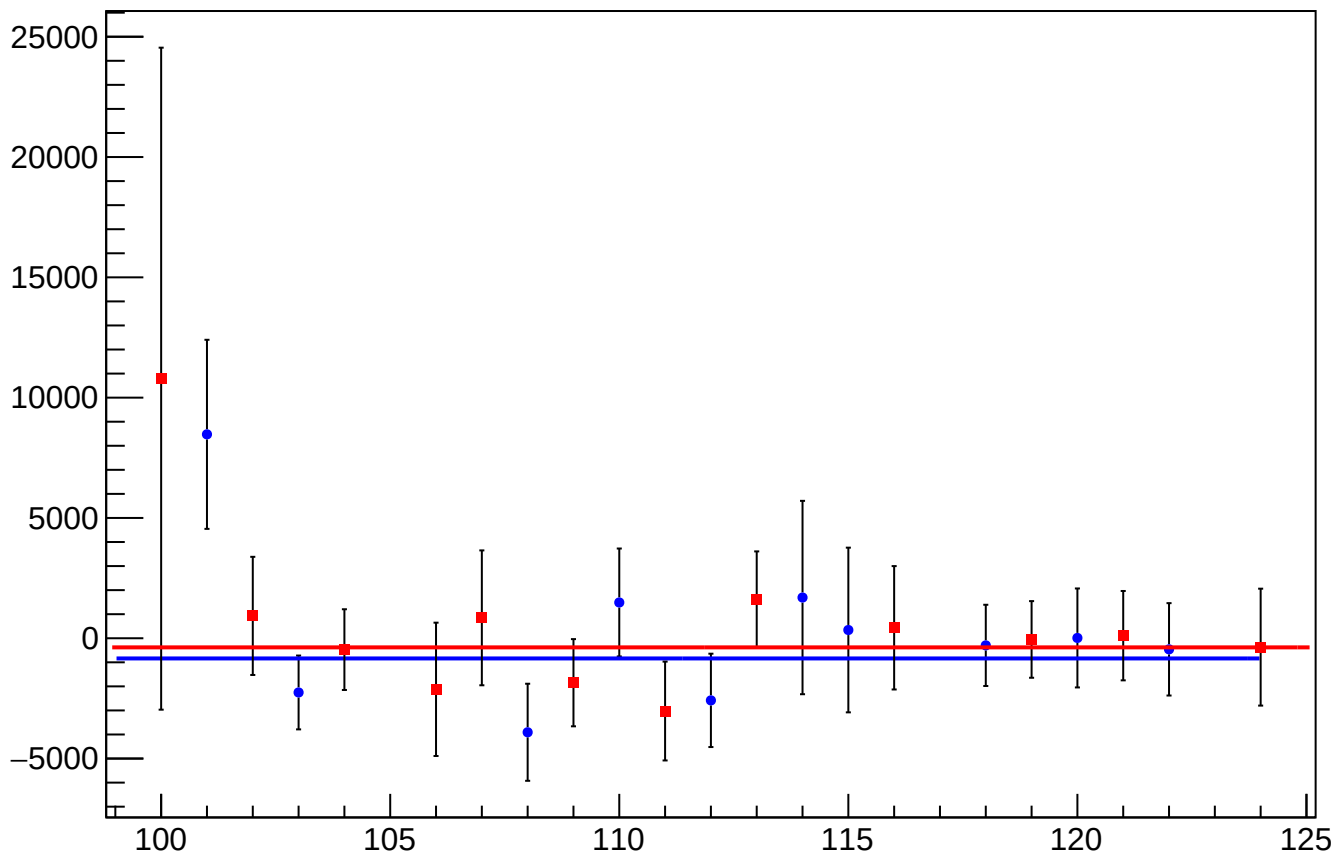
Right: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -839.228+/-673.294 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -379.130+/-622.043 χ^2/NDF : 5.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

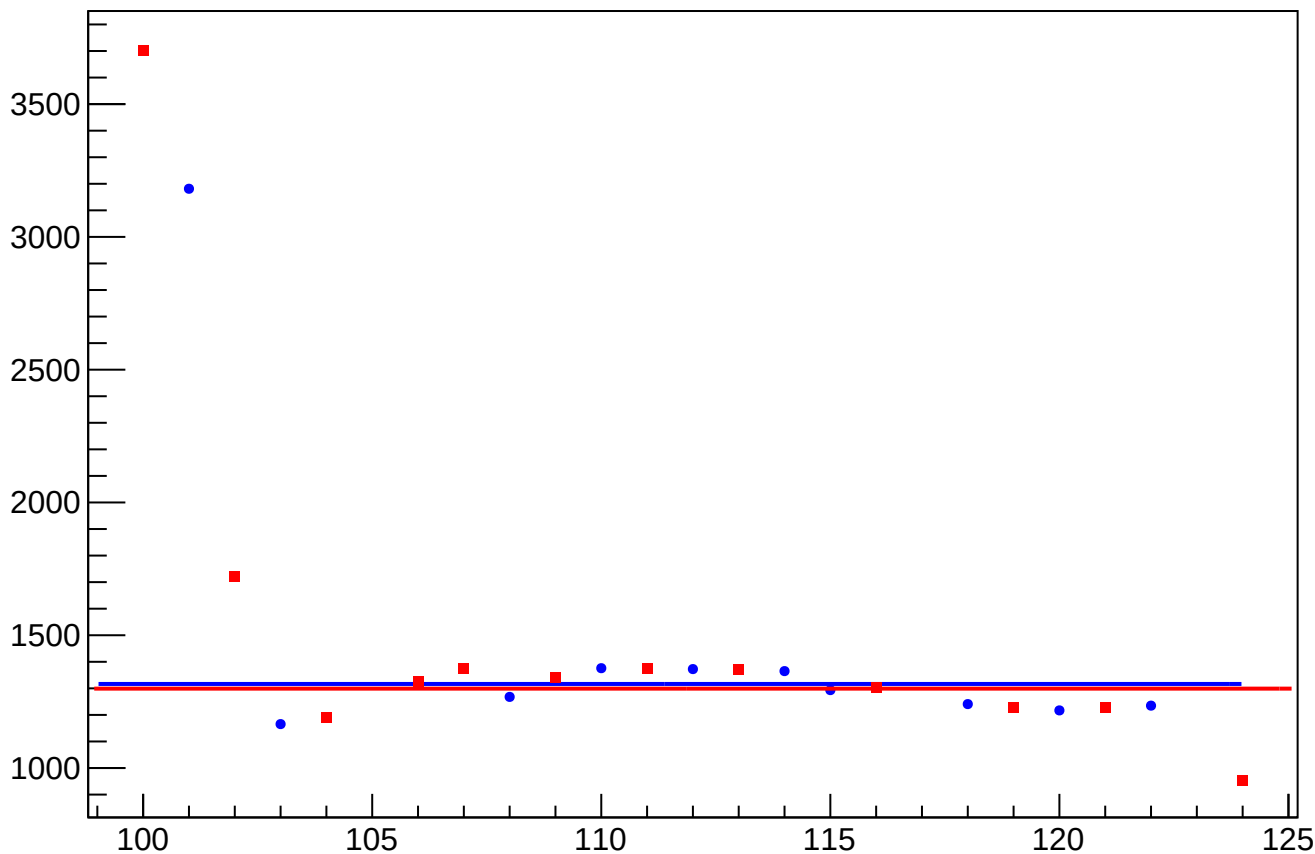
Right: -591.003+/-456.897 χ^2/NDF : 16.8/21

In: -839.228+/-673.294 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -591.003+/-456.897 χ^2/NDF : 16.8/21

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1316.587+/-0.476 χ^2/NDF : 486821.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.988+/-0.439 χ^2/NDF : 183990.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

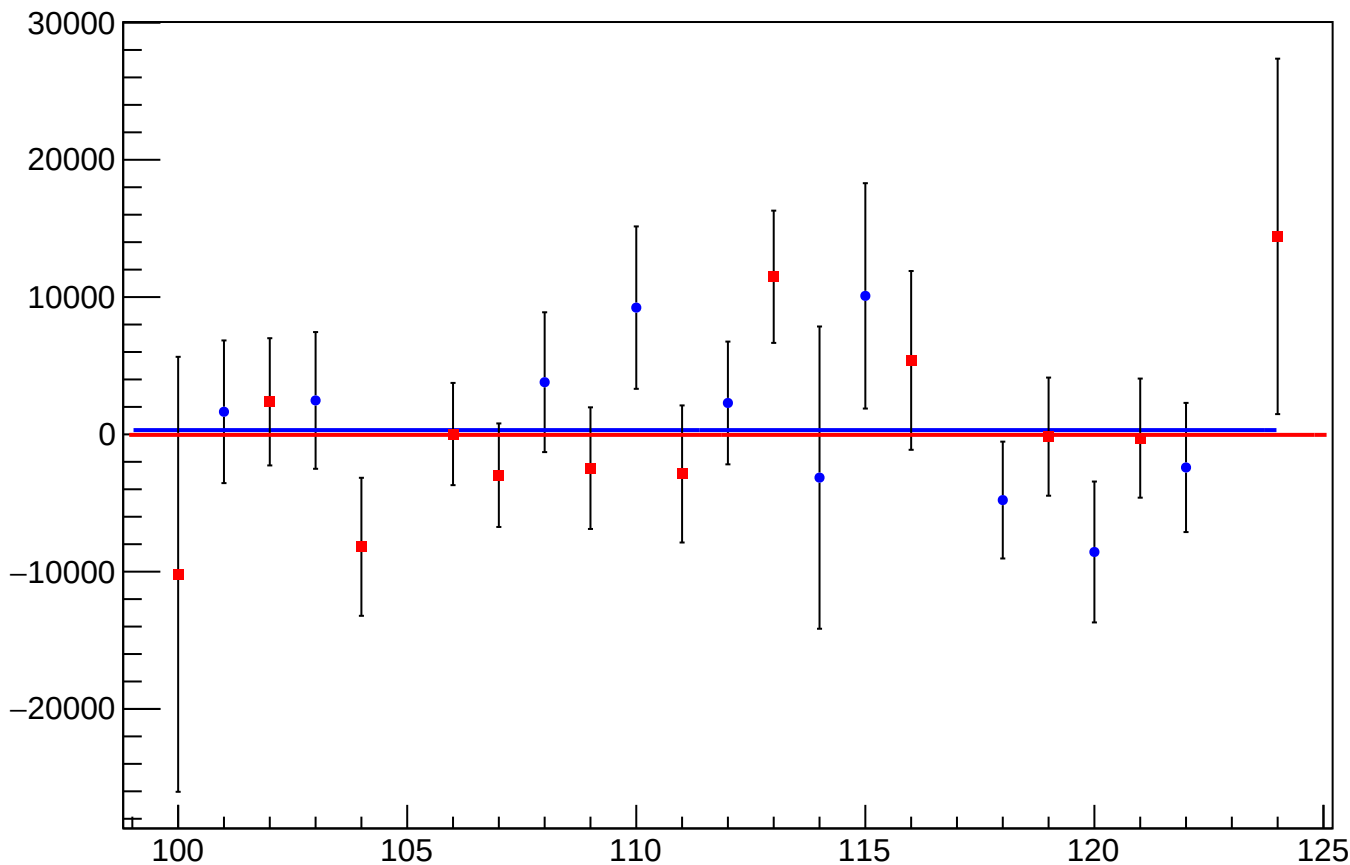
Right: 1307.082+/-0.323 χ^2/NDF : 671550.0/21

In: 1316.587+/-0.476 χ^2/NDF : 486821.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.082+/-0.323 χ^2/NDF : 671550.0/21

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 310.805+/-1675.980 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.707+/-1409.305 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

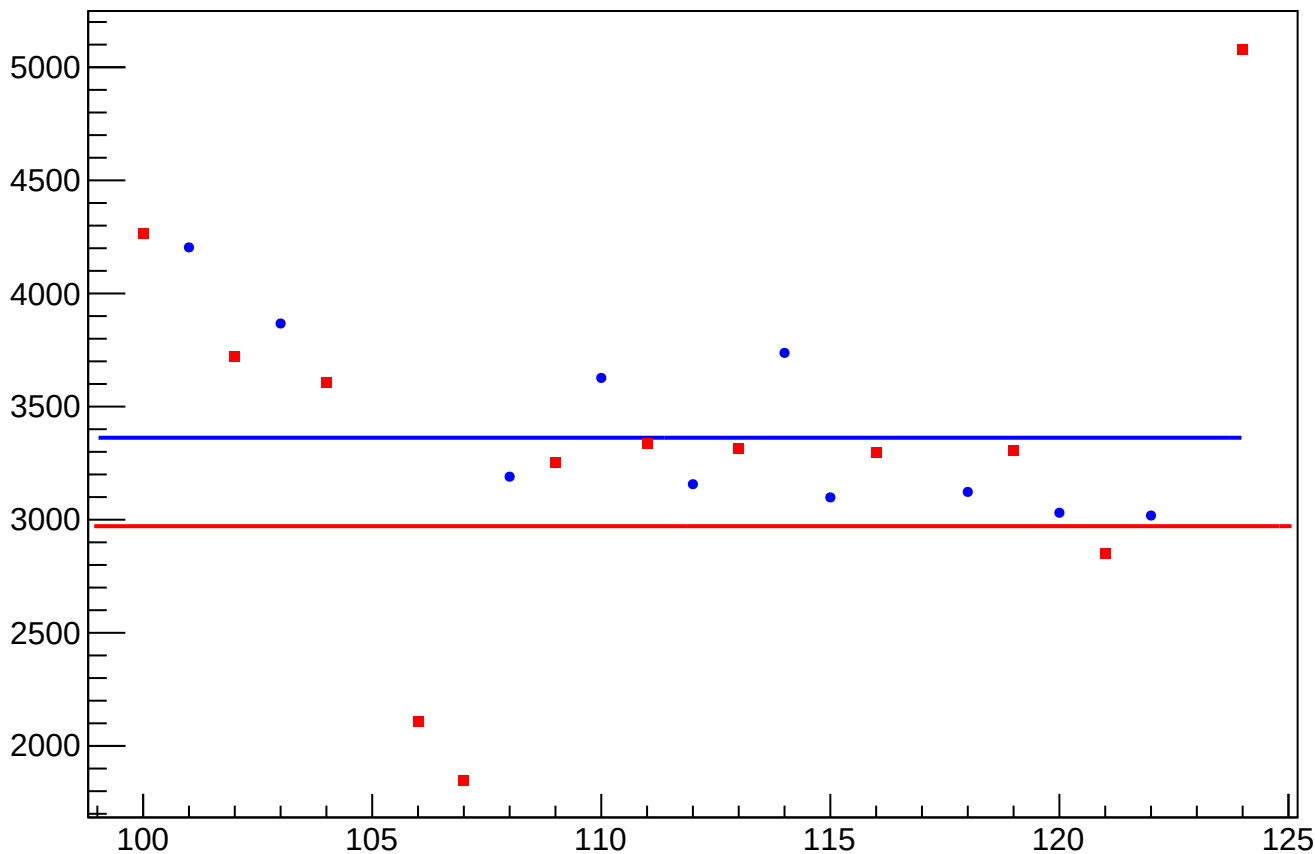
Right: 107.235+/-1078.642 χ^2/NDF : 21.7/21

In: 310.805+/-1675.980 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.235+/-1078.642 χ^2/NDF : 21.7/21

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2971.436+/-0.997 χ^2/NDF : 483469.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

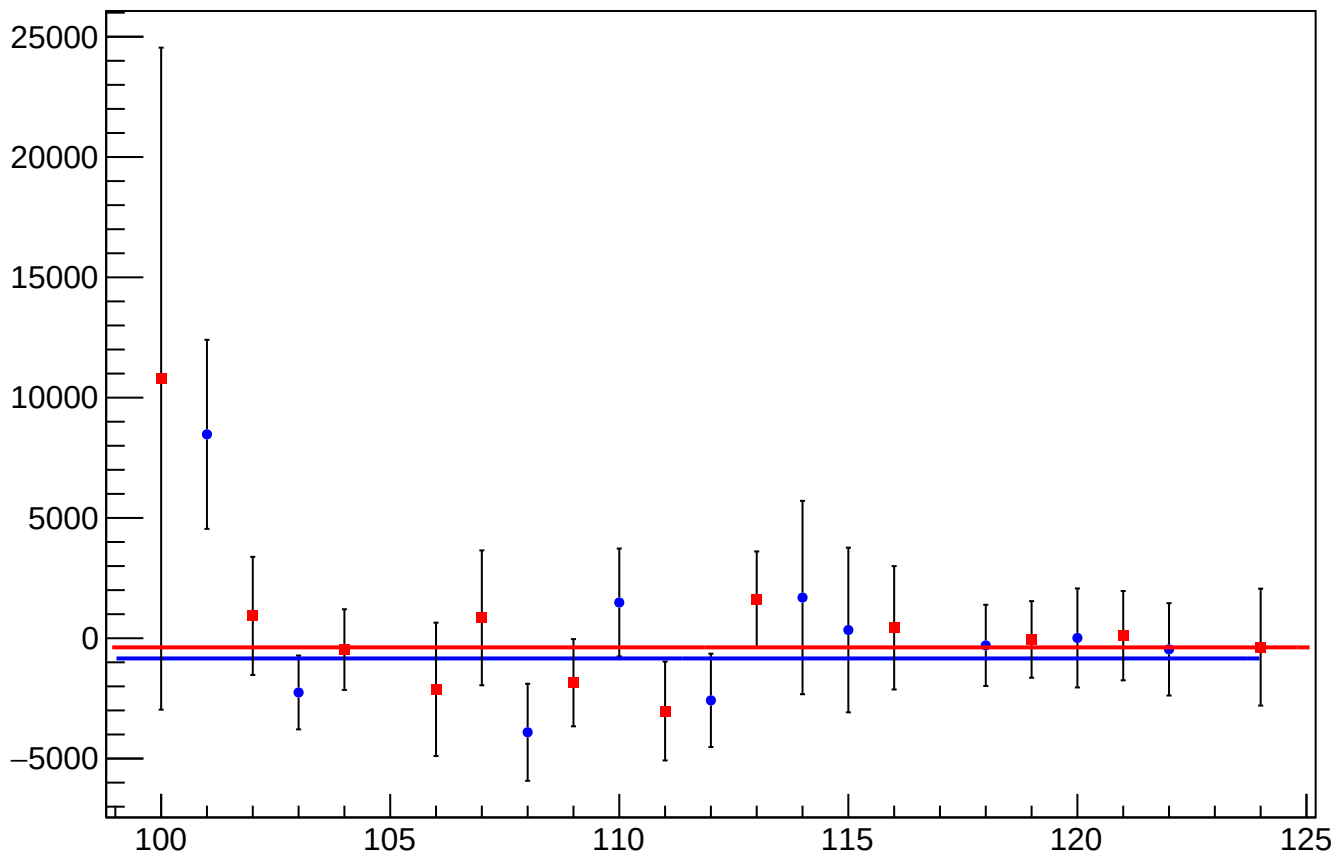
Right: 3133.366+/-0.763 χ^2/NDF : 660470.6/21

In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.366+/-0.763 χ^2/NDF : 660470.6/21

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -839.225+/-673.294 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -379.140+/-622.043 χ^2/NDF : 5.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

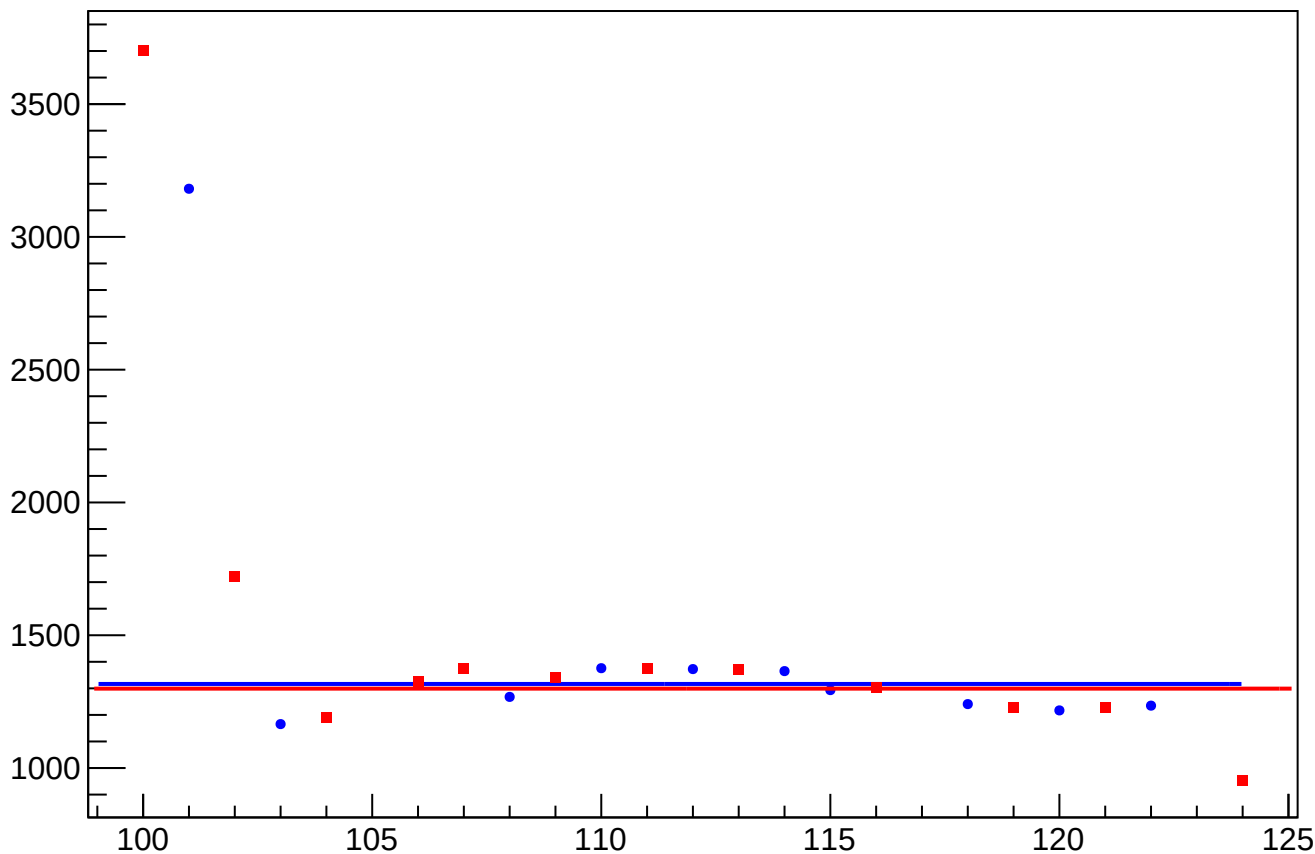
Right: -591.007+/-456.897 χ^2/NDF : 16.8/21

In: -839.225+/-673.294 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -591.007+/-456.897 χ^2/NDF : 16.8/21

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1316.587+/-0.476 χ^2/NDF : 486821.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.988+/-0.439 χ^2/NDF : 183990.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

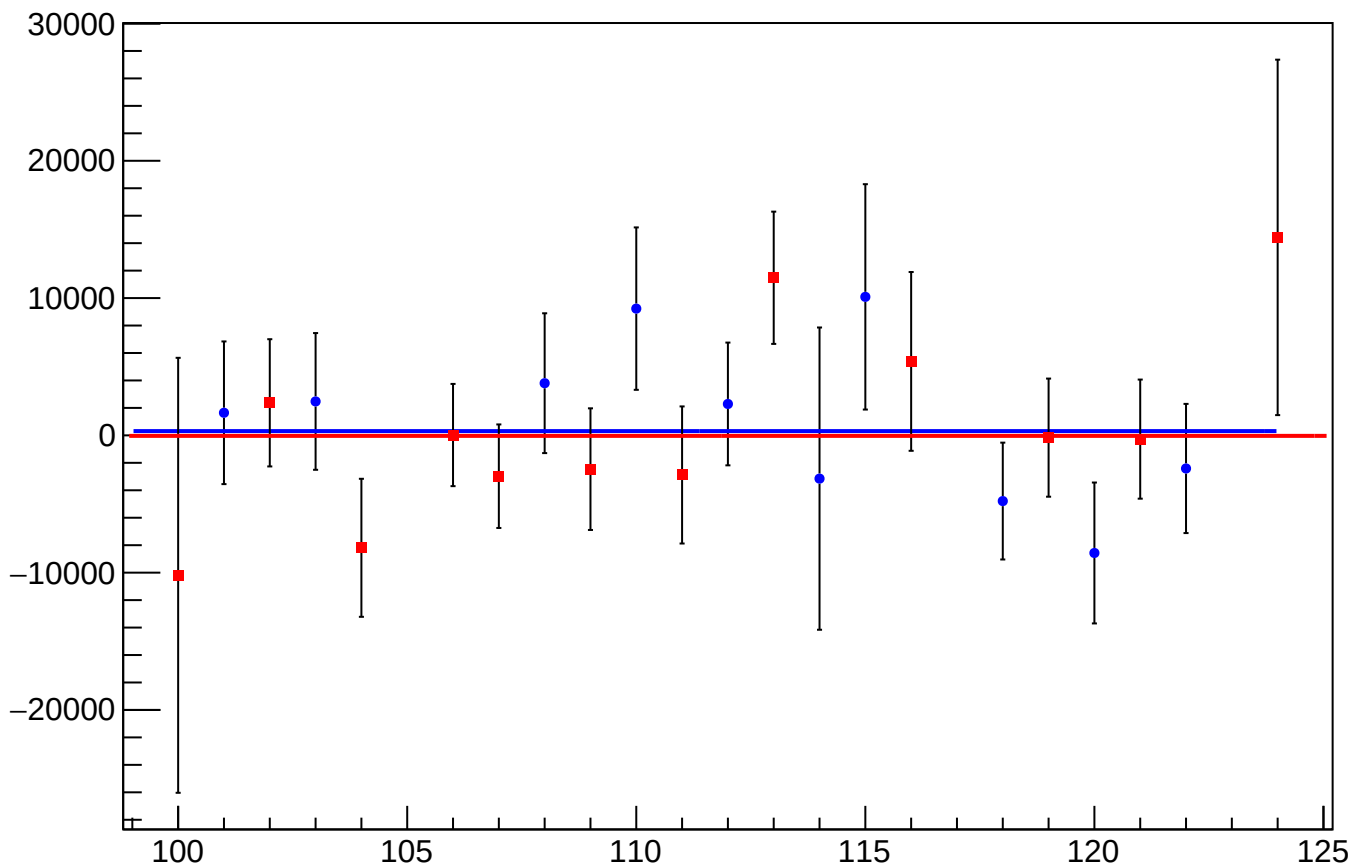
Right: 1307.082+/-0.323 χ^2/NDF : 671550.1/21

In: 1316.587+/-0.476 χ^2/NDF : 486821.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.082+/-0.323 χ^2/NDF : 671550.1/21

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 310.796+/-1675.975 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.711+/-1409.301 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

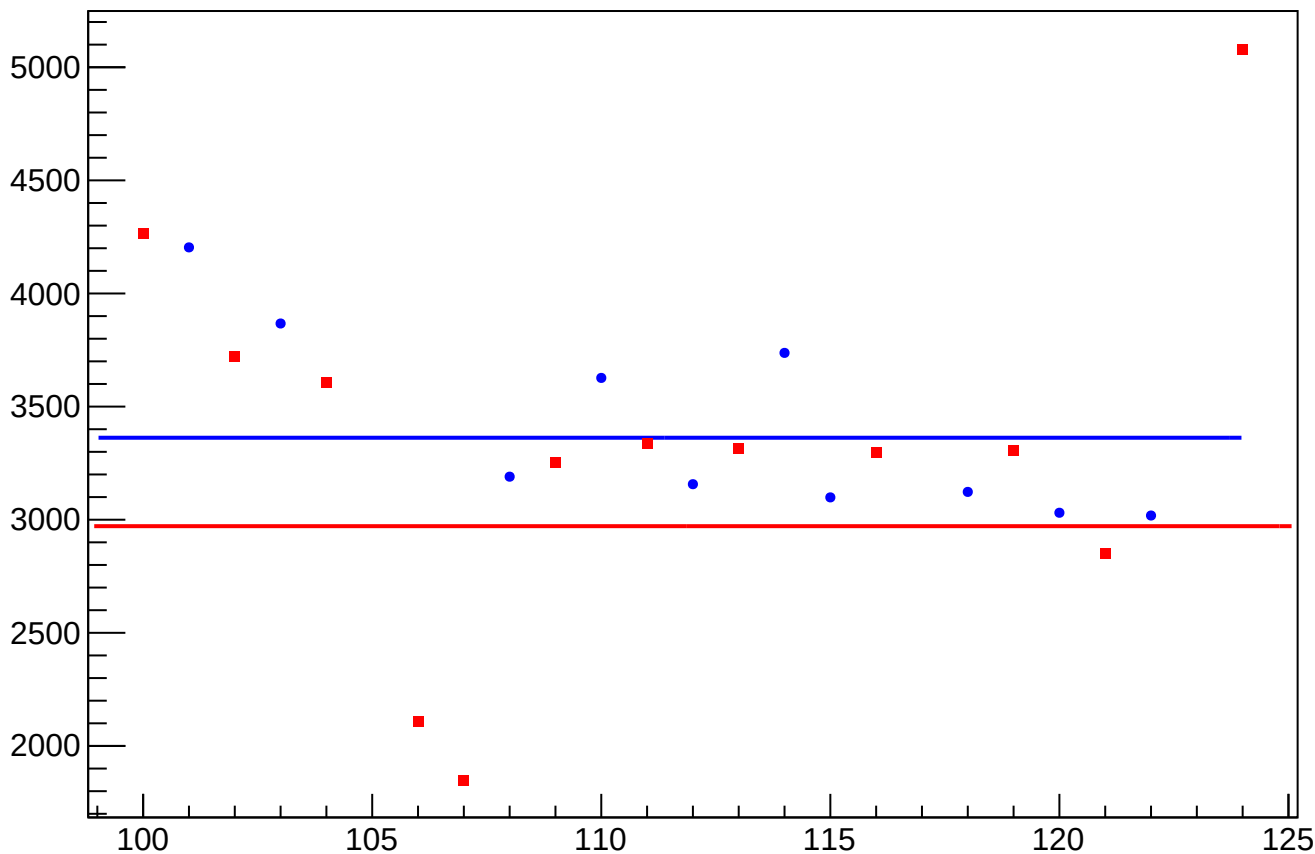
Right: 107.229+/-1078.639 χ^2/NDF : 21.7/21

In: 310.796+/-1675.975 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.229+/-1078.639 χ^2/NDF : 21.7/21

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2971.428+/-0.997 χ^2/NDF : 483472.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

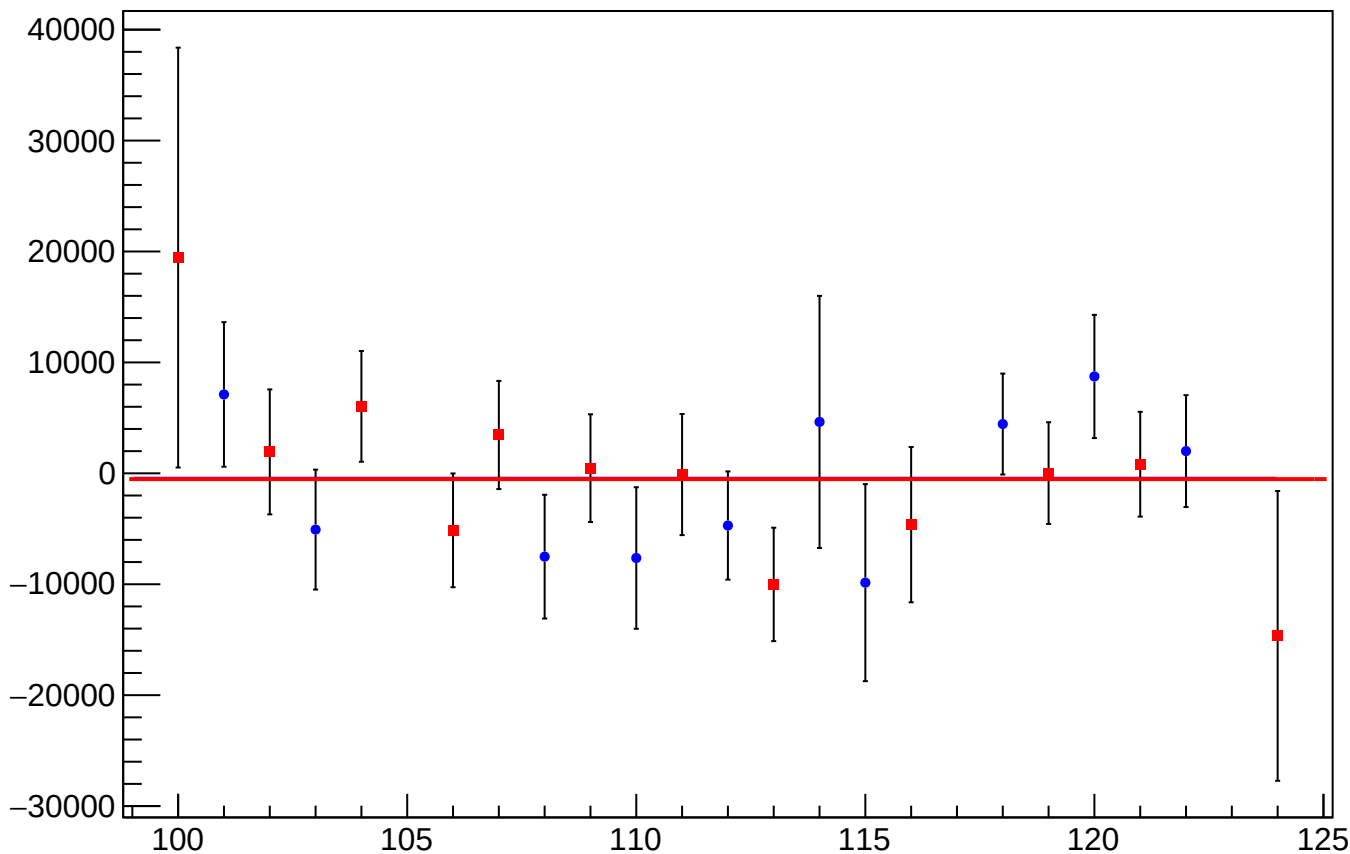
Right: 3133.357+/-0.763 χ^2/NDF : 660475.0/21

In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.357+/-0.763 χ^2/NDF : 660475.0/21

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -521.763+/-1606.770 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

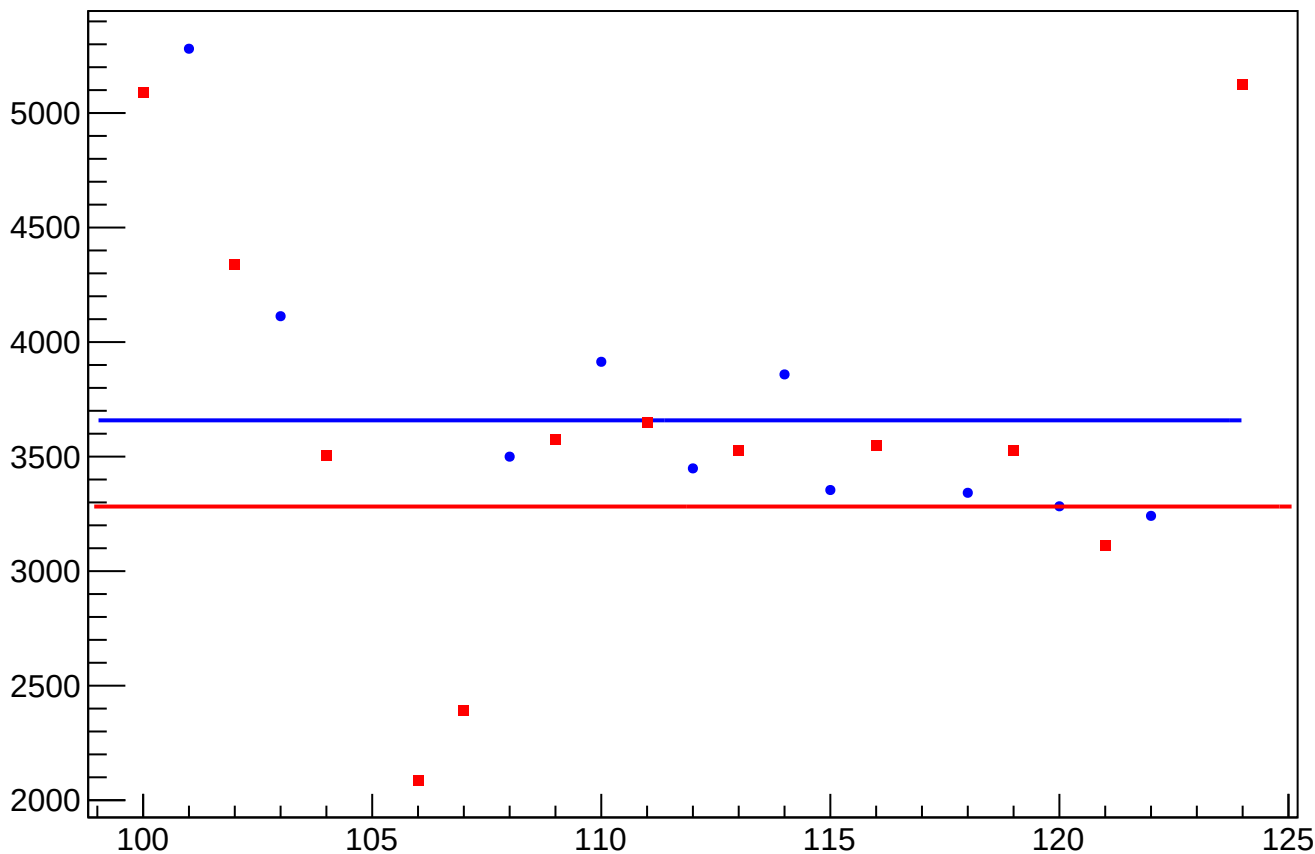
Right: -507.398+/-1208.945 χ^2/NDF : 20.8/21

In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.398+/-1208.945 χ^2/NDF : 20.8/21

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3282.046+/-1.114 χ^2/NDF : 383523.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

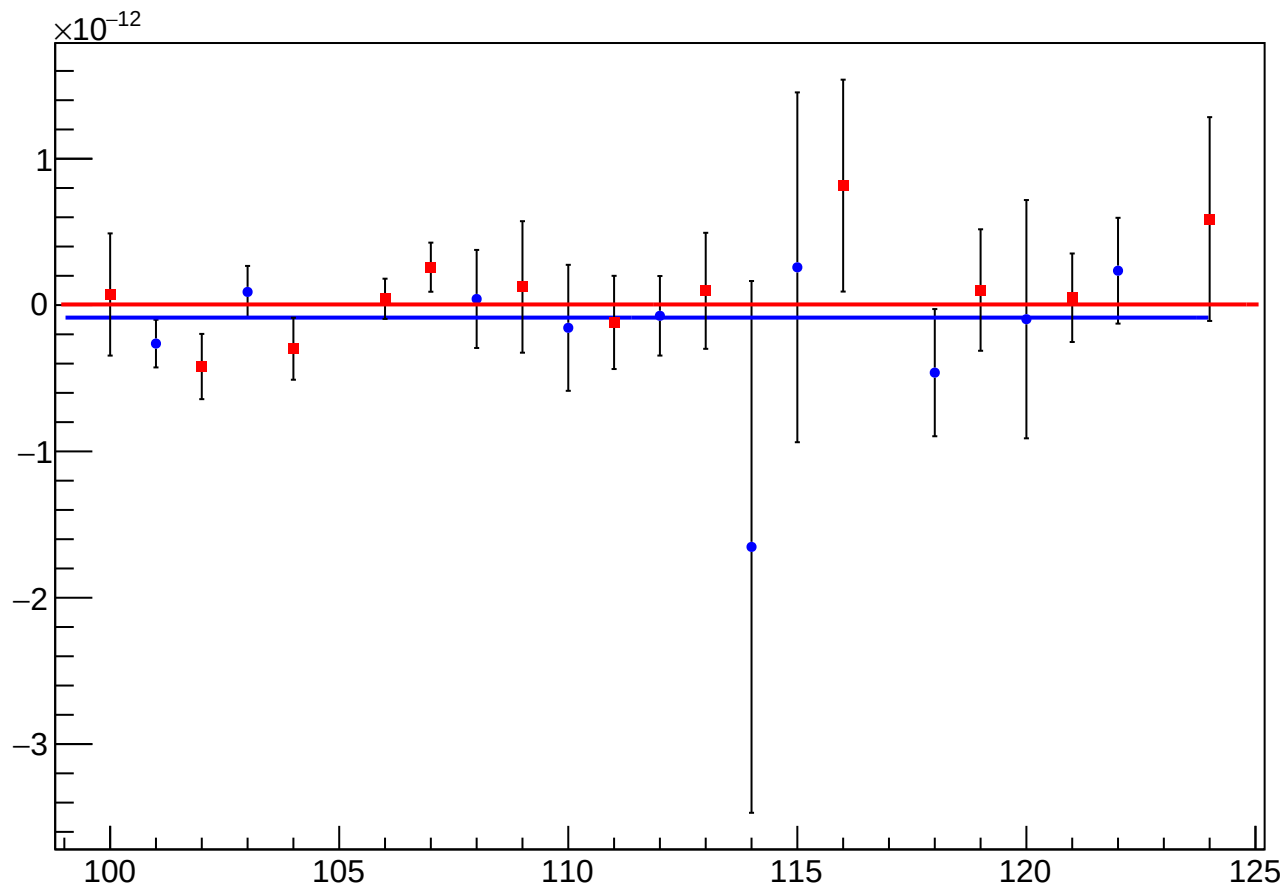
Right: 3441.672+/-0.845 χ^2/NDF : 613928.0/21

In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3441.672+/-0.845 χ^2/NDF : 613928.0/21

asym_at1_avg_at2_avg_dd_reg_vs_Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

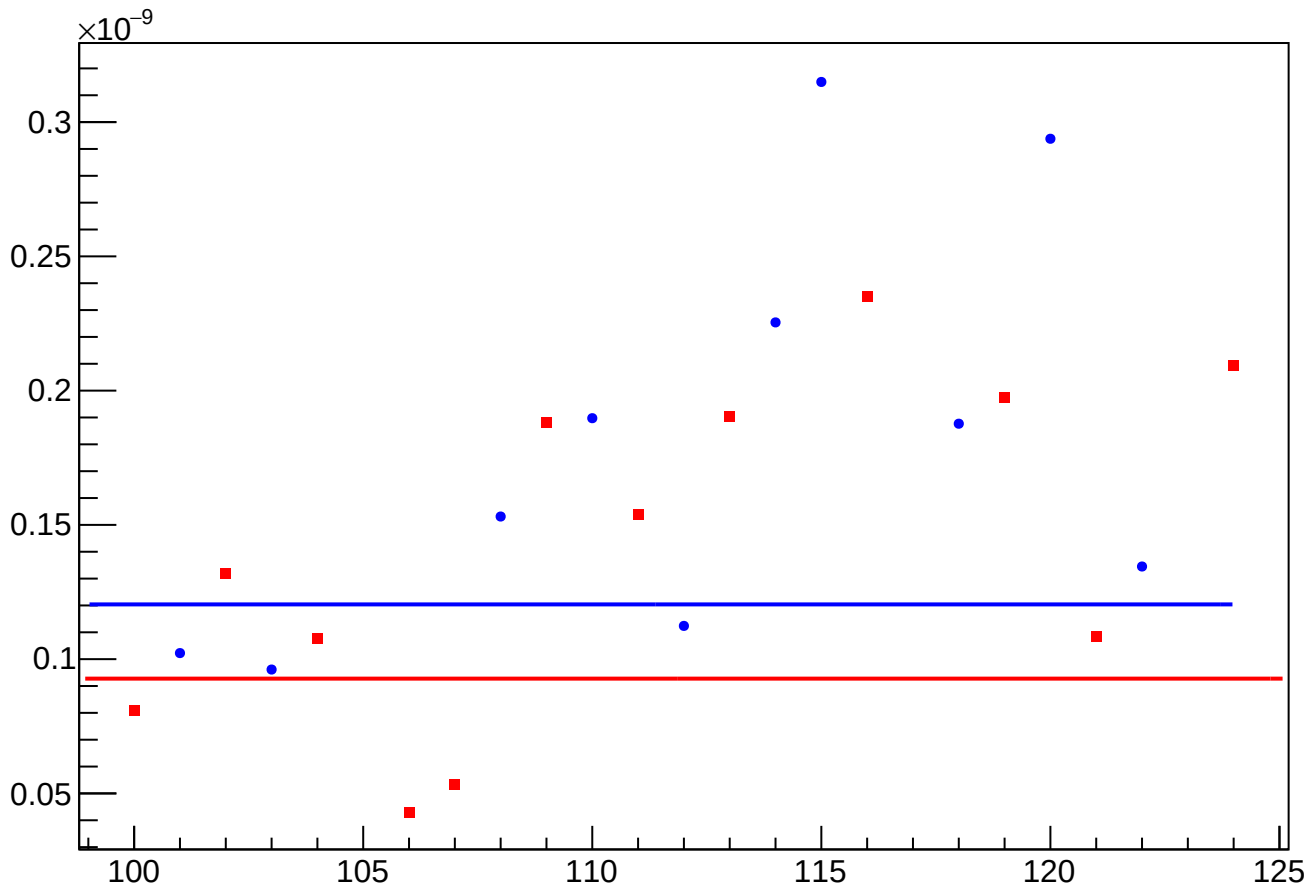
Right: -0.000+/-0.000 χ^2/NDF : 15.6/21

In: -0.000+/-0.000 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.6/21

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 336127.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 997695.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

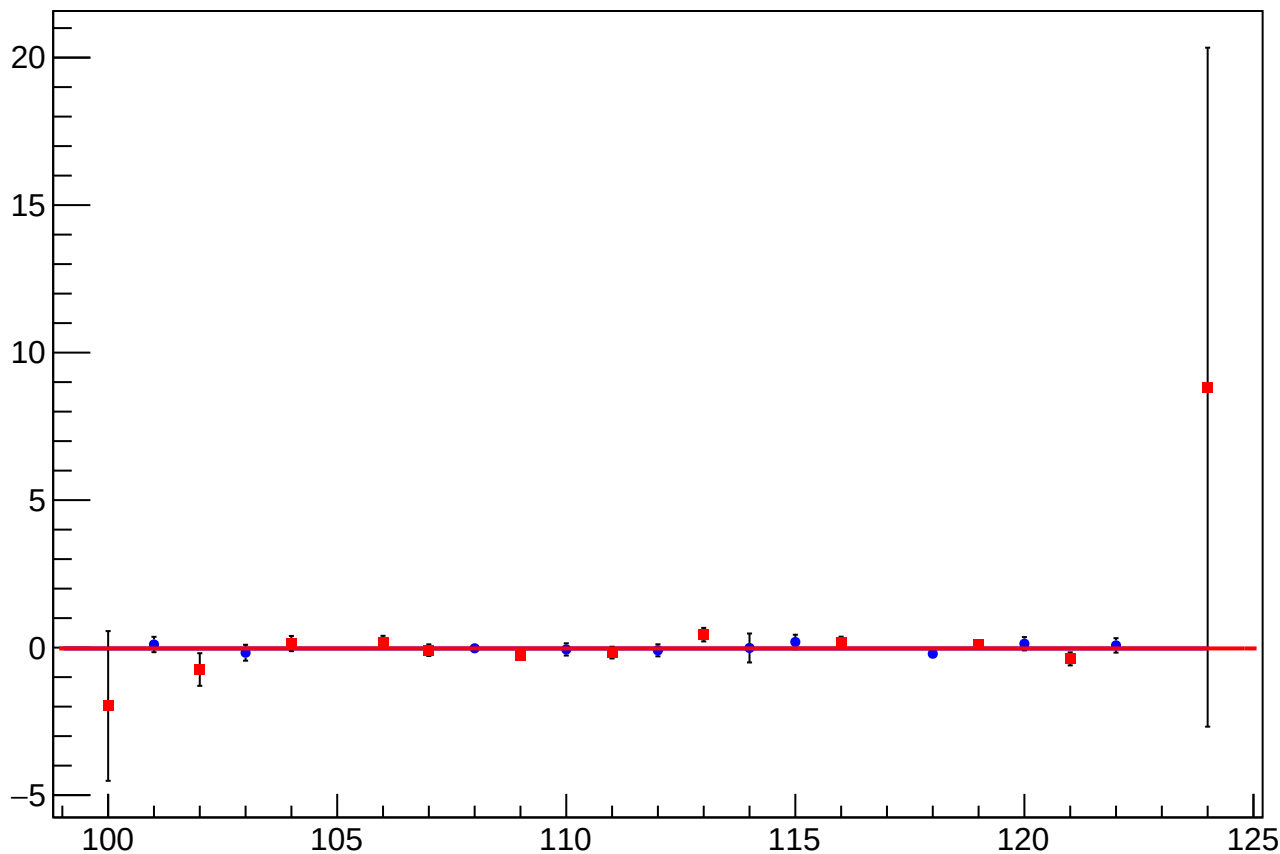
Right: 0.000+/-0.000 χ^2/NDF : 1439374.2/21

In: 0.000+/-0.000 χ^2/NDF : 336127.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1439374.2/21

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.065 χ^2/NDF : 15.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

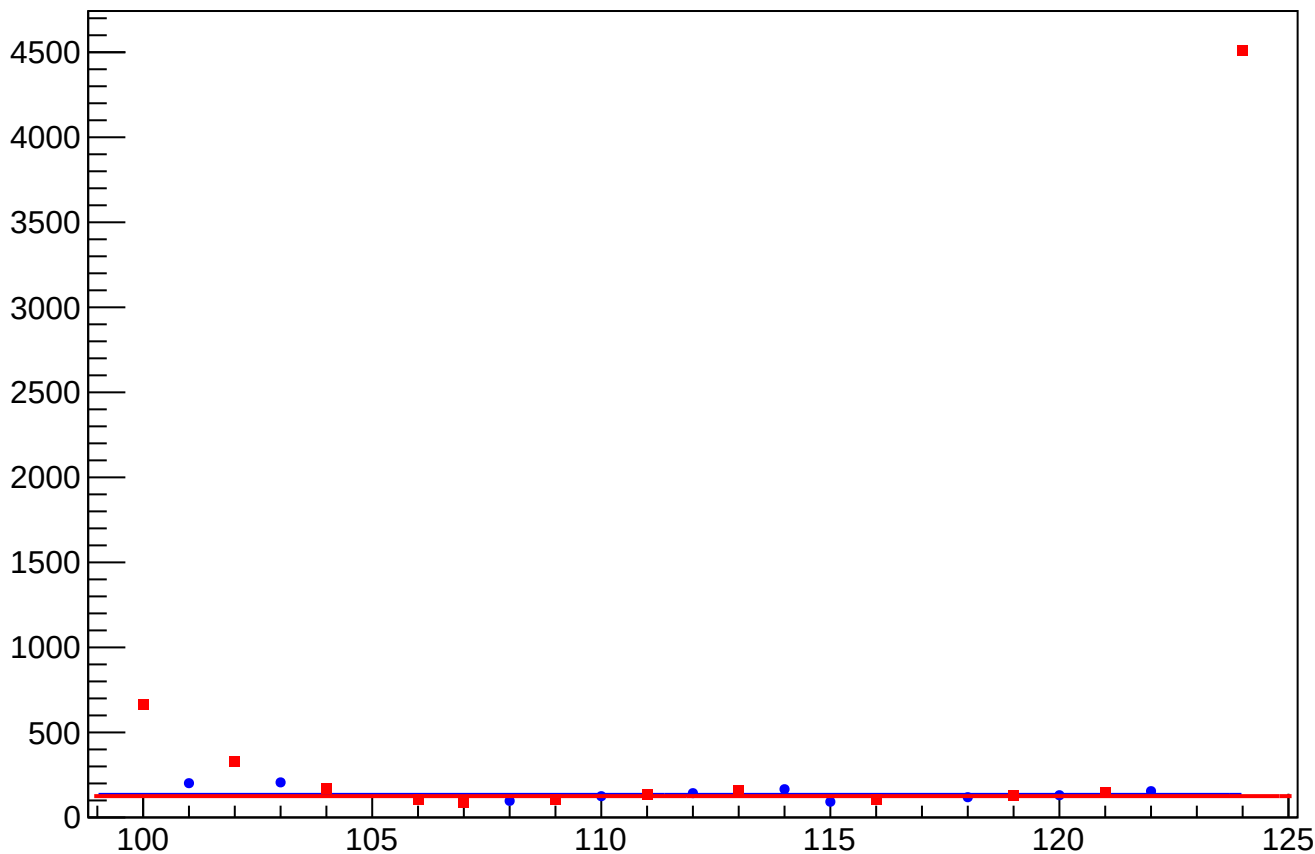
Right: -0.029 ± 0.047 χ^2/NDF : 18.6/21

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.047 χ^2/NDF : 18.6/21

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.402+/-0.046 χ^2/NDF : 900514.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

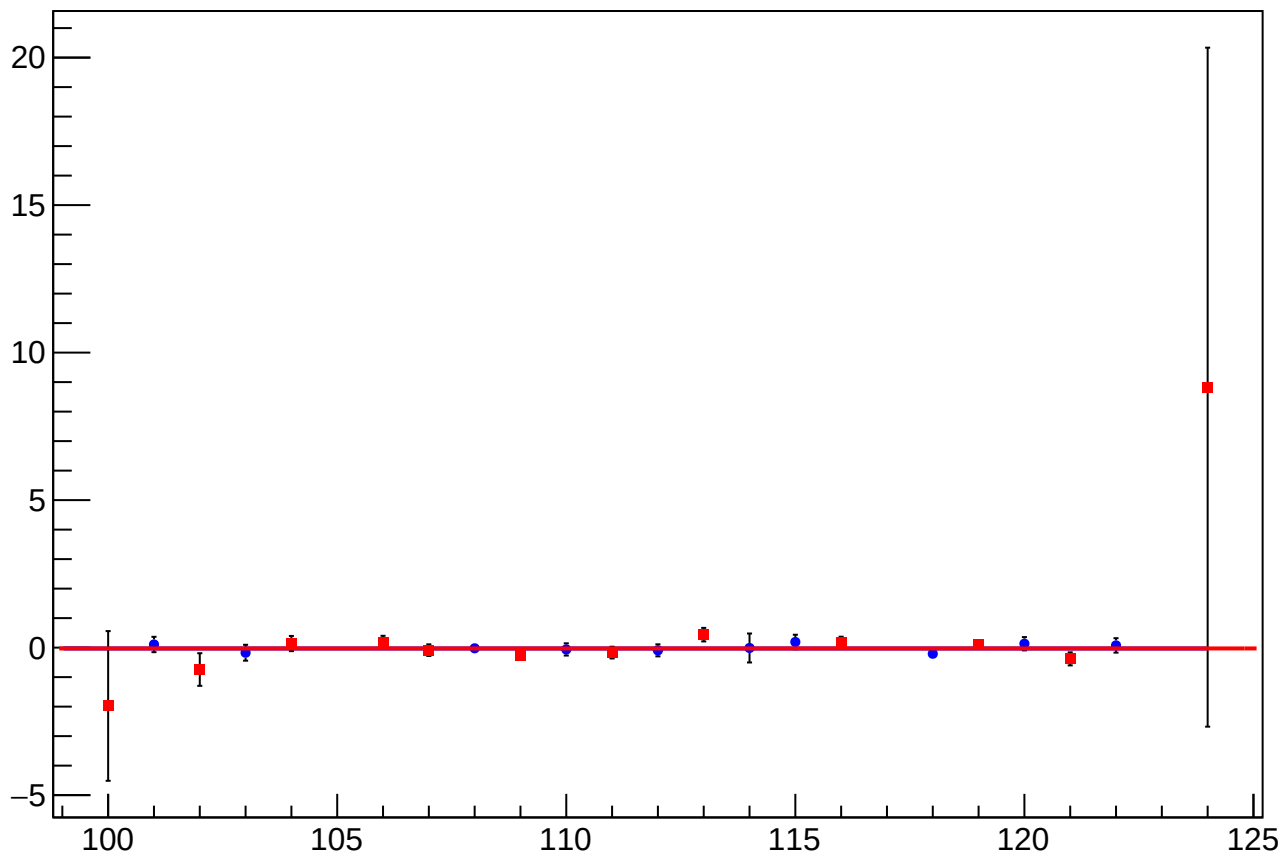
Right: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.065 χ^2/NDF : 15.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

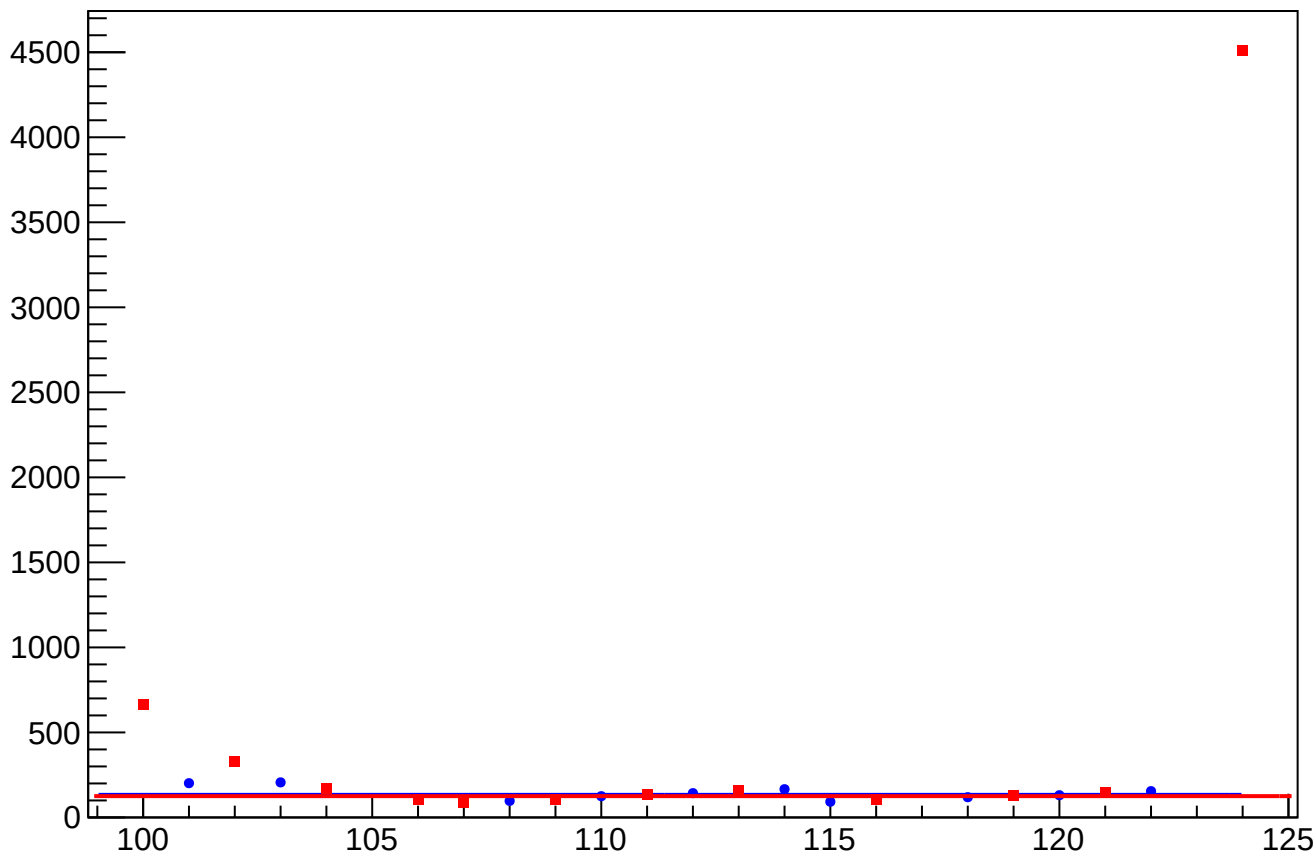
Right: -0.029 ± 0.047 χ^2/NDF : 18.6/21

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.047 χ^2/NDF : 18.6/21

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.402+/-0.046 χ^2/NDF : 900514.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

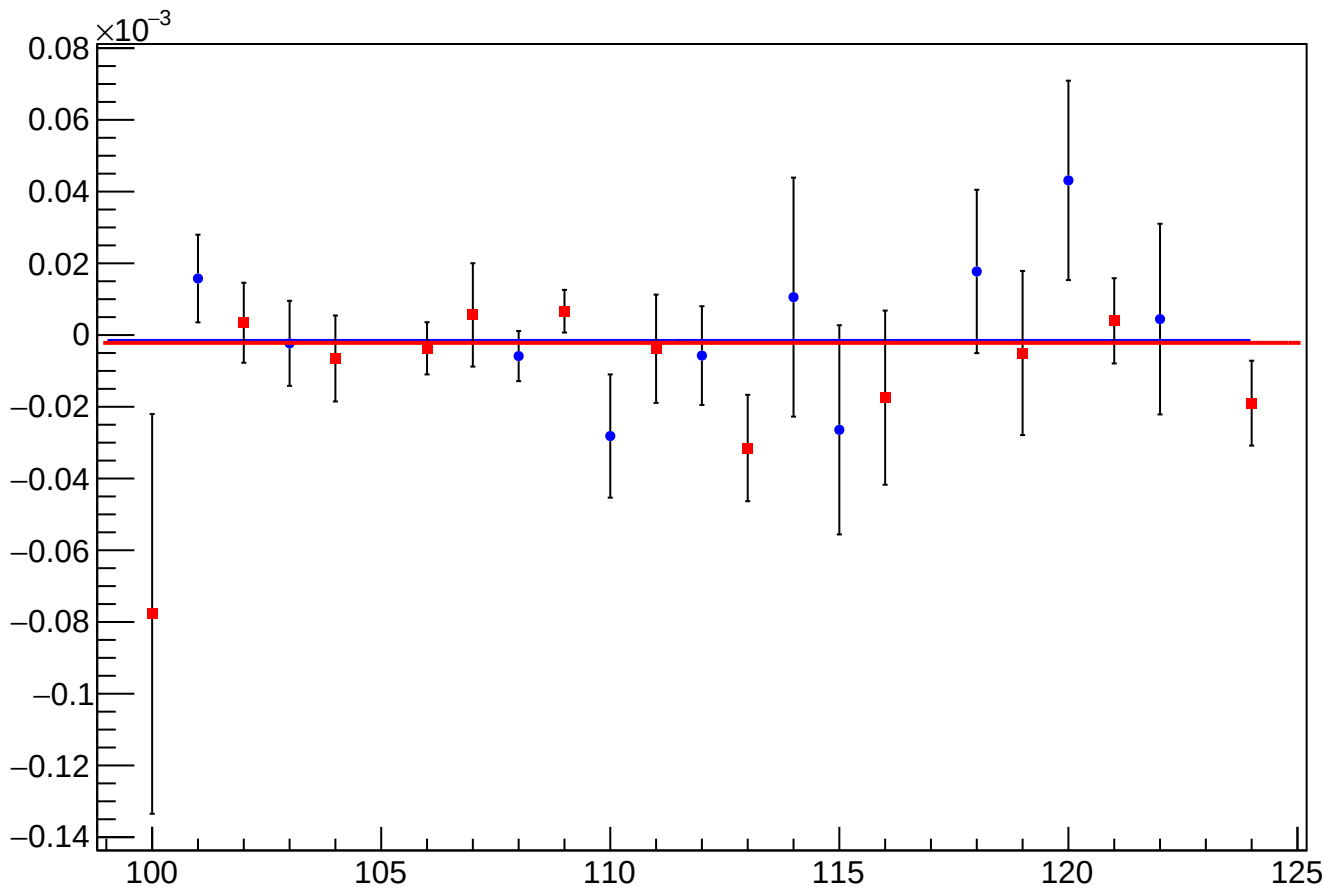
Right: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

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: 9.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.4/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

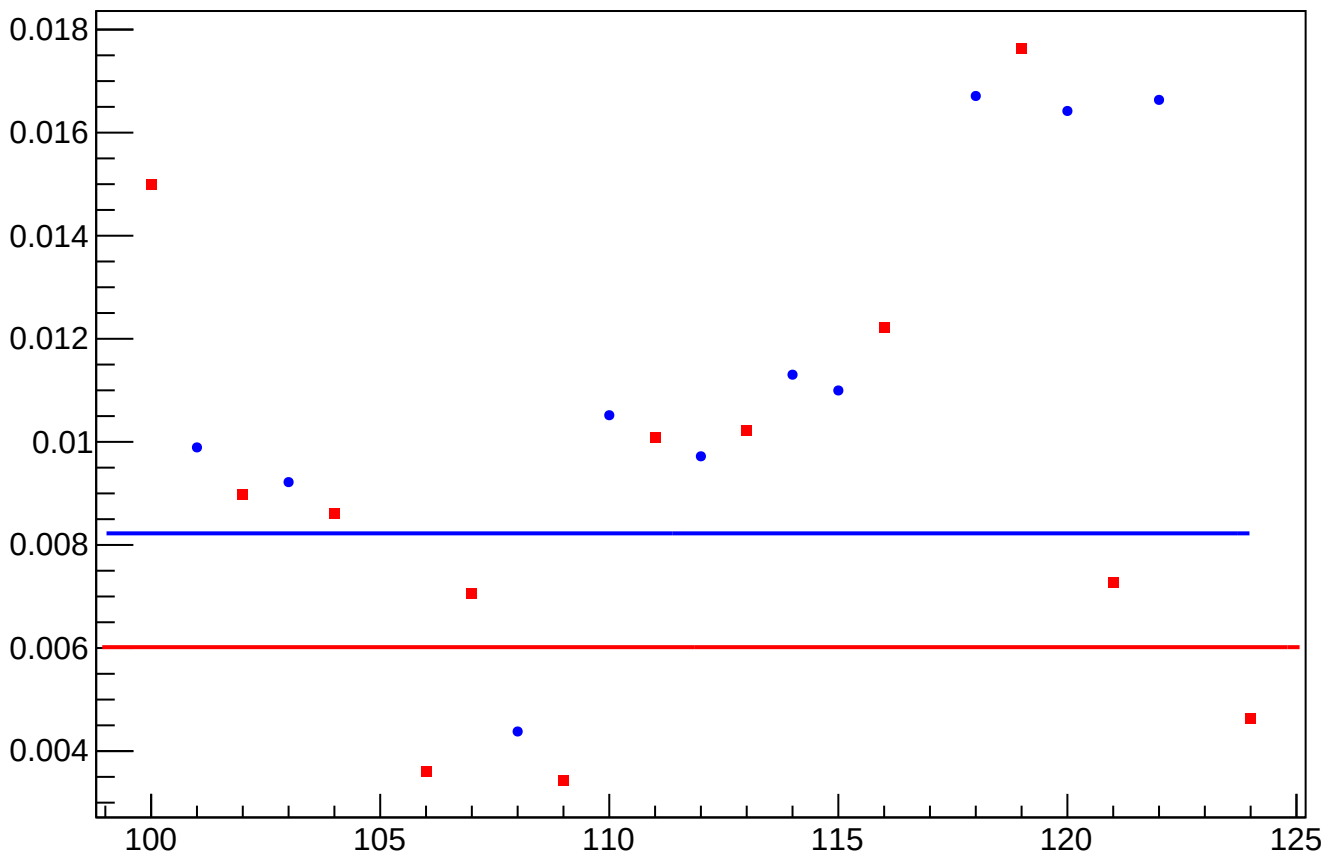
Right: -0.000+/-0.000 χ^2 /NDF: 20.5/21

In: -0.000+/-0.000 χ^2 /NDF:9.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.5/21

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 : 1403174.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1894780.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

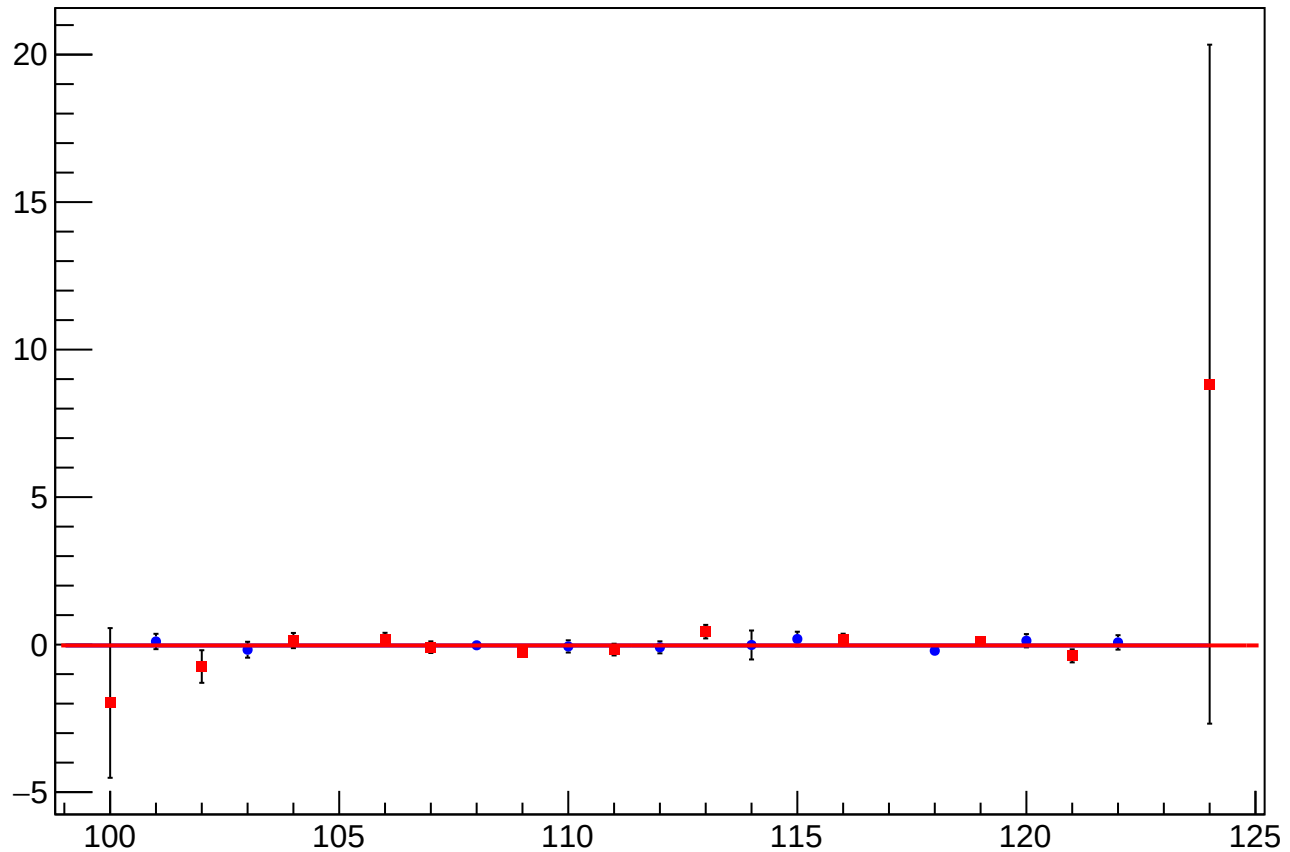
Right: 0.007+/-0.000 χ^2/NDF : 3614888.1/21

In: 0.008+/-0.000 χ^2/NDF :1403174.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3614888.1/21

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.065 χ^2/NDF : 15.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

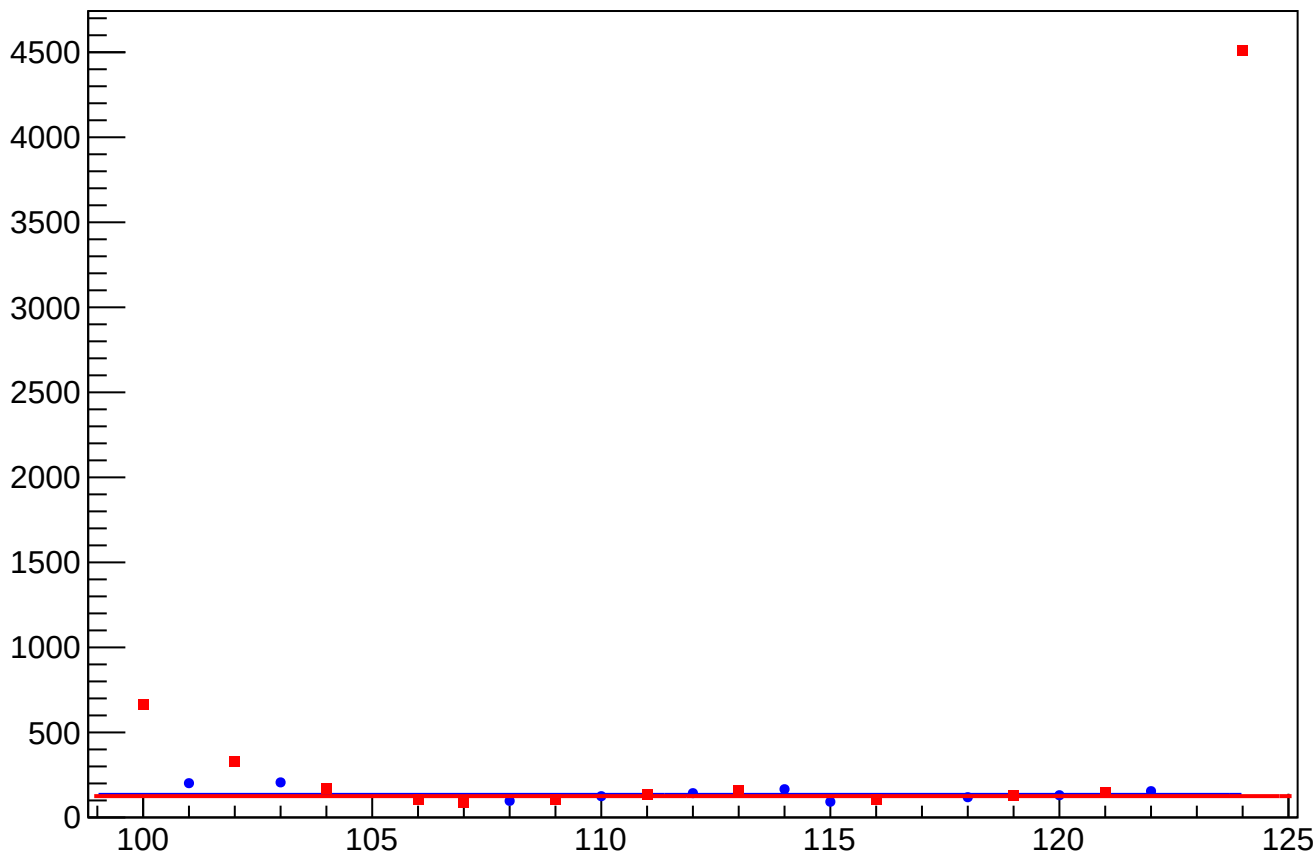
Right: -0.029 ± 0.047 χ^2/NDF : 18.6/21

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.047 χ^2/NDF : 18.6/21

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.404+/-0.046 χ^2/NDF : 900463.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

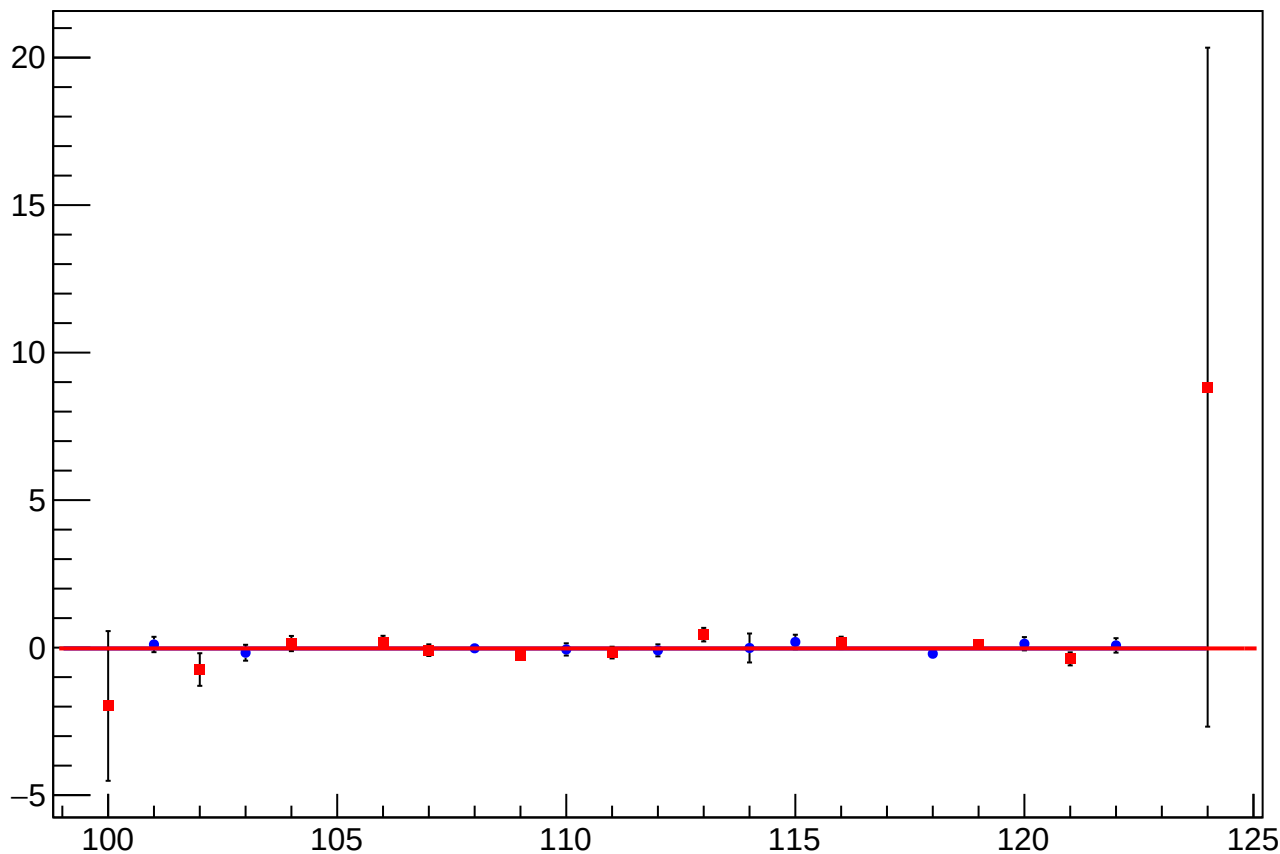
Right: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.065 χ^2/NDF : 15.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

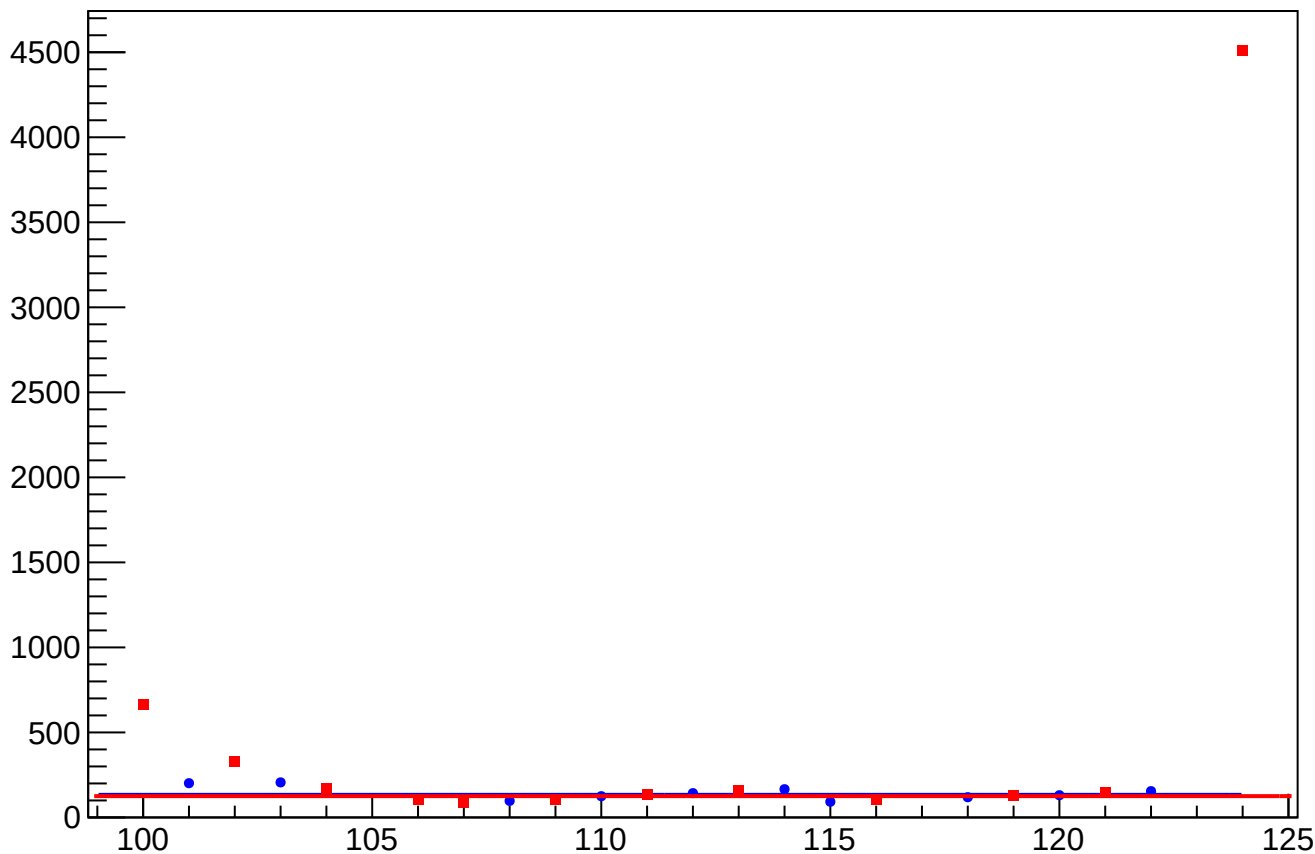
Right: -0.029 ± 0.047 χ^2/NDF : 18.6/21

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.047 χ^2/NDF : 18.6/21

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.404+/-0.046 χ^2/NDF : 900463.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

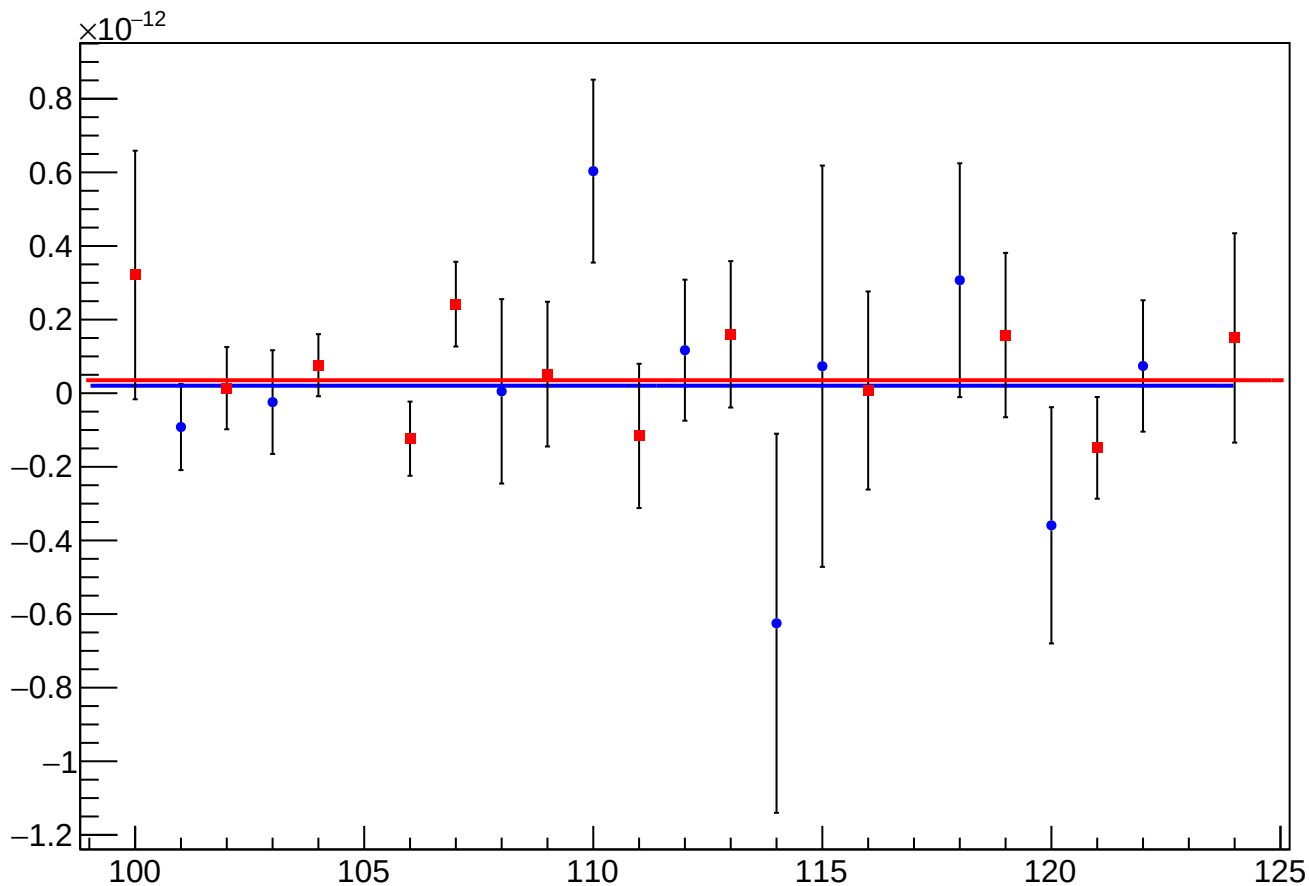
Right: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

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 : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

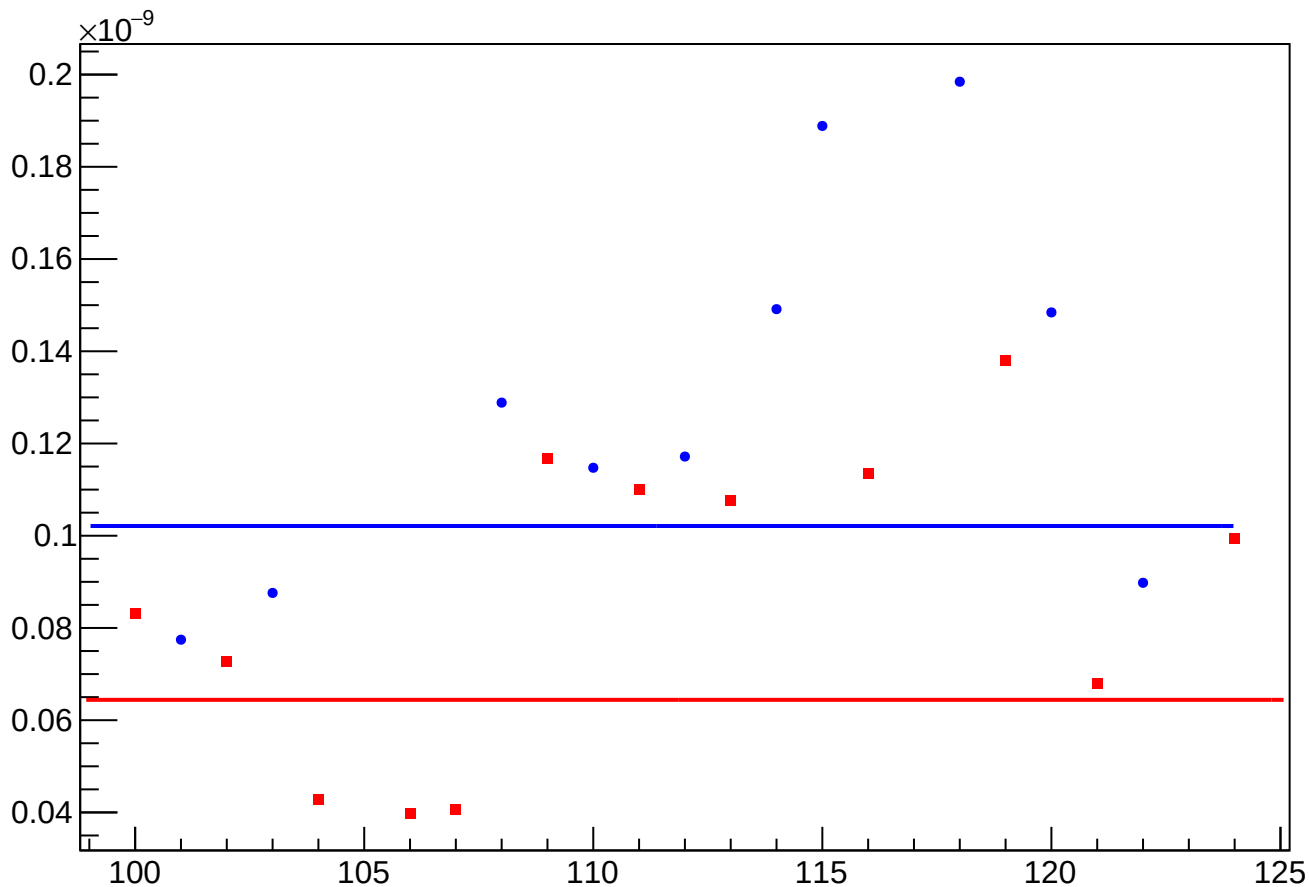
Right: 0.000+/-0.000 χ^2/NDF : 20.6/21

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 : 20.6/21

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 : 452611.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1012453.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

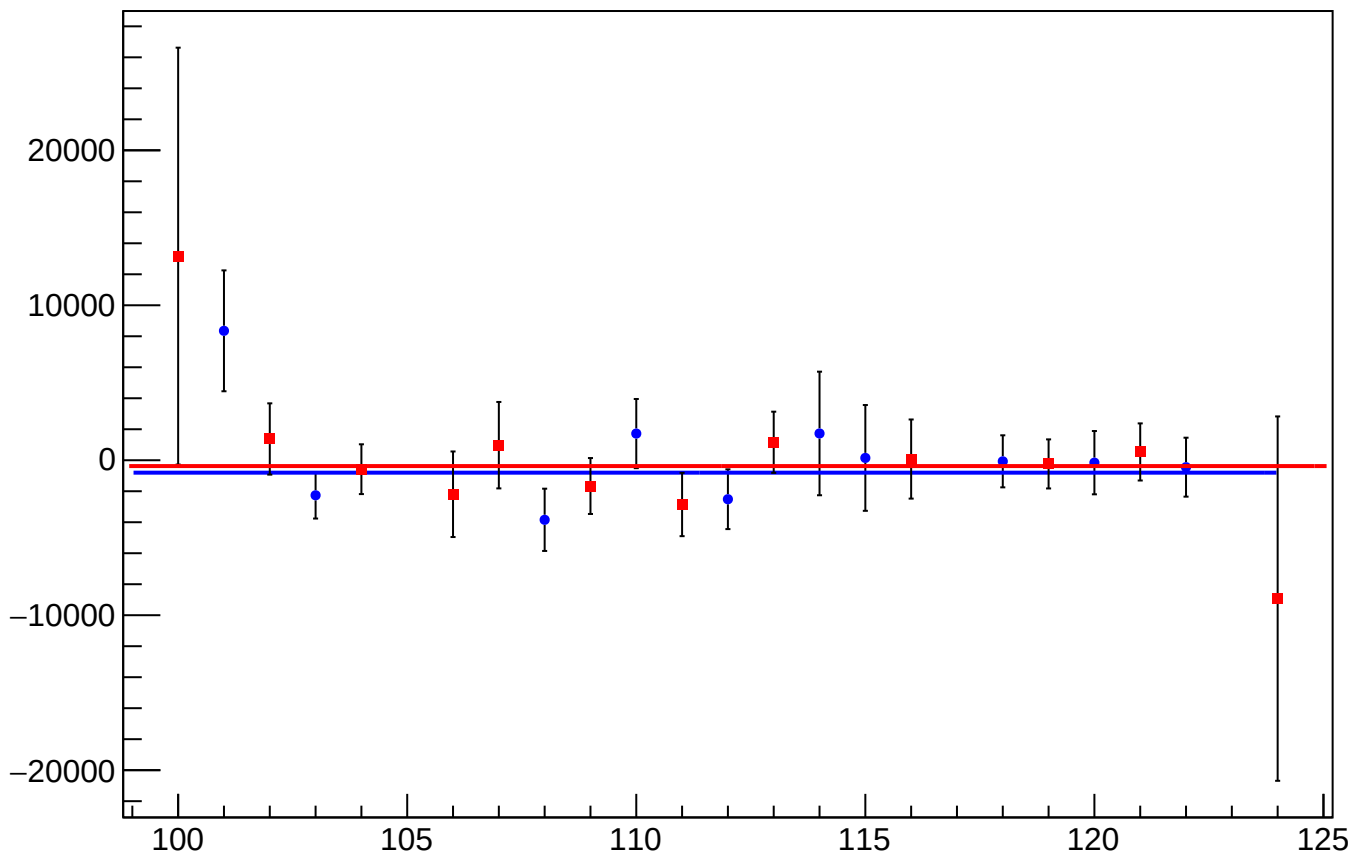
Right: 0.000+/-0.000 χ^2/NDF : 1948382.1/21

In: 0.000+/-0.000 χ^2/NDF : 452611.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1948382.1/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -801.633+/-667.256 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -376.495+/-632.600 χ^2/NDF : 5.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

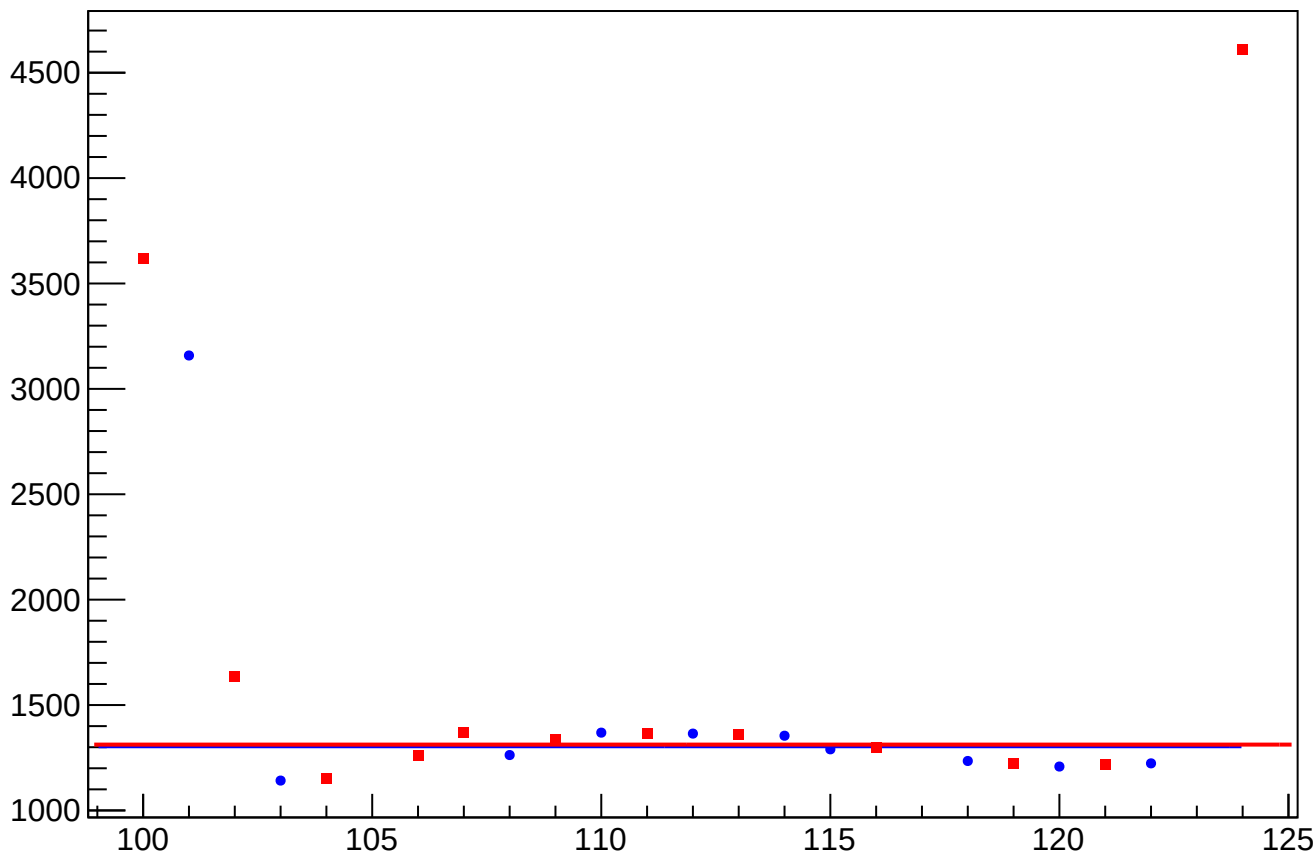
Right: -577.737+/-459.078 χ^2/NDF : 17.5/21

In: -801.633+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -577.737+/-459.078 χ^2/NDF : 17.5/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.340+/-0.445 χ^2/NDF : 292216.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

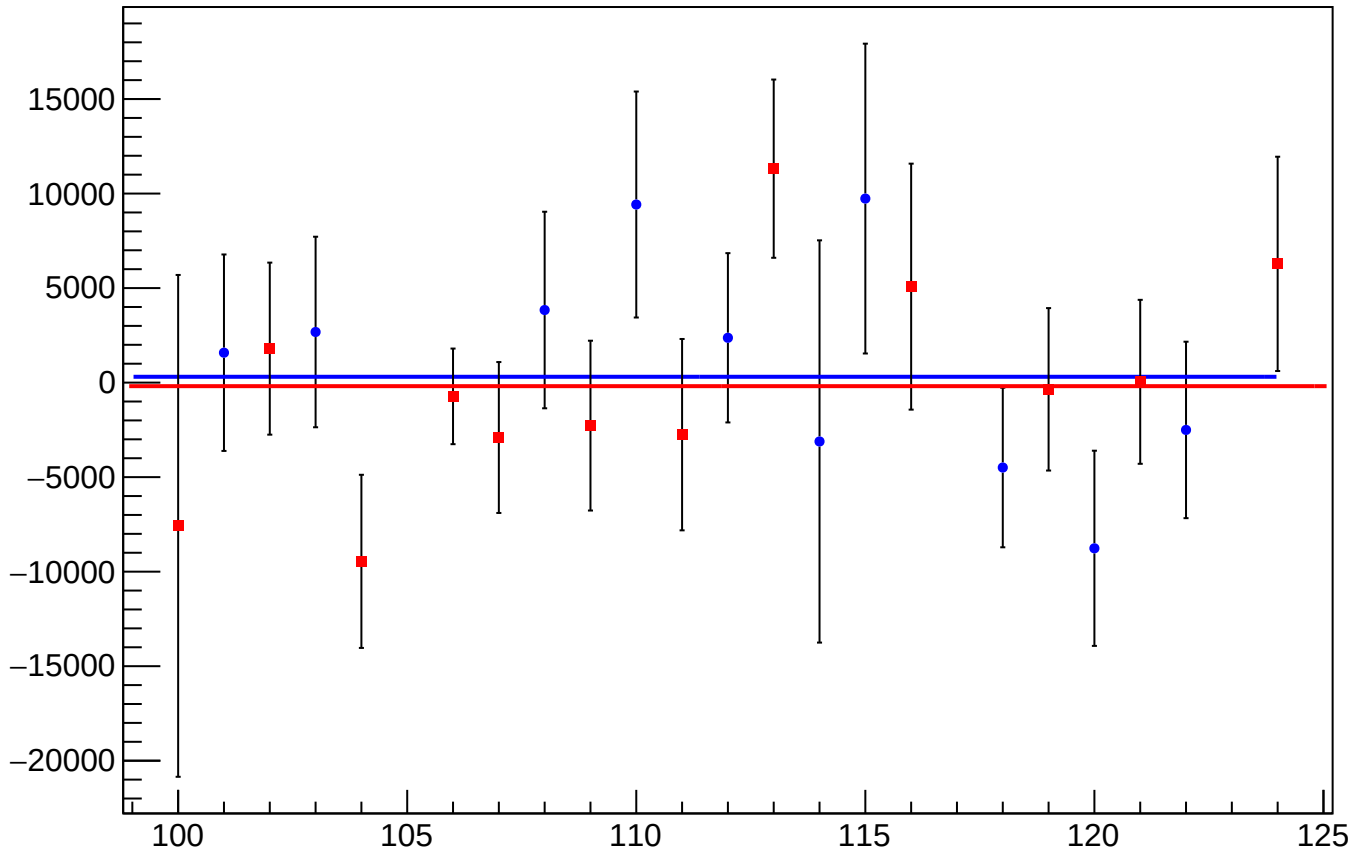
Right: 1308.661+/-0.324 χ^2/NDF : 784154.3/21

In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.661+/-0.324 χ^2/NDF : 784154.3/21

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 308.783 $\pm$ 1679.275 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -187.798 $\pm$ 1273.596 χ^2 /NDF: 13.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

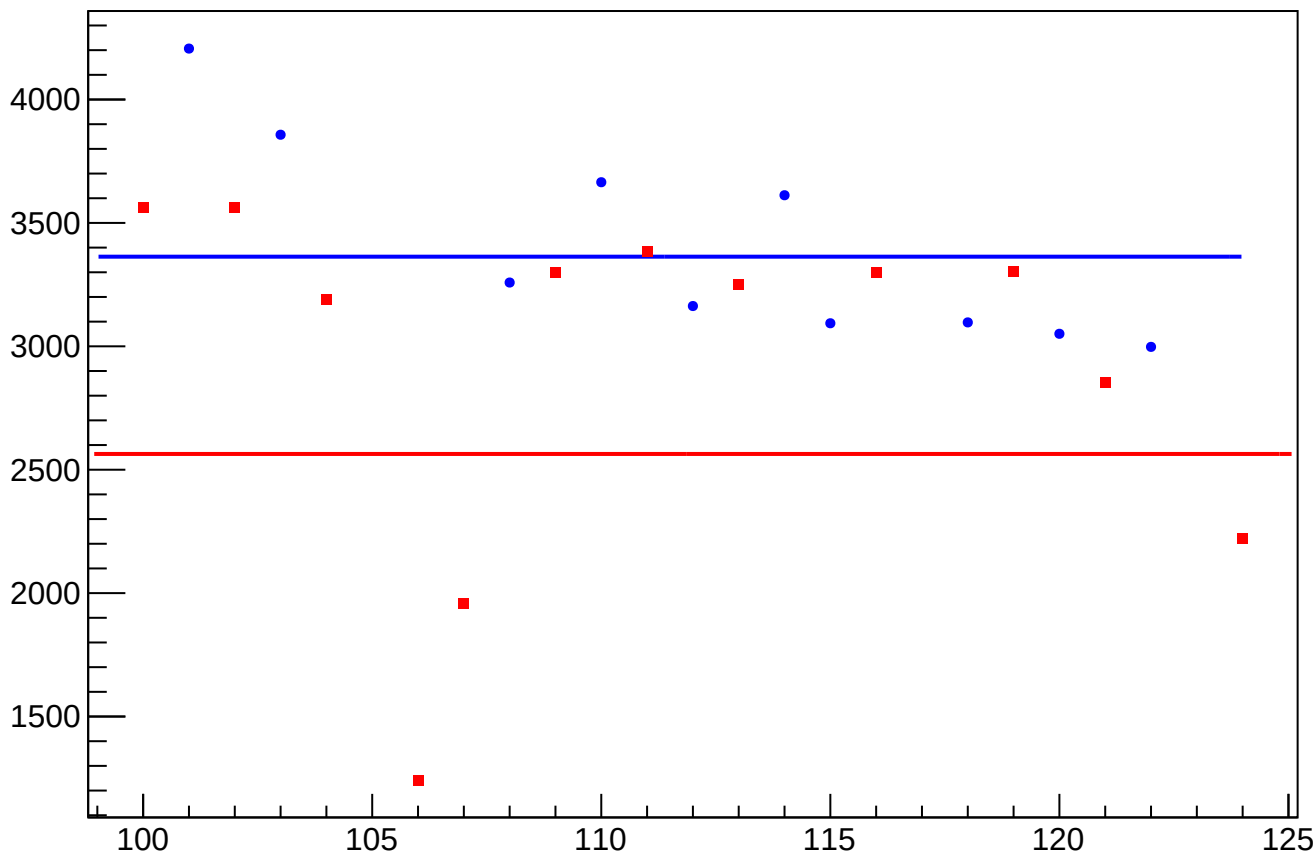
Right: -6.466 $\pm$ 1014.761 χ^2 /NDF: 23.0/21

In: 308.783 $\pm$ 1679.275 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.466 $\pm$ 1014.761 χ^2 /NDF: 23.0/21

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2563.869+/-0.901 χ^2/NDF : 986937.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

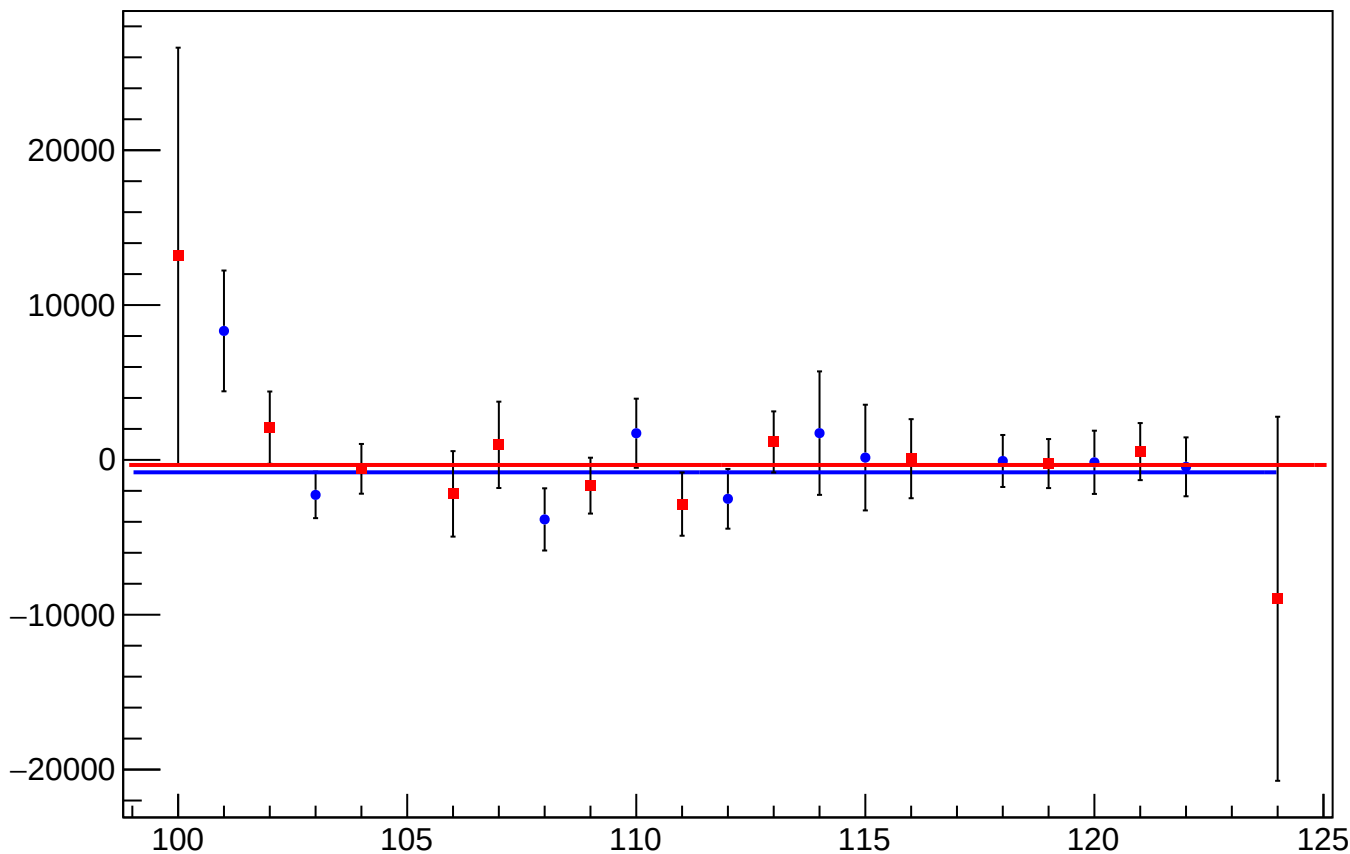
Right: 2855.764+/-0.718 χ^2/NDF : 1387241.6/21

In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2855.764+/-0.718 χ^2/NDF : 1387241.6/21

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -802.348+/-667.256 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -328.391+/-633.306 χ^2/NDF : 6.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

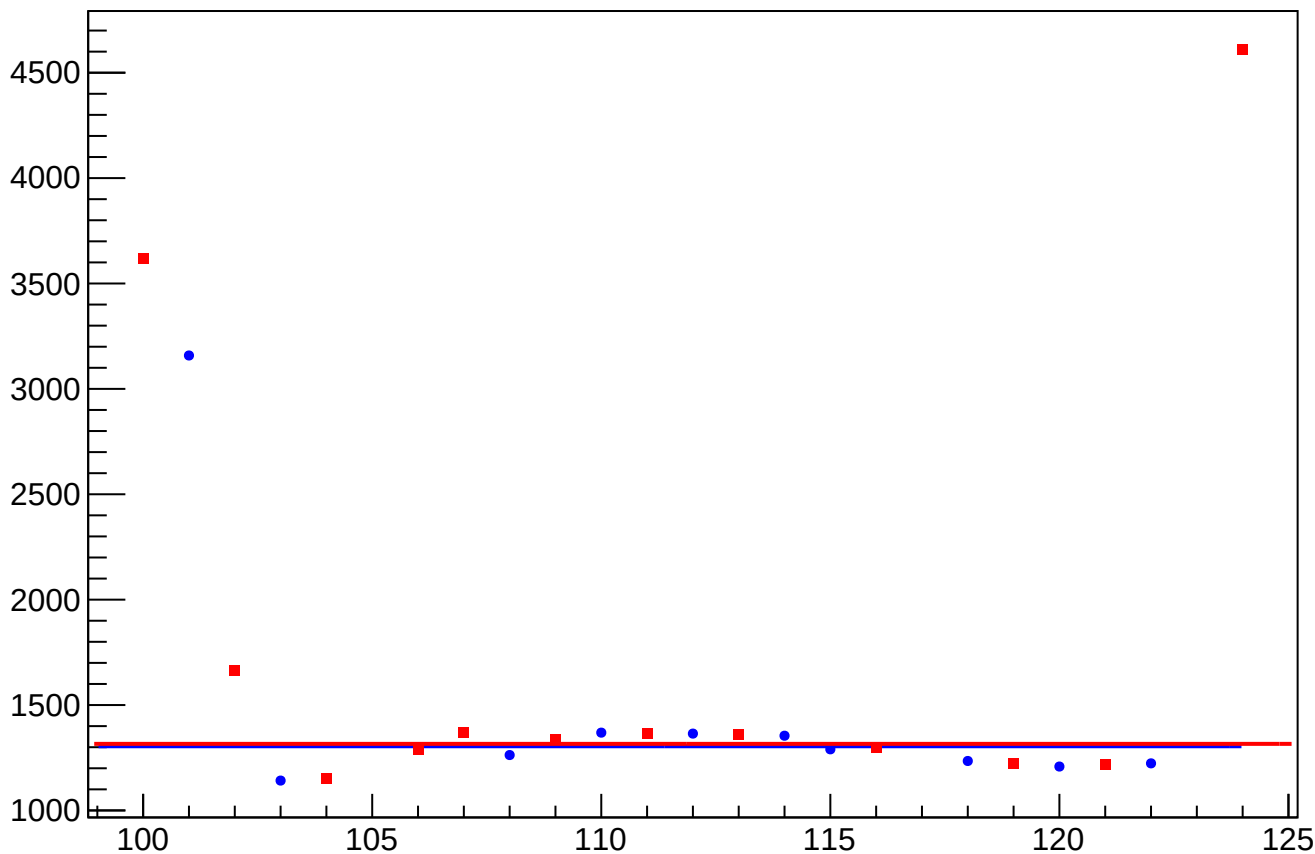
Right: -553.006+/-459.348 χ^2/NDF : 18.1/21

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -553.006+/-459.348 χ^2/NDF : 18.1/21

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.812+/-0.446 χ^2/NDF : 298251.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

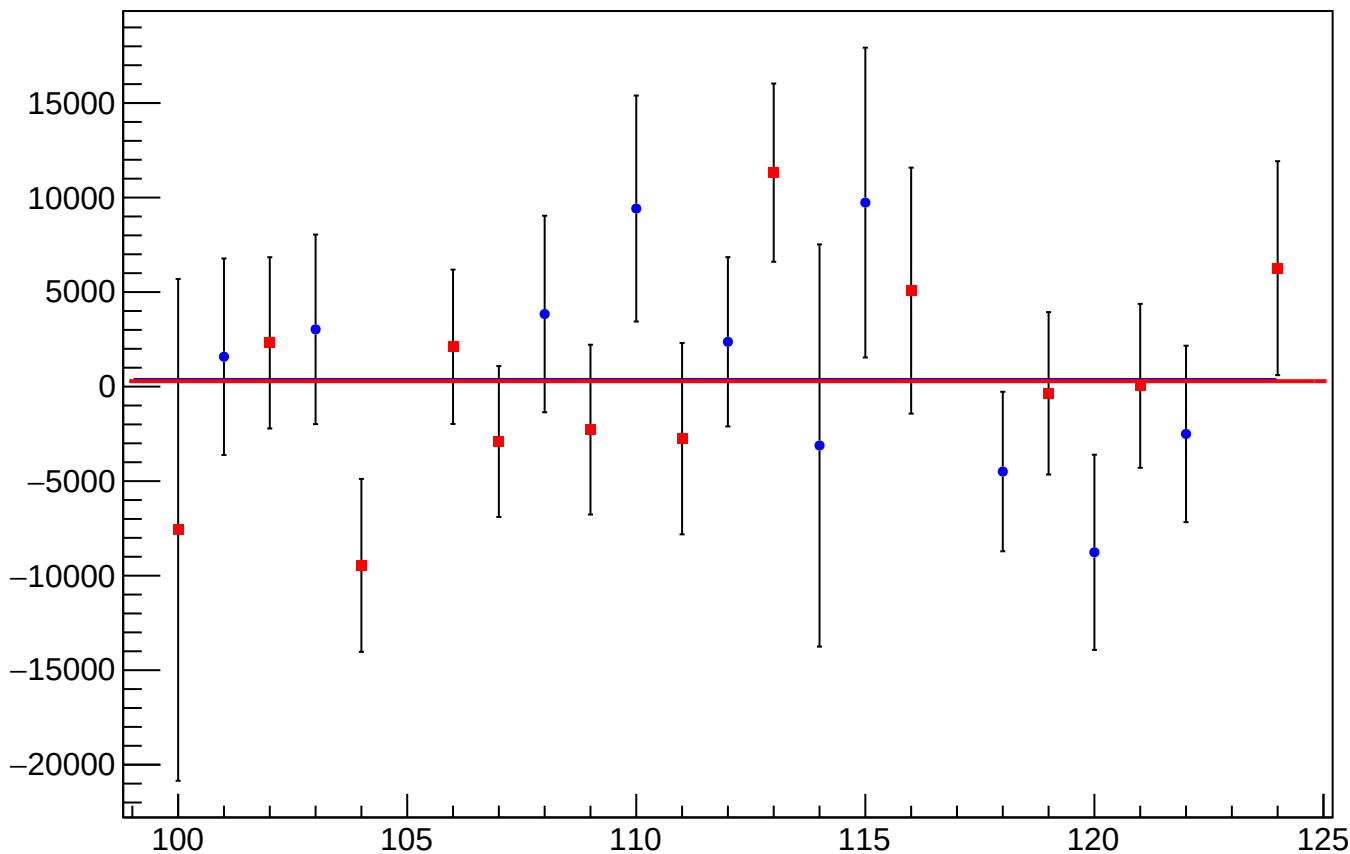
Right: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 350.610 $\pm$ 1678.349 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 287.383 $\pm$ 1385.697 χ^2 /NDF: 13.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

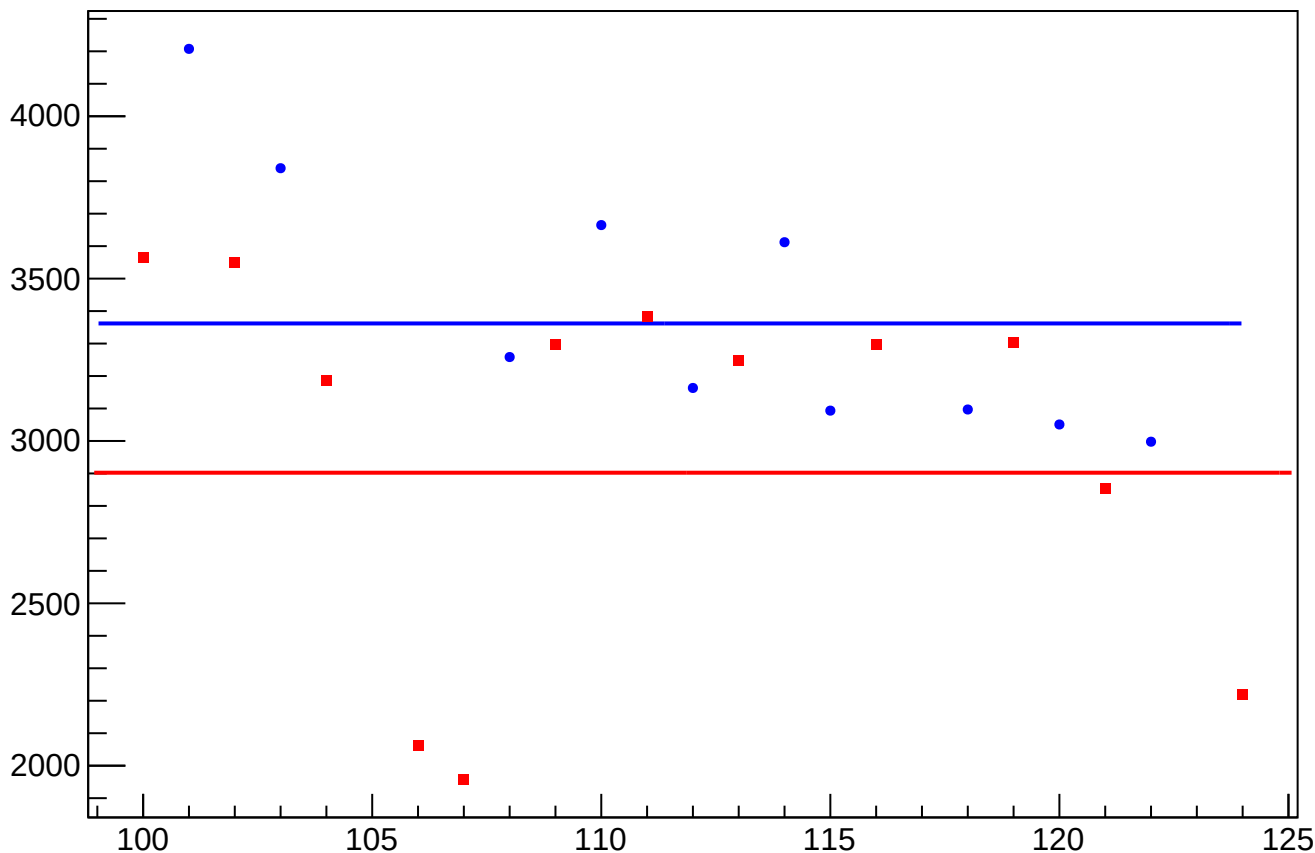
Right: 313.012 $\pm$ 1068.559 χ^2 /NDF: 23.3/21

In: 350.610 $\pm$ 1678.349 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 313.012 $\pm$ 1068.559 χ^2 /NDF: 23.3/21

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2902.260+/-0.980 χ^2/NDF : 349355.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

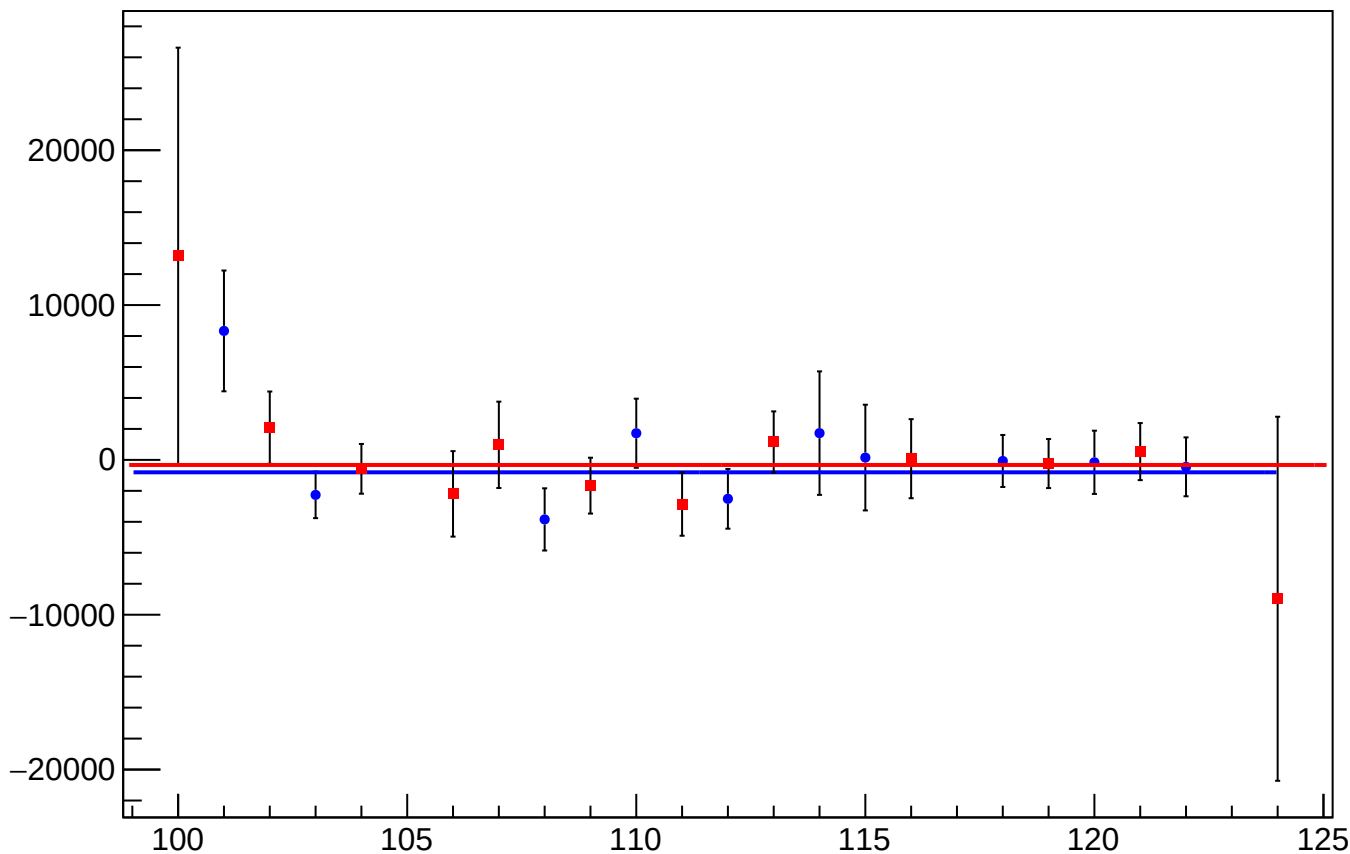
Right: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -802.348+/-667.256 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -328.391+/-633.306 χ^2/NDF : 6.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

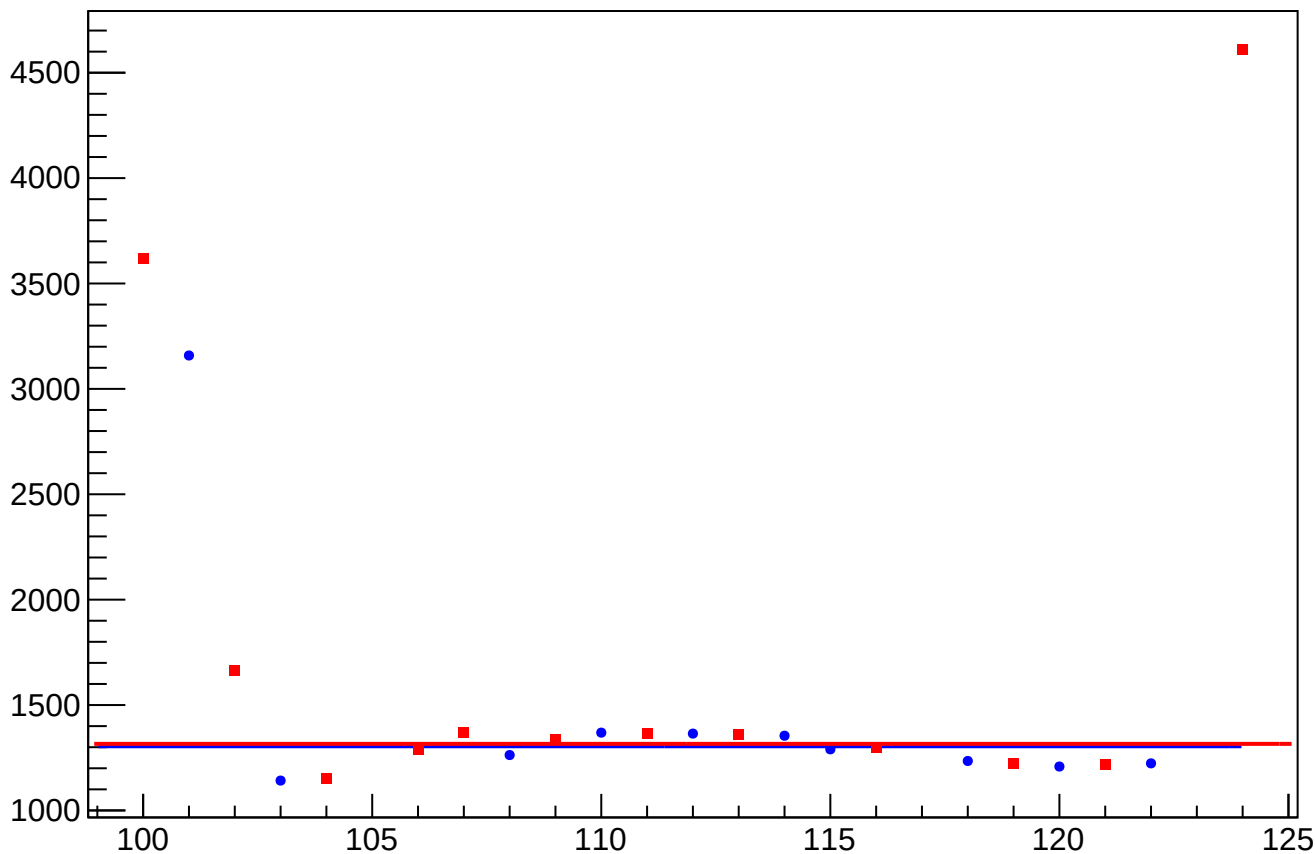
Right: -553.006+/-459.348 χ^2/NDF : 18.1/21

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -553.006+/-459.348 χ^2/NDF : 18.1/21

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.812+/-0.446 χ^2/NDF : 298251.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

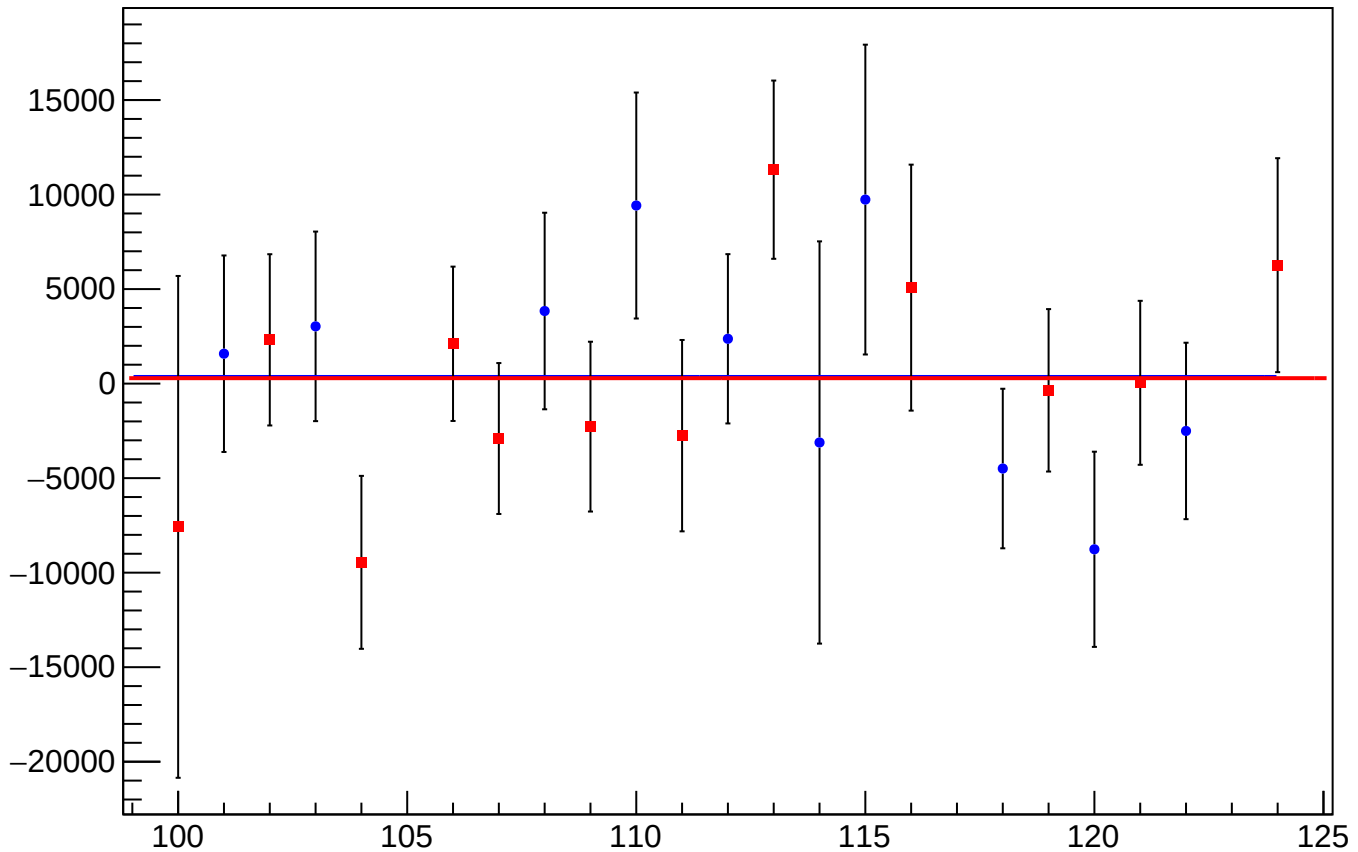
Right: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.484+/-0.324 χ^2/NDF : 790347.3/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.383+/-1385.697 χ^2/NDF : 13.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

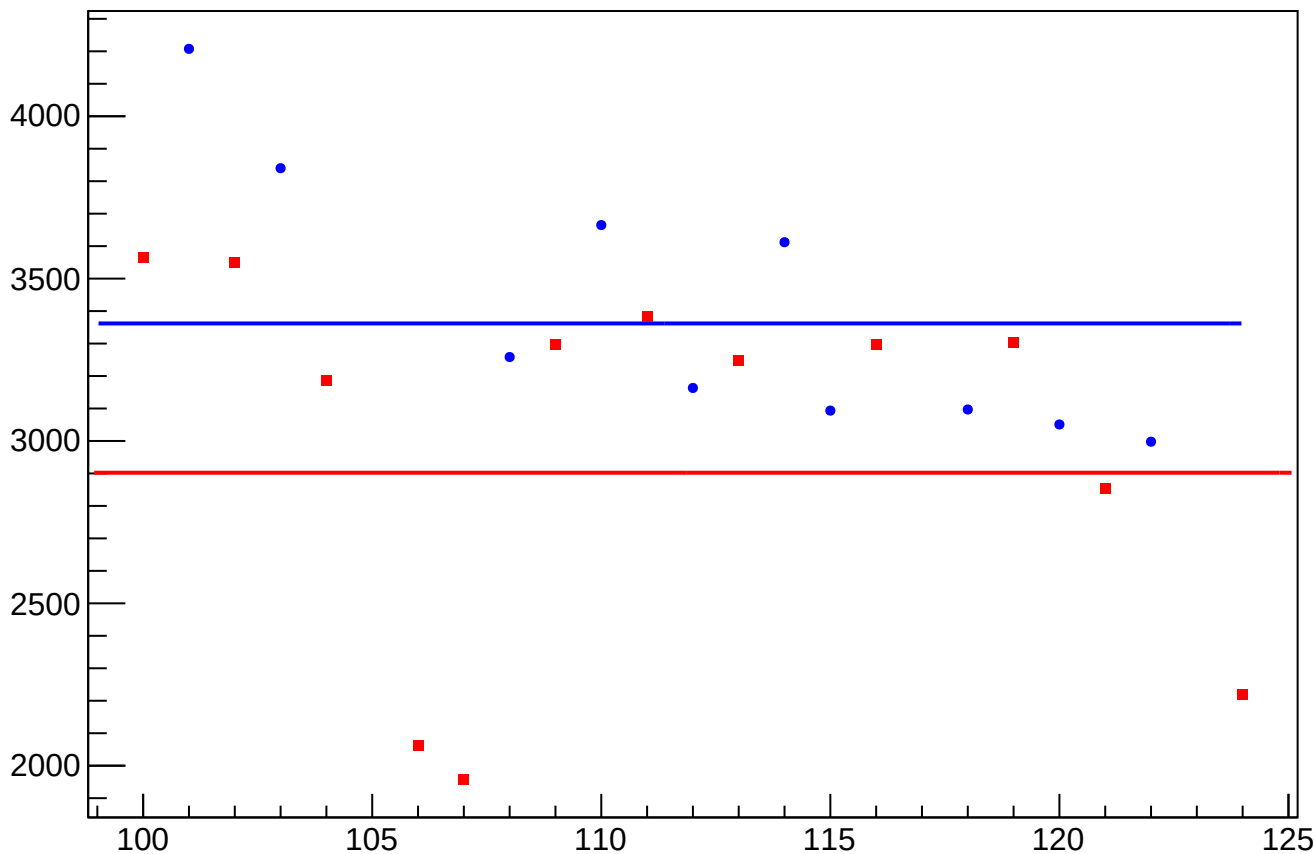
Right: 313.012+/-1068.559 χ^2/NDF : 23.3/21

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.012+/-1068.559 χ^2/NDF : 23.3/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2902.260+/-0.980 χ^2/NDF : 349355.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

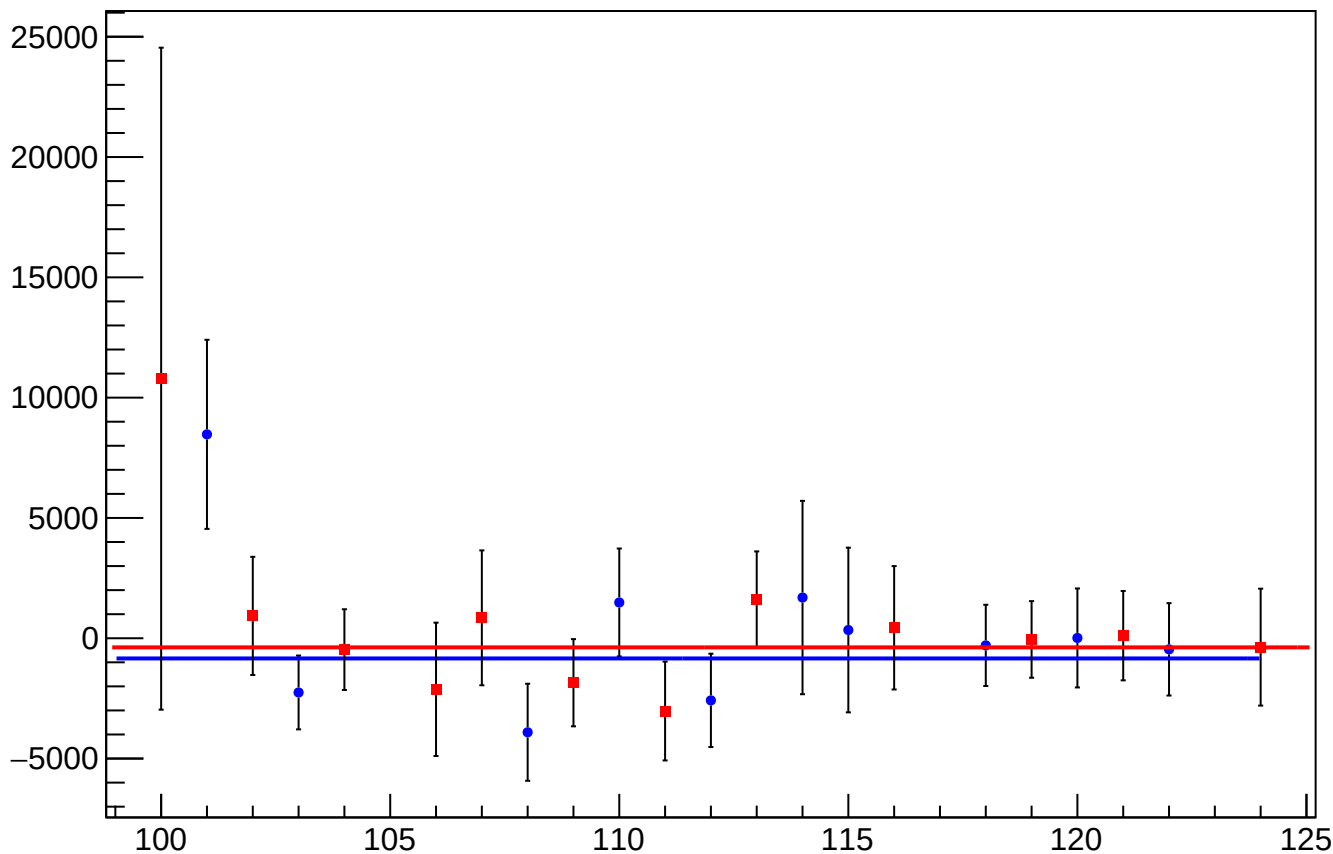
Right: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3088.586+/-0.756 χ^2/NDF : 550143.0/21

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -839.228+/-673.294 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -379.130+/-622.043 χ^2/NDF : 5.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

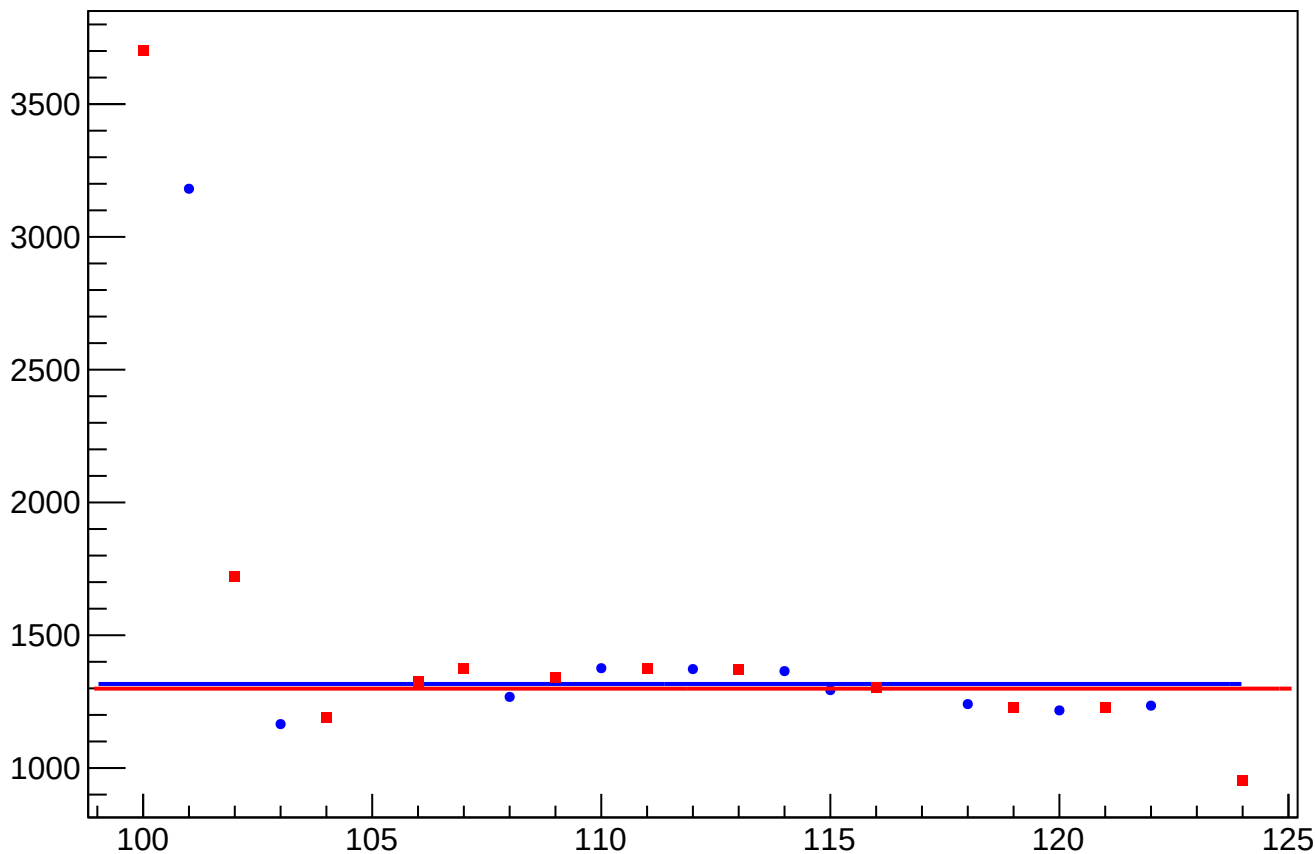
Right: -591.003+/-456.897 χ^2/NDF : 16.8/21

In: -839.228+/-673.294 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -591.003+/-456.897 χ^2/NDF : 16.8/21

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1316.587+/-0.476 χ^2/NDF : 486821.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.988+/-0.439 χ^2/NDF : 183990.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

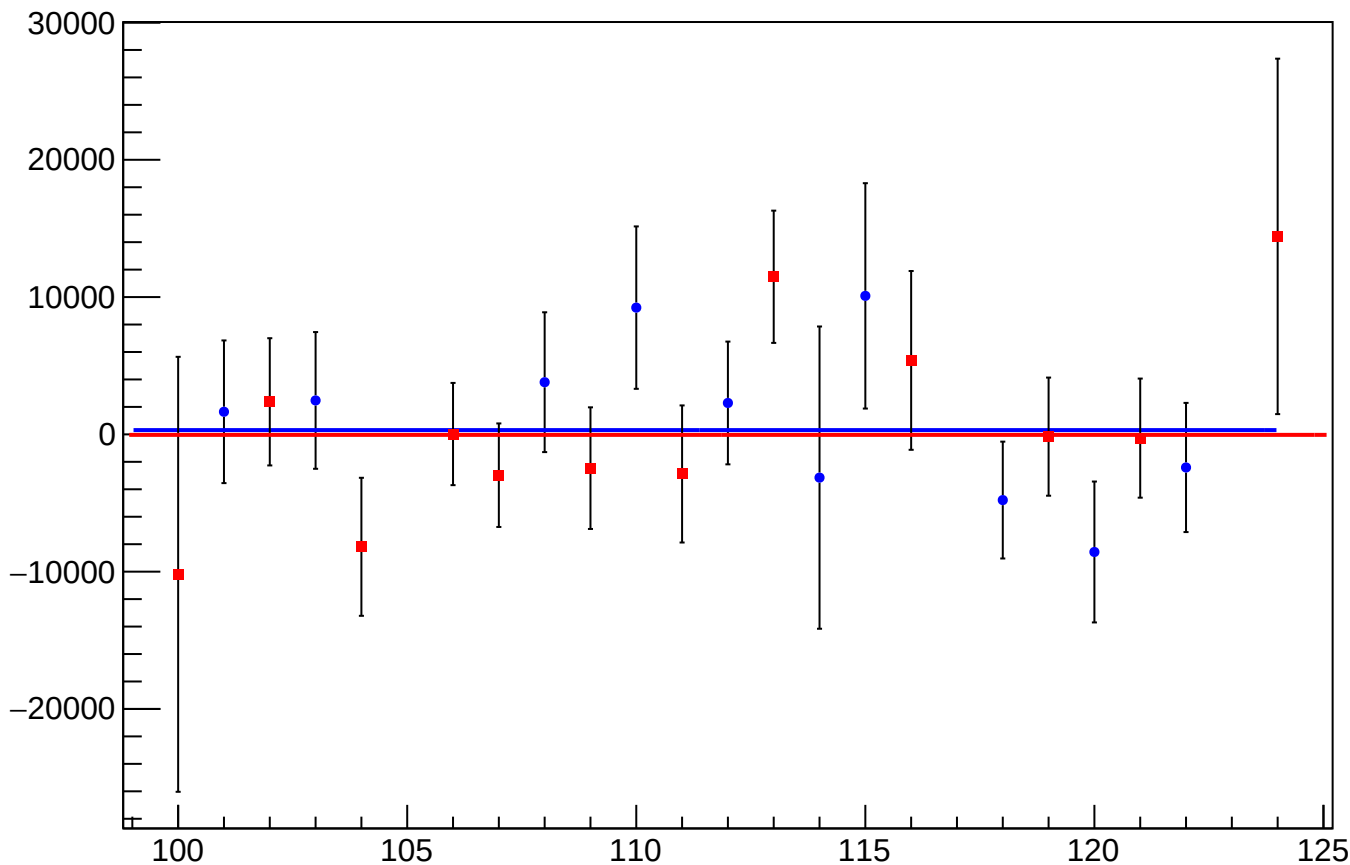
Right: 1307.082+/-0.323 χ^2/NDF : 671550.0/21

In: 1316.587+/-0.476 χ^2/NDF : 486821.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.082+/-0.323 χ^2/NDF : 671550.0/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 310.805+/-1675.980 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.707+/-1409.305 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

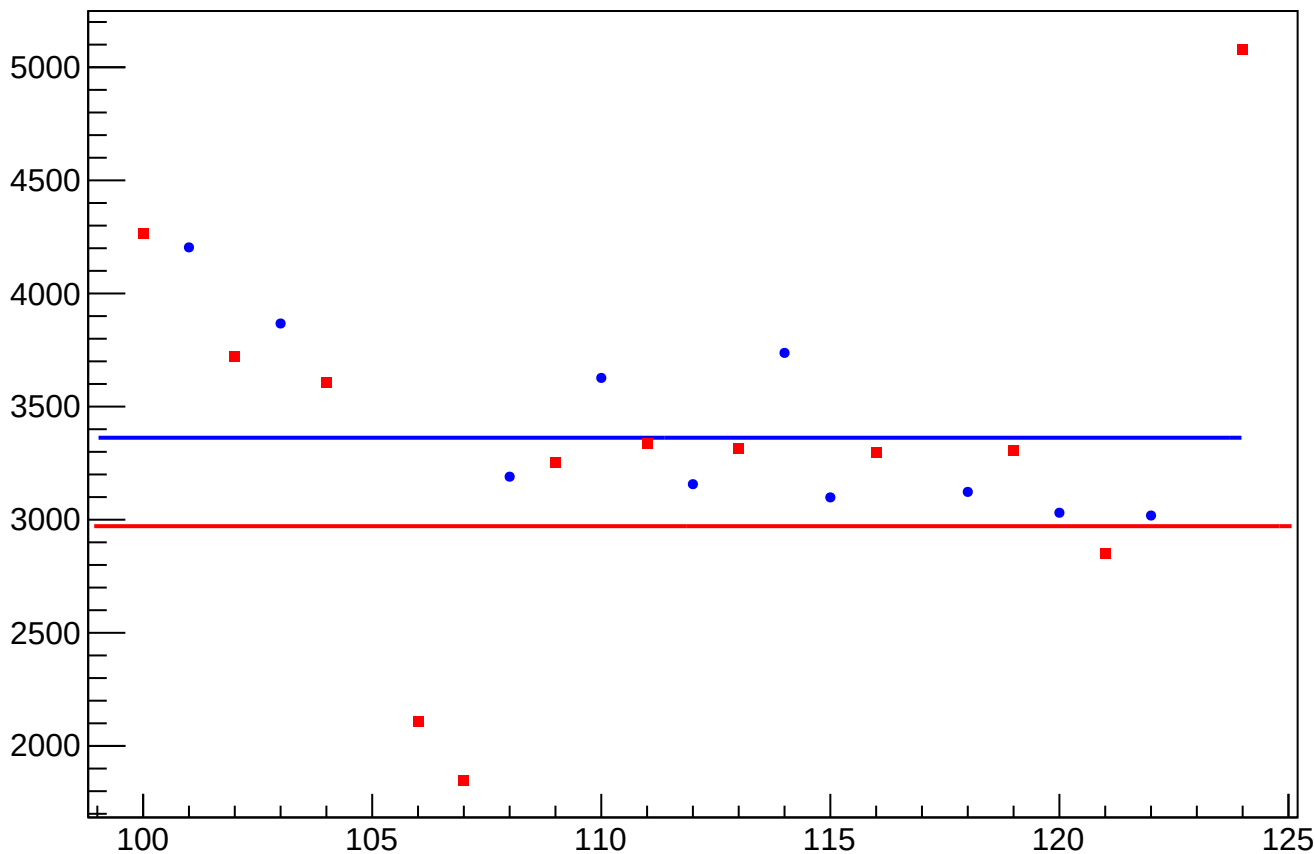
Right: 107.235+/-1078.642 χ^2/NDF : 21.7/21

In: 310.805+/-1675.980 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.235+/-1078.642 χ^2/NDF : 21.7/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2971.436+/-0.997 χ^2/NDF : 483469.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

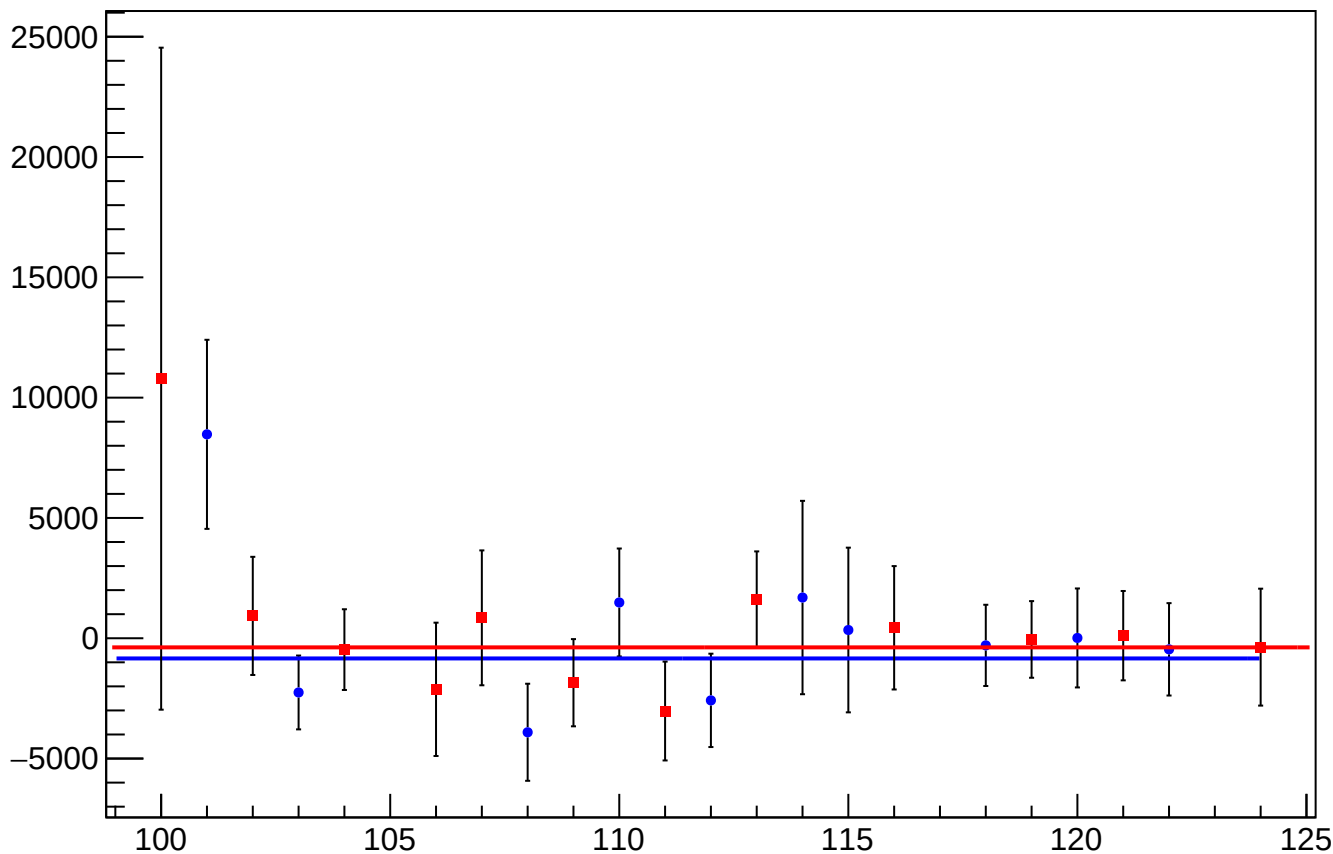
Right: 3133.366+/-0.763 χ^2/NDF : 660470.6/21

In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.366+/-0.763 χ^2/NDF : 660470.6/21

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -839.225+/-673.294 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -379.140+/-622.043 χ^2/NDF : 5.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

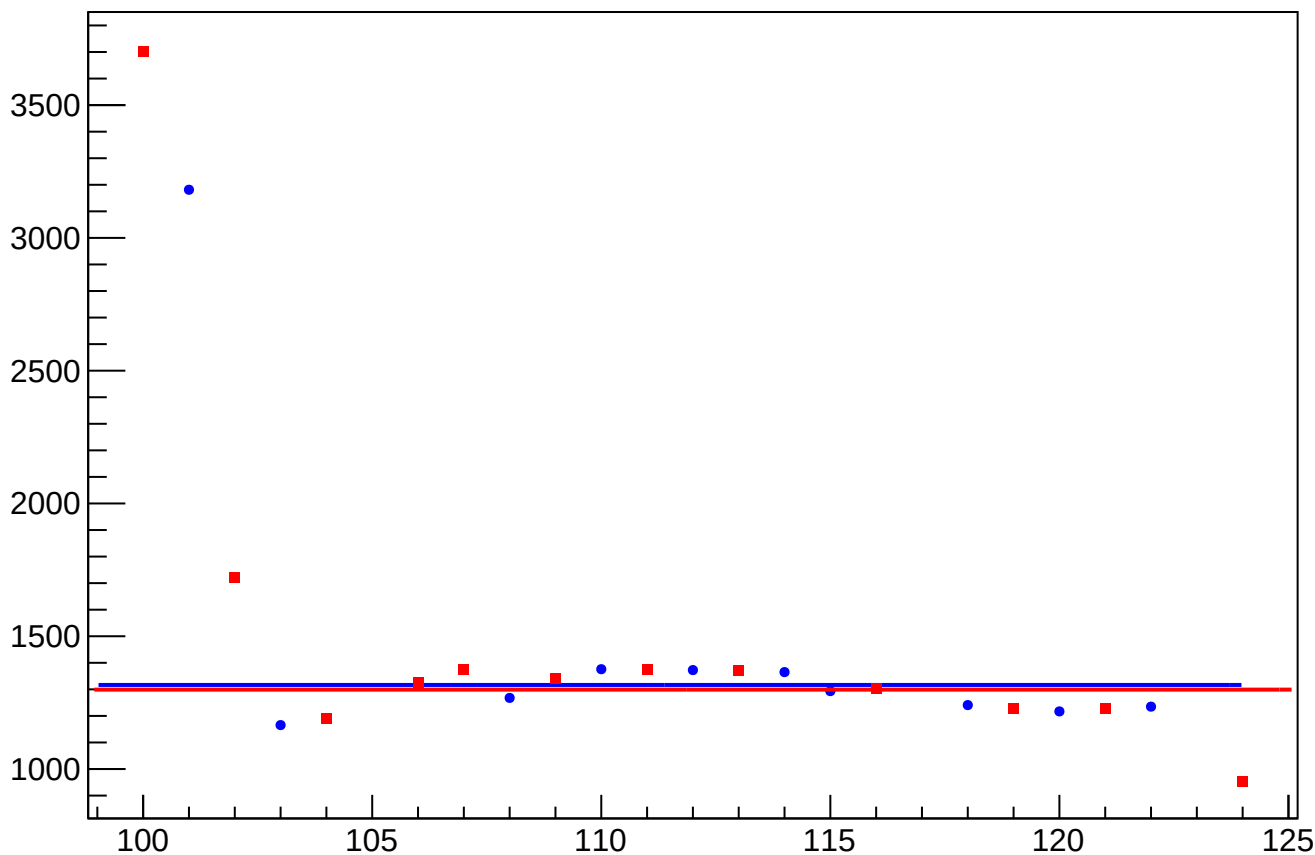
Right: -591.007+/-456.897 χ^2/NDF : 16.8/21

In: -839.225+/-673.294 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -591.007+/-456.897 χ^2/NDF : 16.8/21

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1316.587+/-0.476 χ^2/NDF : 486821.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.988+/-0.439 χ^2/NDF : 183990.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

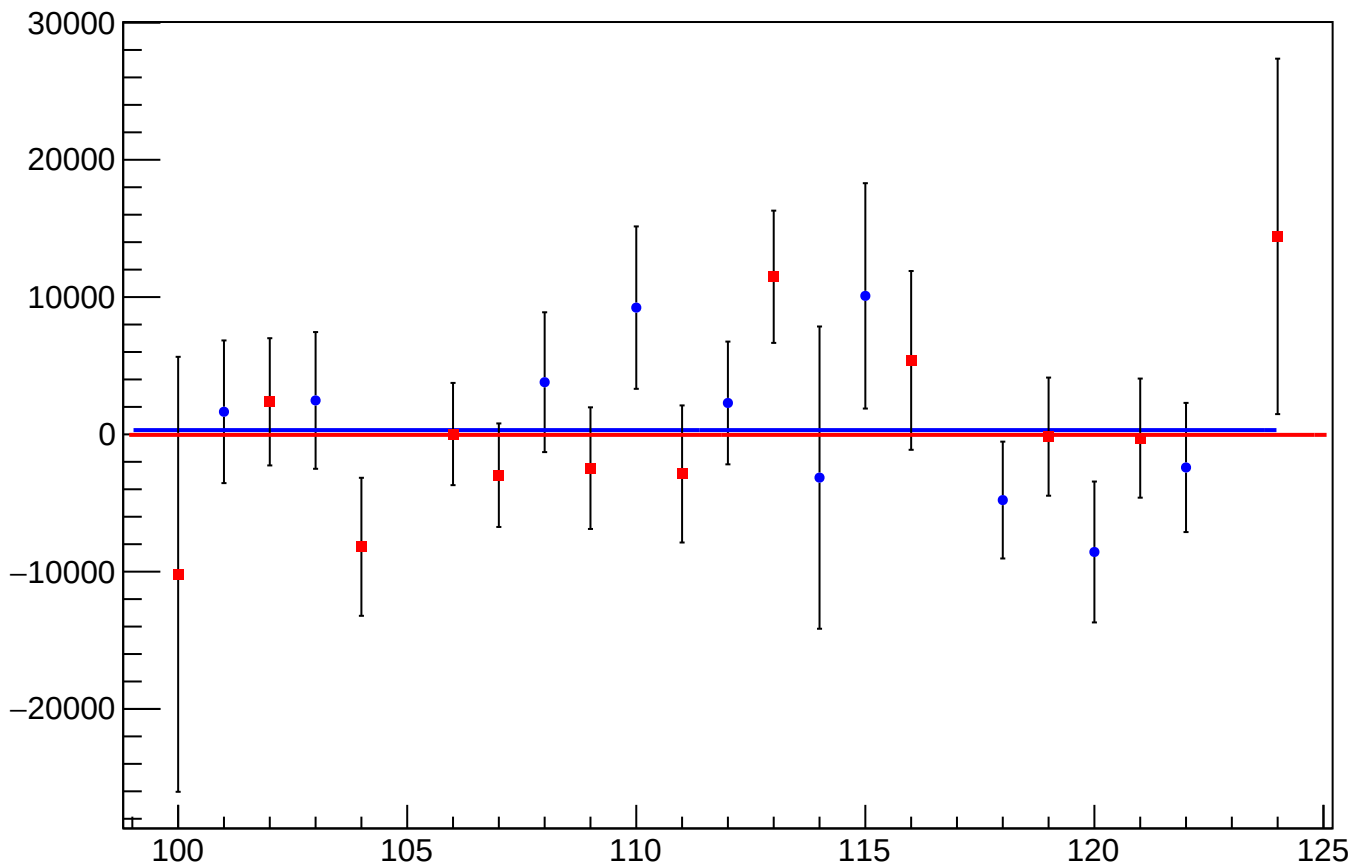
Right: 1307.082+/-0.323 χ^2/NDF : 671550.1/21

In: 1316.587+/-0.476 χ^2/NDF : 486821.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.082+/-0.323 χ^2/NDF : 671550.1/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 310.796 $\pm$ 1675.975 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -36.711 $\pm$ -1409.301 χ^2 /NDF: 12.2/11

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

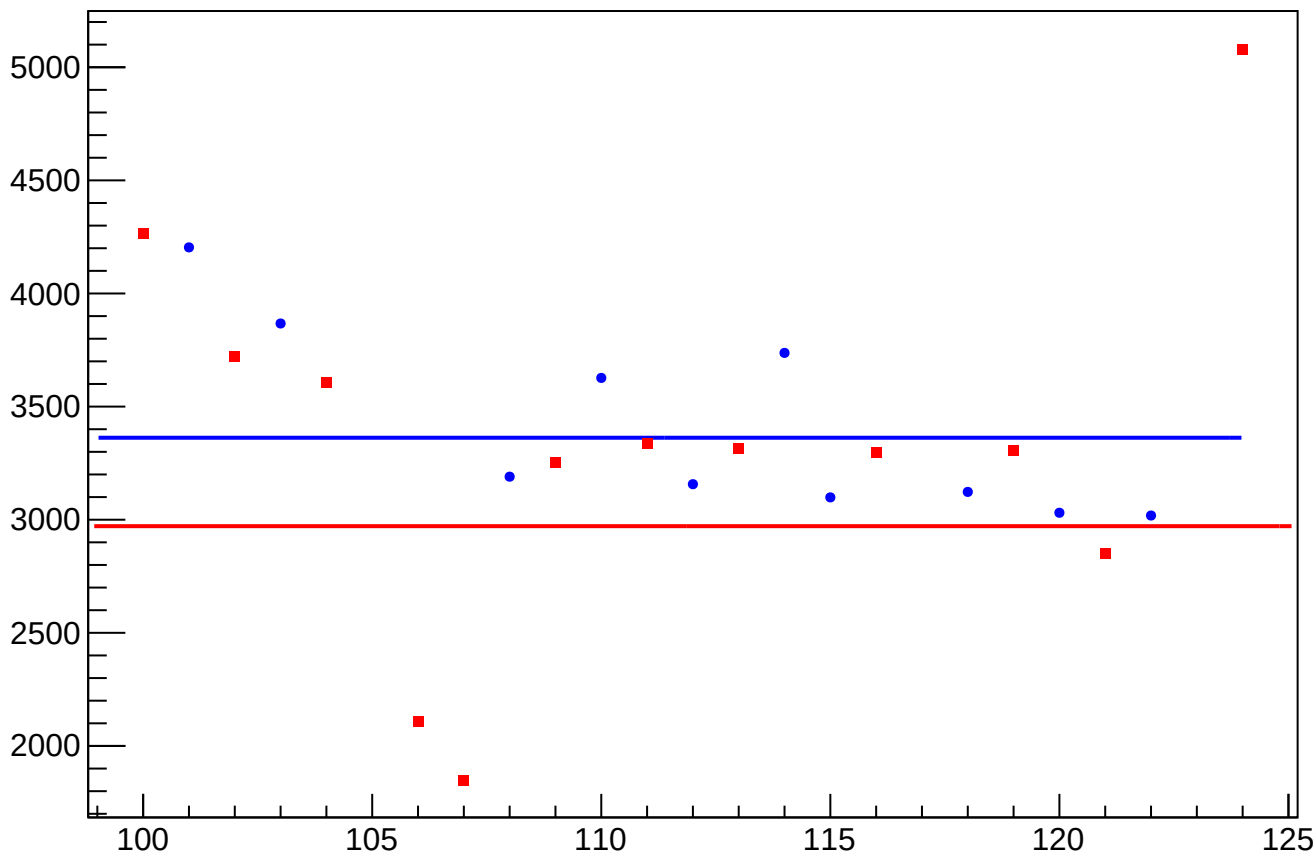
Right: 107.229 $\pm$ -1078.639 χ^2 /NDF: 21.7/21

In: 310.796 $\pm$ -1675.975 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 107.229 $\pm$ -1078.639 χ^2 /NDF: 21.7/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2971.428+/-0.997 χ^2/NDF : 483472.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

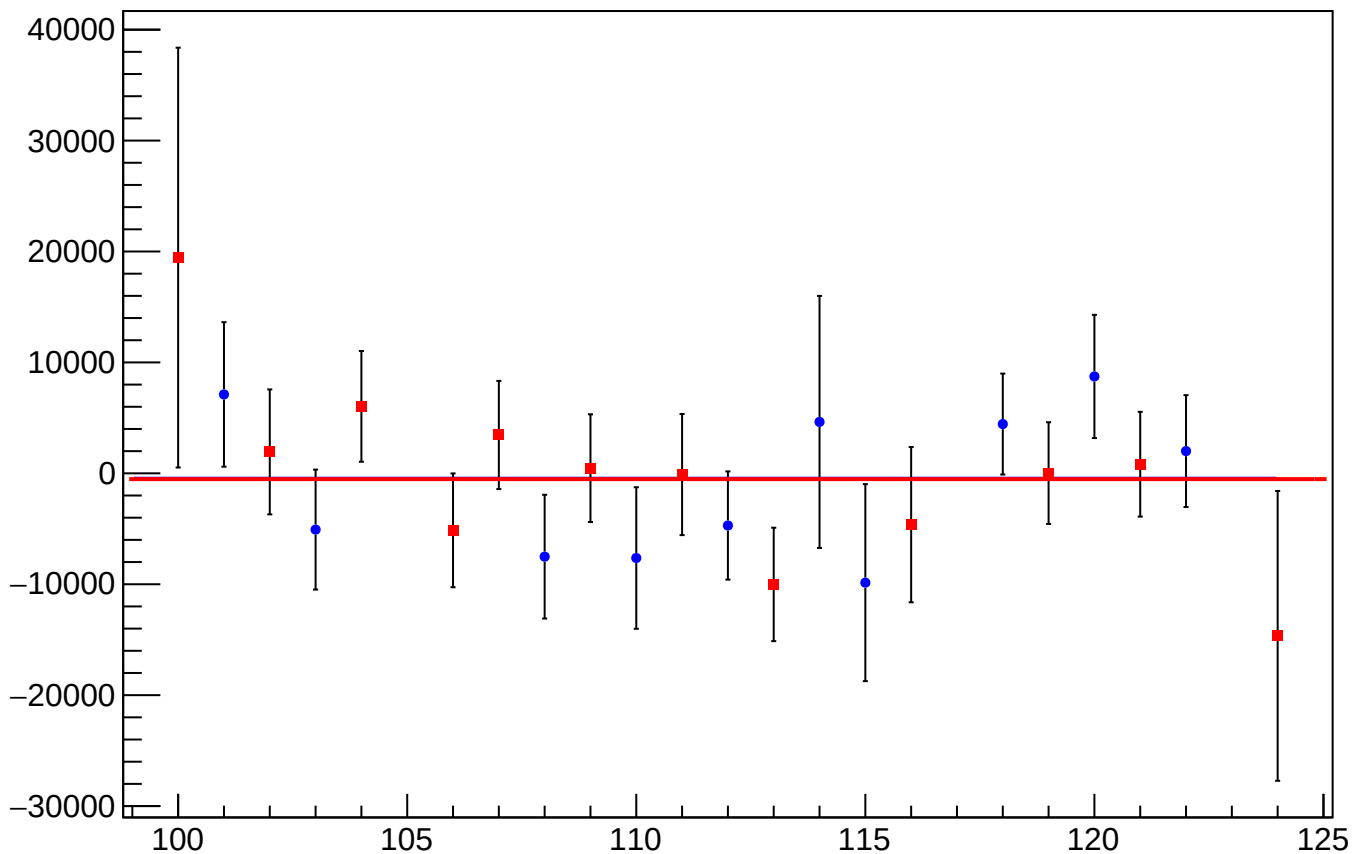
Right: 3133.357+/-0.763 χ^2/NDF : 660475.0/21

In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3133.357+/-0.763 χ^2/NDF : 660475.0/21

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -521.763+/-1606.770 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

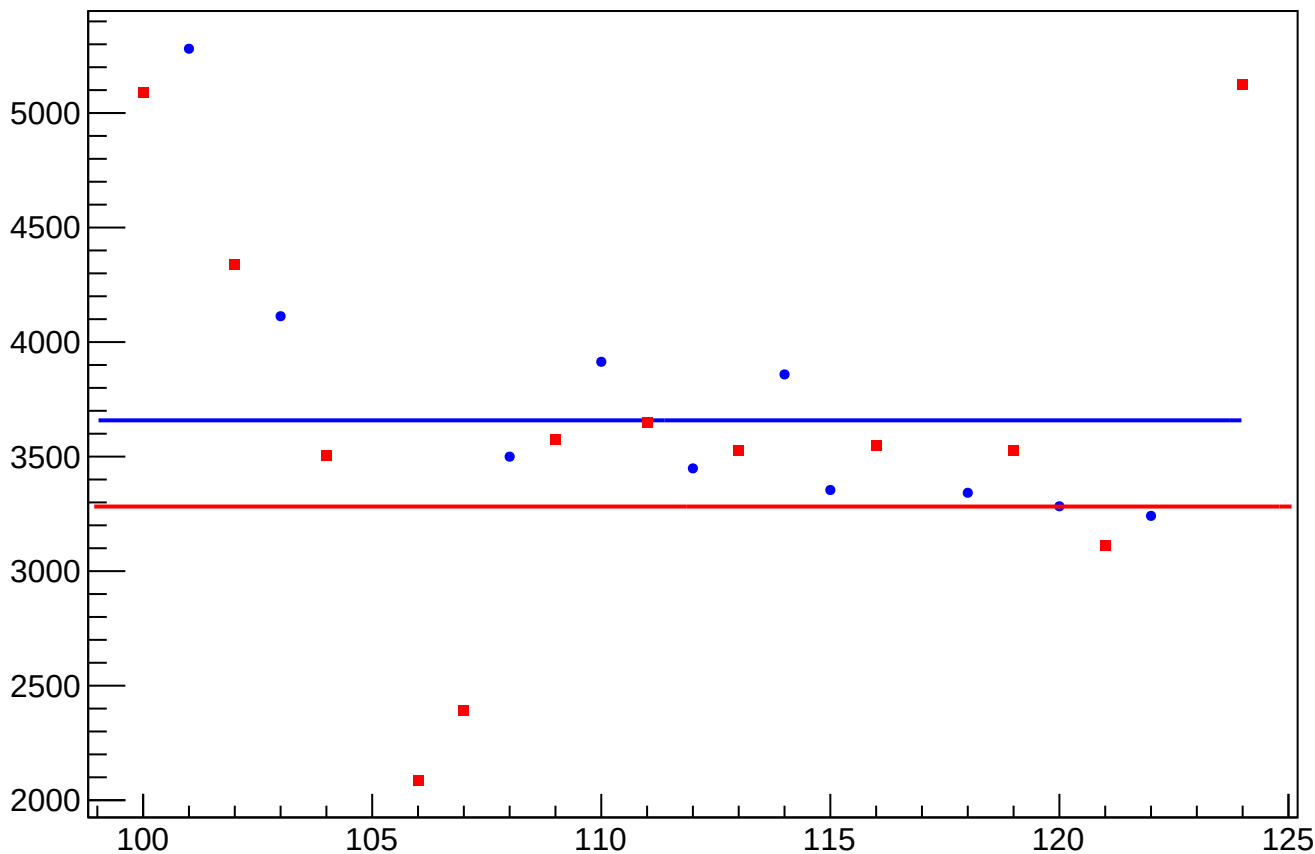
Right: -507.398+/-1208.945 χ^2/NDF : 20.8/21

In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.398+/-1208.945 χ^2/NDF : 20.8/21

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3282.046+/-1.114 χ^2/NDF : 383523.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

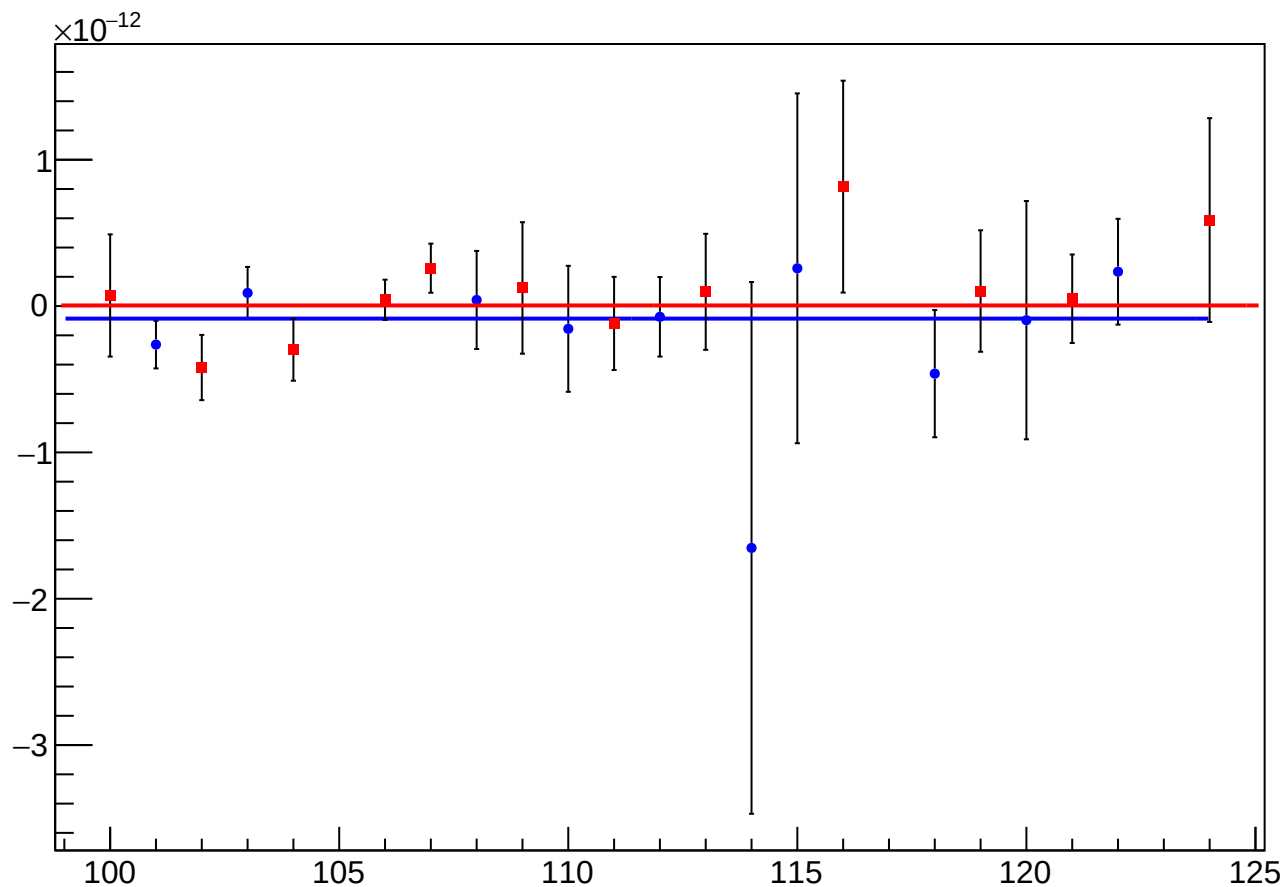
Right: 3441.672+/-0.845 χ^2/NDF : 613928.0/21

In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3441.672+/-0.845 χ^2/NDF : 613928.0/21

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

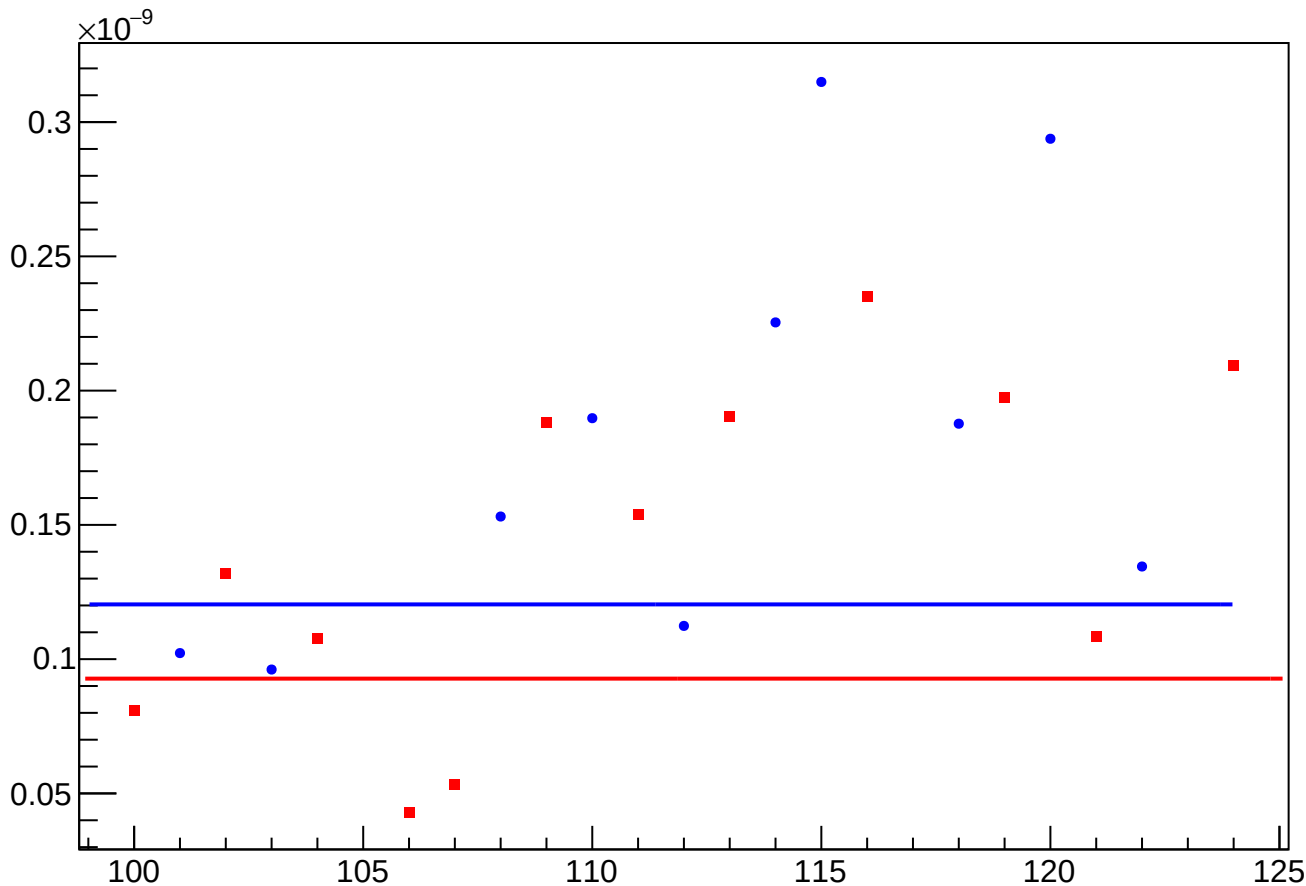
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/21

In: -0.000 $\pm$ 0.000 χ^2 /NDF:4.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/21

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 336127.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 997695.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

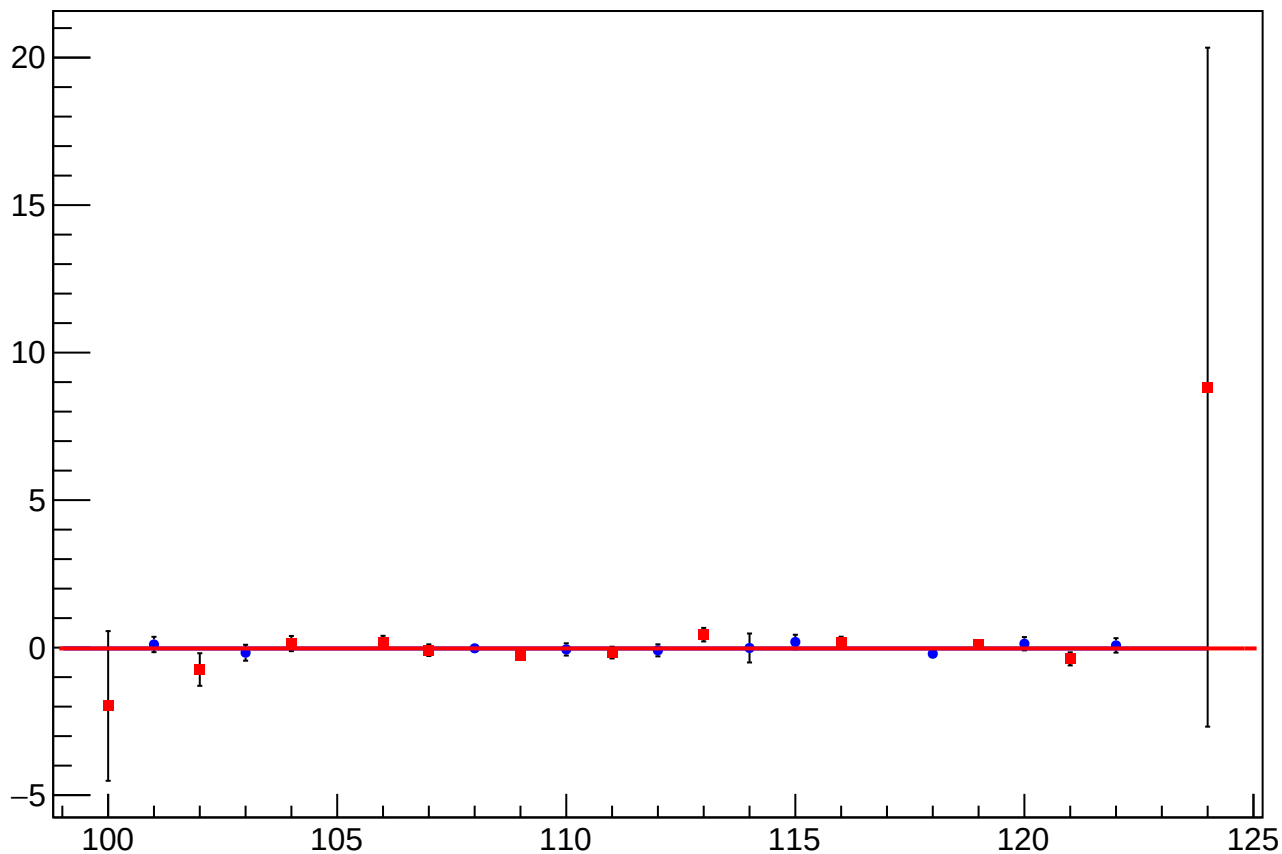
Right: 0.000+/-0.000 χ^2/NDF : 1439374.2/21

In: 0.000+/-0.000 χ^2/NDF : 336127.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1439374.2/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.065 χ^2/NDF : 15.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

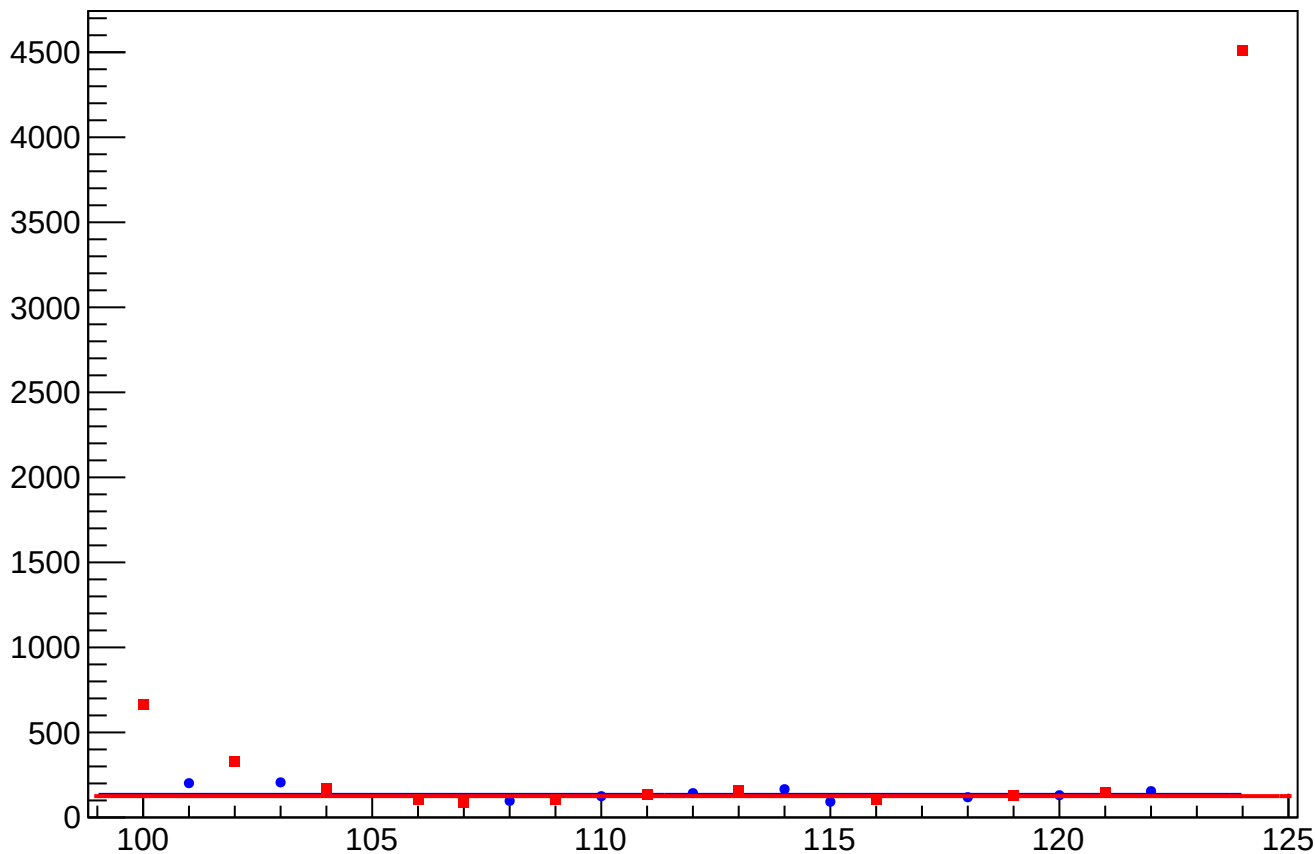
Right: -0.029 ± 0.047 χ^2/NDF : 18.6/21

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.047 χ^2/NDF : 18.6/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.402+/-0.046 χ^2/NDF : 900514.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

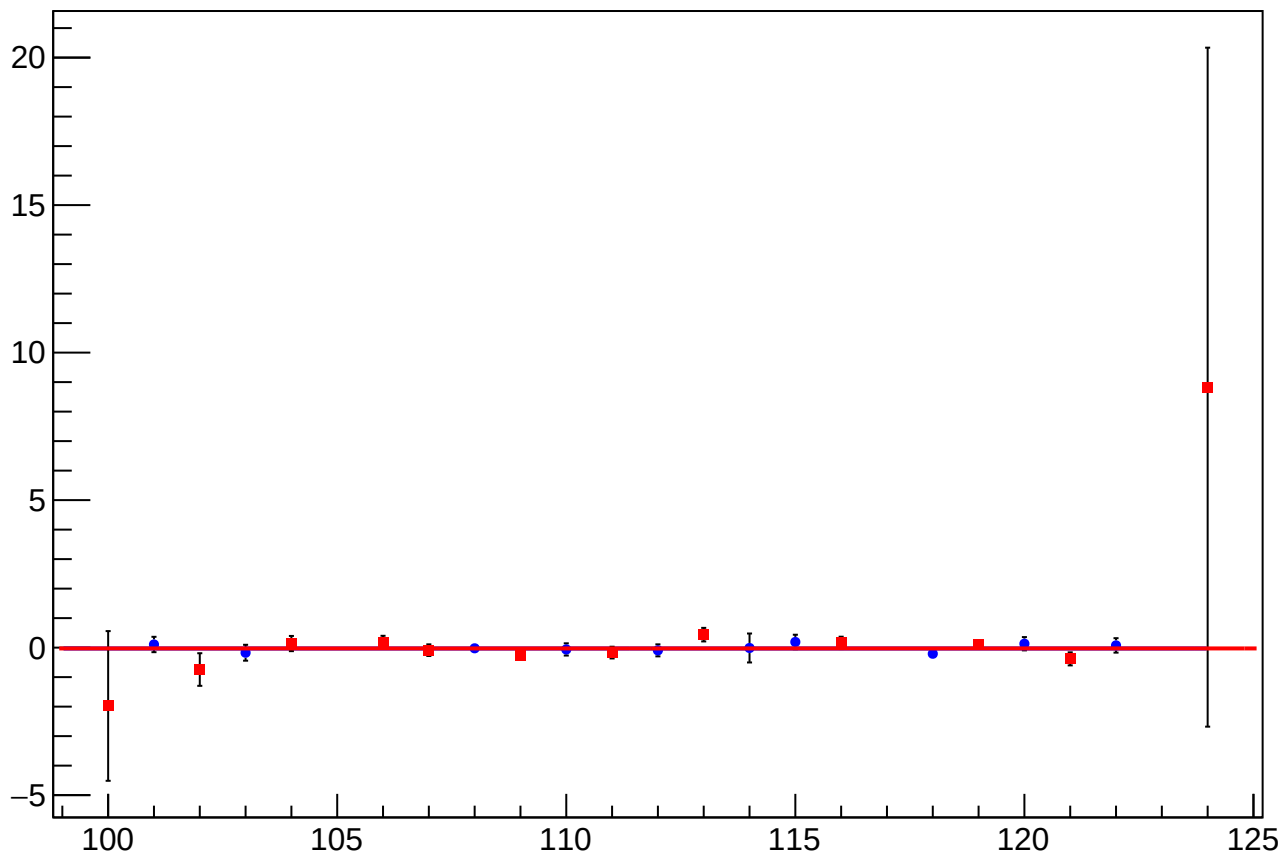
Right: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.065 χ^2/NDF : 15.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

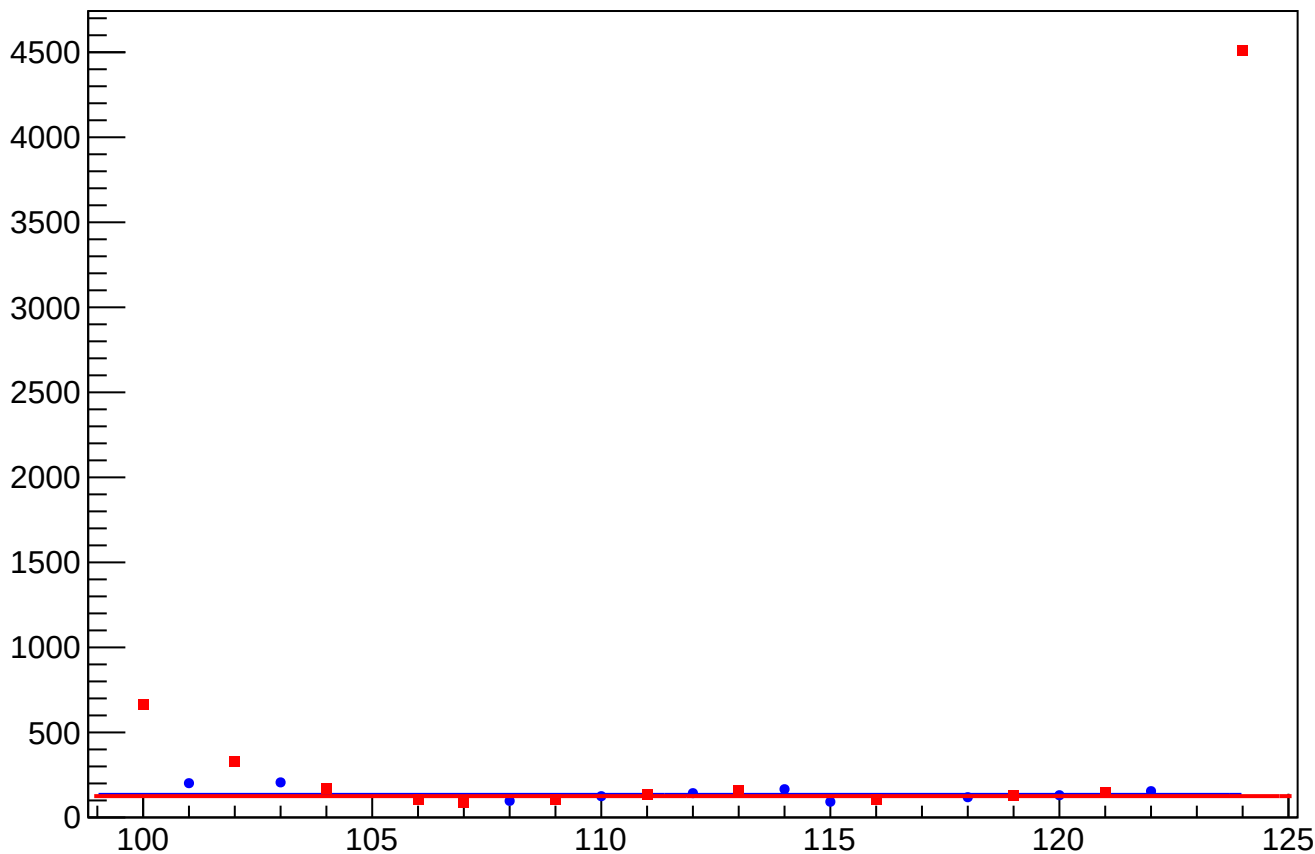
Right: -0.029 ± 0.047 χ^2/NDF : 18.6/21

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.047 χ^2/NDF : 18.6/21

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.402+/-0.046 χ^2/NDF : 900514.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

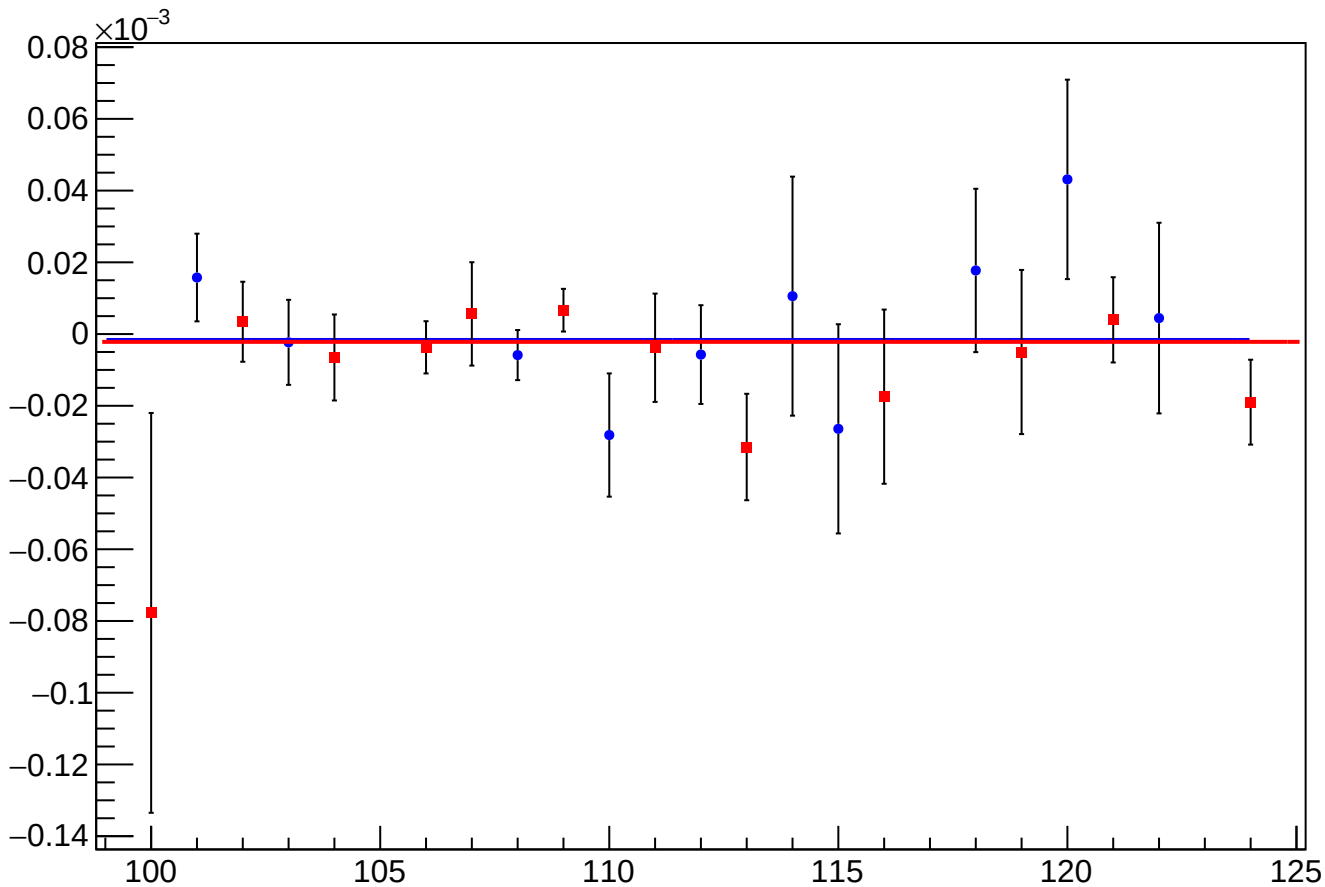
Right: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.903+/-0.034 χ^2/NDF : 1398704.9/21

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: 9.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.4/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

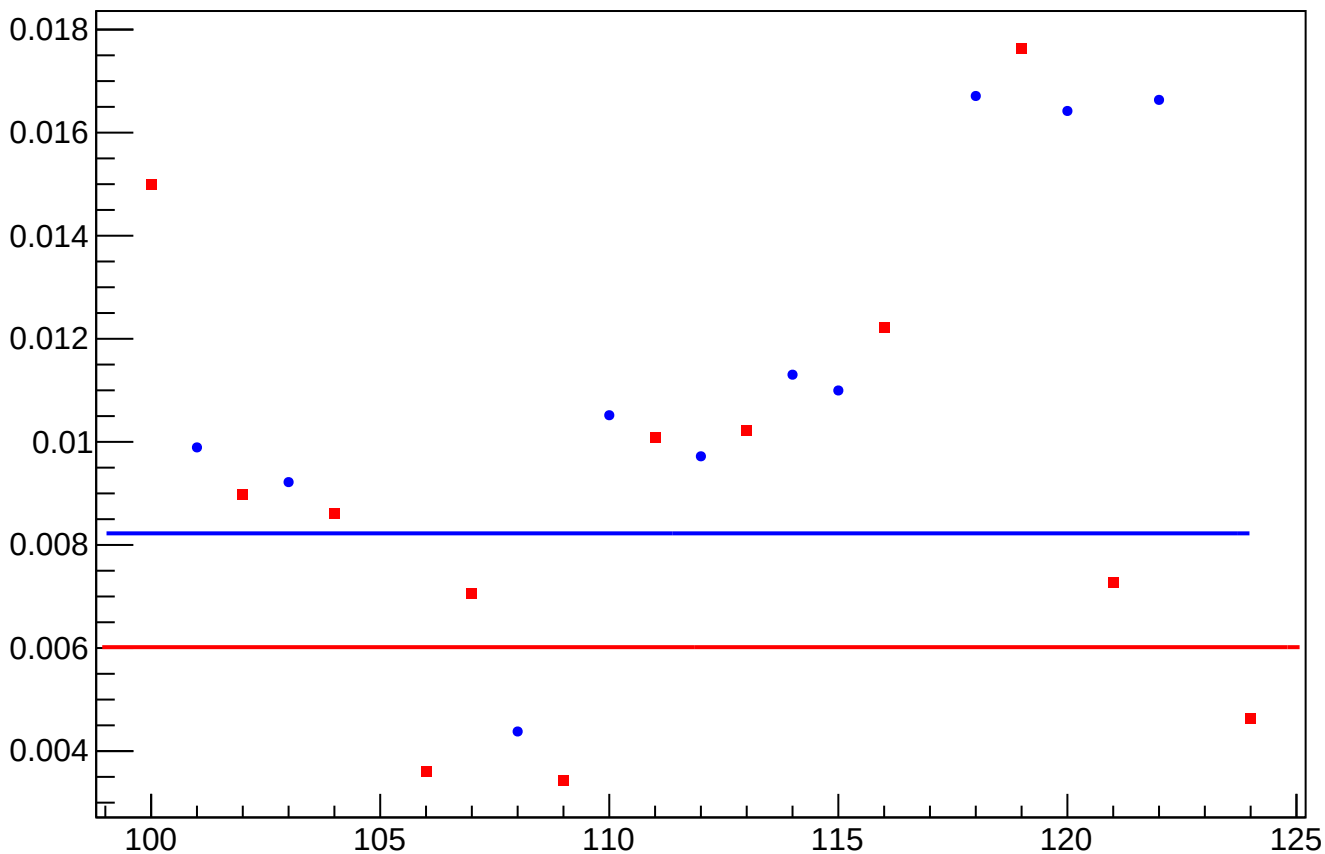
Right: -0.000+/-0.000 χ^2 /NDF: 20.5/21

In: -0.000+/-0.000 χ^2 /NDF:9.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.5/21

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 : 1403174.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1894780.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

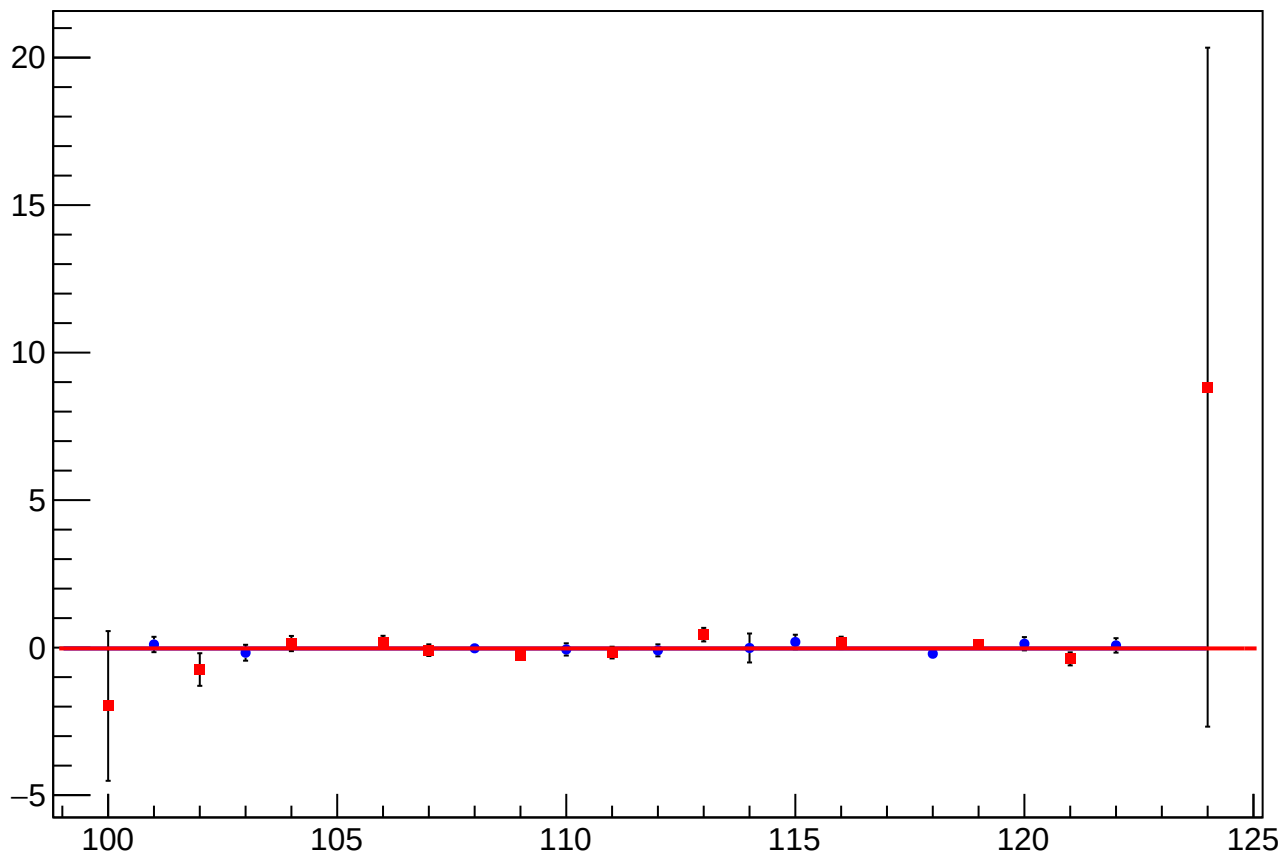
Right: 0.007+/-0.000 χ^2/NDF : 3614888.1/21

In: 0.008+/-0.000 χ^2/NDF : 1403174.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3614888.1/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.065 χ^2/NDF : 15.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

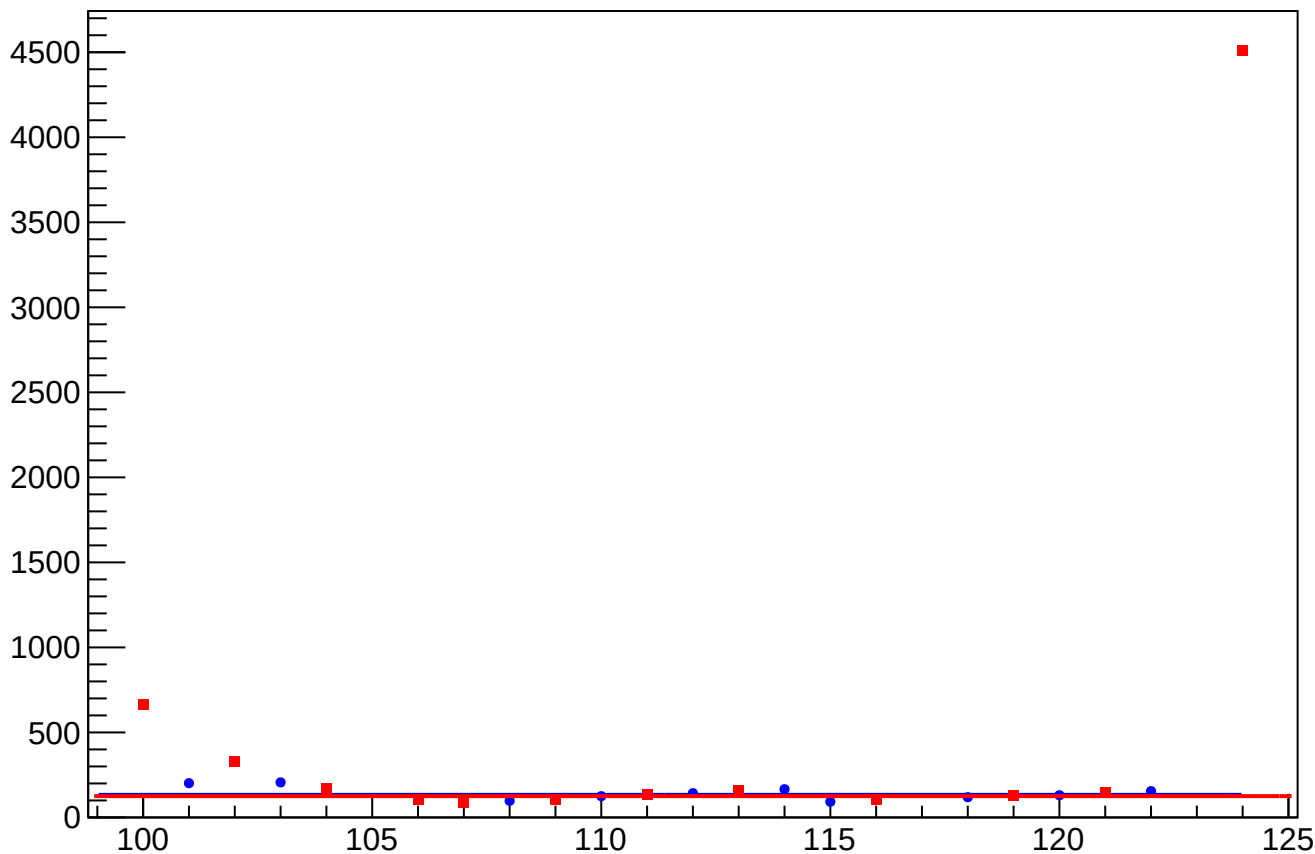
Right: -0.029 ± 0.047 χ^2/NDF : 18.6/21

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.047 χ^2/NDF : 18.6/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.404+/-0.046 χ^2/NDF : 900463.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

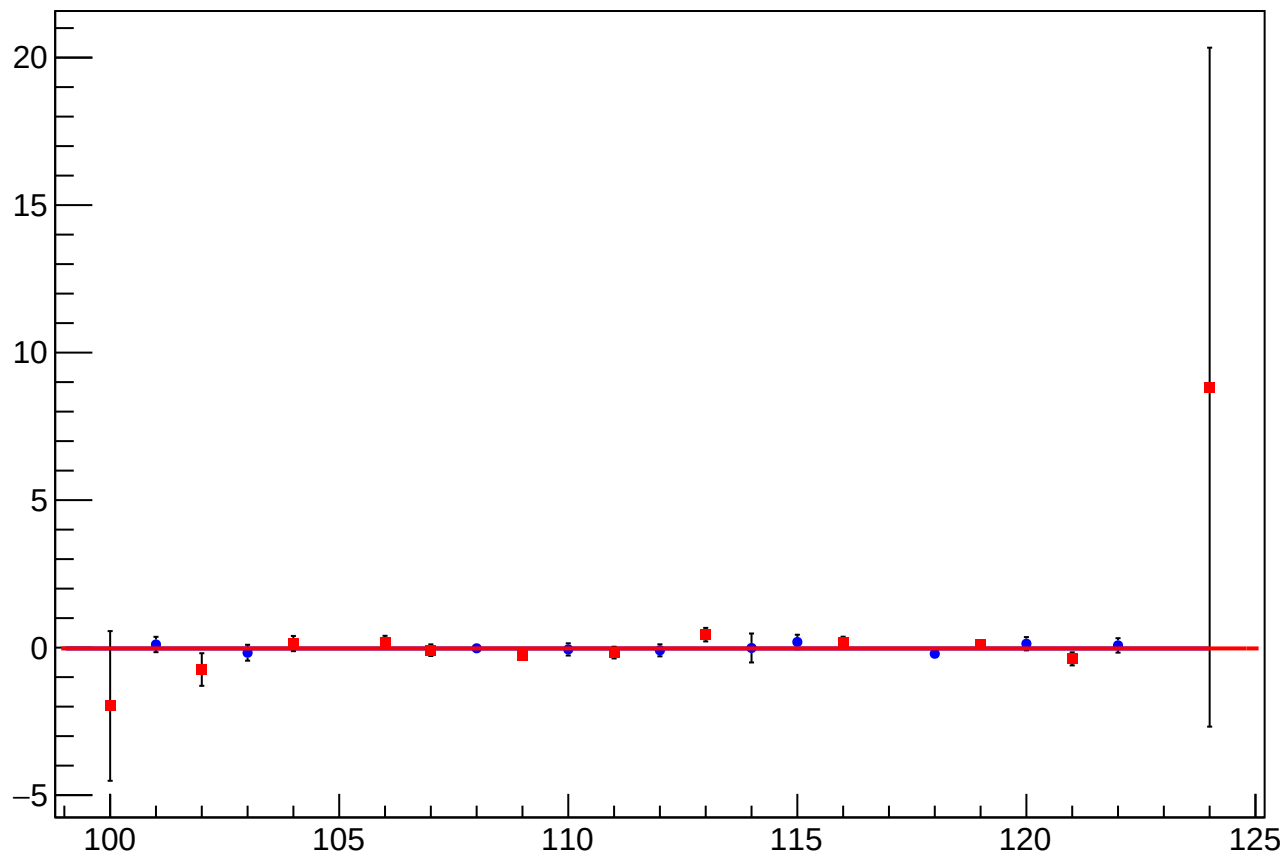
Right: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.065 χ^2/NDF : 15.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

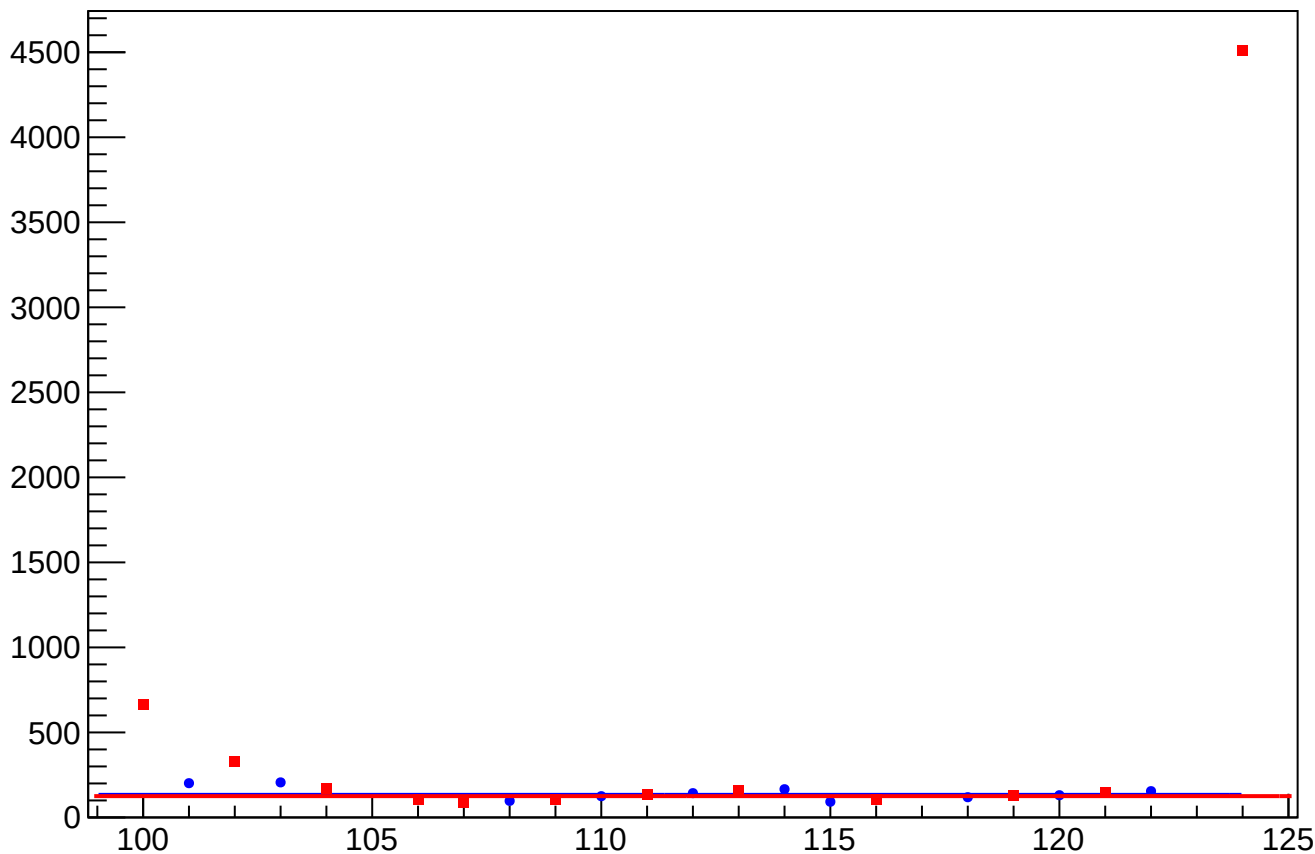
Right: -0.029 ± 0.047 χ^2/NDF : 18.6/21

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.047 χ^2/NDF : 18.6/21

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.404+/-0.046 χ^2/NDF : 900463.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

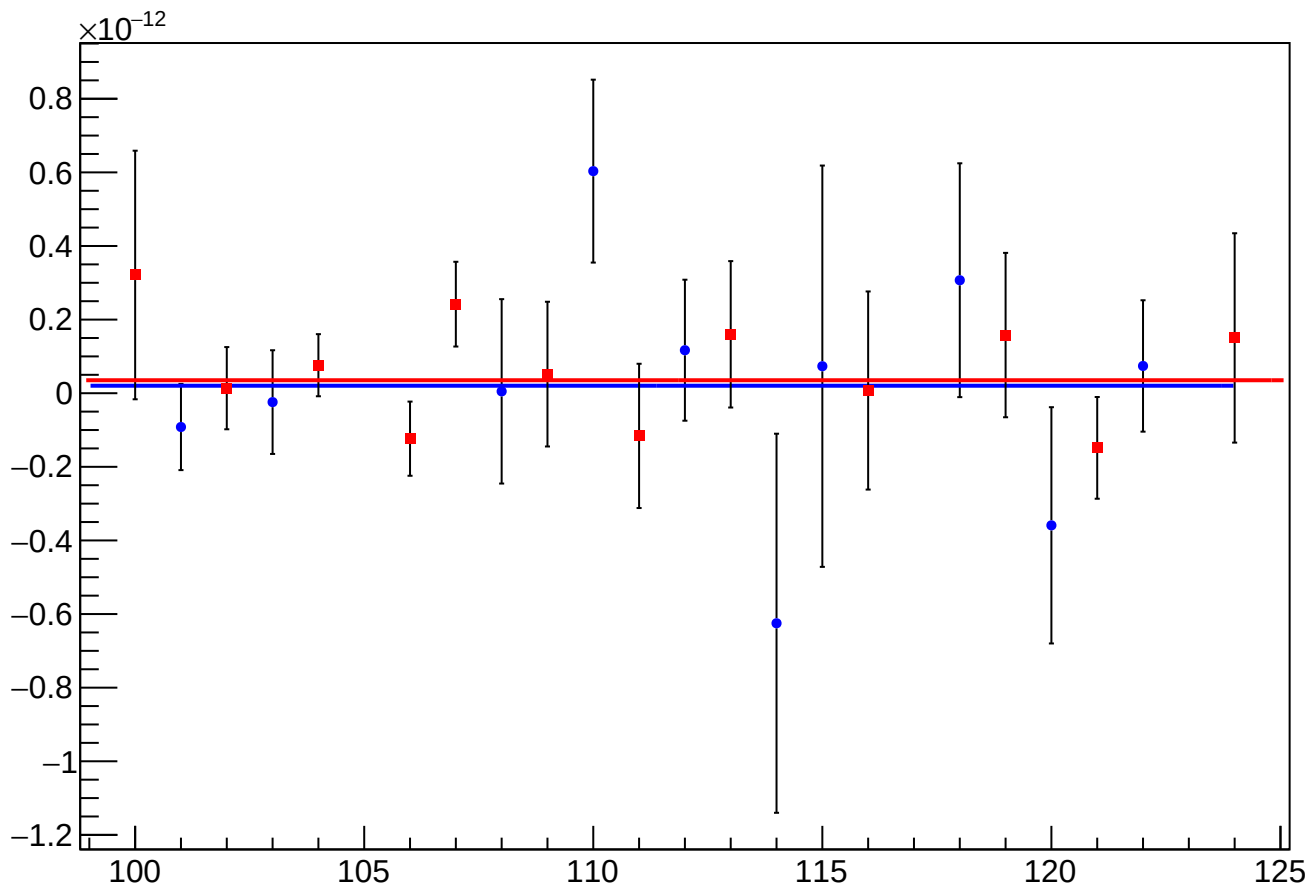
Right: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.904+/-0.034 χ^2/NDF : 1398618.6/21

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 : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

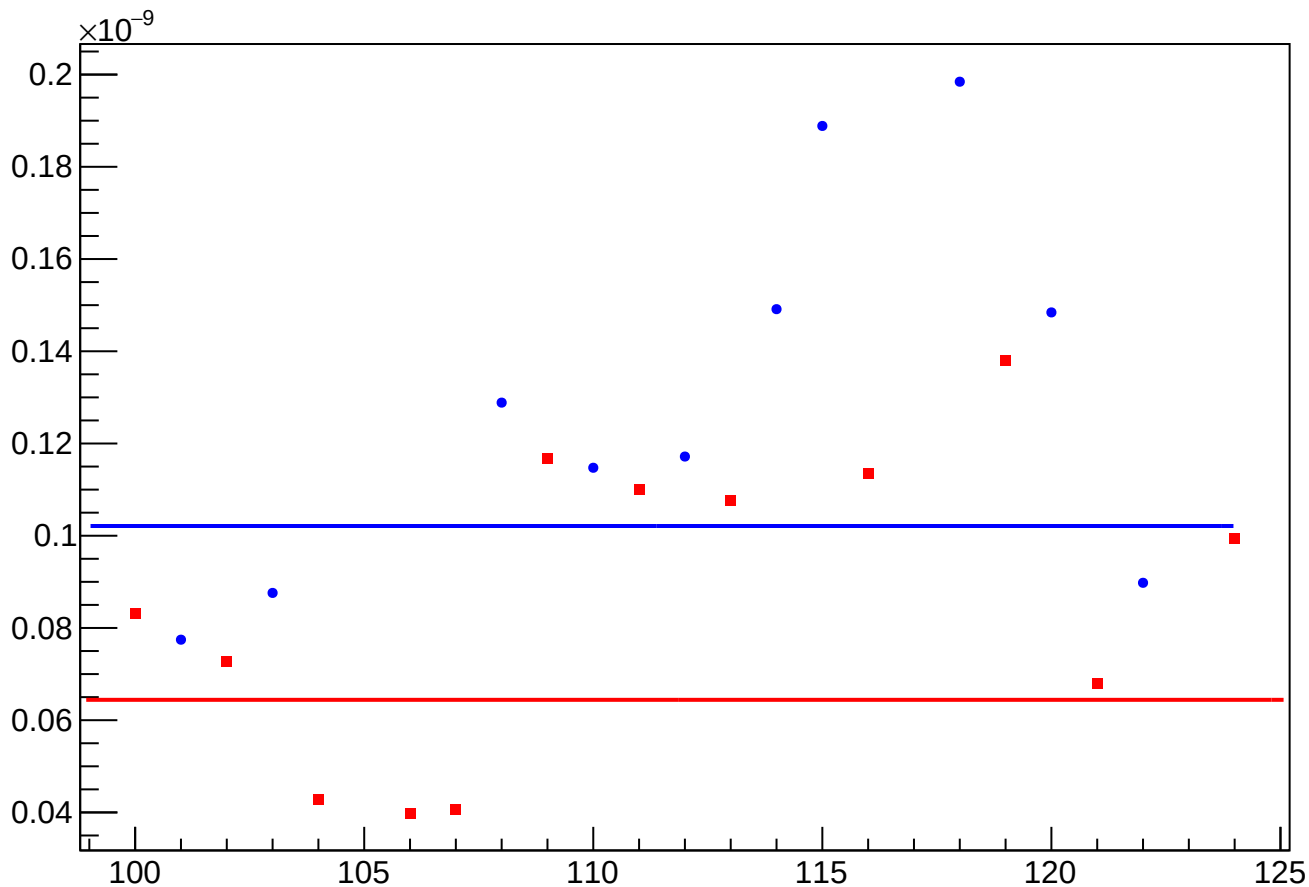
Right: 0.000+/-0.000 χ^2/NDF : 20.6/21

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 : 20.6/21

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 : 452611.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1012453.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

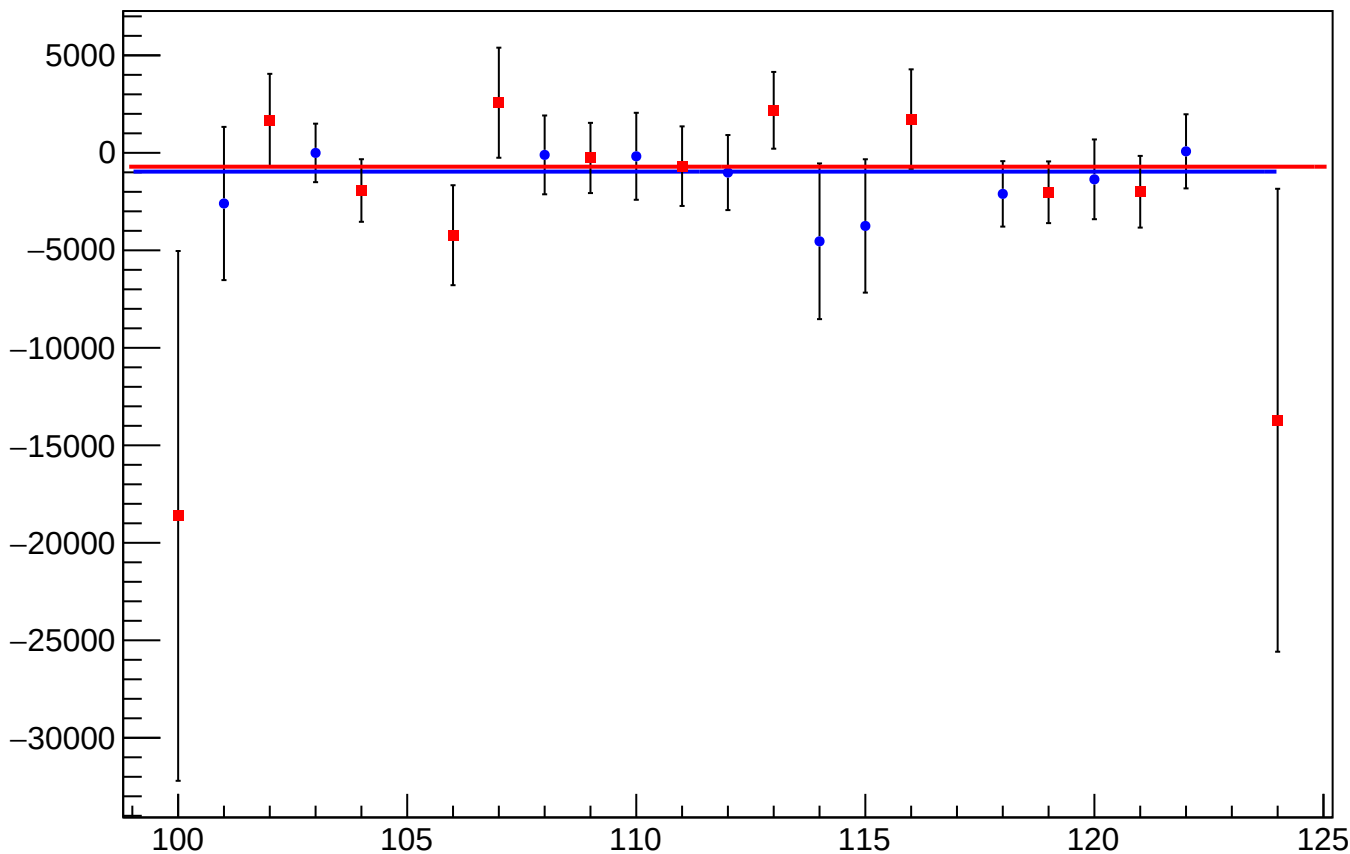
Right: 0.000+/-0.000 χ^2/NDF : 1948382.1/21

In: 0.000+/-0.000 χ^2/NDF : 452611.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1948382.1/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -962.633+/-667.575 χ^2/NDF : 3.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -710.547+/-631.018 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

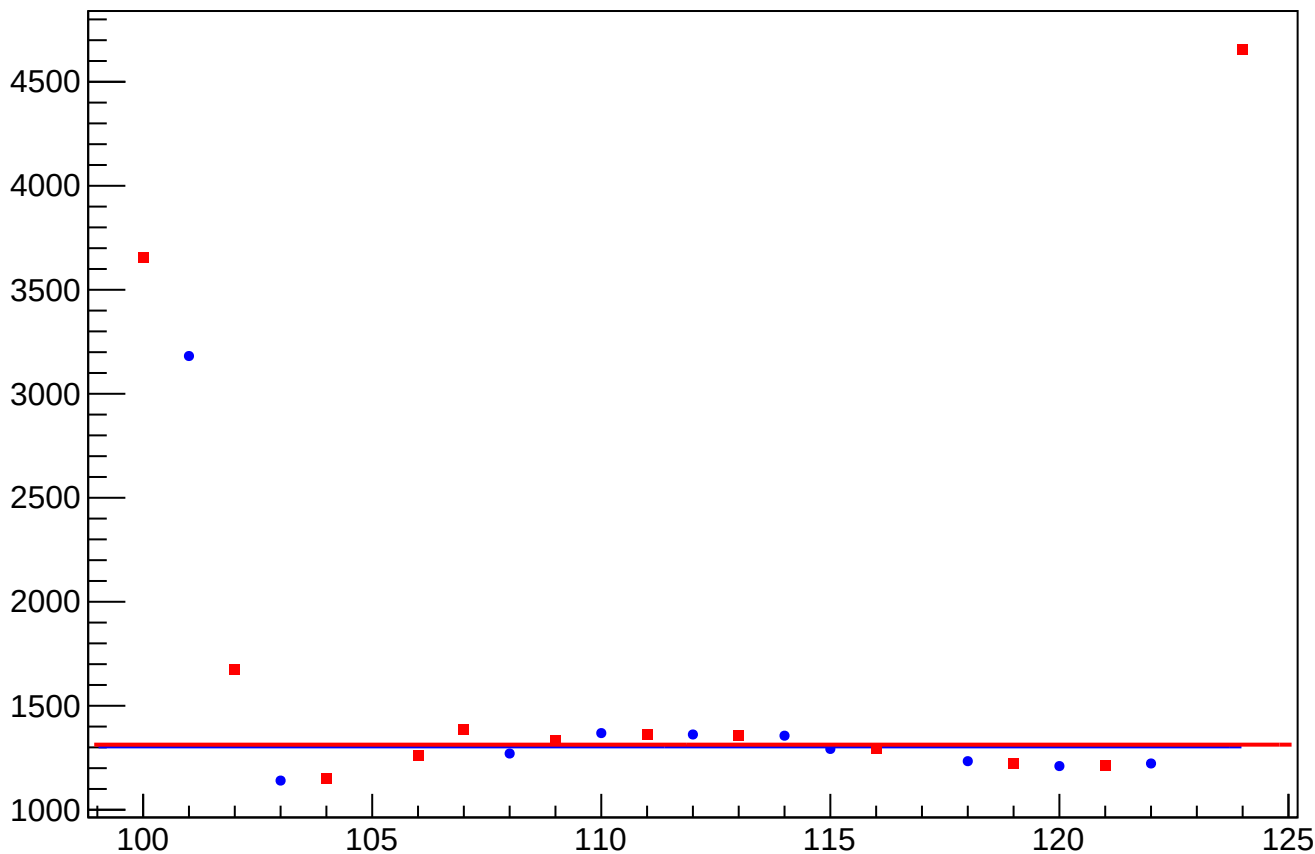
Right: -829.499+/-458.576 χ^2/NDF : 15.3/21

In: -962.633+/-667.575 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -829.499+/-458.576 χ^2/NDF : 15.3/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1304.745+/-0.472 χ^2/NDF : 496421.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1313.064+/-0.446 χ^2/NDF : 303056.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

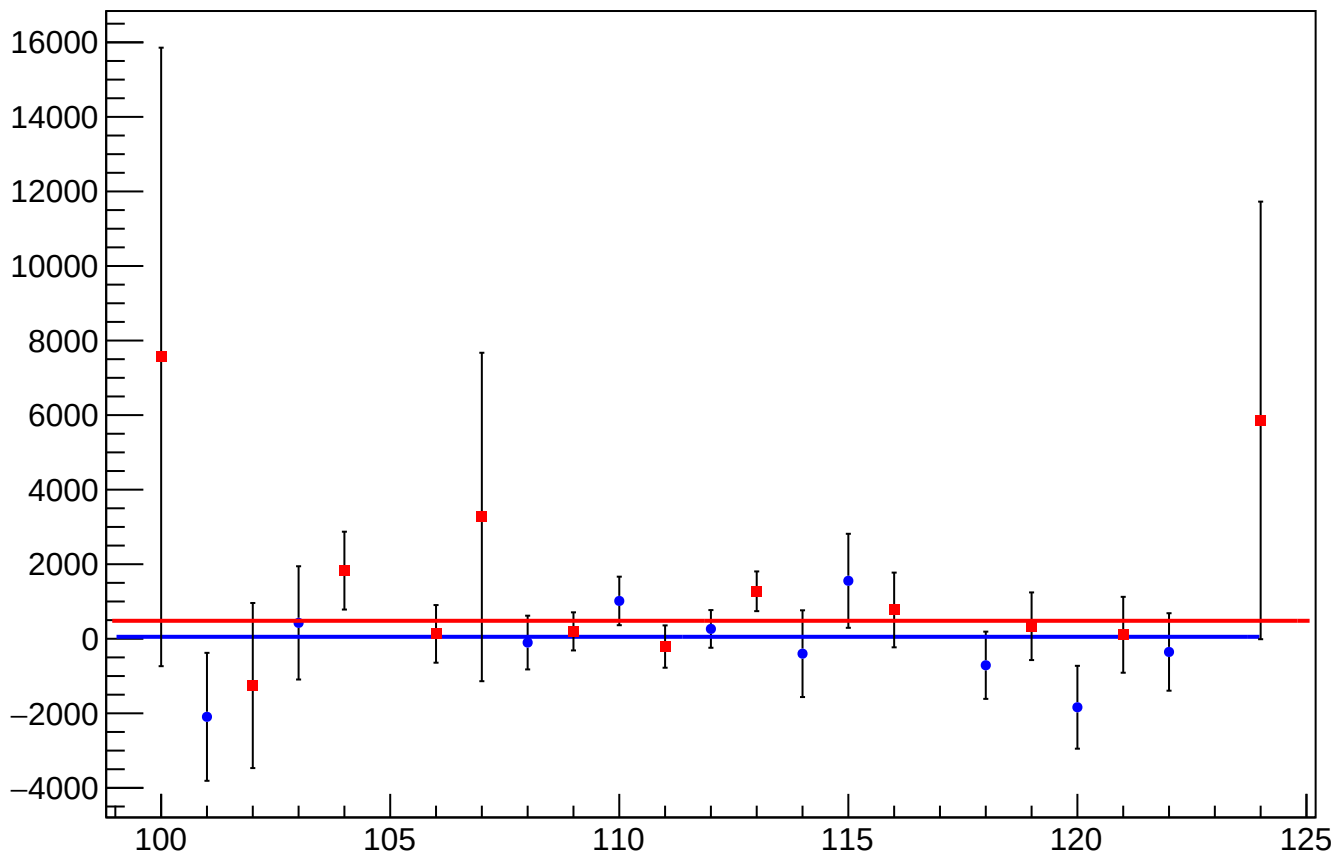
Right: 1309.138+/-0.324 χ^2/NDF : 799642.1/21

In: 1304.745+/-0.472 χ^2/NDF : 496421.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.138+/-0.324 χ^2/NDF : 799642.1/21

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 52.611+/-274.168 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.135+/-246.017 χ^2/NDF : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

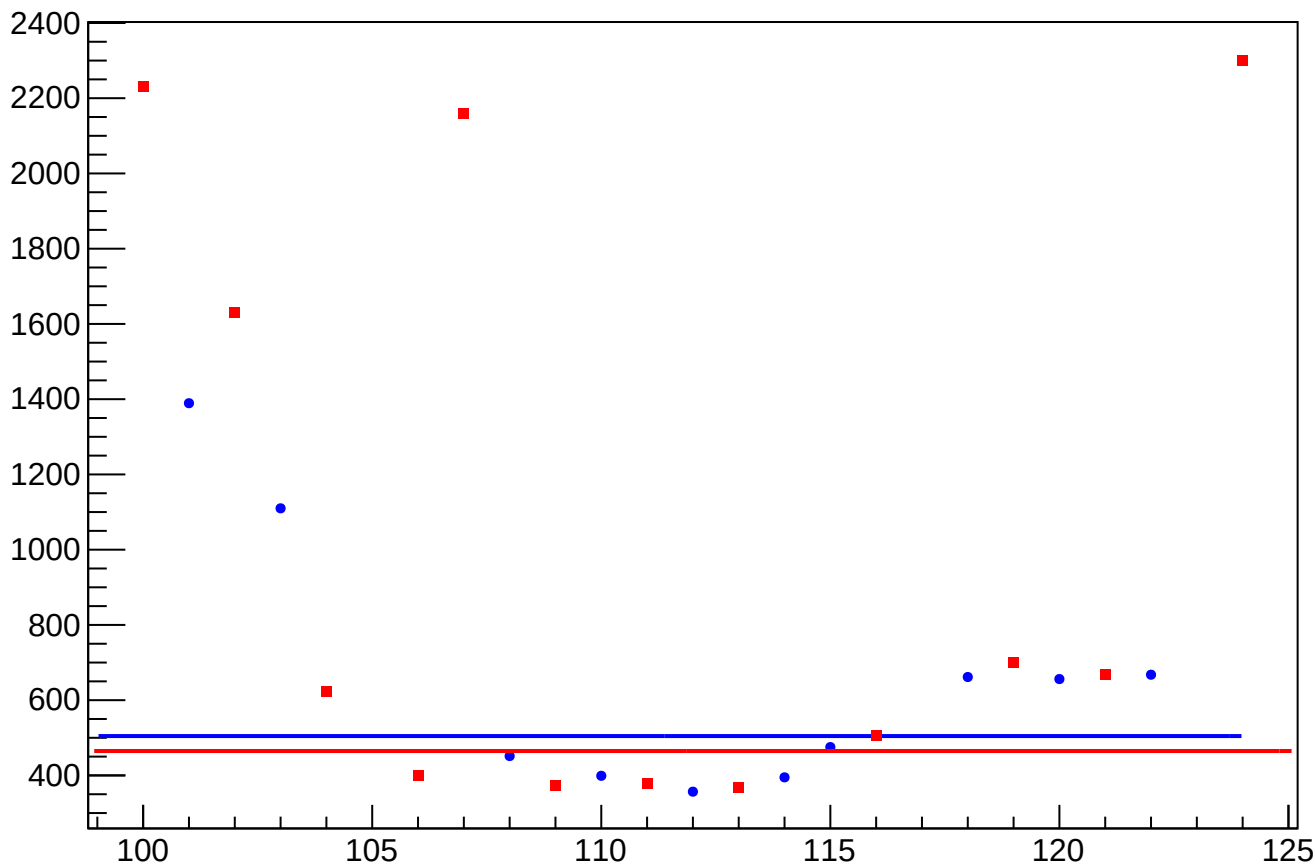
Right: 290.550+/-183.107 χ^2/NDF : 19.4/21

In: 52.611+/-274.168 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.550+/-183.107 χ^2/NDF : 19.4/21

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 504.601+/-0.194 χ^2/NDF : 1249387.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.934+/-0.174 χ^2/NDF : 1590479.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

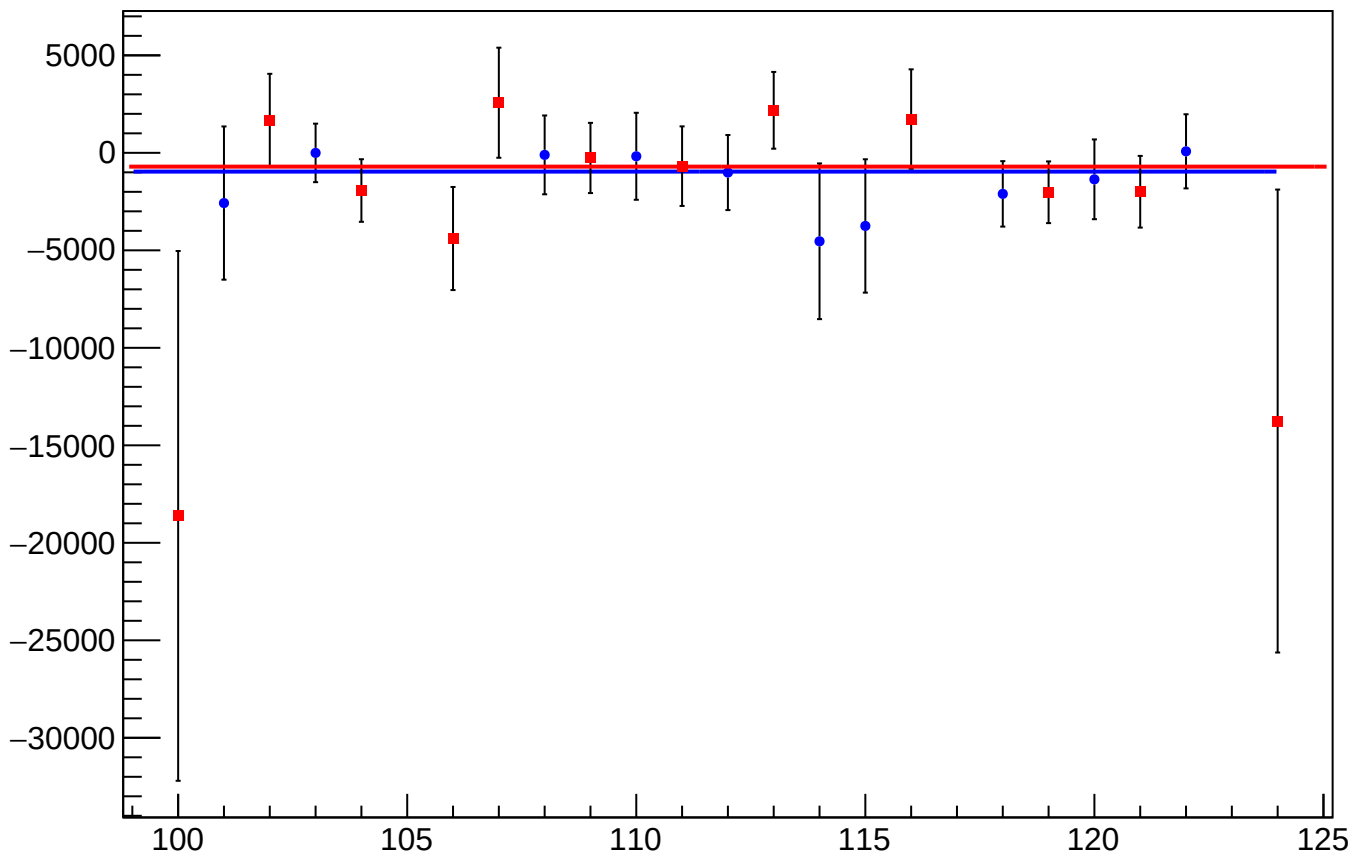
Right: 482.627+/-0.129 χ^2/NDF : 2863059.1/21

In: 504.601+/-0.194 χ^2/NDF : 1249387.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.627+/-0.129 χ^2/NDF : 2863059.1/21

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -707.613+/-632.165 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

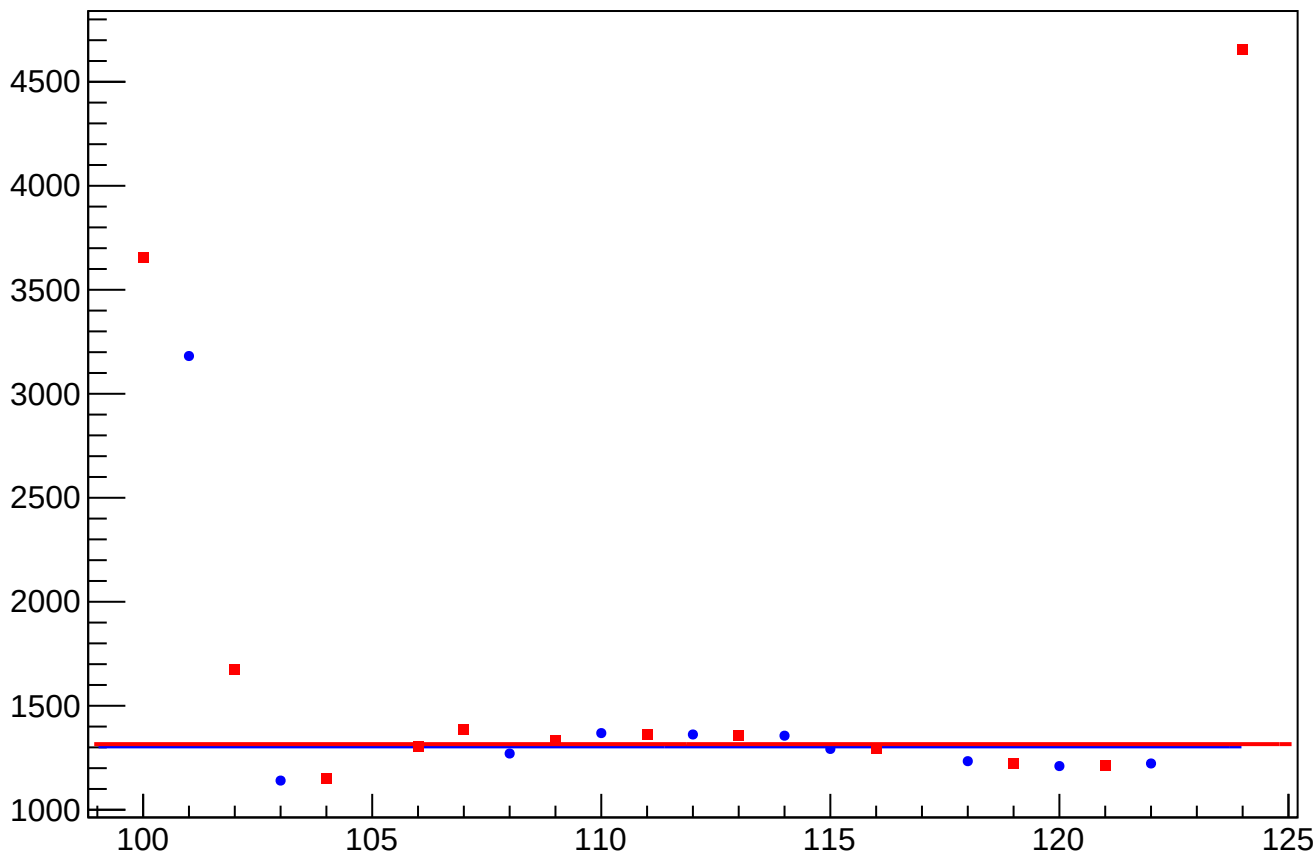
Right: -827.848+/-459.016 χ^2/NDF : 15.4/21

In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -827.848+/-459.016 χ^2/NDF : 15.4/21

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.578+/-0.447 χ^2/NDF : 302289.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

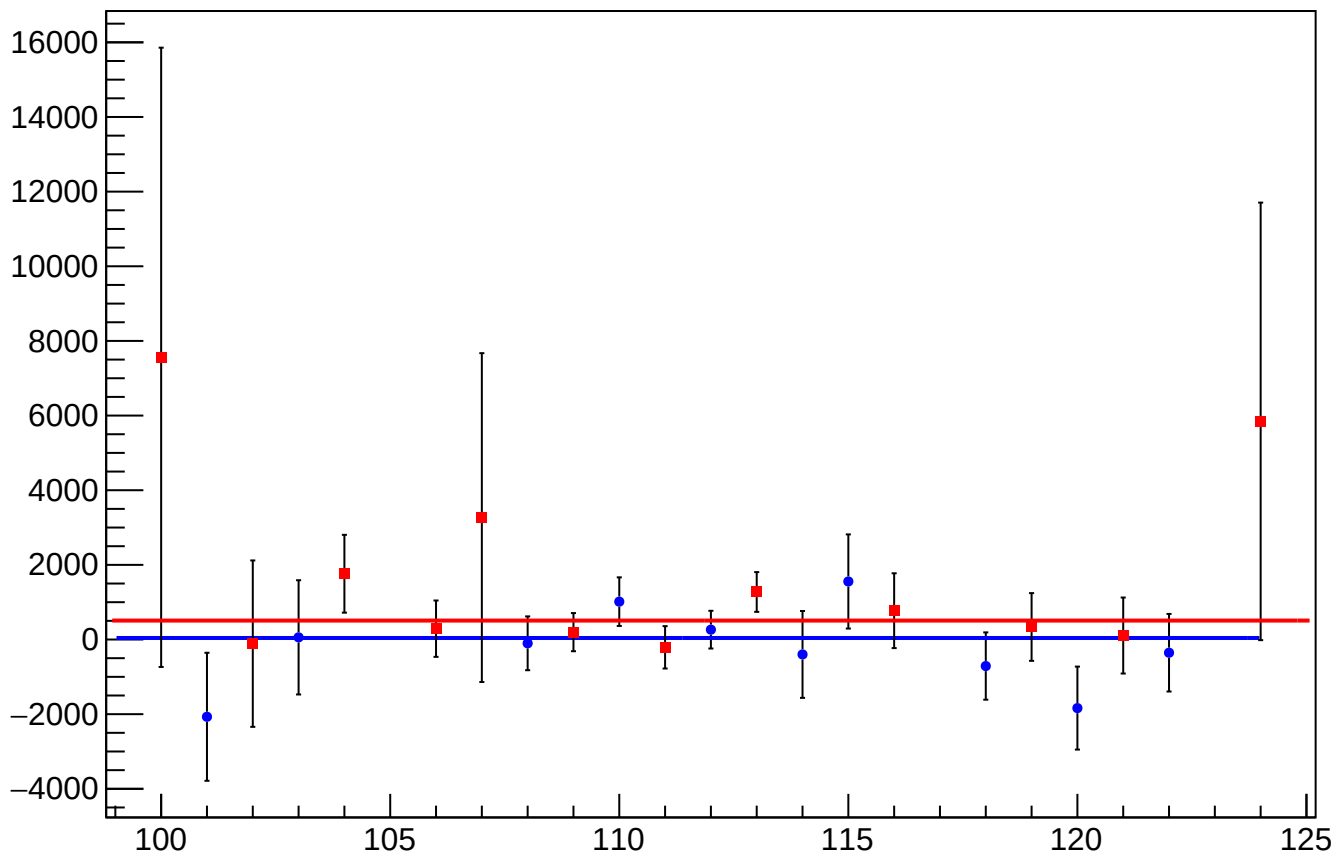
Right: 1310.456+/-0.325 χ^2/NDF : 798989.8/21

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.456+/-0.325 χ^2/NDF : 798989.8/21

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 507.734+/-245.407 χ^2/NDF : 7.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

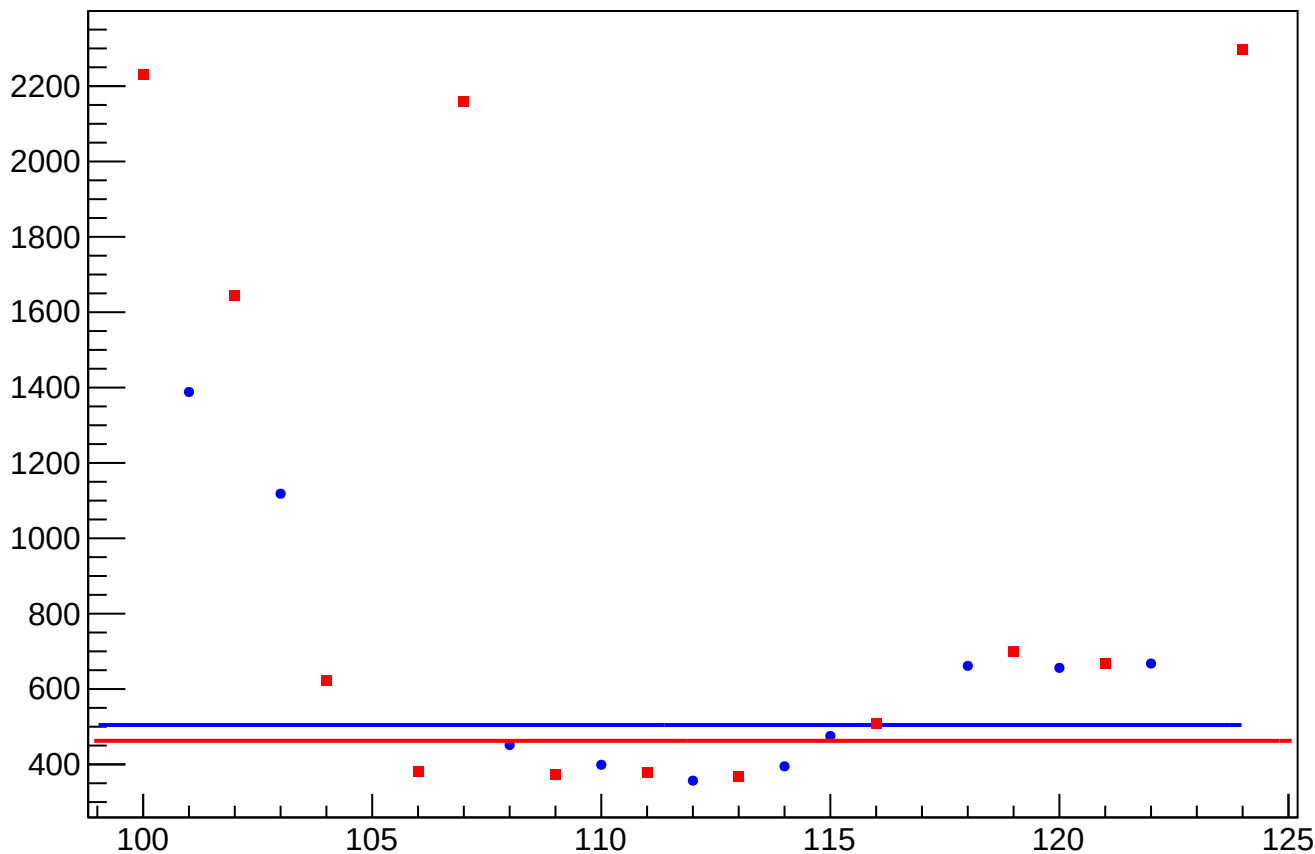
Right: 300.266+/-182.873 χ^2/NDF : 18.7/21

In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.266+/-182.873 χ^2/NDF : 18.7/21

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.543+/-0.174 χ^2/NDF : 1607861.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

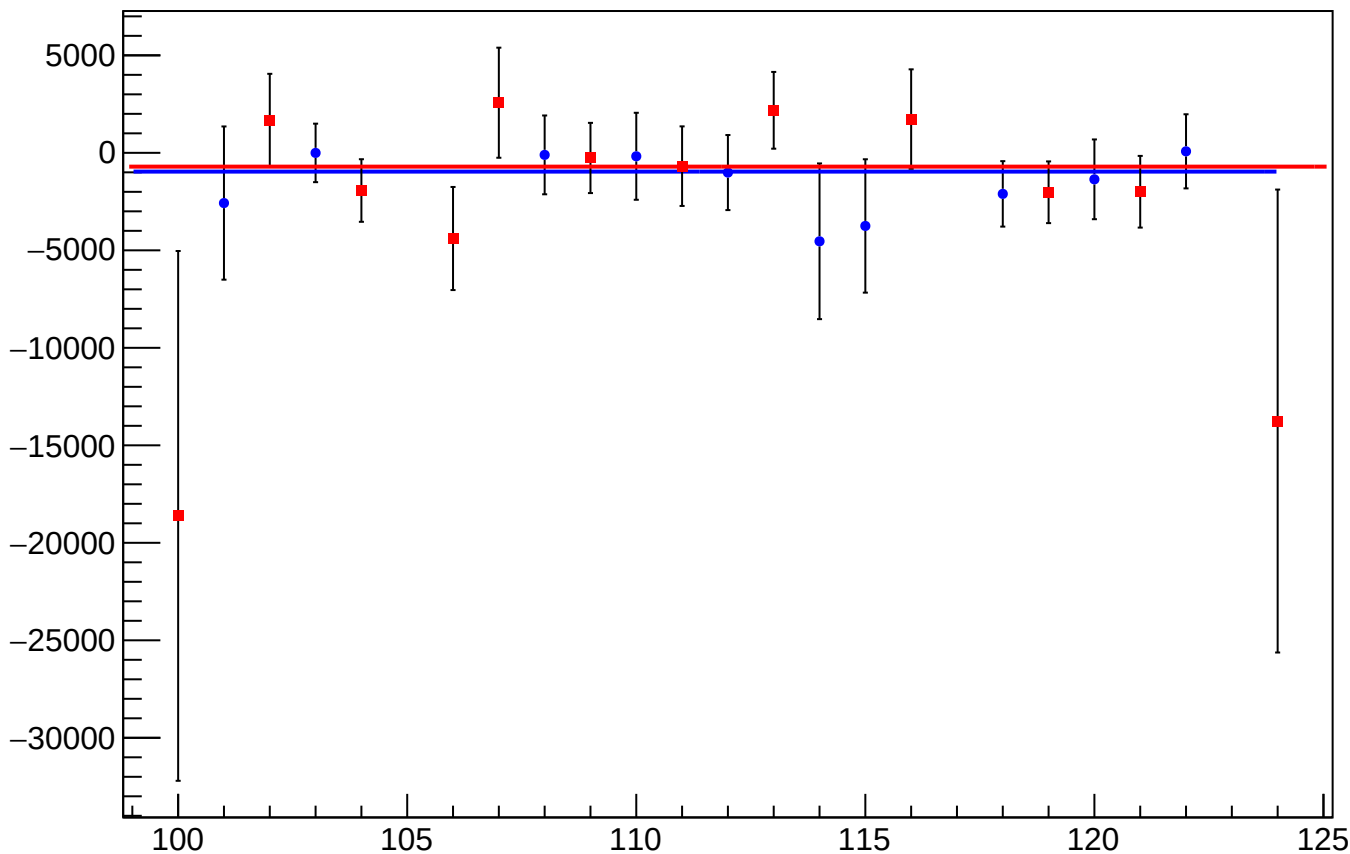
Right: 481.242+/-0.129 χ^2/NDF : 2887019.0/21

In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.242+/-0.129 χ^2/NDF : 2887019.0/21

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -707.613+/-632.165 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

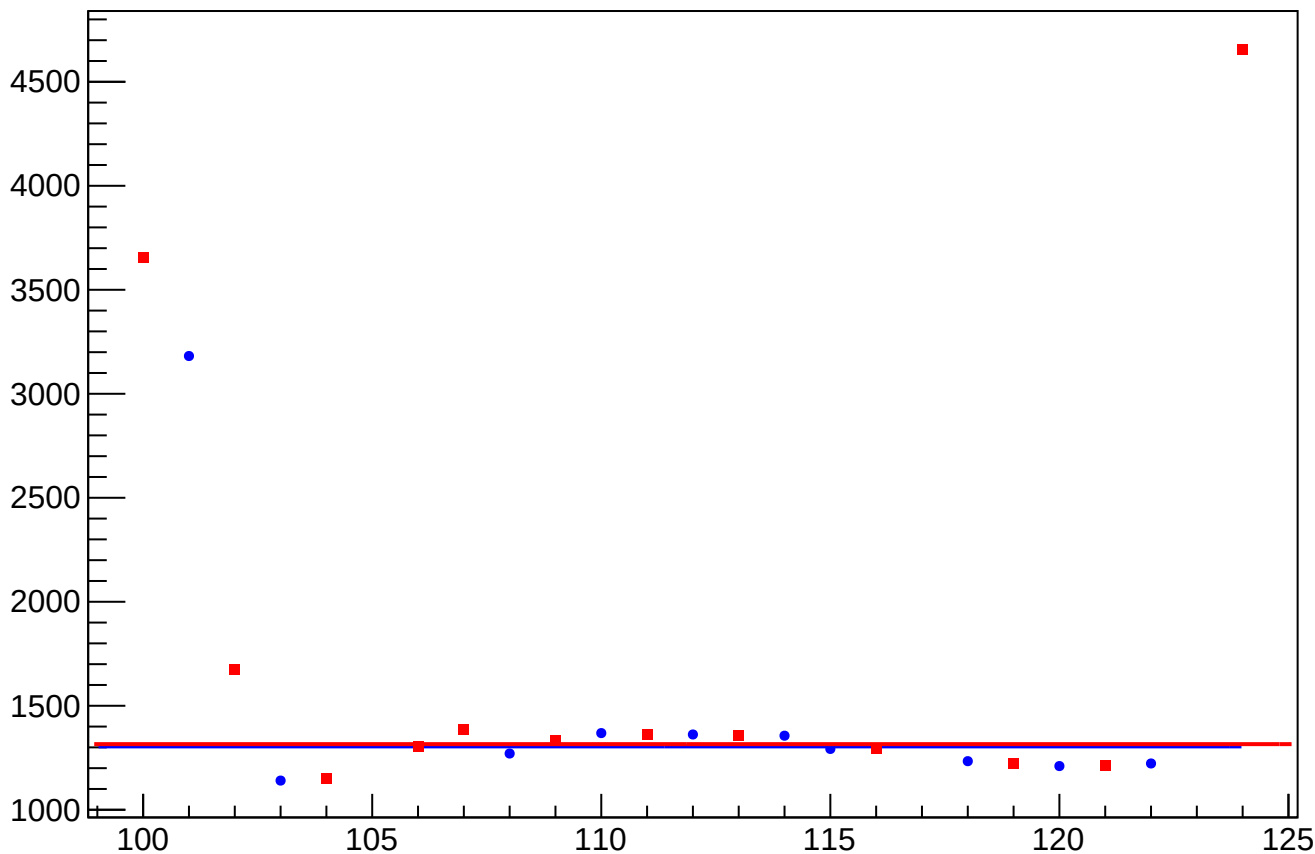
Right: -827.848+/-459.016 χ^2/NDF : 15.4/21

In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -827.848+/-459.016 χ^2/NDF : 15.4/21

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.578+/-0.447 χ^2/NDF : 302289.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

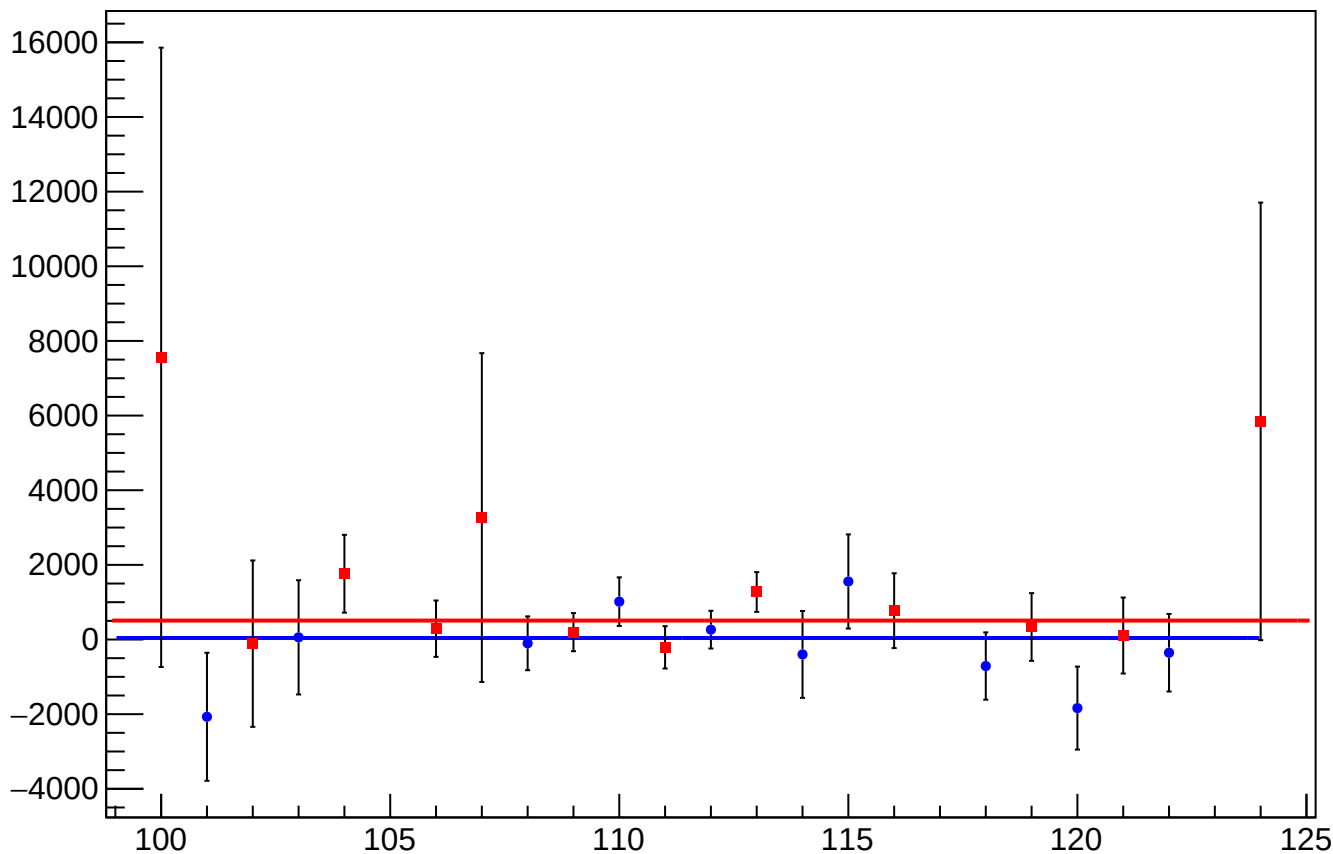
Right: 1310.456+/-0.325 χ^2/NDF : 798989.8/21

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.456+/-0.325 χ^2/NDF : 798989.8/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 507.734+/-245.407 χ^2/NDF : 7.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

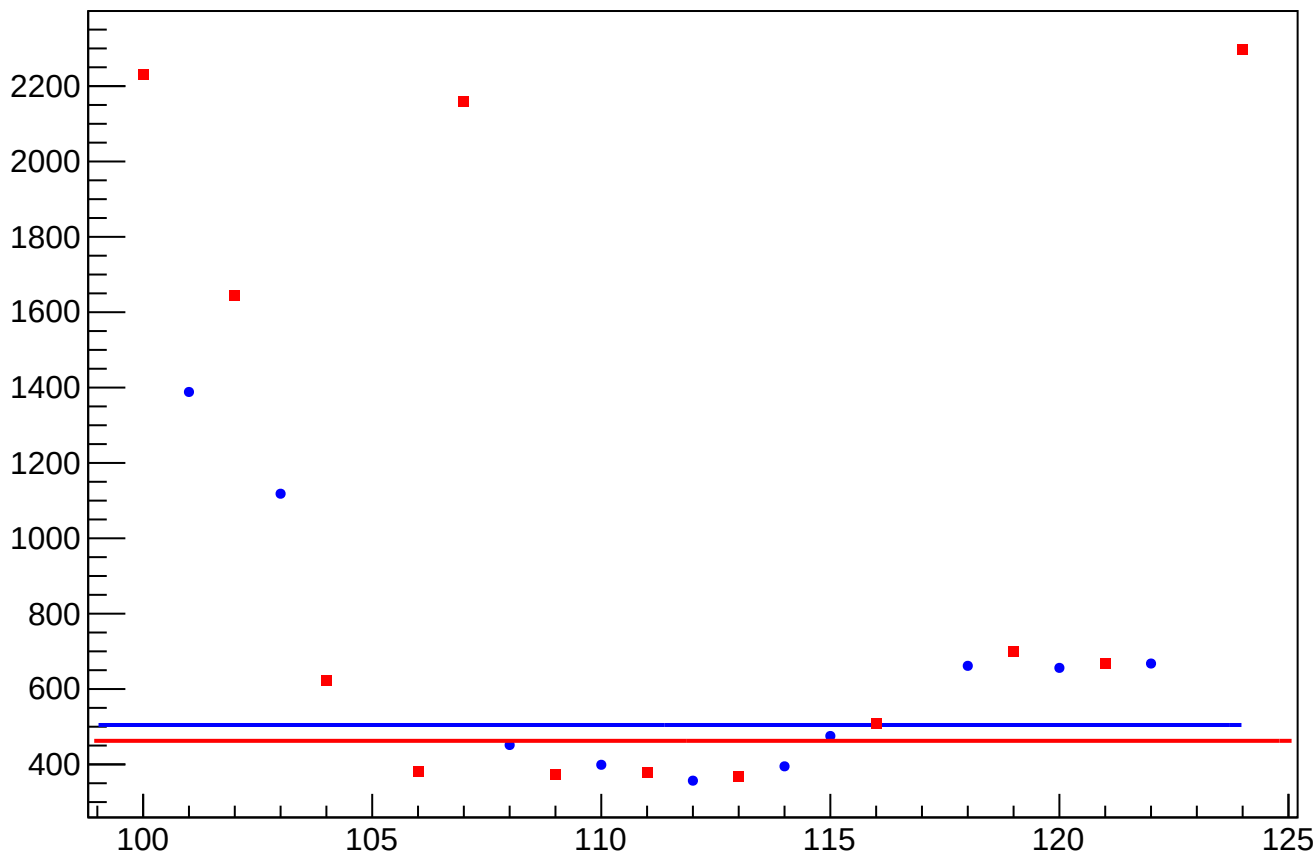
Right: 300.266+/-182.873 χ^2/NDF : 18.7/21

In: 41.200+/-274.231 χ^2/NDF :9.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 300.266+/-182.873 χ^2/NDF : 18.7/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.543+/-0.174 χ^2/NDF : 1607861.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

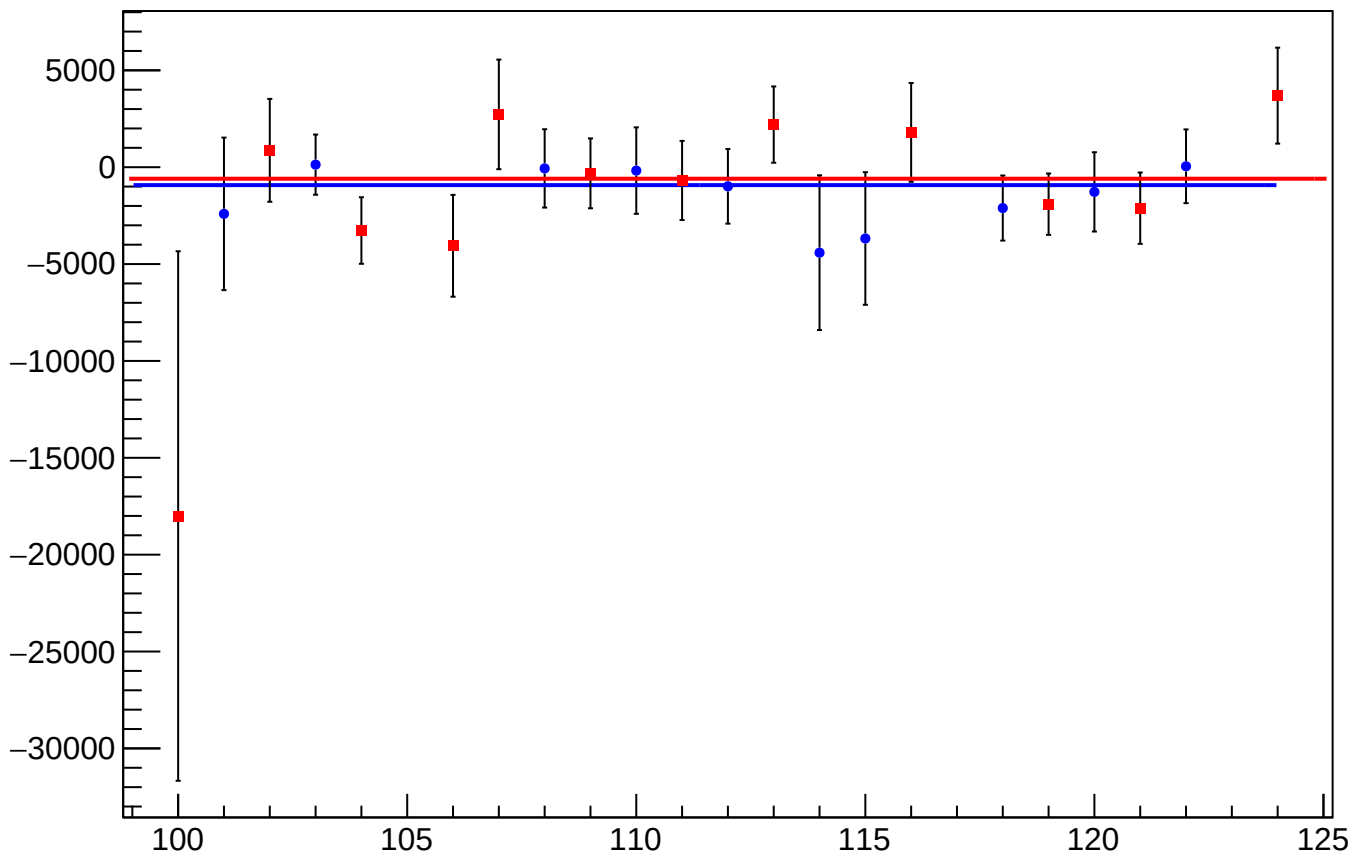
Right: 481.242+/-0.129 χ^2/NDF : 2887019.0/21

In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.242+/-0.129 χ^2/NDF : 2887019.0/21

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -925.602 ± 672.419 χ^2/NDF : 3.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -594.414 ± 623.549 χ^2/NDF : 14.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

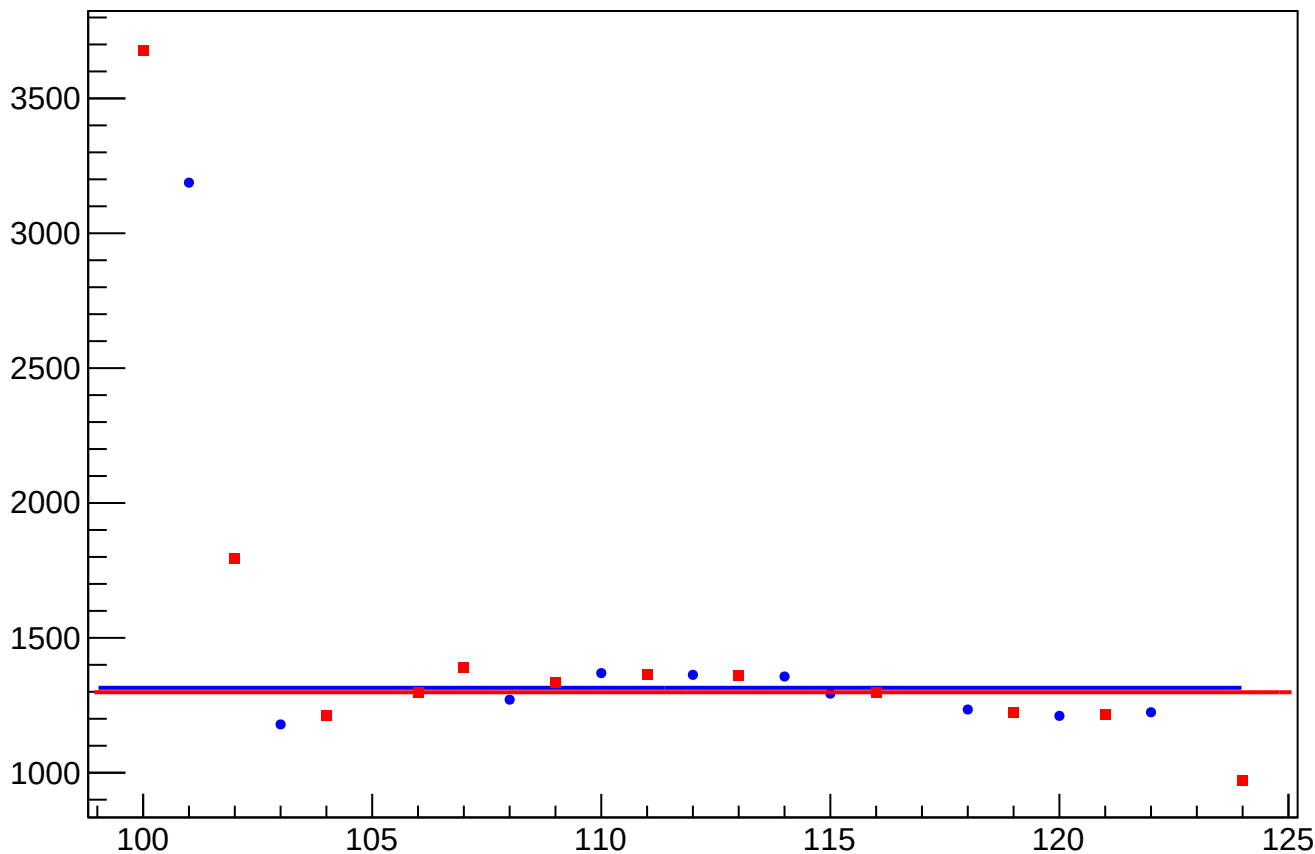
Right: -747.537 ± 457.218 χ^2/NDF : 18.0/21

In: -925.602 ± 672.419 χ^2/NDF : 3.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -747.537 ± 457.218 χ^2/NDF : 18.0/21

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1314.856+/-0.475 χ^2/NDF : 486041.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.300+/-0.441 χ^2/NDF : 185695.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

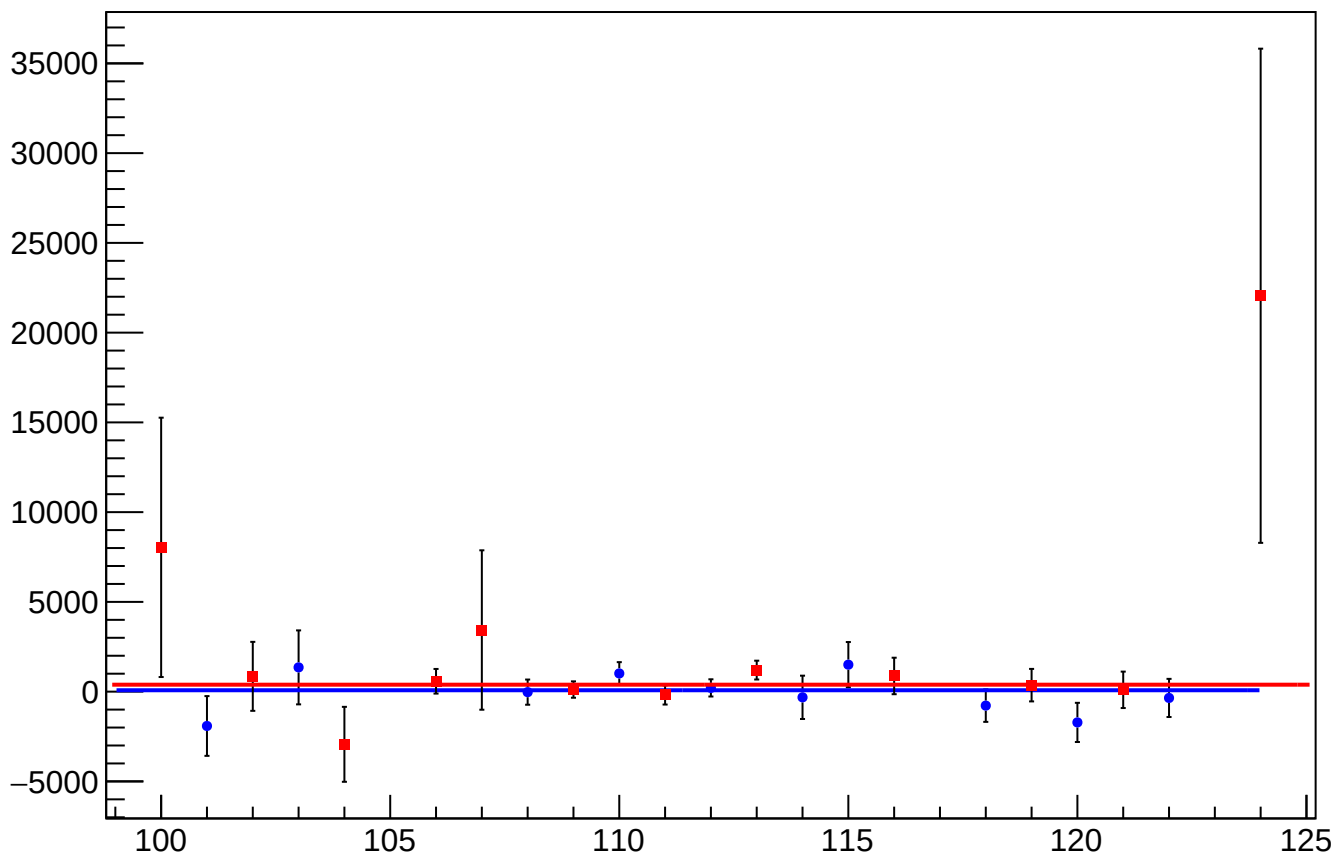
Right: 1305.954+/-0.323 χ^2/NDF : 672389.4/21

In: 1314.856+/-0.475 χ^2/NDF : 486041.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.954+/-0.323 χ^2/NDF : 672389.4/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 77.627+/-269.572 χ^2 /NDF: 9.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 387.456+/-237.021 χ^2 /NDF: 10.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

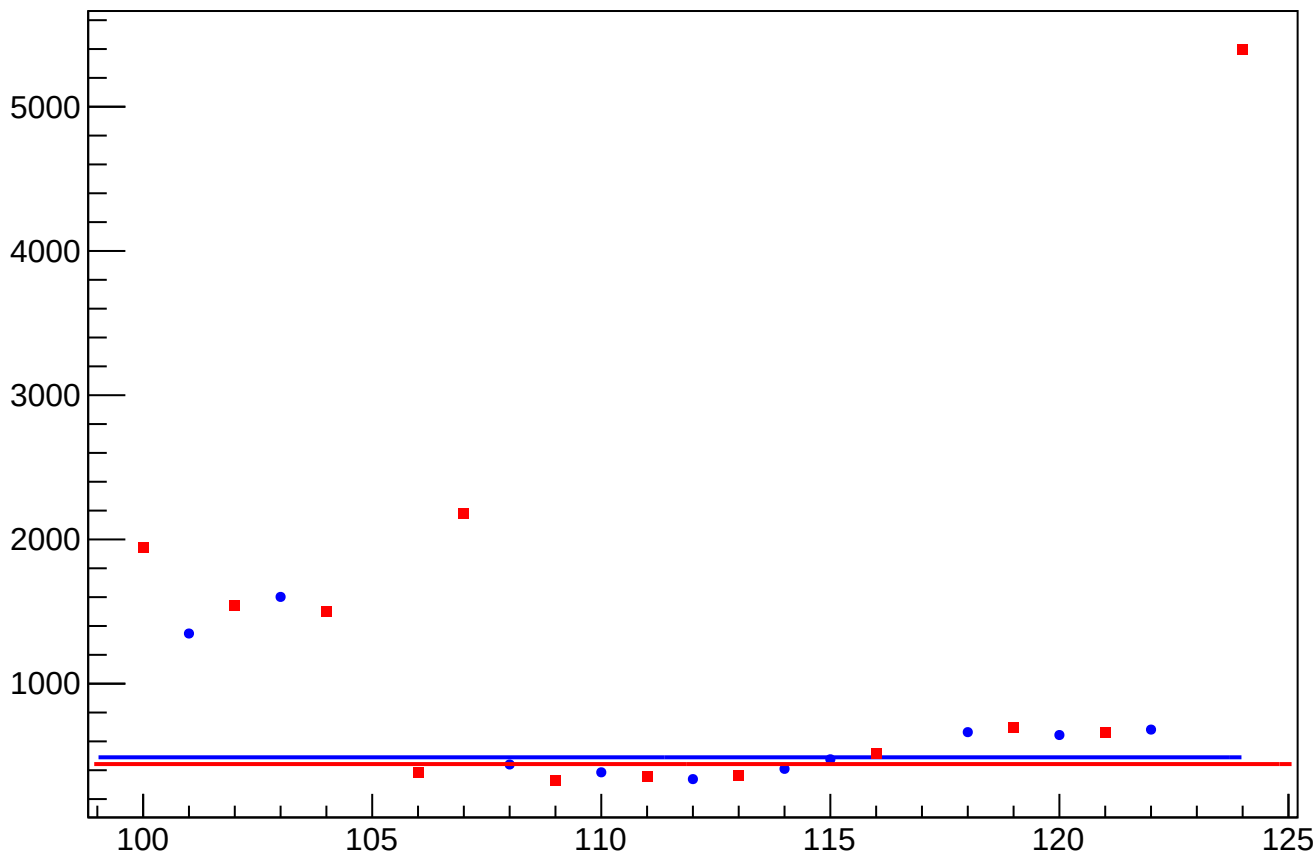
Right: 252.368+/-178.001 χ^2 /NDF: 20.9/21

In: 77.627+/-269.572 χ^2 /NDF:9.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 252.368+/-178.001 χ^2 /NDF: 20.9/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 489.597+/-0.191 χ^2/NDF : 1566355.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 442.669+/-0.168 χ^2/NDF : 2326840.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

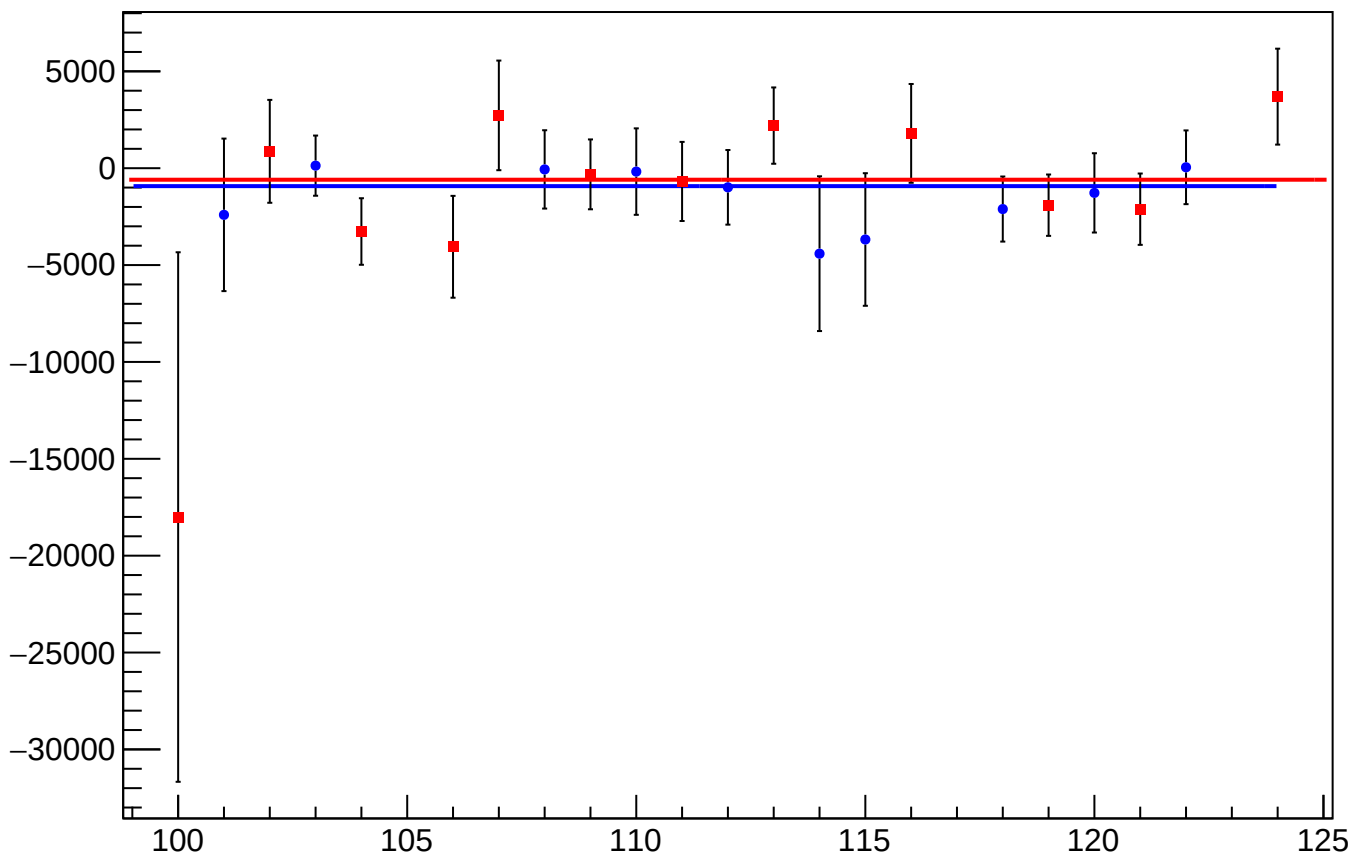
Right: 463.130+/-0.126 χ^2/NDF : 3927379.4/21

In: 489.597+/-0.191 χ^2/NDF : 1566355.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.130+/-0.126 χ^2/NDF : 3927379.4/21

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -925.600+/-672.419 χ^2/NDF : 3.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -594.413+/-623.549 χ^2/NDF : 14.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

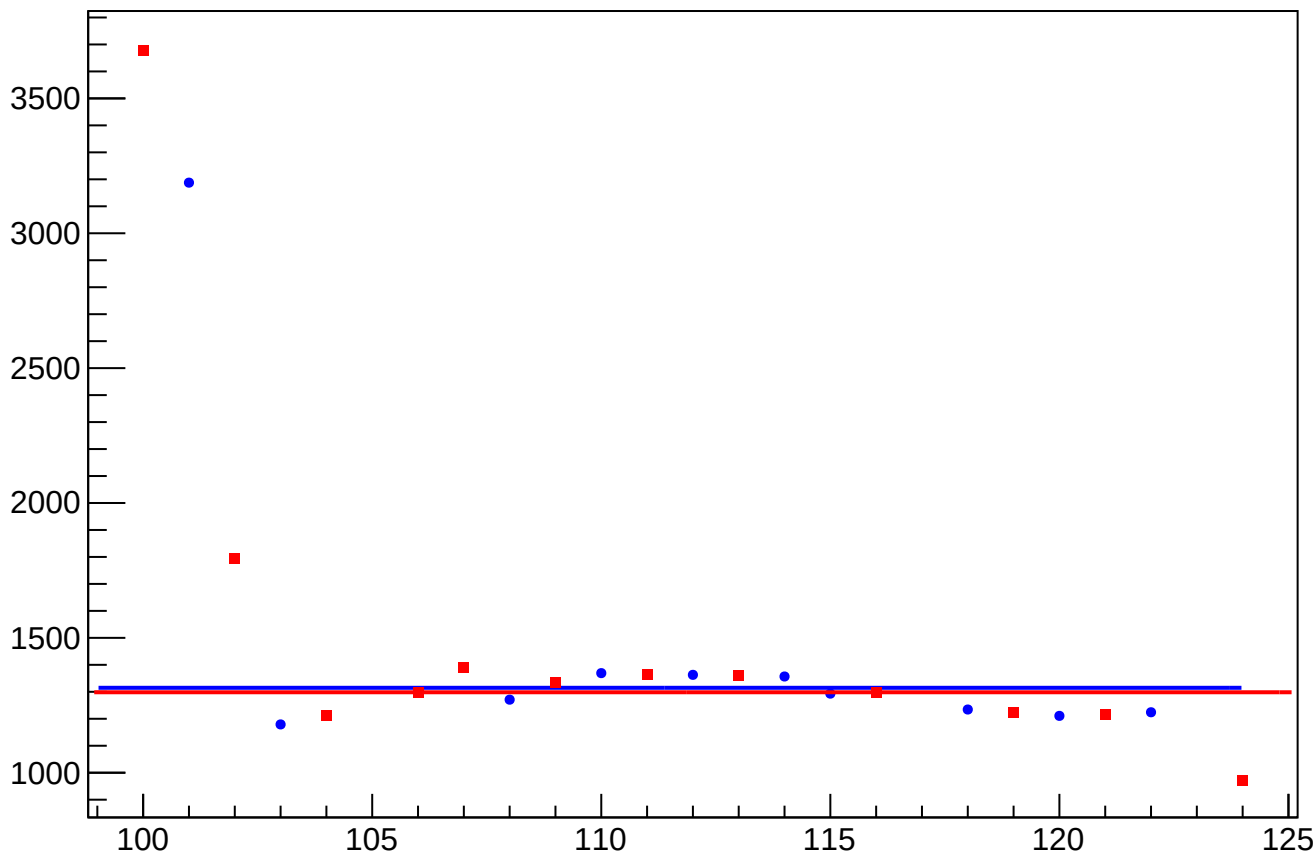
Right: -747.535+/-457.218 χ^2/NDF : 18.0/21

In: -925.600+/-672.419 χ^2/NDF :3.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -747.535+/-457.218 χ^2/NDF : 18.0/21

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1314.856+/-0.475 χ^2/NDF : 486041.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.300+/-0.441 χ^2/NDF : 185695.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

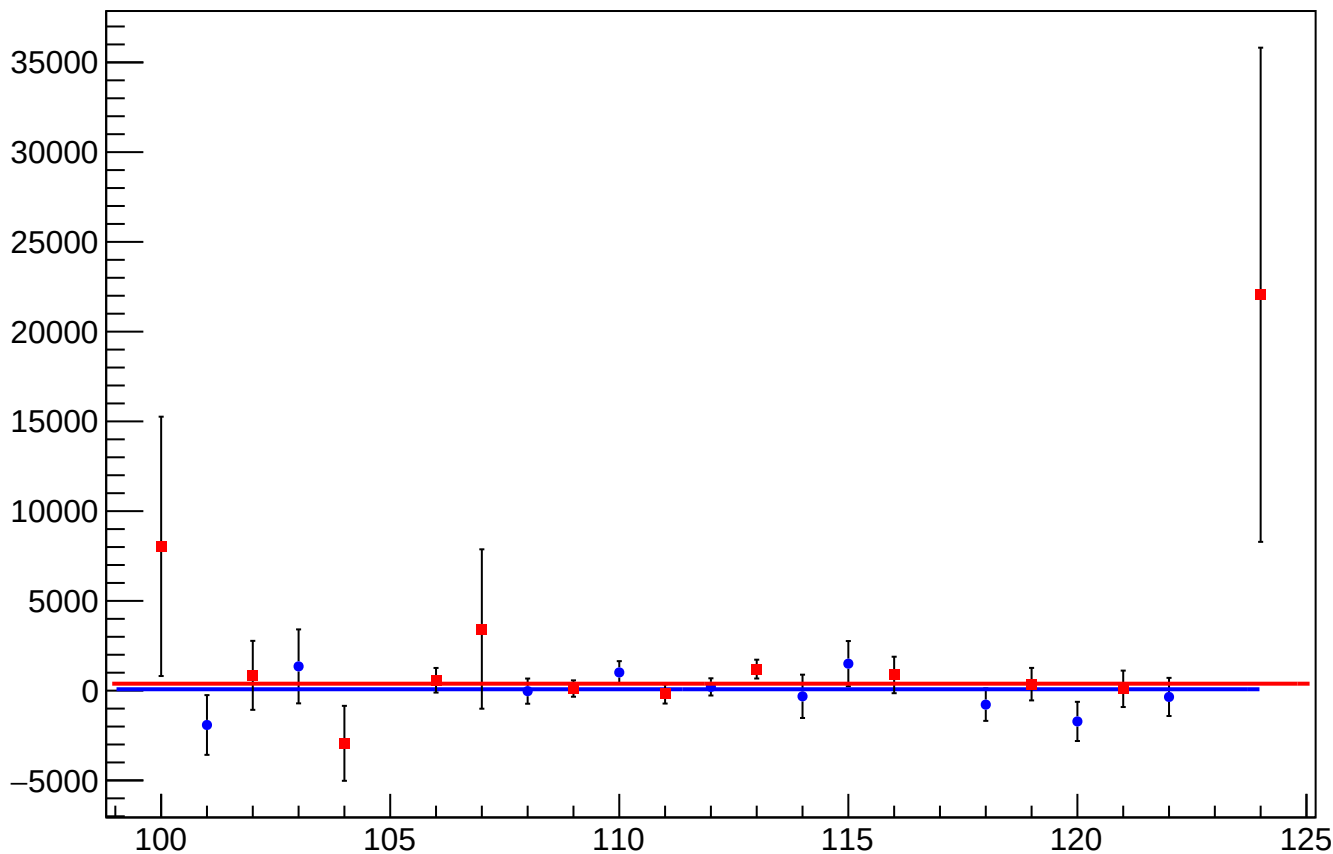
Right: 1305.954+/-0.323 χ^2/NDF : 672389.6/21

In: 1314.856+/-0.475 χ^2/NDF : 486041.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.954+/-0.323 χ^2/NDF : 672389.6/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 77.627+/-269.570 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.455+/-237.020 χ^2/NDF : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

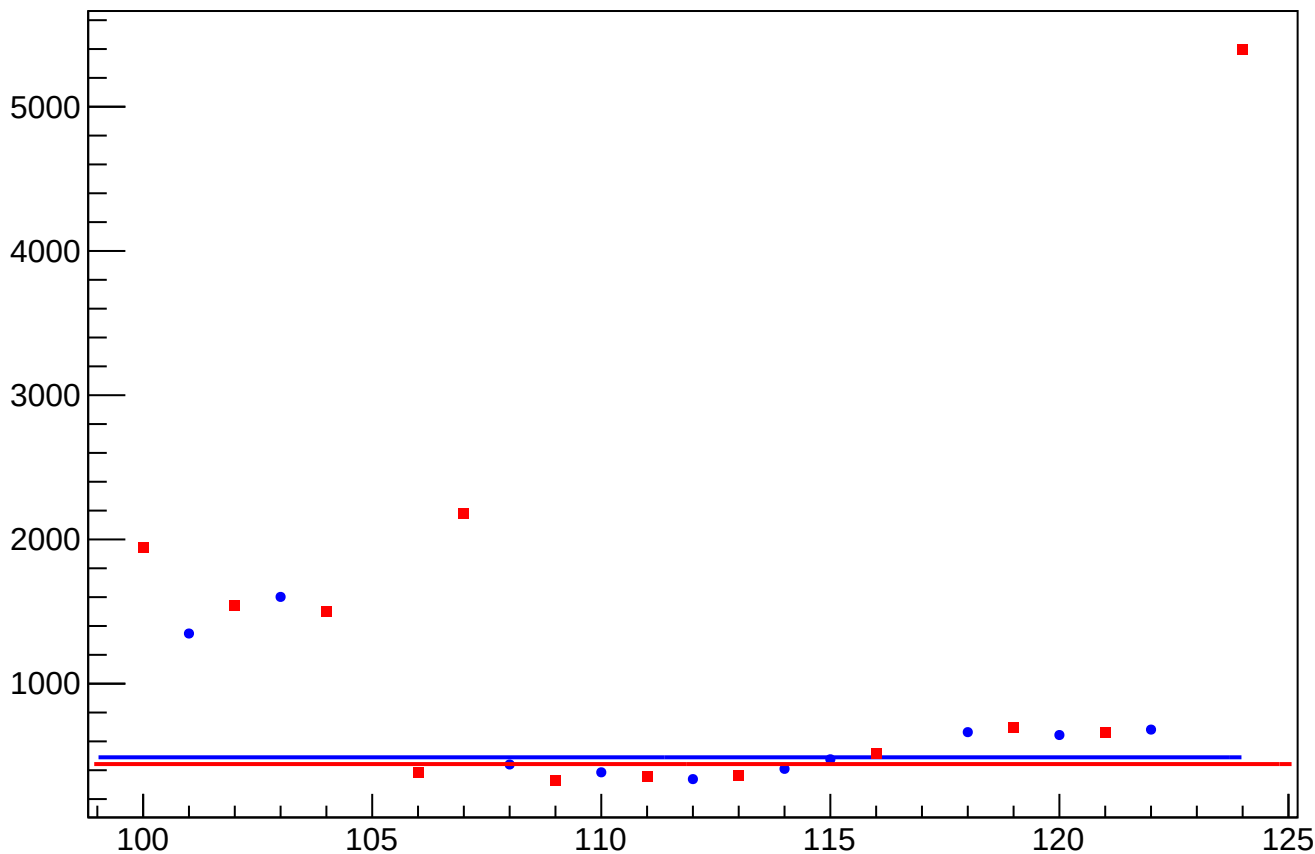
Right: 252.366+/-178.000 χ^2/NDF : 20.9/21

In: 77.627+/-269.570 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.366+/-178.000 χ^2/NDF : 20.9/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 489.595 $\pm$ 0.191 χ^2 /NDF: 1566360.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 442.668 $\pm$ 0.168 χ^2 /NDF: 2326848.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

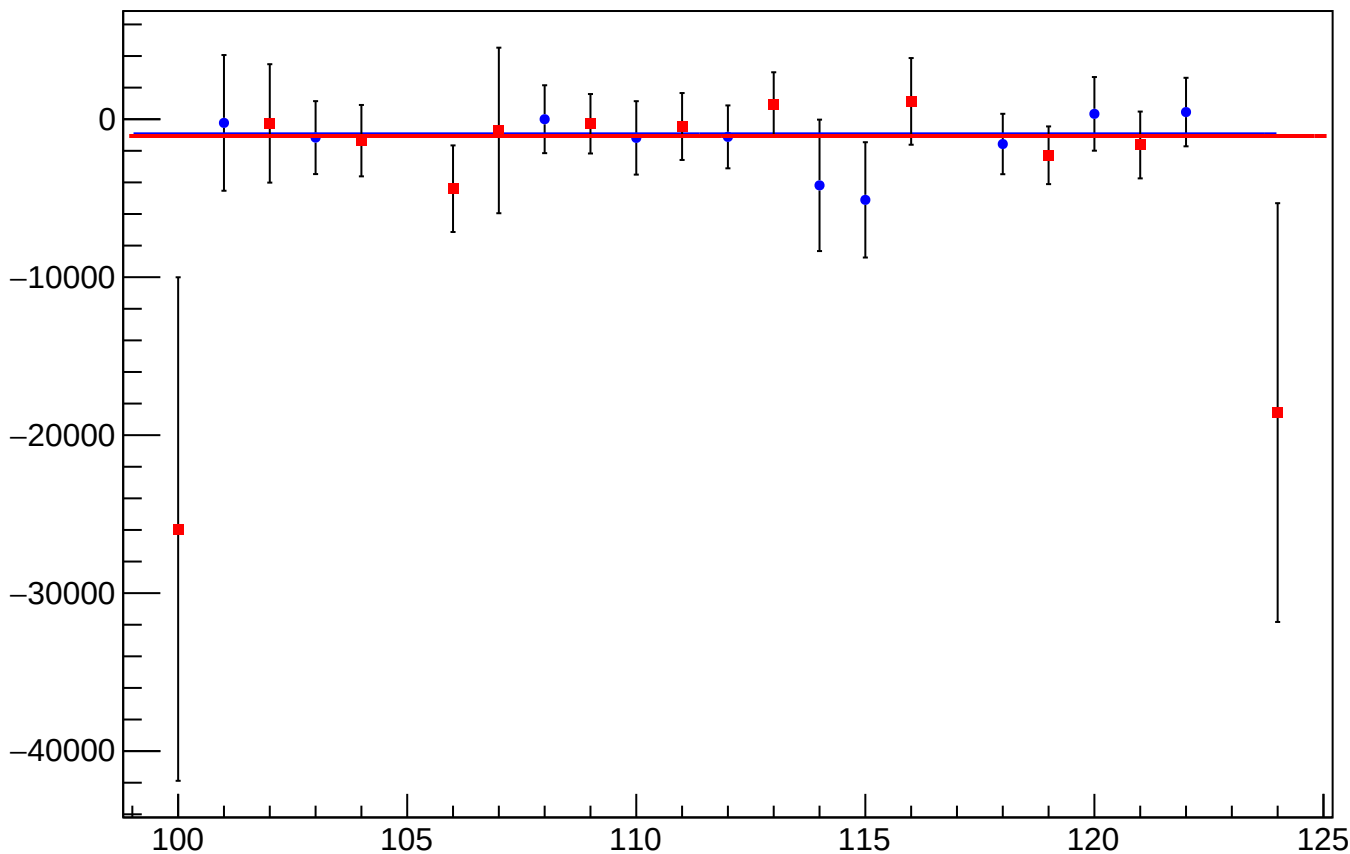
Right: 463.128 $\pm$ 0.126 χ^2 /NDF: 3927391.9/21

In: 489.595 $\pm$ 0.191 χ^2 /NDF:1566360.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 463.128 $\pm$ 0.126 χ^2 /NDF: 3927391.9/21

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -958.309+/-767.241 χ^2/NDF : 3.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1062.554+/-735.686 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

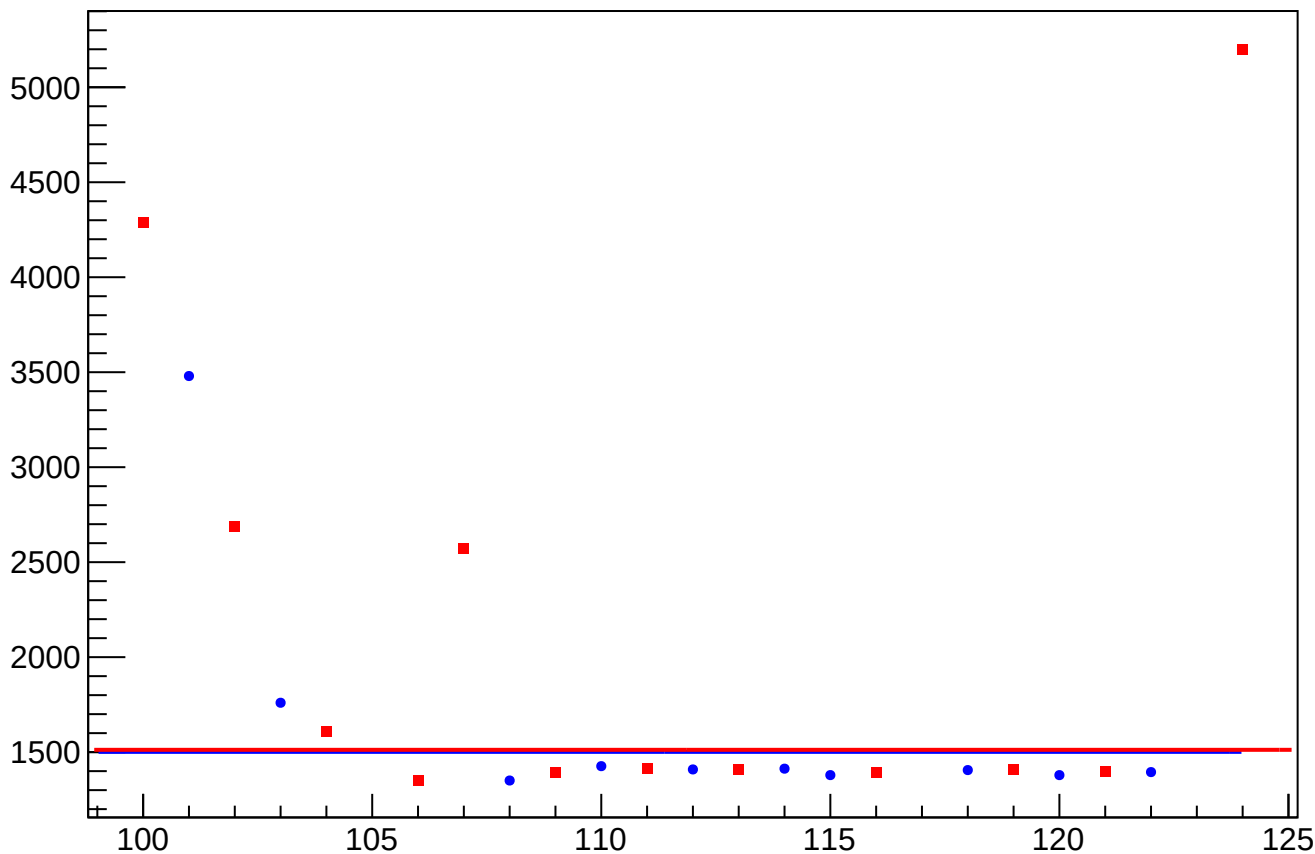
Right: -1012.619+/-531.014 χ^2/NDF : 11.1/21

In: -958.309+/-767.241 χ^2/NDF : 3.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1012.619+/-531.014 χ^2/NDF : 11.1/21

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1501.528+/-0.543 χ^2/NDF : 484111.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1512.178+/-0.520 χ^2/NDF : 537297.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

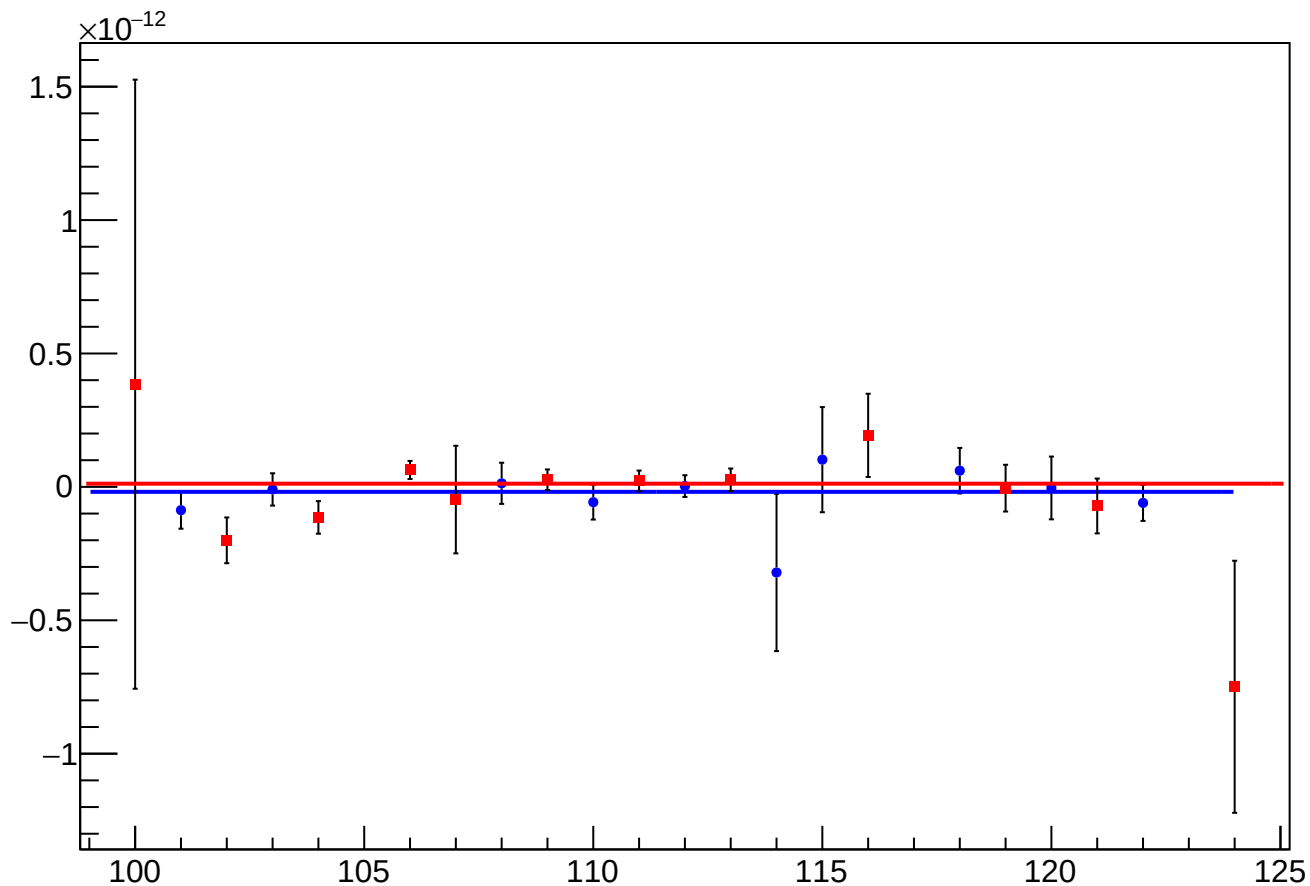
Right: 1507.077+/-0.375 χ^2/NDF : 1021608.8/21

In: 1501.528+/-0.543 χ^2/NDF : 484111.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.077+/-0.375 χ^2/NDF : 1021608.8/21

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

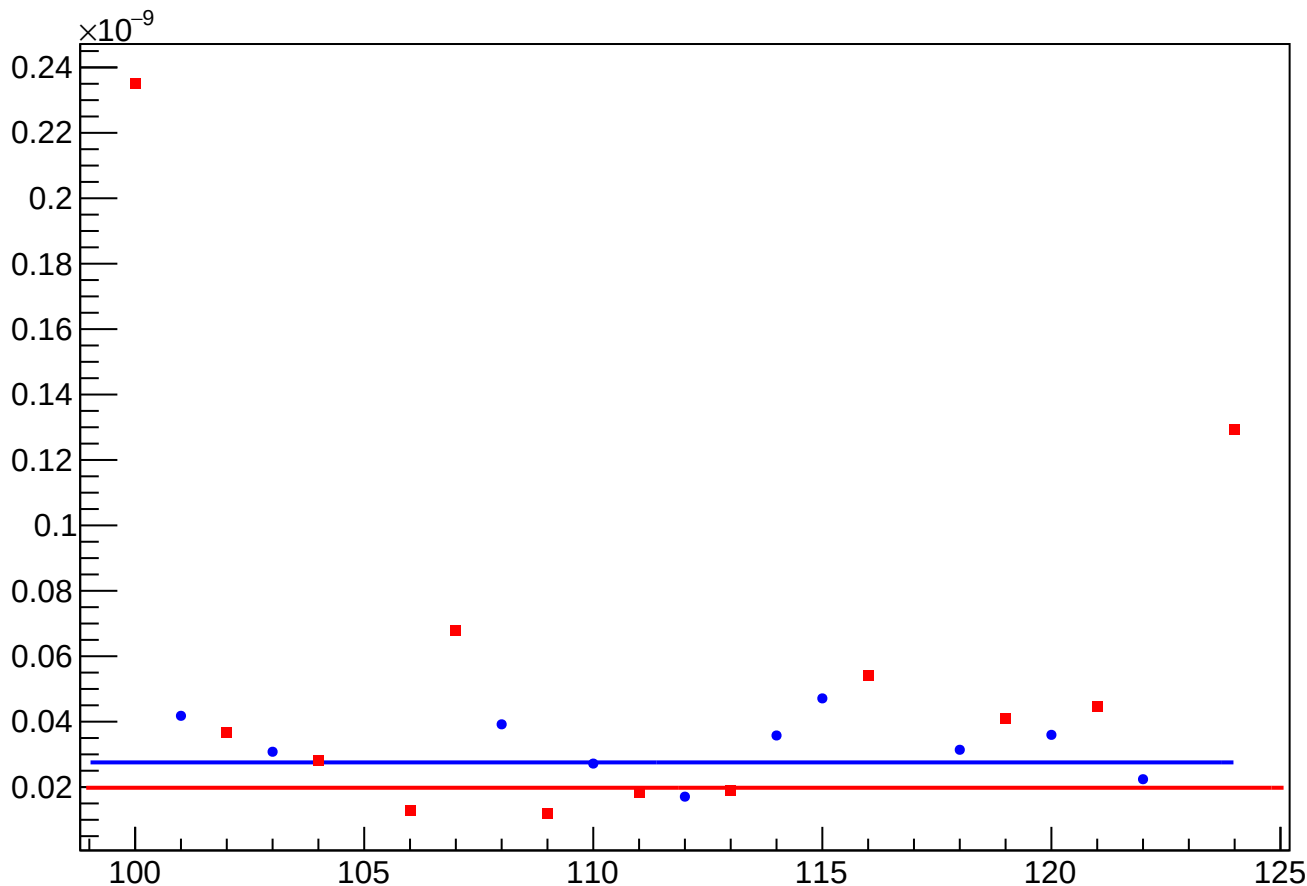
Right: 0.000+/-0.000 χ^2/NDF : 23.5/21

In: -0.000+/-0.000 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.5/21

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 315152.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 911549.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

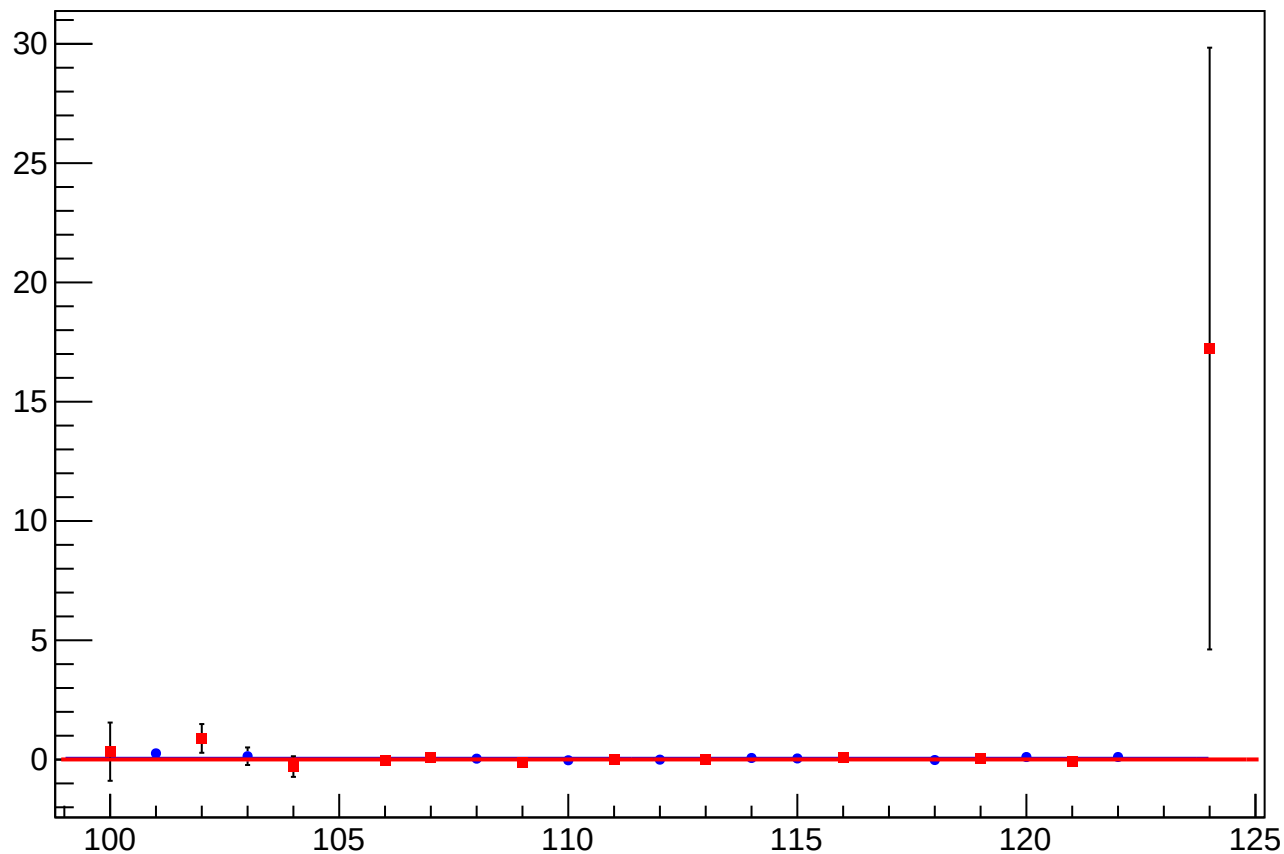
Right: 0.000+/-0.000 χ^2/NDF : 1376921.8/21

In: 0.000+/-0.000 χ^2/NDF : 315152.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1376921.8/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

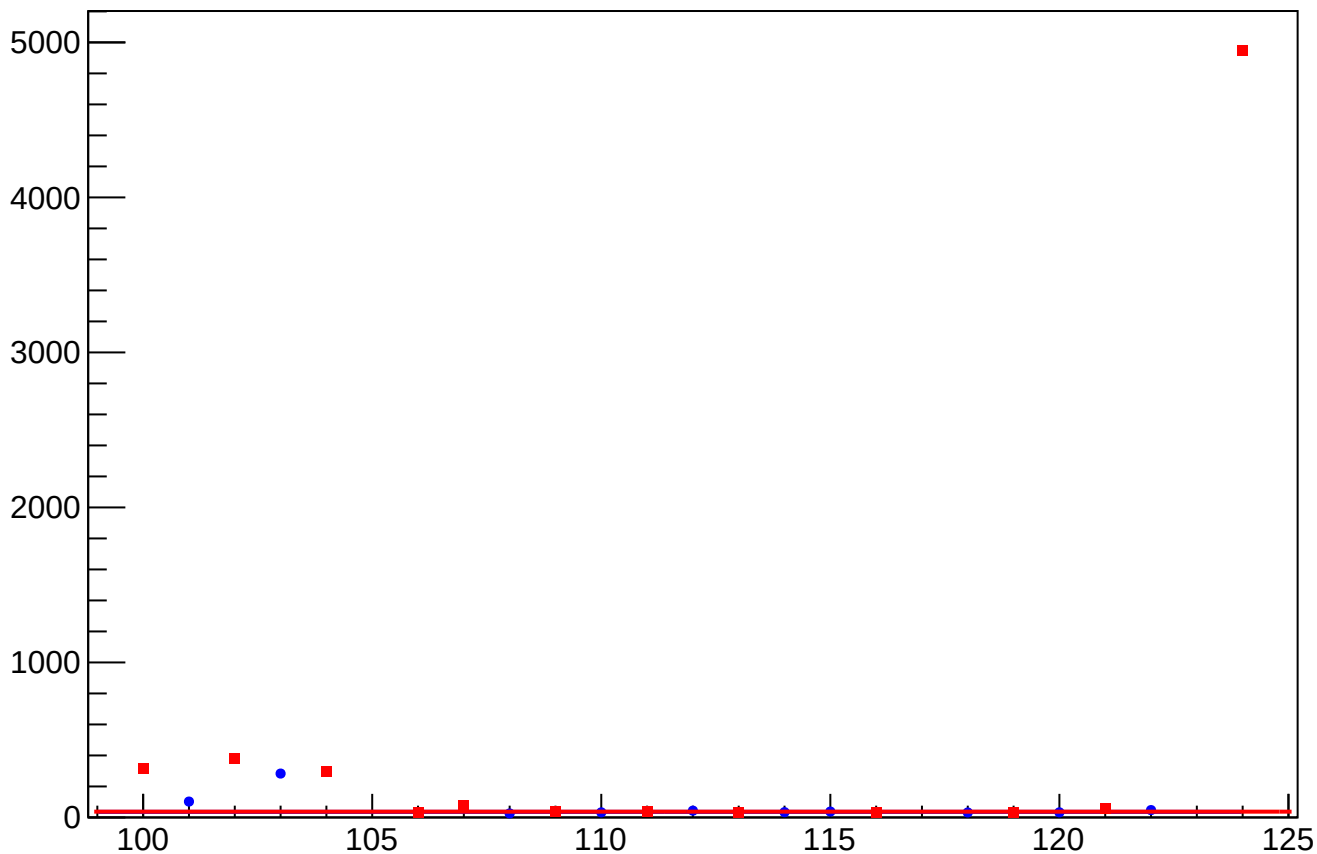
Right: 0.020+/-0.015 χ^2/NDF : 21.9/21

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.015 χ^2/NDF : 21.9/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.428+/-0.015 χ^2/NDF : 2059935.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

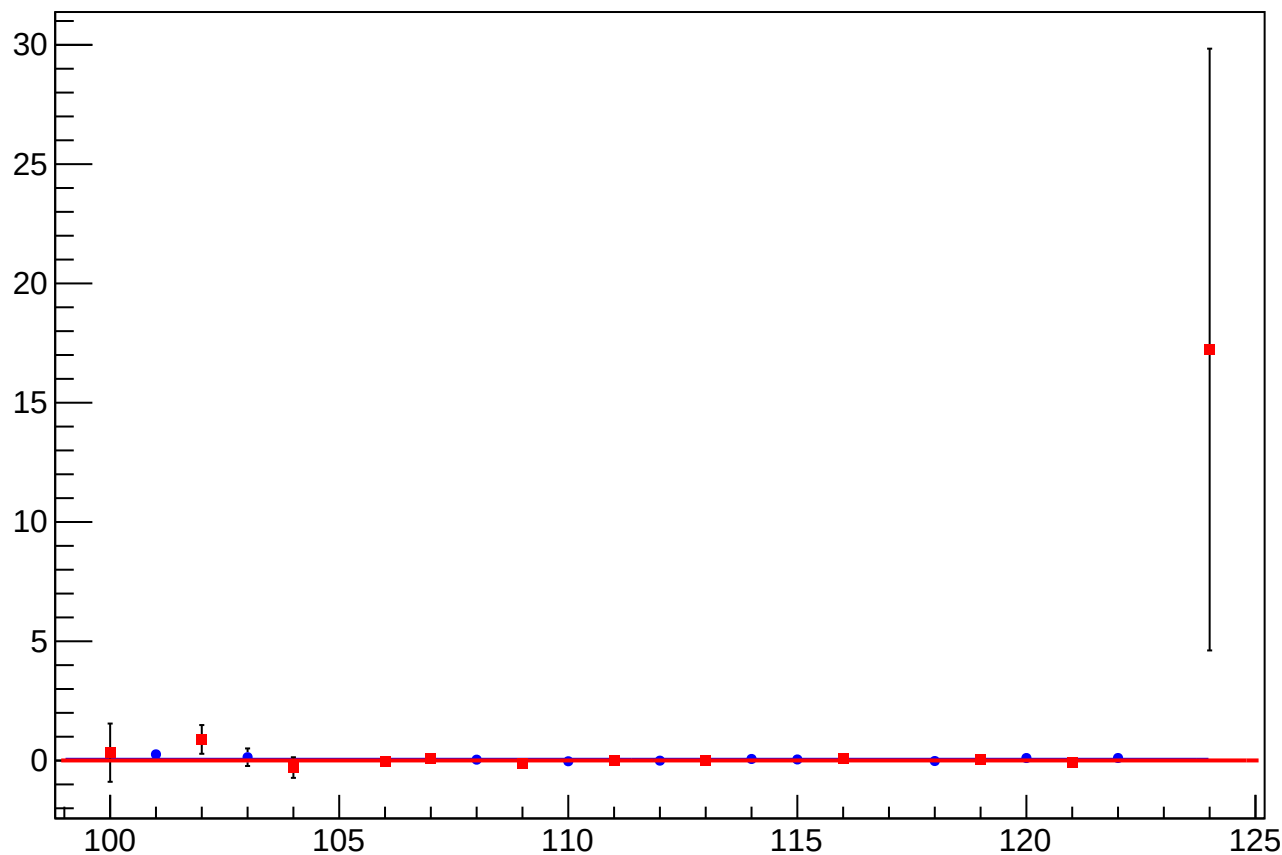
Right: 36.678+/-0.011 χ^2/NDF : 3653315.6/21

In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.678+/-0.011 χ^2/NDF : 3653315.6/21

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 : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

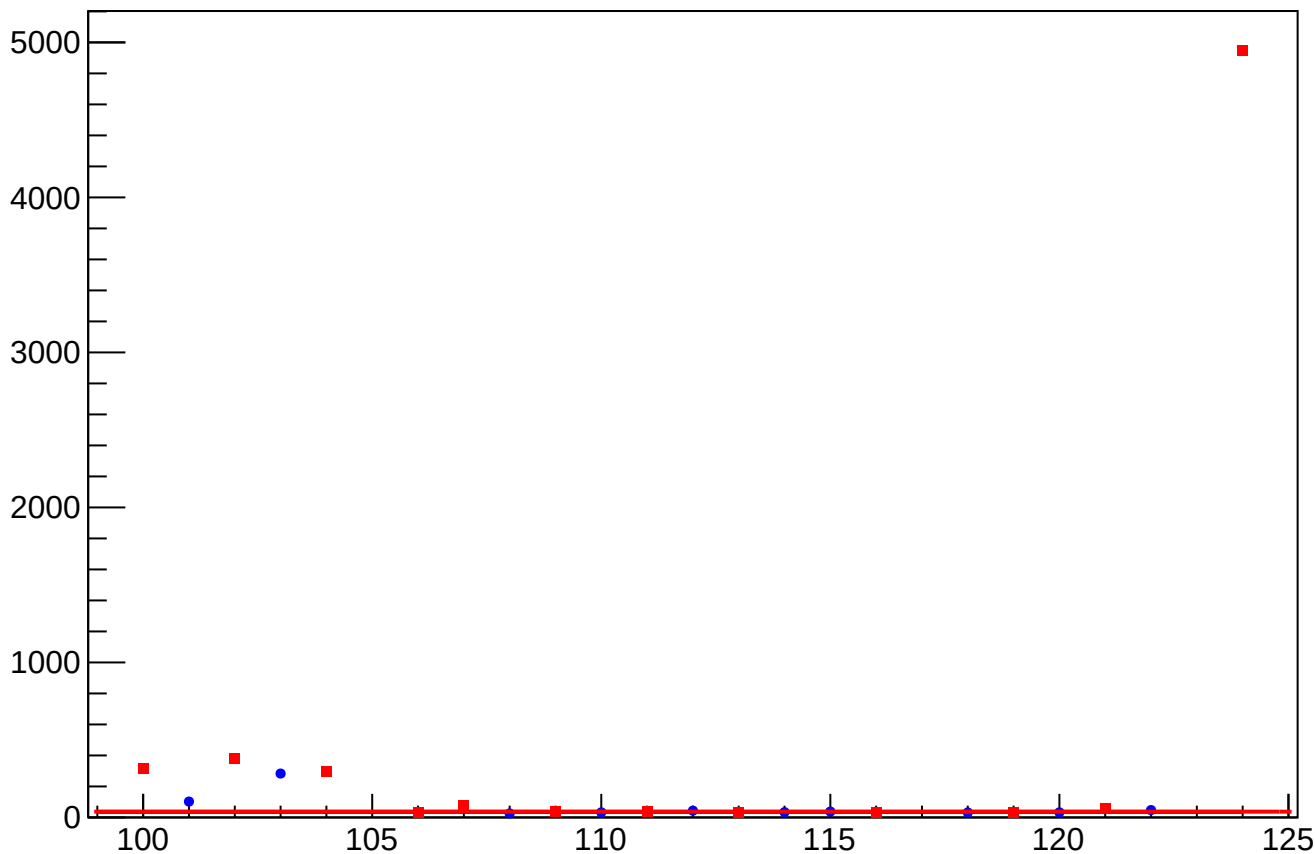
Right: 0.020+/-0.015 χ^2/NDF : 21.9/21

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.015 χ^2/NDF : 21.9/21

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.428+/-0.015 χ^2/NDF : 2059935.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

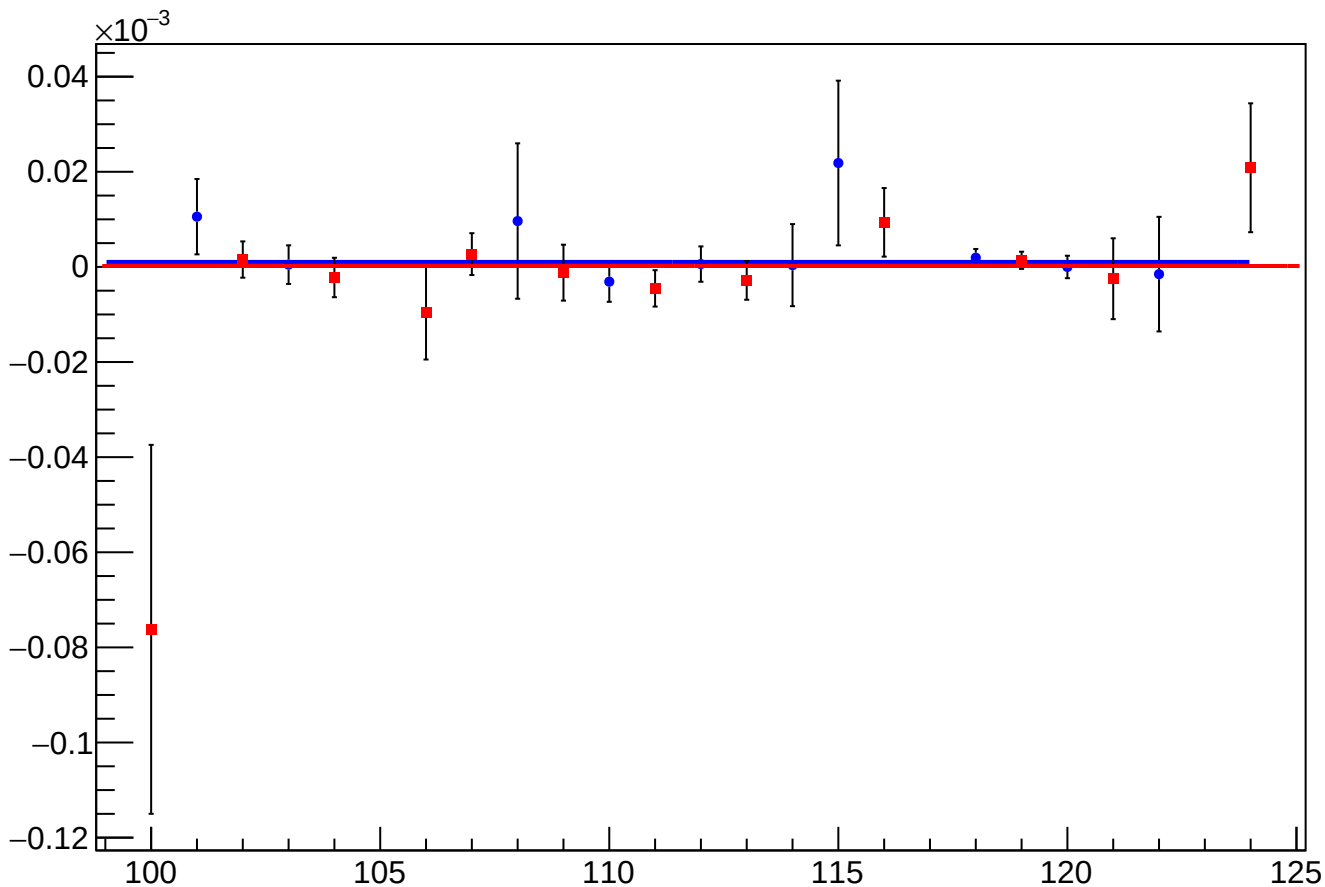
Right: 36.678+/-0.011 χ^2/NDF : 3653315.6/21

In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.678+/-0.011 χ^2/NDF : 3653315.6/21

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 : 4.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

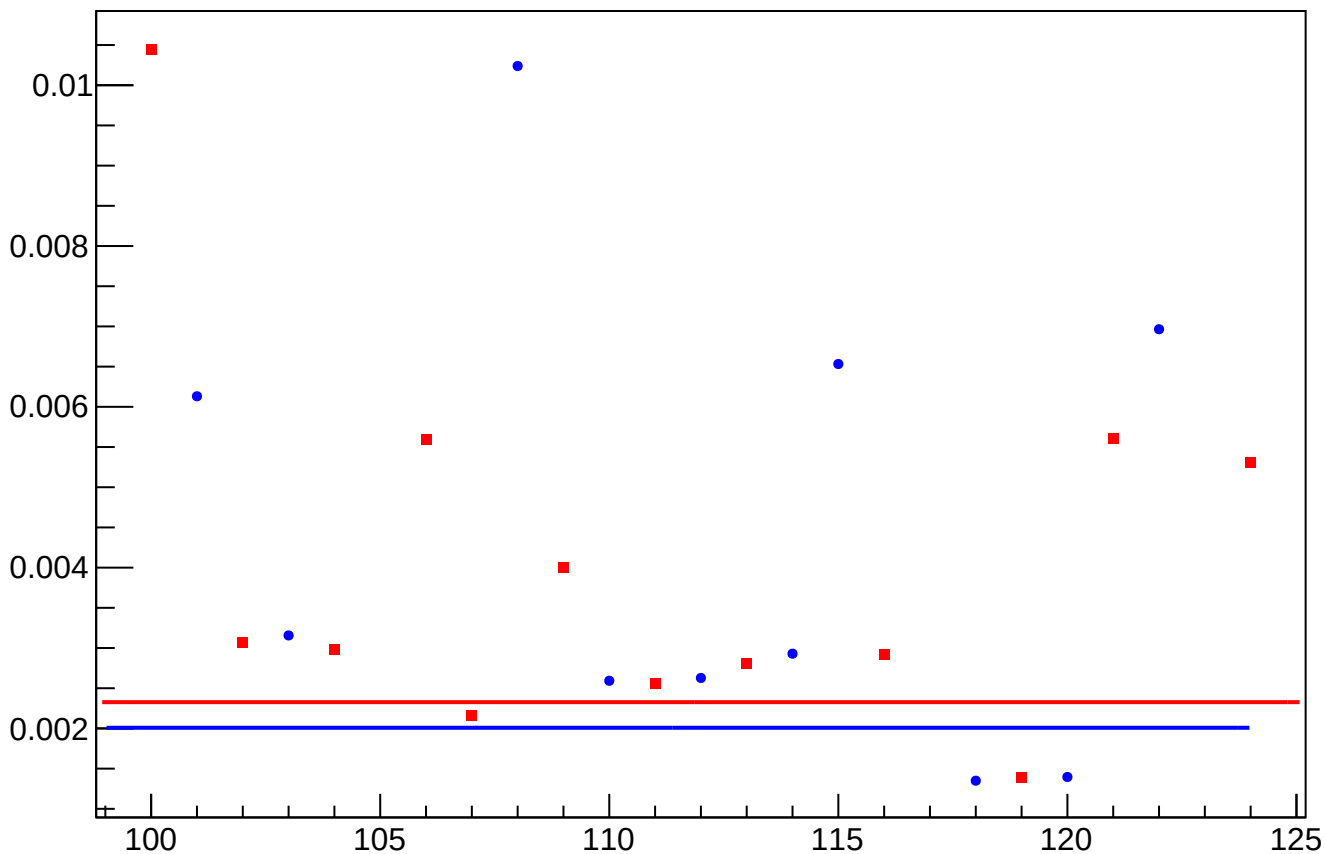
Right: 0.000+/-0.000 χ^2/NDF : 17.2/21

In: 0.000+/-0.000 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.2/21

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 : 2192556.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1578255.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

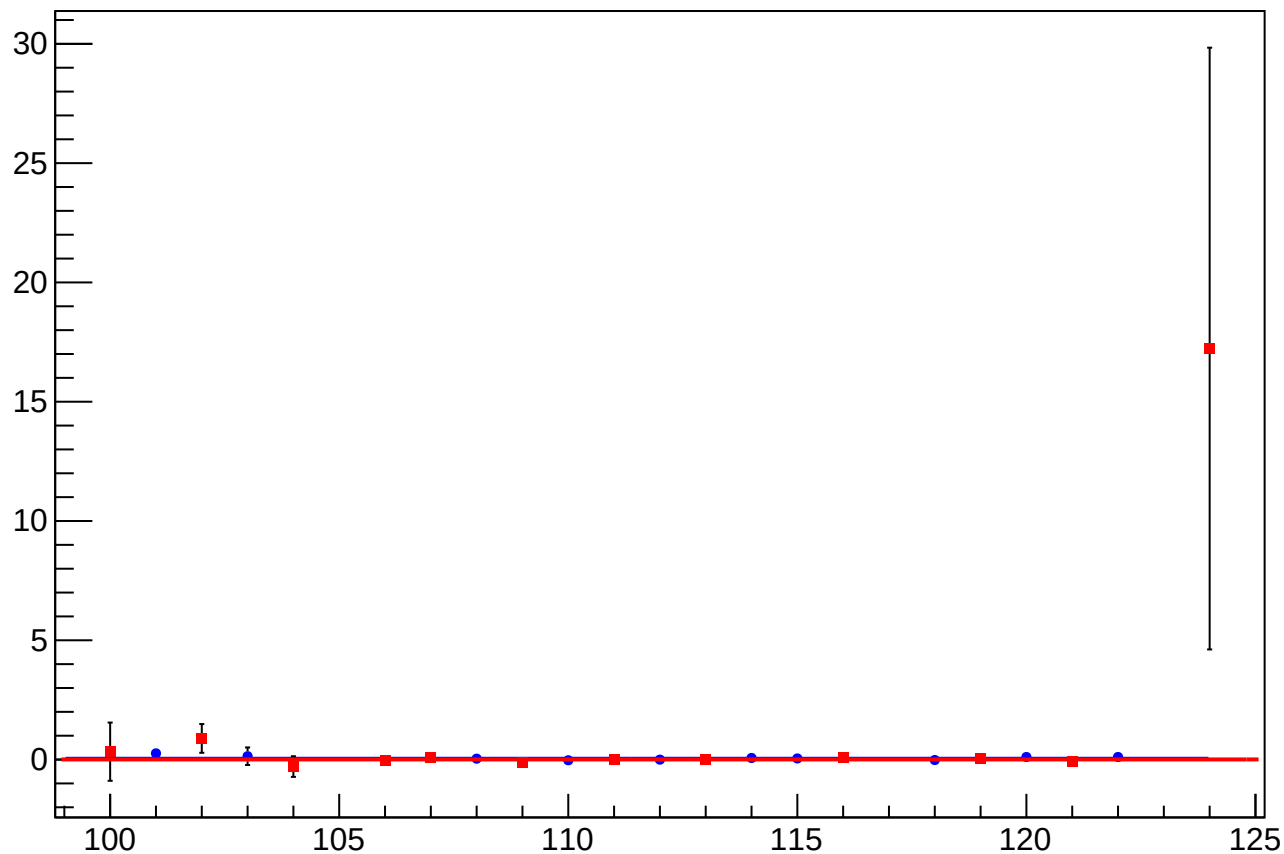
Right: 0.002+/-0.000 χ^2/NDF : 3841777.7/21

In: 0.002+/-0.000 χ^2/NDF :2192556.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3841777.7/21

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 : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

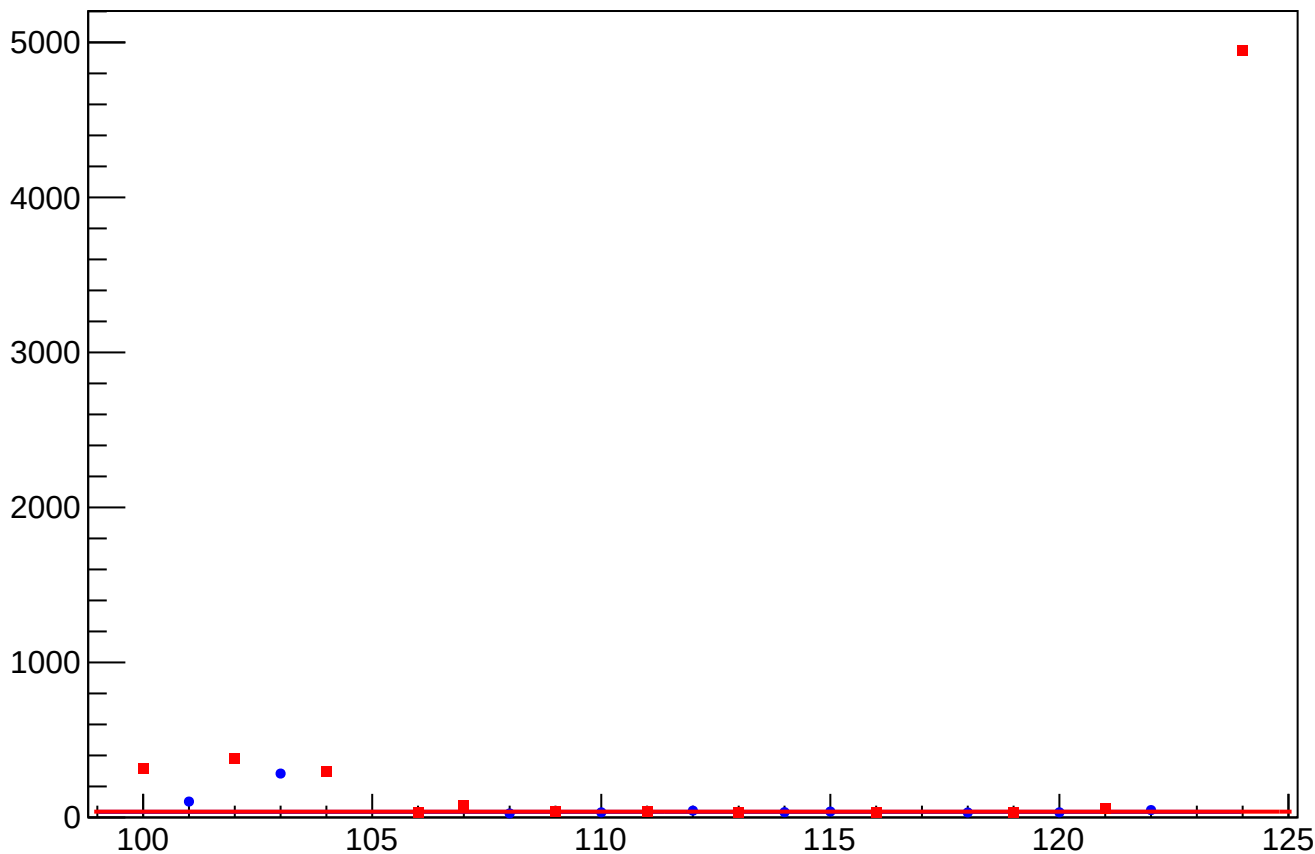
Right: 0.020+/-0.015 χ^2/NDF : 21.9/21

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.015 χ^2/NDF : 21.9/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.428+/-0.015 χ^2/NDF : 2059933.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

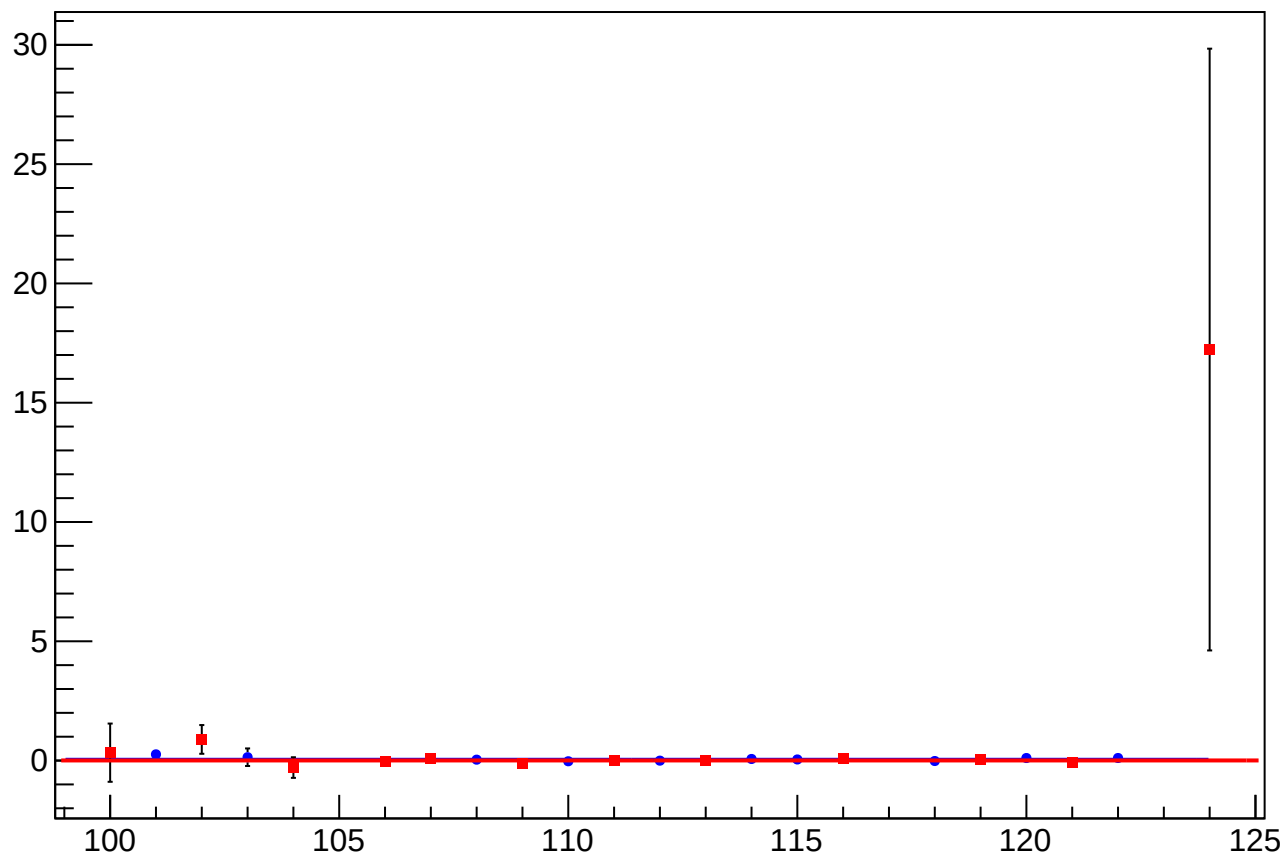
Right: 36.679+/-0.011 χ^2/NDF : 3653233.8/21

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.679+/-0.011 χ^2/NDF : 3653233.8/21

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 : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.022 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

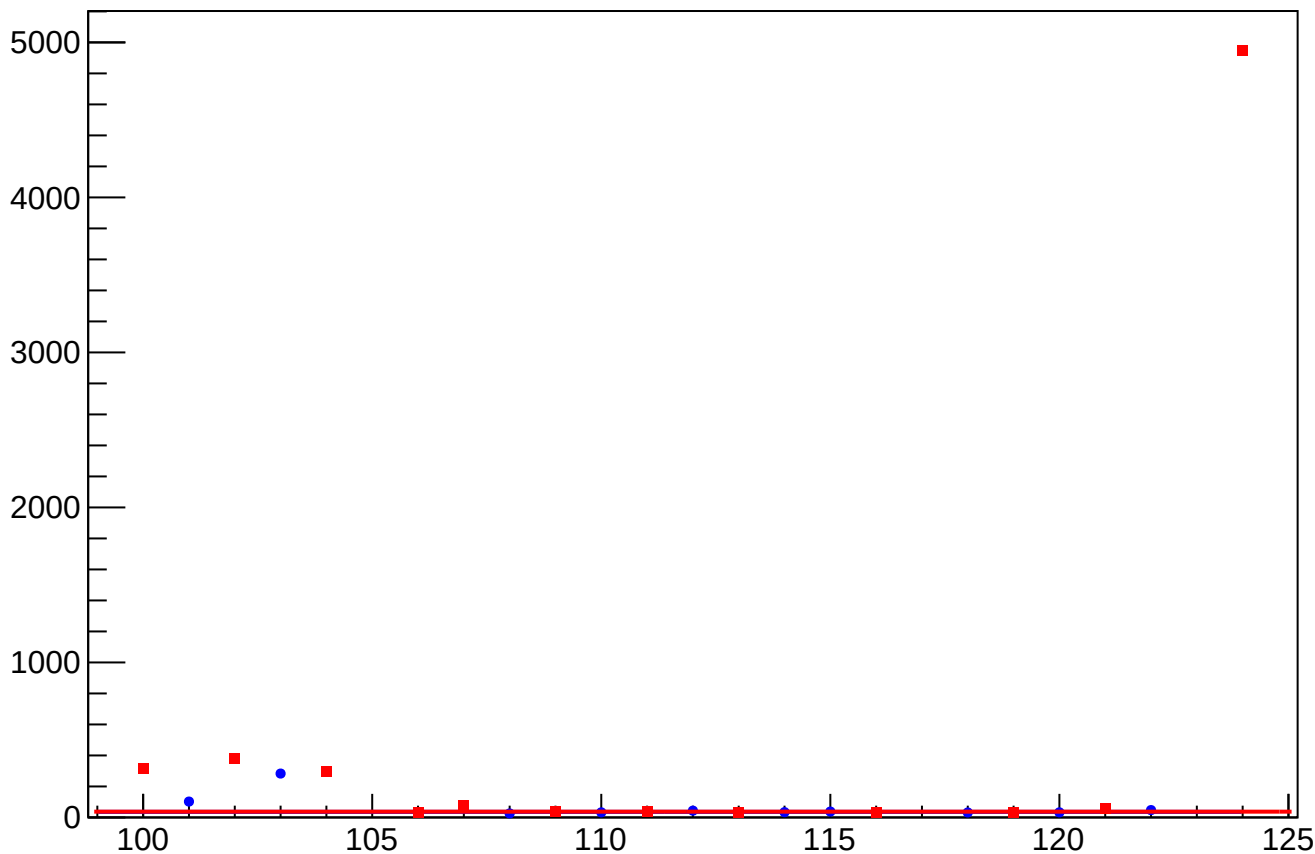
Right: 0.020+/-0.015 χ^2/NDF : 21.9/21

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.015 χ^2/NDF : 21.9/21

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.428+/-0.015 χ^2/NDF : 2059933.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

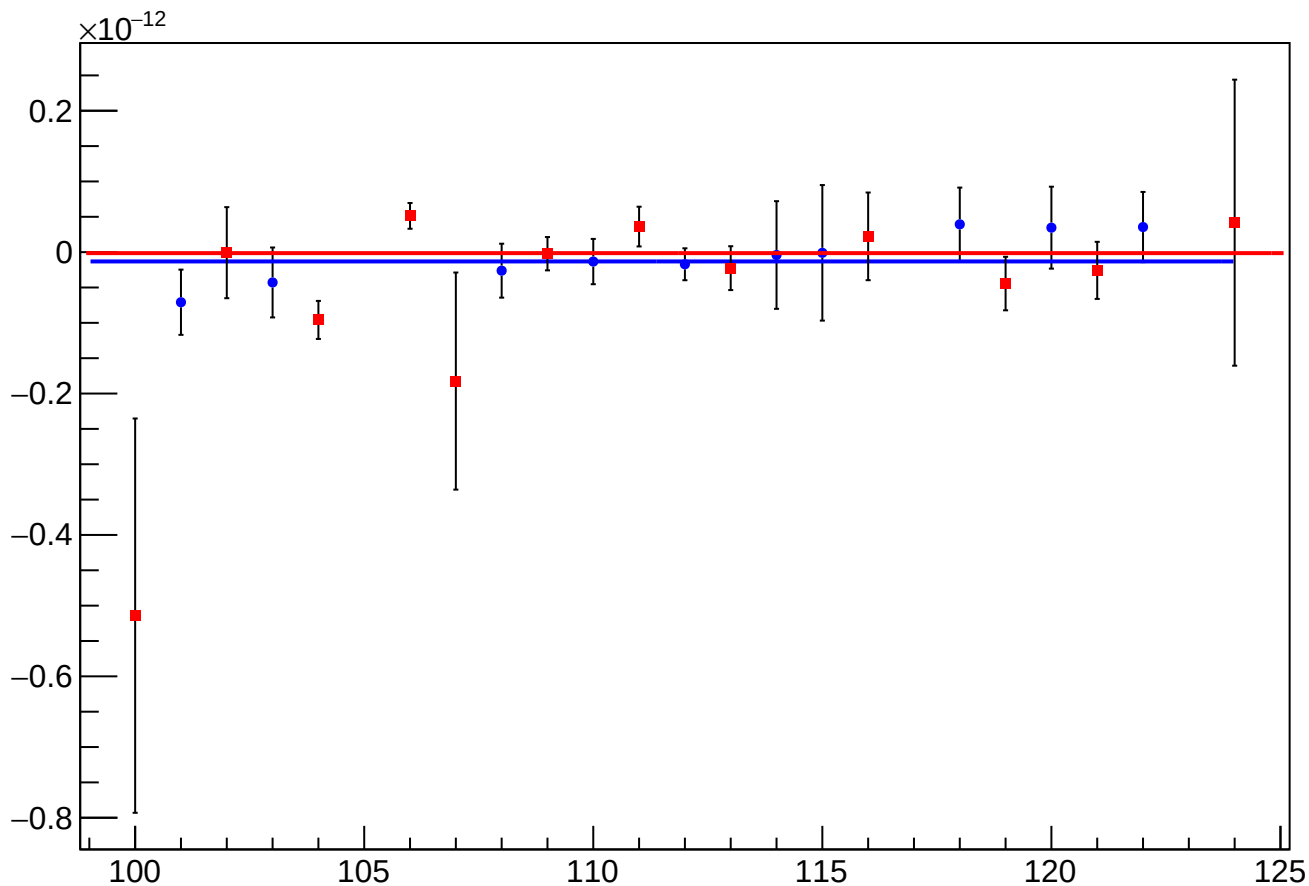
Right: 36.679+/-0.011 χ^2/NDF : 3653233.8/21

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.679+/-0.011 χ^2/NDF : 3653233.8/21

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: 4.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 29.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

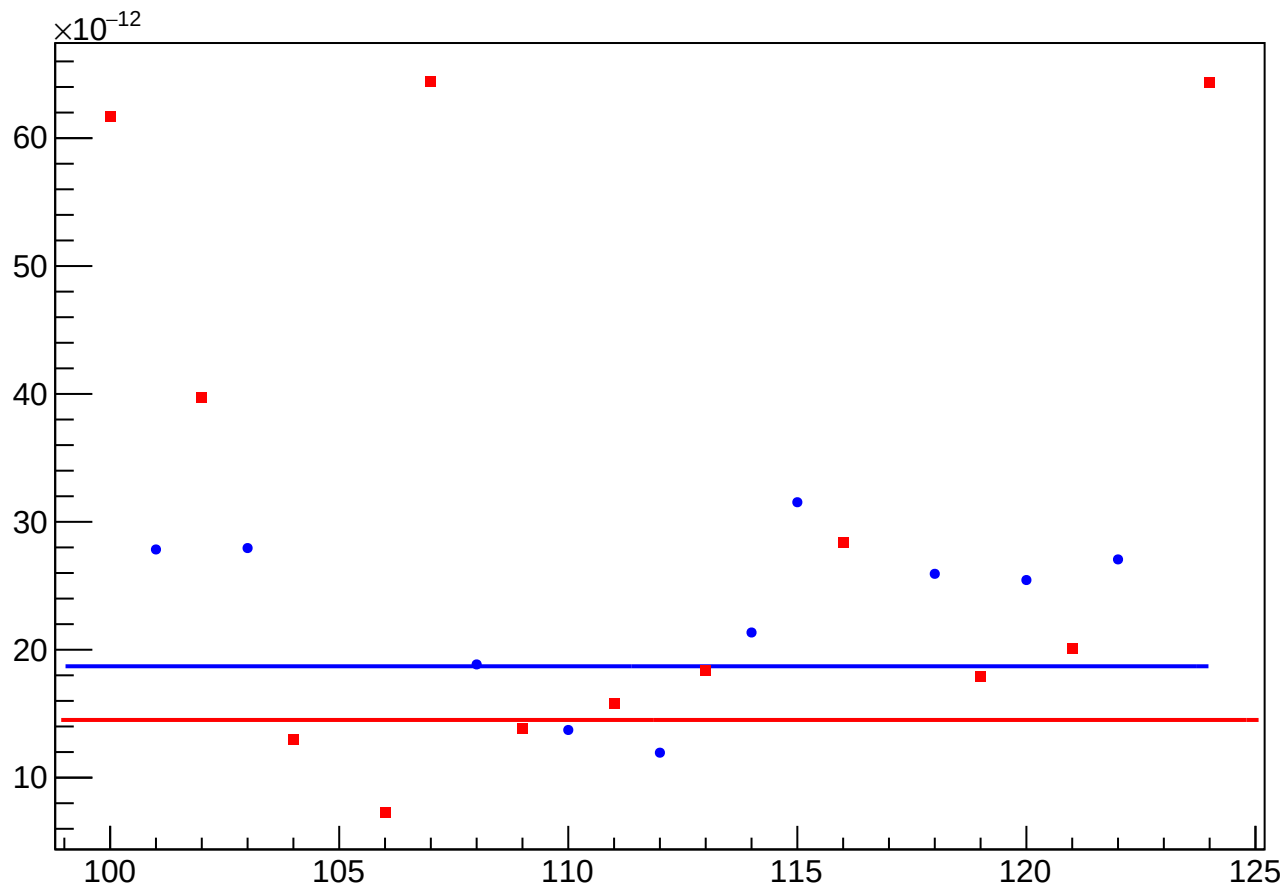
Right: -0.000+/-0.000 χ^2 /NDF: 34.8/21

In: -0.000+/-0.000 χ^2 /NDF:4.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 34.8/21

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 : 536307.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1211587.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

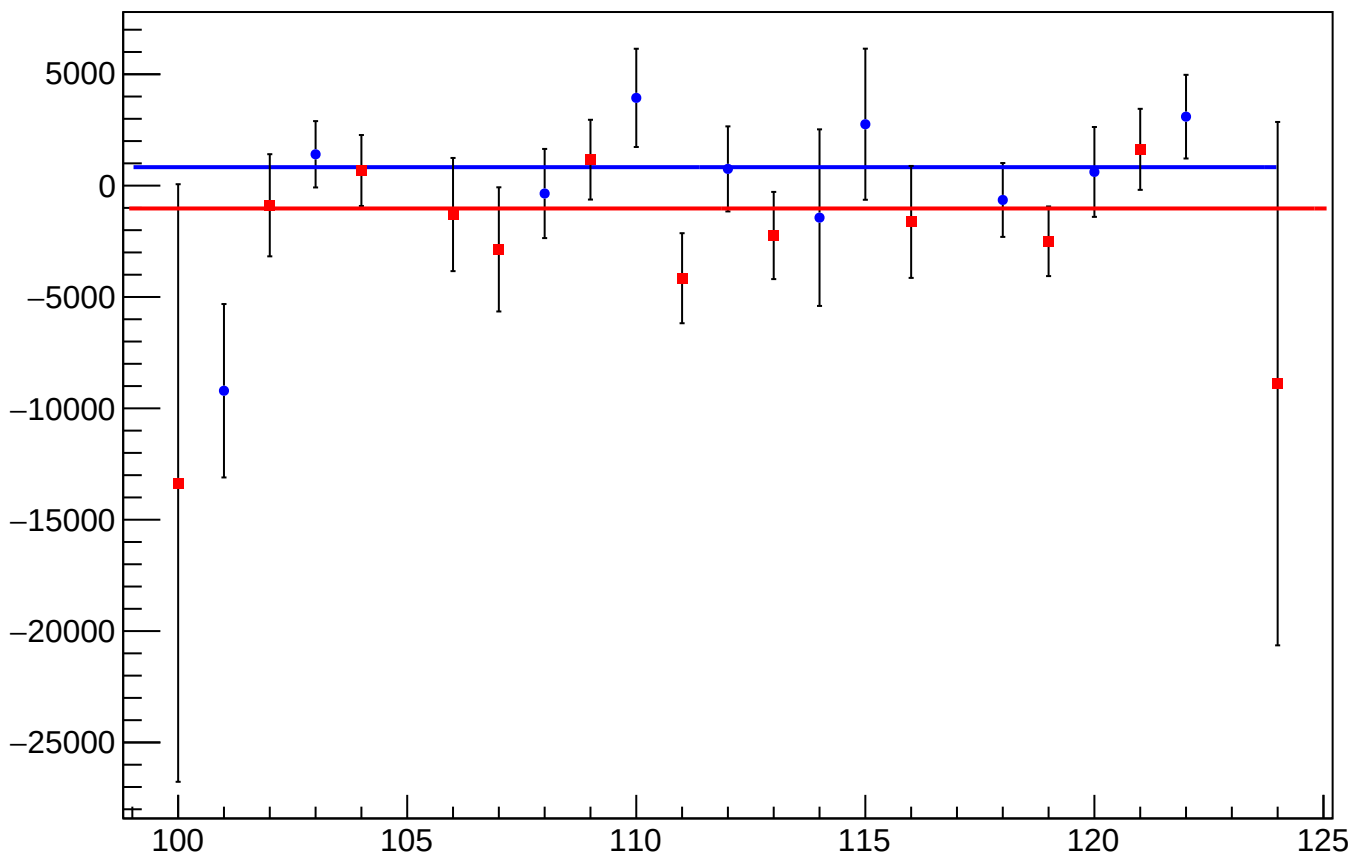
Right: 0.000+/-0.000 χ^2/NDF : 1879880.4/21

In: 0.000+/-0.000 χ^2/NDF : 536307.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1879880.4/21

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 828.625+/-660.899 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1026.083+/-624.039 χ^2/NDF : 10.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

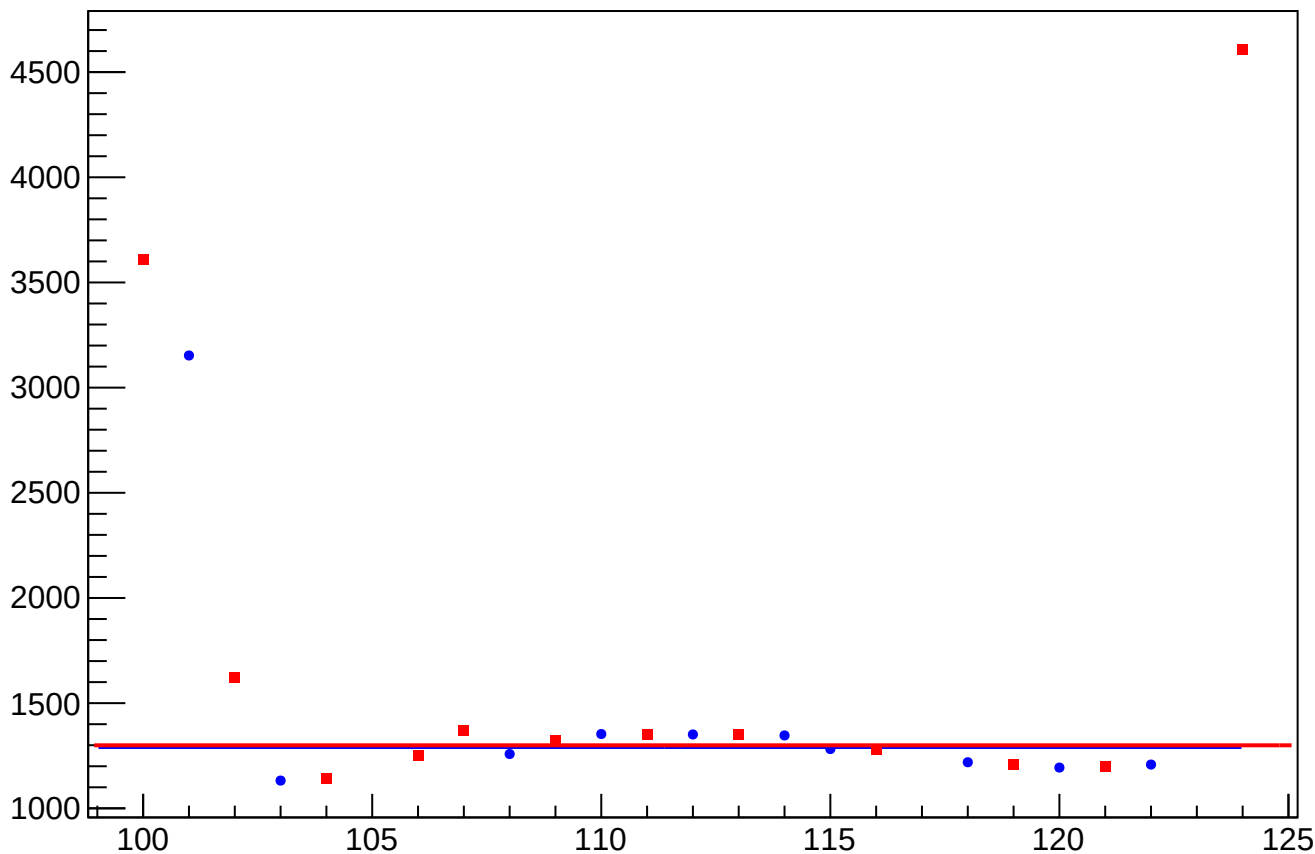
Right: -151.891+/-453.734 χ^2/NDF : 26.5/21

In: 828.625+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.891+/-453.734 χ^2/NDF : 26.5/21

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1291.630+/-0.467 χ^2/NDF : 497096.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1299.593+/-0.441 χ^2/NDF : 296042.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

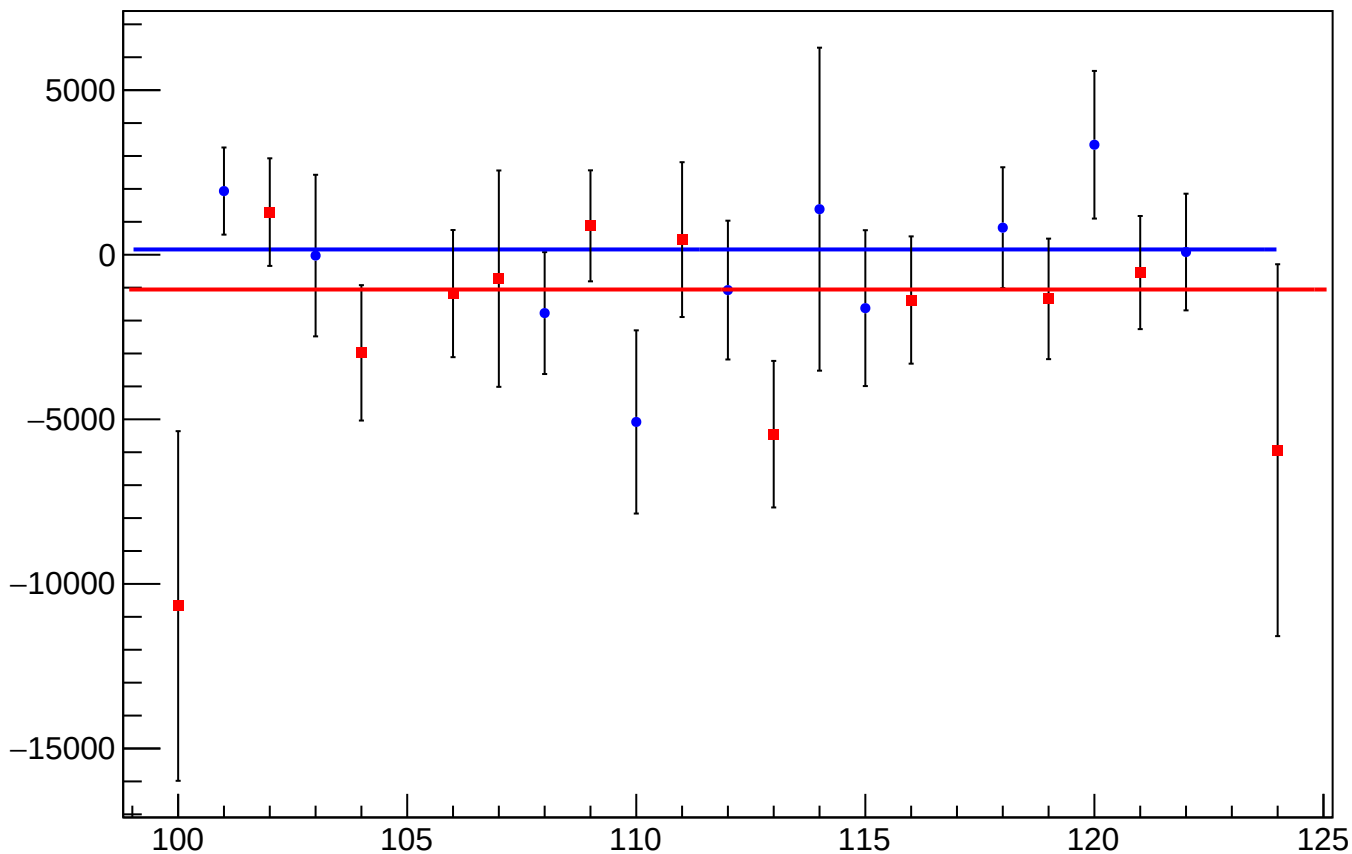
Right: 1295.840+/-0.321 χ^2/NDF : 793291.9/21

In: 1291.630+/-0.467 χ^2/NDF : 497096.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.840+/-0.321 χ^2/NDF : 793291.9/21

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 160.636+/-643.280 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1056.231+/-611.159 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

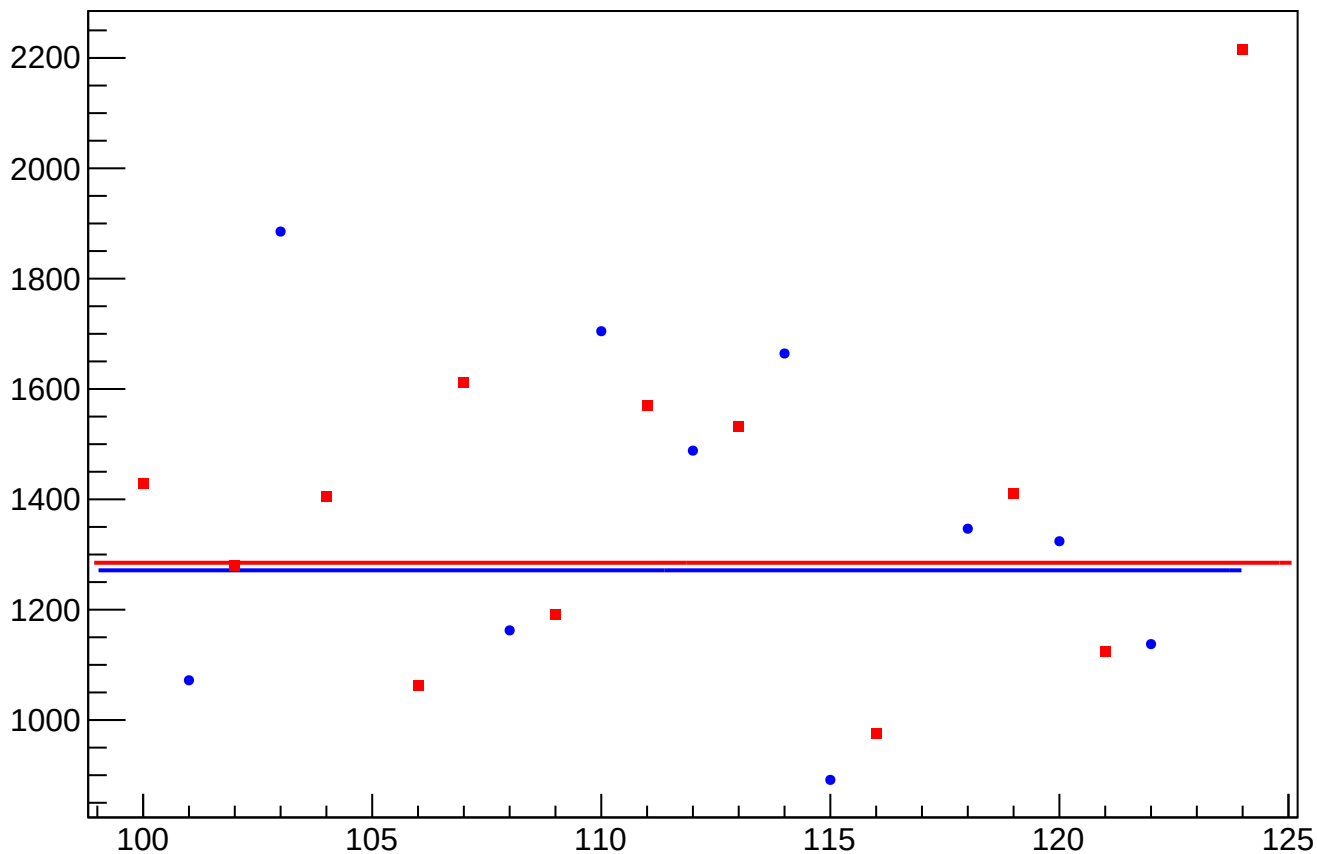
Right: -478.935+/-443.075 χ^2/NDF : 24.2/21

In: 160.636+/-643.280 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.935+/-443.075 χ^2/NDF : 24.2/21

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1271.356+/-0.455 χ^2/NDF : 327267.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.083+/-0.432 χ^2/NDF : 247253.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

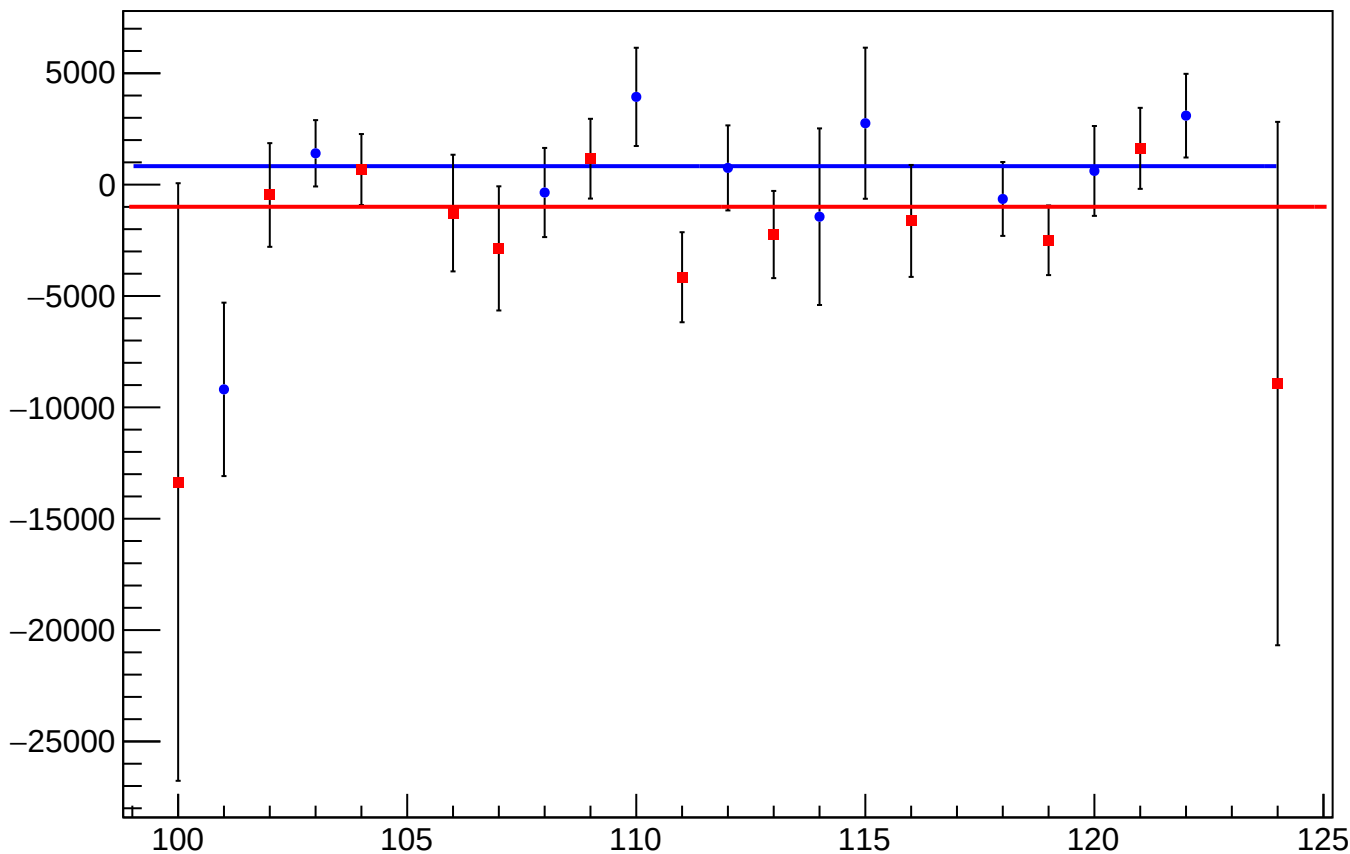
Right: 1278.571+/-0.313 χ^2/NDF : 574999.3/21

In: 1271.356+/-0.455 χ^2/NDF : 327267.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.571+/-0.313 χ^2/NDF : 574999.3/21

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -994.390+/-625.832 χ^2/NDF : 10.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

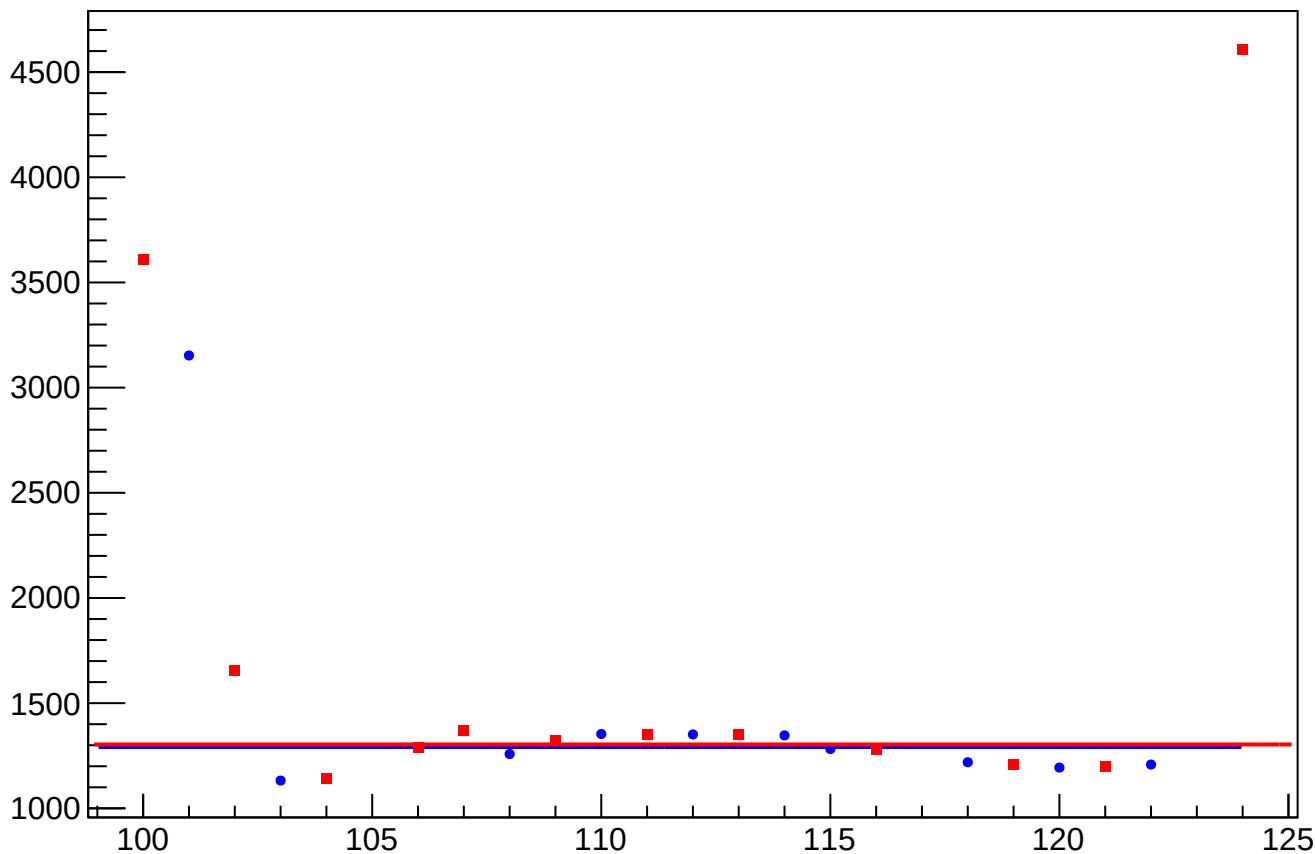
Right: -132.282+/-454.422 χ^2/NDF : 26.3/21

In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.282+/-454.422 χ^2/NDF : 26.3/21

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.562+/-0.443 χ^2/NDF : 301973.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

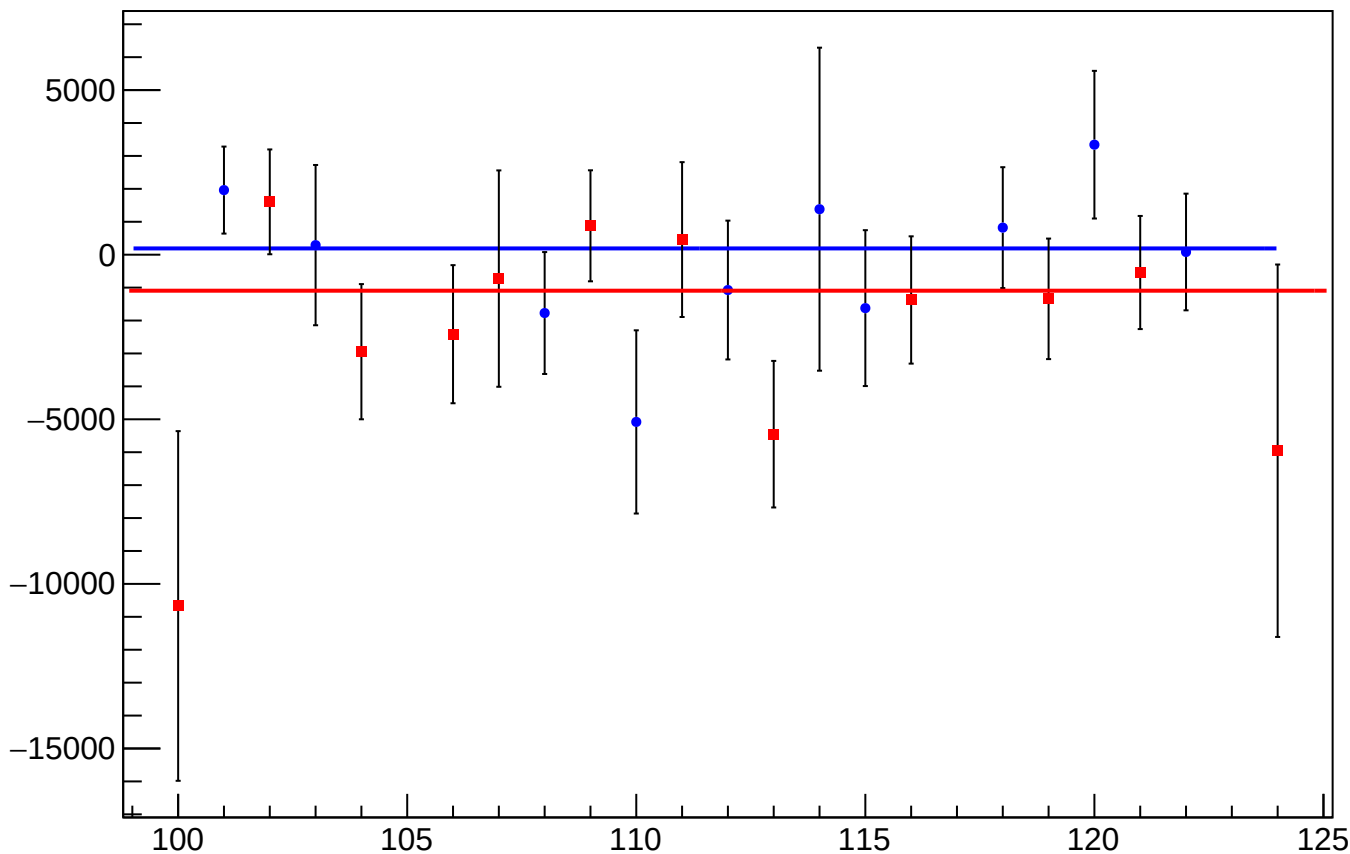
Right: 1297.921+/-0.321 χ^2/NDF : 799415.1/21

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.921+/-0.321 χ^2/NDF : 799415.1/21

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 190.284+/-642.672 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1093.846+/-613.461 χ^2/NDF : 13.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

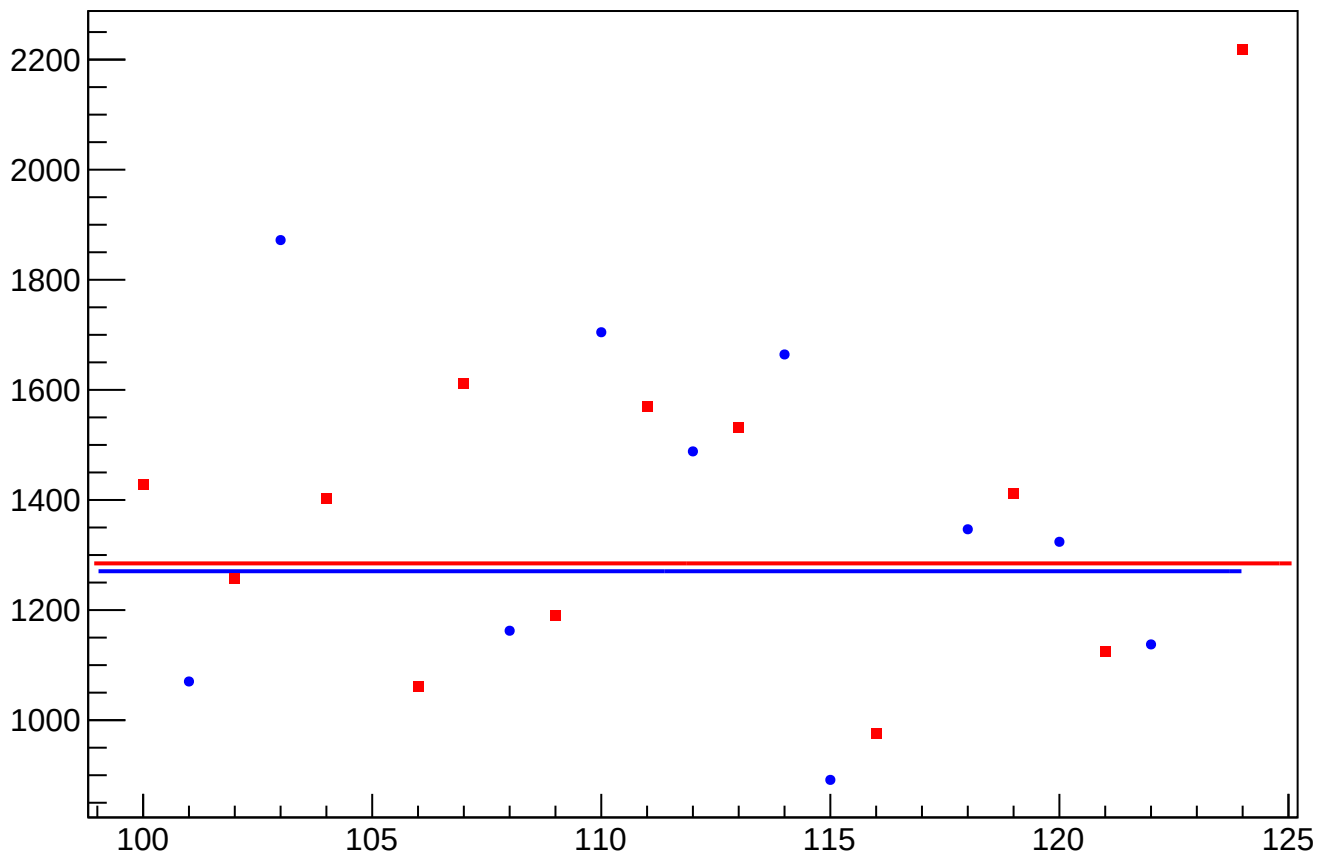
Right: -481.627+/-443.750 χ^2/NDF : 25.6/21

In: 190.284+/-642.672 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -481.627+/-443.750 χ^2/NDF : 25.6/21

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.815+/-0.434 χ^2/NDF : 244338.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

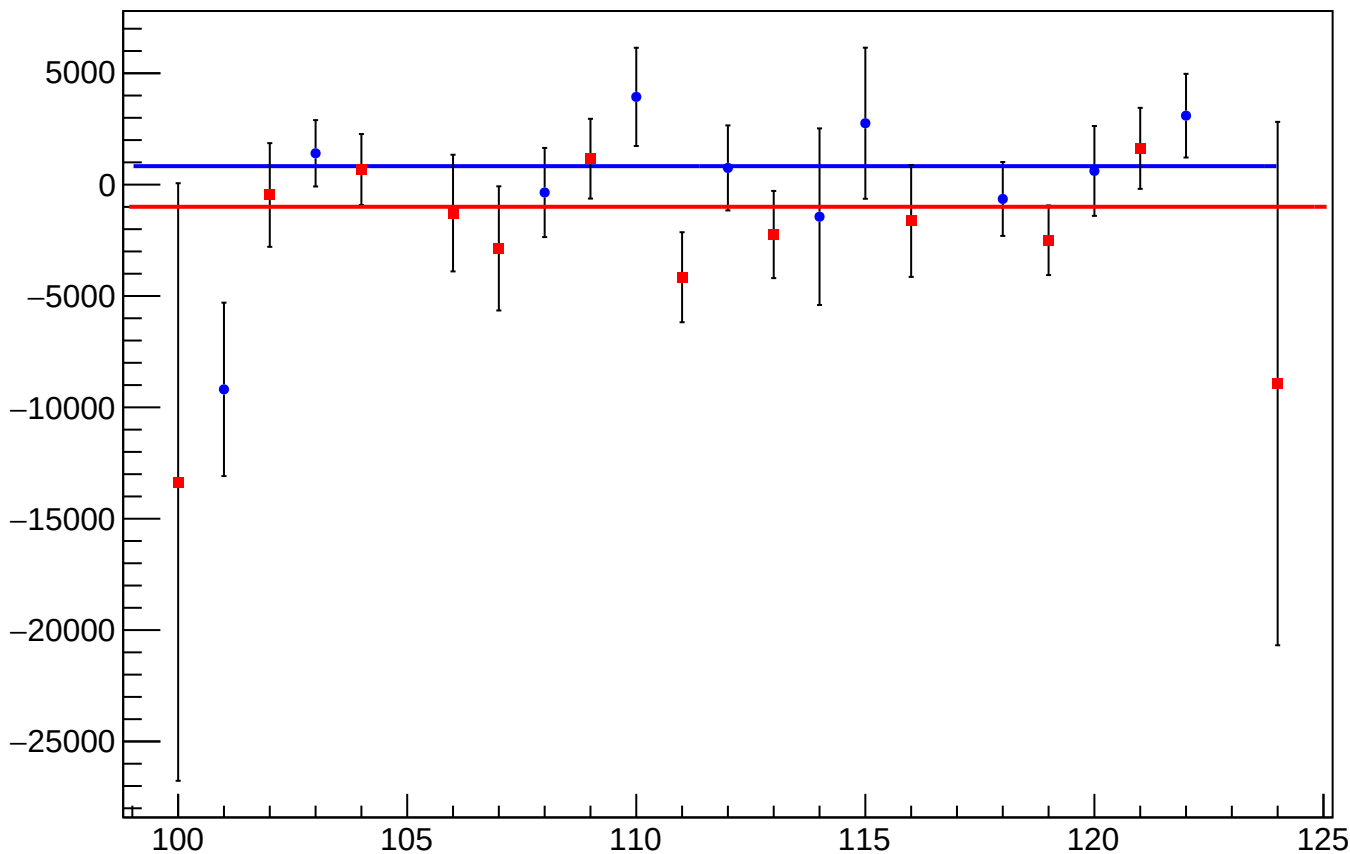
Right: 1278.021+/-0.314 χ^2/NDF : 569744.6/21

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.021+/-0.314 χ^2/NDF : 569744.6/21

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -994.390+/-625.832 χ^2/NDF : 10.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

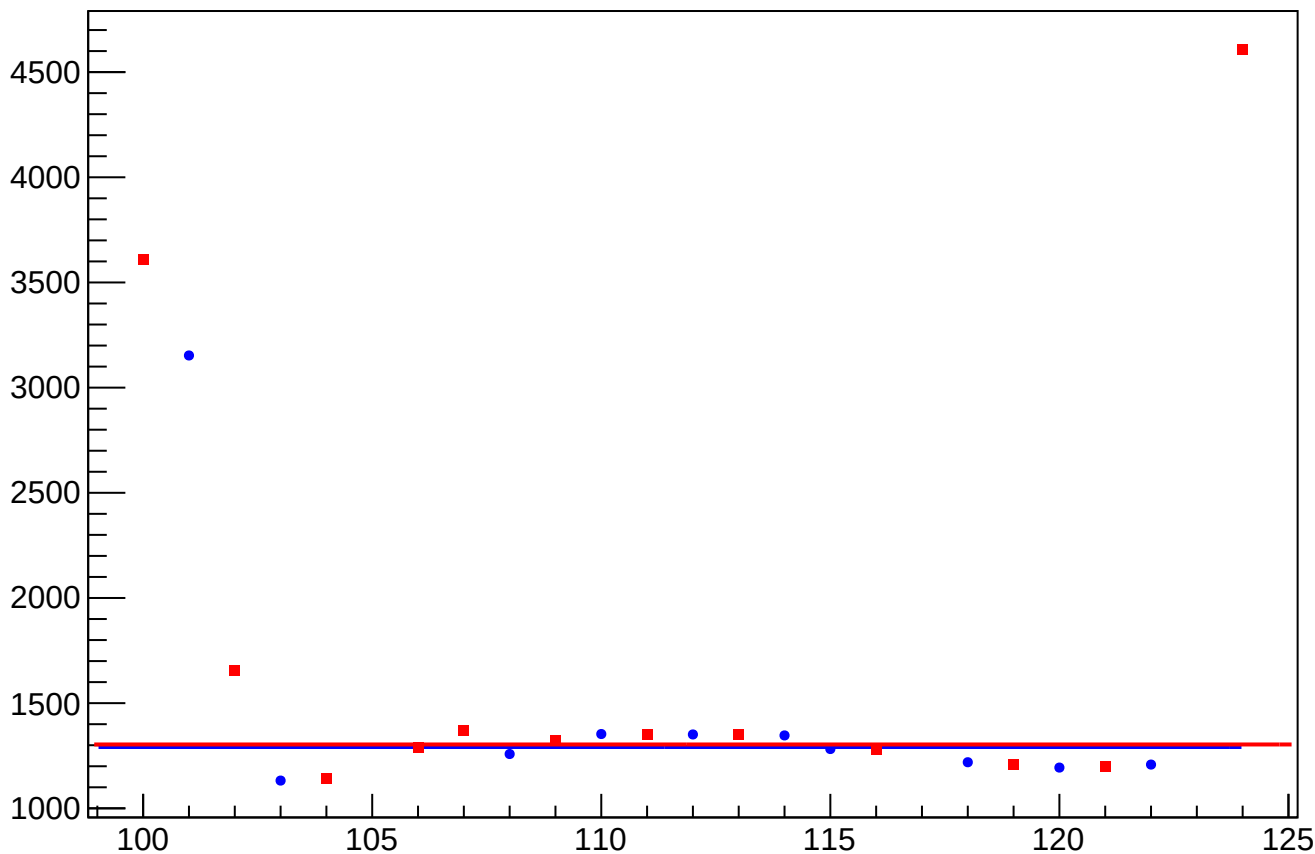
Right: -132.282+/-454.422 χ^2/NDF : 26.3/21

In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.282+/-454.422 χ^2/NDF : 26.3/21

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.562+/-0.443 χ^2/NDF : 301973.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

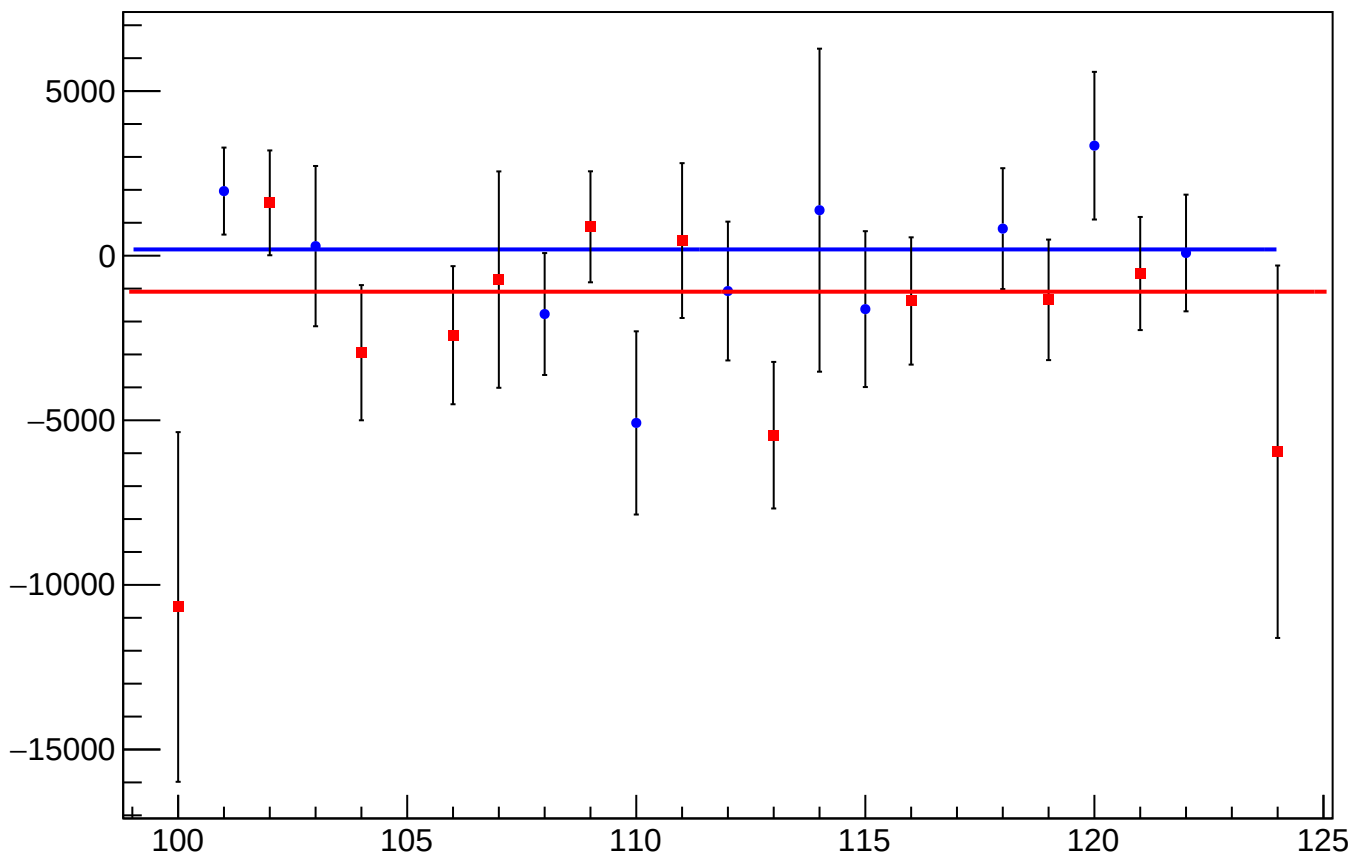
Right: 1297.921+/-0.321 χ^2/NDF : 799415.1/21

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.921+/-0.321 χ^2/NDF : 799415.1/21

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 190.284+/-642.672 χ^2 /NDF: 9.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1093.846+/-613.461 χ^2 /NDF: 13.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

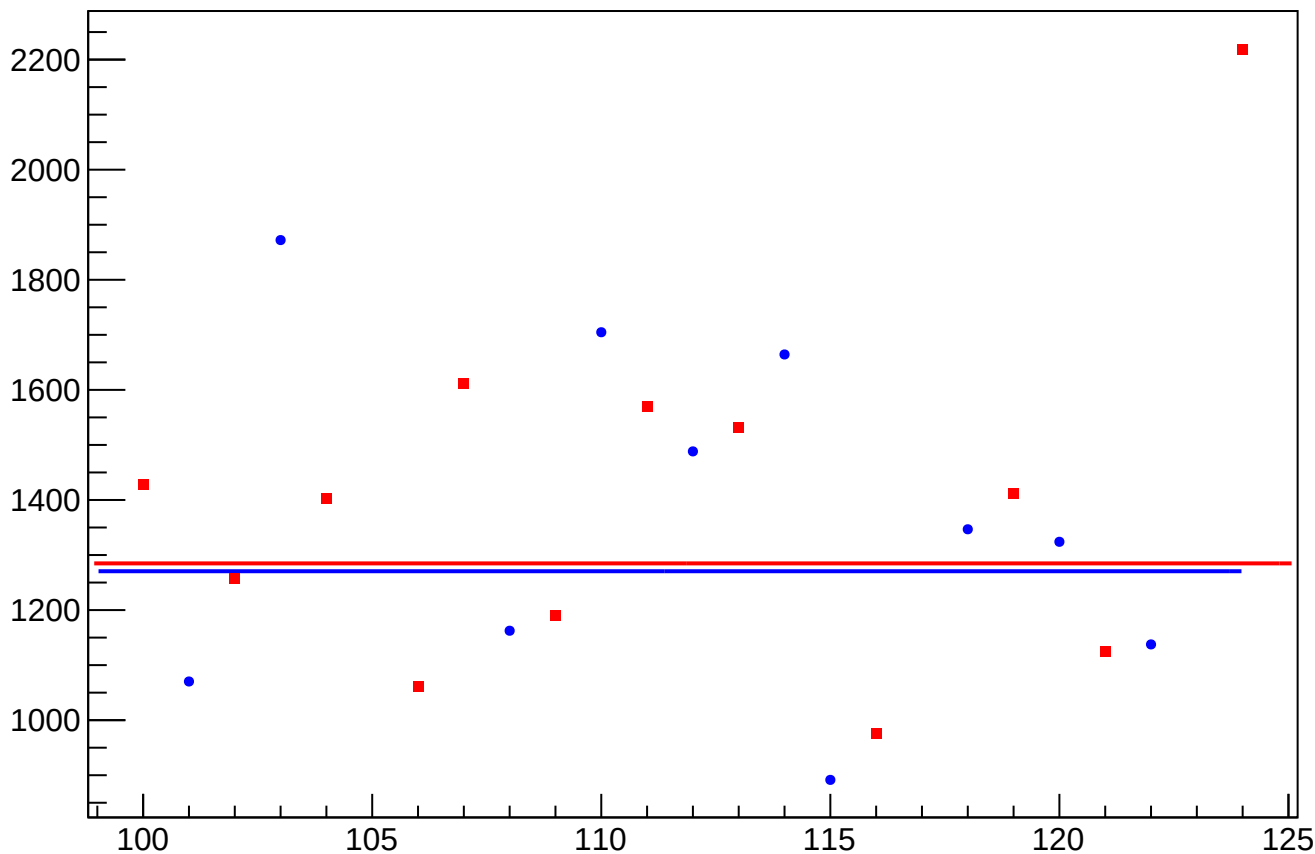
Right: -481.627+/-443.750 χ^2 /NDF: 25.6/21

In: 190.284+/-642.672 χ^2 /NDF:9.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -481.627+/-443.750 χ^2 /NDF: 25.6/21

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.815+/-0.434 χ^2/NDF : 244338.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

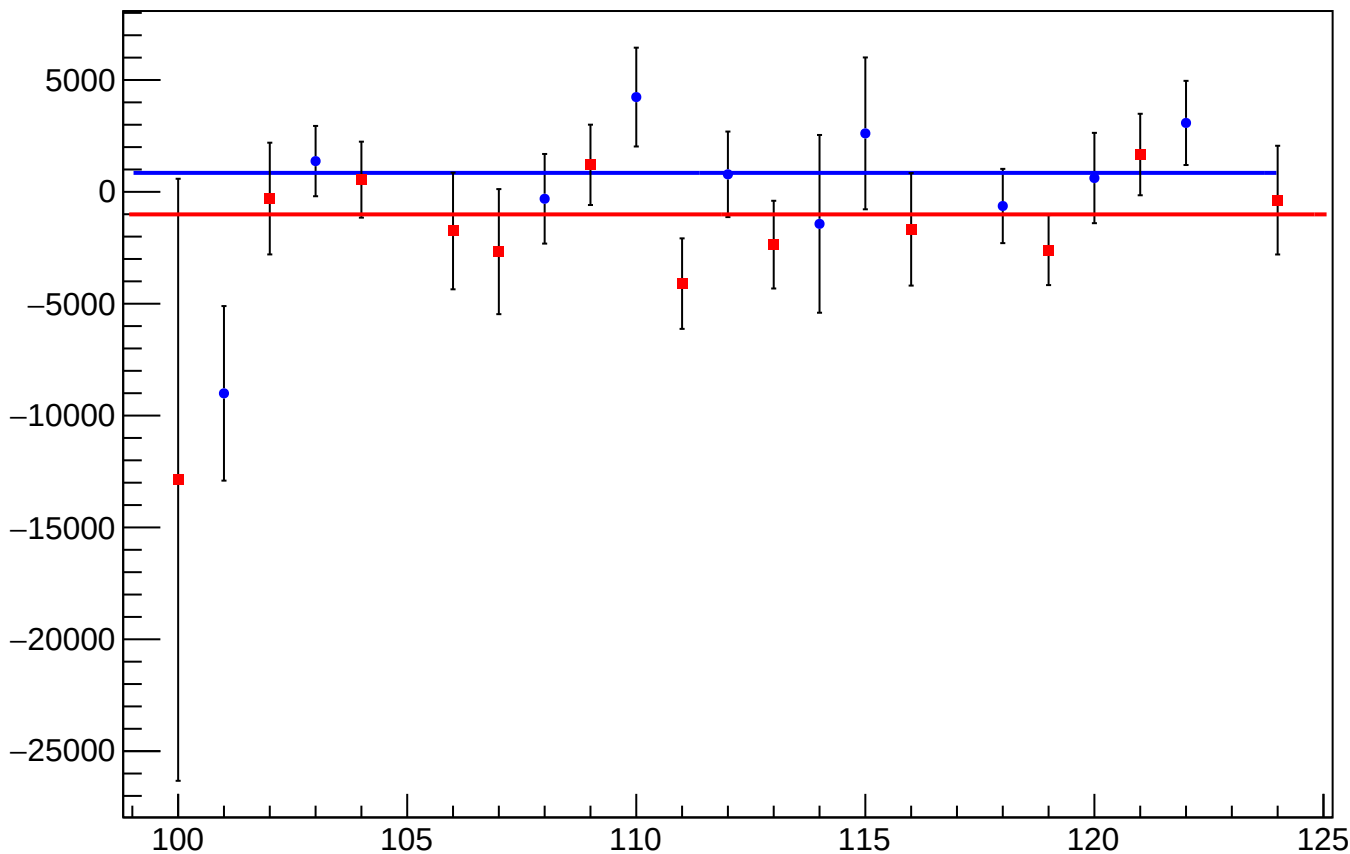
Right: 1278.021+/-0.314 χ^2/NDF : 569744.6/21

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.021+/-0.314 χ^2/NDF : 569744.6/21

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 848.444+/-668.144 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1007.027+/-615.445 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

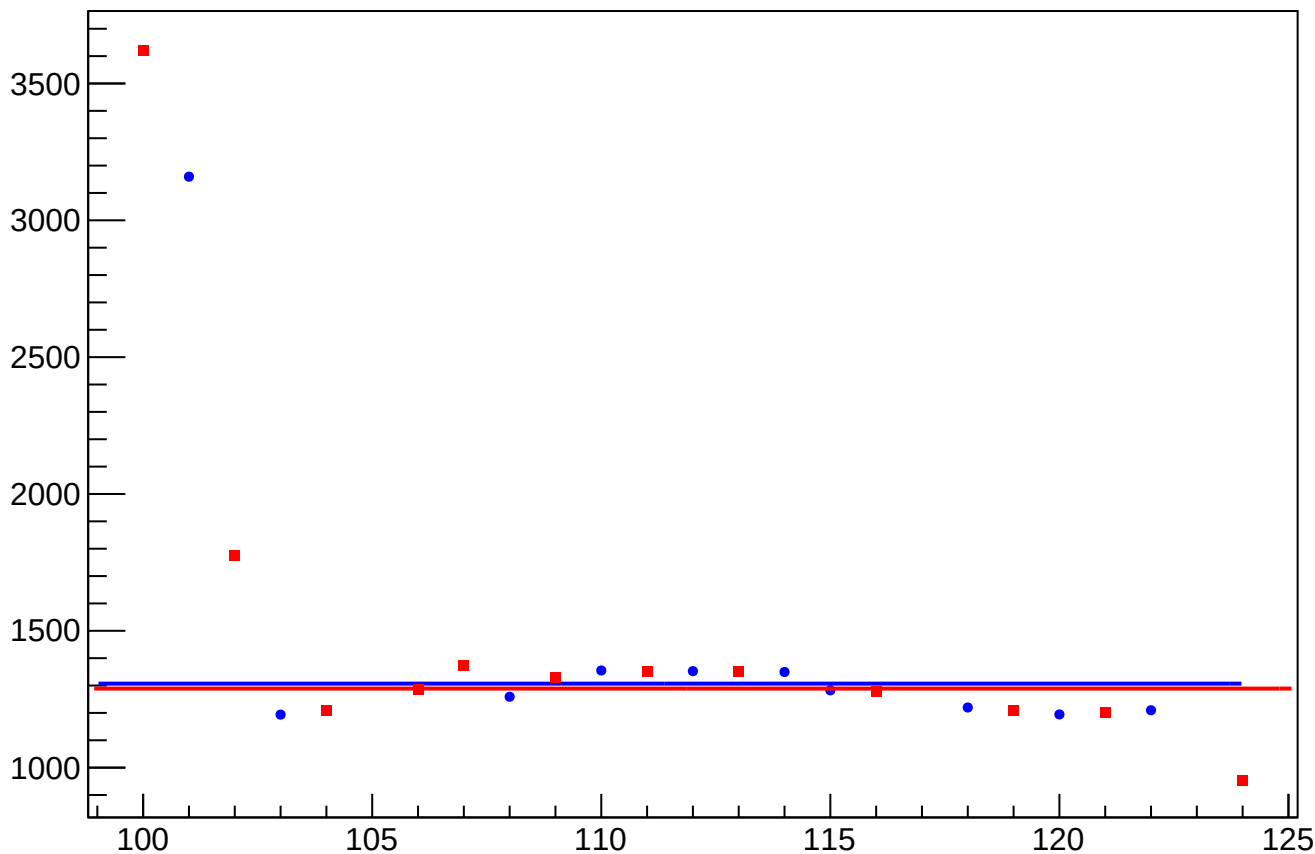
Right: -155.341+/-452.671 χ^2/NDF : 26.0/21

In: 848.444+/-668.144 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -155.341+/-452.671 χ^2/NDF : 26.0/21

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1306.999+/-0.472 χ^2/NDF : 481994.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.921+/-0.435 χ^2/NDF : 195635.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

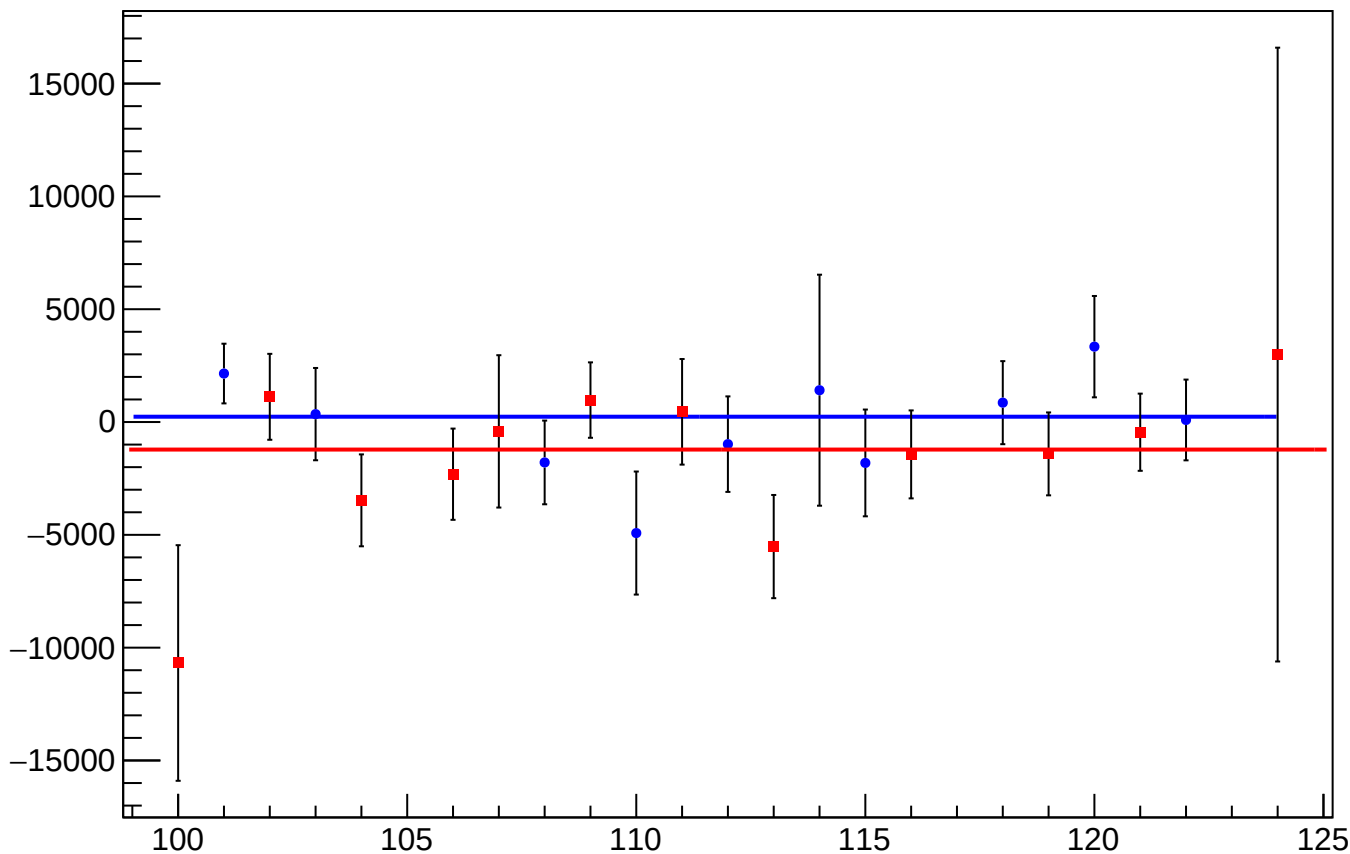
Right: 1297.219+/-0.320 χ^2/NDF : 678421.4/21

In: 1306.999+/-0.472 χ^2/NDF : 481994.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.219+/-0.320 χ^2/NDF : 678421.4/21

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 235.627+/-634.794 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1220.430+/-629.390 χ^2/NDF : 12.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

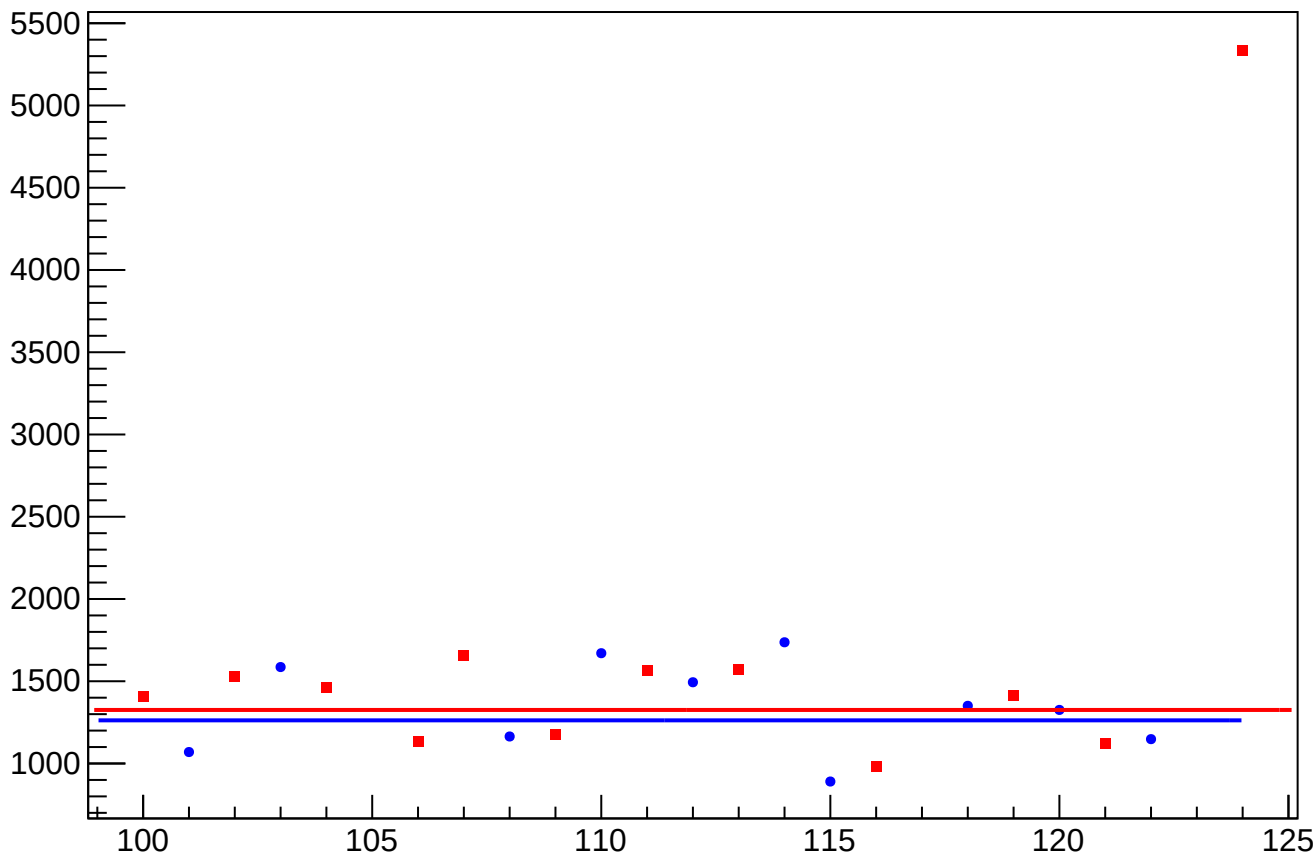
Right: -498.625+/-446.944 χ^2/NDF : 25.1/21

In: 235.627+/-634.794 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.625+/-446.944 χ^2/NDF : 25.1/21

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1262.311+/-0.449 χ^2/NDF : 247885.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.484+/-0.445 χ^2/NDF : 399597.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

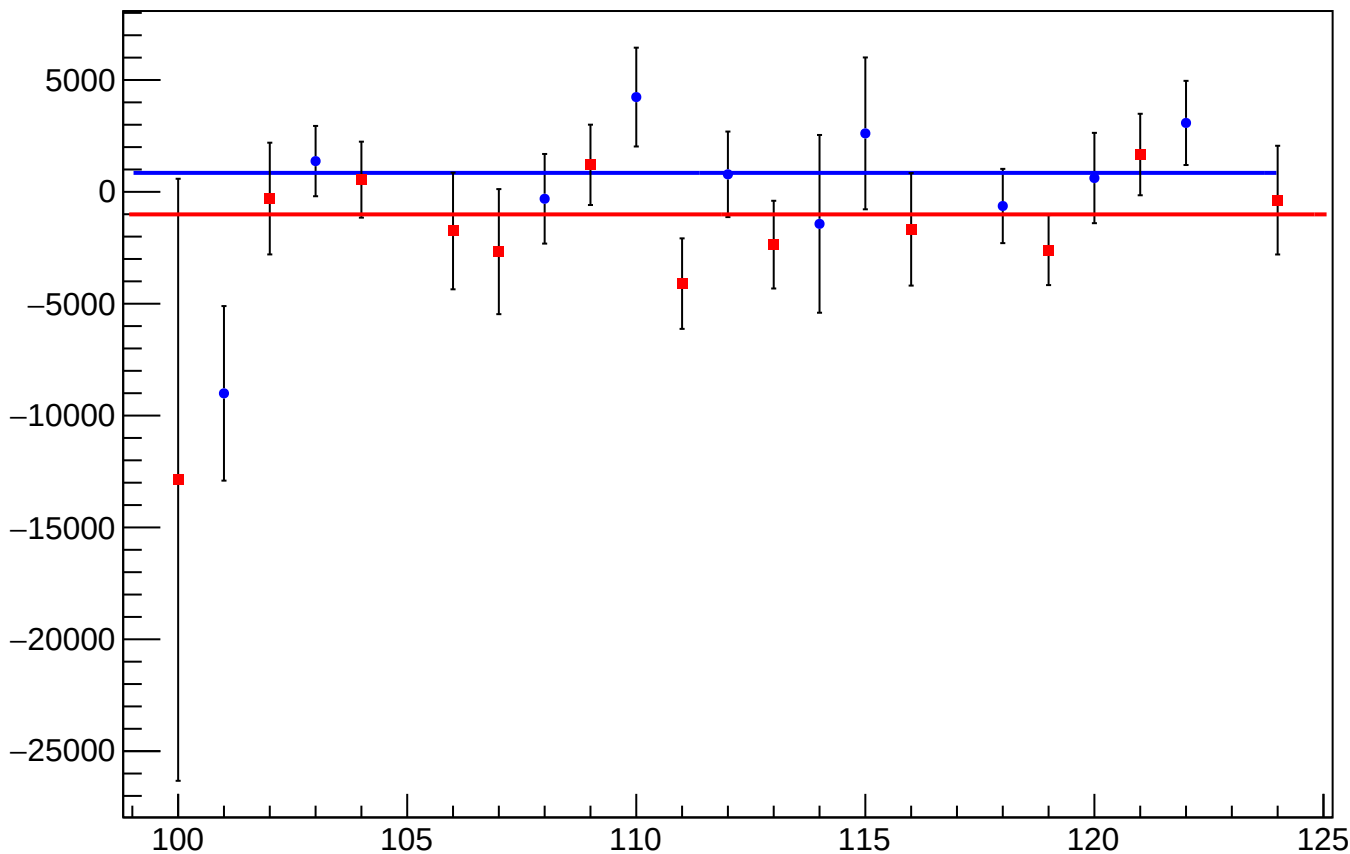
Right: 1294.167+/-0.316 χ^2/NDF : 657472.1/21

In: 1262.311+/-0.449 χ^2/NDF : 247885.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.167+/-0.316 χ^2/NDF : 657472.1/21

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 848.440+/-668.144 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1007.029+/-615.445 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

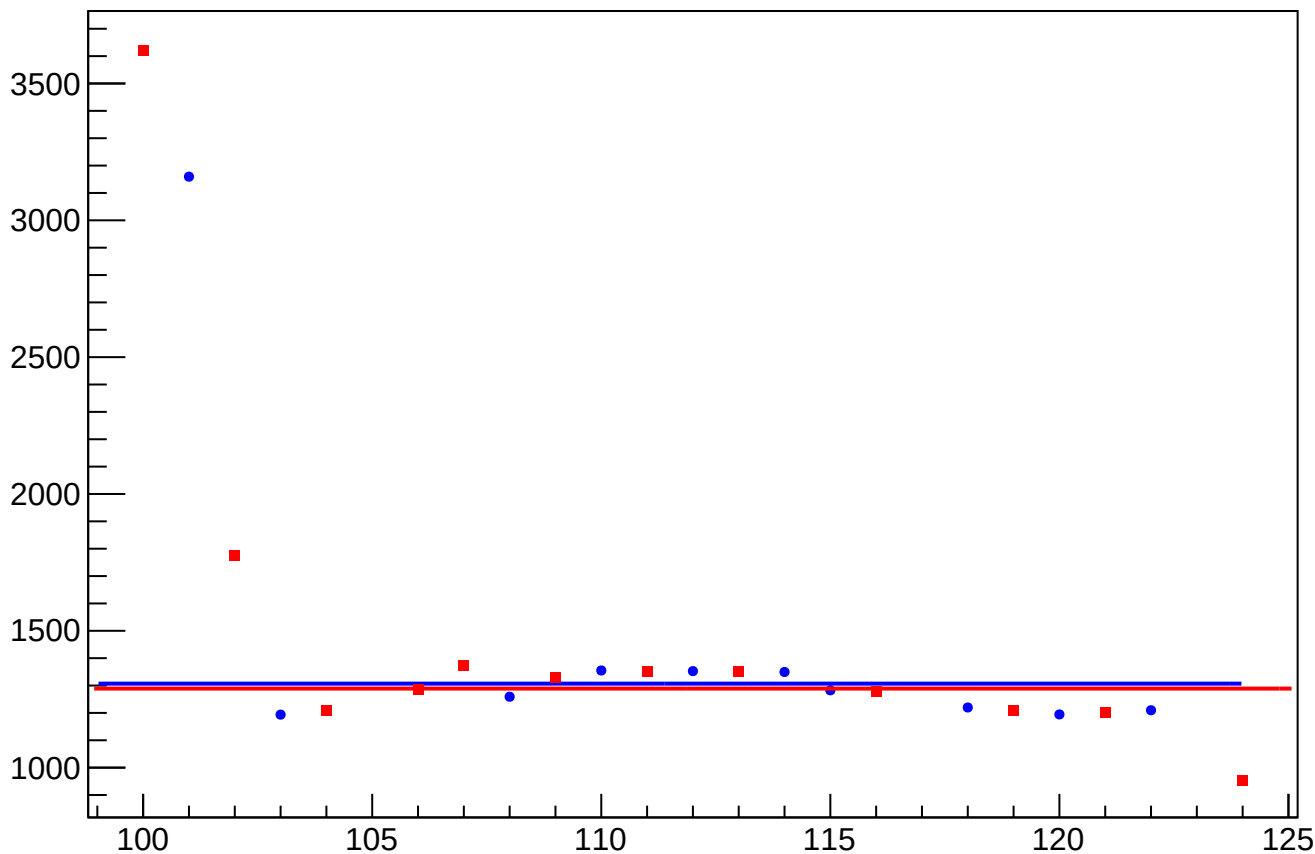
Right: -155.344+/-452.671 χ^2/NDF : 26.0/21

In: 848.440+/-668.144 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -155.344+/-452.671 χ^2/NDF : 26.0/21

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1306.999+/-0.472 χ^2/NDF : 481994.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.921+/-0.435 χ^2/NDF : 195634.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

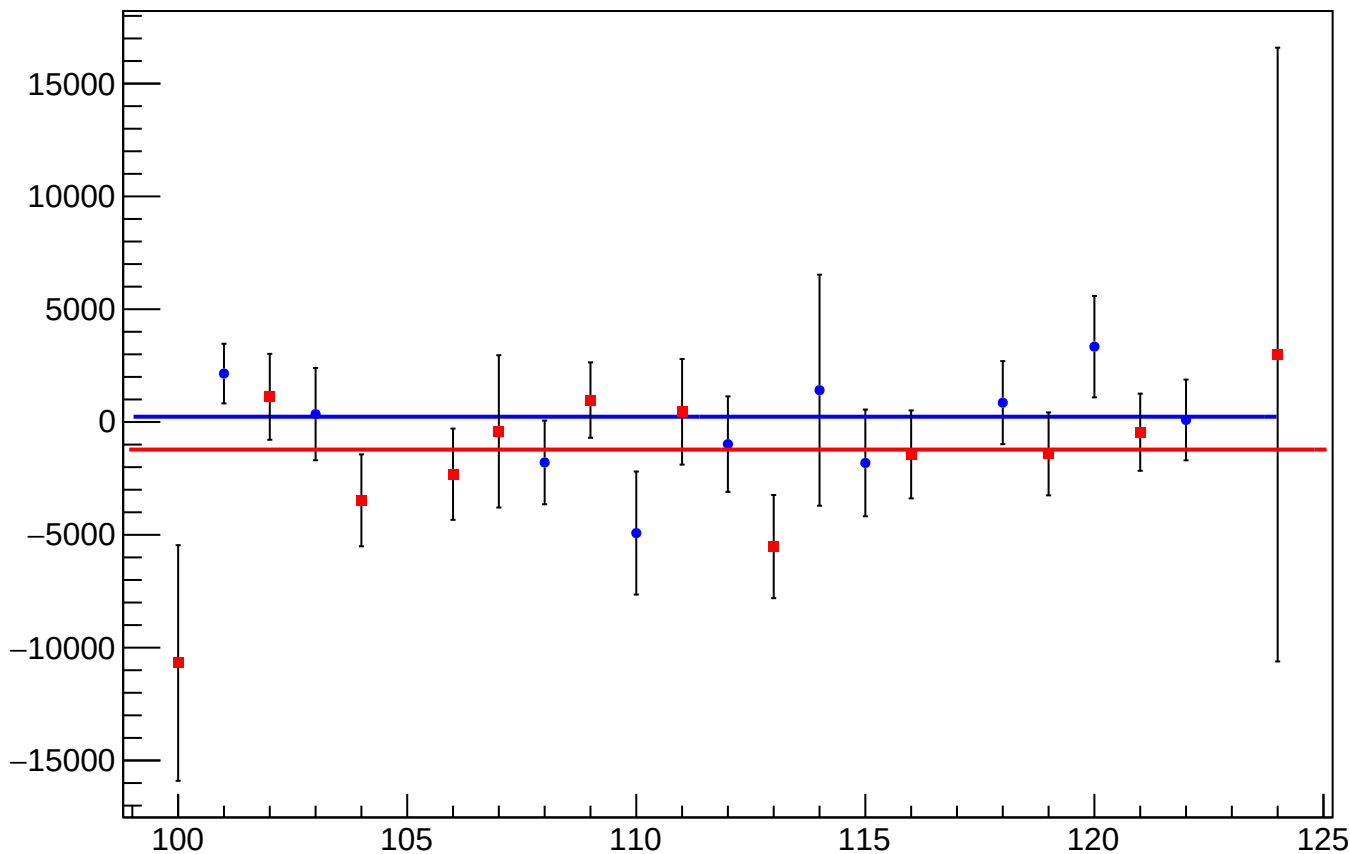
Right: 1297.219+/-0.320 χ^2/NDF : 678421.5/21

In: 1306.999+/-0.472 χ^2/NDF : 481994.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.219+/-0.320 χ^2/NDF : 678421.5/21

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 235.626+/-634.792 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1220.431+/-629.390 χ^2/NDF : 12.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

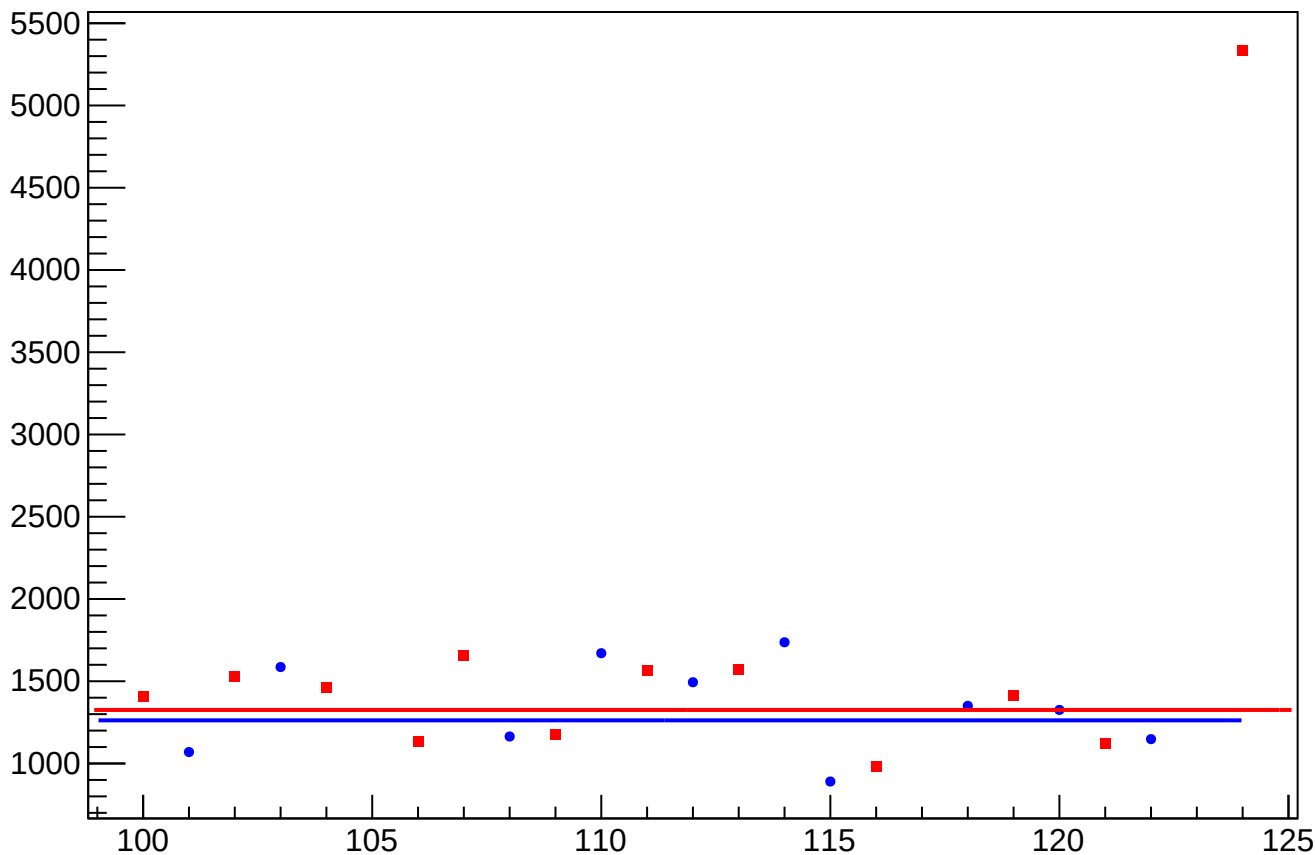
Right: -498.624+/-446.943 χ^2/NDF : 25.1/21

In: 235.626+/-634.792 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.624+/-446.943 χ^2/NDF : 25.1/21

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1262.306+/-0.449 χ^2/NDF : 247891.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.483+/-0.445 χ^2/NDF : 399599.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

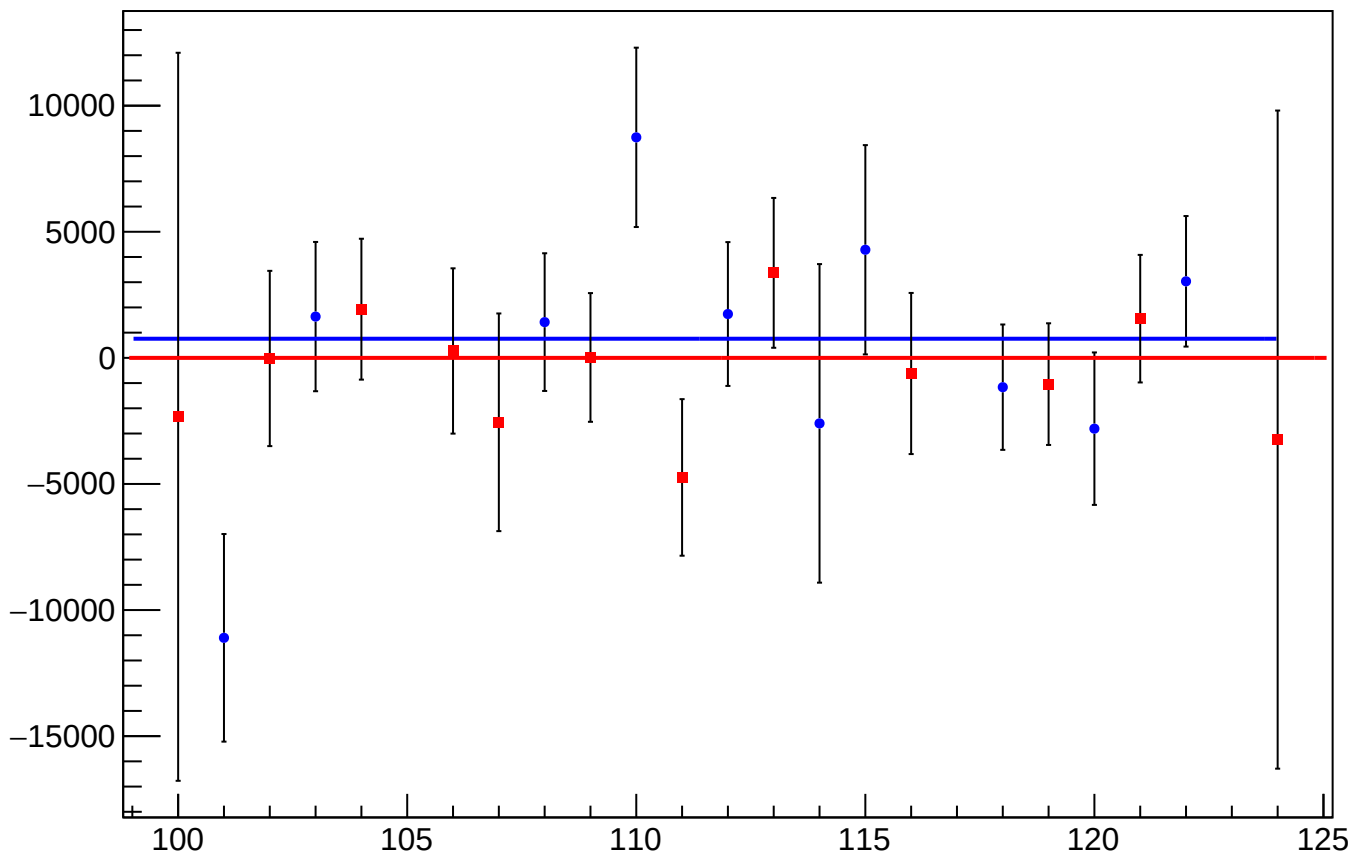
Right: 1294.165+/-0.316 χ^2/NDF : 657480.2/21

In: 1262.306+/-0.449 χ^2/NDF : 247891.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.165+/-0.316 χ^2/NDF : 657480.2/21

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 758.713+/-993.530 χ^2/NDF : 17.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.749+/-926.385 χ^2/NDF : 5.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

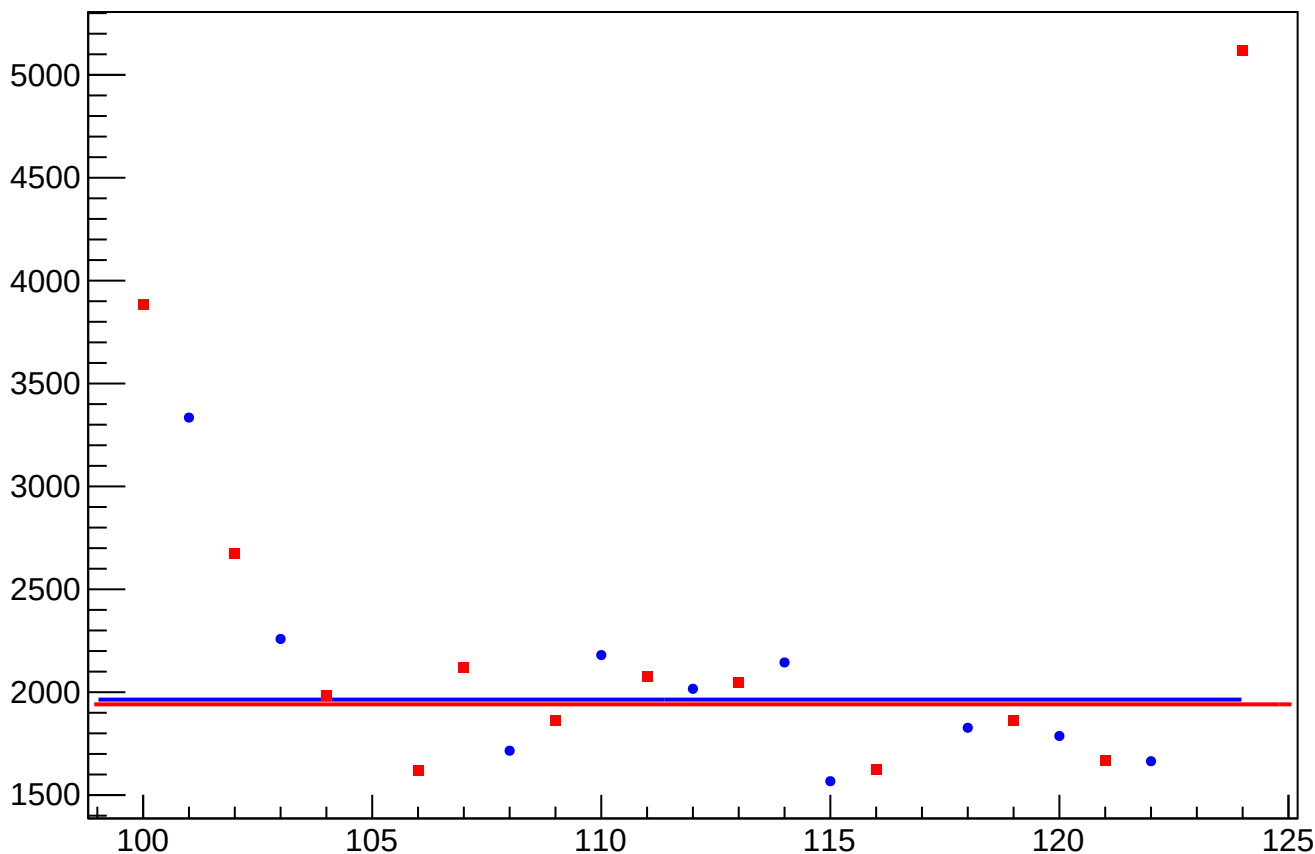
Right: 352.454+/-677.548 χ^2/NDF : 22.8/21

In: 758.713+/-993.530 χ^2/NDF : 17.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.454+/-677.548 χ^2/NDF : 22.8/21

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1964.064+/-0.703 χ^2/NDF : 325728.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1940.937+/-0.655 χ^2/NDF : 320818.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

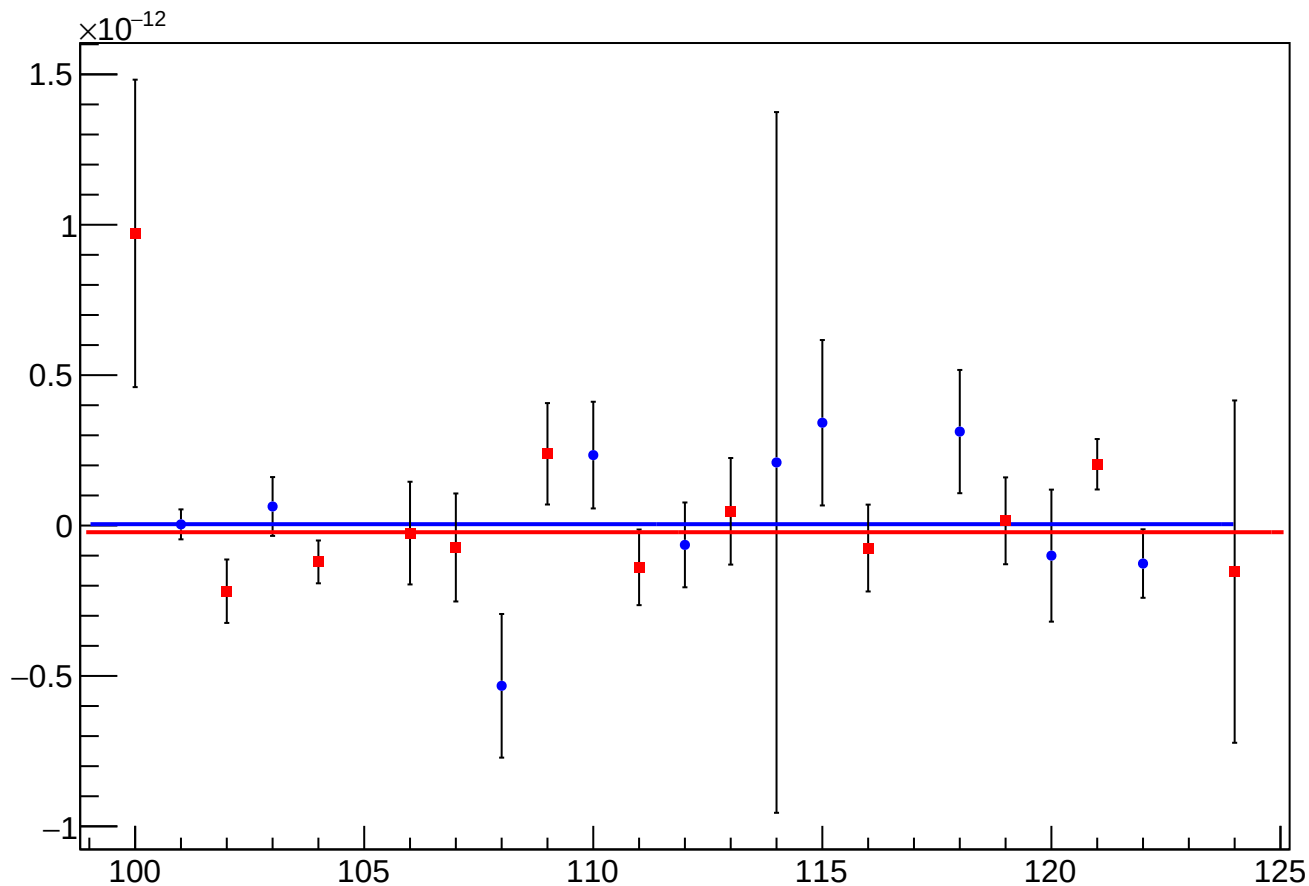
Right: 1951.693+/-0.479 χ^2/NDF : 647126.7/21

In: 1964.064+/-0.703 χ^2/NDF : 325728.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.693+/-0.479 χ^2/NDF : 647126.7/21

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

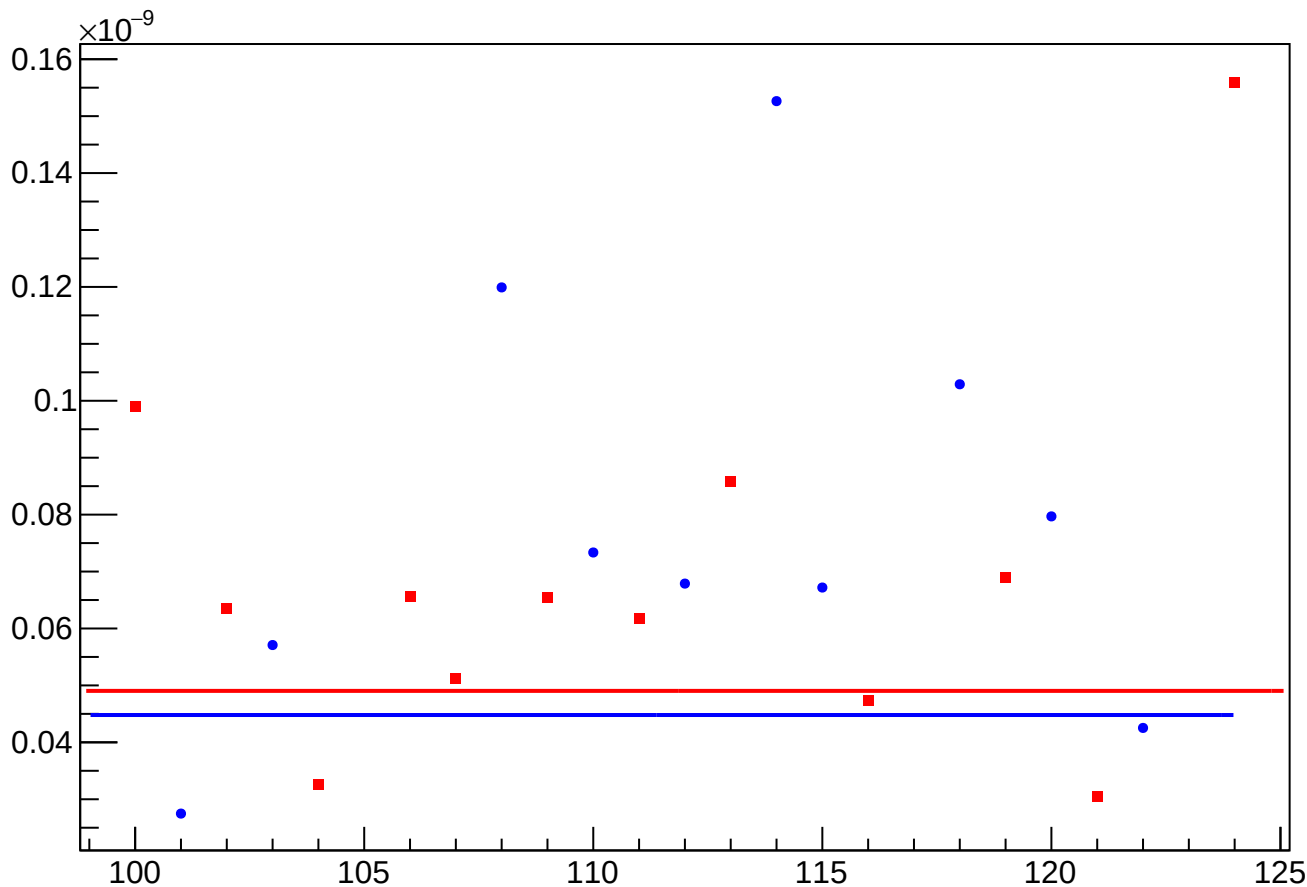
Right: -0.000+/-0.000 χ^2/NDF : 33.1/21

In: 0.000+/-0.000 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.1/21

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 819349.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 514072.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

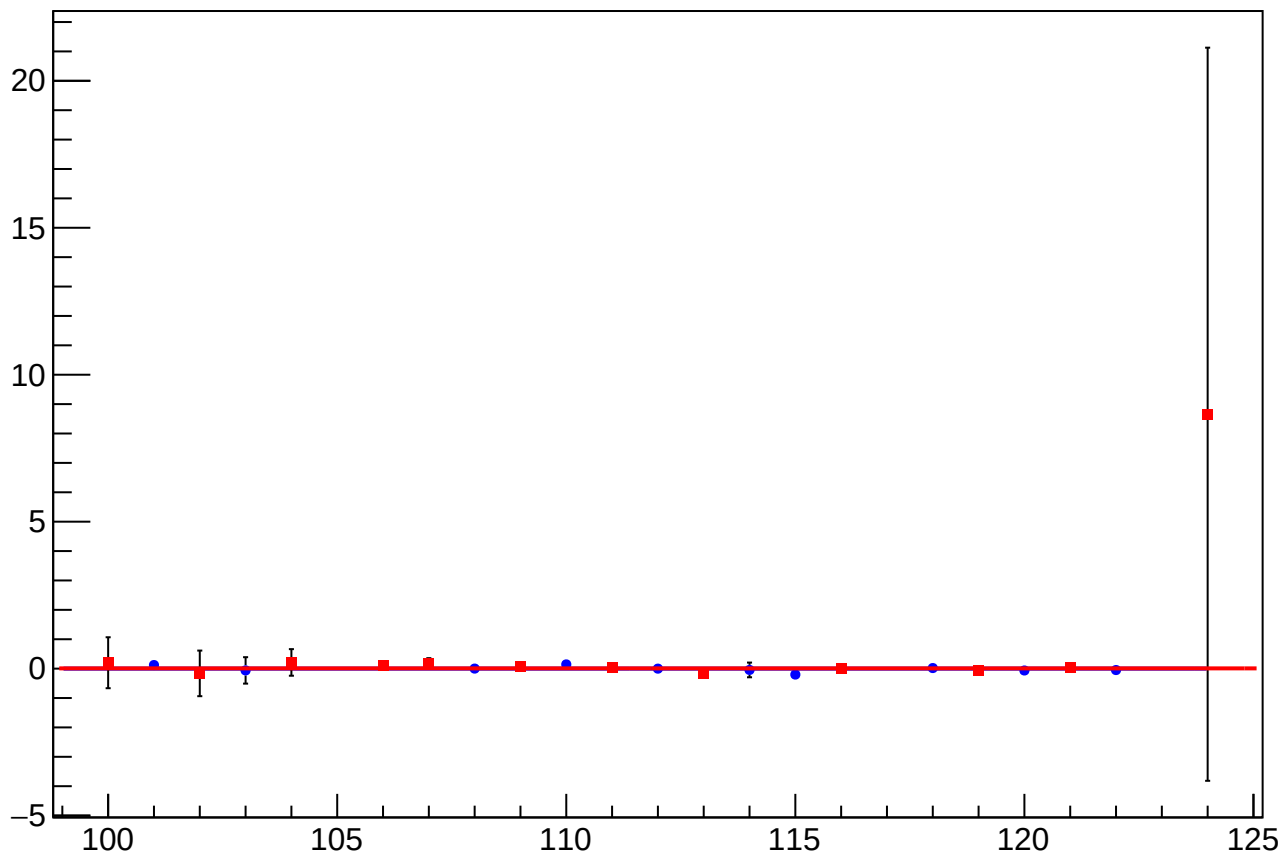
Right: 0.000+/-0.000 χ^2/NDF : 1346632.2/21

In: 0.000+/-0.000 χ^2/NDF : 819349.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1346632.2/21

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

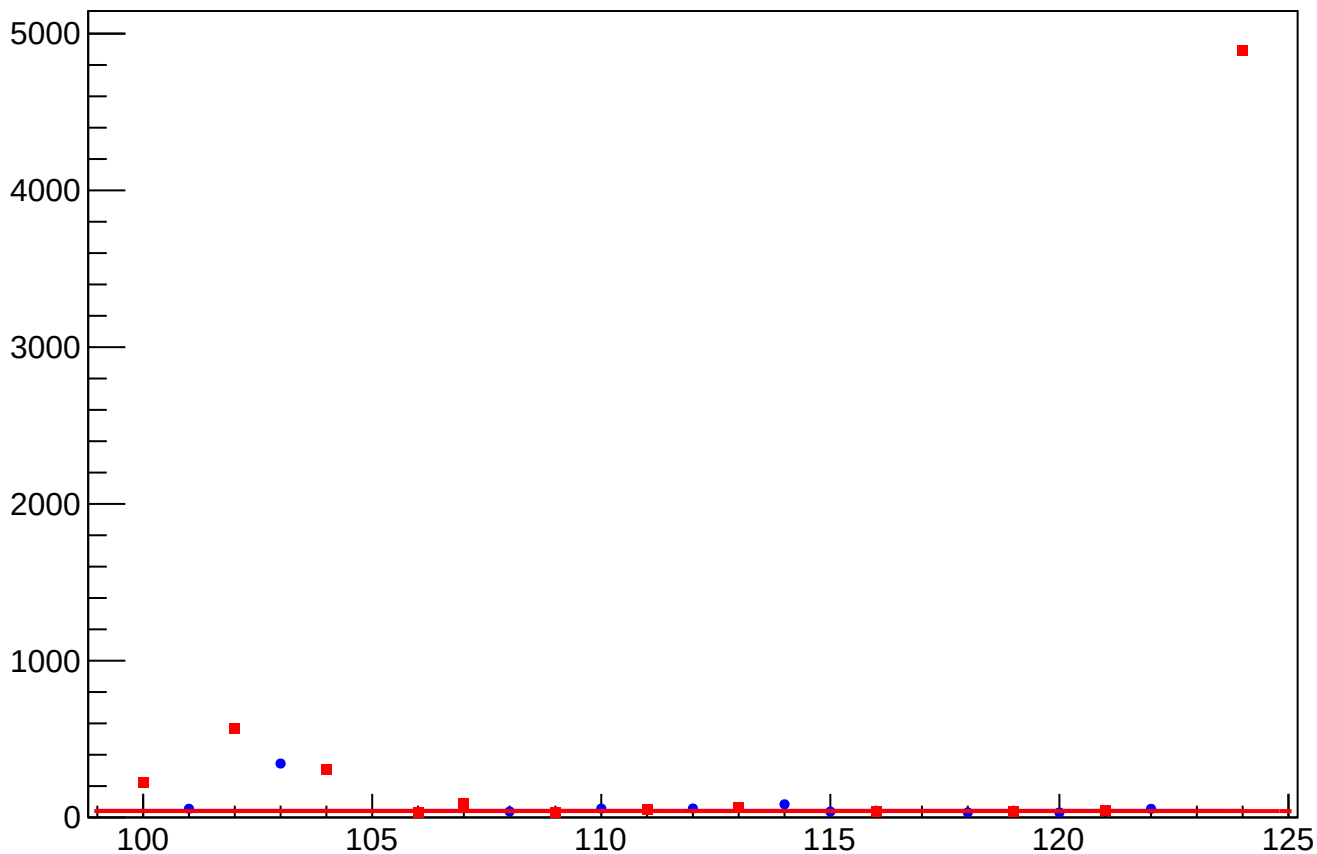
Right: 0.004+/-0.017 χ^2/NDF : 20.2/21

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.017 χ^2/NDF : 20.2/21

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.711+/-0.017 χ^2/NDF : 2388318.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

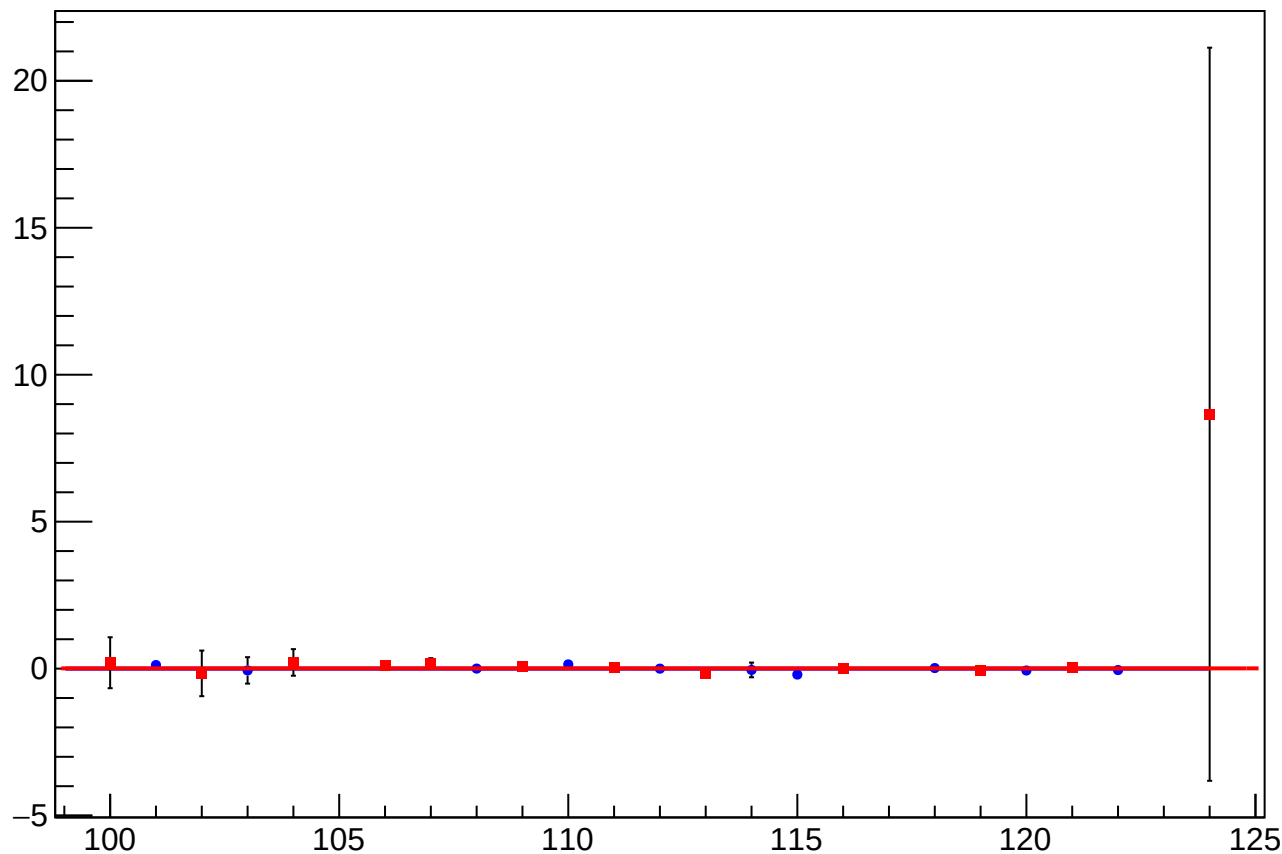
Right: 41.498+/-0.012 χ^2/NDF : 3735439.2/21

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.498+/-0.012 χ^2/NDF : 3735439.2/21

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 : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

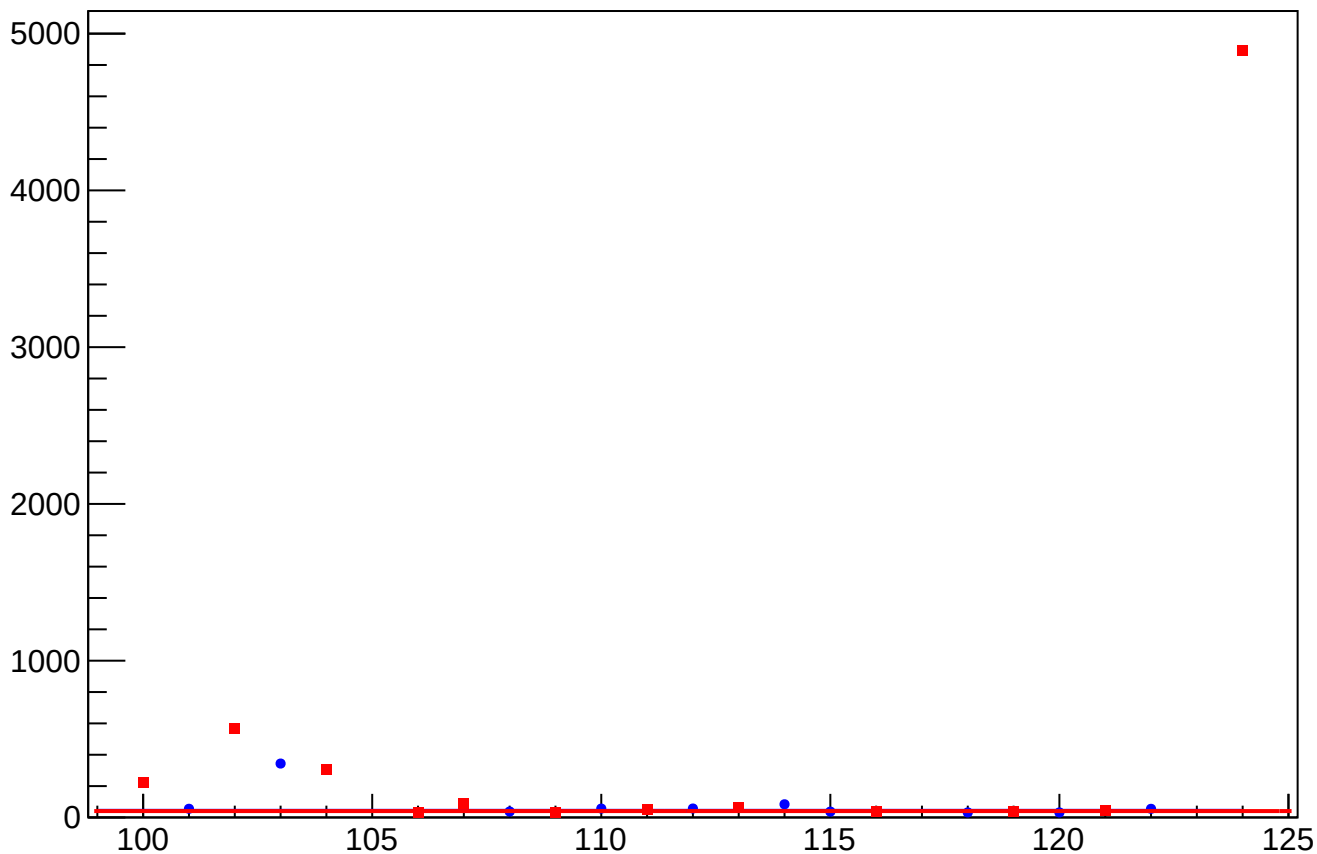
Right: 0.004+/-0.017 χ^2/NDF : 20.2/21

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.017 χ^2/NDF : 20.2/21

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.711+/-0.017 χ^2/NDF : 2388318.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

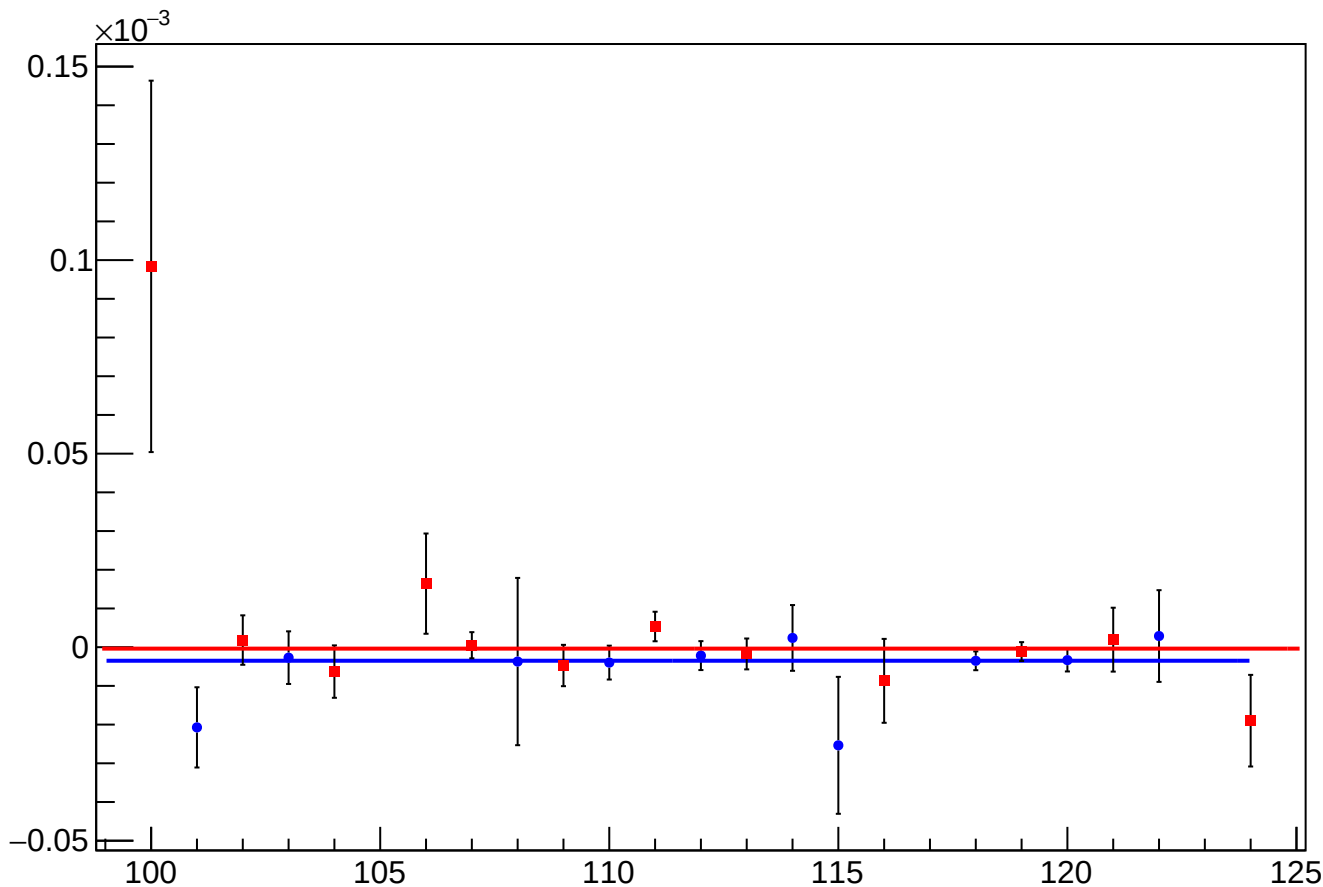
Right: 41.498+/-0.012 χ^2/NDF : 3735439.2/21

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.498+/-0.012 χ^2/NDF : 3735439.2/21

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 : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

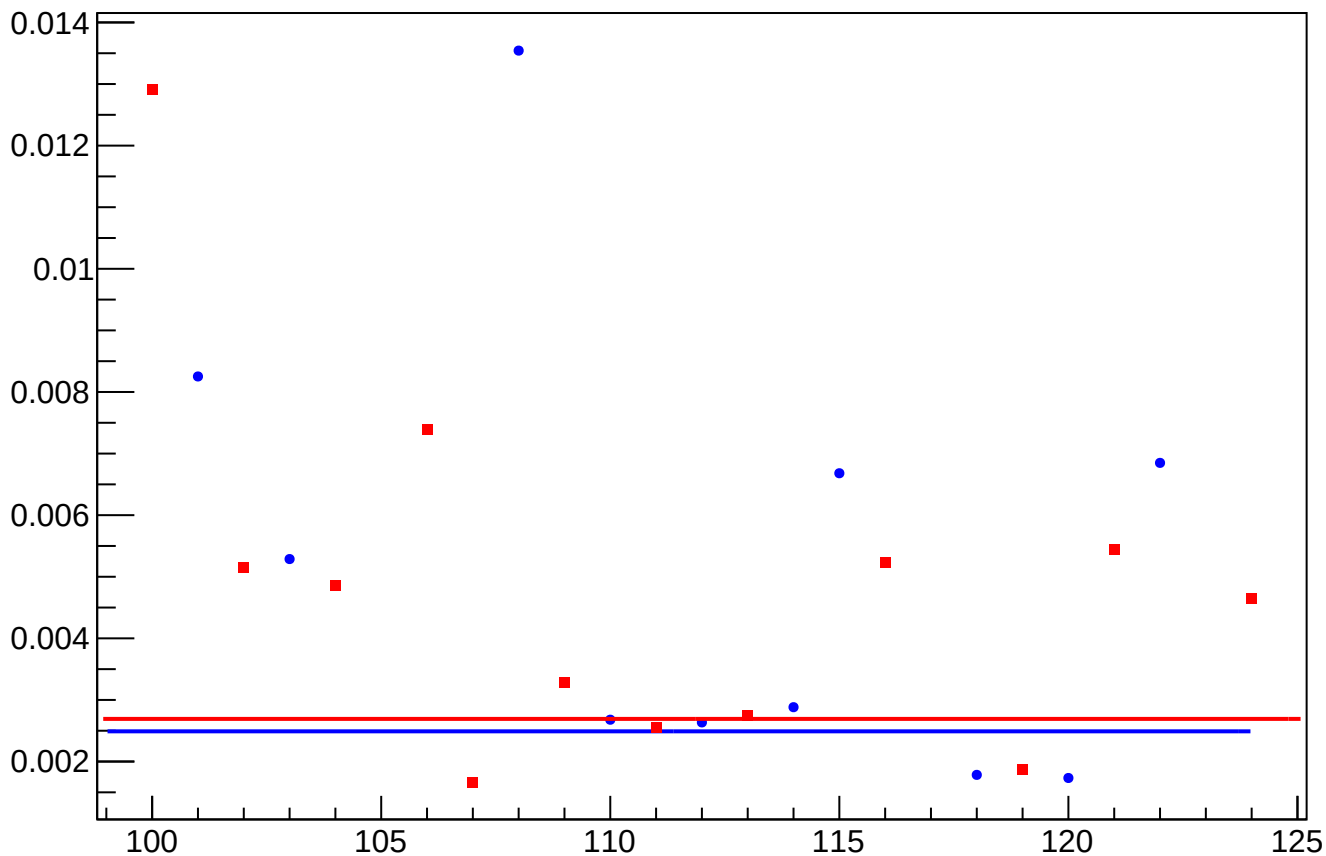
Right: -0.000+/-0.000 χ^2/NDF : 20.7/21

In: -0.000+/-0.000 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.7/21

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 : 2176584.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1683553.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

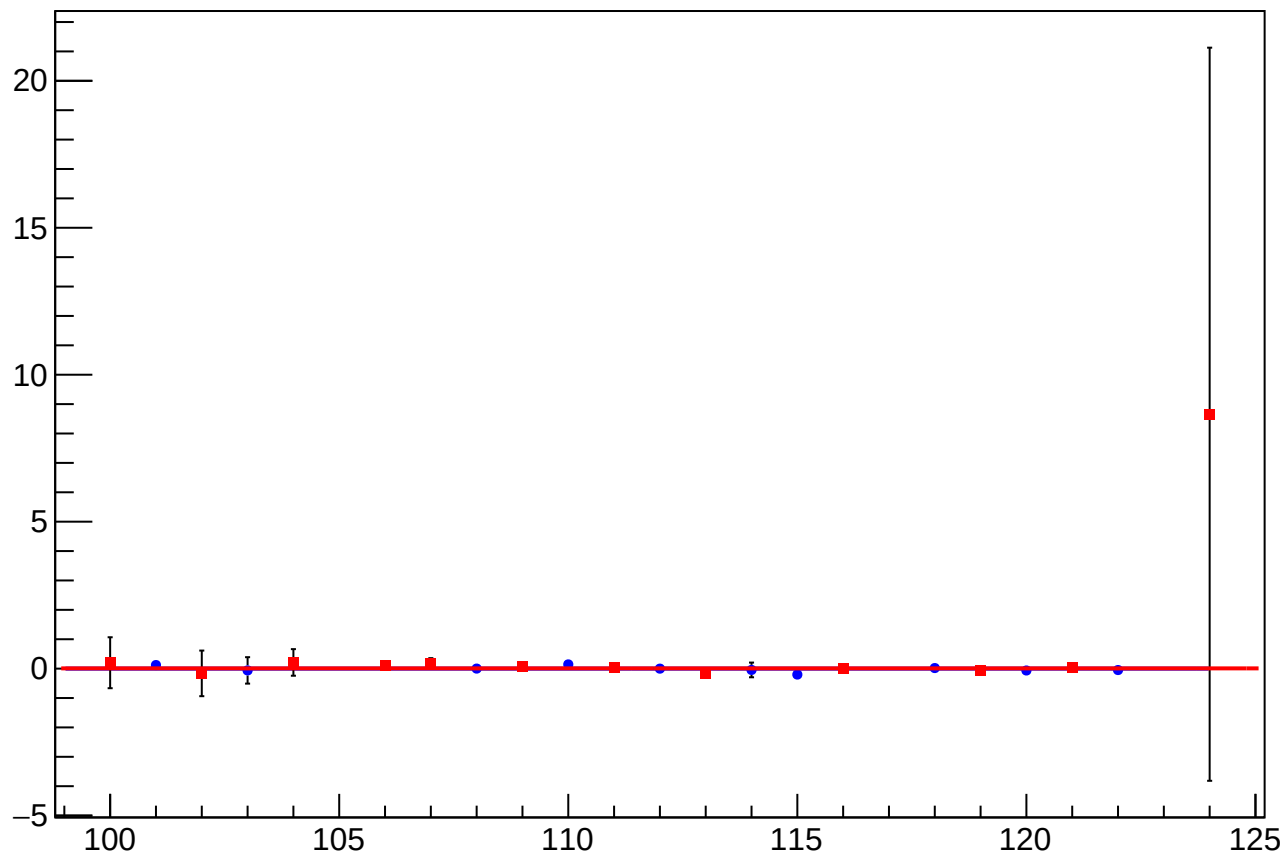
Right: 0.003+/-0.000 χ^2/NDF : 3879933.4/21

In: 0.002+/-0.000 χ^2/NDF :2176584.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3879933.4/21

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 +/- 0.024 χ^2 /NDF: 10.6/9

Left Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 +/- 0.024 χ^2 /NDF: 9.6/11

Left In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

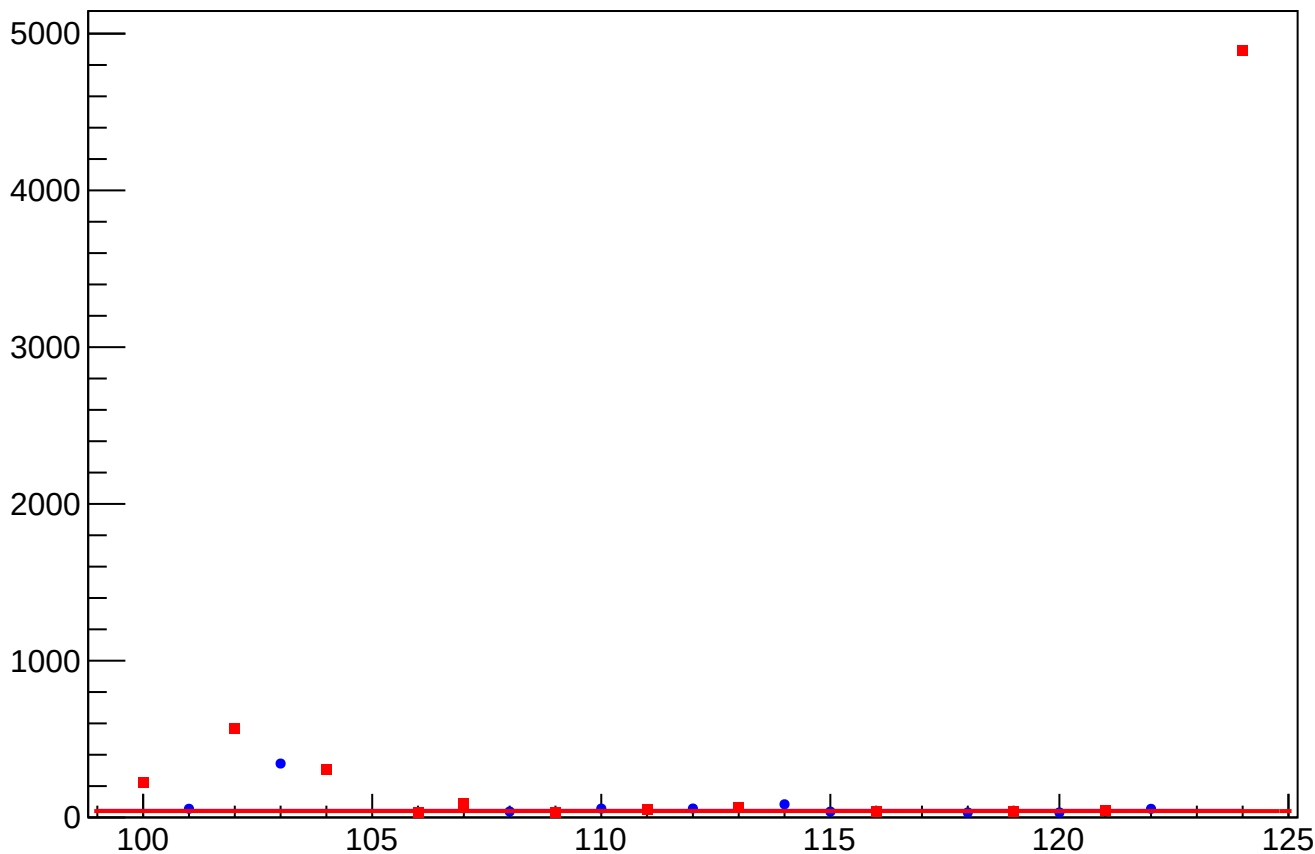
Right: 0.004 +/- 0.017 χ^2 /NDF: 20.2/21

In: -0.000 +/- 0.024 χ^2 /NDF: 10.6/9

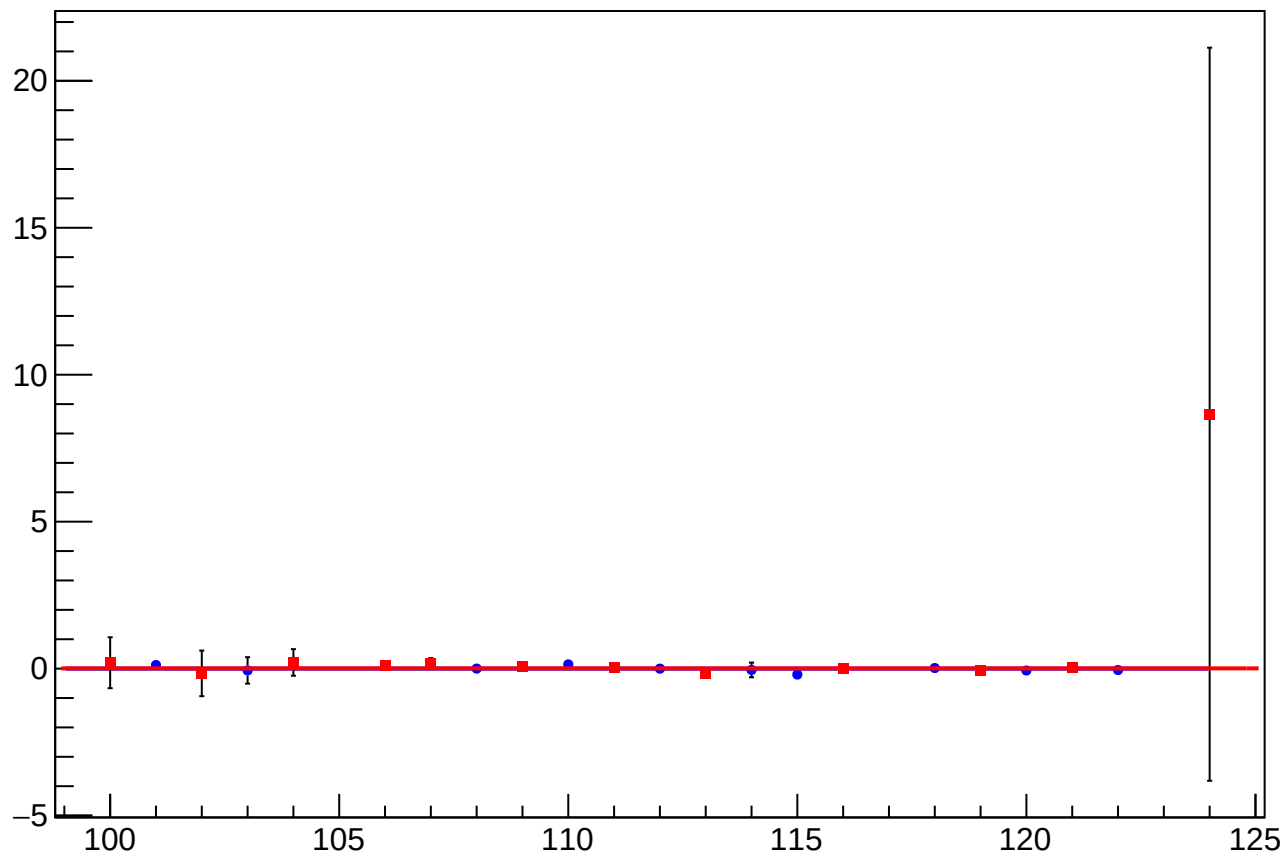
Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

All: 0.004 +/- 0.017 χ^2 /NDF: 20.2/21

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.024 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

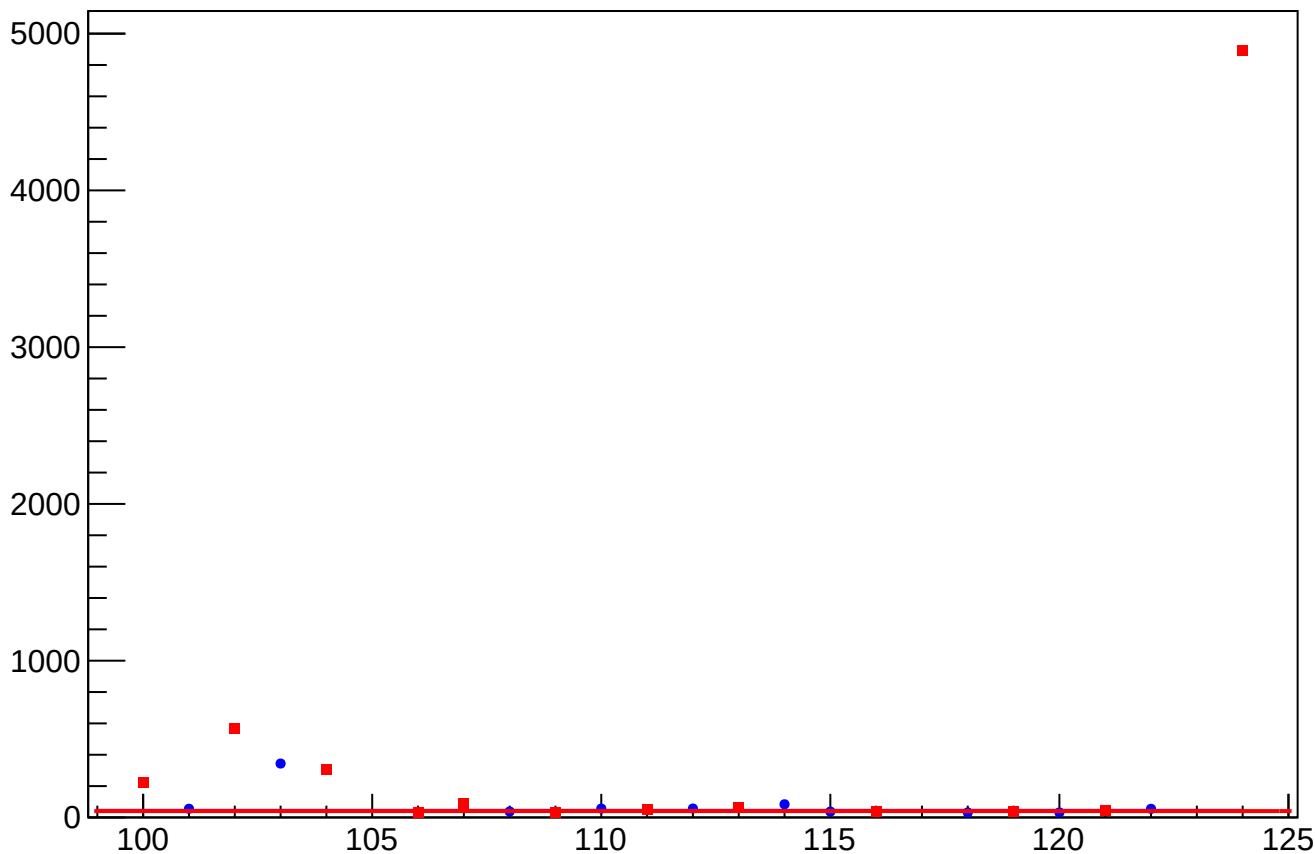
Right: 0.004+/-0.017 χ^2/NDF : 20.2/21

In: -0.000+/-0.024 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.017 χ^2/NDF : 20.2/21

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.274 $\pm$ 0.017 χ^2/NDF : 1342971.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 40.710 $\pm$ 0.017 χ^2/NDF : 2388363.5/11

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

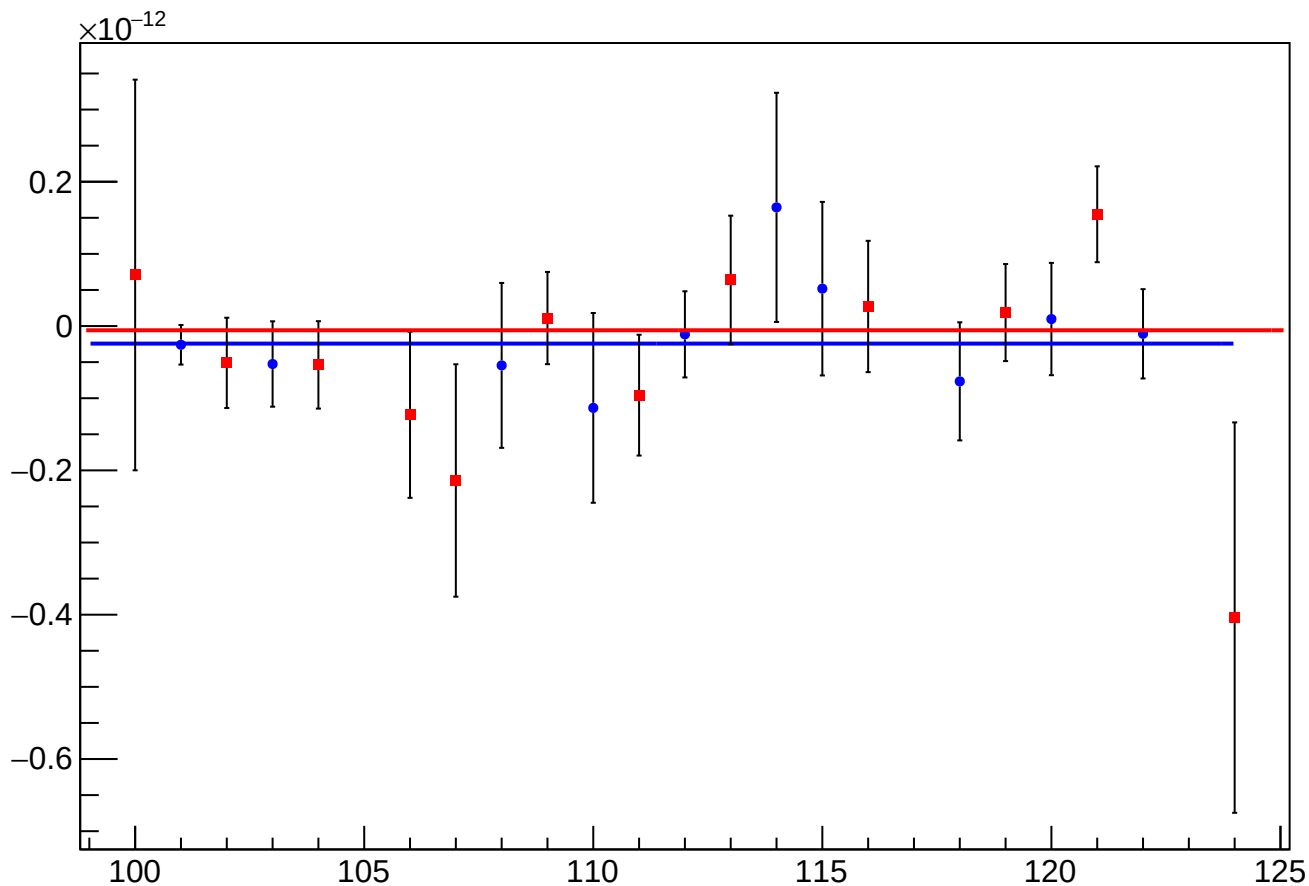
Right: 41.498 $\pm$ 0.012 χ^2/NDF : 3735490.1/21

In: 42.274 $\pm$ 0.017 χ^2/NDF : 1342971.8/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 41.498 $\pm$ 0.012 χ^2/NDF : 3735490.1/21

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 : 3.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

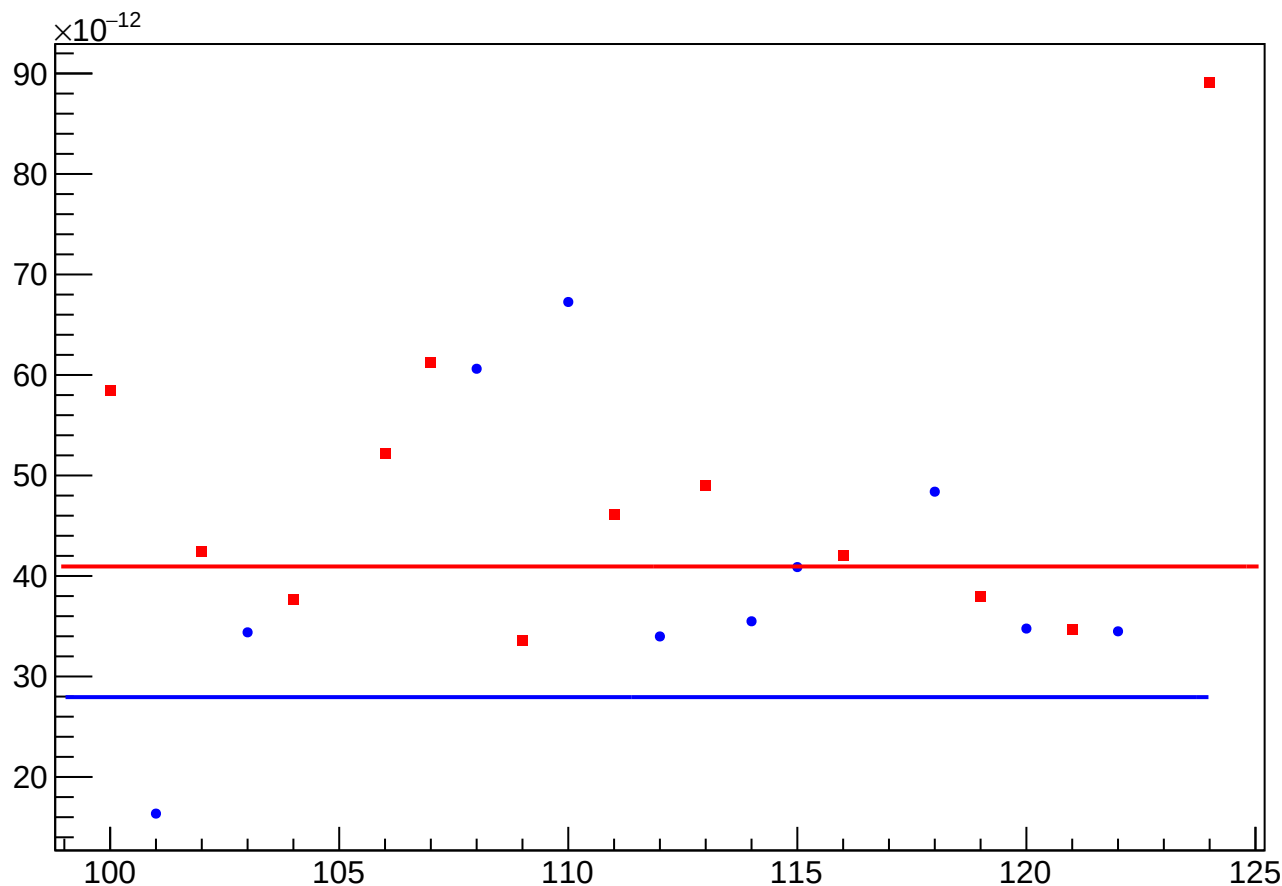
Right: -0.000+/-0.000 χ^2/NDF : 17.7/21

In: -0.000+/-0.000 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.7/21

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 : 933535.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 202261.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

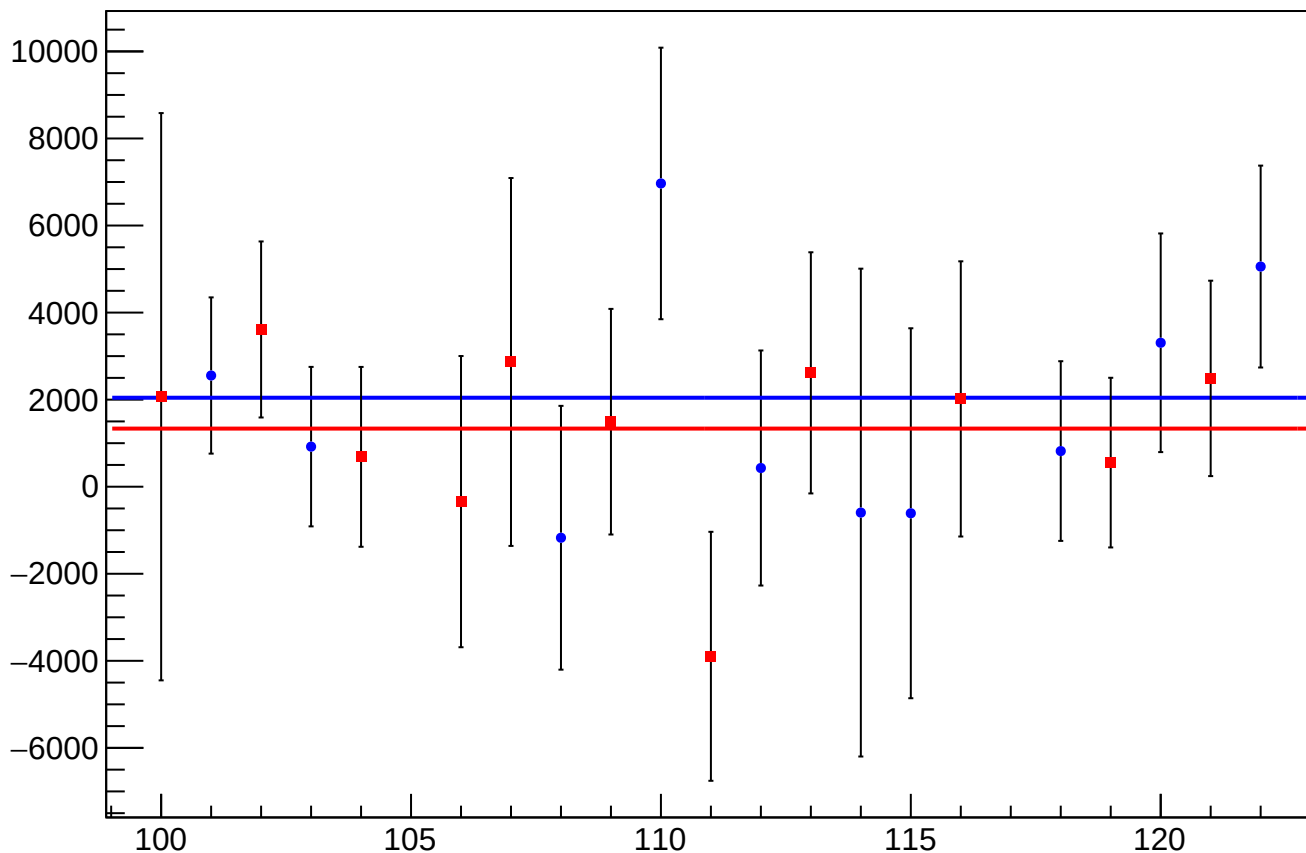
Right: 0.000+/-0.000 χ^2/NDF : 1495534.1/21

In: 0.000+/-0.000 χ^2/NDF : 933535.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1495534.1/21

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2043.985+/-784.746 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.095+/-787.832 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

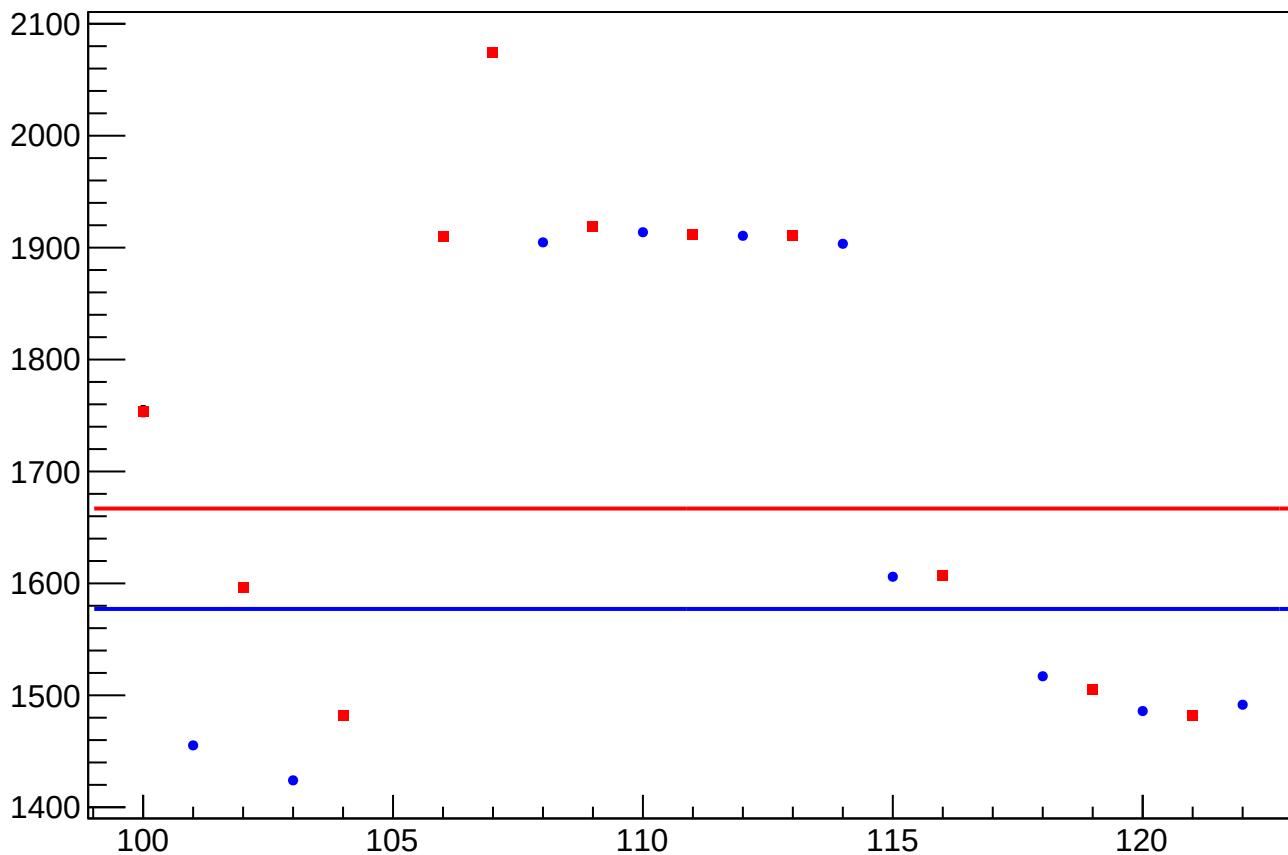
Right: 1690.931+/-555.987 χ^2/NDF : 13.5/20

In: 2043.985+/-784.746 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.931+/-555.987 χ^2/NDF : 13.5/20

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1577.178+/-0.555 χ^2/NDF : 114293.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1666.884+/-0.557 χ^2/NDF : 125201.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

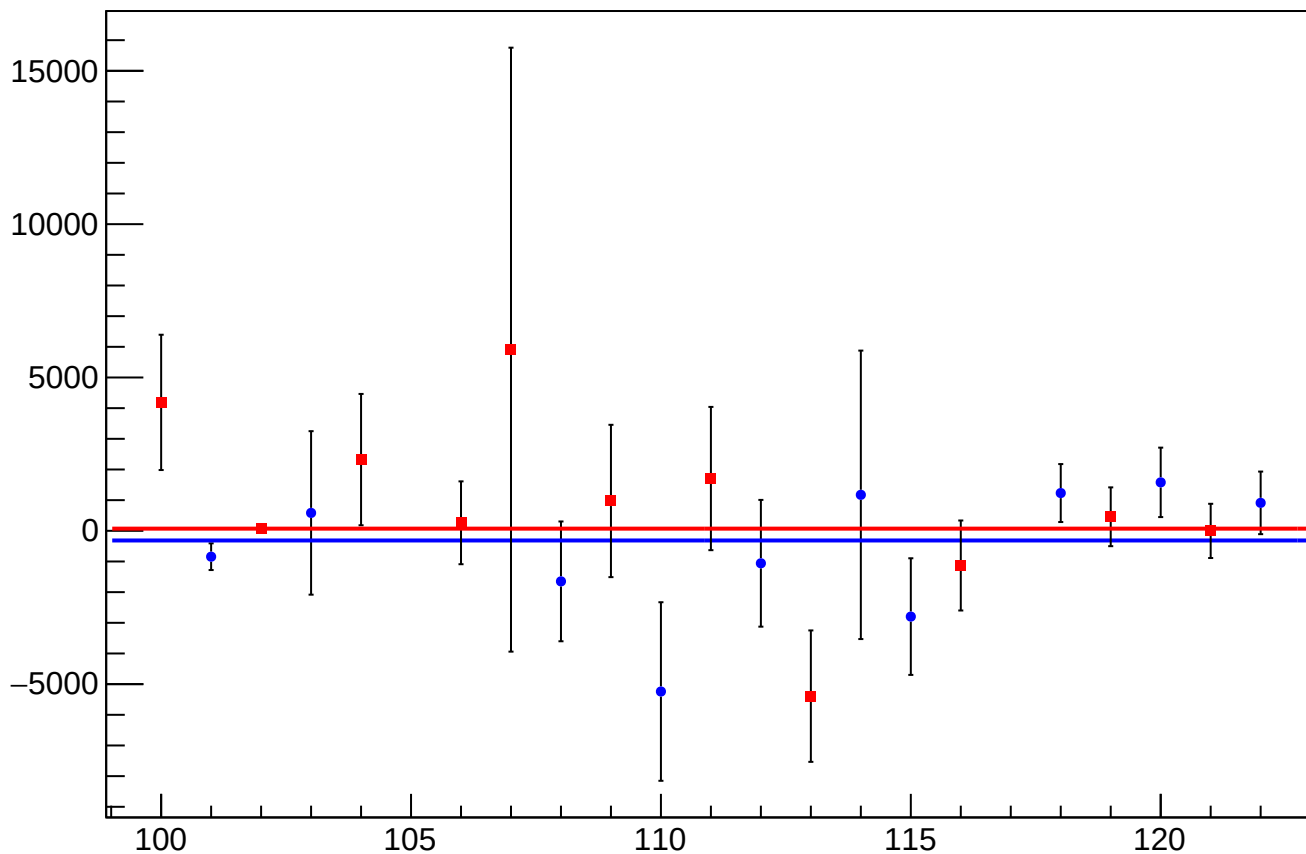
Right: 1621.855+/-0.393 χ^2/NDF : 252510.6/20

In: 1577.178+/-0.555 χ^2/NDF : 114293.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.855+/-0.393 χ^2/NDF : 252510.6/20

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -314.831+/-329.485 χ^2/NDF : 13.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.086+/-132.352 χ^2/NDF : 12.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

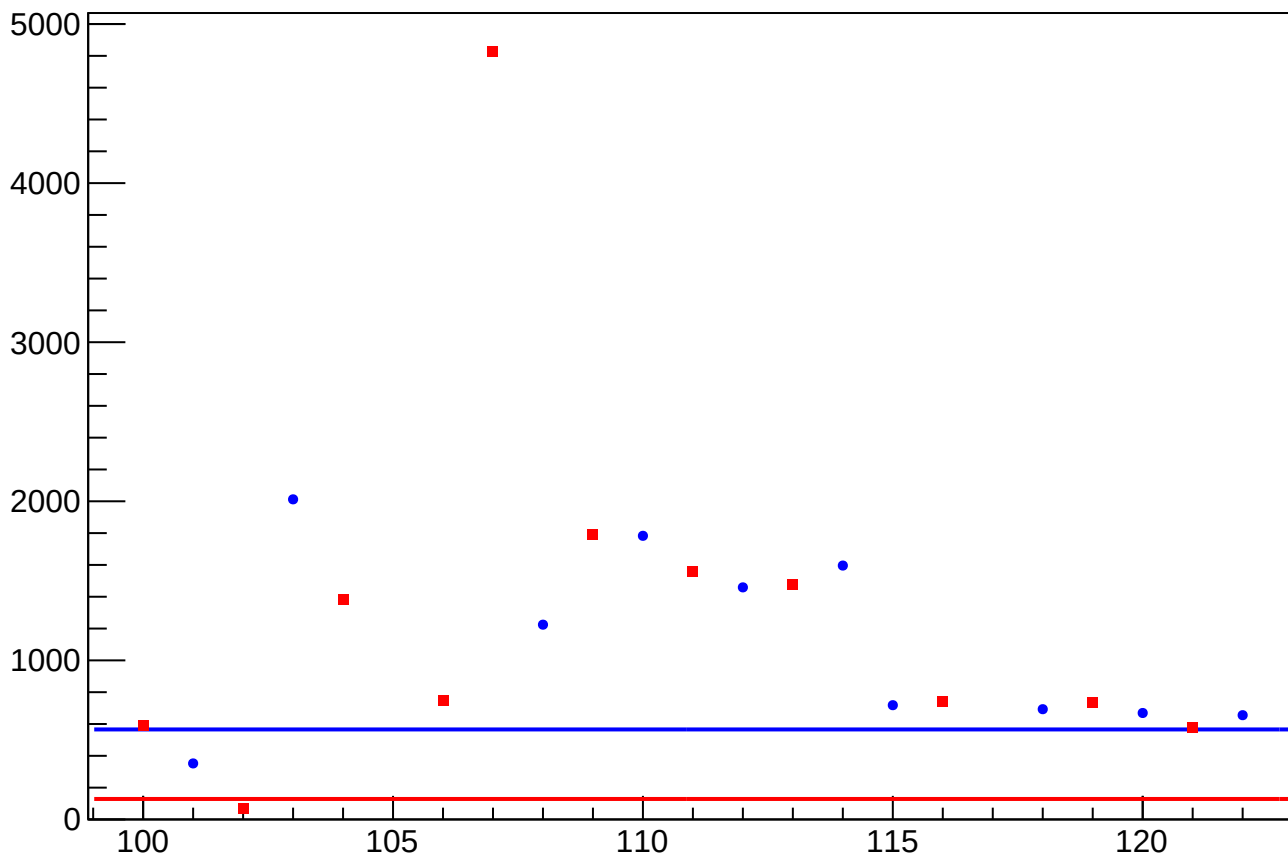
Right: 17.467+/-122.814 χ^2/NDF : 27.9/20

In: -314.831+/-329.485 χ^2/NDF : 13.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.467+/-122.814 χ^2/NDF : 27.9/20

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 565.830+/-0.233 χ^2/NDF : 2197673.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.791+/-0.094 χ^2/NDF : 6123983.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

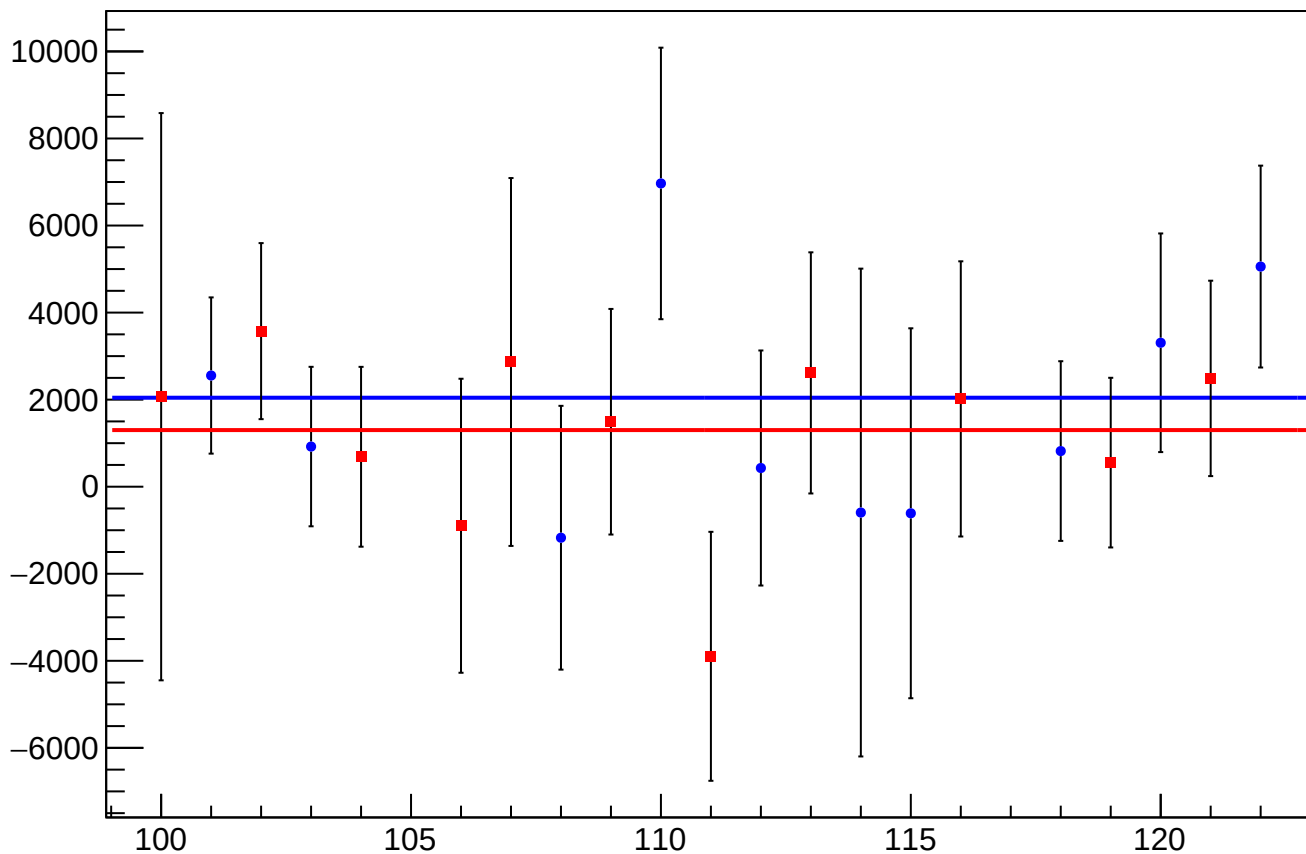
Right: 189.512+/-0.087 χ^2/NDF : 11351591.0/20

In: 565.830+/-0.233 χ^2/NDF : 2197673.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.512+/-0.087 χ^2/NDF : 11351591.0/20

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2044.247+/-784.746 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.801+/-788.264 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

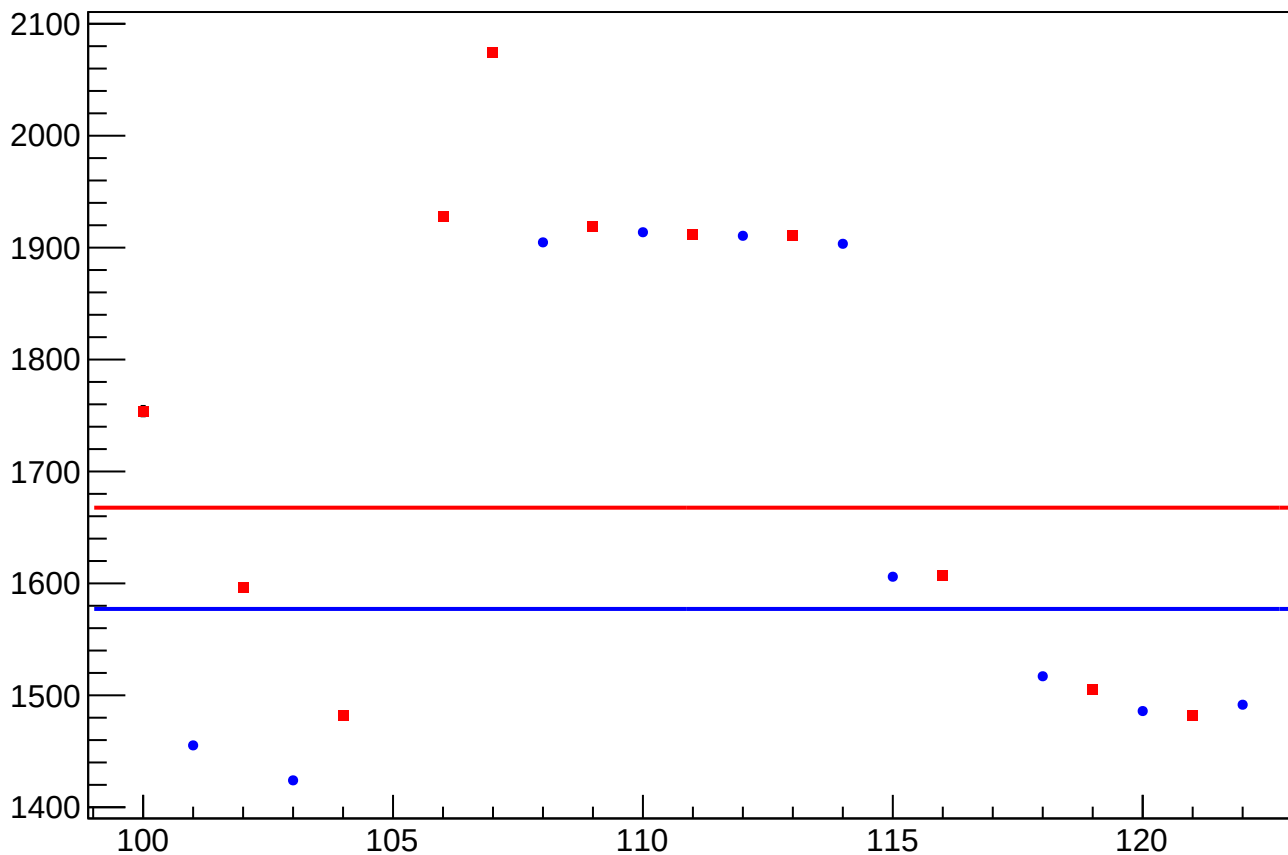
Right: 1674.187+/-556.139 χ^2/NDF : 13.7/20

In: 2044.247+/-784.746 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1674.187+/-556.139 χ^2/NDF : 13.7/20

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1577.178+/-0.555 χ^2/NDF : 114293.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1667.659+/-0.557 χ^2/NDF : 126604.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

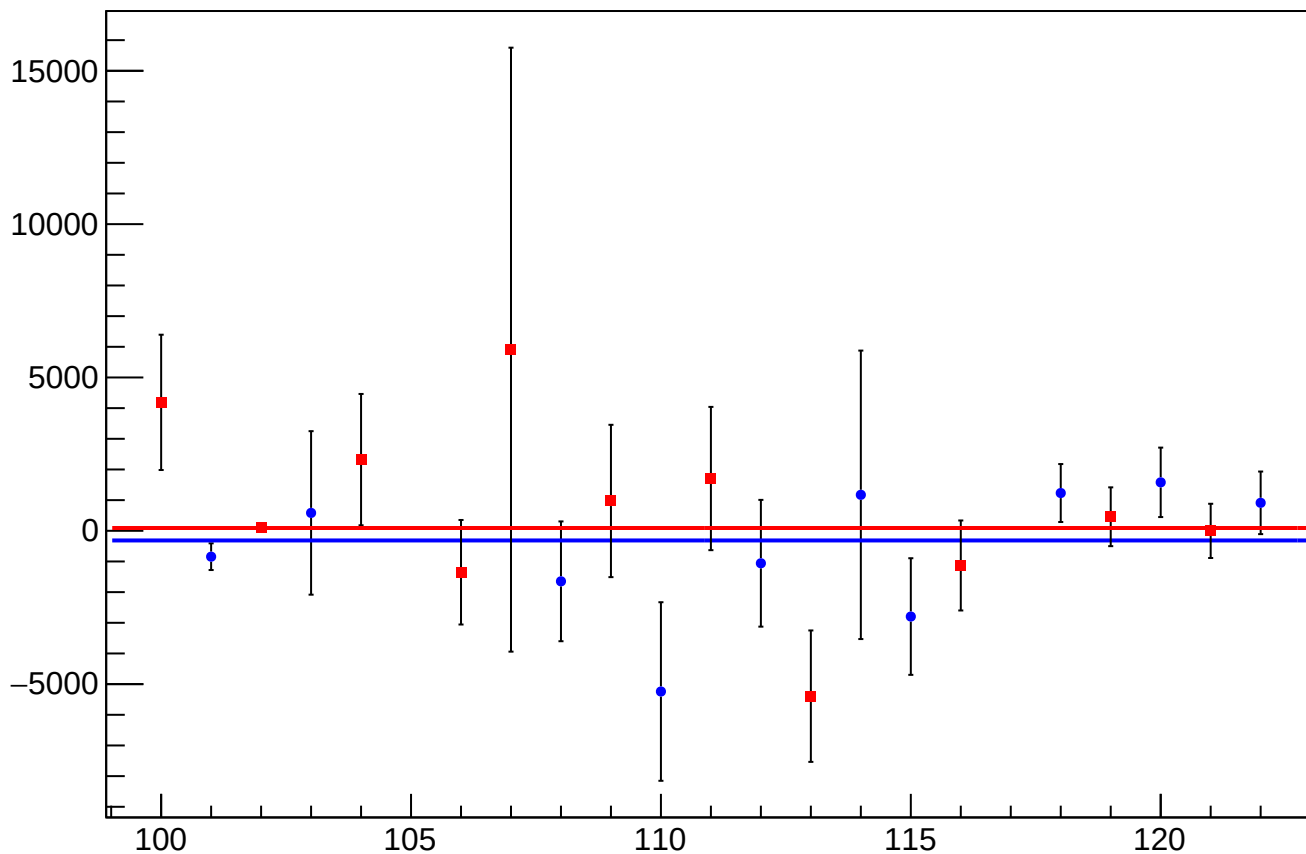
Right: 1622.216+/-0.393 χ^2/NDF : 254132.7/20

In: 1577.178+/-0.555 χ^2/NDF : 114293.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1622.216+/-0.393 χ^2/NDF : 254132.7/20

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -314.769+/-329.484 χ^2/NDF : 13.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.399+/-144.081 χ^2/NDF : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

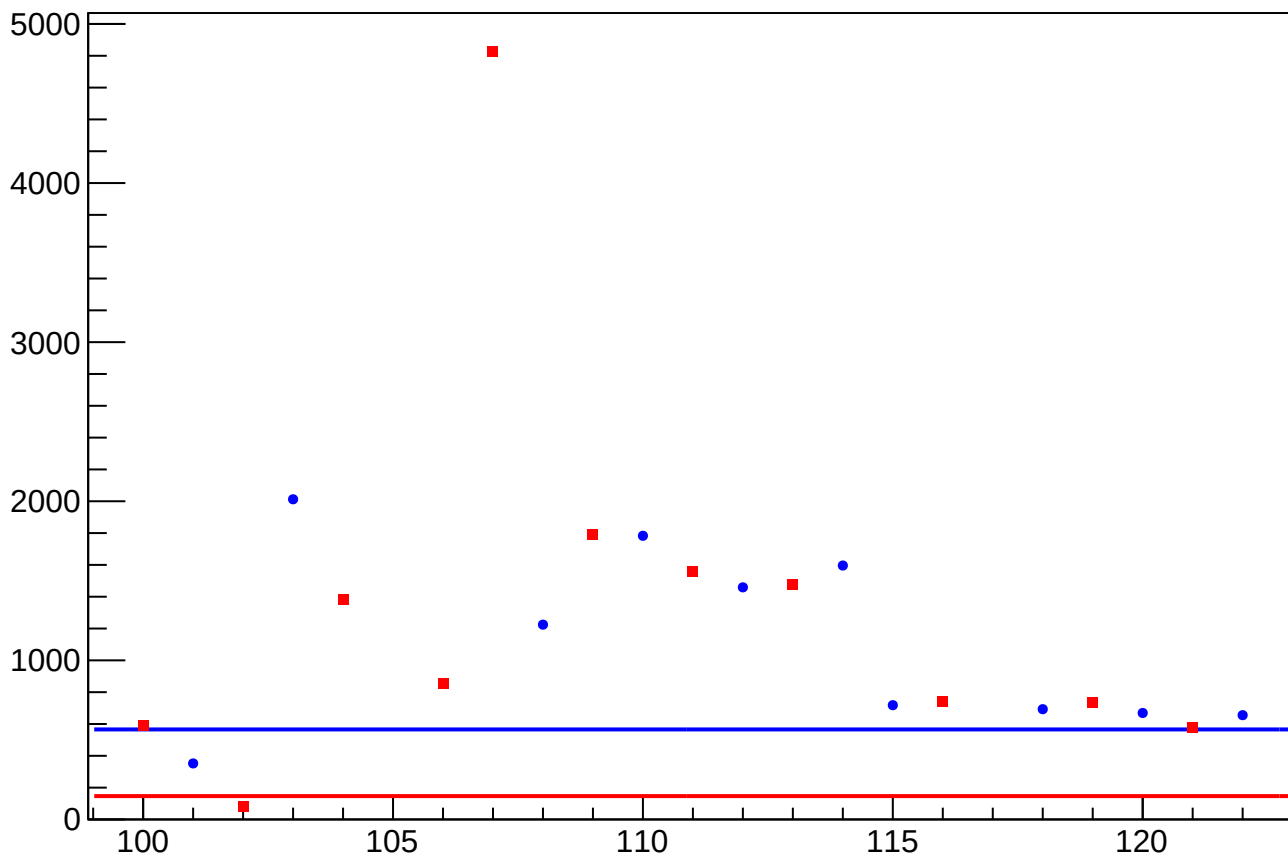
Right: 26.198+/-132.011 χ^2/NDF : 28.7/20

In: -314.769+/-329.484 χ^2/NDF : 13.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.198+/-132.011 χ^2/NDF : 28.7/20

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 565.826+/-0.233 χ^2/NDF : 2197689.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.851+/-0.102 χ^2/NDF : 5877112.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

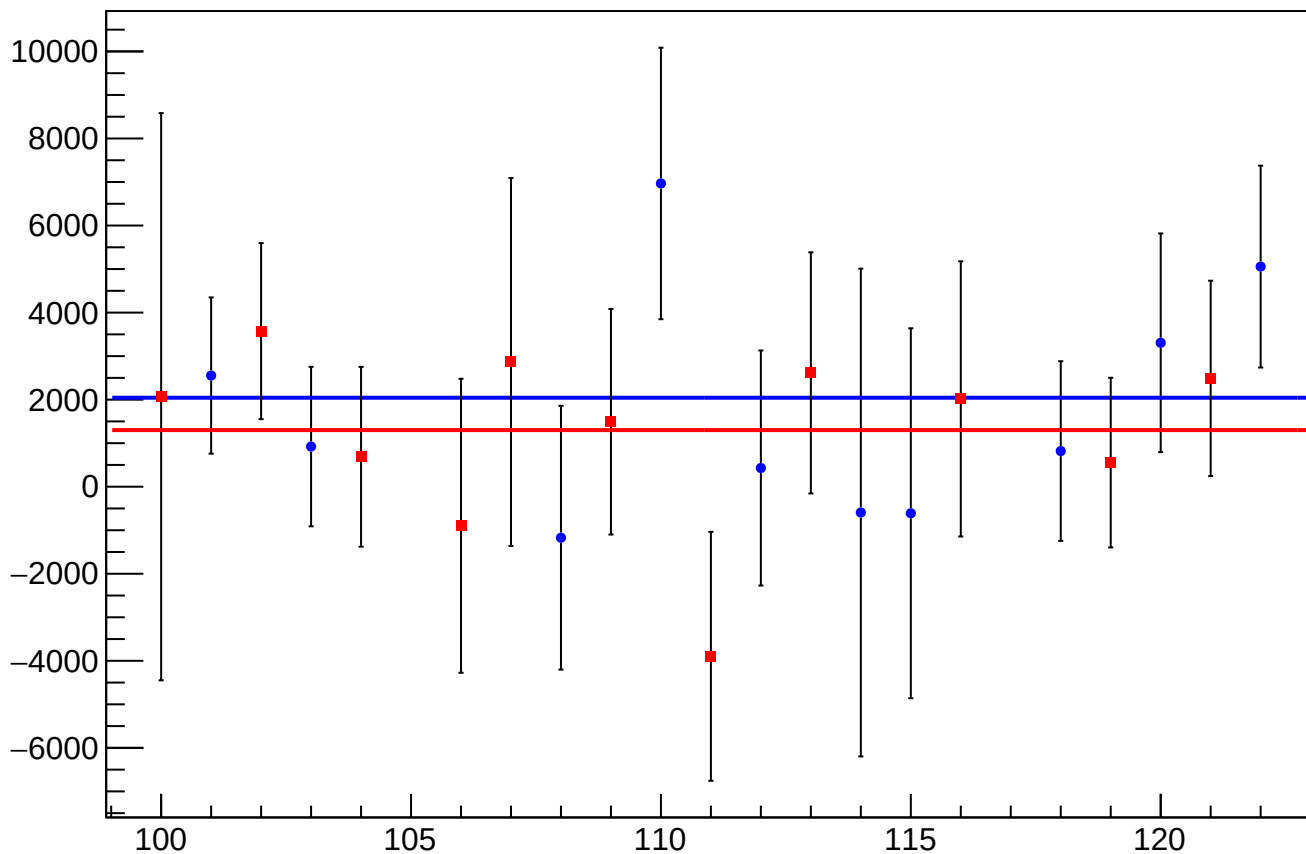
Right: 214.108+/-0.093 χ^2/NDF : 10789644.1/20

In: 565.826+/-0.233 χ^2/NDF : 2197689.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.108+/-0.093 χ^2/NDF : 10789644.1/20

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2044.247+/-784.746 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.801+/-788.264 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

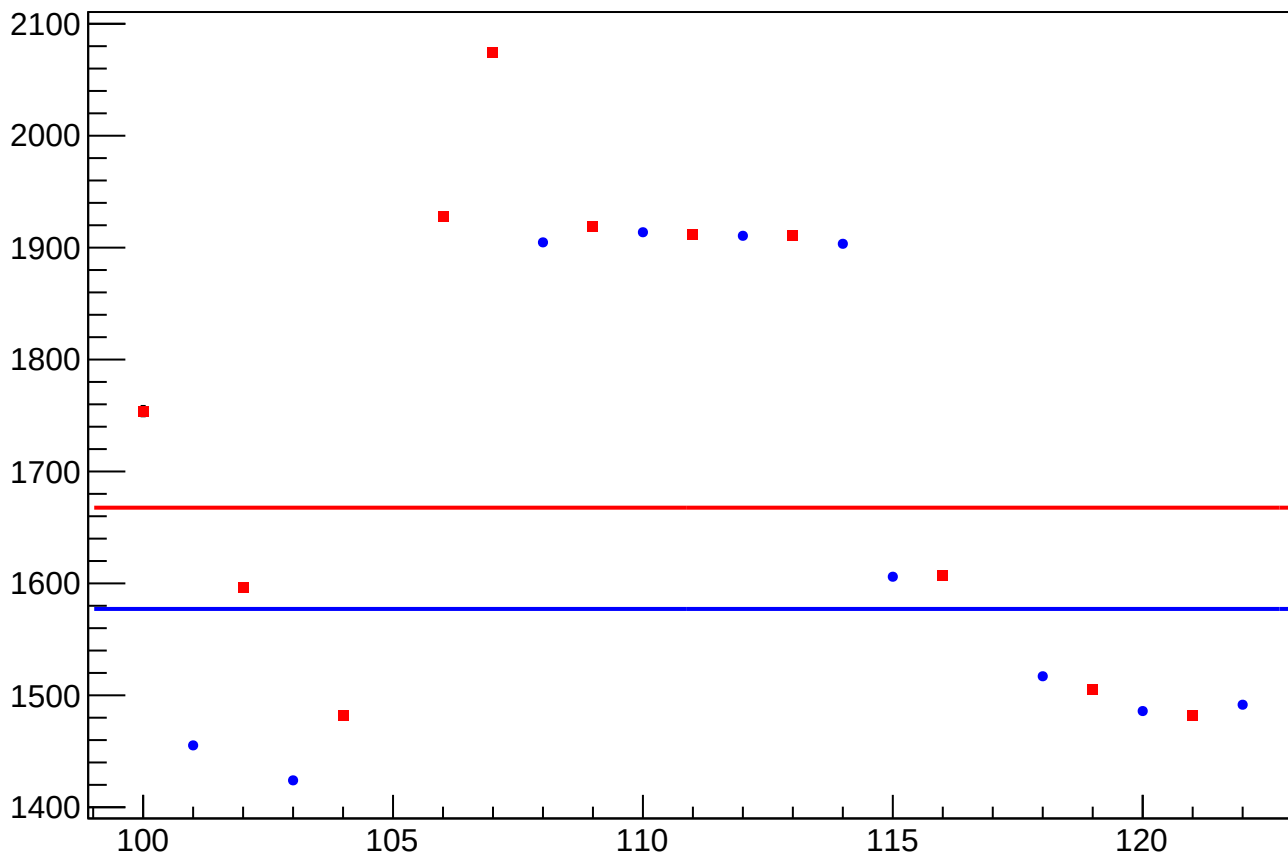
Right: 1674.187+/-556.139 χ^2/NDF : 13.7/20

In: 2044.247+/-784.746 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1674.187+/-556.139 χ^2/NDF : 13.7/20

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1577.178+/-0.555 χ^2/NDF : 114293.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1667.659+/-0.557 χ^2/NDF : 126604.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

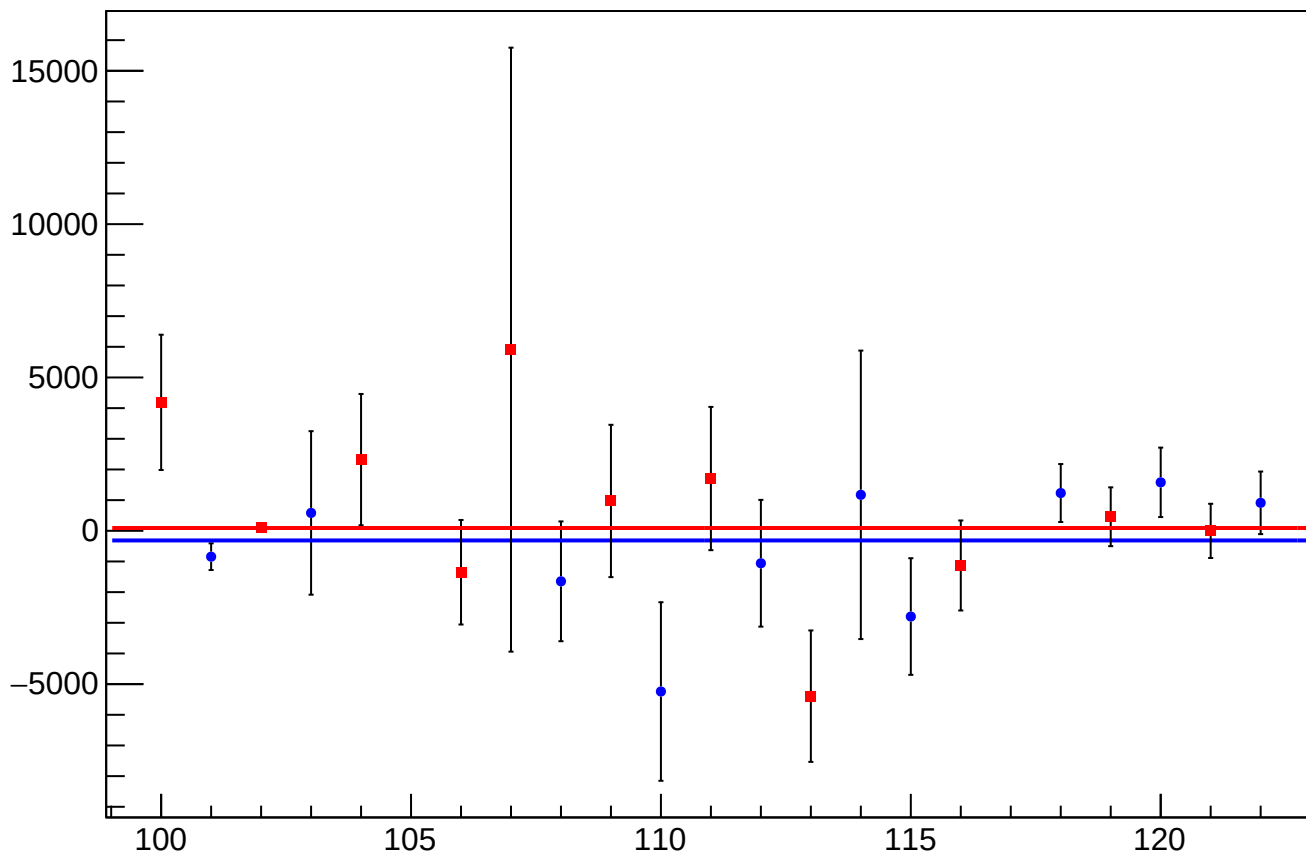
Right: 1622.216+/-0.393 χ^2/NDF : 254132.7/20

In: 1577.178+/-0.555 χ^2/NDF : 114293.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1622.216+/-0.393 χ^2/NDF : 254132.7/20

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -314.769+/-329.484 χ^2/NDF : 13.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.399+/-144.081 χ^2/NDF : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

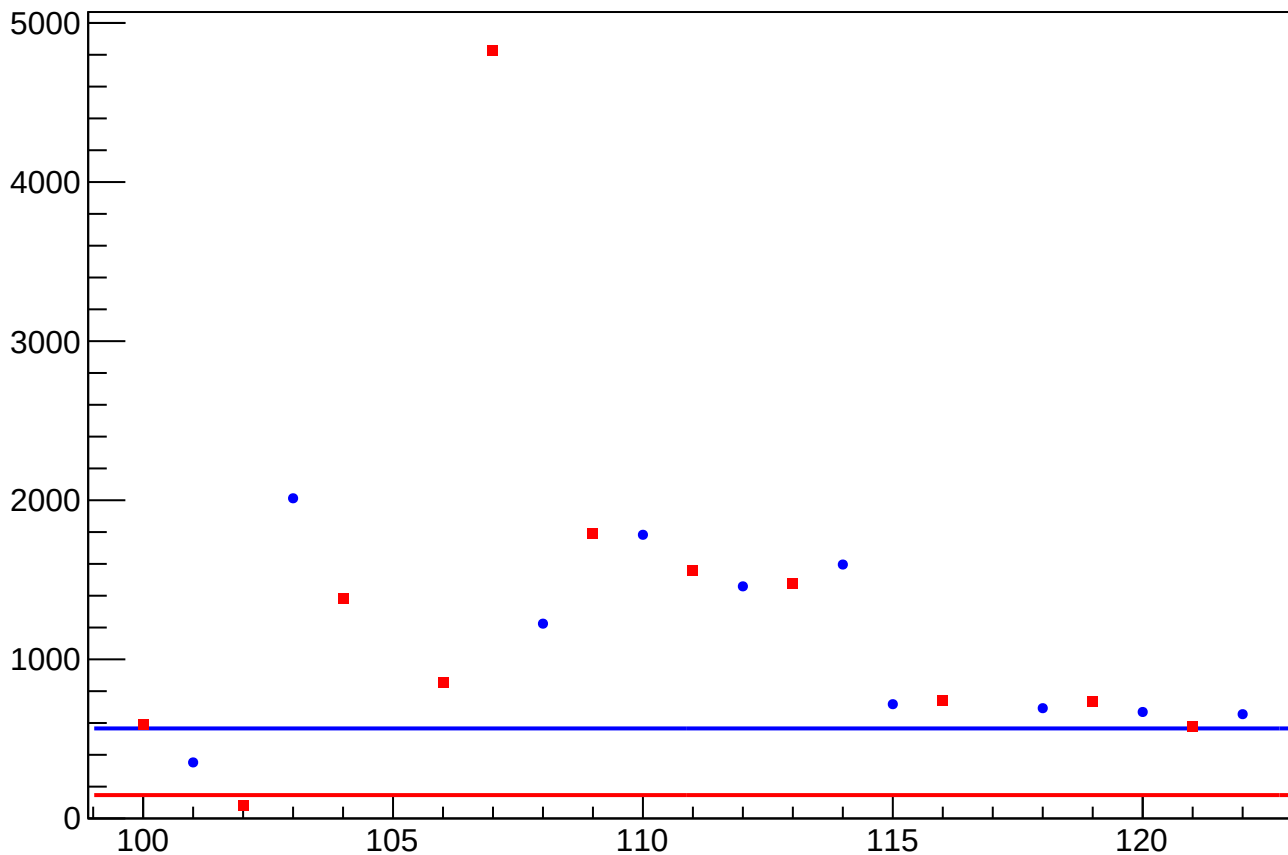
Right: 26.198+/-132.011 χ^2/NDF : 28.7/20

In: -314.769+/-329.484 χ^2/NDF : 13.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.198+/-132.011 χ^2/NDF : 28.7/20

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 565.826+/-0.233 χ^2/NDF : 2197689.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 146.851+/-0.102 χ^2/NDF : 5877112.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

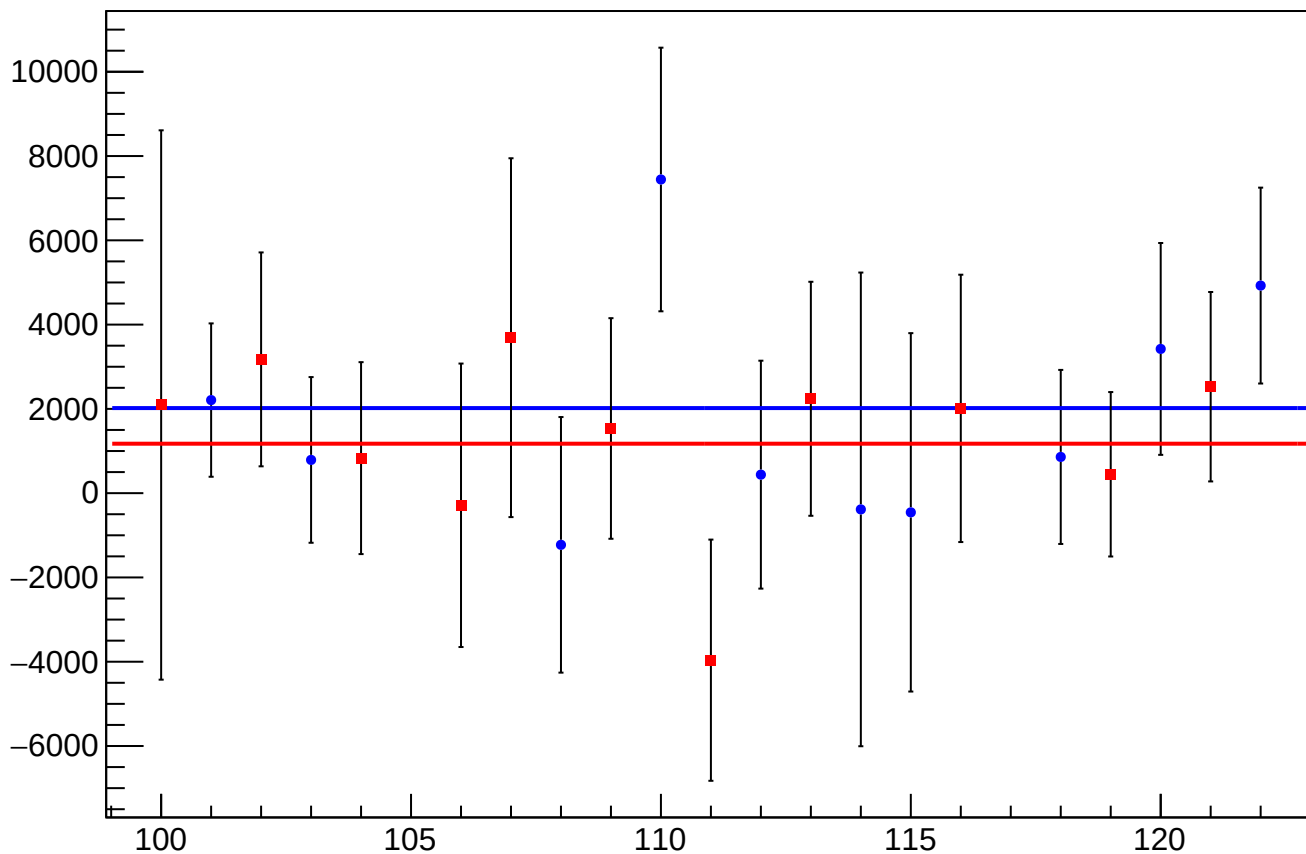
Right: 214.108+/-0.093 χ^2/NDF : 10789644.1/20

In: 565.826+/-0.233 χ^2/NDF :2197689.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 214.108+/-0.093 χ^2/NDF : 10789644.1/20

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2019.093+/-797.264 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.722+/-823.951 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

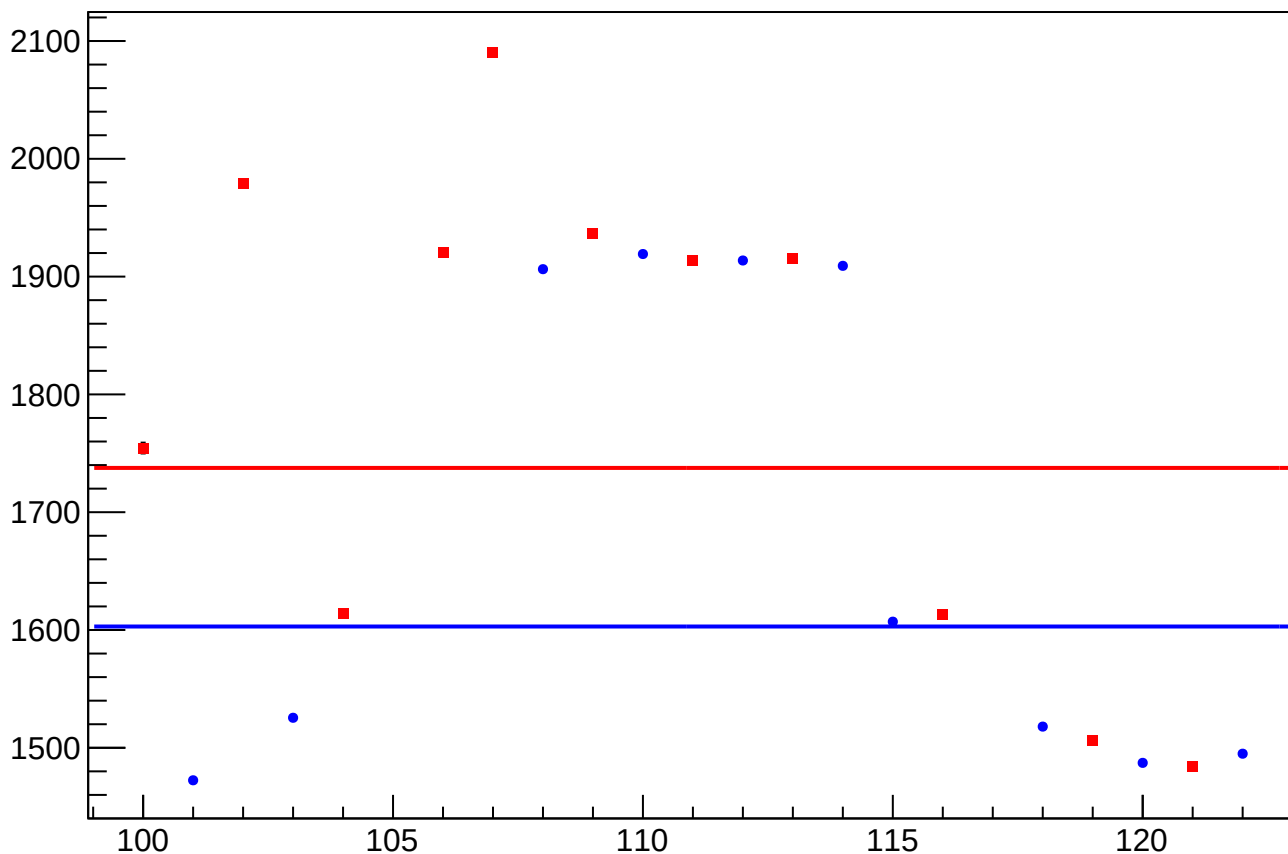
Right: 1610.319+/-572.953 χ^2/NDF : 13.3/20

In: 2019.093+/-797.264 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1610.319+/-572.953 χ^2/NDF : 13.3/20

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1602.963+/-0.564 χ^2/NDF : 98130.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1737.590+/-0.583 χ^2/NDF : 127666.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

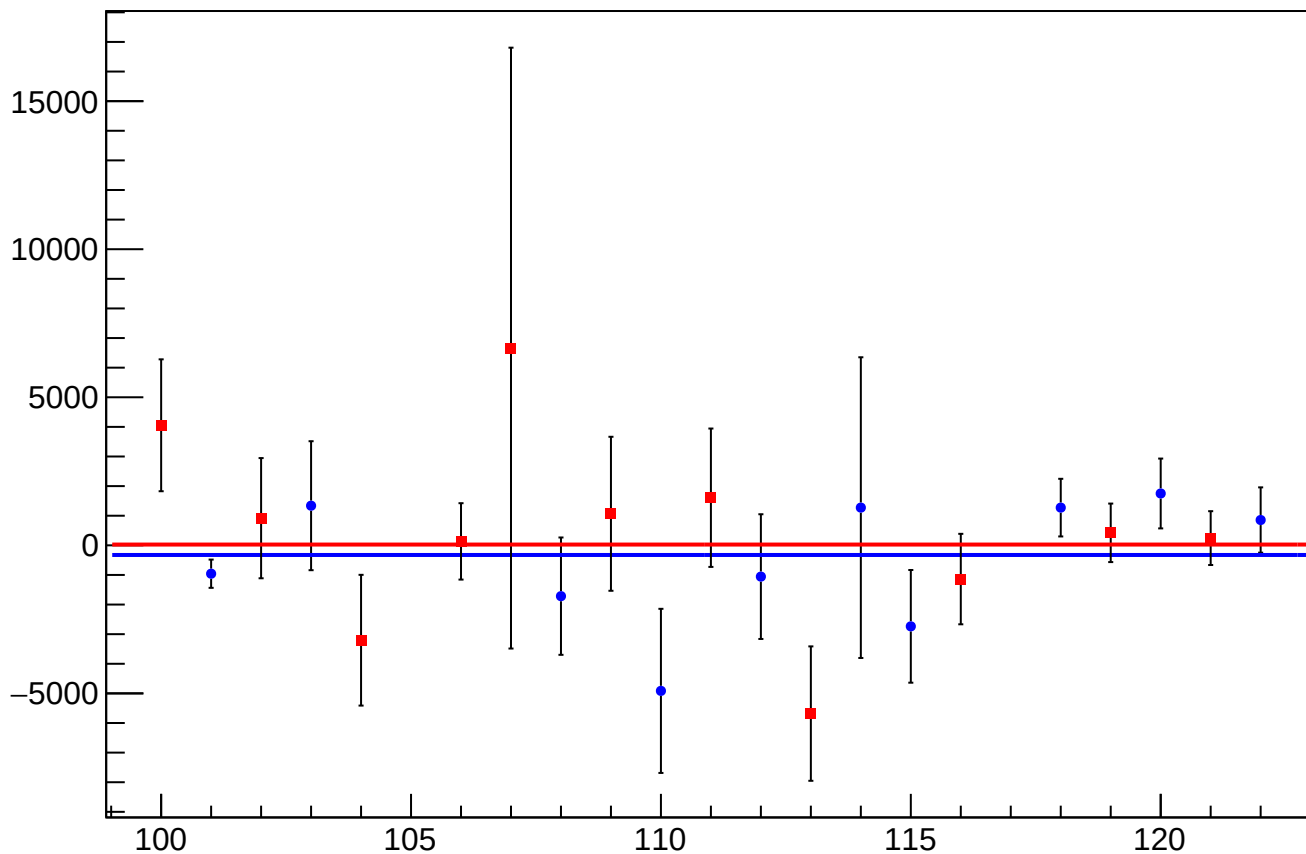
Right: 1668.061+/-0.405 χ^2/NDF : 253373.0/20

In: 1602.963+/-0.564 χ^2/NDF : 98130.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1668.061+/-0.405 χ^2/NDF : 253373.0/20

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -325.589+/-350.696 χ^2/NDF : 14.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.196+/-474.091 χ^2/NDF : 13.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

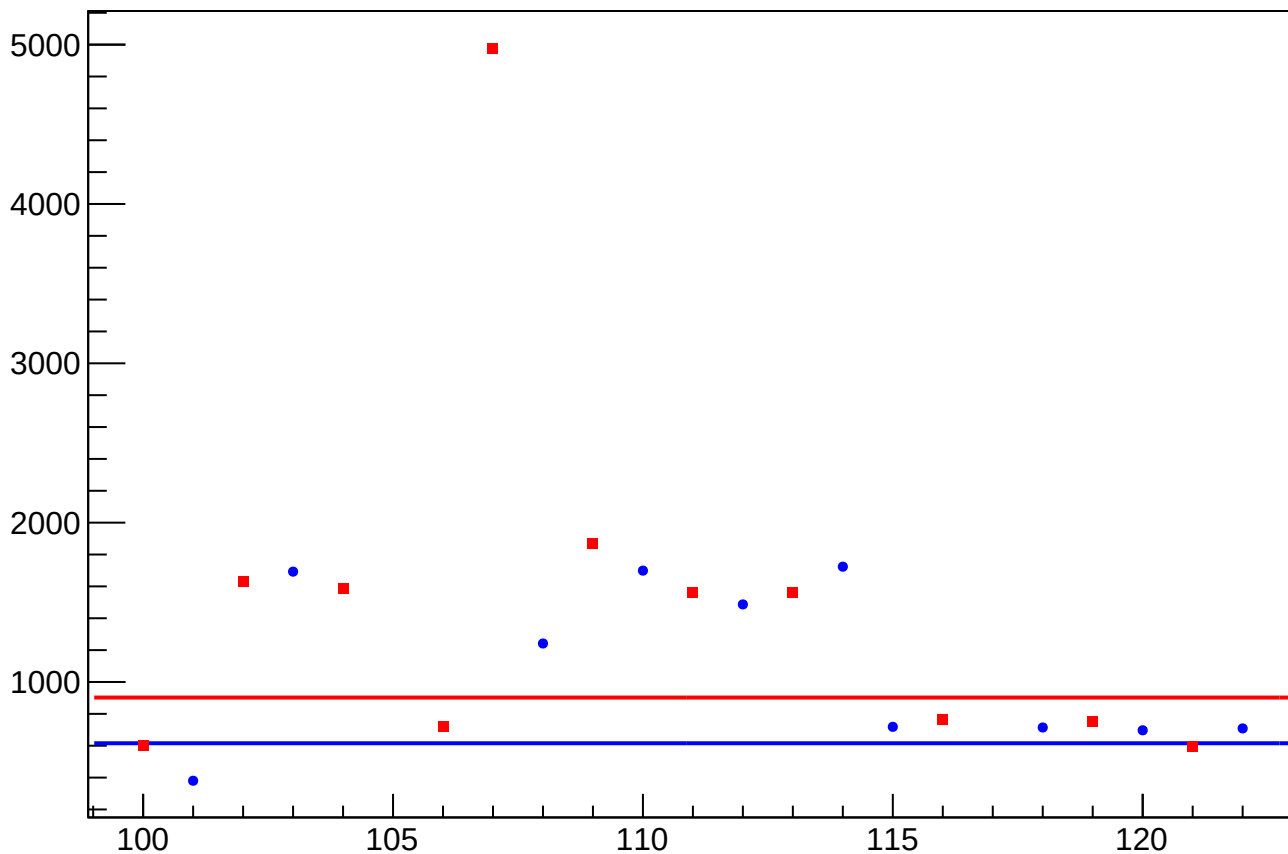
Right: -201.174+/-281.942 χ^2/NDF : 28.5/20

In: -325.589+/-350.696 χ^2/NDF : 14.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.174+/-281.942 χ^2/NDF : 28.5/20

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 615.567+/-0.248 χ^2/NDF : 1969505.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 902.334+/-0.335 χ^2/NDF : 1737902.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

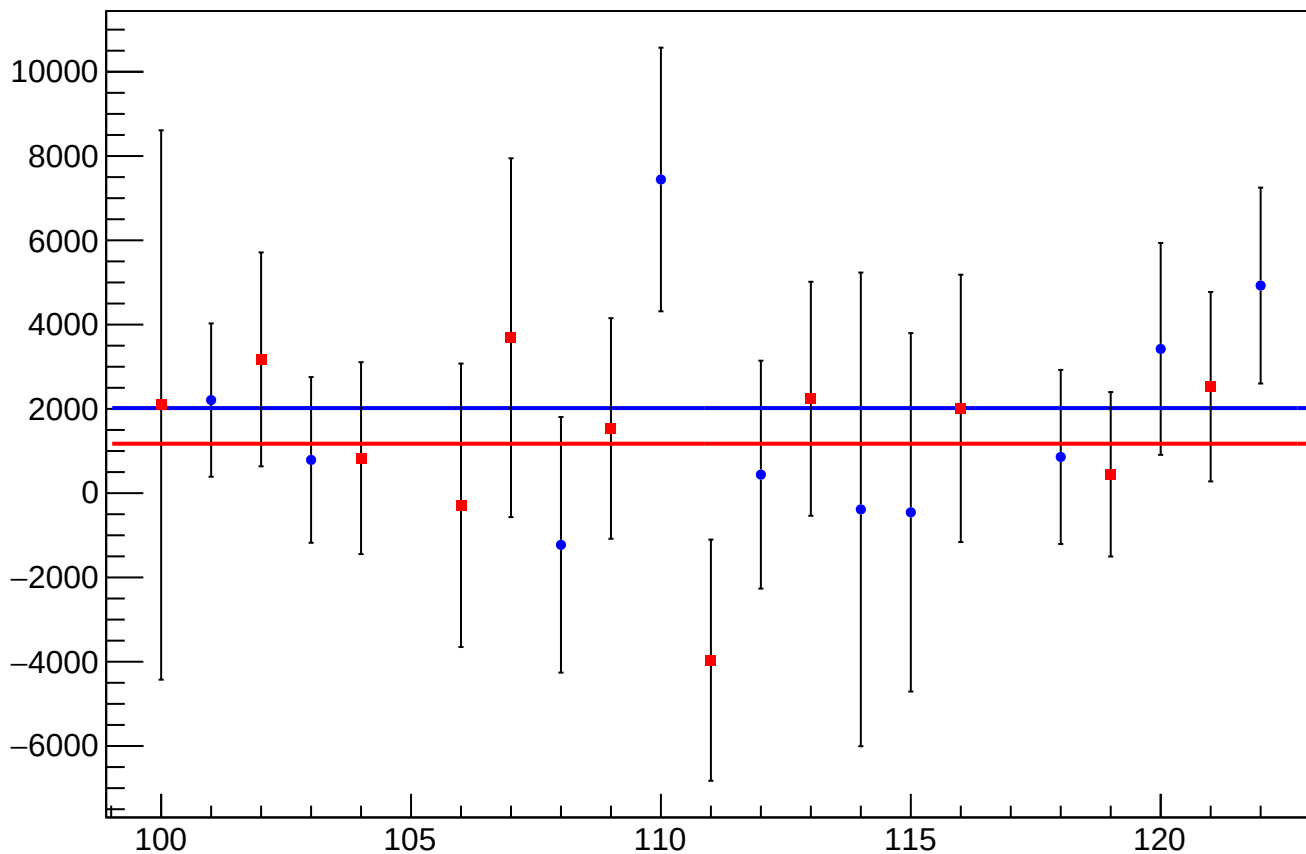
Right: 716.987+/-0.199 χ^2/NDF : 4180364.6/20

In: 615.567+/-0.248 χ^2/NDF :1969505.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 716.987+/-0.199 χ^2/NDF : 4180364.6/20

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2019.089+/-797.263 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.719+/-823.951 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

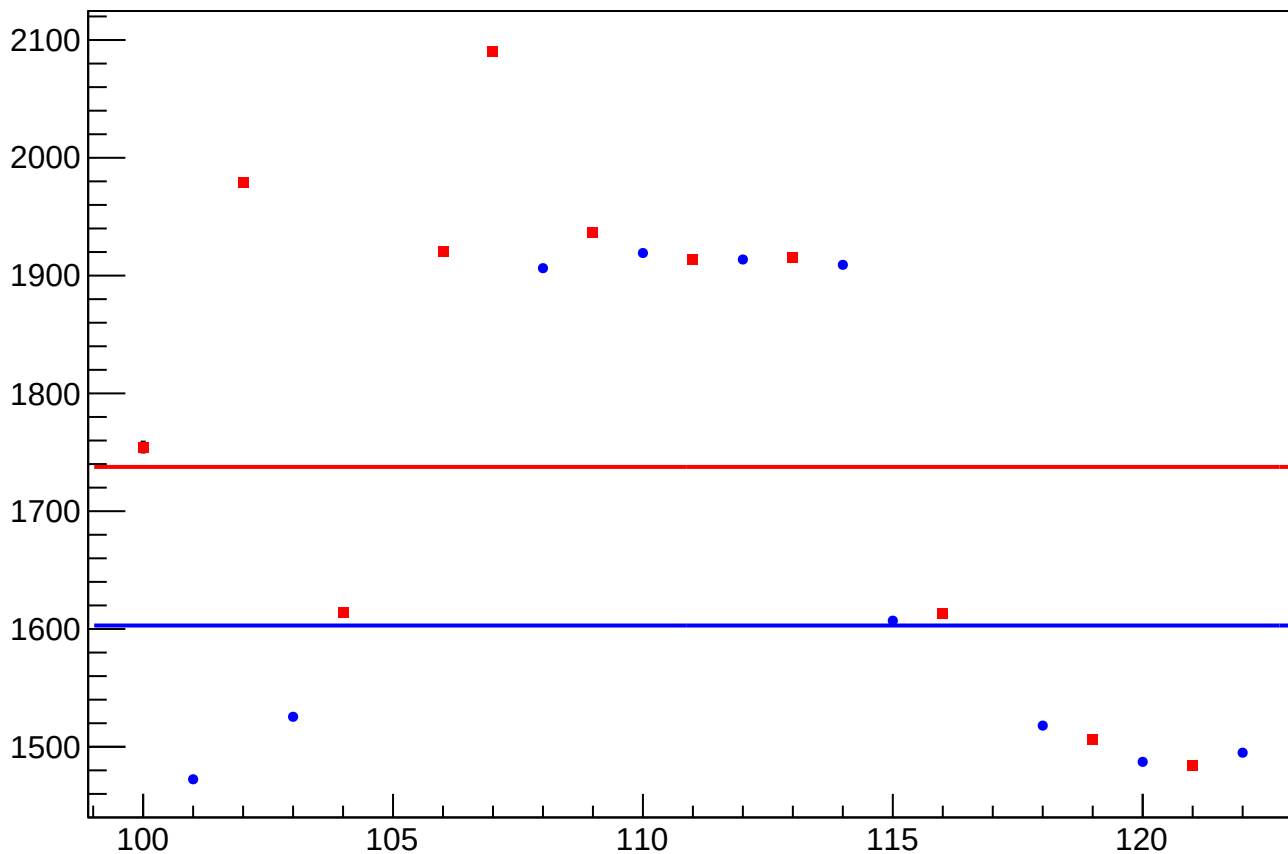
Right: 1610.316+/-572.953 χ^2/NDF : 13.3/20

In: 2019.089+/-797.263 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1610.316+/-572.953 χ^2/NDF : 13.3/20

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1602.962+/-0.564 χ^2/NDF : 98130.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1737.589+/-0.583 χ^2/NDF : 127667.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

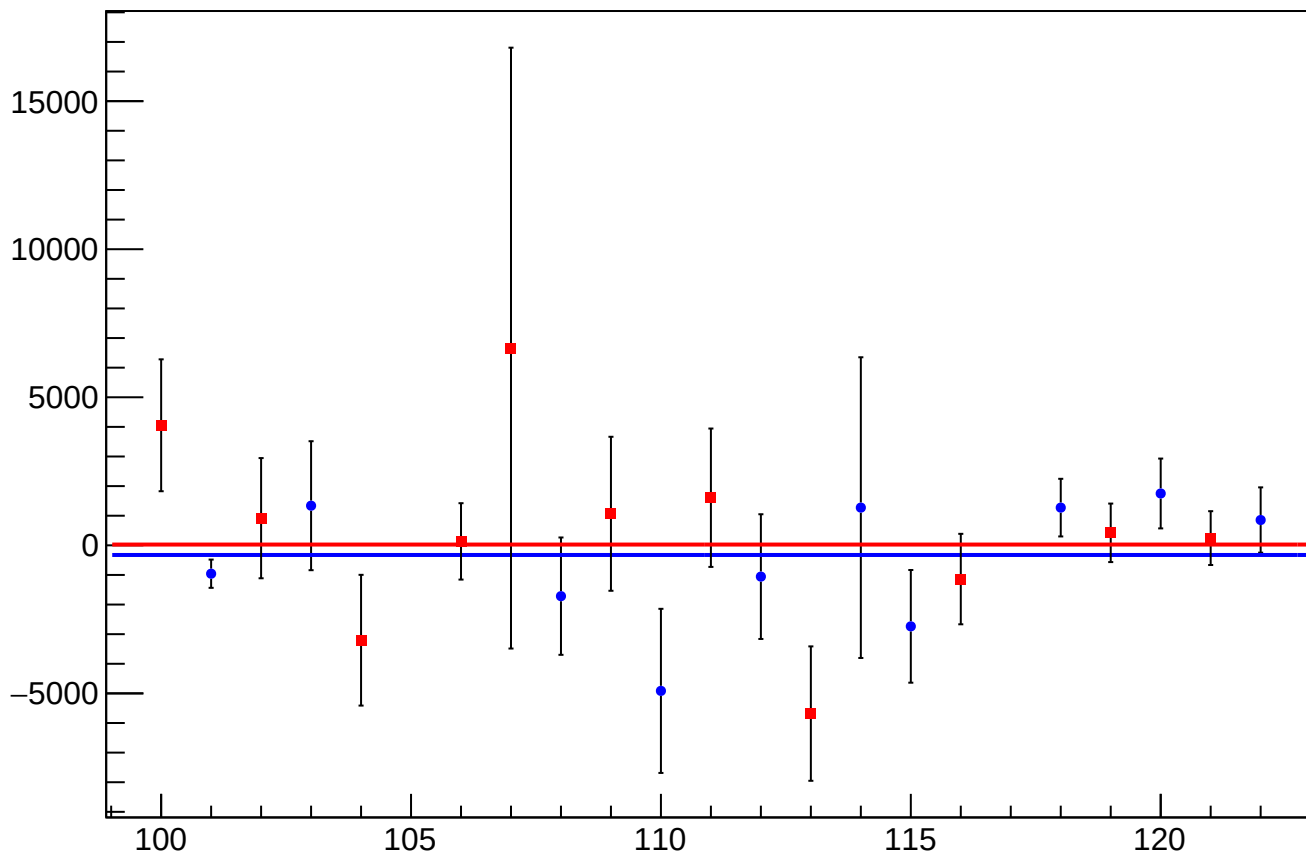
Right: 1668.060+/-0.405 χ^2/NDF : 253373.5/20

In: 1602.962+/-0.564 χ^2/NDF : 98130.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1668.060+/-0.405 χ^2/NDF : 253373.5/20

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -325.587 ± 350.696 χ^2/NDF : 14.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 26.197 ± 474.091 χ^2/NDF : 13.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

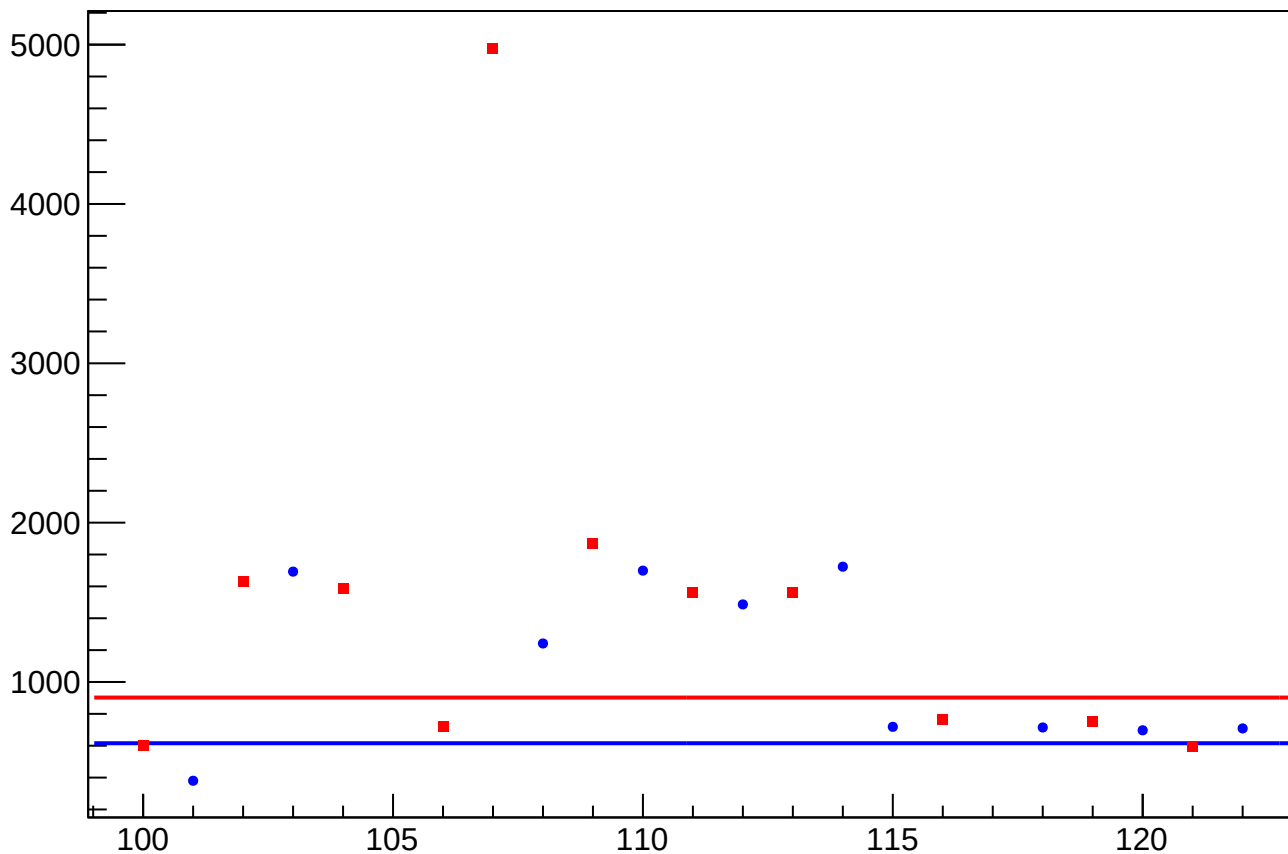
Right: -201.172 ± 281.942 χ^2/NDF : 28.5/20

In: -325.587 ± 350.696 χ^2/NDF : 14.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -201.172 ± 281.942 χ^2/NDF : 28.5/20

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 615.567+/-0.248 χ^2/NDF : 1969499.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.332+/-0.335 χ^2/NDF : 1737910.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

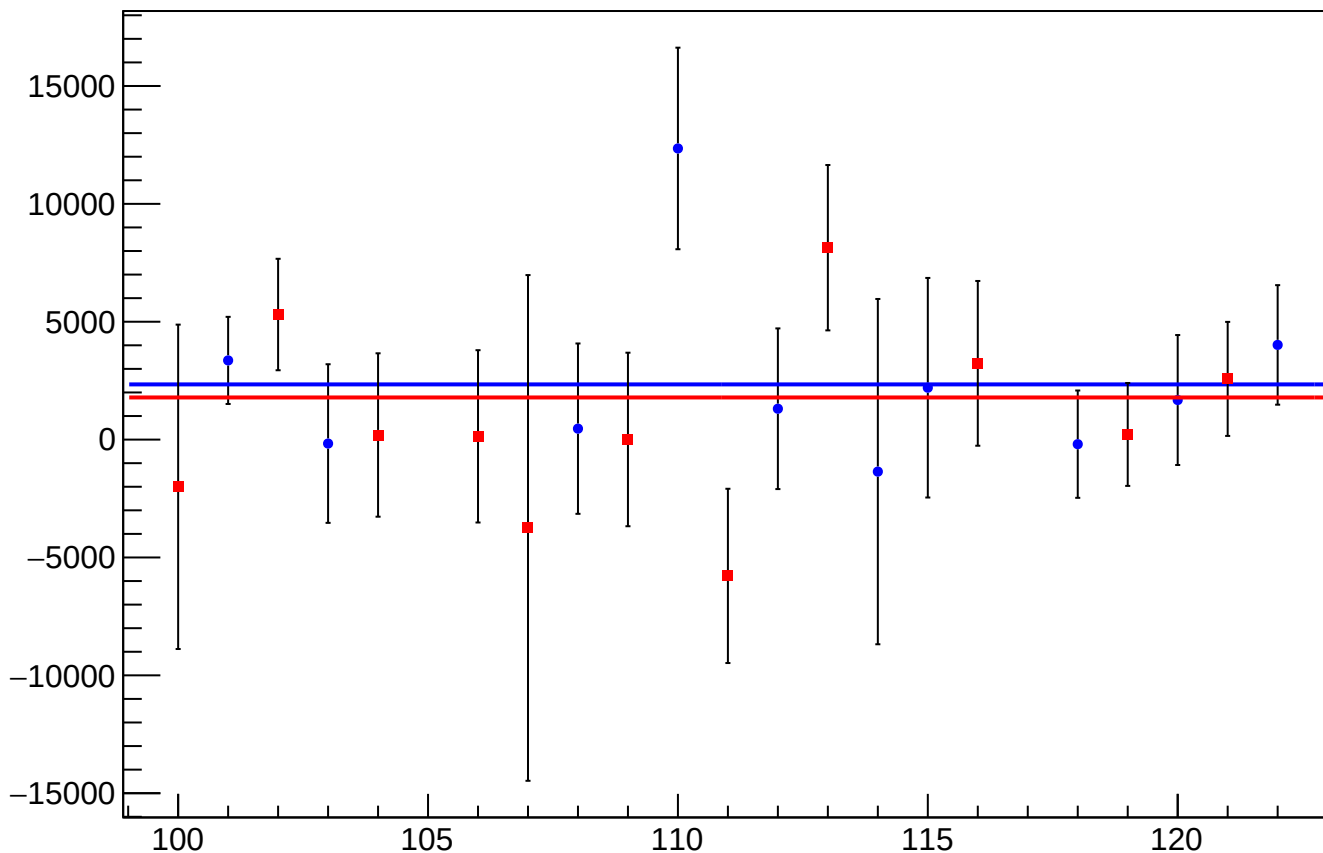
Right: 716.987+/-0.199 χ^2/NDF : 4180360.6/20

In: 615.567+/-0.248 χ^2/NDF : 1969499.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.987+/-0.199 χ^2/NDF : 4180360.6/20

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2341.730+/-935.153 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1787.573+/-972.272 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

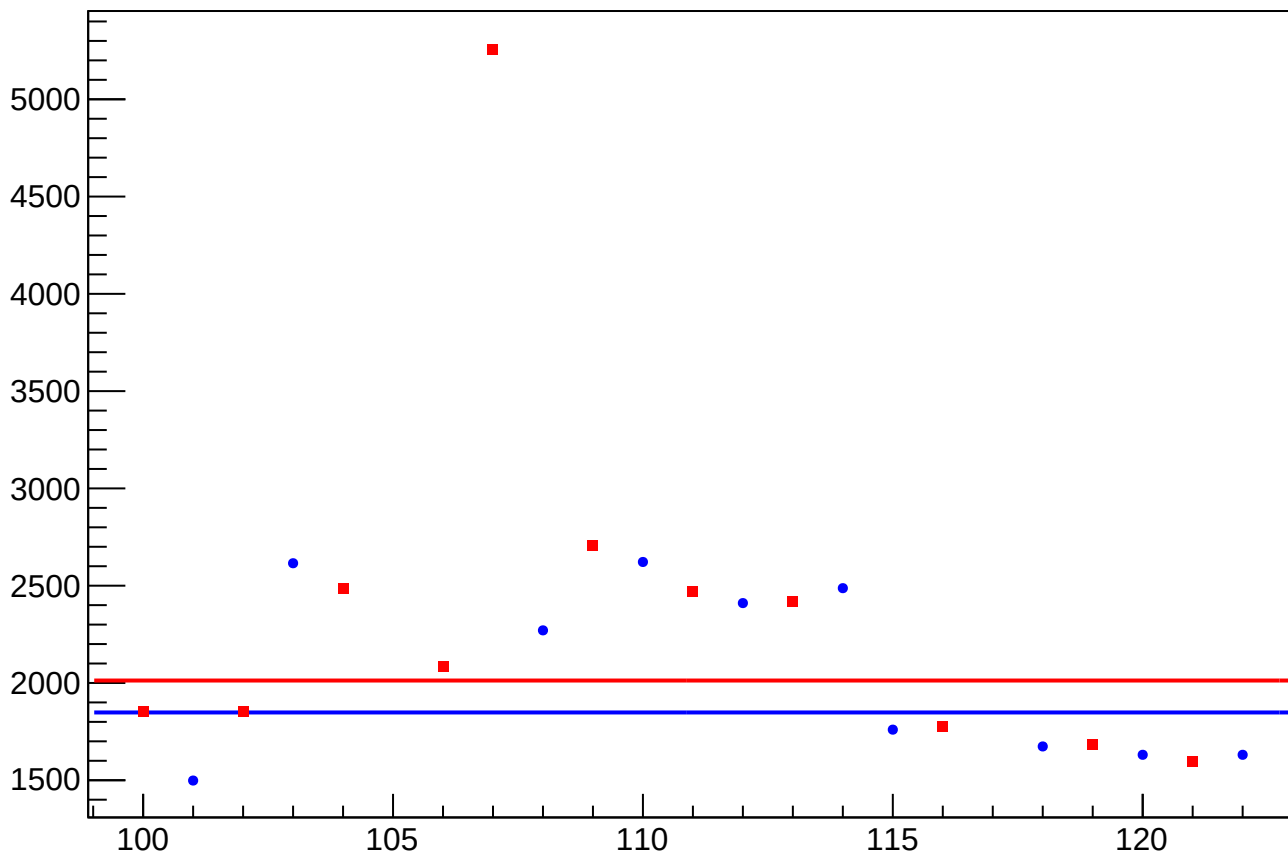
Right: 2075.431+/-673.994 χ^2/NDF : 20.6/20

In: 2341.730+/-935.153 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.431+/-673.994 χ^2/NDF : 20.6/20

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1848.381+/-0.661 χ^2/NDF : 377756.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2012.551+/-0.688 χ^2/NDF : 473590.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

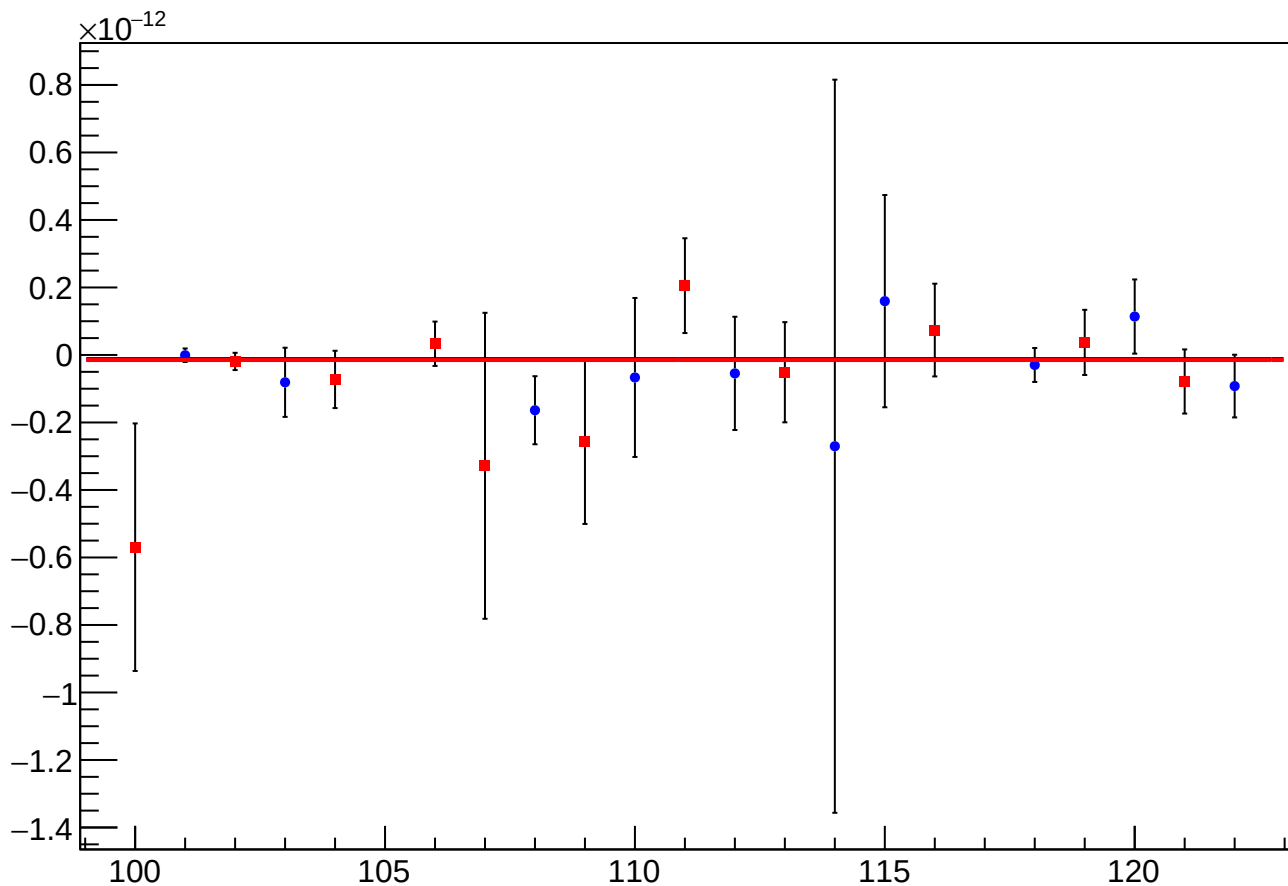
Right: 1927.273+/-0.477 χ^2/NDF : 880966.7/20

In: 1848.381+/-0.661 χ^2/NDF : 377756.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1927.273+/-0.477 χ^2/NDF : 880966.7/20

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.7/9

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

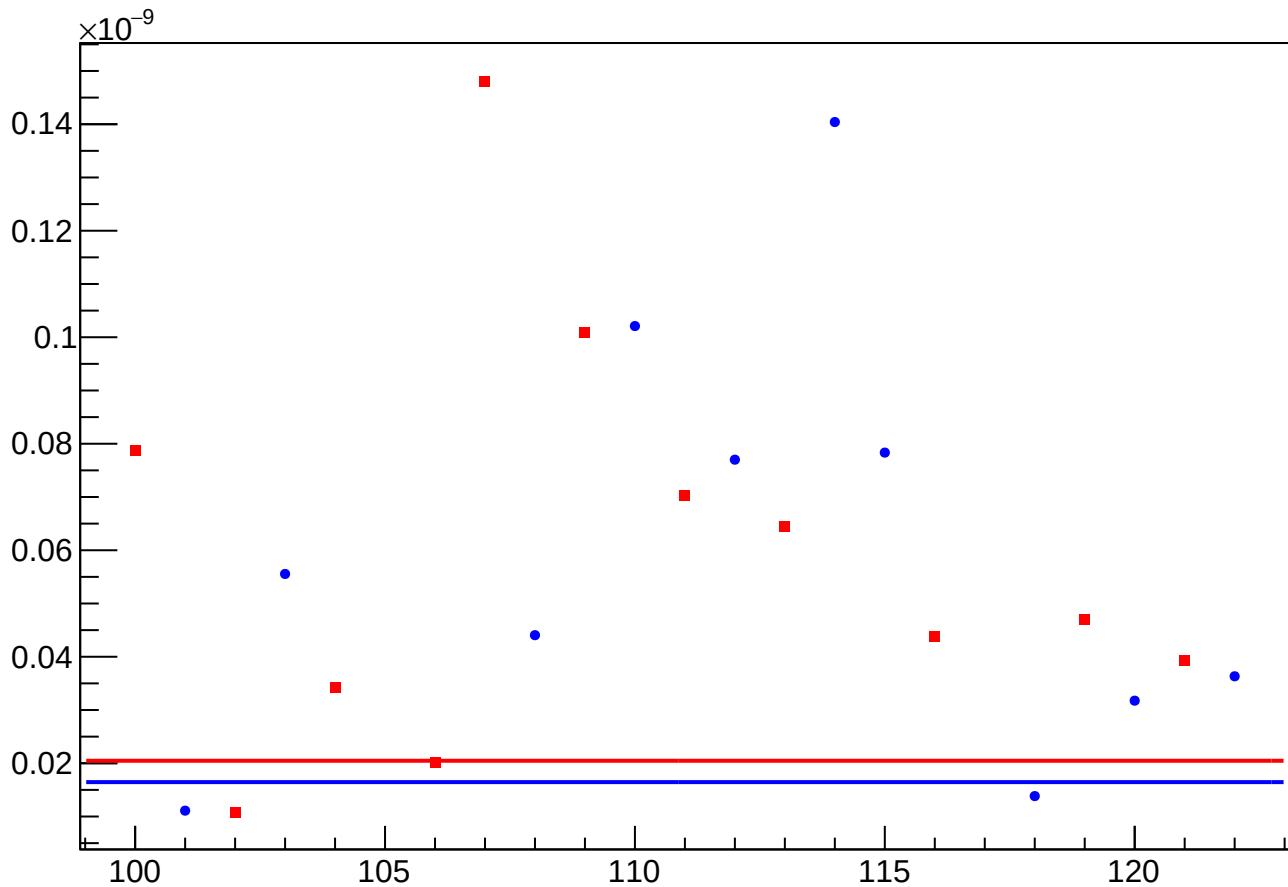
Right: -0.000+/-0.000 χ^2/NDF : 14.2/20

In: -0.000+/-0.000 χ^2/NDF :5.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.2/20

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1348620.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1485886.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

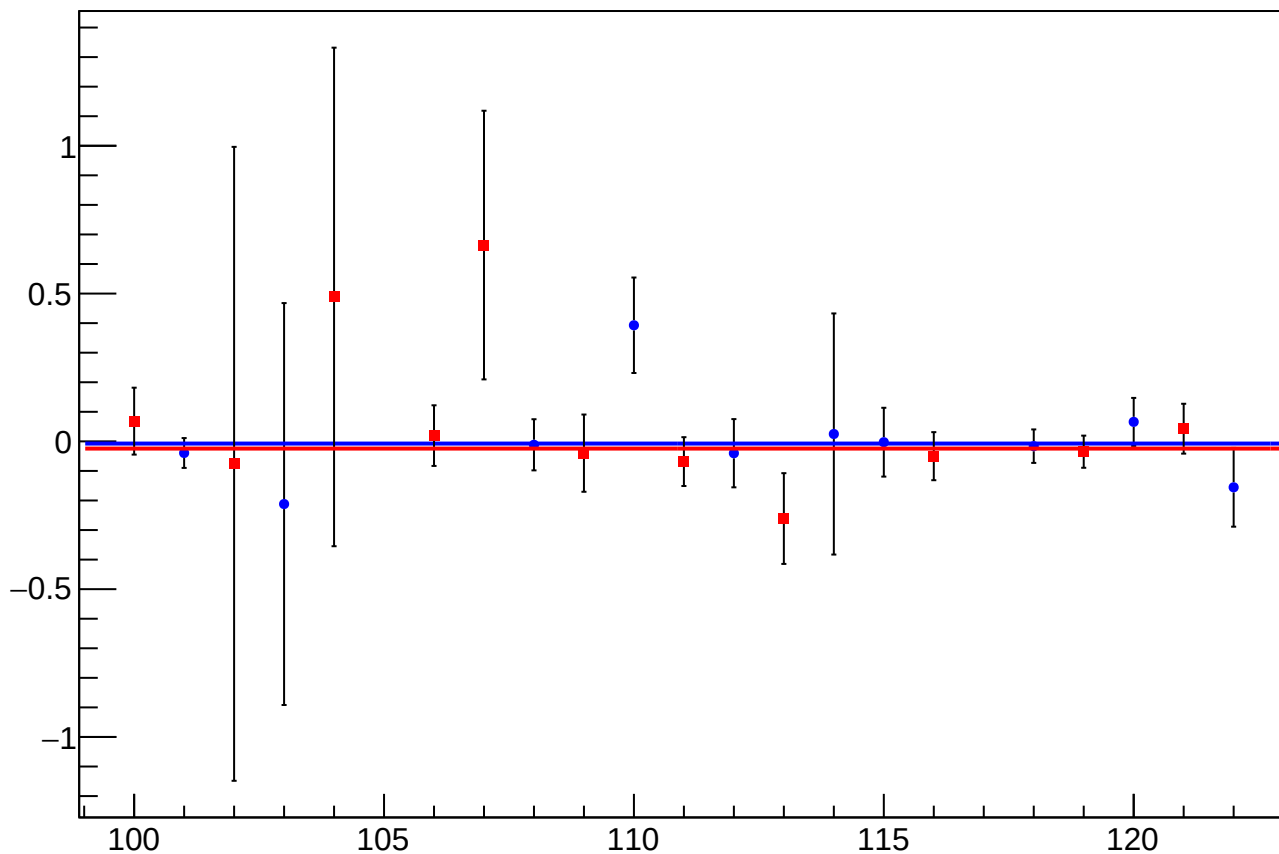
Right: 0.000+/-0.000 χ^2/NDF : 2878396.2/20

In: 0.000+/-0.000 χ^2/NDF : 1348620.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2878396.2/20

asym_usl_atl1_avg_dit_vs_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: -0.024+/-0.031 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

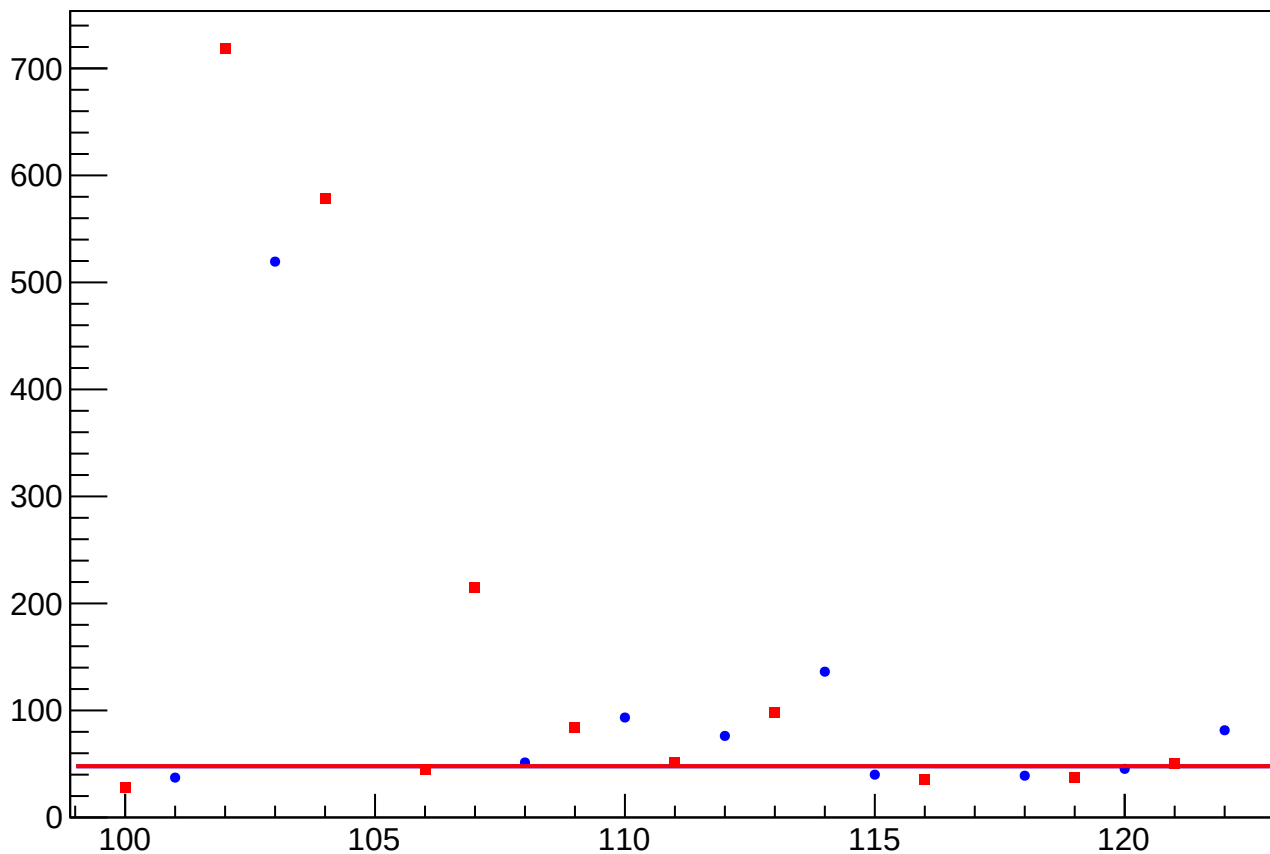
Right: -0.015+/-0.021 χ^2/NDF : 15.9/20

In: -0.007+/-0.028 χ^2/NDF :8.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.021 χ^2/NDF : 15.9/20

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.791+/-0.020 χ^2/NDF : 1614381.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.935+/-0.022 χ^2/NDF : 2396325.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

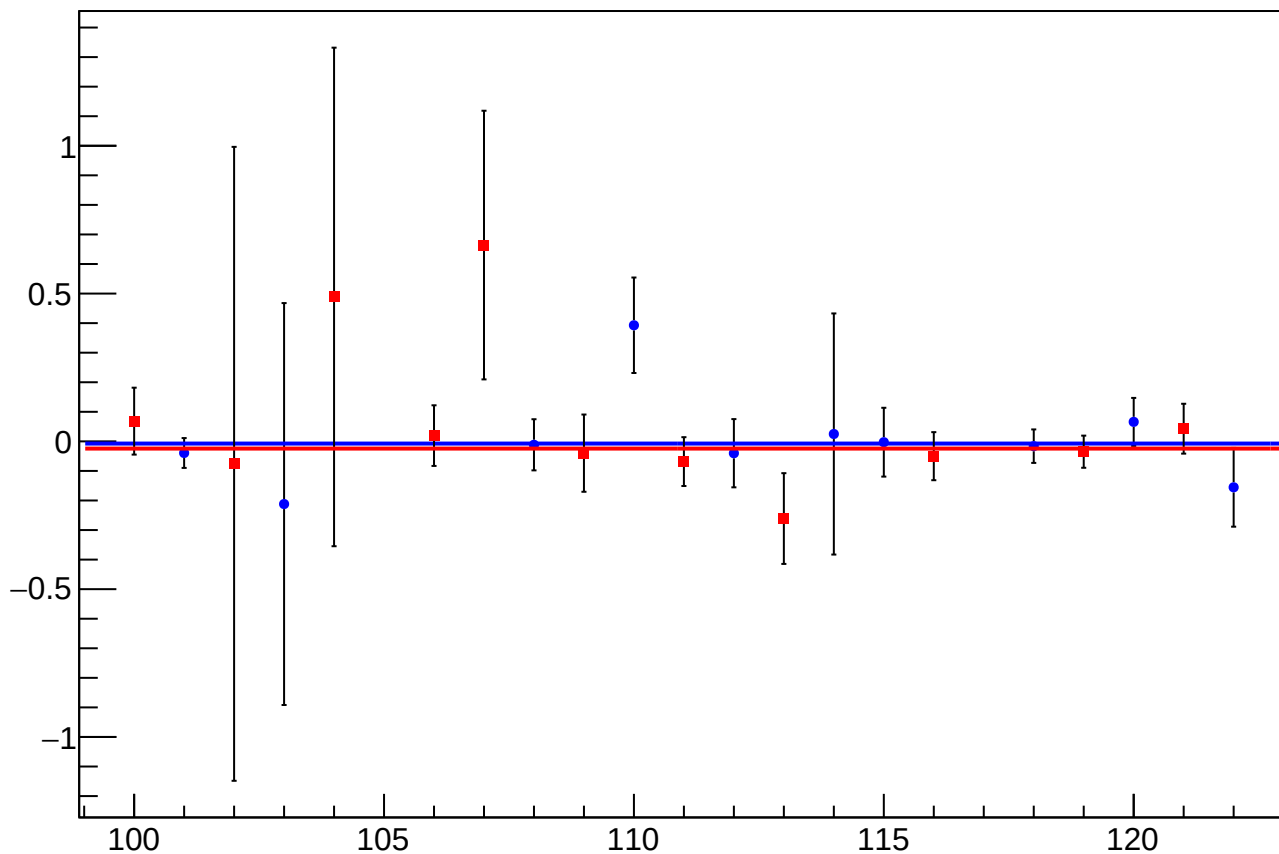
Right: 47.858+/-0.015 χ^2/NDF : 4010731.0/20

In: 47.791+/-0.020 χ^2/NDF : 1614381.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.858+/-0.015 χ^2/NDF : 4010731.0/20

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: -0.024+/-0.031 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

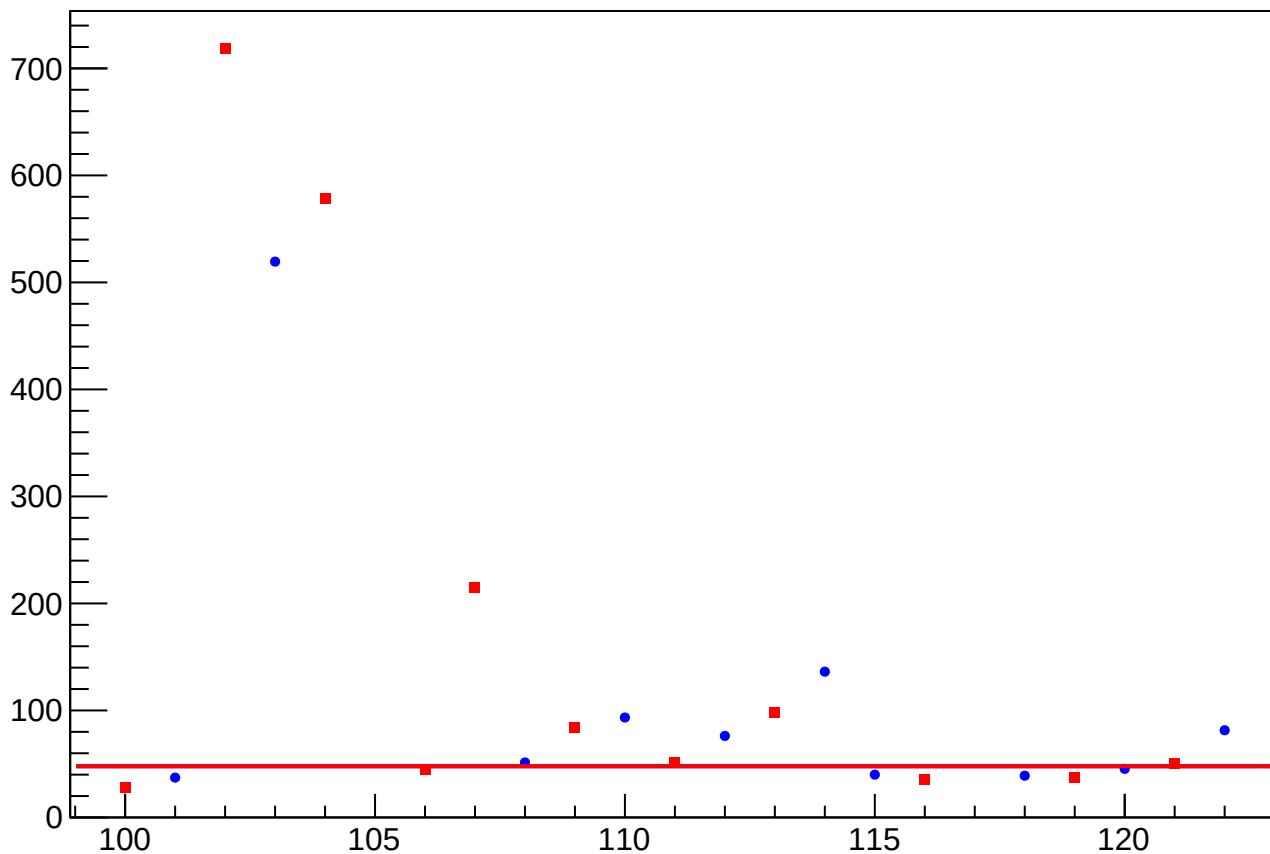
Right: -0.015+/-0.021 χ^2/NDF : 15.9/20

In: -0.007+/-0.028 χ^2/NDF :8.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.021 χ^2/NDF : 15.9/20

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.791+/-0.020 χ^2/NDF : 1614381.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.935+/-0.022 χ^2/NDF : 2396325.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

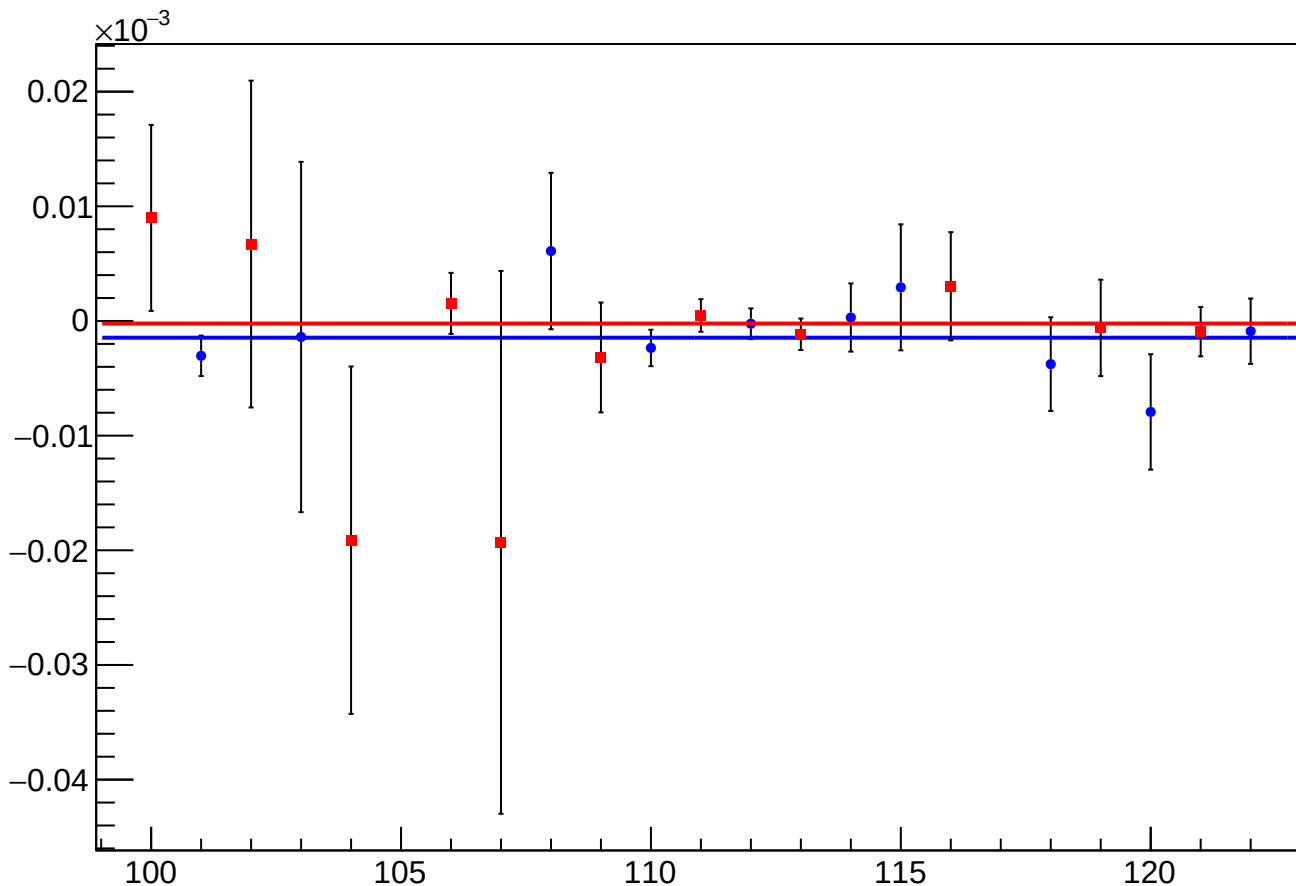
Right: 47.858+/-0.015 χ^2/NDF : 4010731.0/20

In: 47.791+/-0.020 χ^2/NDF : 1614381.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.858+/-0.015 χ^2/NDF : 4010731.0/20

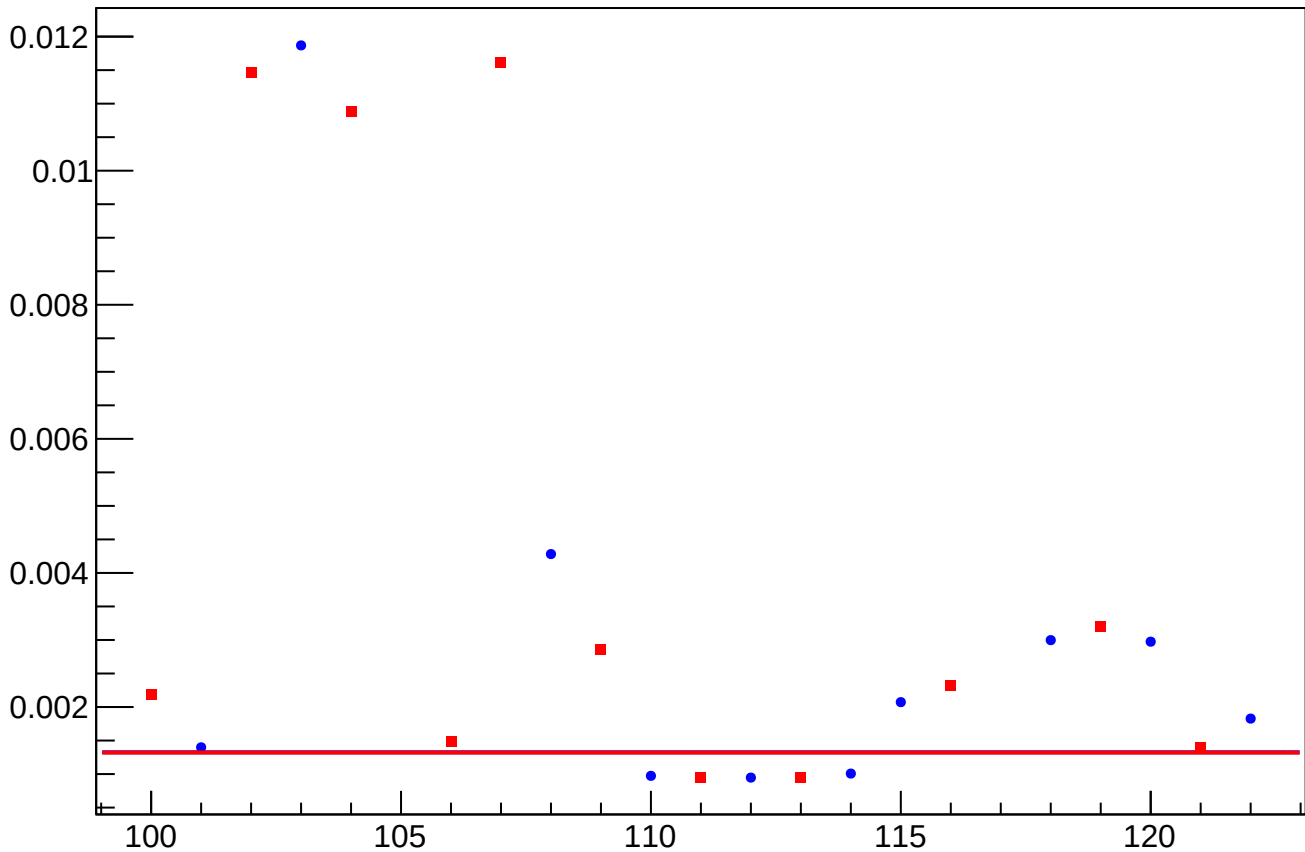
asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 13.3/20
 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 : 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 : 2261543.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3202256.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

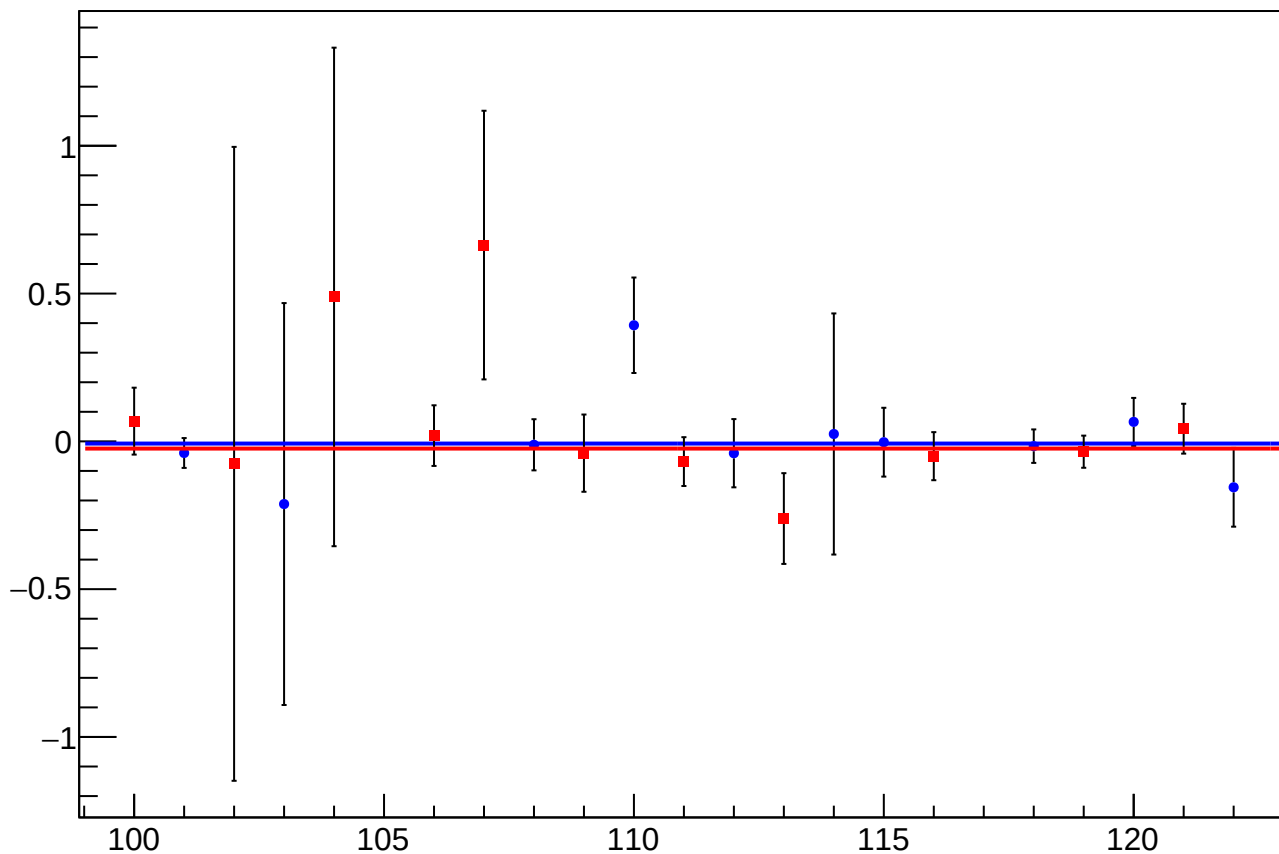
Right: 0.001+/-0.000 χ^2/NDF : 5463815.8/20

In: 0.001+/-0.000 χ^2/NDF :2261543.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5463815.8/20

asym_usl_atl1_avg_eigen_dit_vs_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: -0.024 ± 0.031 χ^2/NDF : 7.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

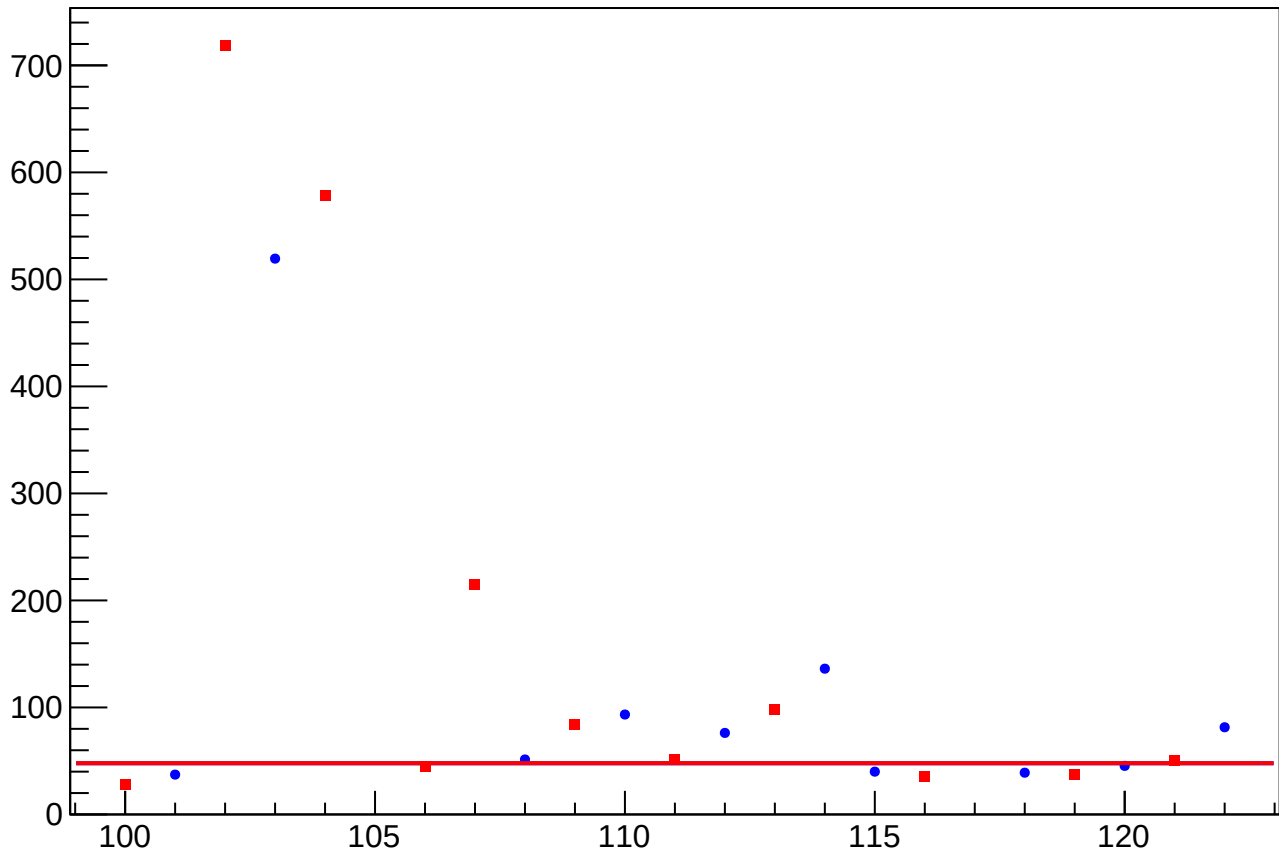
Right: -0.015 ± 0.021 χ^2/NDF : 15.9/20

In: -0.007 ± 0.028 χ^2/NDF : 8.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.021 χ^2/NDF : 15.9/20

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.791+/-0.020 χ^2/NDF : 1614384.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.935+/-0.022 χ^2/NDF : 2396331.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

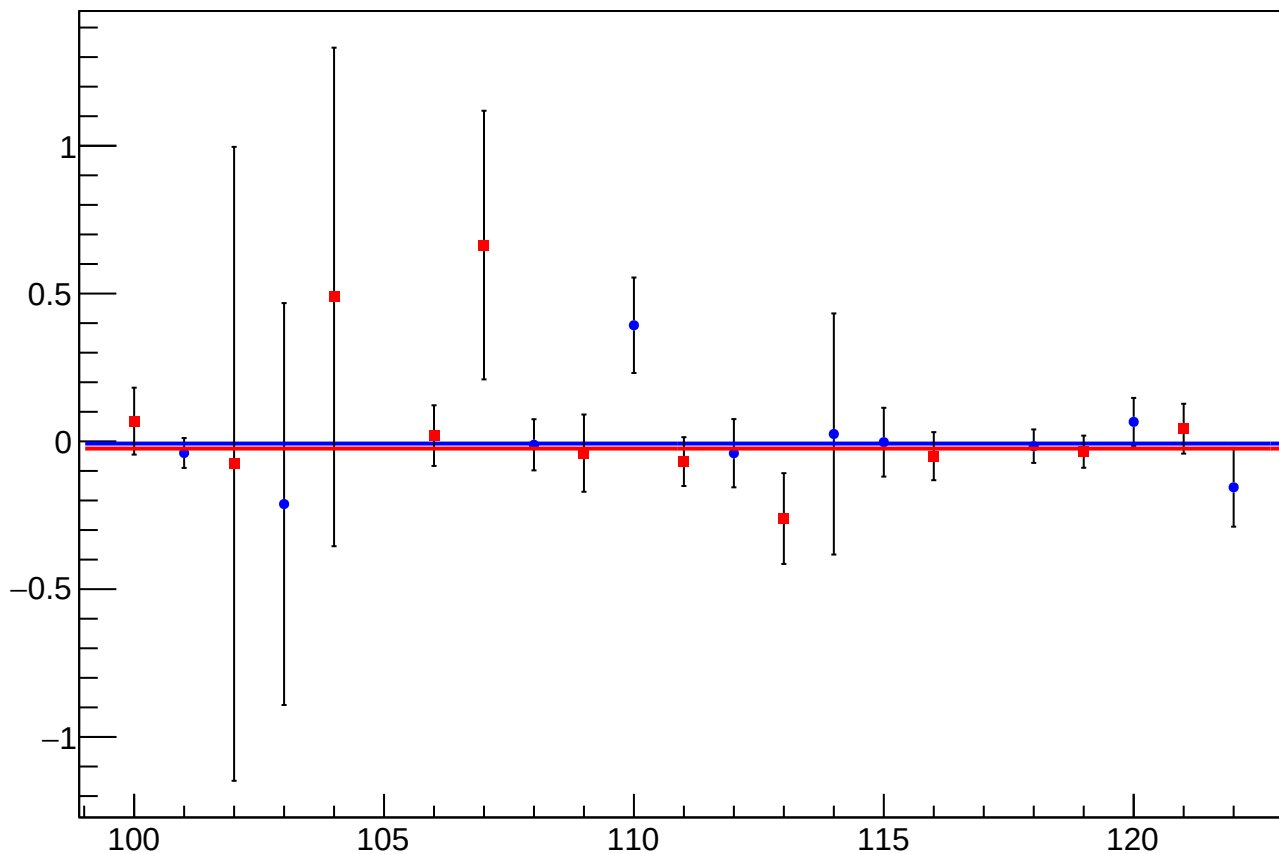
Right: 47.857+/-0.015 χ^2/NDF : 4010740.2/20

In: 47.791+/-0.020 χ^2/NDF : 1614384.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.857+/-0.015 χ^2/NDF : 4010740.2/20

asym_usl_atl1_avg_eigen_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: -0.024 ± 0.031 χ^2/NDF : 7.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

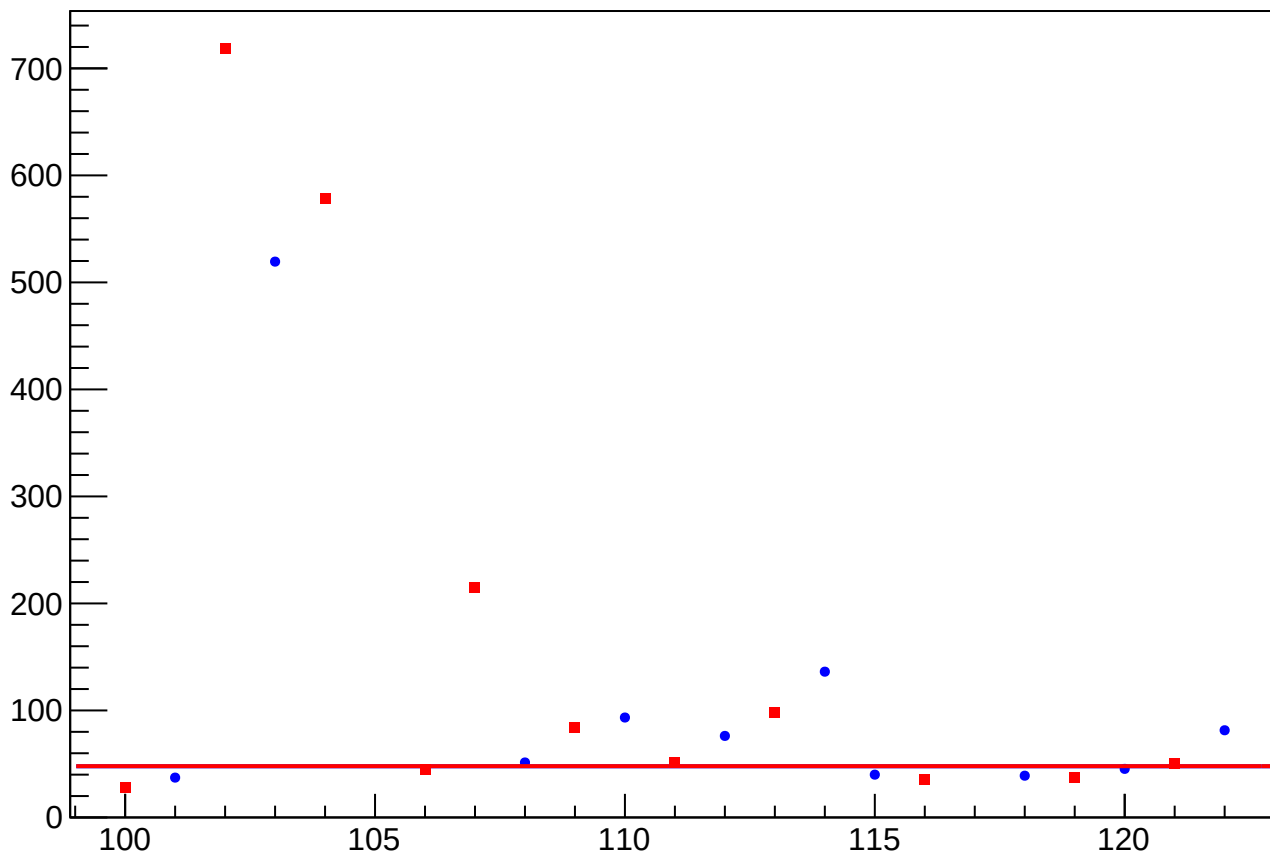
Right: -0.015 ± 0.021 χ^2/NDF : 15.9/20

In: -0.007 ± 0.028 χ^2/NDF : 8.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.021 χ^2/NDF : 15.9/20

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.791+/-0.020 χ^2/NDF : 1614384.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.935+/-0.022 χ^2/NDF : 2396331.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

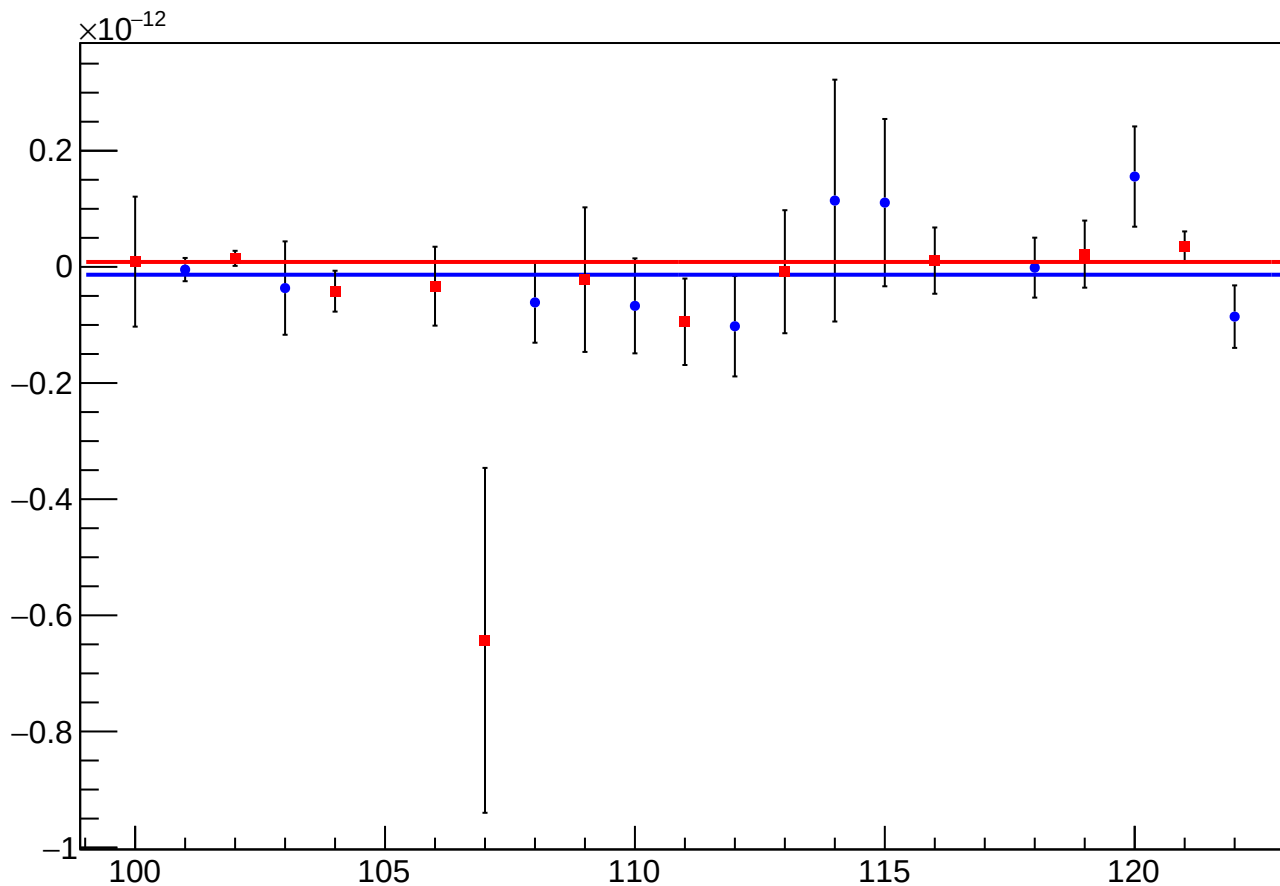
Right: 47.857+/-0.015 χ^2/NDF : 4010740.2/20

In: 47.791+/-0.020 χ^2/NDF : 1614384.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.857+/-0.015 χ^2/NDF : 4010740.2/20

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.0/9

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

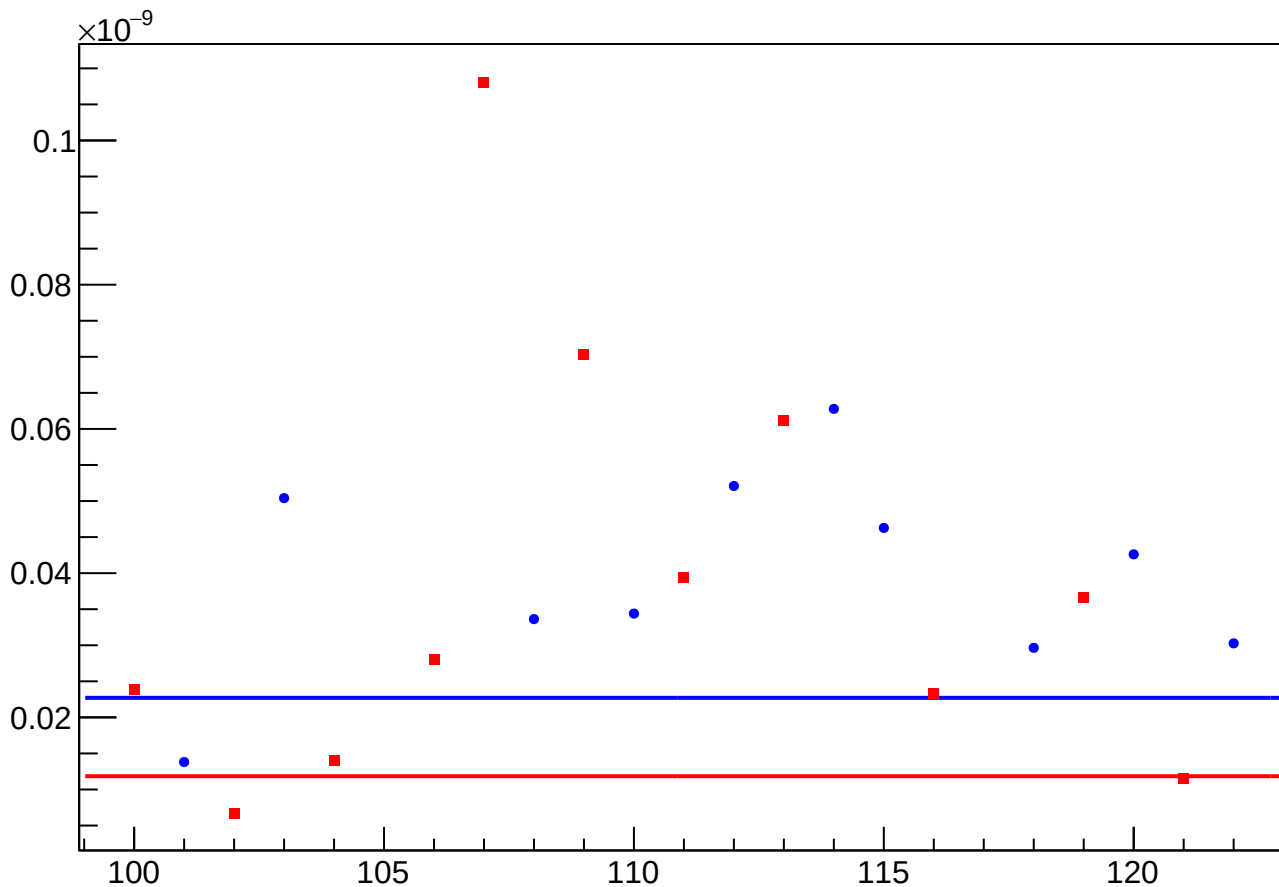
Right: 0.000+/-0.000 χ^2/NDF : 20.9/20

In: -0.000+/-0.000 χ^2/NDF :9.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.9/20

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1262802.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2272614.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

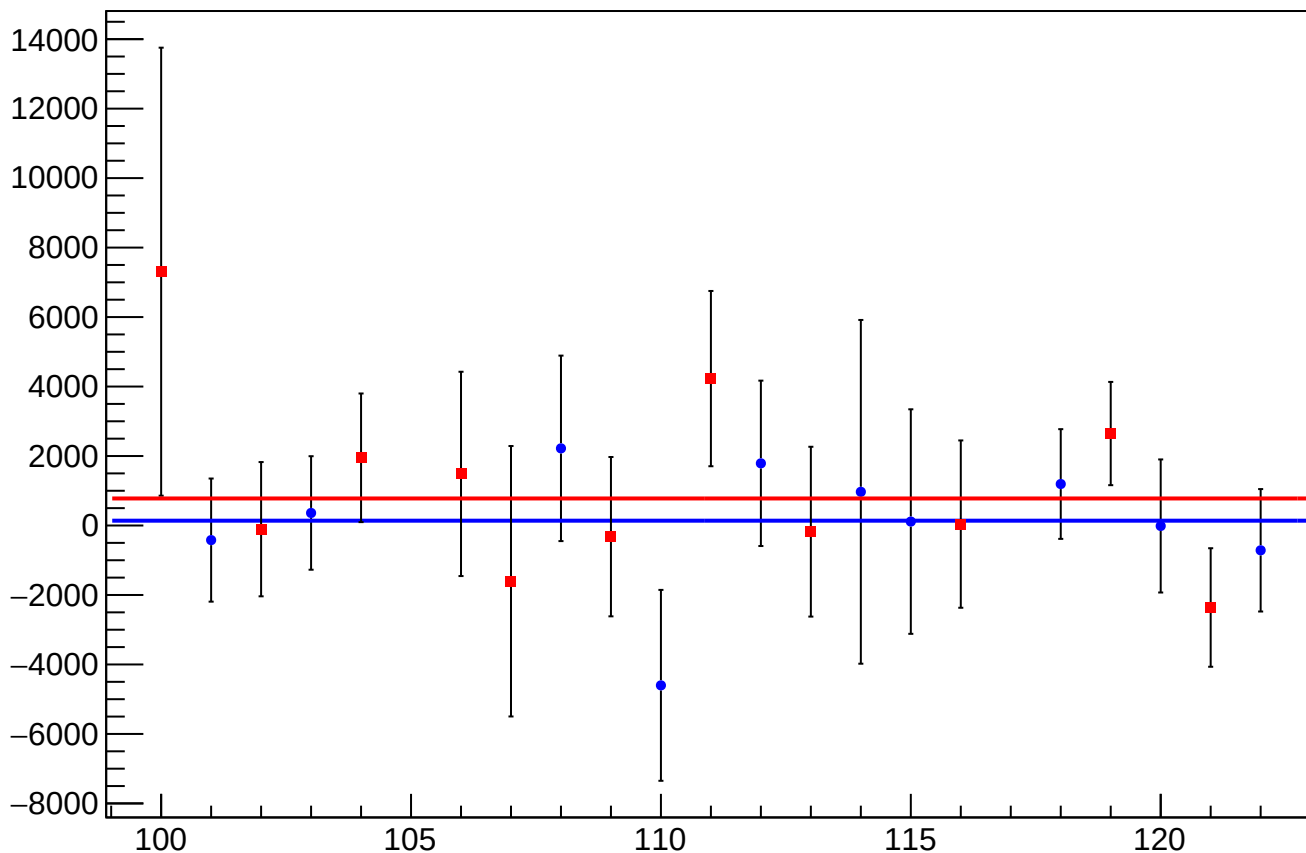
Right: 0.000+/-0.000 χ^2/NDF : 4206553.0/20

In: 0.000+/-0.000 χ^2/NDF : 1262802.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4206553.0/20

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 138.659+/-663.054 χ^2/NDF : 4.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 778.293+/-666.864 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

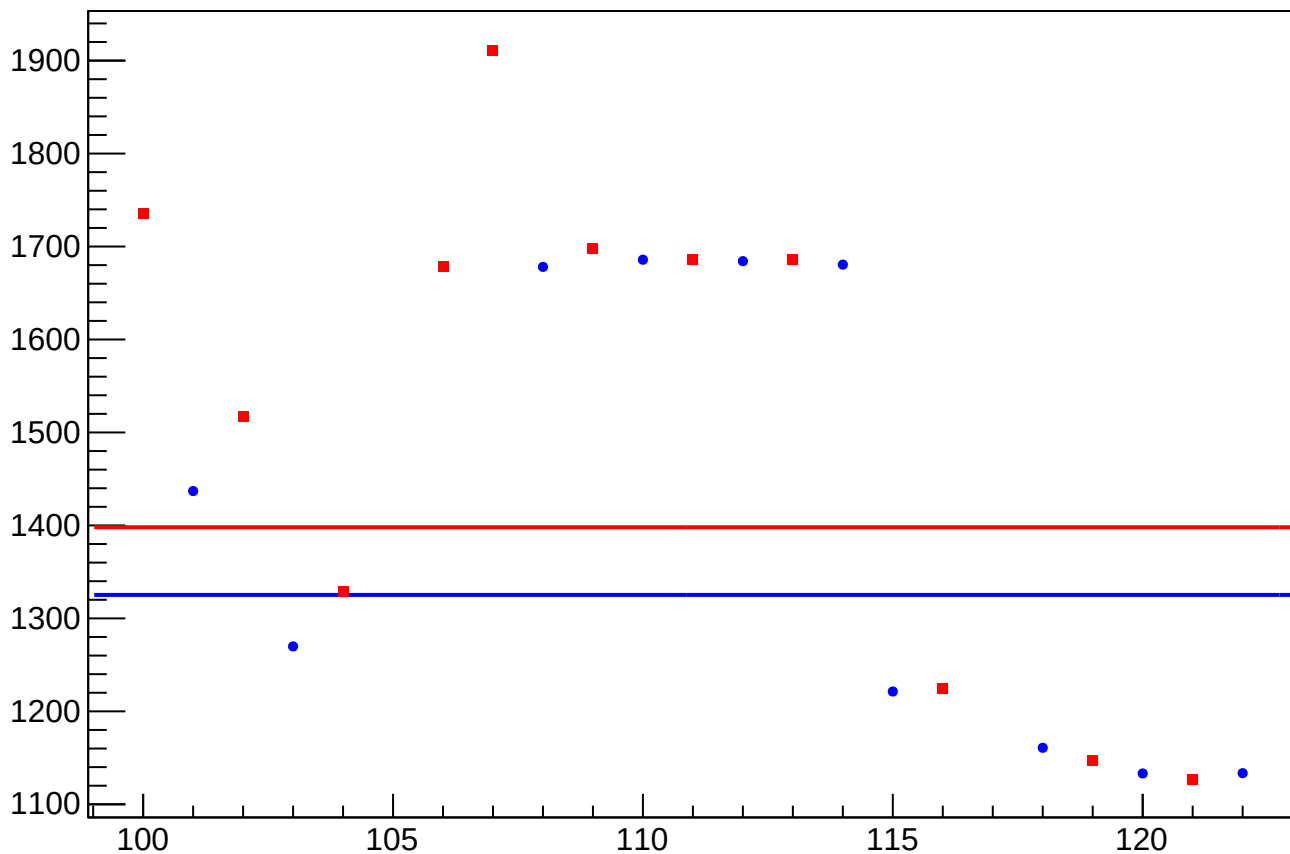
Right: 456.644+/-470.191 χ^2/NDF : 14.7/20

In: 138.659+/-663.054 χ^2/NDF :4.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 456.644+/-470.191 χ^2/NDF : 14.7/20

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1325.245+/-0.469 χ^2/NDF : 203001.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1398.042+/-0.472 χ^2/NDF : 274899.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

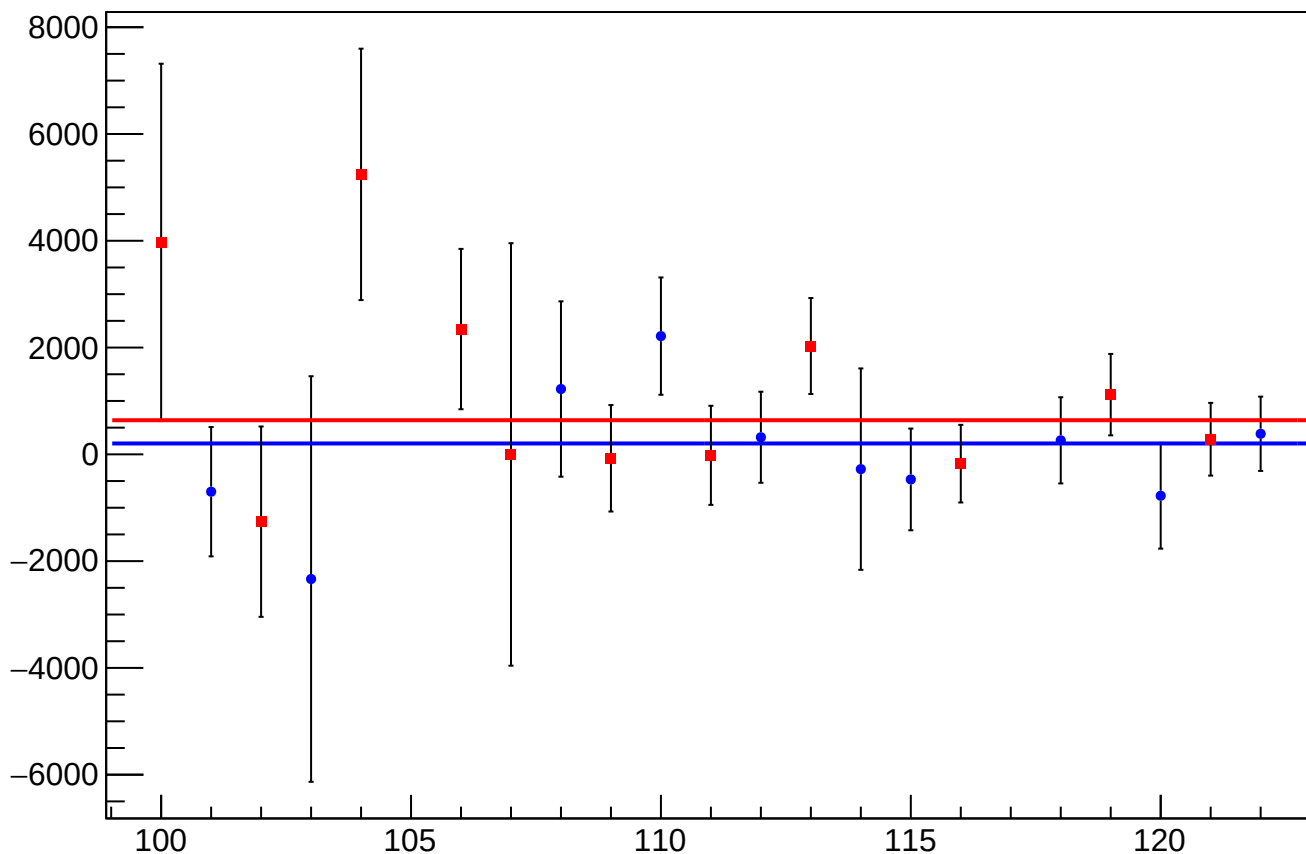
Right: 1361.435+/-0.332 χ^2/NDF : 489885.9/20

In: 1325.245+/-0.469 χ^2/NDF : 203001.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.435+/-0.332 χ^2/NDF : 489885.9/20

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 203.835+/-327.381 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 639.199+/-312.133 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

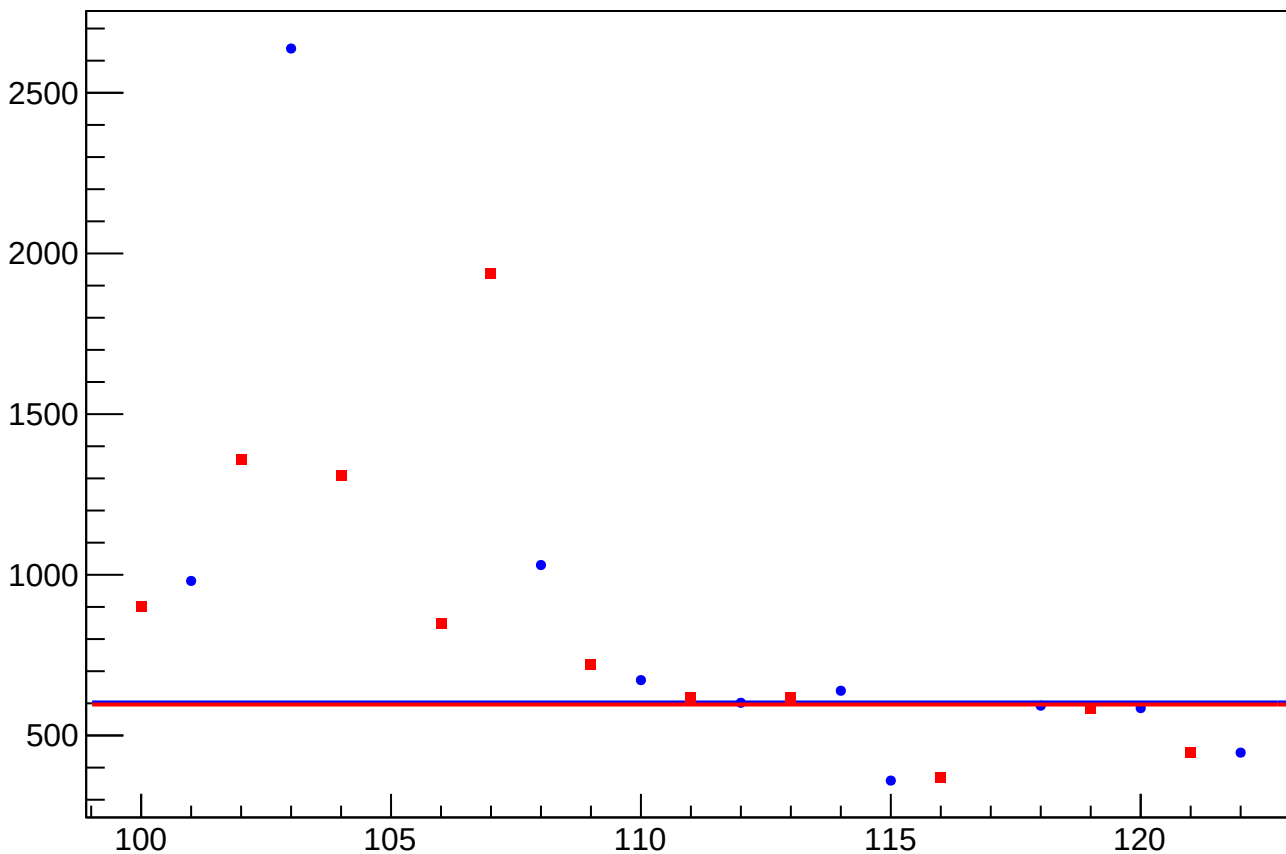
Right: 431.891+/-225.910 χ^2/NDF : 19.9/20

In: 203.835+/-327.381 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.891+/-225.910 χ^2/NDF : 19.9/20

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 602.743+/-0.231 χ^2/NDF : 1145668.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 596.304+/-0.221 χ^2/NDF : 1180474.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

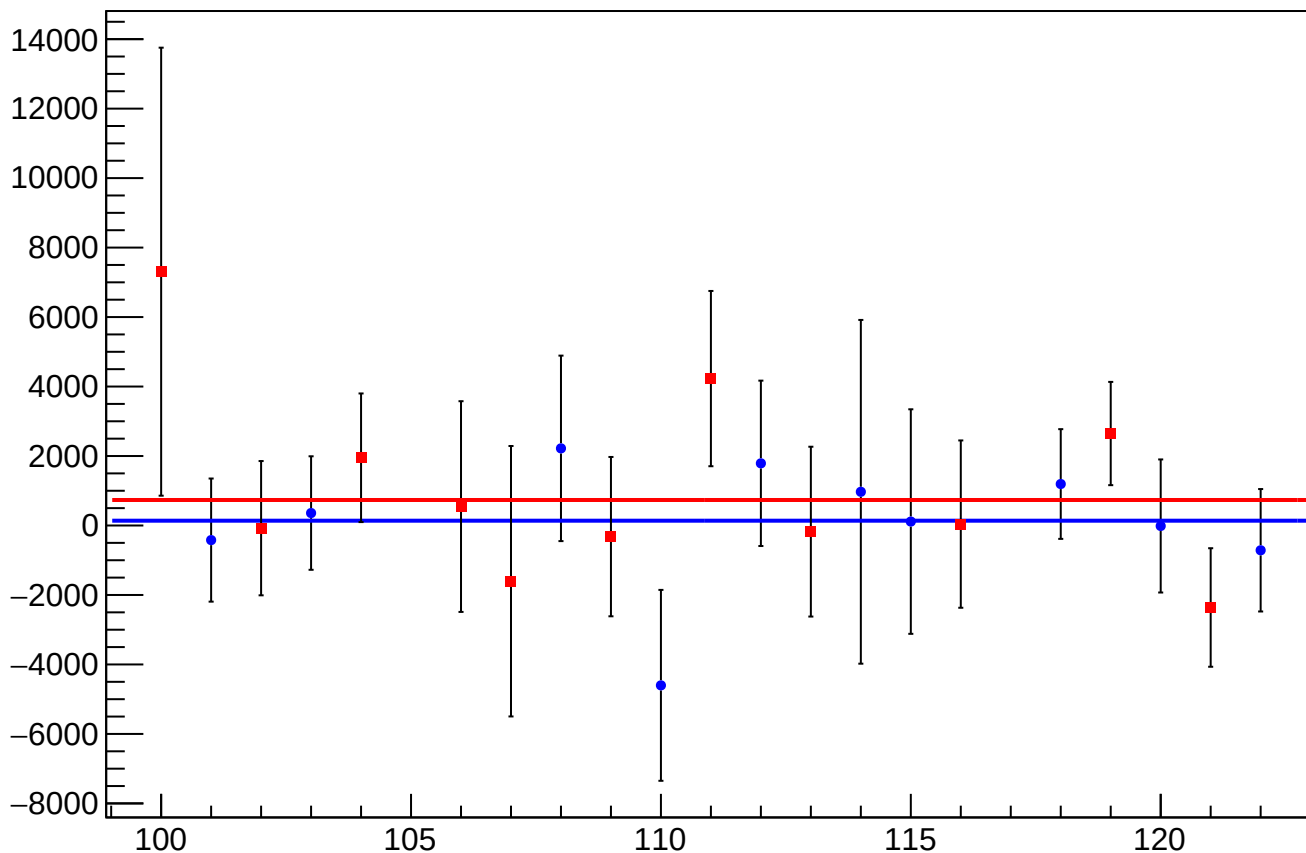
Right: 599.370+/-0.160 χ^2/NDF : 2326548.5/20

In: 602.743+/-0.231 χ^2/NDF :1145668.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 599.370+/-0.160 χ^2/NDF : 2326548.5/20

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 138.217+/-663.054 χ^2/NDF : 4.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 734.218+/-667.904 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

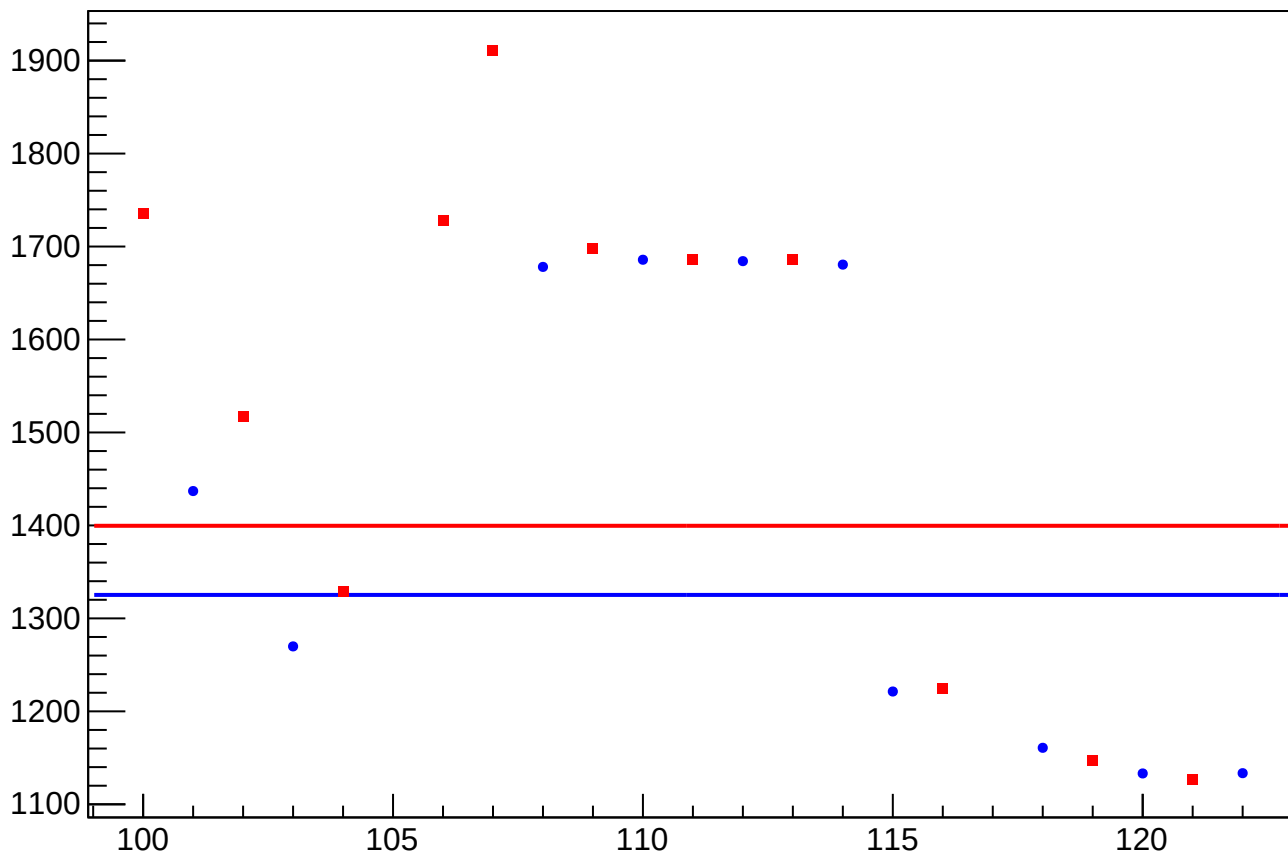
Right: 434.046+/-470.555 χ^2/NDF : 14.6/20

In: 138.217+/-663.054 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.046+/-470.555 χ^2/NDF : 14.6/20

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1325.245+/-0.469 χ^2/NDF : 203001.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1399.604+/-0.472 χ^2/NDF : 280431.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

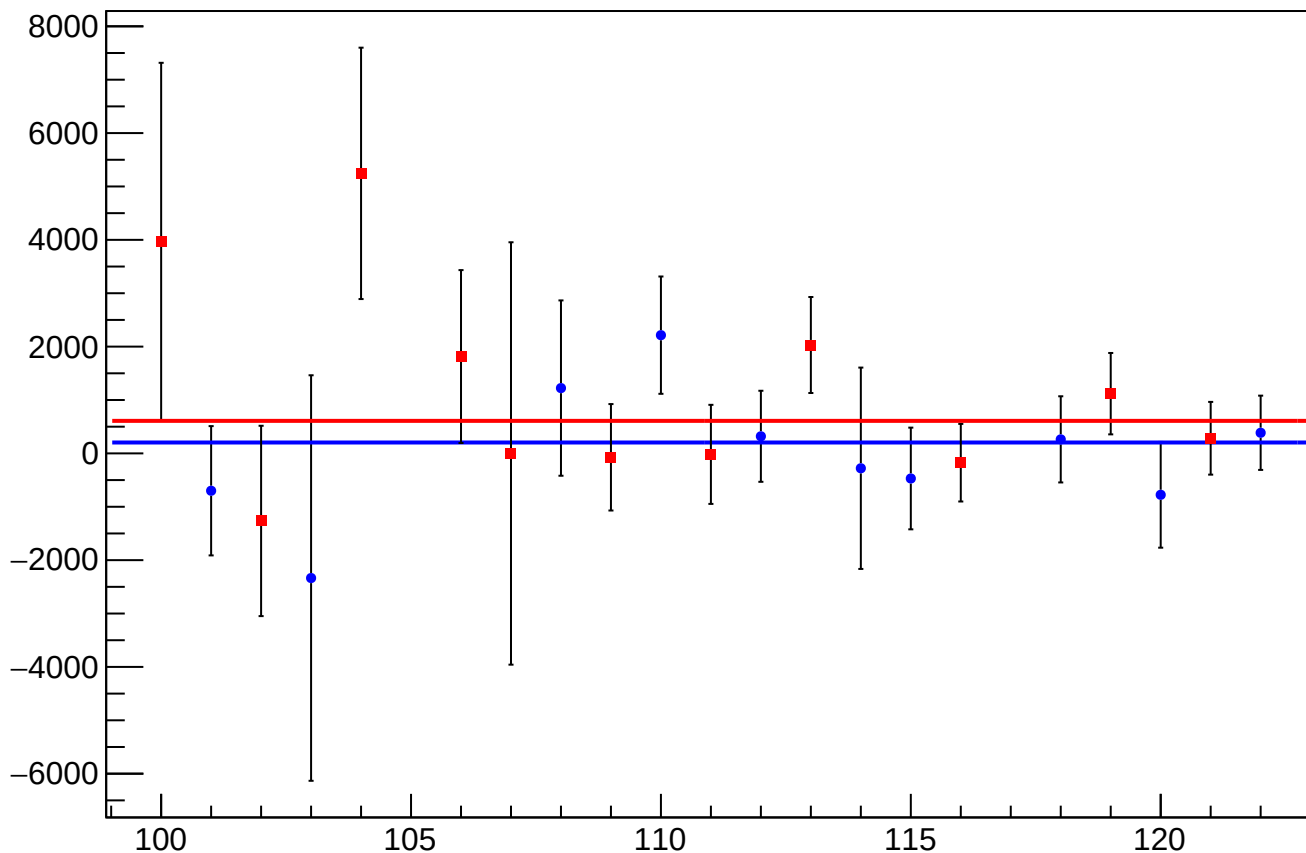
Right: 1362.154+/-0.333 χ^2/NDF : 495918.0/20

In: 1325.245+/-0.469 χ^2/NDF : 203001.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.154+/-0.333 χ^2/NDF : 495918.0/20

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 203.878+/-327.381 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.112+/-313.081 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

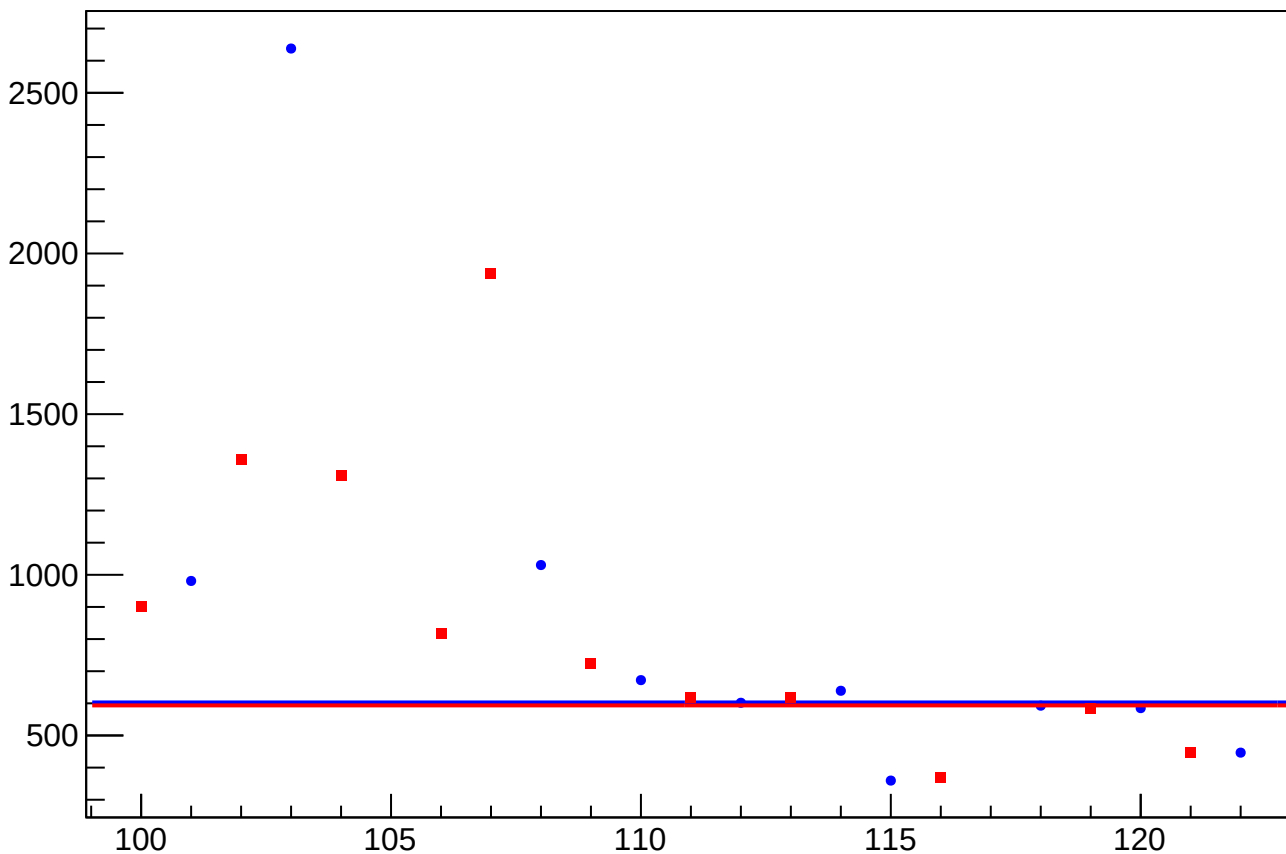
Right: 415.539+/-226.268 χ^2/NDF : 19.0/20

In: 203.878+/-327.381 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.539+/-226.268 χ^2/NDF : 19.0/20

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 602.743+/-0.231 χ^2/NDF : 1145633.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 593.610+/-0.221 χ^2/NDF : 1161535.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

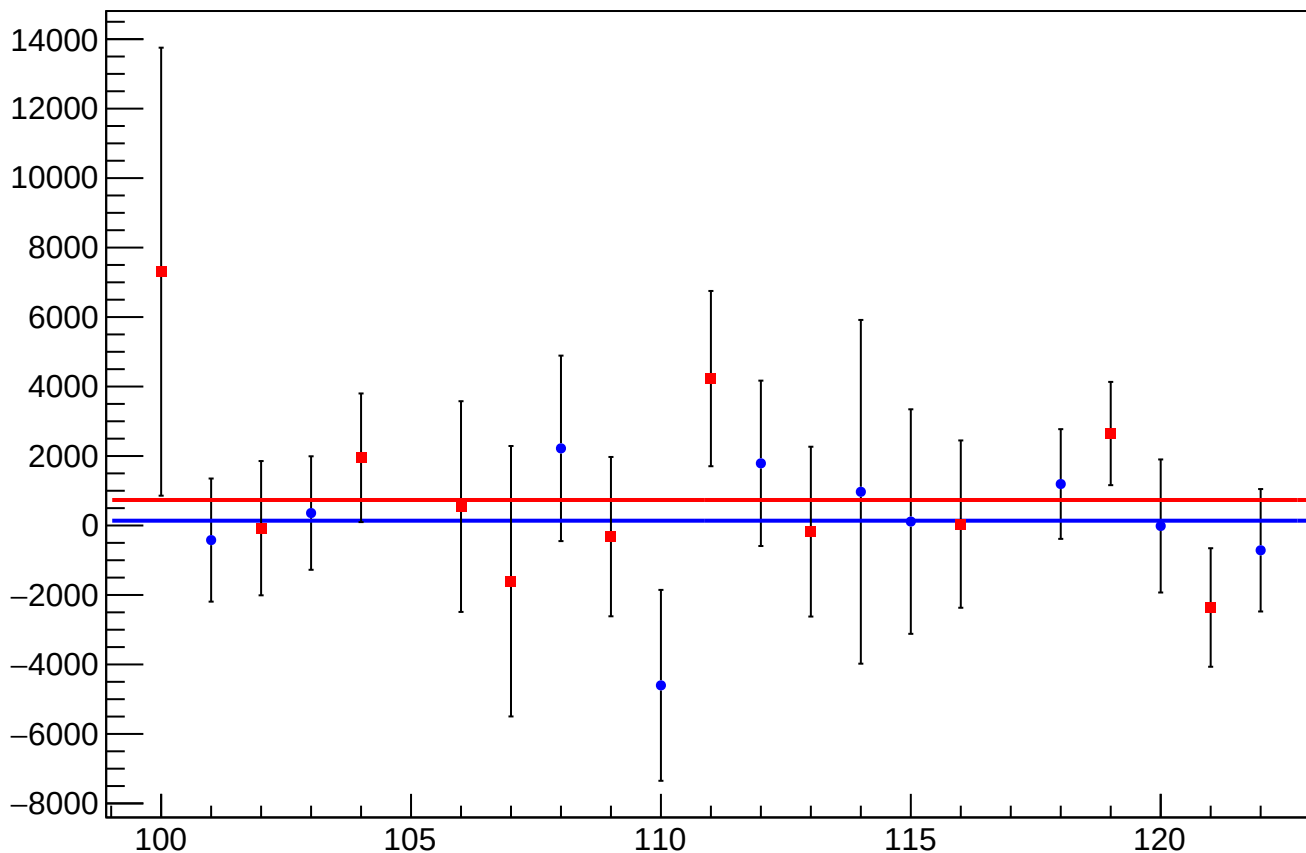
Right: 597.973+/-0.160 χ^2/NDF : 2307981.6/20

In: 602.743+/-0.231 χ^2/NDF :1145633.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 597.973+/-0.160 χ^2/NDF : 2307981.6/20

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 138.217+/-663.054 χ^2/NDF : 4.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 734.218+/-667.904 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

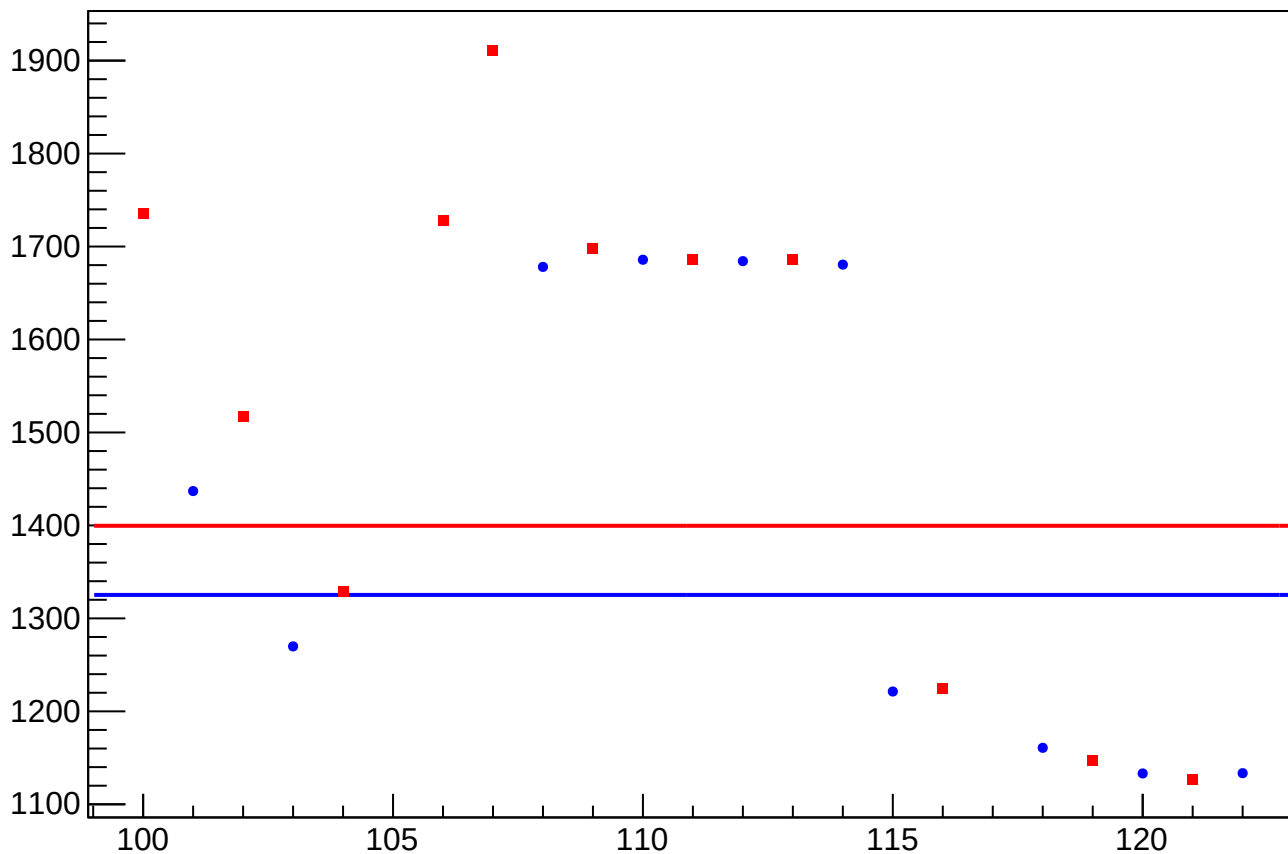
Right: 434.046+/-470.555 χ^2/NDF : 14.6/20

In: 138.217+/-663.054 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.046+/-470.555 χ^2/NDF : 14.6/20

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1325.245+/-0.469 χ^2/NDF : 203001.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1399.604+/-0.472 χ^2/NDF : 280431.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

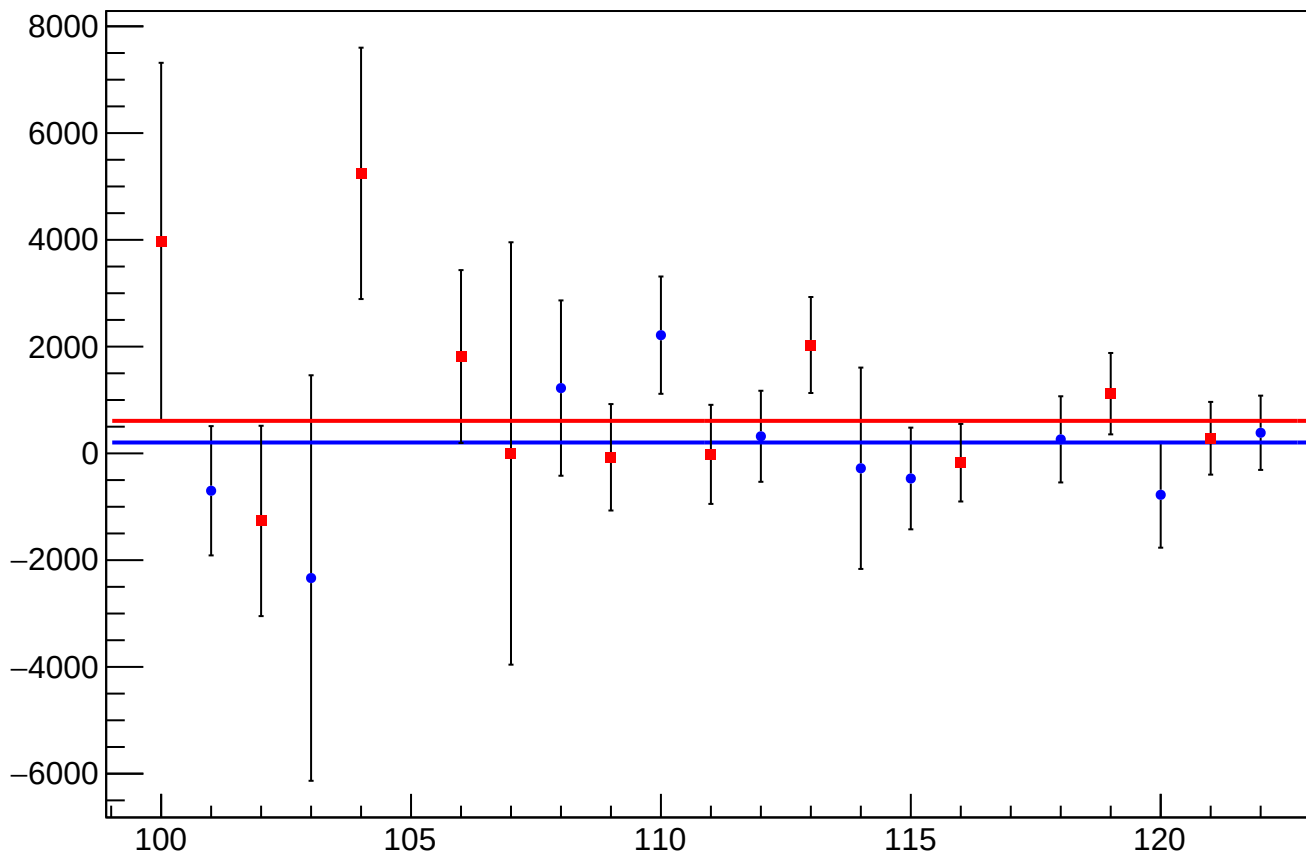
Right: 1362.154+/-0.333 χ^2/NDF : 495918.0/20

In: 1325.245+/-0.469 χ^2/NDF : 203001.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.154+/-0.333 χ^2/NDF : 495918.0/20

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 203.878+/-327.381 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.112+/-313.081 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

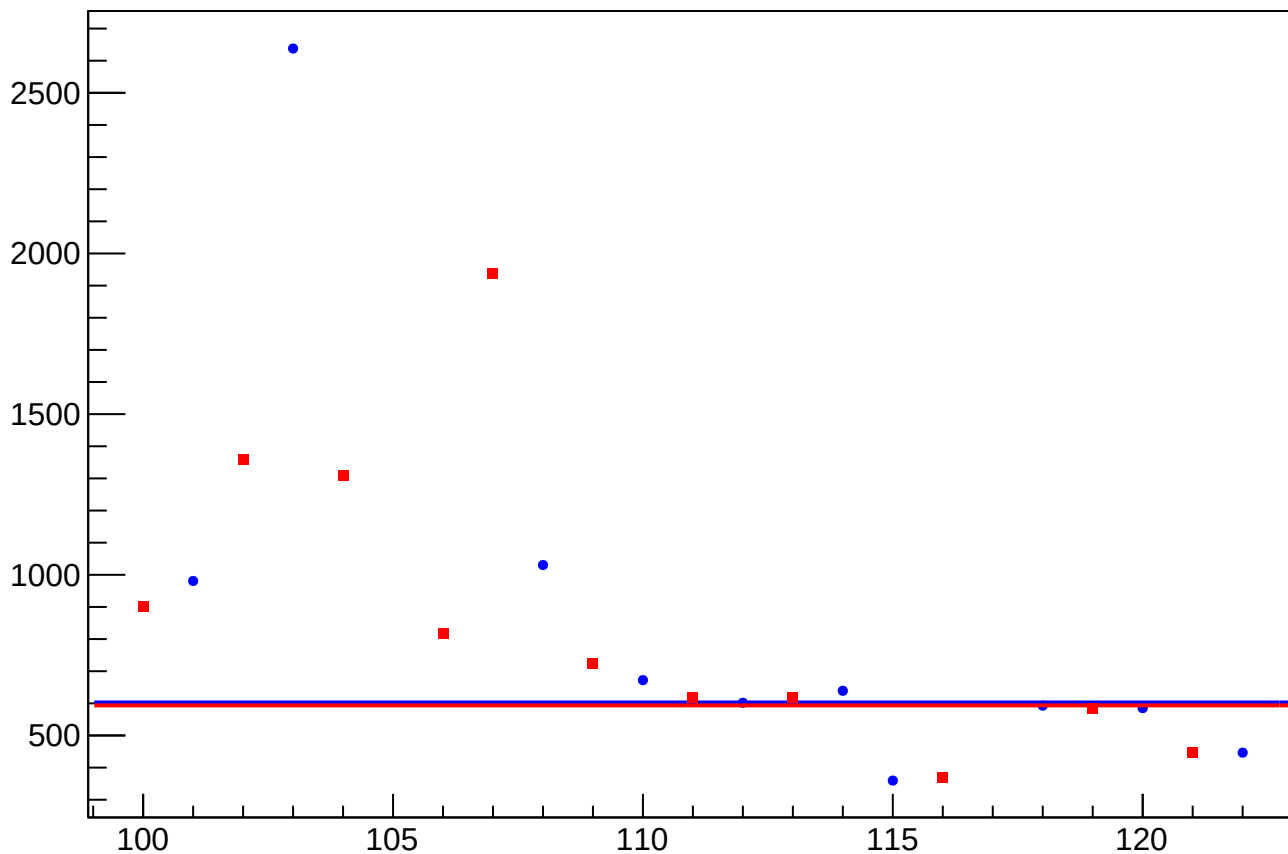
Right: 415.539+/-226.268 χ^2/NDF : 19.0/20

In: 203.878+/-327.381 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.539+/-226.268 χ^2/NDF : 19.0/20

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 602.743+/-0.231 χ^2/NDF : 1145633.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 593.610+/-0.221 χ^2/NDF : 1161535.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

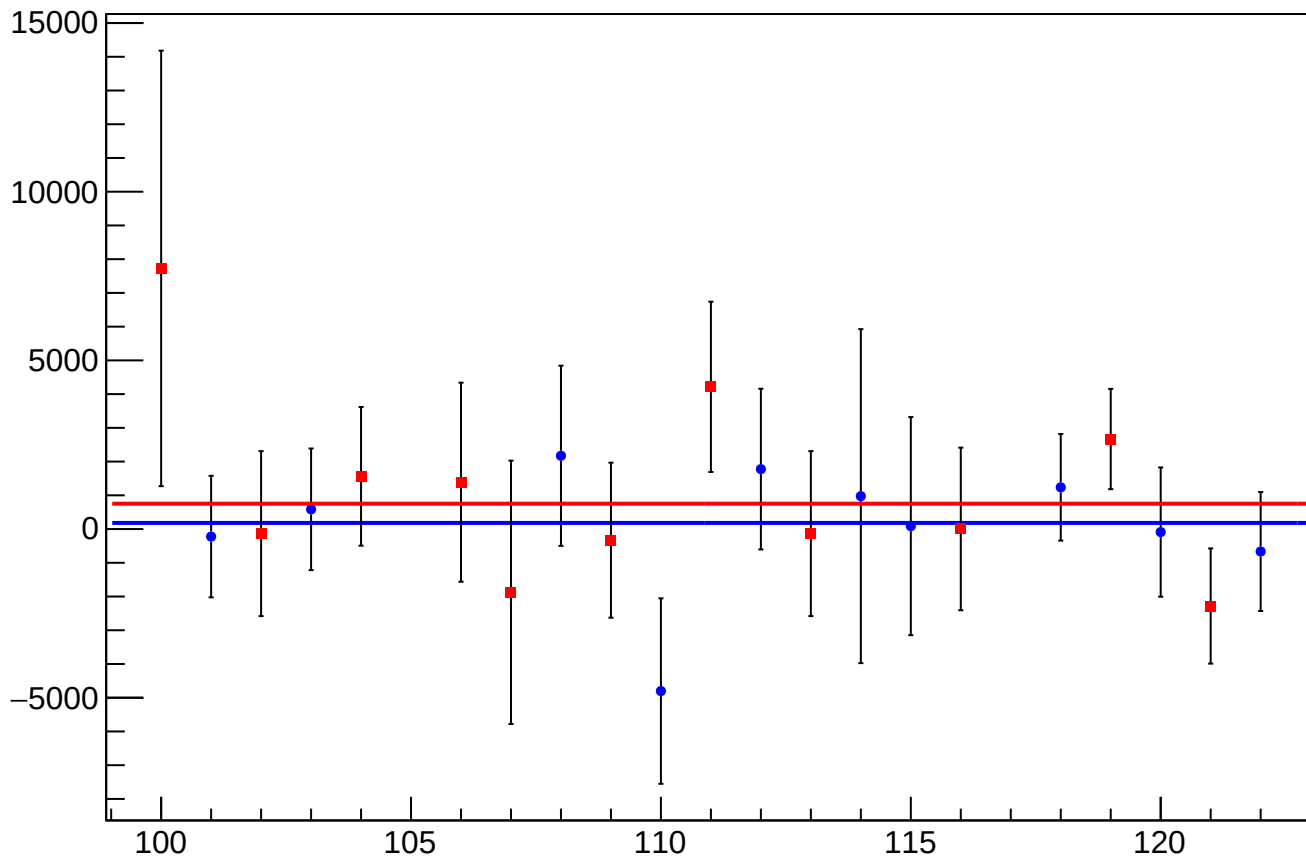
Right: 597.973+/-0.160 χ^2/NDF : 2307981.6/20

In: 602.743+/-0.231 χ^2/NDF : 1145633.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.973+/-0.160 χ^2/NDF : 2307981.6/20

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 181.658 $\pm$ 674.785 χ^2 /NDF: 5.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 751.622 $\pm$ 691.775 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

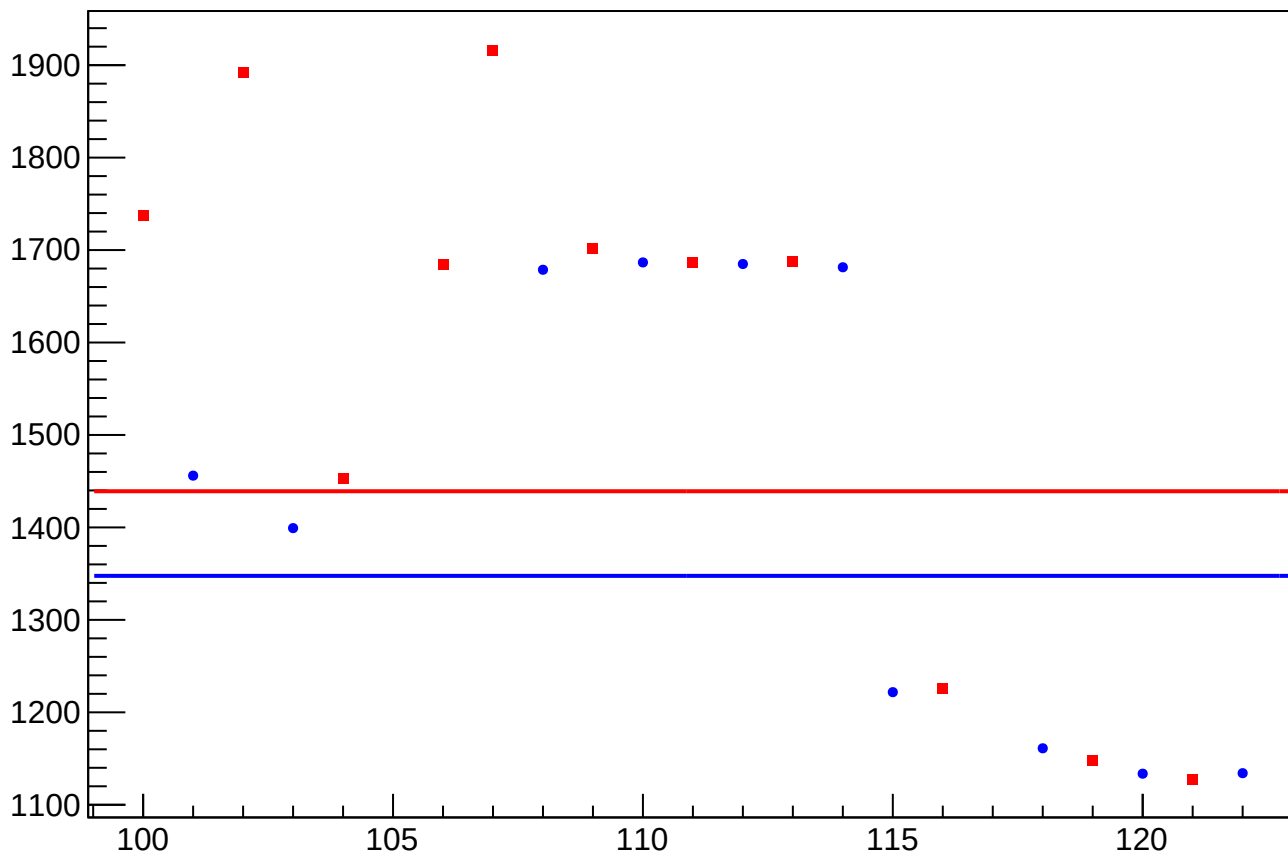
Right: 459.555 $\pm$ 483.040 χ^2 /NDF: 14.6/20

In: 181.658 $\pm$ 674.785 χ^2 /NDF:5.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 459.555 $\pm$ 483.040 χ^2 /NDF: 14.6/20

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1347.611+/-0.477 χ^2/NDF : 204432.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1439.130+/-0.489 χ^2/NDF : 341762.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

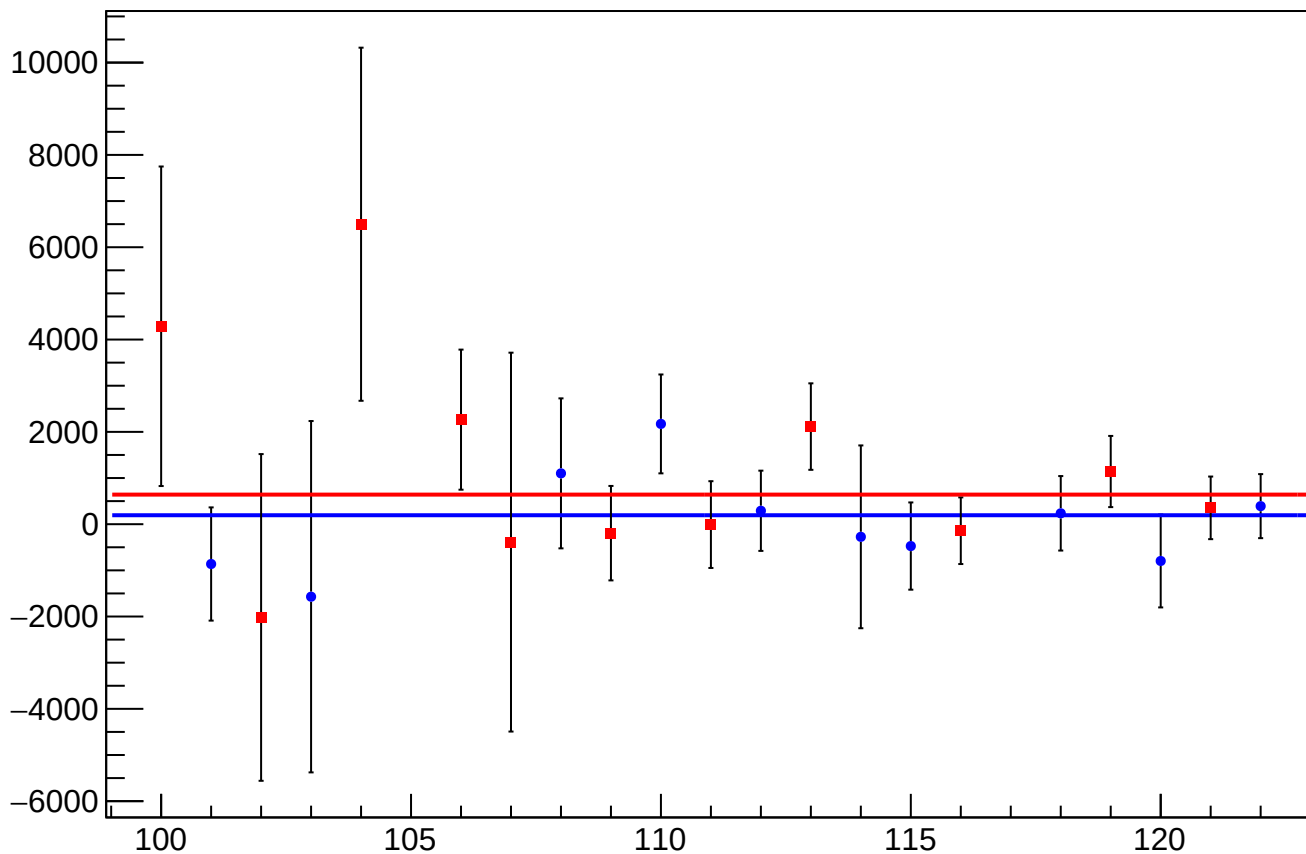
Right: 1392.233+/-0.342 χ^2/NDF : 564131.9/20

In: 1347.611+/-0.477 χ^2/NDF : 204432.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.233+/-0.342 χ^2/NDF : 564131.9/20

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 194.138+/-328.150 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 640.962+/-320.616 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

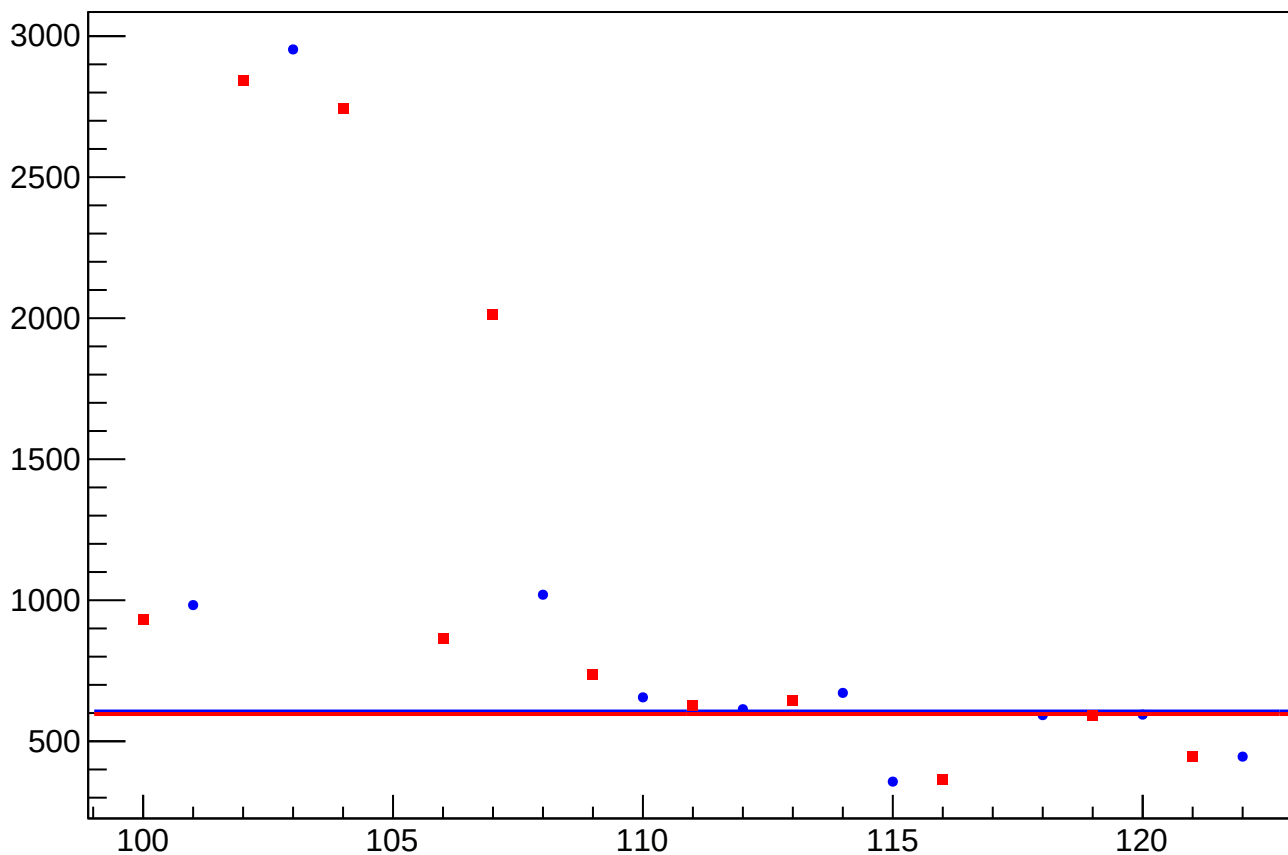
Right: 422.738+/-229.327 χ^2/NDF : 17.9/20

In: 194.138+/-328.150 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.738+/-229.327 χ^2/NDF : 17.9/20

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.486+/-0.232 χ^2/NDF : 1332366.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.600+/-0.227 χ^2/NDF : 2105052.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

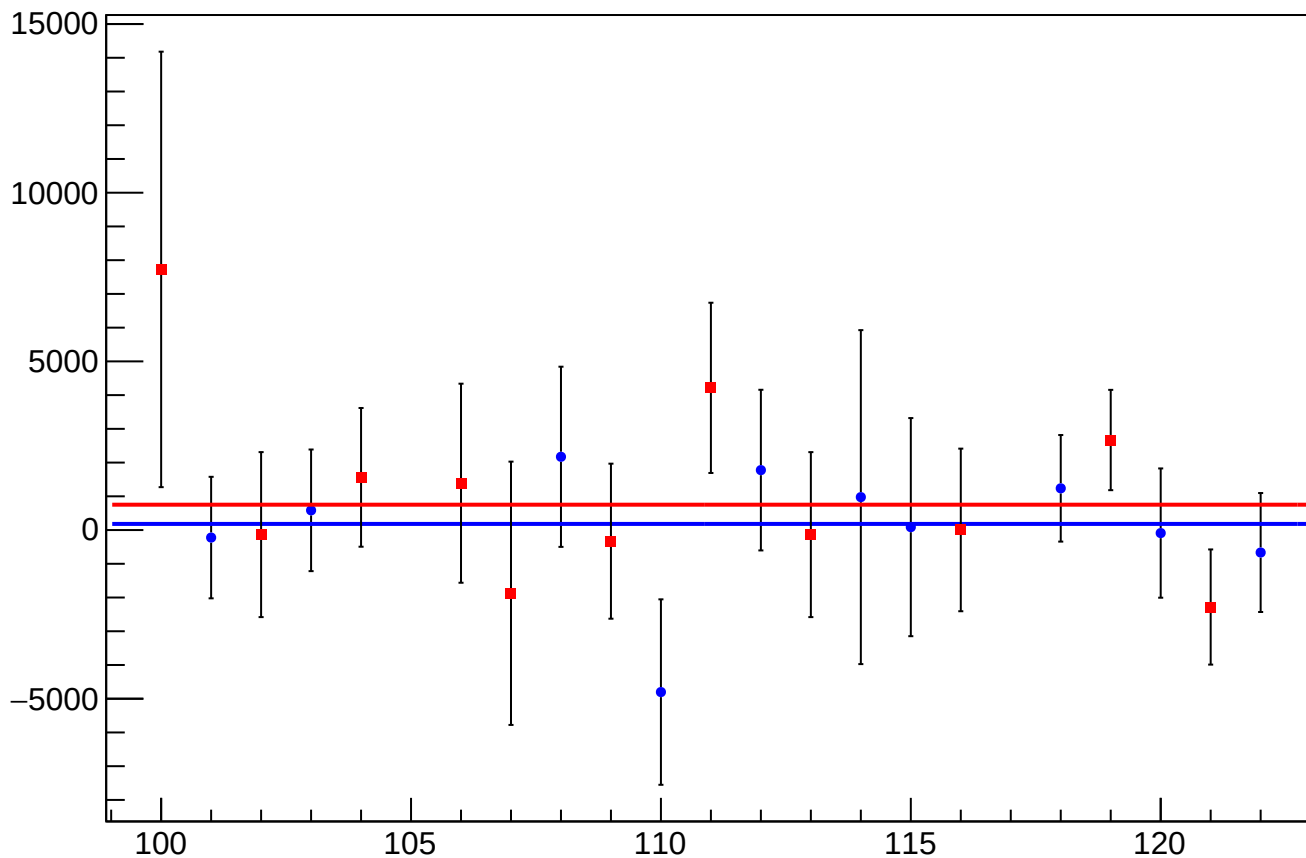
Right: 600.940+/-0.162 χ^2/NDF : 3438169.3/20

In: 605.486+/-0.232 χ^2/NDF : 1332366.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.940+/-0.162 χ^2/NDF : 3438169.3/20

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 181.659+/-674.785 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 751.622+/-691.775 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

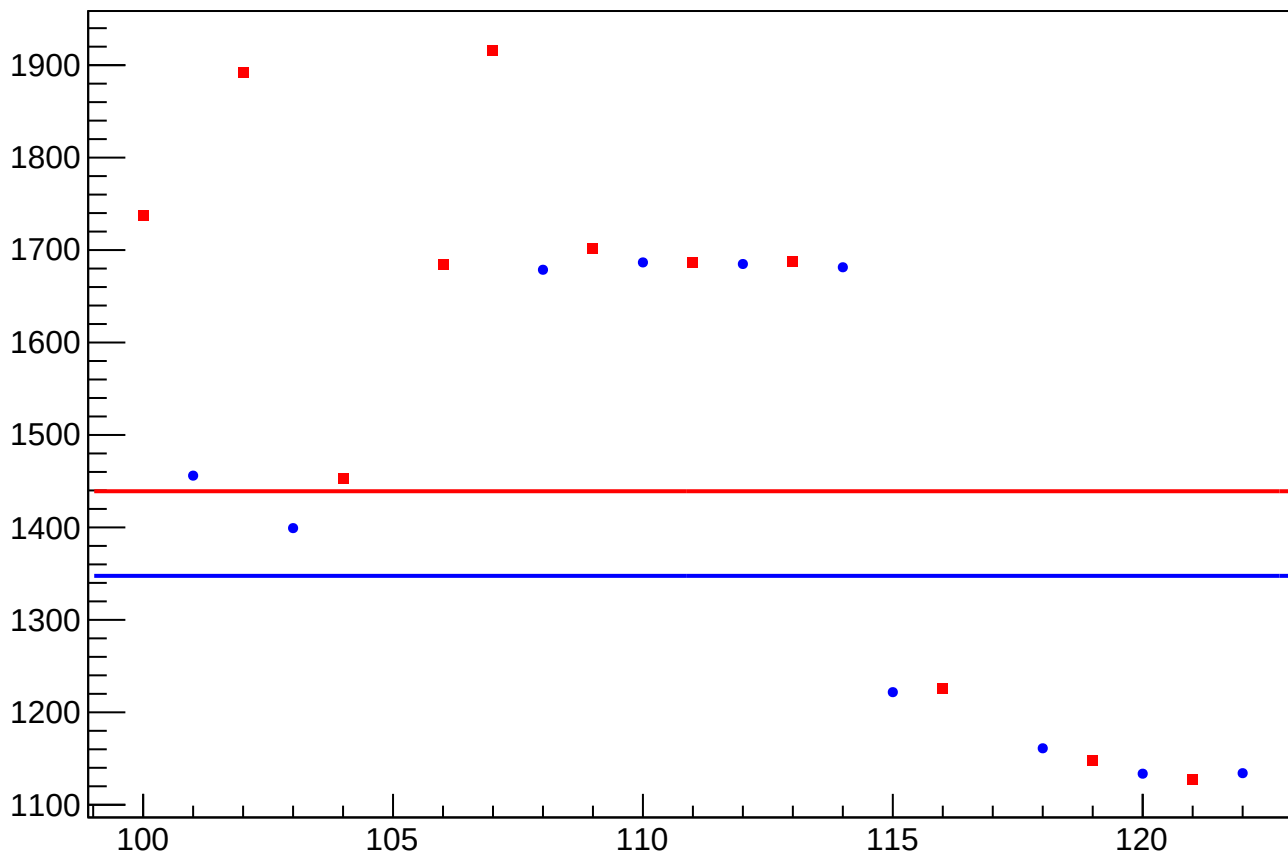
Right: 459.555+/-483.040 χ^2/NDF : 14.6/20

In: 181.659+/-674.785 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.555+/-483.040 χ^2/NDF : 14.6/20

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1347.611+/-0.477 χ^2/NDF : 204432.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1439.130+/-0.489 χ^2/NDF : 341762.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

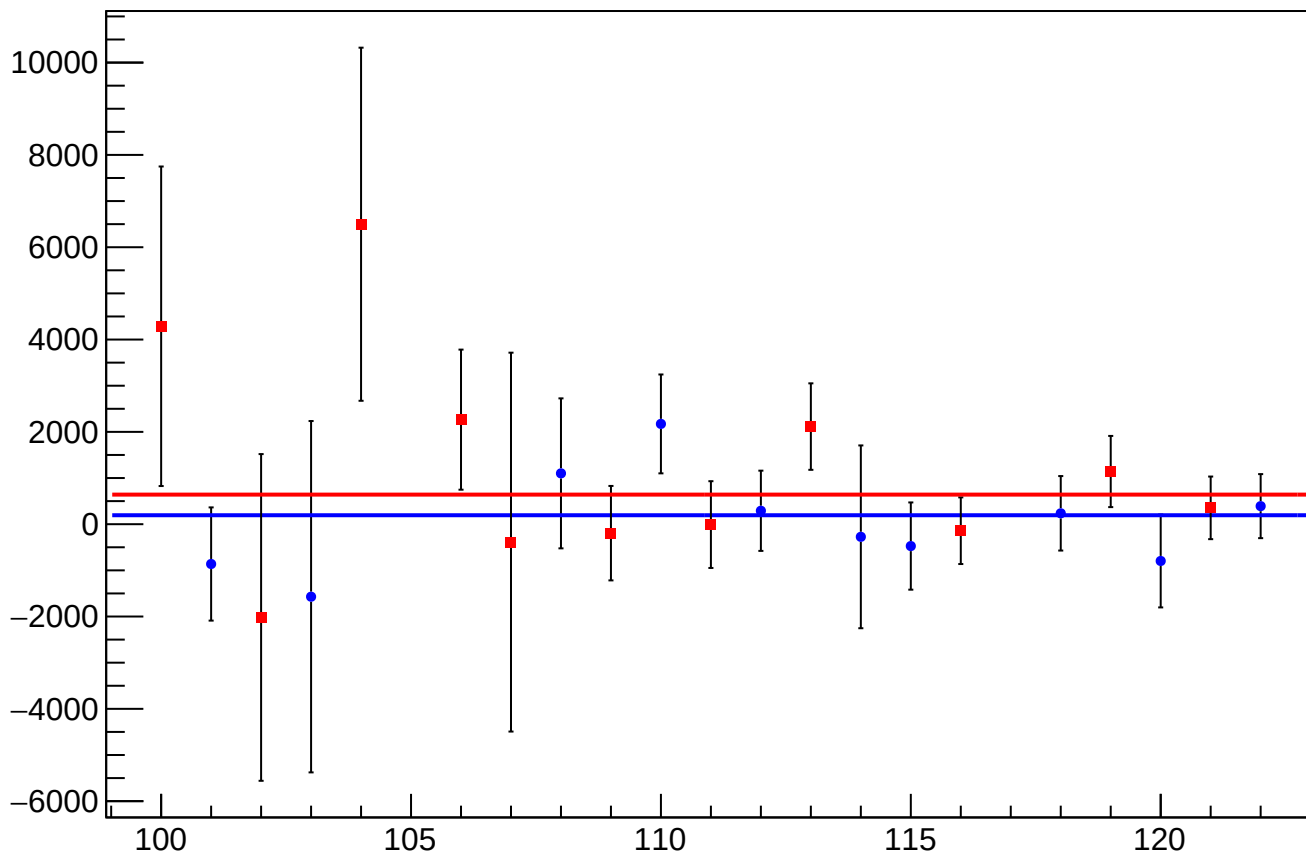
Right: 1392.233+/-0.342 χ^2/NDF : 564131.6/20

In: 1347.611+/-0.477 χ^2/NDF :204432.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1392.233+/-0.342 χ^2/NDF : 564131.6/20

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 194.138+/-328.150 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 640.961+/-320.616 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

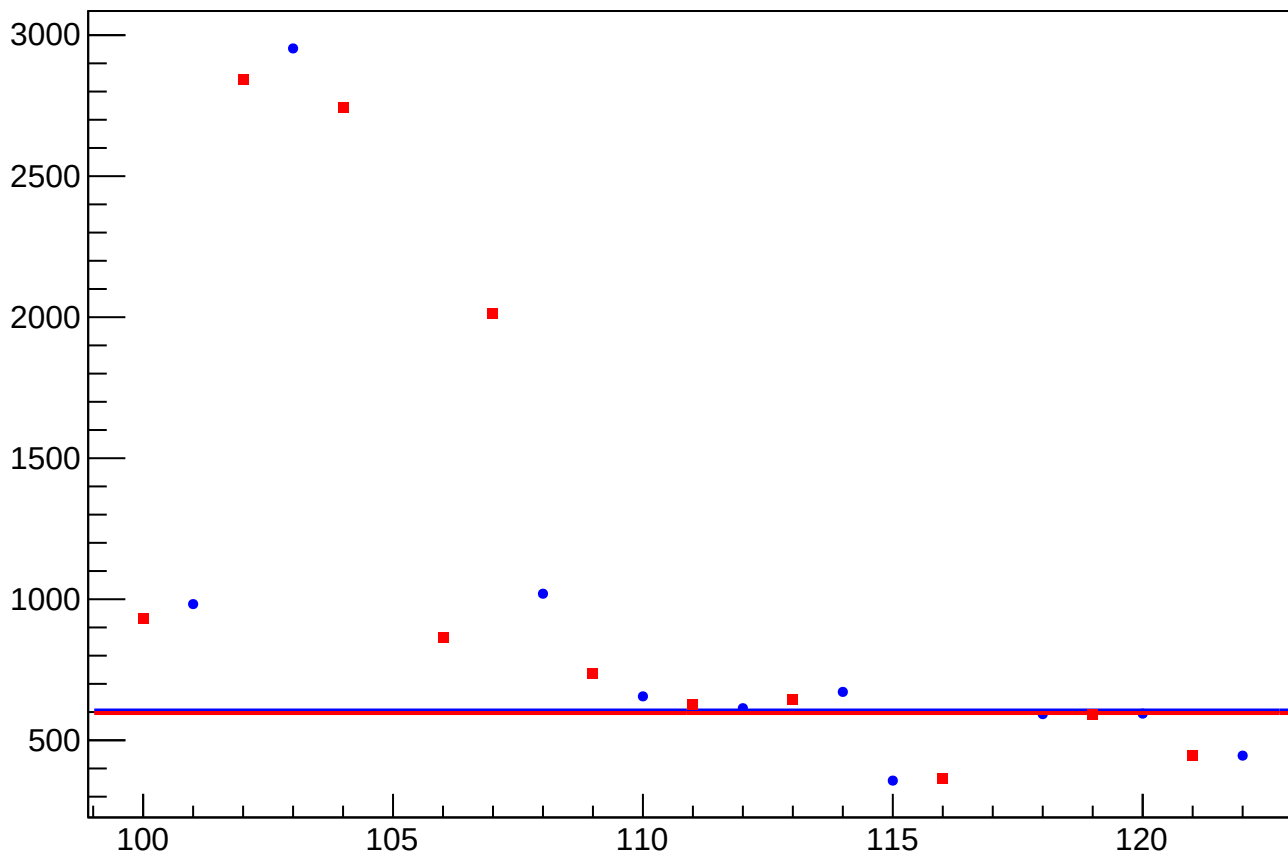
Right: 422.738+/-229.327 χ^2/NDF : 17.9/20

In: 194.138+/-328.150 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.738+/-229.327 χ^2/NDF : 17.9/20

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.486+/-0.232 χ^2/NDF : 1332365.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.599+/-0.227 χ^2/NDF : 2105054.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

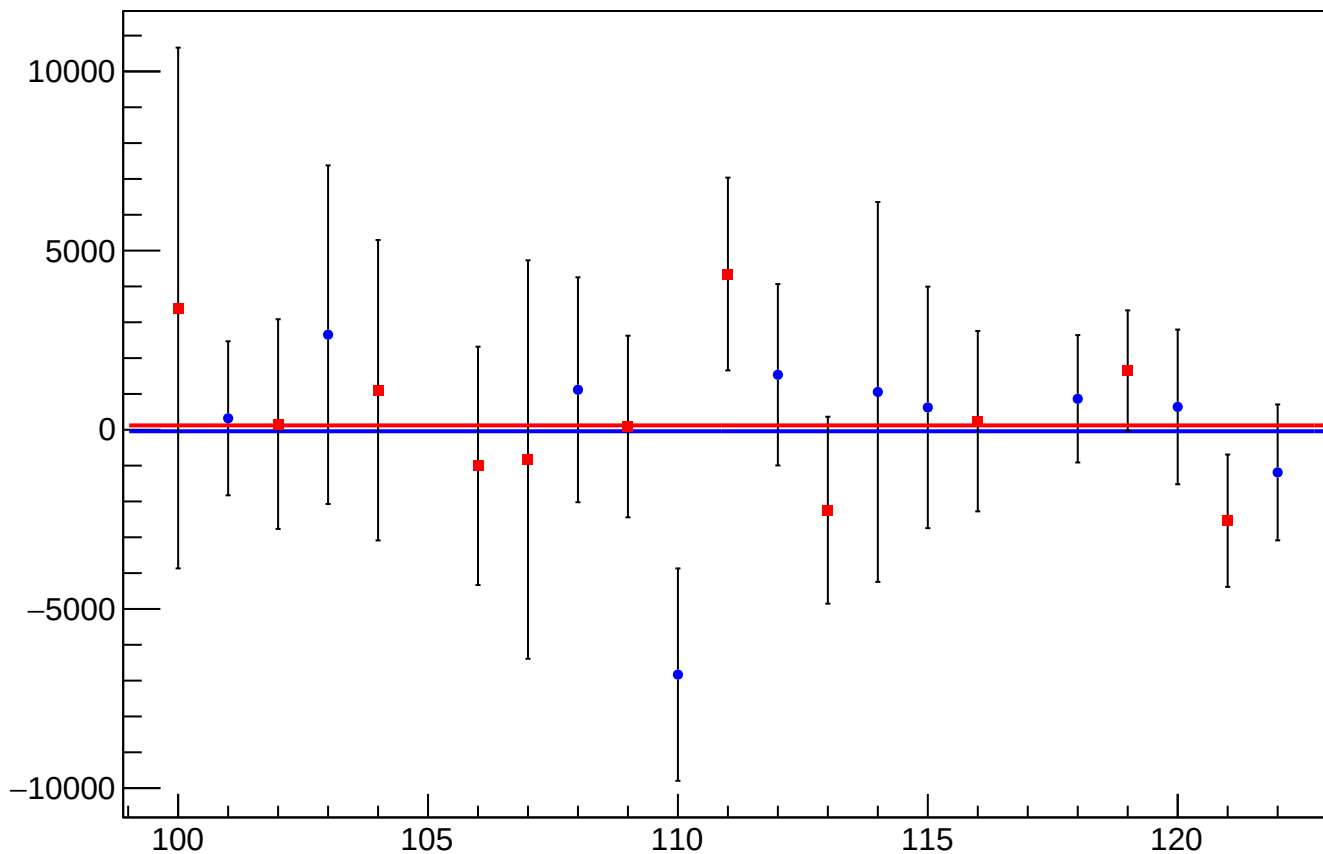
Right: 600.939+/-0.162 χ^2/NDF : 3438170.1/20

In: 605.486+/-0.232 χ^2/NDF : 1332365.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.939+/-0.162 χ^2/NDF : 3438170.1/20

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -41.160 ± 799.167 χ^2/NDF : 6.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 122.313 ± 800.167 χ^2/NDF : 6.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

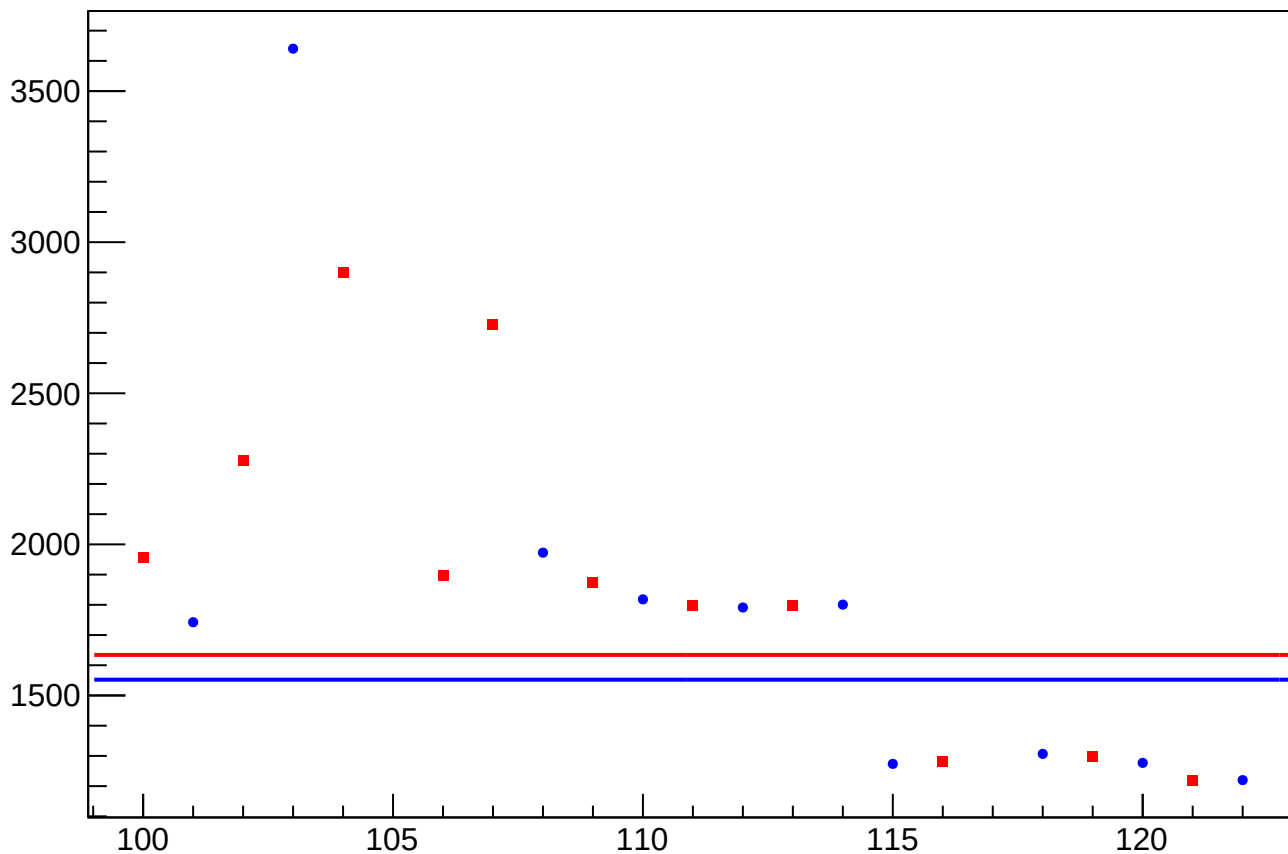
Right: 40.474 ± 565.450 χ^2/NDF : 13.6/20

In: -41.160 ± 799.167 χ^2/NDF : 6.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 40.474 ± 565.450 χ^2/NDF : 13.6/20

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1552.268+/-0.565 χ^2/NDF : 626257.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1634.164+/-0.566 χ^2/NDF : 627619.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

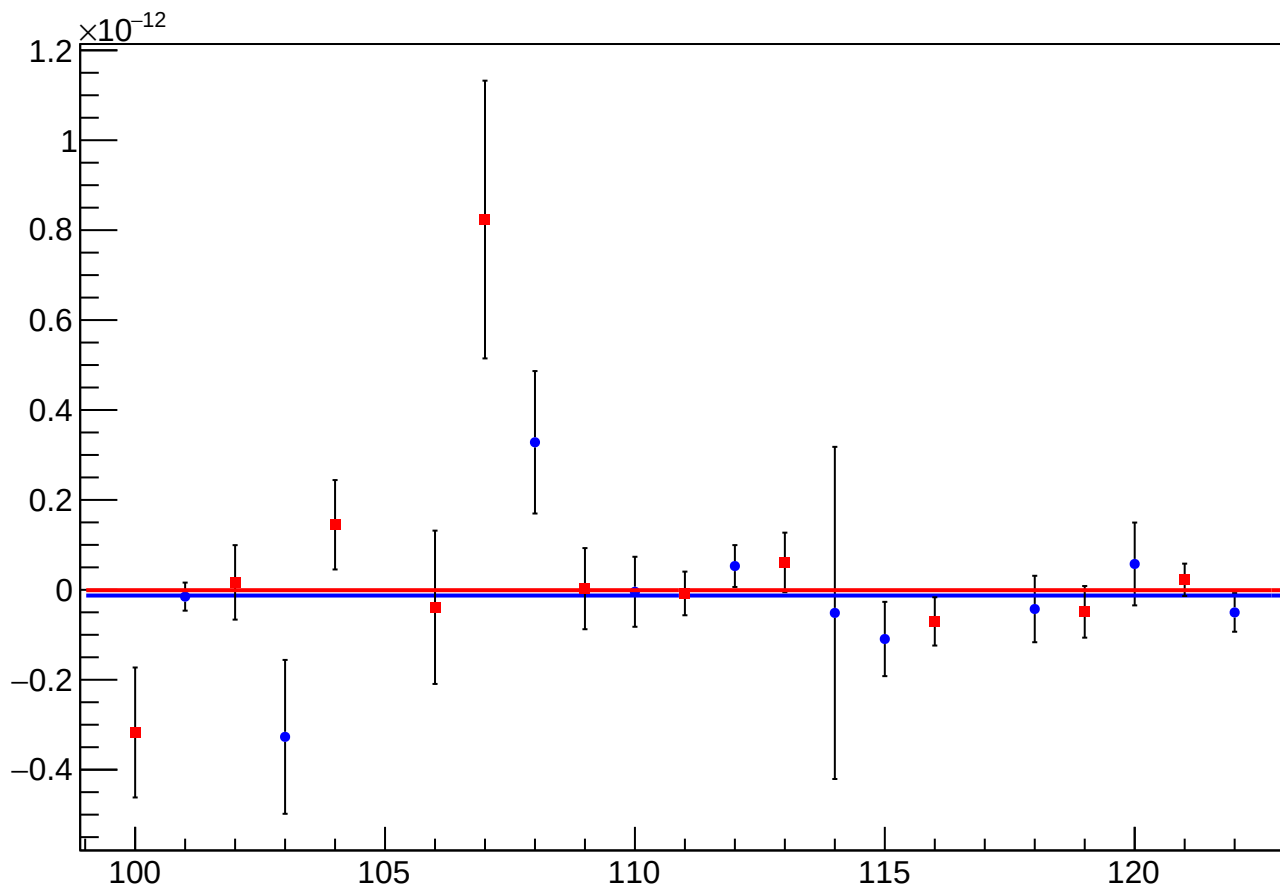
Right: 1593.165+/-0.400 χ^2/NDF : 1264365.1/20

In: 1552.268+/-0.565 χ^2/NDF : 626257.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.165+/-0.400 χ^2/NDF : 1264365.1/20

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

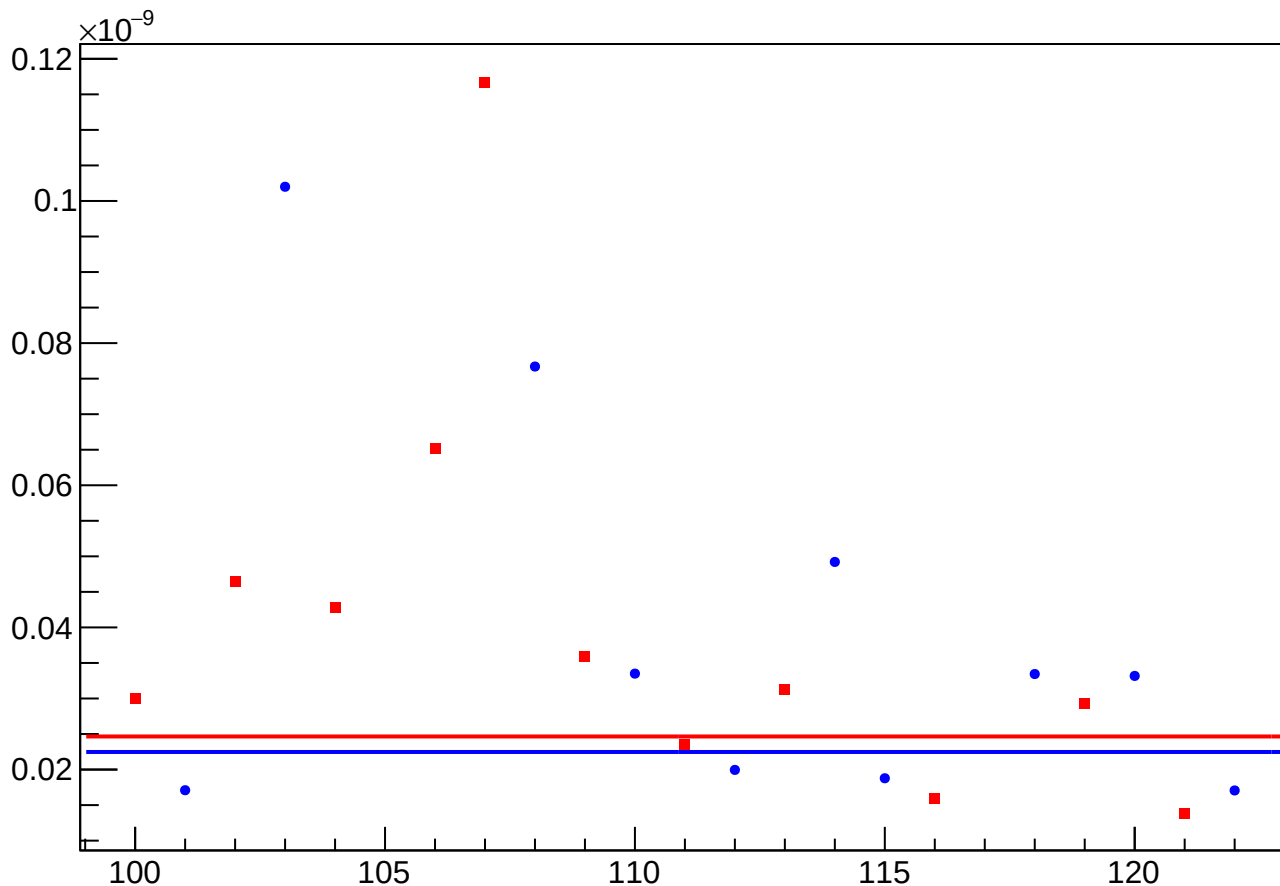
Right: -0.000+/-0.000 χ^2/NDF : 30.9/20

In: -0.000+/-0.000 χ^2/NDF : 12.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.9/20

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 889103.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 798304.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

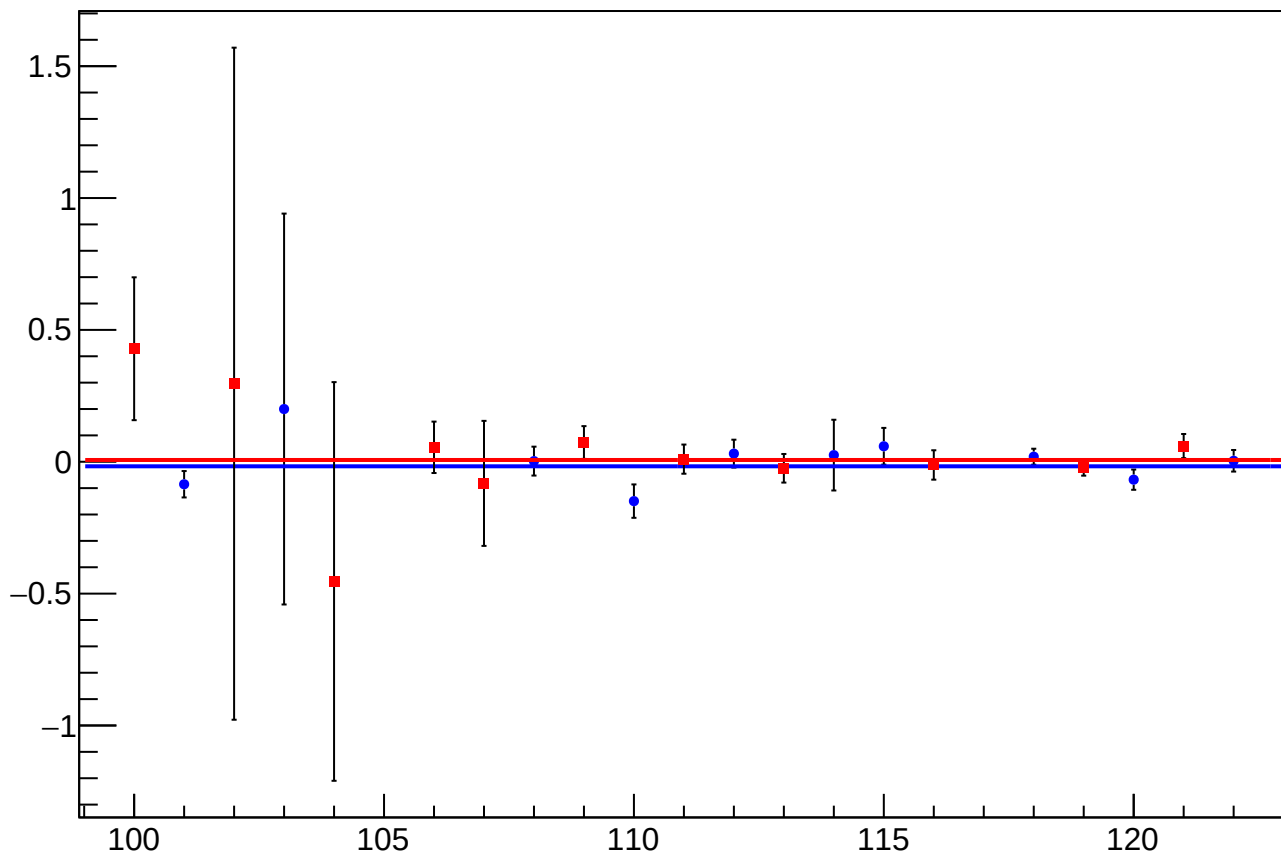
Right: 0.000+/-0.000 χ^2/NDF : 1699902.1/20

In: 0.000+/-0.000 χ^2/NDF :889103.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1699902.1/20

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.016 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.018 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

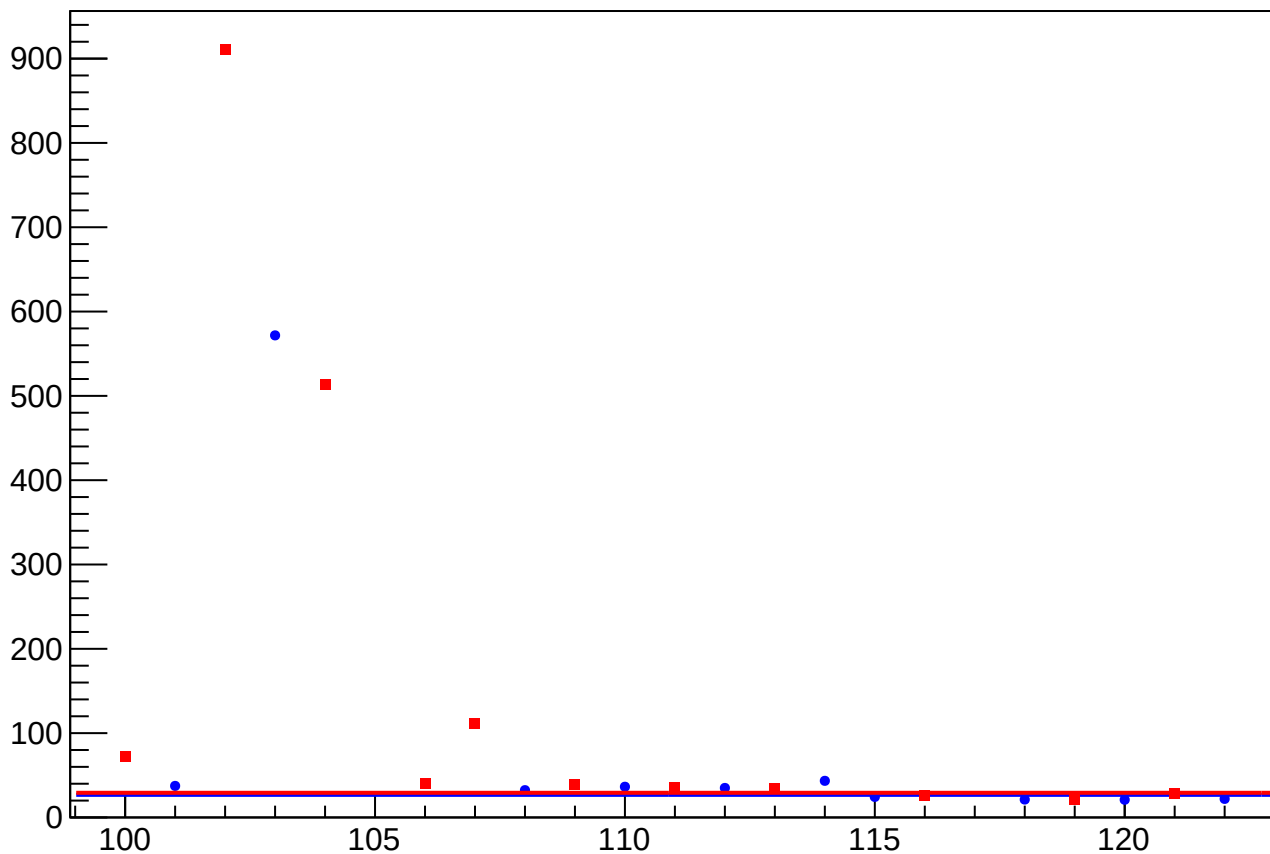
Right: -0.007+/-0.012 χ^2/NDF : 20.2/20

In: -0.017+/-0.016 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.012 χ^2/NDF : 20.2/20

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.805+/-0.011 χ^2/NDF : 1459528.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.254+/-0.013 χ^2/NDF : 2357996.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

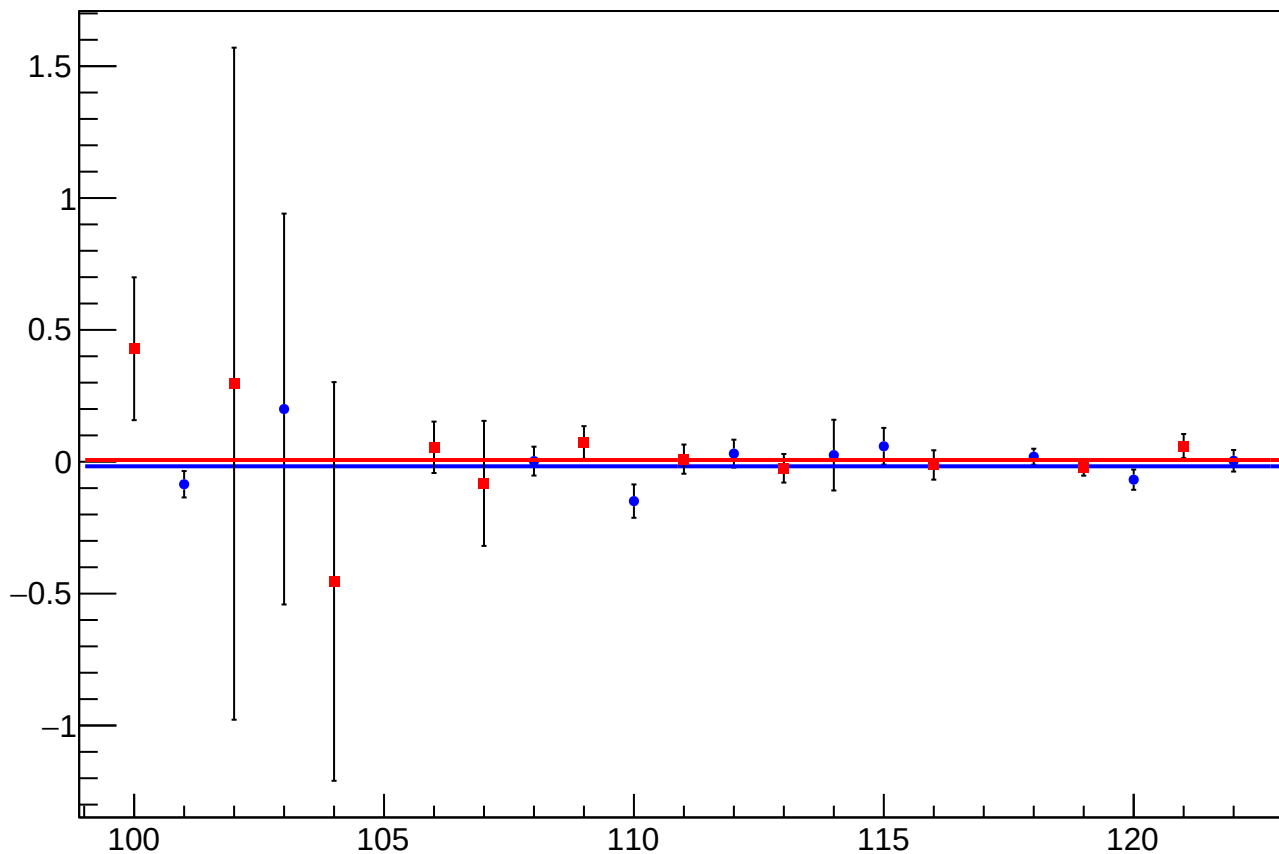
Right: 27.866+/-0.008 χ^2/NDF : 3838151.1/20

In: 26.805+/-0.011 χ^2/NDF :1459528.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.866+/-0.008 χ^2/NDF : 3838151.1/20

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.016 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.018 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

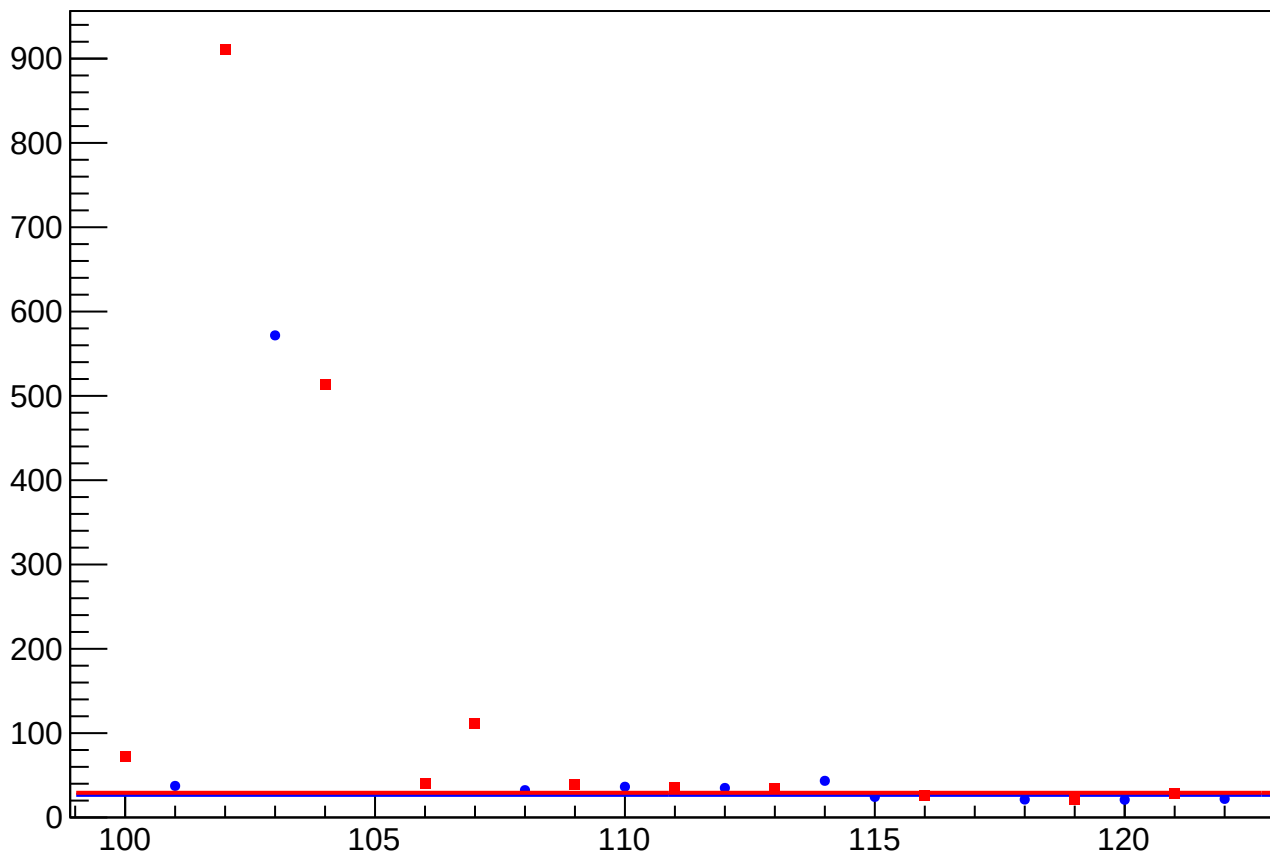
Right: -0.007+/-0.012 χ^2/NDF : 20.2/20

In: -0.017+/-0.016 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.012 χ^2/NDF : 20.2/20

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.805+/-0.011 χ^2/NDF : 1459528.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.254+/-0.013 χ^2/NDF : 2357996.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

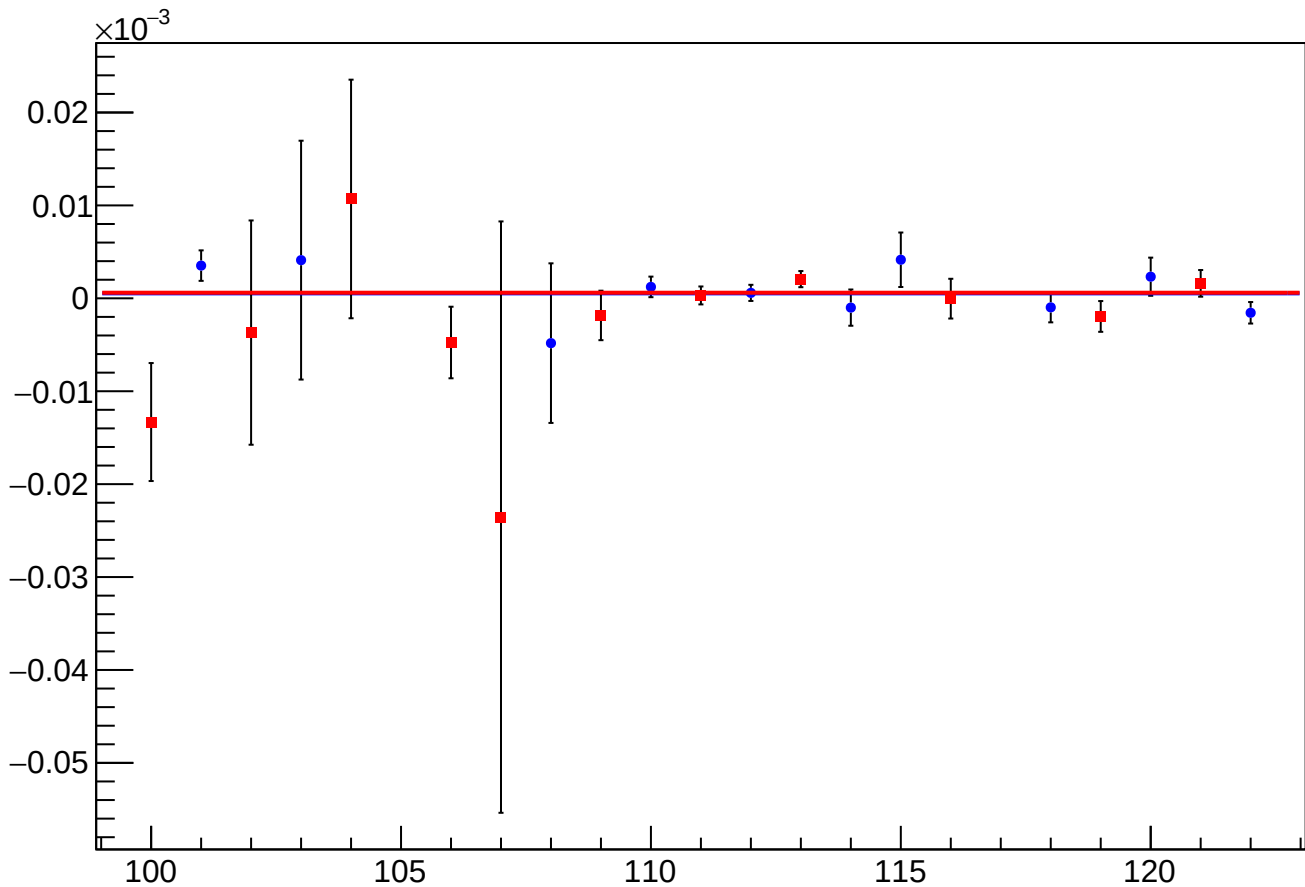
Right: 27.866+/-0.008 χ^2/NDF : 3838151.1/20

In: 26.805+/-0.011 χ^2/NDF :1459528.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.866+/-0.008 χ^2/NDF : 3838151.1/20

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.2/9

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

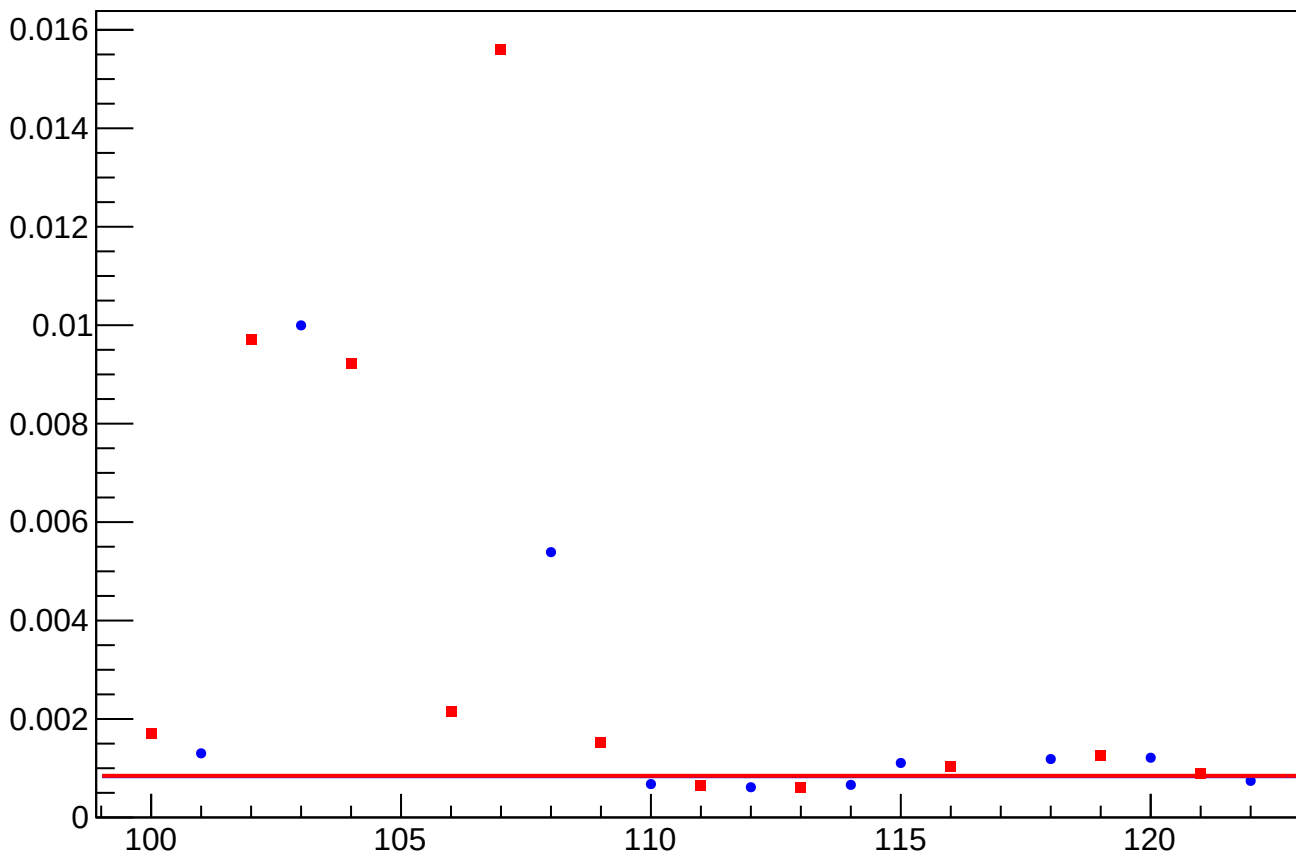
Right: 0.000+/-0.000 χ^2/NDF : 26.0/20

In: 0.000+/-0.000 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.0/20

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2118846.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3148206.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

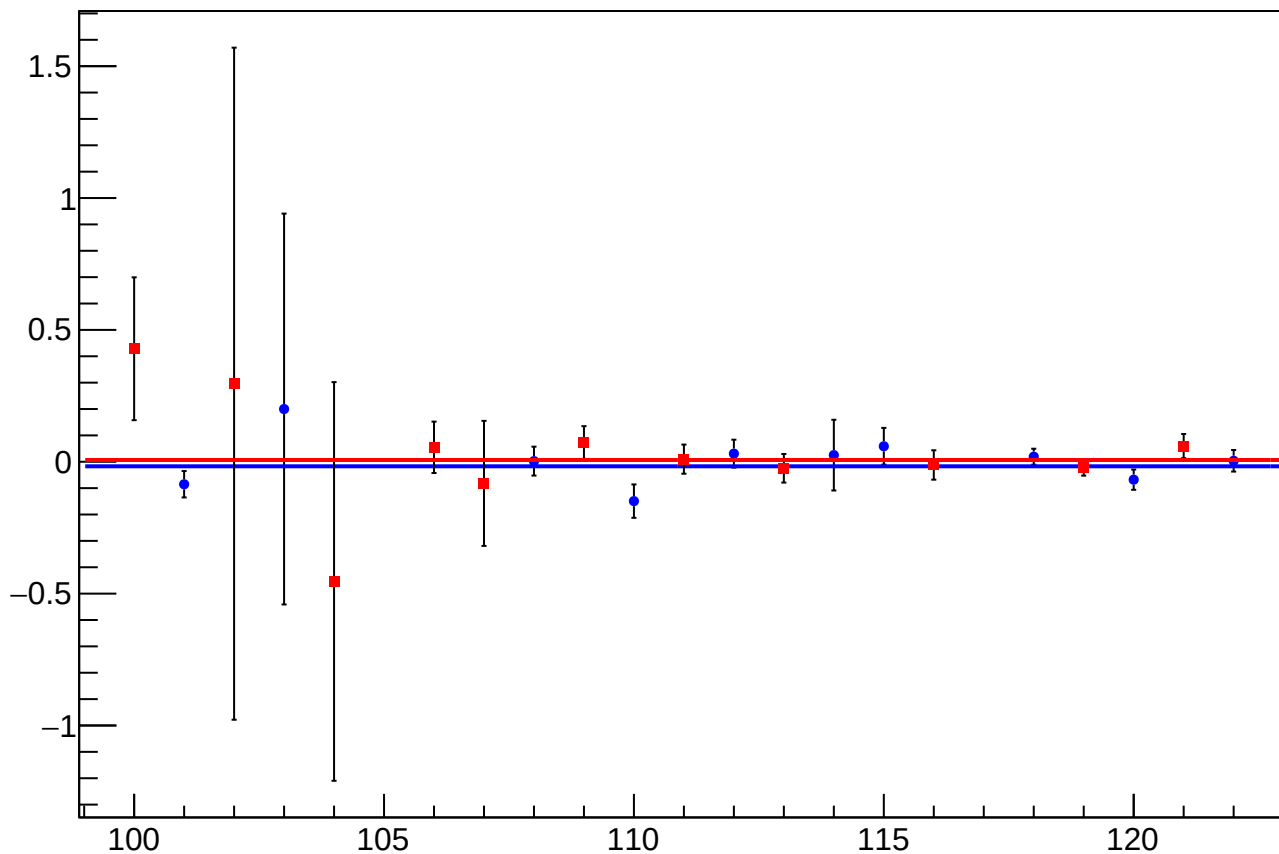
Right: 0.001+/-0.000 χ^2/NDF : 5267322.4/20

In: 0.001+/-0.000 χ^2/NDF :2118846.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5267322.4/20

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.016 χ^2 /NDF: 12.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.018 χ^2 /NDF: 7.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

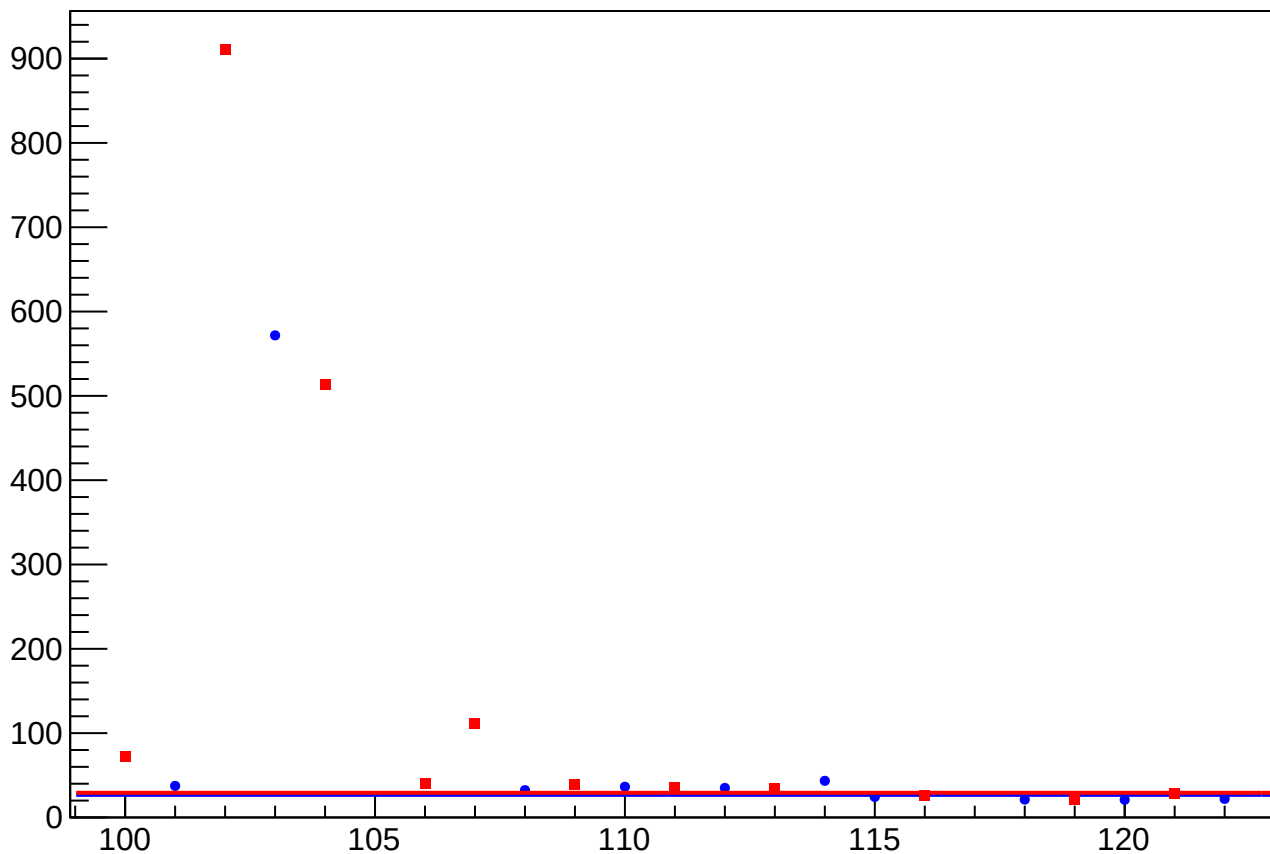
Right: -0.007 $\pm$ 0.012 χ^2 /NDF: 20.2/20

In: -0.017 $\pm$ 0.016 χ^2 /NDF:12.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.012 χ^2 /NDF: 20.2/20

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.805+/-0.011 χ^2/NDF : 1459531.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.254+/-0.013 χ^2/NDF : 2358019.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

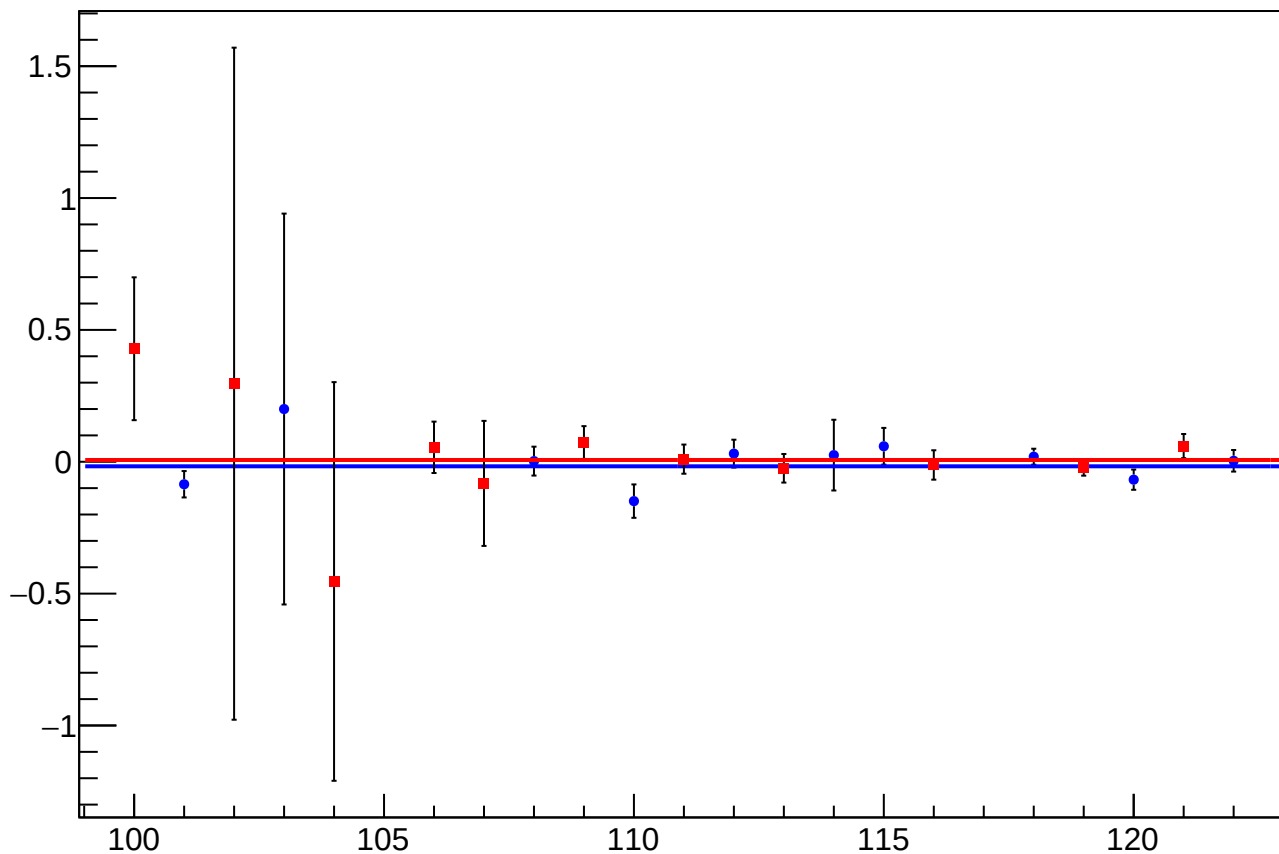
Right: 27.866+/-0.008 χ^2/NDF : 3838175.5/20

In: 26.805+/-0.011 χ^2/NDF :1459531.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.866+/-0.008 χ^2/NDF : 3838175.5/20

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.016 χ^2/NDF : 12.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.018 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

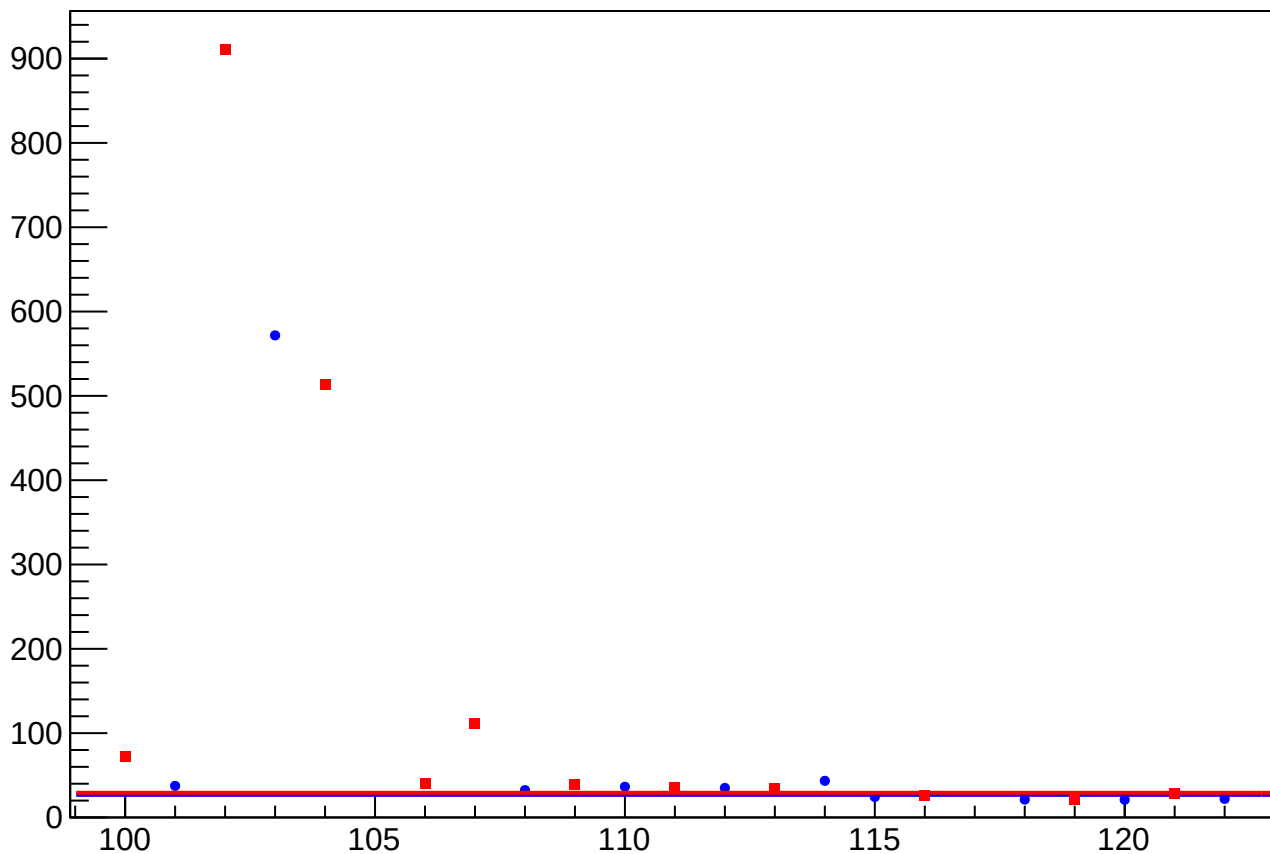
Right: -0.007+/-0.012 χ^2/NDF : 20.2/20

In: -0.017+/-0.016 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.012 χ^2/NDF : 20.2/20

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.805+/-0.011 χ^2/NDF : 1459531.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.254+/-0.013 χ^2/NDF : 2358019.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

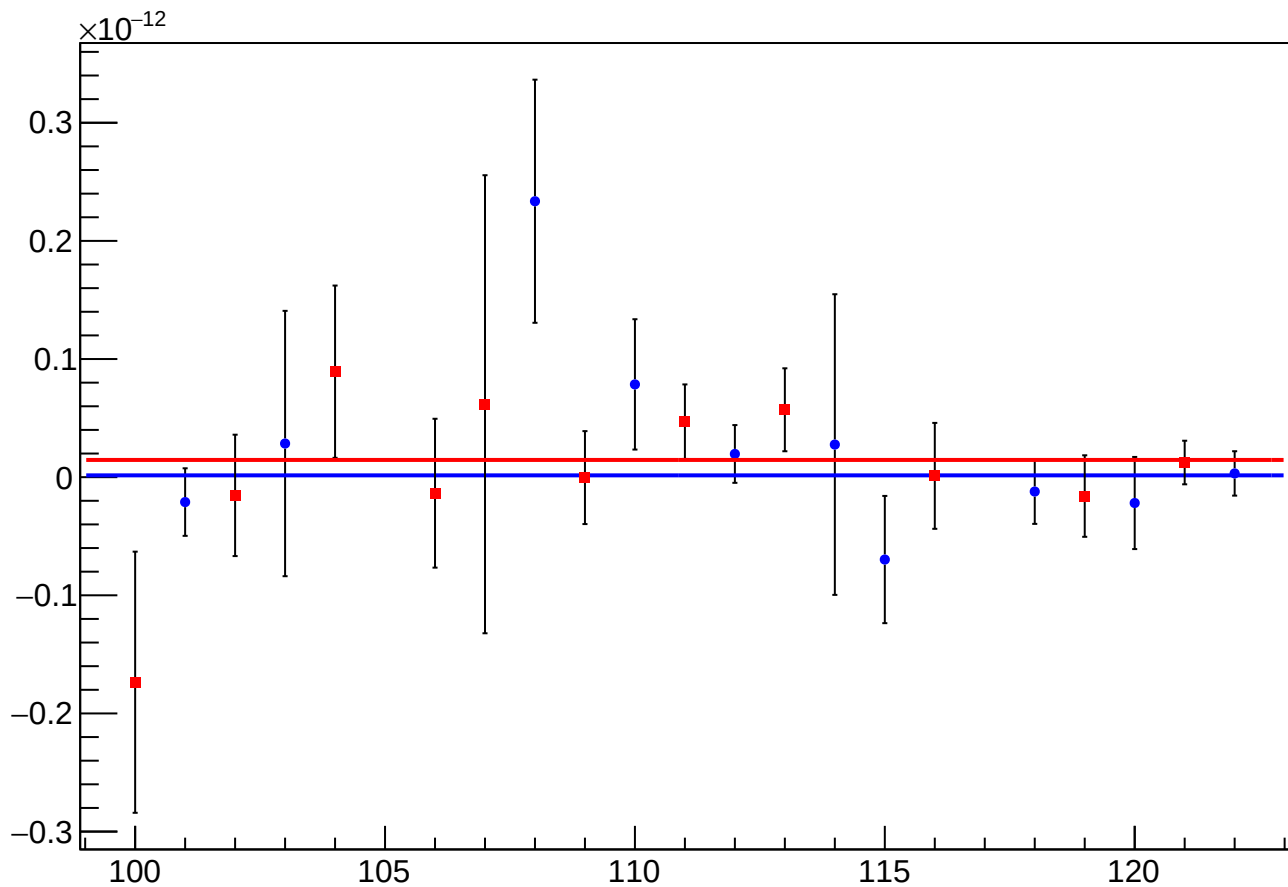
Right: 27.866+/-0.008 χ^2/NDF : 3838175.5/20

In: 26.805+/-0.011 χ^2/NDF :1459531.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.866+/-0.008 χ^2/NDF : 3838175.5/20

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.7/9

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

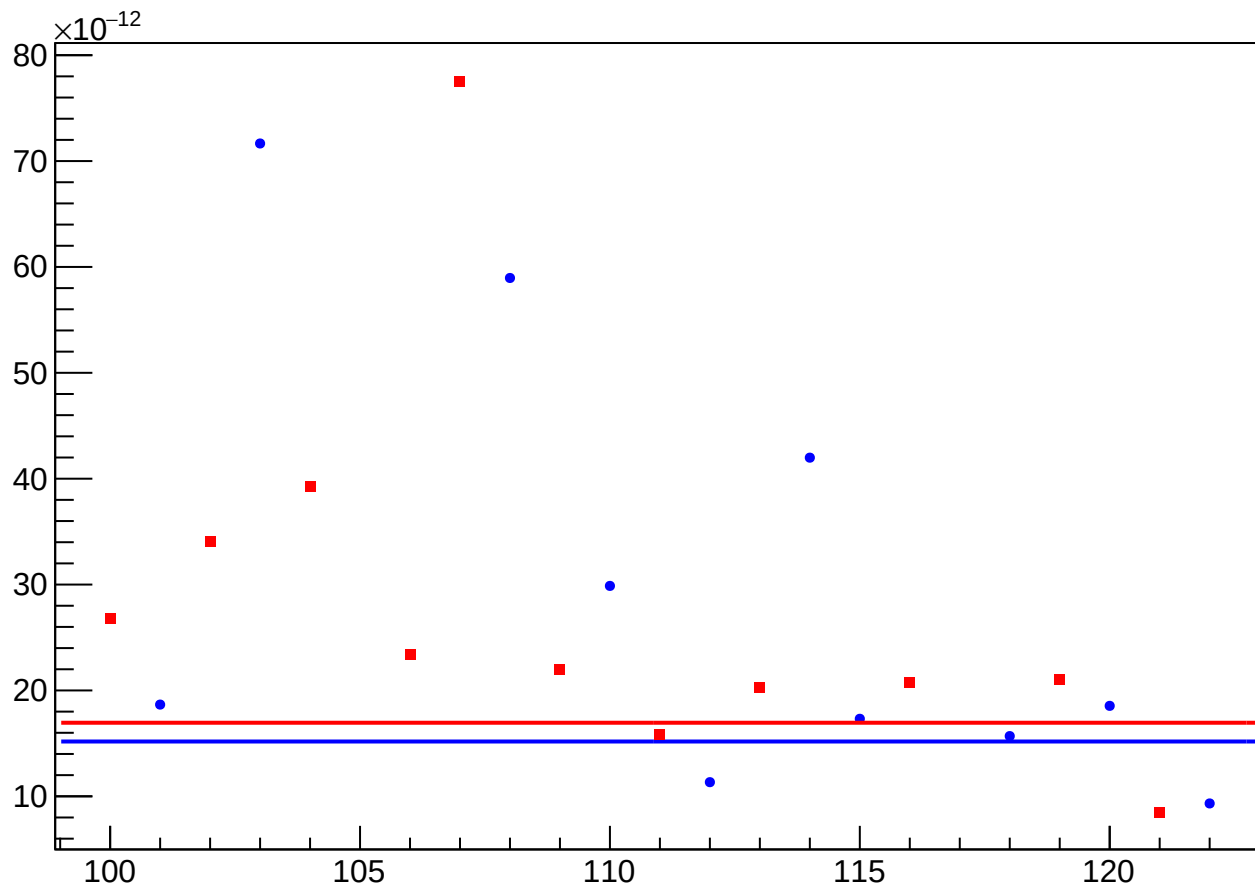
Right: 0.000+/-0.000 χ^2/NDF : 19.5/20

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 : 19.5/20

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1390469.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1161285.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

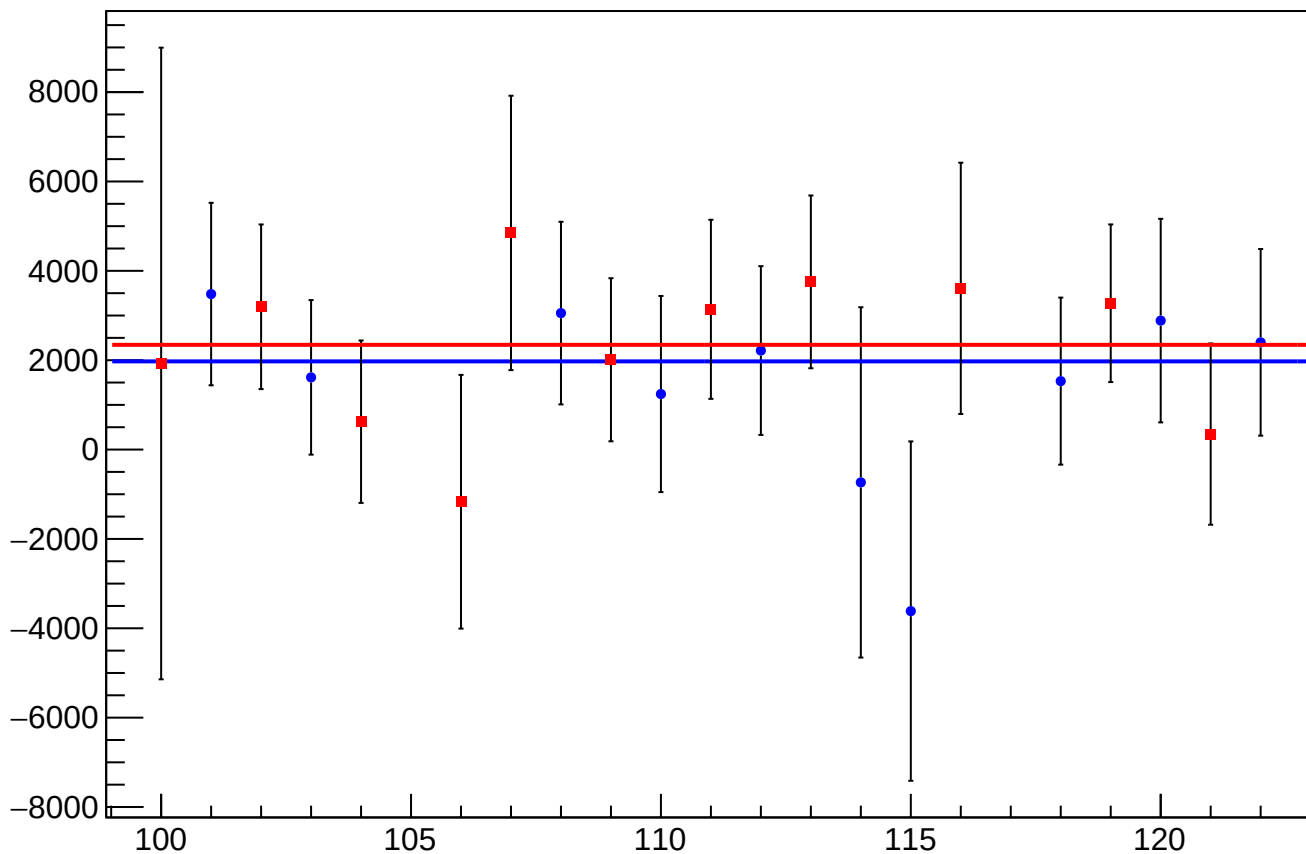
Right: 0.000+/-0.000 χ^2/NDF : 2577249.5/20

In: 0.000+/-0.000 χ^2/NDF :1390469.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2577249.5/20

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1973.678+/-682.936 χ^2/NDF : 3.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2344.039+/-651.658 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

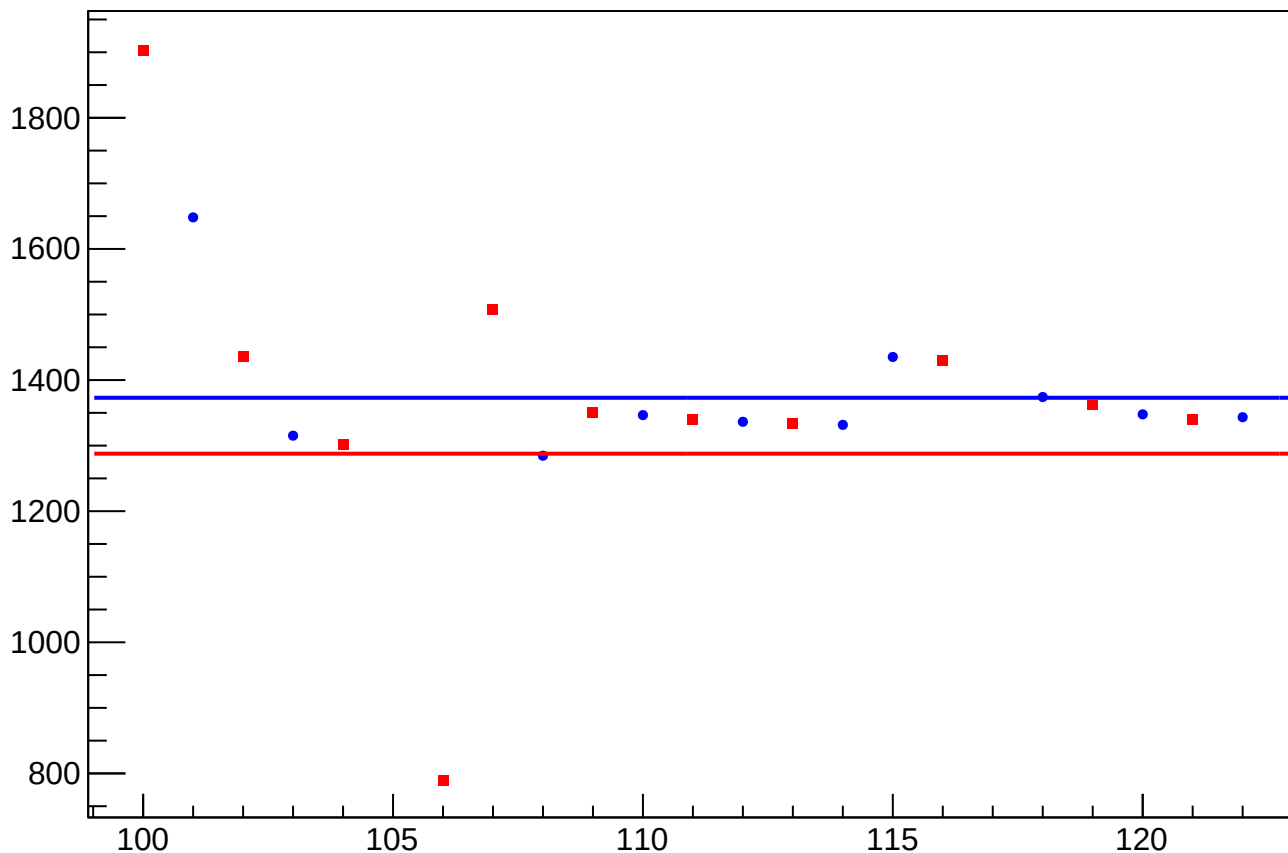
Right: 2167.533+/-471.462 χ^2/NDF : 9.5/20

In: 1973.678+/-682.936 χ^2/NDF : 3.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2167.533+/-471.462 χ^2/NDF : 9.5/20

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1372.995+/-0.483 χ^2/NDF : 44733.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1287.697+/-0.439 χ^2/NDF : 235388.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

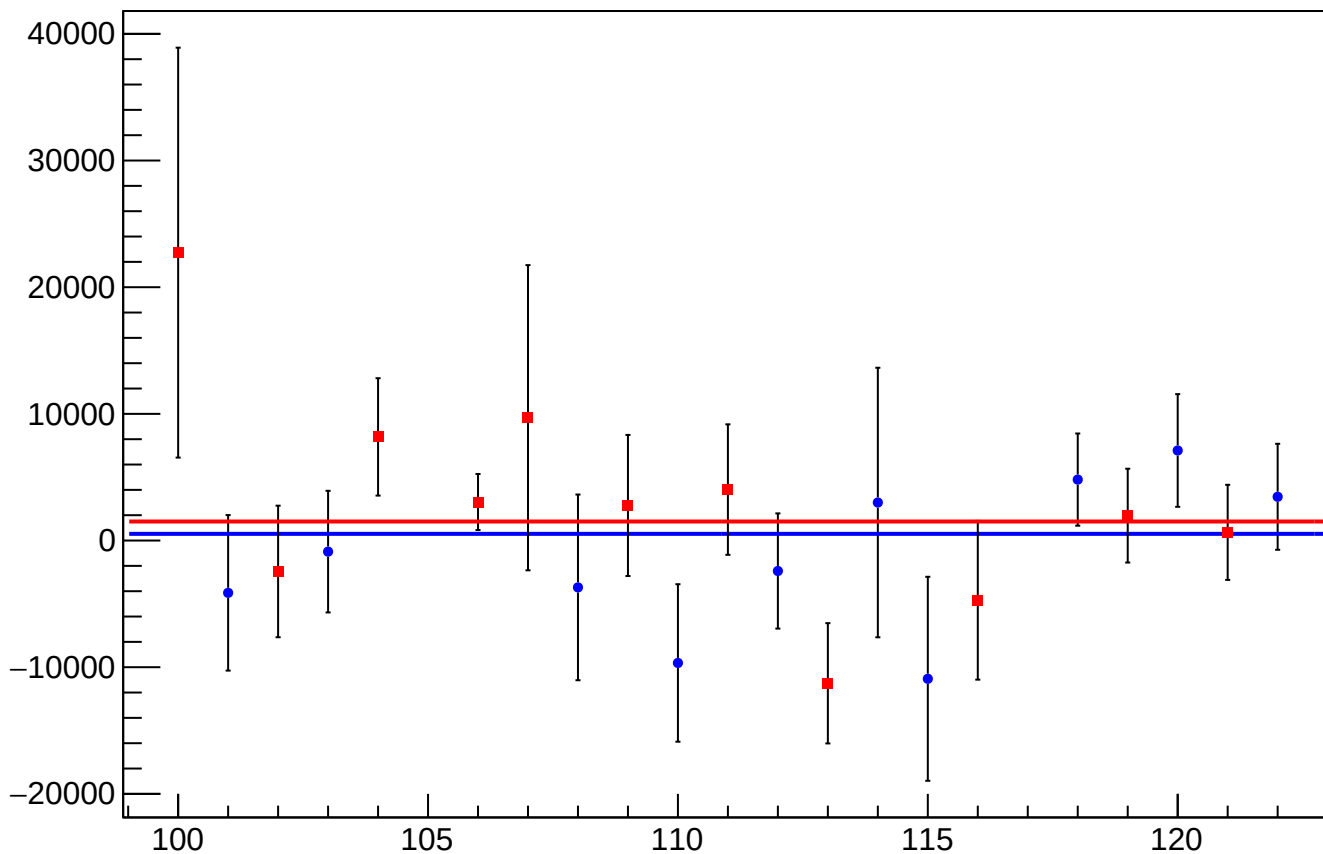
Right: 1326.264+/-0.325 χ^2/NDF : 297215.0/20

In: 1372.995+/-0.483 χ^2/NDF :44733.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1326.264+/-0.325 χ^2/NDF : 297215.0/20

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 527.891+/-1643.518 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1502.547+/-1310.836 χ^2/NDF : 13.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

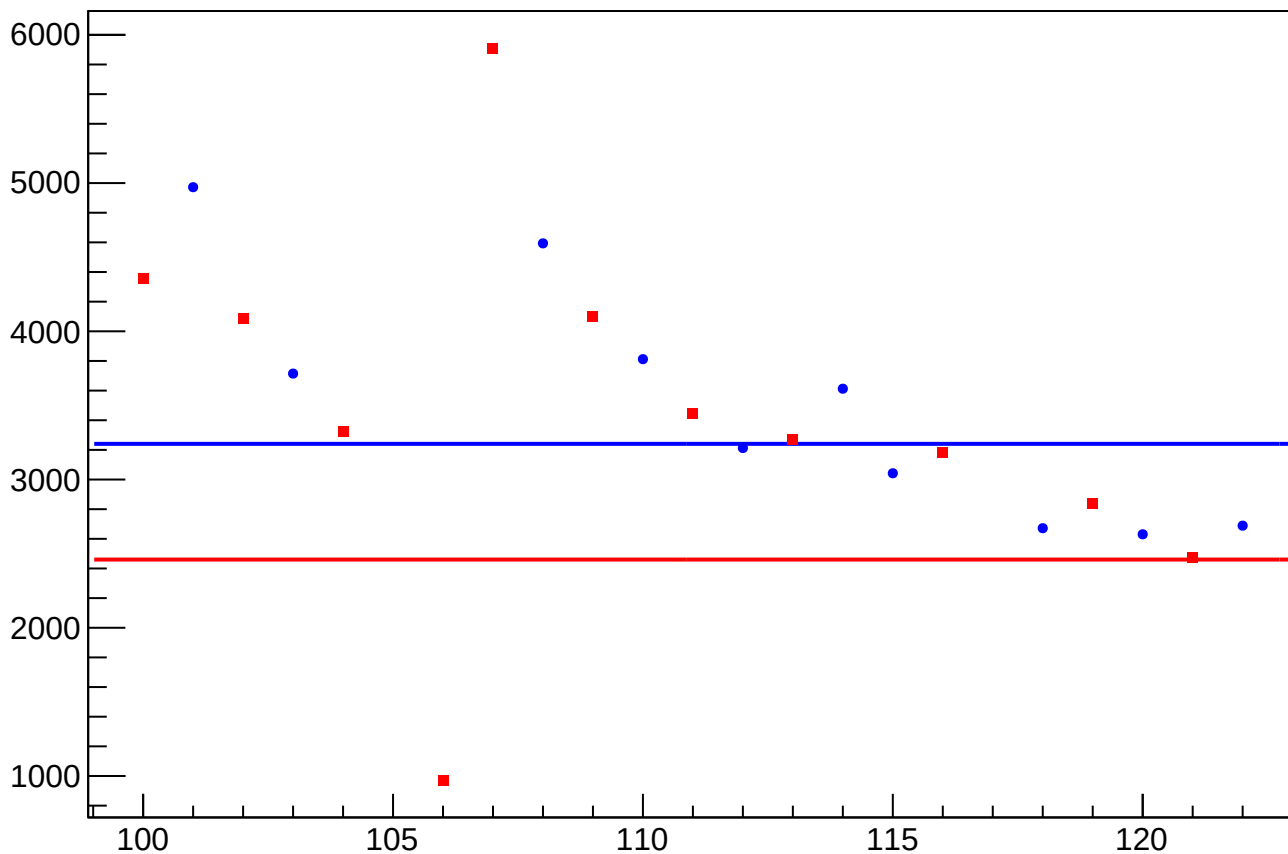
Right: 1123.598+/-1024.800 χ^2/NDF : 24.3/20

In: 527.891+/-1643.518 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.598+/-1024.800 χ^2/NDF : 24.3/20

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3240.738+/-1.162 χ^2/NDF : 388647.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2460.204+/-0.927 χ^2/NDF : 1714809.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

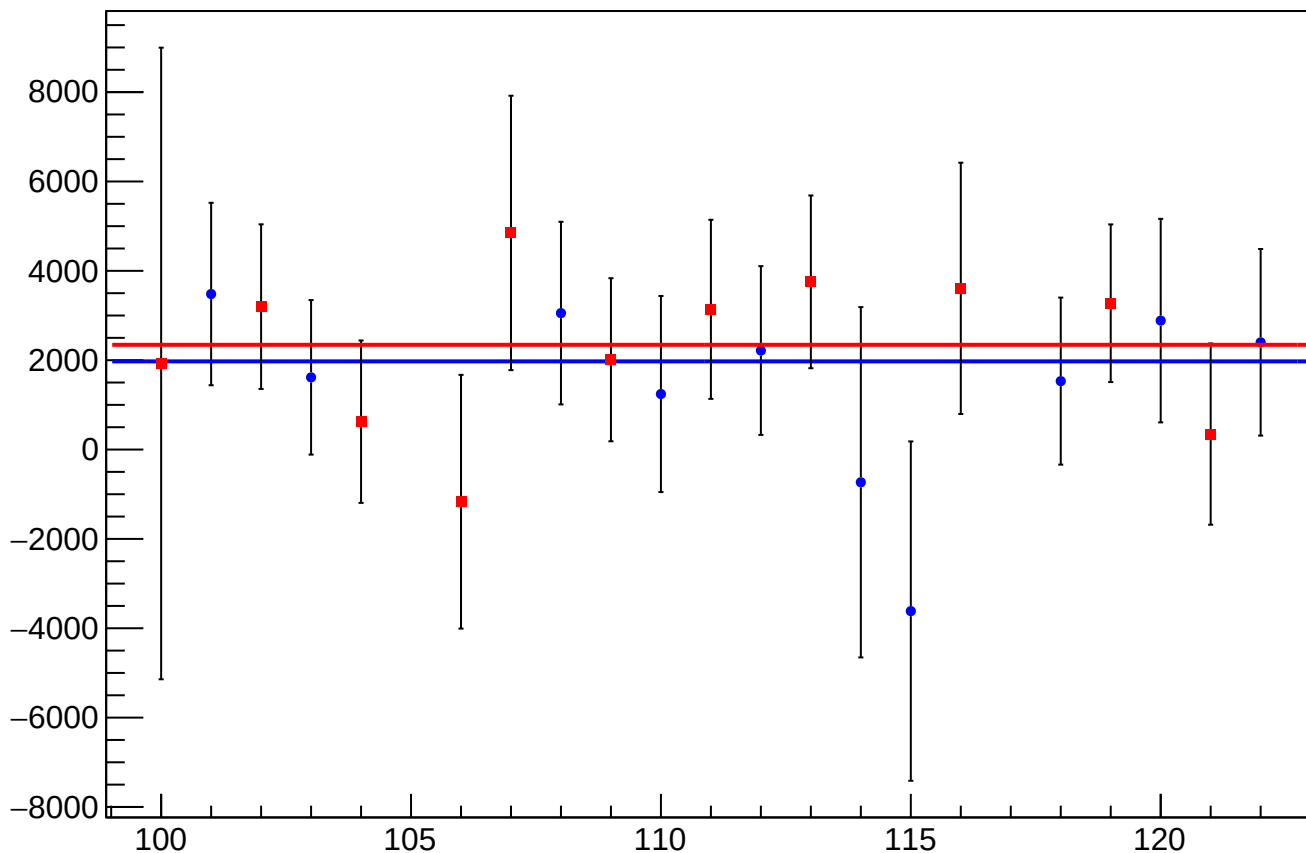
Right: 2763.677+/-0.725 χ^2/NDF : 2379162.8/20

In: 3240.738+/-1.162 χ^2/NDF : 388647.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2763.677+/-0.725 χ^2/NDF : 2379162.8/20

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1973.866+/-682.936 χ^2/NDF : 3.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2344.353+/-651.665 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

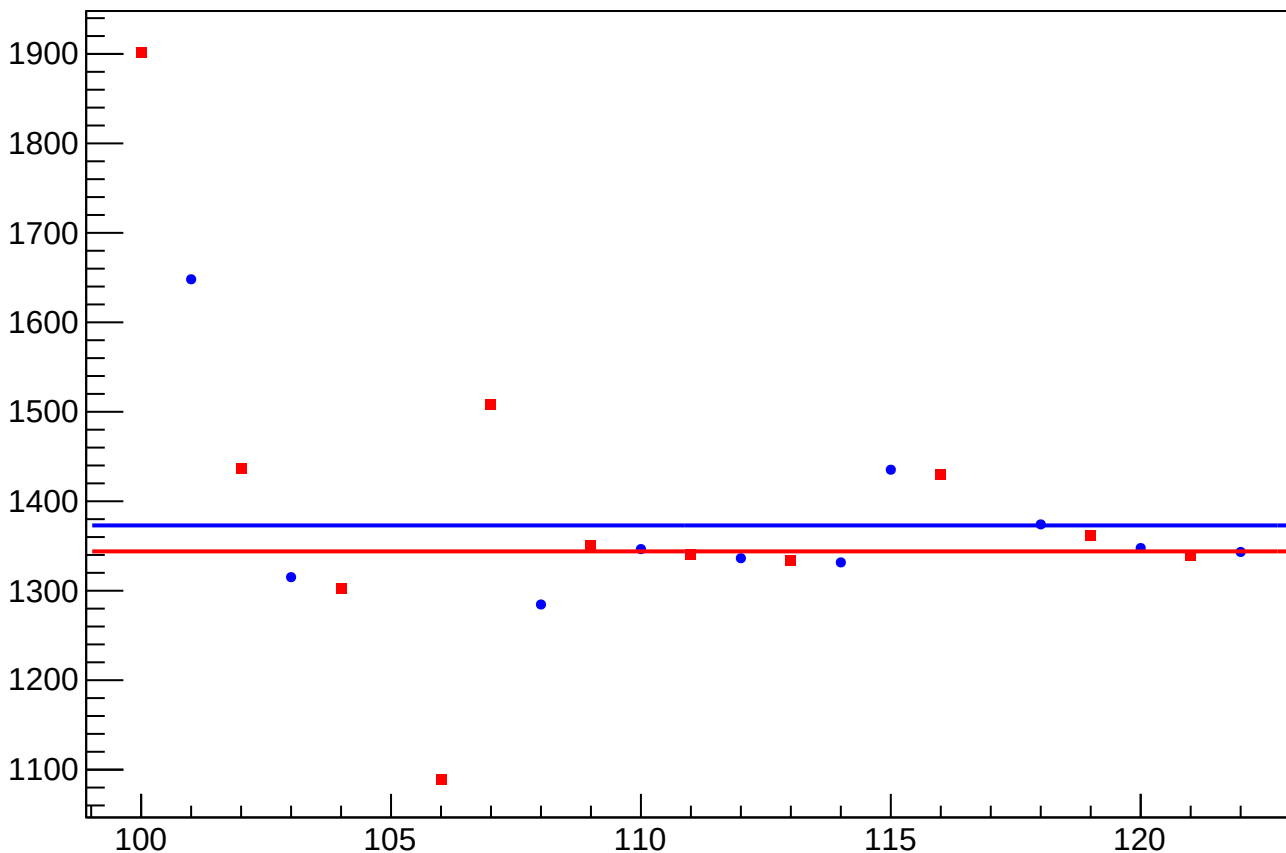
Right: 2167.786+/-471.464 χ^2/NDF : 9.5/20

In: 1973.866+/-682.936 χ^2/NDF : 3.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2167.786+/-471.464 χ^2/NDF : 9.5/20

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1372.995+/-0.483 χ^2/NDF : 44733.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.980+/-0.451 χ^2/NDF : 55630.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

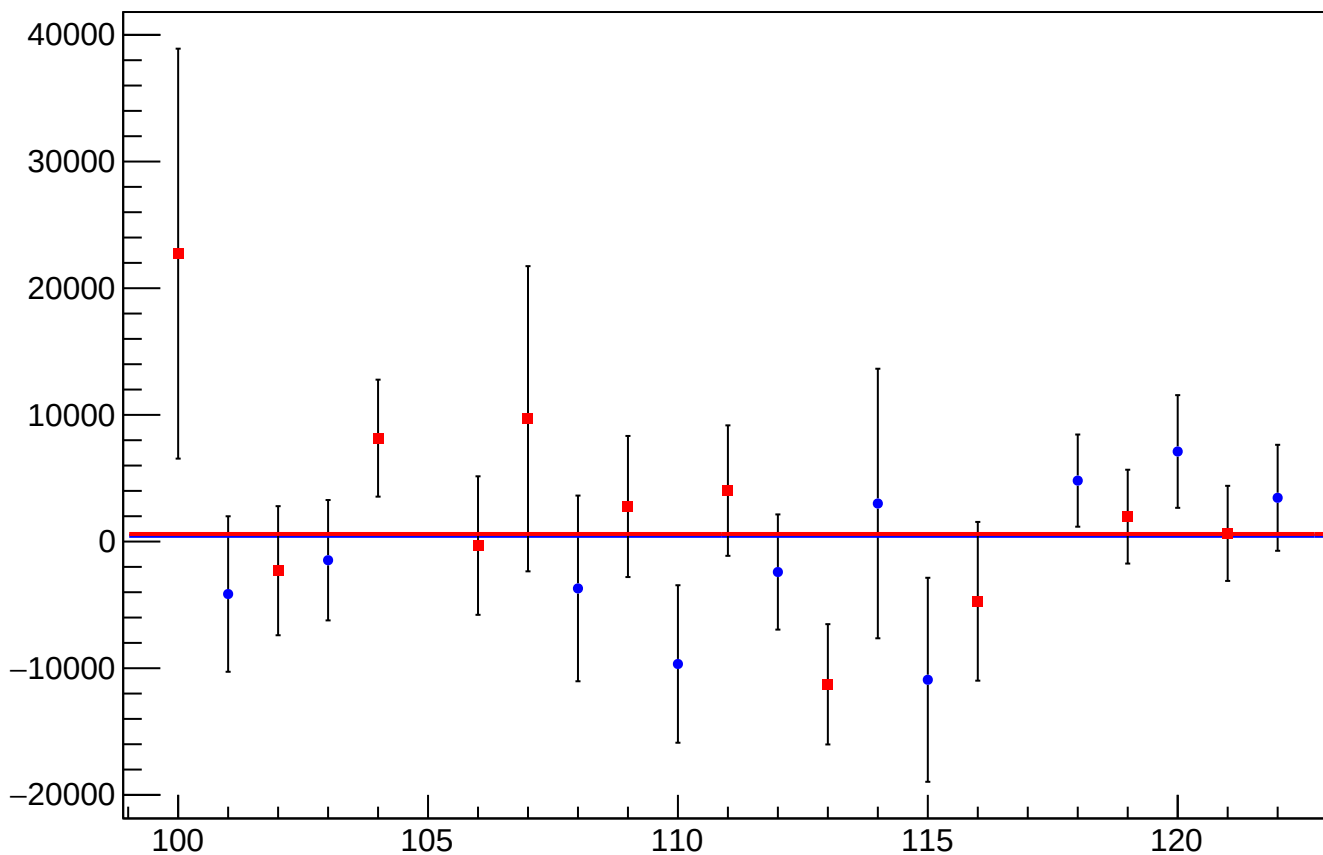
Right: 1357.506+/-0.330 χ^2/NDF : 102290.9/20

In: 1372.995+/-0.483 χ^2/NDF : 44733.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1357.506+/-0.330 χ^2/NDF : 102290.9/20

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 452.615+/-1641.506 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.777+/-1555.693 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

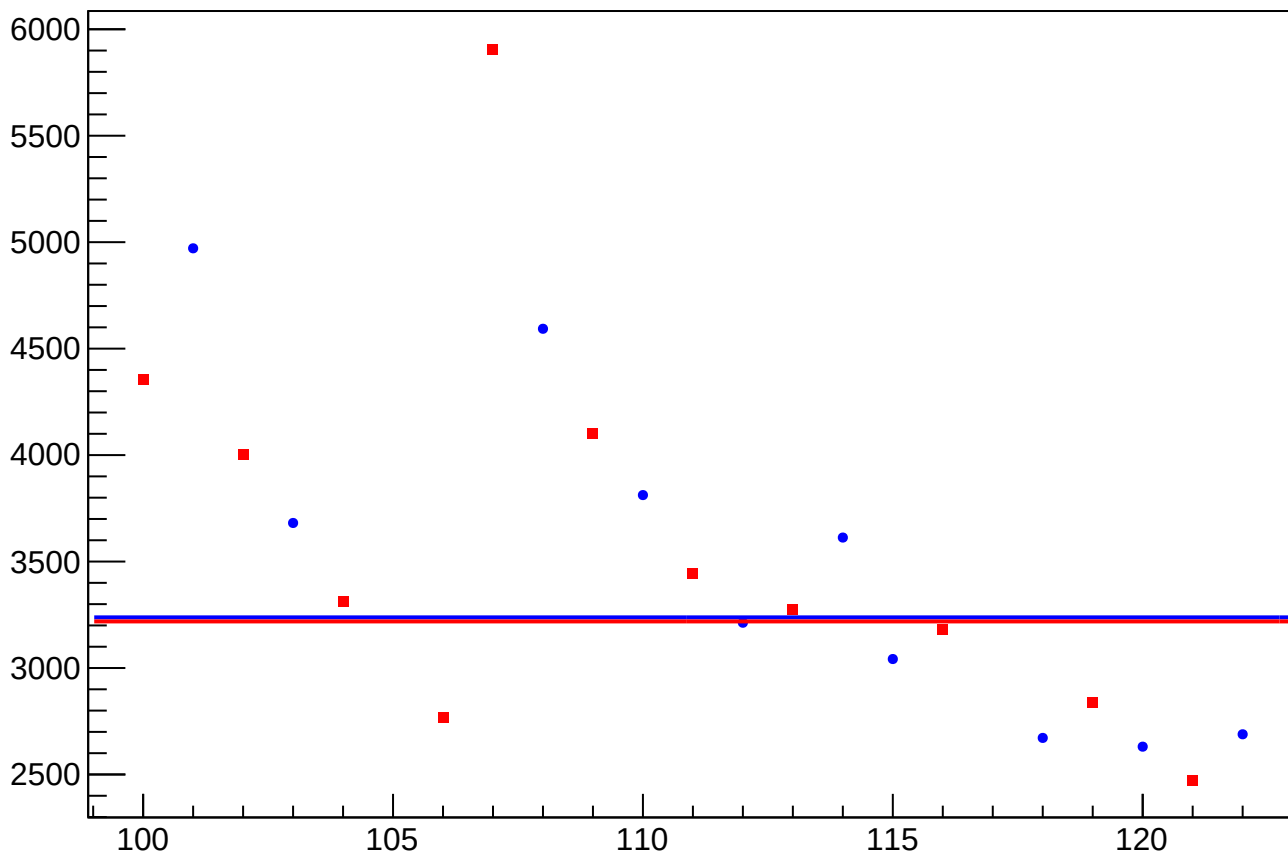
Right: 529.616+/-1129.159 χ^2/NDF : 23.5/20

In: 452.615+/-1641.506 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.616+/-1129.159 χ^2/NDF : 23.5/20

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3237.851+/-1.161 χ^2/NDF : 386203.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3218.847+/-1.100 χ^2/NDF : 324993.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

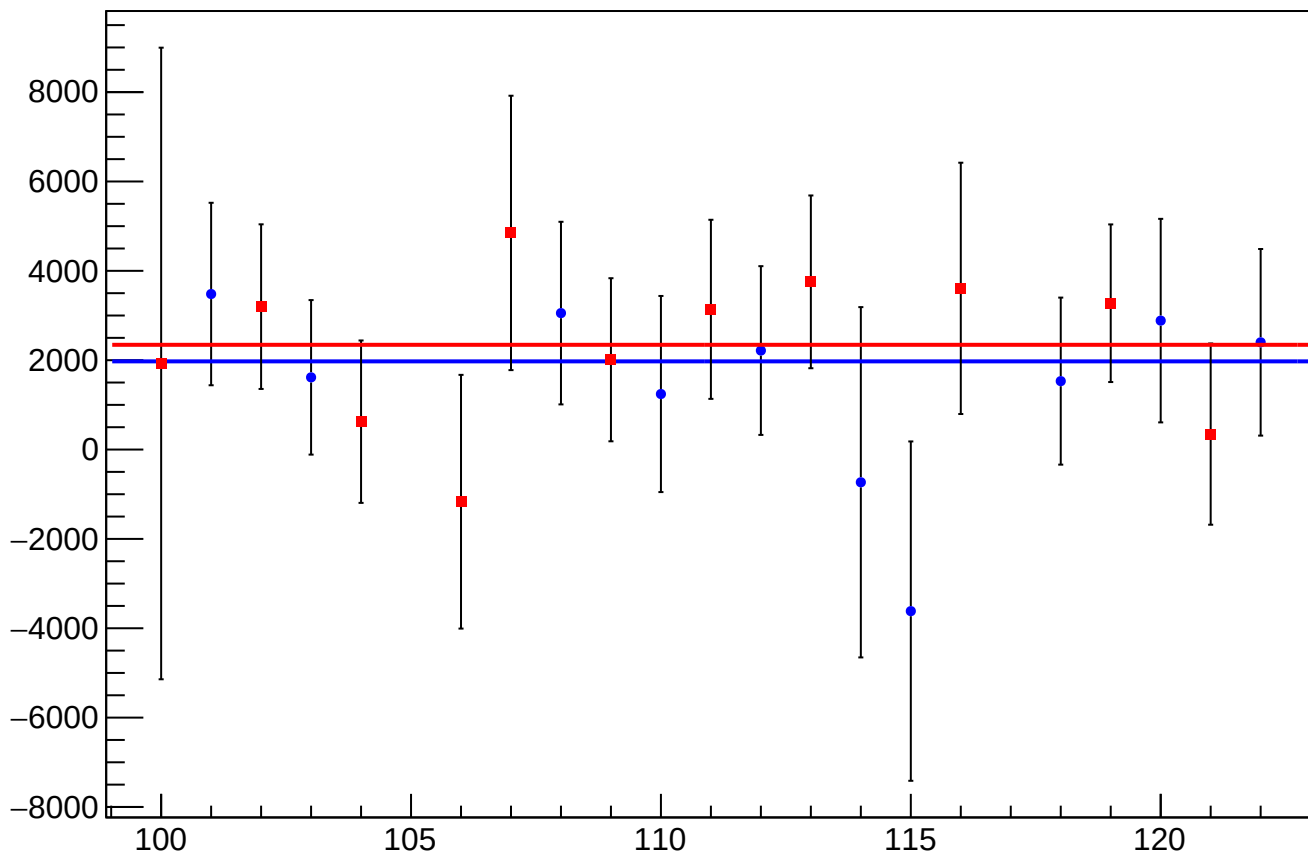
Right: 3227.840+/-0.798 χ^2/NDF : 711338.2/20

In: 3237.851+/-1.161 χ^2/NDF : 386203.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3227.840+/-0.798 χ^2/NDF : 711338.2/20

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1973.866+/-682.936 χ^2/NDF : 3.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2344.353+/-651.665 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

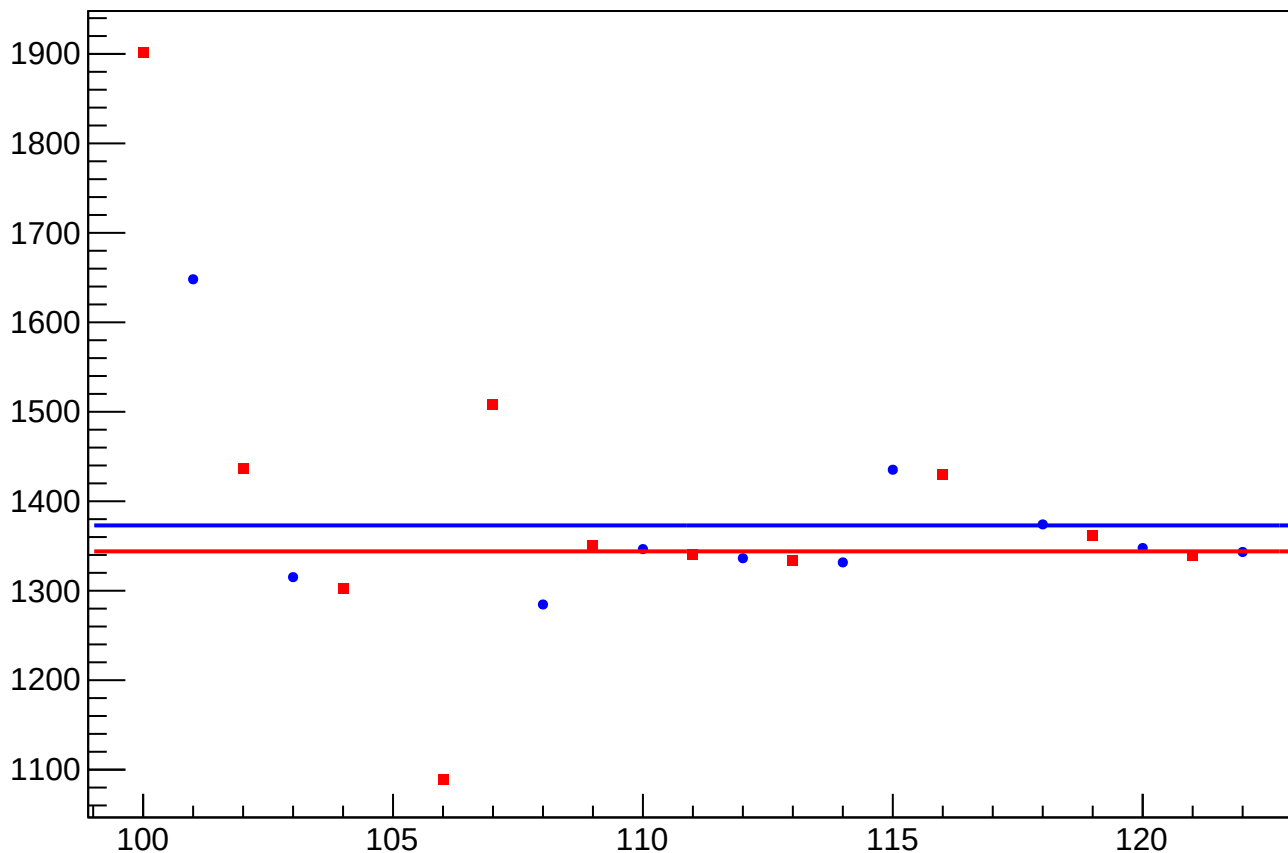
Right: 2167.786+/-471.464 χ^2/NDF : 9.5/20

In: 1973.866+/-682.936 χ^2/NDF : 3.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2167.786+/-471.464 χ^2/NDF : 9.5/20

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1372.995+/-0.483 χ^2/NDF : 44733.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.980+/-0.451 χ^2/NDF : 55630.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

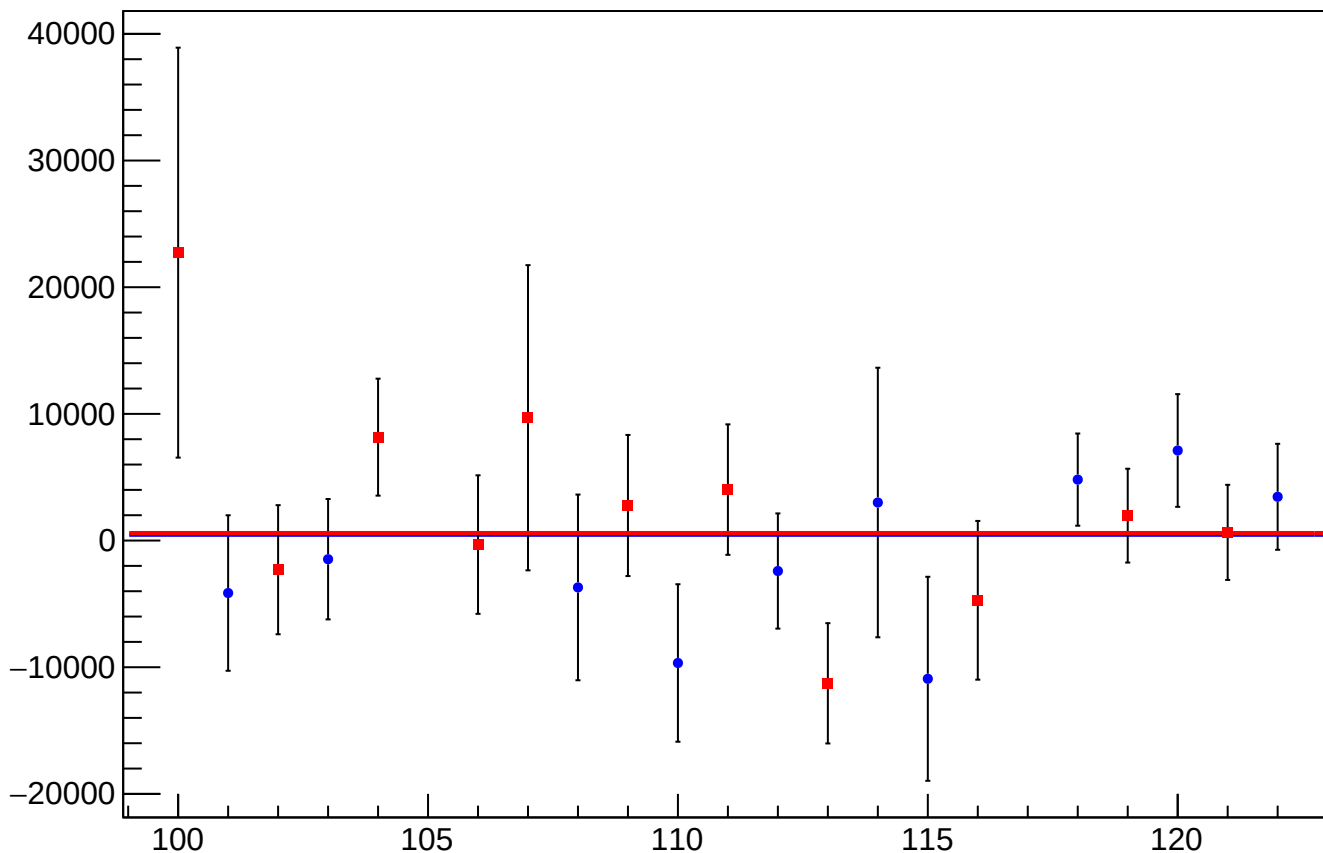
Right: 1357.506+/-0.330 χ^2/NDF : 102290.9/20

In: 1372.995+/-0.483 χ^2/NDF : 44733.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1357.506+/-0.330 χ^2/NDF : 102290.9/20

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 452.615+/-1641.506 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.777+/-1555.693 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

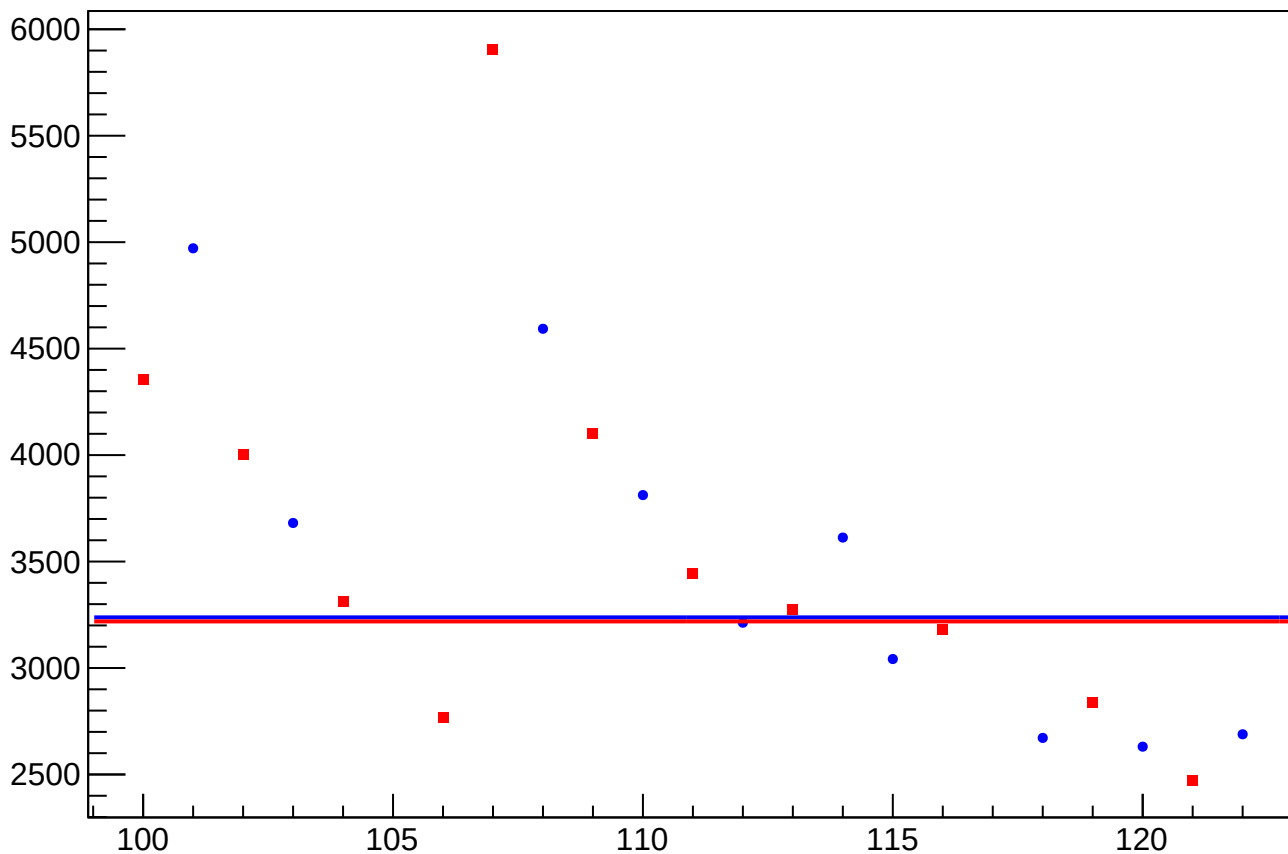
Right: 529.616+/-1129.159 χ^2/NDF : 23.5/20

In: 452.615+/-1641.506 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.616+/-1129.159 χ^2/NDF : 23.5/20

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3237.851+/-1.161 χ^2/NDF : 386203.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3218.847+/-1.100 χ^2/NDF : 324993.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

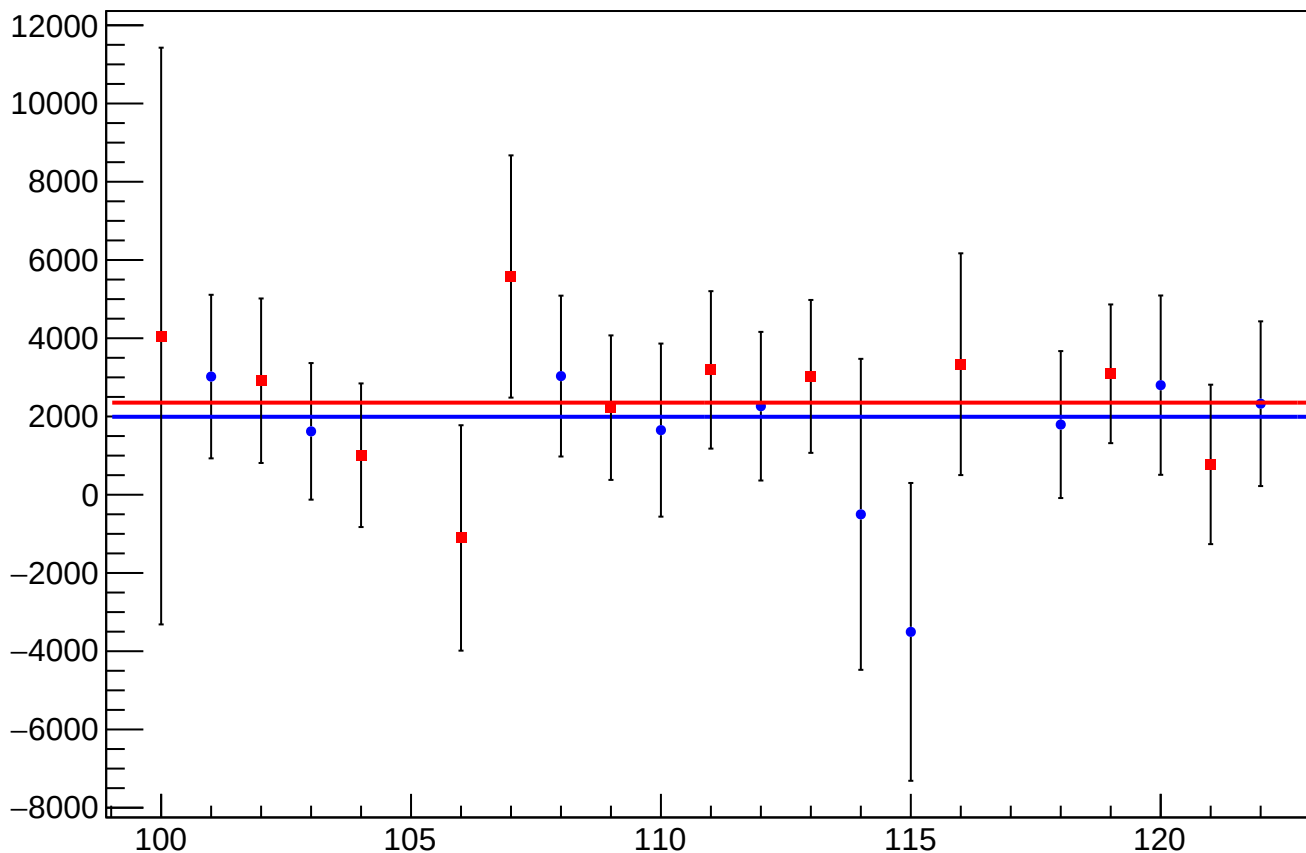
Right: 3227.840+/-0.798 χ^2/NDF : 711338.2/20

In: 3237.851+/-1.161 χ^2/NDF : 386203.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3227.840+/-0.798 χ^2/NDF : 711338.2/20

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1992.403+/-688.944 χ^2/NDF : 3.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2353.963+/-666.423 χ^2/NDF : 4.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

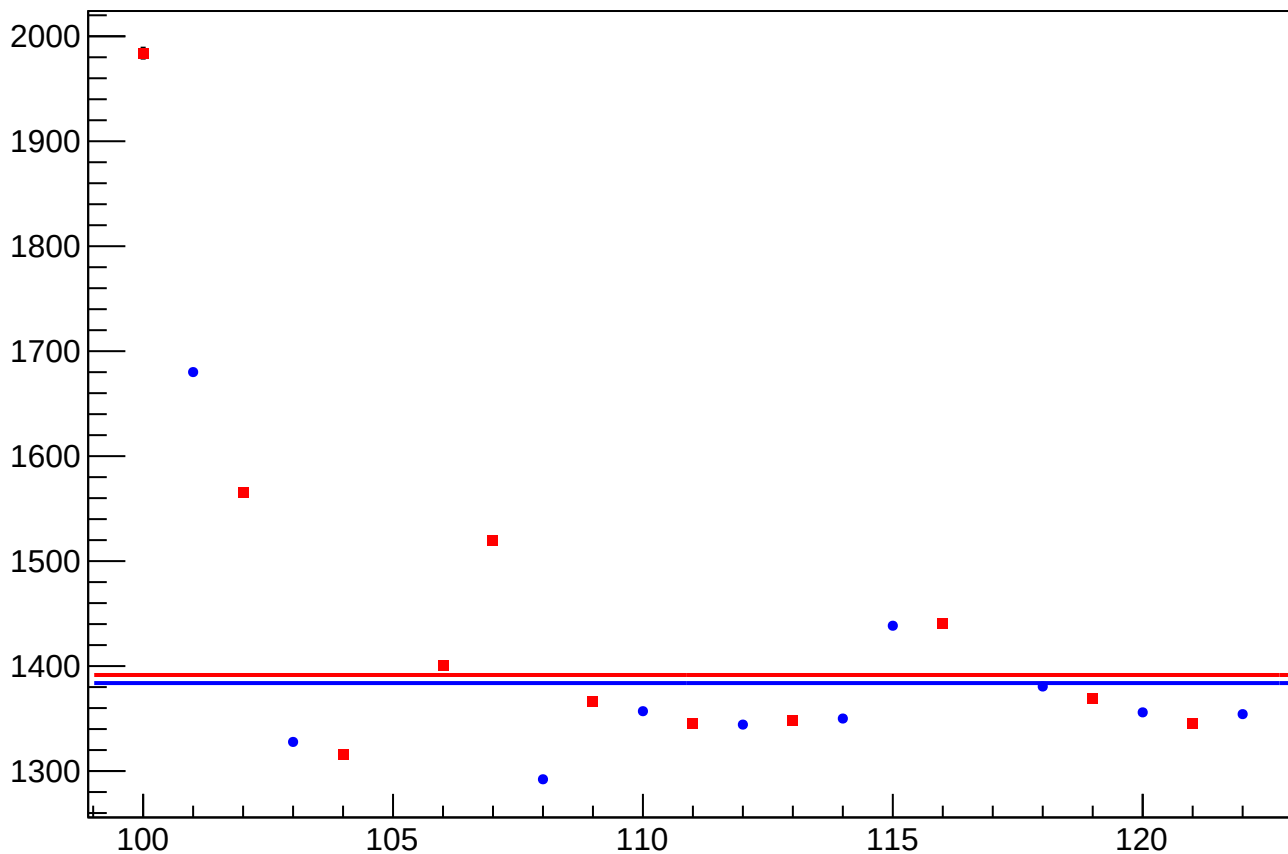
Right: 2179.189+/-478.996 χ^2/NDF : 7.7/20

In: 1992.403+/-688.944 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.189+/-478.996 χ^2/NDF : 7.7/20

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1383.811+/-0.487 χ^2/NDF : 48624.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1391.515+/-0.469 χ^2/NDF : 37824.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

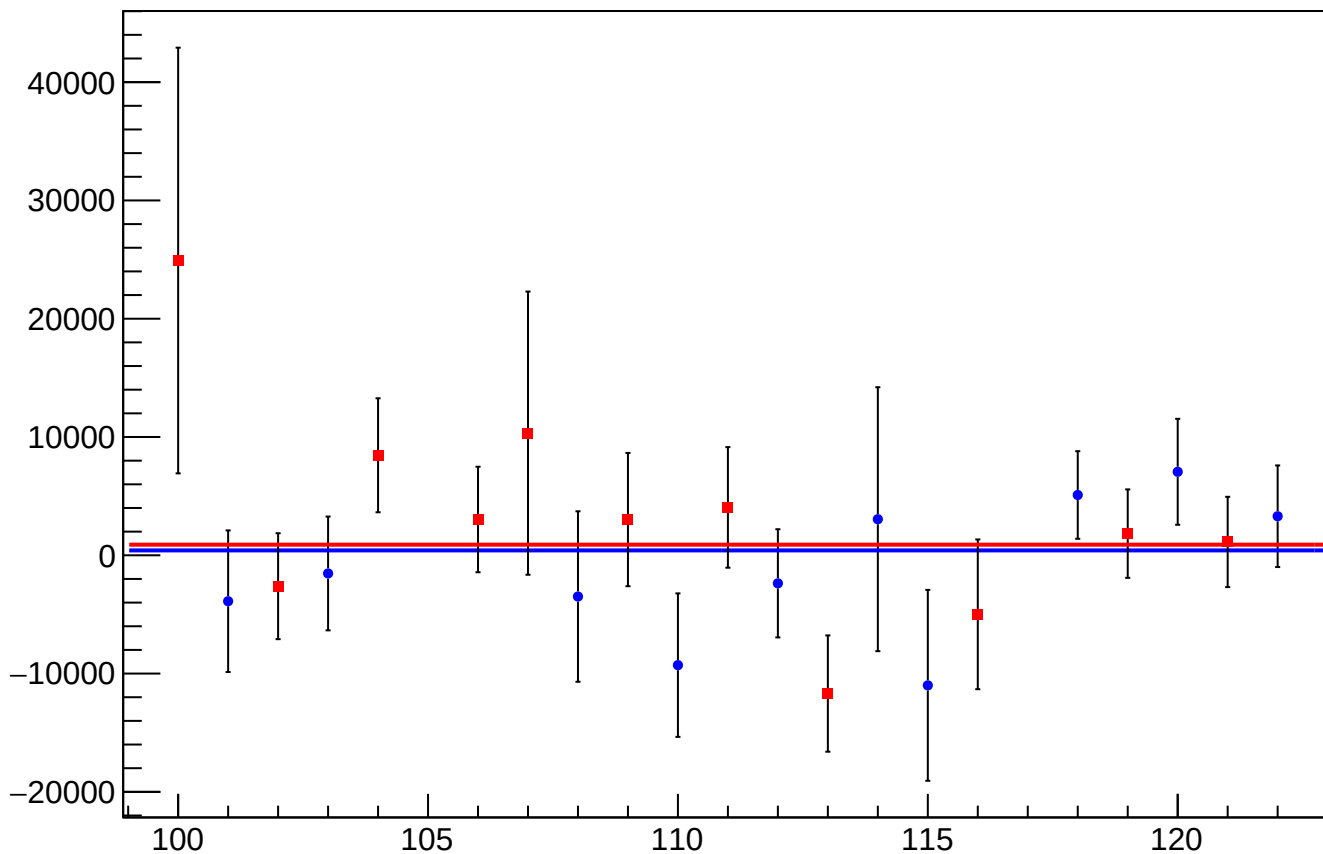
Right: 1387.807+/-0.338 χ^2/NDF : 86578.7/20

In: 1383.811+/-0.487 χ^2/NDF : 48624.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.807+/-0.338 χ^2/NDF : 86578.7/20

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 412.182 $\pm$ 1653.561 χ^2 /NDF: 10.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 897.252 $\pm$ 1525.251 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

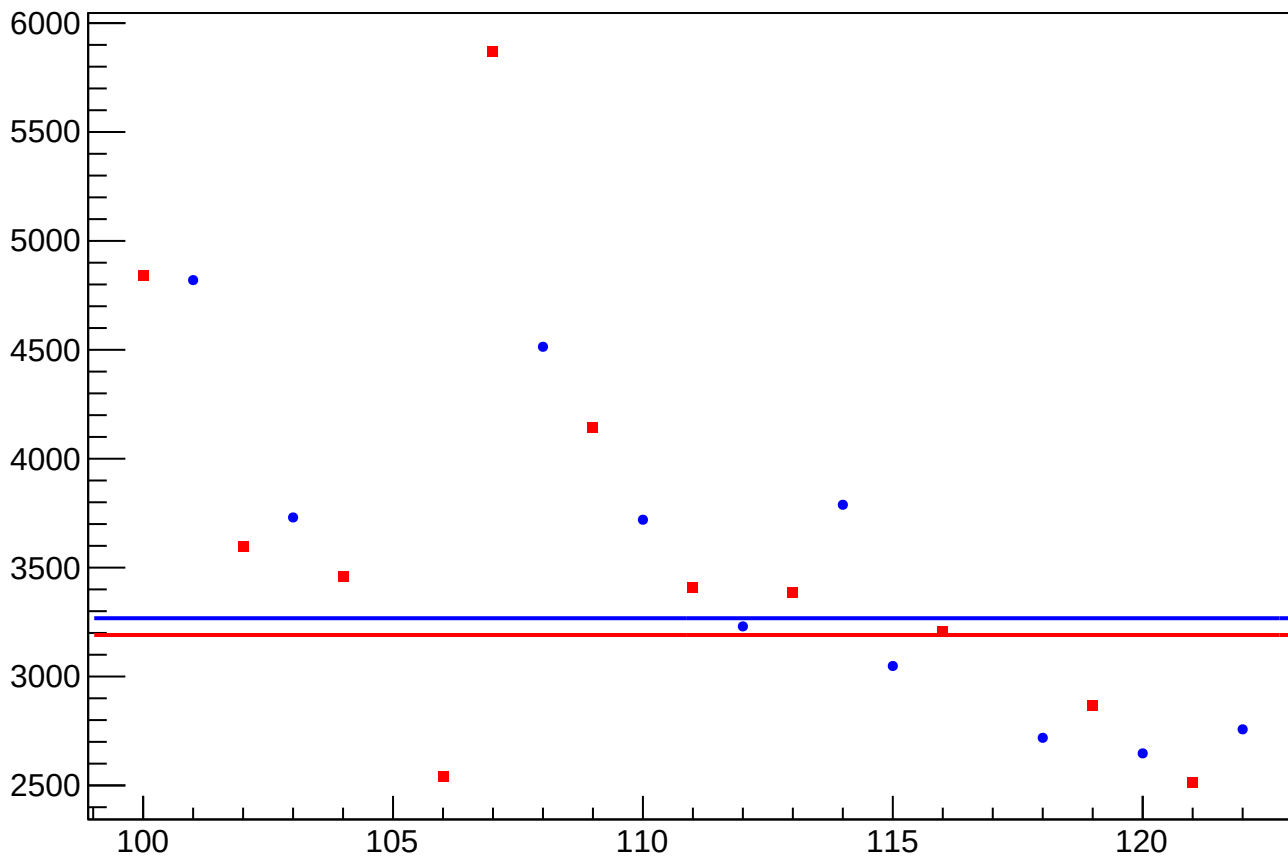
Right: 674.264 $\pm$ 1121.136 χ^2 /NDF: 24.0/20

In: 412.182 $\pm$ 1653.561 χ^2 /NDF:10.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 674.264 $\pm$ 1121.136 χ^2 /NDF: 24.0/20

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3267.662+/-1.169 χ^2/NDF : 340457.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3190.670+/-1.079 χ^2/NDF : 324278.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

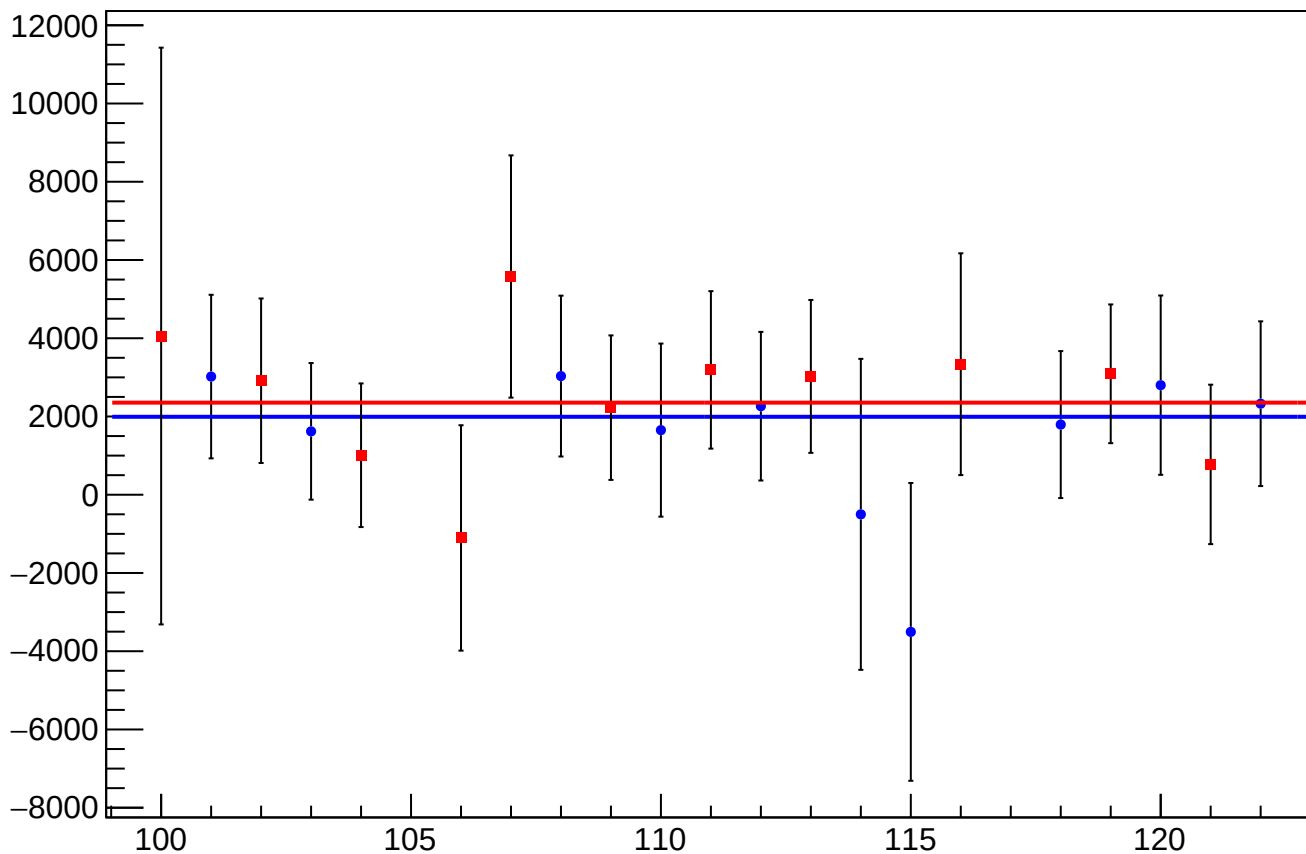
Right: 3226.063+/-0.793 χ^2/NDF : 667078.2/20

In: 3267.662+/-1.169 χ^2/NDF :340457.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3226.063+/-0.793 χ^2/NDF : 667078.2/20

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1992.403+/-688.944 χ^2/NDF : 3.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2353.970+/-666.423 χ^2/NDF : 4.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

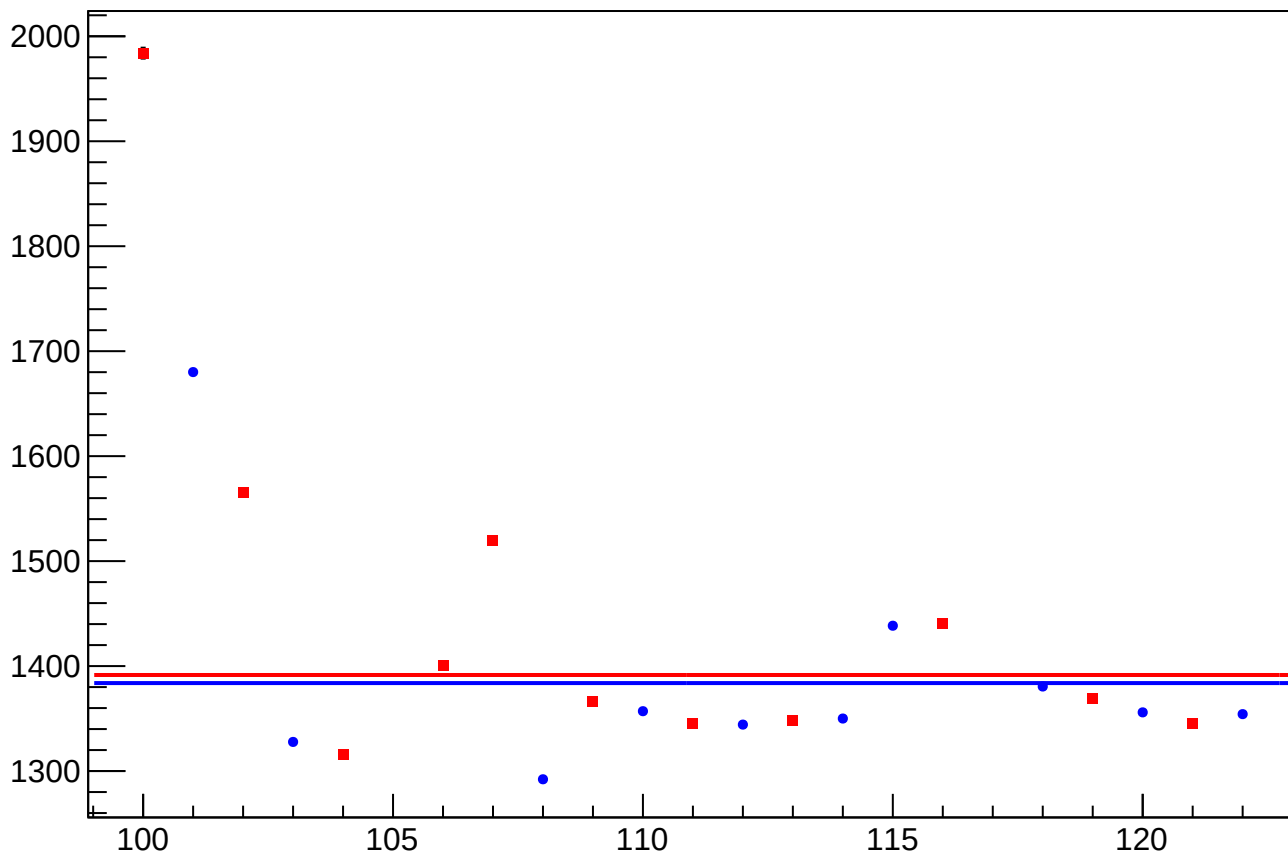
Right: 2179.193+/-478.996 χ^2/NDF : 7.7/20

In: 1992.403+/-688.944 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.193+/-478.996 χ^2/NDF : 7.7/20

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1383.811+/-0.487 χ^2/NDF : 48624.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1391.515+/-0.469 χ^2/NDF : 37824.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

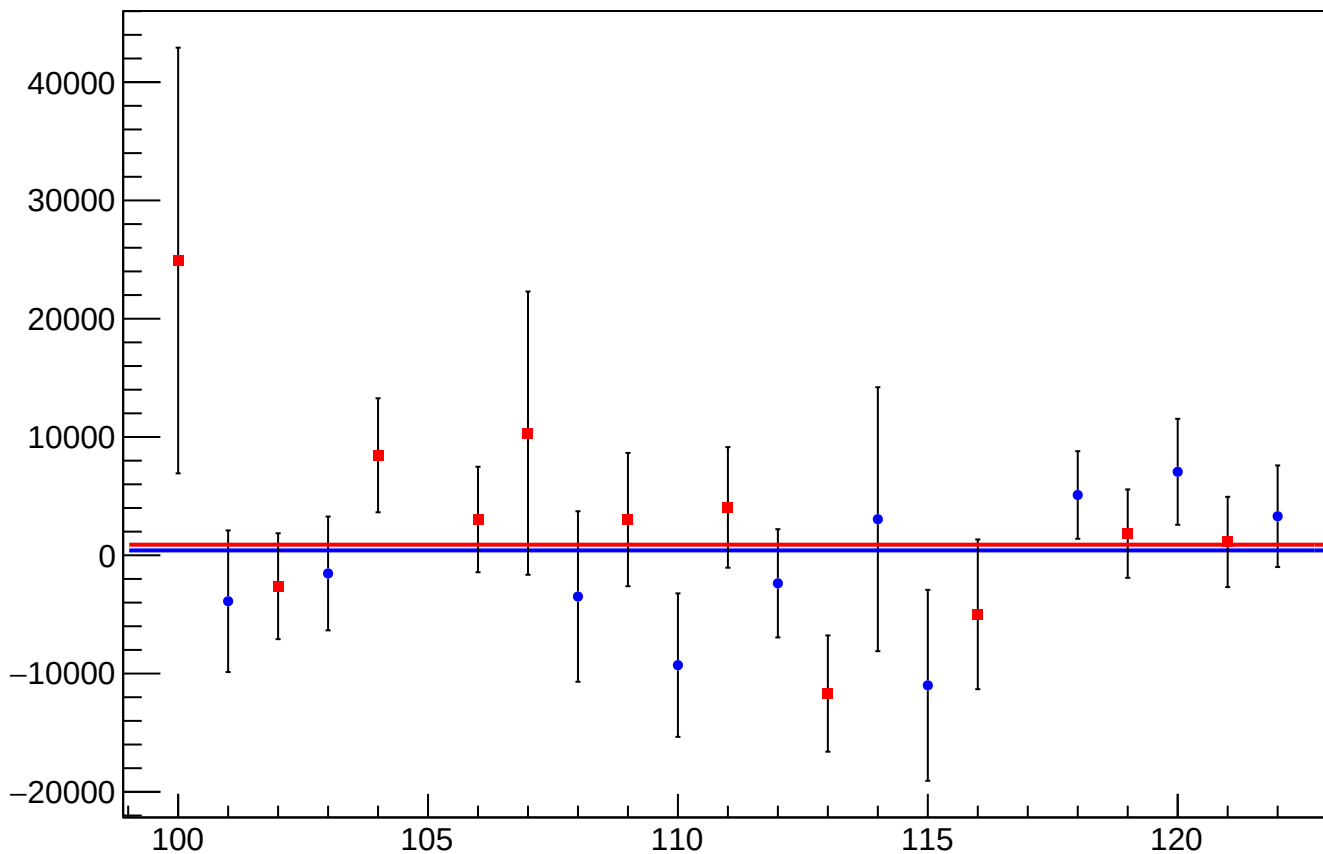
Right: 1387.807+/-0.338 χ^2/NDF : 86578.5/20

In: 1383.811+/-0.487 χ^2/NDF : 48624.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.807+/-0.338 χ^2/NDF : 86578.5/20

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 412.187+/-1653.555 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 897.251+/-1525.247 χ^2/NDF : 13.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

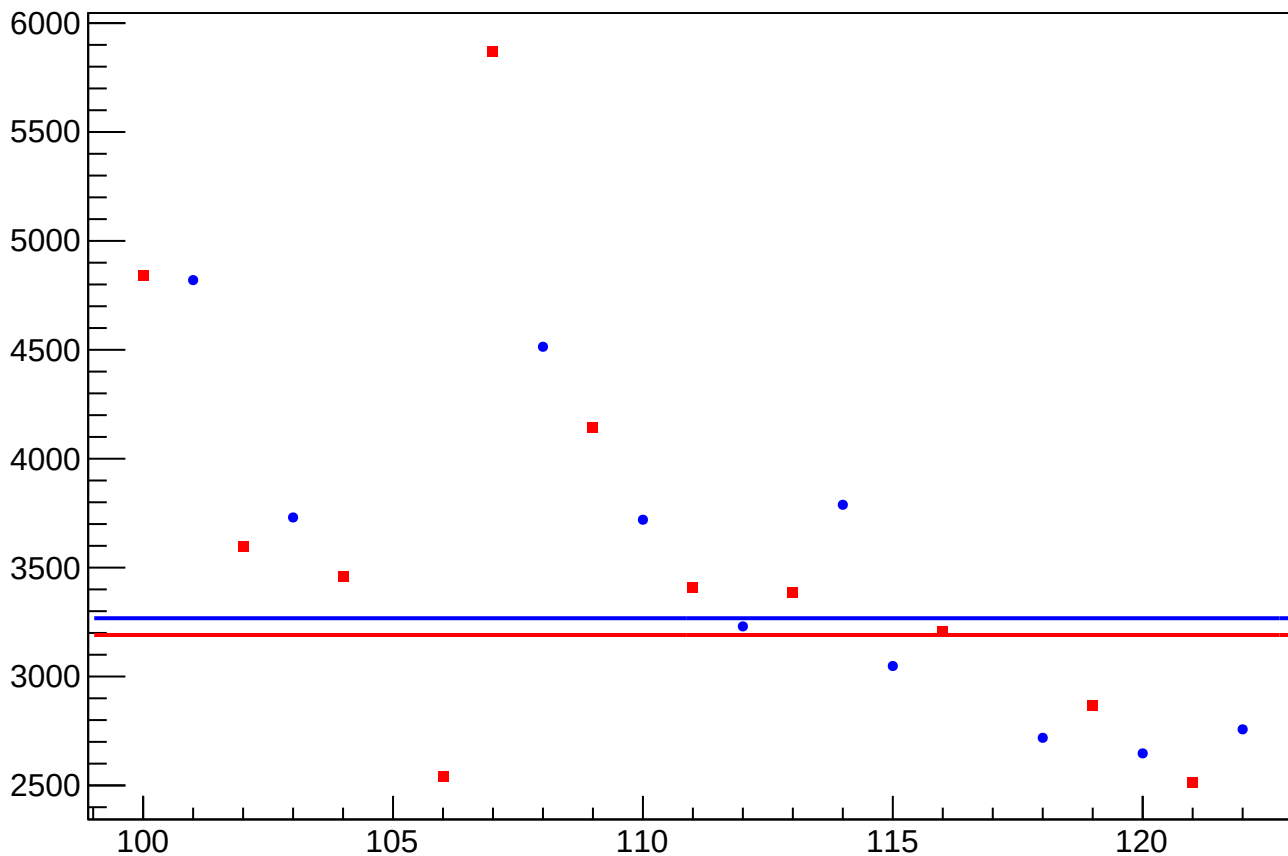
Right: 674.266+/-1121.132 χ^2/NDF : 24.0/20

In: 412.187+/-1653.555 χ^2/NDF :10.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 674.266+/-1121.132 χ^2/NDF : 24.0/20

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3267.649+/-1.169 χ^2/NDF : 340461.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3190.661+/-1.079 χ^2/NDF : 324279.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

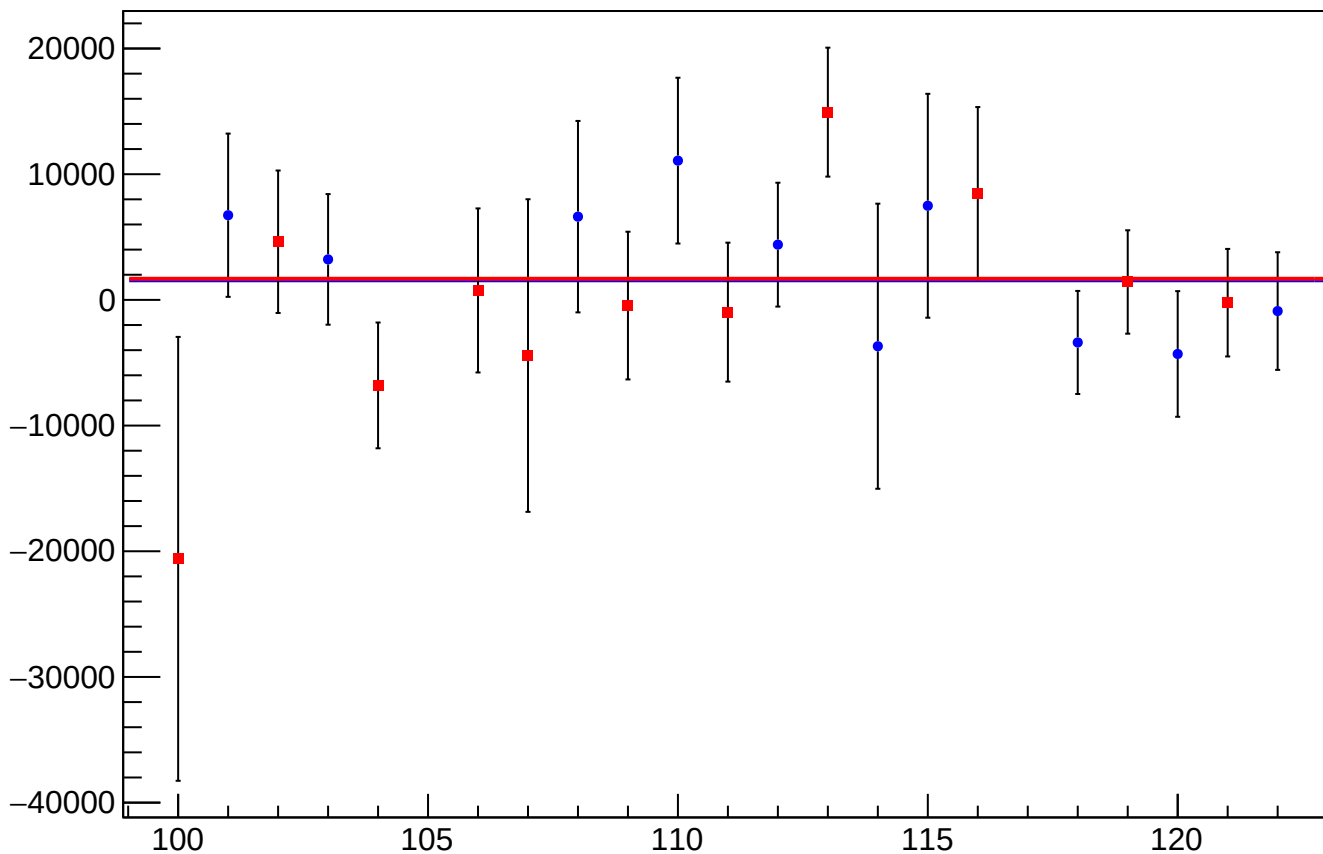
Right: 3226.053+/-0.793 χ^2/NDF : 667083.9/20

In: 3267.649+/-1.169 χ^2/NDF : 340461.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3226.053+/-0.793 χ^2/NDF : 667083.9/20

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1561.501+/-1802.721 χ^2/NDF : 7.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1679.536+/-1717.959 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

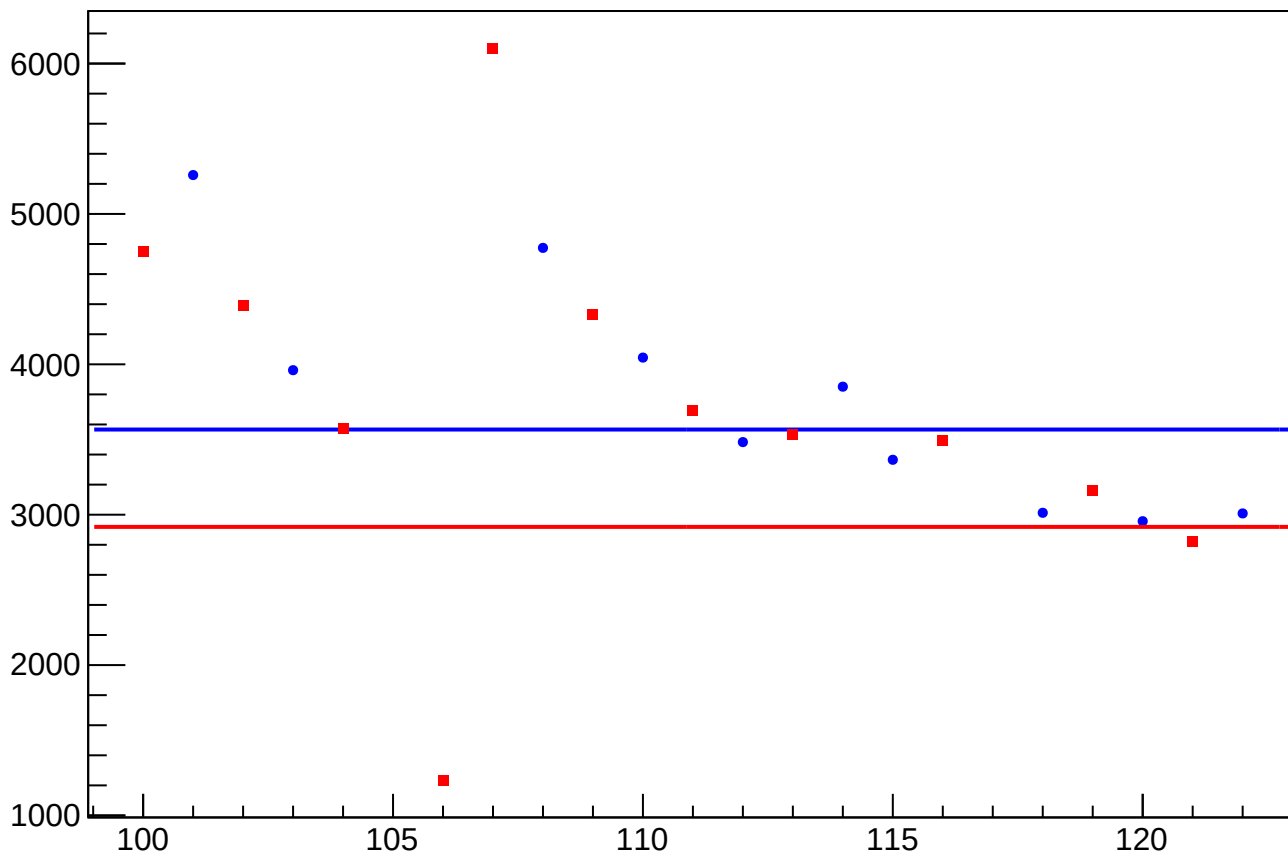
Right: 1623.359+/-1243.667 χ^2/NDF : 20.6/20

In: 1561.501+/-1802.721 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1623.359+/-1243.667 χ^2/NDF : 20.6/20

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3566.393+/-1.275 χ^2/NDF : 305638.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2918.960+/-1.067 χ^2/NDF : 1230929.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

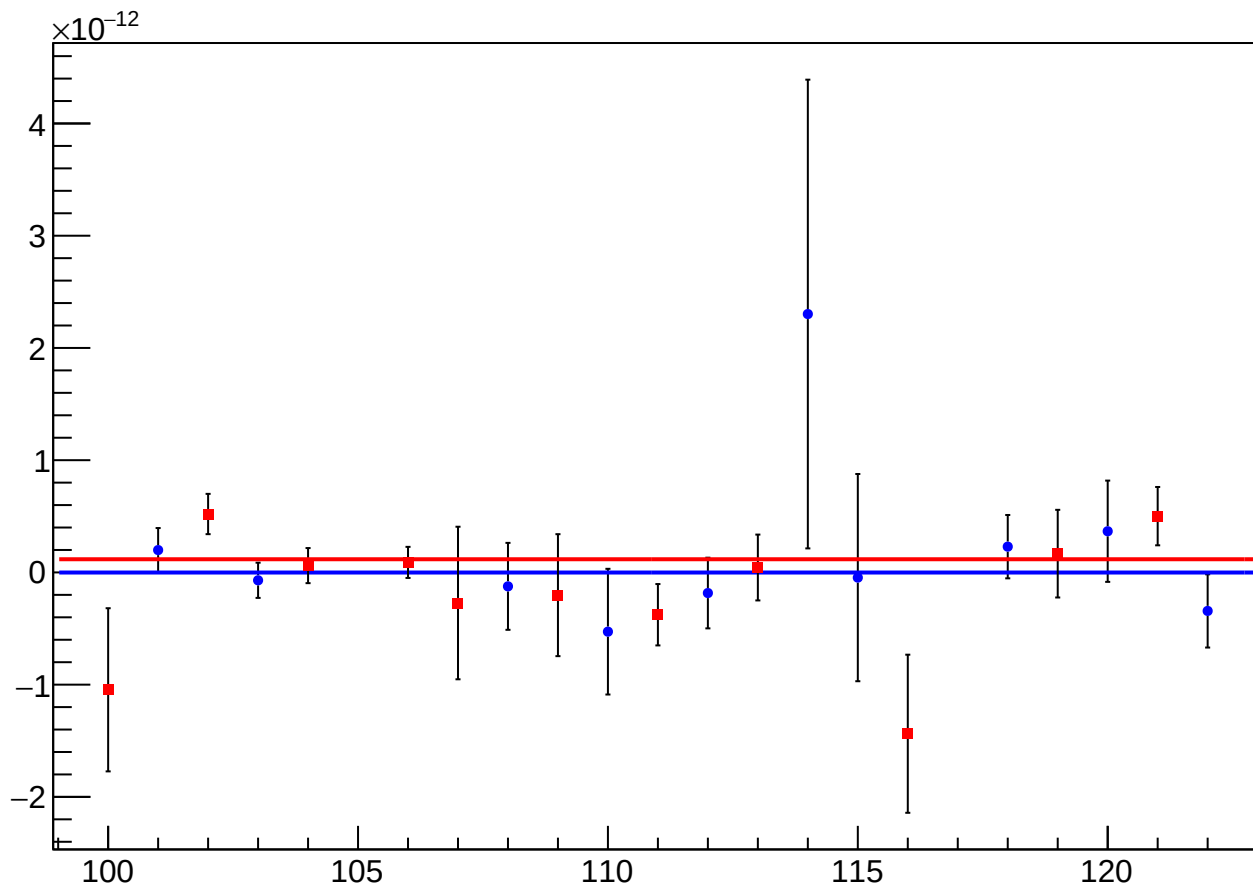
Right: 3185.663+/-0.818 χ^2/NDF : 1688268.4/20

In: 3566.393+/-1.275 χ^2/NDF : 305638.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3185.663+/-0.818 χ^2/NDF : 1688268.4/20

asym_usl_atl2_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: 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

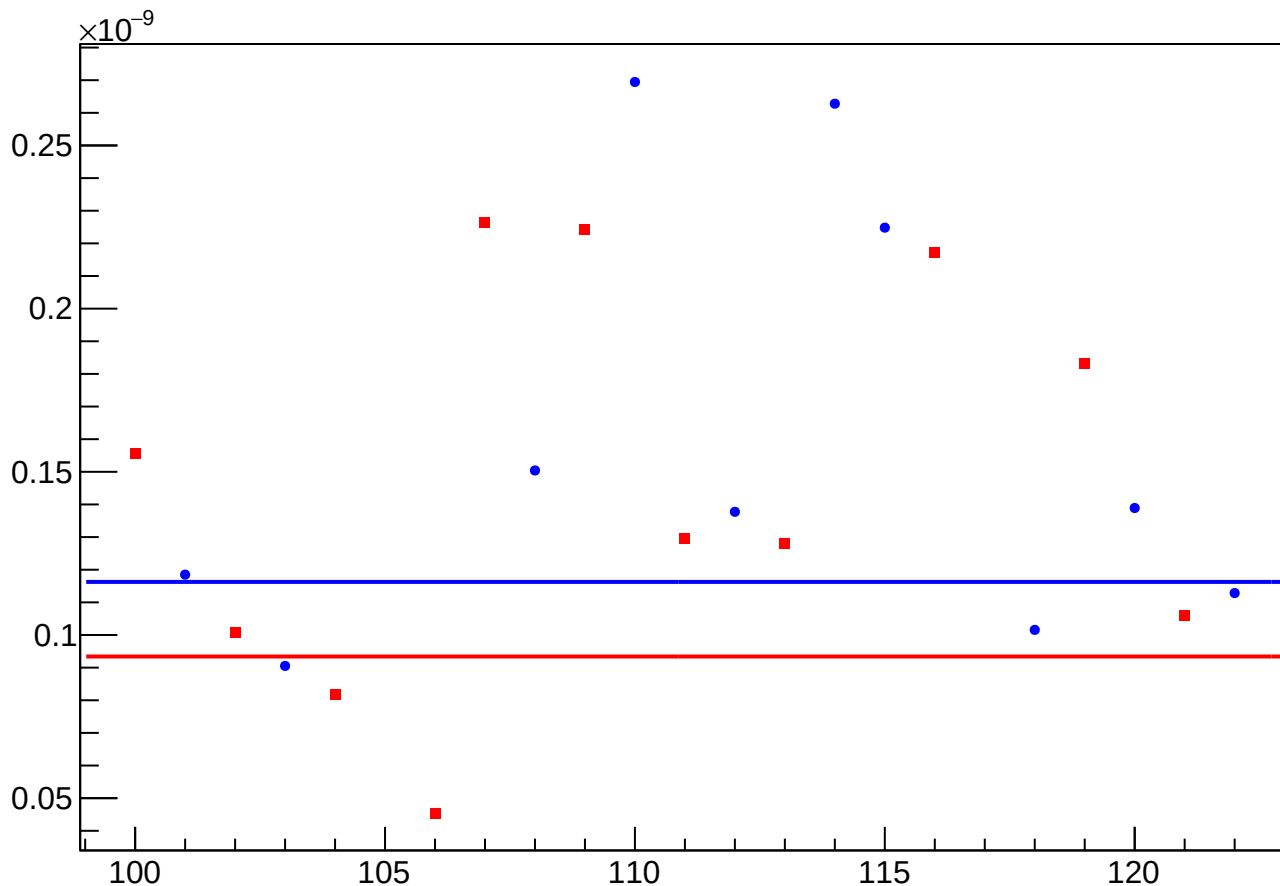
Right: 0.000+/-0.000 χ^2 /NDF: 26.0/20

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: 26.0/20

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 276827.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 697948.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

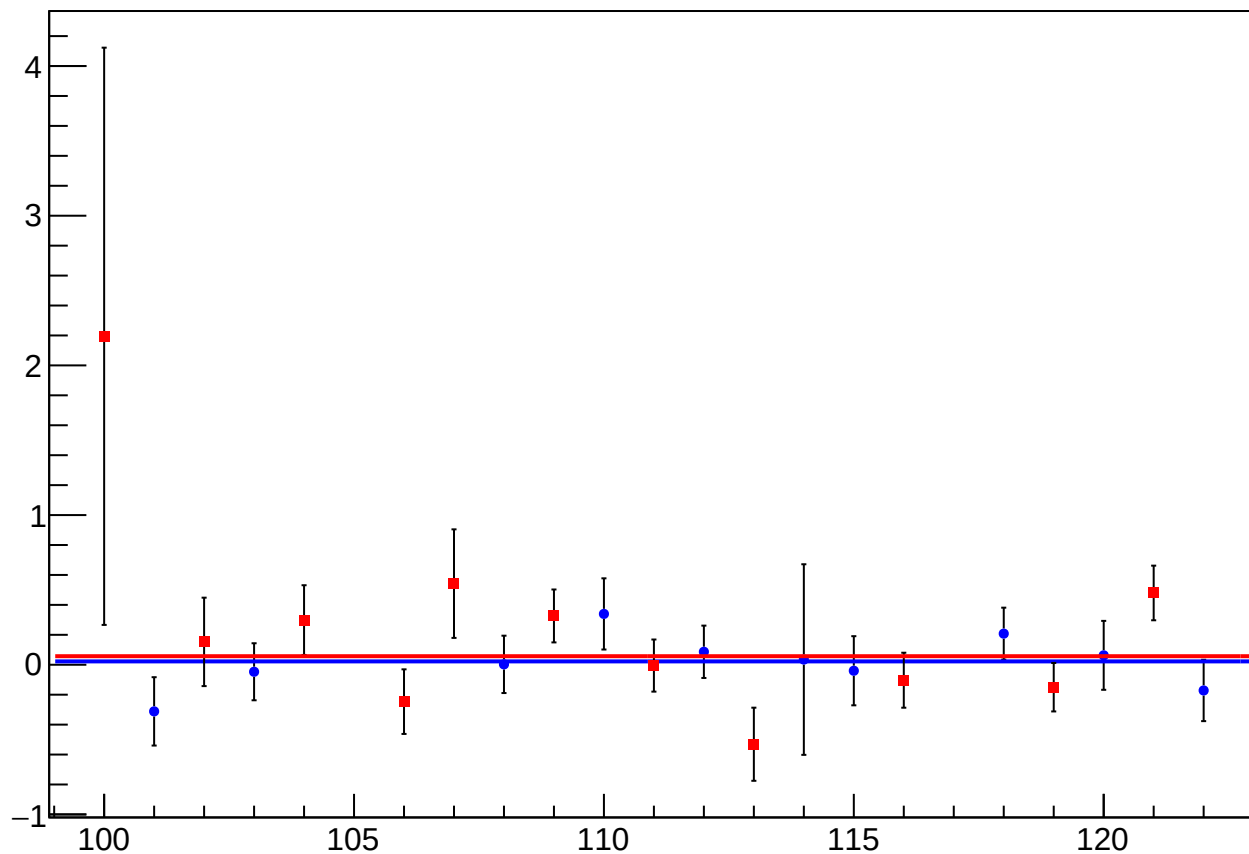
Right: 0.000+/-0.000 χ^2/NDF : 1048000.1/20

In: 0.000+/-0.000 χ^2/NDF : 276827.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1048000.1/20

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.067 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.057+/-0.065 χ^2/NDF : 22.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

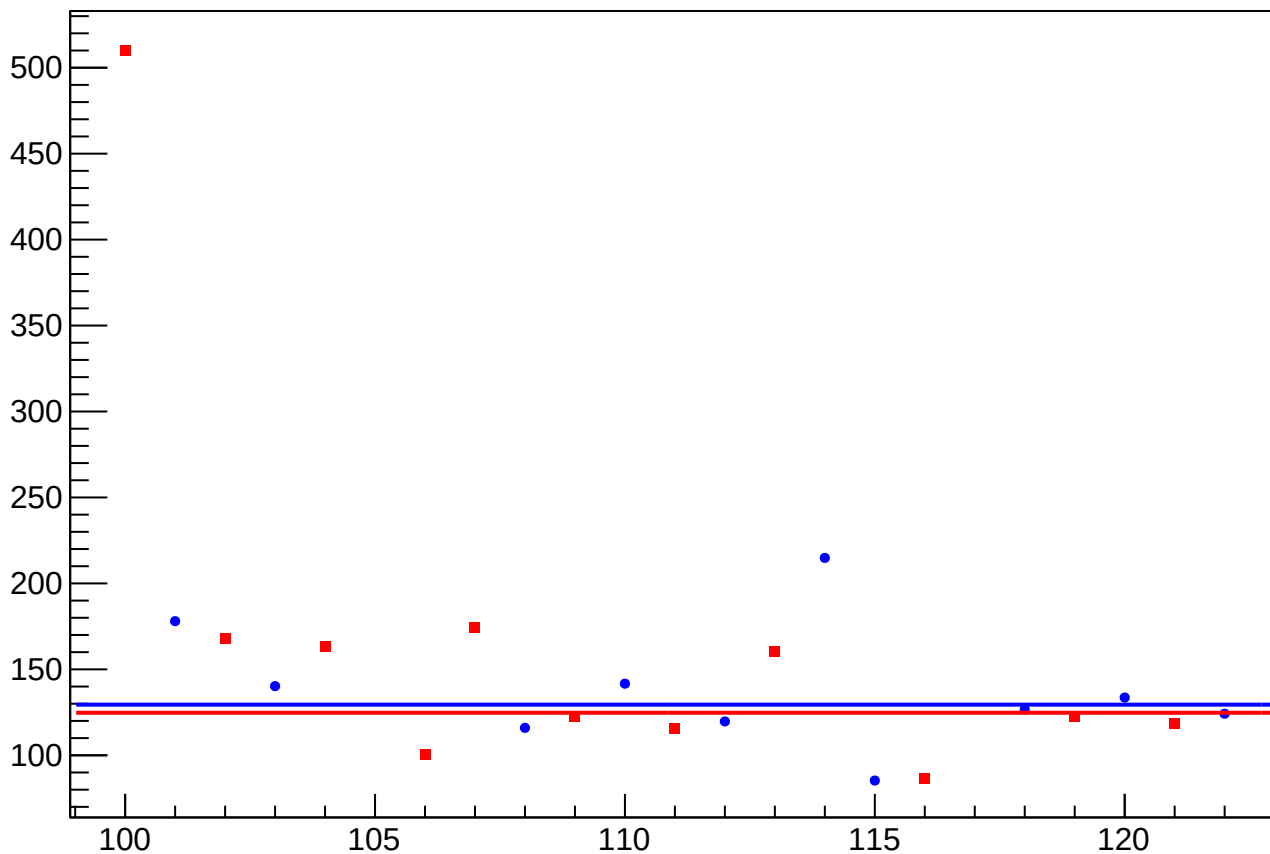
Right: 0.040+/-0.047 χ^2/NDF : 28.7/20

In: 0.022+/-0.067 χ^2/NDF :6.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.040+/-0.047 χ^2/NDF : 28.7/20

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.462 $\pm$ 0.048 χ^2 /NDF: 229813.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.753 $\pm$ 0.046 χ^2 /NDF: 376591.7/10

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

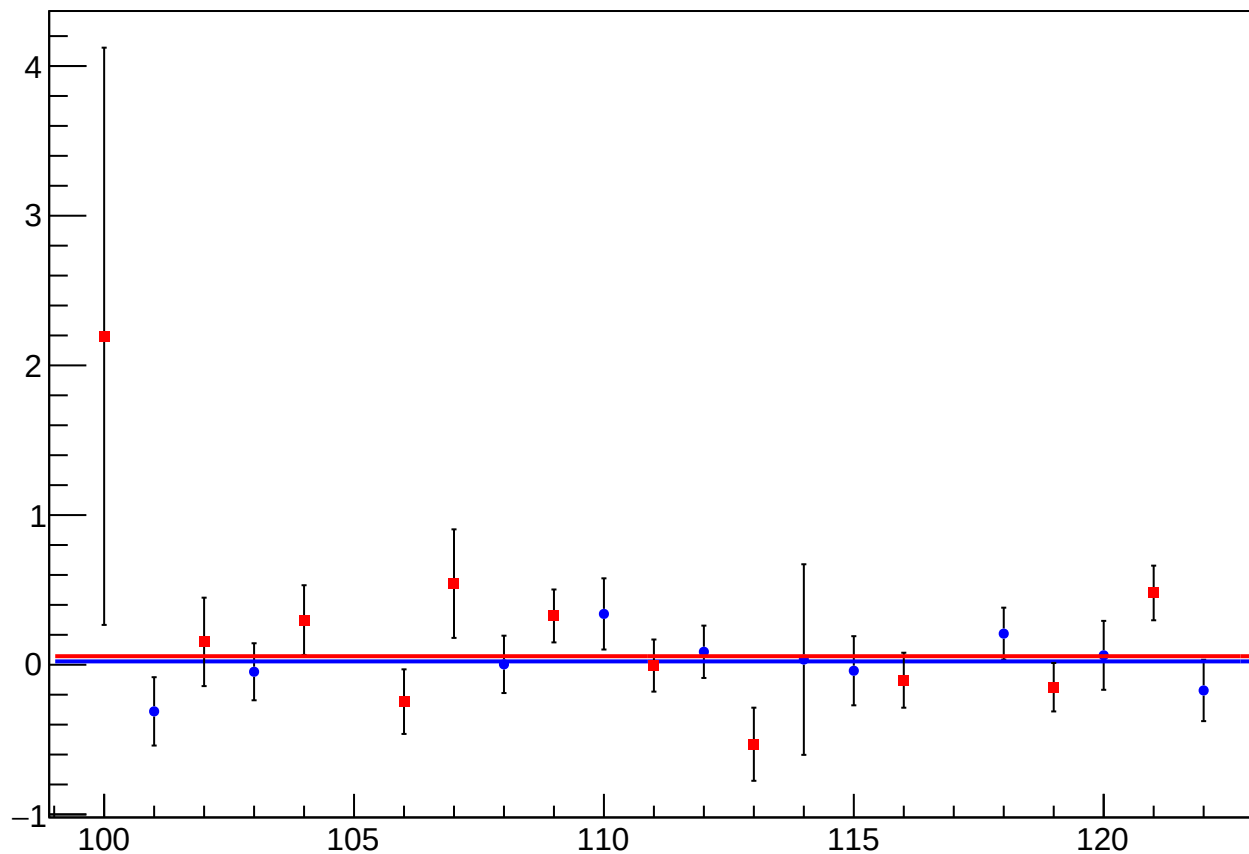
Right: 127.019 $\pm$ 0.033 χ^2 /NDF: 611500.1/20

In: 129.462 $\pm$ 0.048 χ^2 /NDF:229813.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.019 $\pm$ 0.033 χ^2 /NDF: 611500.1/20

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.067 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.065 χ^2/NDF : 22.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

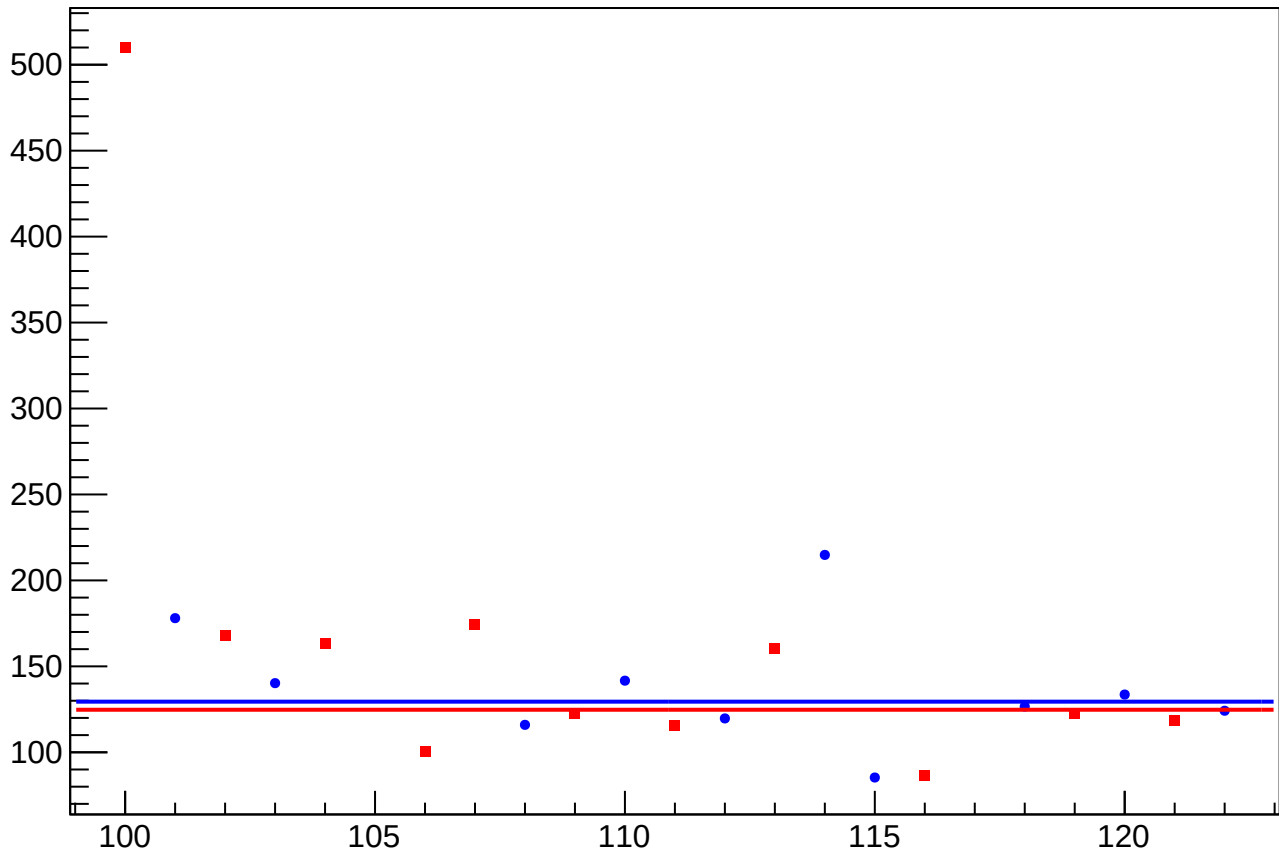
Right: 0.040+/-0.047 χ^2/NDF : 28.7/20

In: 0.022+/-0.067 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.047 χ^2/NDF : 28.7/20

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.462+/-0.048 χ^2/NDF : 229813.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.753+/-0.046 χ^2/NDF : 376591.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

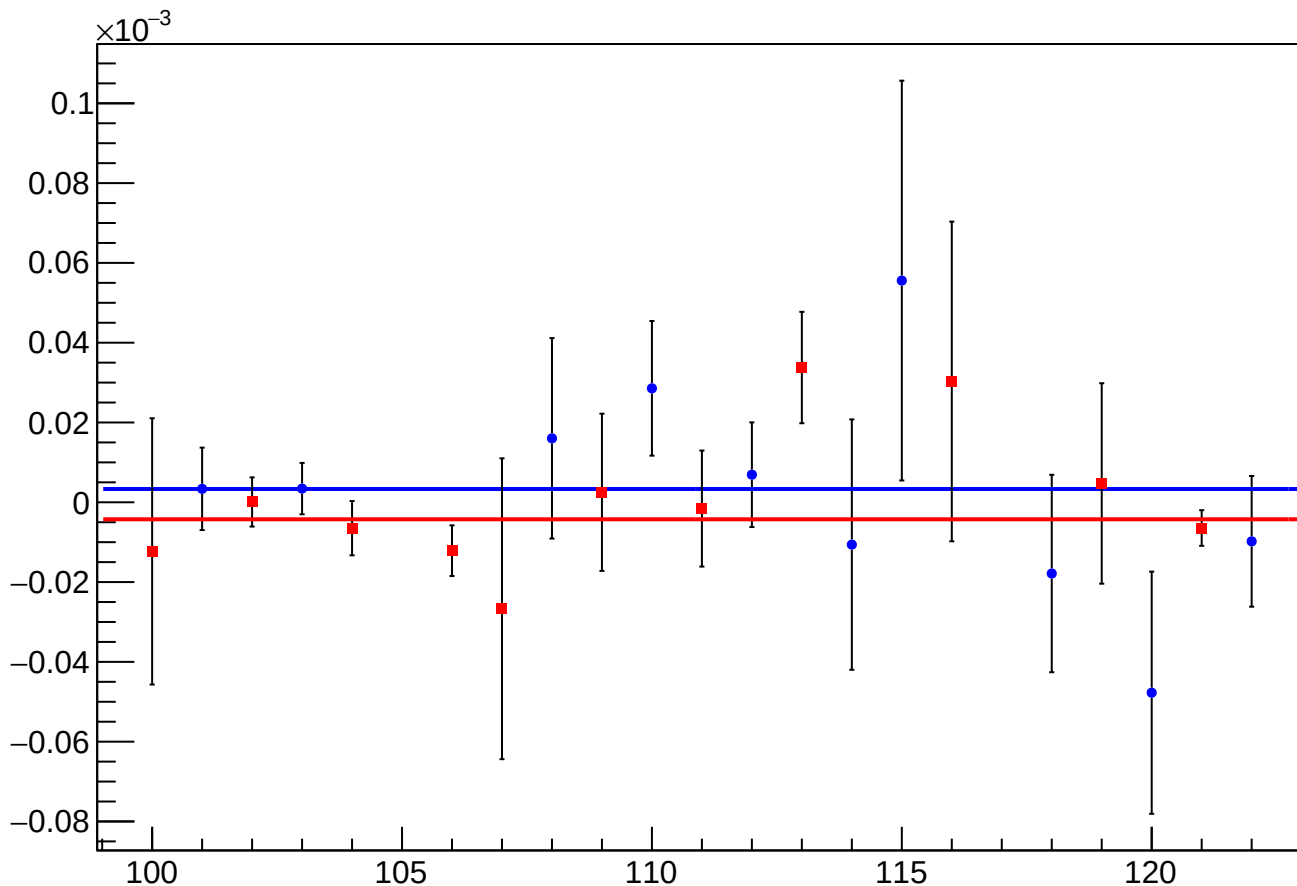
Right: 127.019+/-0.033 χ^2/NDF : 611500.1/20

In: 129.462+/-0.048 χ^2/NDF : 229813.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.019+/-0.033 χ^2/NDF : 611500.1/20

asym_usl_atl2_avg_eigen_dit_vs_dit_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 : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

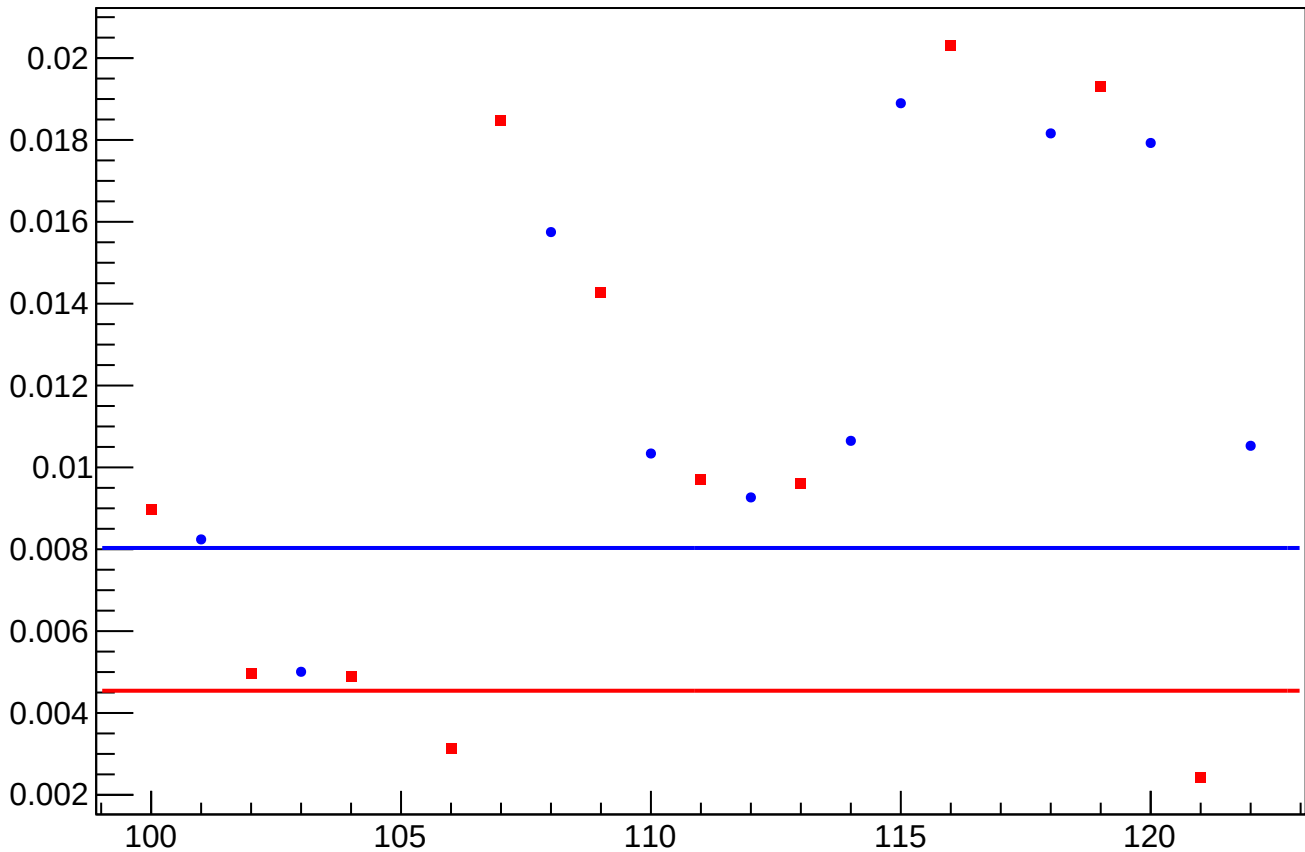
Right: -0.000+/-0.000 χ^2/NDF : 21.5/20

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 : 21.5/20

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1388520.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2876833.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

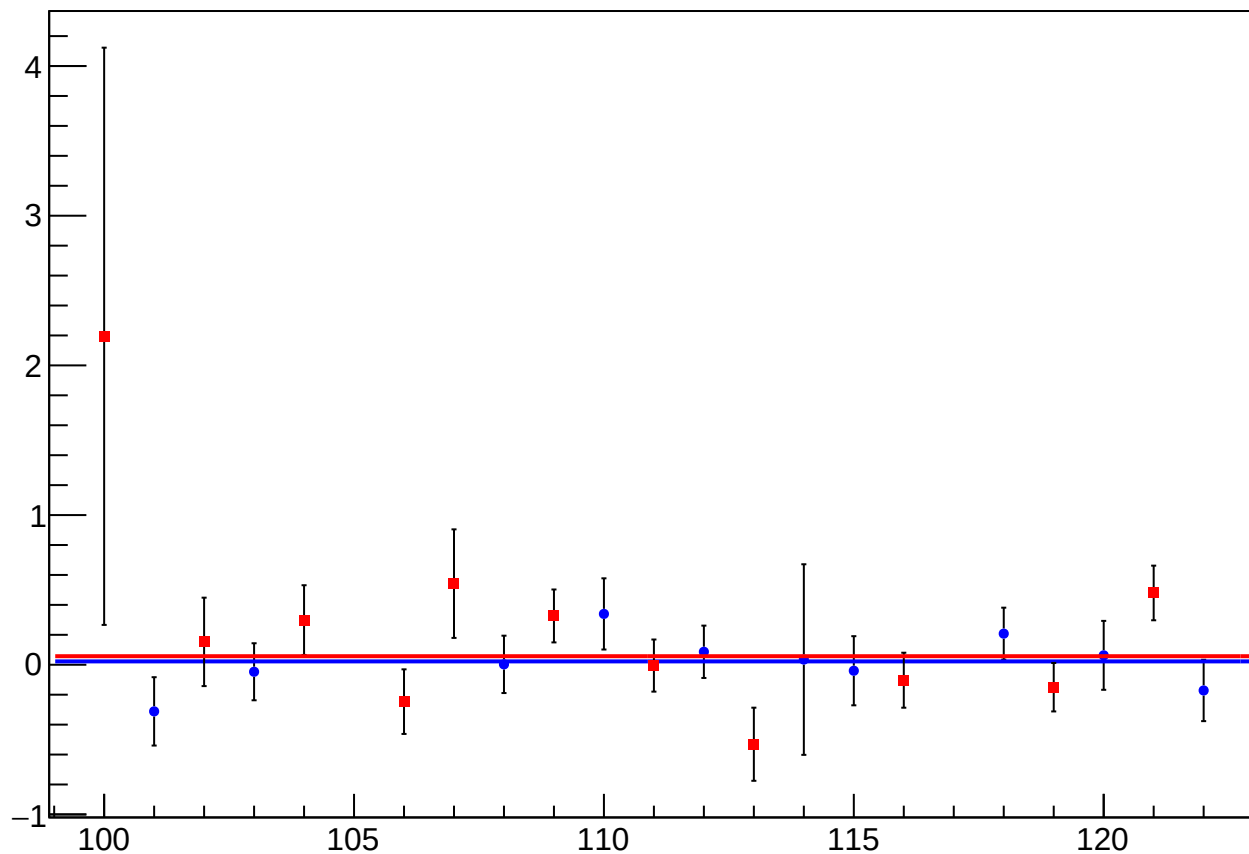
Right: 0.005+/-0.000 χ^2/NDF : 5189561.7/20

In: 0.008+/-0.000 χ^2/NDF : 1388520.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 5189561.7/20

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.067 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.065 χ^2/NDF : 22.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

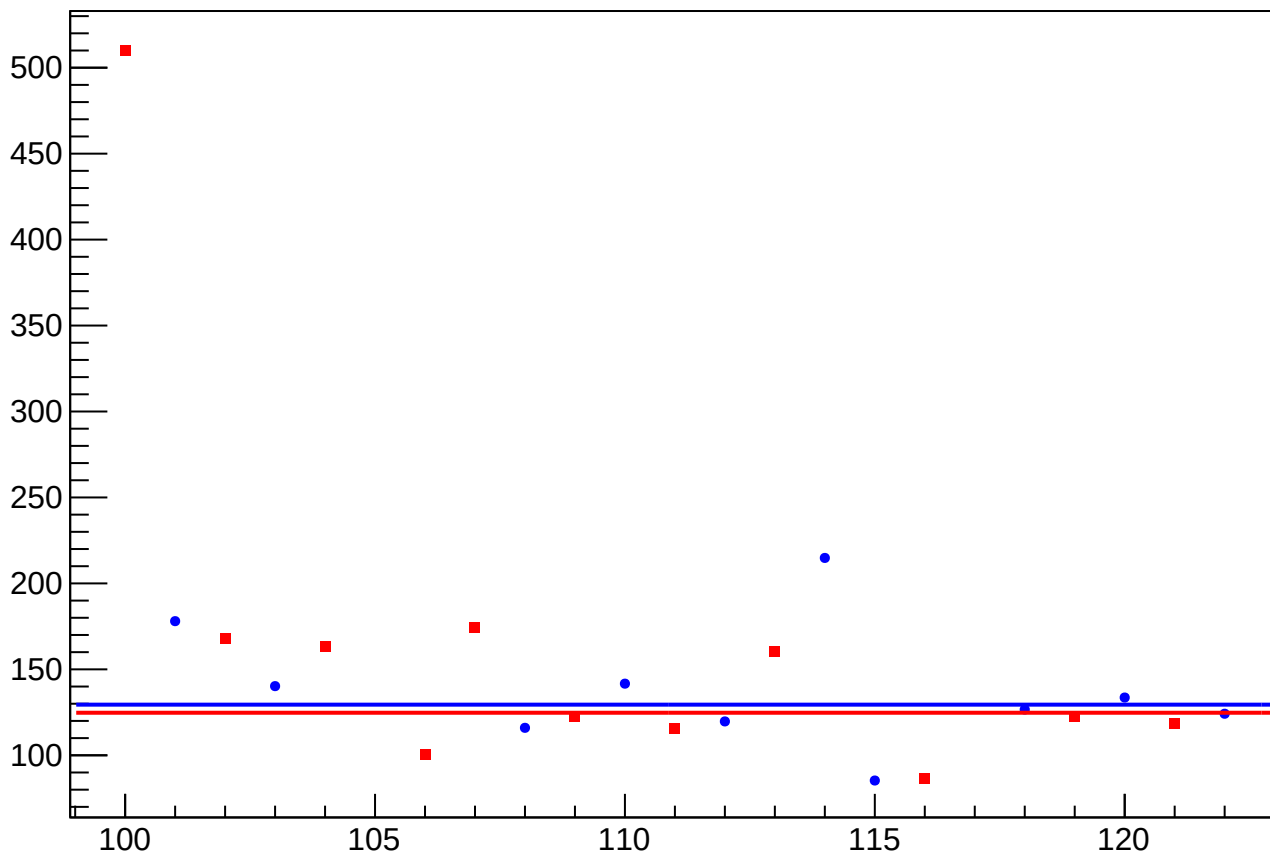
Right: 0.040+/-0.047 χ^2/NDF : 28.7/20

In: 0.022+/-0.067 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.047 χ^2/NDF : 28.7/20

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.463+/-0.048 χ^2/NDF : 229793.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.755+/-0.046 χ^2/NDF : 376561.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

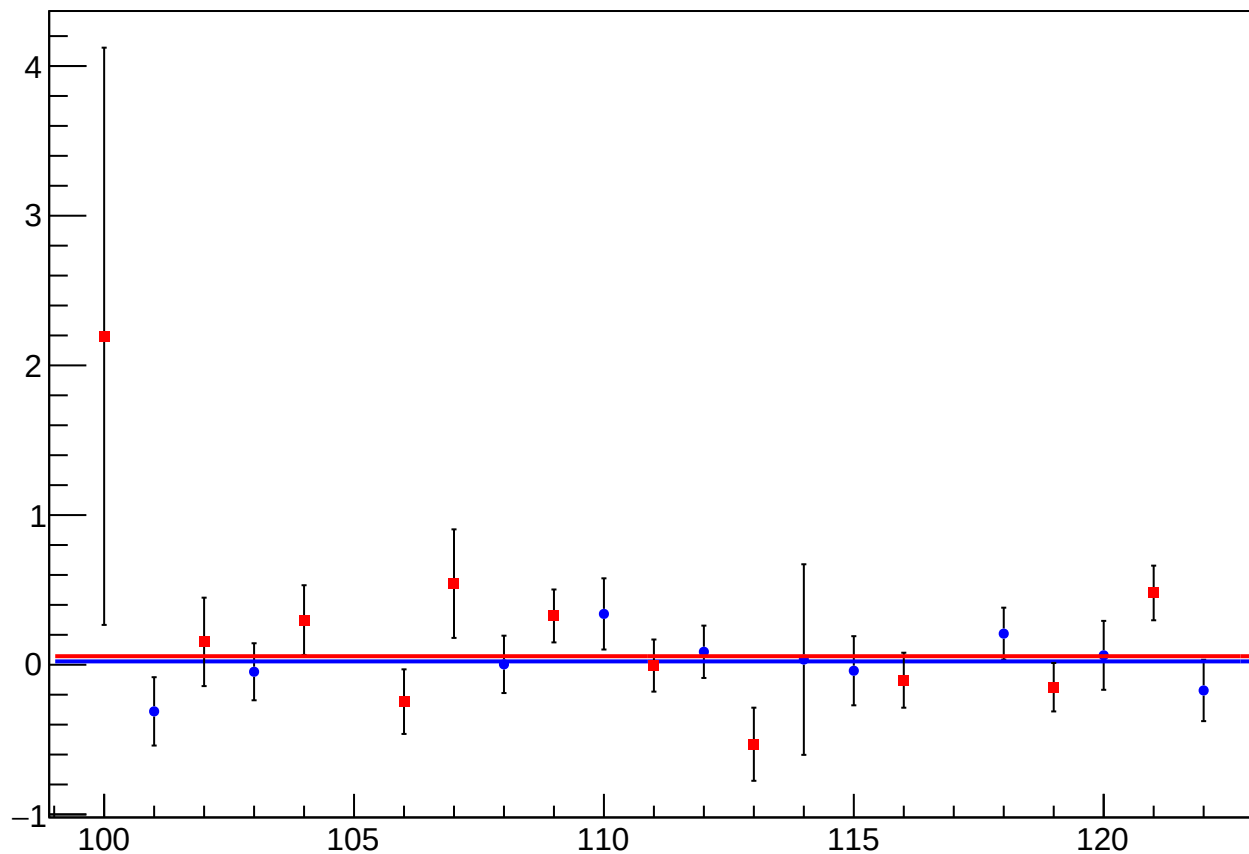
Right: 127.020+/-0.033 χ^2/NDF : 611448.9/20

In: 129.463+/-0.048 χ^2/NDF : 229793.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.020+/-0.033 χ^2/NDF : 611448.9/20

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.067 χ^2 /NDF: 6.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.057 $\pm$ 0.065 χ^2 /NDF: 22.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

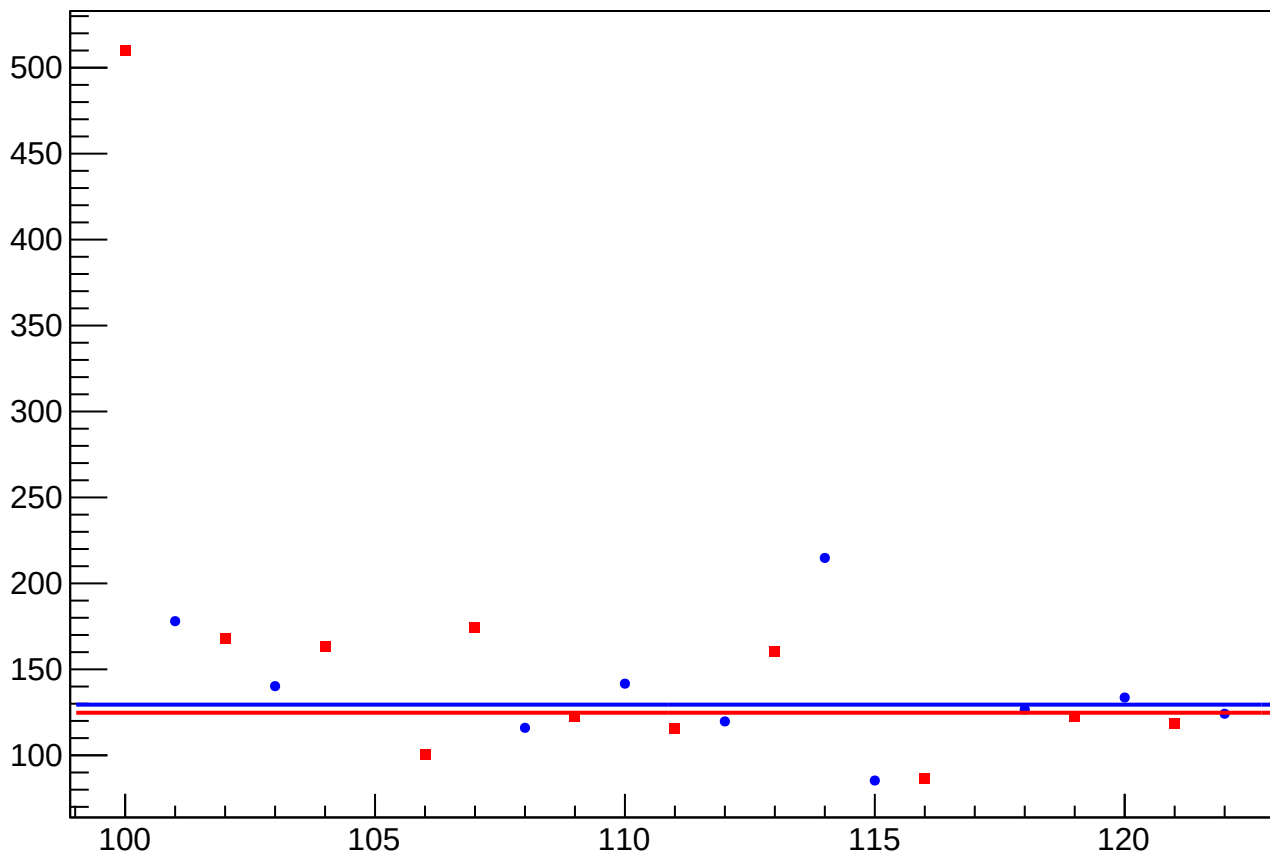
Right: 0.040 $\pm$ 0.047 χ^2 /NDF: 28.7/20

In: 0.022 $\pm$ 0.067 χ^2 /NDF:6.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.040 $\pm$ 0.047 χ^2 /NDF: 28.7/20

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.463+/-0.048 χ^2/NDF : 229793.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.755+/-0.046 χ^2/NDF : 376561.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

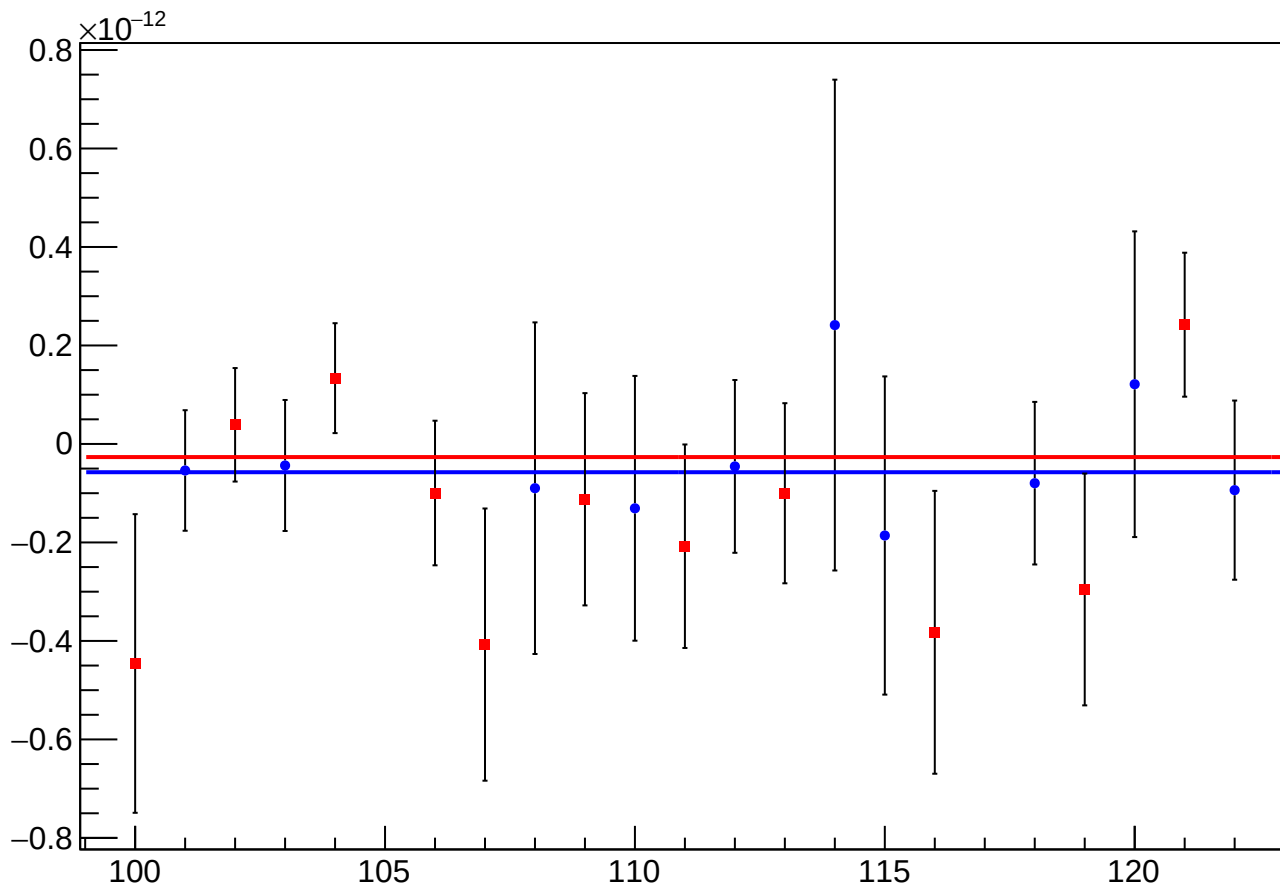
Right: 127.020+/-0.033 χ^2/NDF : 611448.9/20

In: 129.463+/-0.048 χ^2/NDF : 229793.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.020+/-0.033 χ^2/NDF : 611448.9/20

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

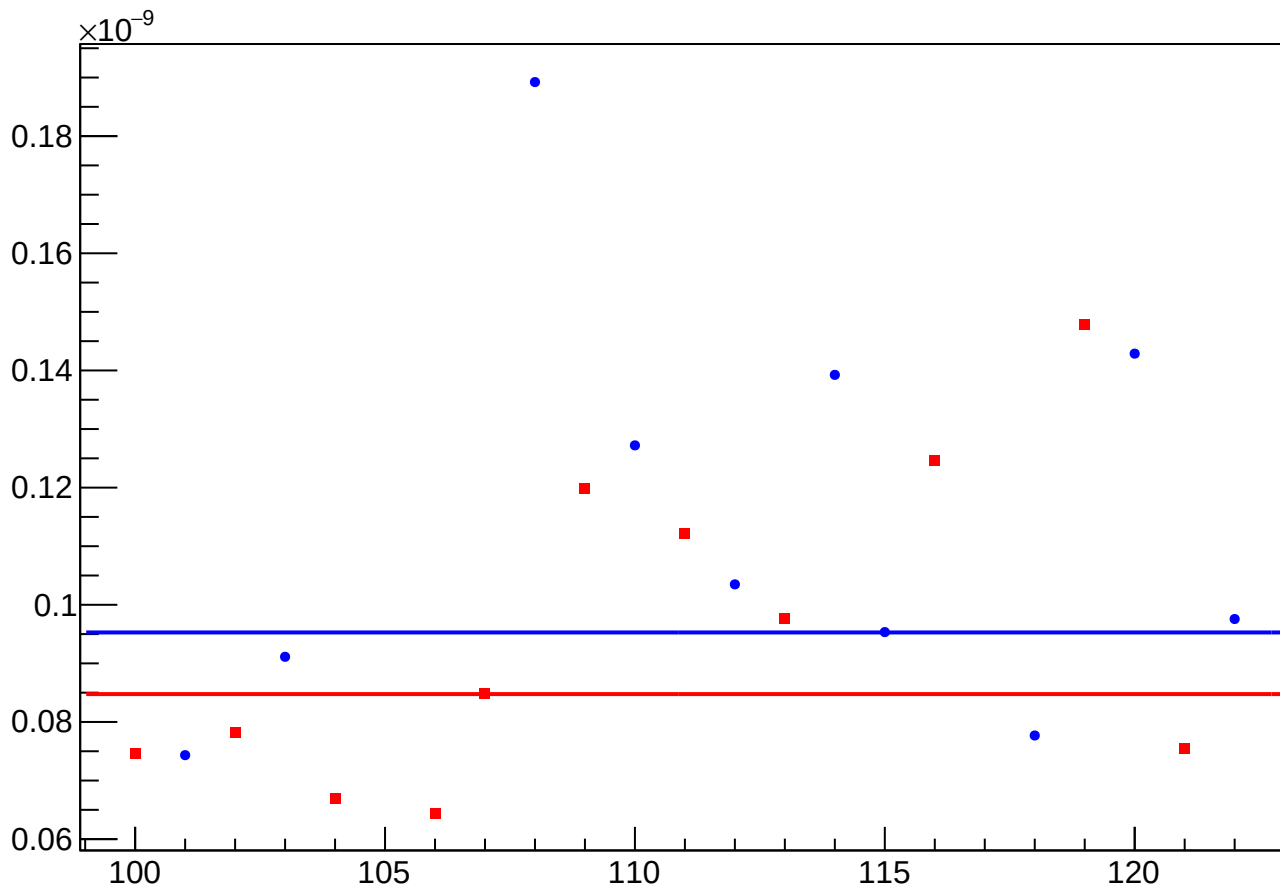
Right: -0.000+/-0.000 χ^2/NDF : 14.9/20

In: -0.000+/-0.000 χ^2/NDF :1.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.9/20

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 334415.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 386678.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

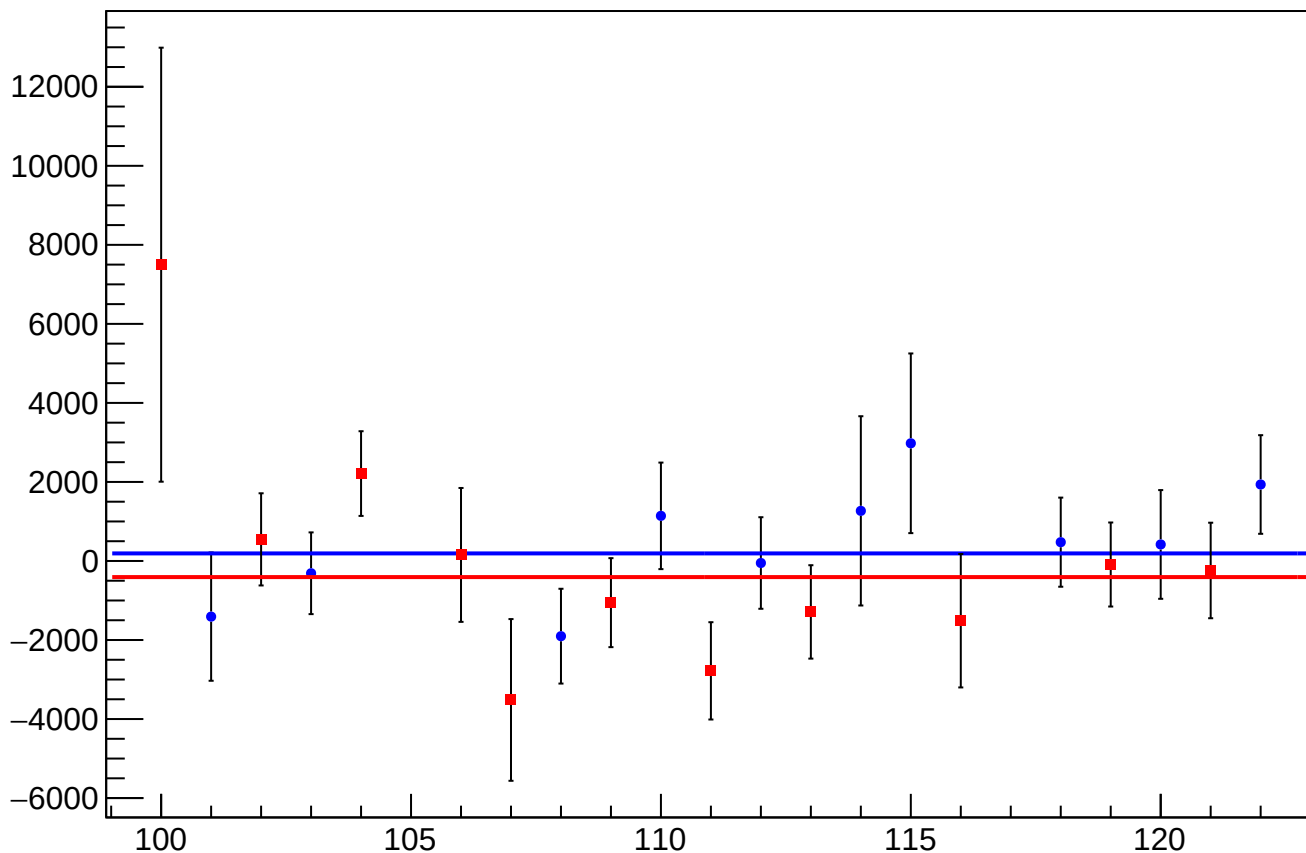
Right: 0.000+/-0.000 χ^2/NDF : 755899.6/20

In: 0.000+/-0.000 χ^2/NDF : 334415.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 755899.6/20

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 191.395+/-421.457 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -407.733+/-398.086 χ^2/NDF : 16.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

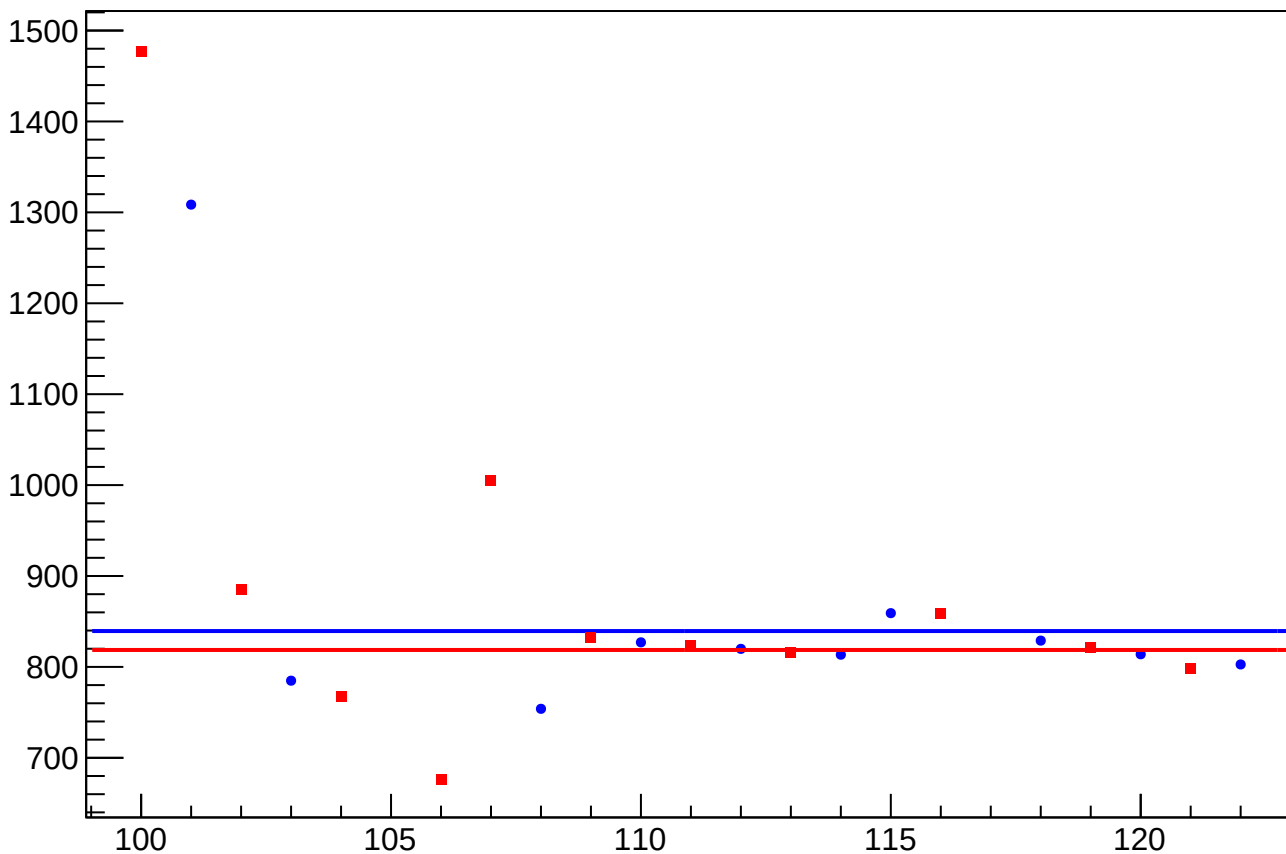
Right: -125.241+/-289.399 χ^2/NDF : 25.9/20

In: 191.395+/-421.457 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -125.241+/-289.399 χ^2/NDF : 25.9/20

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.447+/-0.298 χ^2/NDF : 186460.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 818.645+/-0.276 χ^2/NDF : 82551.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

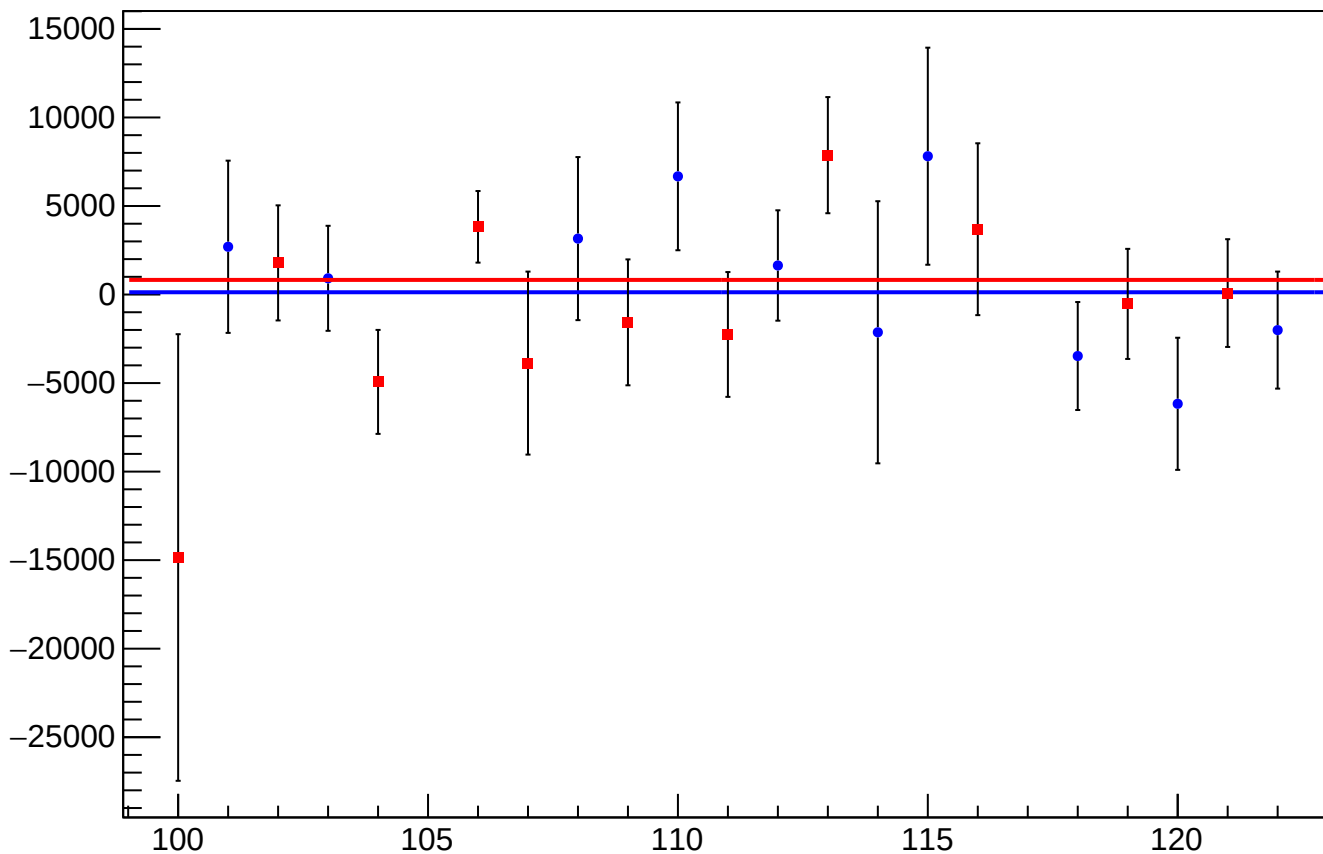
Right: 828.257+/-0.203 χ^2/NDF : 271632.0/20

In: 839.447+/-0.298 χ^2/NDF : 186460.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 828.257+/-0.203 χ^2/NDF : 271632.0/20

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 128.798+/-1213.335 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 826.086+/-997.230 χ^2/NDF : 14.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

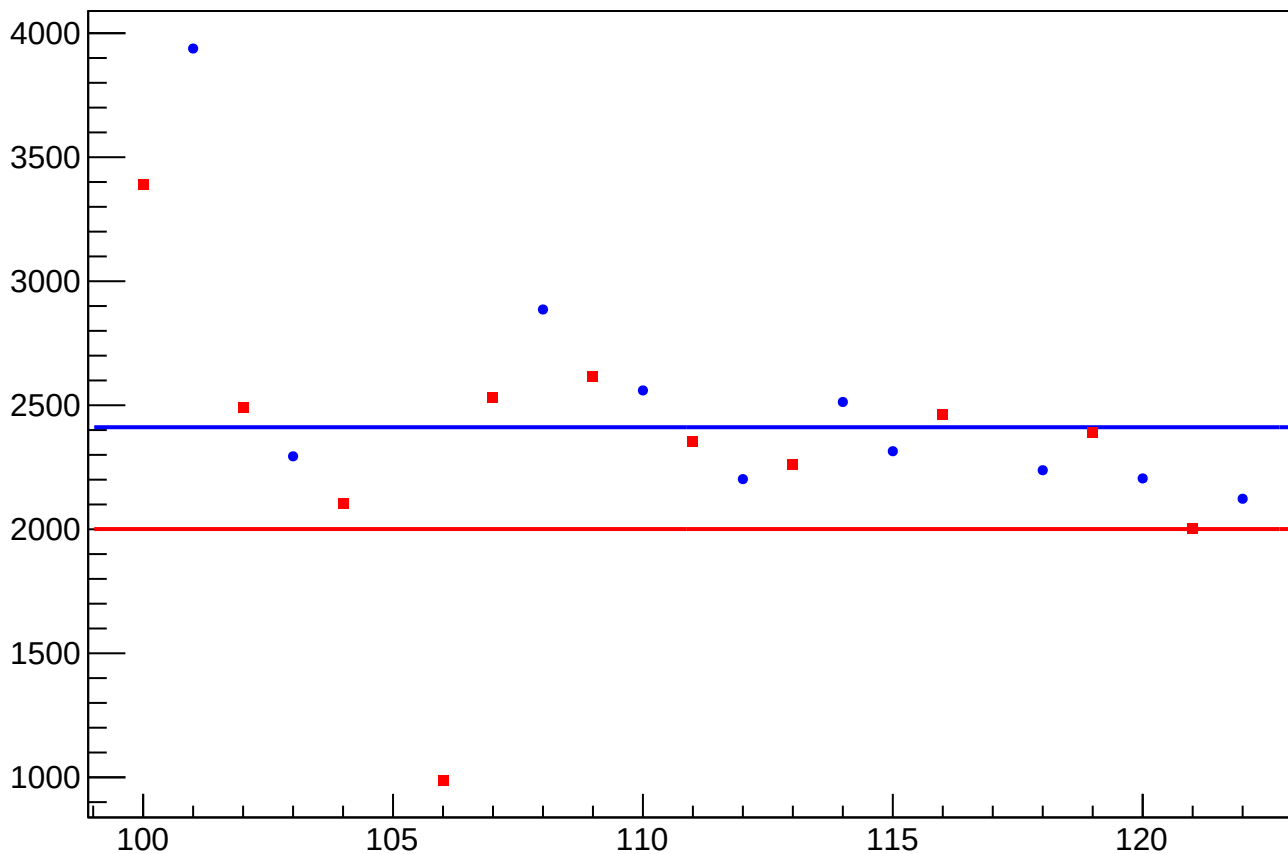
Right: 544.963+/-770.411 χ^2/NDF : 24.9/20

In: 128.798+/-1213.335 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.963+/-770.411 χ^2/NDF : 24.9/20

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2411.436+/-0.858 χ^2/NDF : 261689.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2000.913+/-0.705 χ^2/NDF : 737815.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

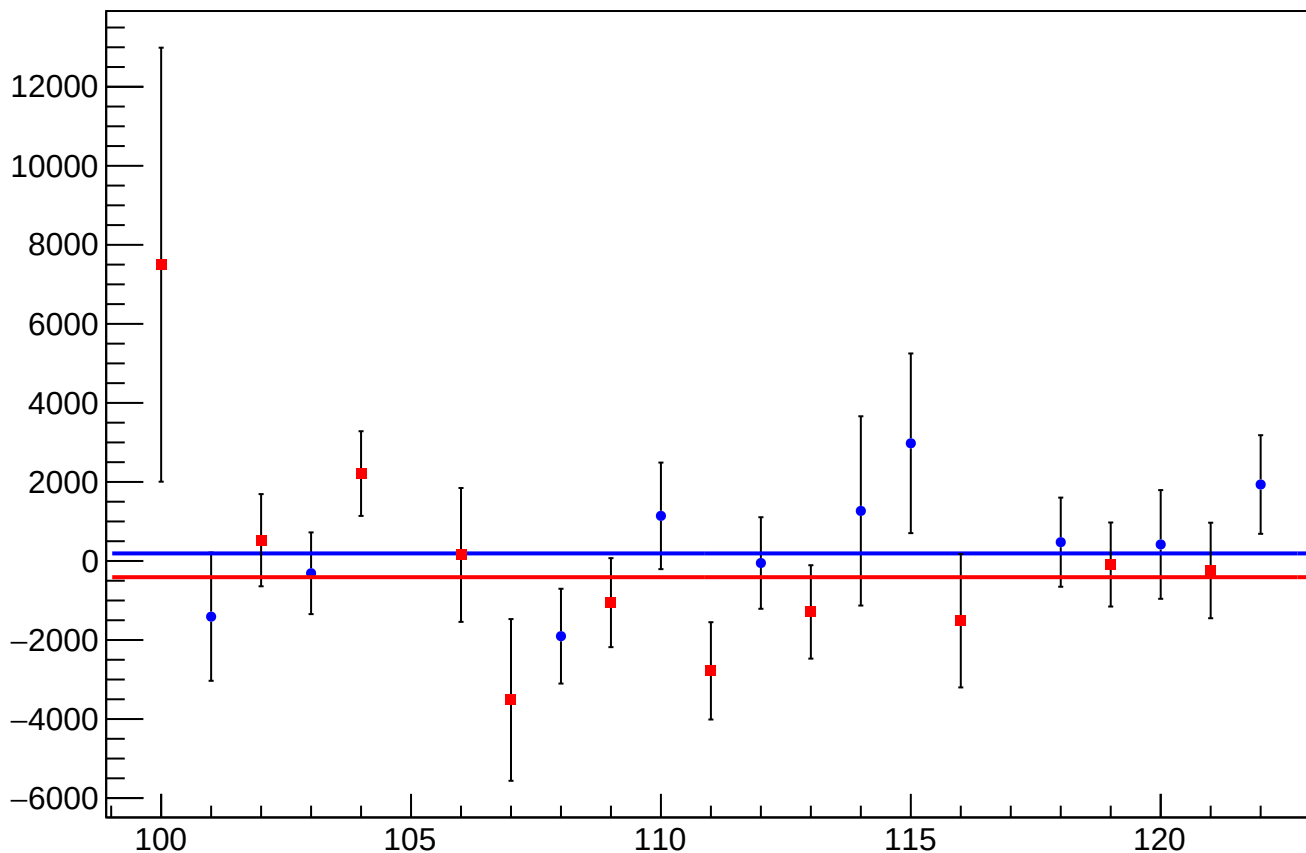
Right: 2166.422+/-0.545 χ^2/NDF : 1136151.0/20

In: 2411.436+/-0.858 χ^2/NDF : 261689.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2166.422+/-0.545 χ^2/NDF : 1136151.0/20

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 191.255+/-421.457 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -410.241+/-398.095 χ^2/NDF : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

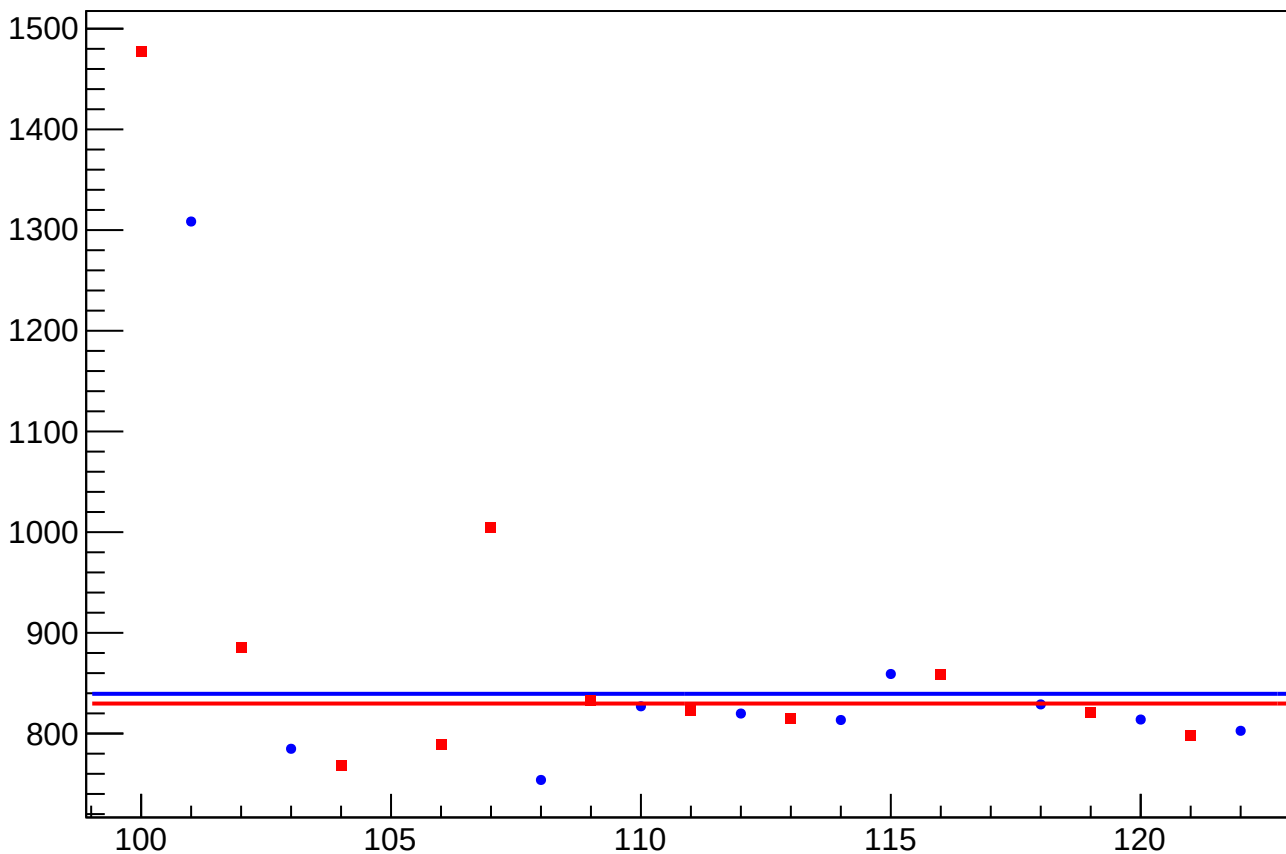
Right: -126.625+/-289.402 χ^2/NDF : 25.9/20

In: 191.255+/-421.457 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.625+/-289.402 χ^2/NDF : 25.9/20

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.446+/-0.298 χ^2/NDF : 186459.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 829.778+/-0.279 χ^2/NDF : 57600.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

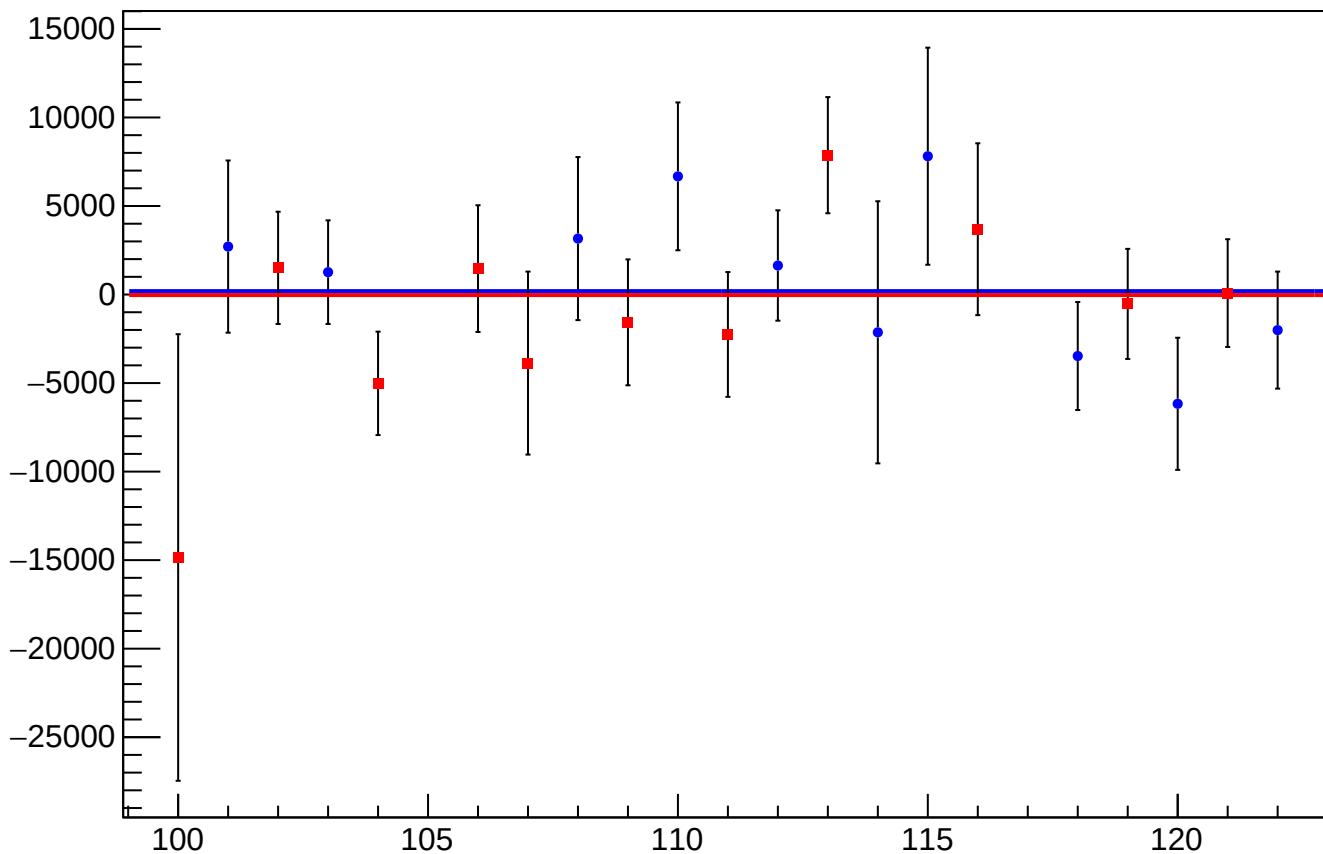
Right: 834.299+/-0.204 χ^2/NDF : 244620.9/20

In: 839.446+/-0.298 χ^2/NDF : 186459.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.299+/-0.204 χ^2/NDF : 244620.9/20

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 192.315+/-1210.626 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.373+/-1087.834 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

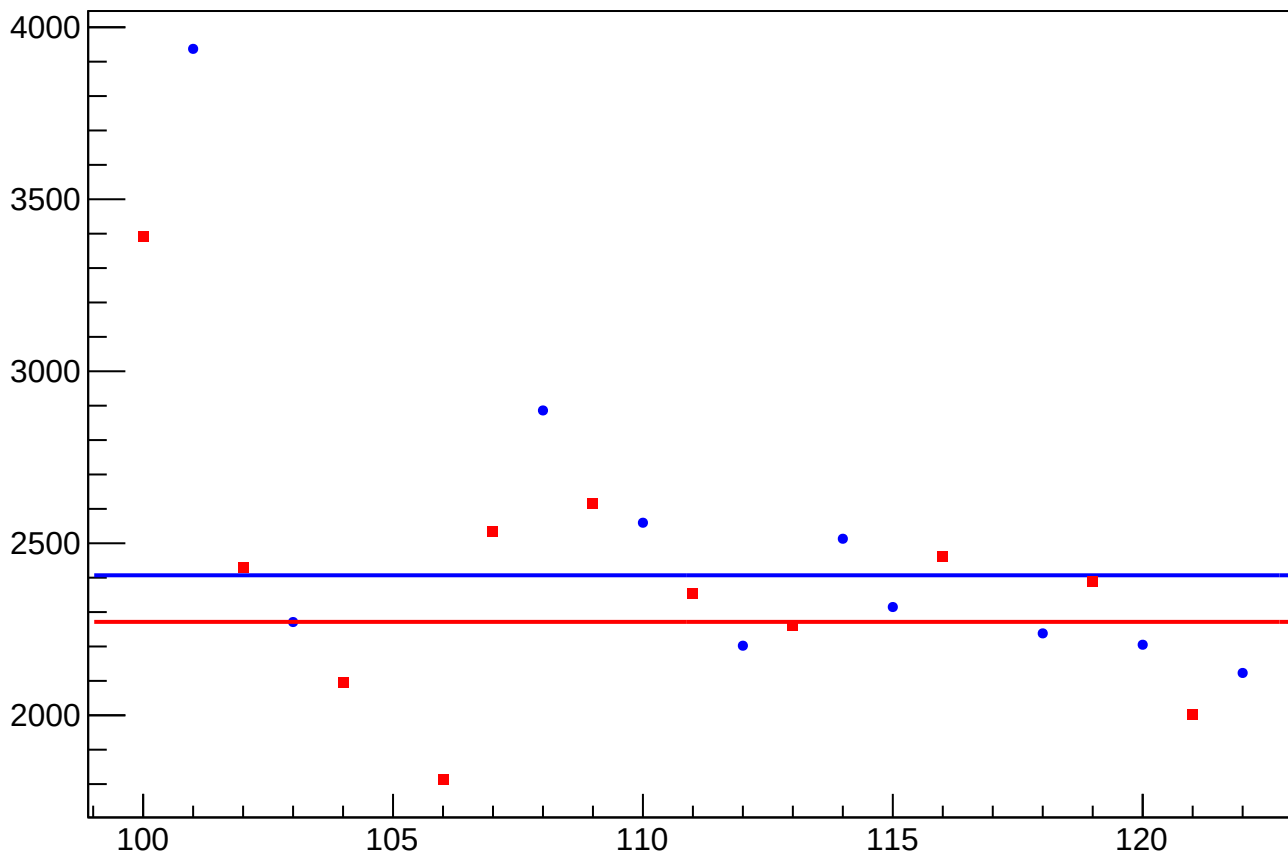
Right: 69.108+/-809.155 χ^2/NDF : 22.2/20

In: 192.315+/-1210.626 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.108+/-809.155 χ^2/NDF : 22.2/20

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2406.948+/-0.856 χ^2/NDF : 262982.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2271.533+/-0.769 χ^2/NDF : 107798.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

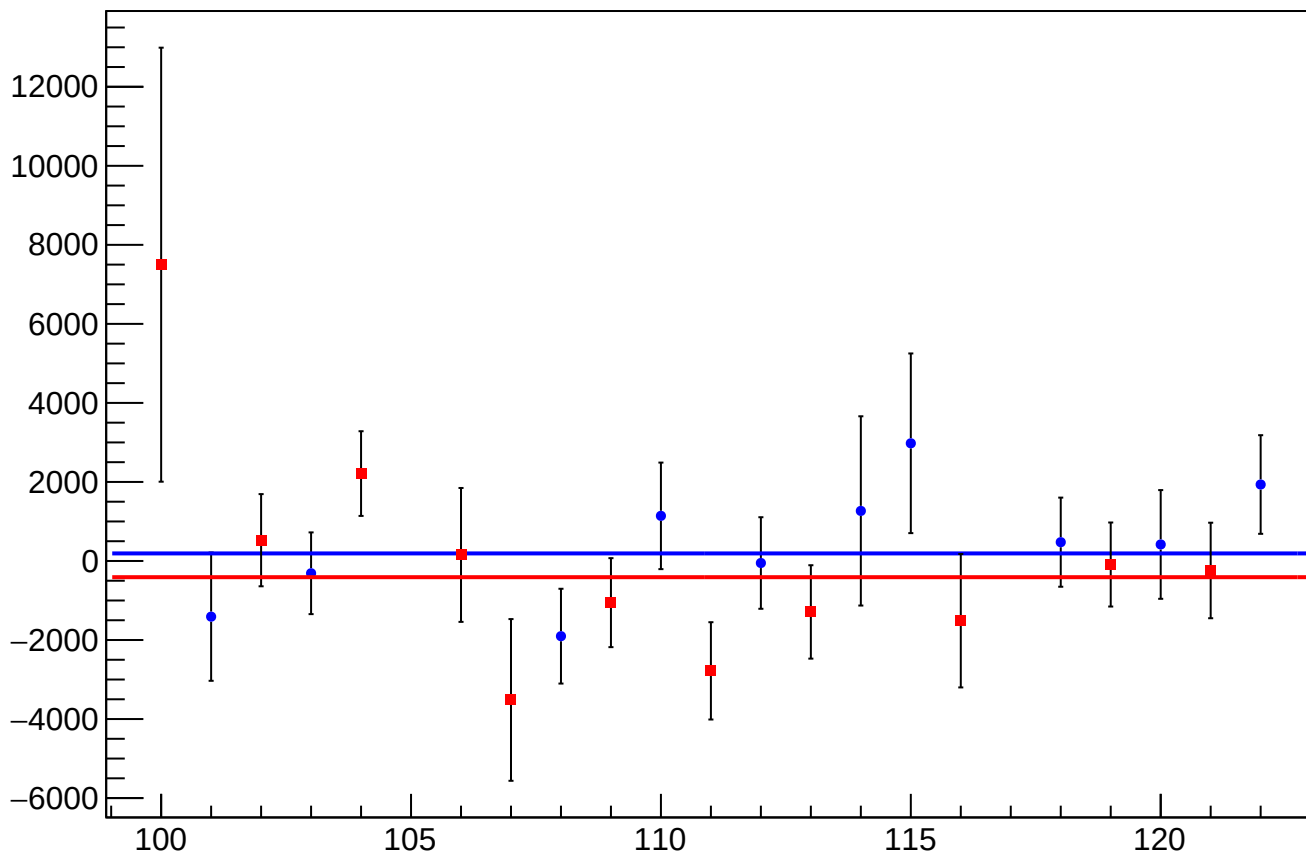
Right: 2332.027+/-0.572 χ^2/NDF : 384625.2/20

In: 2406.948+/-0.856 χ^2/NDF : 262982.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2332.027+/-0.572 χ^2/NDF : 384625.2/20

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 191.255+/-421.457 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -410.241+/-398.095 χ^2/NDF : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

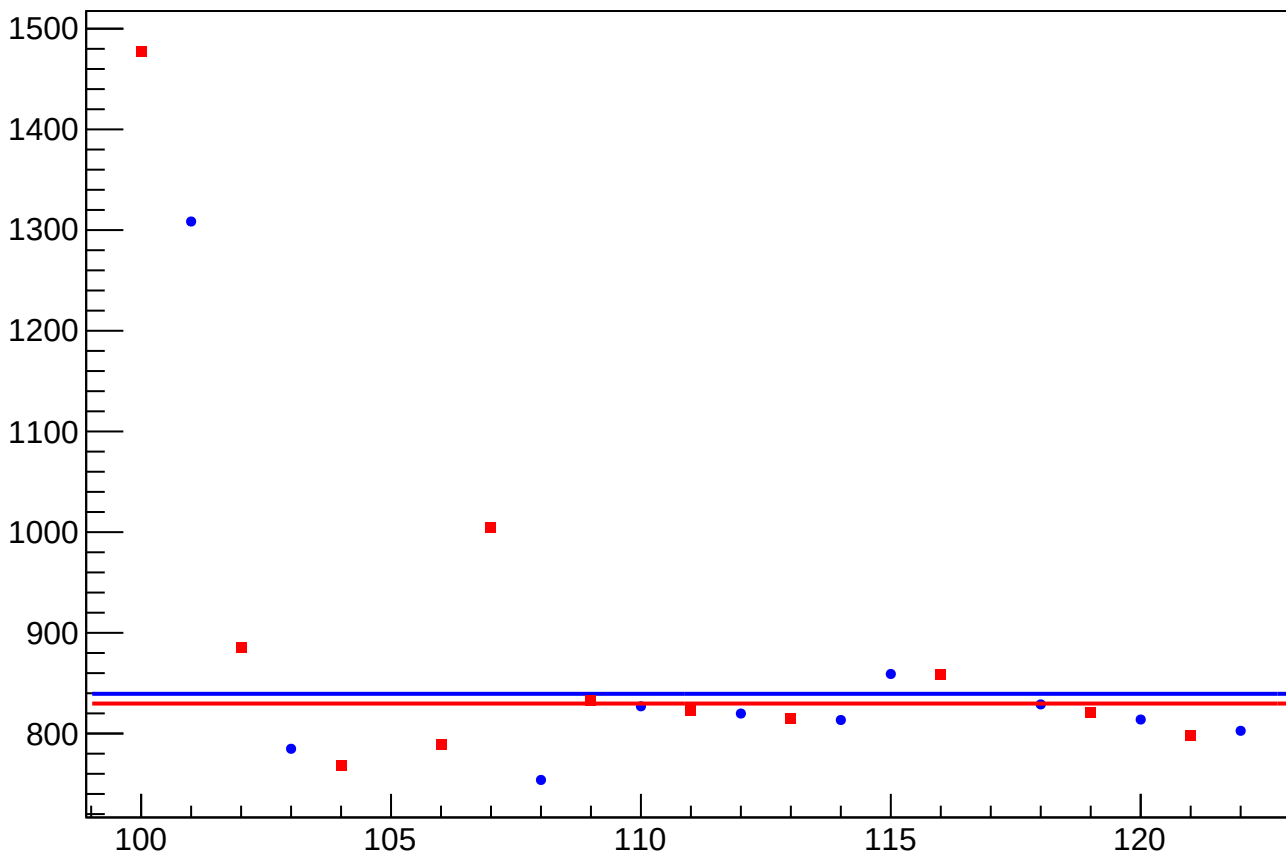
Right: -126.625+/-289.402 χ^2/NDF : 25.9/20

In: 191.255+/-421.457 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.625+/-289.402 χ^2/NDF : 25.9/20

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.446+/-0.298 χ^2/NDF : 186459.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 829.778+/-0.279 χ^2/NDF : 57600.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

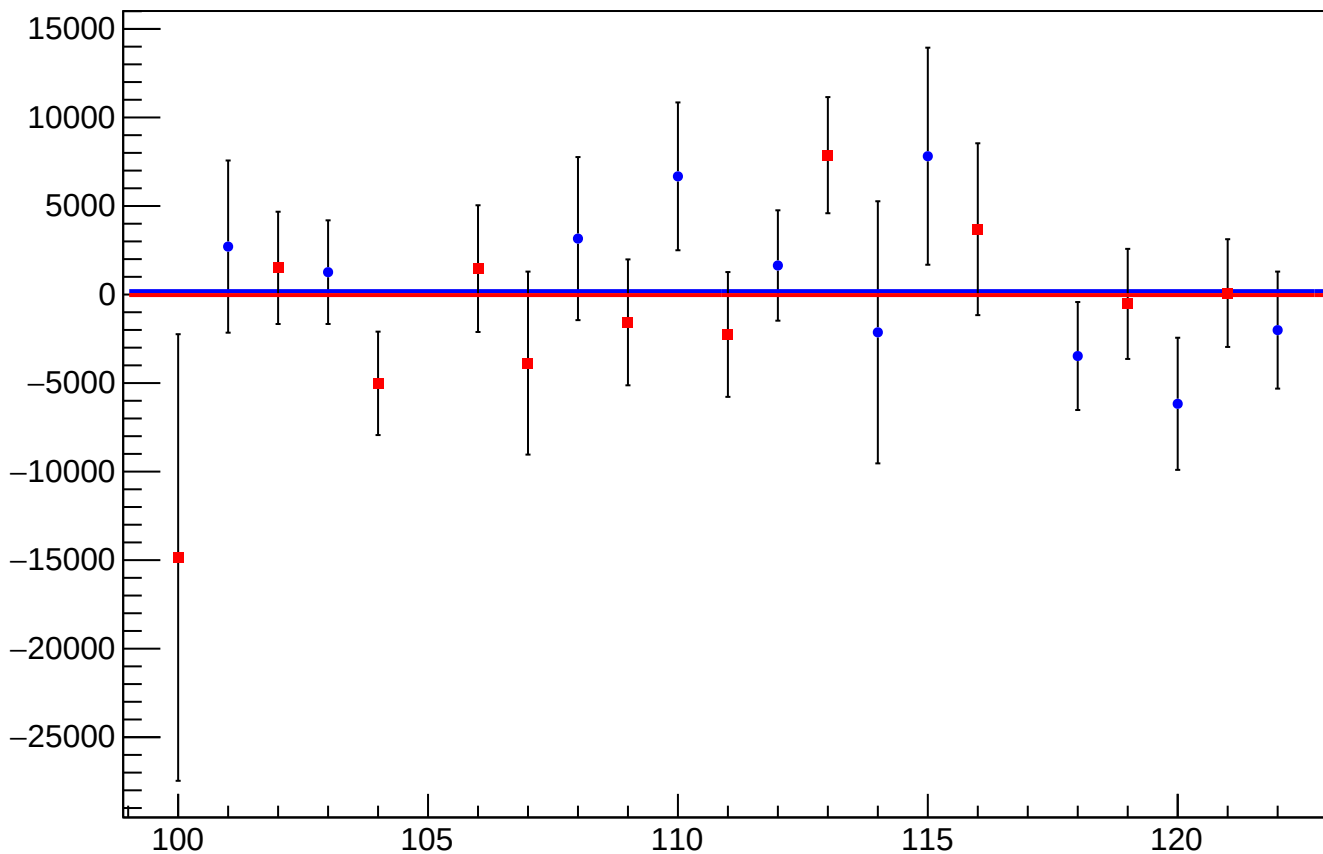
Right: 834.299+/-0.204 χ^2/NDF : 244620.9/20

In: 839.446+/-0.298 χ^2/NDF : 186459.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.299+/-0.204 χ^2/NDF : 244620.9/20

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 192.315+/-1210.626 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.373+/-1087.834 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

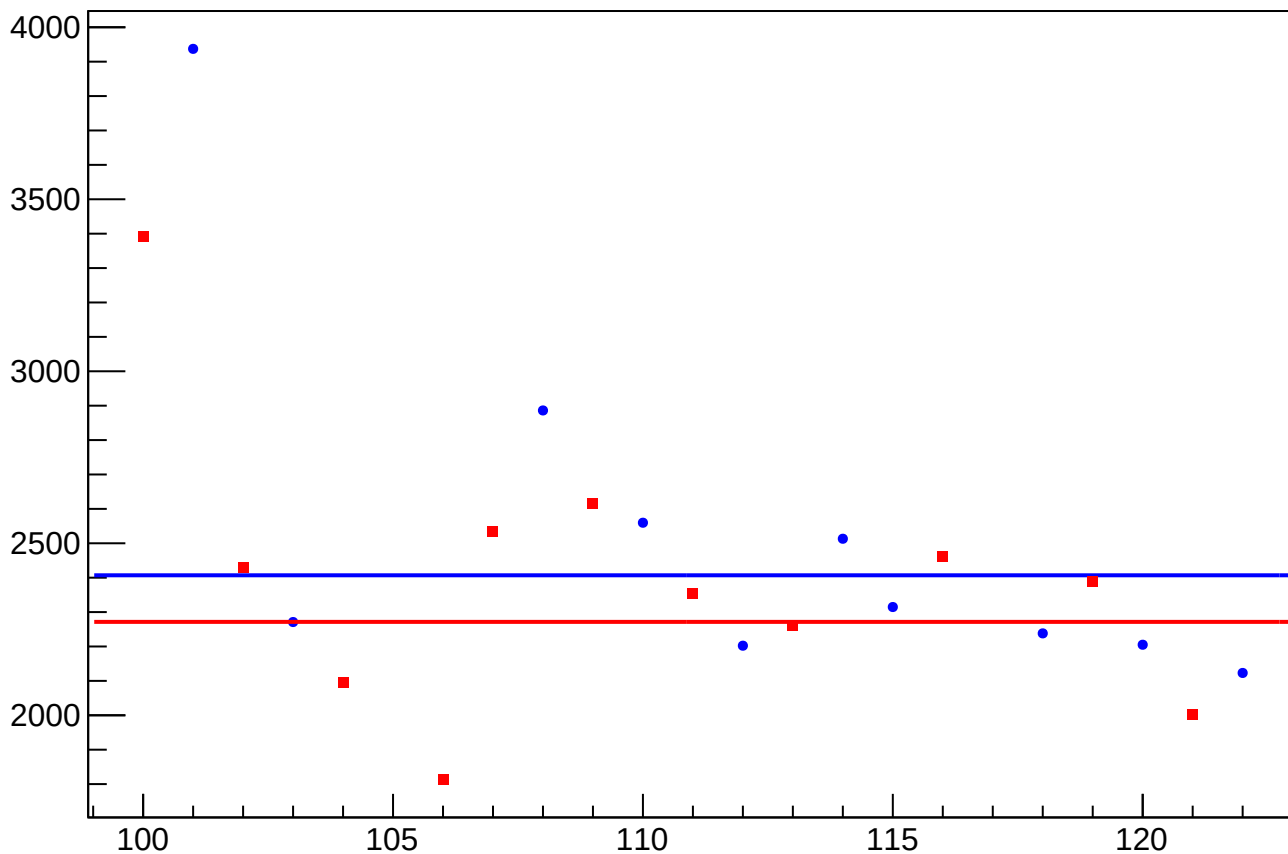
Right: 69.108+/-809.155 χ^2/NDF : 22.2/20

In: 192.315+/-1210.626 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.108+/-809.155 χ^2/NDF : 22.2/20

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2406.948+/-0.856 χ^2/NDF : 262982.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2271.533+/-0.769 χ^2/NDF : 107798.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

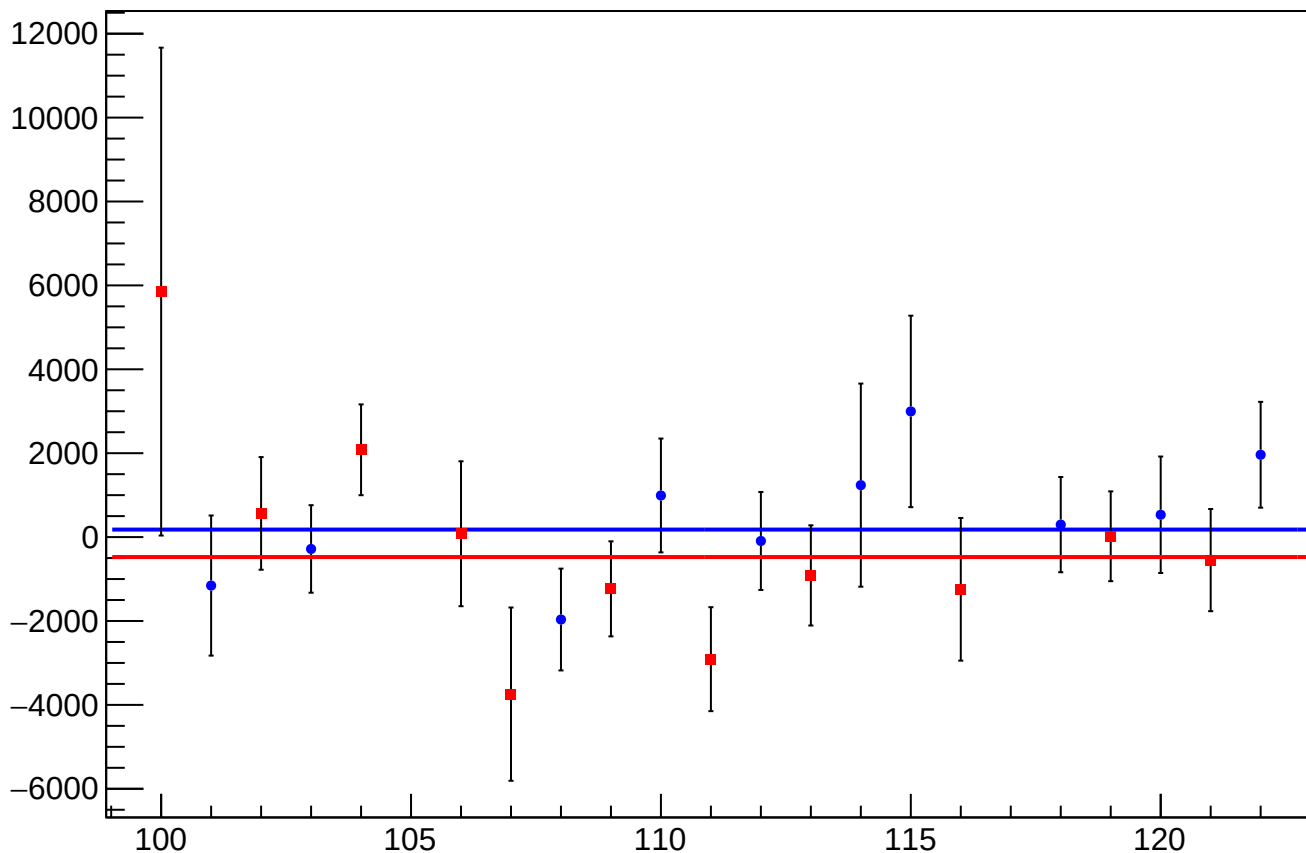
Right: 2332.027+/-0.572 χ^2/NDF : 384625.2/20

In: 2406.948+/-0.856 χ^2/NDF : 262982.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2332.027+/-0.572 χ^2/NDF : 384625.2/20

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 179.357+/-425.656 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.454+/-407.179 χ^2/NDF : 14.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

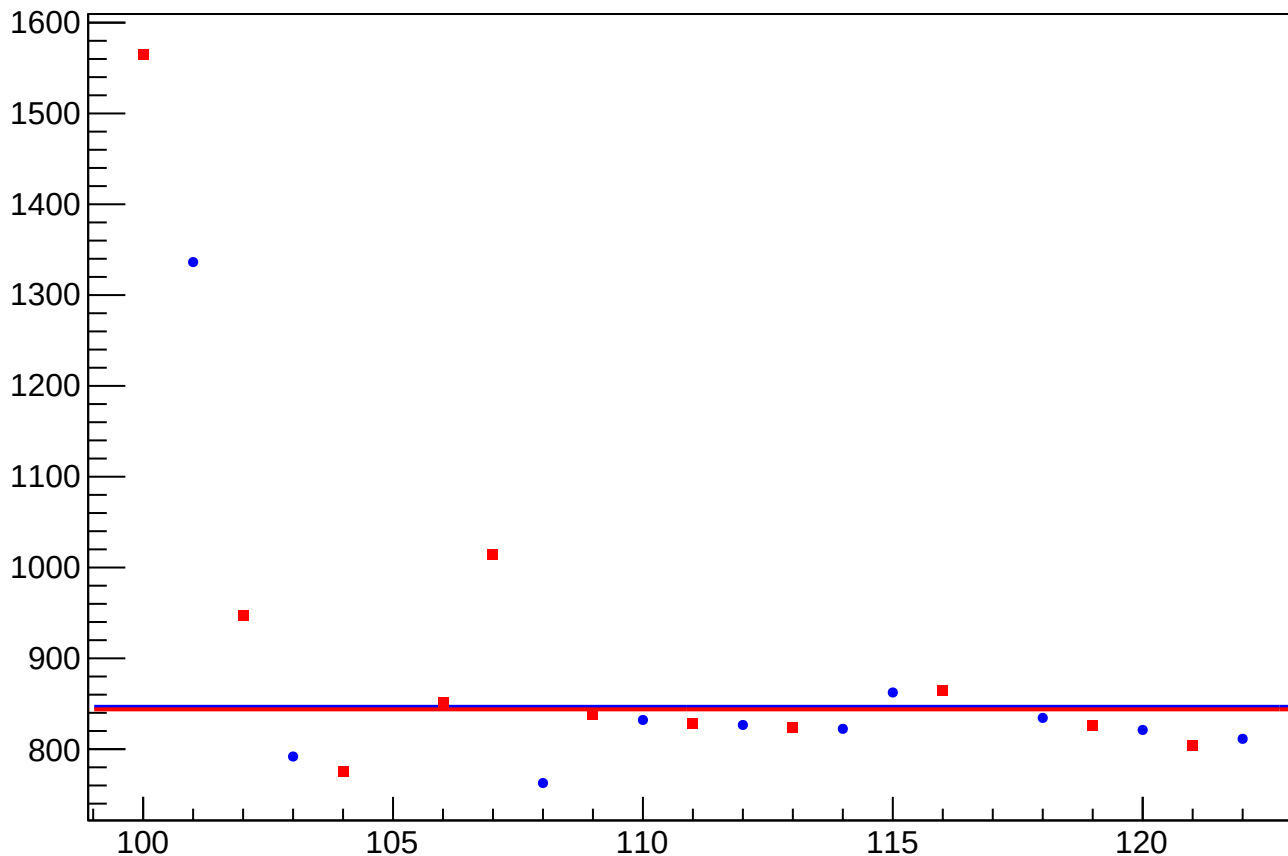
Right: -162.569+/-294.234 χ^2/NDF : 24.2/20

In: 179.357+/-425.656 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.569+/-294.234 χ^2/NDF : 24.2/20

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 846.598+/-0.301 χ^2/NDF : 190629.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 843.833+/-0.287 χ^2/NDF : 68207.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

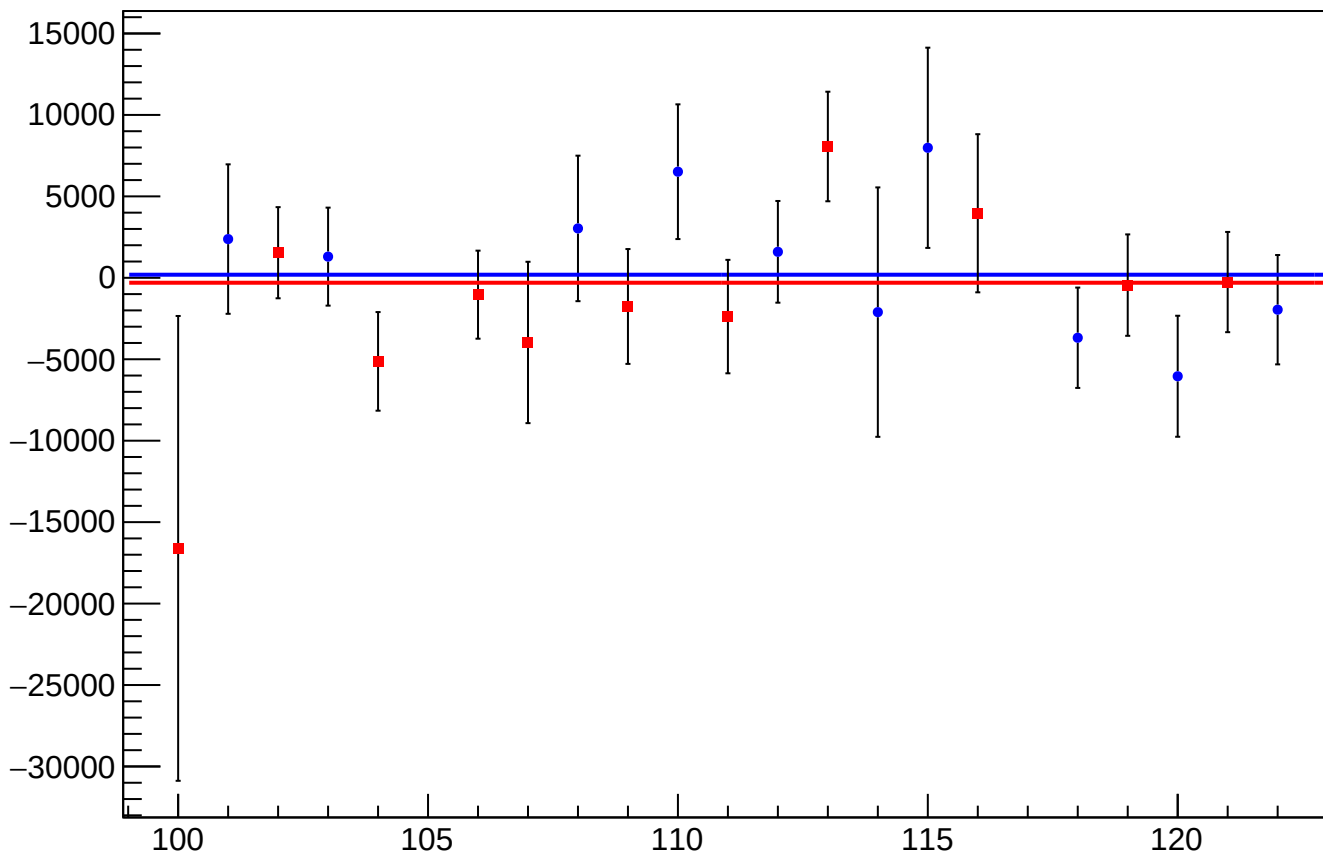
Right: 845.152+/-0.208 χ^2/NDF : 258880.9/20

In: 846.598+/-0.301 χ^2/NDF : 190629.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 845.152+/-0.208 χ^2/NDF : 258880.9/20

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 190.200+/-1213.287 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -302.188+/-1041.467 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

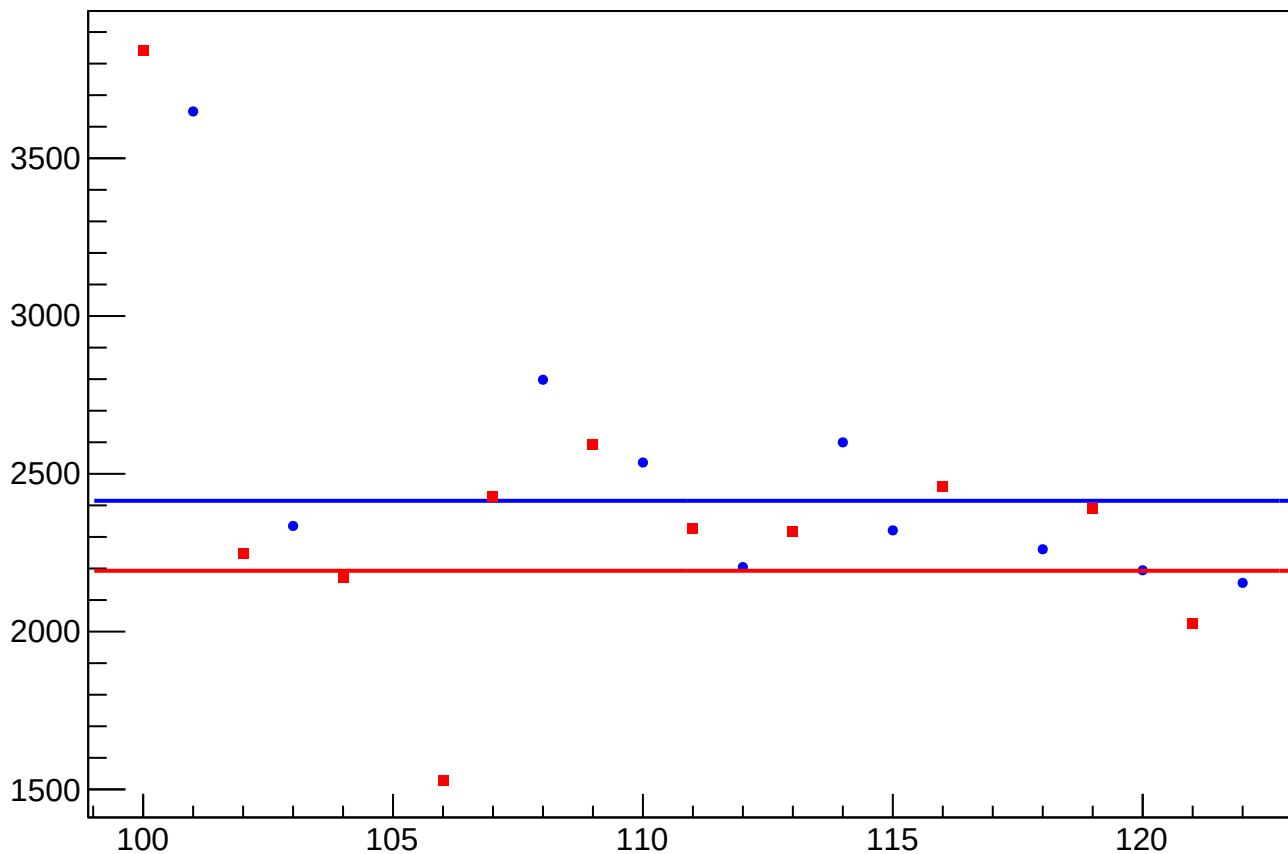
Right: -93.299+/-790.255 χ^2/NDF : 22.3/20

In: 190.200+/-1213.287 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -93.299+/-790.255 χ^2/NDF : 22.3/20

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2414.539+/-0.858 χ^2/NDF : 197217.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.798+/-0.736 χ^2/NDF : 204297.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

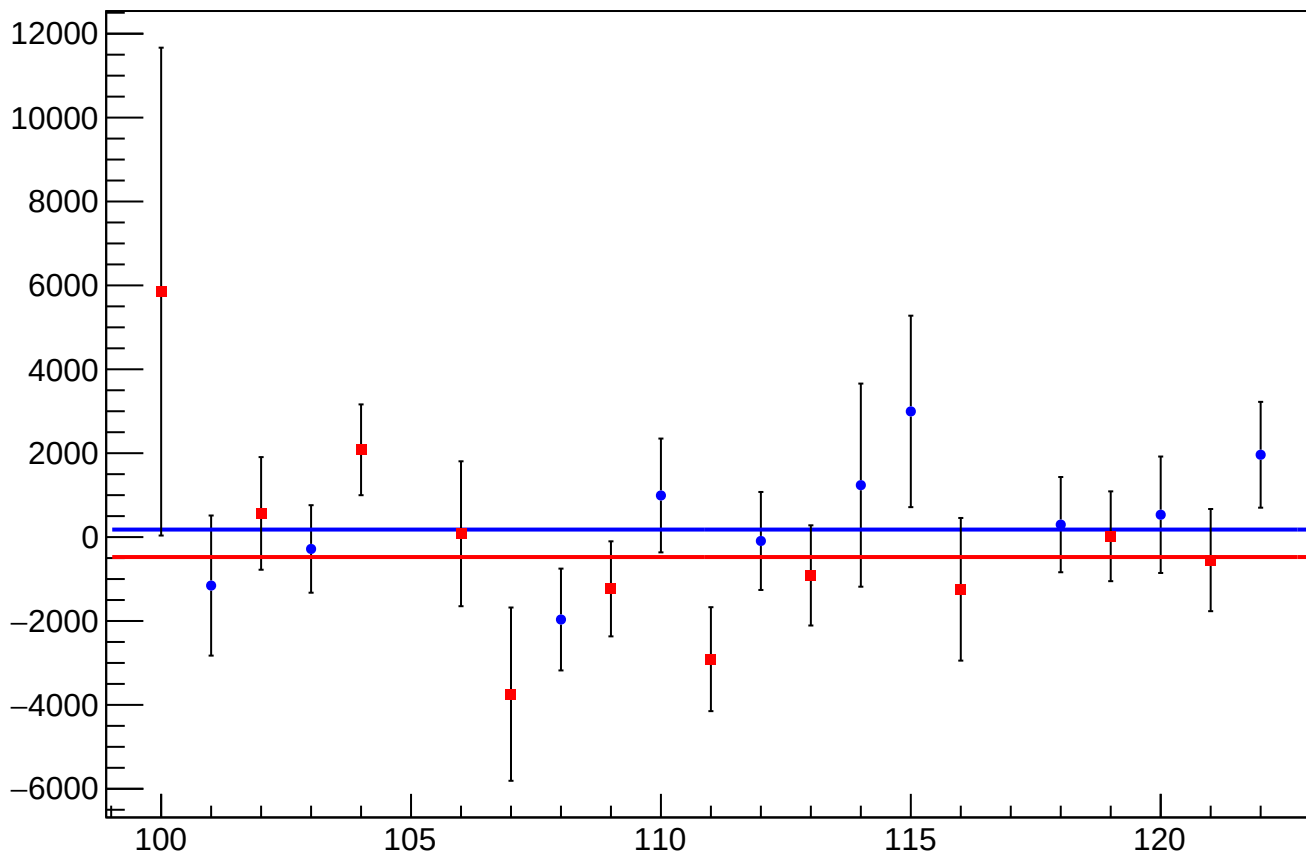
Right: 2286.869+/-0.559 χ^2/NDF : 439977.5/20

In: 2414.539+/-0.858 χ^2/NDF : 197217.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2286.869+/-0.559 χ^2/NDF : 439977.5/20

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 179.357+/-425.656 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.463+/-407.179 χ^2/NDF : 14.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

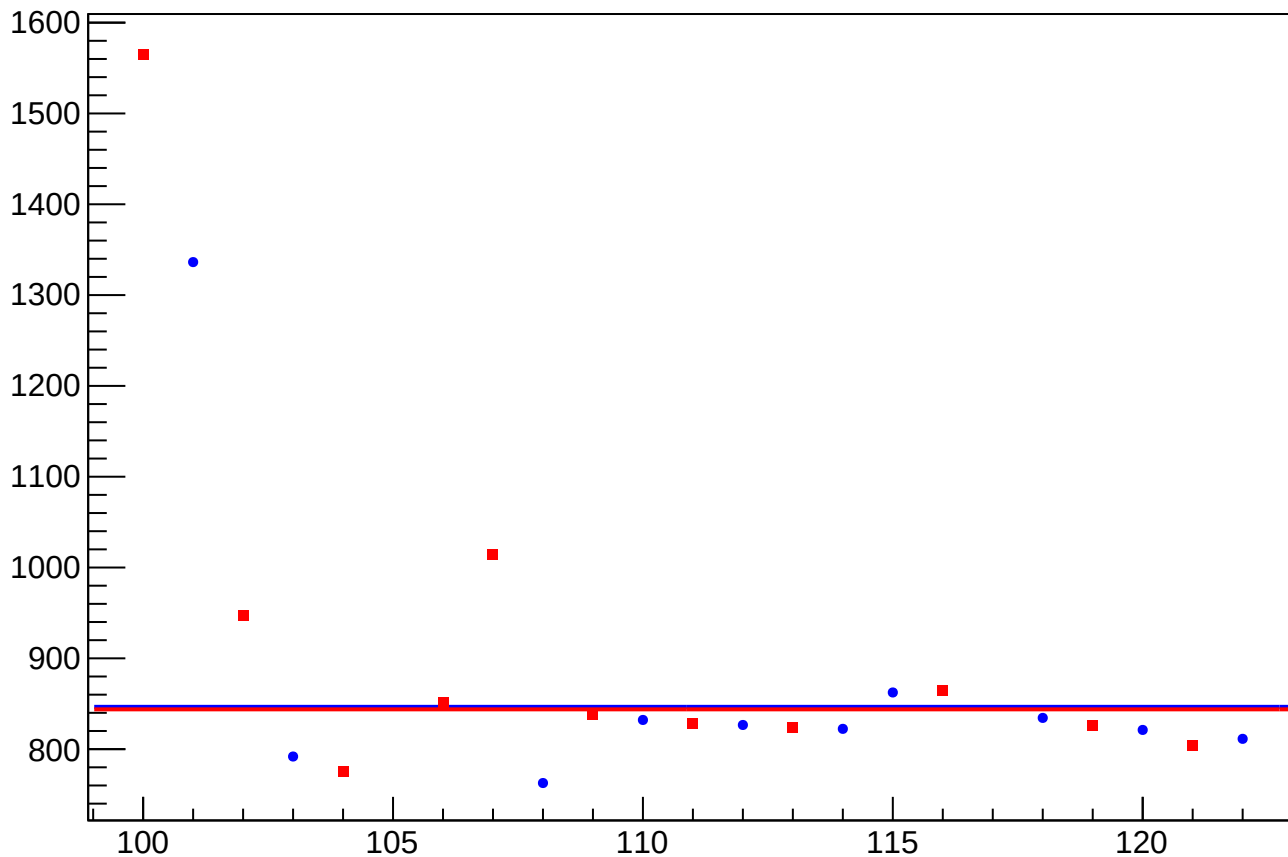
Right: -162.574+/-294.234 χ^2/NDF : 24.2/20

In: 179.357+/-425.656 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.574+/-294.234 χ^2/NDF : 24.2/20

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 846.598 $\pm$ 0.301 χ^2 /NDF: 190629.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 843.833 $\pm$ 0.287 χ^2 /NDF: 68207.0/10

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

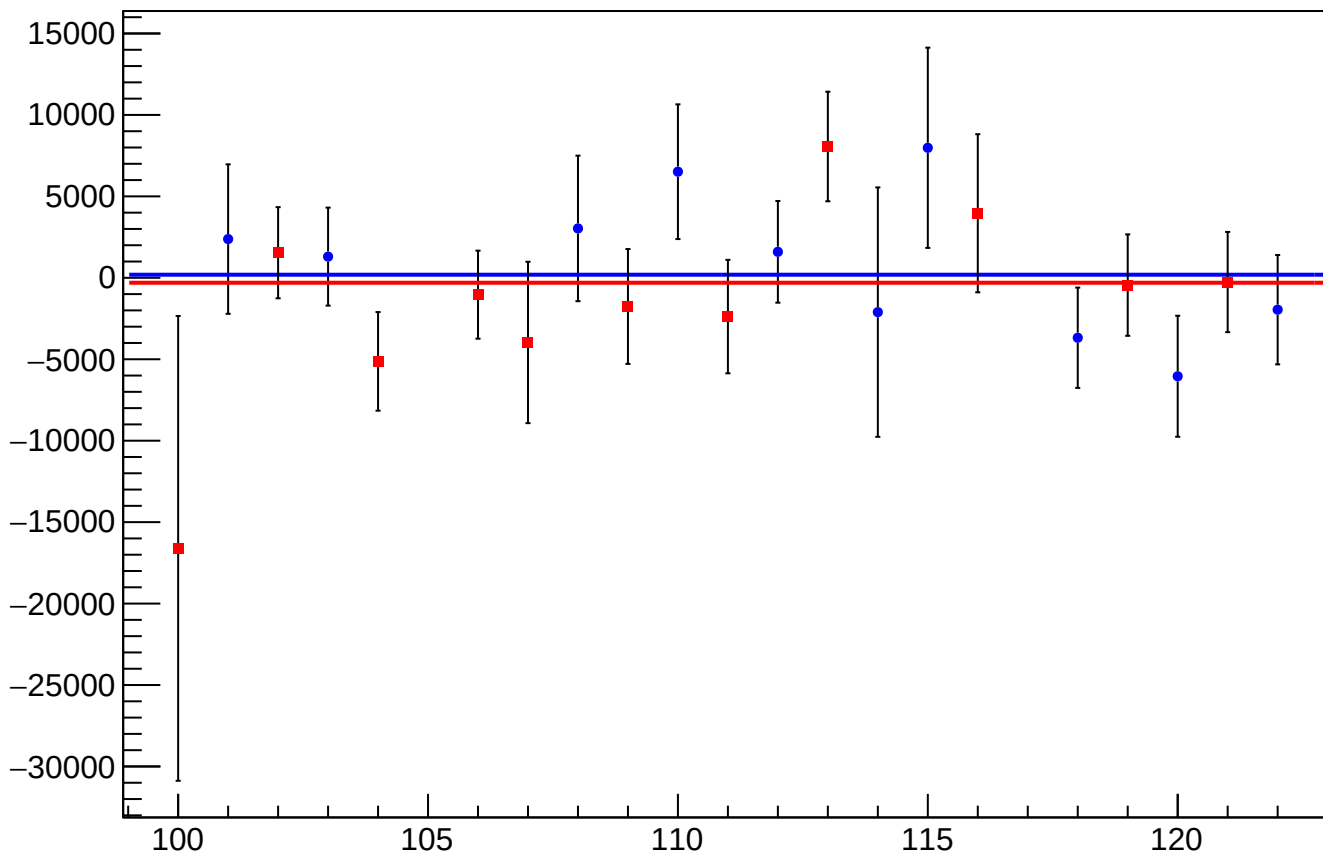
Right: 845.152 $\pm$ 0.208 χ^2 /NDF: 258880.3/20

In: 846.598 $\pm$ 0.301 χ^2 /NDF:190629.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 845.152 $\pm$ 0.208 χ^2 /NDF: 258880.3/20

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 190.194+/-1213.282 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -302.187+/-1041.464 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

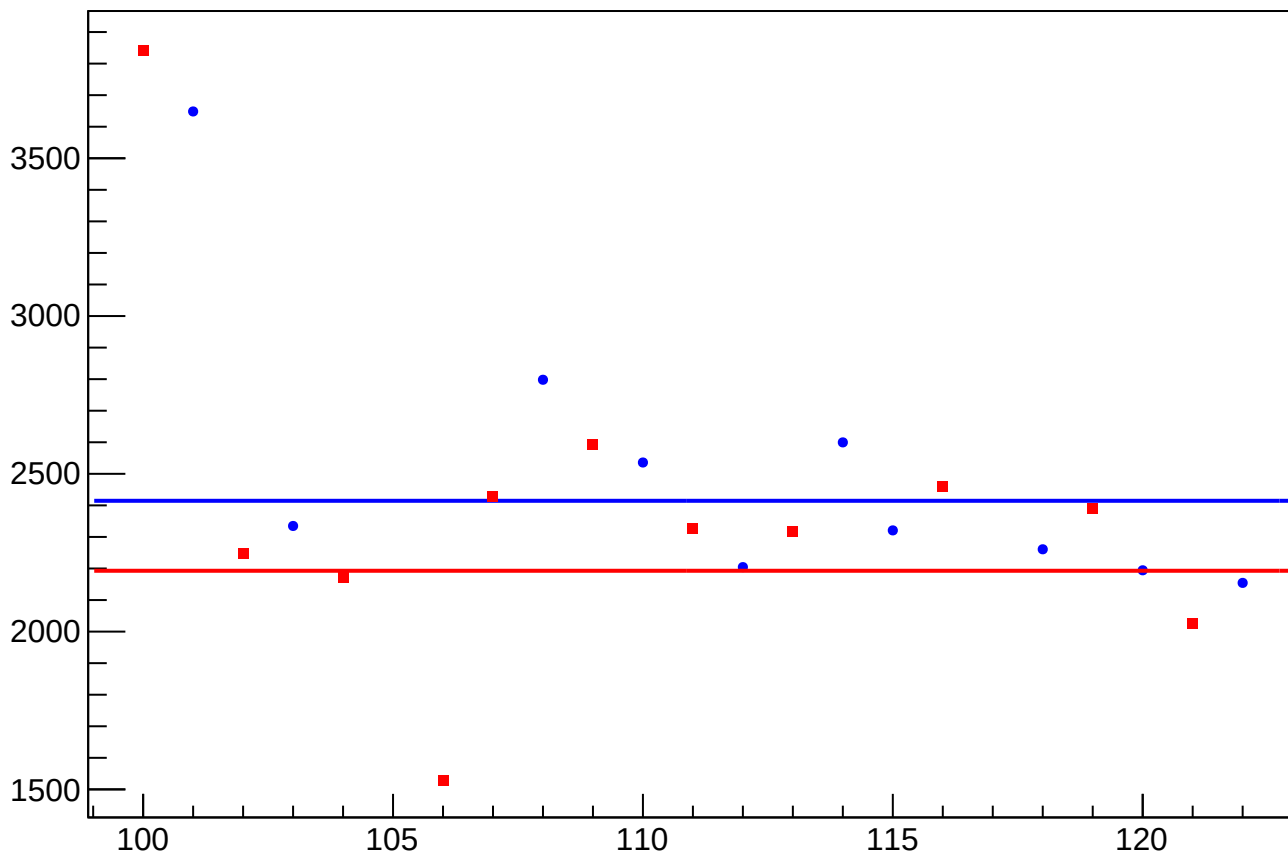
Right: -93.301+/-790.253 χ^2/NDF : 22.3/20

In: 190.194+/-1213.282 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.301+/-790.253 χ^2/NDF : 22.3/20

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2414.529+/-0.858 χ^2/NDF : 197219.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.792+/-0.736 χ^2/NDF : 204298.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

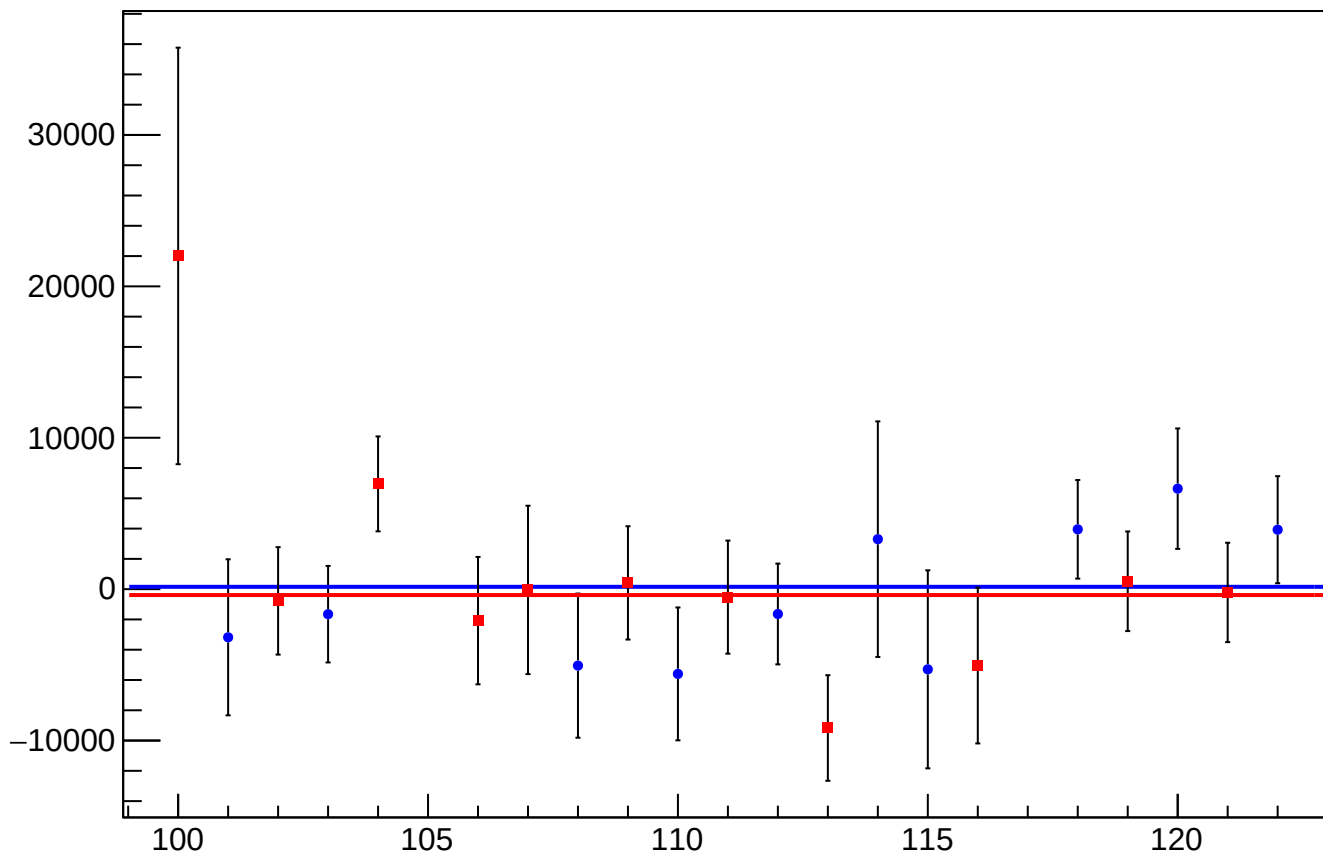
Right: 2286.861+/-0.559 χ^2/NDF : 439979.8/20

In: 2414.529+/-0.858 χ^2/NDF : 197219.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2286.861+/-0.559 χ^2/NDF : 439979.8/20

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: 154.861+/-1291.198 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.032+/-1175.504 χ^2/NDF : 15.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

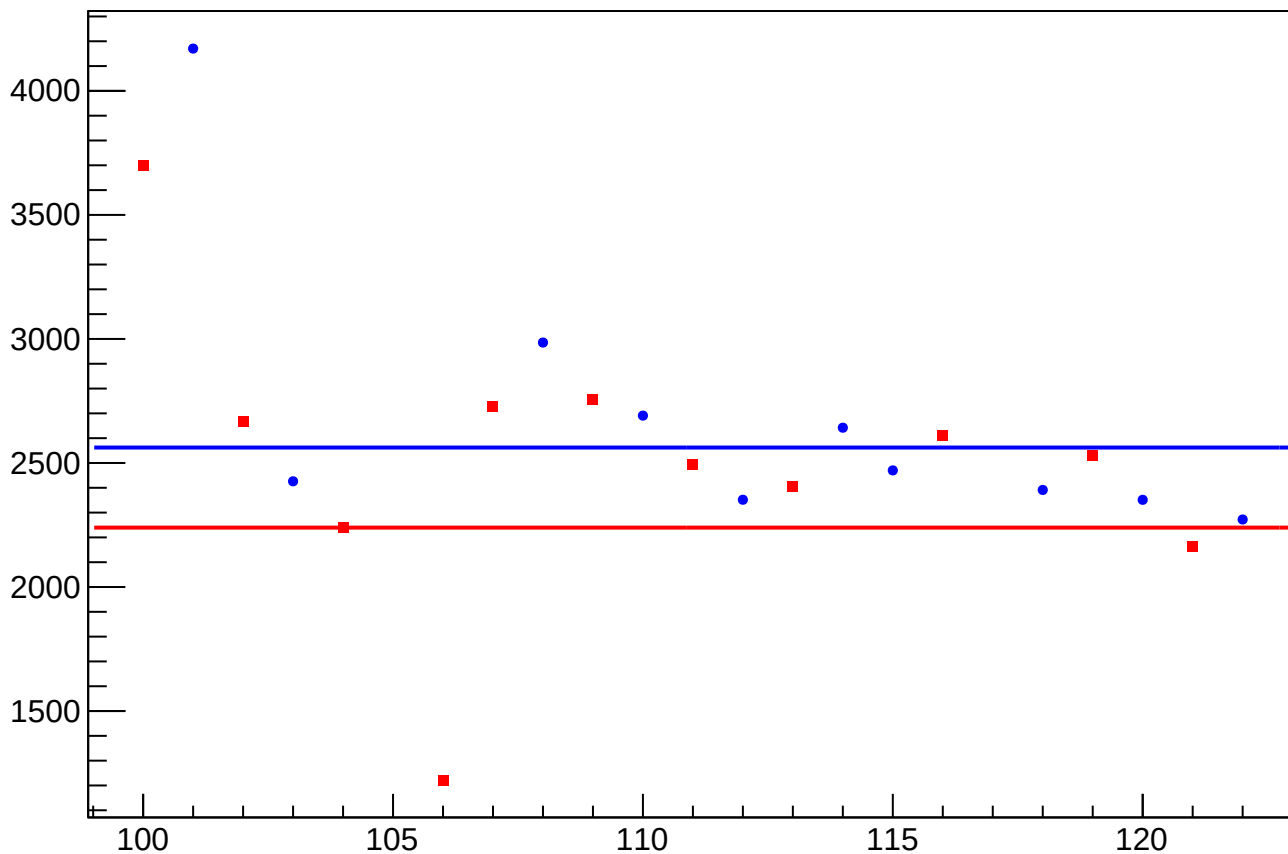
Right: -142.539+/-869.237 χ^2/NDF : 25.7/20

In: 154.861+/-1291.198 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.539+/-869.237 χ^2/NDF : 25.7/20

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2562.269+/-0.913 χ^2/NDF : 249132.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2239.437+/-0.779 χ^2/NDF : 472298.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

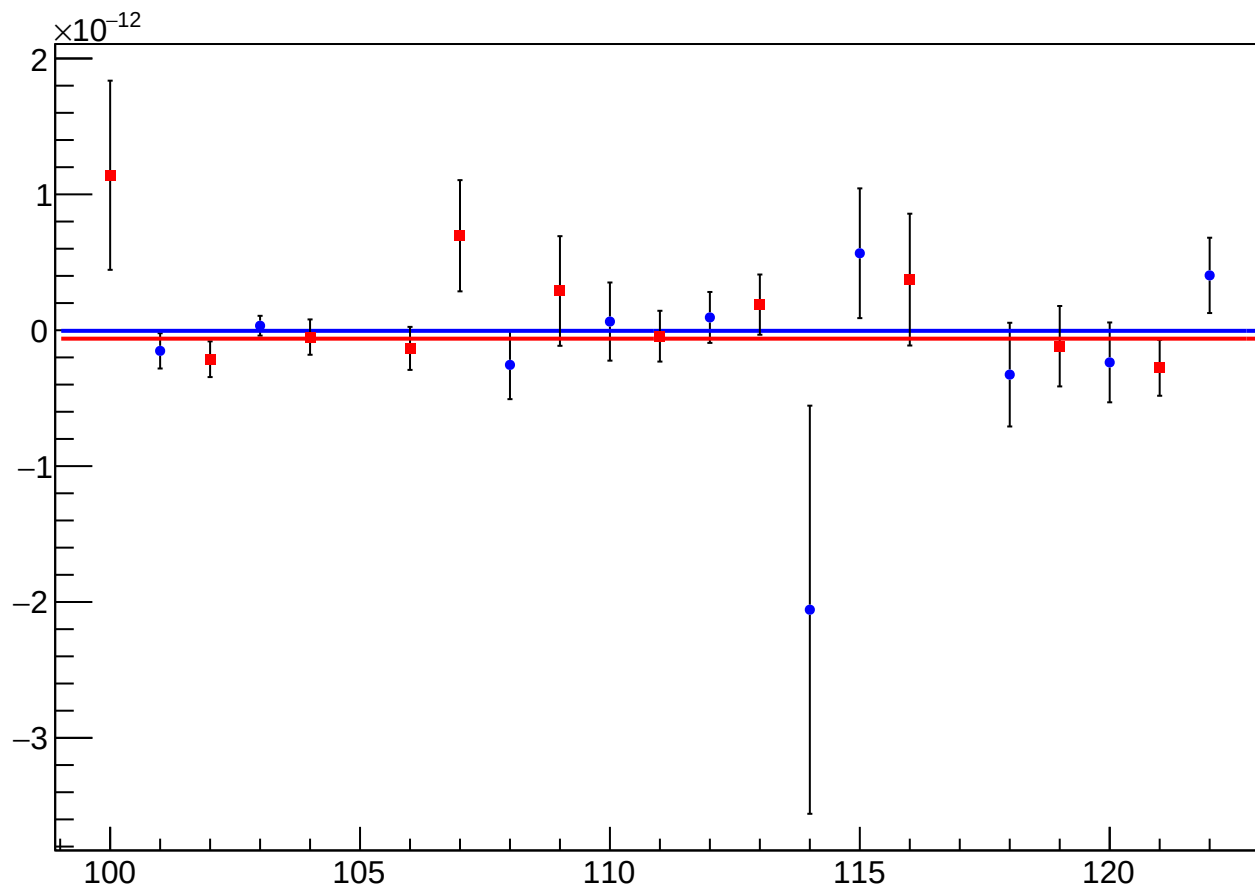
Right: 2375.424+/-0.593 χ^2/NDF : 793792.4/20

In: 2562.269+/-0.913 χ^2/NDF : 249132.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2375.424+/-0.593 χ^2/NDF : 793792.4/20

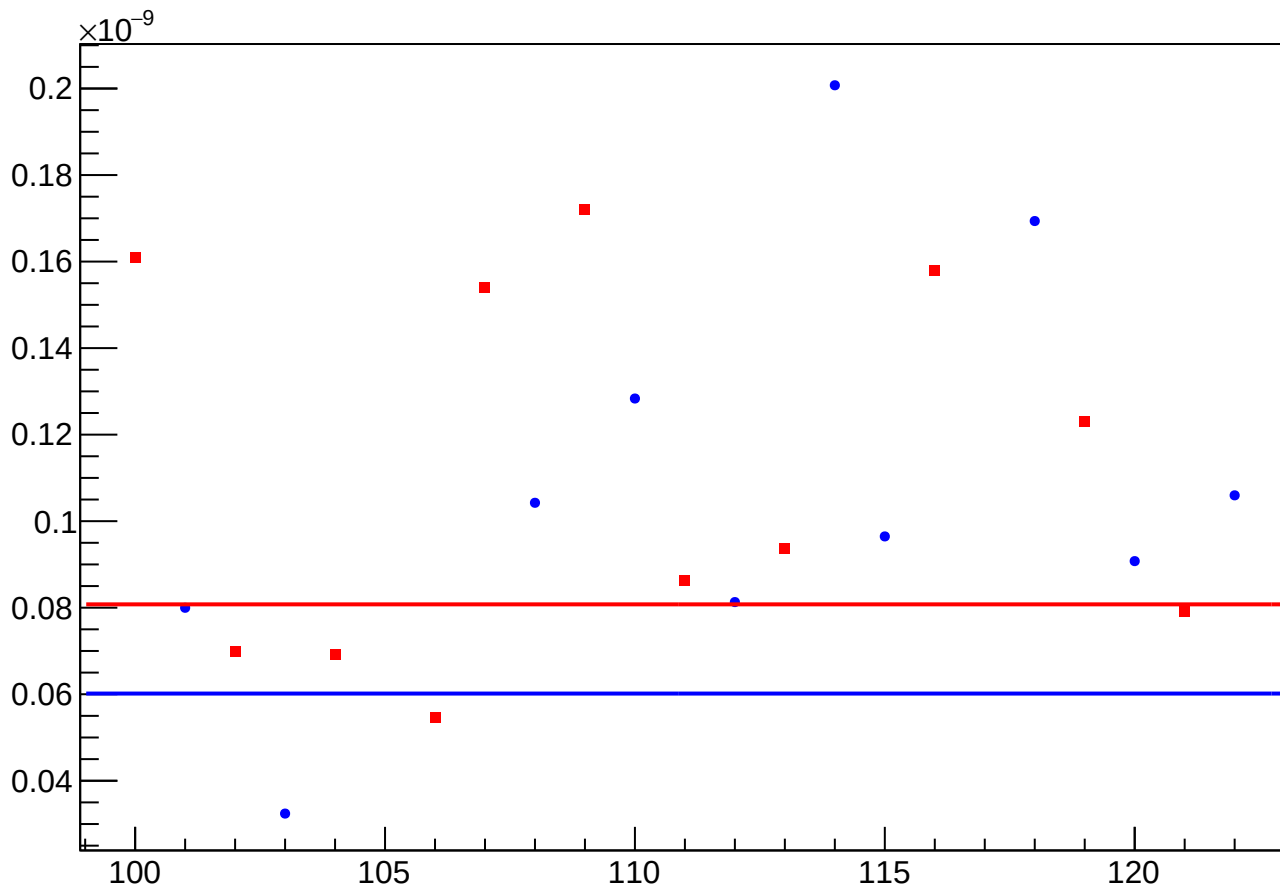
asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 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 : 22.1/20
 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 : 22.1/20

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 804600.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 377472.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

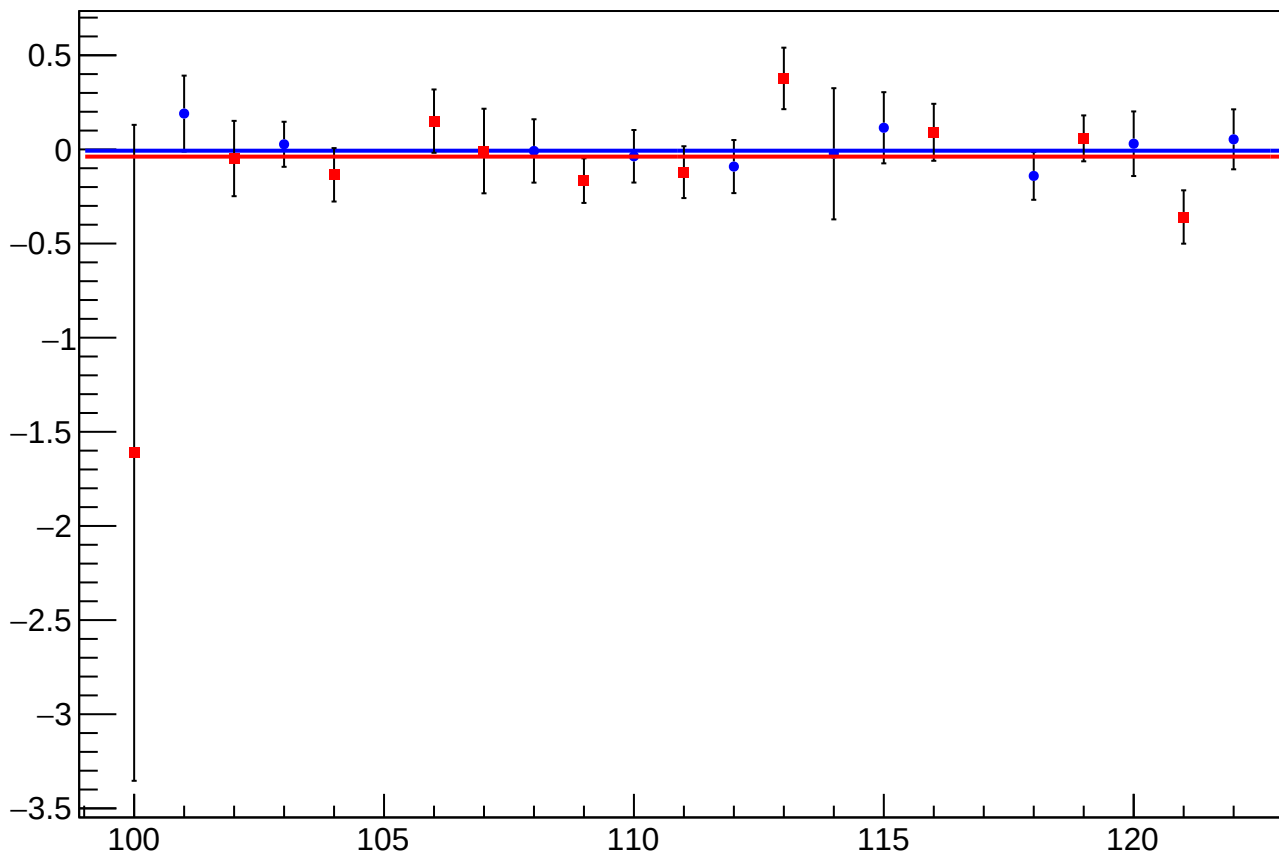
Right: 0.000+/-0.000 χ^2/NDF : 1307177.2/20

In: 0.000+/-0.000 χ^2/NDF : 804600.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1307177.2/20

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.050 χ^2/NDF : 3.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.038 ± 0.047 χ^2/NDF : 17.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

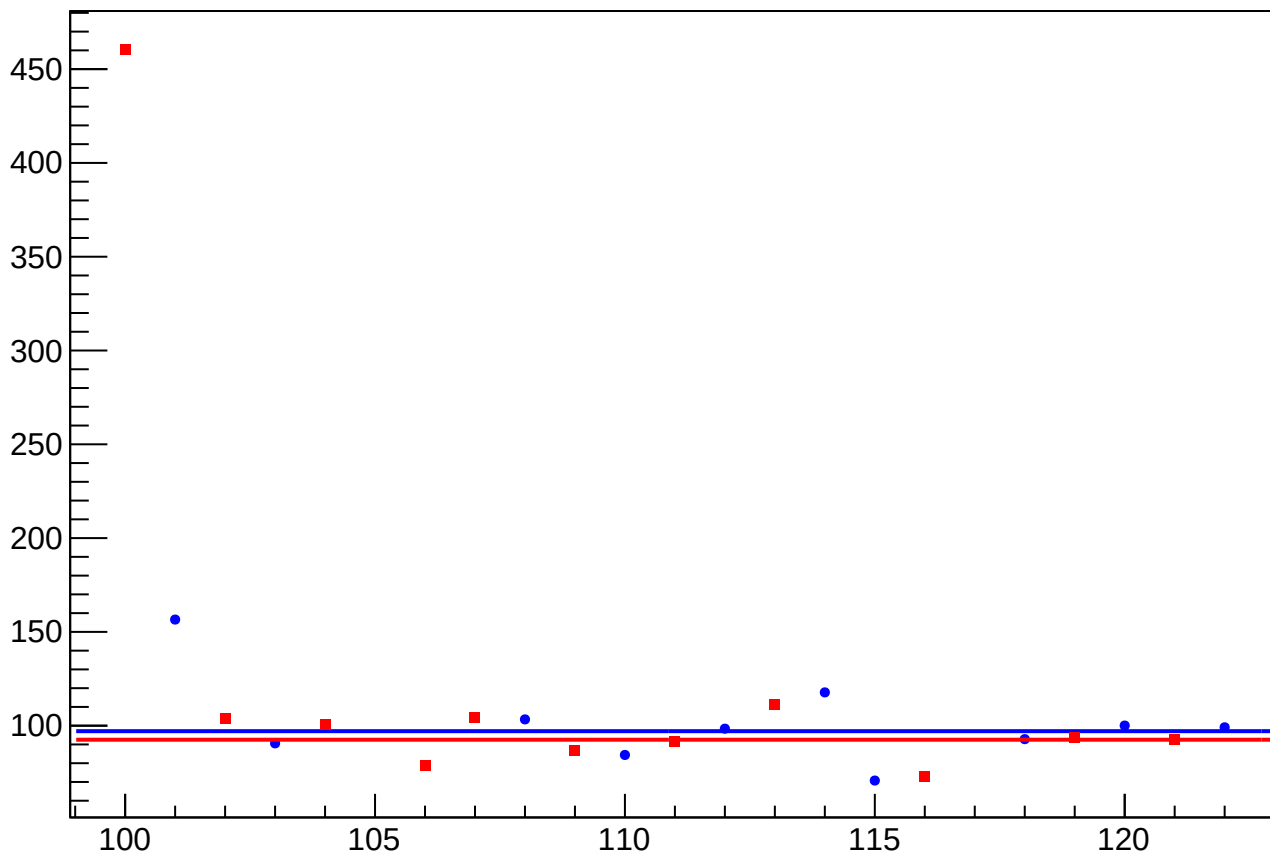
Right: -0.024 ± 0.034 χ^2/NDF : 20.4/20

In: -0.007 ± 0.050 χ^2/NDF : 3.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.024 ± 0.034 χ^2/NDF : 20.4/20

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.077+/-0.035 χ^2/NDF : 248634.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.524+/-0.033 χ^2/NDF : 184745.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

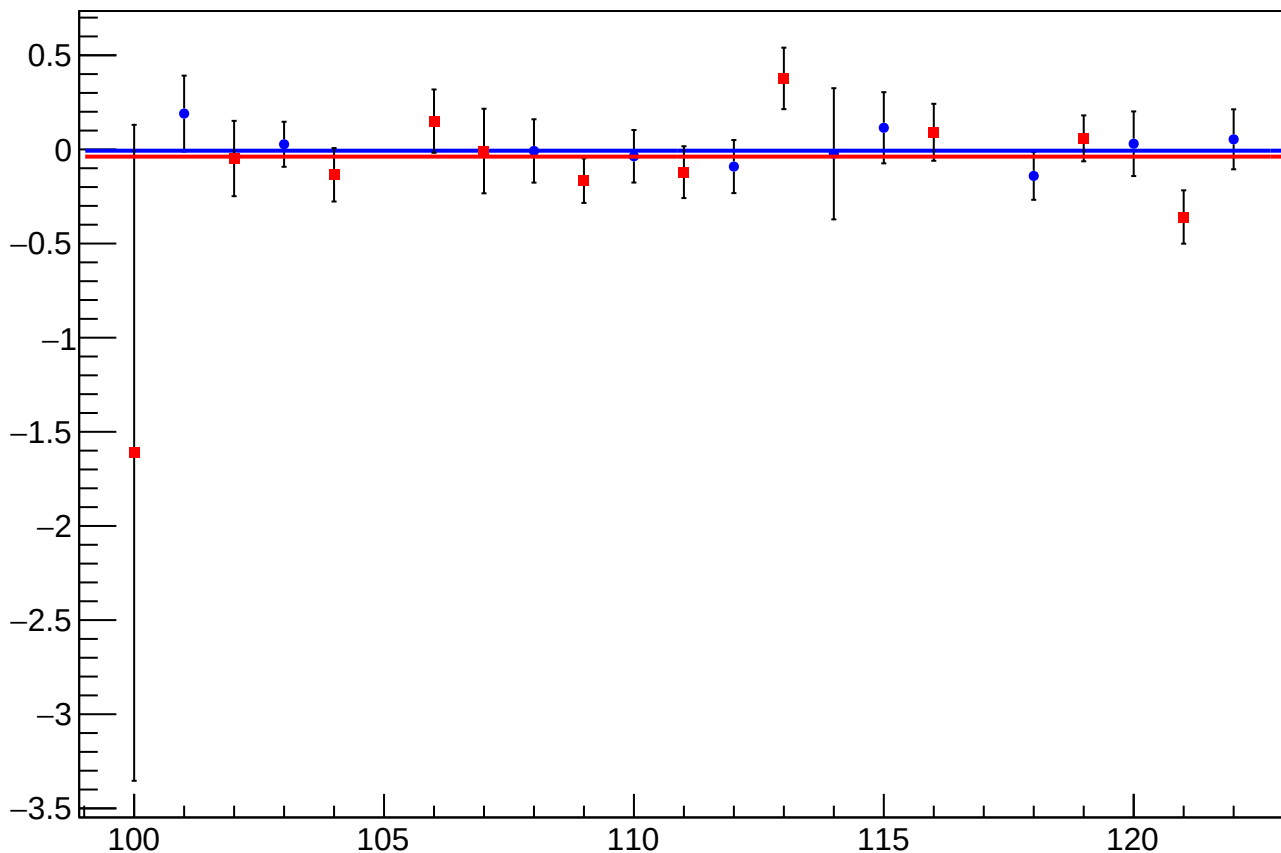
Right: 94.669+/-0.024 χ^2/NDF : 442223.8/20

In: 97.077+/-0.035 χ^2/NDF : 248634.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.669+/-0.024 χ^2/NDF : 442223.8/20

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.050 χ^2 /NDF: 3.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.038+/-0.047 χ^2 /NDF: 17.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

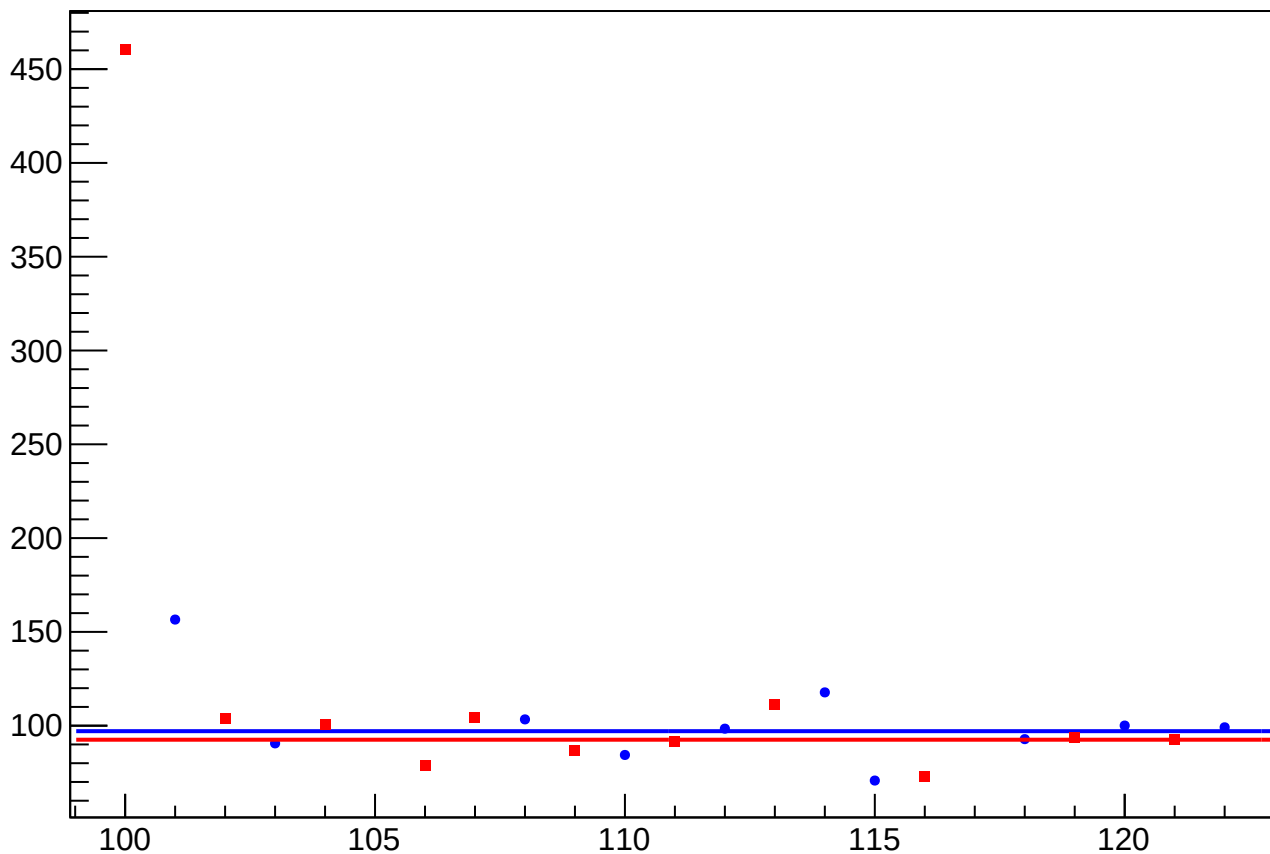
Right: -0.024+/-0.034 χ^2 /NDF: 20.4/20

In: -0.007+/-0.050 χ^2 /NDF:3.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.024+/-0.034 χ^2 /NDF: 20.4/20

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.077+/-0.035 χ^2/NDF : 248634.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.524+/-0.033 χ^2/NDF : 184745.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

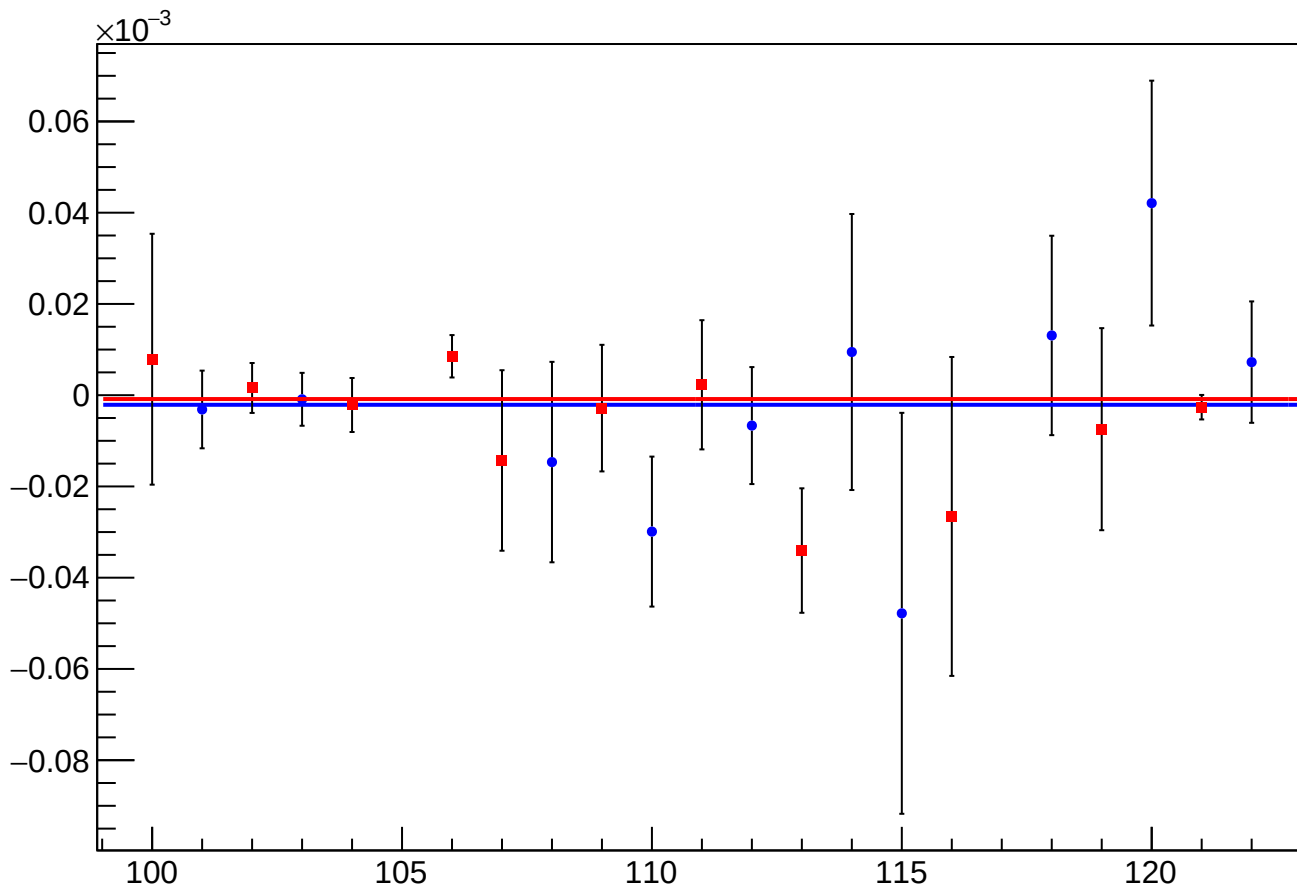
Right: 94.669+/-0.024 χ^2/NDF : 442223.8/20

In: 97.077+/-0.035 χ^2/NDF : 248634.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.669+/-0.024 χ^2/NDF : 442223.8/20

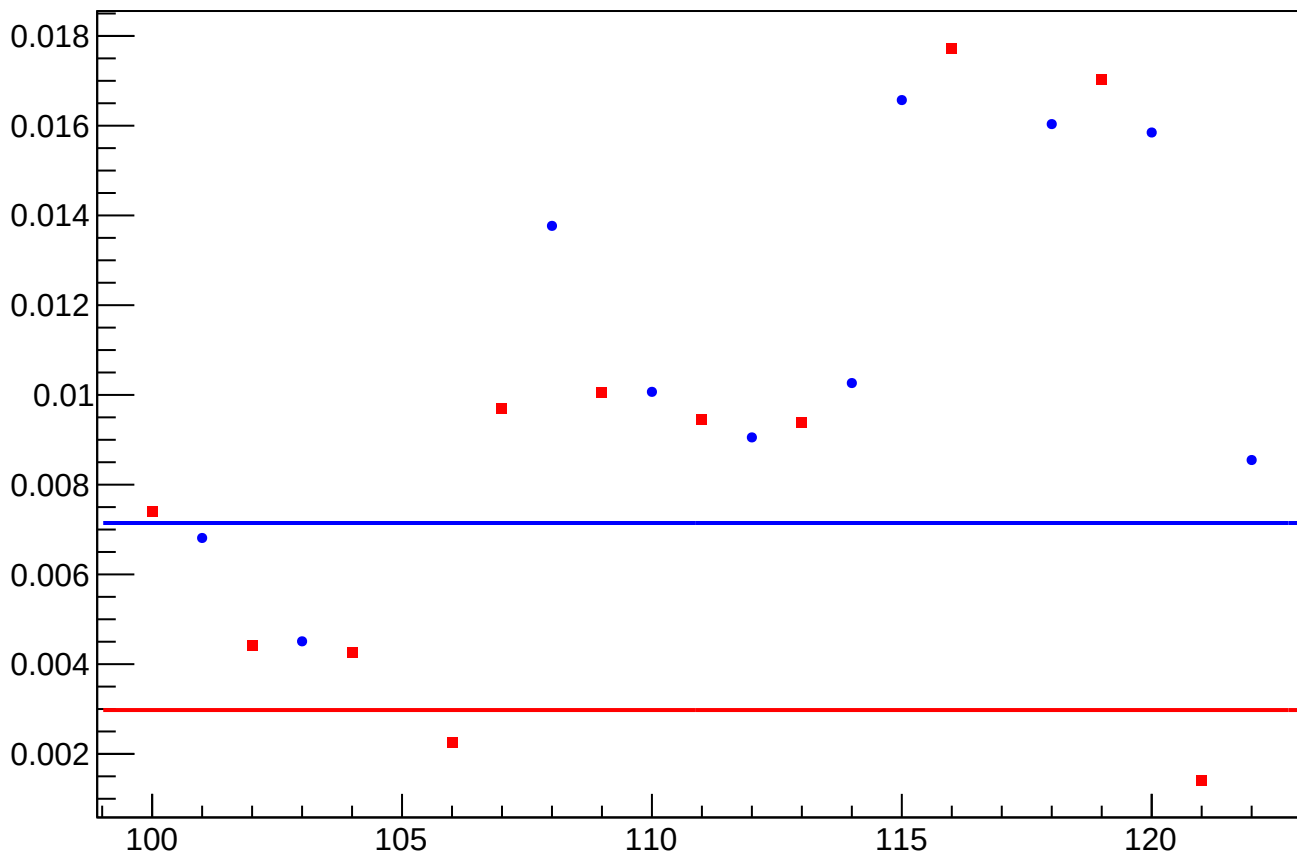
asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 8.3/9
 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 : 20.3/20
 In: -0.000 ± 0.000 χ^2/NDF : 8.3/9
 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_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1382972.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3792755.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

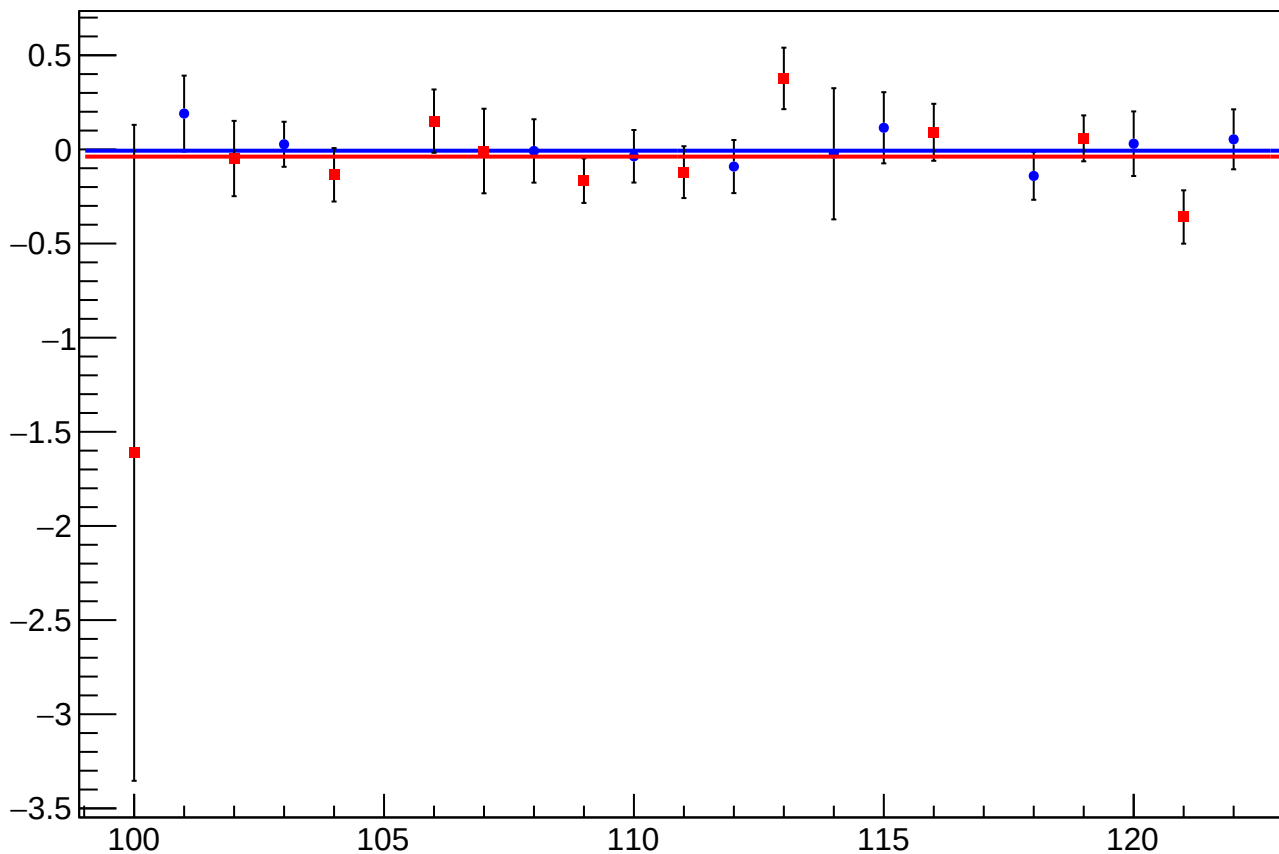
Right: 0.004+/-0.000 χ^2/NDF : 7021291.7/20

In: 0.007+/-0.000 χ^2/NDF :1382972.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 7021291.7/20

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.050 χ^2 /NDF: 3.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.047 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

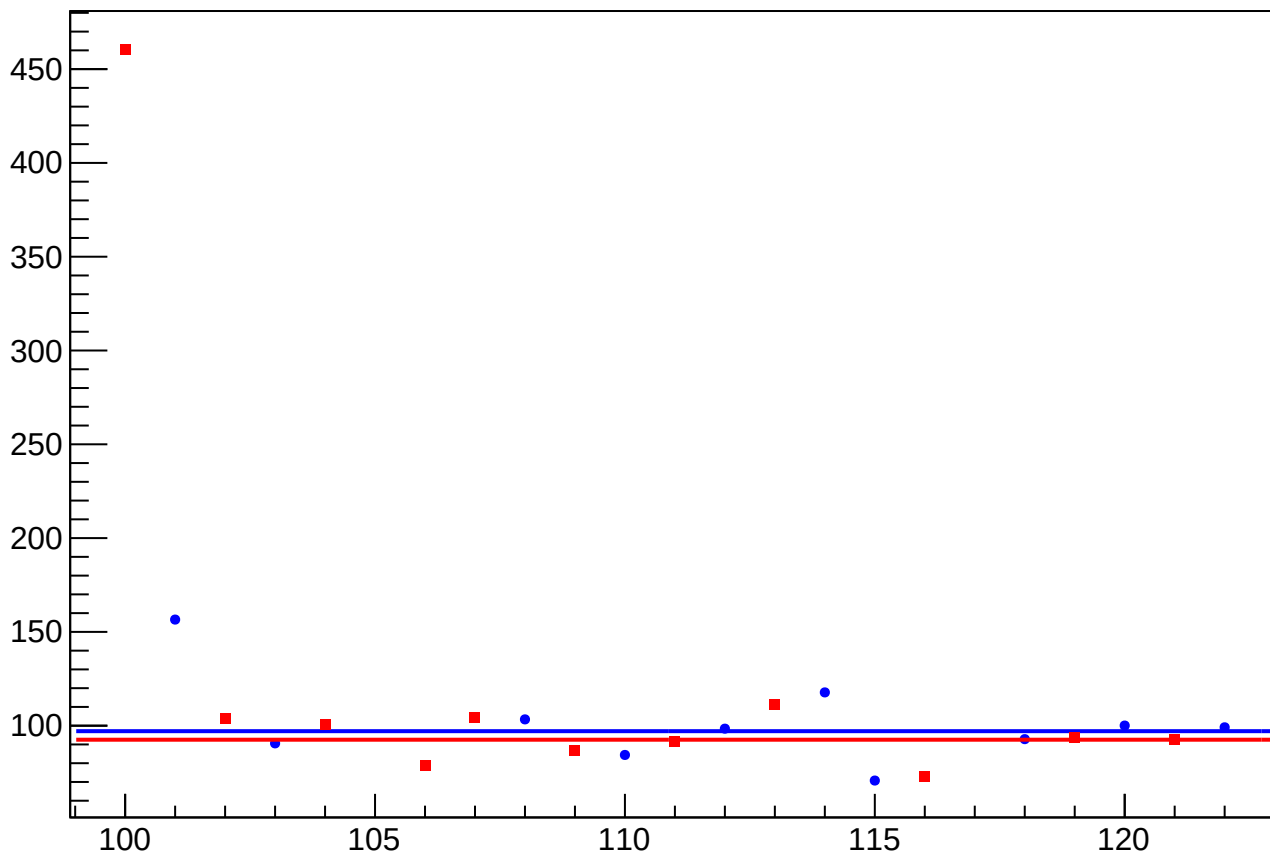
Right: -0.024 $\pm$ 0.034 χ^2 /NDF: 20.4/20

In: -0.007 $\pm$ 0.050 χ^2 /NDF:3.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.034 χ^2 /NDF: 20.4/20

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.079+/-0.035 χ^2/NDF : 248609.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.526+/-0.033 χ^2/NDF : 184699.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

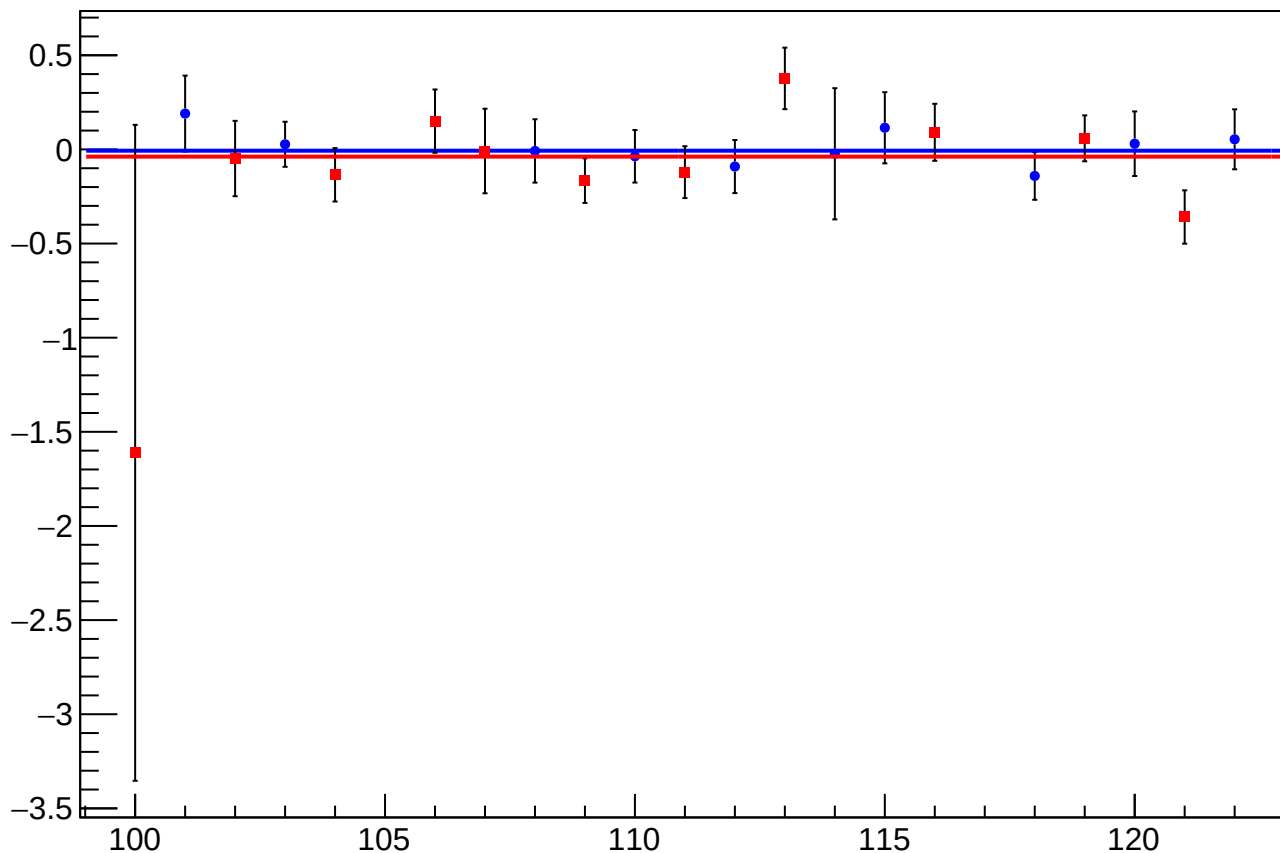
Right: 94.671+/-0.024 χ^2/NDF : 442150.5/20

In: 97.079+/-0.035 χ^2/NDF : 248609.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.671+/-0.024 χ^2/NDF : 442150.5/20

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.050 χ^2/NDF : 3.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.038+/-0.047 χ^2/NDF : 17.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

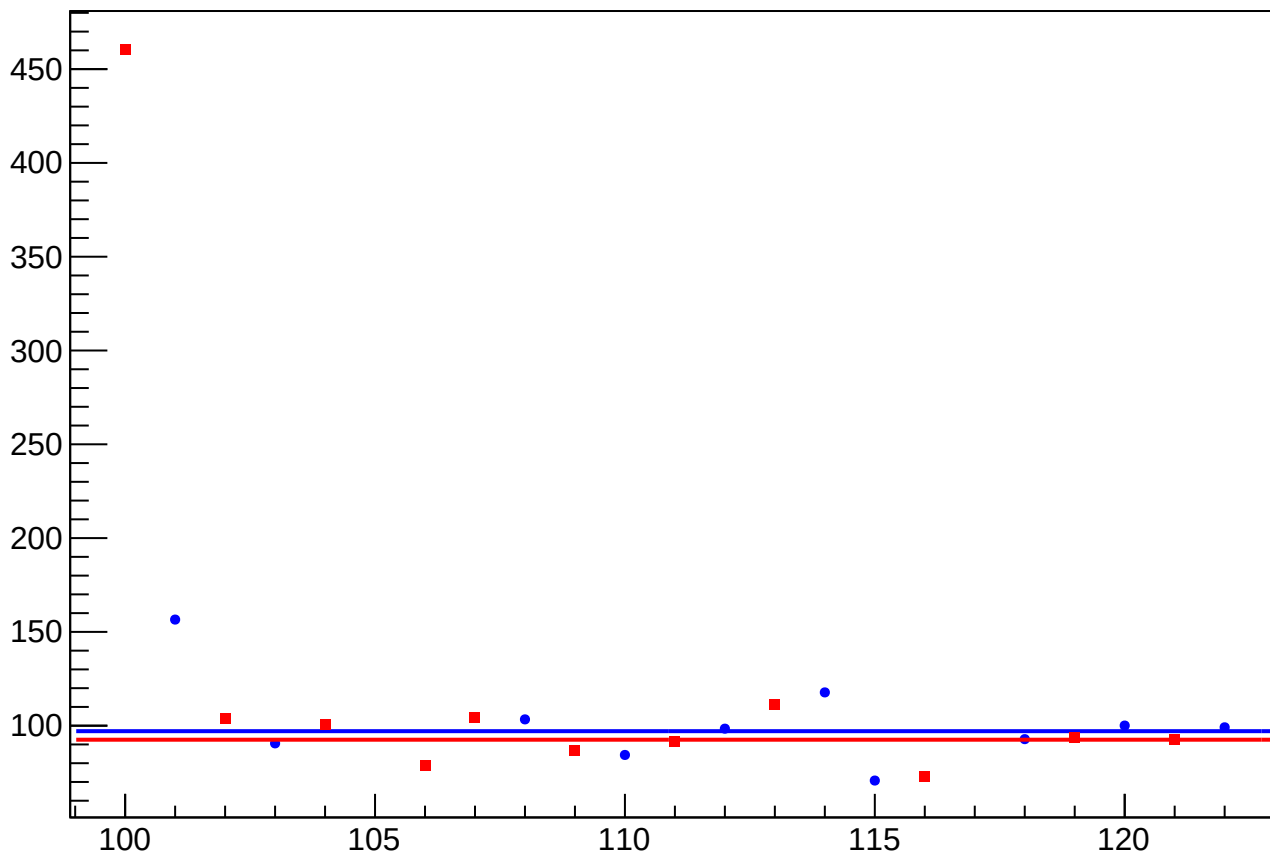
Right: -0.024+/-0.034 χ^2/NDF : 20.4/20

In: -0.007+/-0.050 χ^2/NDF :3.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.024+/-0.034 χ^2/NDF : 20.4/20

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.079+/-0.035 χ^2/NDF : 248609.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.526+/-0.033 χ^2/NDF : 184699.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

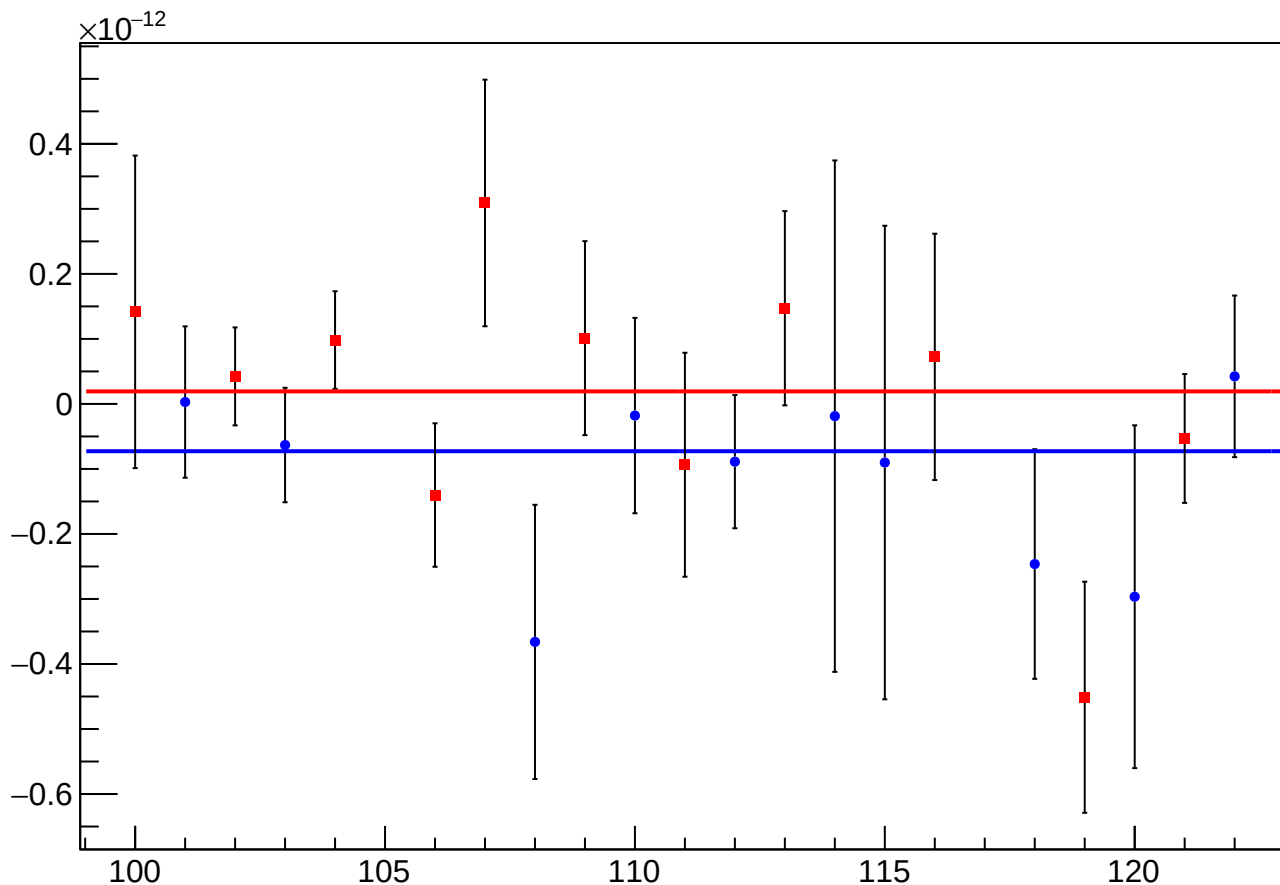
Right: 94.671+/-0.024 χ^2/NDF : 442150.5/20

In: 97.079+/-0.035 χ^2/NDF : 248609.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.671+/-0.024 χ^2/NDF : 442150.5/20

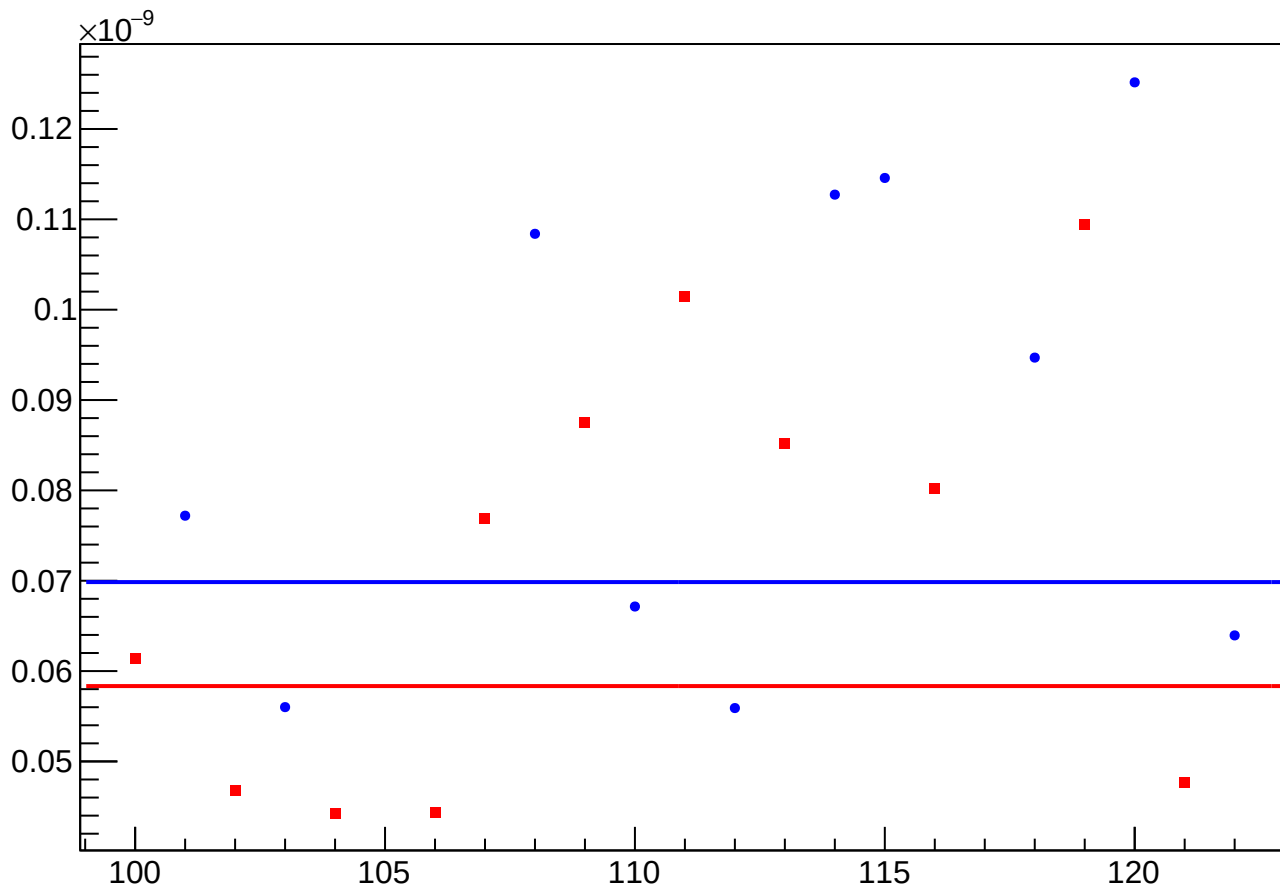
asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 15.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 22.6/20
 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 : 22.6/20

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 348022.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 650477.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

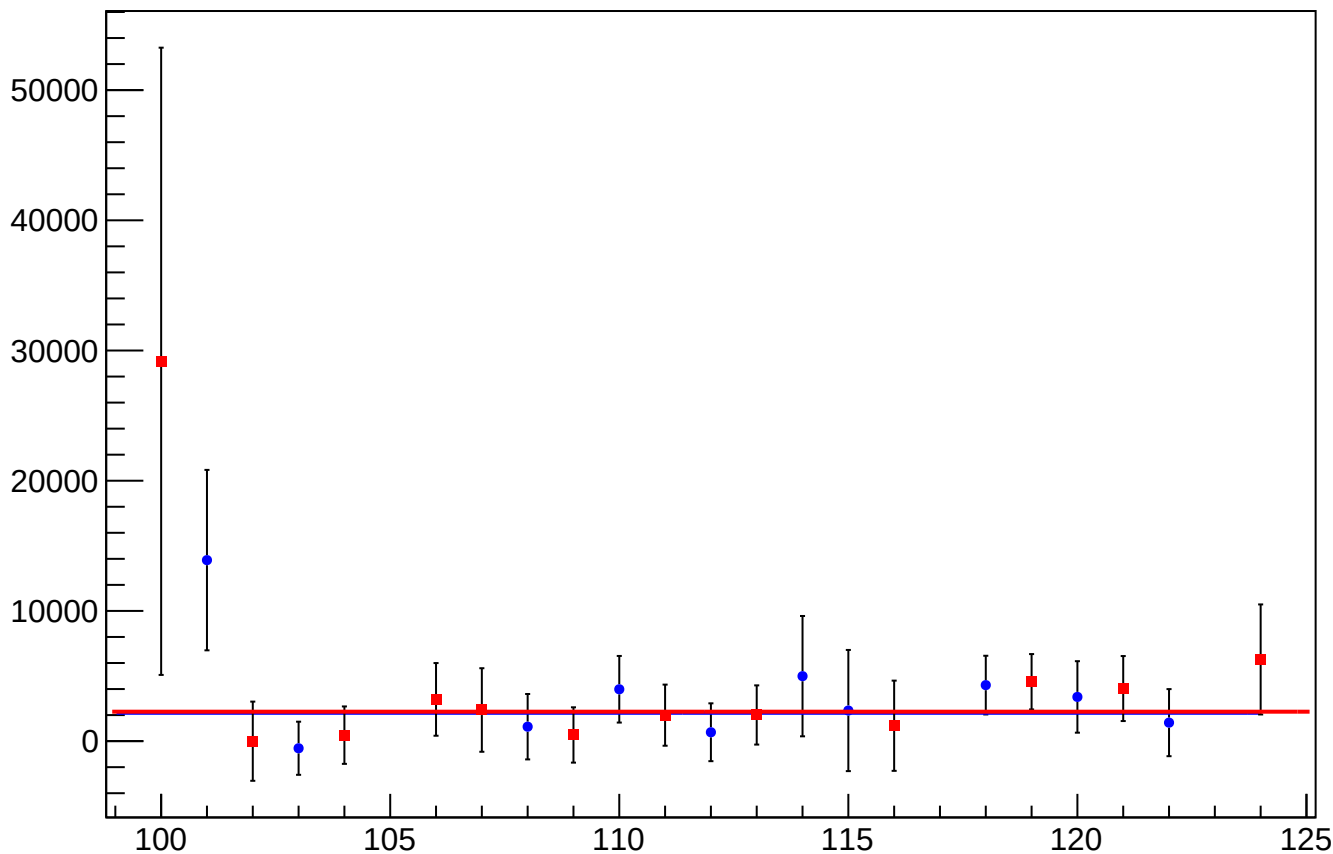
Right: 0.000+/-0.000 χ^2/NDF : 1077693.2/20

In: 0.000+/-0.000 χ^2/NDF : 348022.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1077693.2/20

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2175.946+/-861.270 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2260.694+/-776.475 χ^2/NDF : 6.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

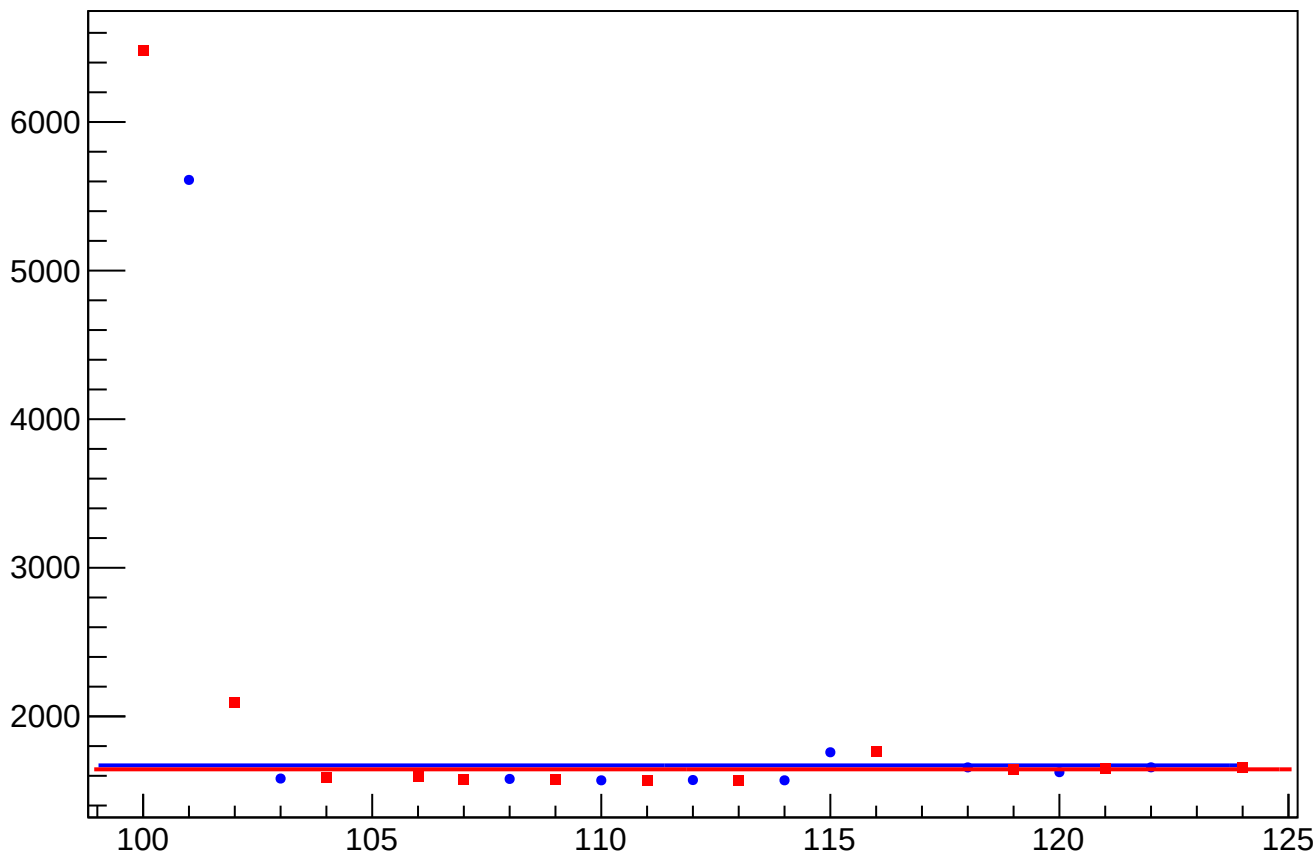
Right: 2222.696+/-576.706 χ^2/NDF : 13.3/21

In: 2175.946+/-861.270 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2222.696+/-576.706 χ^2/NDF : 13.3/21

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1669.995+/-0.609 χ^2/NDF : 662500.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1643.641+/-0.549 χ^2/NDF : 136372.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

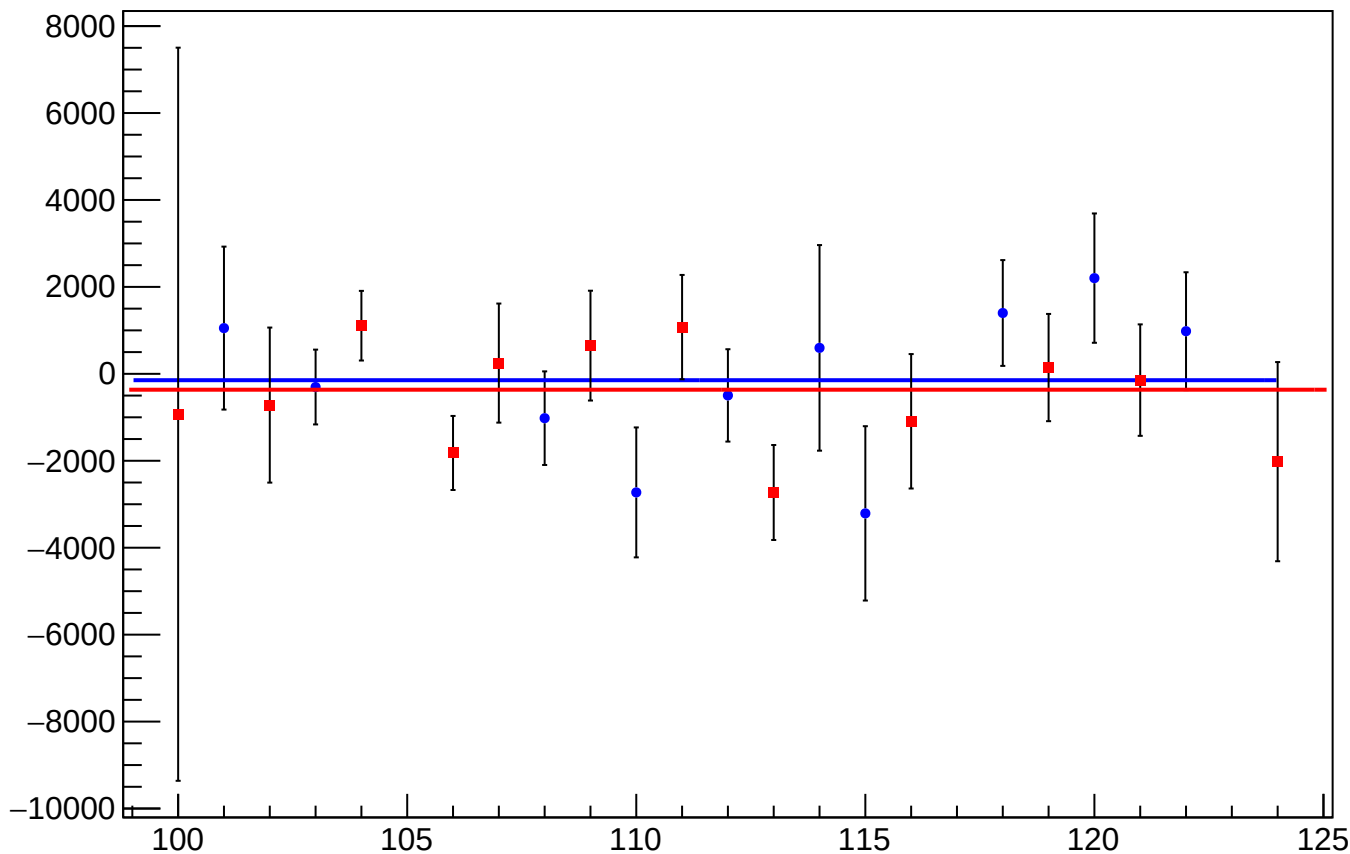
Right: 1655.457+/-0.408 χ^2/NDF : 799905.9/21

In: 1669.995+/-0.609 χ^2/NDF : 662500.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.457+/-0.408 χ^2/NDF : 799905.9/21

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -146.319+/-410.644 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -365.128+/-357.357 χ^2/NDF : 14.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

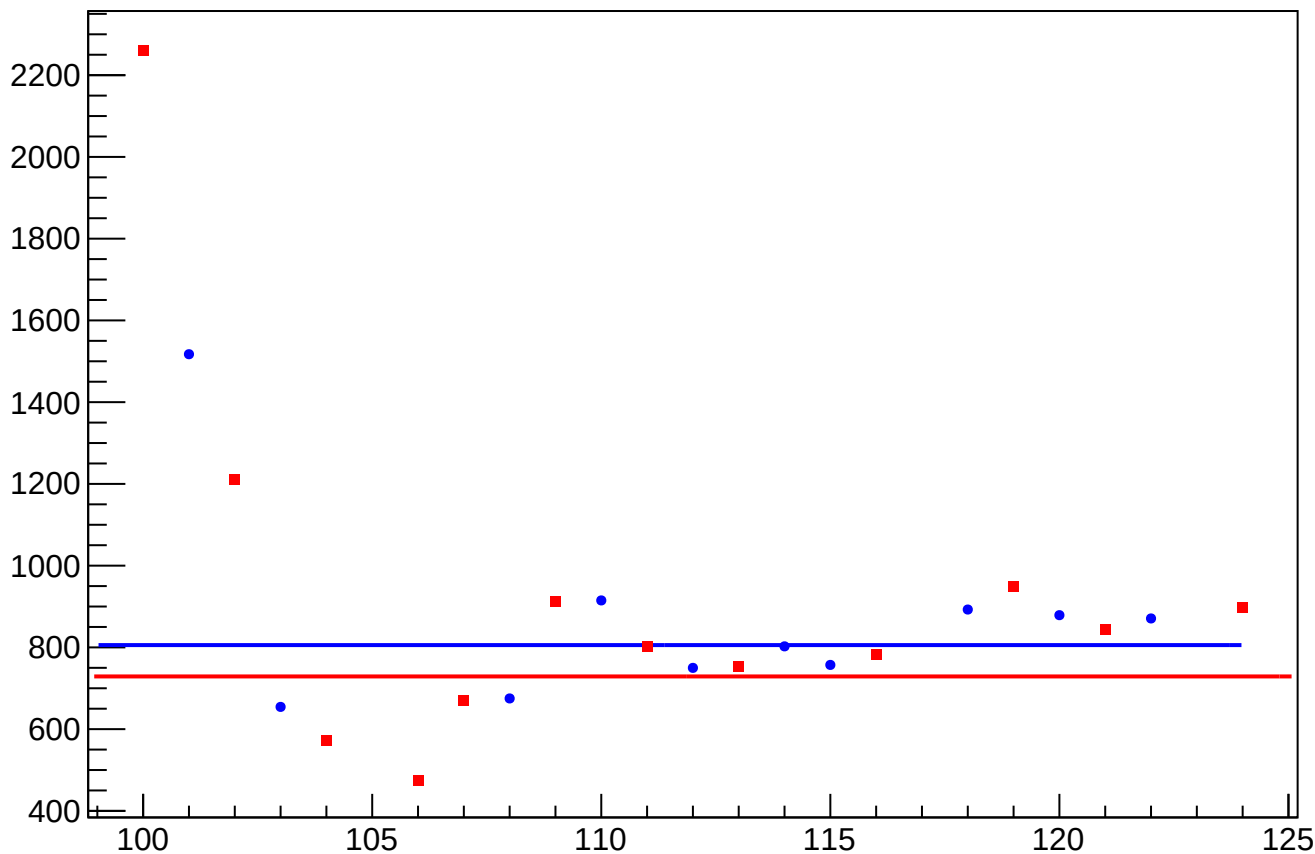
Right: -270.833+/-269.574 χ^2/NDF : 25.8/21

In: -146.319+/-410.644 χ^2/NDF :11.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -270.833+/-269.574 χ^2/NDF : 25.8/21

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 805.643+/-0.290 χ^2/NDF : 416527.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.946+/-0.253 χ^2/NDF : 614342.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

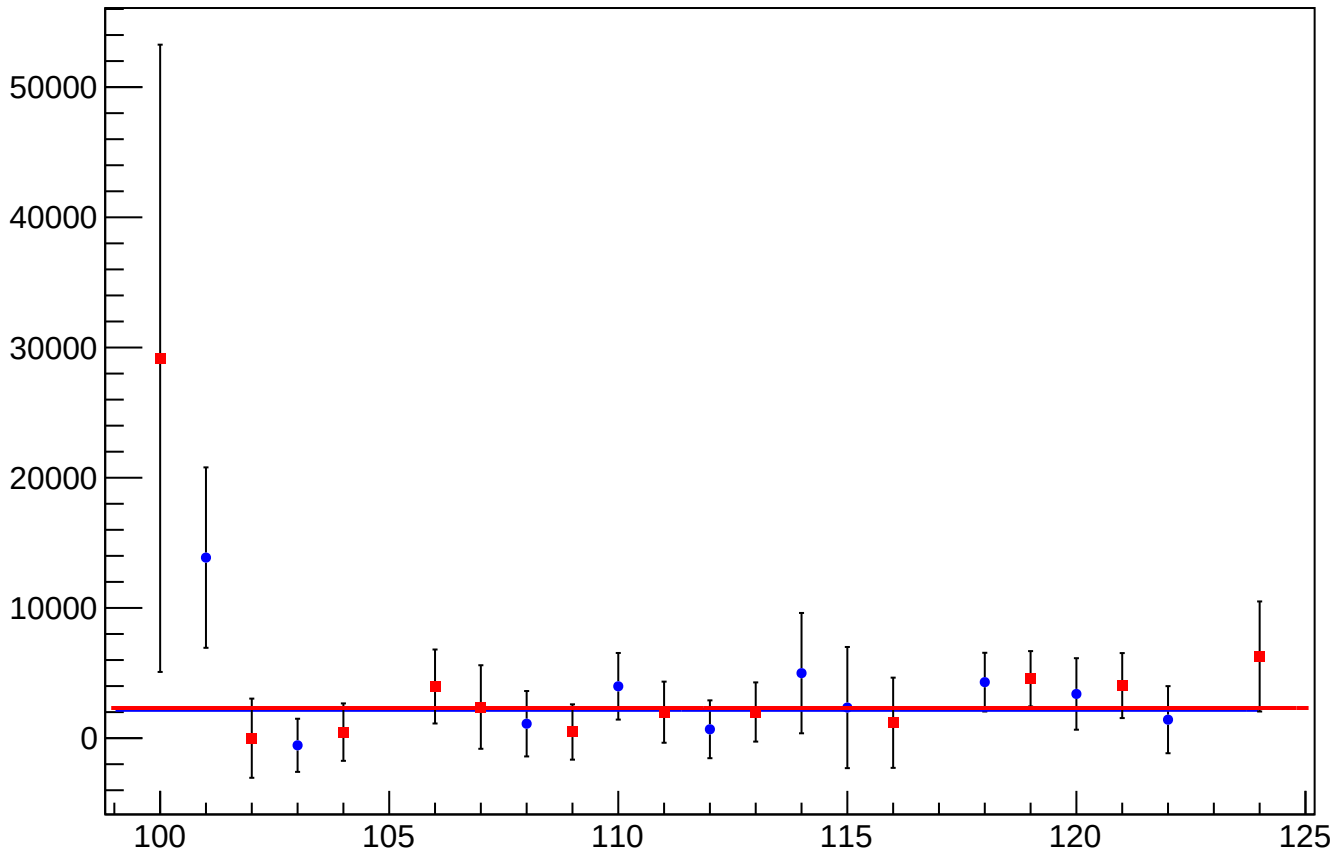
Right: 761.998+/-0.191 χ^2/NDF : 1070571.0/21

In: 805.643+/-0.290 χ^2/NDF : 416527.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.998+/-0.191 χ^2/NDF : 1070571.0/21

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2175.048+/-861.270 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2315.963+/-777.512 χ^2/NDF : 6.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

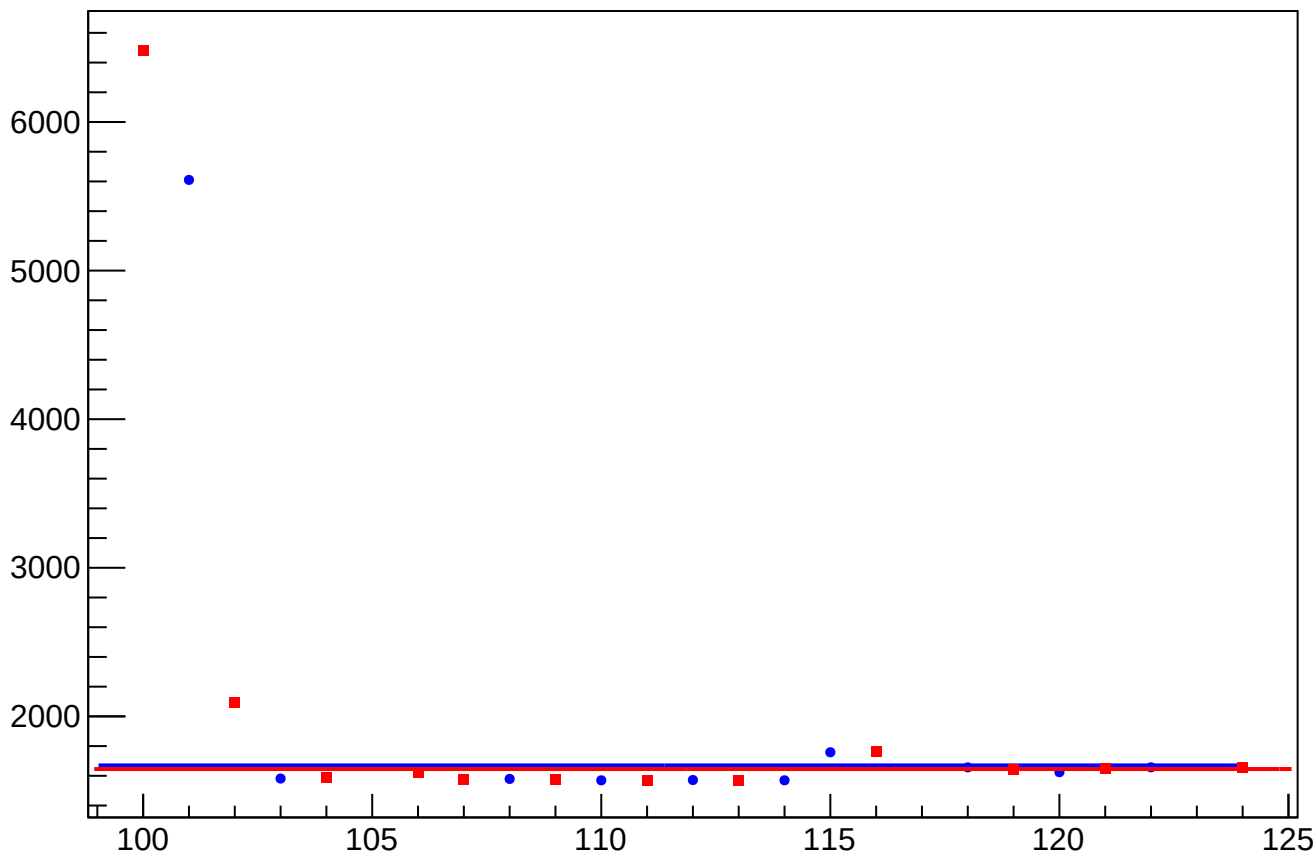
Right: 2252.689+/-577.130 χ^2/NDF : 13.6/21

In: 2175.048+/-861.270 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2252.689+/-577.130 χ^2/NDF : 13.6/21

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1669.995+/-0.609 χ^2/NDF : 662500.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.760+/-0.550 χ^2/NDF : 135849.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

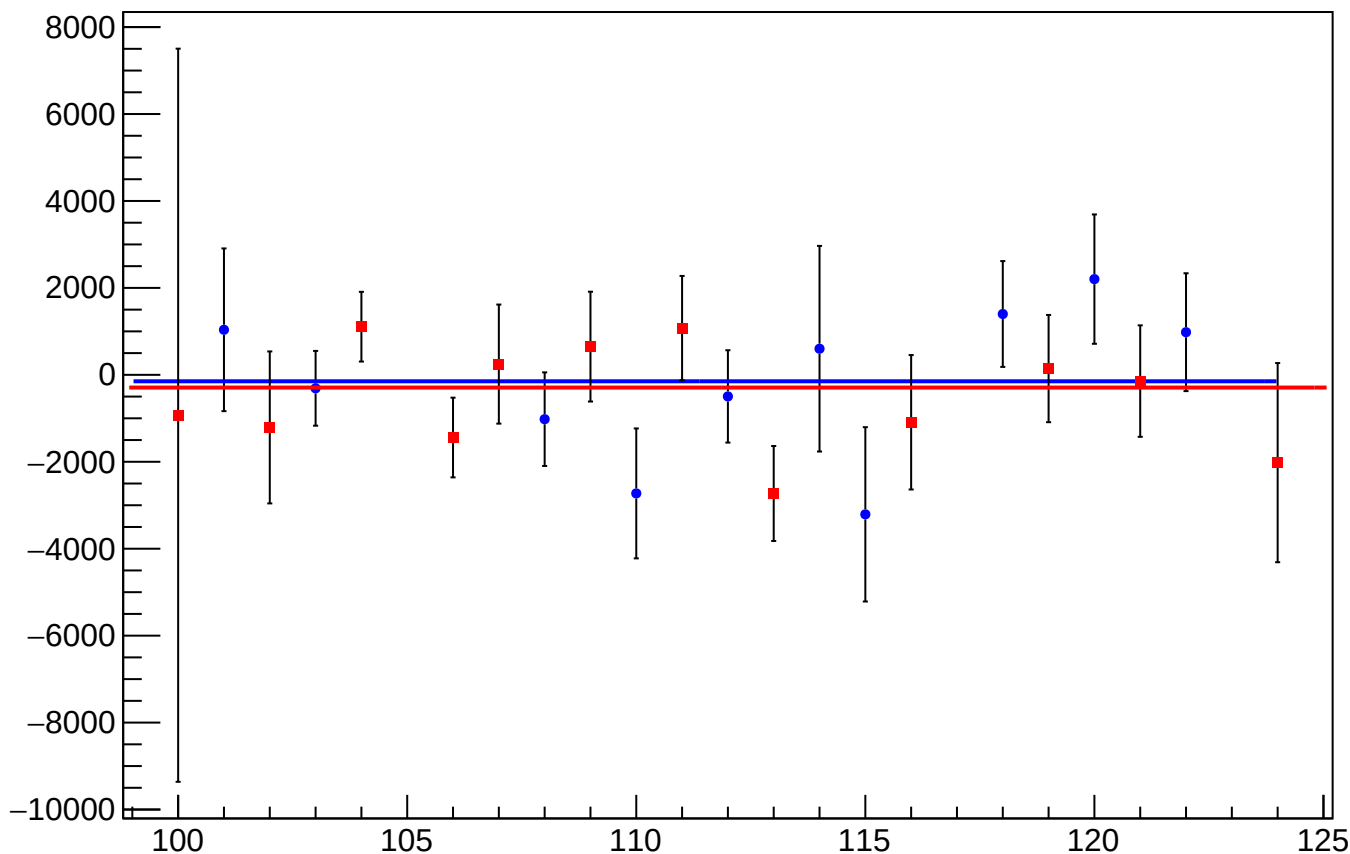
Right: 1656.642+/-0.408 χ^2/NDF : 799221.5/21

In: 1669.995+/-0.609 χ^2/NDF : 662500.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.642+/-0.408 χ^2/NDF : 799221.5/21

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -148.311+/-410.567 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -292.554+/-361.501 χ^2/NDF : 12.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

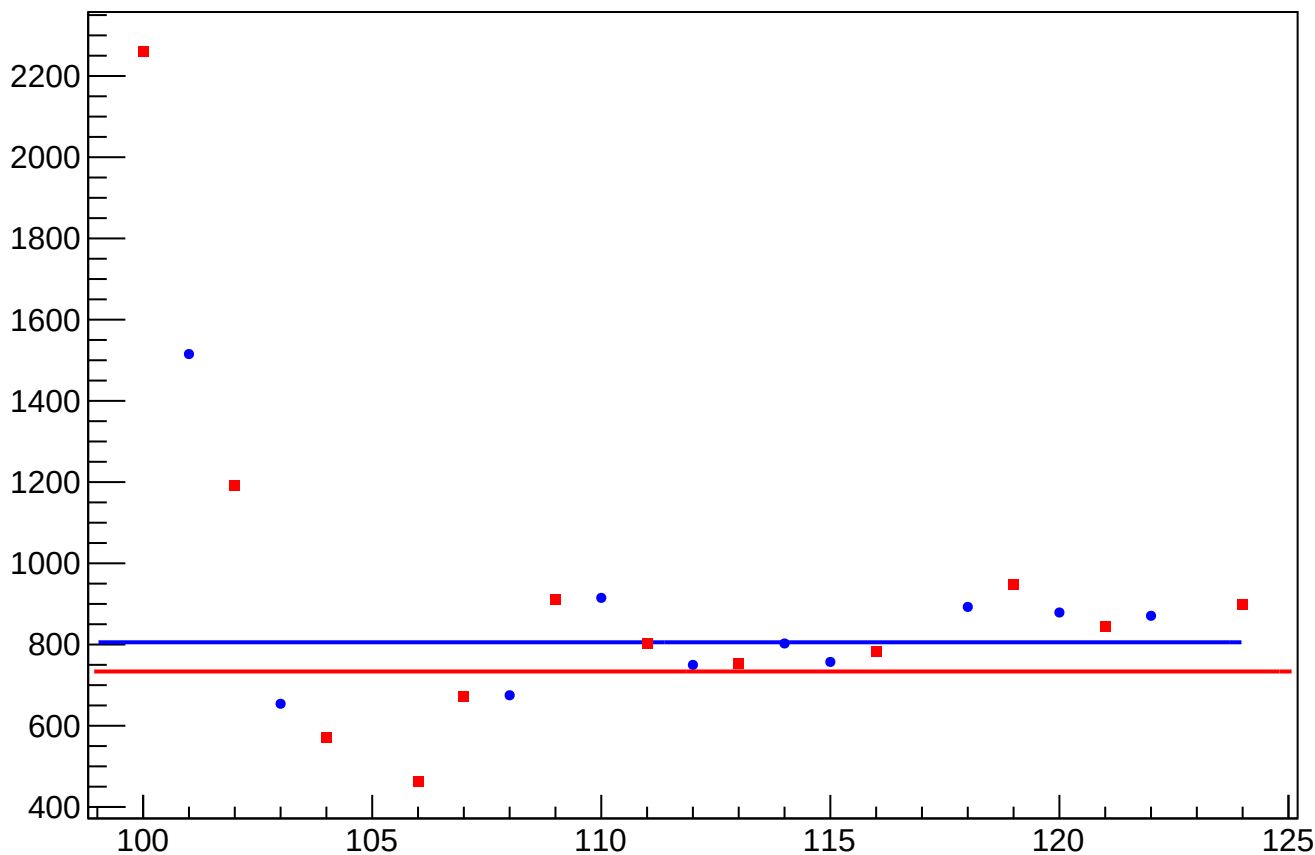
Right: -229.563+/-271.317 χ^2/NDF : 24.3/21

In: -148.311+/-410.567 χ^2/NDF :11.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -229.563+/-271.317 χ^2/NDF : 24.3/21

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 805.533+/-0.290 χ^2/NDF : 416025.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 733.635+/-0.256 χ^2/NDF : 597397.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

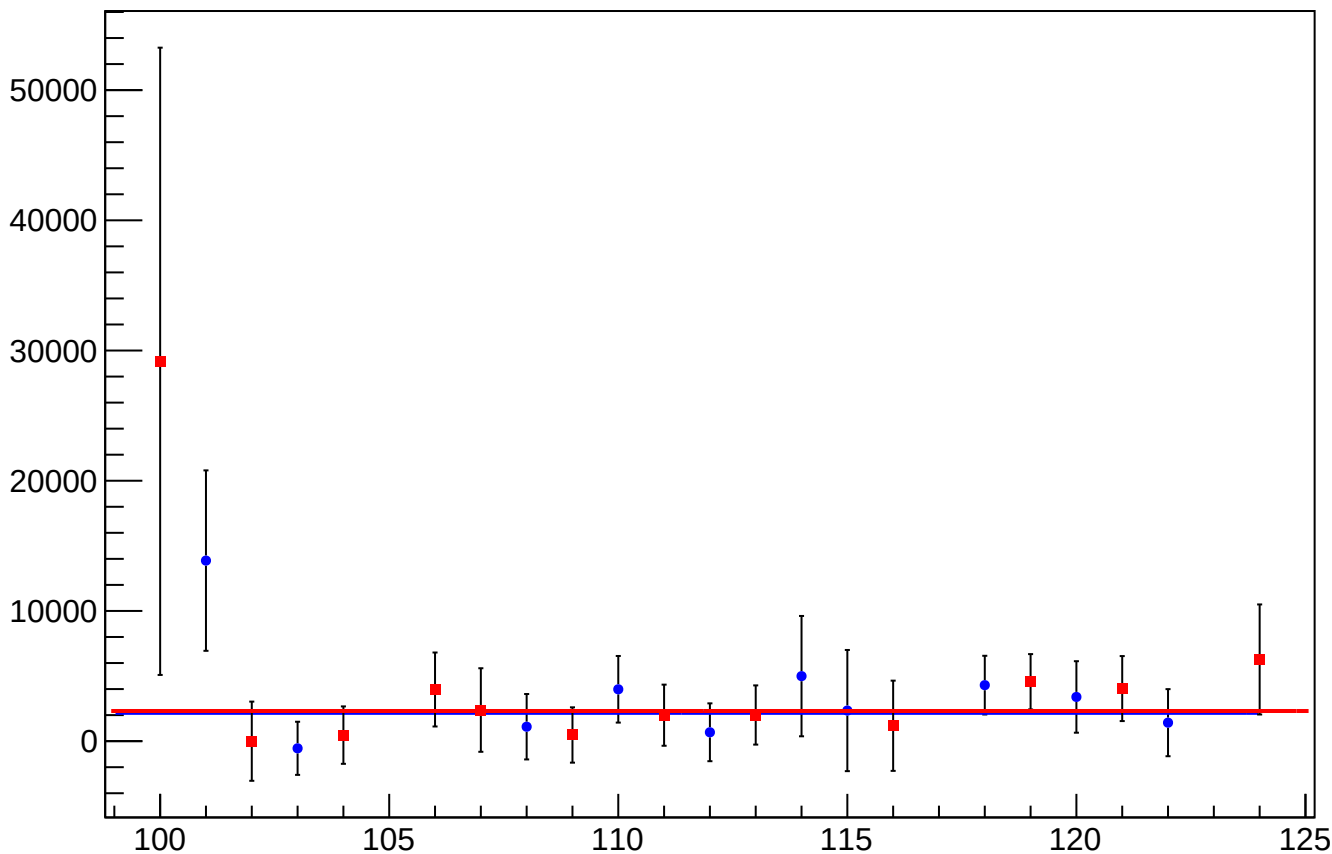
Right: 765.033+/-0.192 χ^2/NDF : 1047970.6/21

In: 805.533+/-0.290 χ^2/NDF : 416025.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.033+/-0.192 χ^2/NDF : 1047970.6/21

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2175.048+/-861.270 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2315.963+/-777.512 χ^2/NDF : 6.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

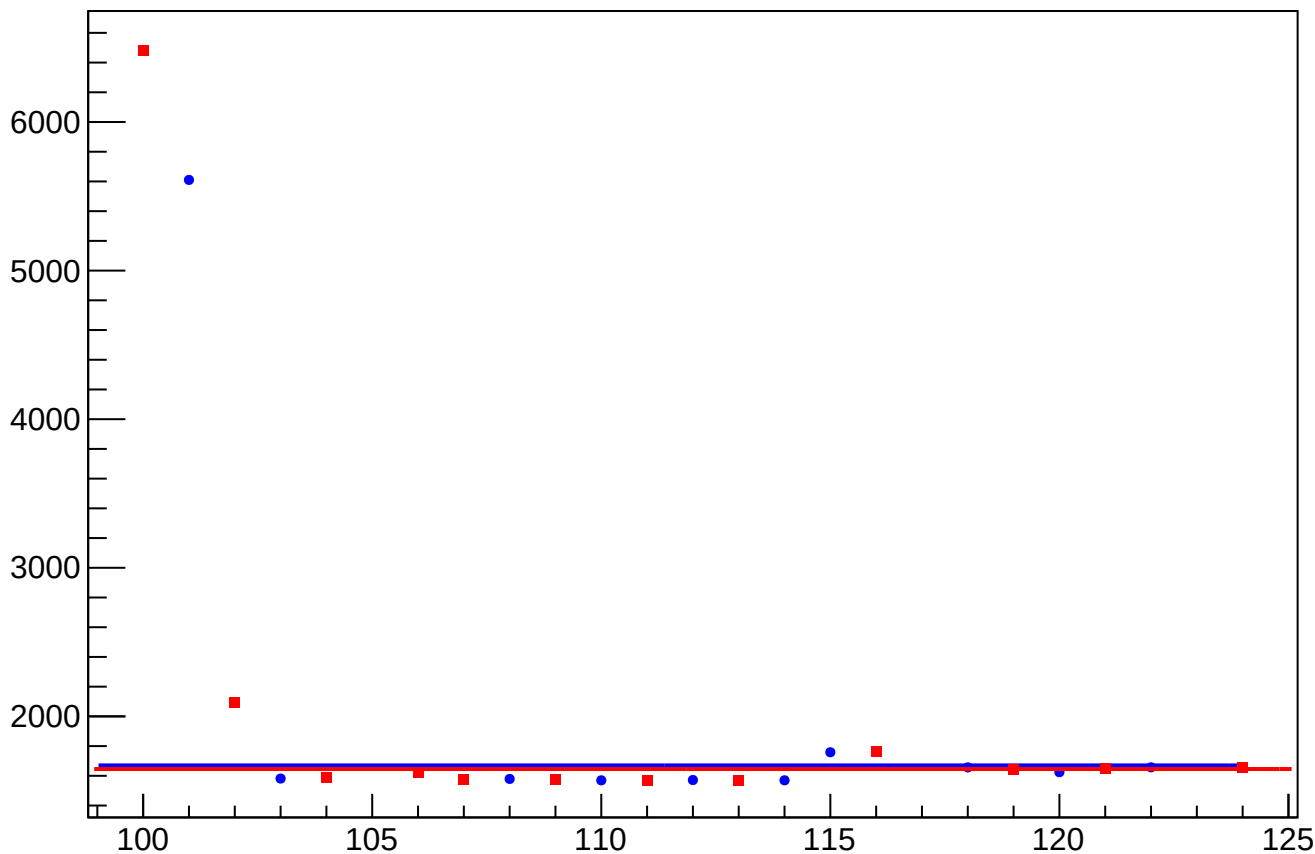
Right: 2252.689+/-577.130 χ^2/NDF : 13.6/21

In: 2175.048+/-861.270 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2252.689+/-577.130 χ^2/NDF : 13.6/21

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1669.995+/-0.609 χ^2/NDF : 662500.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.760+/-0.550 χ^2/NDF : 135849.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

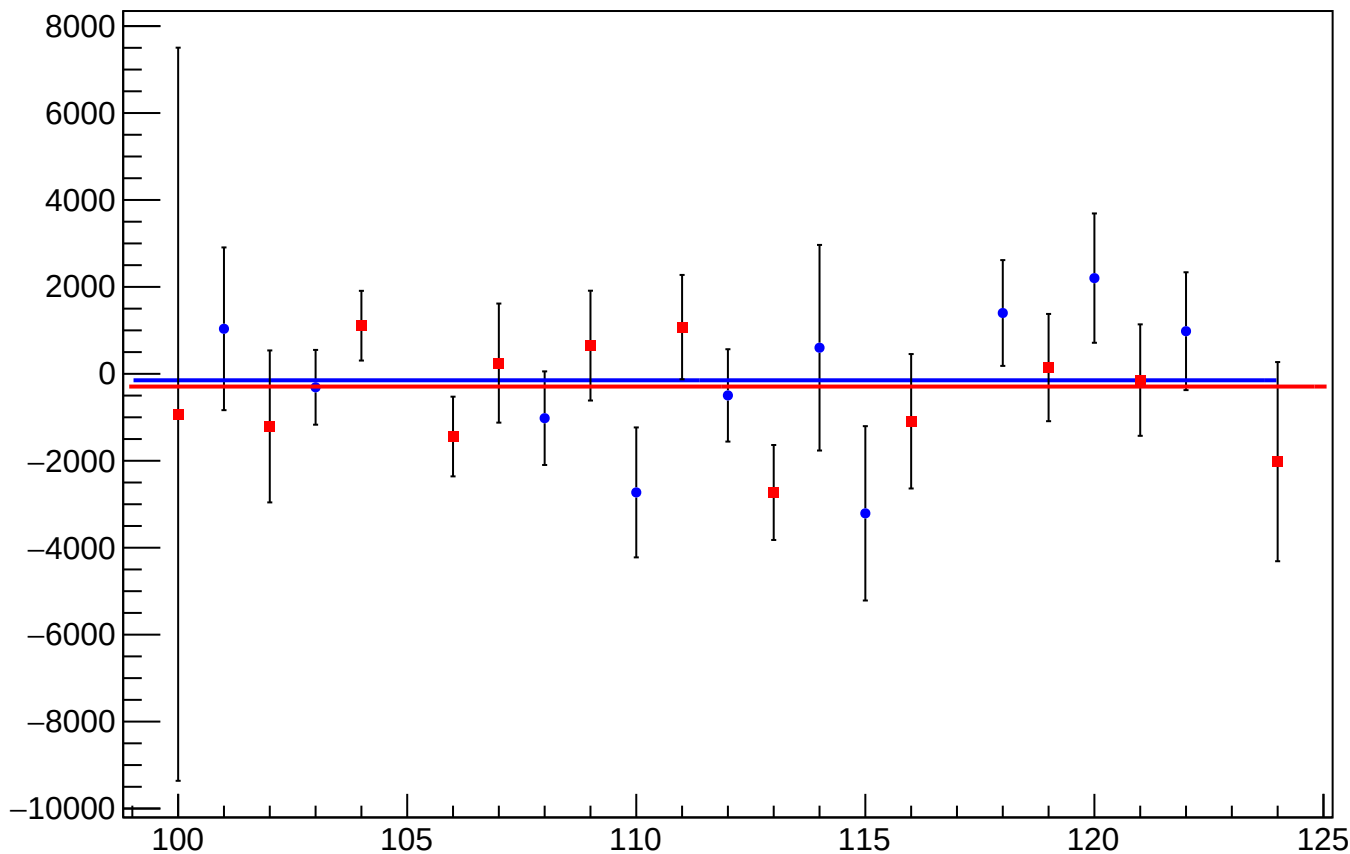
Right: 1656.642+/-0.408 χ^2/NDF : 799221.5/21

In: 1669.995+/-0.609 χ^2/NDF : 662500.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.642+/-0.408 χ^2/NDF : 799221.5/21

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -148.311+/-410.567 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -292.554+/-361.501 χ^2/NDF : 12.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

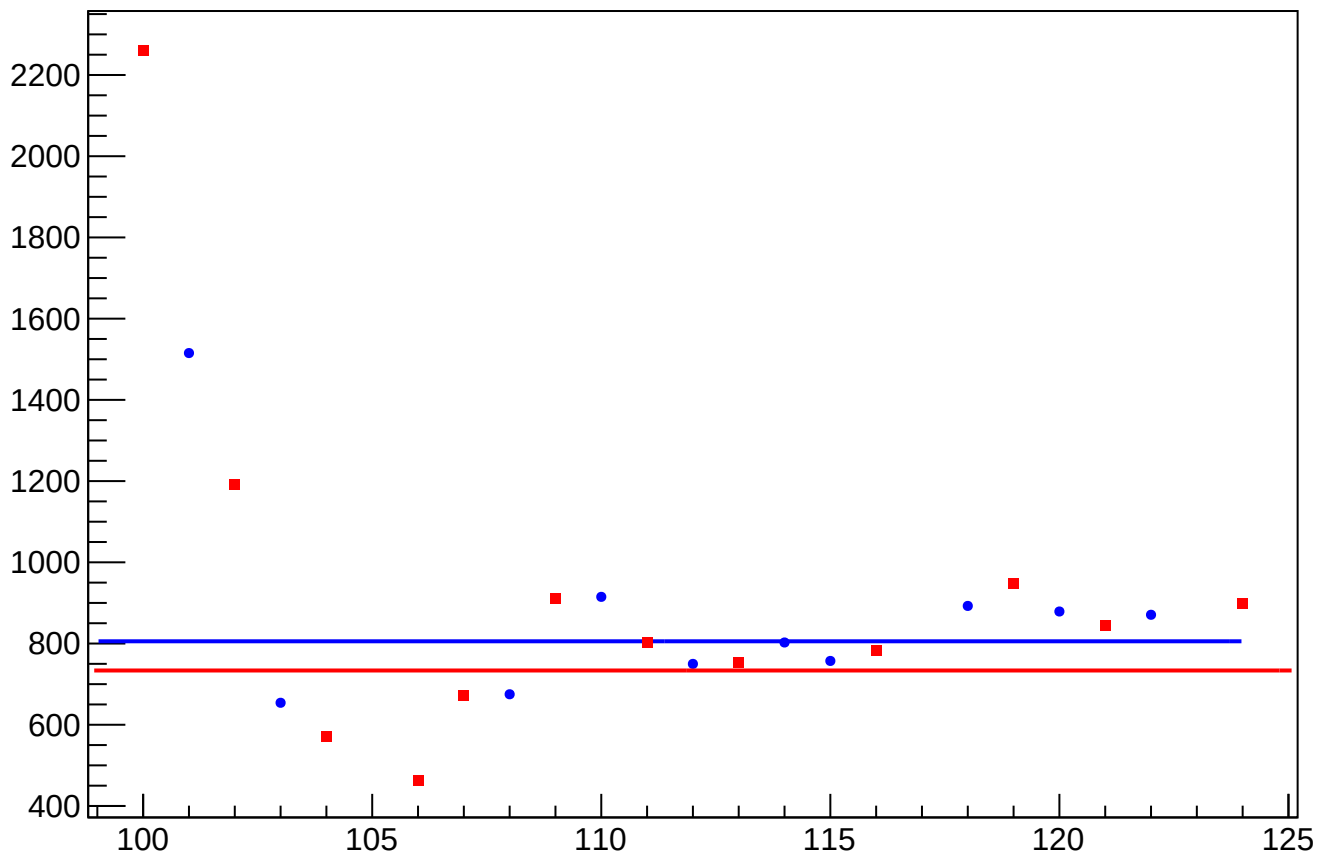
Right: -229.563+/-271.317 χ^2/NDF : 24.3/21

In: -148.311+/-410.567 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.563+/-271.317 χ^2/NDF : 24.3/21

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 805.533+/-0.290 χ^2/NDF : 416025.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 733.635+/-0.256 χ^2/NDF : 597397.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

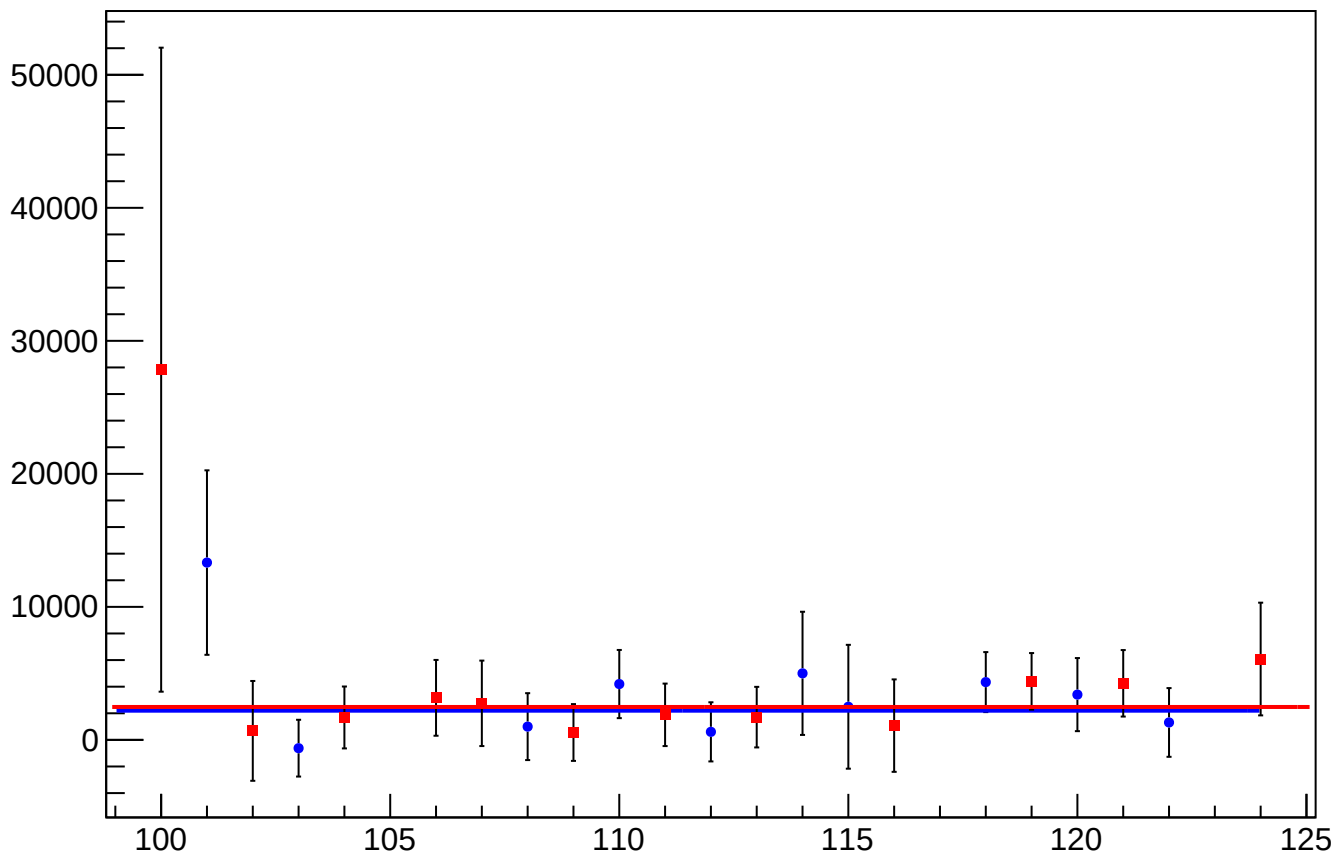
Right: 765.033+/-0.192 χ^2/NDF : 1047970.6/21

In: 805.533+/-0.290 χ^2/NDF : 416025.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.033+/-0.192 χ^2/NDF : 1047970.6/21

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2195.532+/-868.887 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2474.007+/-792.916 χ^2/NDF : 4.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

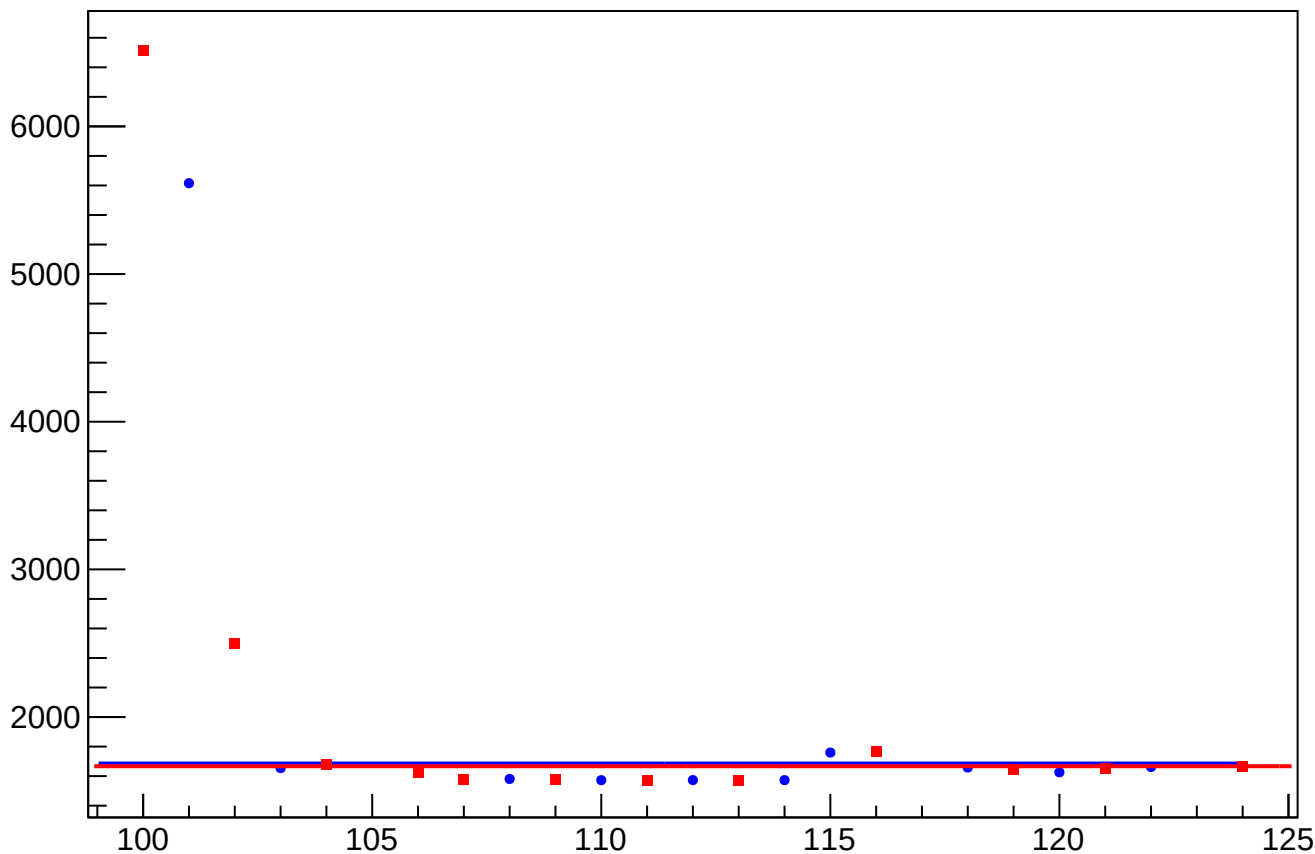
Right: 2347.474+/-585.696 χ^2/NDF : 12.0/21

In: 2195.532+/-868.887 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2347.474+/-585.696 χ^2/NDF : 12.0/21

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1685.210+/-0.614 χ^2/NDF : 658219.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1666.973+/-0.561 χ^2/NDF : 192231.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

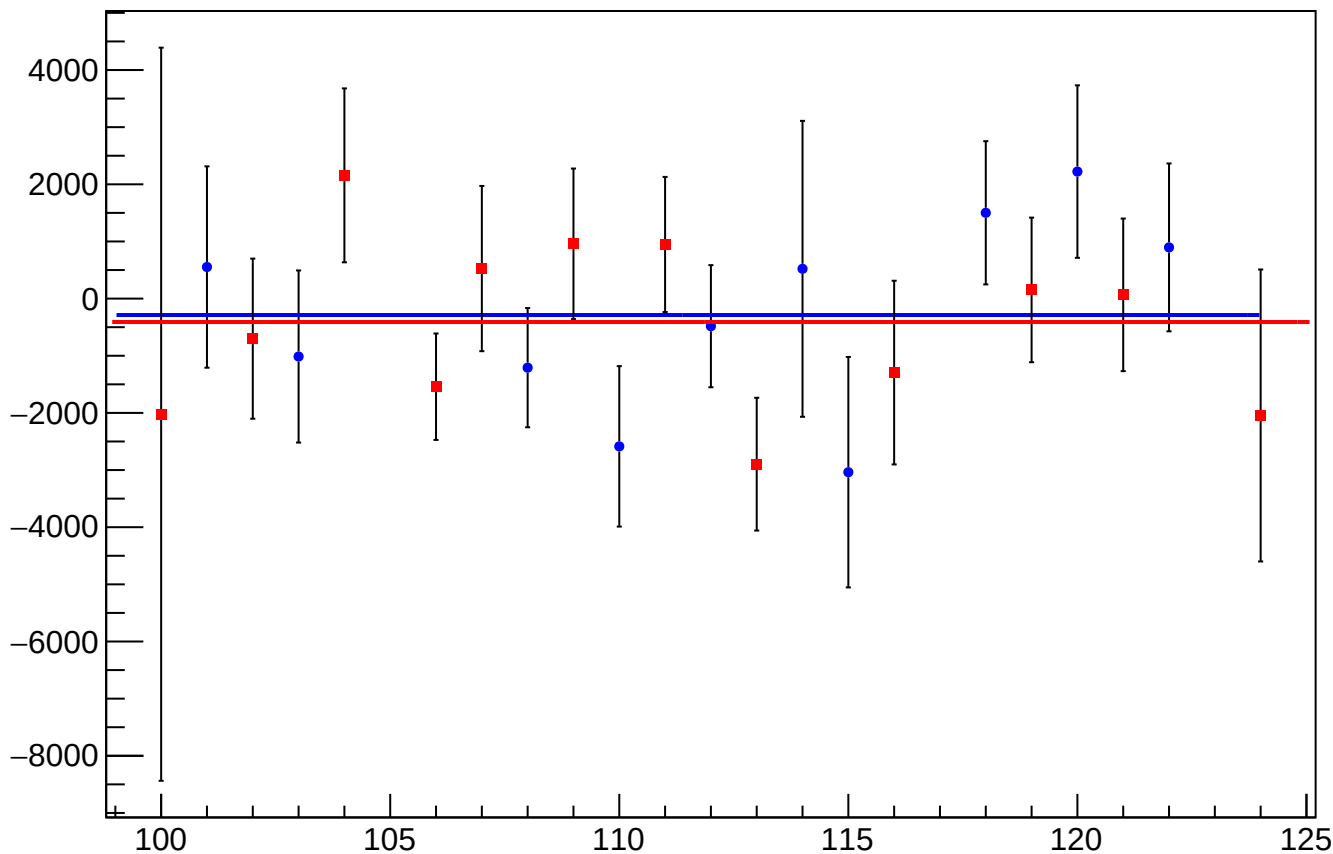
Right: 1675.260+/-0.414 χ^2/NDF : 850931.5/21

In: 1685.210+/-0.614 χ^2/NDF : 658219.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1675.260+/-0.414 χ^2/NDF : 850931.5/21

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -287.079+/-447.199 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -409.057+/-396.659 χ^2/NDF : 12.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

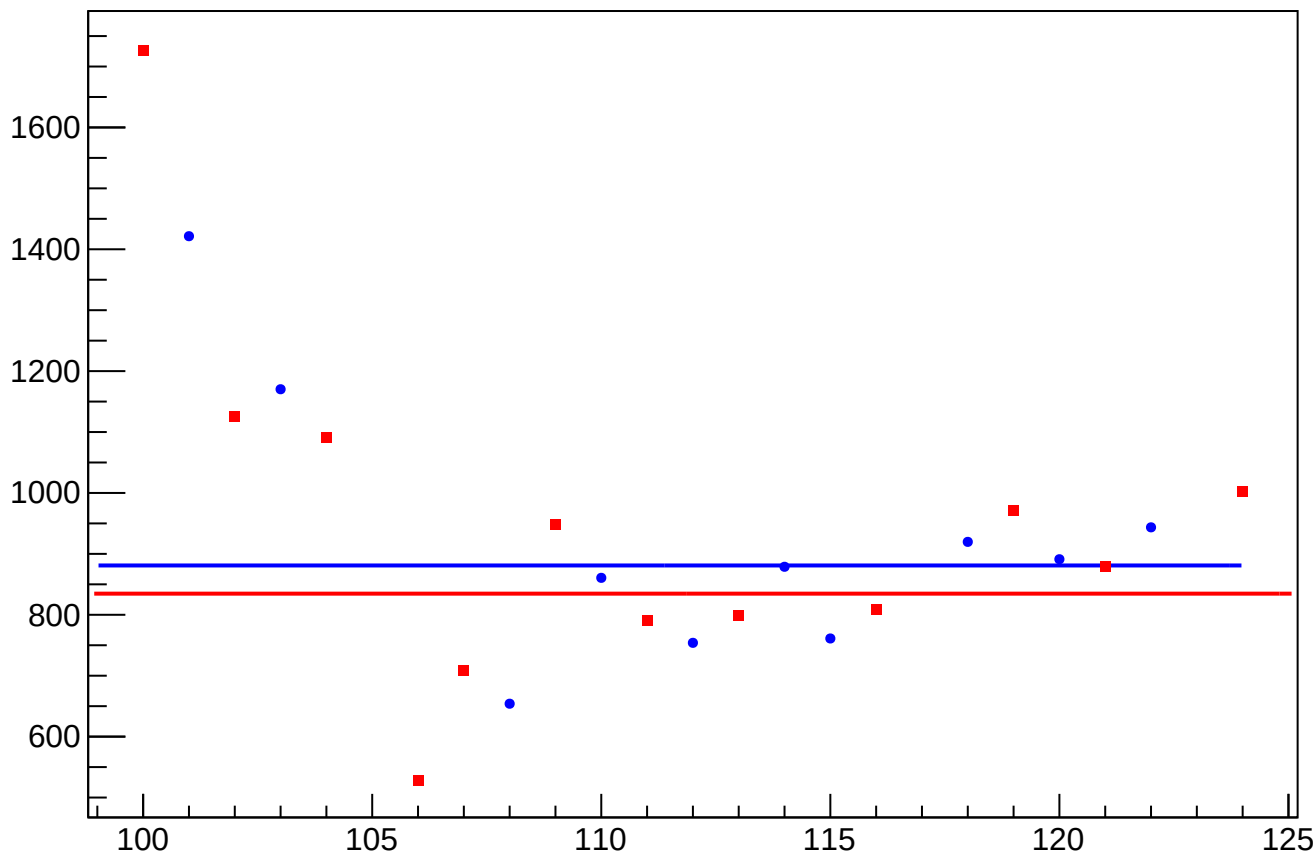
Right: -355.347+/-296.747 χ^2/NDF : 24.3/21

In: -287.079+/-447.199 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -355.347+/-296.747 χ^2/NDF : 24.3/21

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 880.972+/-0.316 χ^2/NDF : 398131.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.698+/-0.280 χ^2/NDF : 467969.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

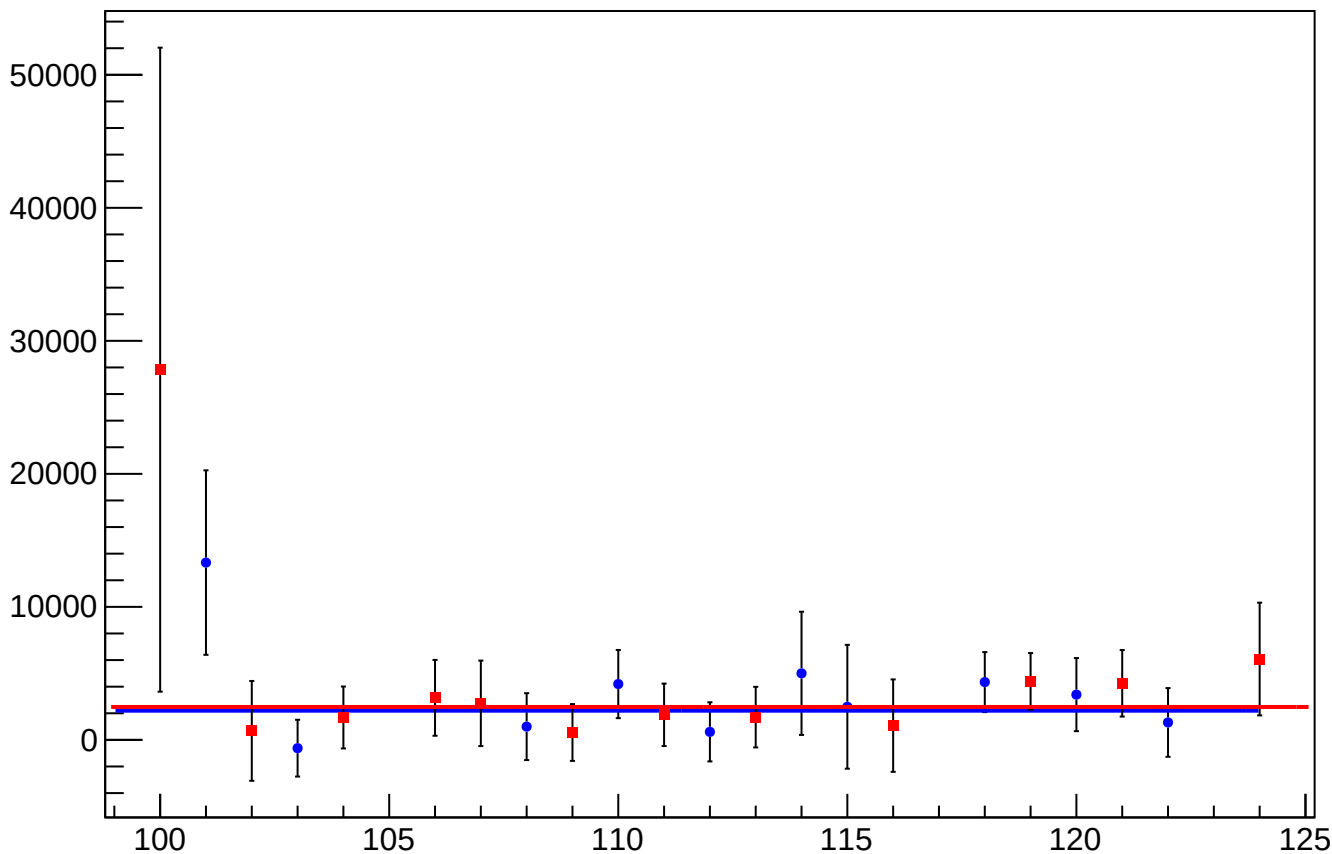
Right: 855.073+/-0.210 χ^2/NDF : 878086.4/21

In: 880.972+/-0.316 χ^2/NDF : 398131.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.073+/-0.210 χ^2/NDF : 878086.4/21

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2195.532 $\pm$ 868.887 χ^2 /NDF: 7.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2474.009 $\pm$ 792.915 χ^2 /NDF: 4.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

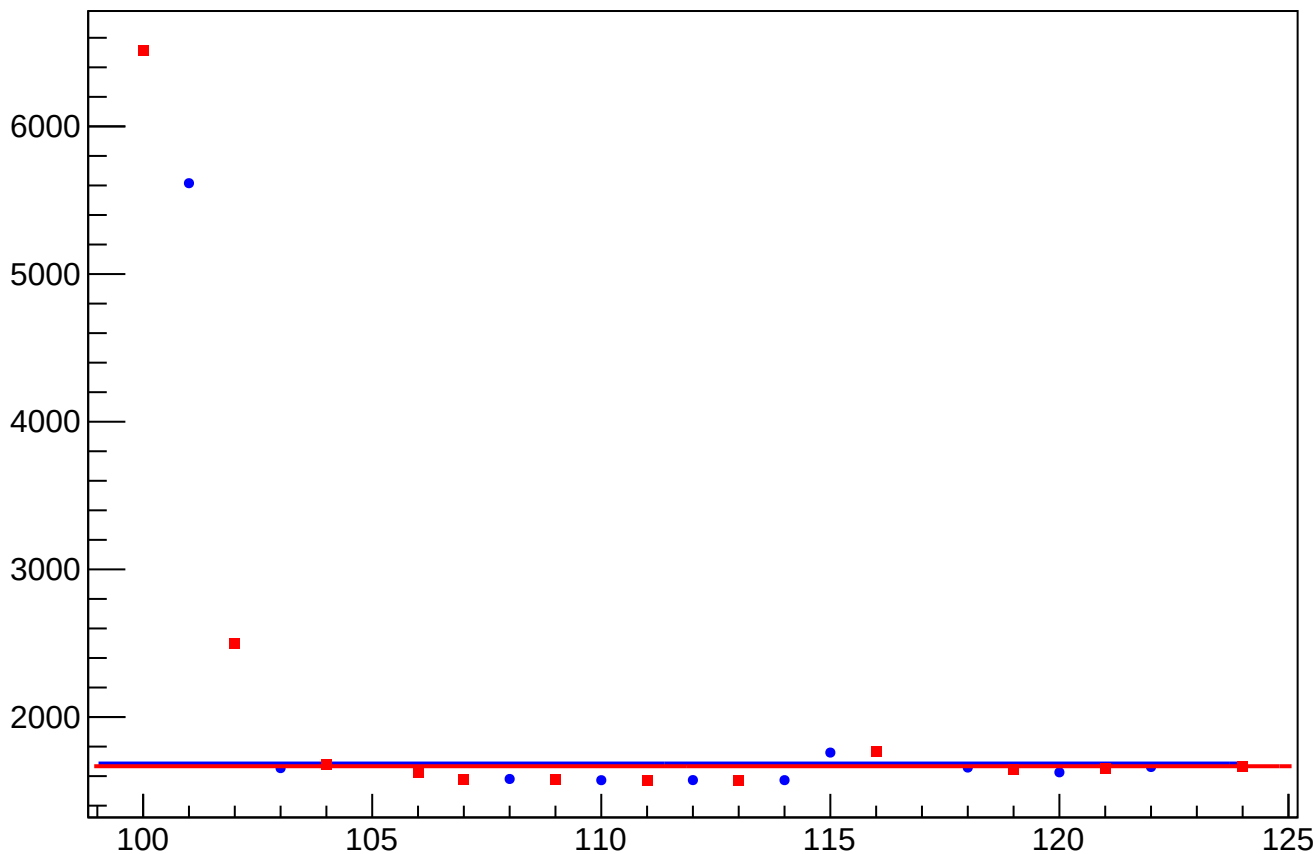
Right: 2347.475 $\pm$ 585.696 χ^2 /NDF: 12.0/21

In: 2195.532 $\pm$ 868.887 χ^2 /NDF:7.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2347.475 $\pm$ 585.696 χ^2 /NDF: 12.0/21

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1685.210+/-0.614 χ^2/NDF : 658219.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1666.973+/-0.561 χ^2/NDF : 192230.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

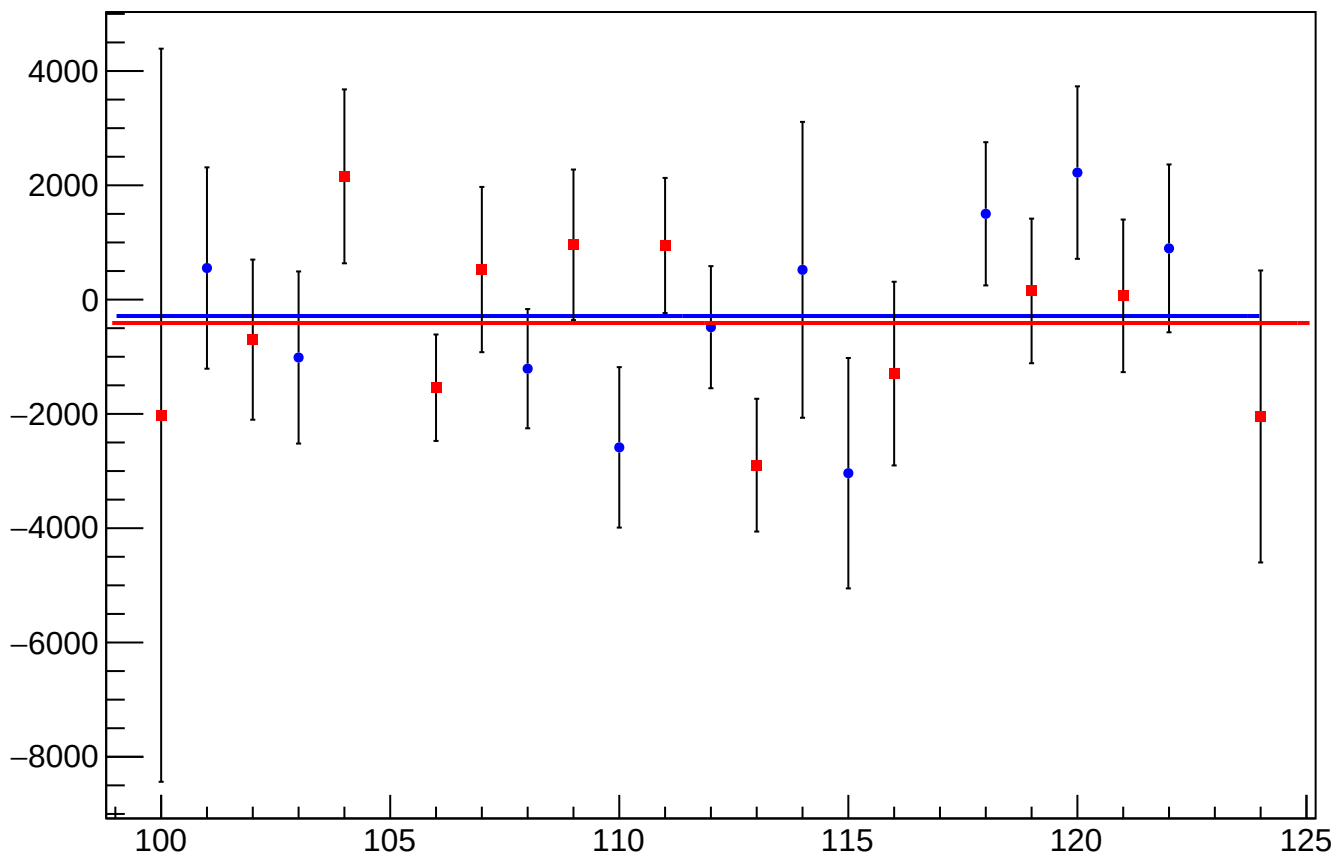
Right: 1675.260+/-0.414 χ^2/NDF : 850931.3/21

In: 1685.210+/-0.614 χ^2/NDF : 658219.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1675.260+/-0.414 χ^2/NDF : 850931.3/21

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -287.078+/-447.197 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -409.055+/-396.657 χ^2/NDF : 12.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

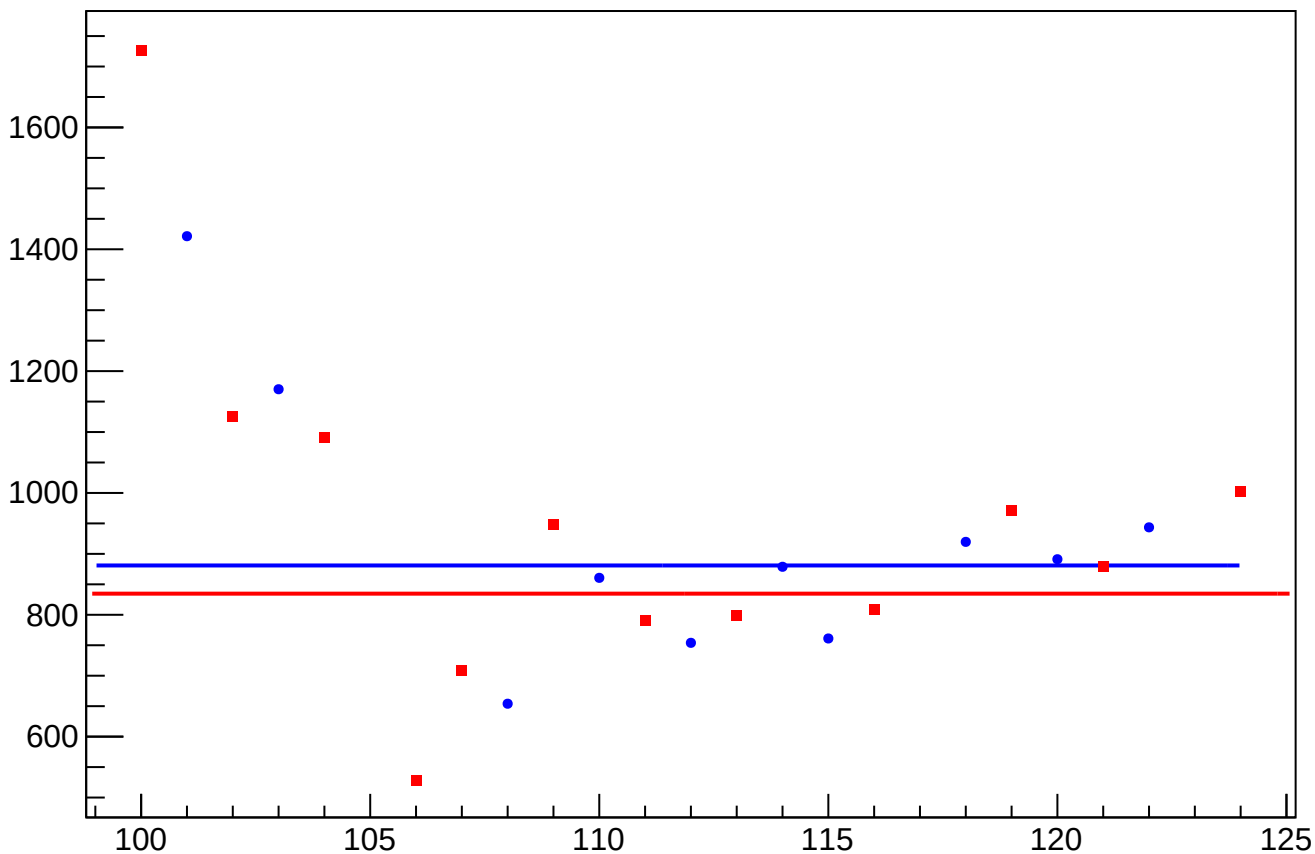
Right: -355.346+/-296.746 χ^2/NDF : 24.3/21

In: -287.078+/-447.197 χ^2/NDF :11.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -355.346+/-296.746 χ^2/NDF : 24.3/21

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 880.968+/-0.316 χ^2/NDF : 398135.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.695+/-0.280 χ^2/NDF : 467964.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

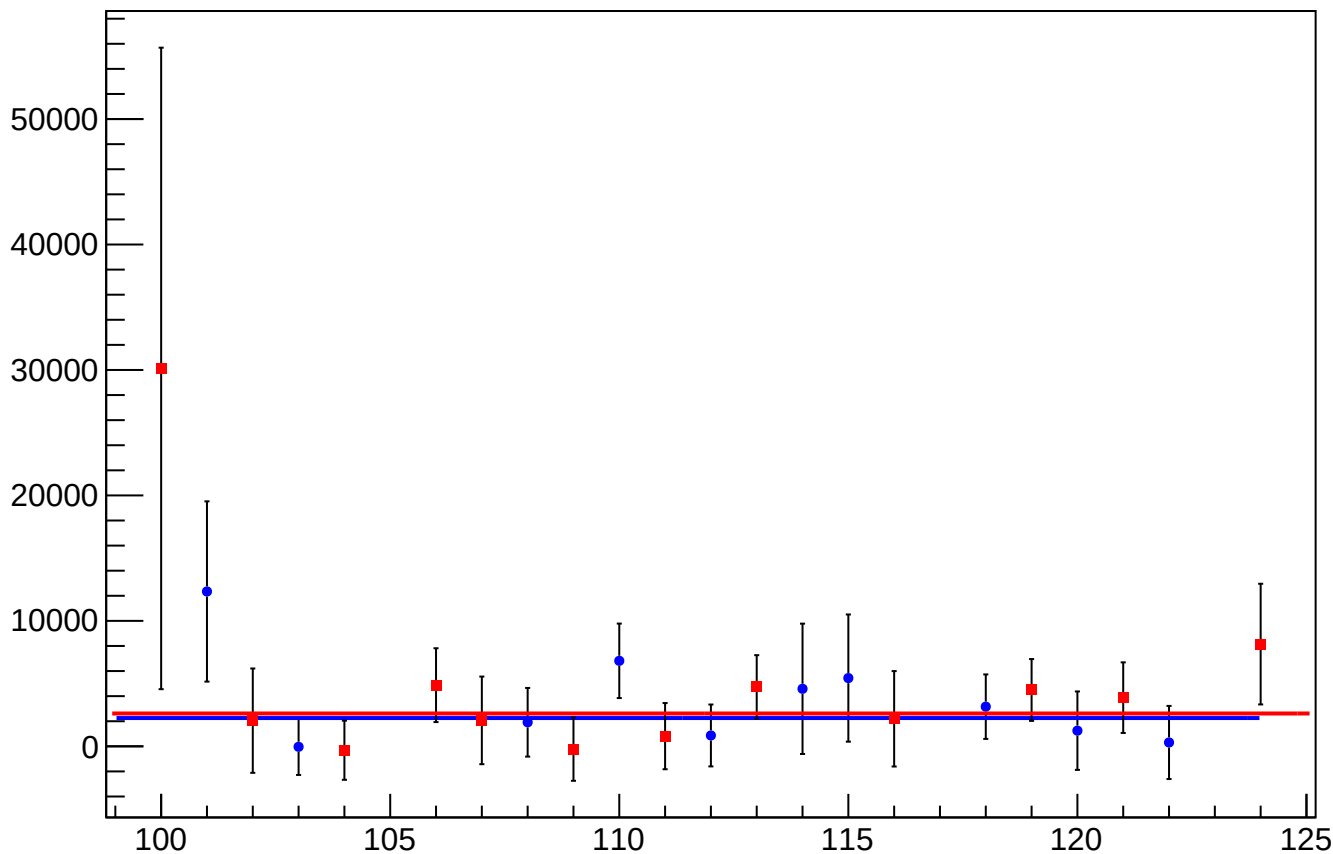
Right: 855.070+/-0.210 χ^2/NDF : 878084.1/21

In: 880.968+/-0.316 χ^2/NDF : 398135.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.070+/-0.210 χ^2/NDF : 878084.1/21

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2253.850+/-963.584 χ^2/NDF : 7.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2618.013+/-877.662 χ^2/NDF : 7.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

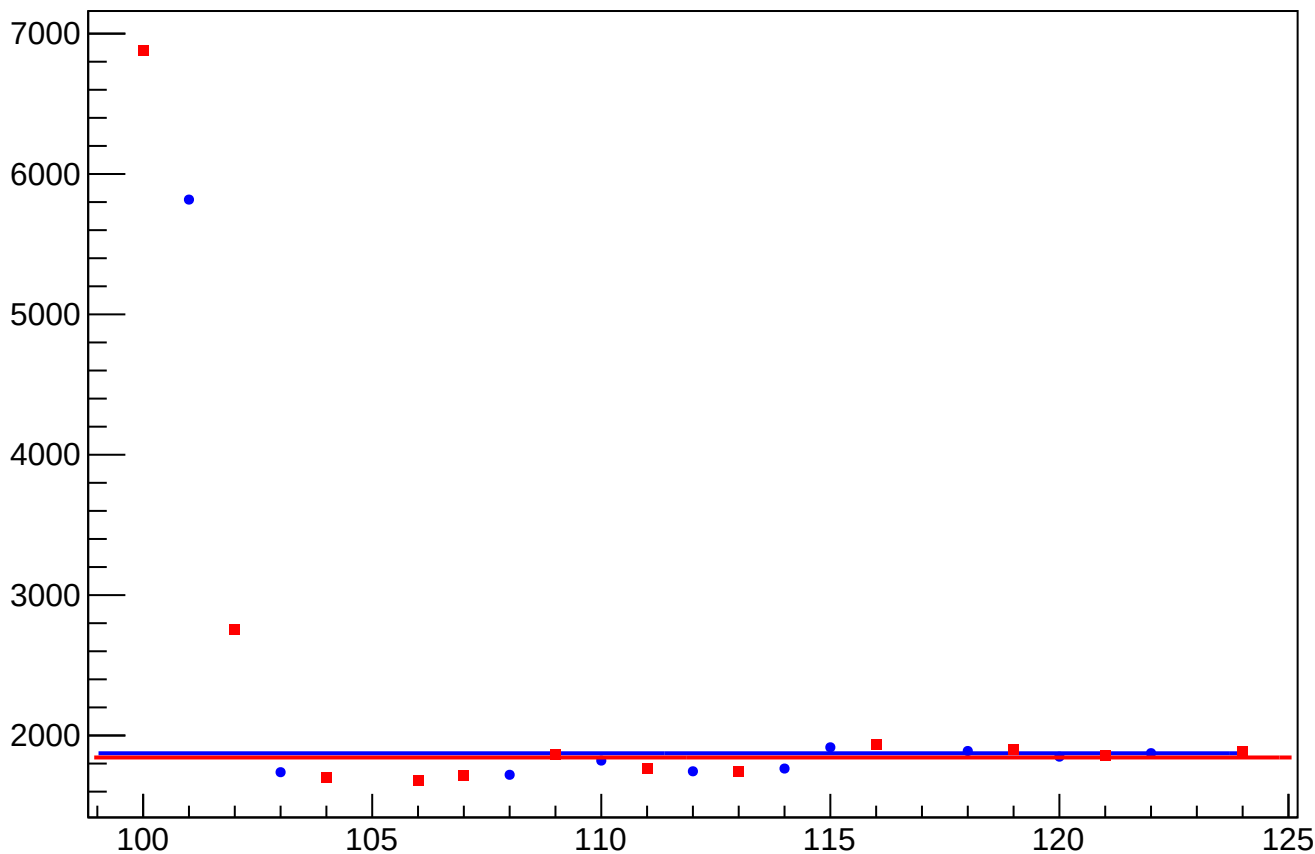
Right: 2452.888+/-648.855 χ^2/NDF : 15.0/21

In: 2253.850+/-963.584 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2452.888+/-648.855 χ^2/NDF : 15.0/21

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1873.183+/-0.681 χ^2/NDF : 623690.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1843.299+/-0.621 χ^2/NDF : 198179.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

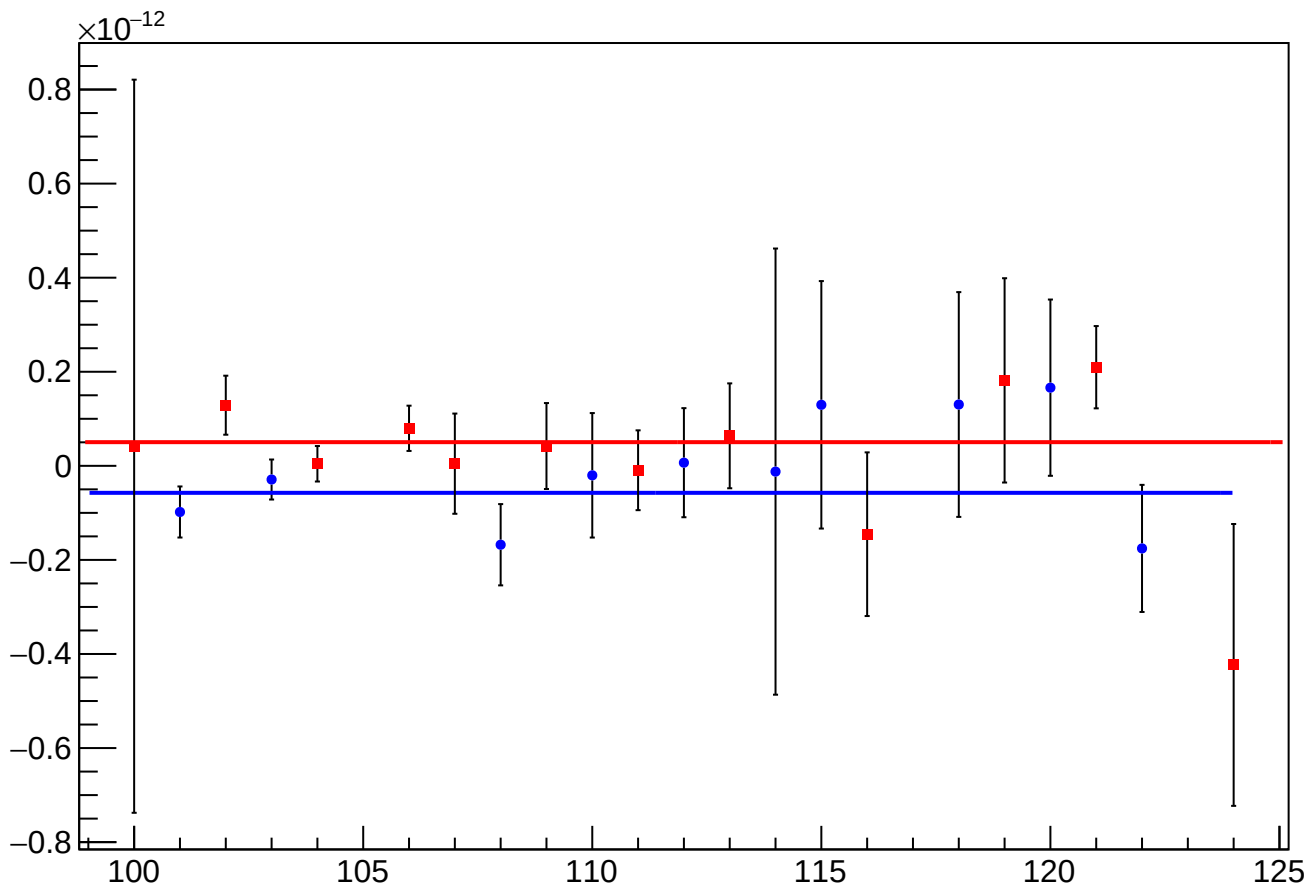
Right: 1856.849+/-0.459 χ^2/NDF : 822921.2/21

In: 1873.183+/-0.681 χ^2/NDF : 623690.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.849+/-0.459 χ^2/NDF : 822921.2/21

asym_usr_atr1_avg_reg_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 : 11.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

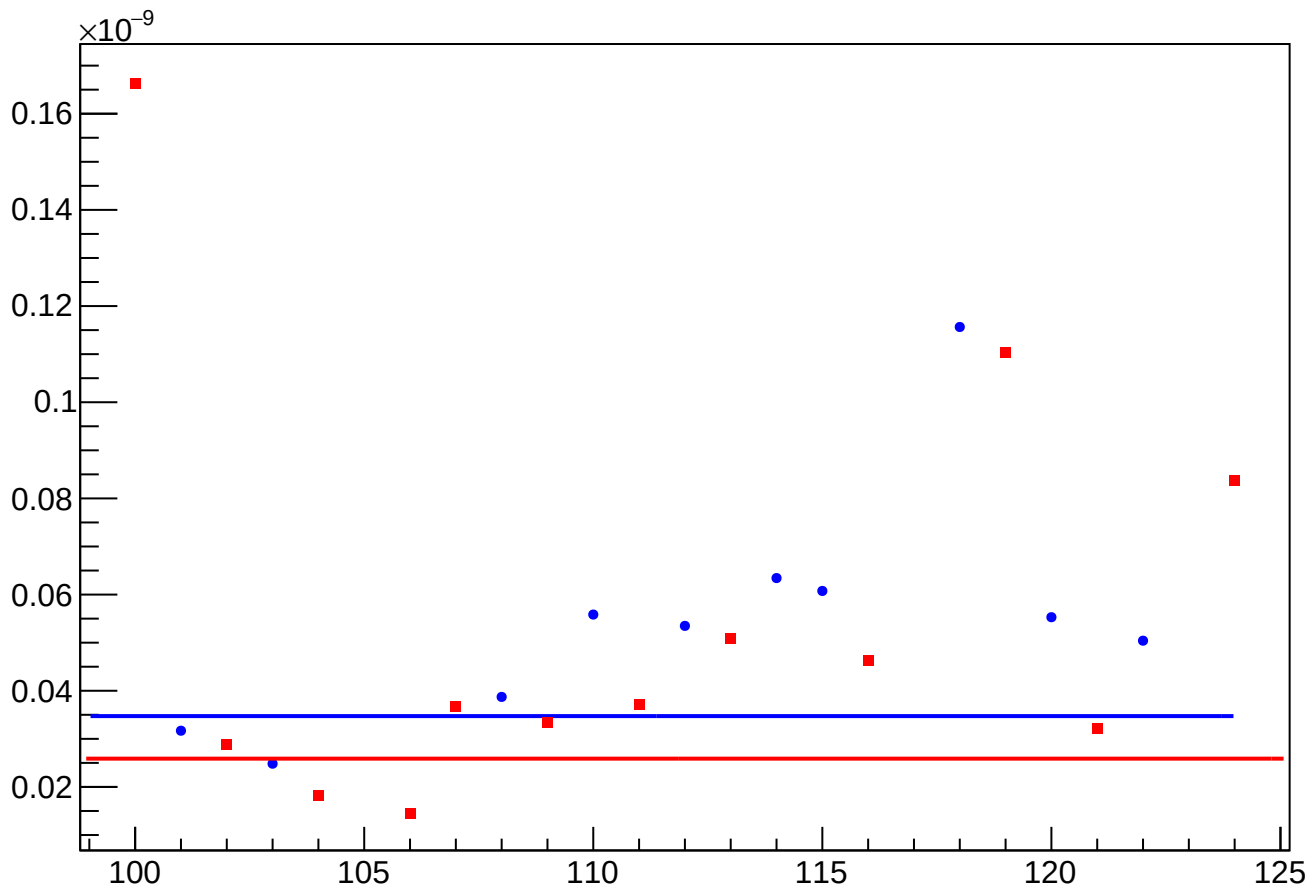
Right: 0.000+/-0.000 χ^2/NDF : 27.0/21

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 : 27.0/21

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 529378.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 850518.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

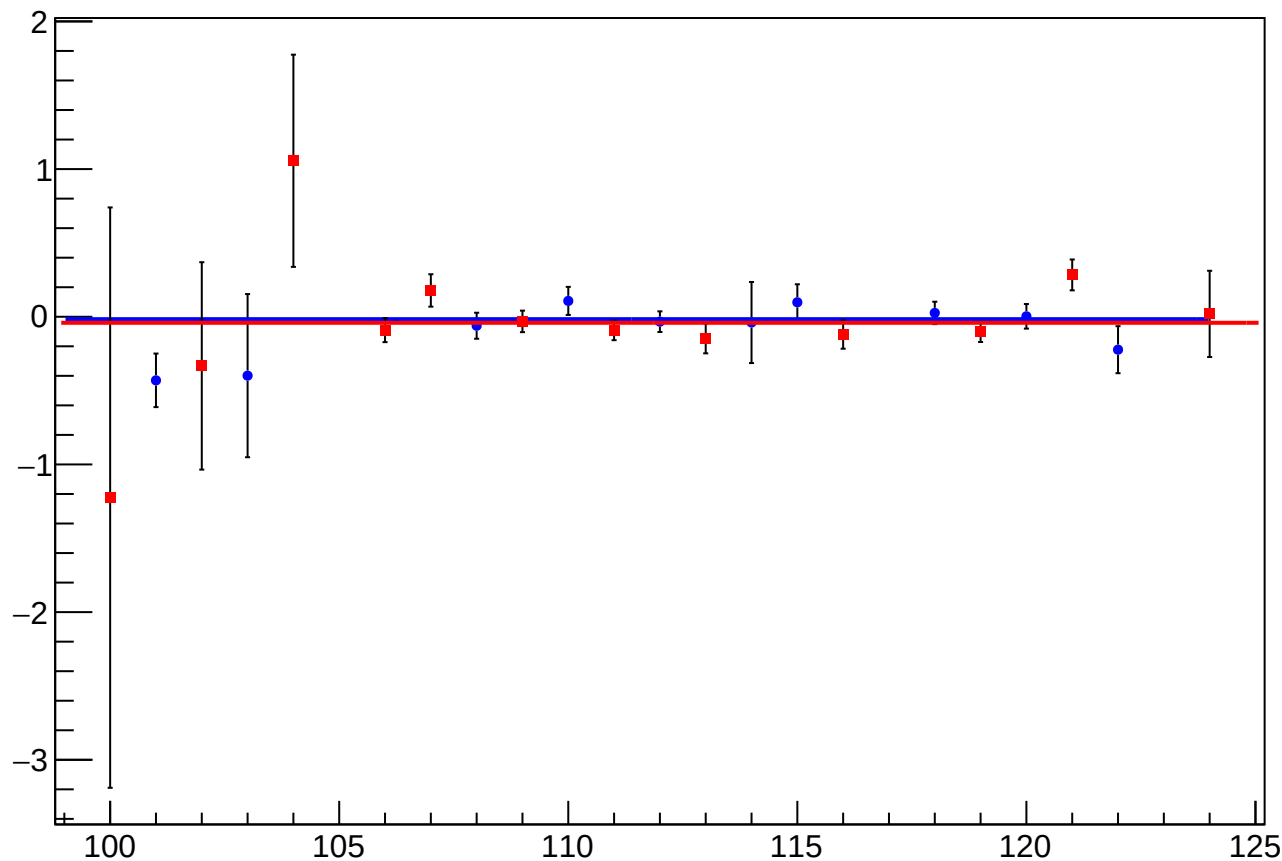
Right: 0.000+/-0.000 χ^2/NDF : 1502221.9/21

In: 0.000+/-0.000 χ^2/NDF : 529378.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1502221.9/21

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.016±/-0.033 χ^2 /NDF: 10.6/9

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.041±/-0.029 χ^2 /NDF: 20.1/11

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

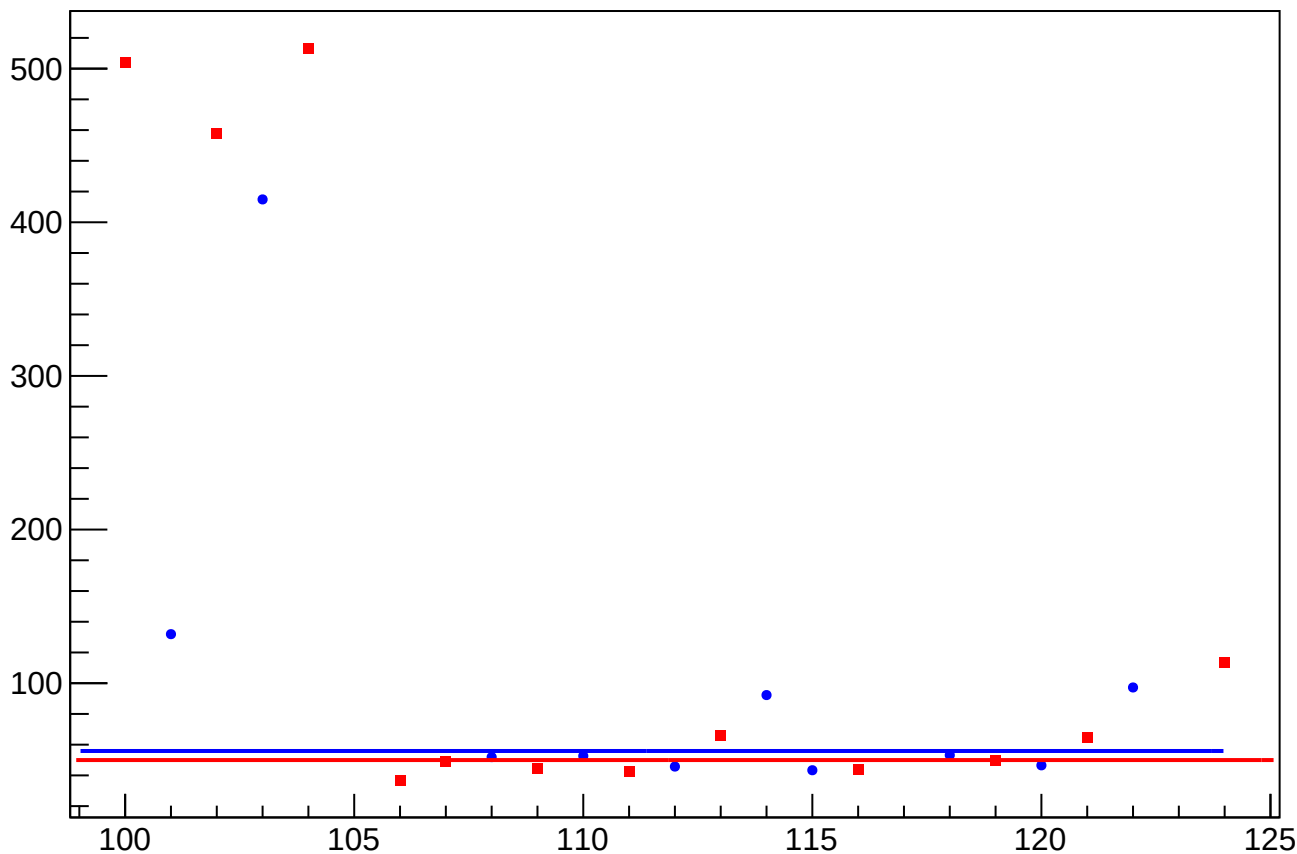
Right: -0.030±/-0.022 χ^2 /NDF: 31.1/21

In: -0.016±/-0.033 χ^2 /NDF:10.6/9

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: -0.030±/-0.022 χ^2 /NDF: 31.1/21

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.884+/-0.023 χ^2/NDF : 1463363.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.981+/-0.021 χ^2/NDF : 1898406.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

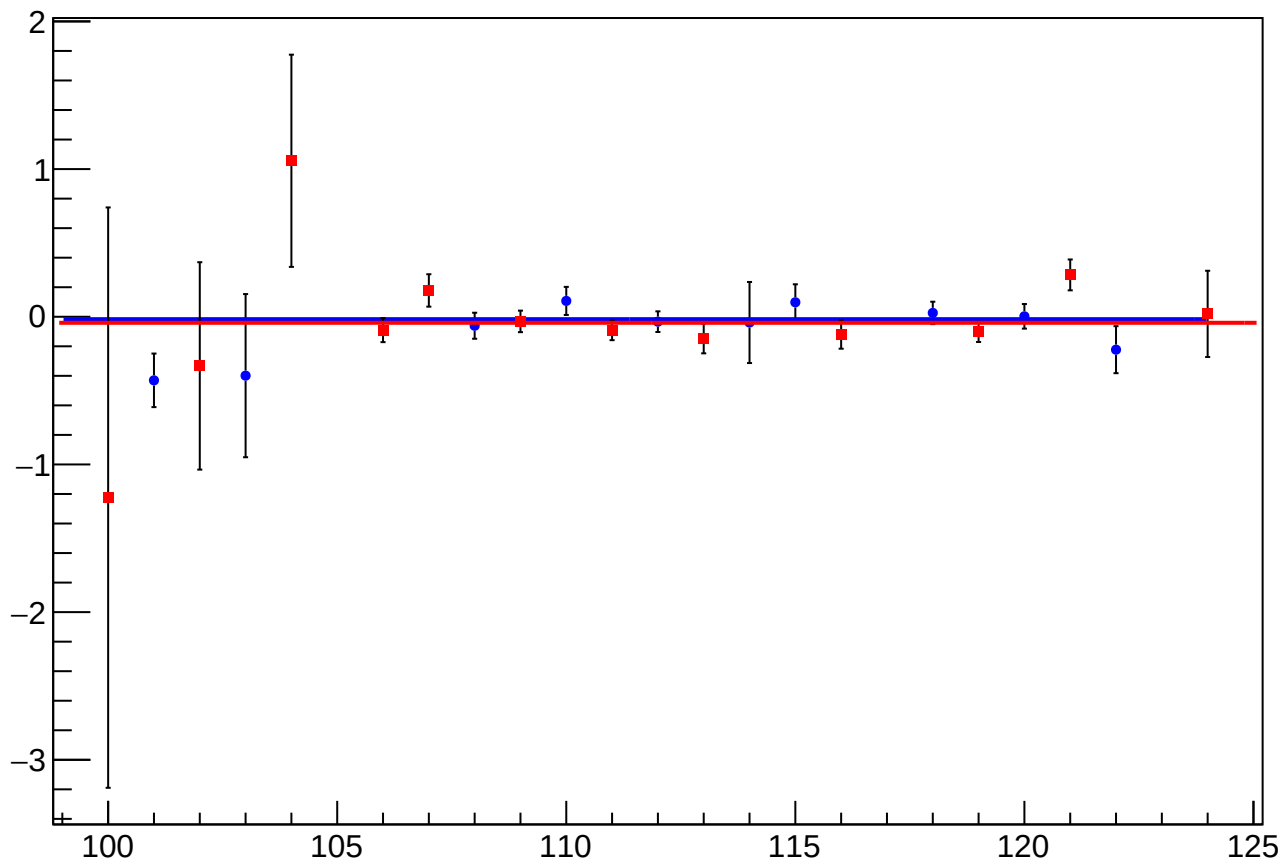
Right: 52.562+/-0.015 χ^2/NDF : 3397690.5/21

In: 55.884+/-0.023 χ^2/NDF : 1463363.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.562+/-0.015 χ^2/NDF : 3397690.5/21

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.033 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.041+/-0.029 χ^2/NDF : 20.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

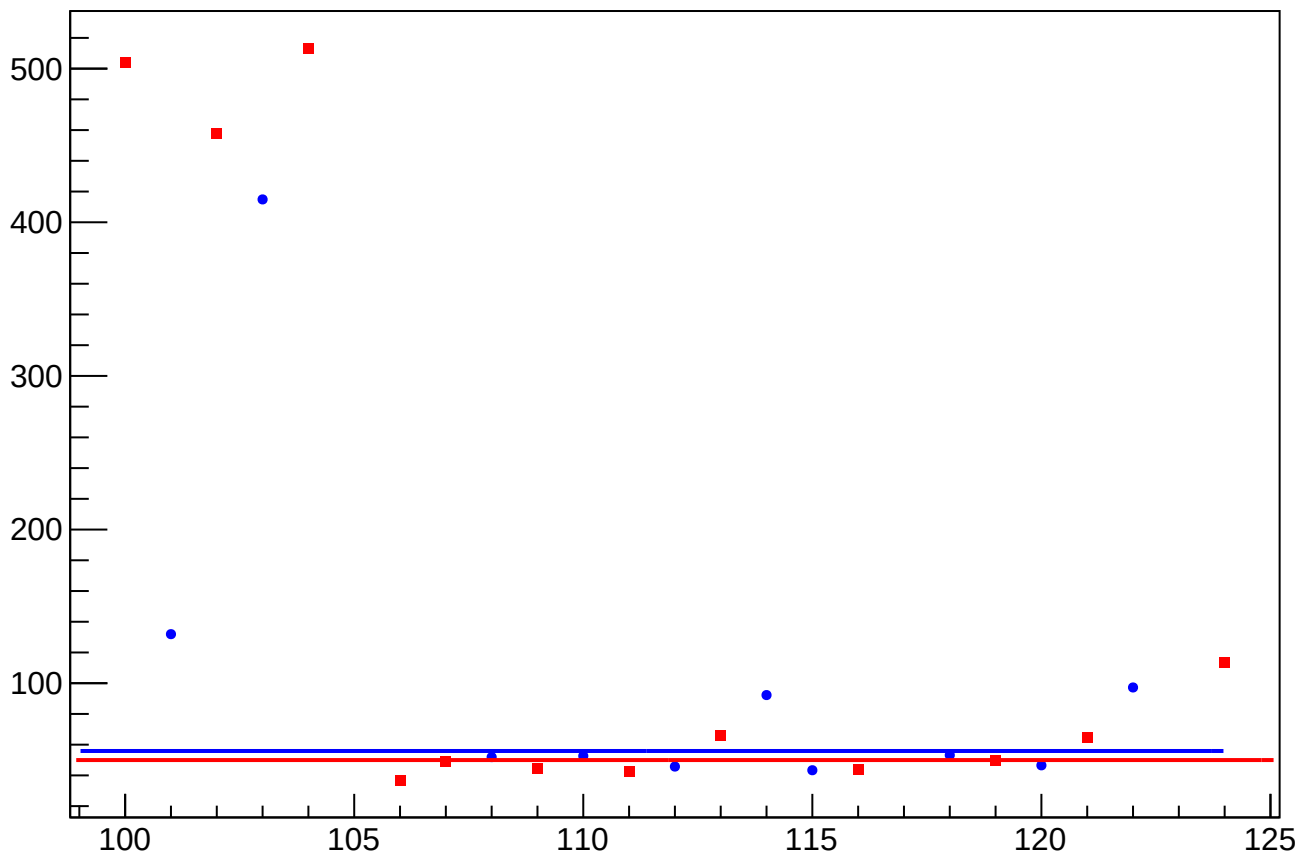
Right: -0.030+/-0.022 χ^2/NDF : 31.1/21

In: -0.016+/-0.033 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.030+/-0.022 χ^2/NDF : 31.1/21

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.884+/-0.023 χ^2/NDF : 1463363.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 49.981+/-0.021 χ^2/NDF : 1898406.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

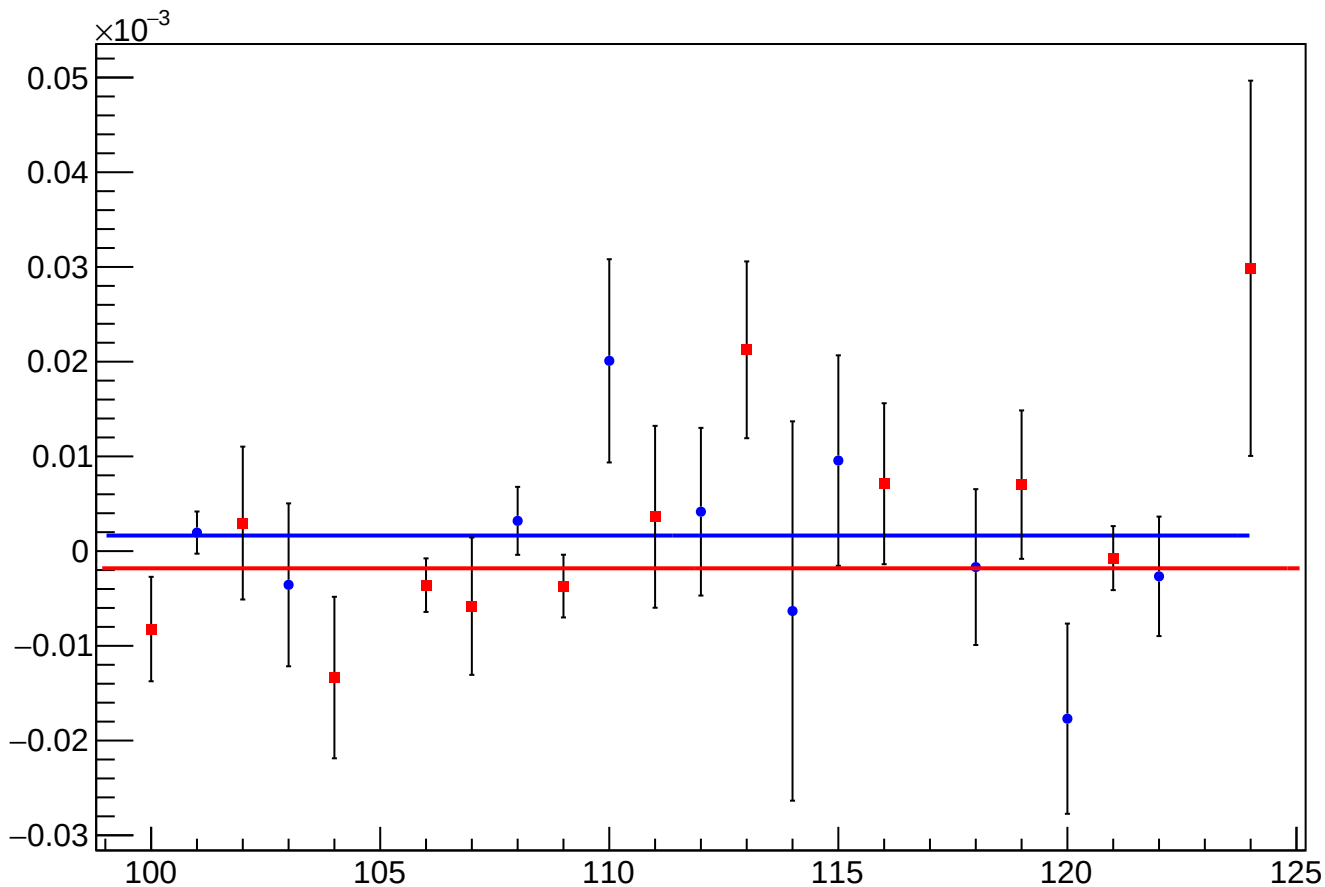
Right: 52.562+/-0.015 χ^2/NDF : 3397690.5/21

In: 55.884+/-0.023 χ^2/NDF :1463363.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.562+/-0.015 χ^2/NDF : 3397690.5/21

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

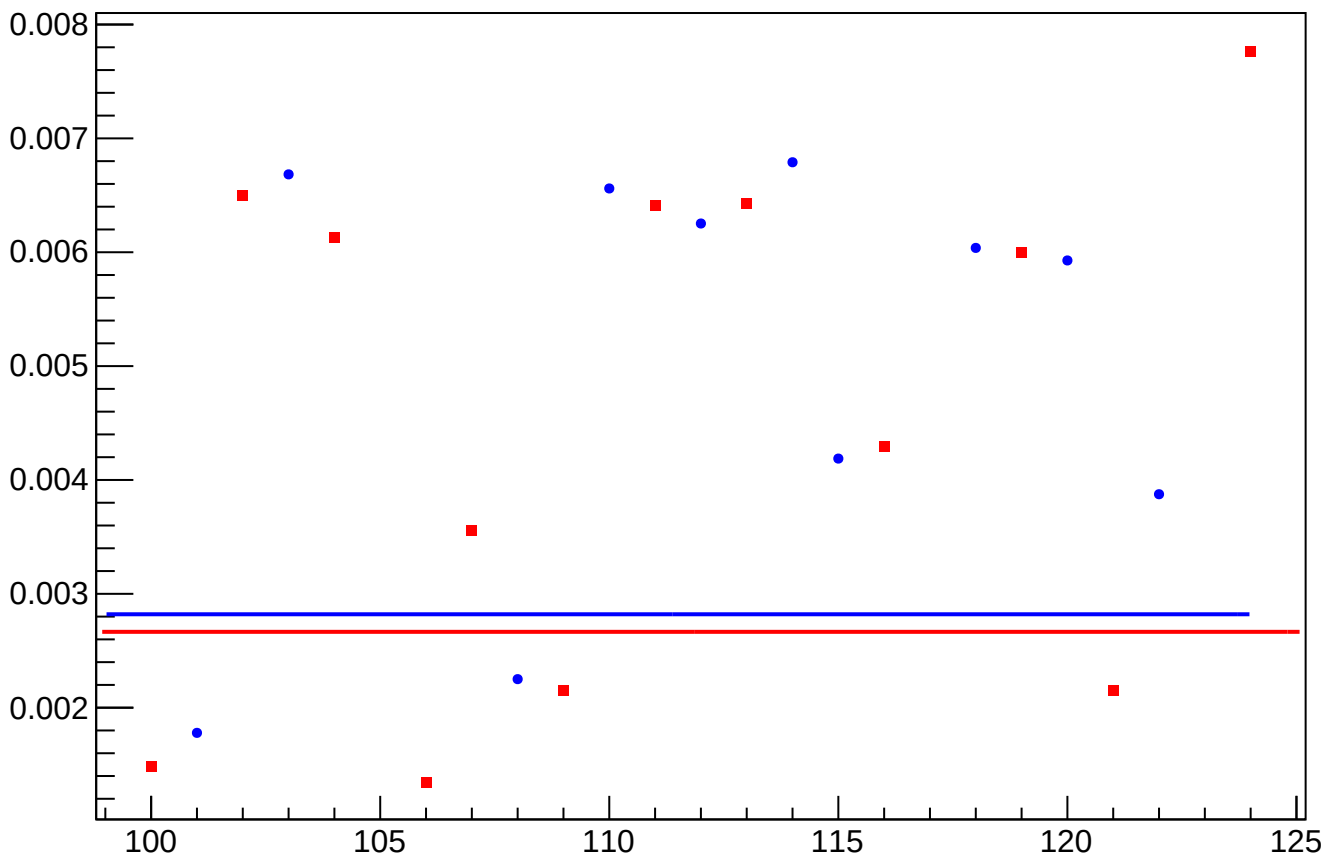
Right: -0.000+/-0.000 χ^2/NDF : 27.1/21

In: 0.000+/-0.000 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.1/21

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2097577.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2632543.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

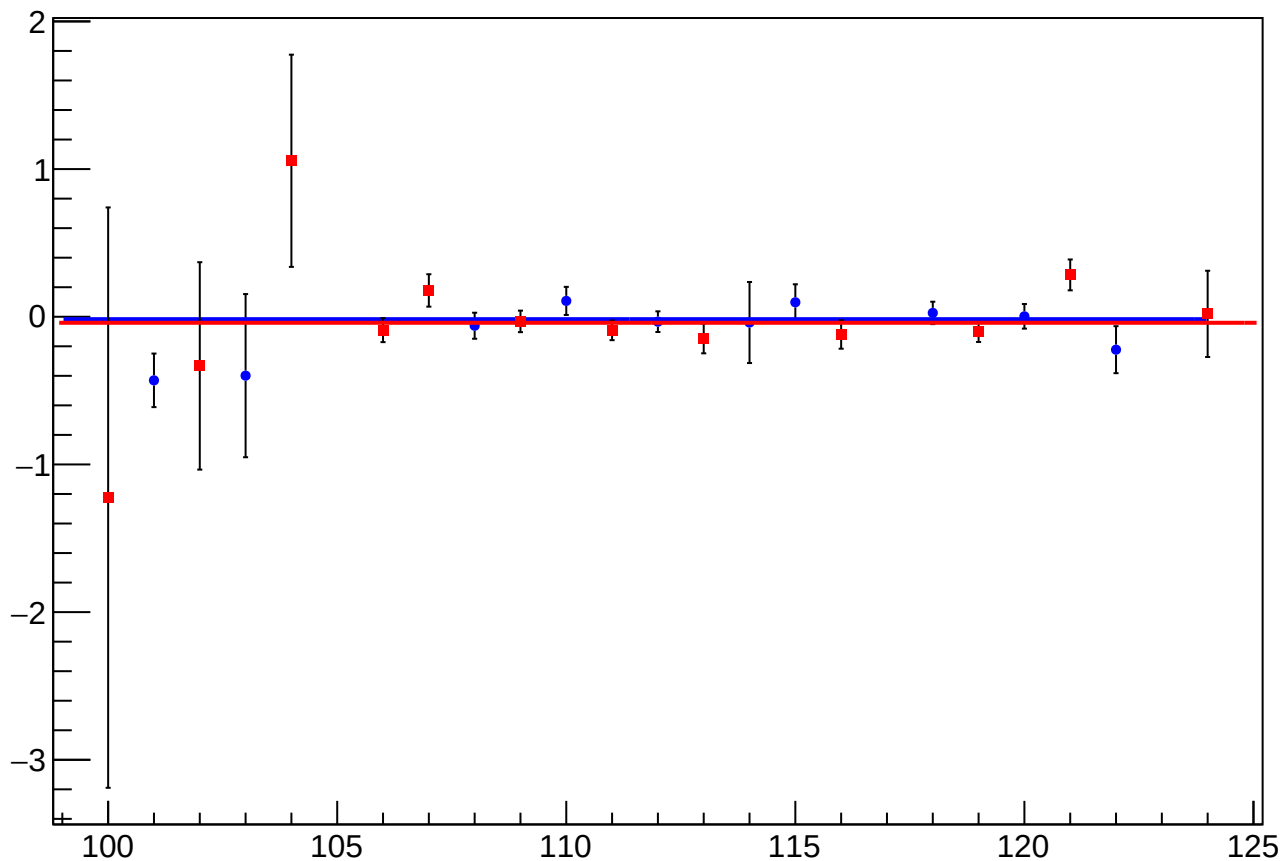
Right: 0.003+/-0.000 χ^2/NDF : 4739750.0/21

In: 0.003+/-0.000 χ^2/NDF :2097577.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4739750.0/21

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.033 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.041+/-0.029 χ^2/NDF : 20.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

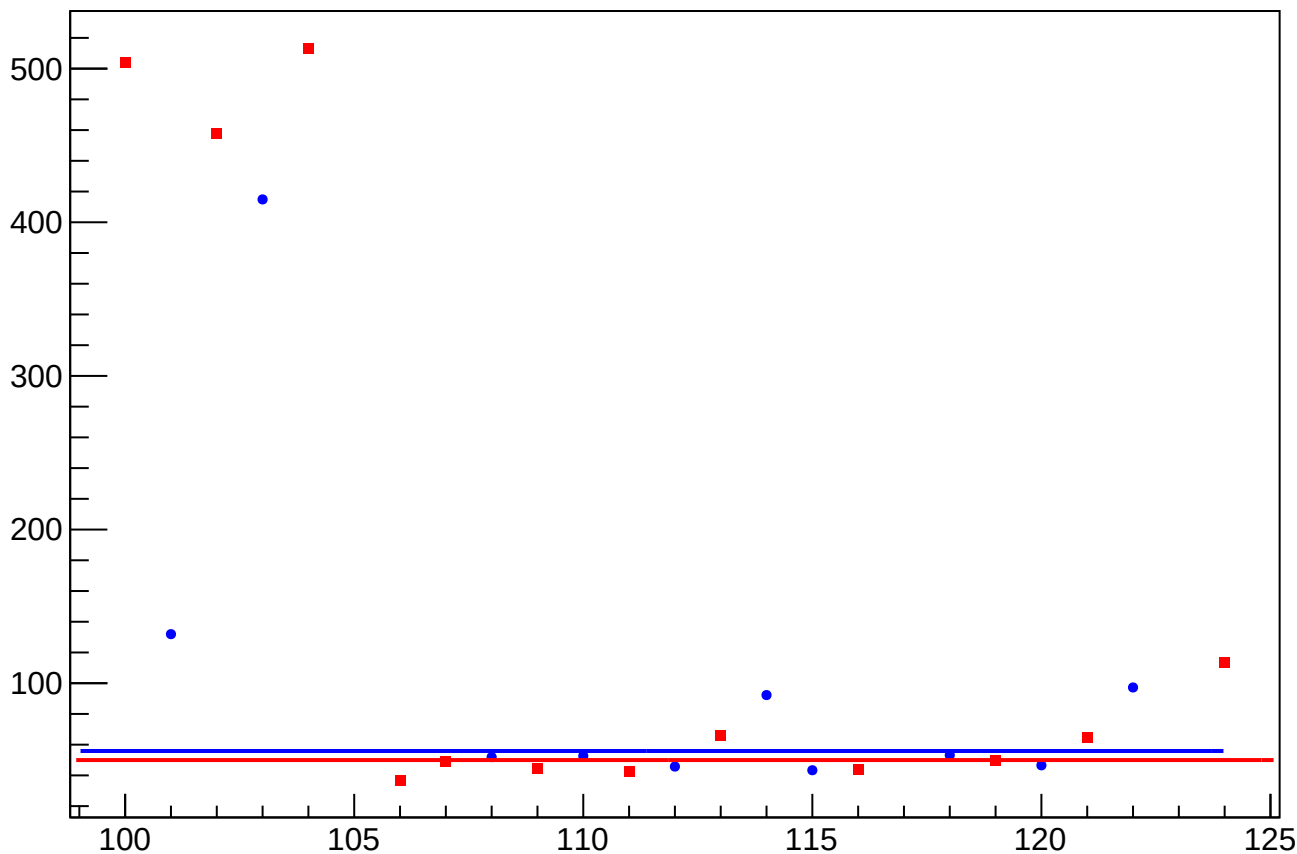
Right: -0.030+/-0.022 χ^2/NDF : 31.1/21

In: -0.016+/-0.033 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.030+/-0.022 χ^2/NDF : 31.1/21

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.885 $\pm$ 0.023 χ^2 /NDF: 1463343.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.981 $\pm$ 0.021 χ^2 /NDF: 1898365.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

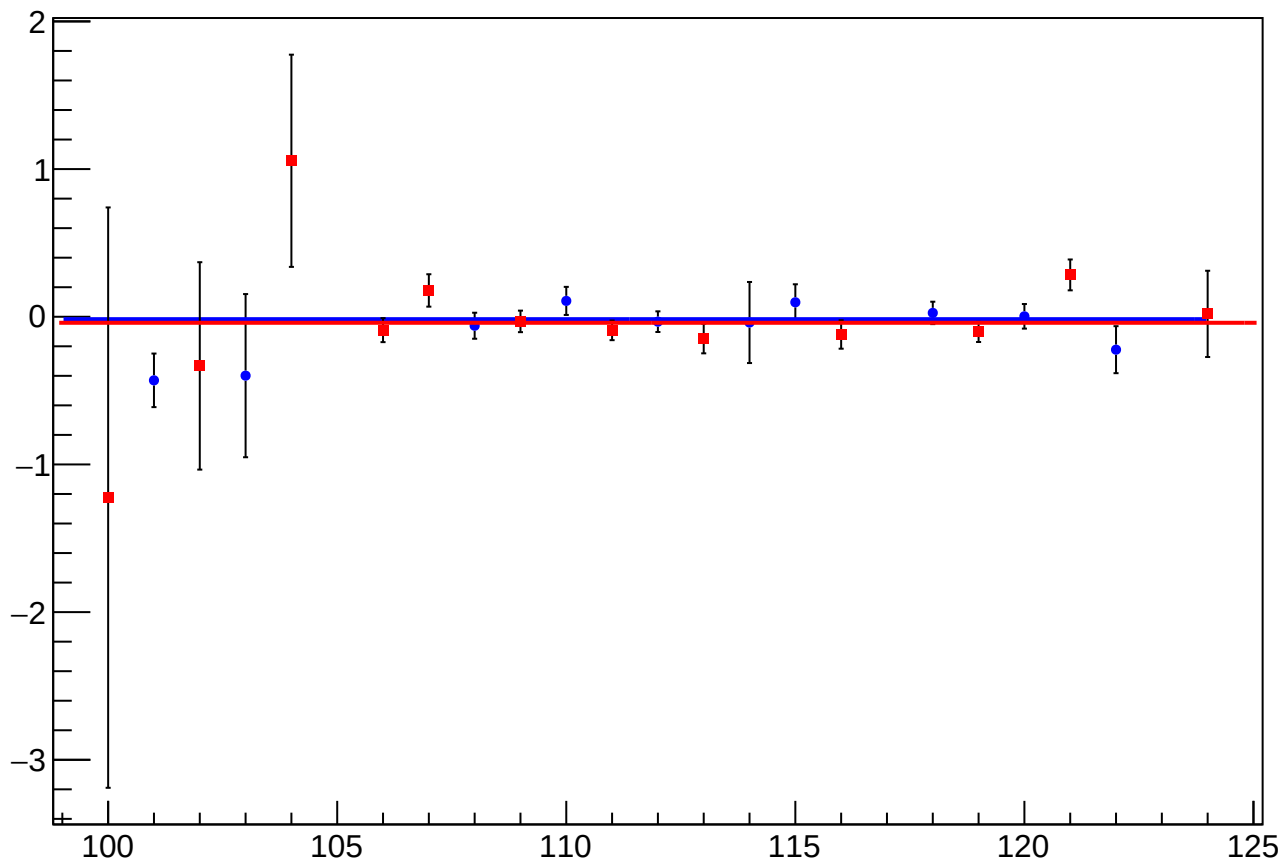
Right: 52.562 $\pm$ 0.015 χ^2 /NDF: 3397641.6/21

In: 55.885 $\pm$ 0.023 χ^2 /NDF:1463343.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.562 $\pm$ 0.015 χ^2 /NDF: 3397641.6/21

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.033 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.041+/-0.029 χ^2/NDF : 20.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

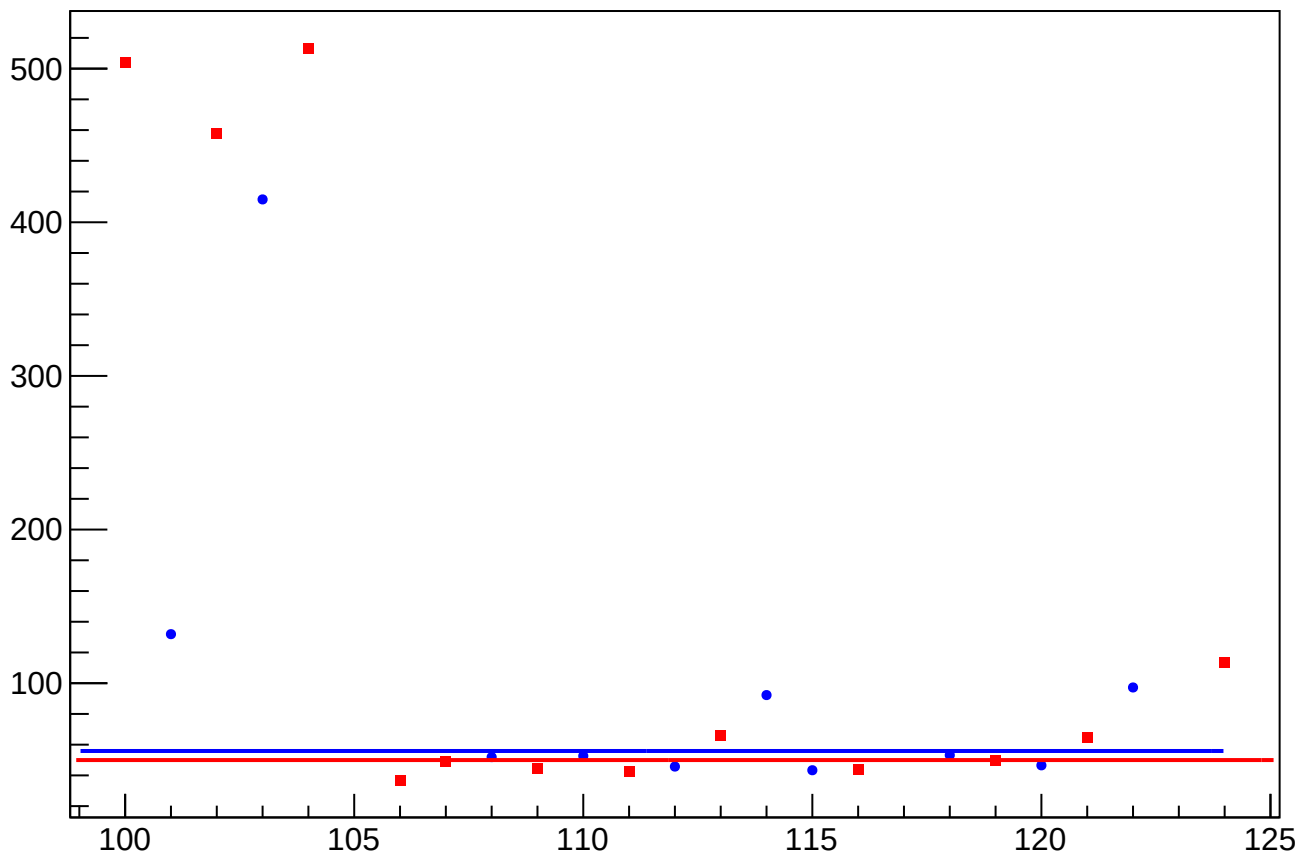
Right: -0.030+/-0.022 χ^2/NDF : 31.1/21

In: -0.016+/-0.033 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.030+/-0.022 χ^2/NDF : 31.1/21

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.885+/-0.023 χ^2/NDF : 1463343.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 49.981+/-0.021 χ^2/NDF : 1898365.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

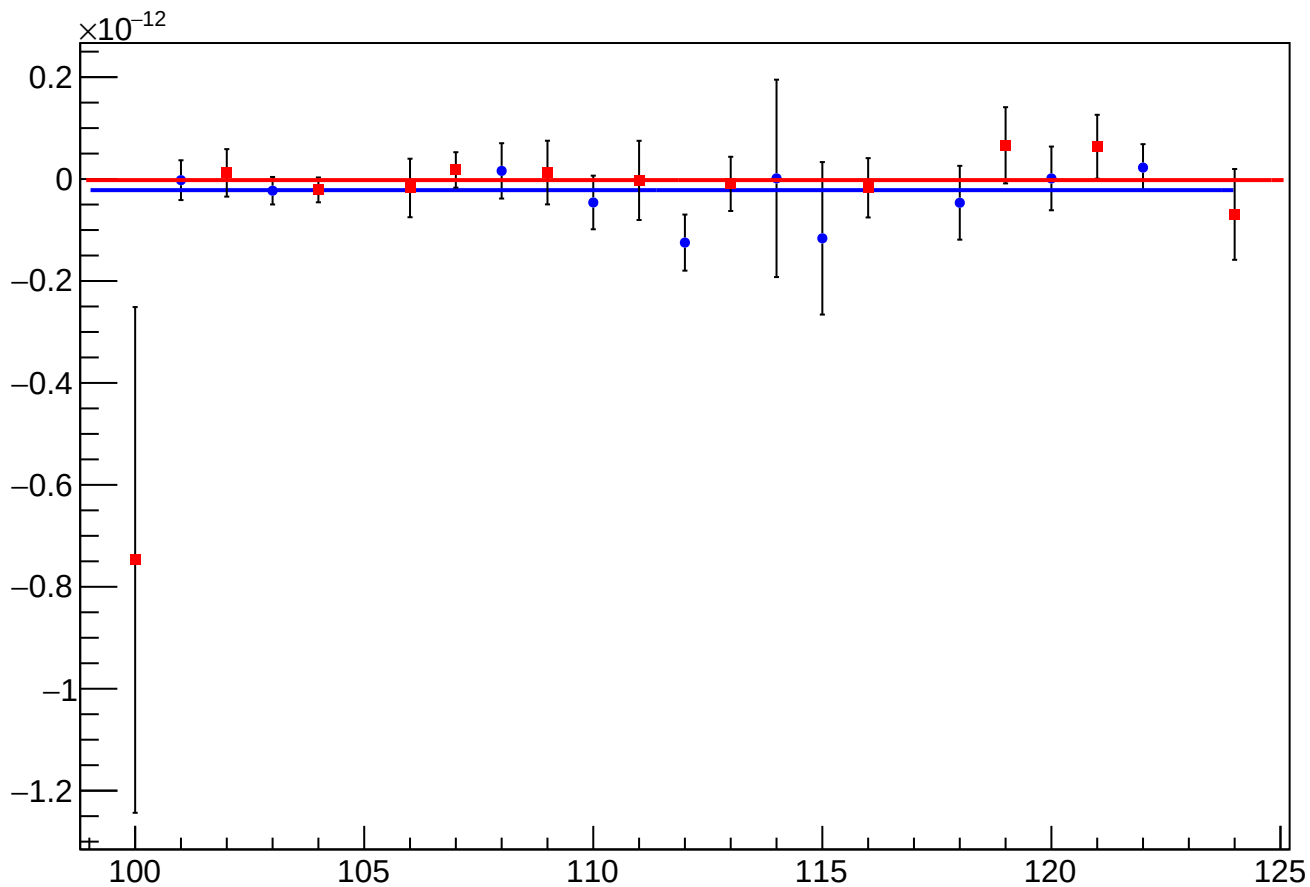
Right: 52.562+/-0.015 χ^2/NDF : 3397641.6/21

In: 55.885+/-0.023 χ^2/NDF :1463343.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.562+/-0.015 χ^2/NDF : 3397641.6/21

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

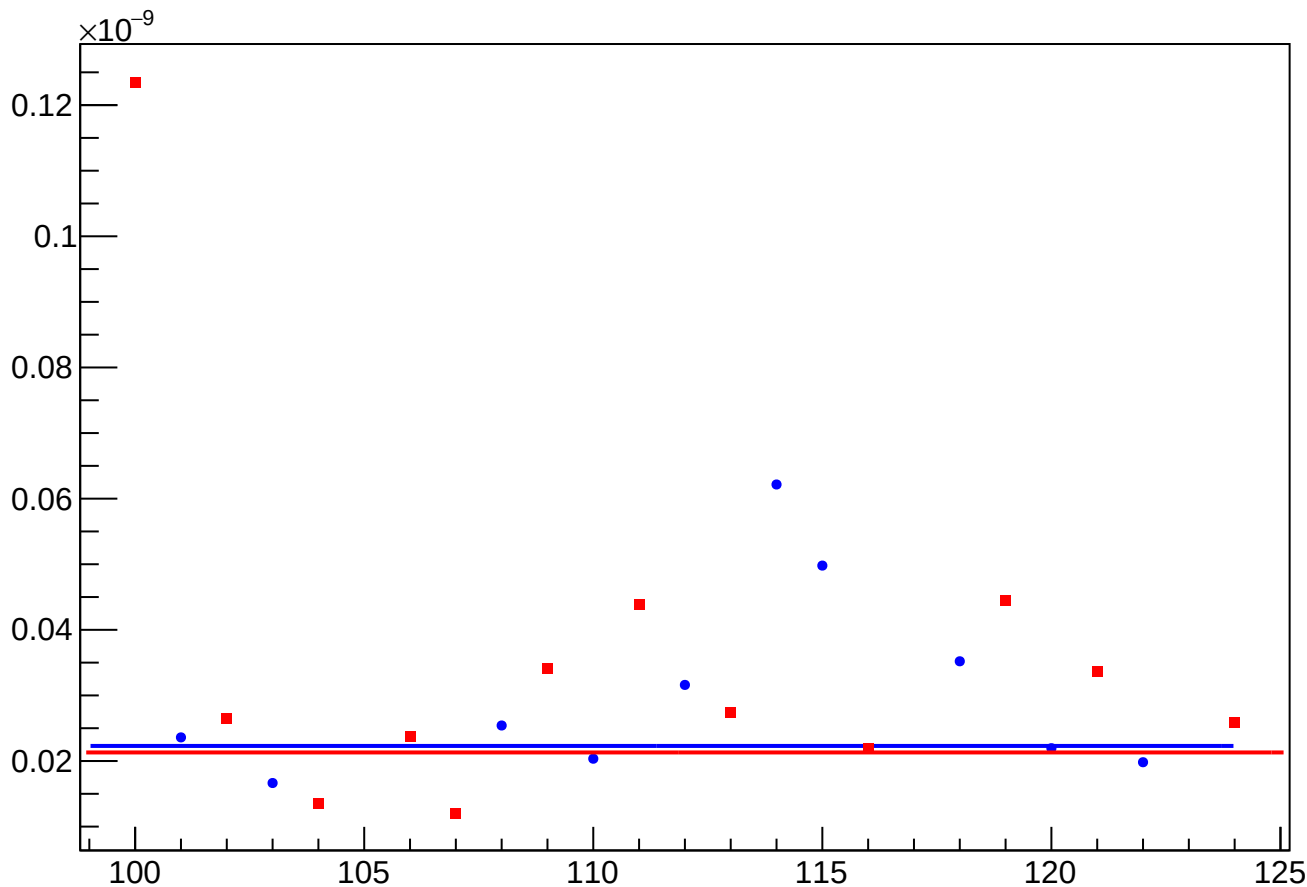
Right: -0.000+/-0.000 χ^2 /NDF: 12.9/21

In: -0.000+/-0.000 χ^2 /NDF:6.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.9/21

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 378225.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1012483.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

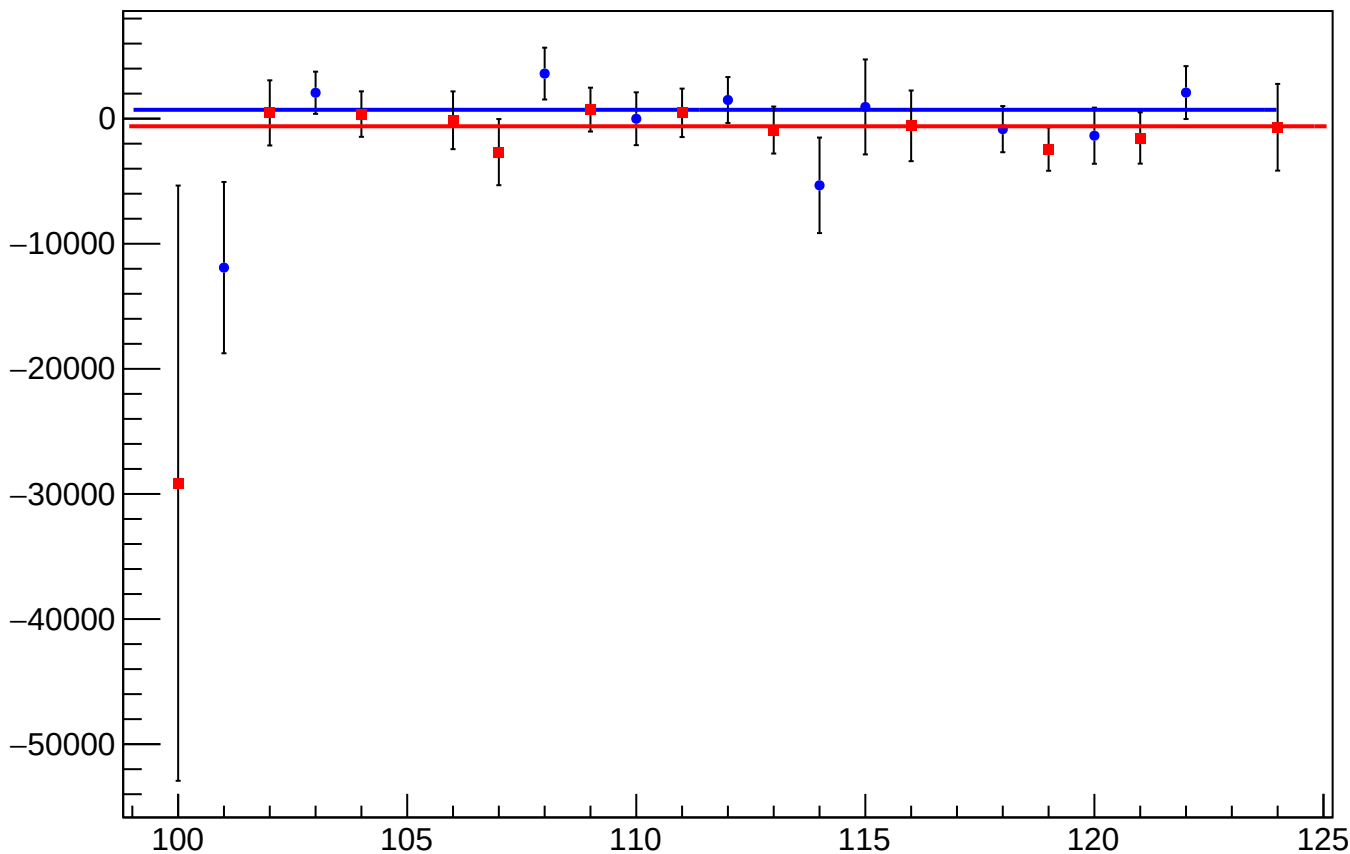
Right: 0.000+/-0.000 χ^2/NDF : 1395095.1/21

In: 0.000+/-0.000 χ^2/NDF : 378225.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1395095.1/21

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 707.669+/-710.222 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -609.253+/-640.637 χ^2/NDF : 4.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

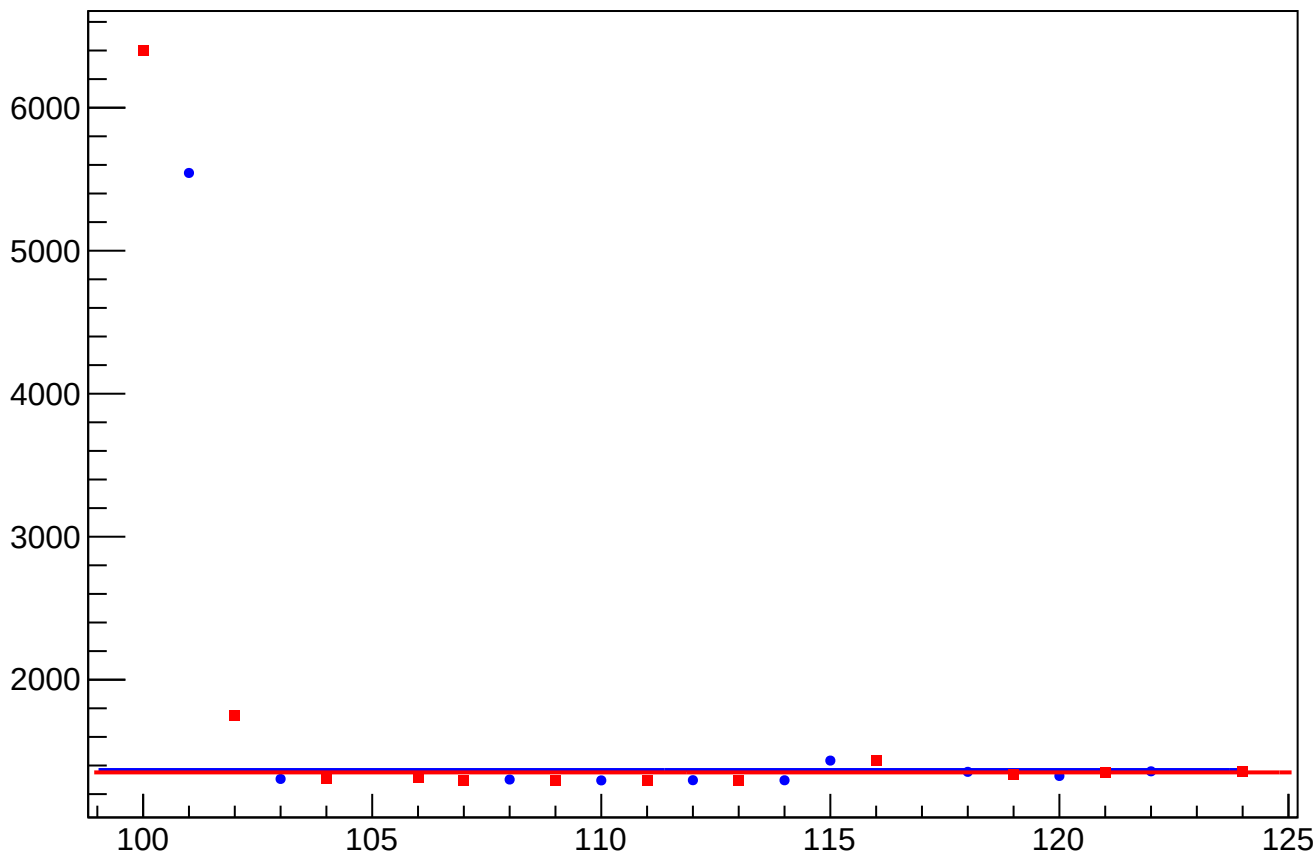
Right: -18.449+/-475.703 χ^2/NDF : 17.4/21

In: 707.669+/-710.222 χ^2/NDF :10.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -18.449+/-475.703 χ^2/NDF : 17.4/21

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1368.403+/-0.502 χ^2/NDF : 756006.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1351.822+/-0.453 χ^2/NDF : 146490.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

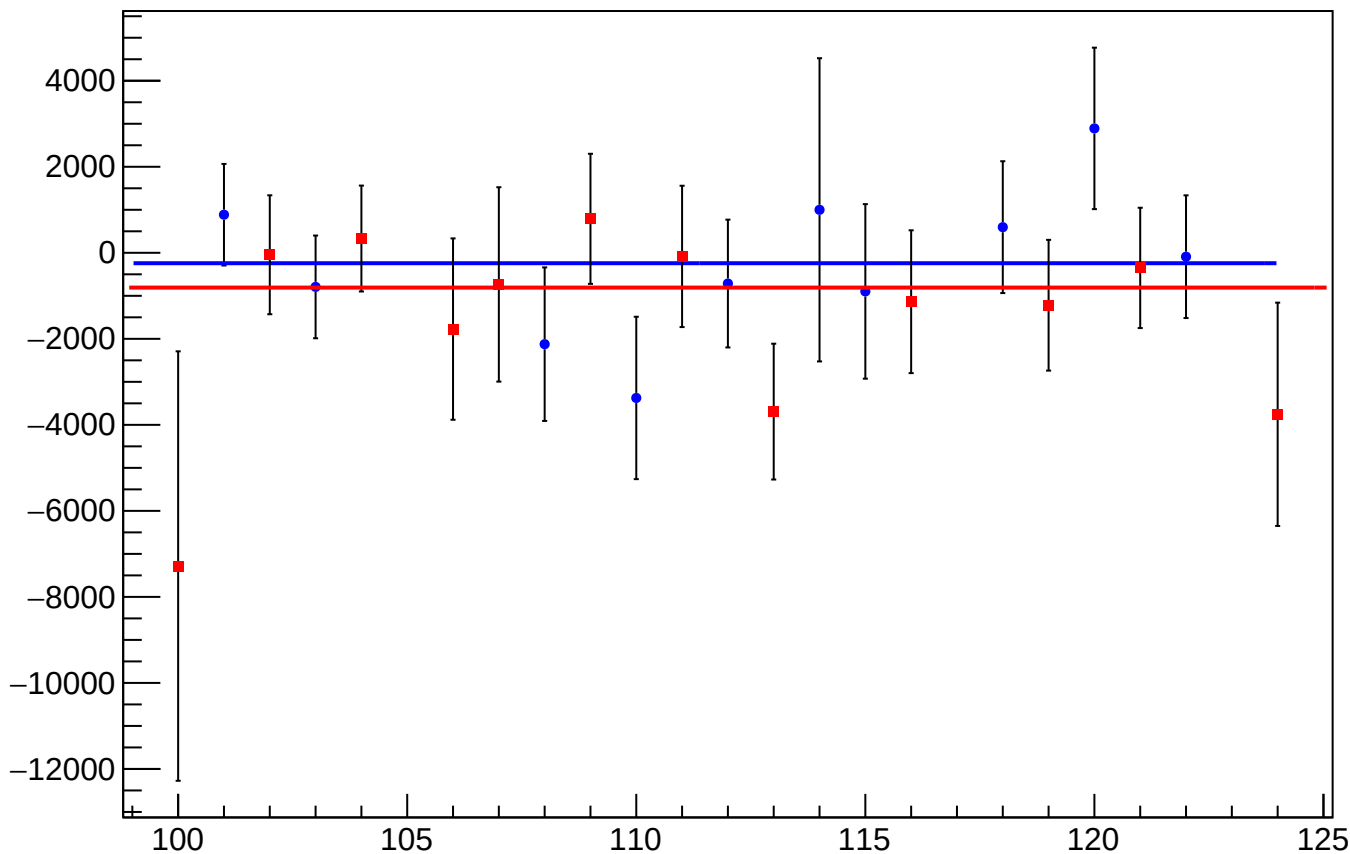
Right: 1359.261+/-0.336 χ^2/NDF : 903098.2/21

In: 1368.403+/-0.502 χ^2/NDF : 756006.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.261+/-0.336 χ^2/NDF : 903098.2/21

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -242.107+/-500.592 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -808.694+/-481.789 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

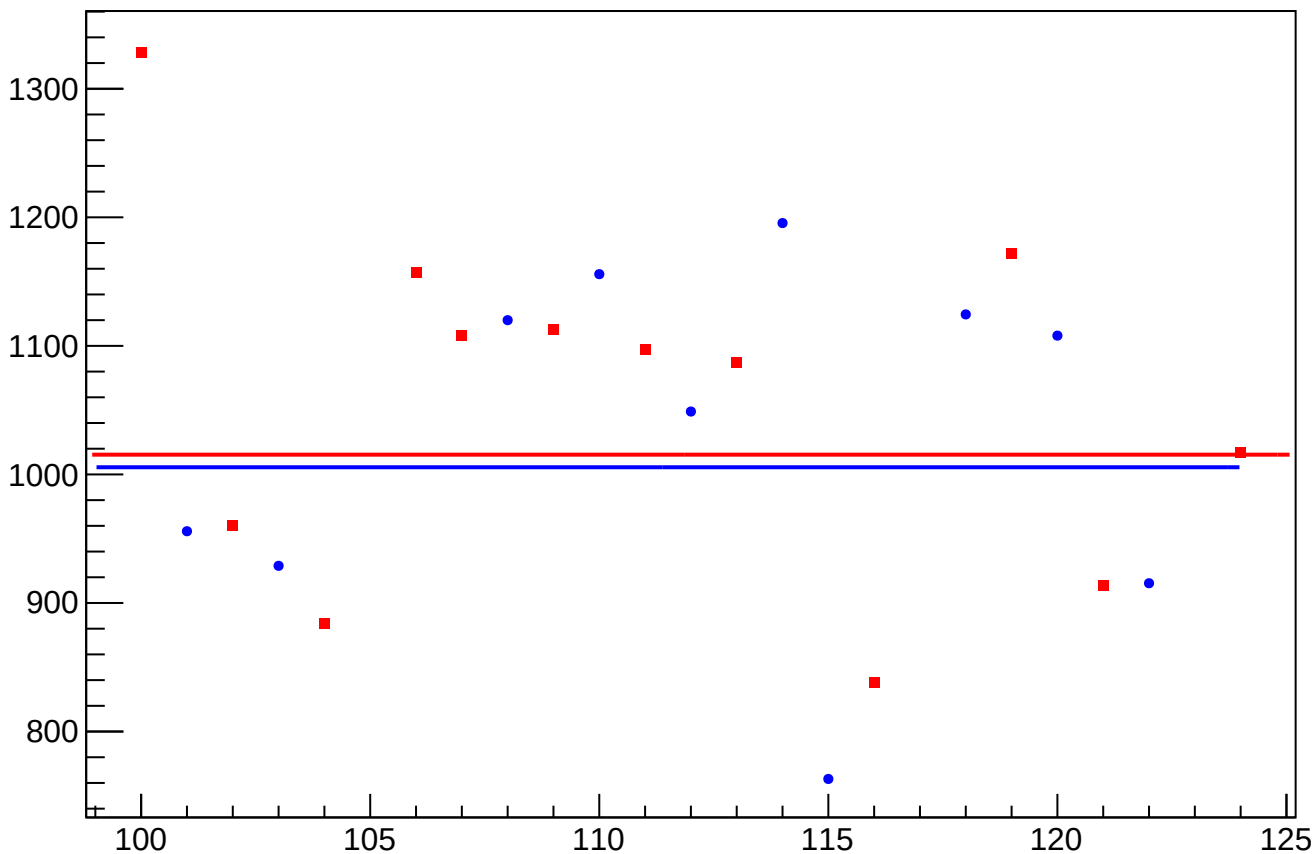
Right: -536.241+/-347.133 χ^2/NDF : 18.3/21

In: -242.107+/-500.592 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -536.241+/-347.133 χ^2/NDF : 18.3/21

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1005.579+/-0.354 χ^2/NDF : 94743.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1015.365+/-0.341 χ^2/NDF : 118355.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

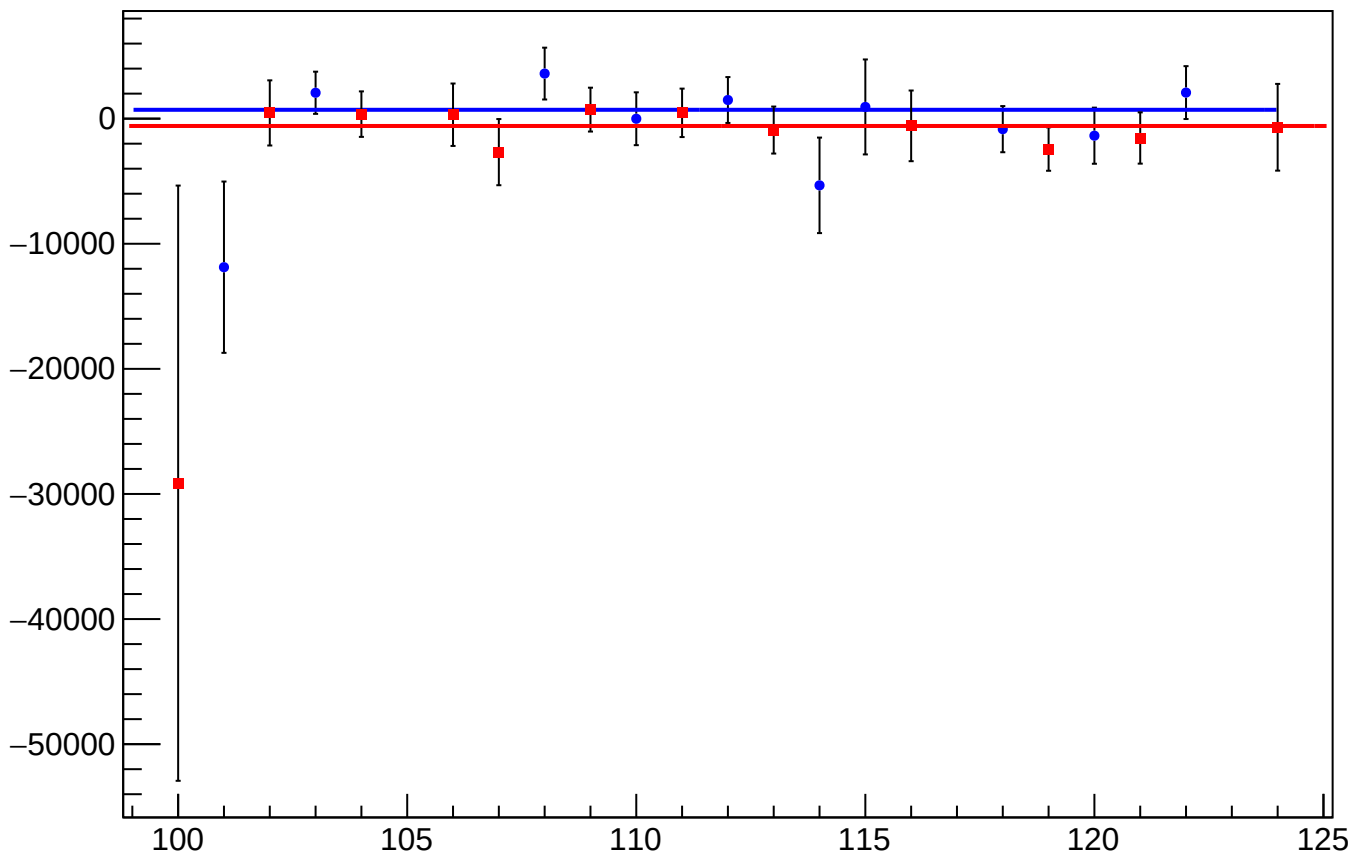
Right: 1010.659+/-0.245 χ^2/NDF : 213495.2/21

In: 1005.579+/-0.354 χ^2/NDF : 94743.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.659+/-0.245 χ^2/NDF : 213495.2/21

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 708.116+/-710.222 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -585.618+/-644.224 χ^2/NDF : 4.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

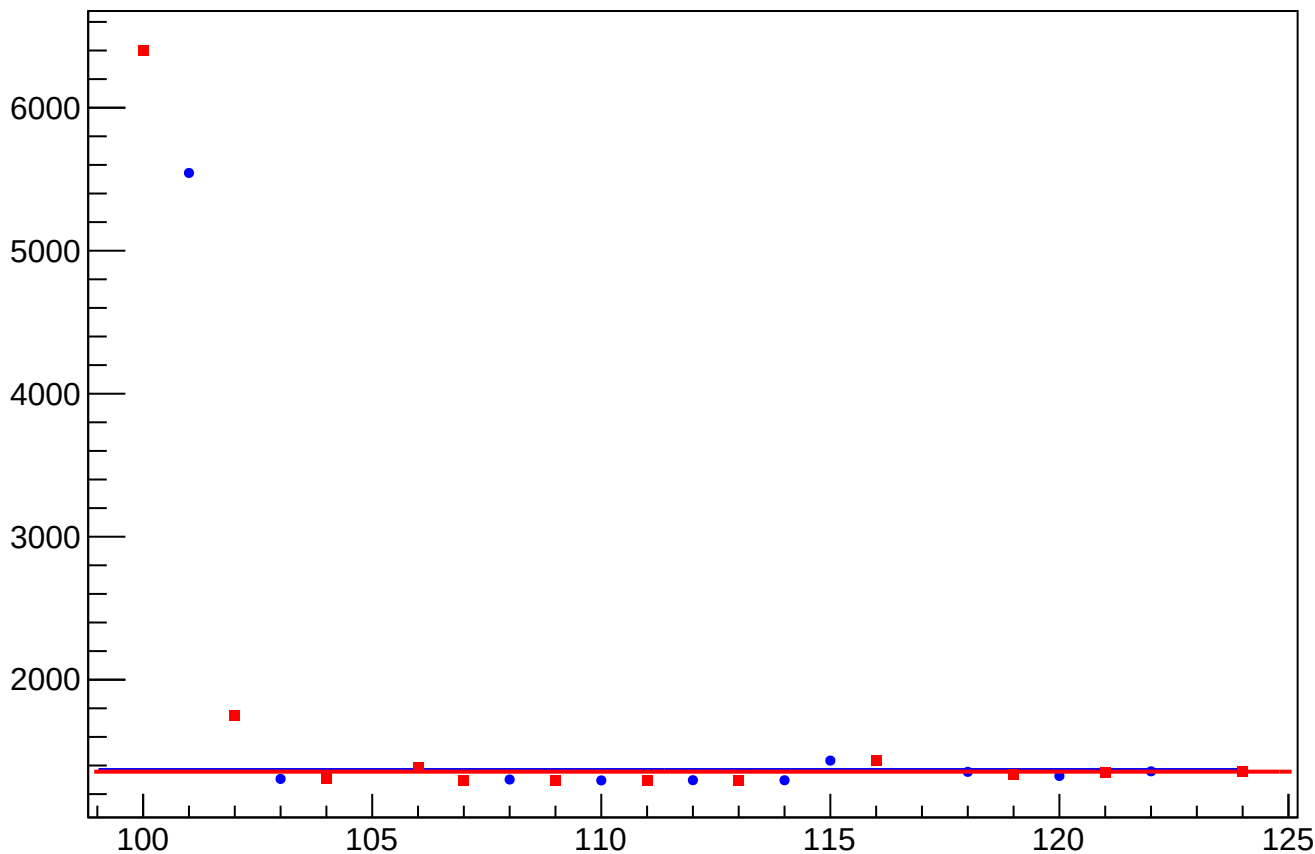
Right: -1.641+/-477.166 χ^2/NDF : 17.4/21

In: 708.116+/-710.222 χ^2/NDF :10.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.641+/-477.166 χ^2/NDF : 17.4/21

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1368.403+/-0.502 χ^2/NDF : 756005.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.959+/-0.456 χ^2/NDF : 146360.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

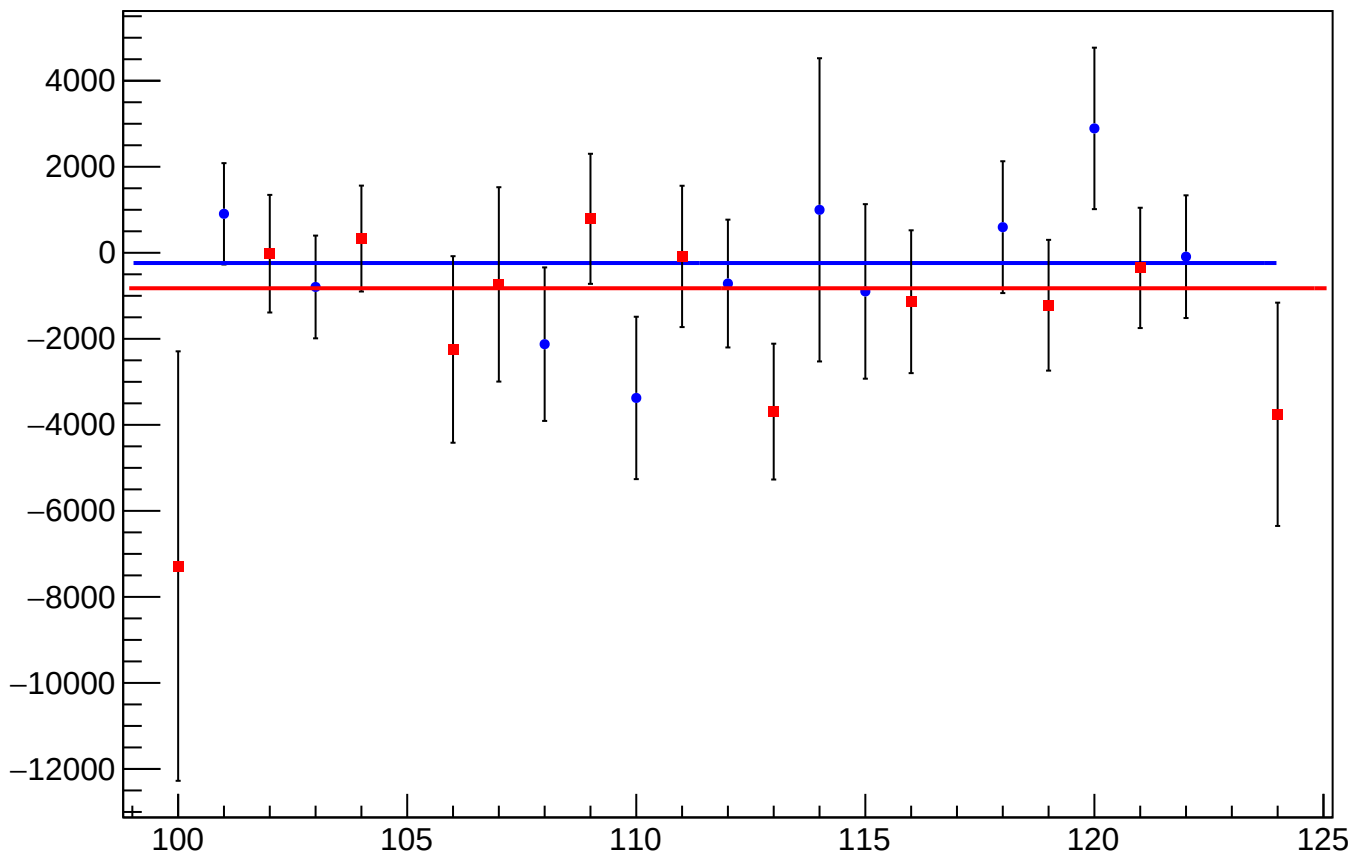
Right: 1362.125+/-0.337 χ^2/NDF : 902650.7/21

In: 1368.403+/-0.502 χ^2/NDF : 756005.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.125+/-0.337 χ^2/NDF : 902650.7/21

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -237.784+/-500.406 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -824.170+/-481.809 χ^2/NDF : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

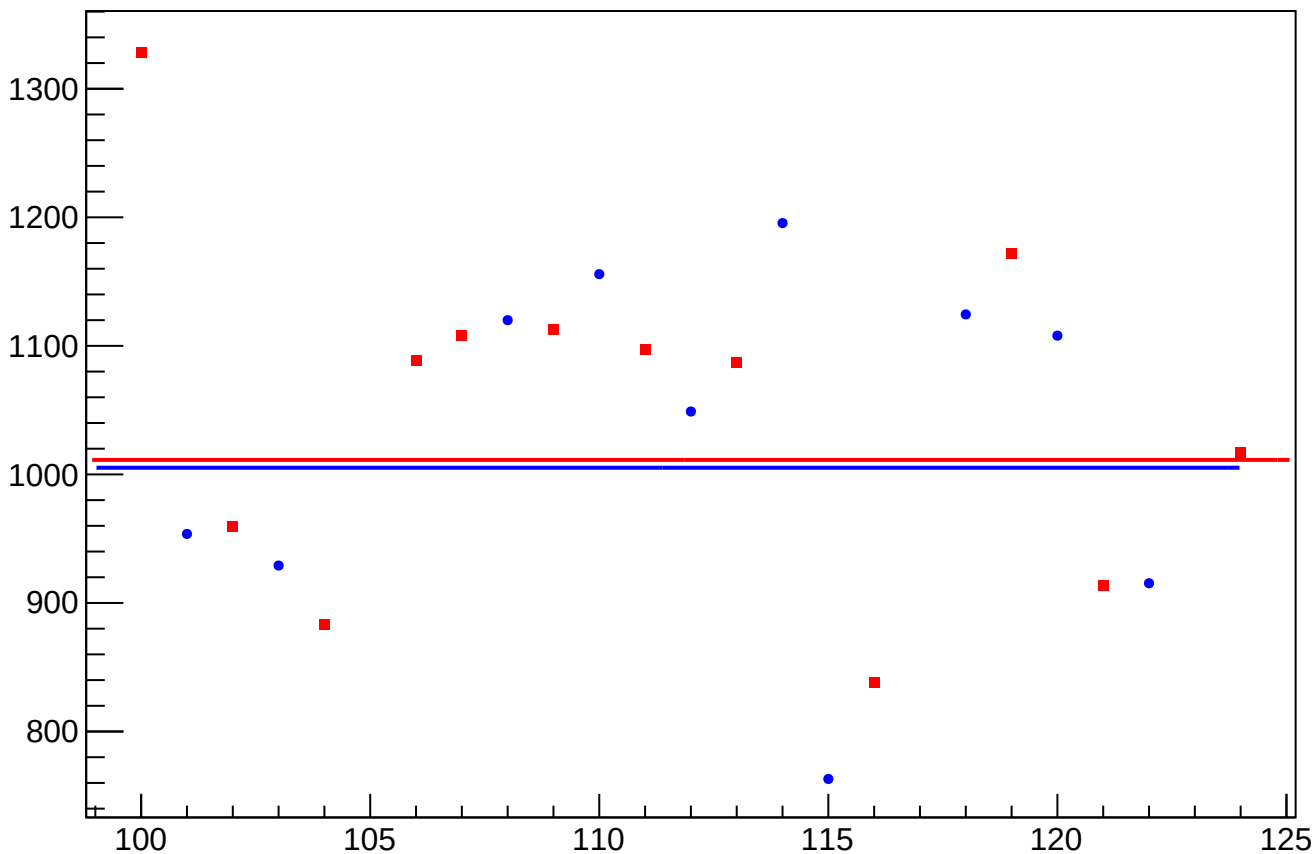
Right: -542.075+/-347.079 χ^2/NDF : 18.6/21

In: -237.784+/-500.406 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -542.075+/-347.079 χ^2/NDF : 18.6/21

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1005.197+/-0.354 χ^2/NDF : 95024.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1011.301+/-0.341 χ^2/NDF : 111651.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

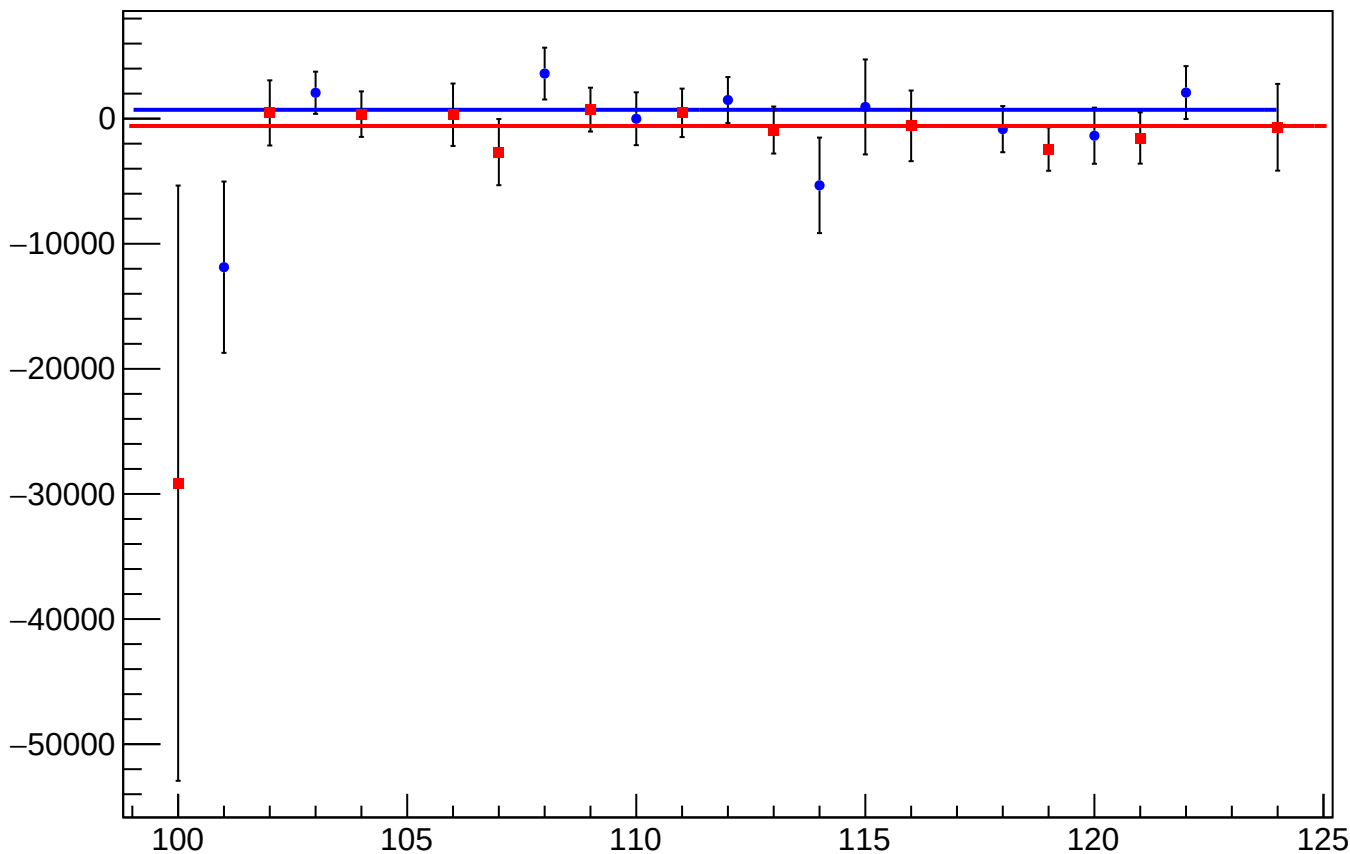
Right: 1008.364+/-0.245 χ^2/NDF : 206829.7/21

In: 1005.197+/-0.354 χ^2/NDF :95024.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1008.364+/-0.245 χ^2/NDF : 206829.7/21

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 708.116+/-710.222 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -585.618+/-644.224 χ^2/NDF : 4.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

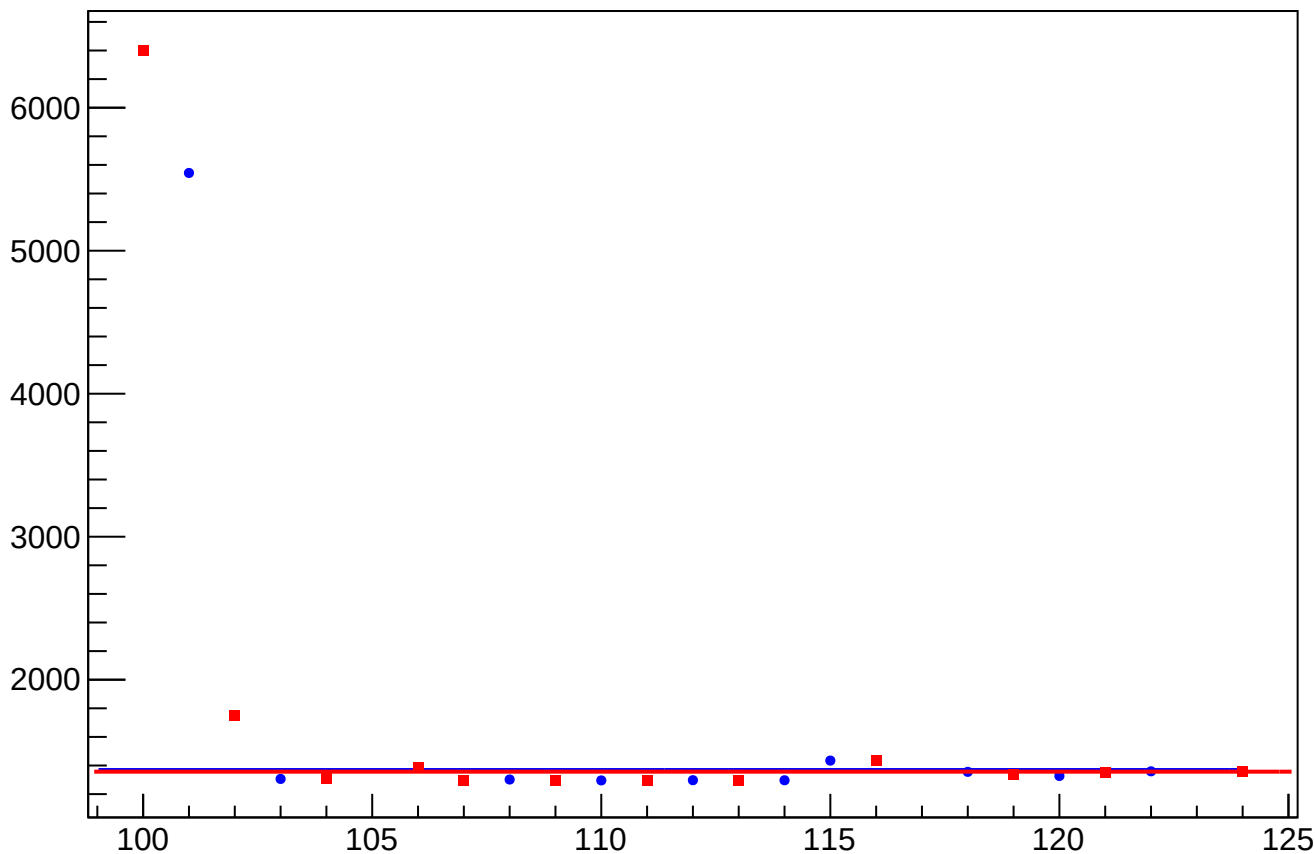
Right: -1.641+/-477.166 χ^2/NDF : 17.4/21

In: 708.116+/-710.222 χ^2/NDF :10.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.641+/-477.166 χ^2/NDF : 17.4/21

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1368.403+/-0.502 χ^2/NDF : 756005.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.959+/-0.456 χ^2/NDF : 146360.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

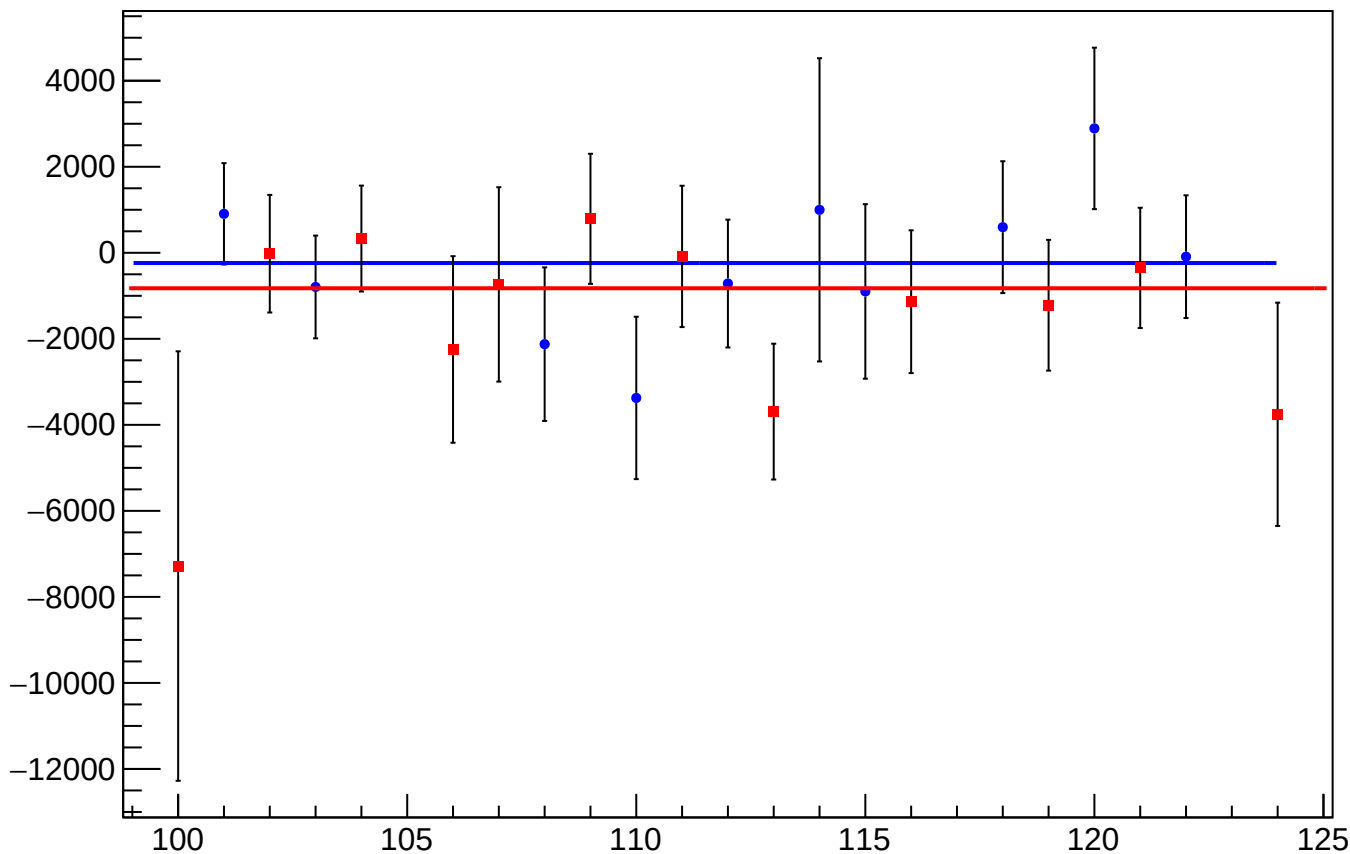
Right: 1362.125+/-0.337 χ^2/NDF : 902650.7/21

In: 1368.403+/-0.502 χ^2/NDF : 756005.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.125+/-0.337 χ^2/NDF : 902650.7/21

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -237.784 ± 500.406 χ^2/NDF : 8.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -824.170 ± 481.809 χ^2/NDF : 9.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

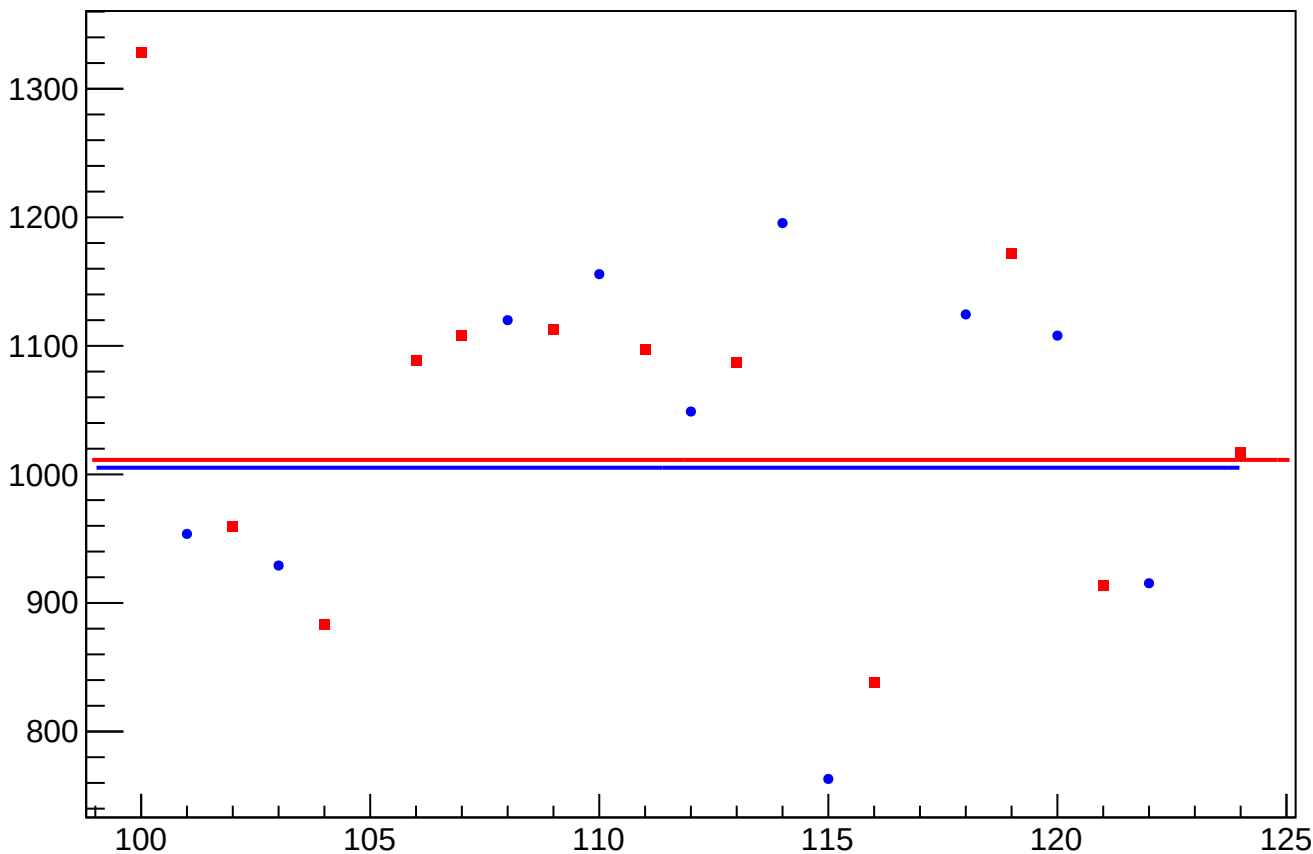
Right: -542.075 ± 347.079 χ^2/NDF : 18.6/21

In: -237.784 ± 500.406 χ^2/NDF : 8.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -542.075 ± 347.079 χ^2/NDF : 18.6/21

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1005.197+/-0.354 χ^2/NDF : 95024.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1011.301+/-0.341 χ^2/NDF : 111651.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

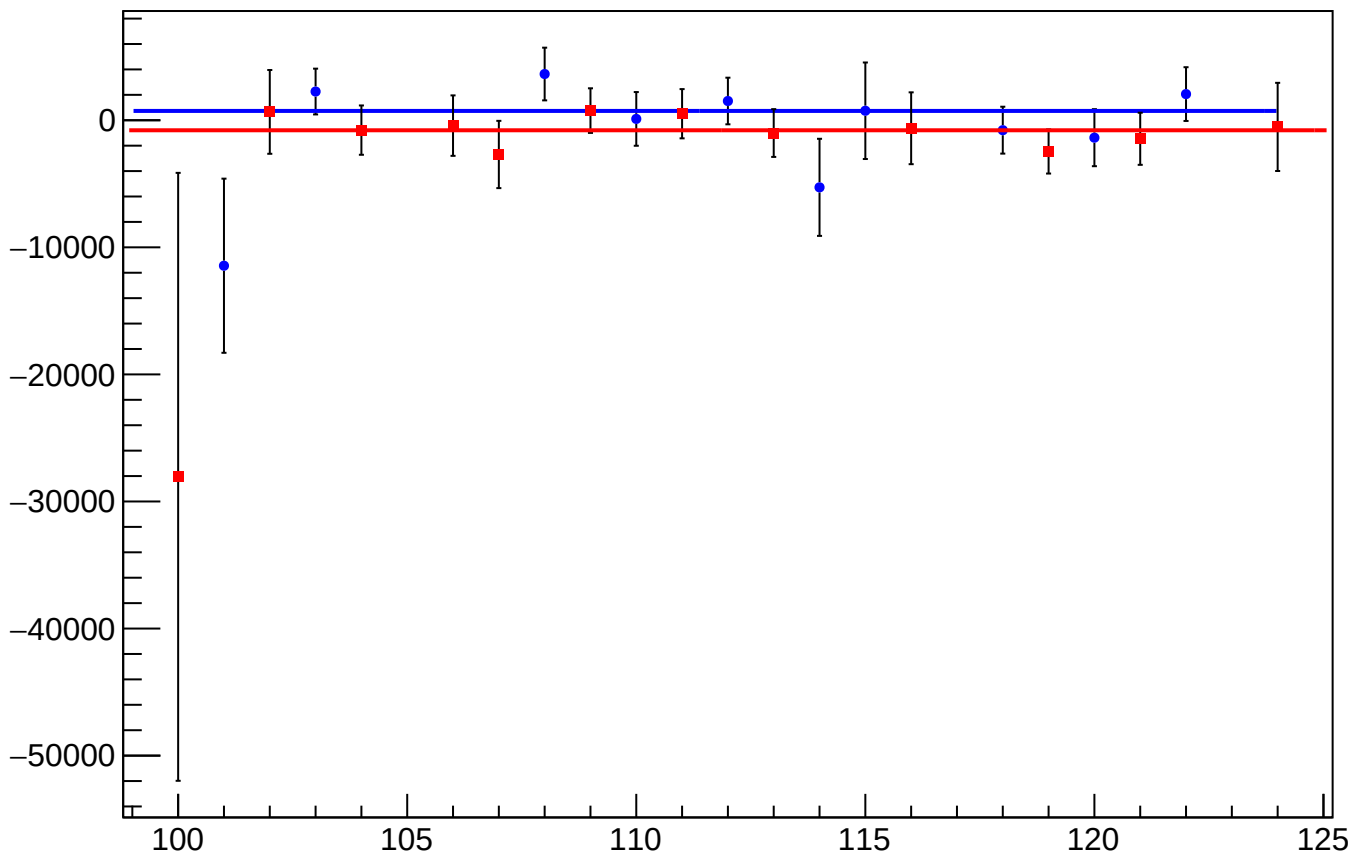
Right: 1008.364+/-0.245 χ^2/NDF : 206829.7/21

In: 1005.197+/-0.354 χ^2/NDF : 95024.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.364+/-0.245 χ^2/NDF : 206829.7/21

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 733.901+/-718.530 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -788.913+/-654.999 χ^2/NDF : 4.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

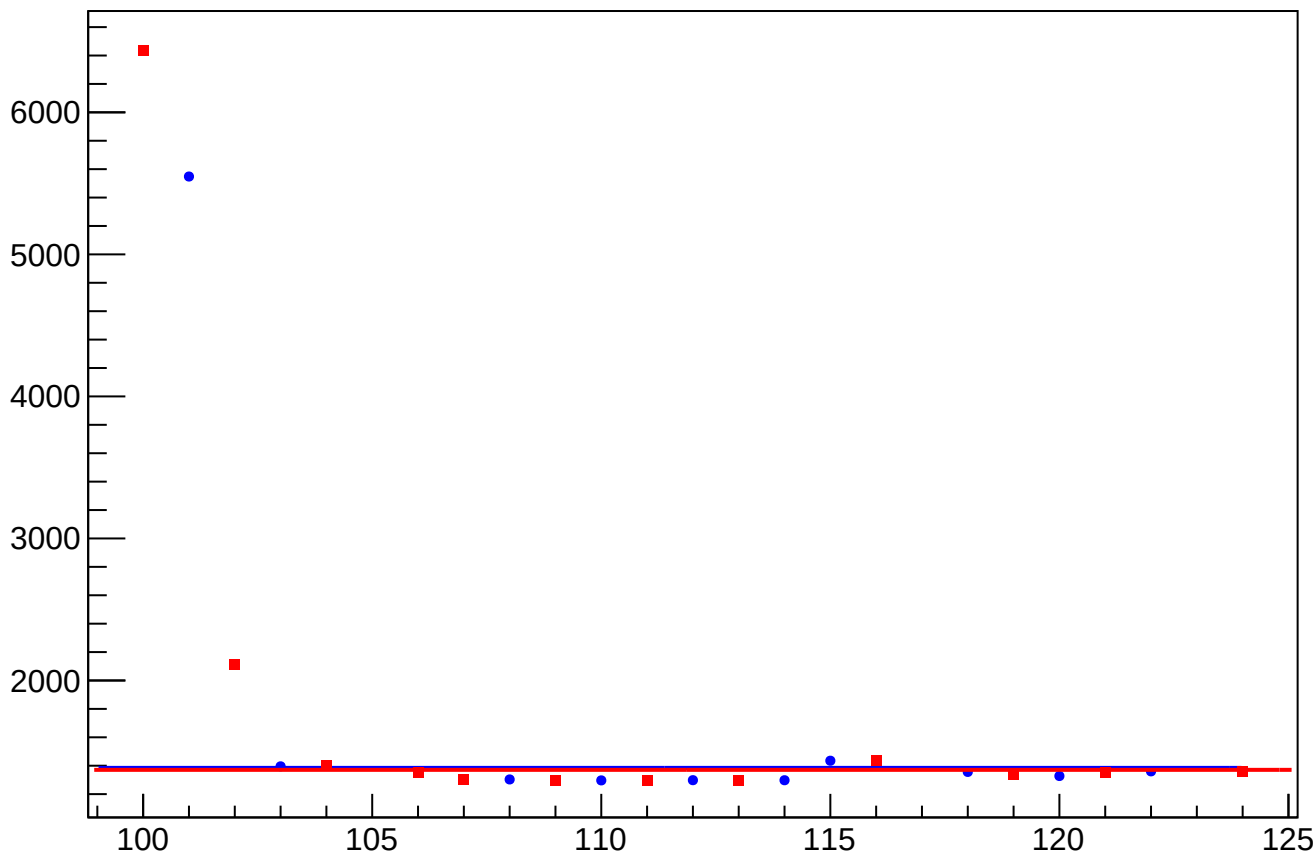
Right: -97.792+/-484.059 χ^2/NDF : 17.3/21

In: 733.901+/-718.530 χ^2/NDF :10.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -97.792+/-484.059 χ^2/NDF : 17.3/21

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1384.727+/-0.508 χ^2/NDF : 752831.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.857+/-0.463 χ^2/NDF : 203476.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

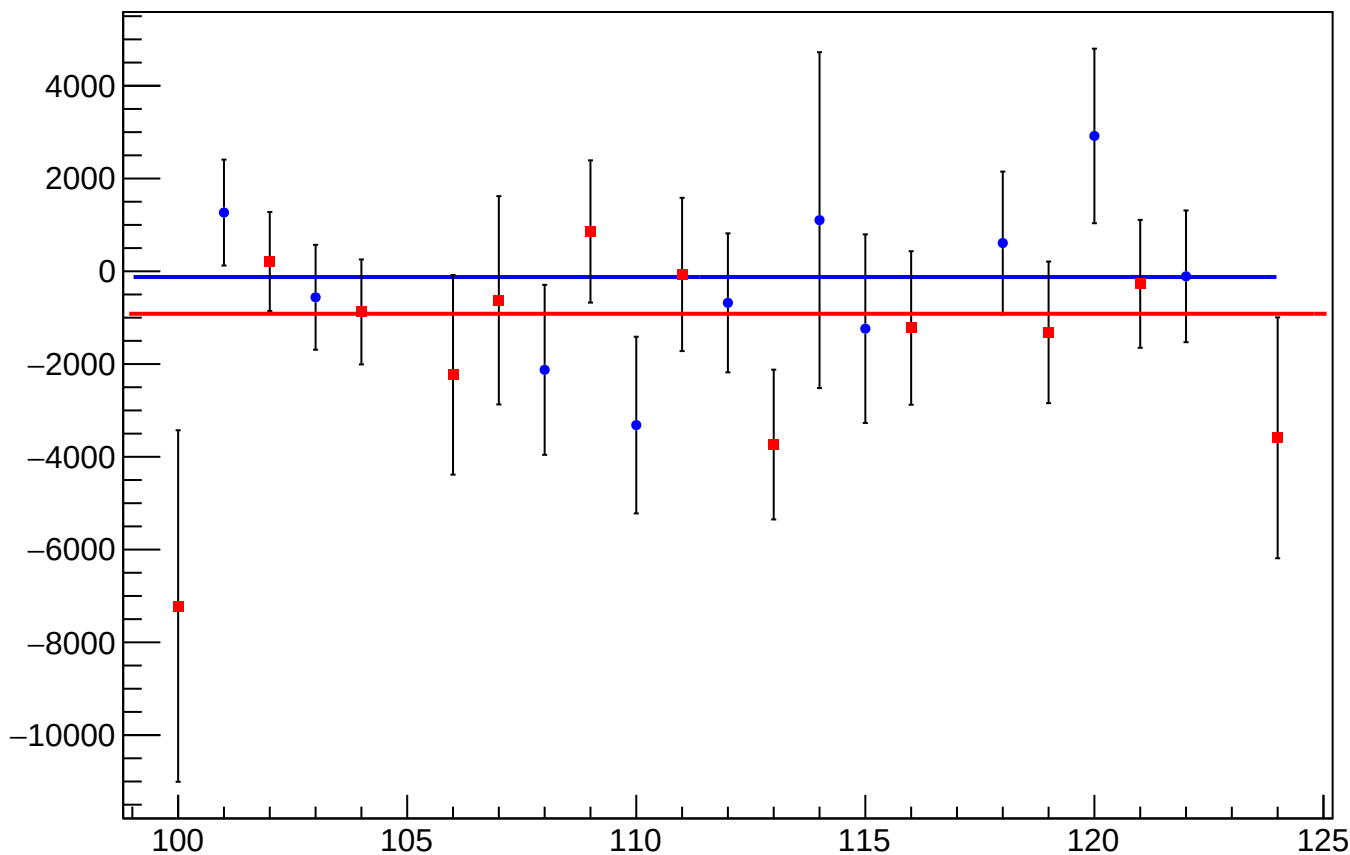
Right: 1377.152+/-0.342 χ^2/NDF : 956715.0/21

In: 1384.727+/-0.508 χ^2/NDF : 752831.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.152+/-0.342 χ^2/NDF : 956715.0/21

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -123.359 ± 494.716 χ^2/NDF : 9.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -915.655 ± 457.039 χ^2/NDF : 10.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

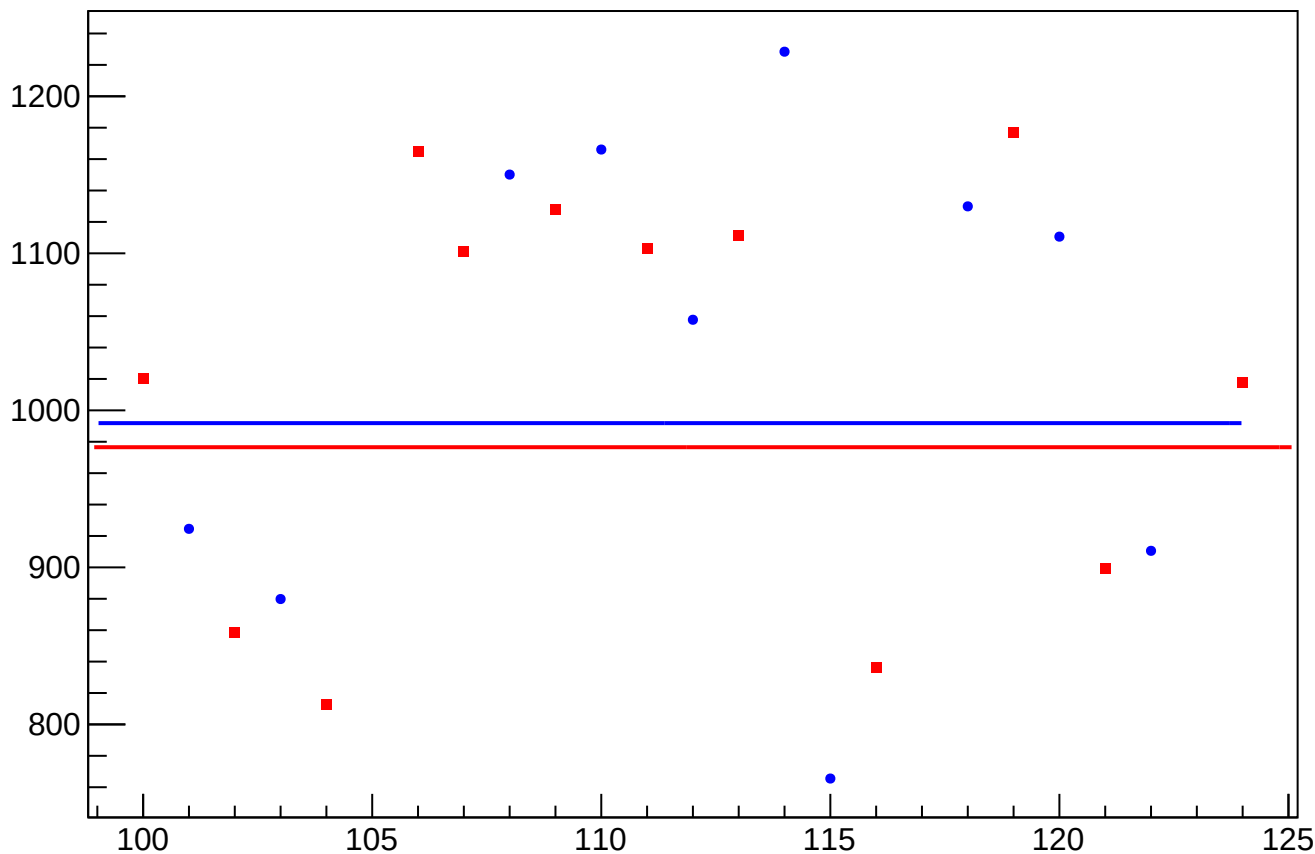
Right: -550.822 ± 335.706 χ^2/NDF : 20.7/21

In: -123.359 ± 494.716 χ^2/NDF : 9.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -550.822 ± 335.706 χ^2/NDF : 20.7/21

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 991.862+/-0.350 χ^2/NDF : 126012.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.528+/-0.323 χ^2/NDF : 188803.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

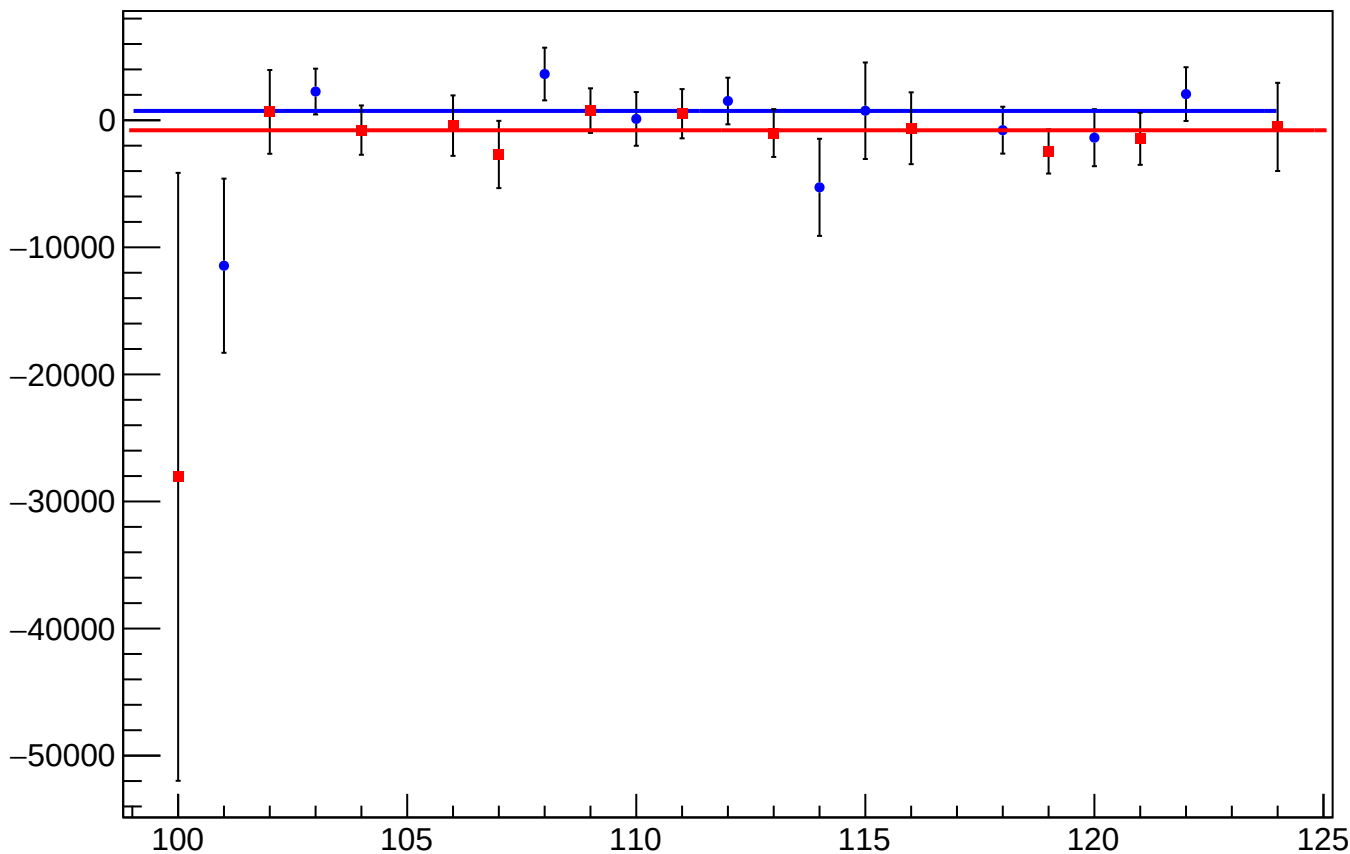
Right: 983.589+/-0.237 χ^2/NDF : 315852.3/21

In: 991.862+/-0.350 χ^2/NDF : 126012.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.589+/-0.237 χ^2/NDF : 315852.3/21

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 733.900+/-718.530 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -788.909+/-654.999 χ^2/NDF : 4.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

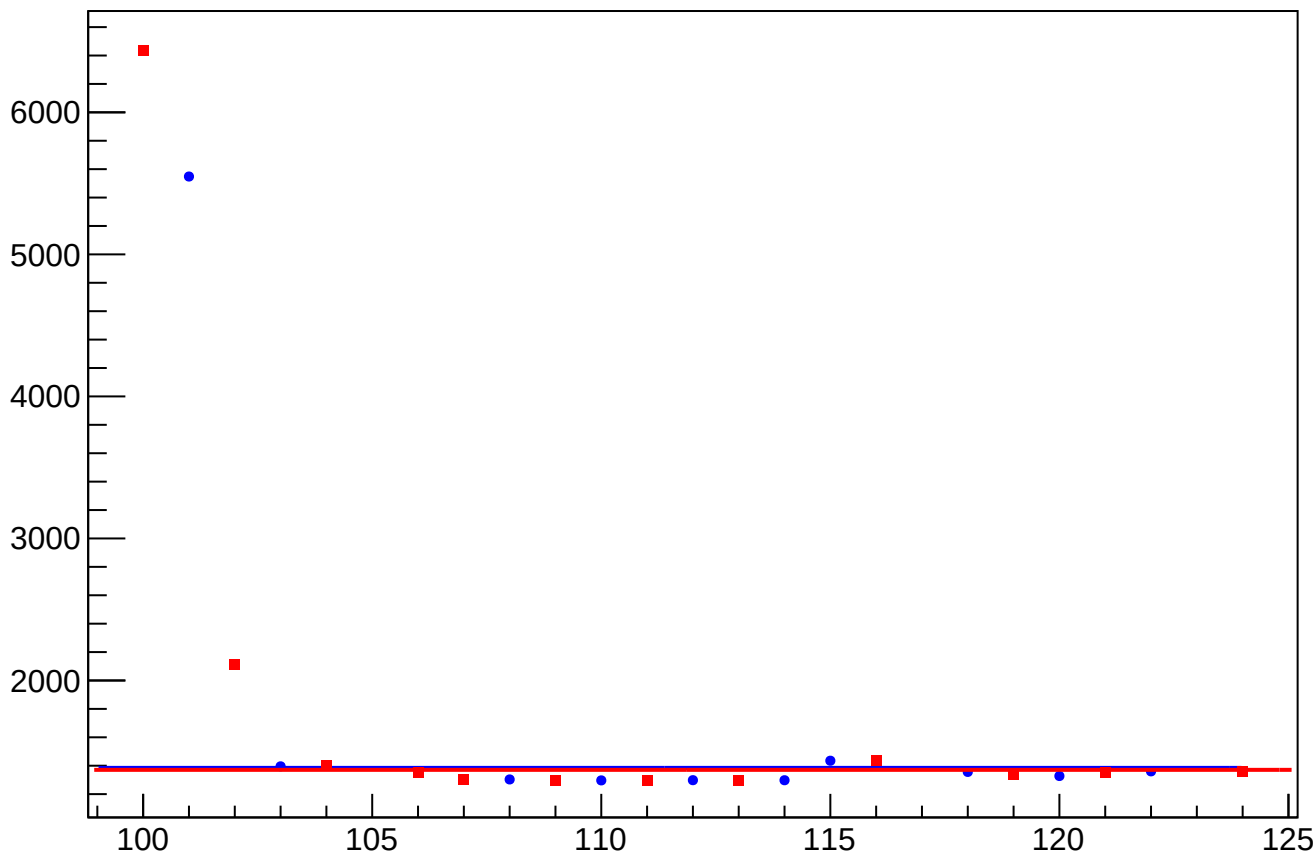
Right: -97.790+/-484.059 χ^2/NDF : 17.3/21

In: 733.900+/-718.530 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.790+/-484.059 χ^2/NDF : 17.3/21

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1384.727+/-0.508 χ^2/NDF : 752831.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.857+/-0.463 χ^2/NDF : 203476.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

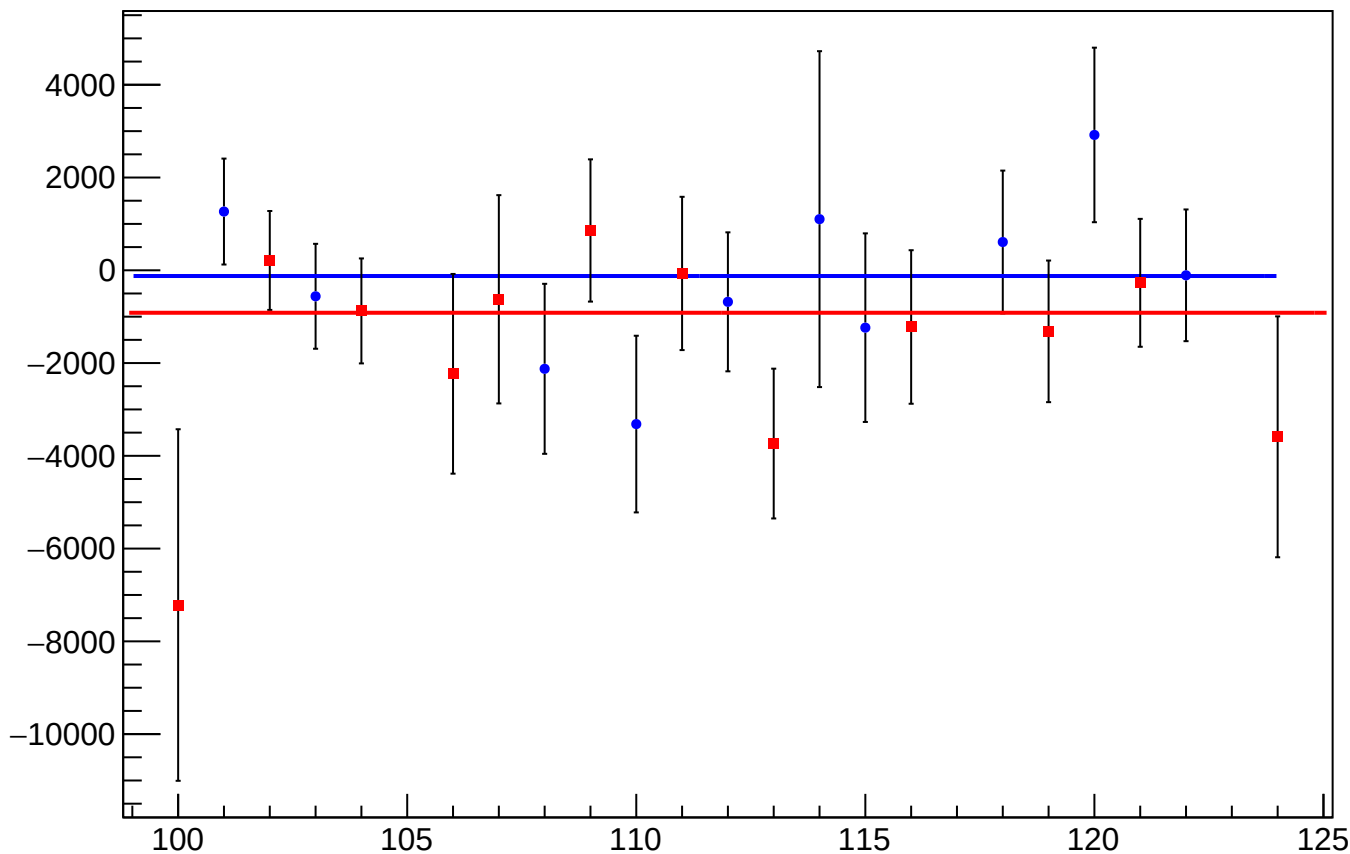
Right: 1377.152+/-0.342 χ^2/NDF : 956715.0/21

In: 1384.727+/-0.508 χ^2/NDF : 752831.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.152+/-0.342 χ^2/NDF : 956715.0/21

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -123.358+/-494.715 χ^2/NDF : 9.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -915.655+/-457.039 χ^2/NDF : 10.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

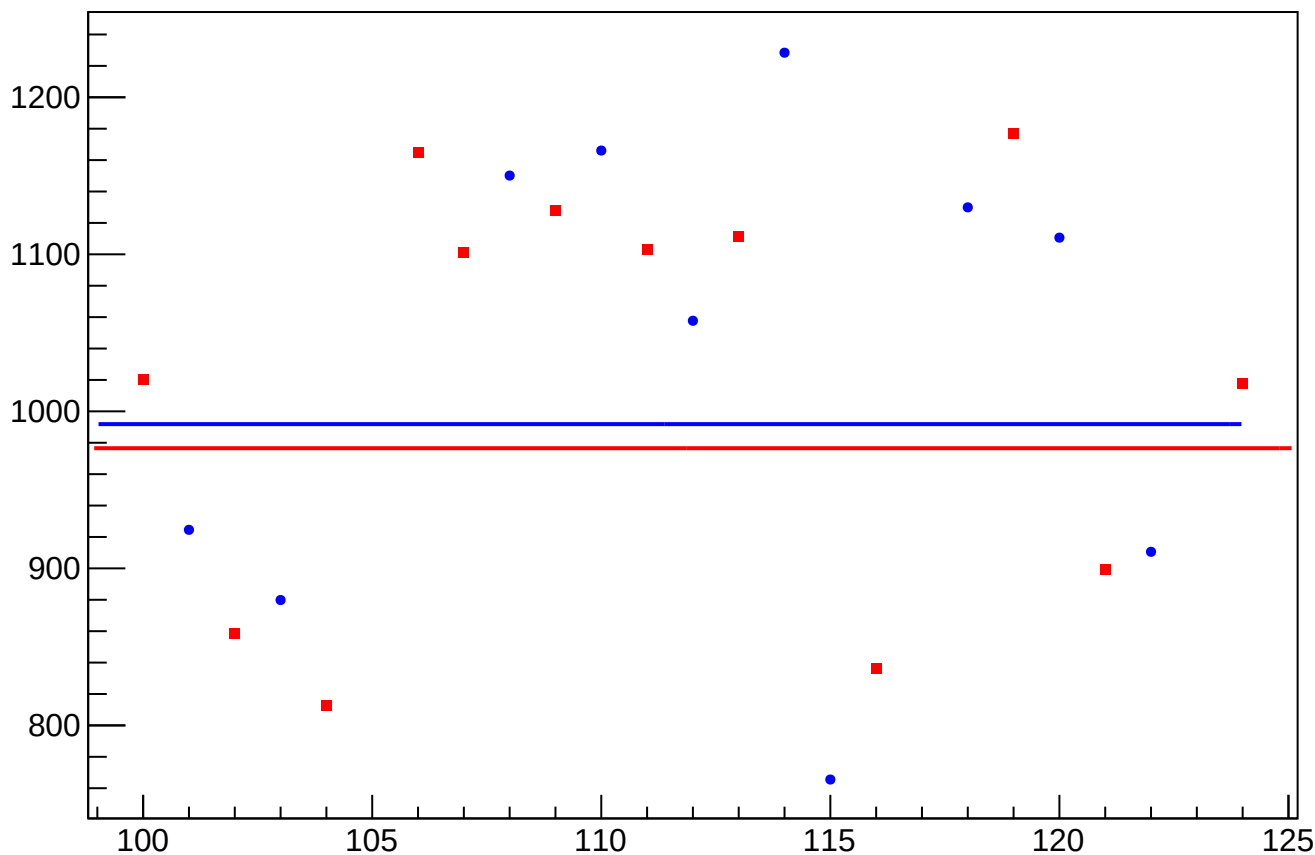
Right: -550.821+/-335.706 χ^2/NDF : 20.7/21

In: -123.358+/-494.715 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -550.821+/-335.706 χ^2/NDF : 20.7/21

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 991.860+/-0.350 χ^2/NDF : 126009.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.528+/-0.323 χ^2/NDF : 188799.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

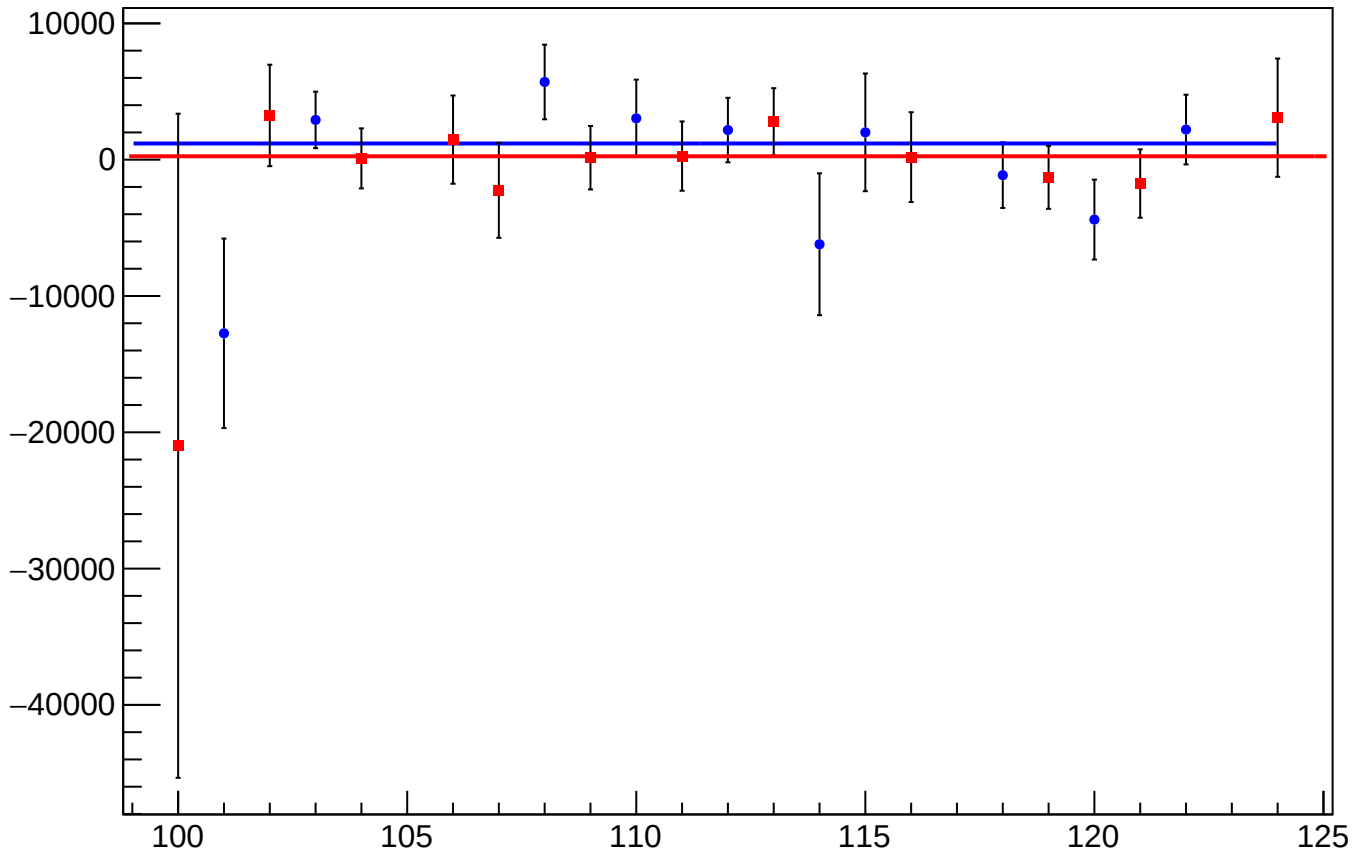
Right: 983.588+/-0.237 χ^2/NDF : 315845.3/21

In: 991.860+/-0.350 χ^2/NDF : 126009.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.588+/-0.237 χ^2/NDF : 315845.3/21

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1187.641 $\pm$ 904.485 χ^2 /NDF: 14.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 249.805 $\pm$ 829.532 χ^2 /NDF: 4.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

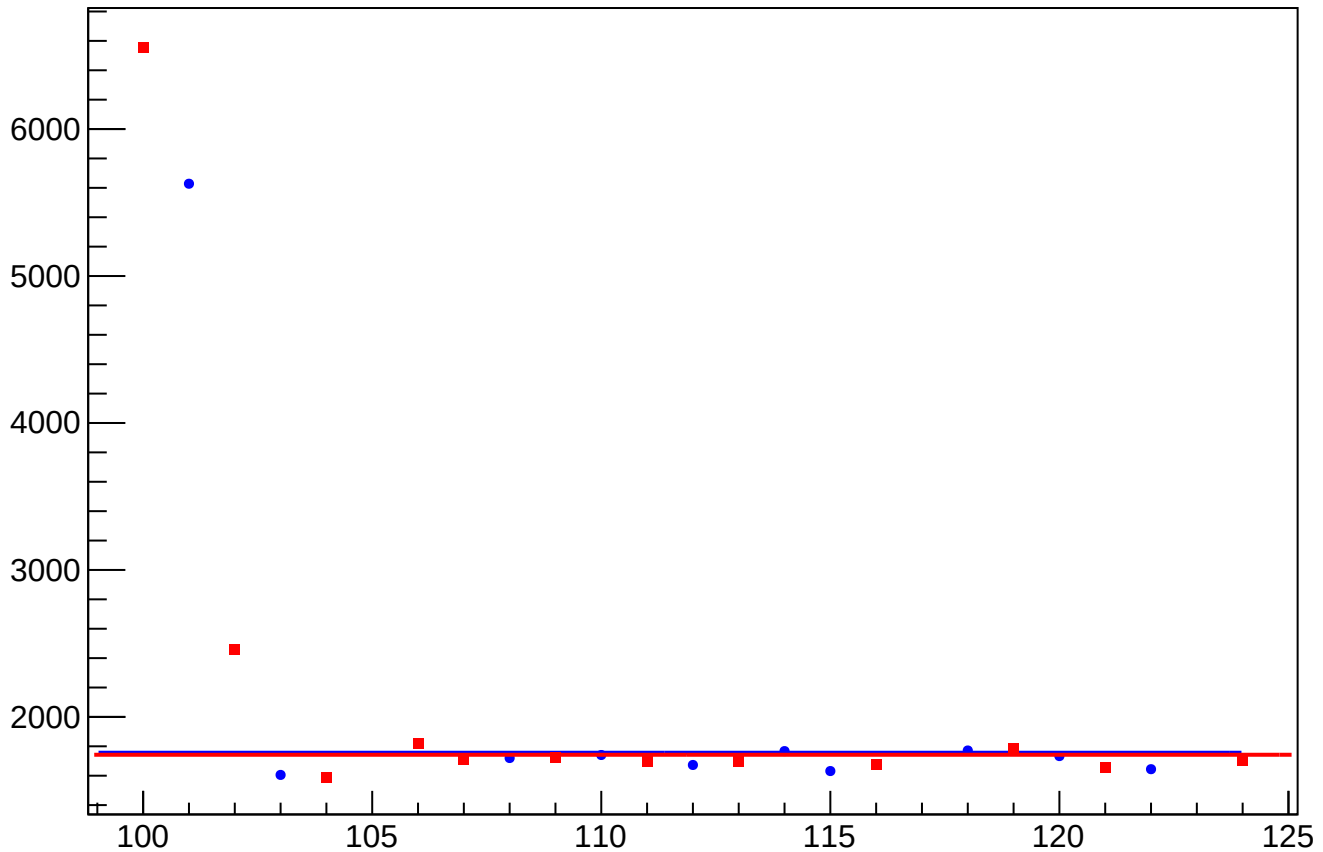
Right: 678.261 $\pm$ 611.351 χ^2 /NDF: 20.0/21

In: 1187.641 $\pm$ 904.485 χ^2 /NDF:14.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 678.261 $\pm$ 611.351 χ^2 /NDF: 20.0/21

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1756.218+/-0.640 χ^2/NDF : 639800.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1742.475+/-0.587 χ^2/NDF : 168624.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

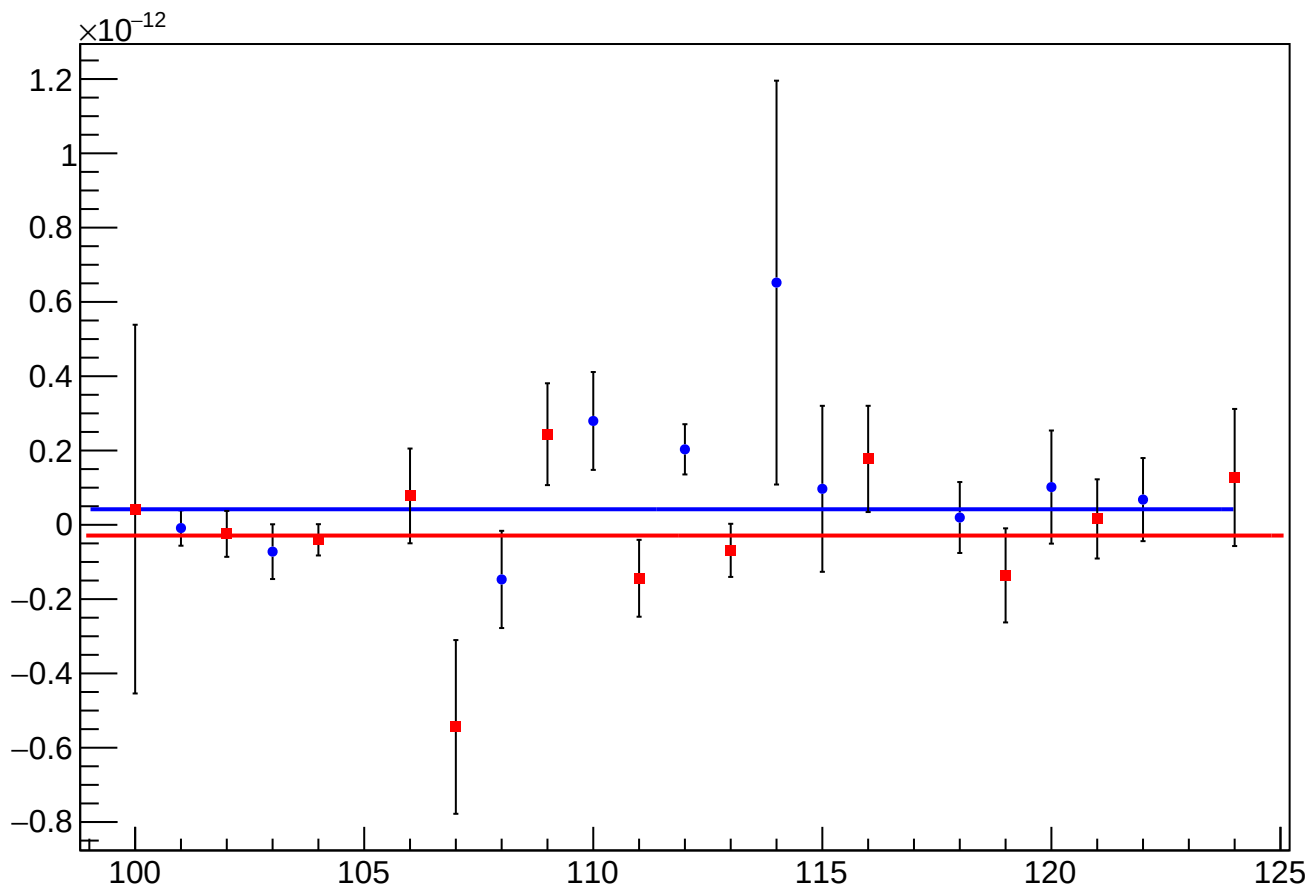
Right: 1748.754+/-0.432 χ^2/NDF : 808675.1/21

In: 1756.218+/-0.640 χ^2/NDF : 639800.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1748.754+/-0.432 χ^2/NDF : 808675.1/21

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

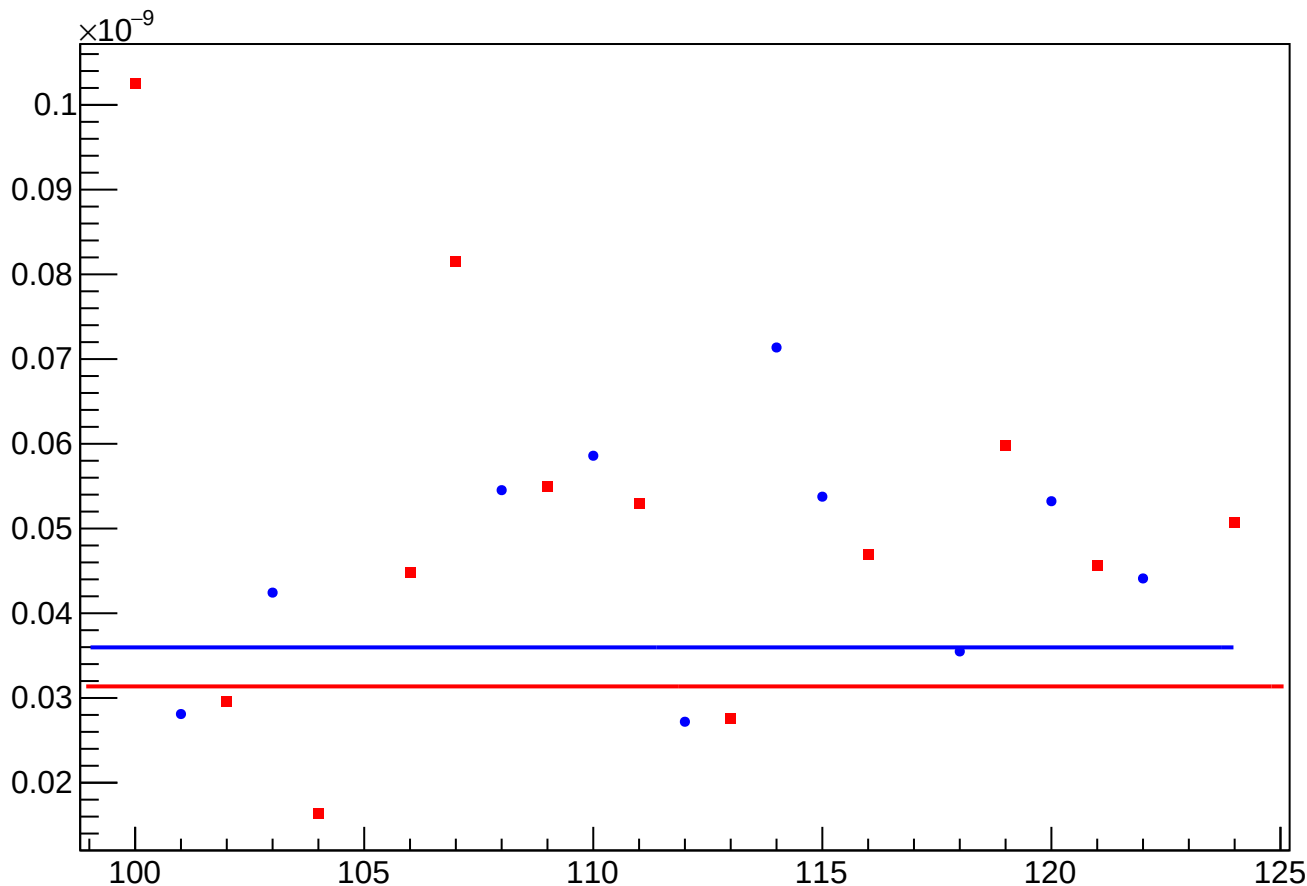
Right: 0.000+/-0.000 χ^2/NDF : 34.3/21

In: 0.000+/-0.000 χ^2/NDF : 16.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.3/21

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 260436.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 745791.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

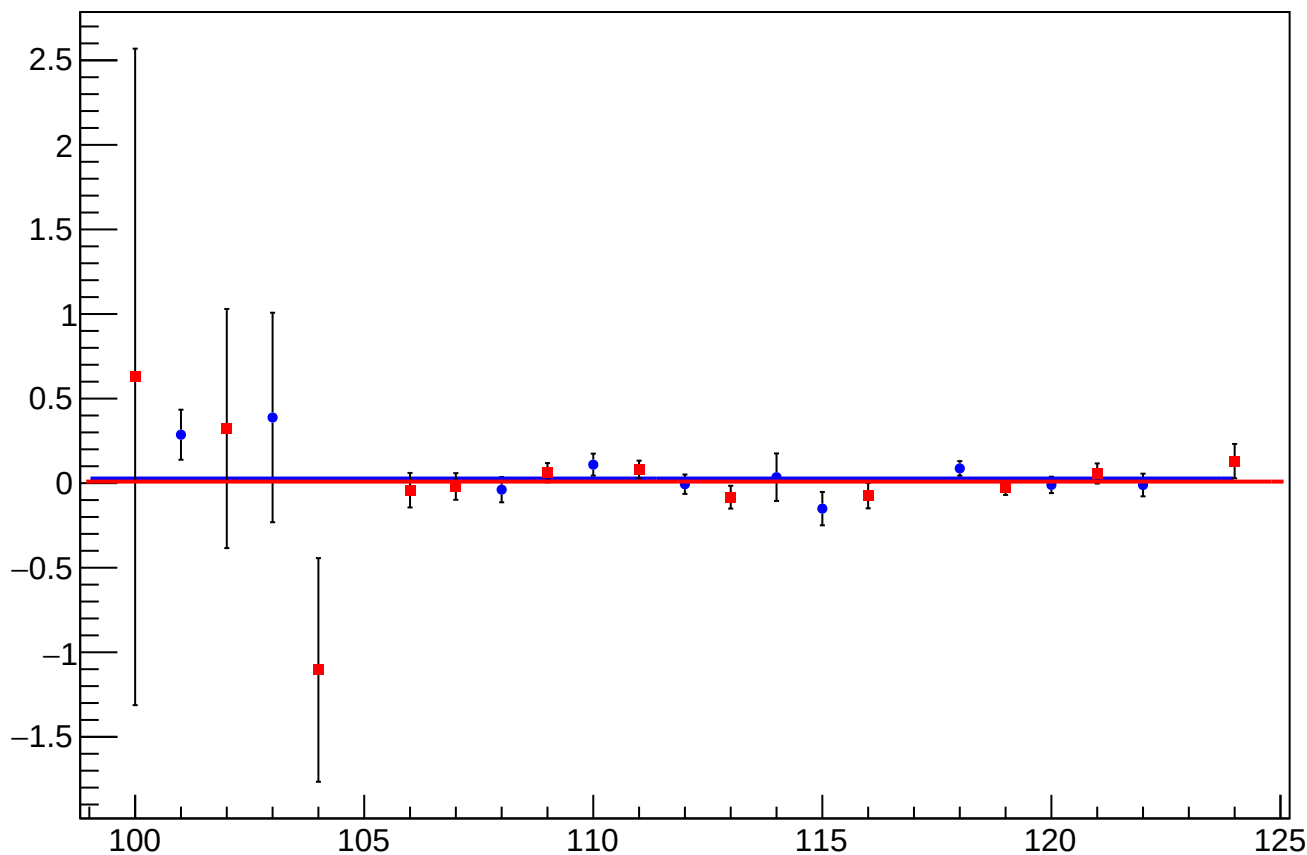
Right: 0.000+/-0.000 χ^2/NDF : 1034581.2/21

In: 0.000+/-0.000 χ^2/NDF : 260436.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1034581.2/21

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.021 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

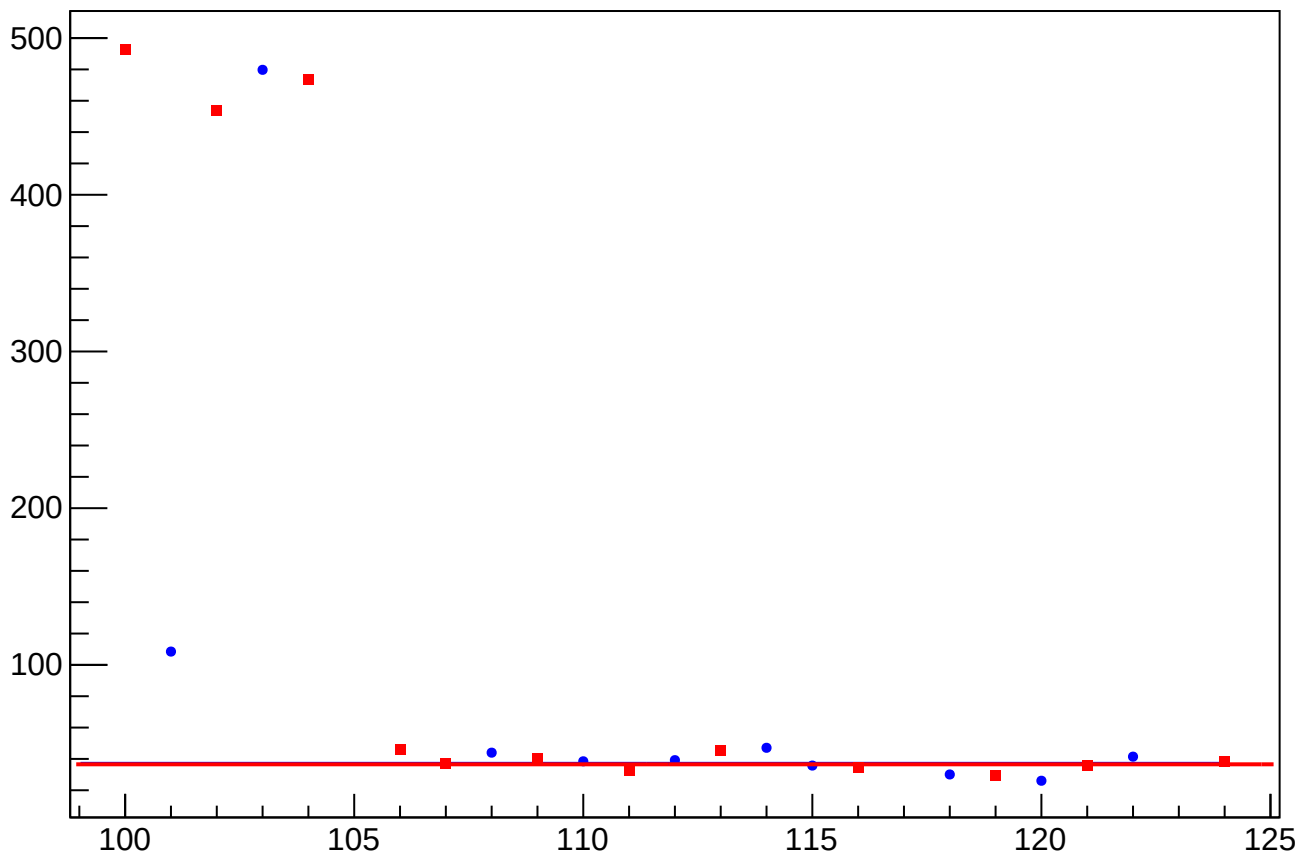
Right: 0.018+/-0.015 χ^2/NDF : 24.9/21

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.015 χ^2/NDF : 24.9/21

asym_usr_atr1_dd_dit_vs_slug, Sign Corrected



Right In: 36.855+/-0.015 χ^2/NDF : 1683432.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.558+/-0.015 χ^2/NDF : 1807765.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

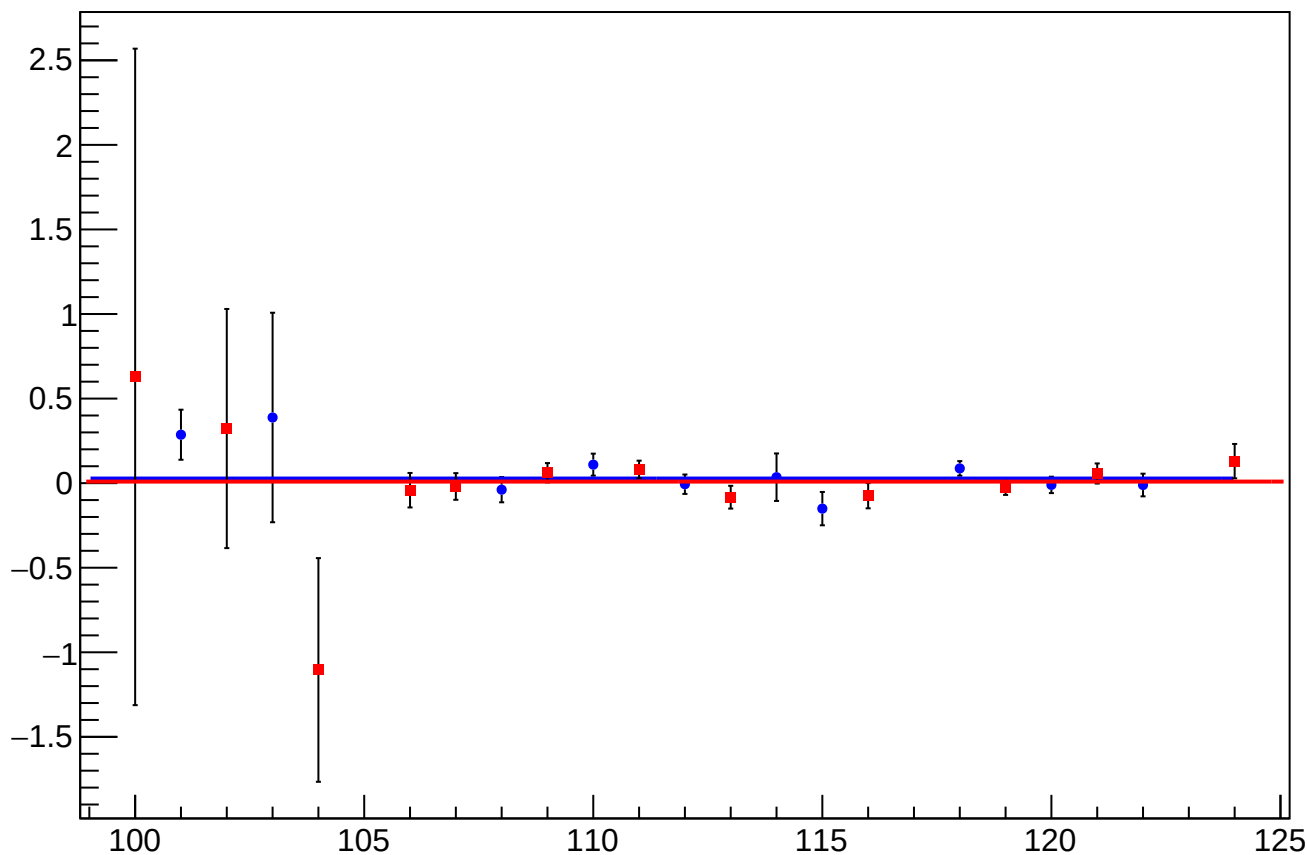
Right: 36.700+/-0.011 χ^2/NDF : 3491392.6/21

In: 36.855+/-0.015 χ^2/NDF : 1683432.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.700+/-0.011 χ^2/NDF : 3491392.6/21

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.021 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

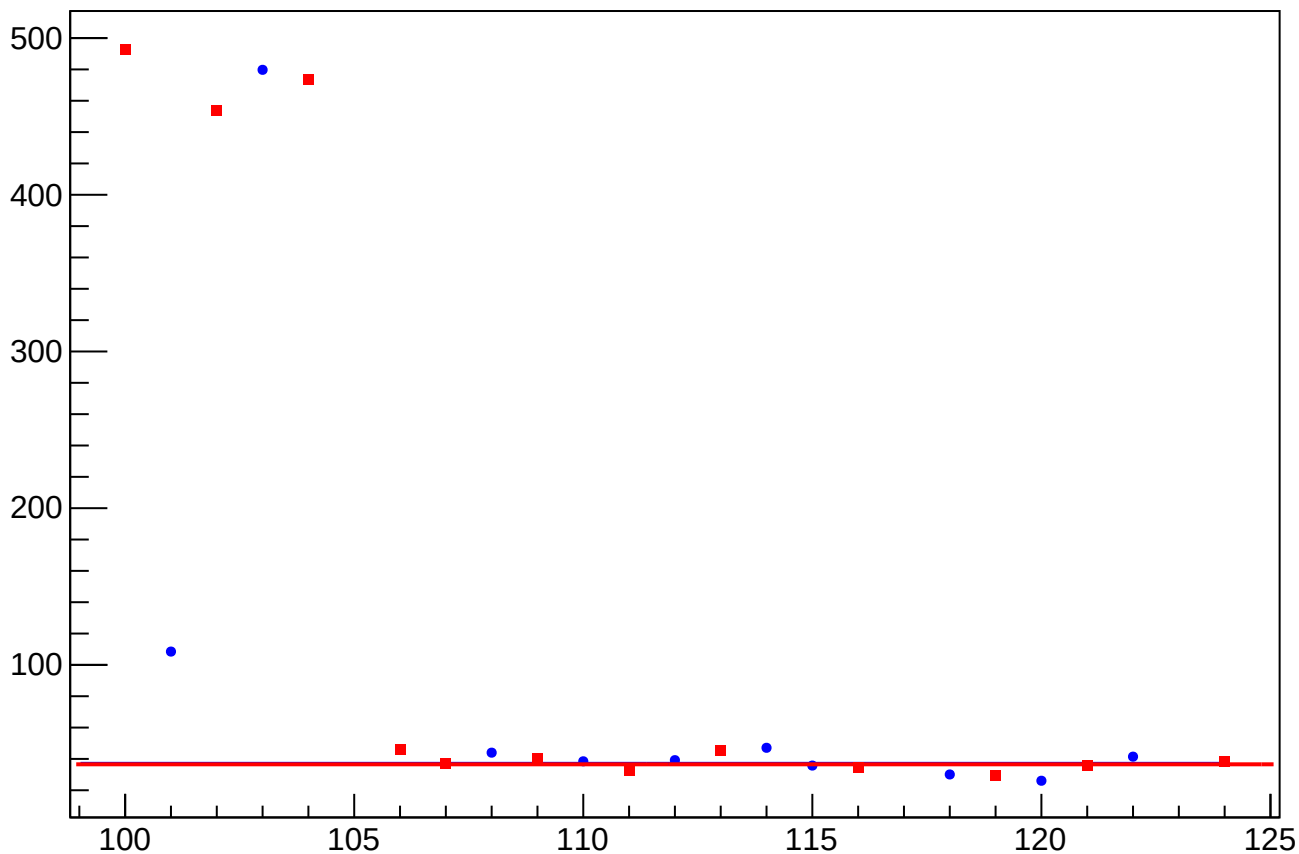
Right: 0.018+/-0.015 χ^2/NDF : 24.9/21

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.015 χ^2/NDF : 24.9/21

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.855+/-0.015 χ^2/NDF : 1683432.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.558+/-0.015 χ^2/NDF : 1807765.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

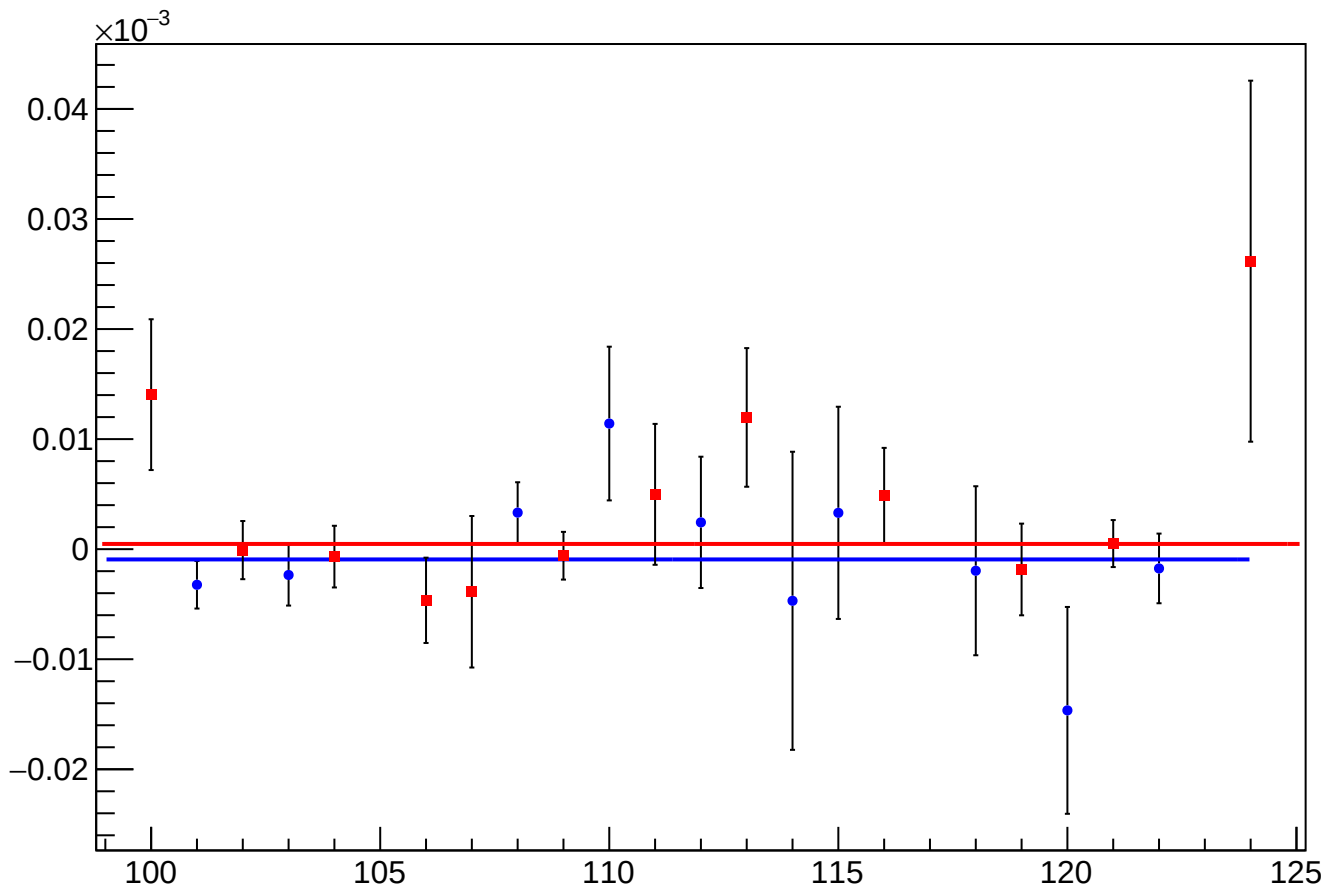
Right: 36.700+/-0.011 χ^2/NDF : 3491392.6/21

In: 36.855+/-0.015 χ^2/NDF : 1683432.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.700+/-0.011 χ^2/NDF : 3491392.6/21

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

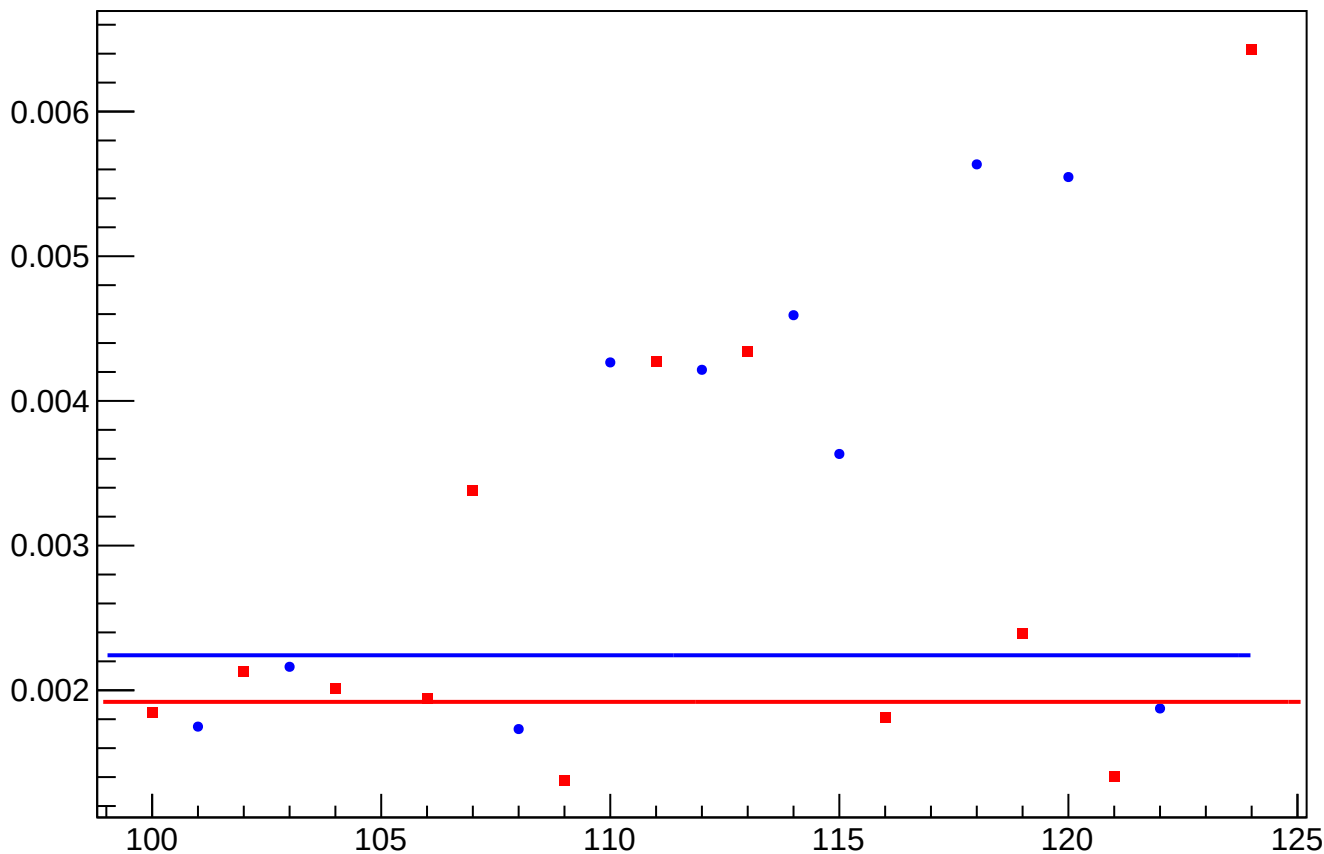
Right: -0.000+/-0.000 χ^2/NDF : 24.6/21

In: -0.000+/-0.000 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.6/21

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1327820.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1091150.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

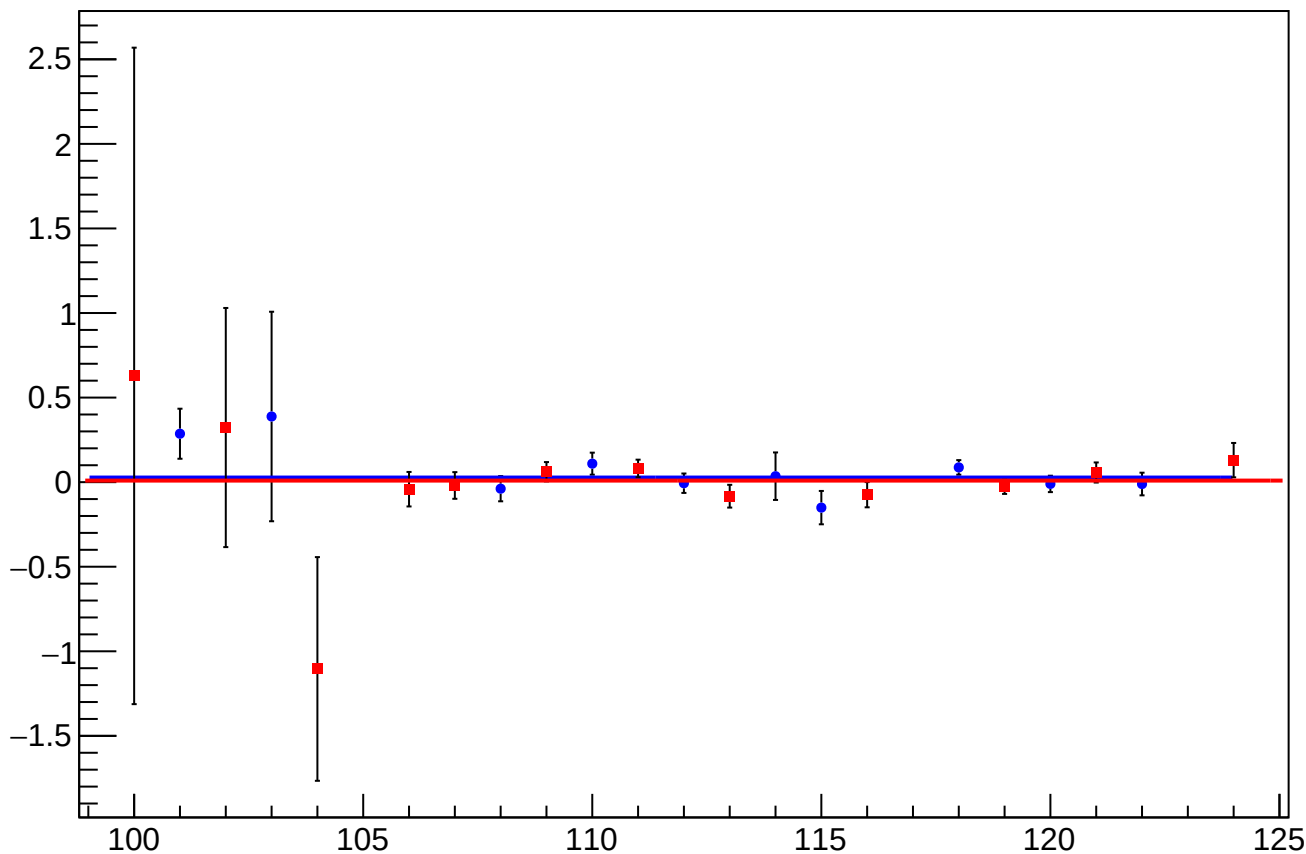
Right: 0.002+/-0.000 χ^2/NDF : 2501190.3/21

In: 0.002+/-0.000 χ^2/NDF : 1327820.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2501190.3/21

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.021 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

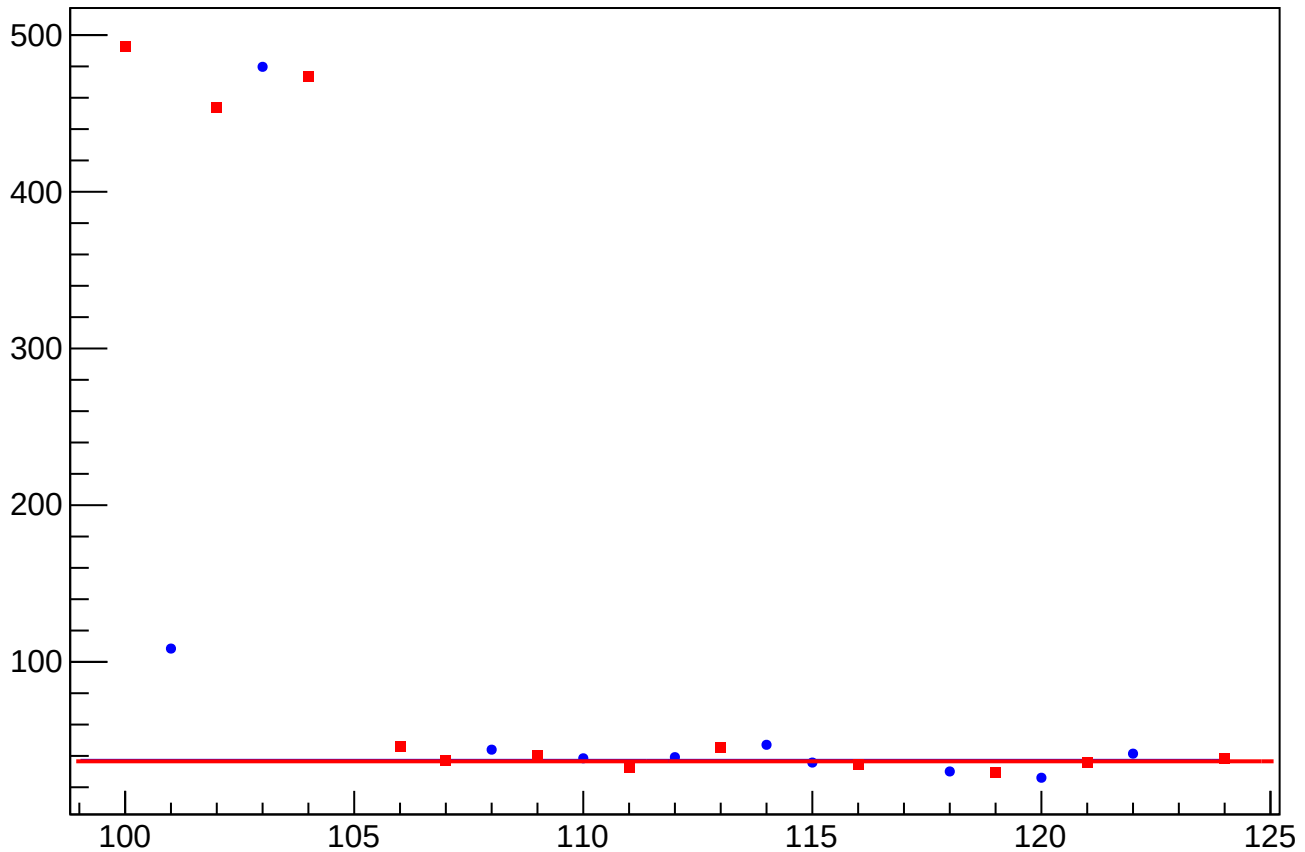
Right: 0.018+/-0.015 χ^2/NDF : 24.9/21

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.015 χ^2/NDF : 24.9/21

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.854+/-0.015 χ^2/NDF : 1683448.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.556+/-0.015 χ^2/NDF : 1807831.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

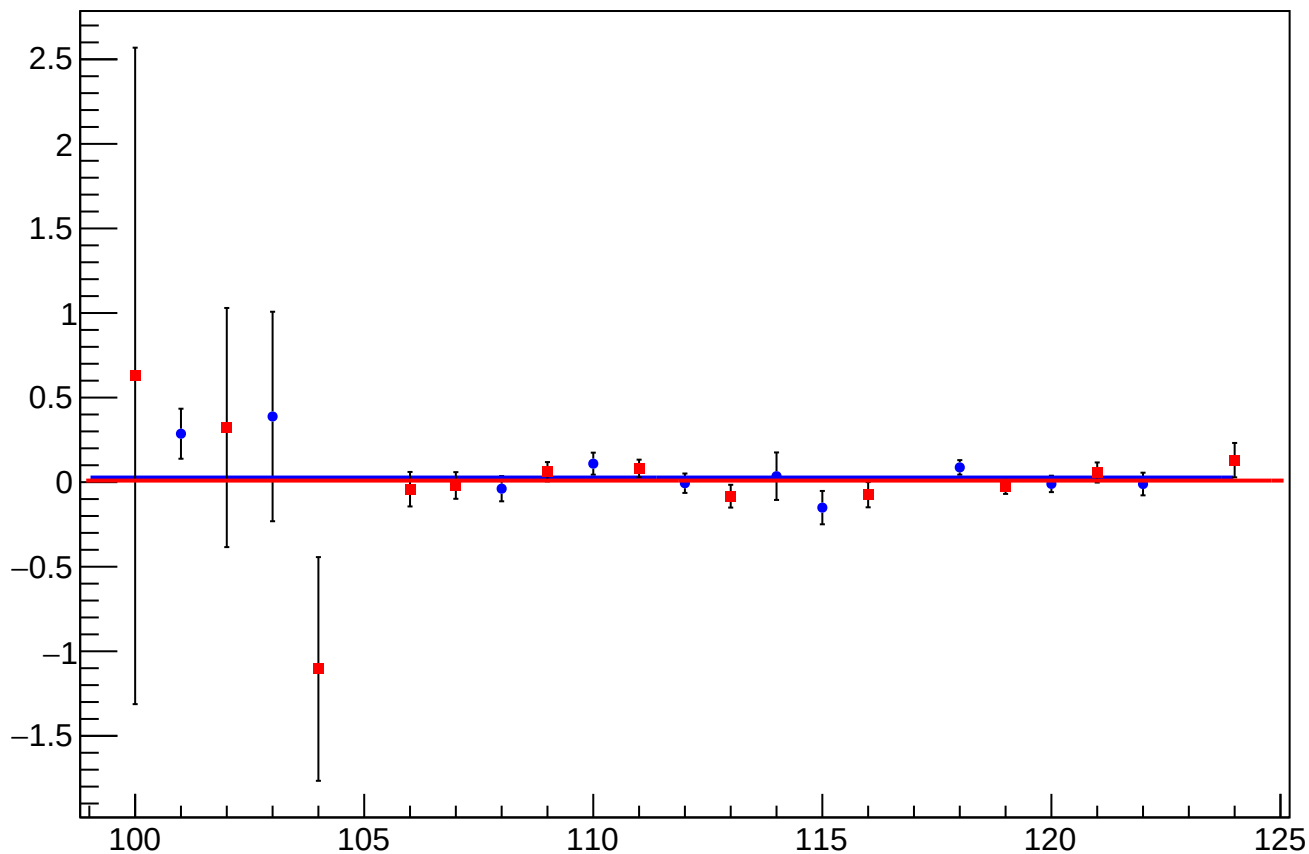
Right: 36.699+/-0.011 χ^2/NDF : 3491474.9/21

In: 36.854+/-0.015 χ^2/NDF : 1683448.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.699+/-0.011 χ^2/NDF : 3491474.9/21

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.021 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

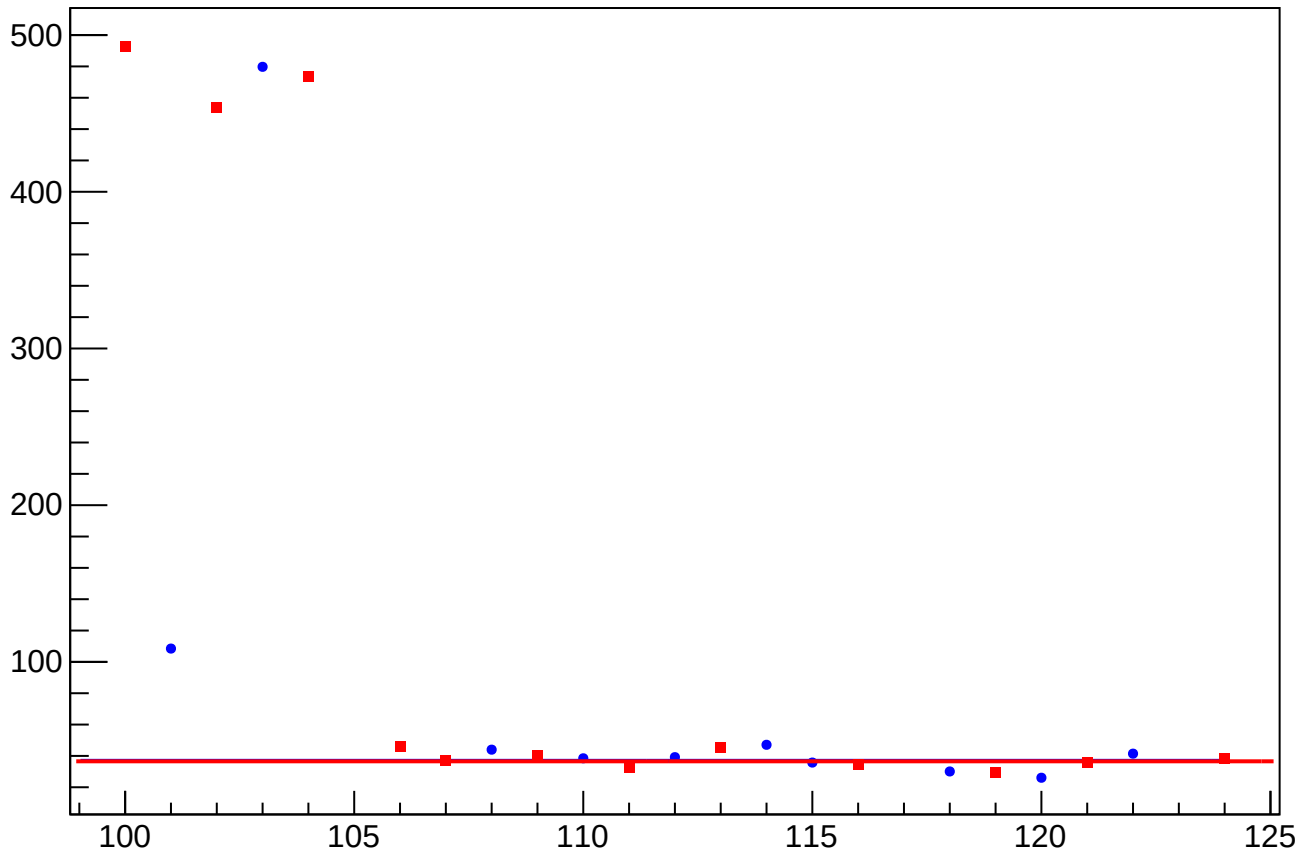
Right: 0.018+/-0.015 χ^2/NDF : 24.9/21

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.015 χ^2/NDF : 24.9/21

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.854+/-0.015 χ^2/NDF : 1683448.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.556+/-0.015 χ^2/NDF : 1807831.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

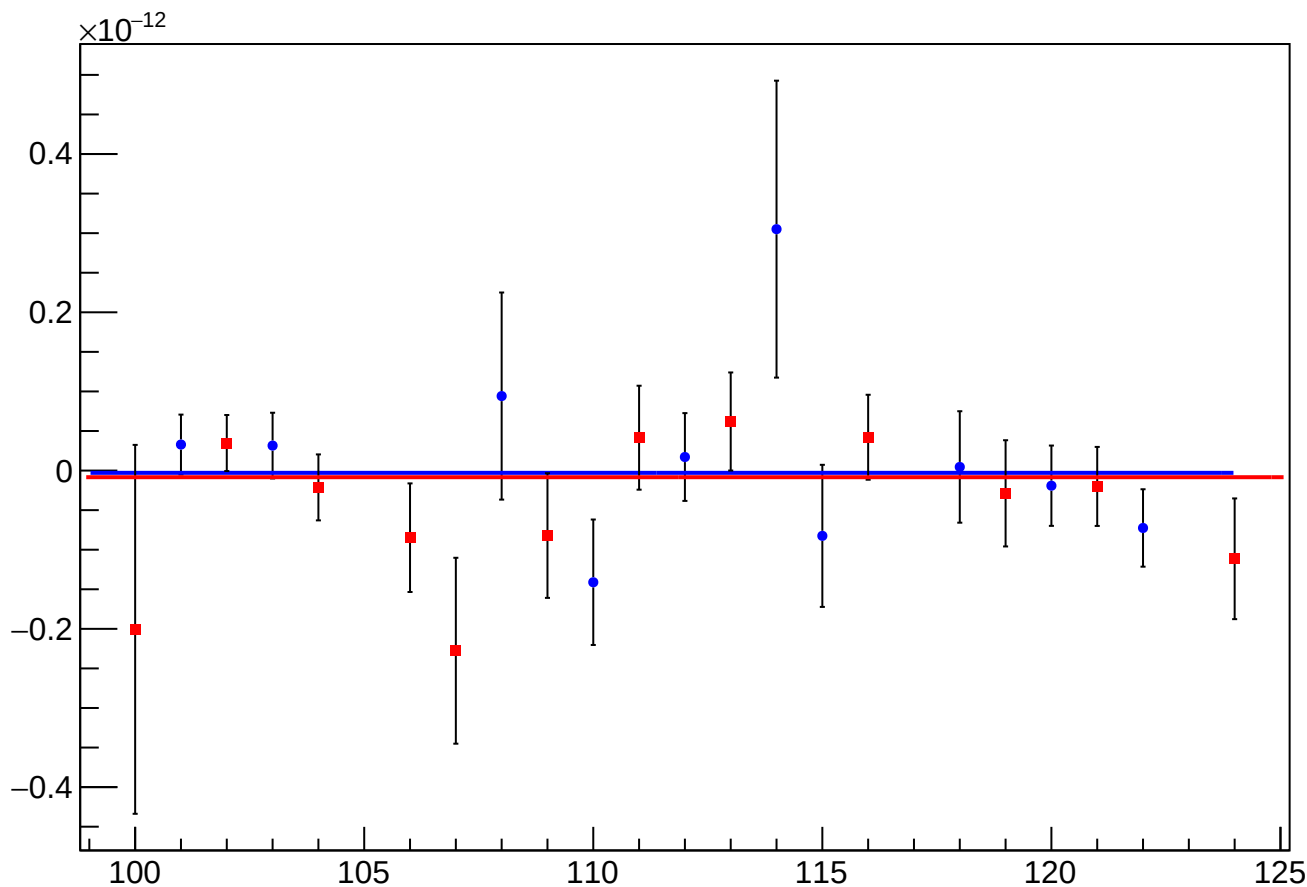
Right: 36.699+/-0.011 χ^2/NDF : 3491474.9/21

In: 36.854+/-0.015 χ^2/NDF : 1683448.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.699+/-0.011 χ^2/NDF : 3491474.9/21

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

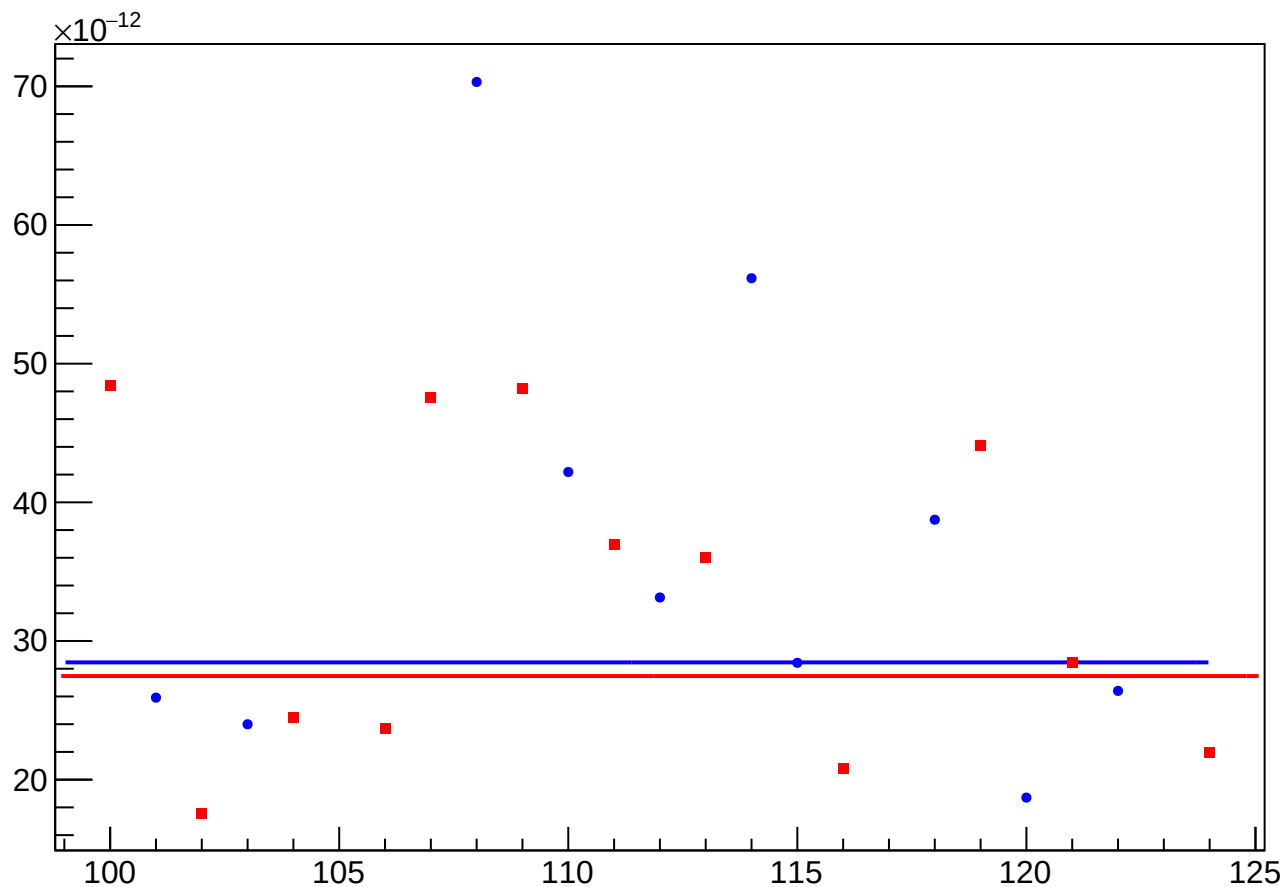
Right: -0.000+/-0.000 χ^2/NDF : 23.6/21

In: -0.000+/-0.000 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.6/21

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 474714.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 631617.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

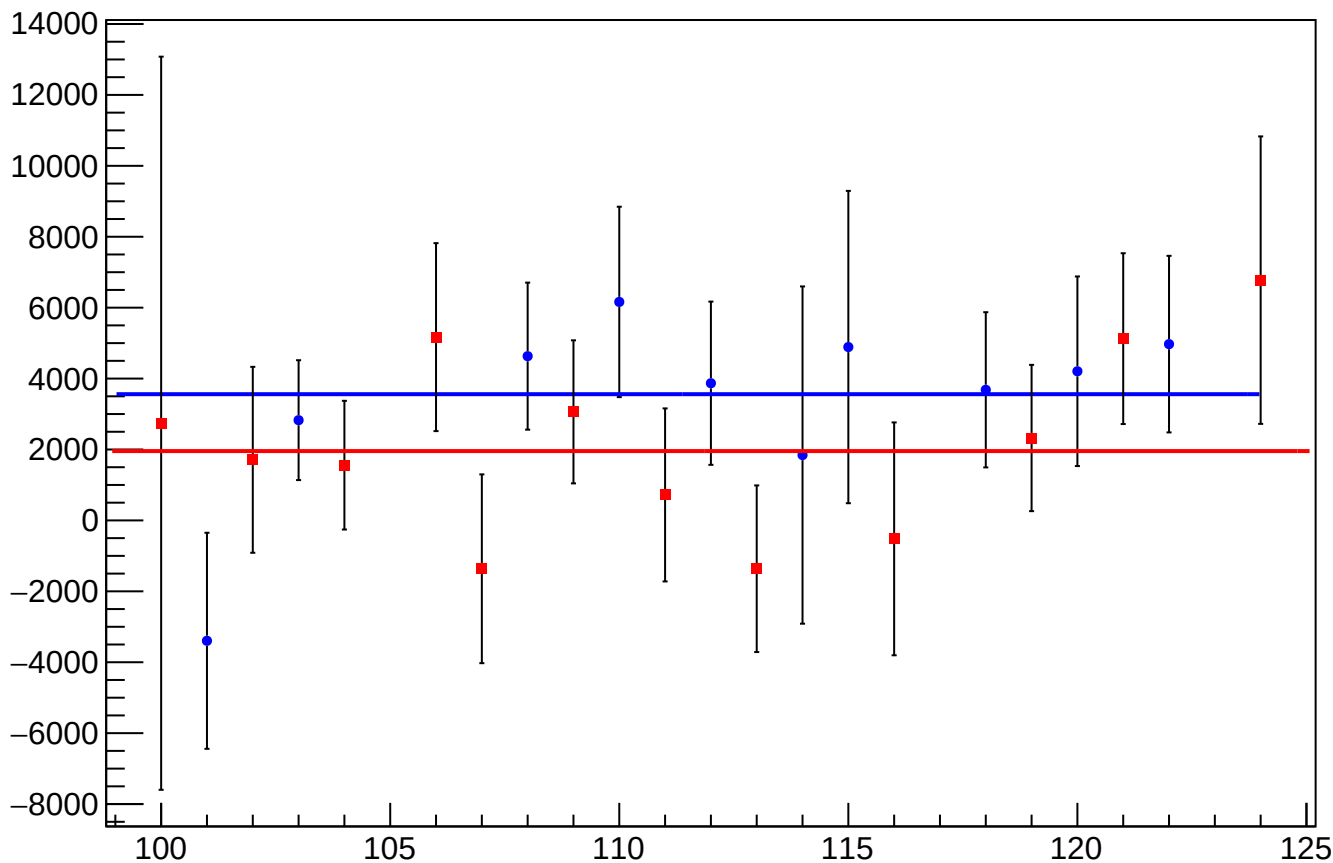
Right: 0.000+/-0.000 χ^2/NDF : 1109459.9/21

In: 0.000+/-0.000 χ^2/NDF :474714.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1109459.9/21

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3559.801+/-784.813 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1955.428+/-725.956 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

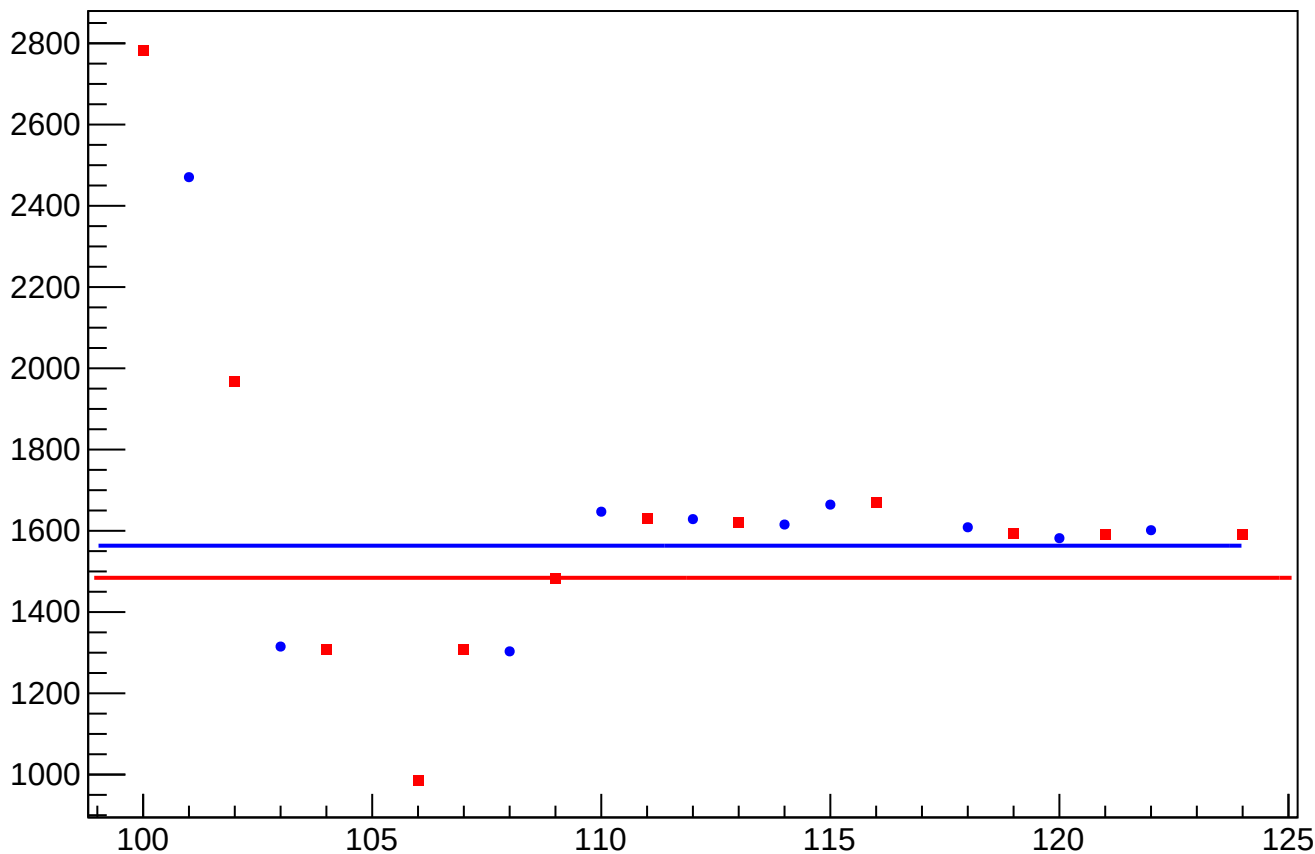
Right: 2695.206+/-532.923 χ^2/NDF : 18.9/21

In: 3559.801+/-784.813 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2695.206+/-532.923 χ^2/NDF : 18.9/21

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1563.376+/-0.555 χ^2/NDF : 258202.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1484.324+/-0.500 χ^2/NDF : 277990.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

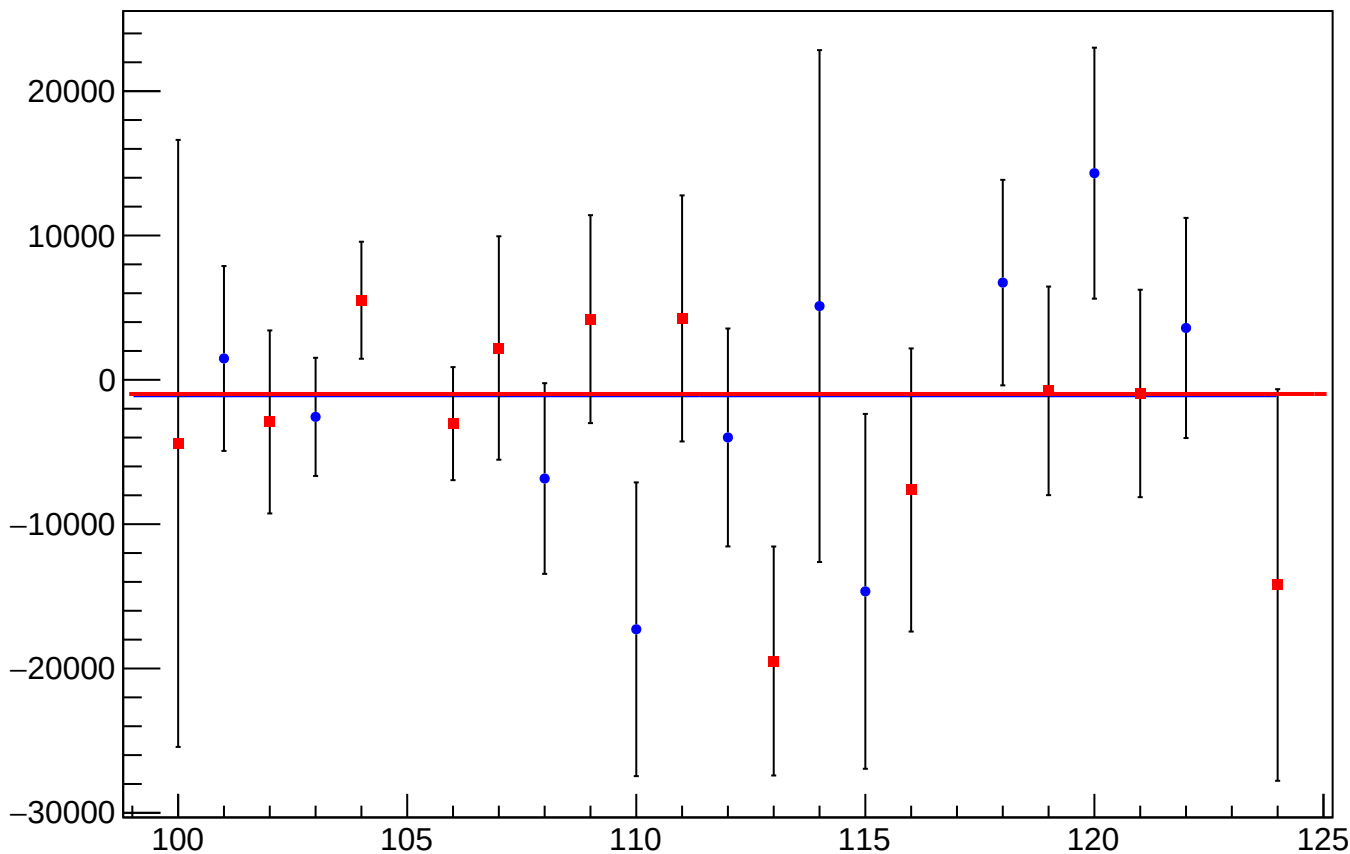
Right: 1519.778+/-0.372 χ^2/NDF : 547383.4/21

In: 1563.376+/-0.555 χ^2/NDF : 258202.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1519.778+/-0.372 χ^2/NDF : 547383.4/21

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1068.706+/-2269.508 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -979.953+/-1913.473 χ^2/NDF : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

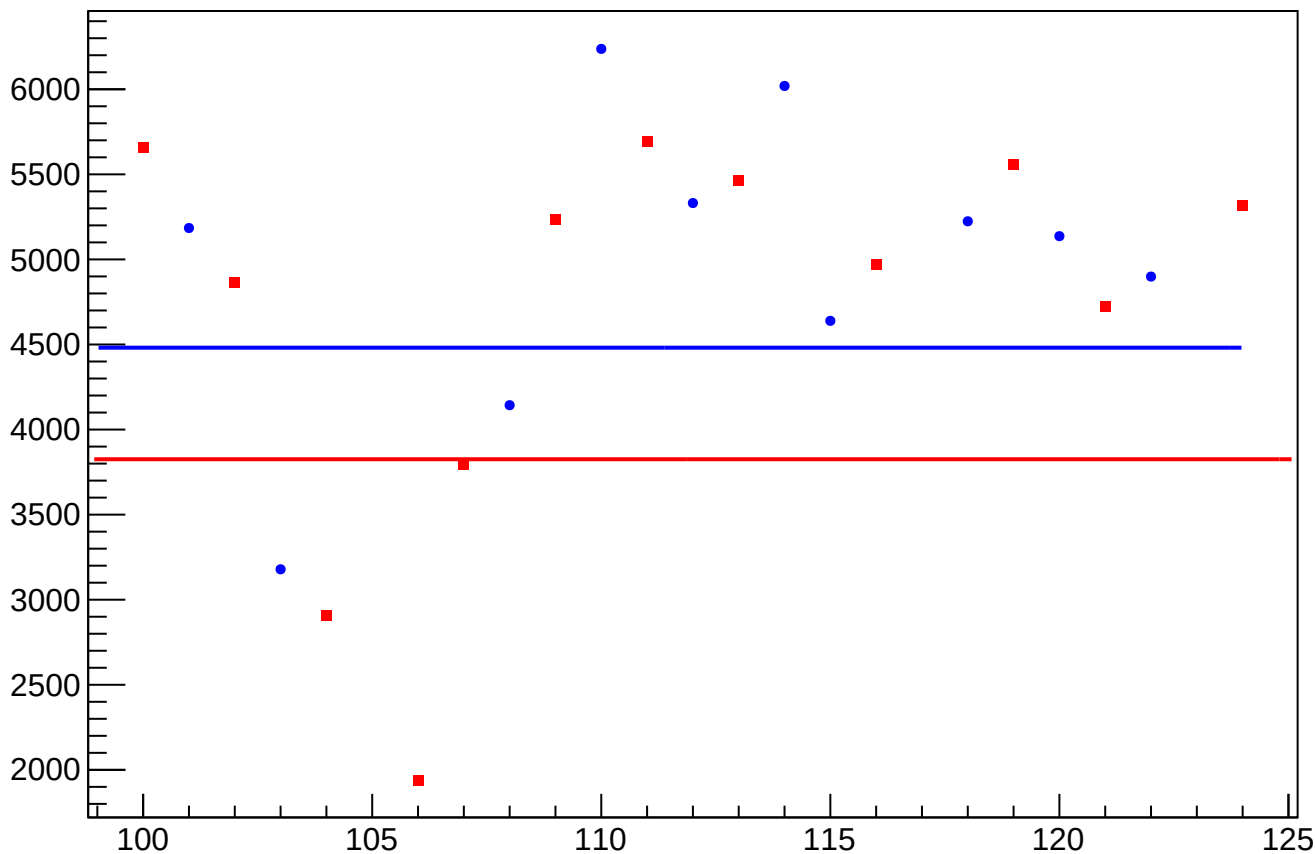
Right: -1016.829+/-1462.904 χ^2/NDF : 20.7/21

In: -1068.706+/-2269.508 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1016.829+/-1462.904 χ^2/NDF : 20.7/21

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4481.223+/-1.605 χ^2/NDF : 371308.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3825.600+/-1.353 χ^2/NDF : 1091535.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

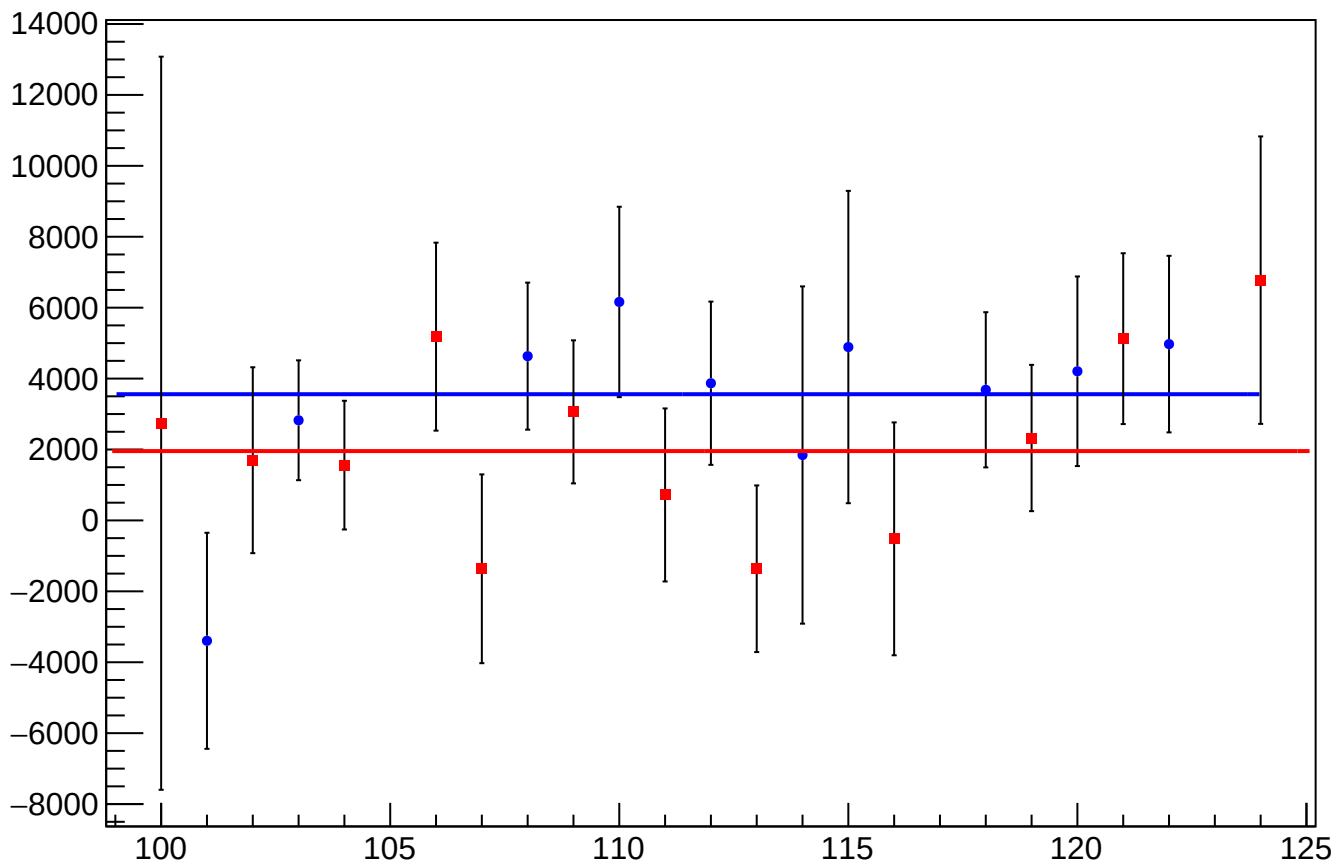
Right: 4098.010+/-1.034 χ^2/NDF : 1560401.7/21

In: 4481.223+/-1.605 χ^2/NDF : 371308.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4098.010+/-1.034 χ^2/NDF : 1560401.7/21

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3559.287 $\pm$ 784.813 χ^2 /NDF: 7.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1955.552 $\pm$ 725.962 χ^2 /NDF: 9.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

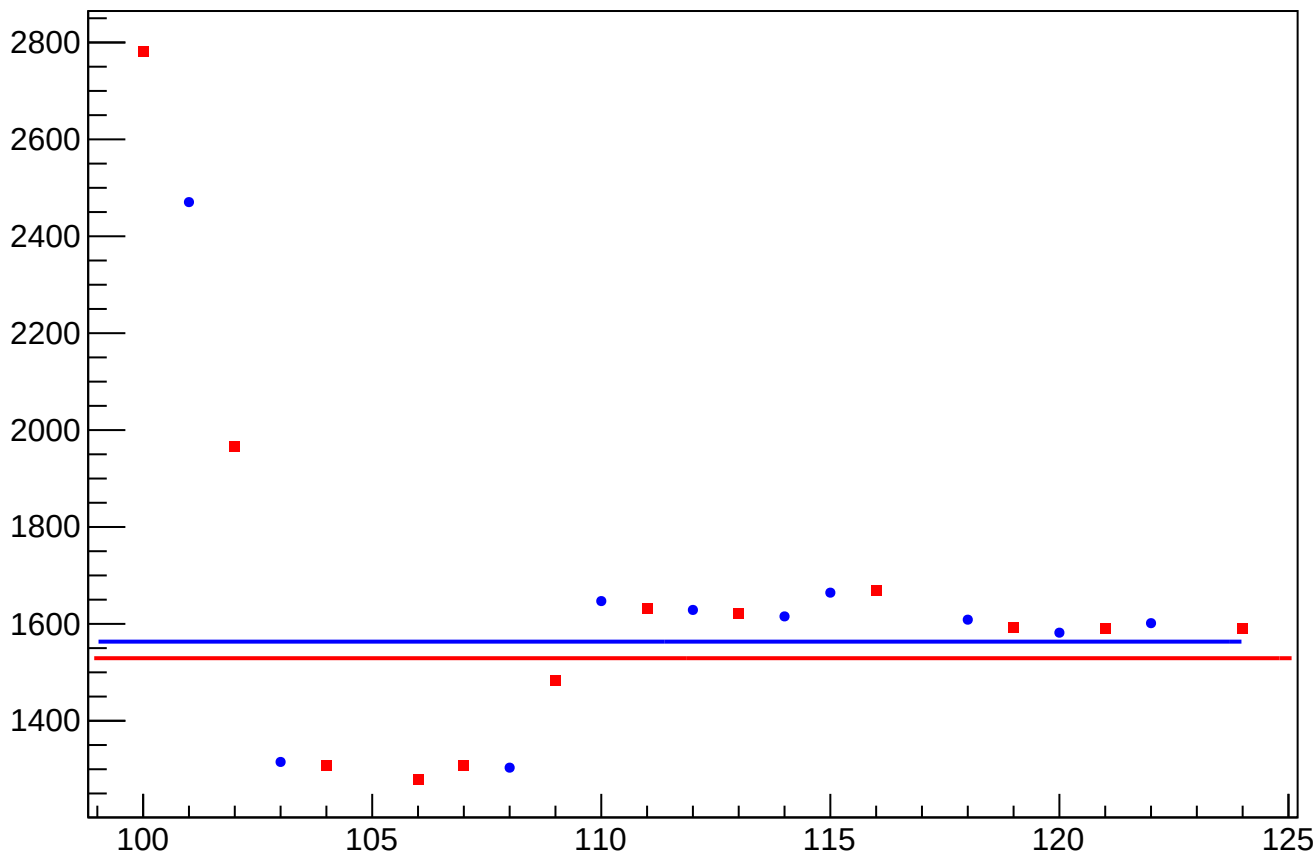
Right: 2695.041 $\pm$ 532.925 χ^2 /NDF: 18.9/21

In: 3559.287 $\pm$ 784.813 χ^2 /NDF: 7.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2695.041 $\pm$ 532.925 χ^2 /NDF: 18.9/21

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1563.376+/-0.555 χ^2/NDF : 258201.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1529.186+/-0.510 χ^2/NDF : 164508.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

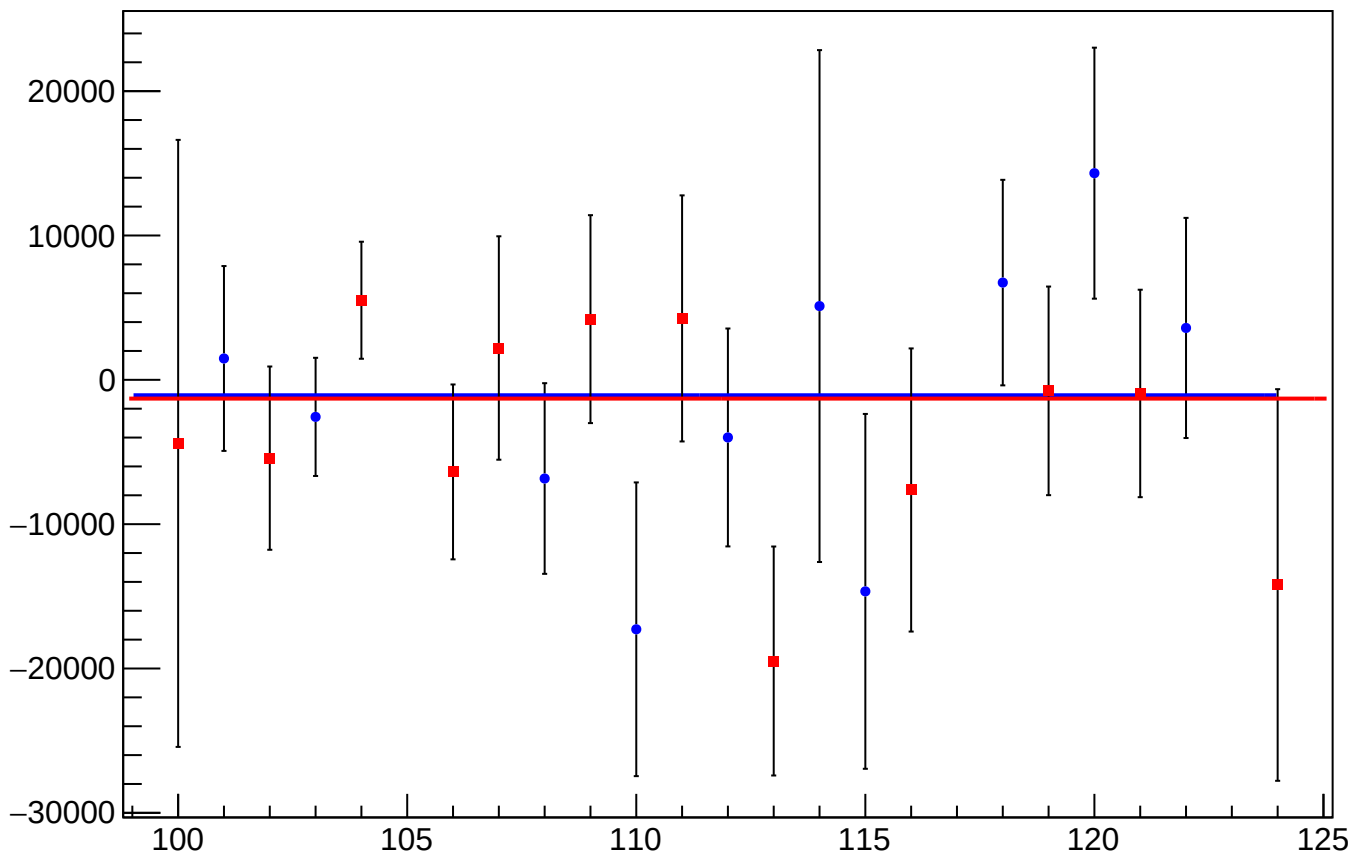
Right: 1544.849+/-0.376 χ^2/NDF : 424767.1/21

In: 1563.376+/-0.555 χ^2/NDF : 258201.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.849+/-0.376 χ^2/NDF : 424767.1/21

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1069.027+/-2269.578 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1300.462+/-2062.355 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

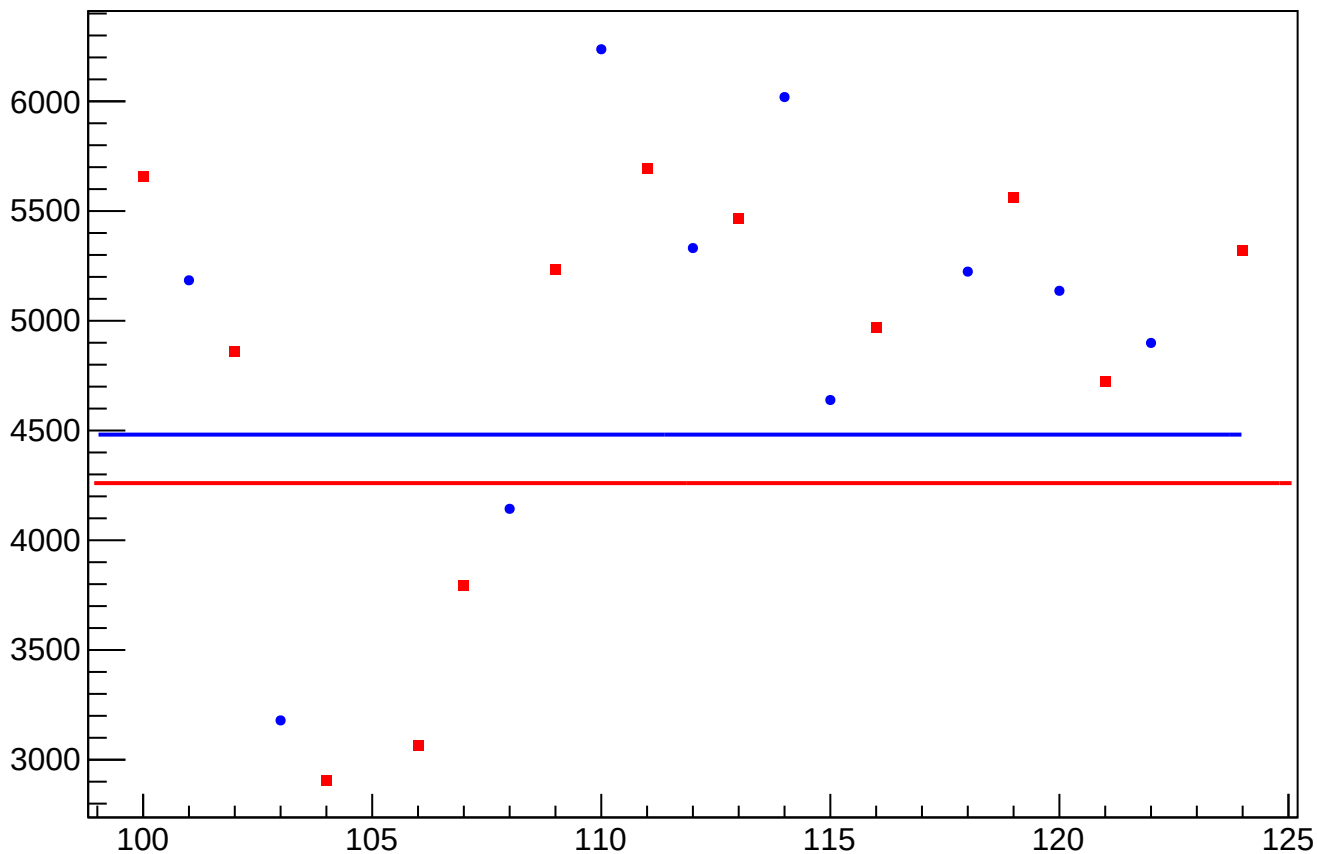
Right: -1195.790+/-1526.319 χ^2/NDF : 21.6/21

In: -1069.027+/-2269.578 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1195.790+/-1526.319 χ^2/NDF : 21.6/21

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4481.410+/-1.605 χ^2/NDF : 371158.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4260.365+/-1.458 χ^2/NDF : 569613.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

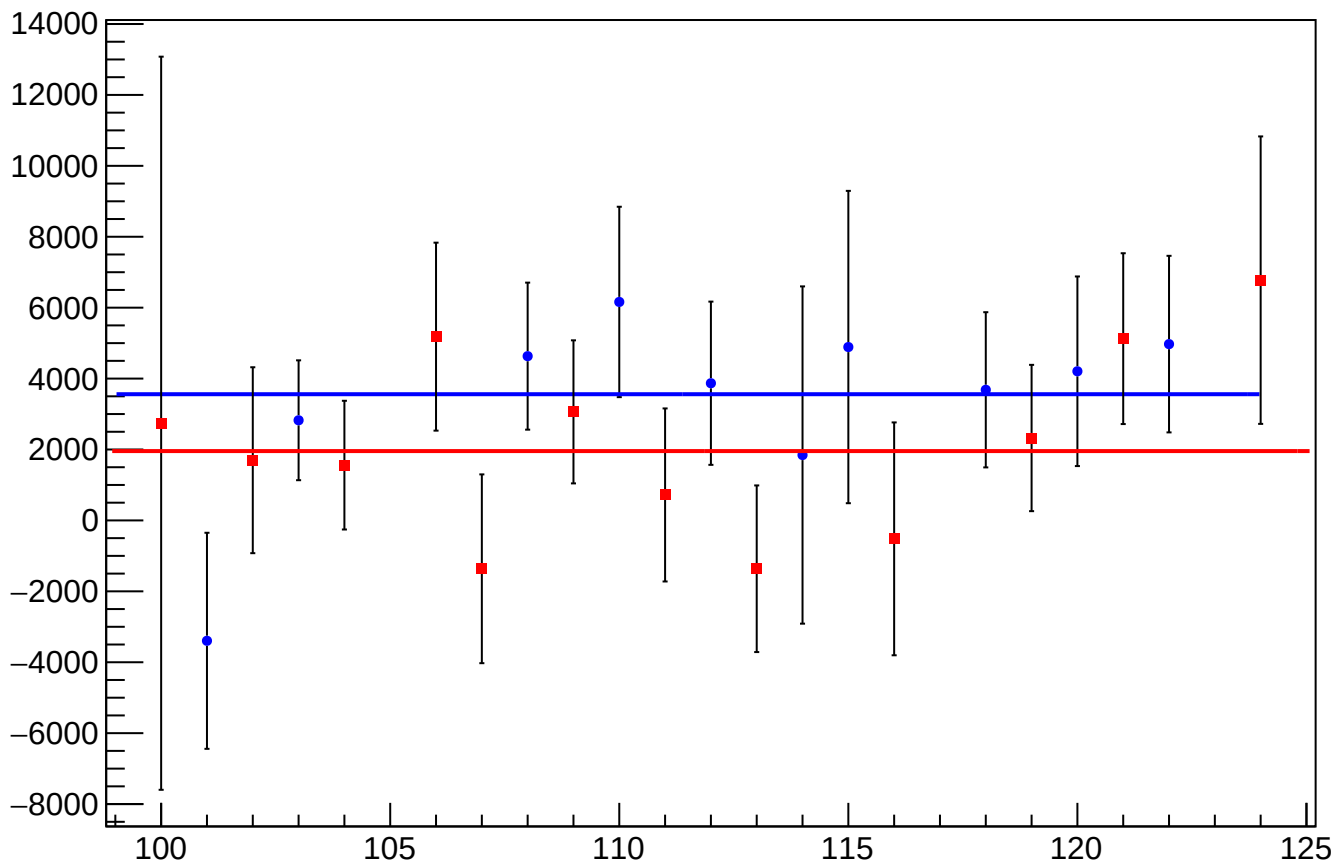
Right: 4360.338+/-1.079 χ^2/NDF : 951162.5/21

In: 4481.410+/-1.605 χ^2/NDF : 371158.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4360.338+/-1.079 χ^2/NDF : 951162.5/21

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3559.287+/-784.813 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1955.552+/-725.962 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

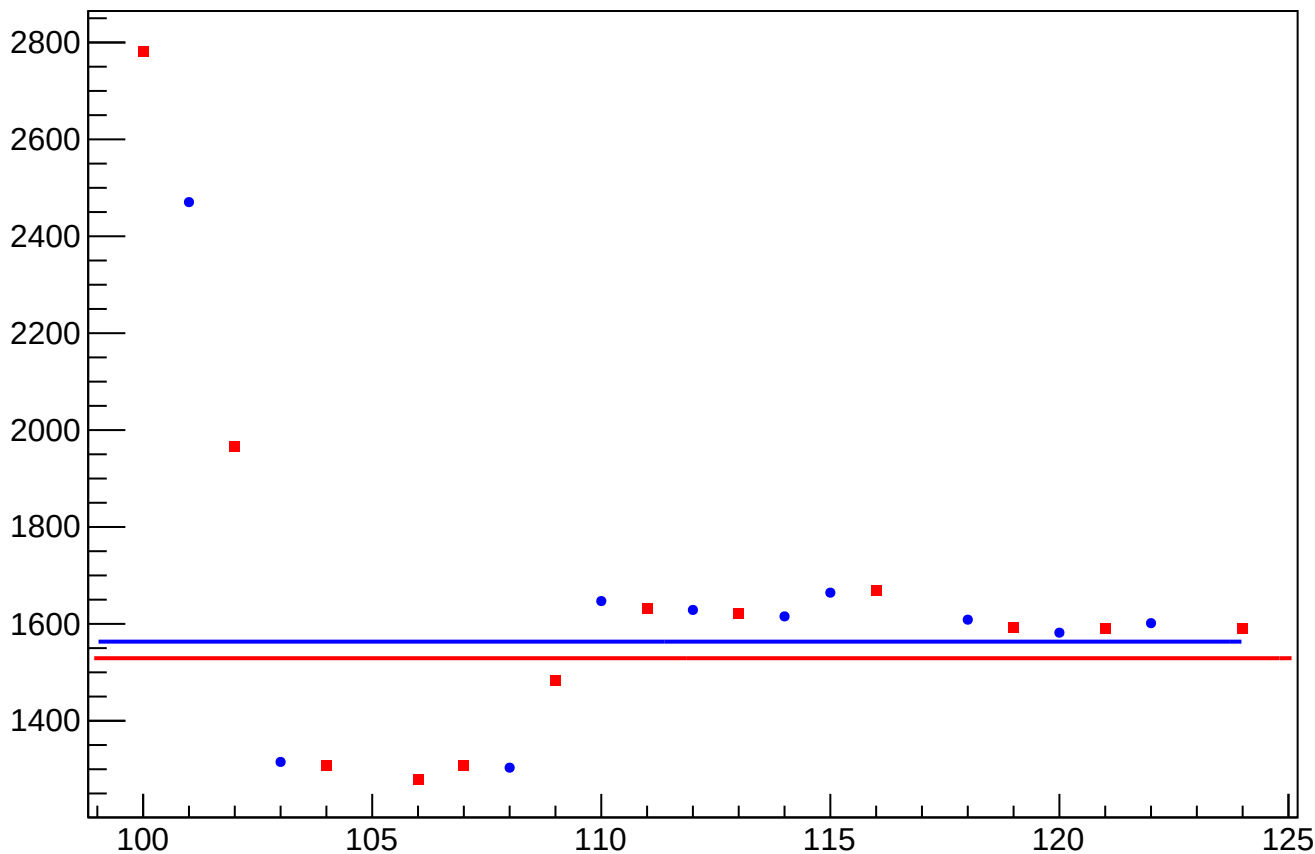
Right: 2695.041+/-532.925 χ^2/NDF : 18.9/21

In: 3559.287+/-784.813 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2695.041+/-532.925 χ^2/NDF : 18.9/21

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1563.376+/-0.555 χ^2/NDF : 258201.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1529.186+/-0.510 χ^2/NDF : 164508.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

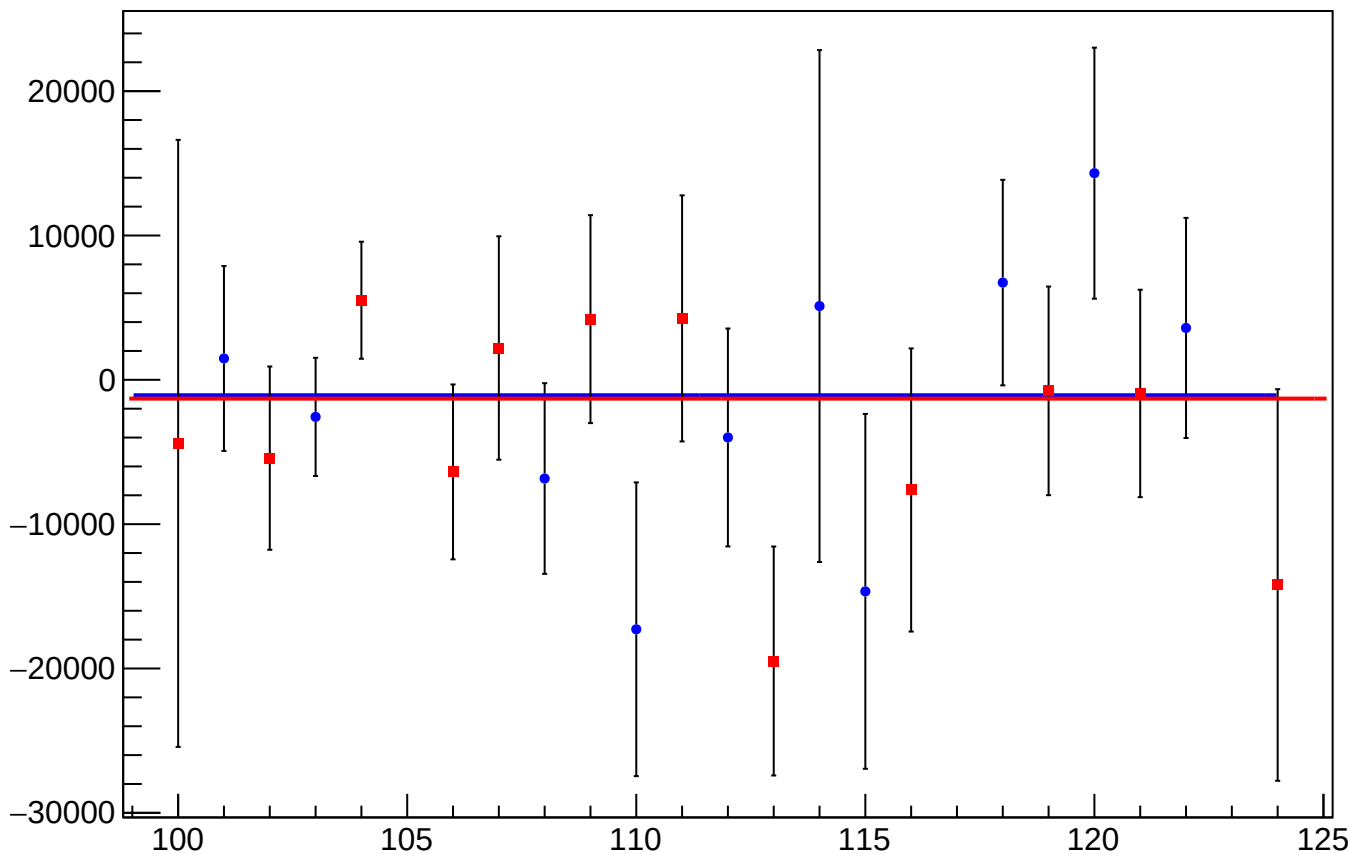
Right: 1544.849+/-0.376 χ^2/NDF : 424767.1/21

In: 1563.376+/-0.555 χ^2/NDF : 258201.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.849+/-0.376 χ^2/NDF : 424767.1/21

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1069.027+/-2269.578 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1300.462+/-2062.355 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

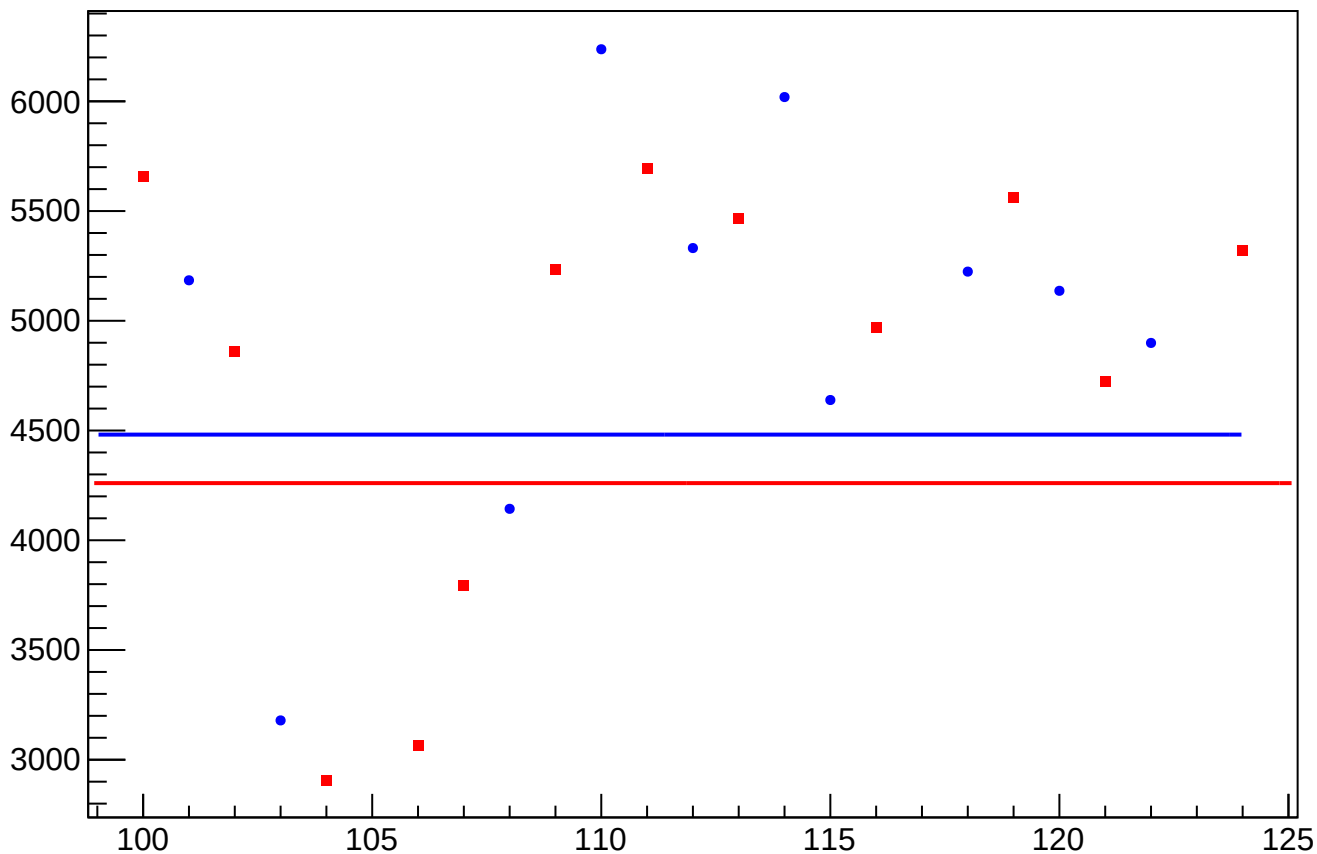
Right: -1195.790+/-1526.319 χ^2/NDF : 21.6/21

In: -1069.027+/-2269.578 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1195.790+/-1526.319 χ^2/NDF : 21.6/21

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4481.410+/-1.605 χ^2/NDF : 371158.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4260.365+/-1.458 χ^2/NDF : 569613.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

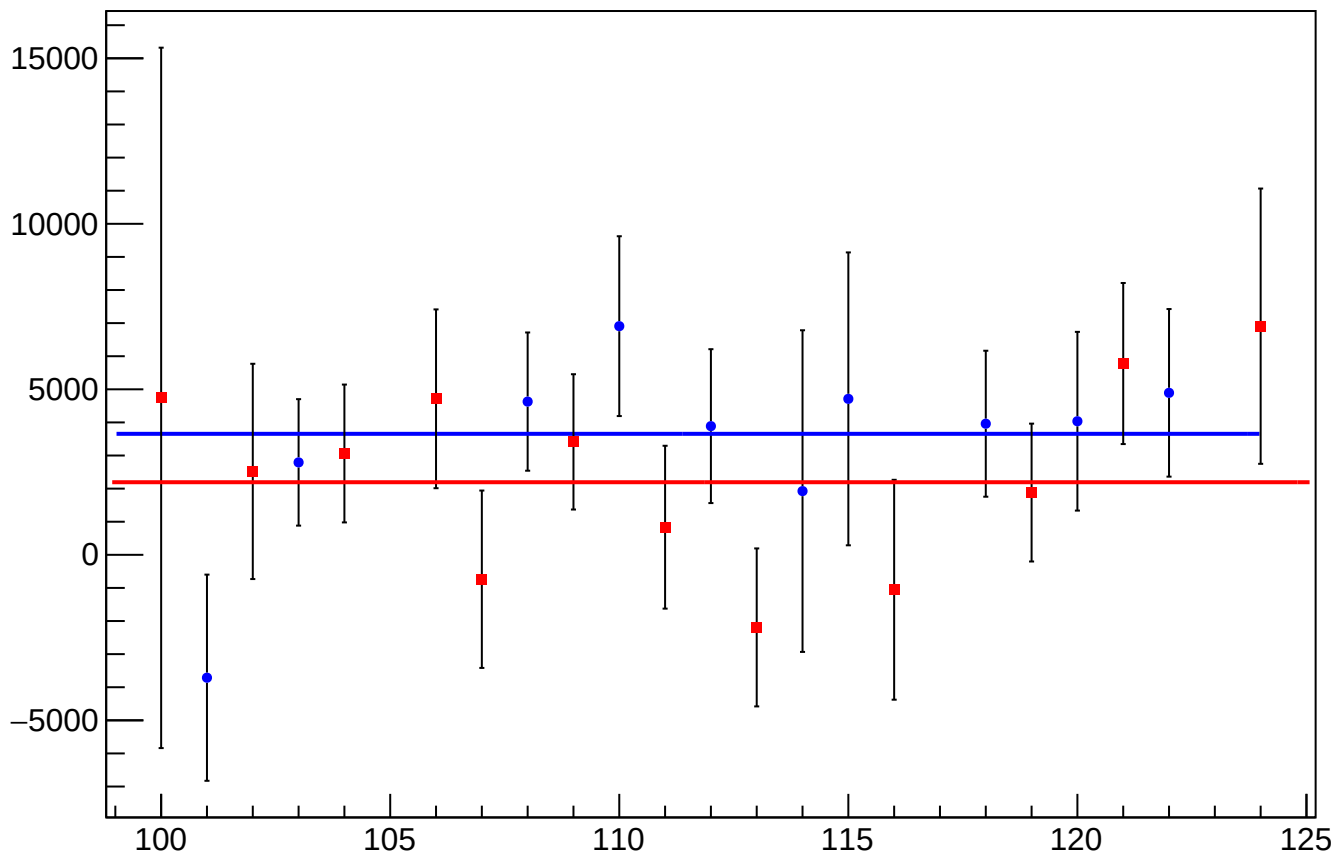
Right: 4360.338+/-1.079 χ^2/NDF : 951162.5/21

In: 4481.410+/-1.605 χ^2/NDF : 371158.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4360.338+/-1.079 χ^2/NDF : 951162.5/21

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3655.391+/-811.271 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2193.314+/-758.359 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

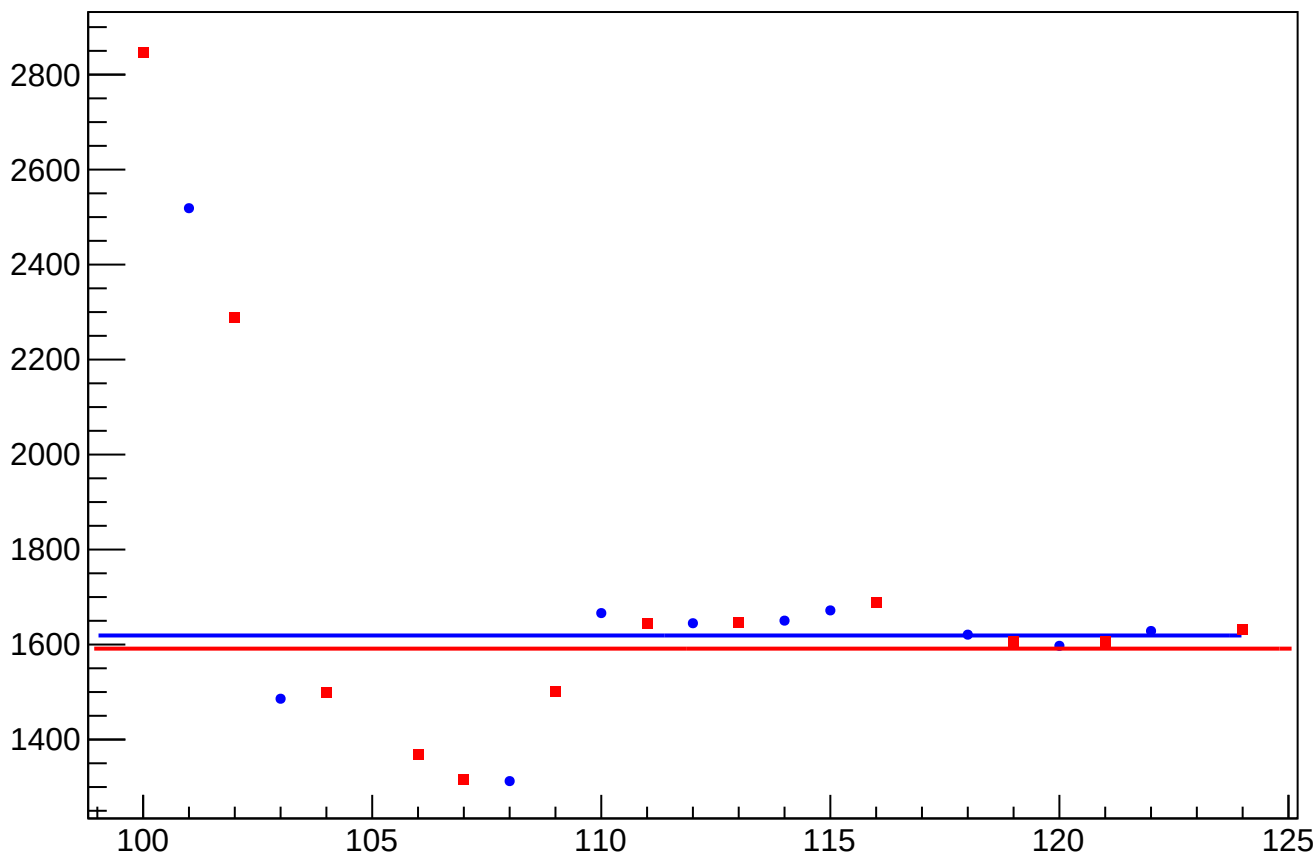
Right: 2875.123+/-554.003 χ^2/NDF : 20.4/21

In: 3655.391+/-811.271 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2875.123+/-554.003 χ^2/NDF : 20.4/21

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1619.079+/-0.574 χ^2/NDF : 221110.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1591.393+/-0.536 χ^2/NDF : 167127.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

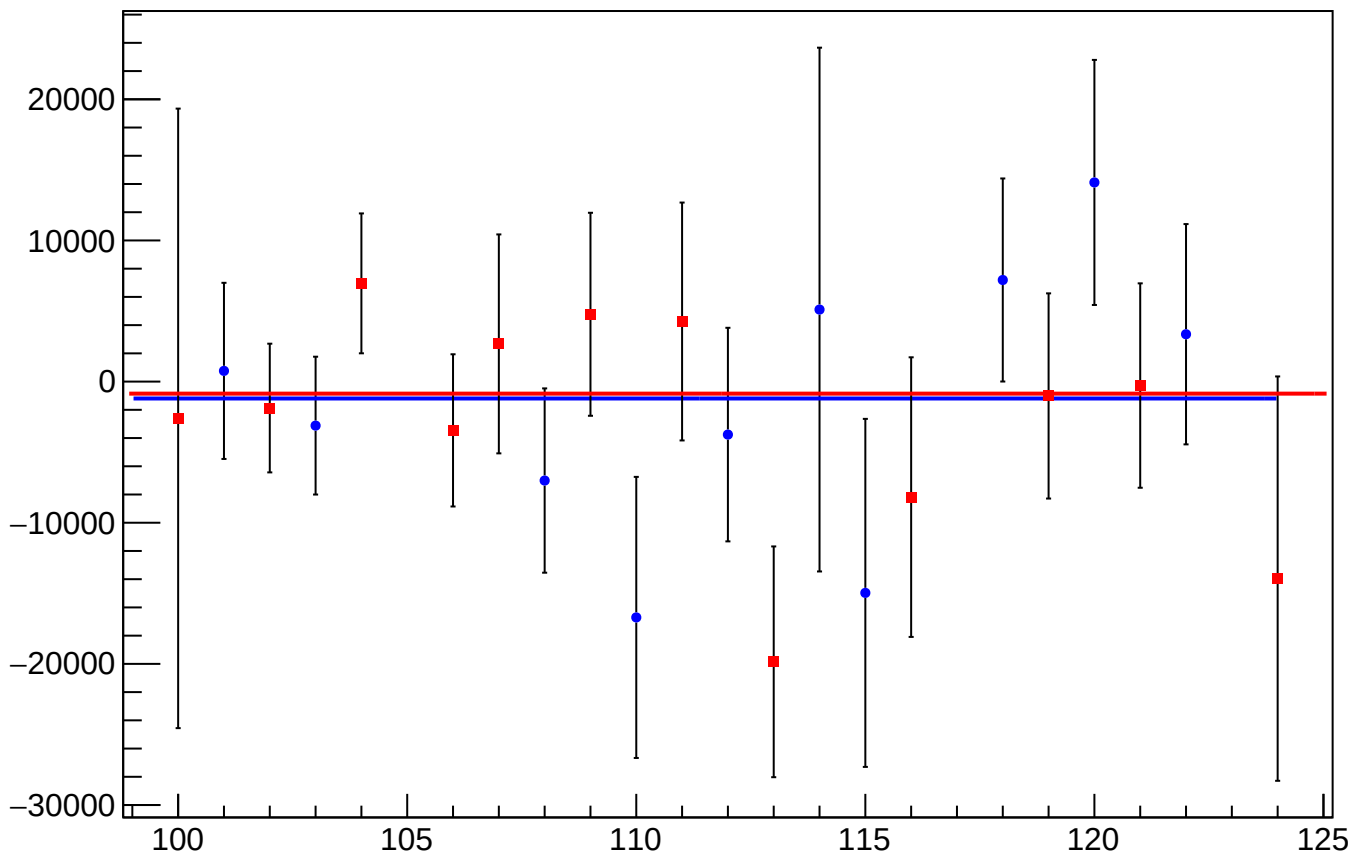
Right: 1604.285+/-0.391 χ^2/NDF : 389483.2/21

In: 1619.079+/-0.574 χ^2/NDF : 221110.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.285+/-0.391 χ^2/NDF : 389483.2/21

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1197.661+/-2375.964 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -853.342+/-2027.115 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

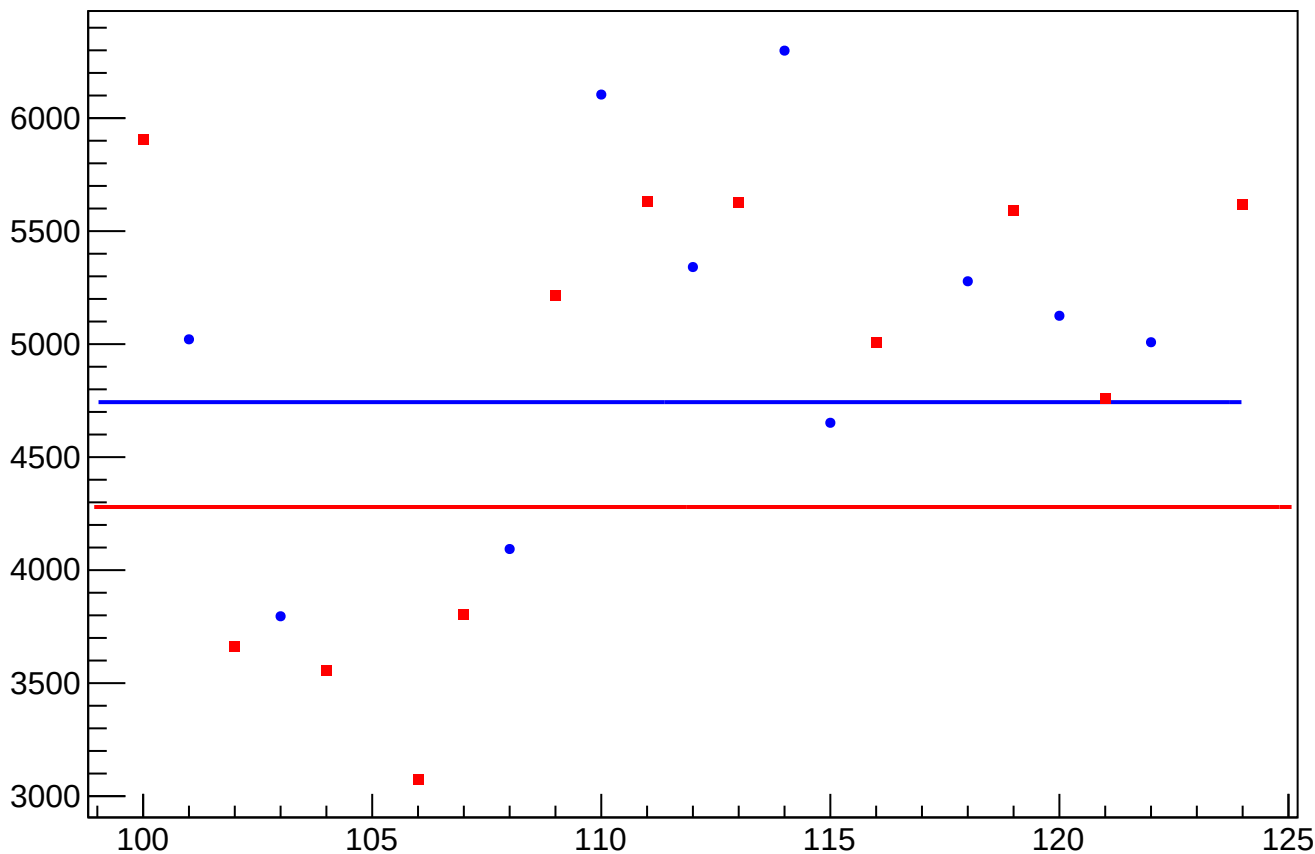
Right: -998.392+/-1542.119 χ^2/NDF : 20.5/21

In: -1197.661+/-2375.964 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -998.392+/-1542.119 χ^2/NDF : 20.5/21

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4743.324+/-1.680 χ^2/NDF : 180325.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4279.374+/-1.433 χ^2/NDF : 439541.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

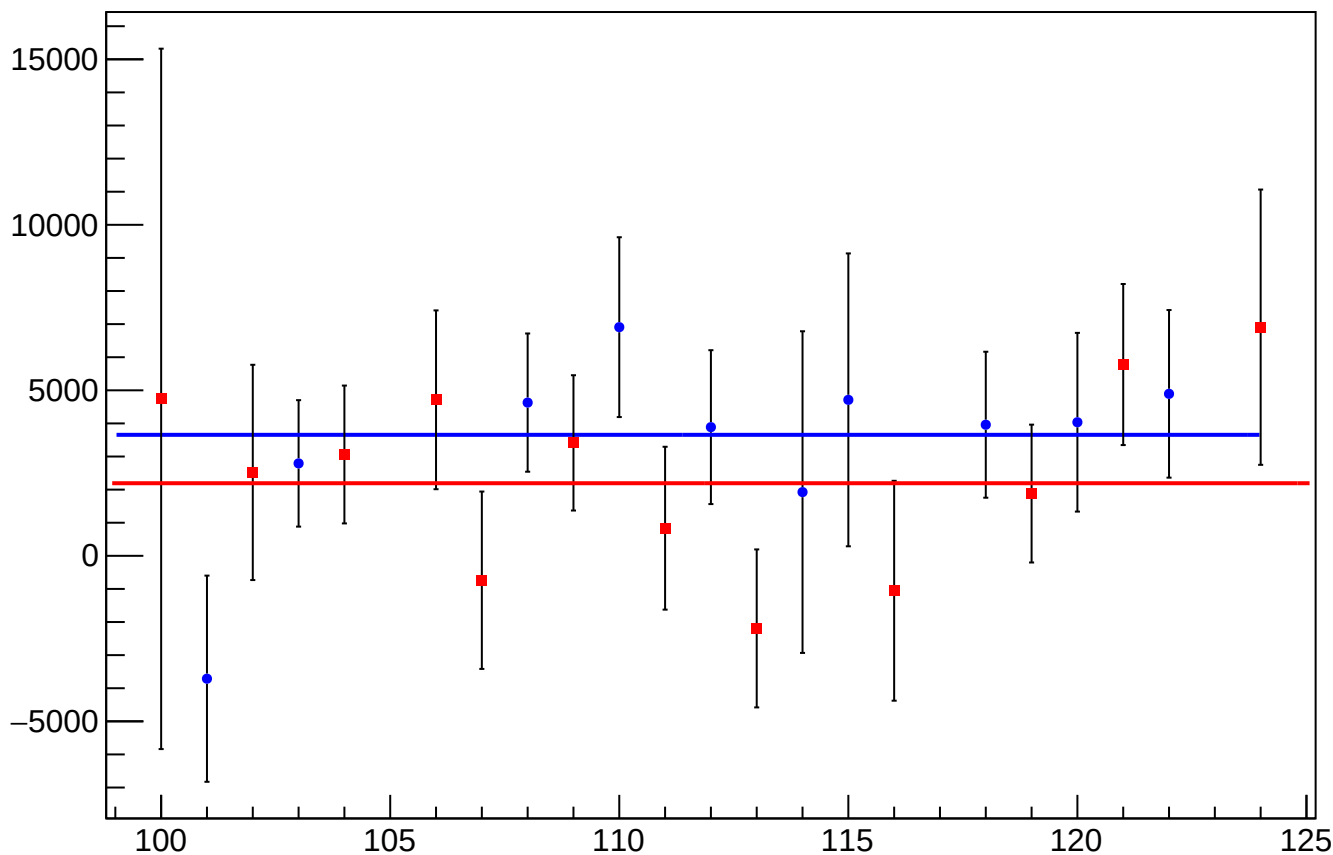
Right: 4474.821+/-1.090 χ^2/NDF : 664000.5/21

In: 4743.324+/-1.680 χ^2/NDF : 180325.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4474.821+/-1.090 χ^2/NDF : 664000.5/21

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3655.383+/-811.270 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2193.321+/-758.359 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

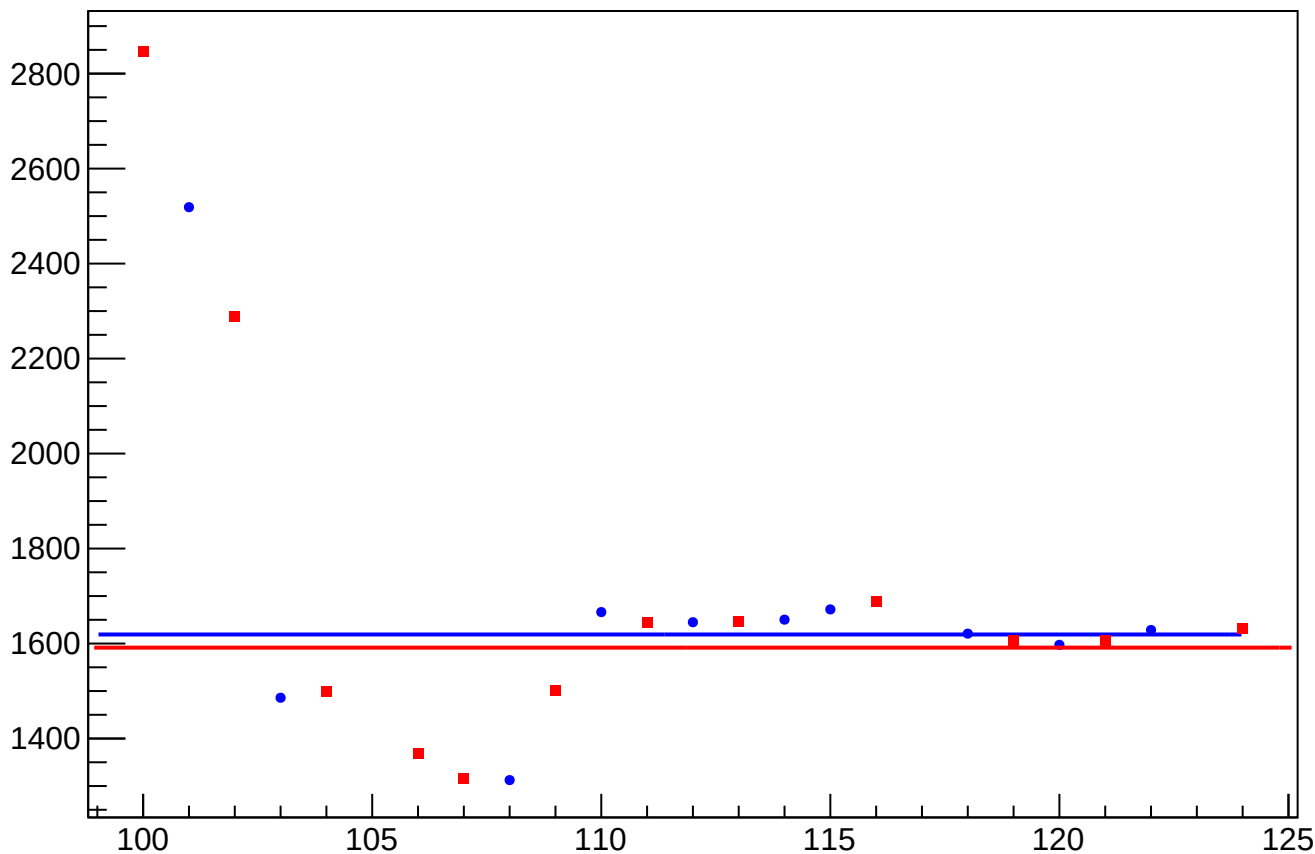
Right: 2875.122+/-554.002 χ^2/NDF : 20.4/21

In: 3655.383+/-811.270 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2875.122+/-554.002 χ^2/NDF : 20.4/21

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1619.079+/-0.574 χ^2/NDF : 221110.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1591.392+/-0.536 χ^2/NDF : 167127.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

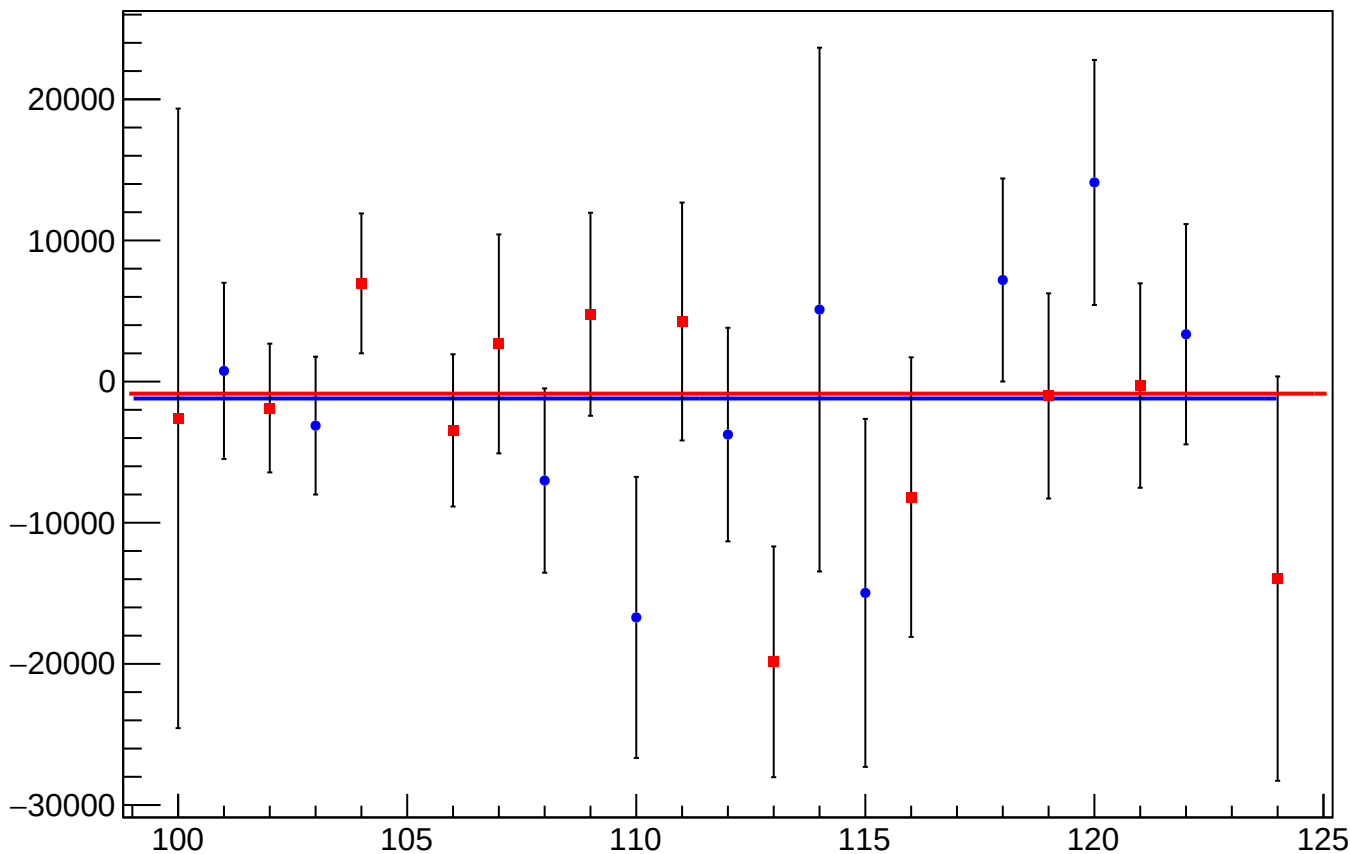
Right: 1604.284+/-0.391 χ^2/NDF : 389483.0/21

In: 1619.079+/-0.574 χ^2/NDF : 221110.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.284+/-0.391 χ^2/NDF : 389483.0/21

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1197.653+/-2375.959 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -853.343+/-2027.111 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

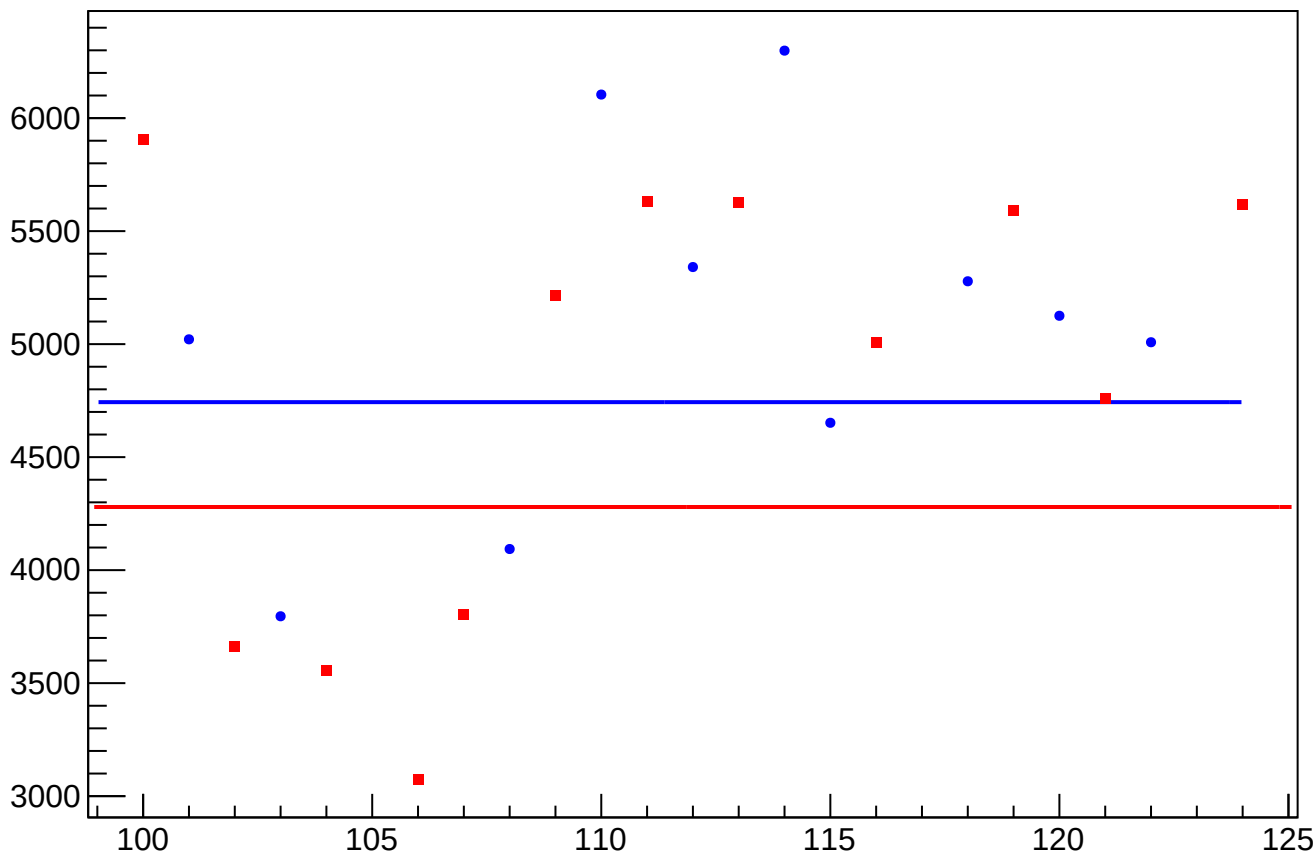
Right: -998.389+/-1542.116 χ^2/NDF : 20.5/21

In: -1197.653+/-2375.959 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -998.389+/-1542.116 χ^2/NDF : 20.5/21

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4743.316+/-1.680 χ^2/NDF : 180321.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4279.368+/-1.433 χ^2/NDF : 439538.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

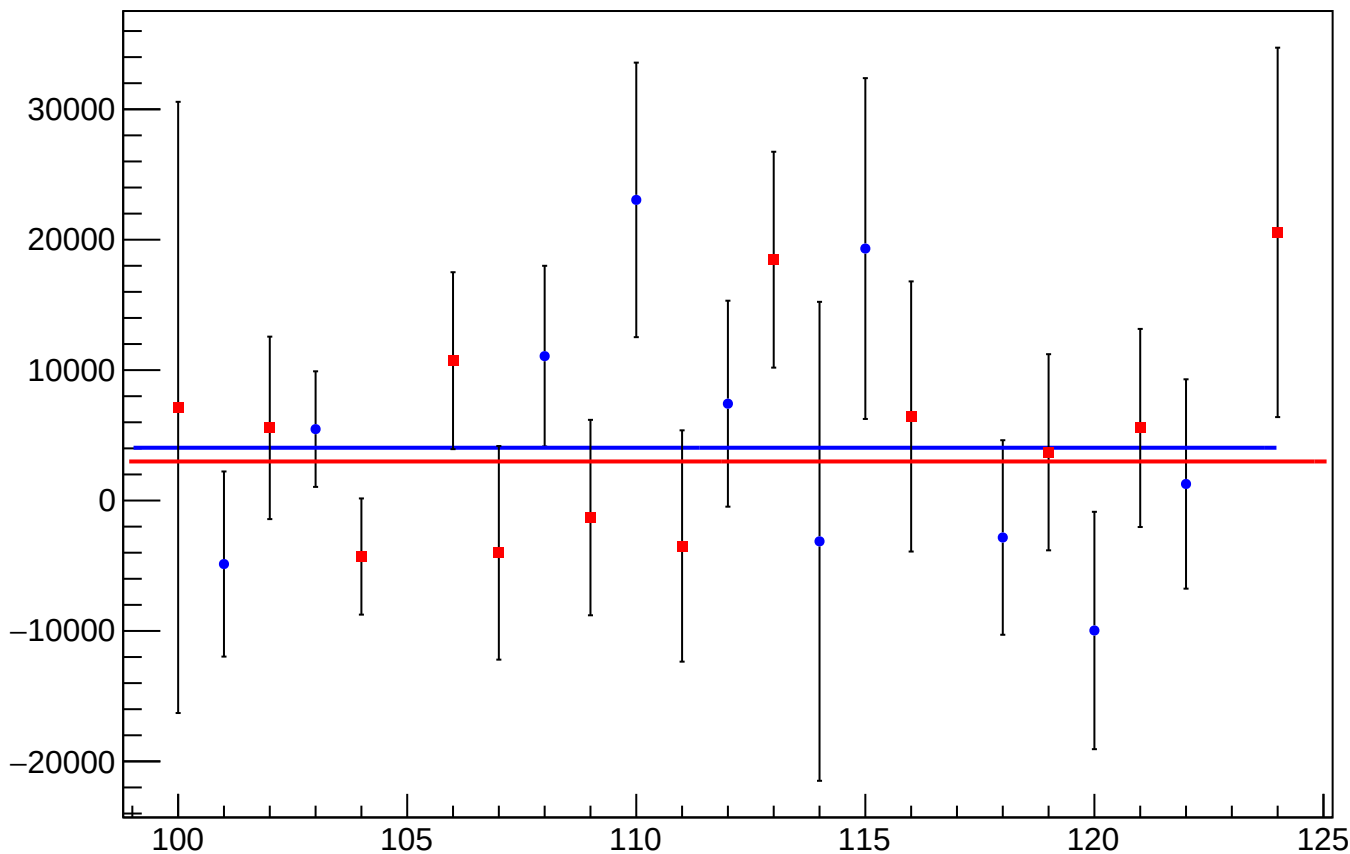
Right: 4474.813+/-1.090 χ^2/NDF : 663993.9/21

In: 4743.316+/-1.680 χ^2/NDF : 180321.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4474.813+/-1.090 χ^2/NDF : 663993.9/21

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 4048.046+/-2417.832 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2995.322+/-2215.456 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

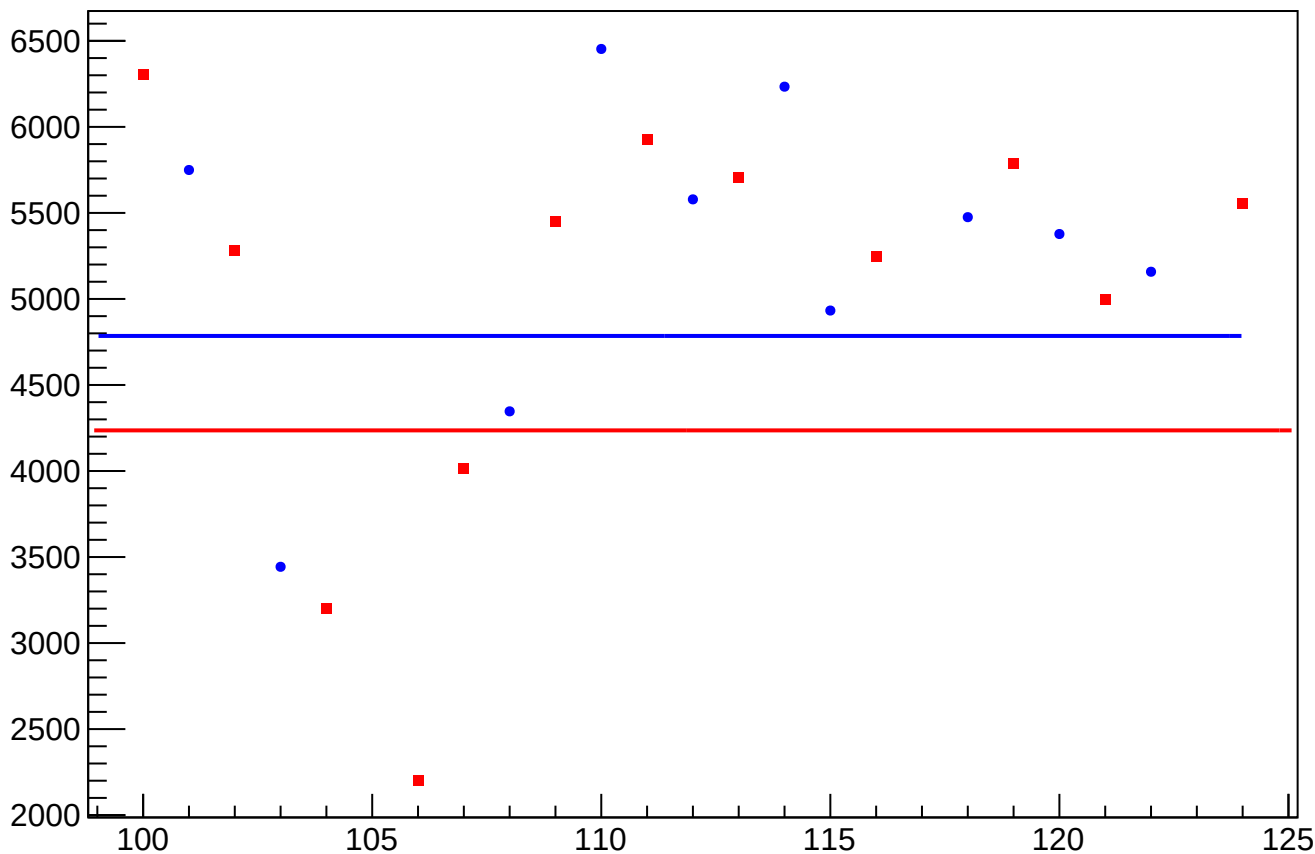
Right: 3475.790+/-1633.432 χ^2/NDF : 22.1/21

In: 4048.046+/-2417.832 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3475.790+/-1633.432 χ^2/NDF : 22.1/21

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4785.004+/-1.710 χ^2/NDF : 341320.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4236.089+/-1.485 χ^2/NDF : 869482.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

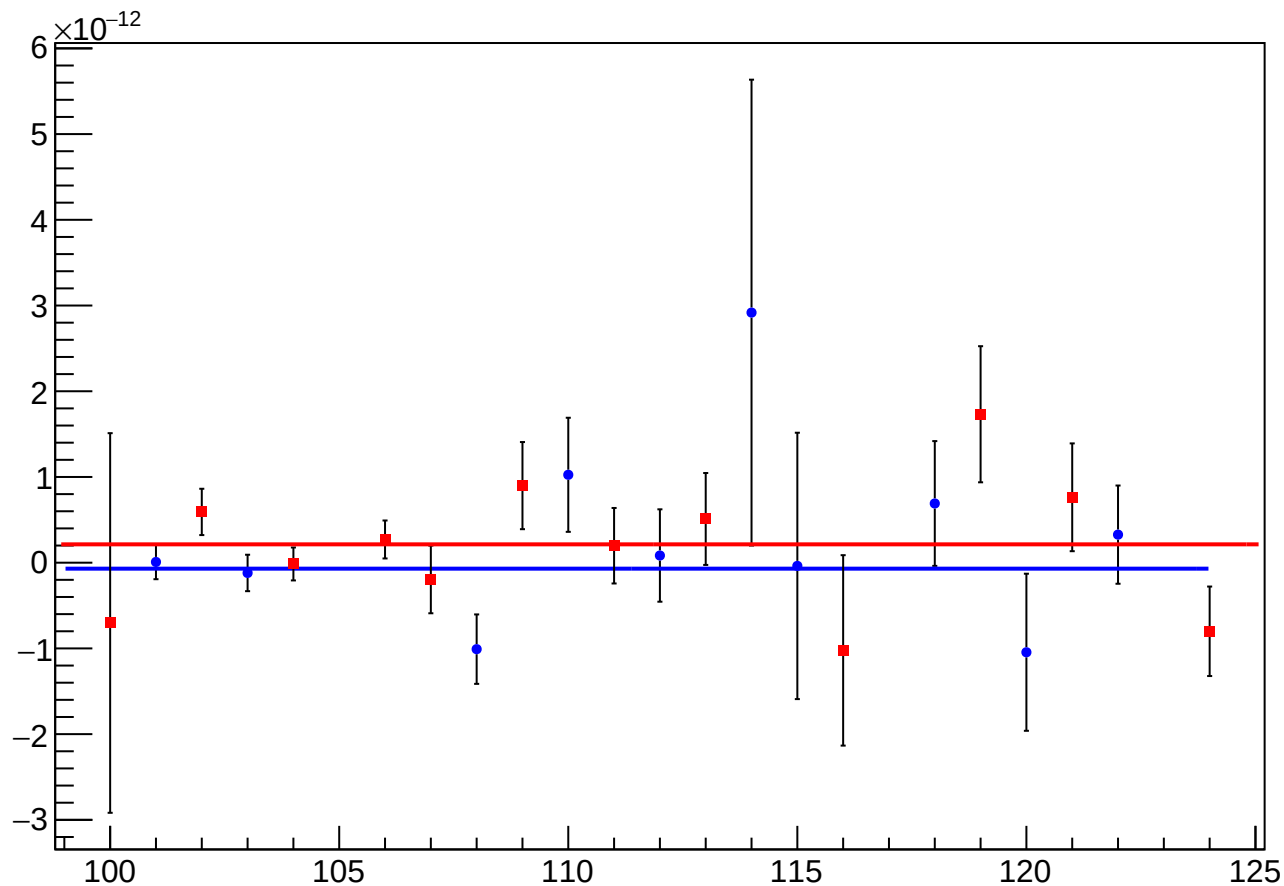
Right: 4472.178+/-1.121 χ^2/NDF : 1269549.8/21

In: 4785.004+/-1.710 χ^2/NDF : 341320.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4472.178+/-1.121 χ^2/NDF : 1269549.8/21

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

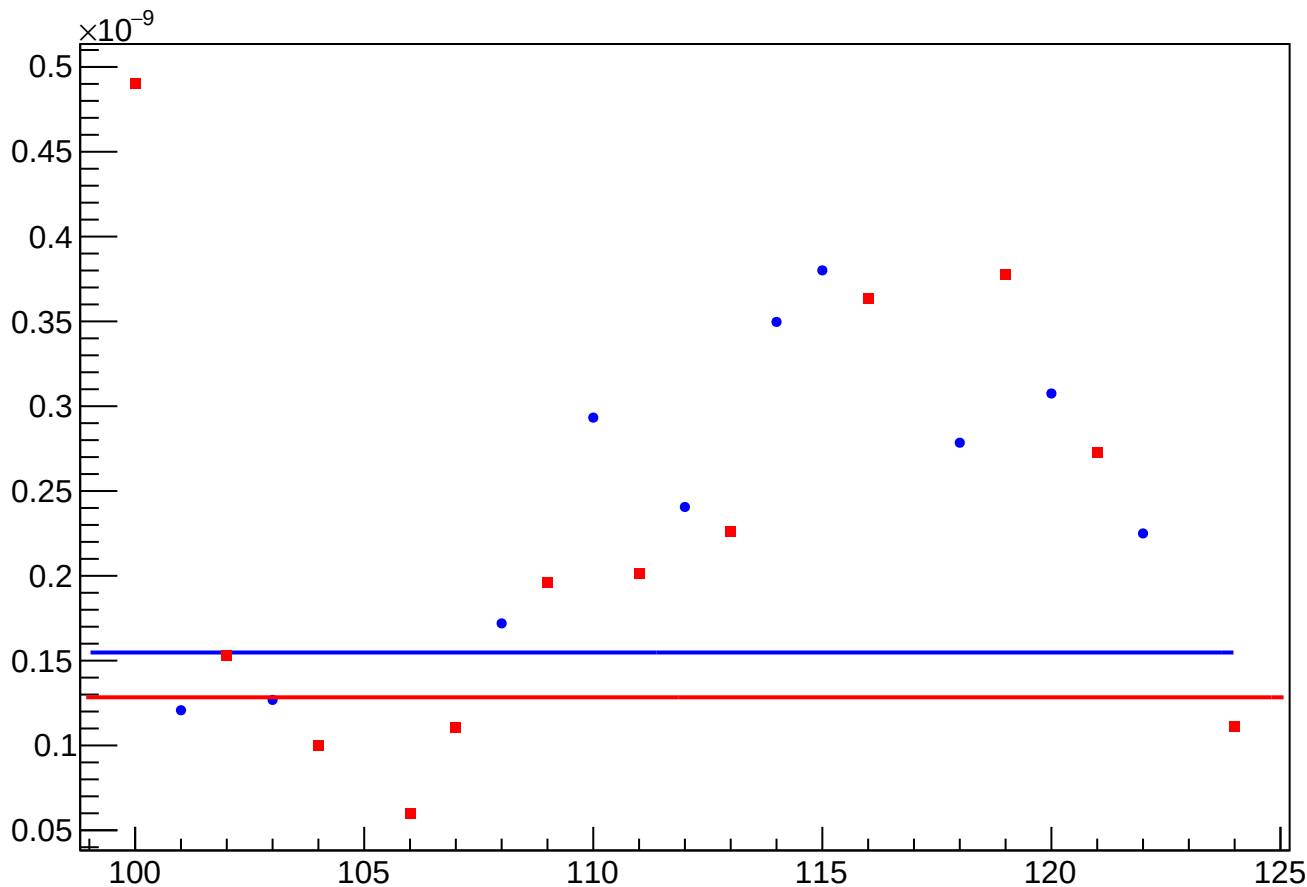
Right: 0.000+/-0.000 χ^2/NDF : 31.6/21

In: -0.000+/-0.000 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.6/21

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 428573.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 861592.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

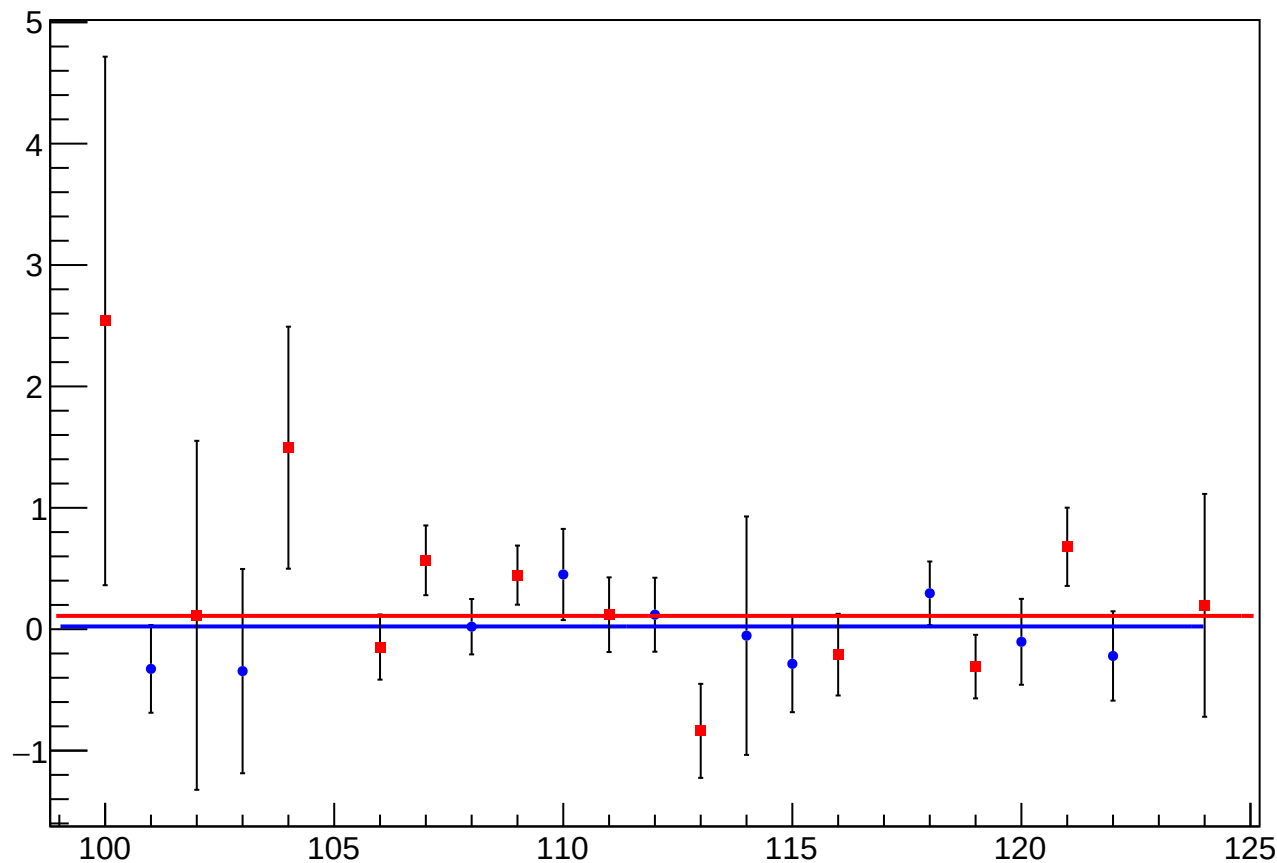
Right: 0.000+/-0.000 χ^2/NDF : 1342736.8/21

In: 0.000+/-0.000 χ^2/NDF : 428573.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1342736.8/21

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.110+/-0.102 χ^2/NDF : 21.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

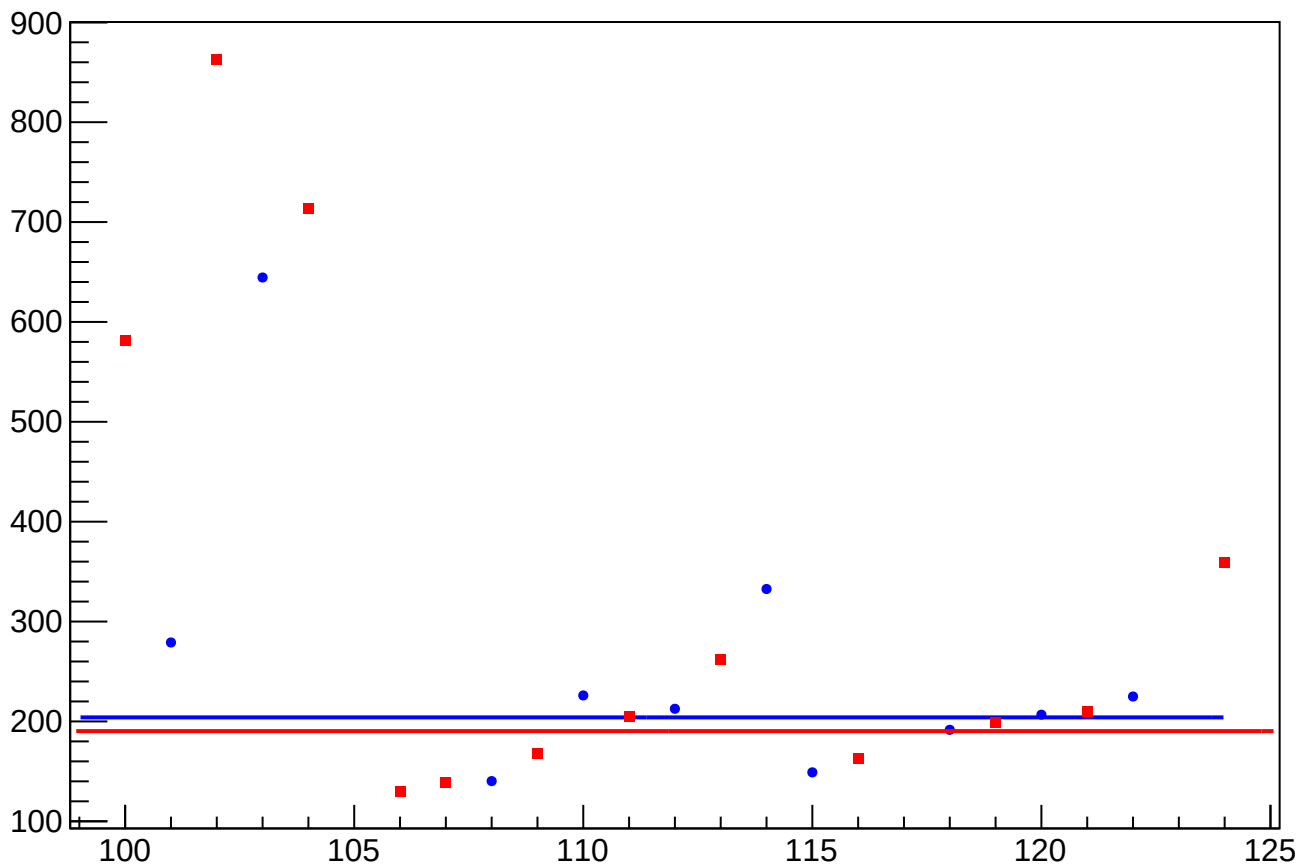
Right: 0.069+/-0.075 χ^2/NDF : 26.2/21

In: 0.023+/-0.109 χ^2/NDF :4.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.069+/-0.075 χ^2/NDF : 26.2/21

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.047+/-0.077 χ^2/NDF : 882405.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.309+/-0.072 χ^2/NDF : 1397653.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

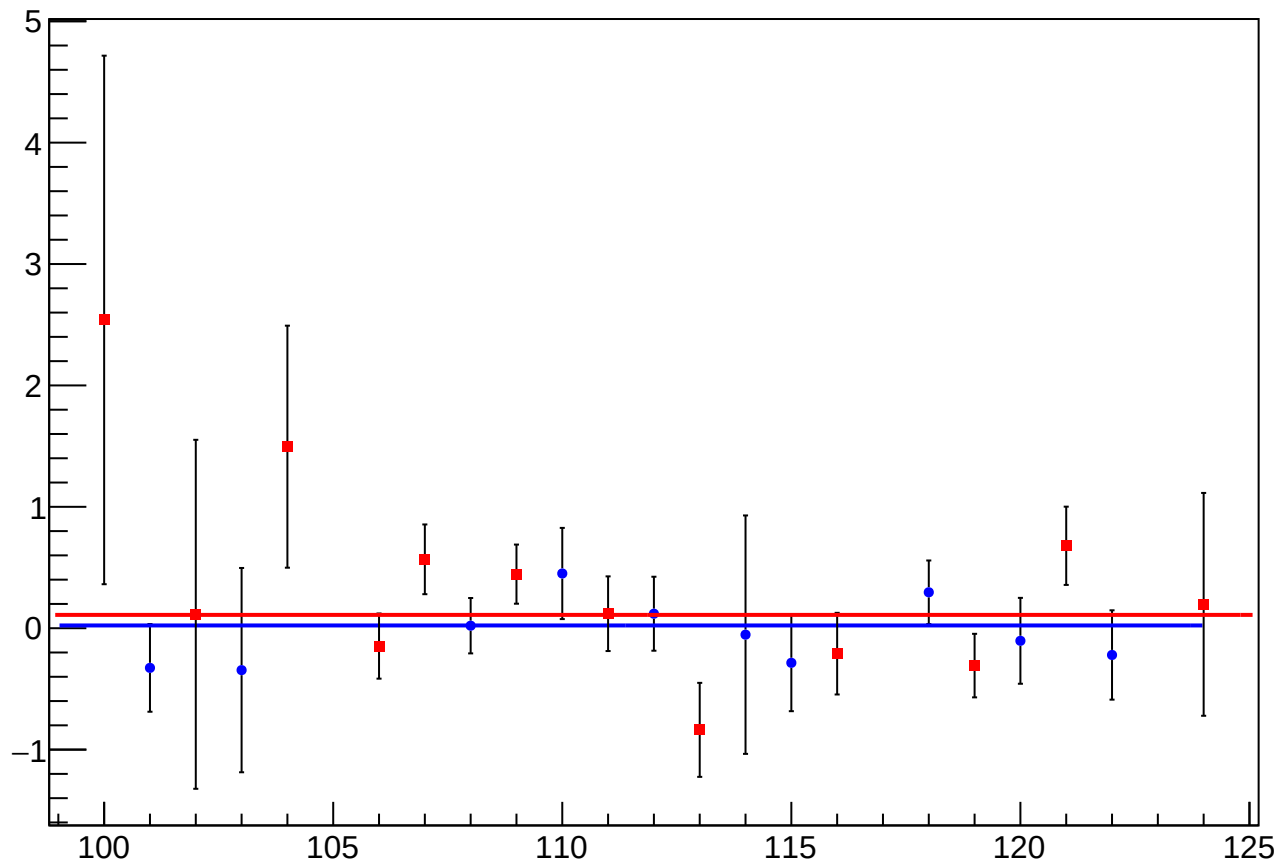
Right: 196.696+/-0.053 χ^2/NDF : 2296913.3/21

In: 204.047+/-0.077 χ^2/NDF : 882405.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.696+/-0.053 χ^2/NDF : 2296913.3/21

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.110+/-0.102 χ^2/NDF : 21.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

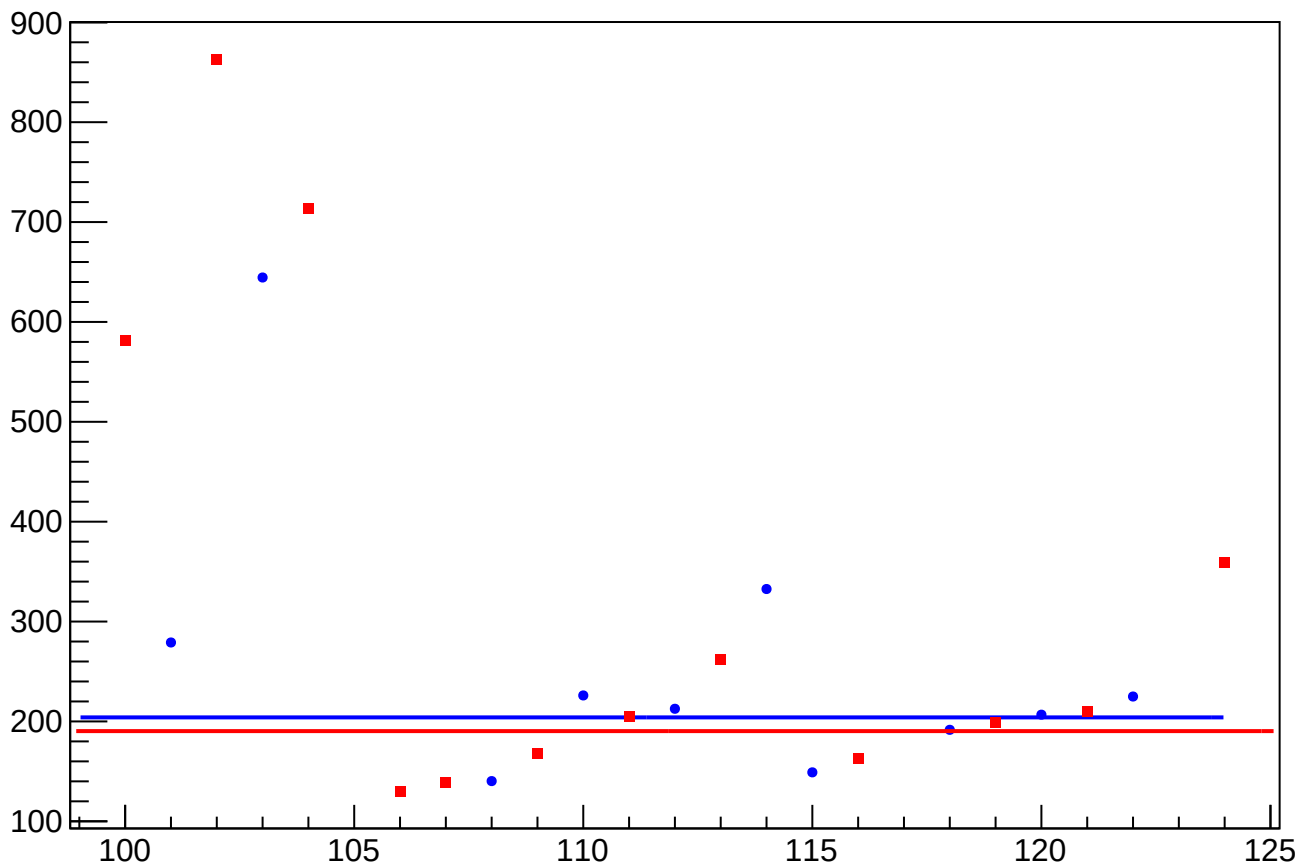
Right: 0.069+/-0.075 χ^2/NDF : 26.2/21

In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.075 χ^2/NDF : 26.2/21

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.047+/-0.077 χ^2/NDF : 882405.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.309+/-0.072 χ^2/NDF : 1397653.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

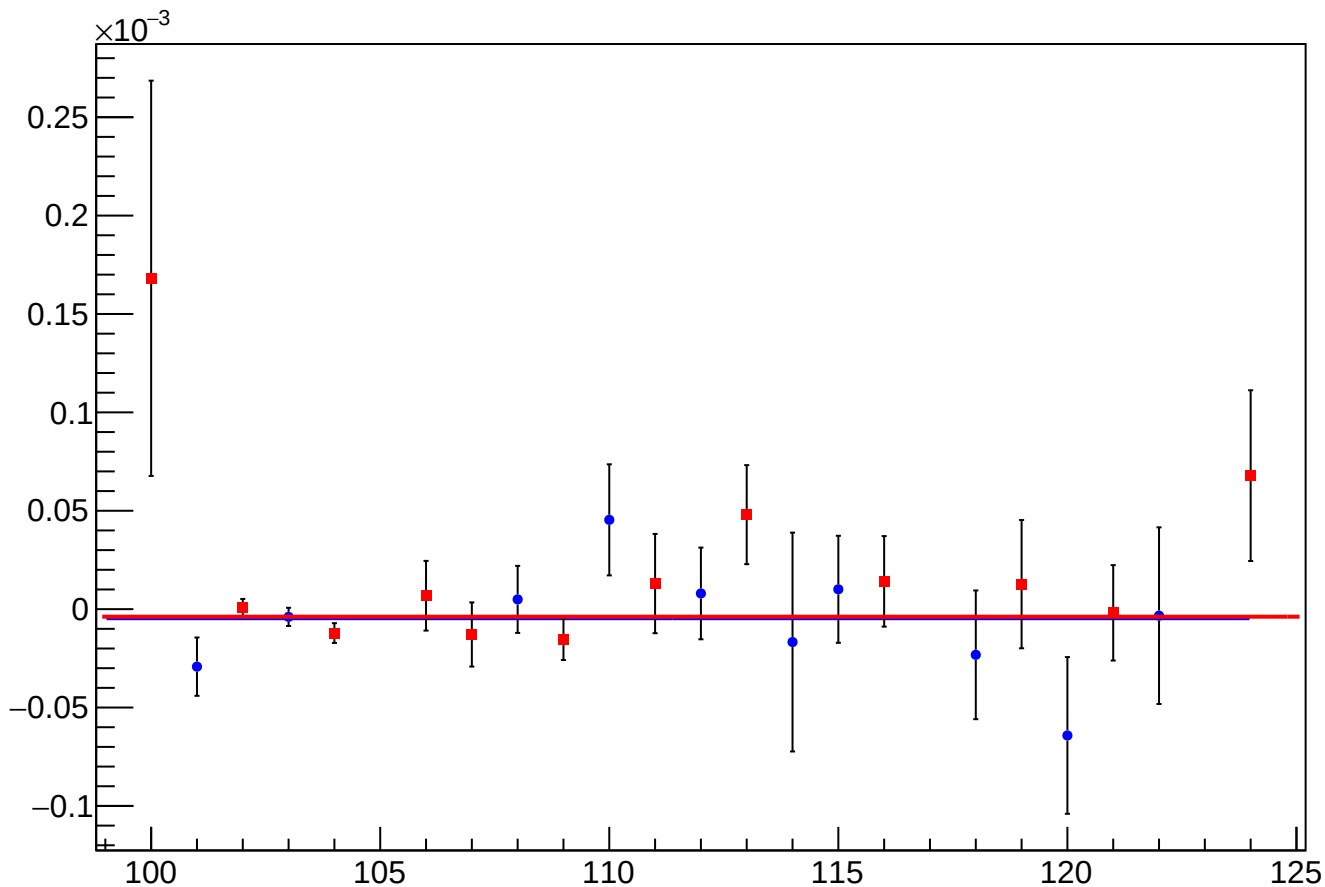
Right: 196.696+/-0.053 χ^2/NDF : 2296913.3/21

In: 204.047+/-0.077 χ^2/NDF : 882405.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.696+/-0.053 χ^2/NDF : 2296913.3/21

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

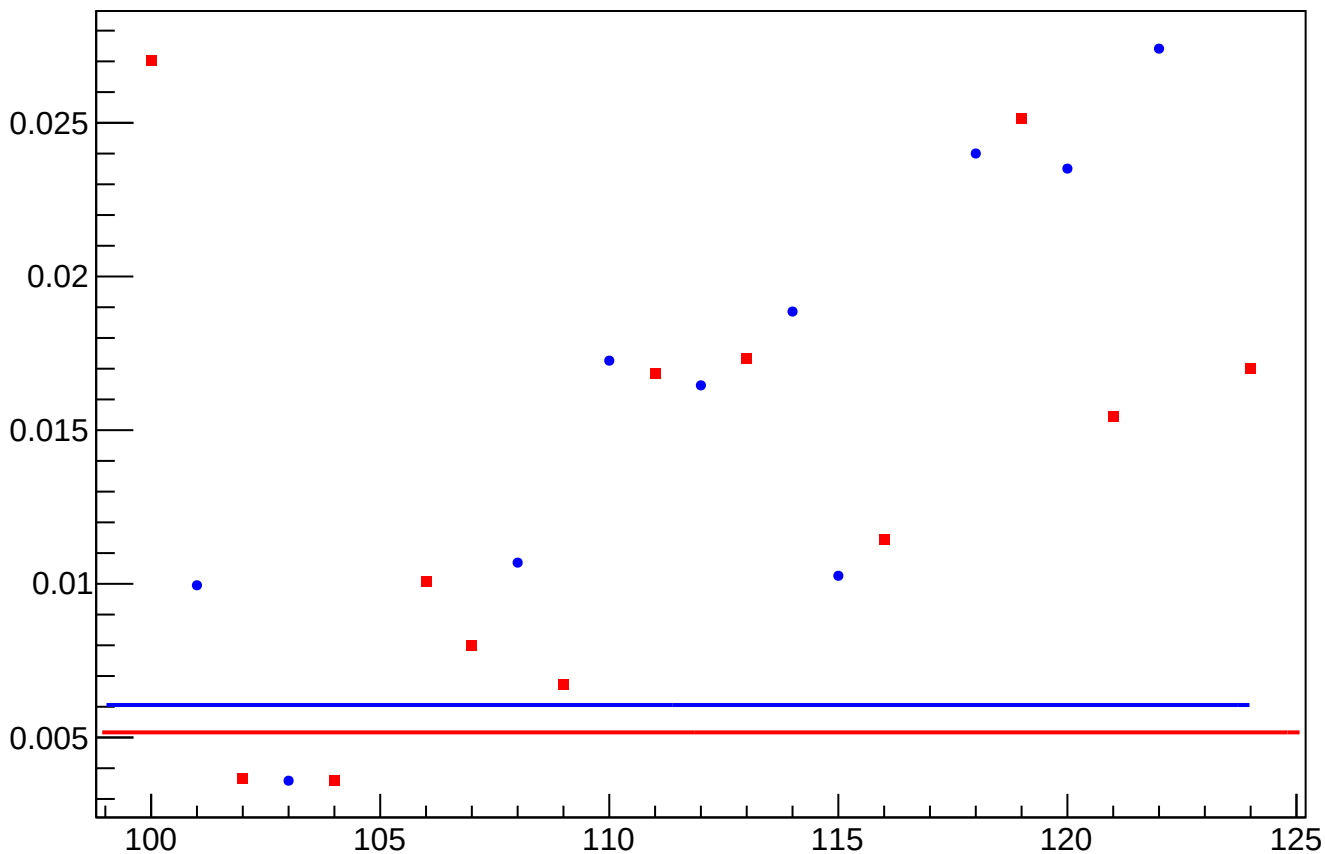
Right: -0.000+/-0.000 χ^2/NDF : 26.3/21

In: -0.000+/-0.000 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.3/21

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 3159767.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3067049.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

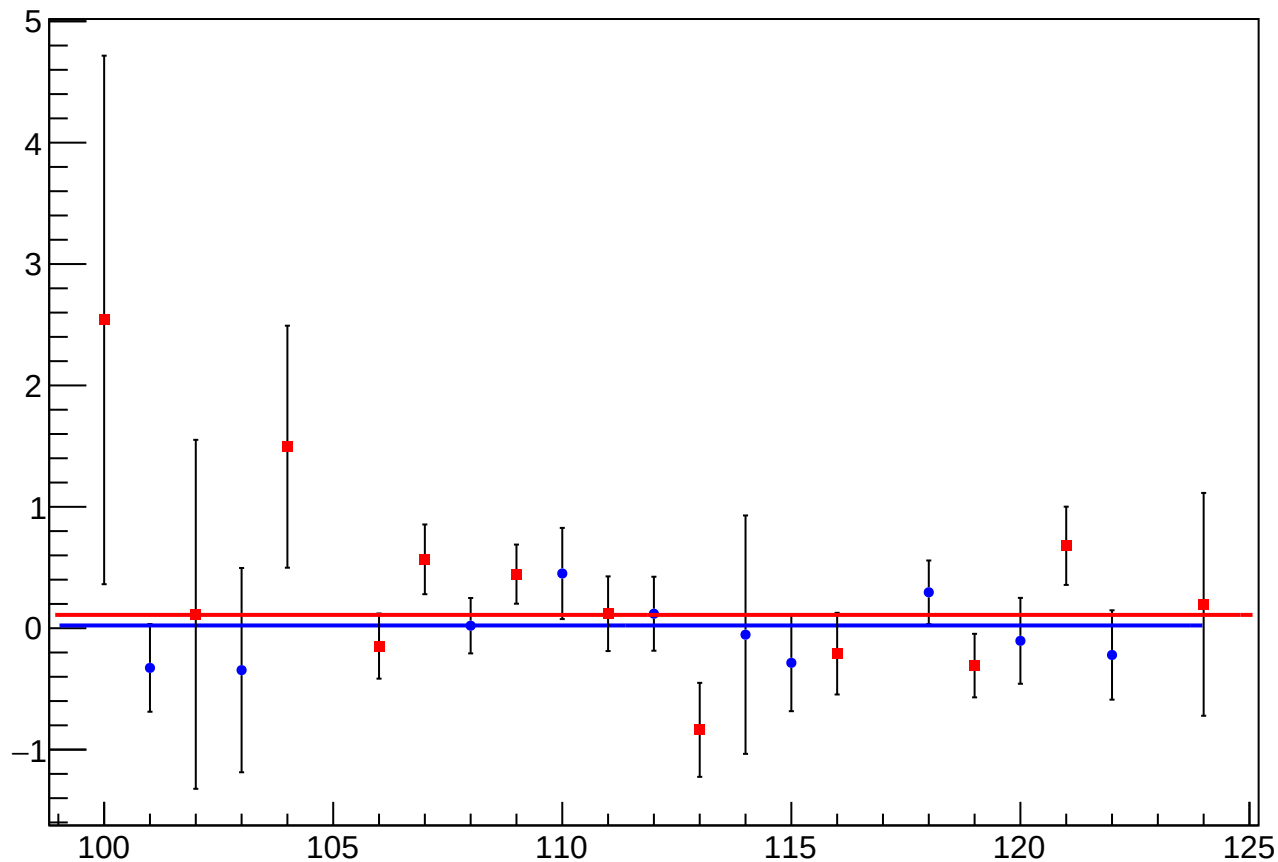
Right: 0.005+/-0.000 χ^2/NDF : 6289958.8/21

In: 0.006+/-0.000 χ^2/NDF :3159767.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 6289958.8/21

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.110+/-0.102 χ^2/NDF : 21.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

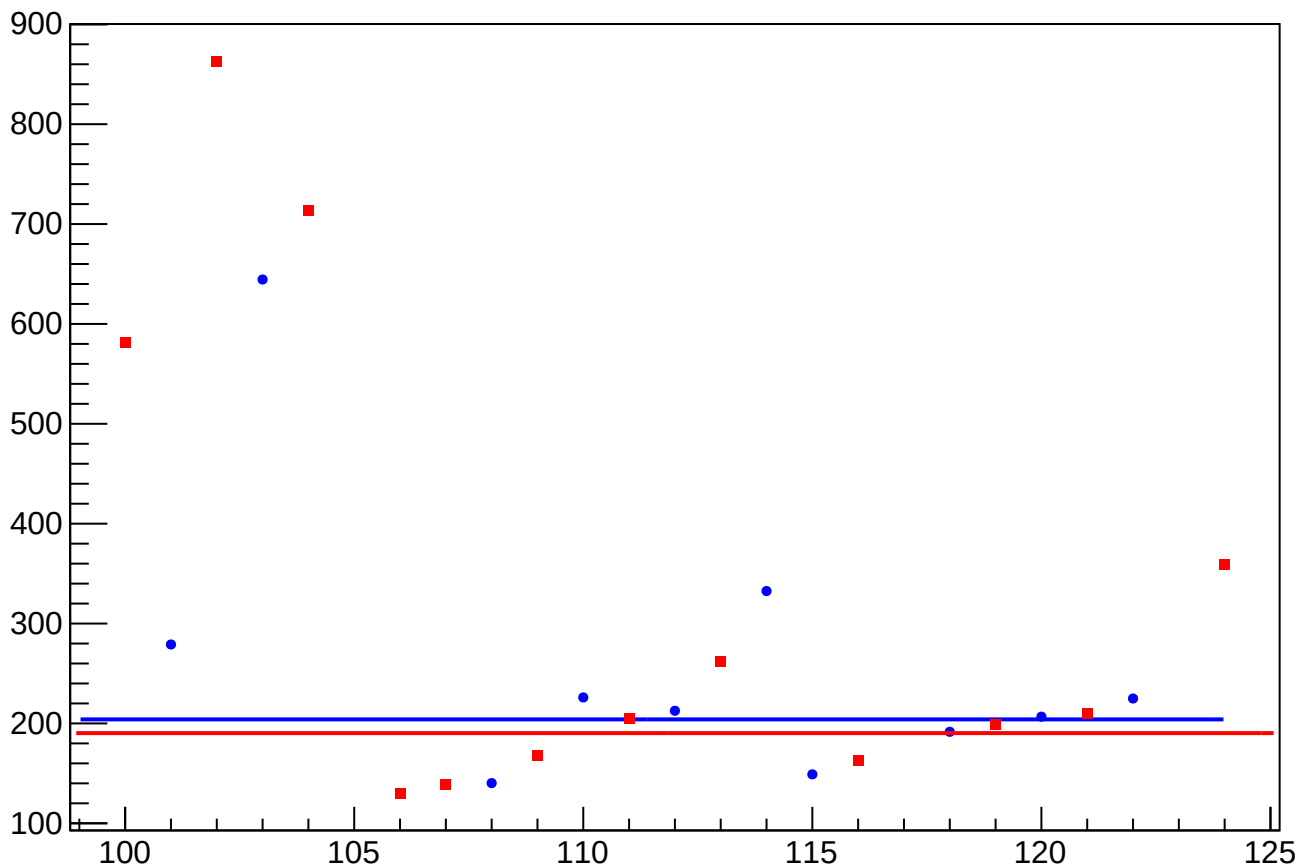
Right: 0.069+/-0.075 χ^2/NDF : 26.2/21

In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.075 χ^2/NDF : 26.2/21

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.046+/-0.077 χ^2/NDF : 882414.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.309+/-0.072 χ^2/NDF : 1397643.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

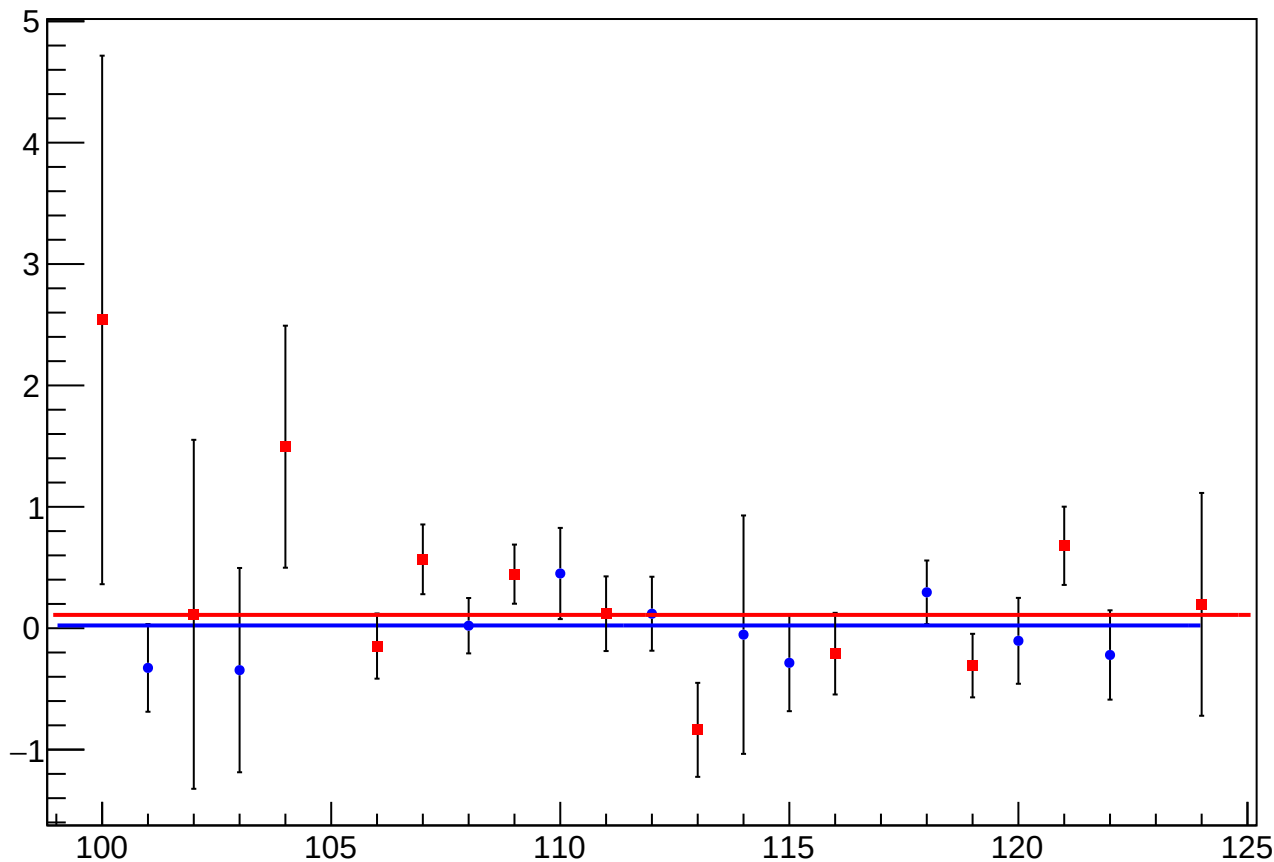
Right: 196.695+/-0.053 χ^2/NDF : 2296909.2/21

In: 204.046+/-0.077 χ^2/NDF : 882414.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.695+/-0.053 χ^2/NDF : 2296909.2/21

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.110+/-0.102 χ^2/NDF : 21.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

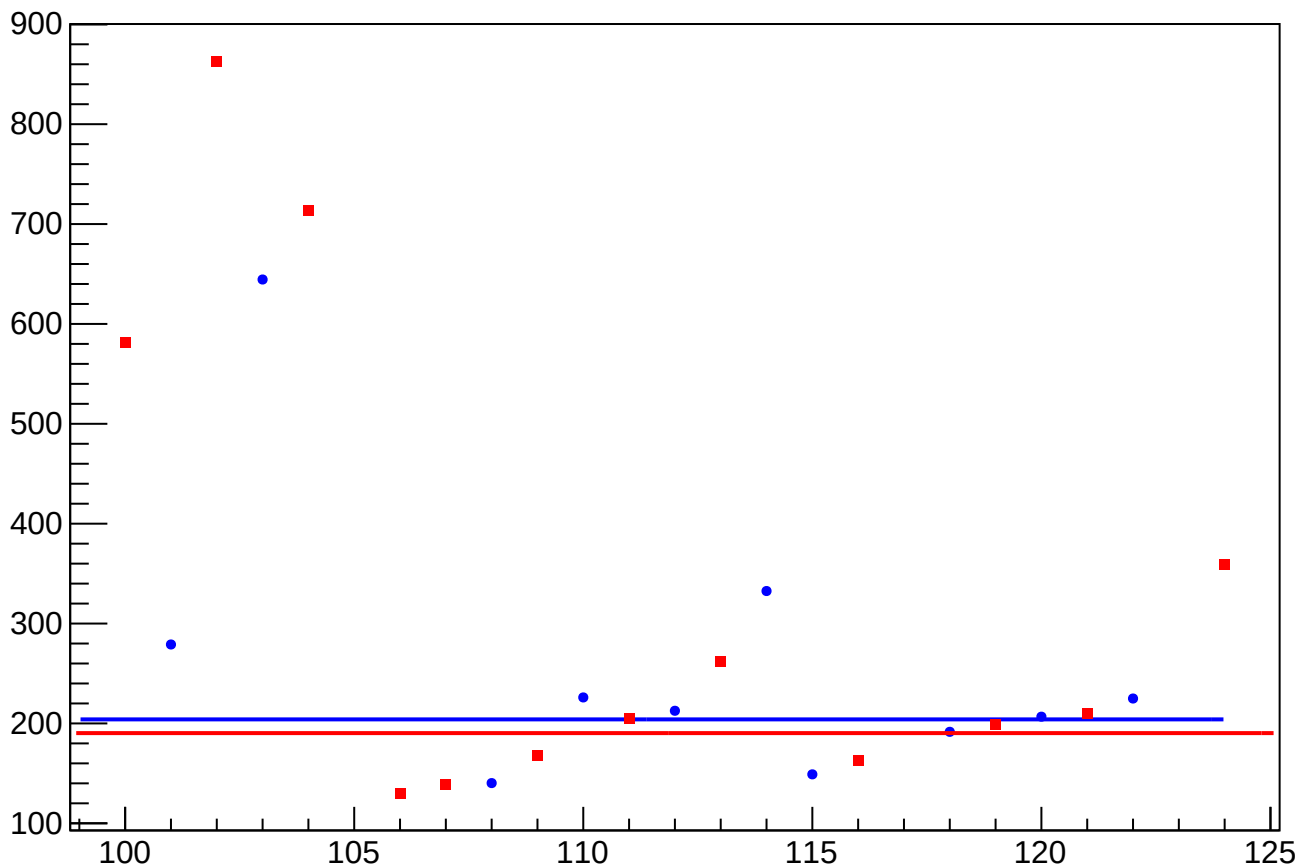
Right: 0.069+/-0.075 χ^2/NDF : 26.2/21

In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.075 χ^2/NDF : 26.2/21

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.046+/-0.077 χ^2/NDF : 882414.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.309+/-0.072 χ^2/NDF : 1397643.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

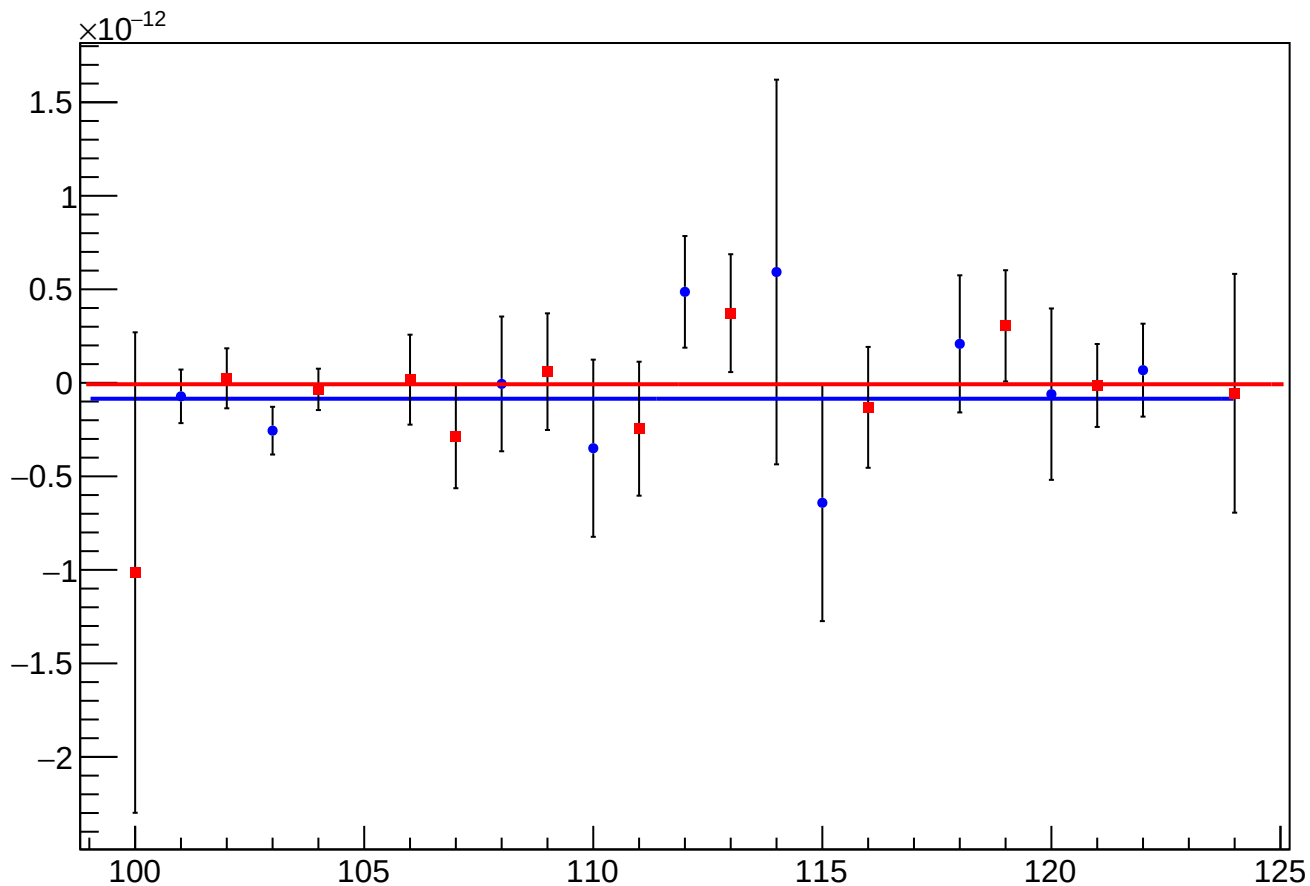
Right: 196.695+/-0.053 χ^2/NDF : 2296909.2/21

In: 204.046+/-0.077 χ^2/NDF : 882414.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.695+/-0.053 χ^2/NDF : 2296909.2/21

asym_usr_atr2_avg_eigen_cor_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 : 4.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

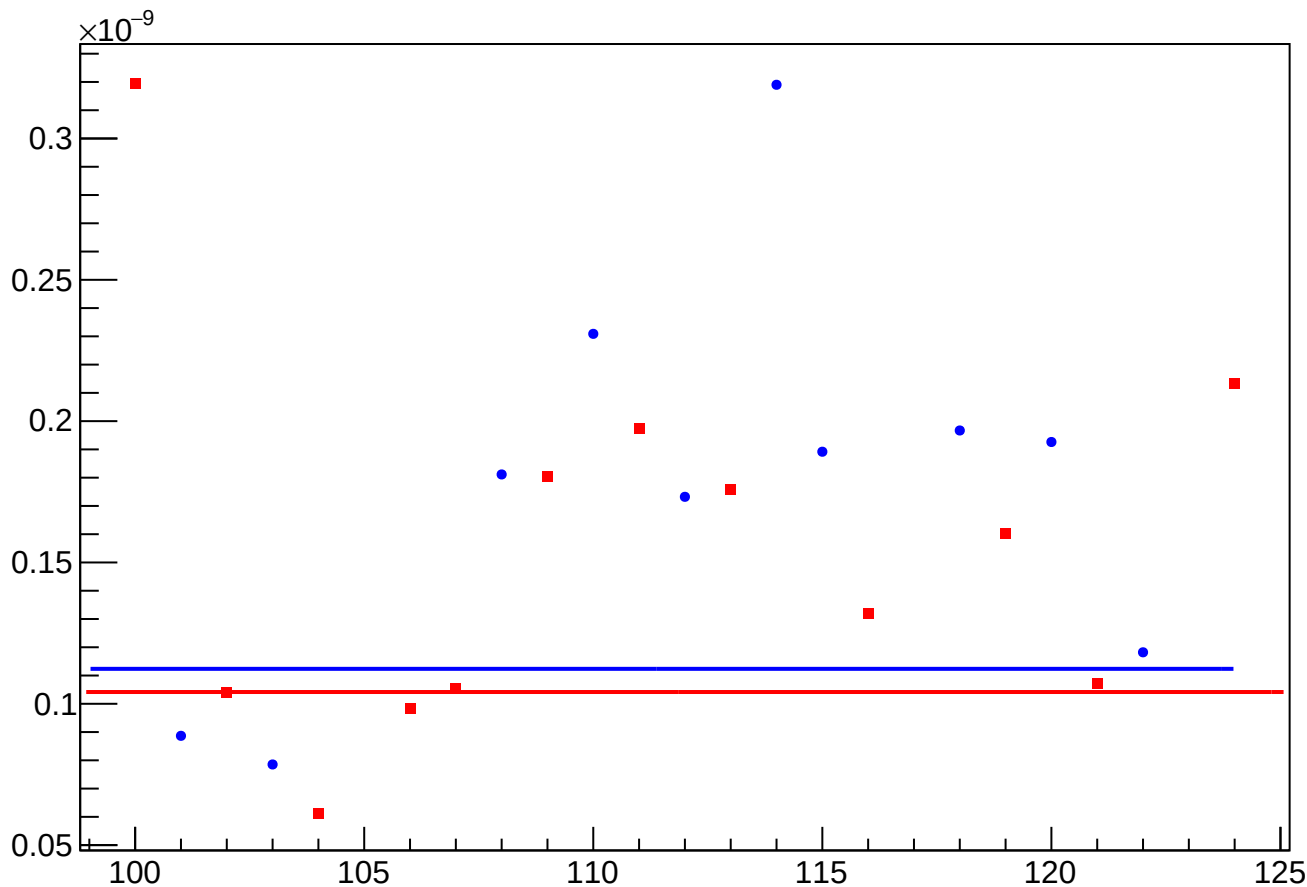
Right: -0.000+/-0.000 χ^2/NDF : 13.5/21

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 : 13.5/21

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 755342.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 864629.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

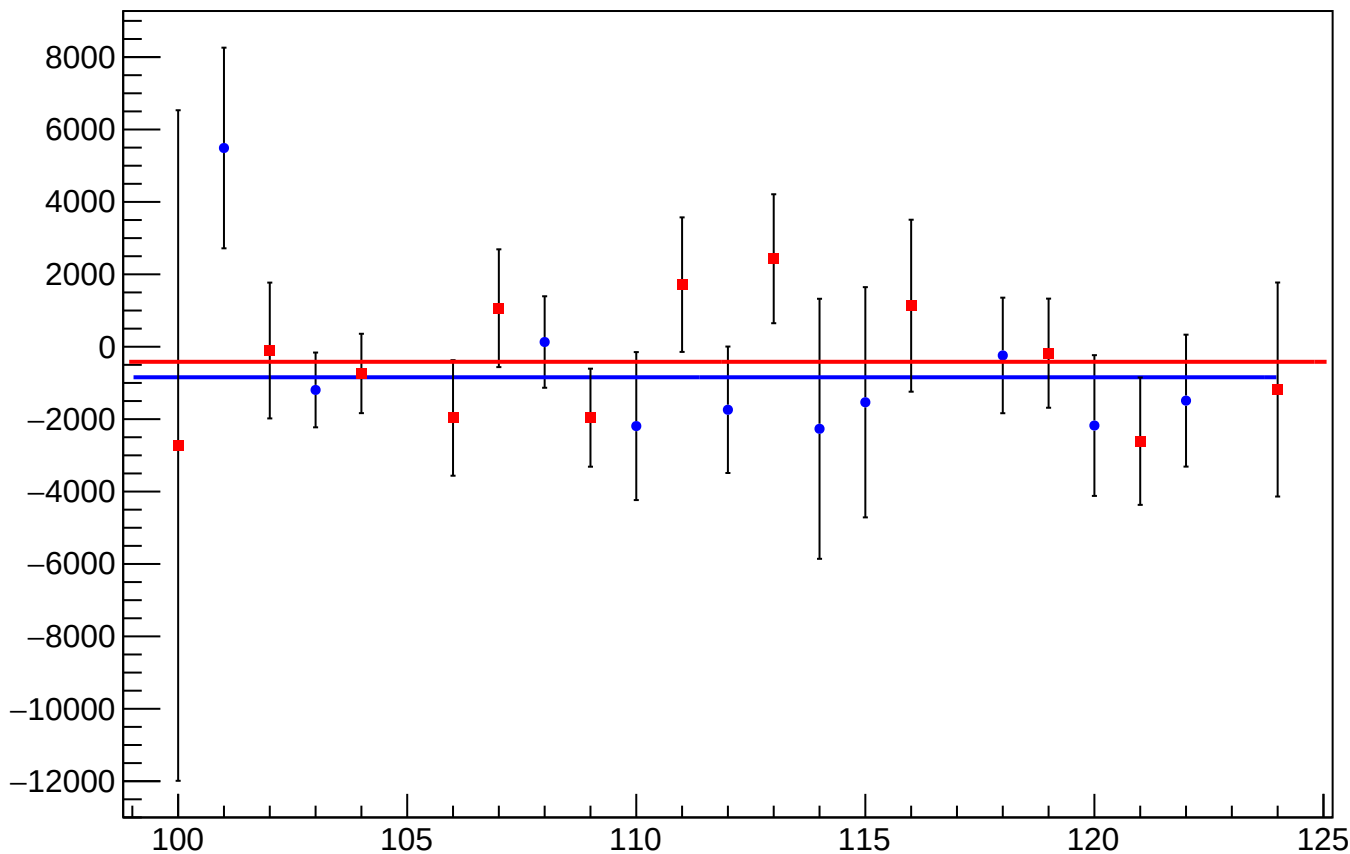
Right: 0.000+/-0.000 χ^2/NDF : 1632746.3/21

In: 0.000+/-0.000 χ^2/NDF : 755342.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1632746.3/21

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -843.270+/-542.608 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -416.109+/-493.579 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

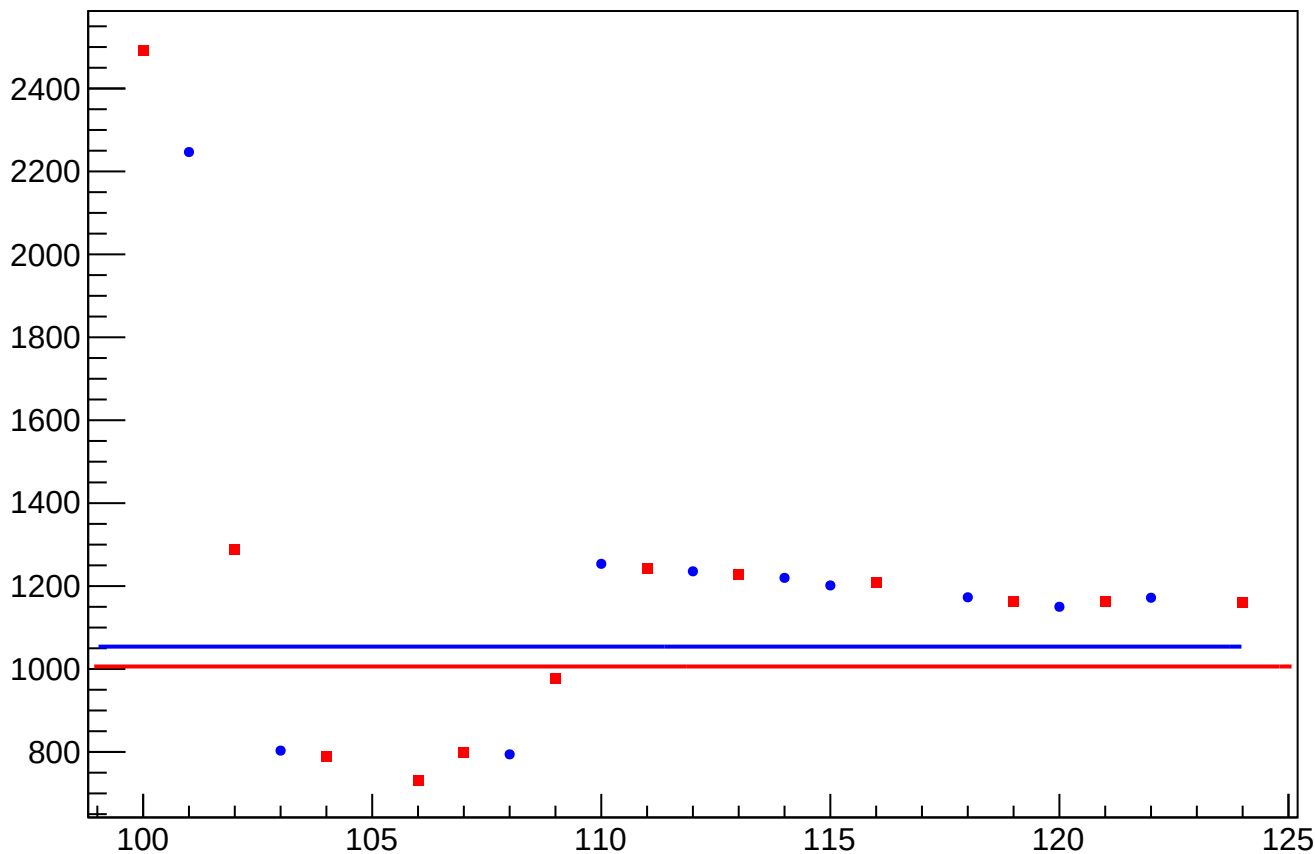
Right: -609.523+/-365.119 χ^2/NDF : 17.1/21

In: -843.270+/-542.608 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -609.523+/-365.119 χ^2/NDF : 17.1/21

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1054.025+/-0.384 χ^2/NDF : 646732.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1006.111+/-0.345 χ^2/NDF : 403333.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

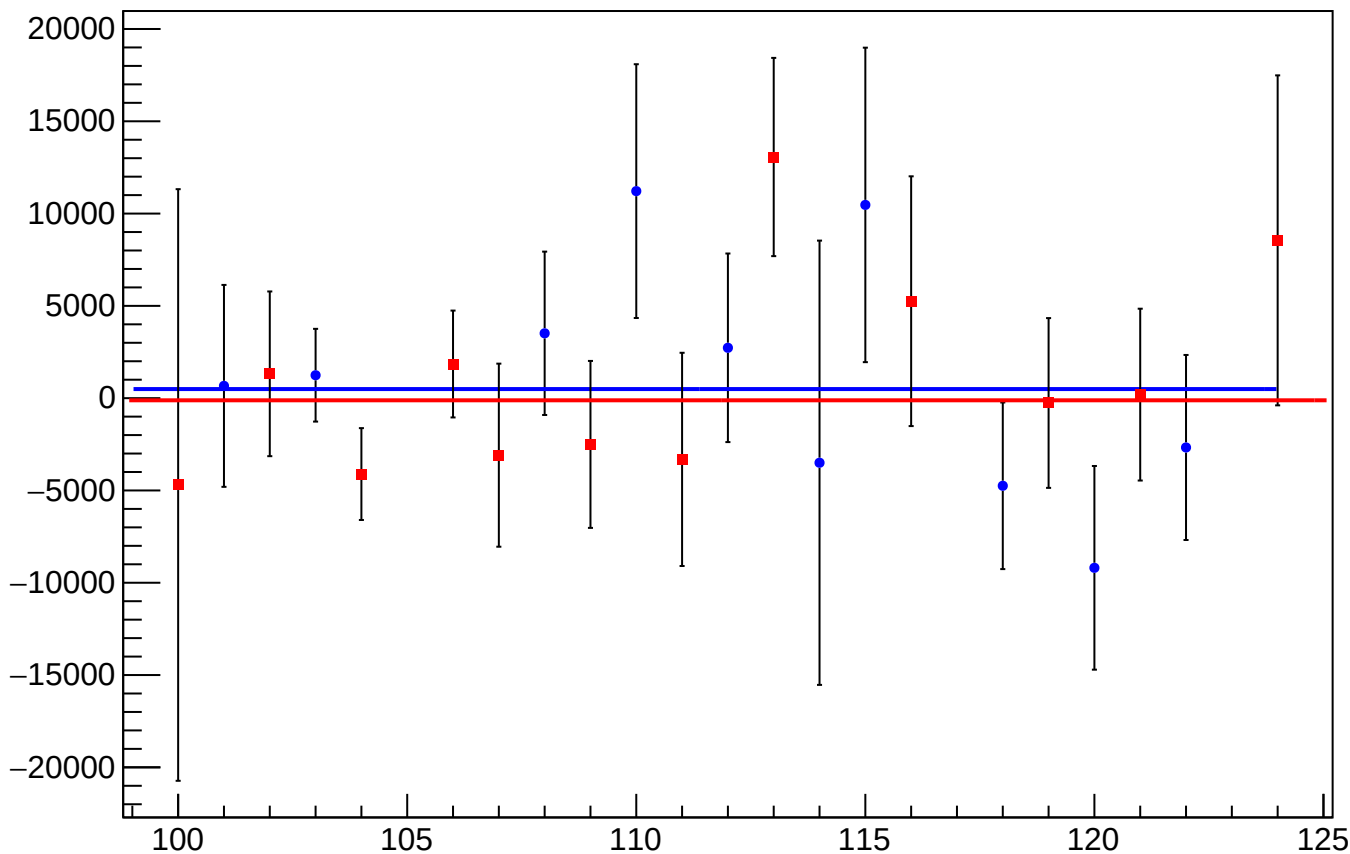
Right: 1027.523+/-0.256 χ^2/NDF : 1058691.7/21

In: 1054.025+/-0.384 χ^2/NDF :646732.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1027.523+/-0.256 χ^2/NDF : 1058691.7/21

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 492.995 $\pm$ 1499.308 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -116.047 $\pm$ 1273.032 χ^2 /NDF: 11.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

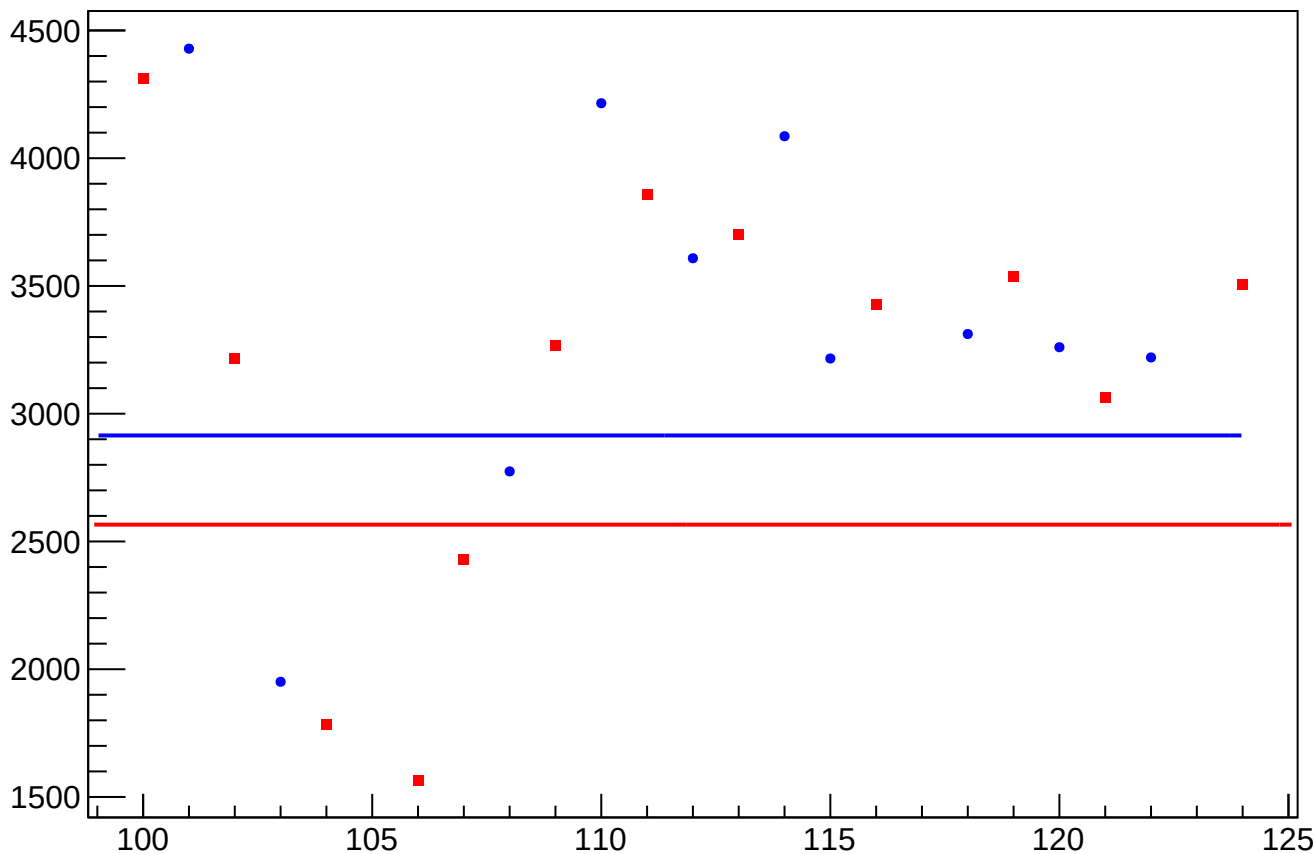
Right: 139.094 $\pm$ 970.414 χ^2 /NDF: 21.4/21

In: 492.995 $\pm$ 1499.308 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 139.094 $\pm$ 970.414 χ^2 /NDF: 21.4/21

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2914.909+/-1.060 χ^2/NDF : 610273.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2565.880+/-0.900 χ^2/NDF : 908265.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

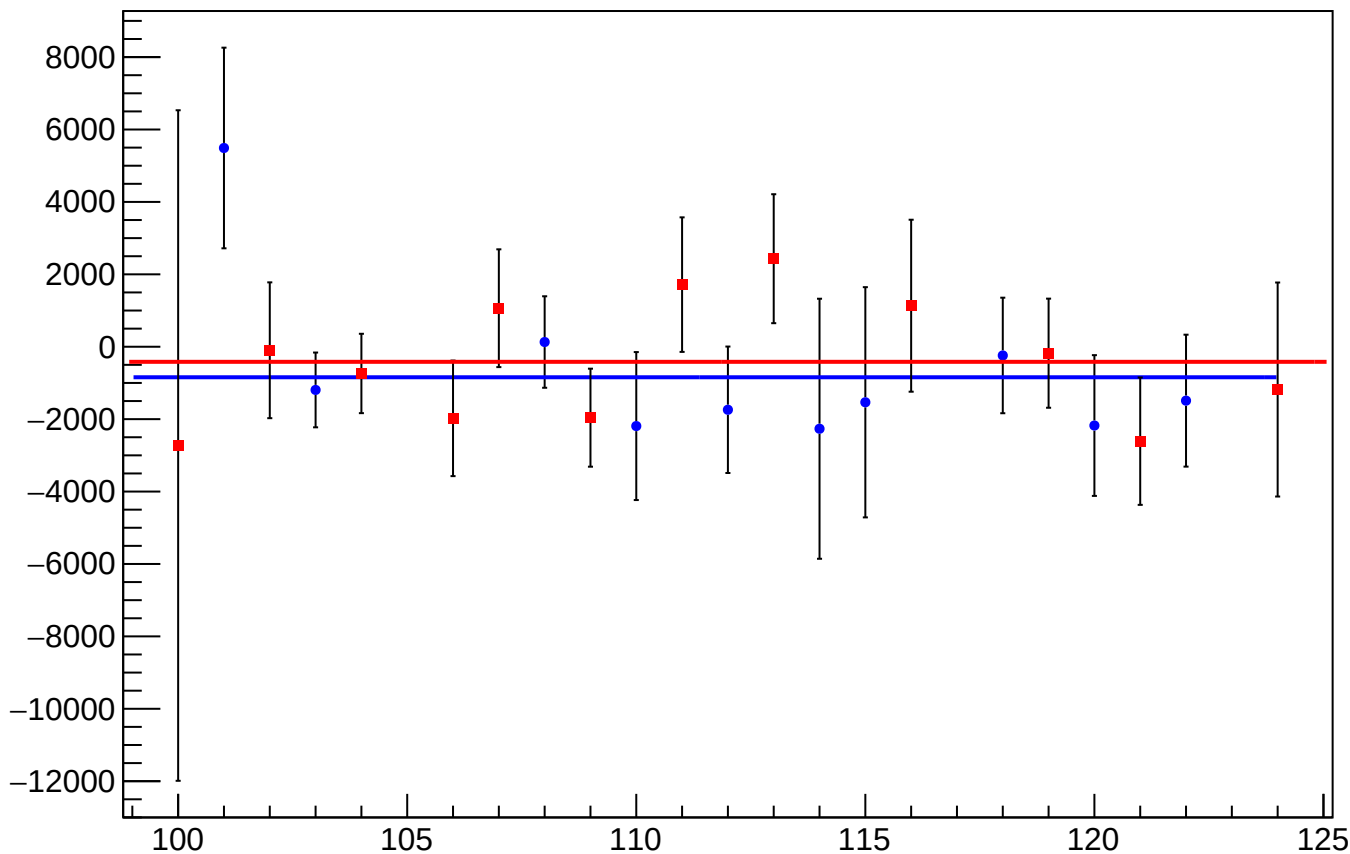
Right: 2712.096+/-0.686 χ^2/NDF : 1581520.0/21

In: 2914.909+/-1.060 χ^2/NDF : 610273.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2712.096+/-0.686 χ^2/NDF : 1581520.0/21

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -843.201+/-542.608 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -416.549+/-493.586 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

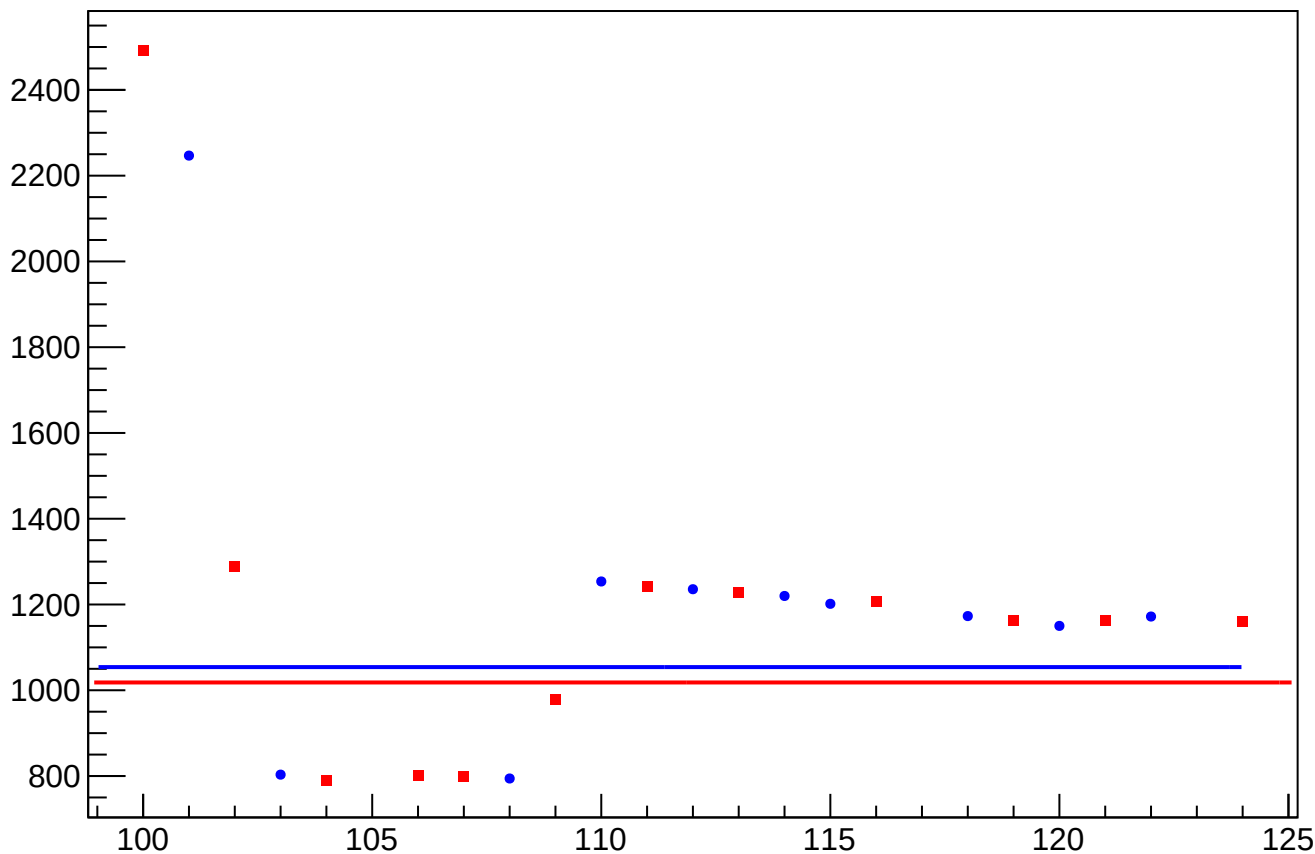
Right: -609.735+/-365.122 χ^2/NDF : 17.1/21

In: -843.201+/-542.608 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -609.735+/-365.122 χ^2/NDF : 17.1/21

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1054.026+/-0.384 χ^2/NDF : 646729.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1018.178+/-0.348 χ^2/NDF : 362920.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

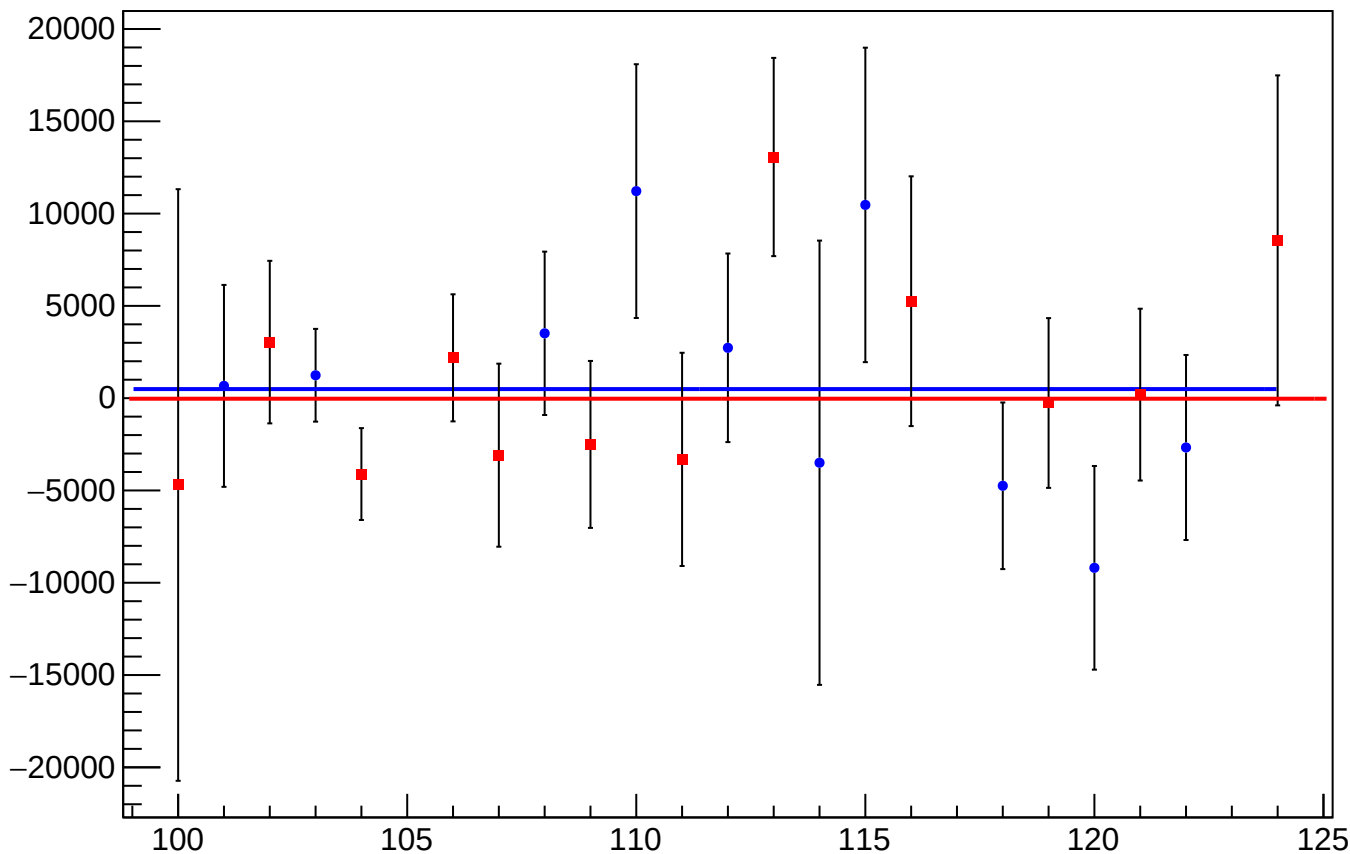
Right: 1034.360+/-0.258 χ^2/NDF : 1014439.3/21

In: 1054.026+/-0.384 χ^2/NDF : 646729.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.360+/-0.258 χ^2/NDF : 1014439.3/21

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 492.136+/-1499.398 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.026+/-1309.211 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

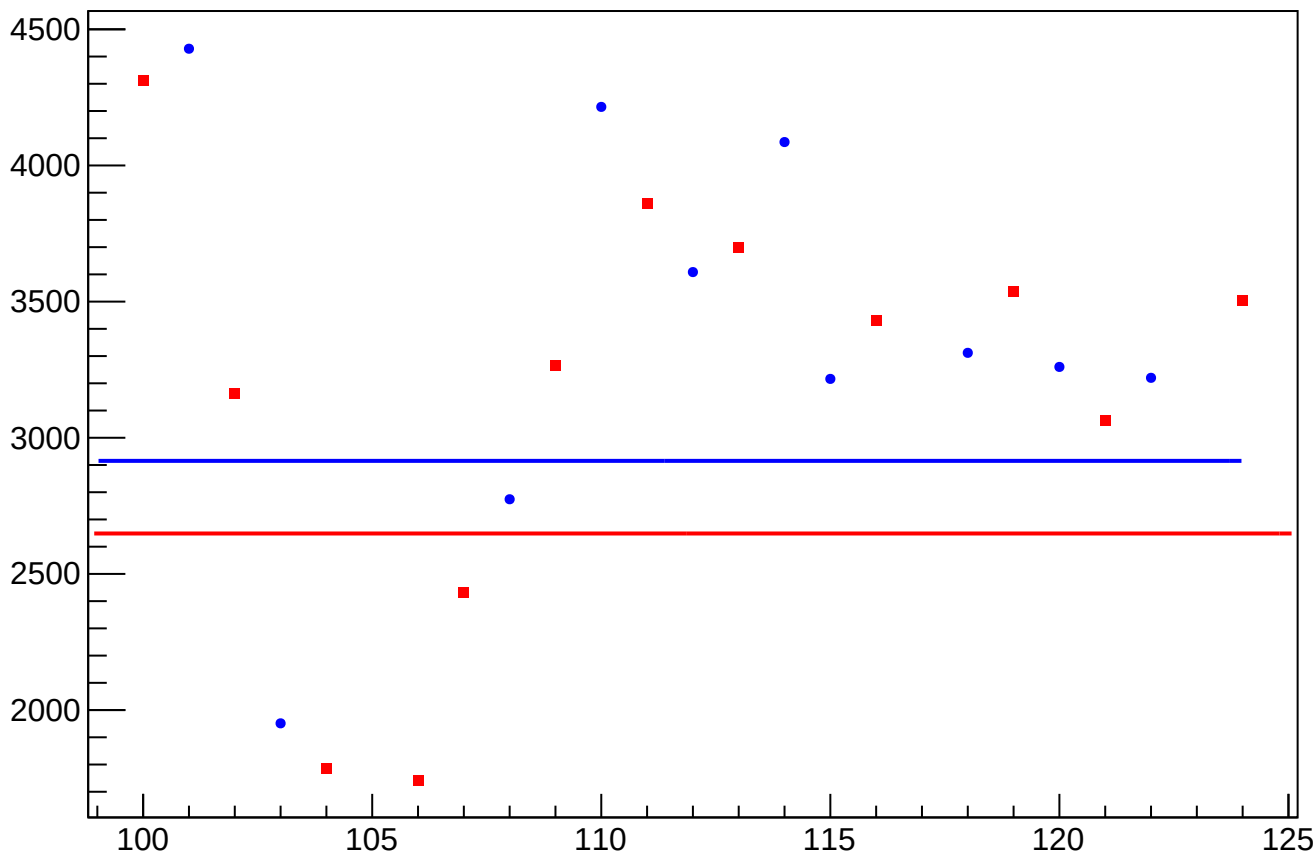
Right: 195.858+/-986.182 χ^2/NDF : 21.7/21

In: 492.136+/-1499.398 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.858+/-986.182 χ^2/NDF : 21.7/21

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2915.151+/-1.060 χ^2/NDF : 609954.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2648.461+/-0.926 χ^2/NDF : 770135.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

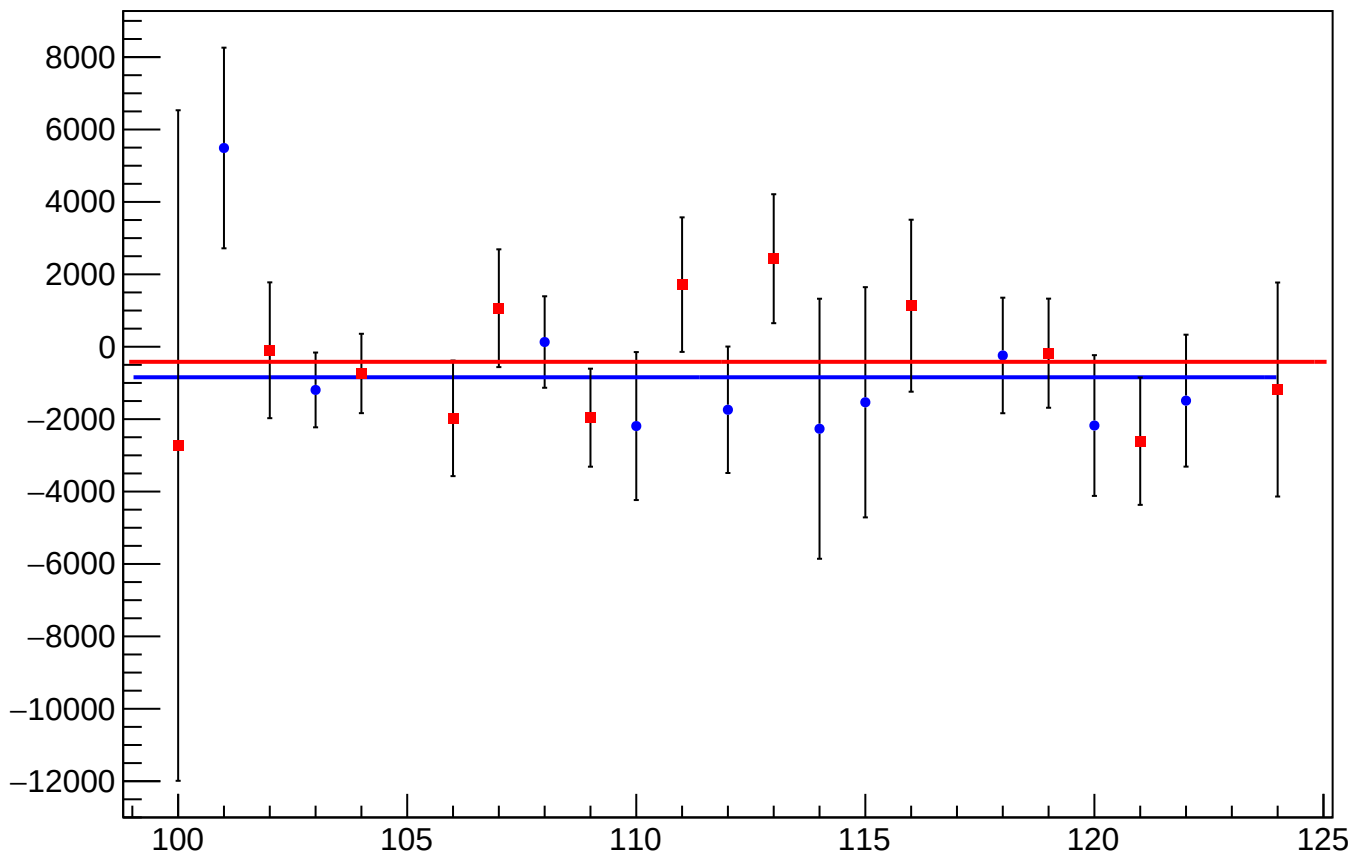
Right: 2763.829+/-0.697 χ^2/NDF : 1415990.3/21

In: 2915.151+/-1.060 χ^2/NDF : 609954.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2763.829+/-0.697 χ^2/NDF : 1415990.3/21

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -843.201+/-542.608 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -416.549+/-493.586 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

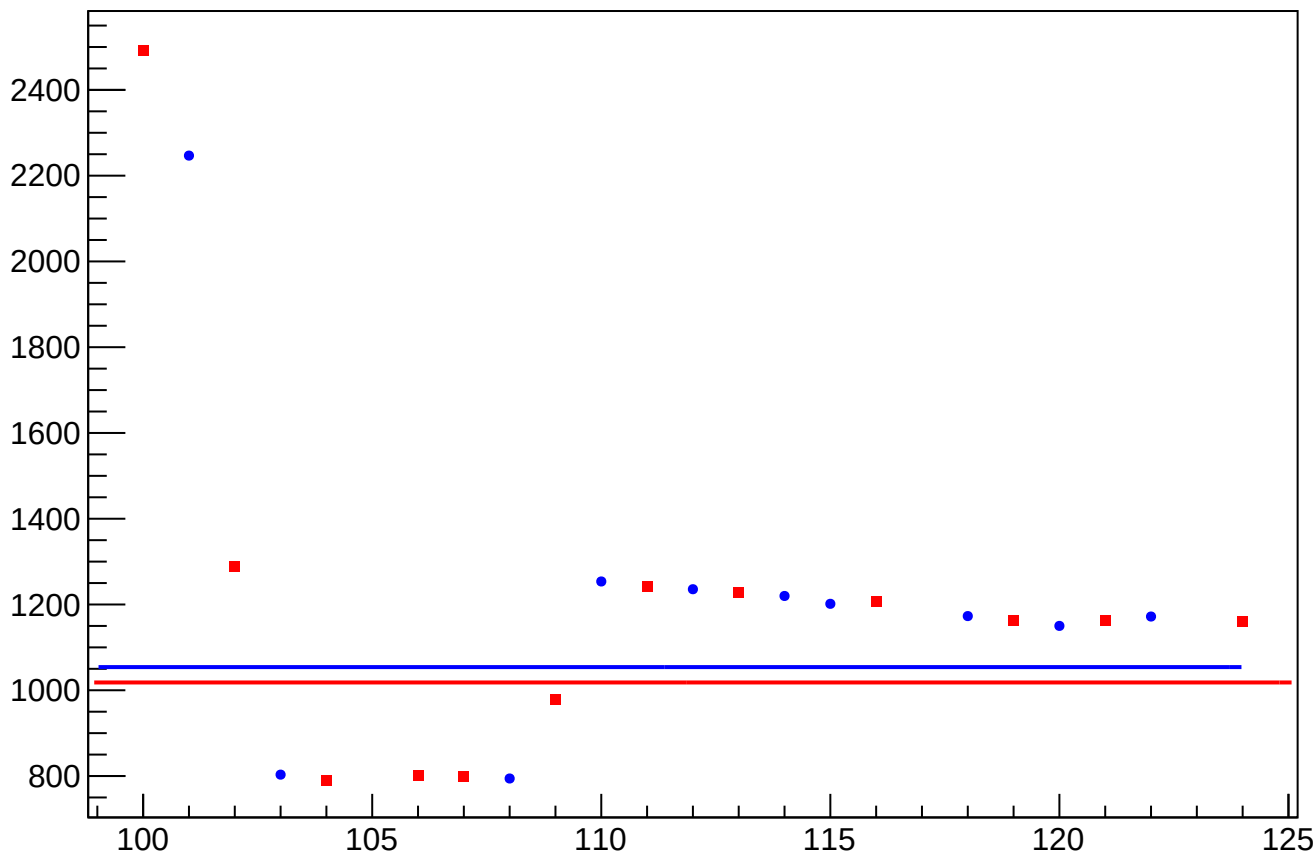
Right: -609.735+/-365.122 χ^2/NDF : 17.1/21

In: -843.201+/-542.608 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -609.735+/-365.122 χ^2/NDF : 17.1/21

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1054.026+/-0.384 χ^2/NDF : 646729.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1018.178+/-0.348 χ^2/NDF : 362920.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

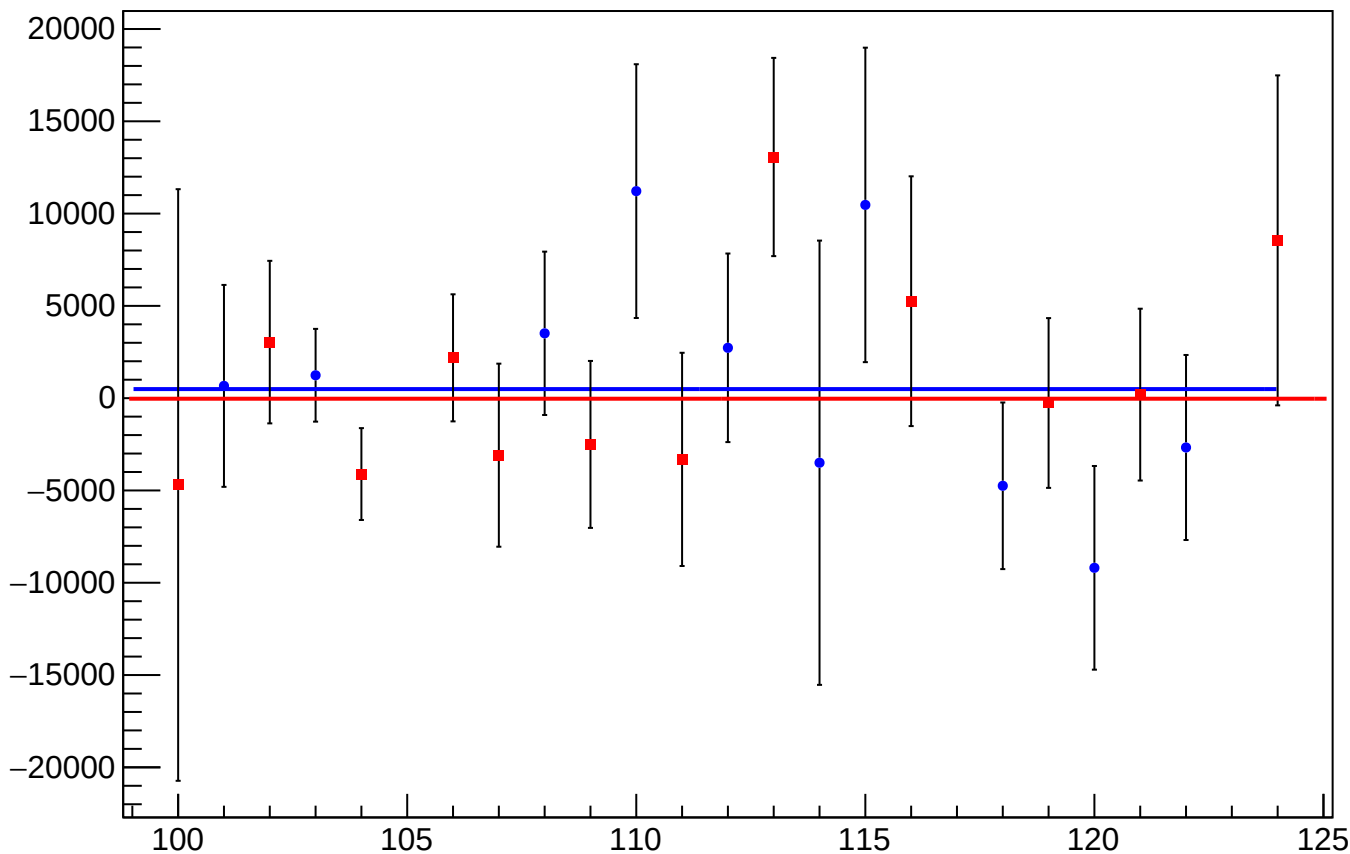
Right: 1034.360+/-0.258 χ^2/NDF : 1014439.3/21

In: 1054.026+/-0.384 χ^2/NDF : 646729.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.360+/-0.258 χ^2/NDF : 1014439.3/21

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 492.136+/-1499.398 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.026+/-1309.211 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

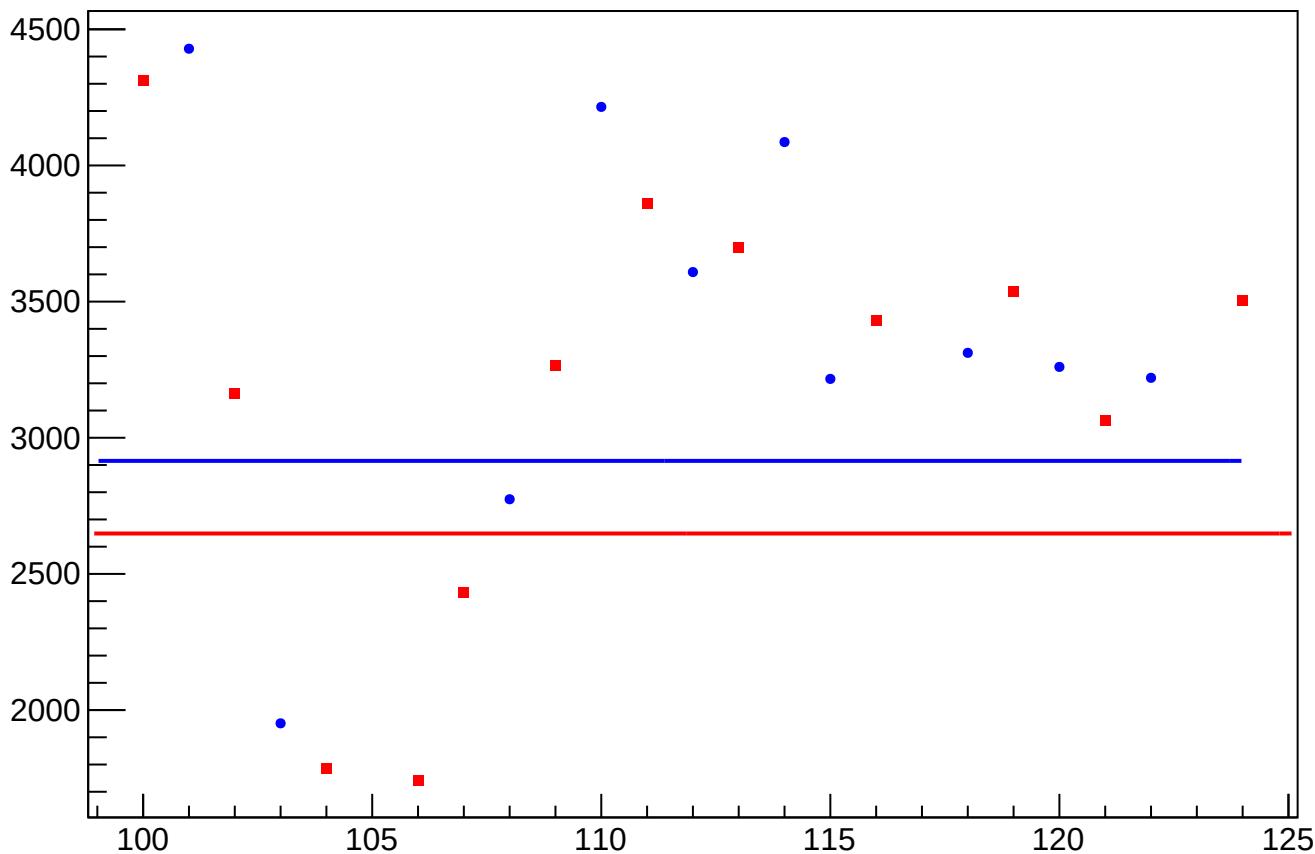
Right: 195.858+/-986.182 χ^2/NDF : 21.7/21

In: 492.136+/-1499.398 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.858+/-986.182 χ^2/NDF : 21.7/21

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2915.151+/-1.060 χ^2/NDF : 609954.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2648.461+/-0.926 χ^2/NDF : 770135.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

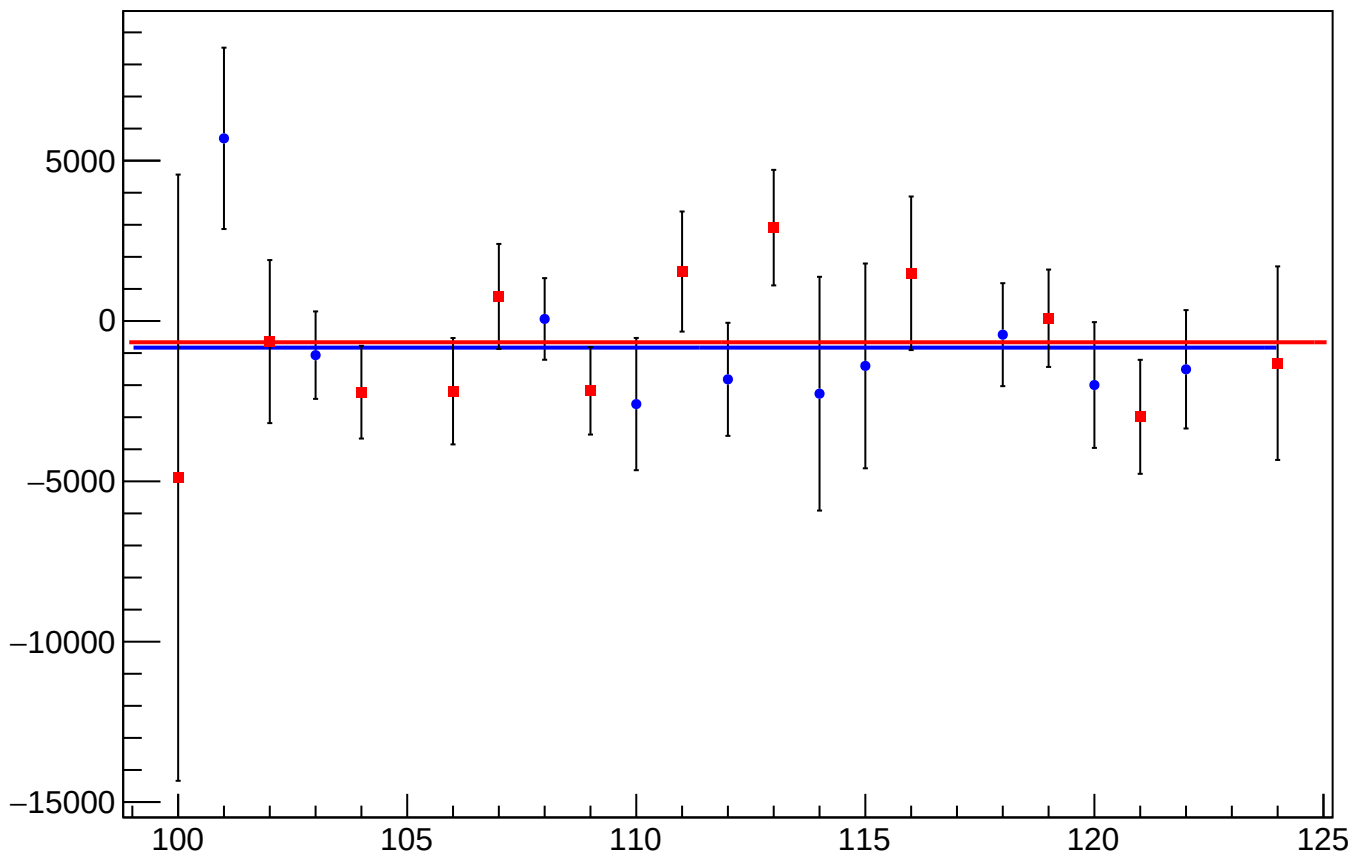
Right: 2763.829+/-0.697 χ^2/NDF : 1415990.3/21

In: 2915.151+/-1.060 χ^2/NDF : 609954.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2763.829+/-0.697 χ^2/NDF : 1415990.3/21

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -829.821+/-581.987 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -663.170+/-531.021 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

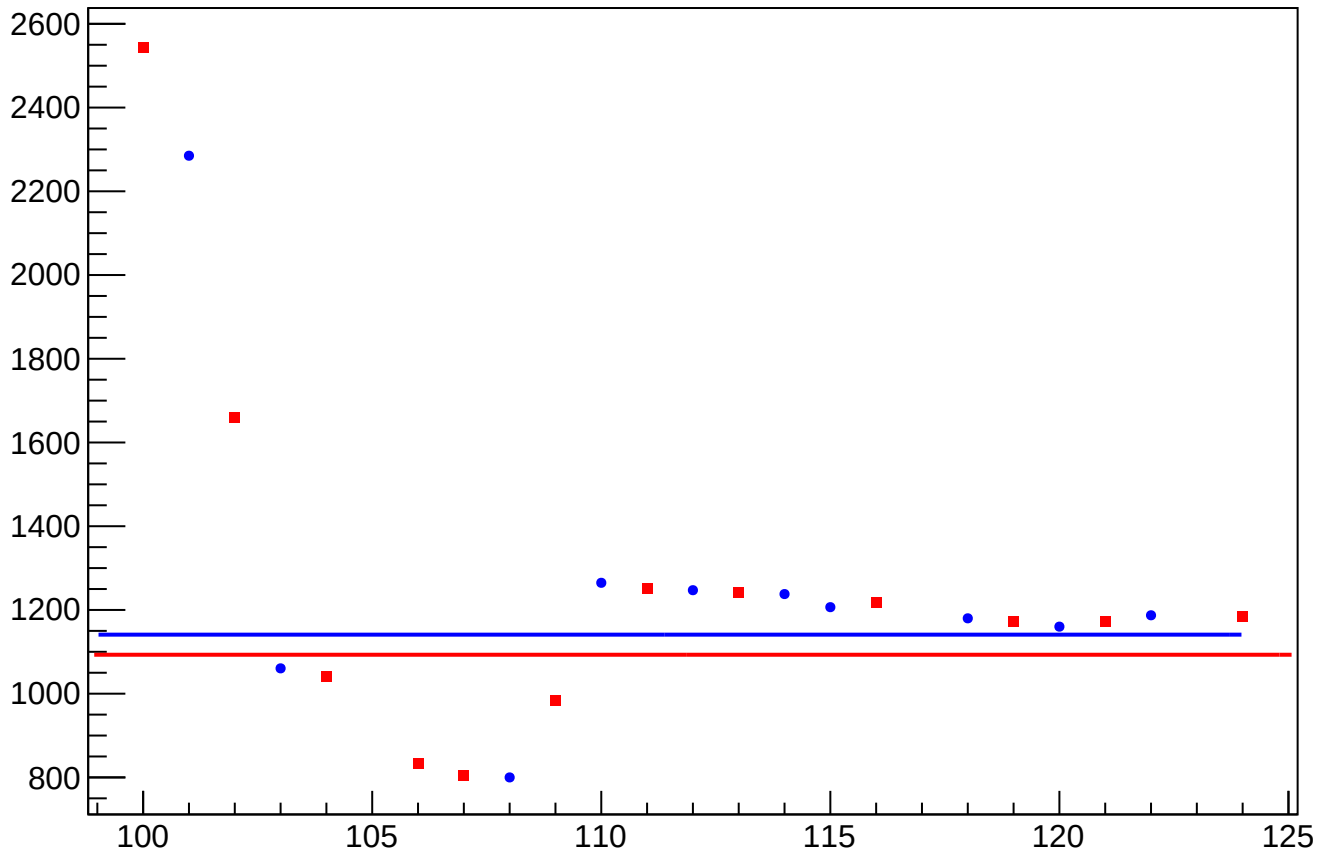
Right: -738.880+/-392.272 χ^2/NDF : 20.0/21

In: -829.821+/-581.987 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -738.880+/-392.272 χ^2/NDF : 20.0/21

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1141.000+/-0.412 χ^2/NDF : 497328.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1093.005+/-0.375 χ^2/NDF : 318389.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

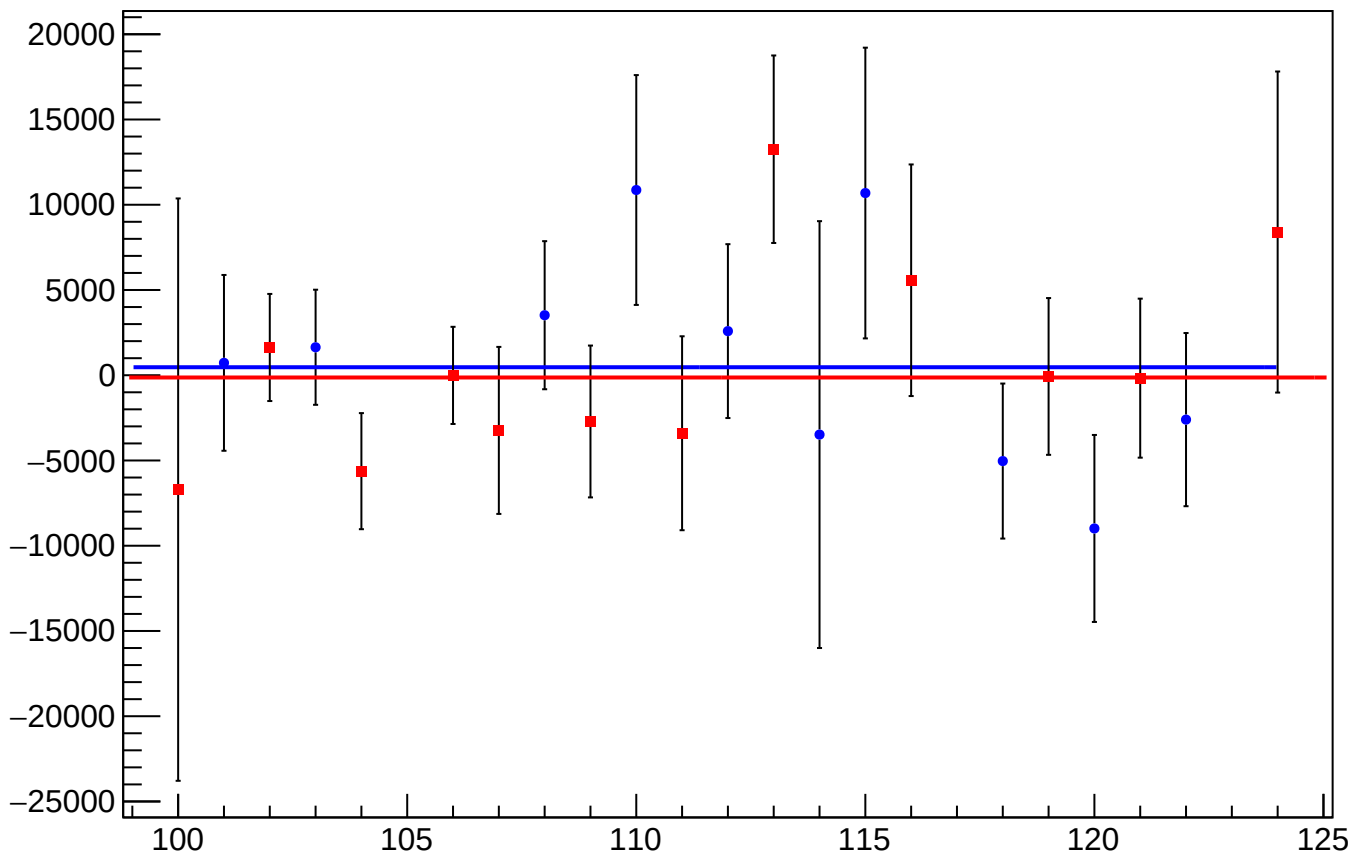
Right: 1114.793+/-0.277 χ^2/NDF : 823145.1/21

In: 1141.000+/-0.412 χ^2/NDF : 497328.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.793+/-0.277 χ^2/NDF : 823145.1/21

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 469.584 $\pm$ 1623.529 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -132.062 $\pm$ 1294.696 χ^2 /NDF: 11.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

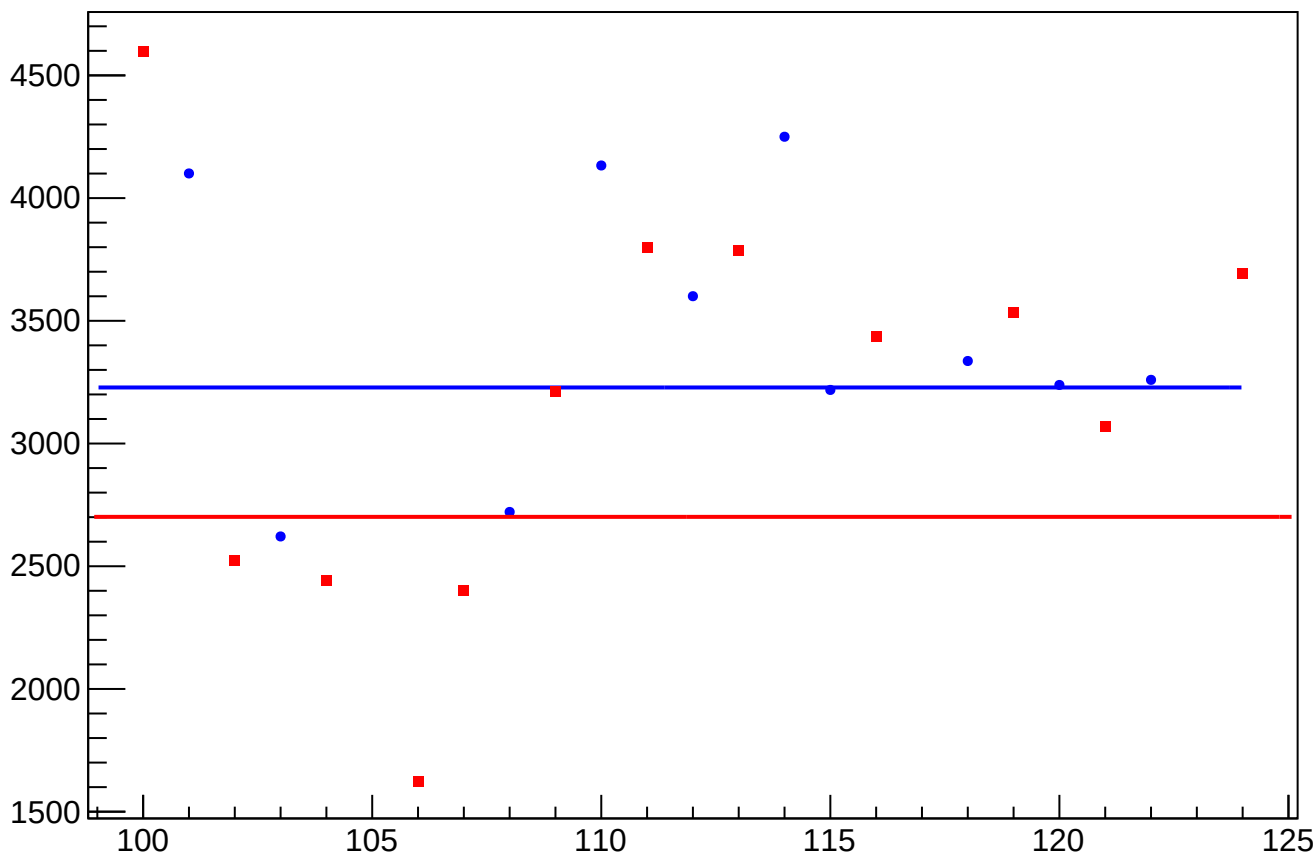
Right: 101.816 $\pm$ 1012.242 χ^2 /NDF: 21.2/21

In: 469.584 $\pm$ 1623.529 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.816 $\pm$ 1012.242 χ^2 /NDF: 21.2/21

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3228.428+/-1.148 χ^2/NDF : 210336.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2701.215+/-0.915 χ^2/NDF : 638573.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

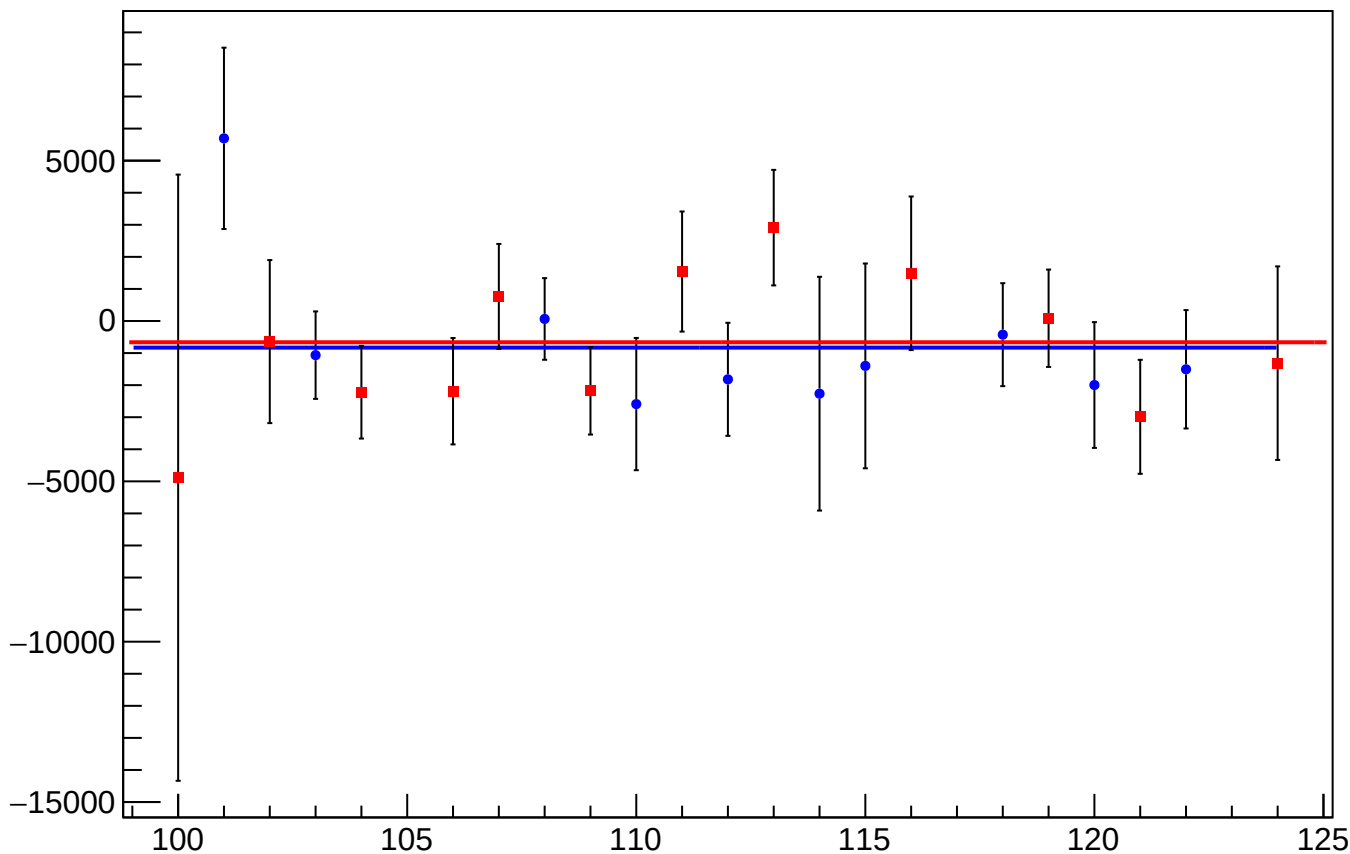
Right: 2906.159+/-0.716 χ^2/NDF : 977828.5/21

In: 3228.428+/-1.148 χ^2/NDF : 210336.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2906.159+/-0.716 χ^2/NDF : 977828.5/21

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -829.816+/-581.987 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -663.174+/-531.021 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

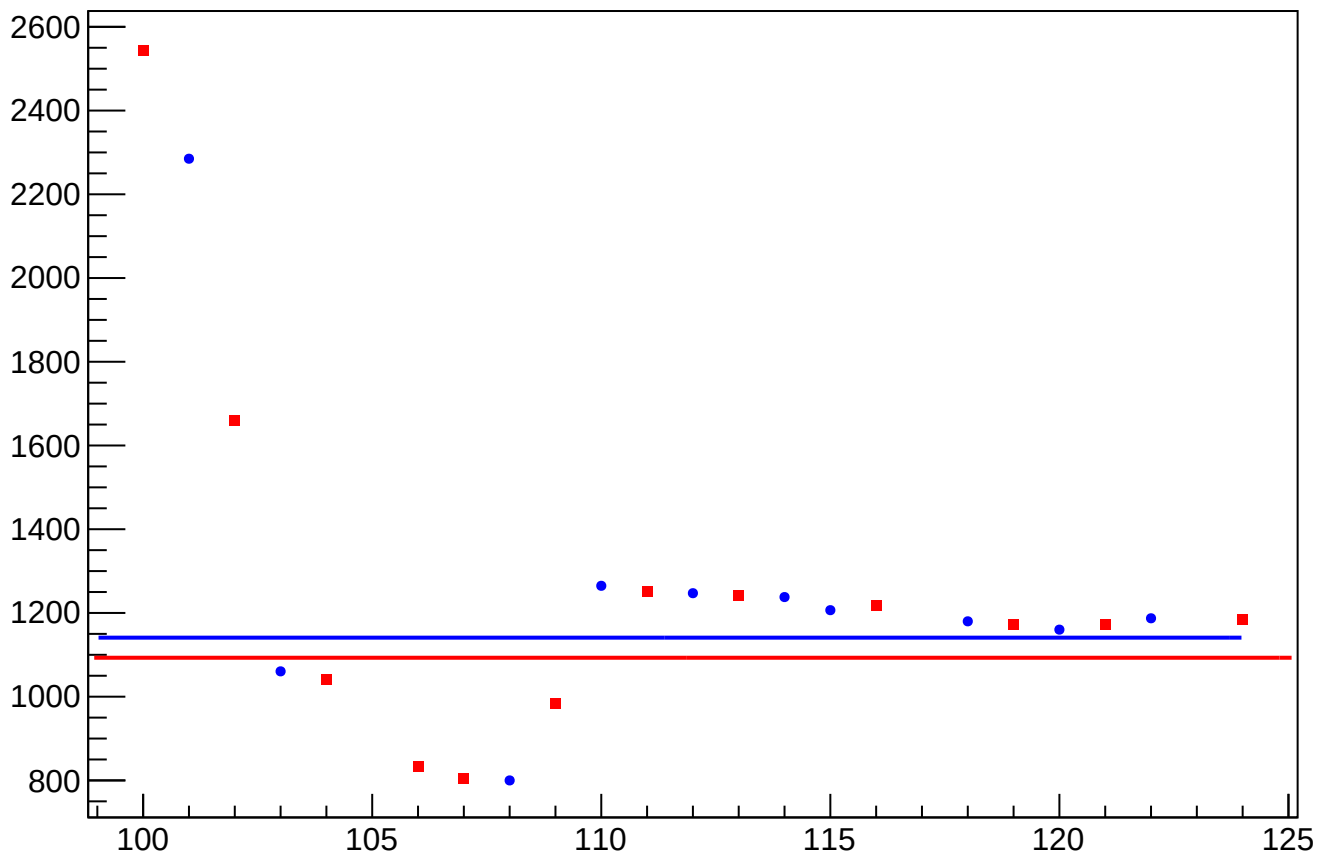
Right: -738.880+/-392.272 χ^2/NDF : 20.0/21

In: -829.816+/-581.987 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -738.880+/-392.272 χ^2/NDF : 20.0/21

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1141.000+/-0.412 χ^2/NDF : 497328.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1093.005+/-0.375 χ^2/NDF : 318389.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

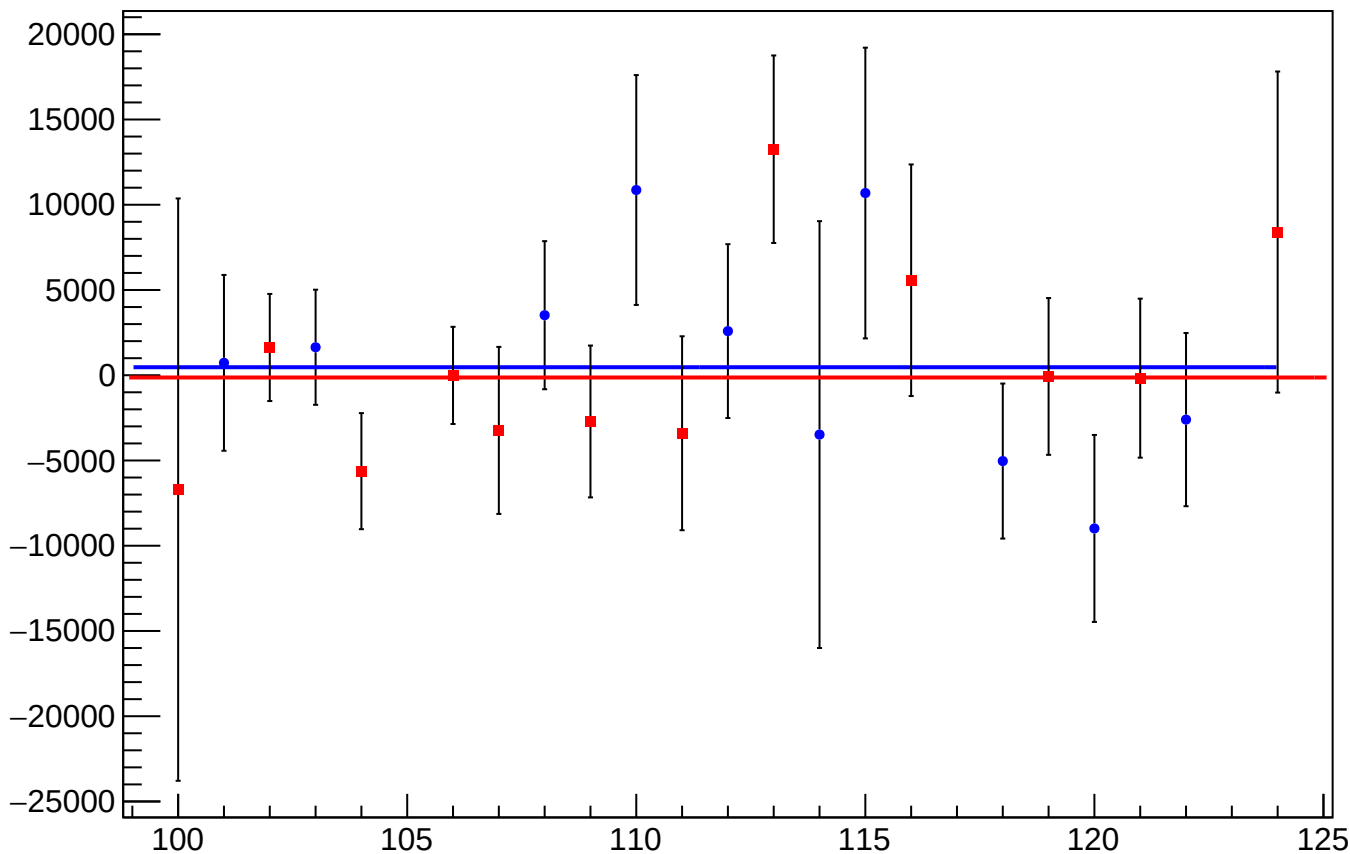
Right: 1114.793+/-0.277 χ^2/NDF : 823145.1/21

In: 1141.000+/-0.412 χ^2/NDF : 497328.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.793+/-0.277 χ^2/NDF : 823145.1/21

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 469.574+/-1623.526 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -132.069+/-1294.694 χ^2/NDF : 11.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

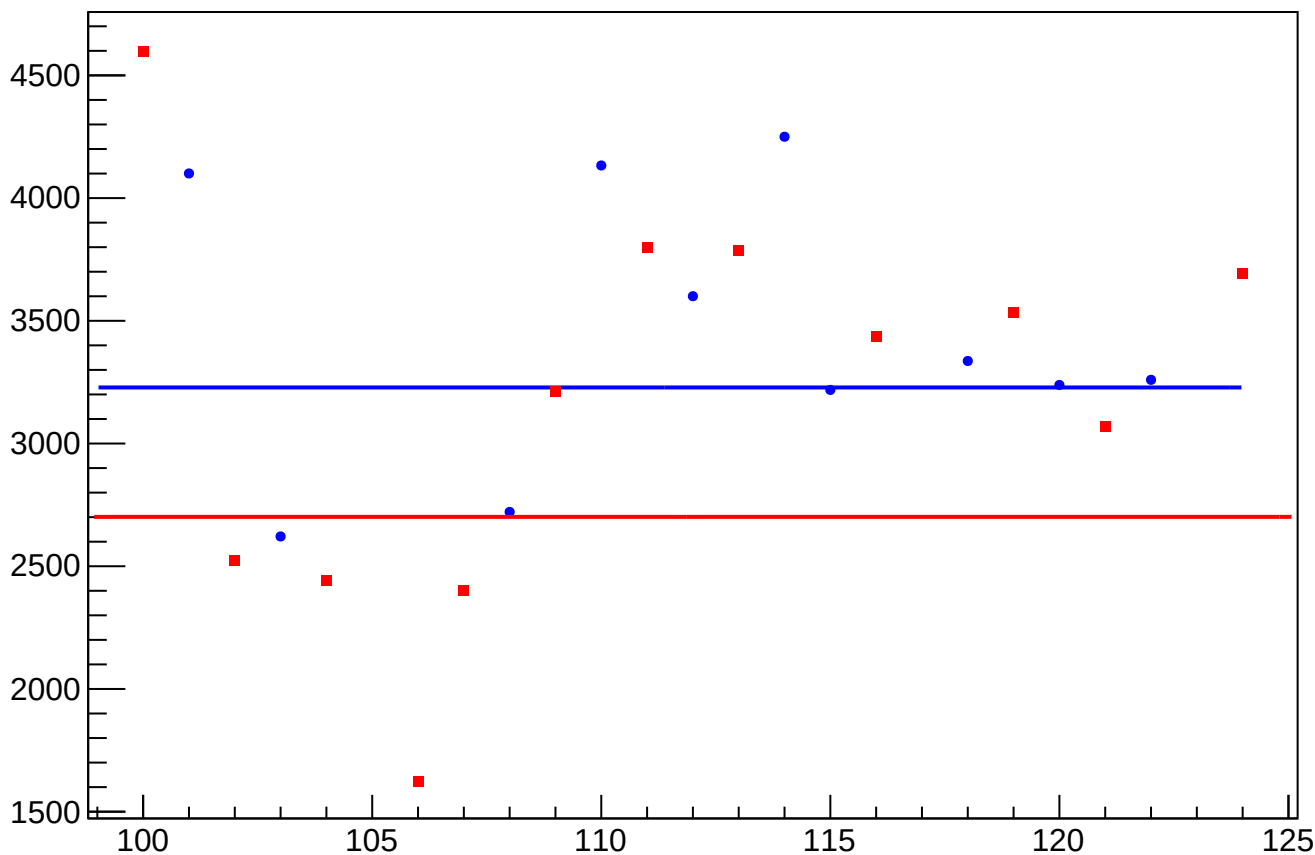
Right: 101.808+/-1012.240 χ^2/NDF : 21.2/21

In: 469.574+/-1623.526 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.808+/-1012.240 χ^2/NDF : 21.2/21

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3228.424+/-1.148 χ^2/NDF : 210333.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2701.210+/-0.915 χ^2/NDF : 638574.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

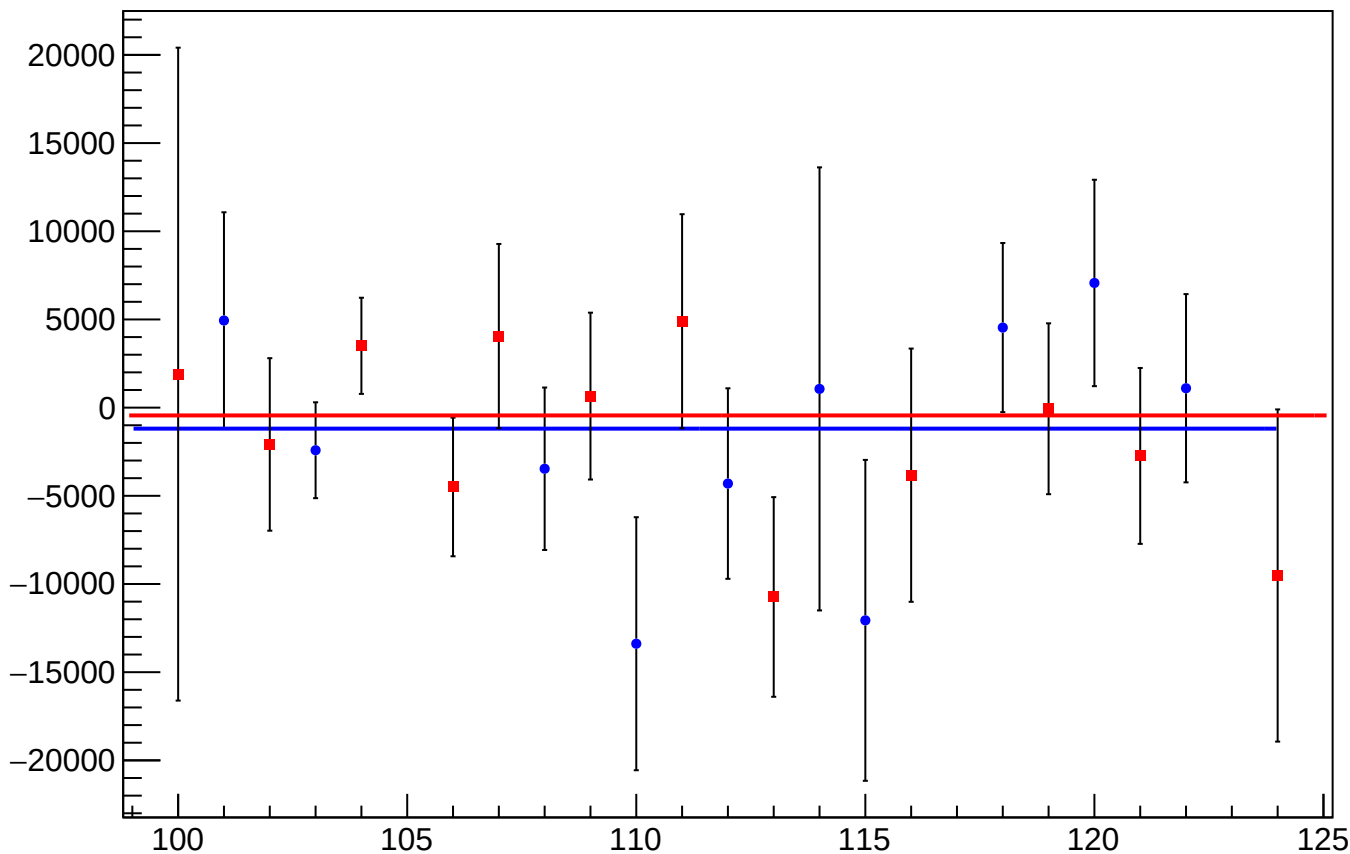
Right: 2906.154+/-0.716 χ^2/NDF : 977828.0/21

In: 3228.424+/-1.148 χ^2/NDF : 210333.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2906.154+/-0.716 χ^2/NDF : 977828.0/21

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1190.900 ± 1603.375 χ^2/NDF : 9.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -442.056 ± 1418.086 χ^2/NDF : 9.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

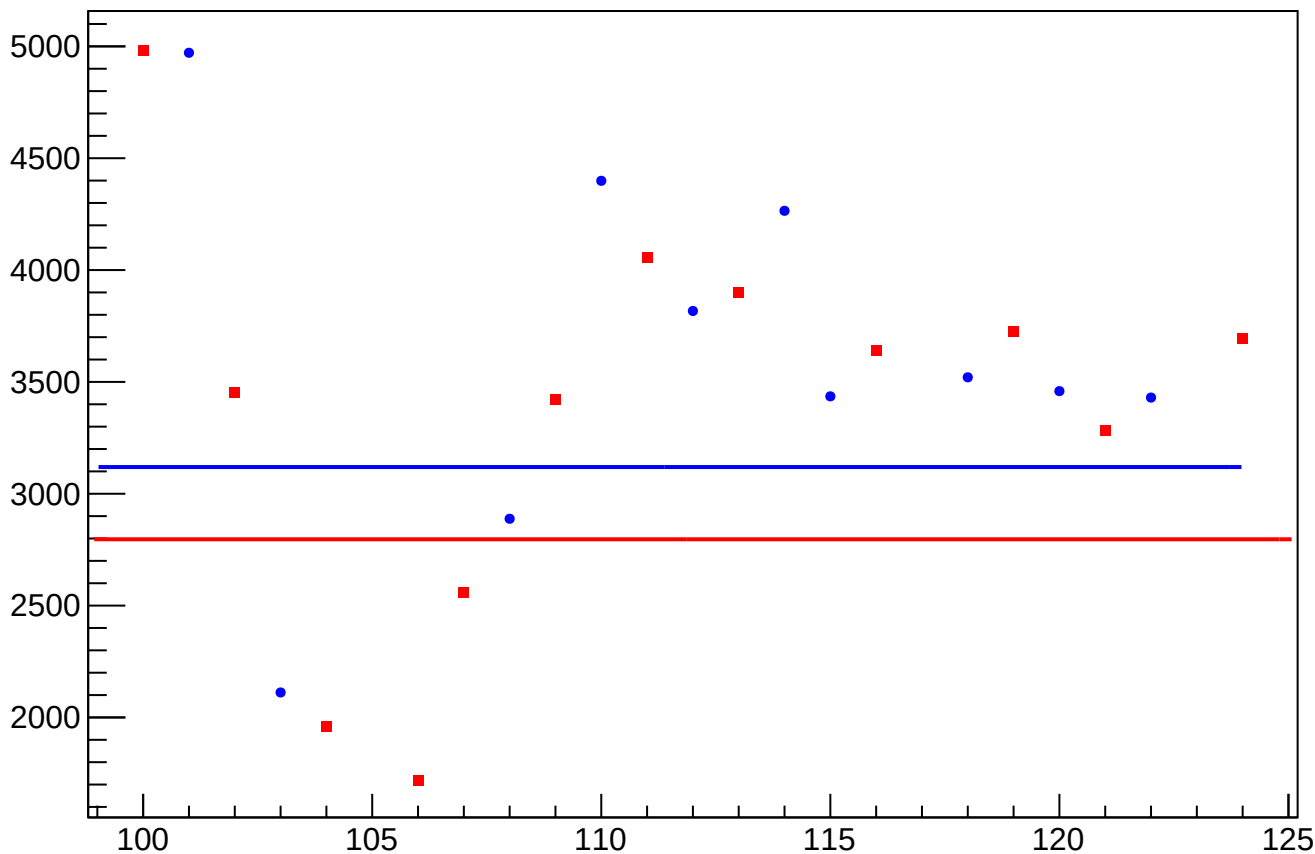
Right: -770.728 ± 1062.235 χ^2/NDF : 19.4/21

In: -1190.900 ± 1603.375 χ^2/NDF : 9.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -770.728 ± 1062.235 χ^2/NDF : 19.4/21

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3119.414+/-1.134 χ^2/NDF : 605633.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2796.495+/-0.980 χ^2/NDF : 796591.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

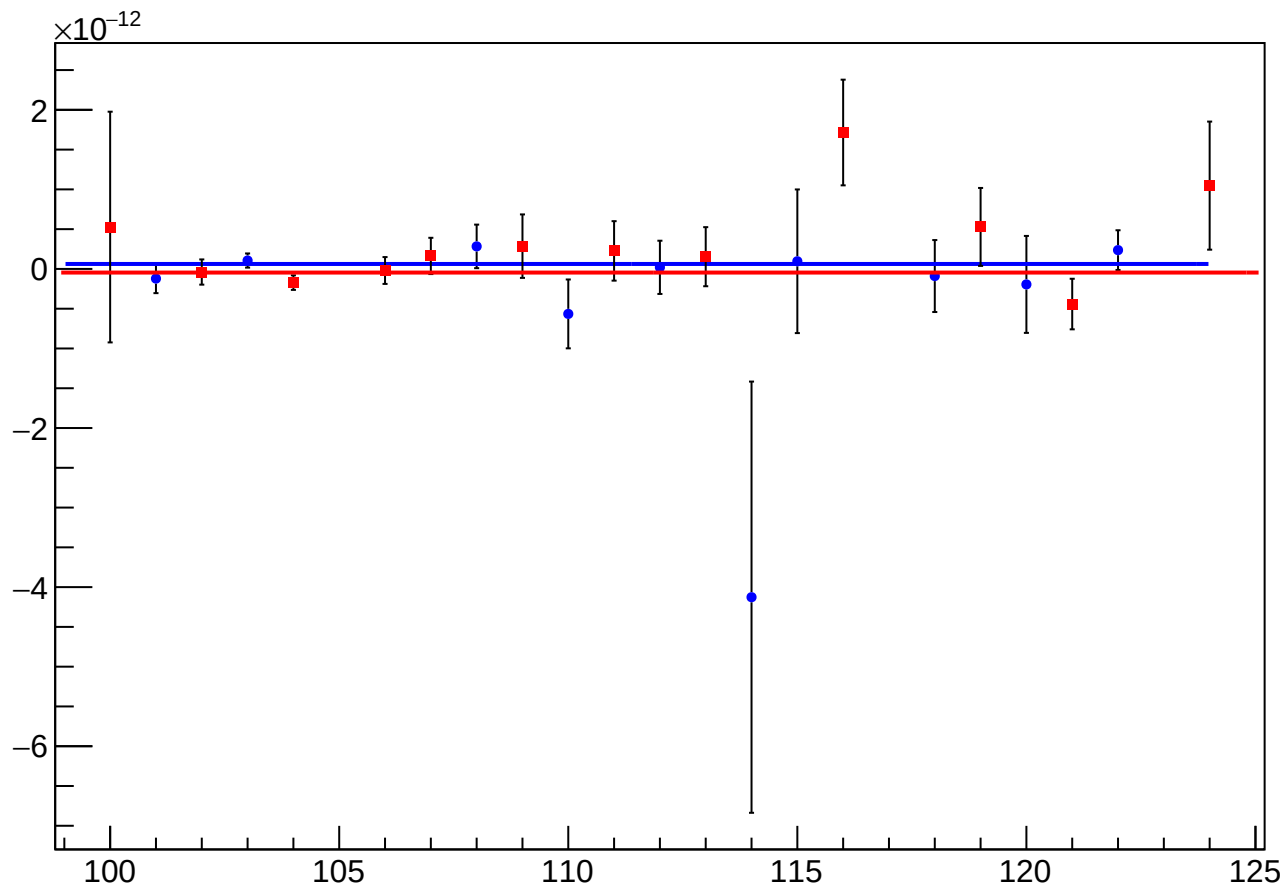
Right: 2934.652+/-0.742 χ^2/NDF : 1448641.0/21

In: 3119.414+/-1.134 χ^2/NDF : 605633.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2934.652+/-0.742 χ^2/NDF : 1448641.0/21

asym_usr_atr2_dd_reg_vs_cor_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 : 16.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

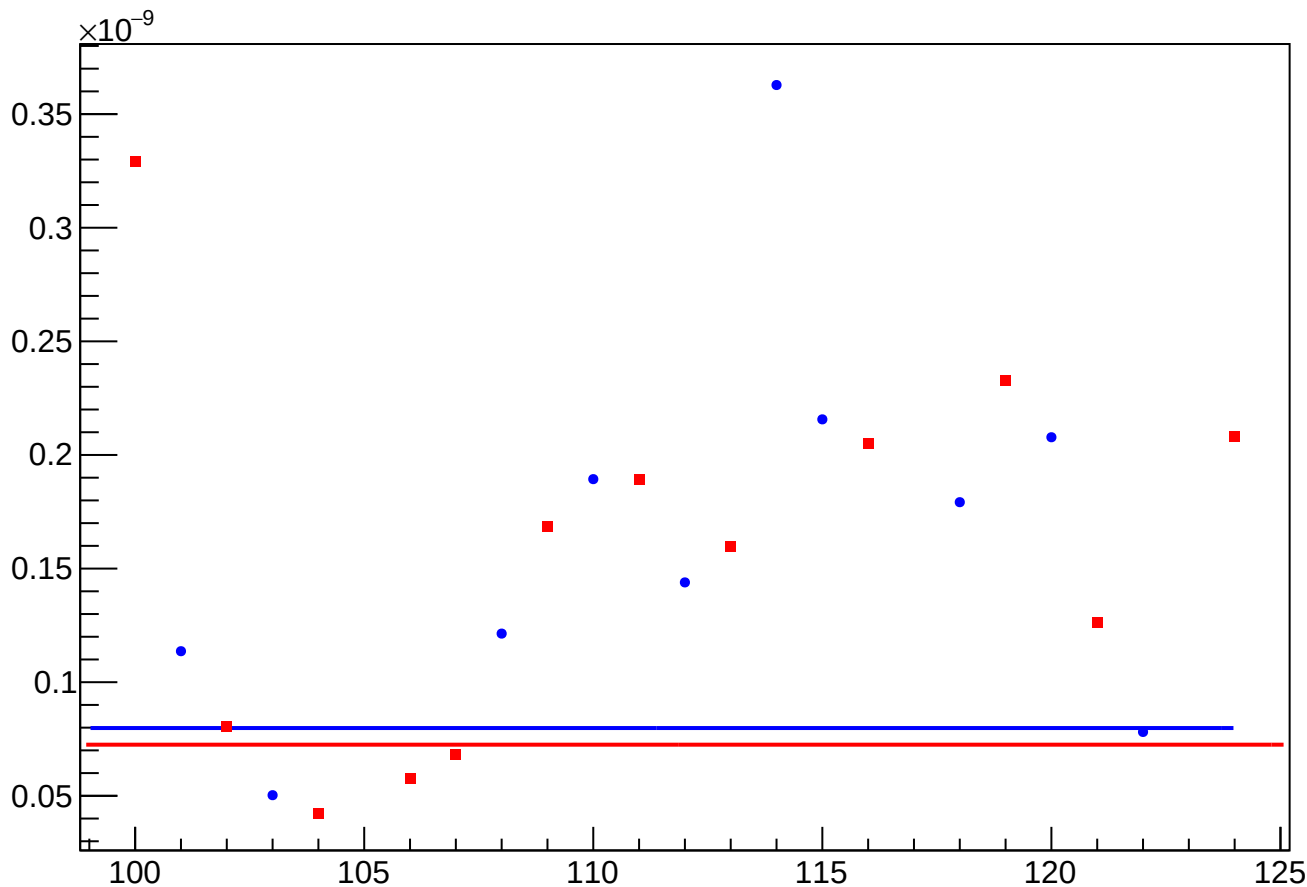
Right: 0.000+/-0.000 χ^2/NDF : 24.7/21

In: 0.000+/-0.000 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.7/21

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 788280.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1132354.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

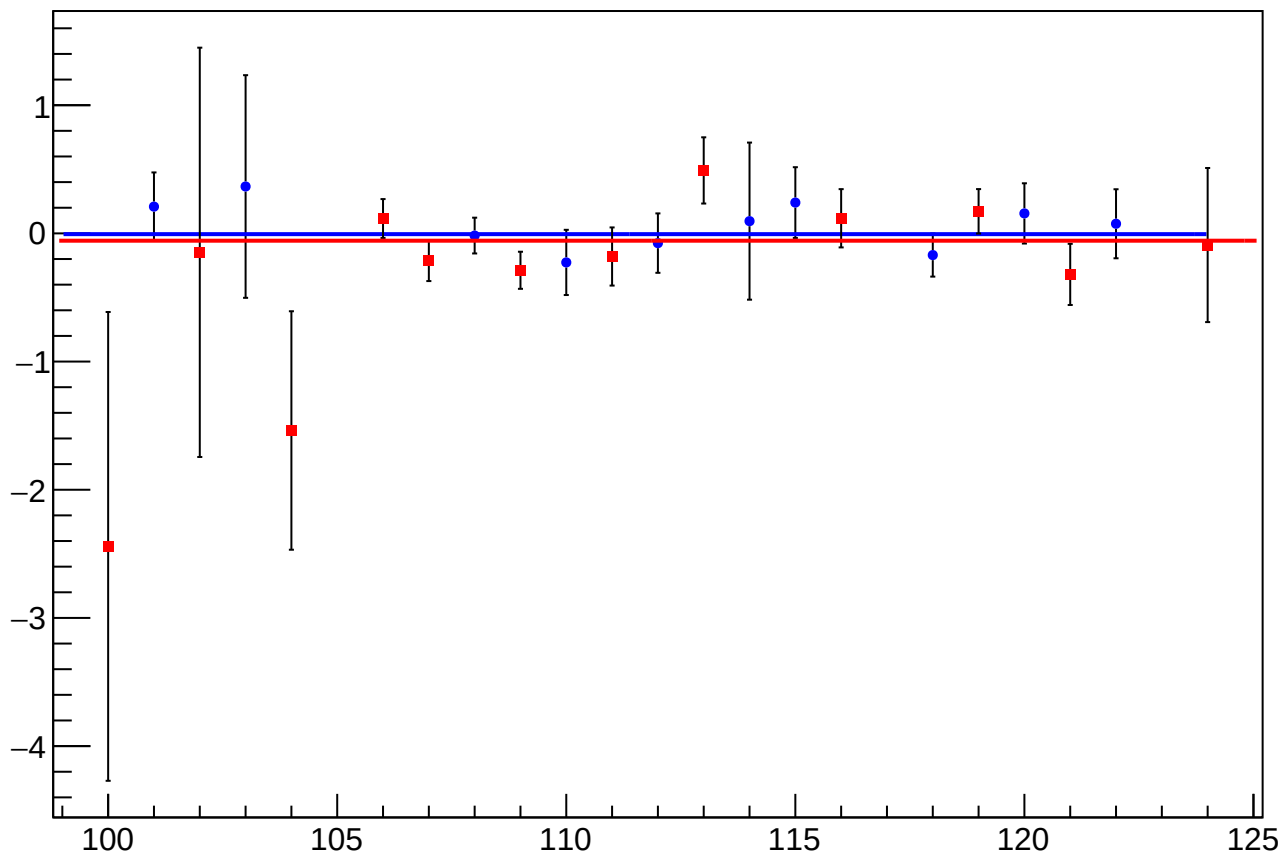
Right: 0.000+/-0.000 χ^2/NDF : 1932896.2/21

In: 0.000+/-0.000 χ^2/NDF : 788280.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1932896.2/21

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.057 ± 0.065 χ^2/NDF : 17.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

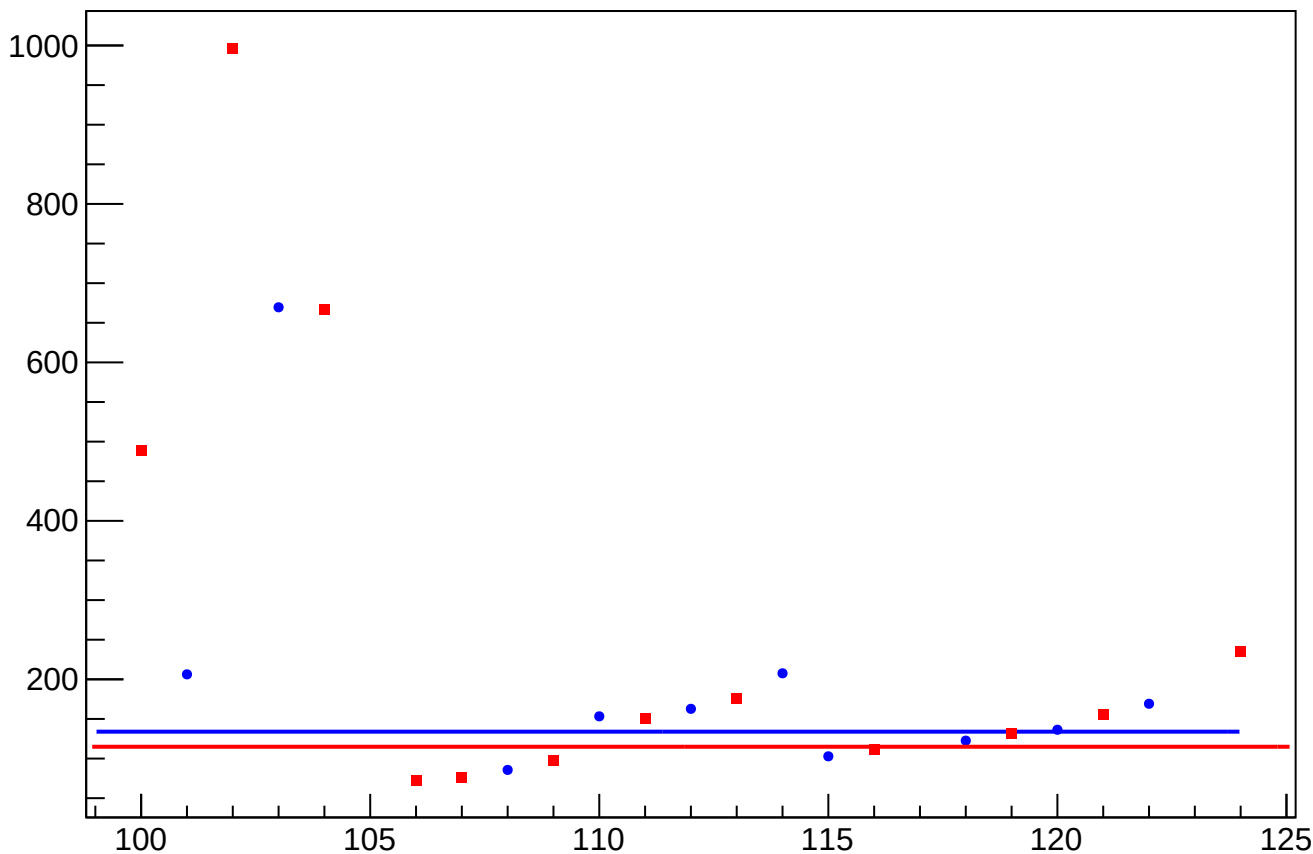
Right: -0.035 ± 0.049 χ^2/NDF : 21.7/21

In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.049 χ^2/NDF : 21.7/21

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.940+/-0.052 χ^2/NDF : 1287253.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.908+/-0.046 χ^2/NDF : 2031724.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

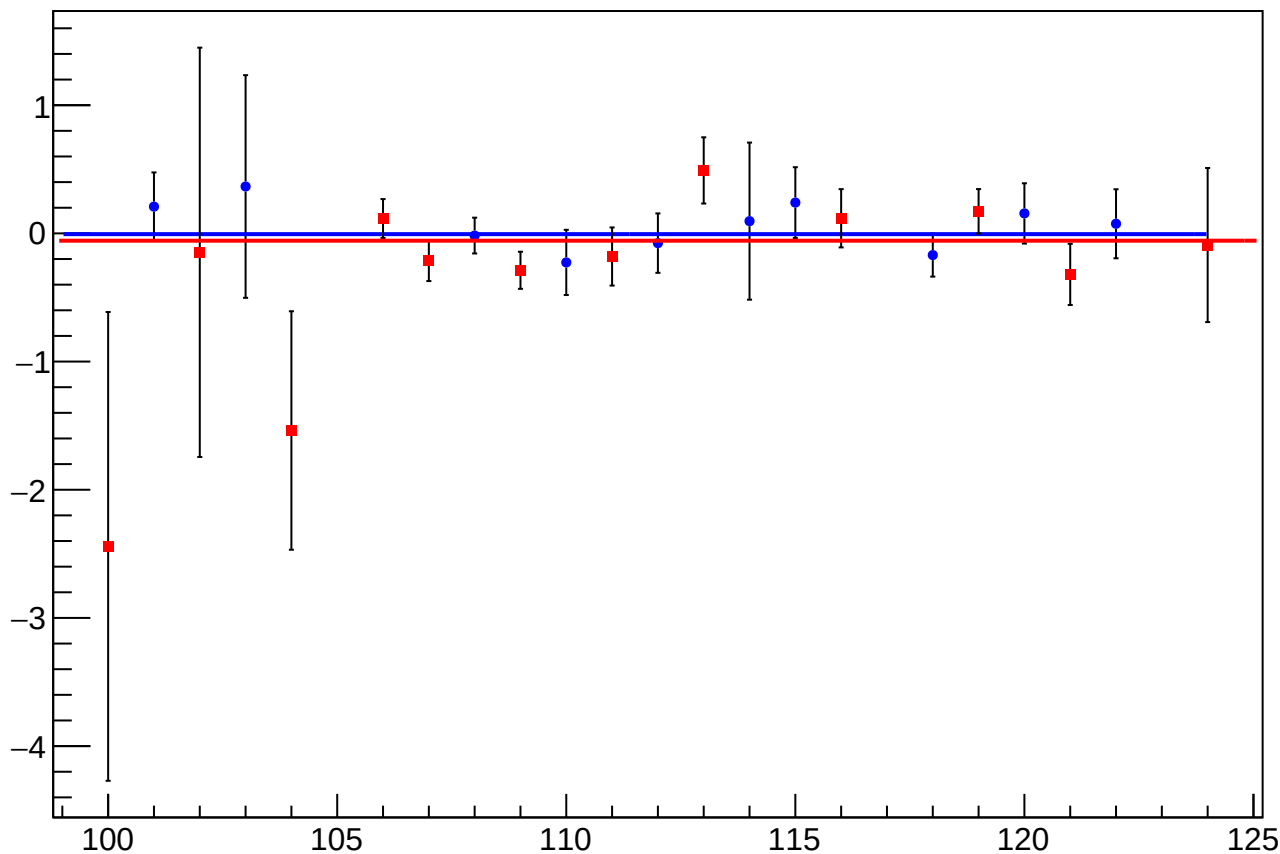
Right: 123.164+/-0.034 χ^2/NDF : 3394408.5/21

In: 133.940+/-0.052 χ^2/NDF : 1287253.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.164+/-0.034 χ^2/NDF : 3394408.5/21

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.057 ± 0.065 χ^2/NDF : 17.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

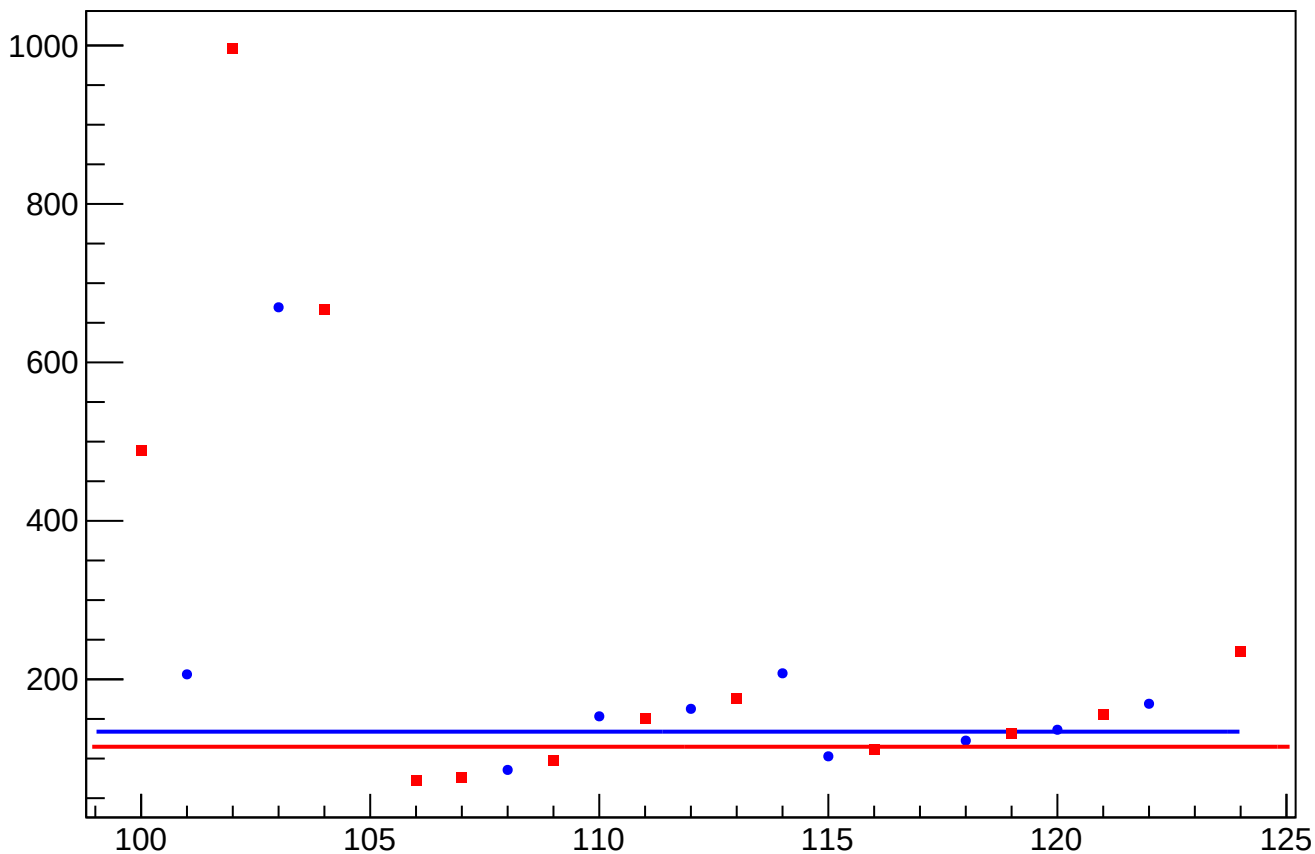
Right: -0.035 ± 0.049 χ^2/NDF : 21.7/21

In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.049 χ^2/NDF : 21.7/21

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.940+/-0.052 χ^2/NDF : 1287253.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.908+/-0.046 χ^2/NDF : 2031724.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

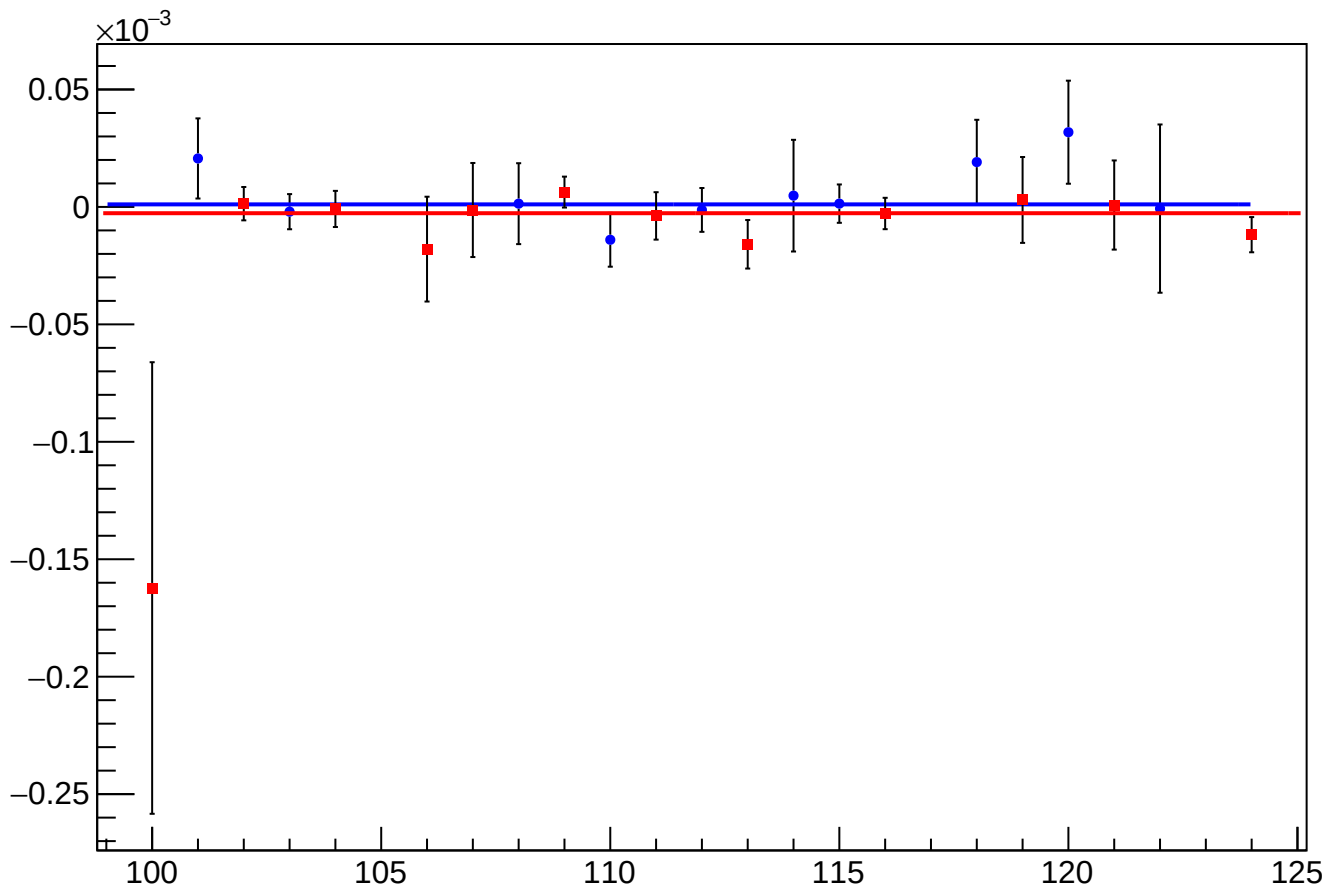
Right: 123.164+/-0.034 χ^2/NDF : 3394408.5/21

In: 133.940+/-0.052 χ^2/NDF : 1287253.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.164+/-0.034 χ^2/NDF : 3394408.5/21

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

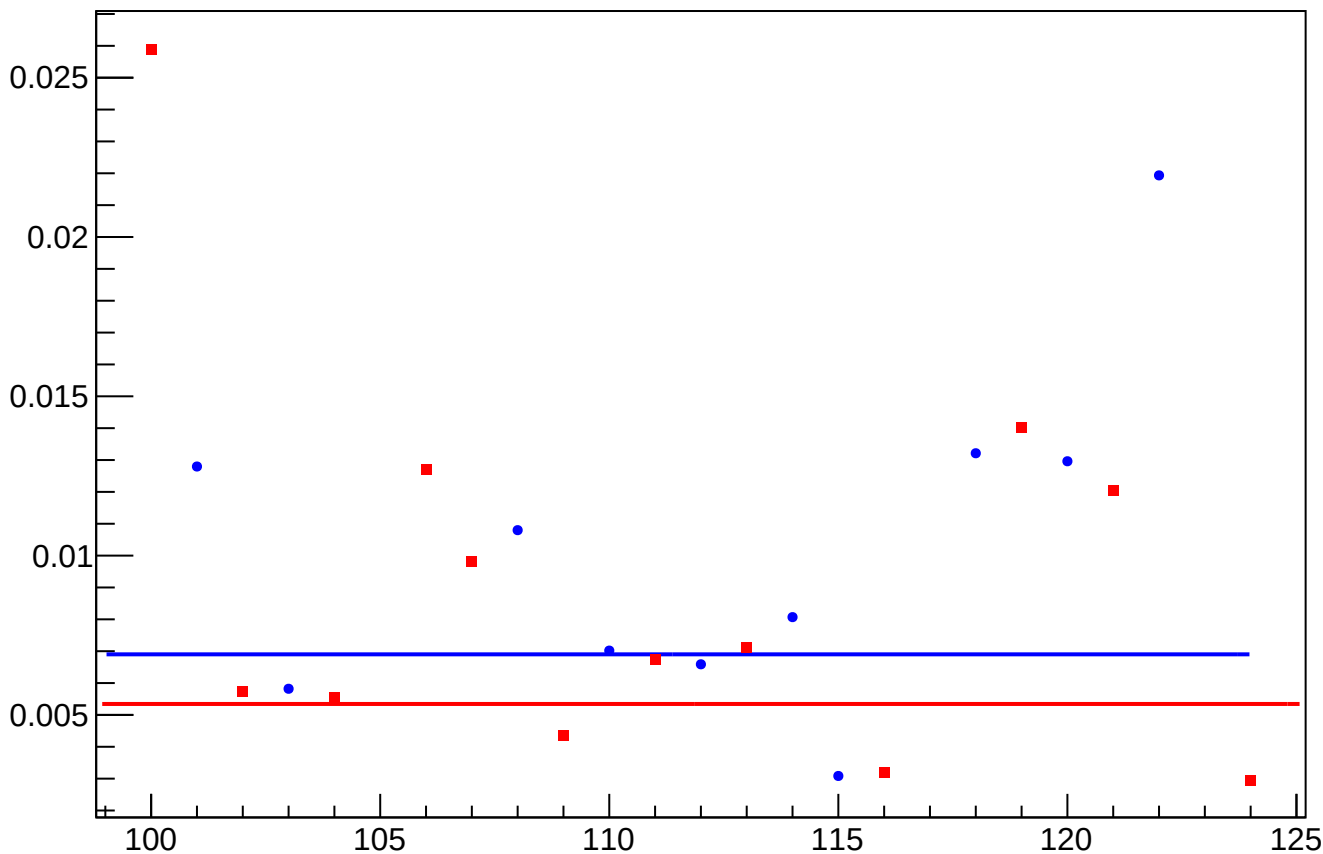
Right: -0.000+/-0.000 χ^2/NDF : 15.6/21

In: 0.000+/-0.000 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.6/21

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1578142.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1670390.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

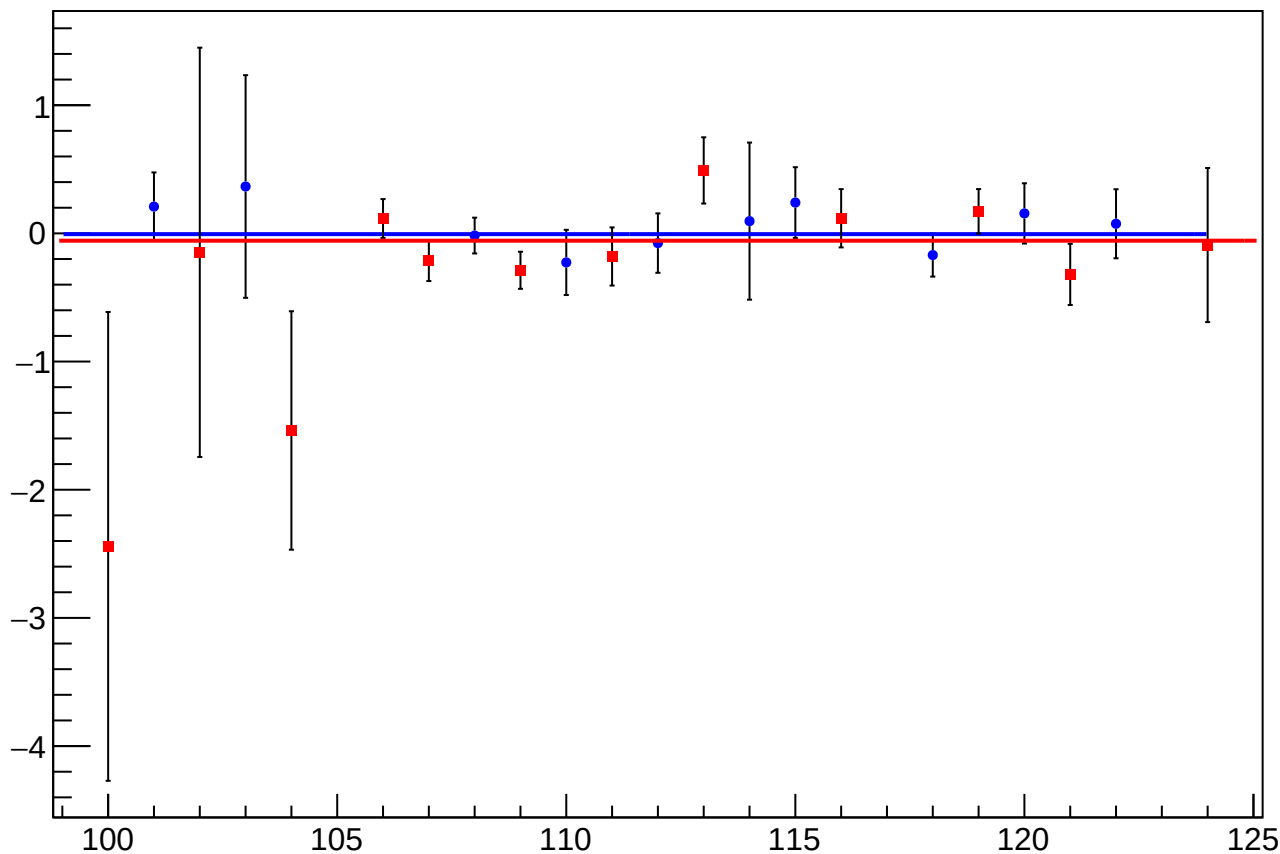
Right: 0.006+/-0.000 χ^2/NDF : 3461778.3/21

In: 0.007+/-0.000 χ^2/NDF :1578142.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3461778.3/21

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.057 ± 0.065 χ^2/NDF : 17.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

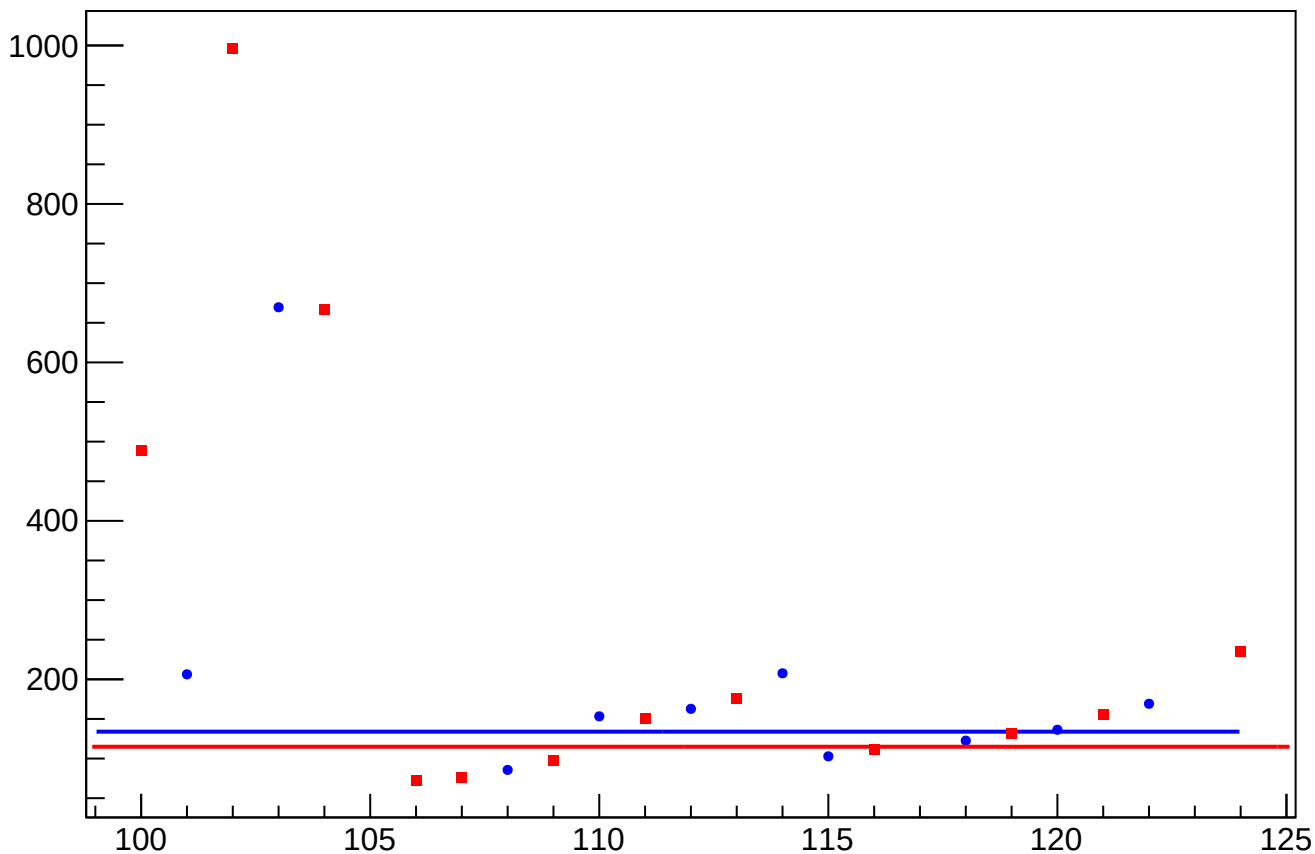
Right: -0.035 ± 0.049 χ^2/NDF : 21.7/21

In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.049 χ^2/NDF : 21.7/21

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.937+/-0.052 χ^2/NDF : 1287324.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.908+/-0.046 χ^2/NDF : 2031720.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

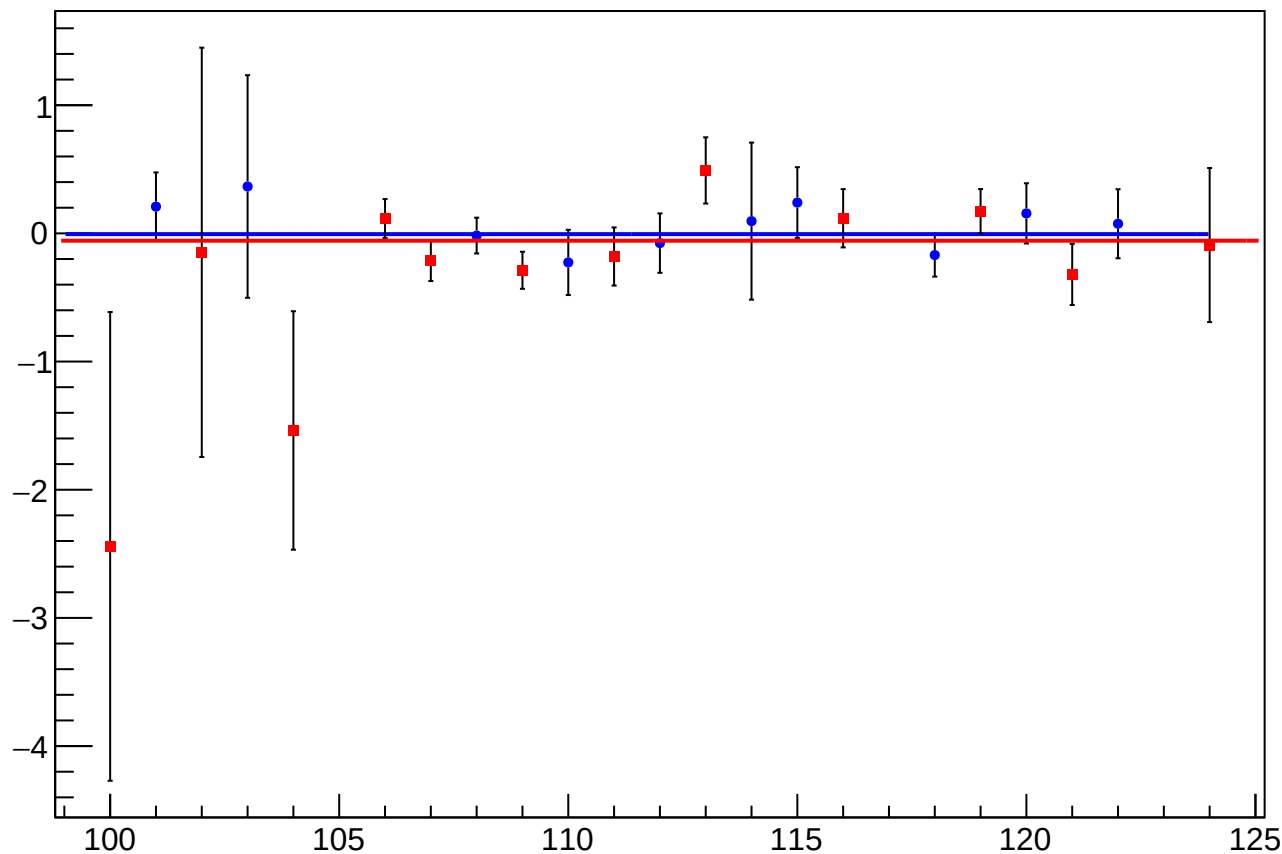
Right: 123.163+/-0.034 χ^2/NDF : 3394450.8/21

In: 133.937+/-0.052 χ^2/NDF : 1287324.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.163+/-0.034 χ^2/NDF : 3394450.8/21

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.057 ± 0.065 χ^2/NDF : 17.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

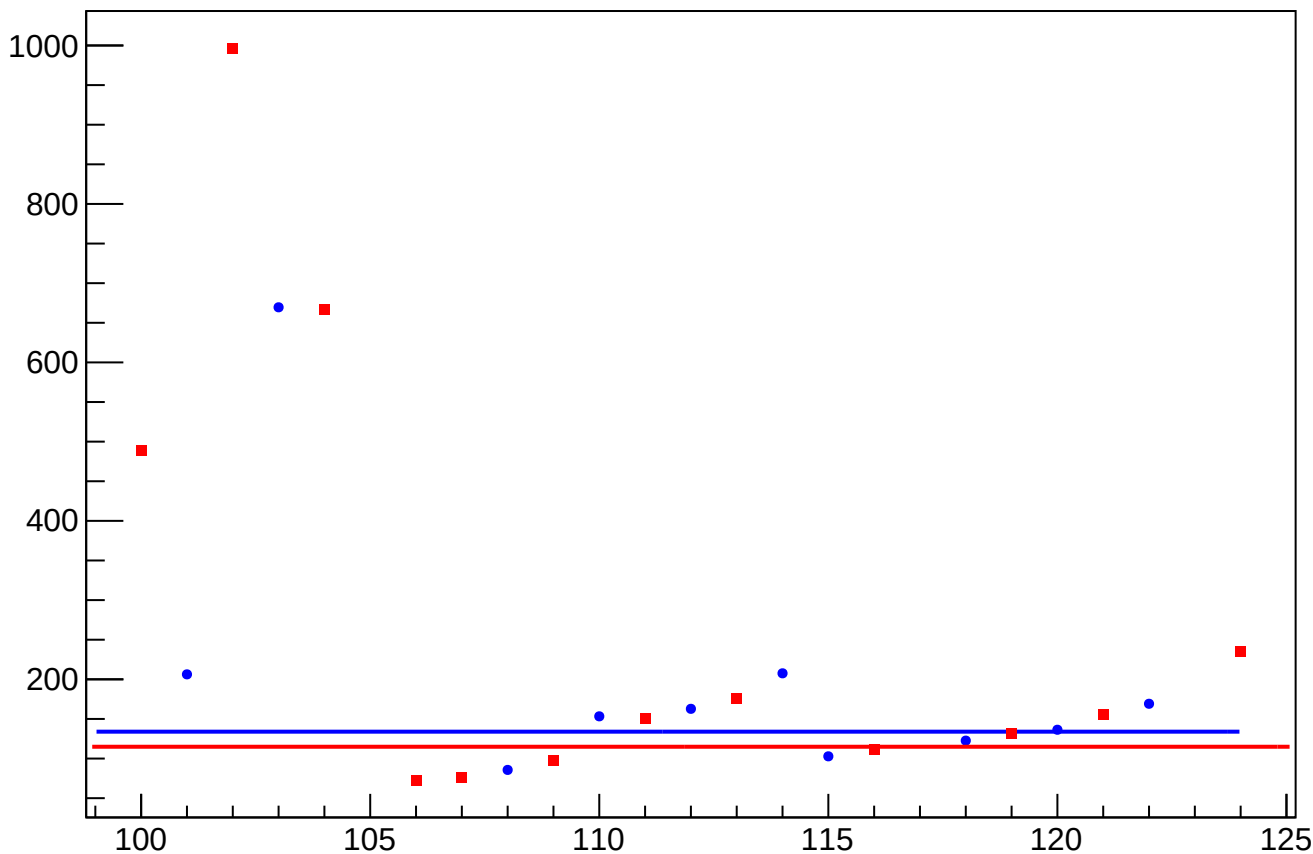
Right: -0.035 ± 0.049 χ^2/NDF : 21.7/21

In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.049 χ^2/NDF : 21.7/21

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.937+/-0.052 χ^2/NDF : 1287324.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.908+/-0.046 χ^2/NDF : 2031720.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

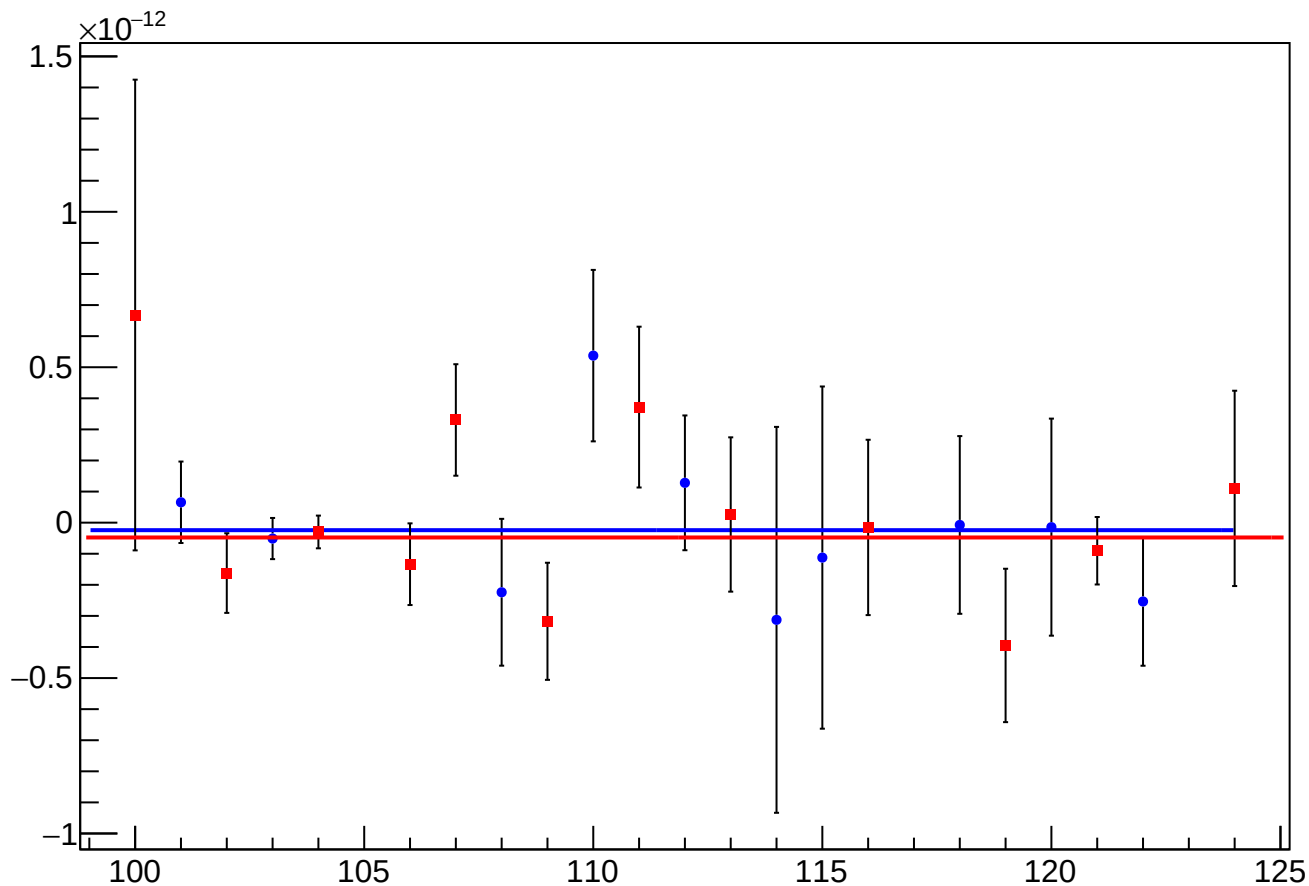
Right: 123.163+/-0.034 χ^2/NDF : 3394450.8/21

In: 133.937+/-0.052 χ^2/NDF : 1287324.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.163+/-0.034 χ^2/NDF : 3394450.8/21

asym_usr_atr2_dd_eigen_cor_vs_cor_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 : 13.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

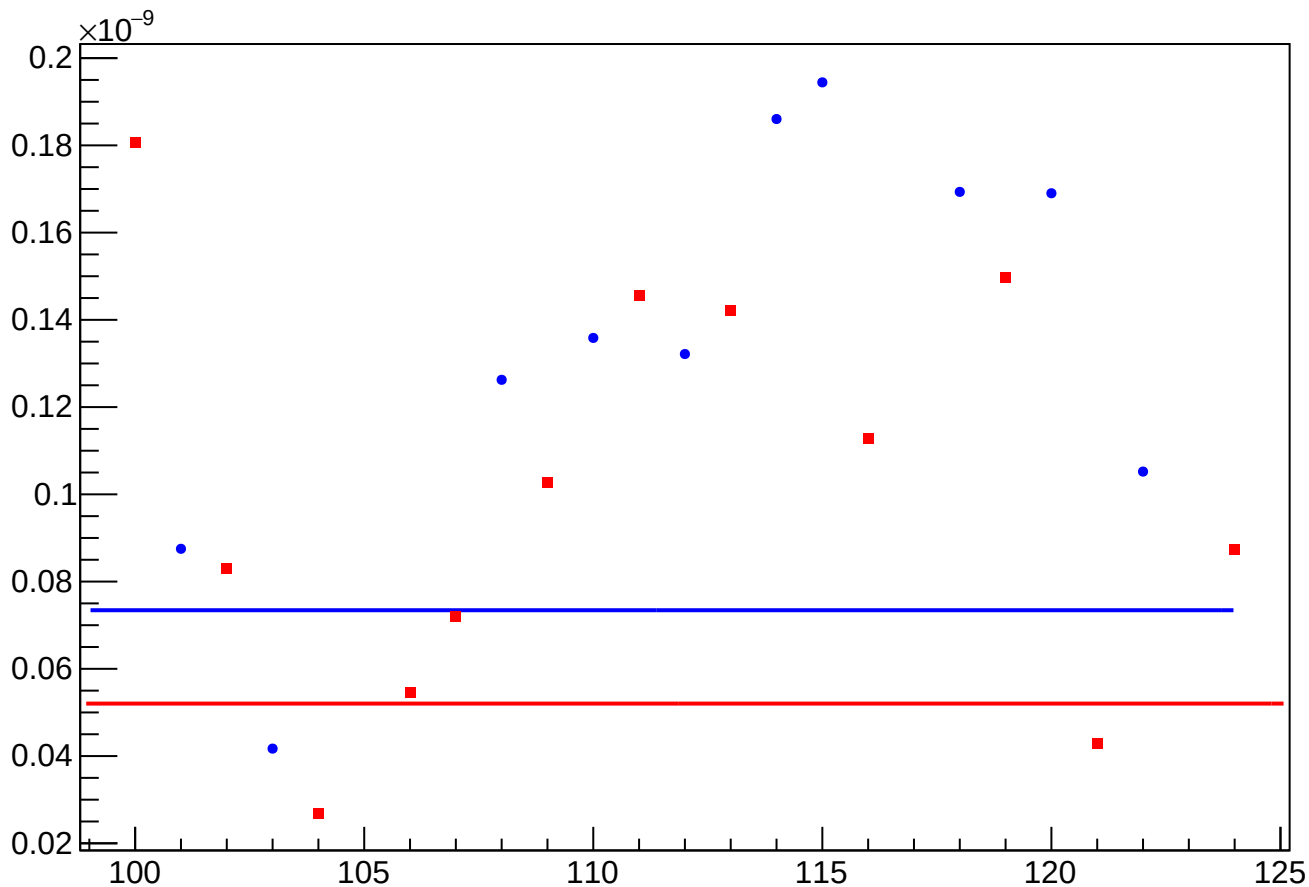
Right: -0.000+/-0.000 χ^2/NDF : 21.5/21

In: -0.000+/-0.000 χ^2/NDF :7.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.5/21

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1415972.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1774783.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

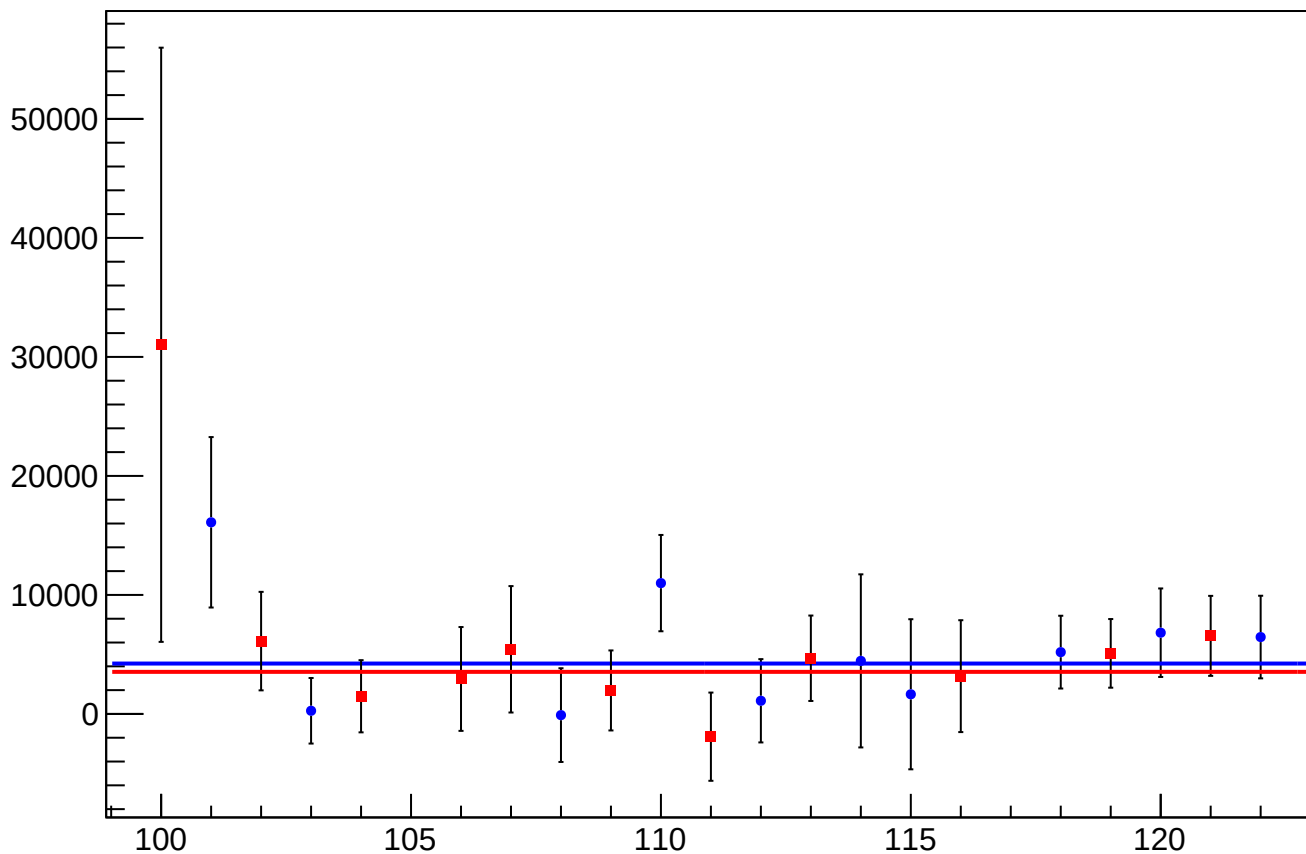
Right: 0.000+/-0.000 χ^2/NDF : 3419070.4/21

In: 0.000+/-0.000 χ^2/NDF : 1415972.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3419070.4/21

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4234.265+/-1226.416 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3535.596+/-1154.988 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

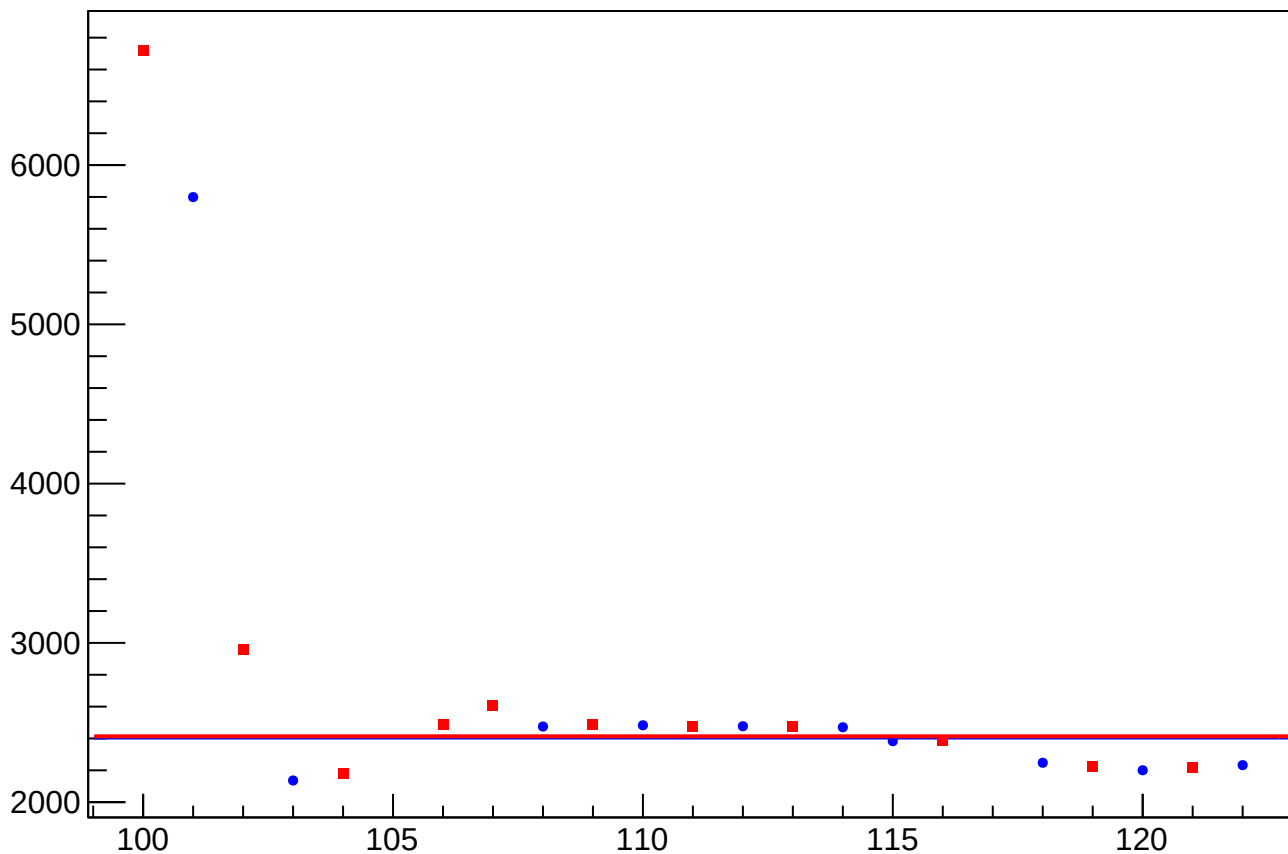
Right: 3863.993+/-840.818 χ^2/NDF : 16.7/20

In: 4234.265+/-1226.416 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3863.993+/-840.818 χ^2/NDF : 16.7/20

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2405.872+/-0.867 χ^2/NDF : 487002.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2413.504+/-0.817 χ^2/NDF : 126587.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

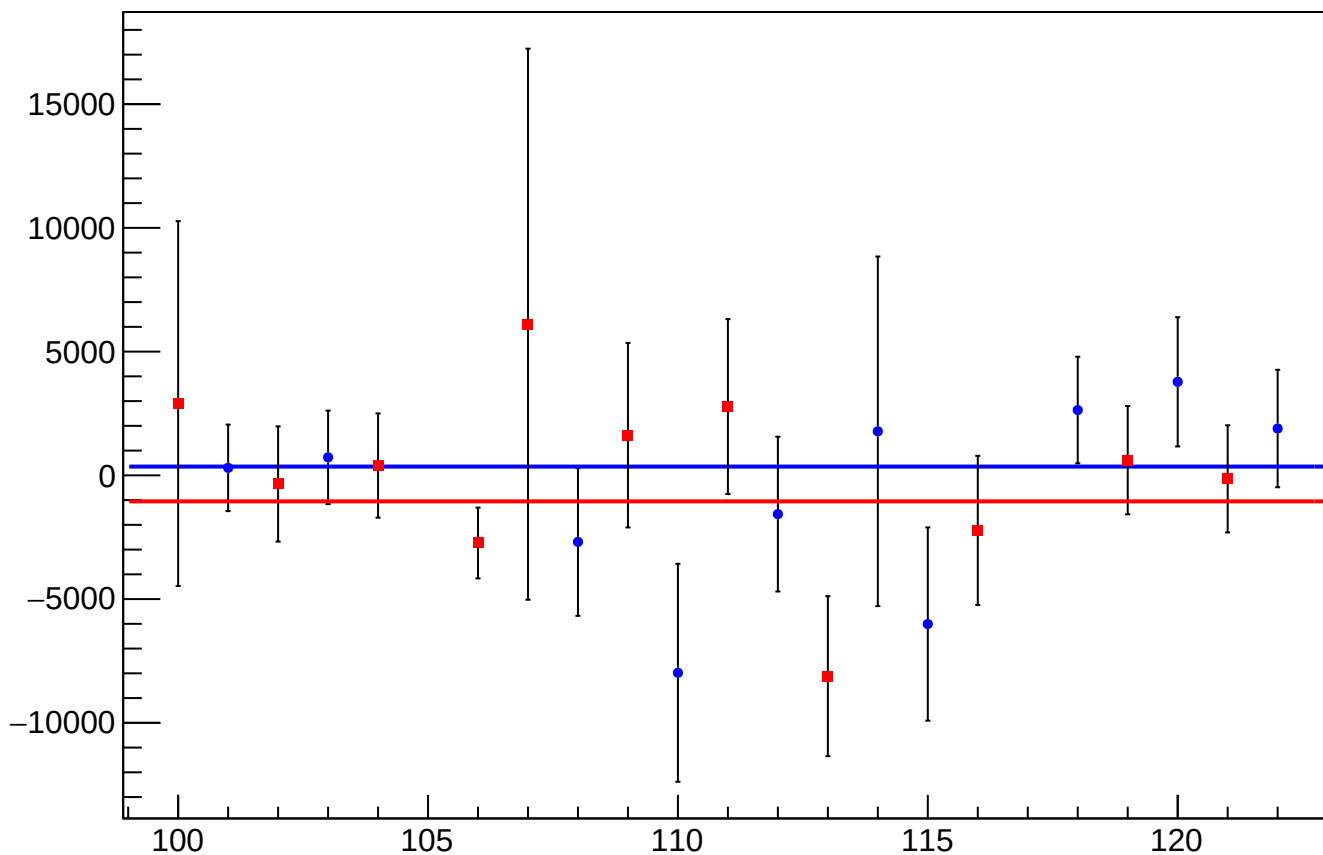
Right: 2409.917+/-0.595 χ^2/NDF : 613631.5/20

In: 2405.872+/-0.867 χ^2/NDF : 487002.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.917+/-0.595 χ^2/NDF : 613631.5/20

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 354.248+/-816.890 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1051.640+/-765.647 χ^2/NDF : 10.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

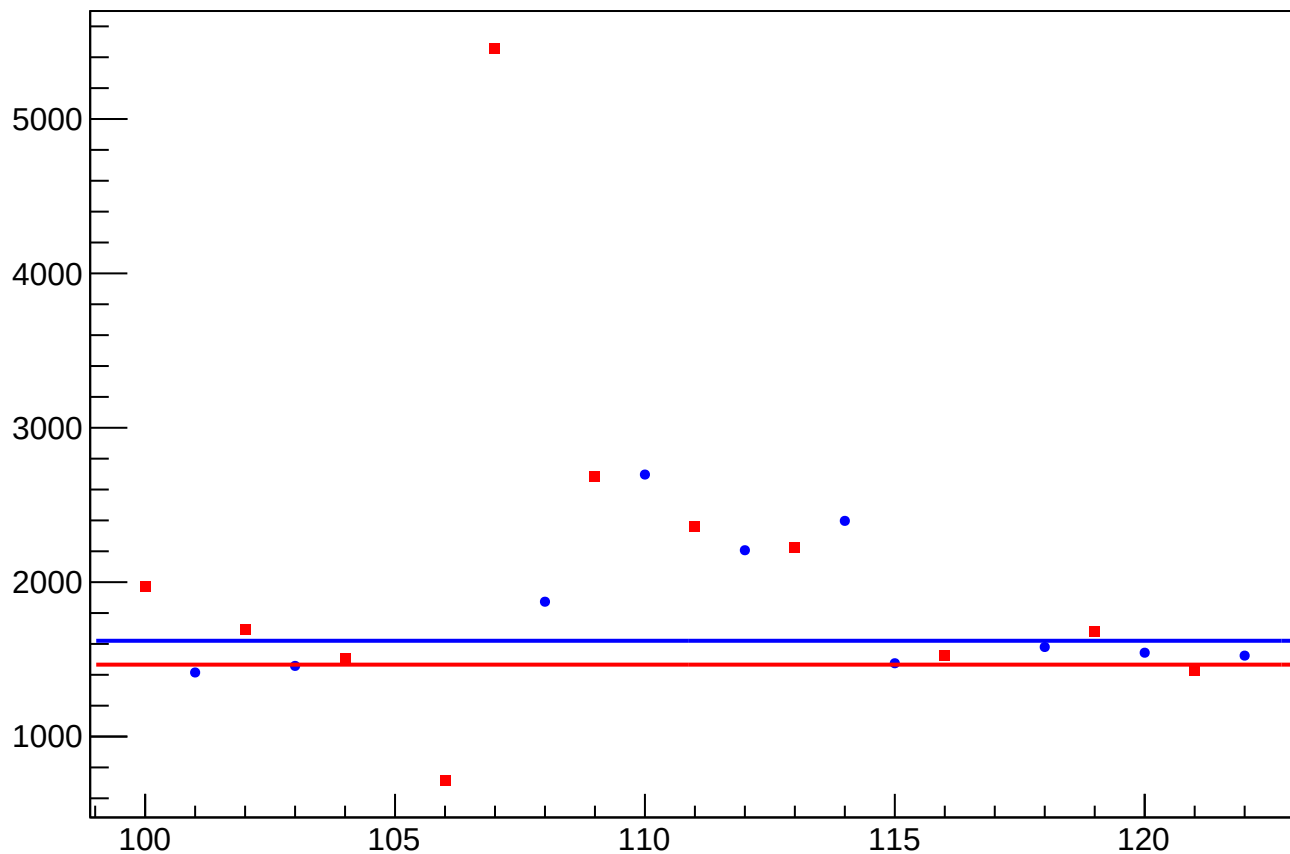
Right: -394.171+/-558.632 χ^2/NDF : 22.6/20

In: 354.248+/-816.890 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -394.171+/-558.632 χ^2/NDF : 22.6/20

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1620.385+/-0.578 χ^2/NDF : 279374.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1465.808+/-0.541 χ^2/NDF : 1312557.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

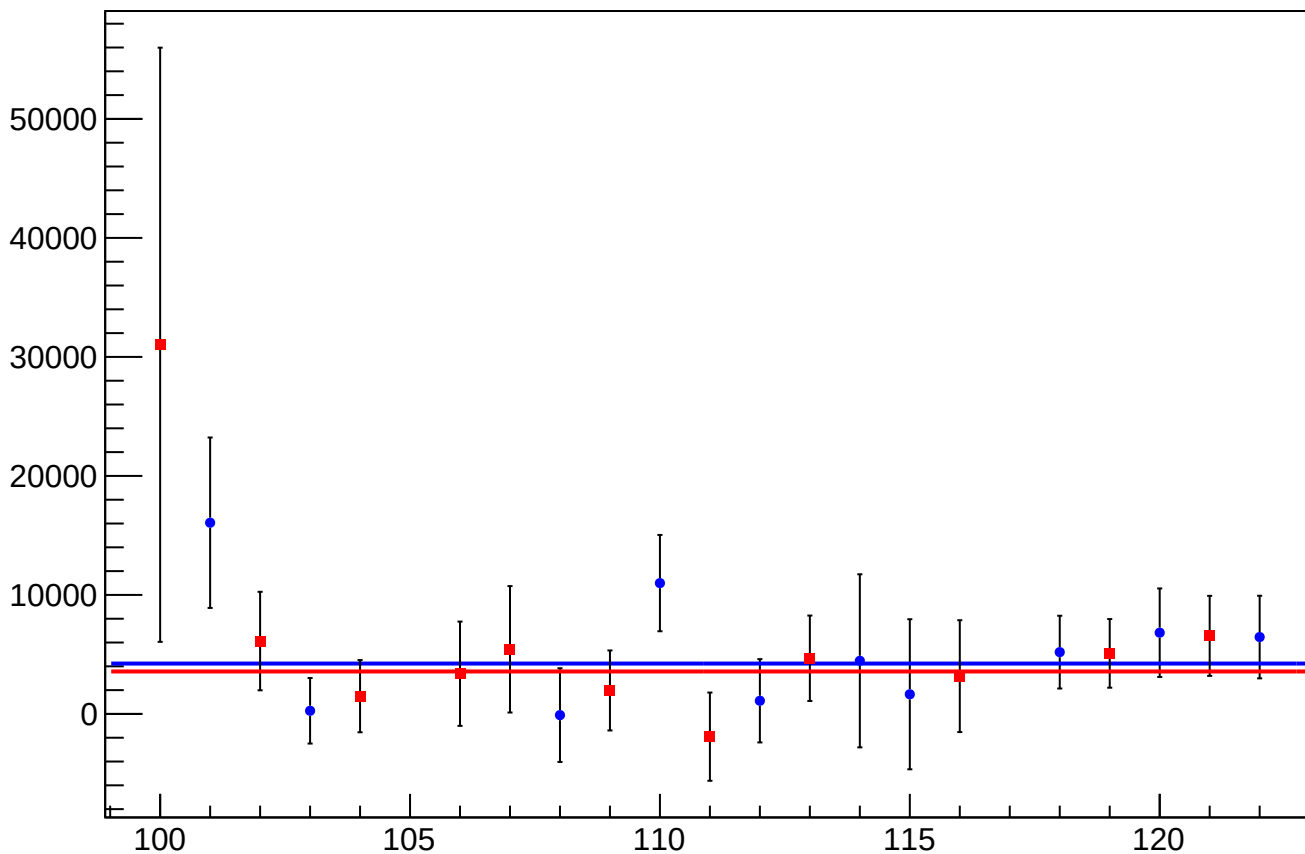
Right: 1538.096+/-0.395 χ^2/NDF : 1630055.4/20

In: 1620.385+/-0.578 χ^2/NDF : 279374.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.096+/-0.395 χ^2/NDF : 1630055.4/20

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4233.165+/-1226.417 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3567.308+/-1155.338 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

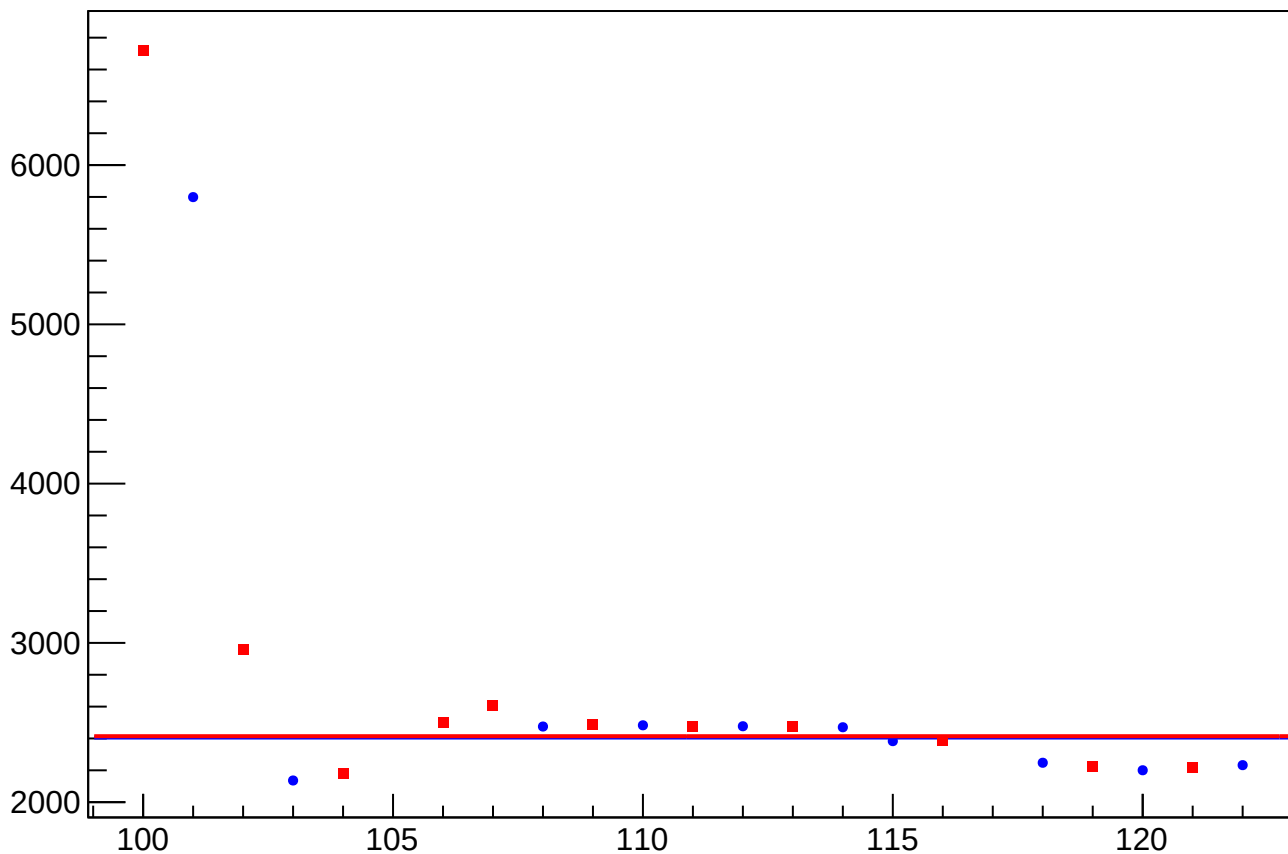
Right: 3880.383+/-840.953 χ^2/NDF : 16.7/20

In: 4233.165+/-1226.417 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3880.383+/-840.953 χ^2/NDF : 16.7/20

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2405.872+/-0.867 χ^2/NDF : 487003.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2414.204+/-0.817 χ^2/NDF : 126765.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

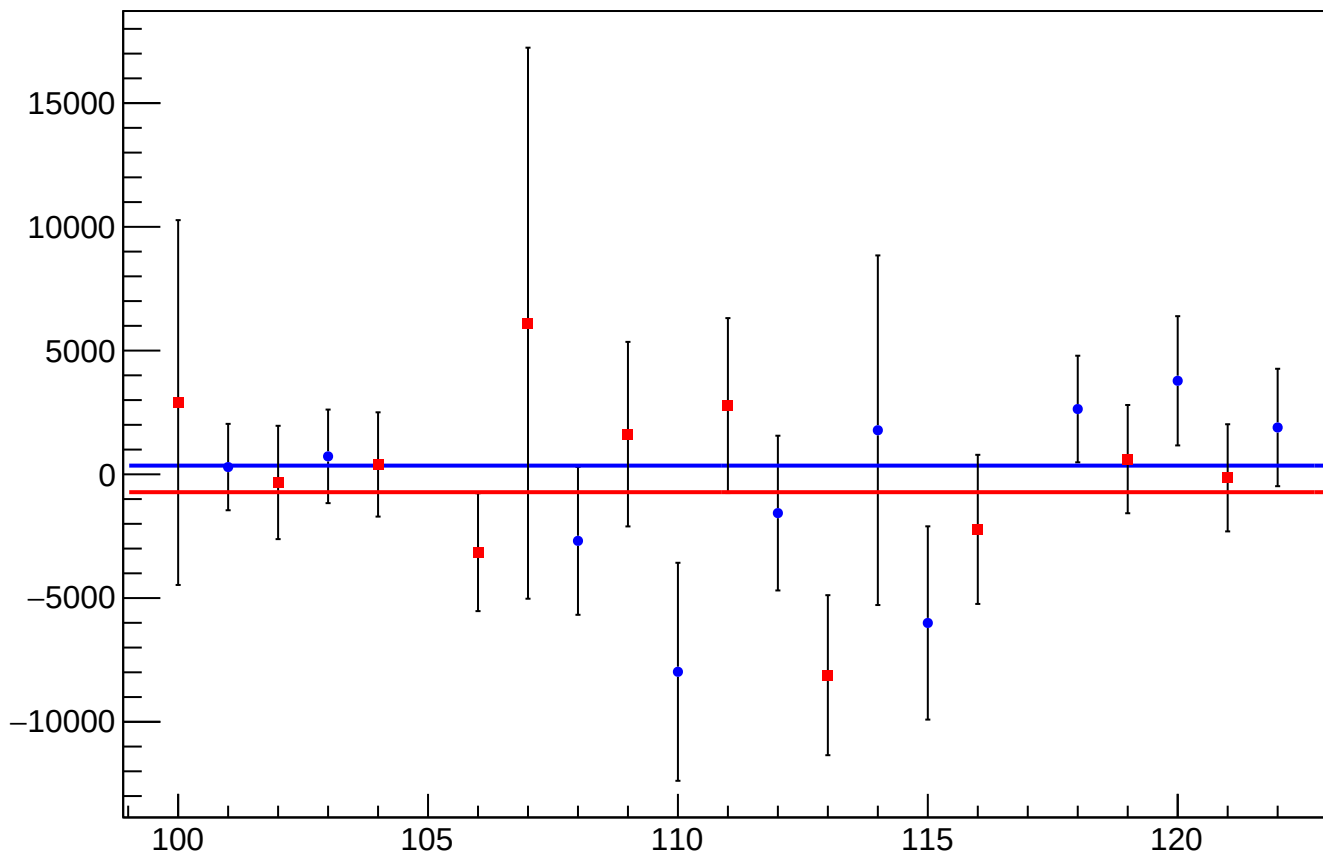
Right: 2410.286+/-0.595 χ^2/NDF : 613817.1/20

In: 2405.872+/-0.867 χ^2/NDF : 487003.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2410.286+/-0.595 χ^2/NDF : 613817.1/20

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 352.244+/-816.643 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -721.172+/-845.425 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

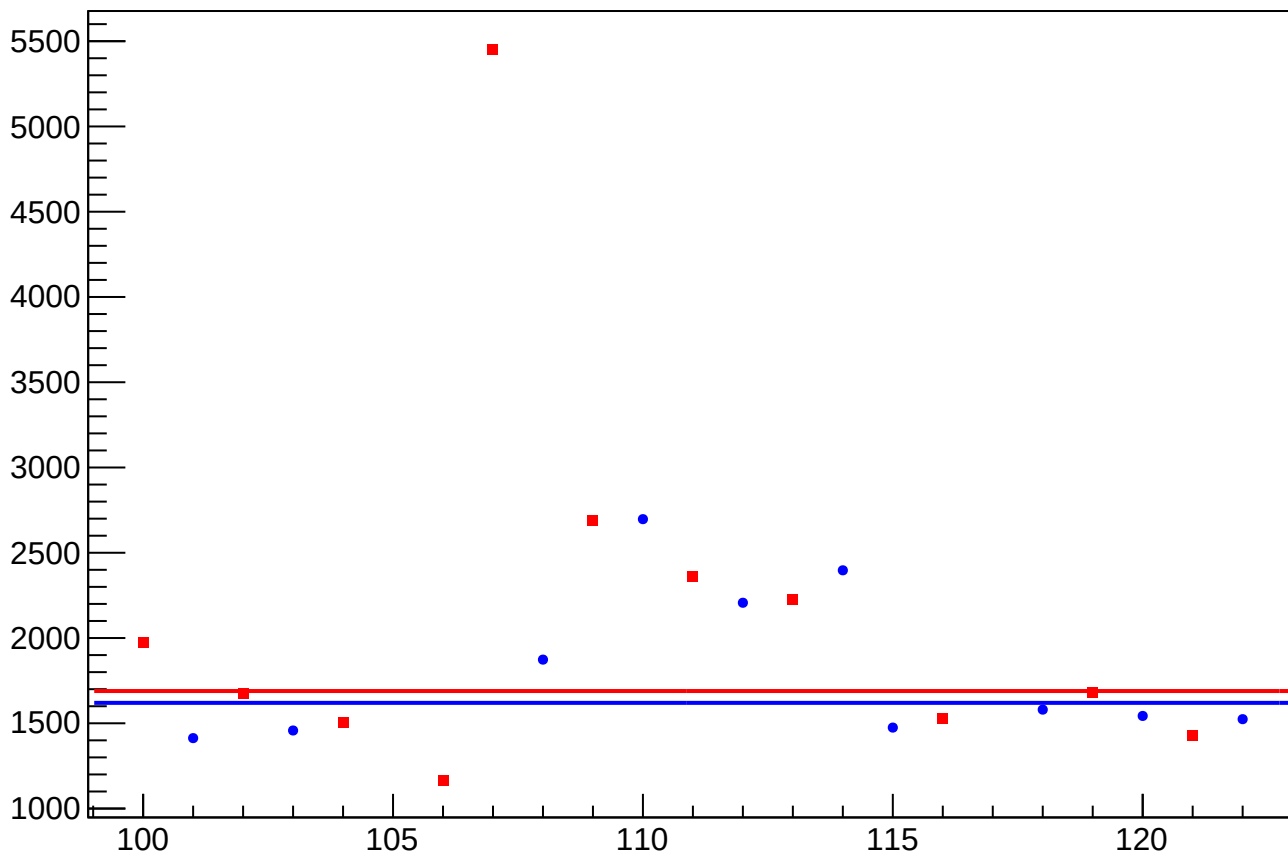
Right: -165.882+/-587.365 χ^2/NDF : 21.1/20

In: 352.244+/-816.643 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.882+/-587.365 χ^2/NDF : 21.1/20

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1619.850+/-0.577 χ^2/NDF : 279967.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1689.224+/-0.598 χ^2/NDF : 650094.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

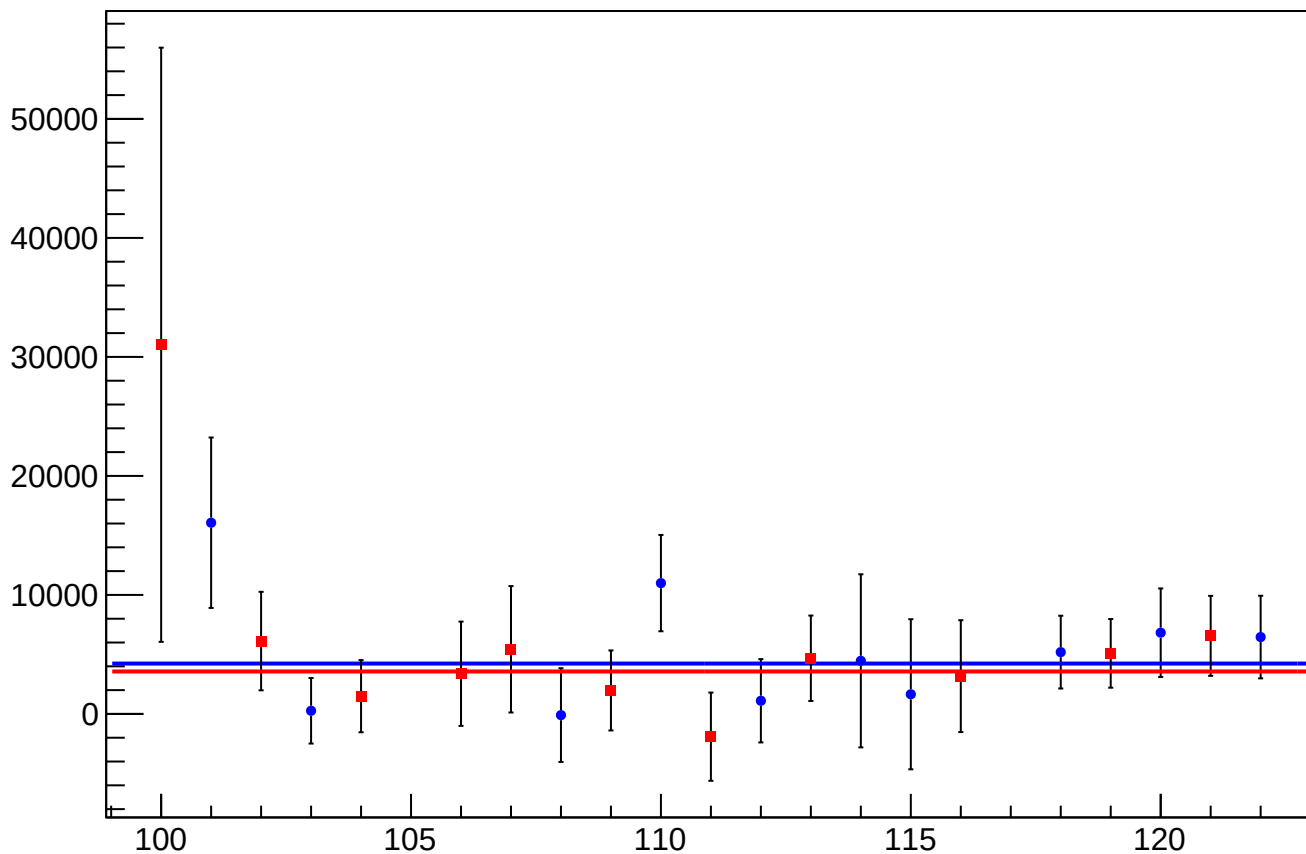
Right: 1653.336+/-0.415 χ^2/NDF : 937028.6/20

In: 1619.850+/-0.577 χ^2/NDF :279967.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1653.336+/-0.415 χ^2/NDF : 937028.6/20

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4233.165+/-1226.417 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3567.308+/-1155.338 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

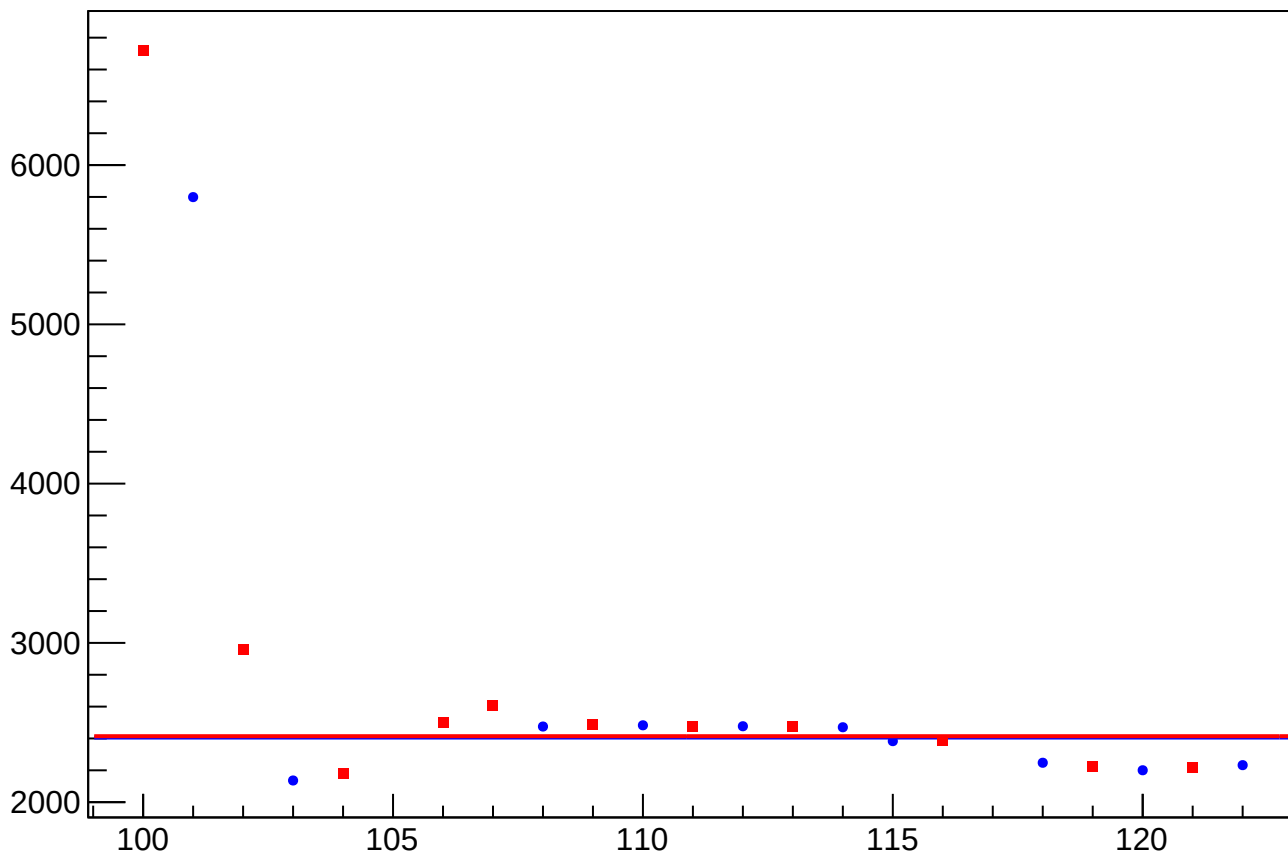
Right: 3880.383+/-840.953 χ^2/NDF : 16.7/20

In: 4233.165+/-1226.417 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3880.383+/-840.953 χ^2/NDF : 16.7/20

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2405.872+/-0.867 χ^2/NDF : 487003.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2414.204+/-0.817 χ^2/NDF : 126765.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

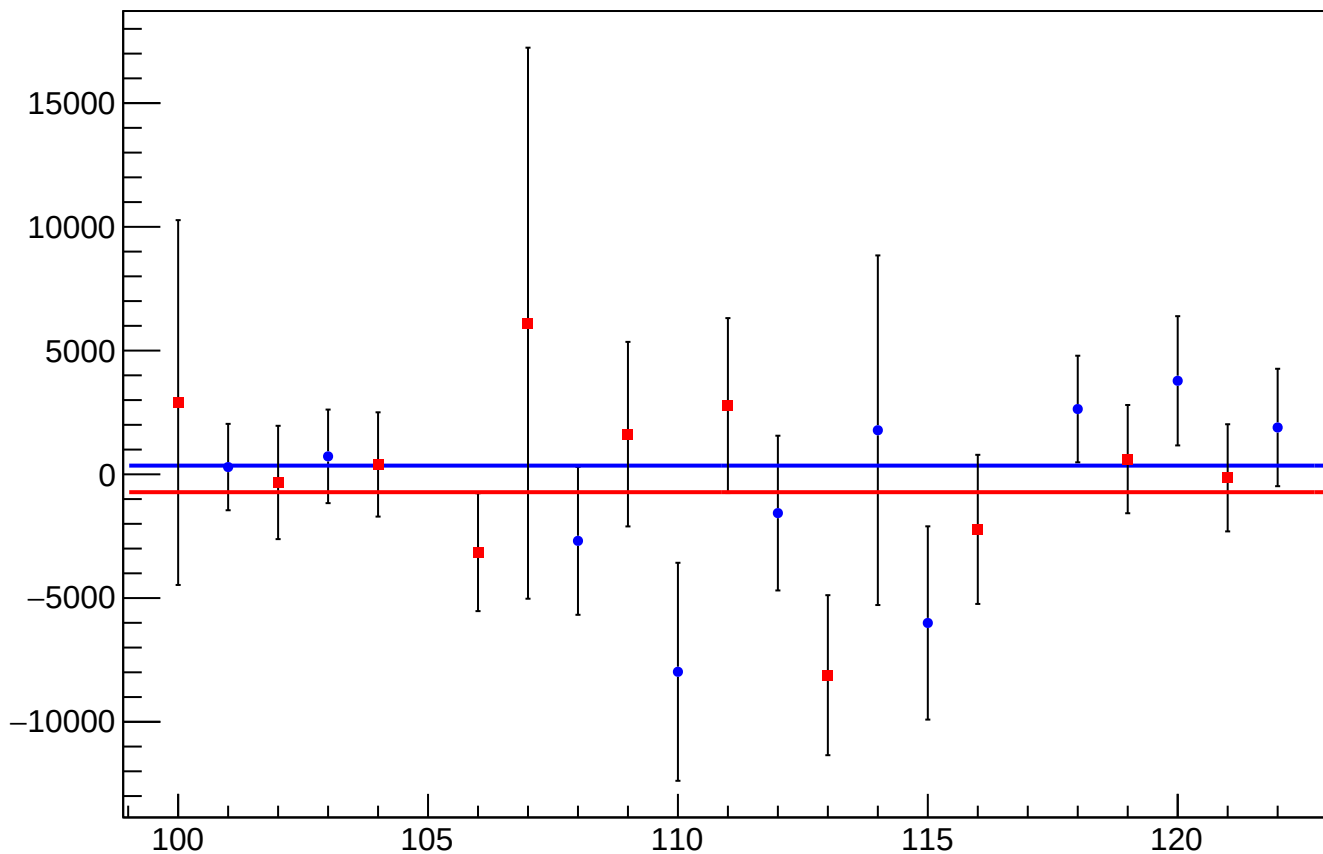
Right: 2410.286+/-0.595 χ^2/NDF : 613817.1/20

In: 2405.872+/-0.867 χ^2/NDF : 487003.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2410.286+/-0.595 χ^2/NDF : 613817.1/20

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 352.244+/-816.643 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -721.172+/-845.425 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

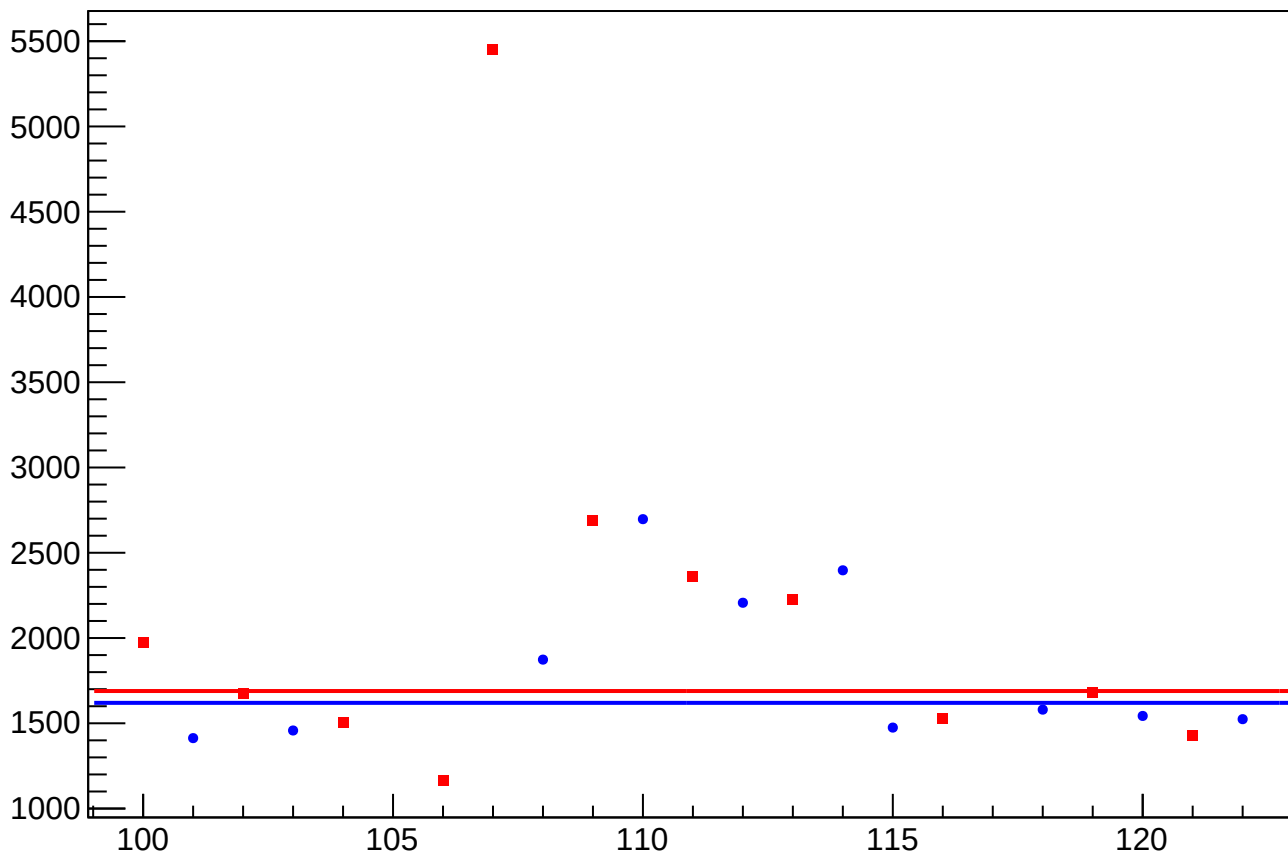
Right: -165.882+/-587.365 χ^2/NDF : 21.1/20

In: 352.244+/-816.643 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.882+/-587.365 χ^2/NDF : 21.1/20

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1619.850+/-0.577 χ^2/NDF : 279967.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1689.224+/-0.598 χ^2/NDF : 650094.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

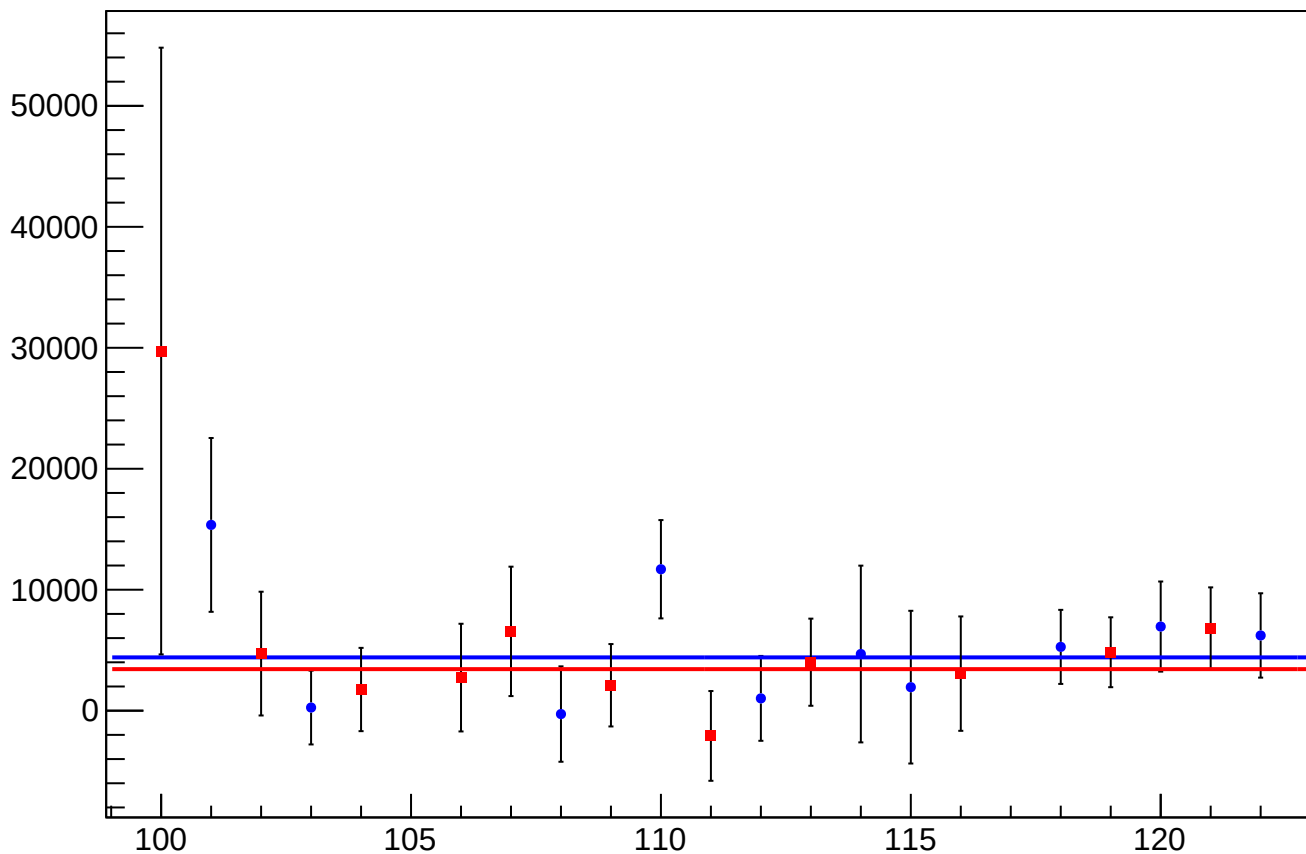
Right: 1653.336+/-0.415 χ^2/NDF : 937028.6/20

In: 1619.850+/-0.577 χ^2/NDF : 279967.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1653.336+/-0.415 χ^2/NDF : 937028.6/20

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4406.103+/-1252.077 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3434.806+/-1196.768 χ^2/NDF : 5.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

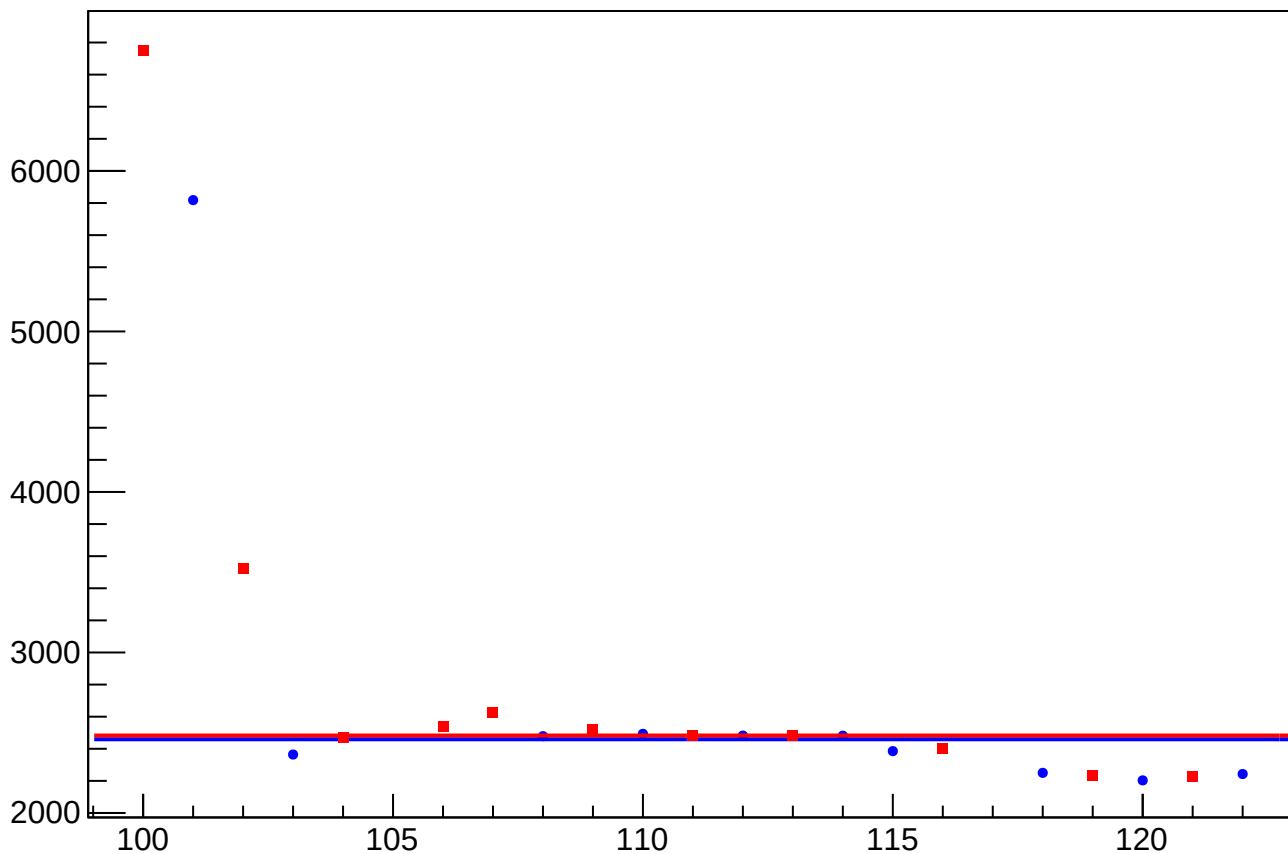
Right: 3898.528+/-865.135 χ^2/NDF : 16.4/20

In: 4406.103+/-1252.077 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3898.528+/-865.135 χ^2/NDF : 16.4/20

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2459.238+/-0.885 χ^2/NDF : 466089.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2482.755+/-0.846 χ^2/NDF : 169816.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

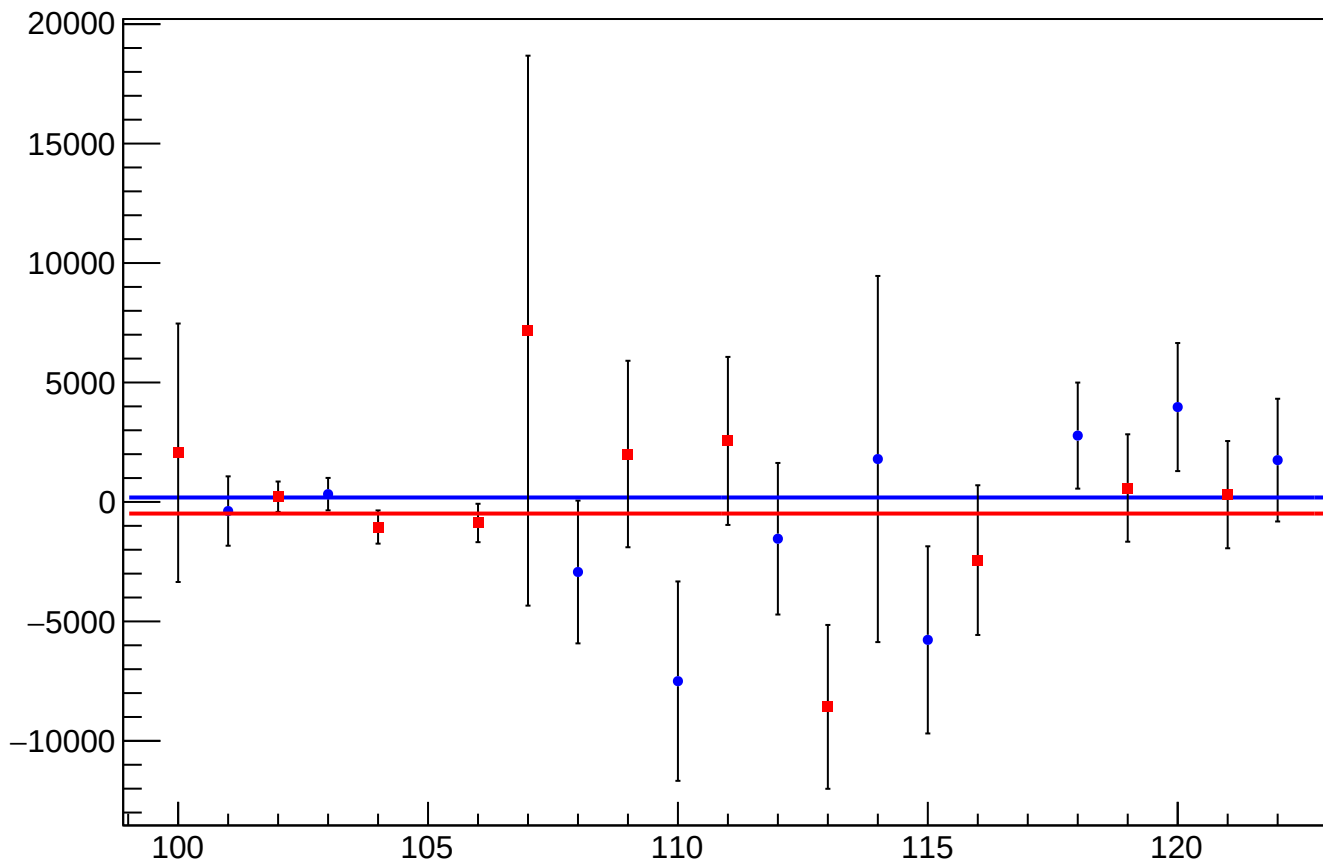
Right: 2471.527+/-0.612 χ^2/NDF : 636275.0/20

In: 2459.238+/-0.885 χ^2/NDF : 466089.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2471.527+/-0.612 χ^2/NDF : 636275.0/20

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 187.035+/-535.618 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -485.961+/-381.705 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

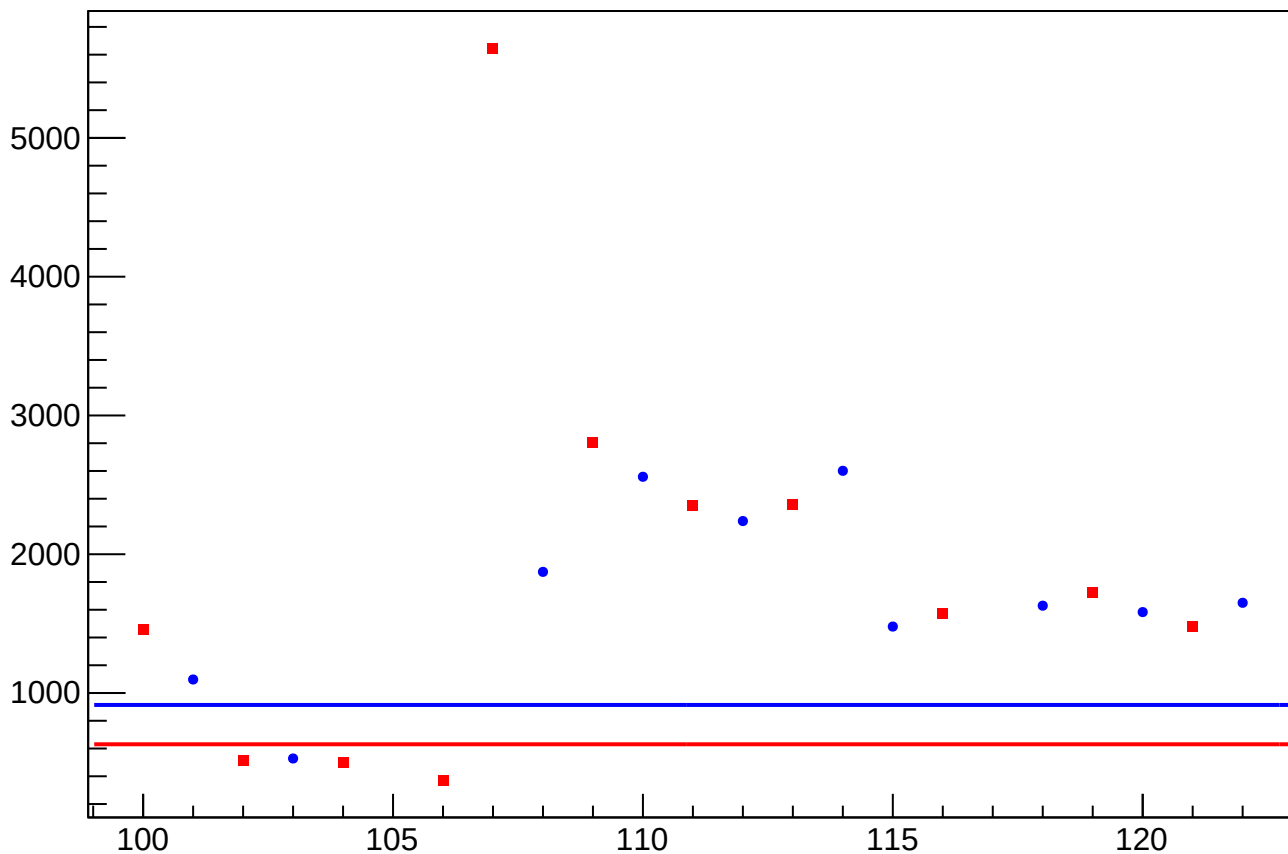
Right: -259.289+/-310.848 χ^2/NDF : 22.4/20

In: 187.035+/-535.618 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.289+/-310.848 χ^2/NDF : 22.4/20

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 914.040+/-0.379 χ^2/NDF : 2177897.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 630.619+/-0.270 χ^2/NDF : 3327270.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

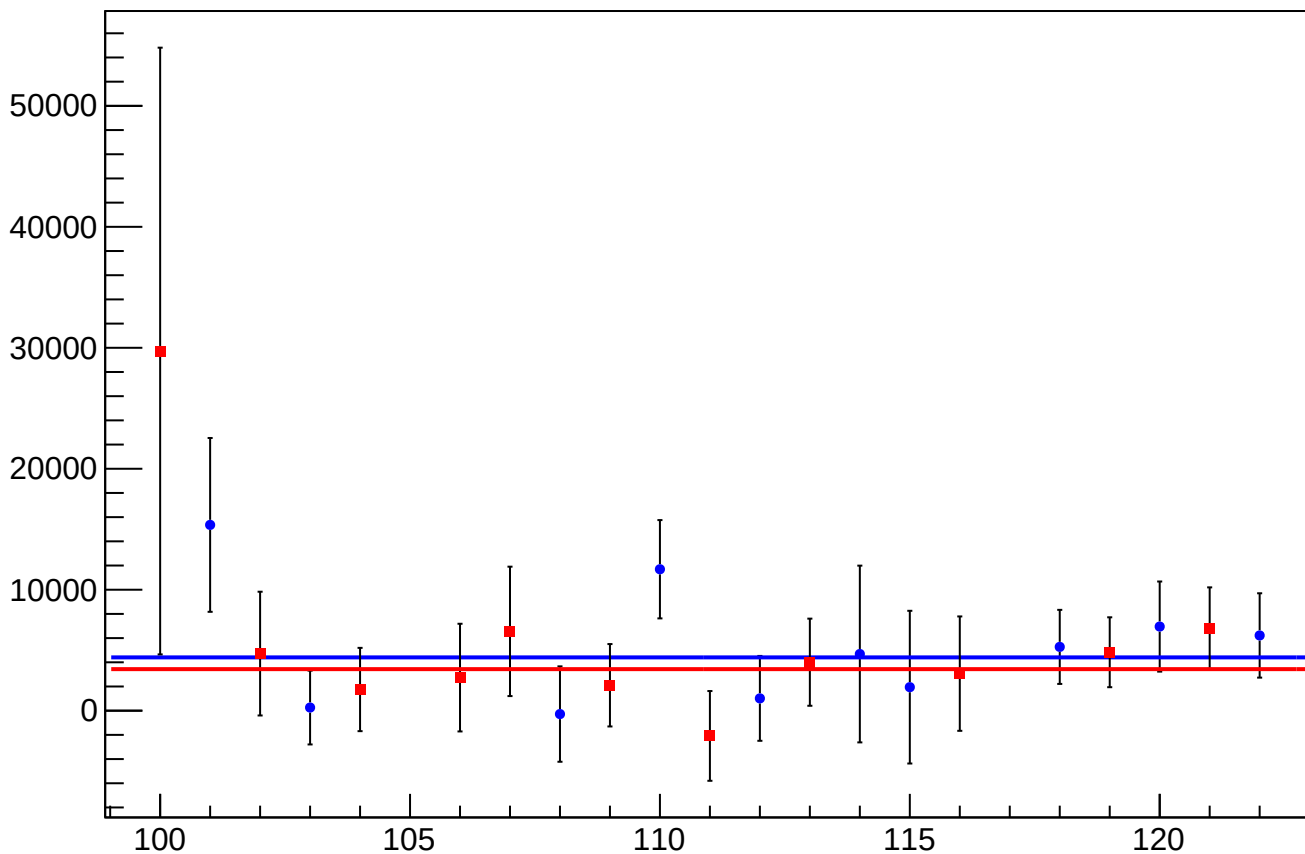
Right: 726.078+/-0.220 χ^2/NDF : 5876551.5/20

In: 914.040+/-0.379 χ^2/NDF : 2177897.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.078+/-0.220 χ^2/NDF : 5876551.5/20

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4406.097+/-1252.076 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3434.803+/-1196.768 χ^2/NDF : 5.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

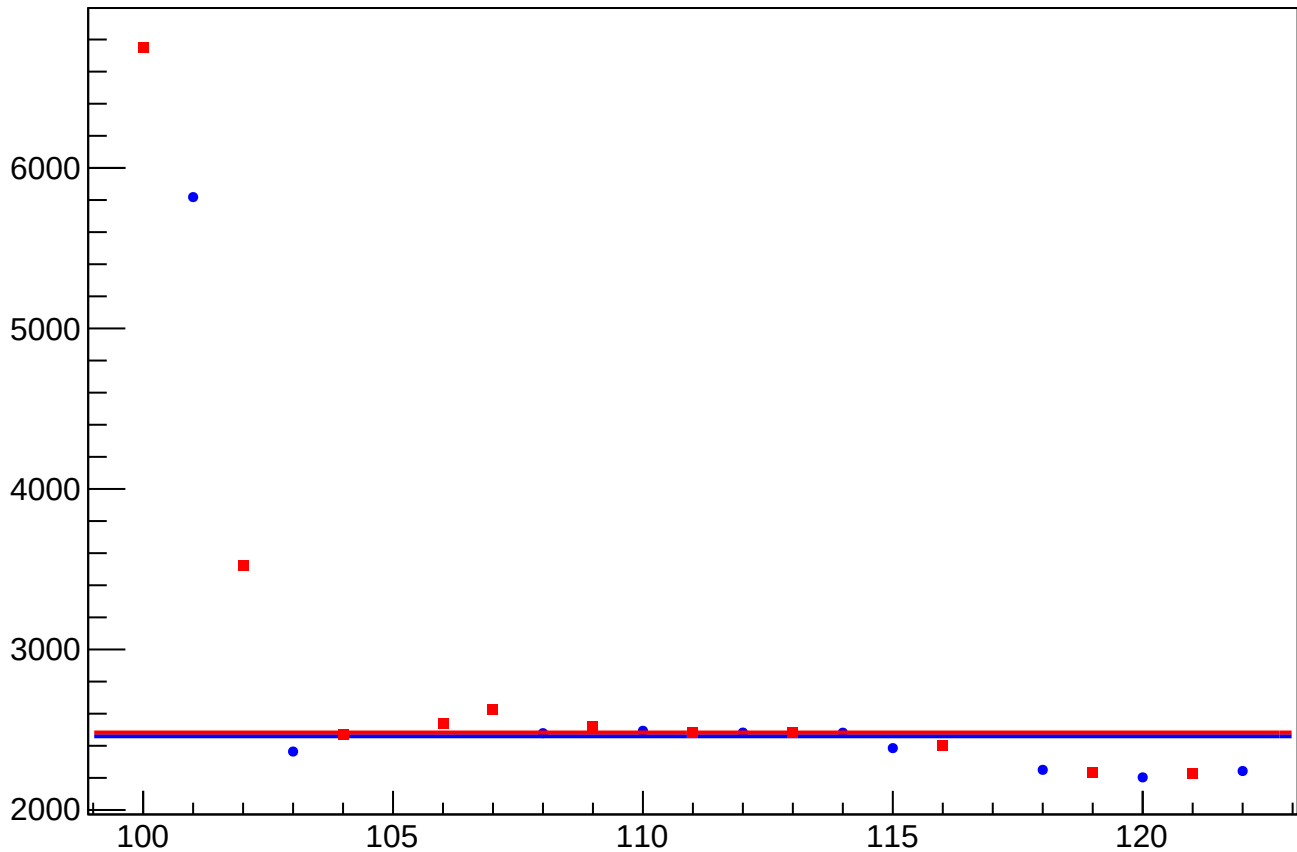
Right: 3898.524+/-865.135 χ^2/NDF : 16.4/20

In: 4406.097+/-1252.076 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3898.524+/-865.135 χ^2/NDF : 16.4/20

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2459.237+/-0.885 χ^2/NDF : 466090.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2482.753+/-0.846 χ^2/NDF : 169815.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

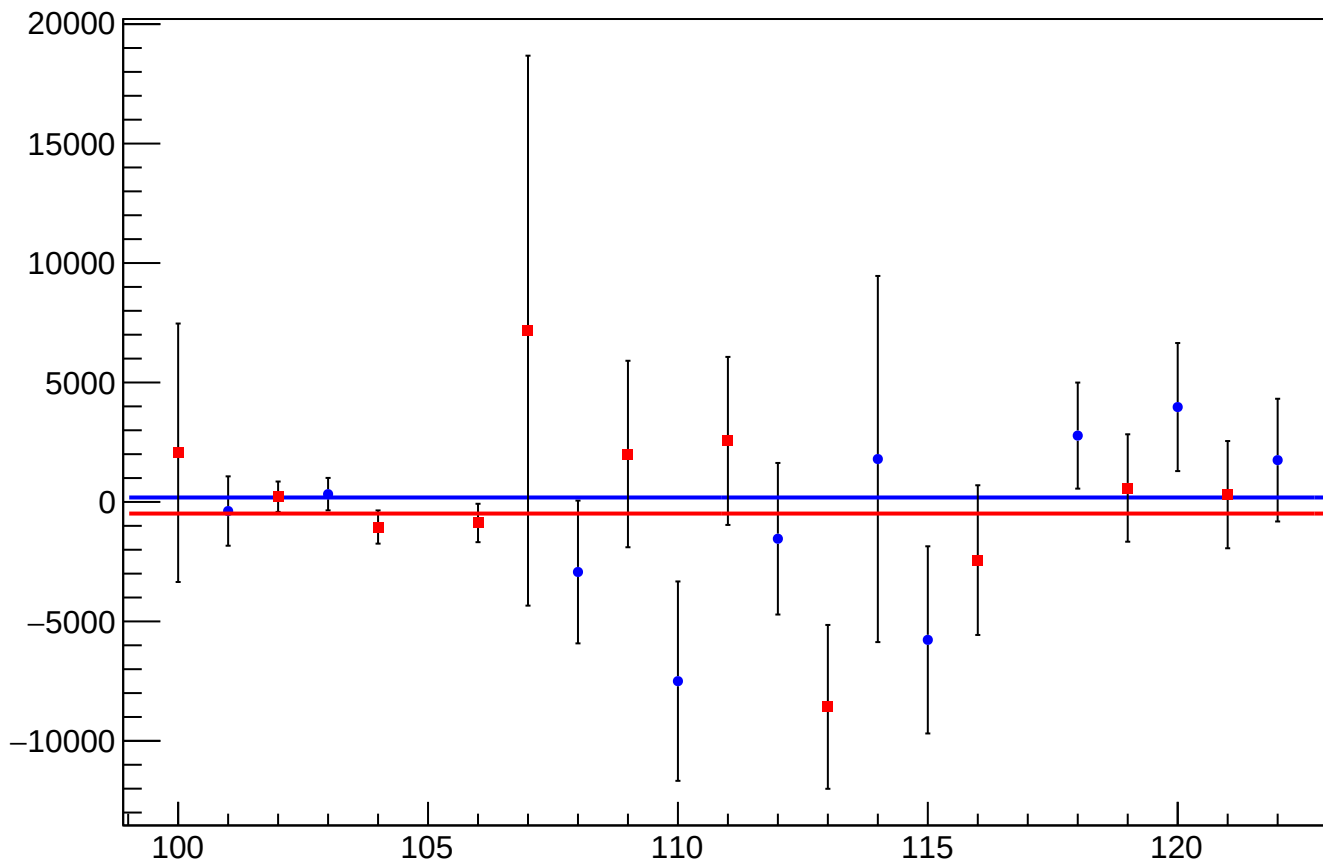
Right: 2471.526+/-0.612 χ^2/NDF : 636274.5/20

In: 2459.237+/-0.885 χ^2/NDF : 466090.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2471.526+/-0.612 χ^2/NDF : 636274.5/20

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 187.030+/-535.622 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -485.966+/-381.711 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

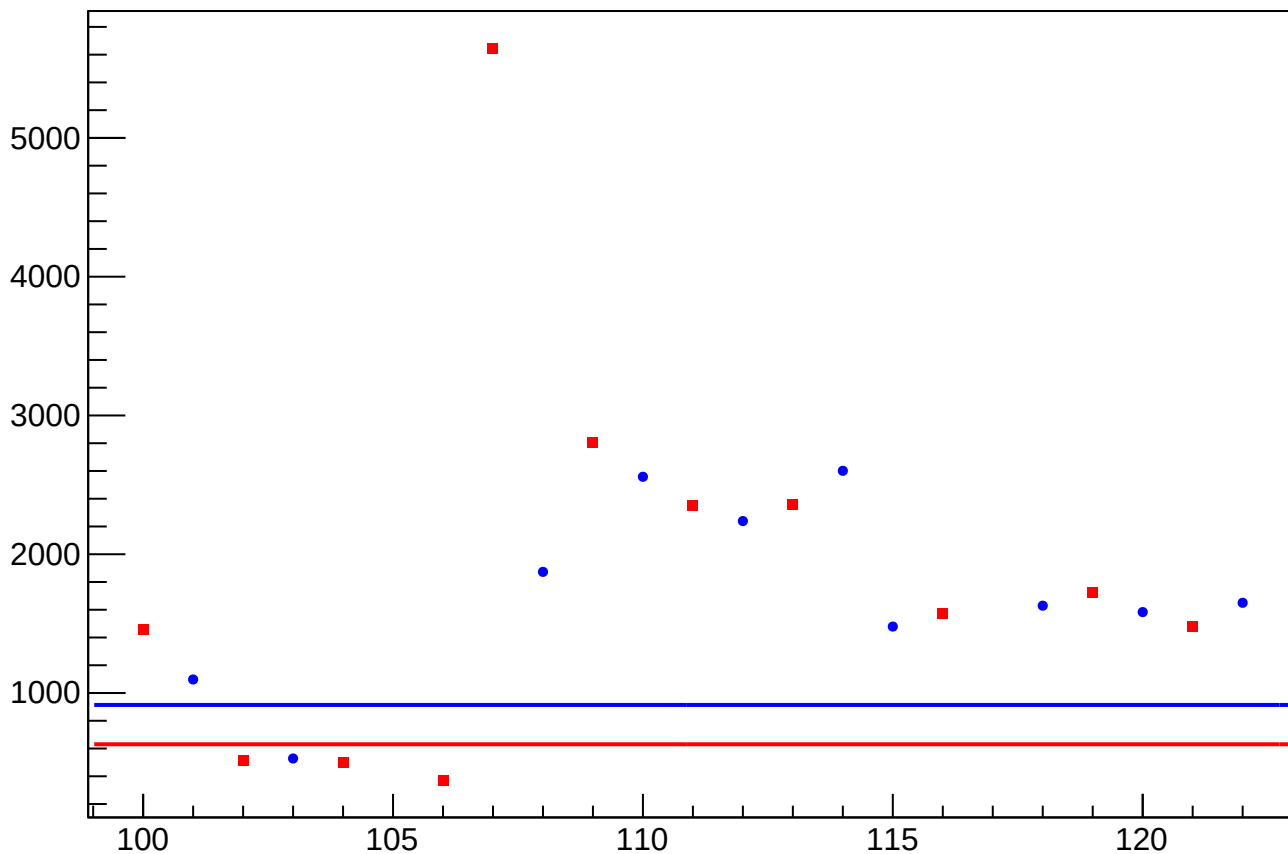
Right: -259.292+/-310.851 χ^2/NDF : 22.4/20

In: 187.030+/-535.622 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.292+/-310.851 χ^2/NDF : 22.4/20

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 914.050+/-0.379 χ^2/NDF : 2177855.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 630.632+/-0.270 χ^2/NDF : 3327208.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

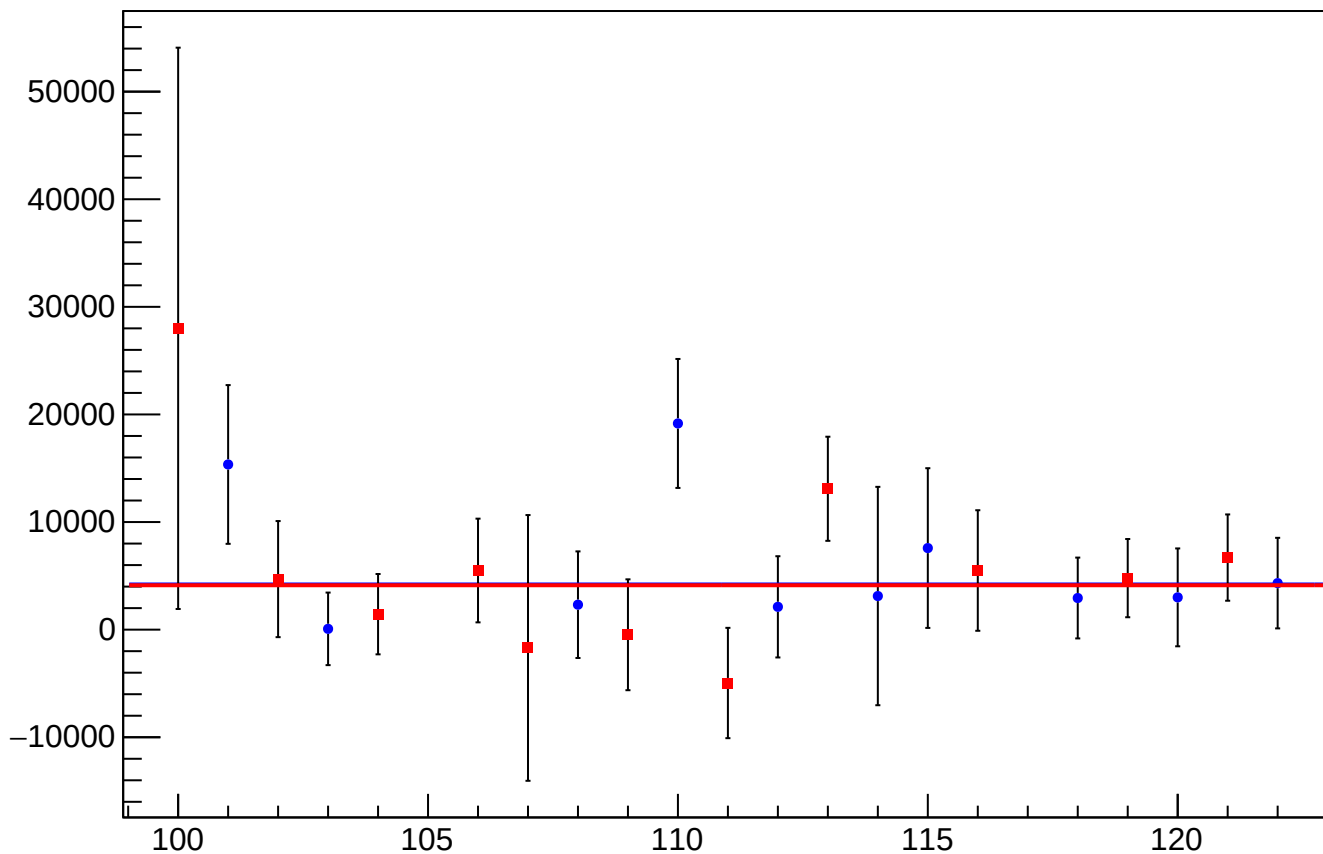
Right: 726.091+/-0.220 χ^2/NDF : 5876431.2/20

In: 914.050+/-0.379 χ^2/NDF : 2177855.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.091+/-0.220 χ^2/NDF : 5876431.2/20

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4196.536+/-1536.232 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4126.926+/-1498.392 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

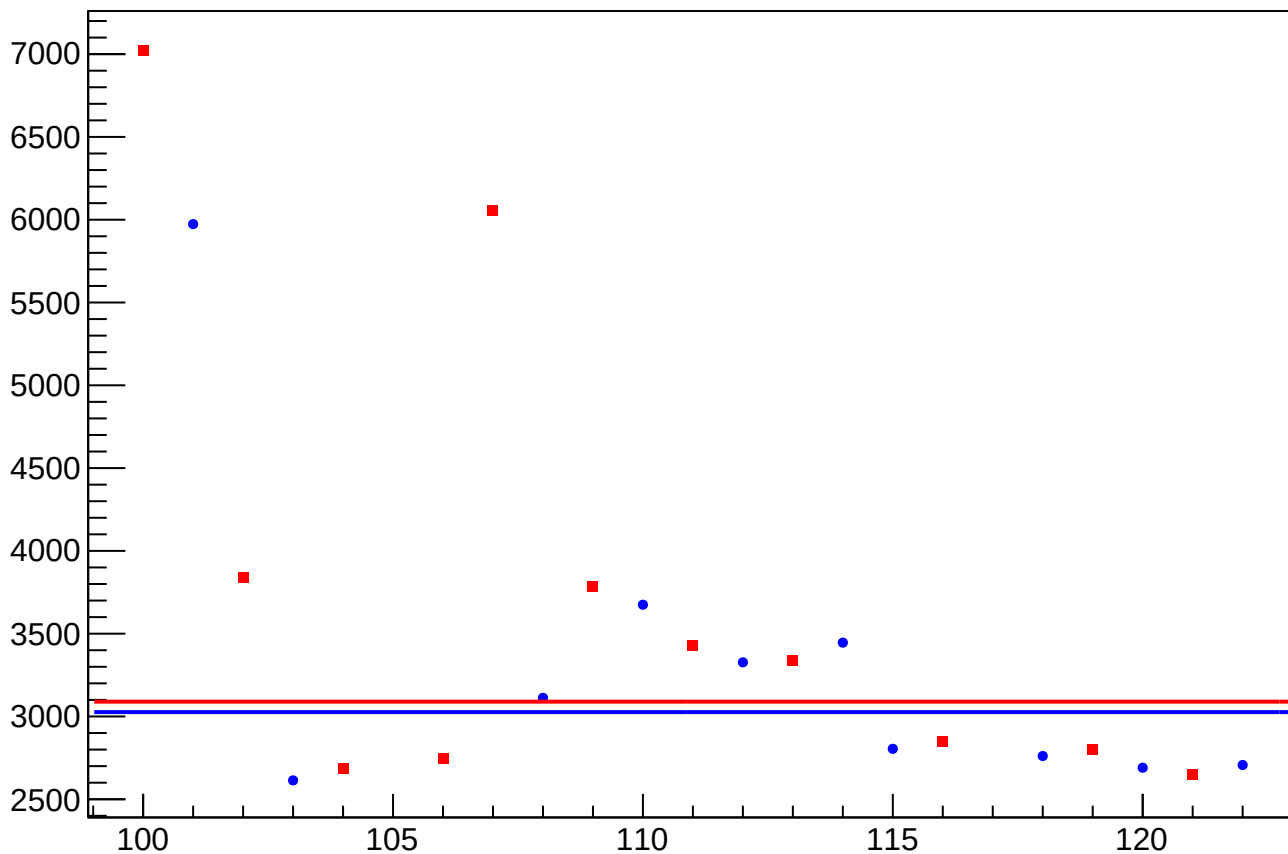
Right: 4160.863+/-1072.651 χ^2/NDF : 20.3/20

In: 4196.536+/-1536.232 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4160.863+/-1072.651 χ^2/NDF : 20.3/20

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3026.345+/-1.086 χ^2/NDF : 419071.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3089.395+/-1.060 χ^2/NDF : 323232.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

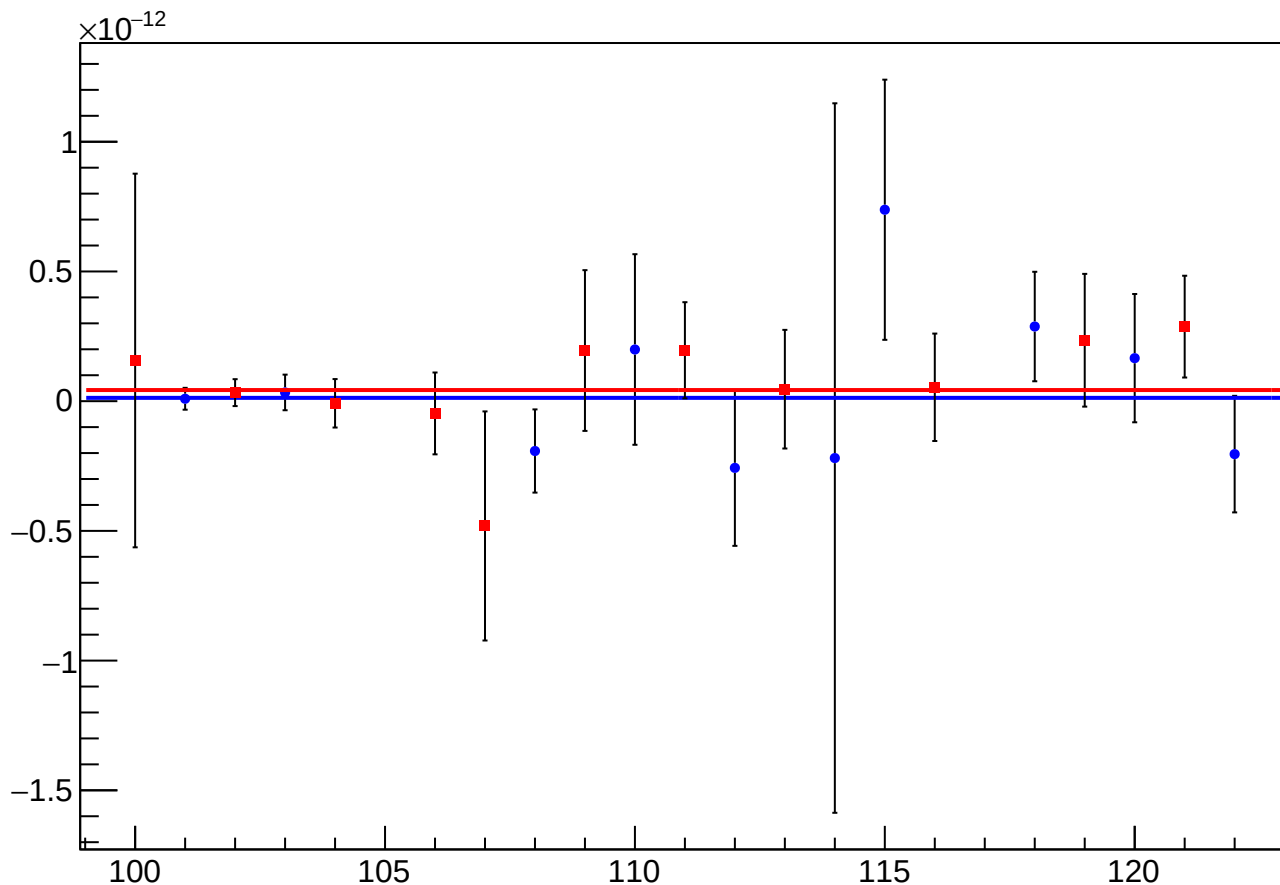
Right: 3058.656+/-0.758 χ^2/NDF : 744030.8/20

In: 3026.345+/-1.086 χ^2/NDF : 419071.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3058.656+/-0.758 χ^2/NDF : 744030.8/20

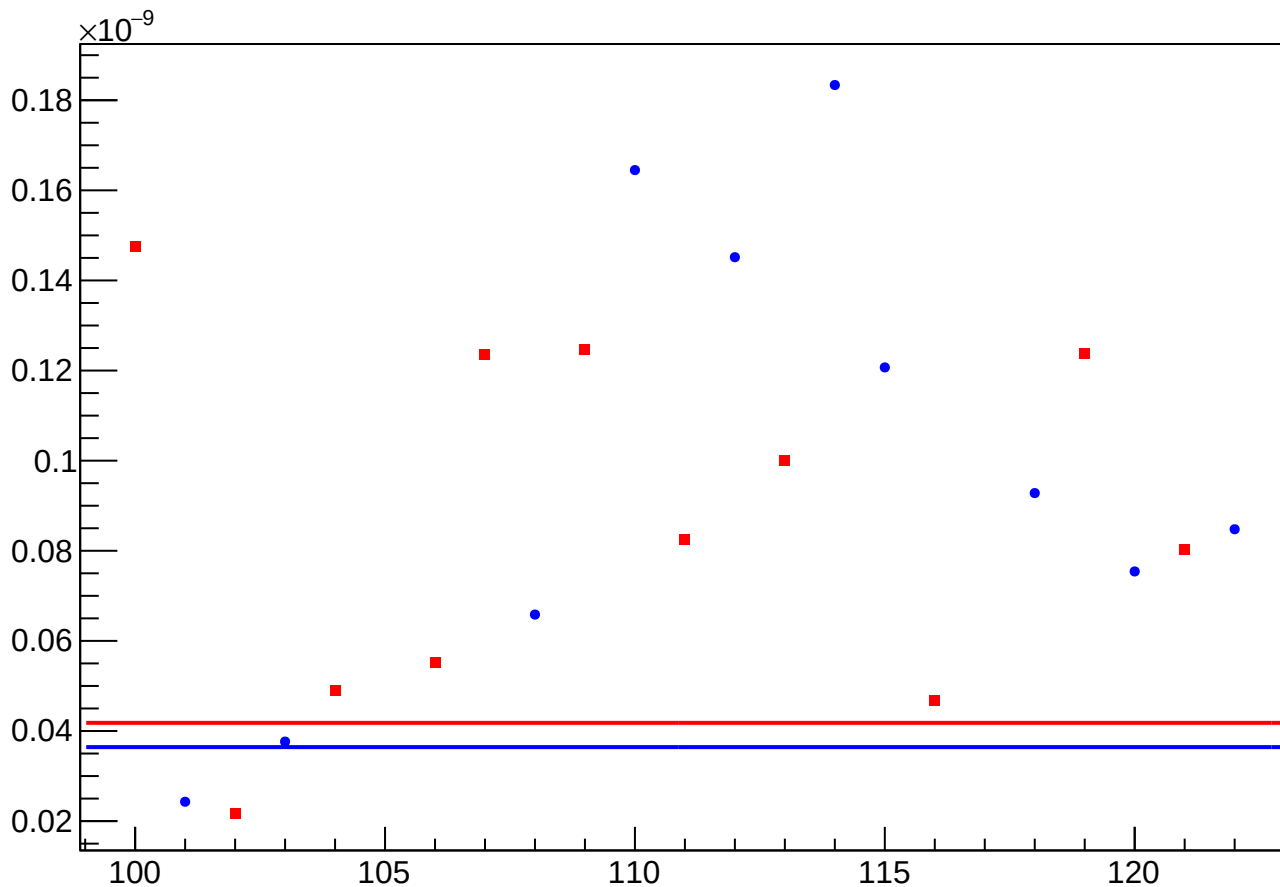
asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.9/9
 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 : 13.4/20
 In: 0.000+/-0.000 χ^2/NDF : 7.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 13.4/20

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1103290.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1092227.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

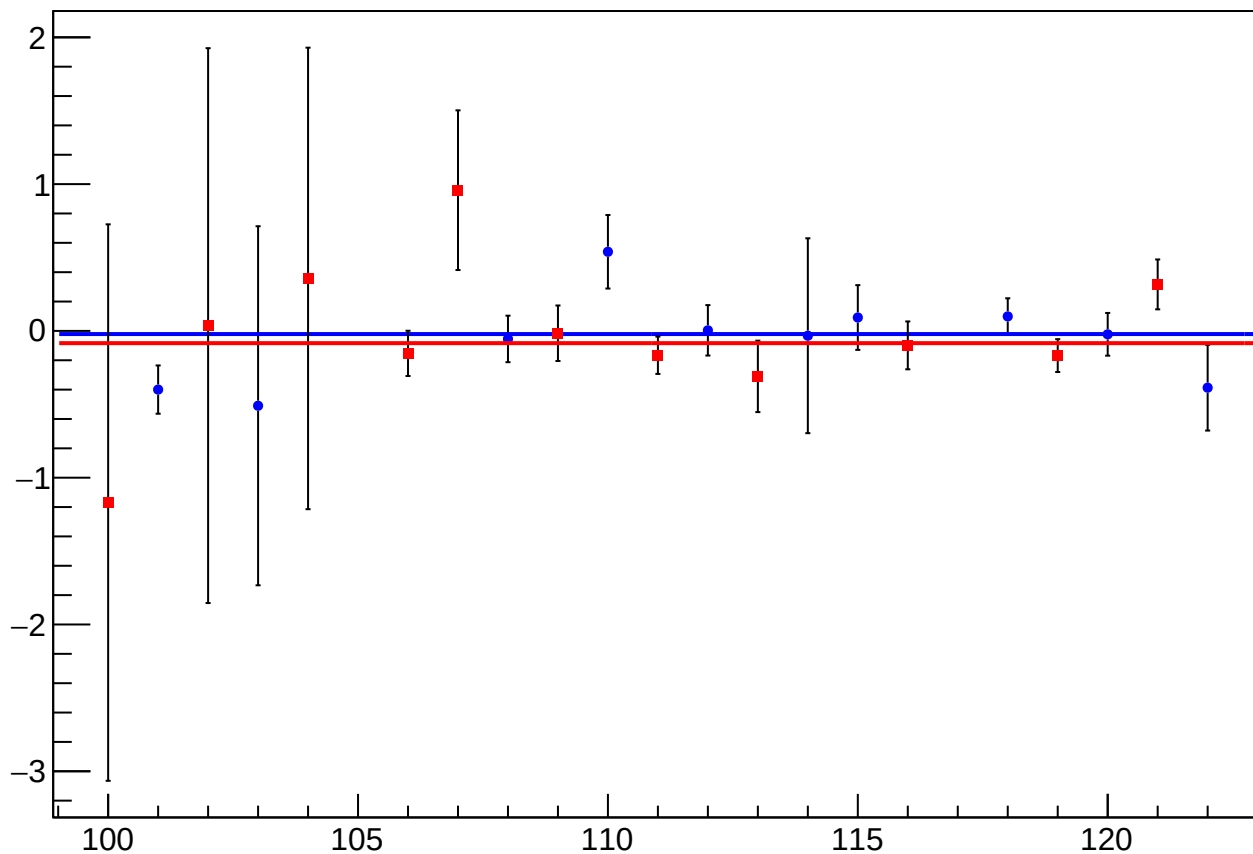
Right: 0.000+/-0.000 χ^2/NDF : 2217512.7/20

In: 0.000+/-0.000 χ^2/NDF : 1103290.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2217512.7/20

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.060 χ^2/NDF : 13.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.083 ± 0.057 χ^2/NDF : 11.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

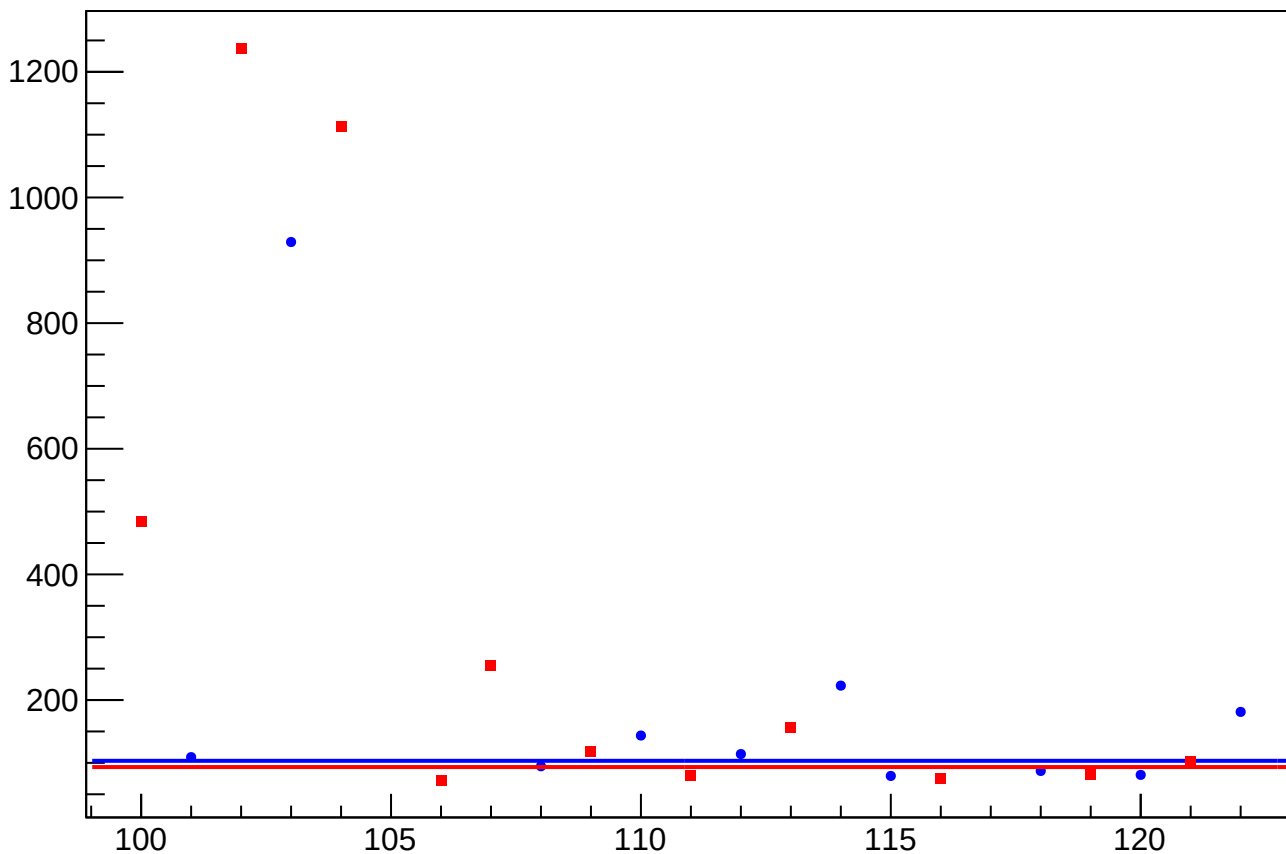
Right: -0.054 ± 0.042 χ^2/NDF : 25.7/20

In: -0.022 ± 0.060 χ^2/NDF : 13.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.054 ± 0.042 χ^2/NDF : 25.7/20

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.260+/-0.043 χ^2/NDF : 1292728.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.326+/-0.040 χ^2/NDF : 2124399.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

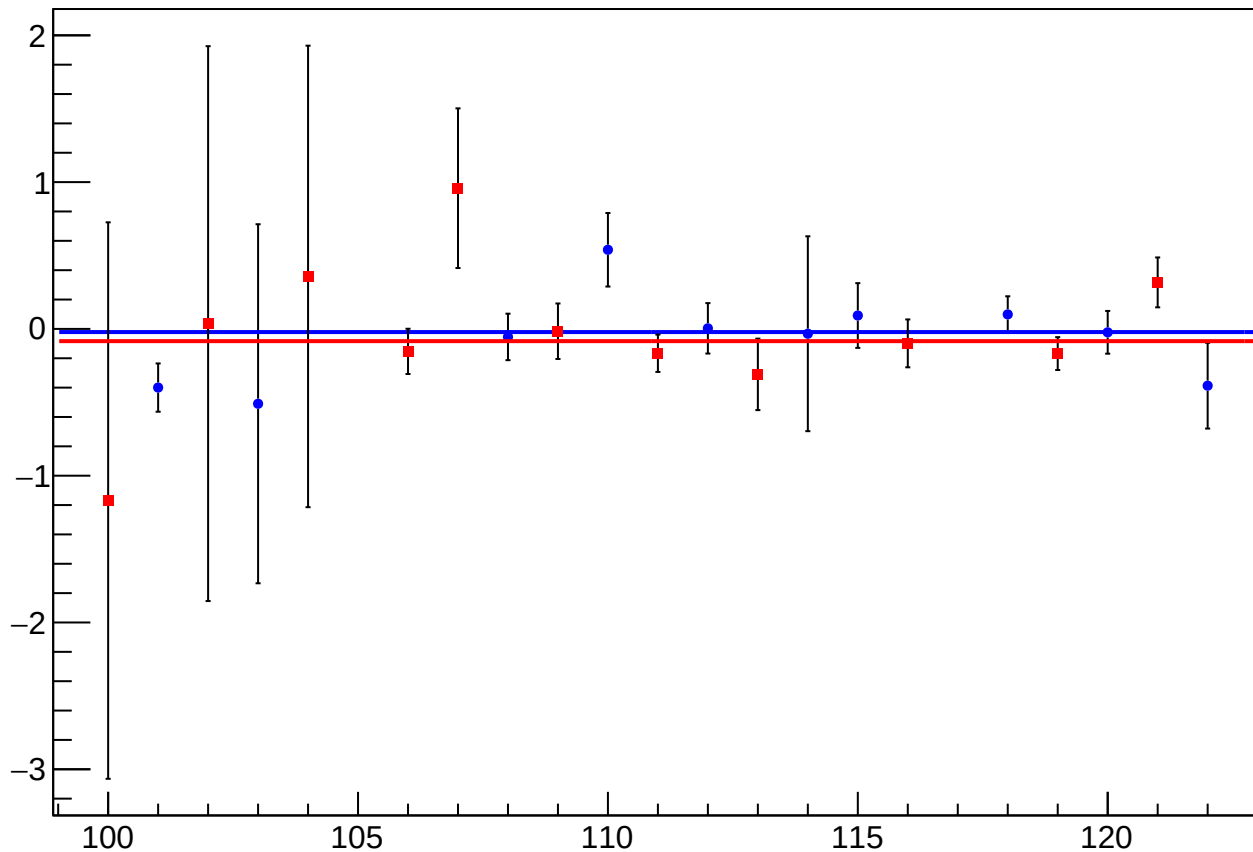
Right: 98.033+/-0.029 χ^2/NDF : 3445664.4/20

In: 103.260+/-0.043 χ^2/NDF : 1292728.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.033+/-0.029 χ^2/NDF : 3445664.4/20

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.060 χ^2/NDF : 13.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.083 ± 0.057 χ^2/NDF : 11.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

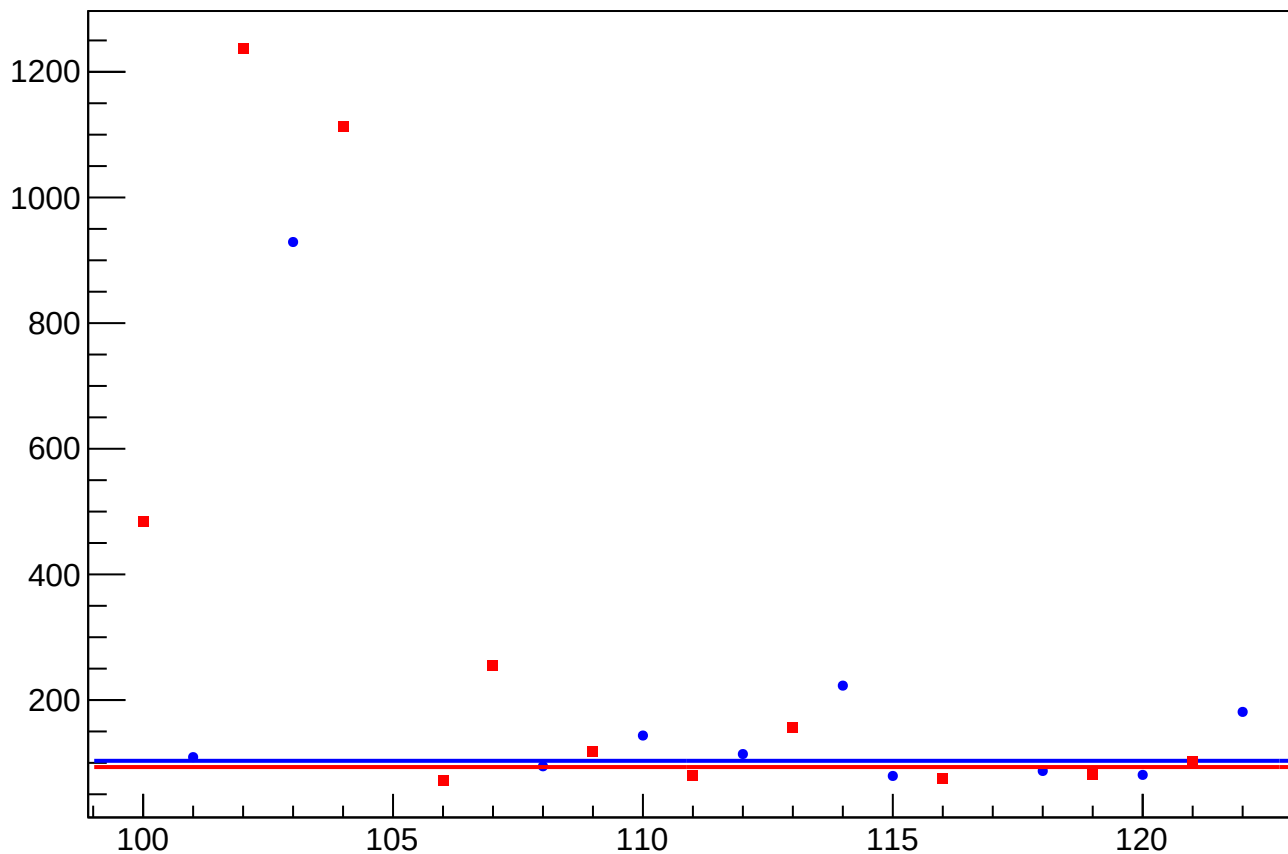
Right: -0.054 ± 0.042 χ^2/NDF : 25.7/20

In: -0.022 ± 0.060 χ^2/NDF : 13.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.054 ± 0.042 χ^2/NDF : 25.7/20

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.260 $\pm$ 0.043 χ^2 /NDF: 1292728.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.326 $\pm$ 0.040 χ^2 /NDF: 2124399.0/10

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

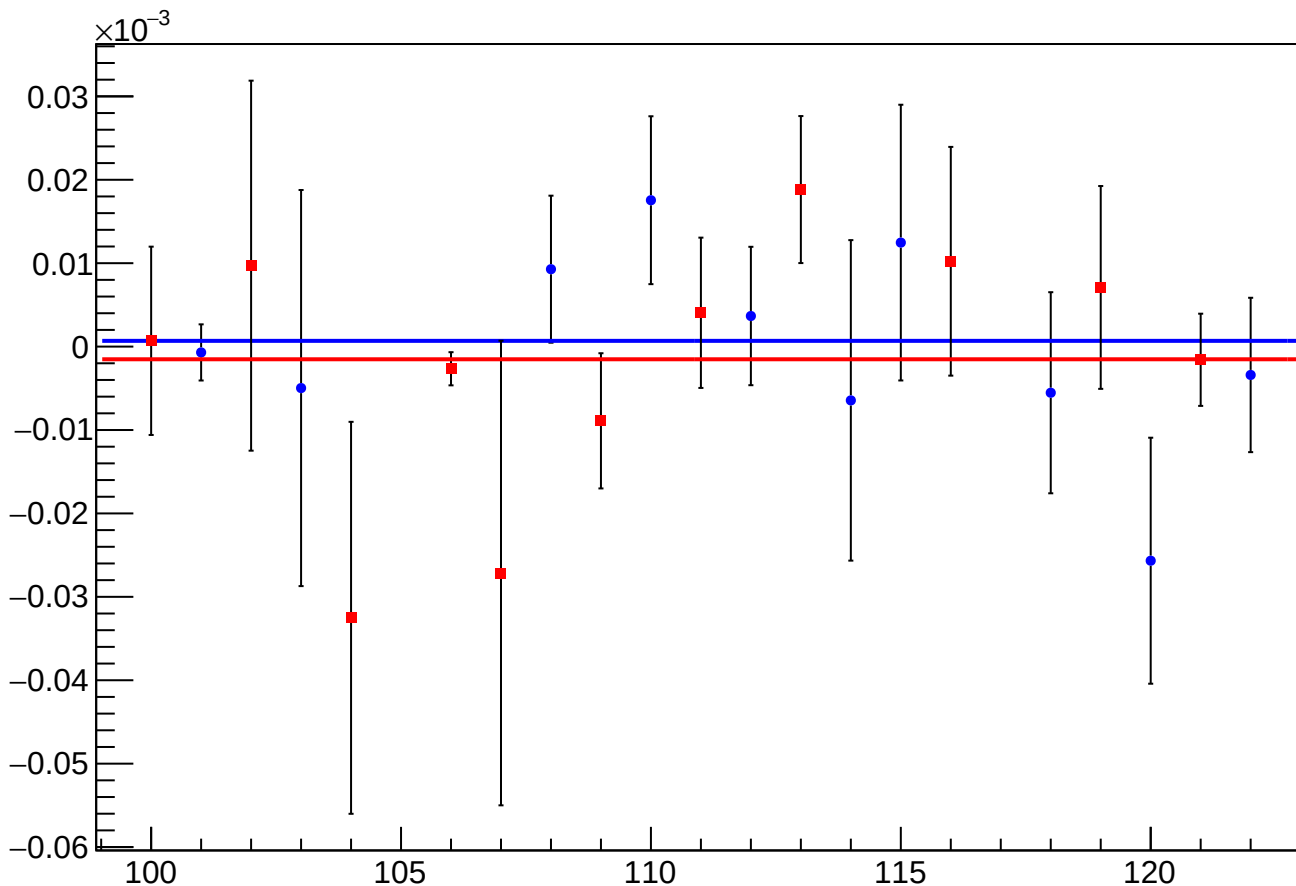
Right: 98.033 $\pm$ 0.029 χ^2 /NDF: 3445664.4/20

In: 103.260 $\pm$ 0.043 χ^2 /NDF:1292728.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.033 $\pm$ 0.029 χ^2 /NDF: 3445664.4/20

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 : 8.4/9

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

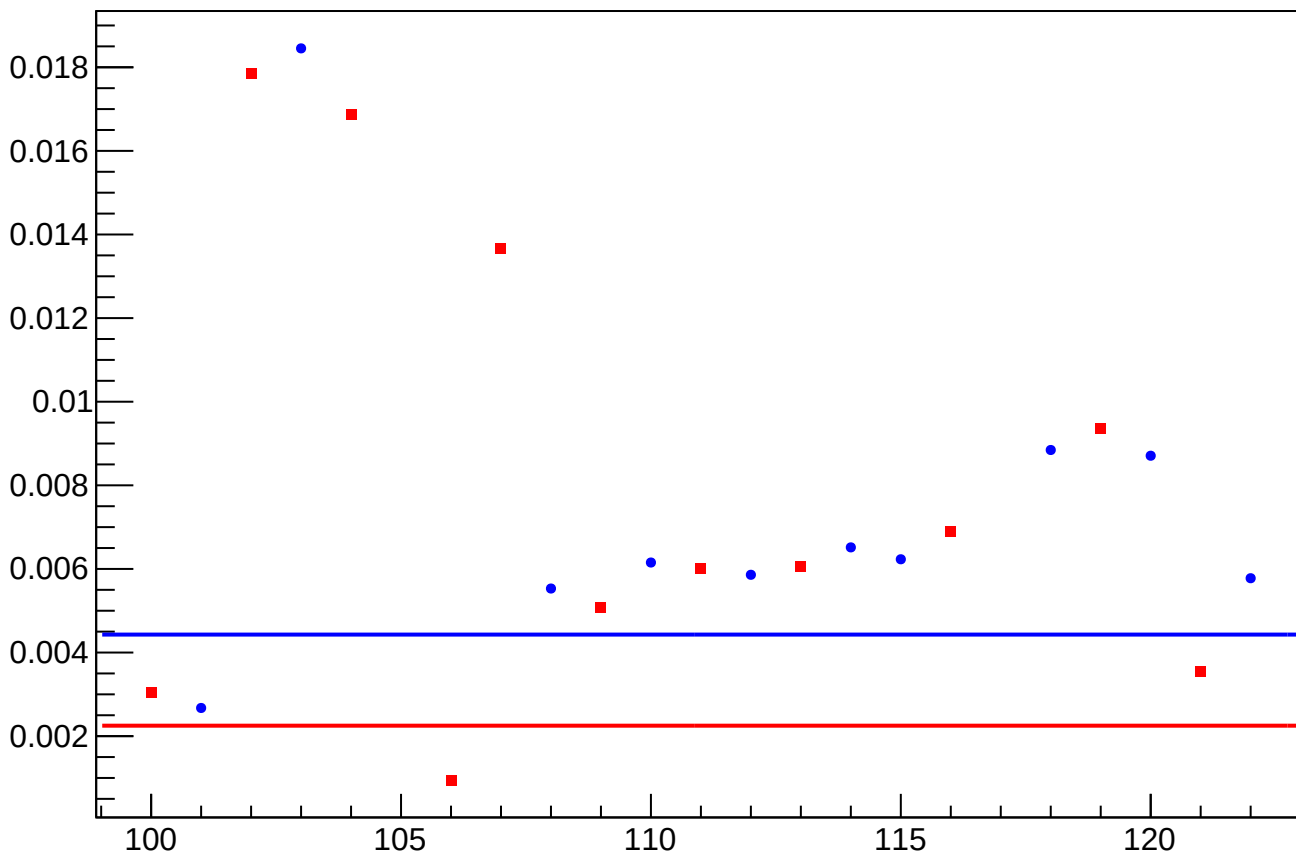
Right: -0.000+/-0.000 χ^2/NDF : 19.9/20

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 : 19.9/20

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 : 1917365.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4984420.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

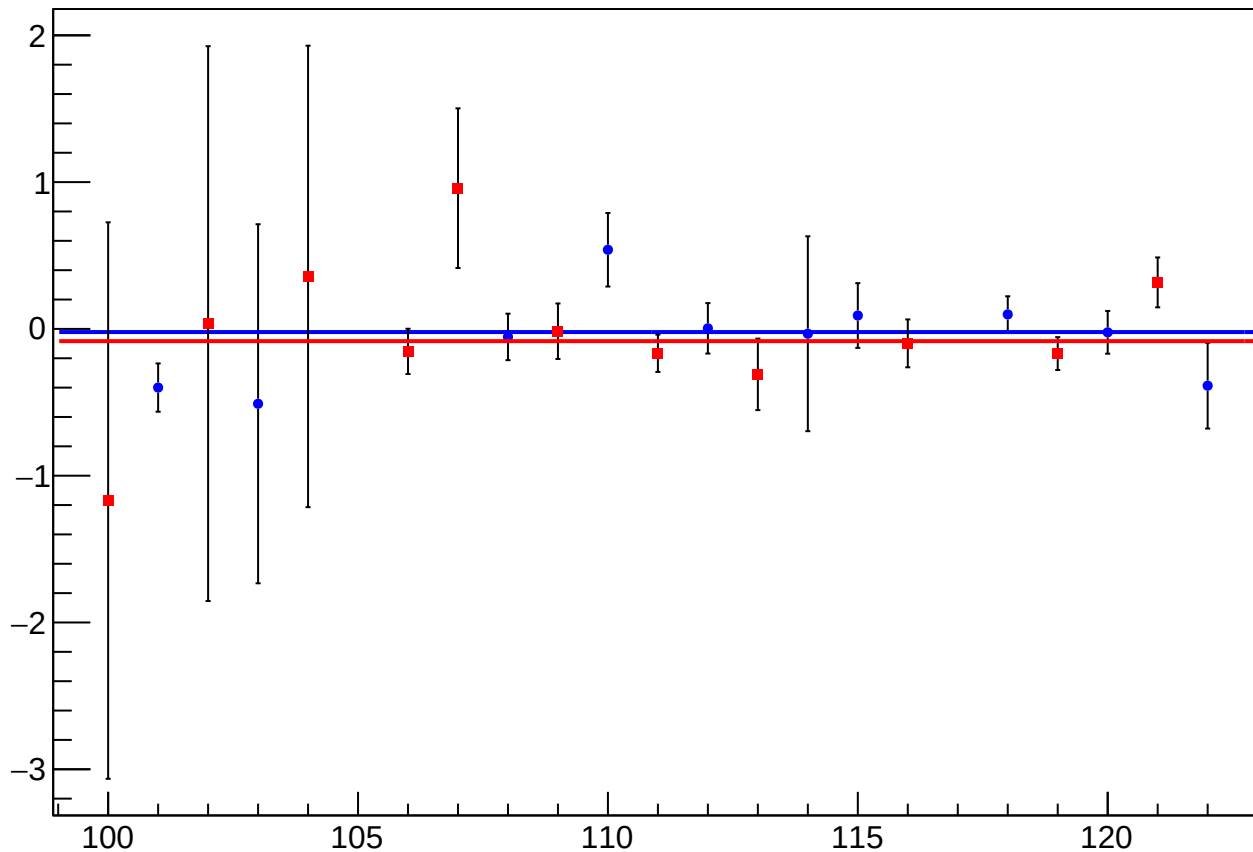
Right: 0.003+/-0.000 χ^2/NDF : 7931645.7/20

In: 0.004+/-0.000 χ^2/NDF :1917365.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7931645.7/20

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.060 χ^2/NDF : 13.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.083 ± 0.057 χ^2/NDF : 11.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

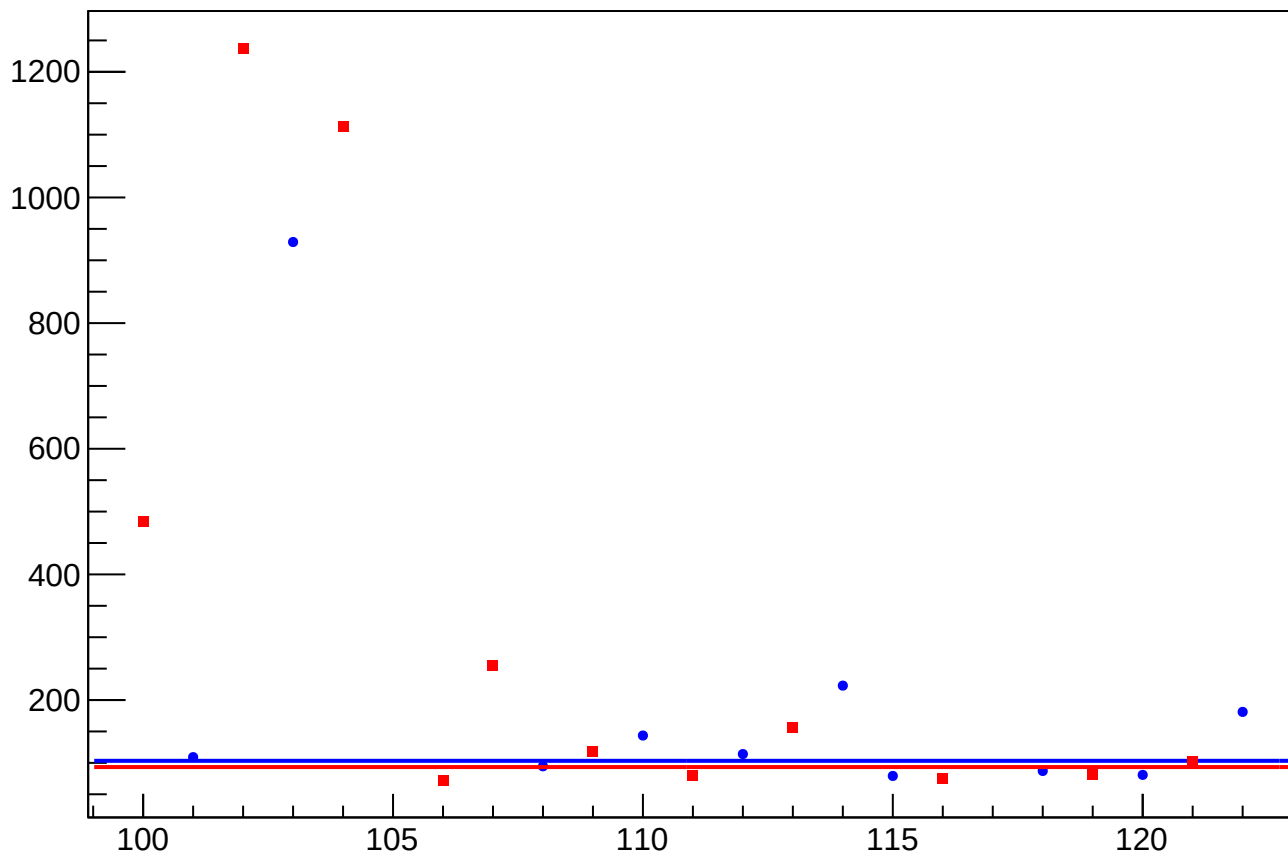
Right: -0.054 ± 0.042 χ^2/NDF : 25.7/20

In: -0.022 ± 0.060 χ^2/NDF : 13.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.054 ± 0.042 χ^2/NDF : 25.7/20

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.259+/-0.043 χ^2/NDF : 1292739.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.324+/-0.040 χ^2/NDF : 2124393.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

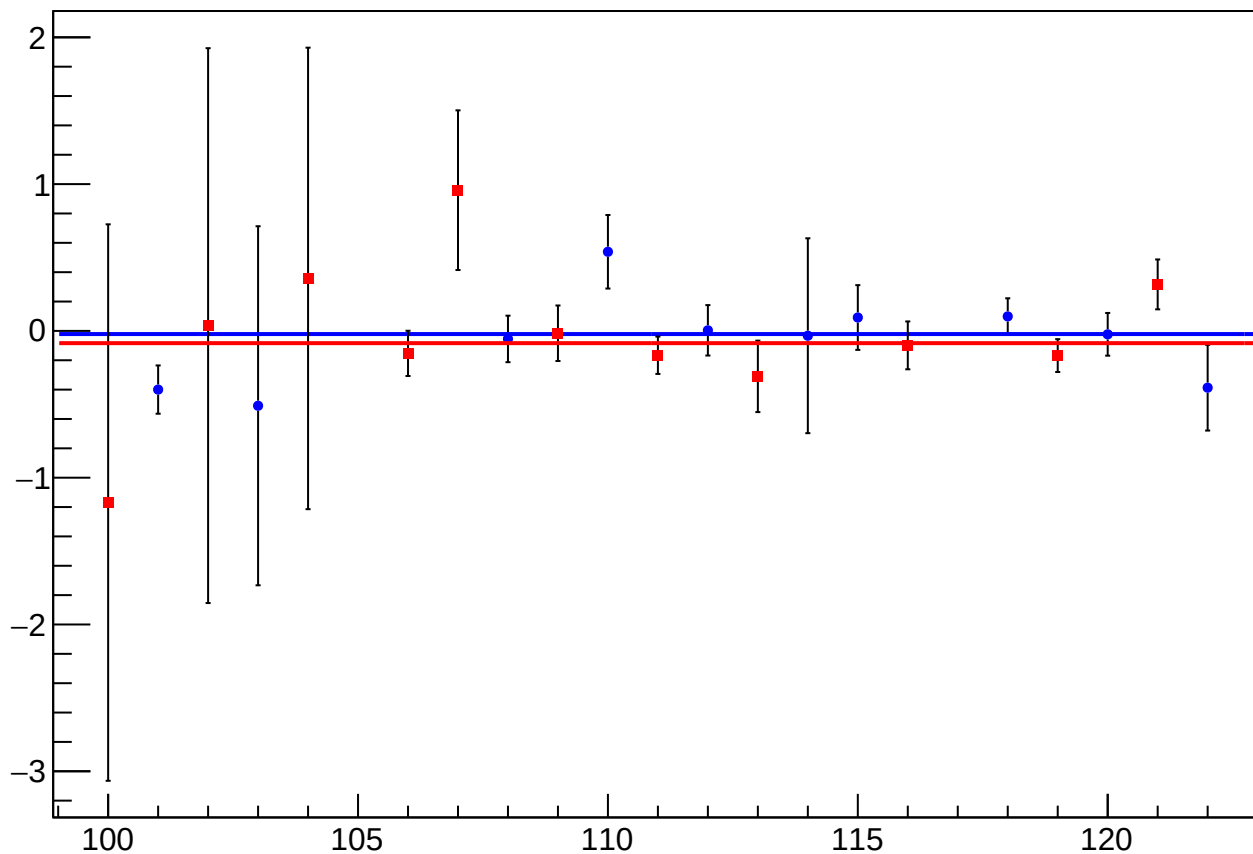
Right: 98.032+/-0.029 χ^2/NDF : 3445673.9/20

In: 103.259+/-0.043 χ^2/NDF : 1292739.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.032+/-0.029 χ^2/NDF : 3445673.9/20

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.060 χ^2/NDF : 13.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.083 ± 0.057 χ^2/NDF : 11.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

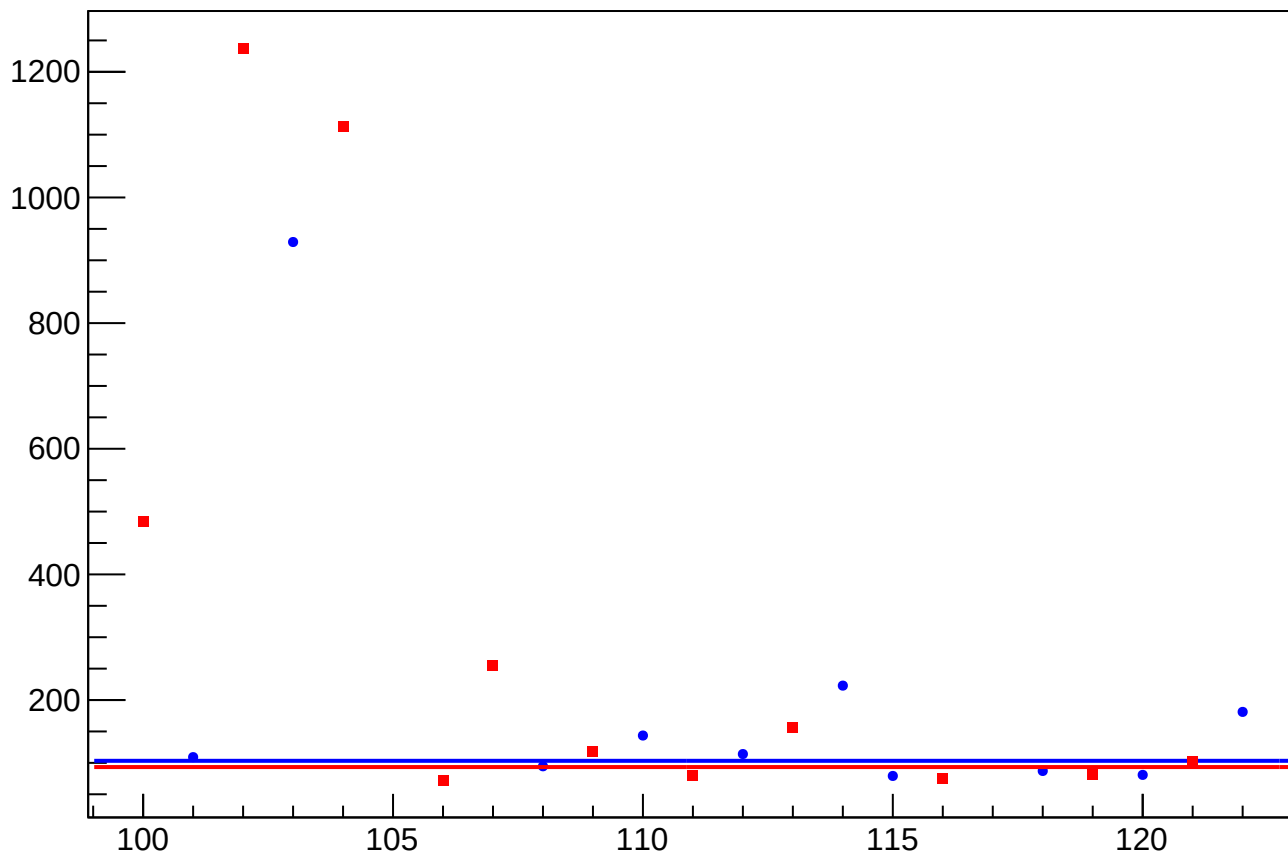
Right: -0.054 ± 0.042 χ^2/NDF : 25.7/20

In: -0.022 ± 0.060 χ^2/NDF : 13.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.054 ± 0.042 χ^2/NDF : 25.7/20

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.259+/-0.043 χ^2/NDF : 1292739.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.324+/-0.040 χ^2/NDF : 2124393.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

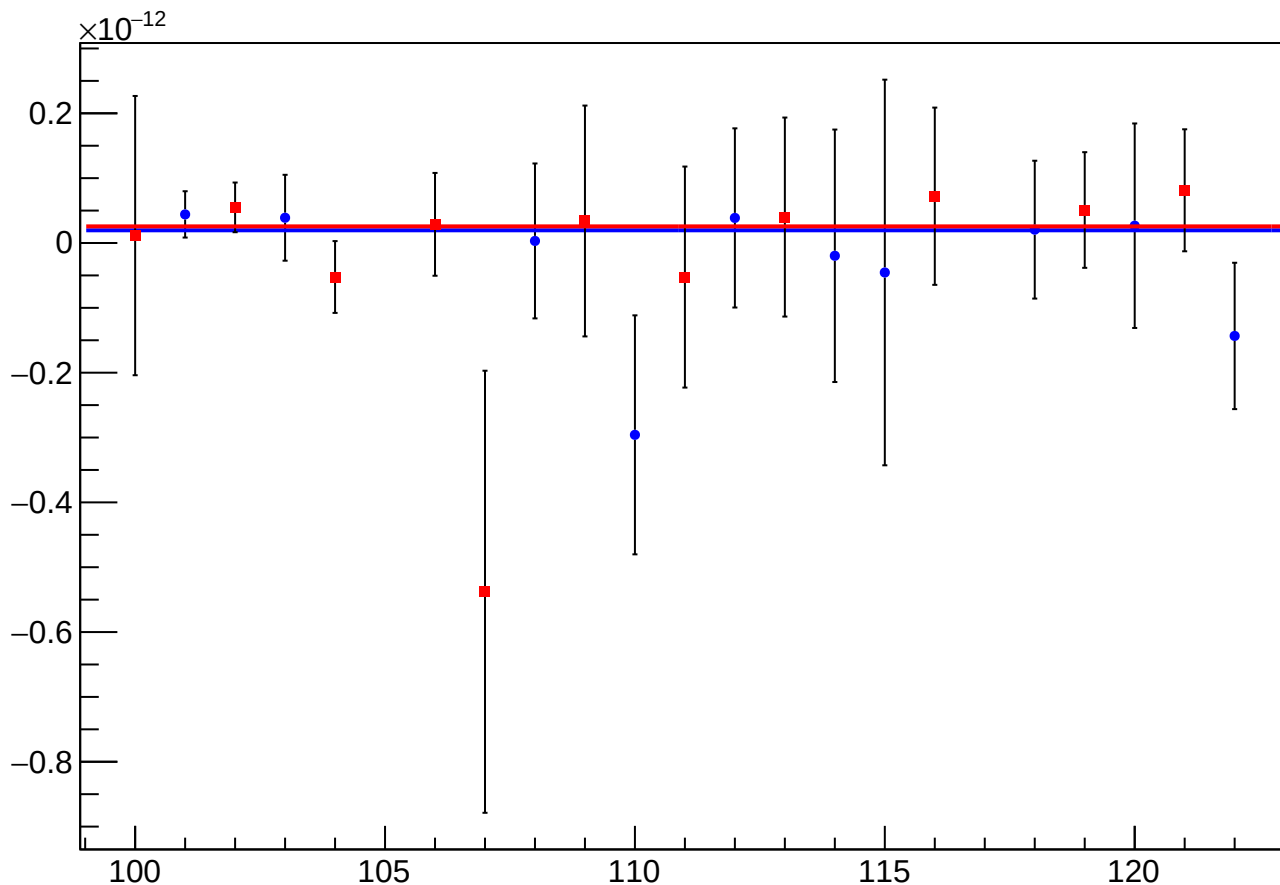
Right: 98.032+/-0.029 χ^2/NDF : 3445673.9/20

In: 103.259+/-0.043 χ^2/NDF : 1292739.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.032+/-0.029 χ^2/NDF : 3445673.9/20

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 : 5.7/9

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

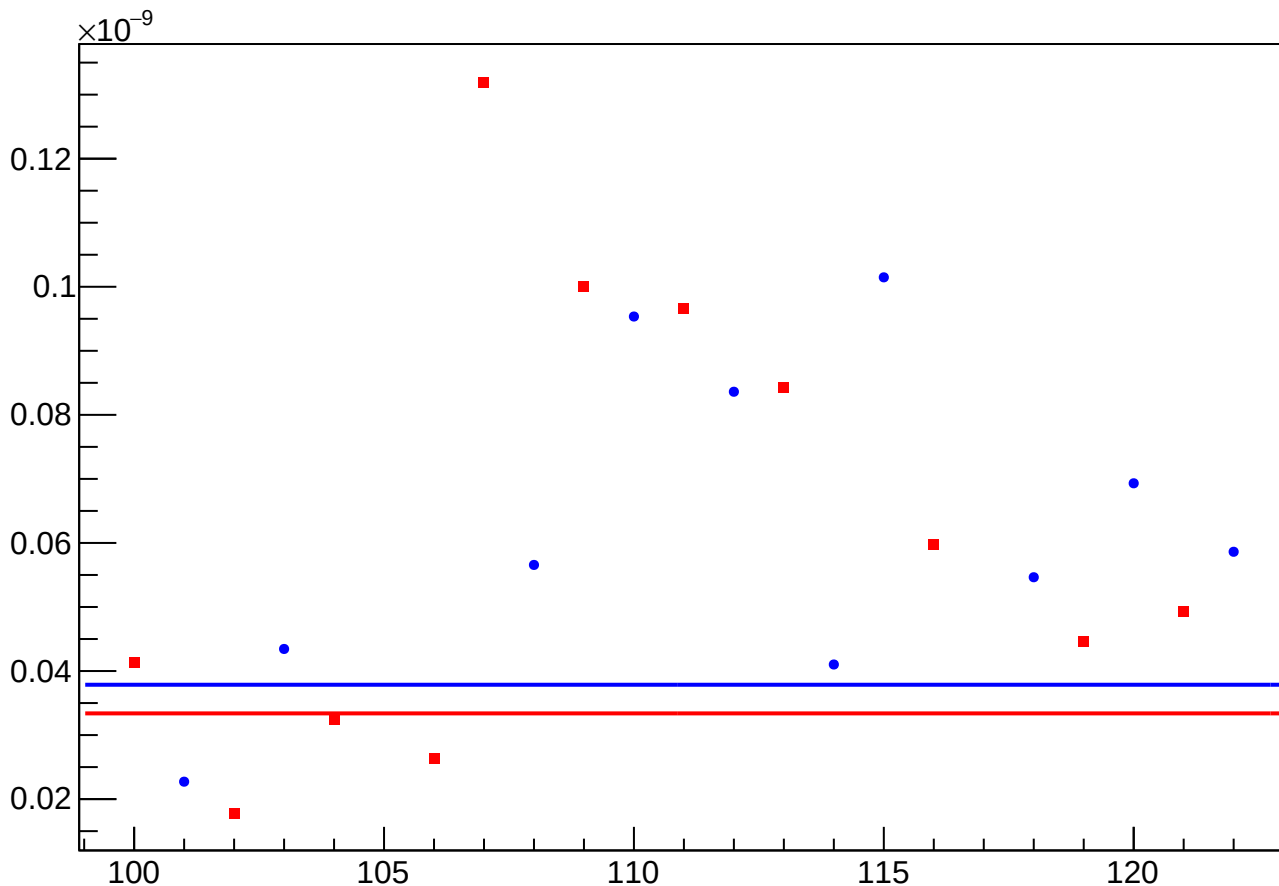
Right: 0.000+/-0.000 χ^2/NDF : 11.8/20

In: 0.000+/-0.000 χ^2/NDF : 5.7/9

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 : 1125526.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1458321.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

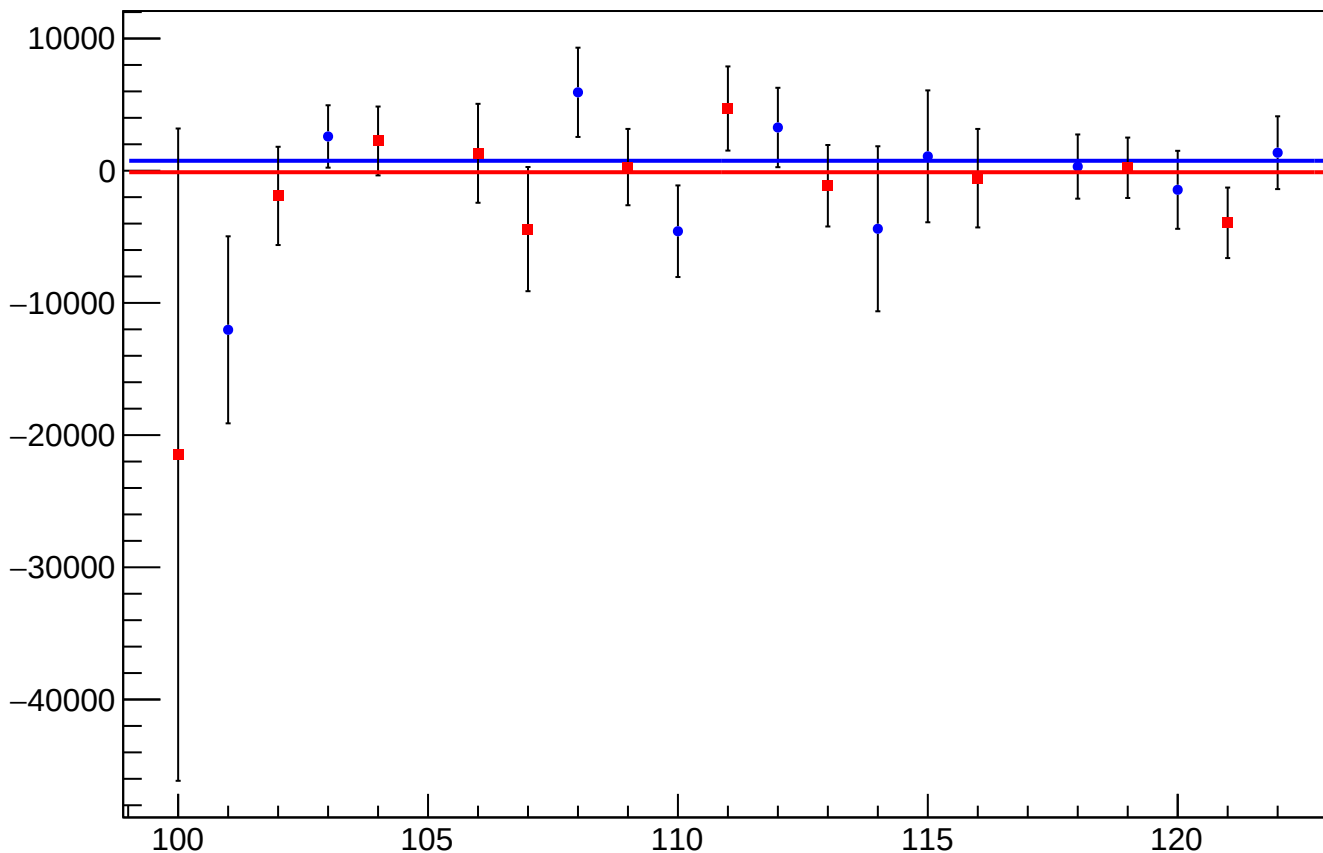
Right: 0.000+/-0.000 χ^2/NDF : 2613786.2/20

In: 0.000+/-0.000 χ^2/NDF : 1125526.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2613786.2/20

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 751.758+/-1018.704 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.354+/-968.404 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

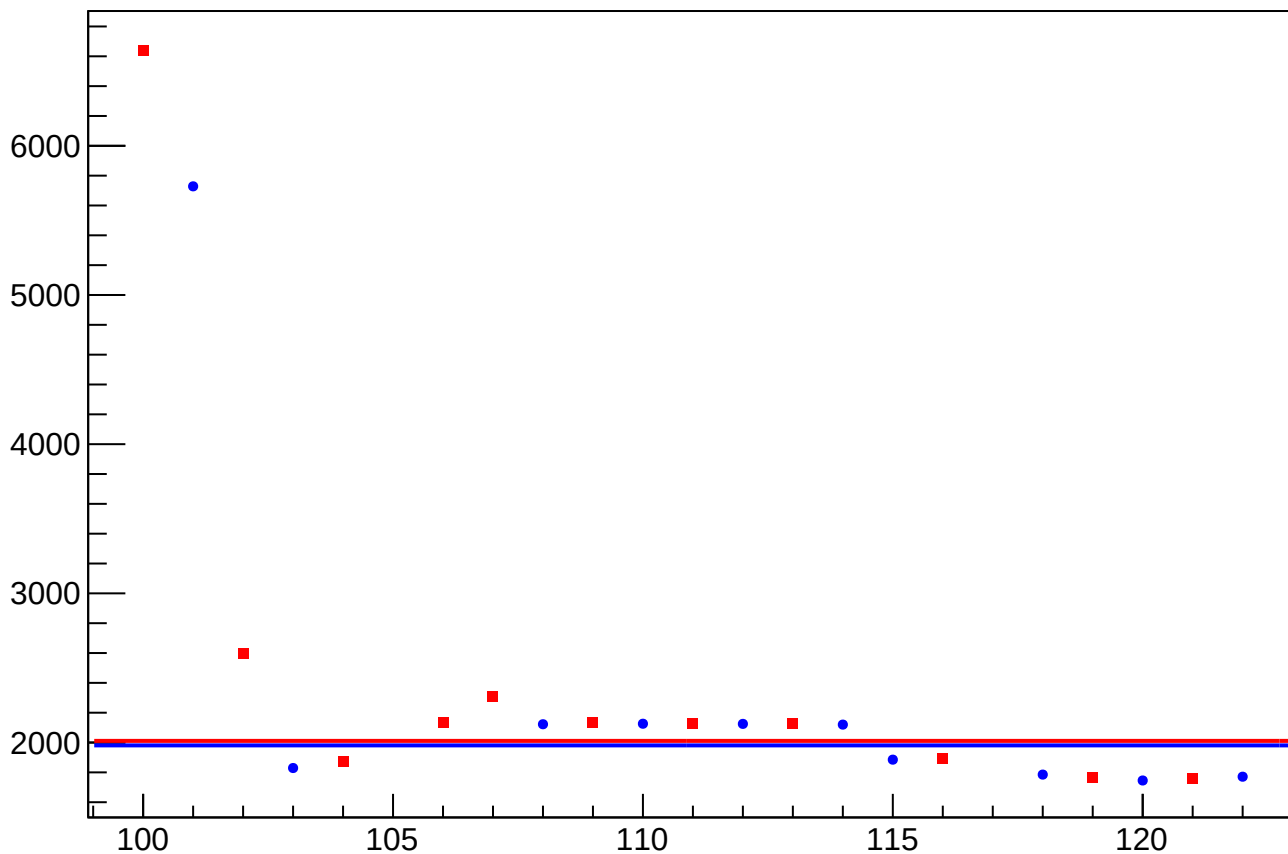
Right: 296.792+/-701.874 χ^2/NDF : 18.3/20

In: 751.758+/-1018.704 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.792+/-701.874 χ^2/NDF : 18.3/20

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1980.885+/-0.720 χ^2/NDF : 620238.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2011.089+/-0.685 χ^2/NDF : 187893.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

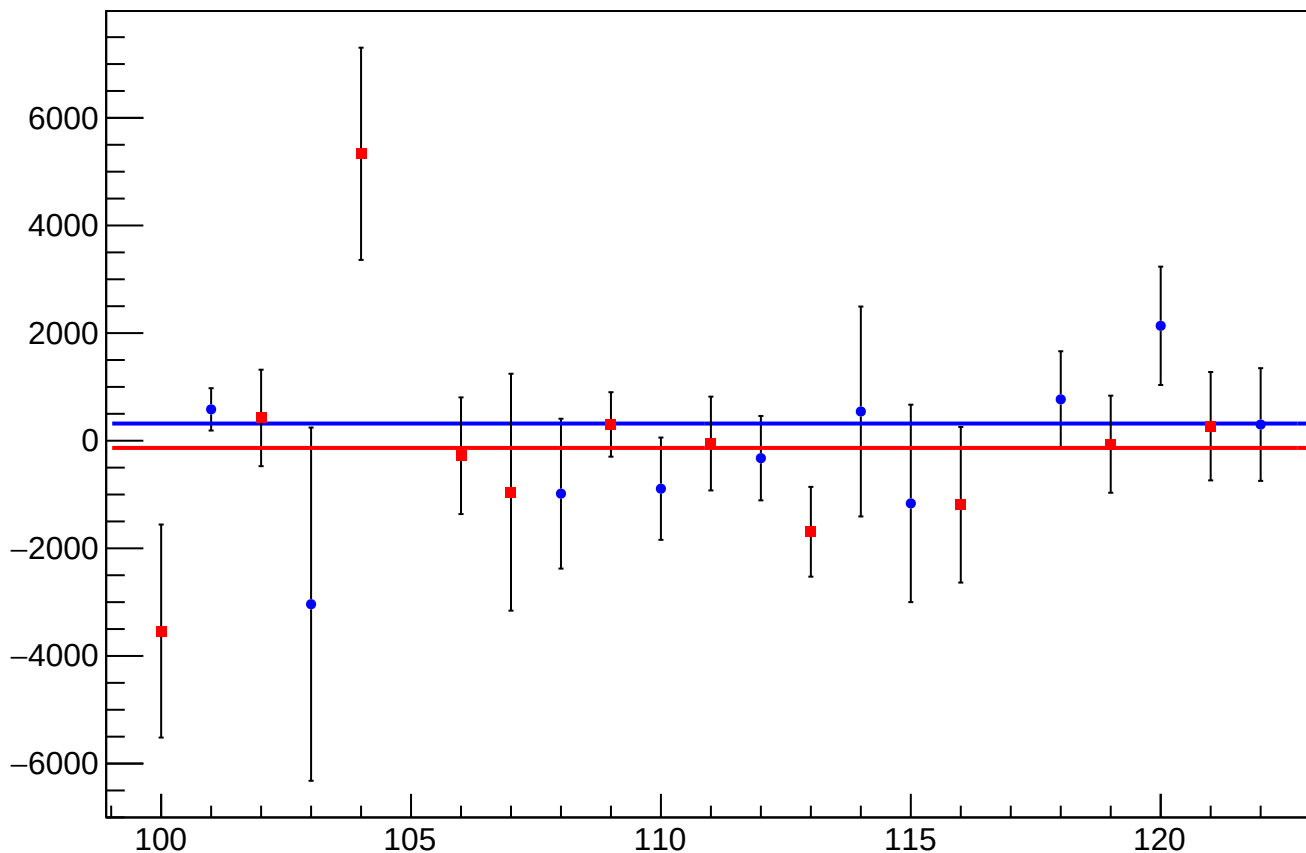
Right: 1996.751+/-0.496 χ^2/NDF : 809055.6/20

In: 1980.885+/-0.720 χ^2/NDF : 620238.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1996.751+/-0.496 χ^2/NDF : 809055.6/20

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 319.139+/-273.695 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.884+/-300.899 χ^2/NDF : 15.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

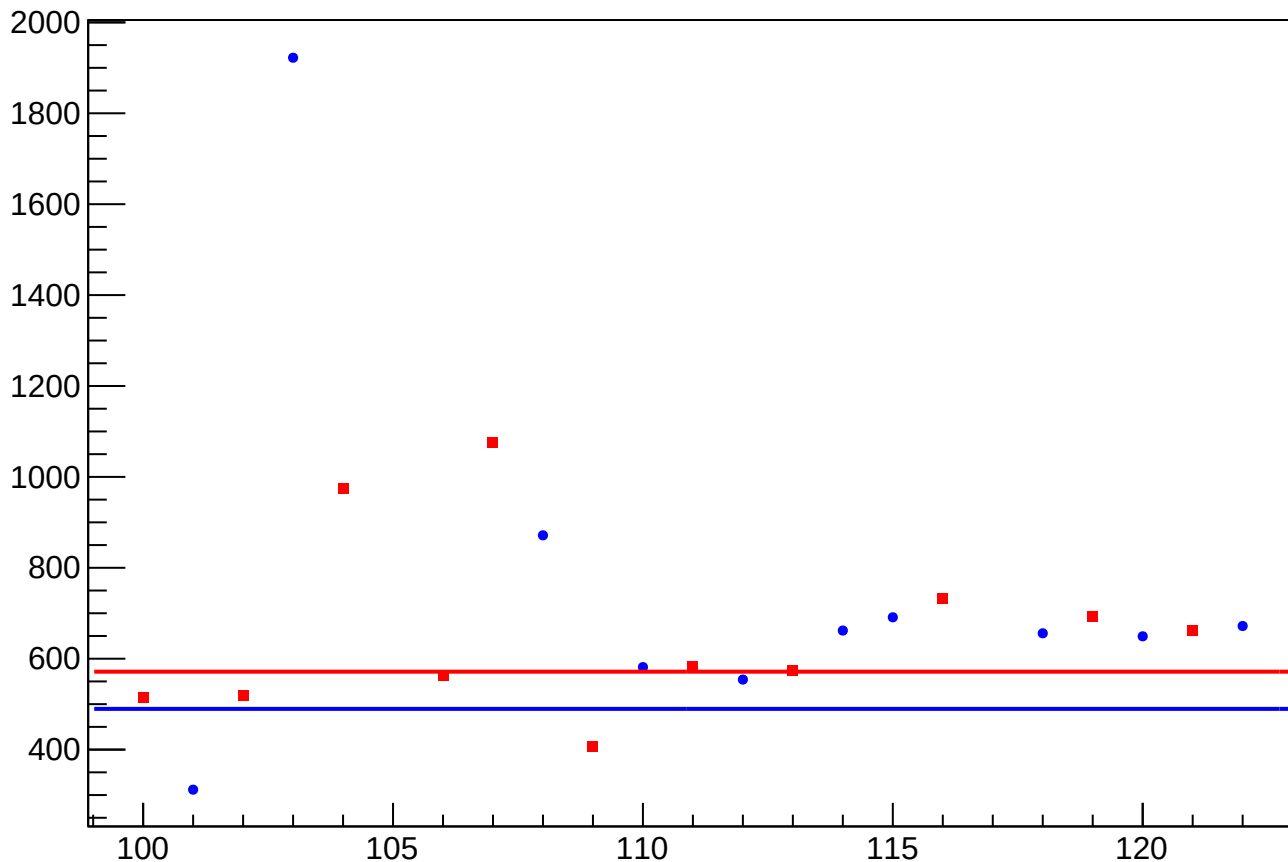
Right: 114.028+/-202.468 χ^2/NDF : 25.5/20

In: 319.139+/-273.695 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.028+/-202.468 χ^2/NDF : 25.5/20

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 489.596+/-0.194 χ^2/NDF : 1183617.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 571.449+/-0.213 χ^2/NDF : 425367.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

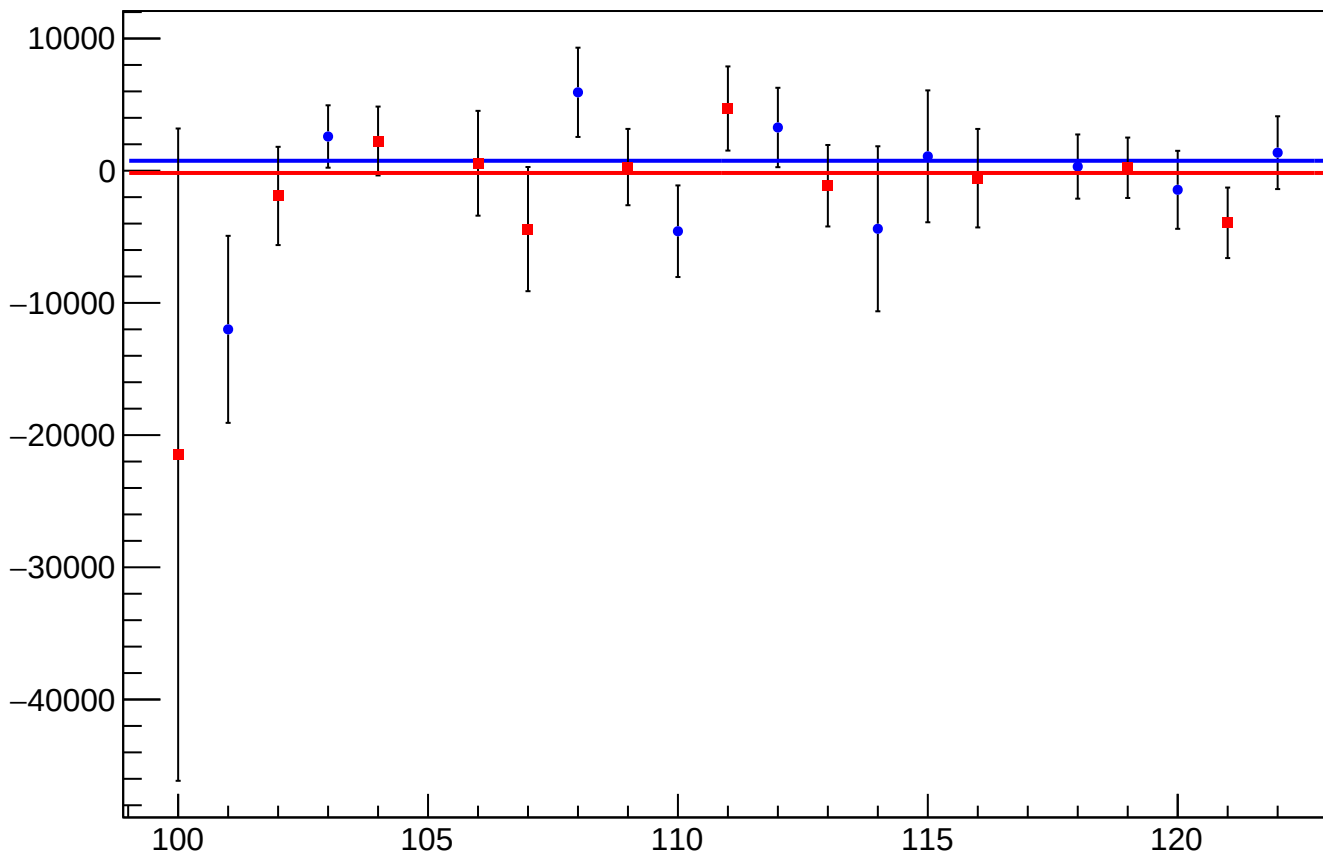
Right: 526.656+/-0.143 χ^2/NDF : 1689976.5/20

In: 489.596+/-0.194 χ^2/NDF : 1183617.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.656+/-0.143 χ^2/NDF : 1689976.5/20

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 752.040 $\pm$ 1018.704 χ^2 /NDF: 10.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -170.567 $\pm$ 971.955 χ^2 /NDF: 7.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

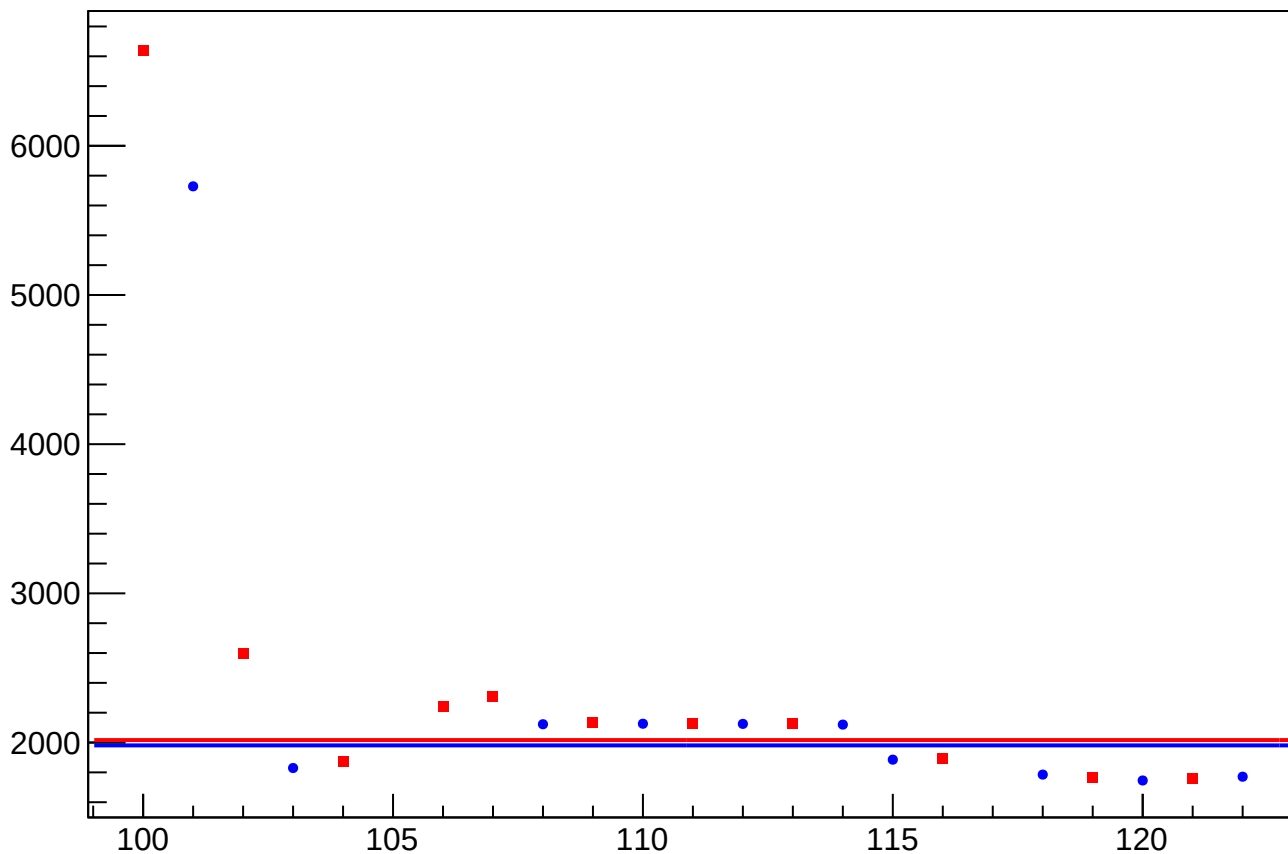
Right: 269.082 $\pm$ 703.222 χ^2 /NDF: 18.2/20

In: 752.040 $\pm$ 1018.704 χ^2 /NDF:10.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 269.082 $\pm$ 703.222 χ^2 /NDF: 18.2/20

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1980.885+/-0.720 χ^2/NDF : 620238.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2016.485+/-0.687 χ^2/NDF : 192346.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

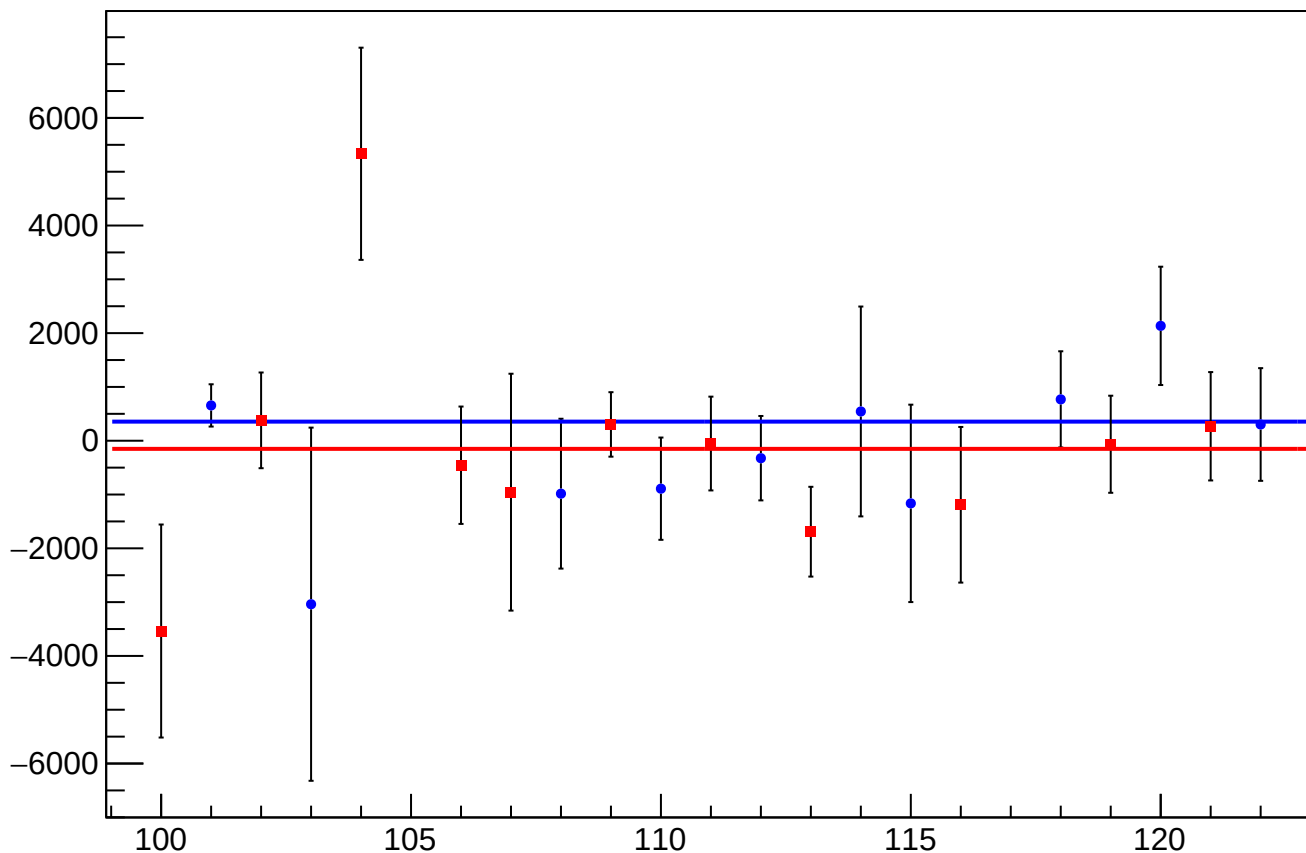
Right: 1999.521+/-0.497 χ^2/NDF : 813863.4/20

In: 1980.885+/-0.720 χ^2/NDF : 620238.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1999.521+/-0.497 χ^2/NDF : 813863.4/20

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 355.089+/-273.546 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.176+/-300.783 χ^2/NDF : 15.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

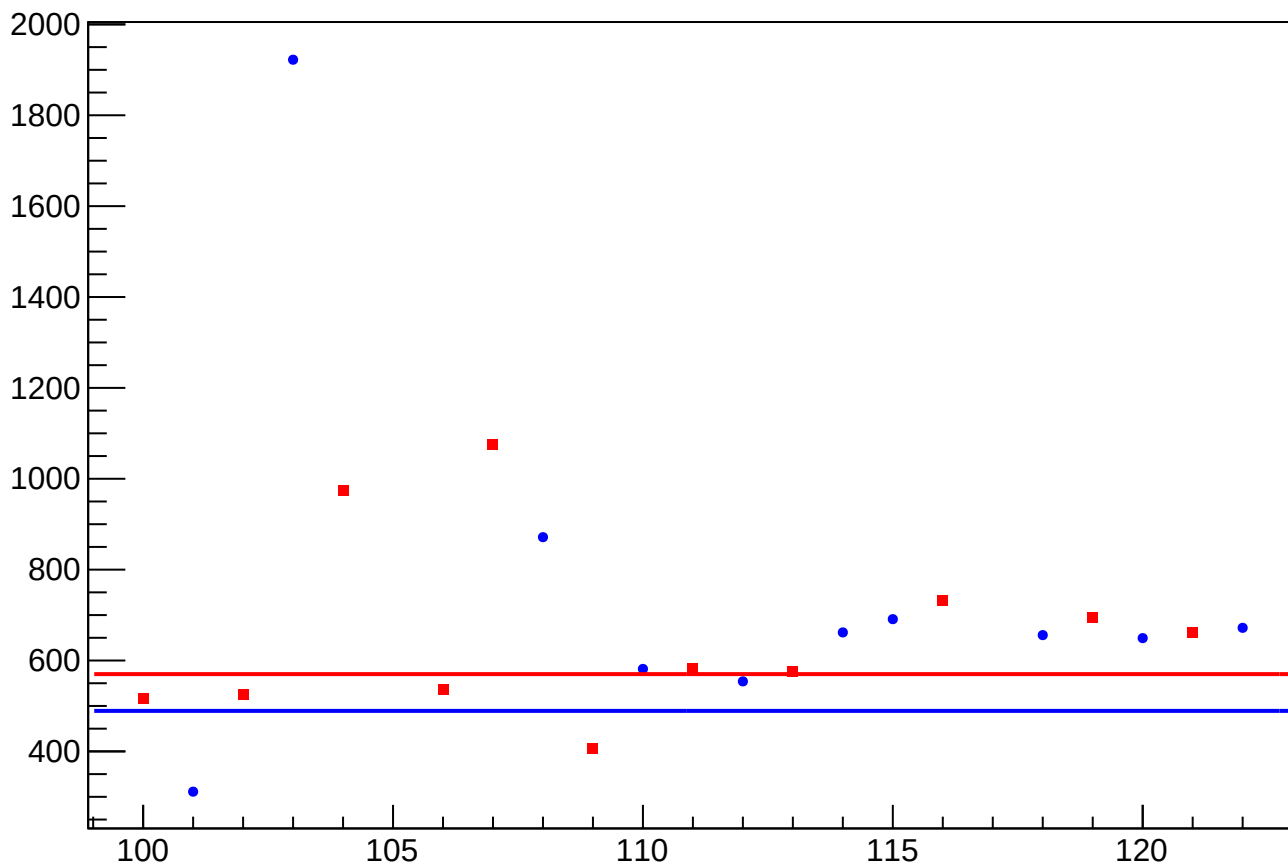
Right: 125.912+/-202.372 χ^2/NDF : 26.1/20

In: 355.089+/-273.546 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.912+/-202.372 χ^2/NDF : 26.1/20

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 489.159+/-0.193 χ^2/NDF : 1186729.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.086+/-0.213 χ^2/NDF : 425589.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

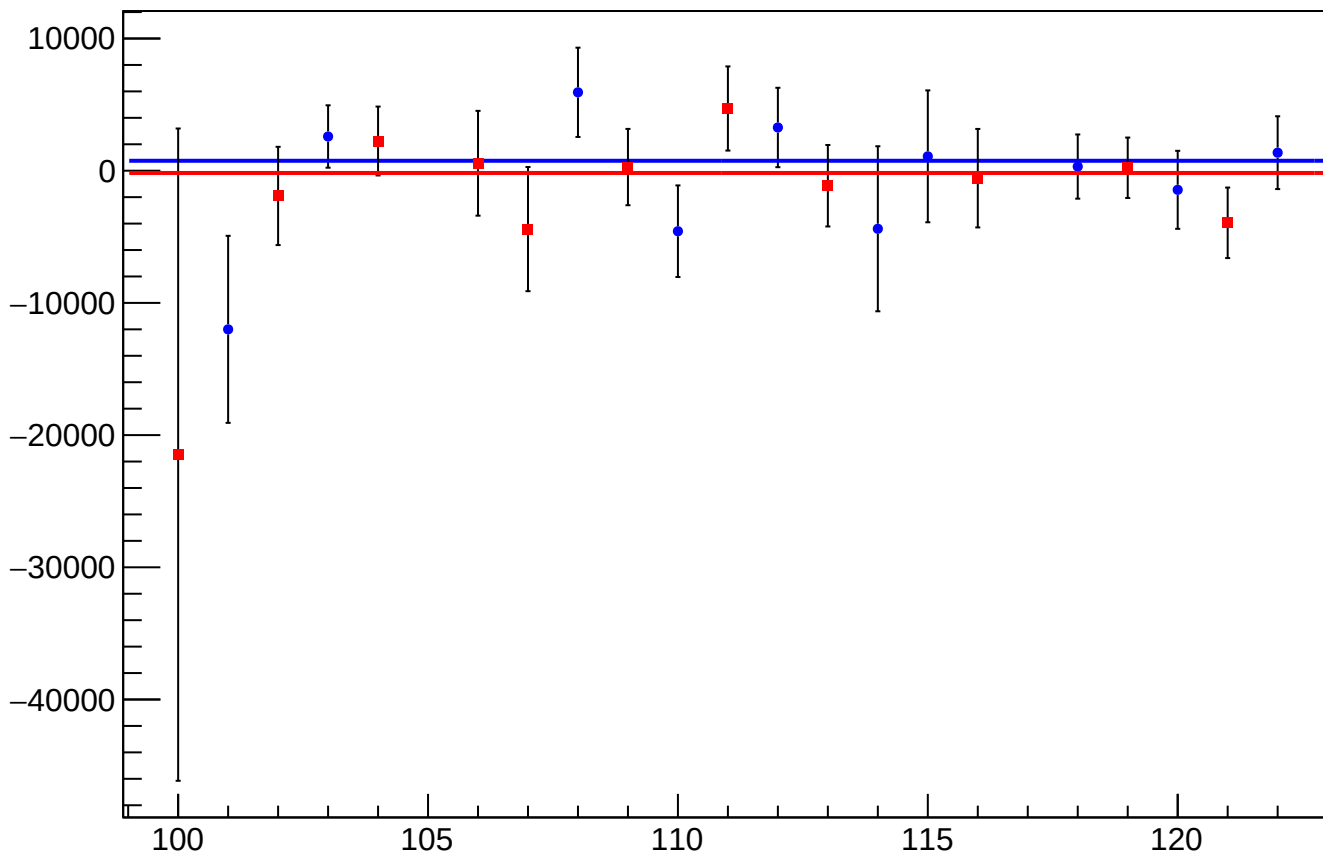
Right: 525.793+/-0.143 χ^2/NDF : 1691557.9/20

In: 489.159+/-0.193 χ^2/NDF : 1186729.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.793+/-0.143 χ^2/NDF : 1691557.9/20

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 752.040+/-1018.704 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -170.567+/-971.955 χ^2/NDF : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

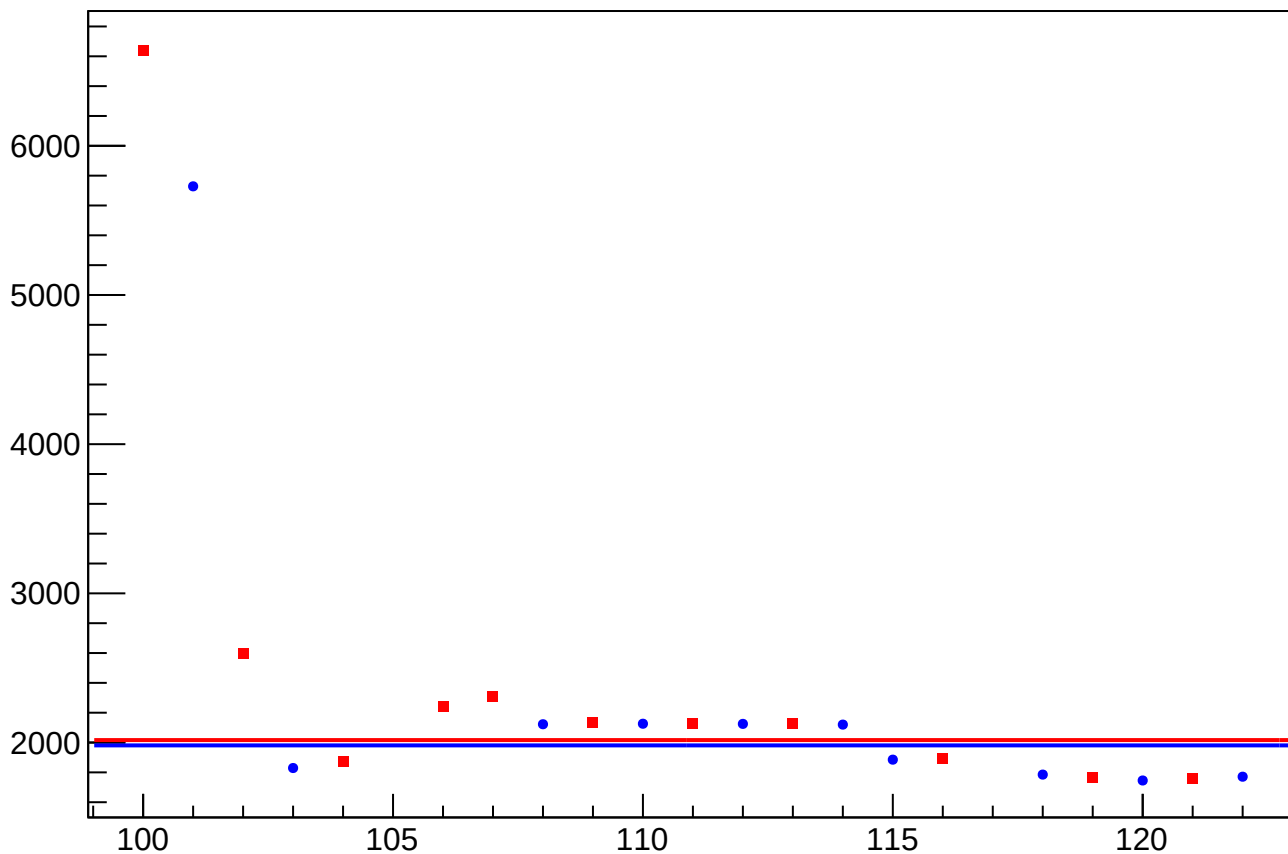
Right: 269.082+/-703.222 χ^2/NDF : 18.2/20

In: 752.040+/-1018.704 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.082+/-703.222 χ^2/NDF : 18.2/20

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1980.885+/-0.720 χ^2/NDF : 620238.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2016.485+/-0.687 χ^2/NDF : 192346.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

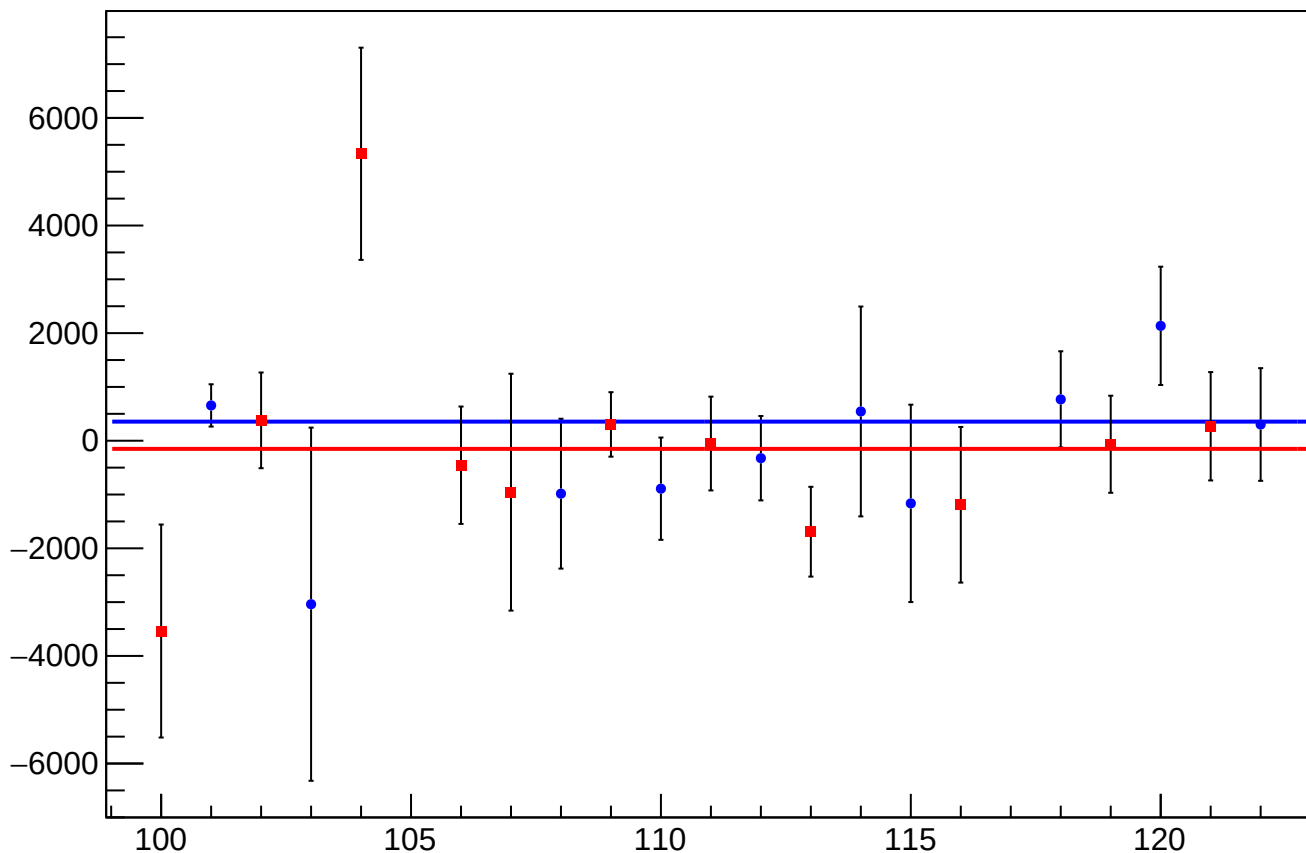
Right: 1999.521+/-0.497 χ^2/NDF : 813863.4/20

In: 1980.885+/-0.720 χ^2/NDF : 620238.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1999.521+/-0.497 χ^2/NDF : 813863.4/20

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 355.089+/-273.546 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.176+/-300.783 χ^2/NDF : 15.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

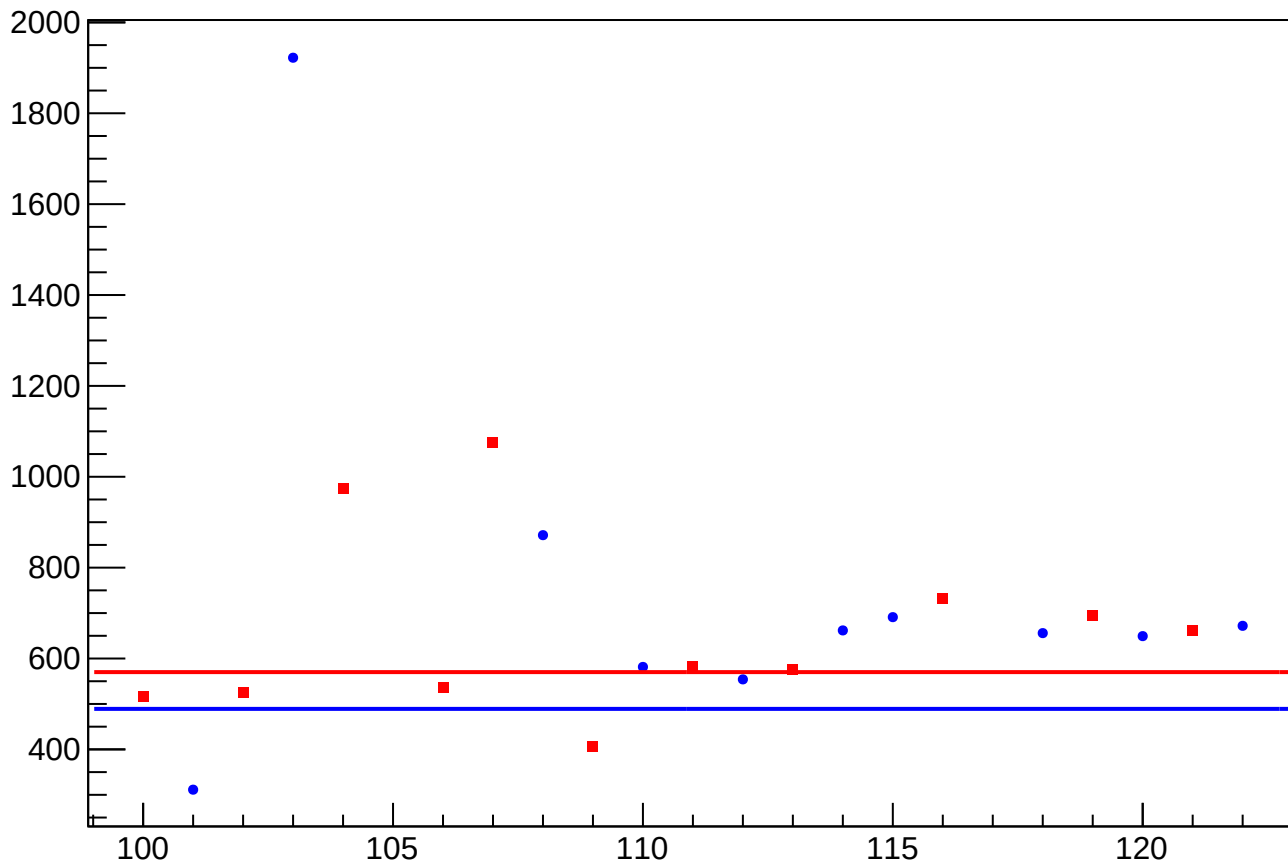
Right: 125.912+/-202.372 χ^2/NDF : 26.1/20

In: 355.089+/-273.546 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.912+/-202.372 χ^2/NDF : 26.1/20

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 489.159+/-0.193 χ^2/NDF : 1186729.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.086+/-0.213 χ^2/NDF : 425589.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

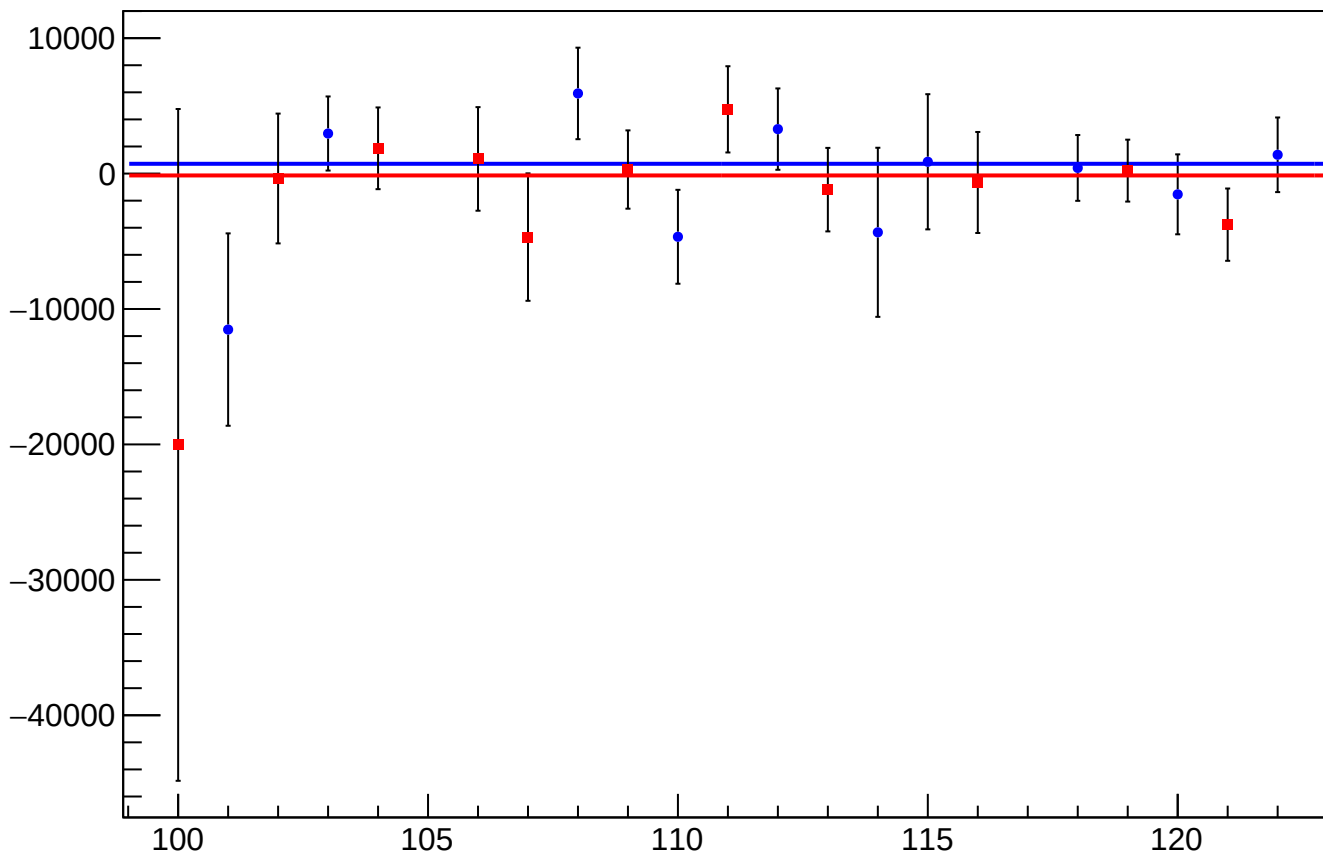
Right: 525.793+/-0.143 χ^2/NDF : 1691557.9/20

In: 489.159+/-0.193 χ^2/NDF : 1186729.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.793+/-0.143 χ^2/NDF : 1691557.9/20

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 722.201+/-1044.443 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -138.251+/-1002.239 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

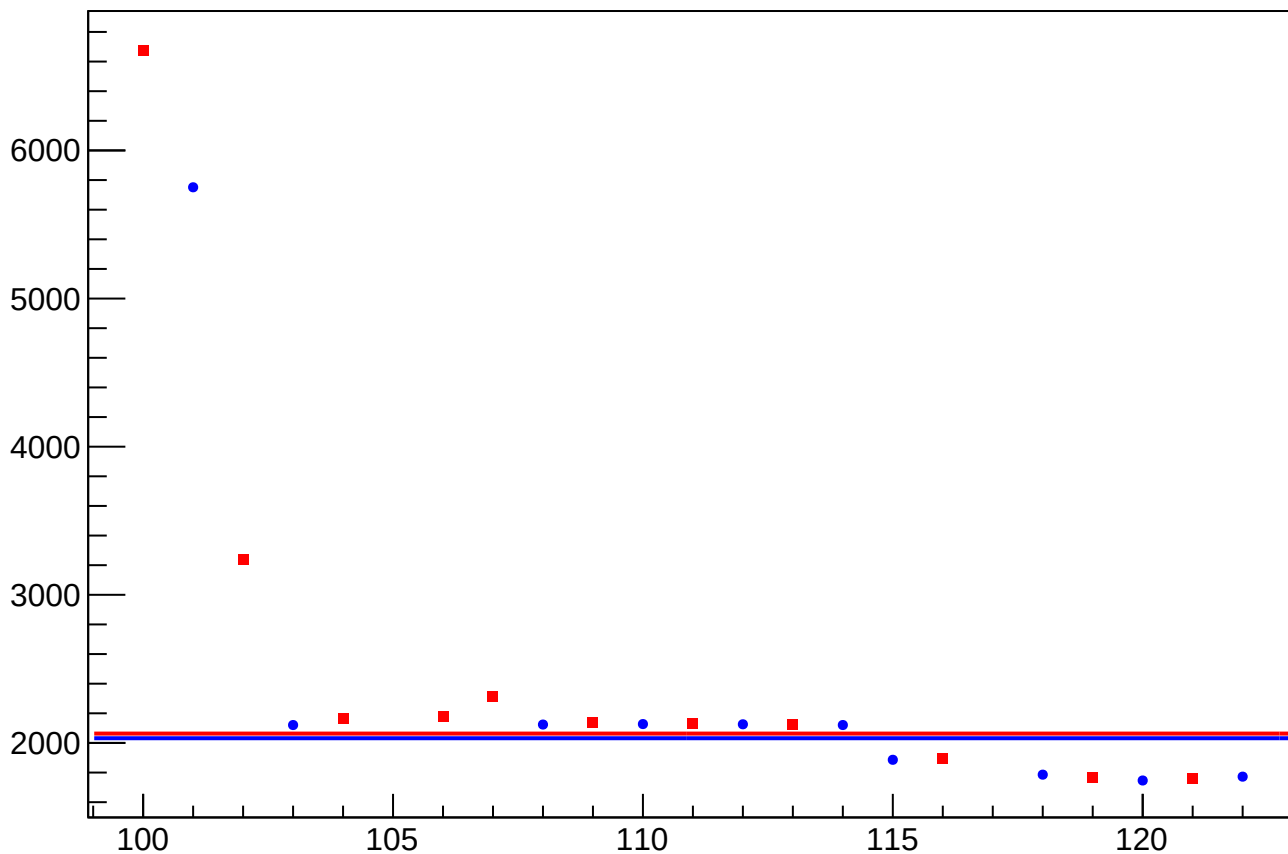
Right: 274.239+/-723.150 χ^2/NDF : 17.3/20

In: 722.201+/-1044.443 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.239+/-723.150 χ^2/NDF : 17.3/20

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2031.719+/-0.739 χ^2/NDF : 614481.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2063.118+/-0.709 χ^2/NDF : 265276.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

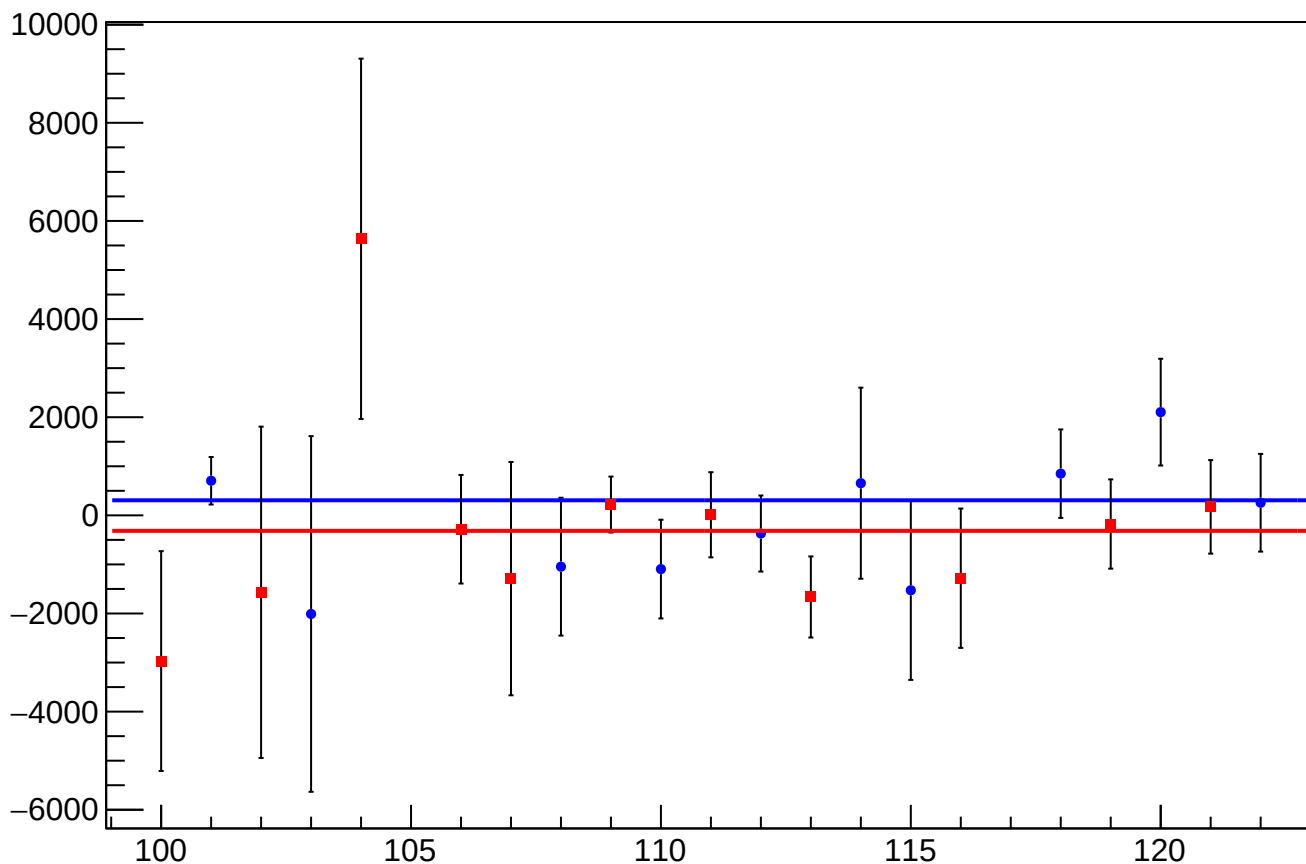
Right: 2048.065+/-0.511 χ^2/NDF : 880699.8/20

In: 2031.719+/-0.739 χ^2/NDF : 614481.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2048.065+/-0.511 χ^2/NDF : 880699.8/20

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 306.645+/-299.505 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -316.225+/-315.742 χ^2/NDF : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

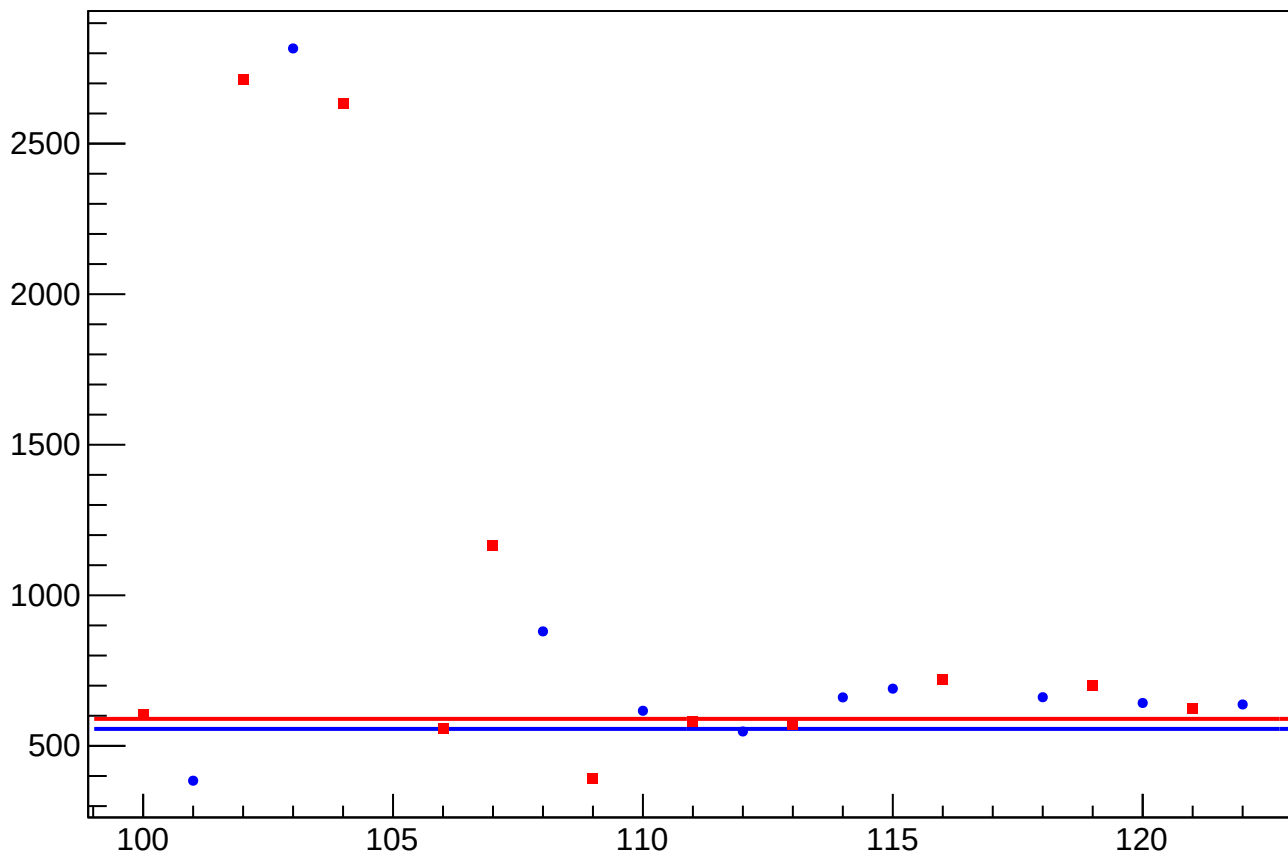
Right: 11.636+/-217.295 χ^2/NDF : 19.7/20

In: 306.645+/-299.505 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.636+/-217.295 χ^2/NDF : 19.7/20

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 556.351+/-0.212 χ^2/NDF : 1213027.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.704+/-0.223 χ^2/NDF : 1822430.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

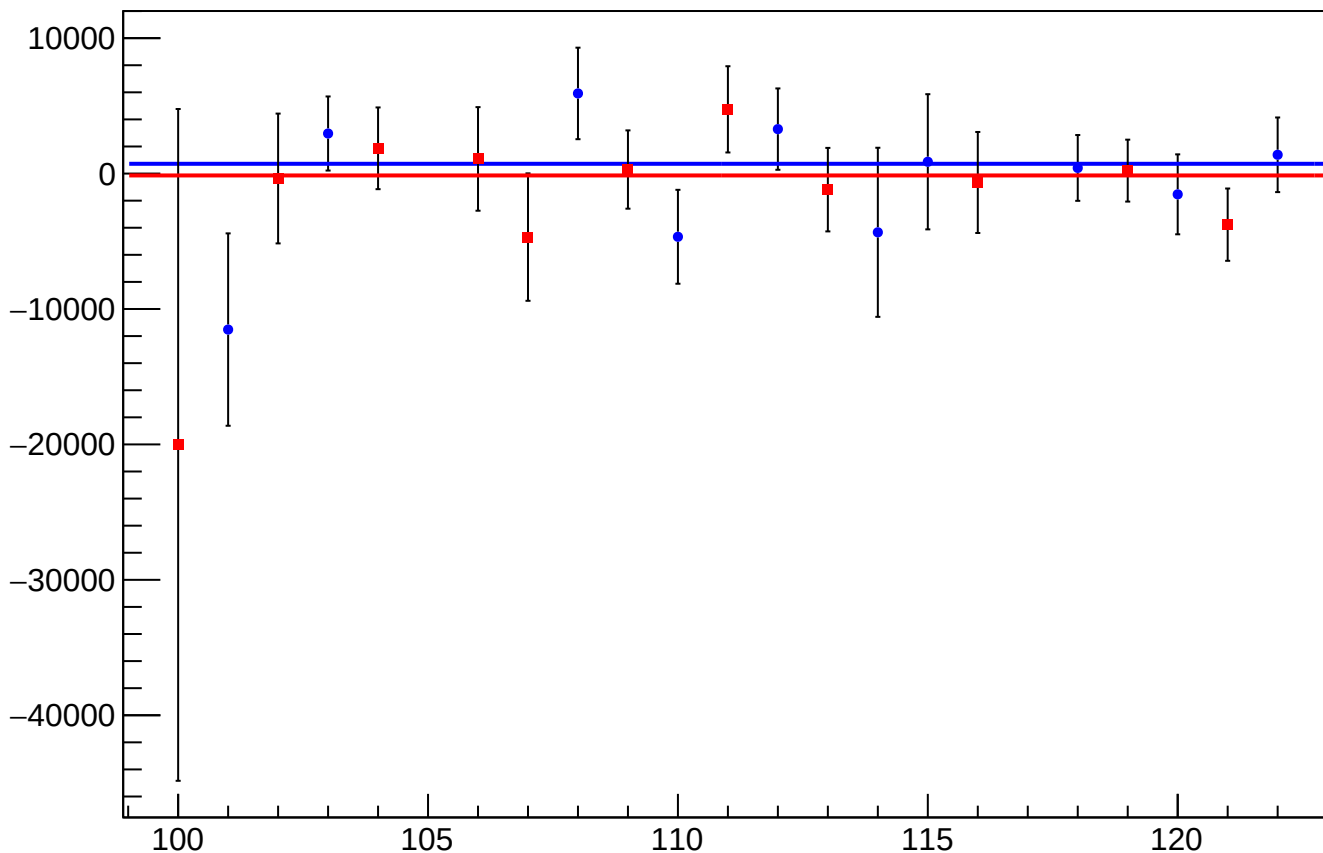
Right: 572.148+/-0.154 χ^2/NDF : 3047205.1/20

In: 556.351+/-0.212 χ^2/NDF : 1213027.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.148+/-0.154 χ^2/NDF : 3047205.1/20

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 722.201+/-1044.442 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -138.248+/-1002.238 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

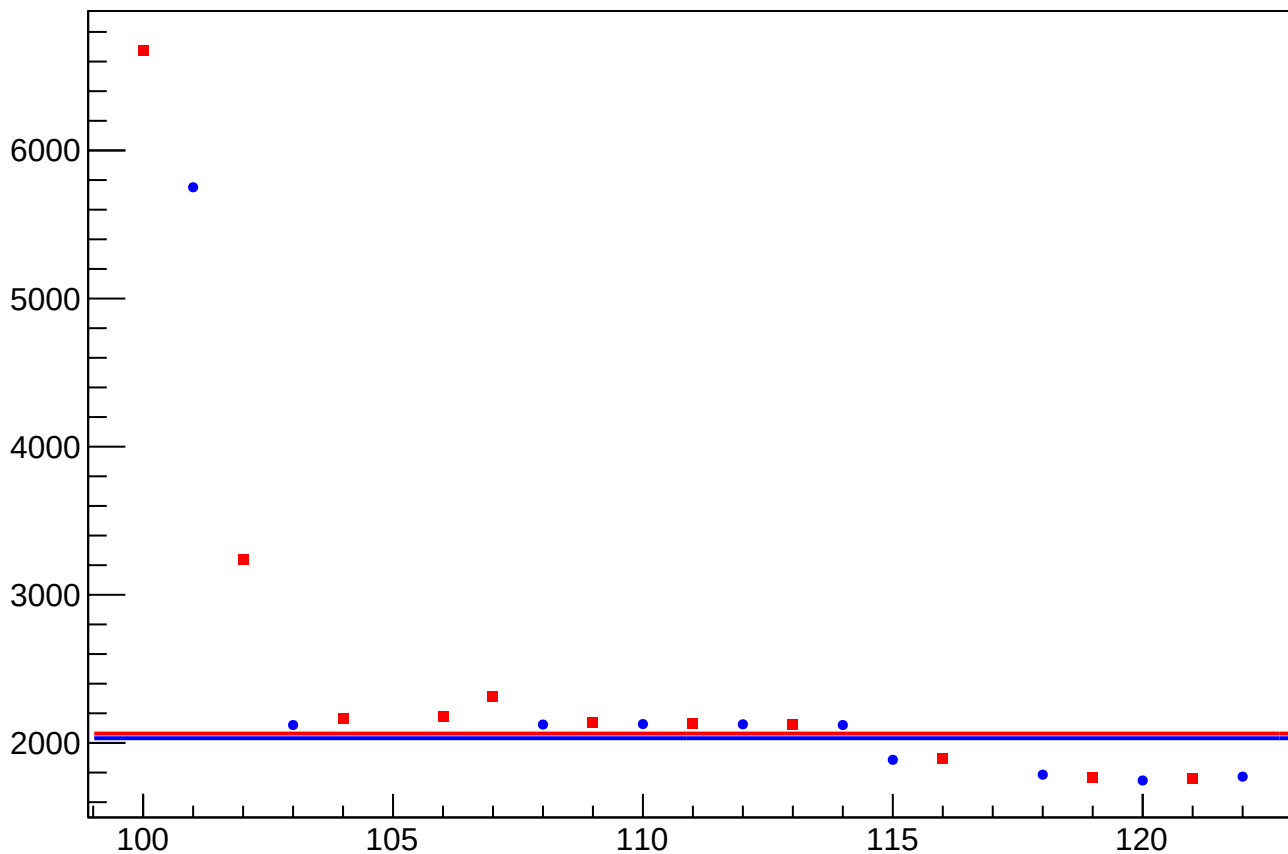
Right: 274.241+/-723.150 χ^2/NDF : 17.3/20

In: 722.201+/-1044.442 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.241+/-723.150 χ^2/NDF : 17.3/20

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2031.718+/-0.739 χ^2/NDF : 614481.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2063.117+/-0.709 χ^2/NDF : 265276.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

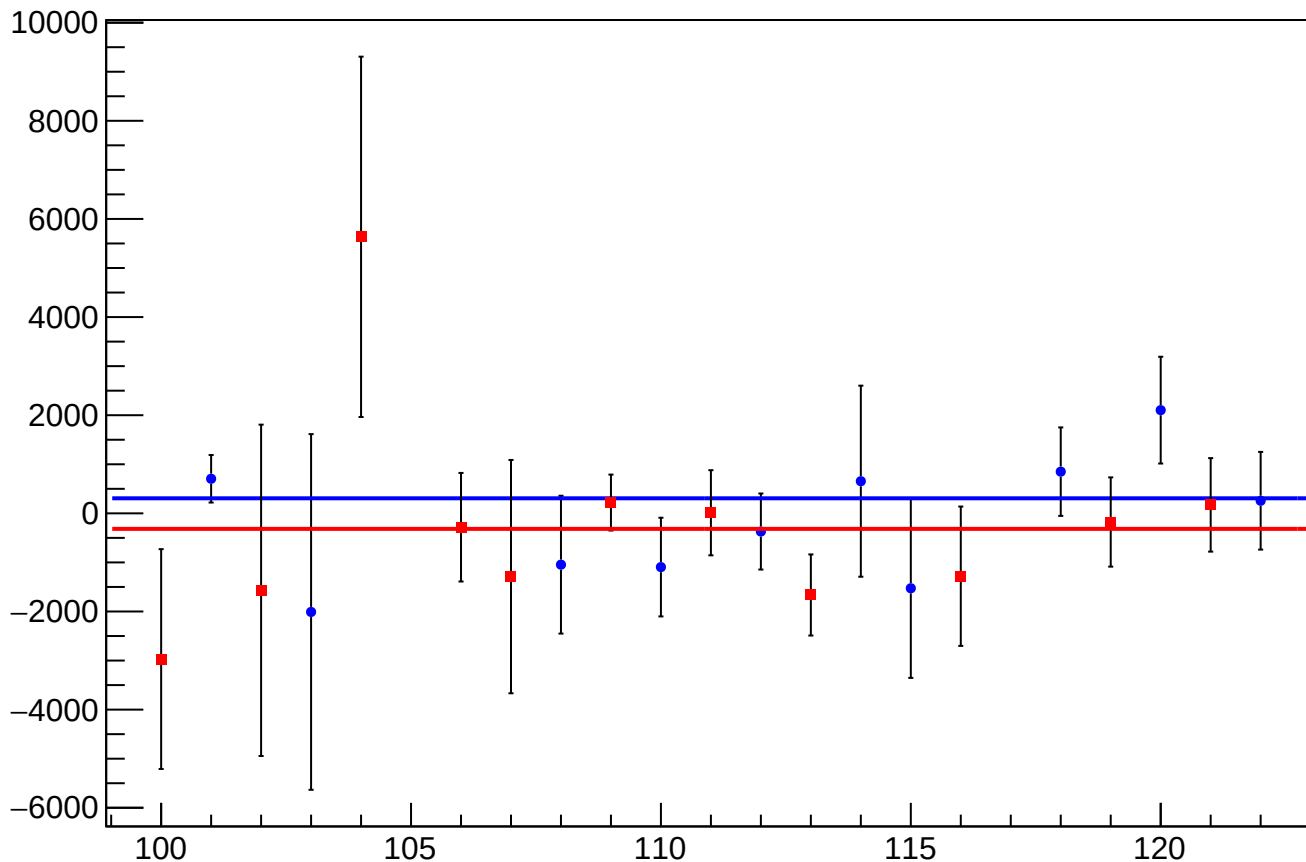
Right: 2048.065+/-0.511 χ^2/NDF : 880699.1/20

In: 2031.718+/-0.739 χ^2/NDF : 614481.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2048.065+/-0.511 χ^2/NDF : 880699.1/20

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 306.644+/-299.504 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -316.222+/-315.740 χ^2/NDF : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

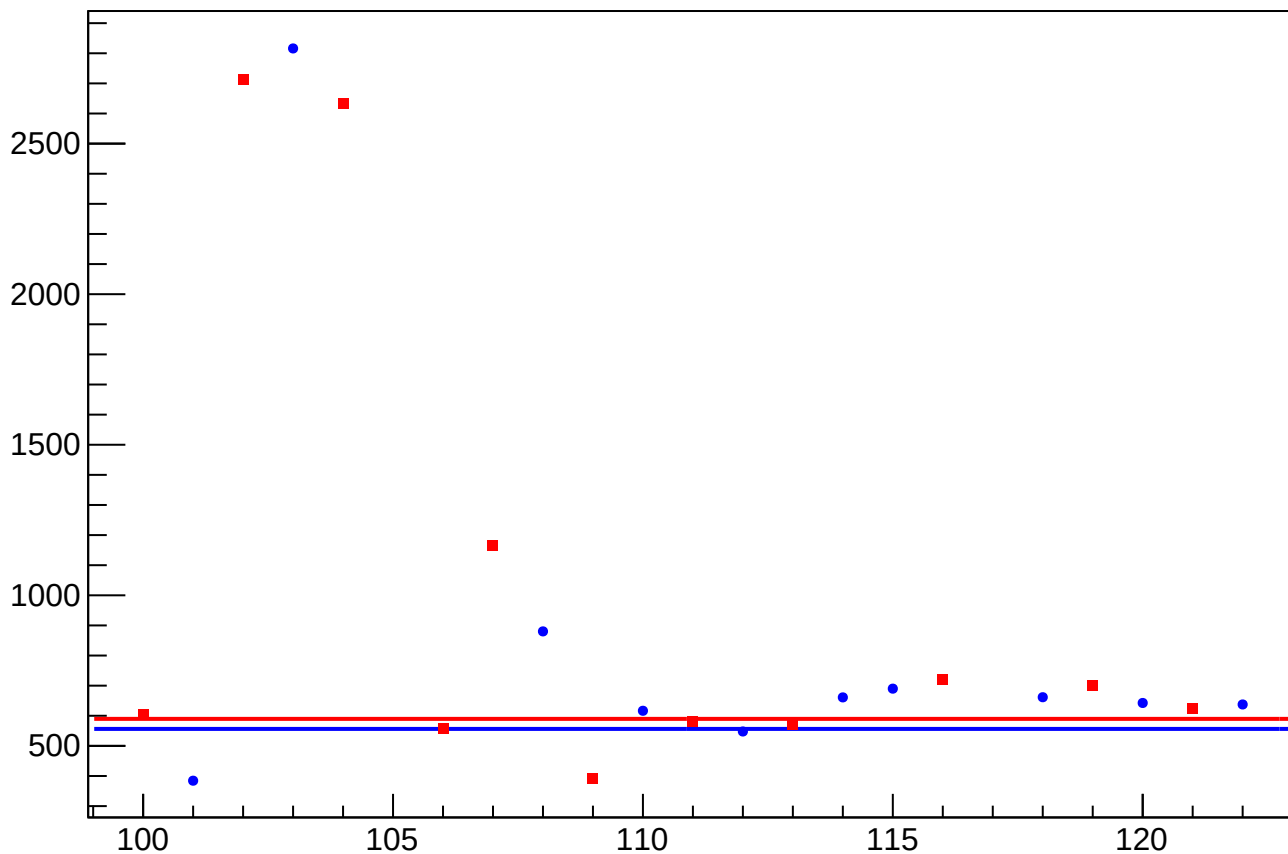
Right: 11.636+/-217.294 χ^2/NDF : 19.7/20

In: 306.644+/-299.504 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.636+/-217.294 χ^2/NDF : 19.7/20

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 556.349+/-0.212 χ^2/NDF : 1213020.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 589.700+/-0.223 χ^2/NDF : 1822446.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

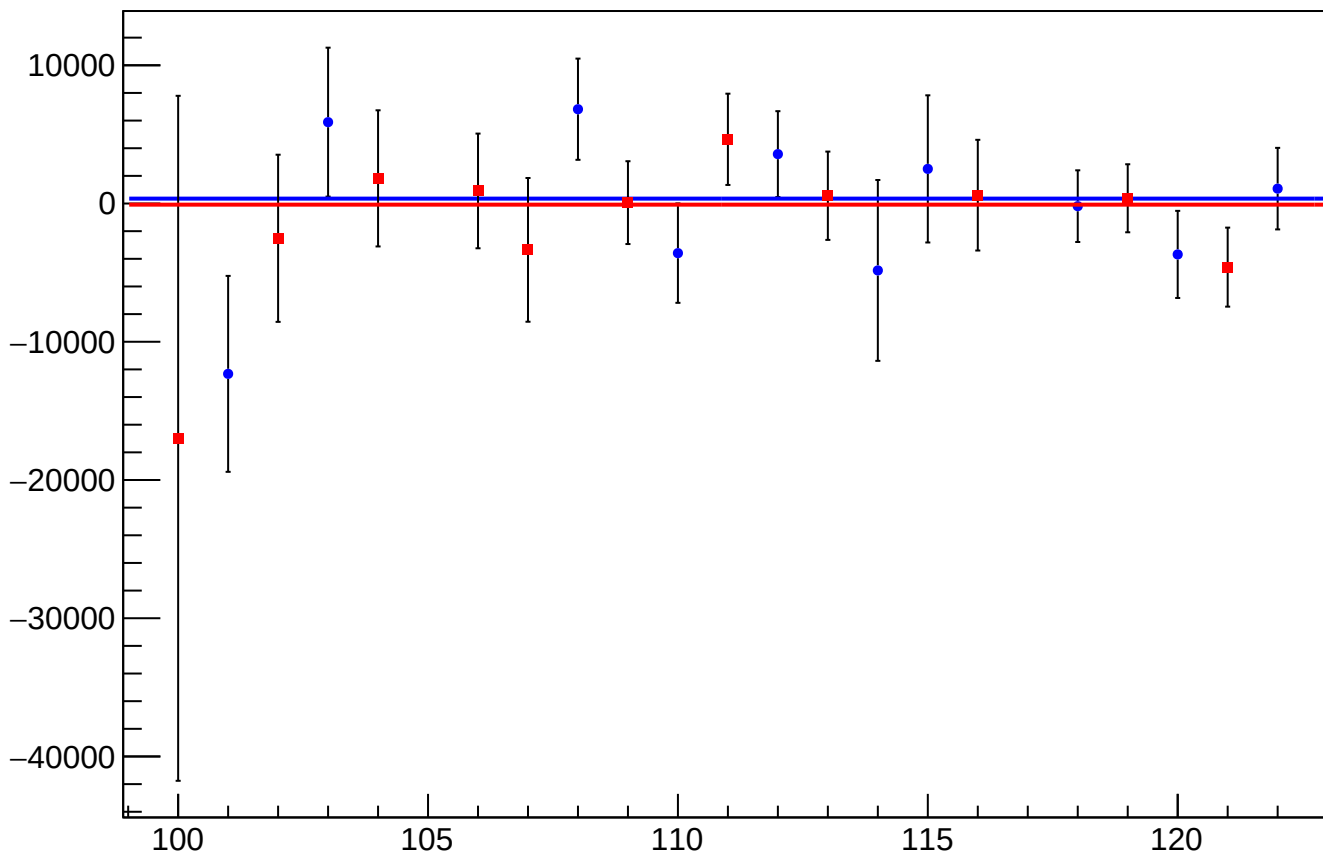
Right: 572.145+/-0.154 χ^2/NDF : 3047212.8/20

In: 556.349+/-0.212 χ^2/NDF :1213020.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 572.145+/-0.154 χ^2/NDF : 3047212.8/20

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 354.557 $\pm$ 1167.956 χ^2 /NDF: 12.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -81.565 $\pm$ 1106.710 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

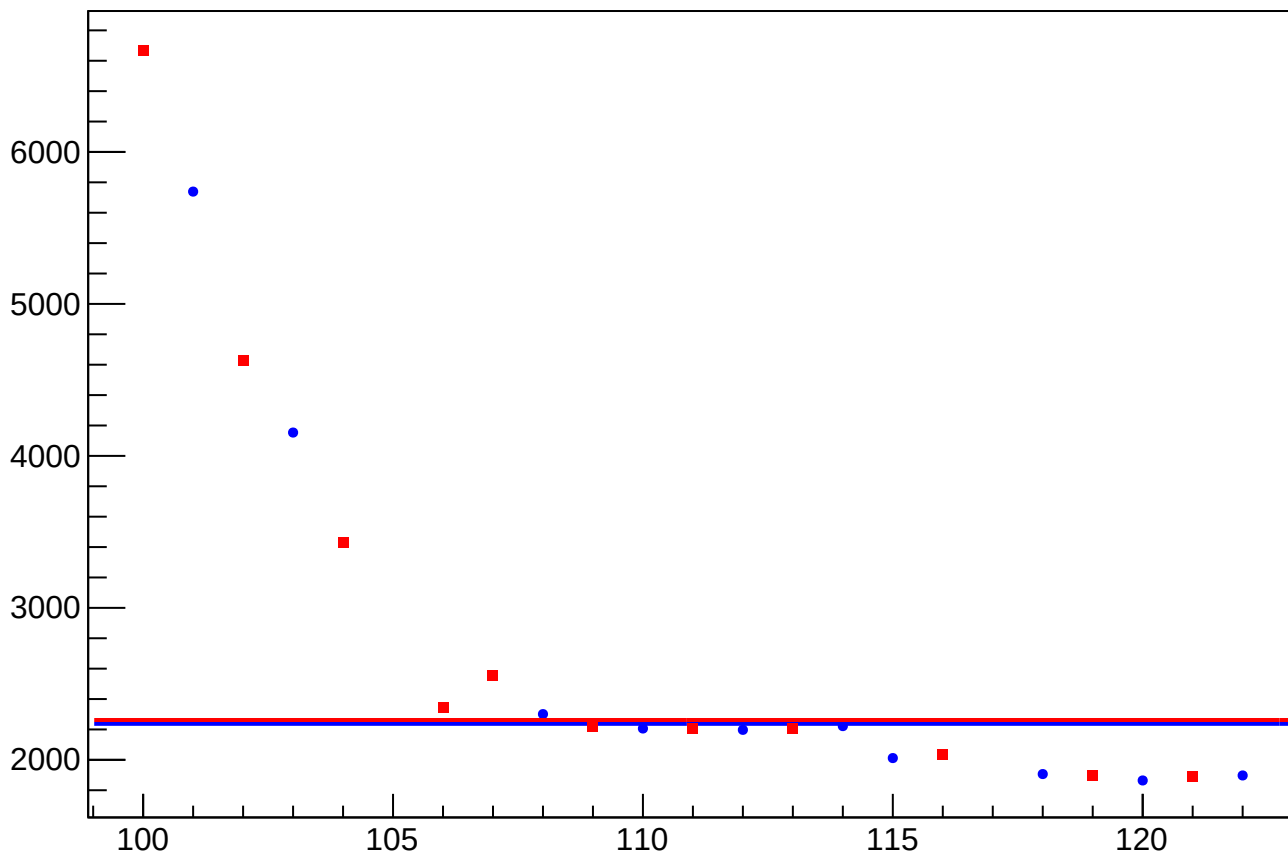
Right: 124.762 $\pm$ 803.342 χ^2 /NDF: 18.2/20

In: 354.557 $\pm$ 1167.956 χ^2 /NDF:12.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.762 $\pm$ 803.342 χ^2 /NDF: 18.2/20

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2236.987+/-0.826 χ^2/NDF : 833191.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2262.181+/-0.783 χ^2/NDF : 574782.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

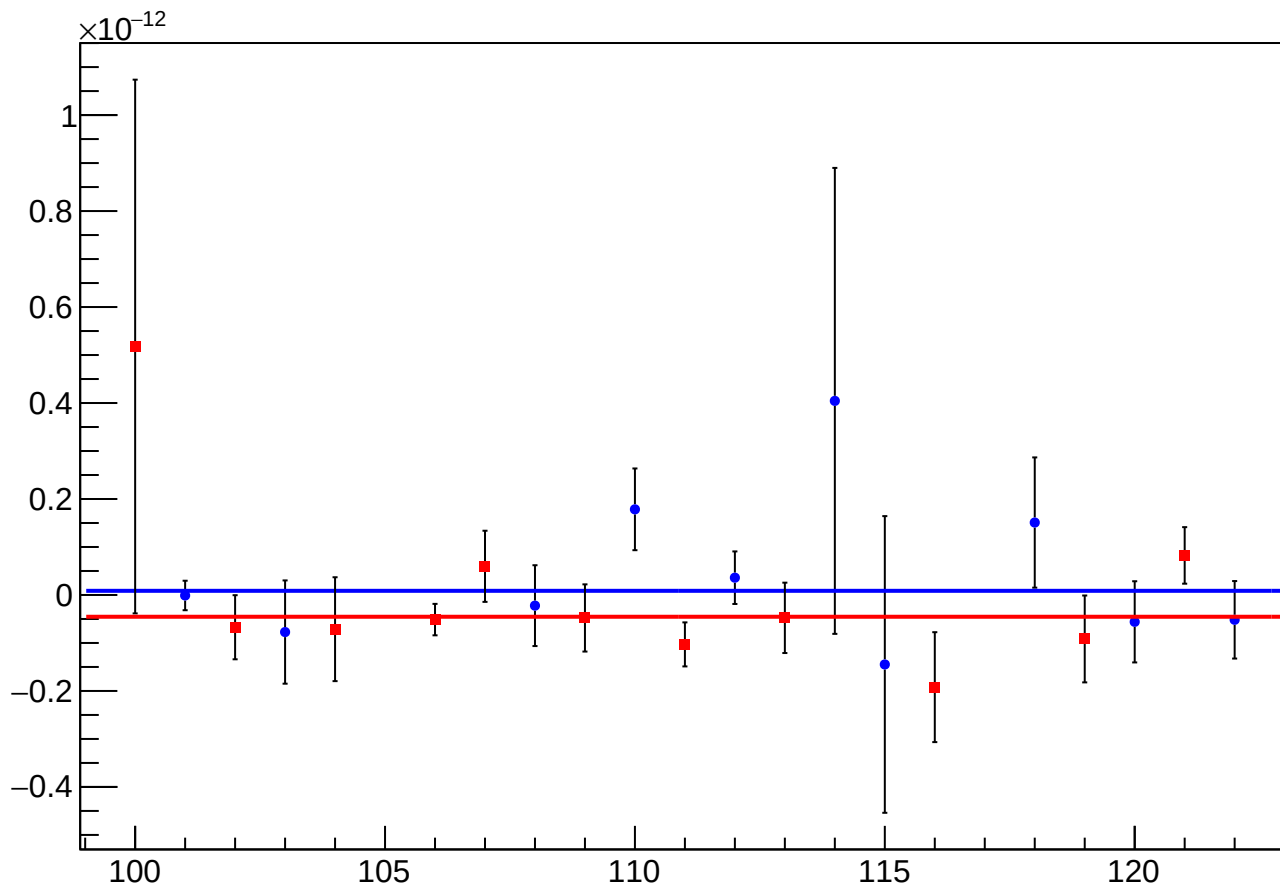
Right: 2250.262+/-0.568 χ^2/NDF : 1408464.0/20

In: 2236.987+/-0.826 χ^2/NDF : 833191.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2250.262+/-0.568 χ^2/NDF : 1408464.0/20

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

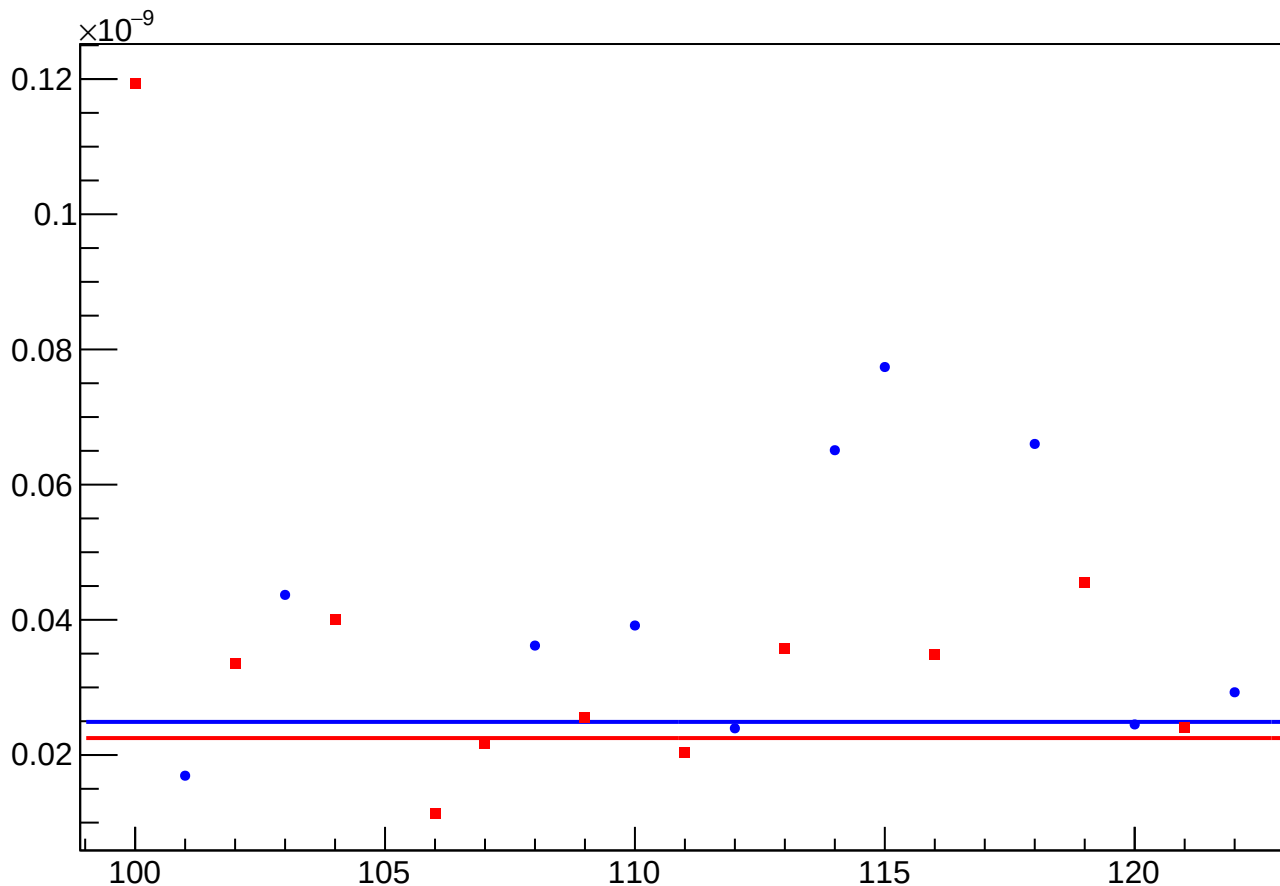
Right: -0.000+/-0.000 χ^2/NDF : 23.2/20

In: 0.000+/-0.000 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.2/20

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 549013.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 627928.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

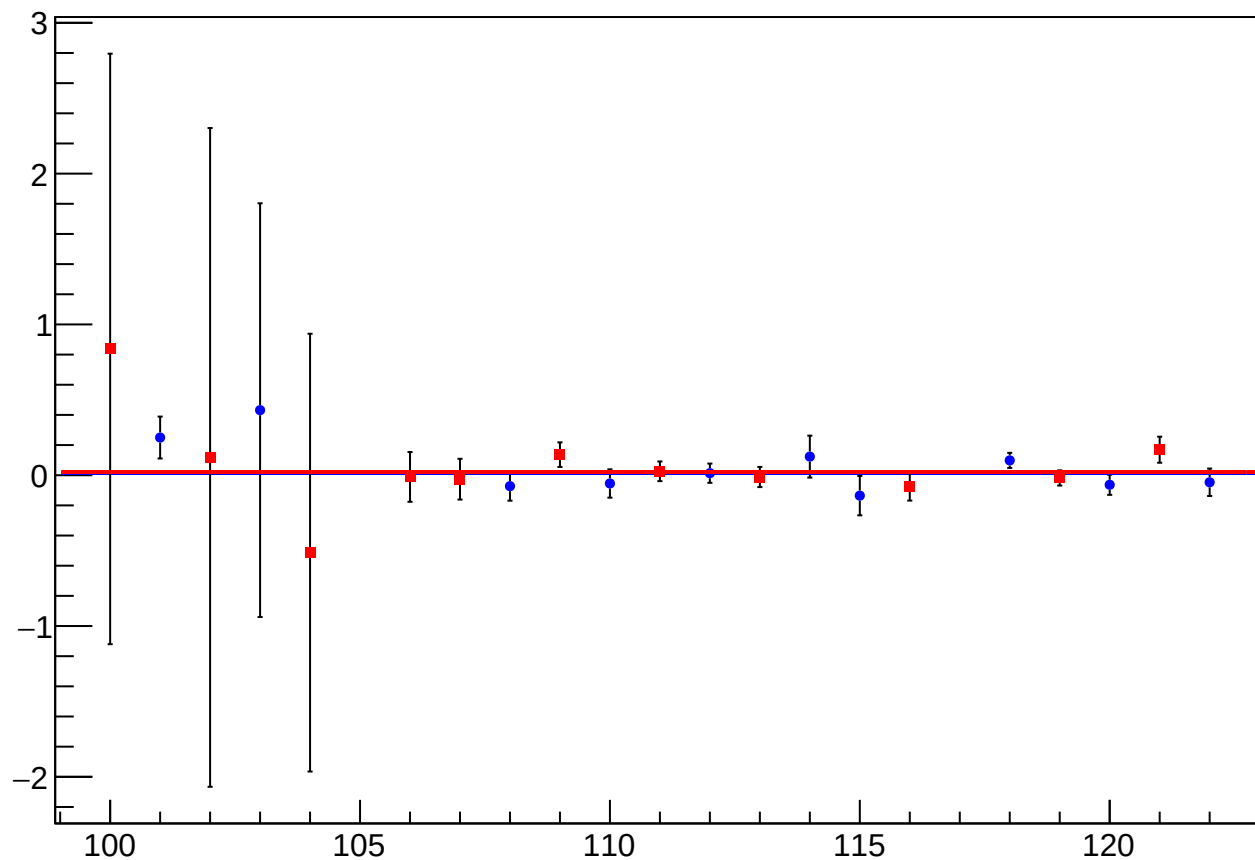
Right: 0.000+/-0.000 χ^2/NDF : 1190709.8/20

In: 0.000+/-0.000 χ^2/NDF : 549013.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1190709.8/20

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.027 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.027 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

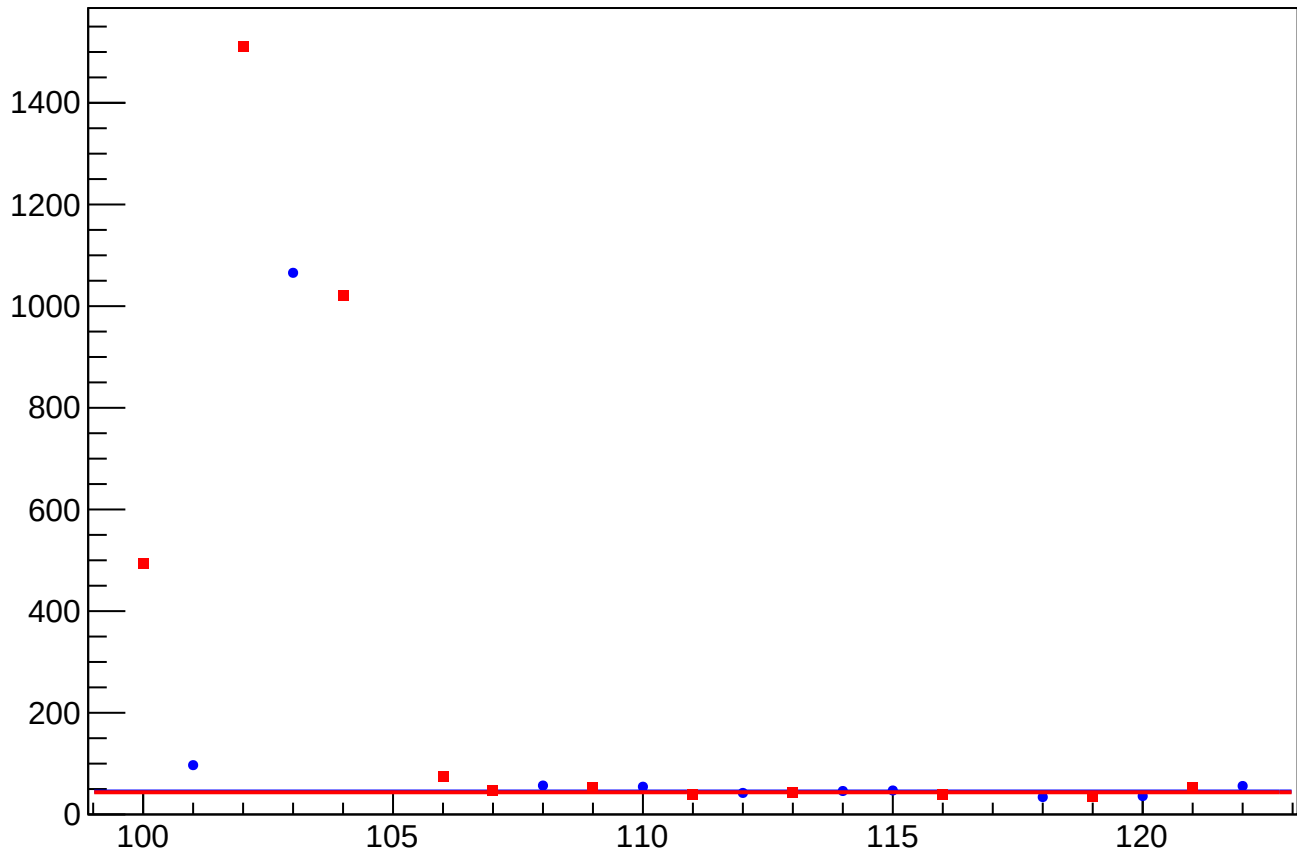
Right: 0.018+/-0.019 χ^2/NDF : 18.3/20

In: 0.015+/-0.027 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.019 χ^2/NDF : 18.3/20

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.130+/-0.019 χ^2/NDF : 1599300.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.649+/-0.019 χ^2/NDF : 2101343.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

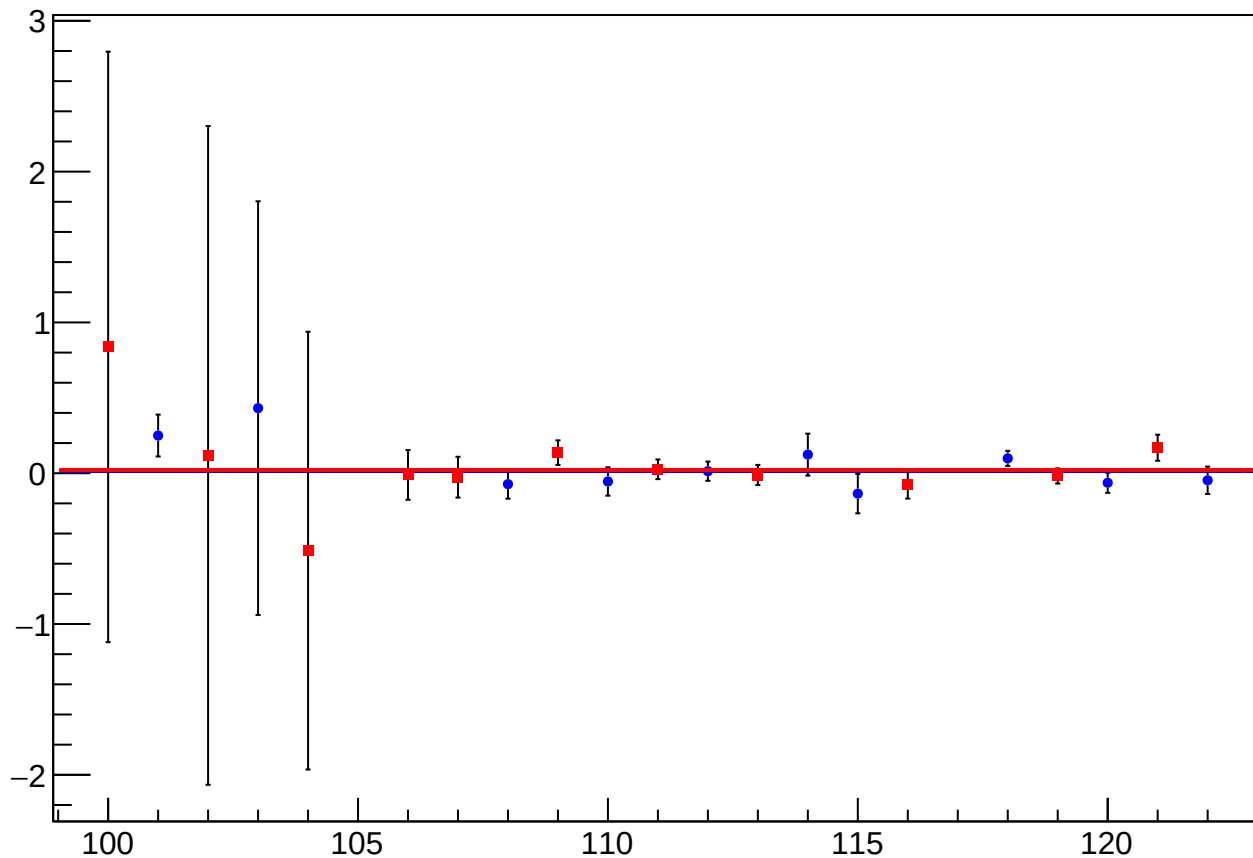
Right: 44.396+/-0.014 χ^2/NDF : 3703630.3/20

In: 45.130+/-0.019 χ^2/NDF : 1599300.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.396+/-0.014 χ^2/NDF : 3703630.3/20

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 : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.027 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

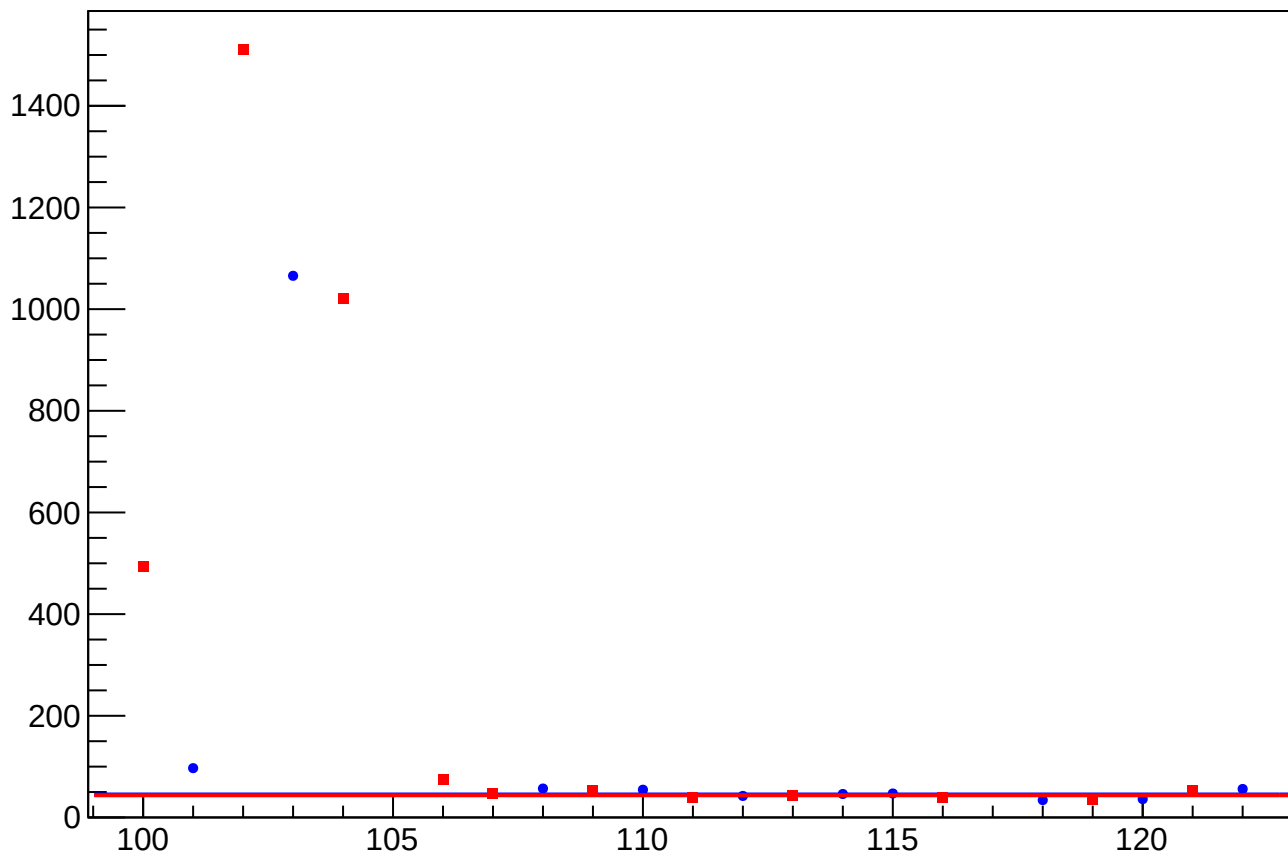
Right: 0.018+/-0.019 χ^2/NDF : 18.3/20

In: 0.015+/-0.027 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.019 χ^2/NDF : 18.3/20

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.130+/-0.019 χ^2/NDF : 1599300.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.649+/-0.019 χ^2/NDF : 2101343.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

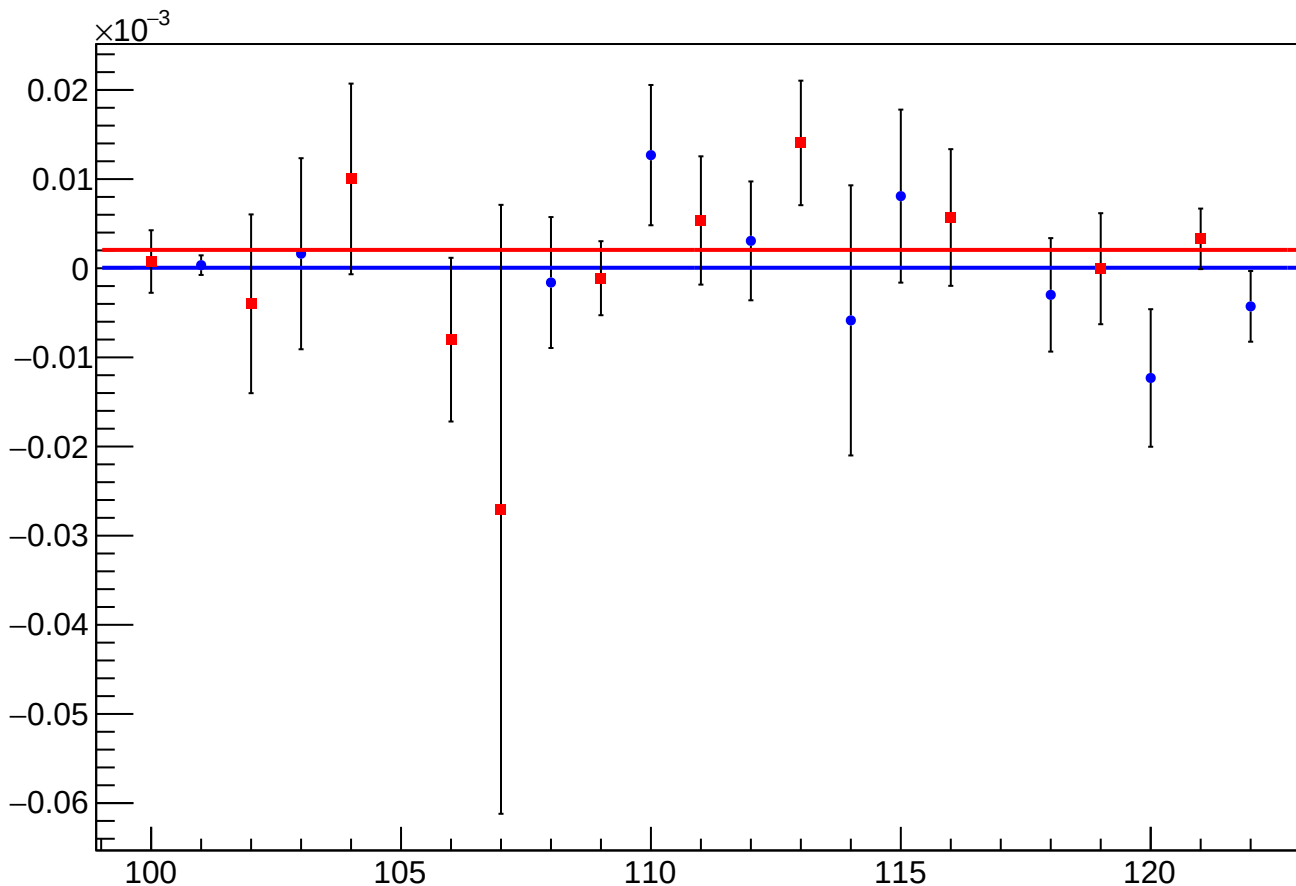
Right: 44.396+/-0.014 χ^2/NDF : 3703630.3/20

In: 45.130+/-0.019 χ^2/NDF : 1599300.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.396+/-0.014 χ^2/NDF : 3703630.3/20

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.8/9

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

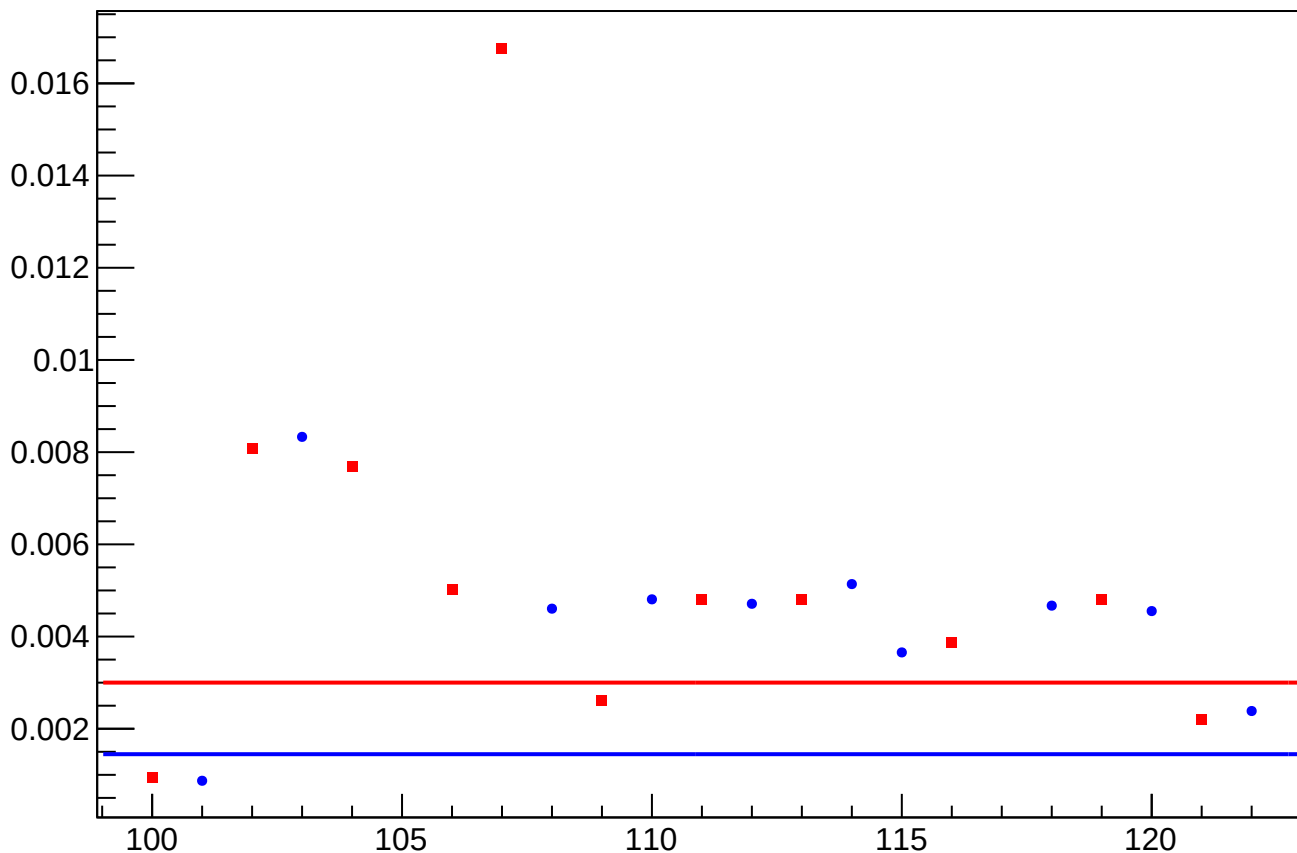
Right: 0.000+/-0.000 χ^2/NDF : 16.0/20

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 : 16.0/20

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 : 3758328.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2588374.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

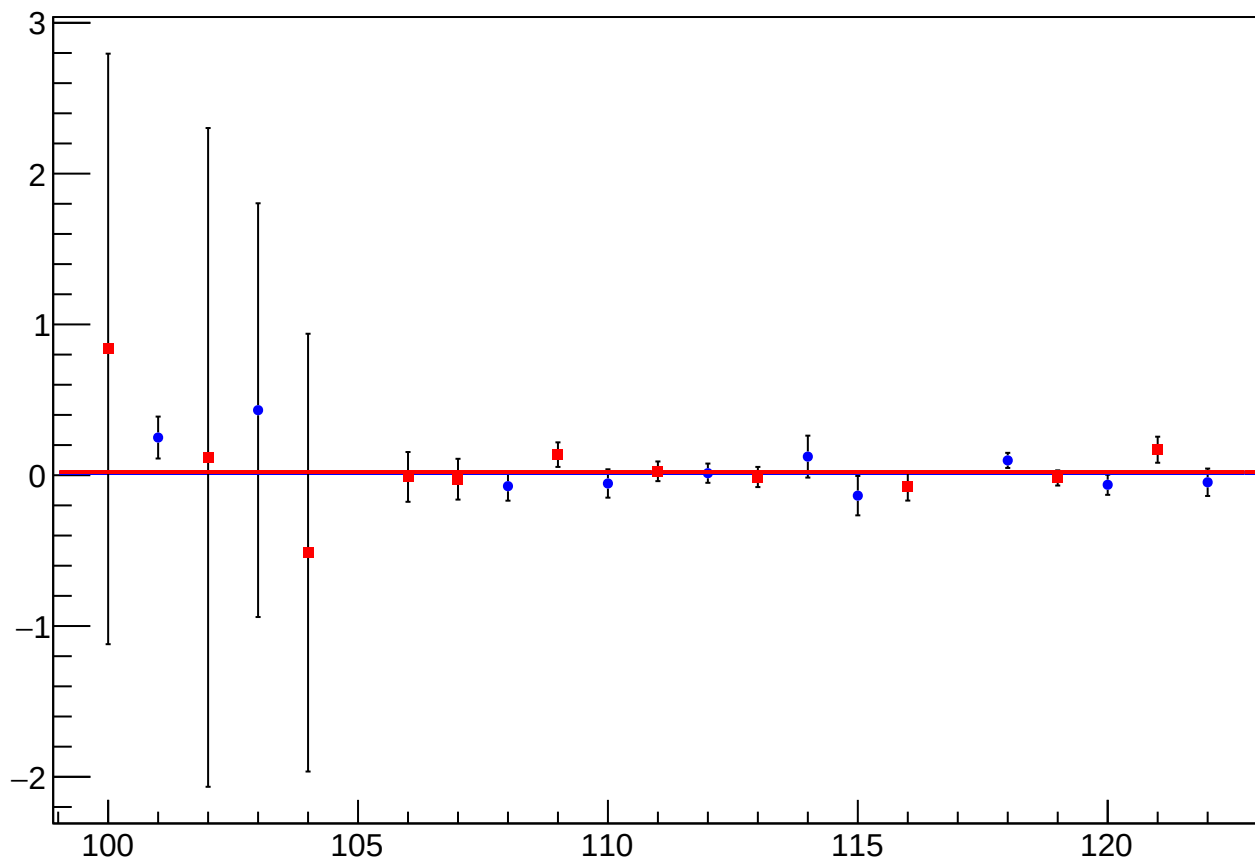
Right: 0.002+/-0.000 χ^2/NDF : 7575154.7/20

In: 0.001+/-0.000 χ^2/NDF :3758328.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7575154.7/20

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 : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.027 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

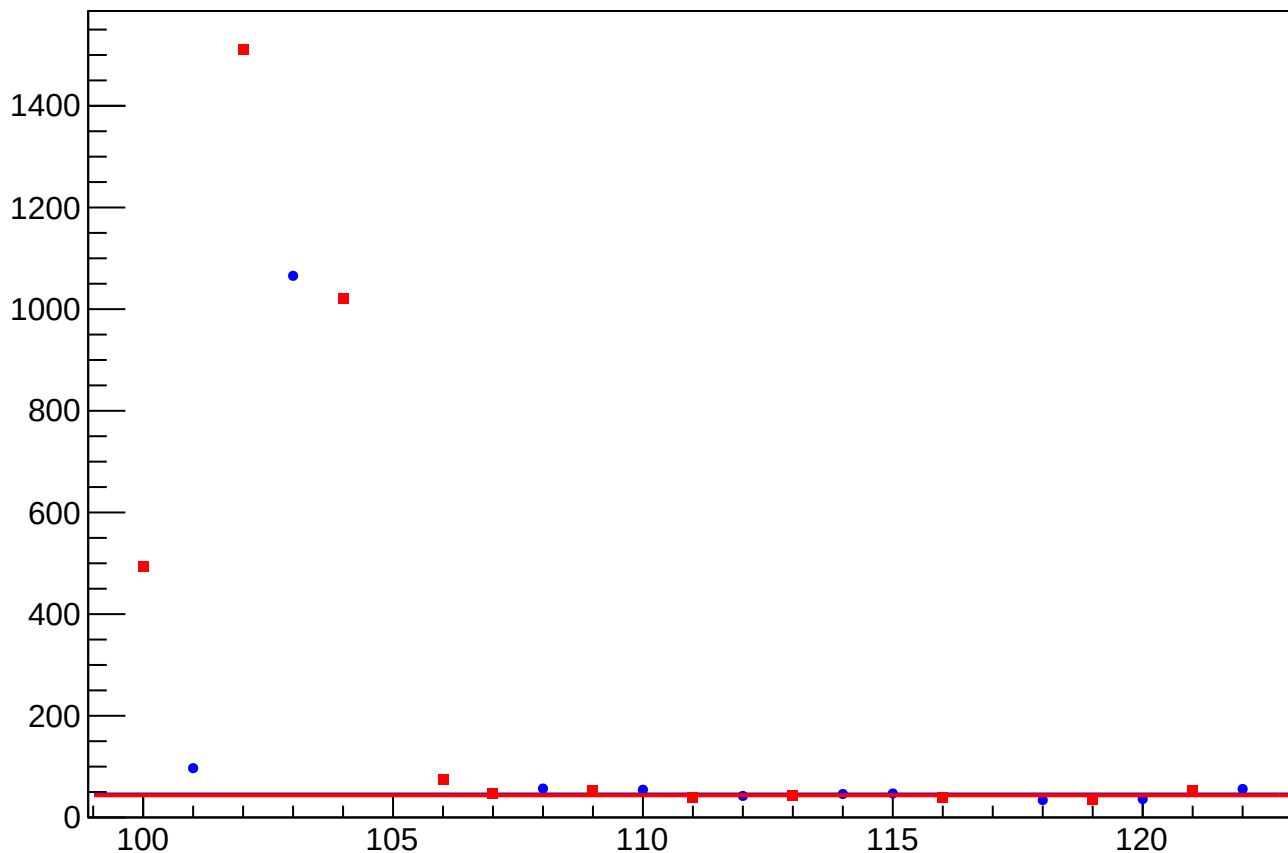
Right: 0.018+/-0.019 χ^2/NDF : 18.3/20

In: 0.015+/-0.027 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.019 χ^2/NDF : 18.3/20

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.131+/-0.019 χ^2/NDF : 1599272.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.648+/-0.019 χ^2/NDF : 2101382.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

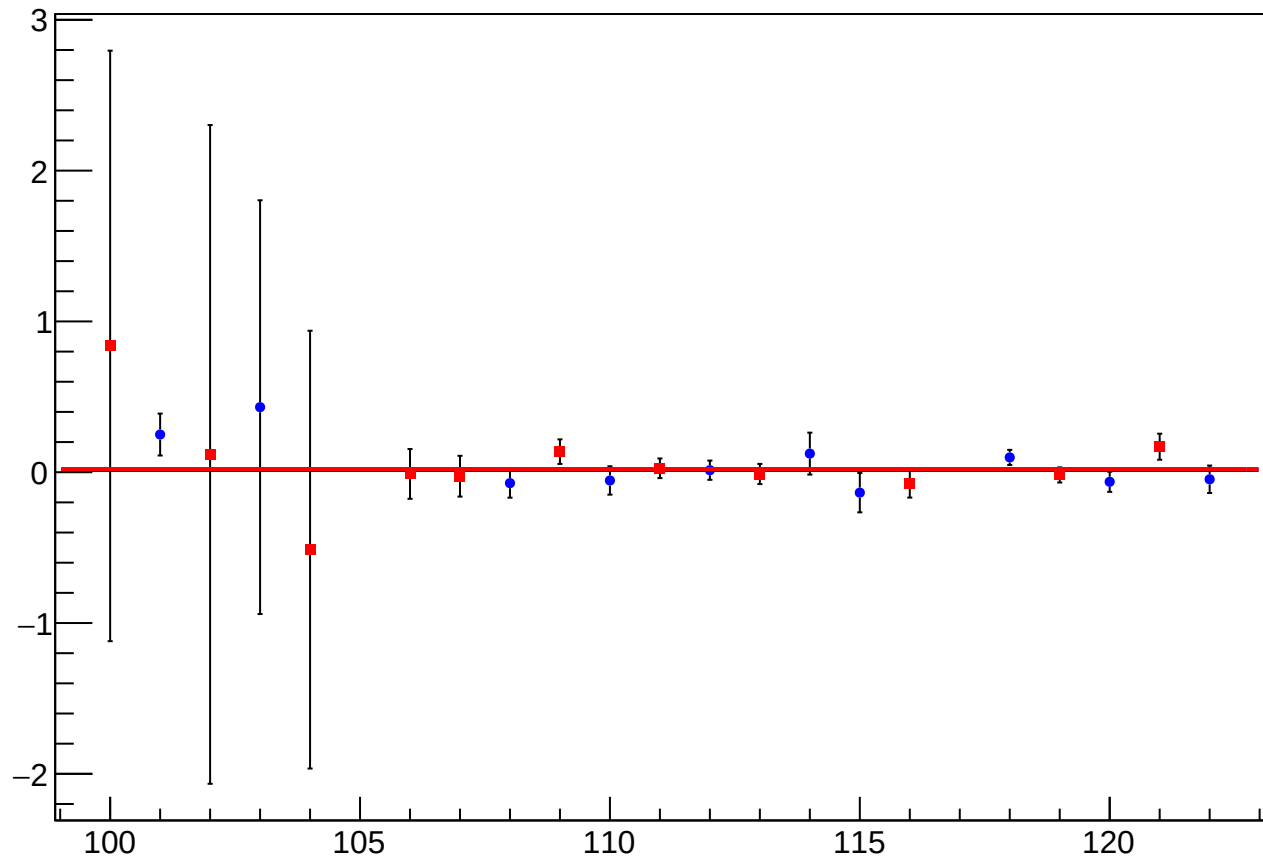
Right: 44.396+/-0.014 χ^2/NDF : 3703647.8/20

In: 45.131+/-0.019 χ^2/NDF :1599272.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 44.396+/-0.014 χ^2/NDF : 3703647.8/20

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 : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.027 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

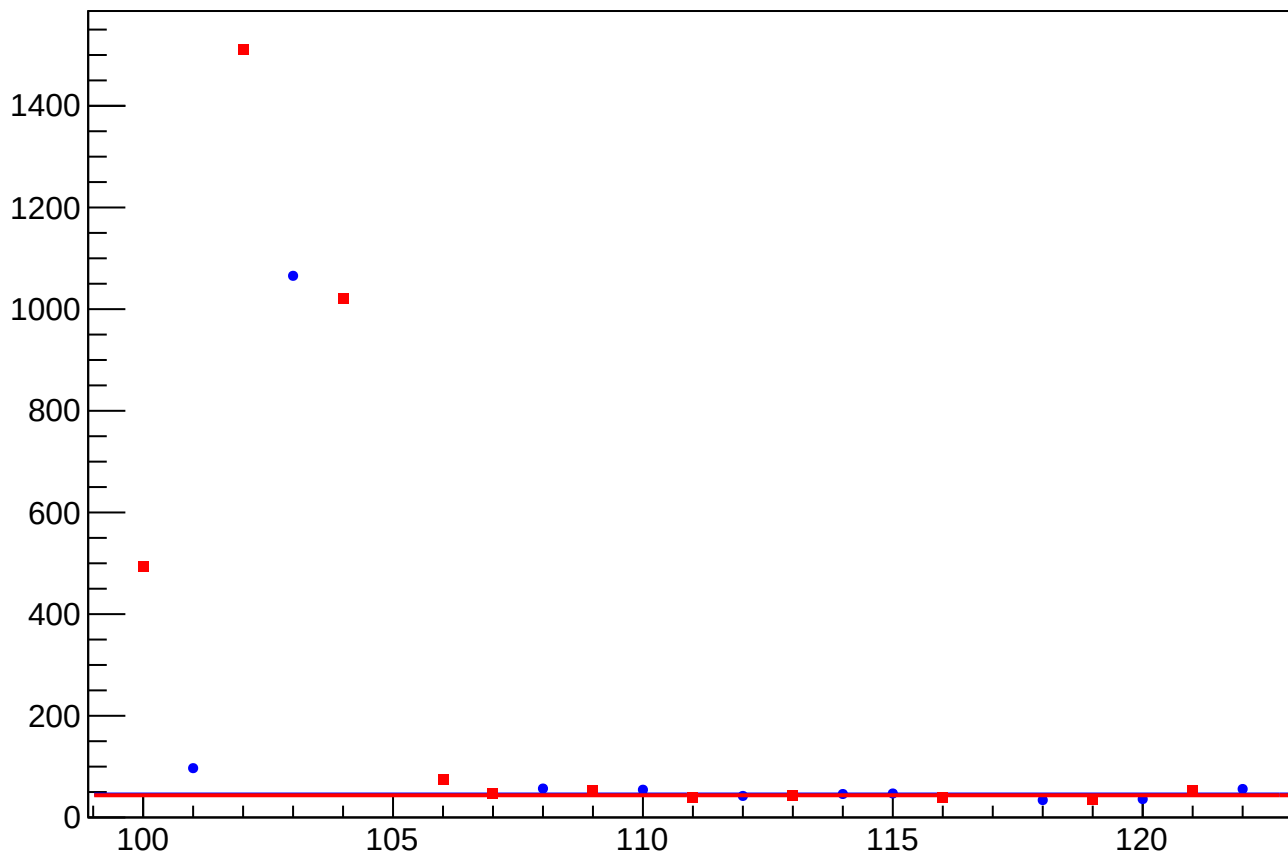
Right: 0.018+/-0.019 χ^2/NDF : 18.3/20

In: 0.015+/-0.027 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.019 χ^2/NDF : 18.3/20

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.131+/-0.019 χ^2/NDF : 1599272.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.648+/-0.019 χ^2/NDF : 2101382.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

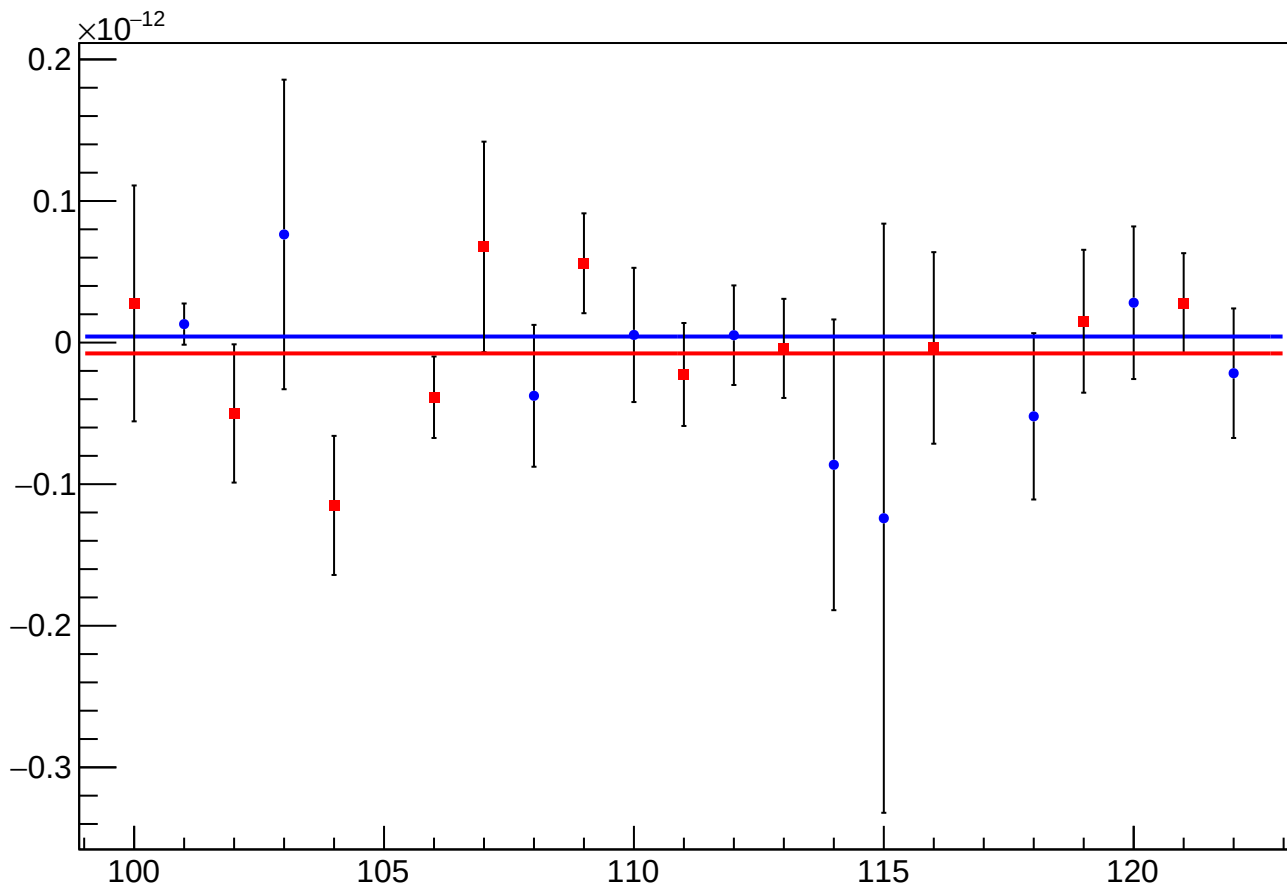
Right: 44.396+/-0.014 χ^2/NDF : 3703647.8/20

In: 45.131+/-0.019 χ^2/NDF : 1599272.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.396+/-0.014 χ^2/NDF : 3703647.8/20

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 : 4.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

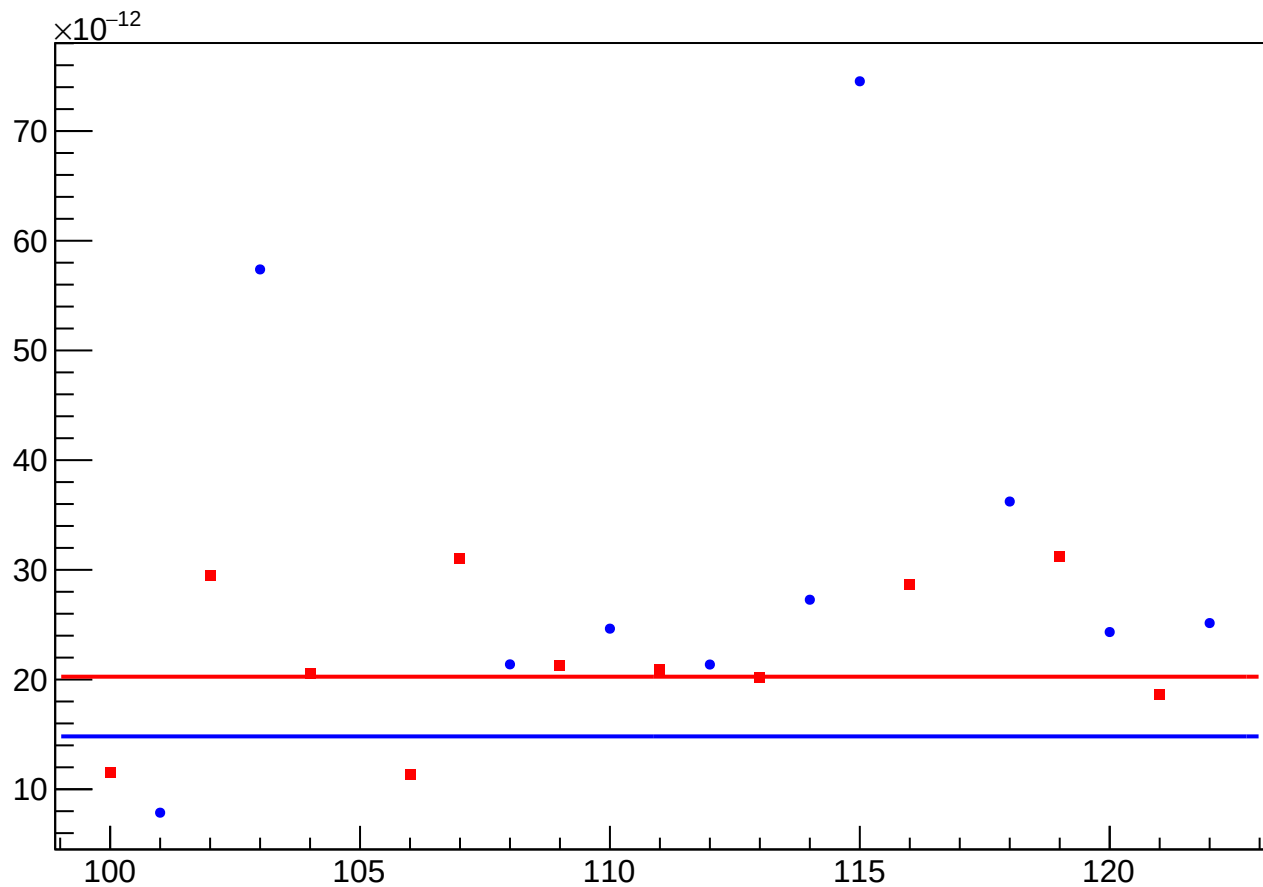
Right: -0.000+/-0.000 χ^2/NDF : 17.1/20

In: 0.000+/-0.000 χ^2/NDF : 4.1/9

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_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1573693.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 458544.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

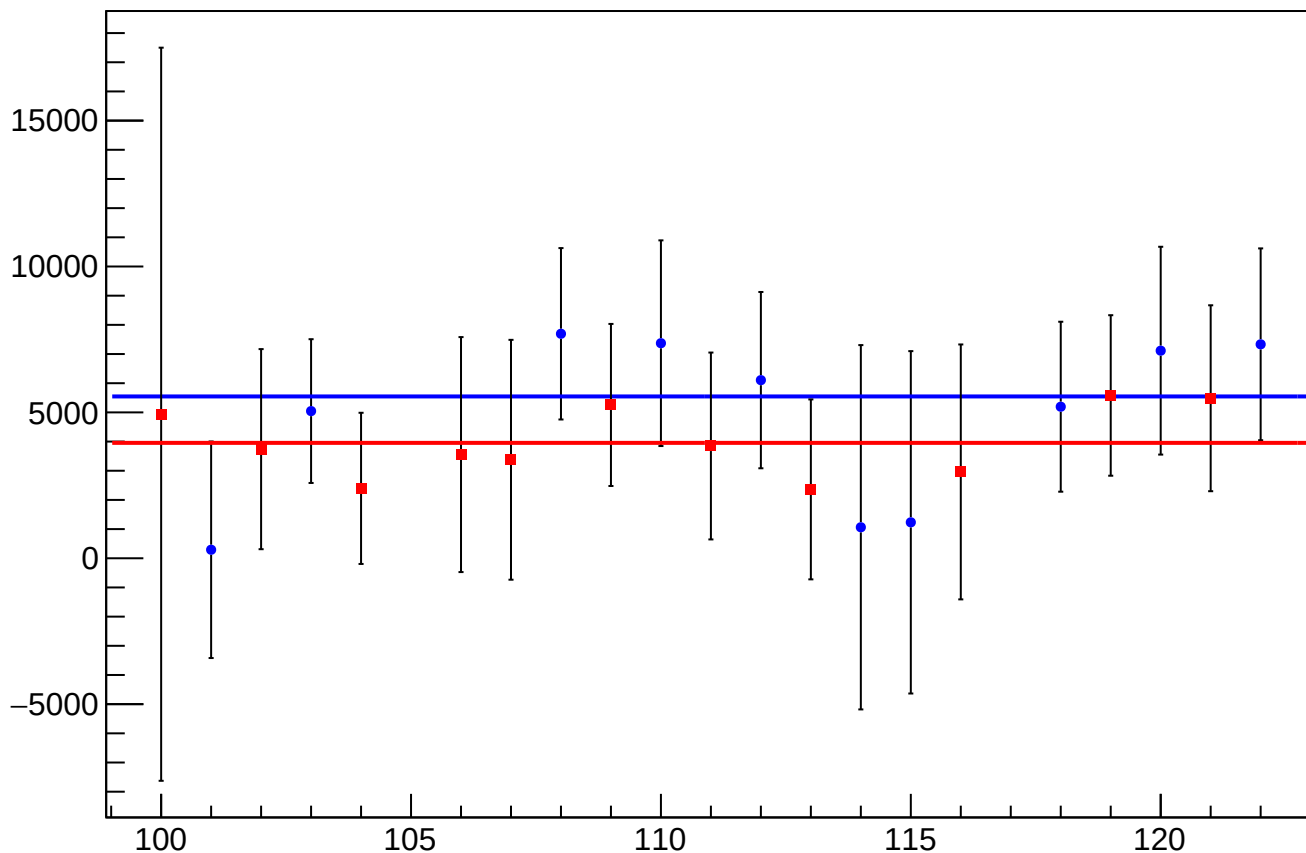
Right: 0.000+/-0.000 χ^2/NDF : 2234638.8/20

In: 0.000+/-0.000 χ^2/NDF : 1573693.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2234638.8/20

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5546.432+/-1061.595 χ^2/NDF : 4.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3955.293+/-1011.887 χ^2/NDF : 1.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

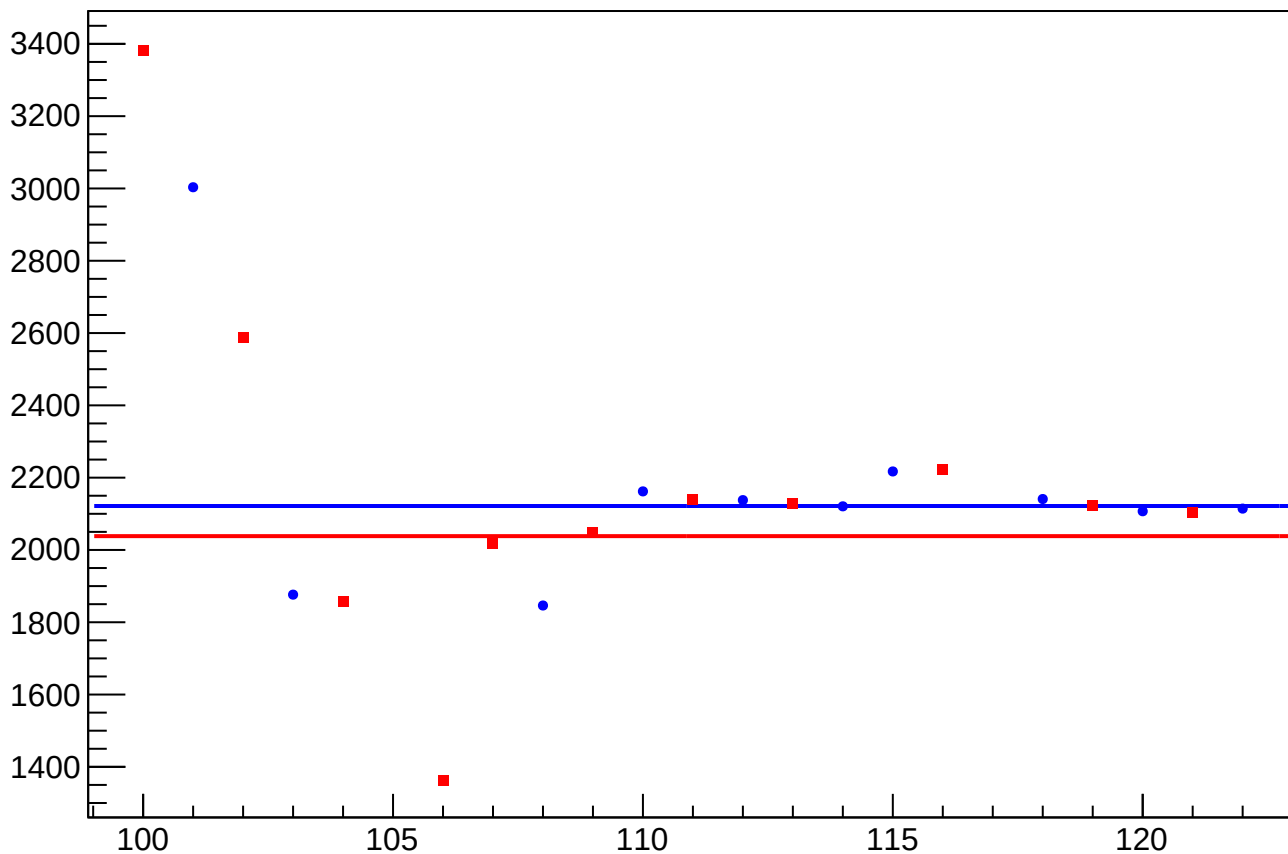
Right: 4712.740+/-732.455 χ^2/NDF : 7.1/20

In: 5546.432+/-1061.595 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4712.740+/-732.455 χ^2/NDF : 7.1/20

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2121.571+/-0.751 χ^2/NDF : 151290.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2038.233+/-0.698 χ^2/NDF : 195525.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

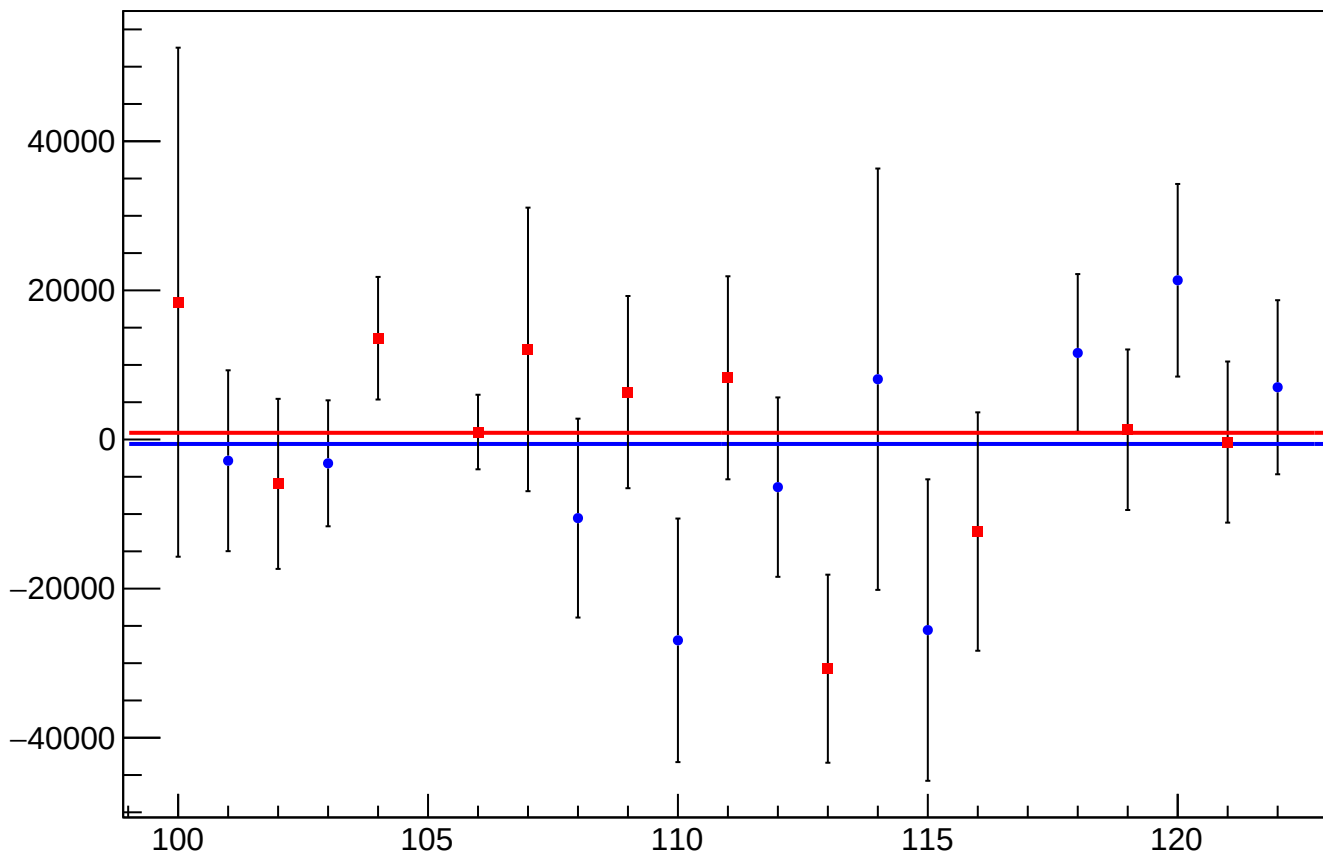
Right: 2076.875+/-0.511 χ^2/NDF : 353426.9/20

In: 2121.571+/-0.751 χ^2/NDF :151290.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2076.875+/-0.511 χ^2/NDF : 353426.9/20

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -598.789+/-3982.371 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 896.950+/-3087.343 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

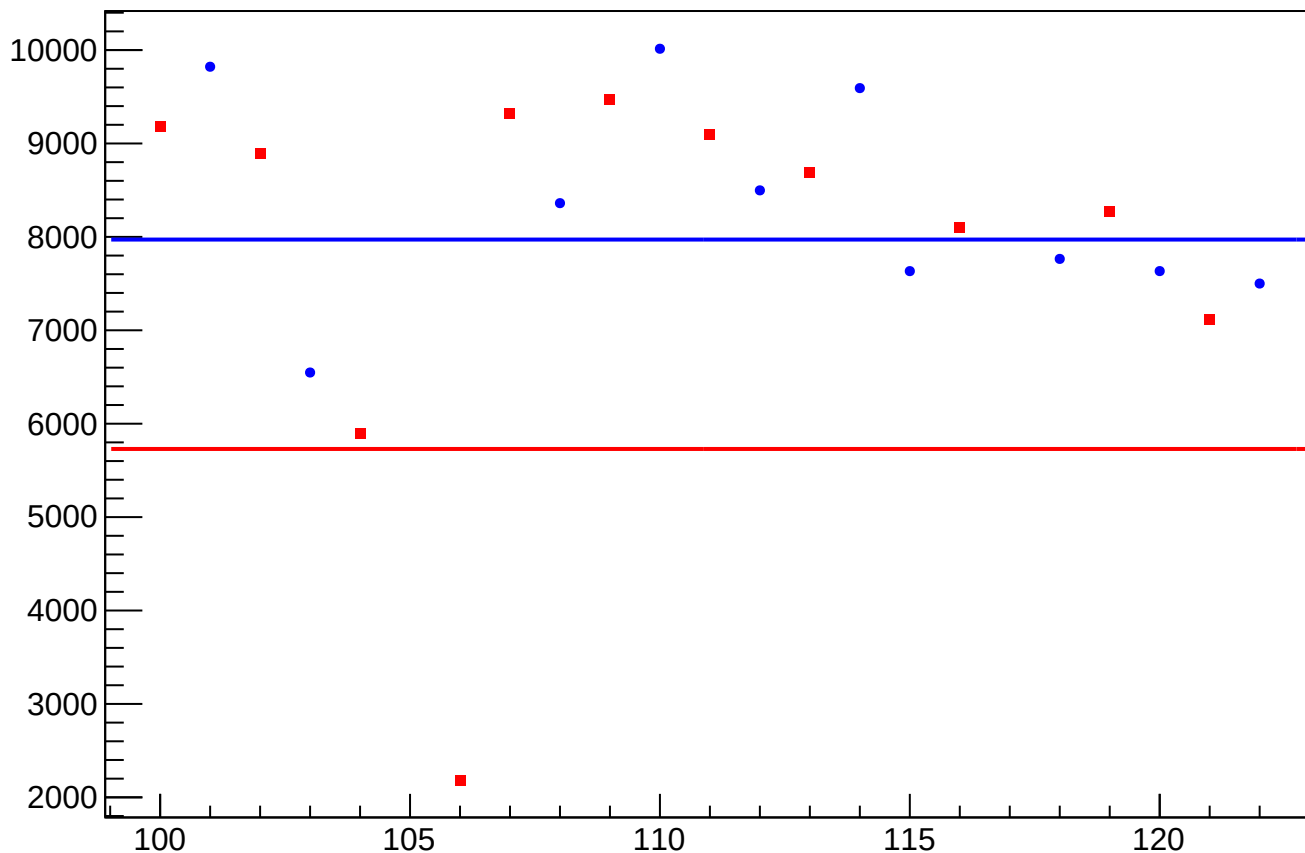
Right: 335.454+/-2439.984 χ^2/NDF : 20.7/20

In: -598.789+/-3982.371 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 335.454+/-2439.984 χ^2/NDF : 20.7/20

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 7971.319+/-2.816 χ^2/NDF : 152666.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5729.568+/-2.183 χ^2/NDF : 1842966.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

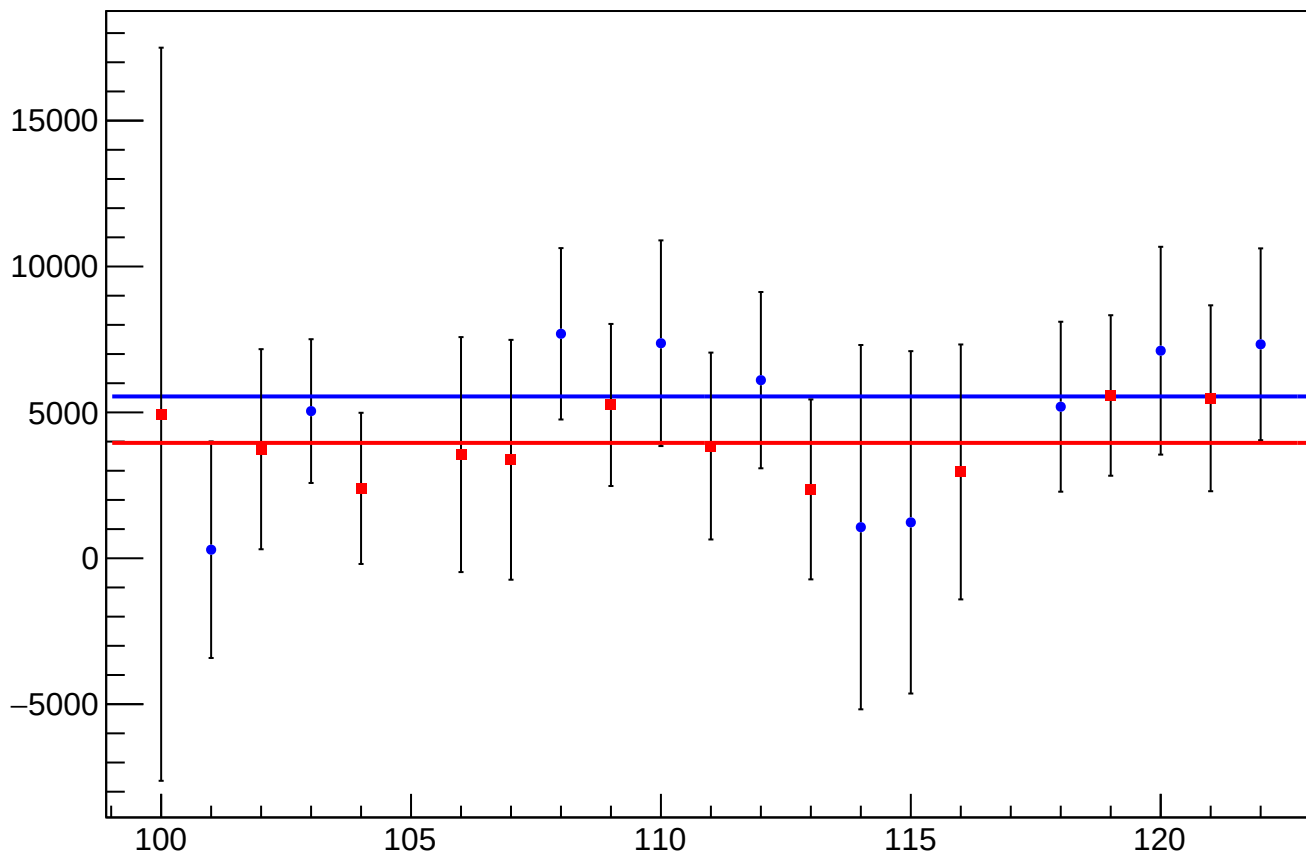
Right: 6571.114+/-1.725 χ^2/NDF : 2391478.5/20

In: 7971.319+/-2.816 χ^2/NDF : 152666.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6571.114+/-1.725 χ^2/NDF : 2391478.5/20

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5546.825+/-1061.595 χ^2/NDF : 4.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3954.963+/-1011.887 χ^2/NDF : 1.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

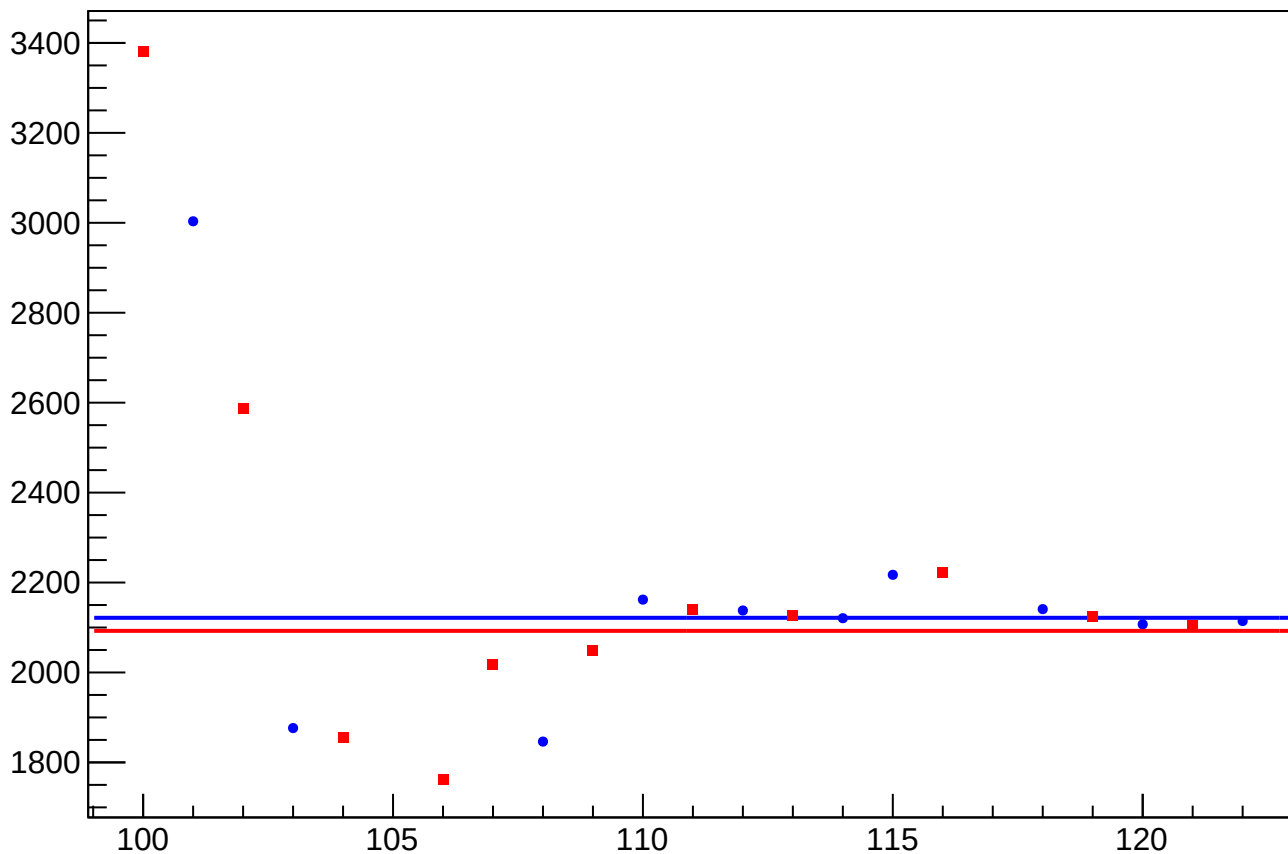
Right: 4712.754+/-732.455 χ^2/NDF : 7.1/20

In: 5546.825+/-1061.595 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4712.754+/-732.455 χ^2/NDF : 7.1/20

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2121.571+/-0.751 χ^2/NDF : 151290.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.545+/-0.710 χ^2/NDF : 100030.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

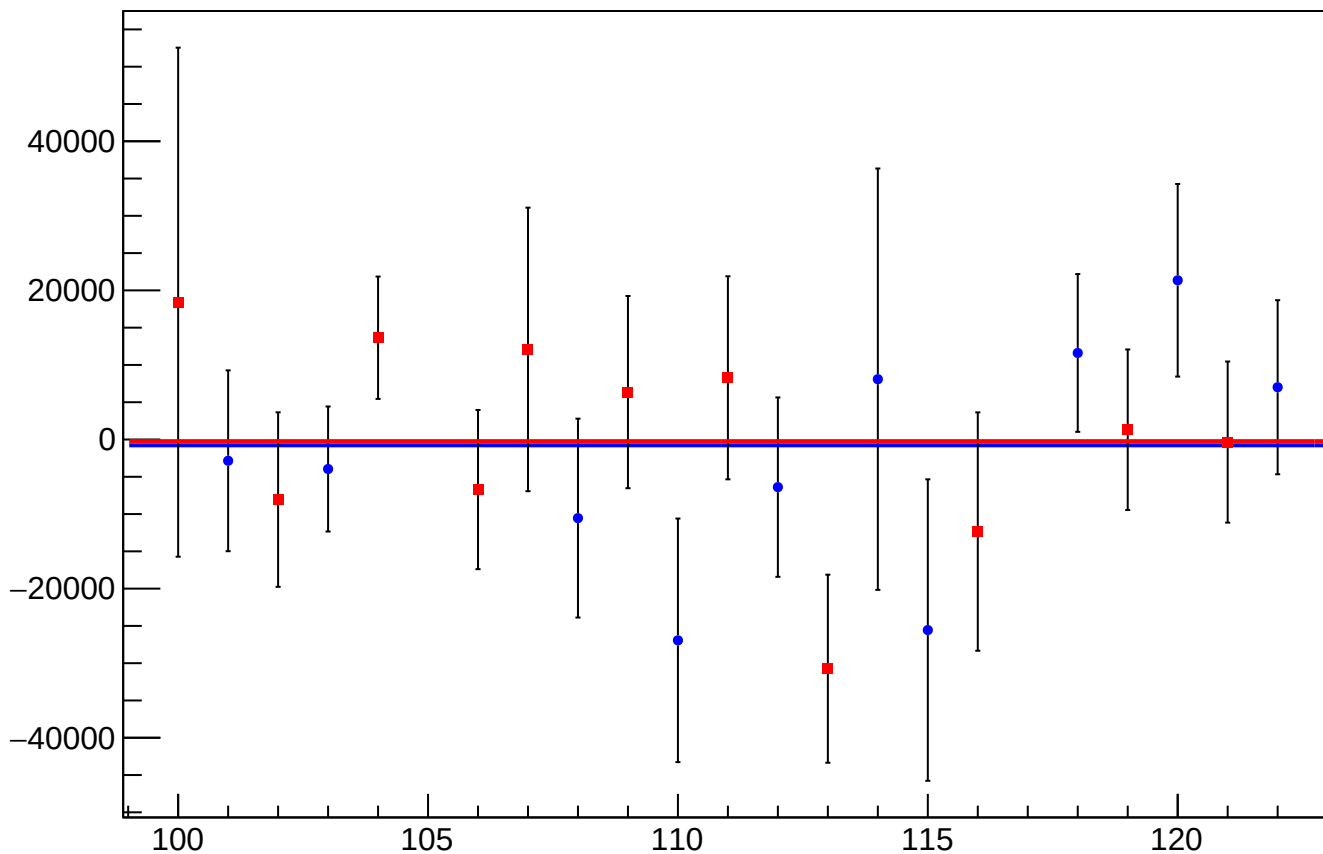
Right: 2106.250+/-0.516 χ^2/NDF : 252110.3/20

In: 2121.571+/-0.751 χ^2/NDF : 151290.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2106.250+/-0.516 χ^2/NDF : 252110.3/20

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -779.360+/-3975.575 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -219.078+/-3691.804 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

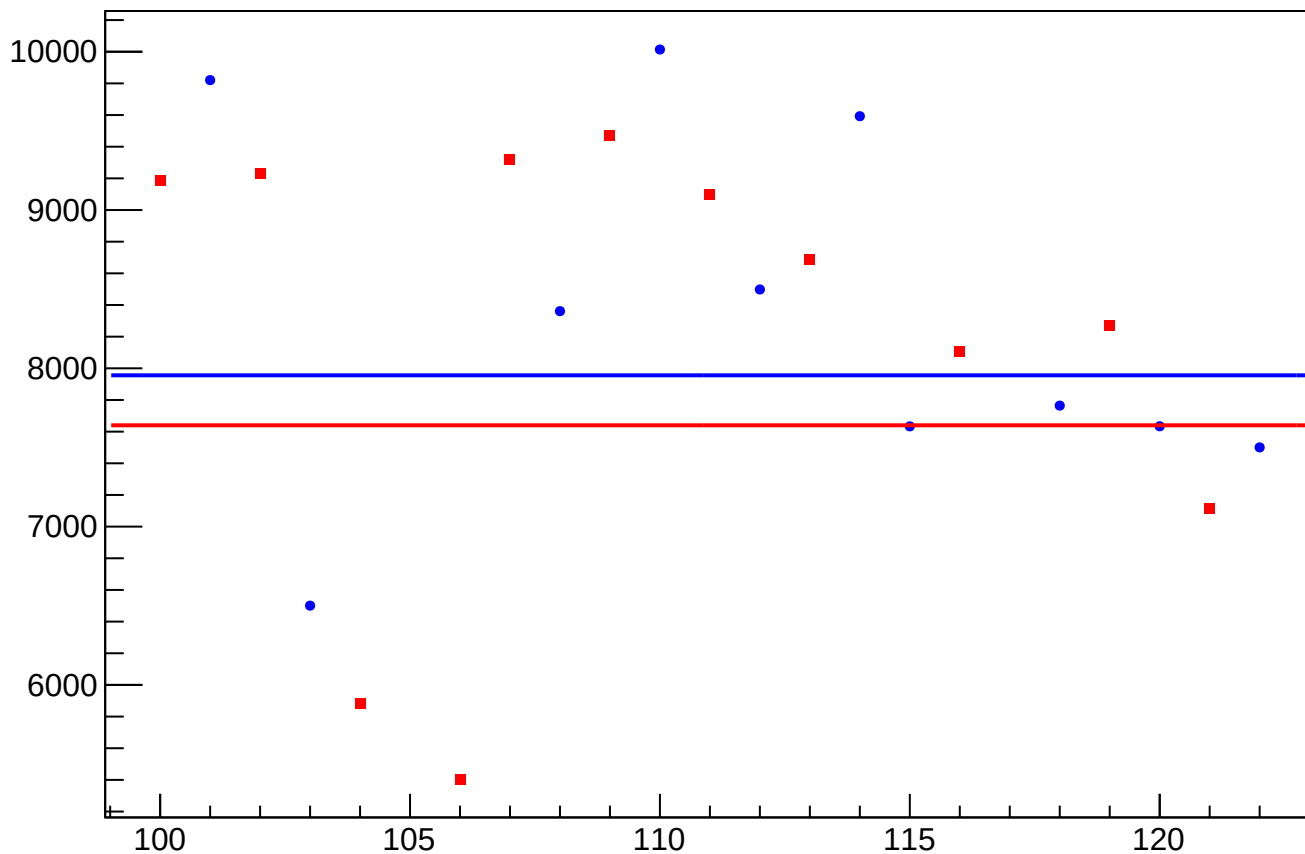
Right: -478.511+/-2705.263 χ^2/NDF : 21.3/20

In: -779.360+/-3975.575 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.511+/-2705.263 χ^2/NDF : 21.3/20

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 7955.786+/-2.811 χ^2/NDF : 157367.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7639.954+/-2.610 χ^2/NDF : 327032.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

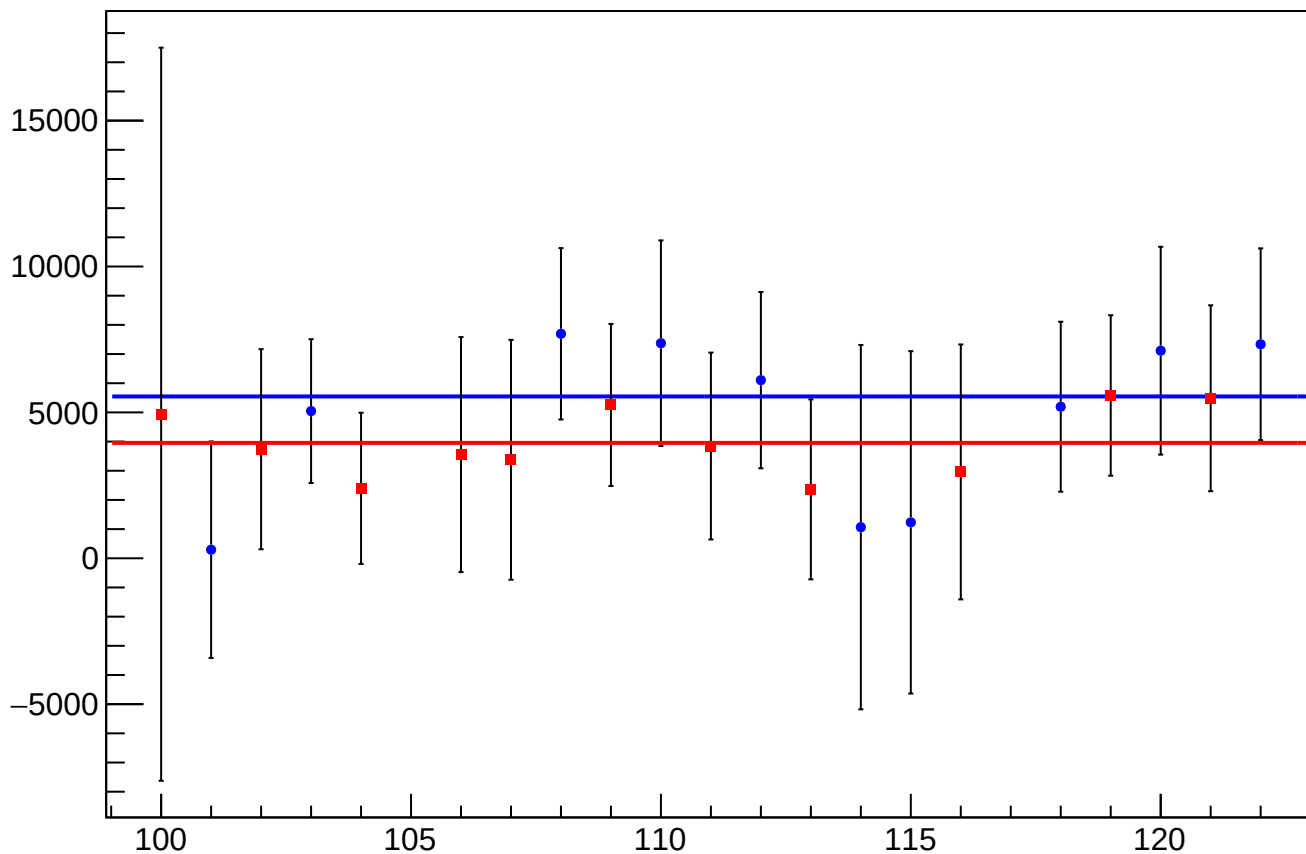
Right: 7786.197+/-1.913 χ^2/NDF : 491177.1/20

In: 7955.786+/-2.811 χ^2/NDF : 157367.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7786.197+/-1.913 χ^2/NDF : 491177.1/20

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5546.825+/-1061.595 χ^2/NDF : 4.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3954.963+/-1011.887 χ^2/NDF : 1.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

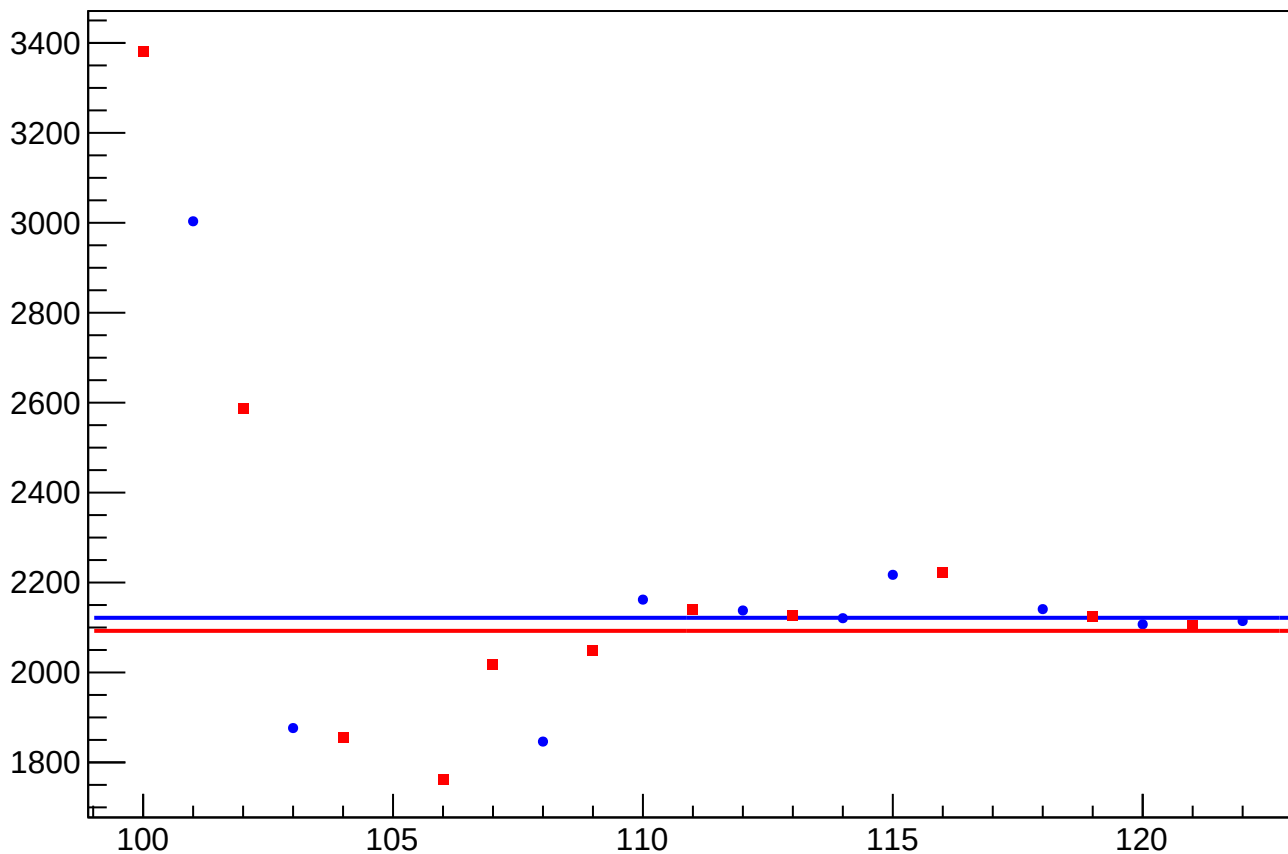
Right: 4712.754+/-732.455 χ^2/NDF : 7.1/20

In: 5546.825+/-1061.595 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4712.754+/-732.455 χ^2/NDF : 7.1/20

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2121.571+/-0.751 χ^2 /NDF: 151290.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2092.545+/-0.710 χ^2 /NDF: 100030.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

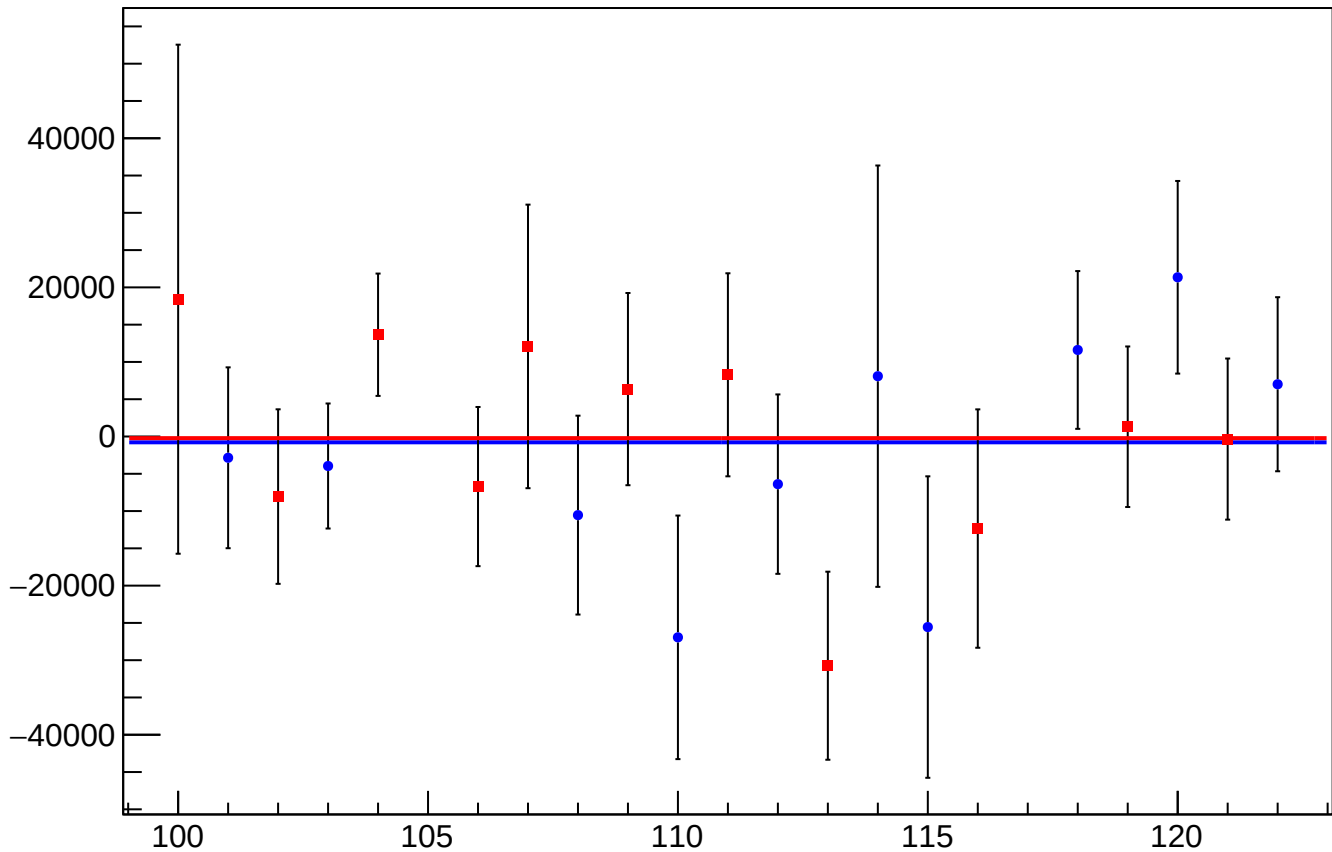
Right: 2106.250+/-0.516 χ^2 /NDF: 252110.3/20

In: 2121.571+/-0.751 χ^2 /NDF:151290.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2106.250+/-0.516 χ^2 /NDF: 252110.3/20

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -779.360+/-3975.575 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -219.078+/-3691.804 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

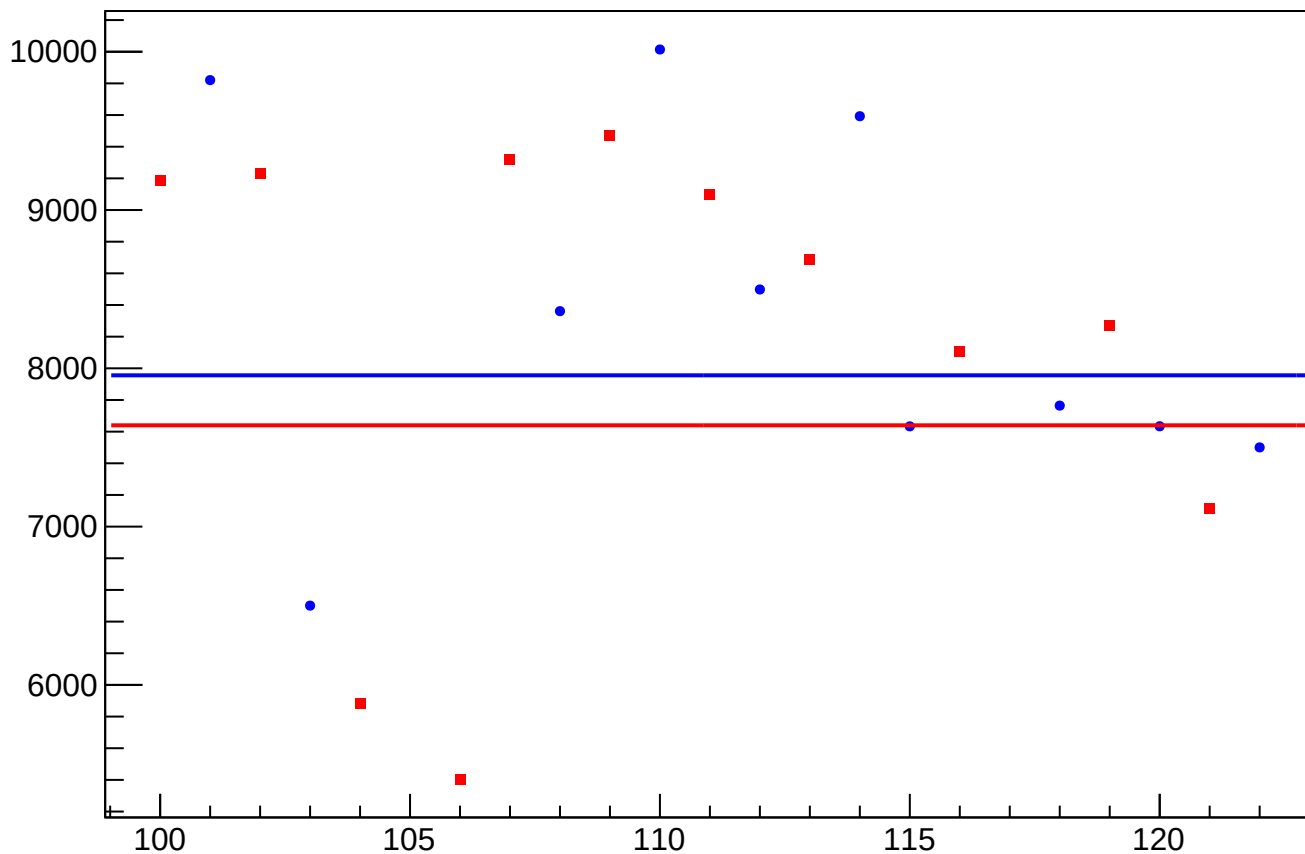
Right: -478.511+/-2705.263 χ^2/NDF : 21.3/20

In: -779.360+/-3975.575 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -478.511+/-2705.263 χ^2/NDF : 21.3/20

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7955.786+/-2.811 χ^2/NDF : 157367.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7639.954+/-2.610 χ^2/NDF : 327032.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

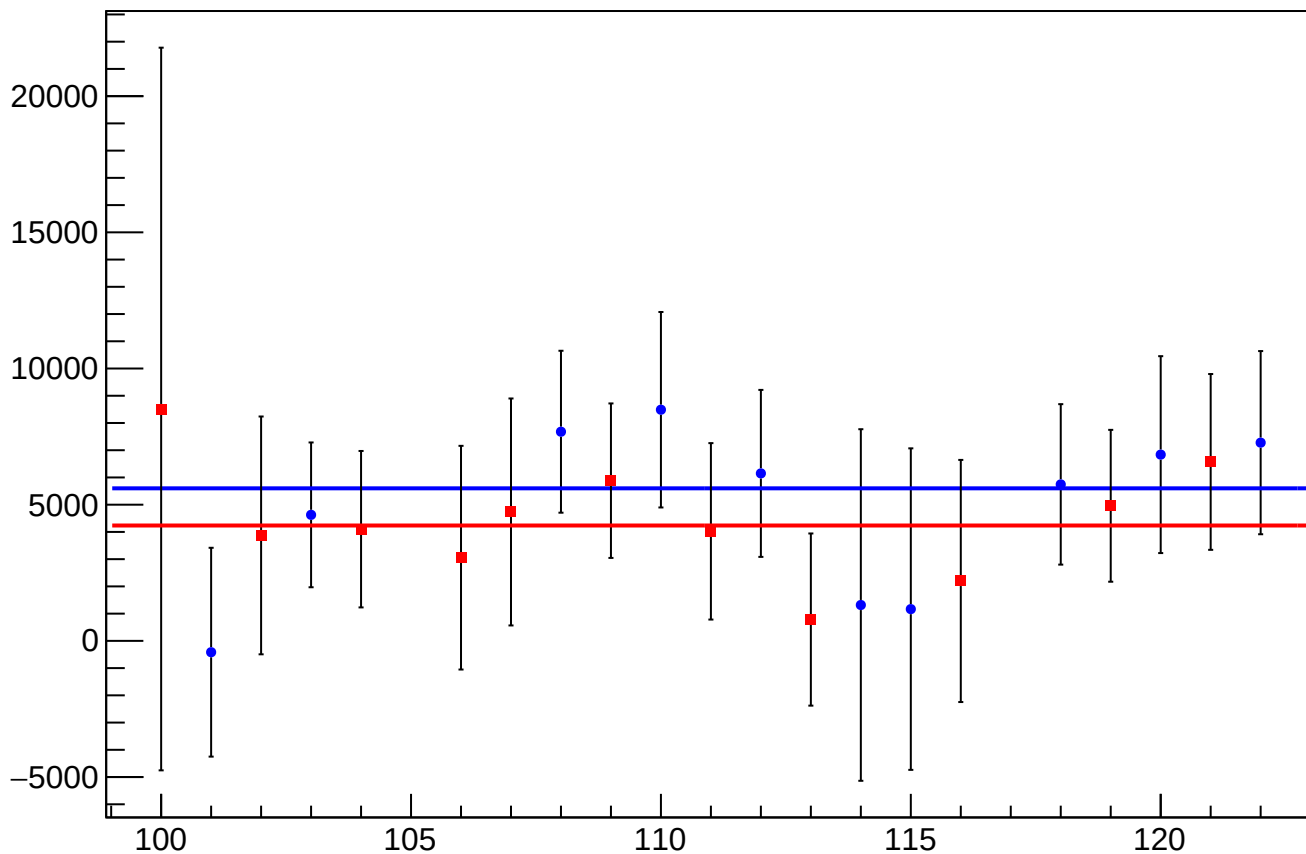
Right: 7786.197+/-1.913 χ^2/NDF : 491177.1/20

In: 7955.786+/-2.811 χ^2/NDF : 157367.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7786.197+/-1.913 χ^2/NDF : 491177.1/20

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5600.720+/-1091.266 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4235.770+/-1059.215 χ^2/NDF : 2.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

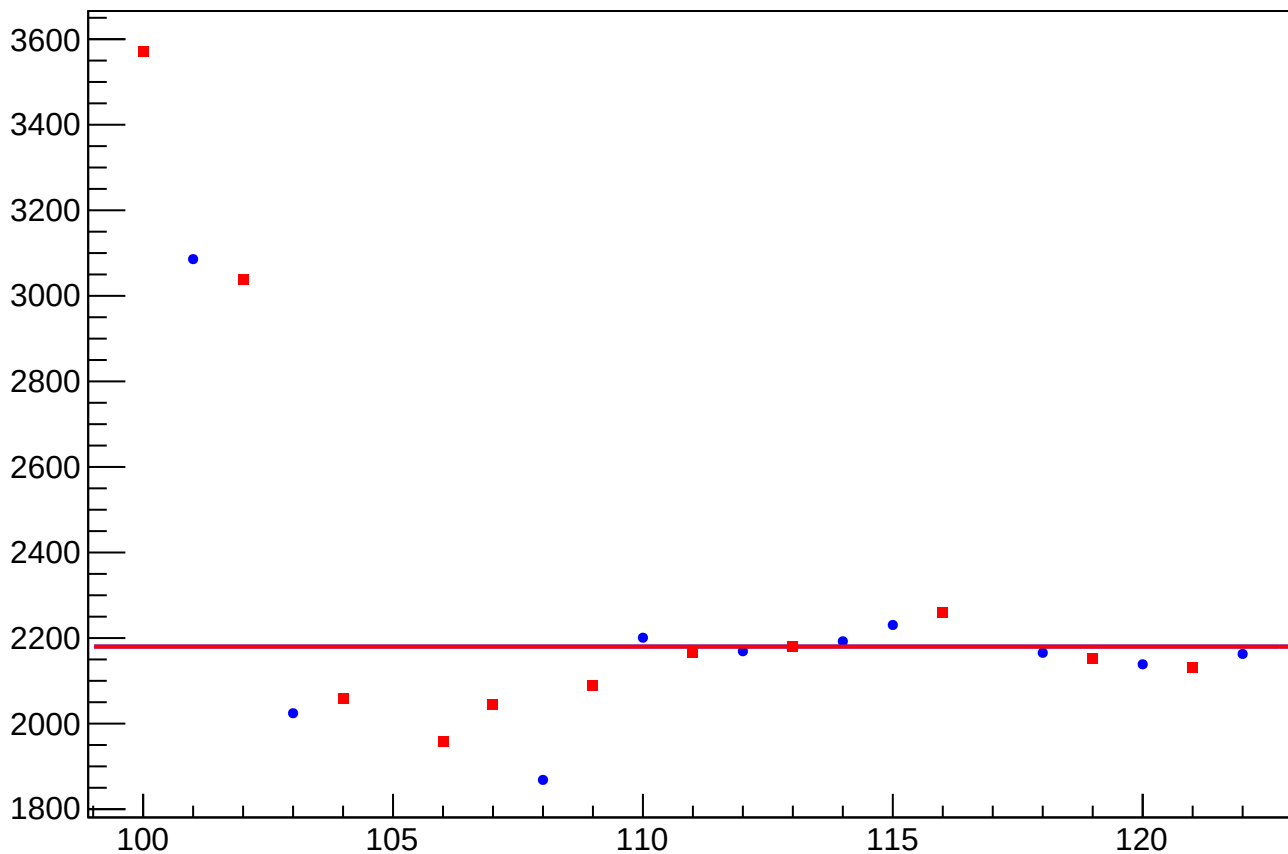
Right: 4897.906+/-760.057 χ^2/NDF : 8.5/20

In: 5600.720+/-1091.266 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4897.906+/-760.057 χ^2/NDF : 8.5/20

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2180.225+/-0.772 χ^2/NDF : 141097.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2179.990+/-0.748 χ^2/NDF : 114536.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

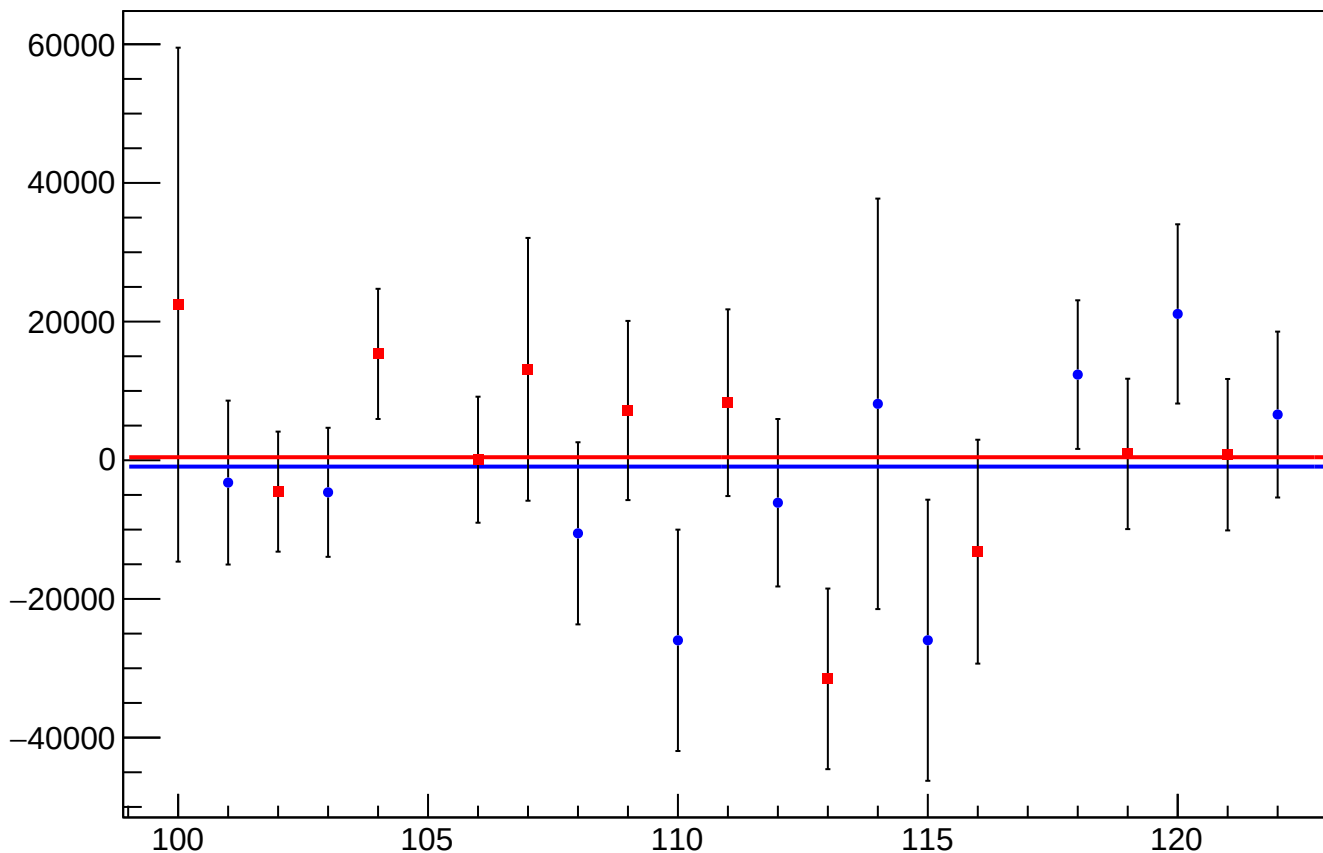
Right: 2180.104+/-0.537 χ^2/NDF : 255633.7/20

In: 2180.225+/-0.772 χ^2/NDF : 141097.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.104+/-0.537 χ^2/NDF : 255633.7/20

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -914.313+/-4064.540 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.648+/-3570.670 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

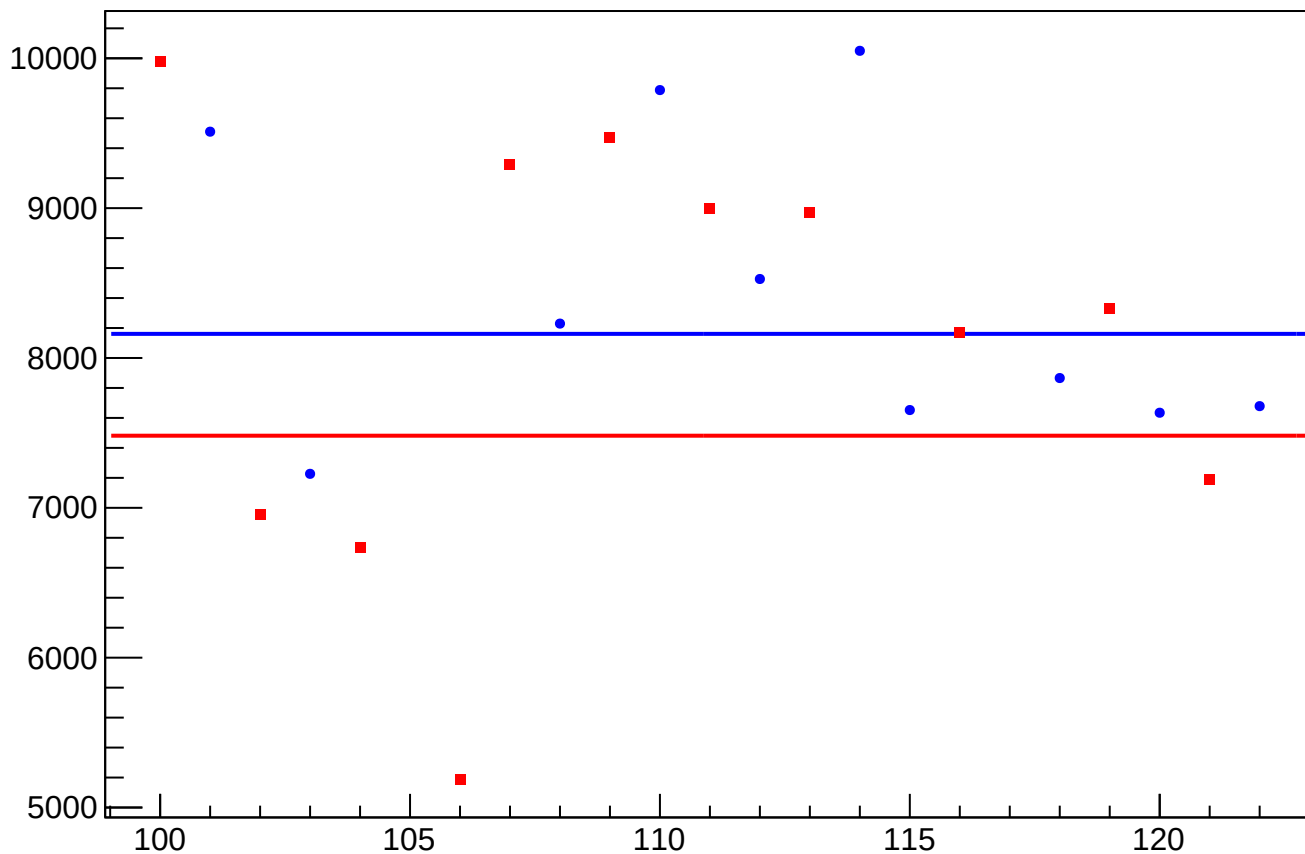
Right: -150.119+/-2682.554 χ^2/NDF : 20.9/20

In: -914.313+/-4064.540 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -150.119+/-2682.554 χ^2/NDF : 20.9/20

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8160.943+/-2.874 χ^2/NDF : 86356.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7481.351+/-2.525 χ^2/NDF : 291182.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

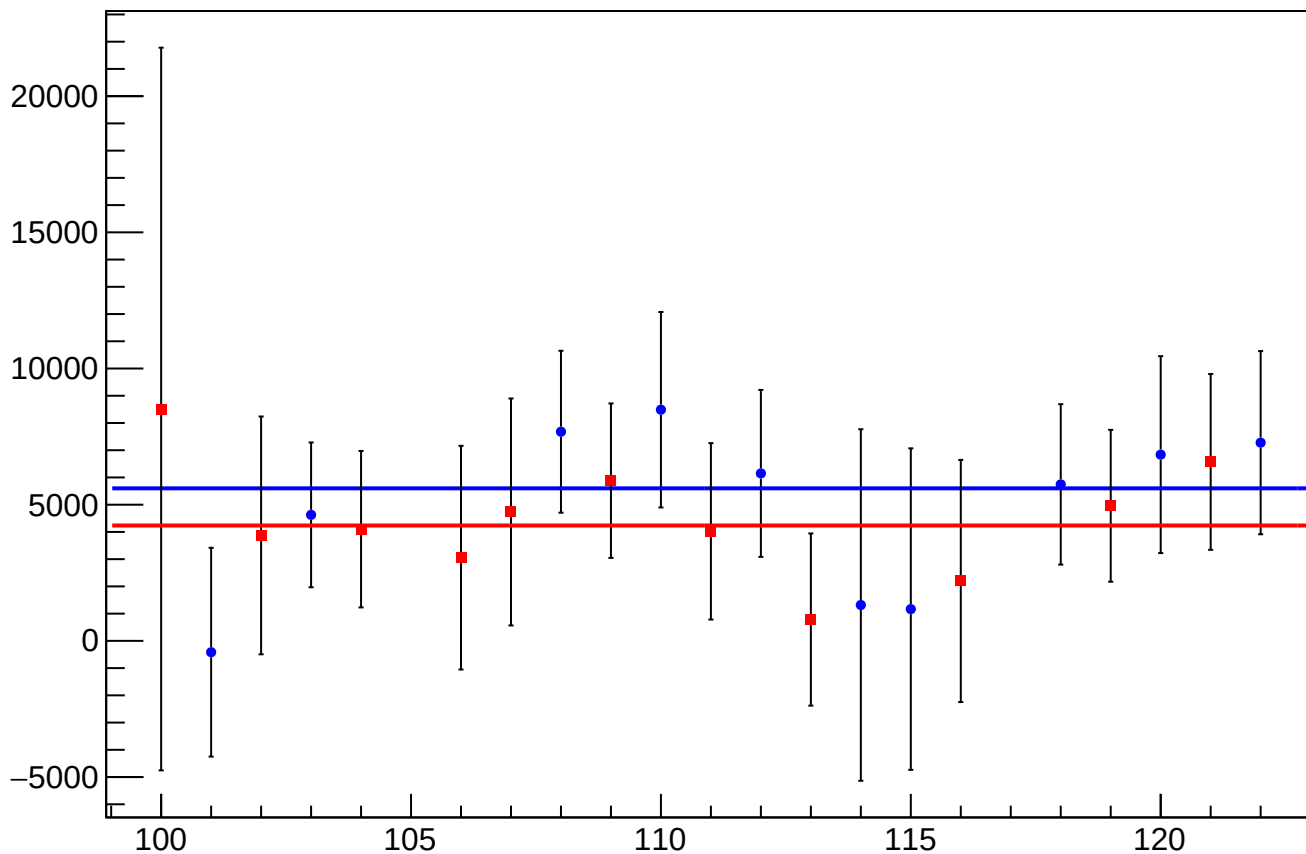
Right: 7777.372+/-1.897 χ^2/NDF : 409096.6/20

In: 8160.943+/-2.874 χ^2/NDF : 86356.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7777.372+/-1.897 χ^2/NDF : 409096.6/20

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5600.711+/-1091.266 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4235.780+/-1059.214 χ^2/NDF : 2.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

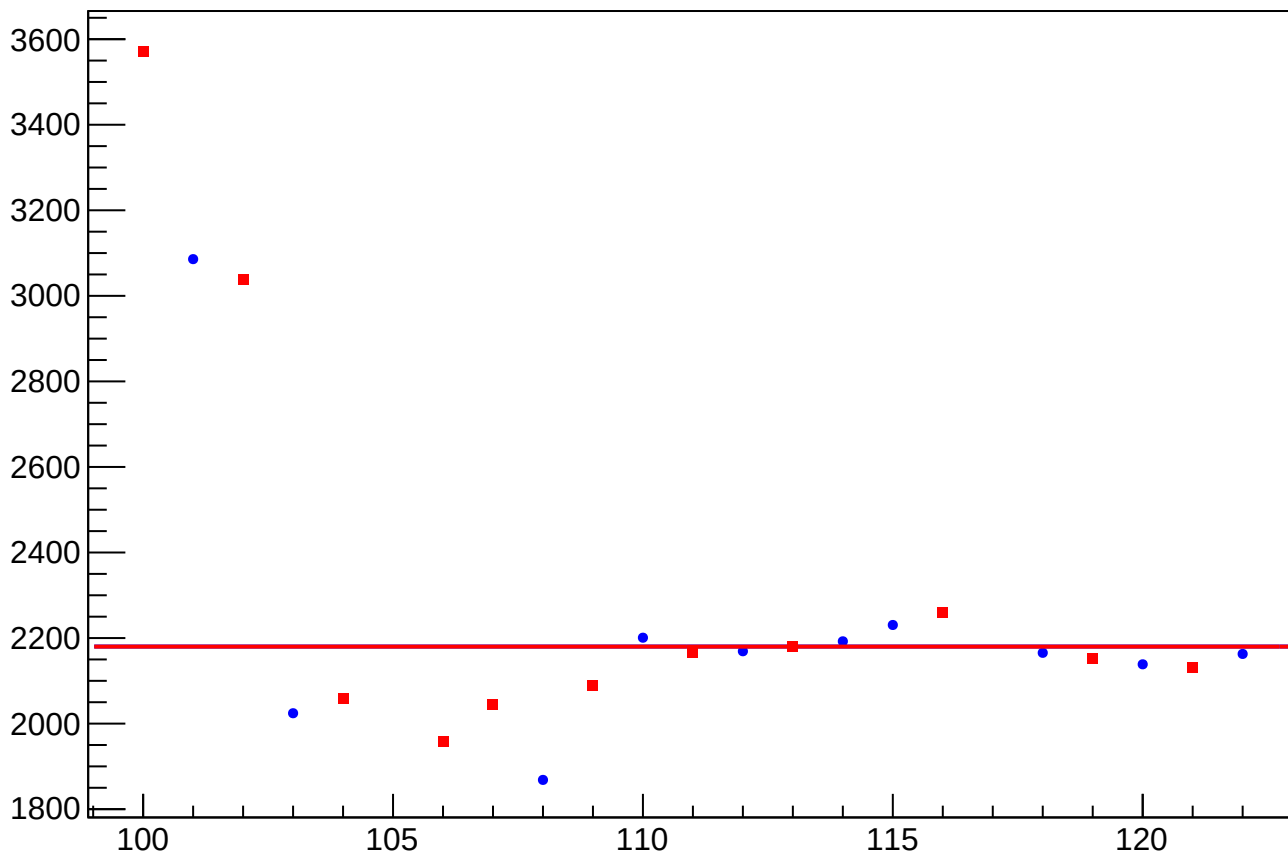
Right: 4897.906+/-760.056 χ^2/NDF : 8.5/20

In: 5600.711+/-1091.266 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4897.906+/-760.056 χ^2/NDF : 8.5/20

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2180.224+/-0.772 χ^2/NDF : 141097.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2179.989+/-0.748 χ^2/NDF : 114536.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

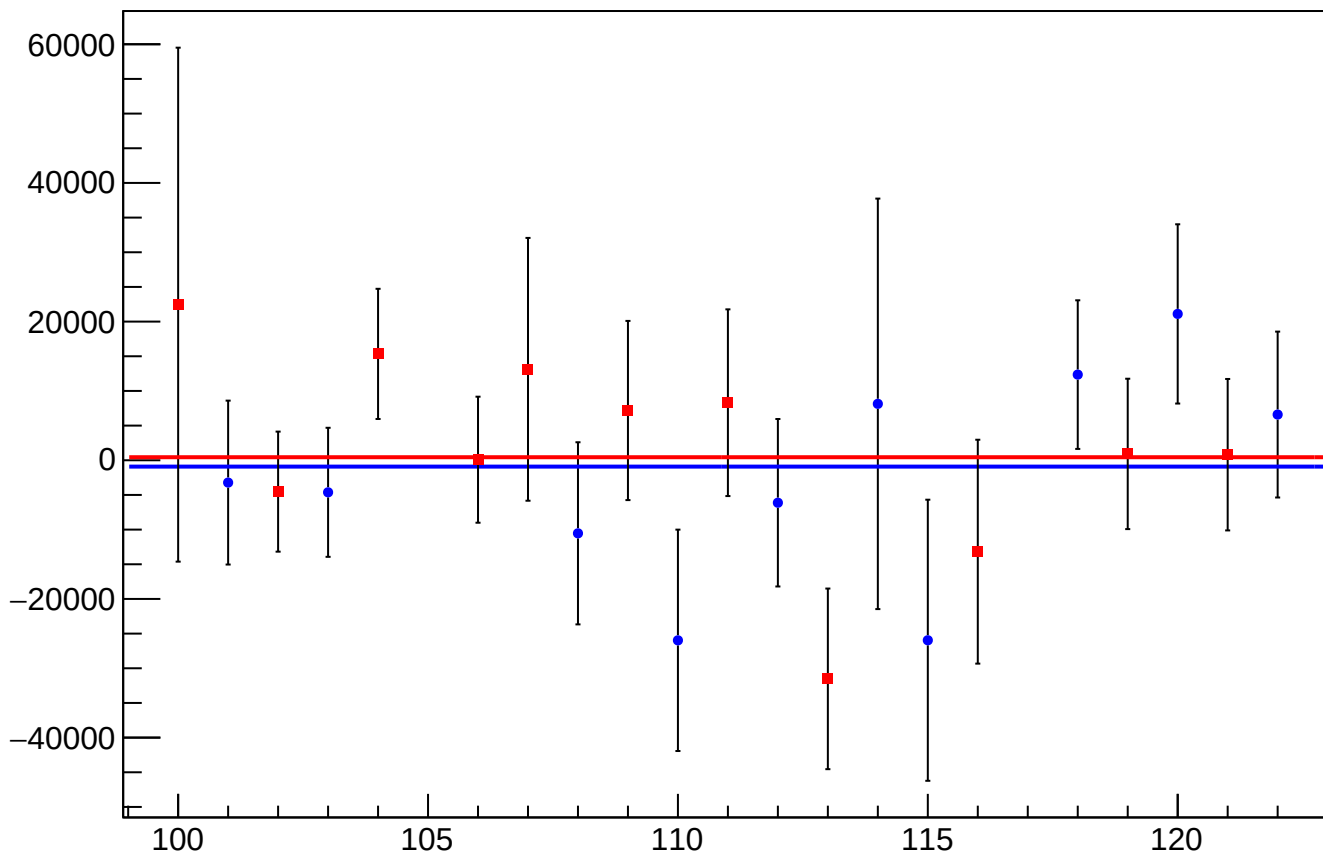
Right: 2180.103+/-0.537 χ^2/NDF : 255633.5/20

In: 2180.224+/-0.772 χ^2/NDF : 141097.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.103+/-0.537 χ^2/NDF : 255633.5/20

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -914.295+/-4064.529 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.652+/-3570.662 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

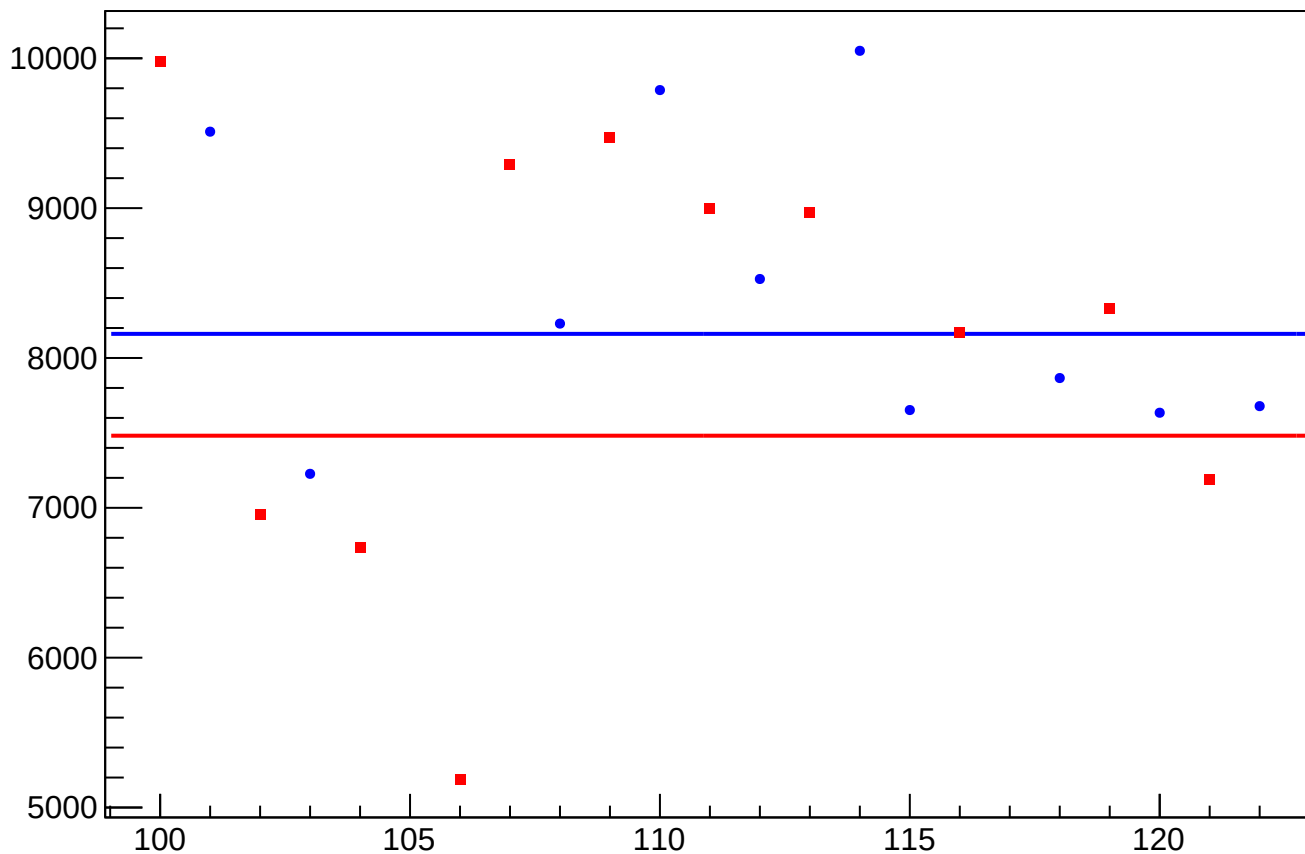
Right: -150.109+/-2682.548 χ^2/NDF : 20.9/20

In: -914.295+/-4064.529 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -150.109+/-2682.548 χ^2/NDF : 20.9/20

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8160.919+/-2.874 χ^2/NDF : 86357.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7481.334+/-2.525 χ^2/NDF : 291180.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

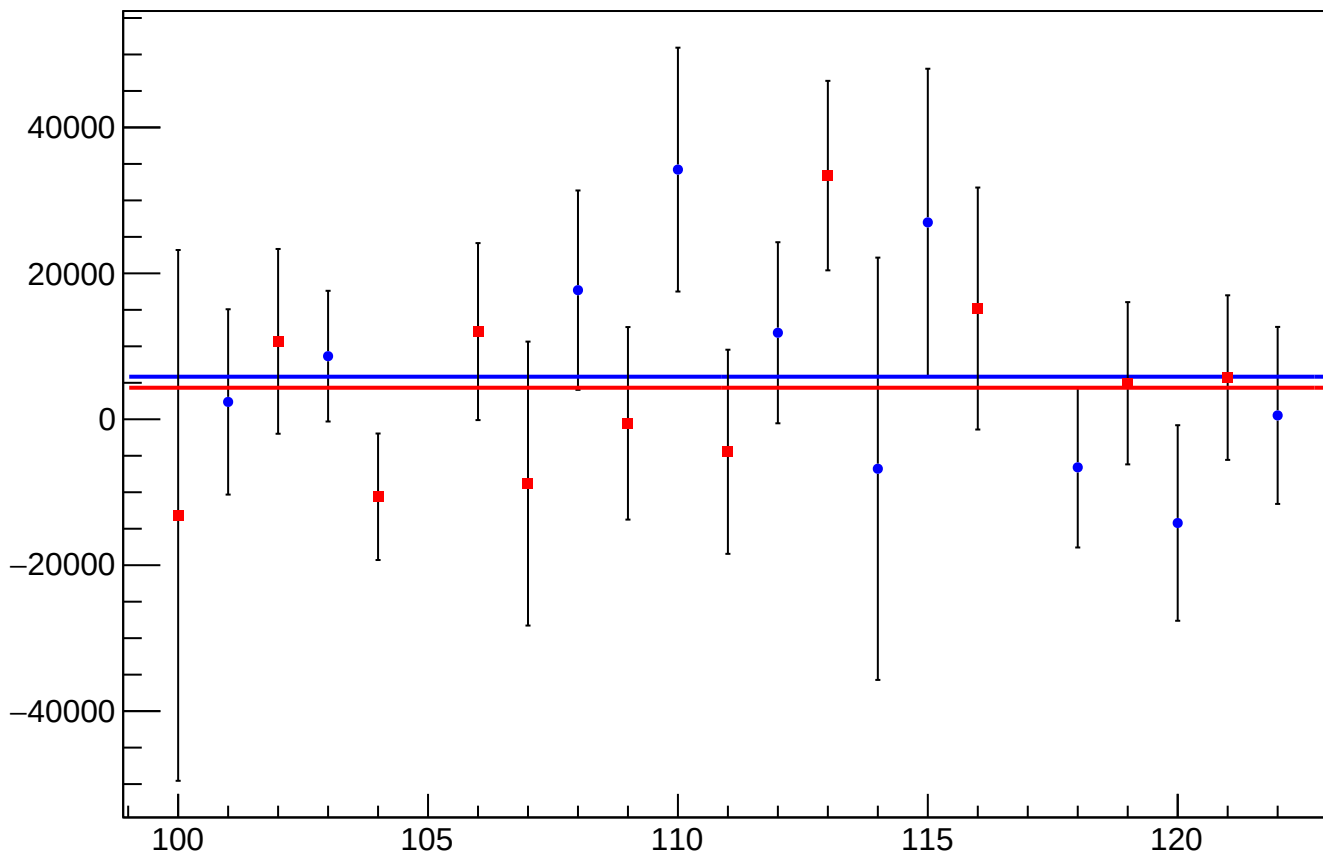
Right: 7777.352+/-1.897 χ^2/NDF : 409094.9/20

In: 8160.919+/-2.874 χ^2/NDF : 86357.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7777.352+/-1.897 χ^2/NDF : 409094.9/20

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5835.854+/-4145.344 χ^2/NDF : 9.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4324.995+/-3889.430 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

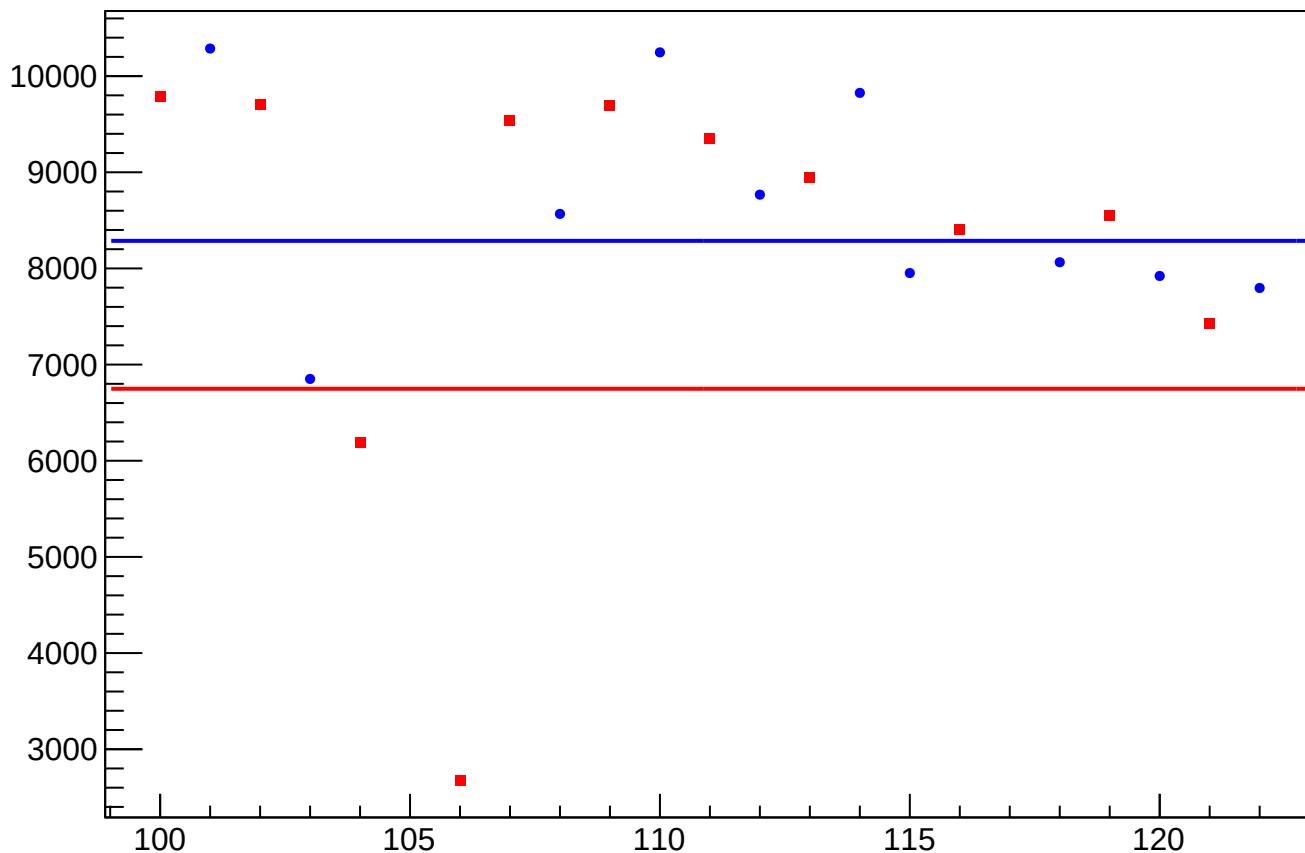
Right: 5032.352+/-2836.401 χ^2/NDF : 19.3/20

In: 5835.854+/-4145.344 χ^2/NDF :9.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5032.352+/-2836.401 χ^2/NDF : 19.3/20

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8286.967+/-2.931 χ^2/NDF : 144102.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6748.547+/-2.479 χ^2/NDF : 1210850.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

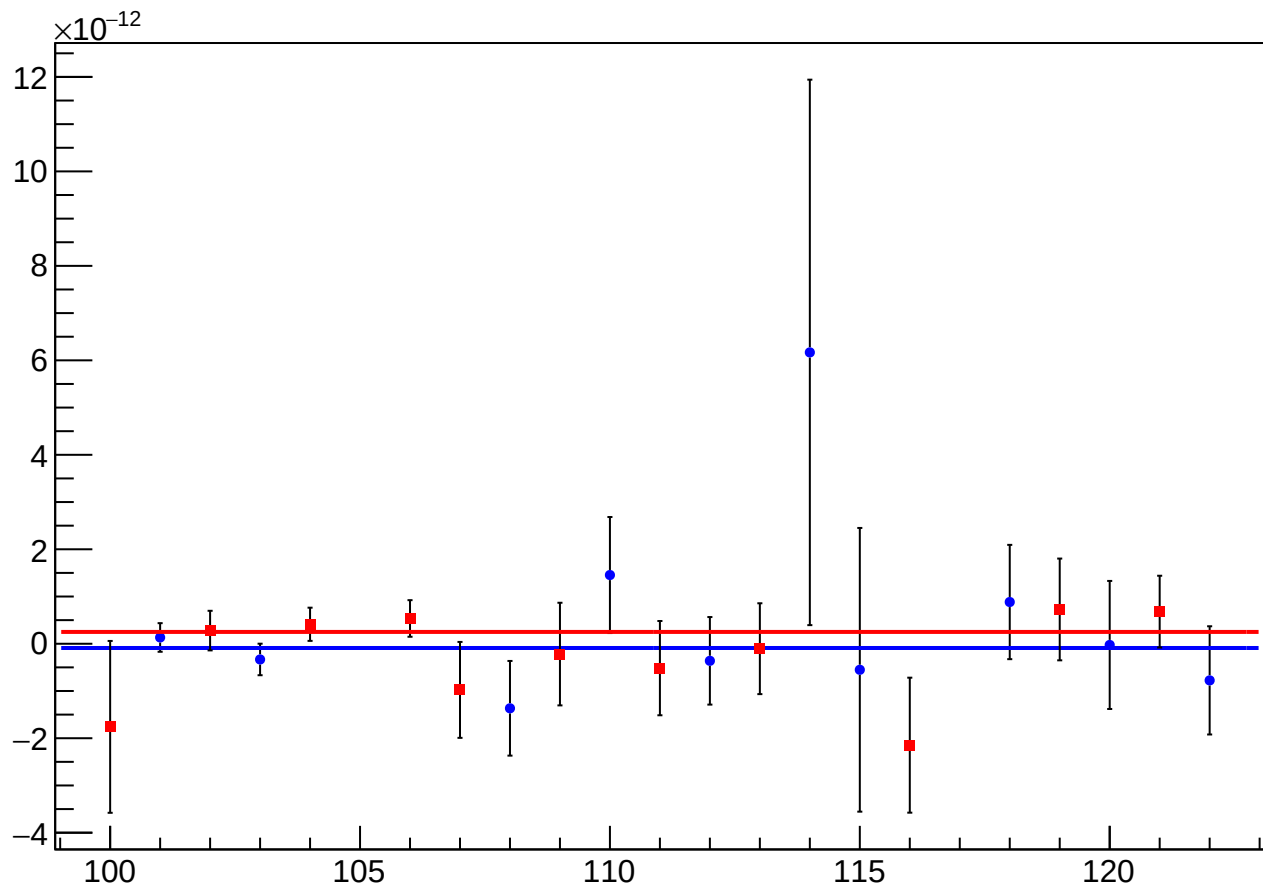
Right: 7389.994+/-1.893 χ^2/NDF : 1515565.3/20

In: 8286.967+/-2.931 χ^2/NDF : 144102.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7389.994+/-1.893 χ^2/NDF : 1515565.3/20

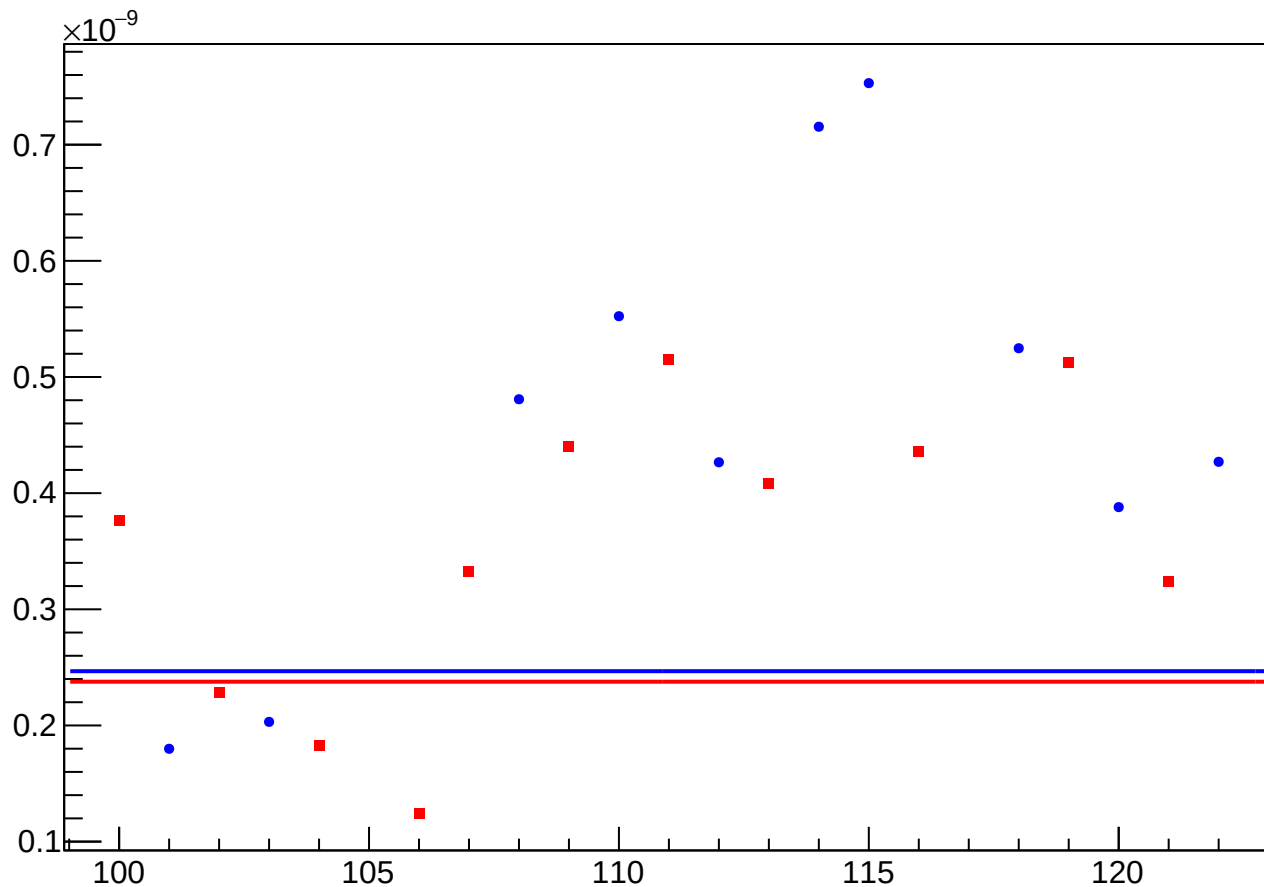
asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 7.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 15.8/20
 In: -0.000+/-0.000 χ^2/NDF : 6.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 15.8/20

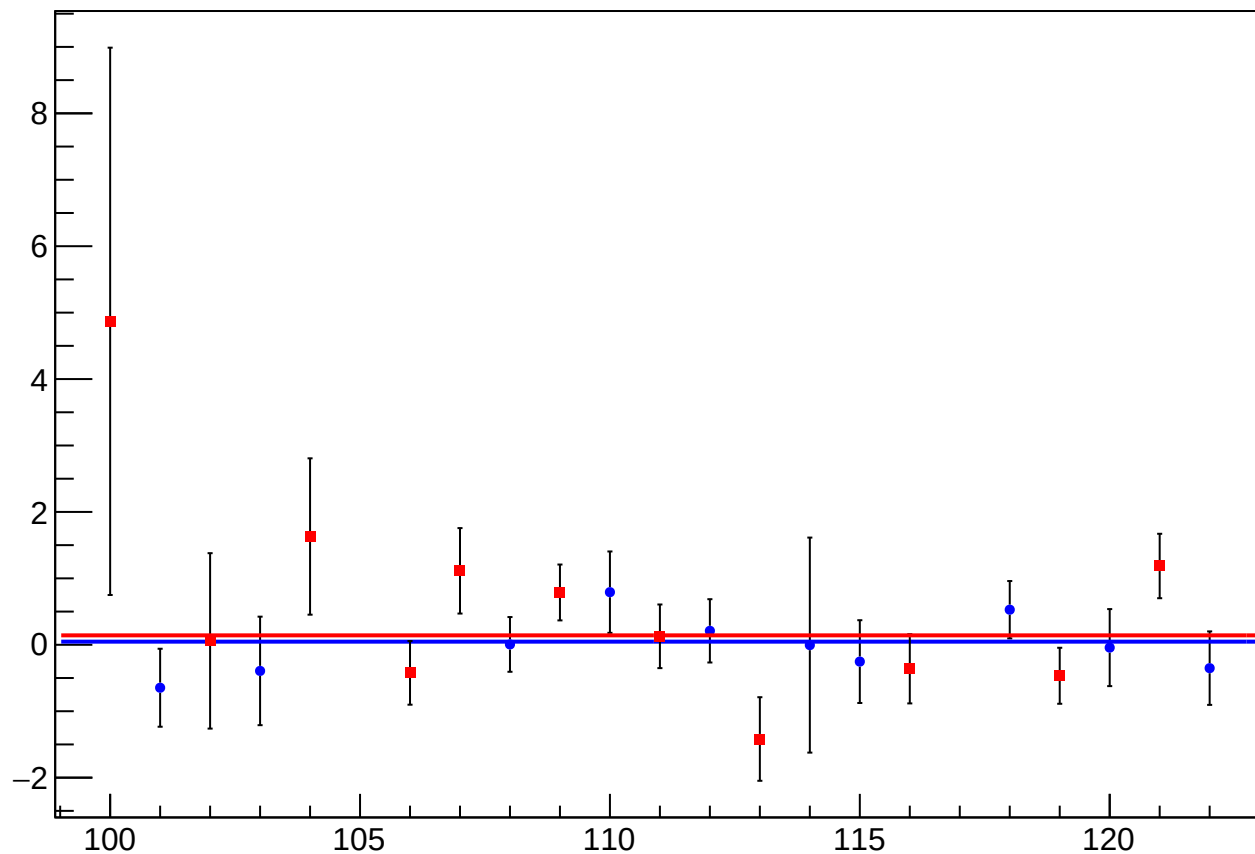
asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 686652.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 731715.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1420513.8/20
 In: 0.000+/-0.000 χ^2/NDF : 686652.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1420513.8/20

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.177 χ^2/NDF : 5.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.142+/-0.171 χ^2/NDF : 22.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

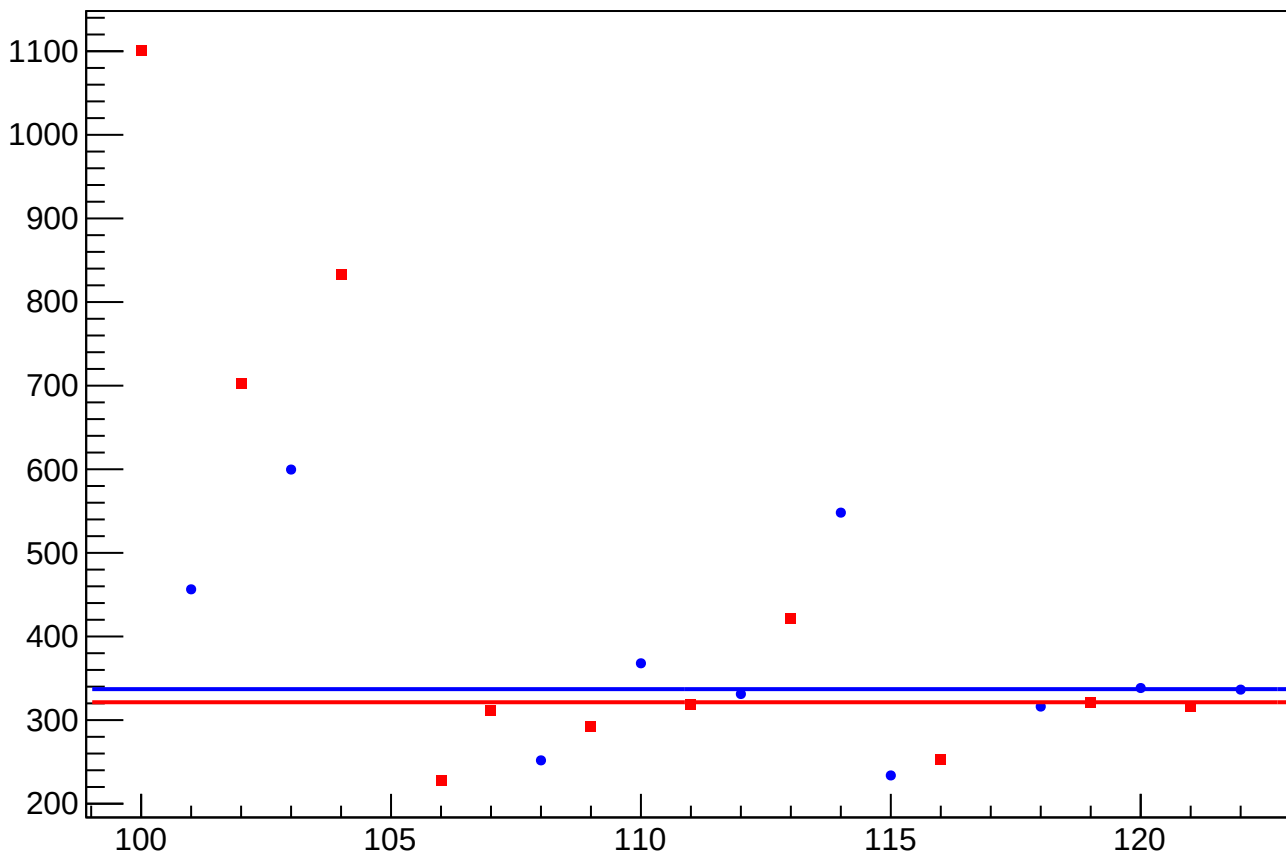
Right: 0.096+/-0.123 χ^2/NDF : 28.2/20

In: 0.047+/-0.177 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.096+/-0.123 χ^2/NDF : 28.2/20

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.028+/-0.125 χ^2/NDF : 474075.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.347+/-0.121 χ^2/NDF : 788592.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

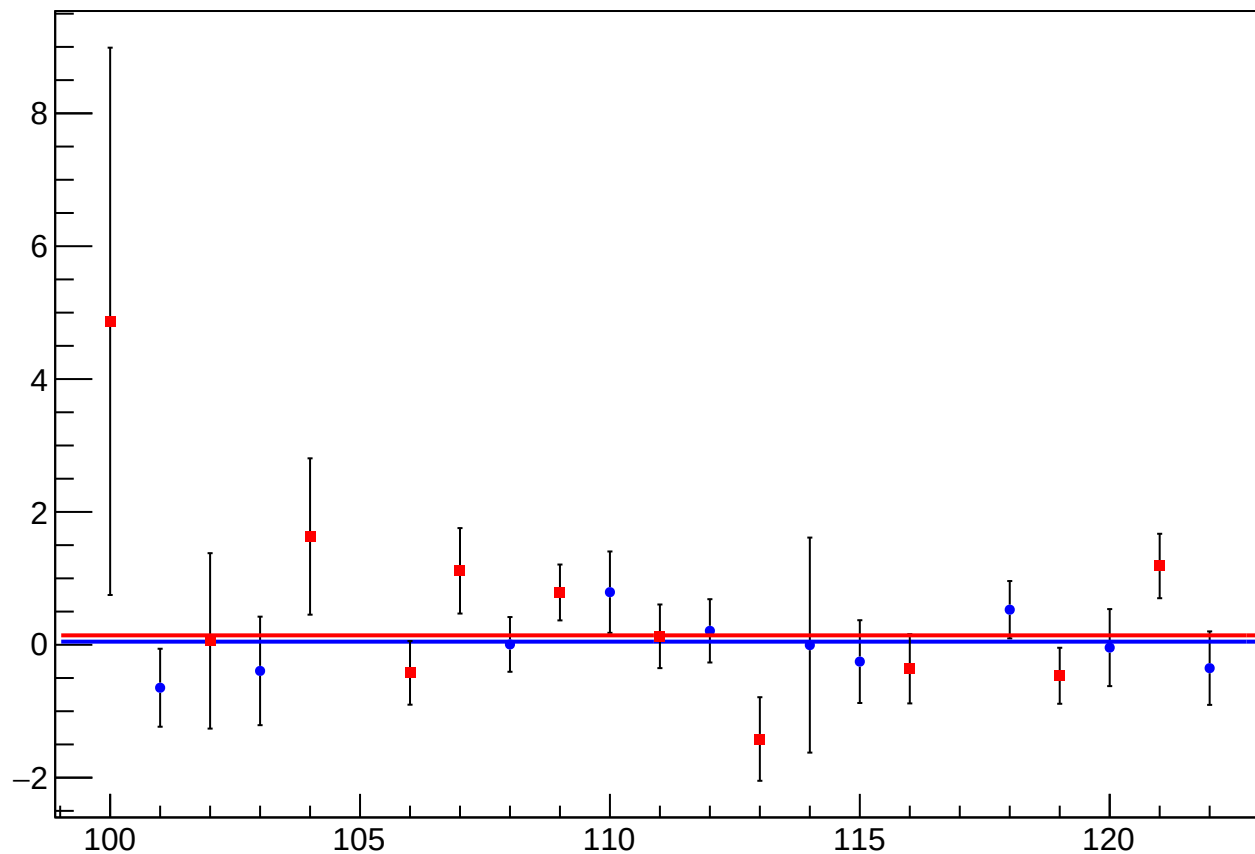
Right: 328.914+/-0.087 χ^2/NDF : 1270792.8/20

In: 337.028+/-0.125 χ^2/NDF : 474075.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.914+/-0.087 χ^2/NDF : 1270792.8/20

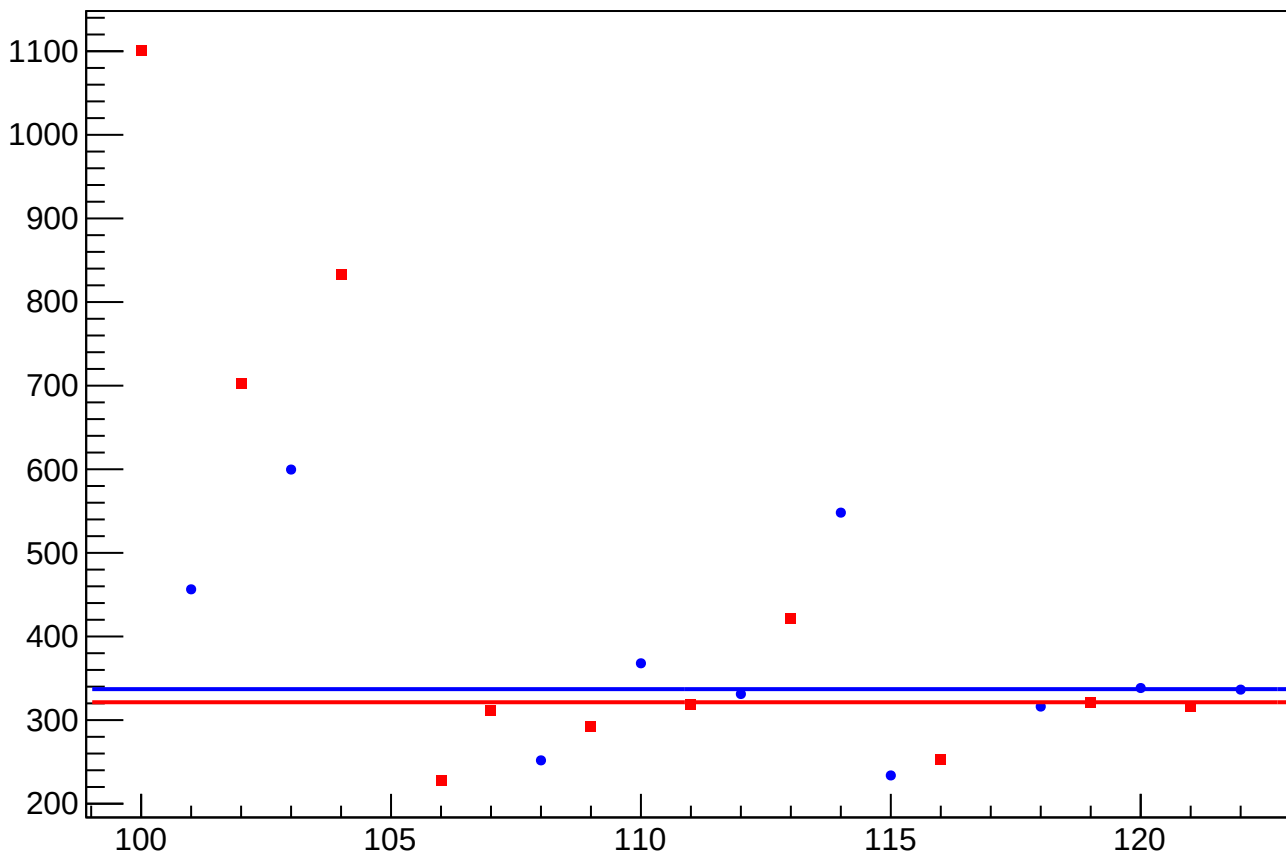
asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.177 χ^2/NDF : 5.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.142+/-0.171 χ^2/NDF : 22.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.096+/-0.123 χ^2/NDF : 28.2/20
 In: 0.047+/-0.177 χ^2/NDF : 5.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.096+/-0.123 χ^2/NDF : 28.2/20

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.028+/-0.125 χ^2/NDF : 474075.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.347+/-0.121 χ^2/NDF : 788592.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

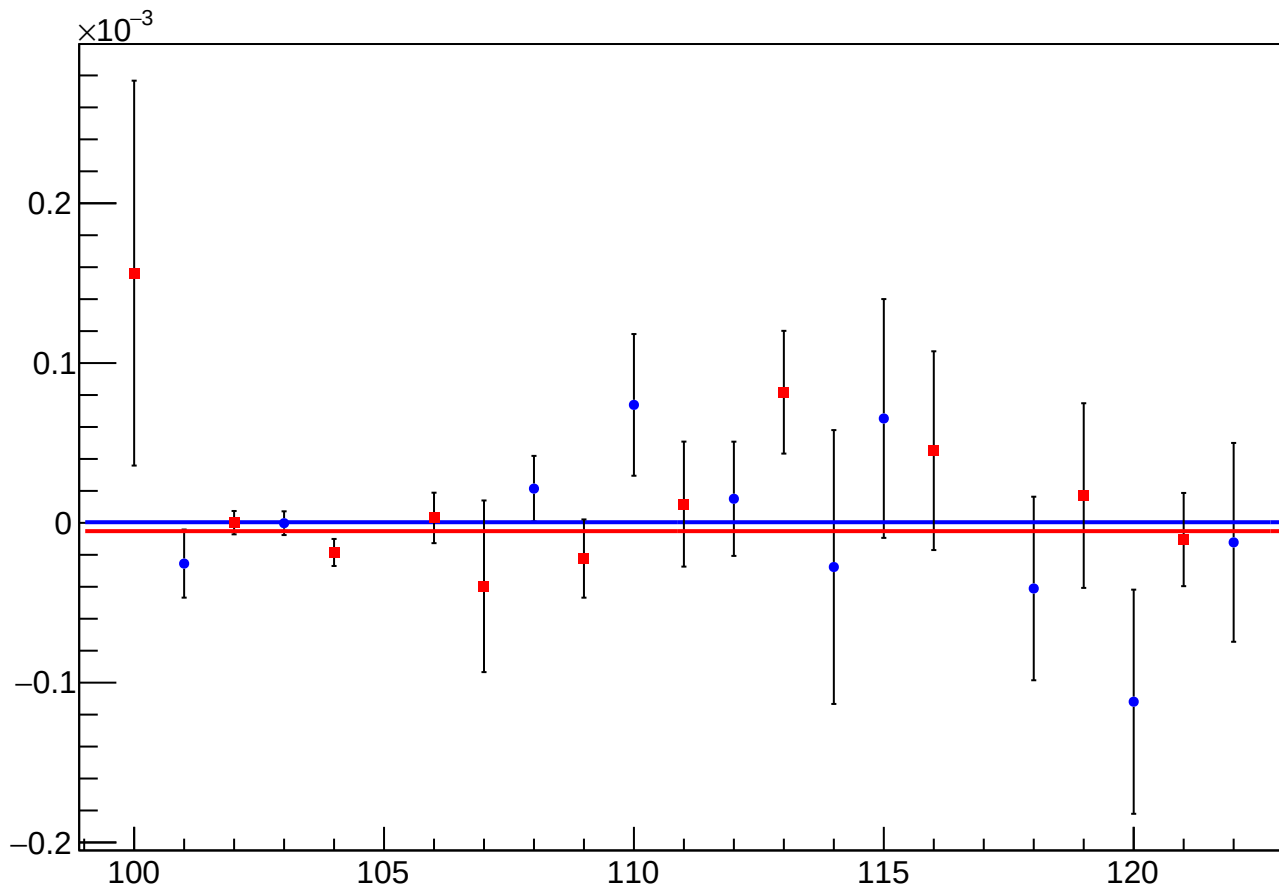
Right: 328.914+/-0.087 χ^2/NDF : 1270792.8/20

In: 337.028+/-0.125 χ^2/NDF : 474075.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.914+/-0.087 χ^2/NDF : 1270792.8/20

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: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

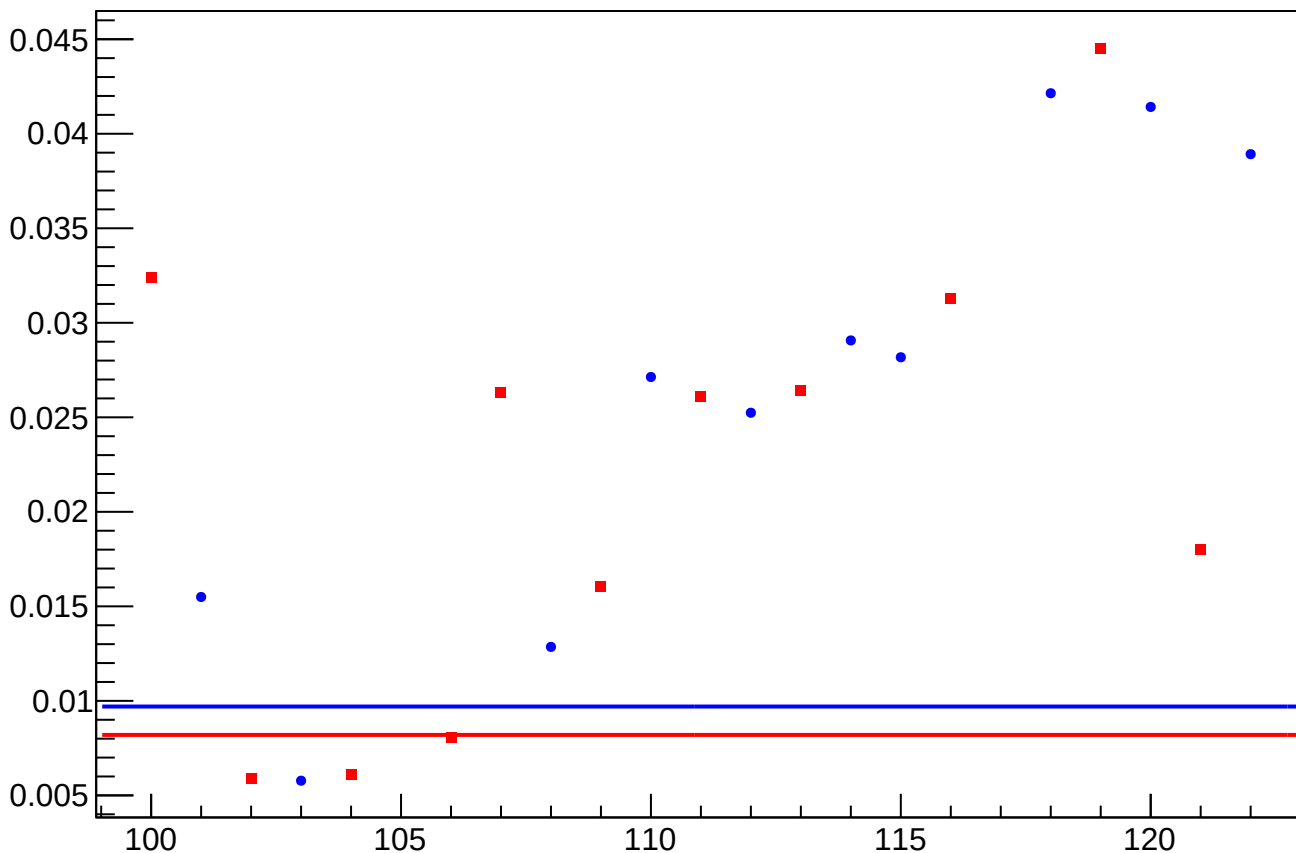
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.1/20

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.1/20

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 : 3153341.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 3003231.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

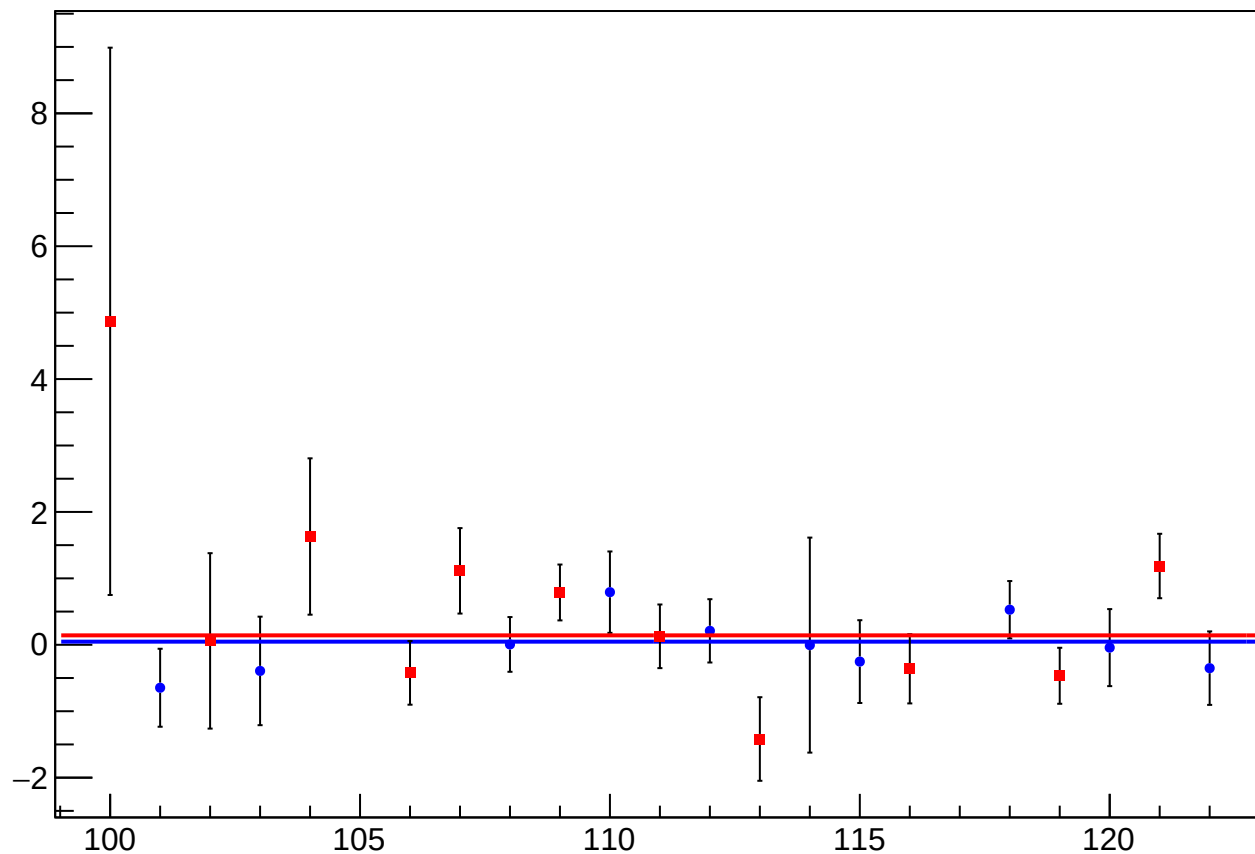
Right: 0.009+/-0.000 χ^2/NDF : 6227285.6/20

In: 0.010+/-0.000 χ^2/NDF :3153341.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 6227285.6/20

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.177 χ^2/NDF : 5.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.142+/-0.171 χ^2/NDF : 22.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

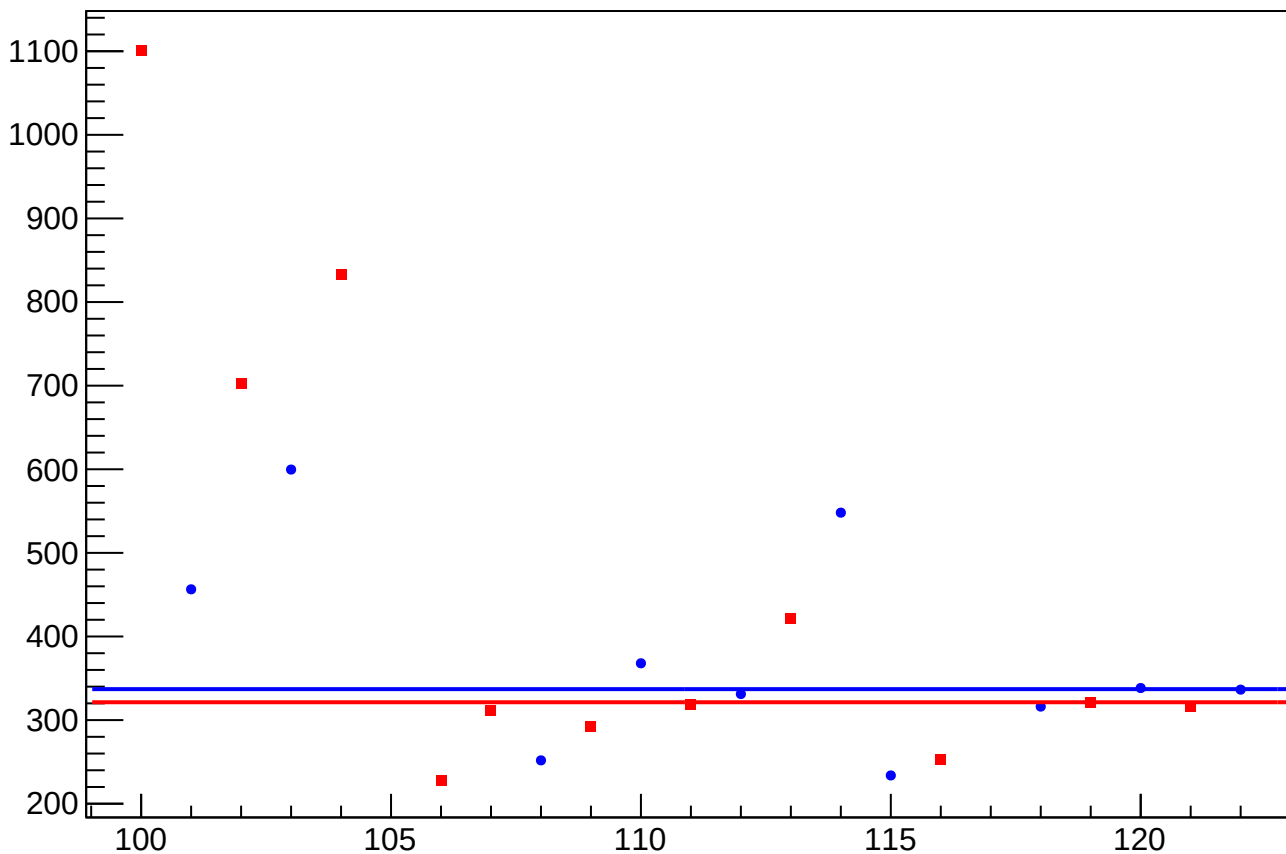
Right: 0.096+/-0.123 χ^2/NDF : 28.2/20

In: 0.047+/-0.177 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.096+/-0.123 χ^2/NDF : 28.2/20

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.028+/-0.125 χ^2/NDF : 474056.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.348+/-0.121 χ^2/NDF : 788574.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

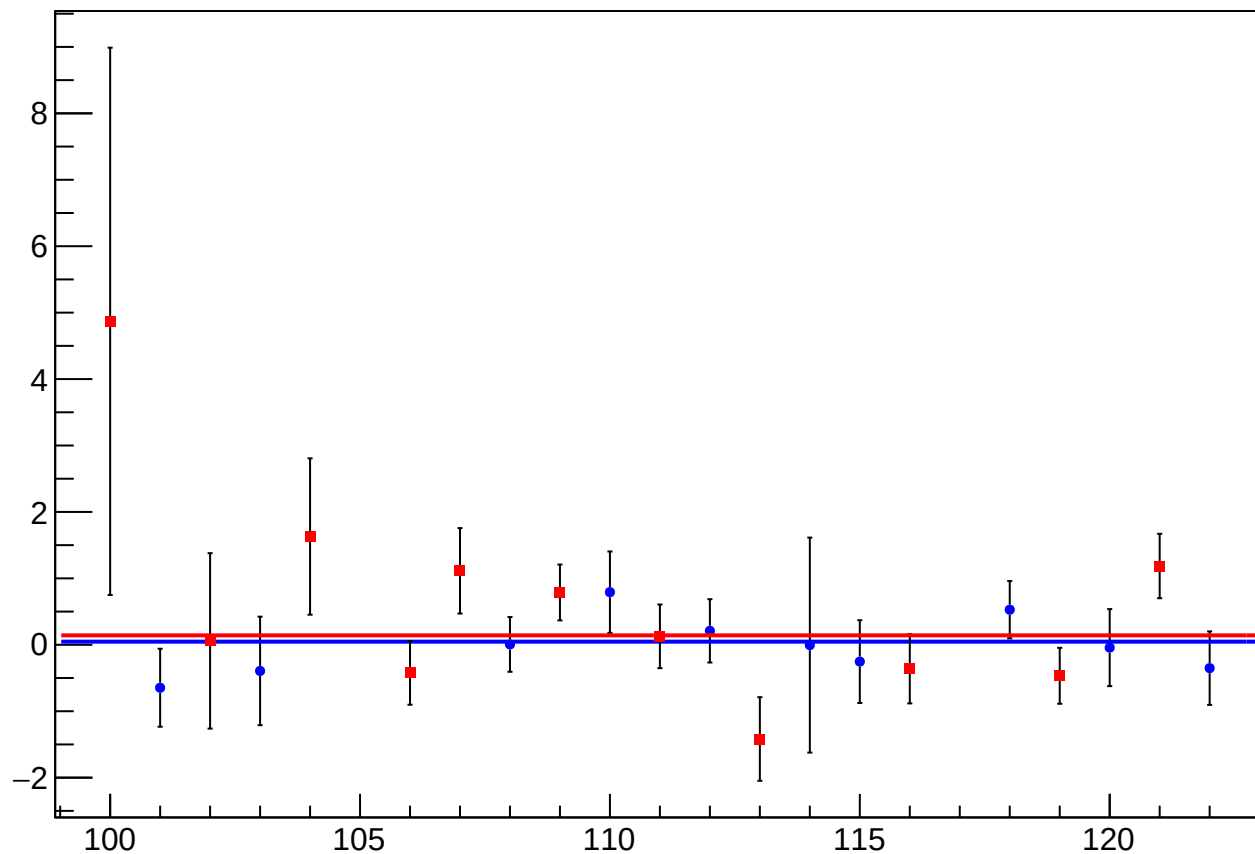
Right: 328.915+/-0.087 χ^2/NDF : 1270755.2/20

In: 337.028+/-0.125 χ^2/NDF : 474056.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.915+/-0.087 χ^2/NDF : 1270755.2/20

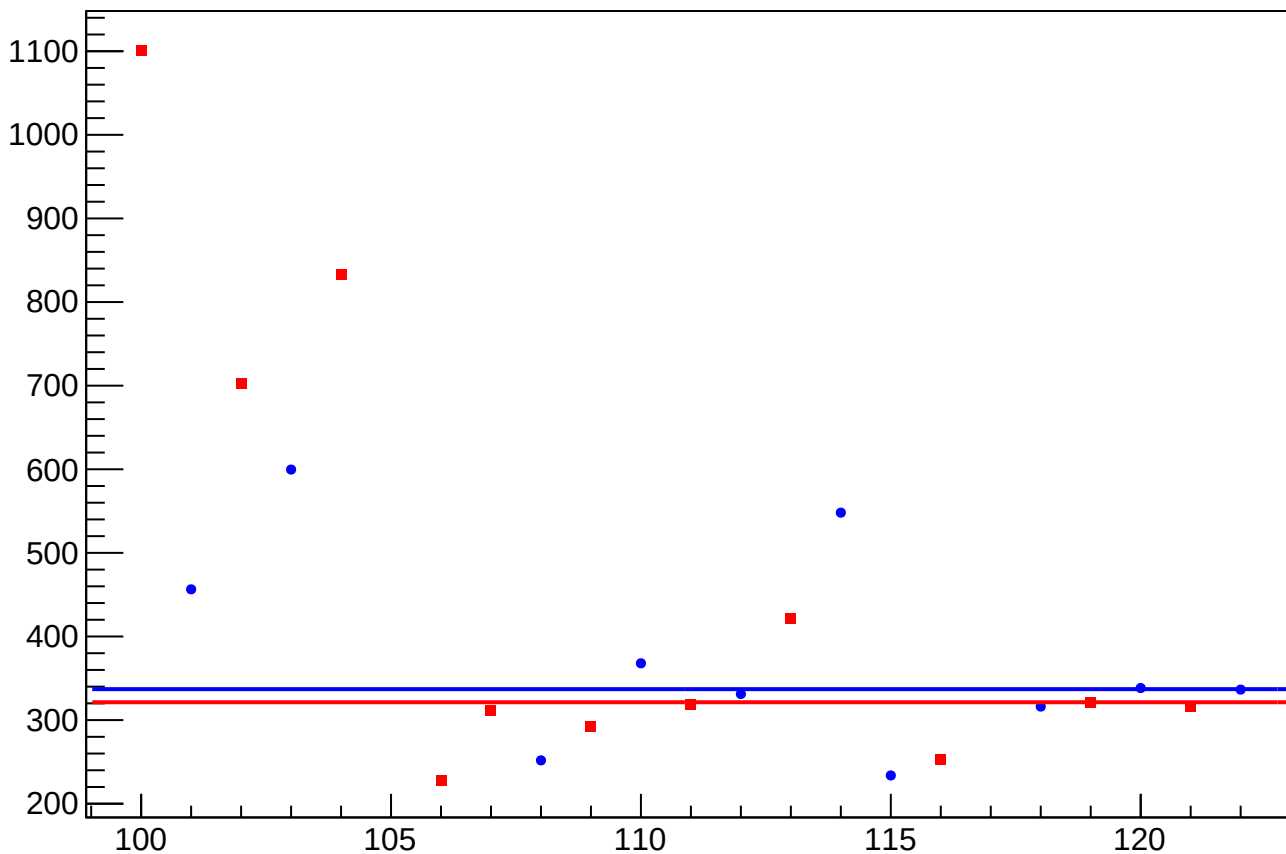
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.177 χ^2/NDF : 5.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.142+/-0.171 χ^2/NDF : 22.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.096+/-0.123 χ^2/NDF : 28.2/20
 In: 0.047+/-0.177 χ^2/NDF : 5.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.096+/-0.123 χ^2/NDF : 28.2/20

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

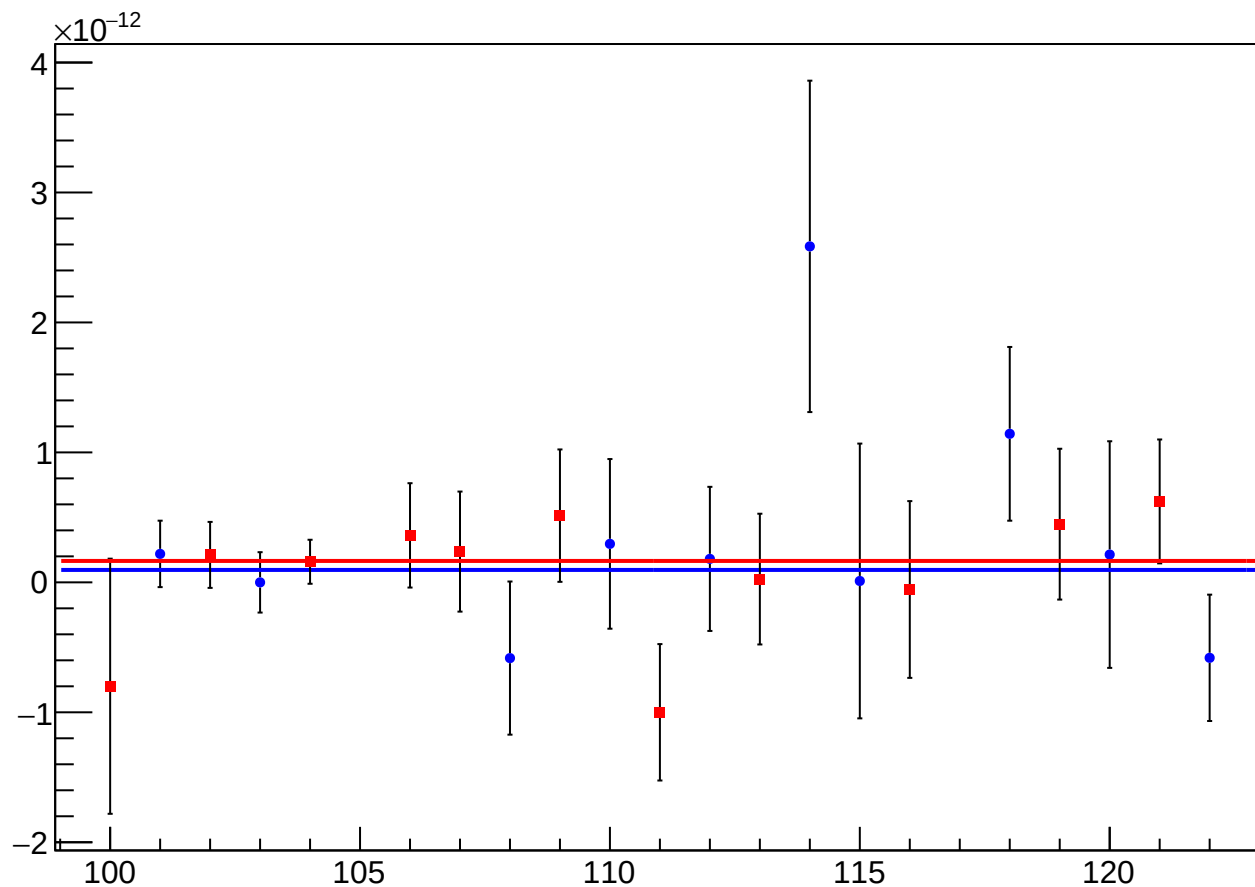
Right: 328.915+/-0.087 χ^2/NDF : 1270755.2/20

In: 337.028+/-0.125 χ^2/NDF : 474056.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.915+/-0.087 χ^2/NDF : 1270755.2/20

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 : 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

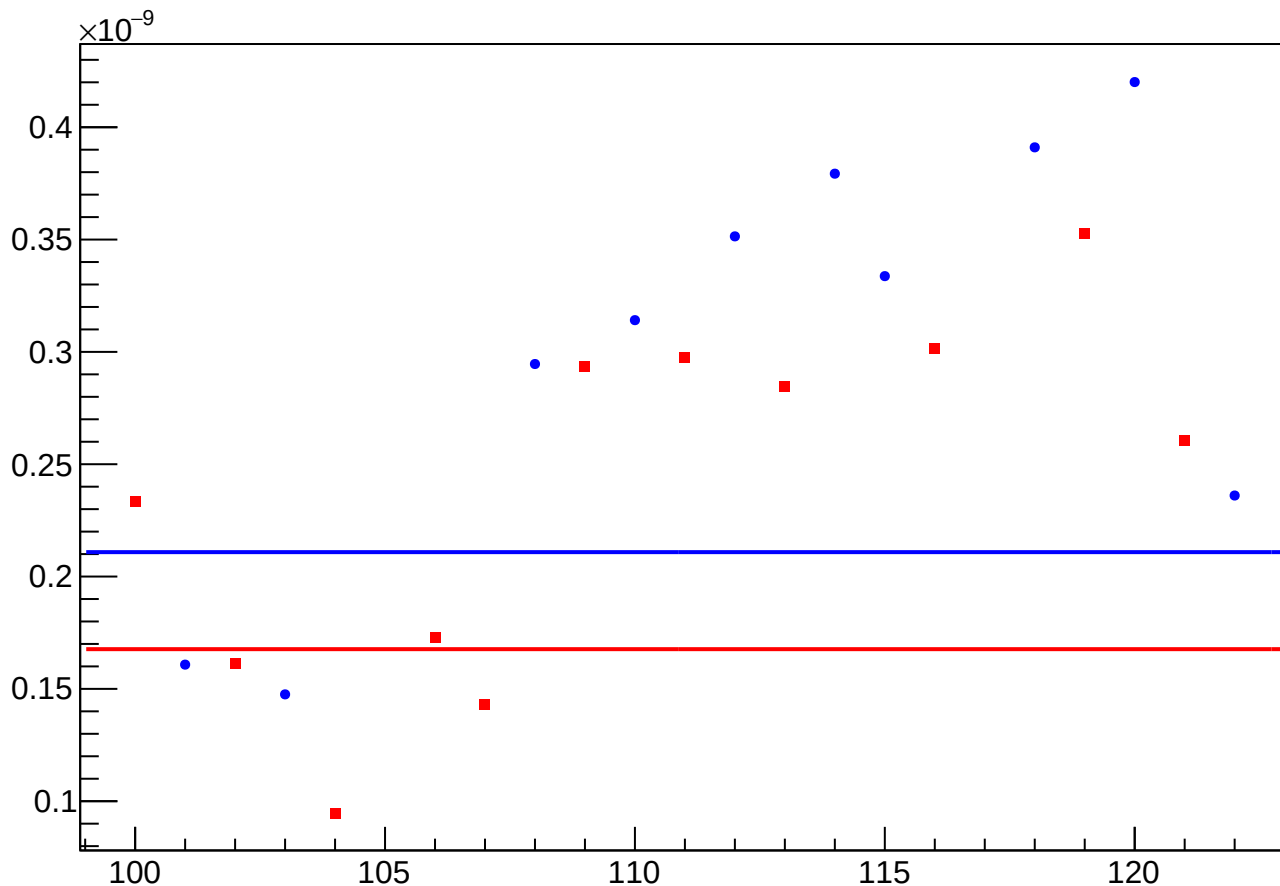
Right: 0.000+/-0.000 χ^2/NDF : 18.2/20

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 : 18.2/20

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 : 772043.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1098995.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

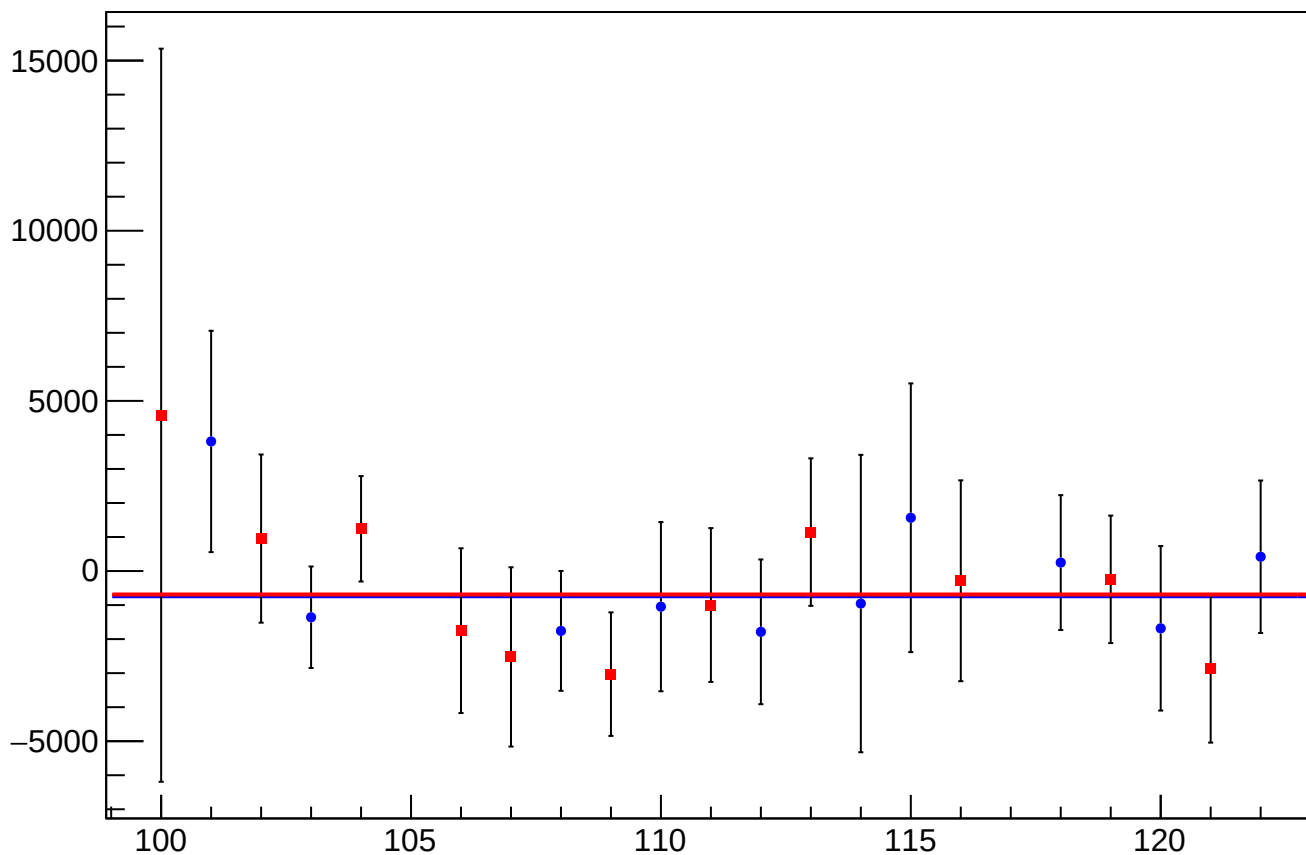
Right: 0.000+/-0.000 χ^2/NDF : 1989898.0/20

In: 0.000+/-0.000 χ^2/NDF : 772043.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1989898.0/20

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -739.823+/-708.666 χ^2/NDF : 3.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -688.989+/-669.767 χ^2/NDF : 6.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

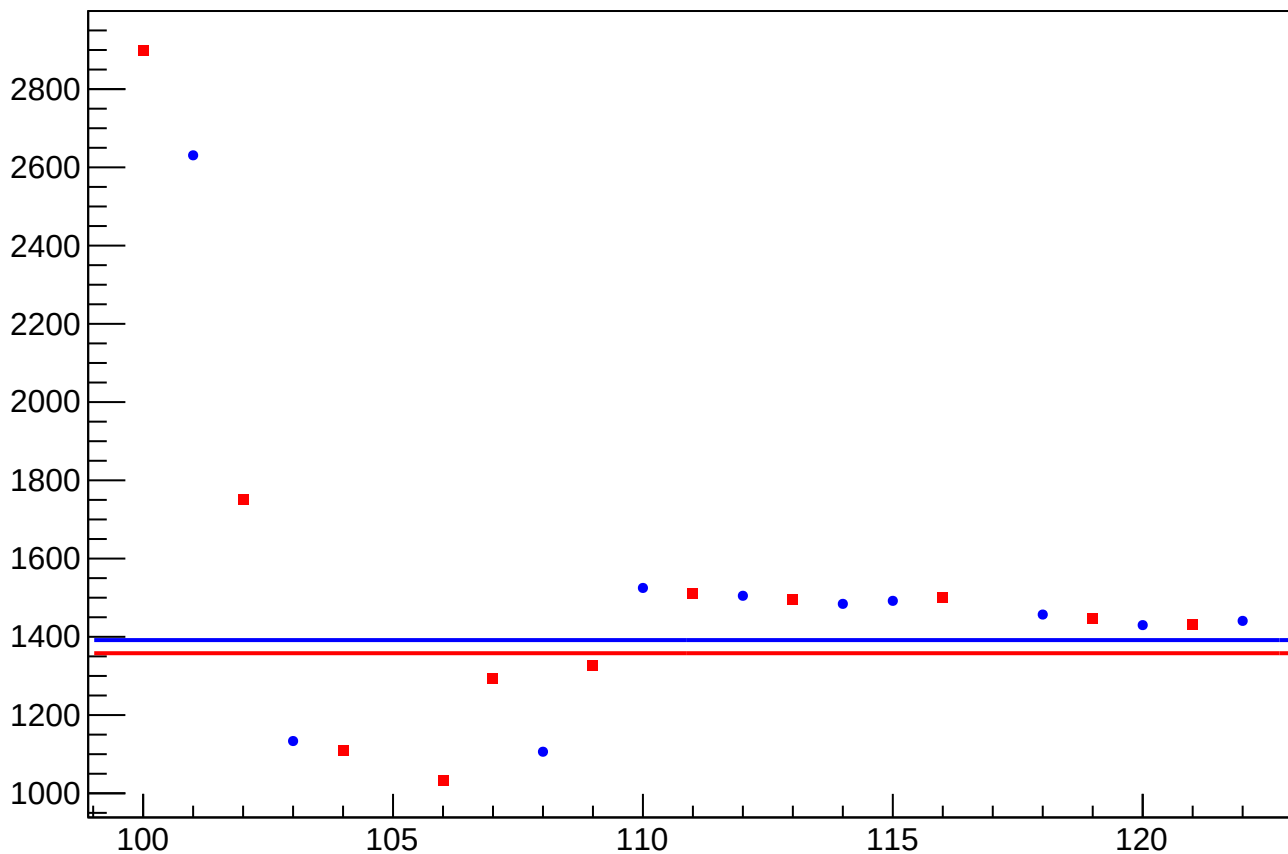
Right: -712.973+/-486.768 χ^2/NDF : 10.1/20

In: -739.823+/-708.666 χ^2/NDF : 3.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -712.973+/-486.768 χ^2/NDF : 10.1/20

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1391.619+/-0.501 χ^2/NDF : 419988.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.088+/-0.468 χ^2/NDF : 219559.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

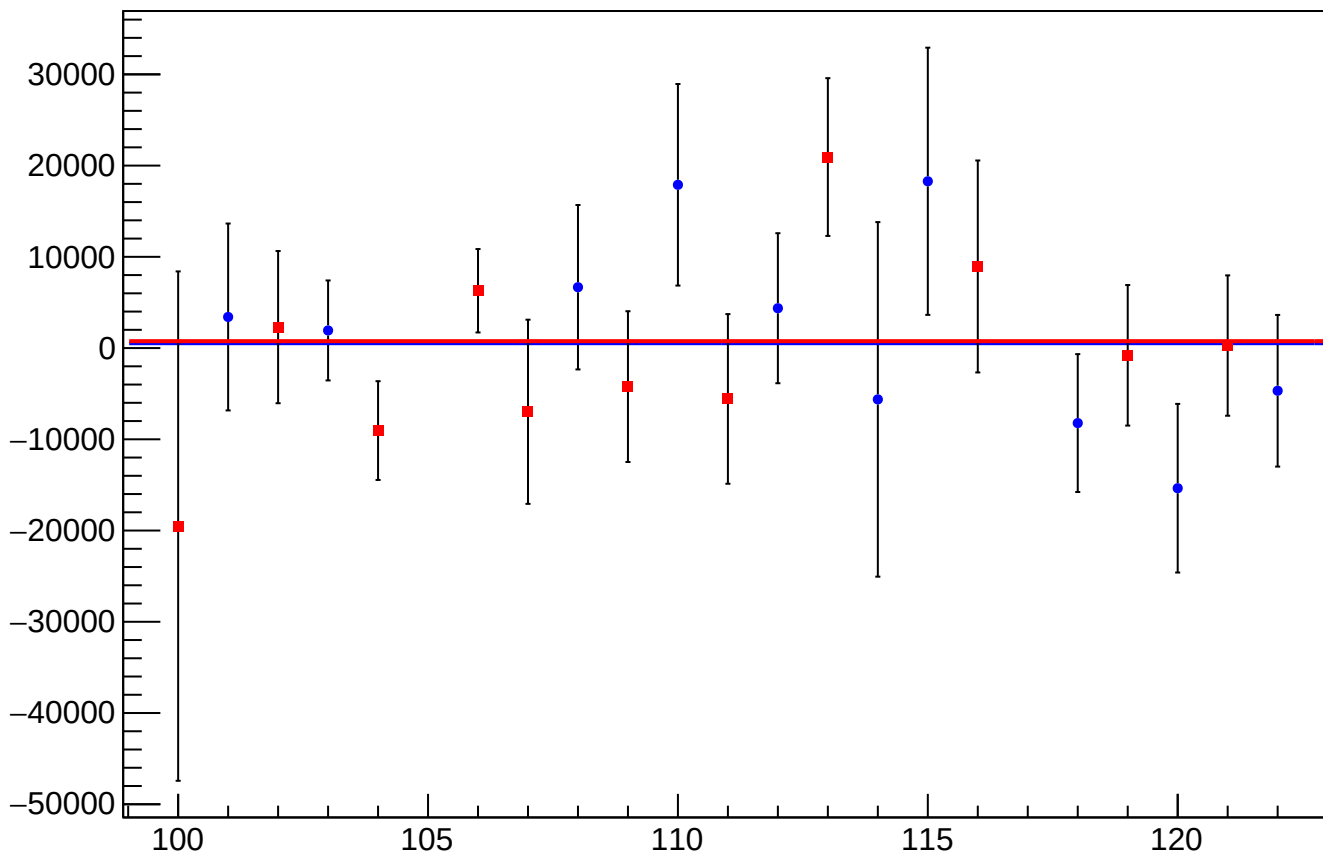
Right: 1373.723+/-0.342 χ^2/NDF : 641937.9/20

In: 1391.619+/-0.501 χ^2/NDF : 419988.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.723+/-0.342 χ^2/NDF : 641937.9/20

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 535.000+/-2782.538 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 757.887+/-2304.979 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

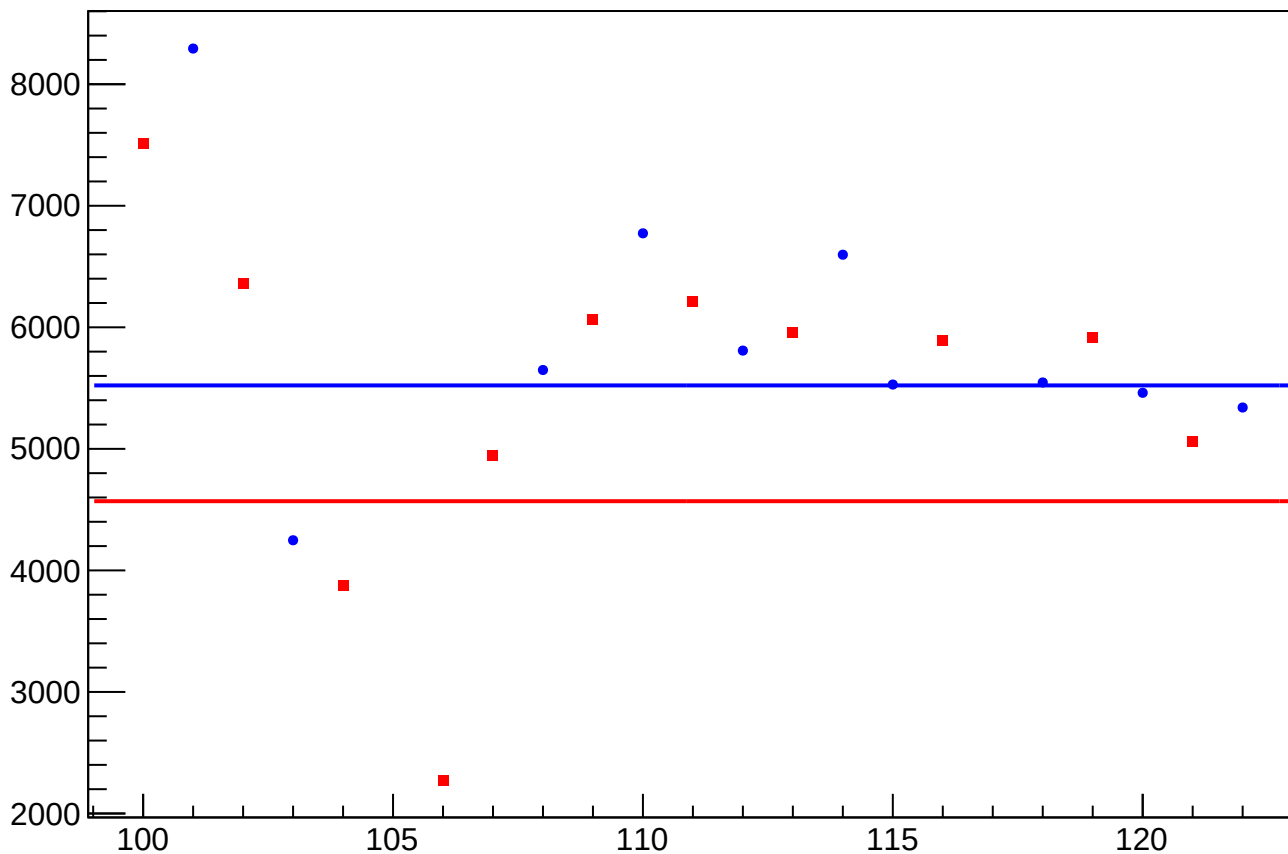
Right: 667.183+/-1775.057 χ^2/NDF : 22.3/20

In: 535.000+/-2782.538 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.183+/-1775.057 χ^2/NDF : 22.3/20

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5521.929+/-1.968 χ^2/NDF : 290262.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4569.427+/-1.630 χ^2/NDF : 929114.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

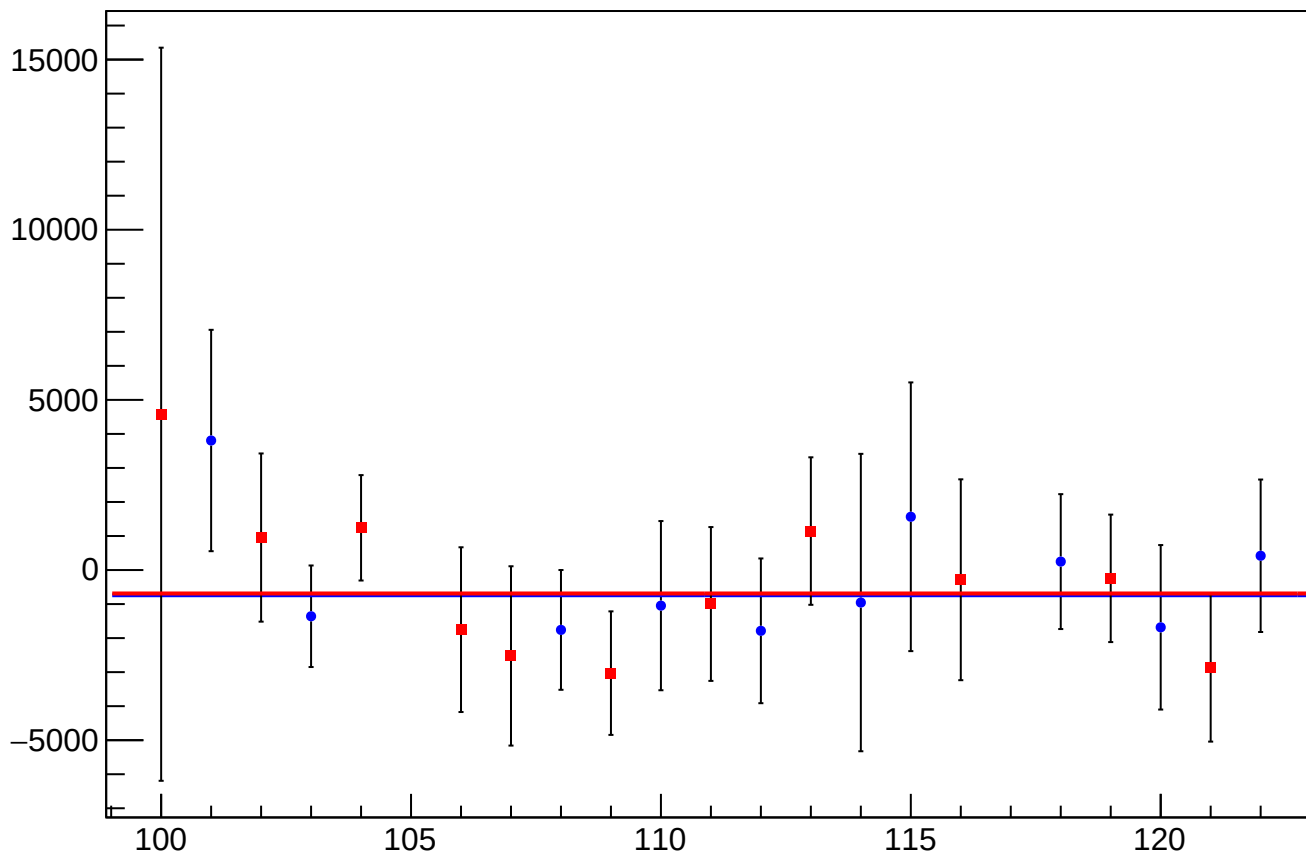
Right: 4957.049+/-1.255 χ^2/NDF : 1358362.6/20

In: 5521.929+/-1.968 χ^2/NDF : 290262.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4957.049+/-1.255 χ^2/NDF : 1358362.6/20

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -739.990 $\pm$ 708.666 χ^2 /NDF: 3.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -688.768 $\pm$ 669.767 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

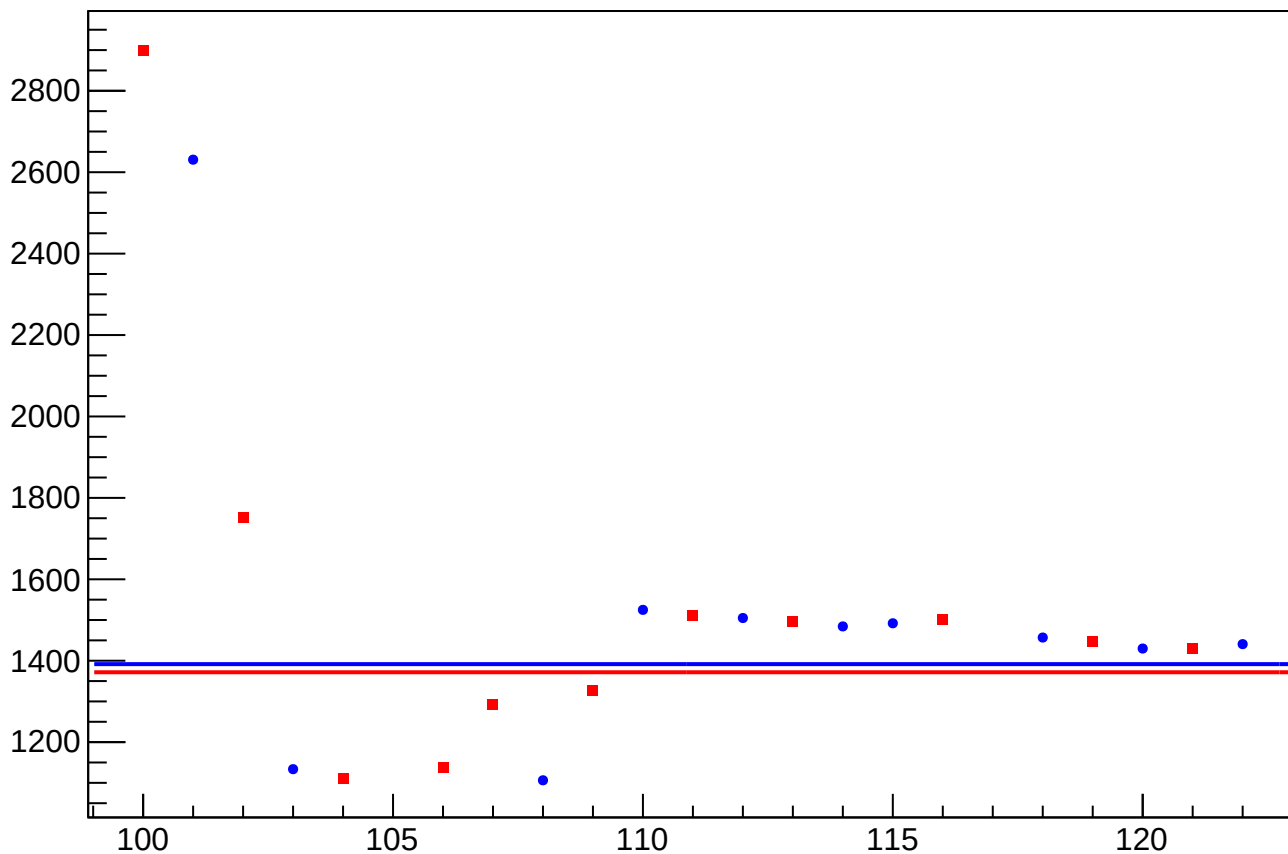
Right: -712.935 $\pm$ 486.768 χ^2 /NDF: 10.1/20

In: -739.990 $\pm$ 708.666 χ^2 /NDF:3.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -712.935 $\pm$ 486.768 χ^2 /NDF: 10.1/20

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1391.619+/-0.501 χ^2/NDF : 419988.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1371.651+/-0.472 χ^2/NDF : 190453.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

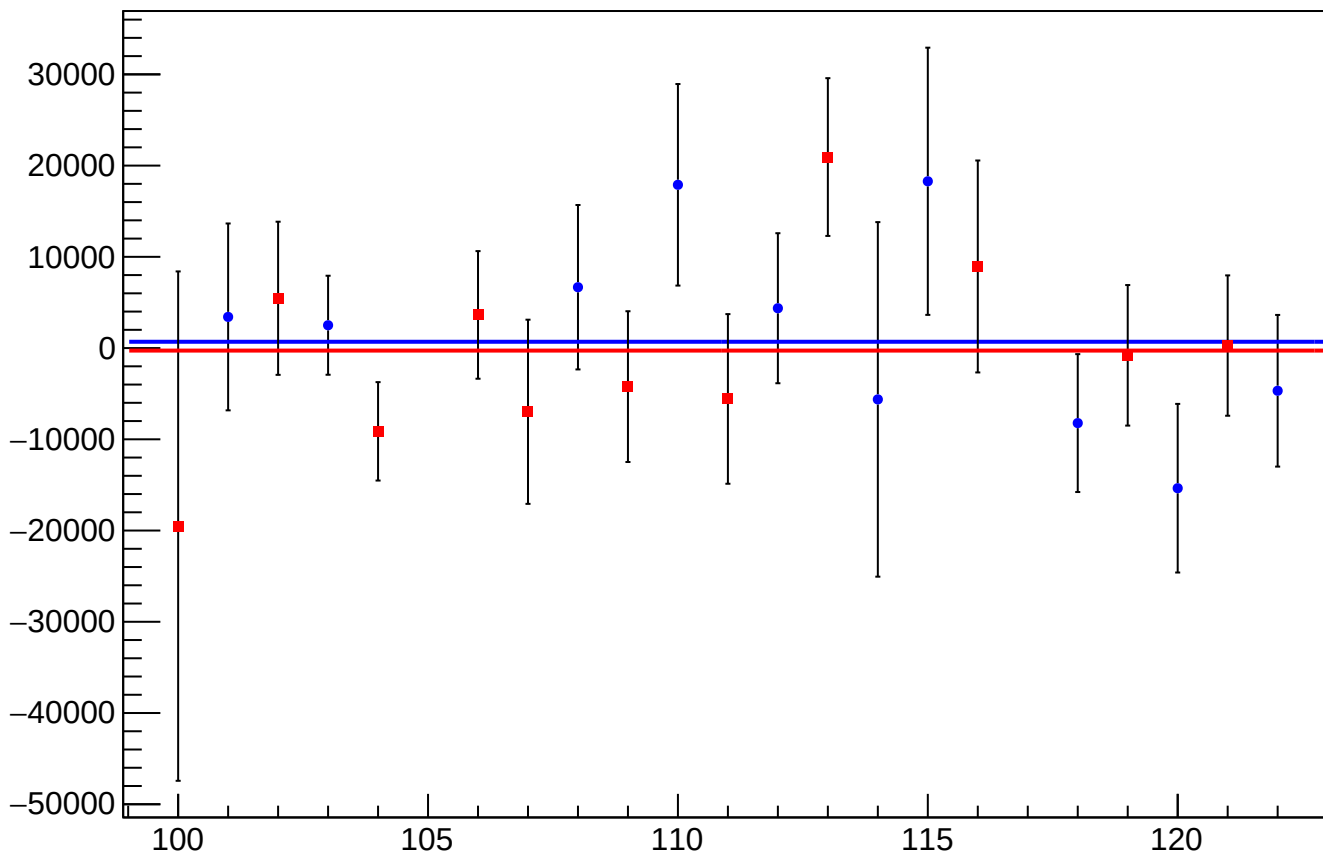
Right: 1381.038+/-0.344 χ^2/NDF : 611283.7/20

In: 1391.619+/-0.501 χ^2/NDF :419988.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1381.038+/-0.344 χ^2/NDF : 611283.7/20

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 691.715+/-2775.588 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -275.223+/-2493.214 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

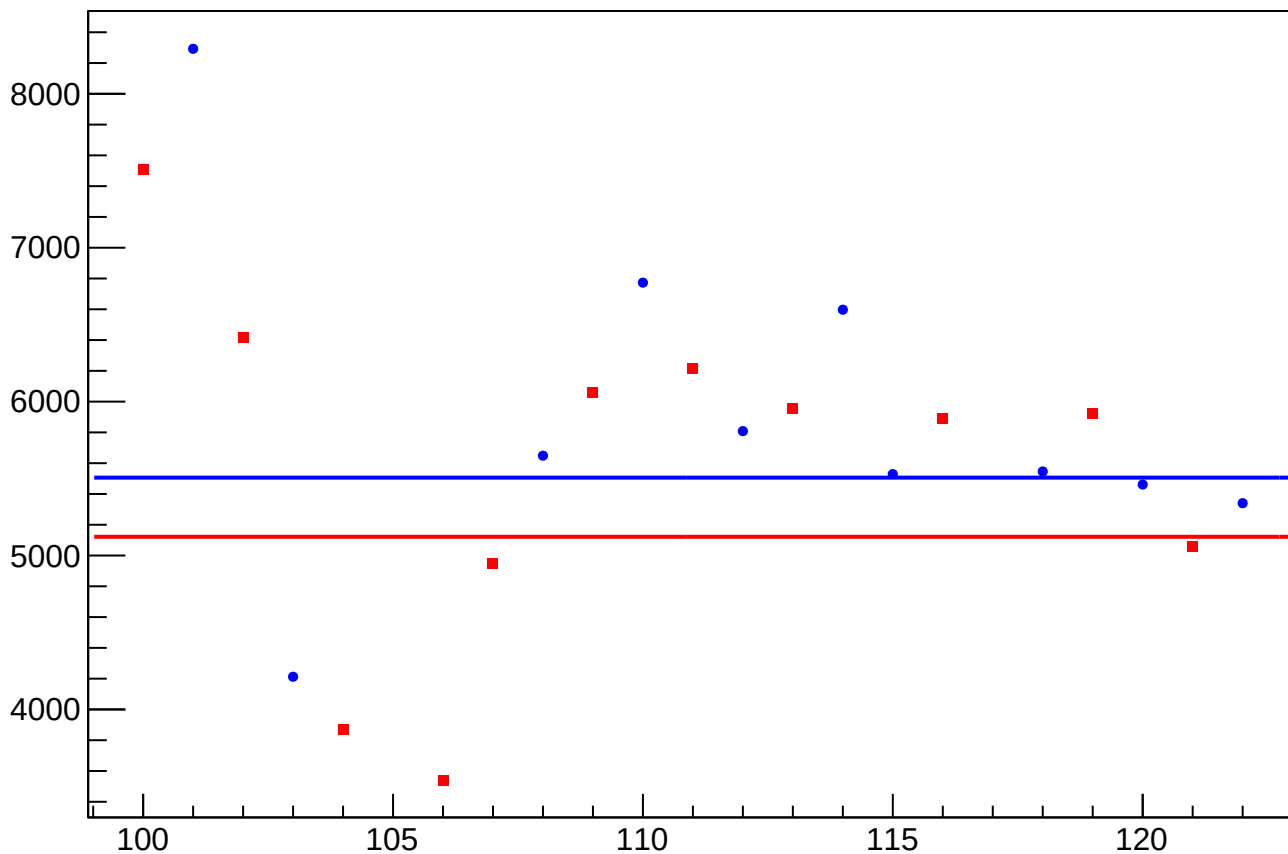
Right: 156.573+/-1854.791 χ^2/NDF : 21.3/20

In: 691.715+/-2775.588 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.573+/-1854.791 χ^2/NDF : 21.3/20

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5506.207+/-1.963 χ^2/NDF : 298509.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5121.777+/-1.763 χ^2/NDF : 375553.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

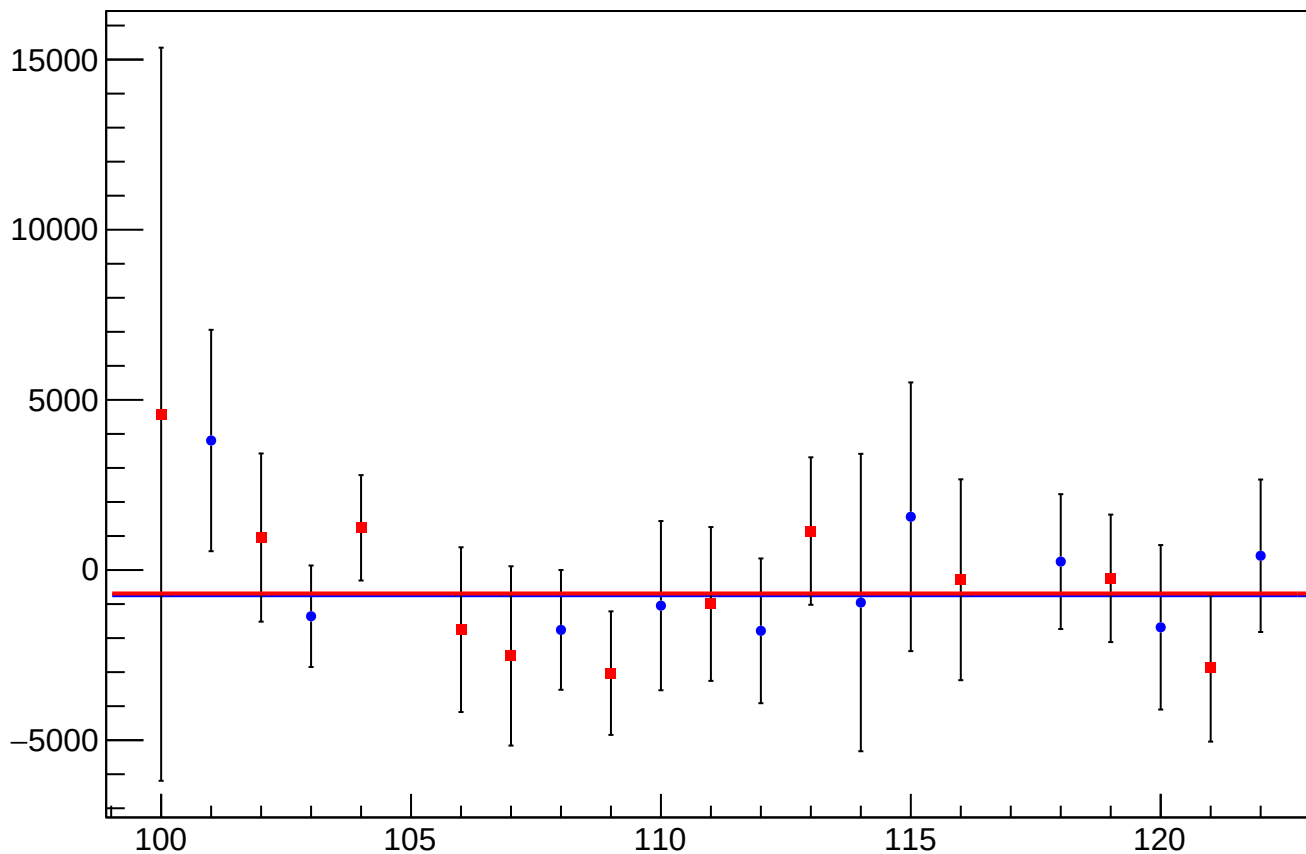
Right: 5293.448+/-1.312 χ^2/NDF : 695296.6/20

In: 5506.207+/-1.963 χ^2/NDF : 298509.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5293.448+/-1.312 χ^2/NDF : 695296.6/20

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -739.990+/-708.666 χ^2/NDF : 3.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -688.768+/-669.767 χ^2/NDF : 6.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

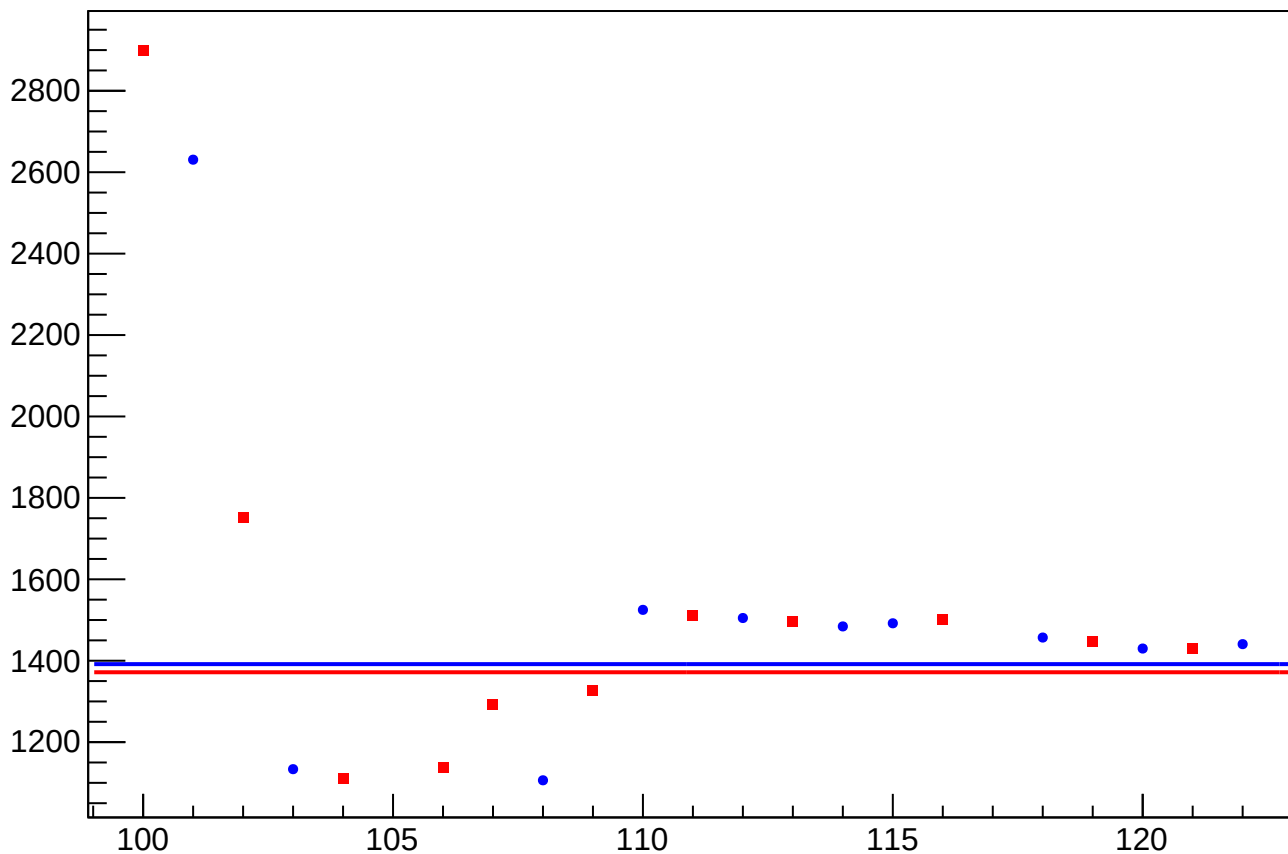
Right: -712.935+/-486.768 χ^2/NDF : 10.1/20

In: -739.990+/-708.666 χ^2/NDF :3.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -712.935+/-486.768 χ^2/NDF : 10.1/20

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1391.619+/-0.501 χ^2/NDF : 419988.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1371.651+/-0.472 χ^2/NDF : 190453.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

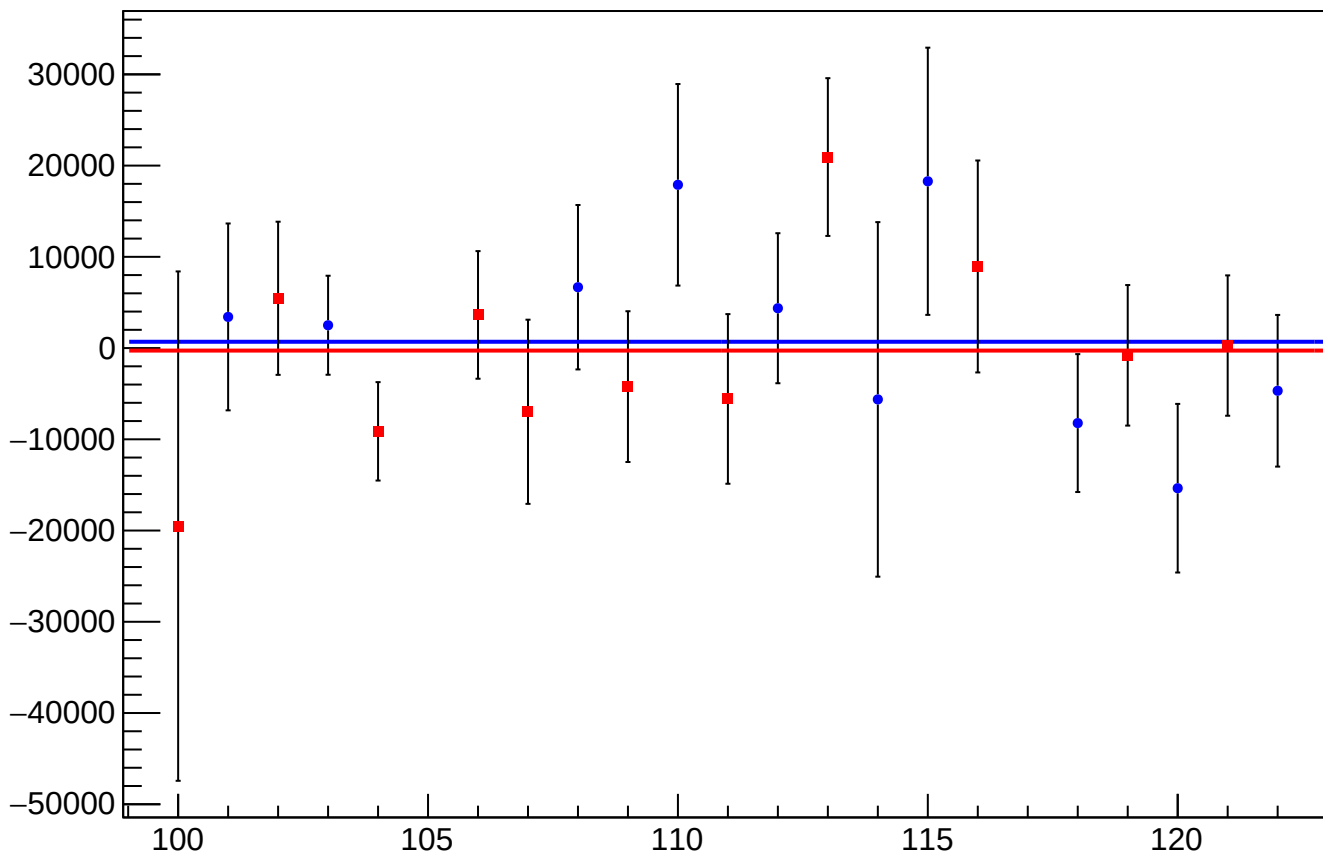
Right: 1381.038+/-0.344 χ^2/NDF : 611283.7/20

In: 1391.619+/-0.501 χ^2/NDF :419988.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1381.038+/-0.344 χ^2/NDF : 611283.7/20

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 691.715+/-2775.588 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -275.223+/-2493.214 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

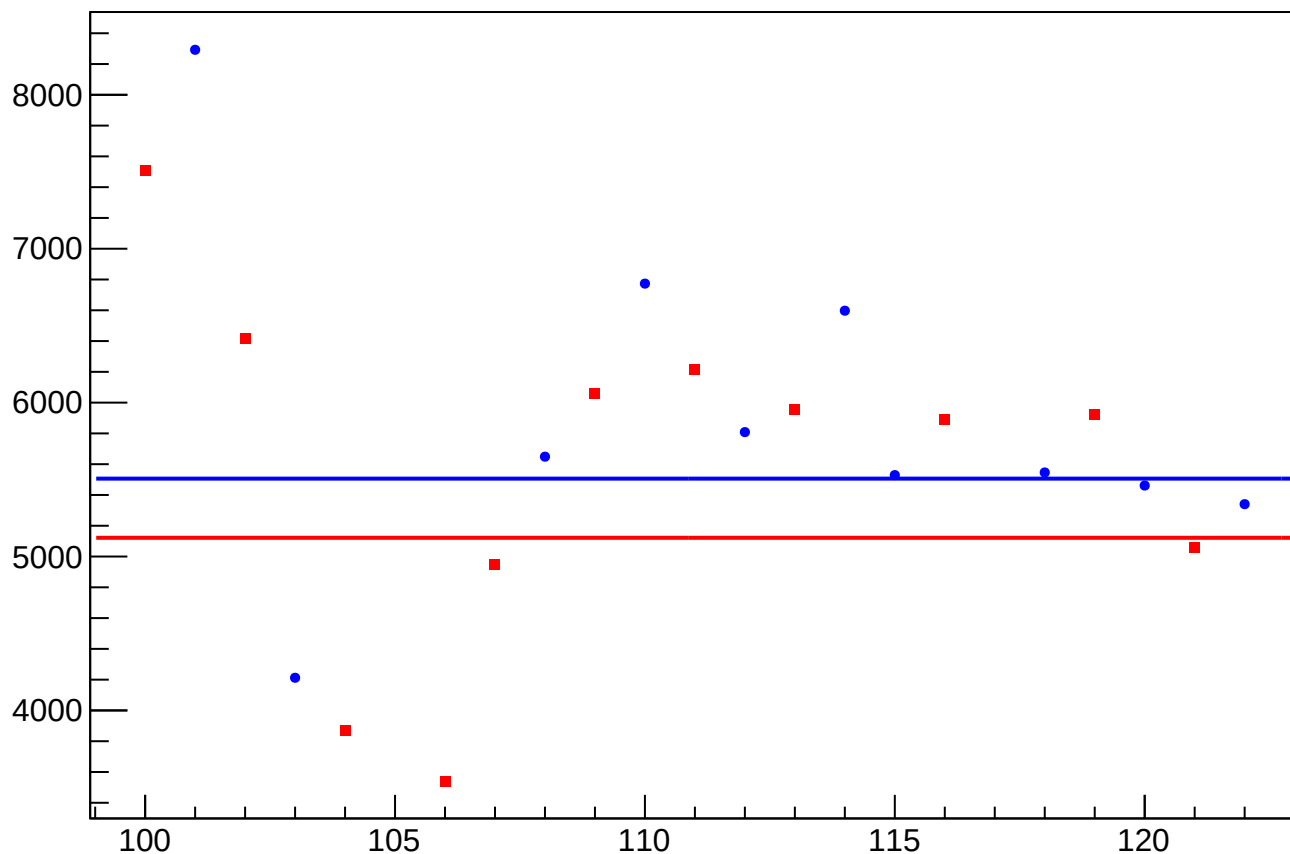
Right: 156.573+/-1854.791 χ^2/NDF : 21.3/20

In: 691.715+/-2775.588 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.573+/-1854.791 χ^2/NDF : 21.3/20

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5506.207+/-1.963 χ^2/NDF : 298509.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5121.777+/-1.763 χ^2/NDF : 375553.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

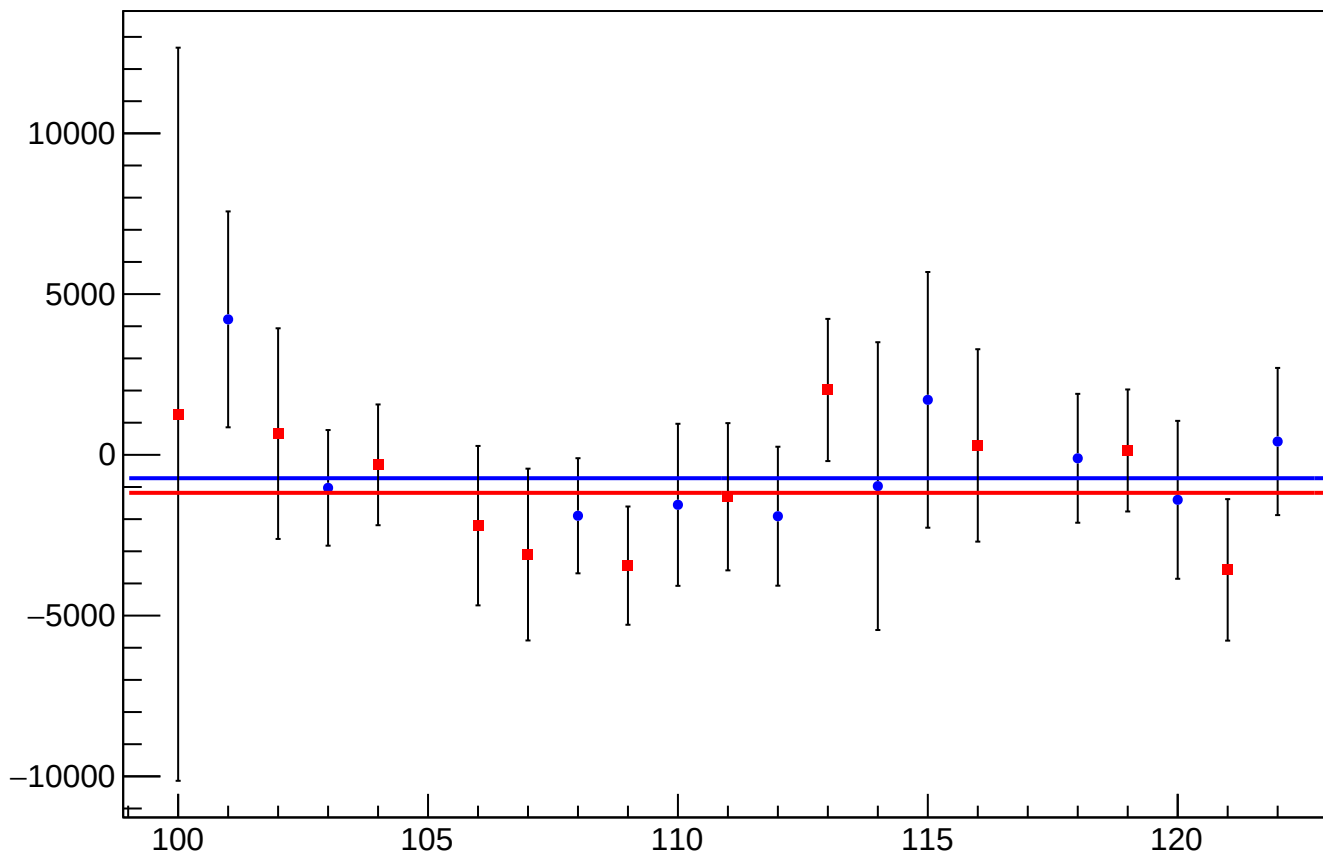
Right: 5293.448+/-1.312 χ^2/NDF : 695296.6/20

In: 5506.207+/-1.963 χ^2/NDF : 298509.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5293.448+/-1.312 χ^2/NDF : 695296.6/20

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -726.532 $\pm$ 745.352 χ^2 /NDF: 3.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1181.705 $\pm$ 711.787 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

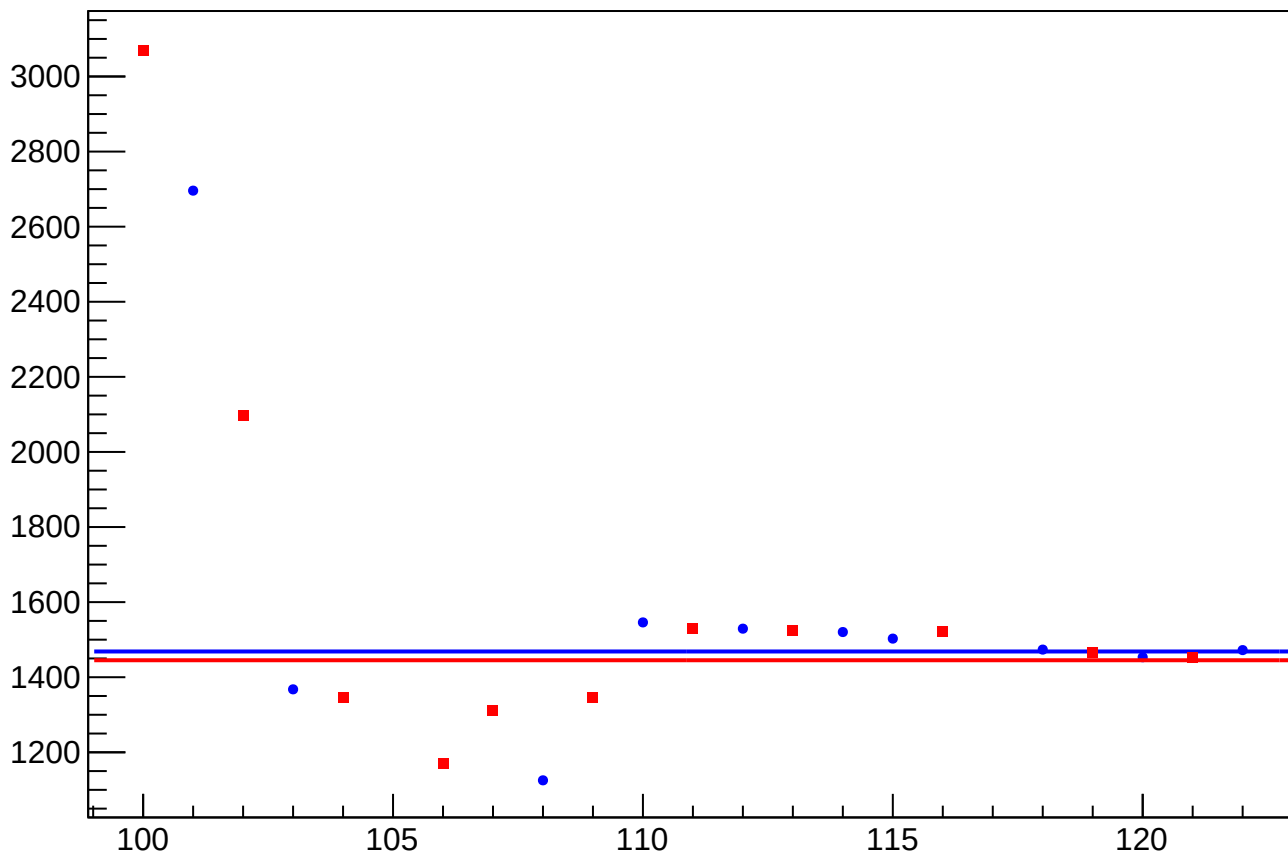
Right: -964.598 $\pm$ 514.767 χ^2 /NDF: 10.8/20

In: -726.532 $\pm$ 745.352 χ^2 /NDF:3.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -964.598 $\pm$ 514.767 χ^2 /NDF: 10.8/20

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1468.548+/-0.527 χ^2/NDF : 350981.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1445.200+/-0.503 χ^2/NDF : 167843.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

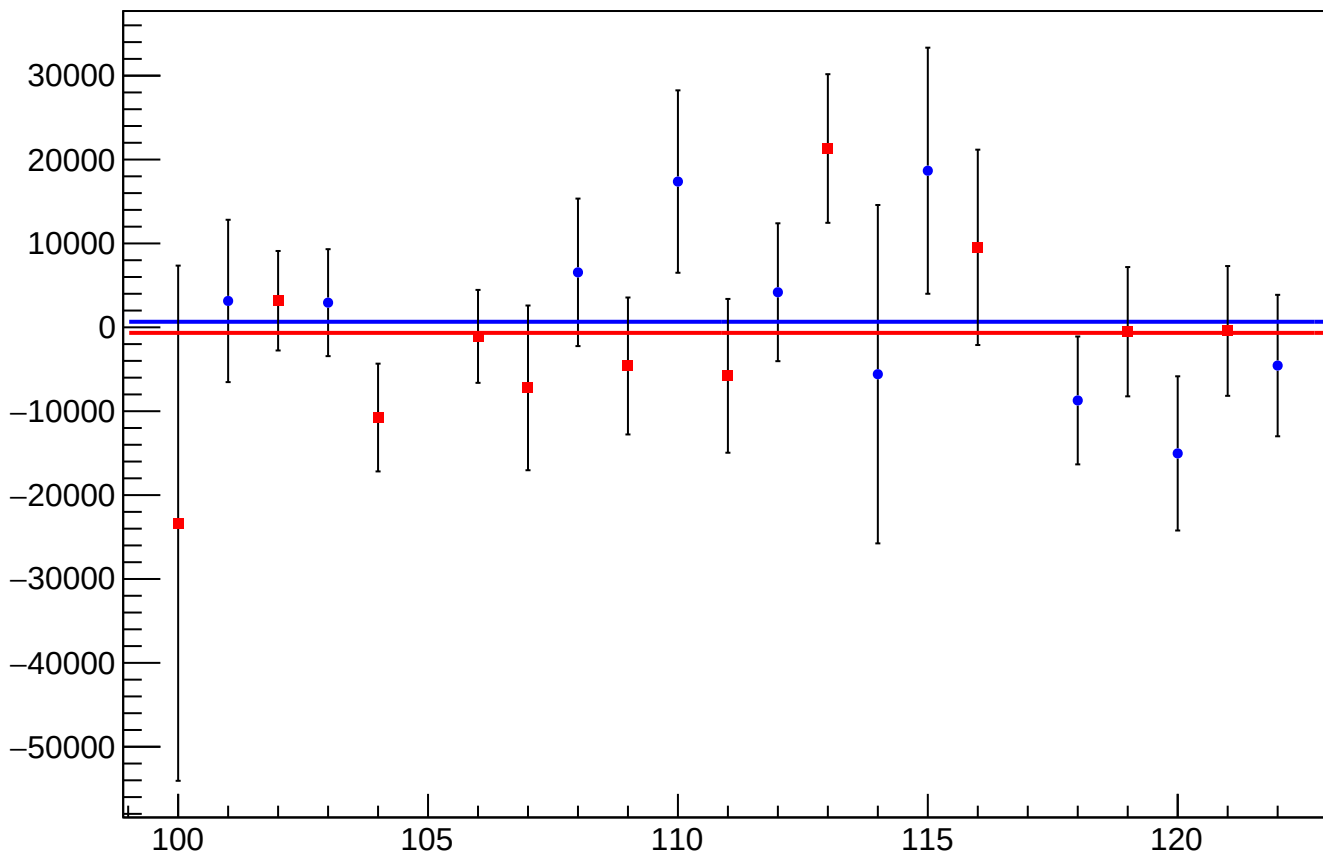
Right: 1456.332+/-0.364 χ^2/NDF : 519852.1/20

In: 1468.548+/-0.527 χ^2/NDF : 350981.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.332+/-0.364 χ^2/NDF : 519852.1/20

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 662.499+/-2866.433 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -661.791+/-2375.166 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

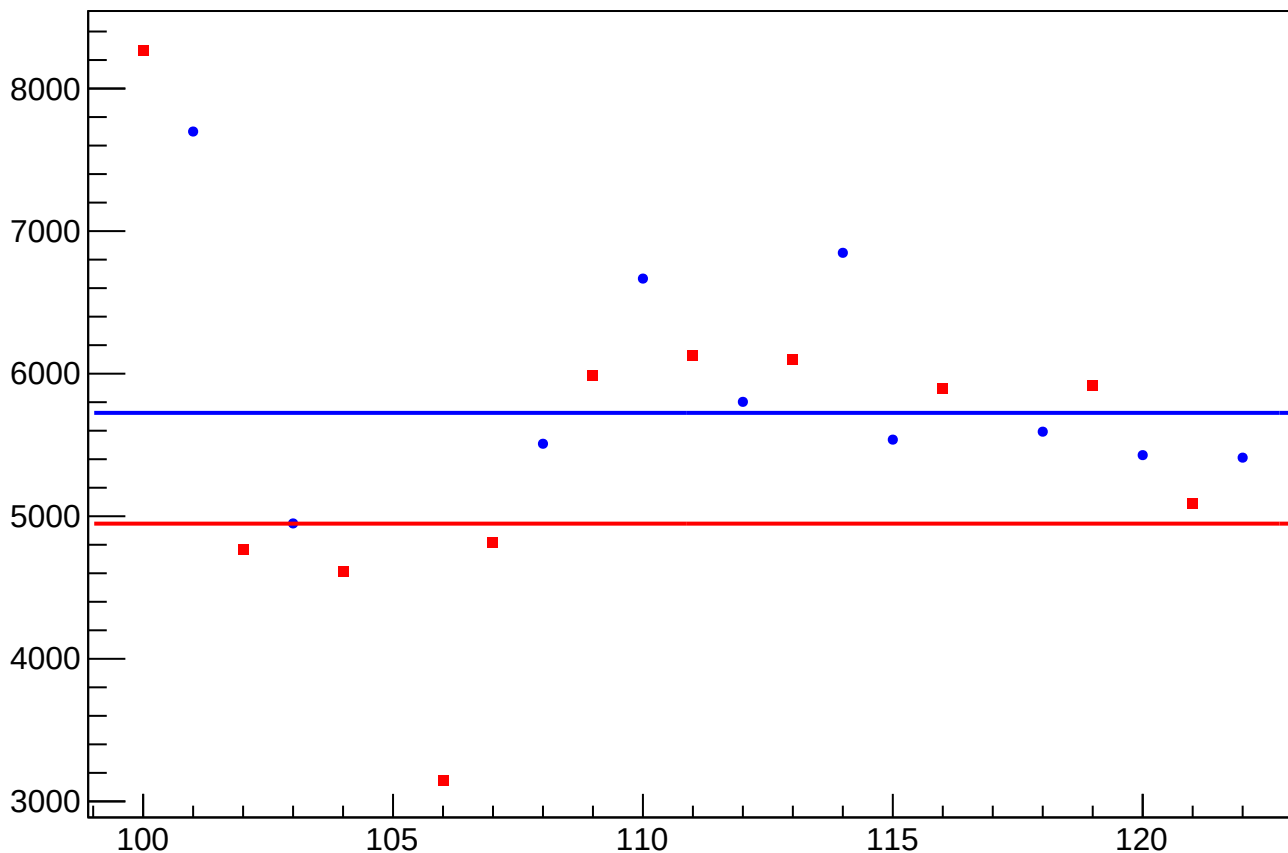
Right: -122.684+/-1828.891 χ^2/NDF : 21.1/20

In: 662.499+/-2866.433 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -122.684+/-1828.891 χ^2/NDF : 21.1/20

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5725.122+/-2.027 χ^2/NDF : 141151.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4948.169+/-1.679 χ^2/NDF : 387055.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

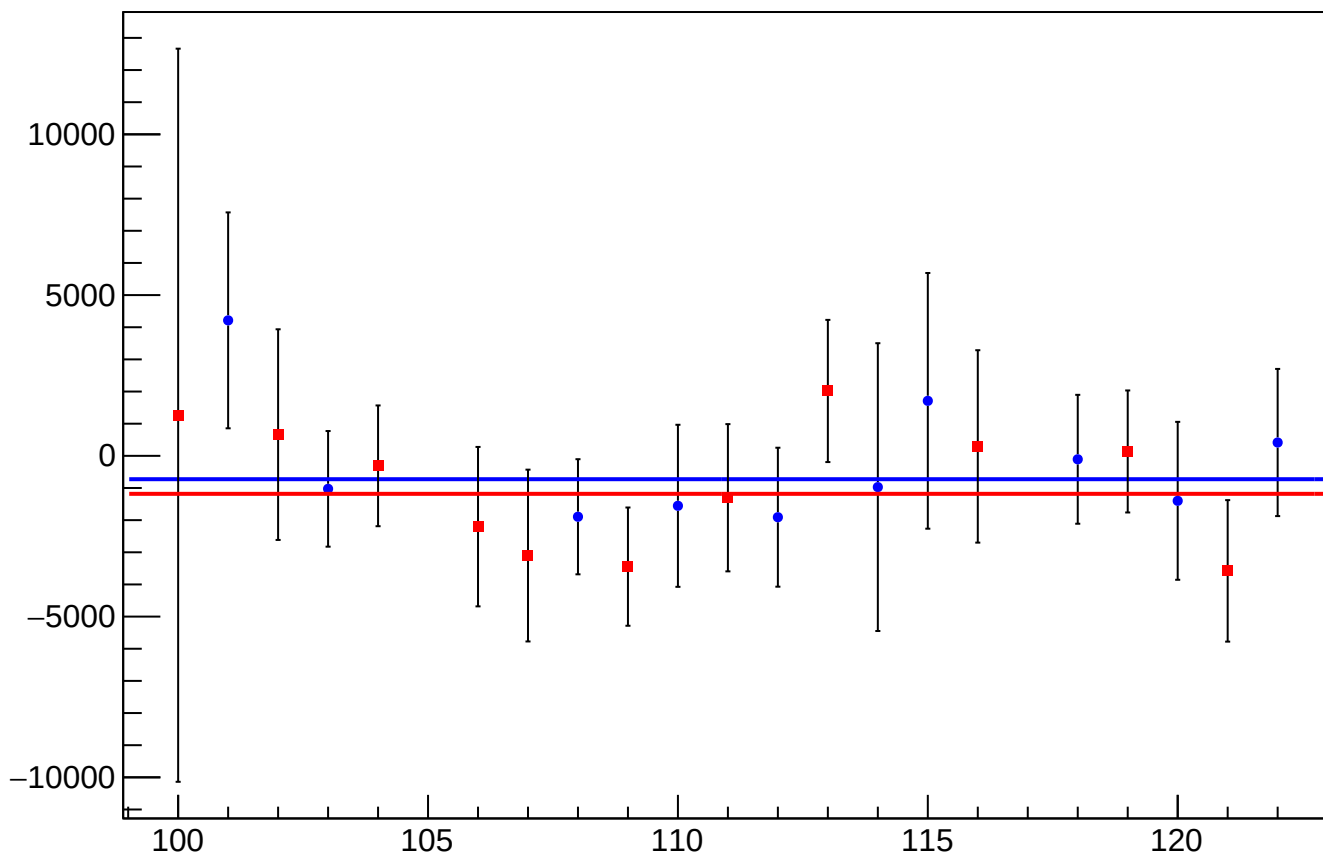
Right: 5264.460+/-1.293 χ^2/NDF : 615328.2/20

In: 5725.122+/-2.027 χ^2/NDF : 141151.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5264.460+/-1.293 χ^2/NDF : 615328.2/20

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -726.527+/-745.353 χ^2/NDF : 3.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1181.720+/-711.787 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

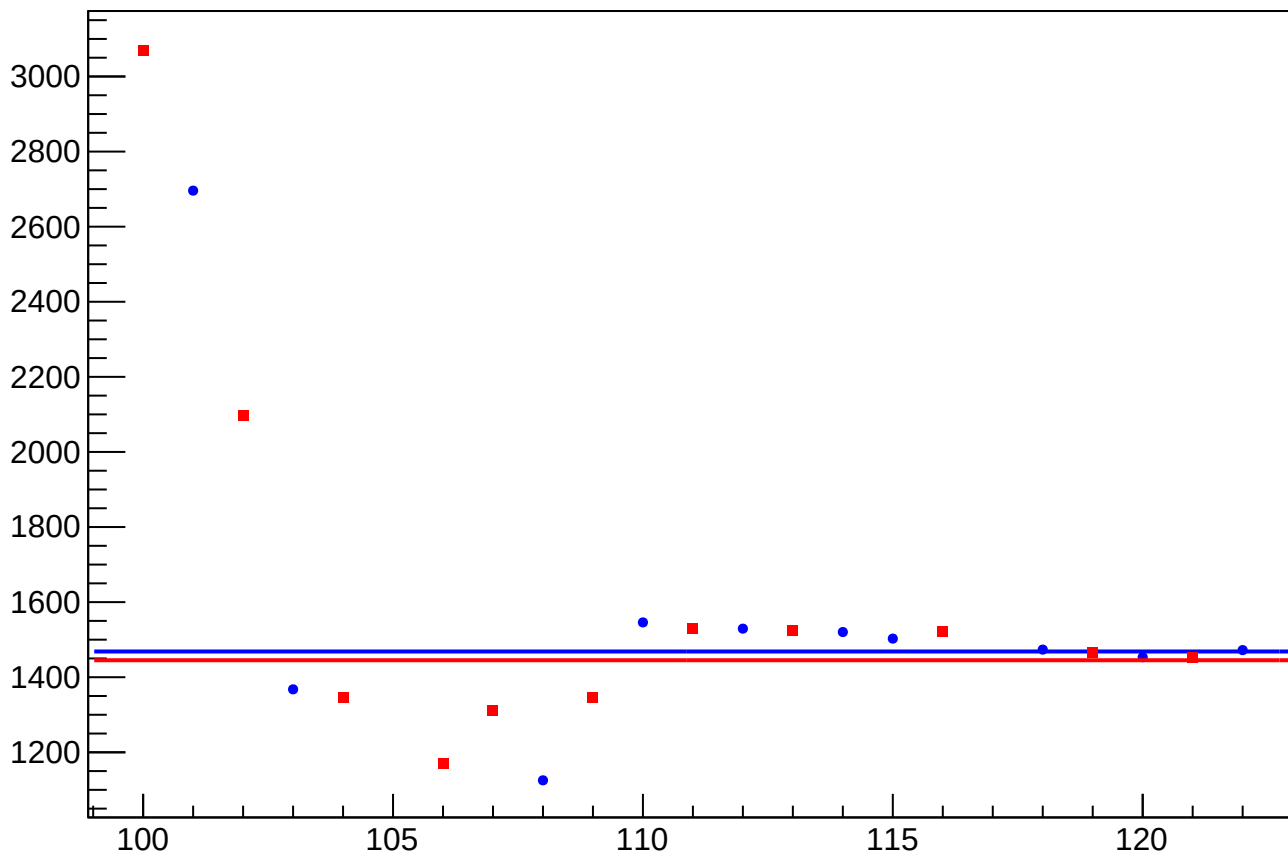
Right: -964.603+/-514.767 χ^2/NDF : 10.8/20

In: -726.527+/-745.353 χ^2/NDF : 3.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -964.603+/-514.767 χ^2/NDF : 10.8/20

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1468.548+/-0.527 χ^2/NDF : 350981.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1445.201+/-0.503 χ^2/NDF : 167843.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

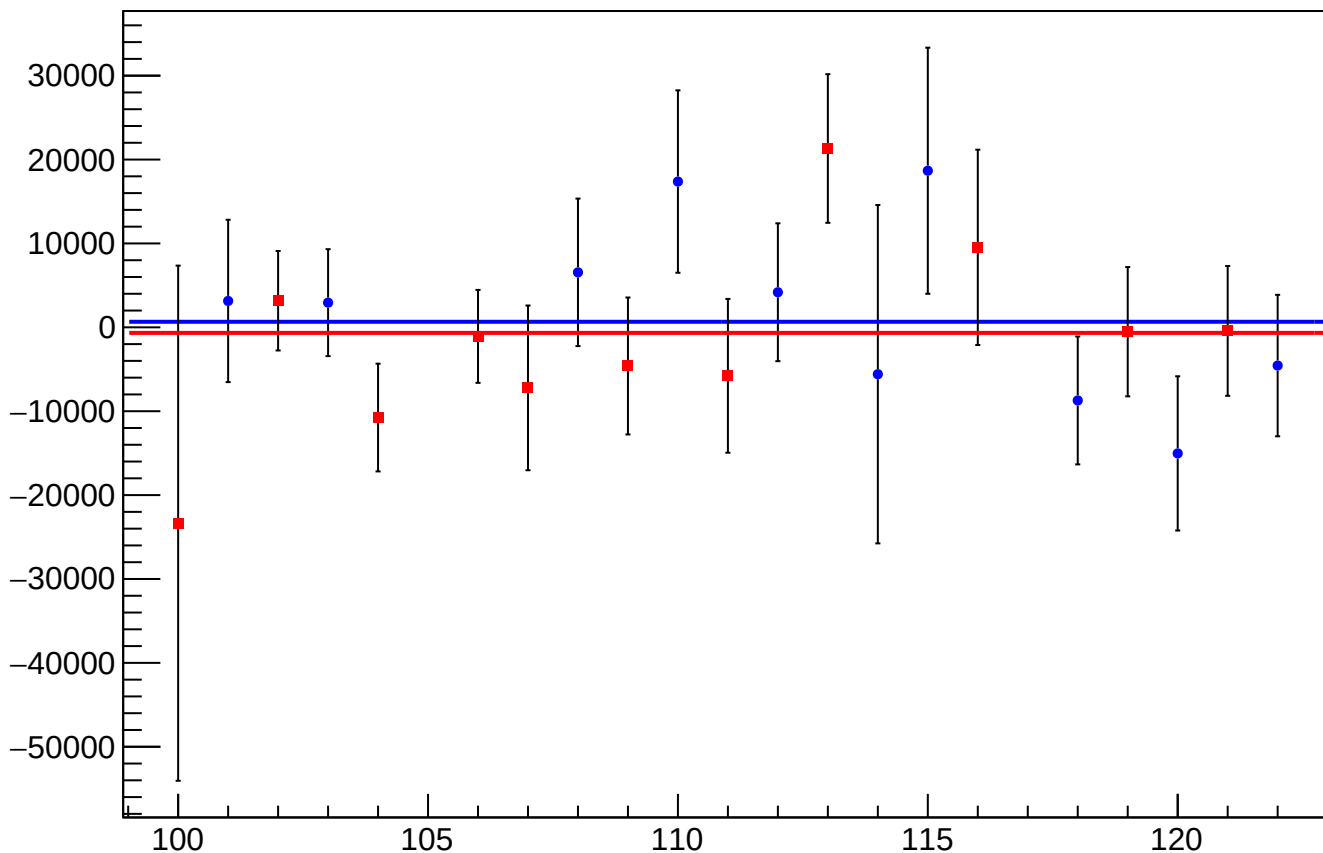
Right: 1456.332+/-0.364 χ^2/NDF : 519851.7/20

In: 1468.548+/-0.527 χ^2/NDF : 350981.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.332+/-0.364 χ^2/NDF : 519851.7/20

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 662.483+/-2866.426 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -661.797+/-2375.161 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

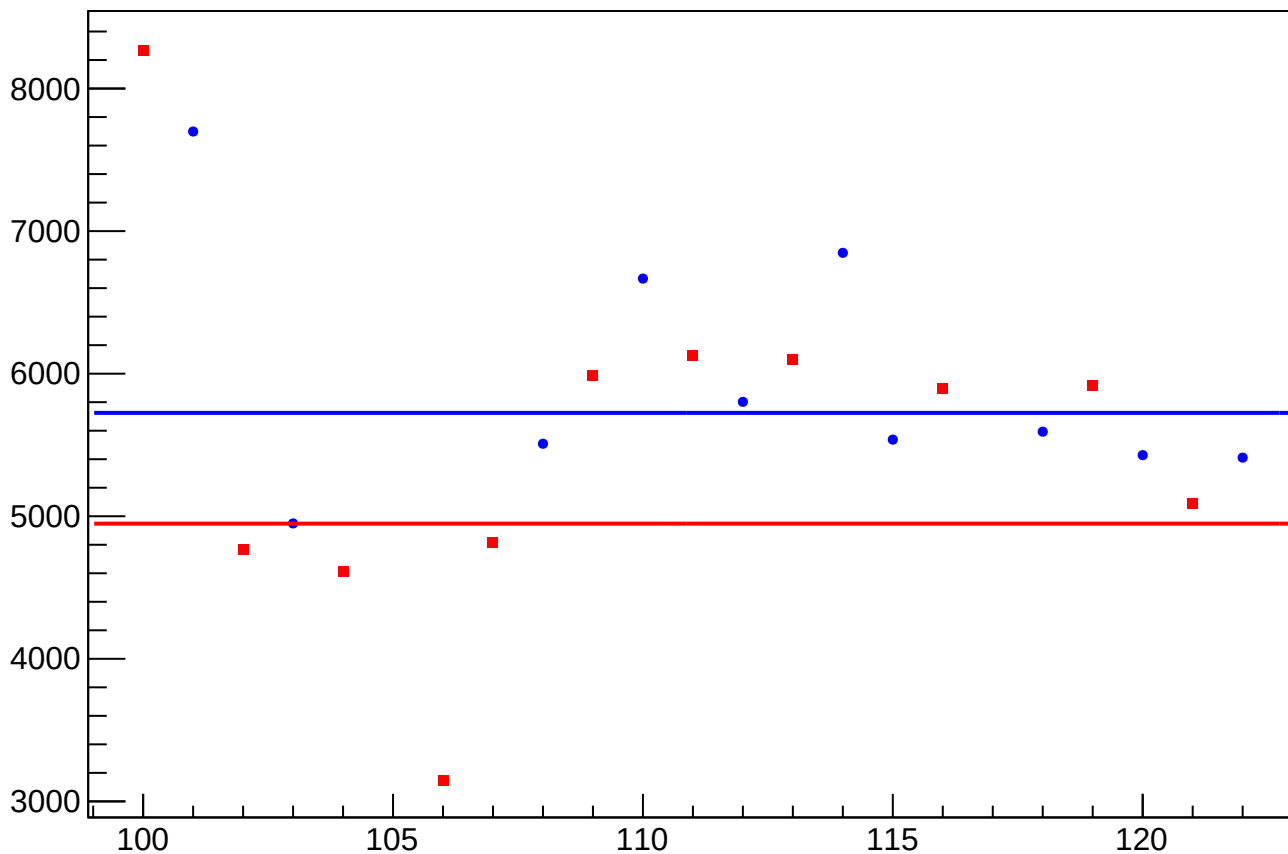
Right: -122.693+/-1828.887 χ^2/NDF : 21.1/20

In: 662.483+/-2866.426 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -122.693+/-1828.887 χ^2/NDF : 21.1/20

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5725.108+/-2.027 χ^2/NDF : 141151.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4948.158+/-1.679 χ^2/NDF : 387055.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

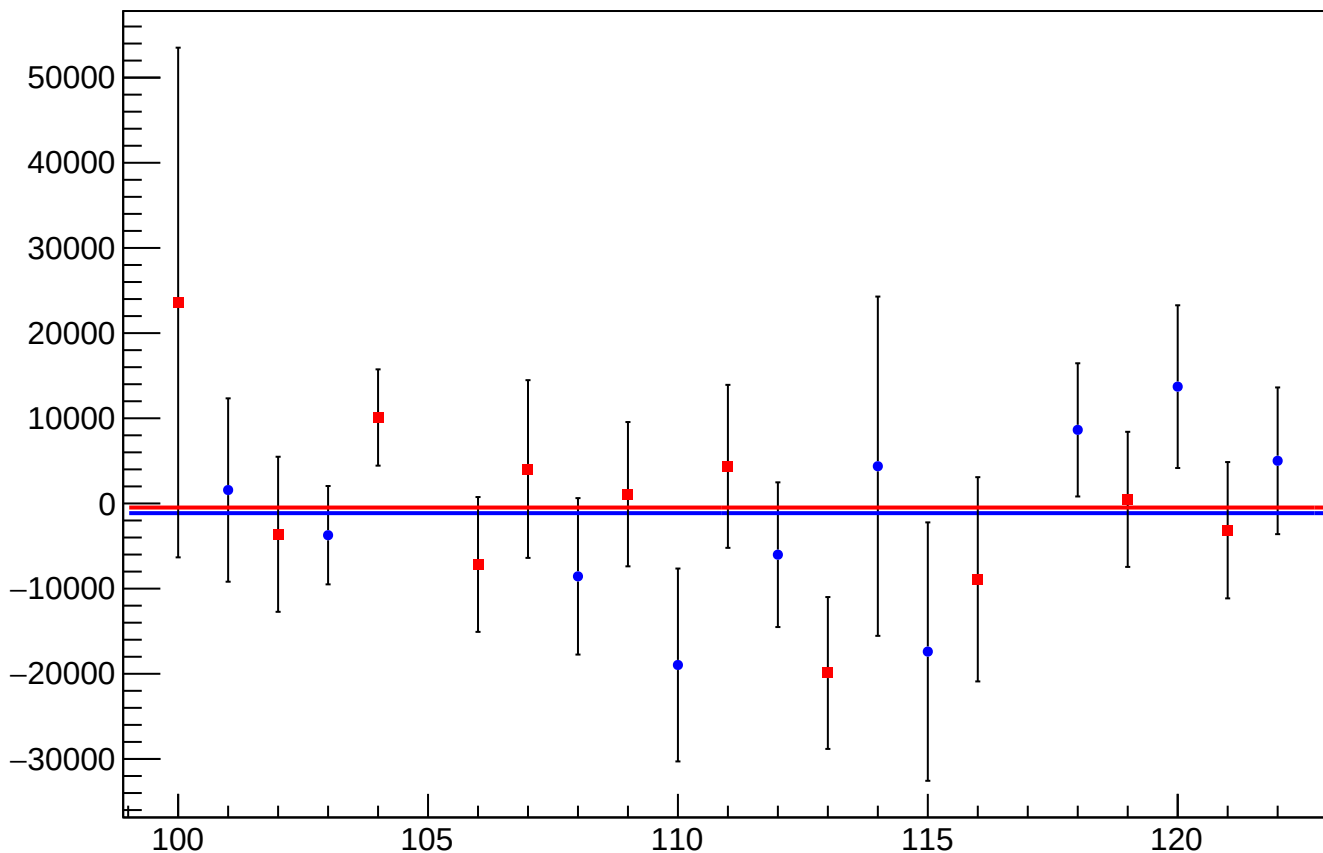
Right: 5264.448+/-1.293 χ^2/NDF : 615327.9/20

In: 5725.108+/-2.027 χ^2/NDF : 141151.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5264.448+/-1.293 χ^2/NDF : 615327.9/20

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1138.675+/-2889.328 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -479.641+/-2621.484 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

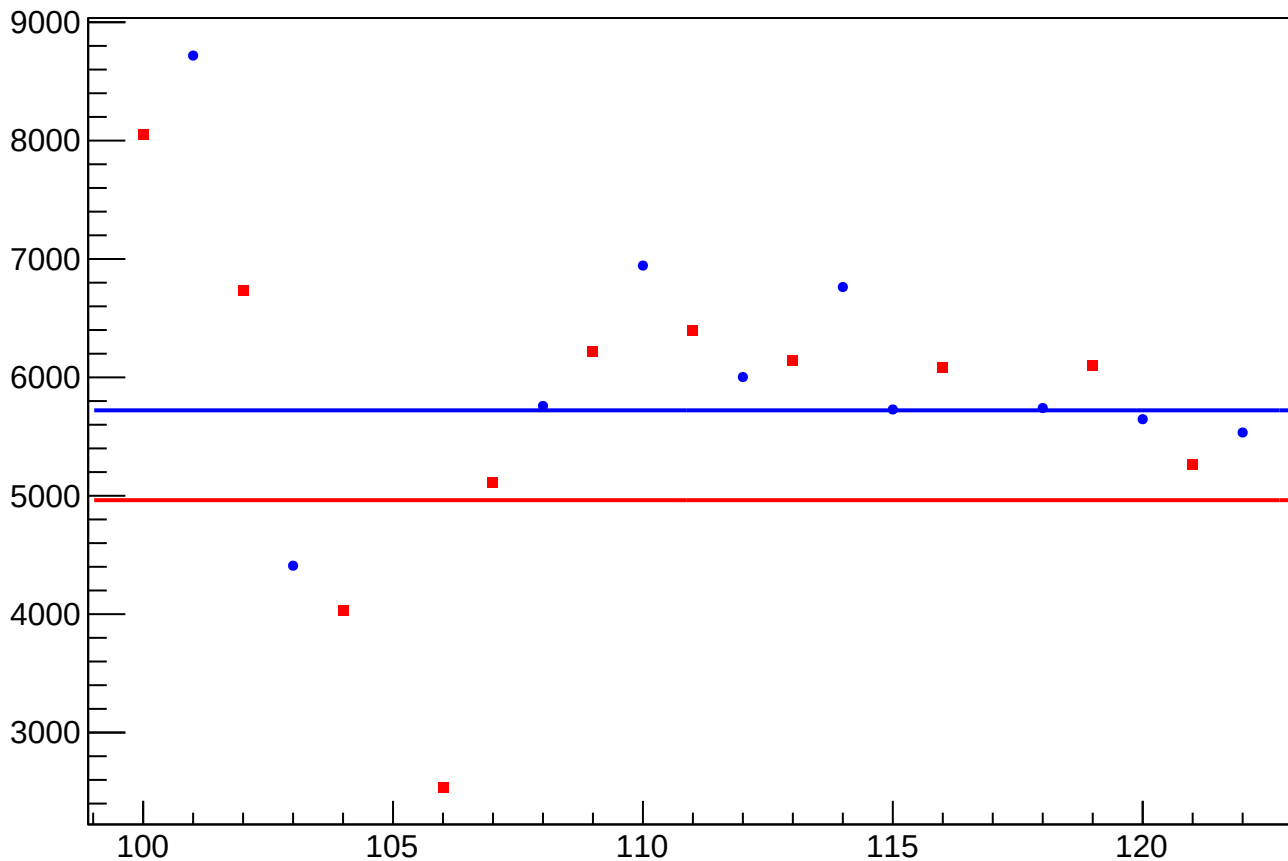
Right: -777.202+/-1941.472 χ^2/NDF : 20.3/20

In: -1138.675+/-2889.328 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -777.202+/-1941.472 χ^2/NDF : 20.3/20

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5721.586+/-2.043 χ^2/NDF : 290372.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4962.762+/-1.763 χ^2/NDF : 703686.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

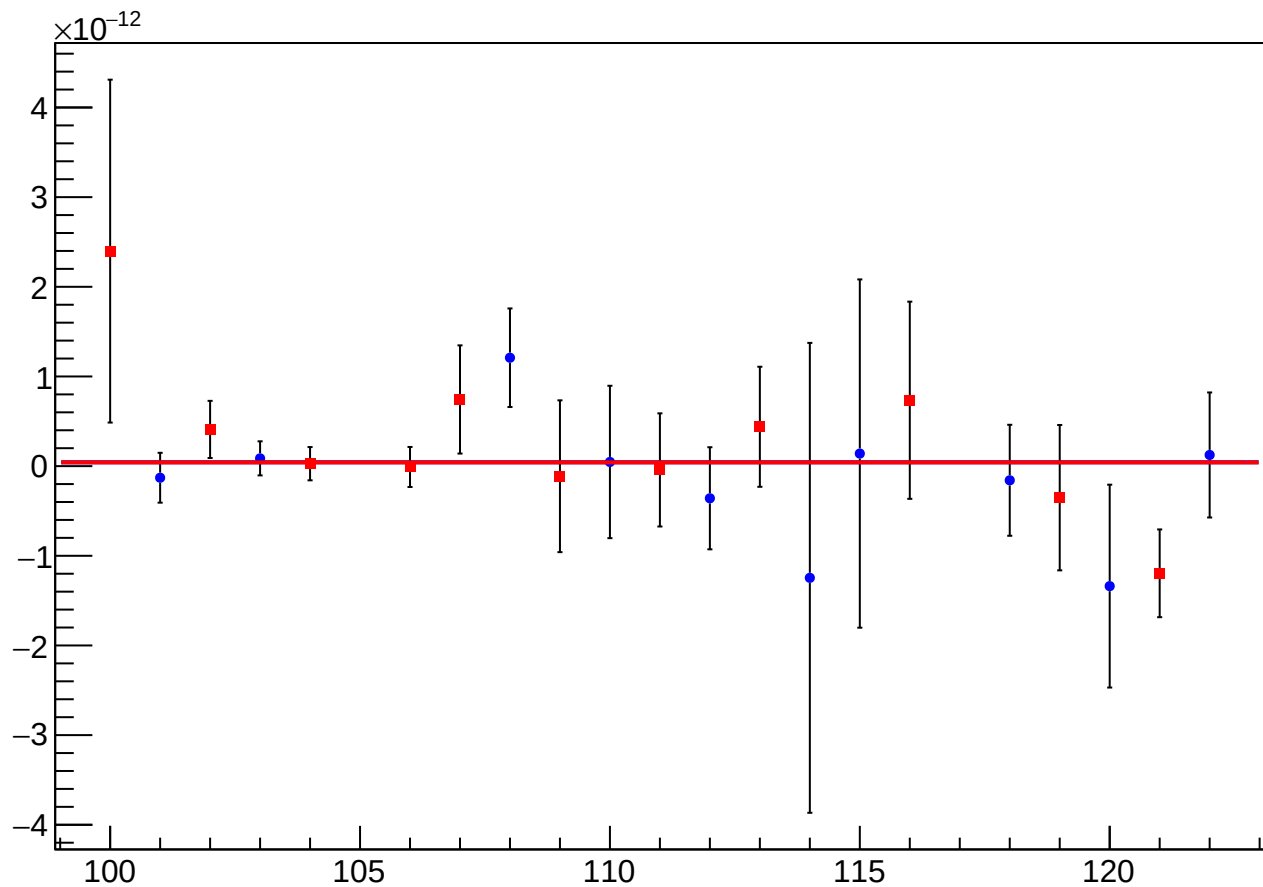
Right: 5286.730+/-1.335 χ^2/NDF : 1073114.0/20

In: 5721.586+/-2.043 χ^2/NDF : 290372.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5286.730+/-1.335 χ^2/NDF : 1073114.0/20

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 : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

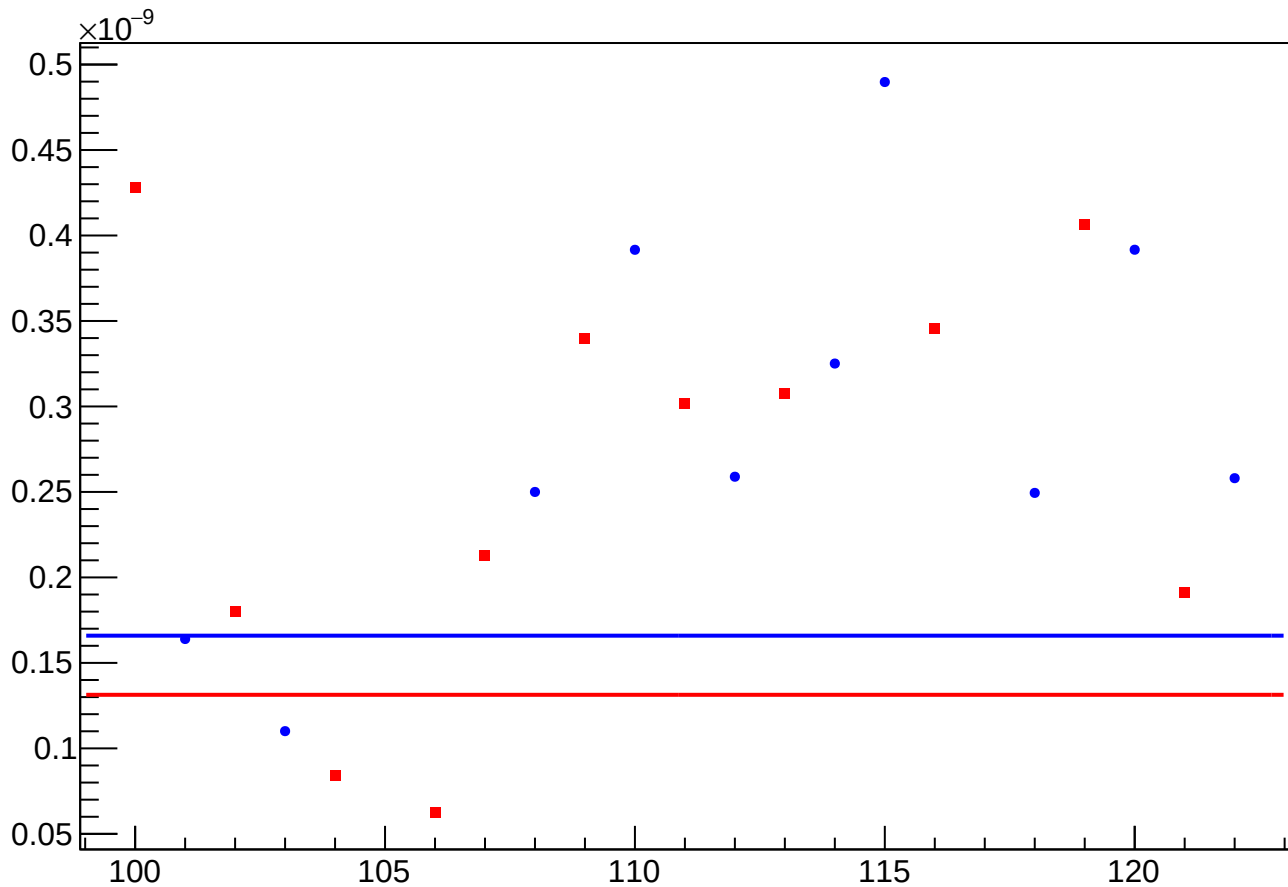
Right: 0.000+/-0.000 χ^2/NDF : 19.0/20

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 : 19.0/20

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 627856.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1192499.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

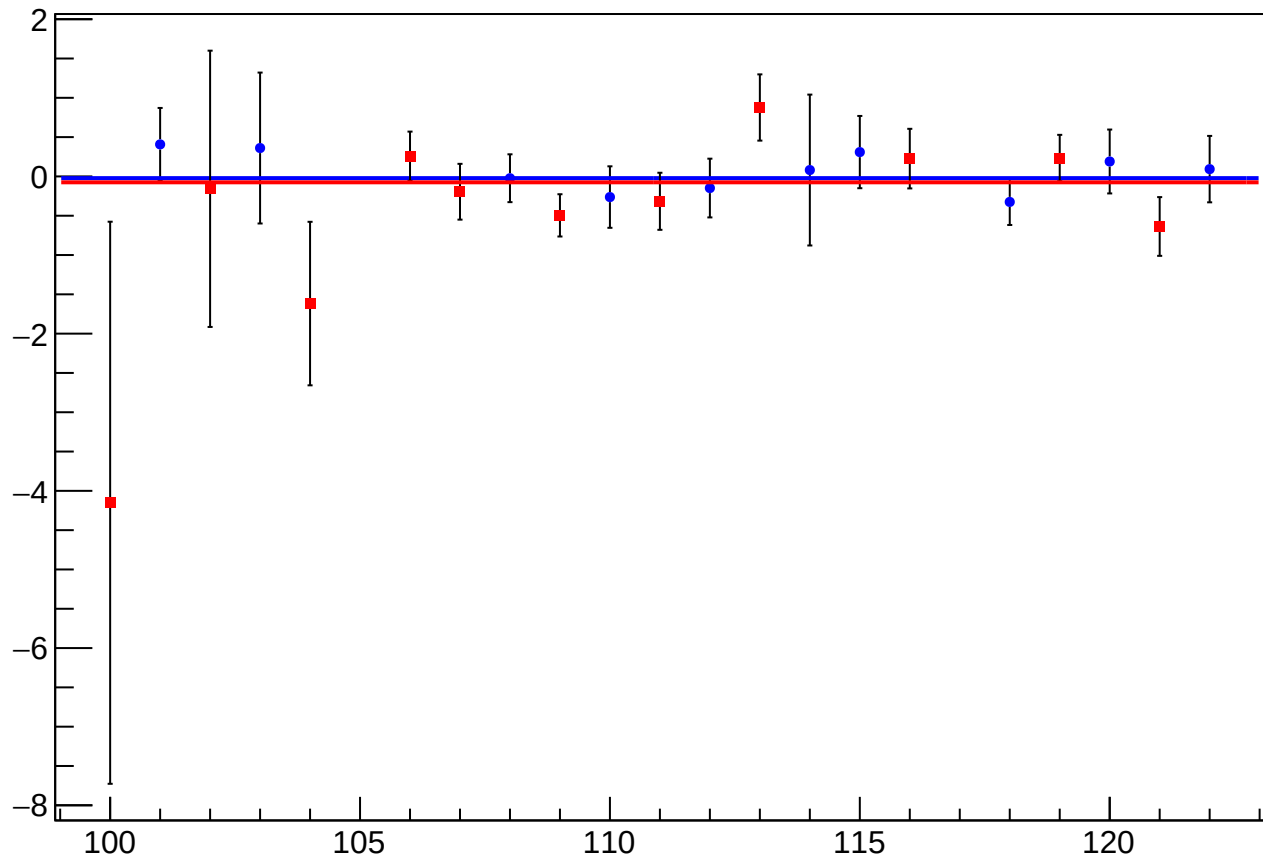
Right: 0.000+/-0.000 χ^2/NDF : 1895561.2/20

In: 0.000+/-0.000 χ^2/NDF : 627856.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1895561.2/20

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.075 ± 0.118 χ^2/NDF : 16.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

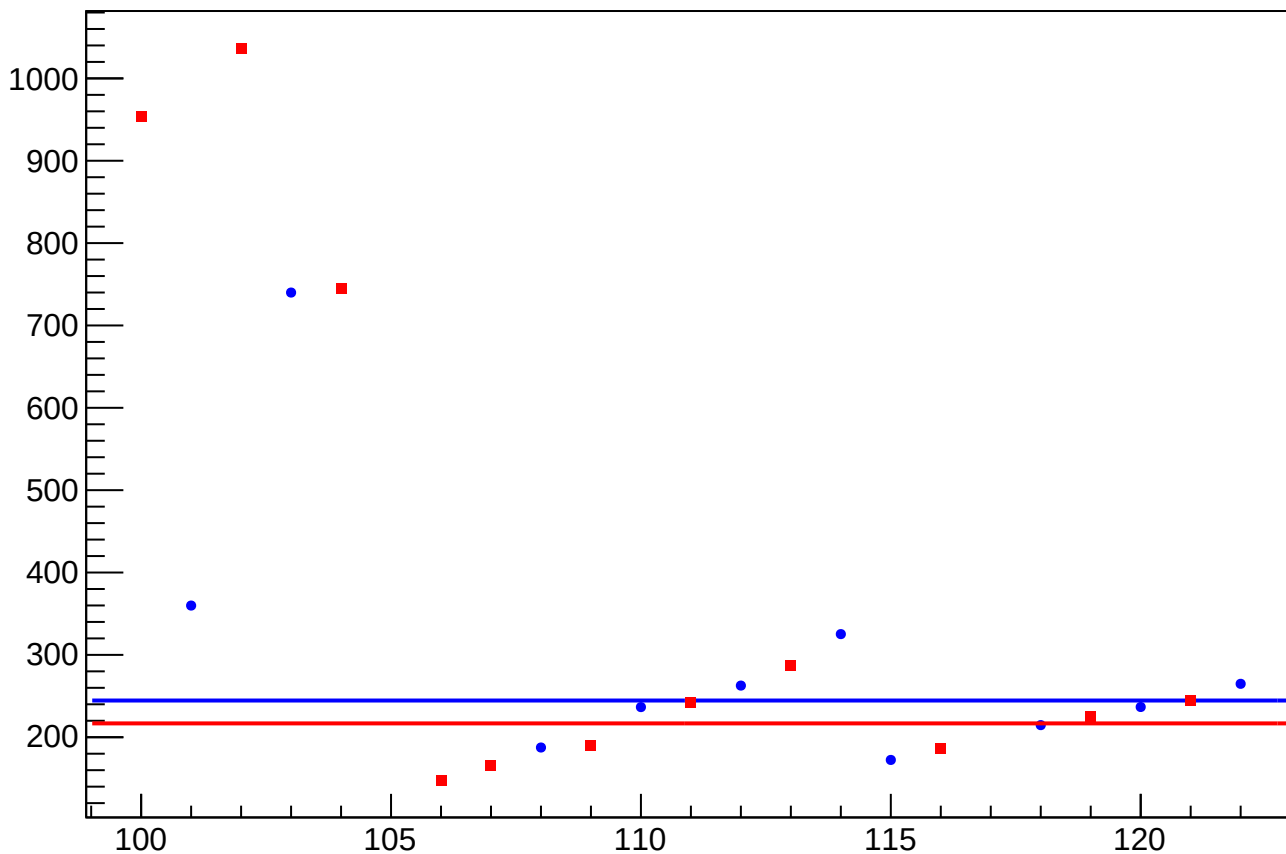
Right: -0.051 ± 0.087 χ^2/NDF : 20.3/20

In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.087 χ^2/NDF : 20.3/20

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.583+/-0.092 χ^2/NDF : 821865.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.807+/-0.083 χ^2/NDF : 1286868.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

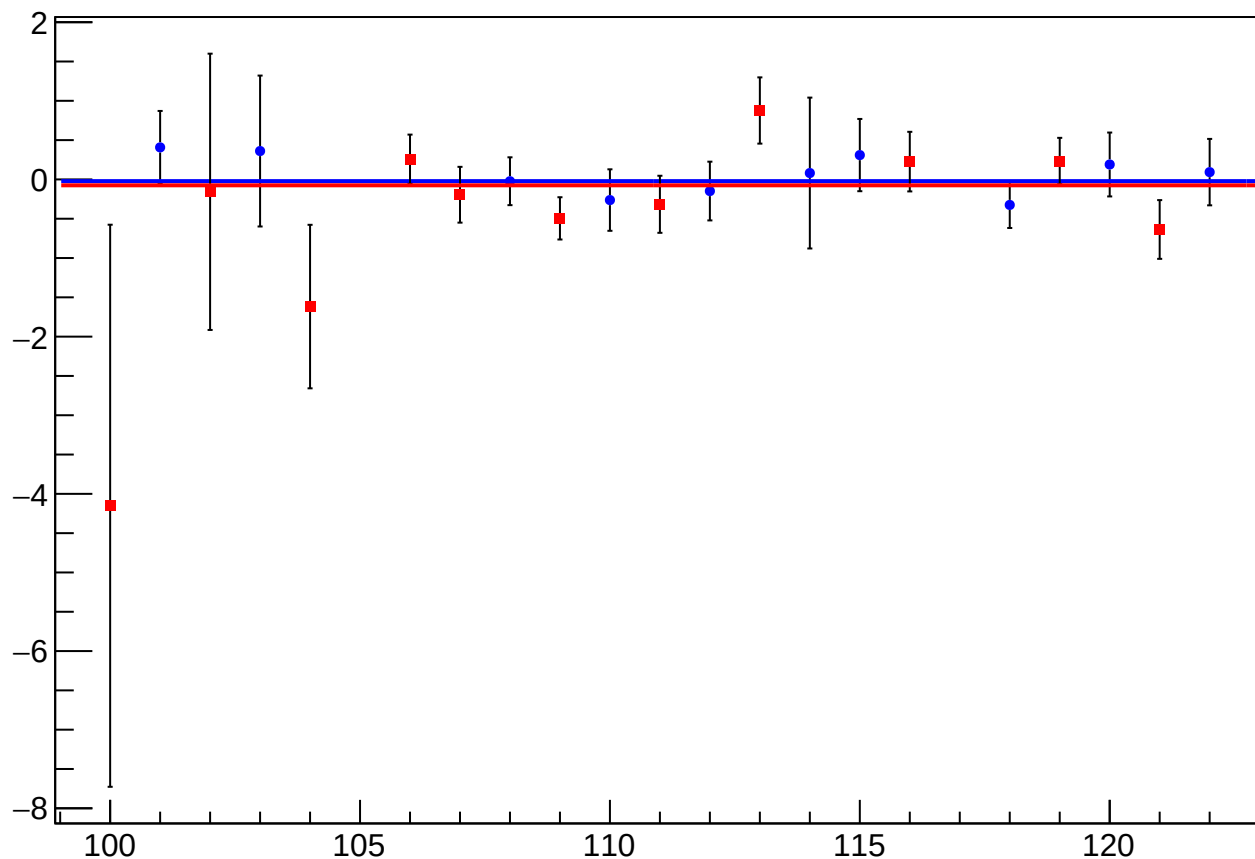
Right: 229.344+/-0.062 χ^2/NDF : 2158983.7/20

In: 244.583+/-0.092 χ^2/NDF : 821865.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.344+/-0.062 χ^2/NDF : 2158983.7/20

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.075 ± 0.118 χ^2/NDF : 16.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

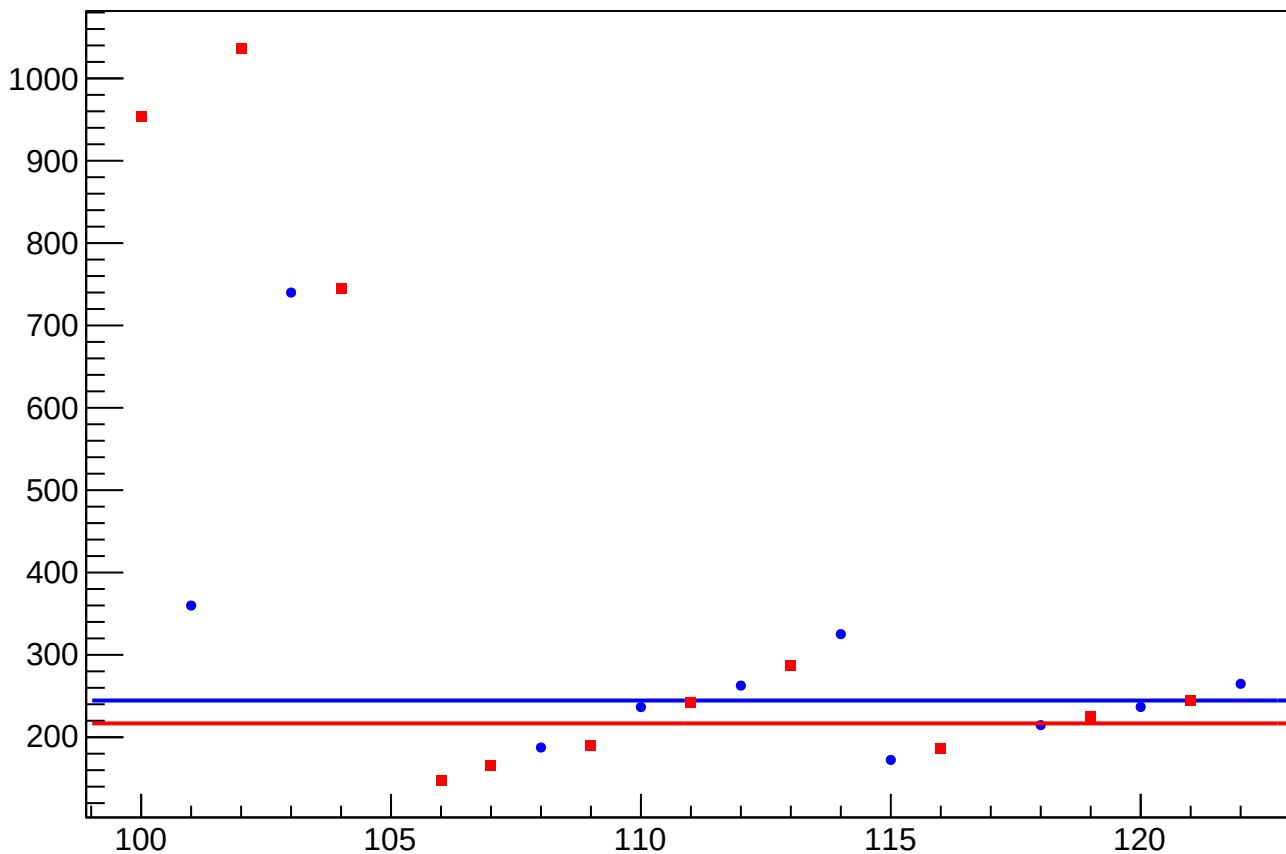
Right: -0.051 ± 0.087 χ^2/NDF : 20.3/20

In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.087 χ^2/NDF : 20.3/20

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.583+/-0.092 χ^2/NDF : 821865.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.807+/-0.083 χ^2/NDF : 1286868.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

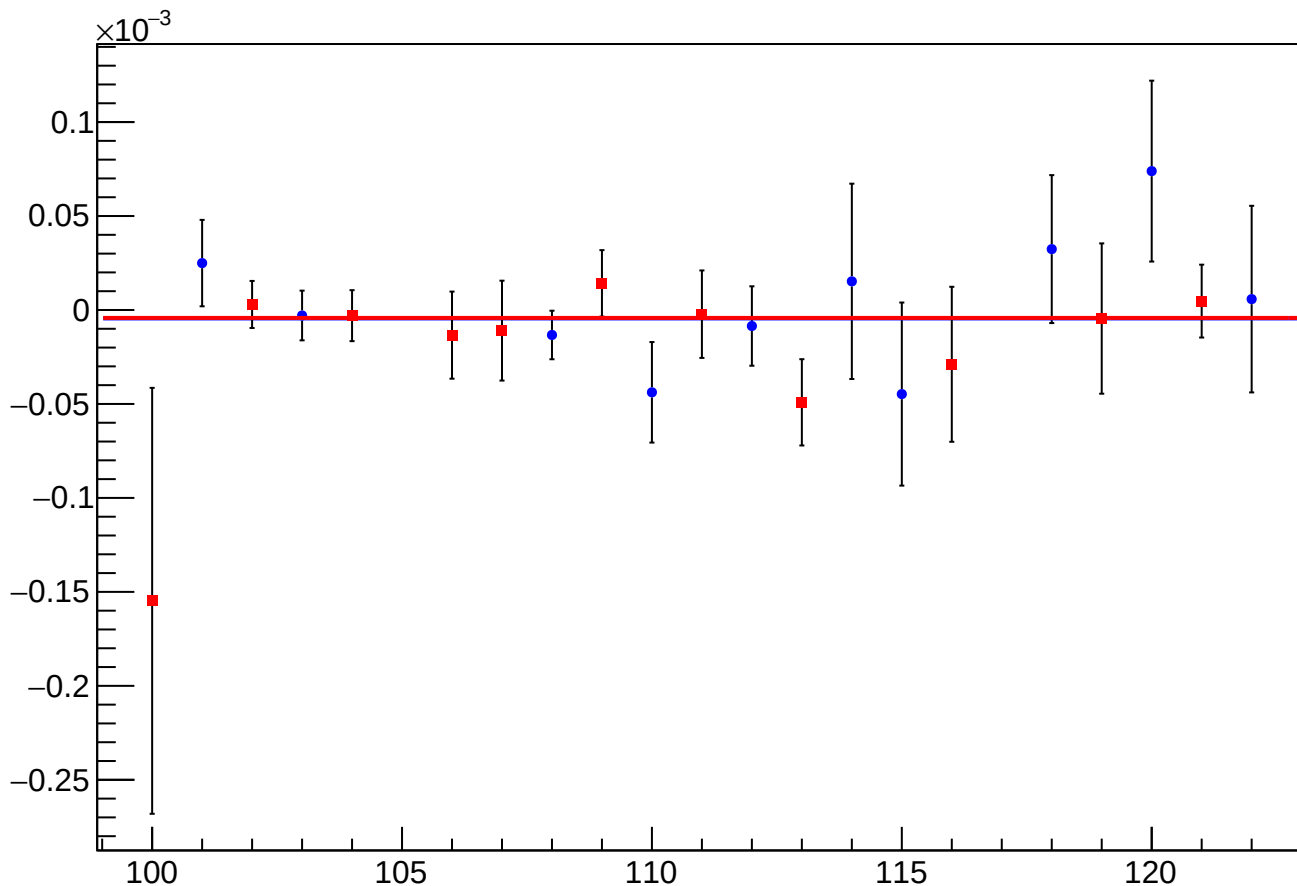
Right: 229.344+/-0.062 χ^2/NDF : 2158983.7/20

In: 244.583+/-0.092 χ^2/NDF : 821865.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.344+/-0.062 χ^2/NDF : 2158983.7/20

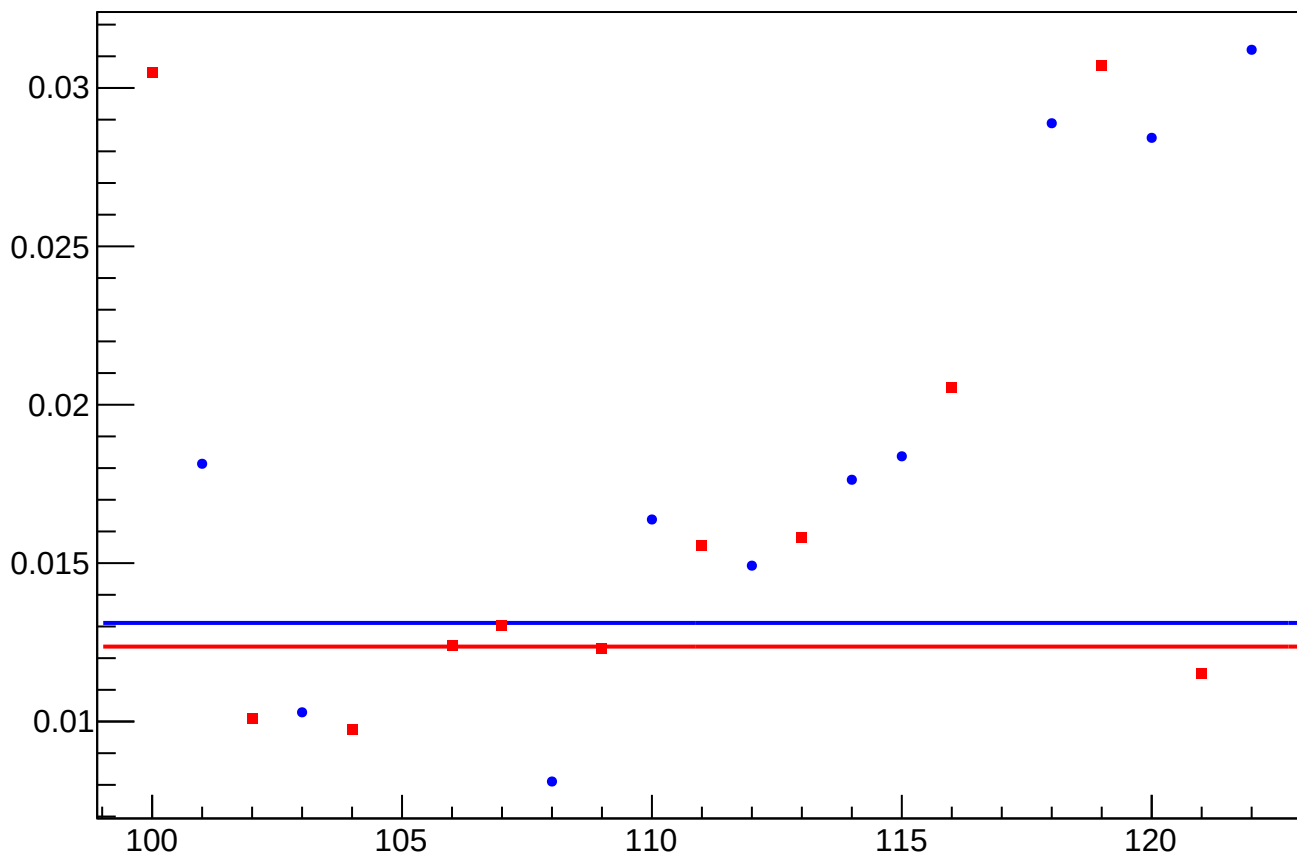
asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.7/9
 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: 16.5/20
 In: -0.000+/-0.000 χ^2 /NDF:8.7/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 16.5/20

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 : 1359266.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 778229.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

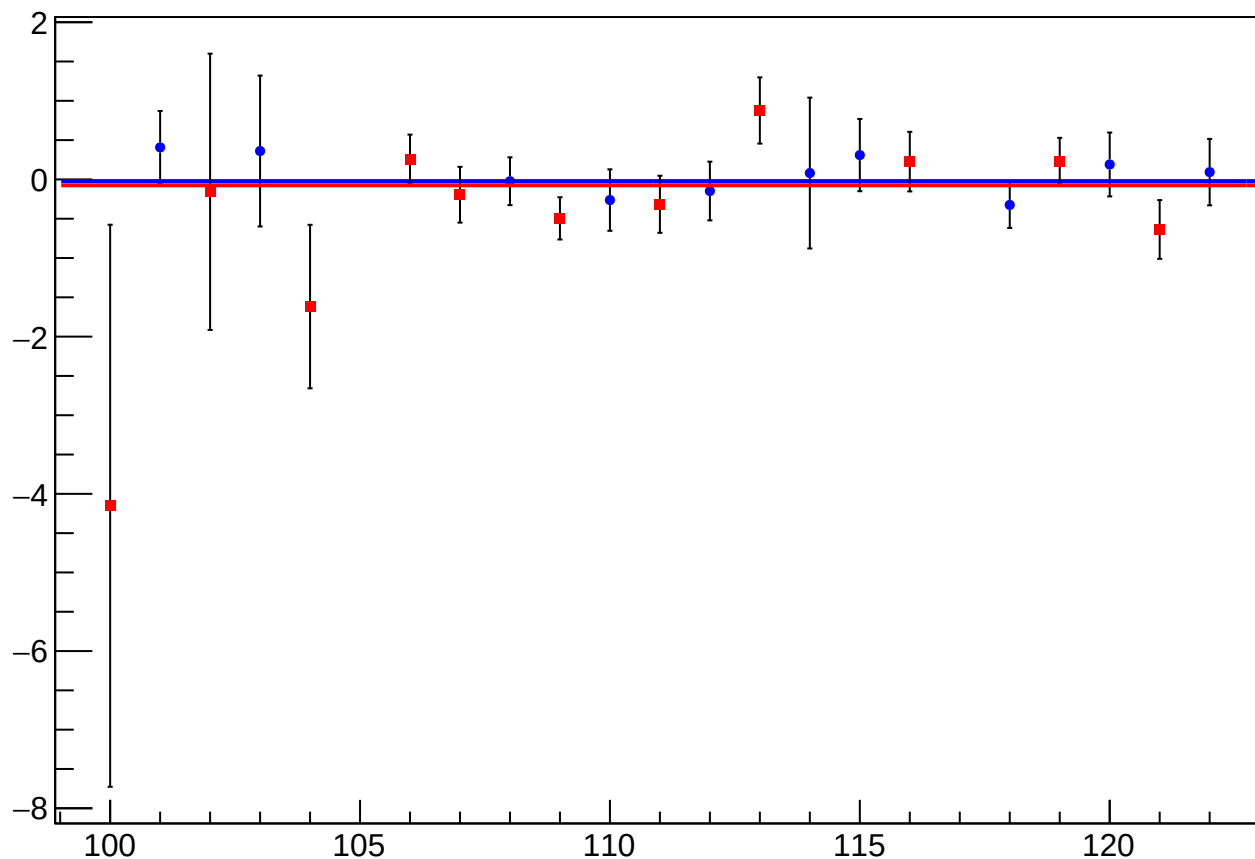
Right: 0.013+/-0.000 χ^2/NDF : 2149932.4/20

In: 0.013+/-0.000 χ^2/NDF : 1359266.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2149932.4/20

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.075 ± 0.118 χ^2/NDF : 16.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

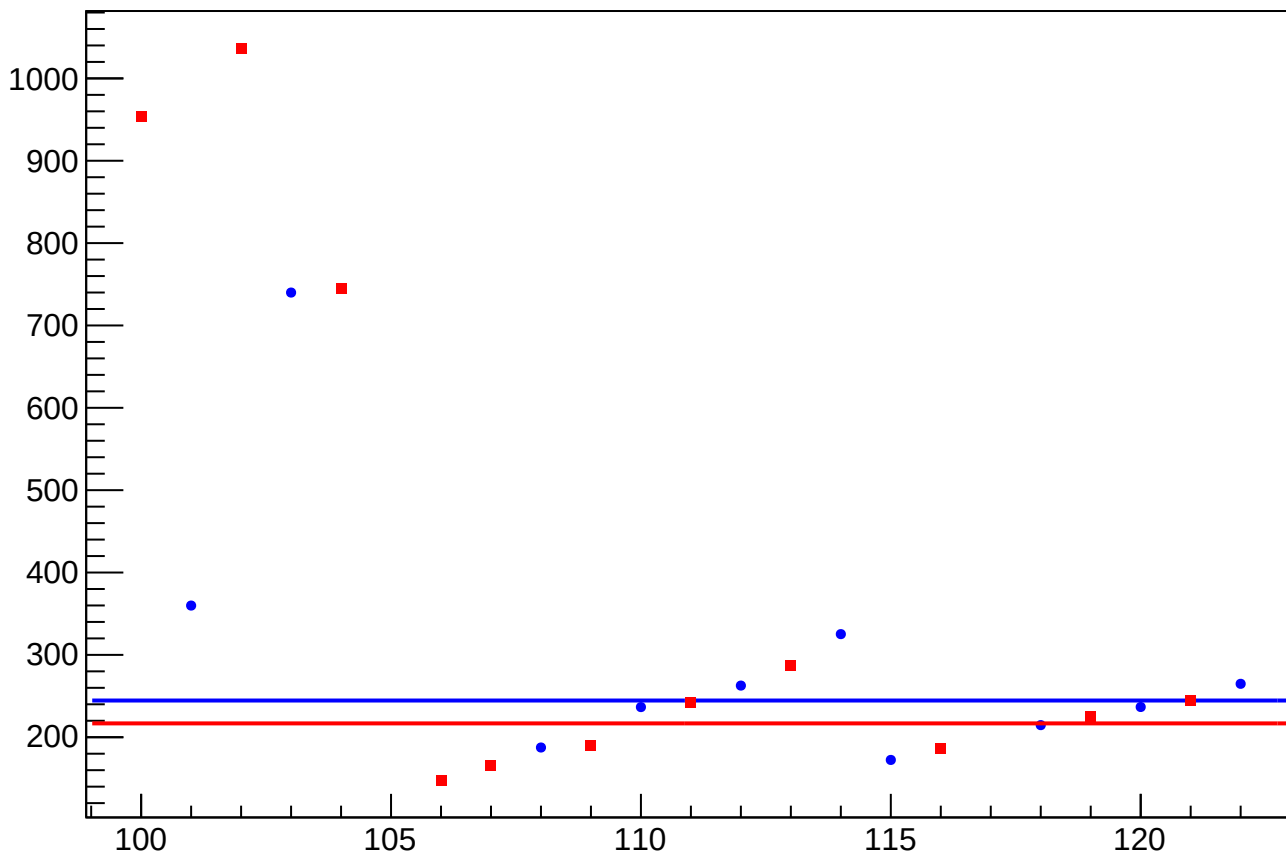
Right: -0.051 ± 0.087 χ^2/NDF : 20.3/20

In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.087 χ^2/NDF : 20.3/20

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.584+/-0.092 χ^2/NDF : 821848.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.809+/-0.083 χ^2/NDF : 1286867.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

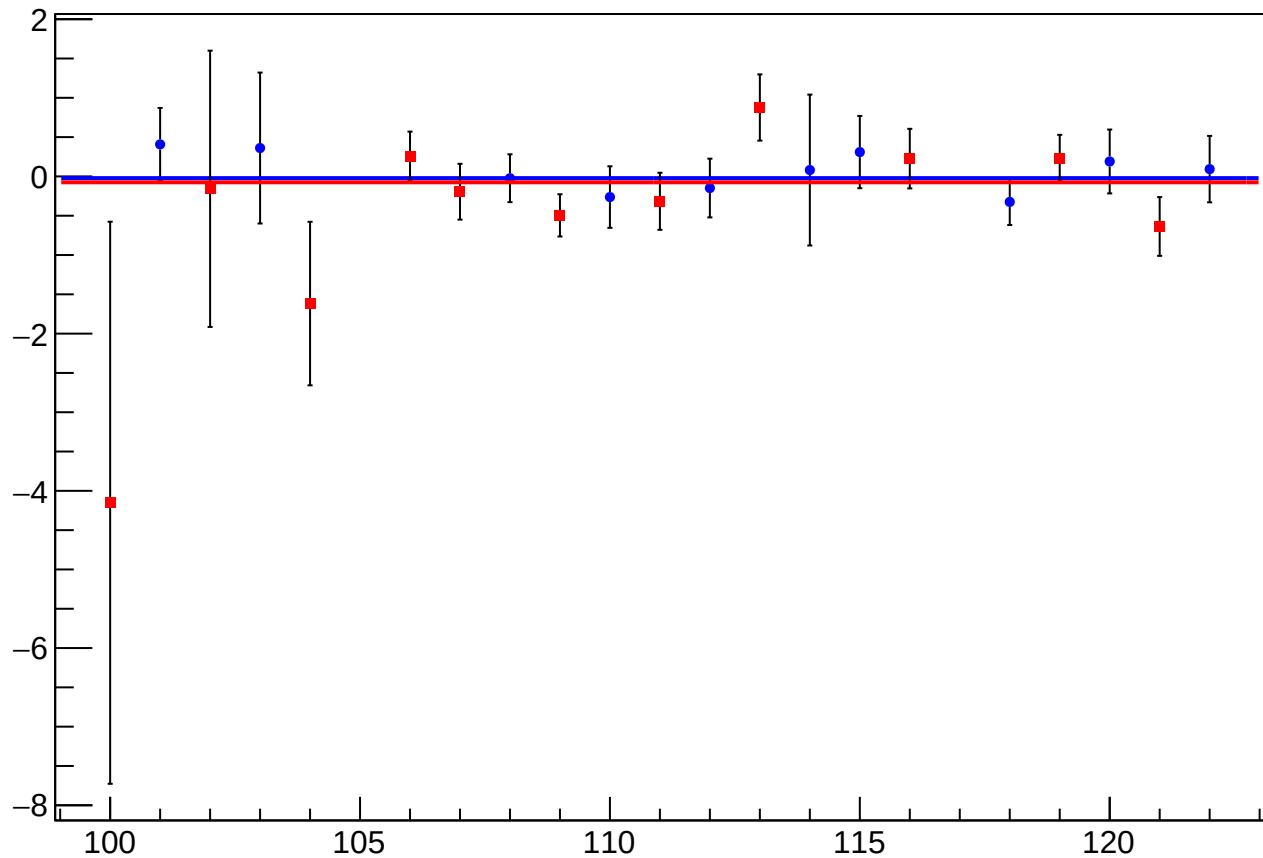
Right: 229.345+/-0.062 χ^2/NDF : 2158963.1/20

In: 244.584+/-0.092 χ^2/NDF : 821848.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.345+/-0.062 χ^2/NDF : 2158963.1/20

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.075 ± 0.118 χ^2/NDF : 16.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

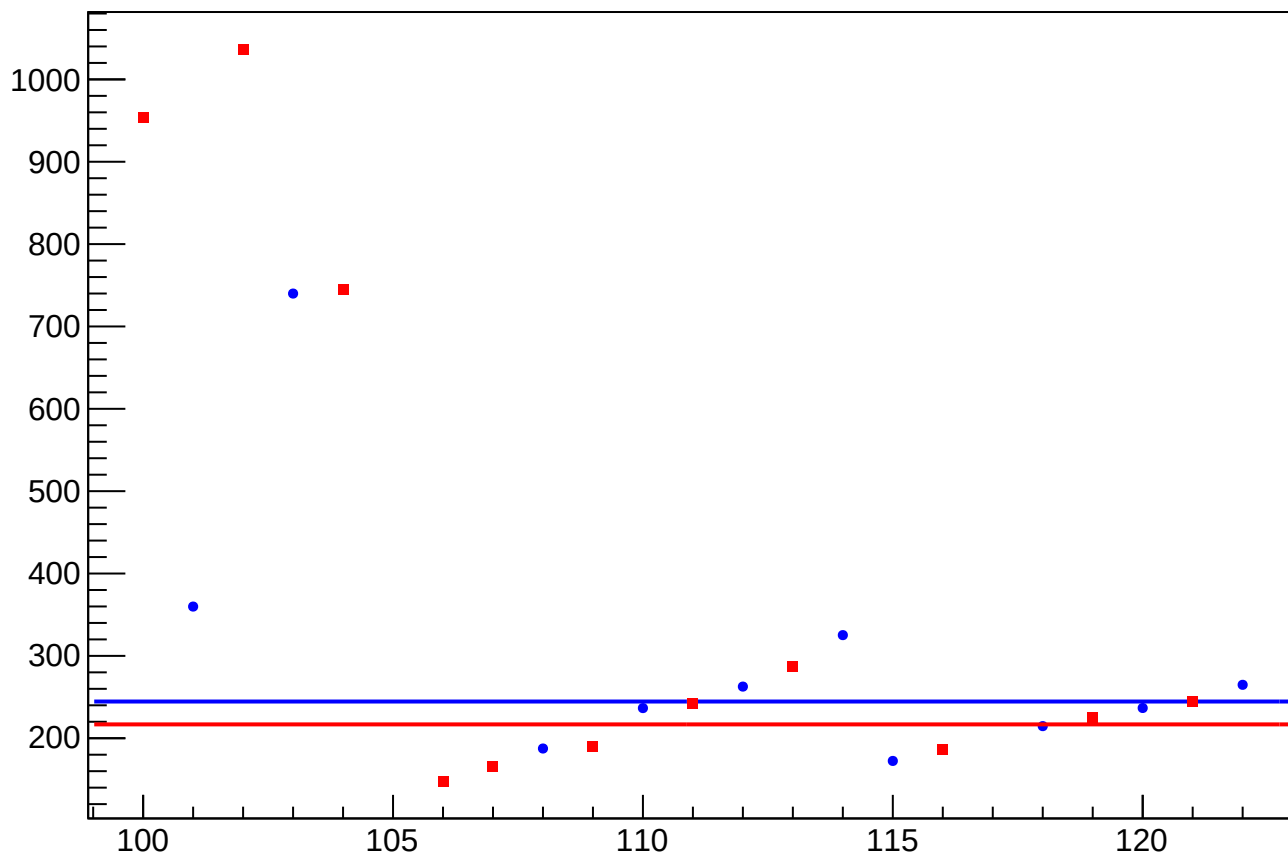
Right: -0.051 ± 0.087 χ^2/NDF : 20.3/20

In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.087 χ^2/NDF : 20.3/20

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 244.584+/-0.092 χ^2/NDF : 821848.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.809+/-0.083 χ^2/NDF : 1286867.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

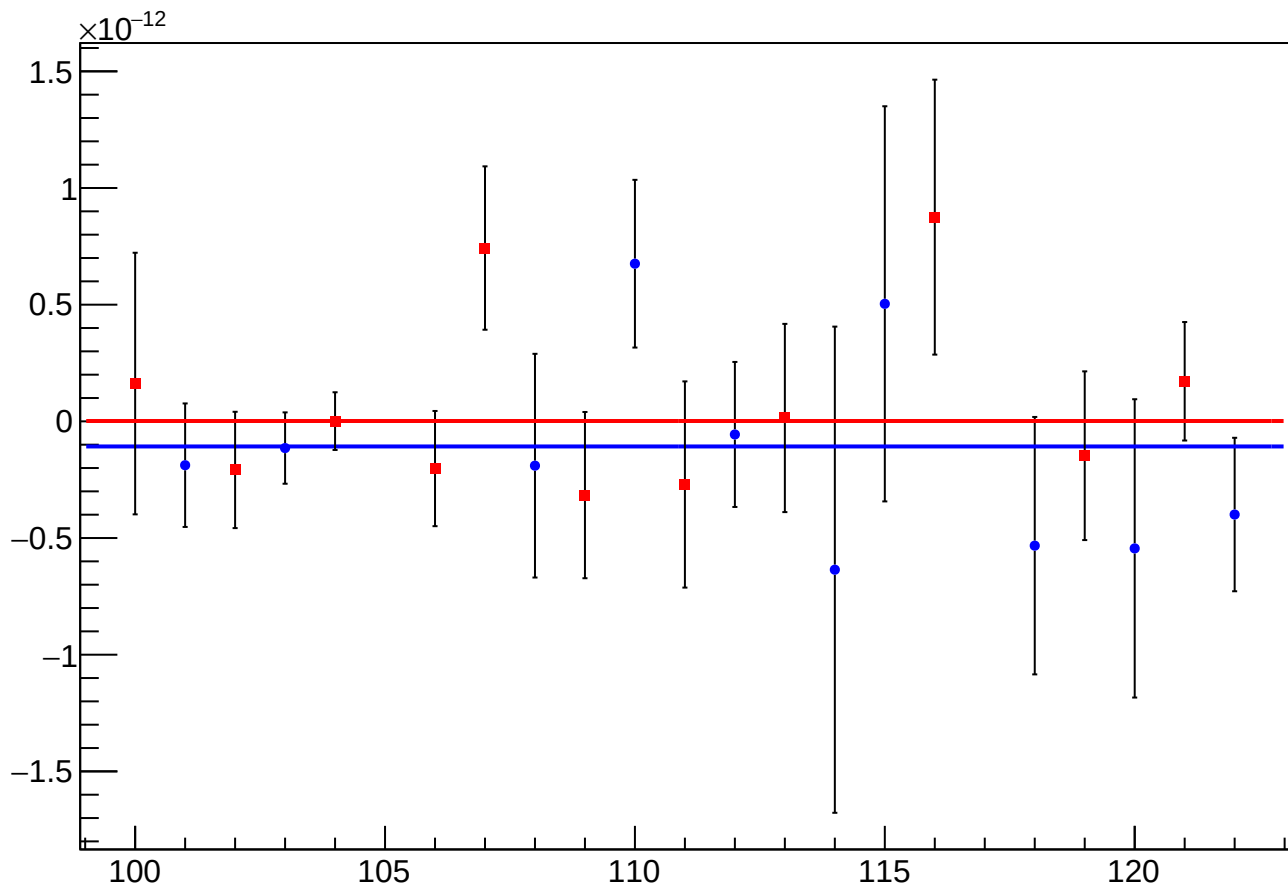
Right: 229.345+/-0.062 χ^2/NDF : 2158963.1/20

In: 244.584+/-0.092 χ^2/NDF : 821848.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.345+/-0.062 χ^2/NDF : 2158963.1/20

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 : 7.5/9

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

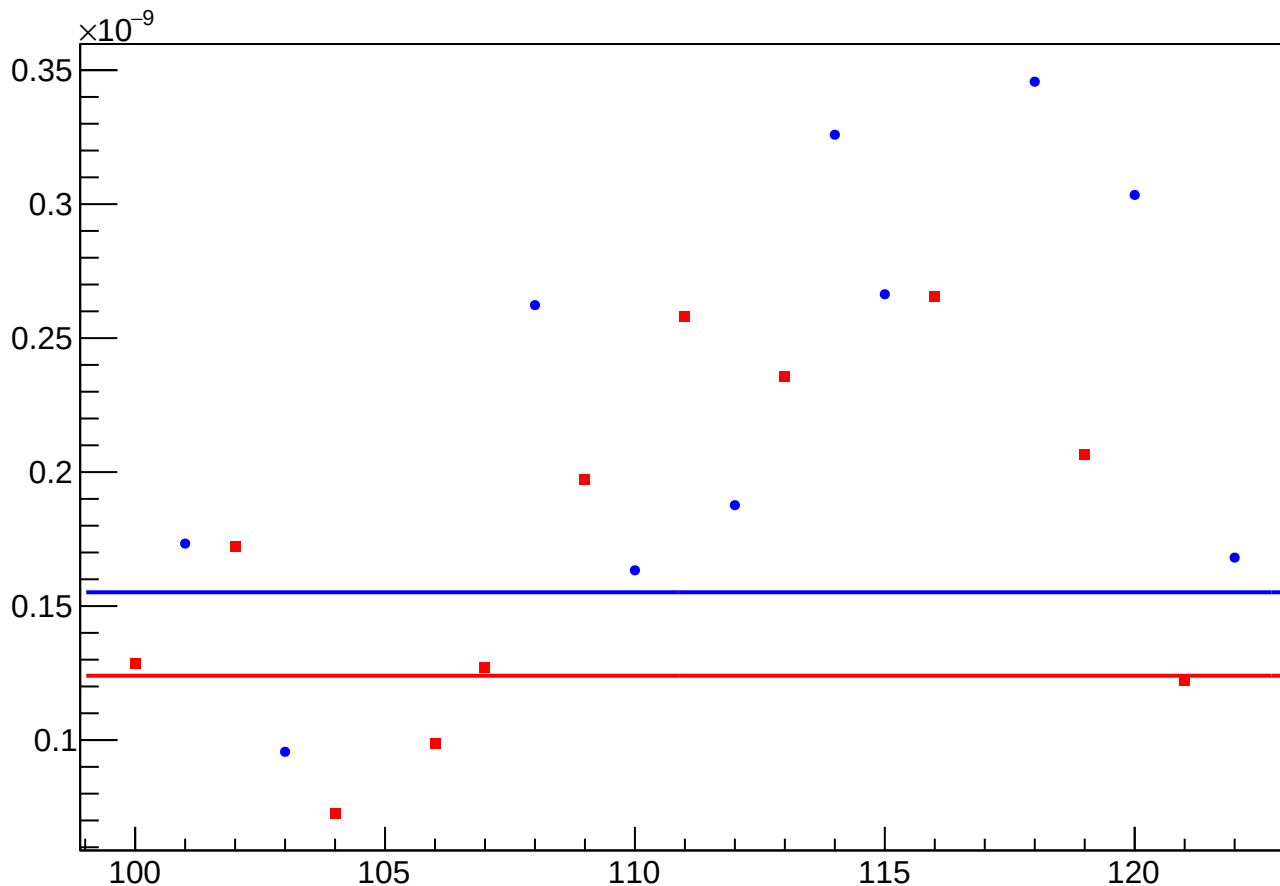
Right: -0.000 +/- 0.000 χ^2/NDF : 18.2/20

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 : 18.2/20

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 : 873161.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1083803.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

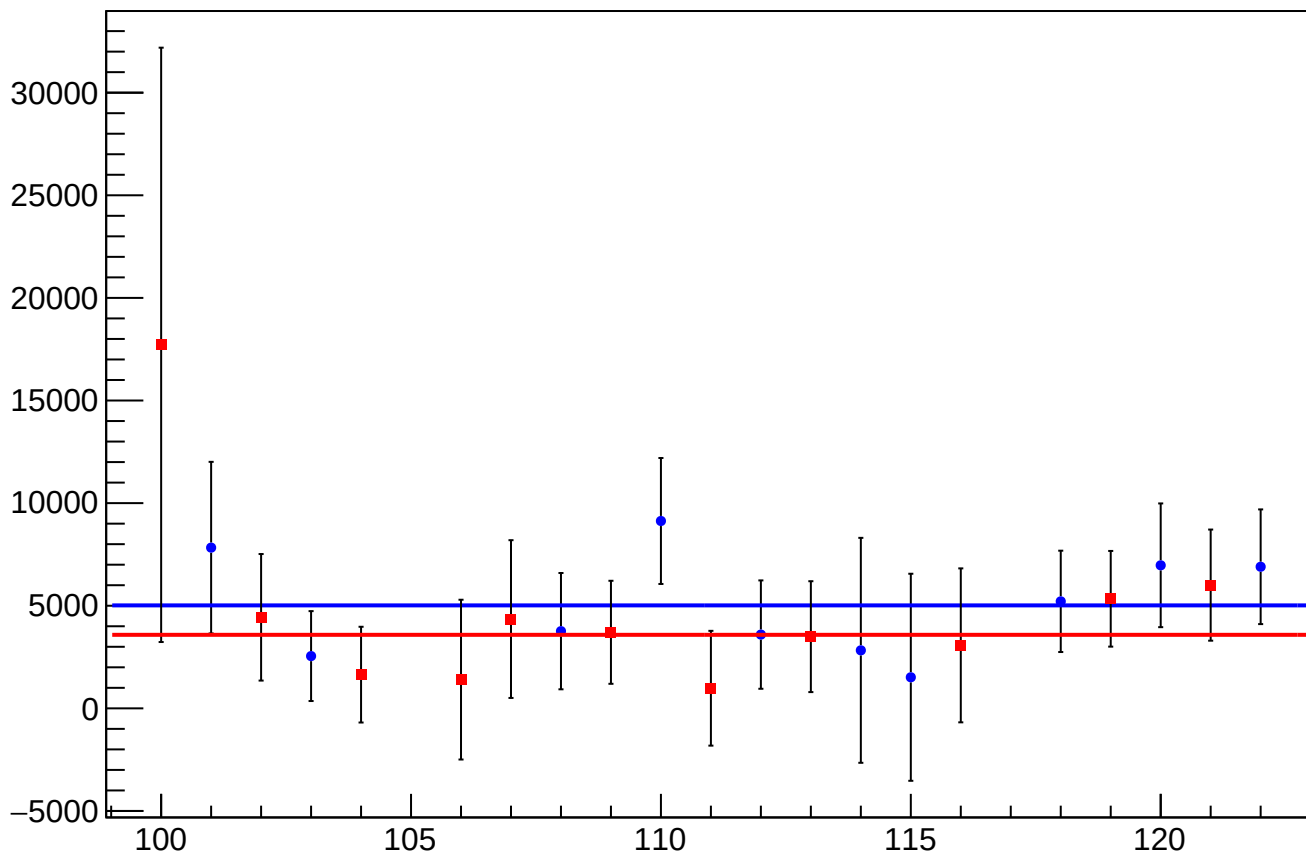
Right: 0.000+/-0.000 χ^2/NDF : 2072457.2/20

In: 0.000+/-0.000 χ^2/NDF : 873161.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2072457.2/20

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5017.225+/-947.197 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3582.902+/-897.096 χ^2/NDF : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

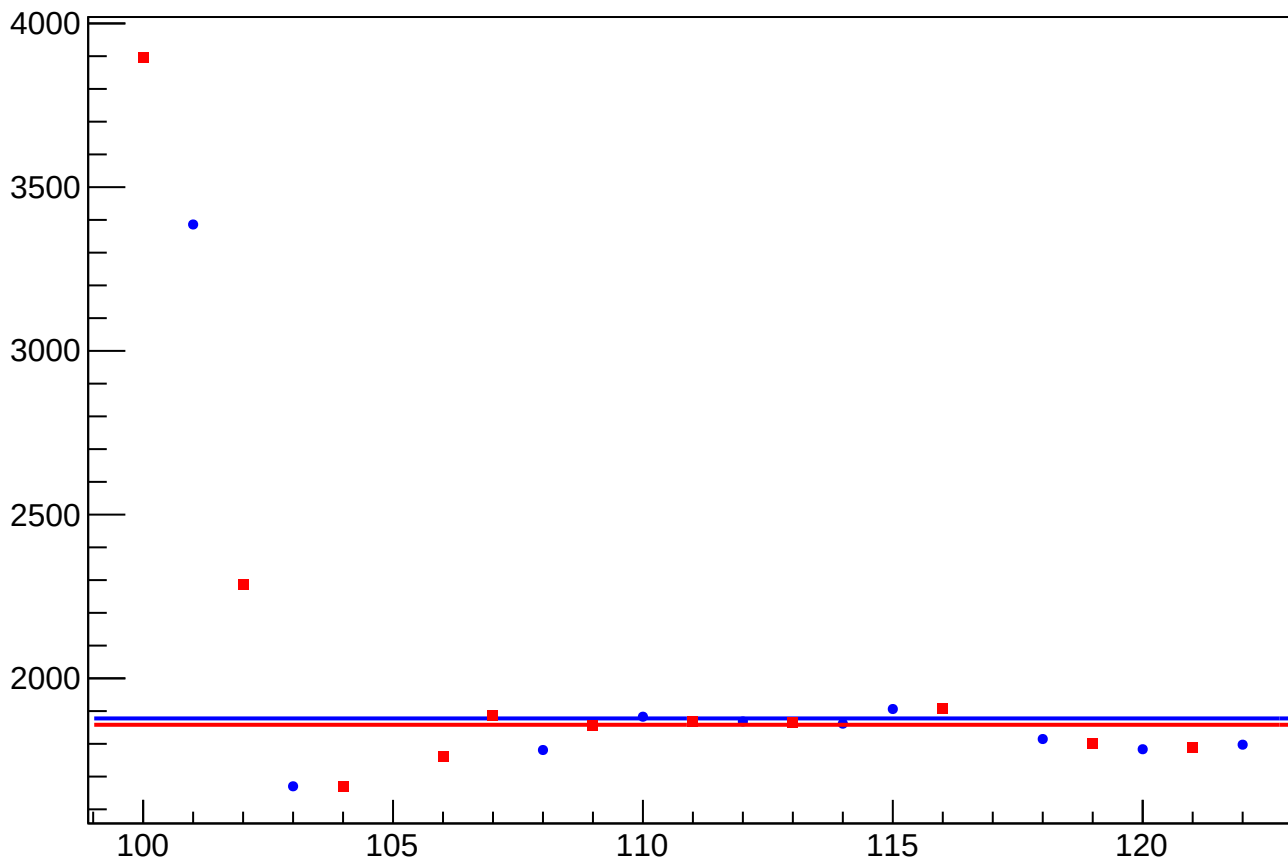
Right: 4261.128+/-651.334 χ^2/NDF : 11.1/20

In: 5017.225+/-947.197 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4261.128+/-651.334 χ^2/NDF : 11.1/20

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1877.584+/-0.670 χ^2/NDF : 285647.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1858.172+/-0.631 χ^2/NDF : 95767.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

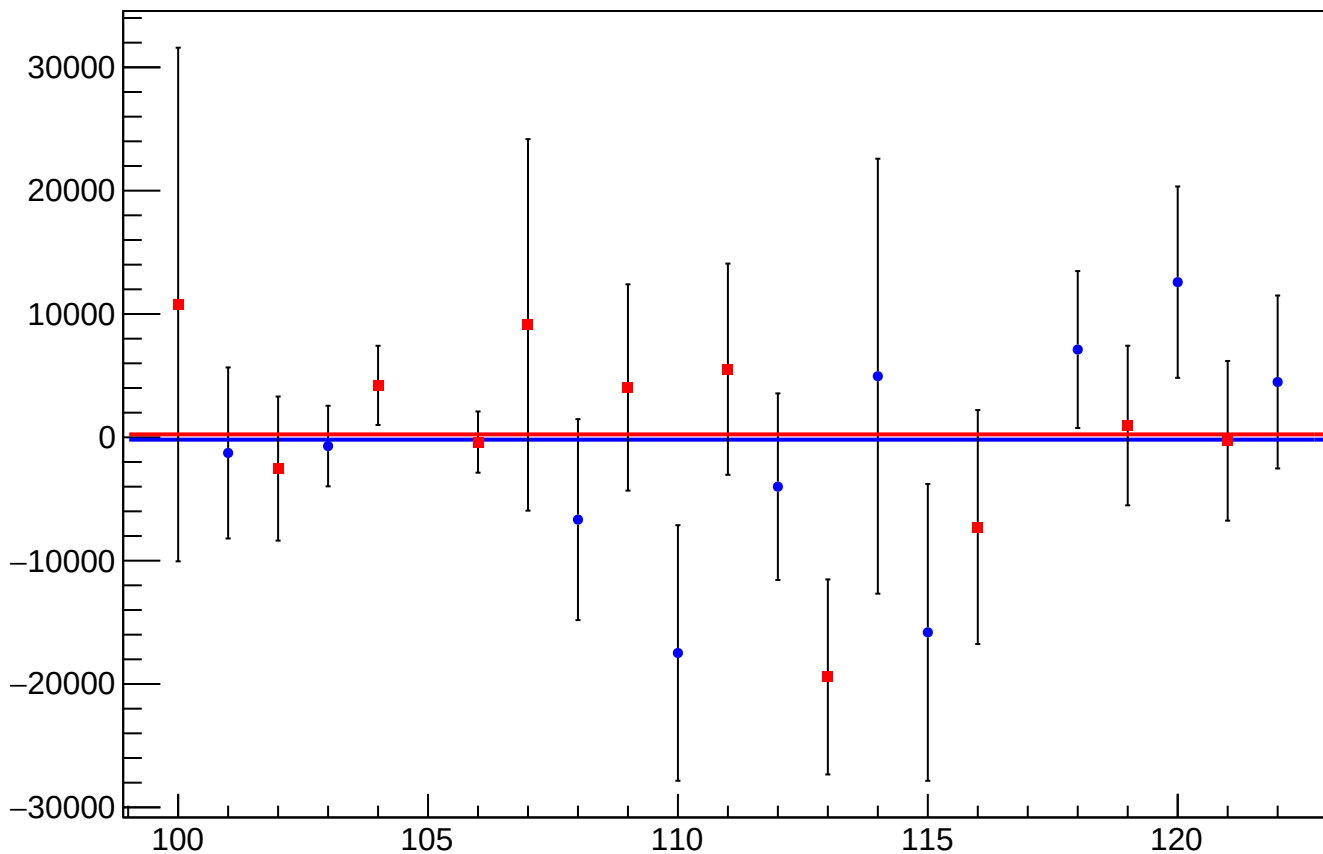
Right: 1867.302+/-0.459 χ^2/NDF : 381860.0/20

In: 1877.584+/-0.670 χ^2/NDF : 285647.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.302+/-0.459 χ^2/NDF : 381860.0/20

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -188.305+/-2093.865 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 238.251+/-1584.510 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

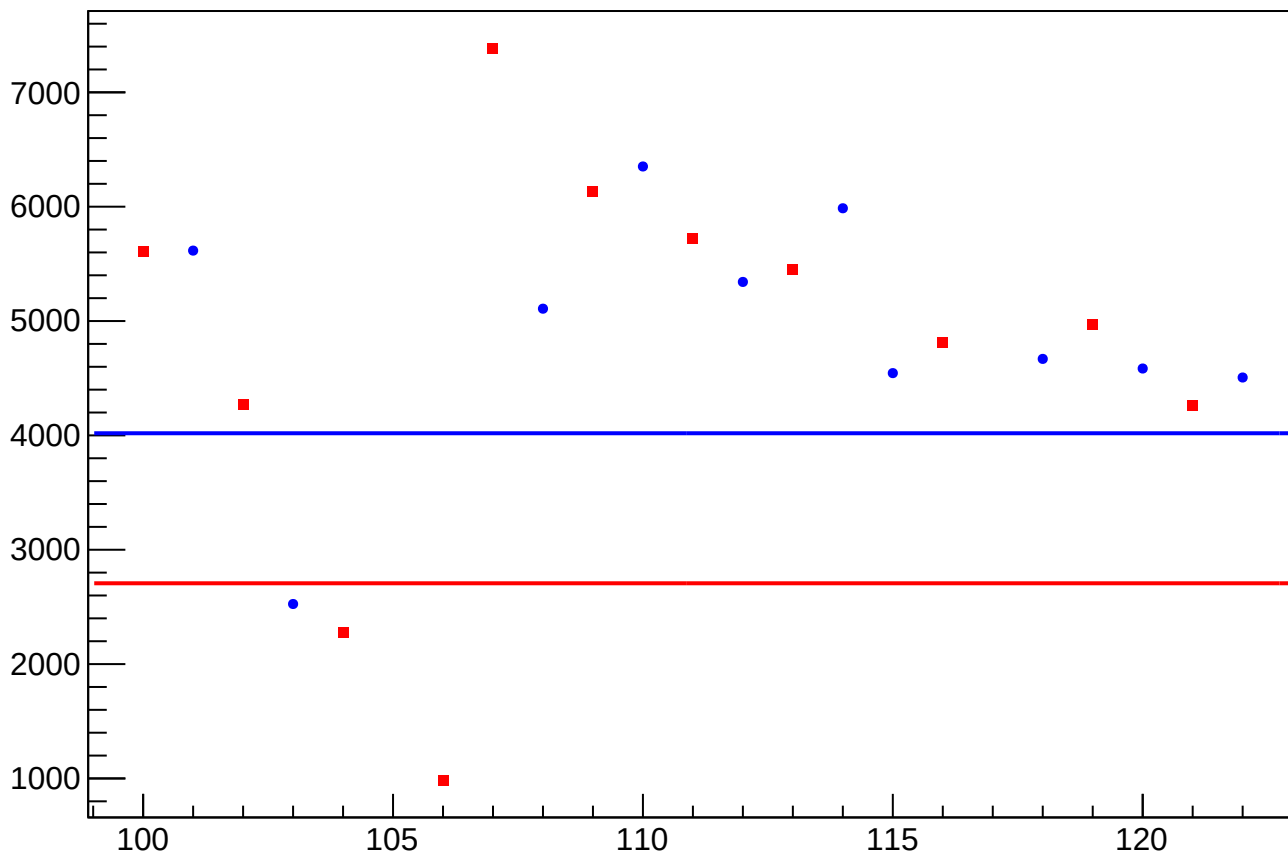
Right: 82.928+/-1263.509 χ^2/NDF : 19.8/20

In: -188.305+/-2093.865 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 82.928+/-1263.509 χ^2/NDF : 19.8/20

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4018.717+/-1.481 χ^2/NDF : 791990.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2706.769+/-1.120 χ^2/NDF : 2660163.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

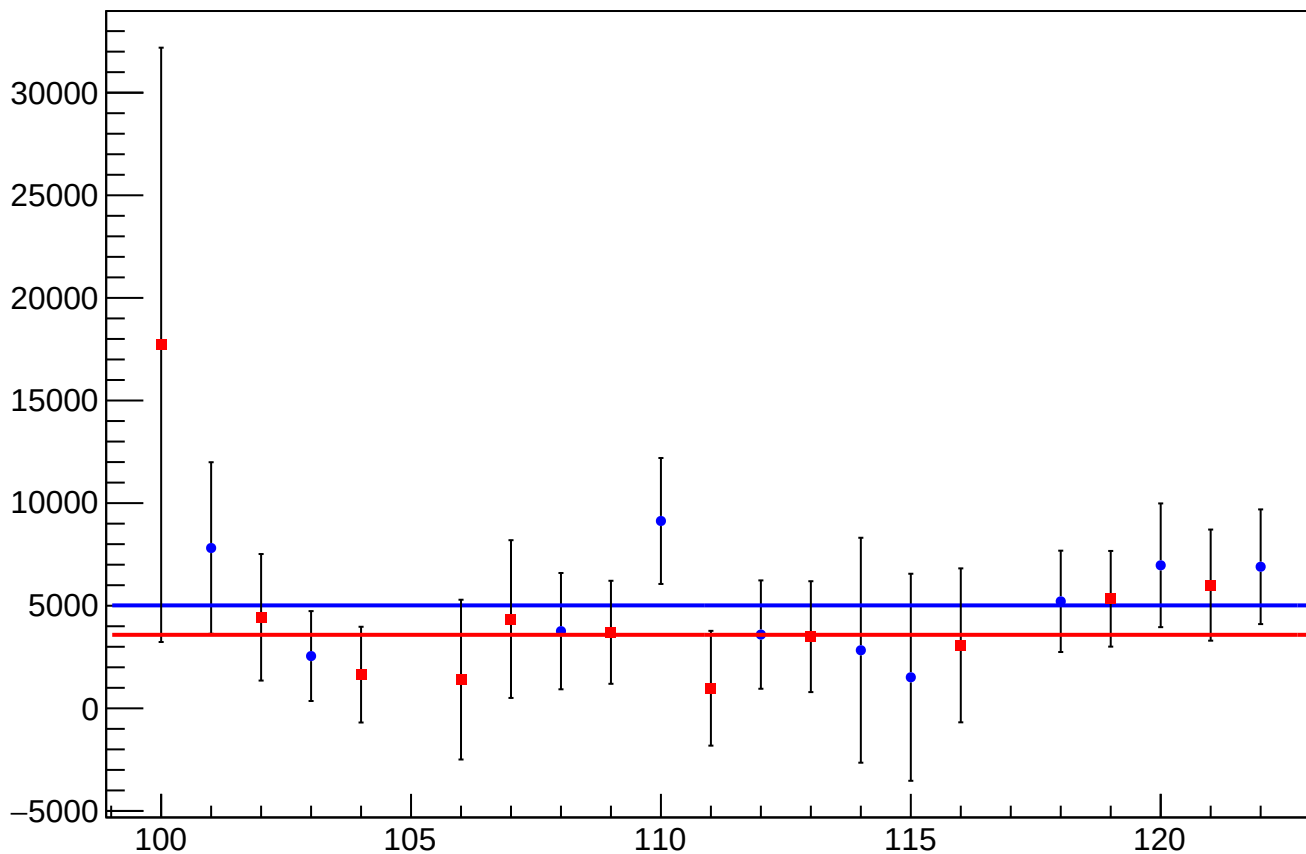
Right: 3184.491+/-0.893 χ^2/NDF : 3951421.9/20

In: 4018.717+/-1.481 χ^2/NDF : 791990.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3184.491+/-0.893 χ^2/NDF : 3951421.9/20

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5016.527+/-947.197 χ^2 /NDF: 5.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3582.576+/-897.096 χ^2 /NDF: 4.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

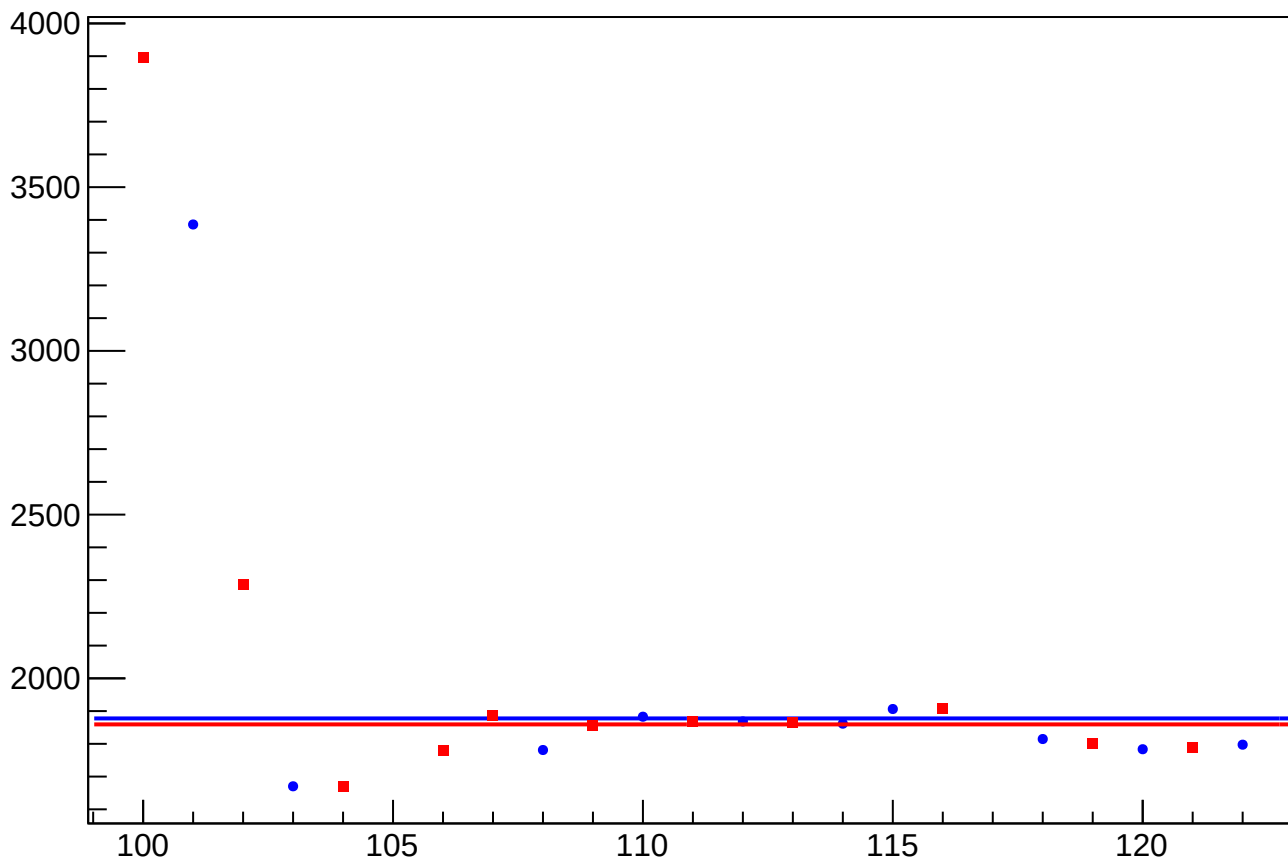
Right: 4260.626+/-651.335 χ^2 /NDF: 11.1/20

In: 5016.527+/-947.197 χ^2 /NDF:5.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4260.626+/-651.335 χ^2 /NDF: 11.1/20

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1877.584+/-0.670 χ^2/NDF : 285649.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1859.347+/-0.631 χ^2/NDF : 95268.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

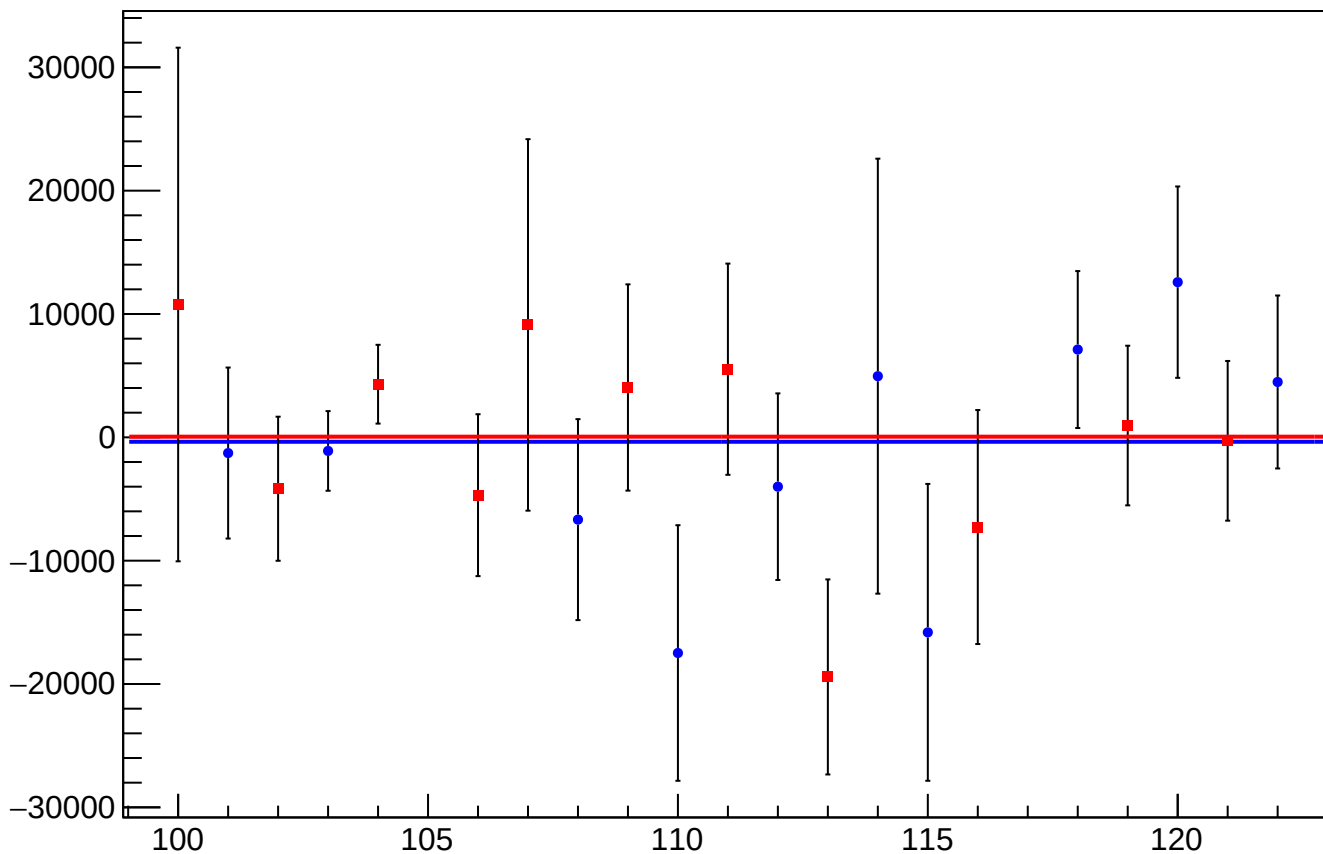
Right: 1867.929+/-0.459 χ^2/NDF : 381310.2/20

In: 1877.584+/-0.670 χ^2/NDF : 285649.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.929+/-0.459 χ^2/NDF : 381310.2/20

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -358.416+/-2083.347 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.236+/-1960.864 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

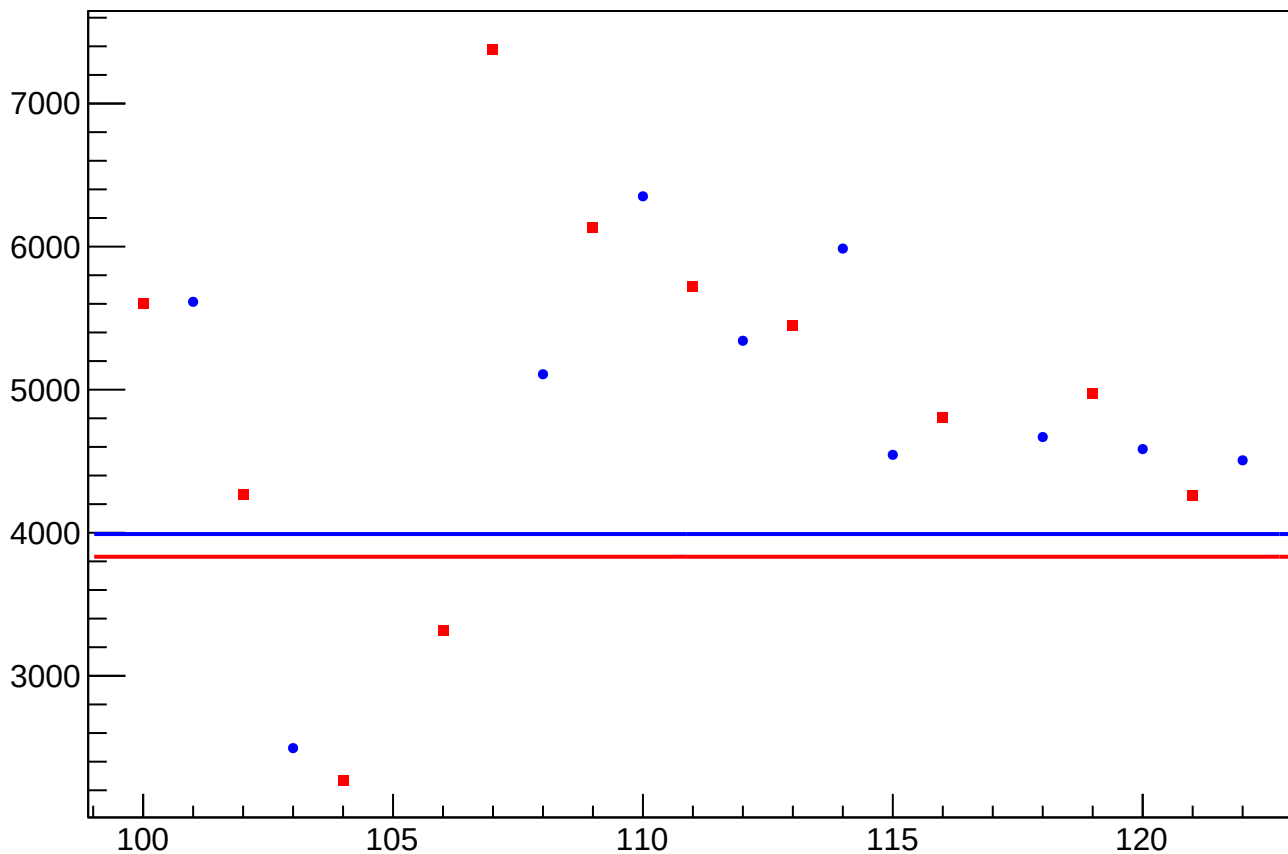
Right: -139.604+/-1427.878 χ^2/NDF : 20.8/20

In: -358.416+/-2083.347 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -139.604+/-1427.878 χ^2/NDF : 20.8/20

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3990.902+/-1.473 χ^2/NDF : 819582.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3832.369+/-1.387 χ^2/NDF : 1052651.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

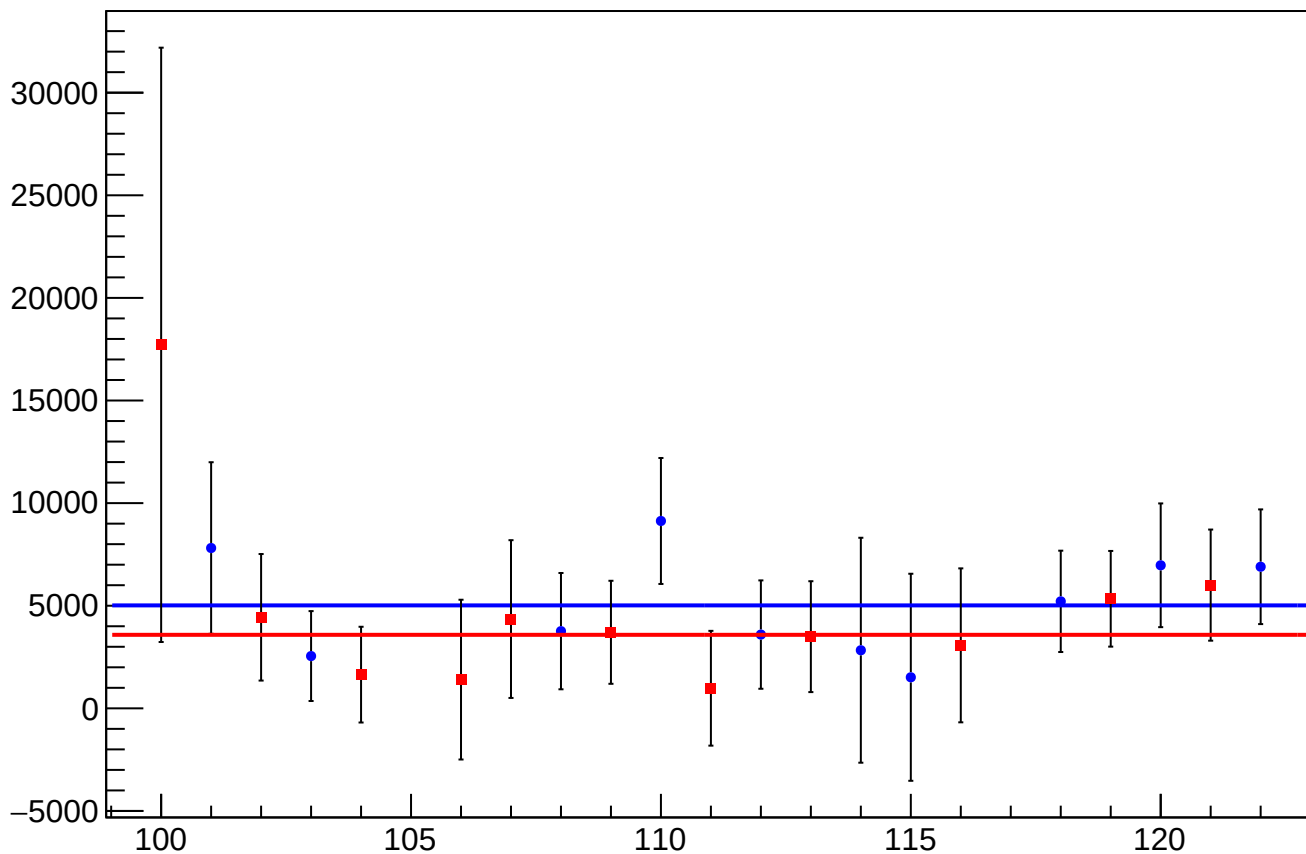
Right: 3906.839+/-1.010 χ^2/NDF : 1878374.6/20

In: 3990.902+/-1.473 χ^2/NDF : 819582.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3906.839+/-1.010 χ^2/NDF : 1878374.6/20

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5016.527+/-947.197 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3582.576+/-897.096 χ^2/NDF : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

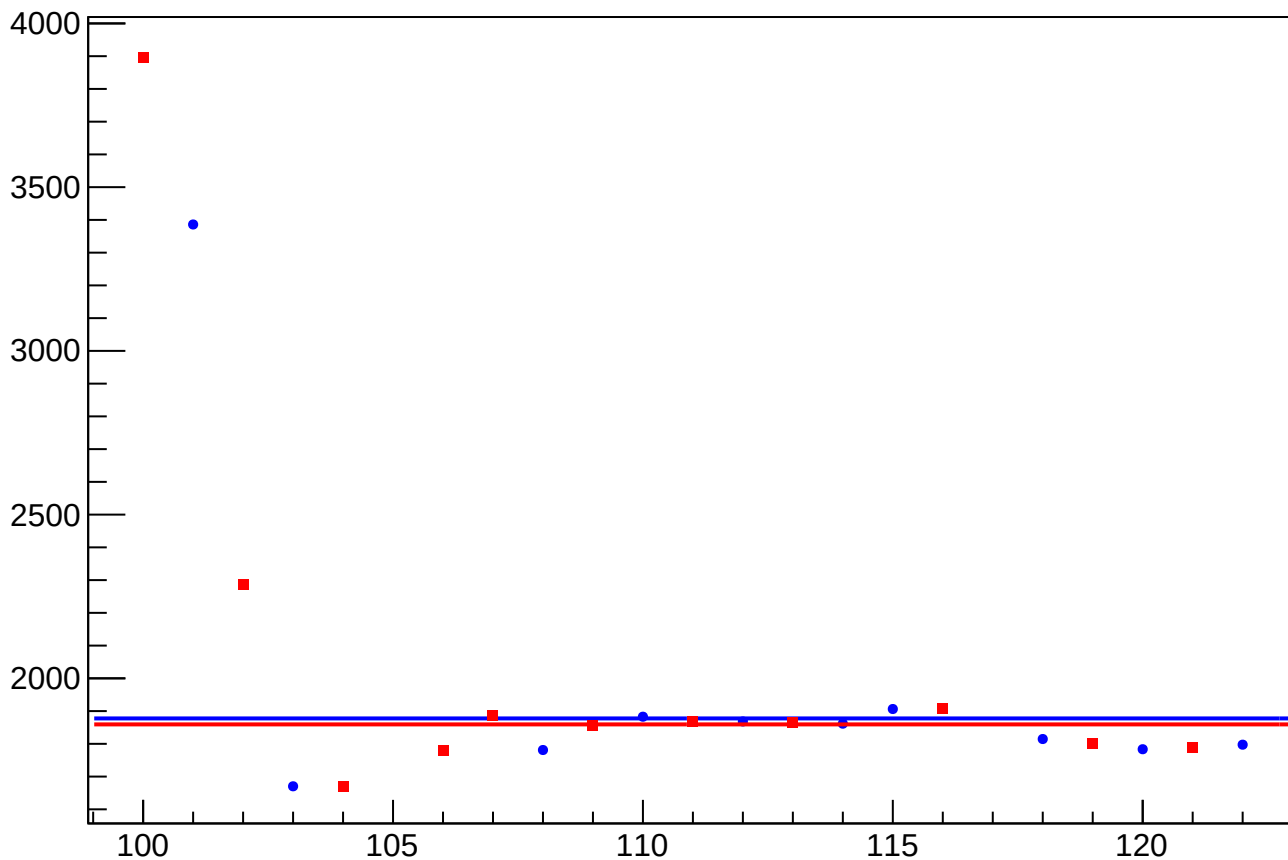
Right: 4260.626+/-651.335 χ^2/NDF : 11.1/20

In: 5016.527+/-947.197 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4260.626+/-651.335 χ^2/NDF : 11.1/20

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1877.584+/-0.670 χ^2/NDF : 285649.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1859.347+/-0.631 χ^2/NDF : 95268.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

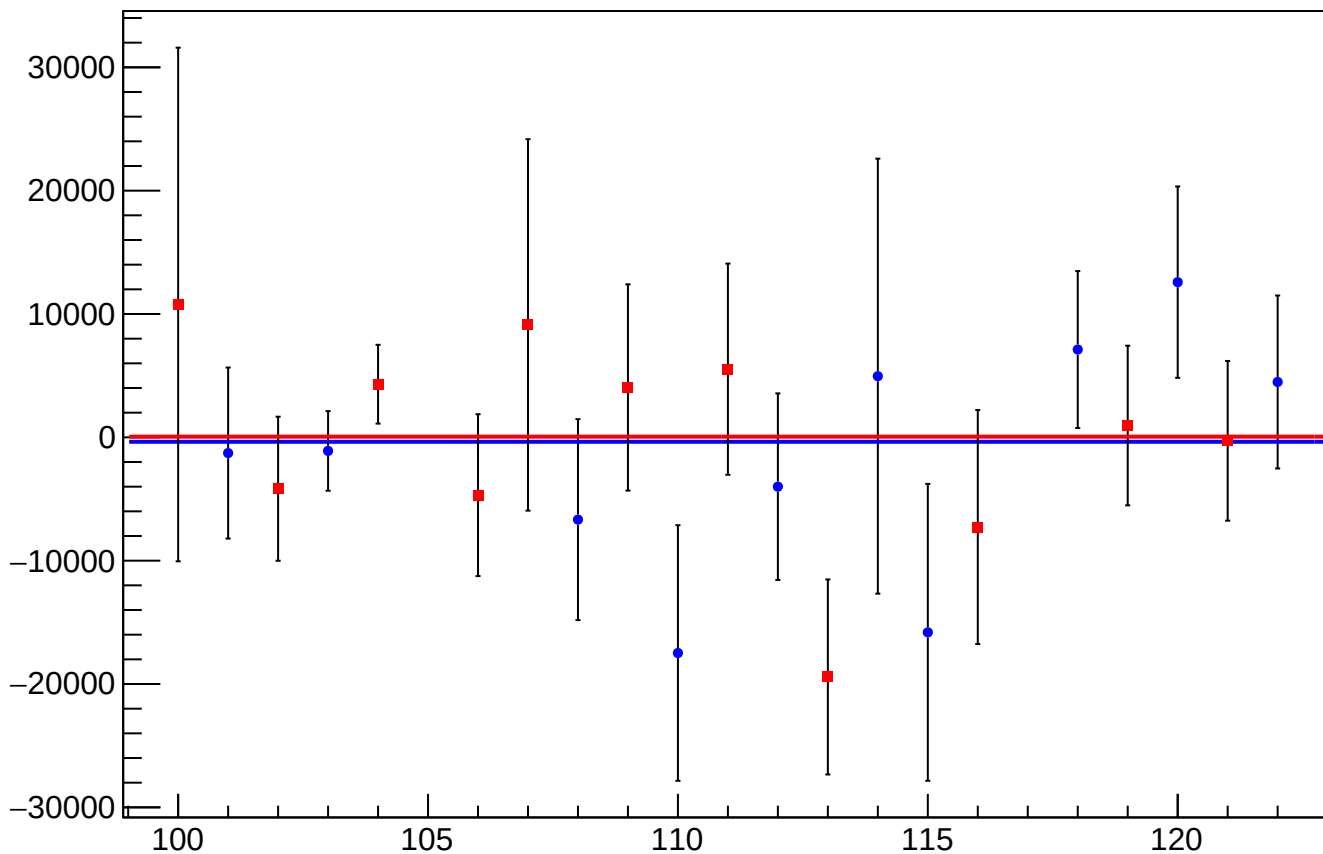
Right: 1867.929+/-0.459 χ^2/NDF : 381310.2/20

In: 1877.584+/-0.670 χ^2/NDF : 285649.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.929+/-0.459 χ^2/NDF : 381310.2/20

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -358.416+/-2083.347 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.236+/-1960.864 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

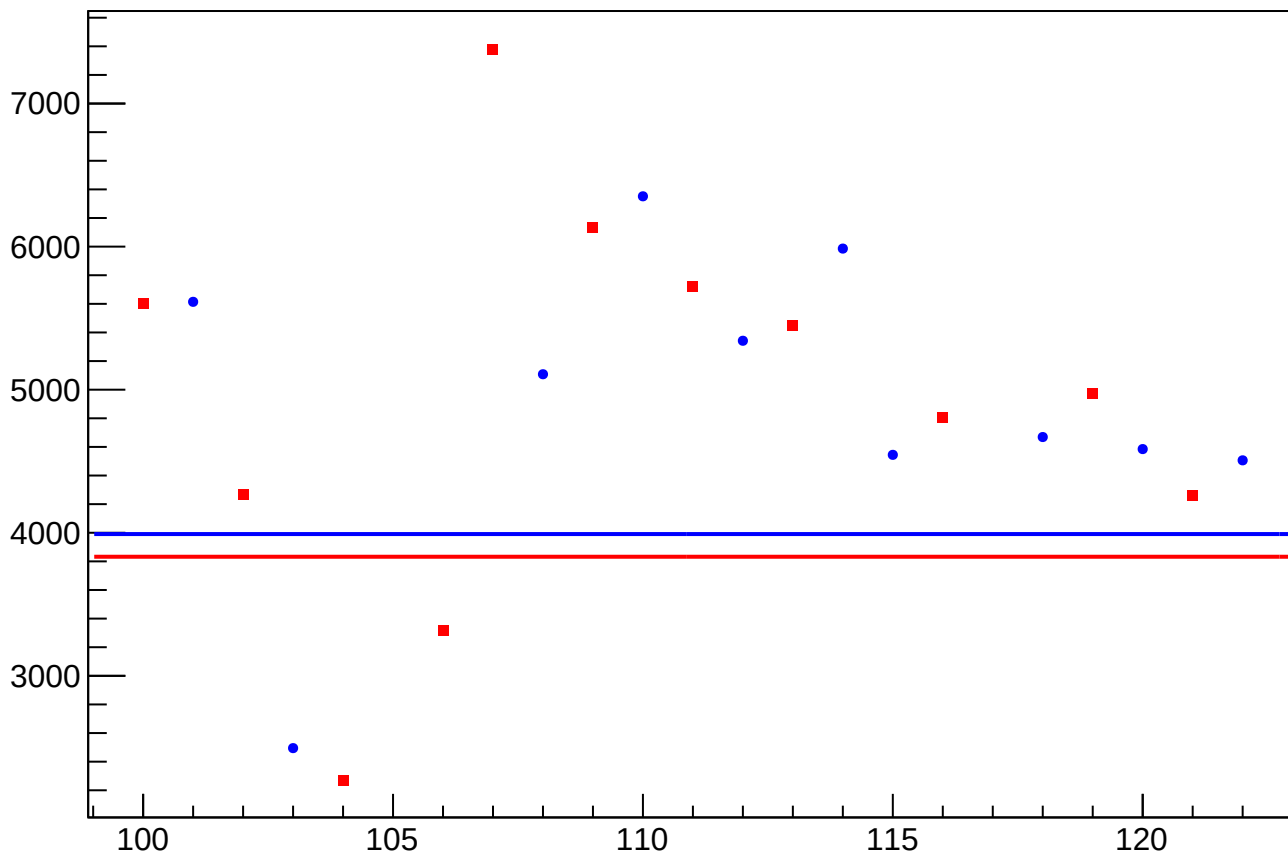
Right: -139.604+/-1427.878 χ^2/NDF : 20.8/20

In: -358.416+/-2083.347 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.604+/-1427.878 χ^2/NDF : 20.8/20

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3990.902+/-1.473 χ^2/NDF : 819582.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3832.369+/-1.387 χ^2/NDF : 1052651.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

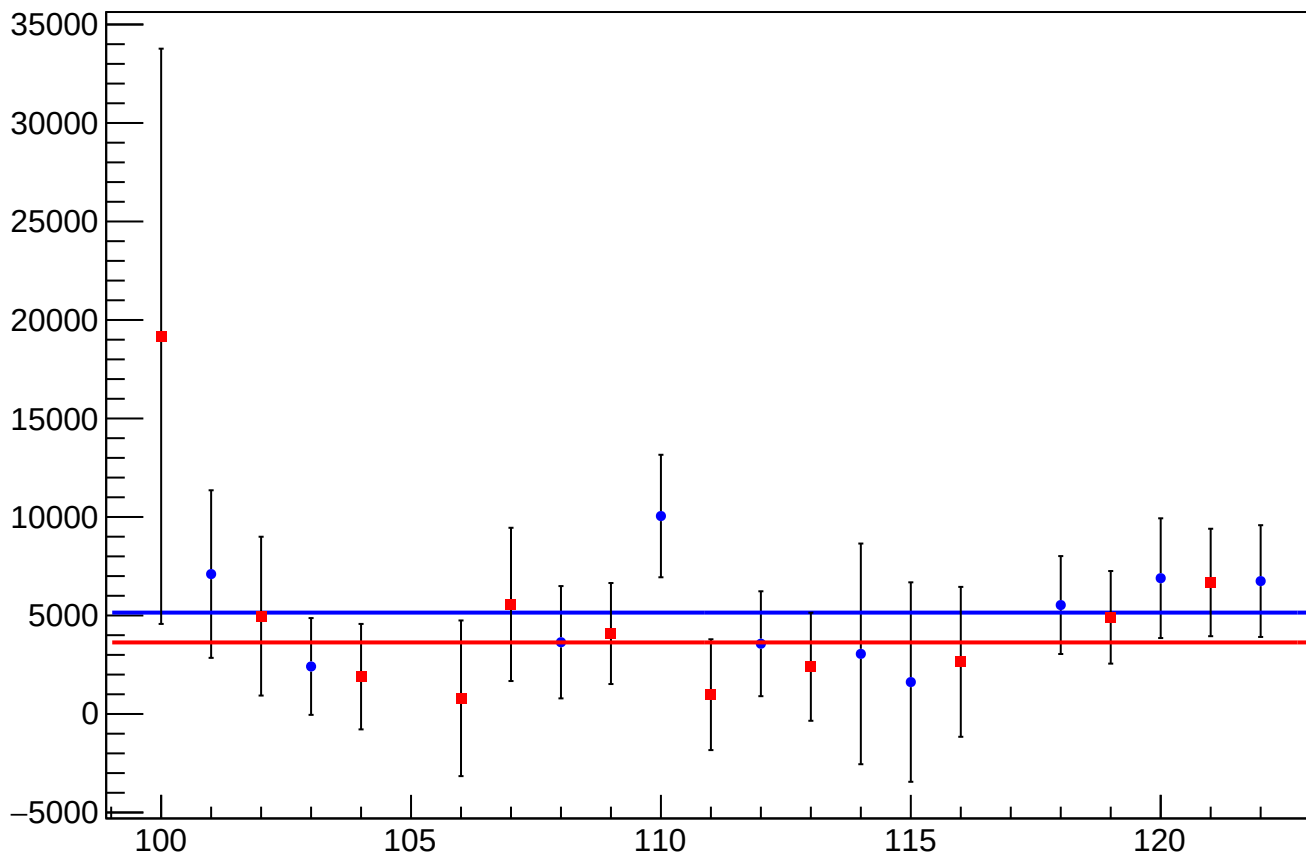
Right: 3906.839+/-1.010 χ^2/NDF : 1878374.6/20

In: 3990.902+/-1.473 χ^2/NDF : 819582.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3906.839+/-1.010 χ^2/NDF : 1878374.6/20

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5146.220+/-974.066 χ^2/NDF : 5.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3631.929+/-939.901 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

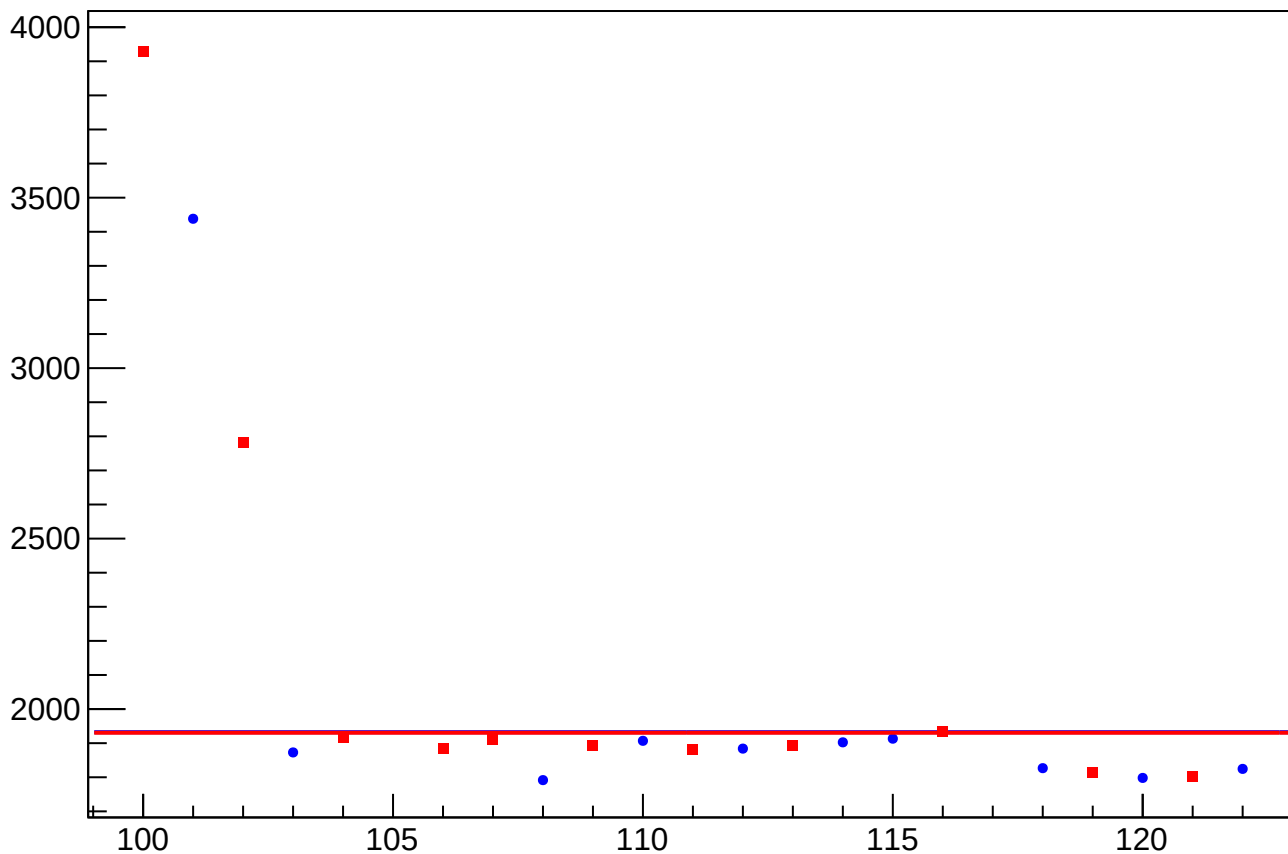
Right: 4362.052+/-676.366 χ^2/NDF : 12.3/20

In: 5146.220+/-974.066 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4362.052+/-676.366 χ^2/NDF : 12.3/20

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1932.231+/-0.689 χ^2/NDF : 268006.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1930.617+/-0.663 χ^2/NDF : 137768.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

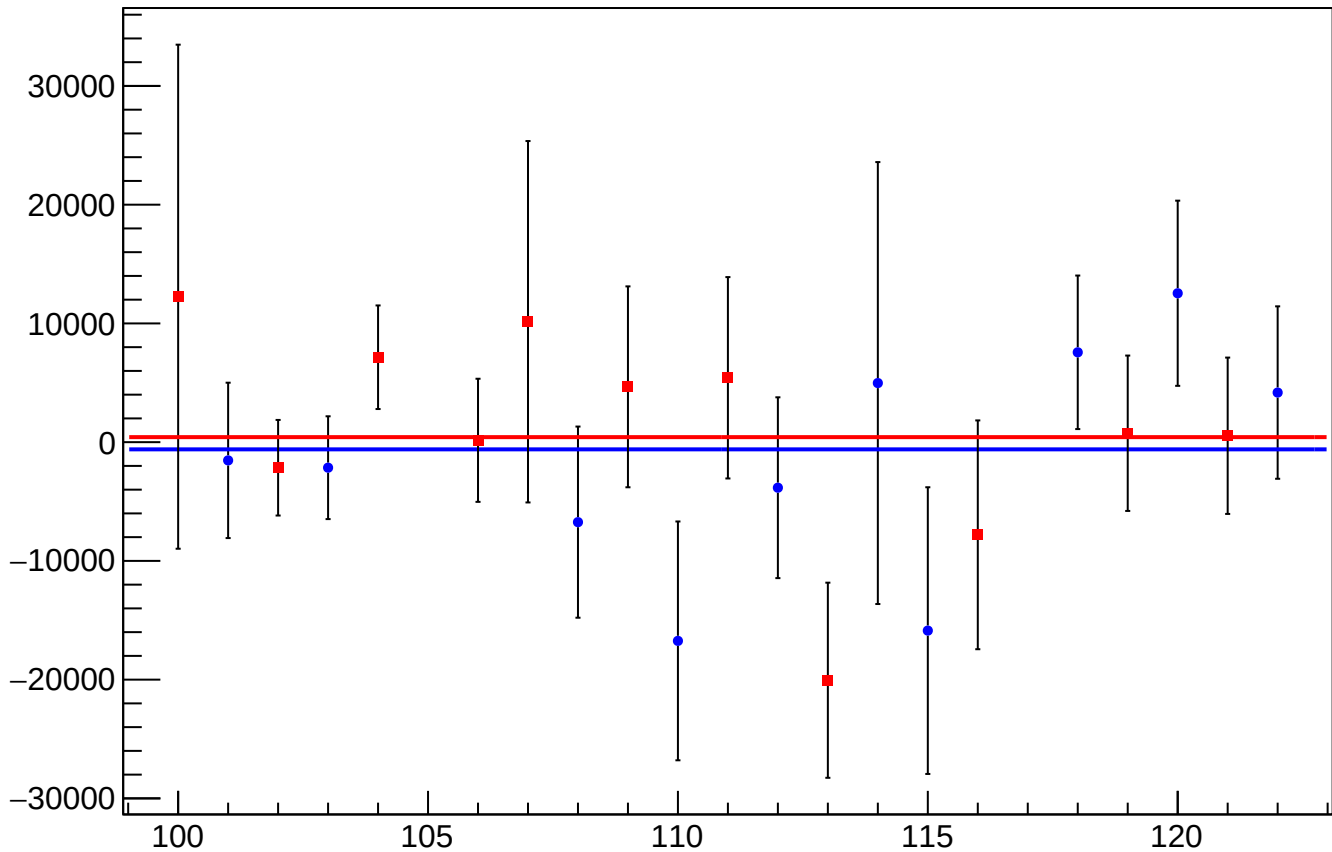
Right: 1931.394+/-0.478 χ^2/NDF : 405777.5/20

In: 1932.231+/-0.689 χ^2/NDF : 268006.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.394+/-0.478 χ^2/NDF : 405777.5/20

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -606.103+/-2303.981 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 423.452+/-1969.100 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

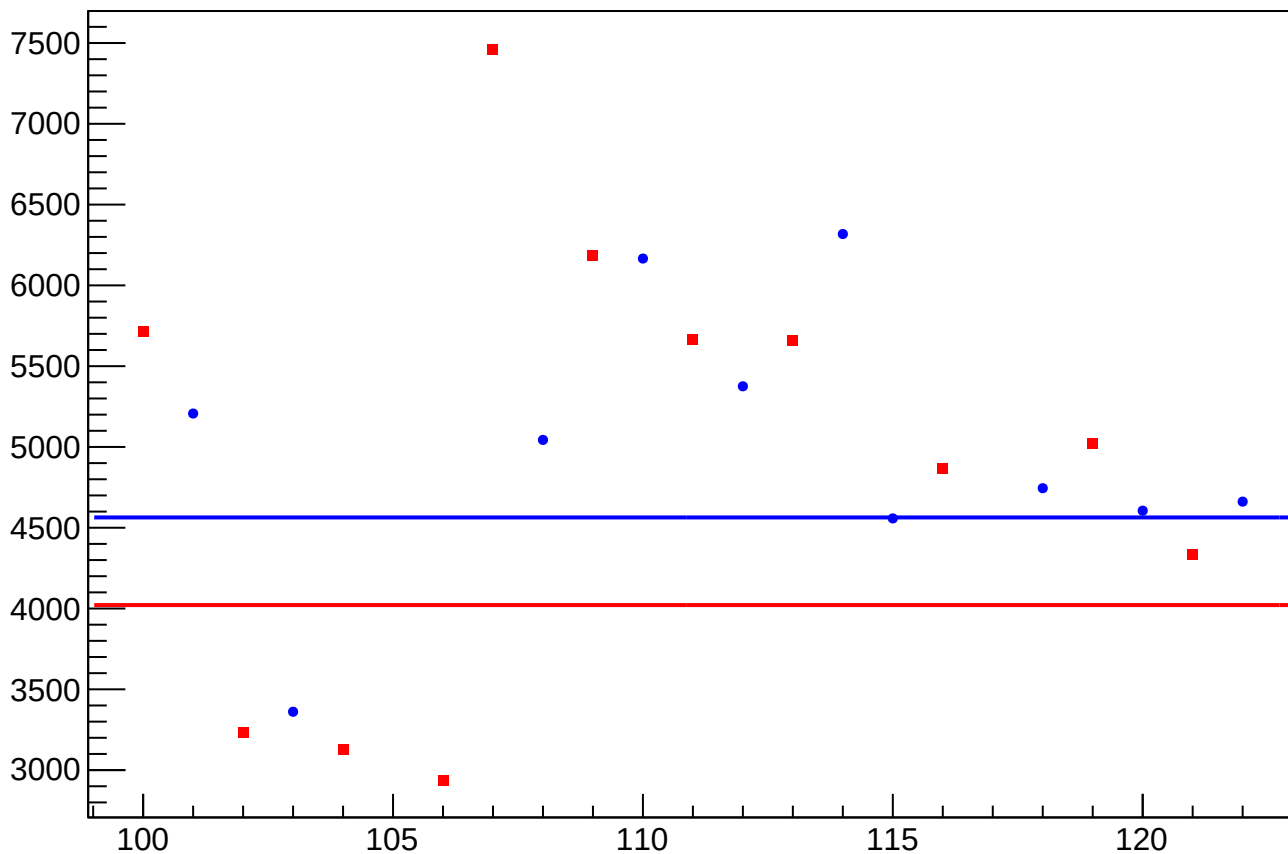
Right: -11.132+/-1496.894 χ^2/NDF : 21.2/20

In: -606.103+/-2303.981 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.132+/-1496.894 χ^2/NDF : 21.2/20

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4563.796+/-1.629 χ^2/NDF : 274036.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4021.291+/-1.392 χ^2/NDF : 714728.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

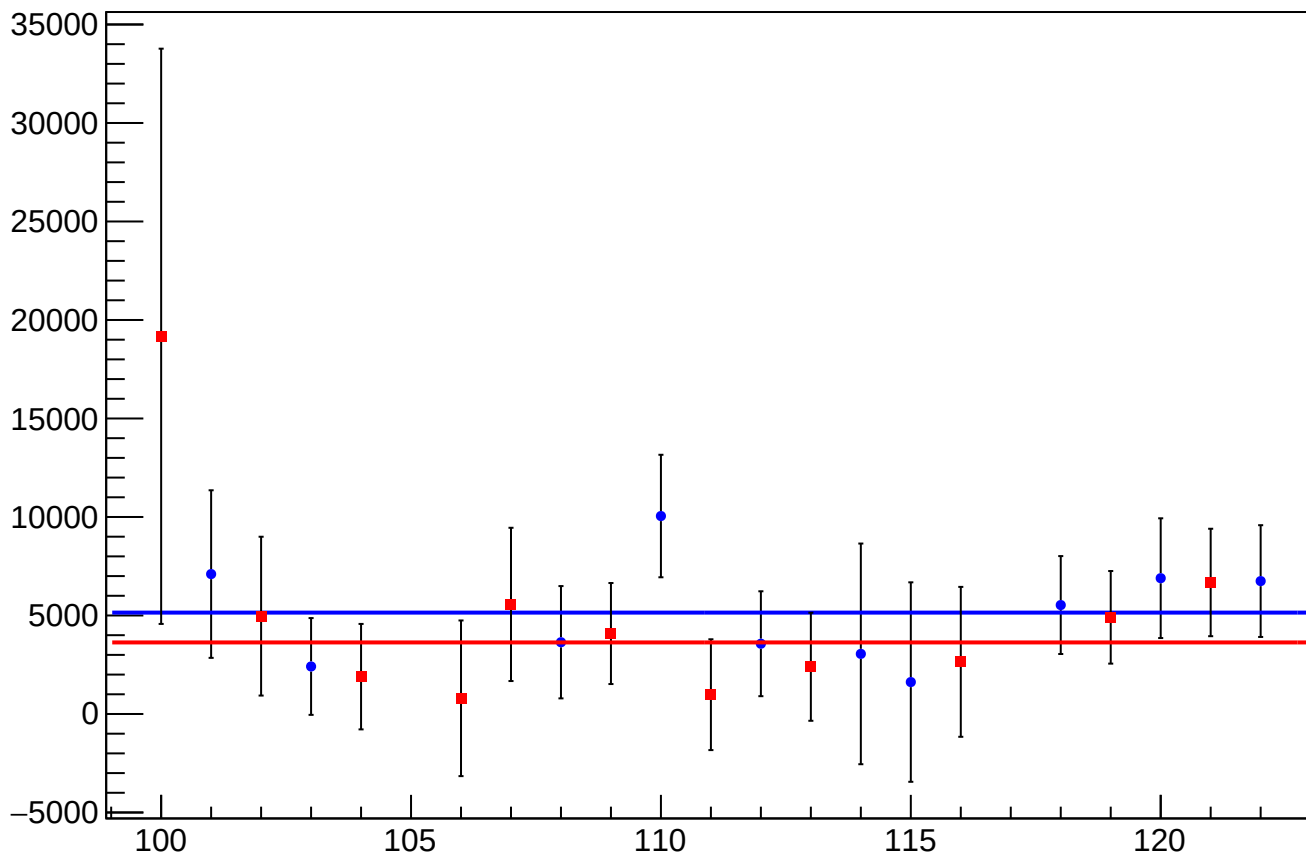
Right: 4250.287+/-1.058 χ^2/NDF : 1052844.7/20

In: 4563.796+/-1.629 χ^2/NDF : 274036.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4250.287+/-1.058 χ^2/NDF : 1052844.7/20

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5146.213+/-974.066 χ^2/NDF : 5.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3631.932+/-939.900 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

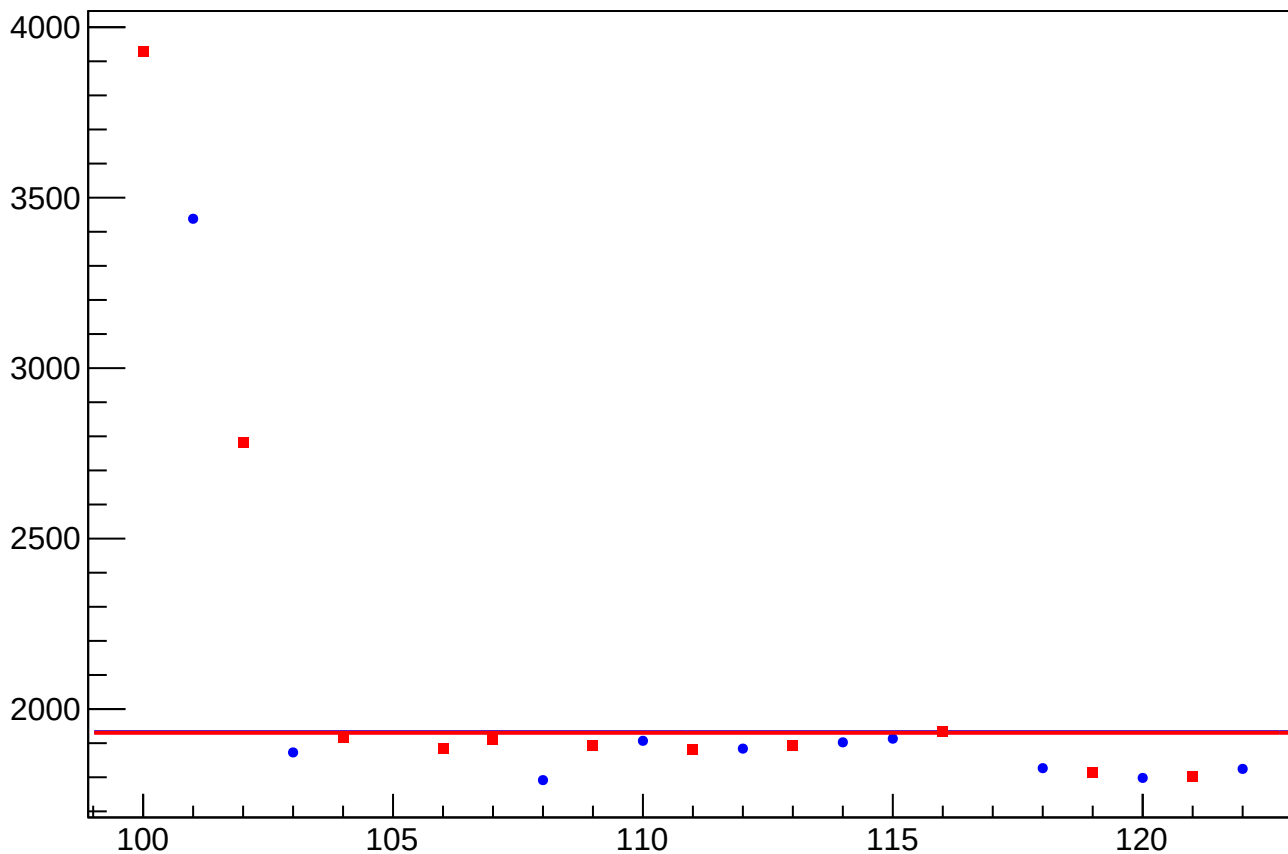
Right: 4362.050+/-676.366 χ^2/NDF : 12.3/20

In: 5146.213+/-974.066 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4362.050+/-676.366 χ^2/NDF : 12.3/20

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1932.230+/-0.689 χ^2/NDF : 268006.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1930.616+/-0.663 χ^2/NDF : 137768.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

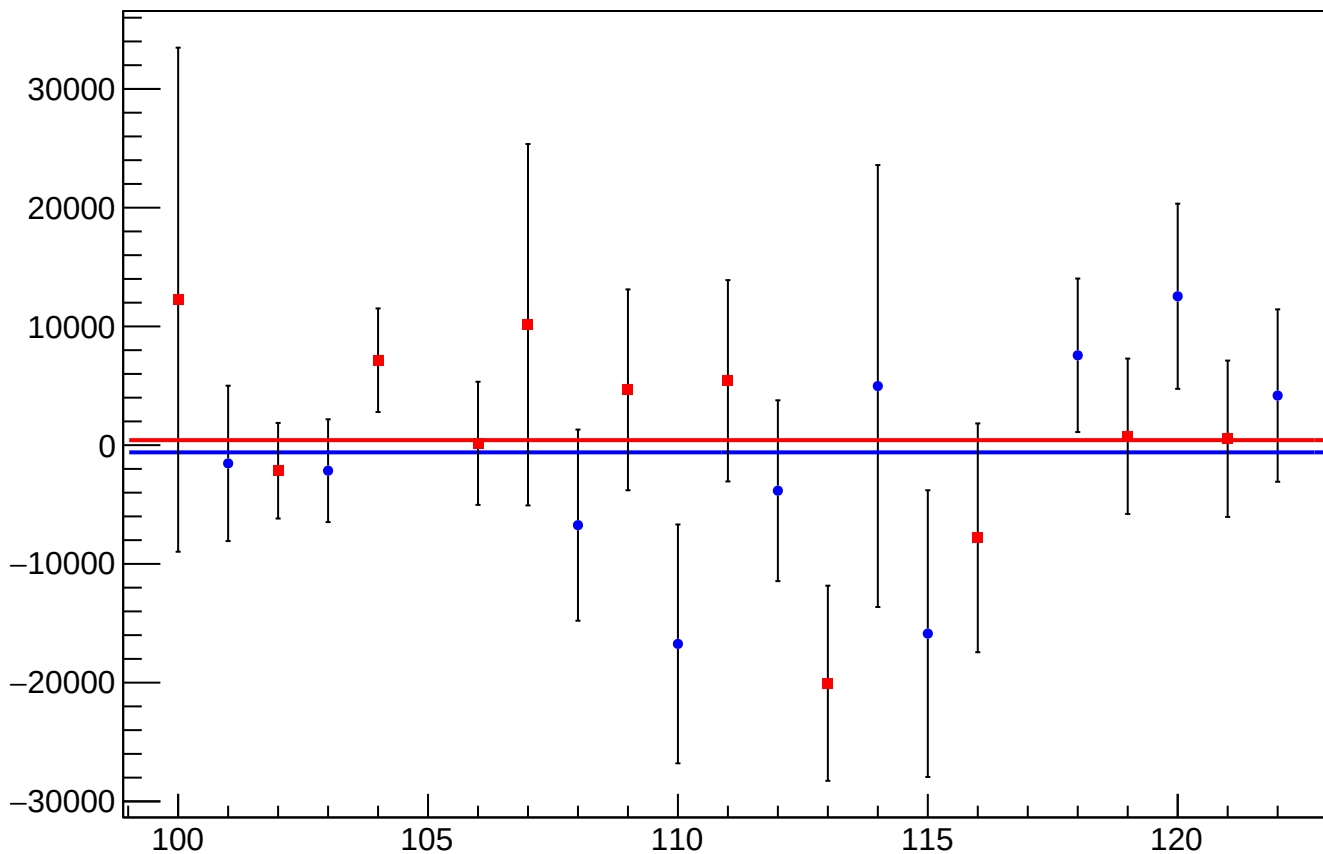
Right: 1931.393+/-0.478 χ^2/NDF : 405777.3/20

In: 1932.230+/-0.689 χ^2/NDF : 268006.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.393+/-0.478 χ^2/NDF : 405777.3/20

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -606.096 ± 2303.974 $\chi^2/\text{NDF}: 10.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 423.452 ± 1969.095 $\chi^2/\text{NDF}: 11.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

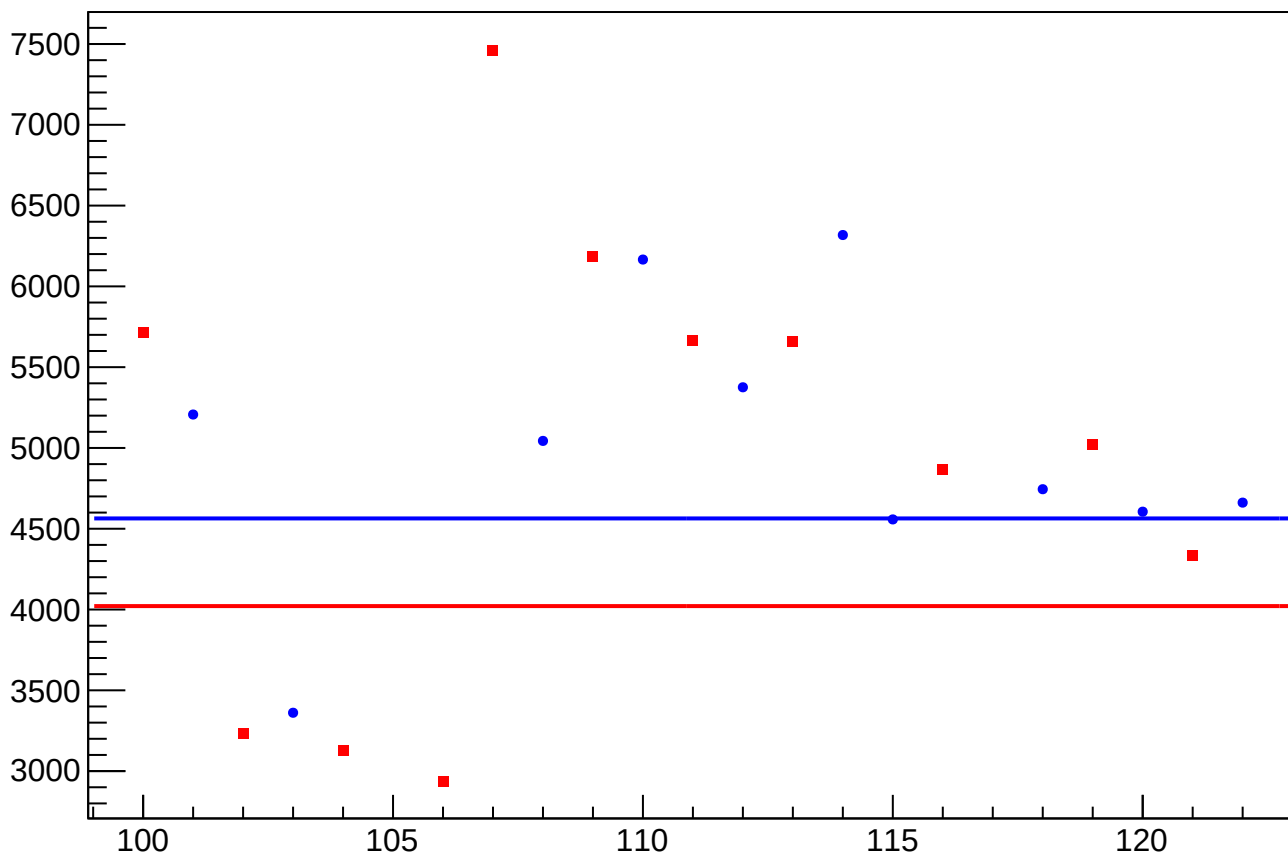
Right: -11.129 ± 1496.889 $\chi^2/\text{NDF}: 21.2/20$

In: -606.096 ± 2303.974 $\chi^2/\text{NDF}: 10.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -11.129 ± 1496.889 $\chi^2/\text{NDF}: 21.2/20$

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4563.782+/-1.629 χ^2/NDF : 274036.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4021.281+/-1.392 χ^2/NDF : 714726.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

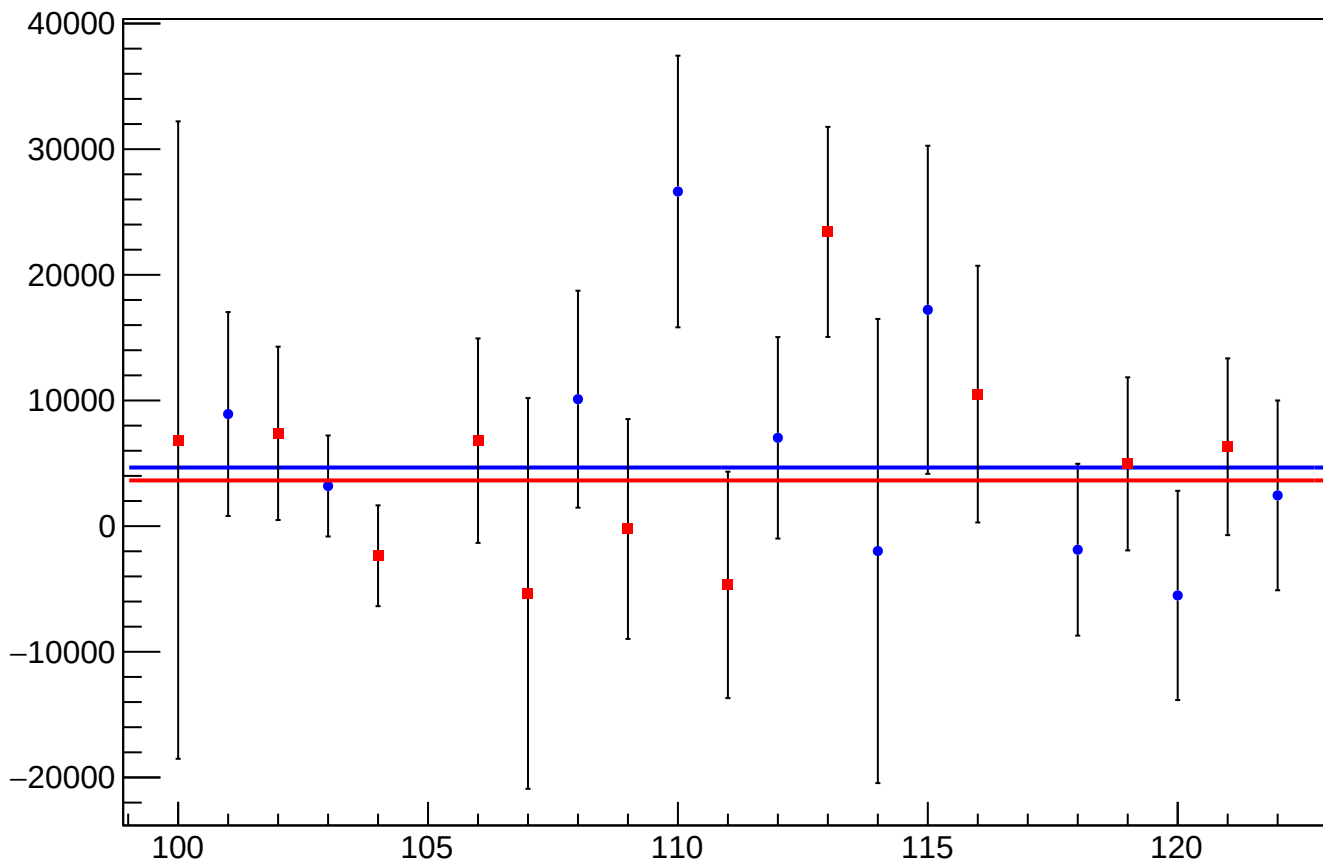
Right: 4250.275+/-1.058 χ^2/NDF : 1052842.6/20

In: 4563.782+/-1.629 χ^2/NDF : 274036.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4250.275+/-1.058 χ^2/NDF : 1052842.6/20

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4665.501+/-2378.433 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3637.529+/-2267.385 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

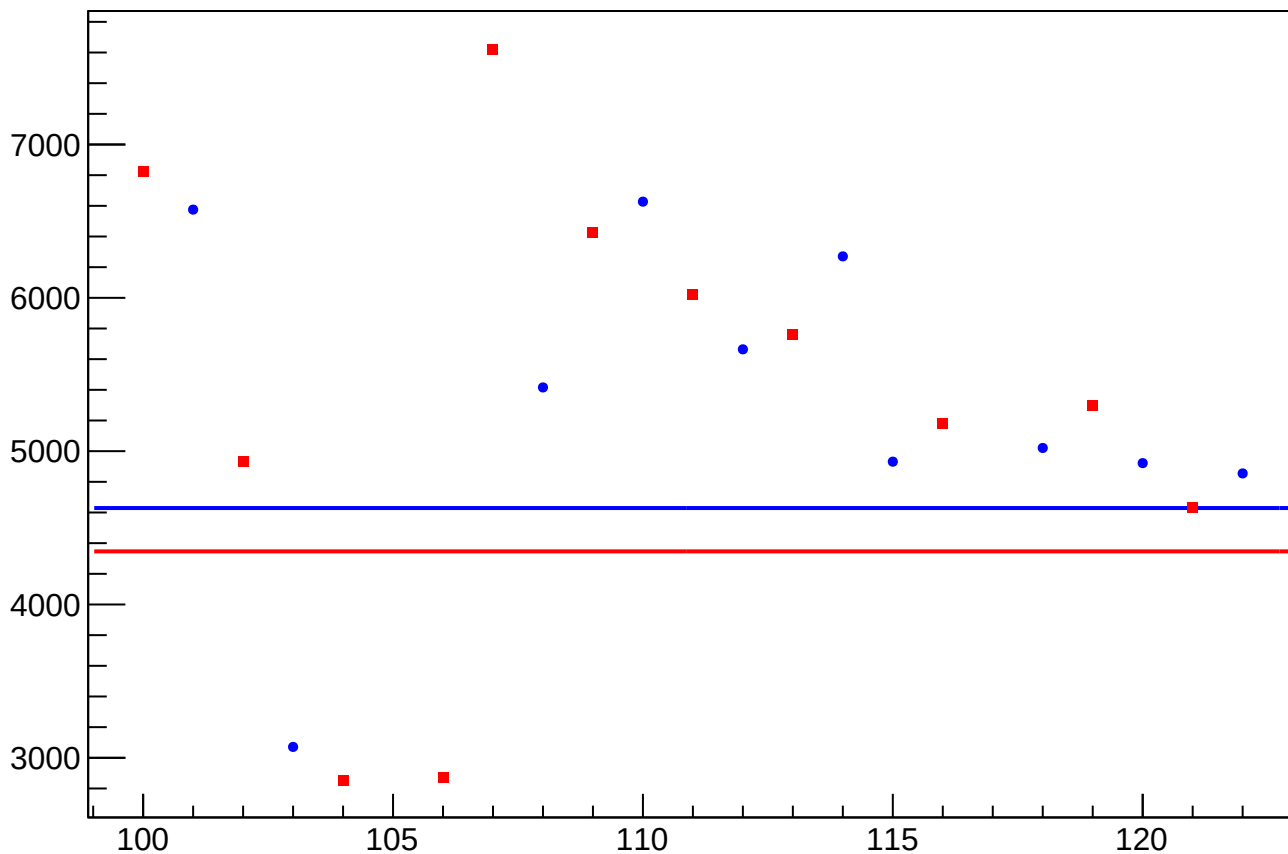
Right: 4126.957+/-1641.138 χ^2/NDF : 19.0/20

In: 4665.501+/-2378.433 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4126.957+/-1641.138 χ^2/NDF : 19.0/20

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4629.059+/-1.682 χ^2/NDF : 561634.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4346.386+/-1.559 χ^2/NDF : 808260.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

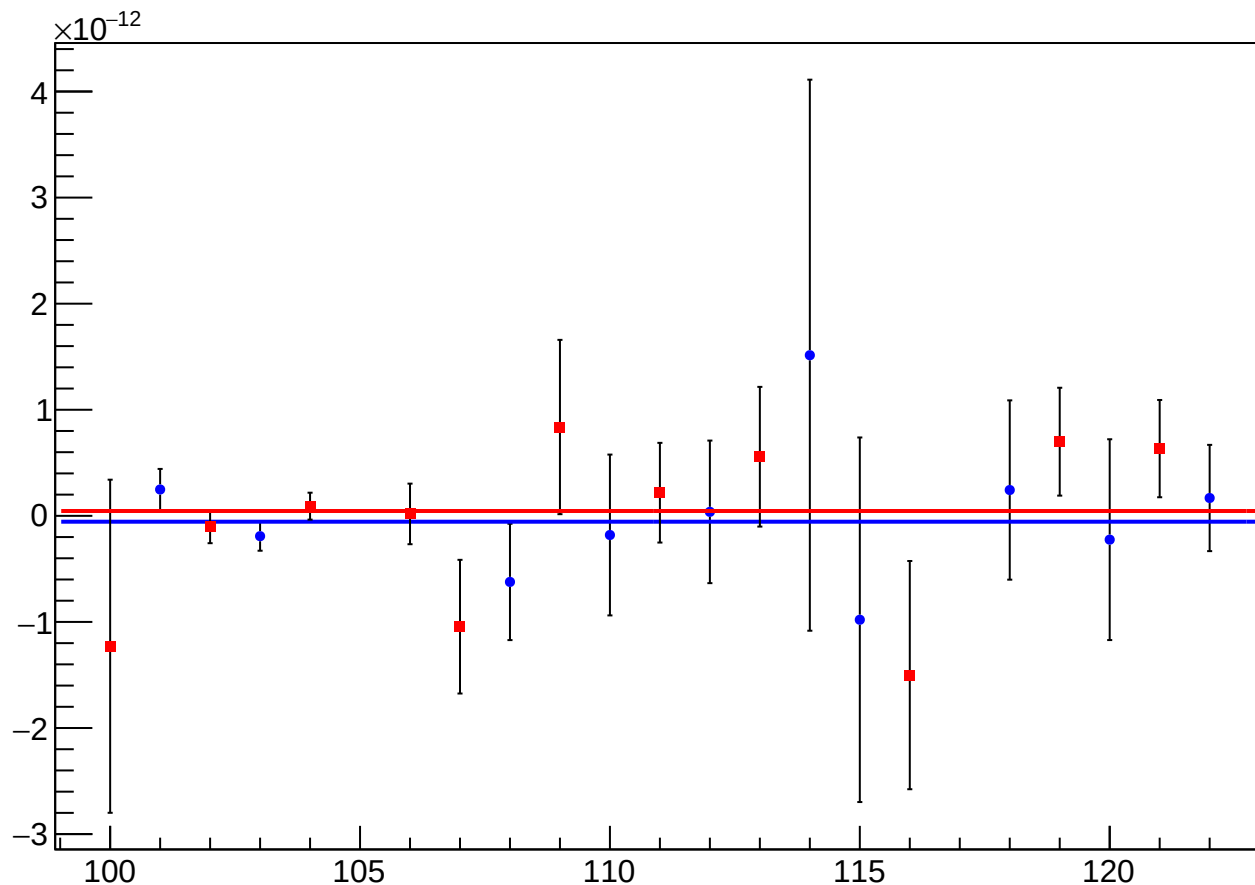
Right: 4477.012+/-1.143 χ^2/NDF : 1385090.7/20

In: 4629.059+/-1.682 χ^2/NDF : 561634.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4477.012+/-1.143 χ^2/NDF : 1385090.7/20

asym_us_avg_atlr_avg_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.6/9

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

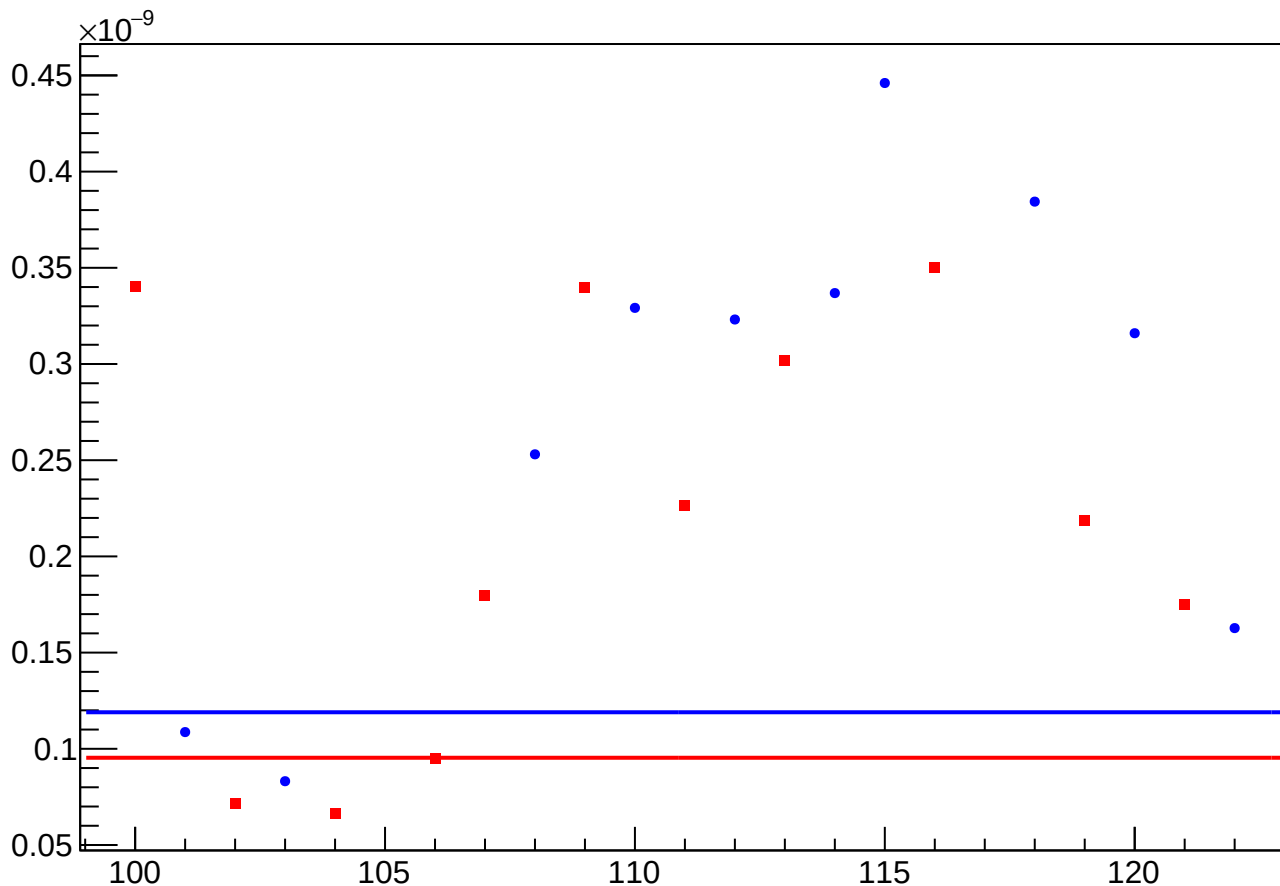
Right: 0.000+/-0.000 χ^2/NDF : 17.9/20

In: -0.000+/-0.000 χ^2/NDF : 5.6/9

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 : 985364.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1057801.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

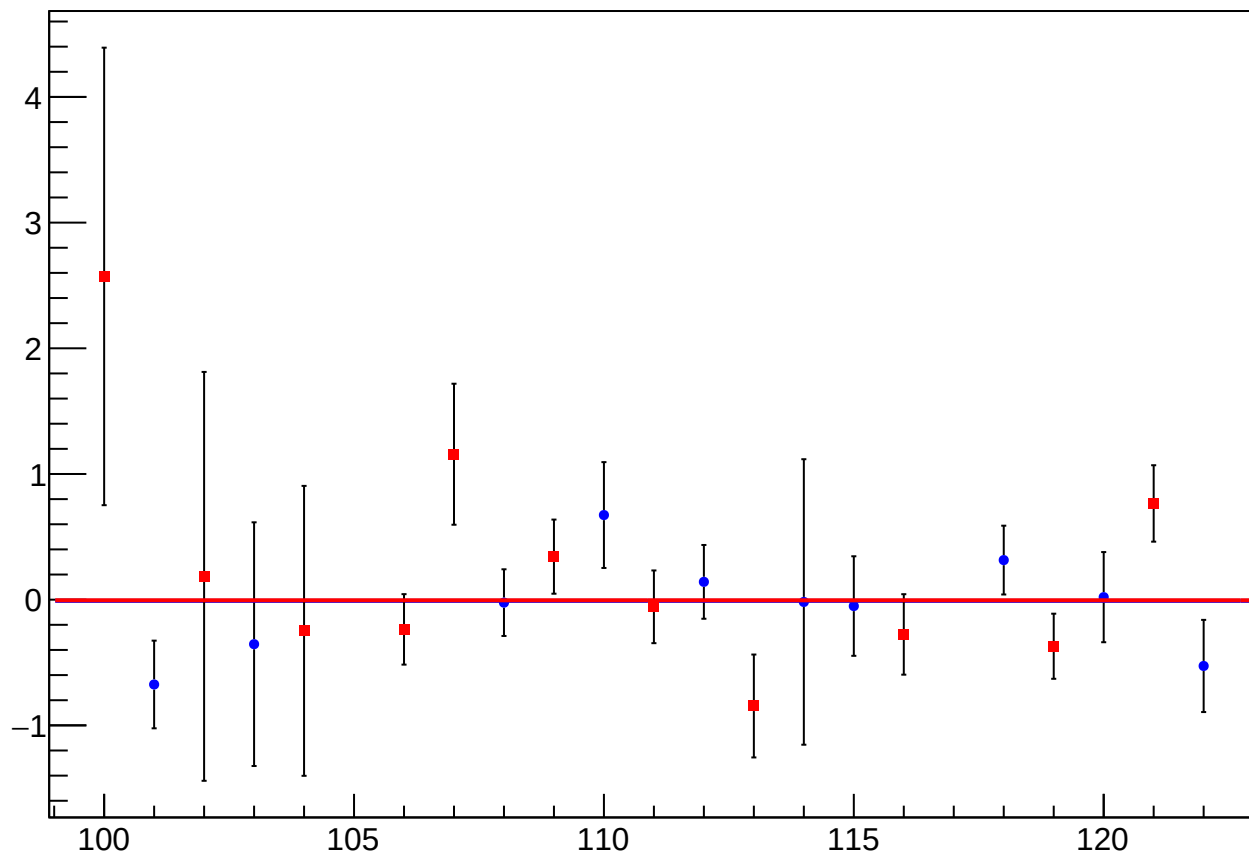
Right: 0.000+/-0.000 χ^2/NDF : 2105541.9/20

In: 0.000+/-0.000 χ^2/NDF : 985364.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2105541.9/20

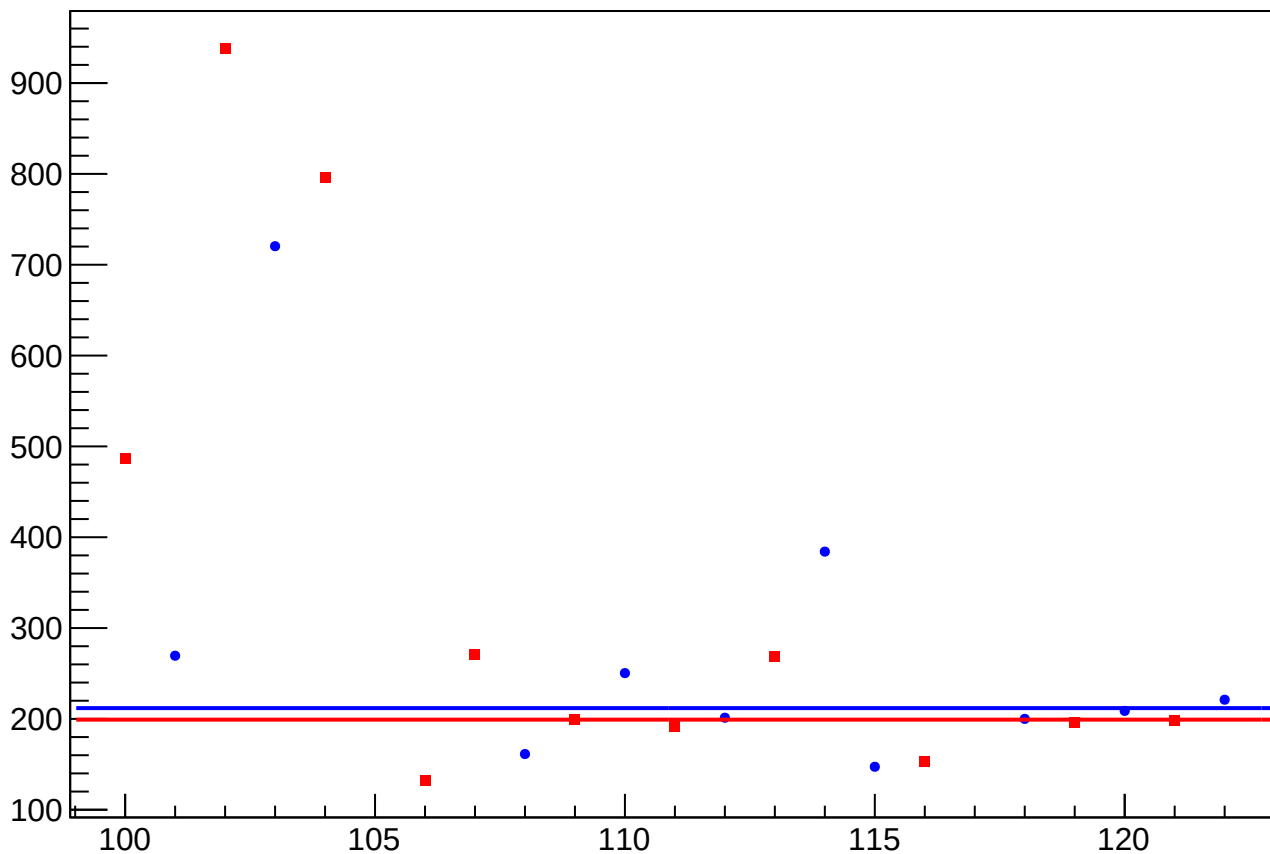
asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.114 $\chi^2/\text{NDF}: 10.1/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.005 ± 0.110 $\chi^2/\text{NDF}: 21.8/10$
 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: -0.007 ± 0.079 $\chi^2/\text{NDF}: 31.9/20$
 In: -0.009 ± 0.114 $\chi^2/\text{NDF}: 10.1/9$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.007 ± 0.079 $\chi^2/\text{NDF}: 31.9/20$

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.880+/-0.081 χ^2/NDF : 801371.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 199.176+/-0.078 χ^2/NDF : 1245936.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

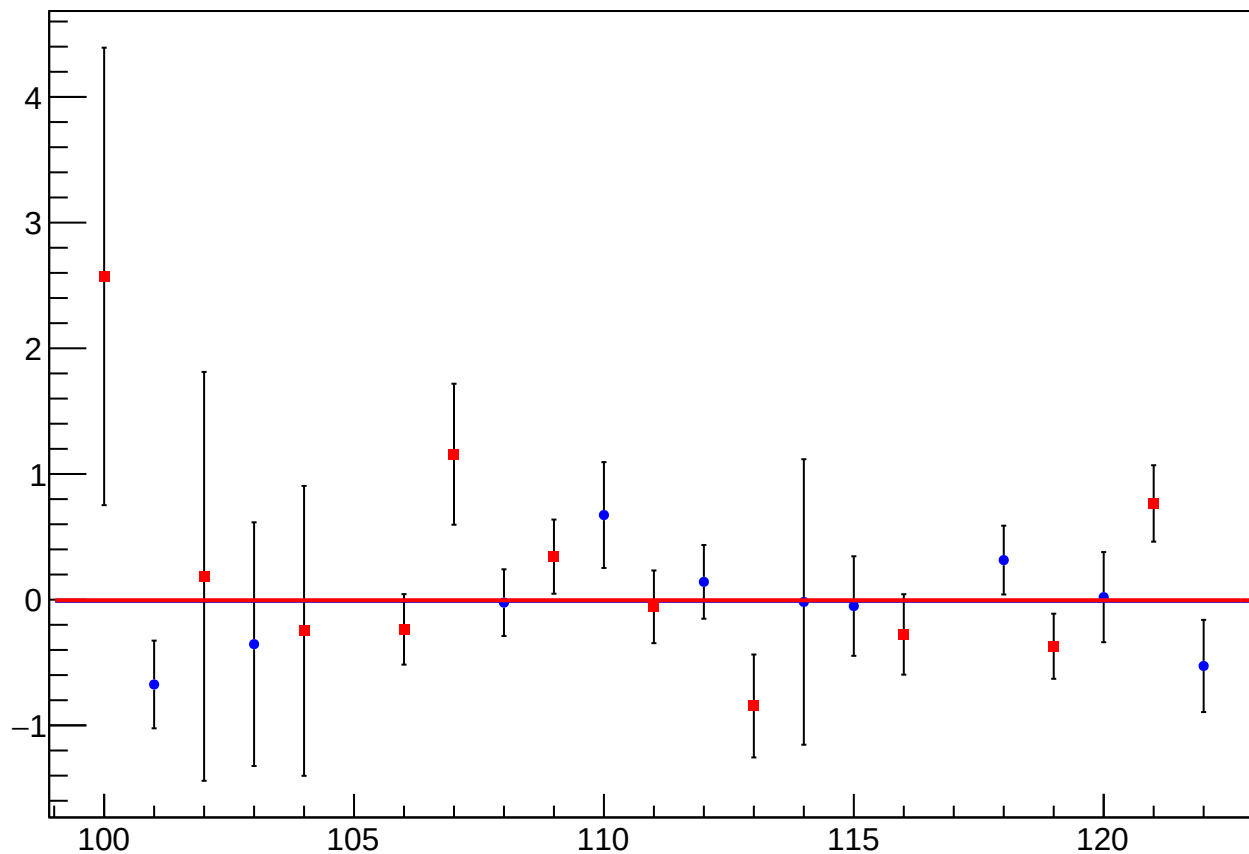
Right: 205.297+/-0.056 χ^2/NDF : 2060097.2/20

In: 211.880+/-0.081 χ^2/NDF :801371.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 205.297+/-0.056 χ^2/NDF : 2060097.2/20

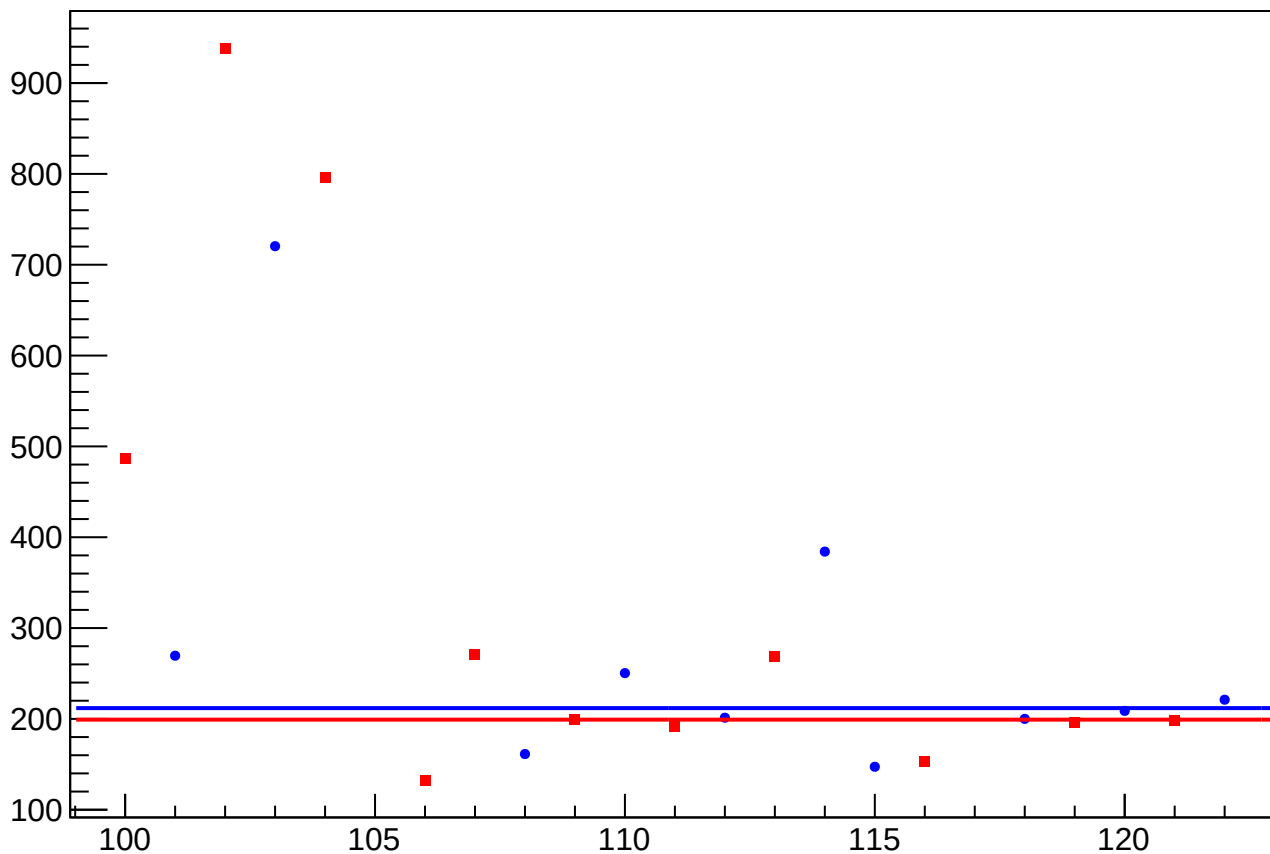
asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.114 χ^2/NDF : 10.1/9
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.005 ± 0.110 χ^2/NDF : 21.8/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.007 ± 0.079 χ^2/NDF : 31.9/20
 In: -0.009 ± 0.114 χ^2/NDF : 10.1/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.007 ± 0.079 χ^2/NDF : 31.9/20

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.880+/-0.081 χ^2/NDF : 801371.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.176+/-0.078 χ^2/NDF : 1245936.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

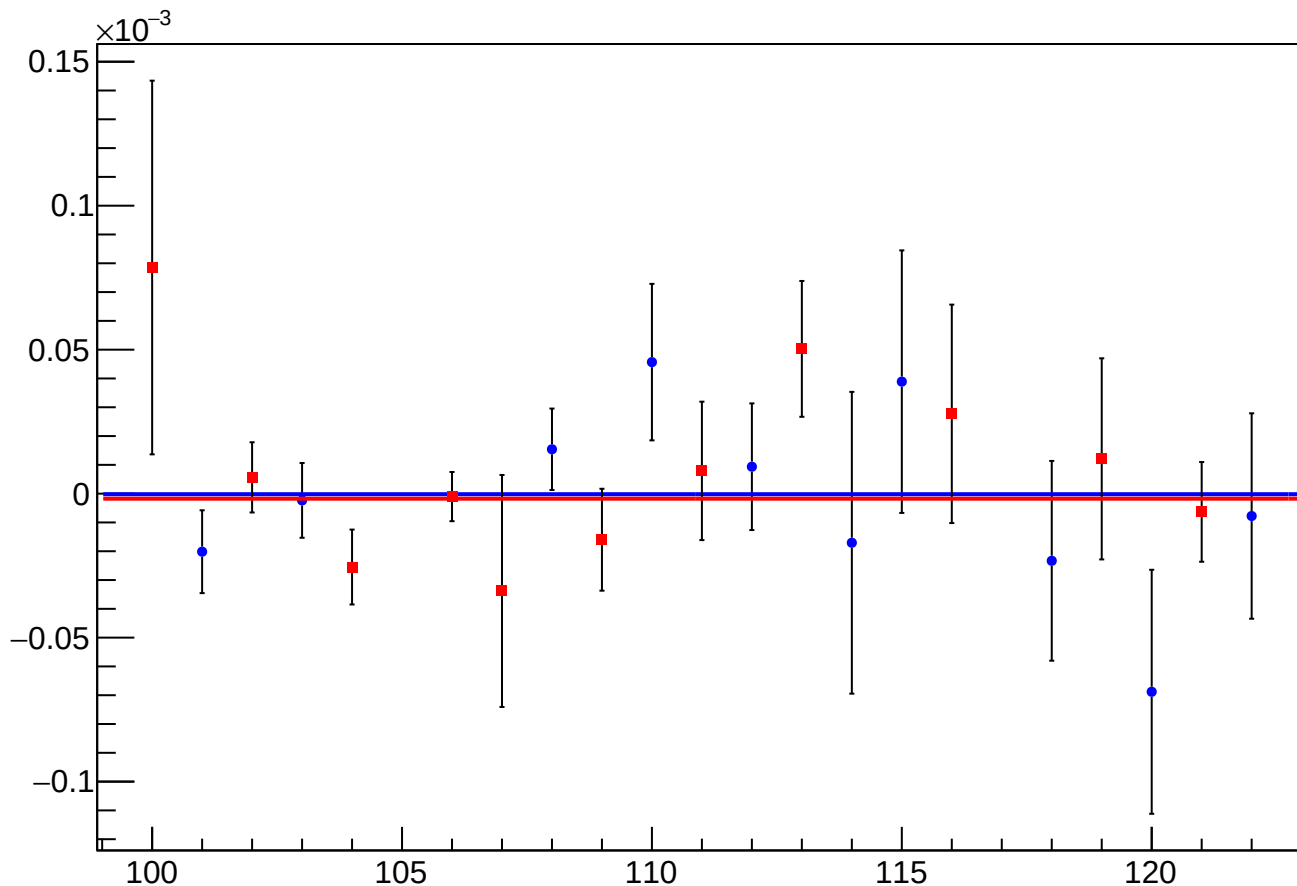
Right: 205.297+/-0.056 χ^2/NDF : 2060097.2/20

In: 211.880+/-0.081 χ^2/NDF : 801371.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.297+/-0.056 χ^2/NDF : 2060097.2/20

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 : 10.2/9

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

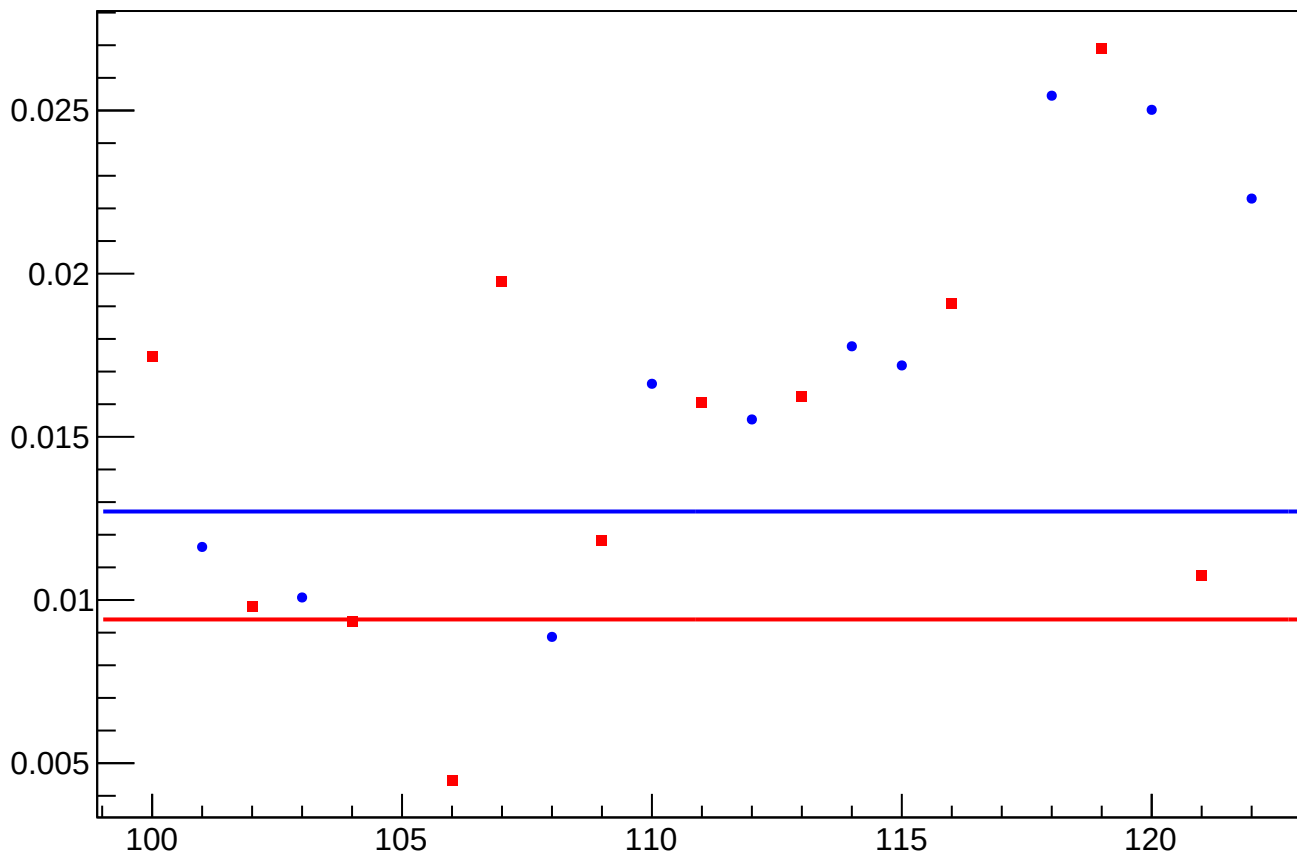
Right: -0.000+/-0.000 χ^2/NDF : 22.6/20

In: -0.000+/-0.000 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.6/20

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 : 937080.9/9

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000

χ^2/NDF : 1836949.7/10

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.011+/-0.000

χ^2/NDF : 3083187.4/20

In: 0.013+/-0.000

χ^2/NDF : 937080.9/9

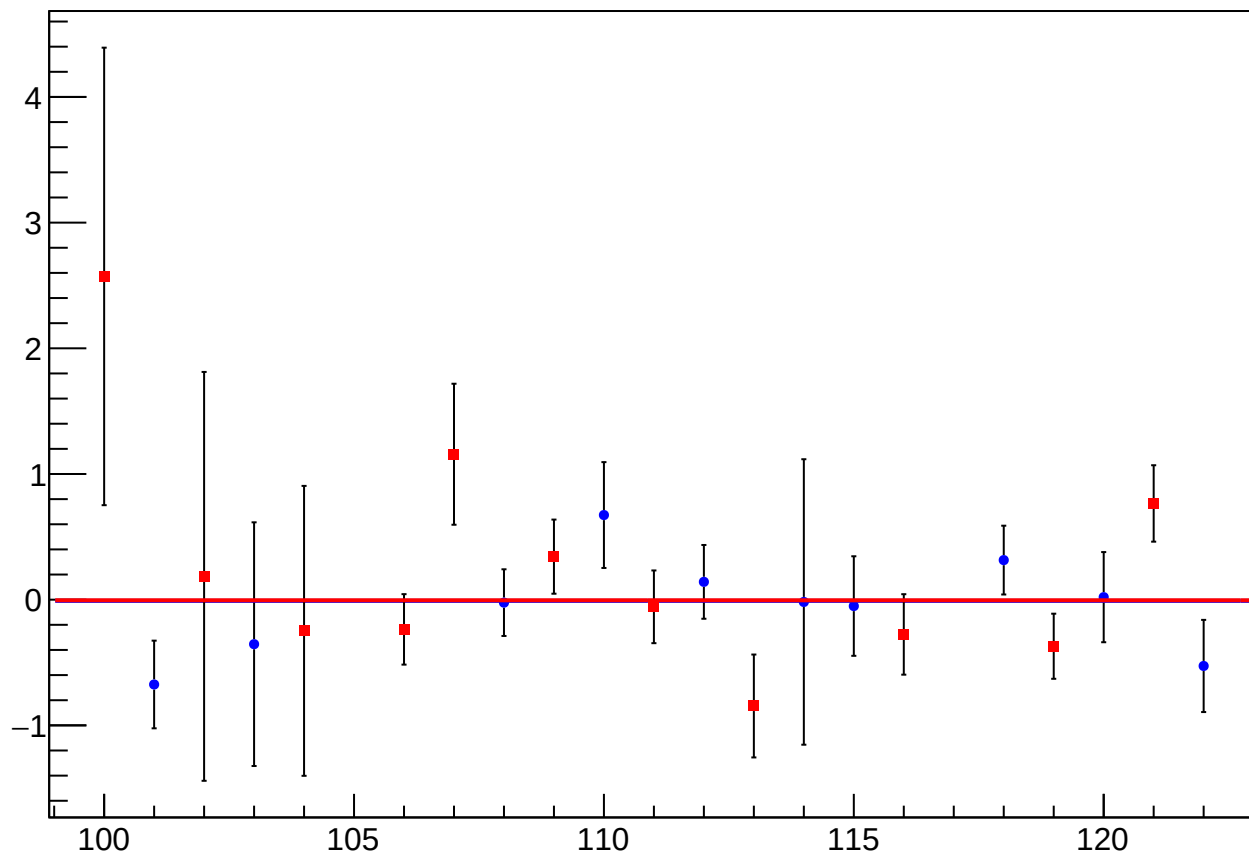
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 3083187.4/20

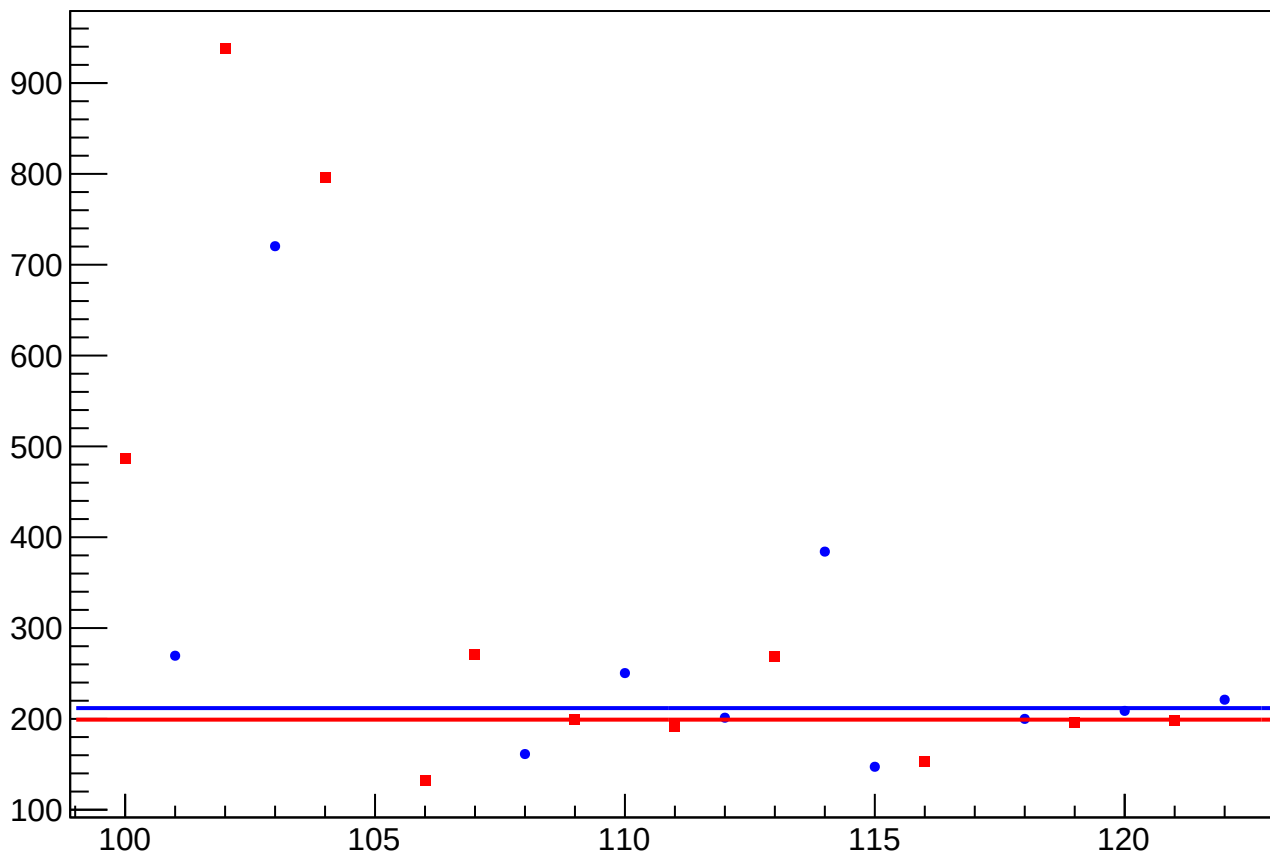
asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.114 χ^2/NDF : 10.1/9
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.005 ± 0.110 χ^2/NDF : 21.8/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.007 ± 0.079 χ^2/NDF : 31.9/20
 In: -0.009 ± 0.114 χ^2/NDF : 10.1/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.007 ± 0.079 χ^2/NDF : 31.9/20

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.880+/-0.081 χ^2/NDF : 801357.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.175+/-0.078 χ^2/NDF : 1245921.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

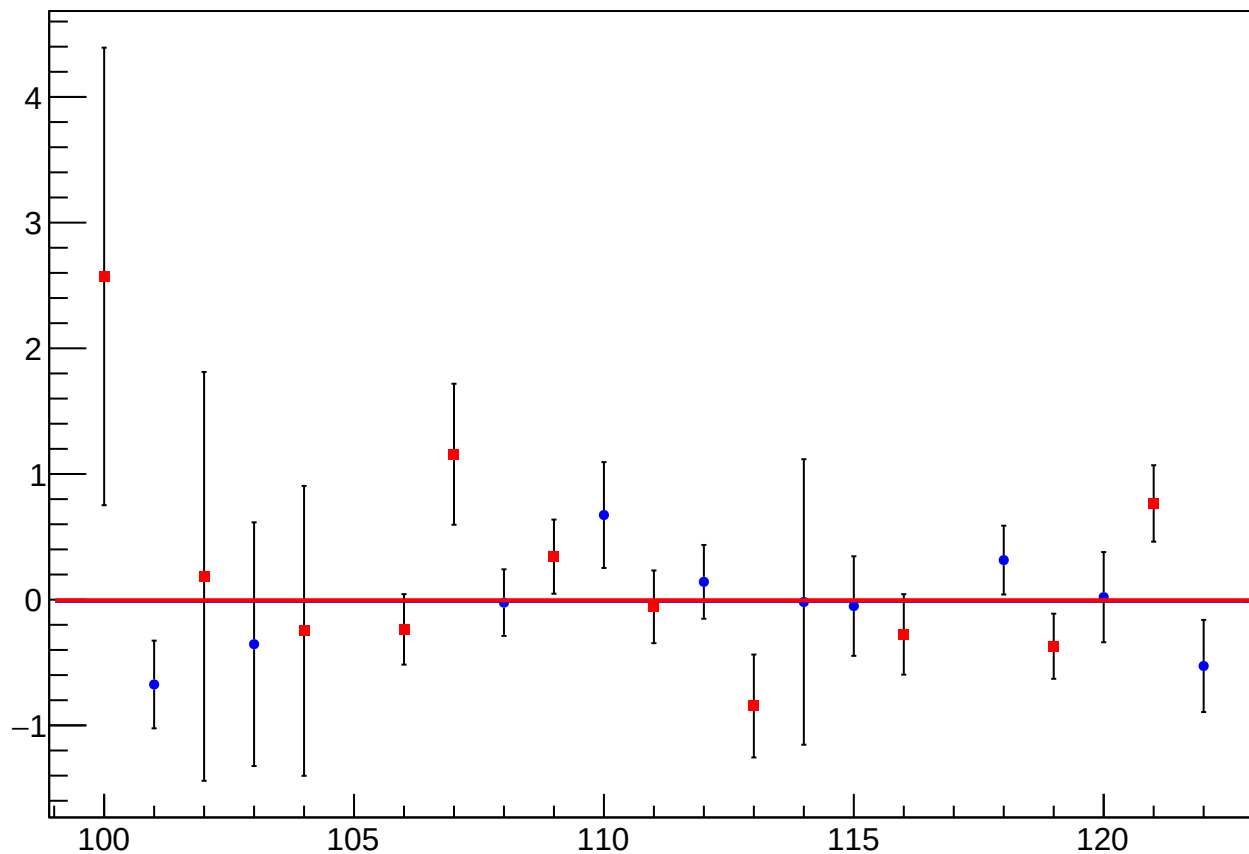
Right: 205.296+/-0.056 χ^2/NDF : 2060067.7/20

In: 211.880+/-0.081 χ^2/NDF : 801357.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.296+/-0.056 χ^2/NDF : 2060067.7/20

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.114 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.110 χ^2/NDF : 21.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

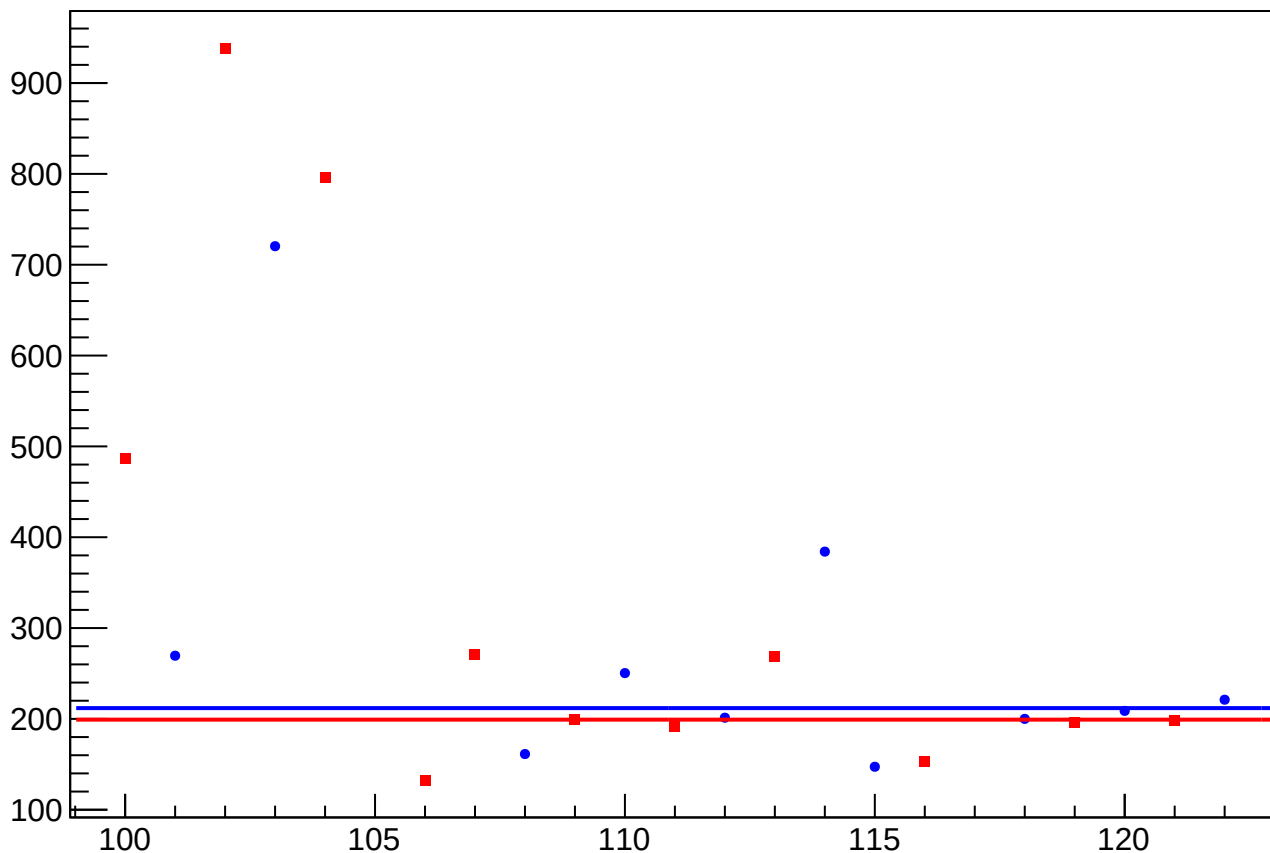
Right: -0.007+/-0.079 χ^2/NDF : 31.9/20

In: -0.009+/-0.114 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.079 χ^2/NDF : 31.9/20

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.880+/-0.081 χ^2/NDF : 801357.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.175+/-0.078 χ^2/NDF : 1245921.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

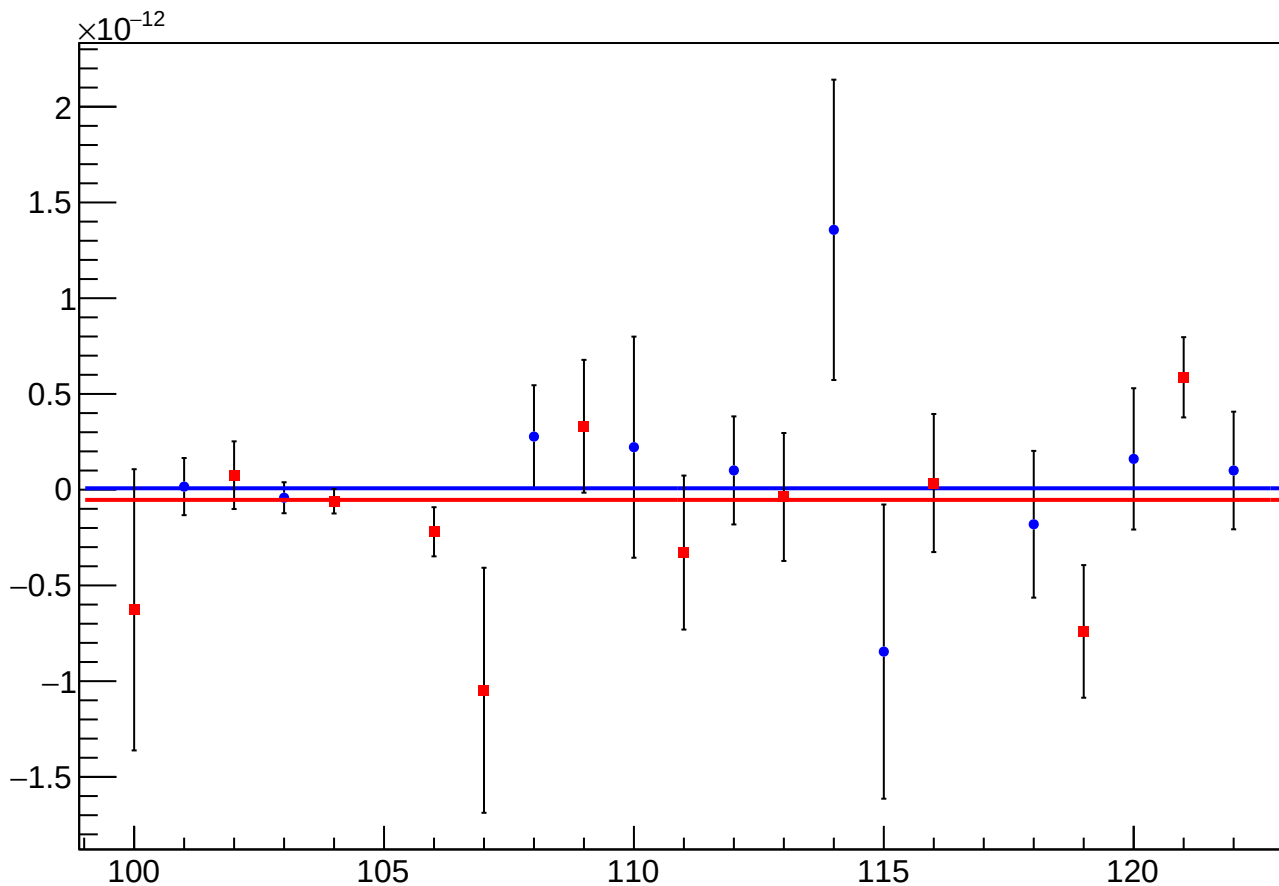
Right: 205.296+/-0.056 χ^2/NDF : 2060067.7/20

In: 211.880+/-0.081 χ^2/NDF : 801357.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.296+/-0.056 χ^2/NDF : 2060067.7/20

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 : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

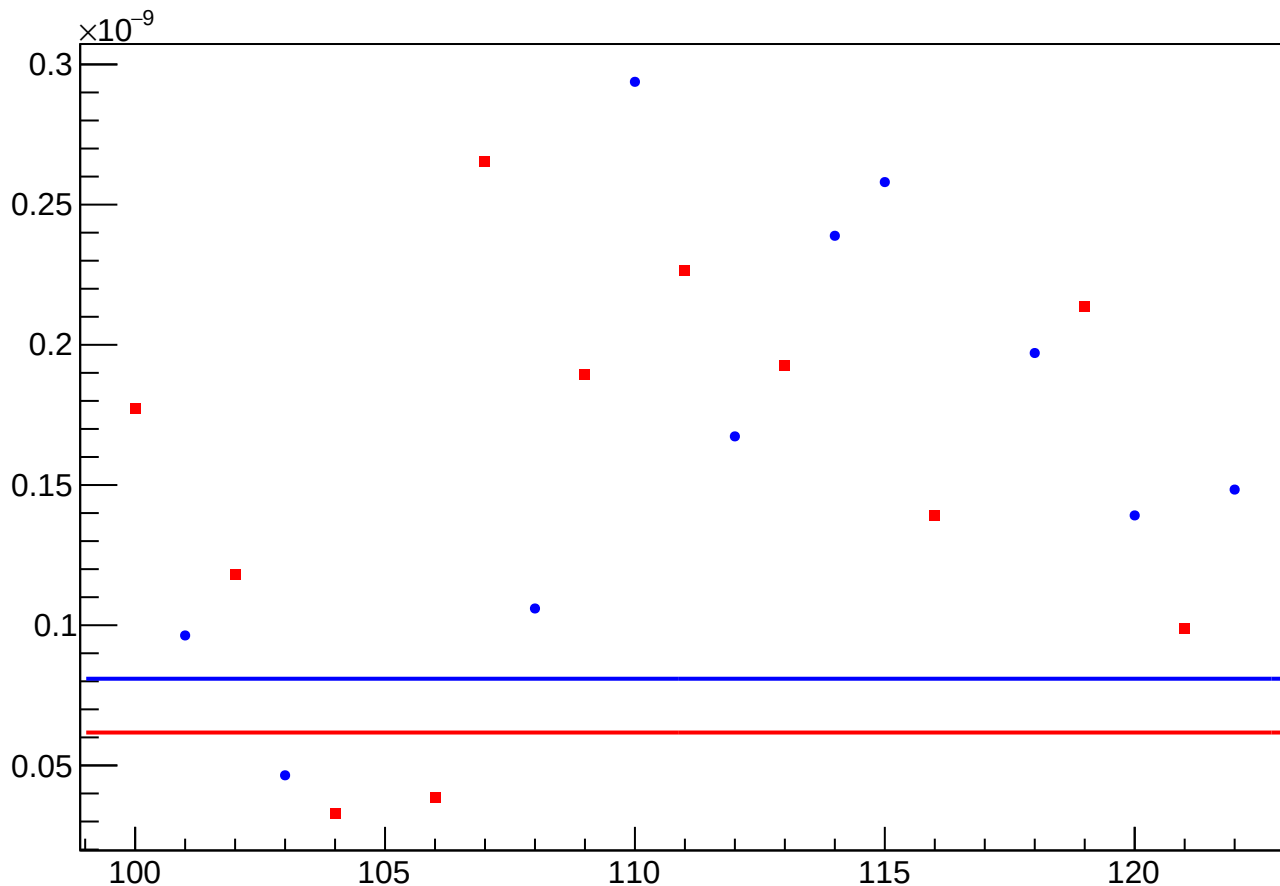
Right: -0.000+/-0.000 χ^2/NDF : 27.2/20

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 : 27.2/20

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 : 1377985.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2385313.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

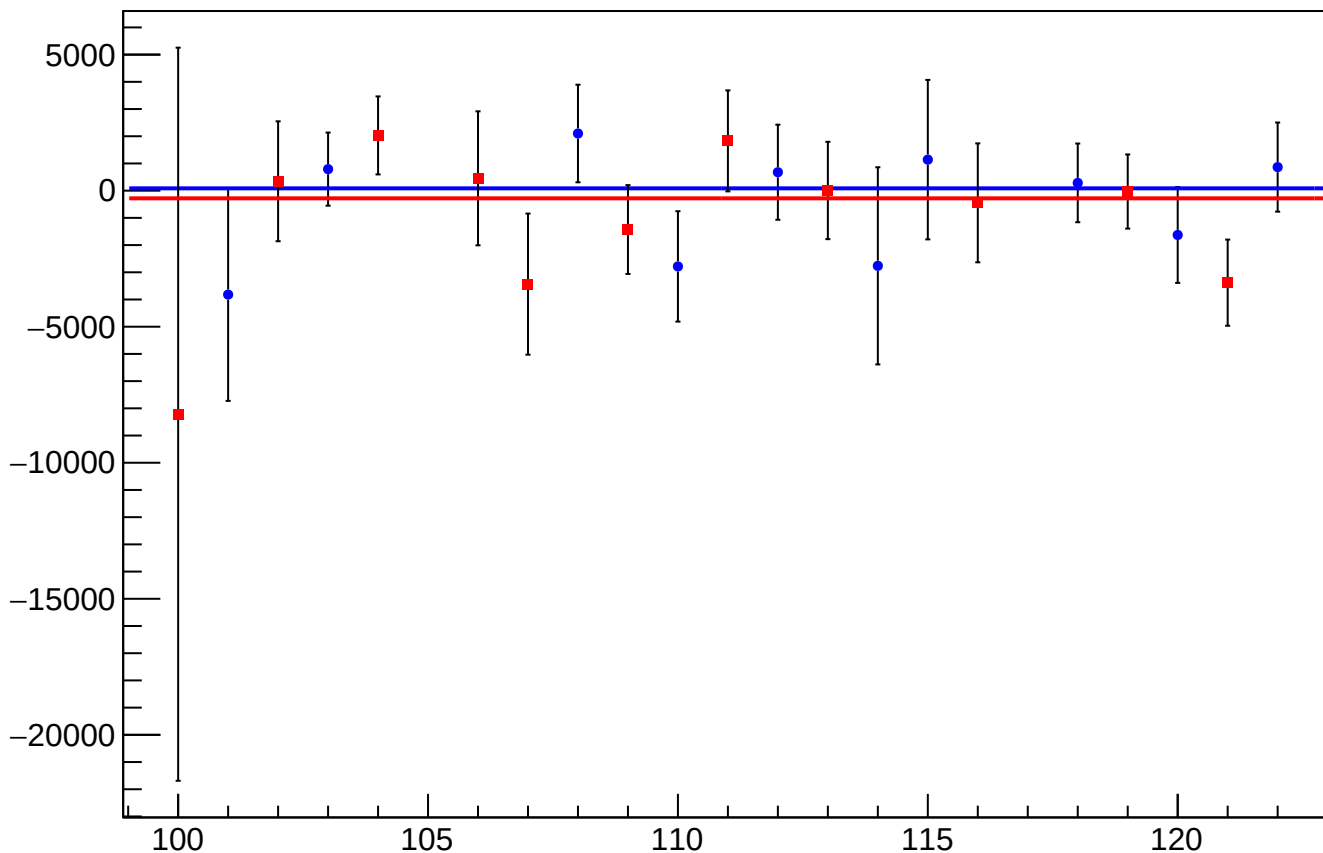
Right: 0.000+/-0.000 χ^2/NDF : 3878339.0/20

In: 0.000+/-0.000 χ^2/NDF : 1377985.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3878339.0/20

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 85.364+/-590.610 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -281.874+/-564.655 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

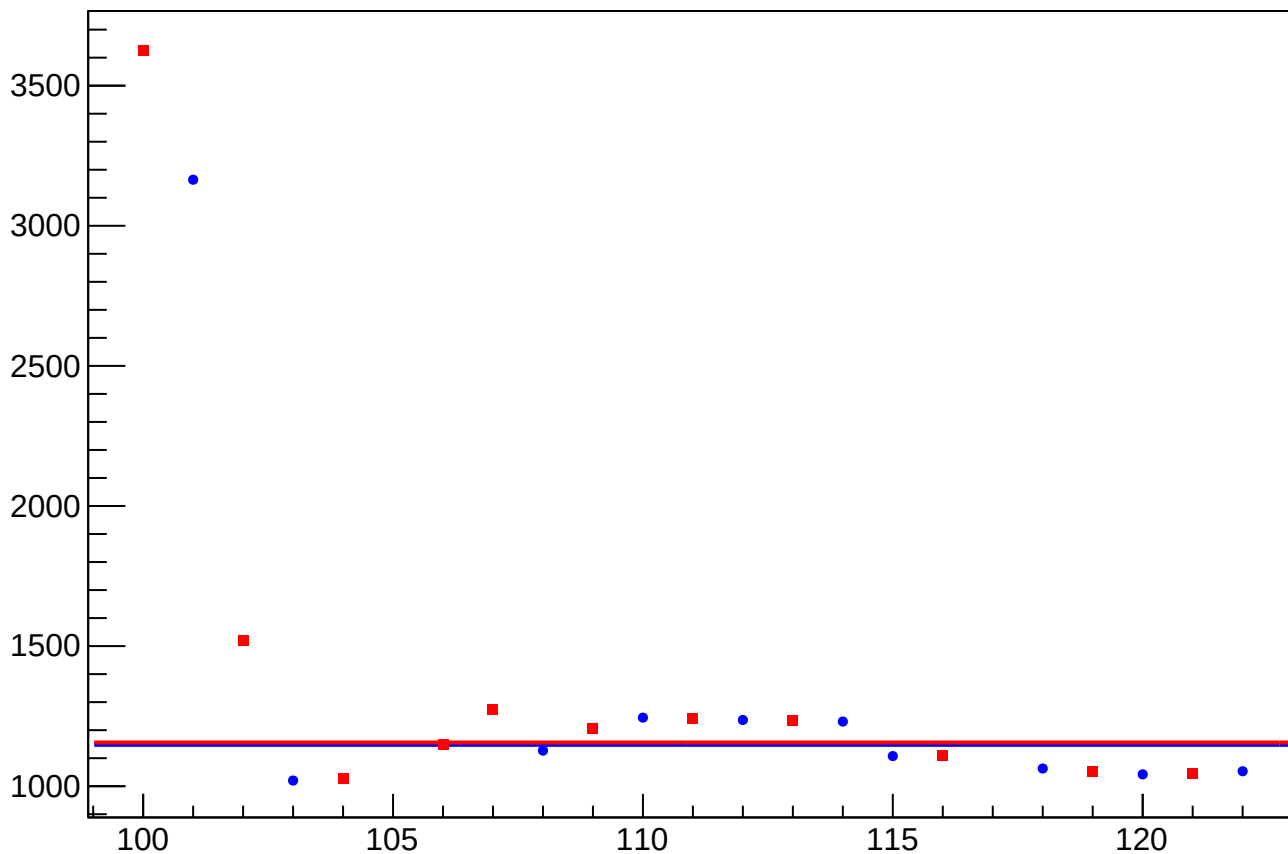
Right: -106.501+/-408.139 χ^2/NDF : 17.1/20

In: 85.364+/-590.610 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.501+/-408.139 χ^2/NDF : 17.1/20

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1147.638+/-0.418 χ^2/NDF : 582781.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1156.028+/-0.398 χ^2/NDF : 174567.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

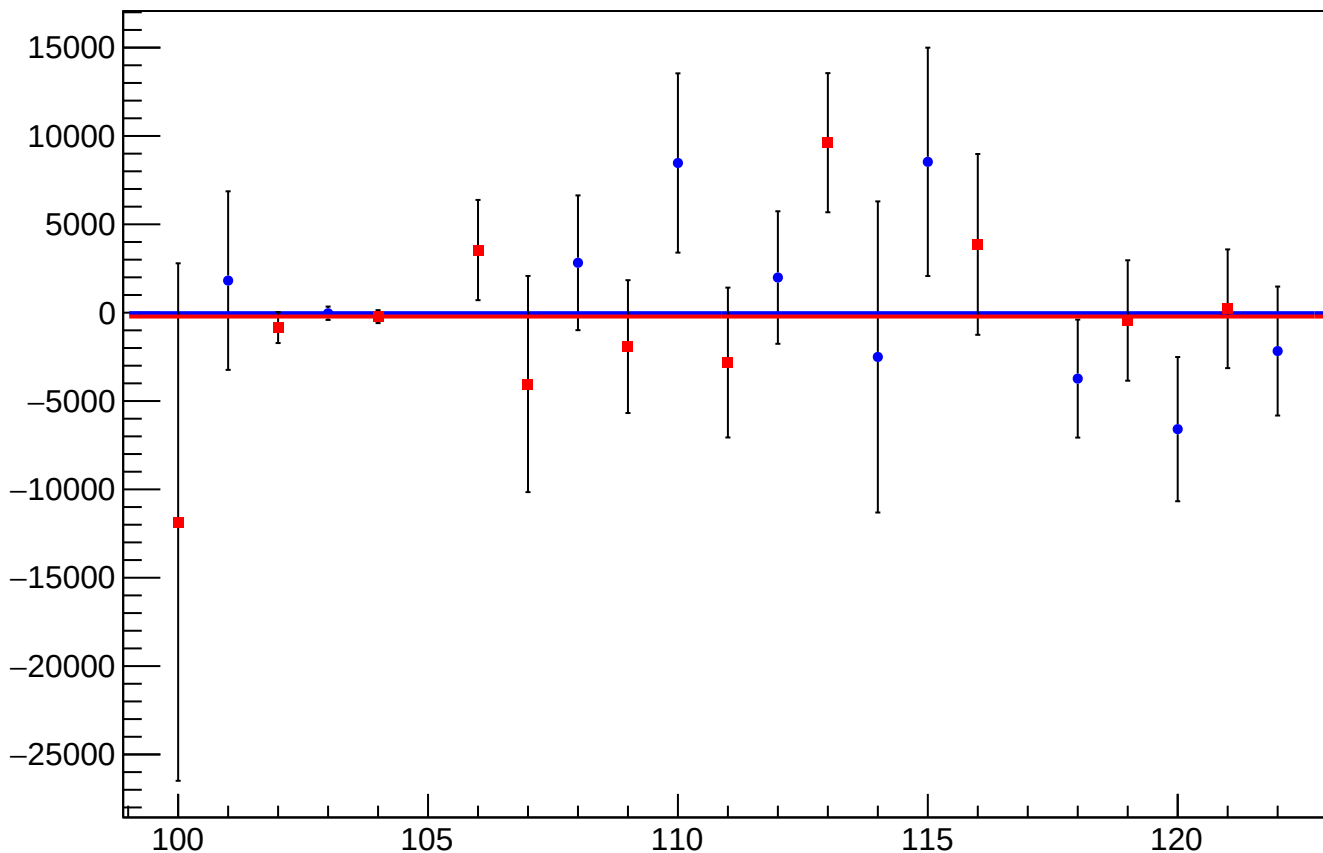
Right: 1152.034+/-0.288 χ^2/NDF : 757560.5/20

In: 1147.638+/-0.418 χ^2/NDF :582781.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1152.034+/-0.288 χ^2/NDF : 757560.5/20

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -28.381+/-365.327 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -218.032+/-327.600 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

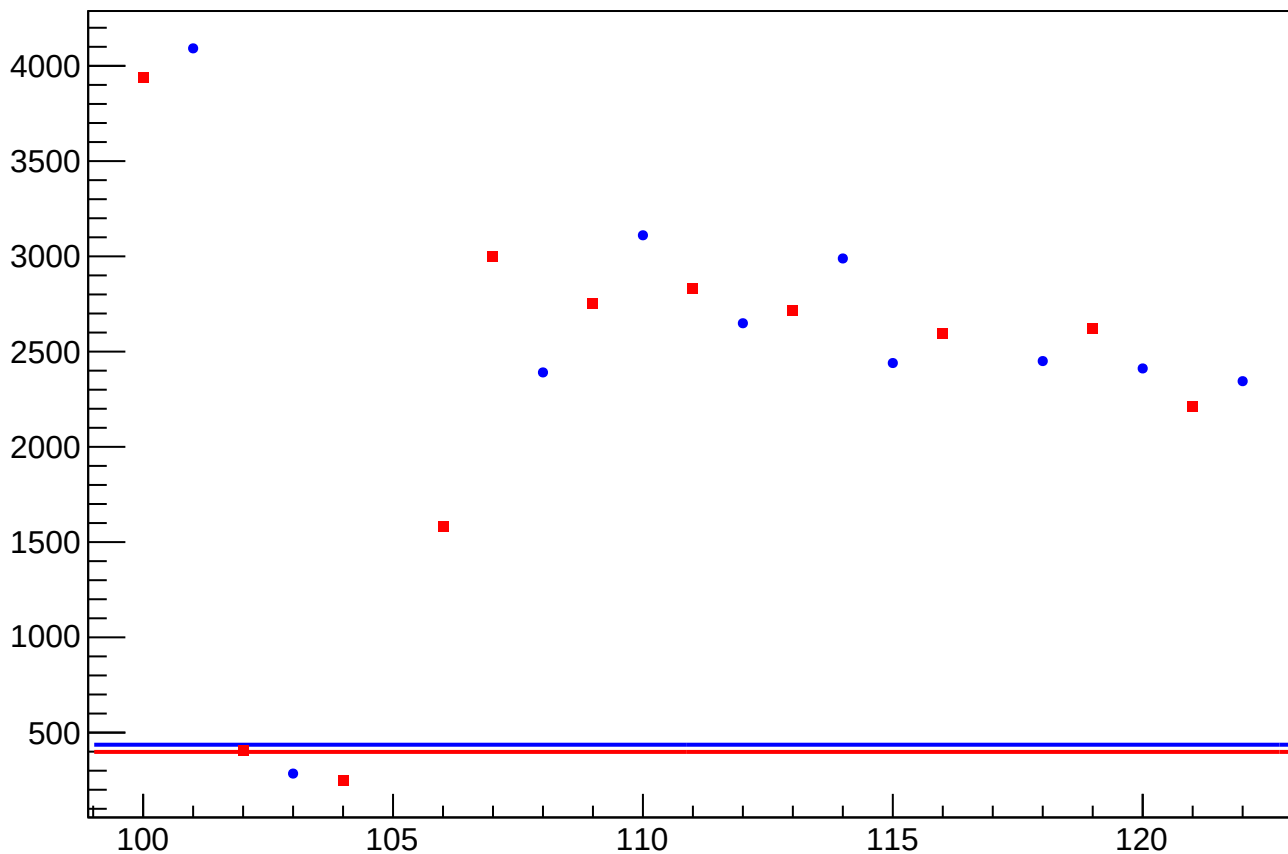
Right: -133.502+/-243.899 χ^2/NDF : 20.7/20

In: -28.381+/-365.327 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -133.502+/-243.899 χ^2/NDF : 20.7/20

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 436.372+/-0.258 χ^2/NDF : 5249602.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 398.627+/-0.232 χ^2/NDF : 5101619.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

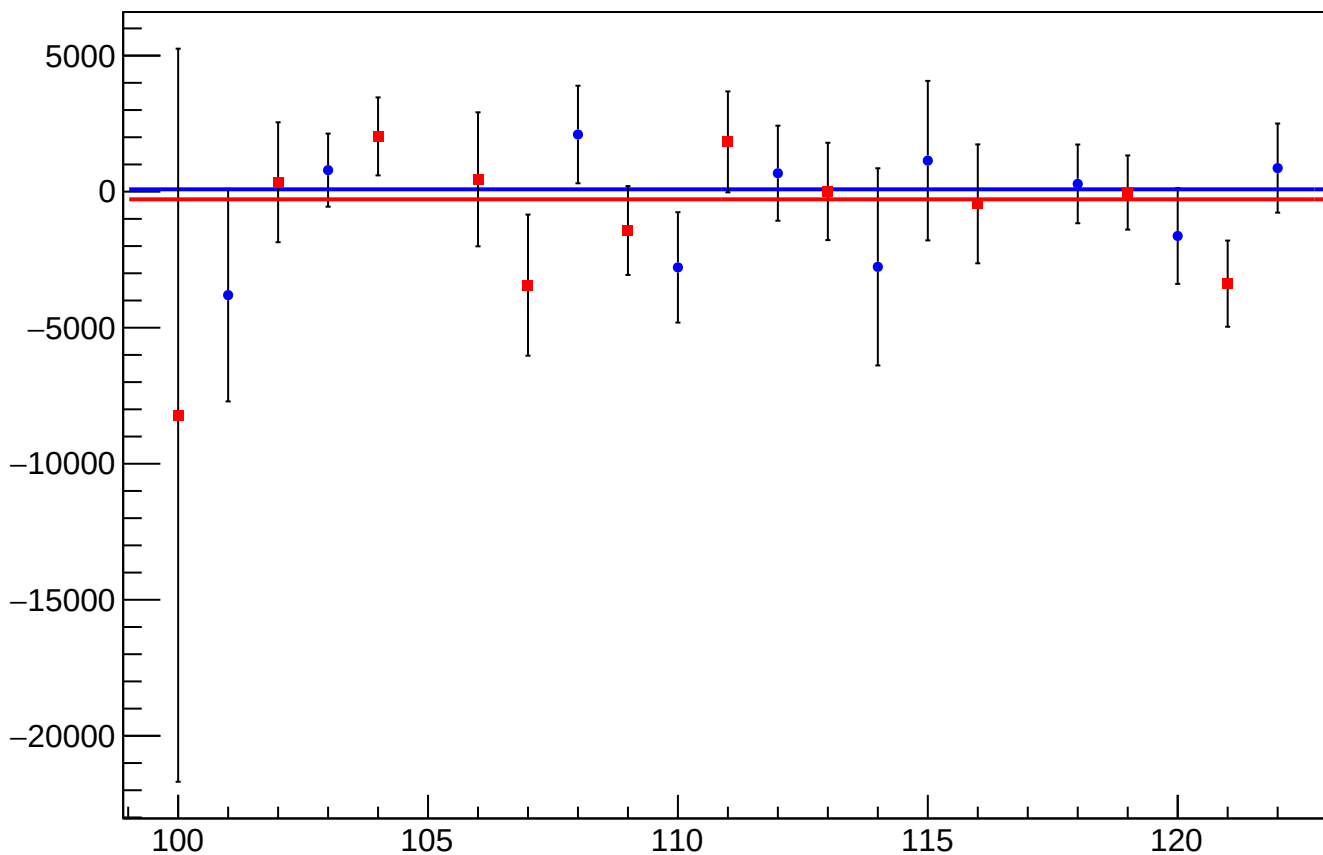
Right: 415.451+/-0.172 χ^2/NDF : 10363055.7/20

In: 436.372+/-0.258 χ^2/NDF : 5249602.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.451+/-0.172 χ^2/NDF : 10363055.7/20

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 85.708+/-590.610 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -281.589+/-564.655 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

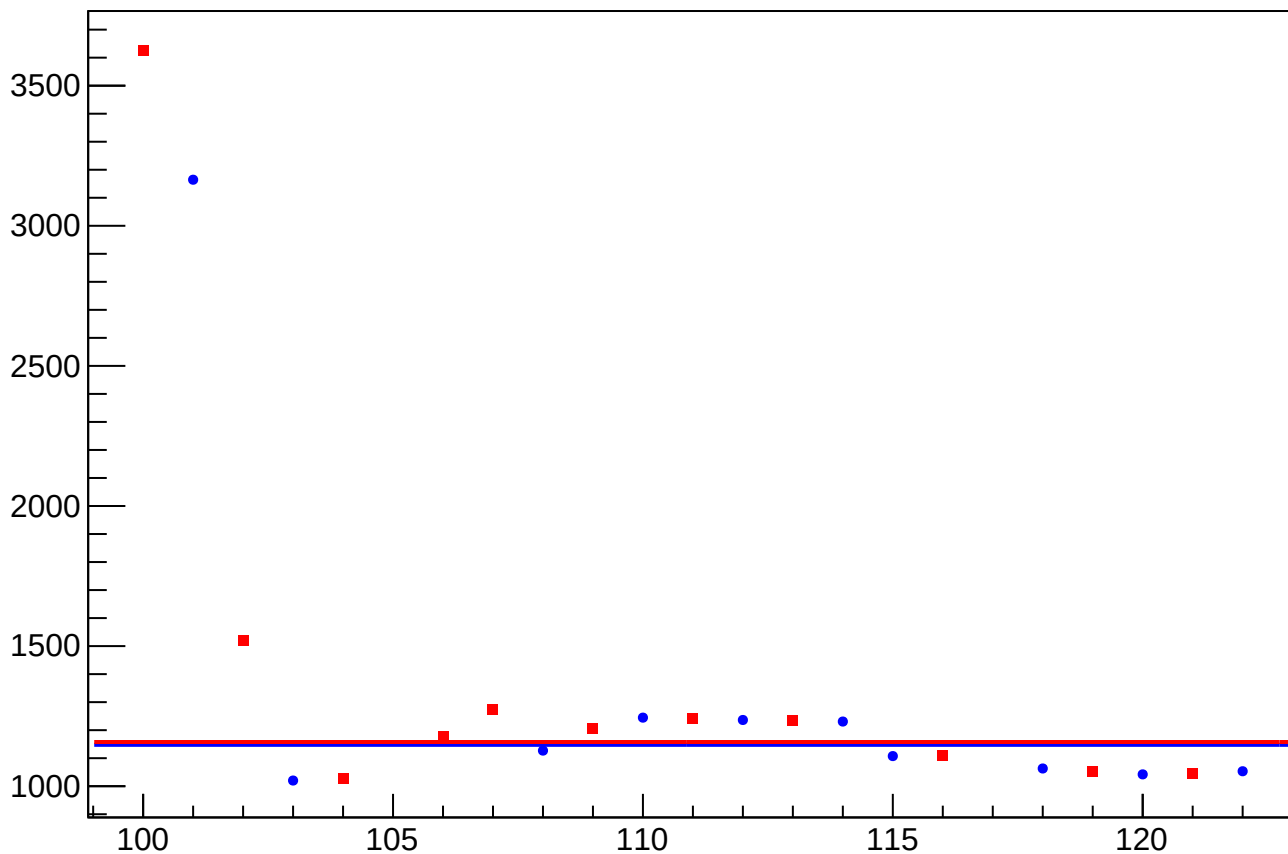
Right: -106.189+/-408.139 χ^2/NDF : 17.1/20

In: 85.708+/-590.610 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.189+/-408.139 χ^2/NDF : 17.1/20

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1147.638+/-0.418 χ^2/NDF : 582782.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1157.756+/-0.399 χ^2/NDF : 174694.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

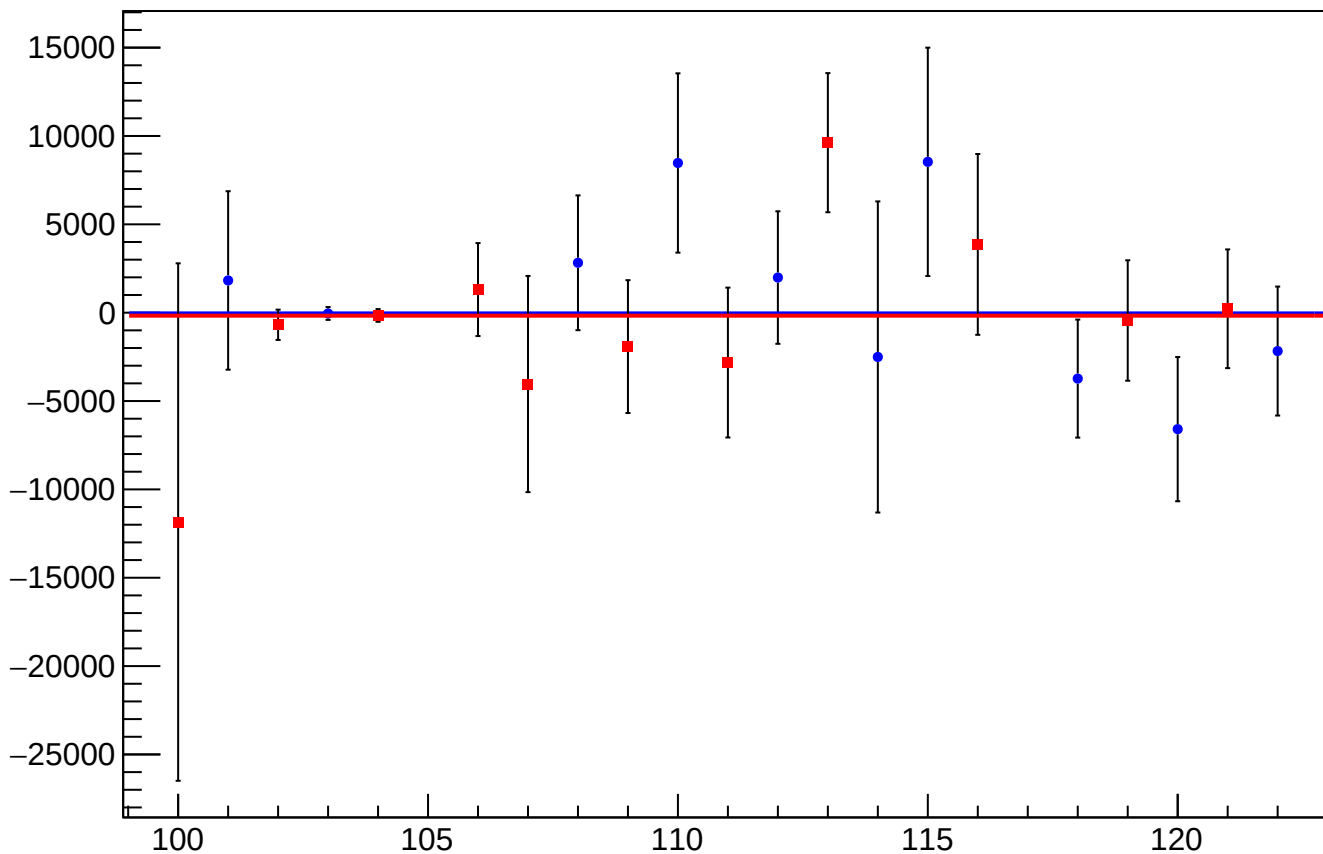
Right: 1152.929+/-0.288 χ^2/NDF : 757784.0/20

In: 1147.638+/-0.418 χ^2/NDF : 582782.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1152.929+/-0.288 χ^2/NDF : 757784.0/20

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -40.713+/-351.370 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -170.697+/-322.179 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

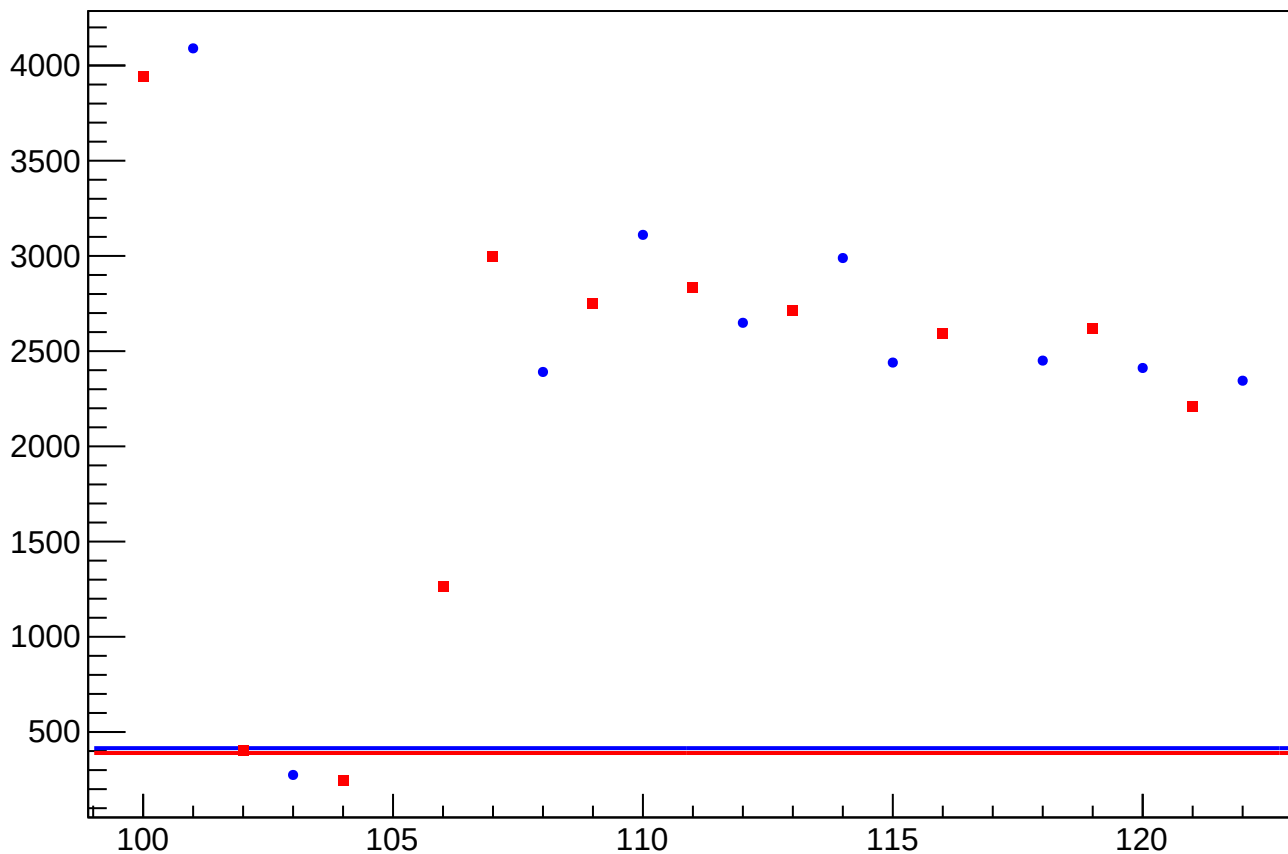
Right: -111.328+/-237.465 χ^2/NDF : 19.0/20

In: -40.713+/-351.370 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.328+/-237.465 χ^2/NDF : 19.0/20

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 415.299+/-0.248 χ^2/NDF : 5319496.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.738+/-0.228 χ^2/NDF : 4994094.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

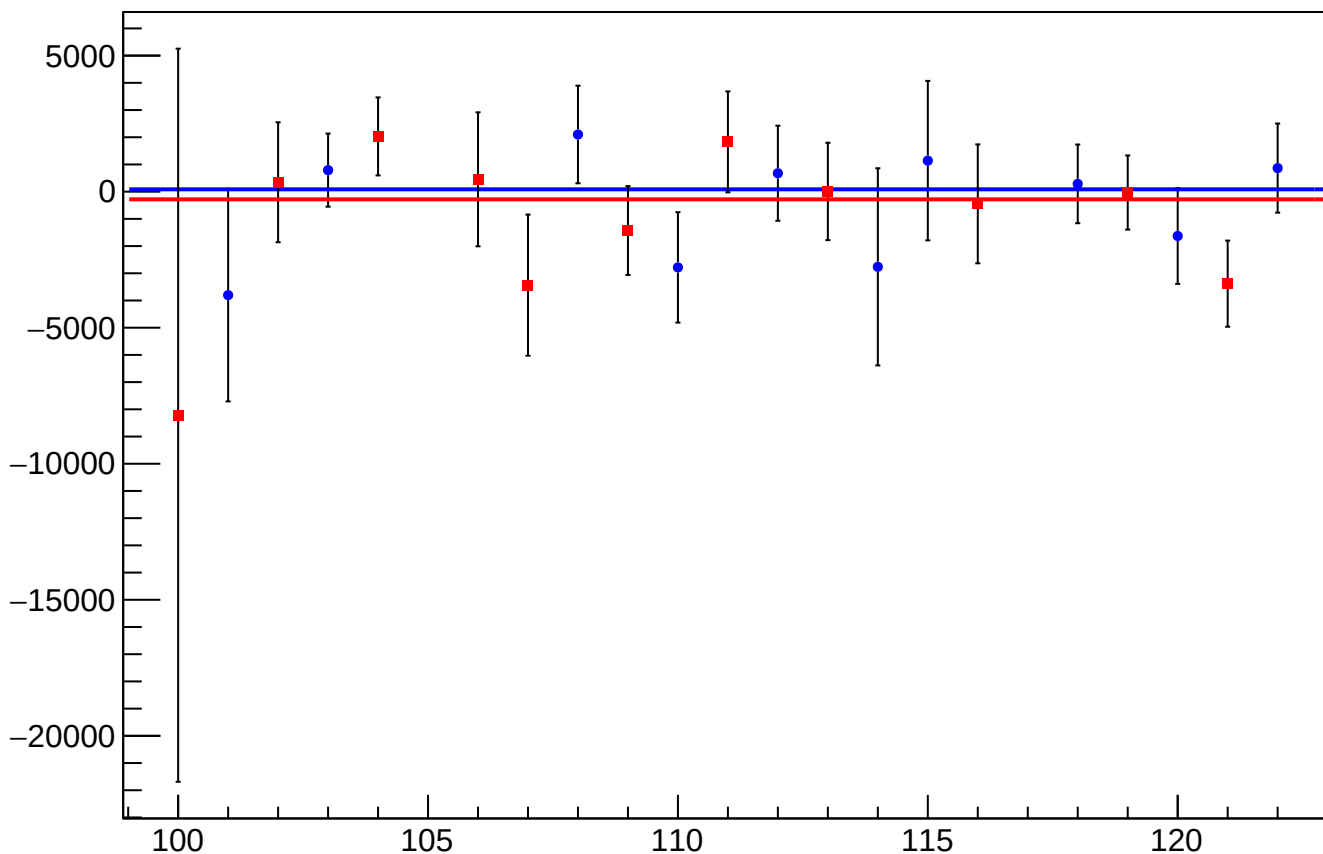
Right: 401.413+/-0.168 χ^2/NDF : 10319340.8/20

In: 415.299+/-0.248 χ^2/NDF : 5319496.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 401.413+/-0.168 χ^2/NDF : 10319340.8/20

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 85.708+/-590.610 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -281.589+/-564.655 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

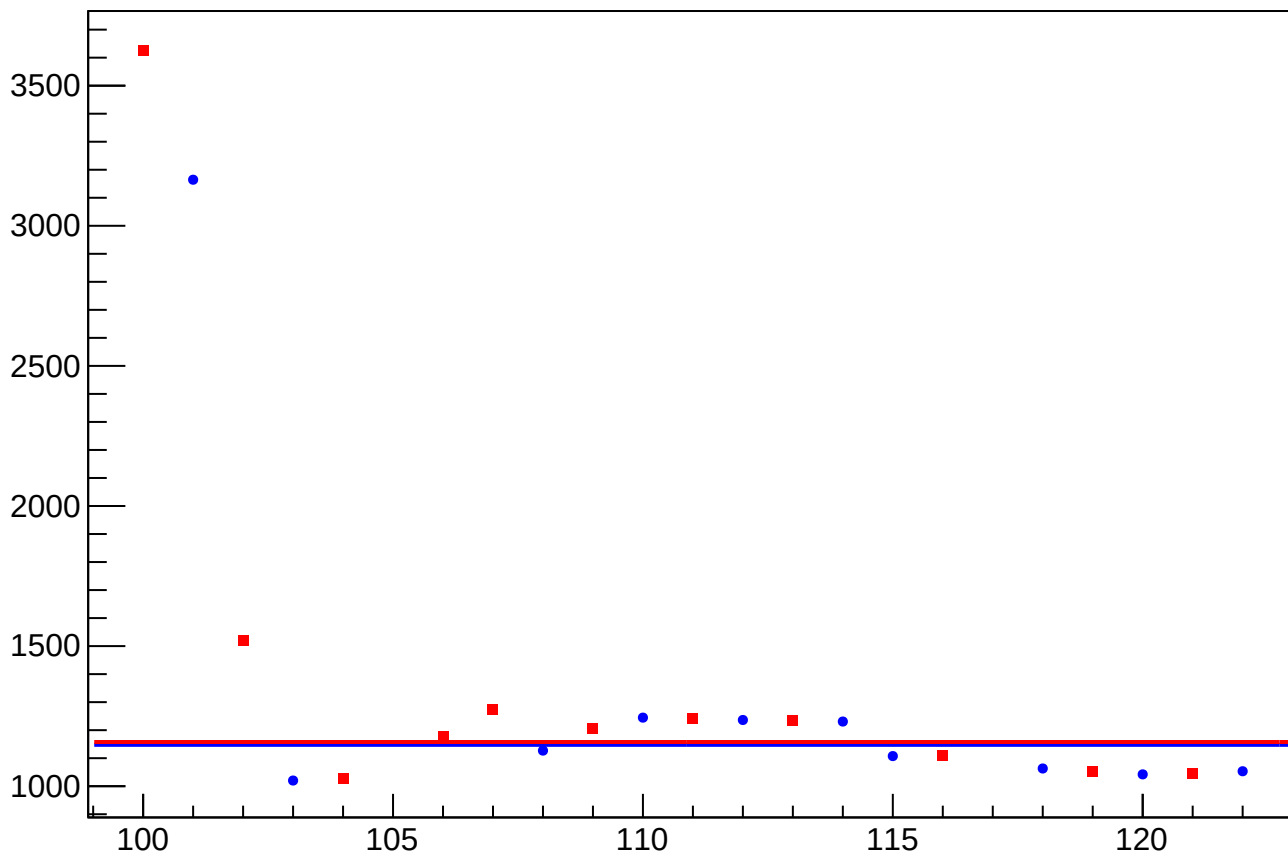
Right: -106.189+/-408.139 χ^2/NDF : 17.1/20

In: 85.708+/-590.610 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.189+/-408.139 χ^2/NDF : 17.1/20

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1147.638+/-0.418 χ^2/NDF : 582782.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1157.756+/-0.399 χ^2/NDF : 174694.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

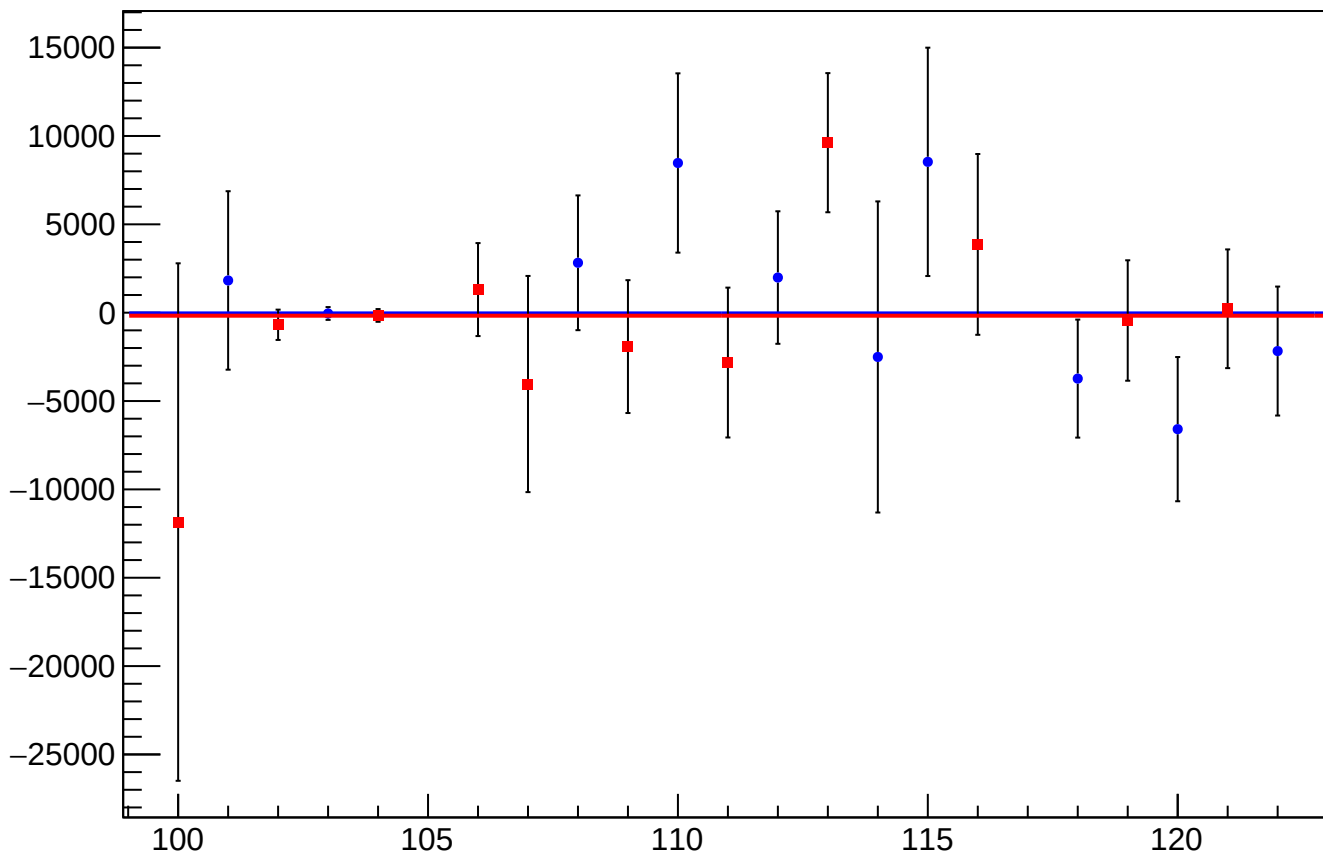
Right: 1152.929+/-0.288 χ^2/NDF : 757784.0/20

In: 1147.638+/-0.418 χ^2/NDF : 582782.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1152.929+/-0.288 χ^2/NDF : 757784.0/20

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -40.713+/-351.370 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -170.697+/-322.179 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

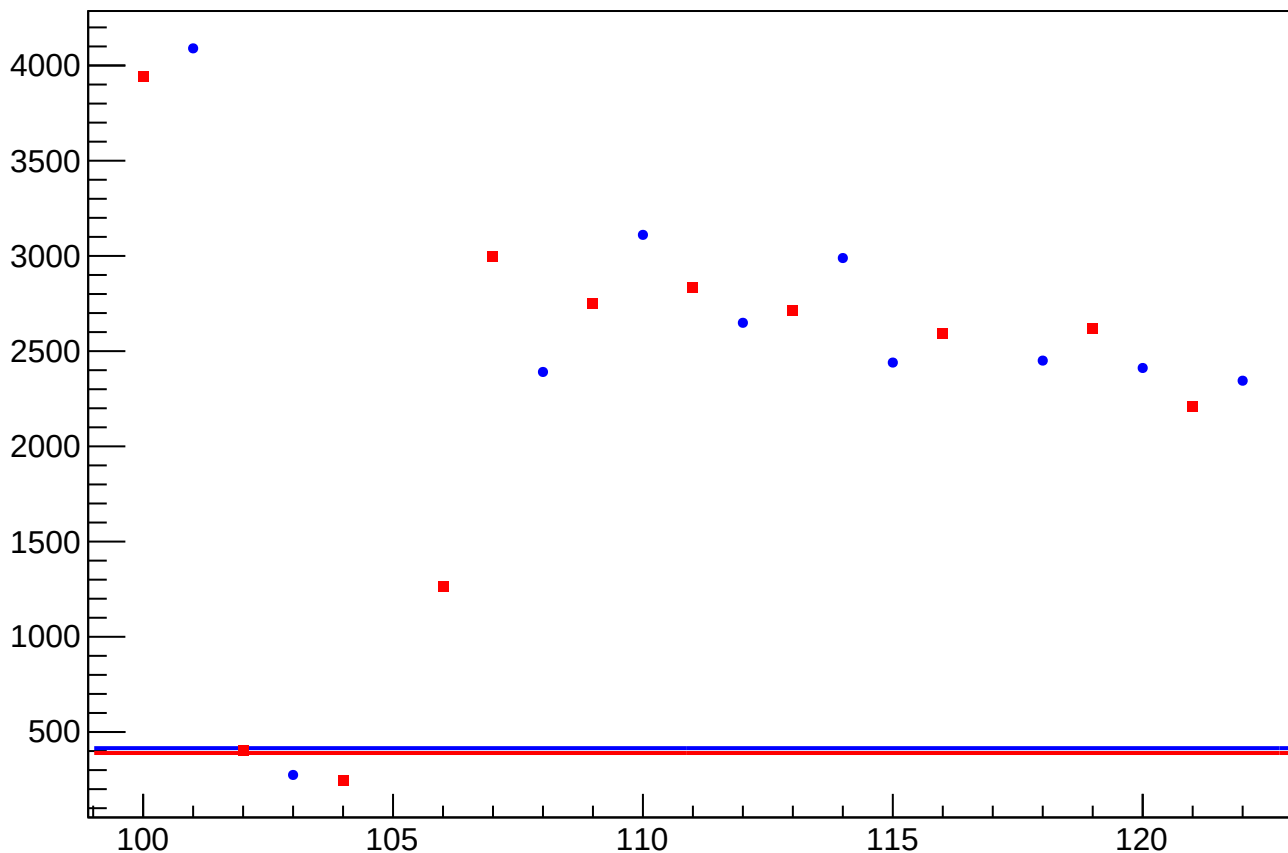
Right: -111.328+/-237.465 χ^2/NDF : 19.0/20

In: -40.713+/-351.370 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -111.328+/-237.465 χ^2/NDF : 19.0/20

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 415.299+/-0.248 χ^2/NDF : 5319496.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.738+/-0.228 χ^2/NDF : 4994094.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

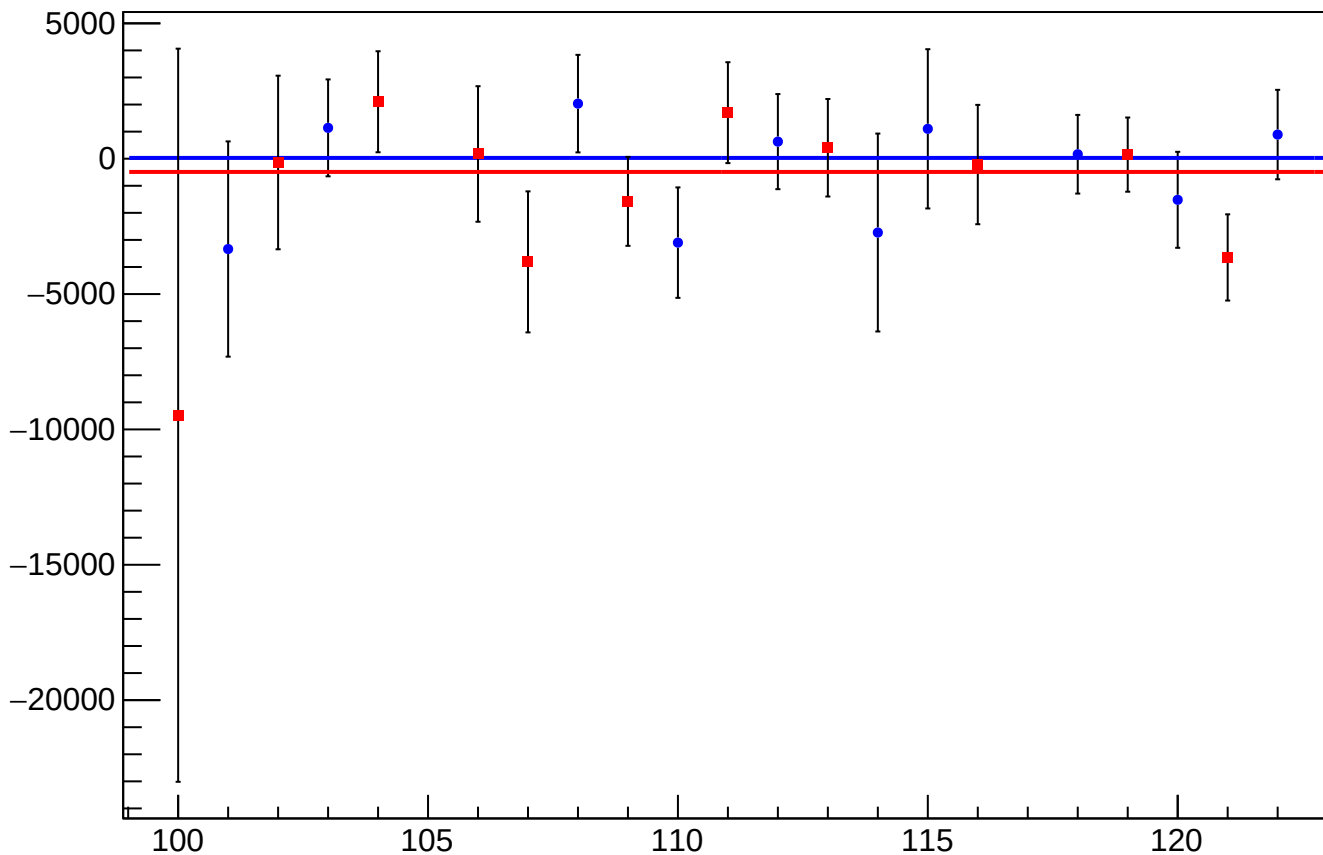
Right: 401.413+/-0.168 χ^2/NDF : 10319340.8/20

In: 415.299+/-0.248 χ^2/NDF : 5319496.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 401.413+/-0.168 χ^2/NDF : 10319340.8/20

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 29.019+/-620.574 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.841+/-597.966 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

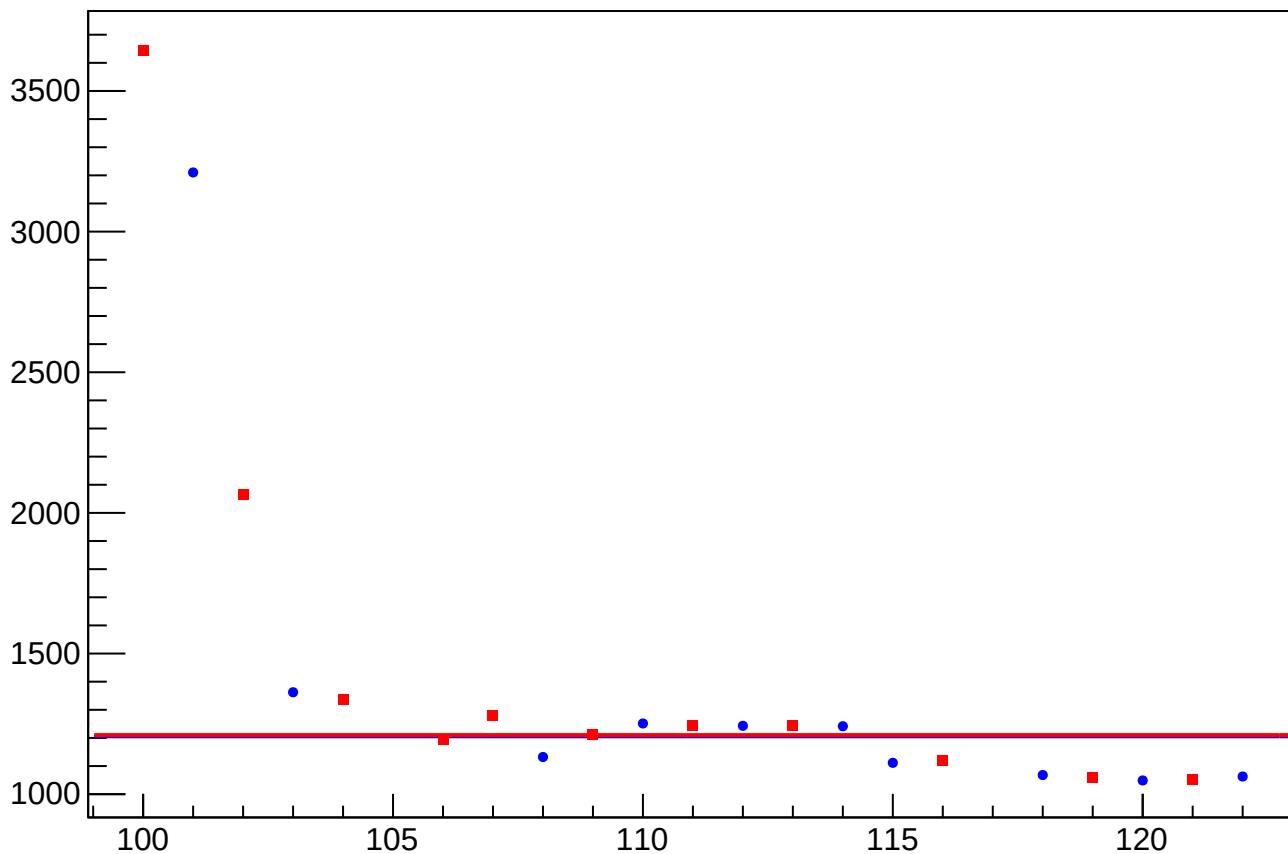
Right: -239.516+/-430.596 χ^2/NDF : 17.2/20

In: 29.019+/-620.574 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -239.516+/-430.596 χ^2/NDF : 17.2/20

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1205.925+/-0.439 χ^2/NDF : 579797.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1210.064+/-0.422 χ^2/NDF : 267270.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

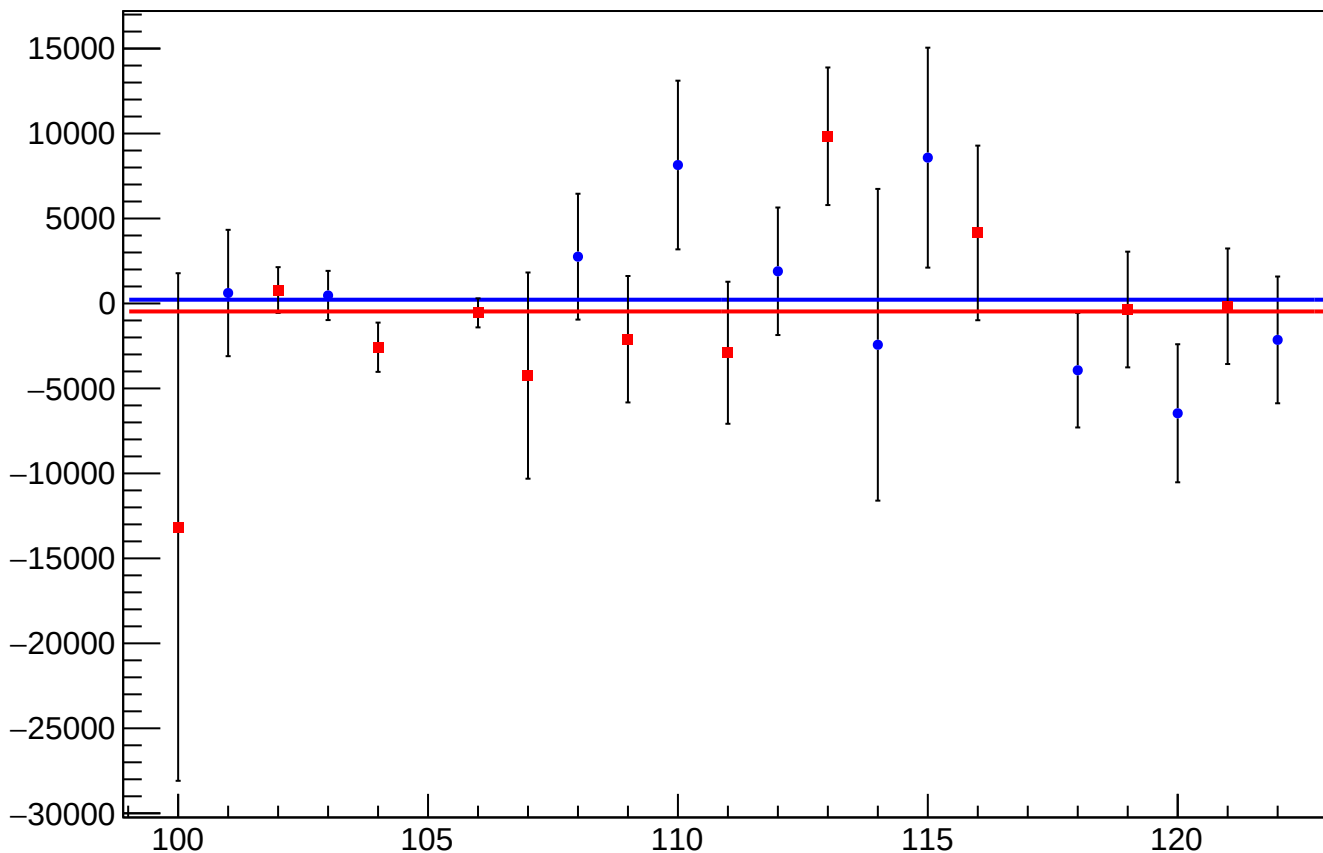
Right: 1208.073+/-0.304 χ^2/NDF : 847114.2/20

In: 1205.925+/-0.439 χ^2/NDF : 579797.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.073+/-0.304 χ^2/NDF : 847114.2/20

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 220.976+/-1004.732 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.147+/-594.254 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

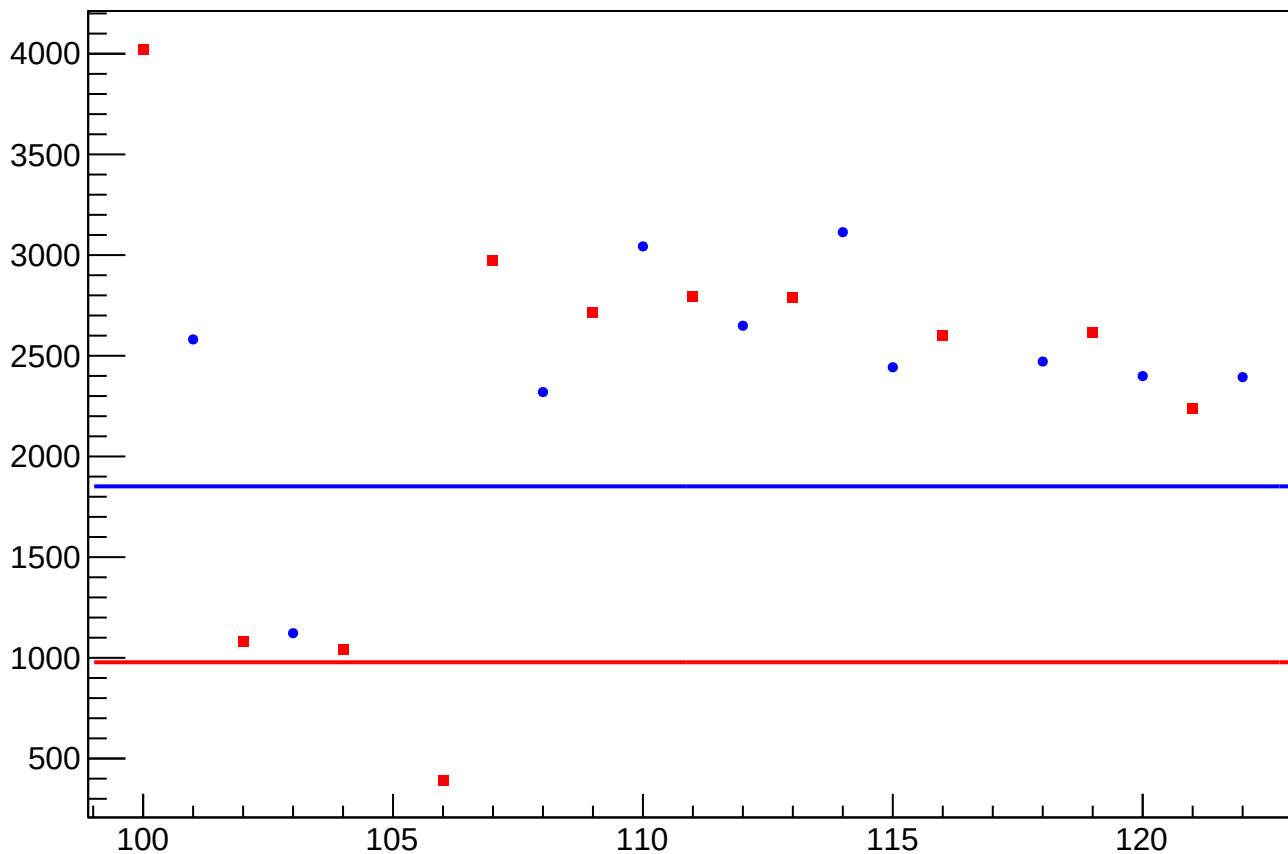
Right: -291.036+/-511.487 χ^2/NDF : 21.9/20

In: 220.976+/-1004.732 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -291.036+/-511.487 χ^2/NDF : 21.9/20

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1851.578+/-0.710 χ^2/NDF : 1023059.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.017+/-0.420 χ^2/NDF : 3413736.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

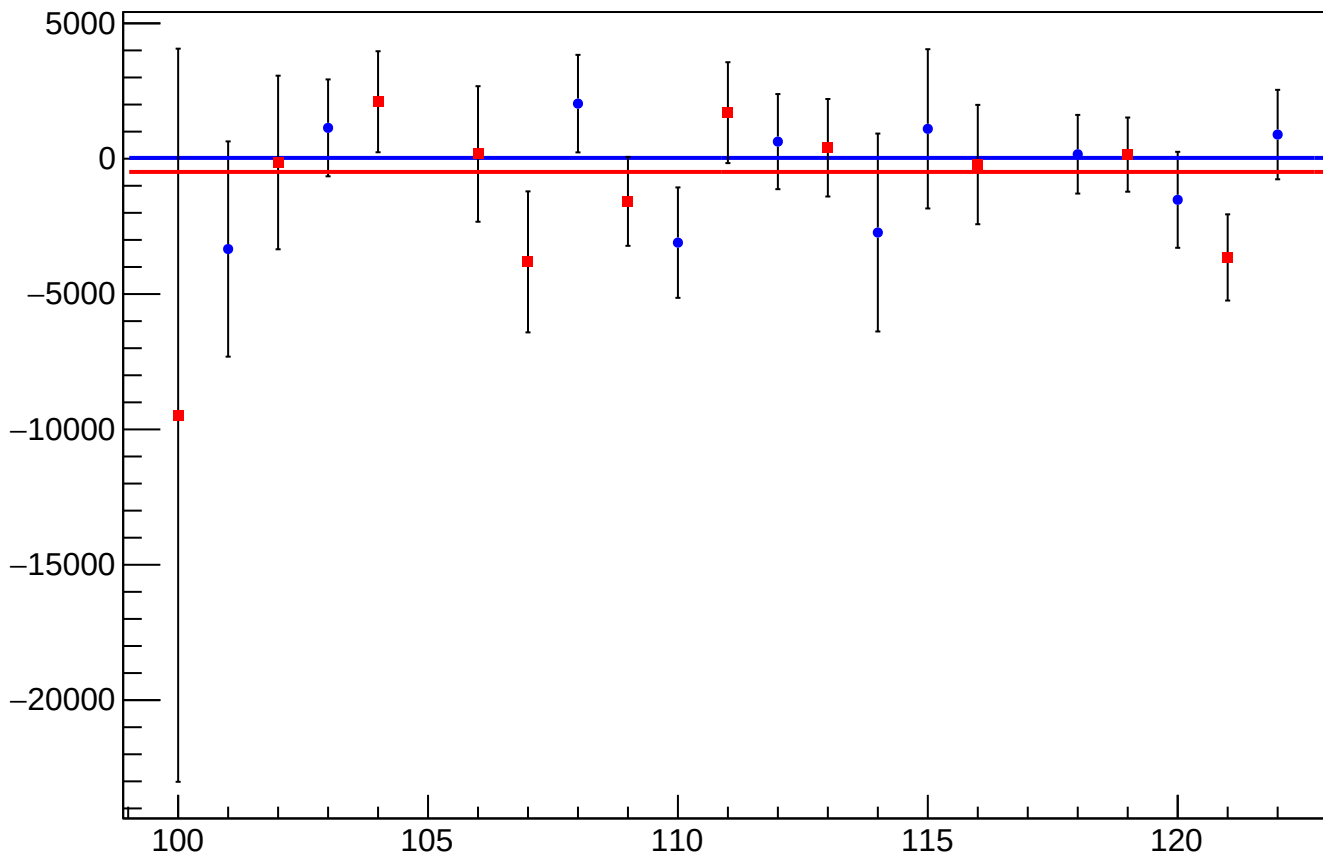
Right: 1204.409+/-0.362 χ^2/NDF : 5556852.7/20

In: 1851.578+/-0.710 χ^2/NDF : 1023059.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1204.409+/-0.362 χ^2/NDF : 5556852.7/20

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 29.022+/-620.574 χ^2/NDF : 6.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -488.847+/-597.965 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

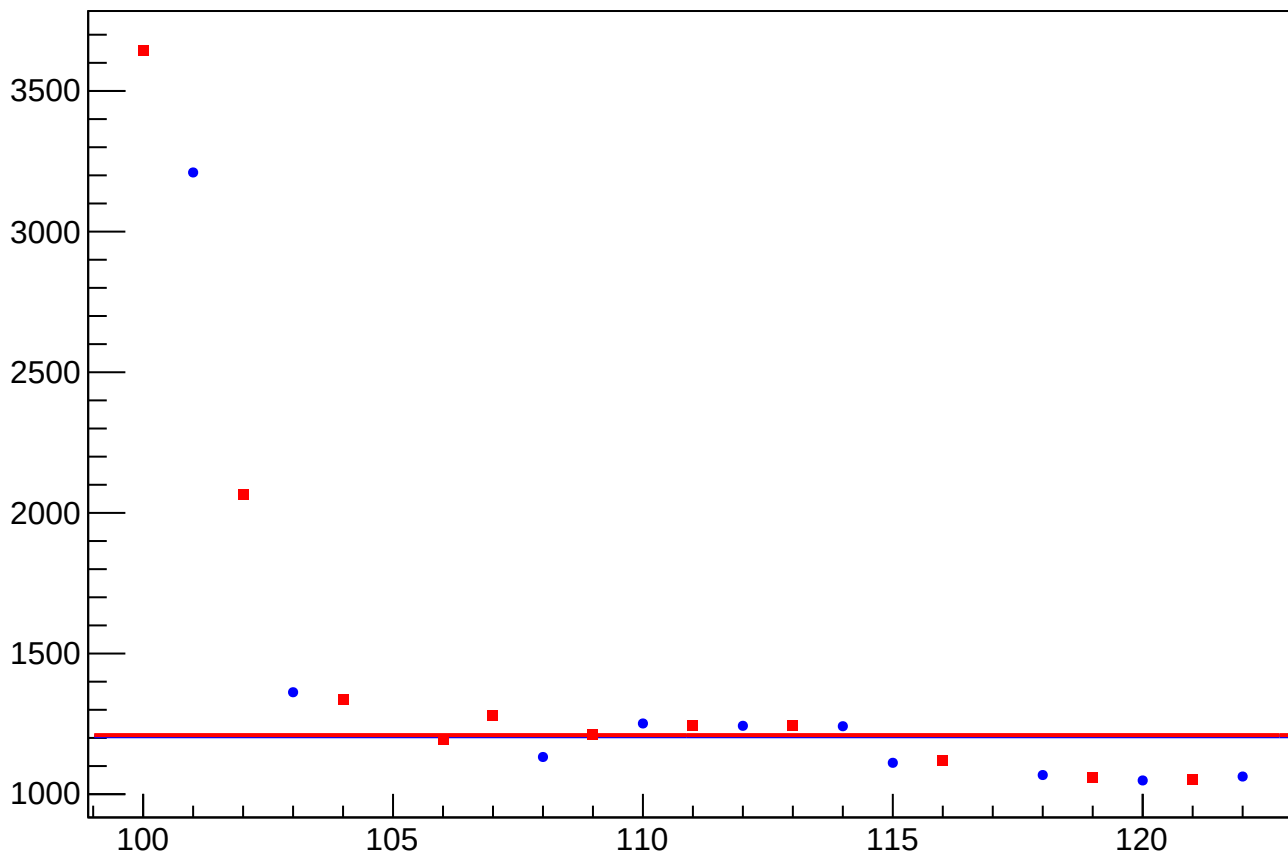
Right: -239.518+/-430.596 χ^2/NDF : 17.2/20

In: 29.022+/-620.574 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -239.518+/-430.596 χ^2/NDF : 17.2/20

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1205.925+/-0.439 χ^2/NDF : 579797.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1210.064+/-0.422 χ^2/NDF : 267270.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

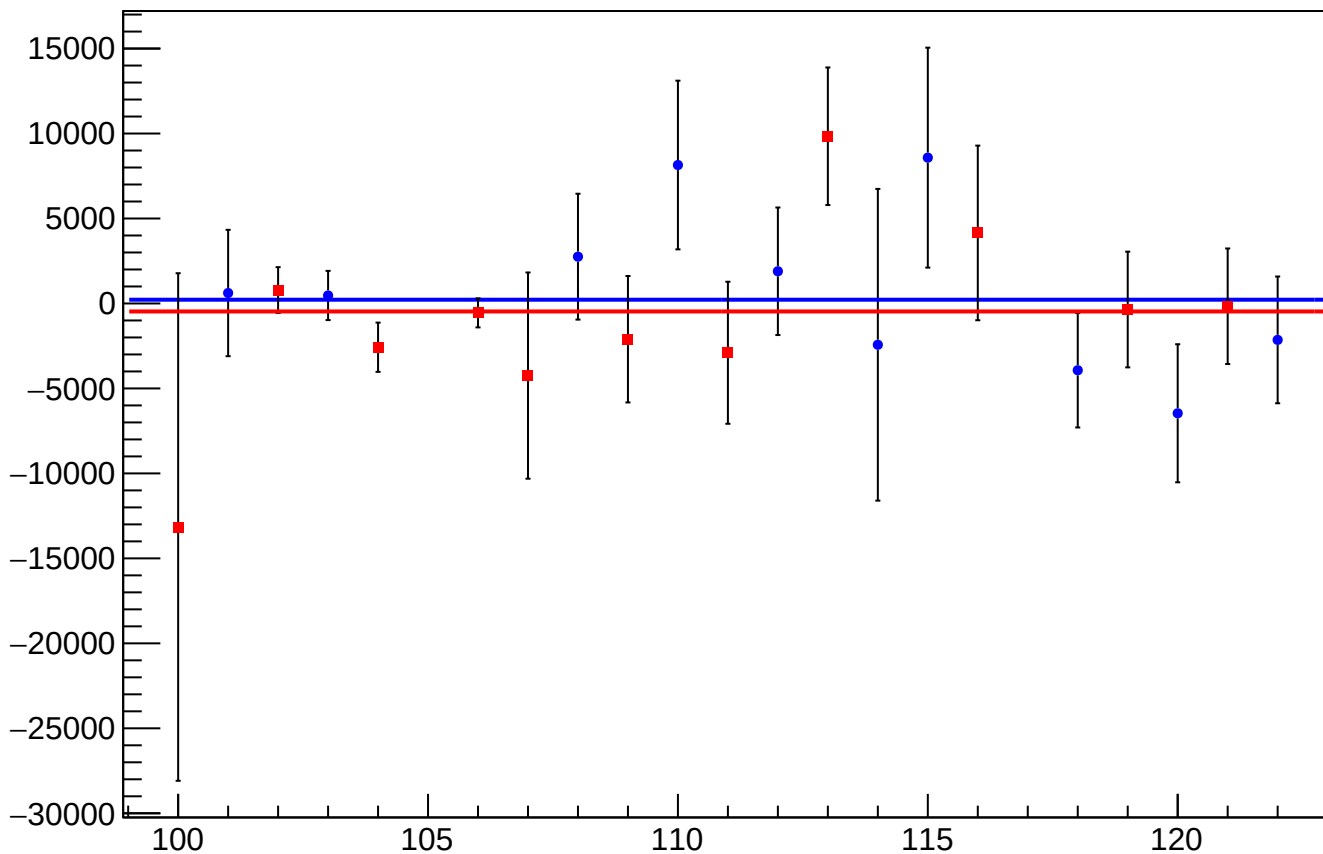
Right: 1208.073+/-0.304 χ^2/NDF : 847114.1/20

In: 1205.925+/-0.439 χ^2/NDF : 579797.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.073+/-0.304 χ^2/NDF : 847114.1/20

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 220.971 ± 1004.730 χ^2/NDF : 9.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -470.146 ± 594.246 χ^2/NDF : 11.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

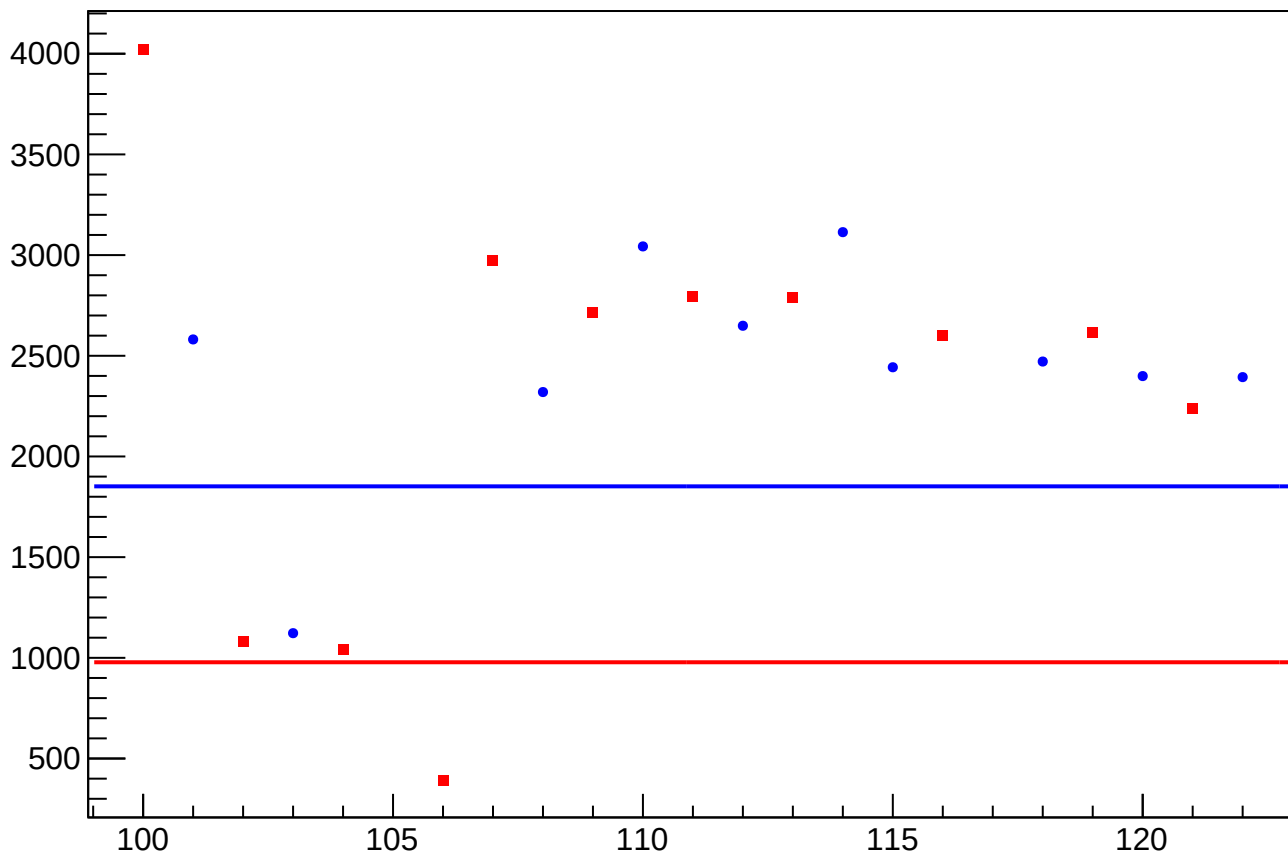
Right: -291.039 ± 511.481 χ^2/NDF : 21.9/20

In: 220.971 ± 1004.730 χ^2/NDF : 9.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -291.039 ± 511.481 χ^2/NDF : 21.9/20

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1851.575+/-0.710 χ^2/NDF : 1023053.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.997+/-0.420 χ^2/NDF : 3413817.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

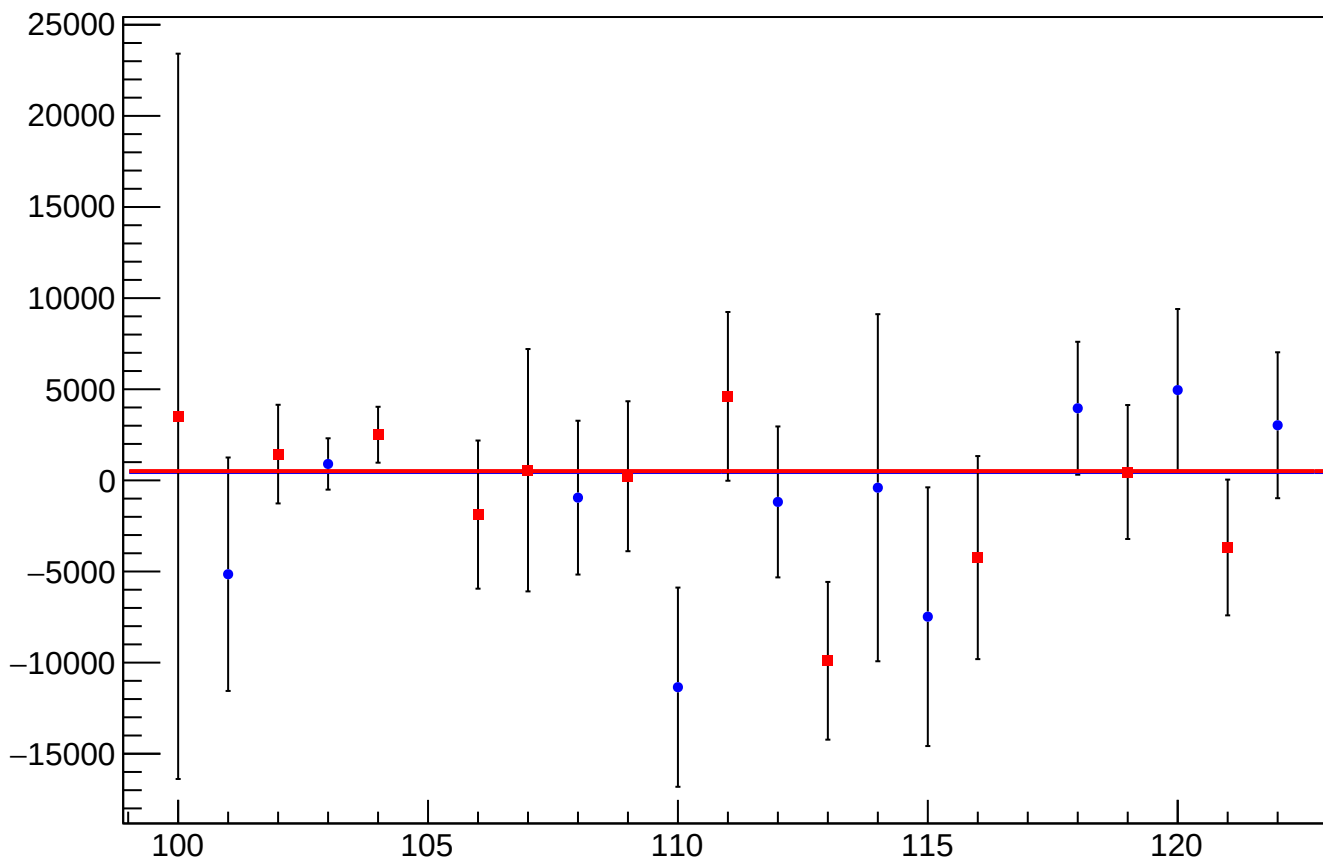
Right: 1204.389+/-0.362 χ^2/NDF : 5556984.8/20

In: 1851.575+/-0.710 χ^2/NDF : 1023053.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1204.389+/-0.362 χ^2/NDF : 5556984.8/20

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 458.328+/-1056.848 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.292+/-1007.654 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

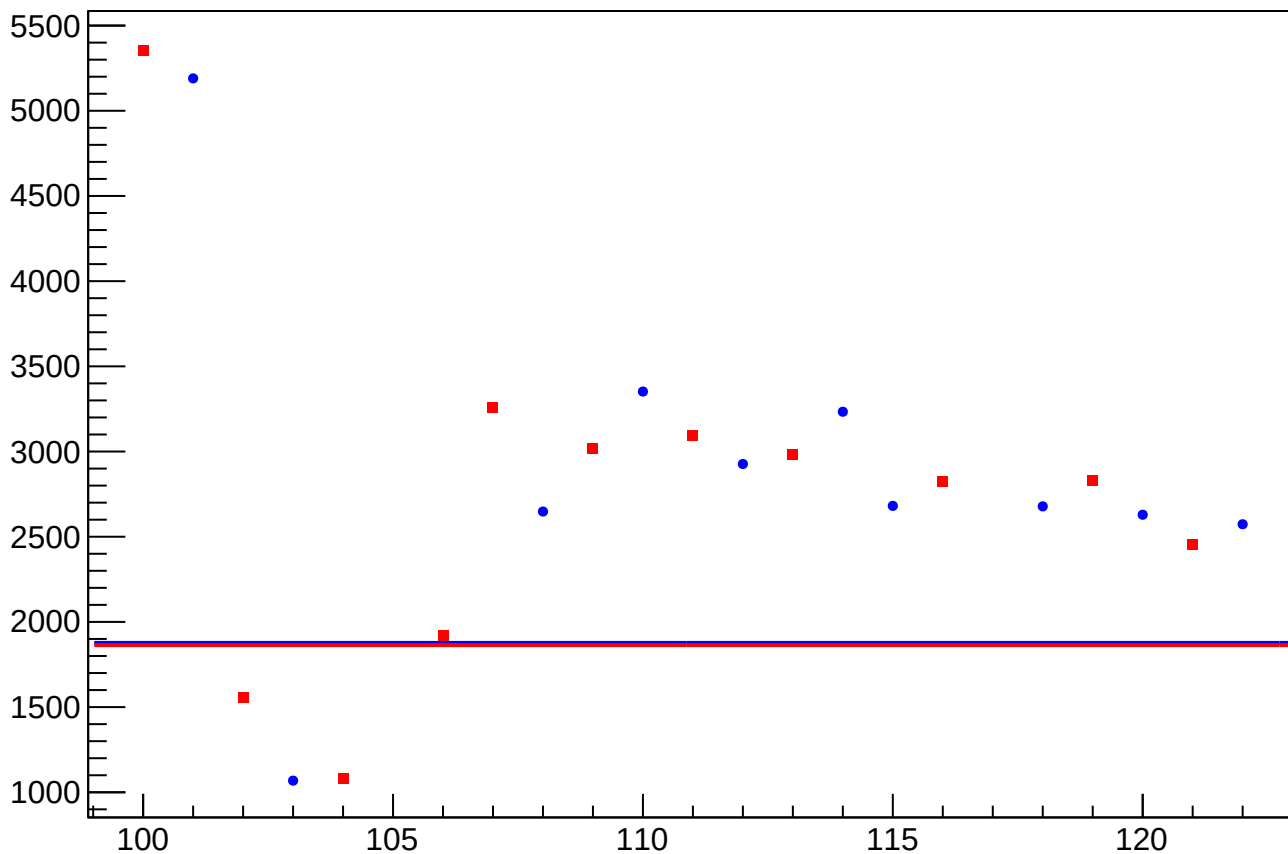
Right: 485.024+/-729.290 χ^2/NDF : 20.2/20

In: 458.328+/-1056.848 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.024+/-729.290 χ^2/NDF : 20.2/20

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1876.740+/-0.747 χ^2/NDF : 1815509.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1863.972+/-0.710 χ^2/NDF : 1375372.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

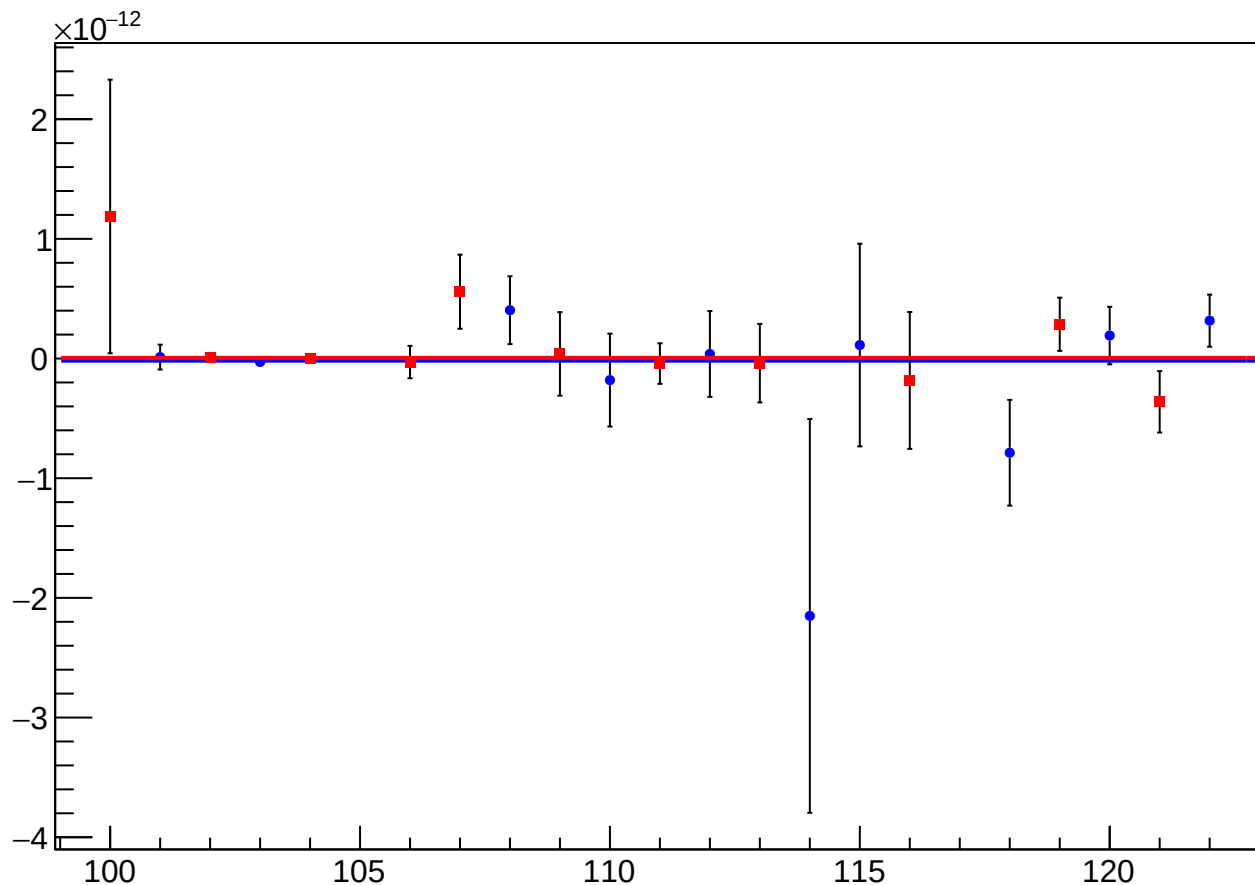
Right: 1870.033+/-0.515 χ^2/NDF : 3191035.2/20

In: 1876.740+/-0.747 χ^2/NDF : 1815509.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.033+/-0.515 χ^2/NDF : 3191035.2/20

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 : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

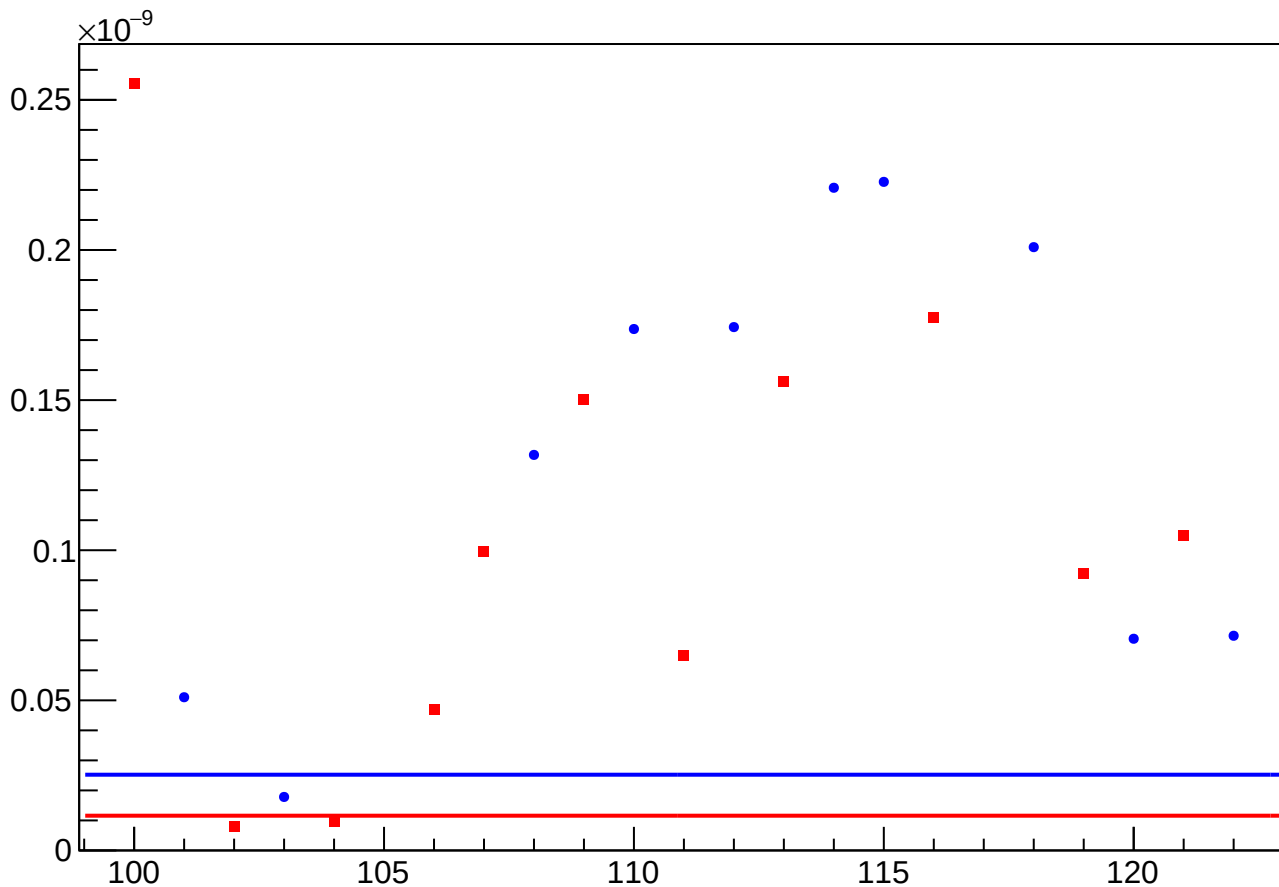
Right: 0.000+/-0.000 χ^2/NDF : 19.3/20

In: -0.000+/-0.000 χ^2/NDF : 10.5/9

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_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1790064.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2047086.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

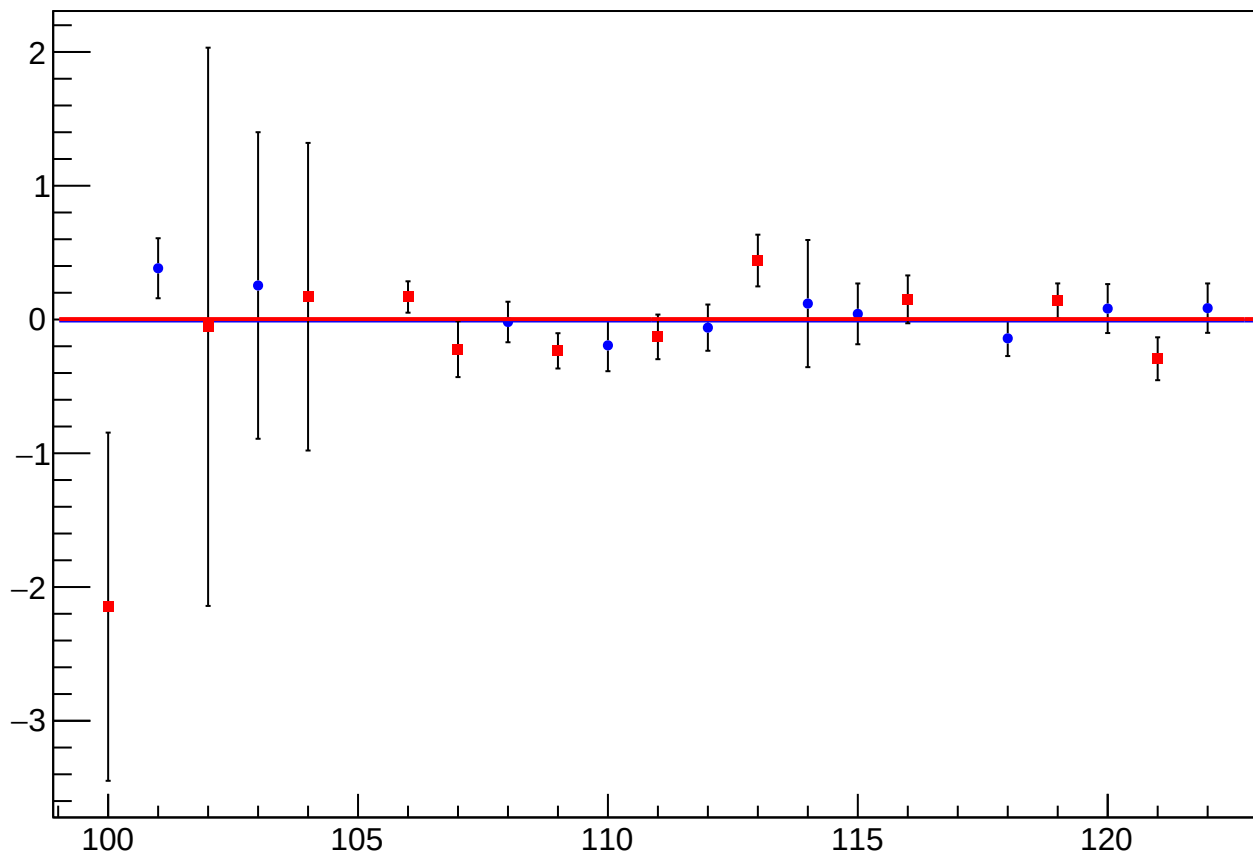
Right: 0.000+/-0.000 χ^2/NDF : 4225008.7/20

In: 0.000+/-0.000 χ^2/NDF : 1790064.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4225008.7/20

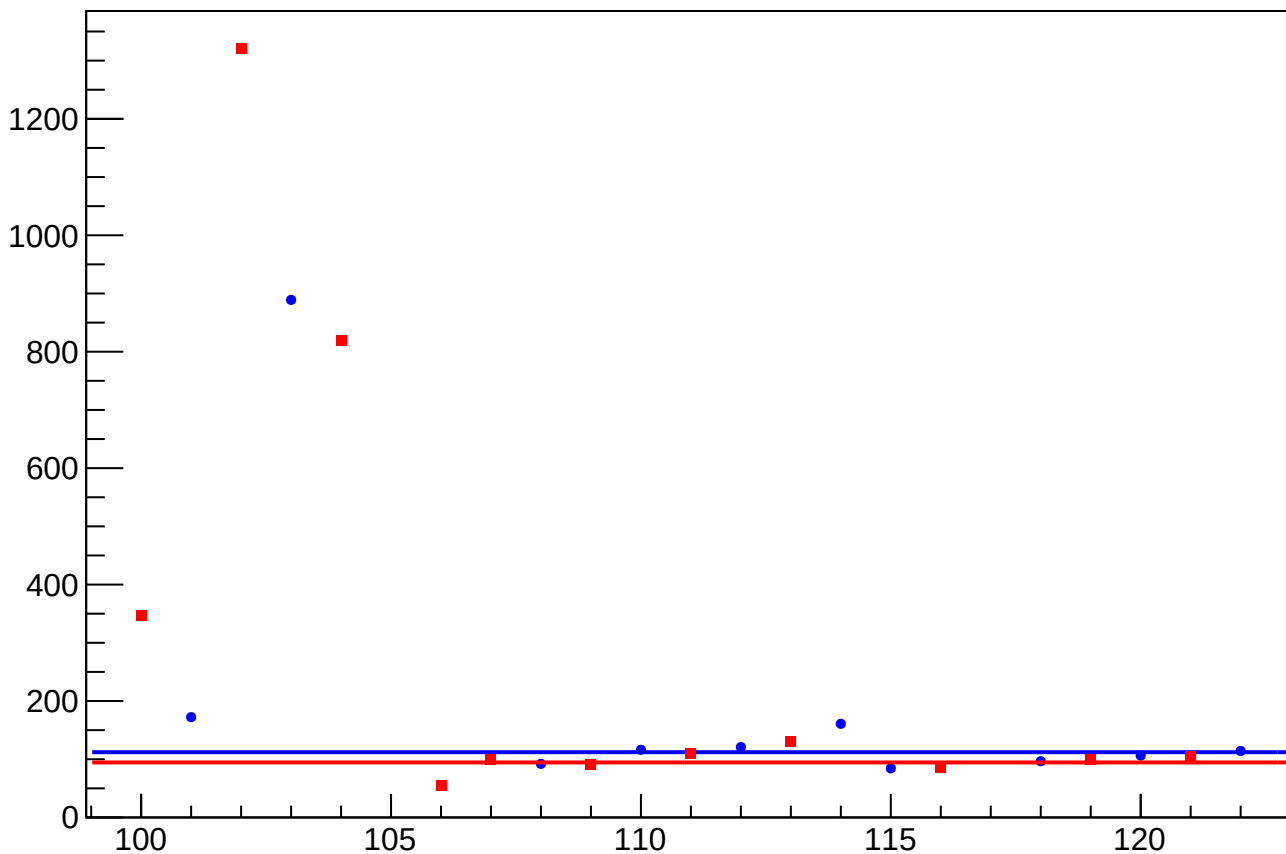
asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.061 χ^2 /NDF: 5.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.003 $\pm$ 0.054 χ^2 /NDF: 20.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.001 $\pm$ 0.040 χ^2 /NDF: 25.8/20
 In: -0.007 $\pm$ 0.061 χ^2 /NDF:5.7/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.001 $\pm$ 0.040 χ^2 /NDF: 25.8/20

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.103+/-0.043 χ^2/NDF : 1184880.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.485+/-0.038 χ^2/NDF : 1891155.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

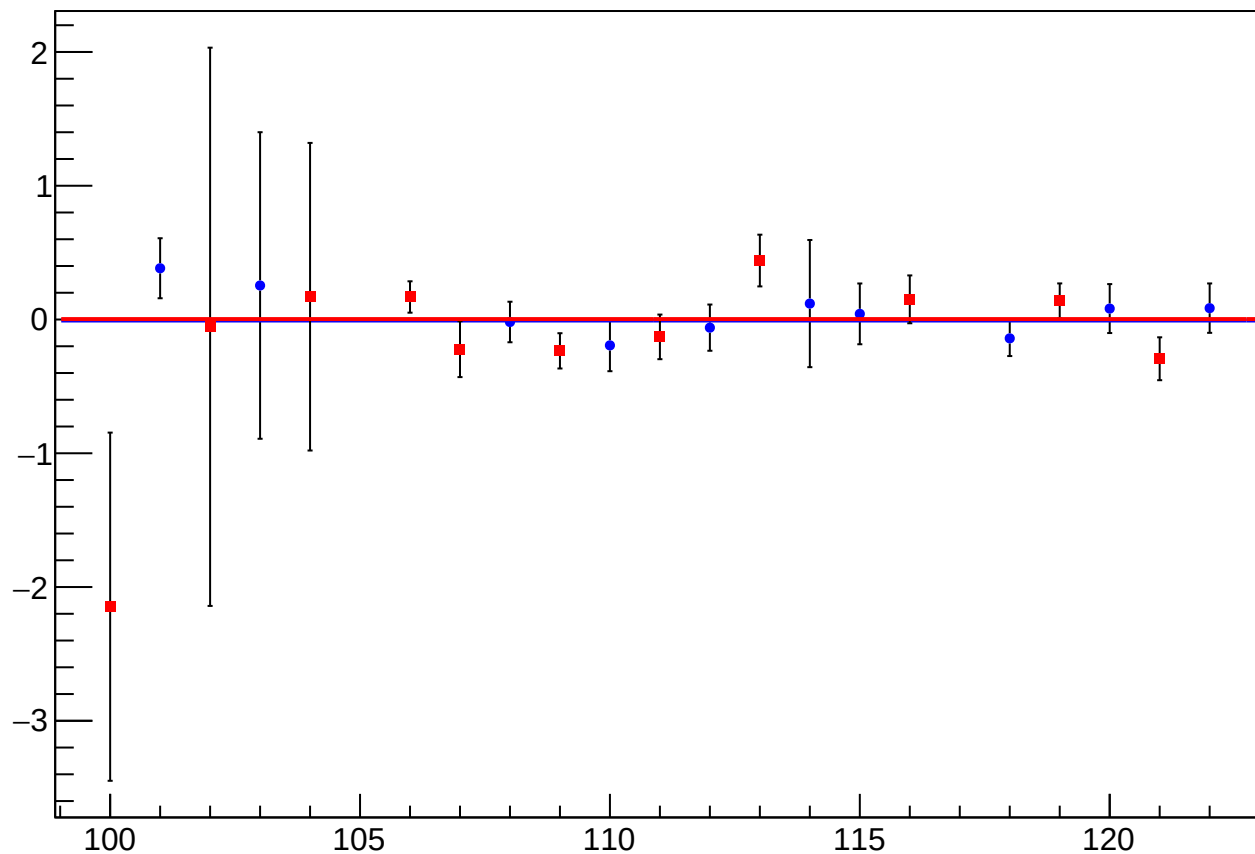
Right: 102.118+/-0.029 χ^2/NDF : 3169082.6/20

In: 112.103+/-0.043 χ^2/NDF : 1184880.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.118+/-0.029 χ^2/NDF : 3169082.6/20

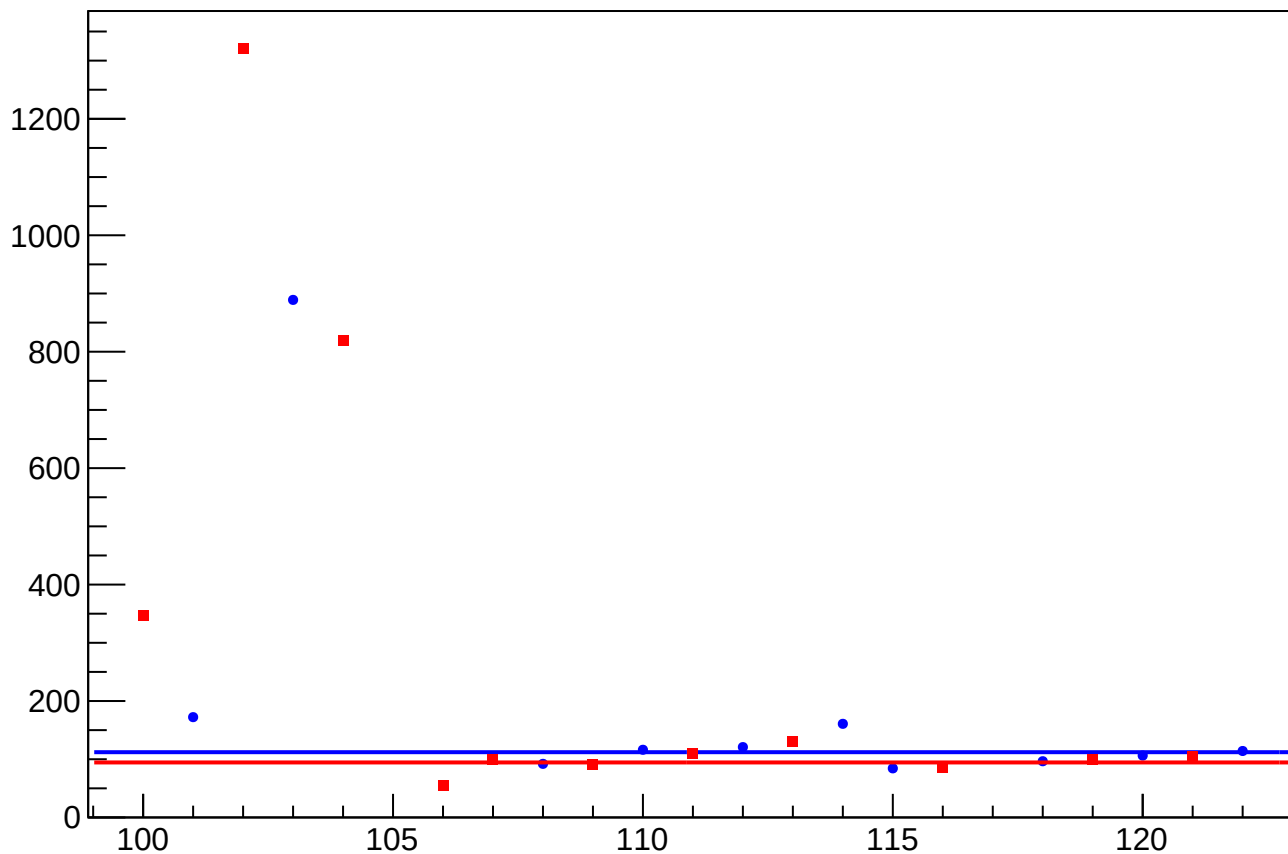
asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.061 χ^2 /NDF: 5.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.003 $\pm$ 0.054 χ^2 /NDF: 20.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.001 $\pm$ 0.040 χ^2 /NDF: 25.8/20
 In: -0.007 $\pm$ 0.061 χ^2 /NDF:5.7/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.001 $\pm$ 0.040 χ^2 /NDF: 25.8/20

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.103+/-0.043 χ^2/NDF : 1184880.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.485+/-0.038 χ^2/NDF : 1891155.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

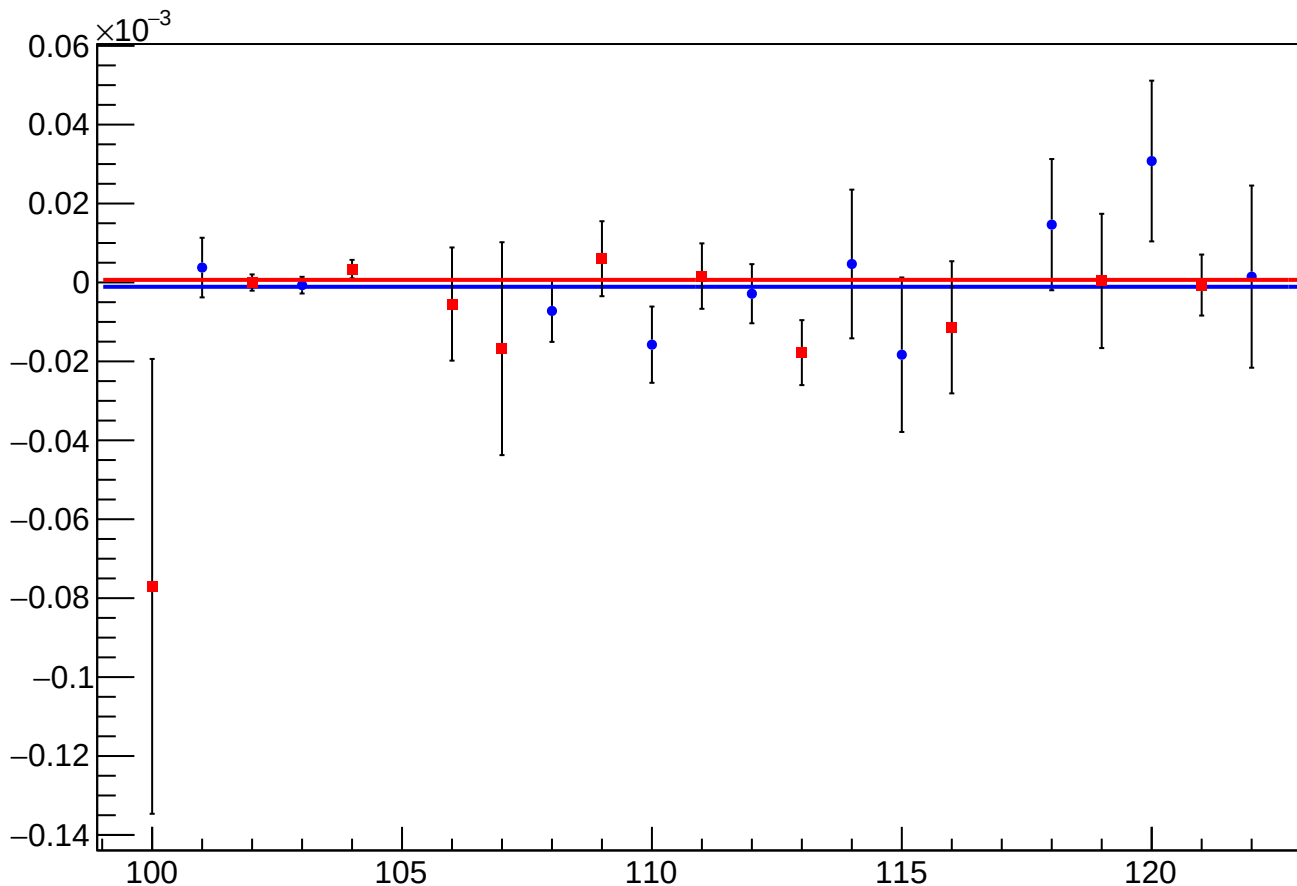
Right: 102.118+/-0.029 χ^2/NDF : 3169082.6/20

In: 112.103+/-0.043 χ^2/NDF : 1184880.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.118+/-0.029 χ^2/NDF : 3169082.6/20

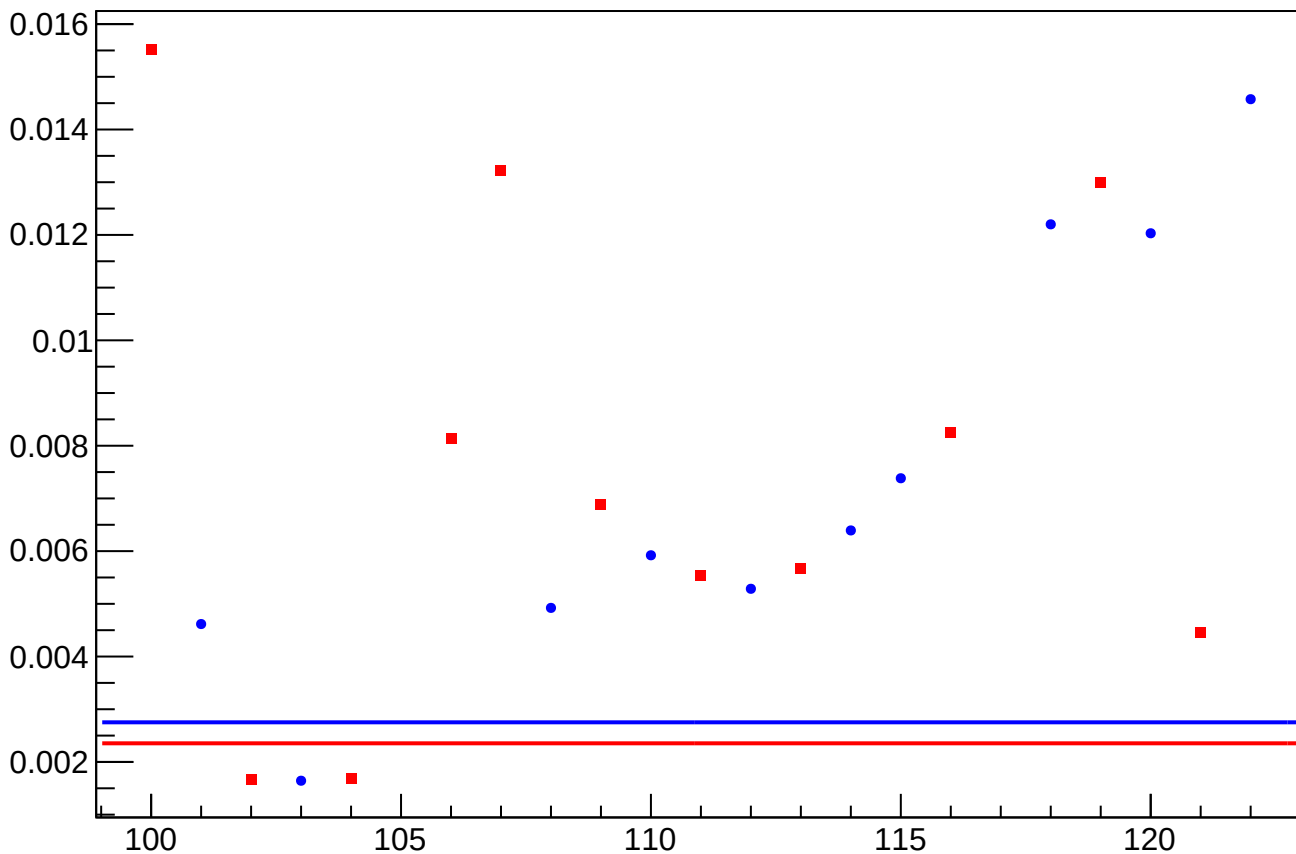
asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/9
 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 : 18.0/20
 In: -0.000+/-0.000 χ^2/NDF :7.6/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 18.0/20

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 : 3041873.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3398969.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

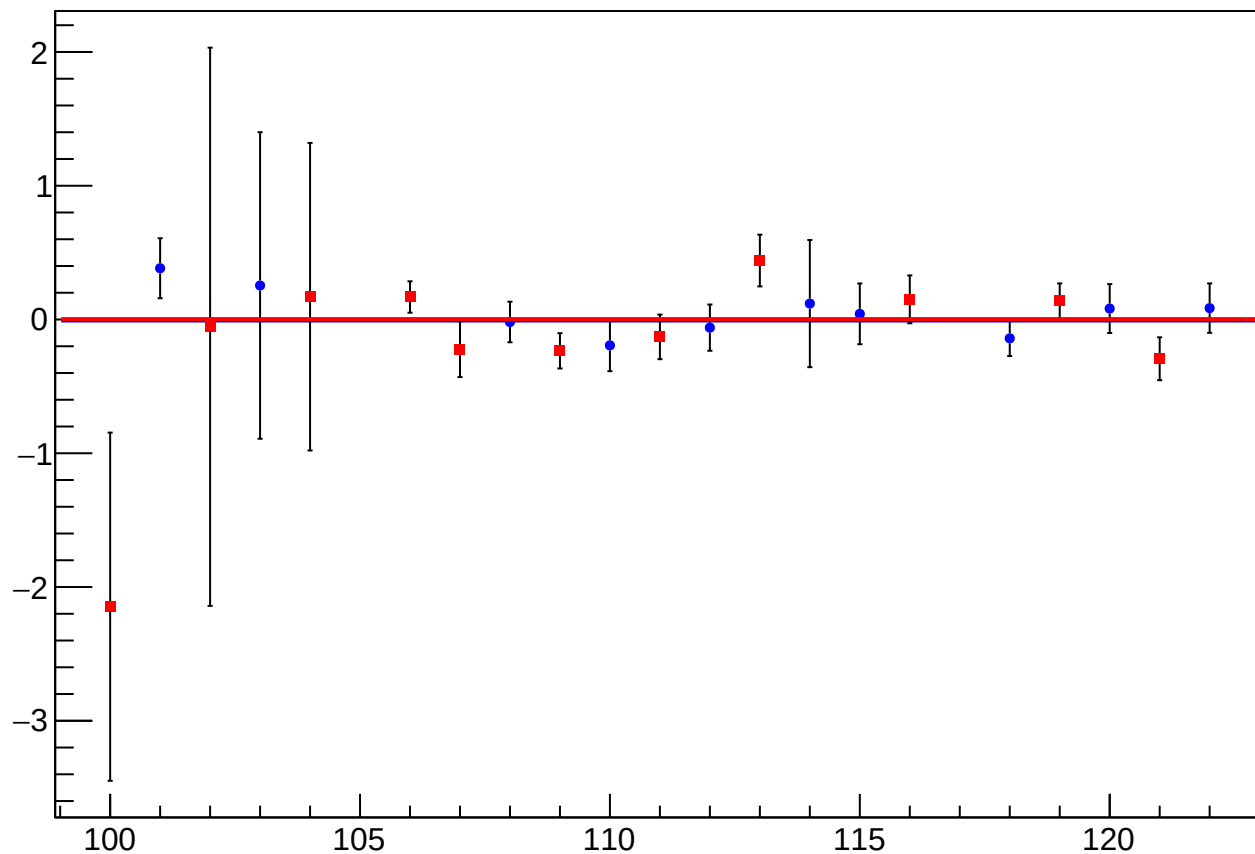
Right: 0.003+/-0.000 χ^2/NDF : 6499782.6/20

In: 0.003+/-0.000 χ^2/NDF :3041873.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6499782.6/20

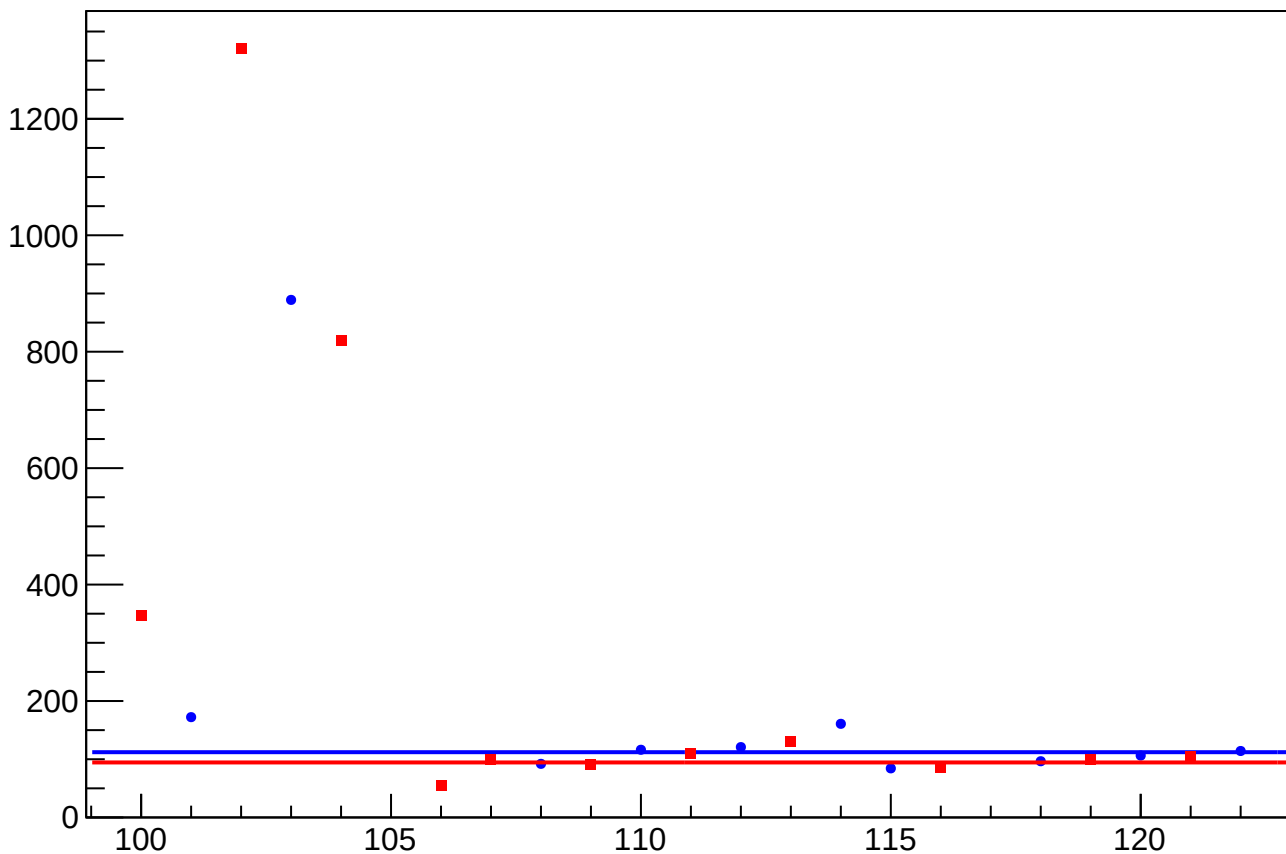
asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.061 χ^2 /NDF: 5.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.003 $\pm$ 0.054 χ^2 /NDF: 20.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.001 $\pm$ 0.040 χ^2 /NDF: 25.8/20
 In: -0.007 $\pm$ 0.061 χ^2 /NDF:5.7/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.001 $\pm$ 0.040 χ^2 /NDF: 25.8/20

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.103+/-0.043 χ^2/NDF : 1184867.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.484+/-0.038 χ^2/NDF : 1891223.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

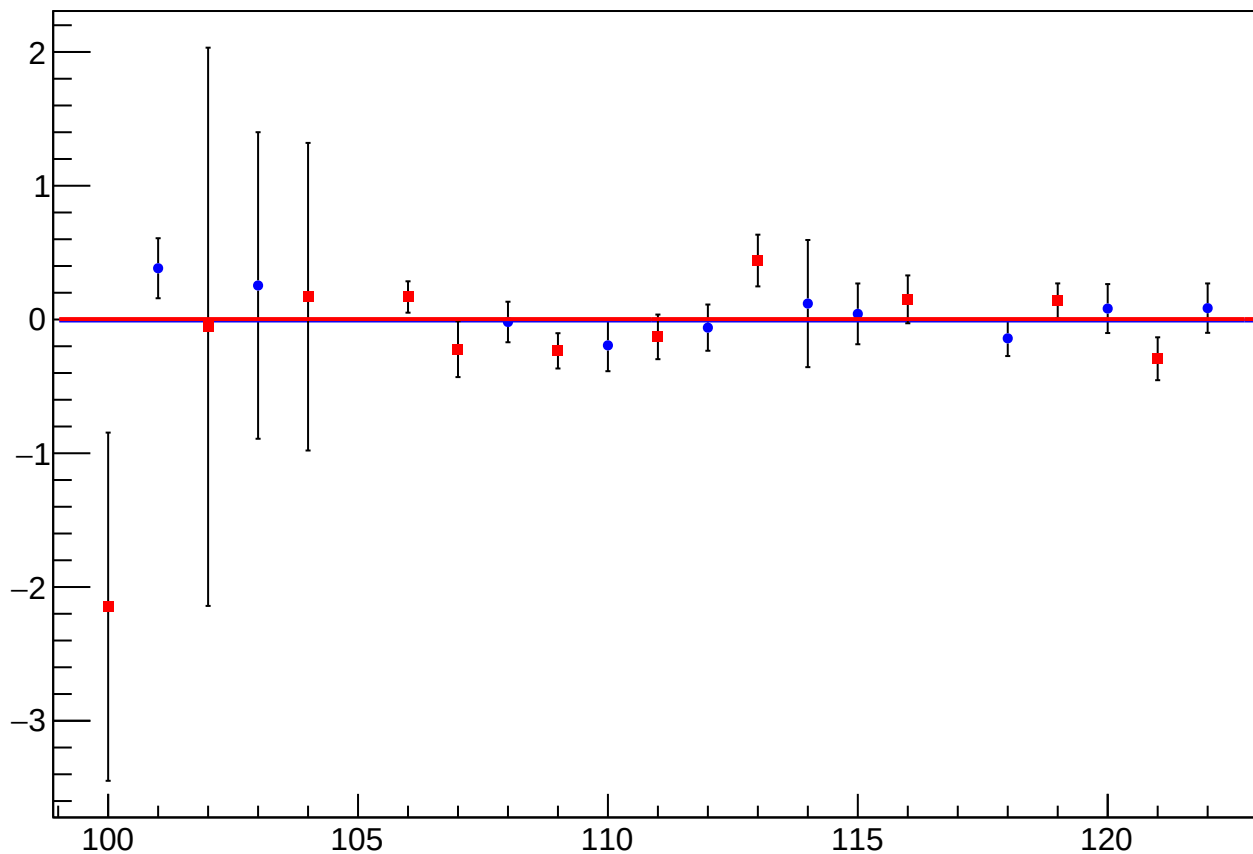
Right: 102.117+/-0.029 χ^2/NDF : 3169156.1/20

In: 112.103+/-0.043 χ^2/NDF : 1184867.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.117+/-0.029 χ^2/NDF : 3169156.1/20

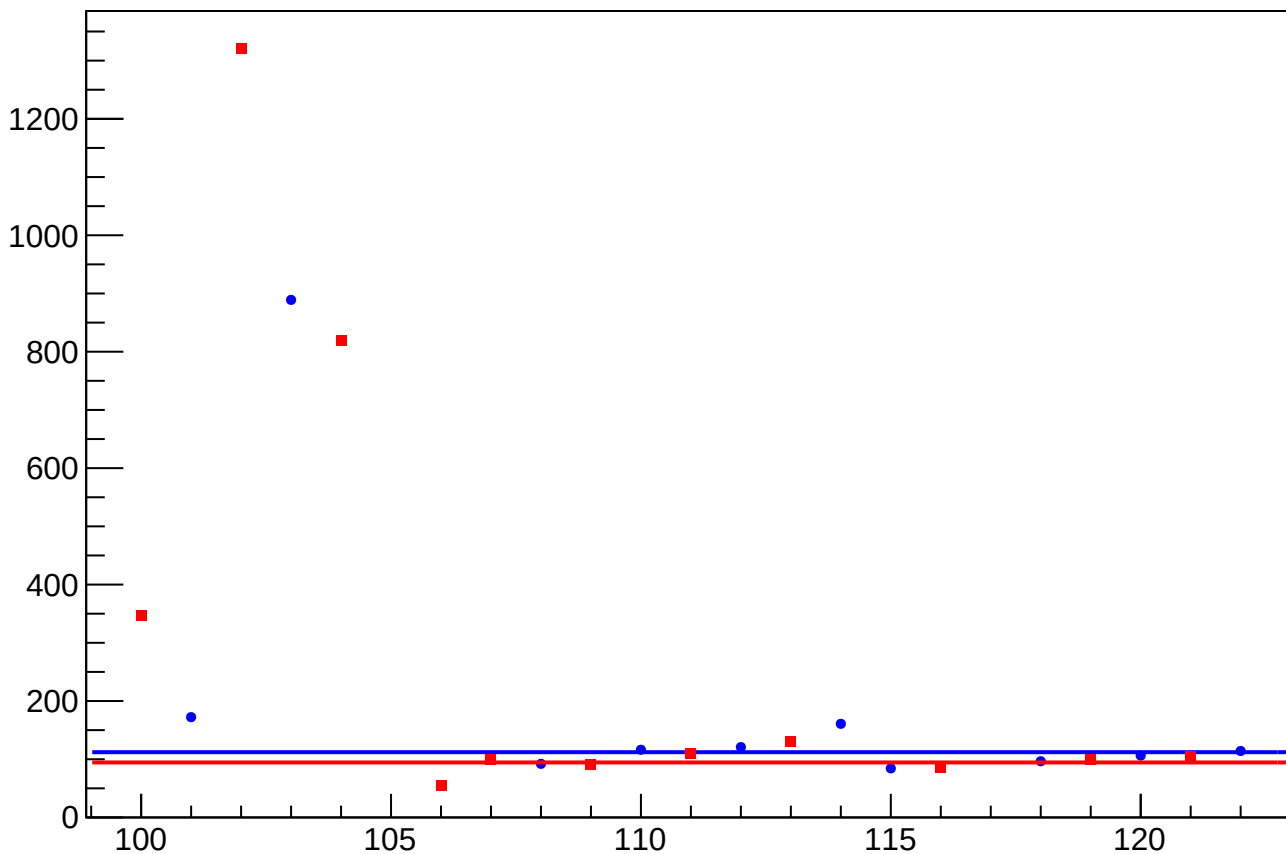
asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.061 χ^2 /NDF: 5.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.003 $\pm$ 0.054 χ^2 /NDF: 20.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.001 $\pm$ 0.040 χ^2 /NDF: 25.8/20
 In: -0.007 $\pm$ 0.061 χ^2 /NDF:5.7/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.001 $\pm$ 0.040 χ^2 /NDF: 25.8/20

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.103+/-0.043 χ^2/NDF : 1184867.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.484+/-0.038 χ^2/NDF : 1891223.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

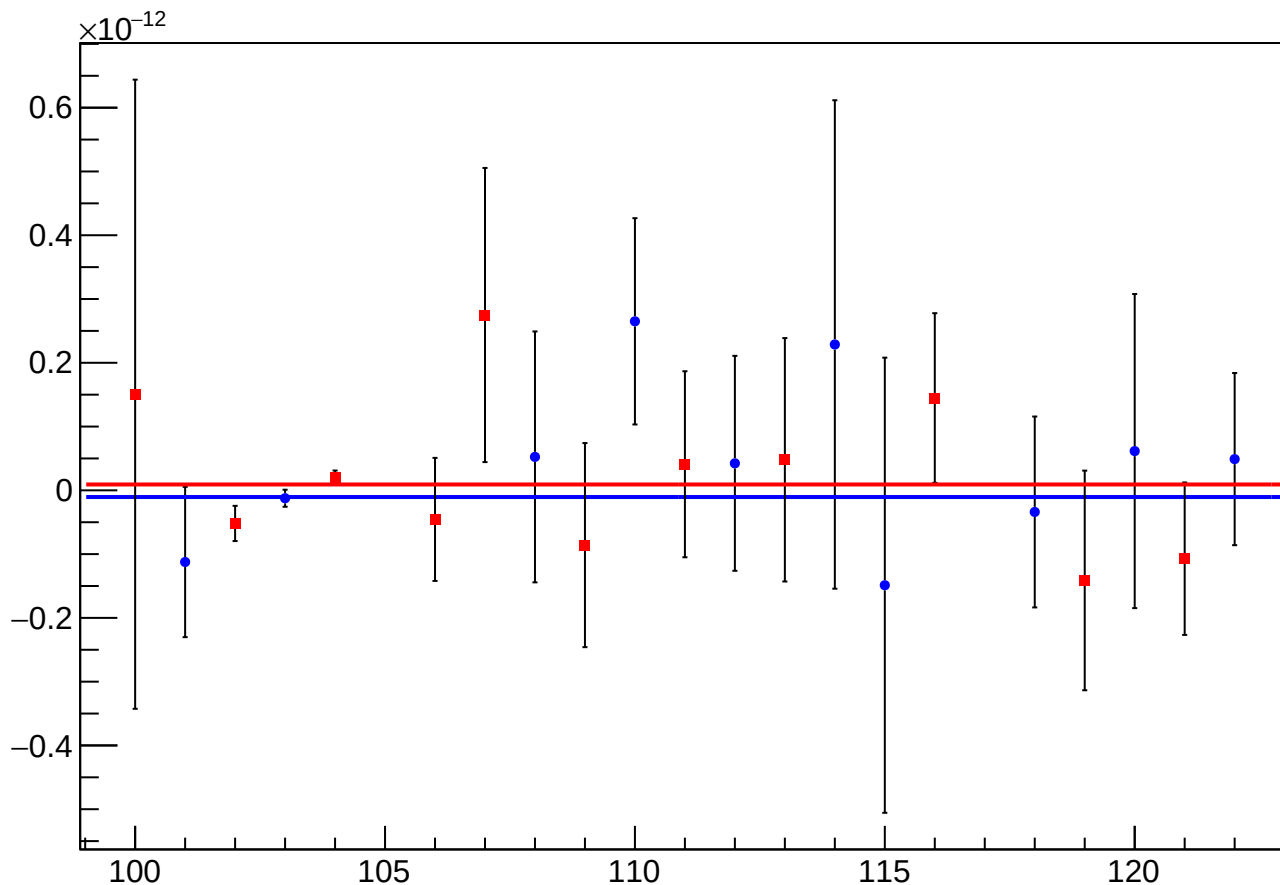
Right: 102.117+/-0.029 χ^2/NDF : 3169156.1/20

In: 112.103+/-0.043 χ^2/NDF : 1184867.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.117+/-0.029 χ^2/NDF : 3169156.1/20

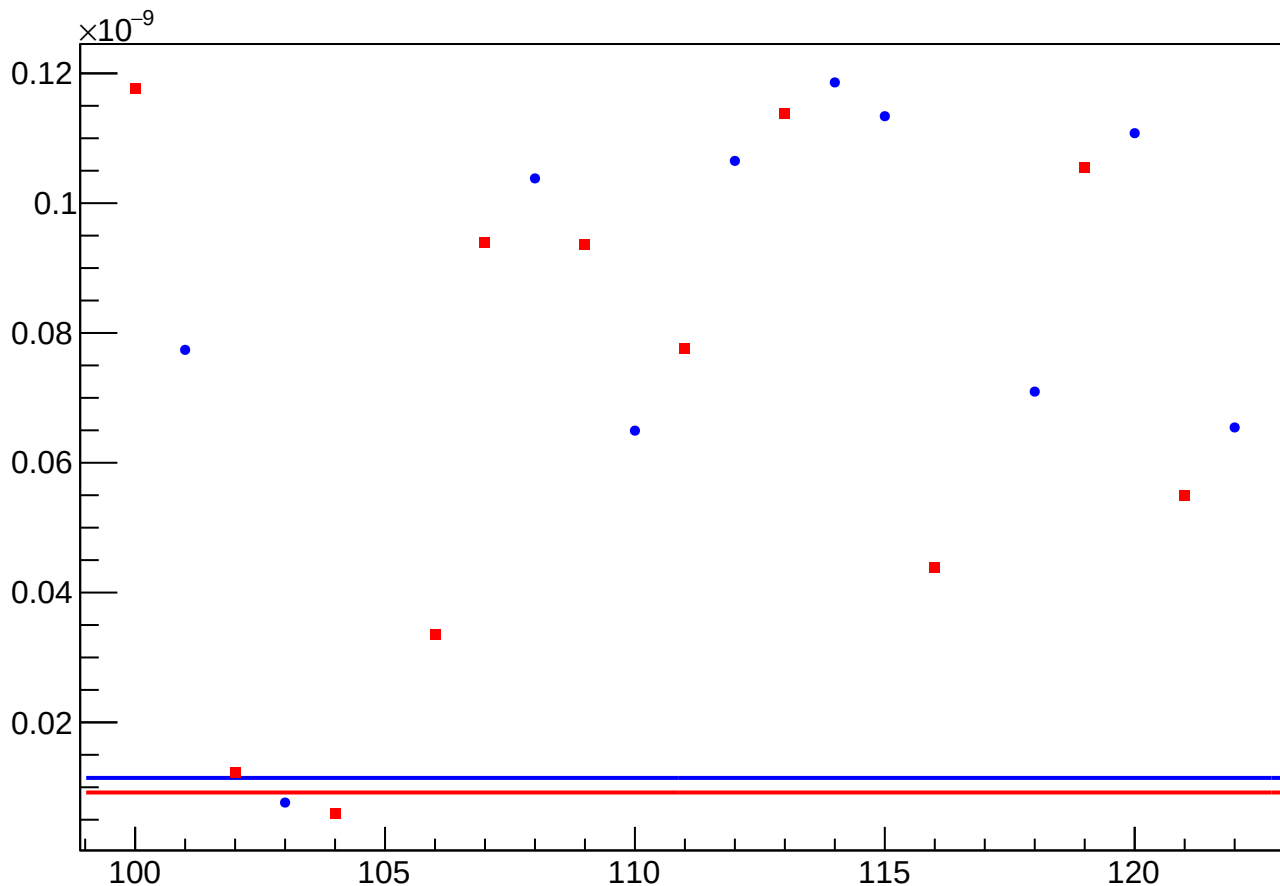
asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.7/9
 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 : 16.9/20
 In: -0.000+/-0.000 χ^2/NDF :4.7/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 16.9/20

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3366911.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3348230.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

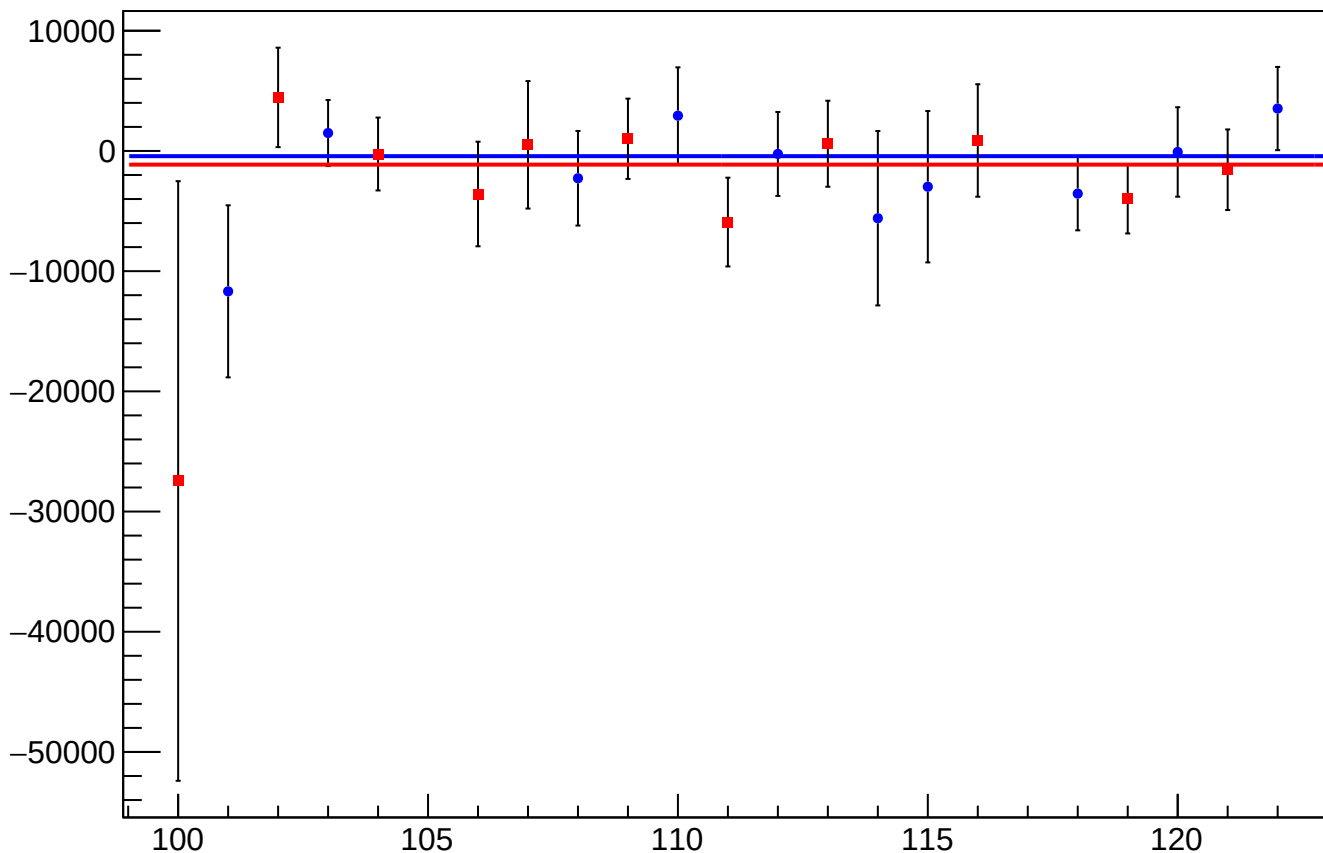
Right: 0.000+/-0.000 χ^2/NDF : 6752420.2/20

In: 0.000+/-0.000 χ^2/NDF : 3366911.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6752420.2/20

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -433.985+/-1224.161 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1137.371+/-1152.308 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

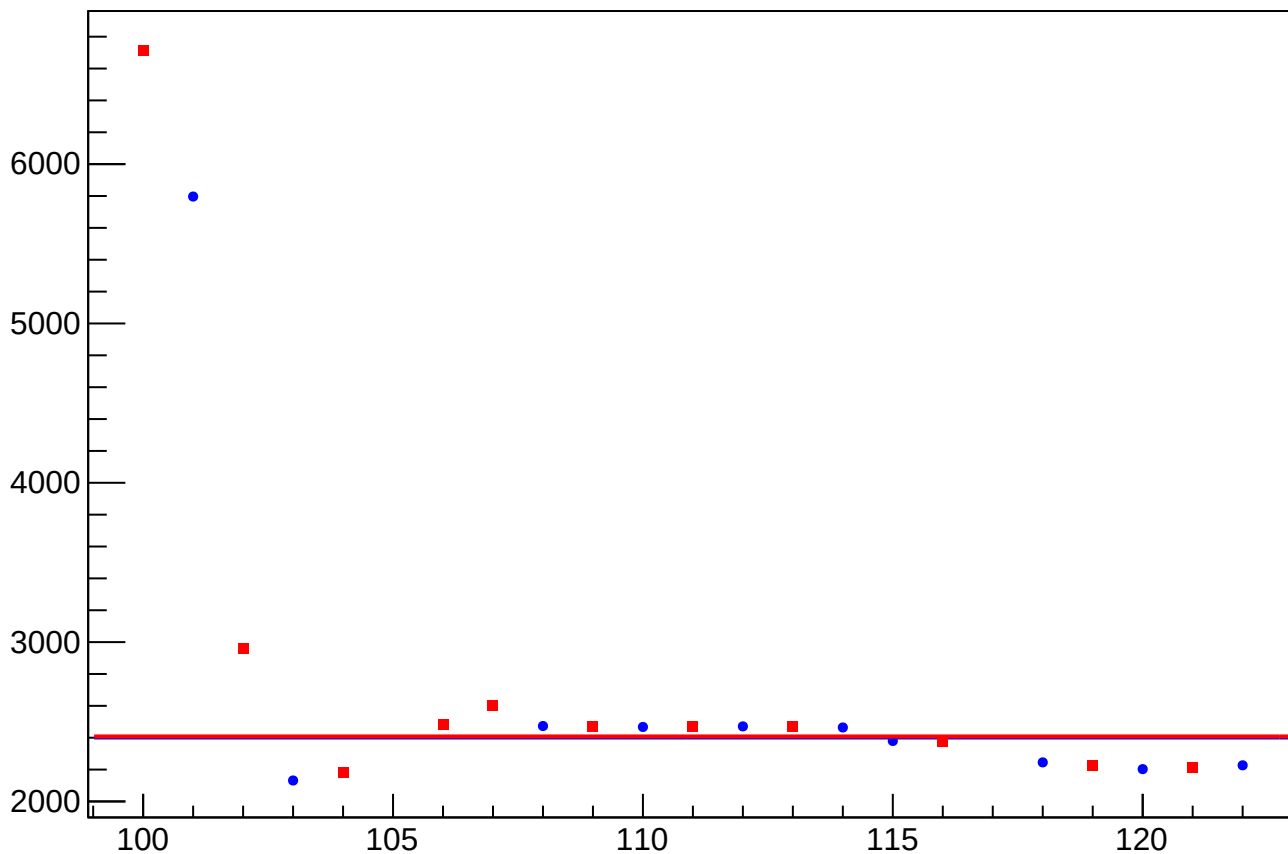
Right: -806.926+/-839.057 χ^2/NDF : 14.0/20

In: -433.985+/-1224.161 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -806.926+/-839.057 χ^2/NDF : 14.0/20

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2401.377+/-0.866 χ^2/NDF : 487462.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2407.929+/-0.815 χ^2/NDF : 125966.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

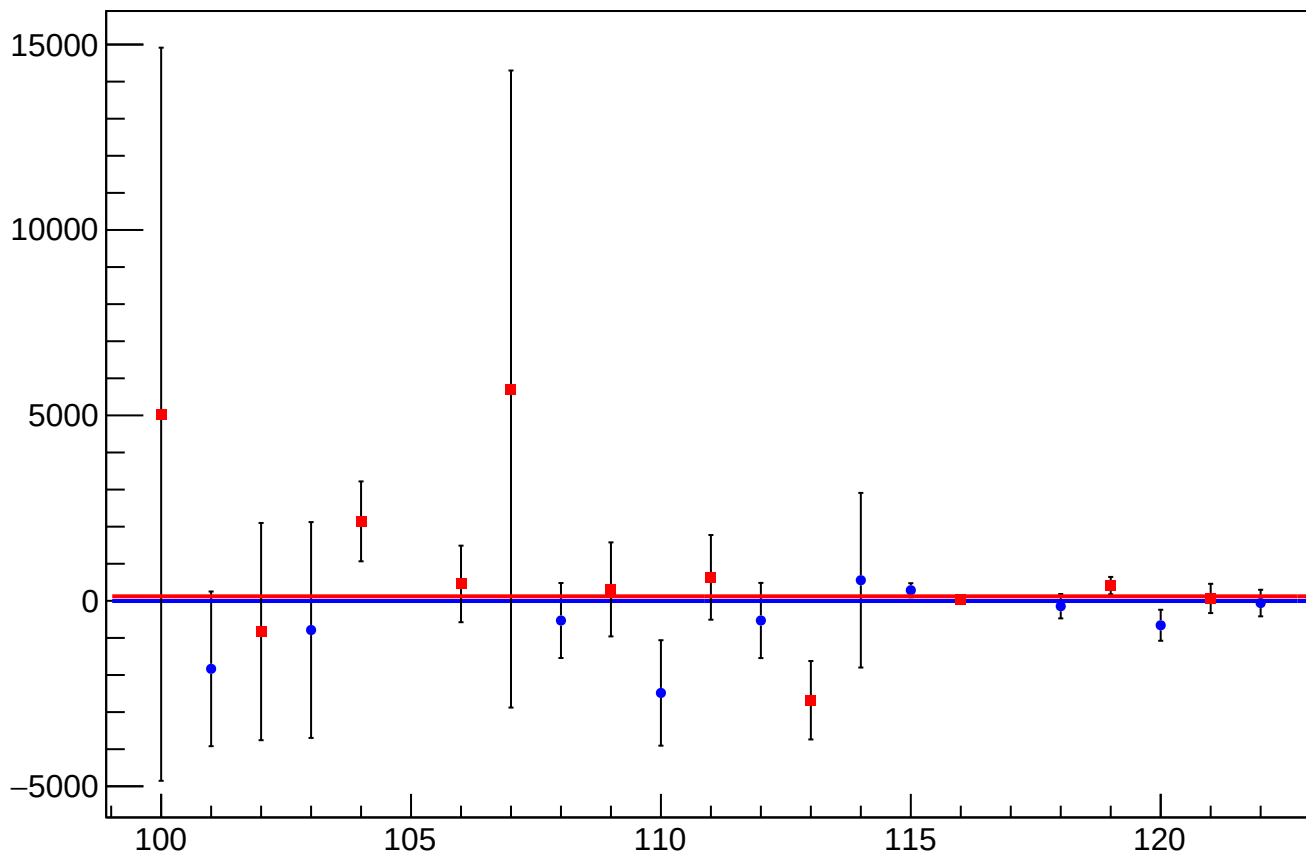
Right: 2404.851+/-0.593 χ^2/NDF : 613458.8/20

In: 2401.377+/-0.866 χ^2/NDF : 487462.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2404.851+/-0.593 χ^2/NDF : 613458.8/20

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -4.777+/-136.396 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 121.698+/-104.019 χ^2/NDF : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

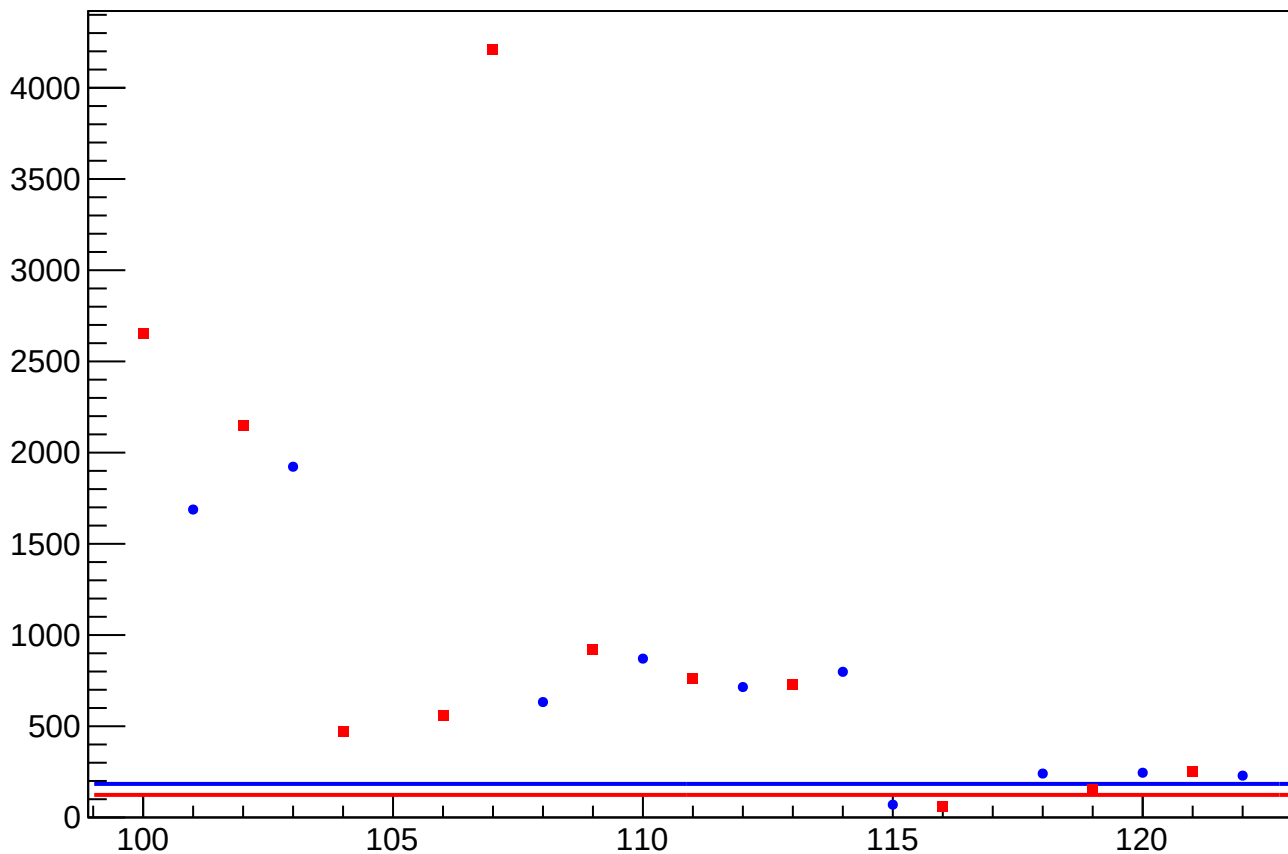
Right: 75.189+/-82.711 χ^2/NDF : 23.6/20

In: -4.777+/-136.396 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 75.189+/-82.711 χ^2/NDF : 23.6/20

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 183.947+/-0.096 χ^2/NDF : 4161076.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.649+/-0.074 χ^2/NDF : 4910230.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

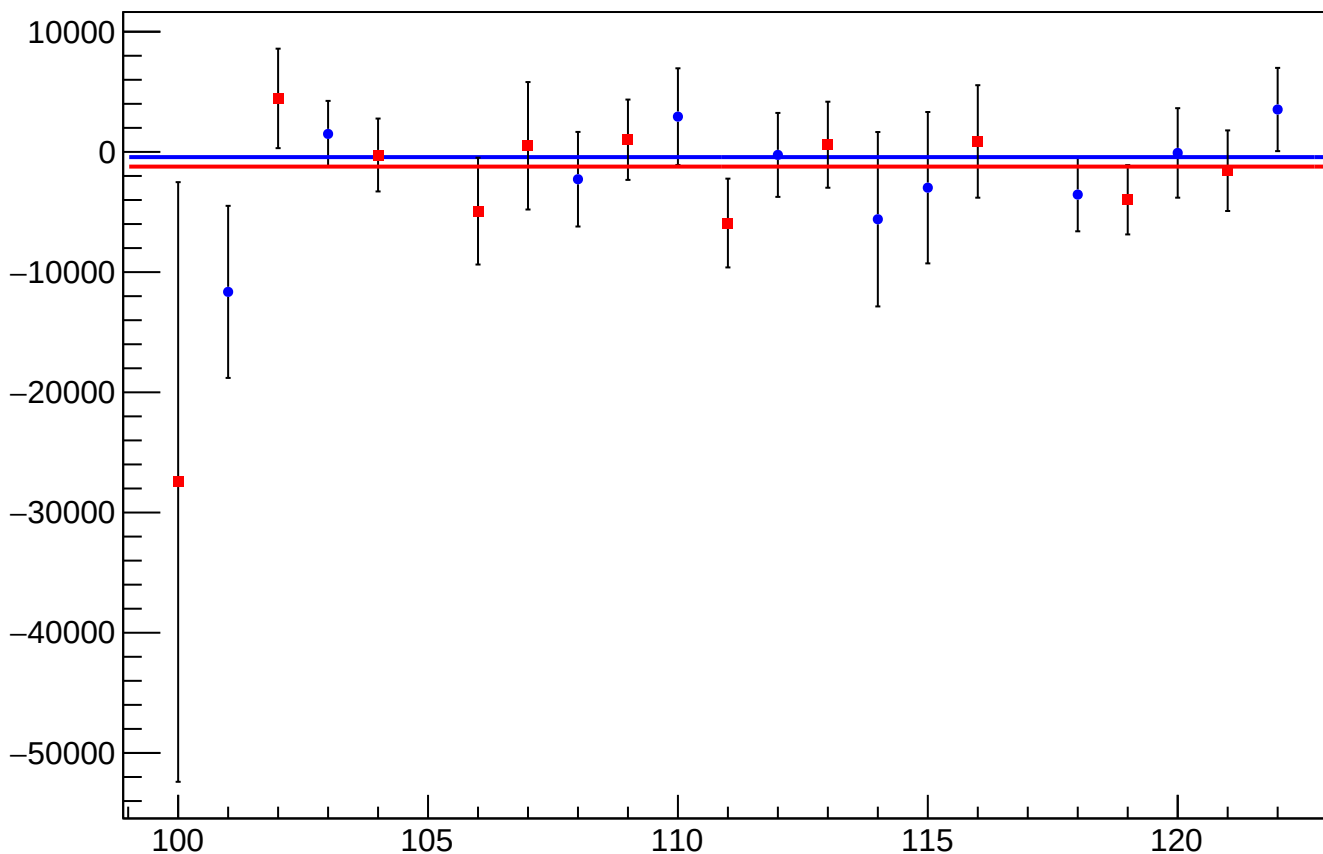
Right: 145.822+/-0.058 χ^2/NDF : 9318448.2/20

In: 183.947+/-0.096 χ^2/NDF :4161076.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 145.822+/-0.058 χ^2/NDF : 9318448.2/20

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -432.172+/-1224.162 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1221.772+/-1153.989 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

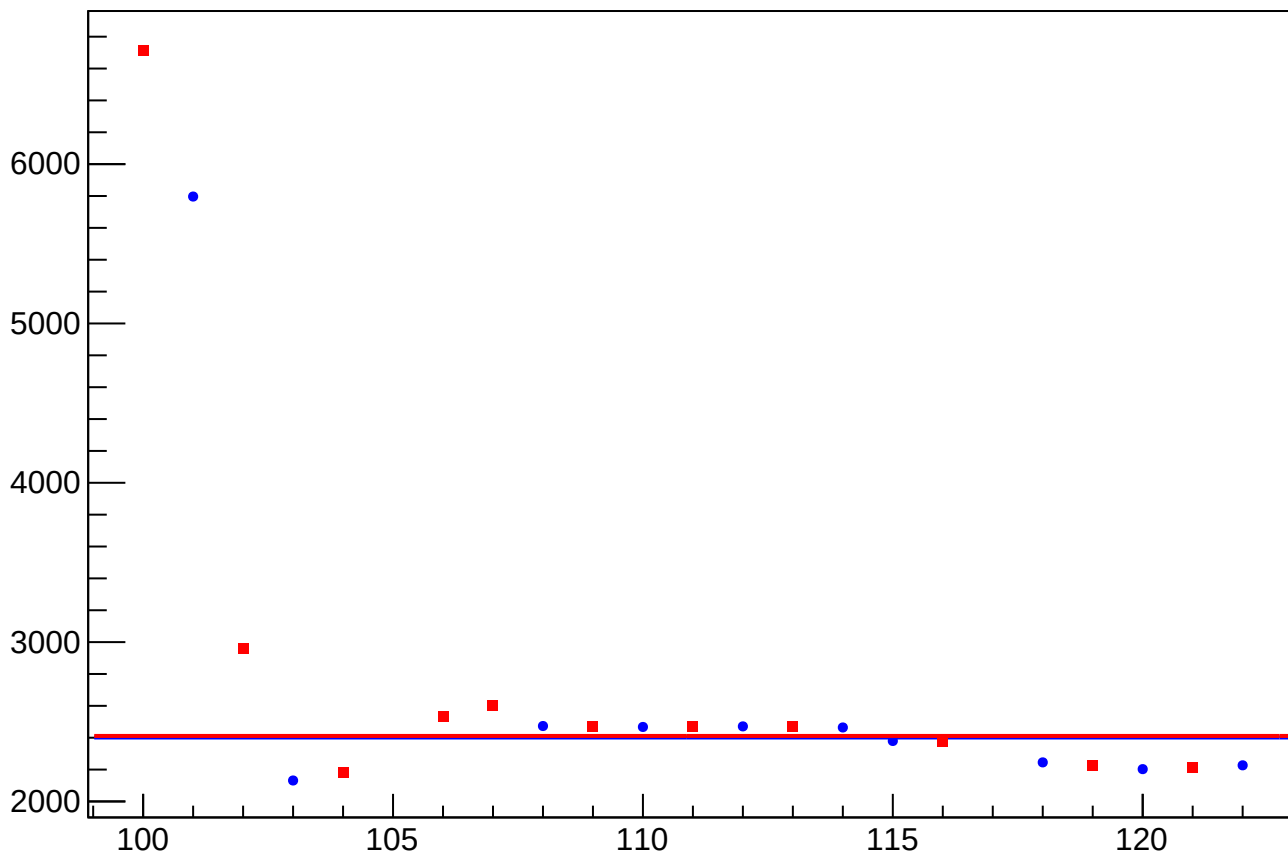
Right: -850.251+/-839.706 χ^2/NDF : 14.5/20

In: -432.172+/-1224.162 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -850.251+/-839.706 χ^2/NDF : 14.5/20

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2401.377+/-0.866 χ^2/NDF : 487462.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2411.128+/-0.816 χ^2/NDF : 126965.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

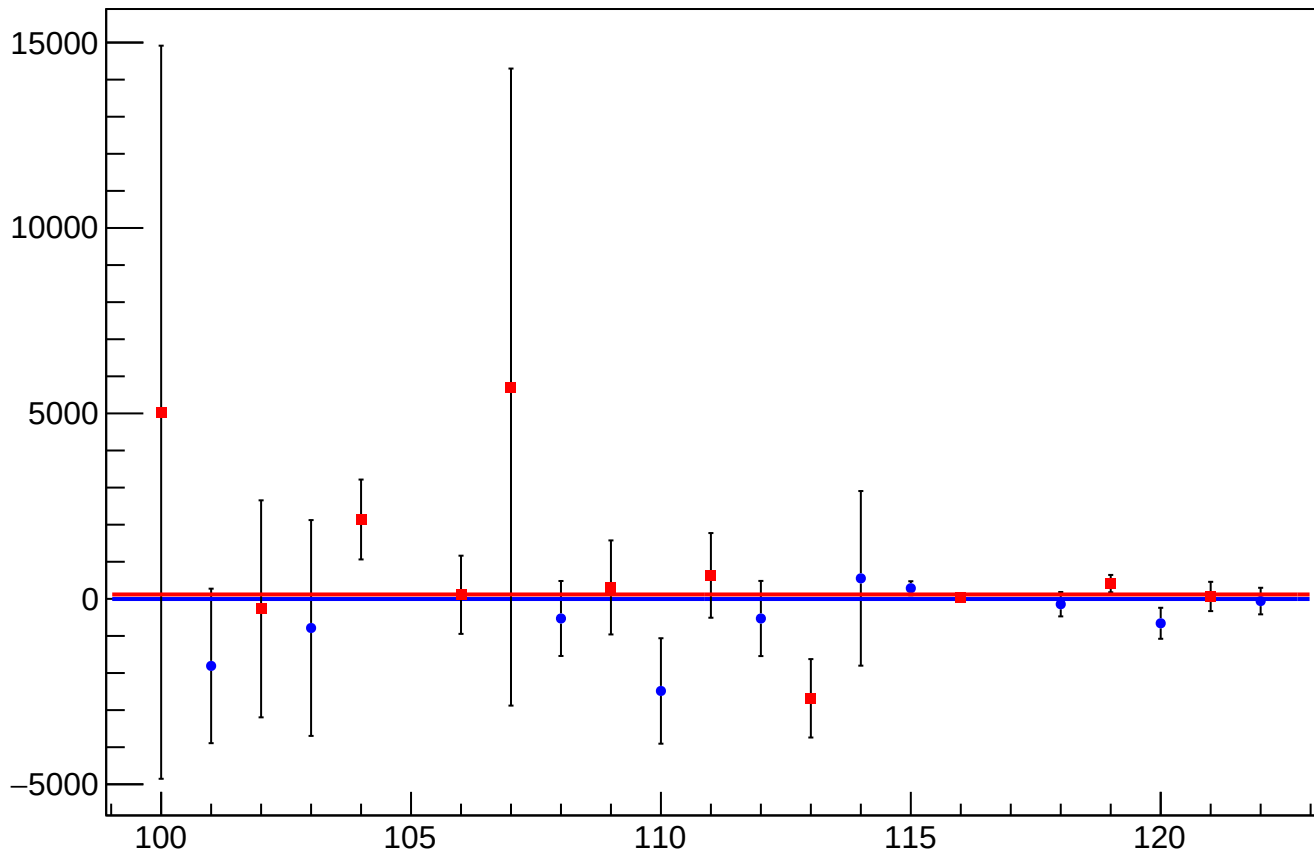
Right: 2406.540+/-0.594 χ^2/NDF : 614495.2/20

In: 2401.377+/-0.866 χ^2/NDF : 487462.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2406.540+/-0.594 χ^2/NDF : 614495.2/20

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -4.676+/-136.424 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.114+/-103.891 χ^2/NDF : 13.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

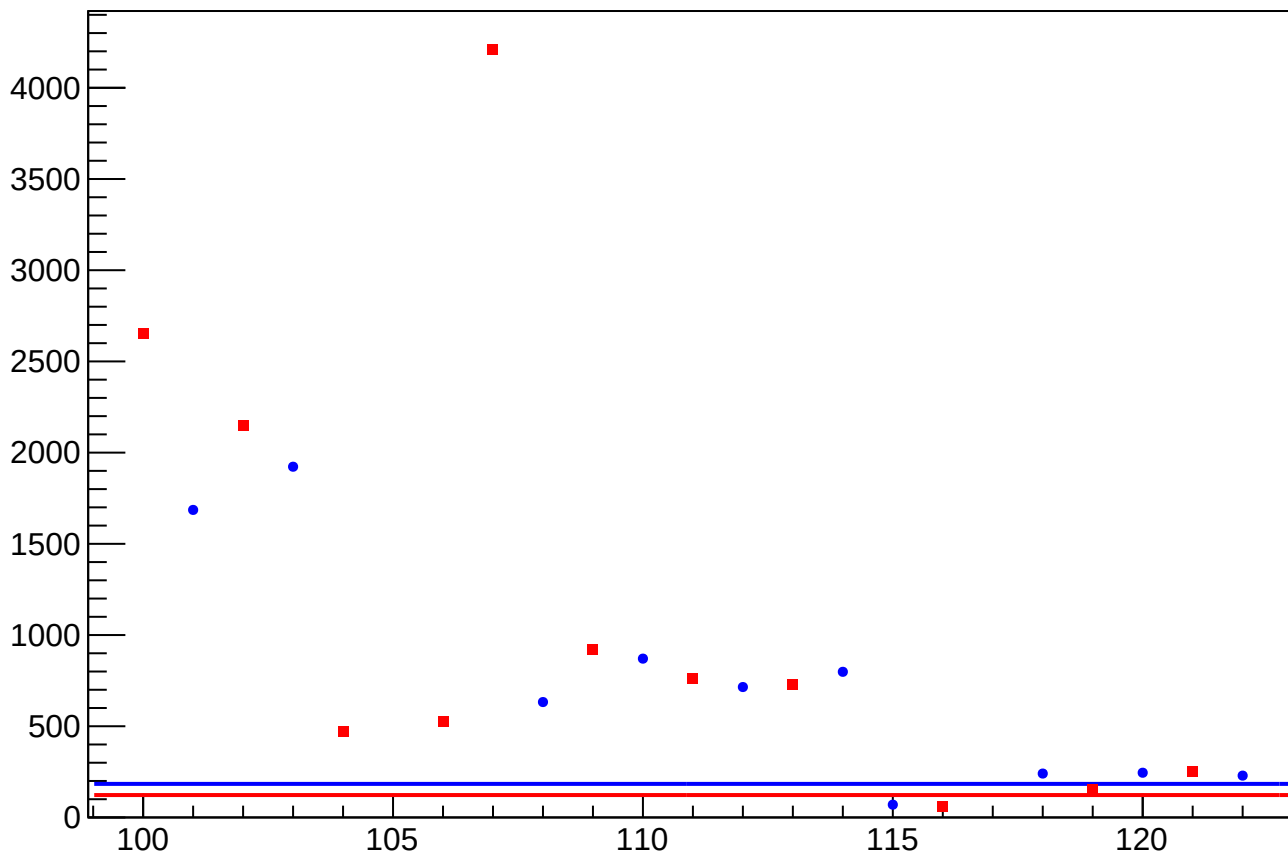
Right: 73.043+/-82.653 χ^2/NDF : 23.4/20

In: -4.676+/-136.424 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.043+/-82.653 χ^2/NDF : 23.4/20

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 184.017+/-0.096 χ^2/NDF : 4159848.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 122.833+/-0.073 χ^2/NDF : 4854850.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

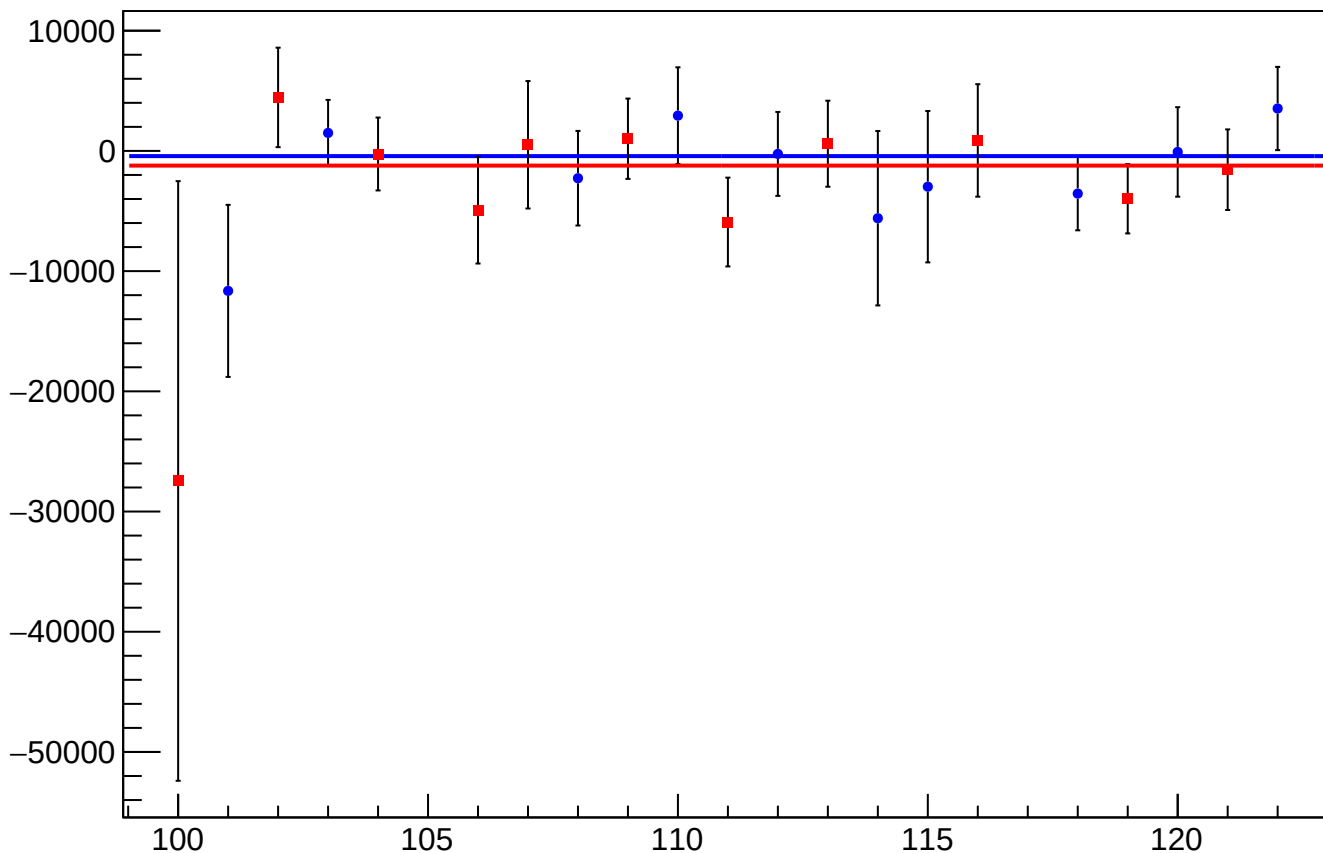
Right: 145.291+/-0.058 χ^2/NDF : 9269313.2/20

In: 184.017+/-0.096 χ^2/NDF :4159848.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 145.291+/-0.058 χ^2/NDF : 9269313.2/20

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -432.172+/-1224.162 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1221.772+/-1153.989 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

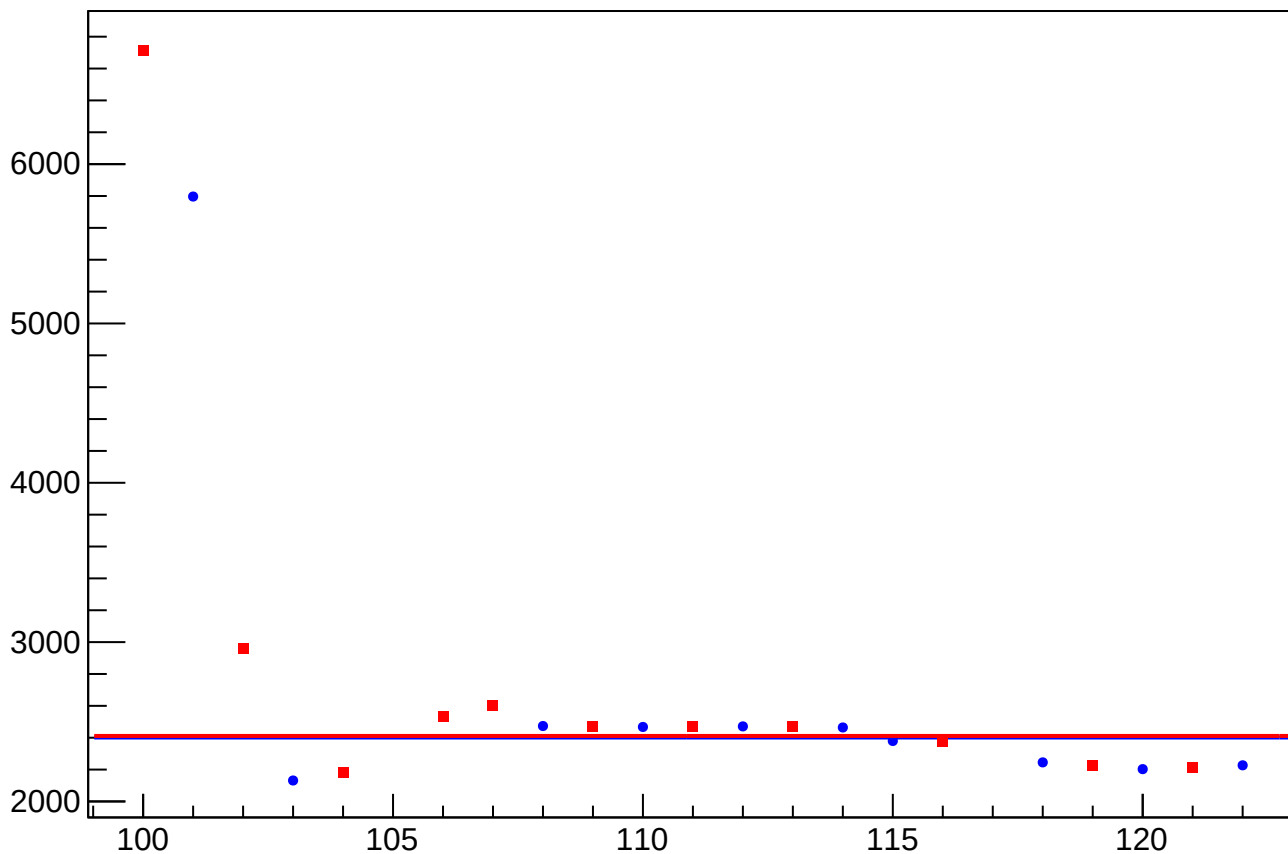
Right: -850.251+/-839.706 χ^2/NDF : 14.5/20

In: -432.172+/-1224.162 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -850.251+/-839.706 χ^2/NDF : 14.5/20

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2401.377+/-0.866 χ^2/NDF : 487462.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2411.128+/-0.816 χ^2/NDF : 126965.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

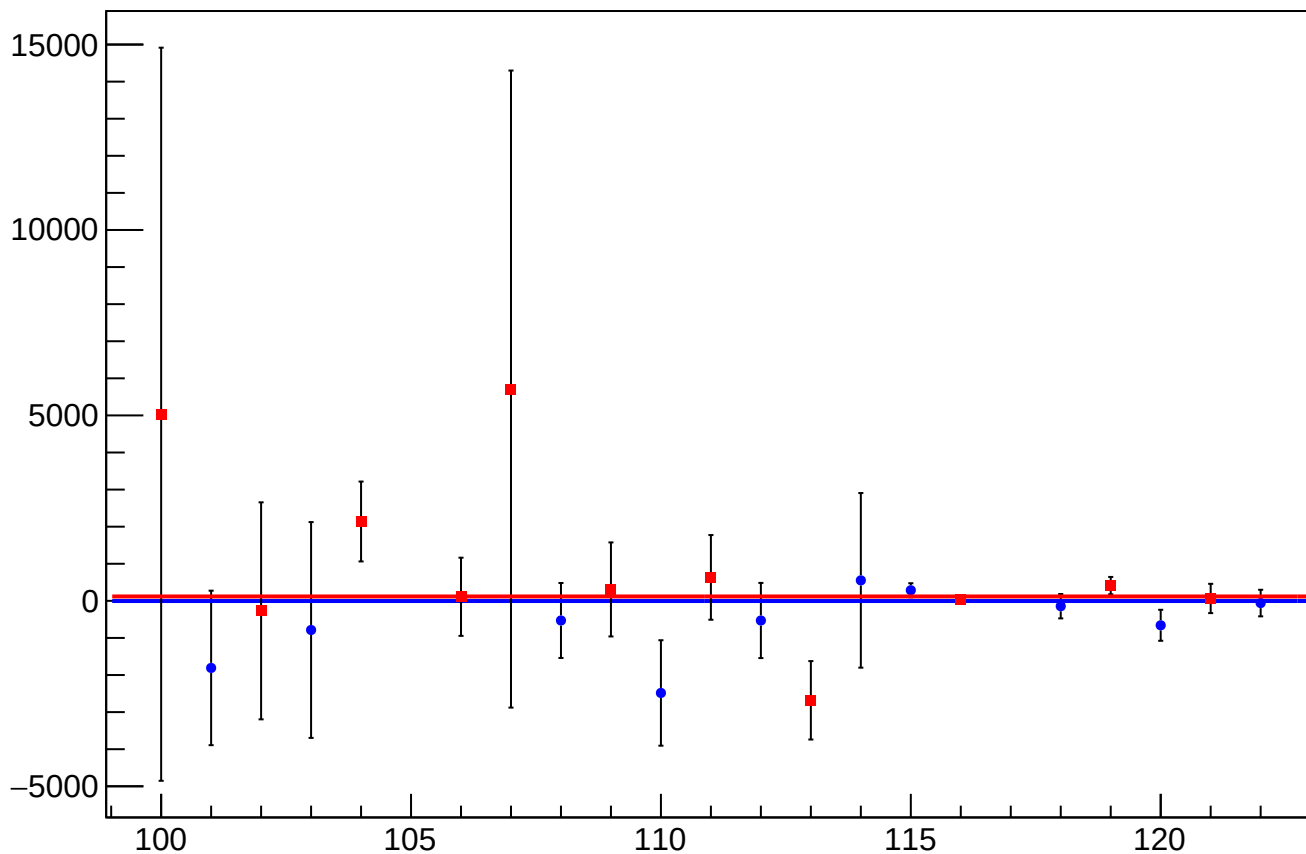
Right: 2406.540+/-0.594 χ^2/NDF : 614495.2/20

In: 2401.377+/-0.866 χ^2/NDF : 487462.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2406.540+/-0.594 χ^2/NDF : 614495.2/20

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4.676+/-136.424 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 118.114+/-103.891 χ^2/NDF : 13.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

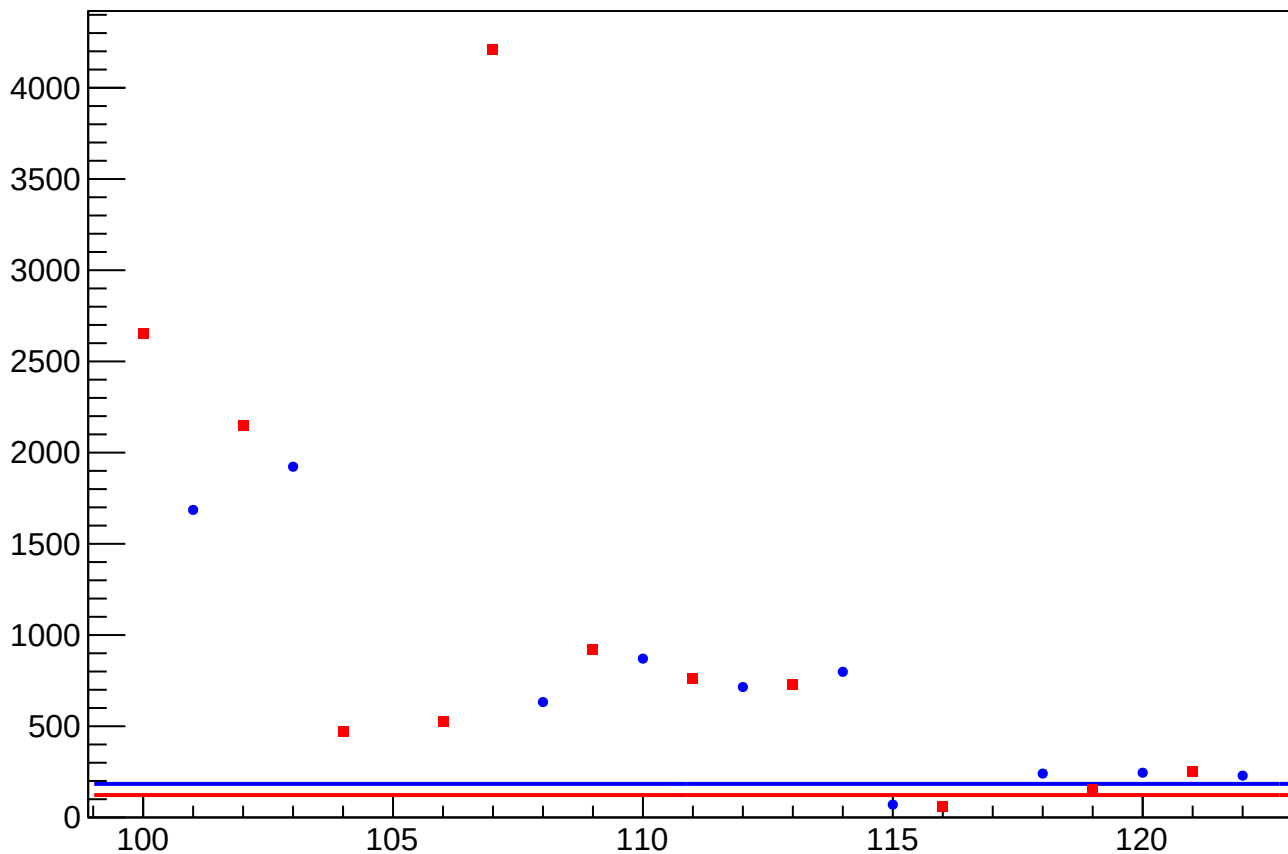
Right: 73.043+/-82.653 χ^2/NDF : 23.4/20

In: -4.676+/-136.424 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 73.043+/-82.653 χ^2/NDF : 23.4/20

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 184.017+/-0.096 χ^2/NDF : 4159848.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 122.833+/-0.073 χ^2/NDF : 4854850.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

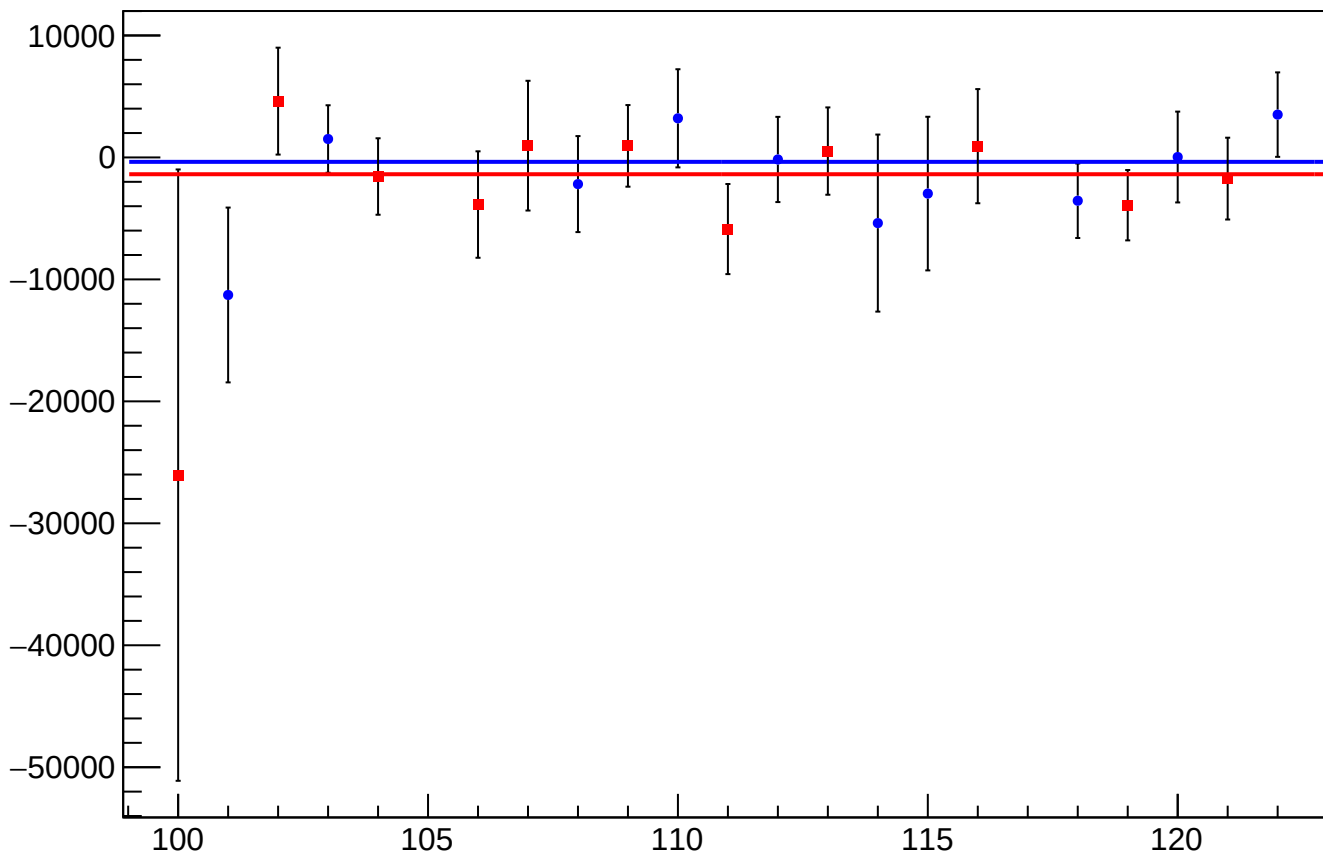
Right: 145.291+/-0.058 χ^2/NDF : 9269313.2/20

In: 184.017+/-0.096 χ^2/NDF :4159848.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 145.291+/-0.058 χ^2/NDF : 9269313.2/20

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -362.073+/-1226.159 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1377.099+/-1163.608 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

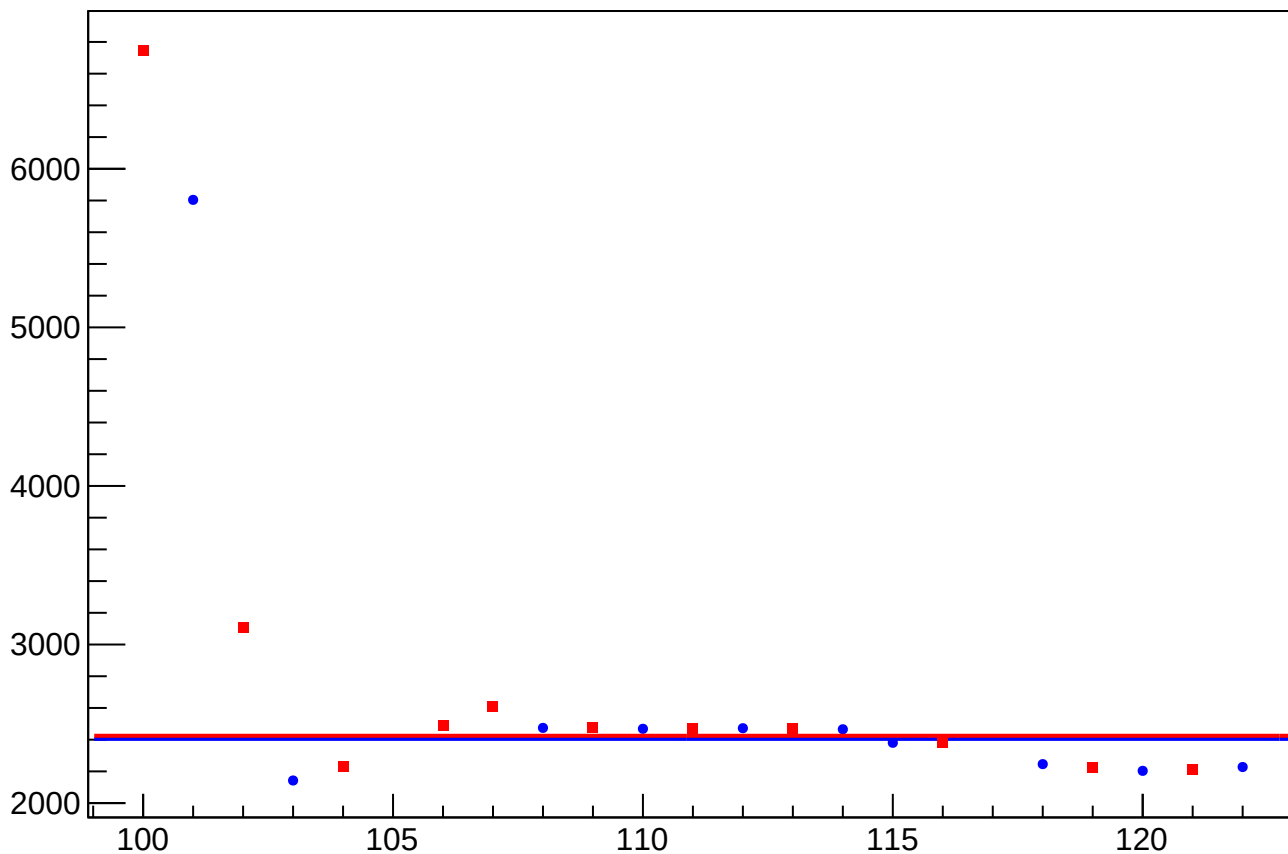
Right: -896.136+/-844.042 χ^2/NDF : 13.8/20

In: -362.073+/-1226.159 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -896.136+/-844.042 χ^2/NDF : 13.8/20

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2404.927+/-0.867 χ^2/NDF : 486410.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2424.644+/-0.823 χ^2/NDF : 137511.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

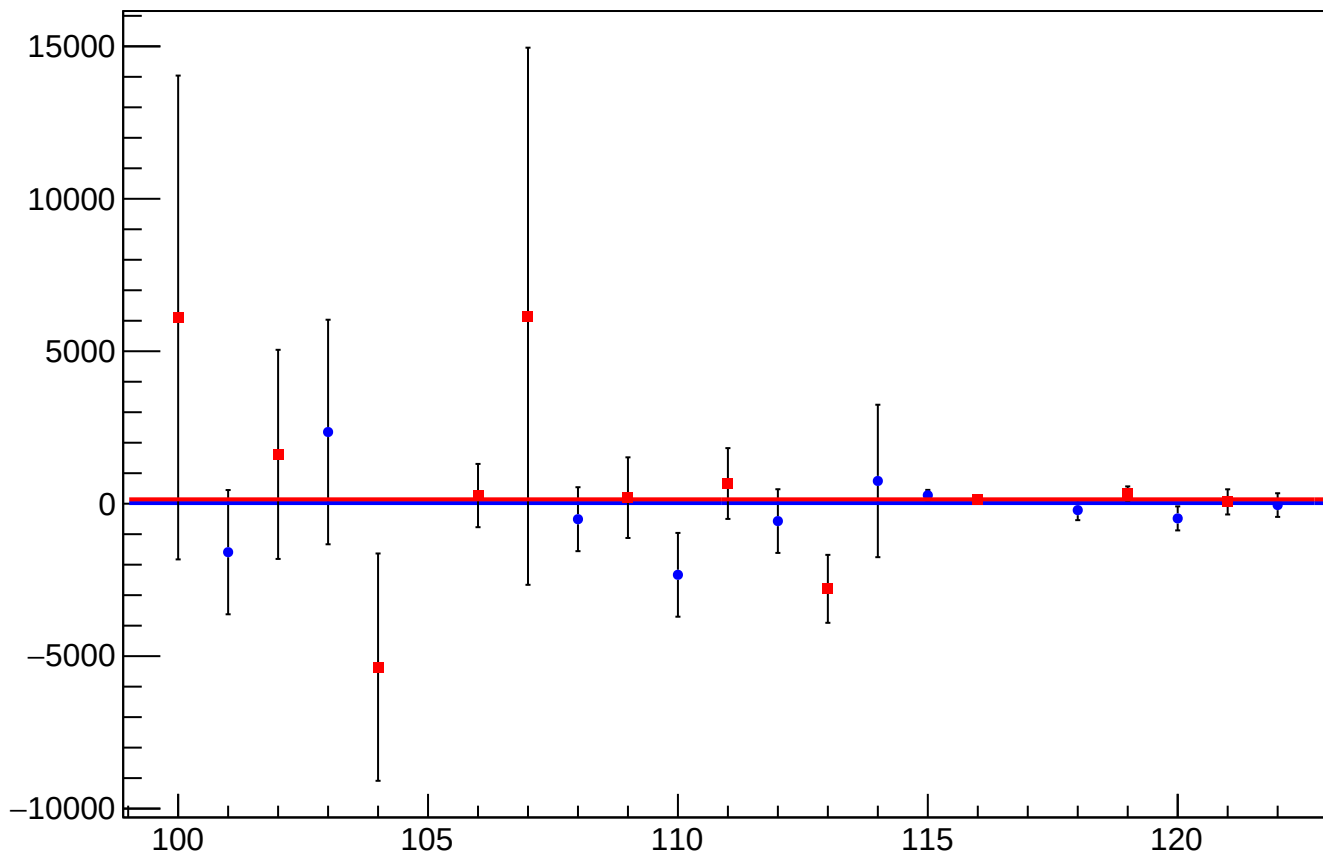
Right: 2415.301+/-0.597 χ^2/NDF : 624193.2/20

In: 2404.927+/-0.867 χ^2/NDF : 486410.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.301+/-0.597 χ^2/NDF : 624193.2/20

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 20.910+/-132.232 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.018+/-108.006 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

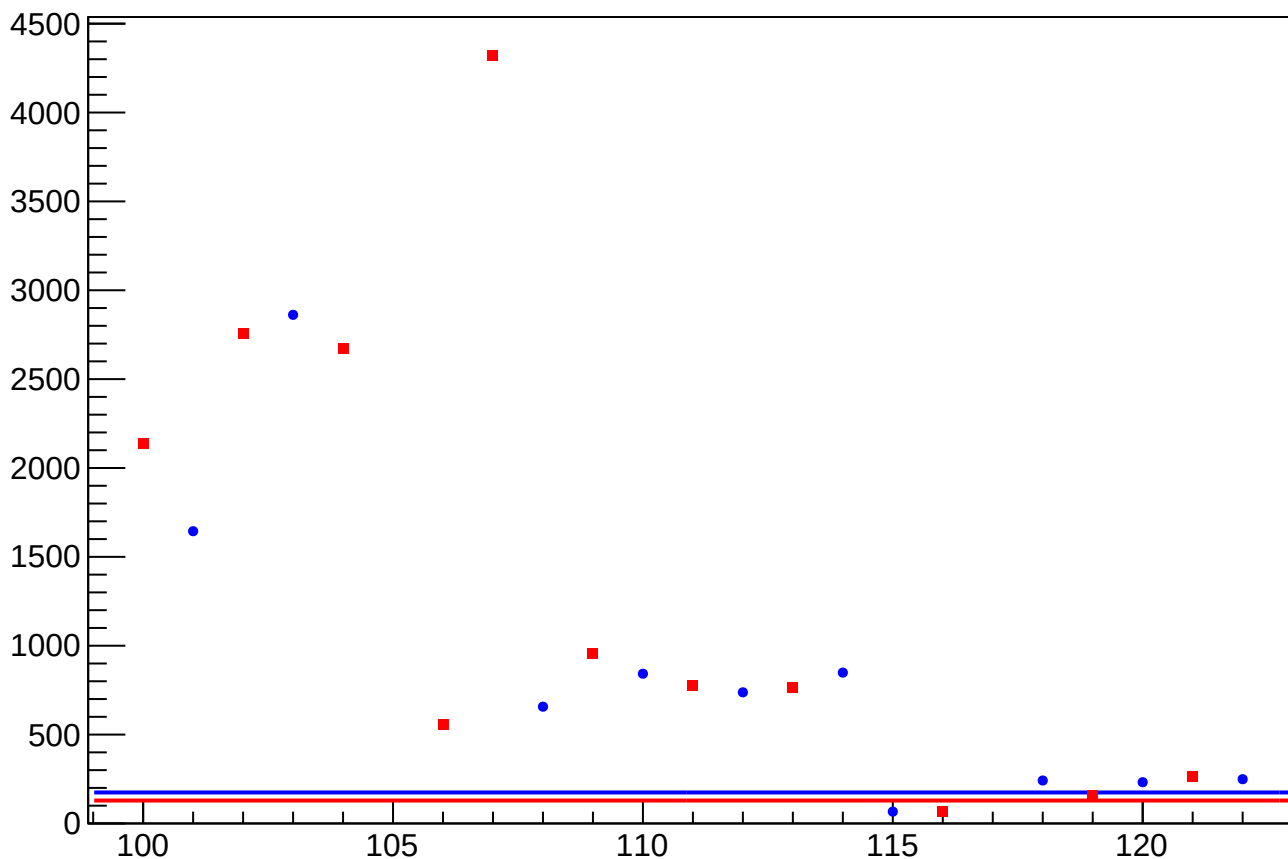
Right: 94.153+/-83.649 χ^2/NDF : 20.7/20

In: 20.910+/-132.232 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.153+/-83.649 χ^2/NDF : 20.7/20

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 174.367+/-0.094 χ^2/NDF : 4676484.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 128.968+/-0.076 χ^2/NDF : 5785830.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

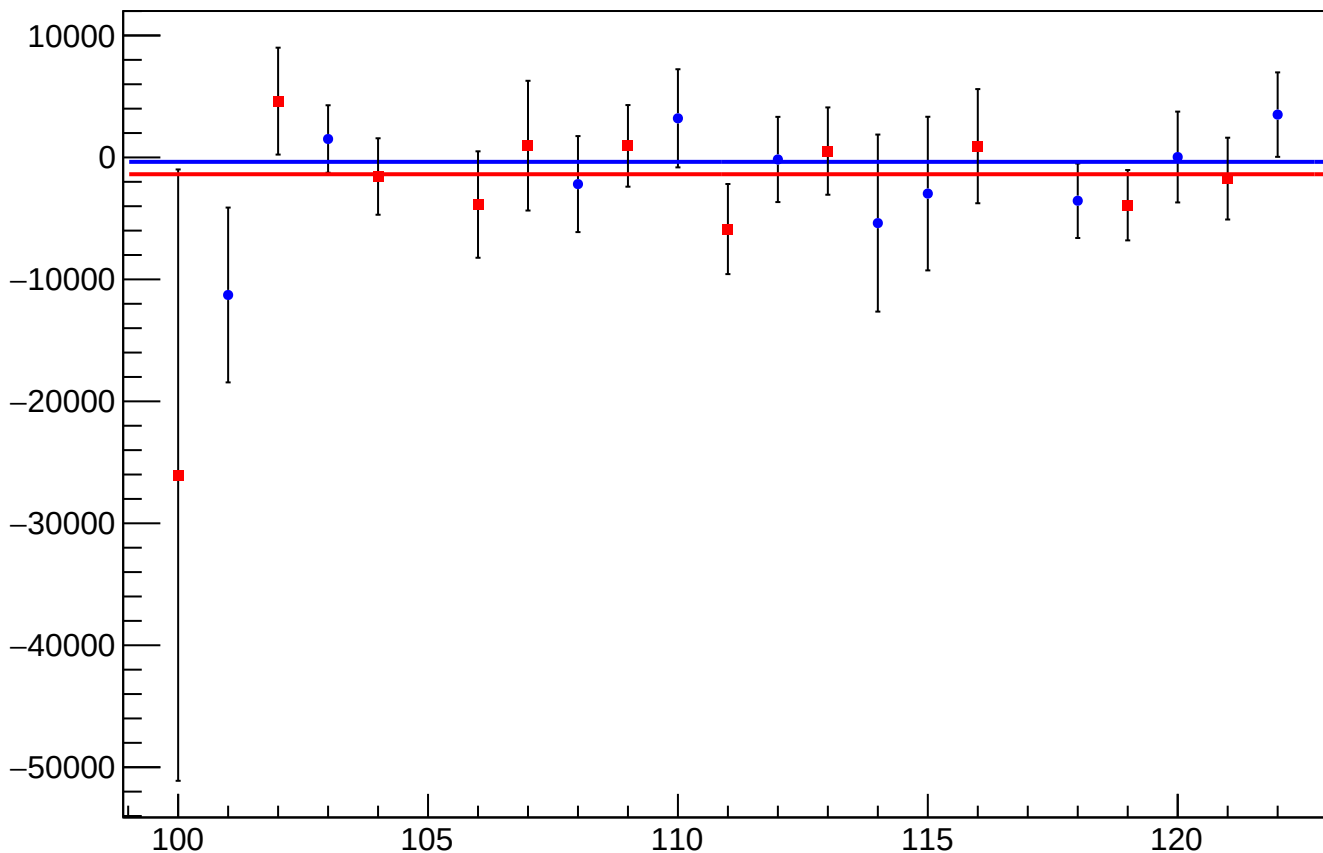
Right: 147.135+/-0.059 χ^2/NDF : 10603724.1/20

In: 174.367+/-0.094 χ^2/NDF :4676484.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 147.135+/-0.059 χ^2/NDF : 10603724.1/20

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -362.074+/-1226.159 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1377.103+/-1163.608 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

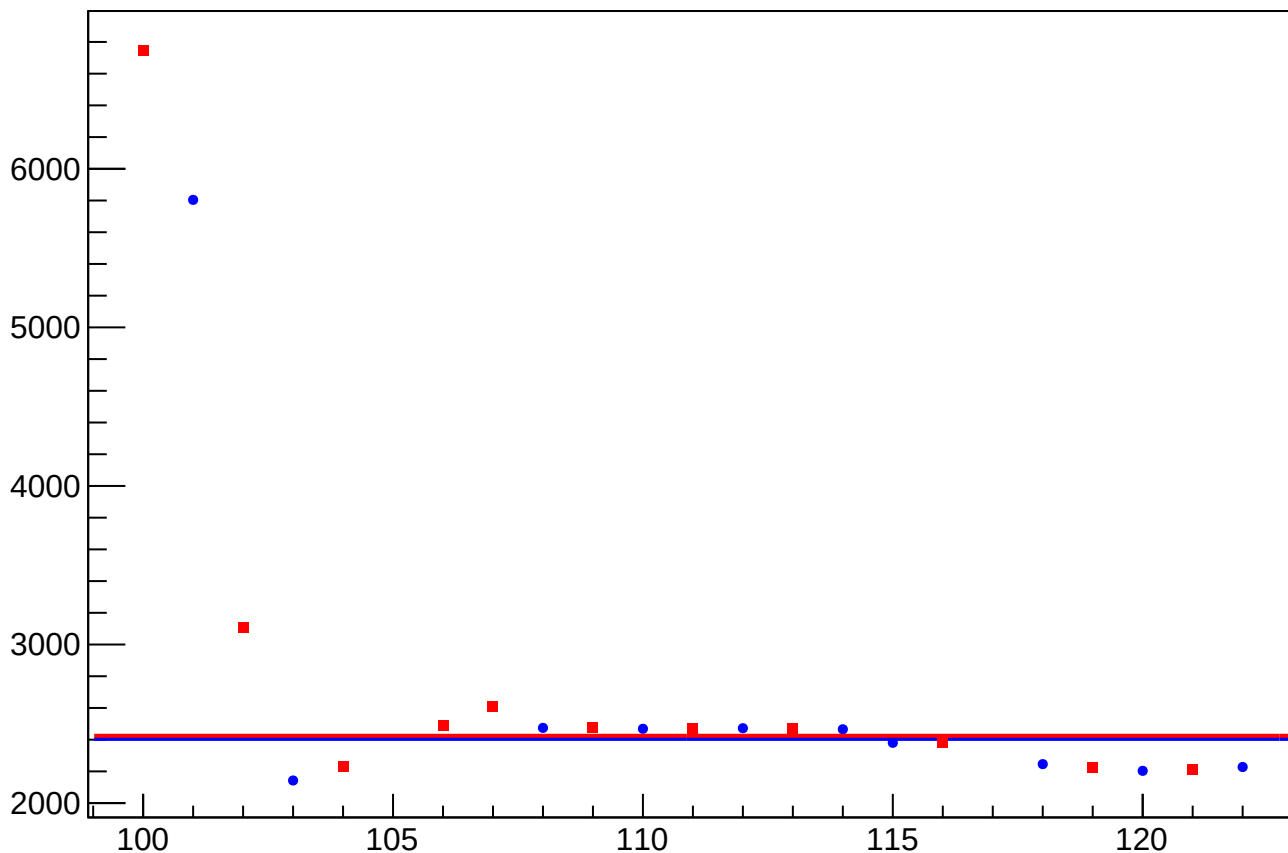
Right: -896.139+/-844.042 χ^2/NDF : 13.8/20

In: -362.074+/-1226.159 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -896.139+/-844.042 χ^2/NDF : 13.8/20

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2404.927+/-0.867 χ^2/NDF : 486410.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2424.644+/-0.823 χ^2/NDF : 137510.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

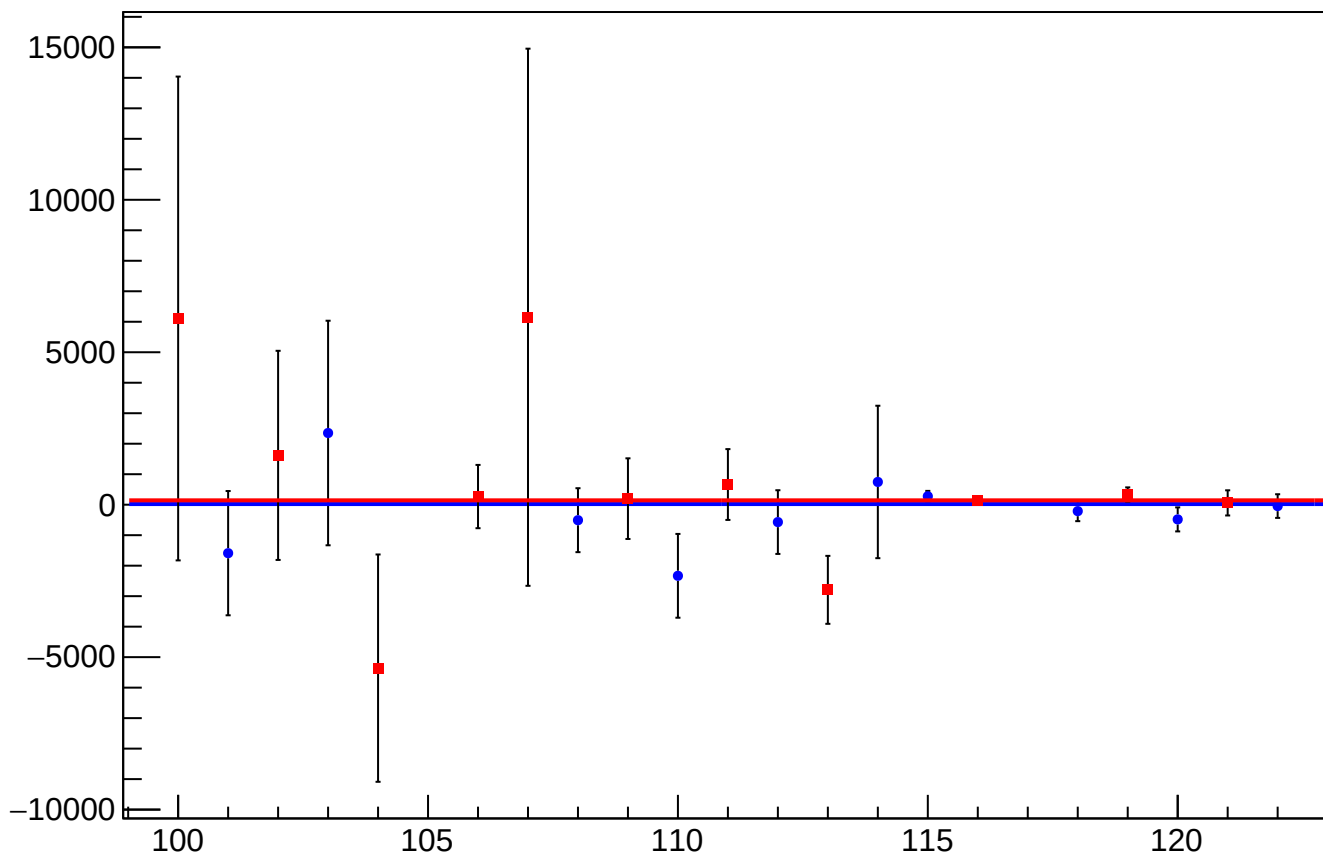
Right: 2415.301+/-0.597 χ^2/NDF : 624193.2/20

In: 2404.927+/-0.867 χ^2/NDF : 486410.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.301+/-0.597 χ^2/NDF : 624193.2/20

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 20.910+/-132.230 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.017+/-108.005 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

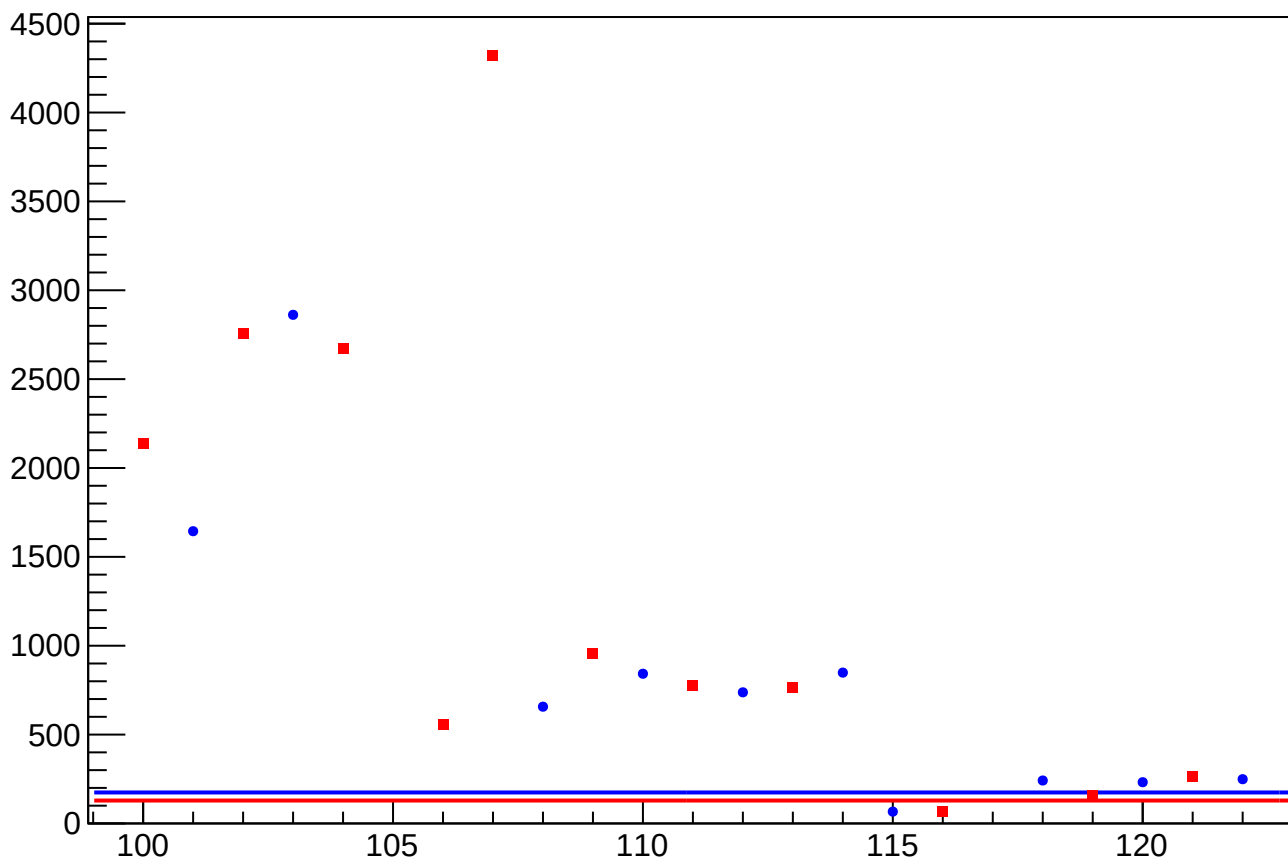
Right: 94.153+/-83.648 χ^2/NDF : 20.7/20

In: 20.910+/-132.230 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.153+/-83.648 χ^2/NDF : 20.7/20

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 174.363+/-0.094 χ^2/NDF : 4676531.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 128.965+/-0.076 χ^2/NDF : 5785869.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

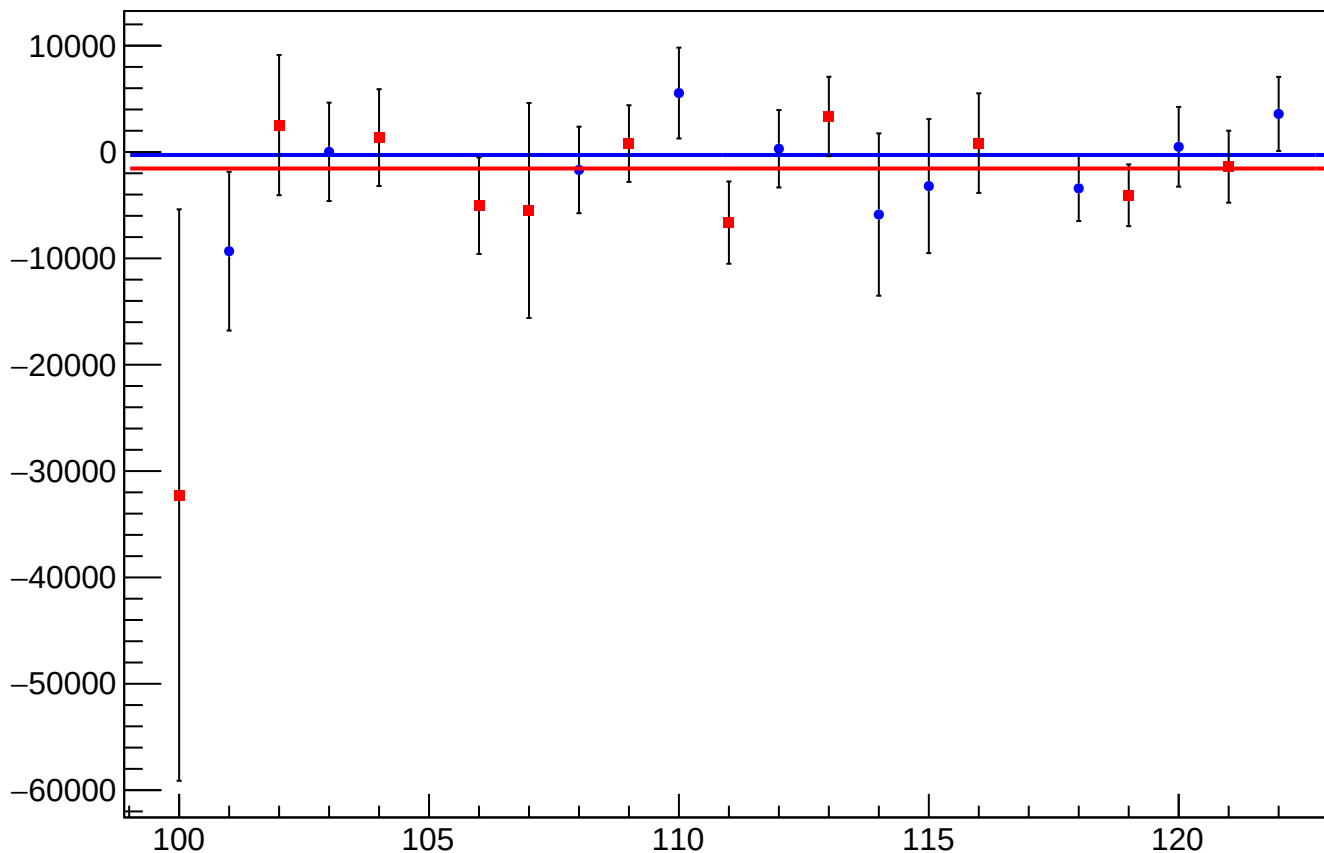
Right: 147.132+/-0.059 χ^2/NDF : 10603805.6/20

In: 174.363+/-0.094 χ^2/NDF :4676531.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 147.132+/-0.059 χ^2/NDF : 10603805.6/20

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -276.937+/-1339.315 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1549.825+/-1292.959 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

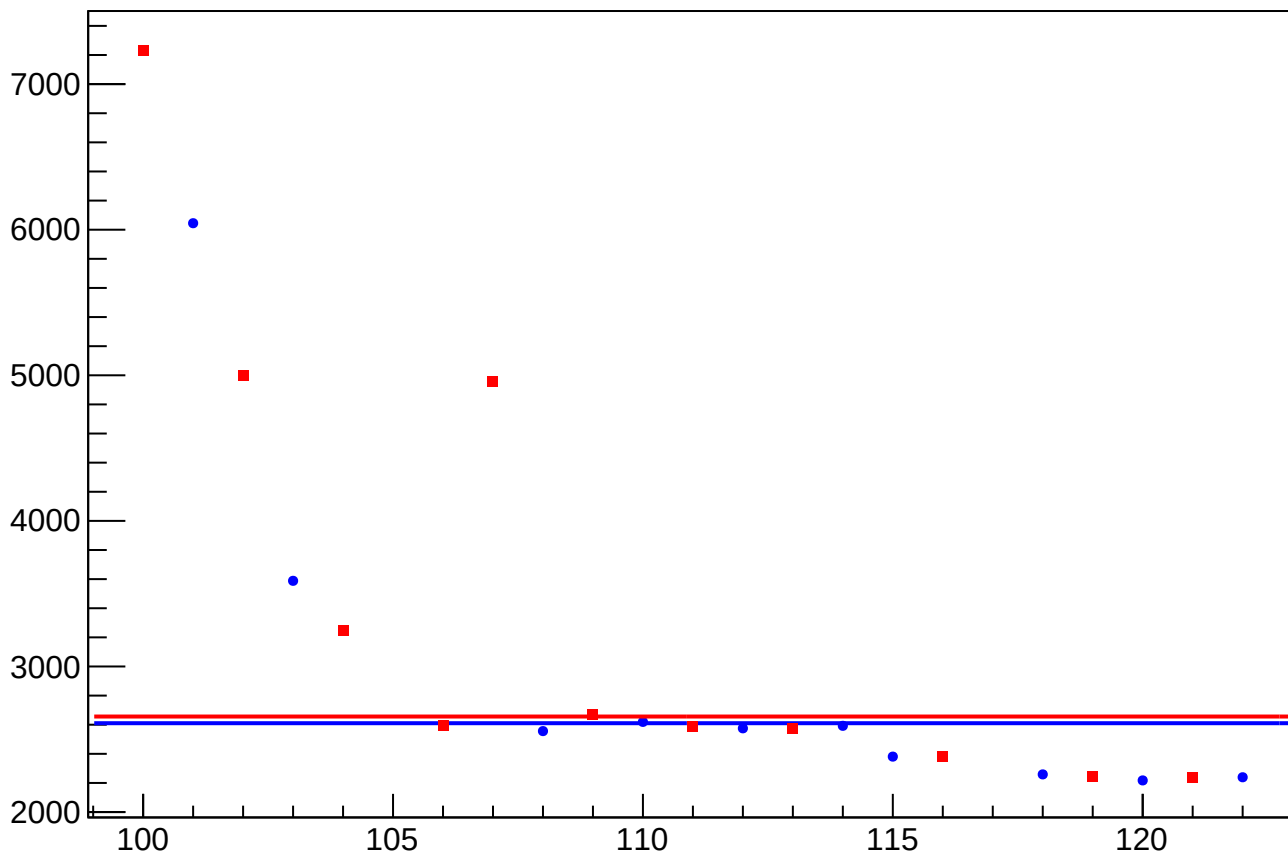
Right: -935.791+/-930.217 χ^2/NDF : 14.7/20

In: -276.937+/-1339.315 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -935.791+/-930.217 χ^2/NDF : 14.7/20

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2610.351+/-0.947 χ^2/NDF : 587055.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2656.222+/-0.914 χ^2/NDF : 529116.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

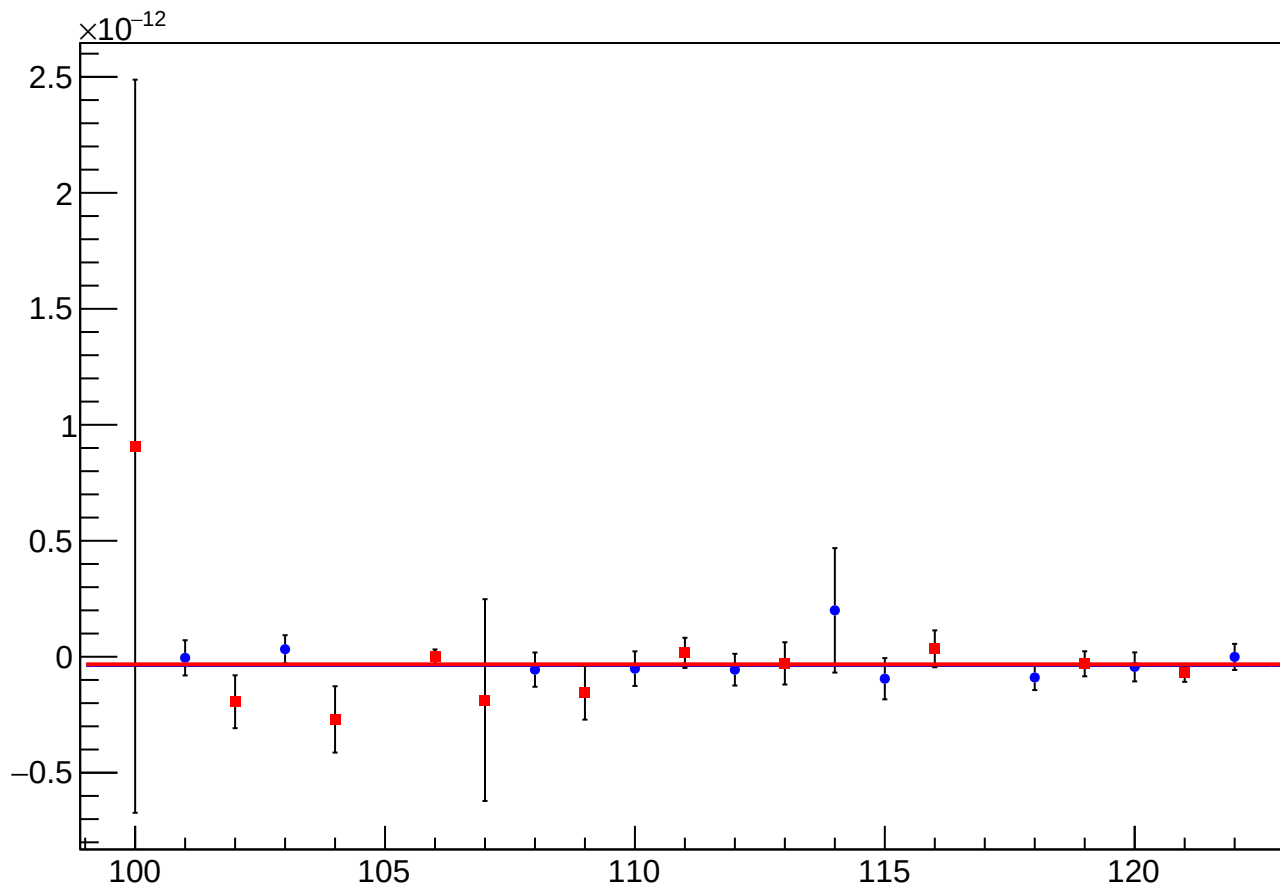
Right: 2634.095+/-0.658 χ^2/NDF : 1117385.9/20

In: 2610.351+/-0.947 χ^2/NDF :587055.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2634.095+/-0.658 χ^2/NDF : 1117385.9/20

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

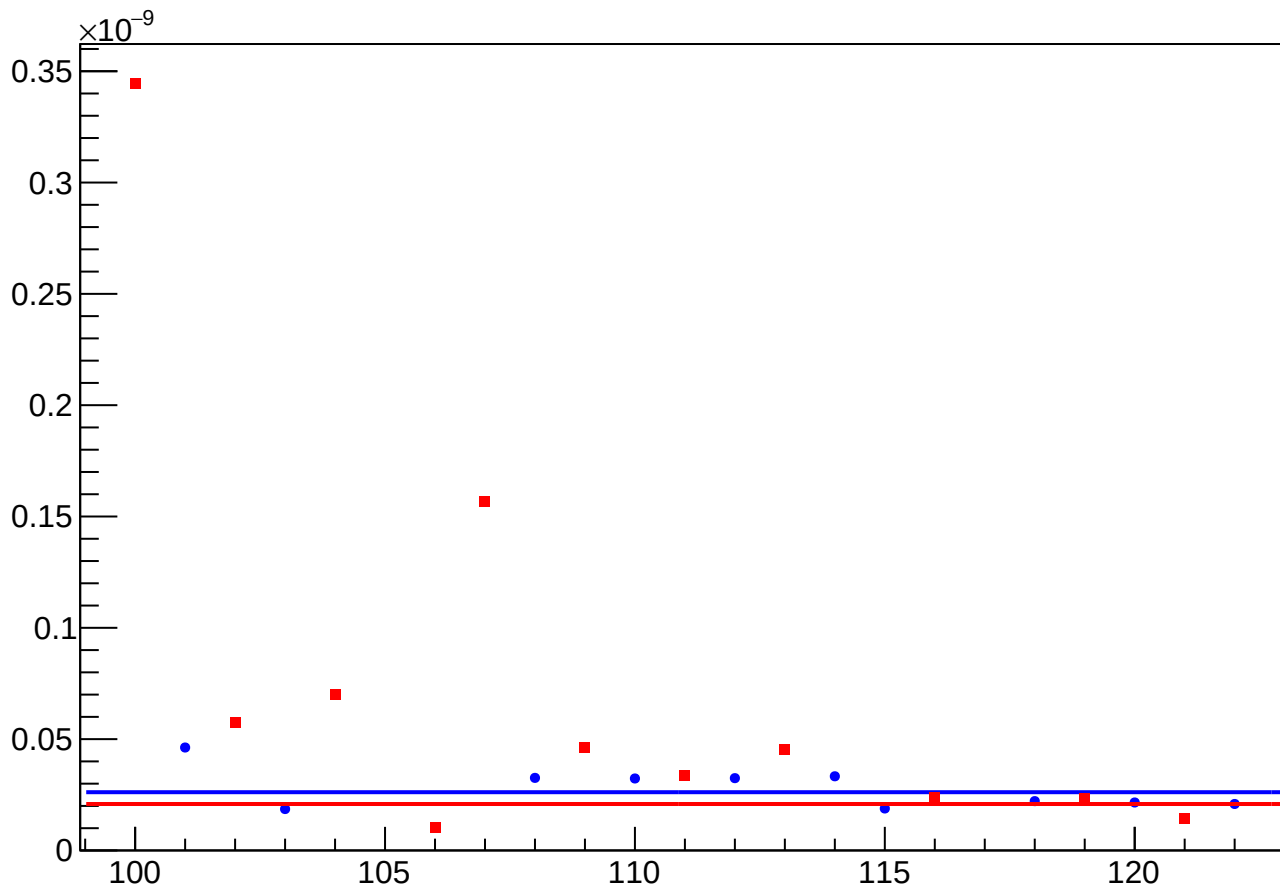
Right: -0.000+/-0.000 χ^2/NDF : 13.9/20

In: -0.000+/-0.000 χ^2/NDF : 4.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.9/20

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 271535.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1326854.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

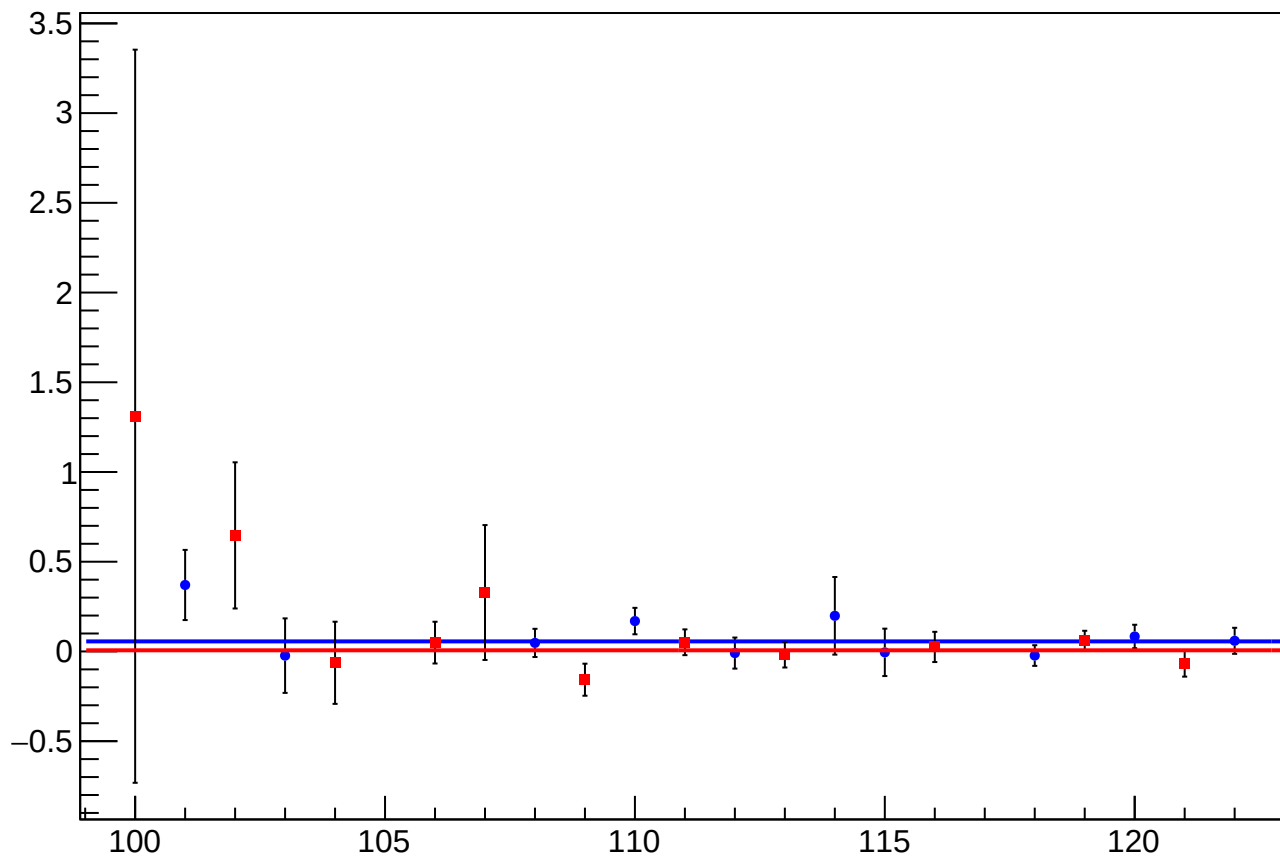
Right: 0.000+/-0.000 χ^2/NDF : 1665012.9/20

In: 0.000+/-0.000 χ^2/NDF : 271535.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1665012.9/20

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: 0.006+/-0.028 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

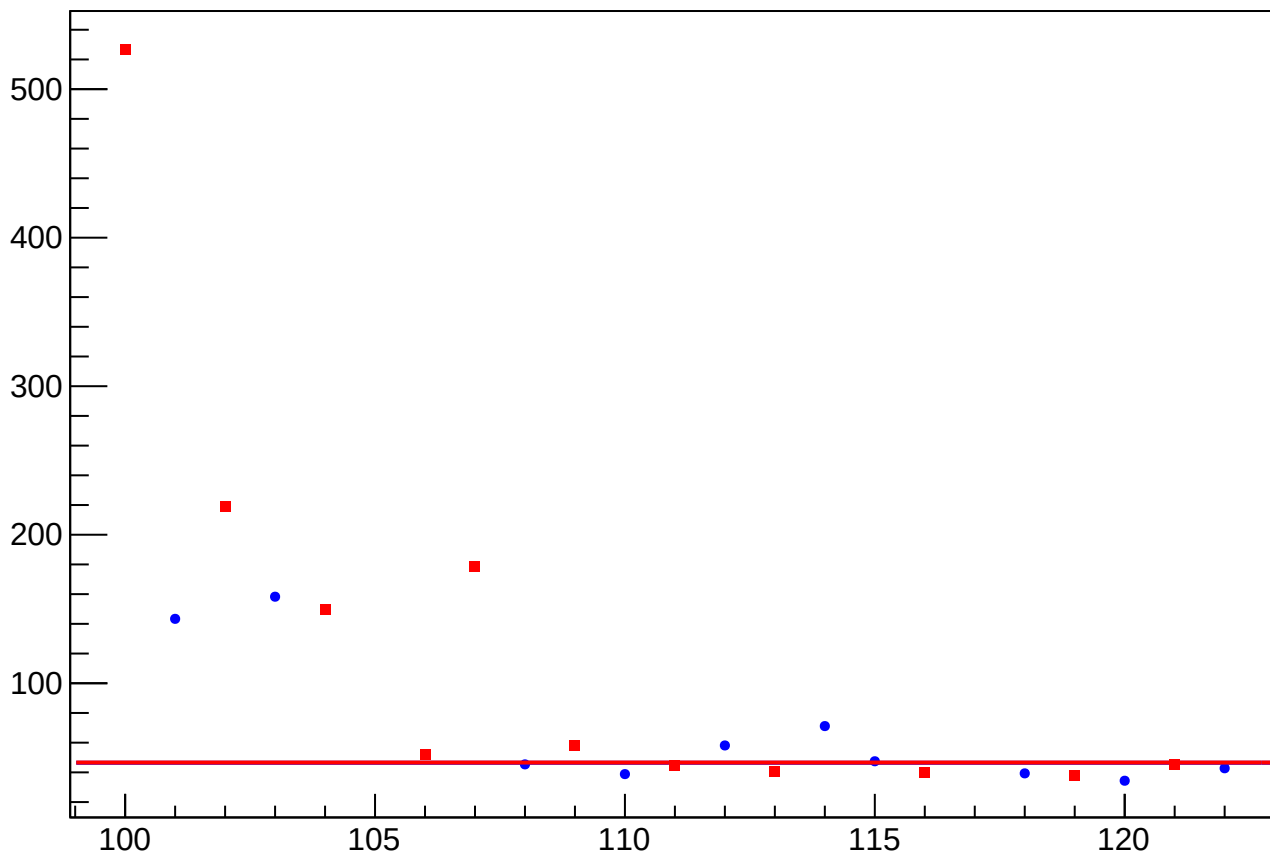
Right: 0.032+/-0.019 χ^2/NDF : 19.8/20

In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.019 χ^2/NDF : 19.8/20

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.465+/-0.019 χ^2/NDF : 1260412.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.620+/-0.020 χ^2/NDF : 1241301.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

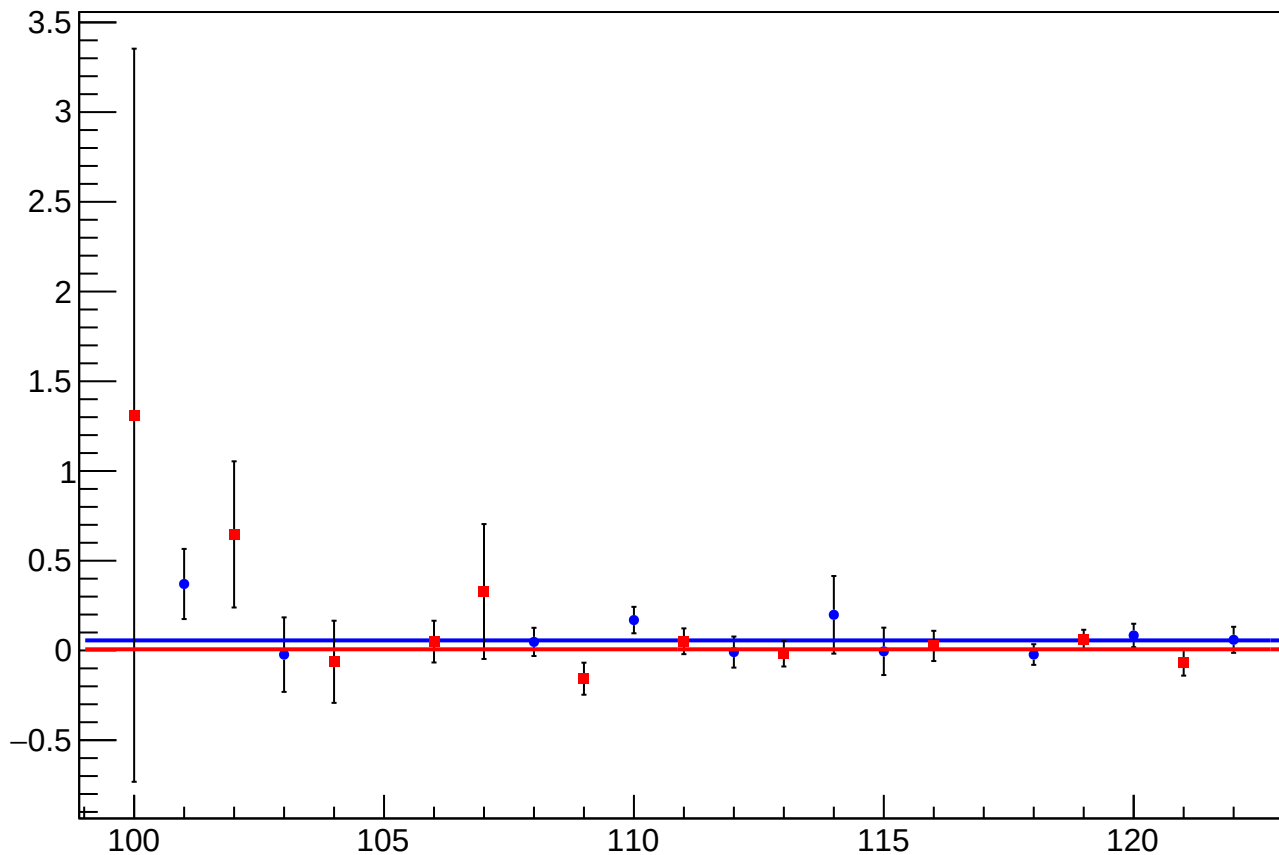
Right: 46.541+/-0.014 χ^2/NDF : 2501745.9/20

In: 46.465+/-0.019 χ^2/NDF : 1260412.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.541+/-0.014 χ^2/NDF : 2501745.9/20

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: 0.006+/-0.028 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

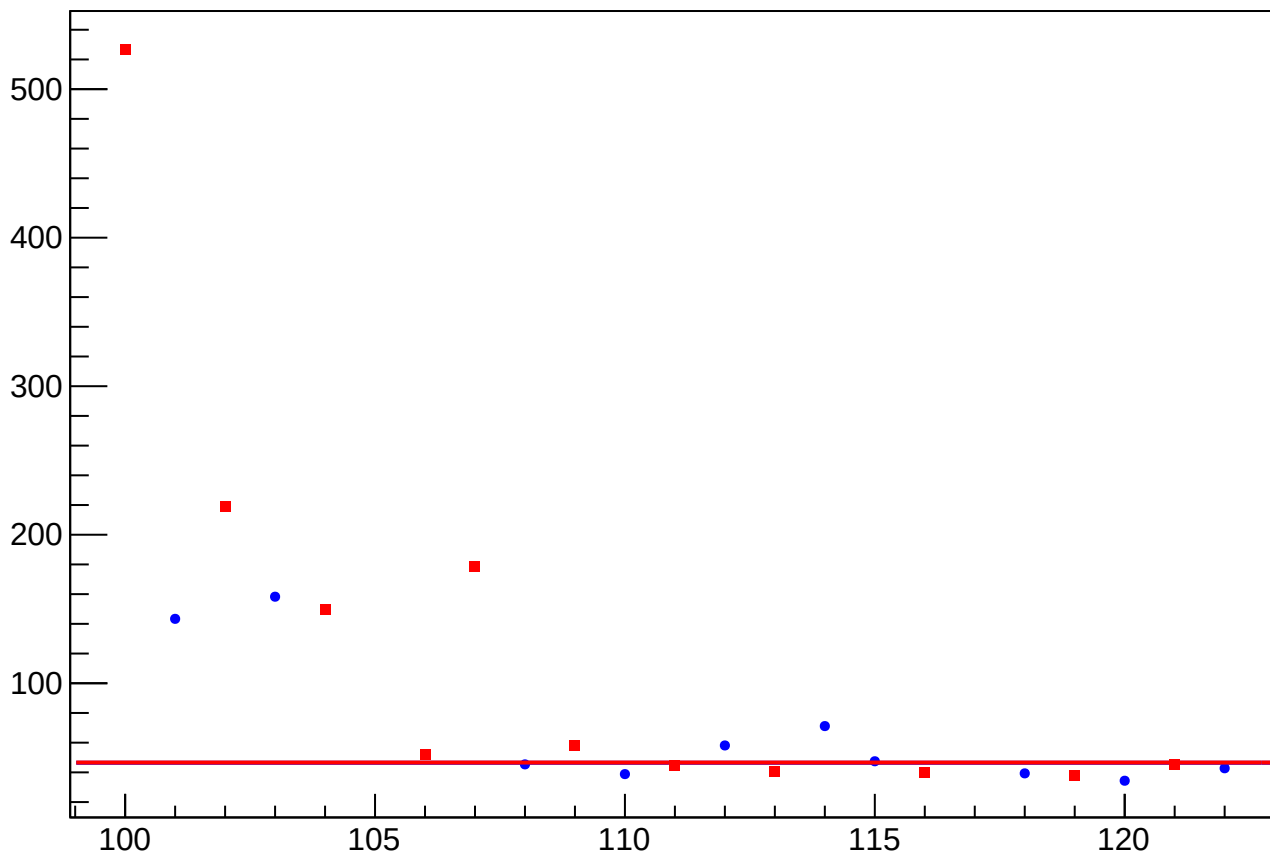
Right: 0.032+/-0.019 χ^2/NDF : 19.8/20

In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.019 χ^2/NDF : 19.8/20

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.465+/-0.019 χ^2/NDF : 1260412.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.620+/-0.020 χ^2/NDF : 1241301.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

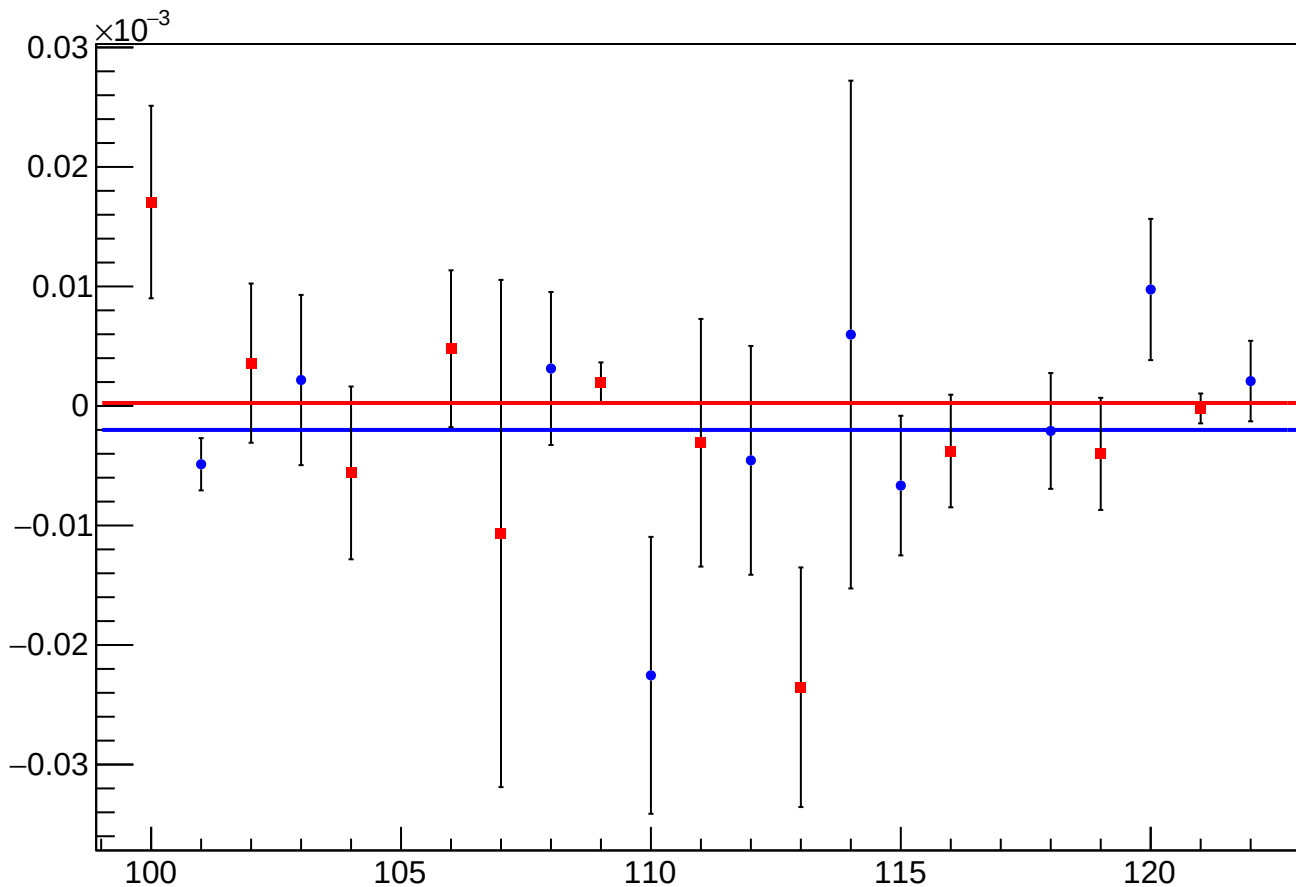
Right: 46.541+/-0.014 χ^2/NDF : 2501745.9/20

In: 46.465+/-0.019 χ^2/NDF : 1260412.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.541+/-0.014 χ^2/NDF : 2501745.9/20

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 : 12.1/9

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

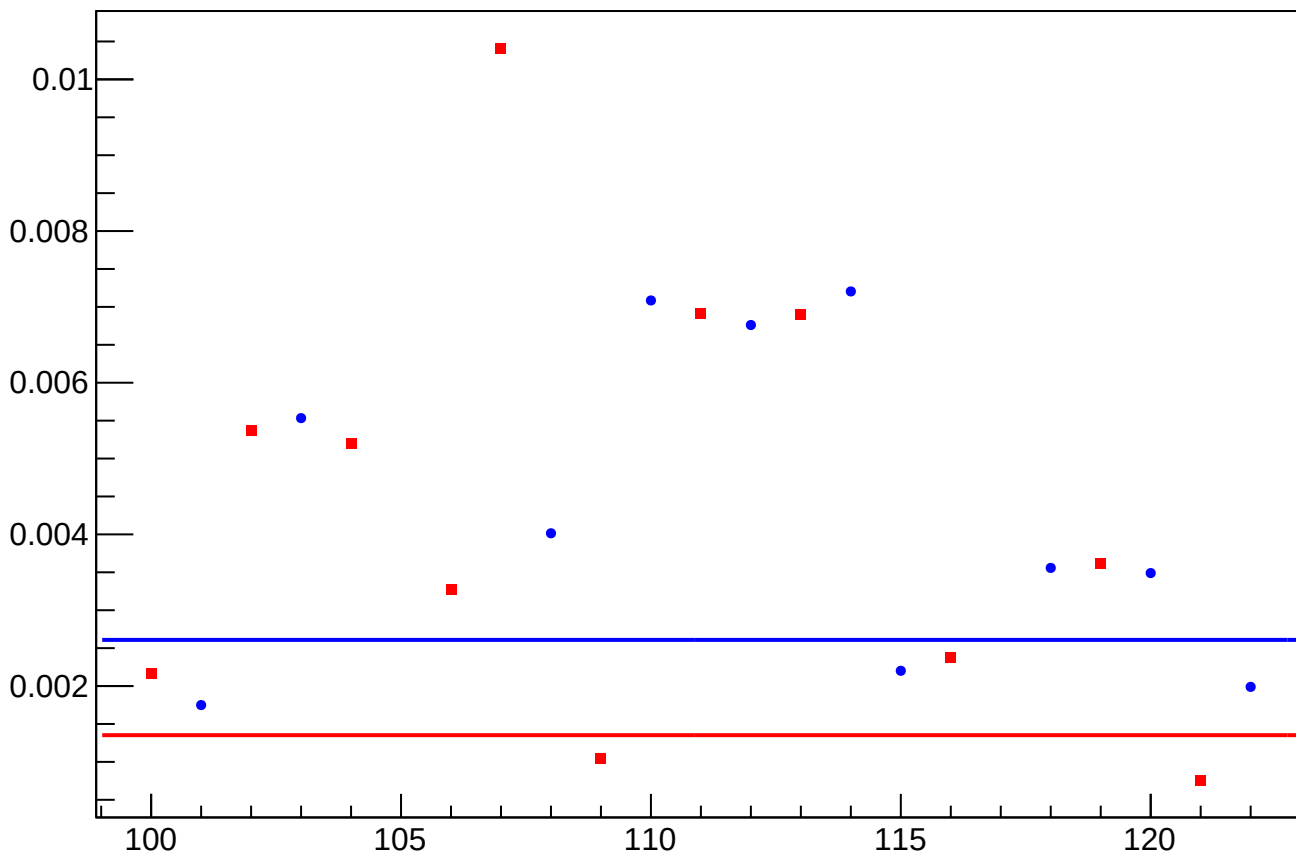
Right: -0.000+/-0.000 χ^2/NDF : 28.3/20

In: -0.000+/-0.000 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.3/20

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 : 1710275.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4132454.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

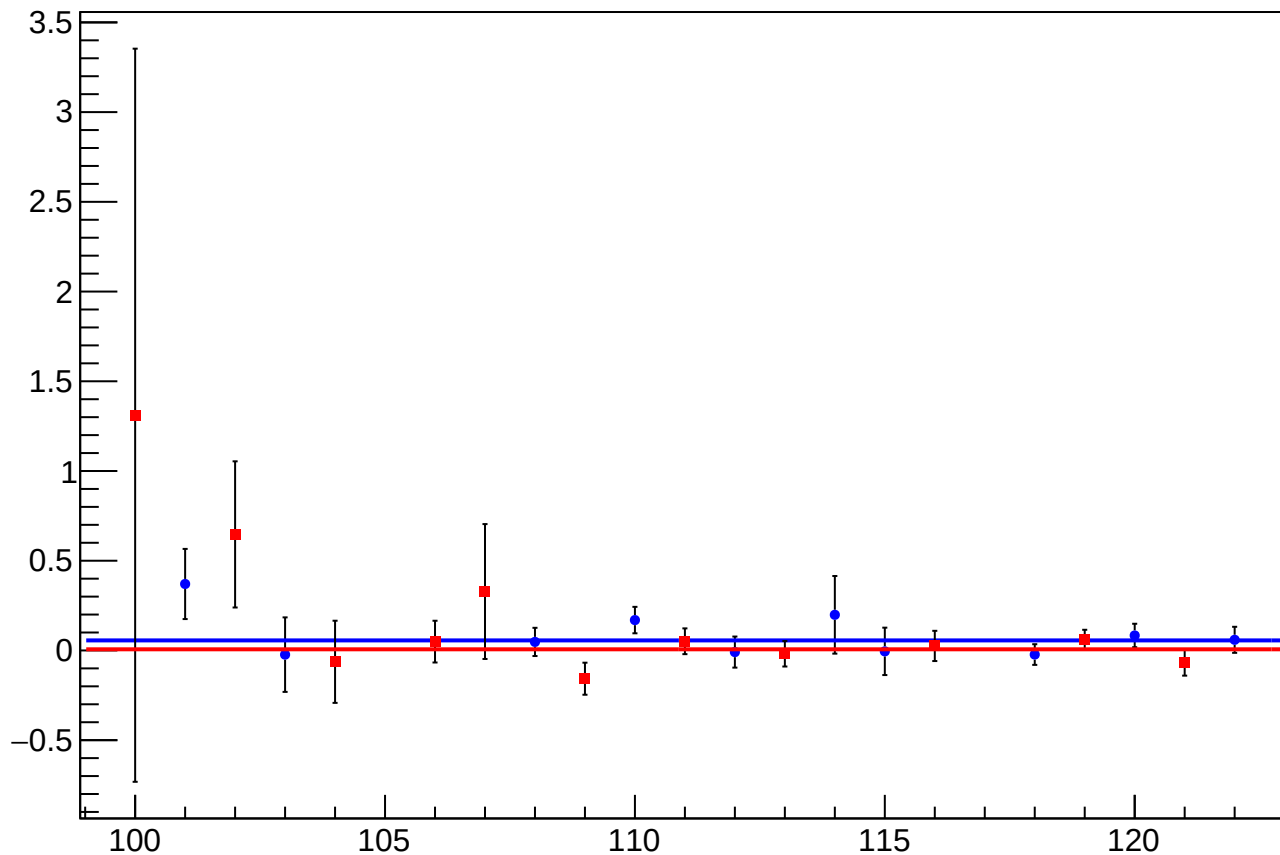
Right: 0.002+/-0.000 χ^2/NDF : 6896962.5/20

In: 0.003+/-0.000 χ^2/NDF : 1710275.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6896962.5/20

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: 0.006+/-0.028 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

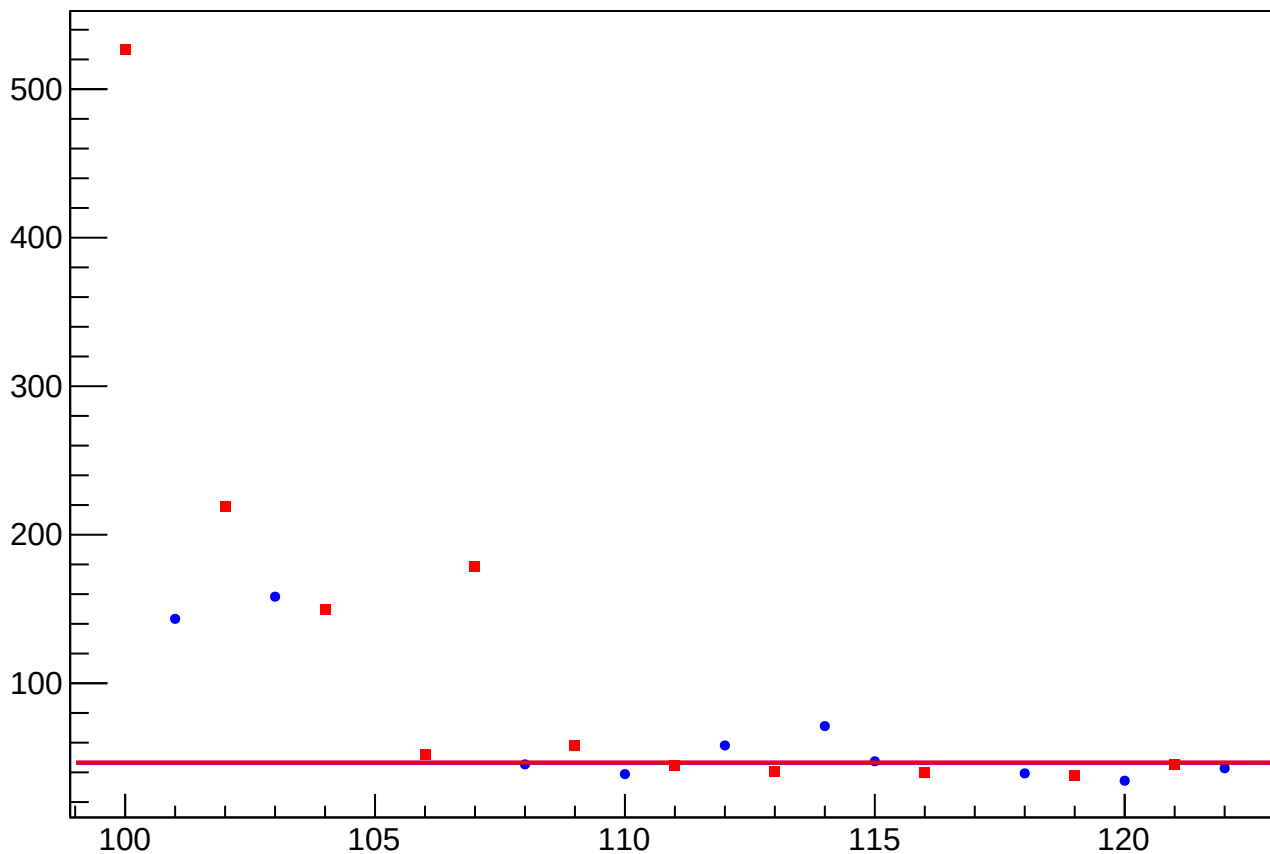
Right: 0.032+/-0.019 χ^2/NDF : 19.8/20

In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.019 χ^2/NDF : 19.8/20

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.464+/-0.019 χ^2/NDF : 1260479.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.622+/-0.020 χ^2/NDF : 1241241.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

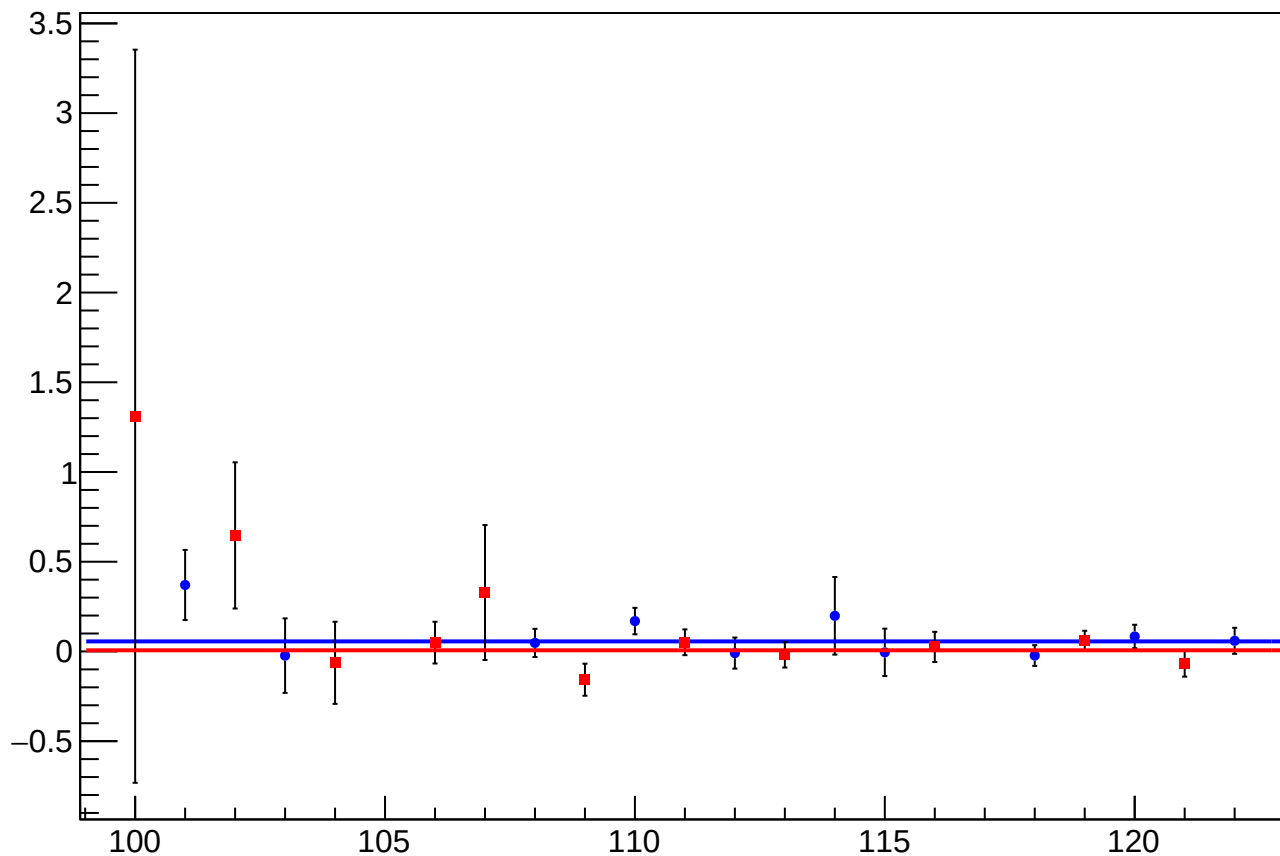
Right: 46.542+/-0.014 χ^2/NDF : 2501753.4/20

In: 46.464+/-0.019 χ^2/NDF : 1260479.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.542+/-0.014 χ^2/NDF : 2501753.4/20

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: 0.006+/-0.028 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

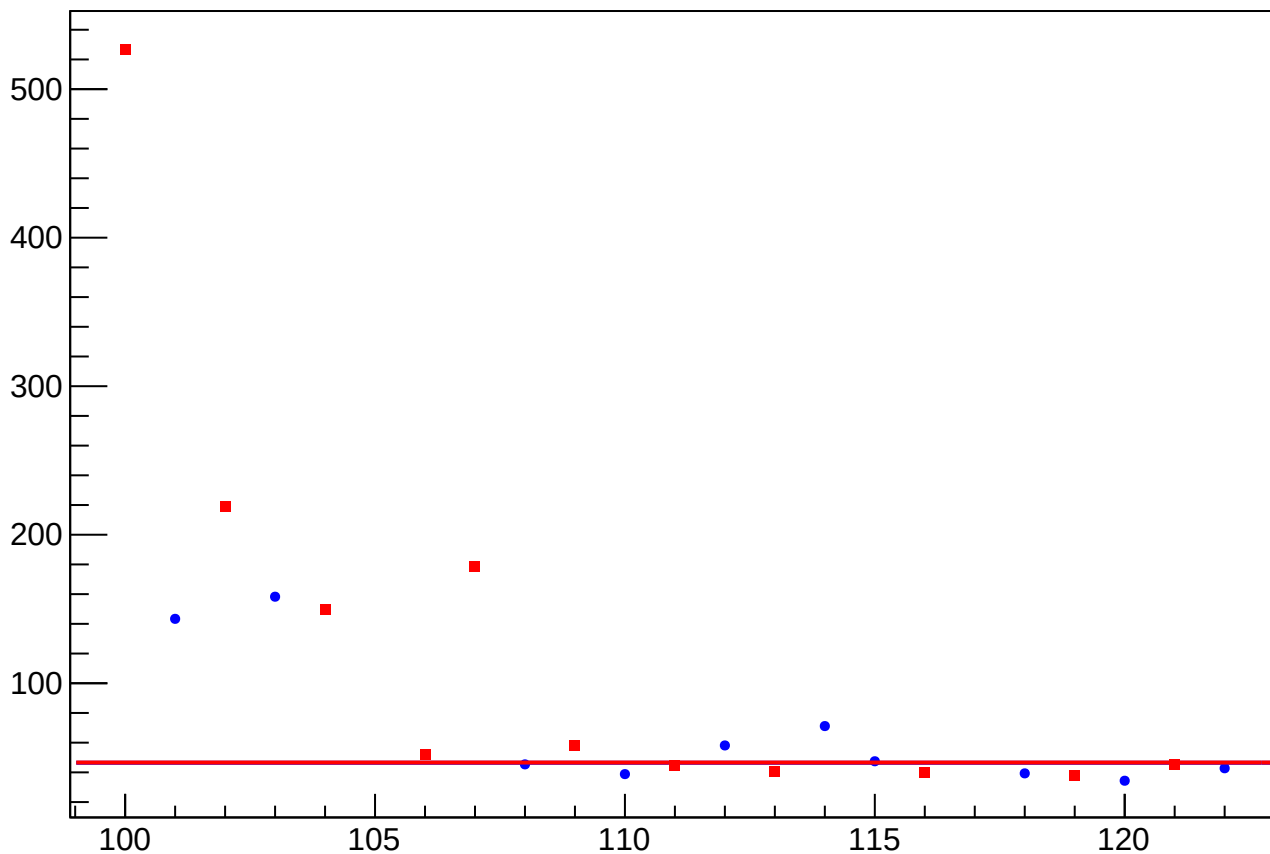
Right: 0.032+/-0.019 χ^2/NDF : 19.8/20

In: 0.056+/-0.027 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.019 χ^2/NDF : 19.8/20

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.464+/-0.019 χ^2/NDF : 1260479.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.622+/-0.020 χ^2/NDF : 1241241.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

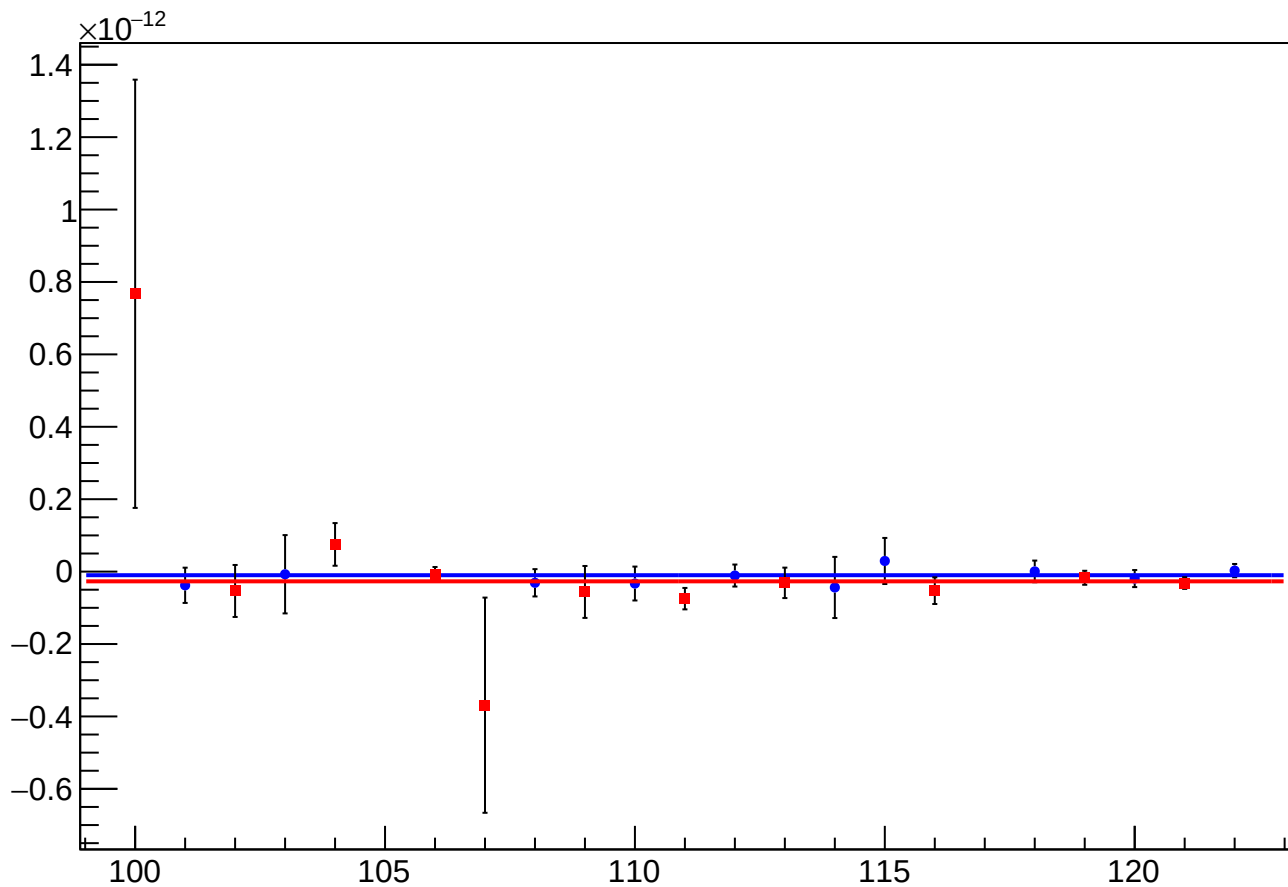
Right: 46.542+/-0.014 χ^2/NDF : 2501753.4/20

In: 46.464+/-0.019 χ^2/NDF : 1260479.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.542+/-0.014 χ^2/NDF : 2501753.4/20

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.2/9

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

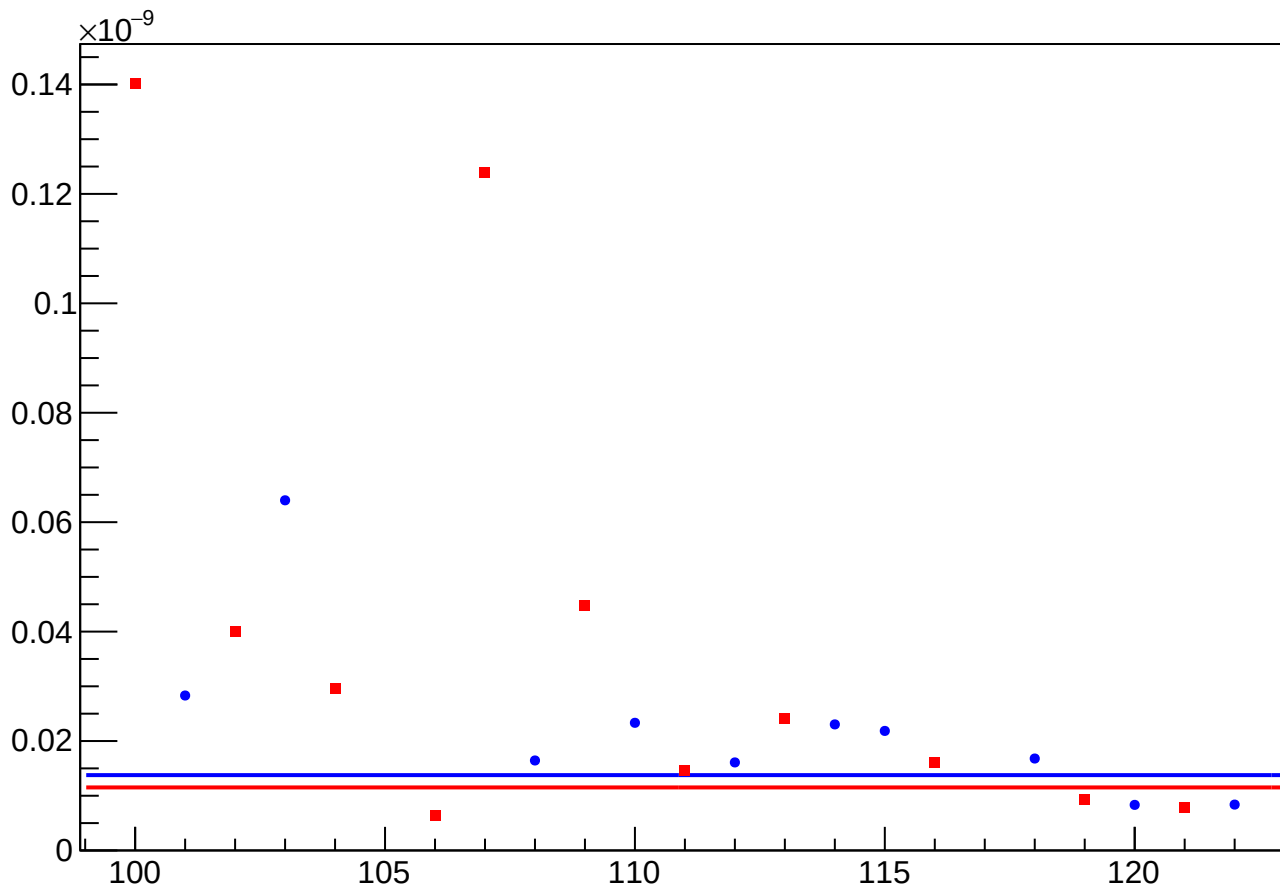
Right: -0.000+/-0.000 χ^2 /NDF: 14.6/20

In: -0.000+/-0.000 χ^2 /NDF:2.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.6/20

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 : 1072039.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1810776.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

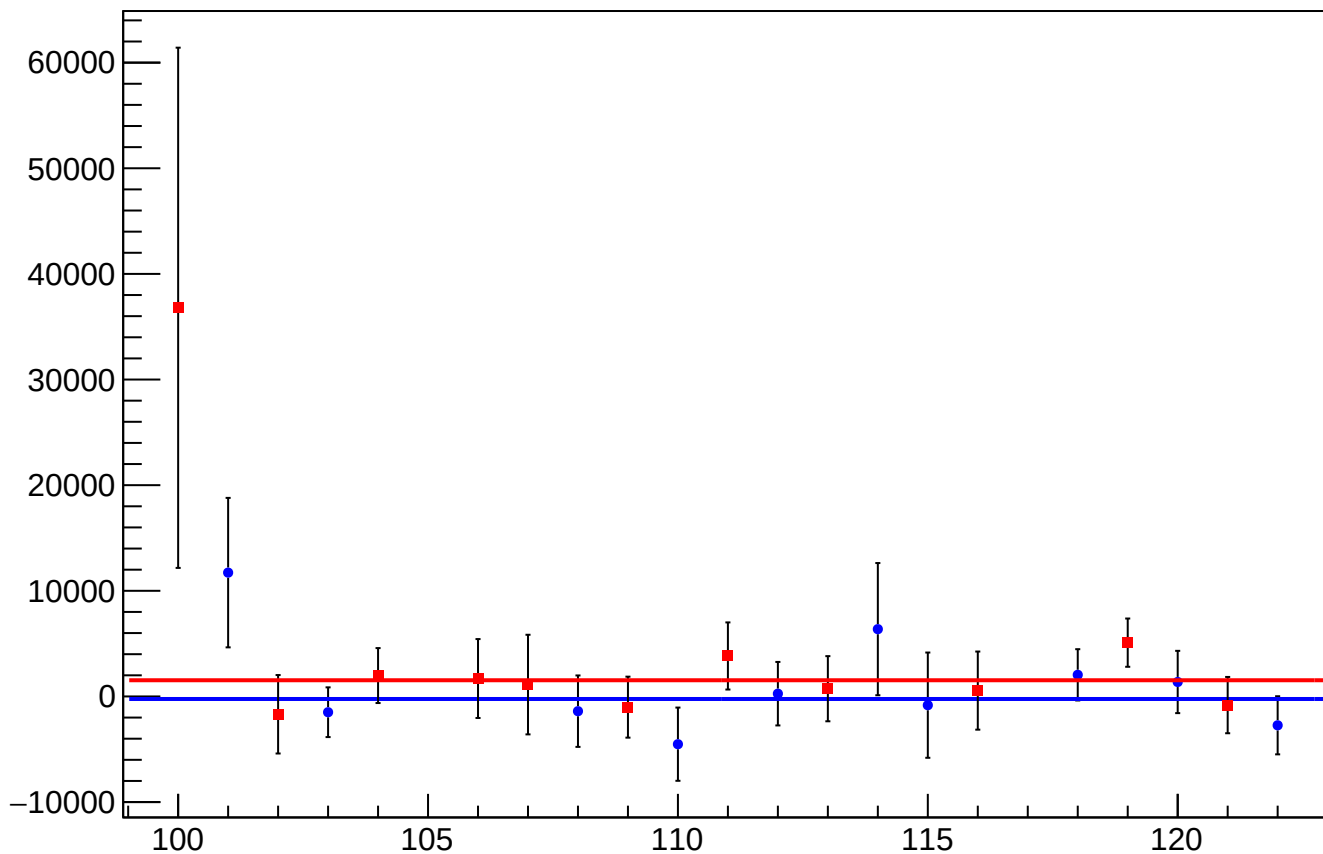
Right: 0.000+/-0.000 χ^2/NDF : 2935466.6/20

In: 0.000+/-0.000 χ^2/NDF : 1072039.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2935466.6/20

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -240.543+/-1018.175 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1532.648+/-967.453 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

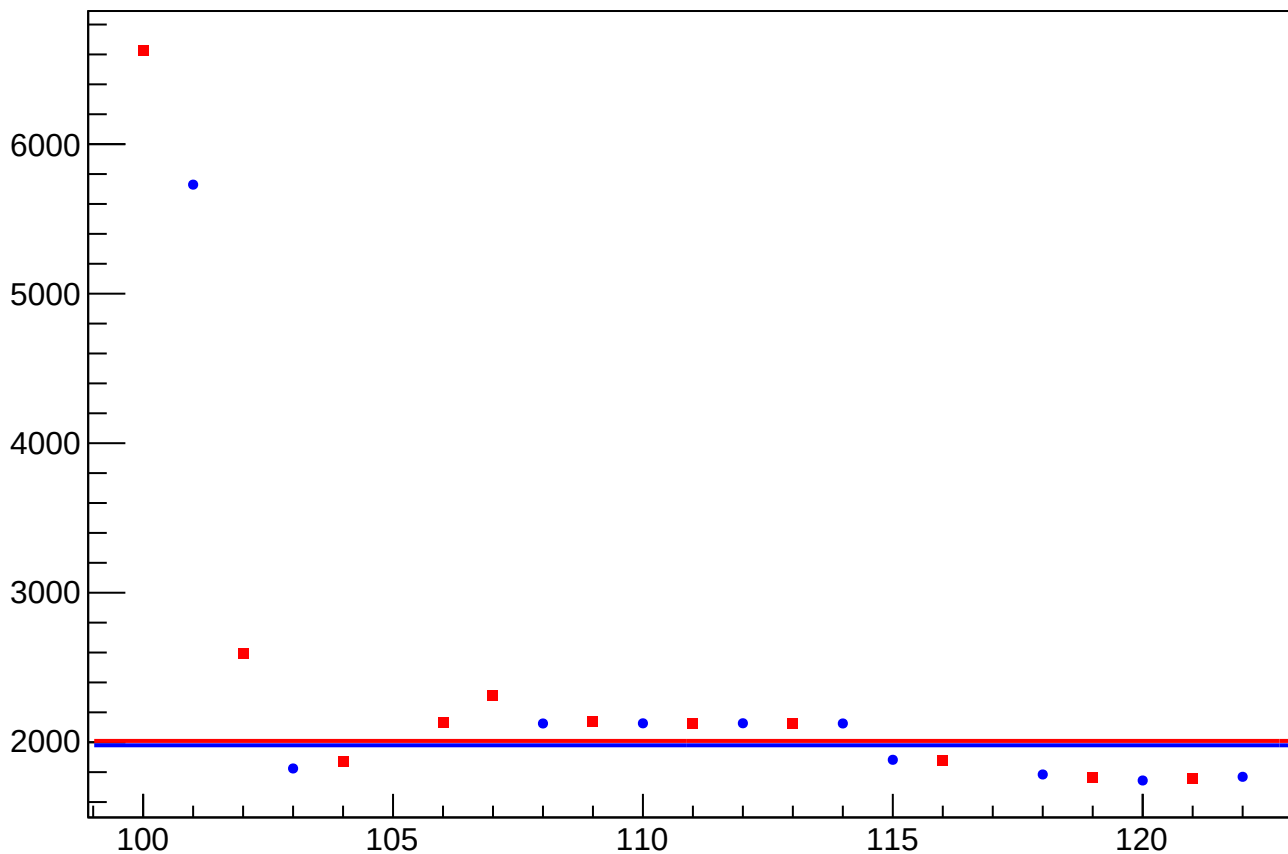
Right: 691.318+/-701.339 χ^2/NDF : 17.0/20

In: -240.543+/-1018.175 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.318+/-701.339 χ^2/NDF : 17.0/20

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1979.618+/-0.720 χ^2/NDF : 621792.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2008.878+/-0.684 χ^2/NDF : 188308.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

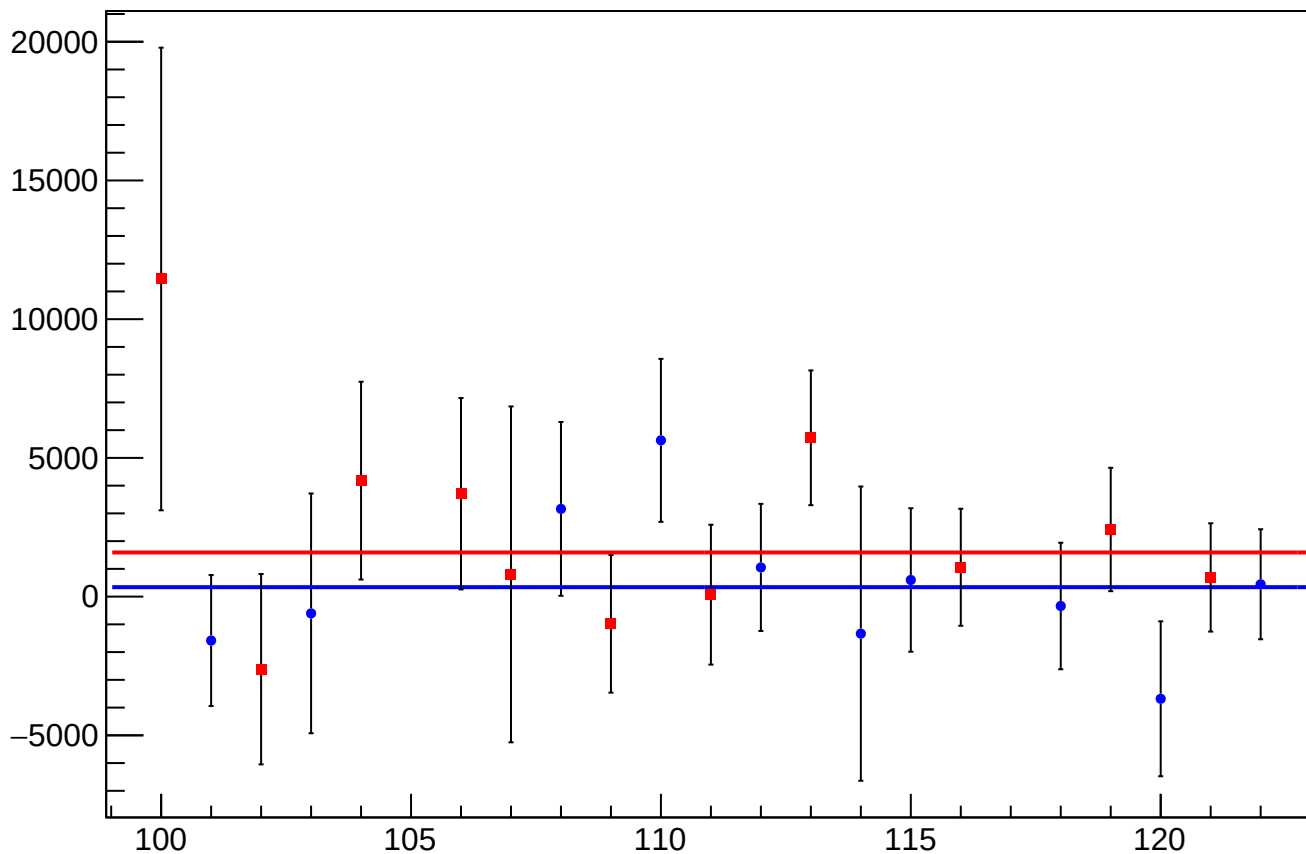
Right: 1994.995+/-0.496 χ^2/NDF : 810968.9/20

In: 1979.618+/-0.720 χ^2/NDF : 621792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.995+/-0.496 χ^2/NDF : 810968.9/20

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 340.512+/-844.804 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.291+/-825.184 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

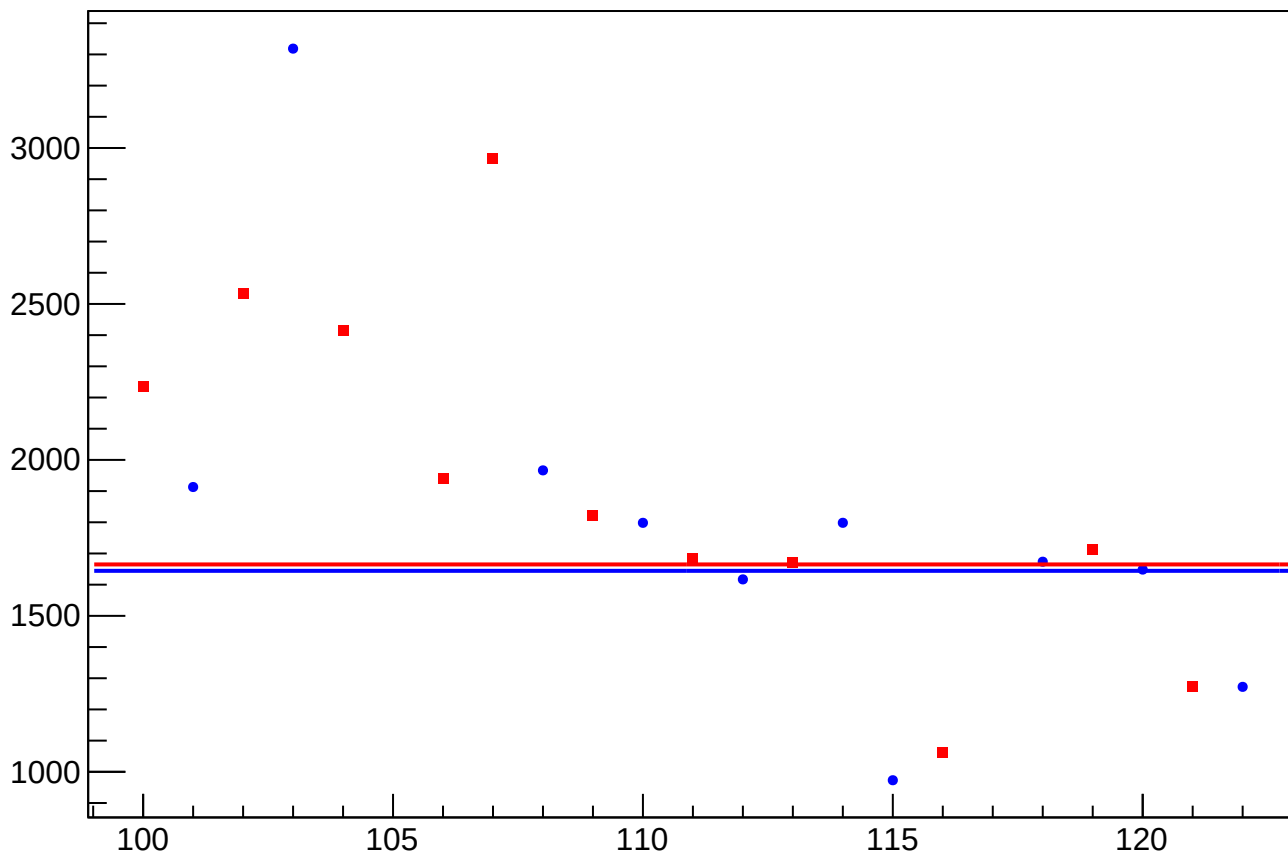
Right: 980.082+/-590.307 χ^2/NDF : 16.8/20

In: 340.512+/-844.804 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 980.082+/-590.307 χ^2/NDF : 16.8/20

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1644.349+/-0.597 χ^2/NDF : 560185.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.869+/-0.583 χ^2/NDF : 584151.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

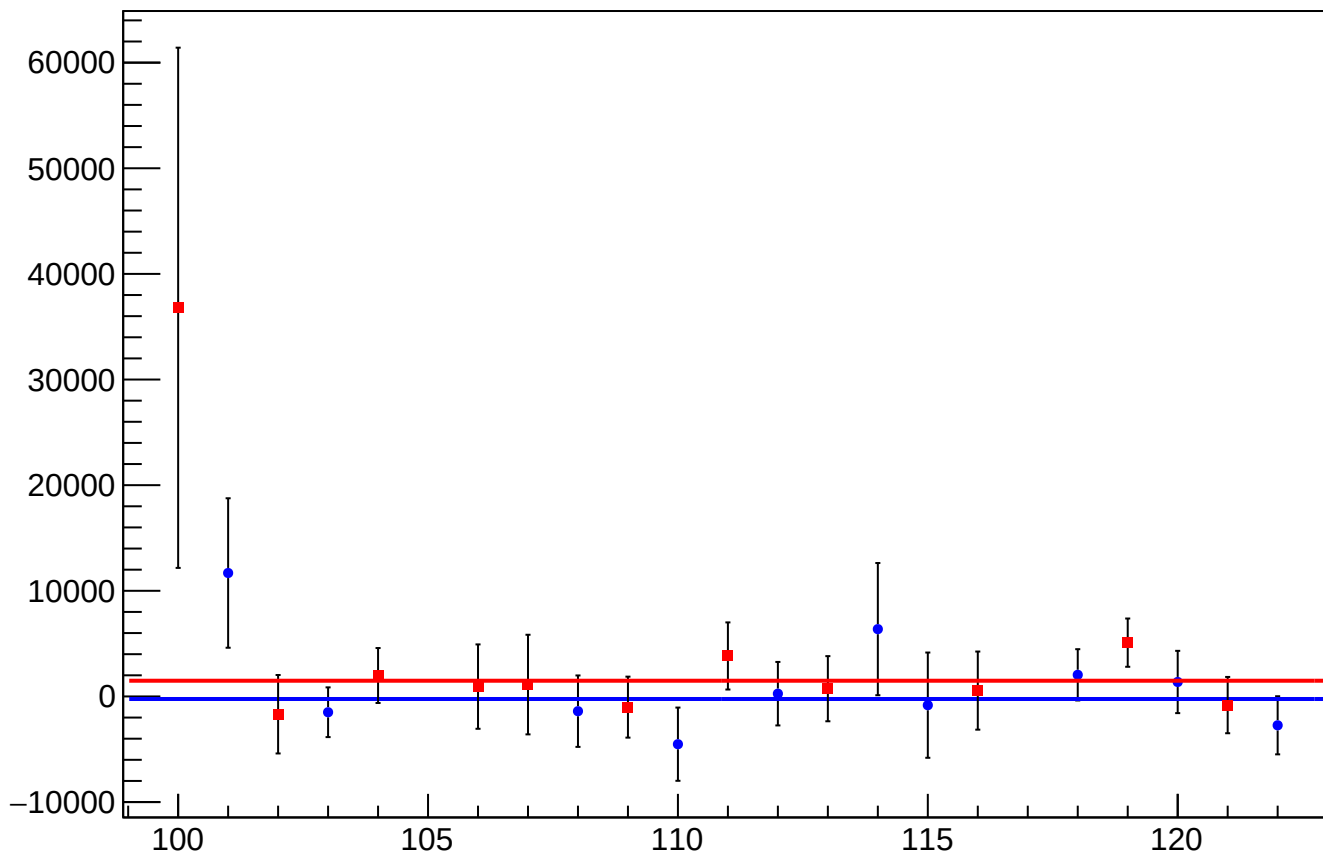
Right: 1654.850+/-0.417 χ^2/NDF : 1144941.0/20

In: 1644.349+/-0.597 χ^2/NDF : 560185.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.850+/-0.417 χ^2/NDF : 1144941.0/20

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -241.915+/-1018.175 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1487.041+/-971.546 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

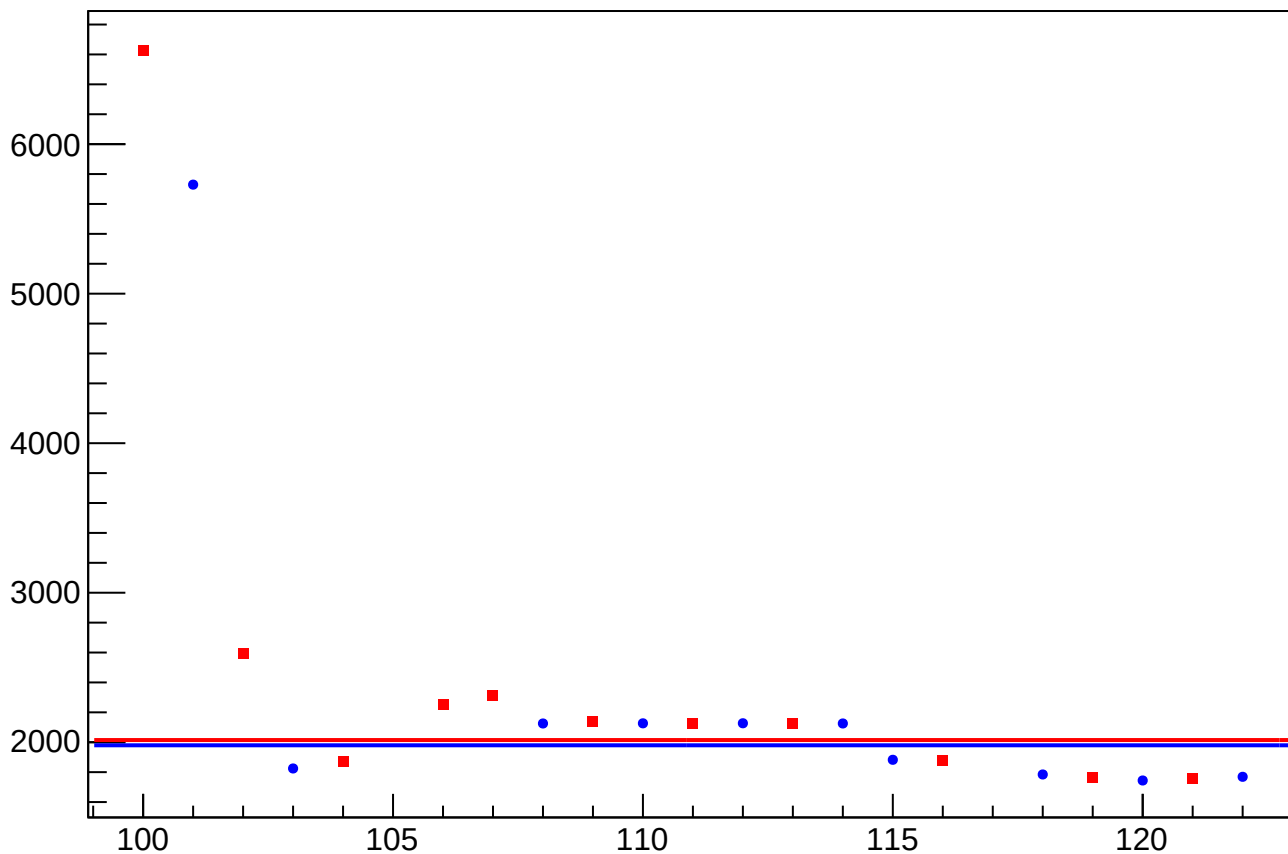
Right: 663.060+/-702.893 χ^2/NDF : 16.9/20

In: -241.915+/-1018.175 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.060+/-702.893 χ^2/NDF : 16.9/20

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1979.619+/-0.720 χ^2/NDF : 621792.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2014.735+/-0.687 χ^2/NDF : 193283.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

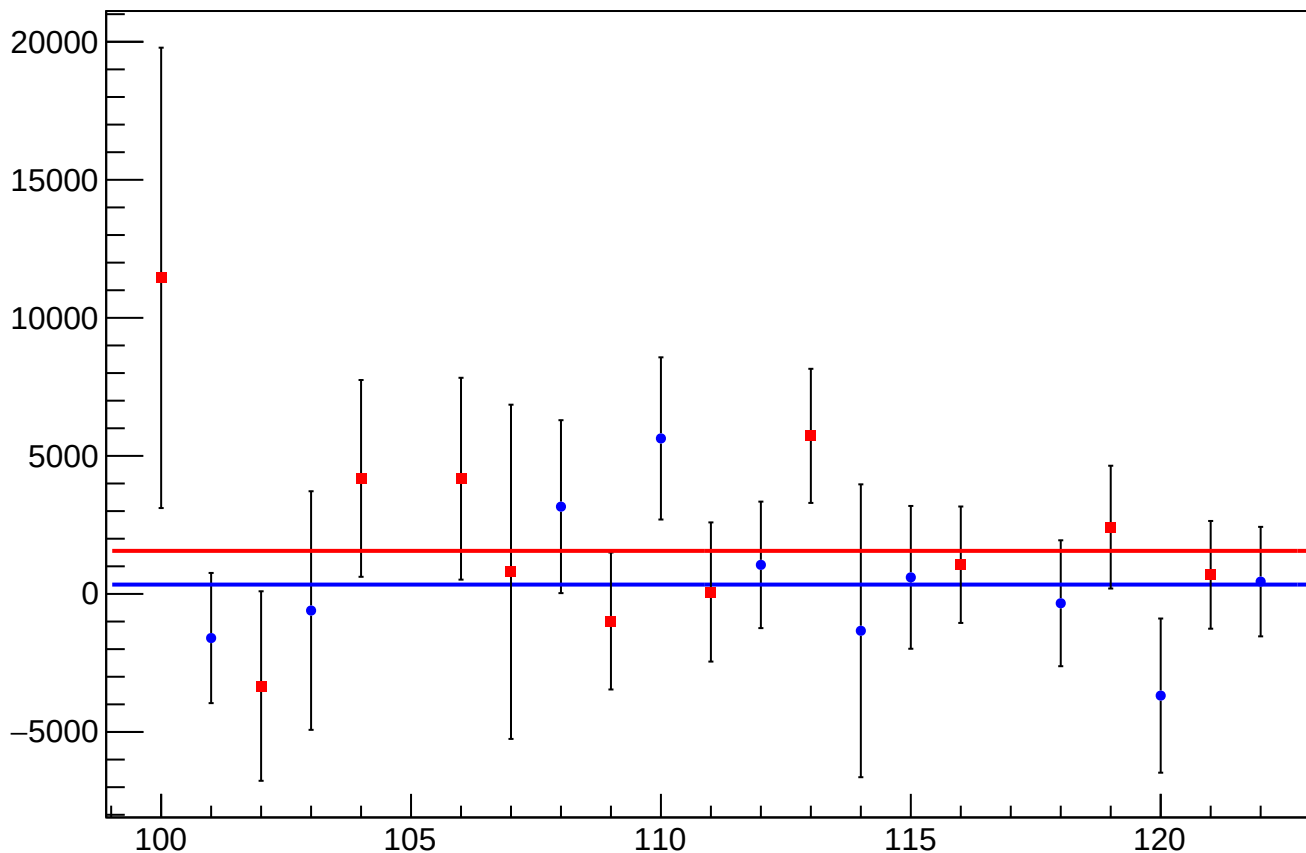
Right: 1997.999+/-0.497 χ^2/NDF : 816321.5/20

In: 1979.619+/-0.720 χ^2/NDF : 621792.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.999+/-0.497 χ^2/NDF : 816321.5/20

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 338.299+/-844.657 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1559.493+/-827.795 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

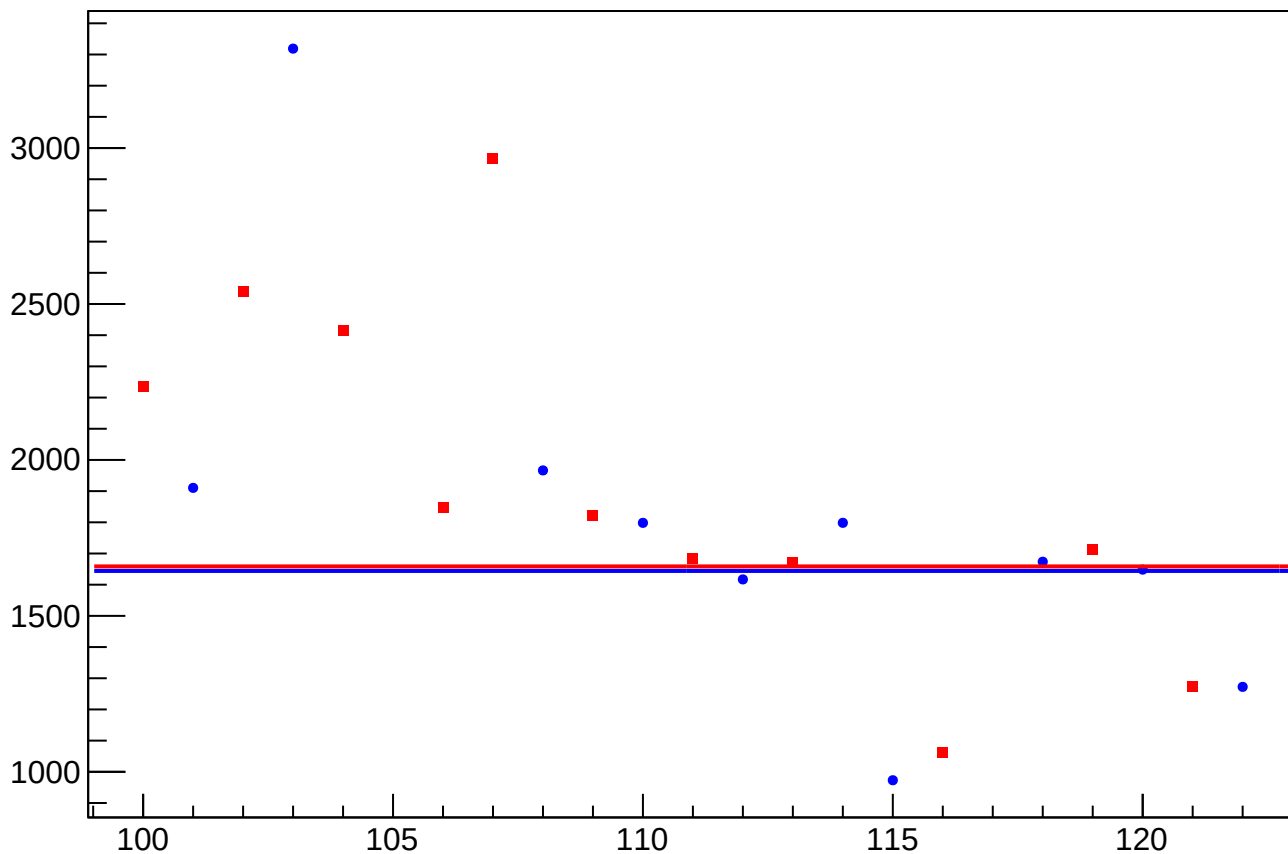
Right: 961.207+/-591.211 χ^2/NDF : 17.5/20

In: 338.299+/-844.657 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 961.207+/-591.211 χ^2/NDF : 17.5/20

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1644.101+/-0.597 χ^2/NDF : 559804.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1658.623+/-0.585 χ^2/NDF : 577898.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

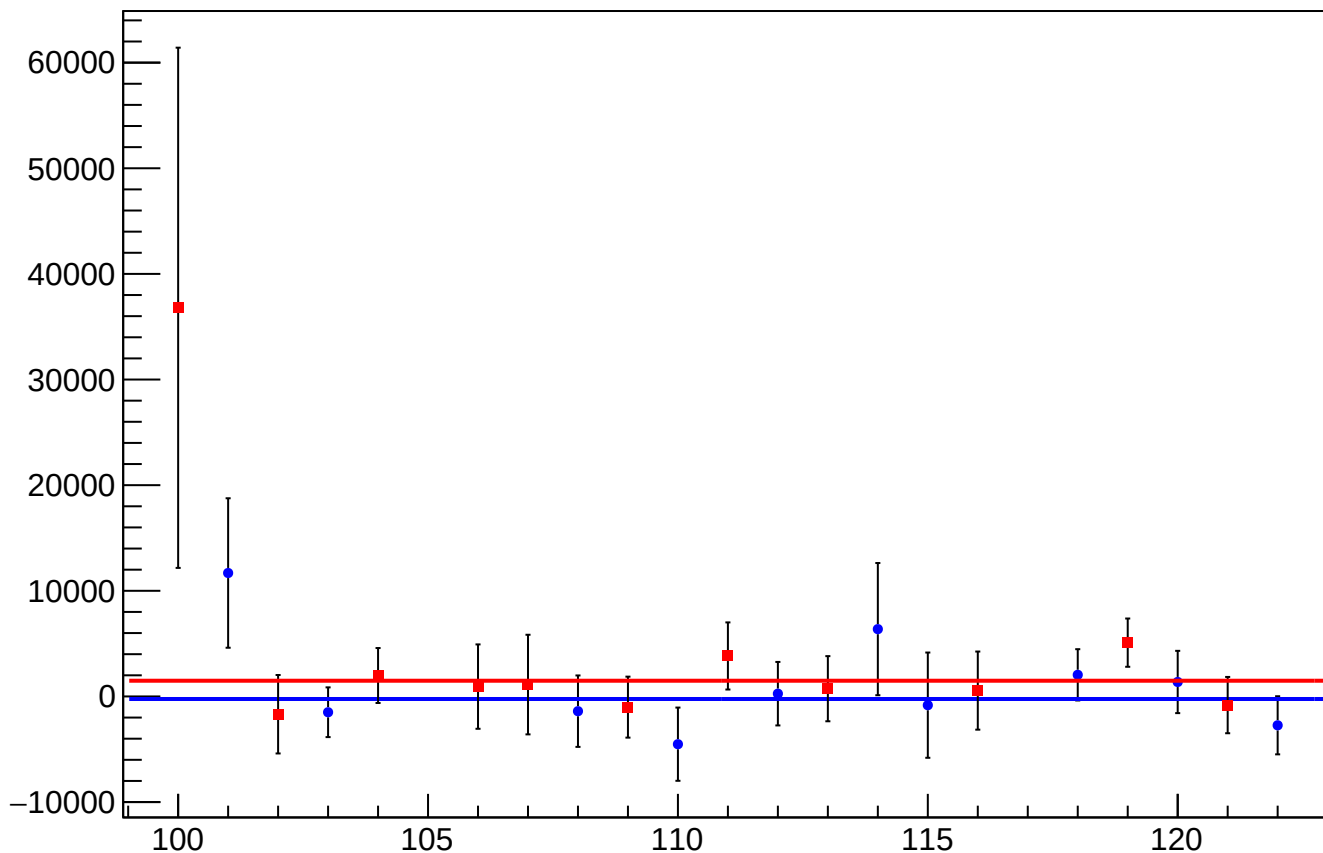
Right: 1651.508+/-0.418 χ^2/NDF : 1138004.6/20

In: 1644.101+/-0.597 χ^2/NDF : 559804.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1651.508+/-0.418 χ^2/NDF : 1138004.6/20

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -241.915+/-1018.175 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1487.041+/-971.546 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

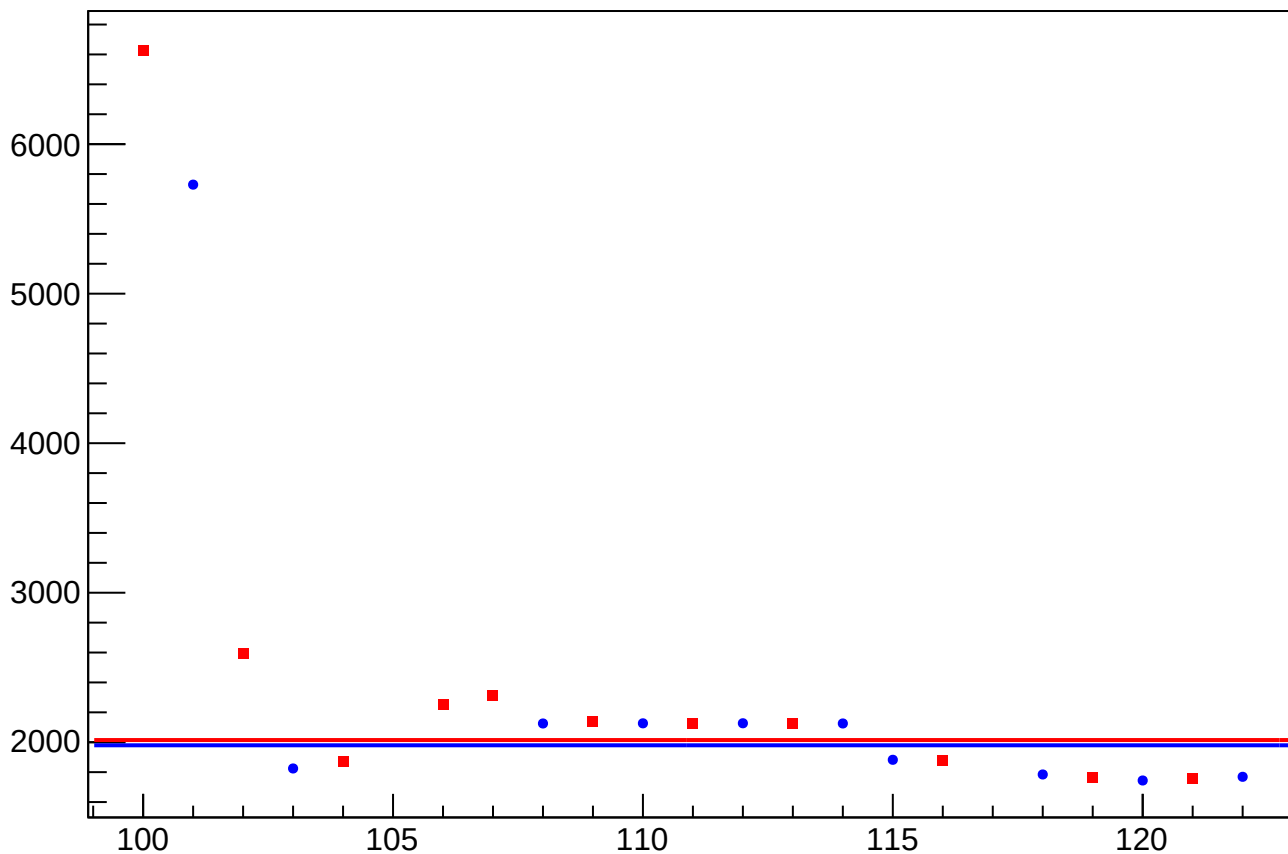
Right: 663.060+/-702.893 χ^2/NDF : 16.9/20

In: -241.915+/-1018.175 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.060+/-702.893 χ^2/NDF : 16.9/20

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1979.619+/-0.720 χ^2/NDF : 621792.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2014.735+/-0.687 χ^2/NDF : 193283.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

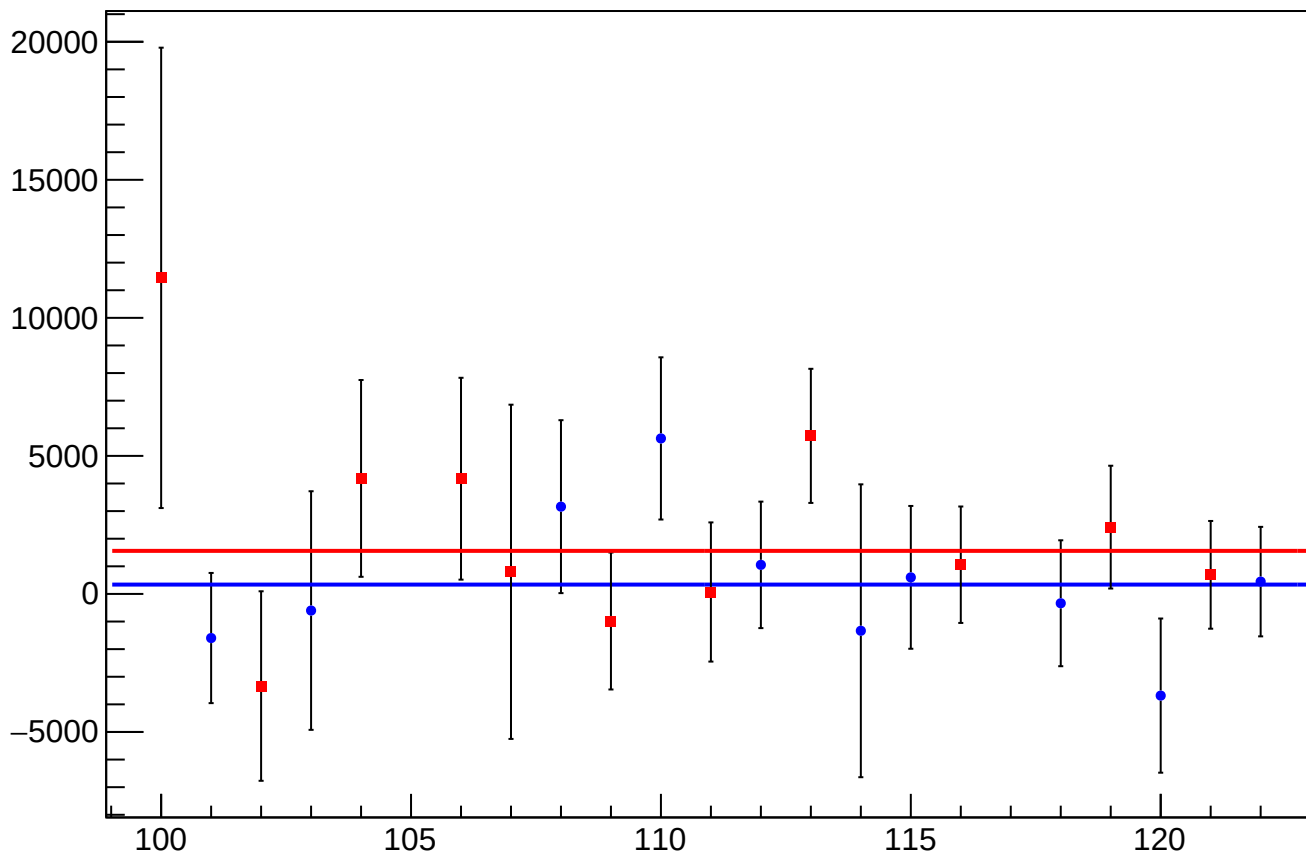
Right: 1997.999+/-0.497 χ^2/NDF : 816321.5/20

In: 1979.619+/-0.720 χ^2/NDF : 621792.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.999+/-0.497 χ^2/NDF : 816321.5/20

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 338.299+/-844.657 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1559.493+/-827.795 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

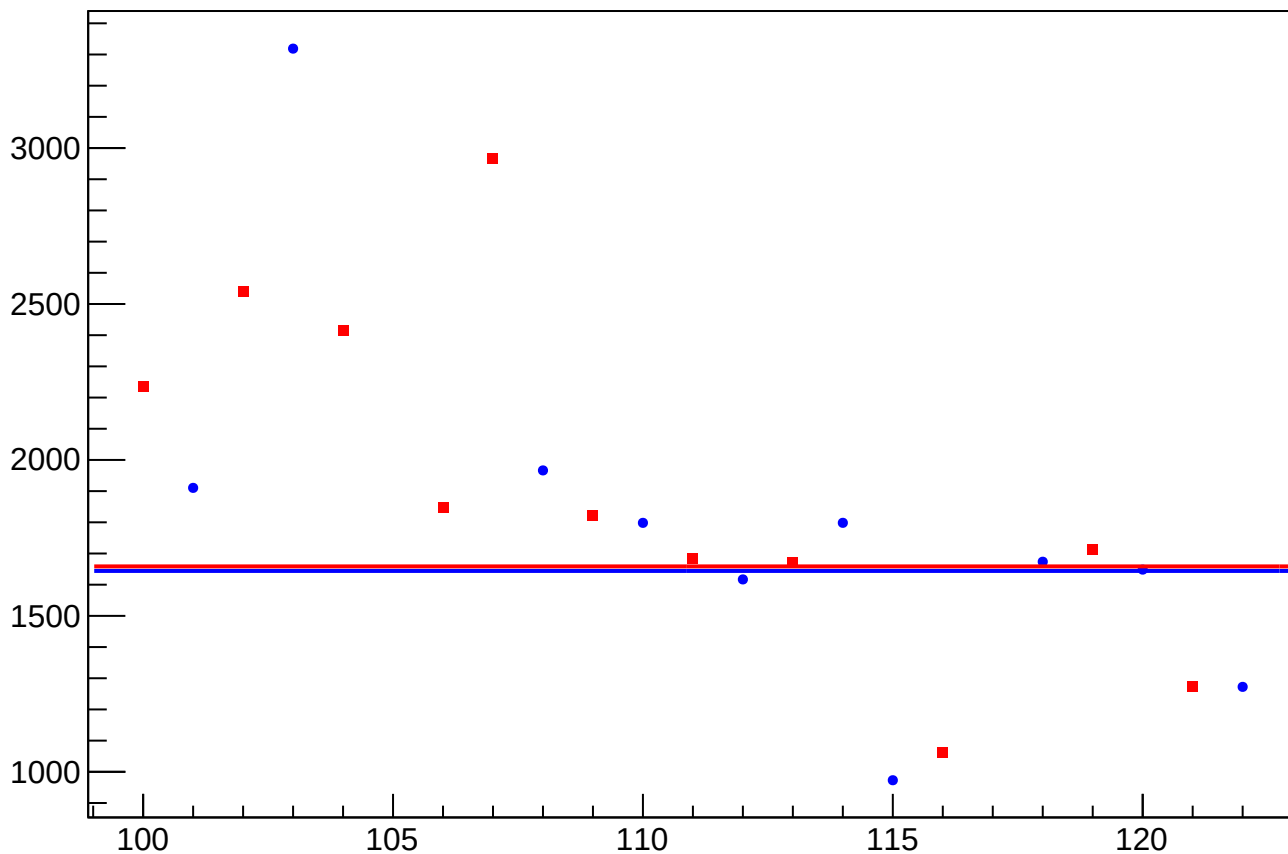
Right: 961.207+/-591.211 χ^2/NDF : 17.5/20

In: 338.299+/-844.657 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 961.207+/-591.211 χ^2/NDF : 17.5/20

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1644.101+/-0.597 χ^2/NDF : 559804.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1658.623+/-0.585 χ^2/NDF : 577898.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

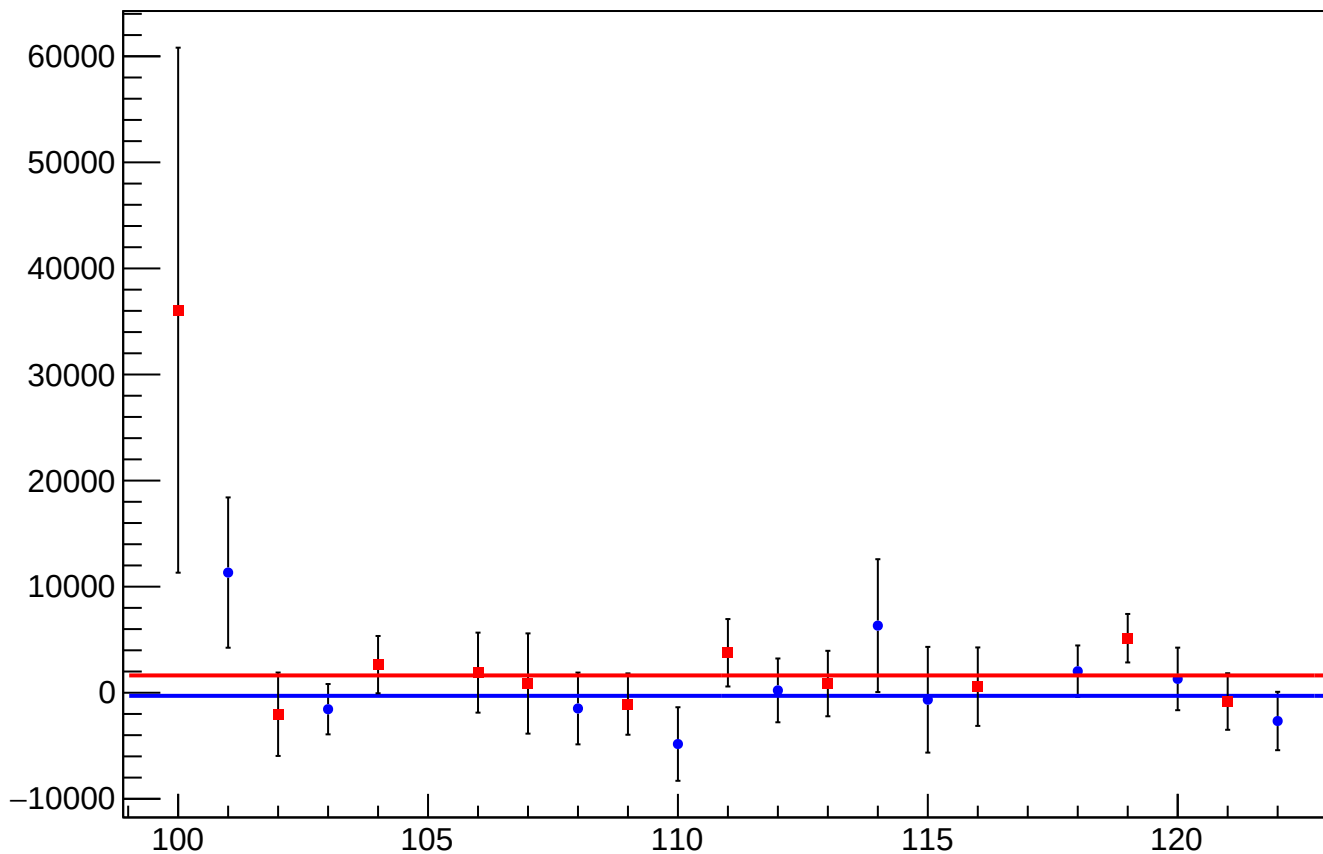
Right: 1651.508+/-0.418 χ^2/NDF : 1138004.6/20

In: 1644.101+/-0.597 χ^2/NDF : 559804.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1651.508+/-0.418 χ^2/NDF : 1138004.6/20

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -291.757+/-1020.073 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1631.718+/-977.142 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

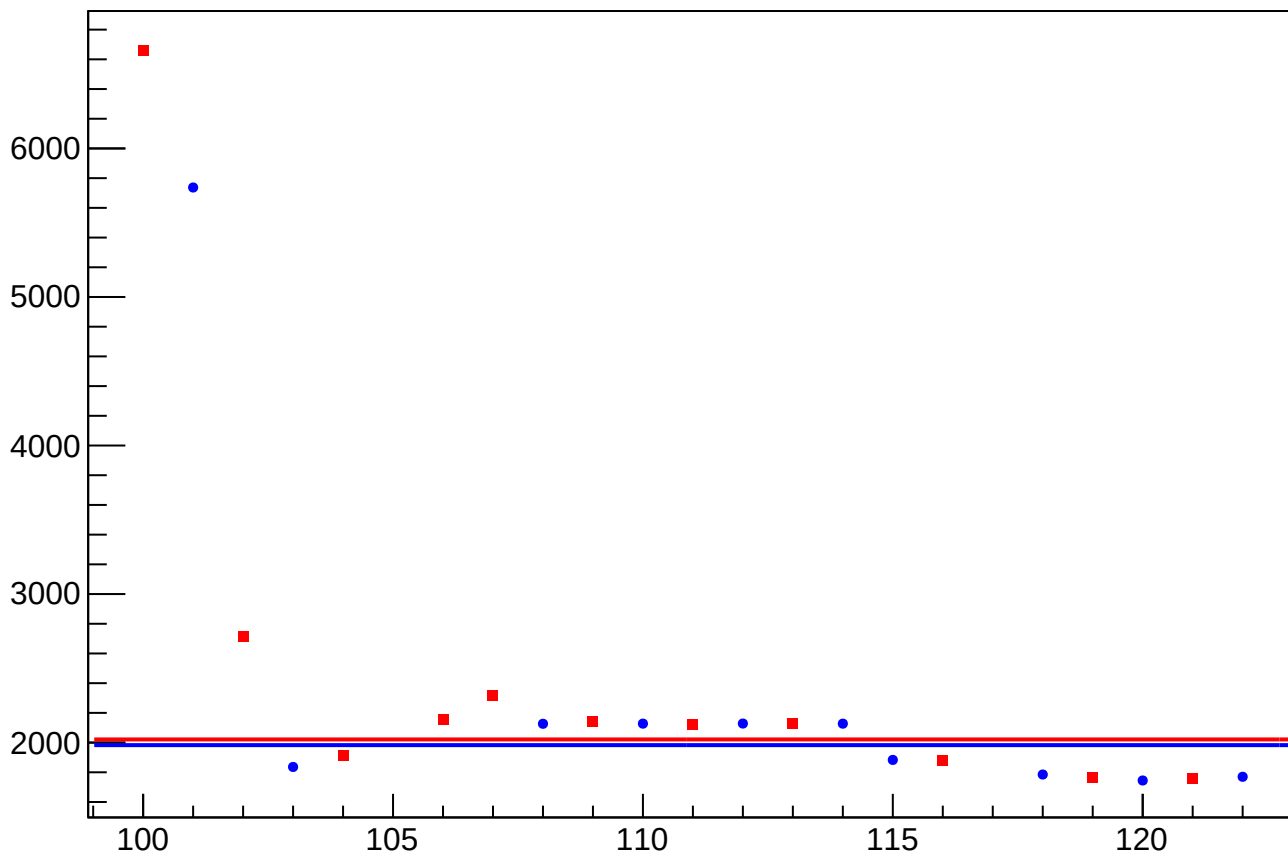
Right: 711.308+/-705.633 χ^2/NDF : 17.4/20

In: -291.757+/-1020.073 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.308+/-705.633 χ^2/NDF : 17.4/20

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1982.847+/-0.721 χ^2/NDF : 621175.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2021.179+/-0.691 χ^2/NDF : 200694.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

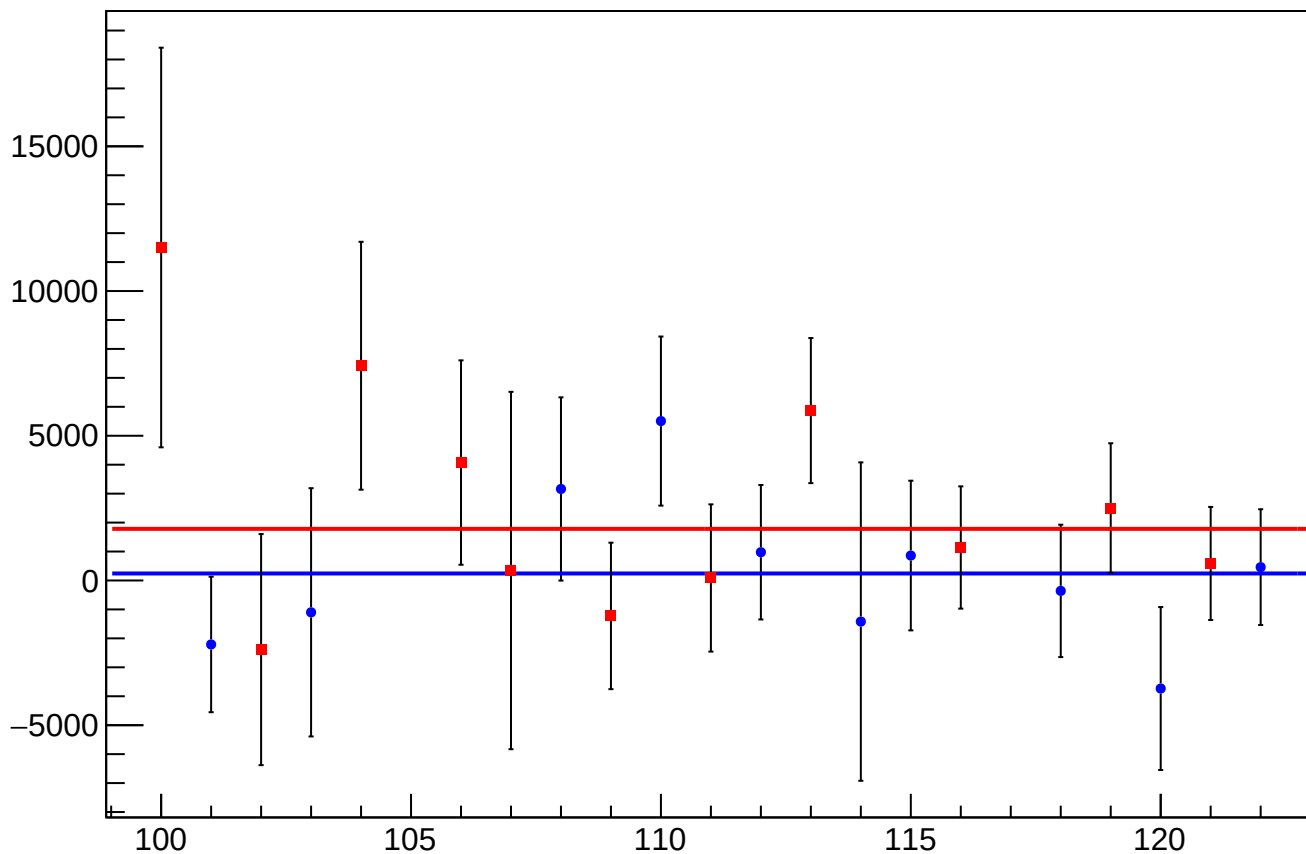
Right: 2002.836+/-0.499 χ^2/NDF : 823342.3/20

In: 1982.847+/-0.721 χ^2/NDF : 621175.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2002.836+/-0.499 χ^2/NDF : 823342.3/20

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 242.049+/-848.437 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1783.200+/-844.953 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

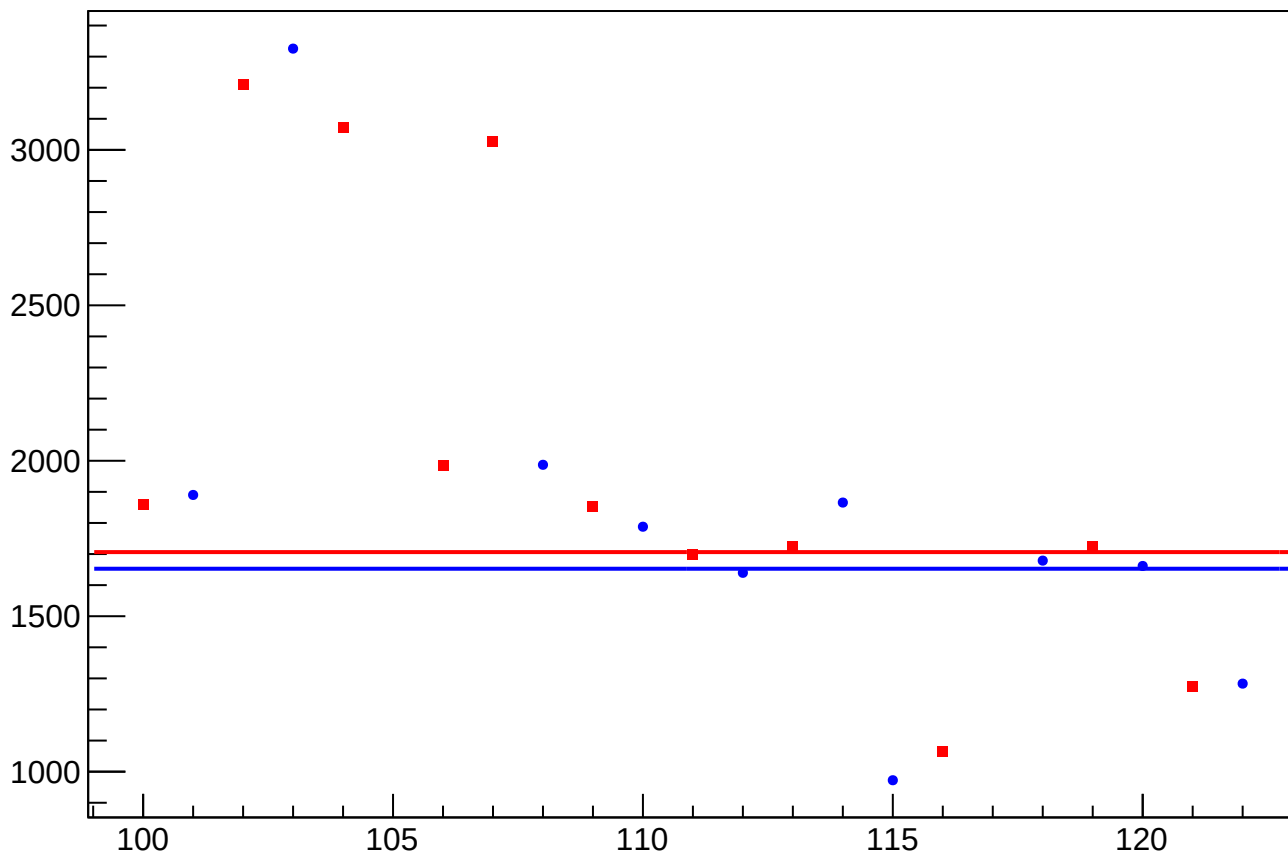
Right: 1015.795+/-598.700 χ^2/NDF : 19.6/20

In: 242.049+/-848.437 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1015.795+/-598.700 χ^2/NDF : 19.6/20

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1652.746+/-0.600 χ^2/NDF : 561538.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1706.265+/-0.597 χ^2/NDF : 881108.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

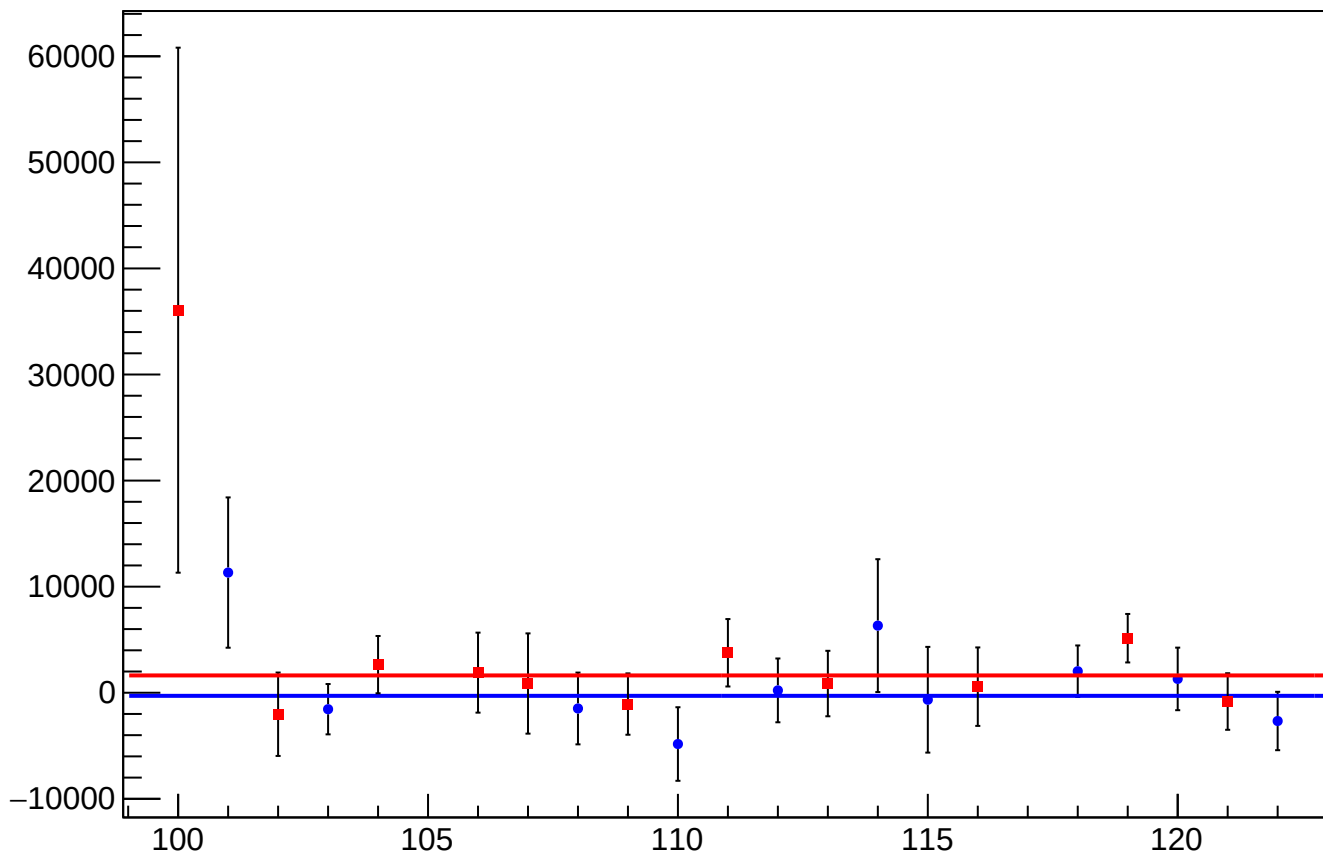
Right: 1679.616+/-0.423 χ^2/NDF : 1446641.8/20

In: 1652.746+/-0.600 χ^2/NDF : 561538.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.616+/-0.423 χ^2/NDF : 1446641.8/20

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -291.755+/-1020.073 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1631.716+/-977.142 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

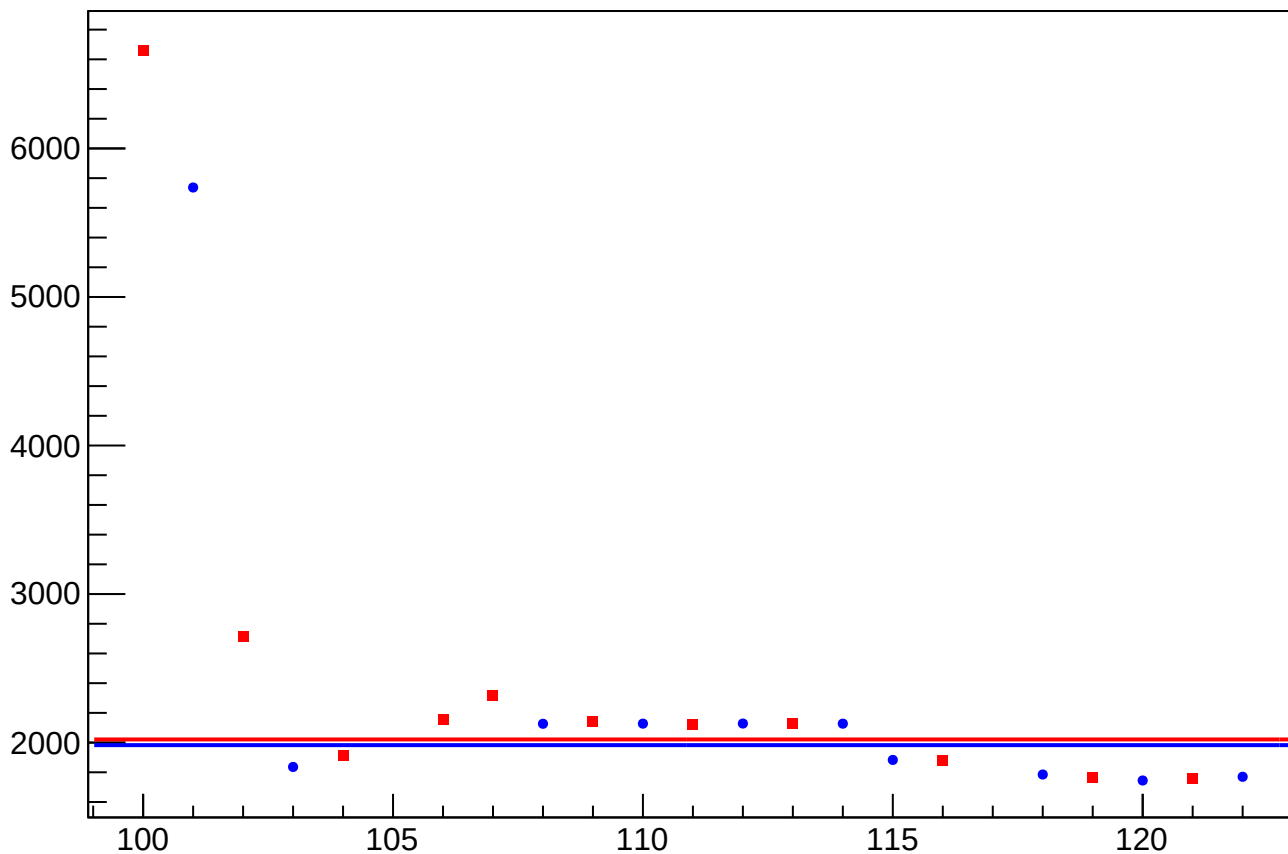
Right: 711.308+/-705.633 χ^2/NDF : 17.4/20

In: -291.755+/-1020.073 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.308+/-705.633 χ^2/NDF : 17.4/20

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1982.846+/-0.721 χ^2/NDF : 621175.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2021.179+/-0.691 χ^2/NDF : 200694.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

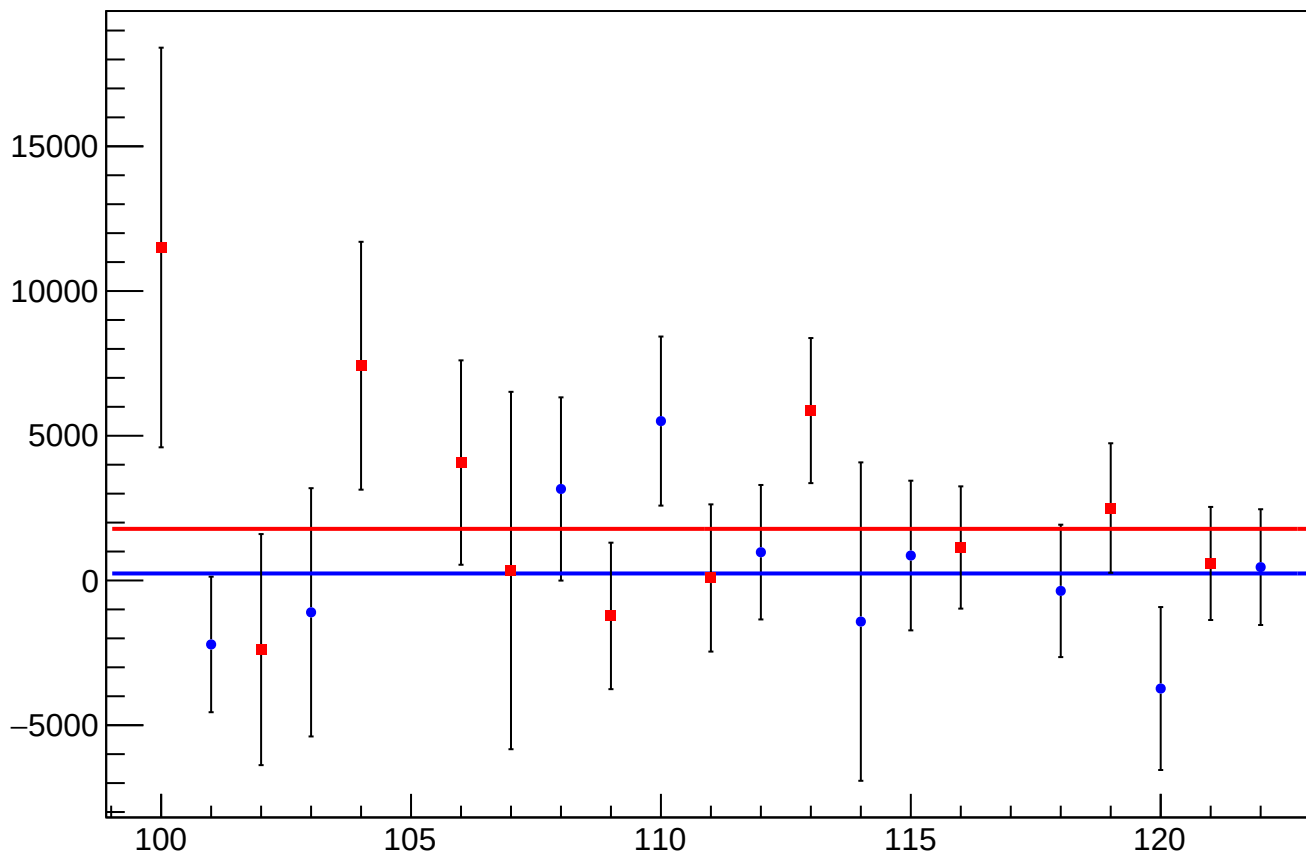
Right: 2002.836+/-0.499 χ^2/NDF : 823342.3/20

In: 1982.846+/-0.721 χ^2/NDF : 621175.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2002.836+/-0.499 χ^2/NDF : 823342.3/20

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 242.050+/-848.435 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1783.195+/-844.951 χ^2/NDF : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

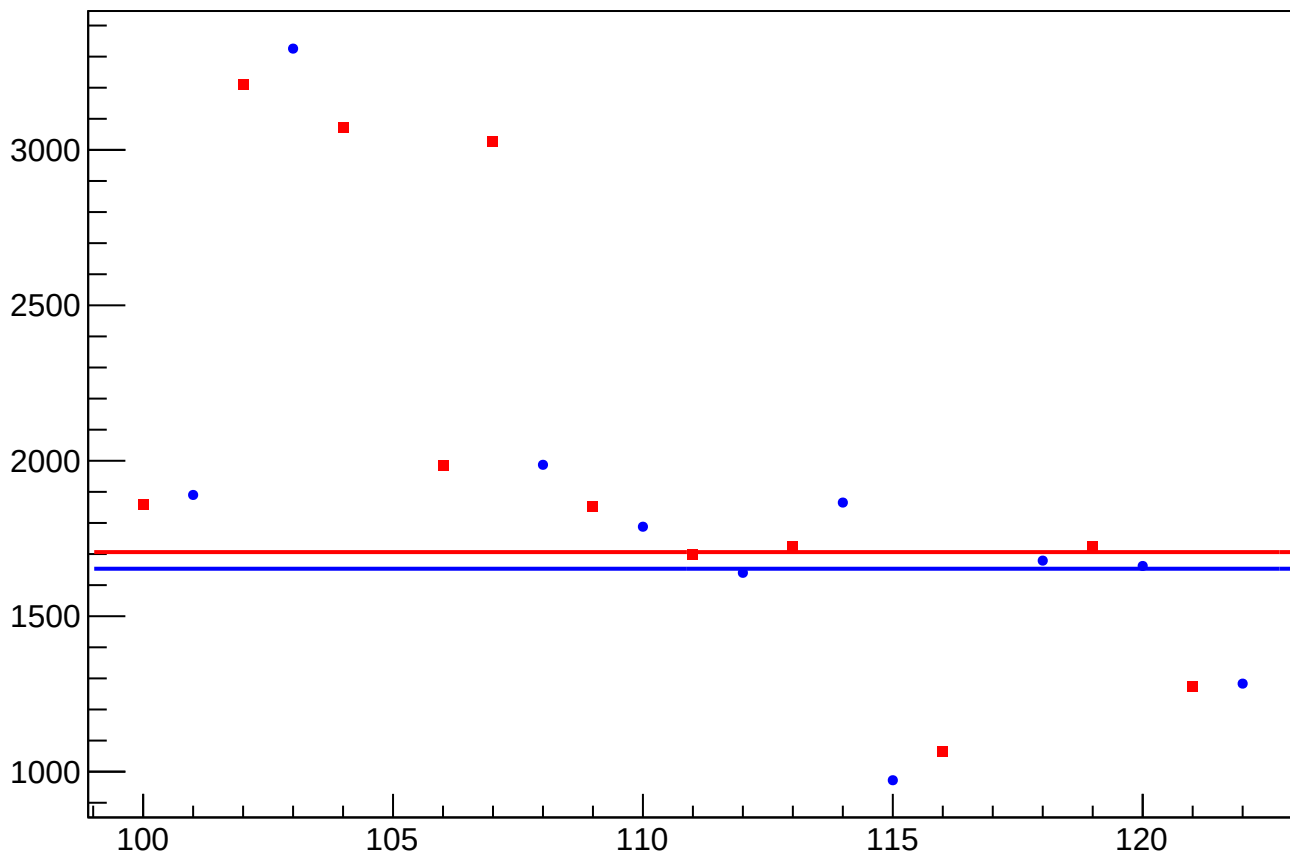
Right: 1015.793+/-598.699 χ^2/NDF : 19.6/20

In: 242.050+/-848.435 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1015.793+/-598.699 χ^2/NDF : 19.6/20

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1652.742+/-0.600 χ^2/NDF : 561541.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1706.262+/-0.597 χ^2/NDF : 881114.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

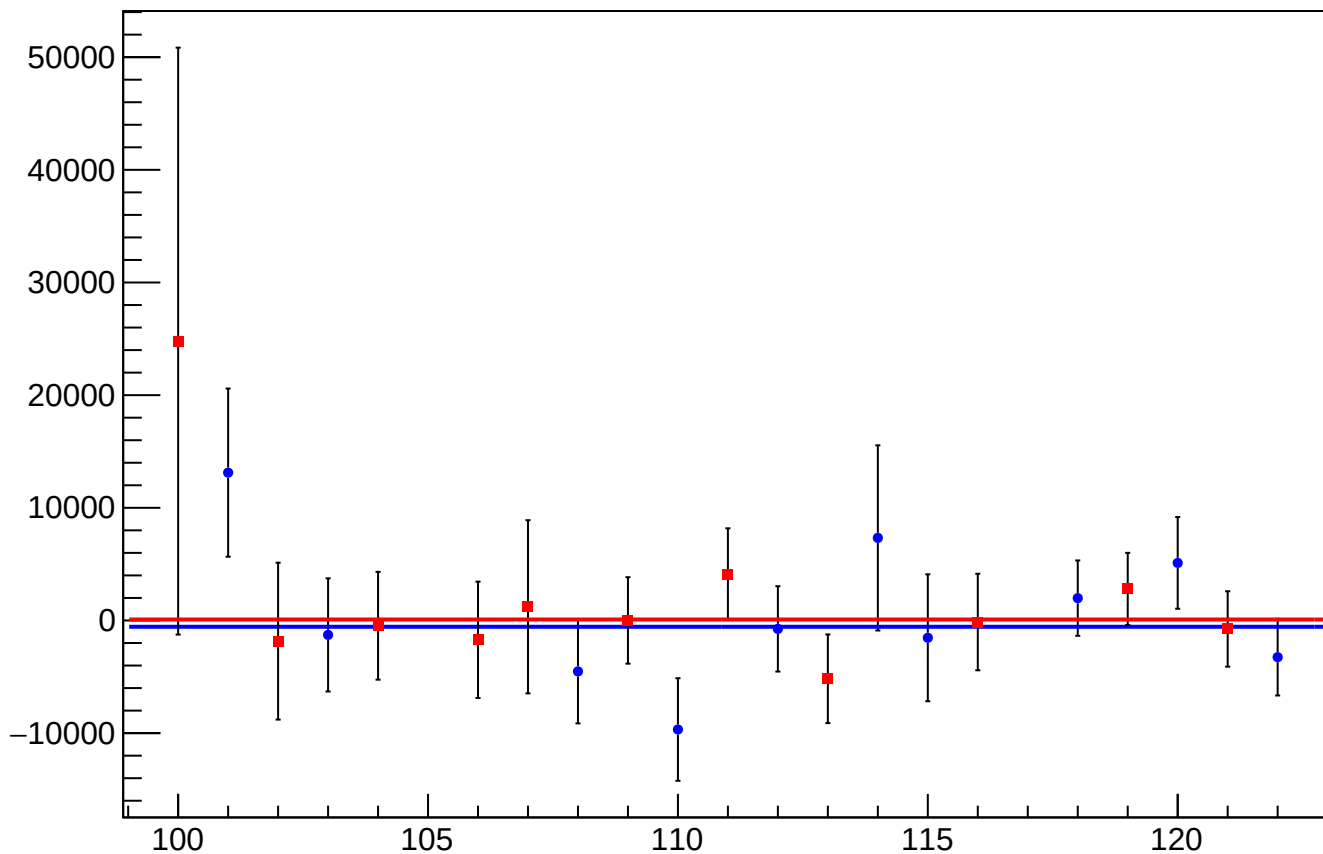
Right: 1679.612+/-0.423 χ^2/NDF : 1446651.4/20

In: 1652.742+/-0.600 χ^2/NDF : 561541.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.612+/-0.423 χ^2/NDF : 1446651.4/20

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -558.430+/-1407.185 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.540+/-1342.874 χ^2/NDF : 4.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

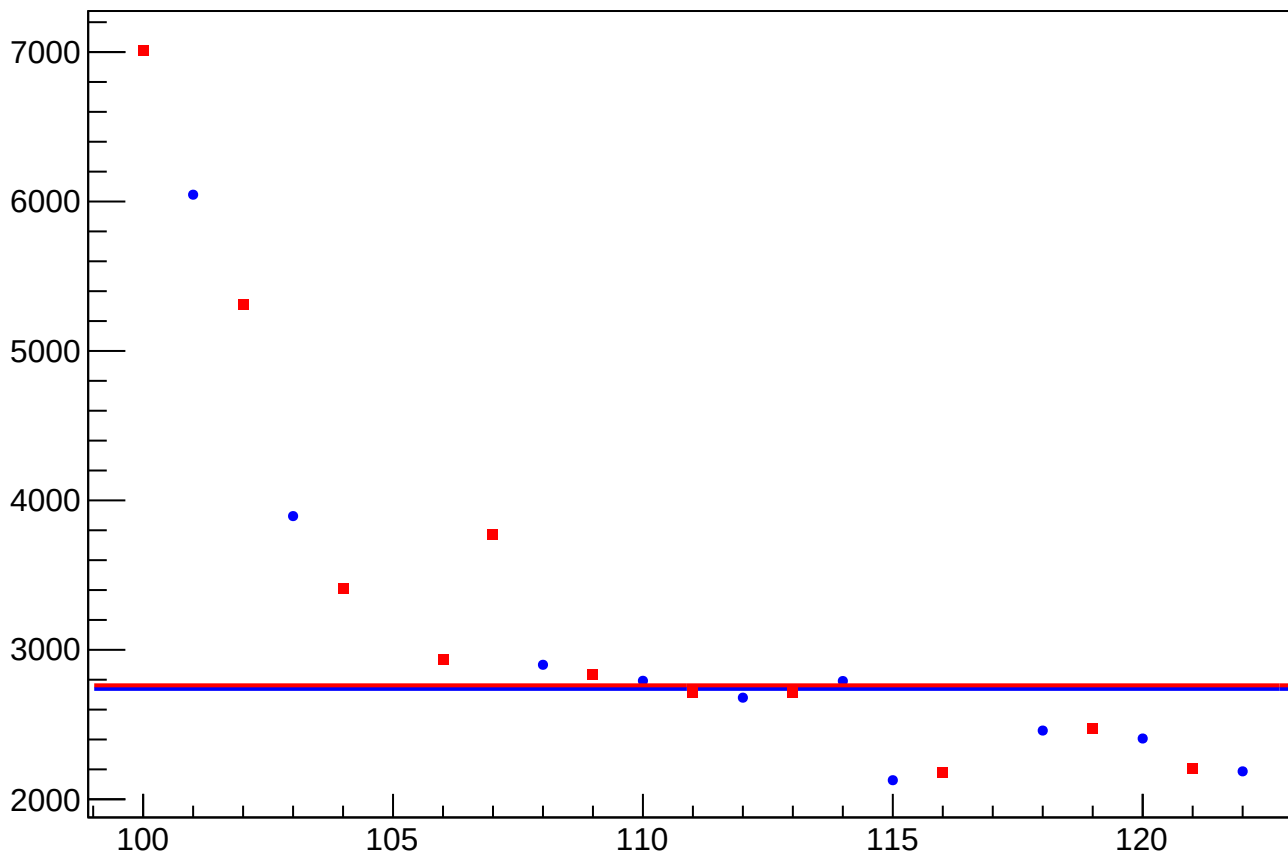
Right: -220.347+/-971.496 χ^2/NDF : 17.0/20

In: -558.430+/-1407.185 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.347+/-971.496 χ^2/NDF : 17.0/20

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2738.787+/-0.995 χ^2/NDF : 605291.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2762.397+/-0.950 χ^2/NDF : 504548.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

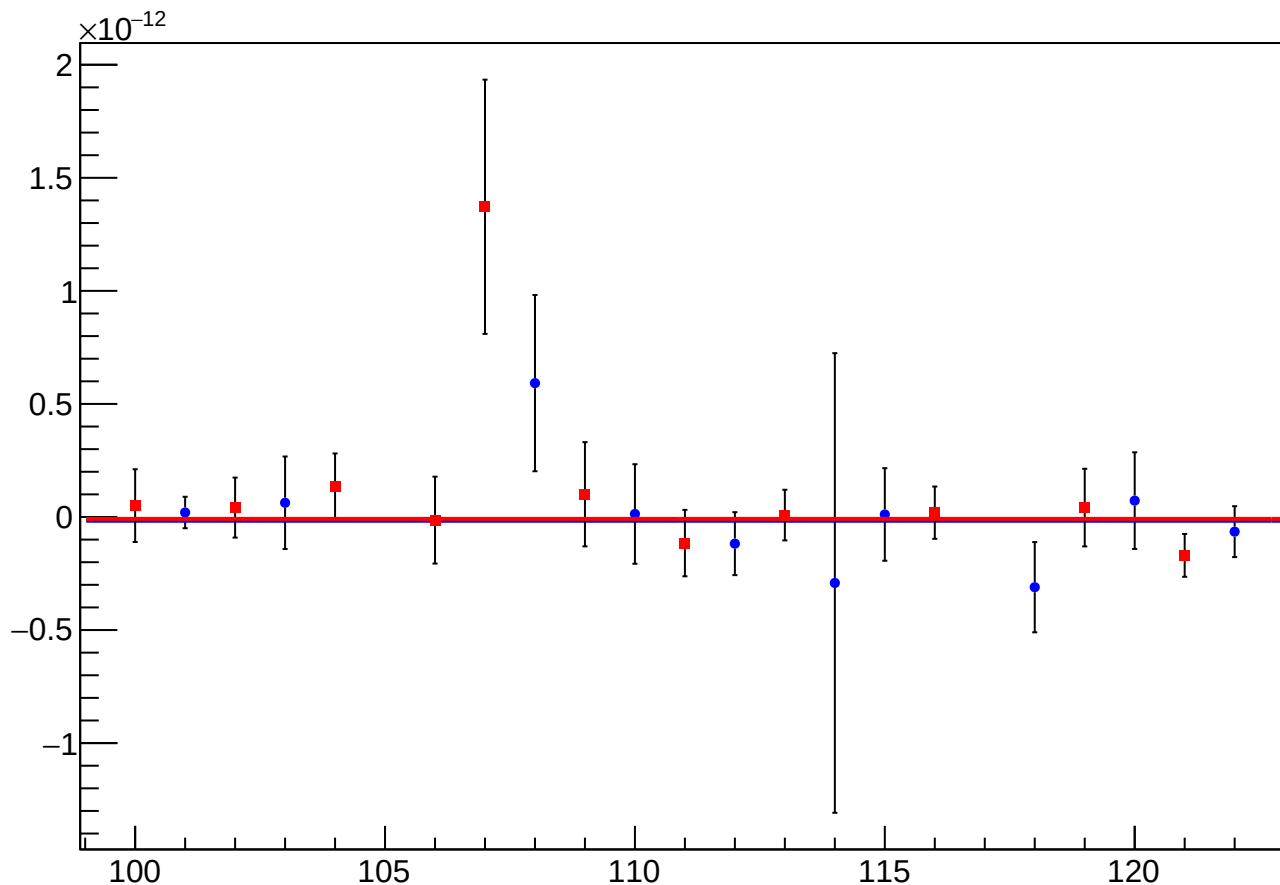
Right: 2751.144+/-0.687 χ^2/NDF : 1110134.8/20

In: 2738.787+/-0.995 χ^2/NDF :605291.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2751.144+/-0.687 χ^2/NDF : 1110134.8/20

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.0/9

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

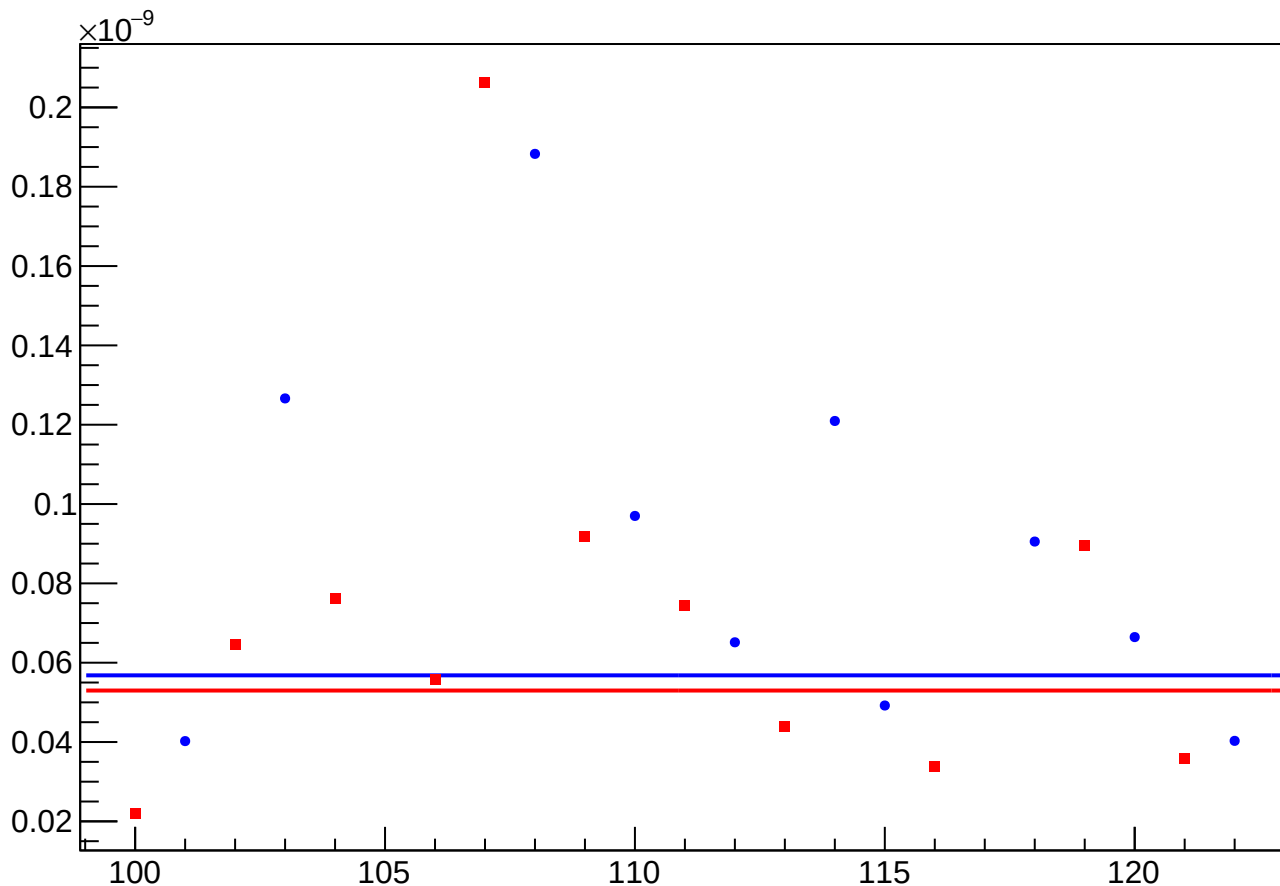
Right: -0.000+/-0.000 χ^2 /NDF: 17.1/20

In: -0.000+/-0.000 χ^2 /NDF:6.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.1/20

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 763186.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 610964.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

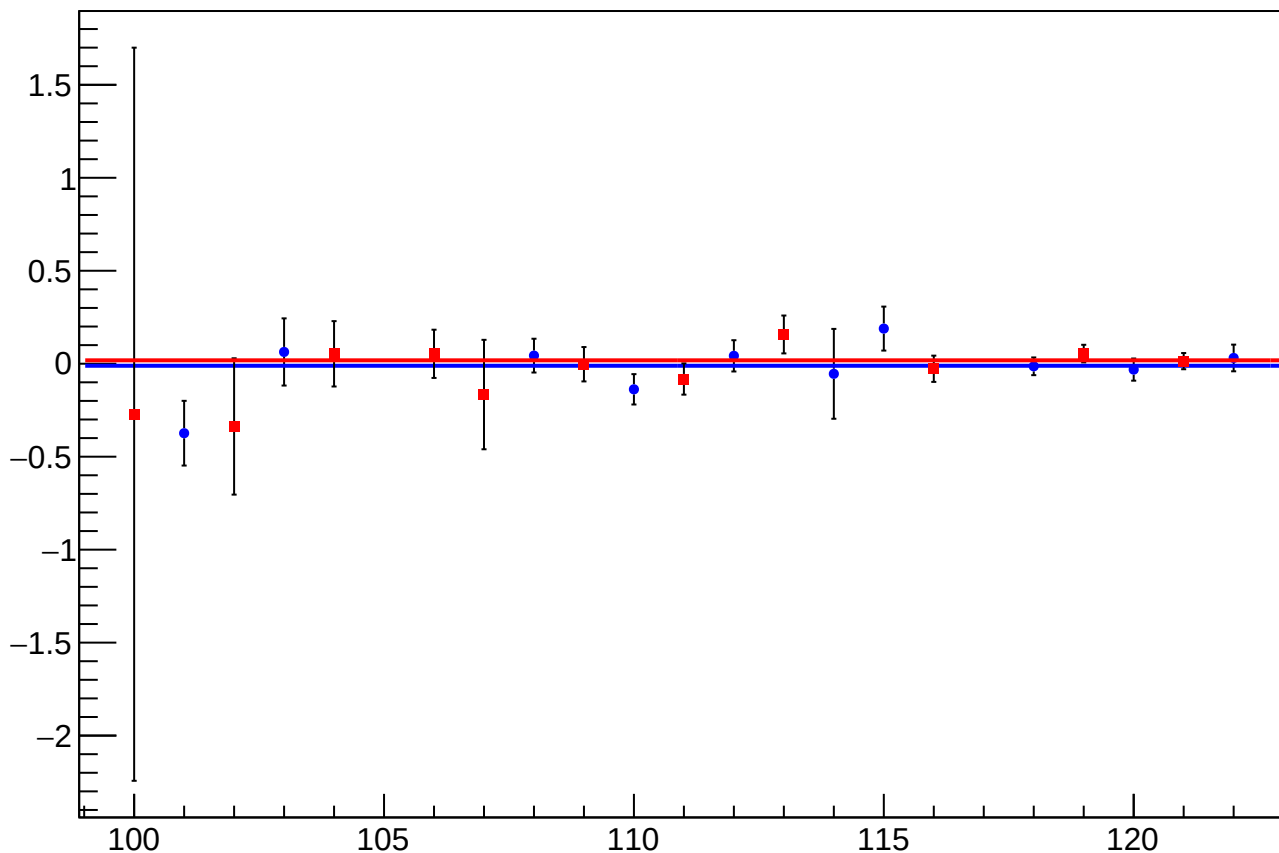
Right: 0.000+/-0.000 χ^2/NDF : 1381413.9/20

In: 0.000+/-0.000 χ^2/NDF : 763186.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1381413.9/20

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: 0.018 $\pm$ 0.025 χ^2 /NDF: 5.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

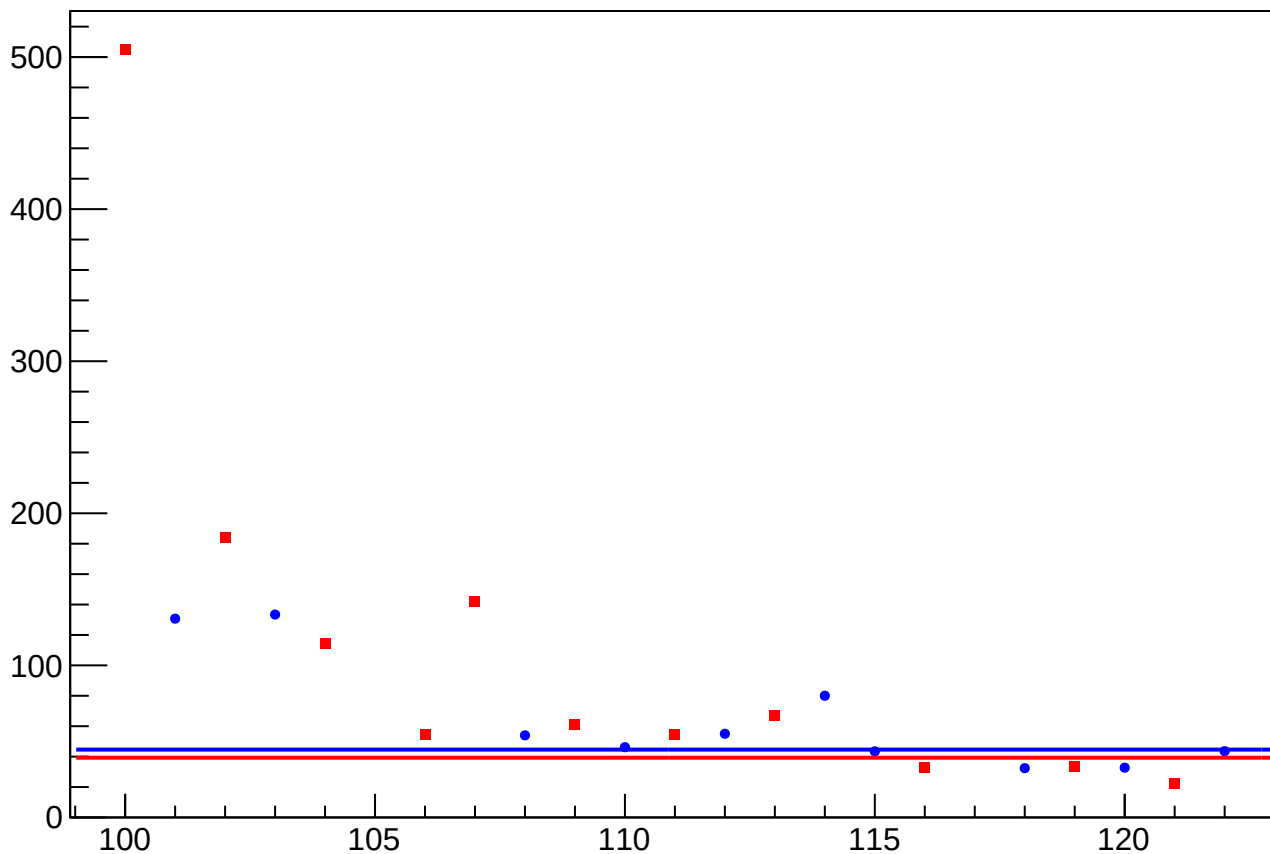
Right: 0.004 $\pm$ 0.018 χ^2 /NDF: 17.5/20

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: 0.004 $\pm$ 0.018 χ^2 /NDF: 17.5/20

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.617+/-0.018 χ^2/NDF : 1280718.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.292+/-0.017 χ^2/NDF : 1750922.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

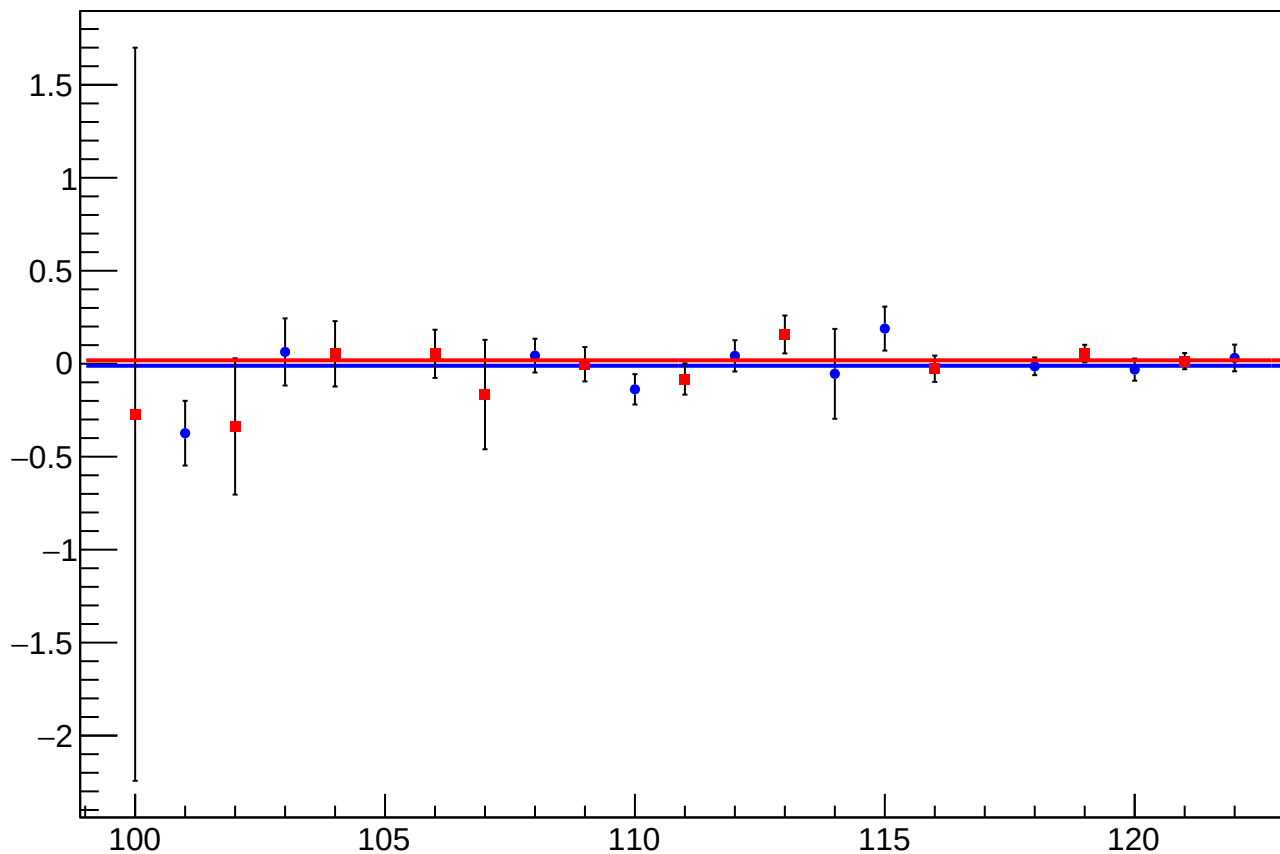
Right: 41.819+/-0.013 χ^2/NDF : 3075798.8/20

In: 44.617+/-0.018 χ^2/NDF : 1280718.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.819+/-0.013 χ^2/NDF : 3075798.8/20

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_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: 0.018+/-0.025 χ^2/NDF : 5.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

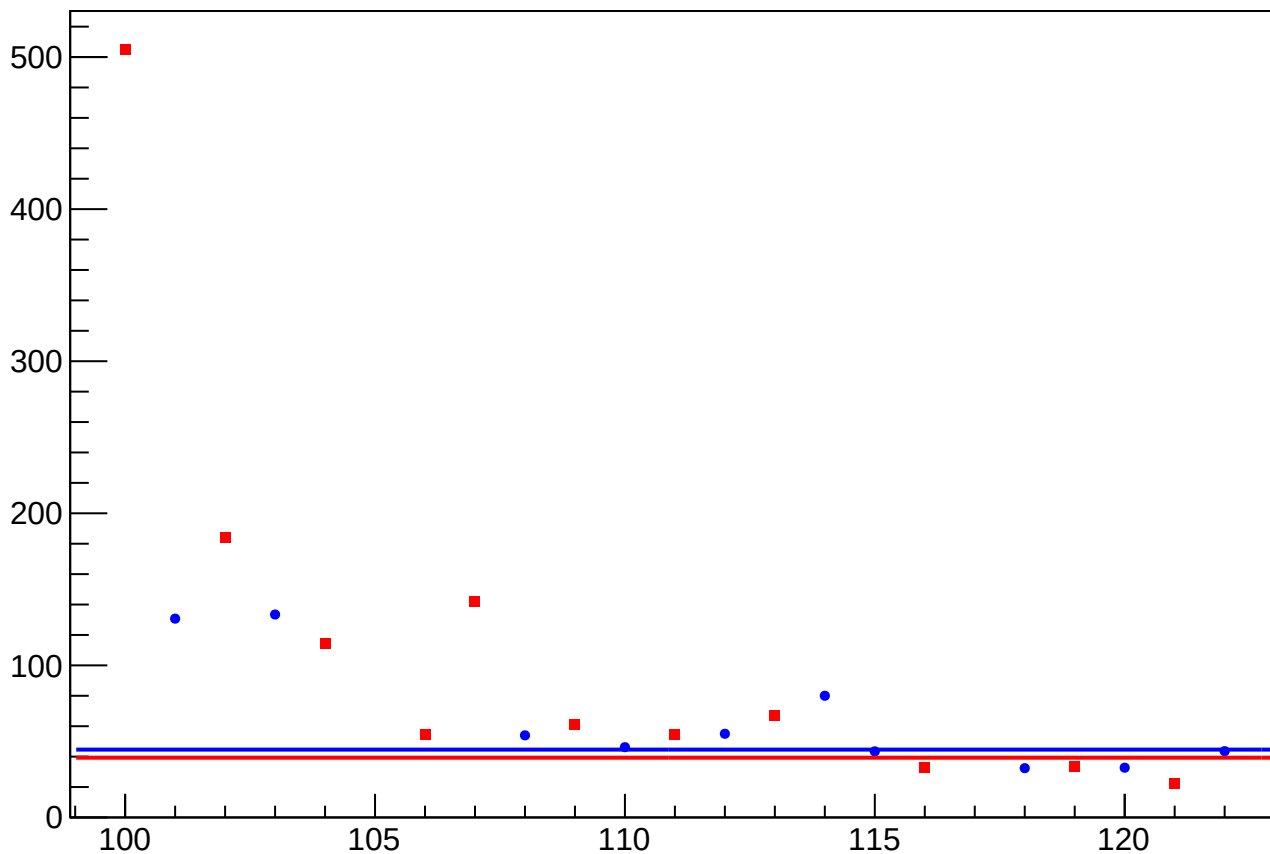
Right: 0.004+/-0.018 χ^2/NDF : 17.5/20

In: -0.011+/-0.026 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.018 χ^2/NDF : 17.5/20

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.617+/-0.018 χ^2/NDF : 1280718.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.292+/-0.017 χ^2/NDF : 1750922.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

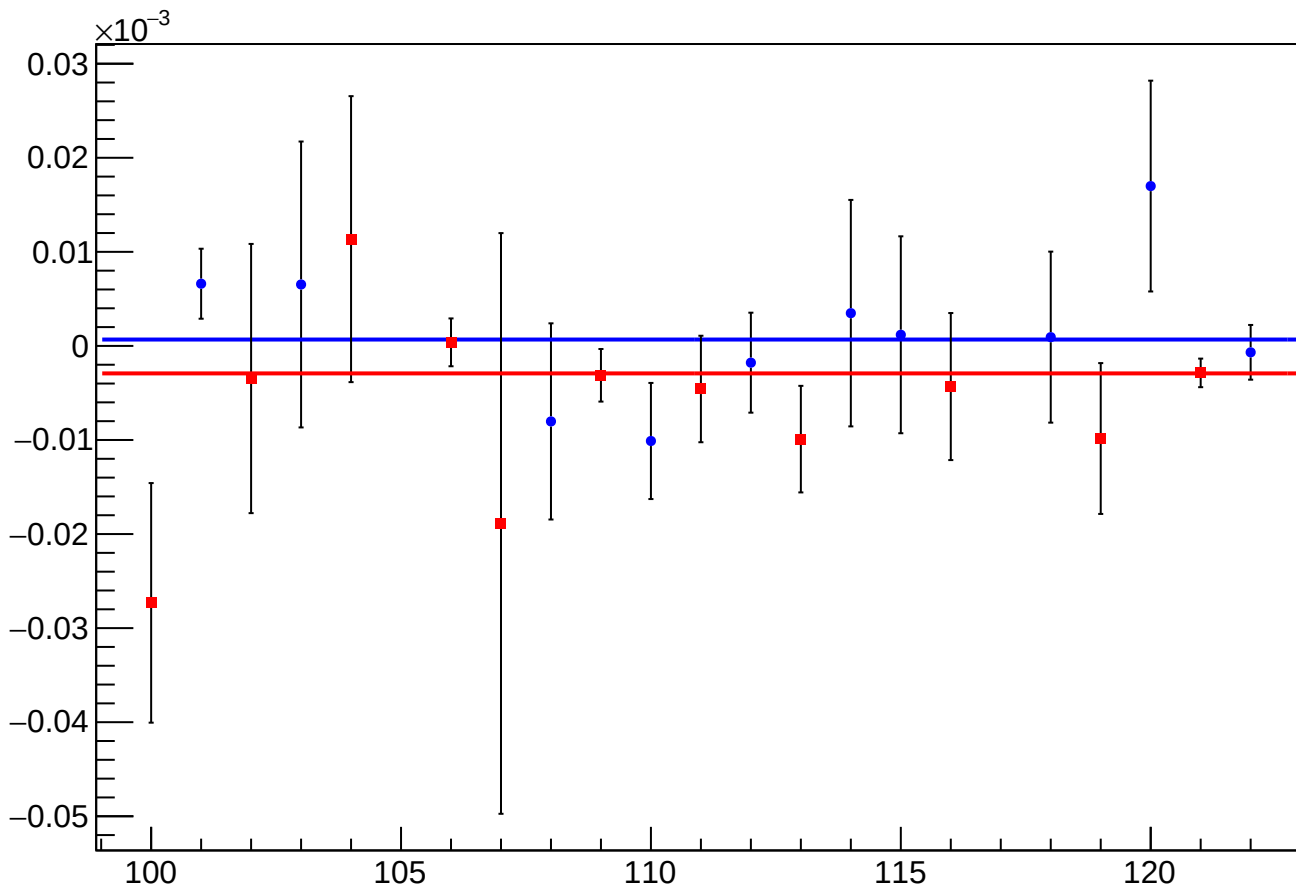
Right: 41.819+/-0.013 χ^2/NDF : 3075798.8/20

In: 44.617+/-0.018 χ^2/NDF : 1280718.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.819+/-0.013 χ^2/NDF : 3075798.8/20

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

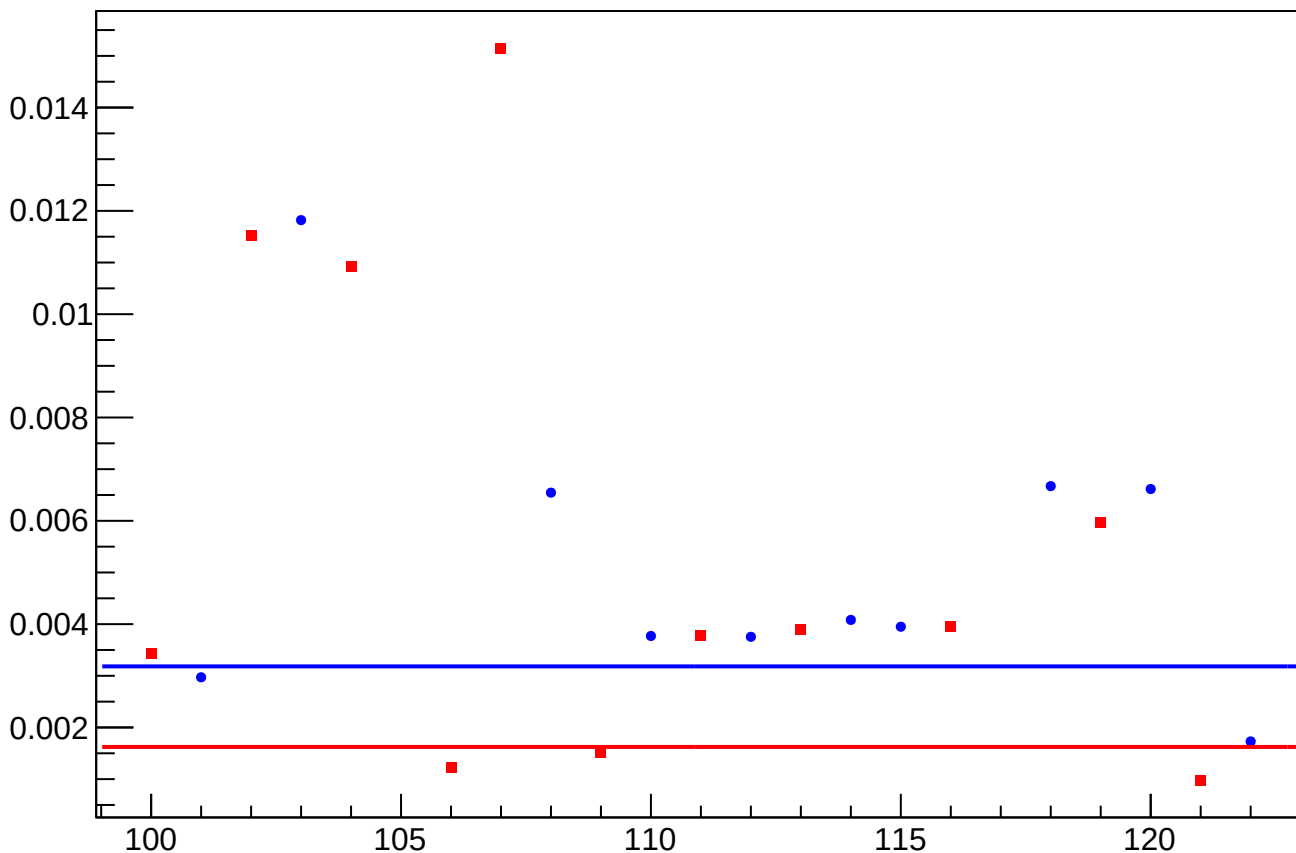
Right: -0.000+/-0.000 χ^2/NDF : 20.8/20

In: 0.000+/-0.000 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.8/20

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 : 1905004.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3929001.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

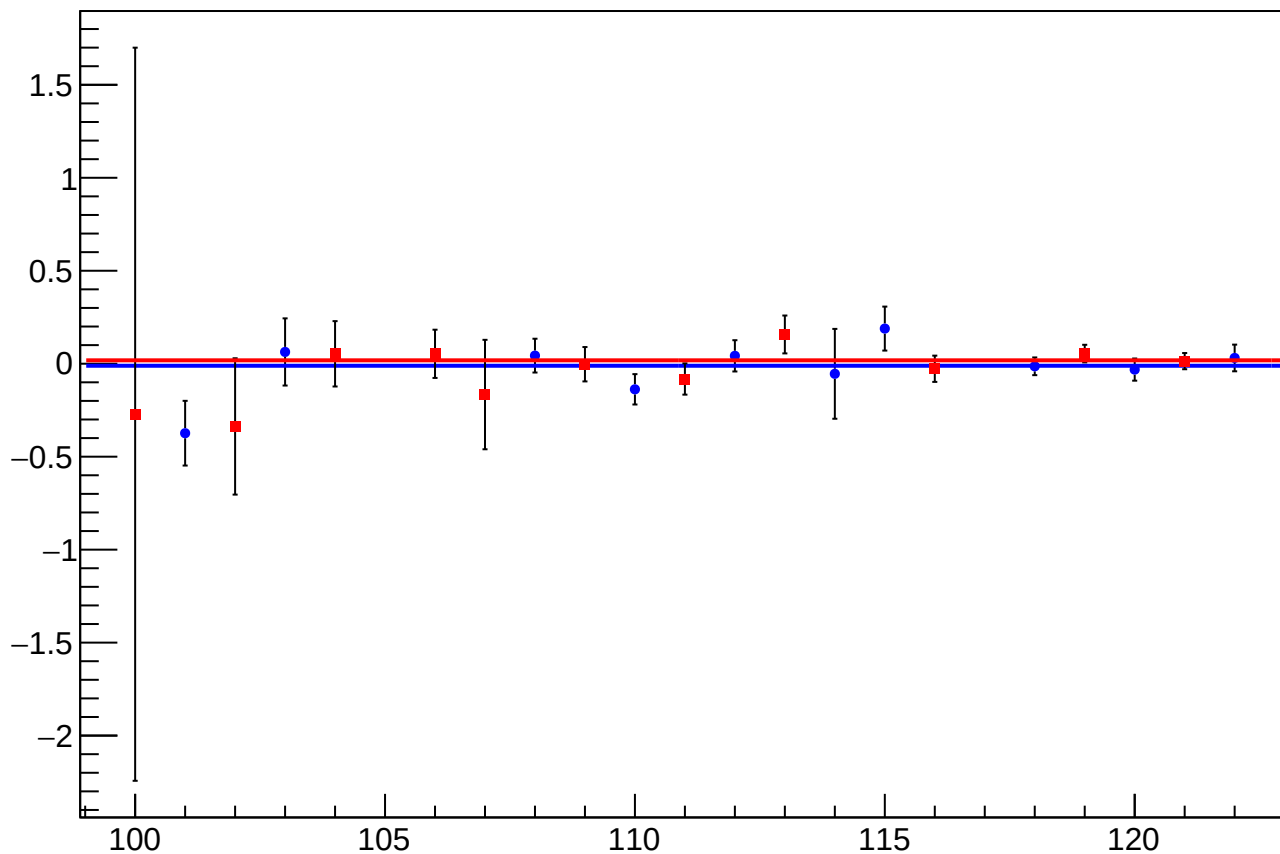
Right: 0.002+/-0.000 χ^2/NDF : 6909132.7/20

In: 0.003+/-0.000 χ^2/NDF :1905004.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6909132.7/20

asym_us_dd_at1lr_dd_dd_eigen_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: 0.018 $\pm$ 0.025 χ^2 /NDF: 5.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

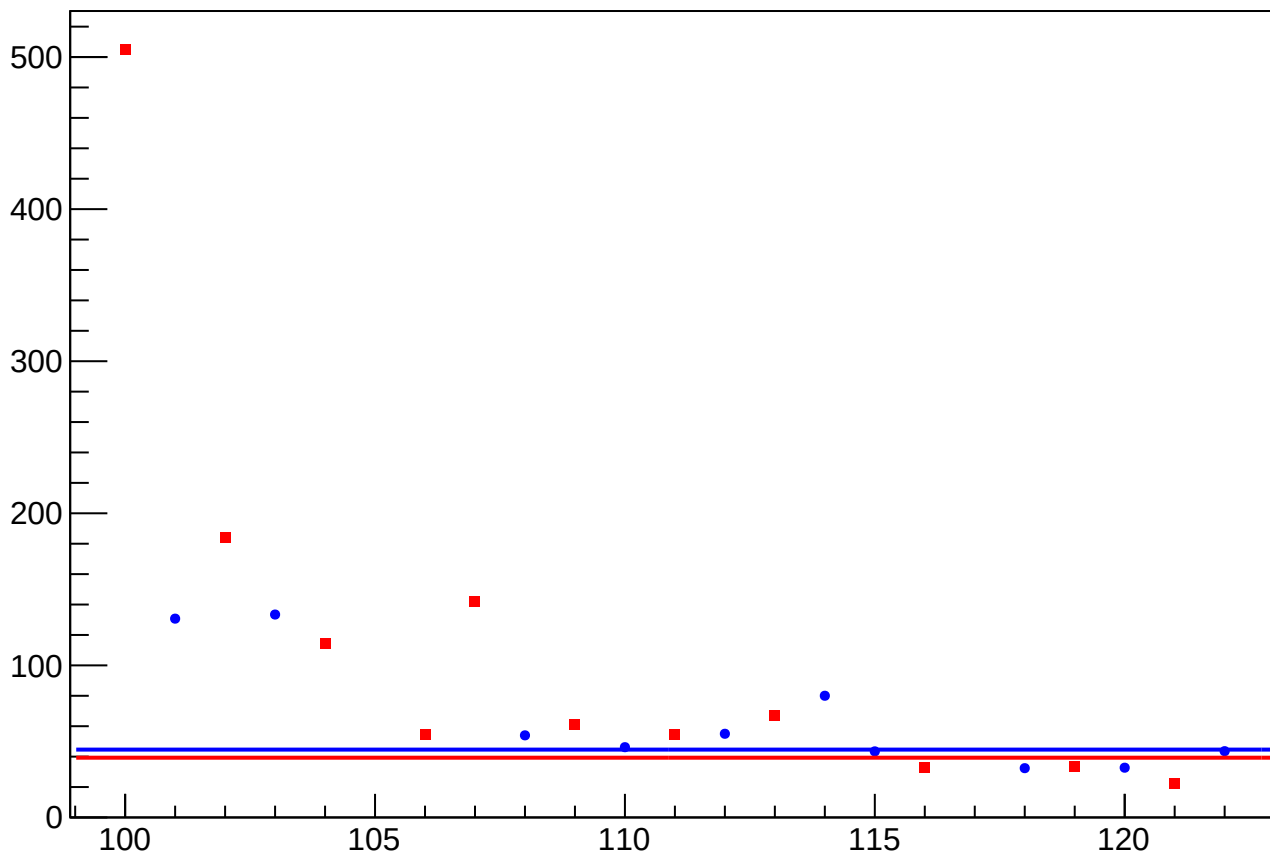
Right: 0.004 $\pm$ 0.018 χ^2 /NDF: 17.5/20

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: 0.004 $\pm$ 0.018 χ^2 /NDF: 17.5/20

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.617+/-0.018 χ^2/NDF : 1280618.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.292+/-0.017 χ^2/NDF : 1750843.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

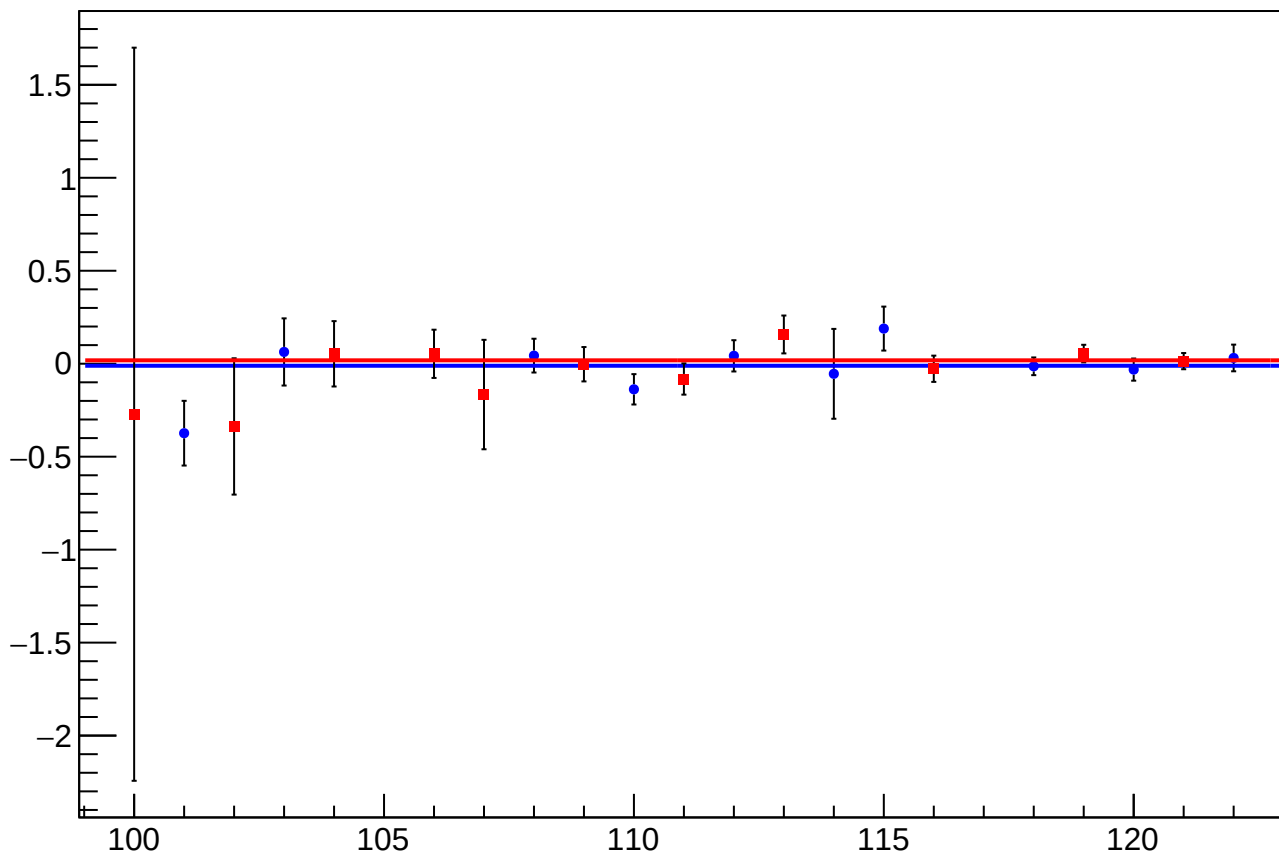
Right: 41.819+/-0.013 χ^2/NDF : 3075630.5/20

In: 44.617+/-0.018 χ^2/NDF : 1280618.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.819+/-0.013 χ^2/NDF : 3075630.5/20

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: 0.018 $\pm$ 0.025 χ^2/NDF : 5.8/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

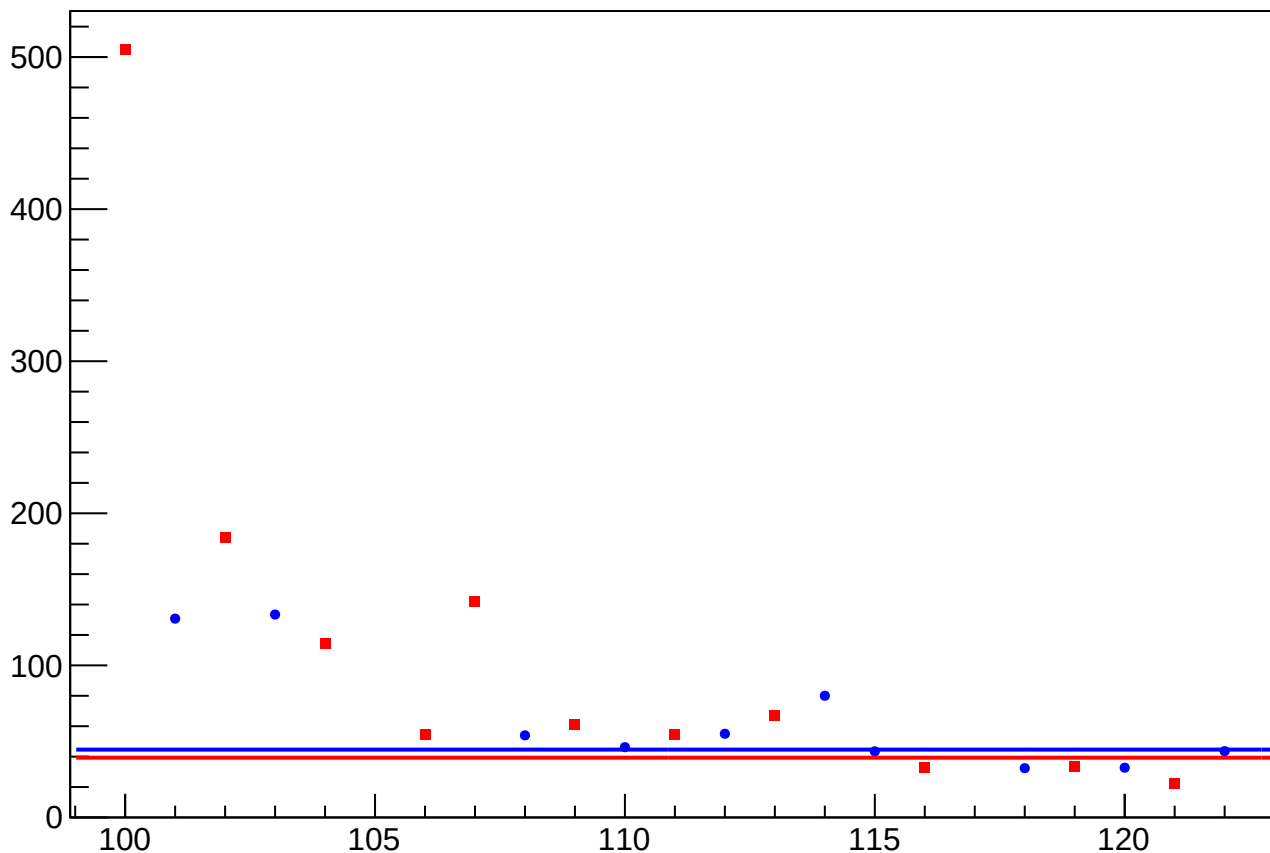
Right: 0.004 $\pm$ 0.018 χ^2/NDF : 17.5/20

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: 0.004 $\pm$ 0.018 χ^2/NDF : 17.5/20

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.617+/-0.018 χ^2/NDF : 1280618.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.292+/-0.017 χ^2/NDF : 1750843.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

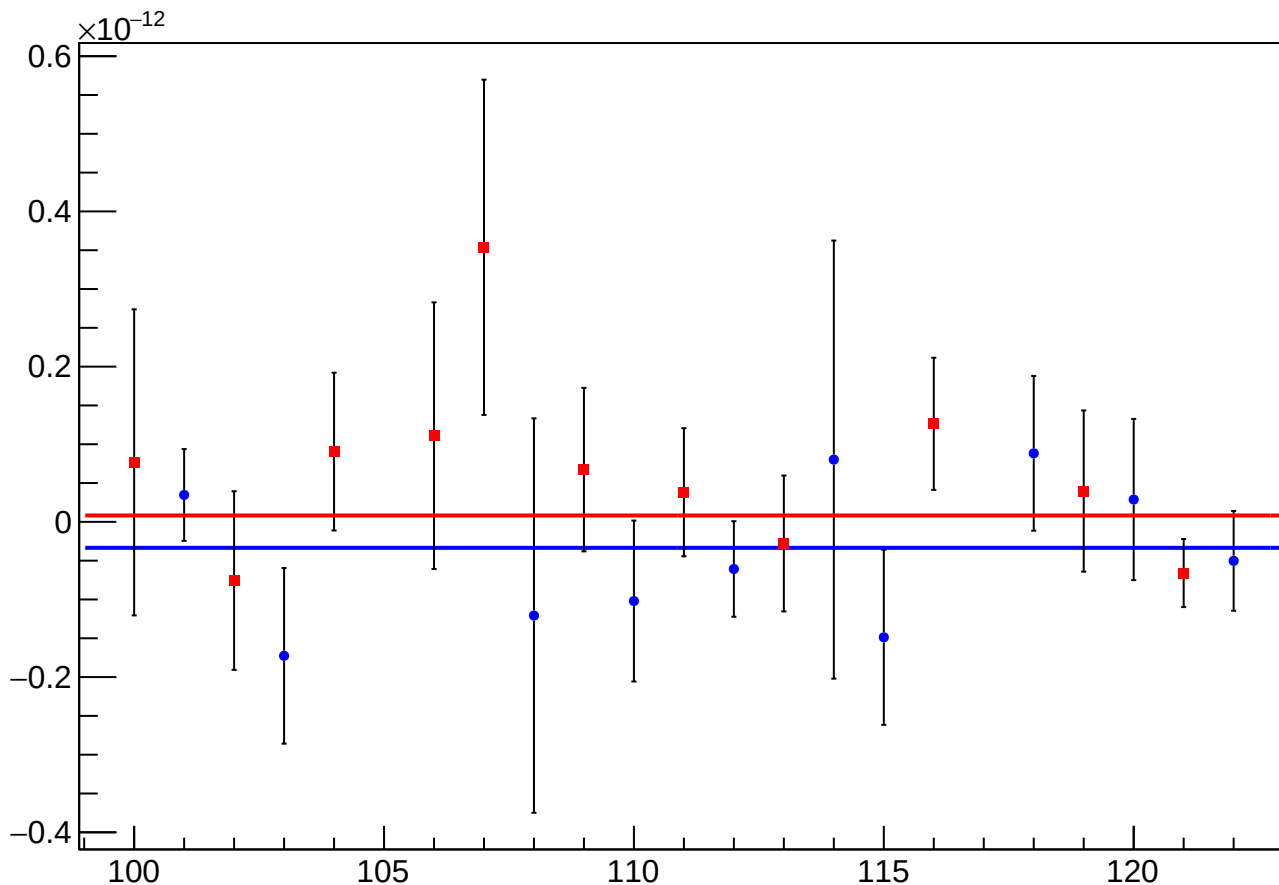
Right: 41.819+/-0.013 χ^2/NDF : 3075630.5/20

In: 44.617+/-0.018 χ^2/NDF : 1280618.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.819+/-0.013 χ^2/NDF : 3075630.5/20

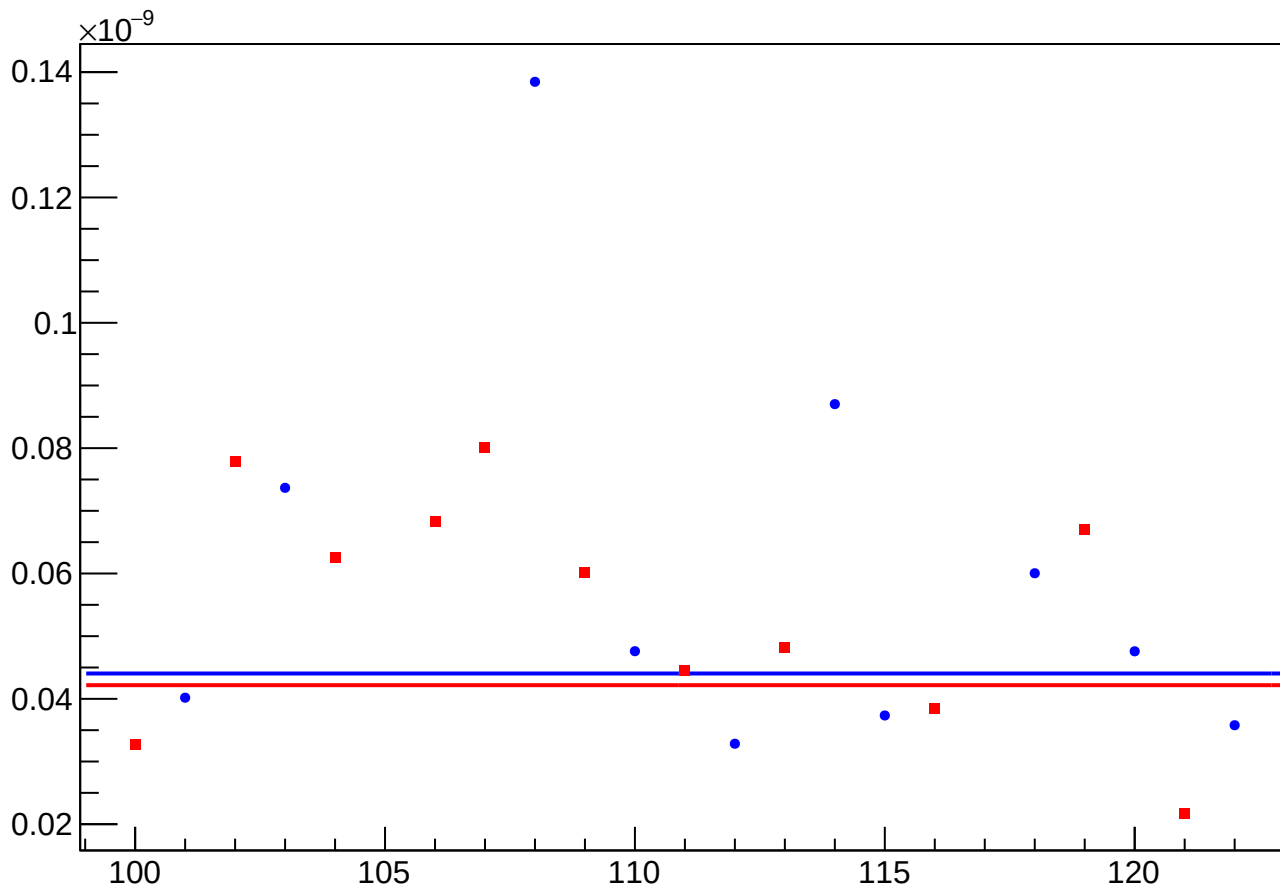
asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.7/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 9.7/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 17.6/20
 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 : 17.6/20

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 : 630495.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1007853.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

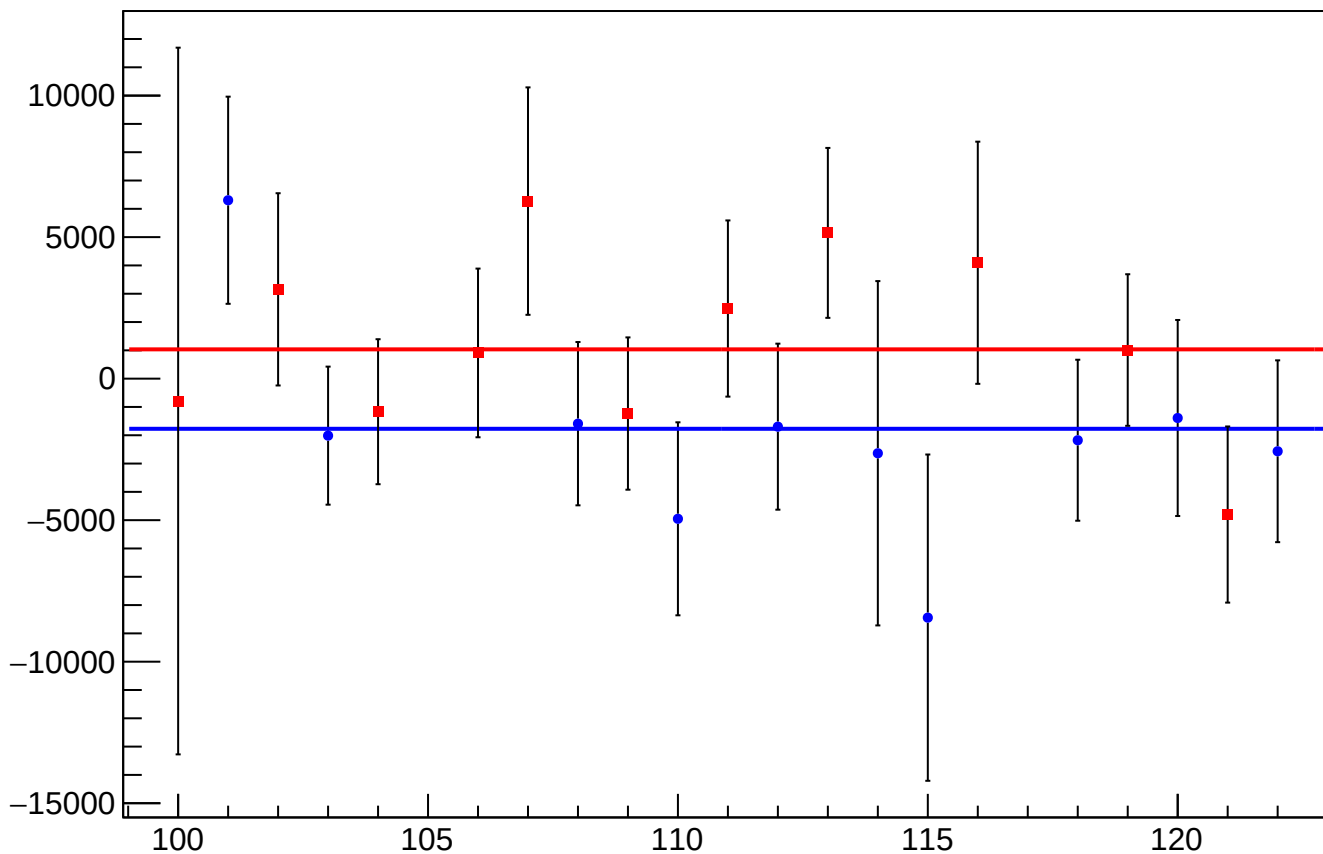
Right: 0.000+/-0.000 χ^2/NDF : 1642923.2/20

In: 0.000+/-0.000 χ^2/NDF : 630495.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1642923.2/20

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1771.764+/-1038.970 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1034.866+/-966.793 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

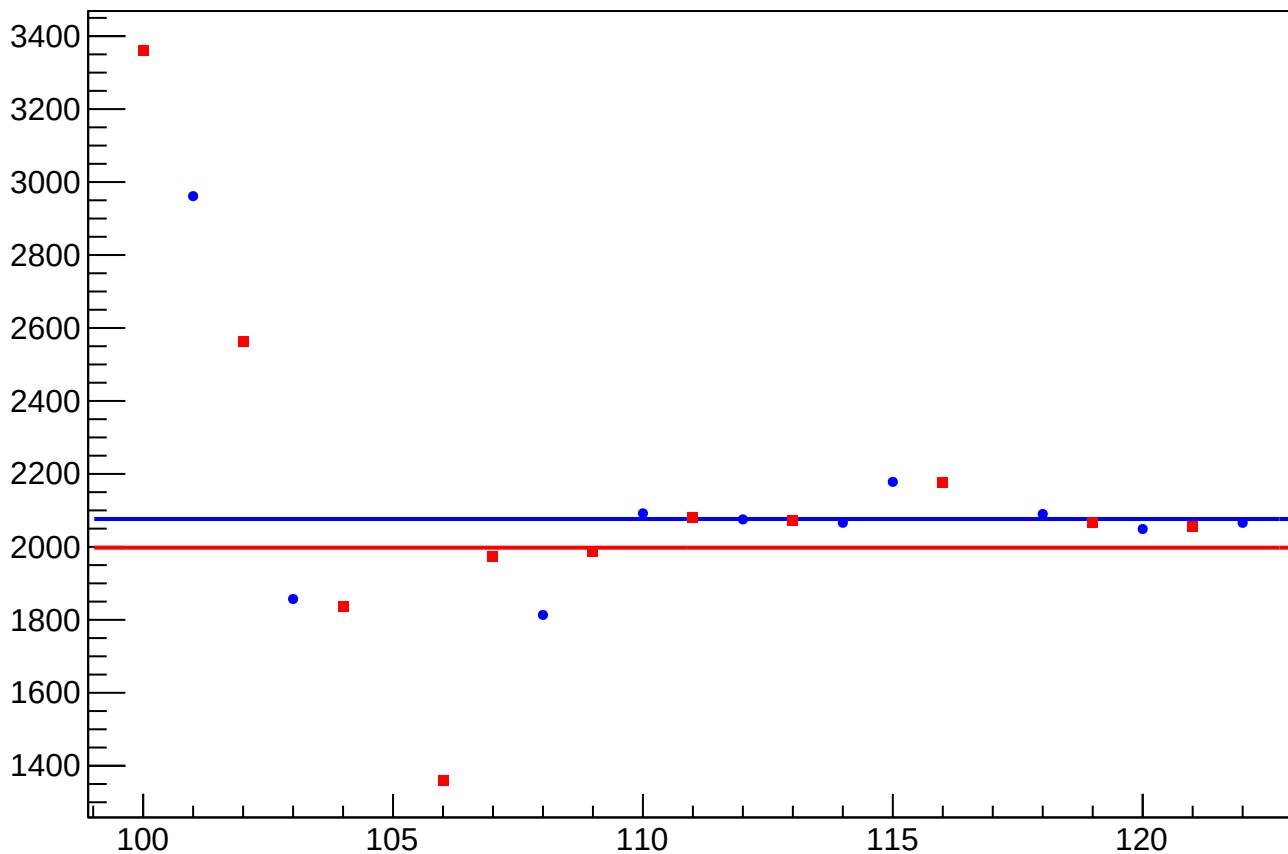
Right: -267.582+/-707.768 χ^2/NDF : 20.8/20

In: -1771.764+/-1038.970 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.582+/-707.768 χ^2/NDF : 20.8/20

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2076.422+/-0.735 χ^2/NDF : 150643.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1997.791+/-0.684 χ^2/NDF : 186534.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

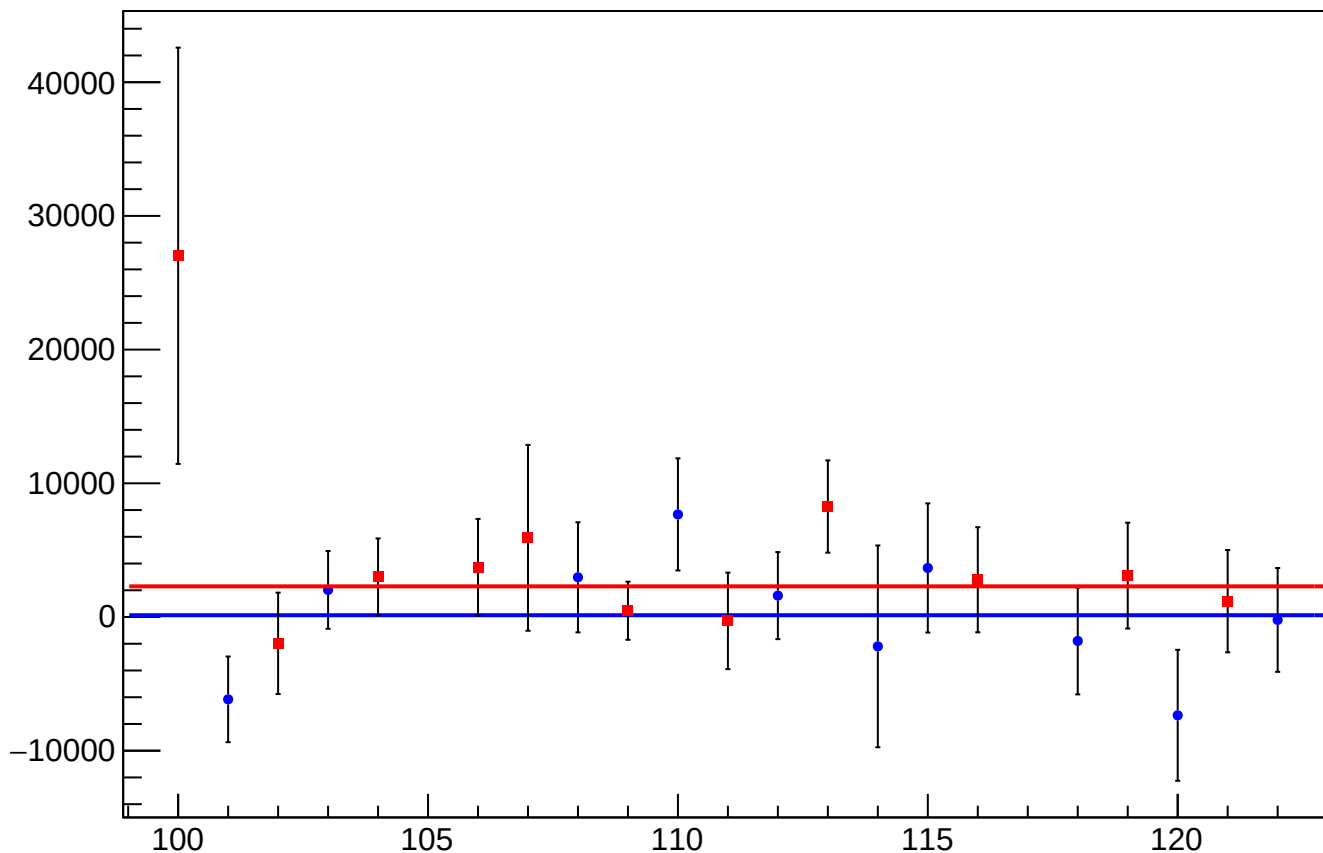
Right: 2034.280+/-0.500 χ^2/NDF : 343317.2/20

In: 2076.422+/-0.735 χ^2/NDF : 150643.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2034.280+/-0.500 χ^2/NDF : 343317.2/20

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 134.057+/-1233.731 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2293.249+/-1077.415 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

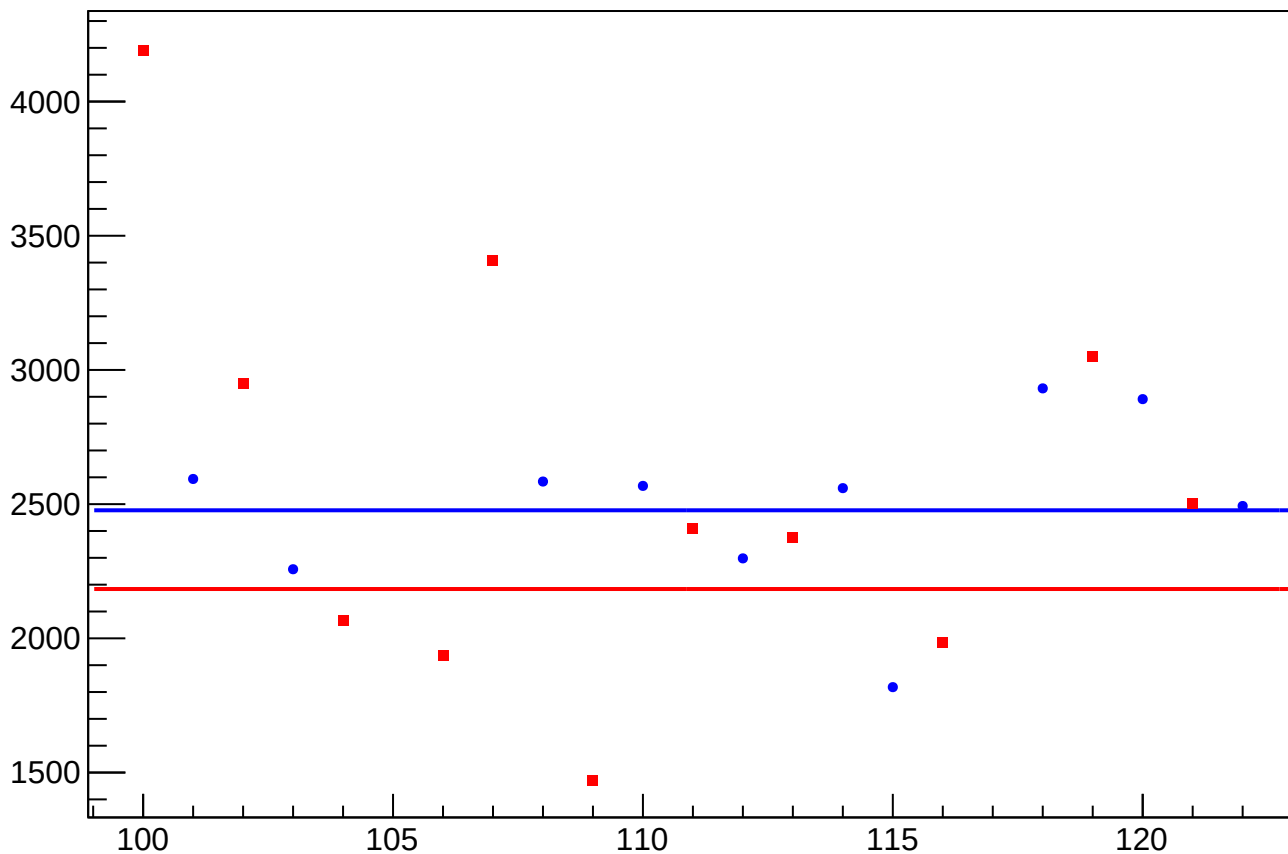
Right: 1359.027+/-811.521 χ^2/NDF : 21.8/20

In: 134.057+/-1233.731 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.027+/-811.521 χ^2/NDF : 21.8/20

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2477.090+/-0.872 χ^2/NDF : 100051.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2183.810+/-0.762 χ^2/NDF : 533967.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

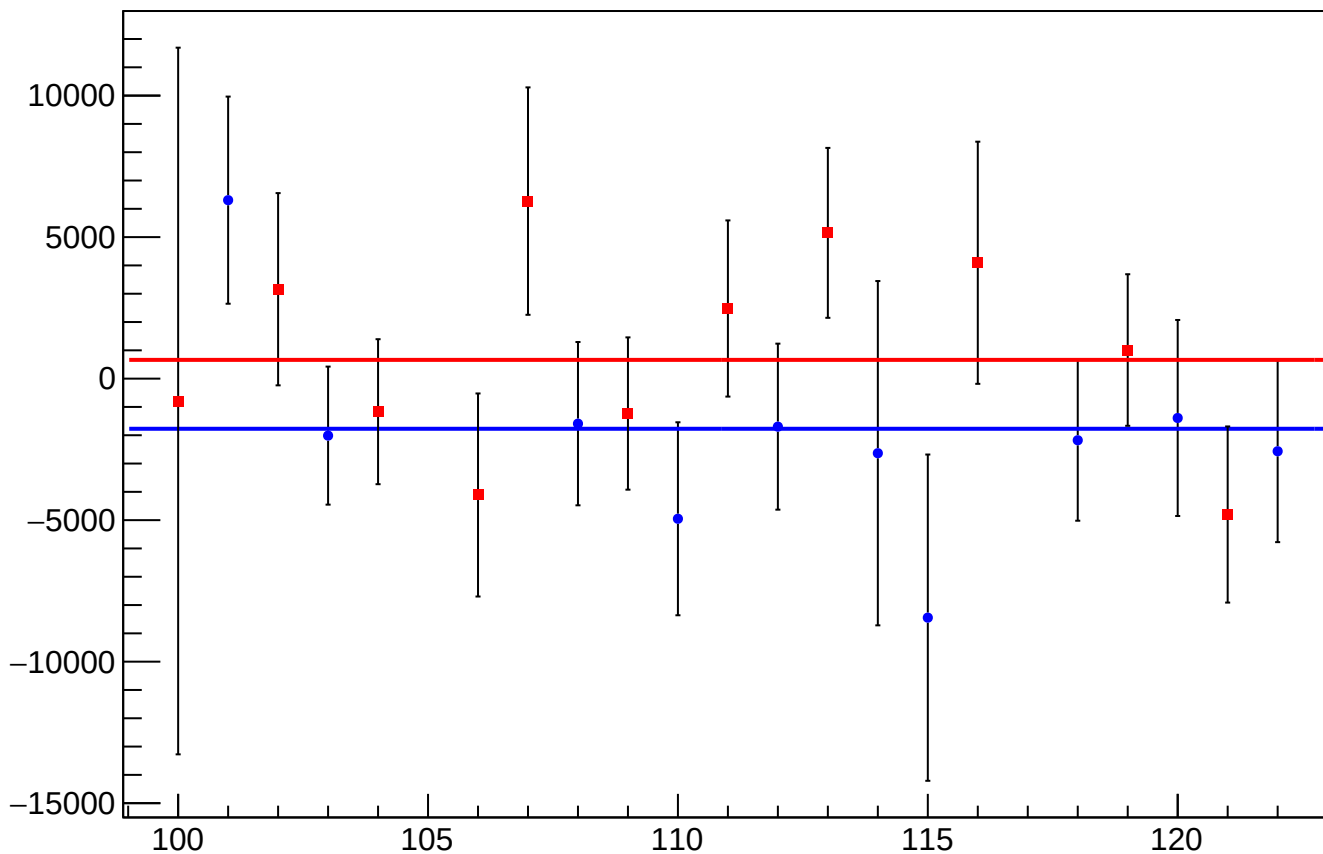
Right: 2310.704+/-0.574 χ^2/NDF : 698137.6/20

In: 2477.090+/-0.872 χ^2/NDF : 100051.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2310.704+/-0.574 χ^2/NDF : 698137.6/20

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1771.598+/-1038.971 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.663+/-982.960 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

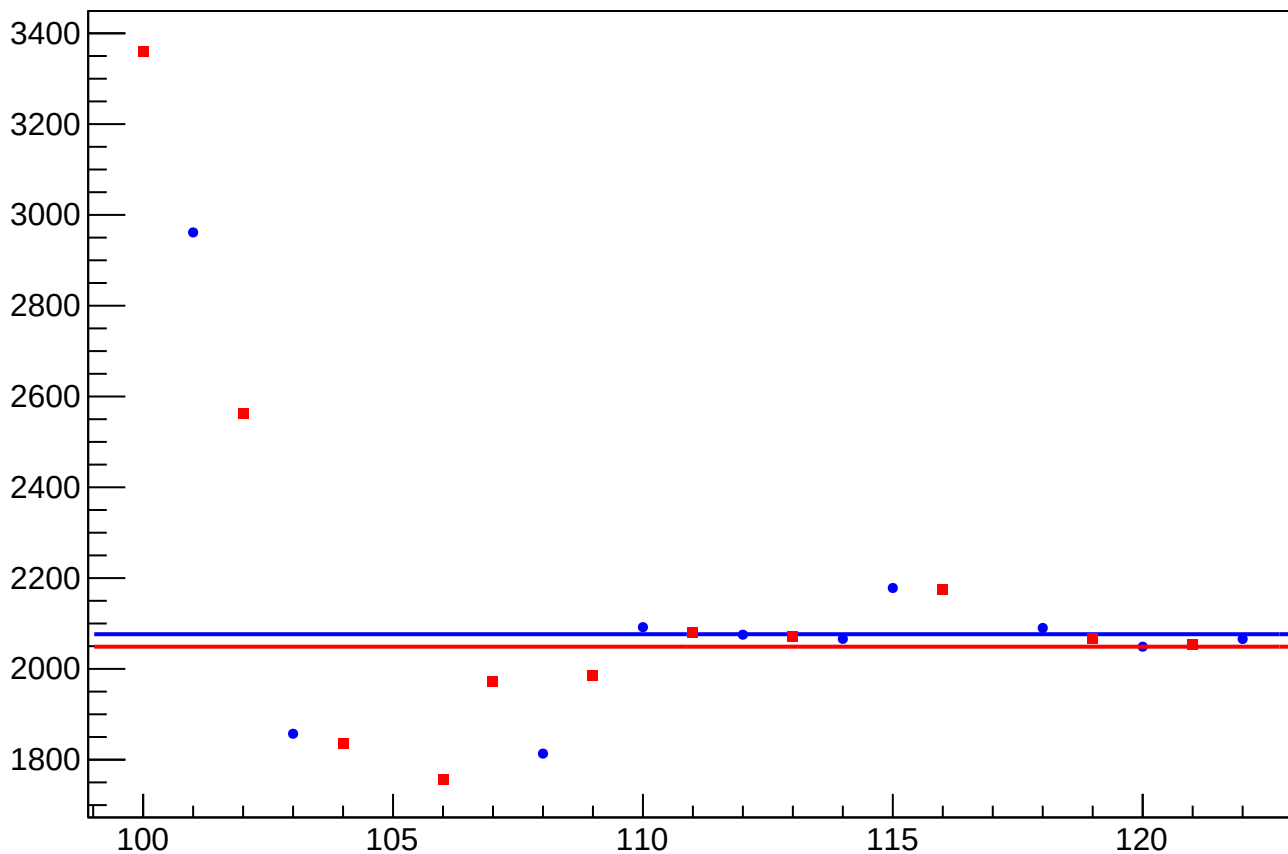
Right: -487.086+/-714.038 χ^2/NDF : 21.7/20

In: -1771.598+/-1038.971 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -487.086+/-714.038 χ^2/NDF : 21.7/20

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2076.422+/-0.735 χ^2/NDF : 150643.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.942+/-0.695 χ^2/NDF : 98835.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

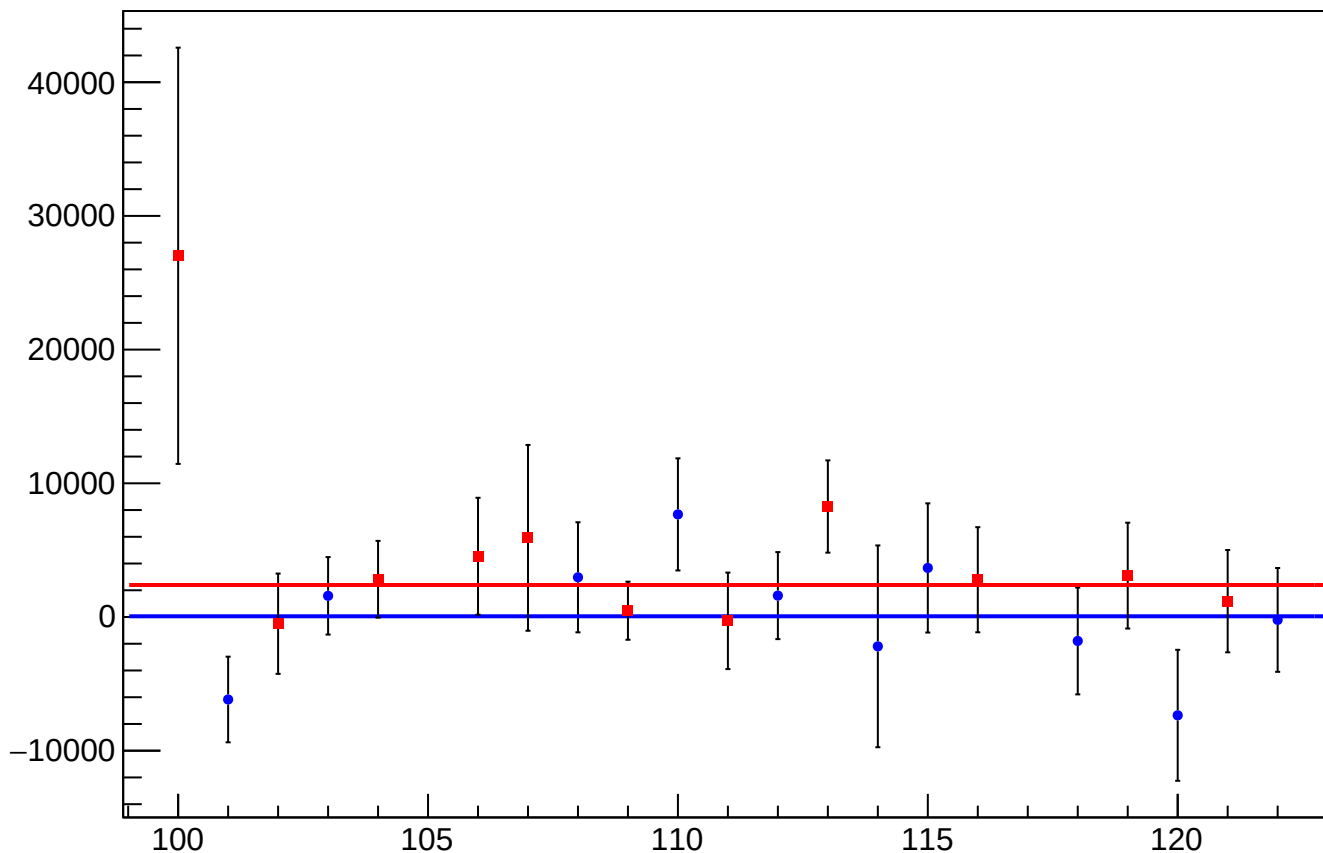
Right: 2061.921+/-0.505 χ^2/NDF : 250217.5/20

In: 2076.422+/-0.735 χ^2/NDF : 150643.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2061.921+/-0.505 χ^2/NDF : 250217.5/20

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 53.888+/-1232.872 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2394.353+/-1091.539 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

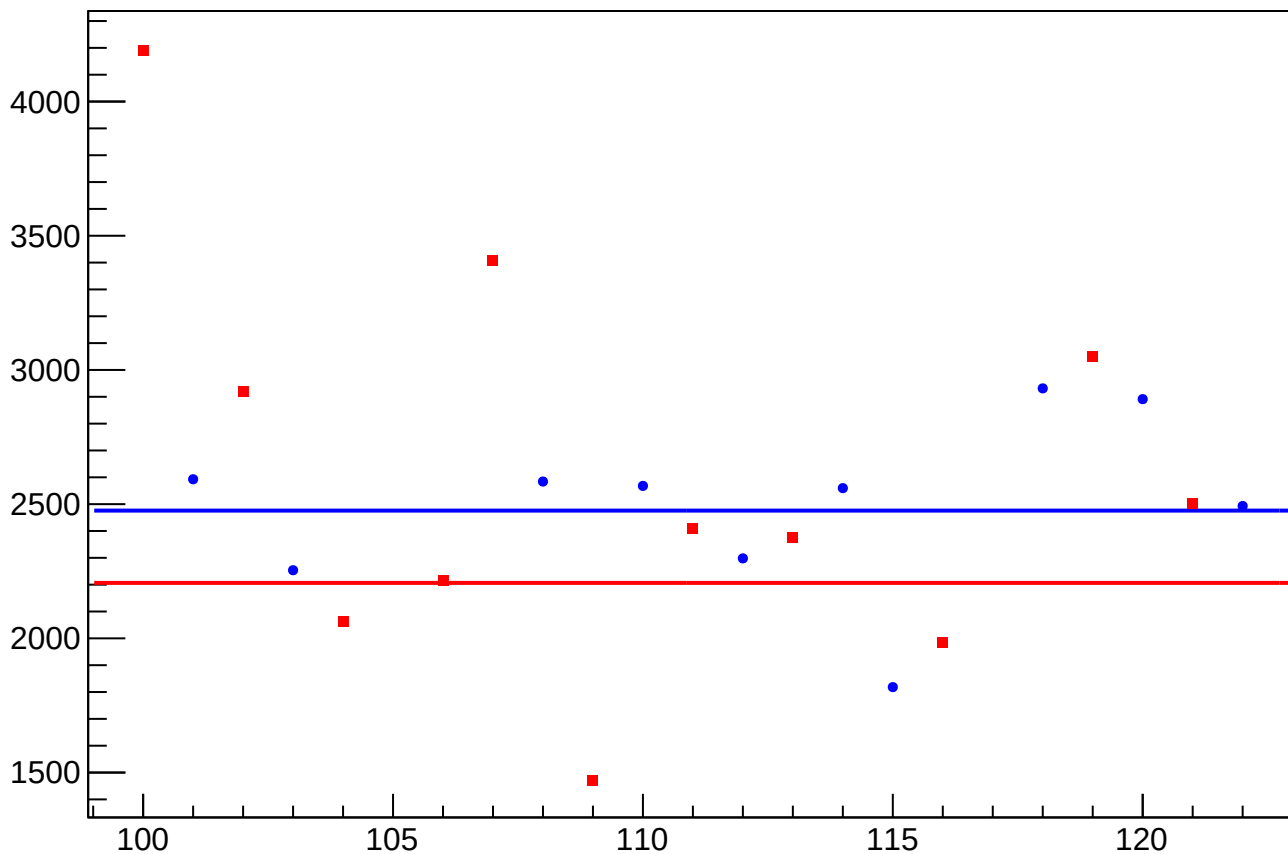
Right: 1365.905+/-817.256 χ^2/NDF : 21.3/20

In: 53.888+/-1232.872 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.905+/-817.256 χ^2/NDF : 21.3/20

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2476.012+/-0.872 χ^2/NDF : 100456.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2206.623+/-0.772 χ^2/NDF : 519677.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

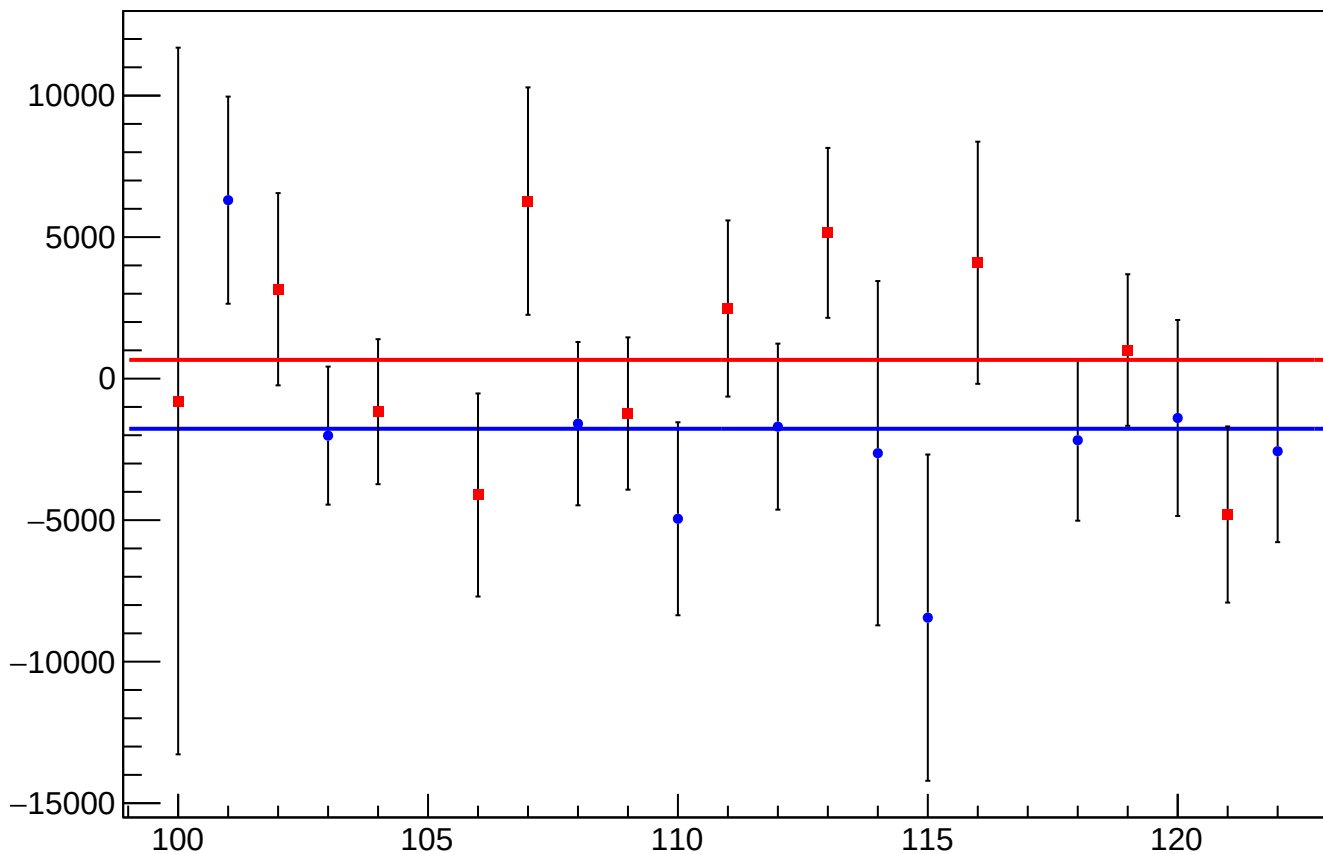
Right: 2324.998+/-0.578 χ^2/NDF : 673662.6/20

In: 2476.012+/-0.872 χ^2/NDF : 100456.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2324.998+/-0.578 χ^2/NDF : 673662.6/20

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1771.598+/-1038.971 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.663+/-982.960 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

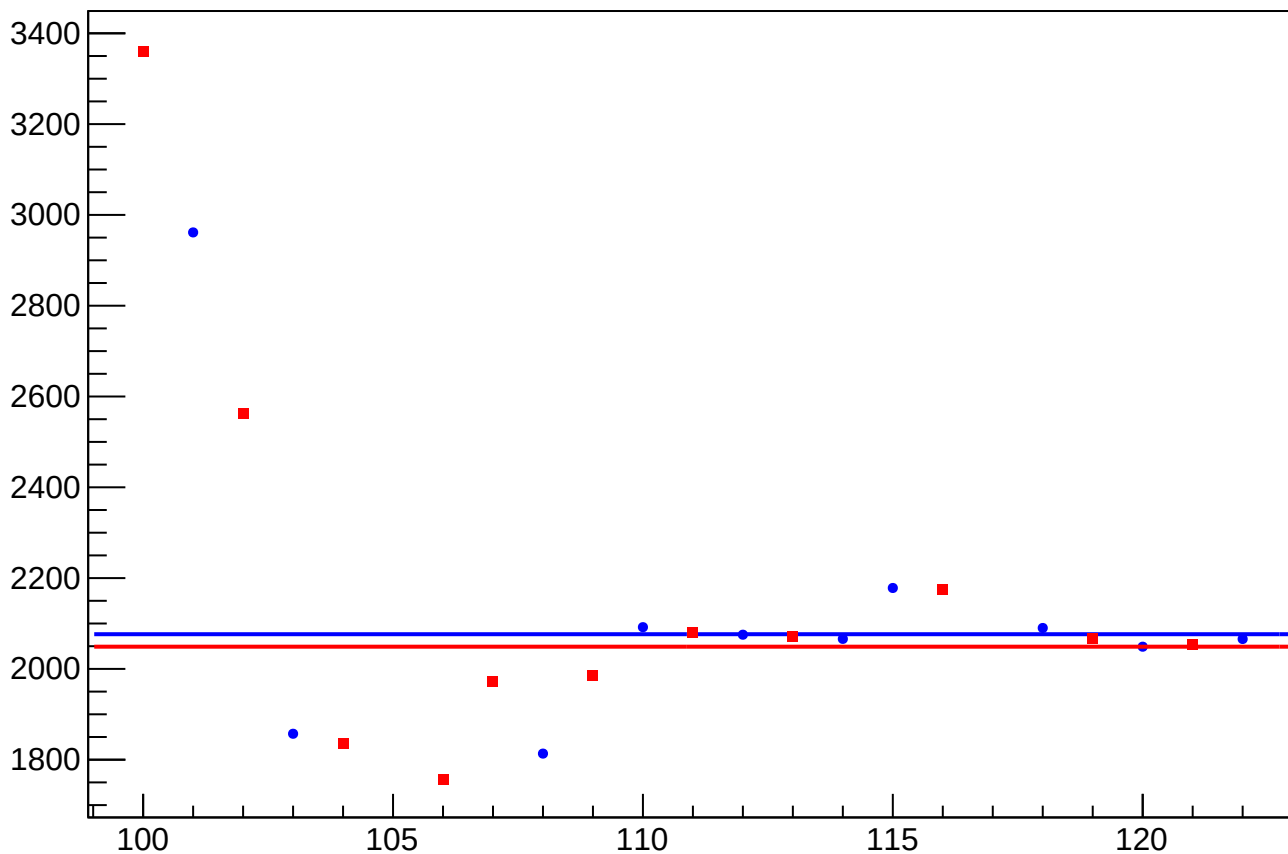
Right: -487.086+/-714.038 χ^2/NDF : 21.7/20

In: -1771.598+/-1038.971 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -487.086+/-714.038 χ^2/NDF : 21.7/20

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2076.422+/-0.735 χ^2/NDF : 150643.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.942+/-0.695 χ^2/NDF : 98835.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

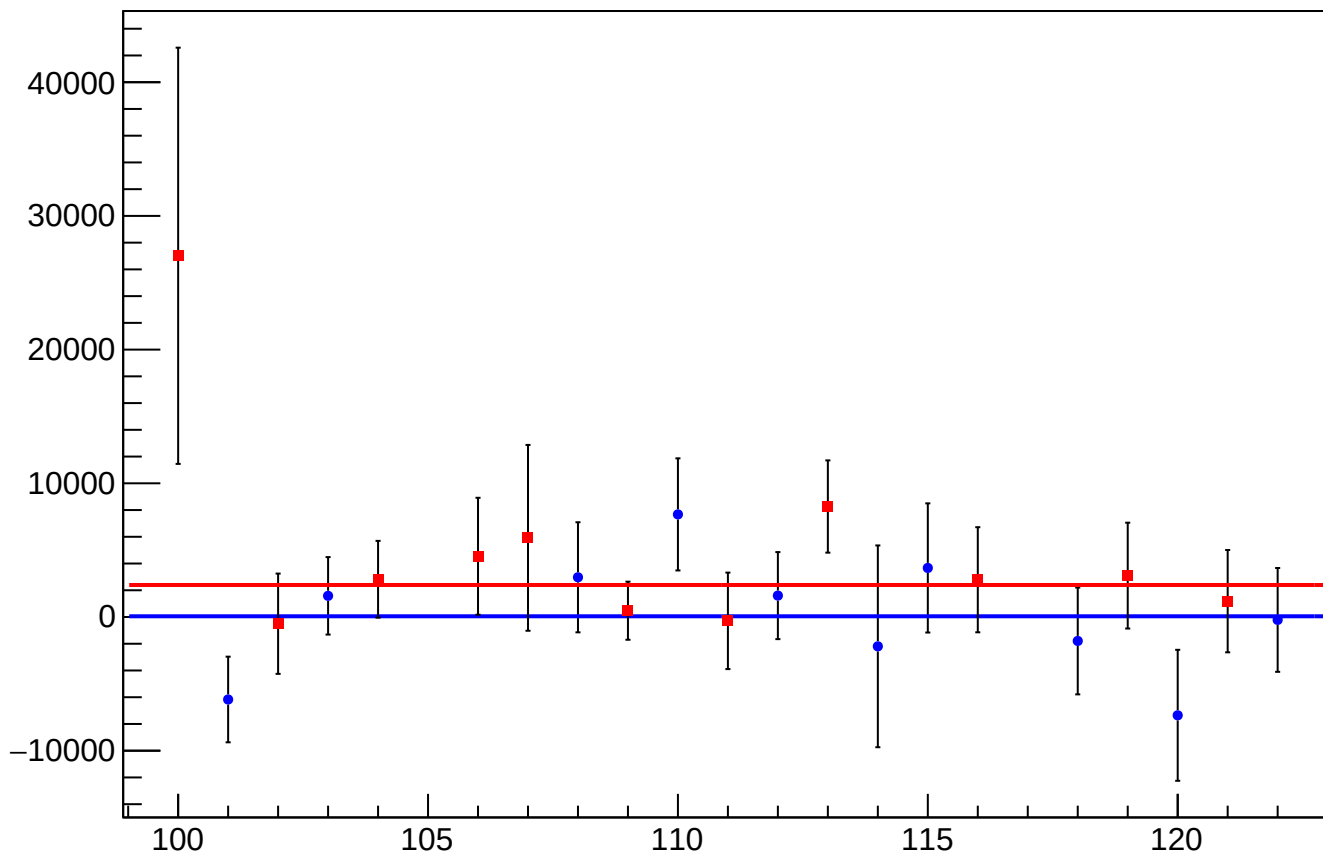
Right: 2061.921+/-0.505 χ^2/NDF : 250217.5/20

In: 2076.422+/-0.735 χ^2/NDF : 150643.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2061.921+/-0.505 χ^2/NDF : 250217.5/20

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 53.888+/-1232.872 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2394.353+/-1091.539 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

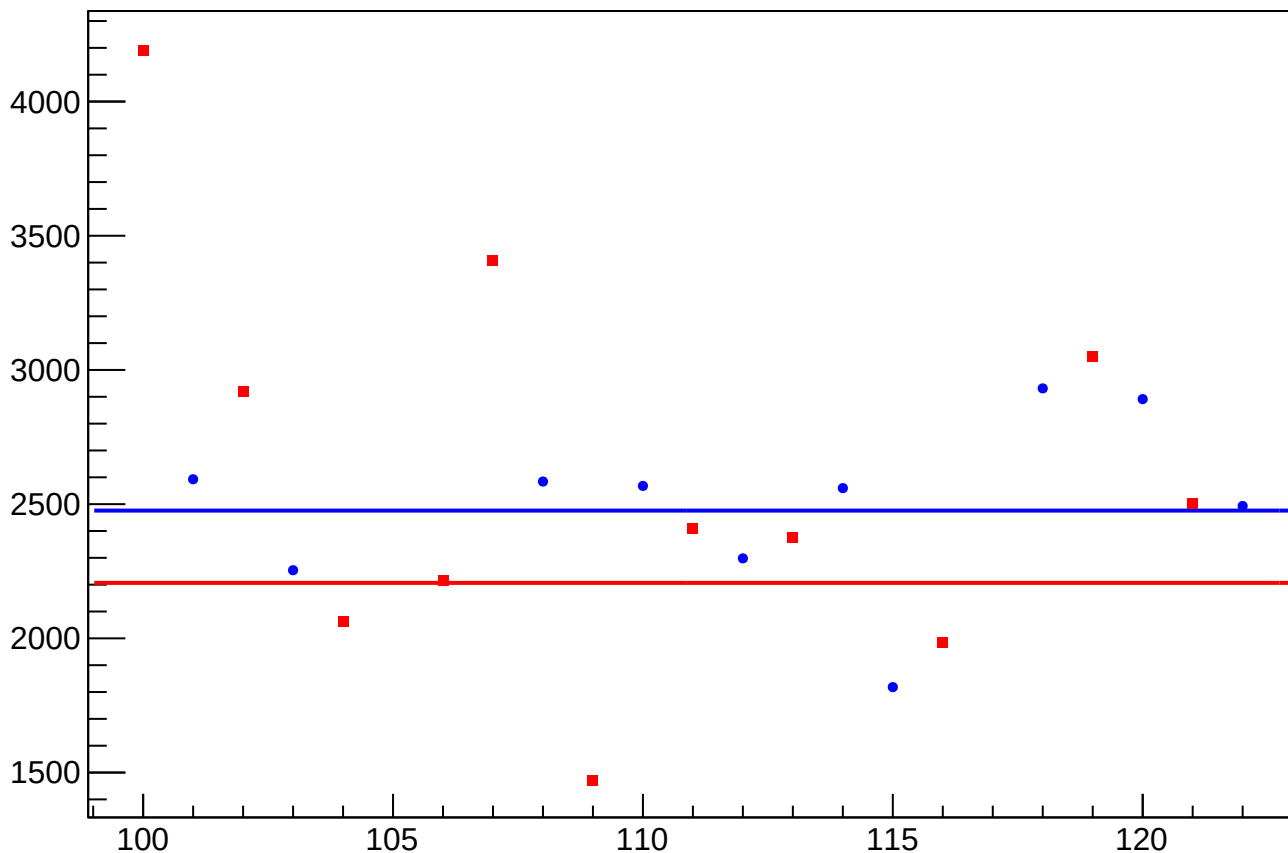
Right: 1365.905+/-817.256 χ^2/NDF : 21.3/20

In: 53.888+/-1232.872 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.905+/-817.256 χ^2/NDF : 21.3/20

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2476.012+/-0.872 χ^2/NDF : 100456.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2206.623+/-0.772 χ^2/NDF : 519677.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

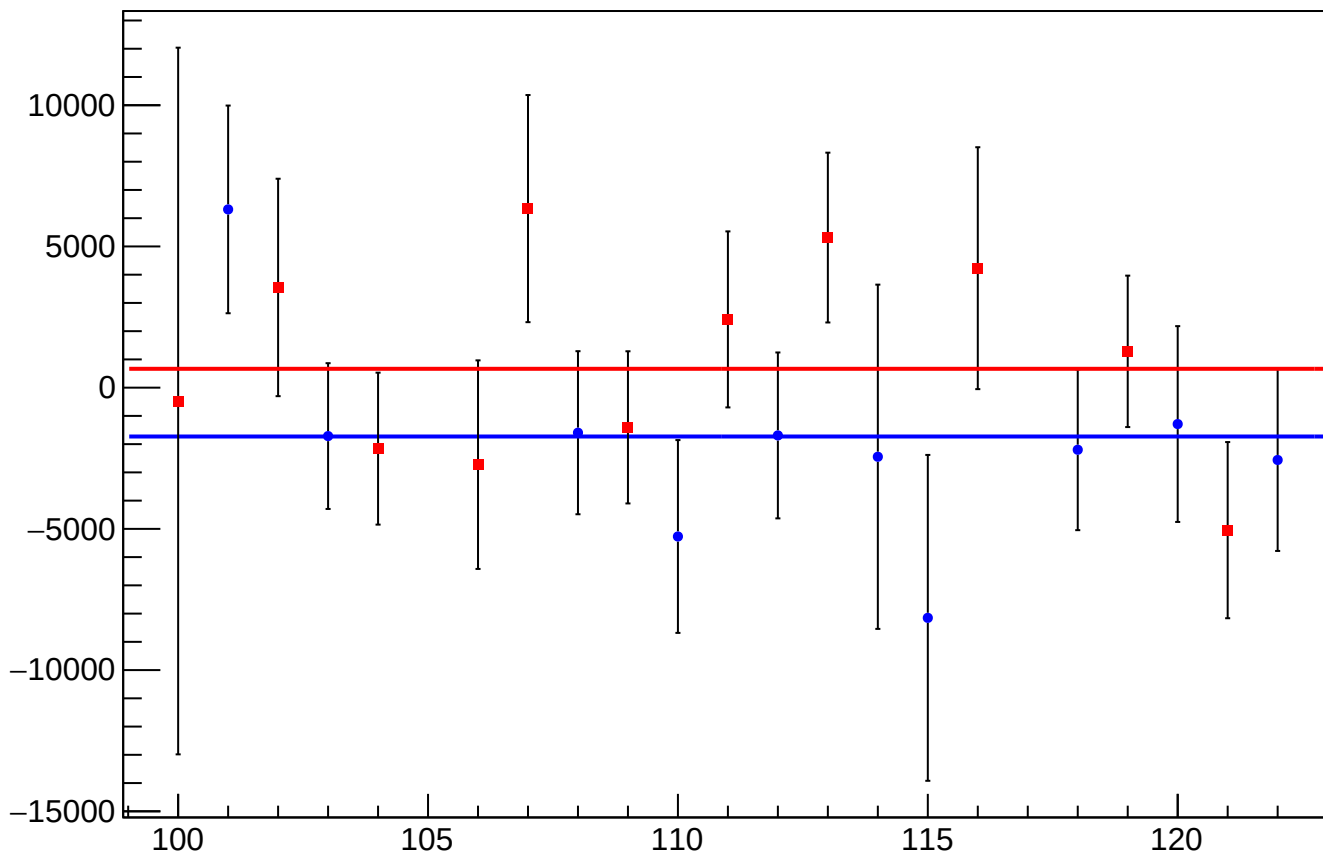
Right: 2324.998+/-0.578 χ^2/NDF : 673662.6/20

In: 2476.012+/-0.872 χ^2/NDF : 100456.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2324.998+/-0.578 χ^2/NDF : 673662.6/20

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1729.440+/-1050.659 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 667.458+/-1002.429 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

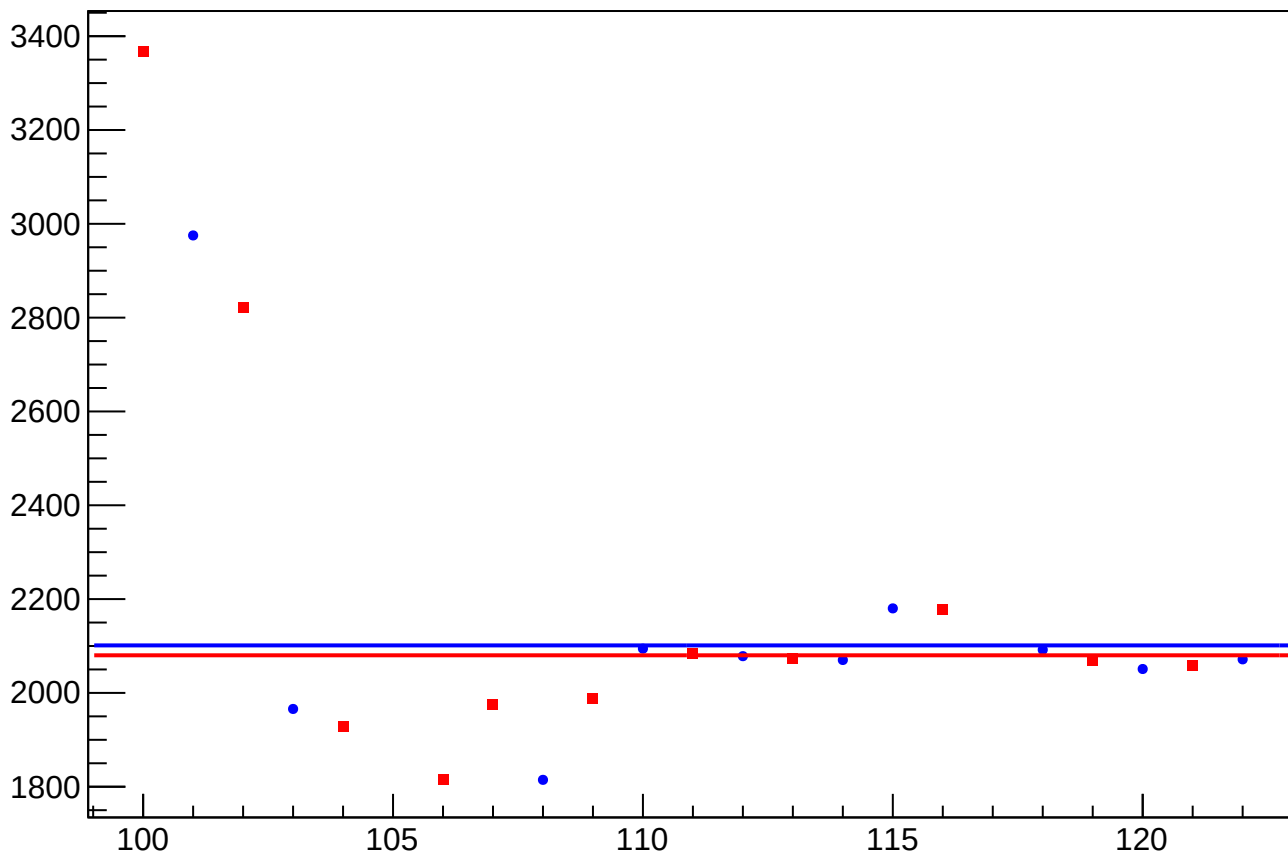
Right: -474.715+/-725.276 χ^2/NDF : 21.9/20

In: -1729.440+/-1050.659 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -474.715+/-725.276 χ^2/NDF : 21.9/20

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2101.276+/-0.743 χ^2/NDF : 139387.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2080.168+/-0.709 χ^2/NDF : 116797.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

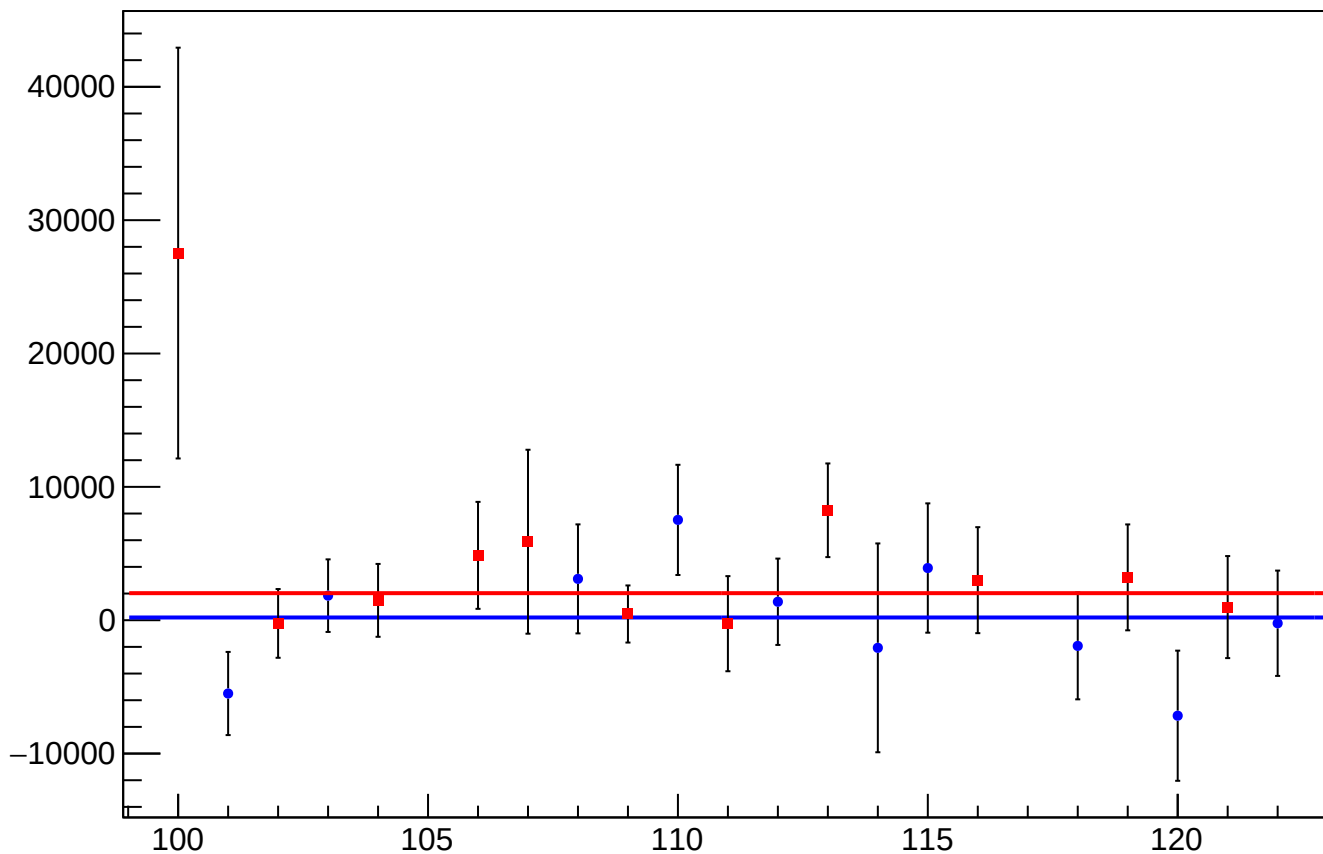
Right: 2090.226+/-0.513 χ^2/NDF : 256608.2/20

In: 2101.276+/-0.743 χ^2/NDF : 139387.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2090.226+/-0.513 χ^2/NDF : 256608.2/20

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 204.588+/-1213.657 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2028.642+/-1028.969 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

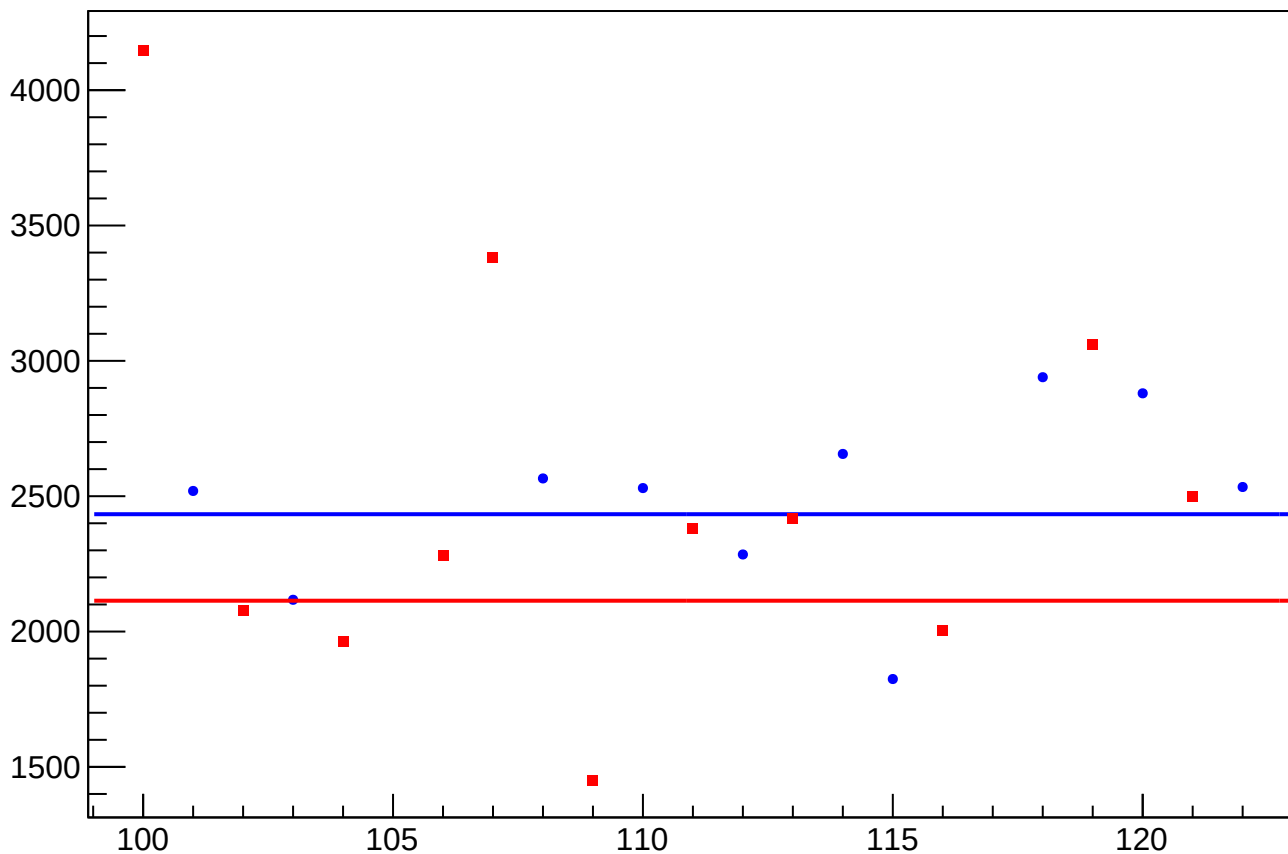
Right: 1265.820+/-784.854 χ^2/NDF : 20.7/20

In: 204.588+/-1213.657 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1265.820+/-784.854 χ^2/NDF : 20.7/20

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2433.489+/-0.858 χ^2/NDF : 119017.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.906+/-0.728 χ^2/NDF : 466322.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

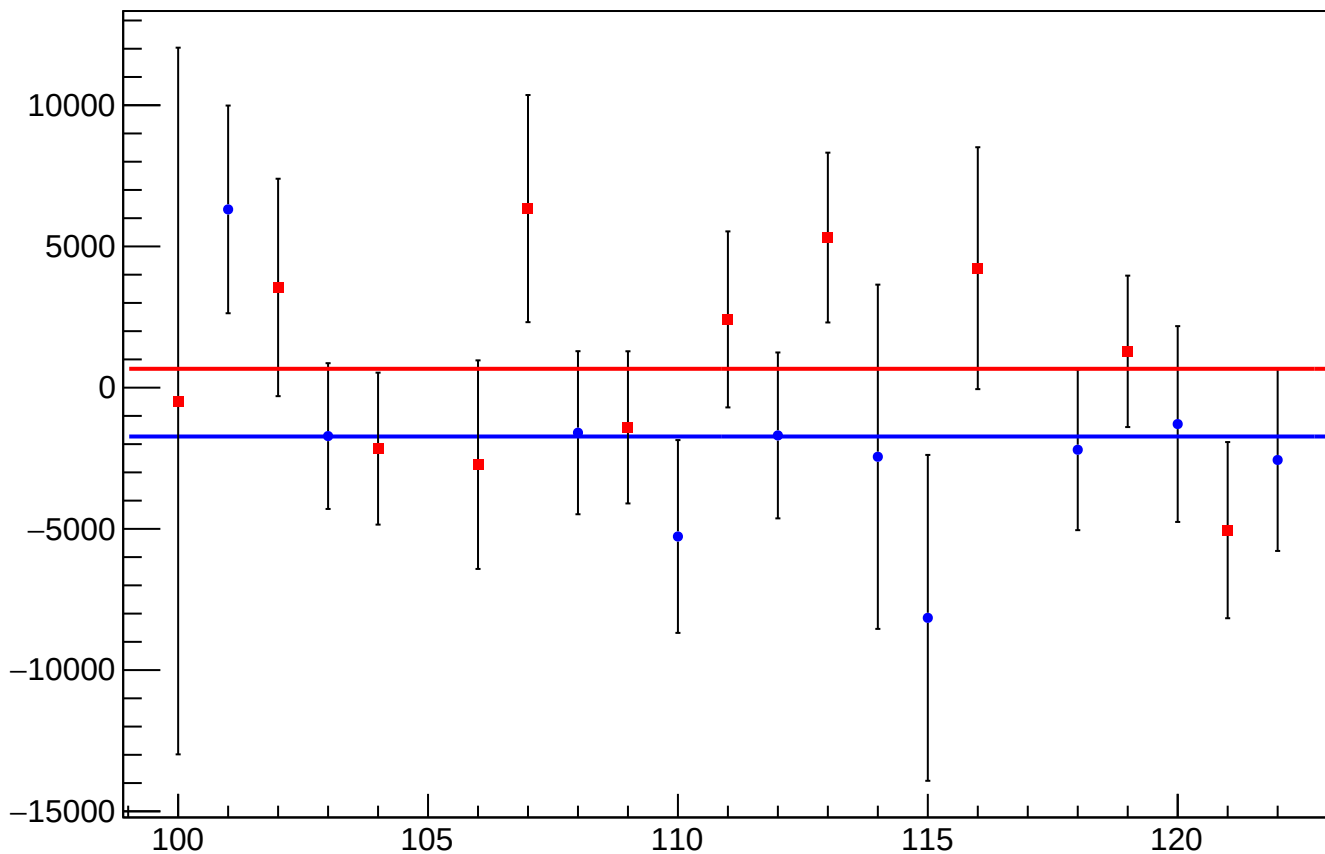
Right: 2247.556+/-0.555 χ^2/NDF : 666022.4/20

In: 2433.489+/-0.858 χ^2/NDF : 119017.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2247.556+/-0.555 χ^2/NDF : 666022.4/20

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1729.432+/-1050.659 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 667.455+/-1002.429 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

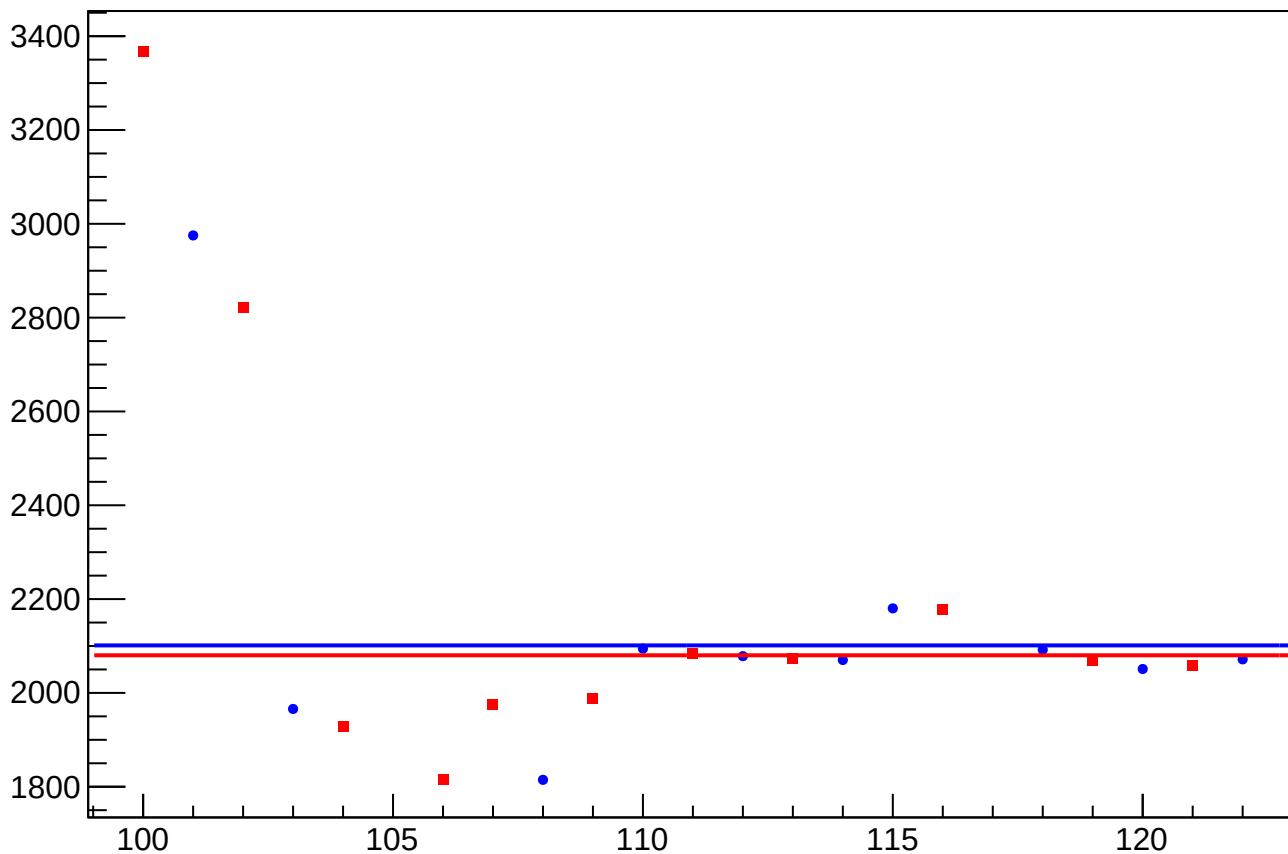
Right: -474.714+/-725.276 χ^2/NDF : 21.9/20

In: -1729.432+/-1050.659 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -474.714+/-725.276 χ^2/NDF : 21.9/20

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2101.276+/-0.743 χ^2/NDF : 139387.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2080.168+/-0.709 χ^2/NDF : 116797.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

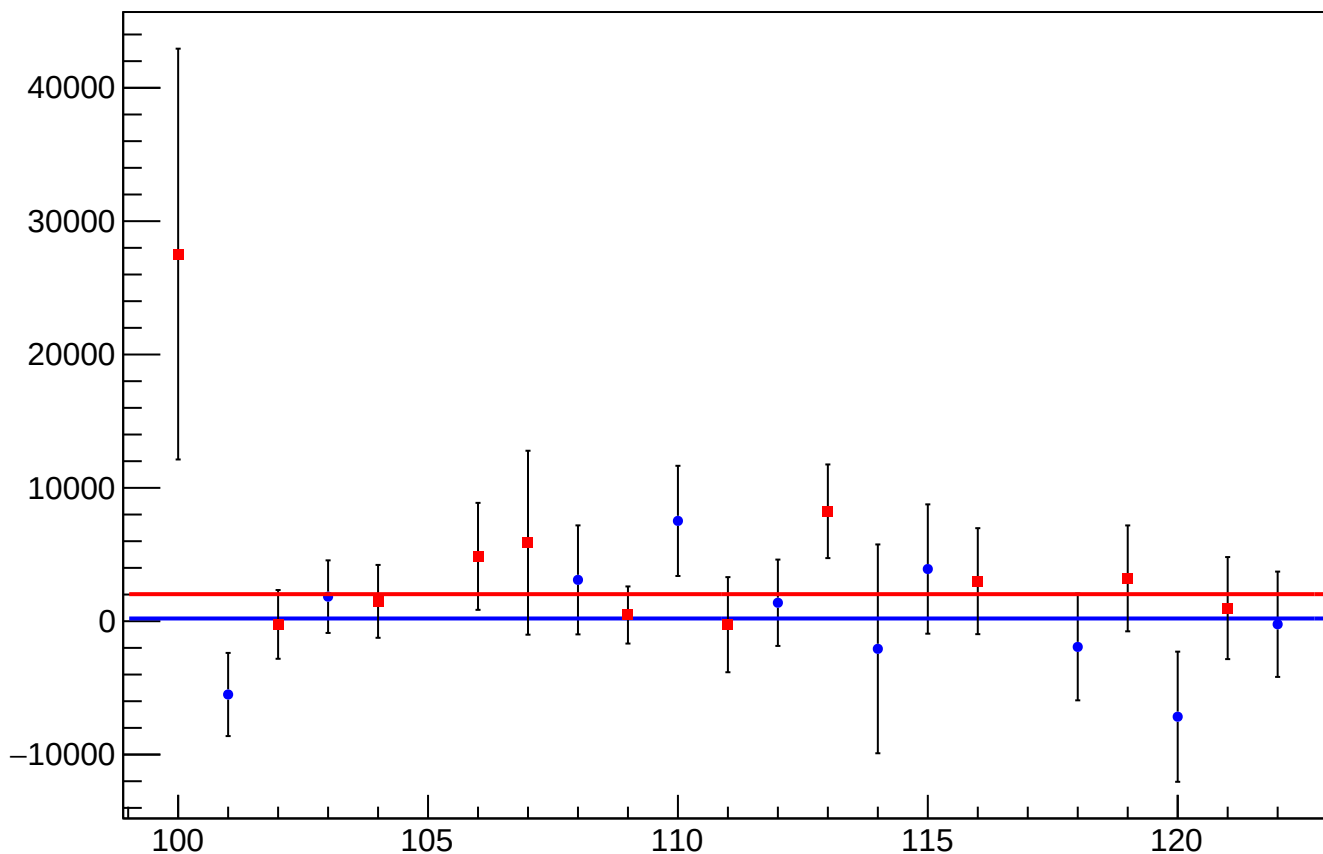
Right: 2090.226+/-0.513 χ^2/NDF : 256608.1/20

In: 2101.276+/-0.743 χ^2/NDF : 139387.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2090.226+/-0.513 χ^2/NDF : 256608.1/20

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 204.586+/-1213.654 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2028.646+/-1028.970 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

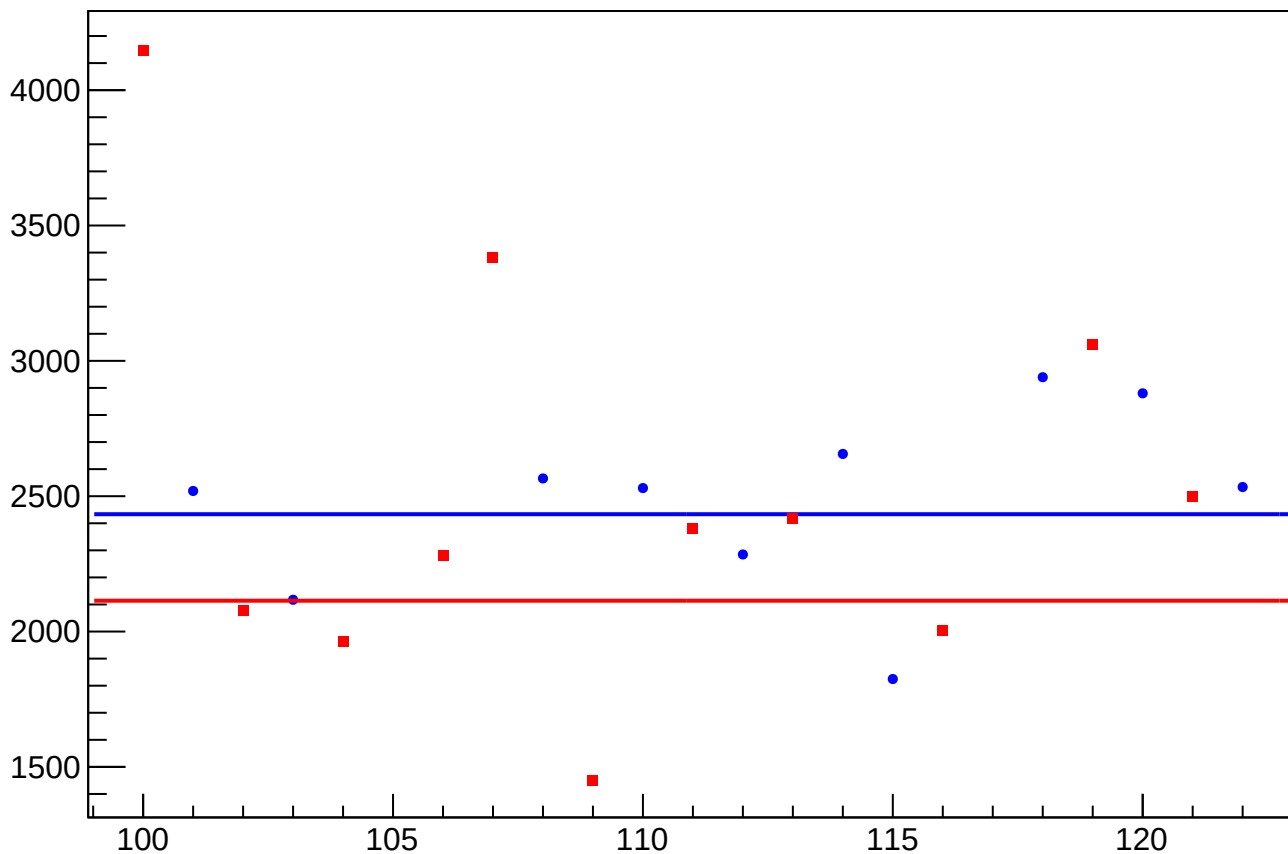
Right: 1265.819+/-784.853 χ^2/NDF : 20.7/20

In: 204.586+/-1213.654 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1265.819+/-784.853 χ^2/NDF : 20.7/20

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2433.485+/-0.858 χ^2/NDF : 119013.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.911+/-0.728 χ^2/NDF : 466308.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

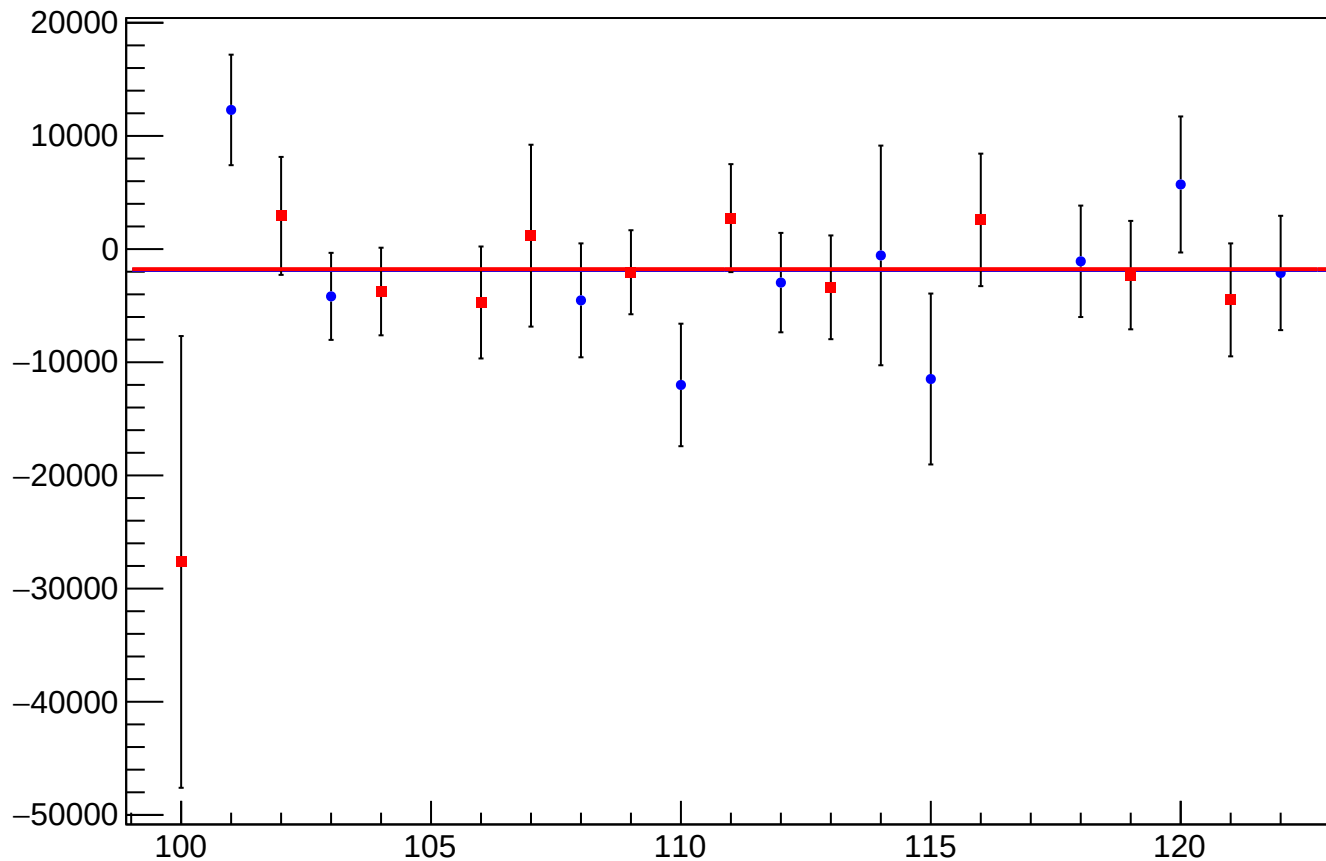
Right: 2247.557+/-0.555 χ^2/NDF : 665999.9/20

In: 2433.485+/-0.858 χ^2/NDF : 119013.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2247.557+/-0.555 χ^2/NDF : 665999.9/20

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1845.057+/-1641.180 χ^2/NDF : 15.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1774.869+/-1508.532 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

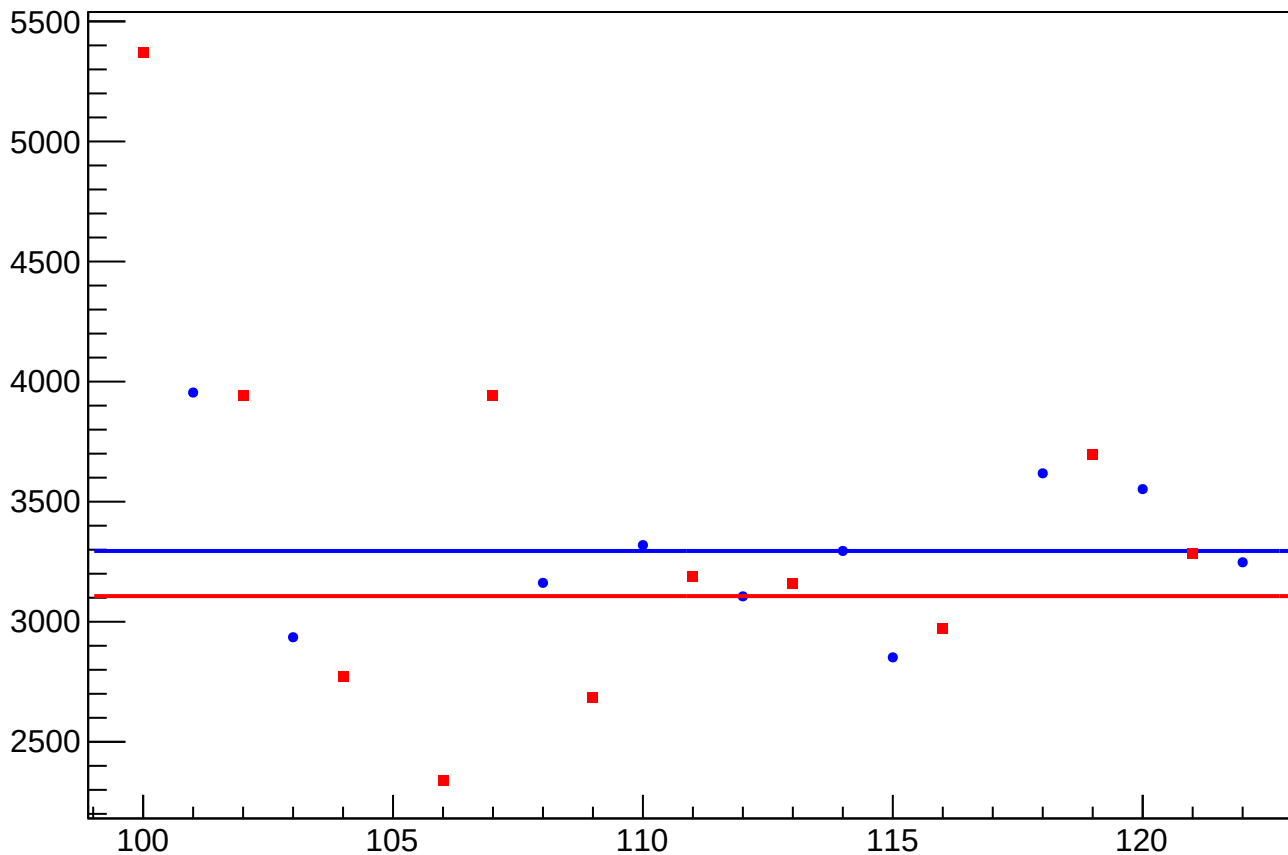
Right: -1807.013+/-1110.632 χ^2/NDF : 21.0/20

In: -1845.057+/-1641.180 χ^2/NDF : 15.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1807.013+/-1110.632 χ^2/NDF : 21.0/20

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3294.815+/-1.160 χ^2/NDF : 78460.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3106.800+/-1.067 χ^2/NDF : 222694.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

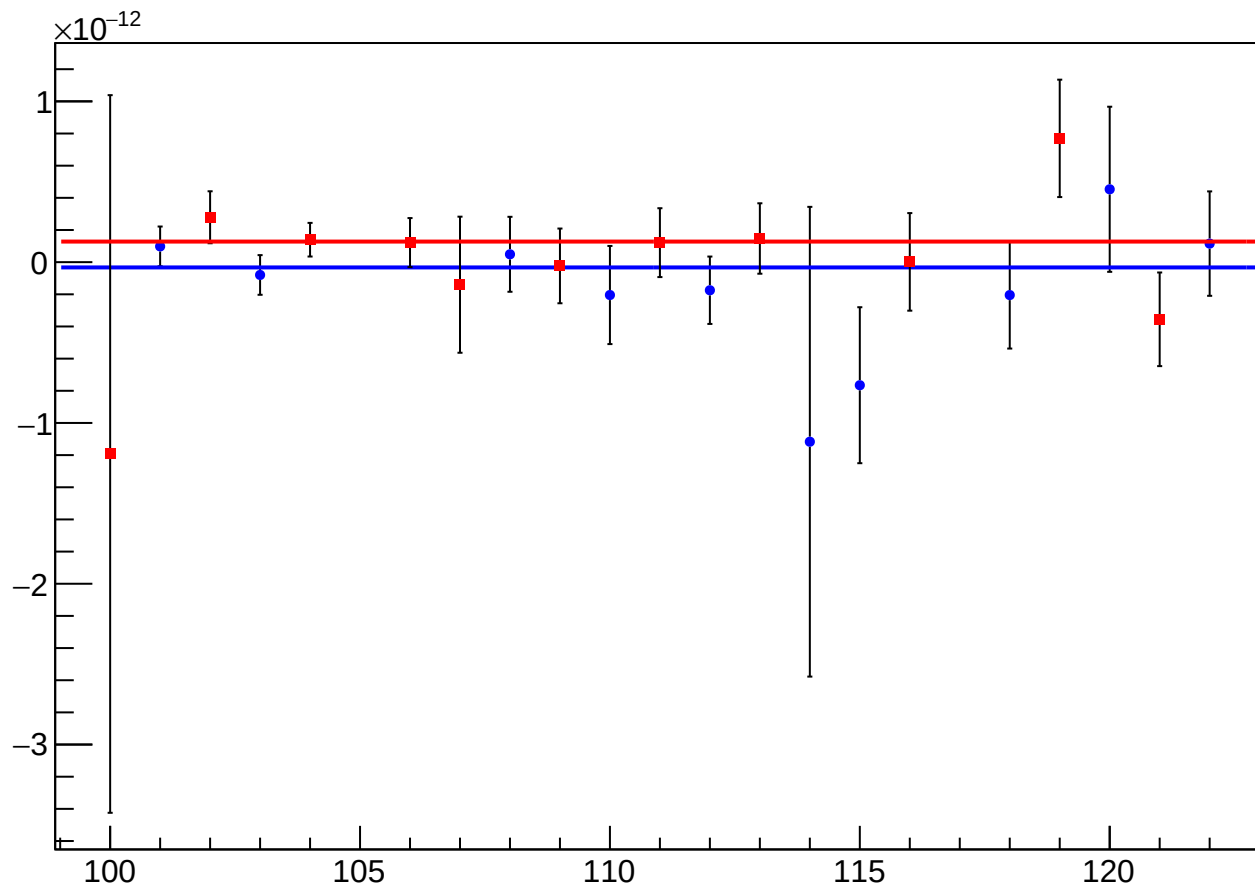
Right: 3192.902+/-0.785 χ^2/NDF : 315383.9/20

In: 3294.815+/-1.160 χ^2/NDF : 78460.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3192.902+/-0.785 χ^2/NDF : 315383.9/20

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.4/9

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

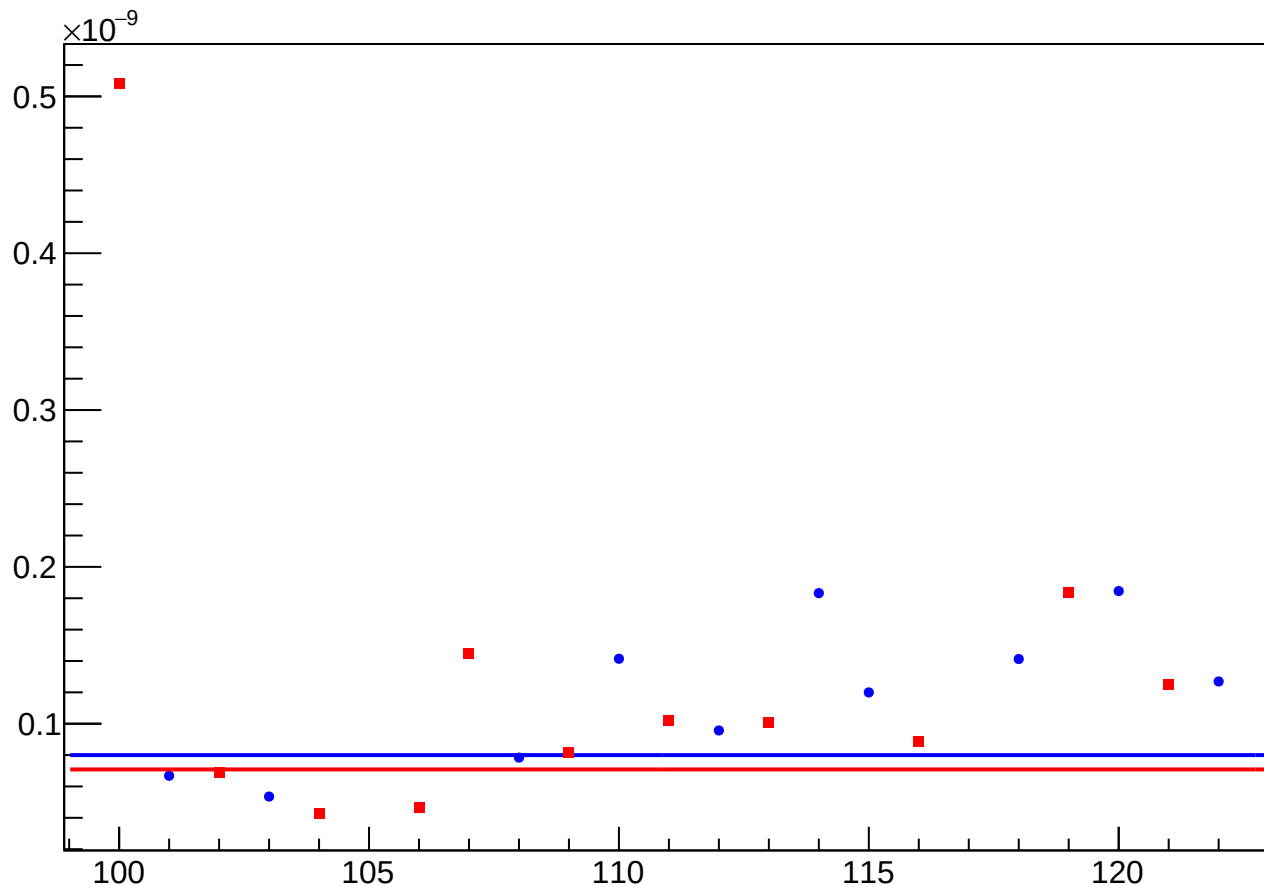
Right: 0.000+/-0.000 χ^2/NDF : 17.5/20

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 : 17.5/20

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 423190.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 686309.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

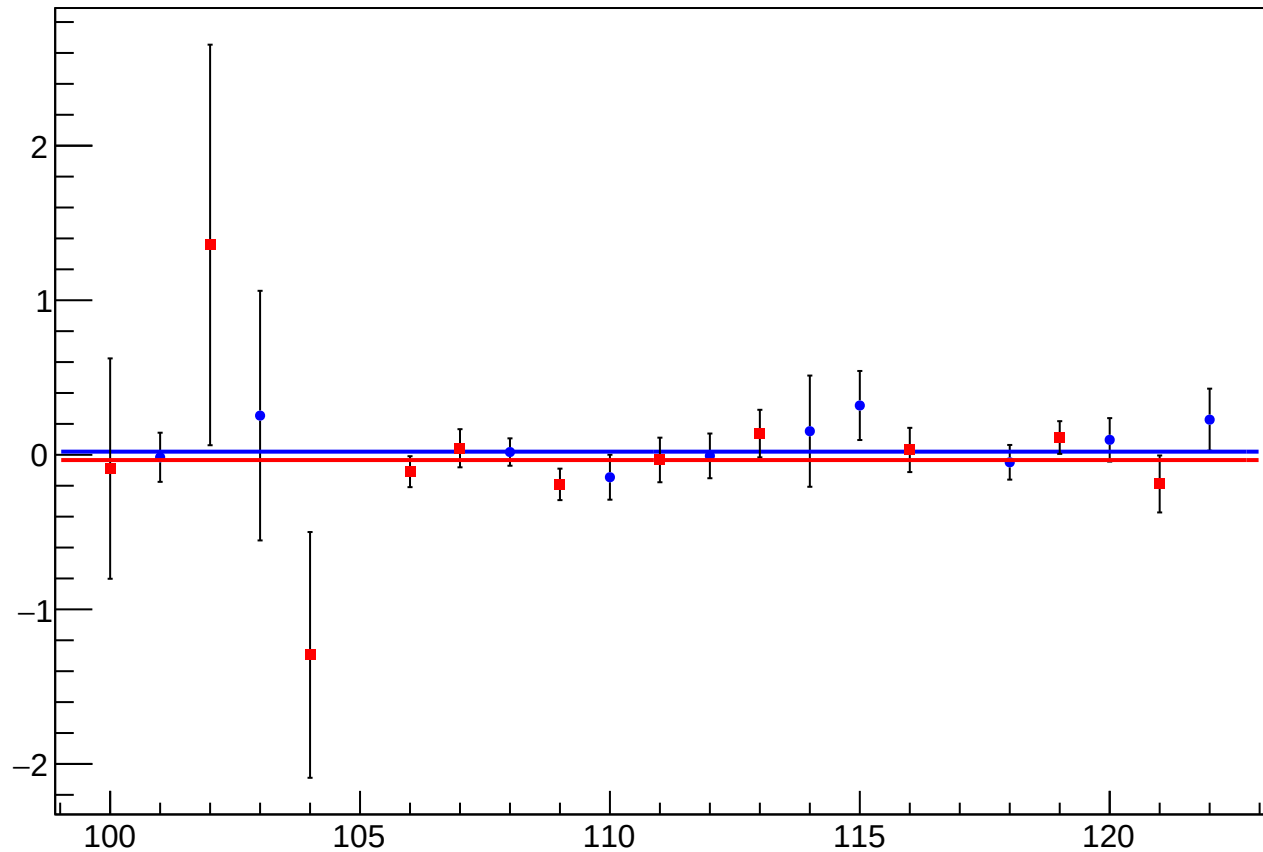
Right: 0.000+/-0.000 χ^2/NDF : 1129253.7/20

In: 0.000+/-0.000 χ^2/NDF : 423190.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1129253.7/20

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.044 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

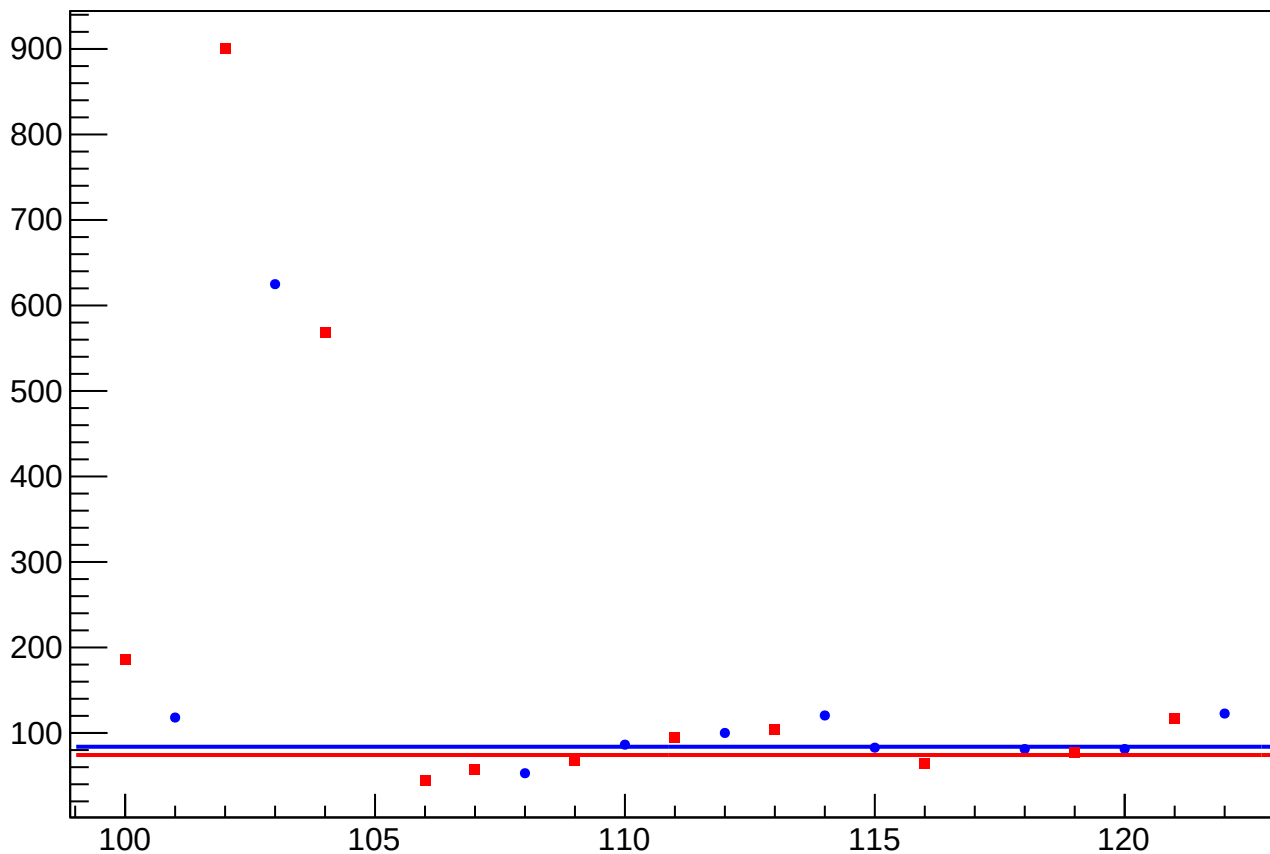
Right: -0.009+/-0.032 χ^2/NDF : 16.9/20

In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.032 χ^2/NDF : 16.9/20

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.891+/-0.033 χ^2/NDF : 1357637.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.231+/-0.031 χ^2/NDF : 2102275.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

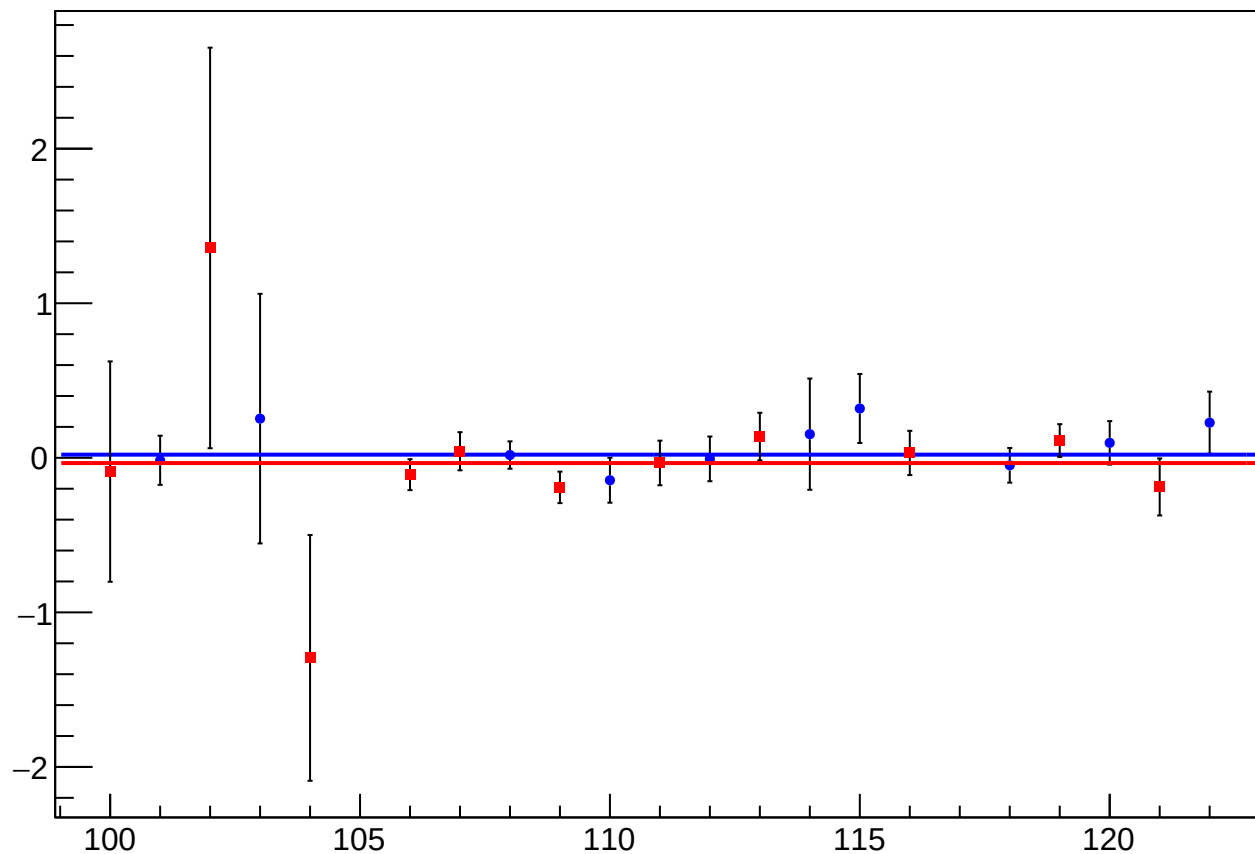
Right: 78.675+/-0.023 χ^2/NDF : 3504896.7/20

In: 83.891+/-0.033 χ^2/NDF : 1357637.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.675+/-0.023 χ^2/NDF : 3504896.7/20

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.044 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

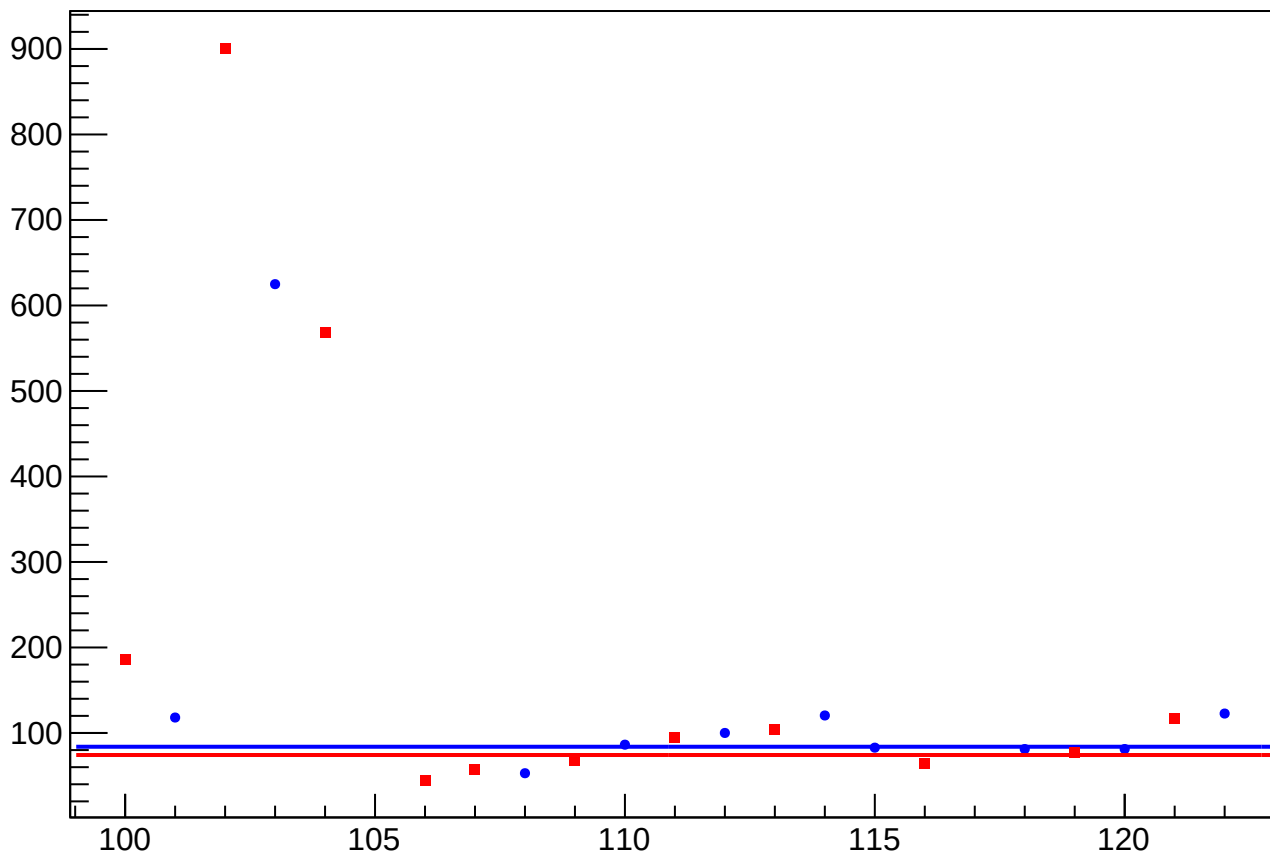
Right: -0.009+/-0.032 χ^2/NDF : 16.9/20

In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.032 χ^2/NDF : 16.9/20

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.891+/-0.033 χ^2/NDF : 1357637.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.231+/-0.031 χ^2/NDF : 2102275.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

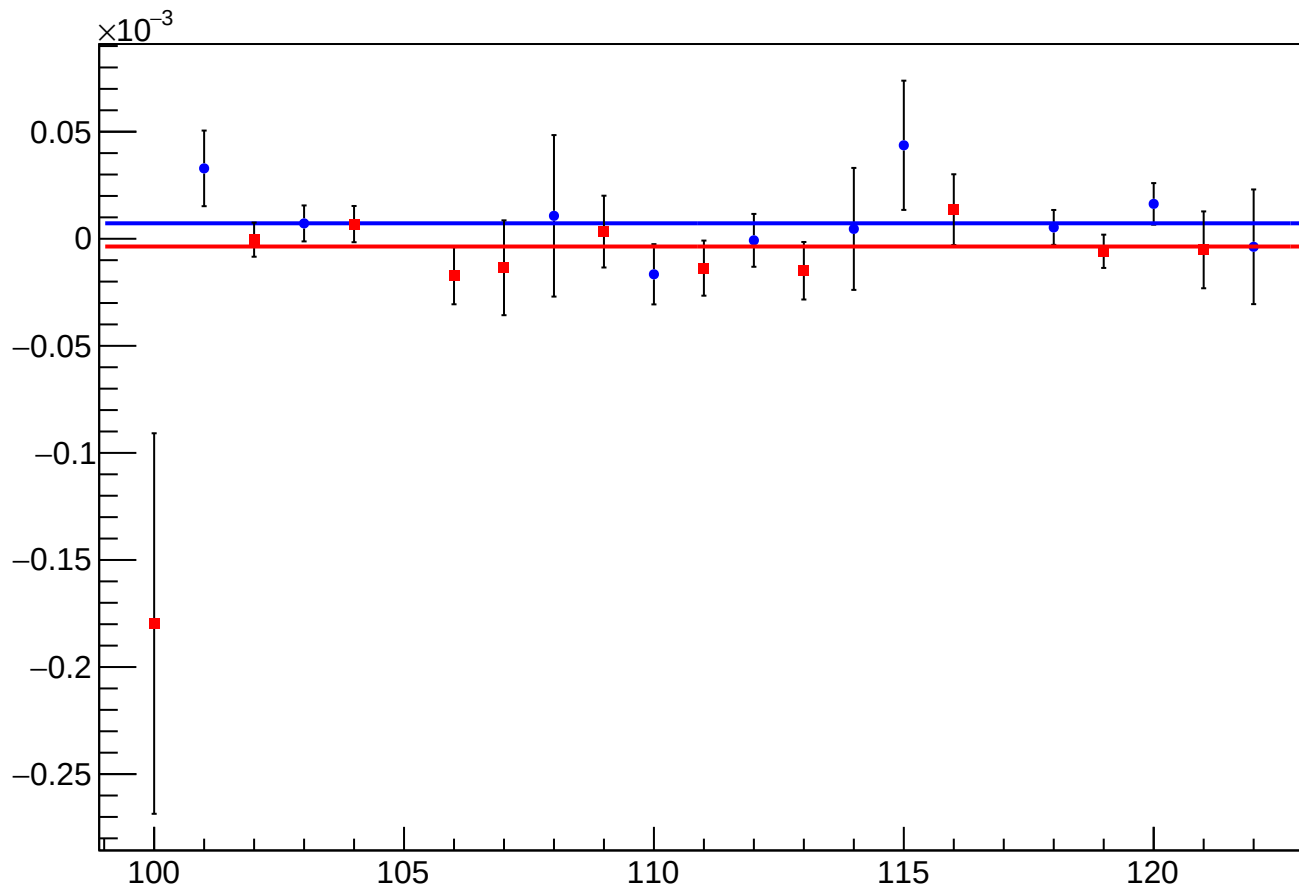
Right: 78.675+/-0.023 χ^2/NDF : 3504896.7/20

In: 83.891+/-0.033 χ^2/NDF : 1357637.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.675+/-0.023 χ^2/NDF : 3504896.7/20

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 : 8.0/9

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

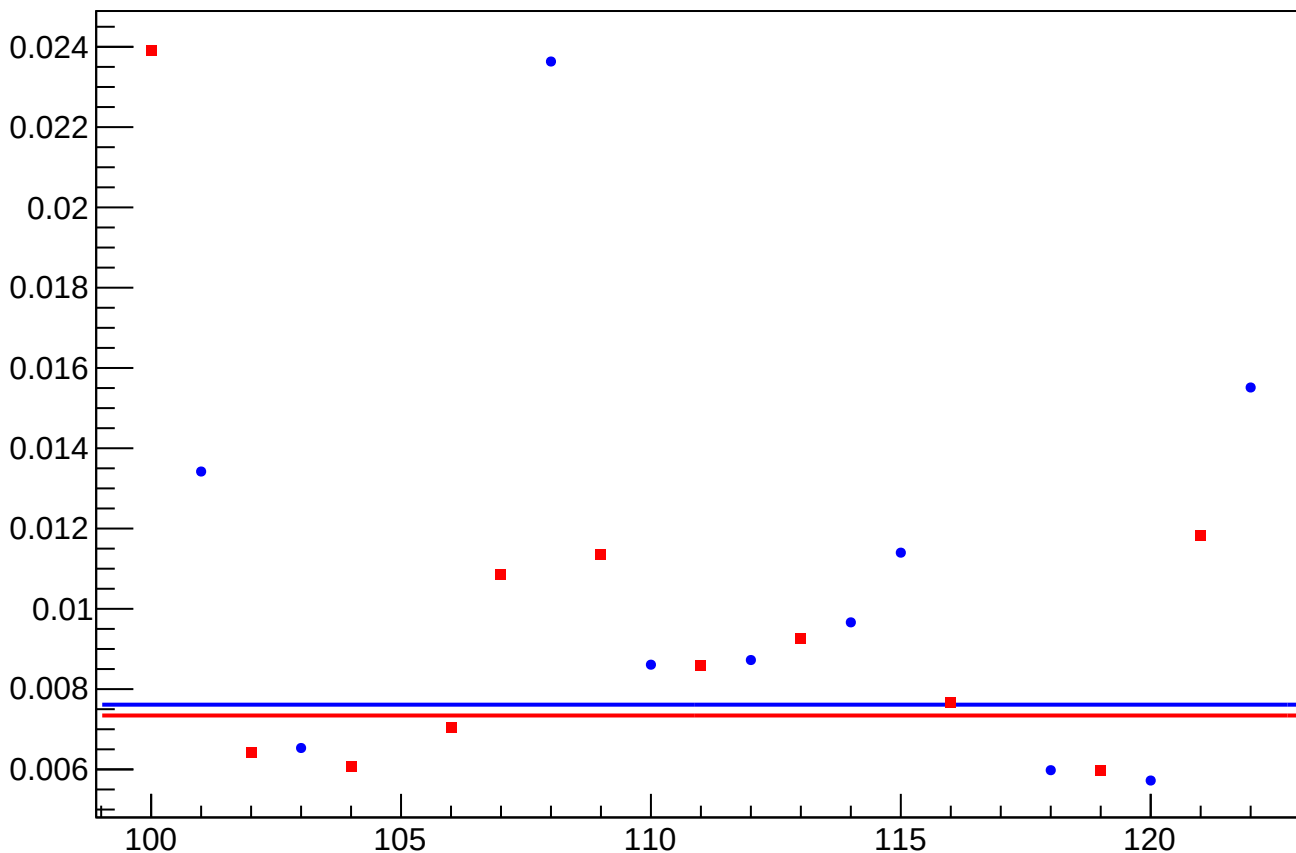
Right: 0.000+/-0.000 χ^2/NDF : 21.4/20

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 : 21.4/20

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 : 1008694.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 554988.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

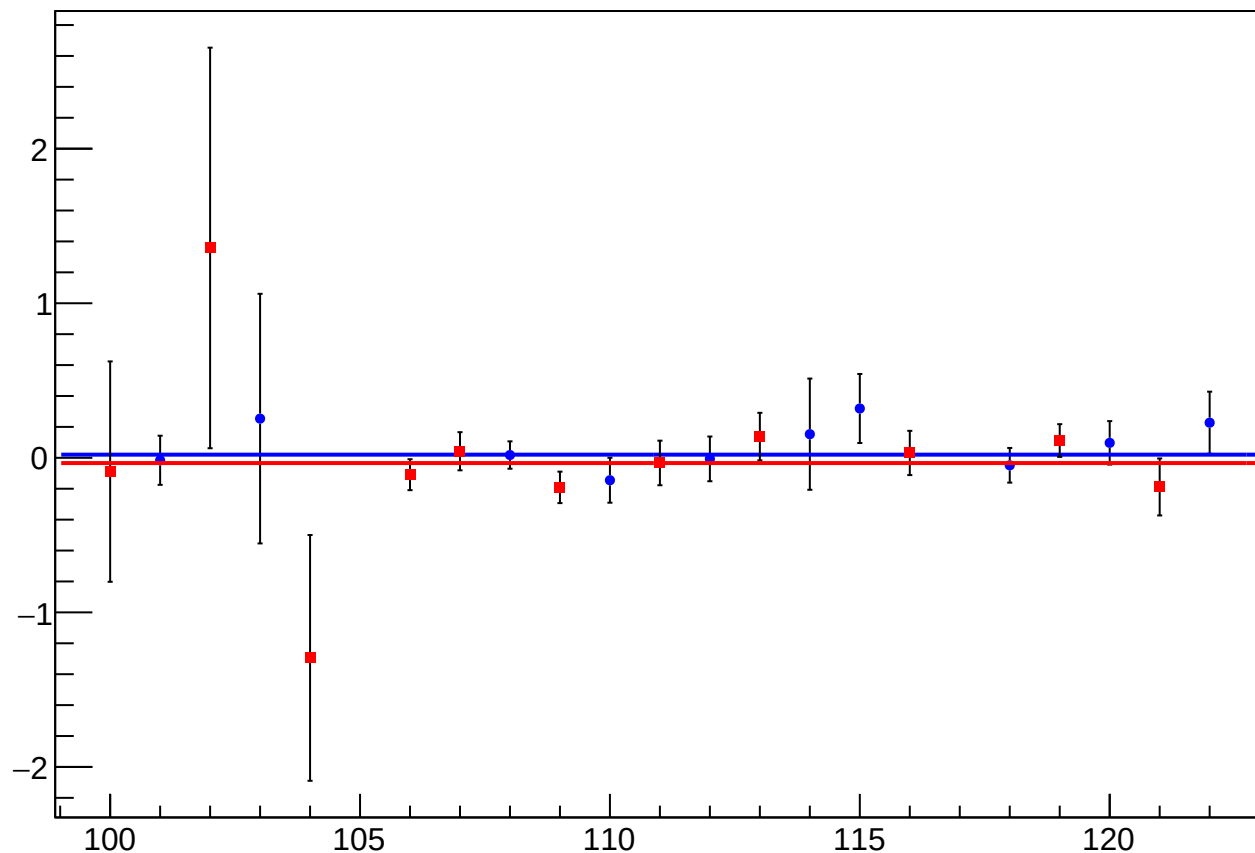
Right: 0.007+/-0.000 χ^2/NDF : 1568520.4/20

In: 0.008+/-0.000 χ^2/NDF :1008694.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1568520.4/20

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.044 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

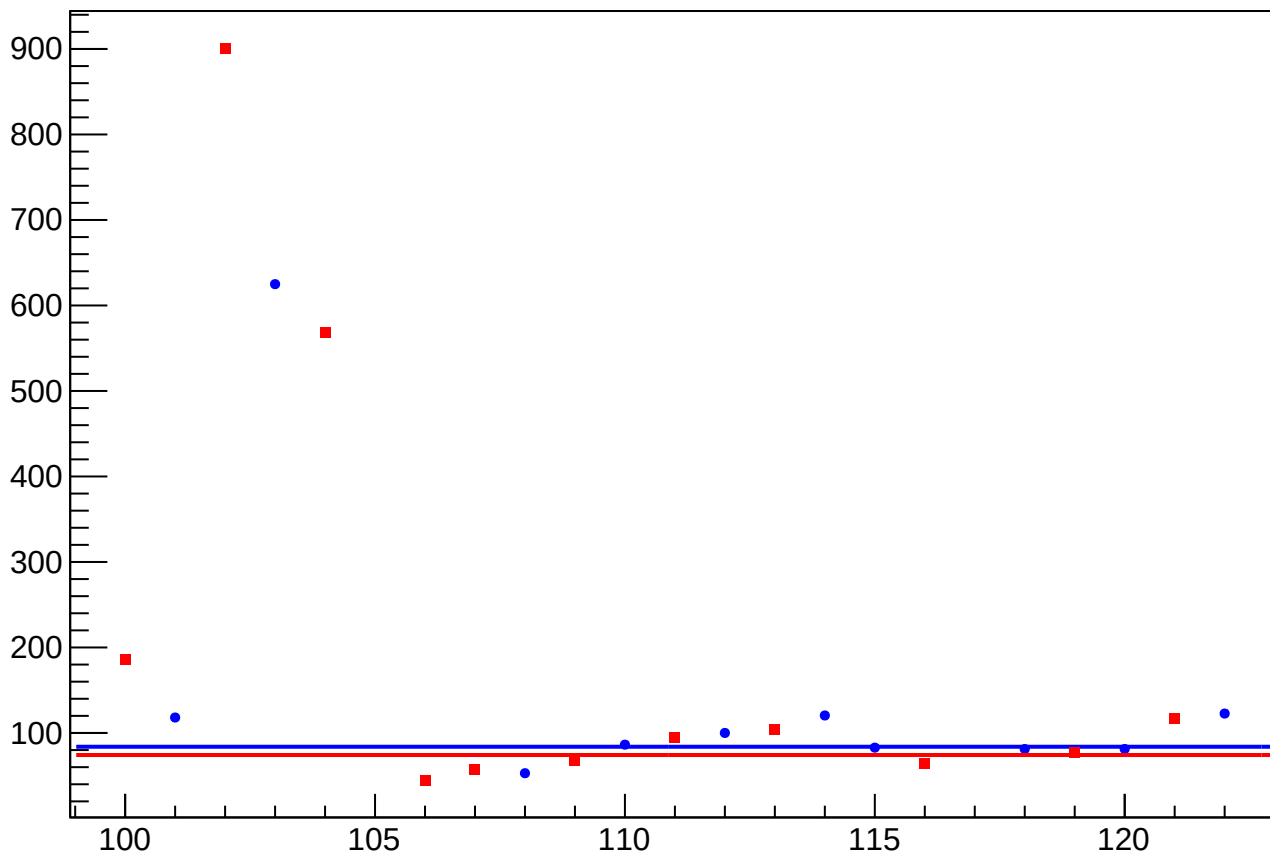
Right: -0.009+/-0.032 χ^2/NDF : 16.9/20

In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.032 χ^2/NDF : 16.9/20

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.896+/-0.033 χ^2/NDF : 1357451.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.231+/-0.031 χ^2/NDF : 2102267.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

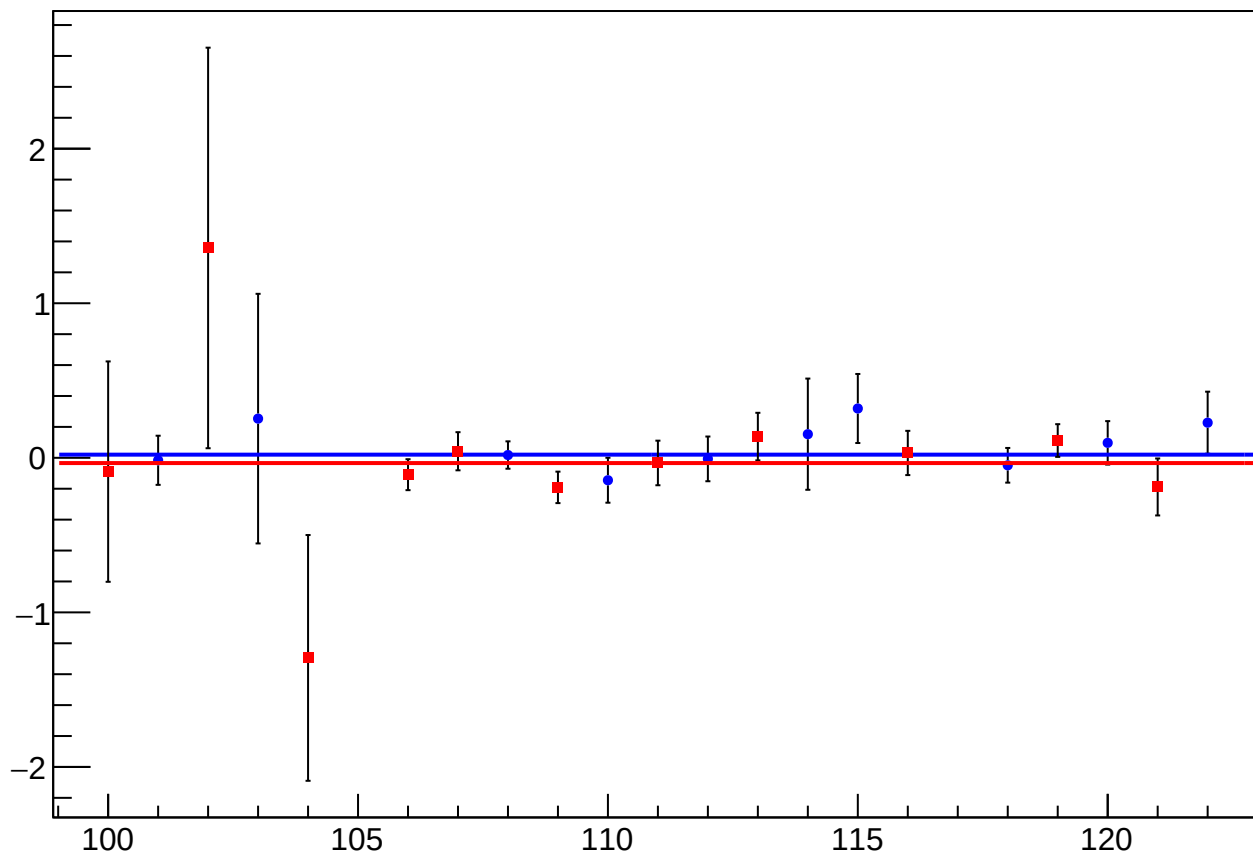
Right: 78.677+/-0.023 χ^2/NDF : 3504747.1/20

In: 83.896+/-0.033 χ^2/NDF : 1357451.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.677+/-0.023 χ^2/NDF : 3504747.1/20

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.044 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

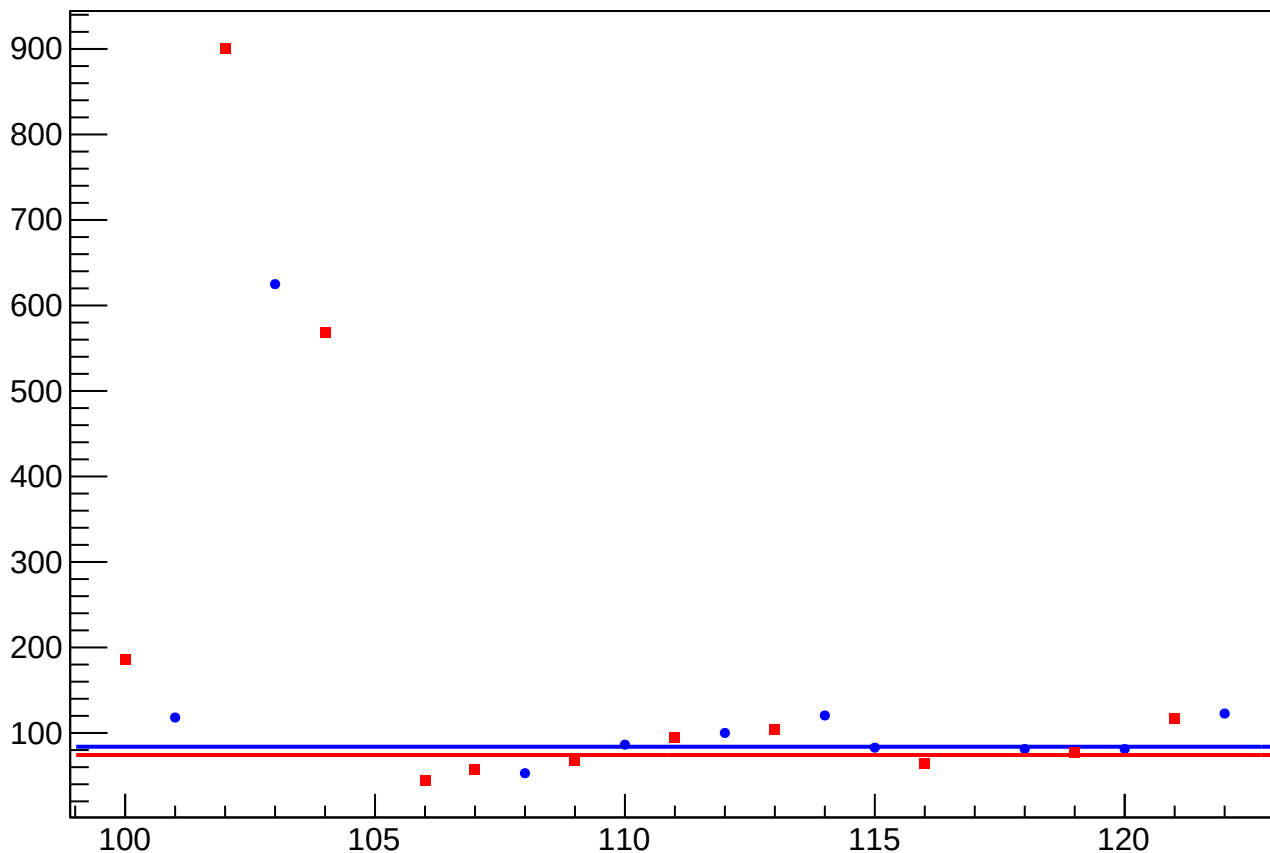
Right: -0.009+/-0.032 χ^2/NDF : 16.9/20

In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.032 χ^2/NDF : 16.9/20

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.896+/-0.033 χ^2/NDF : 1357451.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.231+/-0.031 χ^2/NDF : 2102267.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

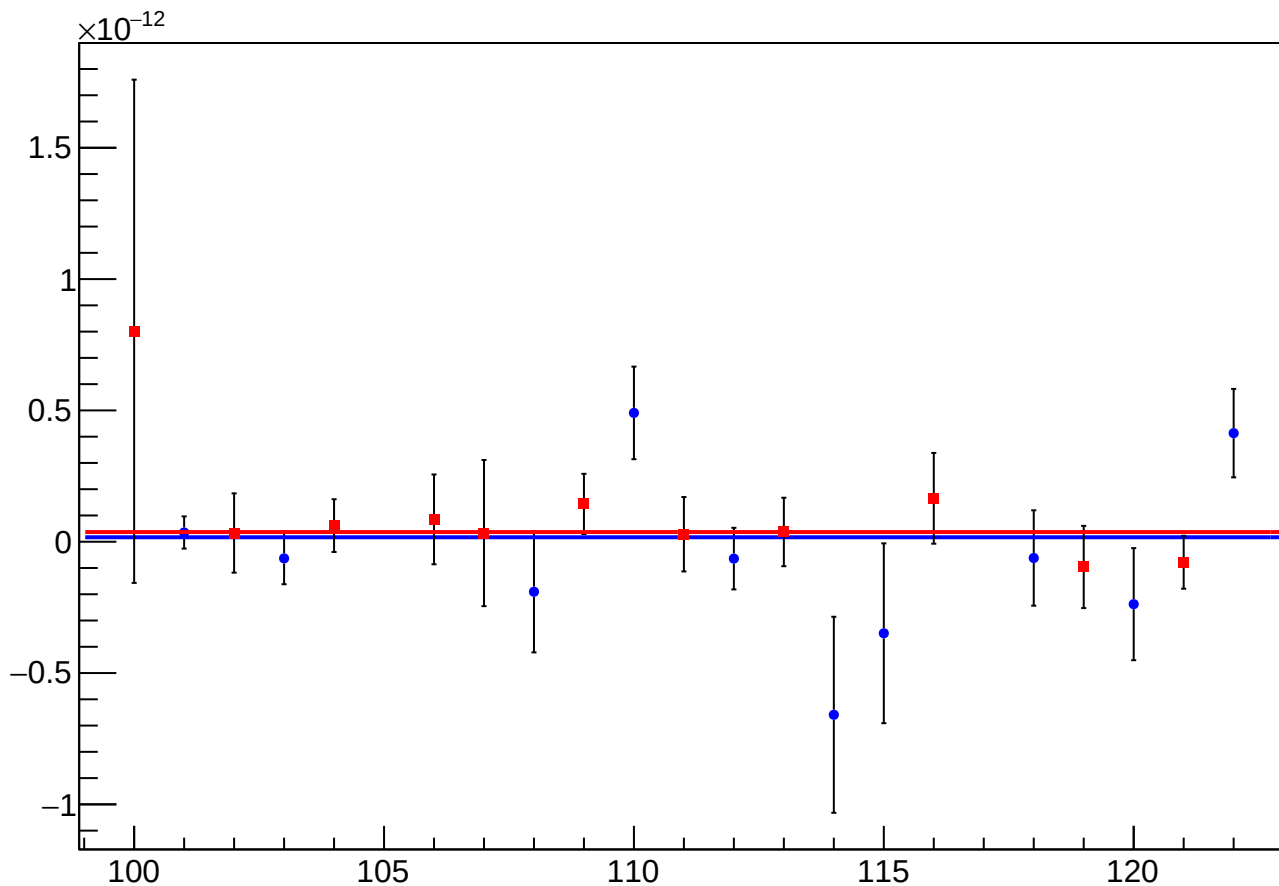
Right: 78.677+/-0.023 χ^2/NDF : 3504747.1/20

In: 83.896+/-0.033 χ^2/NDF : 1357451.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.677+/-0.023 χ^2/NDF : 3504747.1/20

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 : 20.8/9

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

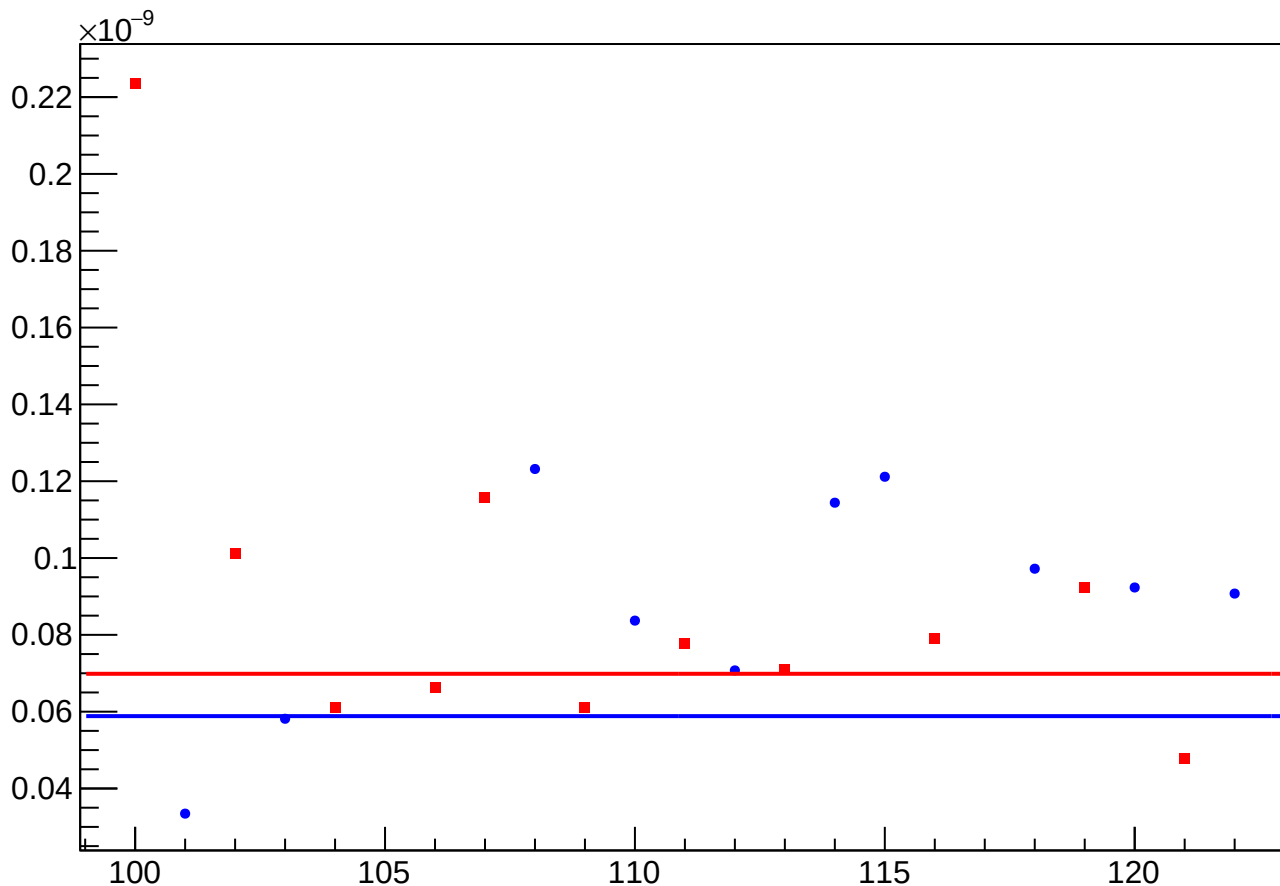
Right: 0.000+/-0.000 χ^2/NDF : 25.2/20

In: 0.000+/-0.000 χ^2/NDF : 20.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.2/20

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 : 879980.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 368368.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

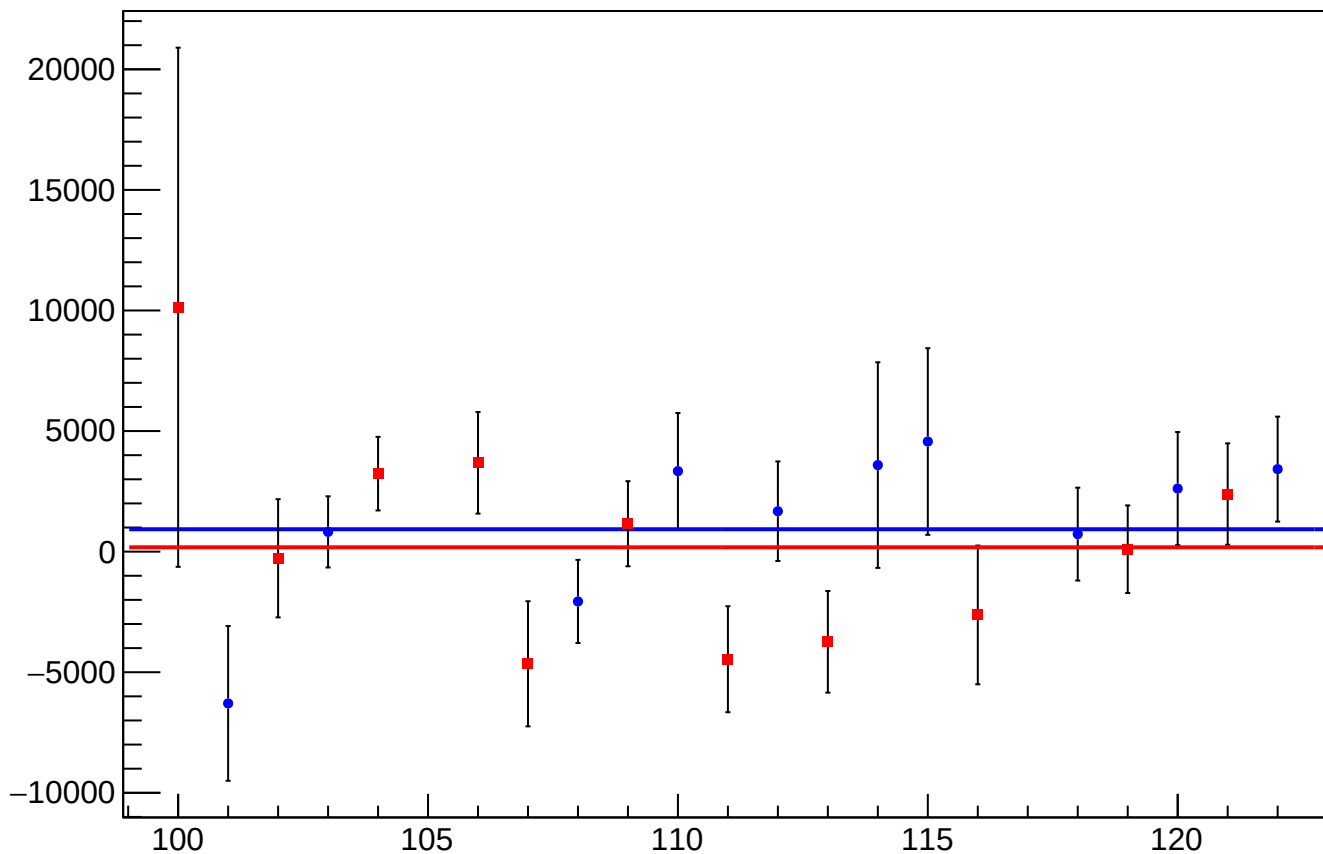
Right: 0.000+/-0.000 χ^2/NDF : 1317779.0/20

In: 0.000+/-0.000 χ^2/NDF : 879980.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1317779.0/20

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 928.543+/-692.675 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.987+/-647.844 χ^2/NDF : 21.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

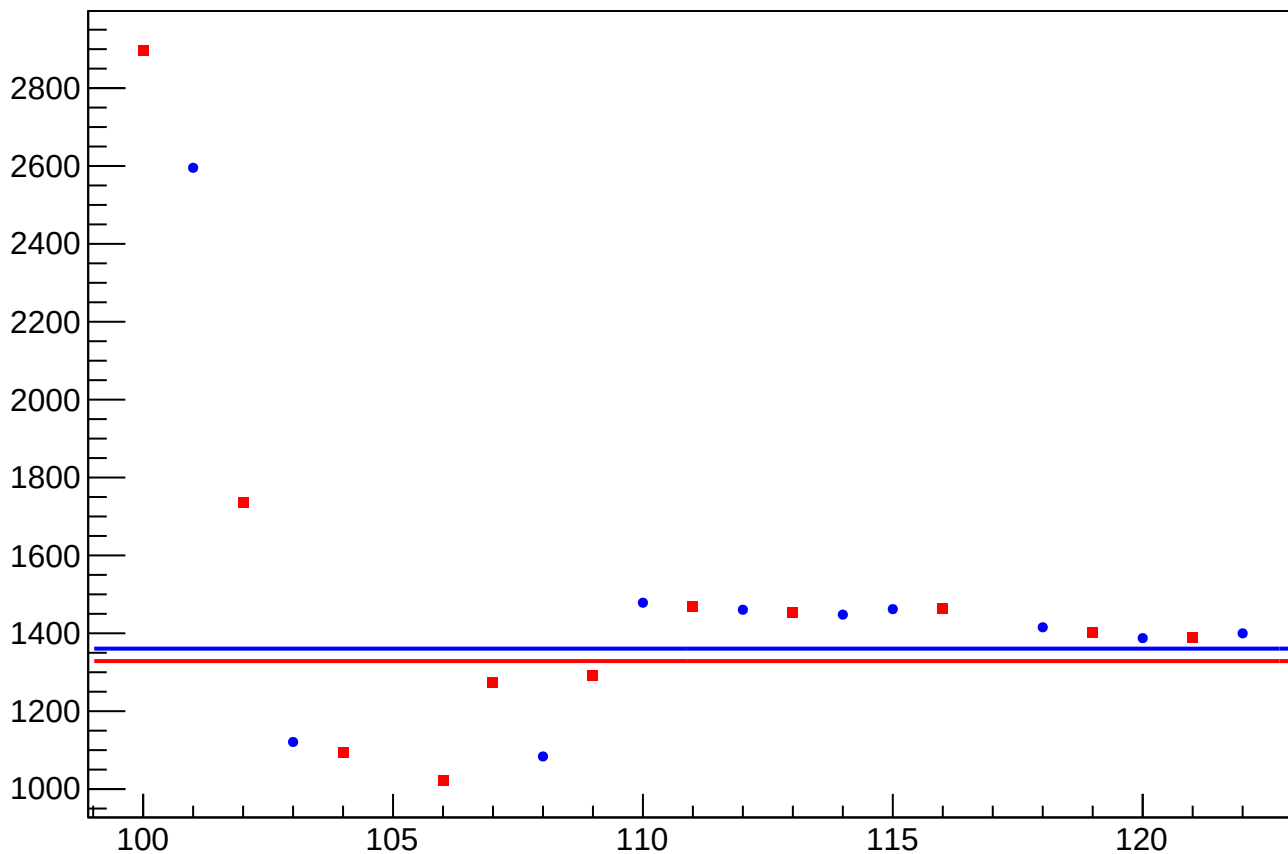
Right: 529.259+/-473.151 χ^2/NDF : 34.4/20

In: 928.543+/-692.675 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.259+/-473.151 χ^2/NDF : 34.4/20

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1360.642+/-0.490 χ^2/NDF : 414710.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1328.694+/-0.458 χ^2/NDF : 213394.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

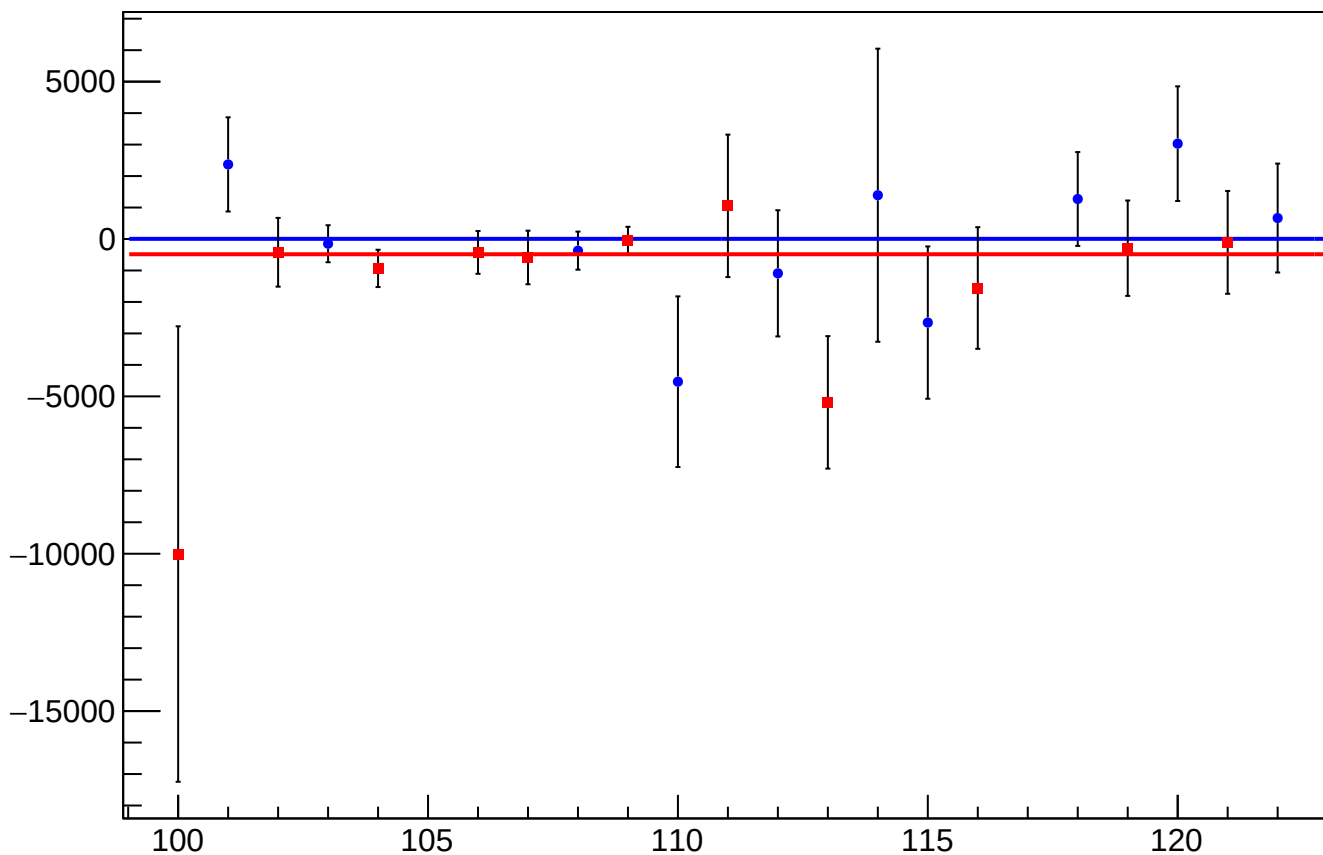
Right: 1343.601+/-0.335 χ^2/NDF : 630374.7/20

In: 1360.642+/-0.490 χ^2/NDF :414710.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1343.601+/-0.335 χ^2/NDF : 630374.7/20

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 5.468+/-358.972 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -484.199+/-267.772 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

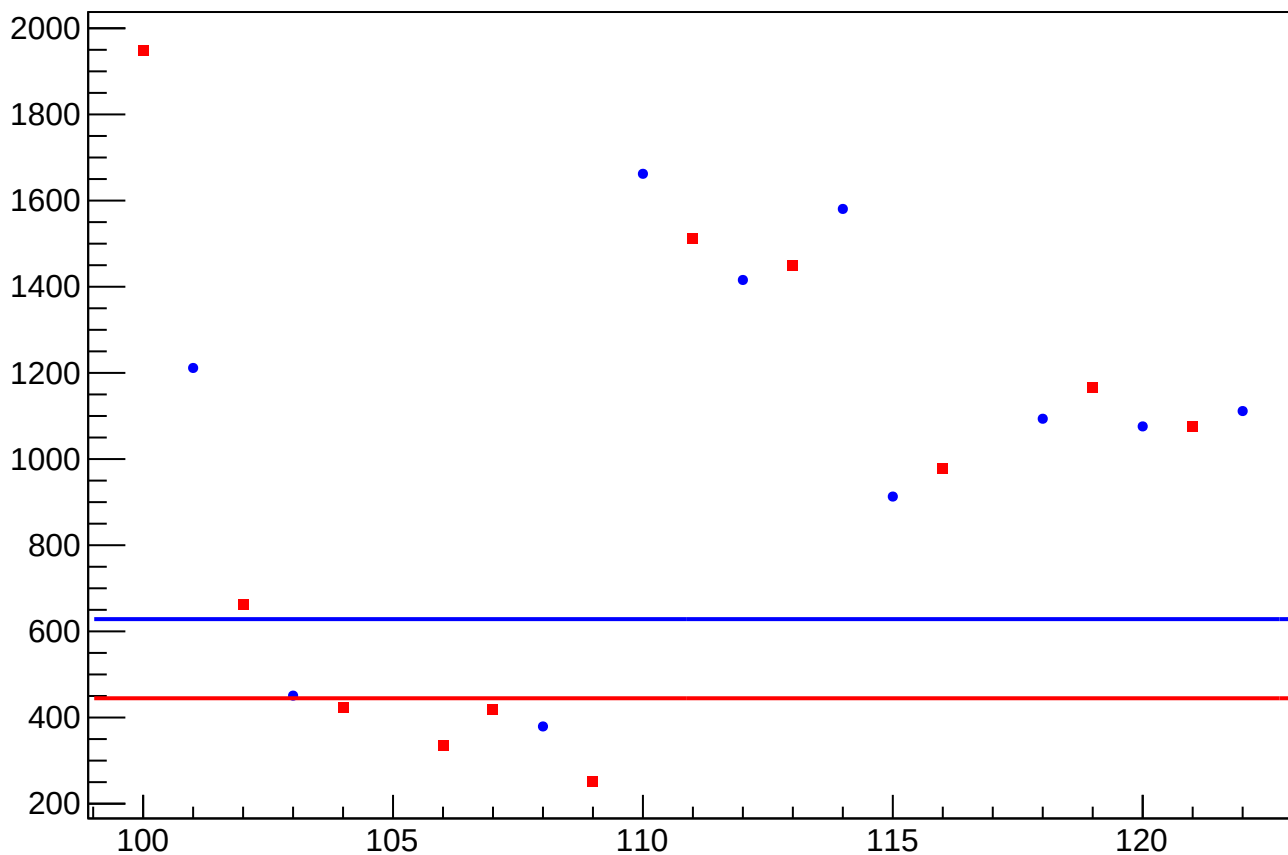
Right: -309.141+/-214.635 χ^2/NDF : 21.3/20

In: 5.468+/-358.972 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.141+/-214.635 χ^2/NDF : 21.3/20

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 628.437+/-0.254 χ^2/NDF : 2006963.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.737+/-0.189 χ^2/NDF : 2416570.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

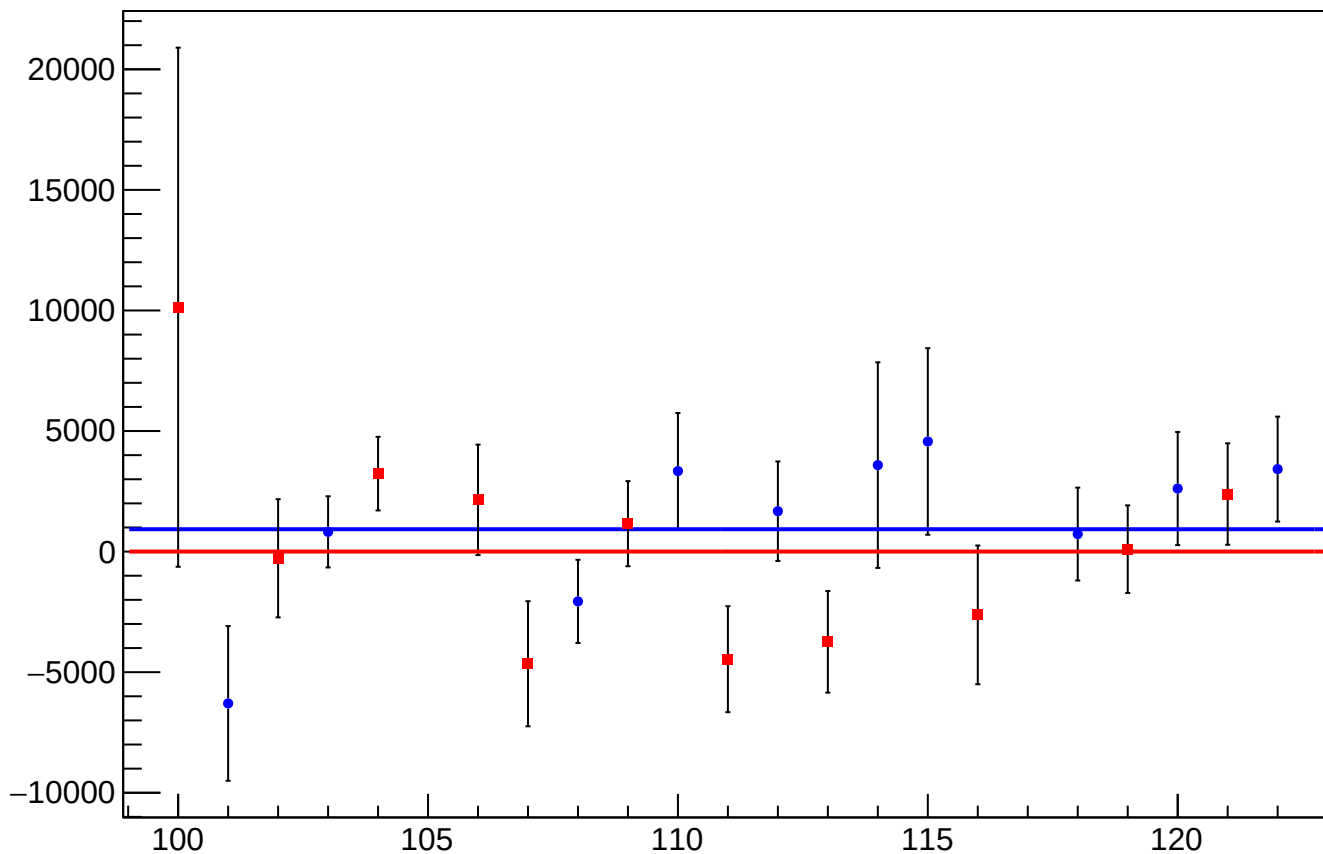
Right: 510.410+/-0.152 χ^2/NDF : 4760045.1/20

In: 628.437+/-0.254 χ^2/NDF : 2006963.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.410+/-0.152 χ^2/NDF : 4760045.1/20

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 928.365+/-692.675 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.647+/-652.642 χ^2/NDF : 19.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

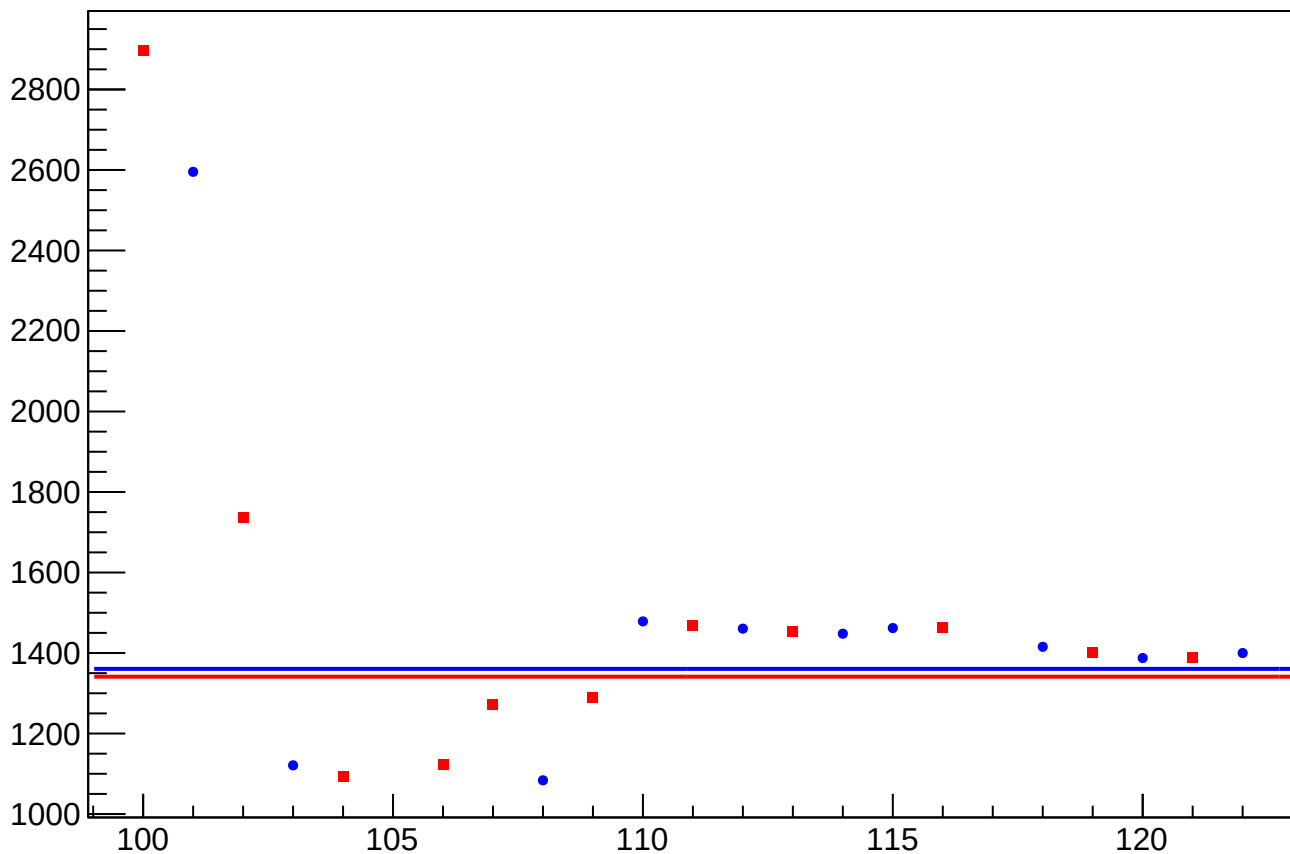
Right: 437.983+/-475.010 χ^2/NDF : 32.6/20

In: 928.365+/-692.675 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.983+/-475.010 χ^2/NDF : 32.6/20

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1360.642 $\pm$ 0.490 χ^2 /NDF: 414710.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1341.297 $\pm$ 0.461 χ^2 /NDF: 186721.8/10

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

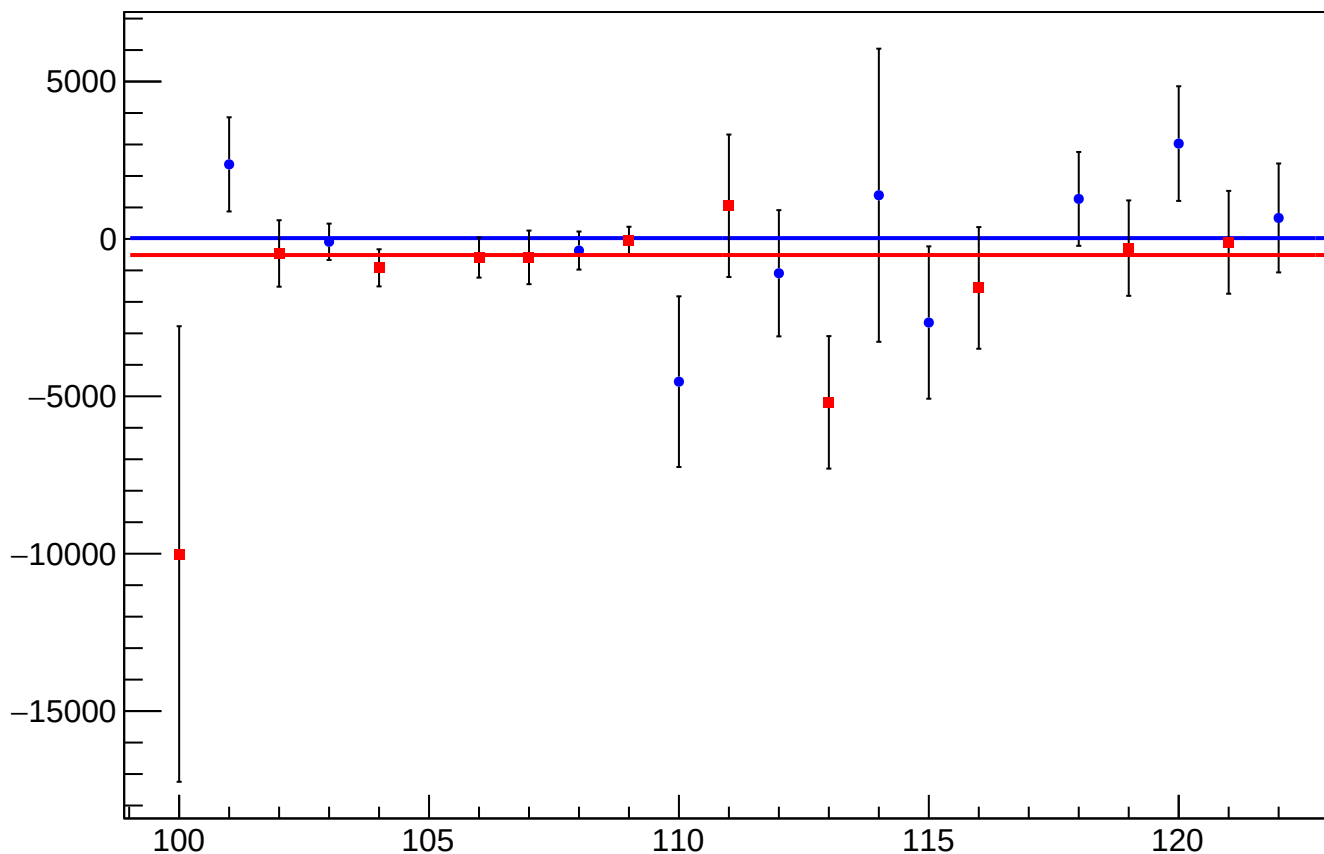
Right: 1350.394 $\pm$ 0.336 χ^2 /NDF: 602258.9/20

In: 1360.642 $\pm$ 0.490 χ^2 /NDF:414710.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1350.394 $\pm$ 0.336 χ^2 /NDF: 602258.9/20

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 26.022+/-356.381 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -511.723+/-264.194 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

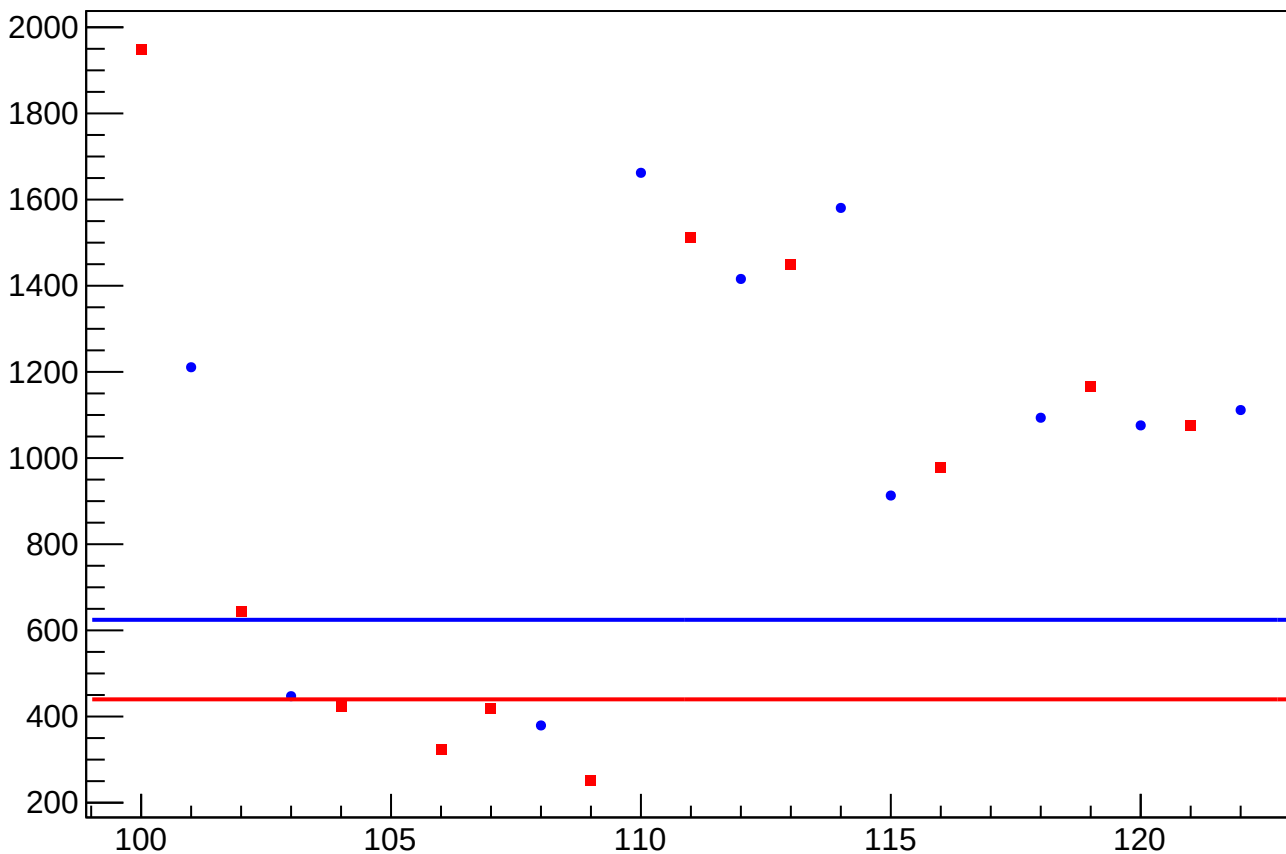
Right: -321.009+/-212.236 χ^2/NDF : 21.5/20

In: 26.022+/-356.381 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.009+/-212.236 χ^2/NDF : 21.5/20

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 624.516+/-0.252 χ^2/NDF : 2021221.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.884+/-0.187 χ^2/NDF : 2427392.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

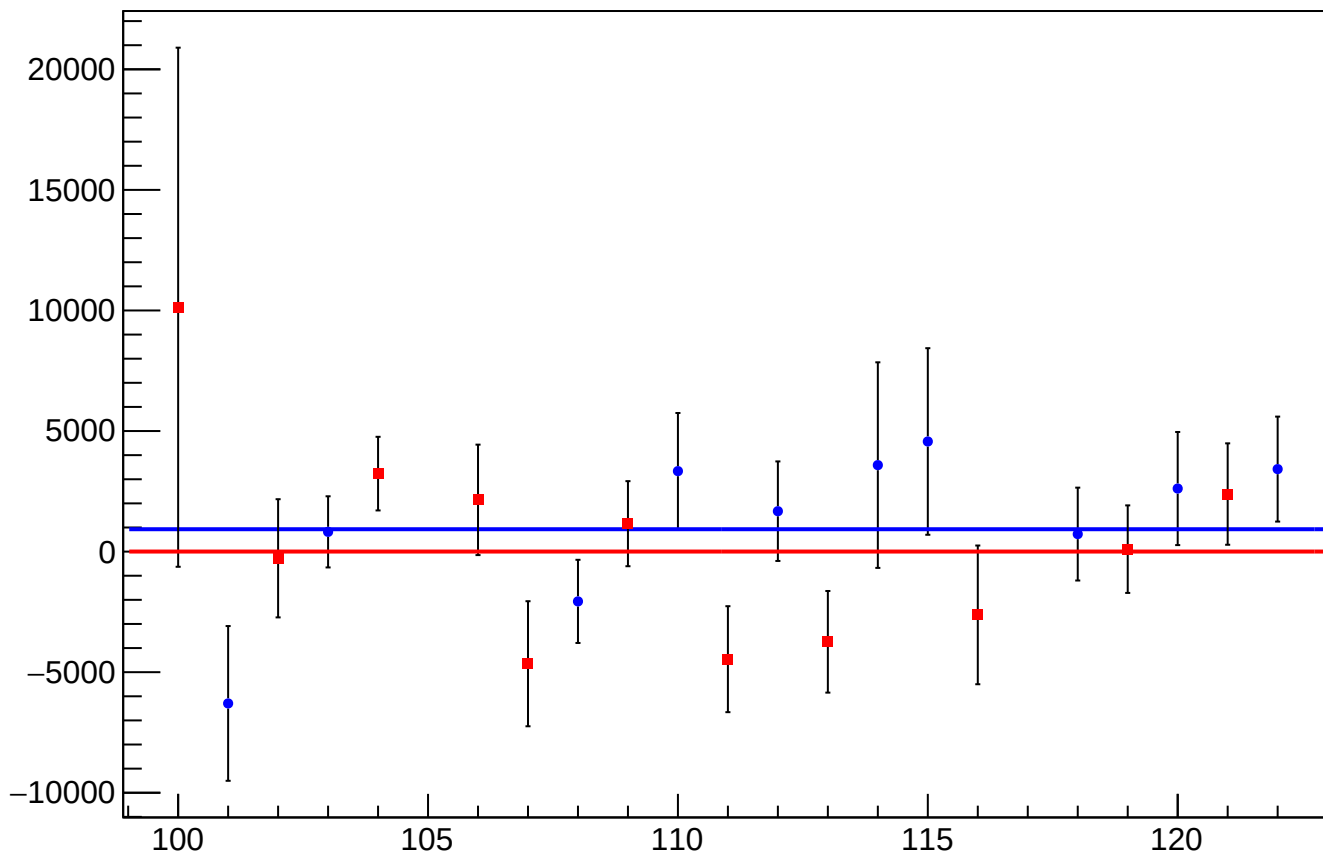
Right: 505.365+/-0.150 χ^2/NDF : 4795033.8/20

In: 624.516+/-0.252 χ^2/NDF : 2021221.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.365+/-0.150 χ^2/NDF : 4795033.8/20

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 928.365+/-692.675 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.647+/-652.642 χ^2/NDF : 19.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

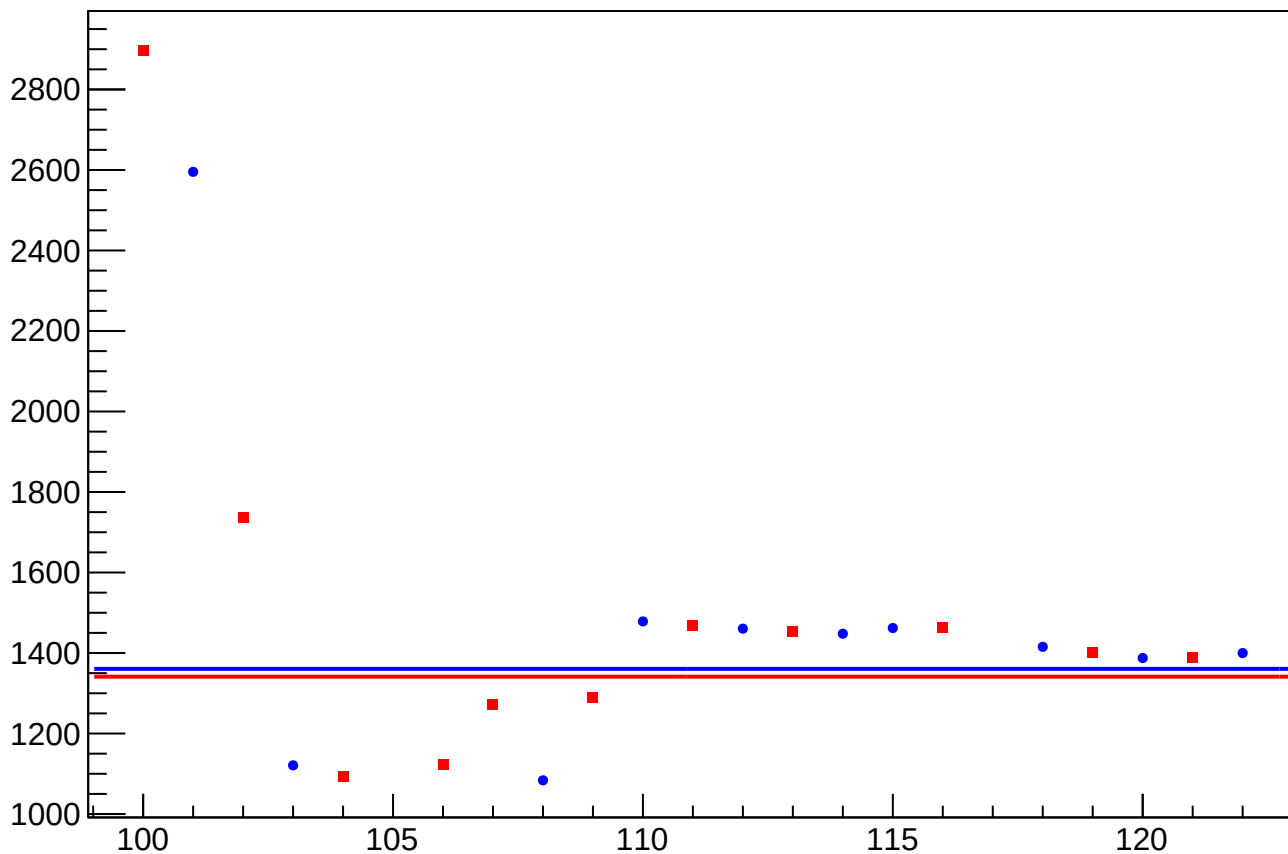
Right: 437.983+/-475.010 χ^2/NDF : 32.6/20

In: 928.365+/-692.675 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.983+/-475.010 χ^2/NDF : 32.6/20

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1360.642+/-0.490 χ^2/NDF : 414710.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1341.297+/-0.461 χ^2/NDF : 186721.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

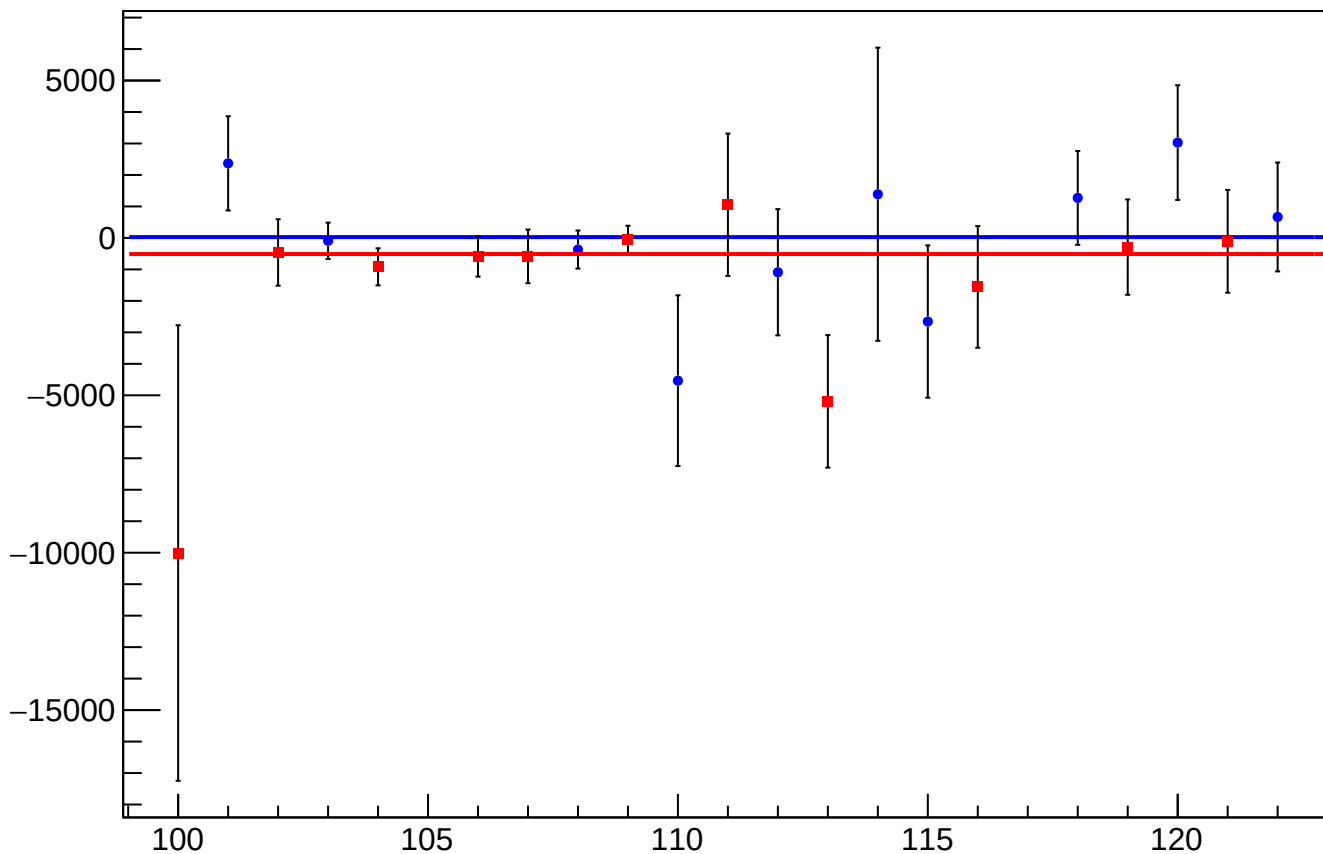
Right: 1350.394+/-0.336 χ^2/NDF : 602258.9/20

In: 1360.642+/-0.490 χ^2/NDF :414710.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1350.394+/-0.336 χ^2/NDF : 602258.9/20

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 26.022+/-356.381 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -511.723+/-264.194 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

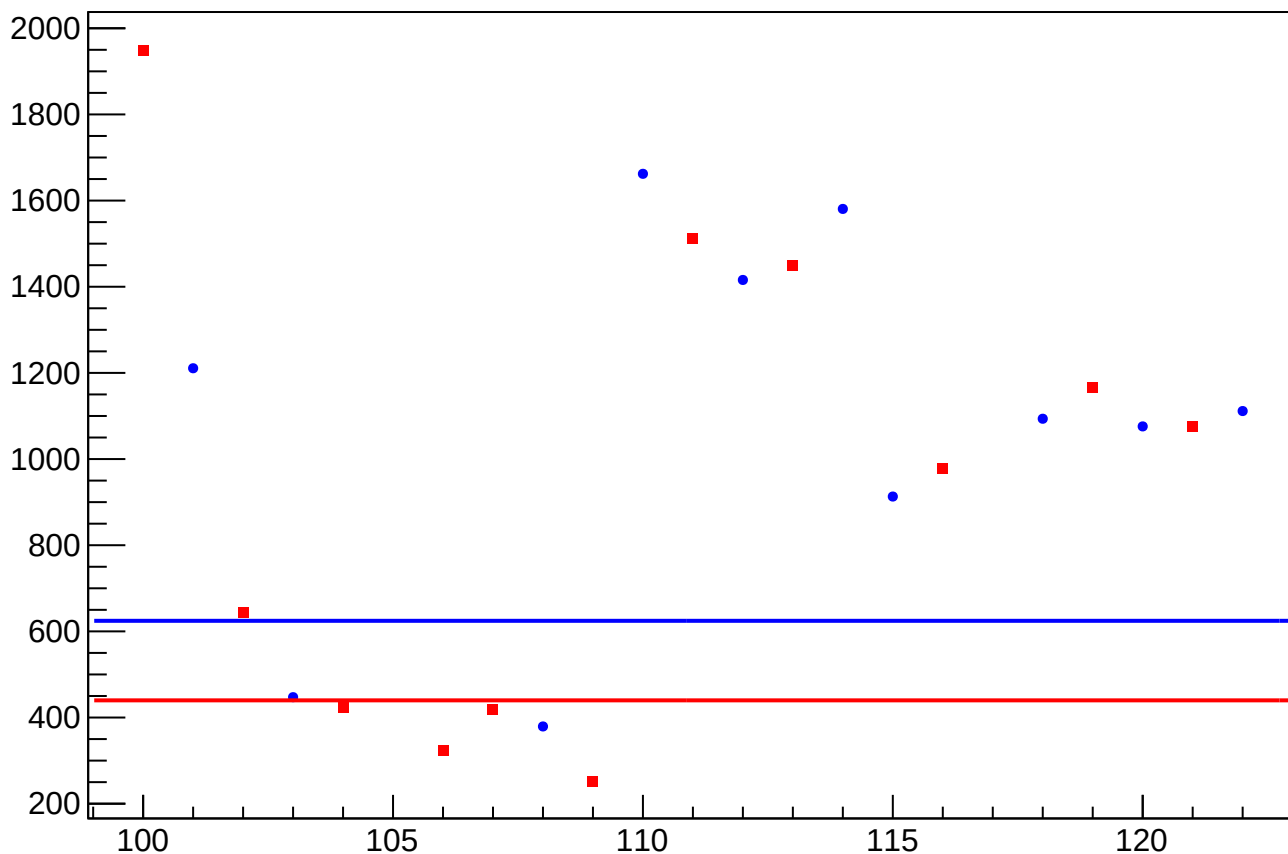
Right: -321.009+/-212.236 χ^2/NDF : 21.5/20

In: 26.022+/-356.381 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.009+/-212.236 χ^2/NDF : 21.5/20

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 624.516+/-0.252 χ^2/NDF : 2021221.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.884+/-0.187 χ^2/NDF : 2427392.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

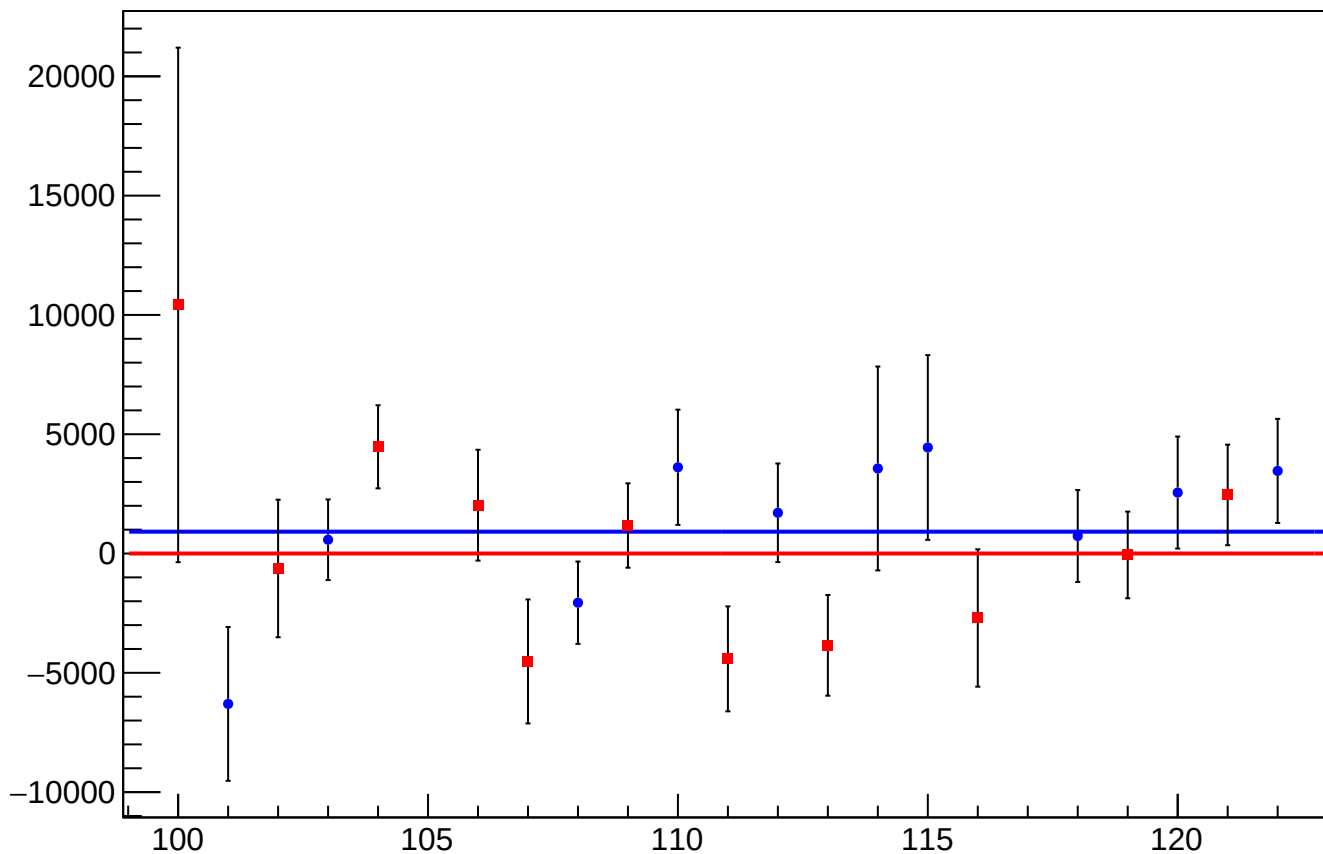
Right: 505.365+/-0.150 χ^2/NDF : 4795033.8/20

In: 624.516+/-0.252 χ^2/NDF : 2021221.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.365+/-0.150 χ^2/NDF : 4795033.8/20

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 915.739+/-712.341 χ^2/NDF : 12.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.160+/-675.435 χ^2/NDF : 21.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

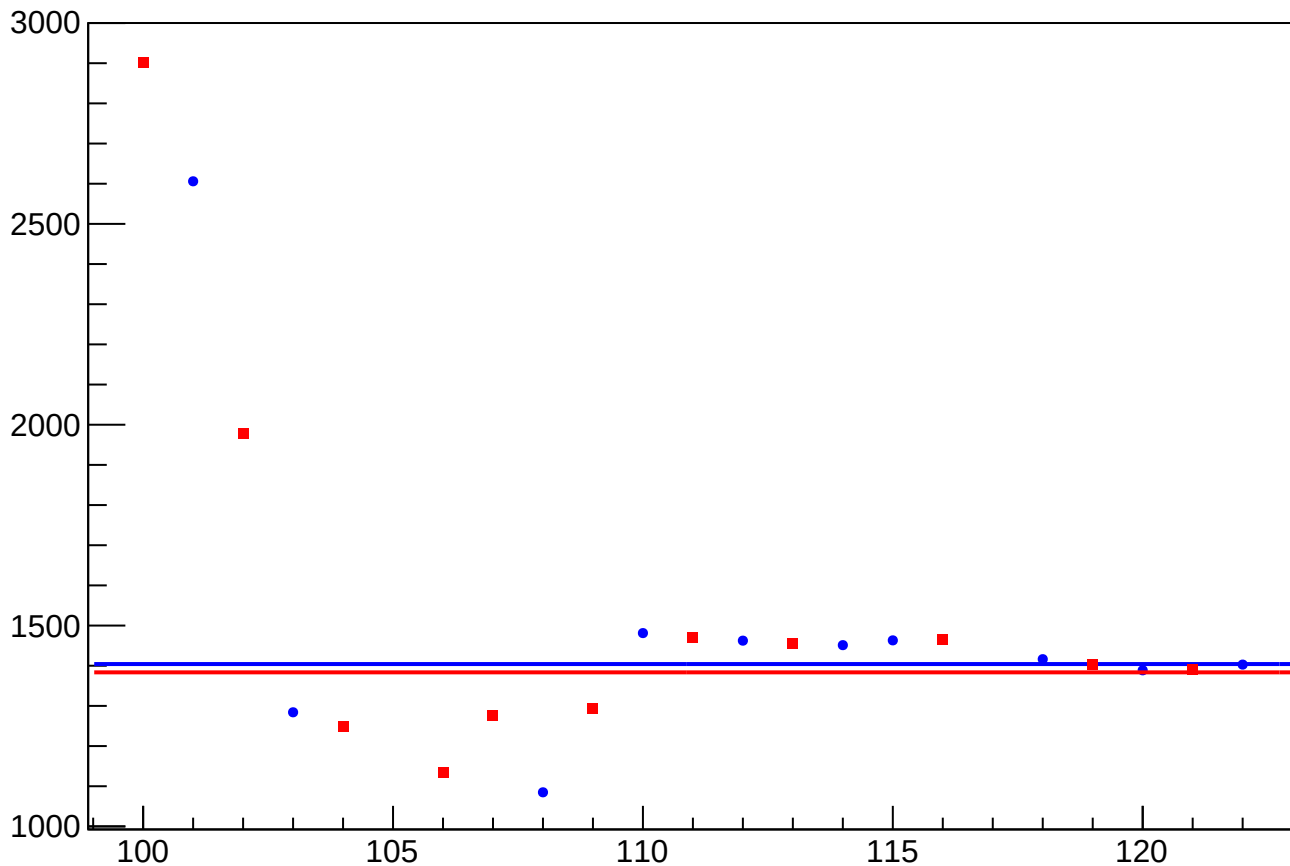
Right: 434.145+/-490.133 χ^2/NDF : 34.8/20

In: 915.739+/-712.341 χ^2/NDF : 12.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.145+/-490.133 χ^2/NDF : 34.8/20

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1404.185+/-0.504 χ^2/NDF : 361246.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1383.515+/-0.478 χ^2/NDF : 175974.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

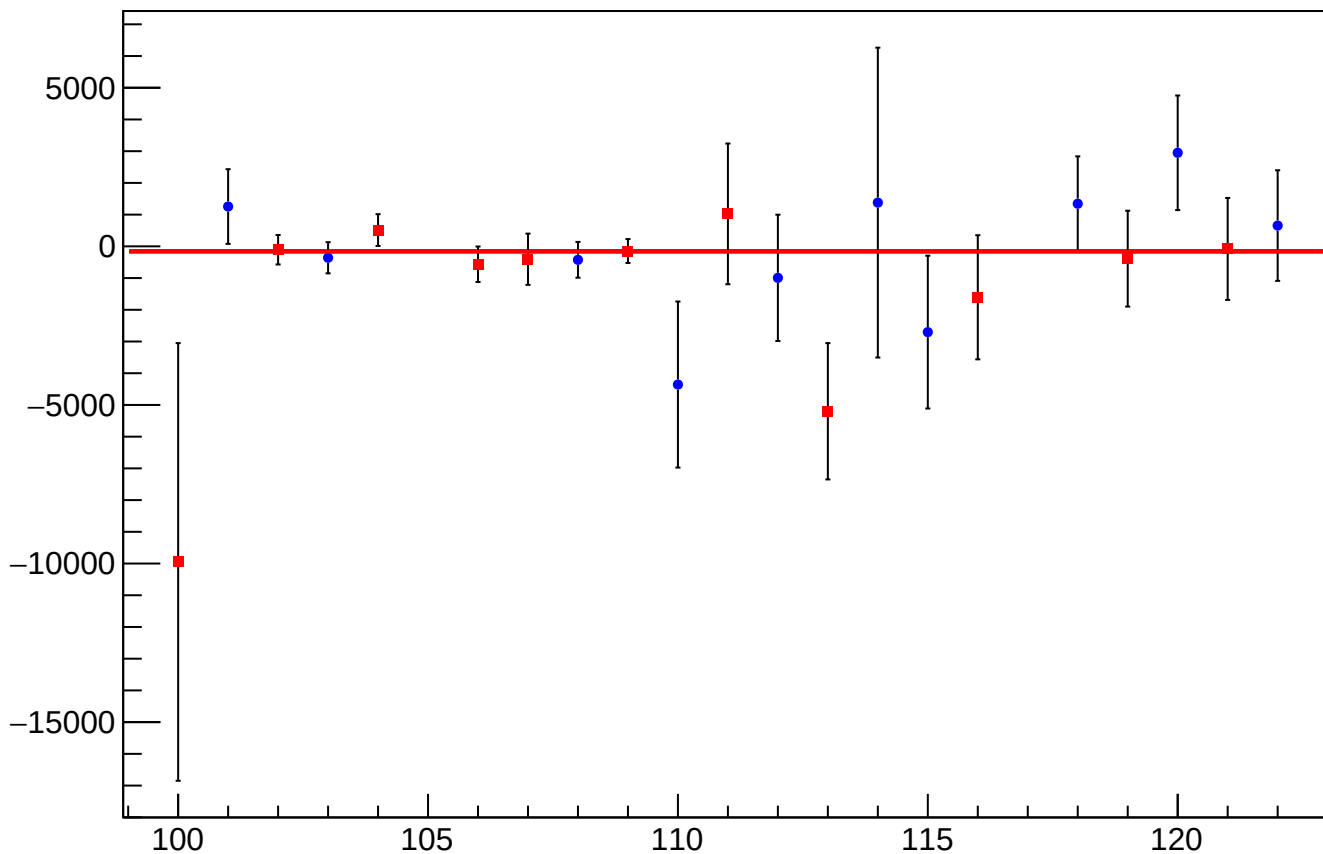
Right: 1393.300+/-0.347 χ^2/NDF : 538107.1/20

In: 1404.185+/-0.504 χ^2/NDF :361246.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1393.300+/-0.347 χ^2/NDF : 538107.1/20

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.664+/-321.096 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -167.303+/-213.499 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

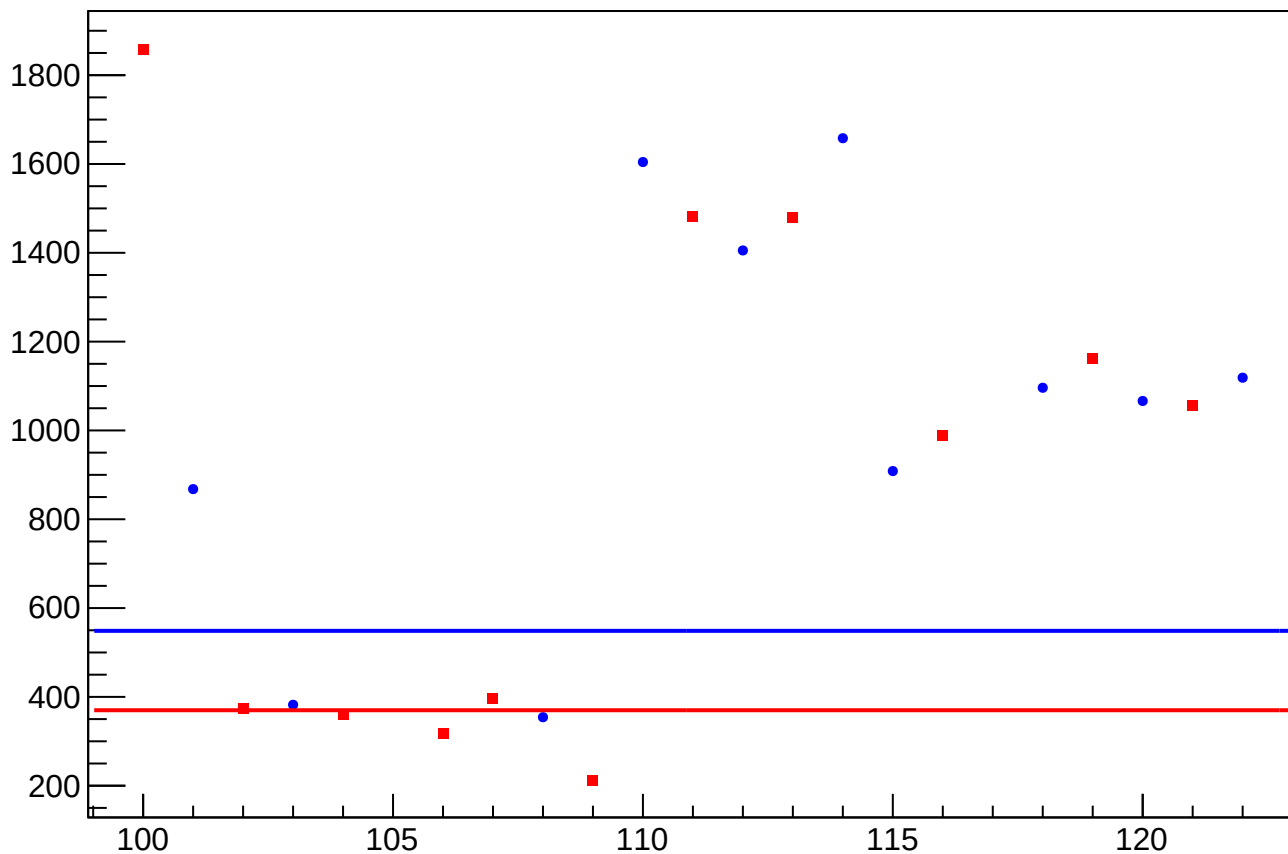
Right: -163.122+/-177.786 χ^2/NDF : 20.8/20

In: -153.664+/-321.096 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.122+/-177.786 χ^2/NDF : 20.8/20

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 548.732+/-0.227 χ^2/NDF : 2104147.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 369.949+/-0.151 χ^2/NDF : 2618715.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

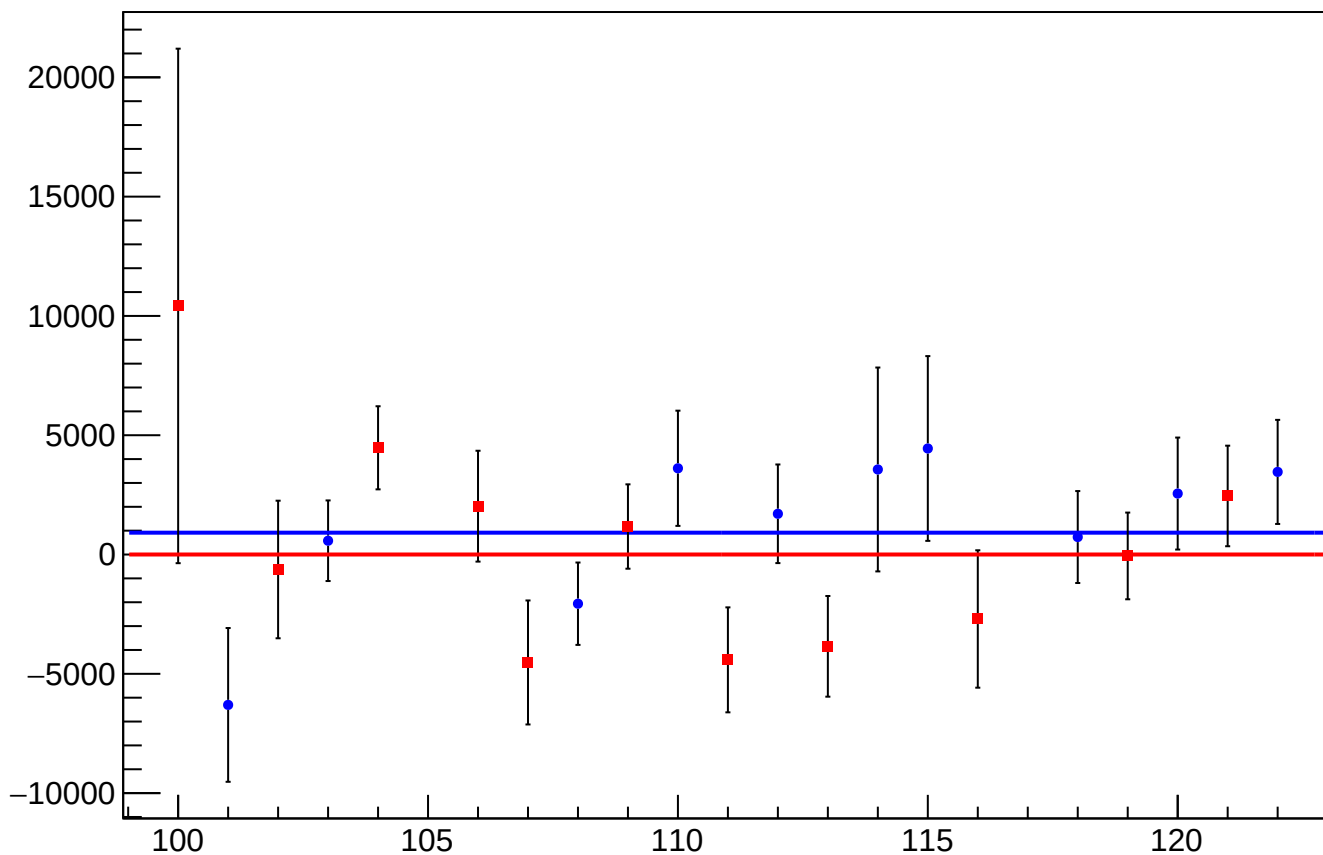
Right: 424.758+/-0.126 χ^2/NDF : 5152810.6/20

In: 548.732+/-0.227 χ^2/NDF :2104147.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 424.758+/-0.126 χ^2/NDF : 5152810.6/20

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 915.734+/-712.341 χ^2/NDF : 12.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.156+/-675.435 χ^2/NDF : 21.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

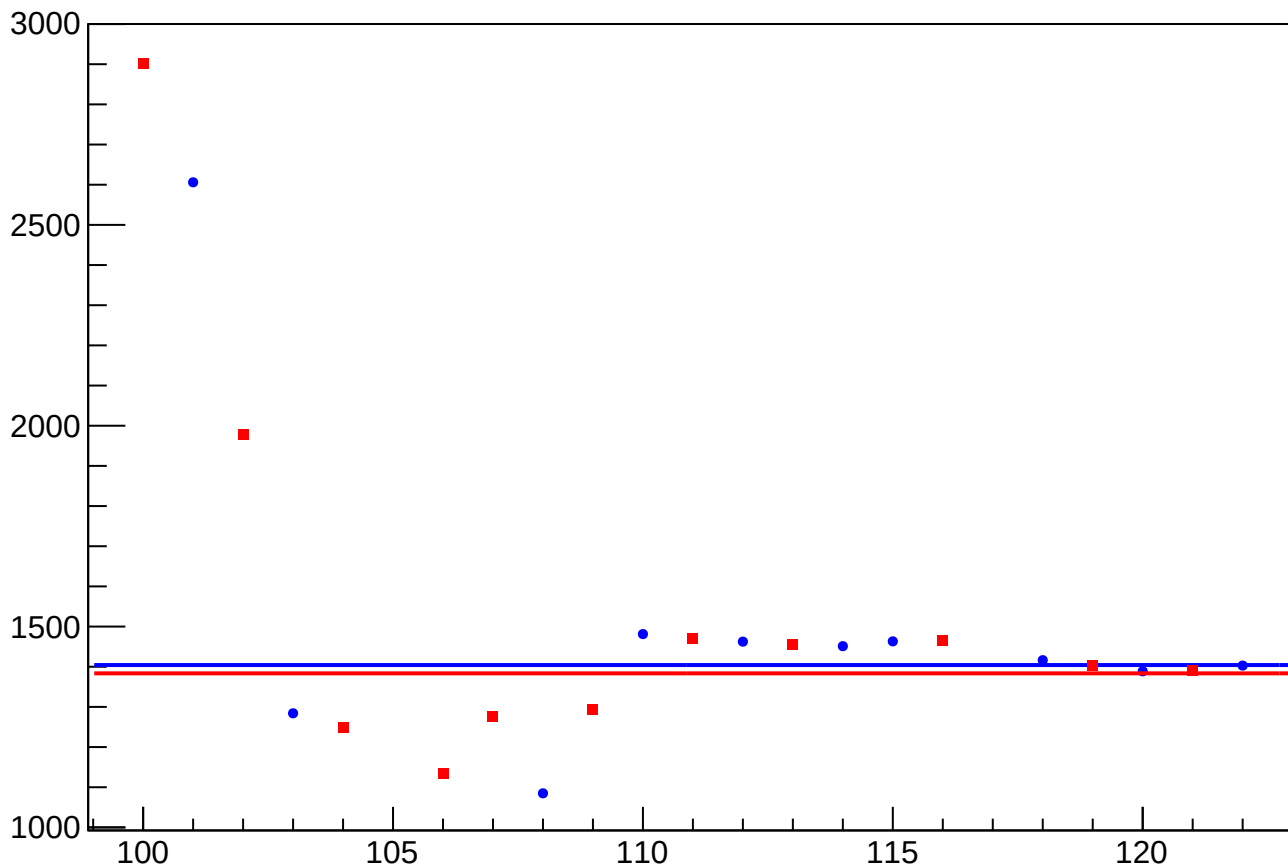
Right: 434.140+/-490.133 χ^2/NDF : 34.8/20

In: 915.734+/-712.341 χ^2/NDF : 12.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.140+/-490.133 χ^2/NDF : 34.8/20

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1404.185+/-0.504 χ^2/NDF : 361245.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.515+/-0.478 χ^2/NDF : 175974.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

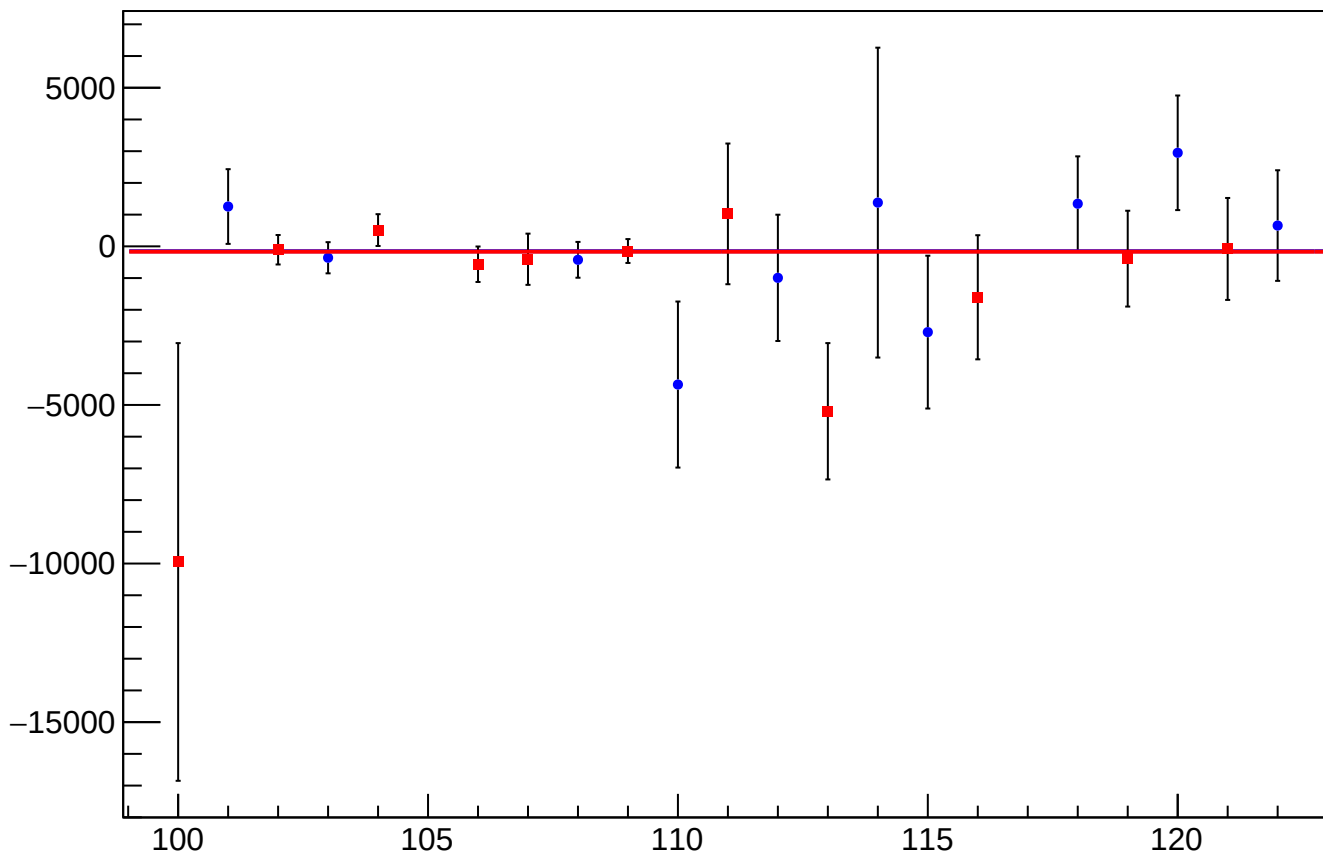
Right: 1393.300+/-0.347 χ^2/NDF : 538106.7/20

In: 1404.185+/-0.504 χ^2/NDF : 361245.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1393.300+/-0.347 χ^2/NDF : 538106.7/20

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.674 ± 321.091 χ^2/NDF : 10.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -167.297 ± 213.501 χ^2/NDF : 10.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

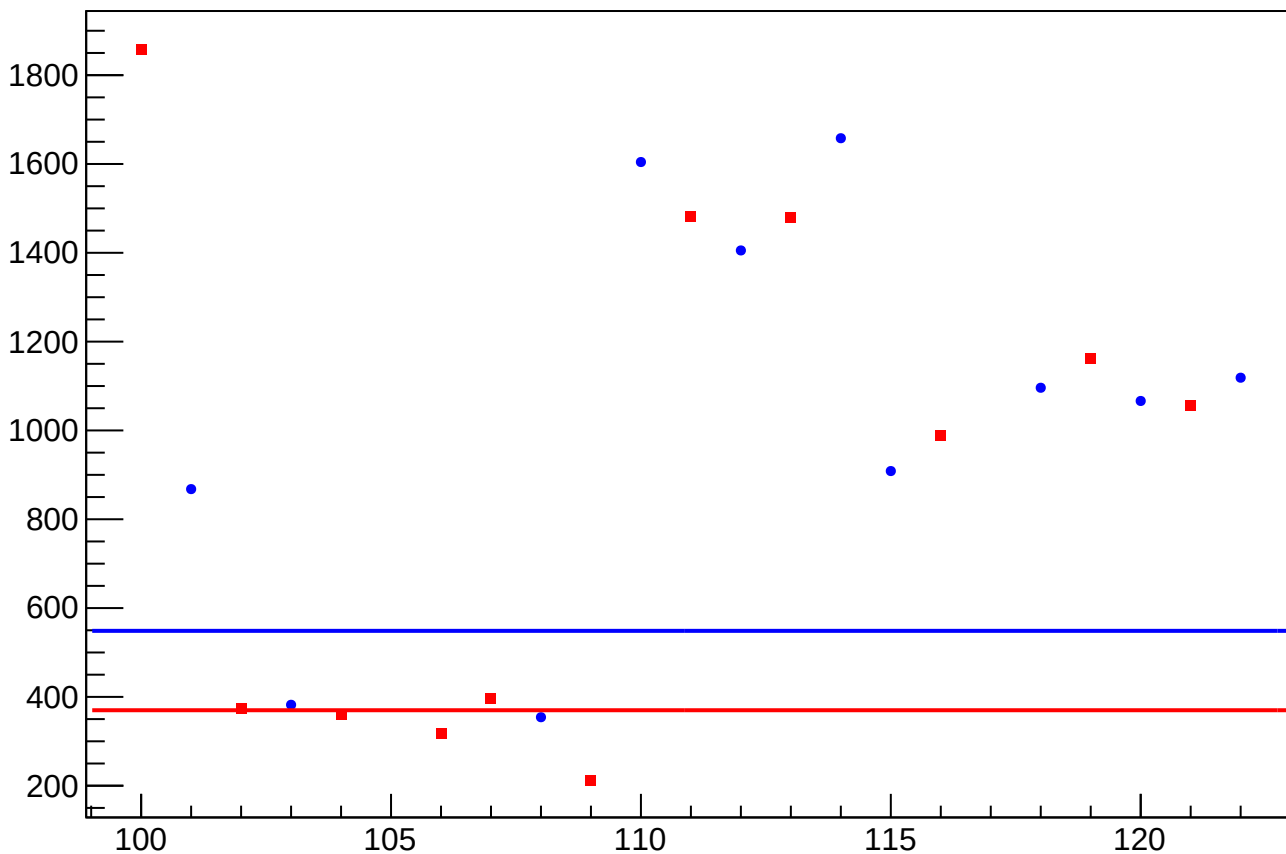
Right: -163.121 ± 177.786 χ^2/NDF : 20.8/20

In: -153.674 ± 321.091 χ^2/NDF : 10.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -163.121 ± 177.786 χ^2/NDF : 20.8/20

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 548.722+/-0.227 χ^2/NDF : 2104197.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 369.953+/-0.151 χ^2/NDF : 2618654.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

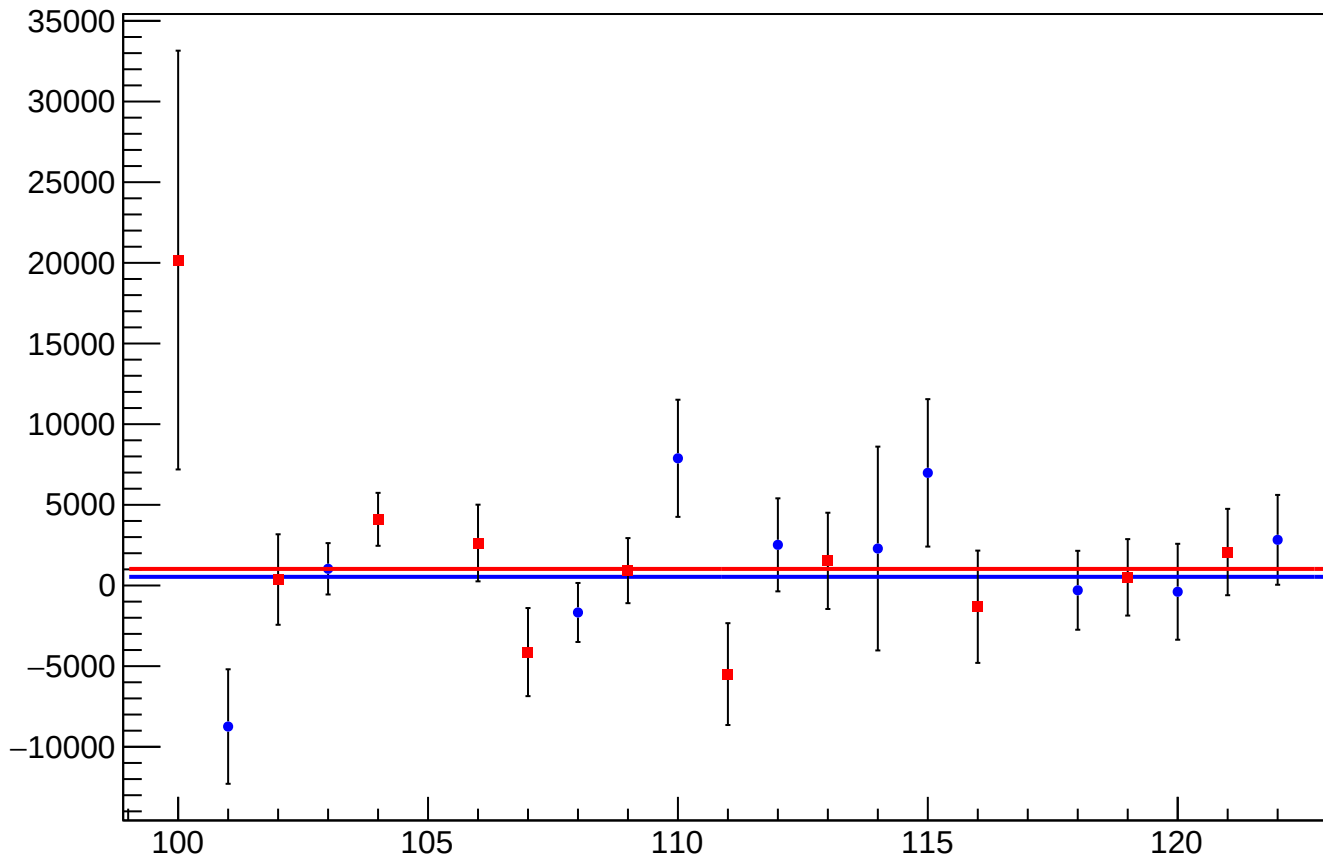
Right: 424.760+/-0.126 χ^2/NDF : 5152738.8/20

In: 548.722+/-0.227 χ^2/NDF :2104197.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 424.760+/-0.126 χ^2/NDF : 5152738.8/20

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 536.503 $\pm$ 830.171 χ^2 /NDF: 15.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1027.450 $\pm$ 772.832 χ^2 /NDF: 14.7/10

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

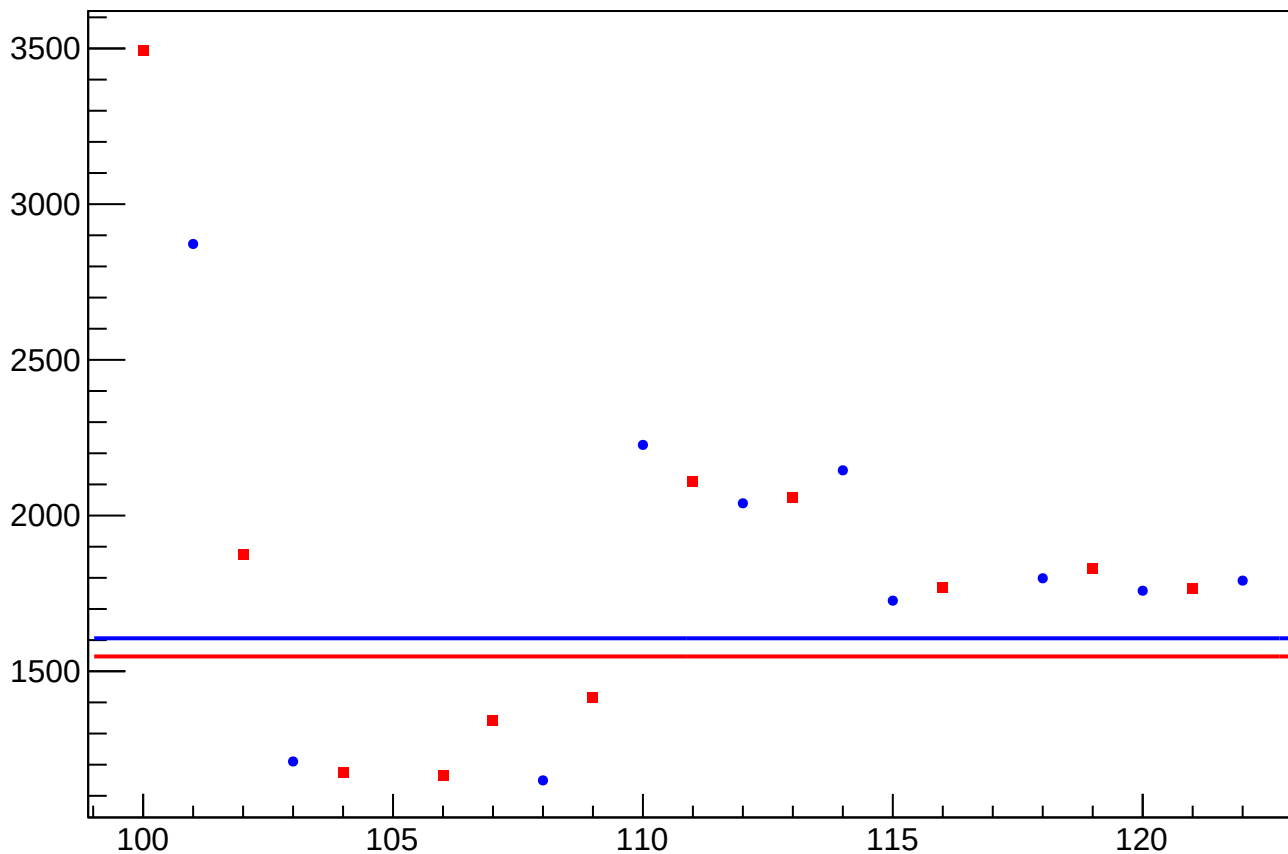
Right: 799.515 $\pm$ 565.660 χ^2 /NDF: 30.8/20

In: 536.503 $\pm$ 830.171 χ^2 /NDF:15.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 799.515 $\pm$ 565.660 χ^2 /NDF: 30.8/20

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1605.857 $\pm$ 0.587 χ^2 /NDF: 648776.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1547.578 $\pm$ 0.546 χ^2 /NDF: 418160.9/10

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

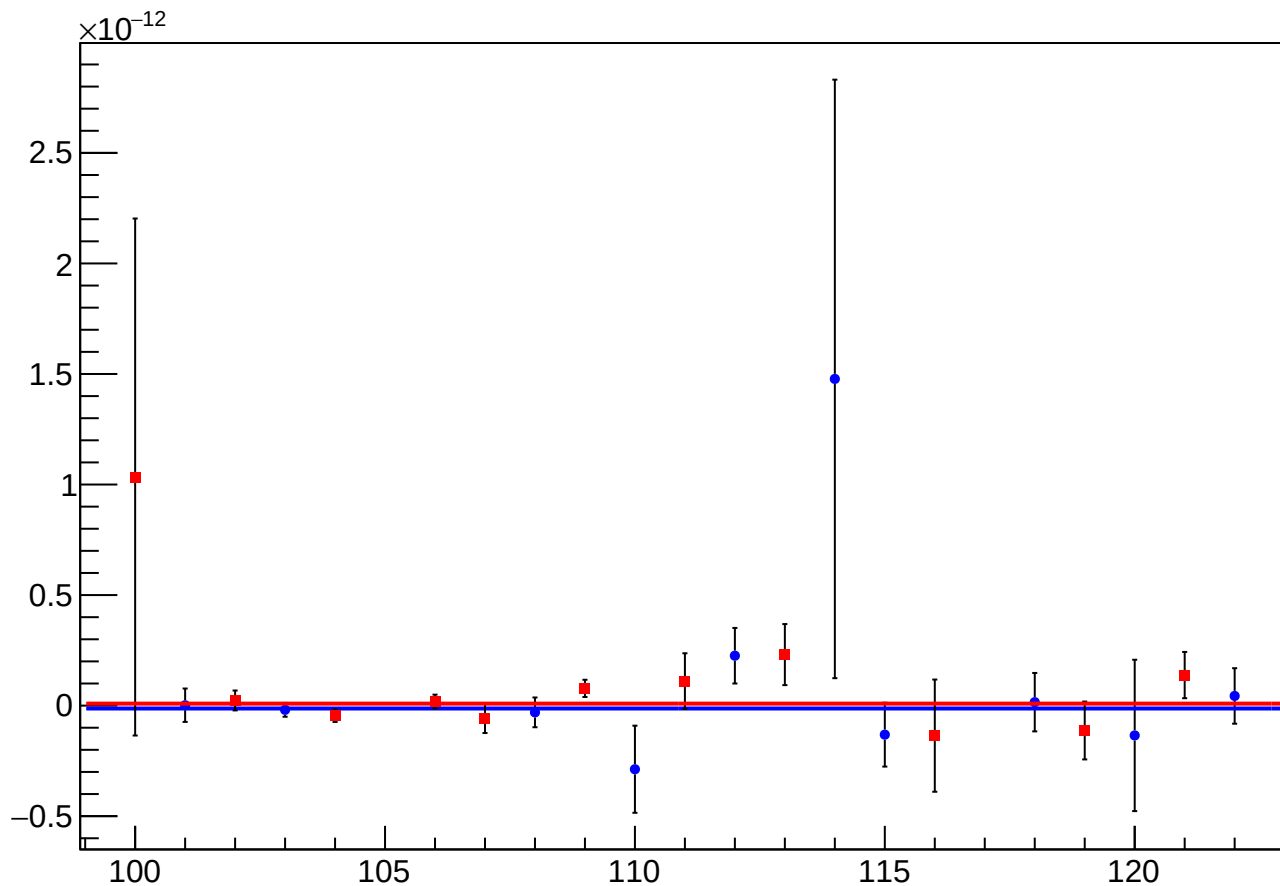
Right: 1574.635 $\pm$ 0.400 χ^2 /NDF: 1072217.6/20

In: 1605.857 $\pm$ 0.587 χ^2 /NDF:648776.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1574.635 $\pm$ 0.400 χ^2 /NDF: 1072217.6/20

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.0/9

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

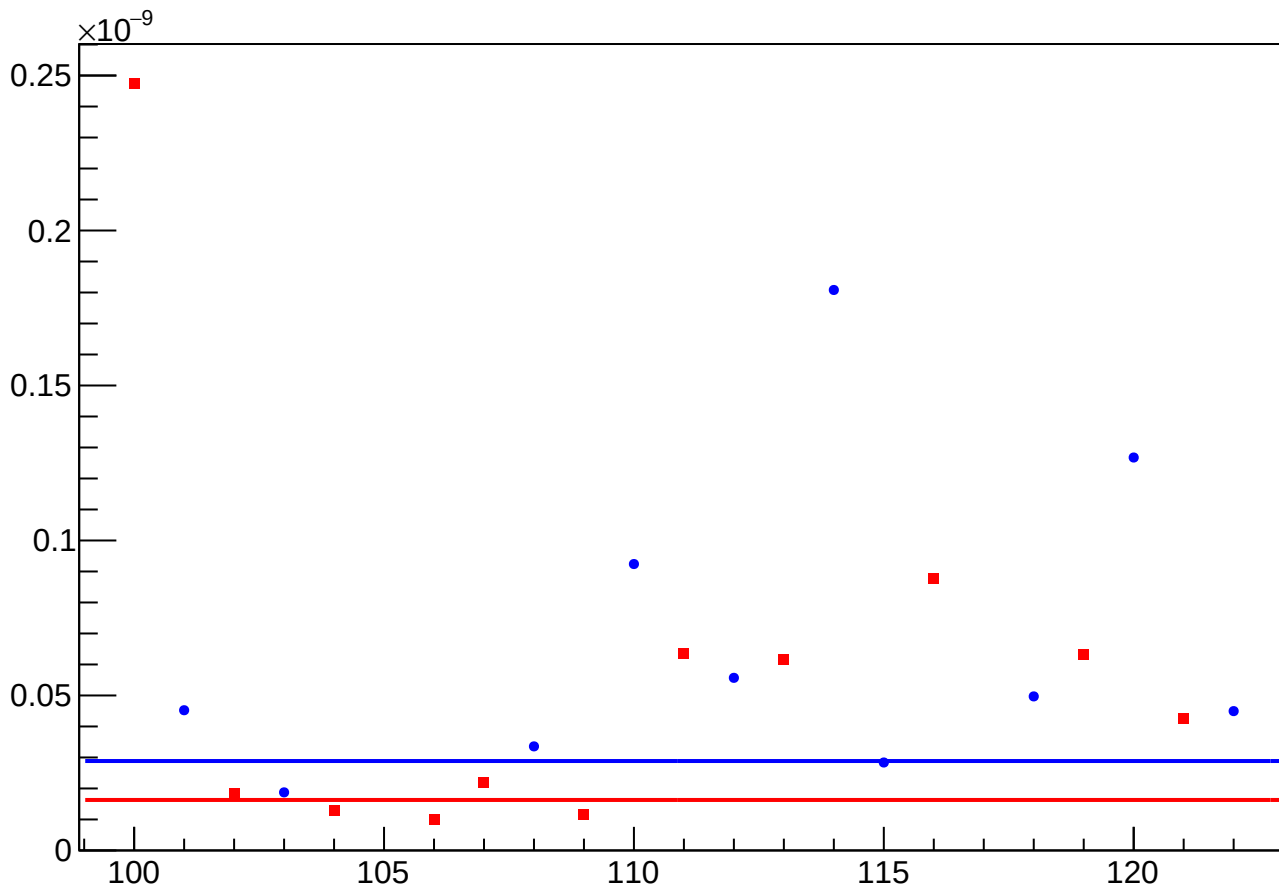
Right: 0.000+/-0.000 χ^2/NDF : 23.3/20

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 : 23.3/20

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 884524.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1281364.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

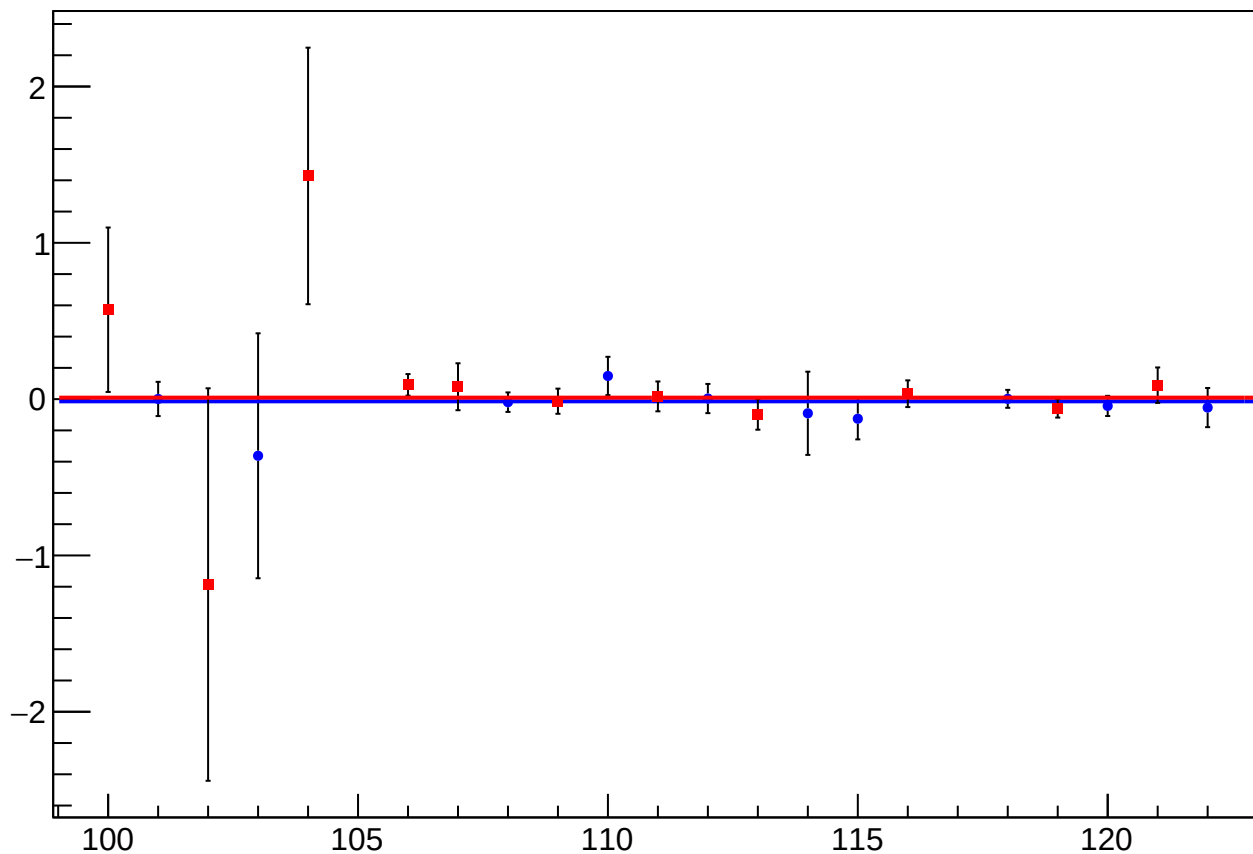
Right: 0.000+/-0.000 χ^2/NDF : 2539581.9/20

In: 0.000+/-0.000 χ^2/NDF :884524.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2539581.9/20

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: 0.010+/-0.030 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

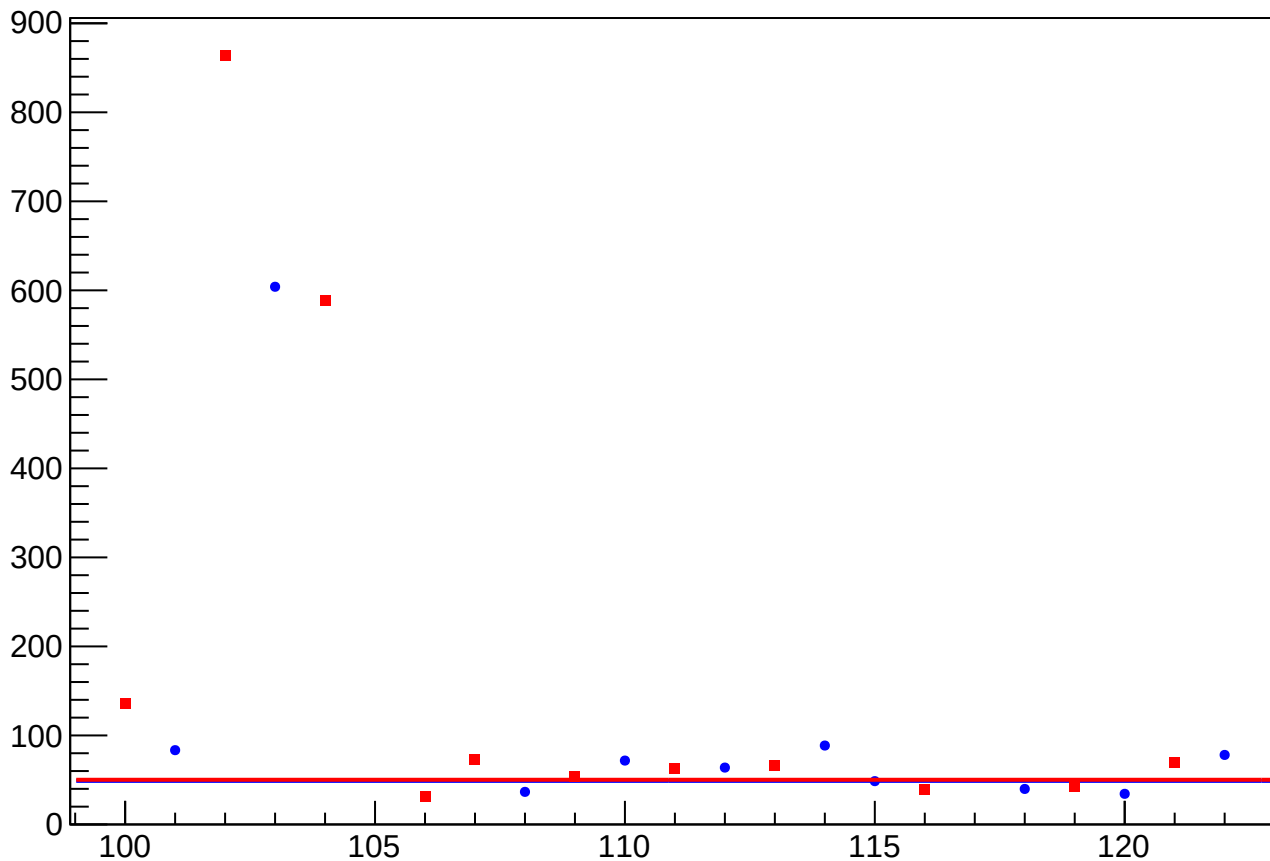
Right: -0.003+/-0.021 χ^2/NDF : 13.4/20

In: -0.014+/-0.029 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.021 χ^2/NDF : 13.4/20

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.948+/-0.020 χ^2/NDF : 1705127.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.196+/-0.021 χ^2/NDF : 2164434.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

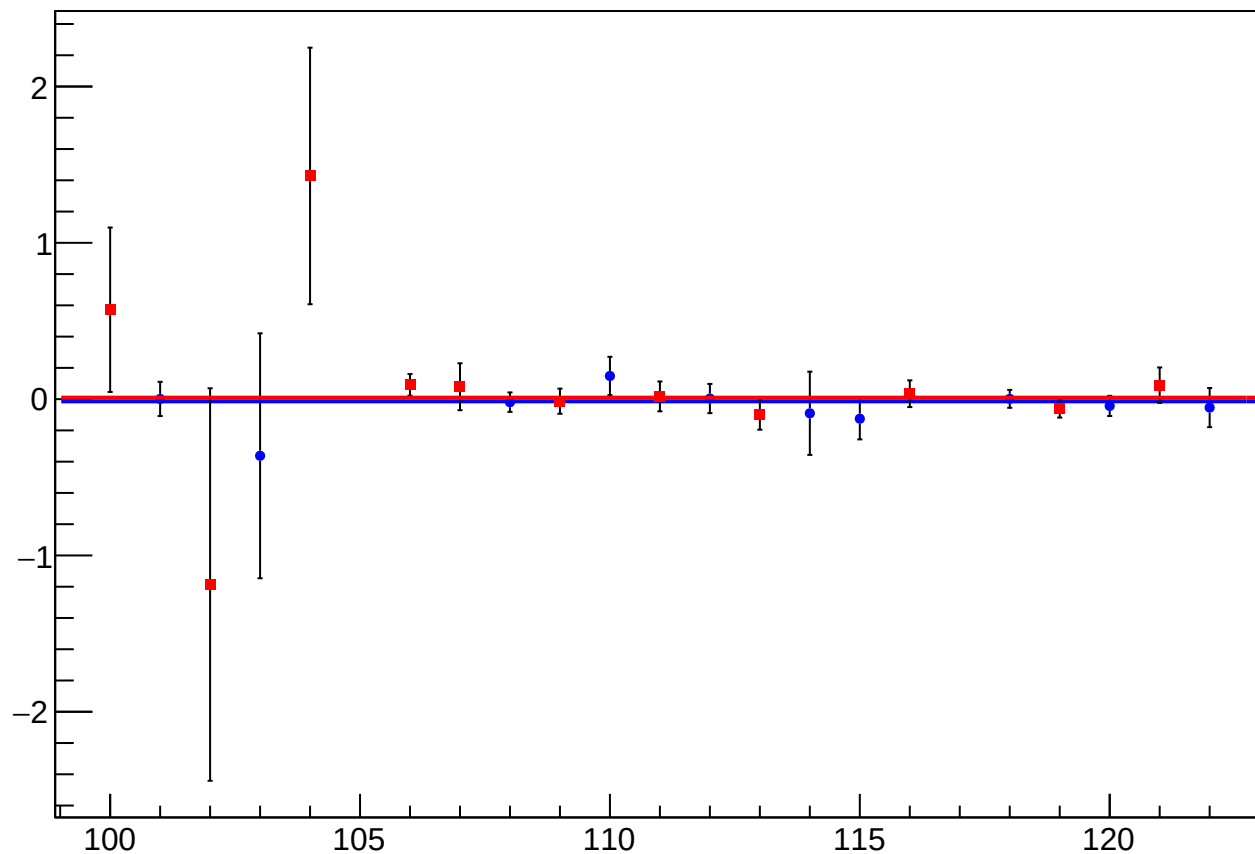
Right: 49.552+/-0.015 χ^2/NDF : 3871374.2/20

In: 48.948+/-0.020 χ^2/NDF : 1705127.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.552+/-0.015 χ^2/NDF : 3871374.2/20

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: 0.010+/-0.030 χ^2 /NDF: 9.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

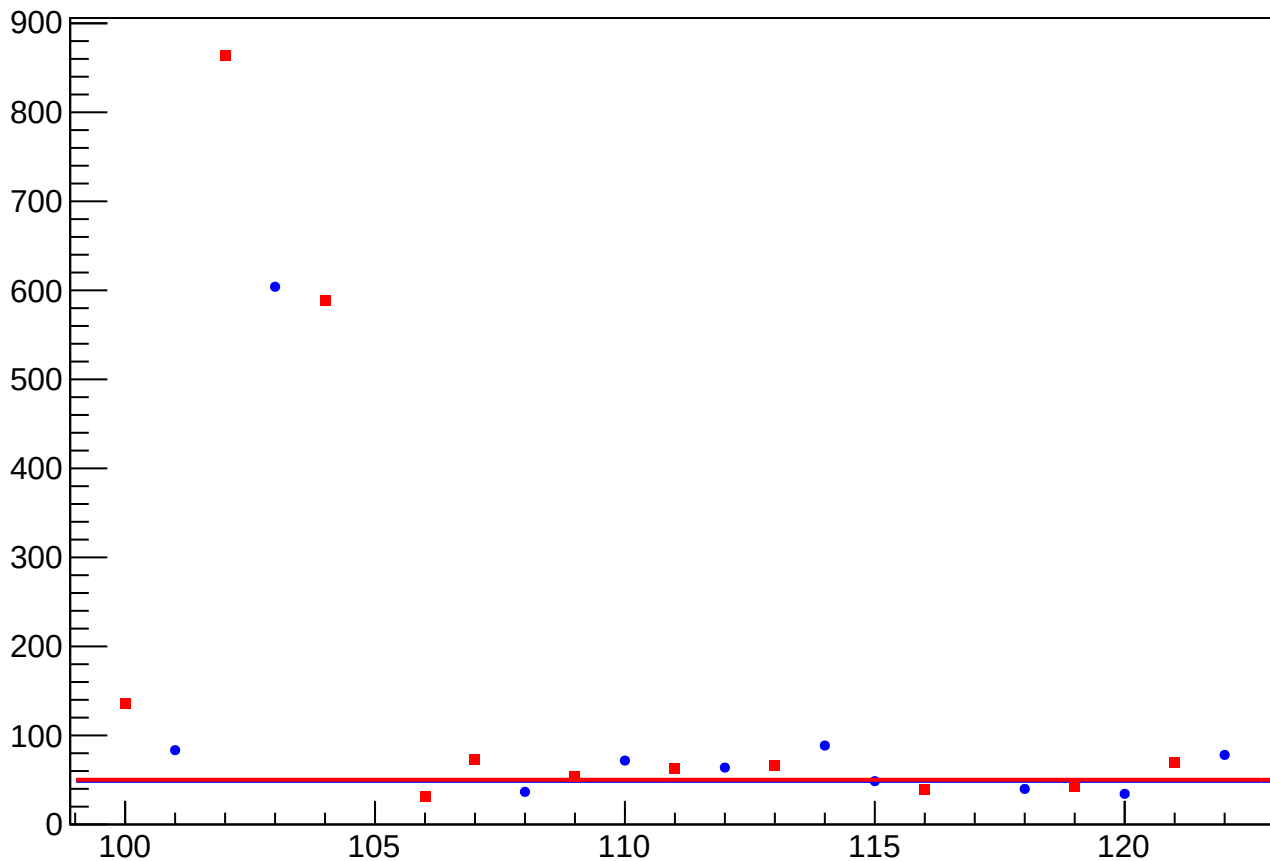
Right: -0.003+/-0.021 χ^2 /NDF: 13.4/20

In: -0.014+/-0.029 χ^2 /NDF:3.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.003+/-0.021 χ^2 /NDF: 13.4/20

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.948+/-0.020 χ^2/NDF : 1705127.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.196+/-0.021 χ^2/NDF : 2164434.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

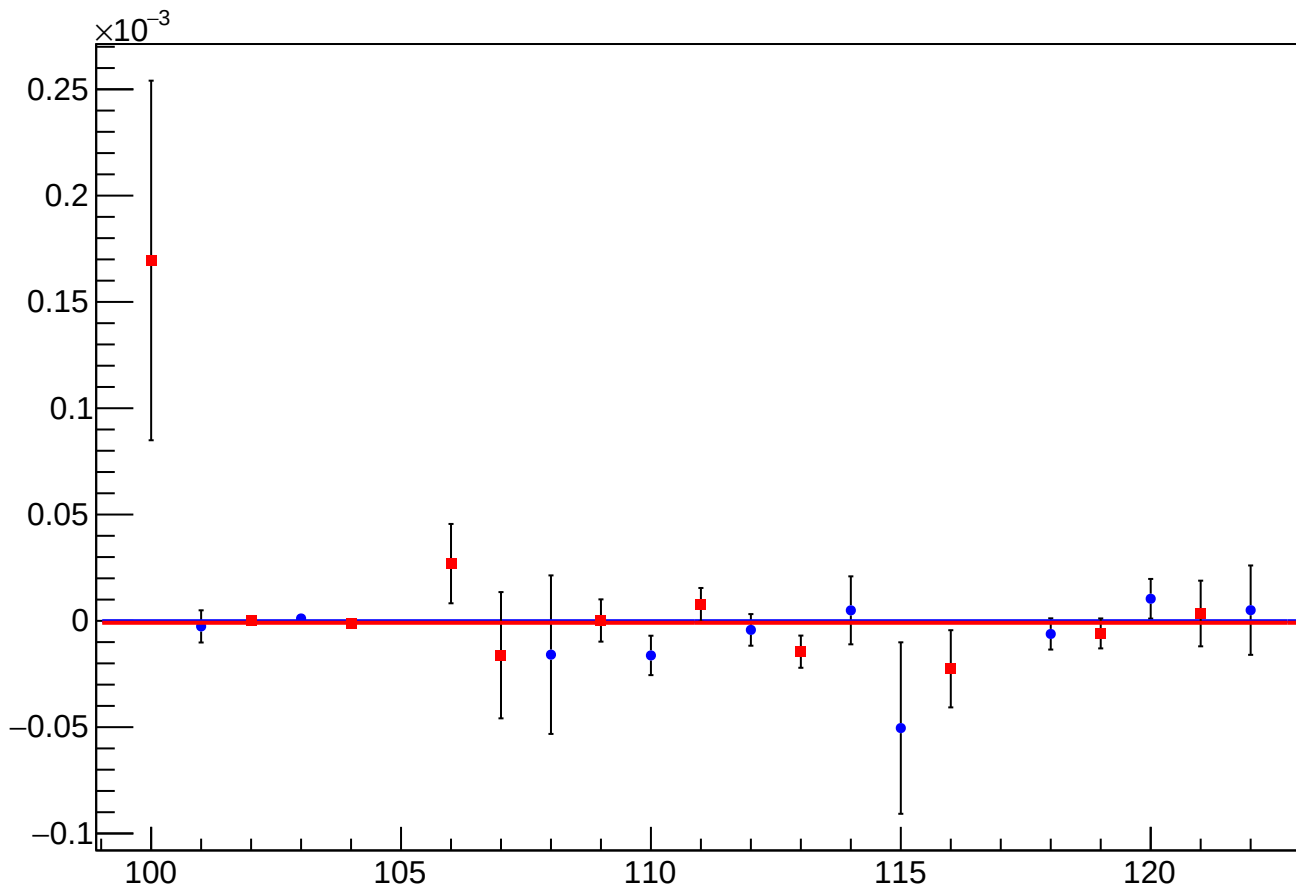
Right: 49.552+/-0.015 χ^2/NDF : 3871374.2/20

In: 48.948+/-0.020 χ^2/NDF : 1705127.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.552+/-0.015 χ^2/NDF : 3871374.2/20

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 : 7.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

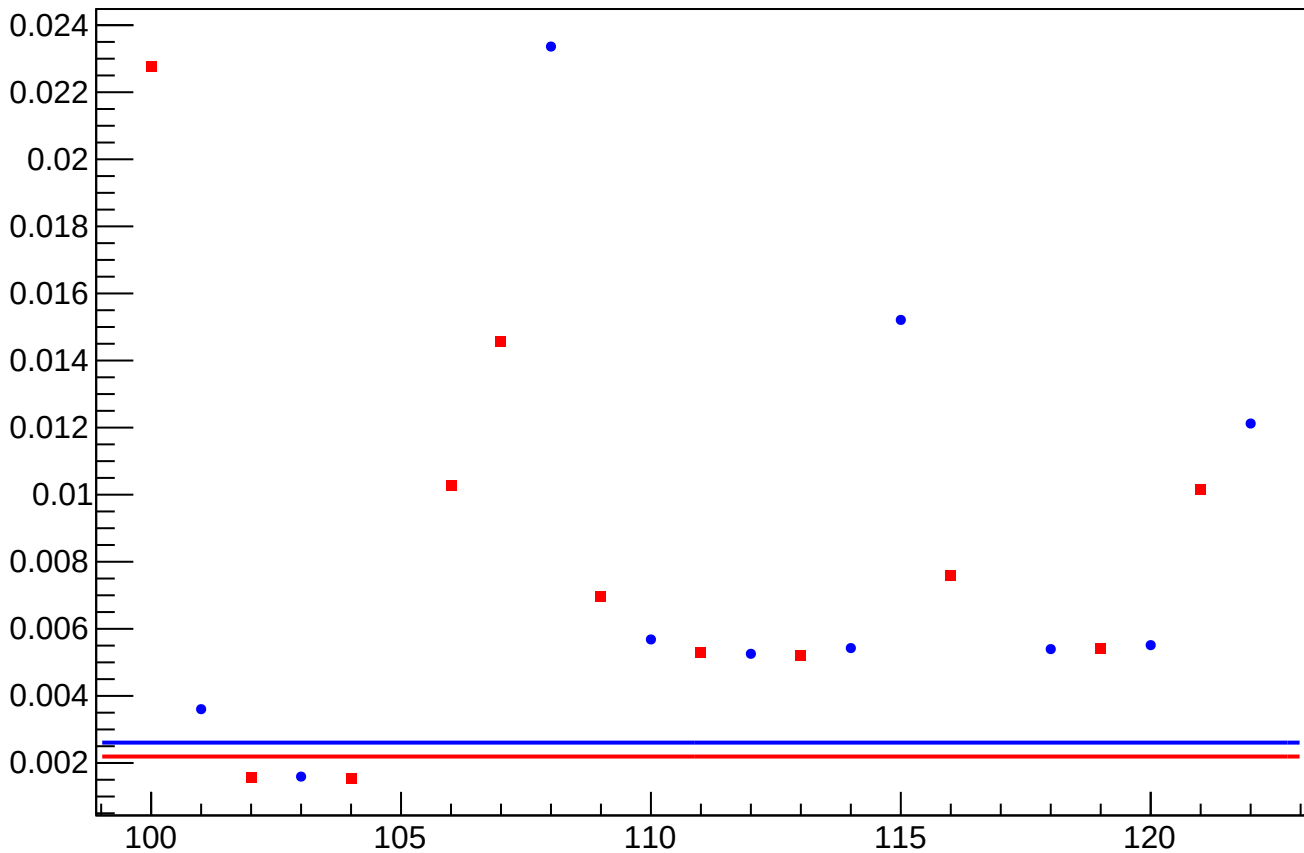
Right: -0.000+/-0.000 χ^2/NDF : 20.9/20

In: -0.000+/-0.000 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.9/20

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 : 2767990.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3447710.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

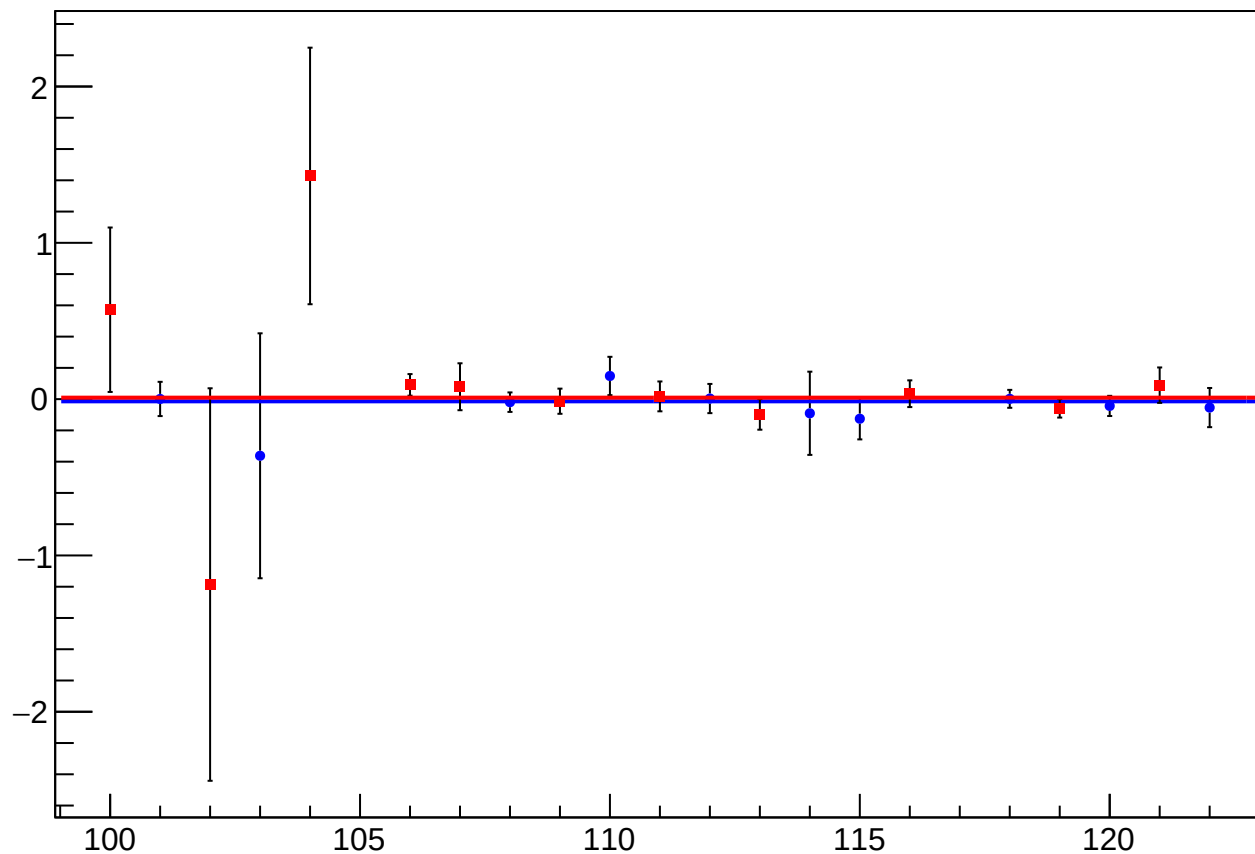
Right: 0.002+/-0.000 χ^2/NDF : 6286078.2/20

In: 0.003+/-0.000 χ^2/NDF :2767990.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6286078.2/20

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: 0.010 ± 0.030 χ^2/NDF : 9.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

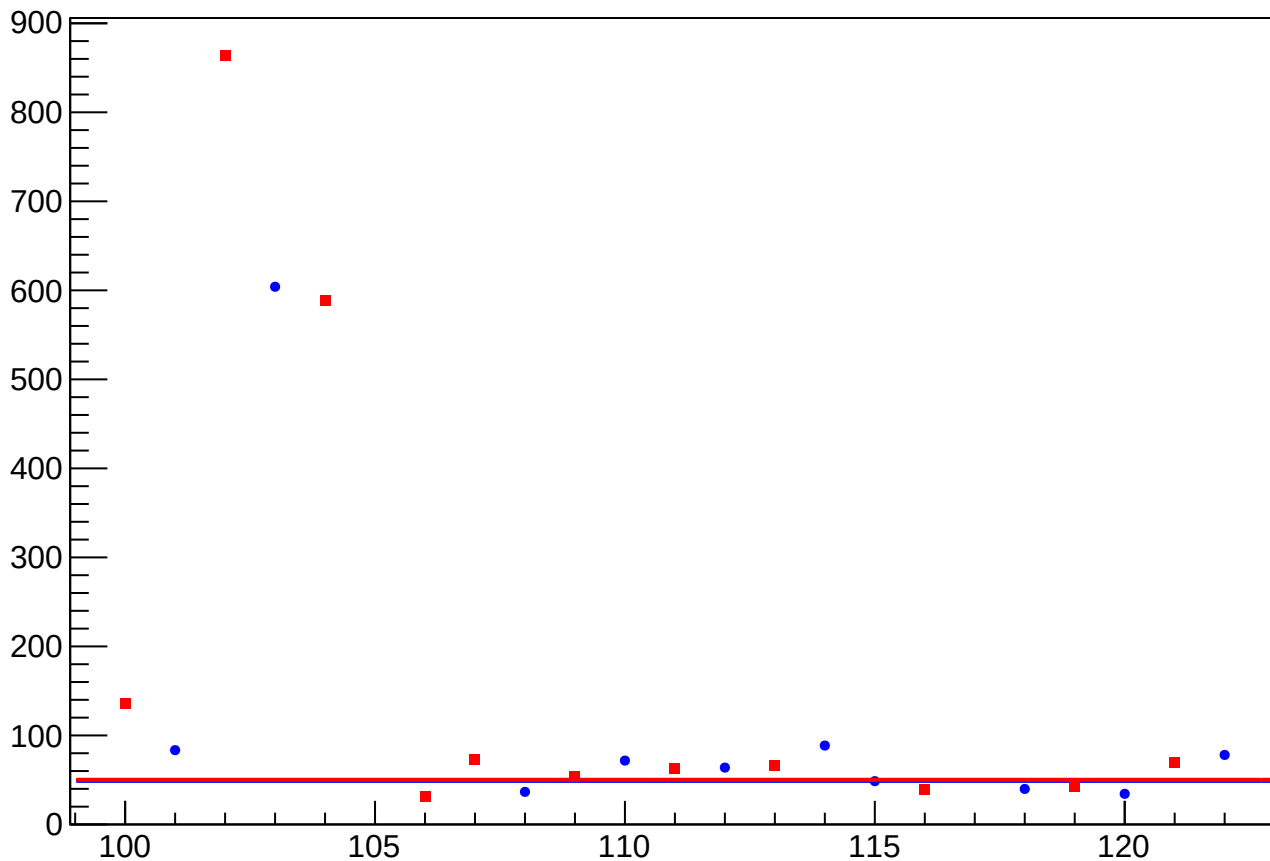
Right: -0.003 ± 0.021 χ^2/NDF : 13.4/20

In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.021 χ^2/NDF : 13.4/20

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.953+/-0.020 χ^2/NDF : 1704907.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.198+/-0.021 χ^2/NDF : 2164235.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

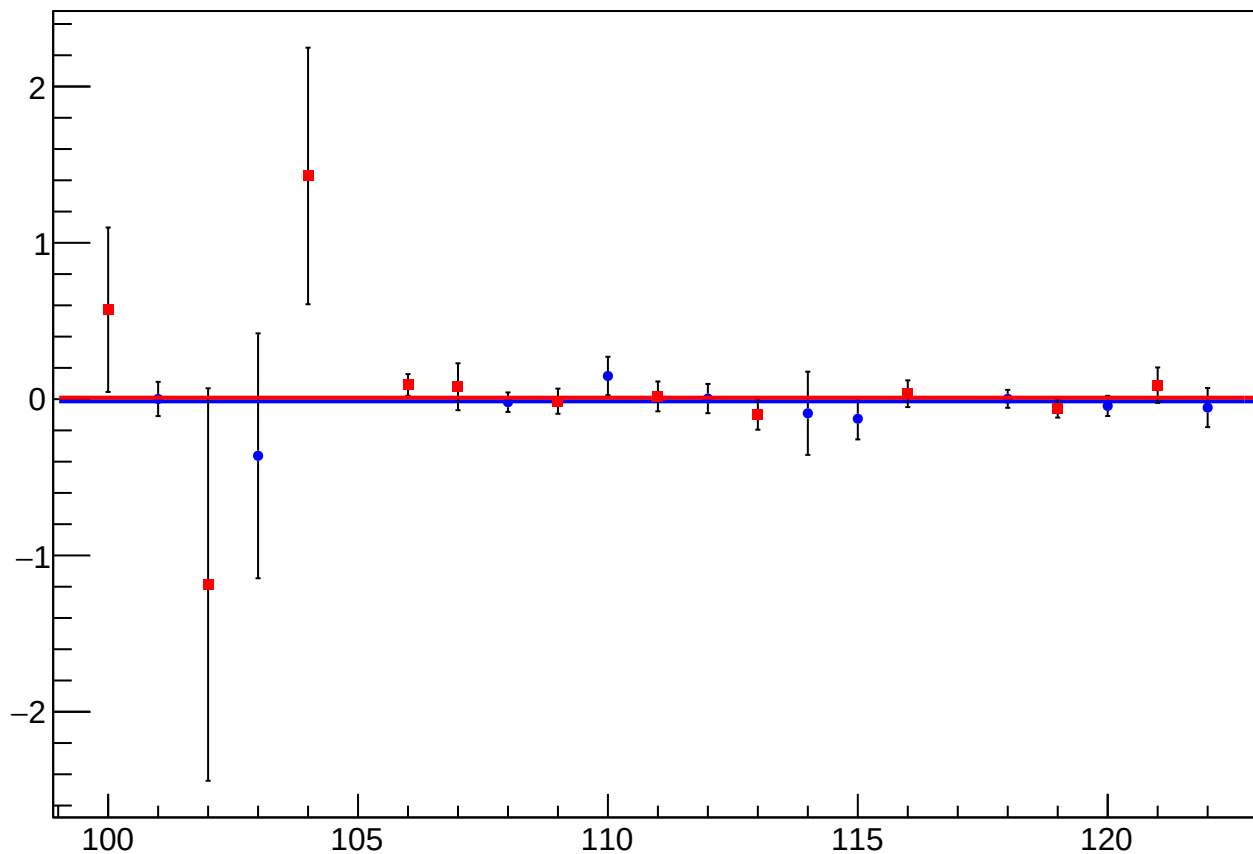
Right: 49.556+/-0.015 χ^2/NDF : 3870948.6/20

In: 48.953+/-0.020 χ^2/NDF : 1704907.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.556+/-0.015 χ^2/NDF : 3870948.6/20

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: 0.010+/-0.030 χ^2 /NDF: 9.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

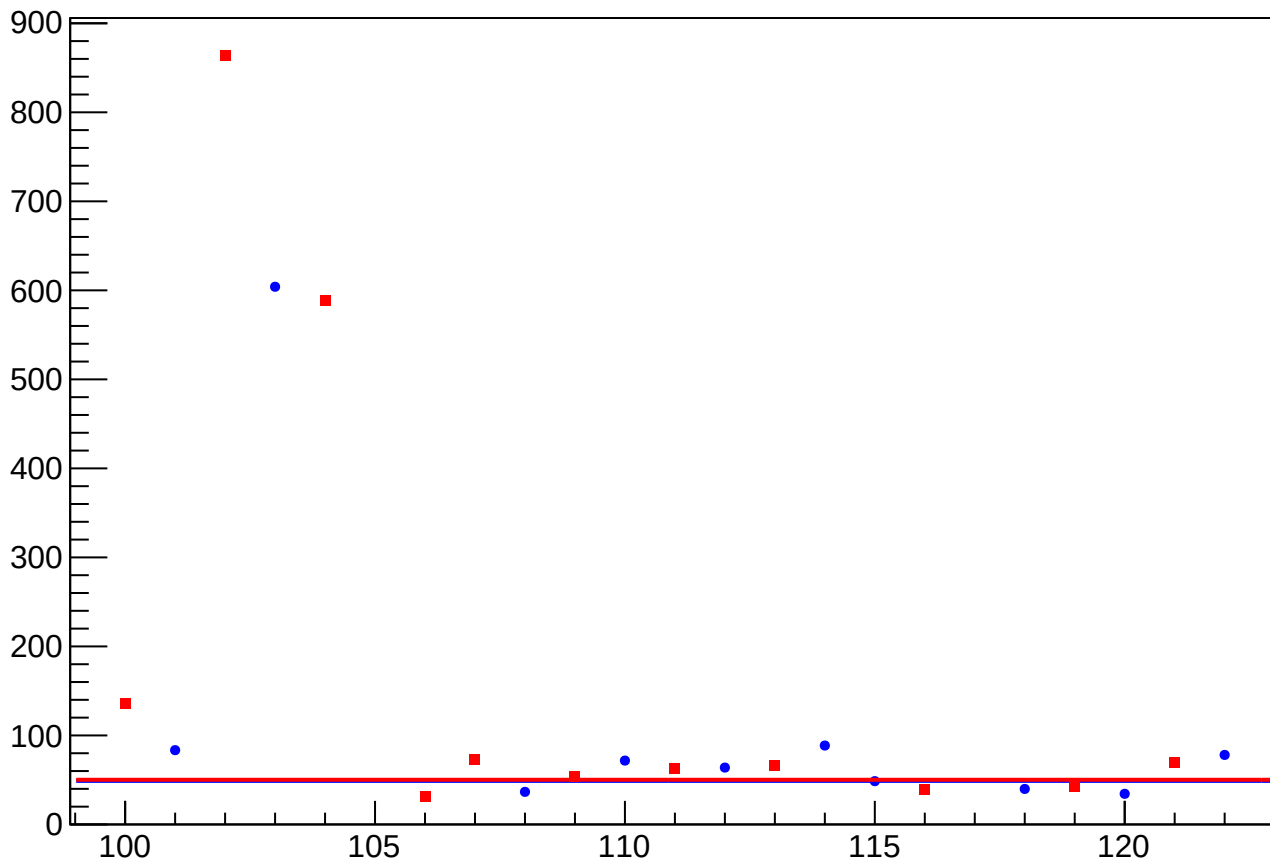
Right: -0.003+/-0.021 χ^2 /NDF: 13.4/20

In: -0.014+/-0.029 χ^2 /NDF:3.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.003+/-0.021 χ^2 /NDF: 13.4/20

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.953+/-0.020 χ^2/NDF : 1704907.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.198+/-0.021 χ^2/NDF : 2164235.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

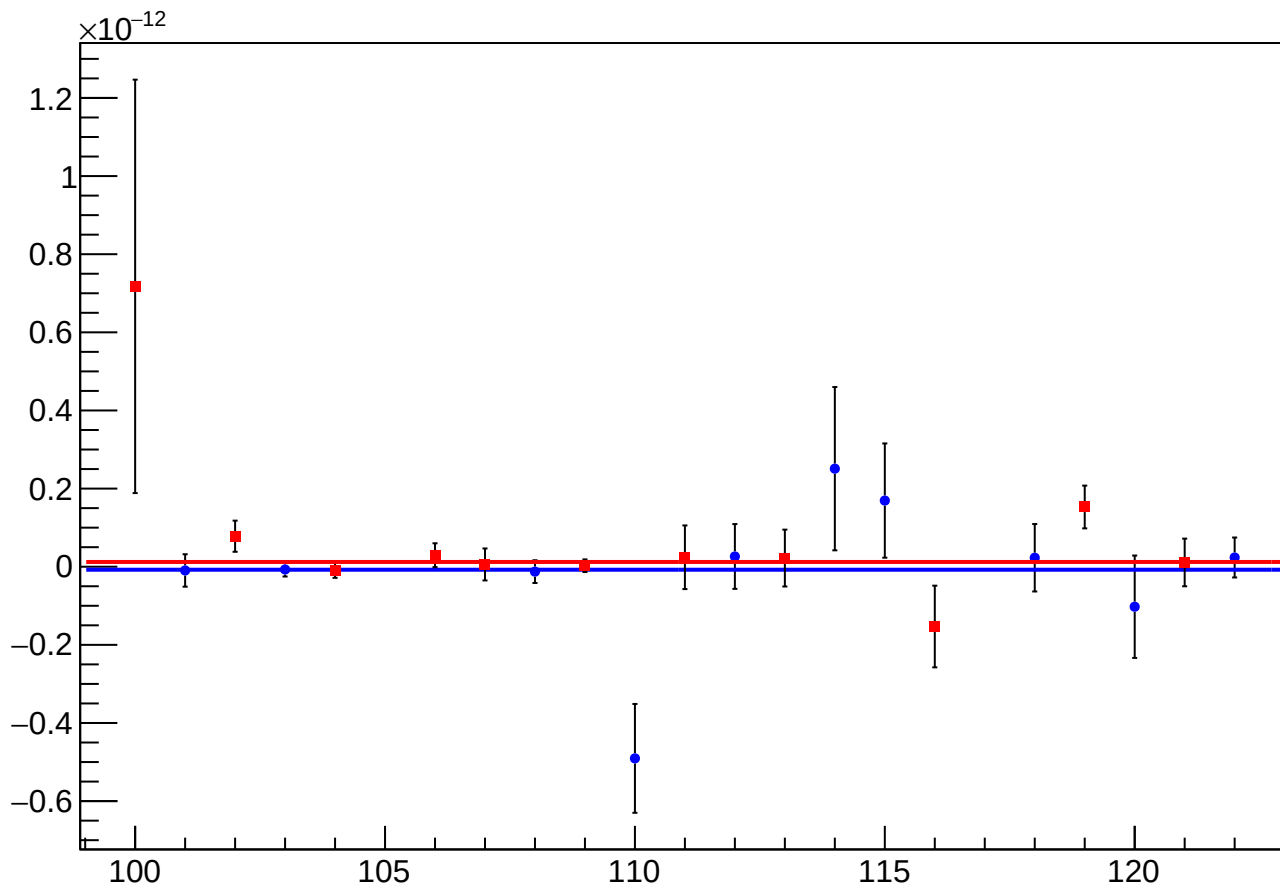
Right: 49.556+/-0.015 χ^2/NDF : 3870948.6/20

In: 48.953+/-0.020 χ^2/NDF : 1704907.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.556+/-0.015 χ^2/NDF : 3870948.6/20

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 : 16.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

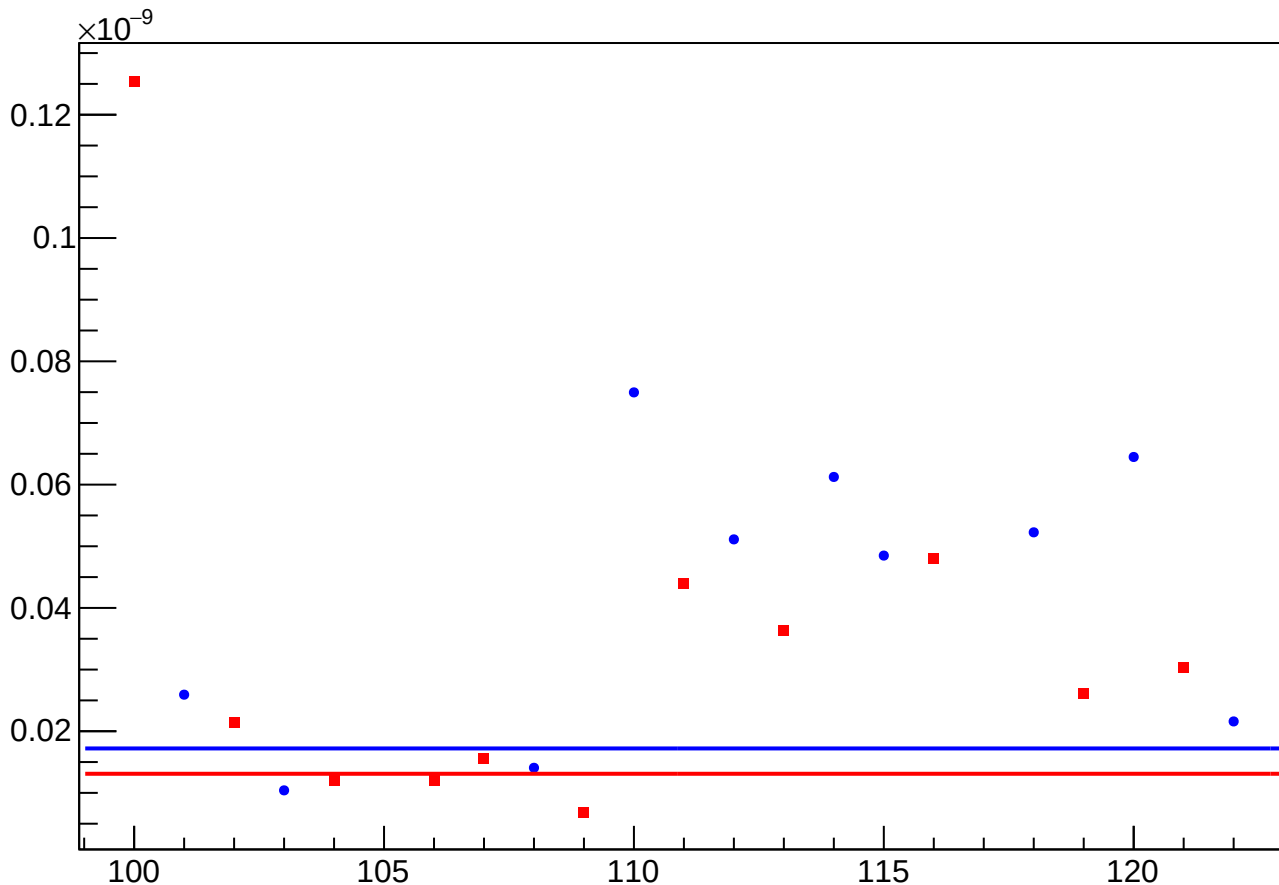
Right: 0.000+/-0.000 χ^2/NDF : 33.2/20

In: -0.000+/-0.000 χ^2/NDF : 16.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.2/20

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 : 1858937.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1487058.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

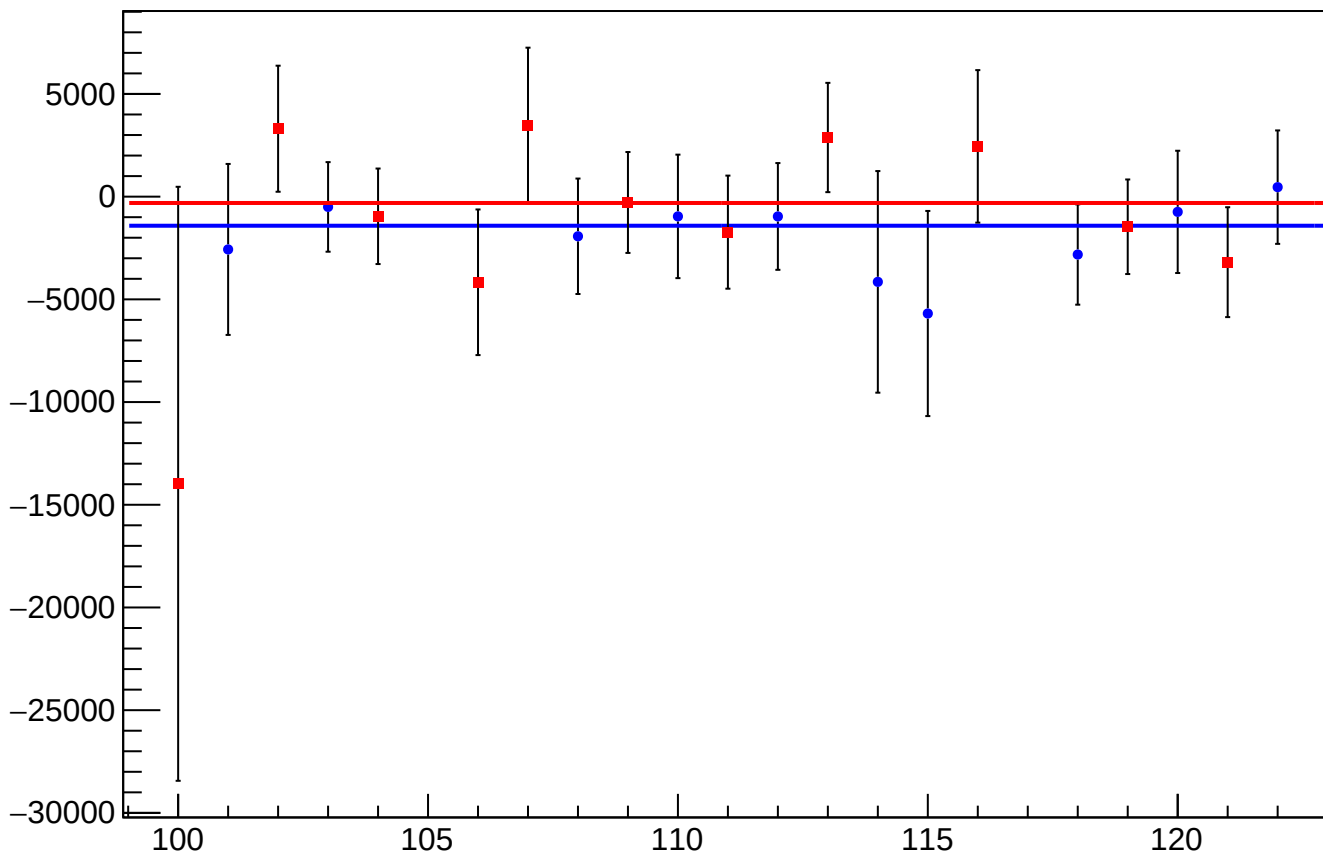
Right: 0.000+/-0.000 χ^2/NDF : 3467495.0/20

In: 0.000+/-0.000 χ^2/NDF : 1858937.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3467495.0/20

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1415.679+/-936.652 χ^2/NDF : 2.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -308.243+/-882.014 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

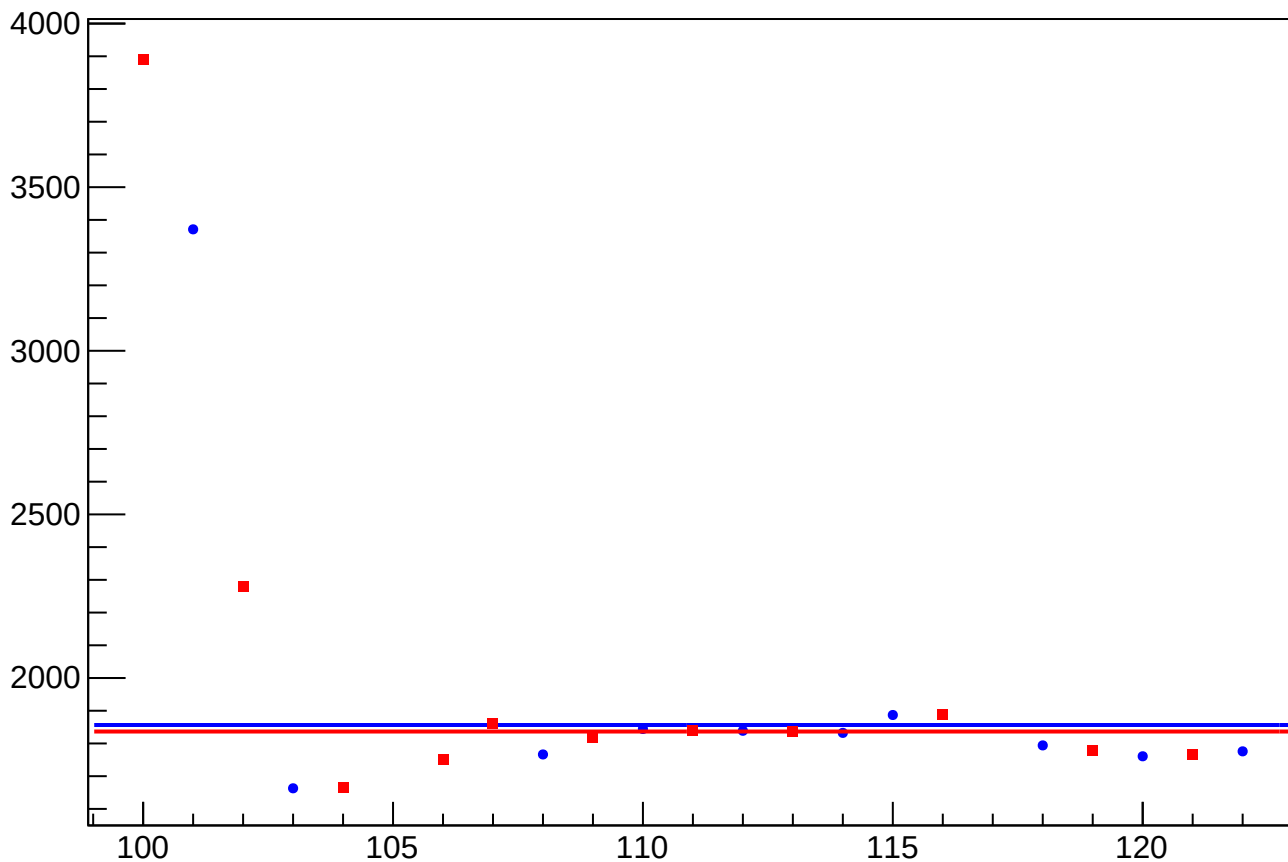
Right: -828.720+/-642.125 χ^2/NDF : 11.1/20

In: -1415.679+/-936.652 χ^2/NDF : 2.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -828.720+/-642.125 χ^2/NDF : 11.1/20

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1856.413+/-0.662 χ^2/NDF : 288026.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1836.487+/-0.624 χ^2/NDF : 97462.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

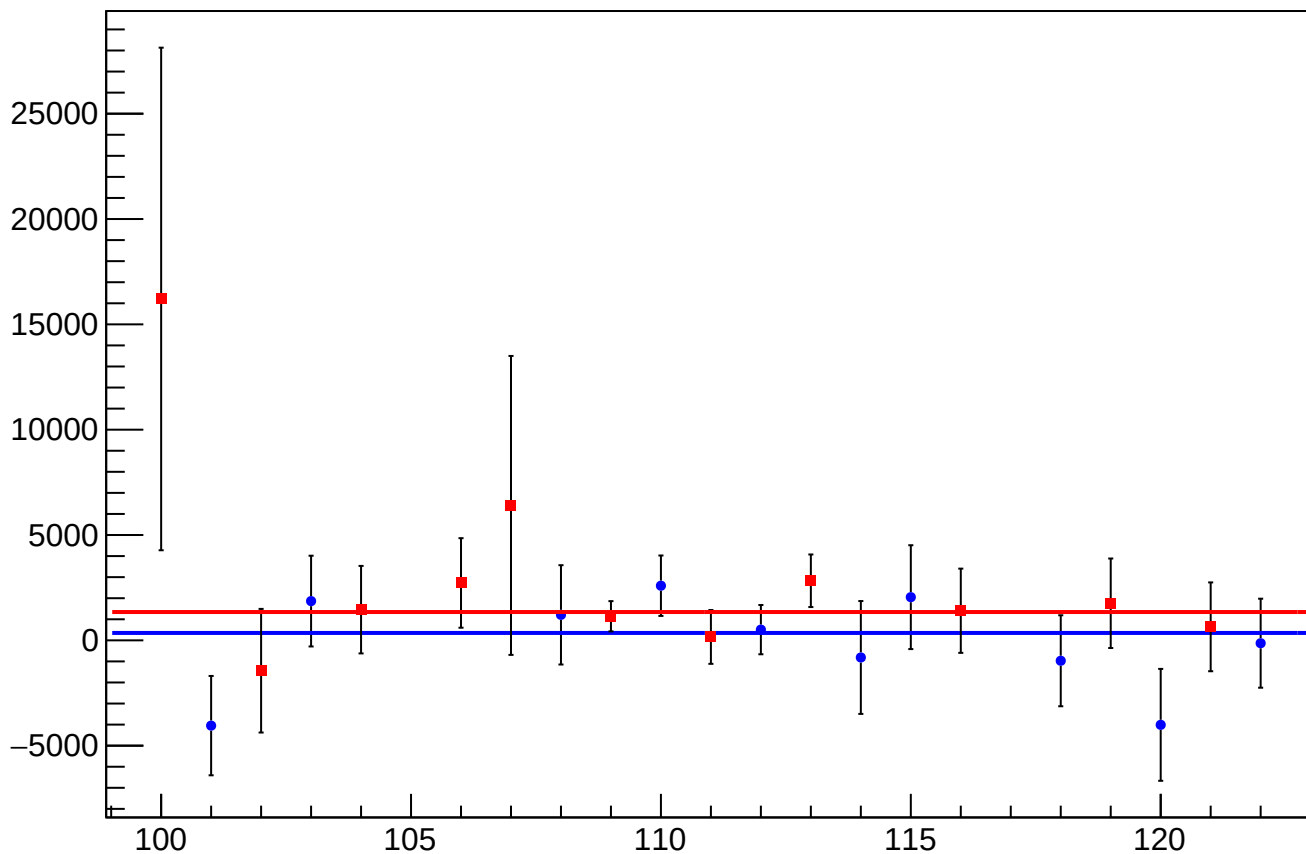
Right: 1845.852+/-0.454 χ^2/NDF : 385968.2/20

In: 1856.413+/-0.662 χ^2/NDF : 288026.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1845.852+/-0.454 χ^2/NDF : 385968.2/20

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 351.444+/-611.167 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.420+/-471.981 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

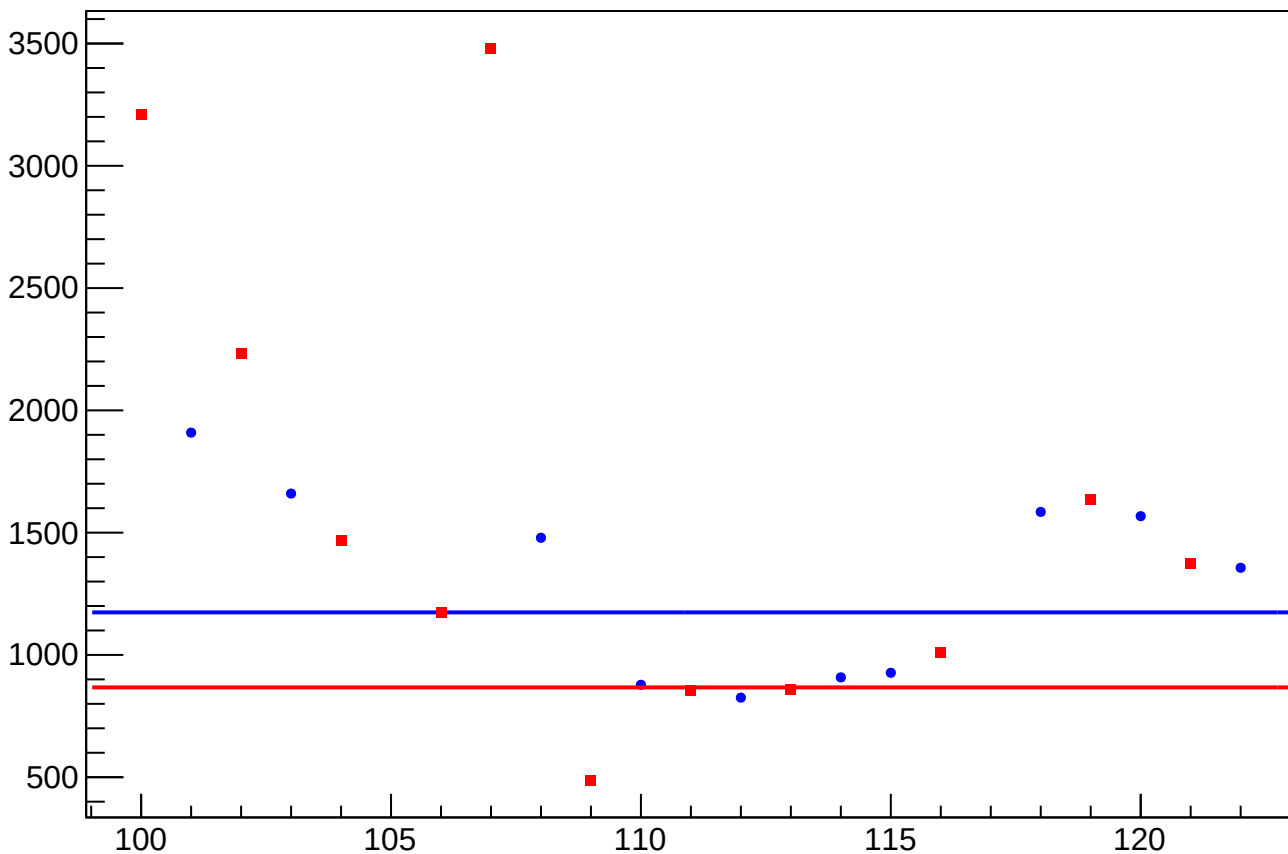
Right: 973.458+/-373.555 χ^2/NDF : 17.9/20

In: 351.444+/-611.167 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 973.458+/-373.555 χ^2/NDF : 17.9/20

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1173.913+/-0.432 χ^2/NDF : 763576.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 867.192+/-0.334 χ^2/NDF : 1942699.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

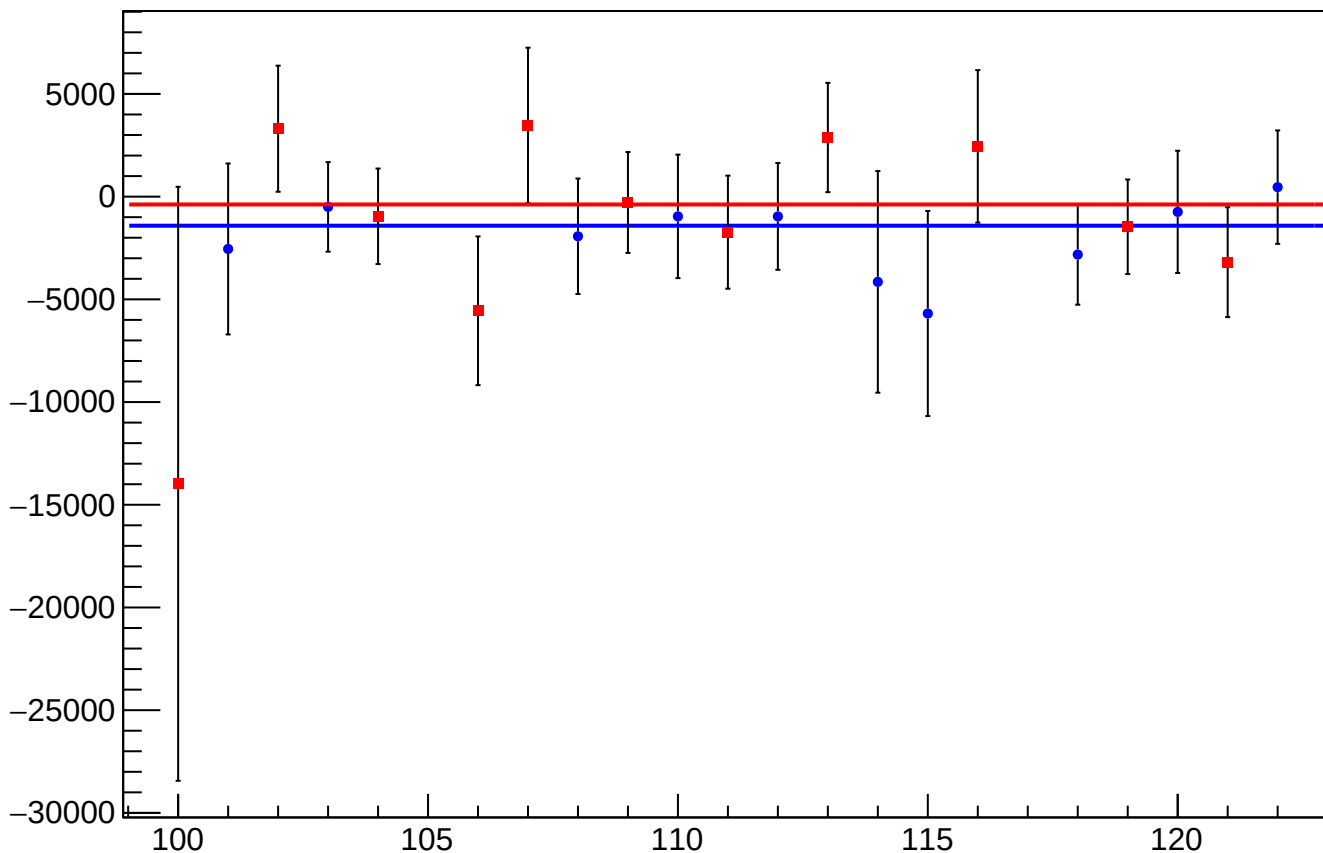
Right: 981.779+/-0.264 χ^2/NDF : 3021820.4/20

In: 1173.913+/-0.432 χ^2/NDF : 763576.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.779+/-0.264 χ^2/NDF : 3021820.4/20

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1414.526+/-936.652 χ^2/NDF : 2.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -381.231+/-883.131 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

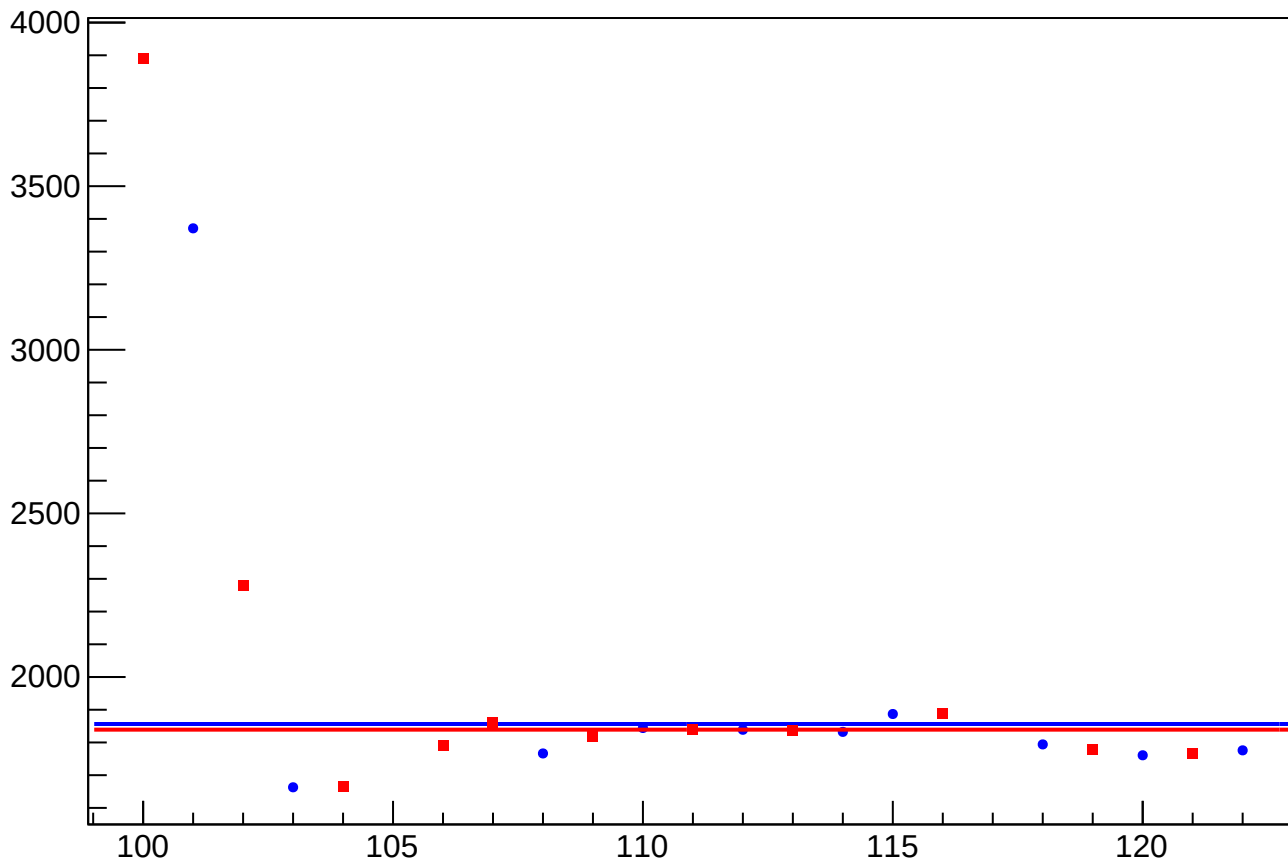
Right: -867.515+/-642.556 χ^2/NDF : 11.9/20

In: -1414.526+/-936.652 χ^2/NDF : 2.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -867.515+/-642.556 χ^2/NDF : 11.9/20

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1856.413+/-0.662 χ^2/NDF : 288028.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.138+/-0.624 χ^2/NDF : 96579.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

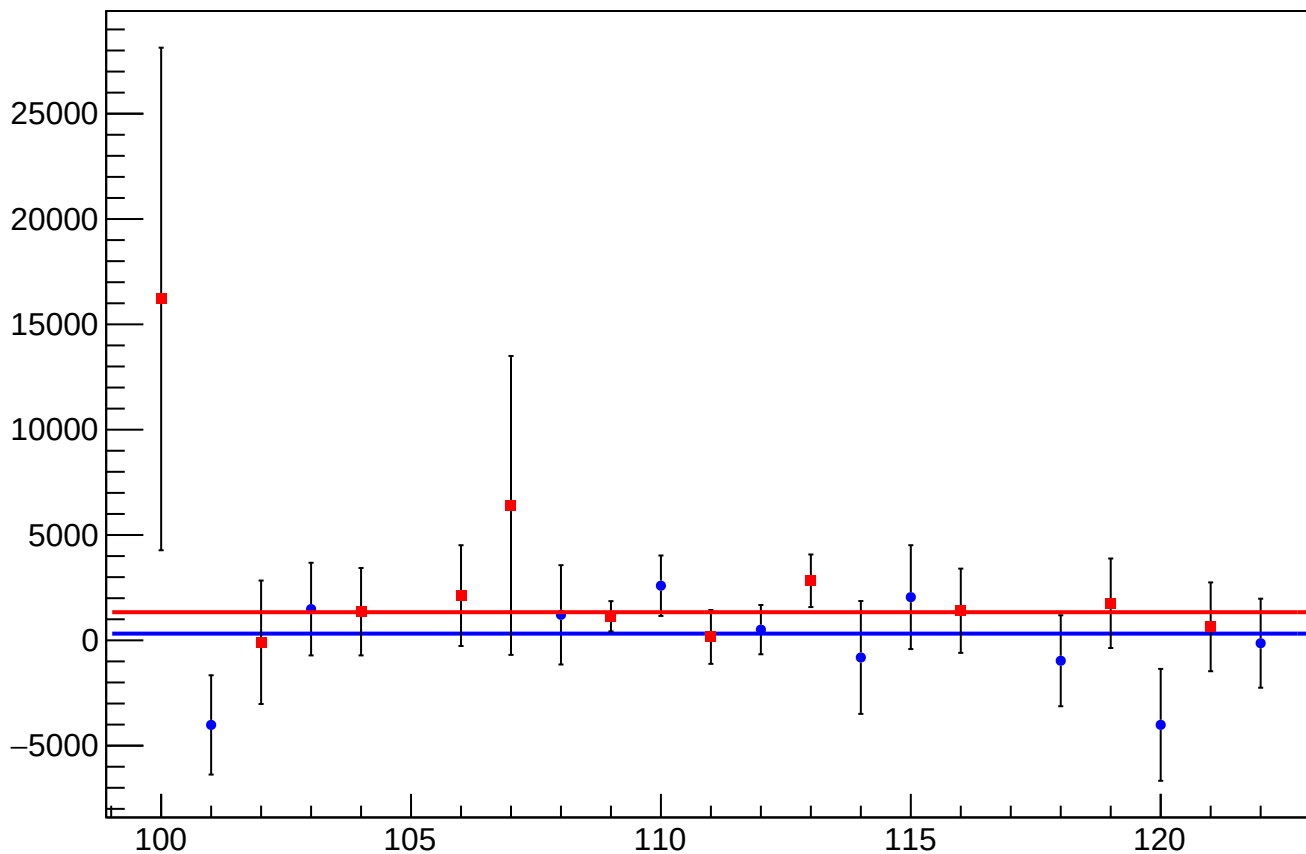
Right: 1847.268+/-0.454 χ^2/NDF : 384967.7/20

In: 1856.413+/-0.662 χ^2/NDF : 288028.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1847.268+/-0.454 χ^2/NDF : 384967.7/20

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 319.020+/-612.141 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.885+/-474.390 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

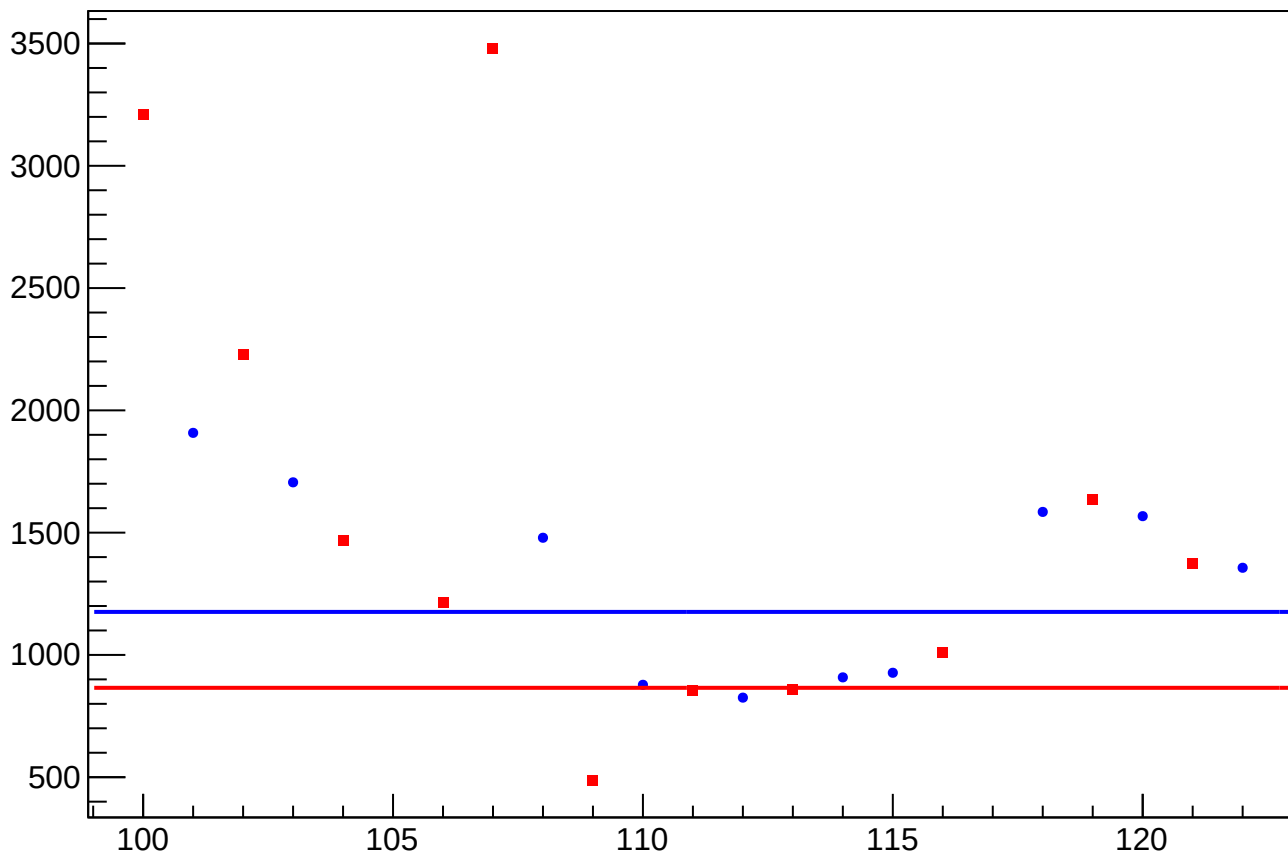
Right: 954.332+/-374.971 χ^2/NDF : 16.7/20

In: 319.020+/-612.141 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 954.332+/-374.971 χ^2/NDF : 16.7/20

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1175.886+/-0.433 χ^2/NDF : 778488.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 865.500+/-0.335 χ^2/NDF : 1941473.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

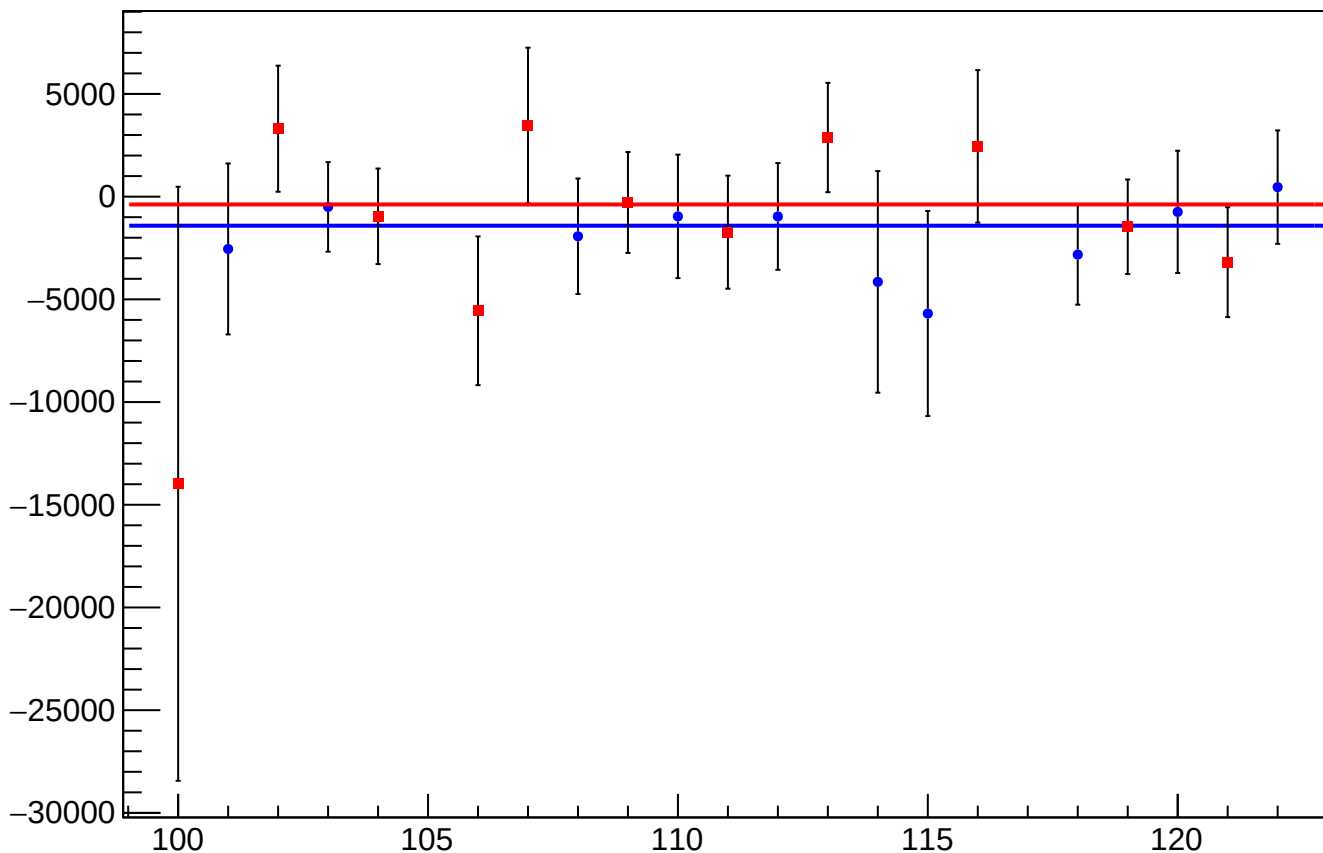
Right: 981.964+/-0.265 χ^2/NDF : 3041220.3/20

In: 1175.886+/-0.433 χ^2/NDF : 778488.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.964+/-0.265 χ^2/NDF : 3041220.3/20

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1414.526+/-936.652 χ^2/NDF : 2.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -381.231+/-883.131 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

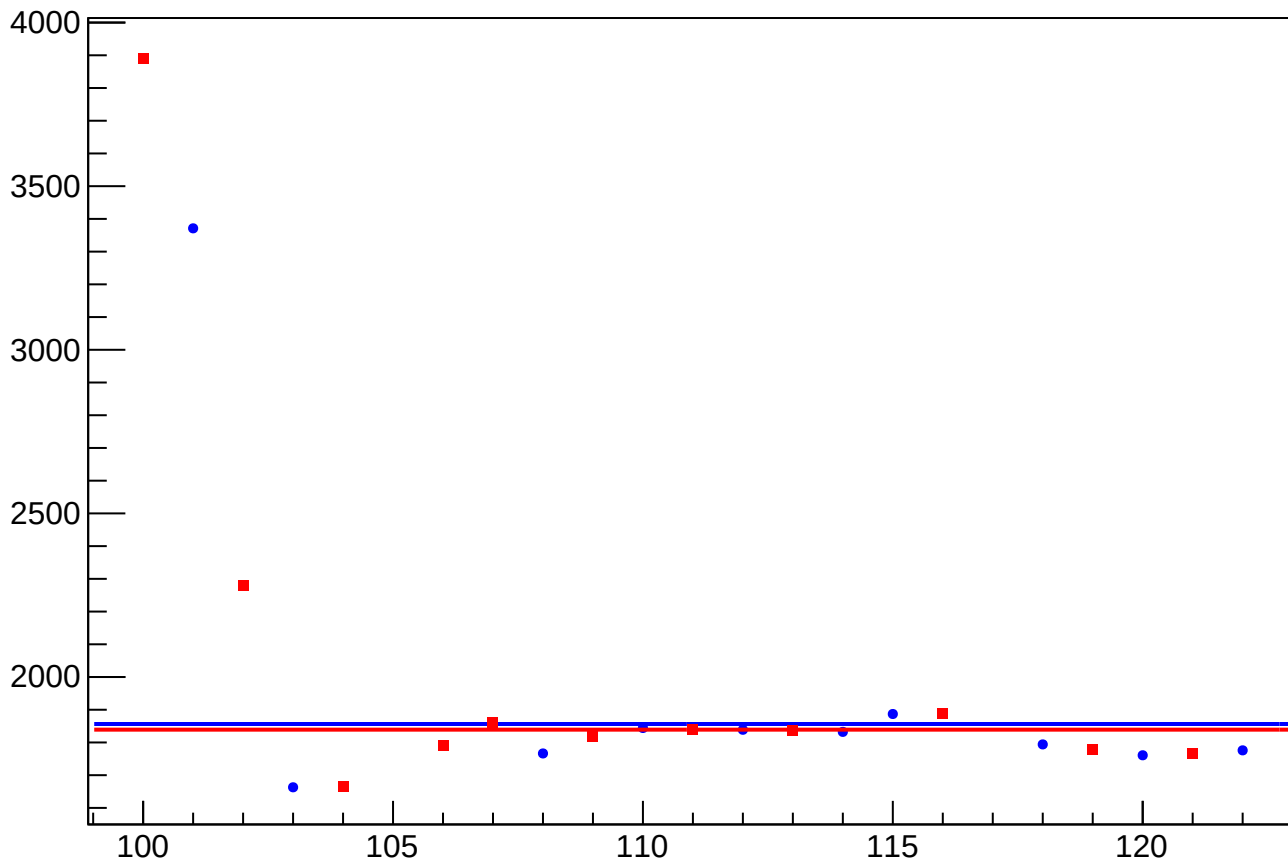
Right: -867.515+/-642.556 χ^2/NDF : 11.9/20

In: -1414.526+/-936.652 χ^2/NDF : 2.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -867.515+/-642.556 χ^2/NDF : 11.9/20

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1856.413+/-0.662 χ^2/NDF : 288028.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.138+/-0.624 χ^2/NDF : 96579.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

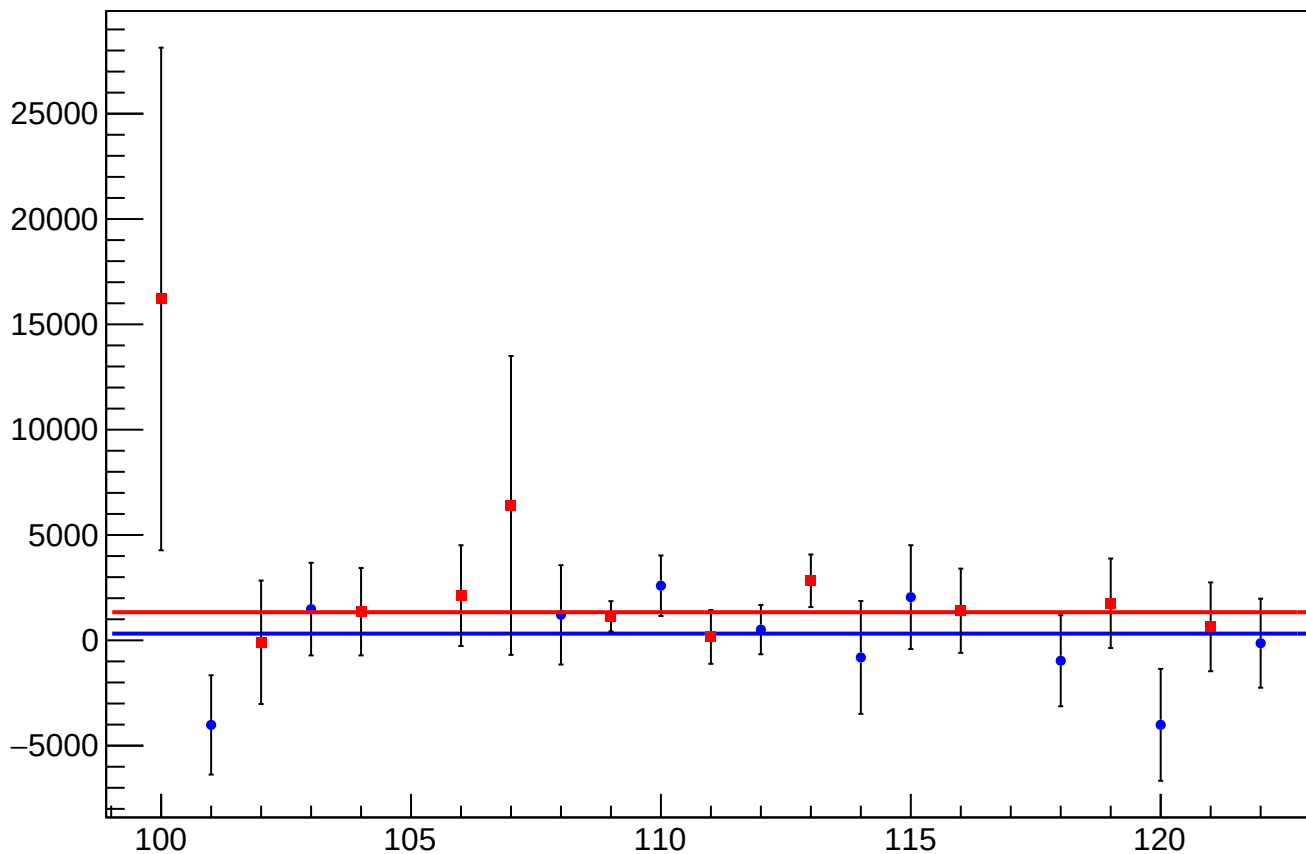
Right: 1847.268+/-0.454 χ^2/NDF : 384967.7/20

In: 1856.413+/-0.662 χ^2/NDF : 288028.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1847.268+/-0.454 χ^2/NDF : 384967.7/20

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 319.020+/-612.141 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.885+/-474.390 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

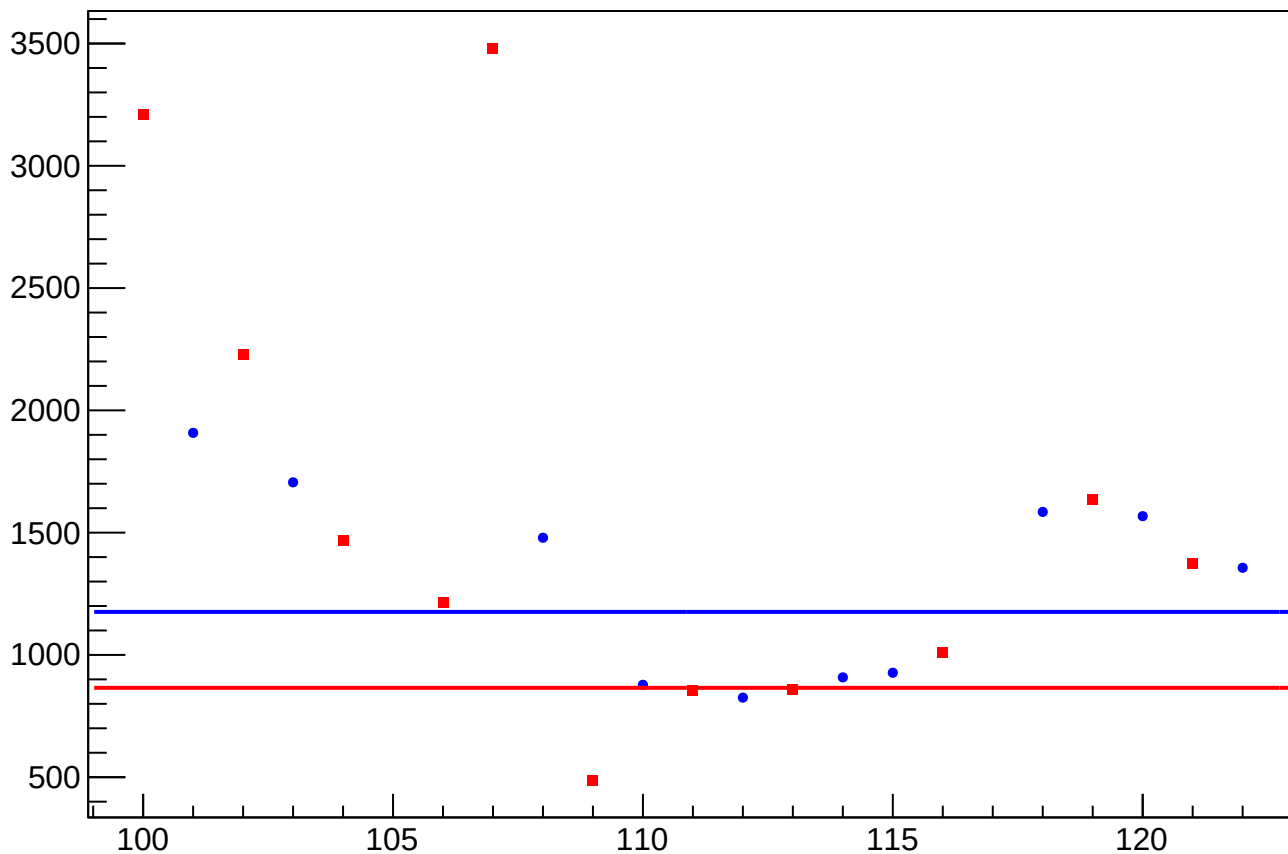
Right: 954.332+/-374.971 χ^2/NDF : 16.7/20

In: 319.020+/-612.141 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 954.332+/-374.971 χ^2/NDF : 16.7/20

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1175.886+/-0.433 χ^2/NDF : 778488.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 865.500+/-0.335 χ^2/NDF : 1941473.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

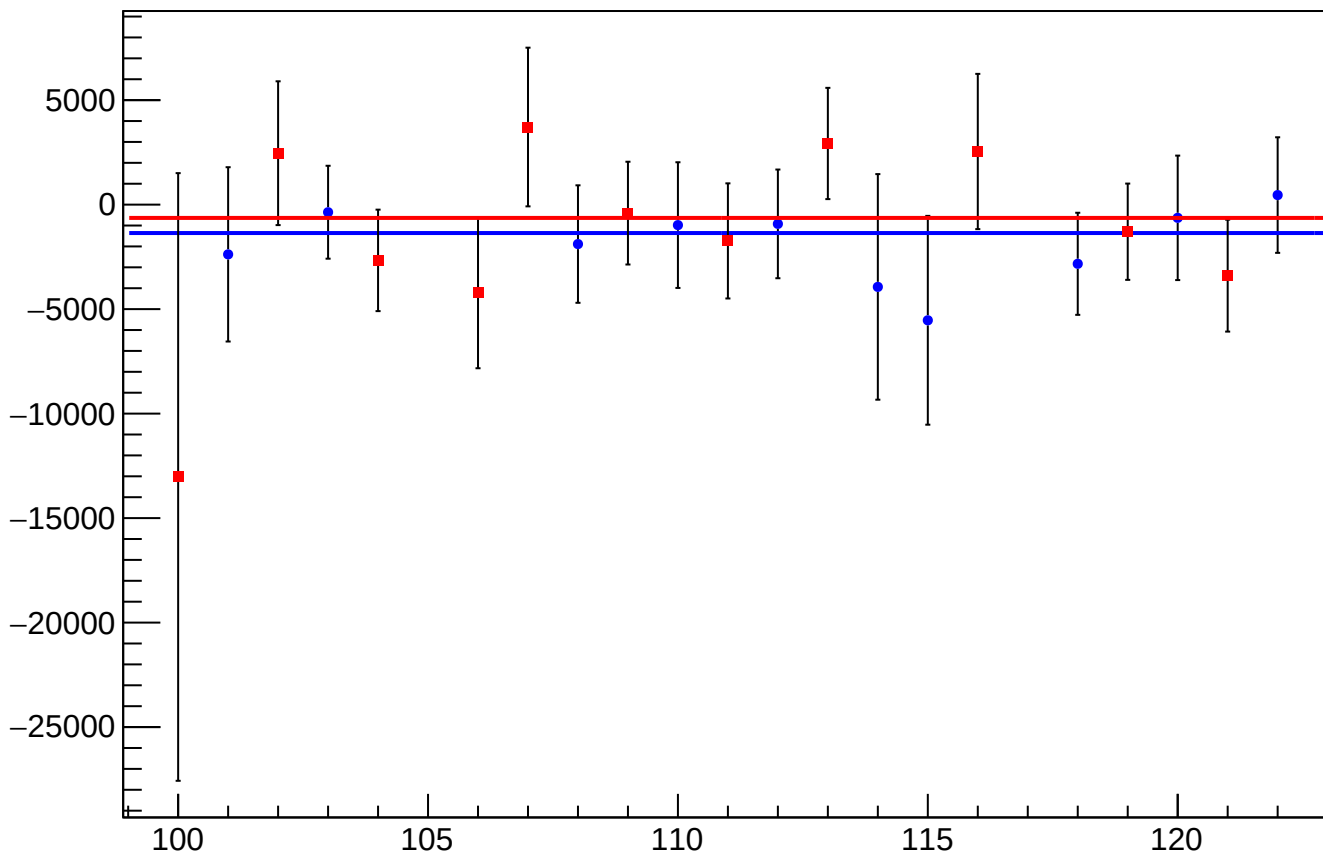
Right: 981.964+/-0.265 χ^2/NDF : 3041220.3/20

In: 1175.886+/-0.433 χ^2/NDF :778488.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 981.964+/-0.265 χ^2/NDF : 3041220.3/20

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1359.312 $\pm$ 940.545 χ^2 /NDF: 2.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -635.868 $\pm$ 896.582 χ^2 /NDF: 8.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

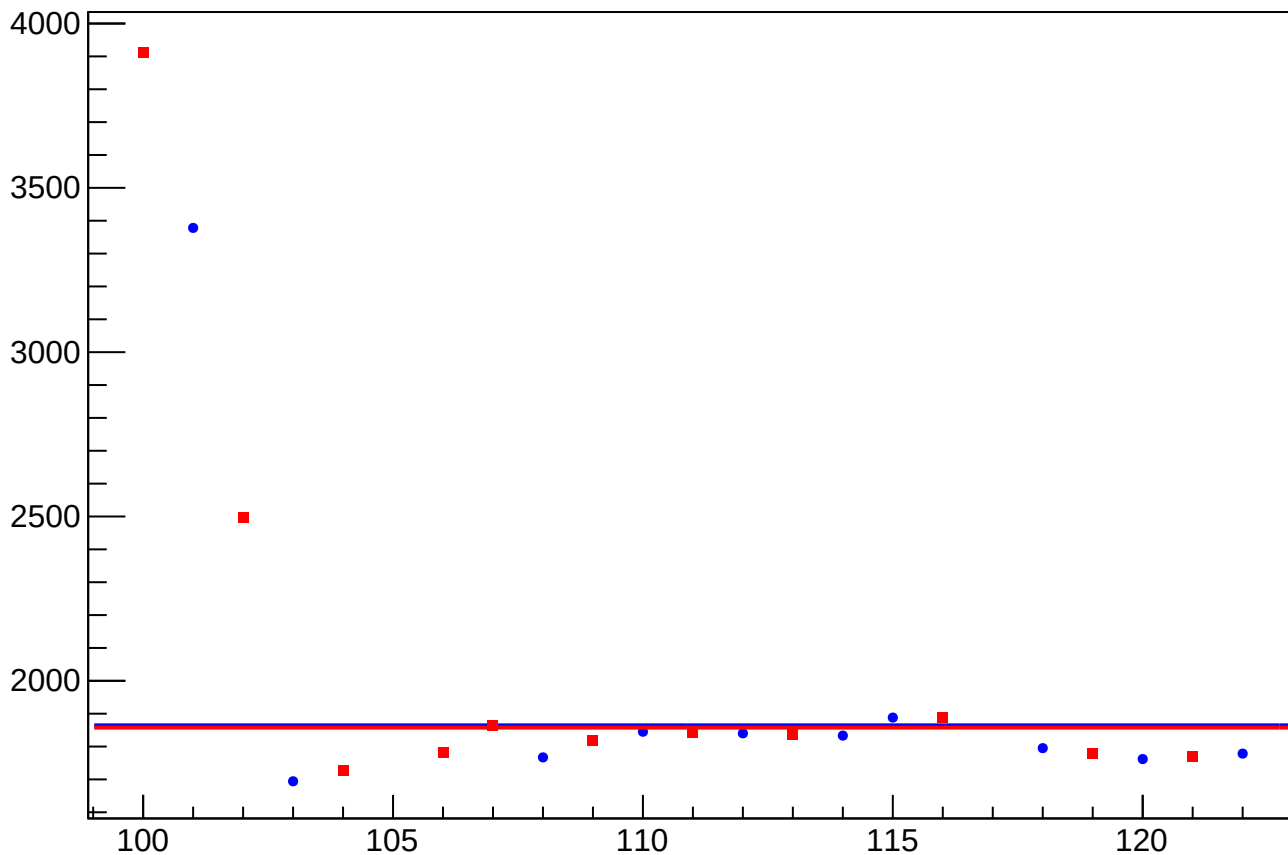
Right: -980.288 $\pm$ 648.965 χ^2 /NDF: 10.8/20

In: -1359.312 $\pm$ 940.545 χ^2 /NDF:2.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -980.288 $\pm$ 648.965 χ^2 /NDF: 10.8/20

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1864.451+/-0.665 χ^2/NDF : 283855.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1857.664+/-0.634 χ^2/NDF : 121082.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

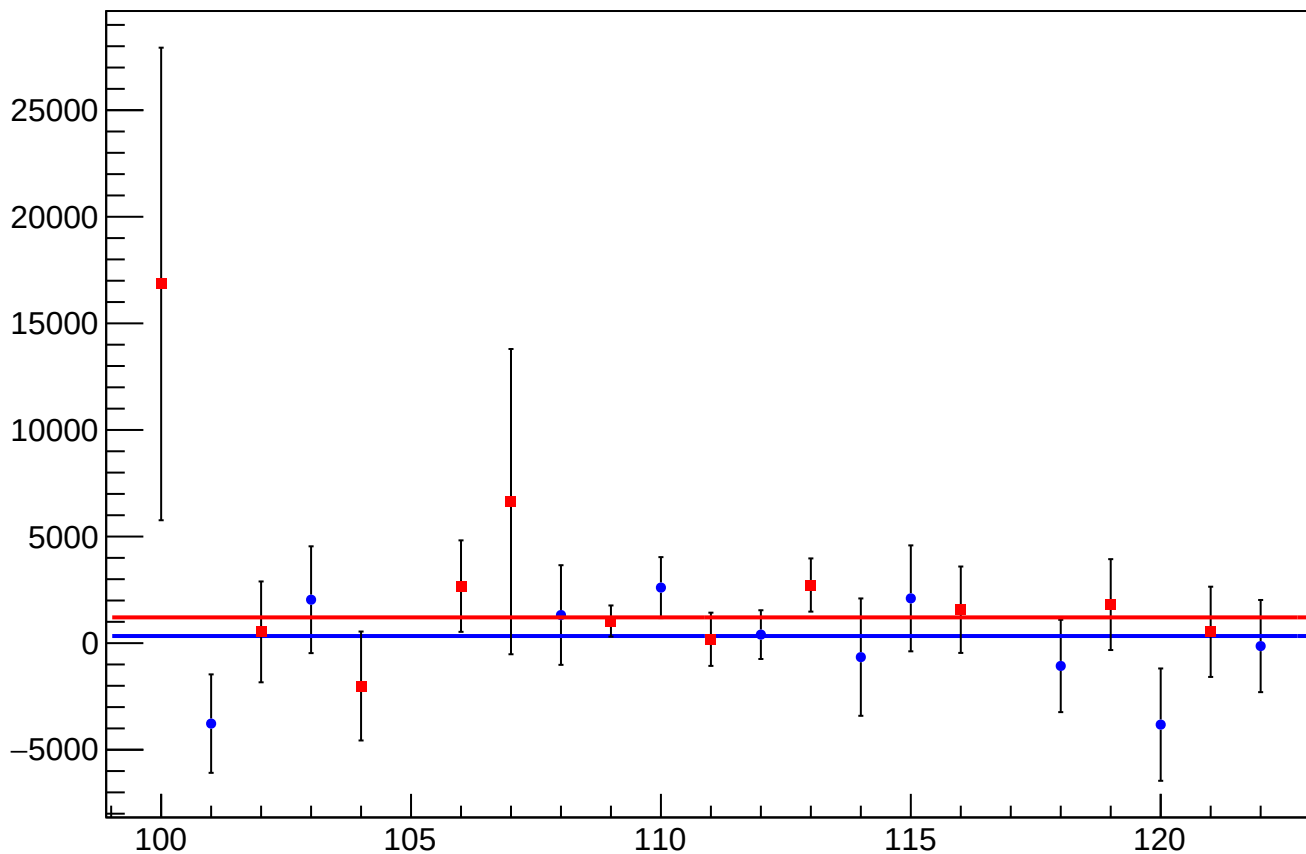
Right: 1860.895+/-0.459 χ^2/NDF : 404992.8/20

In: 1864.451+/-0.665 χ^2/NDF : 283855.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.895+/-0.459 χ^2/NDF : 404992.8/20

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 333.987+/-614.411 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1208.674+/-475.571 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

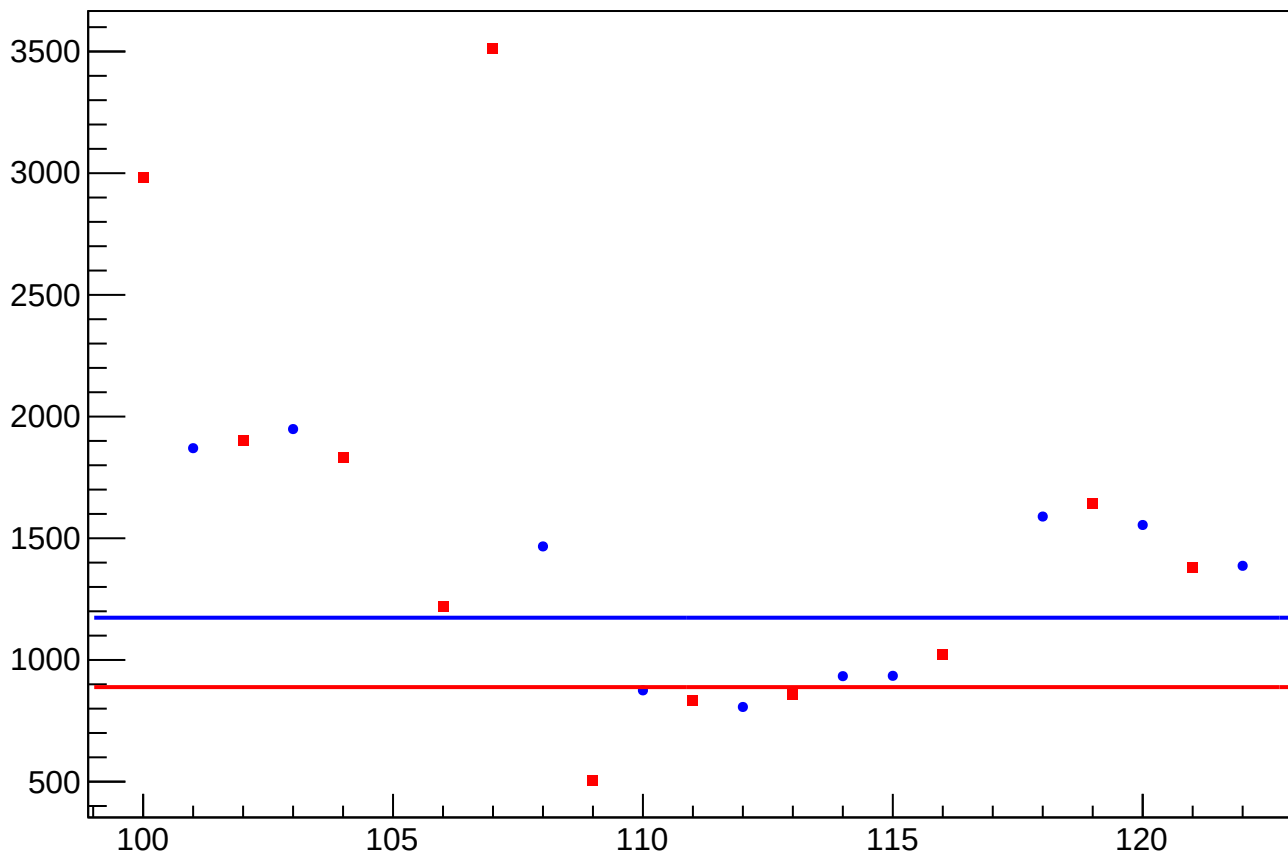
Right: 880.968+/-376.076 χ^2/NDF : 18.3/20

In: 333.987+/-614.411 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.968+/-376.076 χ^2/NDF : 18.3/20

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1173.650+/-0.434 χ^2/NDF : 866356.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 888.486+/-0.336 χ^2/NDF : 195558.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

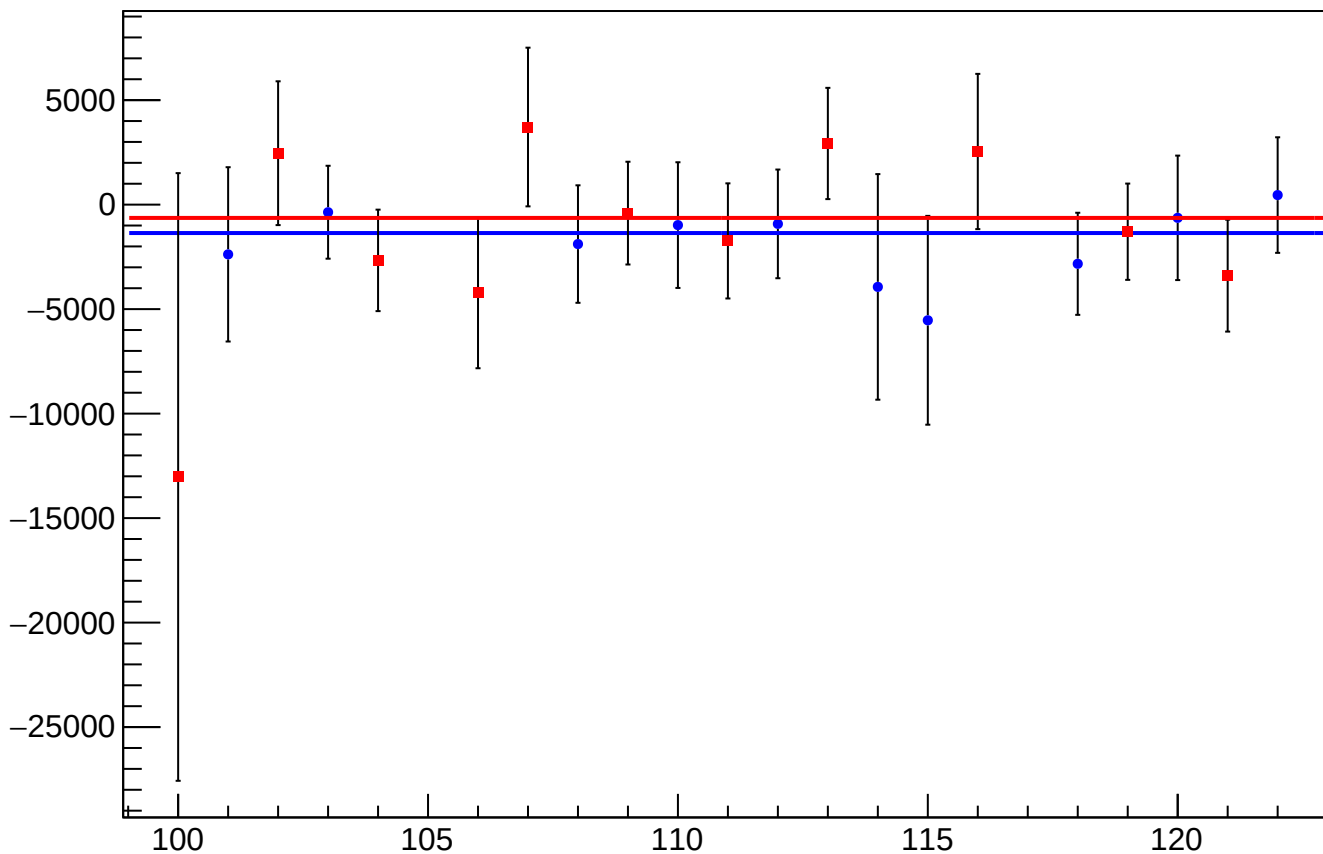
Right: 995.324+/-0.266 χ^2/NDF : 3091331.1/20

In: 1173.650+/-0.434 χ^2/NDF :866356.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 995.324+/-0.266 χ^2/NDF : 3091331.1/20

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1359.310+/-940.545 χ^2/NDF : 2.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.872+/-896.582 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

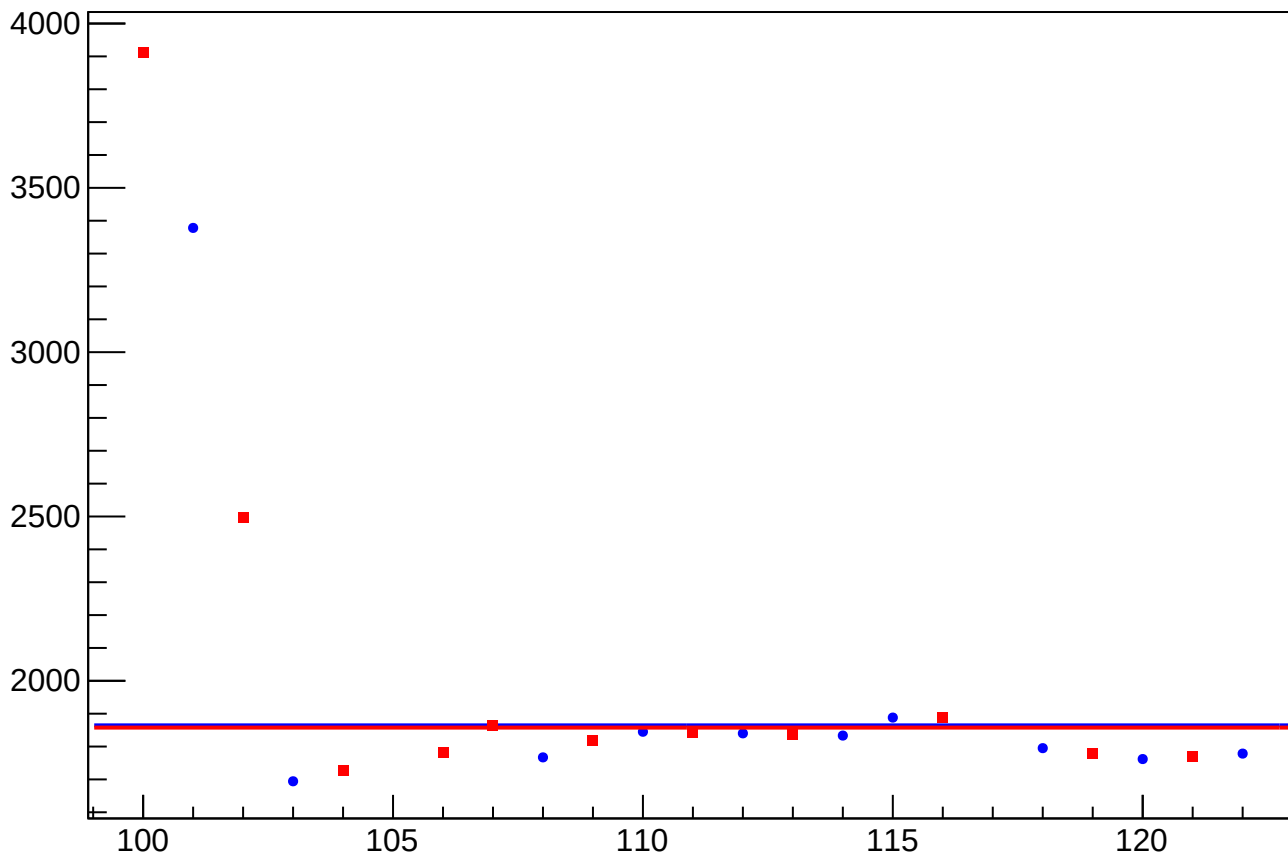
Right: -980.289+/-648.965 χ^2/NDF : 10.8/20

In: -1359.310+/-940.545 χ^2/NDF : 2.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -980.289+/-648.965 χ^2/NDF : 10.8/20

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1864.451+/-0.665 χ^2/NDF : 283855.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1857.664+/-0.634 χ^2/NDF : 121082.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

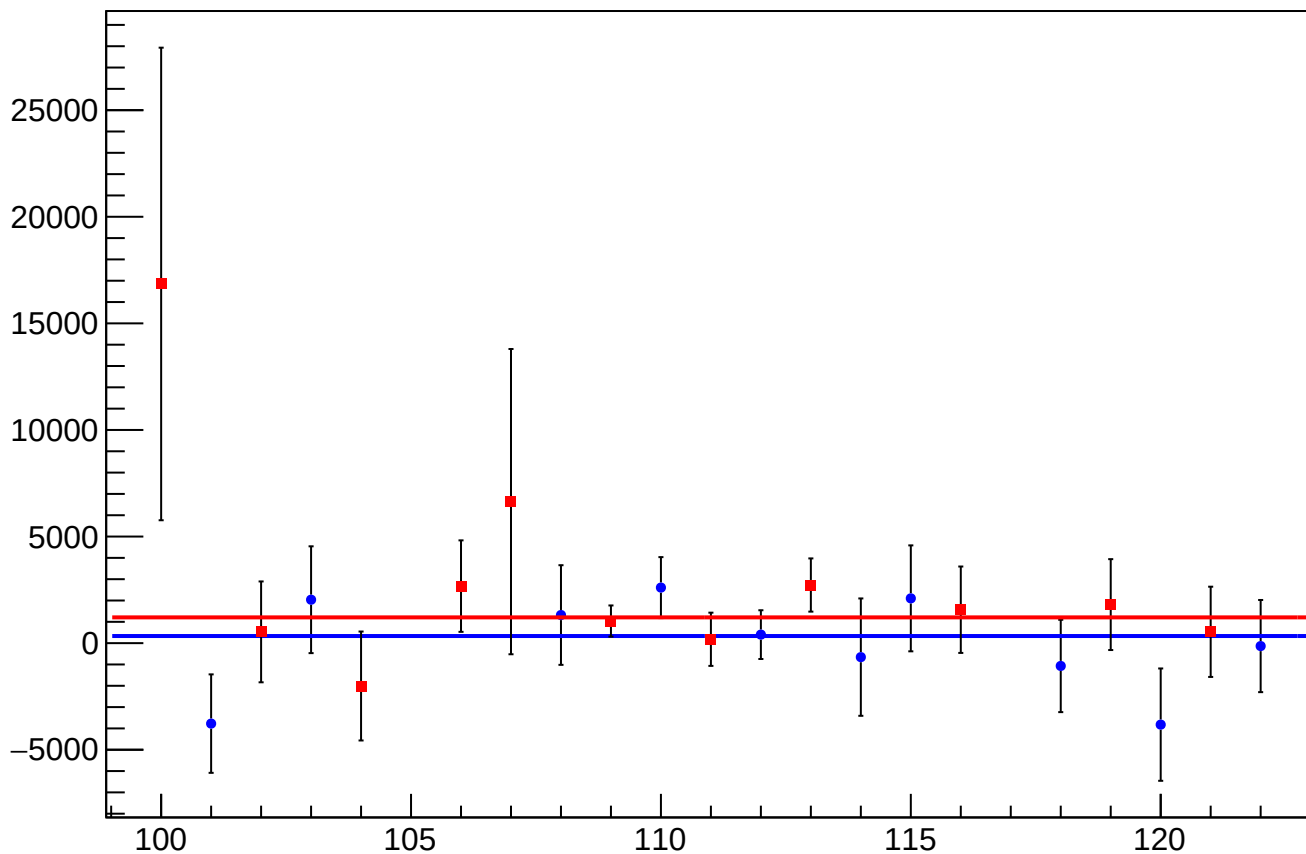
Right: 1860.895+/-0.459 χ^2/NDF : 404992.8/20

In: 1864.451+/-0.665 χ^2/NDF : 283855.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.895+/-0.459 χ^2/NDF : 404992.8/20

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 333.988+/-614.408 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1208.672+/-475.570 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

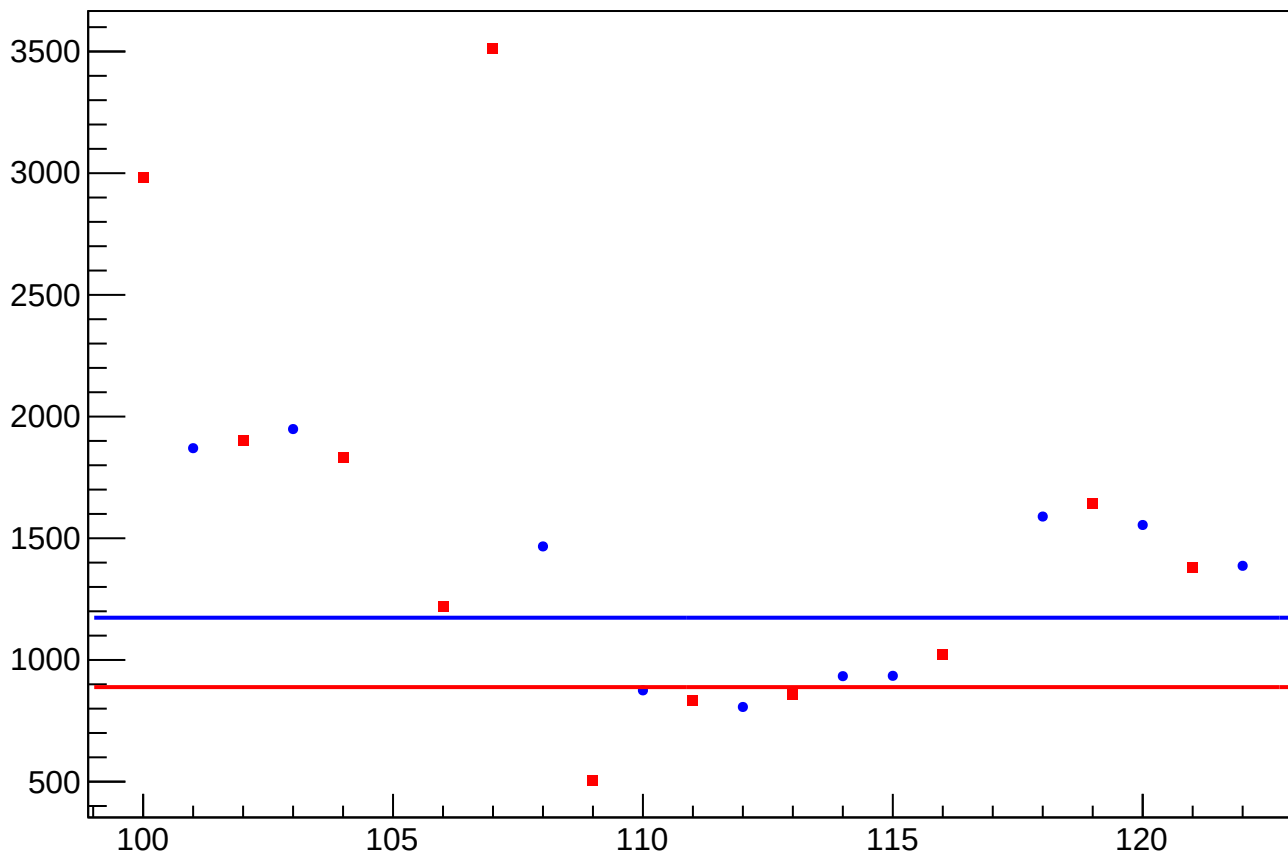
Right: 880.966+/-376.074 χ^2/NDF : 18.3/20

In: 333.988+/-614.408 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.966+/-376.074 χ^2/NDF : 18.3/20

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1173.643+/-0.434 χ^2/NDF : 866368.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.484+/-0.336 χ^2/NDF : 1955551.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

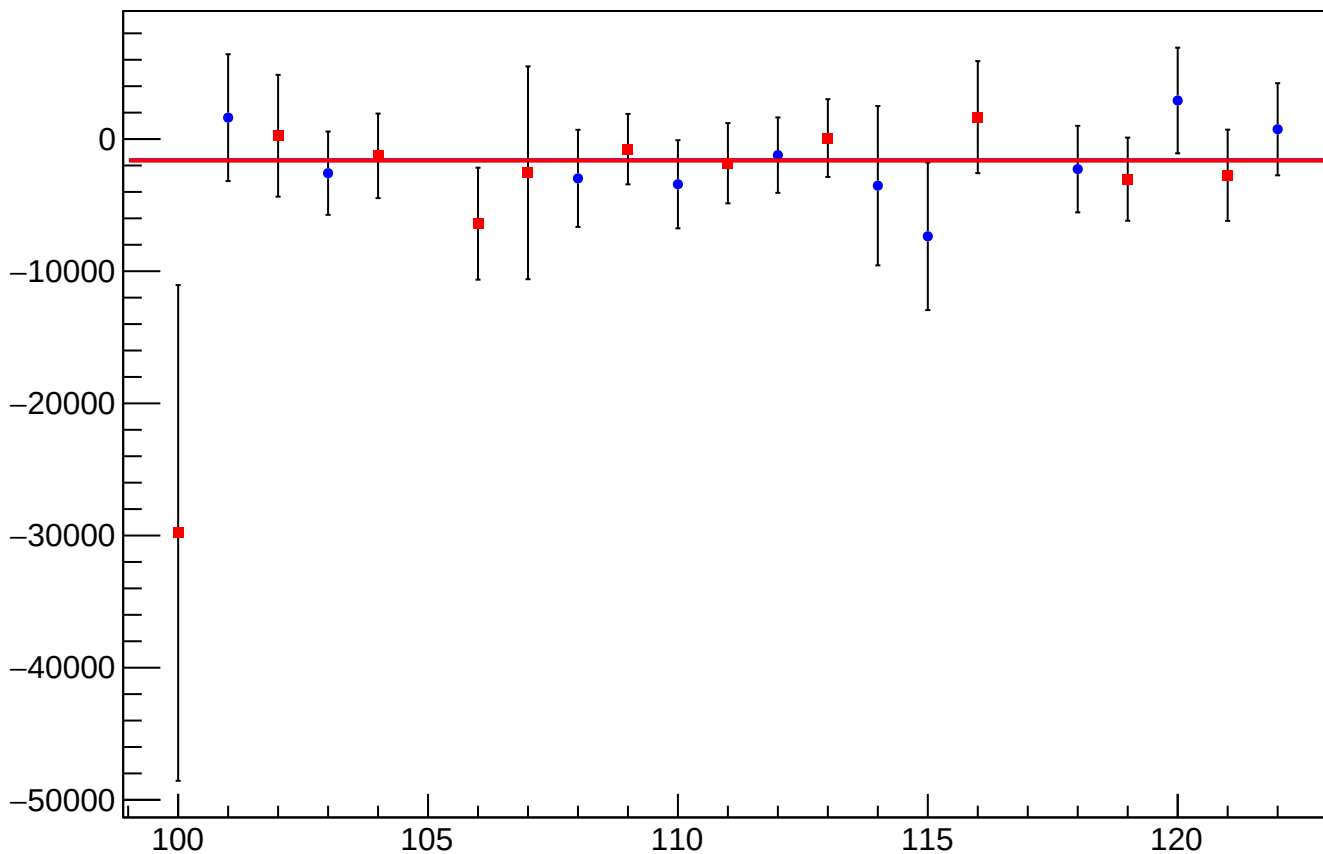
Right: 995.321+/-0.266 χ^2/NDF : 3091325.5/20

In: 1173.643+/-0.434 χ^2/NDF : 866368.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 995.321+/-0.266 χ^2/NDF : 3091325.5/20

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1602.328+/-1171.441 χ^2/NDF : 3.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1619.484+/-1101.441 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

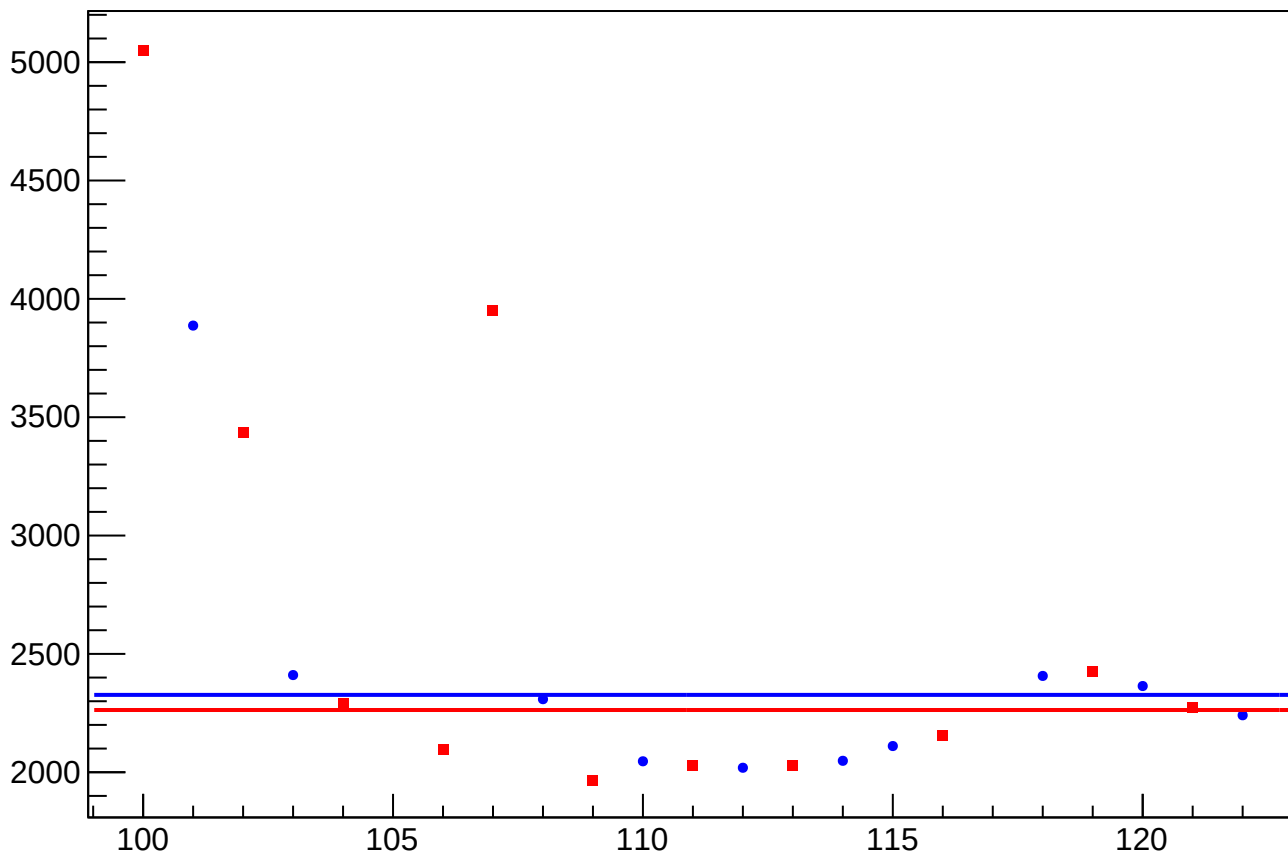
Right: -1611.434+/-802.443 χ^2/NDF : 9.0/20

In: -1602.328+/-1171.441 χ^2/NDF : 3.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1611.434+/-802.443 χ^2/NDF : 9.0/20

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2326.830+/-0.828 χ^2/NDF : 260354.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2262.938+/-0.779 χ^2/NDF : 320831.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

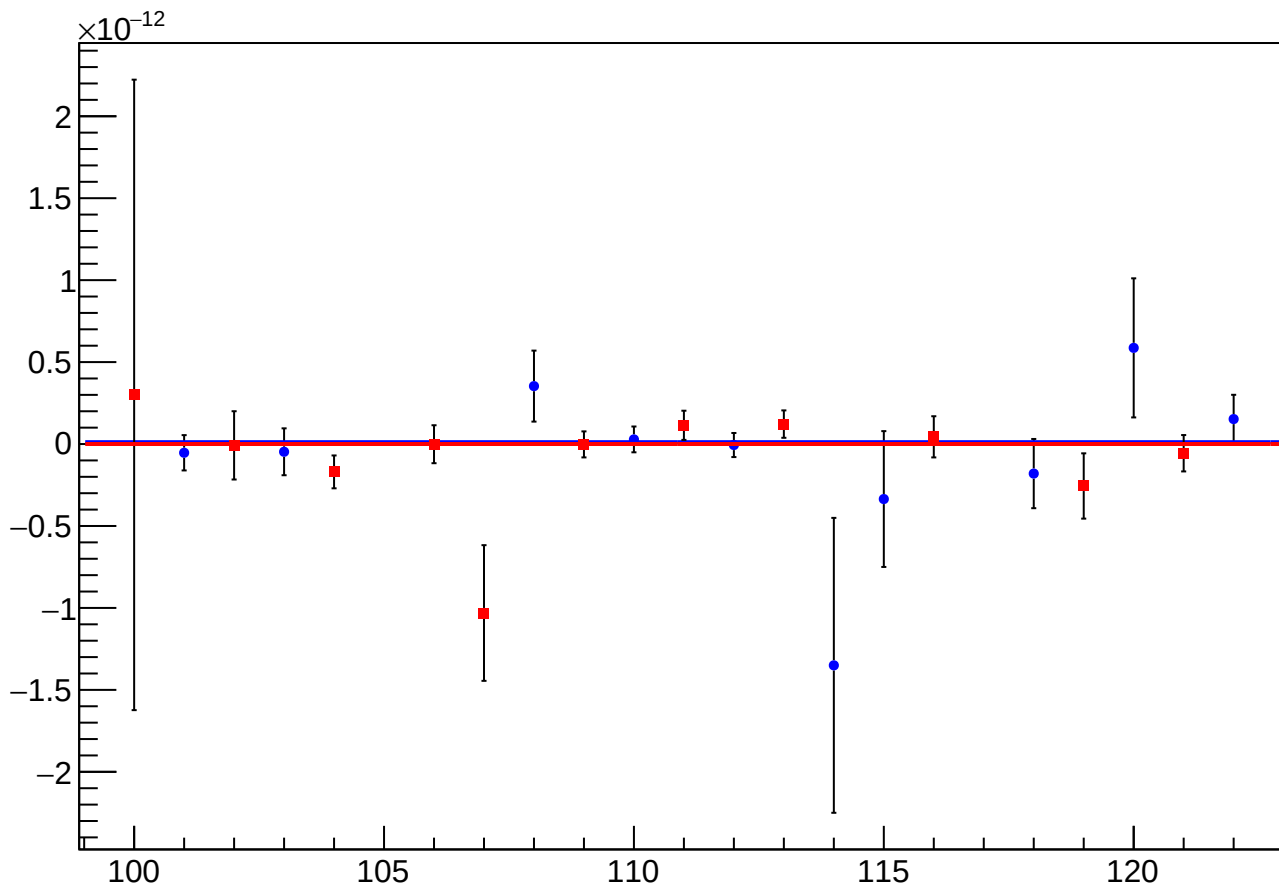
Right: 2292.918+/-0.567 χ^2/NDF : 584343.7/20

In: 2326.830+/-0.828 χ^2/NDF : 260354.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2292.918+/-0.567 χ^2/NDF : 584343.7/20

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 : 14.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

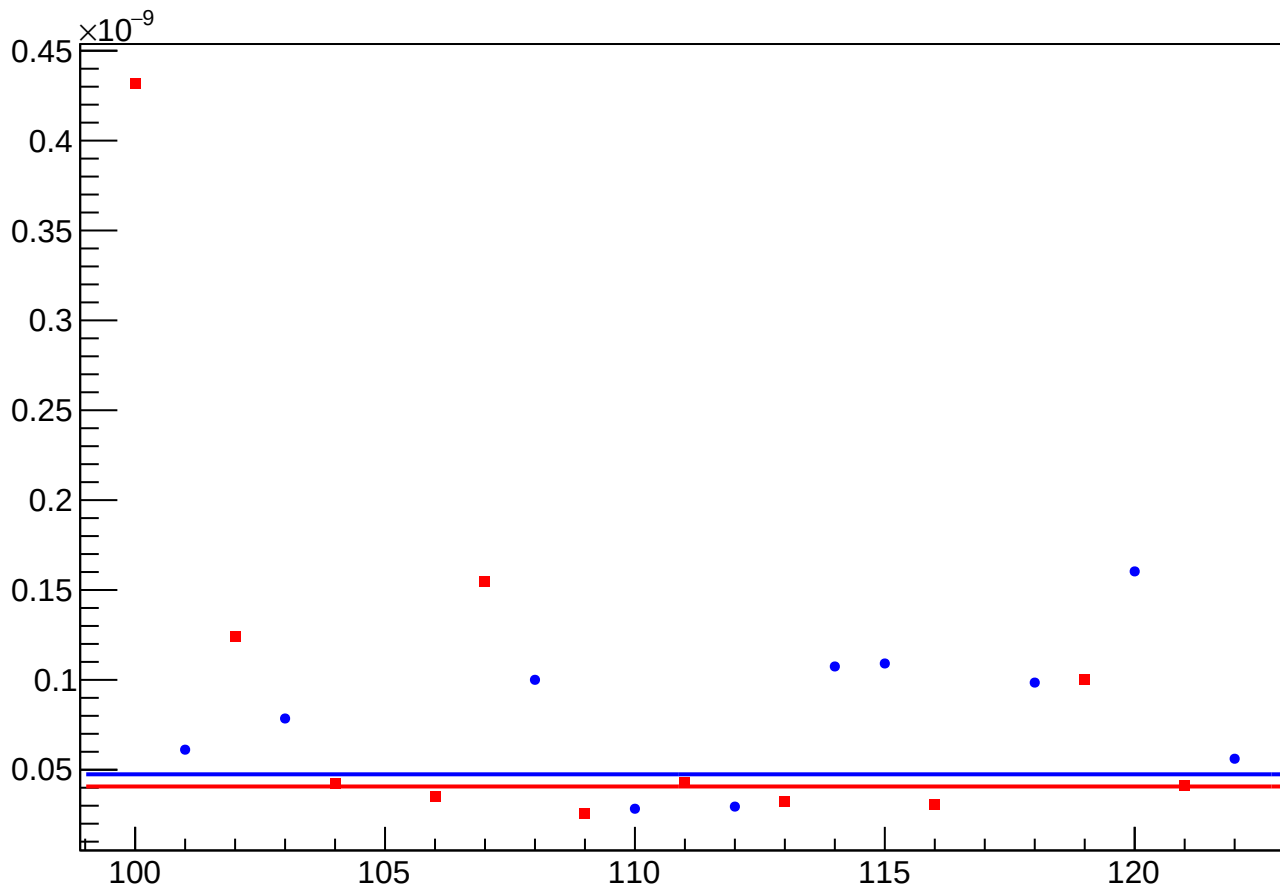
Right: 0.000+/-0.000 χ^2/NDF : 24.6/20

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 : 24.6/20

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 800704.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 843965.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

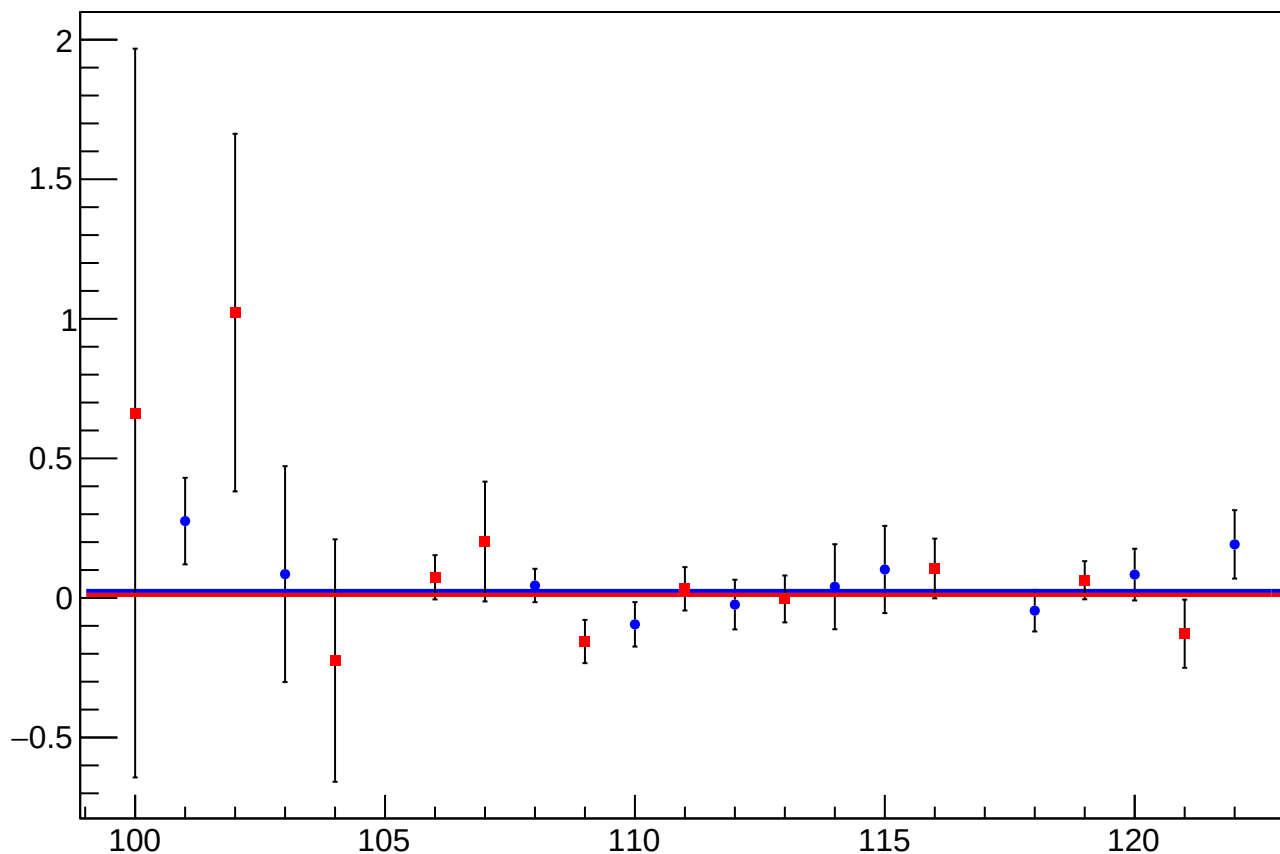
Right: 0.000+/-0.000 χ^2/NDF : 1675661.6/20

In: 0.000+/-0.000 χ^2/NDF : 800704.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1675661.6/20

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.031 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.031 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

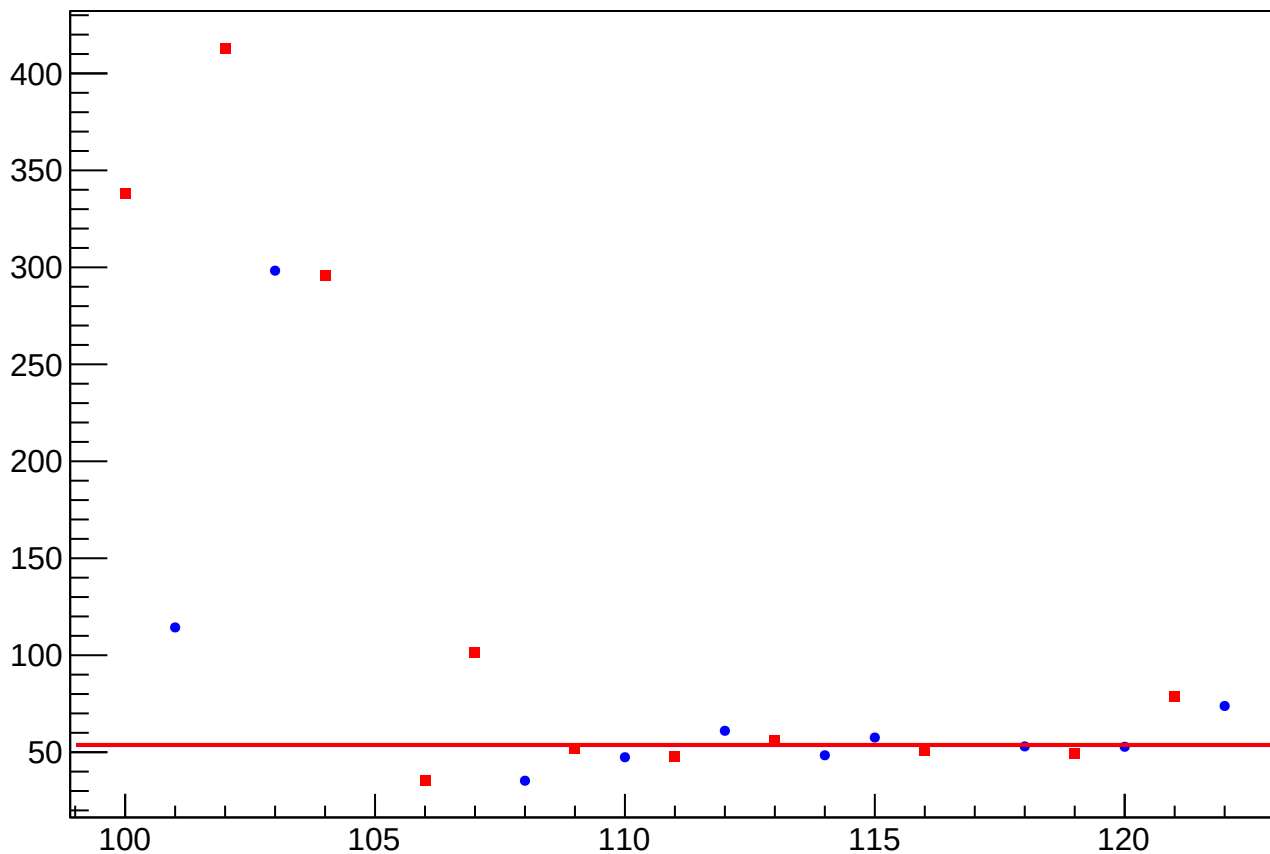
Right: 0.018+/-0.022 χ^2/NDF : 20.7/20

In: 0.025+/-0.031 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.022 χ^2/NDF : 20.7/20

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.692+/-0.022 χ^2/NDF : 1379563.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.779+/-0.022 χ^2/NDF : 1659824.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

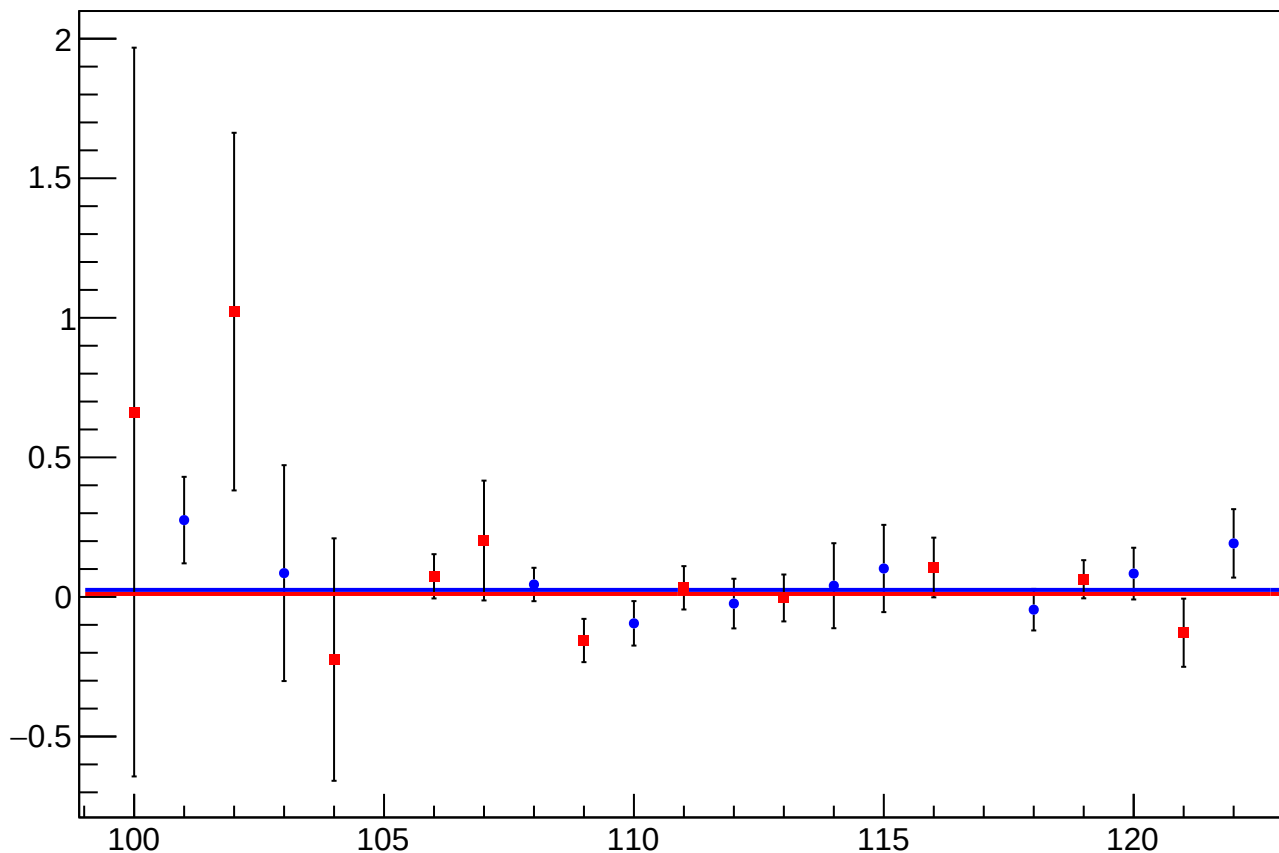
Right: 53.735+/-0.015 χ^2/NDF : 3039396.2/20

In: 53.692+/-0.022 χ^2/NDF : 1379563.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.735+/-0.015 χ^2/NDF : 3039396.2/20

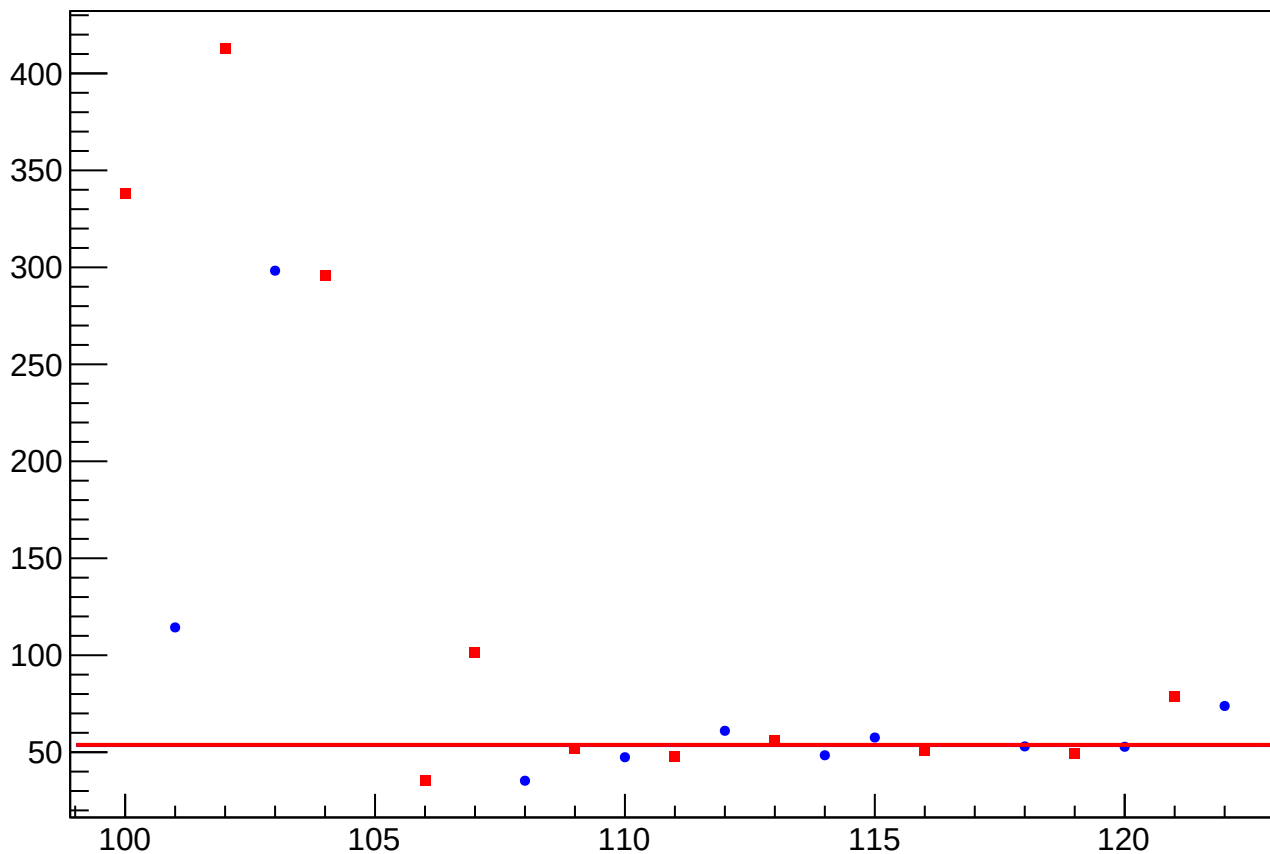
asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.031 χ^2/NDF : 8.7/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.011+/-0.031 χ^2/NDF : 11.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.018+/-0.022 χ^2/NDF : 20.7/20
 In: 0.025+/-0.031 χ^2/NDF : 8.7/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.018+/-0.022 χ^2/NDF : 20.7/20

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.692+/-0.022 χ^2/NDF : 1379563.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.779+/-0.022 χ^2/NDF : 1659824.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

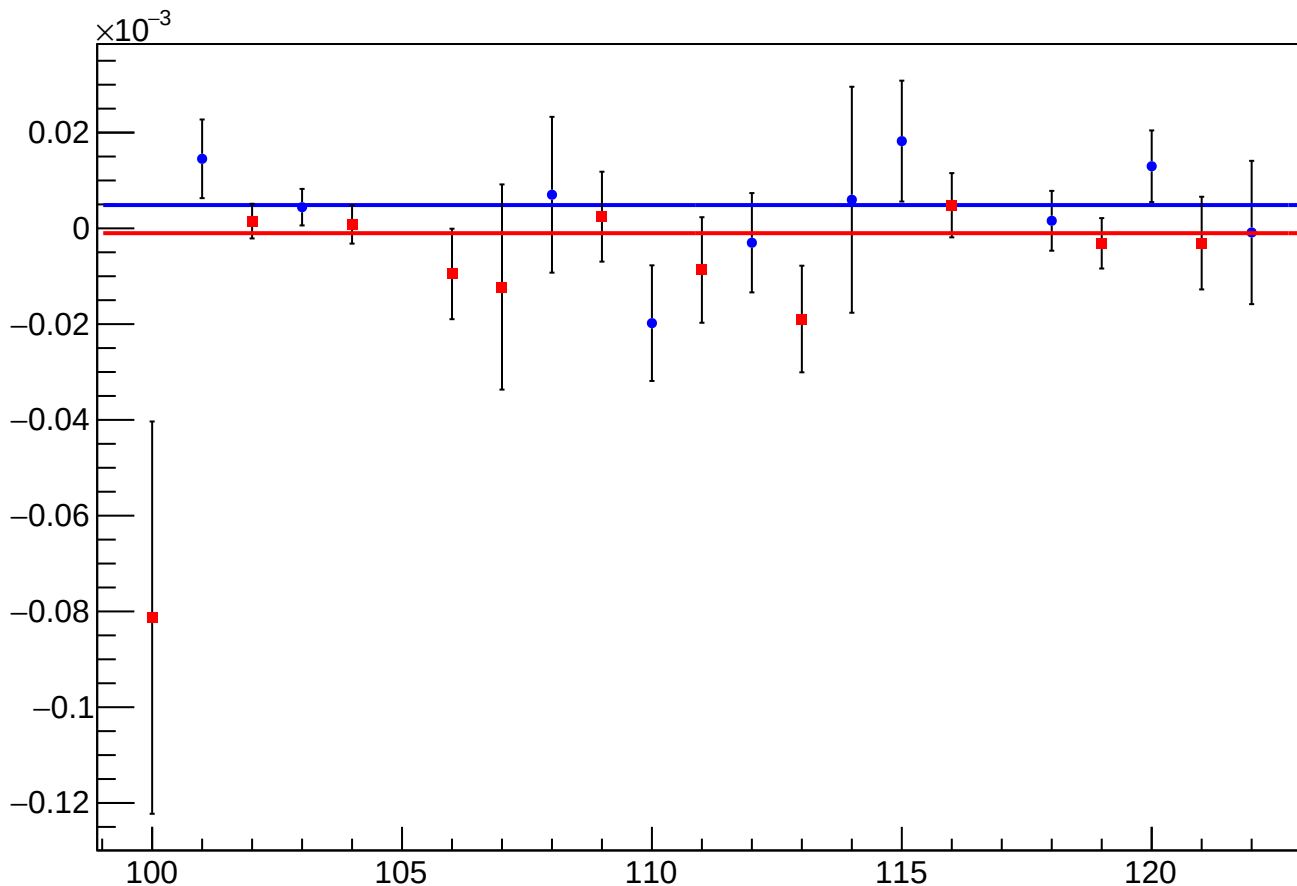
Right: 53.735+/-0.015 χ^2/NDF : 3039396.2/20

In: 53.692+/-0.022 χ^2/NDF : 1379563.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.735+/-0.015 χ^2/NDF : 3039396.2/20

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 : 8.9/9

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

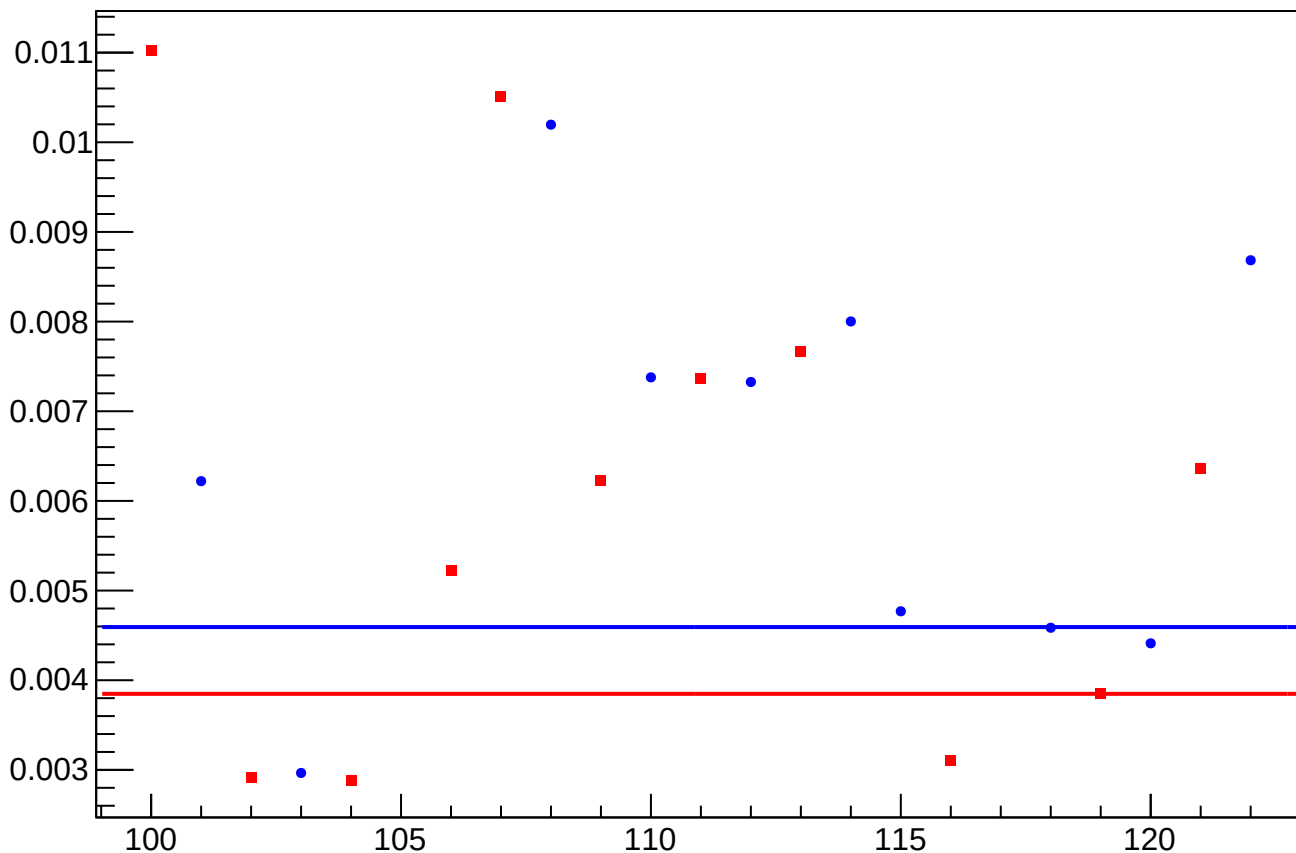
Right: 0.000+/-0.000 χ^2/NDF : 22.0/20

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 : 22.0/20

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 : 1118193.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1271795.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

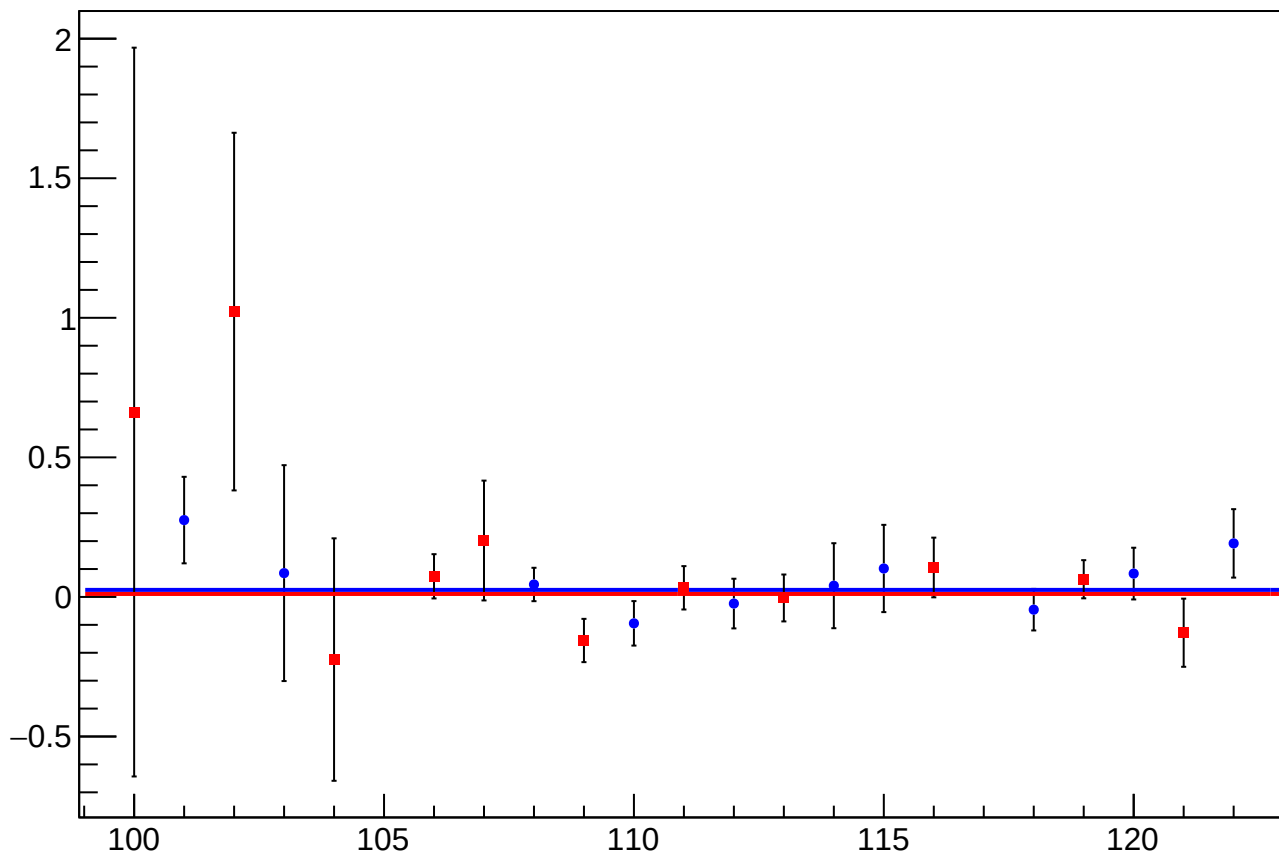
Right: 0.004+/-0.000 χ^2/NDF : 2497901.3/20

In: 0.005+/-0.000 χ^2/NDF : 1118193.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2497901.3/20

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.031 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.031 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

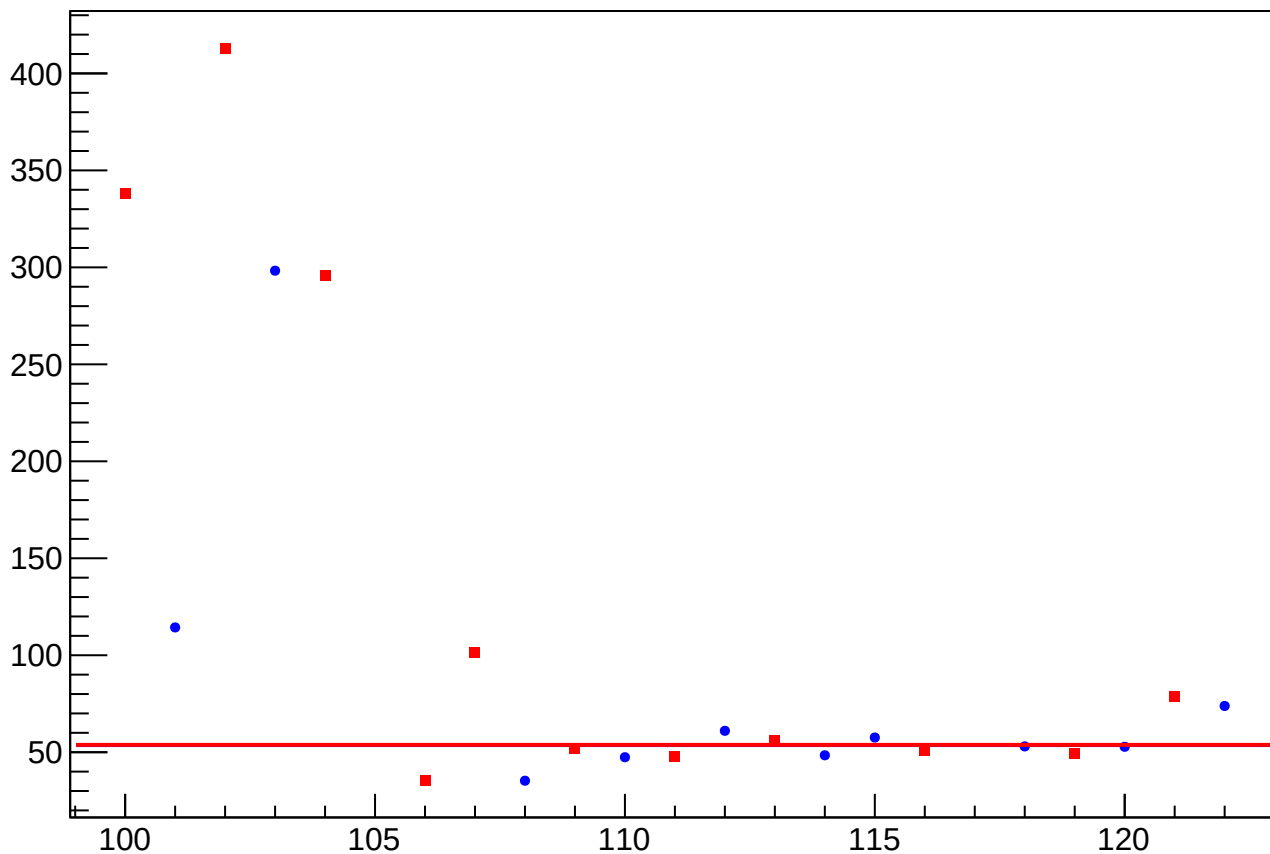
Right: 0.018+/-0.022 χ^2/NDF : 20.7/20

In: 0.025+/-0.031 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.022 χ^2/NDF : 20.7/20

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.694+/-0.022 χ^2/NDF : 1379474.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.779+/-0.022 χ^2/NDF : 1659804.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

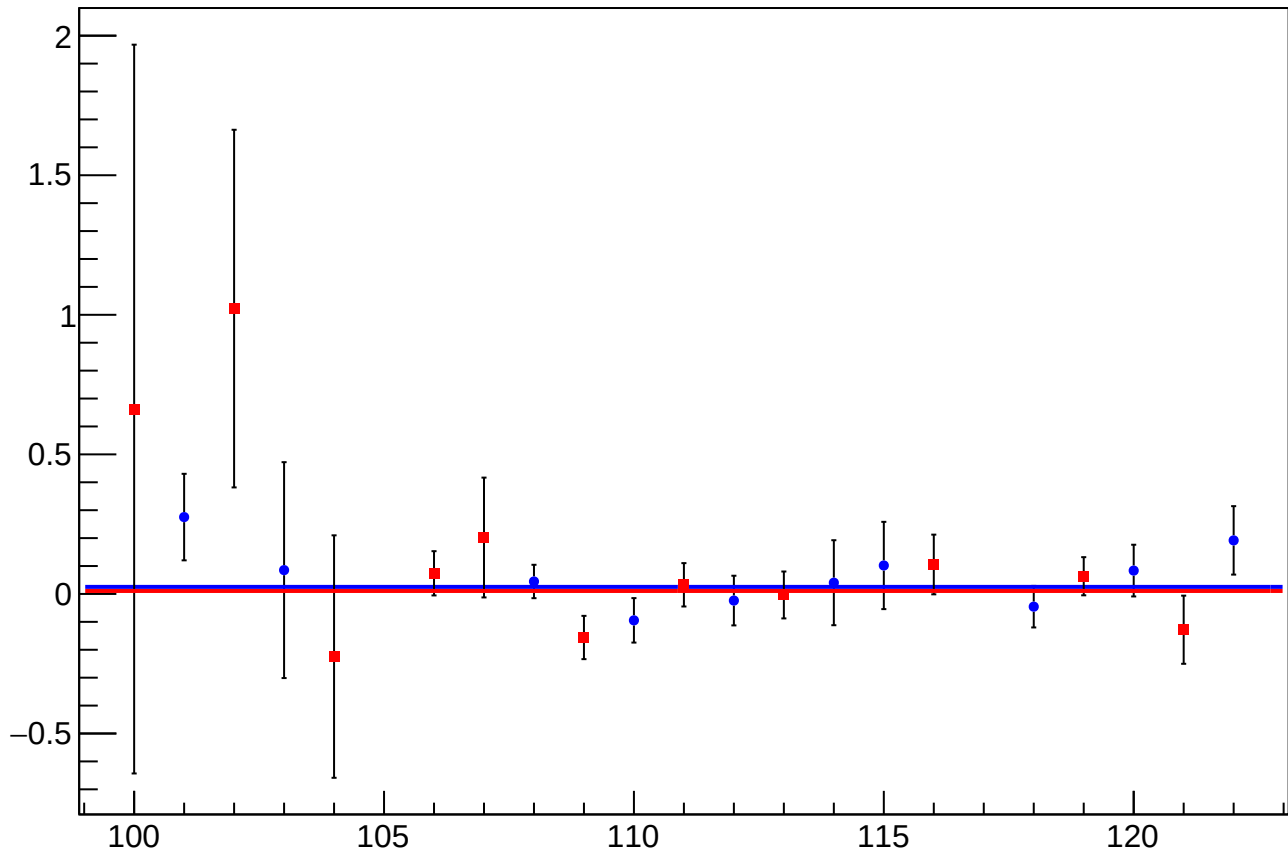
Right: 53.736+/-0.015 χ^2/NDF : 3039286.4/20

In: 53.694+/-0.022 χ^2/NDF : 1379474.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.736+/-0.015 χ^2/NDF : 3039286.4/20

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.031 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.031 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

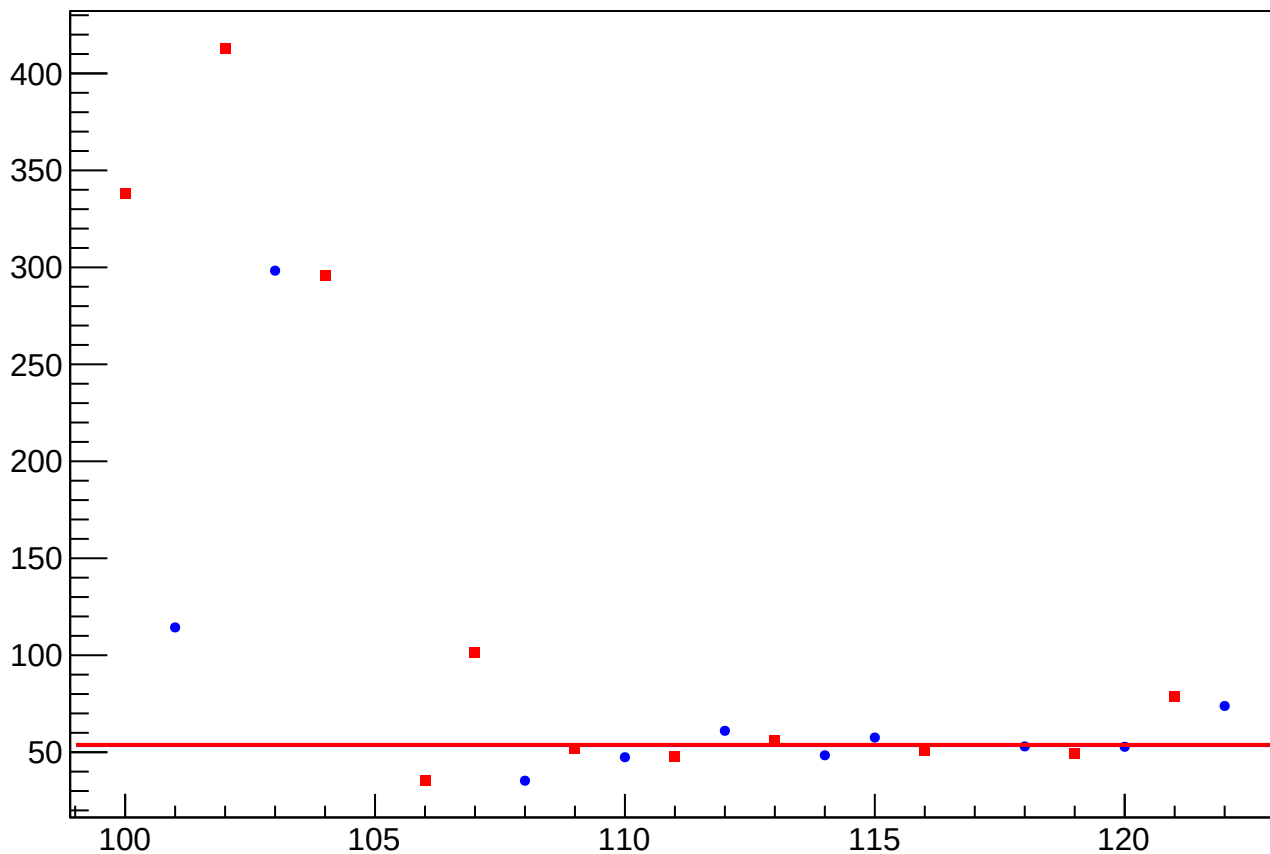
Right: 0.018+/-0.022 χ^2/NDF : 20.7/20

In: 0.025+/-0.031 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.022 χ^2/NDF : 20.7/20

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.694+/-0.022 χ^2/NDF : 1379474.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.779+/-0.022 χ^2/NDF : 1659804.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

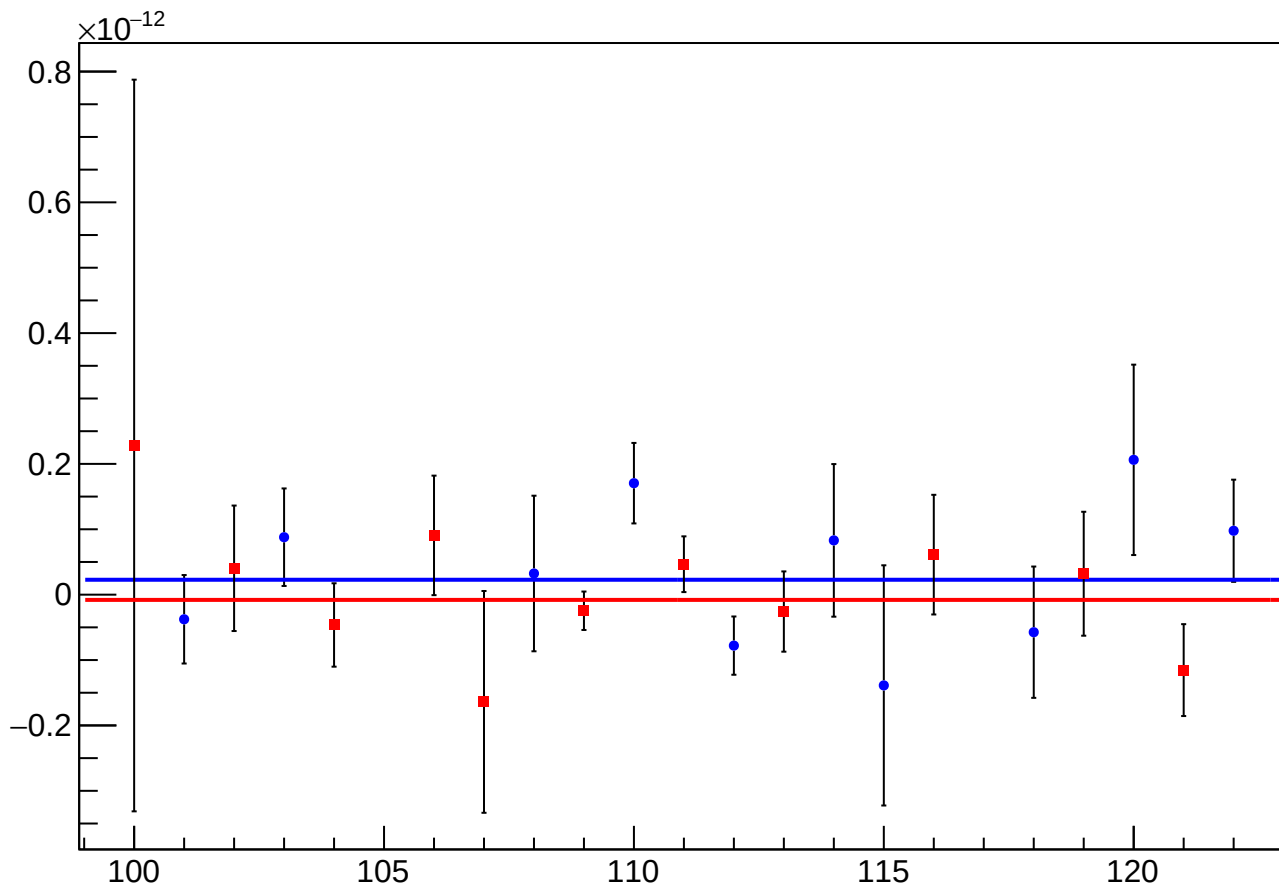
Right: 53.736+/-0.015 χ^2/NDF : 3039286.4/20

In: 53.694+/-0.022 χ^2/NDF : 1379474.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.736+/-0.015 χ^2/NDF : 3039286.4/20

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 : 16.6/9

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

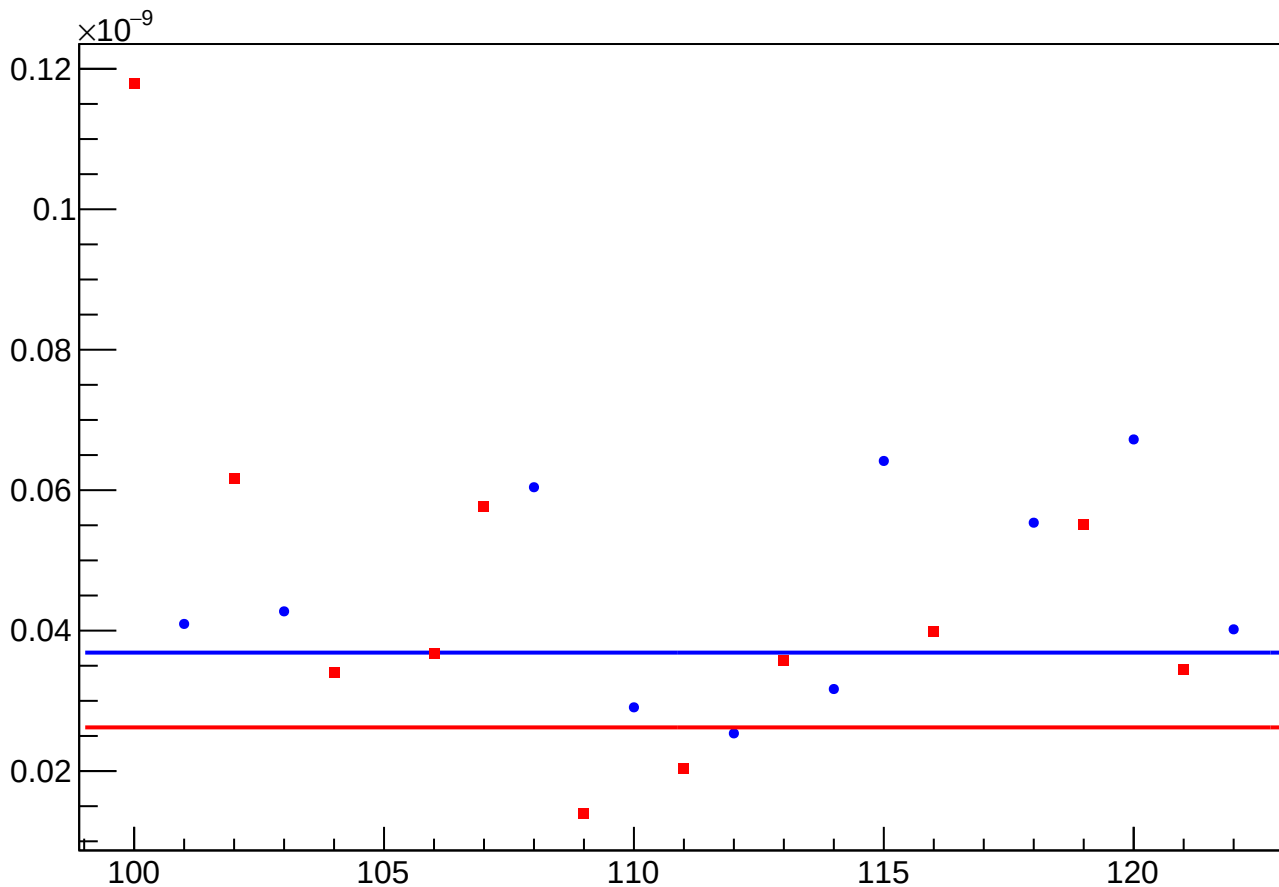
Right: 0.000+/-0.000 χ^2/NDF : 25.6/20

In: 0.000+/-0.000 χ^2/NDF : 16.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.6/20

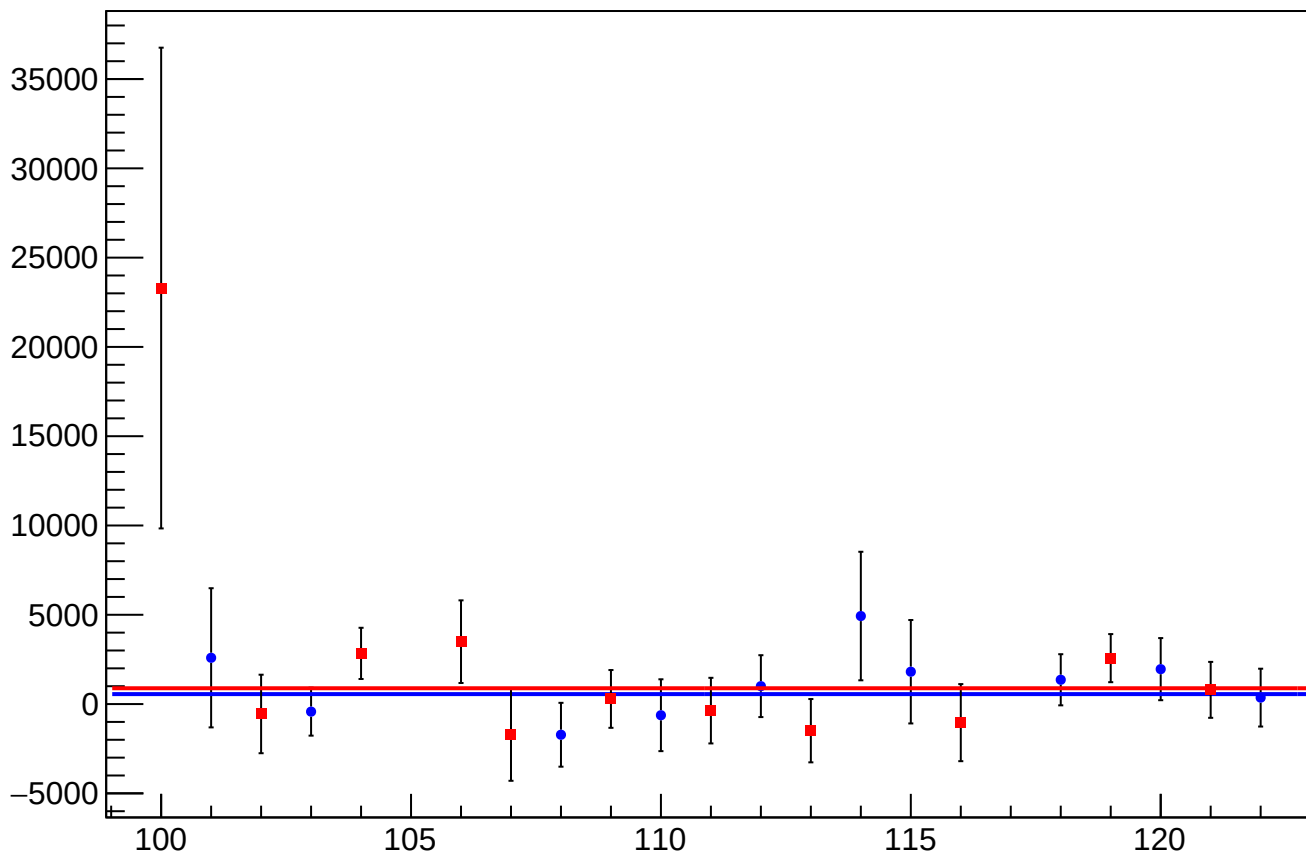
asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 469999.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1143029.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1852108.3/20
 In: 0.000+/-0.000 χ^2/NDF : 469999.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1852108.3/20

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 557.494+/-586.337 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 885.520+/-558.607 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

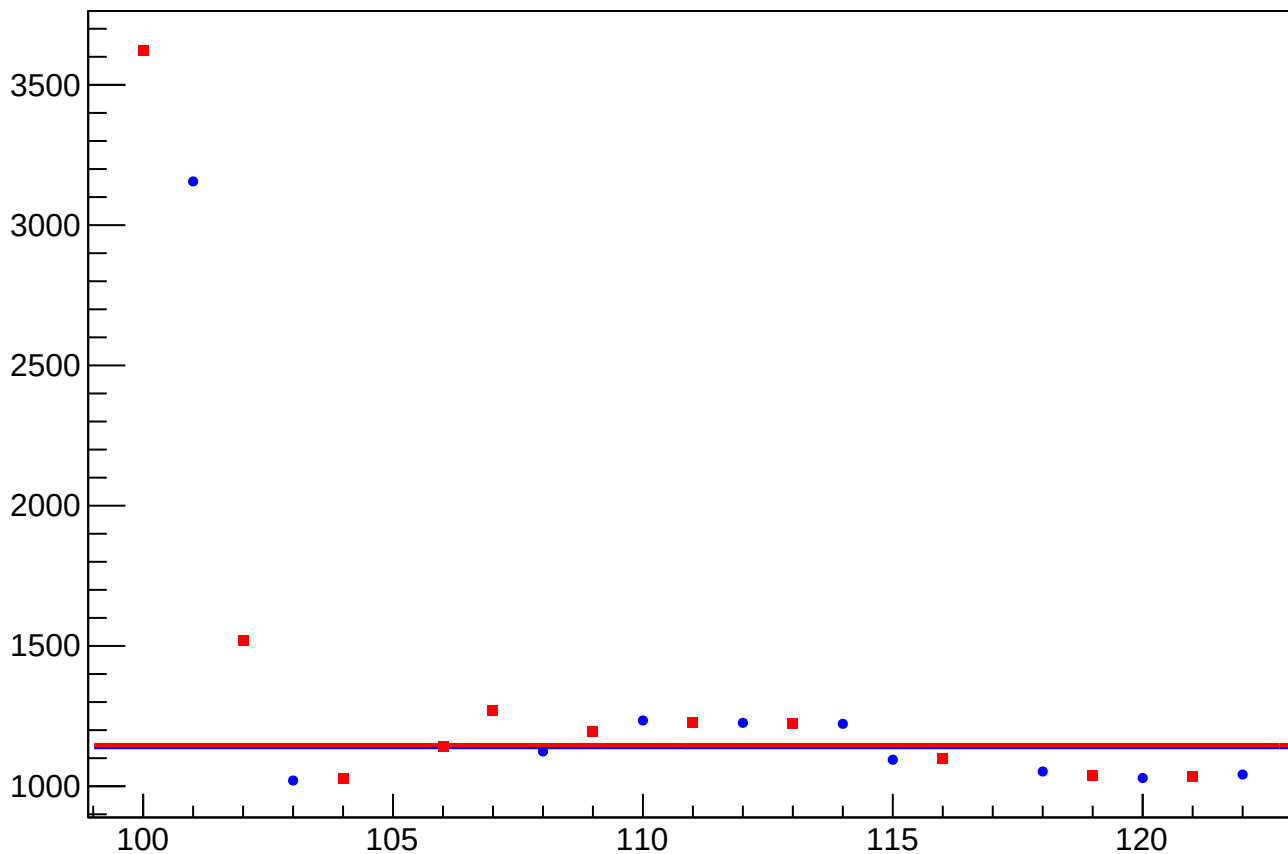
Right: 729.447+/-404.443 χ^2/NDF : 17.7/20

In: 557.494+/-586.337 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.447+/-404.443 χ^2/NDF : 17.7/20

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1139.150+/-0.415 χ^2/NDF : 584973.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1147.262+/-0.395 χ^2/NDF : 177330.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

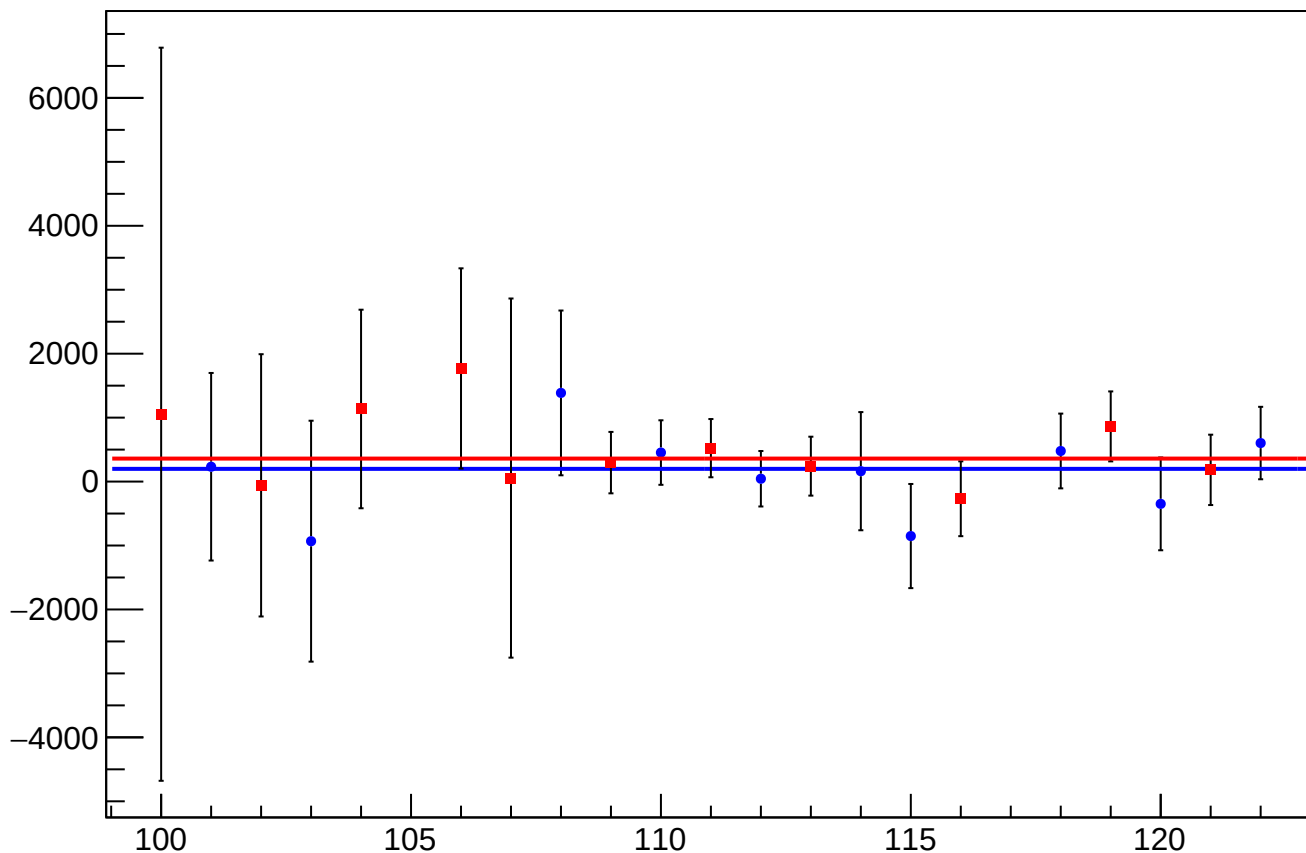
Right: 1143.402+/-0.286 χ^2/NDF : 762504.2/20

In: 1139.150+/-0.415 χ^2/NDF : 584973.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1143.402+/-0.286 χ^2/NDF : 762504.2/20

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 198.843+/-217.102 χ^2/NDF : 4.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 359.510+/-201.395 χ^2/NDF : 3.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

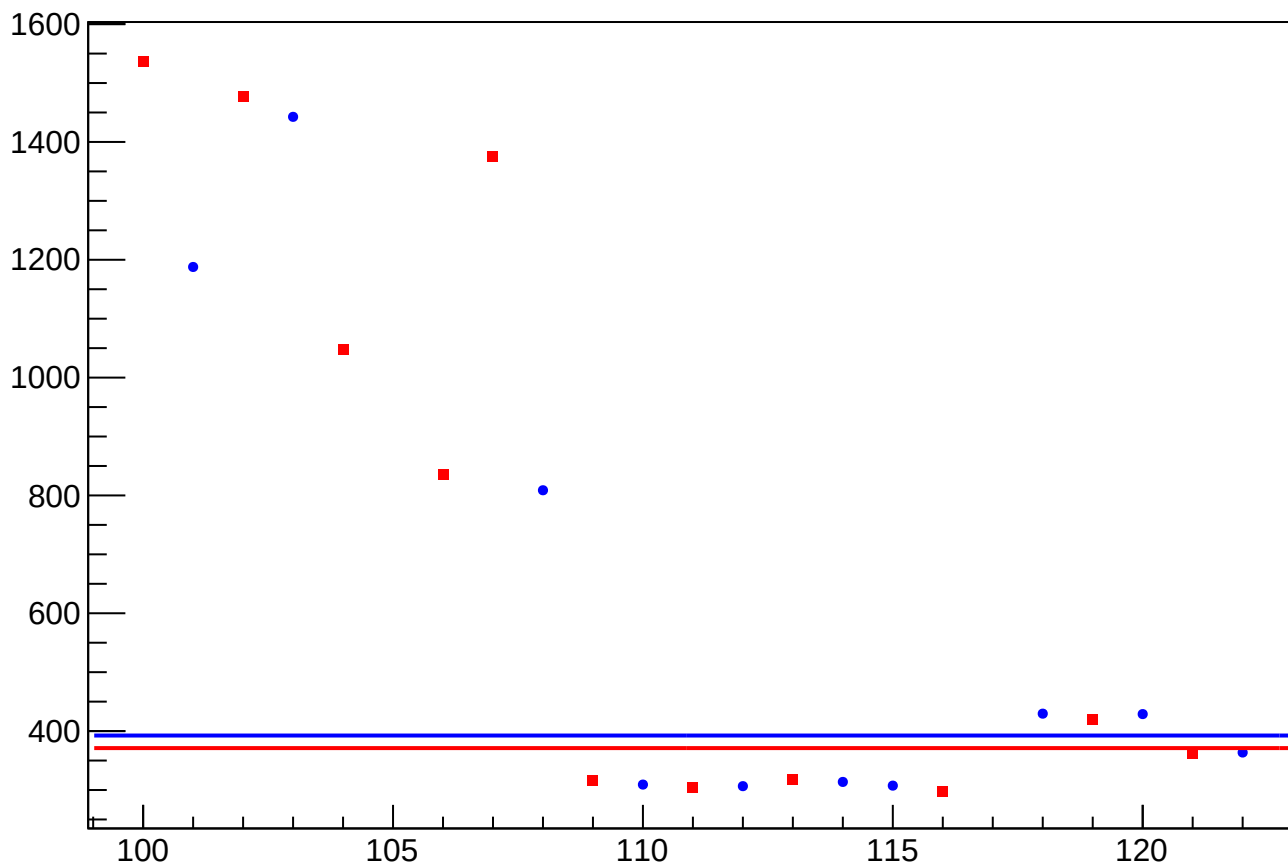
Right: 285.198+/-147.649 χ^2/NDF : 8.3/20

In: 198.843+/-217.102 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.198+/-147.649 χ^2/NDF : 8.3/20

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 392.468+/-0.154 χ^2/NDF : 1606107.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 371.131+/-0.142 χ^2/NDF : 1622532.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

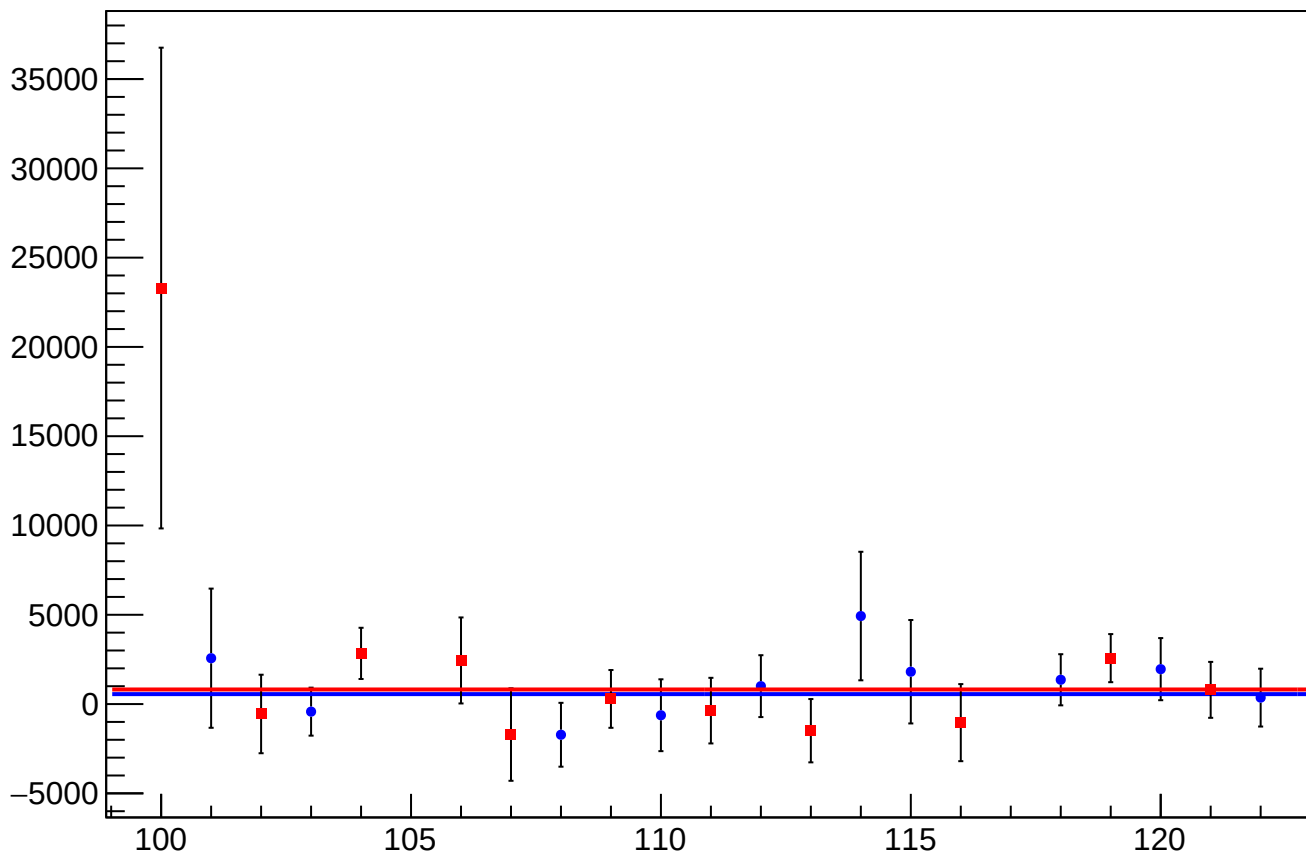
Right: 381.000+/-0.104 χ^2/NDF : 3239023.3/20

In: 392.468+/-0.154 χ^2/NDF :1606107.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 381.000+/-0.104 χ^2/NDF : 3239023.3/20

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 556.860+/-586.337 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 816.959+/-559.867 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

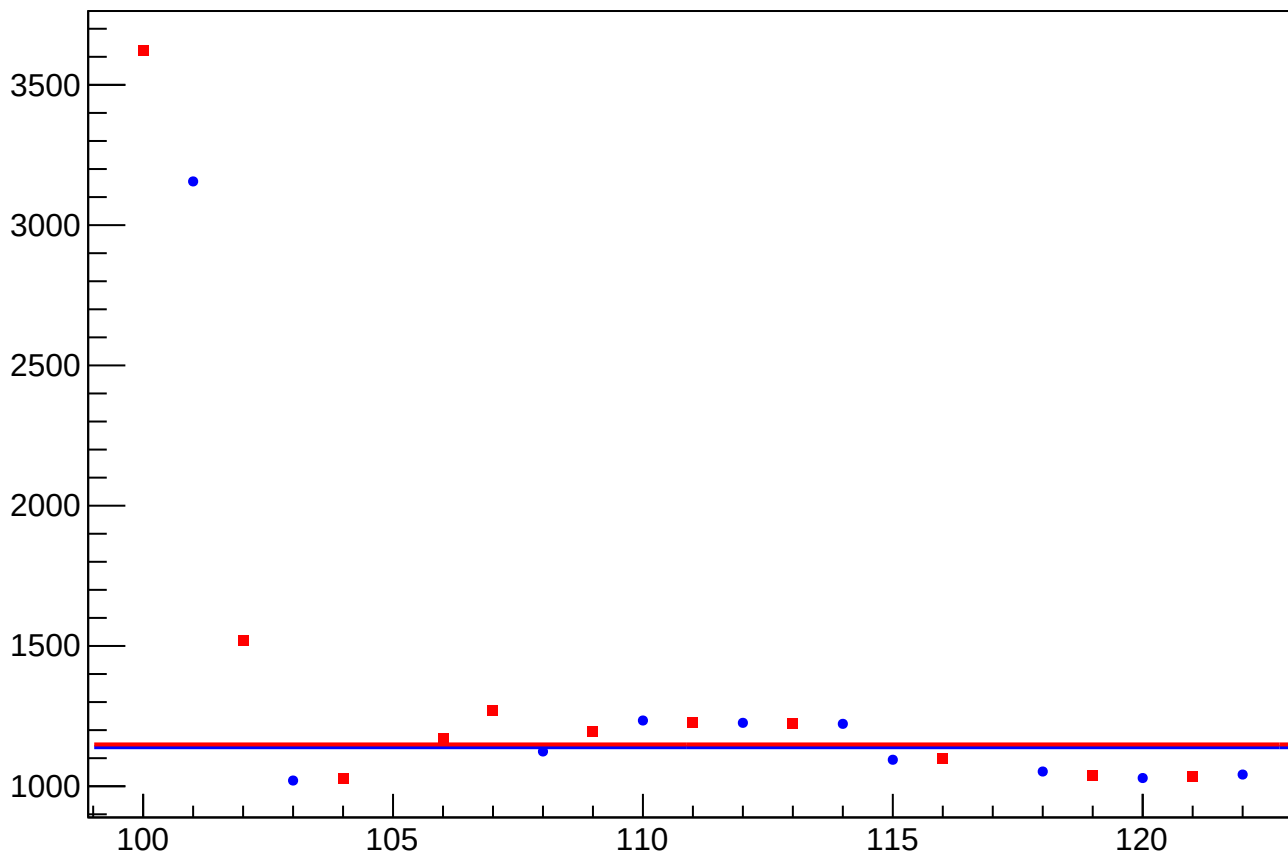
Right: 692.913+/-404.920 χ^2/NDF : 16.8/20

In: 556.860+/-586.337 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.913+/-404.920 χ^2/NDF : 16.8/20

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1139.150+/-0.415 χ^2/NDF : 584974.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1148.987+/-0.396 χ^2/NDF : 177500.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

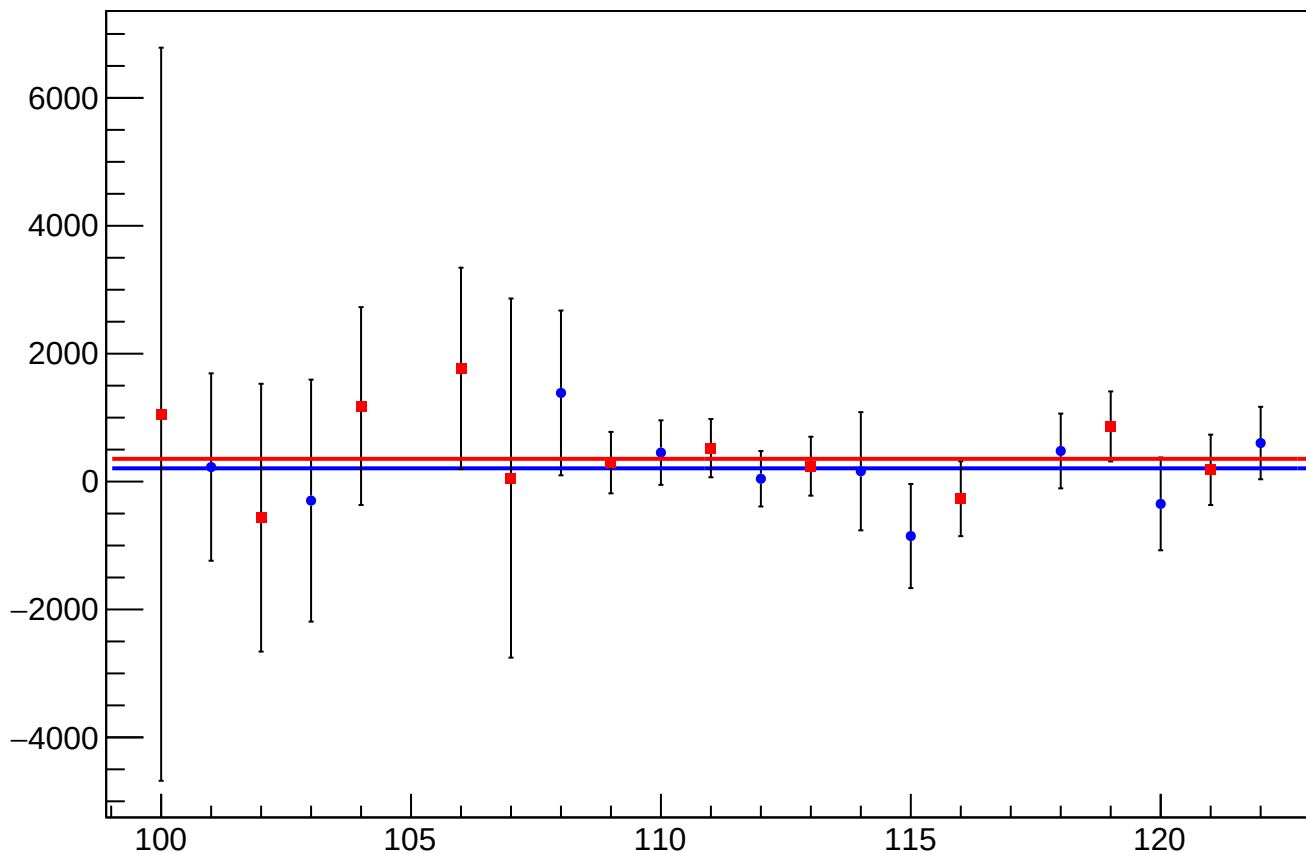
Right: 1144.295+/-0.286 χ^2/NDF : 762769.4/20

In: 1139.150+/-0.415 χ^2/NDF : 584974.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.295+/-0.286 χ^2/NDF : 762769.4/20

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 207.032 $\pm$ 217.110 χ^2 /NDF: 4.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 355.638 $\pm$ 201.447 χ^2 /NDF: 3.6/10

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

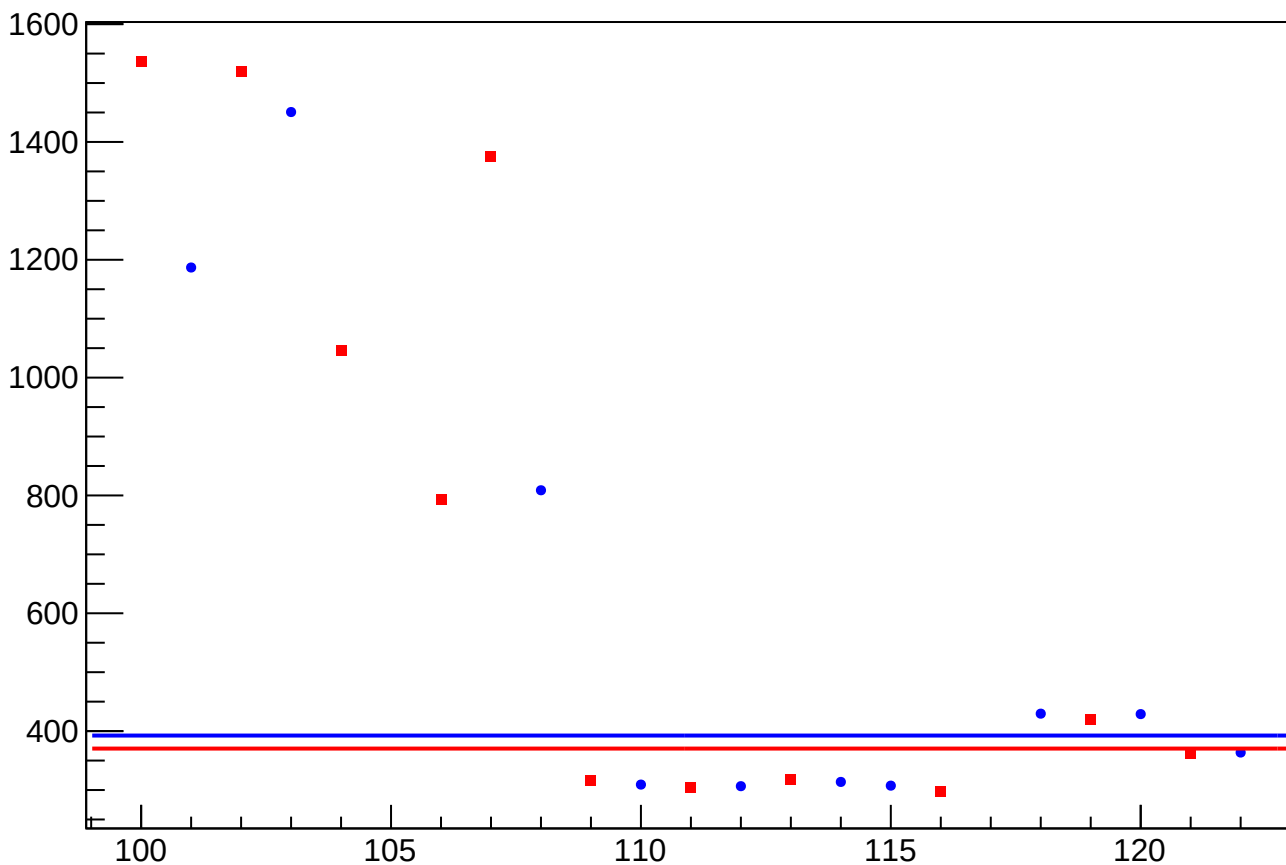
Right: 286.888 $\pm$ 147.672 χ^2 /NDF: 8.1/20

In: 207.032 $\pm$ 217.110 χ^2 /NDF:4.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 286.888 $\pm$ 147.672 χ^2 /NDF: 8.1/20

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 392.456+/-0.154 χ^2/NDF : 1609776.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.353+/-0.142 χ^2/NDF : 1609444.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

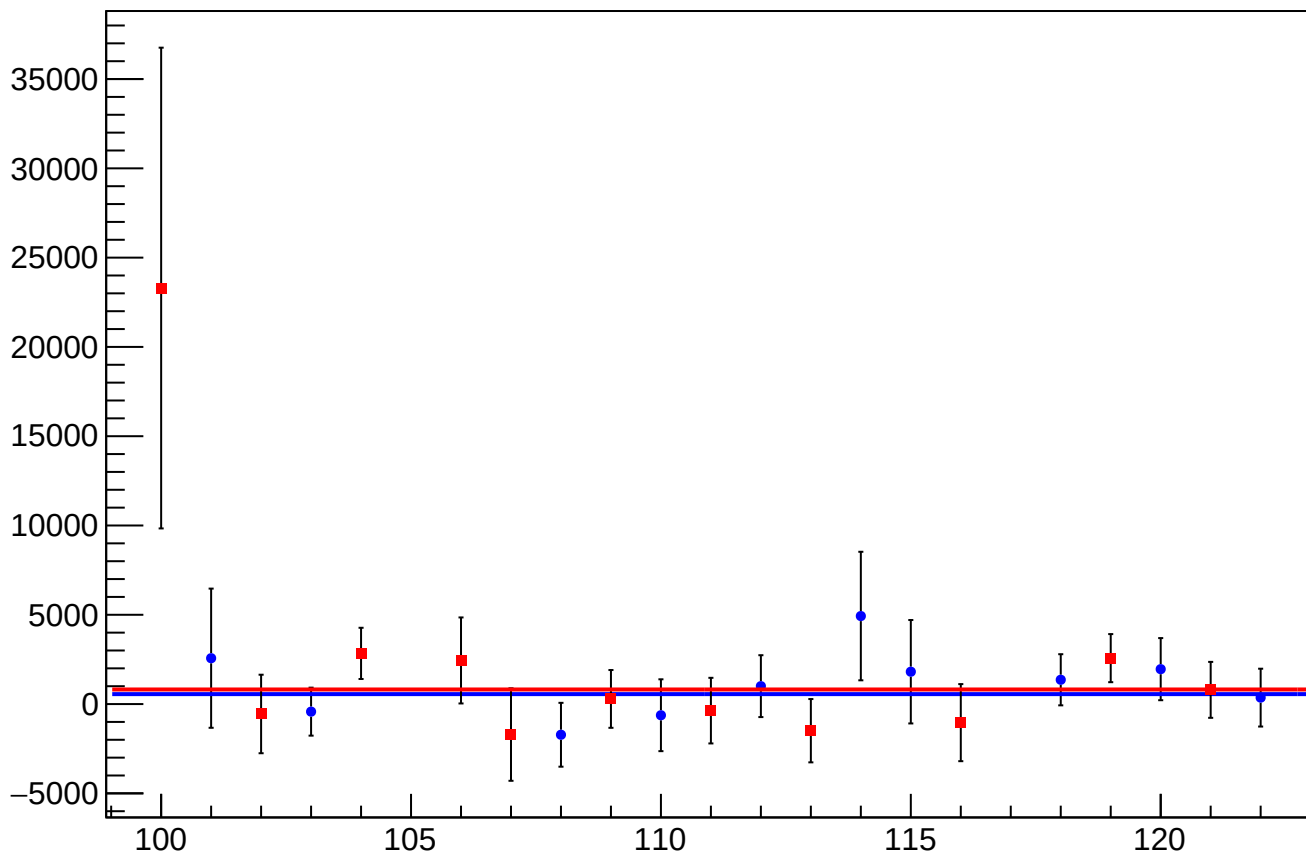
Right: 380.578+/-0.104 χ^2/NDF : 3230359.7/20

In: 392.456+/-0.154 χ^2/NDF : 1609776.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.578+/-0.104 χ^2/NDF : 3230359.7/20

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 556.860+/-586.337 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 816.959+/-559.867 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

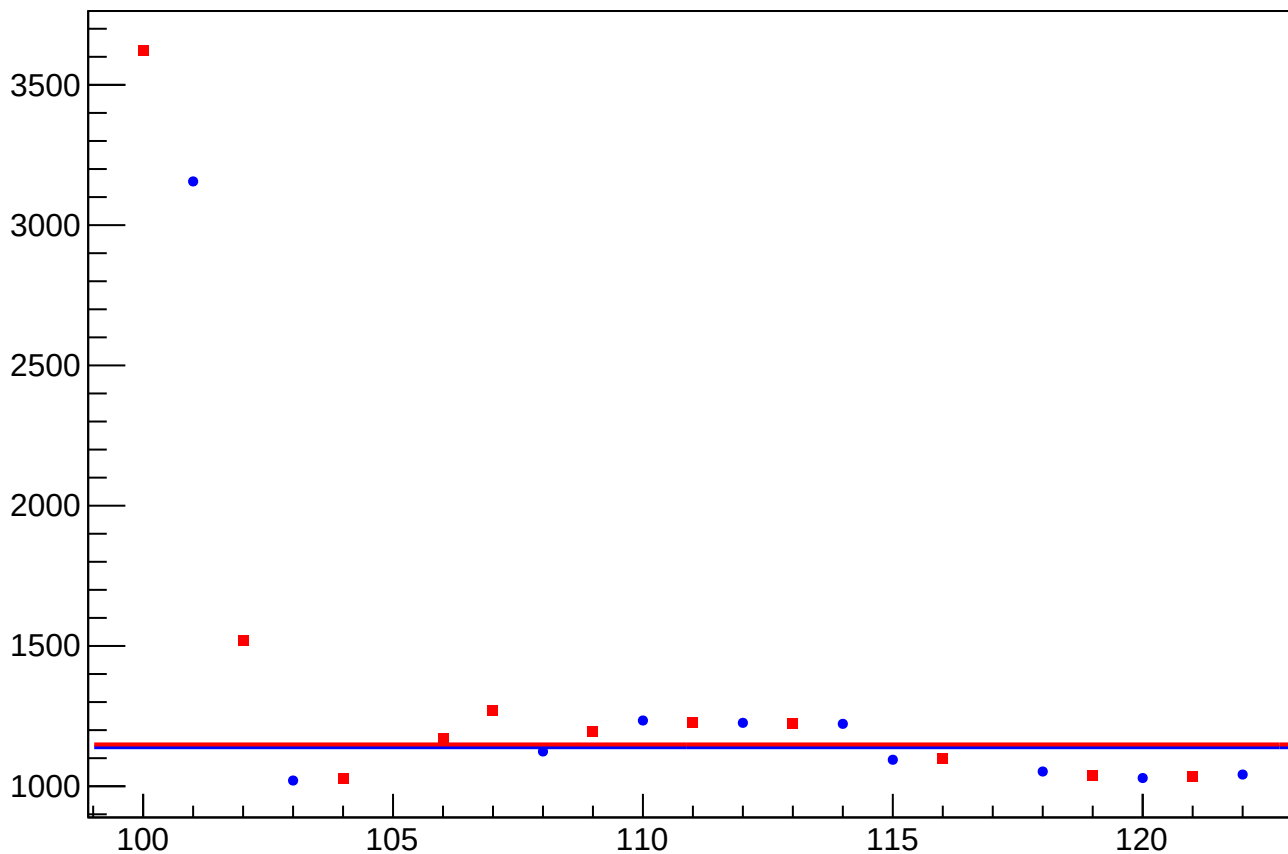
Right: 692.913+/-404.920 χ^2/NDF : 16.8/20

In: 556.860+/-586.337 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.913+/-404.920 χ^2/NDF : 16.8/20

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1139.150+/-0.415 χ^2/NDF : 584974.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1148.987+/-0.396 χ^2/NDF : 177500.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

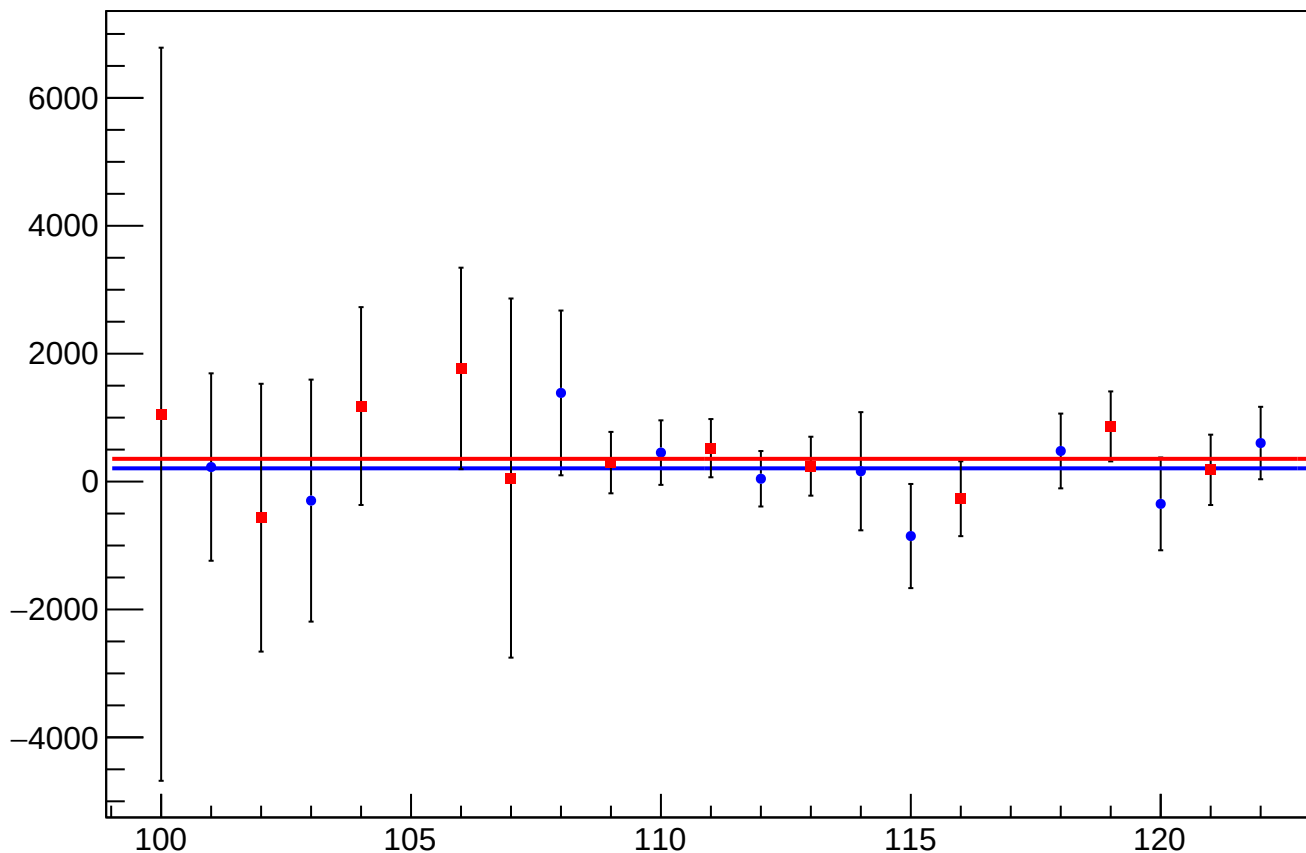
Right: 1144.295+/-0.286 χ^2/NDF : 762769.4/20

In: 1139.150+/-0.415 χ^2/NDF : 584974.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.295+/-0.286 χ^2/NDF : 762769.4/20

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 207.032+/-217.110 χ^2/NDF : 4.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 355.638+/-201.447 χ^2/NDF : 3.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

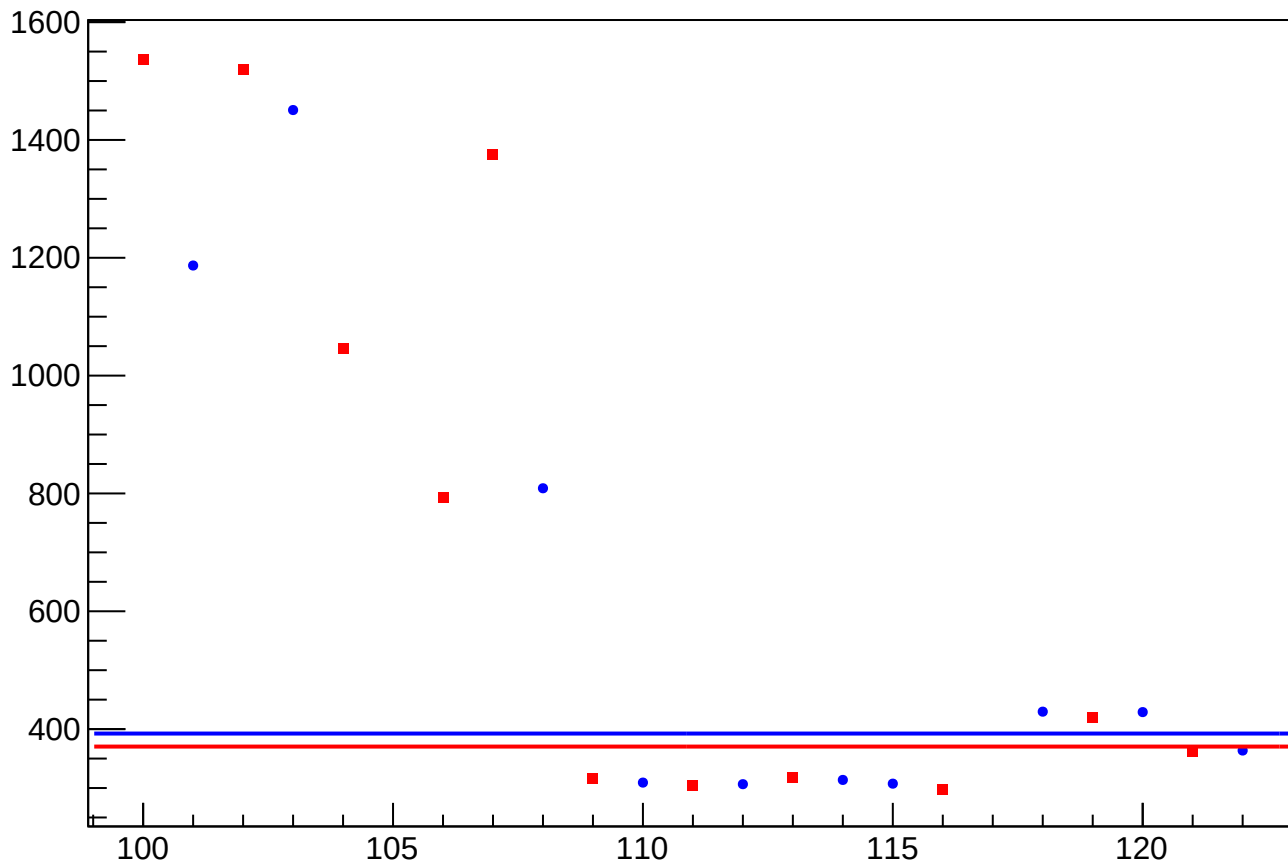
Right: 286.888+/-147.672 χ^2/NDF : 8.1/20

In: 207.032+/-217.110 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.888+/-147.672 χ^2/NDF : 8.1/20

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 392.456+/-0.154 χ^2/NDF : 1609776.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.353+/-0.142 χ^2/NDF : 1609444.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

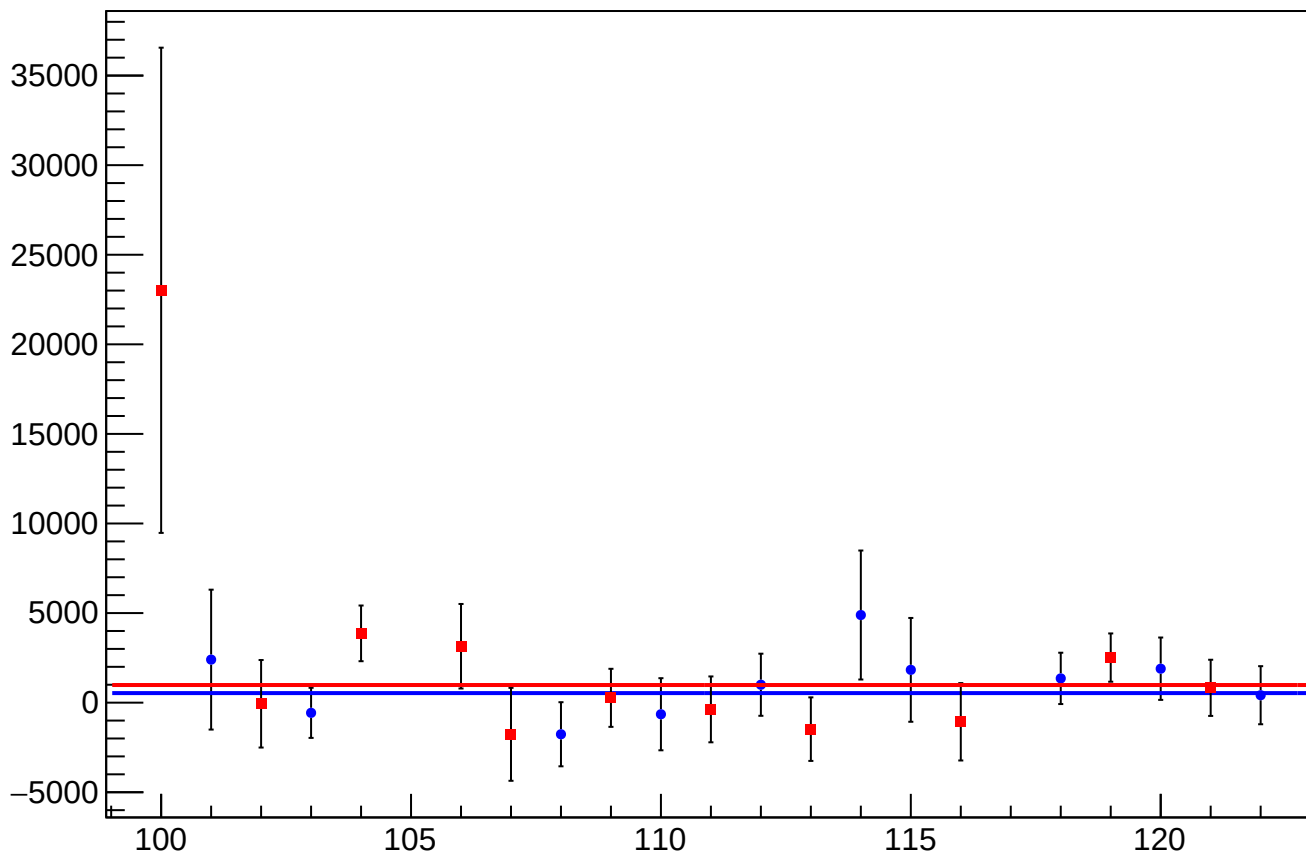
Right: 380.578+/-0.104 χ^2/NDF : 3230359.7/20

In: 392.456+/-0.154 χ^2/NDF : 1609776.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.578+/-0.104 χ^2/NDF : 3230359.7/20

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 533.586+/-590.894 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.258+/-569.541 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

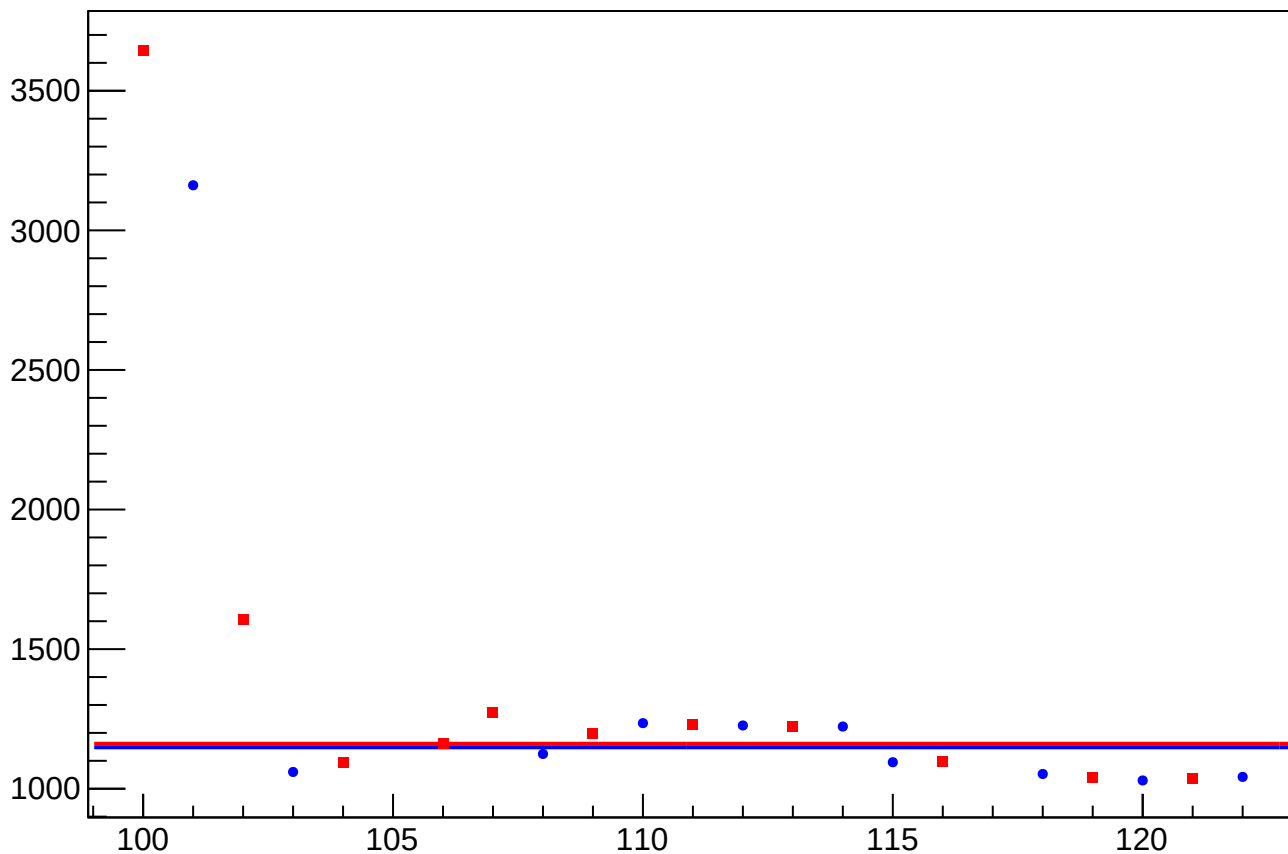
Right: 767.212+/-410.067 χ^2/NDF : 18.9/20

In: 533.586+/-590.894 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.212+/-410.067 χ^2/NDF : 18.9/20

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1148.407+/-0.418 χ^2/NDF : 576182.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1161.064+/-0.403 χ^2/NDF : 178097.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

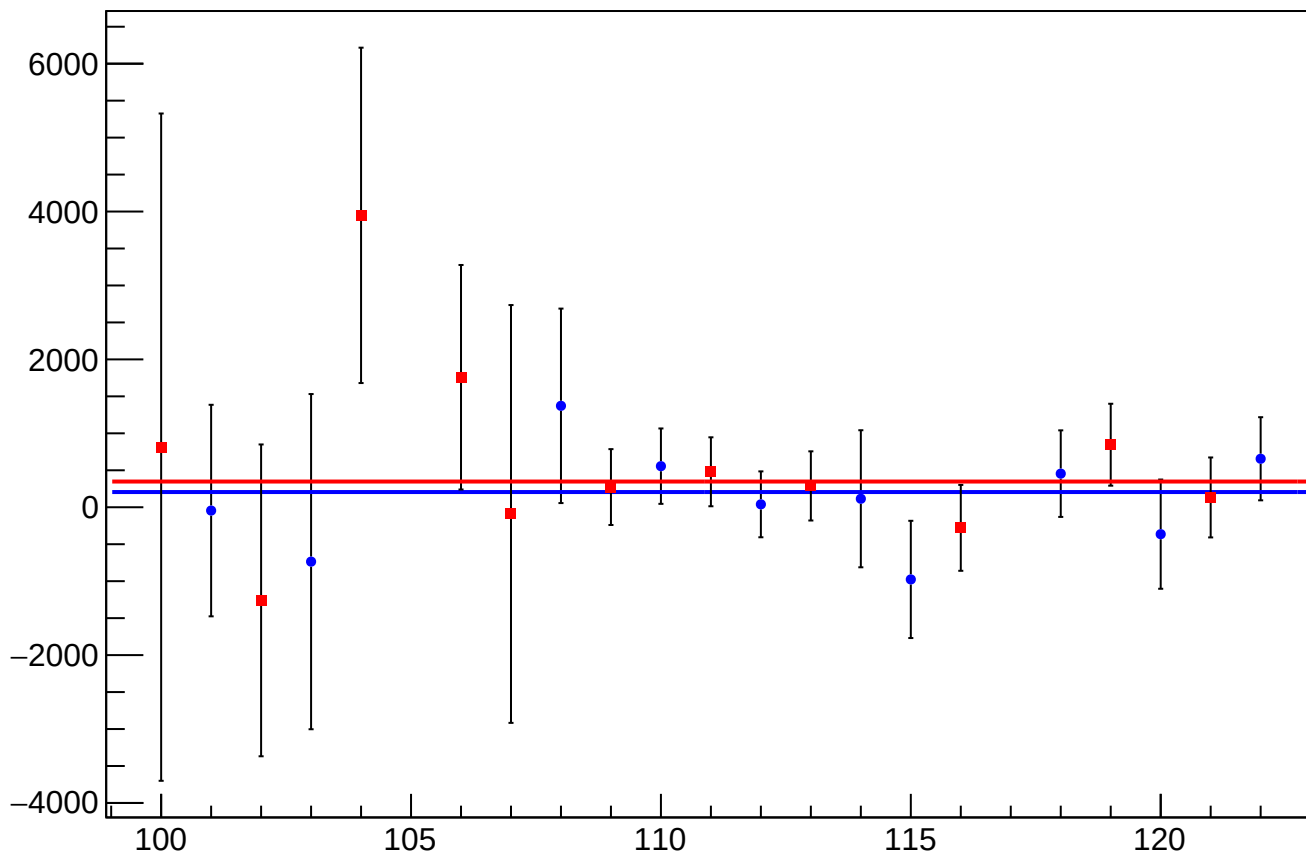
Right: 1154.968+/-0.290 χ^2/NDF : 754755.6/20

In: 1148.407+/-0.418 χ^2/NDF : 576182.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1154.968+/-0.290 χ^2/NDF : 754755.6/20

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 205.663+/-219.208 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 347.831+/-205.707 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

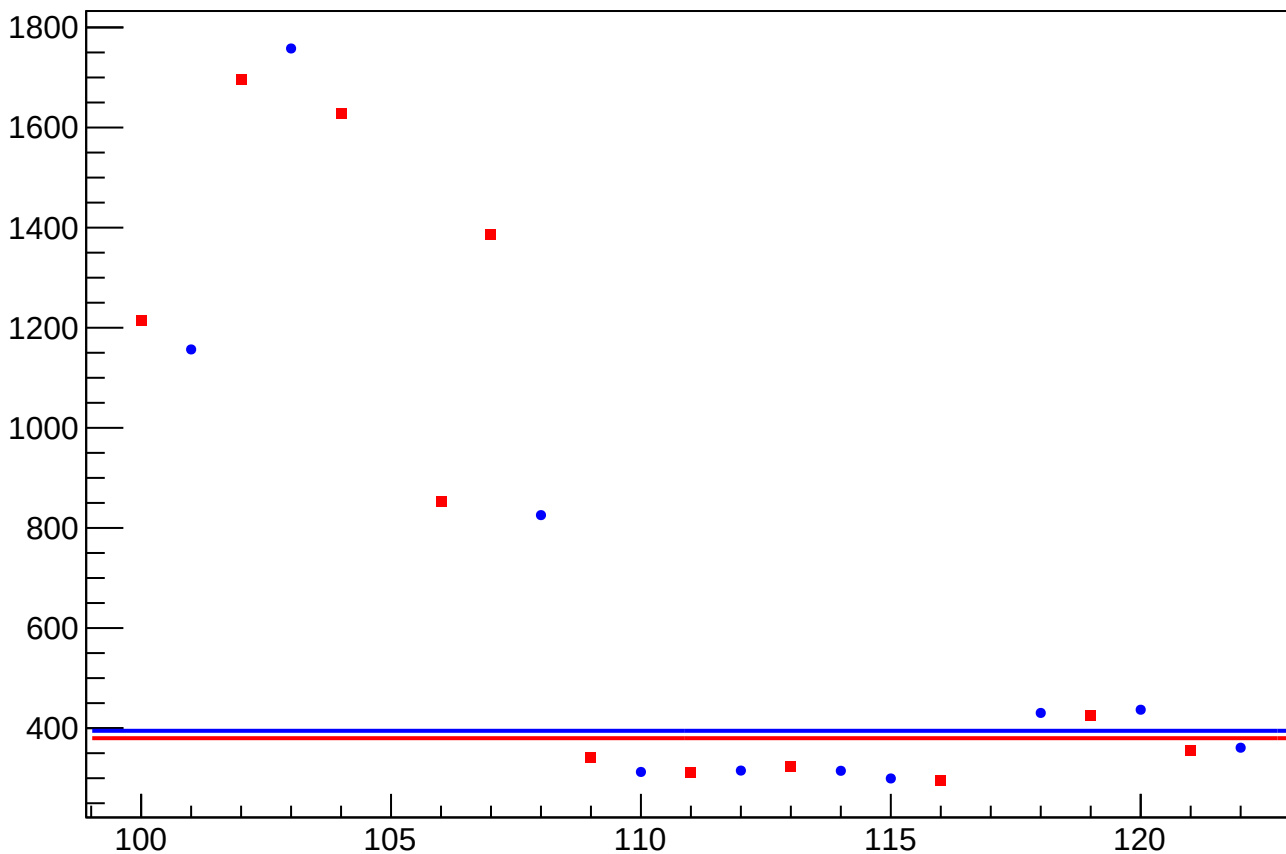
Right: 281.259+/-150.003 χ^2/NDF : 11.7/20

In: 205.663+/-219.208 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.259+/-150.003 χ^2/NDF : 11.7/20

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 394.737+/-0.155 χ^2/NDF : 1685525.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 379.948+/-0.145 χ^2/NDF : 2042717.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

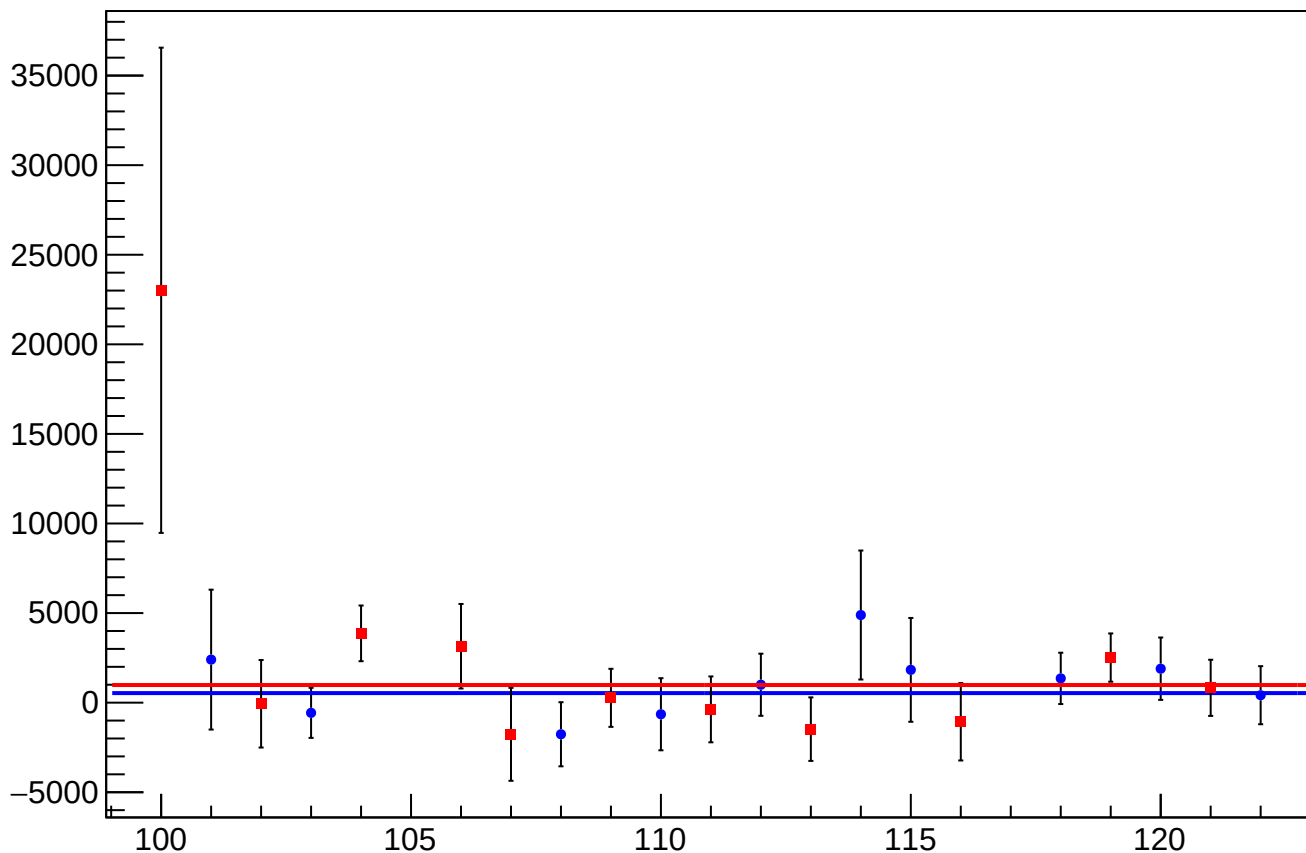
Right: 386.873+/-0.106 χ^2/NDF : 3733083.8/20

In: 394.737+/-0.155 χ^2/NDF : 1685525.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.873+/-0.106 χ^2/NDF : 3733083.8/20

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 533.585+/-590.894 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.255+/-569.541 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

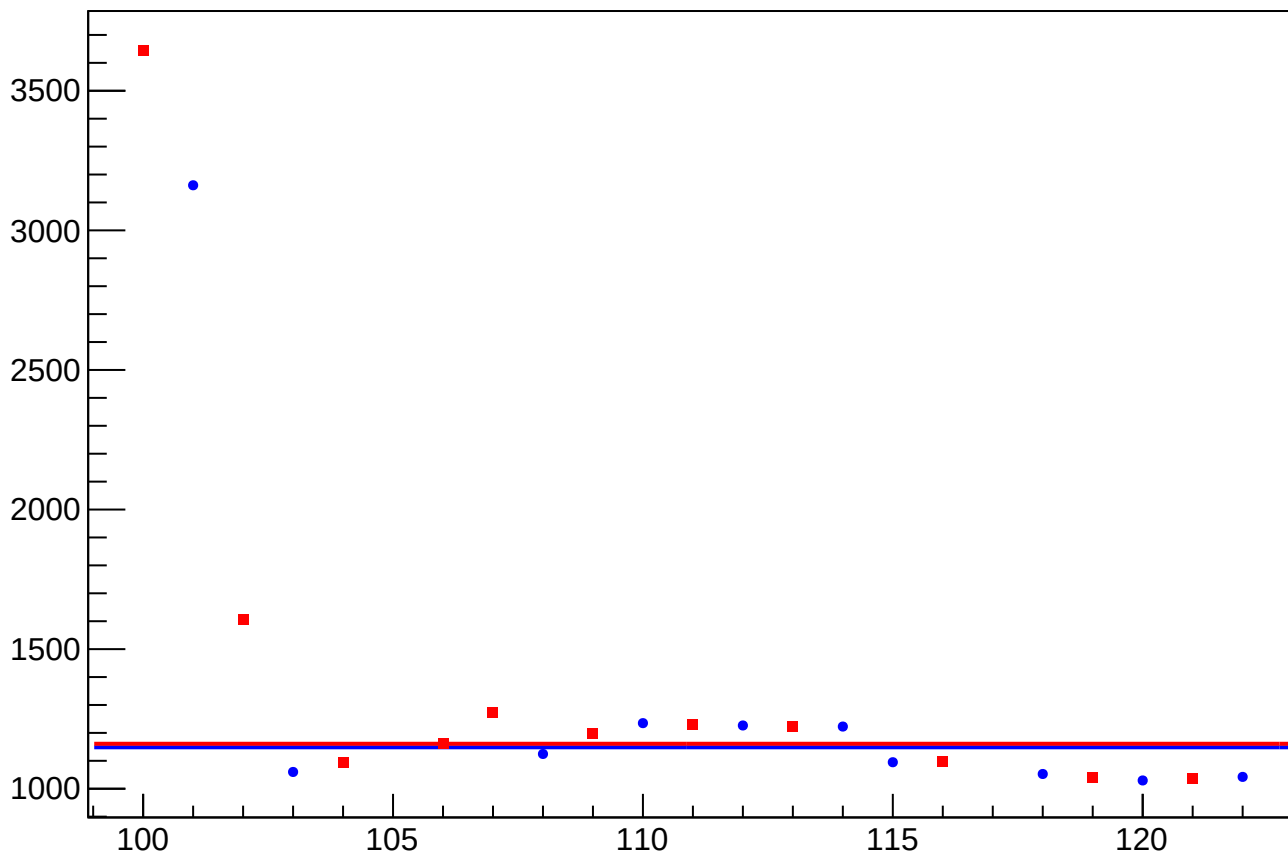
Right: 767.210+/-410.067 χ^2/NDF : 18.9/20

In: 533.585+/-590.894 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.210+/-410.067 χ^2/NDF : 18.9/20

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1148.407+/-0.418 χ^2/NDF : 576182.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1161.064+/-0.403 χ^2/NDF : 178097.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

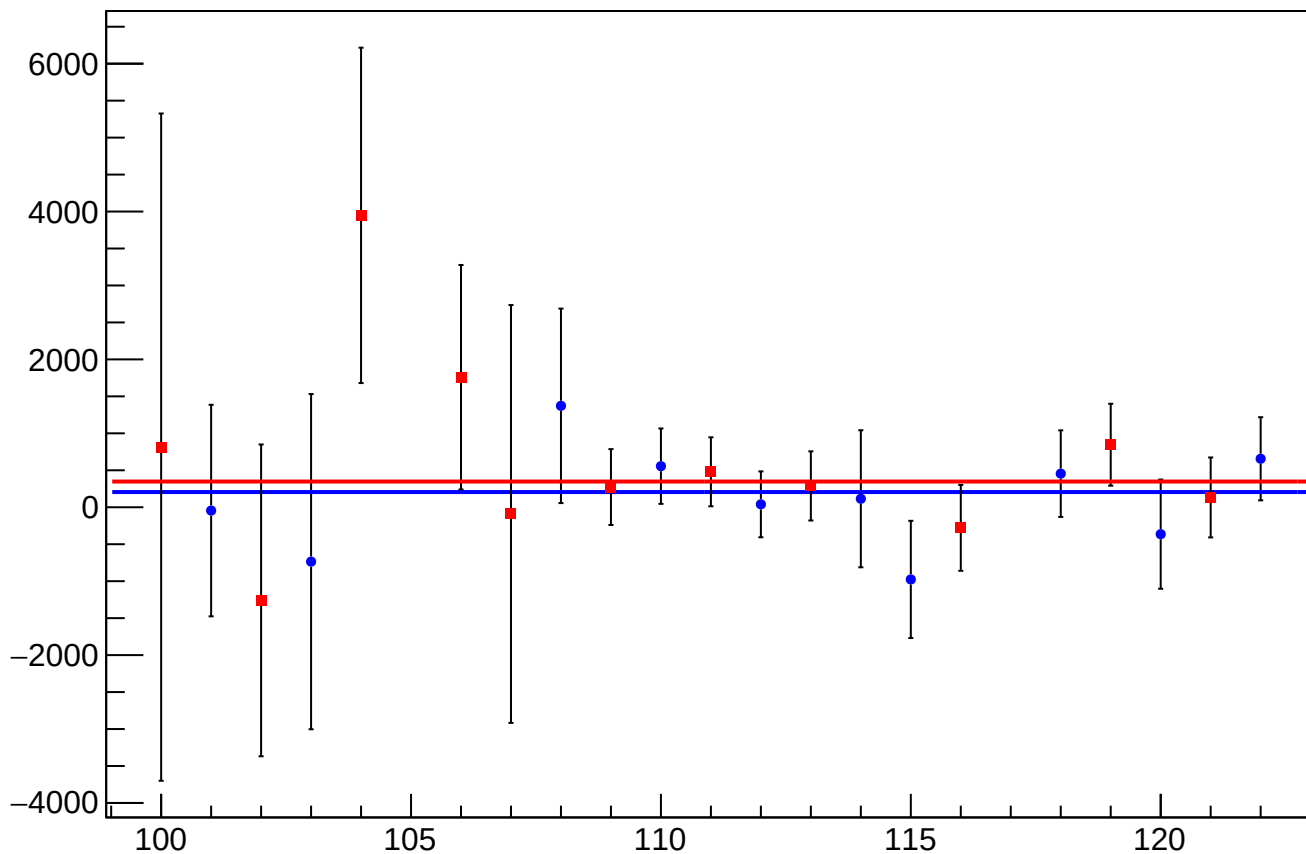
Right: 1154.968+/-0.290 χ^2/NDF : 754755.7/20

In: 1148.407+/-0.418 χ^2/NDF : 576182.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1154.968+/-0.290 χ^2/NDF : 754755.7/20

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 205.657+/-219.207 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 347.827+/-205.706 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

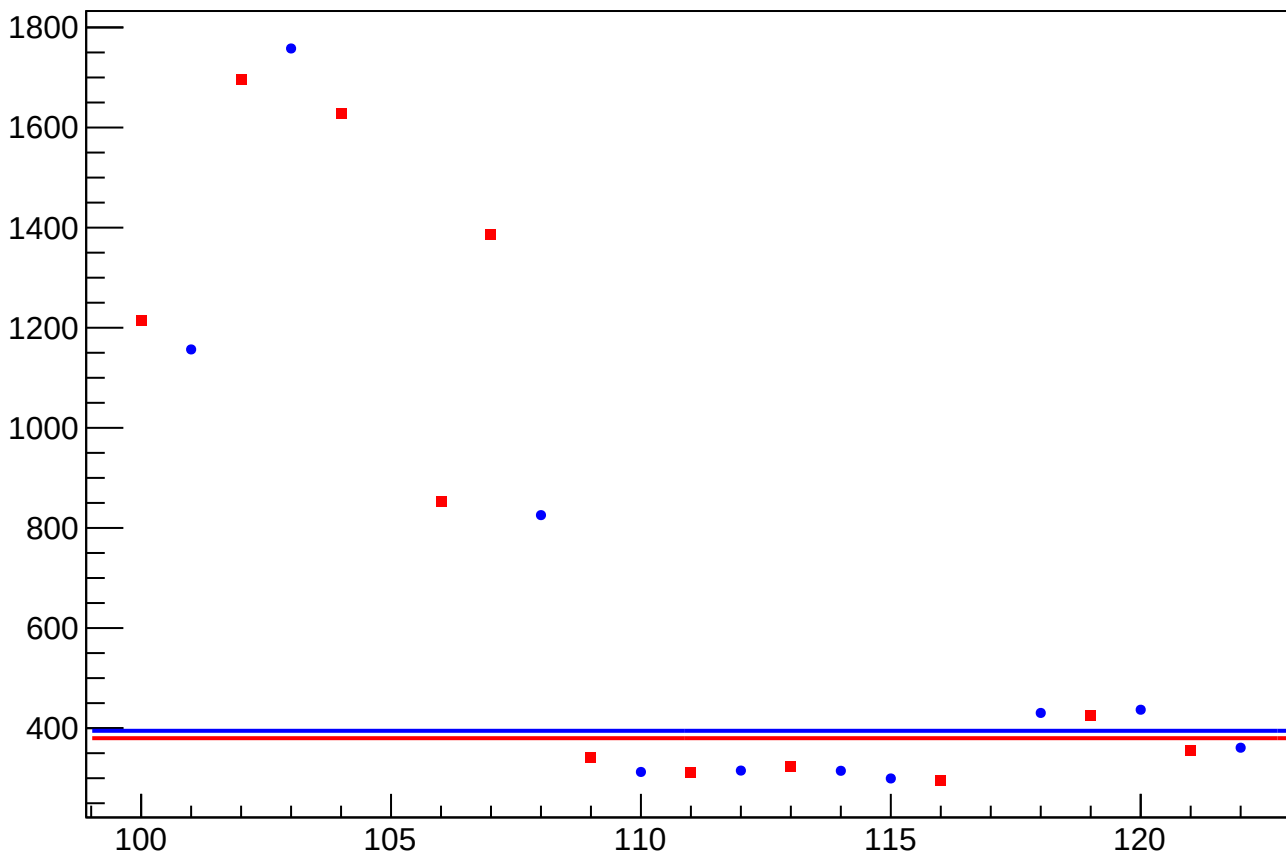
Right: 281.255+/-150.002 χ^2/NDF : 11.7/20

In: 205.657+/-219.207 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.255+/-150.002 χ^2/NDF : 11.7/20

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 394.736+/-0.155 χ^2/NDF : 1685526.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 379.946+/-0.145 χ^2/NDF : 2042728.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

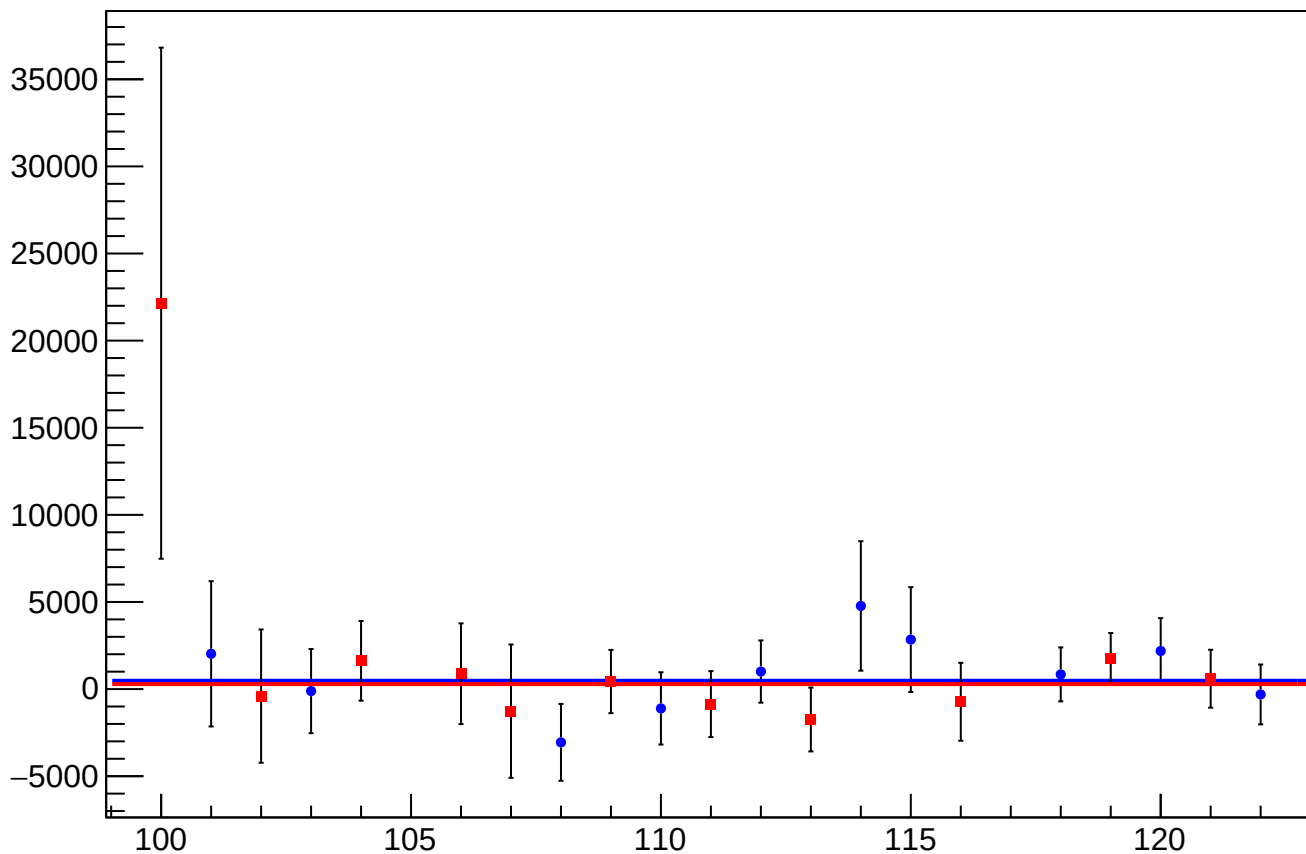
Right: 386.871+/-0.106 χ^2/NDF : 3733096.9/20

In: 394.736+/-0.155 χ^2/NDF :1685526.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 386.871+/-0.106 χ^2/NDF : 3733096.9/20

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 476.565+/-674.178 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.501+/-650.389 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

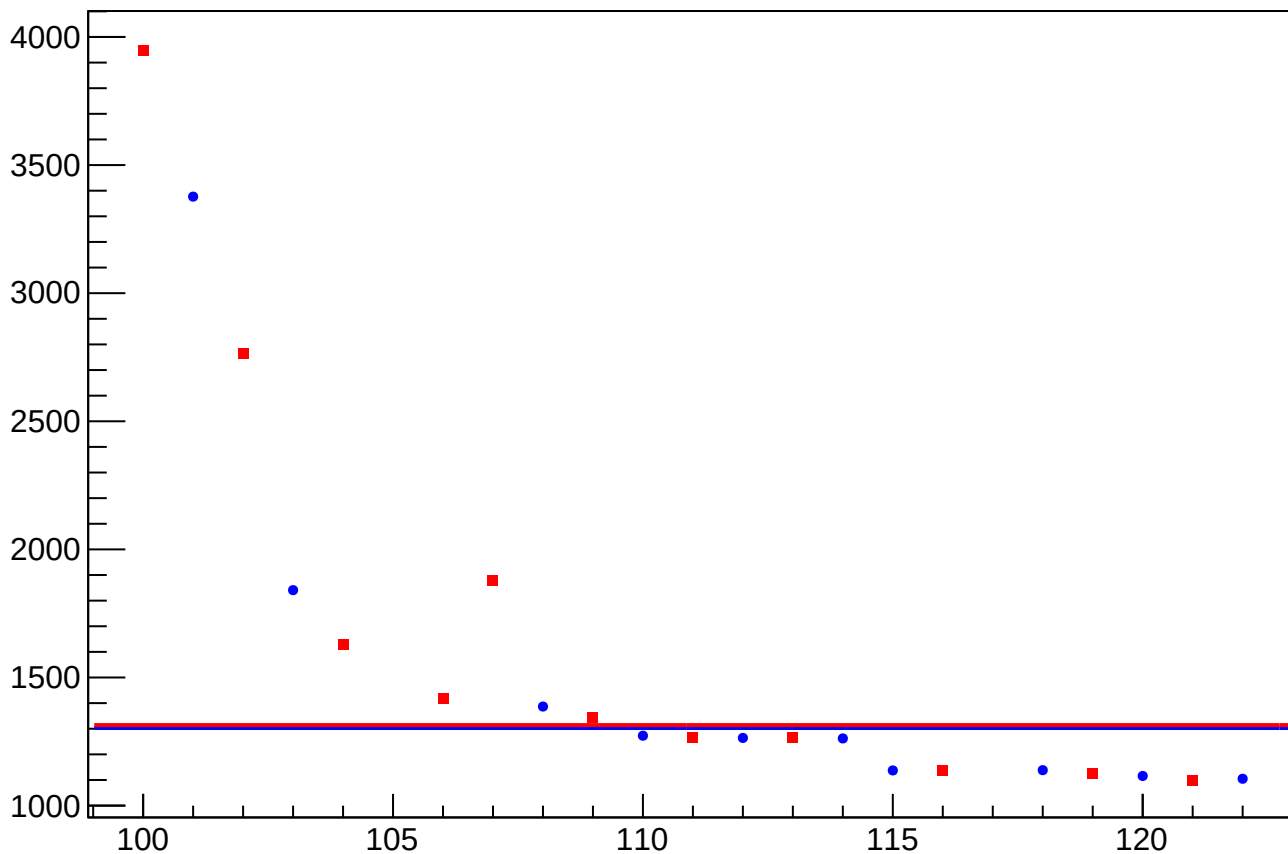
Right: 376.567+/-468.079 χ^2/NDF : 12.2/20

In: 476.565+/-674.178 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.567+/-468.079 χ^2/NDF : 12.2/20

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1302.894+/-0.477 χ^2/NDF : 673655.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.285+/-0.460 χ^2/NDF : 518268.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

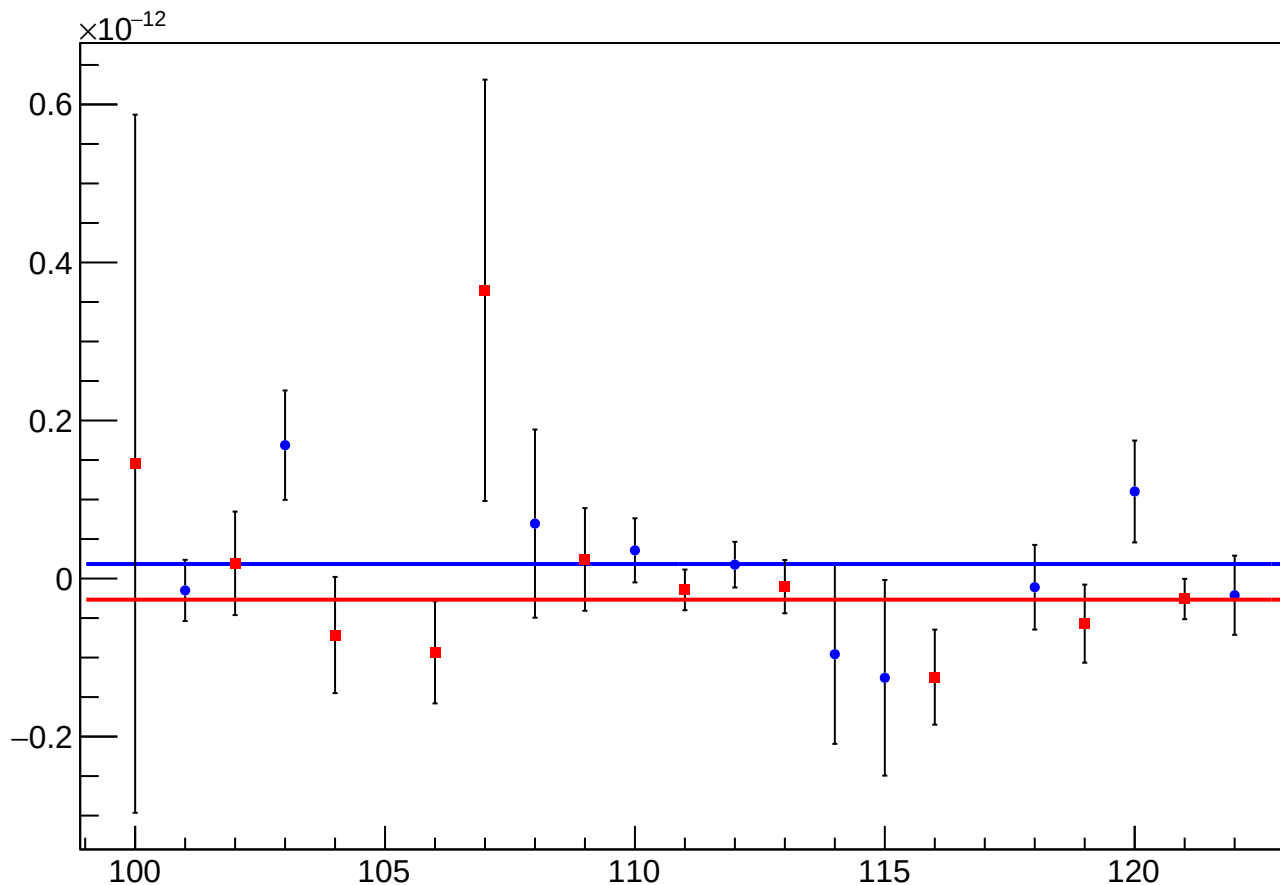
Right: 1308.794+/-0.331 χ^2/NDF : 1192219.6/20

In: 1302.894+/-0.477 χ^2/NDF : 673655.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.794+/-0.331 χ^2/NDF : 1192219.6/20

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 : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

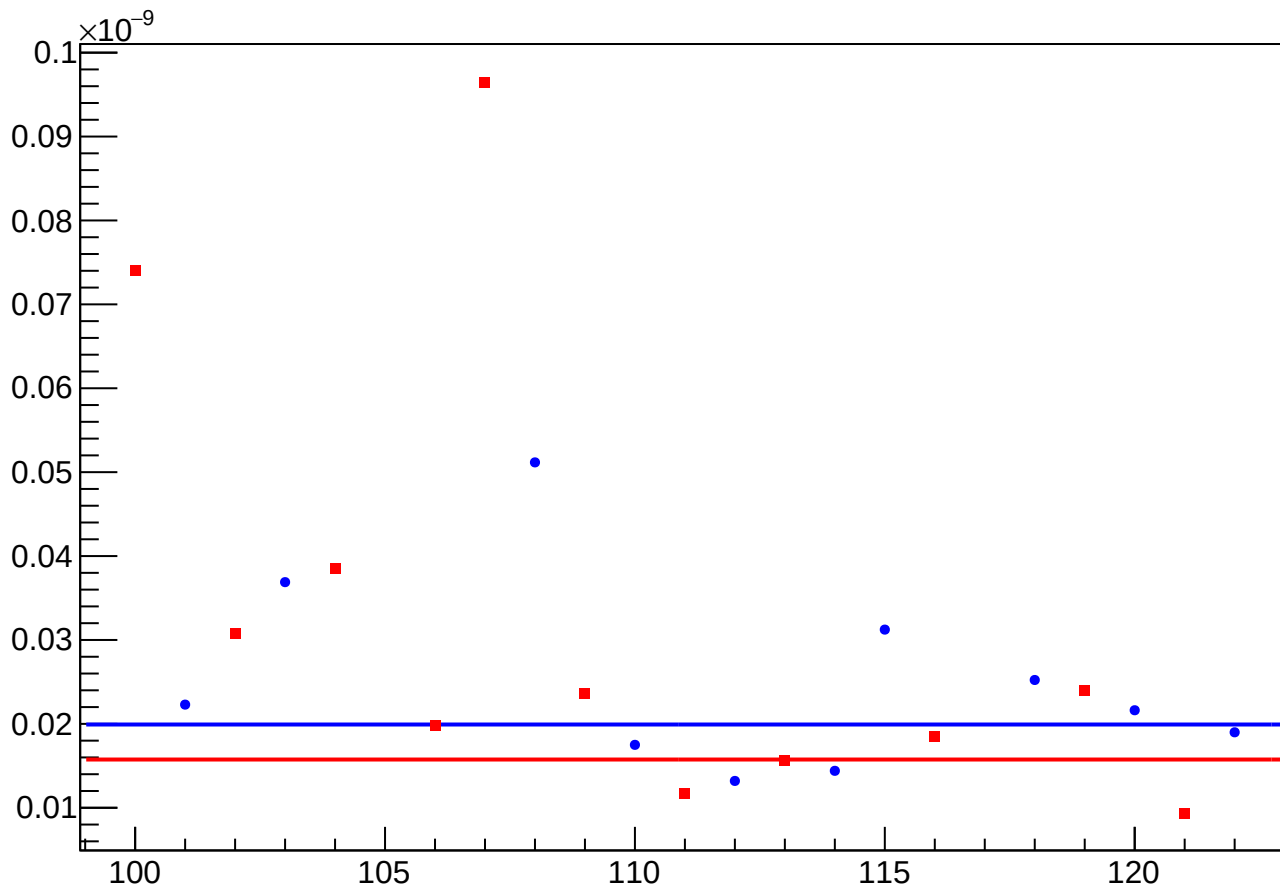
Right: -0.000+/-0.000 χ^2/NDF : 24.1/20

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 : 24.1/20

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 423767.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 790414.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

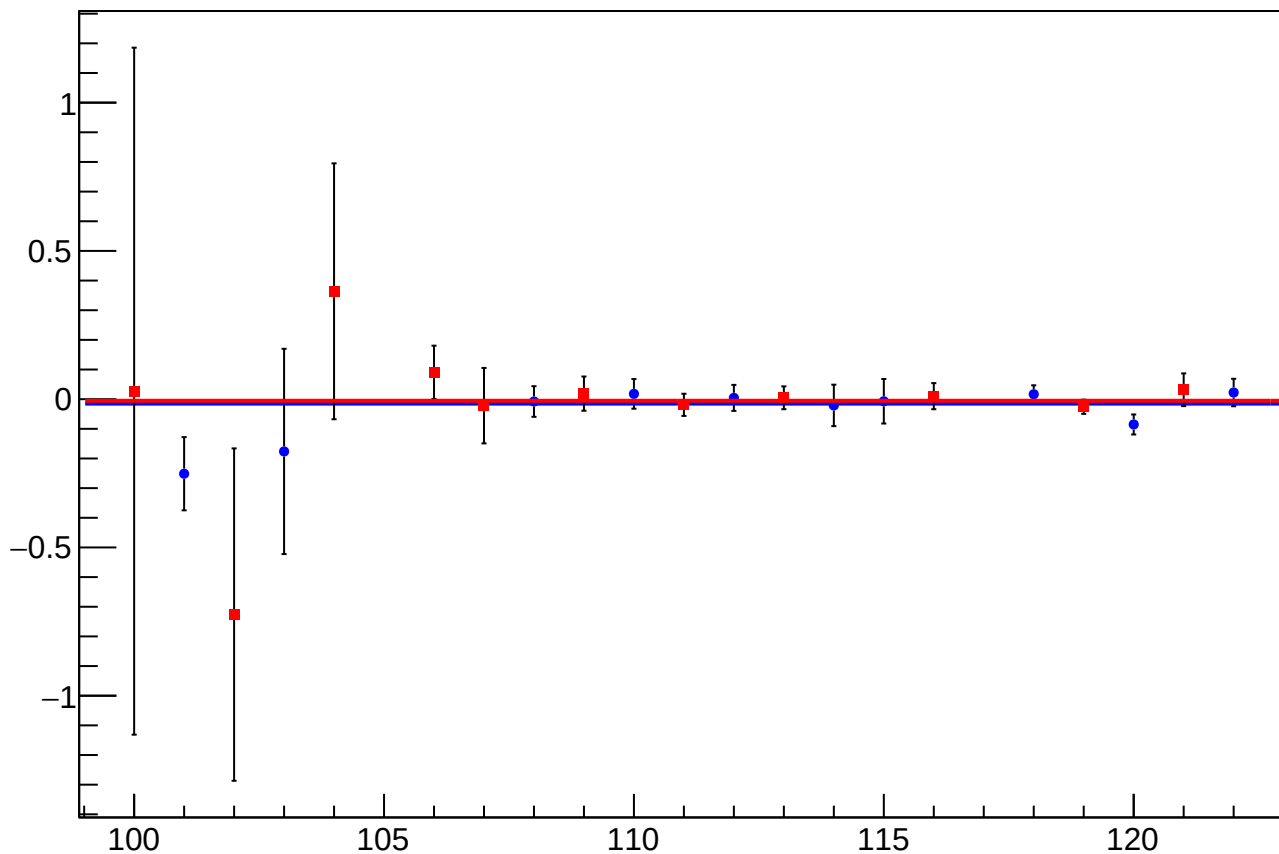
Right: 0.000+/-0.000 χ^2/NDF : 1293639.8/20

In: 0.000+/-0.000 χ^2/NDF : 423767.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1293639.8/20

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.015 χ^2 /NDF: 10.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.015 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

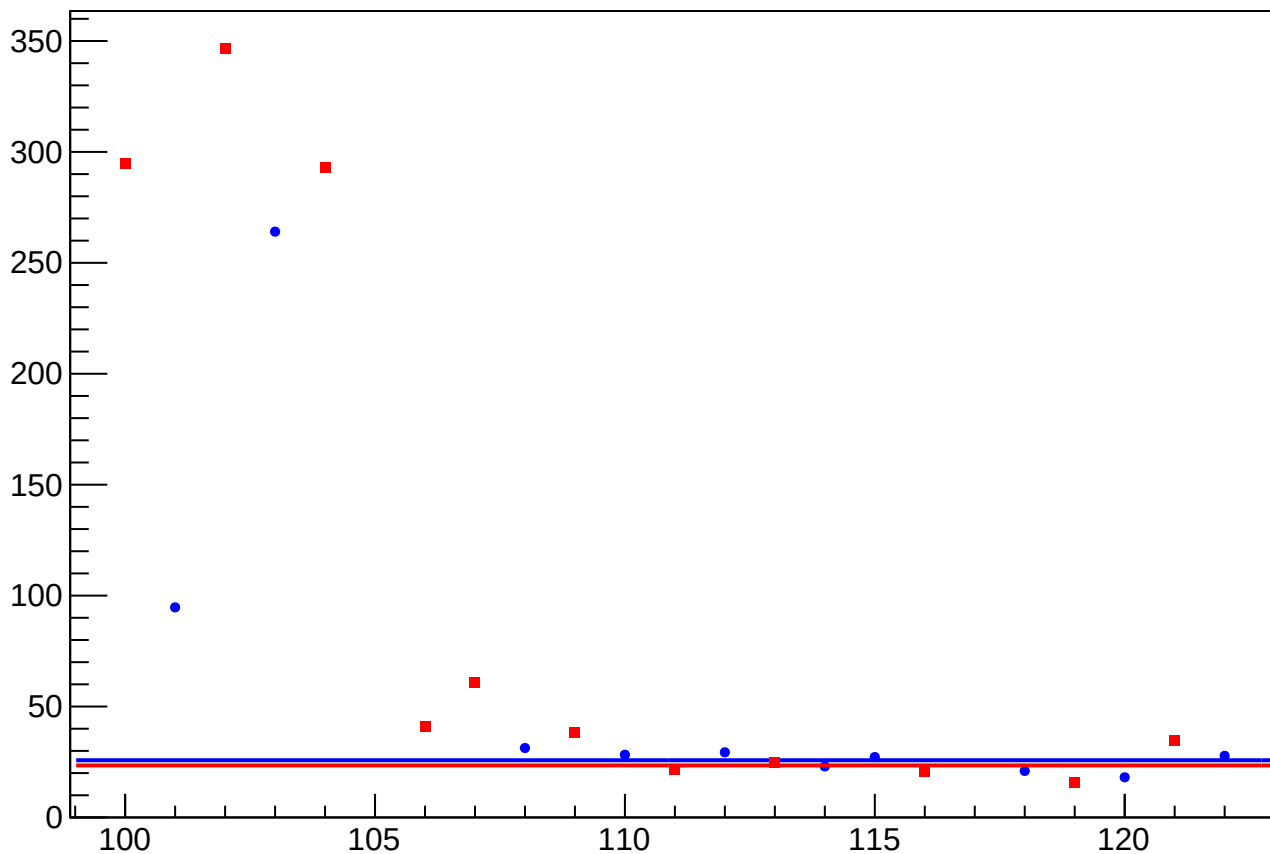
Right: -0.010 $\pm$ 0.011 χ^2 /NDF: 16.1/20

In: -0.015 $\pm$ 0.015 χ^2 /NDF:10.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.011 χ^2 /NDF: 16.1/20

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.785+/-0.011 χ^2/NDF : 1775232.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.452+/-0.011 χ^2/NDF : 2256250.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

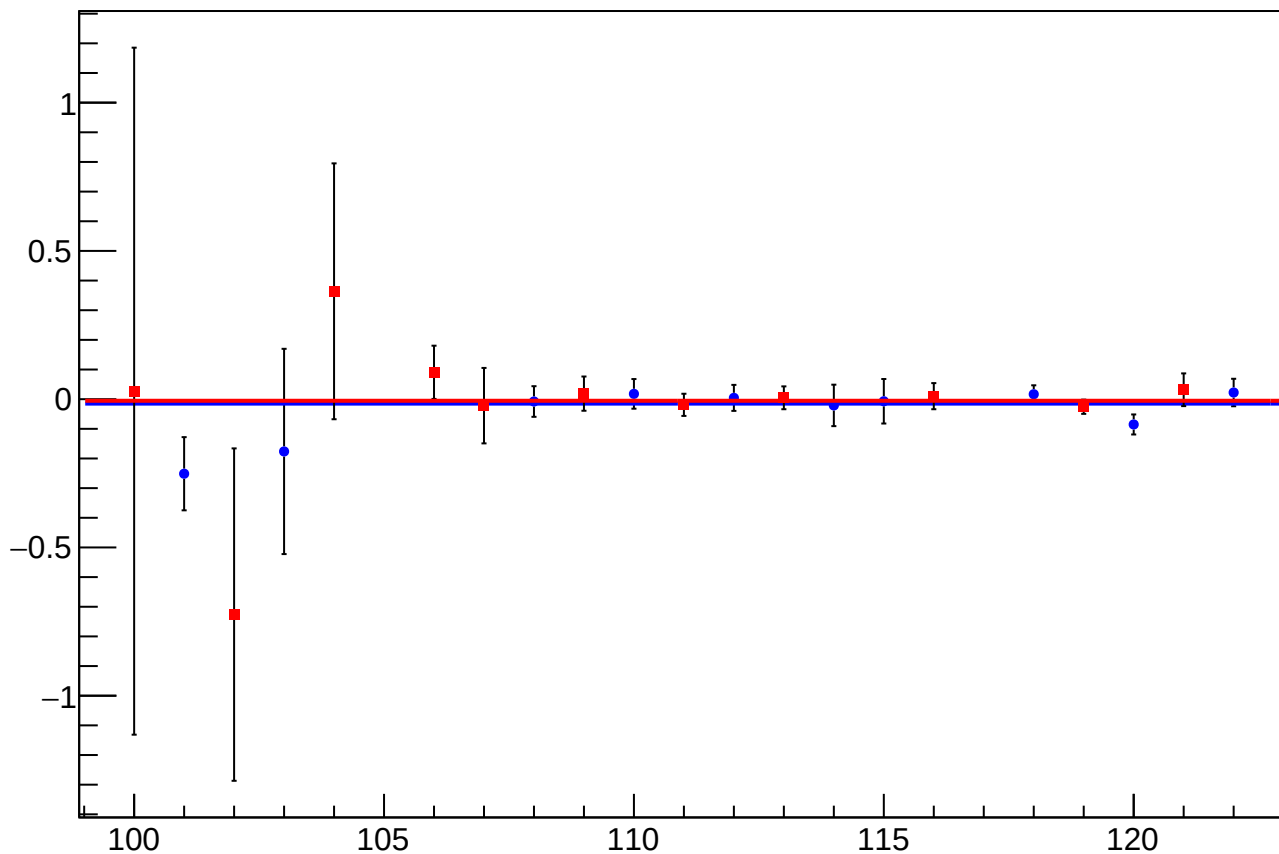
Right: 24.583+/-0.008 χ^2/NDF : 4055054.3/20

In: 25.785+/-0.011 χ^2/NDF :1775232.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.583+/-0.008 χ^2/NDF : 4055054.3/20

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: -0.005 ± 0.015 χ^2/NDF : 5.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

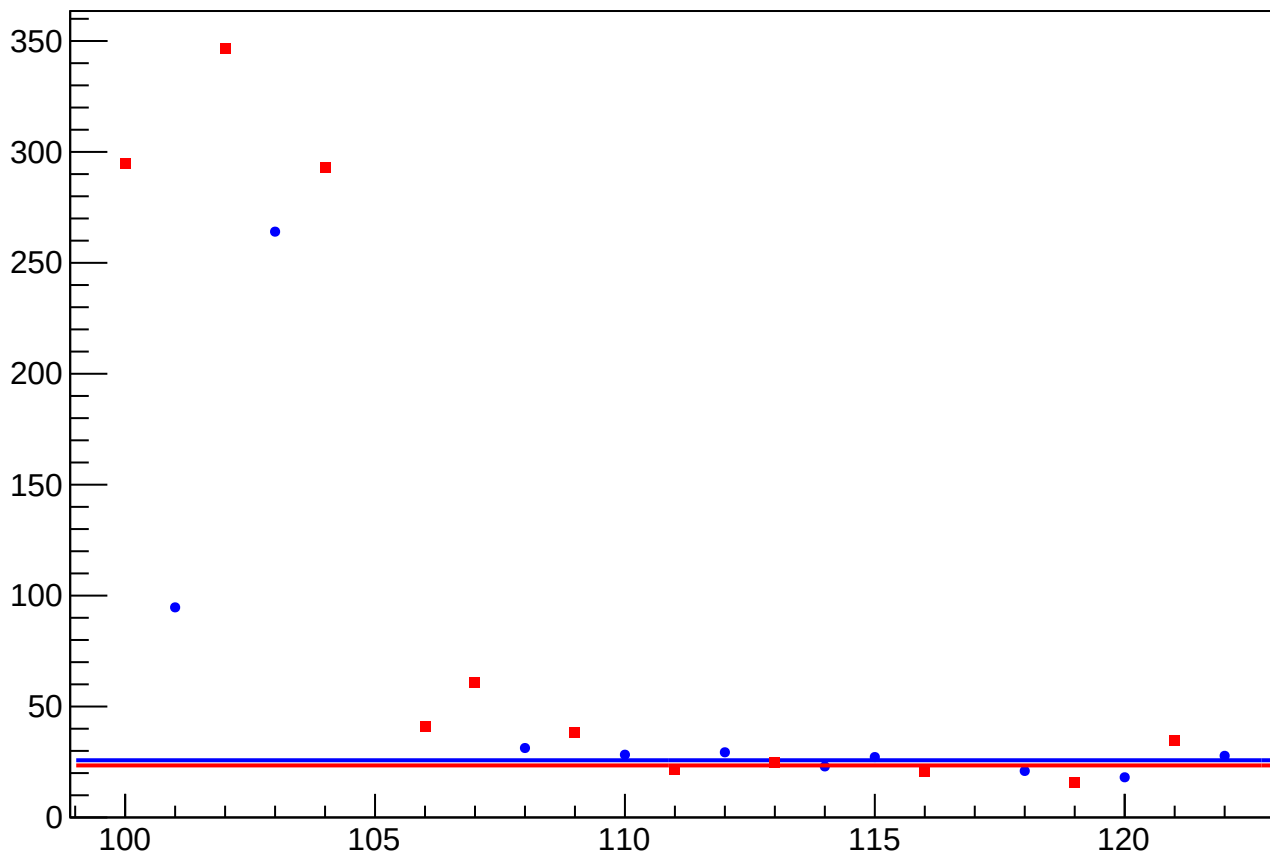
Right: -0.010 ± 0.011 χ^2/NDF : 16.1/20

In: -0.015 ± 0.015 χ^2/NDF : 10.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.011 χ^2/NDF : 16.1/20

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.785+/-0.011 χ^2/NDF : 1775232.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.452+/-0.011 χ^2/NDF : 2256250.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

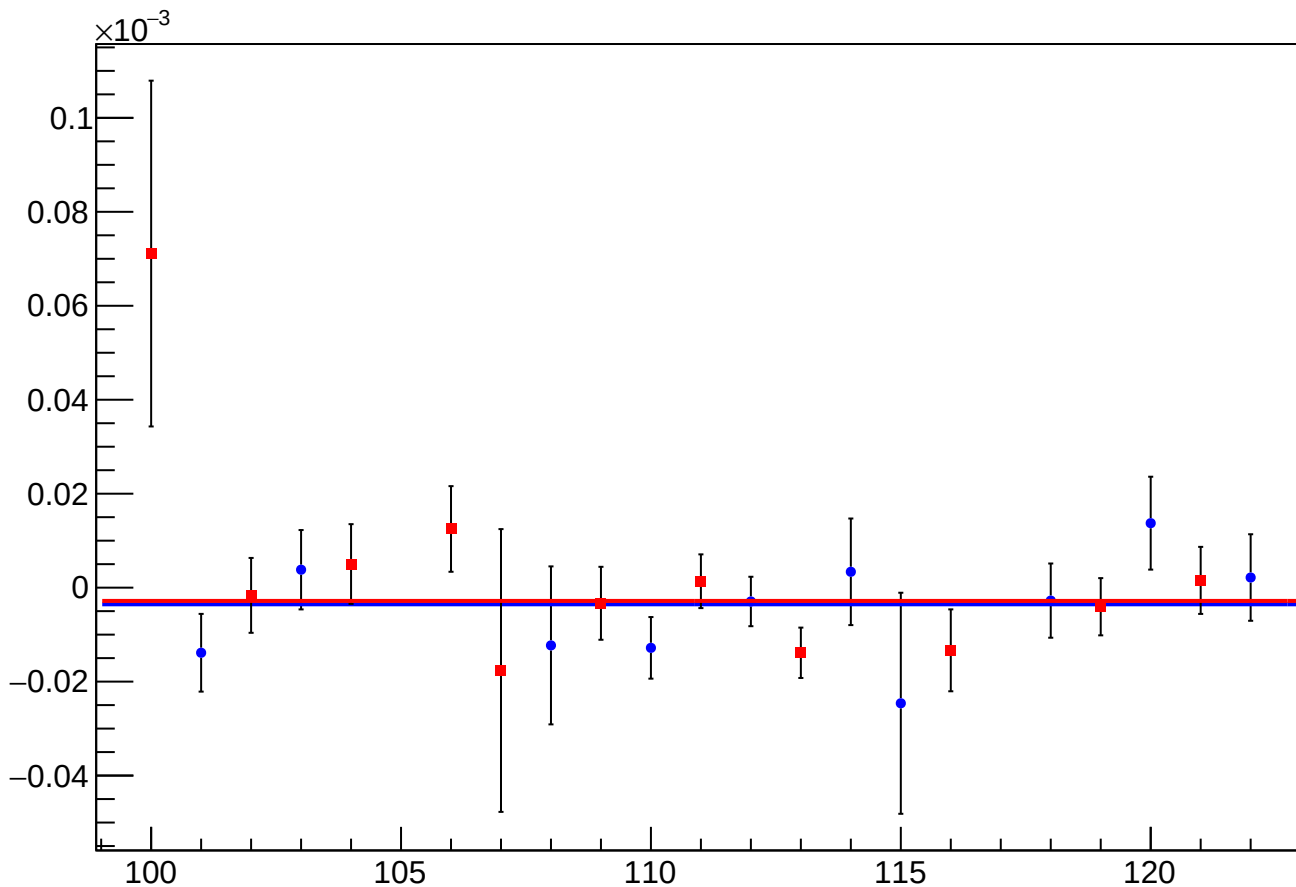
Right: 24.583+/-0.008 χ^2/NDF : 4055054.3/20

In: 25.785+/-0.011 χ^2/NDF :1775232.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.583+/-0.008 χ^2/NDF : 4055054.3/20

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 : 9.2/9

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

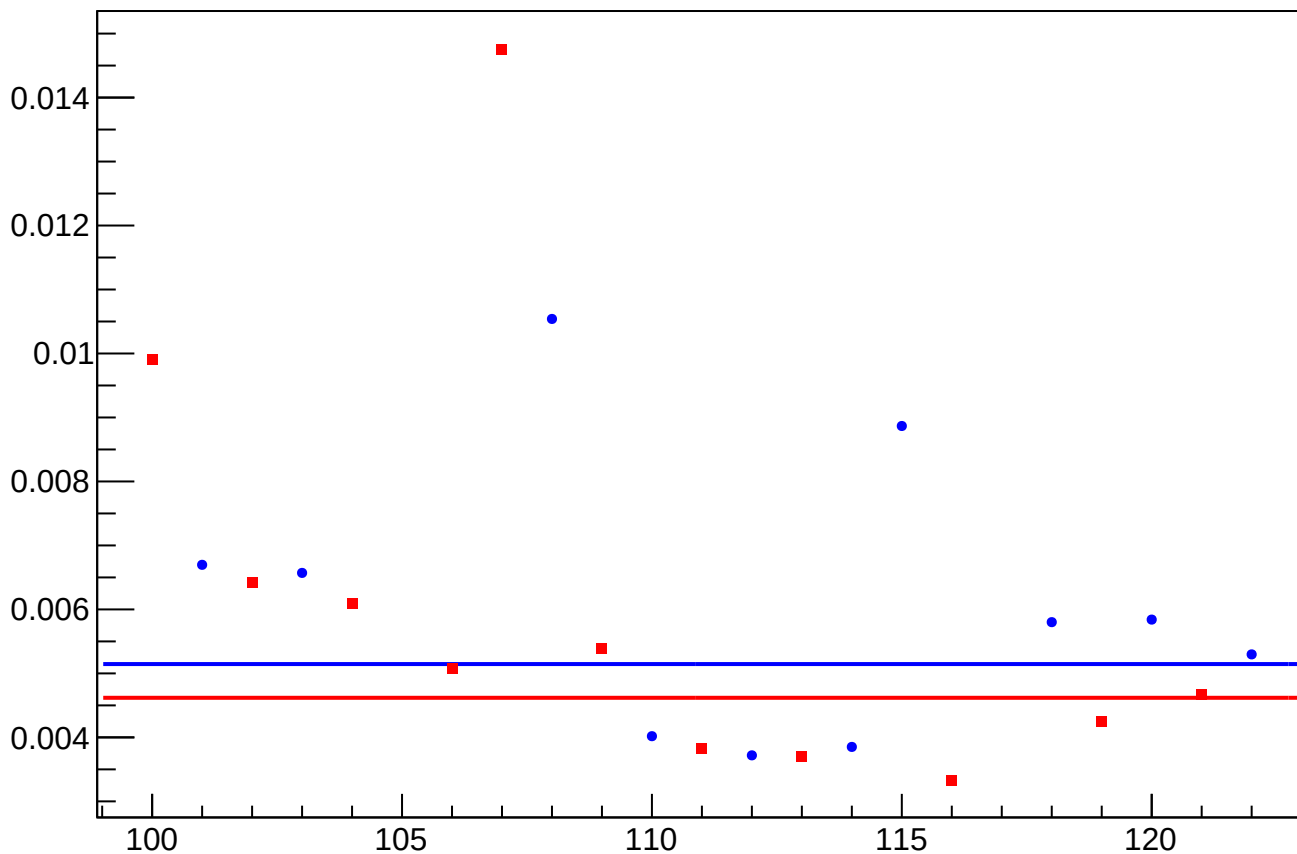
Right: -0.000+/-0.000 χ^2/NDF : 23.9/20

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 : 23.9/20

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 : 639455.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 605218.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

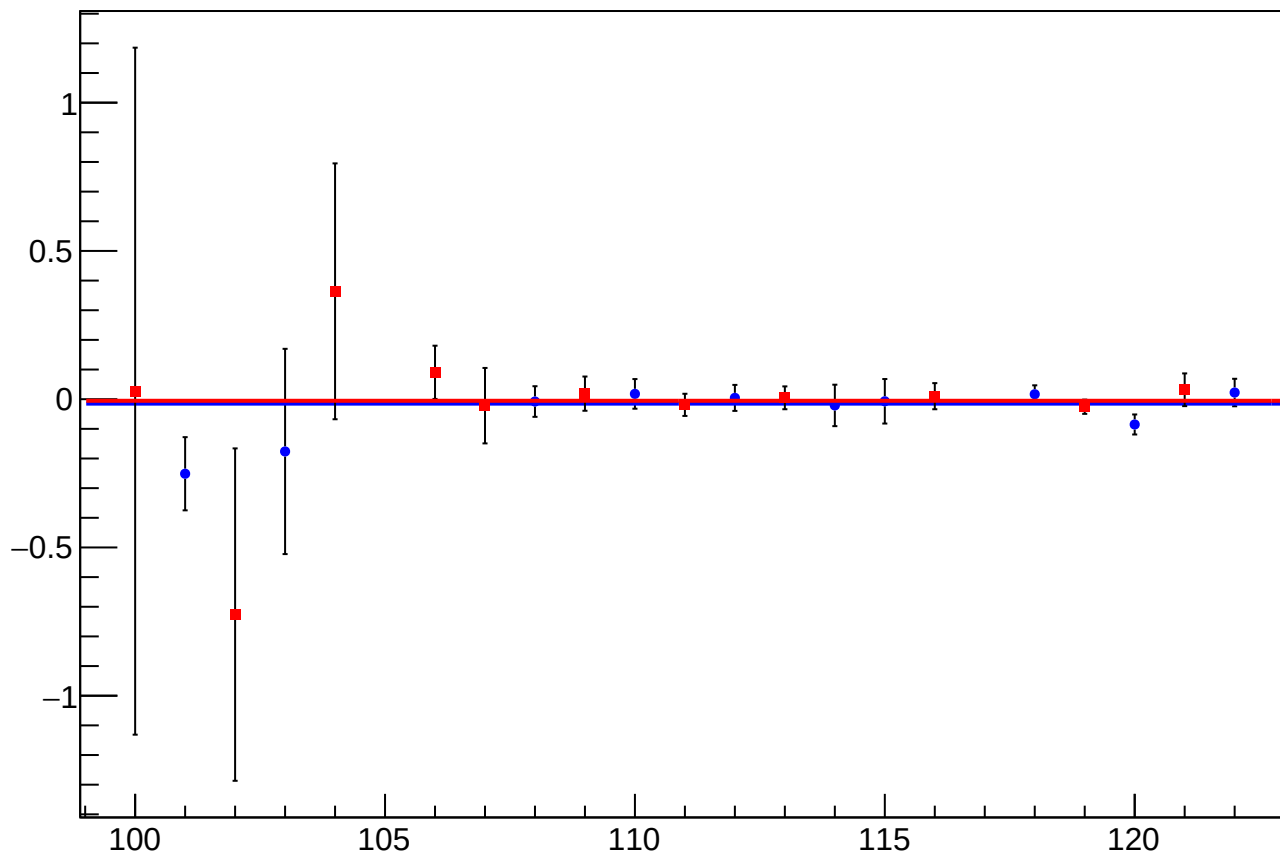
Right: 0.005+/-0.000 χ^2/NDF : 1288849.1/20

In: 0.005+/-0.000 χ^2/NDF :639455.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1288849.1/20

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 : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.005+/-0.015 χ^2/NDF : 5.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

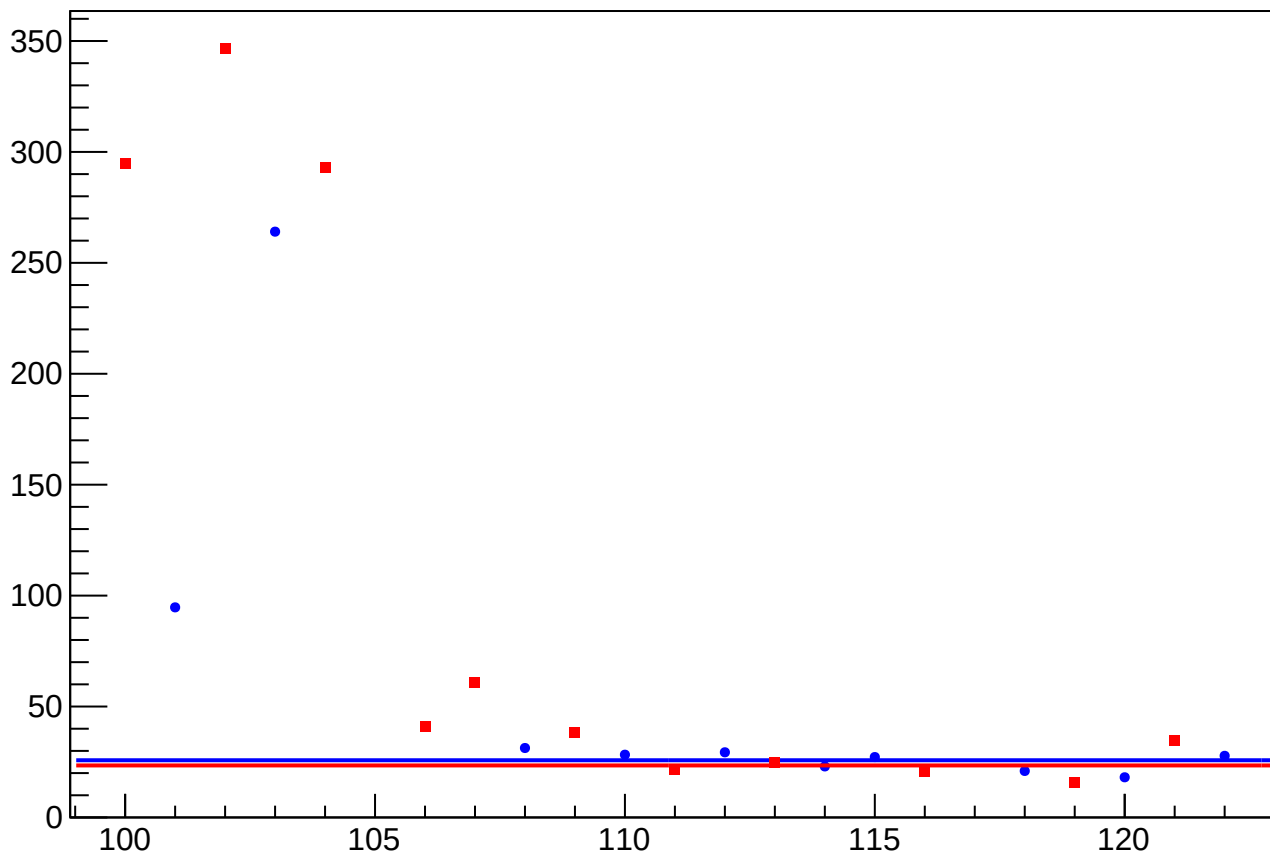
Right: -0.010+/-0.011 χ^2/NDF : 16.1/20

In: -0.015+/-0.015 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.011 χ^2/NDF : 16.1/20

asym_us_dd_atlr_dd_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 25.785+/-0.011 χ^2/NDF : 1775224.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.449+/-0.011 χ^2/NDF : 2256499.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

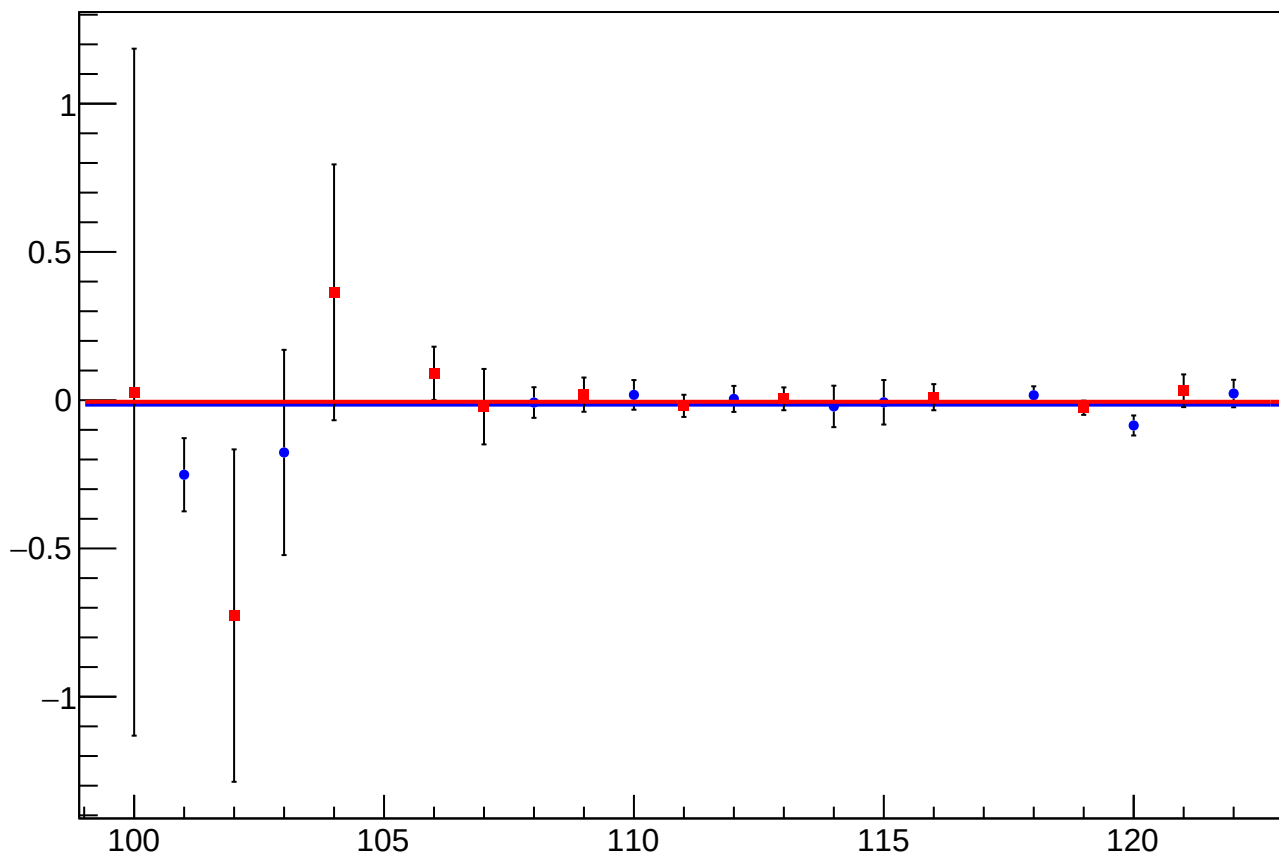
Right: 24.581+/-0.008 χ^2/NDF : 4055355.6/20

In: 25.785+/-0.011 χ^2/NDF :1775224.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.581+/-0.008 χ^2/NDF : 4055355.6/20

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.015 χ^2/NDF : 10.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.005 $\pm$ 0.015 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

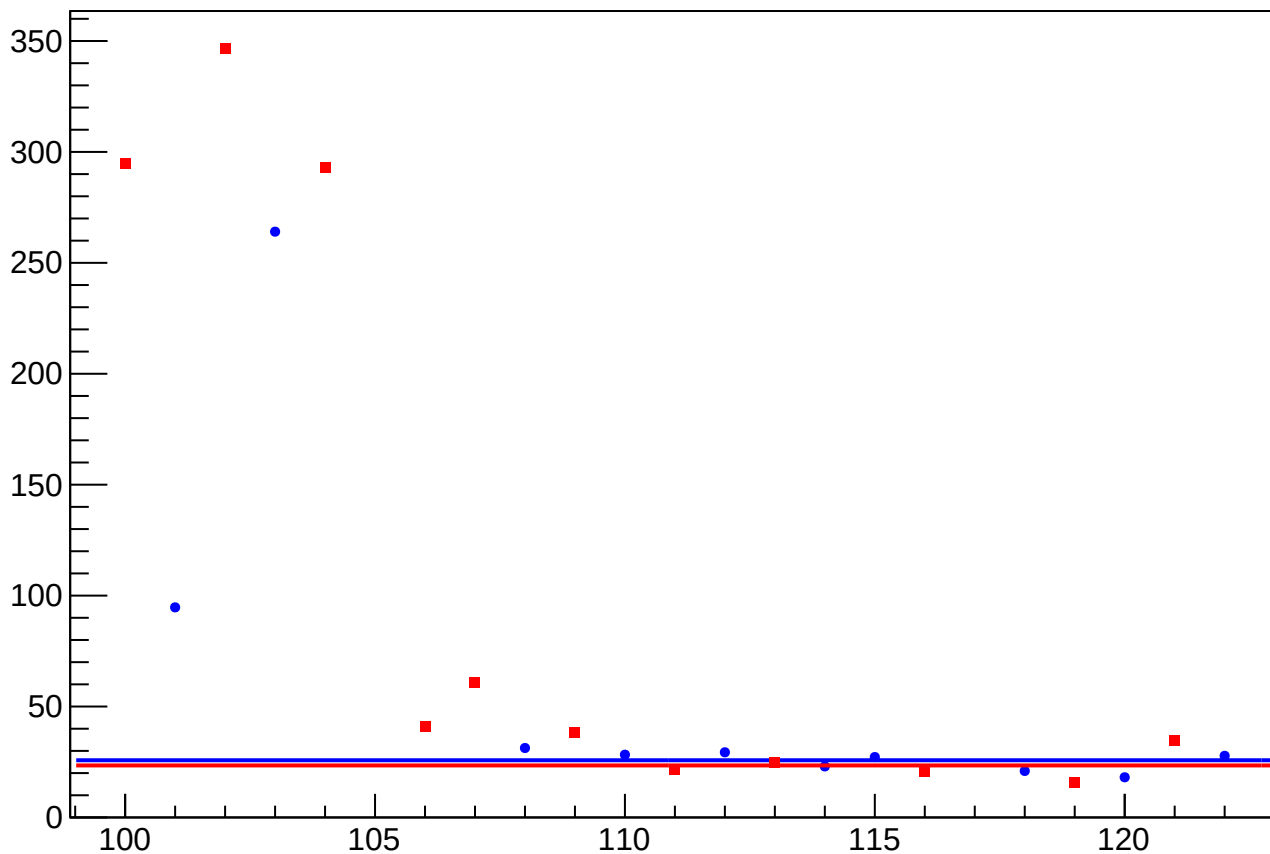
Right: -0.010 $\pm$ 0.011 χ^2/NDF : 16.1/20

In: -0.015 $\pm$ 0.015 χ^2/NDF : 10.6/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.010 $\pm$ 0.011 χ^2/NDF : 16.1/20

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.785 $\pm$ 0.011 χ^2 /NDF: 1775224.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.449 $\pm$ 0.011 χ^2 /NDF: 2256499.1/10

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

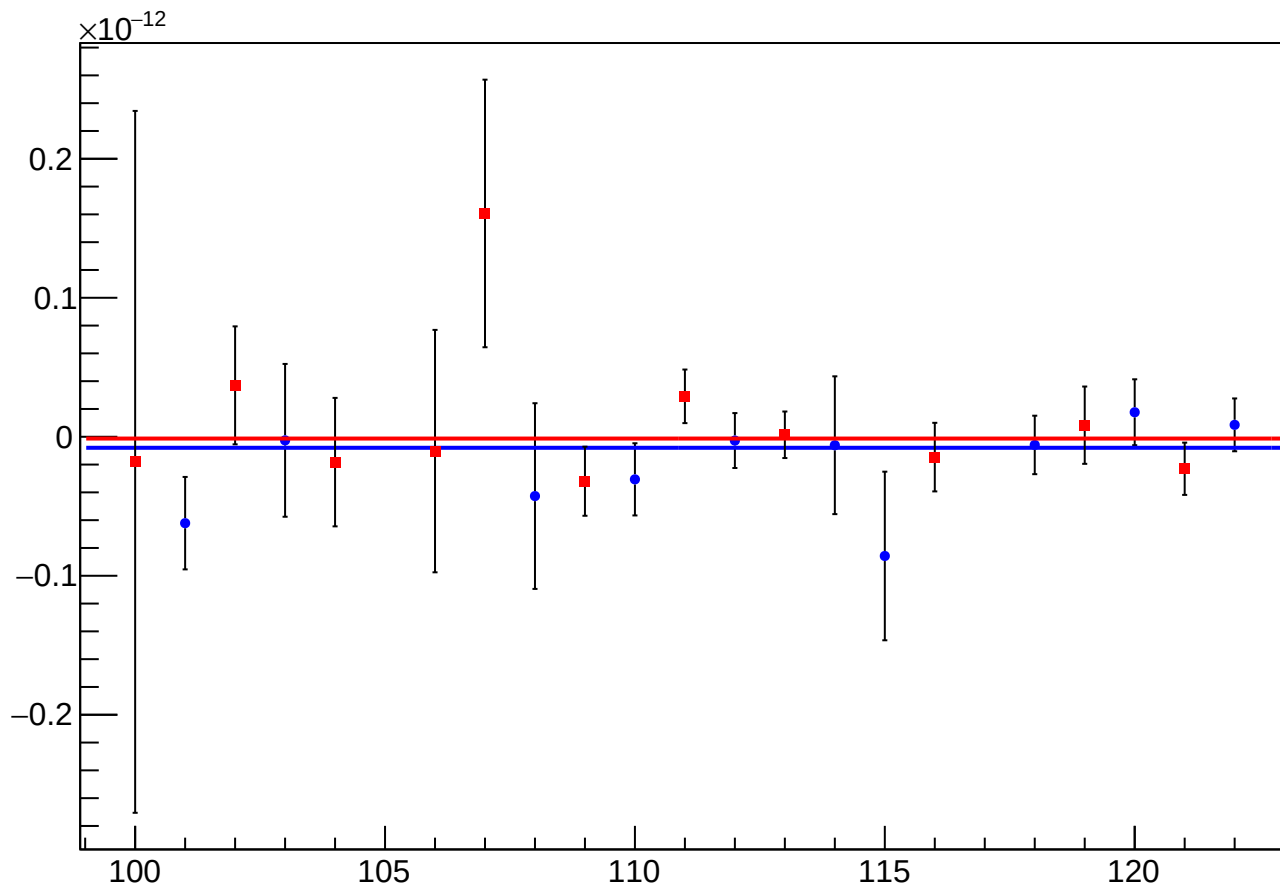
Right: 24.581 $\pm$ 0.008 χ^2 /NDF: 4055355.6/20

In: 25.785 $\pm$ 0.011 χ^2 /NDF:1775224.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.581 $\pm$ 0.008 χ^2 /NDF: 4055355.6/20

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 : 7.3/9

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

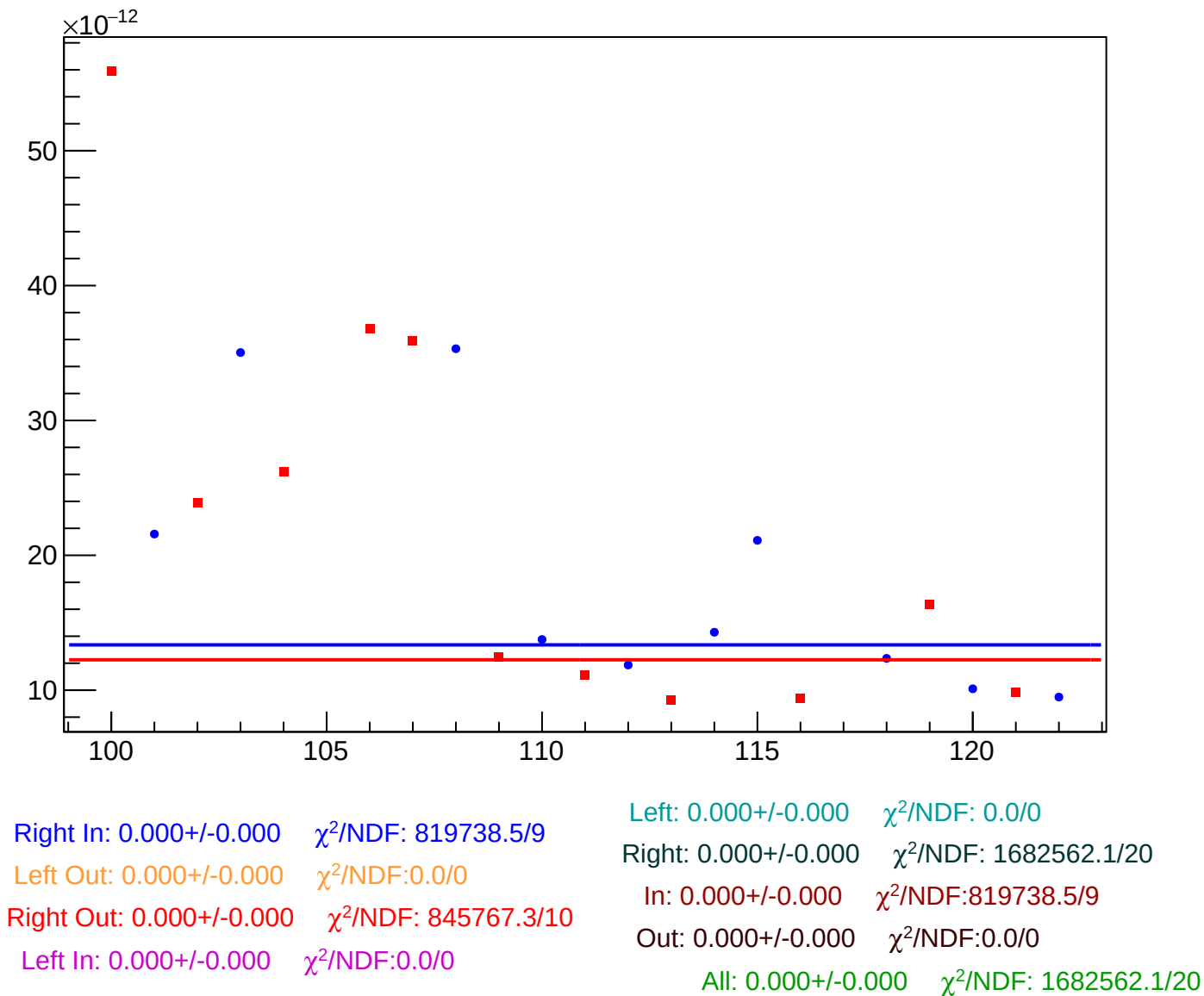
Right: -0.000+/-0.000 χ^2/NDF : 17.2/20

In: -0.000+/-0.000 χ^2/NDF : 7.3/9

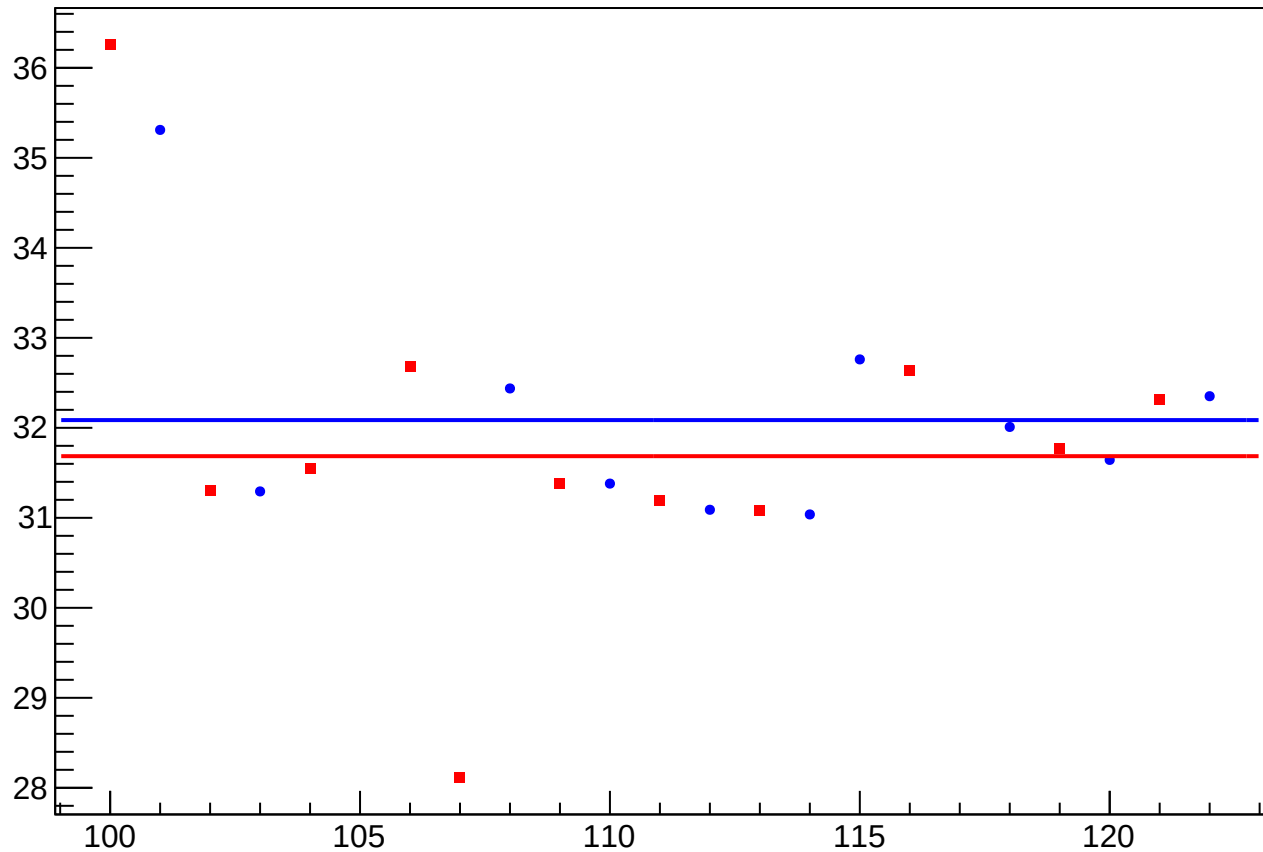
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 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: 32.086+/-0.000 χ^2/NDF : 831343771.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.685+/-0.000 χ^2/NDF : 376623966.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

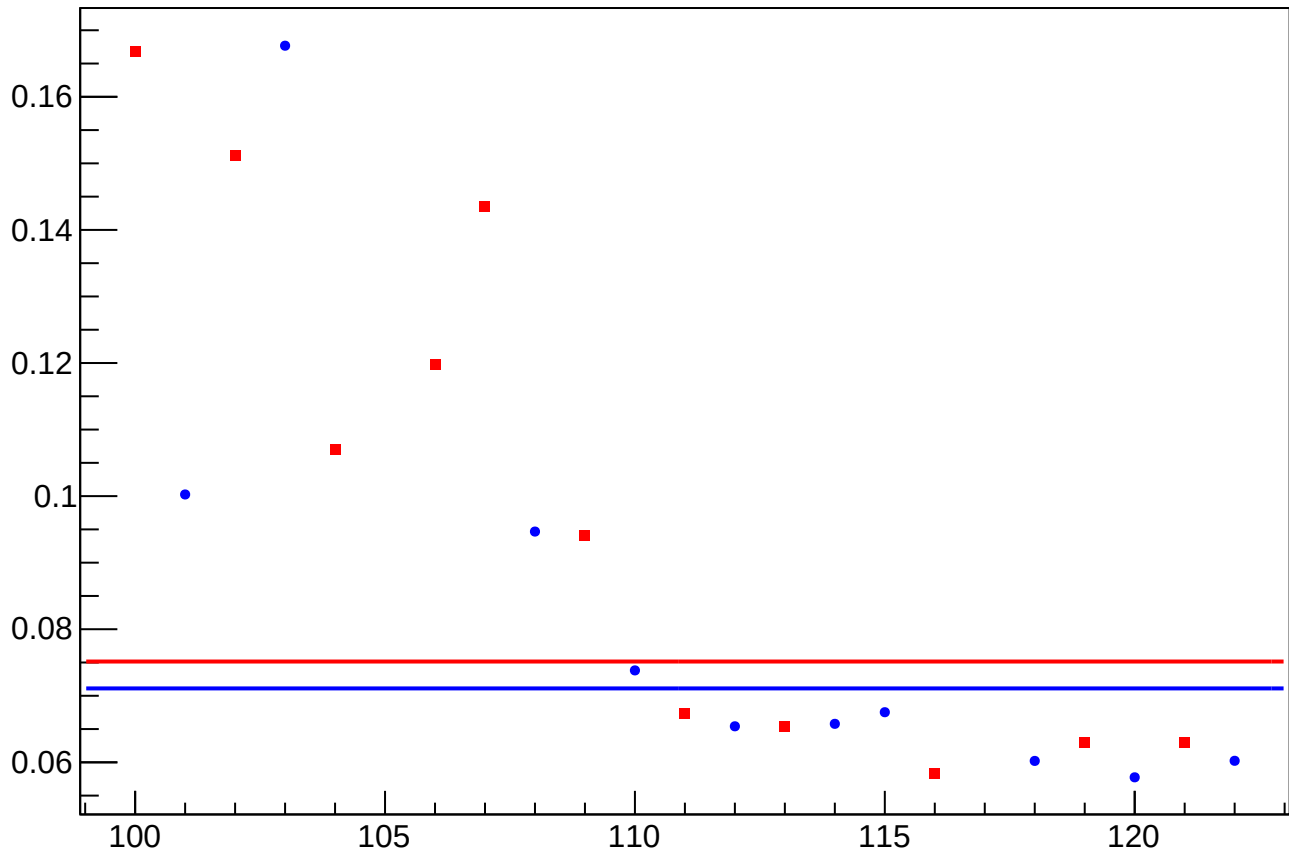
Right: 31.888+/-0.000 χ^2/NDF : 1261849065.7/20

In: 32.086+/-0.000 χ^2/NDF : 831343771.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.888+/-0.000 χ^2/NDF : 1261849065.7/20

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 632518.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.075+/-0.000 χ^2/NDF : 764762.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

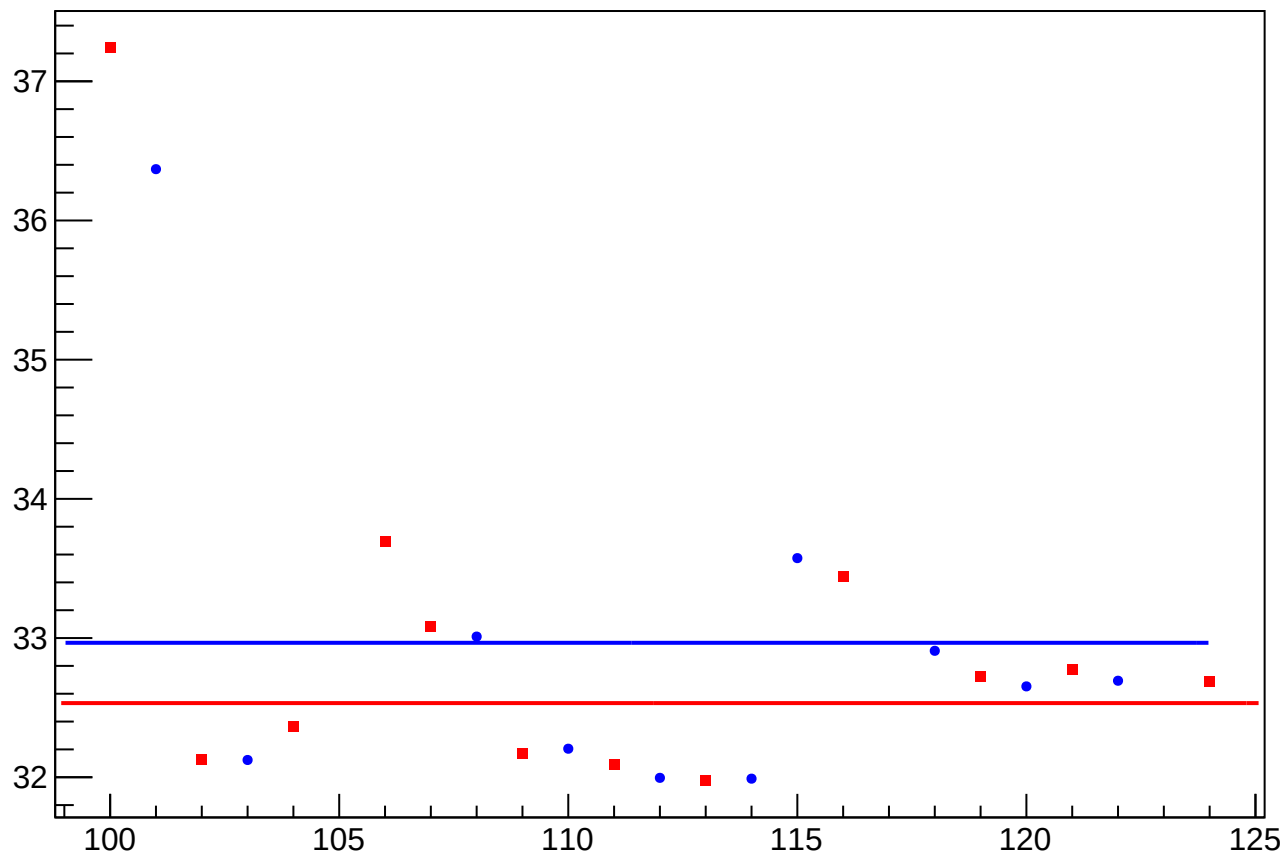
Right: 0.073+/-0.000 χ^2/NDF : 1408224.7/20

In: 0.071+/-0.000 χ^2/NDF : 632518.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.000 χ^2/NDF : 1408224.7/20

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.966+/-0.000 χ^2/NDF : 632545275.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.533+/-0.000 χ^2/NDF : 139076180.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

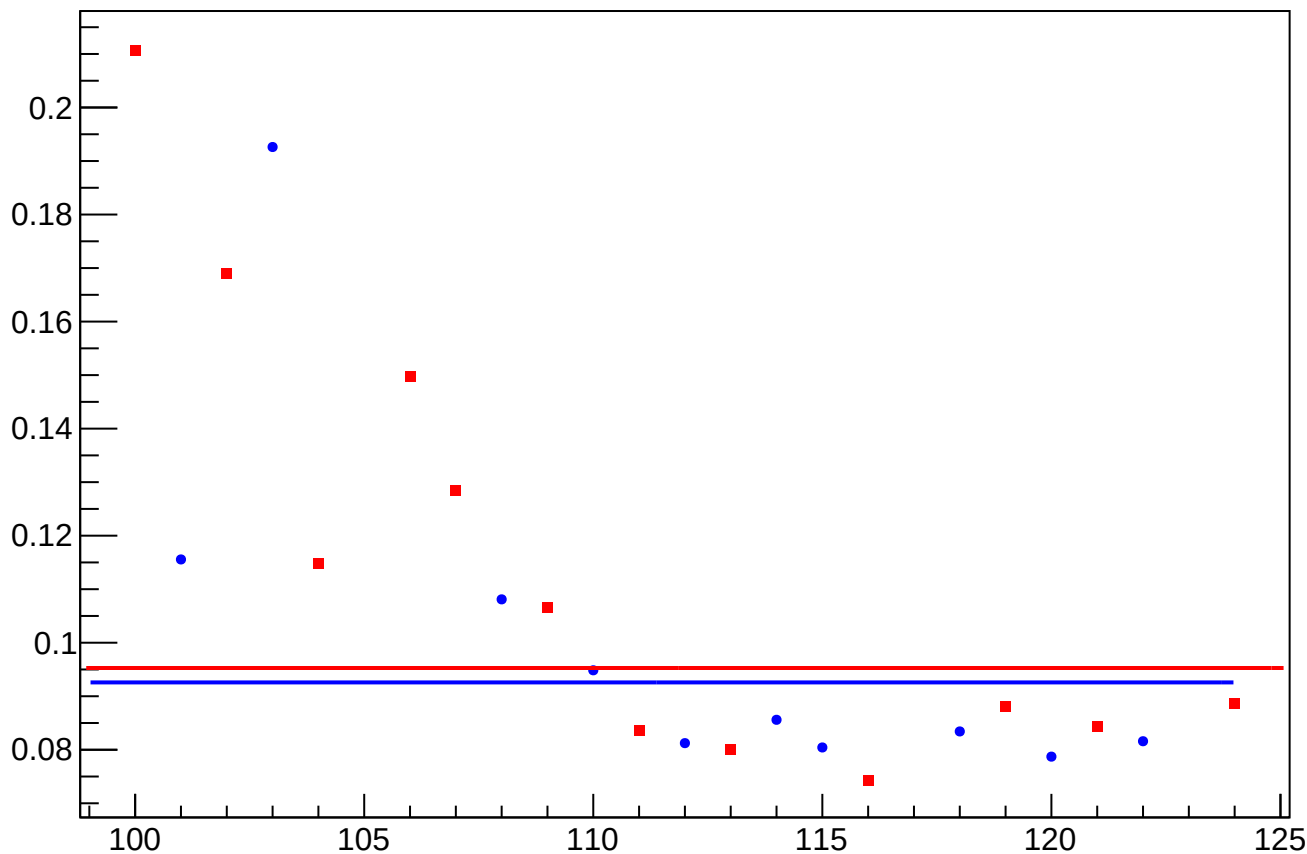
Right: 32.742+/-0.000 χ^2/NDF : 811087877.3/21

In: 32.966+/-0.000 χ^2/NDF : 632545275.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.742+/-0.000 χ^2/NDF : 811087877.3/21

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.093+/-0.000 χ^2/NDF : 446532.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.095+/-0.000 χ^2/NDF : 504264.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

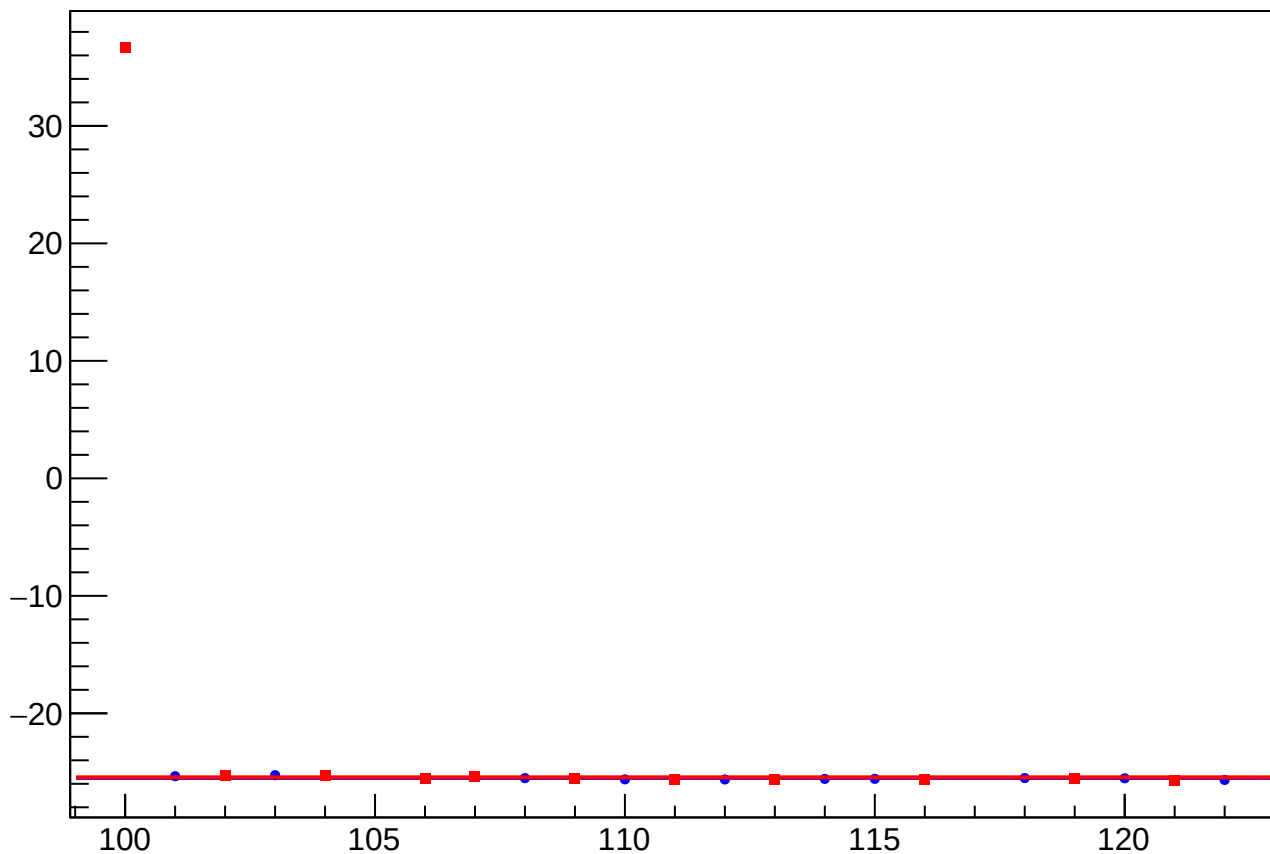
Right: 0.094+/-0.000 χ^2/NDF : 953848.5/21

In: 0.093+/-0.000 χ^2/NDF :446532.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.094+/-0.000 χ^2/NDF : 953848.5/21

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.498+/-0.000 χ^2/NDF : 43311176.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.452+/-0.000 χ^2/NDF : 8836745494.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

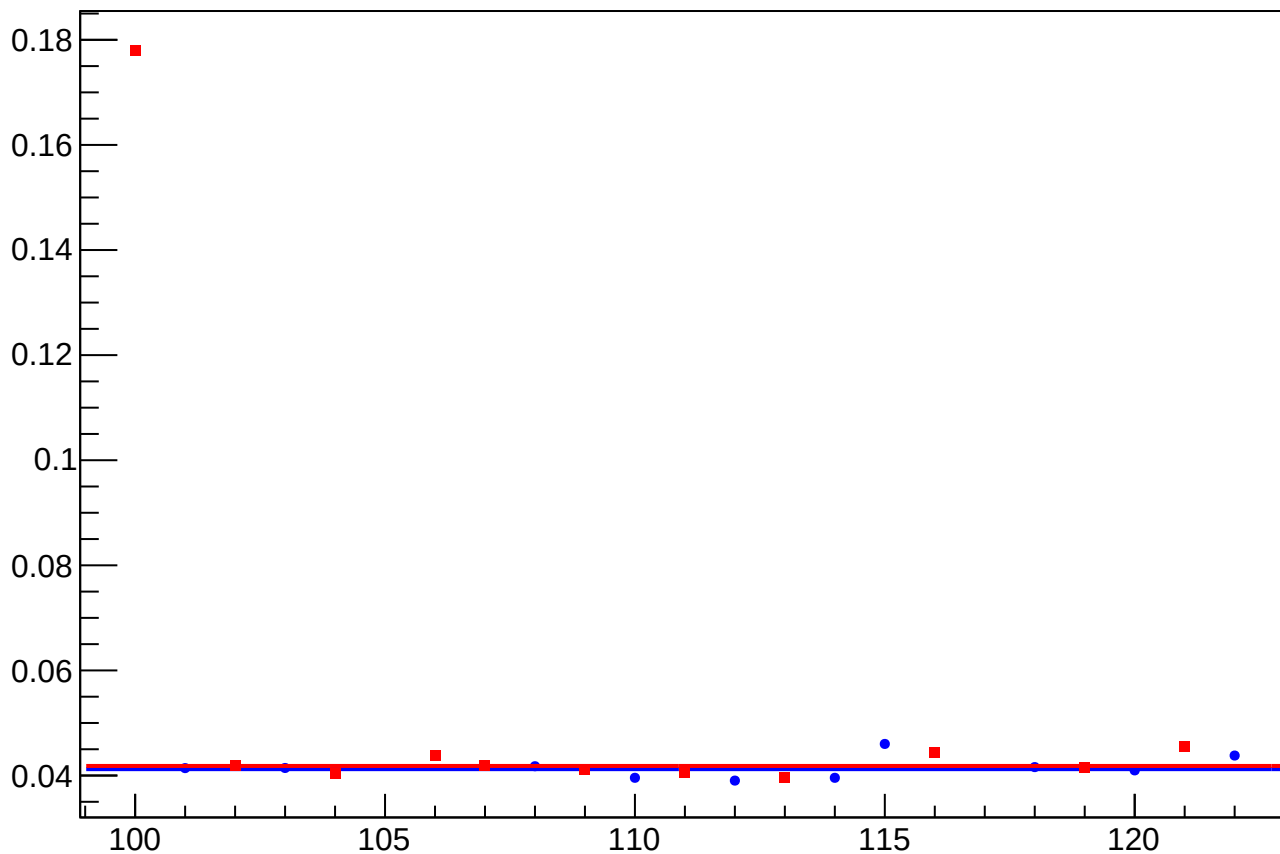
Right: -25.474+/-0.000 χ^2/NDF : 8882591741.1/20

In: -25.498+/-0.000 χ^2/NDF : 43311176.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.474+/-0.000 χ^2/NDF : 8882591741.1/20

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 11025.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 98046.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

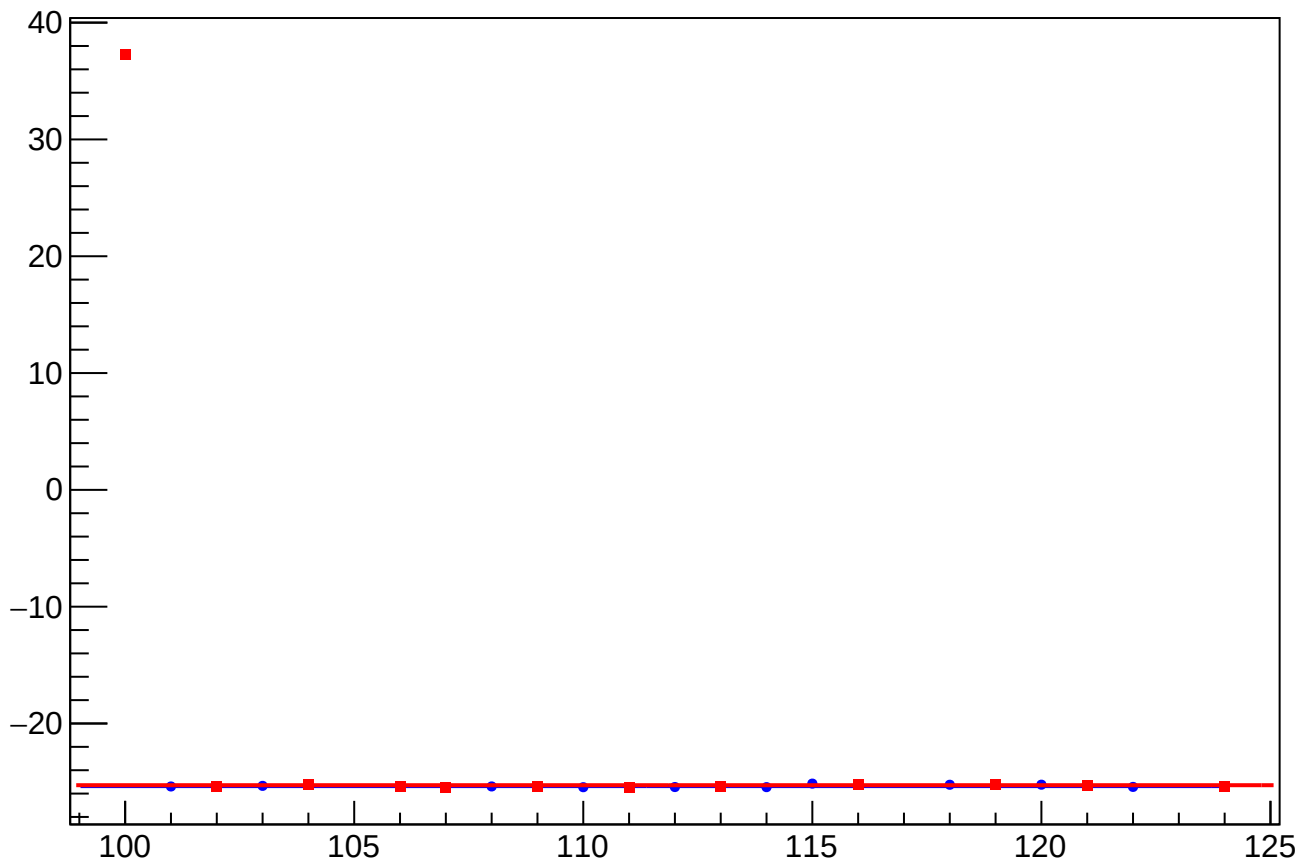
Right: 0.042+/-0.000 χ^2/NDF : 109987.4/20

In: 0.041+/-0.000 χ^2/NDF : 11025.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 109987.4/20

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.360+/-0.000 χ^2/NDF : 8337593.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.283+/-0.000 χ^2/NDF : 6304071132.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

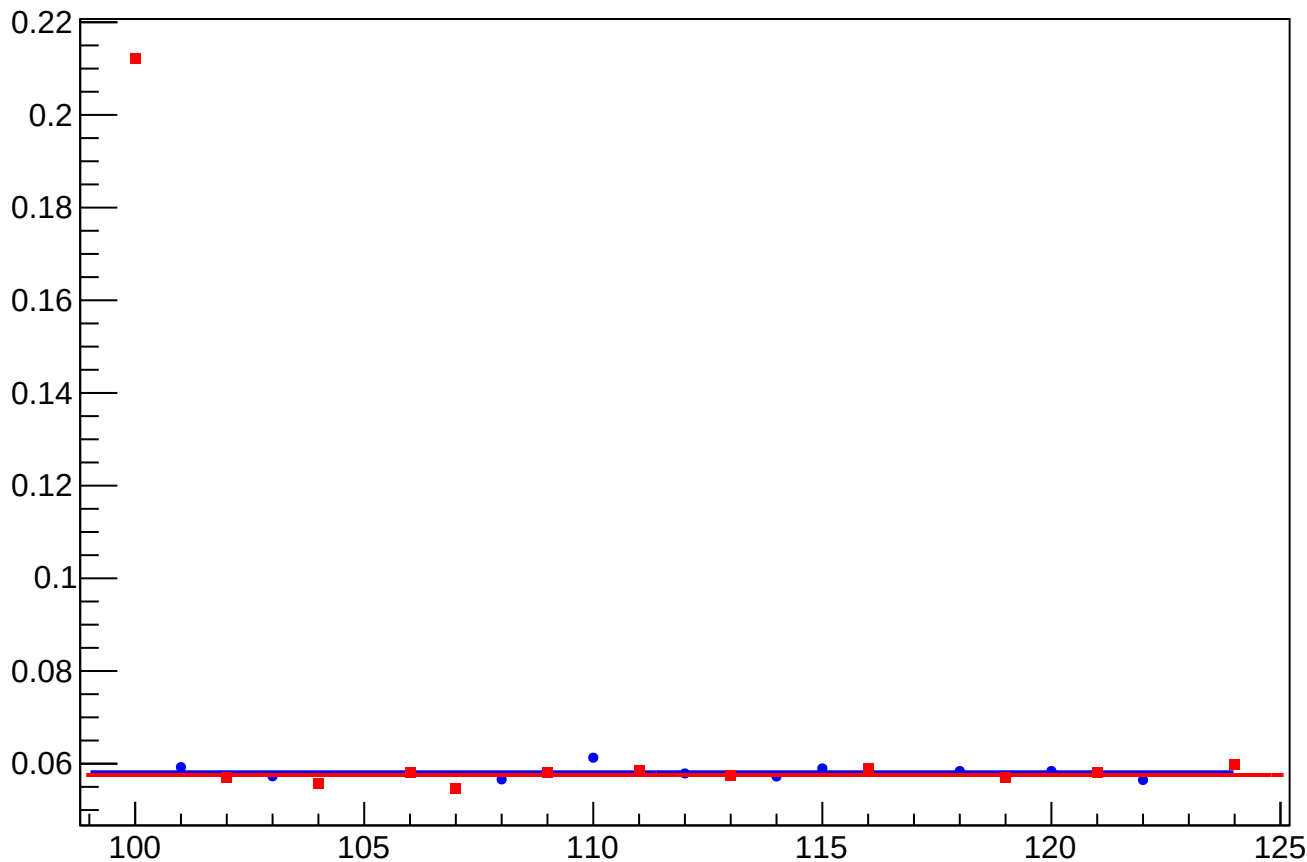
Right: -25.318+/-0.000 χ^2/NDF : 6316148585.3/21

In: -25.360+/-0.000 χ^2/NDF : 8337593.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.318+/-0.000 χ^2/NDF : 6316148585.3/32

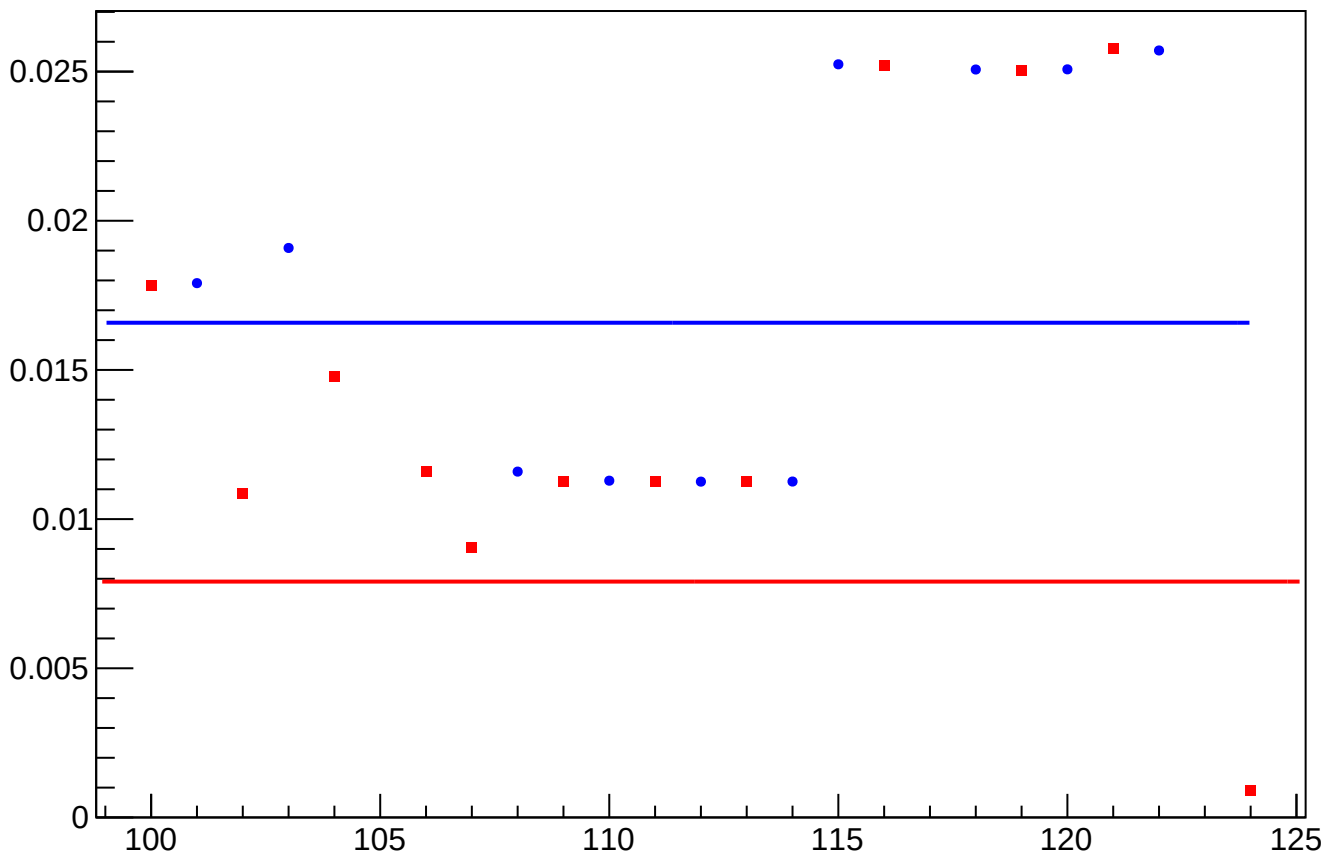
yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 4037.2/9
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.058+/-0.000 χ^2/NDF : 80583.3/11
Left 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 : 85047.4/21
In: 0.058+/-0.000 χ^2/NDF : 4037.2/9
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.058+/-0.000 χ^2/NDF : 85047.4/21

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.000

χ^2/NDF : 33745464279.2/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.011+/-0.000

χ^2/NDF : 211579062208.1/21

Right Out: 0.008+/-0.000

χ^2/NDF : 128640350748.1/11

In: 0.017+/-0.000

χ^2/NDF : 33745464279.2/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

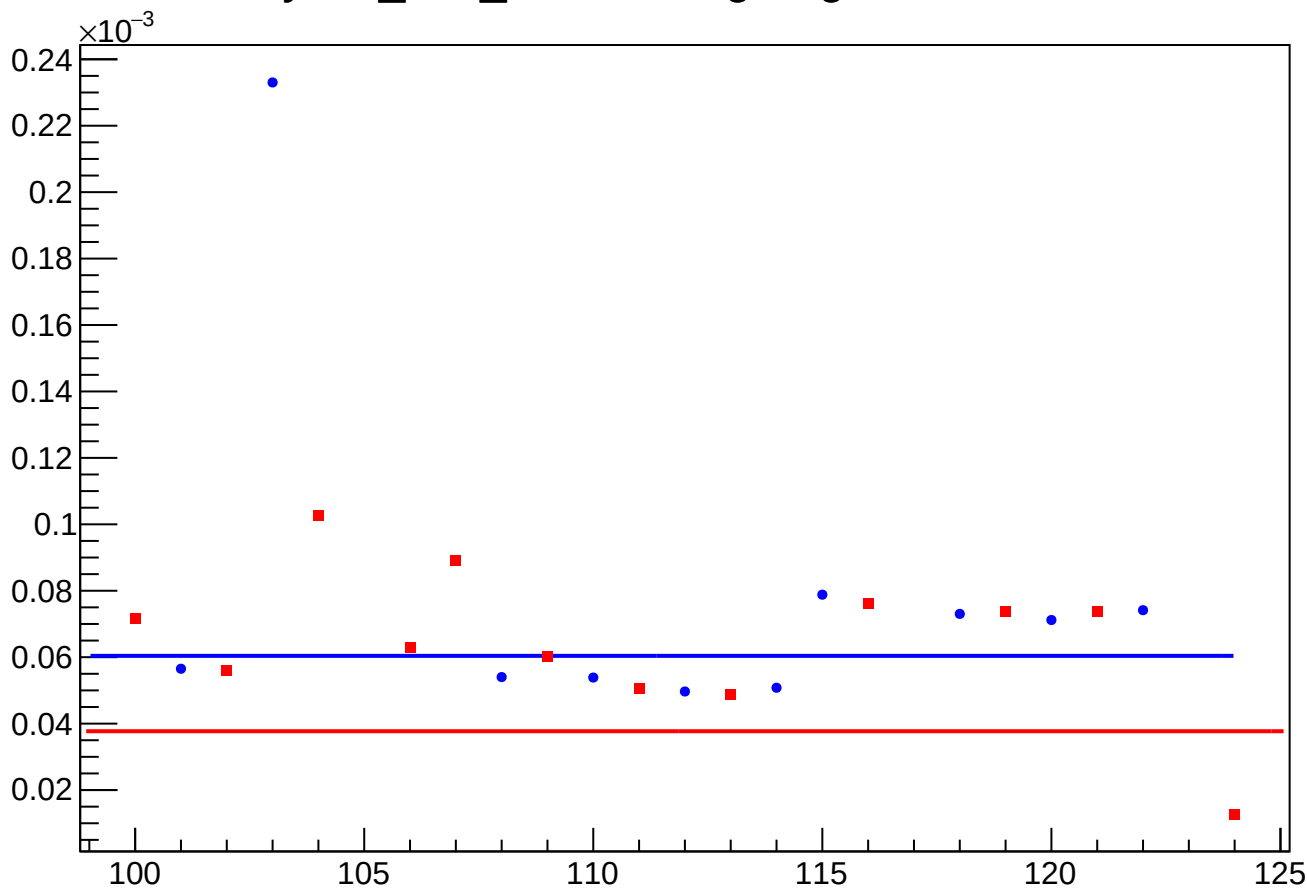
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 211579062208.1

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 704074.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2725333.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

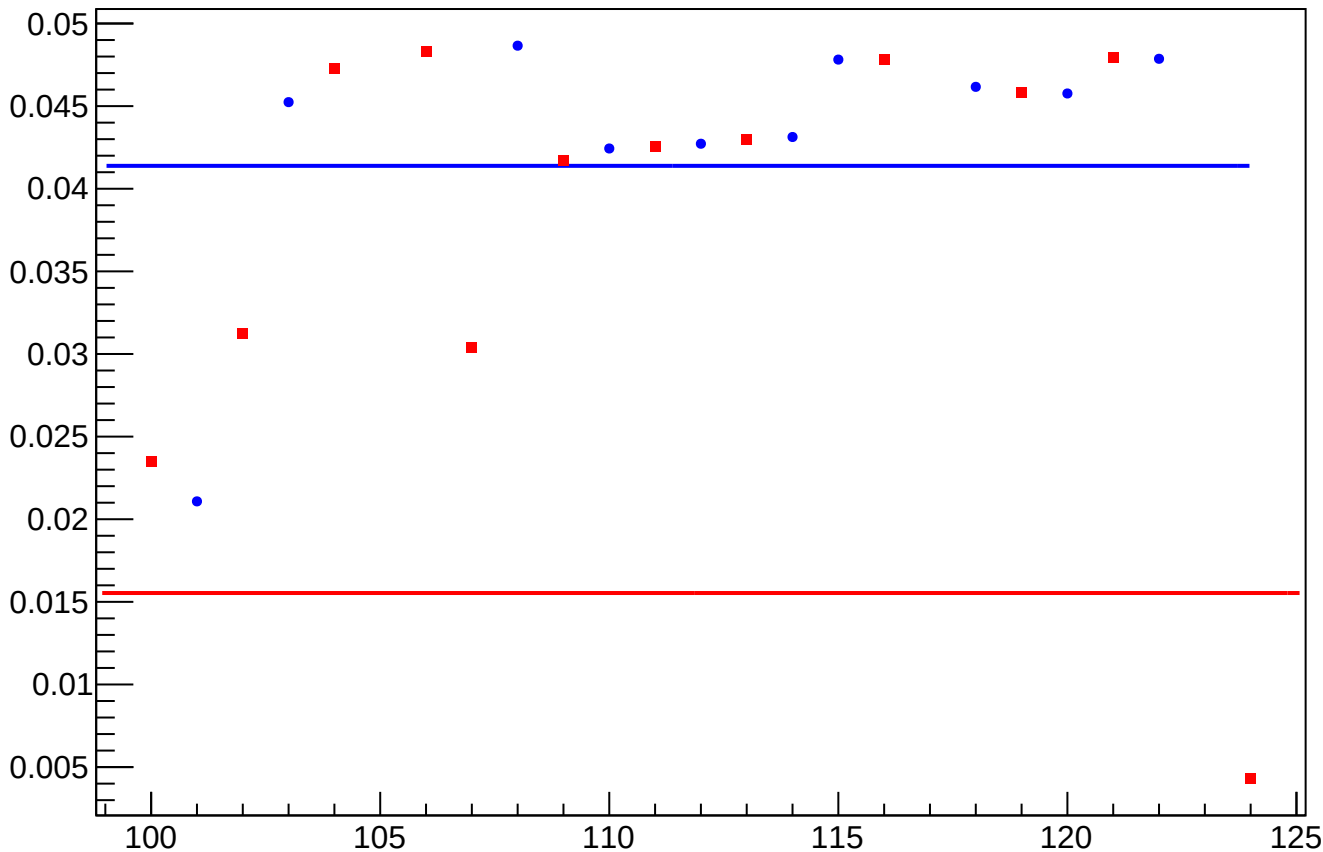
Right: 0.000+/-0.000 χ^2/NDF : 4102285.8/21

In: 0.000+/-0.000 χ^2/NDF : 704074.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4102285.8/21

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.000

χ^2/NDF : 2598044741.5/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.022+/-0.000

χ^2/NDF : 47693344823.3/21

Right Out: 0.016+/-0.000

χ^2/NDF : 30338558813.3/11

In: 0.041+/-0.000

χ^2/NDF : 2598044741.5/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

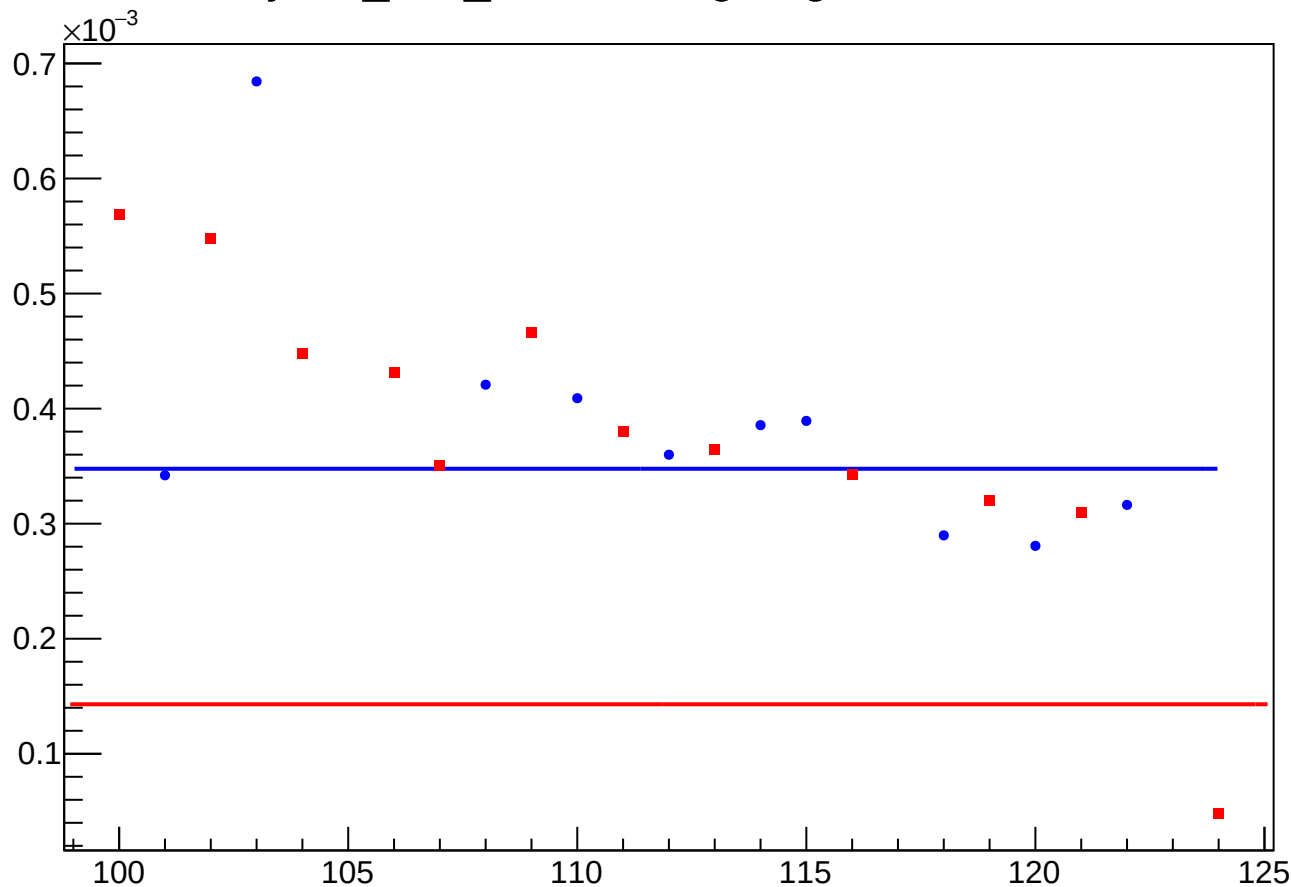
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.022+/-0.000

χ^2/NDF : 47693344823.3/21

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 395378.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4480525.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

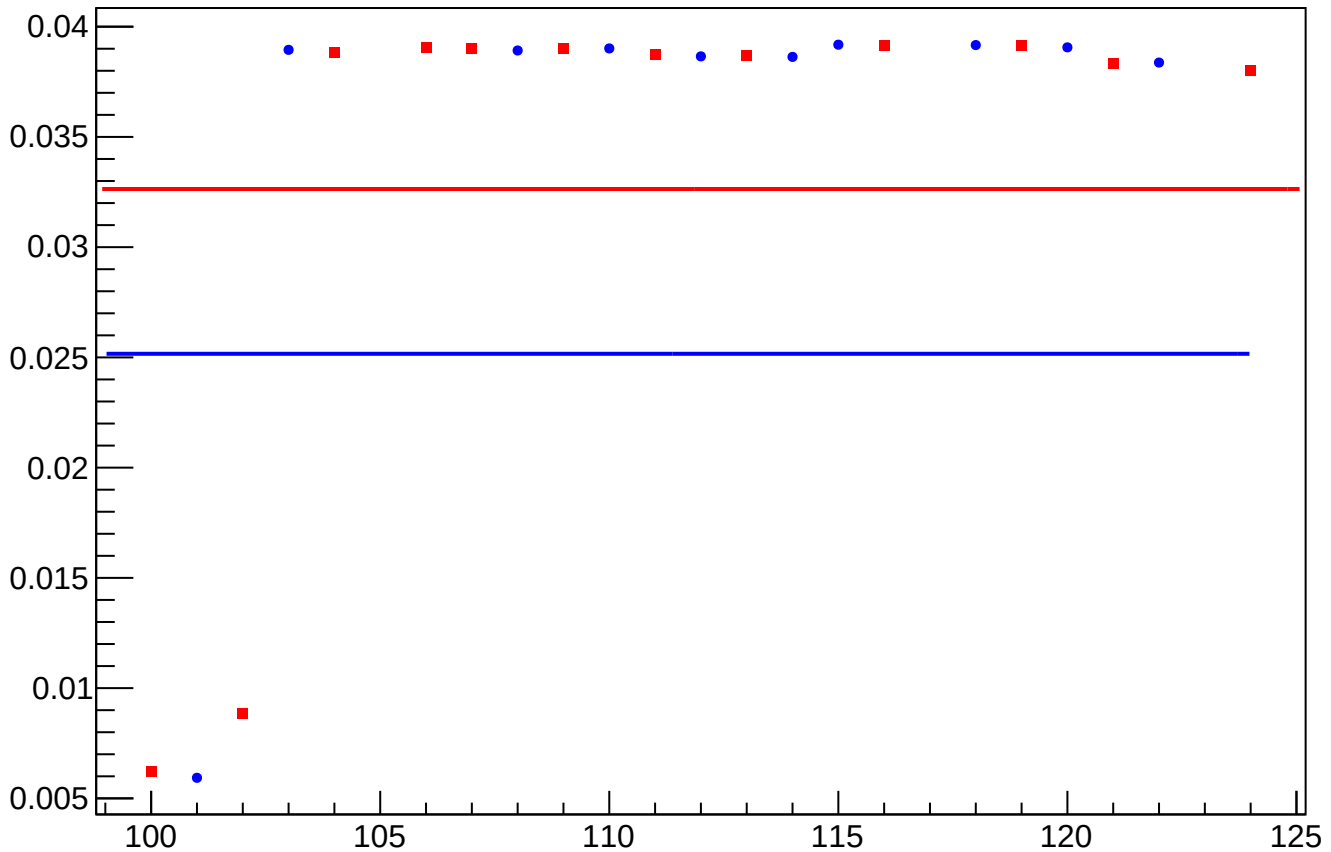
Right: 0.000+/-0.000 χ^2/NDF : 6726710.5/21

In: 0.000+/-0.000 χ^2/NDF : 395378.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6726710.5/21

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 86644644434.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 43397298578.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

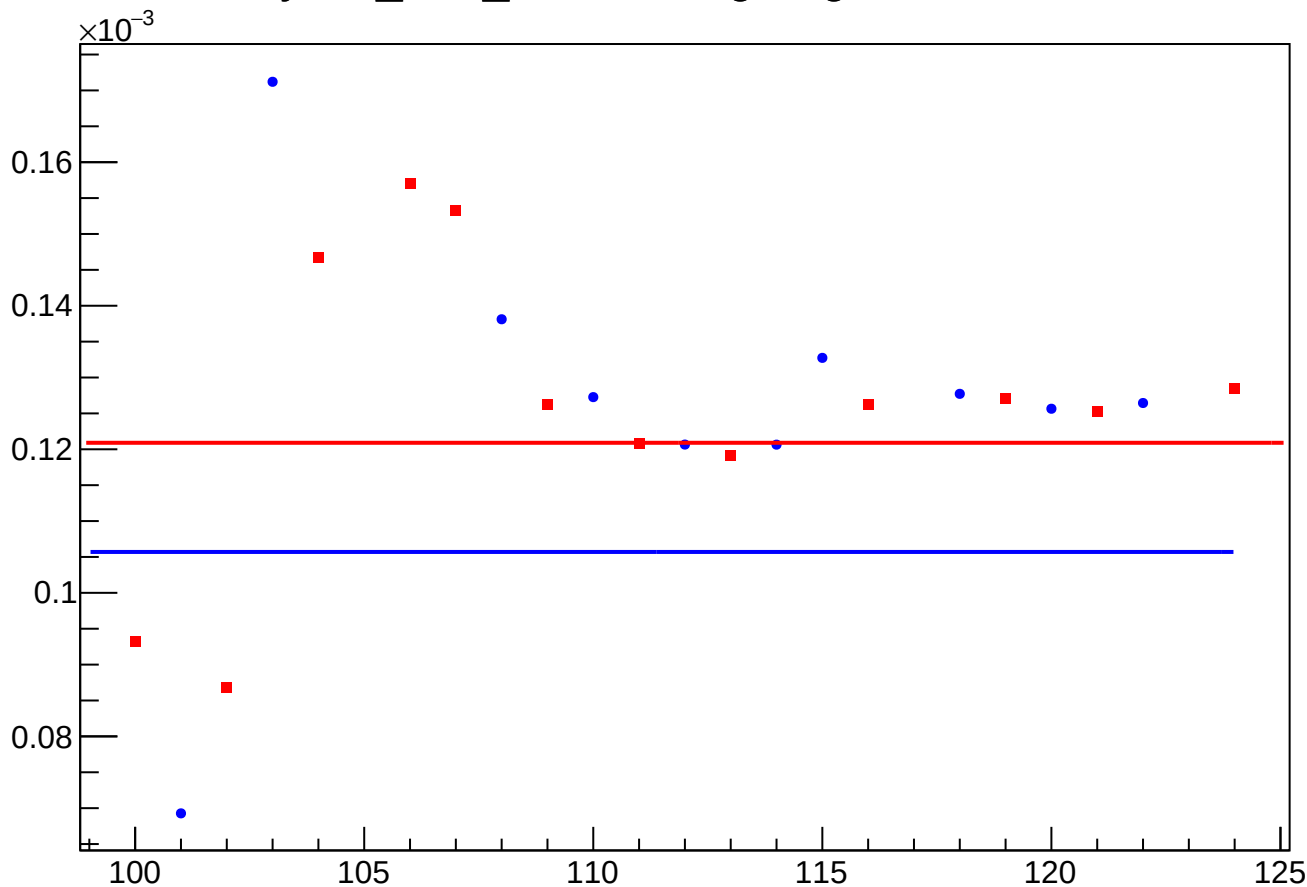
Right: 0.029+/-0.000 χ^2/NDF : 138648162330.5/21

In: 0.025+/-0.000 χ^2/NDF :86644644434.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.029+/-0.000 χ^2/NDF : 138648162330.5

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 702366.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 221394.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

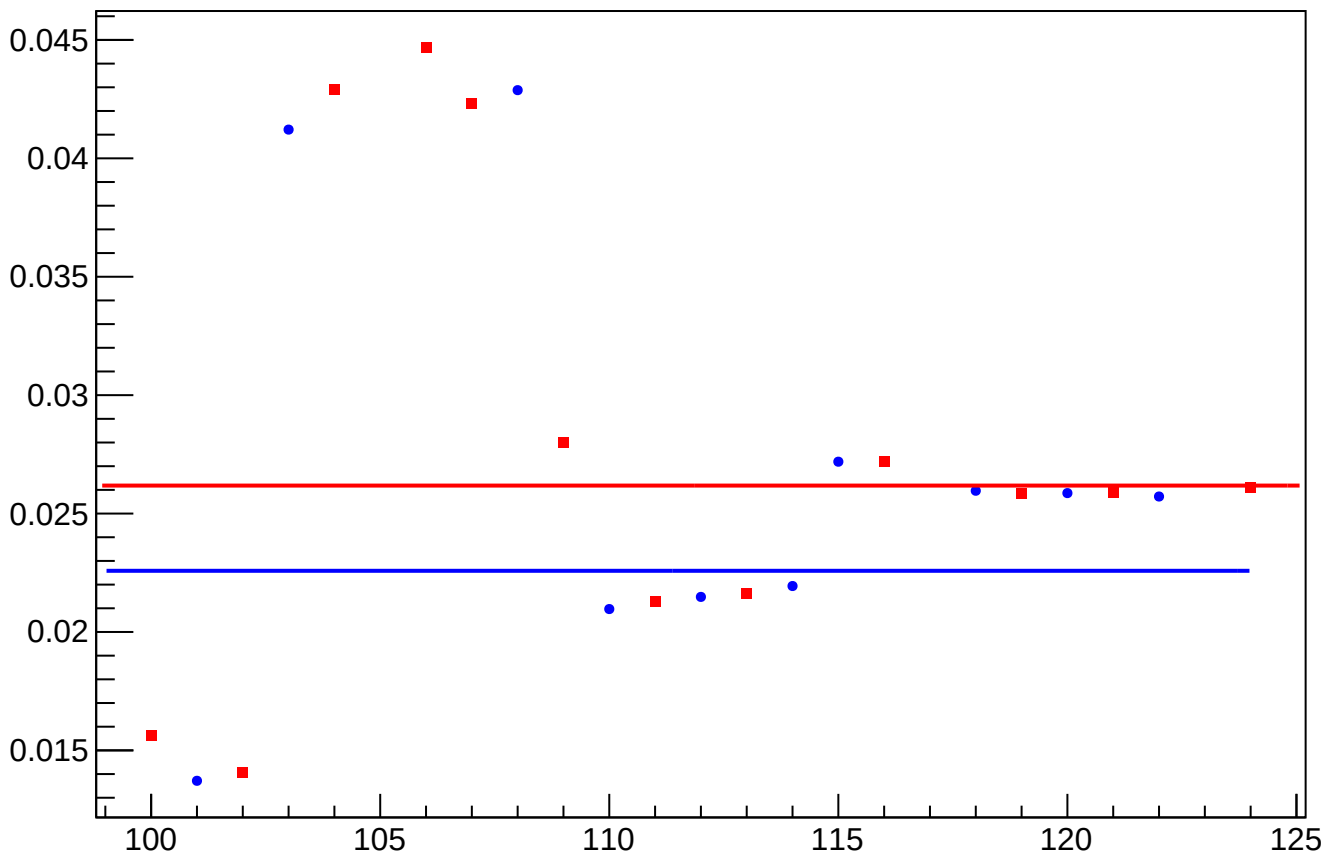
Right: 0.000+/-0.000 χ^2/NDF : 995042.4/21

In: 0.000+/-0.000 χ^2/NDF : 702366.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 995042.4/21

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000

χ^2/NDF : 3401931985.5/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.024+/-0.000

χ^2/NDF : 6948293191.3/21

Right Out: 0.026+/-0.000

χ^2/NDF : 3227758696.8/11

In: 0.023+/-0.000

χ^2/NDF : 3401931985.5/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

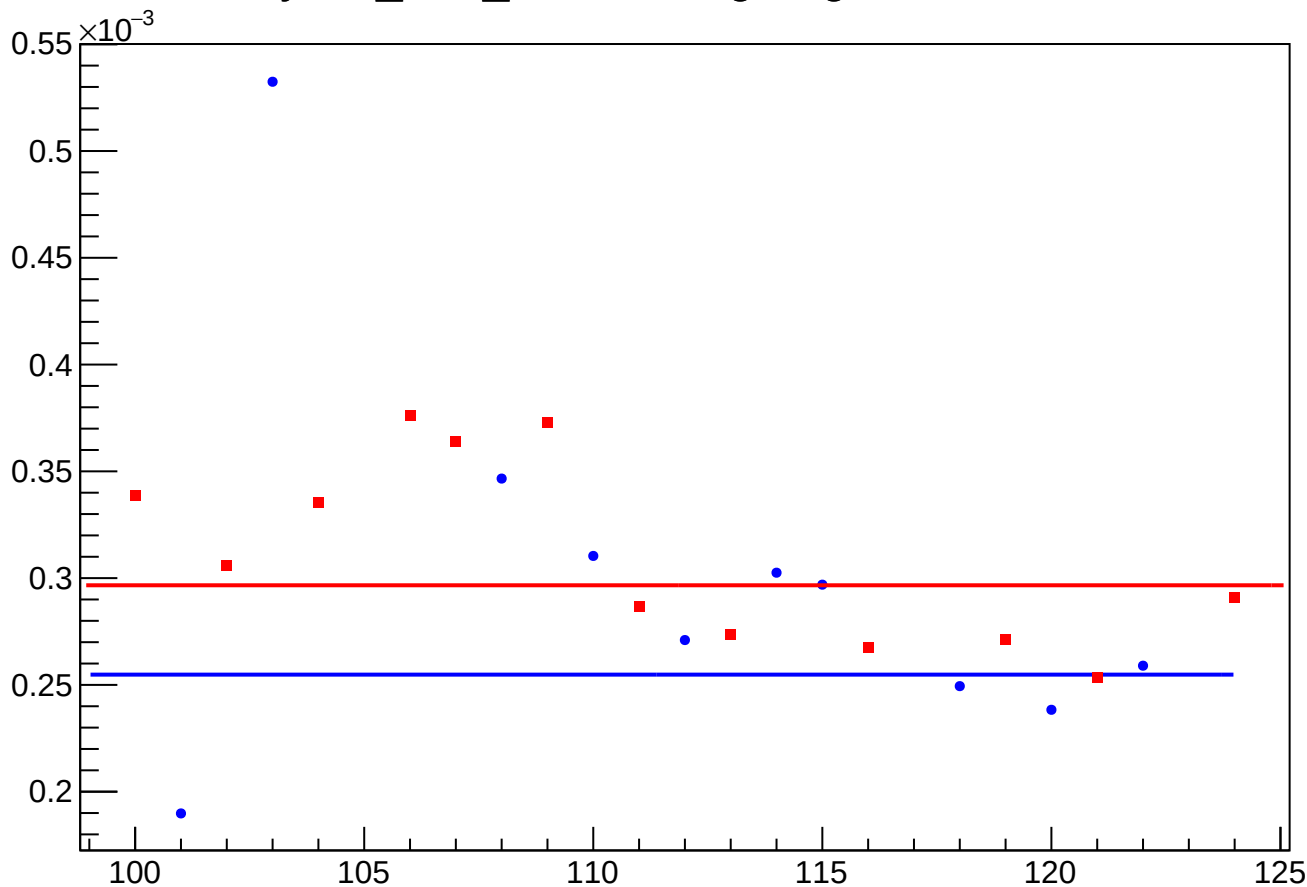
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.024+/-0.000

χ^2/NDF : 6948293191.3/21

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 528652.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 135036.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

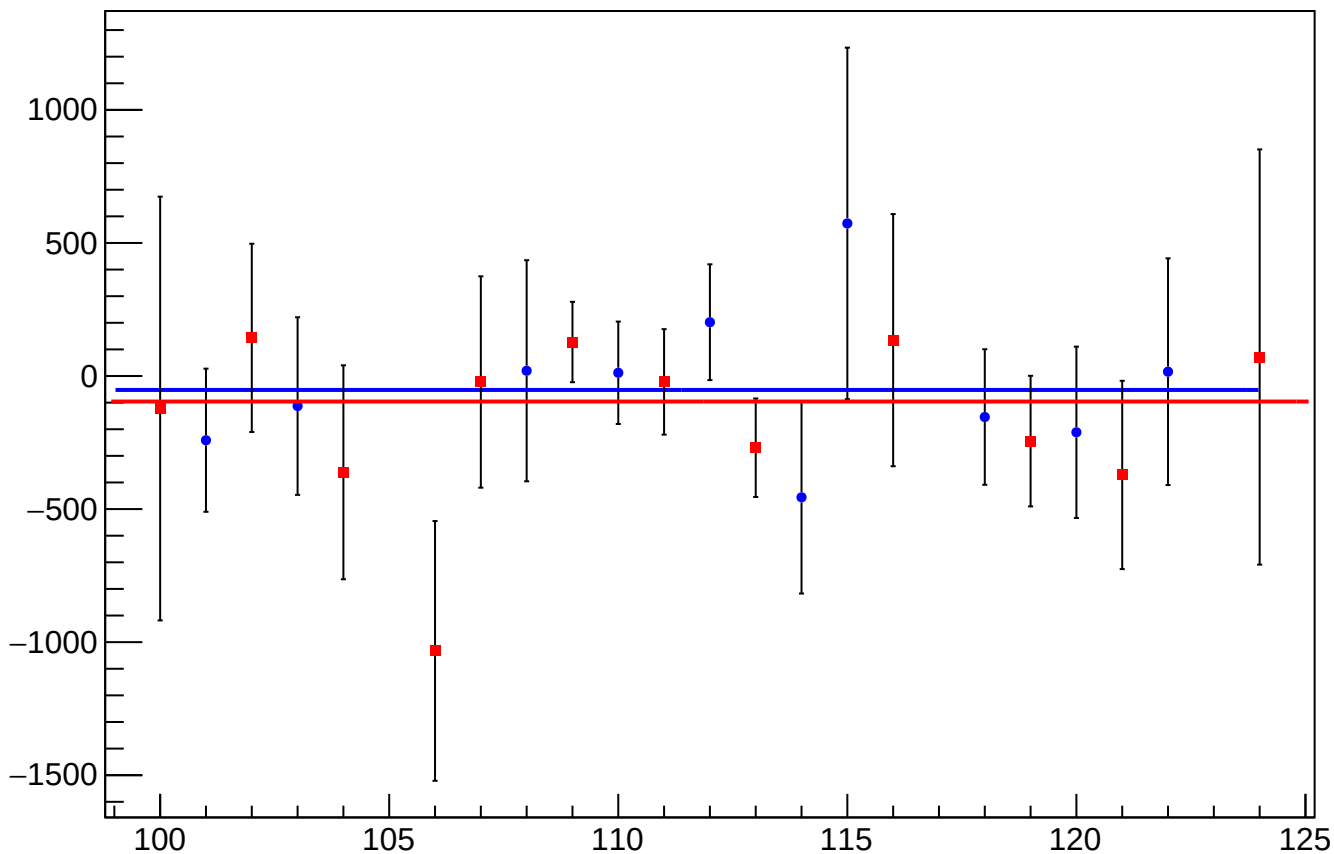
Right: 0.000+/-0.000 χ^2/NDF : 749814.2/21

In: 0.000+/-0.000 χ^2/NDF : 528652.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 749814.2/21

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -52.304 ± 92.350 χ^2/NDF : 4.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -95.873 ± 80.205 χ^2/NDF : 9.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

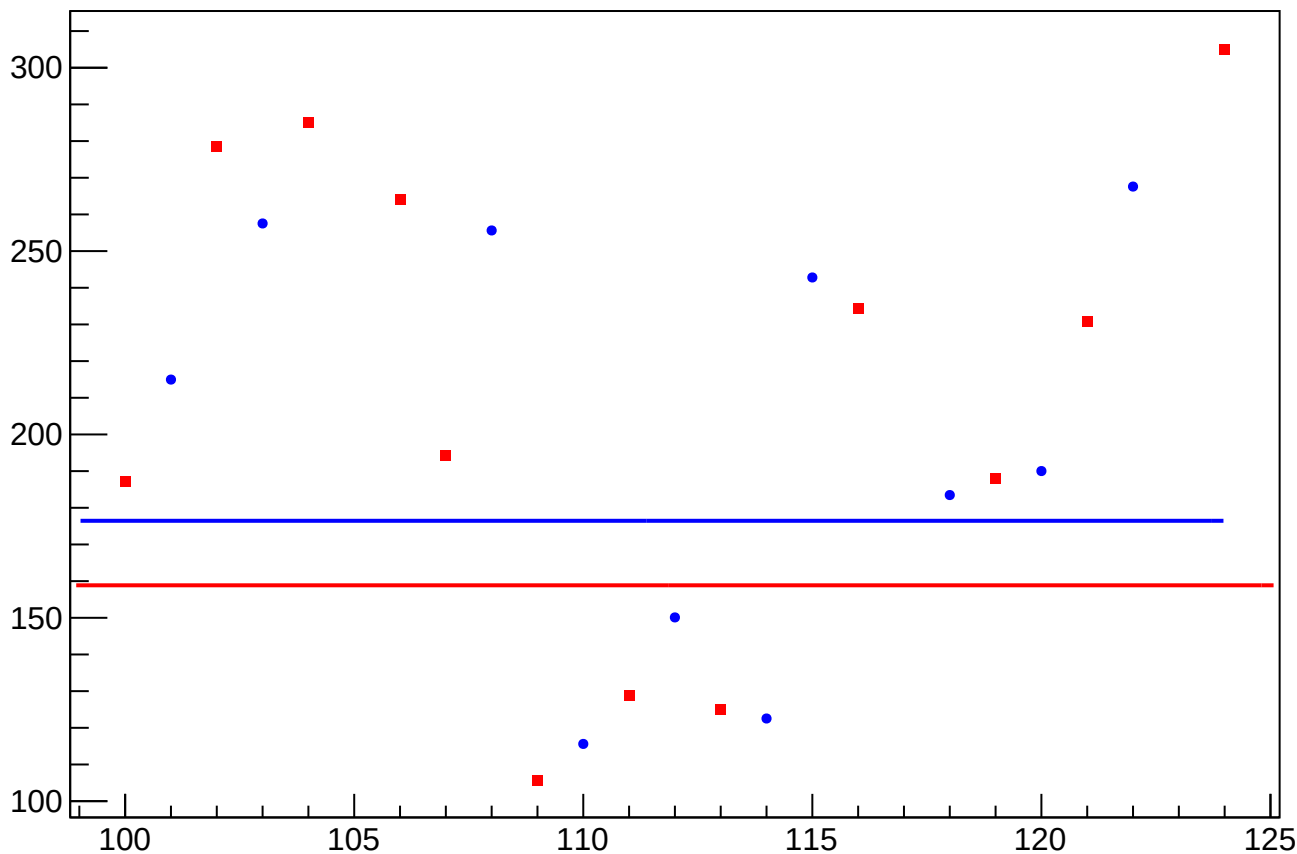
Right: -77.140 ± 60.555 χ^2/NDF : 13.8/21

In: -52.304 ± 92.350 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -77.140 ± 60.555 χ^2/NDF : 13.8/21

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 176.455+/-0.065 χ^2/NDF : 622273.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.863+/-0.057 χ^2/NDF : 1130550.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

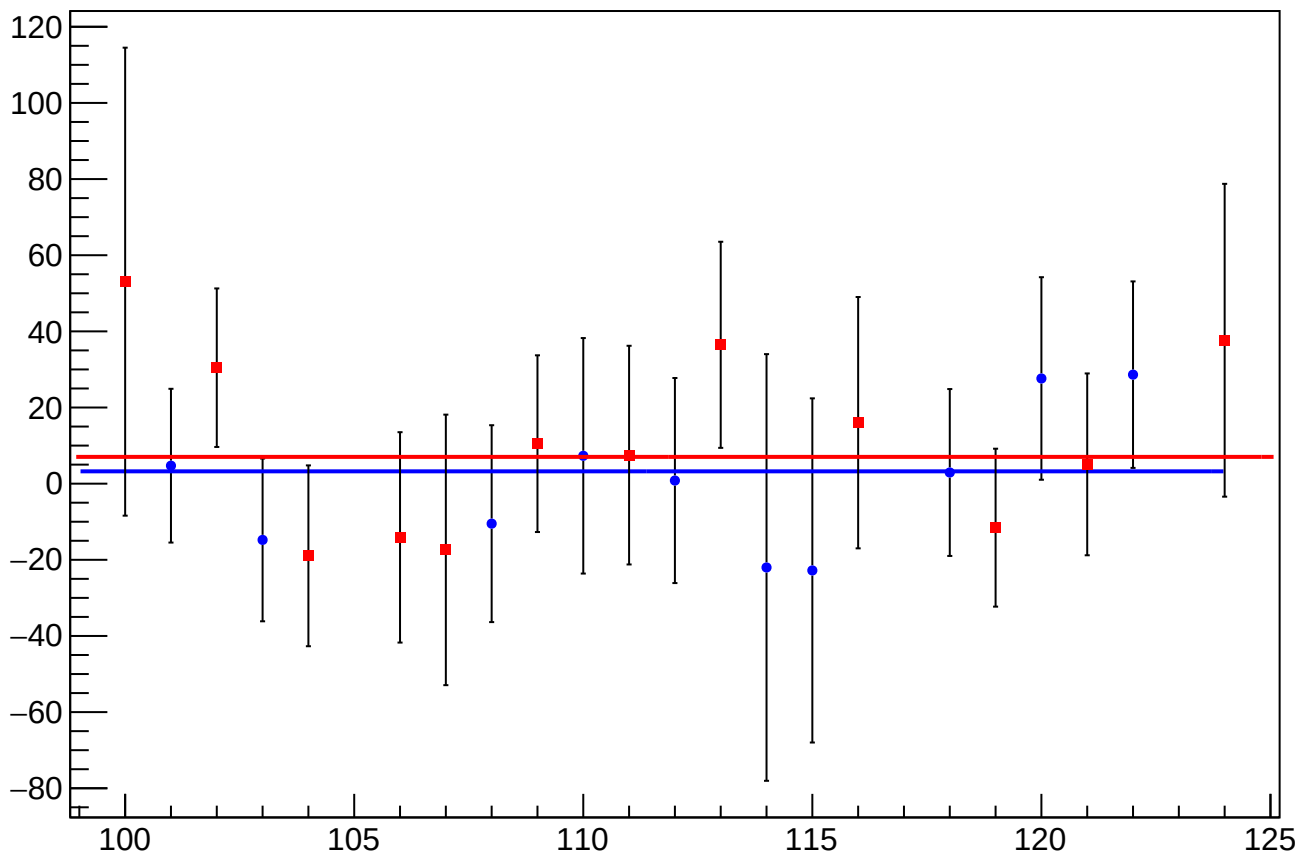
Right: 166.427+/-0.043 χ^2/NDF : 1794192.5/21

In: 176.455+/-0.065 χ^2/NDF : 622273.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.427+/-0.043 χ^2/NDF : 1794192.5/21

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.238+/-8.296 χ^2/NDF : 3.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.035+/-7.792 χ^2/NDF : 6.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

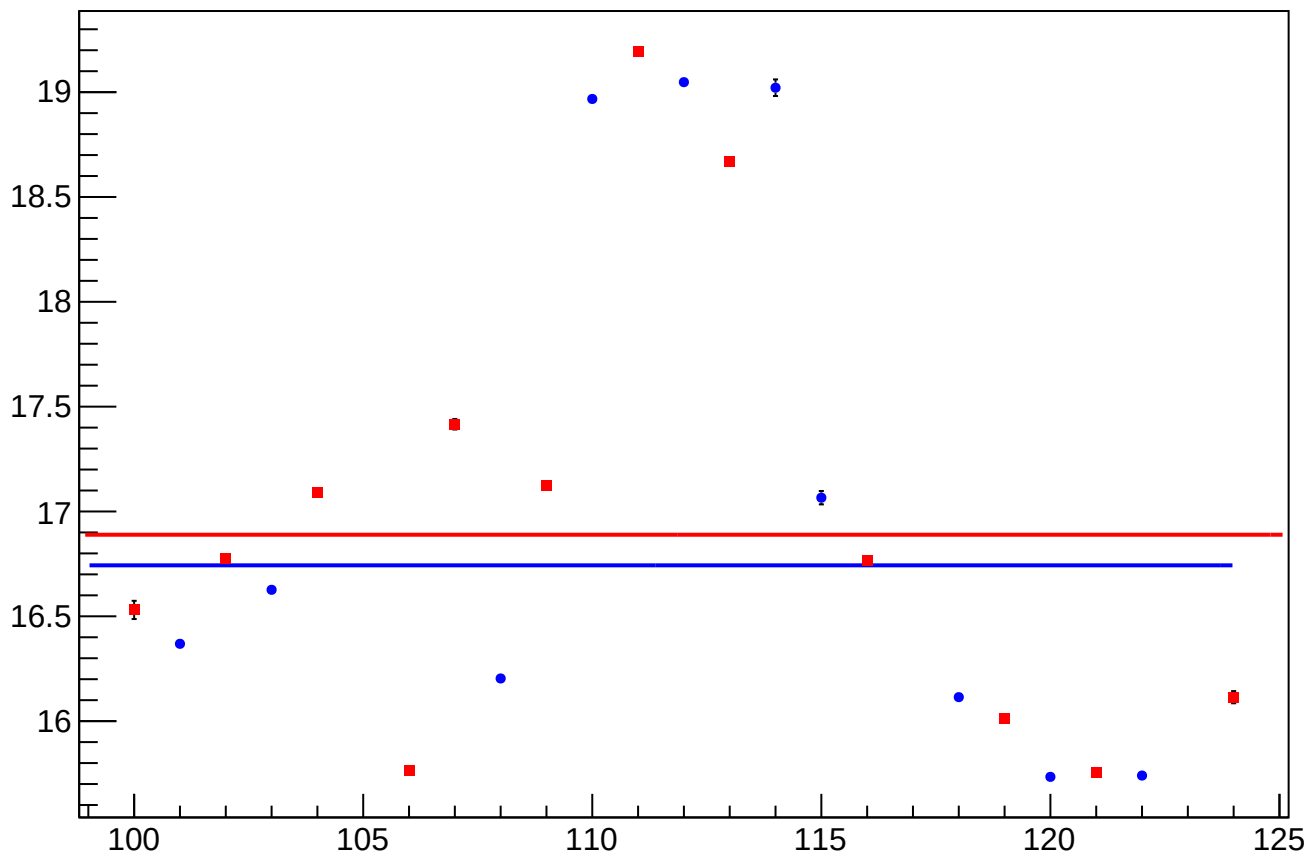
Right: 5.255+/-5.680 χ^2/NDF : 10.3/21

In: 3.238+/-8.296 χ^2/NDF : 3.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.255+/-5.680 χ^2/NDF : 10.3/21

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.743+/-0.006 χ^2/NDF : 37893.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.889+/-0.006 χ^2/NDF : 34563.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

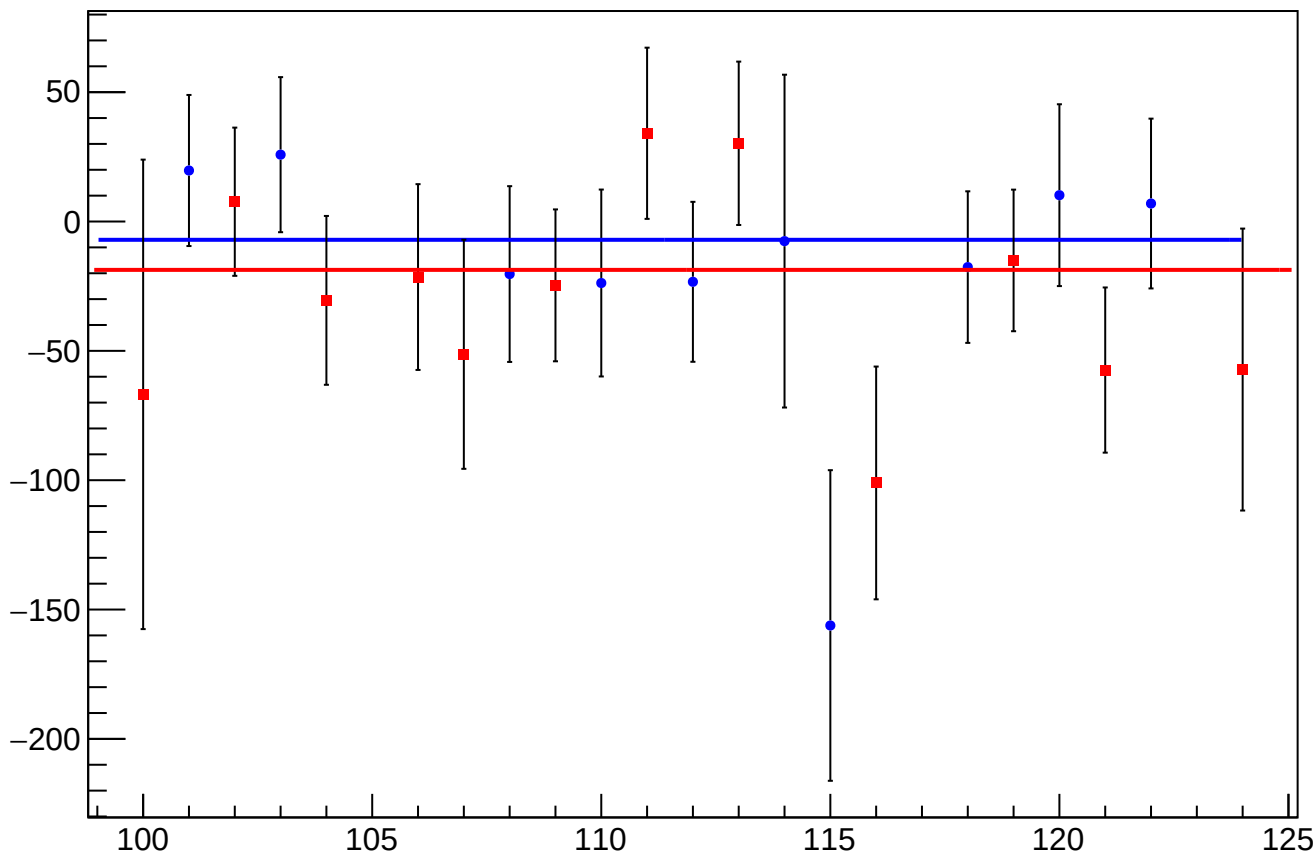
Right: 16.821+/-0.004 χ^2/NDF : 72786.0/21

In: 16.743+/-0.006 χ^2/NDF :37893.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.821+/-0.004 χ^2/NDF : 72786.0/21

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.069+/-10.920 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.696+/-10.108 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

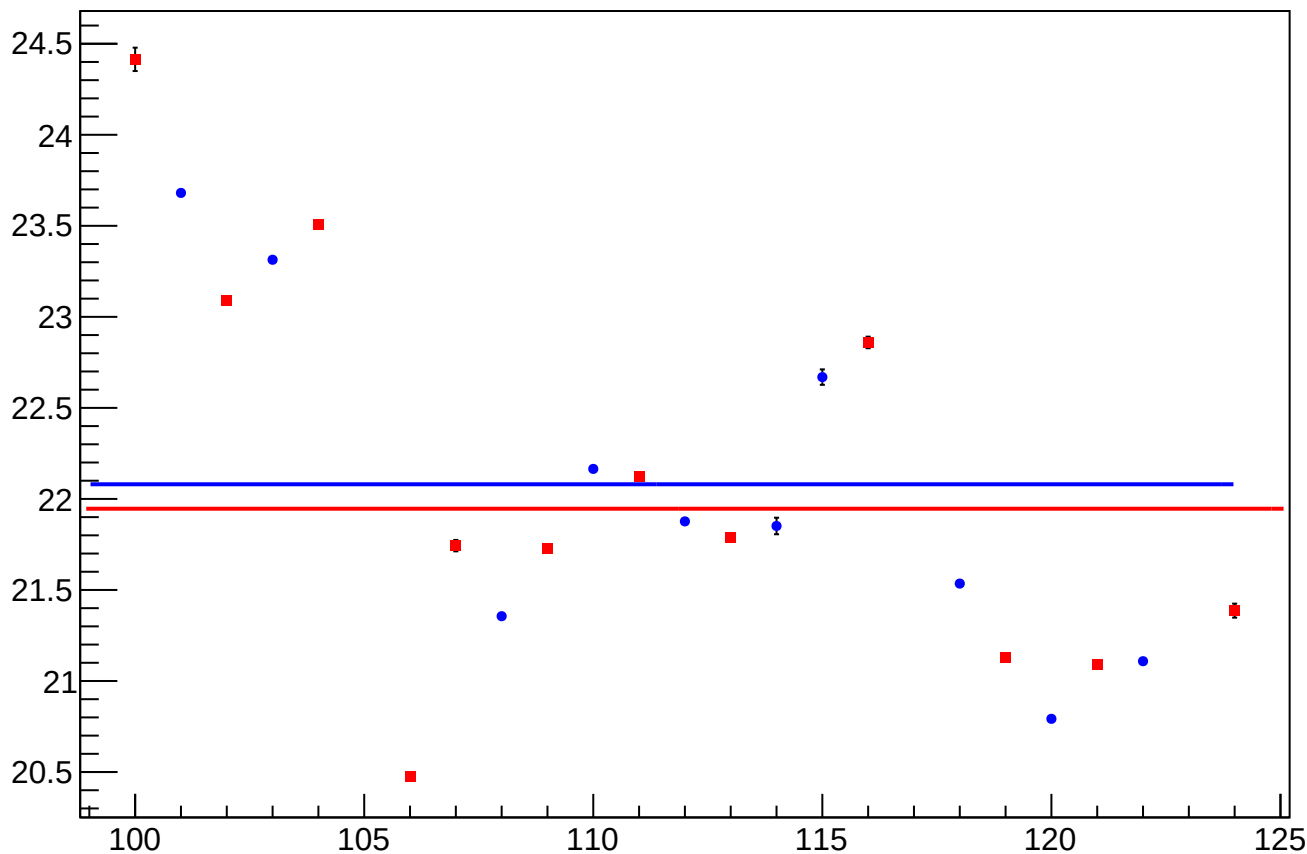
Right: -13.330+/-7.418 χ^2/NDF : 22.2/21

In: -7.069+/-10.920 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.330+/-7.418 χ^2/NDF : 22.2/21

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.080+/-0.008 χ^2/NDF : 15750.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.946+/-0.007 χ^2/NDF : 17121.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

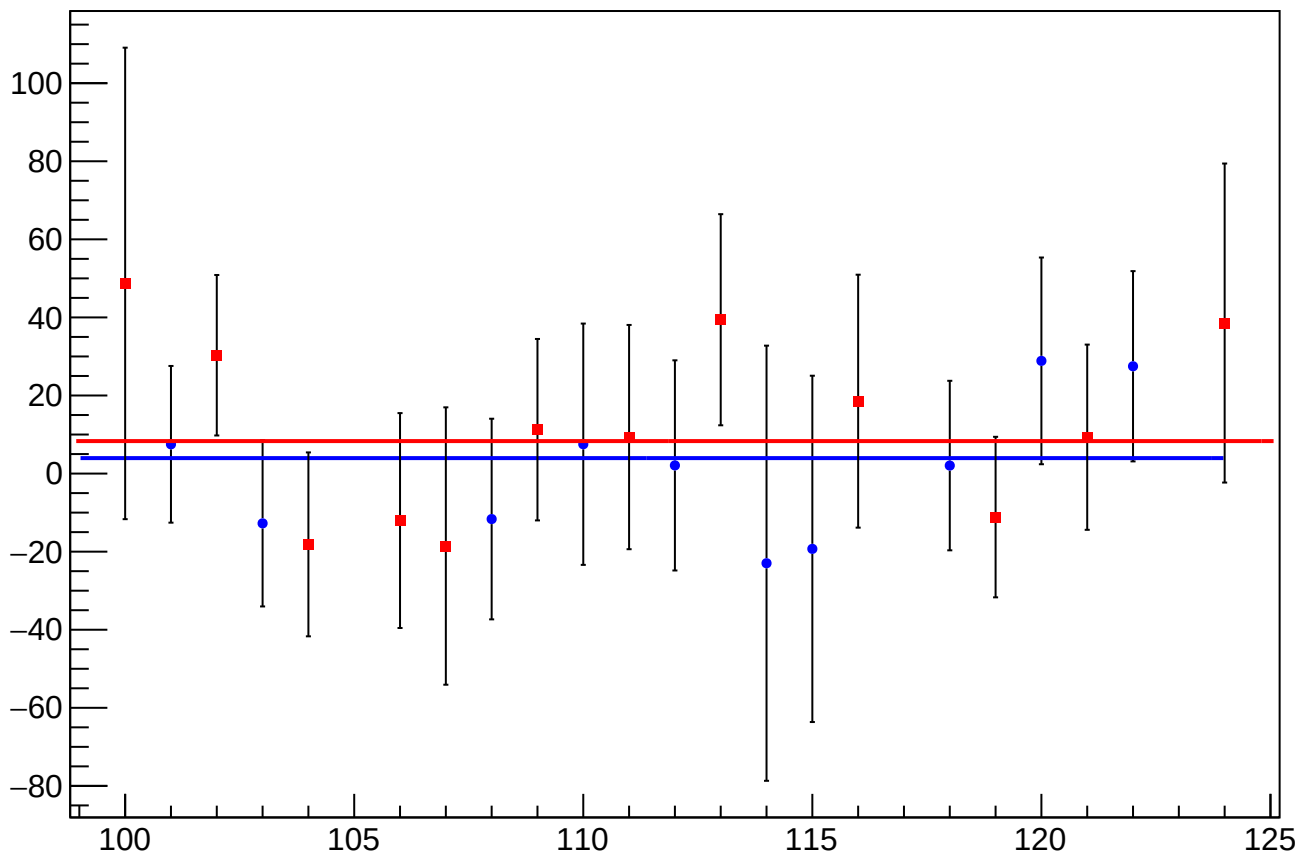
Right: 22.008+/-0.005 χ^2/NDF : 33034.8/21

In: 22.080+/-0.008 χ^2/NDF : 15750.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.008+/-0.005 χ^2/NDF : 33034.8/21

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.963+/-8.250 χ^2/NDF : 3.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.323+/-7.742 χ^2/NDF : 6.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

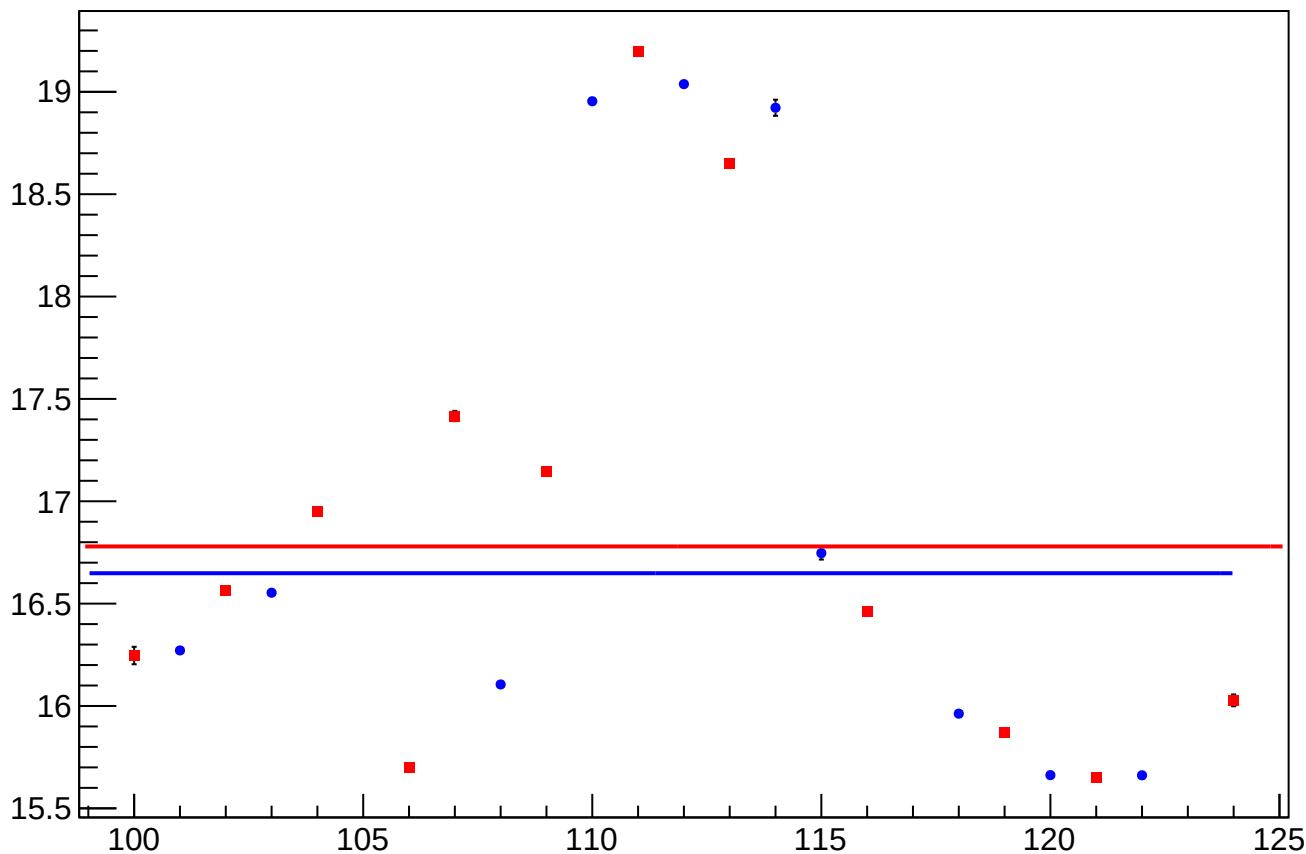
Right: 6.281+/-5.646 χ^2/NDF : 10.4/21

In: 3.963+/-8.250 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.281+/-5.646 χ^2/NDF : 10.4/21

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.648+/-0.006 χ^2/NDF : 39921.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.779+/-0.005 χ^2/NDF : 37715.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

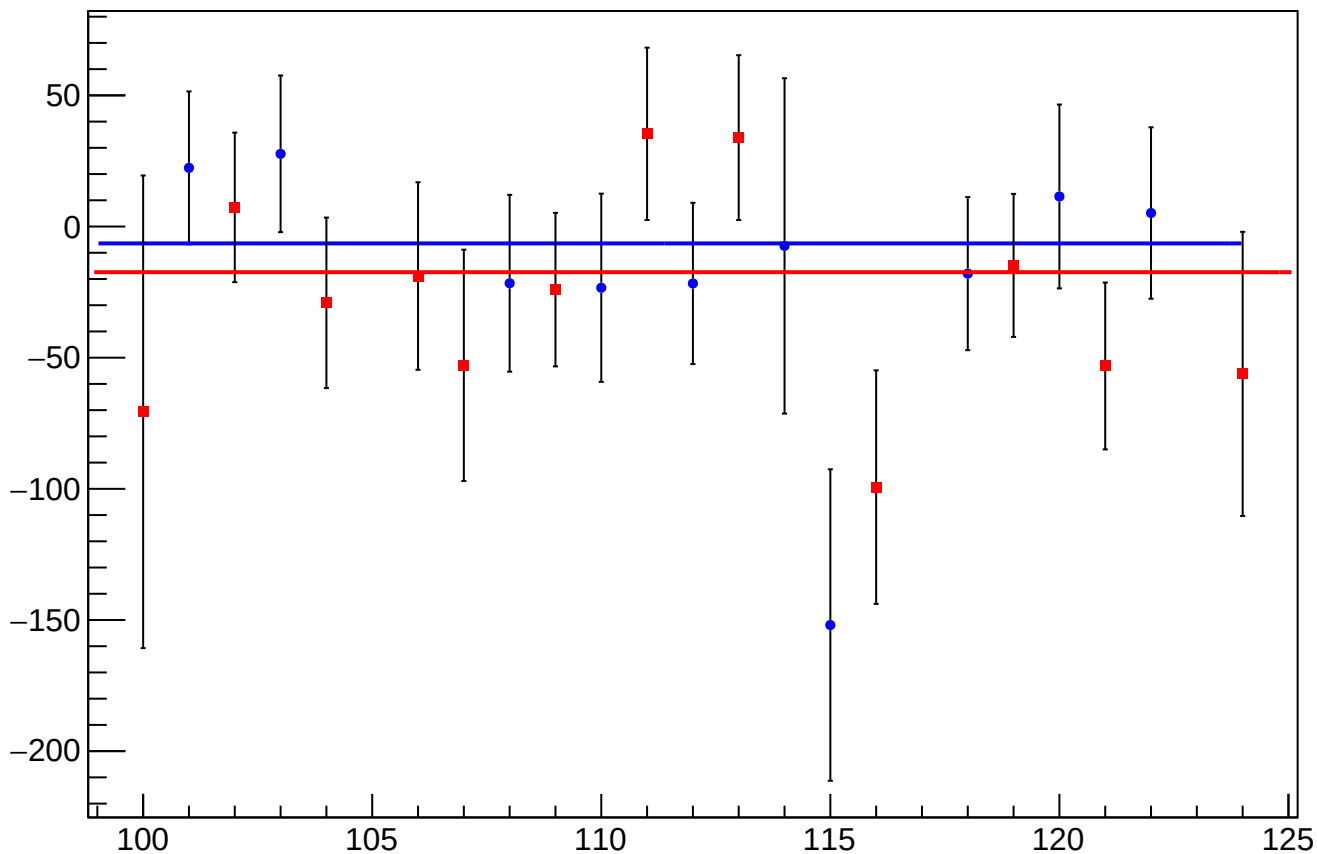
Right: 16.718+/-0.004 χ^2/NDF : 77903.8/21

In: 16.648+/-0.006 χ^2/NDF : 39921.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.718+/-0.004 χ^2/NDF : 77903.8/21

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.438+/-10.868 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.404+/-10.058 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

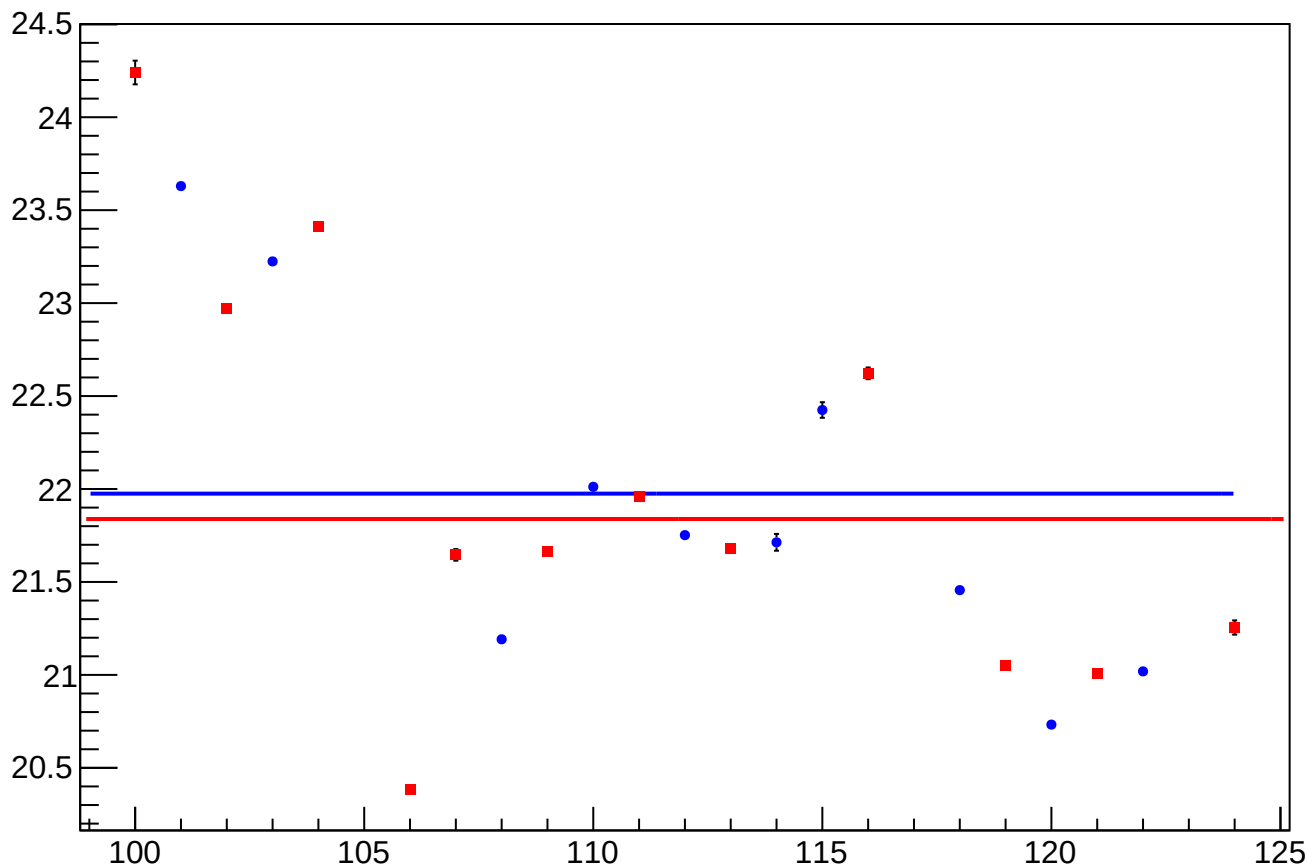
Right: -12.344+/-7.382 χ^2/NDF : 22.4/21

In: -6.438+/-10.868 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.344+/-7.382 χ^2/NDF : 22.4/21

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.975+/-0.008 χ^2/NDF : 16142.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.839+/-0.007 χ^2/NDF : 16672.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

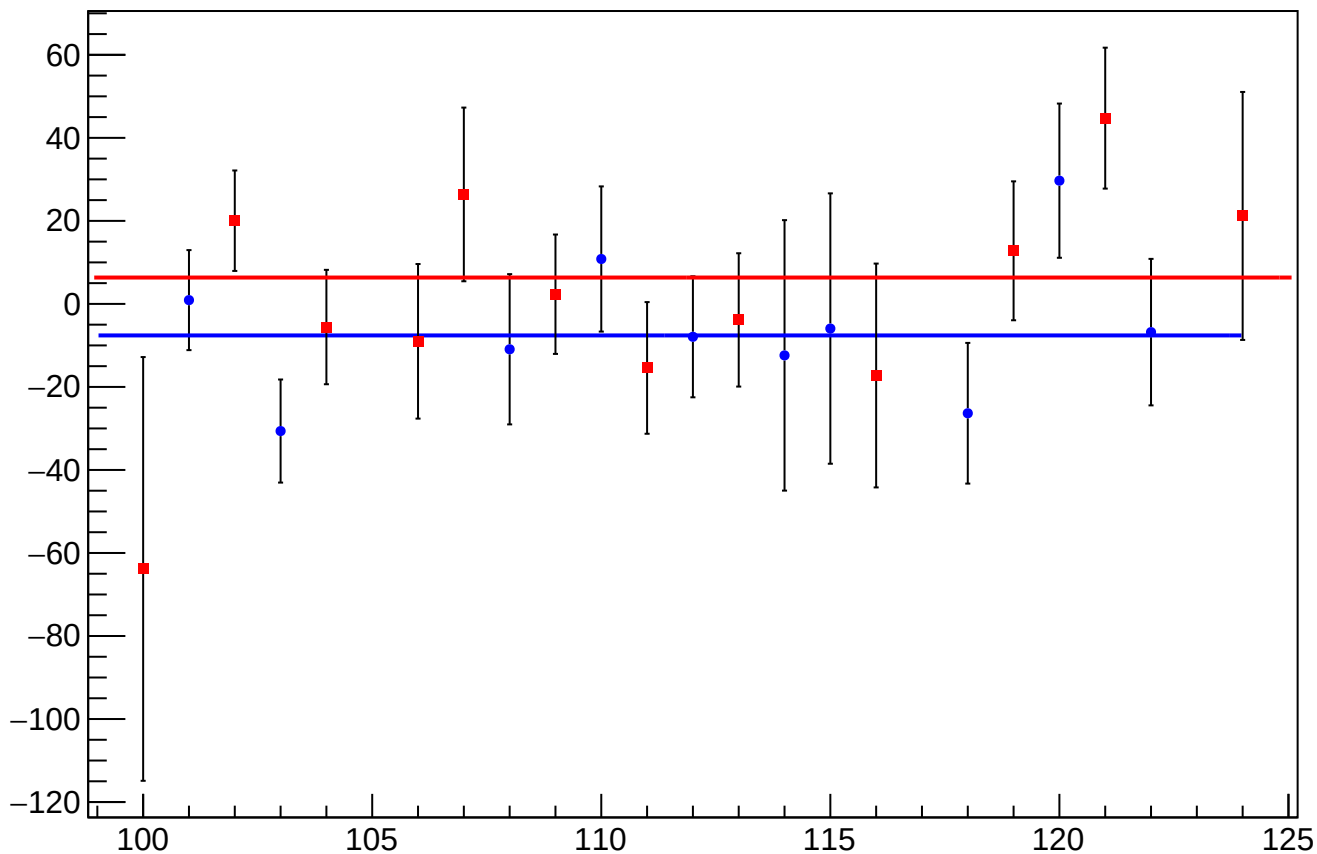
Right: 21.902+/-0.005 χ^2/NDF : 32984.5/21

In: 21.975+/-0.008 χ^2/NDF :16142.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.902+/-0.005 χ^2/NDF : 32984.5/21

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.593+/-5.279 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.352+/-5.008 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

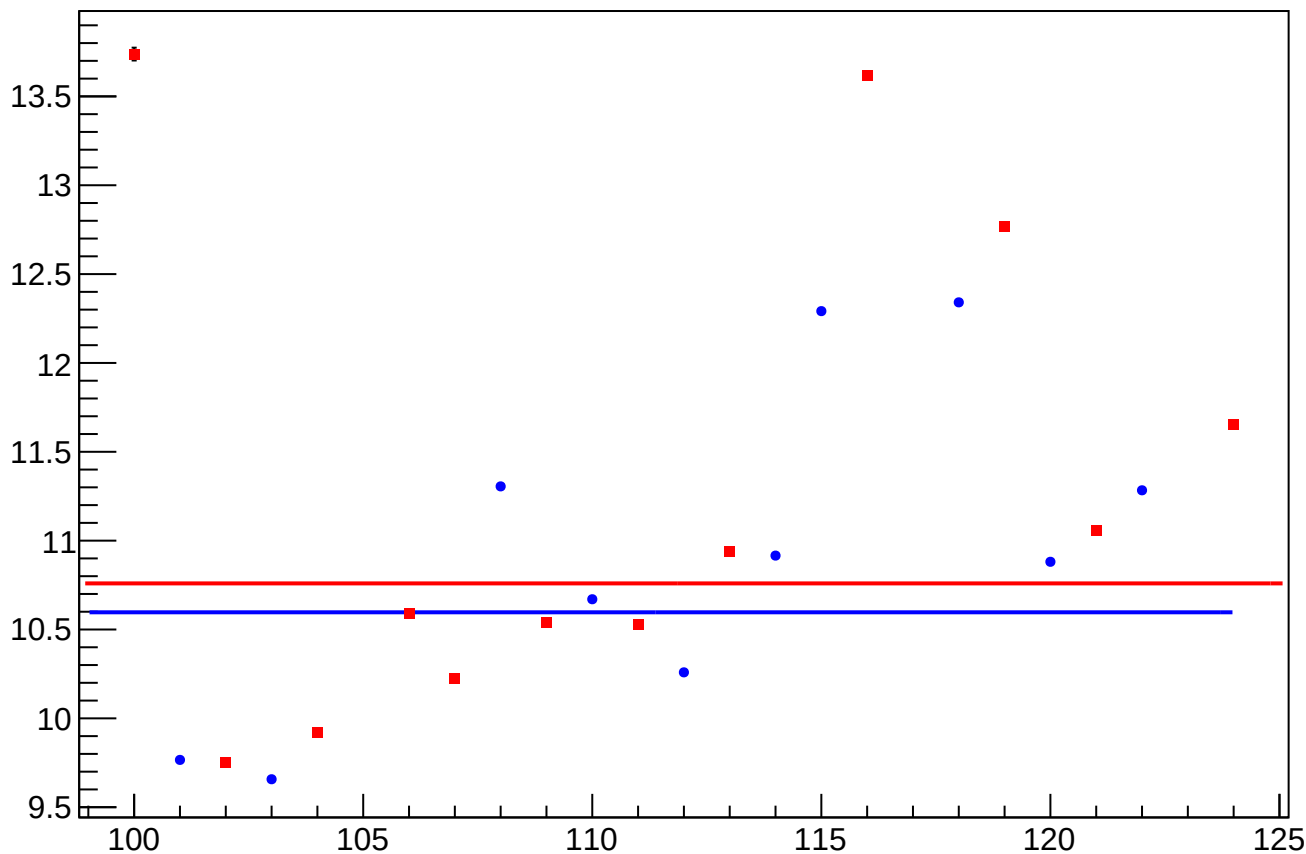
Right: -0.253+/-3.633 χ^2/NDF : 28.2/21

In: -7.593+/-5.279 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.253+/-3.633 χ^2/NDF : 28.2/21

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.597 $\pm$ 0.004 χ^2 /NDF: 55423.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.759 $\pm$ 0.004 χ^2 /NDF: 84410.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

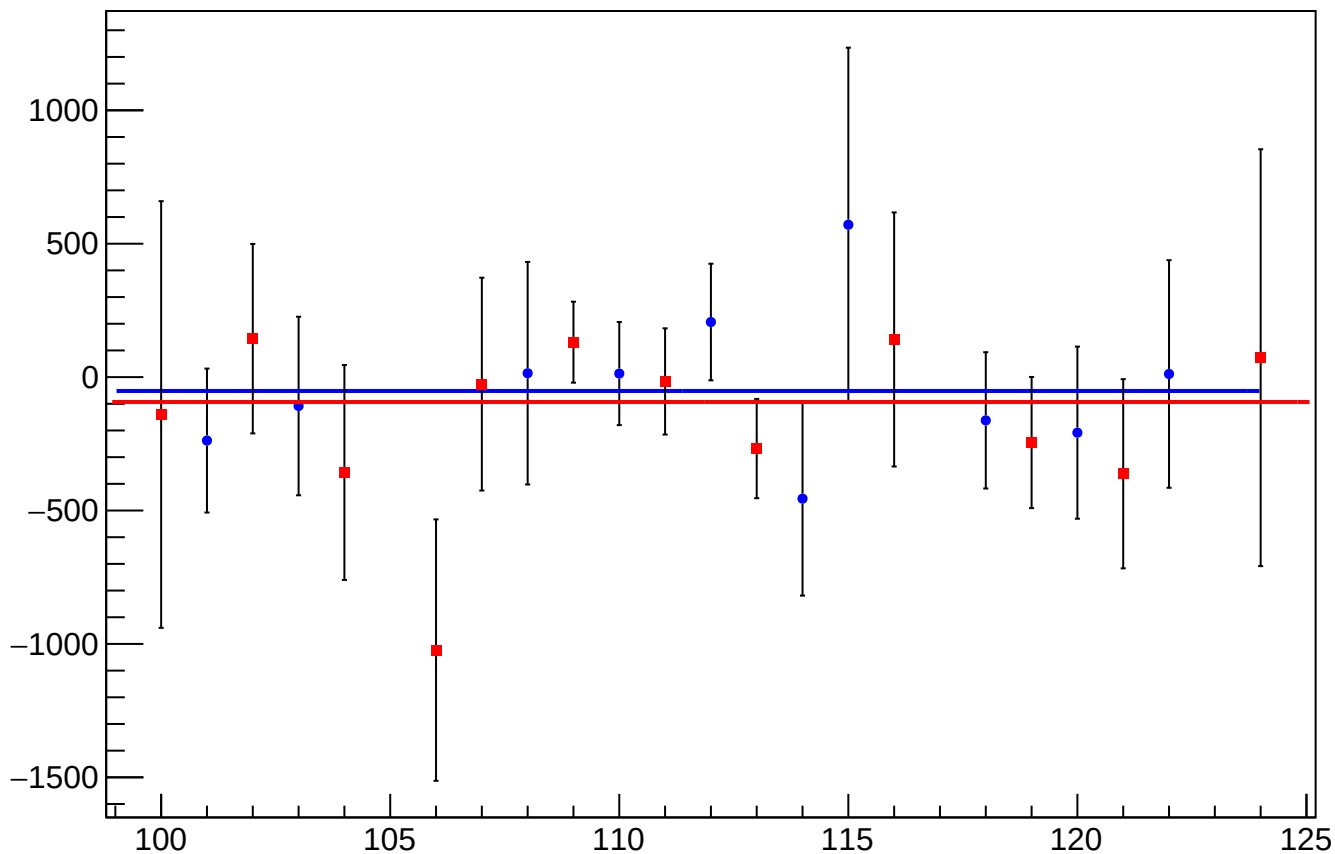
Right: 10.682 $\pm$ 0.003 χ^2 /NDF: 140833.0/21

In: 10.597 $\pm$ 0.004 χ^2 /NDF:55423.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10.682 $\pm$ 0.003 χ^2 /NDF: 140833.0/21

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -51.944 ± 92.677 χ^2/NDF : 4.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -93.156 ± 80.516 χ^2/NDF : 9.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

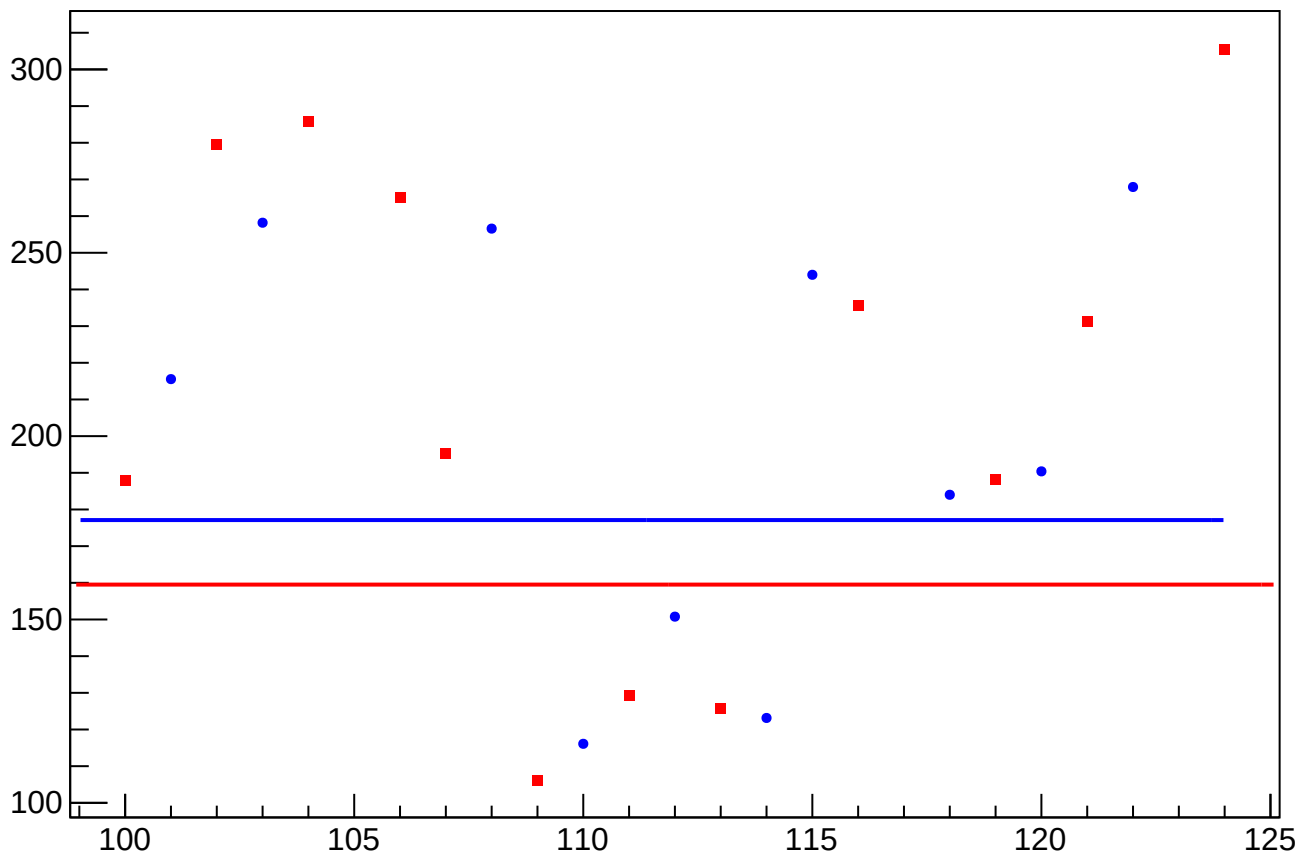
Right: -75.430 ± 60.781 χ^2/NDF : 13.7/21

In: -51.944 ± 92.677 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.430 ± 60.781 χ^2/NDF : 13.7/21

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.113+/-0.066 χ^2/NDF : 619079.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.516+/-0.057 χ^2/NDF : 1126883.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

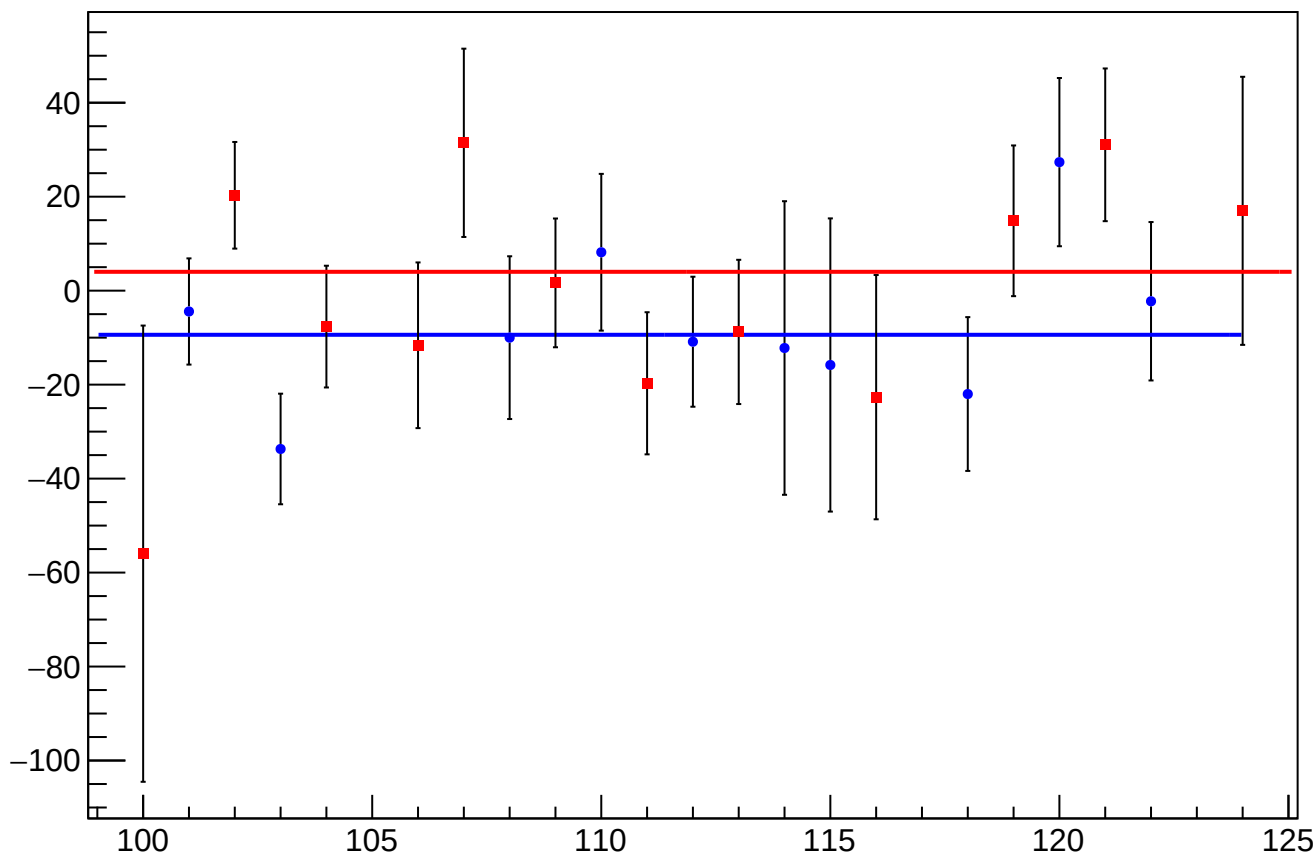
Right: 167.085+/-0.043 χ^2/NDF : 1787052.9/21

In: 177.113+/-0.066 χ^2/NDF : 619079.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.085+/-0.043 χ^2/NDF : 1787052.9/21

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.392+/-5.024 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.012+/-4.758 χ^2/NDF : 14.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

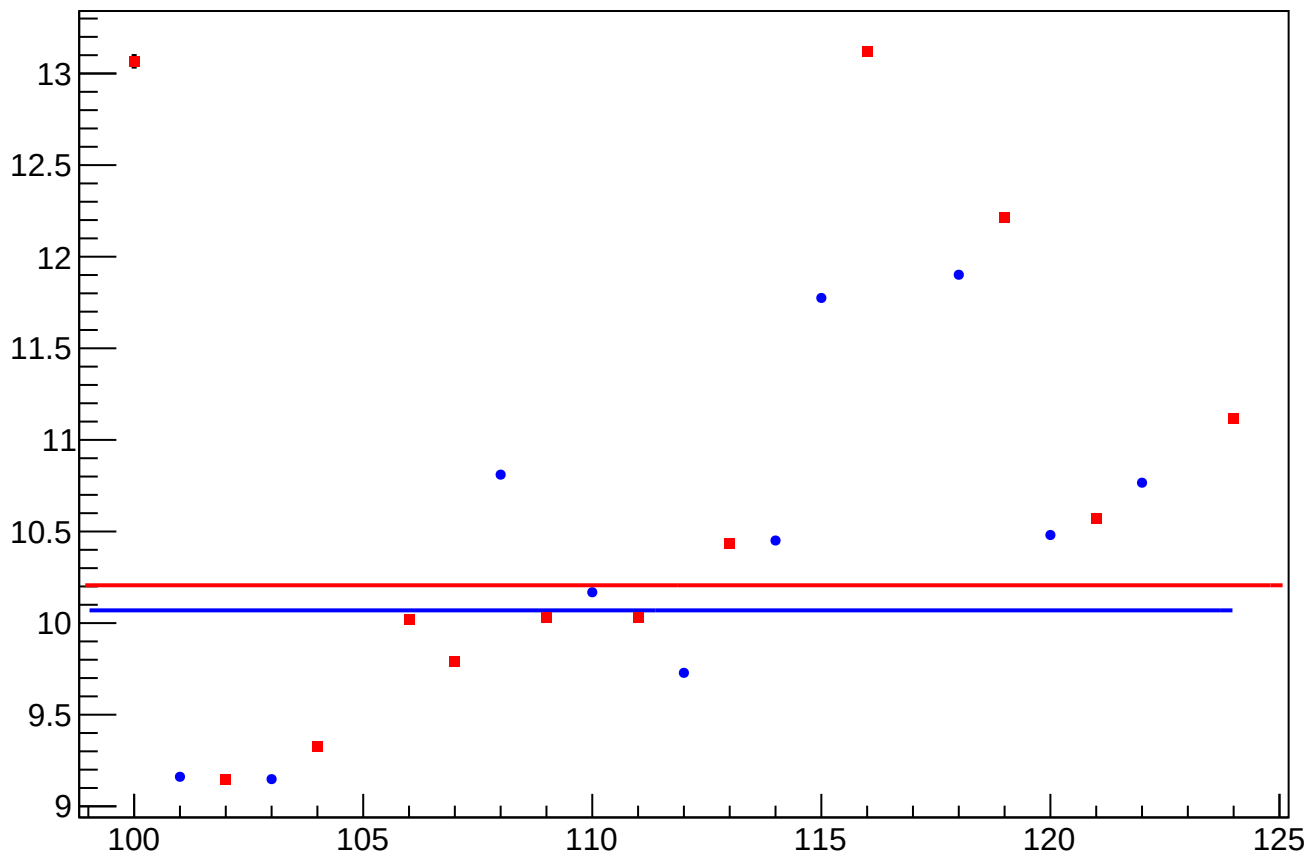
Right: -2.326+/-3.454 χ^2/NDF : 29.1/21

In: -9.392+/-5.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.326+/-3.454 χ^2/NDF : 29.1/21

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.069+/-0.004 χ^2/NDF : 65923.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.206+/-0.003 χ^2/NDF : 95284.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

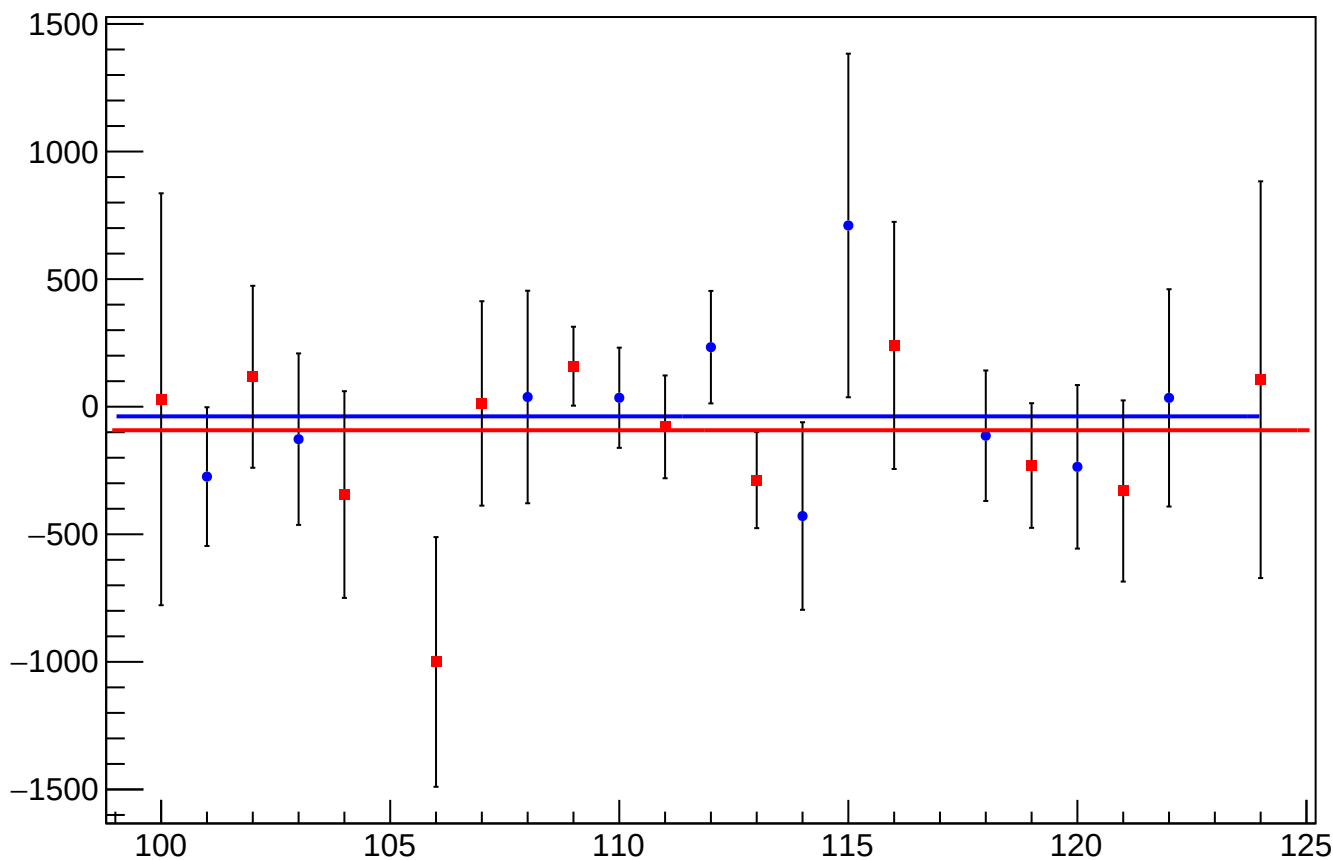
Right: 10.142+/-0.002 χ^2/NDF : 161991.6/21

In: 10.069+/-0.004 χ^2/NDF : 65923.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.142+/-0.002 χ^2/NDF : 161991.6/21

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -37.858+/-93.320 χ^2/NDF : 5.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.260+/-81.330 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

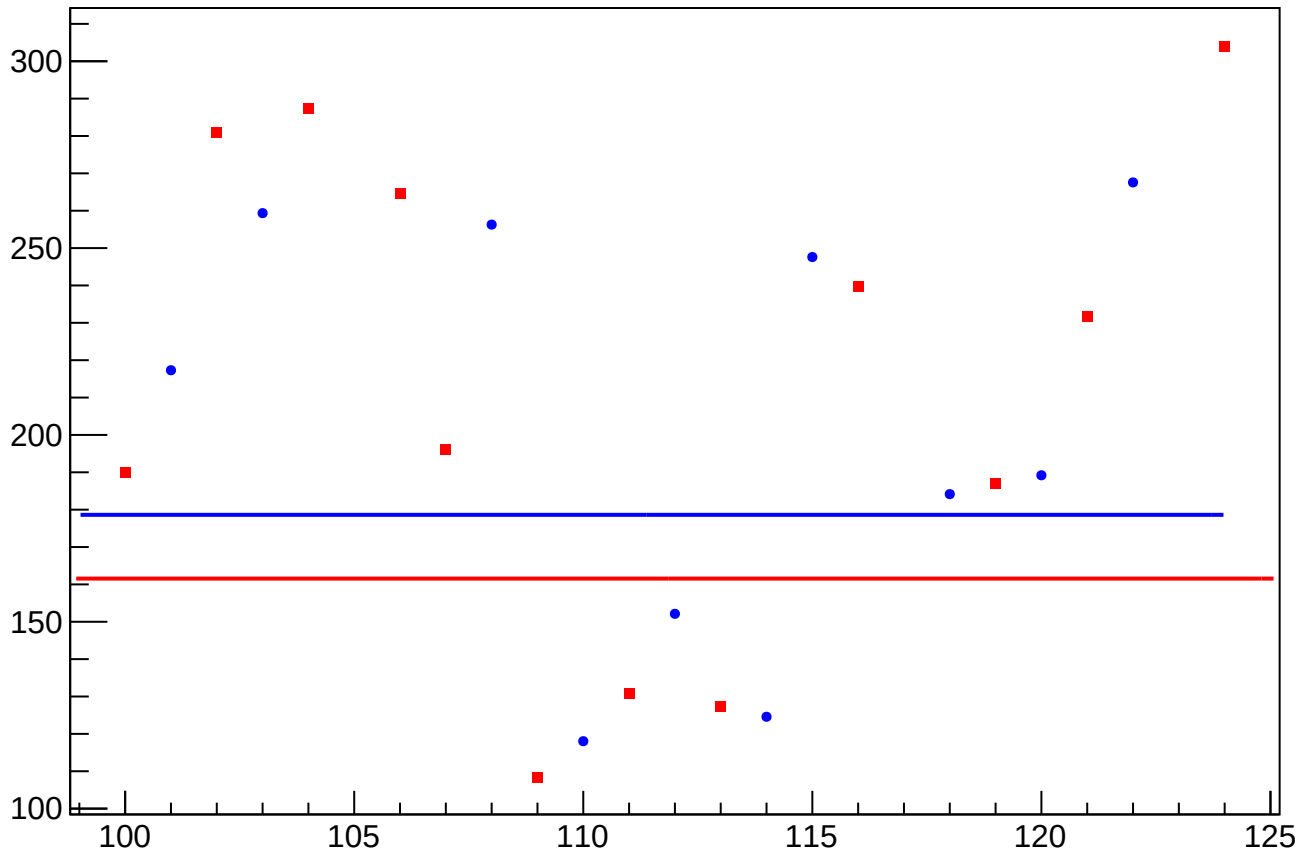
Right: -68.776+/-61.313 χ^2/NDF : 14.9/21

In: -37.858+/-93.320 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.776+/-61.313 χ^2/NDF : 14.9/21

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.620+/-0.066 χ^2/NDF : 599372.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.557+/-0.058 χ^2/NDF : 1091802.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

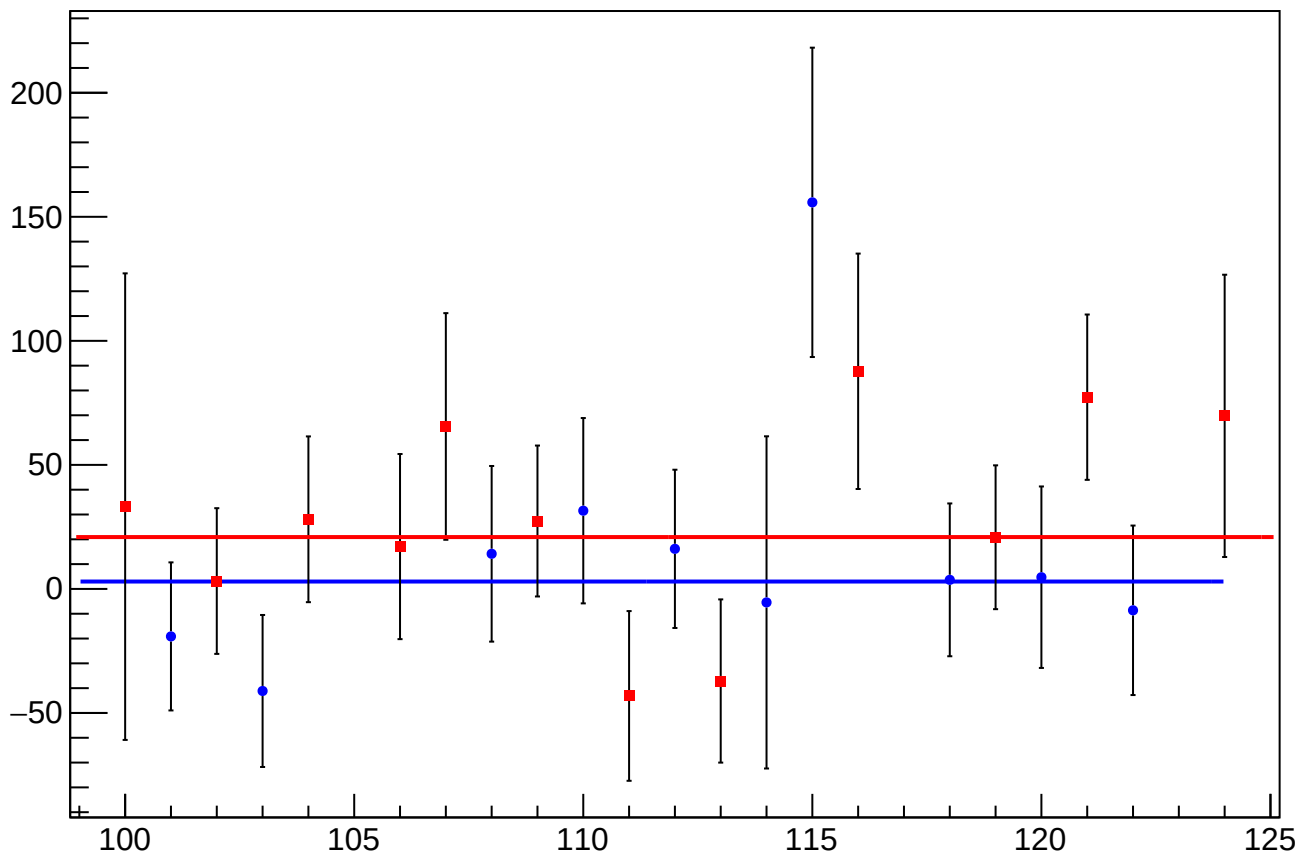
Right: 168.923+/-0.043 χ^2/NDF : 1729174.5/21

In: 178.620+/-0.066 χ^2/NDF : 599372.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.923+/-0.043 χ^2/NDF : 1729174.5/21

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.981+/-11.305 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.904+/-10.500 χ^2/NDF : 13.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

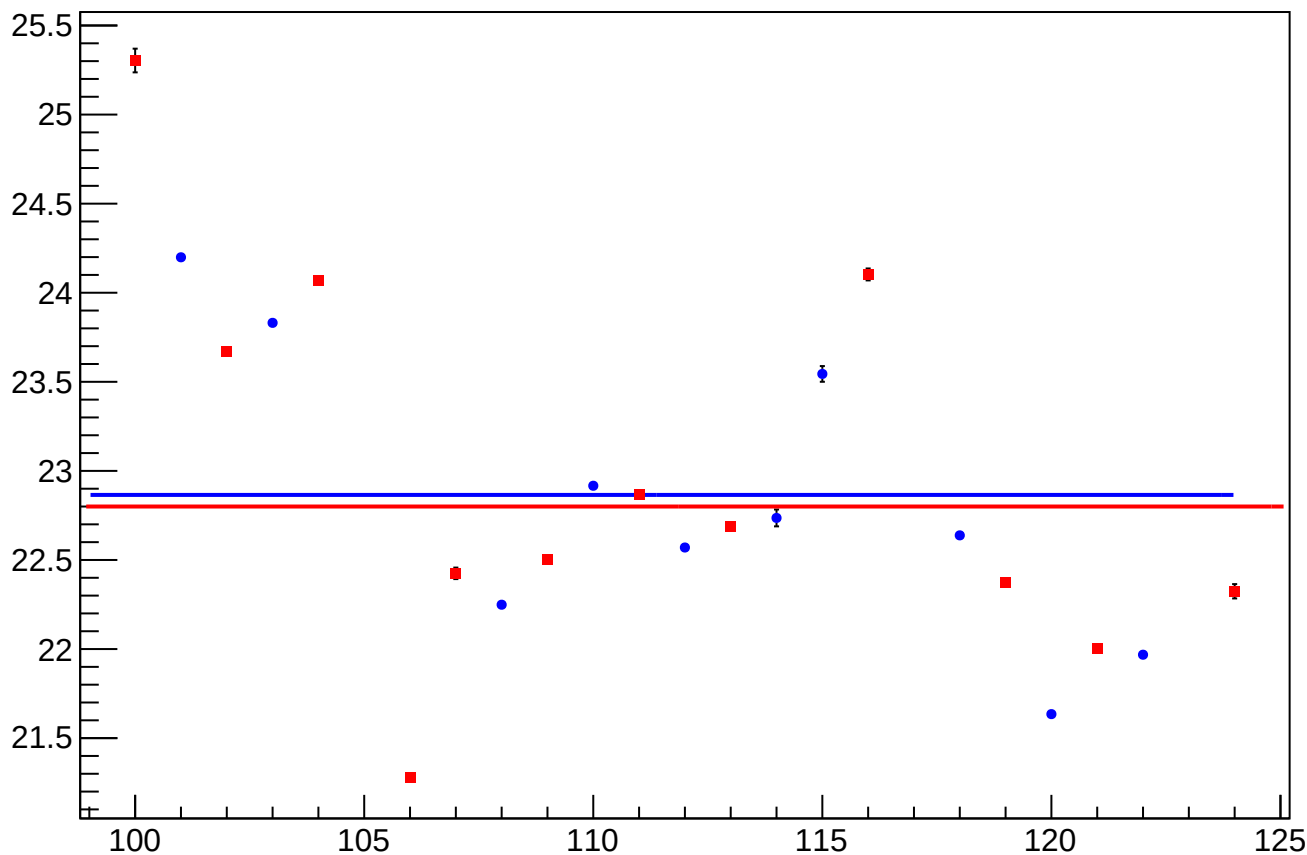
Right: 12.603+/-7.694 χ^2/NDF : 24.6/21

In: 2.981+/-11.305 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.603+/-7.694 χ^2/NDF : 24.6/21

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.865+/-0.008 χ^2/NDF : 10759.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.800+/-0.007 χ^2/NDF : 12943.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

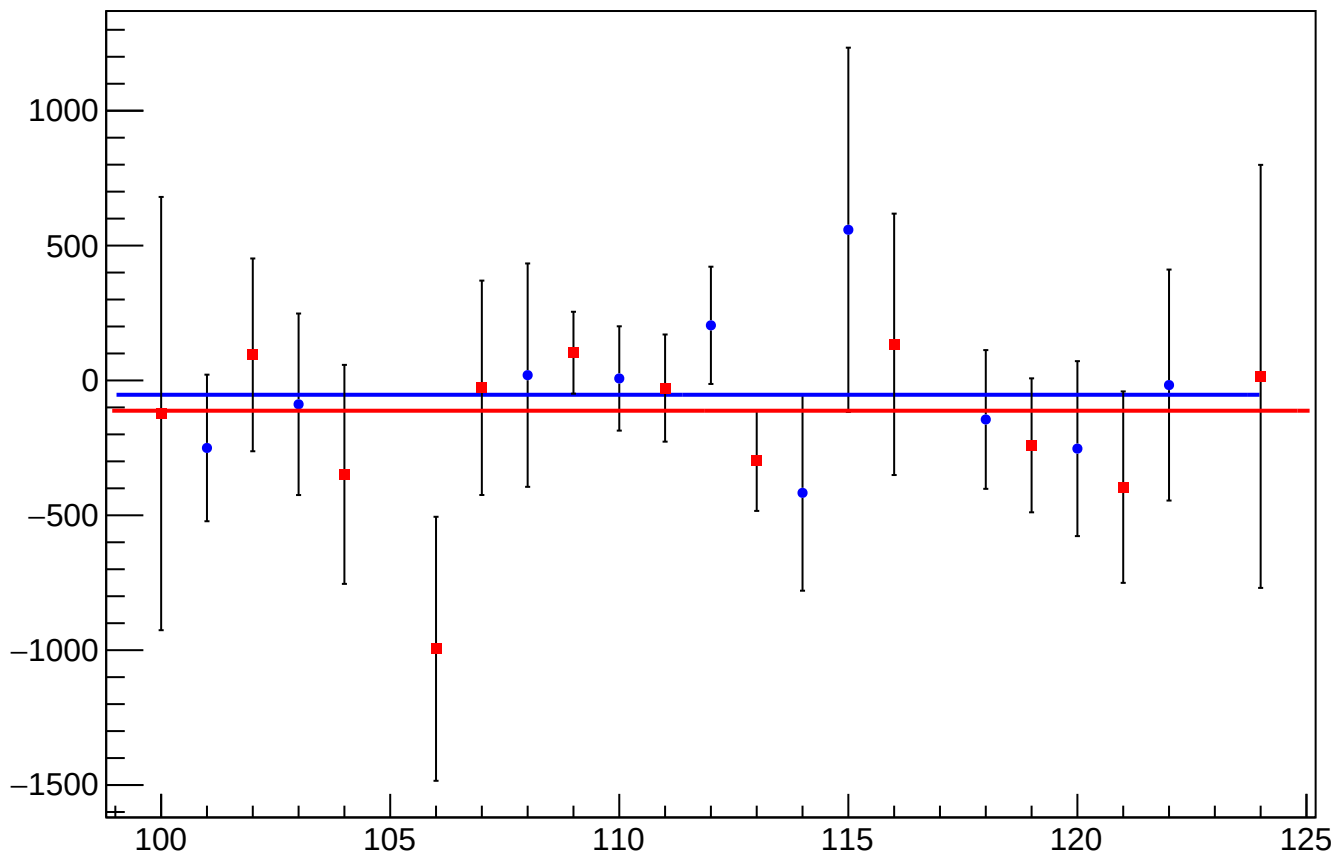
Right: 22.830+/-0.005 χ^2/NDF : 23738.5/21

In: 22.865+/-0.008 χ^2/NDF :10759.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.830+/-0.005 χ^2/NDF : 23738.5/21

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -53.116 ± 92.853 χ^2/NDF : 4.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -112.267 ± 80.635 χ^2/NDF : 8.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

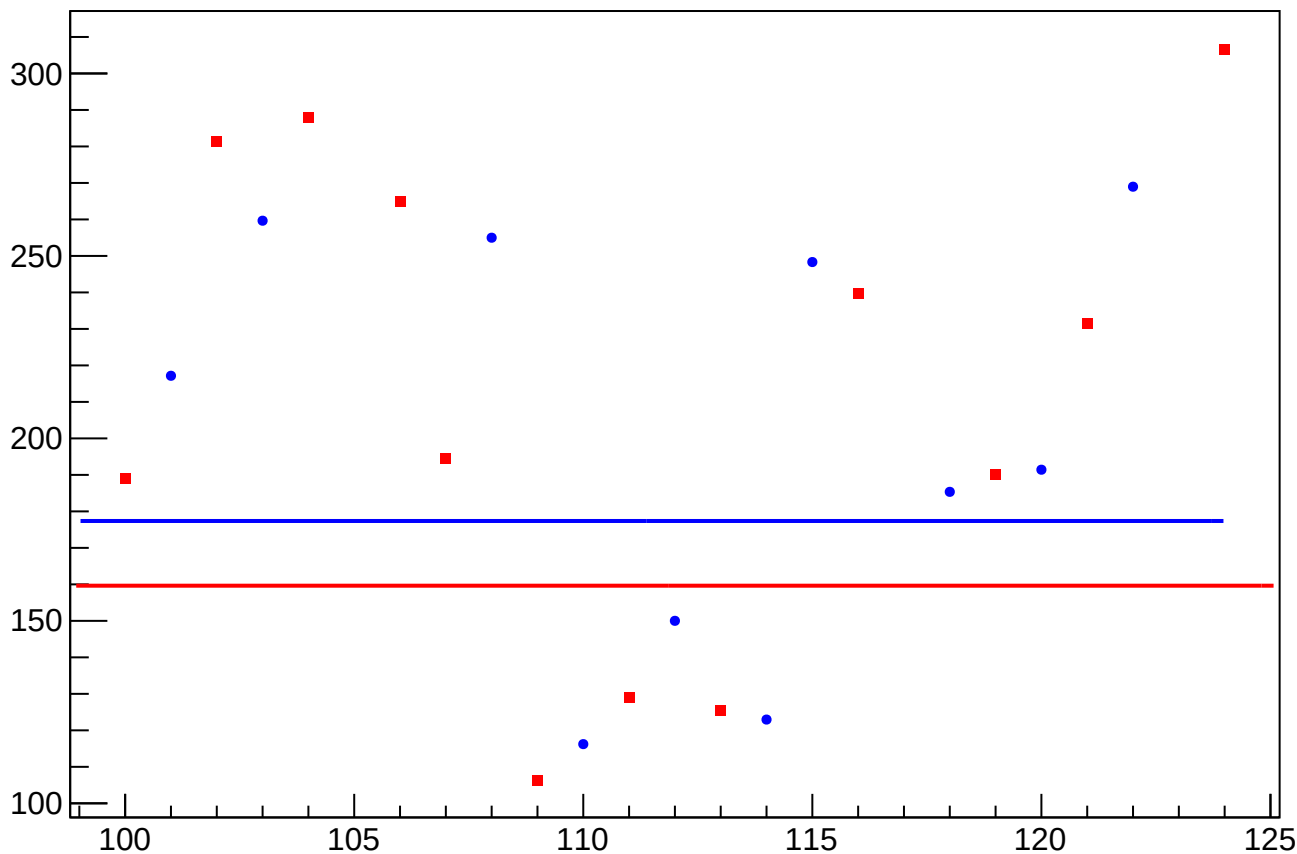
Right: -86.837 ± 60.882 χ^2/NDF : 13.0/21

In: -53.116 ± 92.853 χ^2/NDF : 4.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -86.837 ± 60.882 χ^2/NDF : 13.0/21

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 177.370+/-0.066 χ^2/NDF : 628726.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.637+/-0.057 χ^2/NDF : 1143464.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

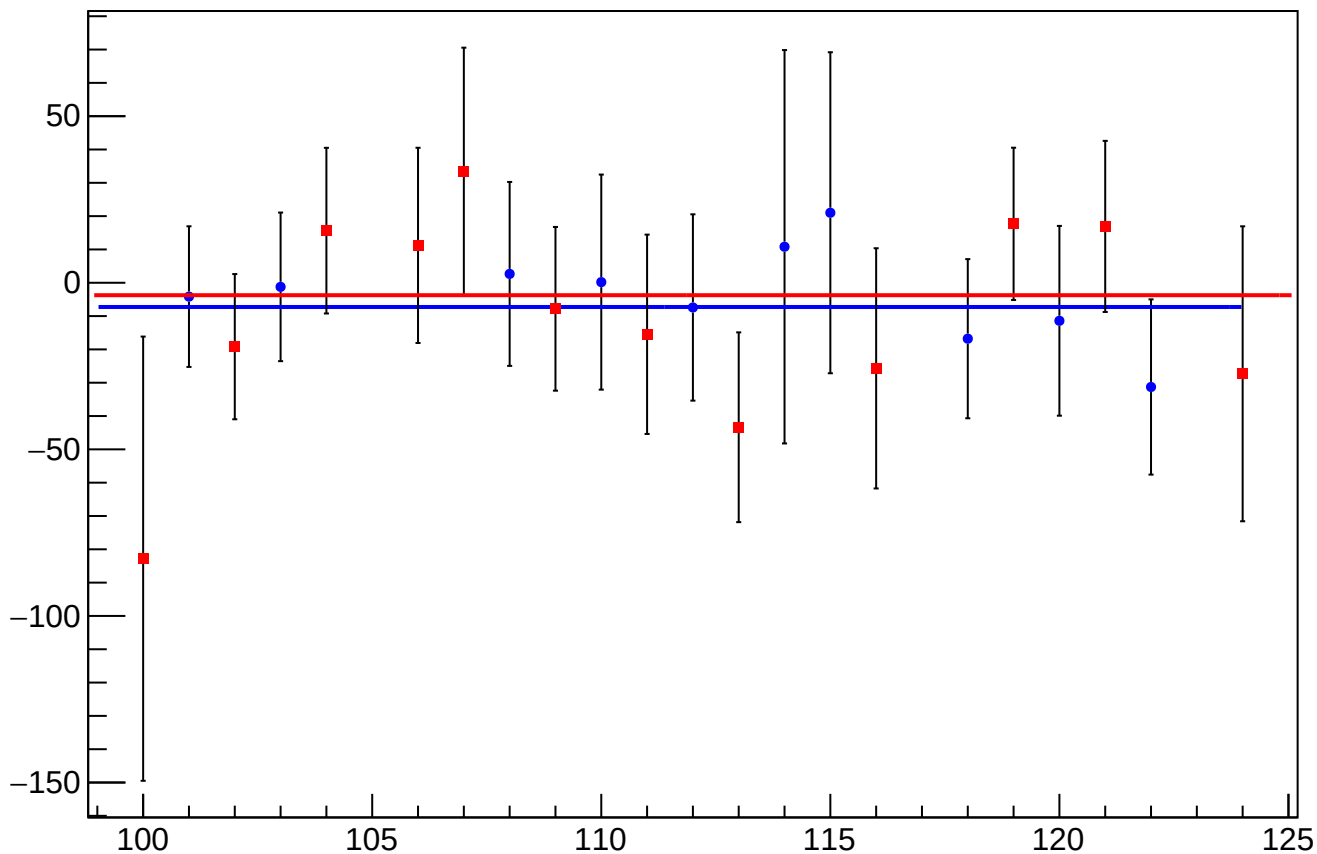
Right: 167.261+/-0.043 χ^2/NDF : 1813777.2/21

In: 177.370+/-0.066 χ^2/NDF : 628726.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.261+/-0.043 χ^2/NDF : 1813777.2/21

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.269+/-8.786 χ^2/NDF : 1.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.734+/-8.289 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

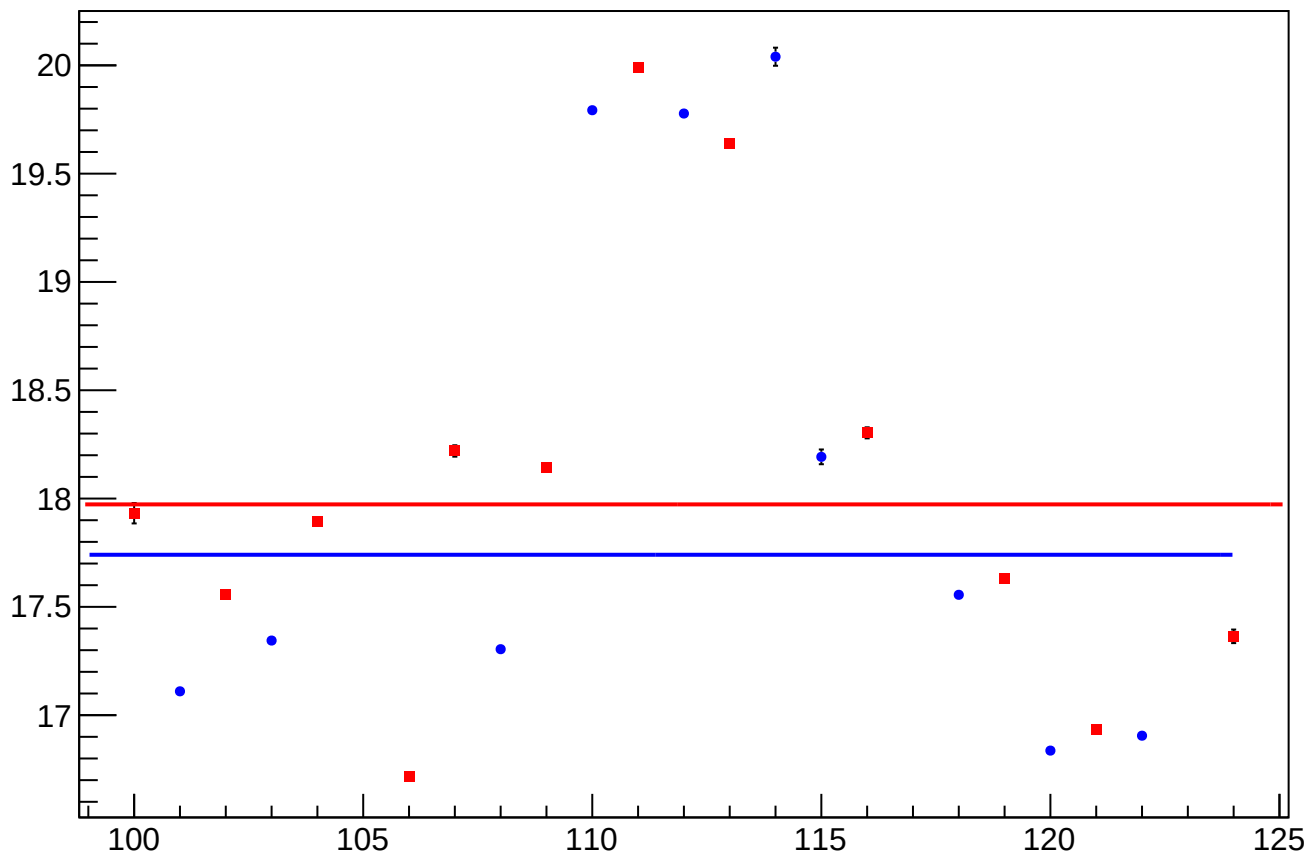
Right: -5.398+/-6.029 χ^2/NDF : 9.9/21

In: -7.269+/-8.786 χ^2/NDF : 1.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.398+/-6.029 χ^2/NDF : 9.9/21

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.740+/-0.006 χ^2/NDF : 28975.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.973+/-0.006 χ^2/NDF : 24806.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

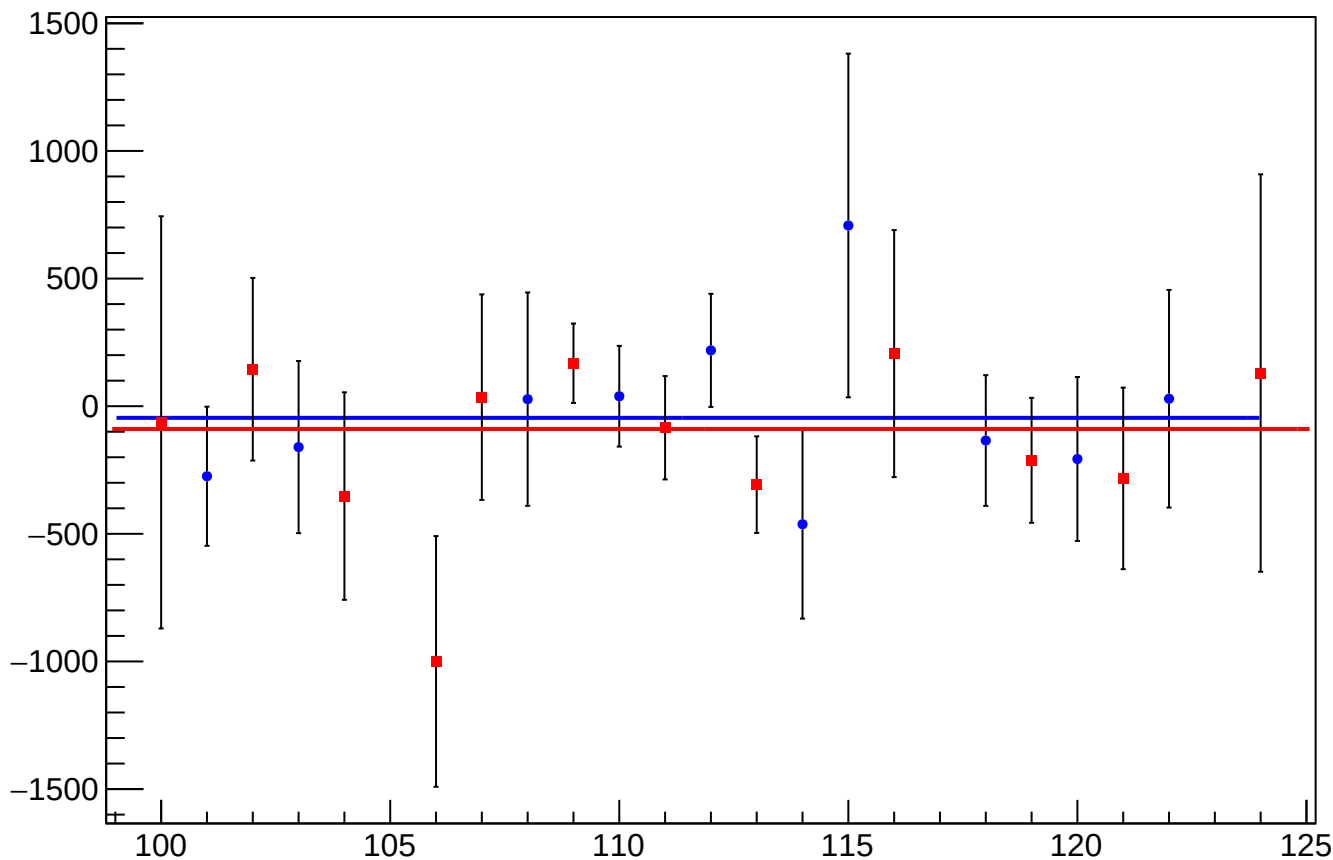
Right: 17.864+/-0.004 χ^2/NDF : 54523.2/21

In: 17.740+/-0.006 χ^2/NDF : 28975.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.864+/-0.004 χ^2/NDF : 54523.2/21

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -45.669 ± 93.655 χ^2/NDF : 5.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -89.377 ± 81.669 χ^2/NDF : 9.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

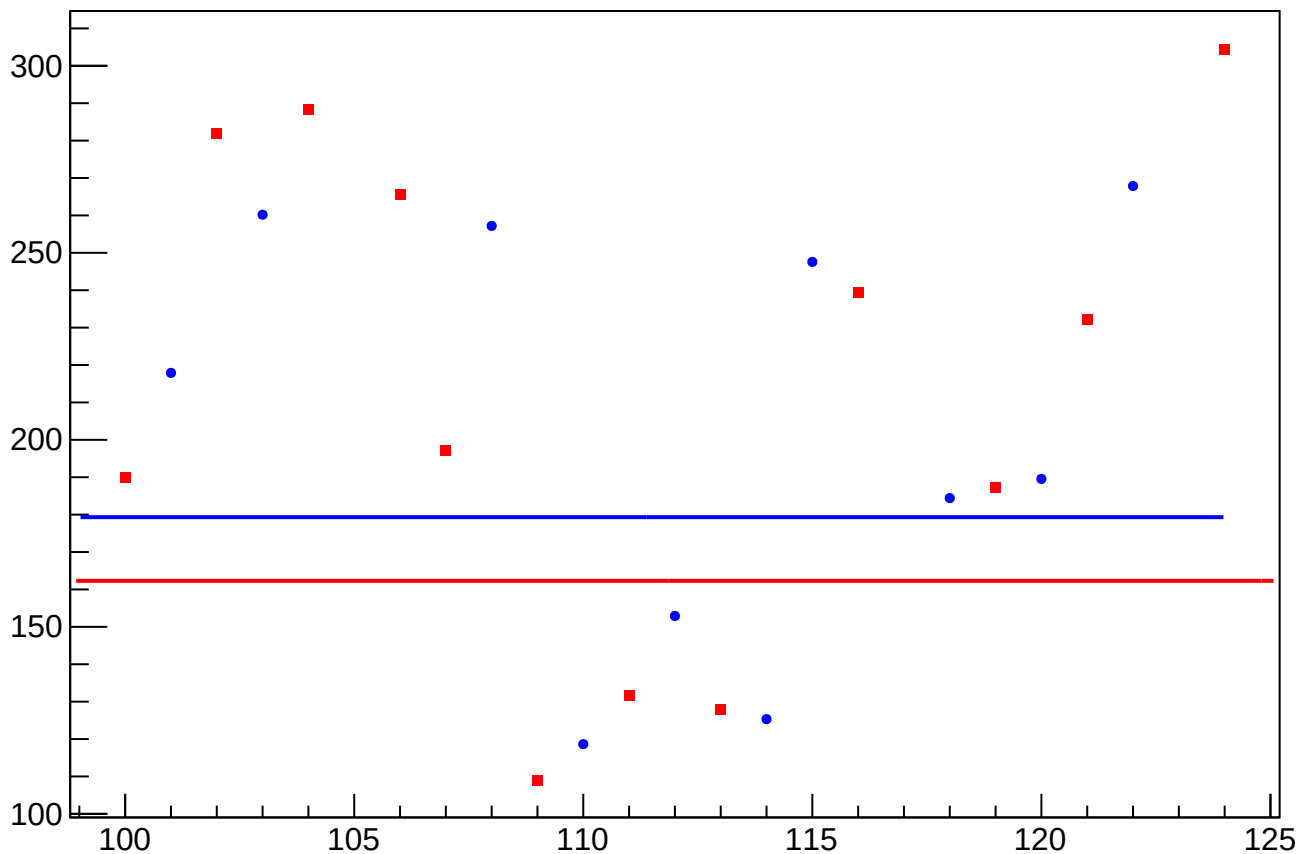
Right: -70.497 ± 61.553 χ^2/NDF : 15.0/21

In: -45.669 ± 93.655 χ^2/NDF : 5.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -70.497 ± 61.553 χ^2/NDF : 15.0/21

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 179.322+/-0.066 χ^2/NDF : 594340.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.304+/-0.058 χ^2/NDF : 1084775.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

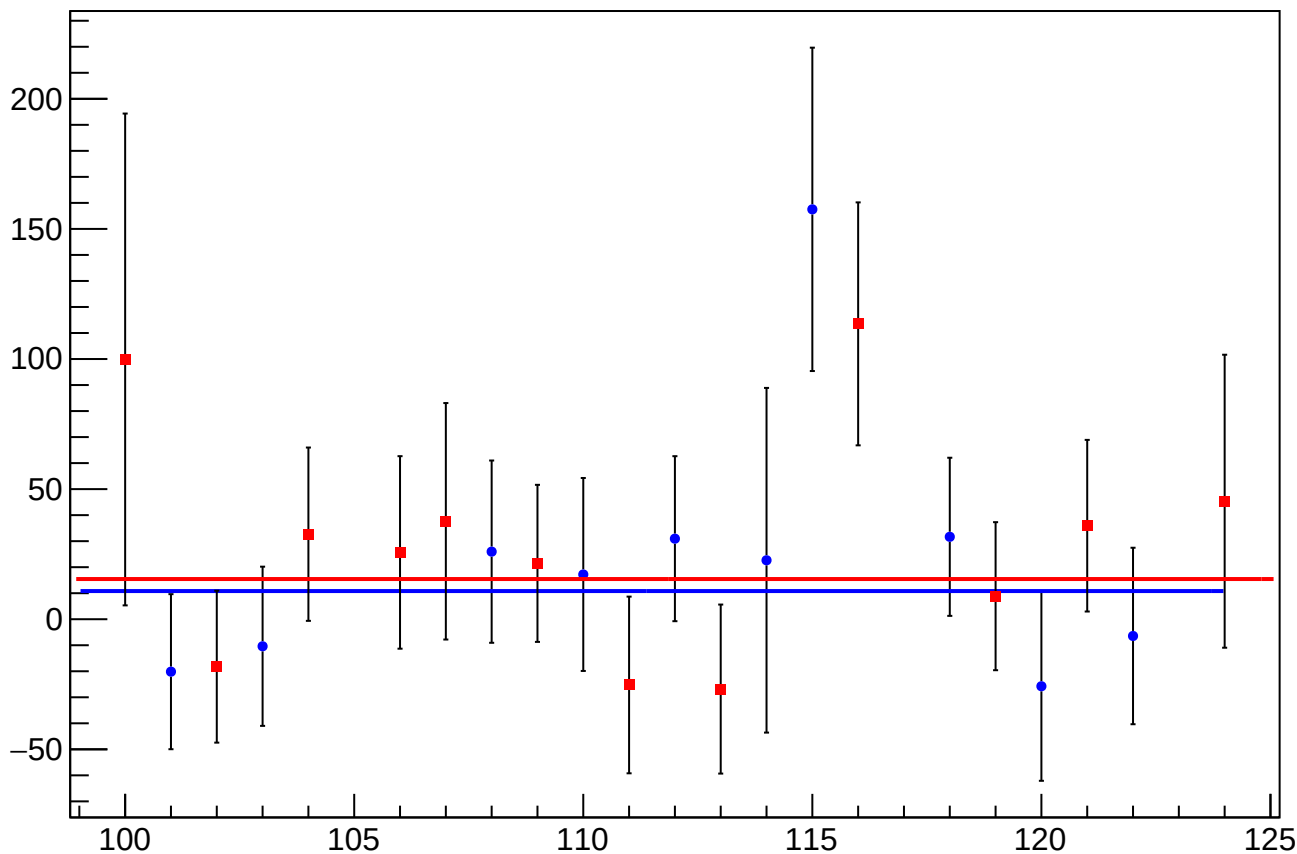
Right: 169.655+/-0.044 χ^2/NDF : 1716630.7/21

In: 179.322+/-0.066 χ^2/NDF : 594340.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.655+/-0.044 χ^2/NDF : 1716630.7/21

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 10.823+/-11.230 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.446+/-10.401 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

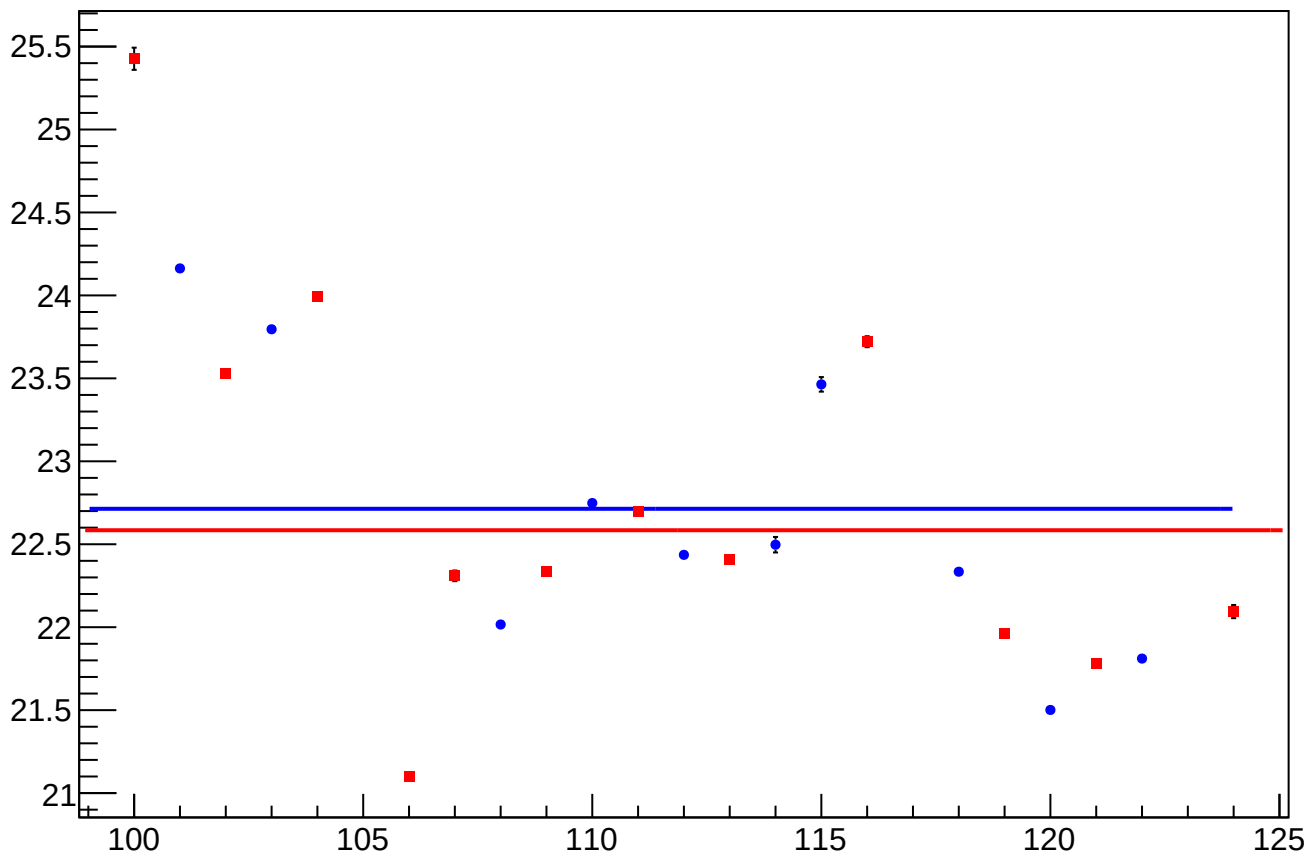
Right: 13.312+/-7.631 χ^2/NDF : 20.6/21

In: 10.823+/-11.230 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.312+/-7.631 χ^2/NDF : 20.6/21

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.714+/-0.008 χ^2/NDF : 12449.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.584+/-0.007 χ^2/NDF : 14464.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

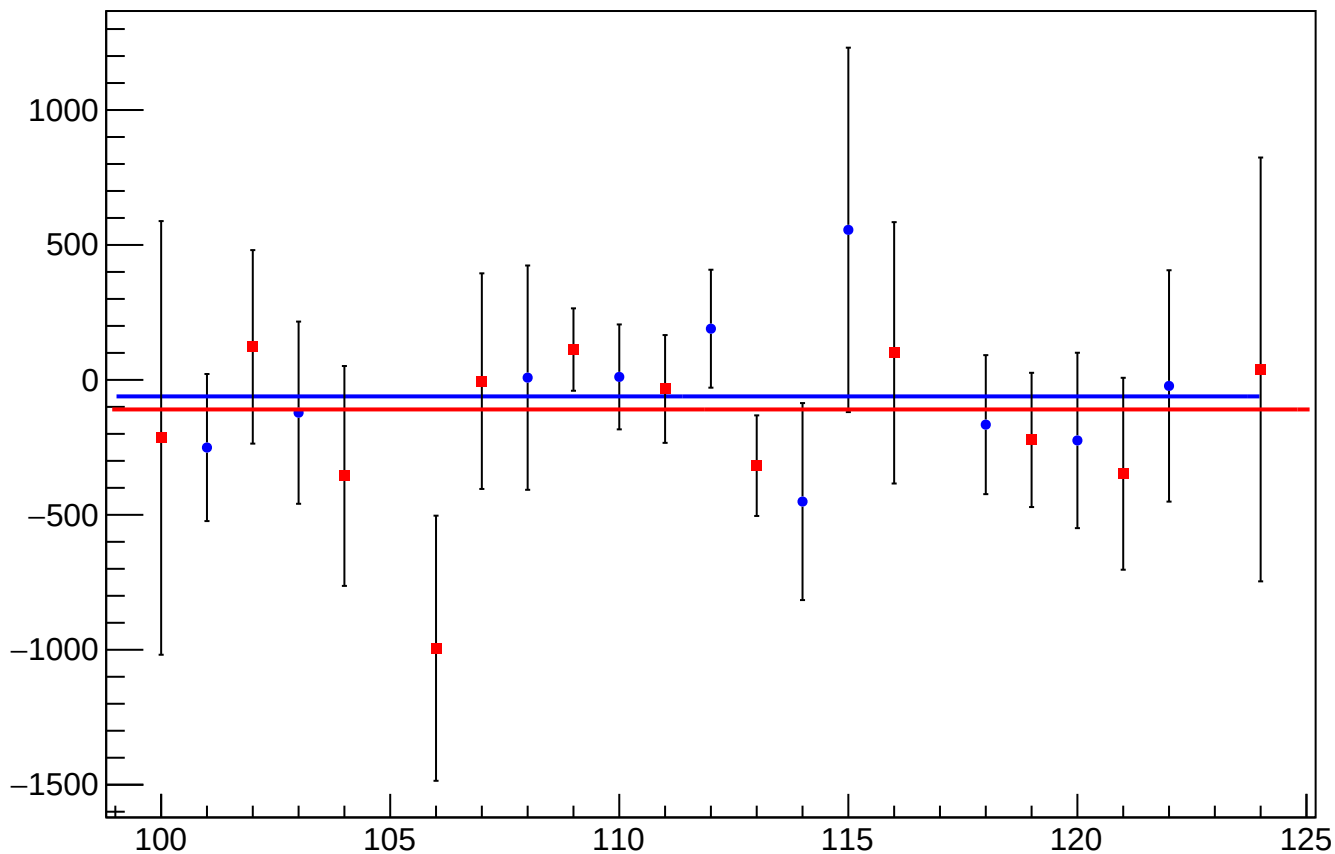
Right: 22.644+/-0.005 χ^2/NDF : 27056.7/21

In: 22.714+/-0.008 χ^2/NDF : 12449.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.644+/-0.005 χ^2/NDF : 27056.7/21

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -61.144 ± 93.192 χ^2/NDF : 4.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -109.511 ± 80.978 χ^2/NDF : 8.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

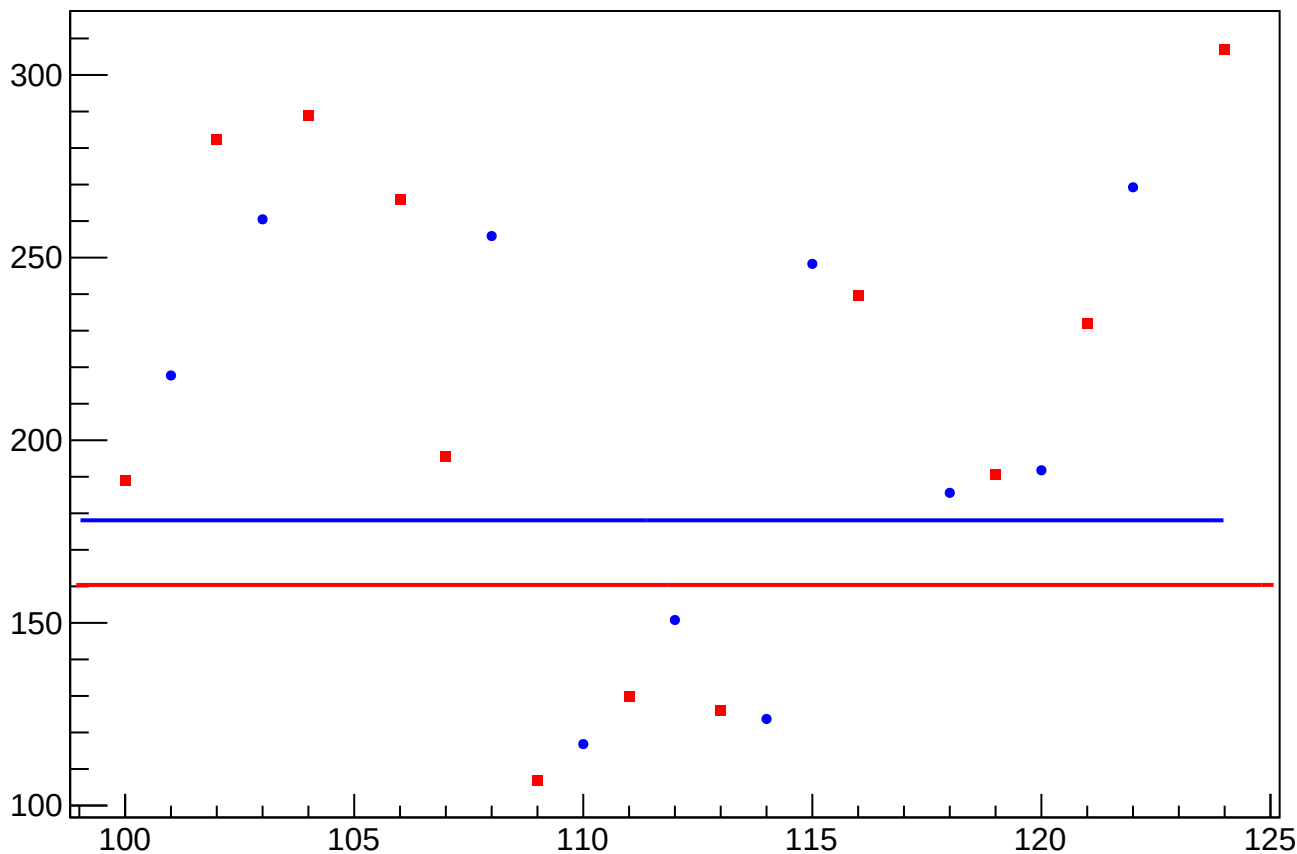
Right: -88.703 ± 61.126 χ^2/NDF : 13.1/21

In: -61.144 ± 93.192 χ^2/NDF : 4.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -88.703 ± 61.126 χ^2/NDF : 13.1/21

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 178.083+/-0.066 χ^2/NDF : 623295.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.394+/-0.057 χ^2/NDF : 1135966.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

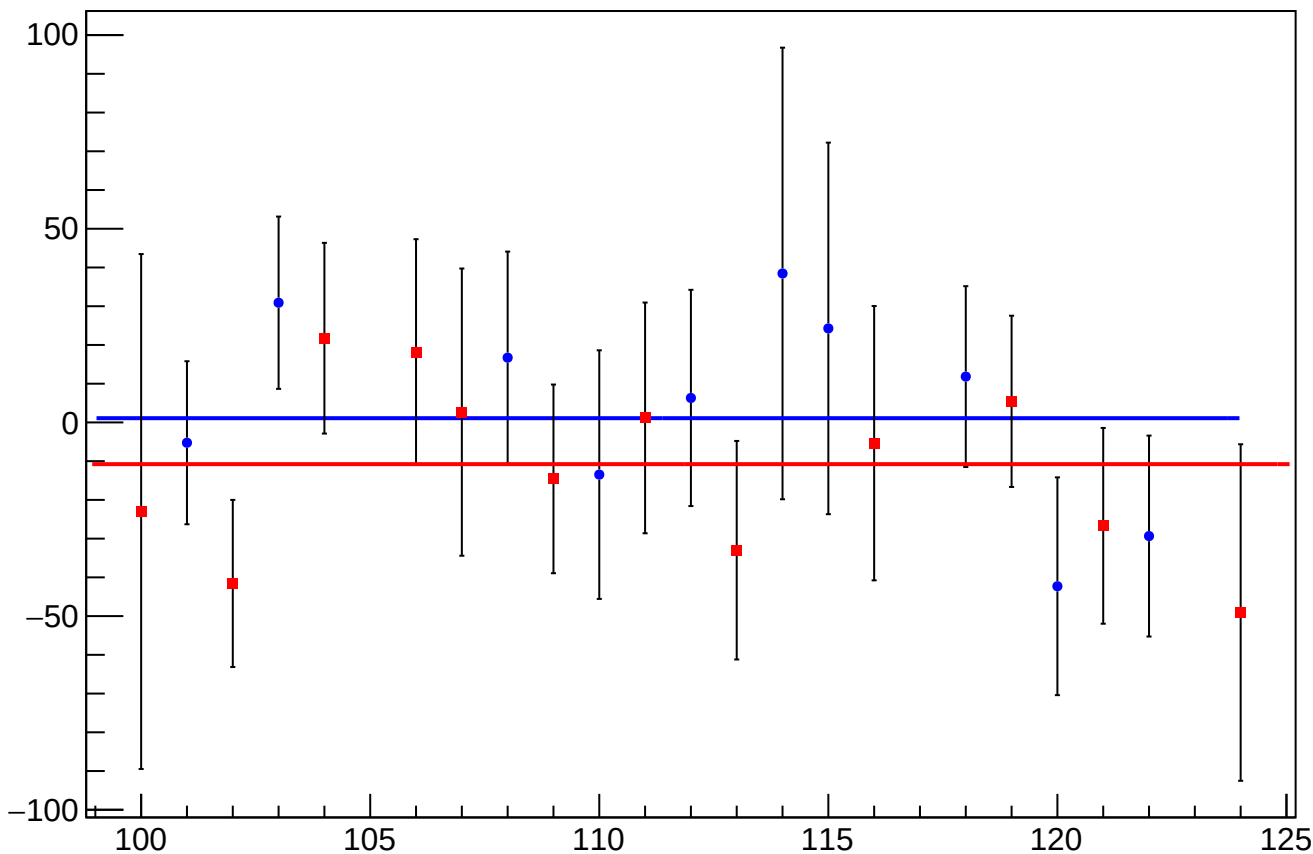
Right: 168.004+/-0.043 χ^2/NDF : 1800323.0/21

In: 178.083+/-0.066 χ^2/NDF : 623295.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.004+/-0.043 χ^2/NDF : 1800323.0/21

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.095+/-8.709 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.774+/-8.181 χ^2/NDF : 7.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

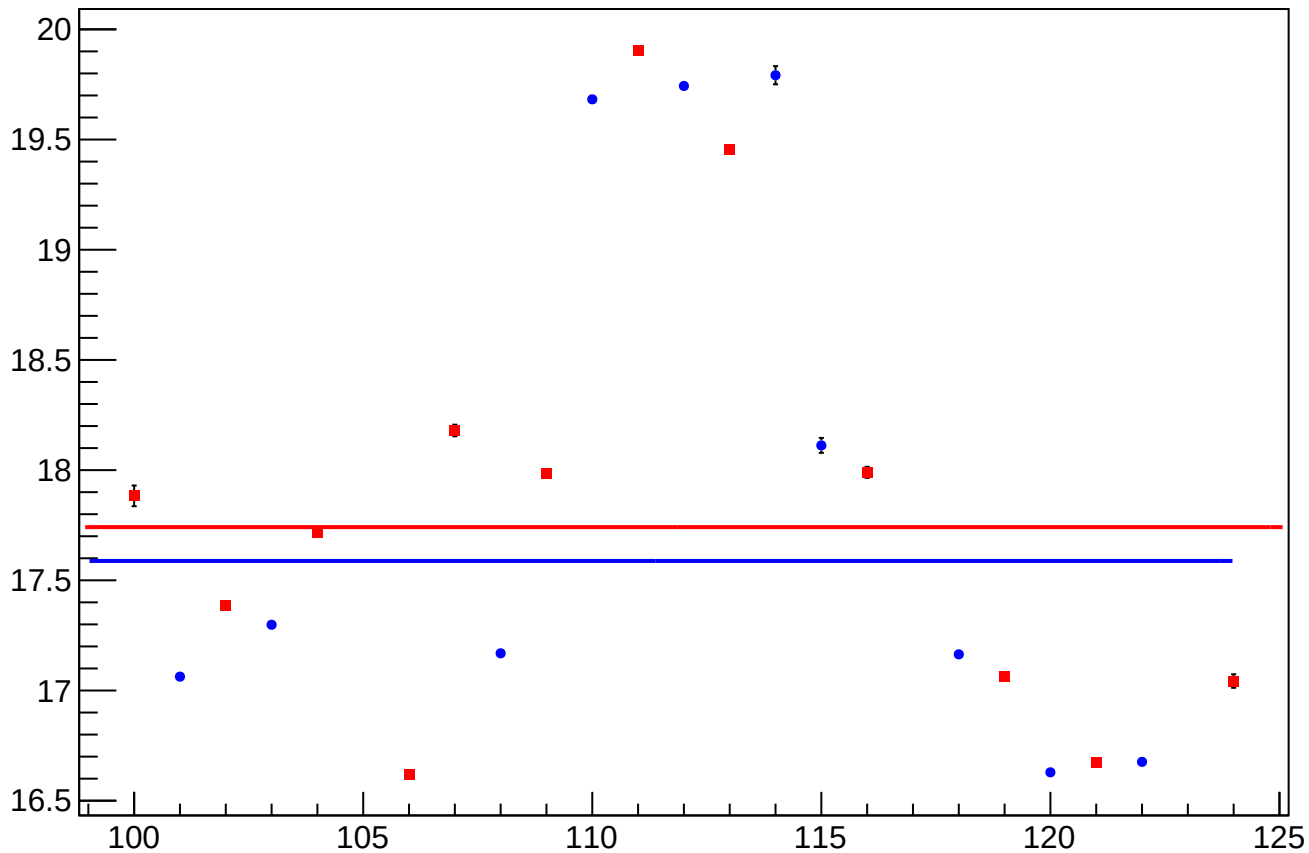
Right: -5.211+/-5.963 χ^2/NDF : 15.5/21

In: 1.095+/-8.709 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.211+/-5.963 χ^2/NDF : 15.5/21

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.588+/-0.006 χ^2/NDF : 31050.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 17.741+/-0.006 χ^2/NDF : 27990.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

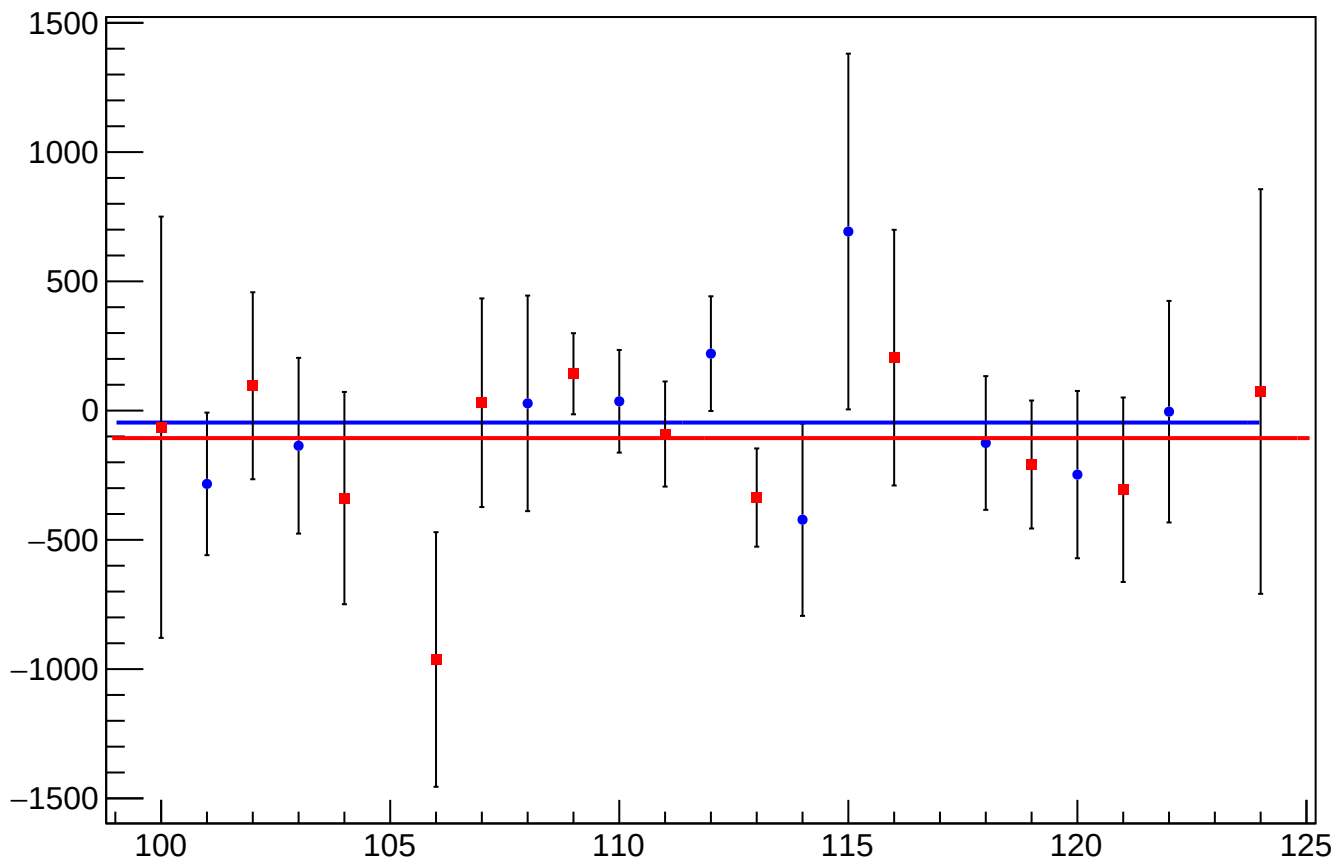
Right: 17.669+/-0.004 χ^2/NDF : 59370.5/21

In: 17.588+/-0.006 χ^2/NDF :31050.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.669+/-0.004 χ^2/NDF : 59370.5/21

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -46.238 ± 94.276 χ^2/NDF : 5.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -106.369 ± 82.268 χ^2/NDF : 8.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

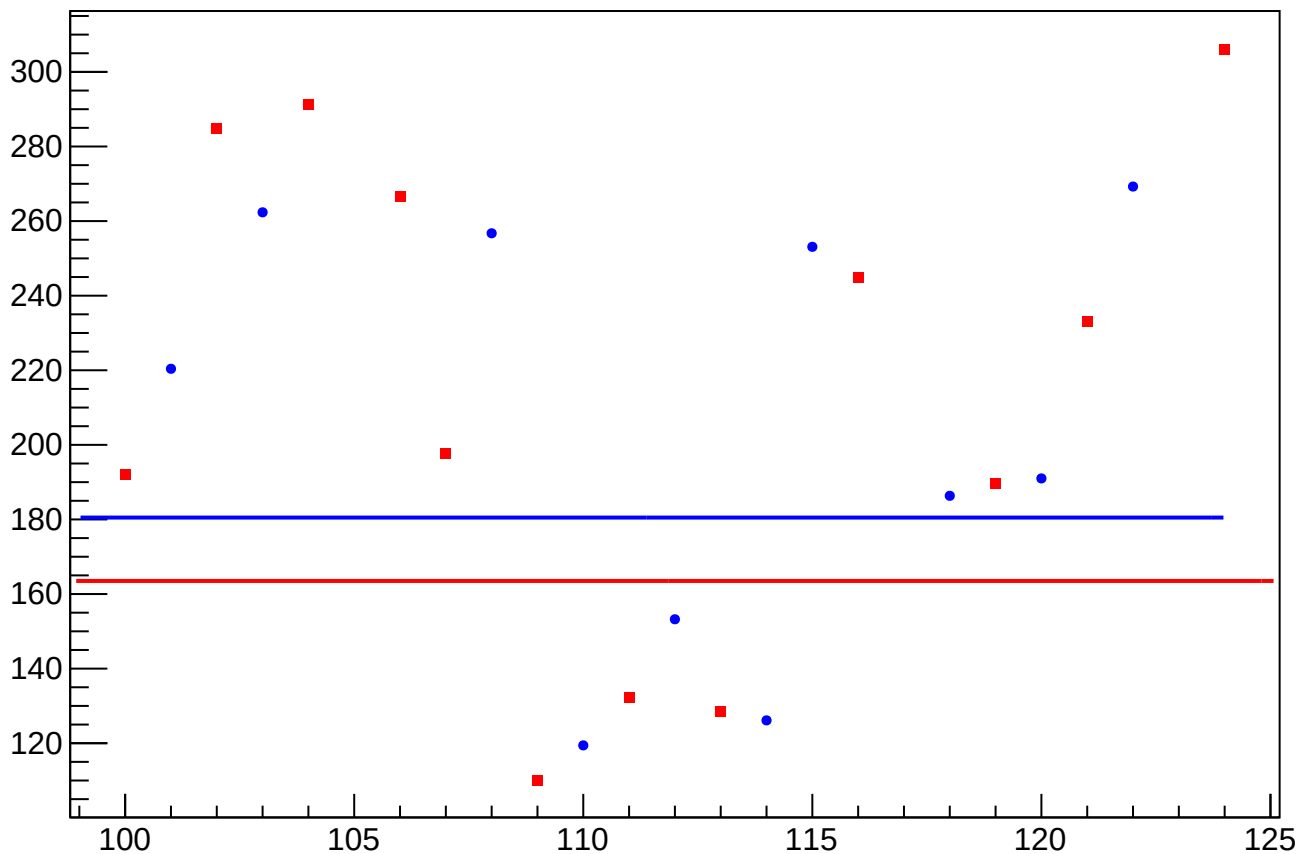
Right: -80.374 ± 61.986 χ^2/NDF : 14.0/21

In: -46.238 ± 94.276 χ^2/NDF : 5.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -80.374 ± 61.986 χ^2/NDF : 14.0/21

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 180.505+/-0.067 χ^2/NDF : 598055.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.508+/-0.058 χ^2/NDF : 1089602.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

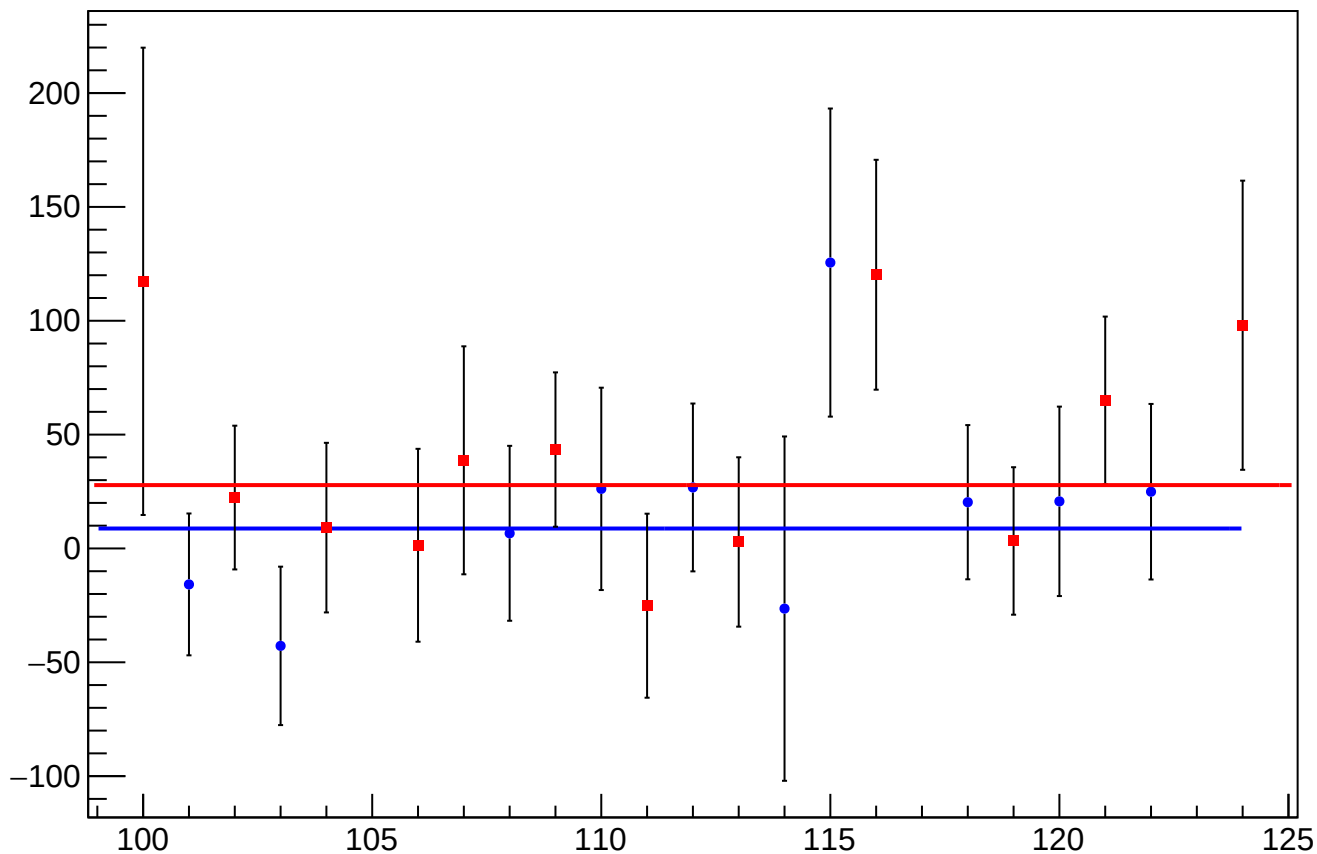
Right: 170.856+/-0.044 χ^2/NDF : 1724563.9/21

In: 180.505+/-0.067 χ^2/NDF : 598055.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.856+/-0.044 χ^2/NDF : 1724563.9/21

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.753+/-12.606 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.822+/-11.693 χ^2/NDF : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

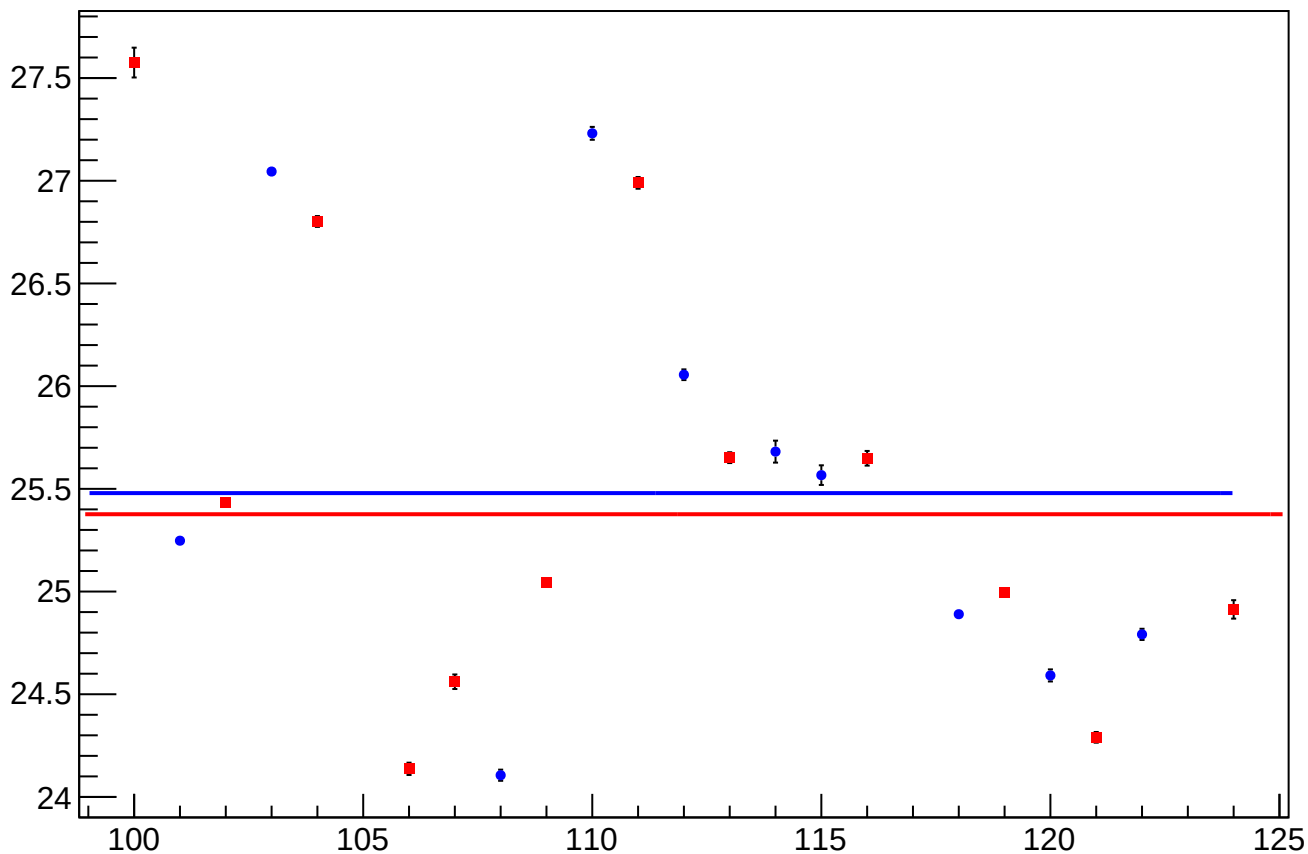
Right: 19.003+/-8.573 χ^2/NDF : 18.0/21

In: 8.753+/-12.606 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.003+/-8.573 χ^2/NDF : 18.0/21

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.479+/-0.009 χ^2/NDF : 12485.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.376+/-0.008 χ^2/NDF : 11771.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

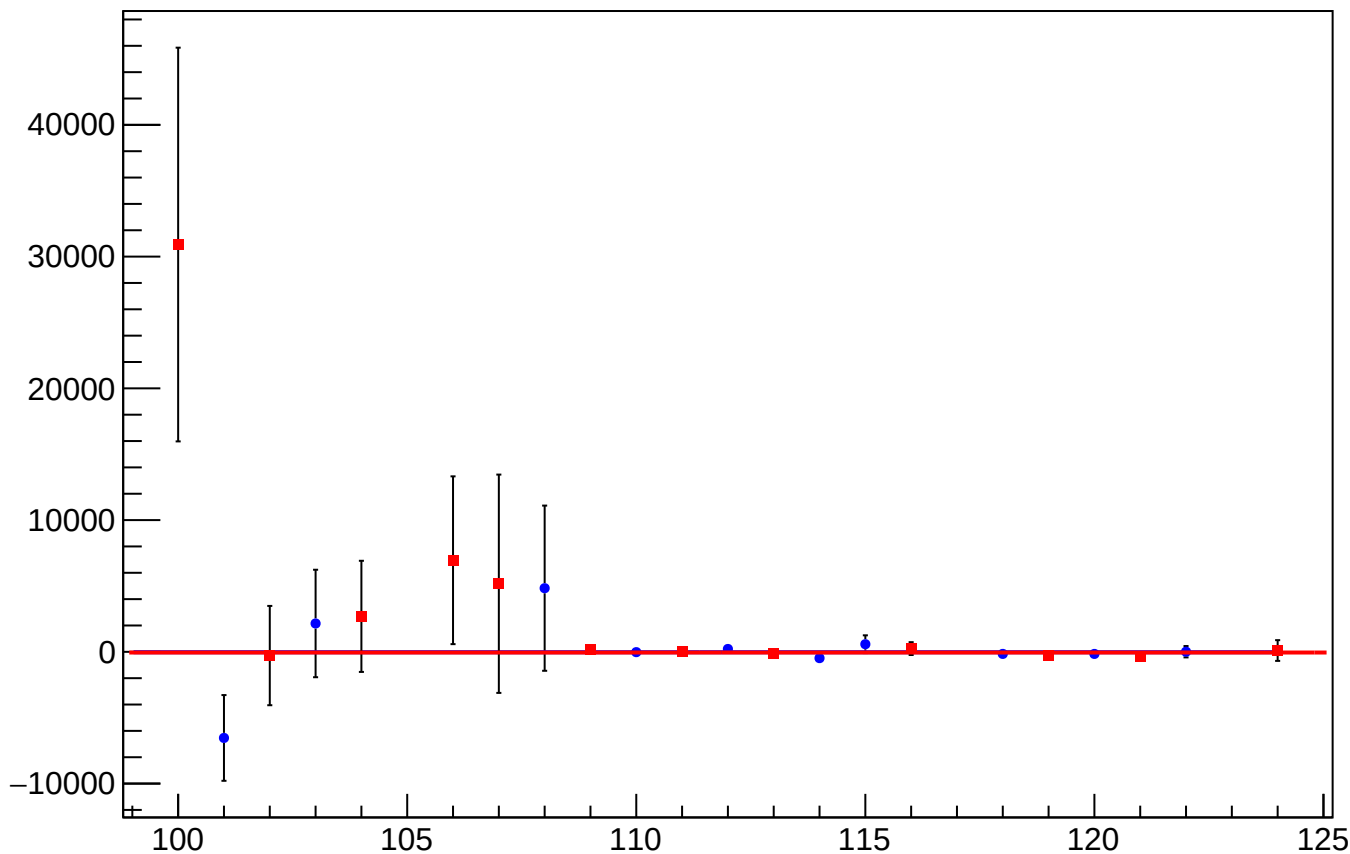
Right: 25.424+/-0.006 χ^2/NDF : 24328.1/21

In: 25.479+/-0.009 χ^2/NDF : 12485.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.424+/-0.006 χ^2/NDF : 24328.1/21

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -28.696+/-107.577 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -52.028+/-97.278 χ^2/NDF : 10.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

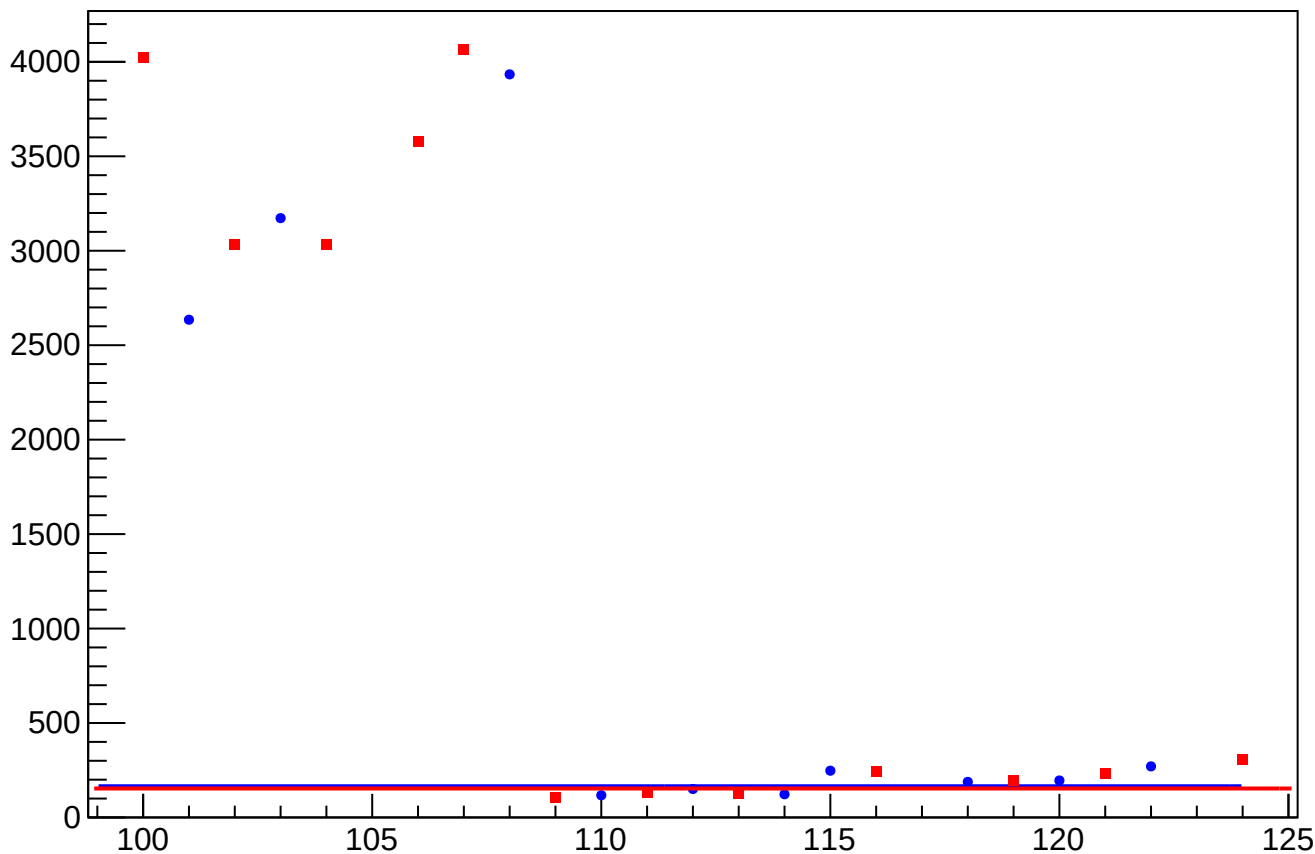
Right: -41.532+/-72.153 χ^2/NDF : 19.0/21

In: -28.696+/-107.577 χ^2/NDF :8.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.532+/-72.153 χ^2/NDF : 19.0/21

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 165.126+/-0.076 χ^2/NDF : 3299928.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.265+/-0.069 χ^2/NDF : 3726458.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

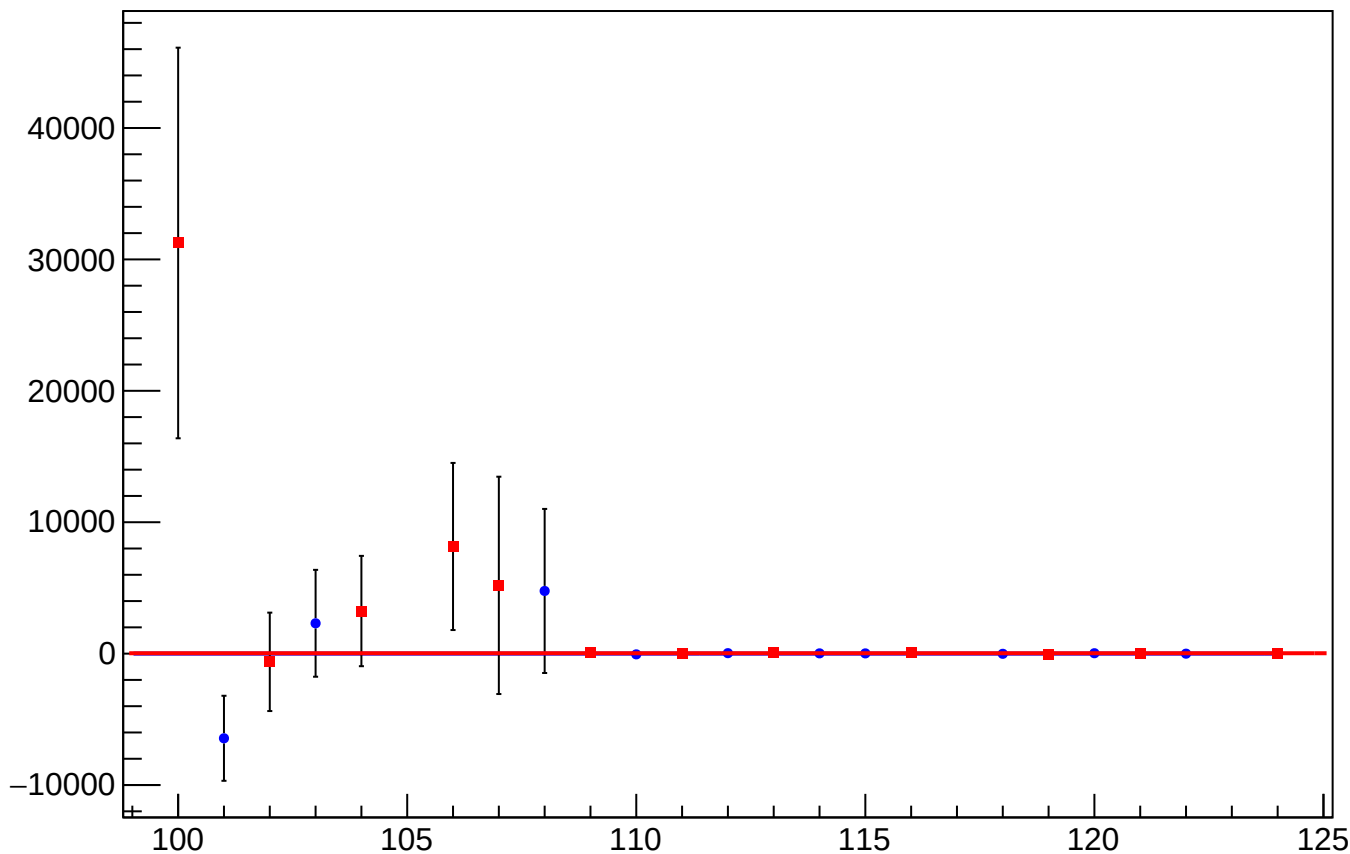
Right: 158.601+/-0.051 χ^2/NDF : 7039761.4/21

In: 165.126+/-0.076 χ^2/NDF : 3299928.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.601+/-0.051 χ^2/NDF : 7039761.4/21

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.819+/-17.669 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.254+/-16.975 χ^2/NDF : 19.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

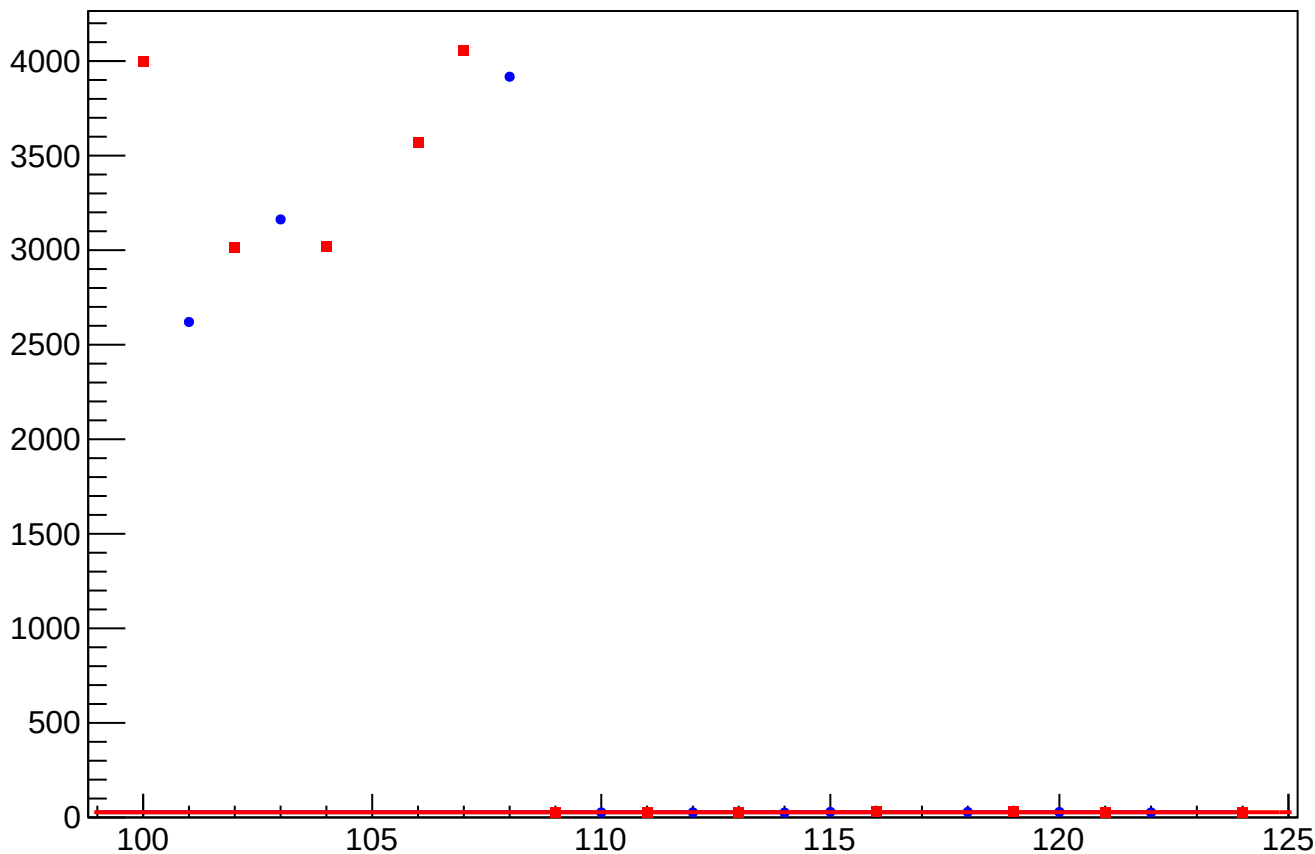
Right: 16.606+/-12.241 χ^2/NDF : 28.8/21

In: 1.819+/-17.669 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.606+/-12.241 χ^2/NDF : 28.8/21

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.711+/-0.012 χ^2/NDF : 3258415.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.666+/-0.012 χ^2/NDF : 3549798.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

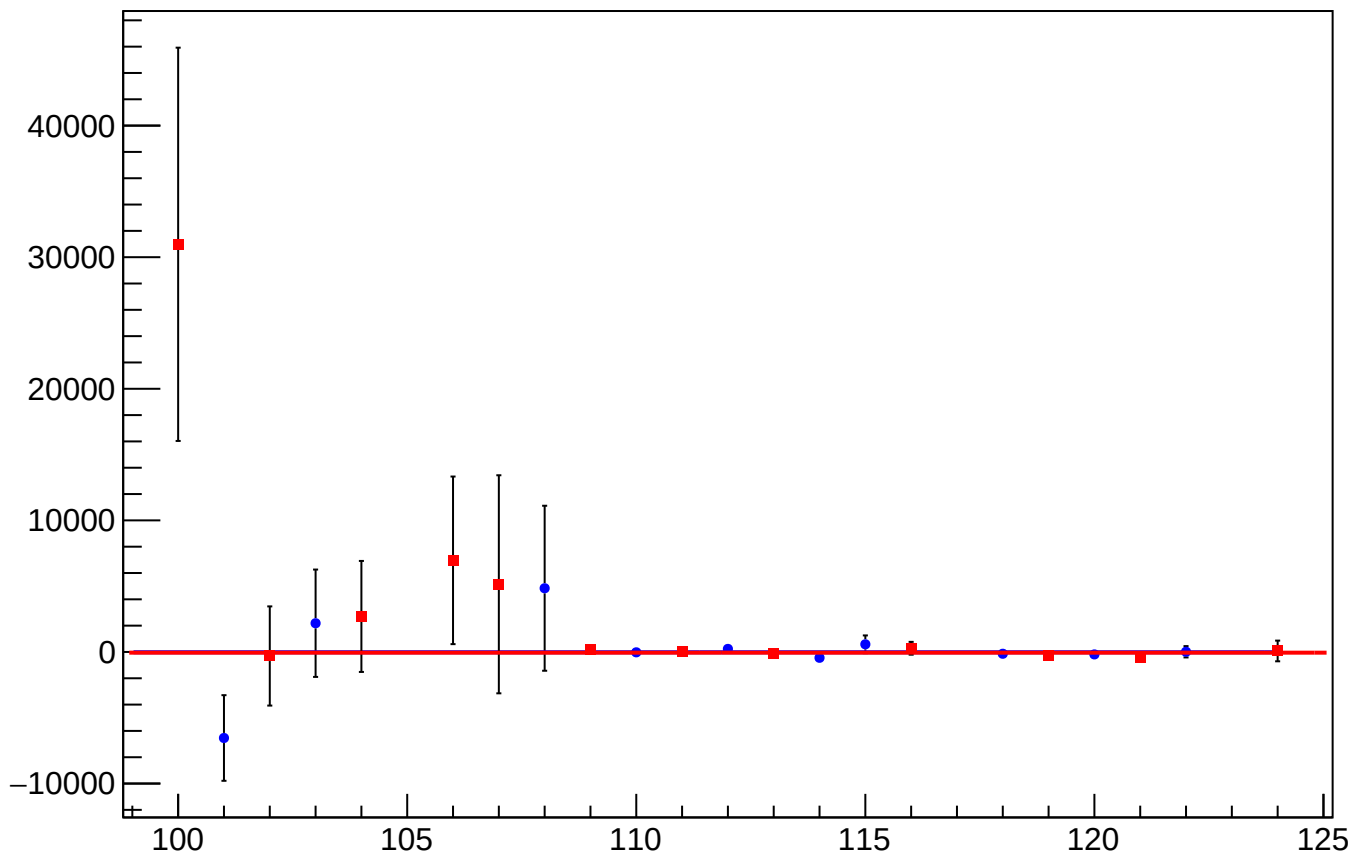
Right: 27.688+/-0.009 χ^2/NDF : 6808219.7/21

In: 27.711+/-0.012 χ^2/NDF : 3258415.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.688+/-0.009 χ^2/NDF : 6808219.7/21

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -22.337 $\pm$ 107.167 χ^2 /NDF: 8.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -53.936 $\pm$ 96.869 χ^2 /NDF: 10.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

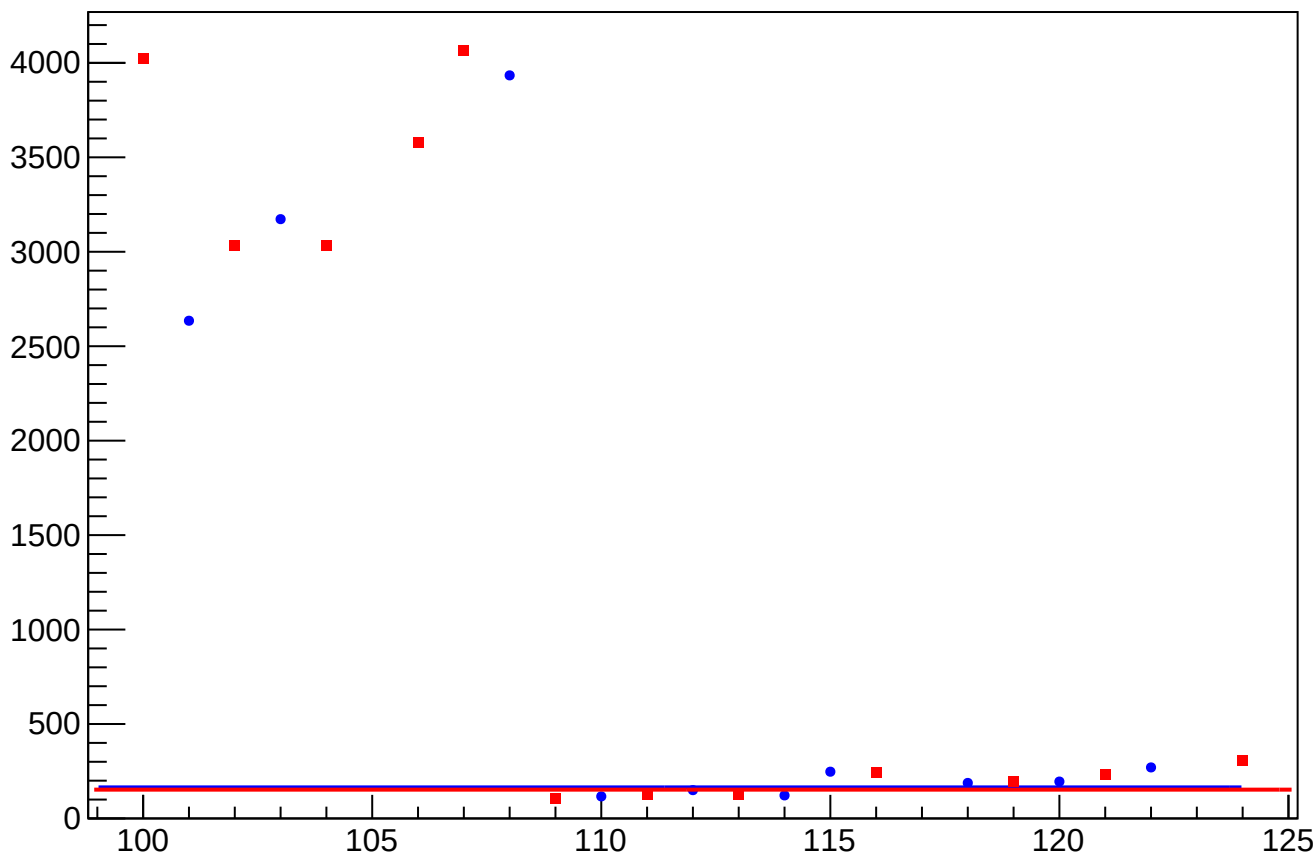
Right: -39.727 $\pm$ 71.863 χ^2 /NDF: 19.2/21

In: -22.337 $\pm$ 107.167 χ^2 /NDF:8.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.727 $\pm$ 71.863 χ^2 /NDF: 19.2/21

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 164.399+/-0.076 χ^2/NDF : 3305505.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 152.510+/-0.068 χ^2/NDF : 3733291.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

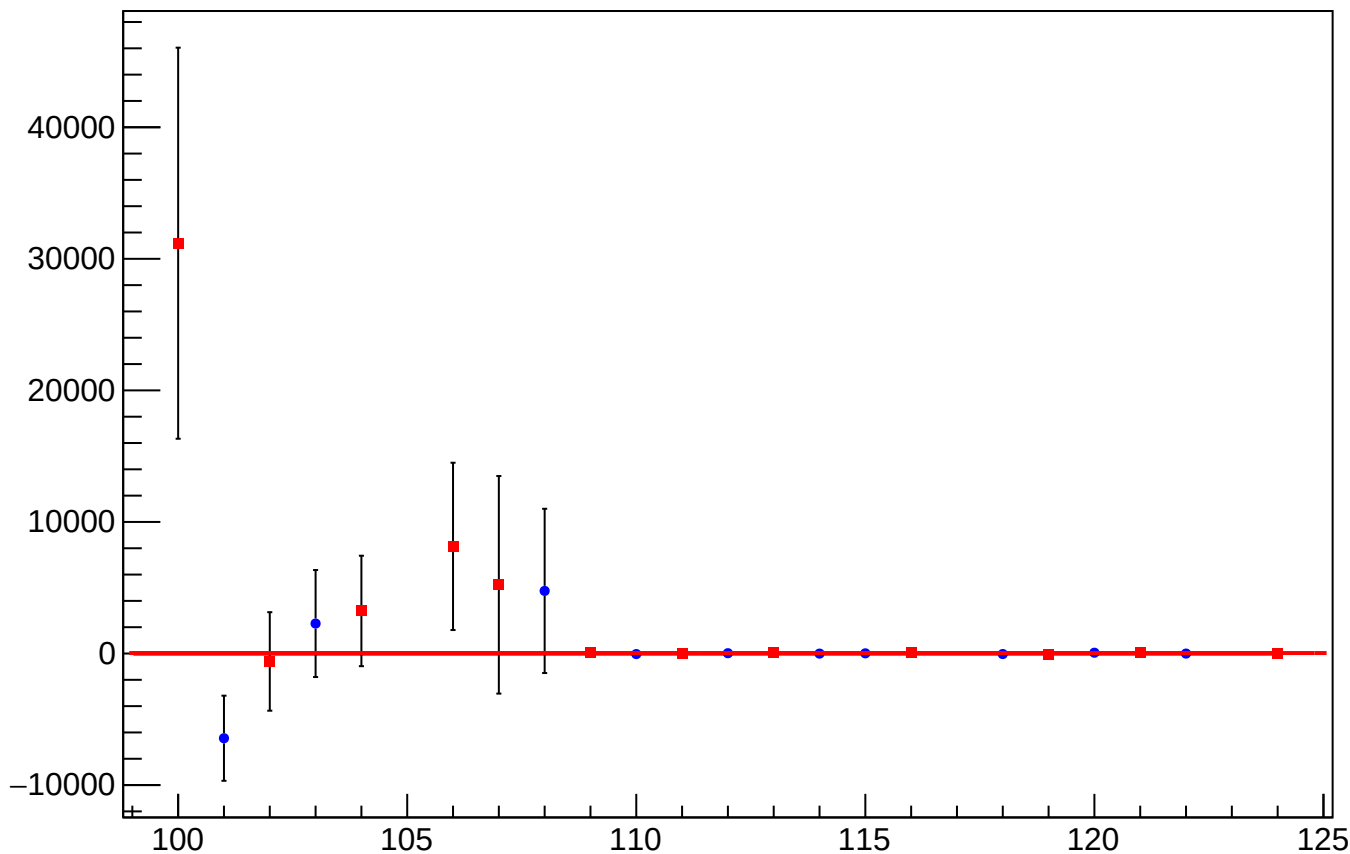
Right: 157.856+/-0.051 χ^2/NDF : 7052343.3/21

In: 164.399+/-0.076 χ^2/NDF :3305505.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 157.856+/-0.051 χ^2/NDF : 7052343.3/21

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.547+/-17.754 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.693+/-17.091 χ^2/NDF : 15.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

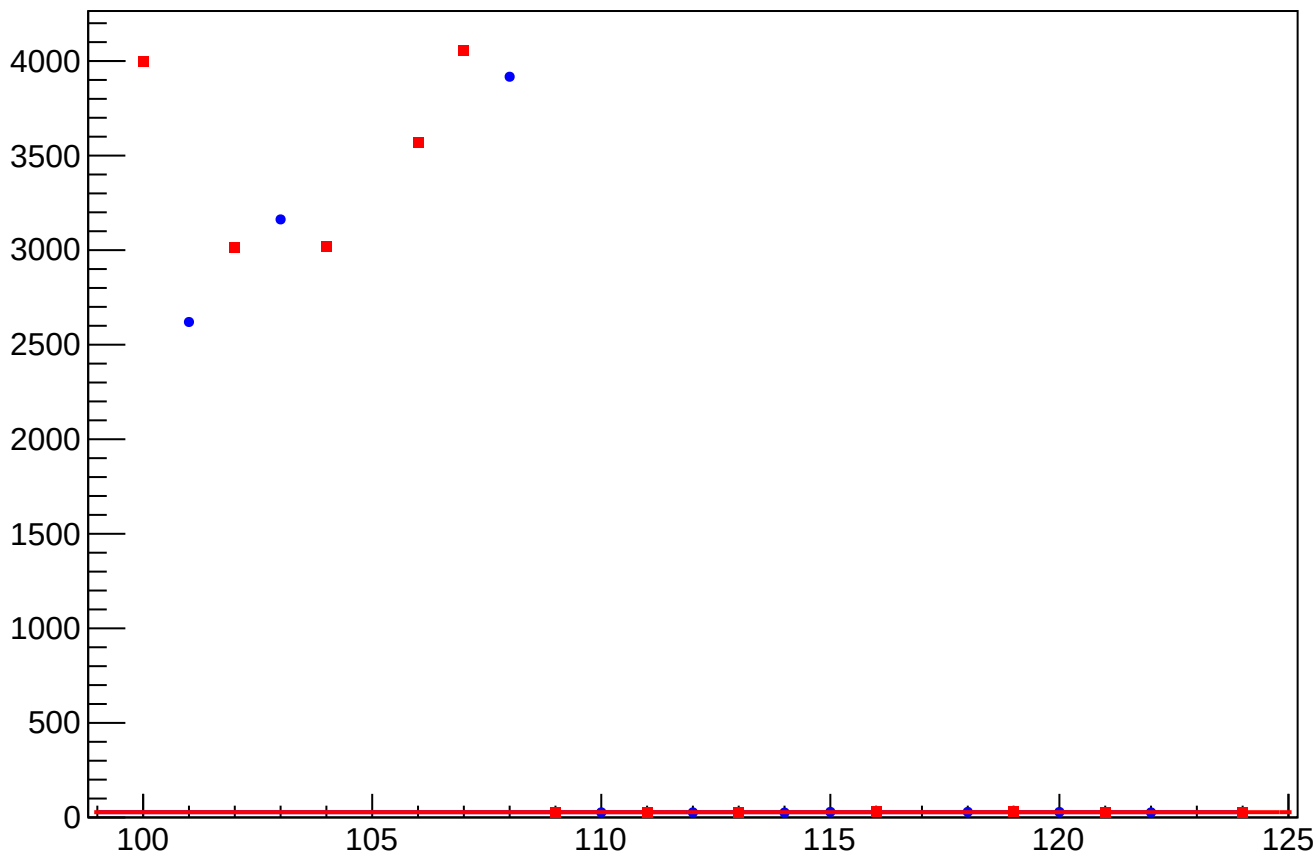
Right: 17.301+/-12.313 χ^2/NDF : 27.0/21

In: -2.547+/-17.754 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.301+/-12.313 χ^2/NDF : 27.0/21

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.840+/-0.013 χ^2/NDF : 3259032.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.851+/-0.012 χ^2/NDF : 3551533.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

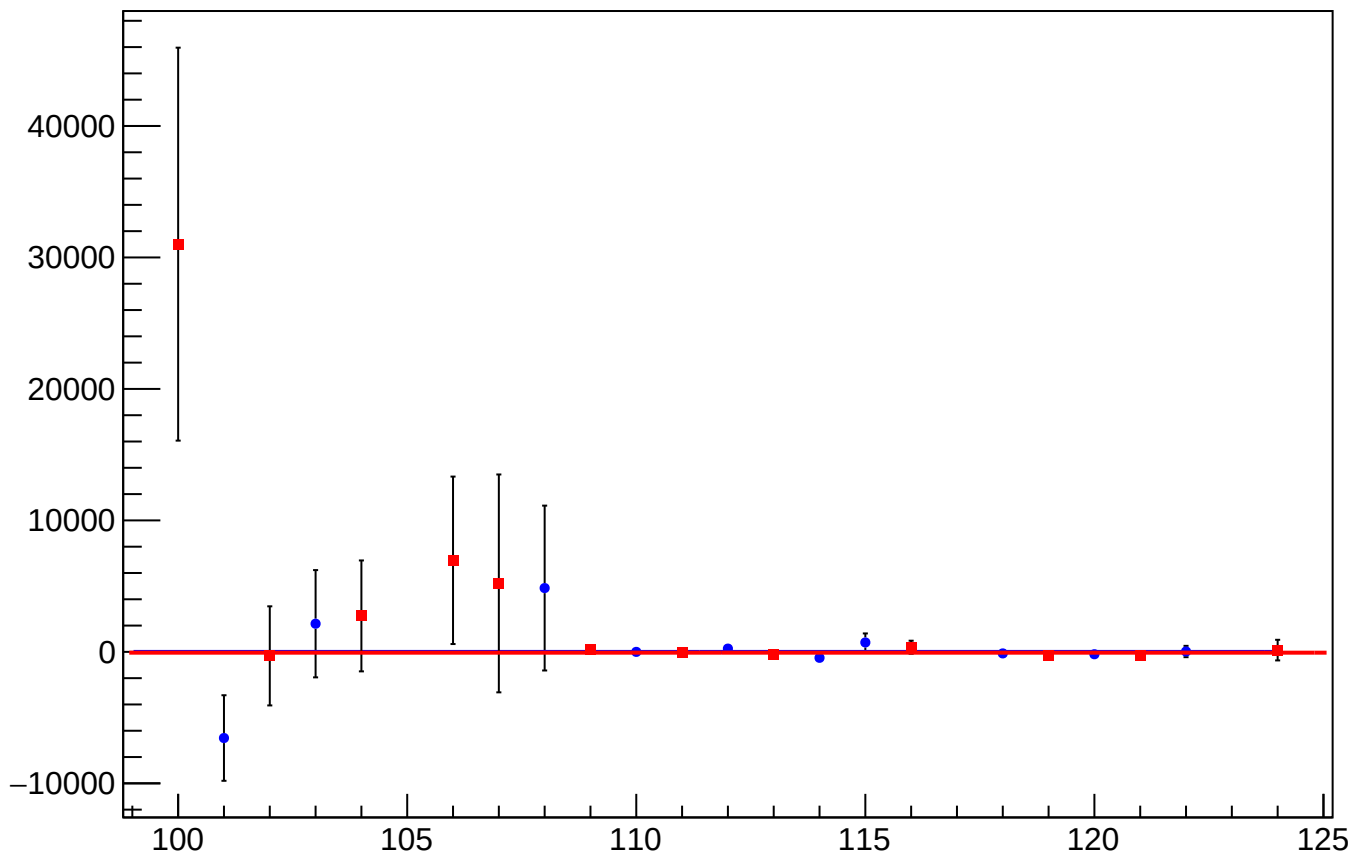
Right: 27.846+/-0.009 χ^2/NDF : 6810566.2/21

In: 27.840+/-0.013 χ^2/NDF : 3259032.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.846+/-0.009 χ^2/NDF : 6810566.2/21

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -3.875+/-108.787 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -61.071+/-98.564 χ^2/NDF : 10.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

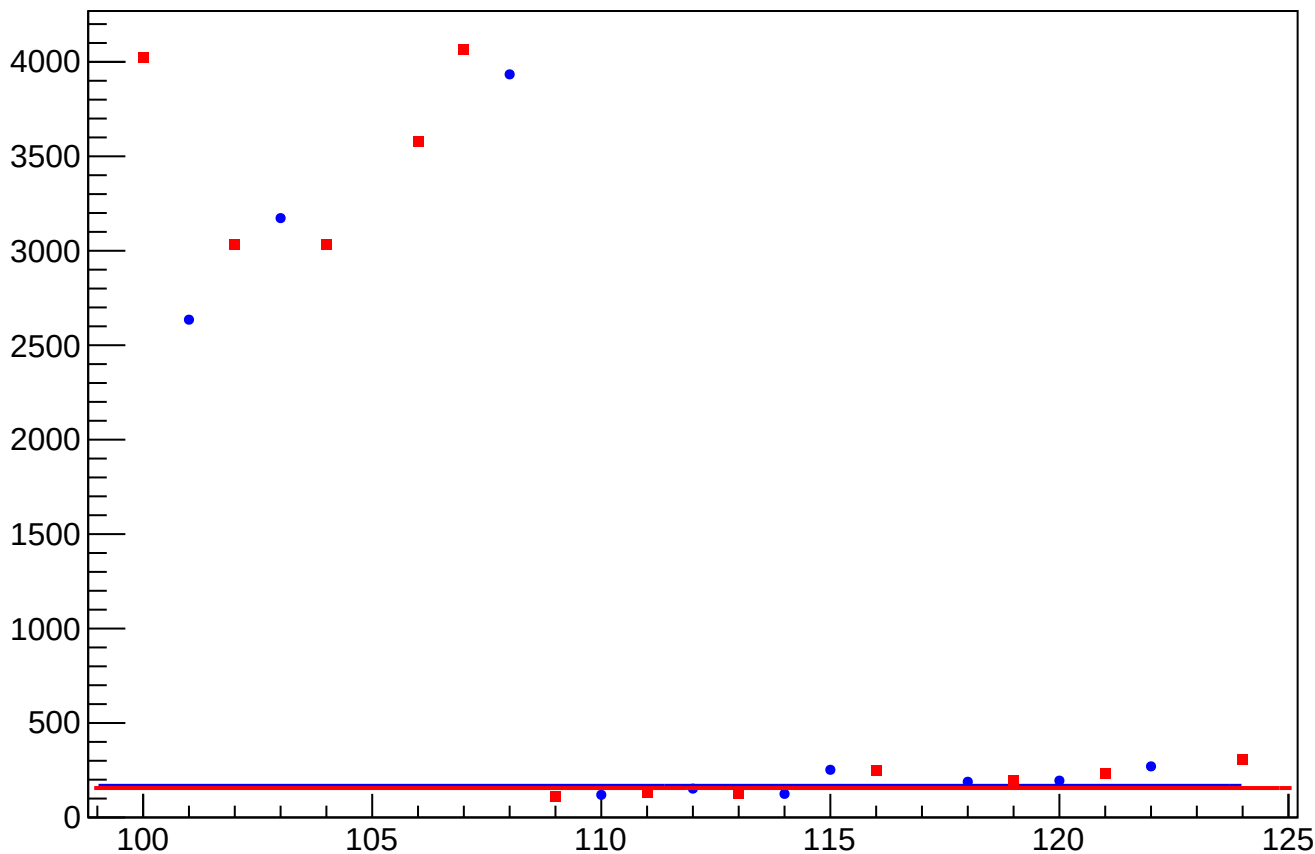
Right: -35.286+/-73.043 χ^2/NDF : 19.6/21

In: -3.875+/-108.787 χ^2/NDF :9.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.286+/-73.043 χ^2/NDF : 19.6/21

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 167.374+/-0.077 χ^2/NDF : 3279894.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.742+/-0.070 χ^2/NDF : 3702089.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

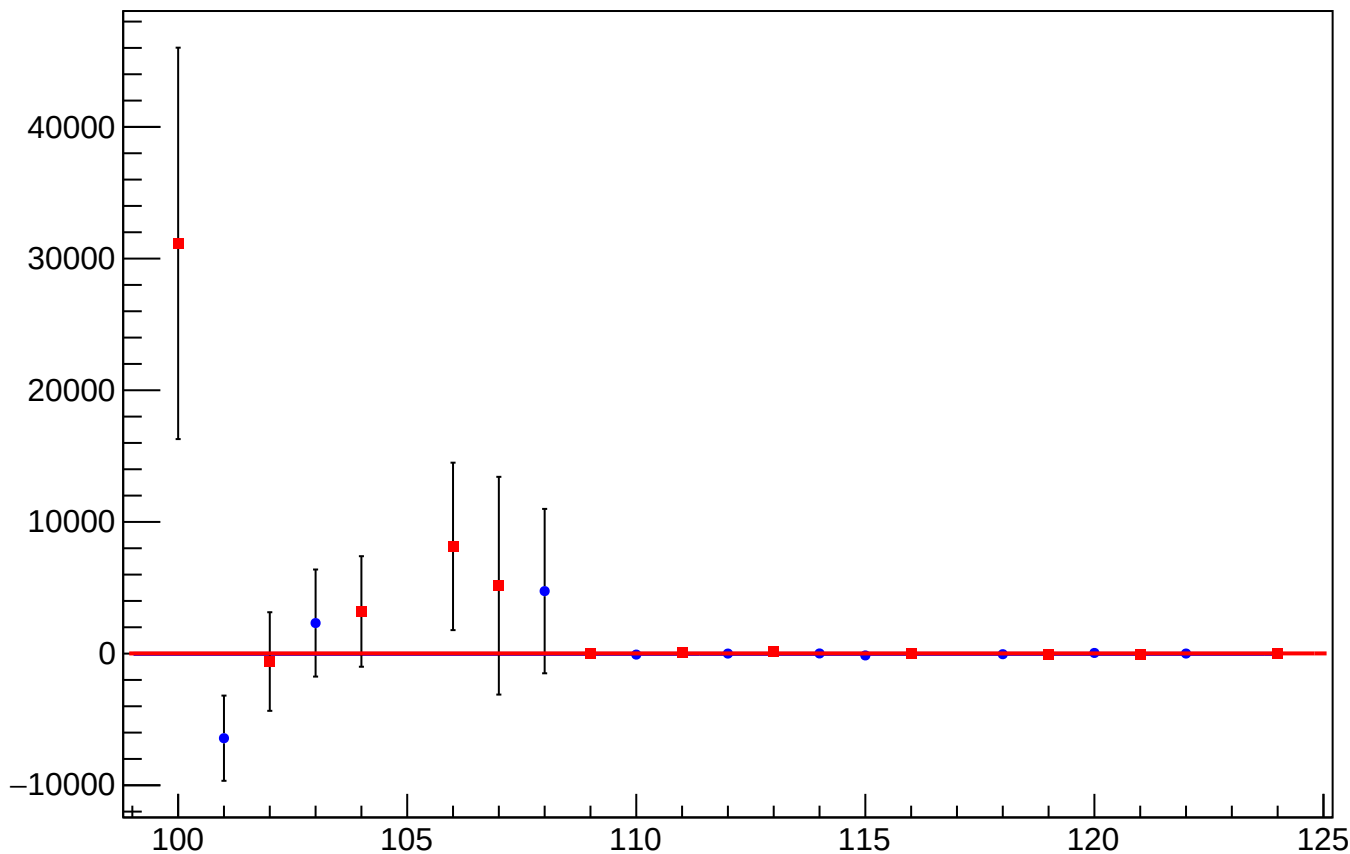
Right: 160.986+/-0.052 χ^2/NDF : 6994542.4/21

In: 167.374+/-0.077 χ^2/NDF : 3279894.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.986+/-0.052 χ^2/NDF : 6994542.4/21

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -20.634+/-21.649 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13.696+/-20.773 χ^2/NDF : 19.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

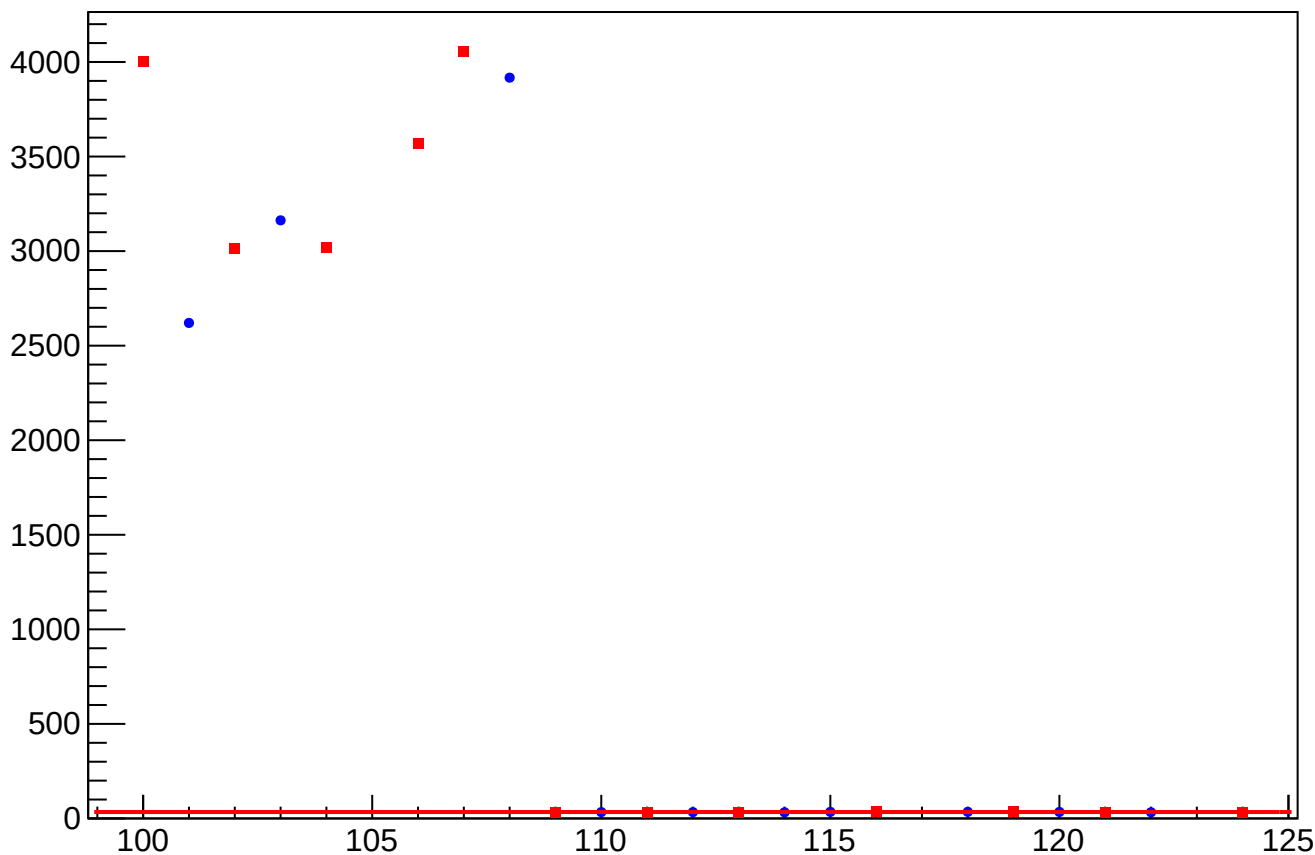
Right: -2.760+/-14.989 χ^2/NDF : 30.9/21

In: -20.634+/-21.649 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.760+/-14.989 χ^2/NDF : 30.9/21

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.037+/-0.015 χ^2/NDF : 3239010.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.954+/-0.015 χ^2/NDF : 3523872.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

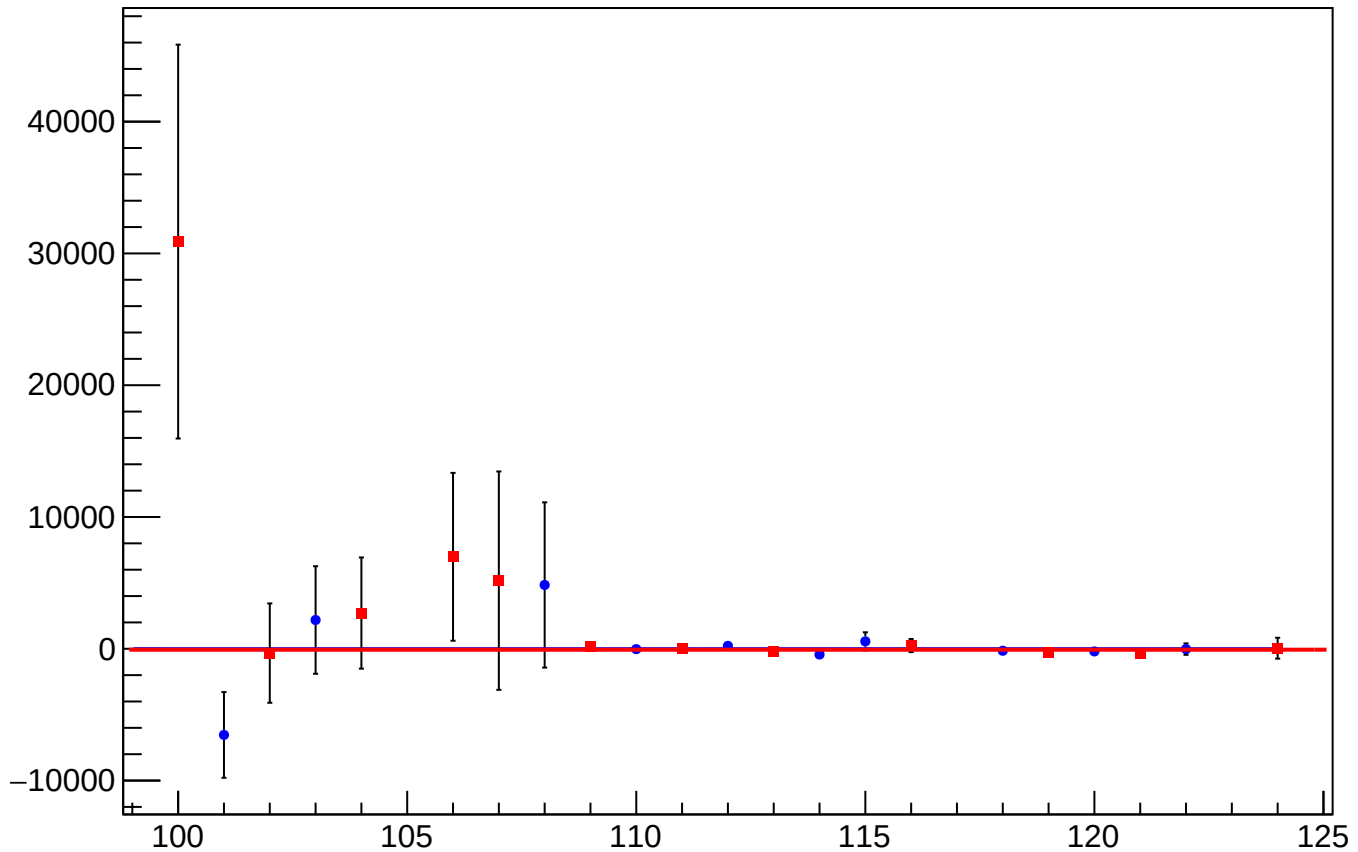
Right: 33.994+/-0.011 χ^2/NDF : 6762897.9/21

In: 34.037+/-0.015 χ^2/NDF : 3239010.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.994+/-0.011 χ^2/NDF : 6762897.9/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -31.178+/-108.089 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -69.484+/-97.778 χ^2/NDF : 9.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

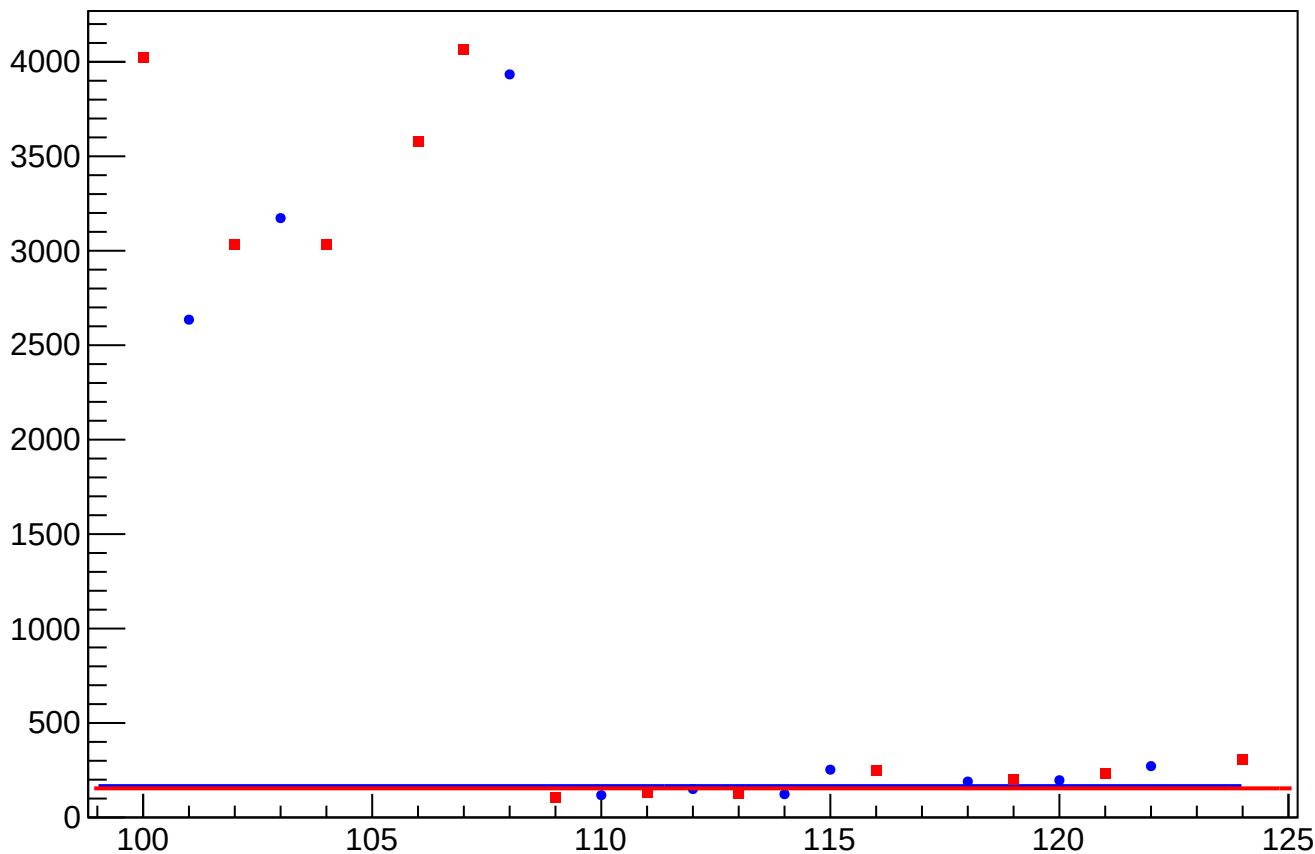
Right: -52.245+/-72.512 χ^2/NDF : 18.7/21

In: -31.178+/-108.089 χ^2/NDF :8.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -52.245+/-72.512 χ^2/NDF : 18.7/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 165.882+/-0.076 χ^2/NDF : 3302891.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.021+/-0.069 χ^2/NDF : 3731275.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

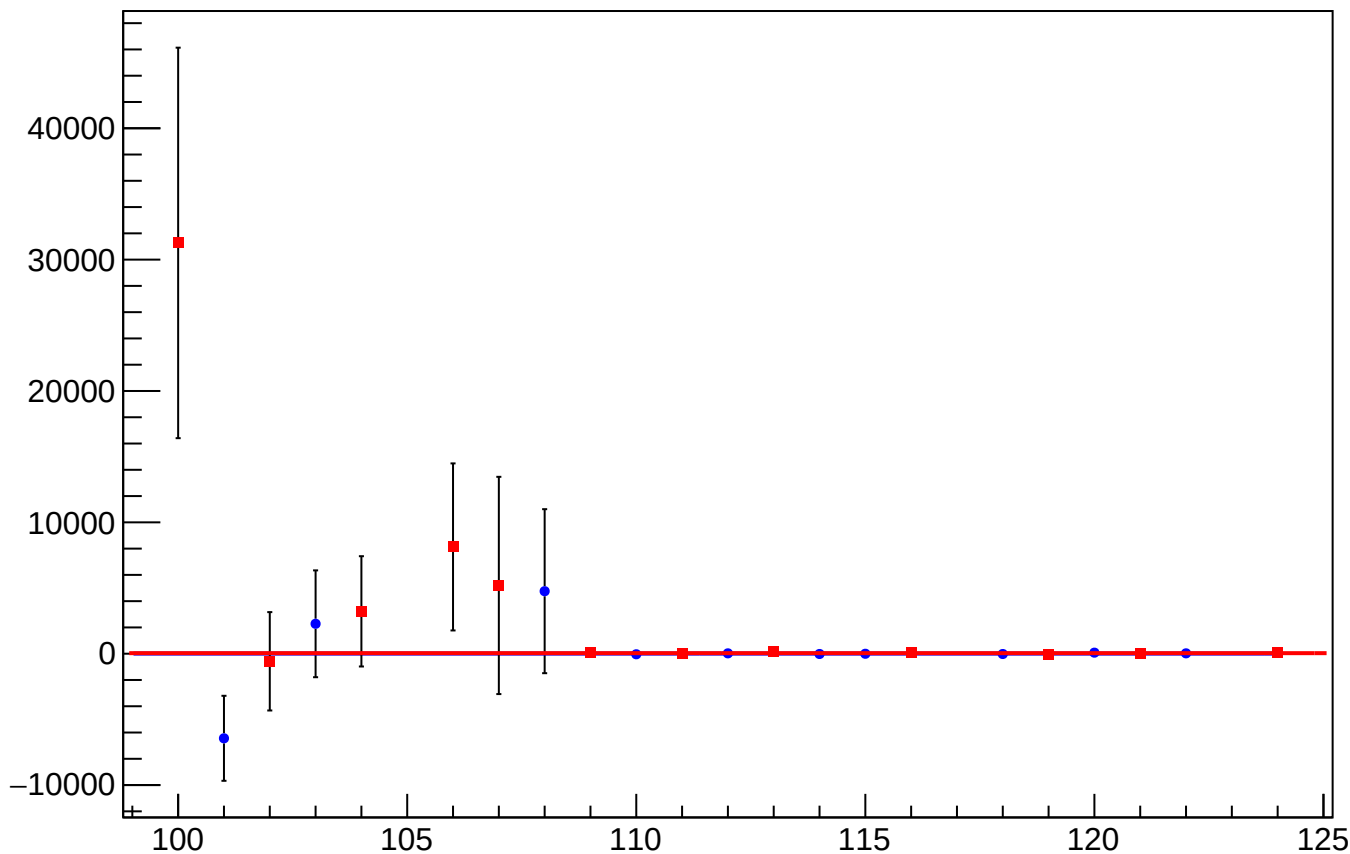
Right: 159.359+/-0.051 χ^2/NDF : 7047411.7/21

In: 165.882+/-0.076 χ^2/NDF : 3302891.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.359+/-0.051 χ^2/NDF : 7047411.7/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.024+/-19.910 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.626+/-19.100 χ^2/NDF : 19.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

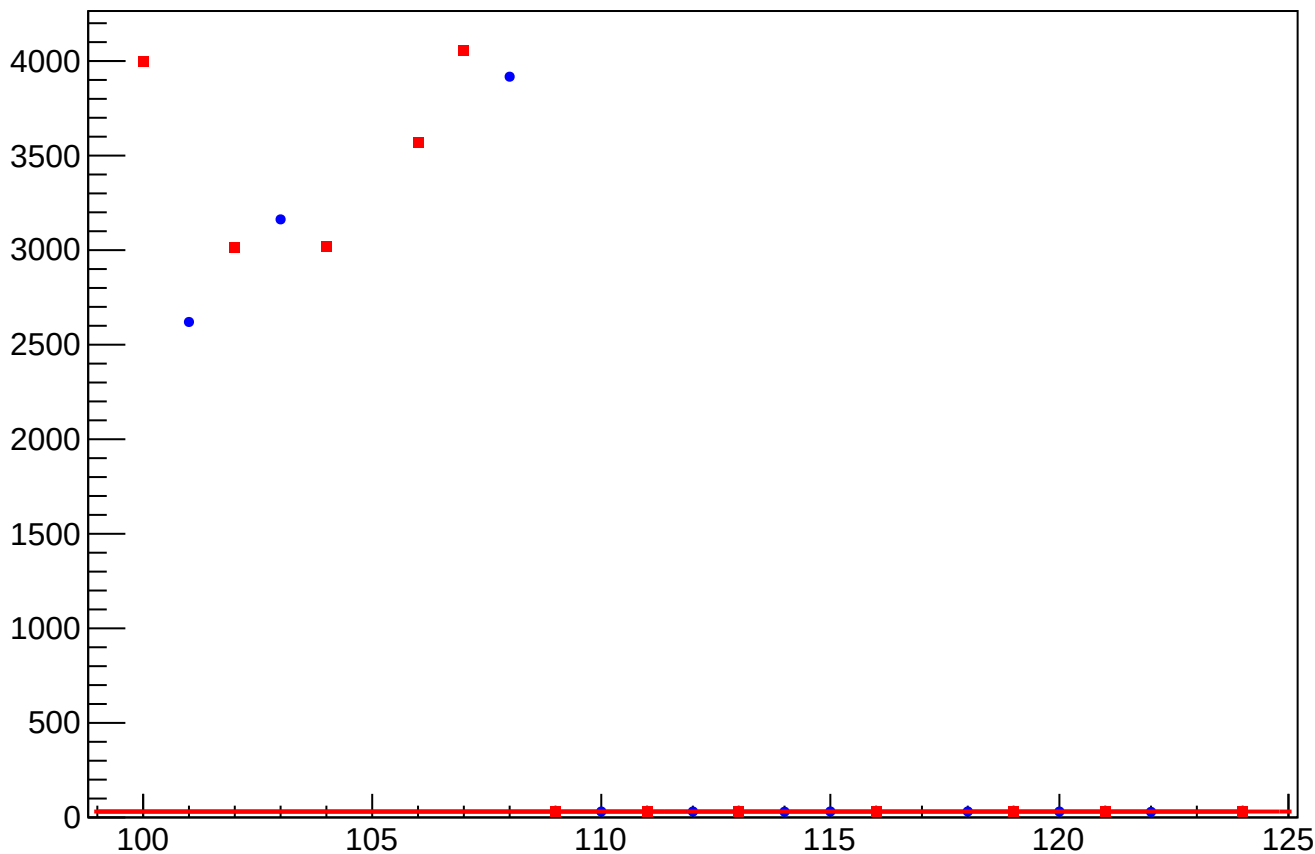
Right: 26.001+/-13.783 χ^2/NDF : 30.1/21

In: 9.024+/-19.910 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.001+/-13.783 χ^2/NDF : 30.1/21

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.280+/-0.014 χ^2/NDF : 3244652.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.196+/-0.014 χ^2/NDF : 3529969.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

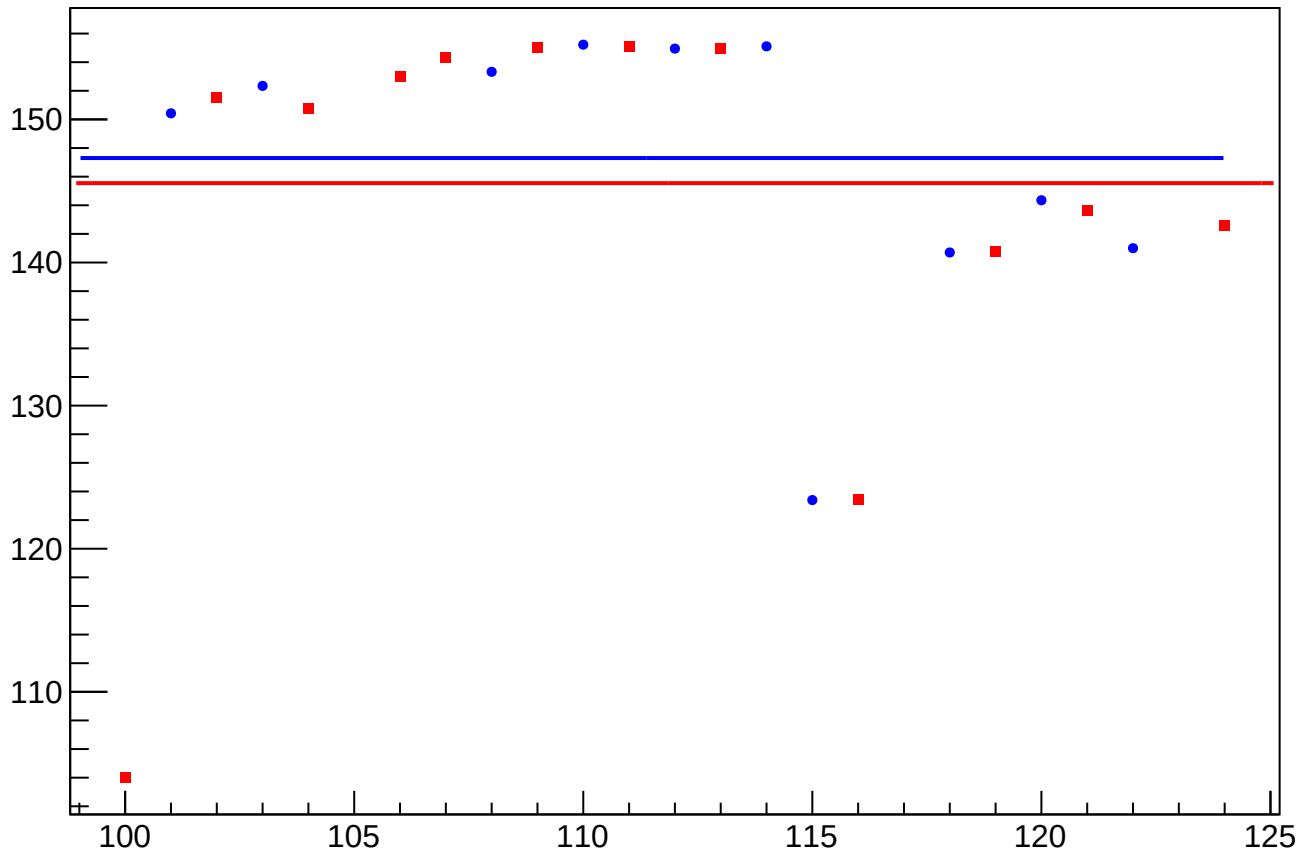
Right: 31.236+/-0.010 χ^2/NDF : 6774639.9/21

In: 31.280+/-0.014 χ^2/NDF : 3244652.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.236+/-0.010 χ^2/NDF : 6774639.9/21

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 147.302+/-0.000 χ^2/NDF : 2134936374.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.547+/-0.000 χ^2/NDF : 3930591778.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

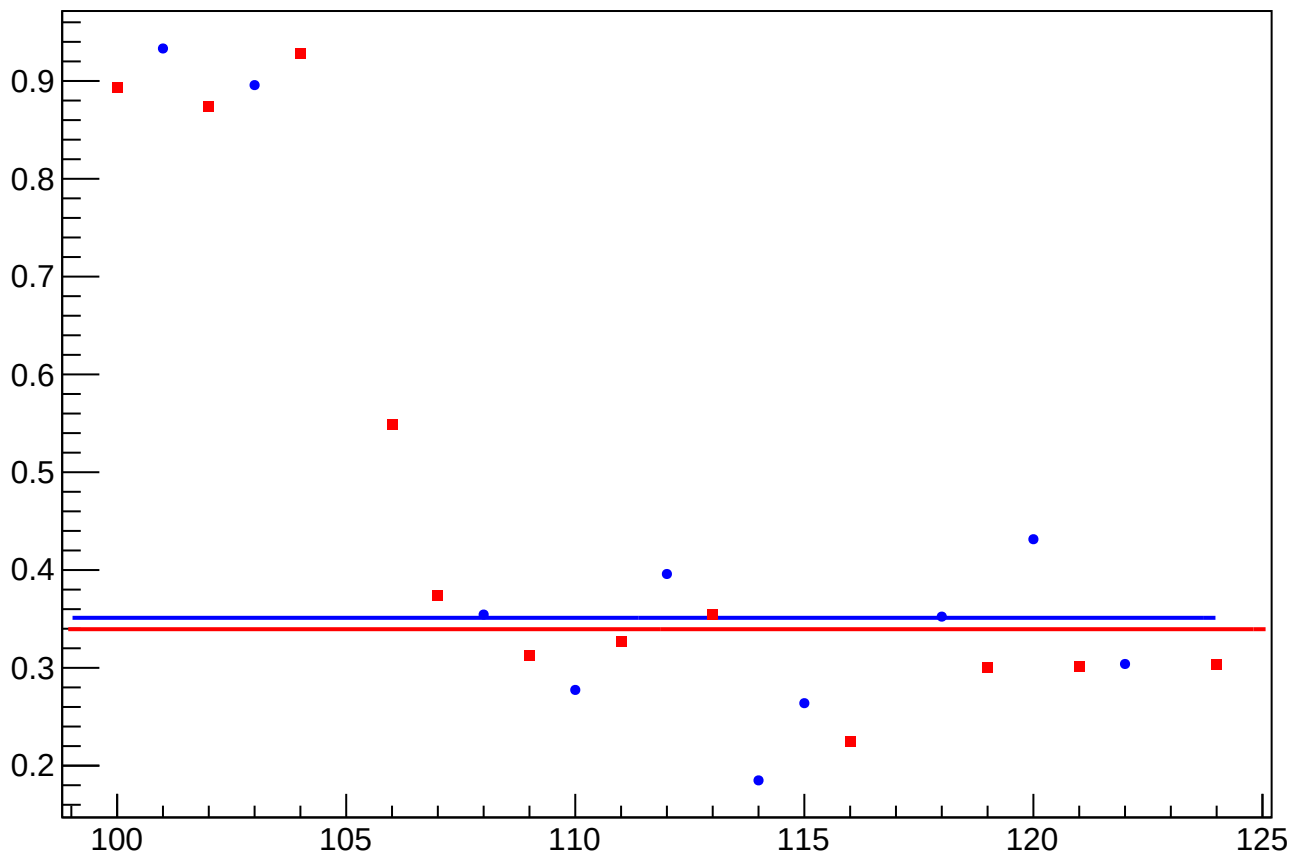
Right: 146.325+/-0.000 χ^2/NDF : 6108782517.7/21

In: 147.302+/-0.000 χ^2/NDF : 2134936374.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.325+/-0.000 χ^2/NDF : 6108782517.7

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.351+/-0.000 χ^2/NDF : 1204272.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.340+/-0.000 χ^2/NDF : 1179995.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

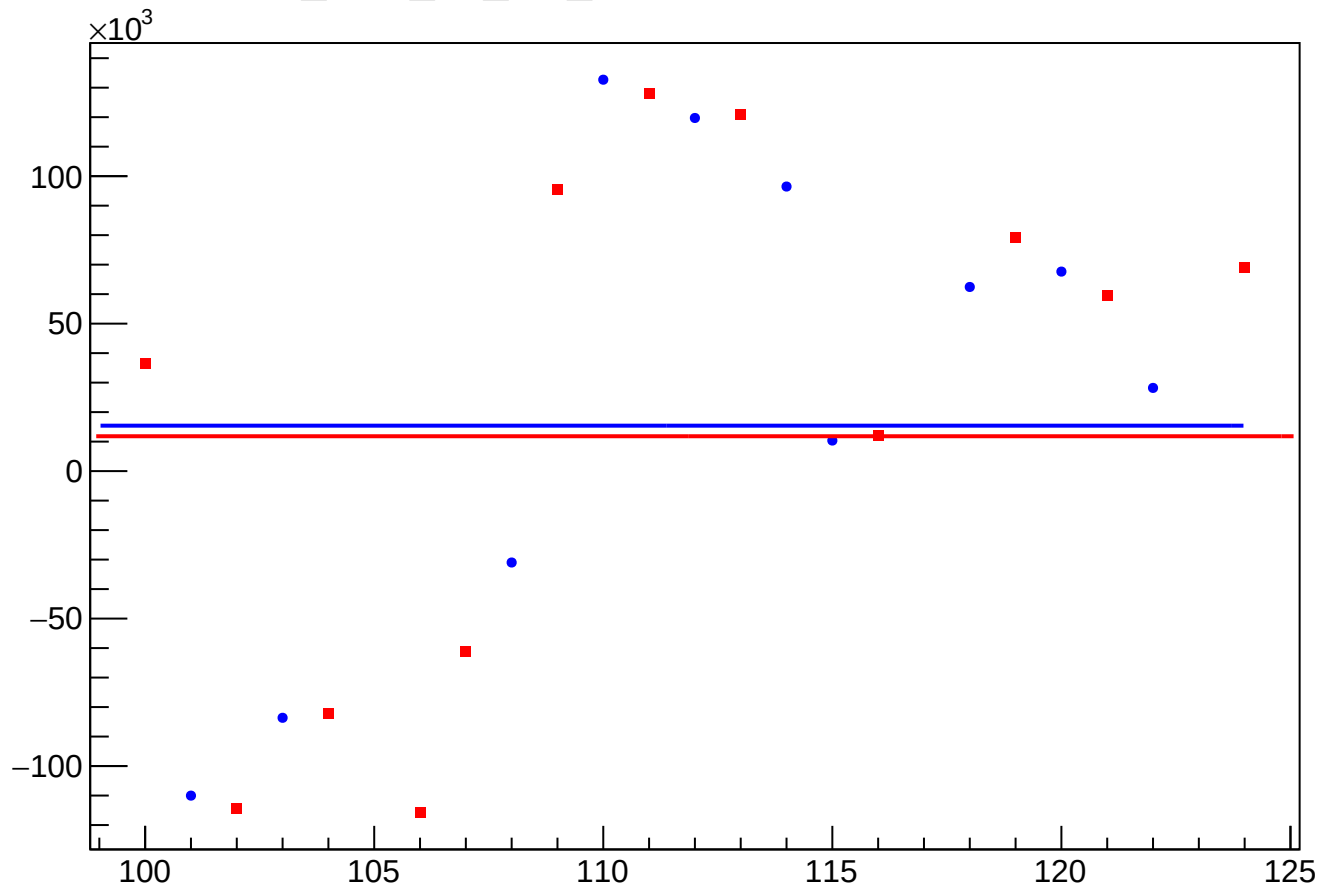
Right: 0.345+/-0.000 χ^2/NDF : 2388073.8/21

In: 0.351+/-0.000 χ^2/NDF :1204272.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.345+/-0.000 χ^2/NDF : 2388073.8/21

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 13381.003+/-1.803 χ^2/NDF : 2546145910.7/2

In: 15406.605+/-2.733 χ^2/NDF : 991464216.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13381.003+/-1.803 χ^2/NDF : 2546145910.7/2

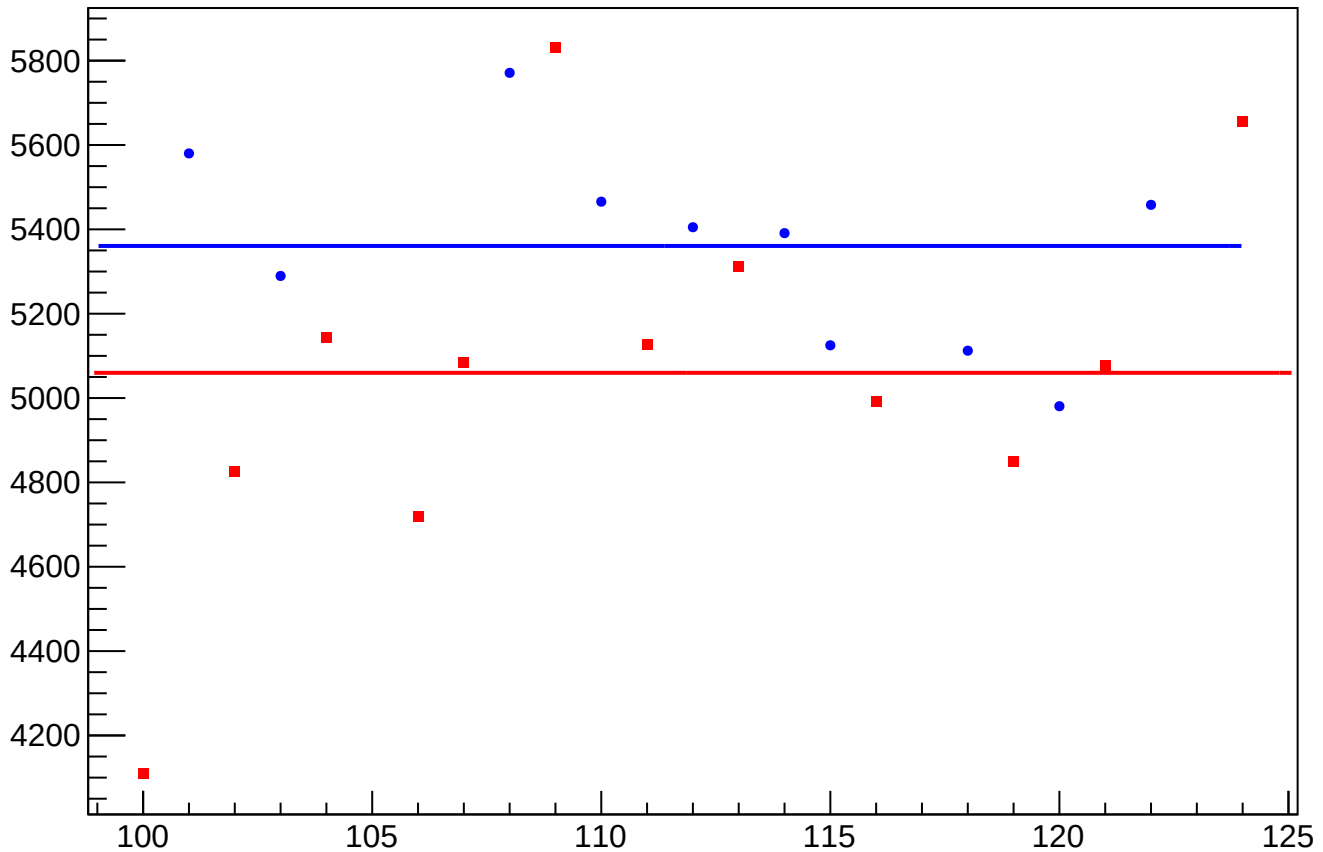
Right In: 15406.605+/-2.733 χ^2/NDF : 991464216.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11821.197+/-2.398 χ^2/NDF : 1553709509.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5360.665 $\pm$ 1.933 χ^2 /NDF: 13085.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5059.837 $\pm$ 1.696 χ^2 /NDF: 39080.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

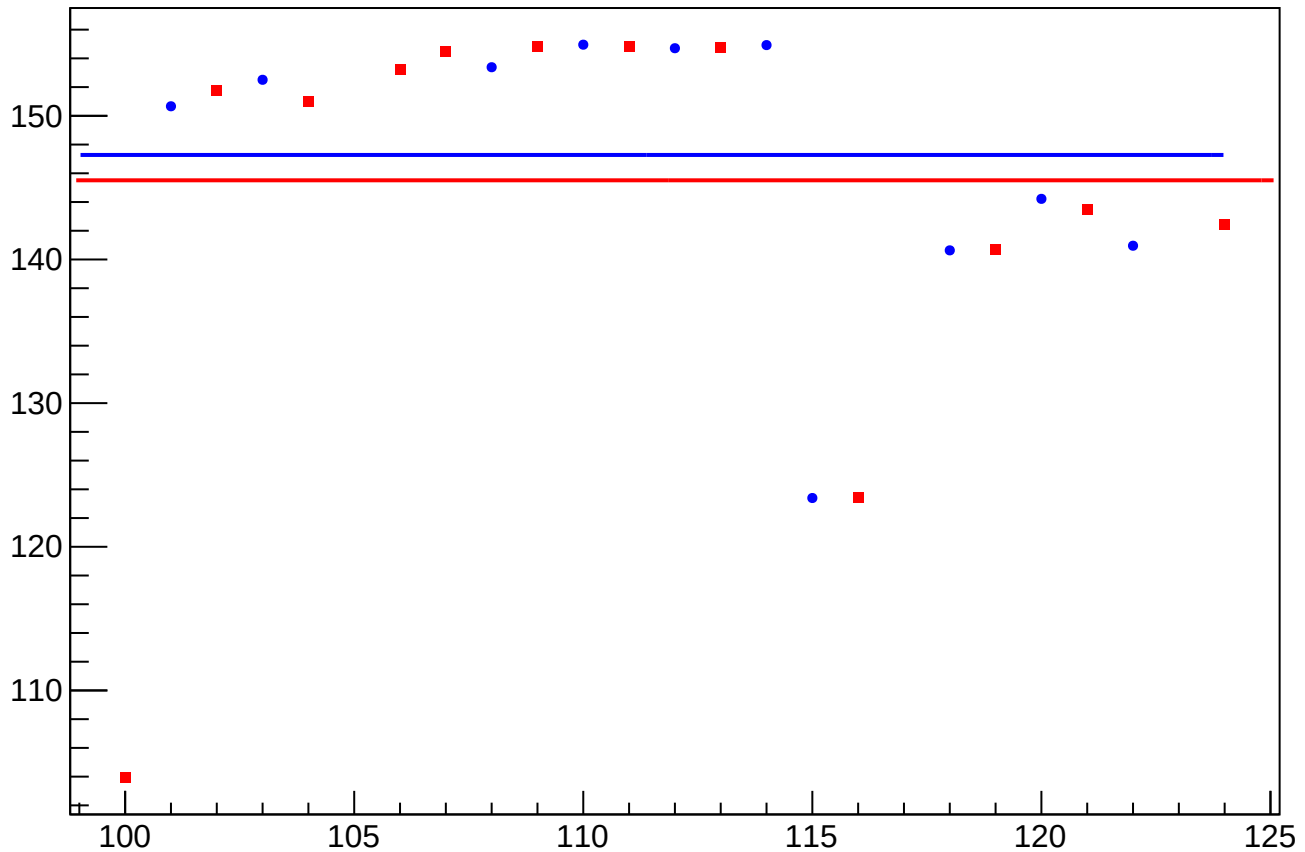
Right: 5190.710 $\pm$ 1.275 χ^2 /NDF: 65853.0/21

In: 5360.665 $\pm$ 1.933 χ^2 /NDF:13085.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5190.710 $\pm$ 1.275 χ^2 /NDF: 65853.0/21

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 147.277+/-0.000 χ^2/NDF : 2140802889.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.512+/-0.000 χ^2/NDF : 3954801473.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

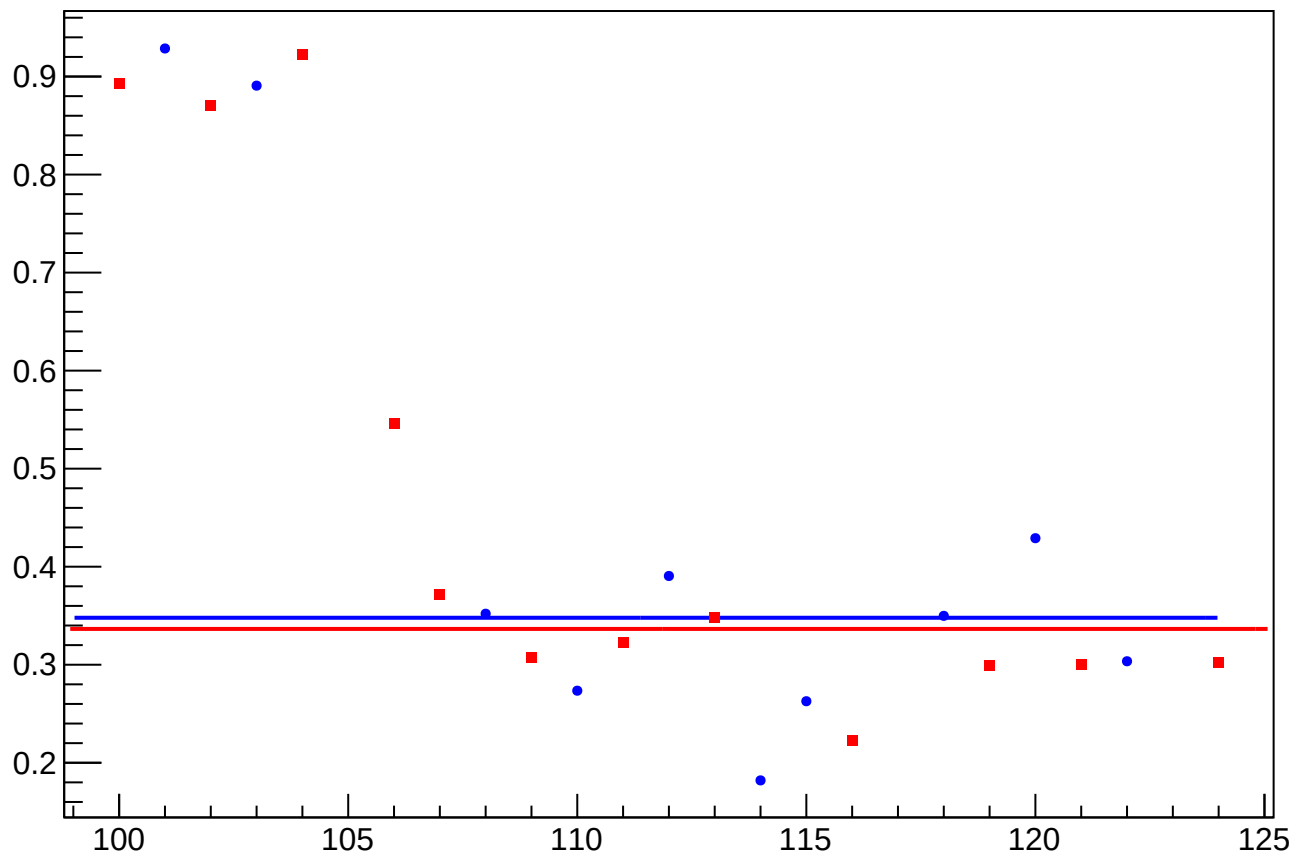
Right: 146.295+/-0.000 χ^2/NDF : 6140078337.7/21

In: 147.277+/-0.000 χ^2/NDF : 2140802889.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.295+/-0.000 χ^2/NDF : 6140078337.7

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.348+/-0.000 χ^2/NDF : 1211944.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.337+/-0.000 χ^2/NDF : 1181869.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

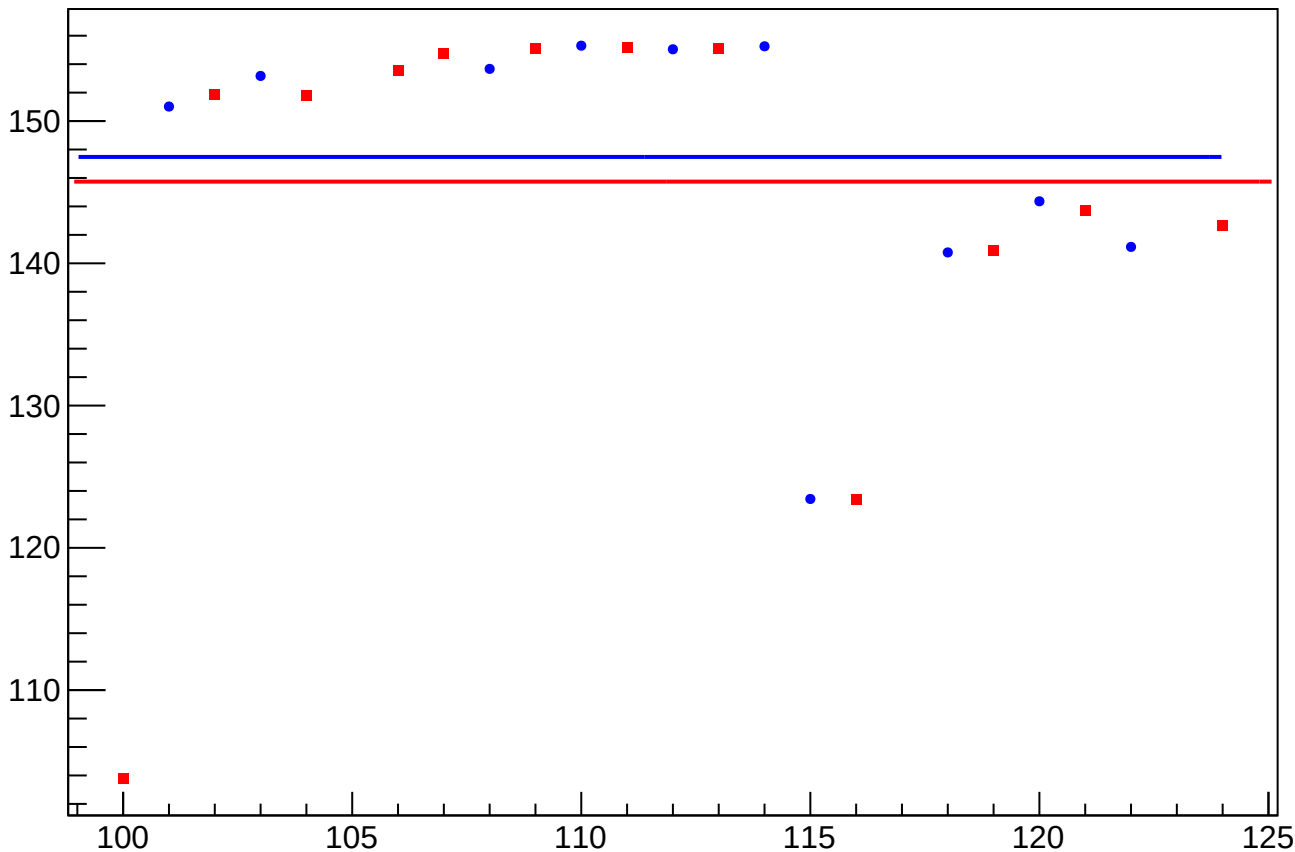
Right: 0.342+/-0.000 χ^2/NDF : 2397514.9/21

In: 0.348+/-0.000 χ^2/NDF : 1211944.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.342+/-0.000 χ^2/NDF : 2397514.9/21

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 147.478+/-0.000 χ^2/NDF : 2149960188.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.743+/-0.000 χ^2/NDF : 3938010114.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

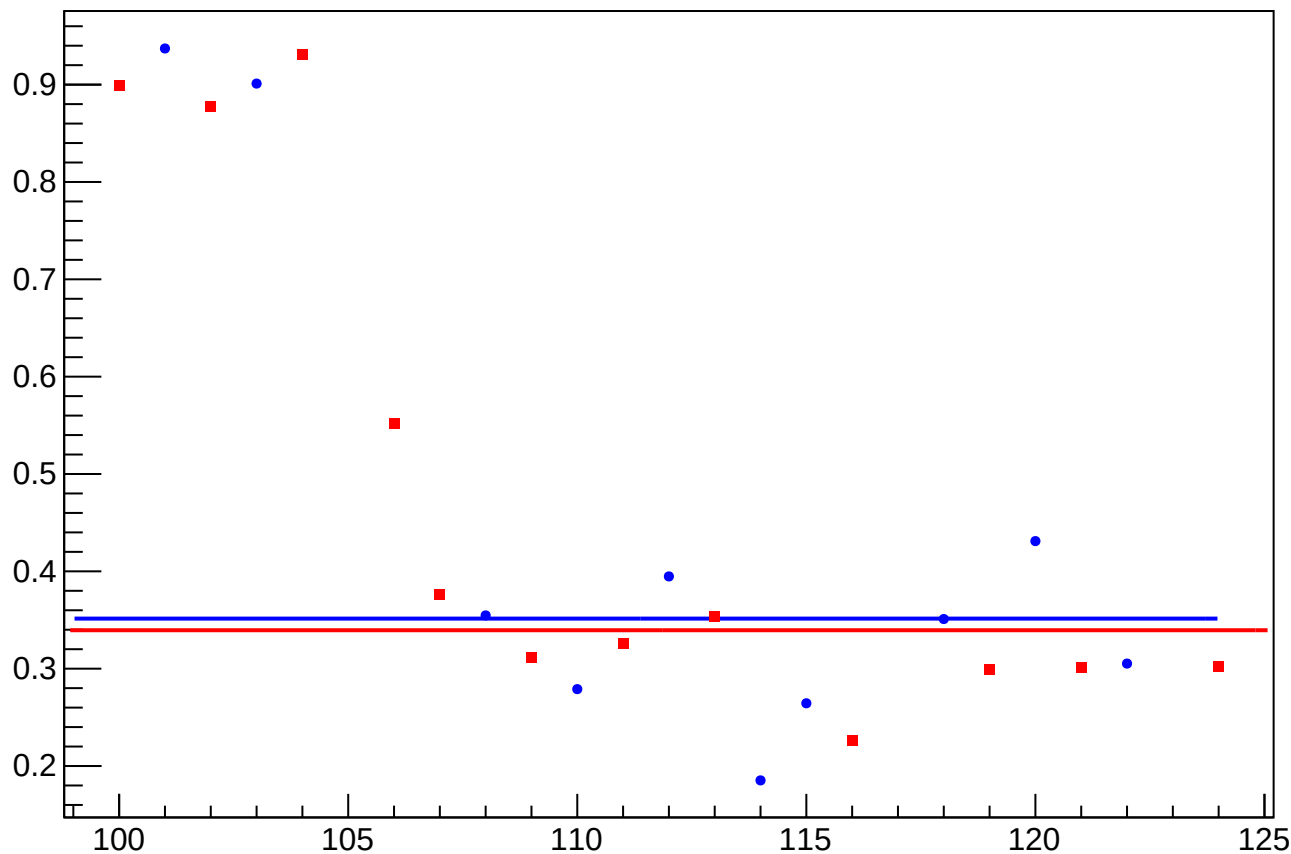
Right: 146.512+/-0.000 χ^2/NDF : 6130188037.1/21

In: 147.478+/-0.000 χ^2/NDF : 2149960188.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.512+/-0.000 χ^2/NDF : 6130188037.1

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.351+/-0.000 χ^2/NDF : 1205307.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.339+/-0.000 χ^2/NDF : 1181962.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

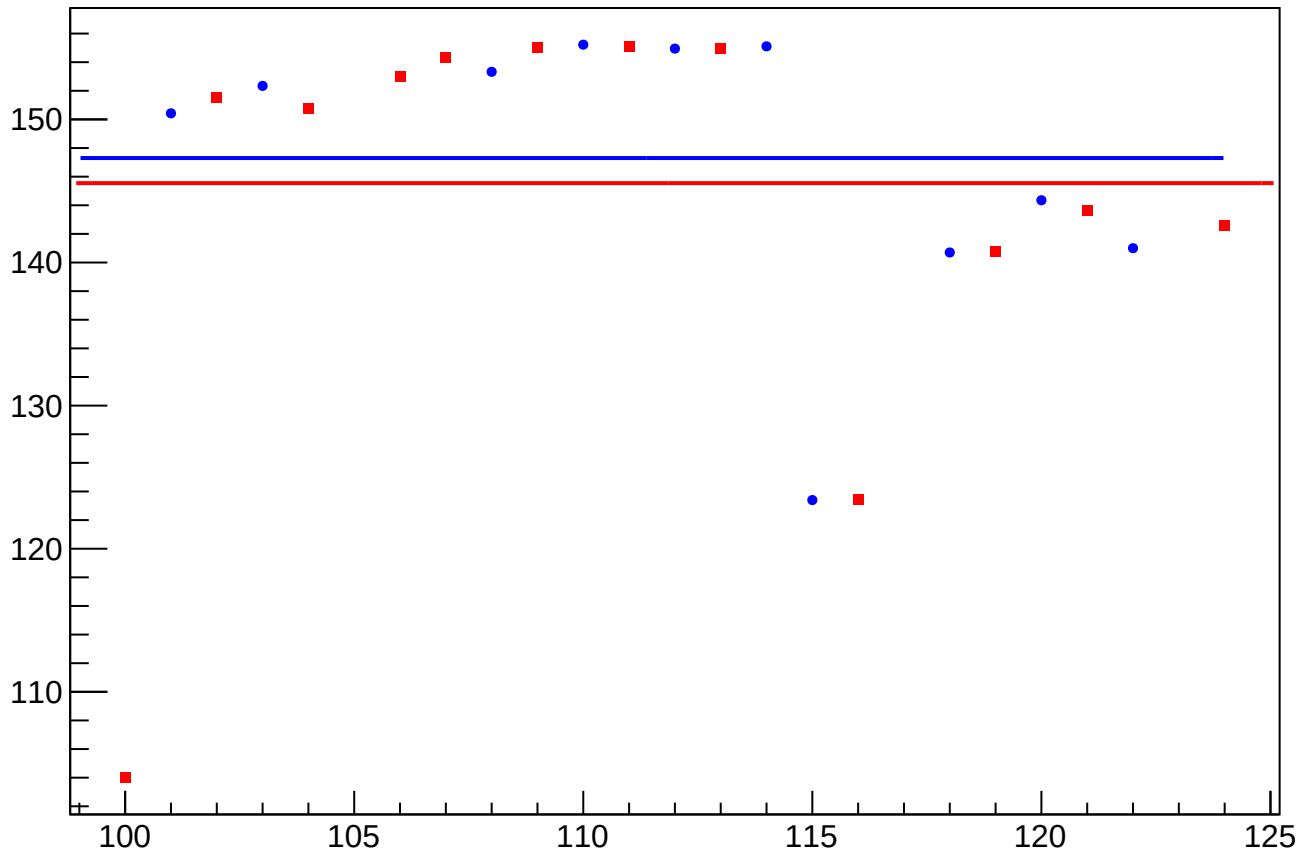
Right: 0.345+/-0.000 χ^2/NDF : 2391282.0/21

In: 0.351+/-0.000 χ^2/NDF : 1205307.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.345+/-0.000 χ^2/NDF : 2391282.0/21

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 147.302 $\pm$ 0.000 χ^2 /NDF: 2134936374.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.547 $\pm$ 0.000 χ^2 /NDF: 3930591778.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

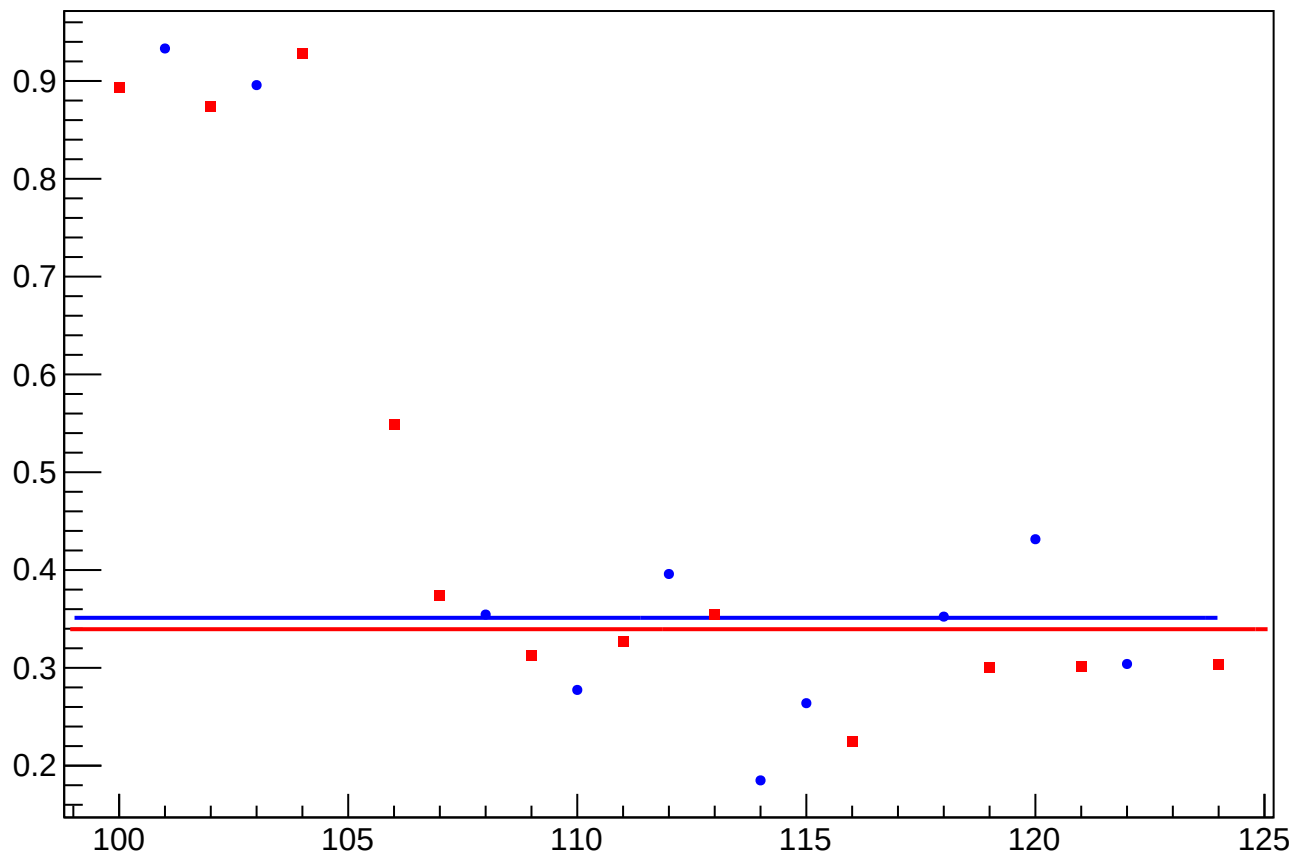
Right: 146.325 $\pm$ 0.000 χ^2 /NDF: 6108782517.7/21

In: 147.302 $\pm$ 0.000 χ^2 /NDF:2134936374.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.325 $\pm$ 0.000 χ^2 /NDF: 6108782517.7

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.351+/-0.000 χ^2/NDF : 1204272.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.340+/-0.000 χ^2/NDF : 1179995.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

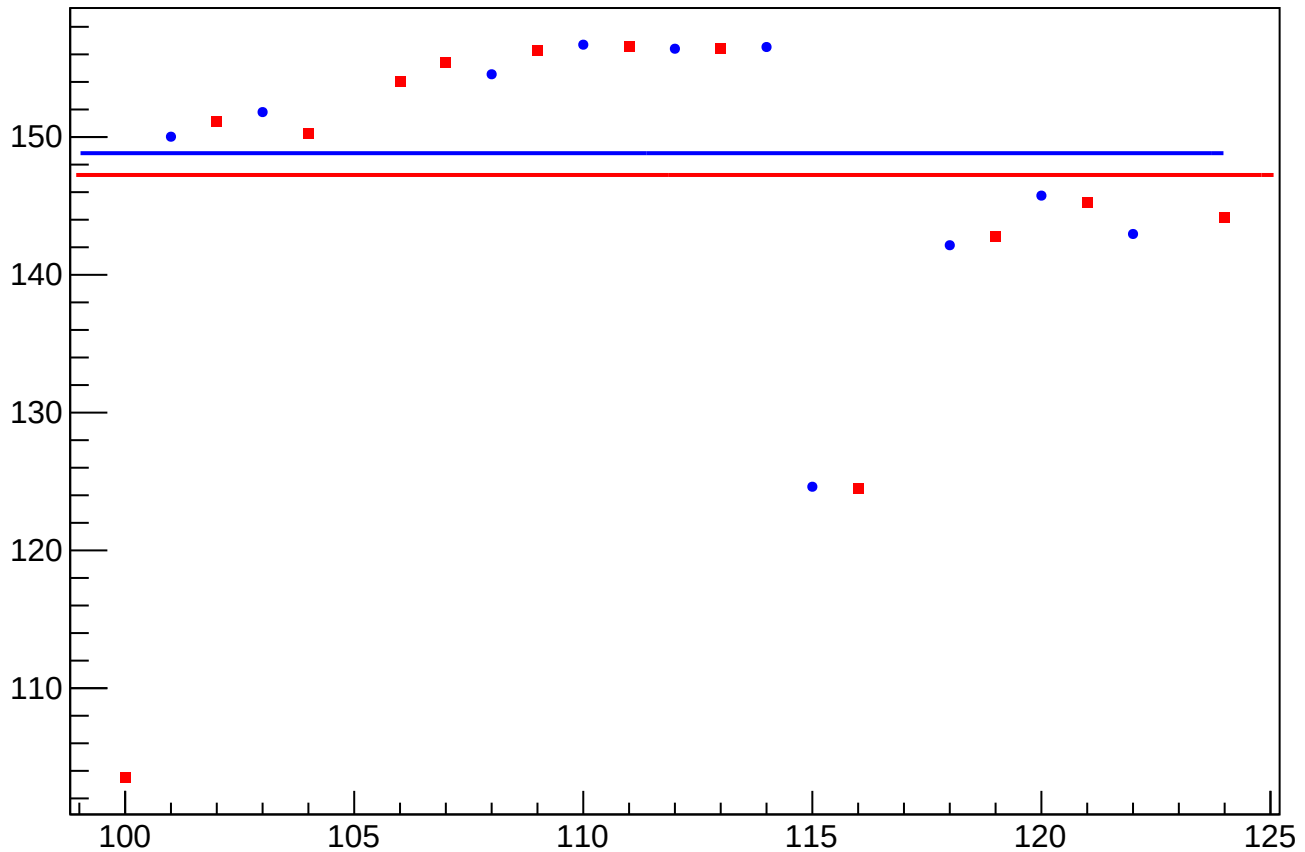
Right: 0.345+/-0.000 χ^2/NDF : 2388073.8/21

In: 0.351+/-0.000 χ^2/NDF : 1204272.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

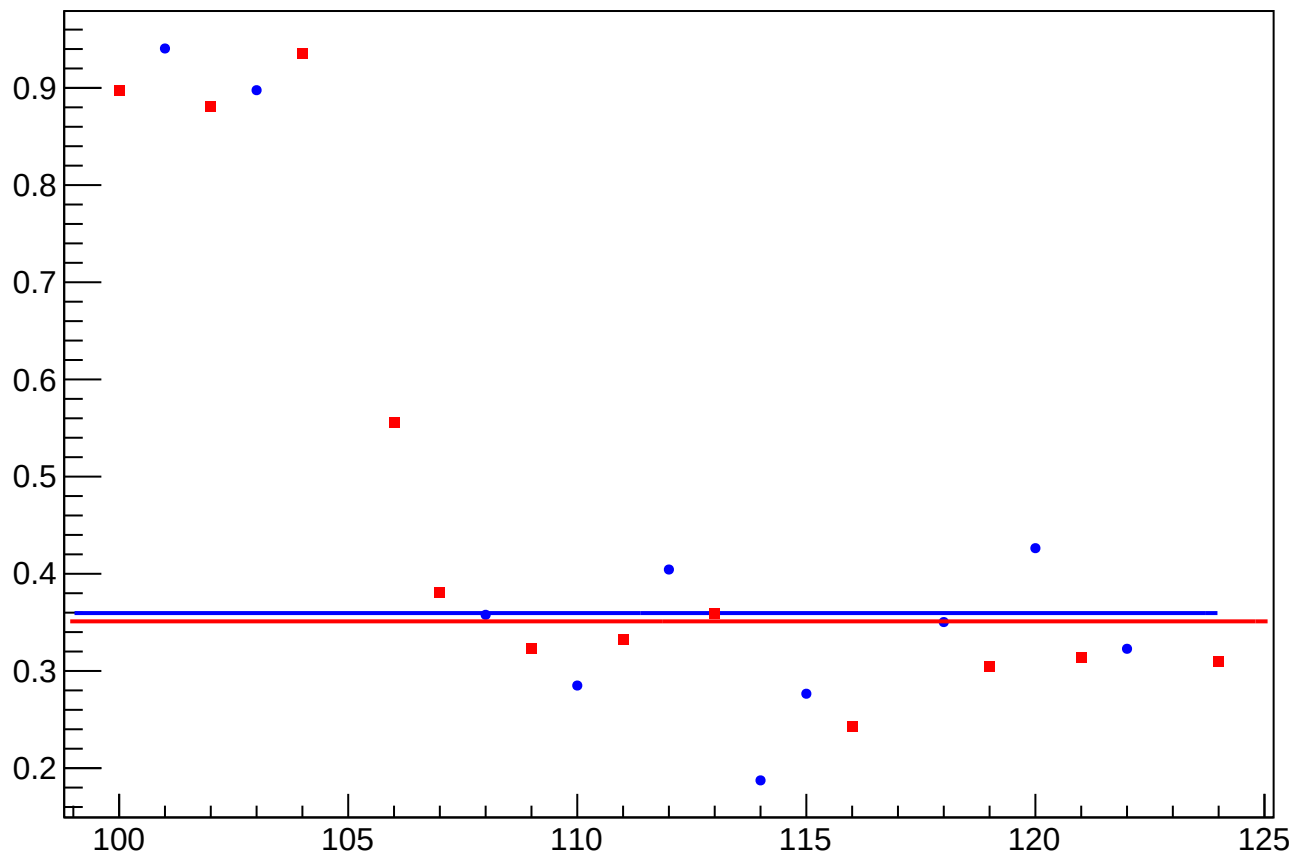
All: 0.345+/-0.000 χ^2/NDF : 2388073.8/21

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 148.829+/-0.000 χ^2/NDF : 1957000561.6/9
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 147.956+/-0.000 χ^2/NDF : 5521945327.5/21
 Right Out: 147.247+/-0.000 χ^2/NDF : 3531582251.2/11
 In: 148.829+/-0.000 χ^2/NDF : 1957000561.6/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 147.956+/-0.000 χ^2/NDF : 5521945327.5

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.360+/-0.000 χ^2/NDF : 1167985.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.351+/-0.000 χ^2/NDF : 1122022.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

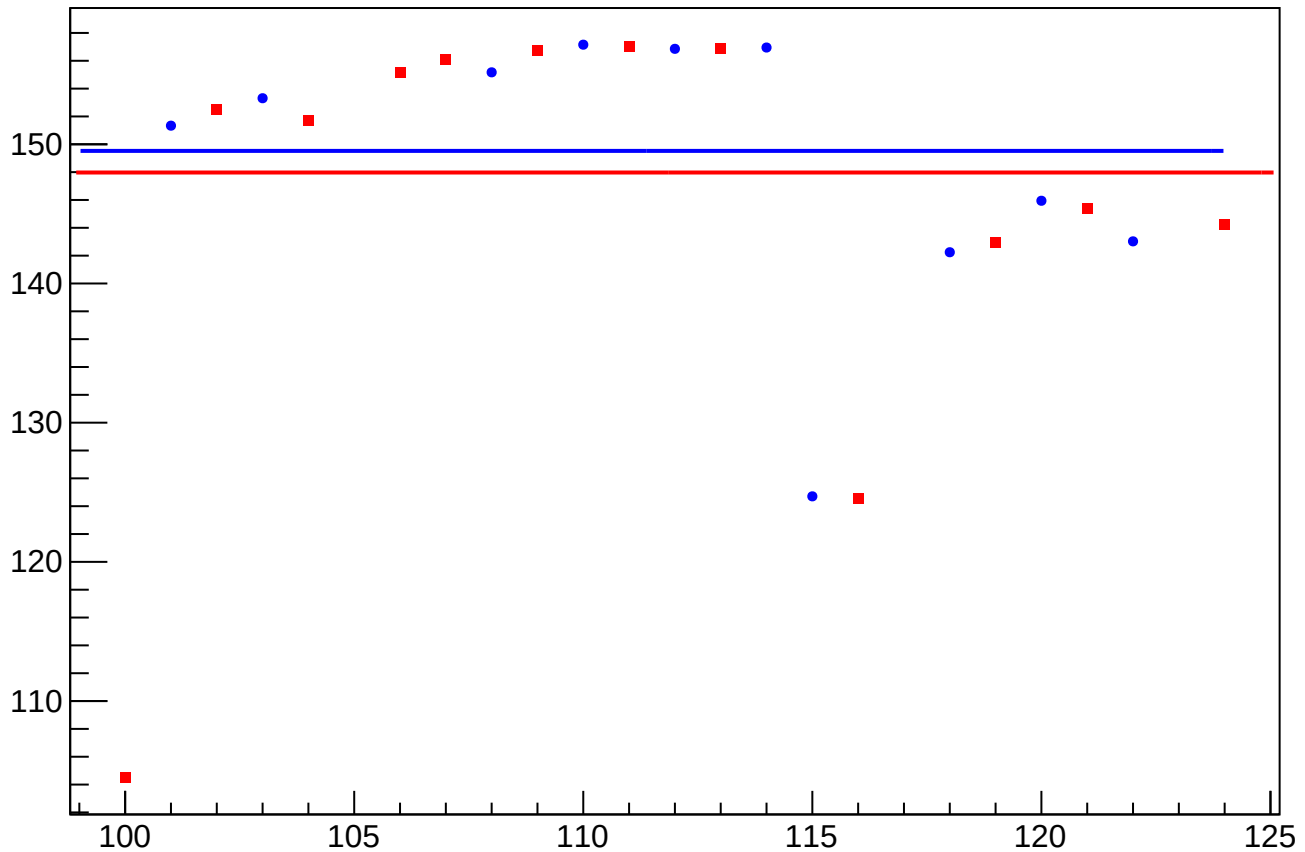
Right: 0.355+/-0.000 χ^2/NDF : 2291944.8/21

In: 0.360+/-0.000 χ^2/NDF : 1167985.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.355+/-0.000 χ^2/NDF : 2291944.8/21

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 149.526+/-0.000 χ^2/NDF : 2001760079.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.973+/-0.000 χ^2/NDF : 3583950774.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

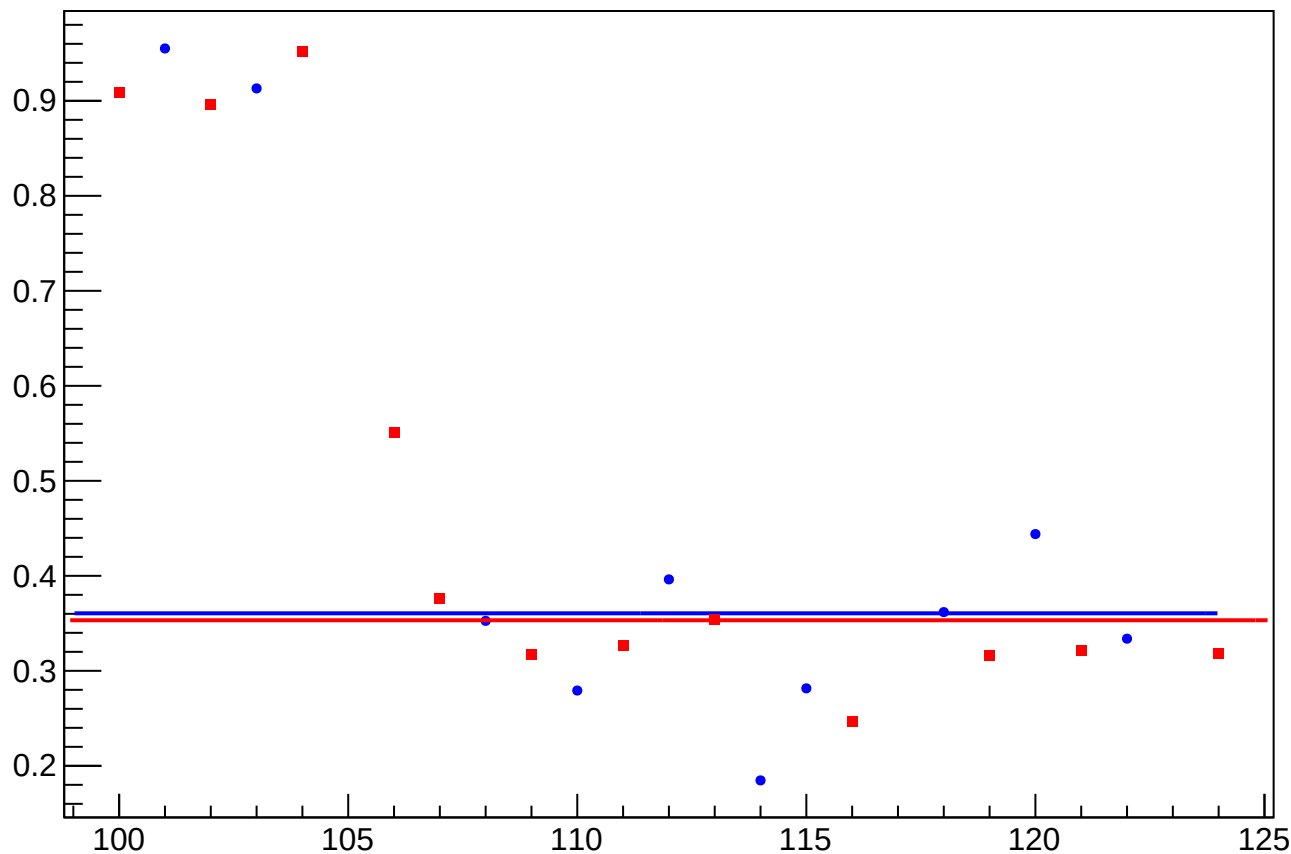
Right: 148.670+/-0.000 χ^2/NDF : 5617525947.4/21

In: 149.526+/-0.000 χ^2/NDF : 2001760079.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.670+/-0.000 χ^2/NDF : 5617525947.4

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.361+/-0.000 χ^2/NDF : 1200191.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.353+/-0.000 χ^2/NDF : 1115910.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

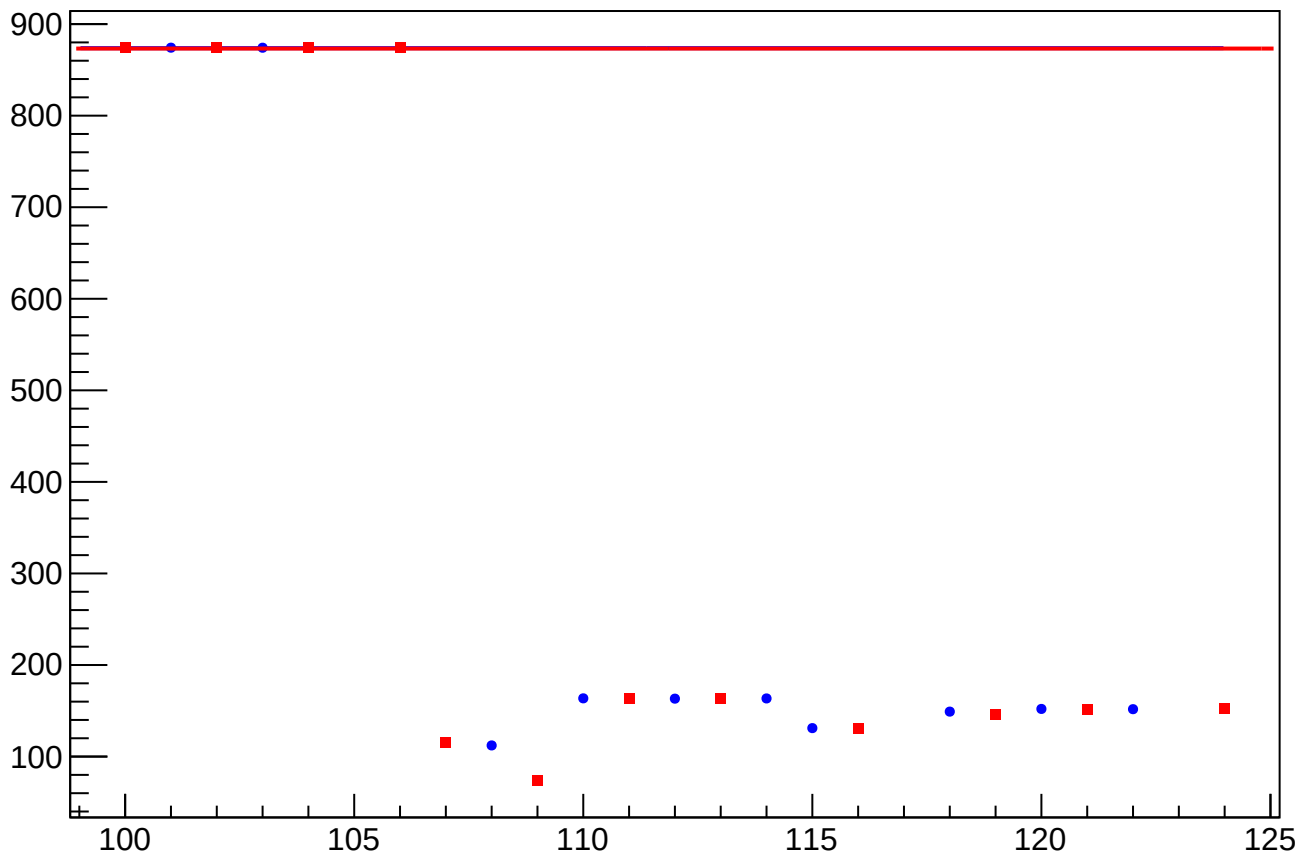
Right: 0.357+/-0.000 χ^2/NDF : 2317513.0/21

In: 0.361+/-0.000 χ^2/NDF :1200191.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

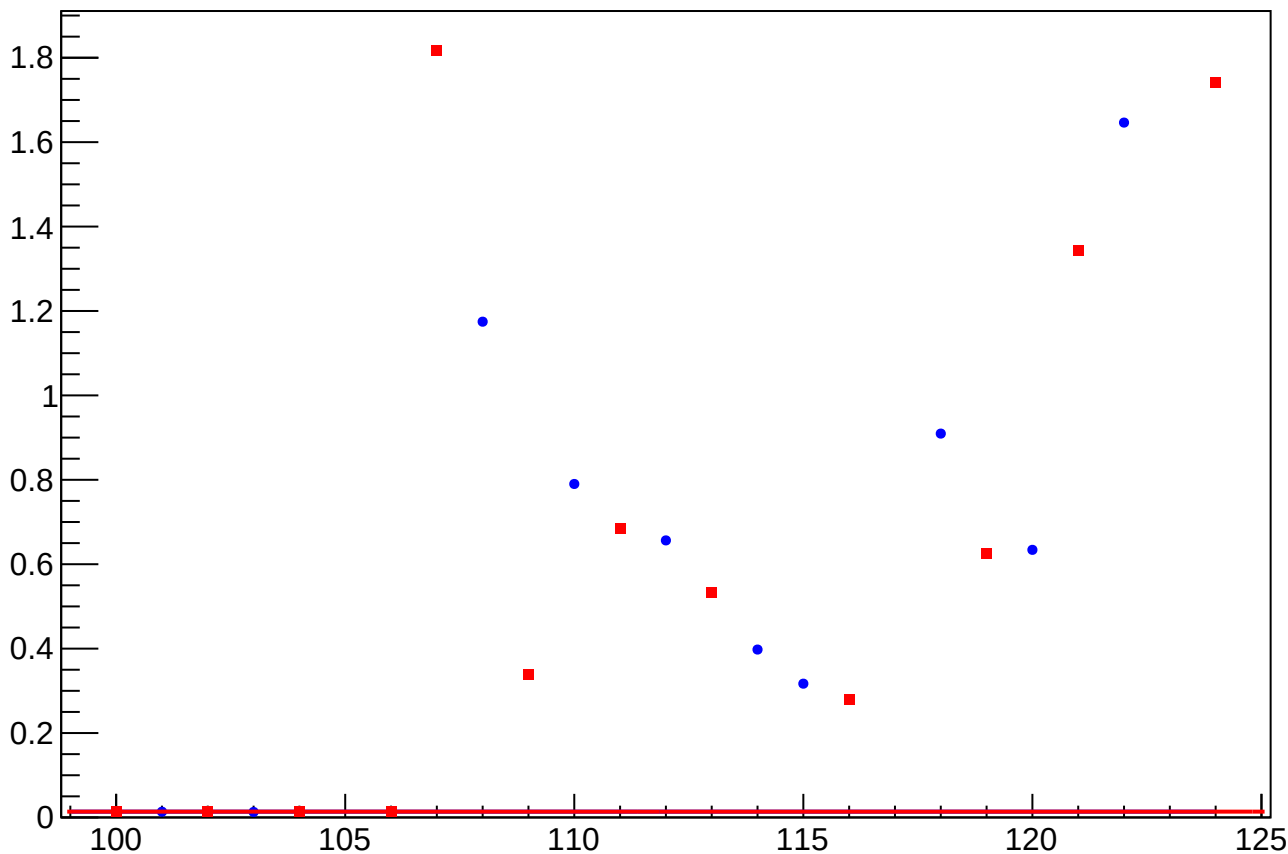
All: 0.357+/-0.000 χ^2/NDF : 2317513.0/21

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.711+/-0.000	χ^2/NDF : 2653996195892.0/9	Left: 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	Right: 873.479+/-0.000	χ^2/NDF : 8268446088546.0/9
Right Out: 873.278+/-0.000	χ^2/NDF : 5613738108662.1/11	In: 873.711+/-0.000	χ^2/NDF : 2653996195892.0/9
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: 873.479+/-0.000	χ^2/NDF : 8268446088546.0/9

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 4553771.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 4737005.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

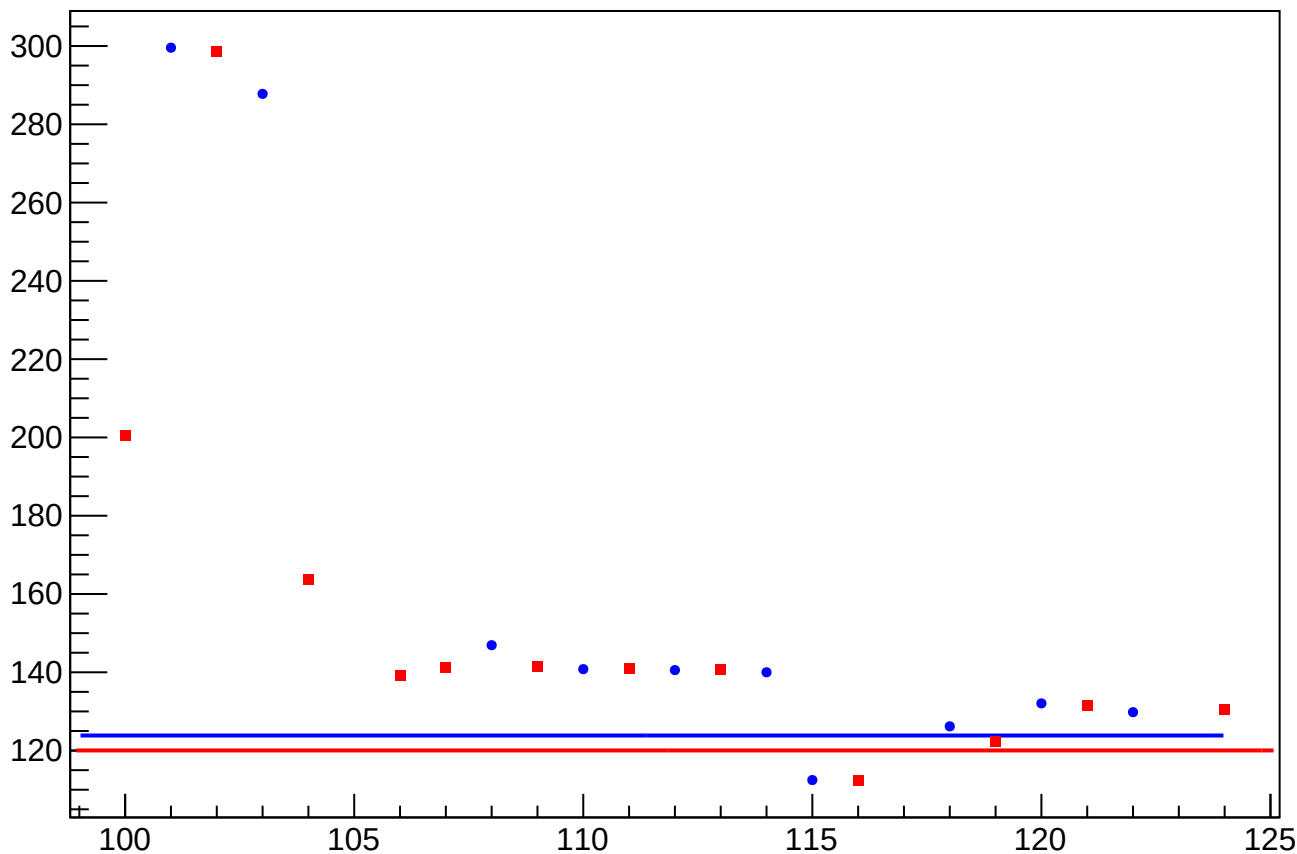
Right: 0.014+/-0.000 χ^2/NDF : 9290796.2/21

In: 0.014+/-0.000 χ^2/NDF :4553771.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

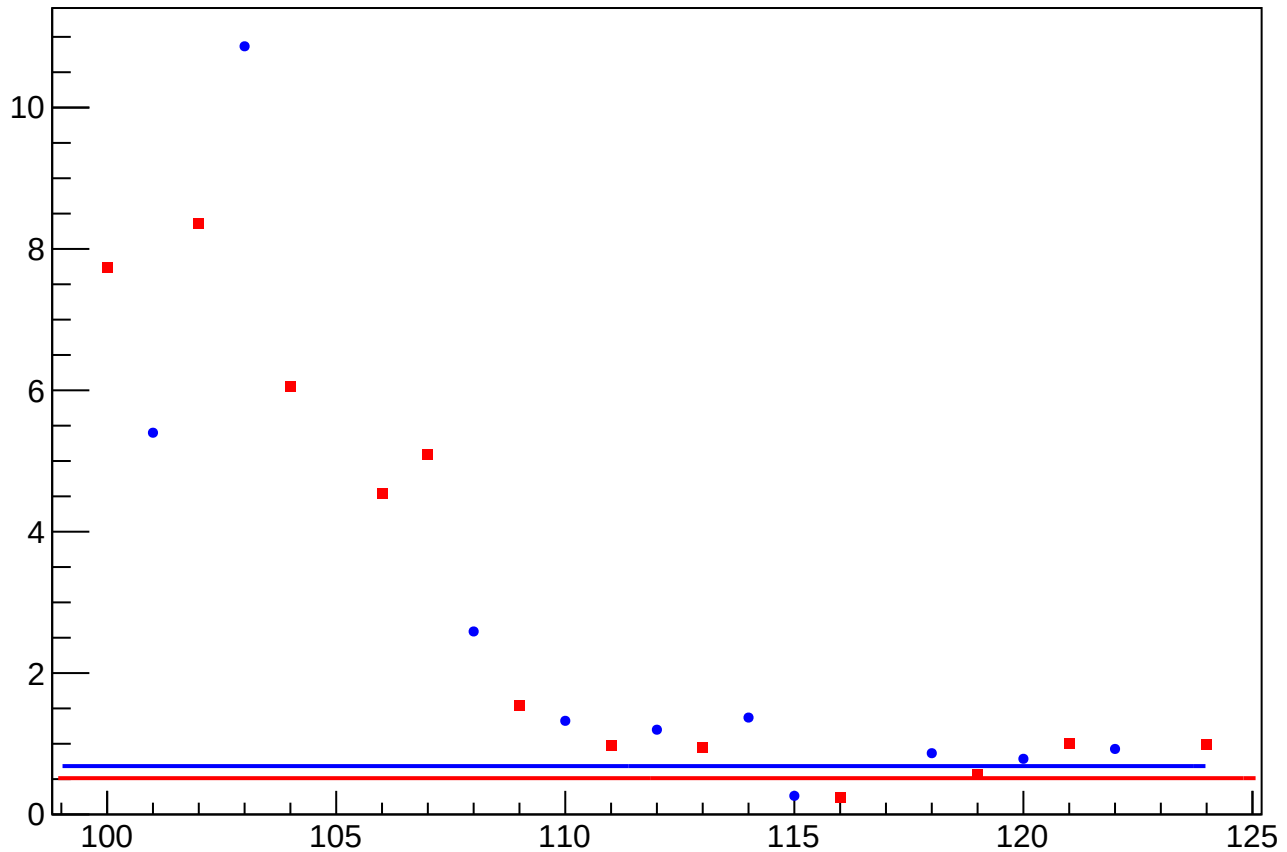
All: 0.014+/-0.000 χ^2/NDF : 9290796.2/21

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 123.852 $\pm$ 0.001 χ^2 /NDF: 1222190049.3/9
 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: 121.445 $\pm$ 0.000 χ^2 /NDF: 2307579790.8/21
 Right Out: 120.036 $\pm$ 0.000 χ^2 /NDF: 1049274557.5/11
 In: 123.852 $\pm$ 0.001 χ^2 /NDF: 1222190049.3/9
 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: 121.445 $\pm$ 0.000 χ^2 /NDF: 2307579790.8

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.684+/-0.000 χ^2/NDF : 3428236.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.513+/-0.000 χ^2/NDF : 4239645.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

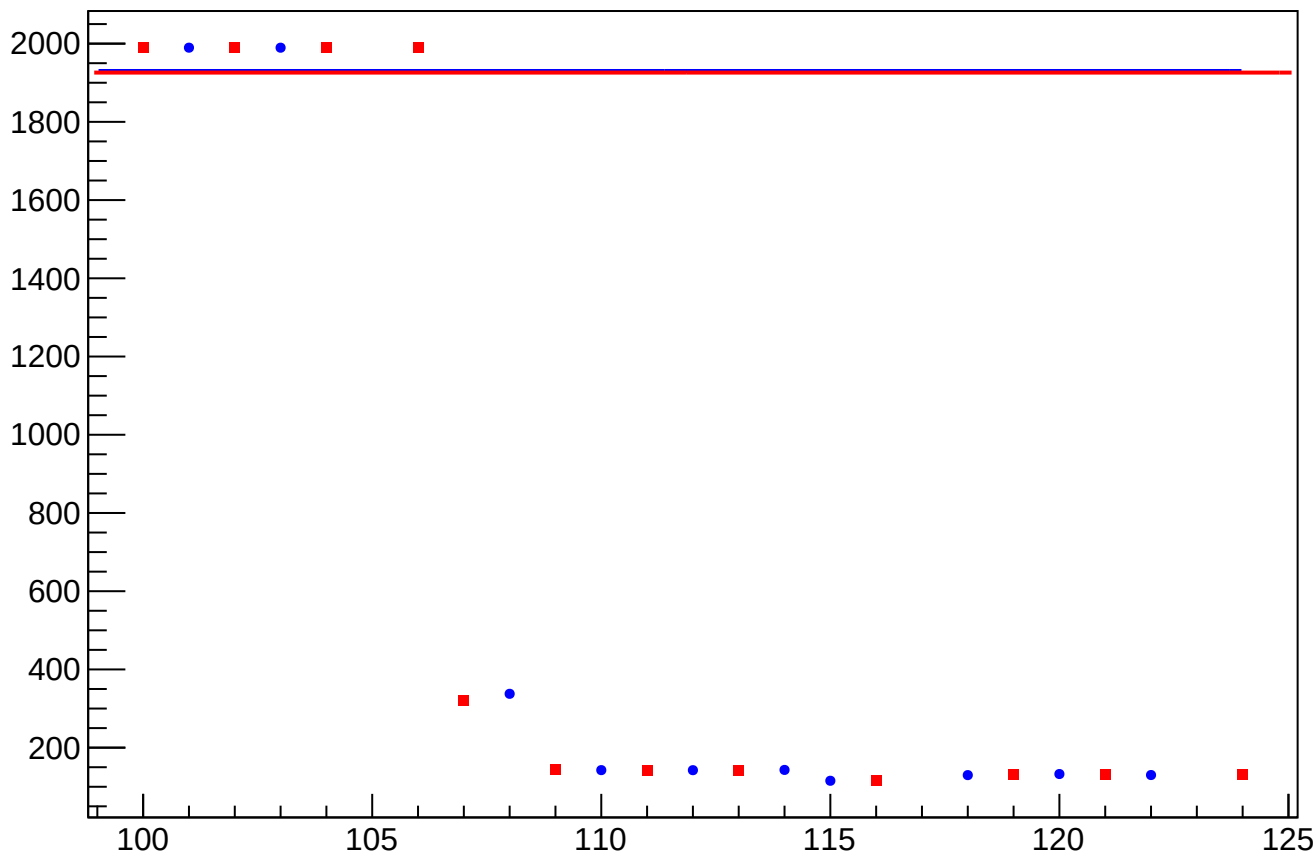
Right: 0.576+/-0.000 χ^2/NDF : 7812592.6/21

In: 0.684+/-0.000 χ^2/NDF : 3428236.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

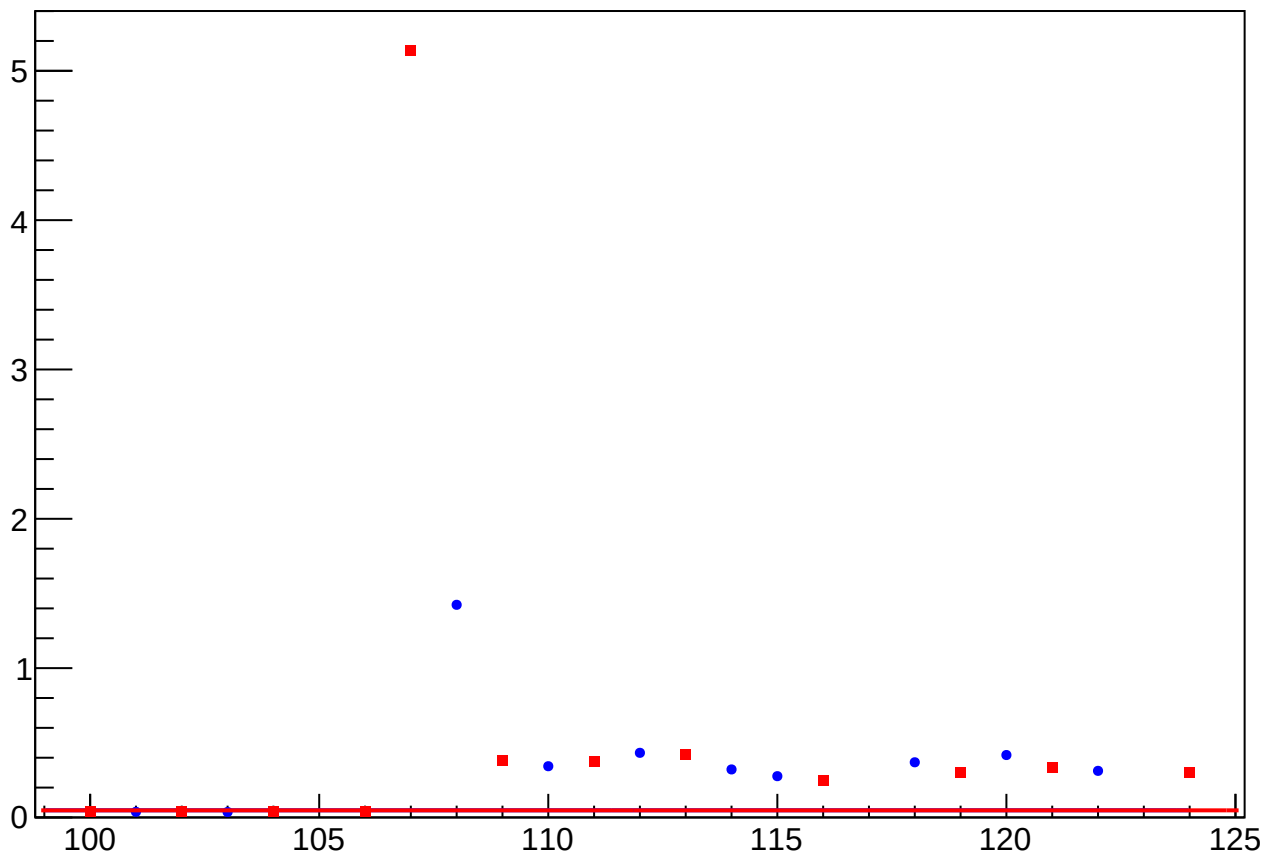
All: 0.576+/-0.000 χ^2/NDF : 7812592.6/21

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1930.044+/-0.000 χ^2/NDF : 57970222006224.5/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1925.965+/-0.000 χ^2/NDF : 73492185638801.8/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1927.829+/-0.000 χ^2/NDF : 13146729971746

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.048+/-0.000 χ^2/NDF : 4034504.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.048+/-0.000 χ^2/NDF : 4054177.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

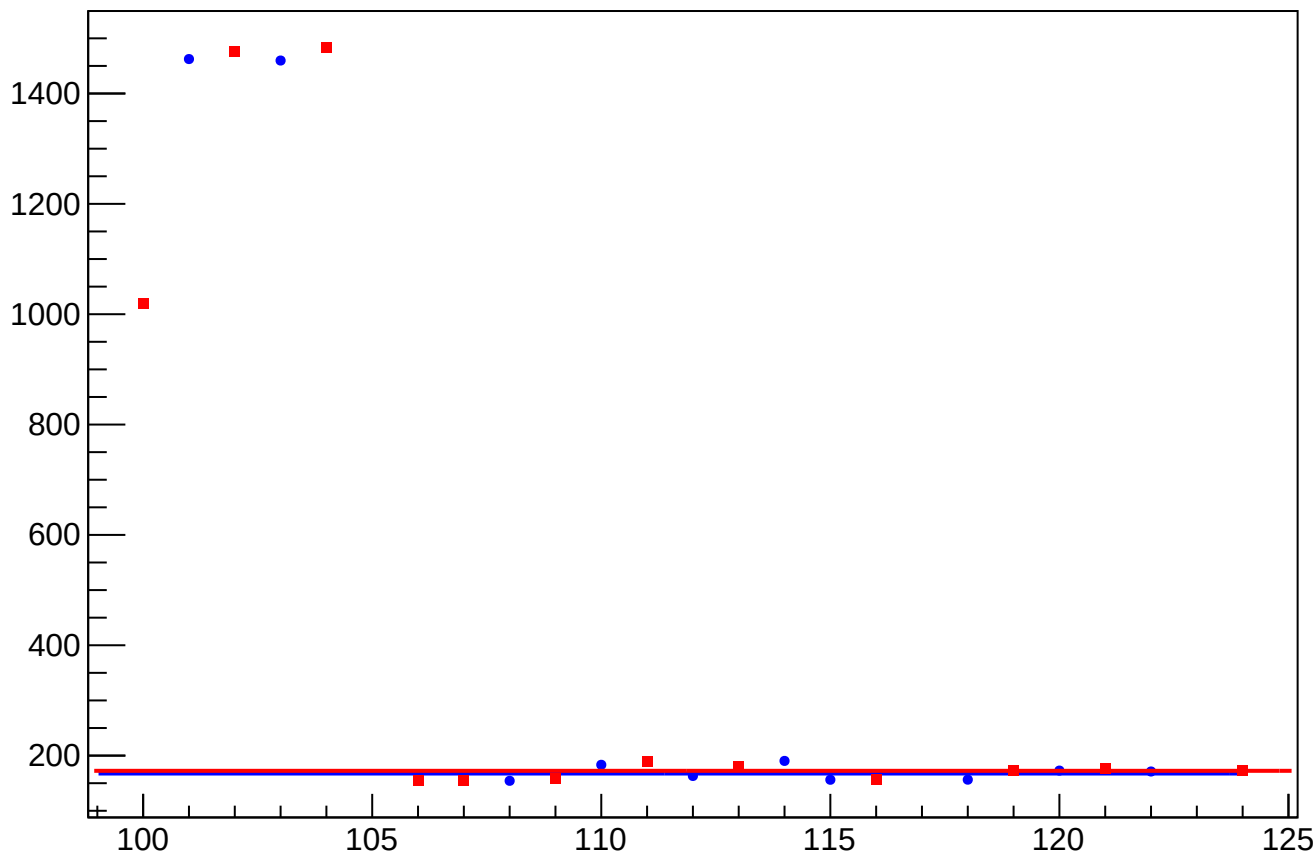
Right: 0.048+/-0.000 χ^2/NDF : 8088807.4/21

In: 0.048+/-0.000 χ^2/NDF :4034504.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

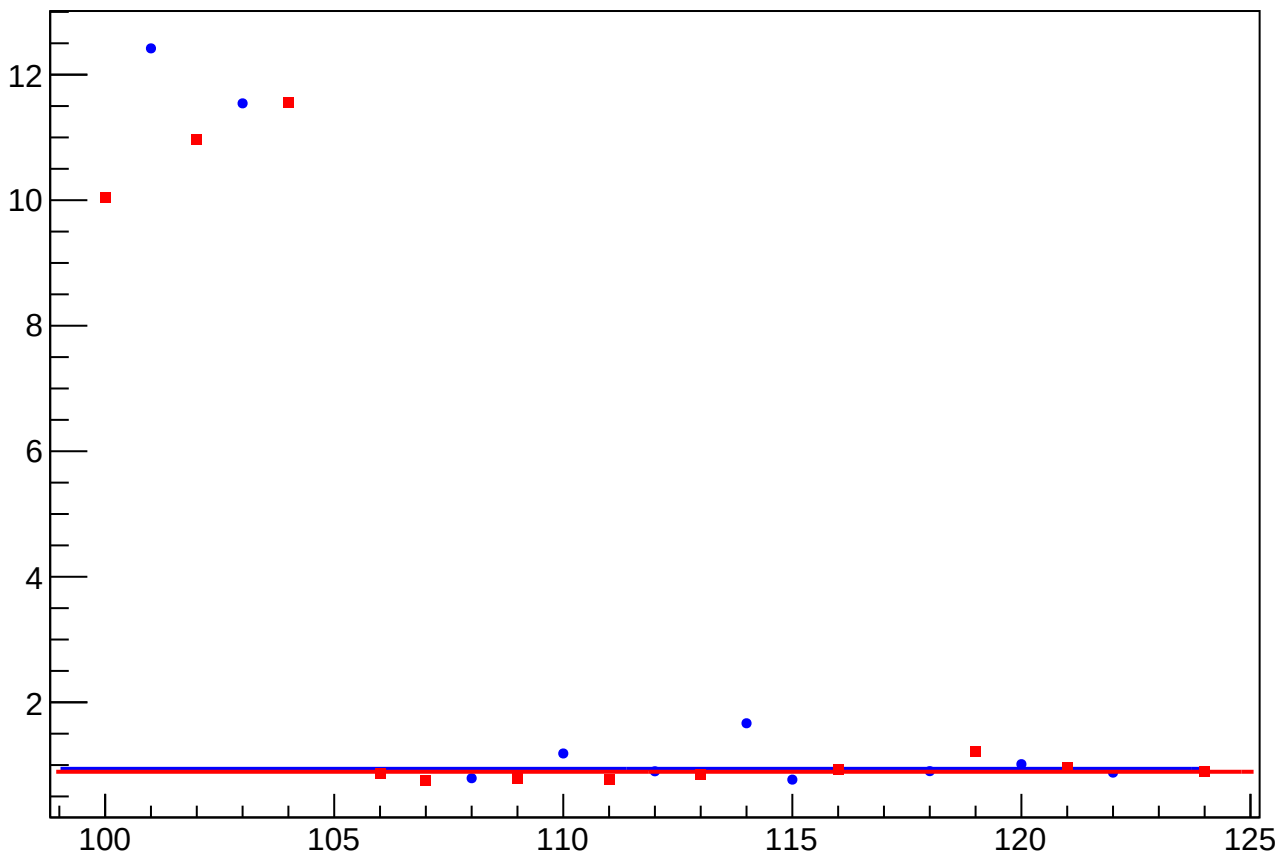
All: 0.048+/-0.000 χ^2/NDF : 8088807.4/21

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 167.552+/-0.001 χ^2/NDF : 14338018331.8/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 172.432+/-0.001 χ^2/NDF : 16040932291.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 170.267+/-0.000 χ^2/NDF : 30411680996.8/21
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 170.267+/-0.000 χ^2/NDF : 30411680996.8/21
 In: 167.552+/-0.001 χ^2/NDF : 14338018331.8/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.940+/-0.000 χ^2/NDF : 2144281.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.893+/-0.000 χ^2/NDF : 2092341.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

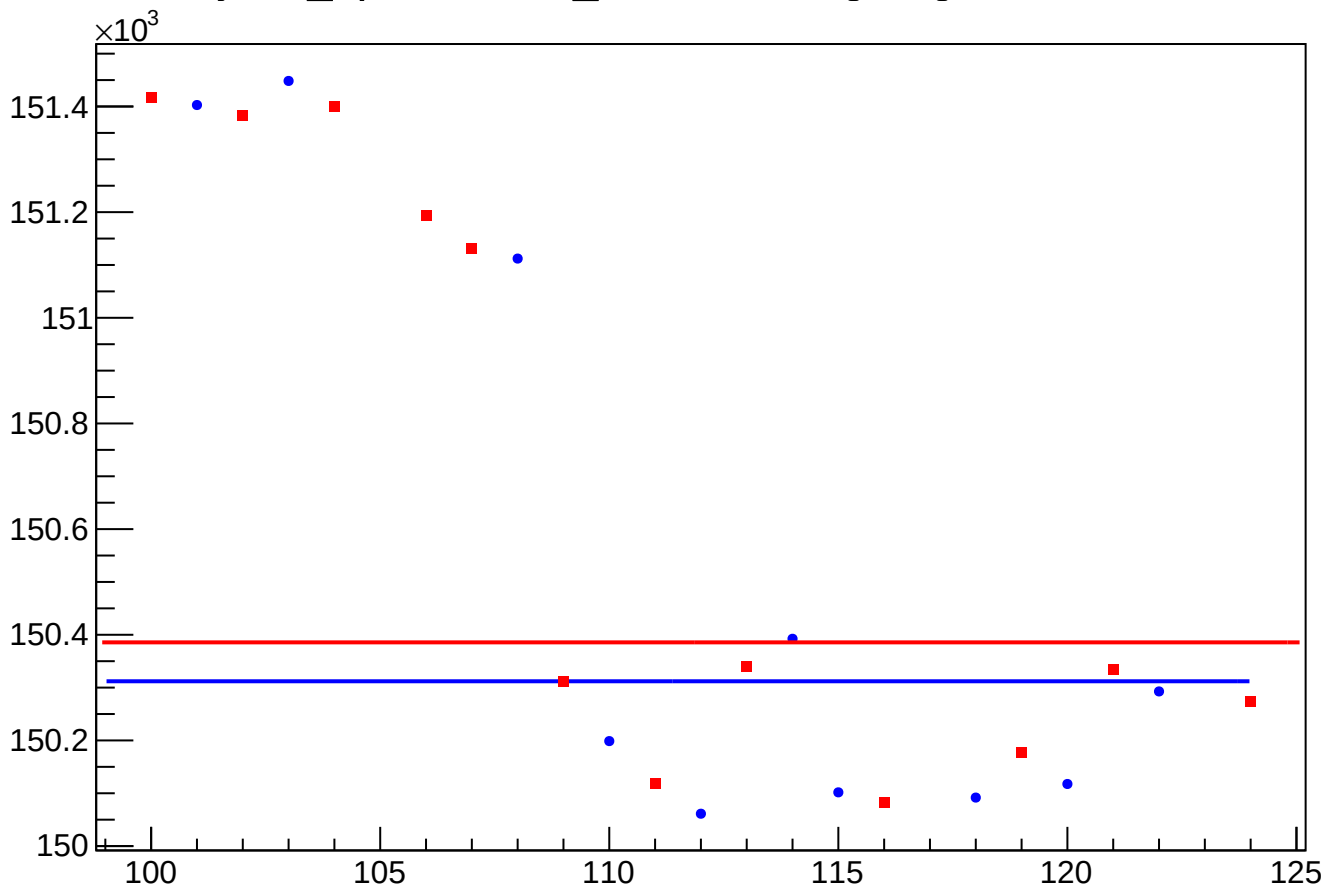
Right: 0.914+/-0.000 χ^2/NDF : 4242572.7/21

In: 0.940+/-0.000 χ^2/NDF : 2144281.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.914+/-0.000 χ^2/NDF : 4242572.7/21

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150311.984+/-0.068 χ^2 /NDF: 33125297.9/9

Right: 150352.750+/-0.045 χ^2 /NDF: 68882078.9/21

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 150385.626+/-0.061 χ^2 /NDF: 35108440.9/11

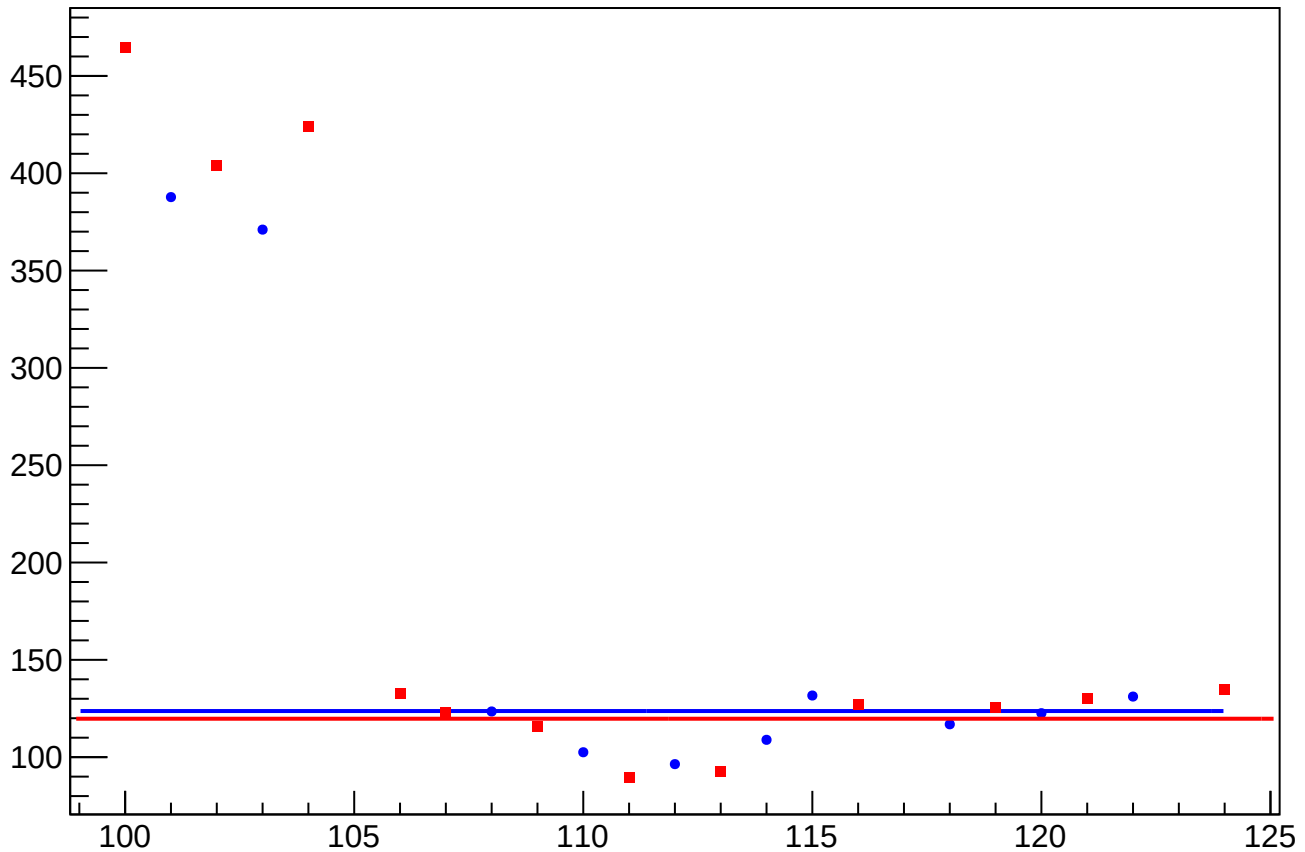
In: 150311.984+/-0.068 χ^2 /NDF: 33125297.9/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 150352.750+/-0.045 χ^2 /NDF: 68882078.9/21

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 123.695+/-0.048 χ^2/NDF : 1224442.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.745+/-0.043 χ^2/NDF : 1445447.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

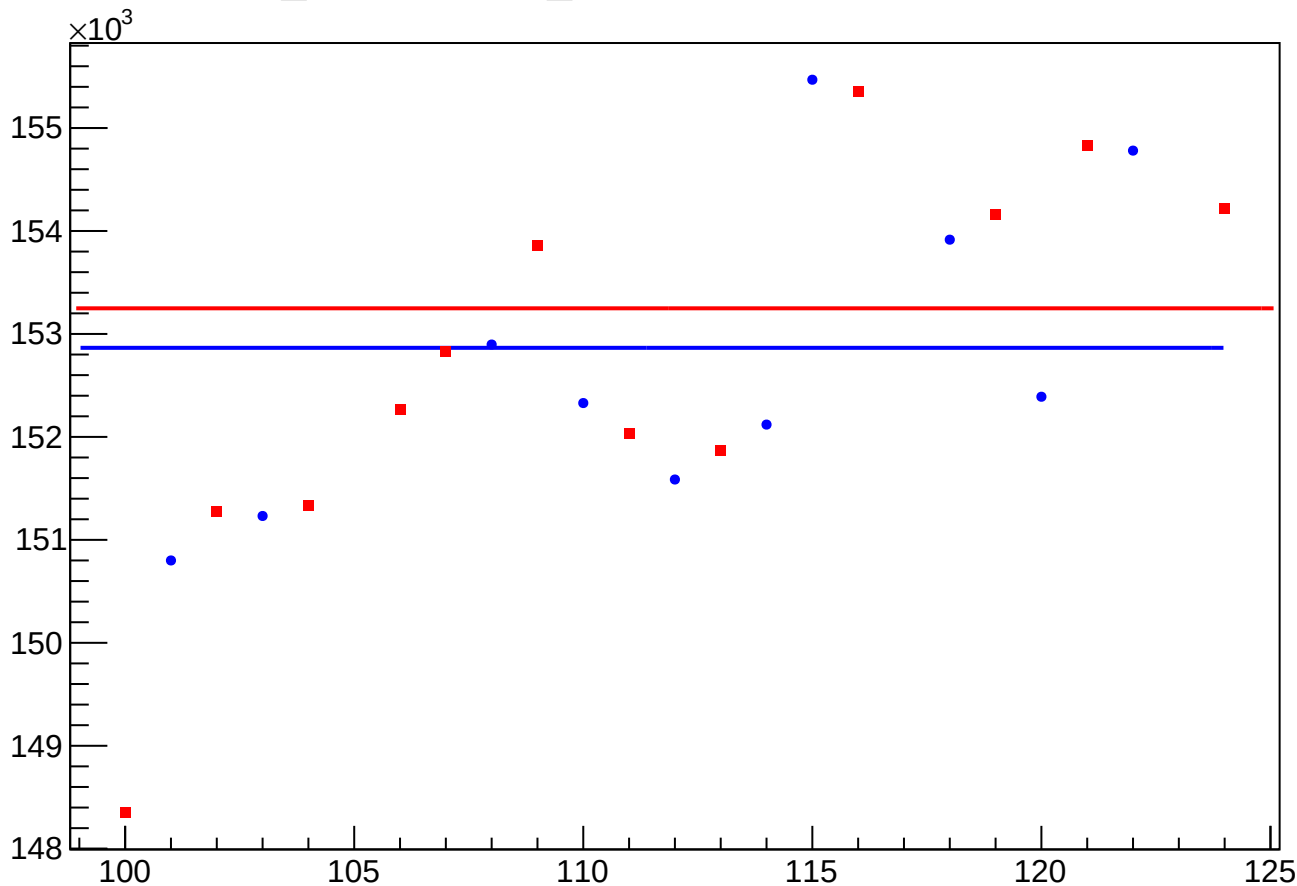
Right: 121.508+/-0.032 χ^2/NDF : 2673621.1/21

In: 123.695+/-0.048 χ^2/NDF : 1224442.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

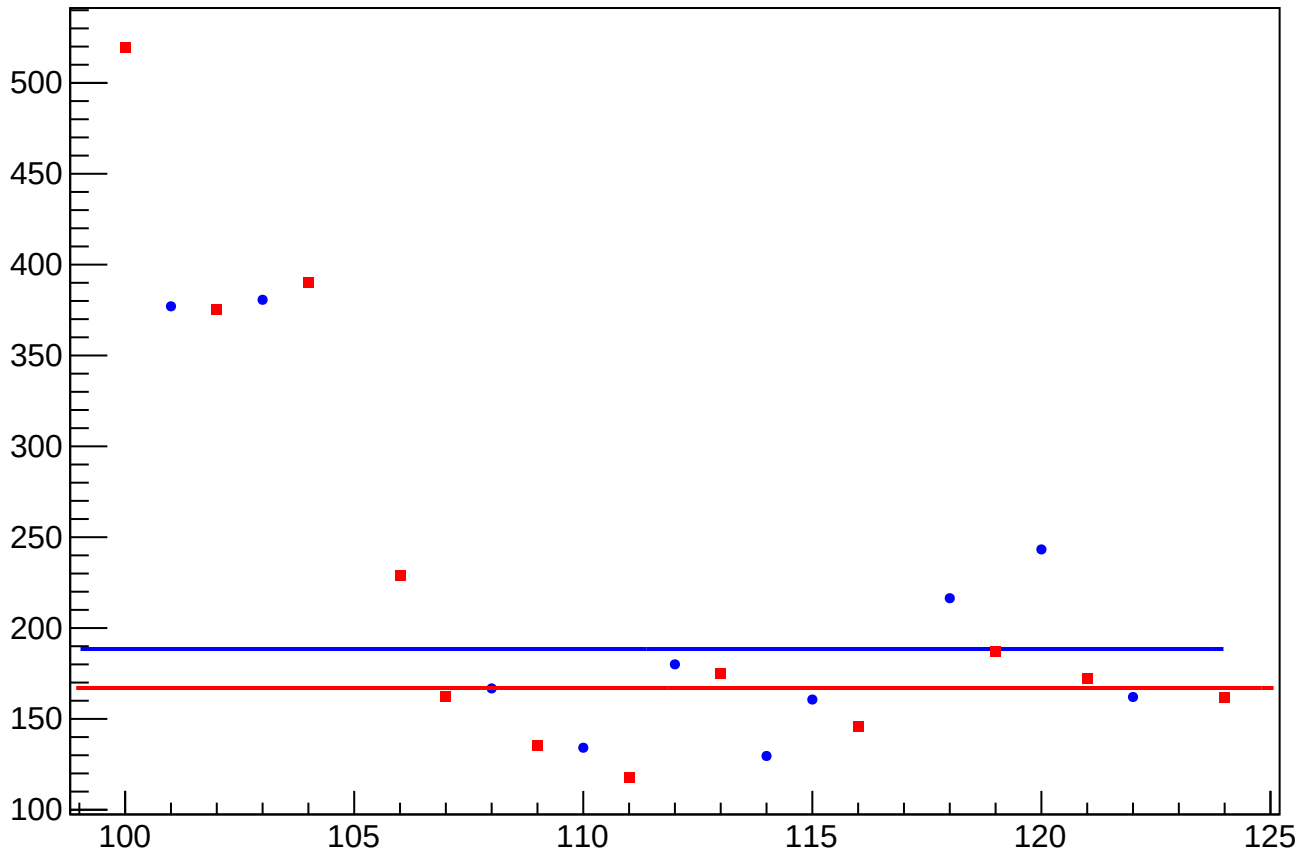
All: 121.508+/-0.032 χ^2/NDF : 2673621.1/21

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 152865.221+/-0.104 χ^2 /NDF: 151047025.9/9
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 153248.919+/-0.086 χ^2 /NDF: 216838693.1/11
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 153092.991+/-0.066 χ^2 /NDF: 375931127.5/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 188.470+/-0.074 χ^2/NDF : 873210.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.019+/-0.061 χ^2/NDF : 1063243.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

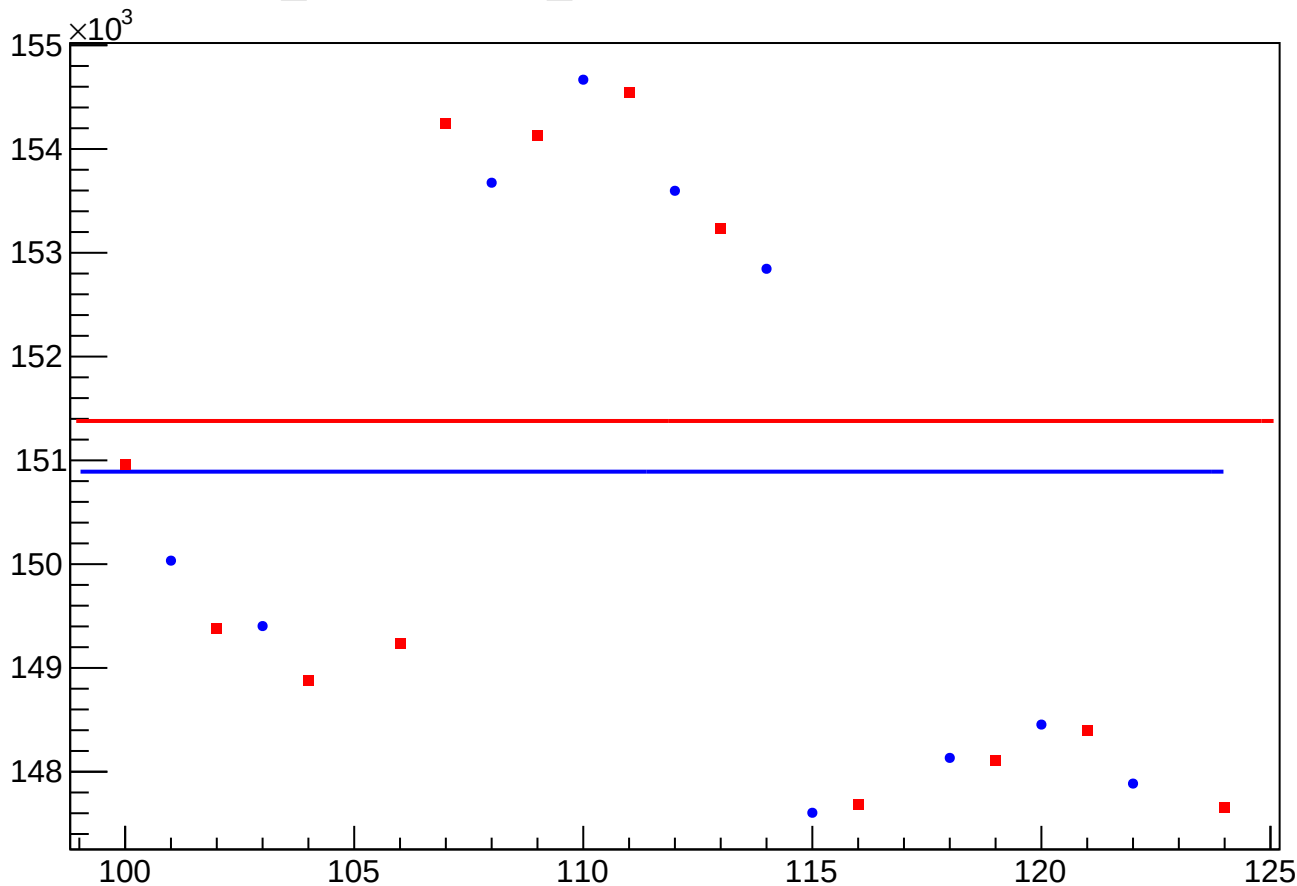
Right: 175.736+/-0.047 χ^2/NDF : 1986748.2/21

In: 188.470+/-0.074 χ^2/NDF : 873210.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.736+/-0.047 χ^2/NDF : 1986748.2/21

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150891.211+/-0.080 χ^2 /NDF: 1270070994.3/9

Right: 151154.934+/-0.054 χ^2 /NDF: 2831699204.7/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

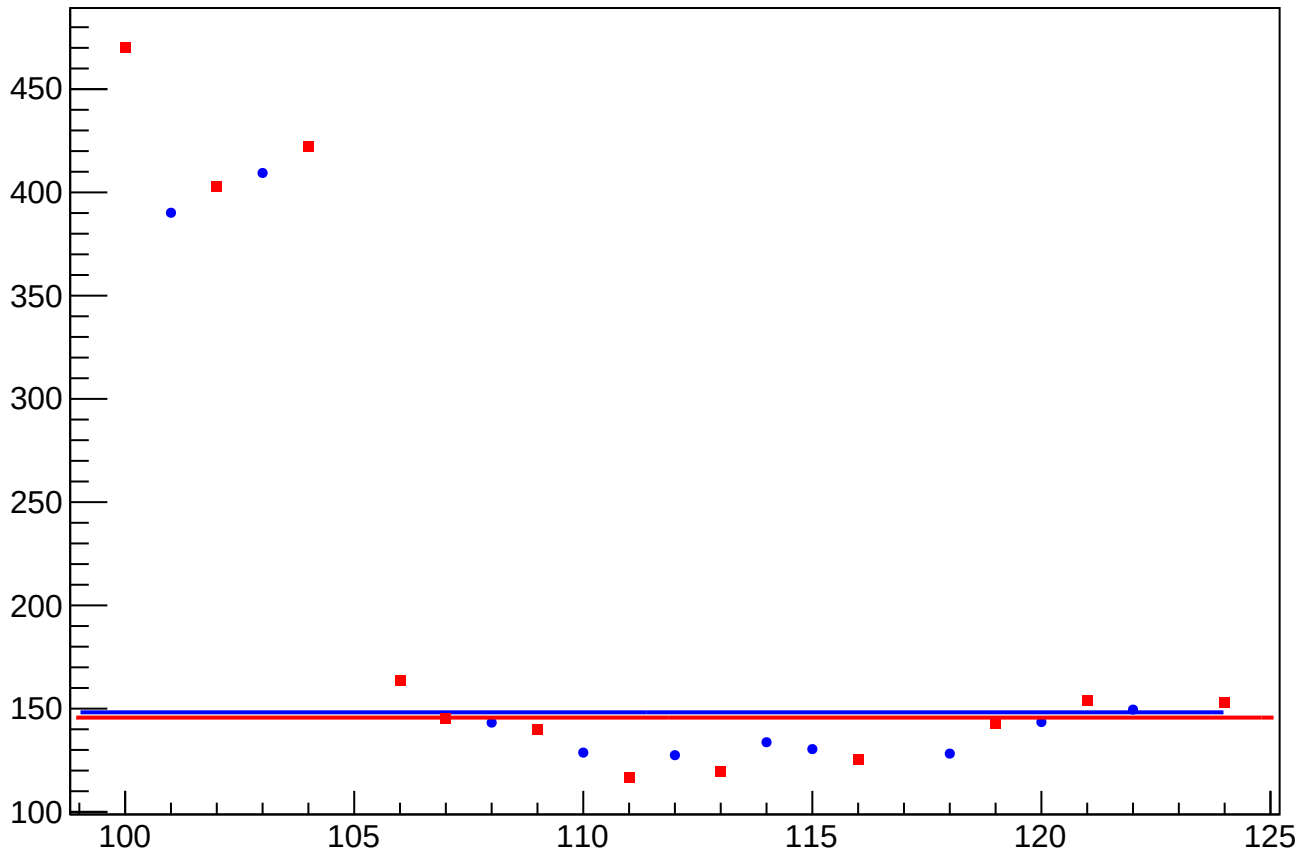
Right Out: 151379.560+/-0.074 χ^2 /NDF: 1541621404.5/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 151154.934+/-0.054 χ^2 /NDF: 2831699204.7/11

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 148.208+/-0.057 χ^2/NDF : 1068854.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.661+/-0.052 χ^2/NDF : 1159049.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

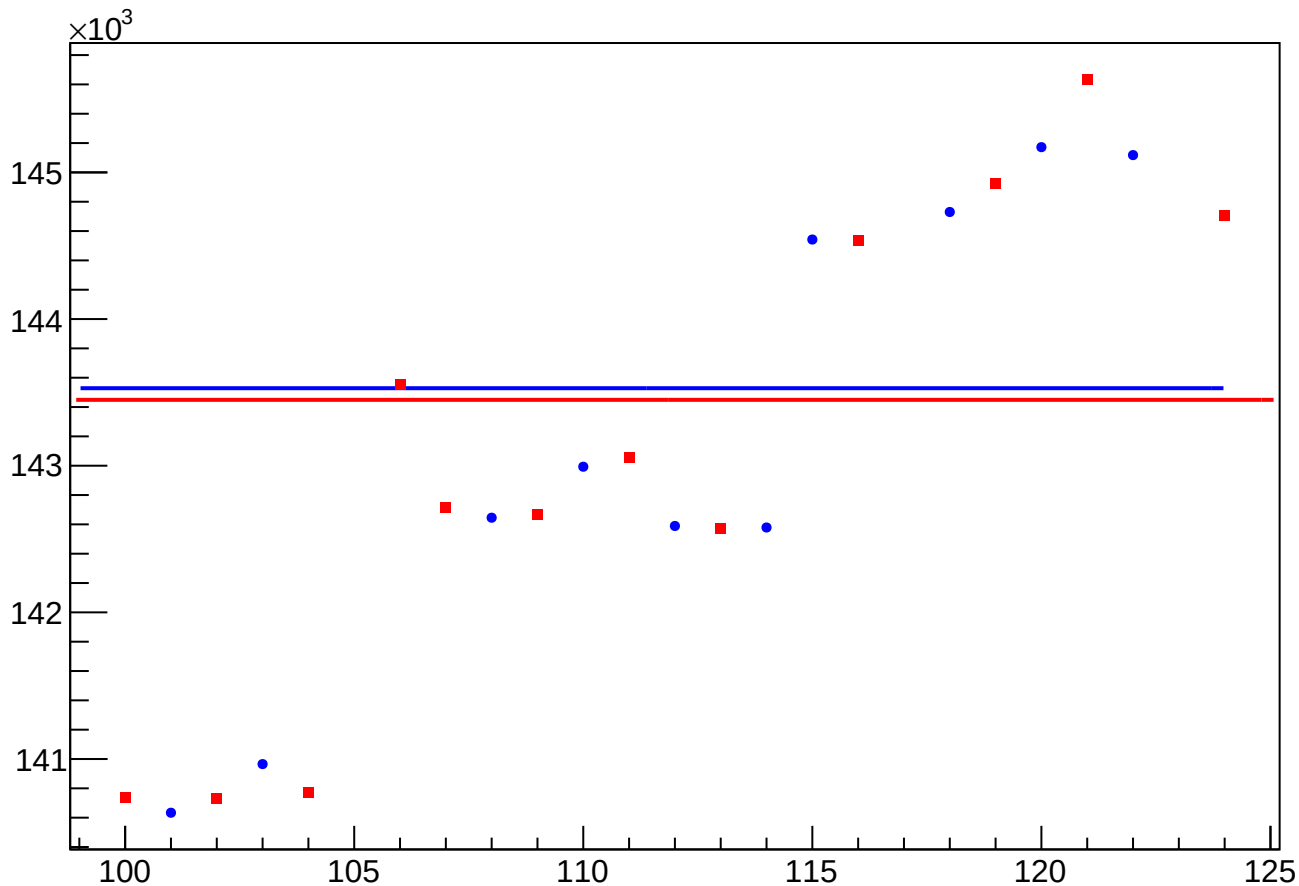
Right: 146.832+/-0.038 χ^2/NDF : 2228993.2/21

In: 148.208+/-0.057 χ^2/NDF : 1068854.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

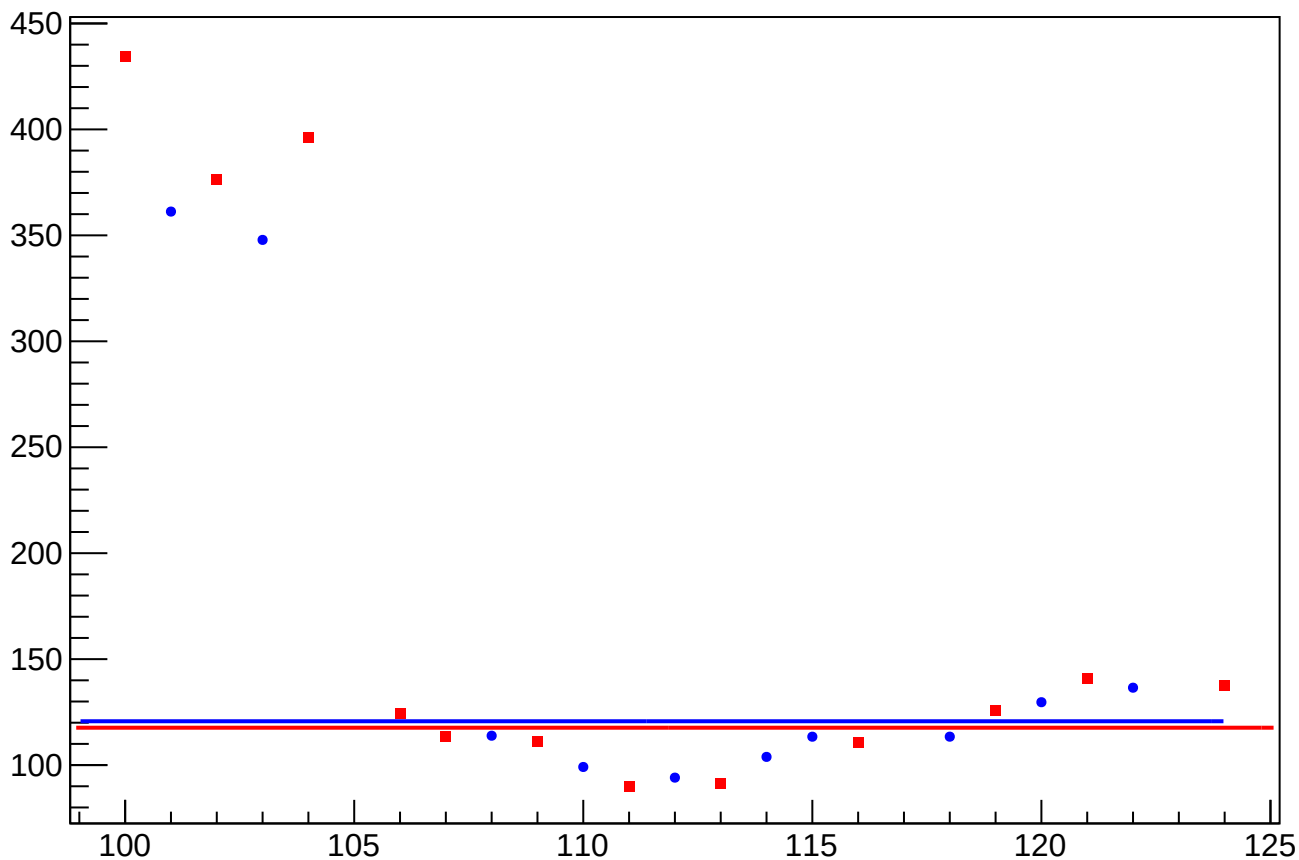
All: 146.832+/-0.038 χ^2/NDF : 2228993.2/21

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143528.472 $\pm$ 0.066 χ^2 /NDF: 338046107.1/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 143449.173 $\pm$ 0.060 χ^2 /NDF: 362061741.7/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 143484.759 $\pm$ 0.044 χ^2 /NDF: 700896018.8/20
 In: 143528.472 $\pm$ 0.066 χ^2 /NDF:338046107.1/9
 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: 143484.759 $\pm$ 0.044 χ^2 /NDF: 700896018.8/20

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 120.687 $\pm$ 0.047 χ^2 /NDF: 1200377.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.638 $\pm$ 0.042 χ^2 /NDF: 1397450.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

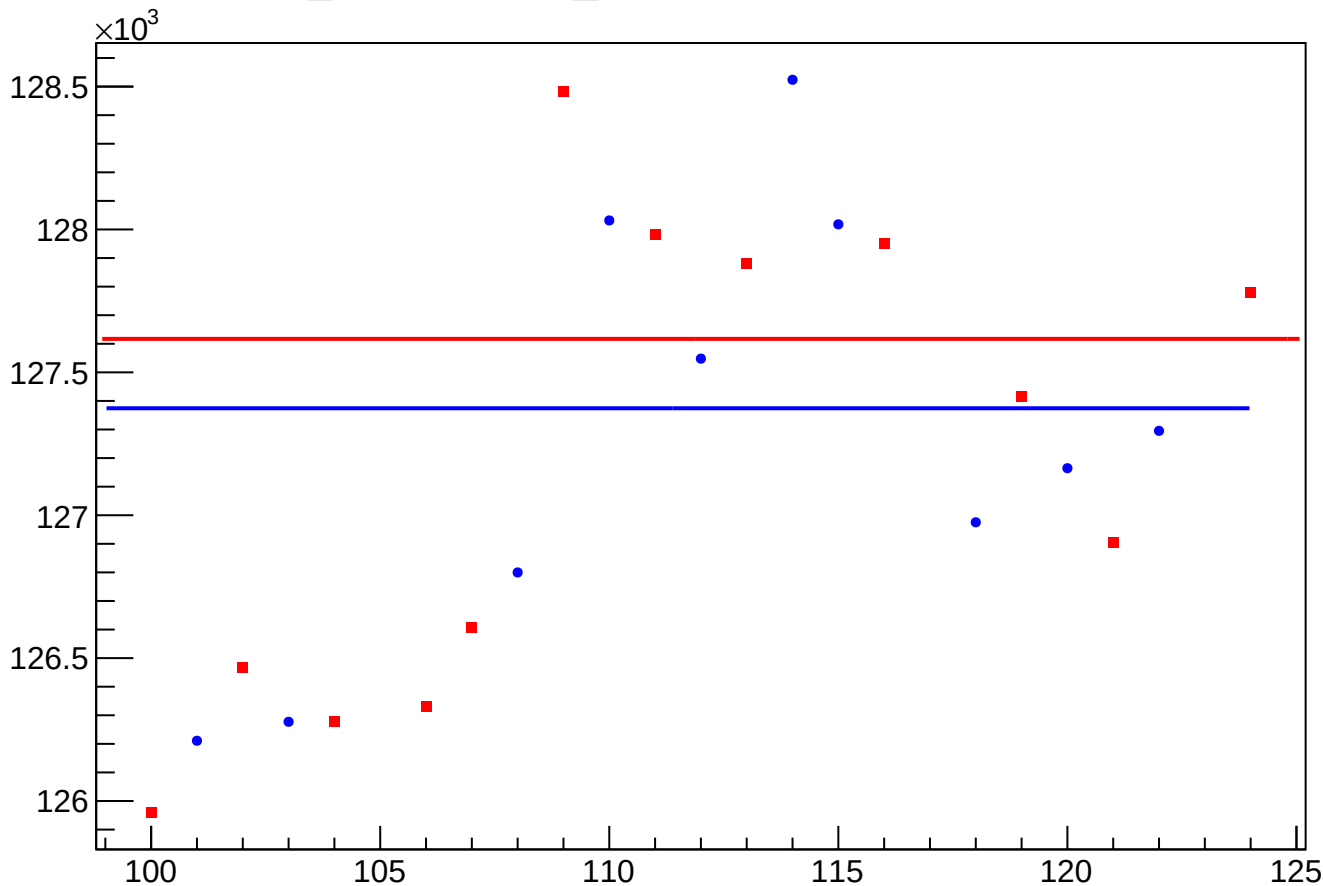
Right: 119.006 $\pm$ 0.031 χ^2 /NDF: 2600157.4/21

In: 120.687 $\pm$ 0.047 χ^2 /NDF:1200377.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

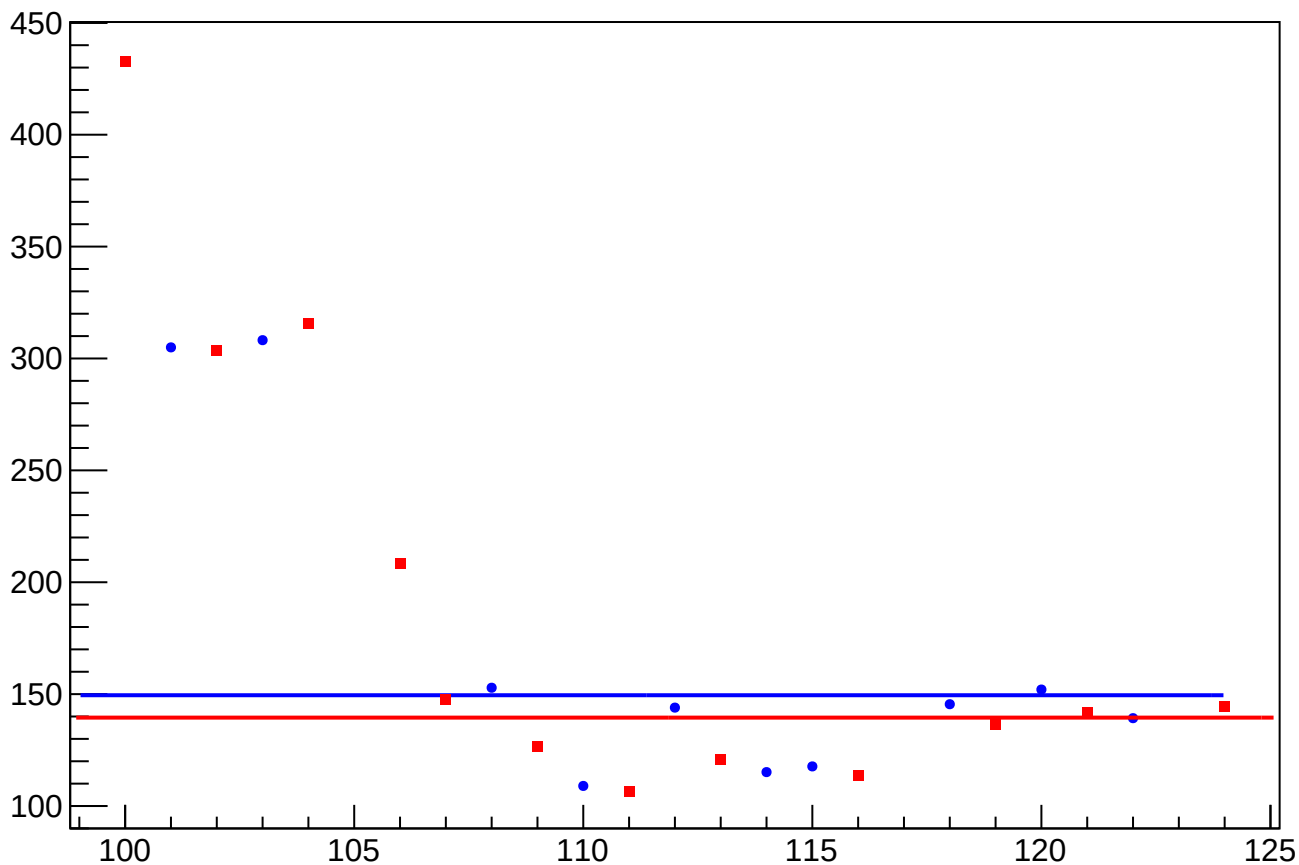
All: 119.006 $\pm$ 0.031 χ^2 /NDF: 2600157.4/21

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127374.357 $\pm$ 0.080 χ^2 /NDF: 55560365.0/9
 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: 127512.306 $\pm$ 0.052 χ^2 /NDF: 146833525.4/2
 Right Out: 127617.141 $\pm$ 0.070 χ^2 /NDF: 86018744.3/11
 In: 127374.357 $\pm$ 0.080 χ^2 /NDF: 55560365.0/9
 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: 127512.306 $\pm$ 0.052 χ^2 /NDF: 146833525.4/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 149.507+/-0.056 χ^2/NDF : 803420.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.505+/-0.049 χ^2/NDF : 969557.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

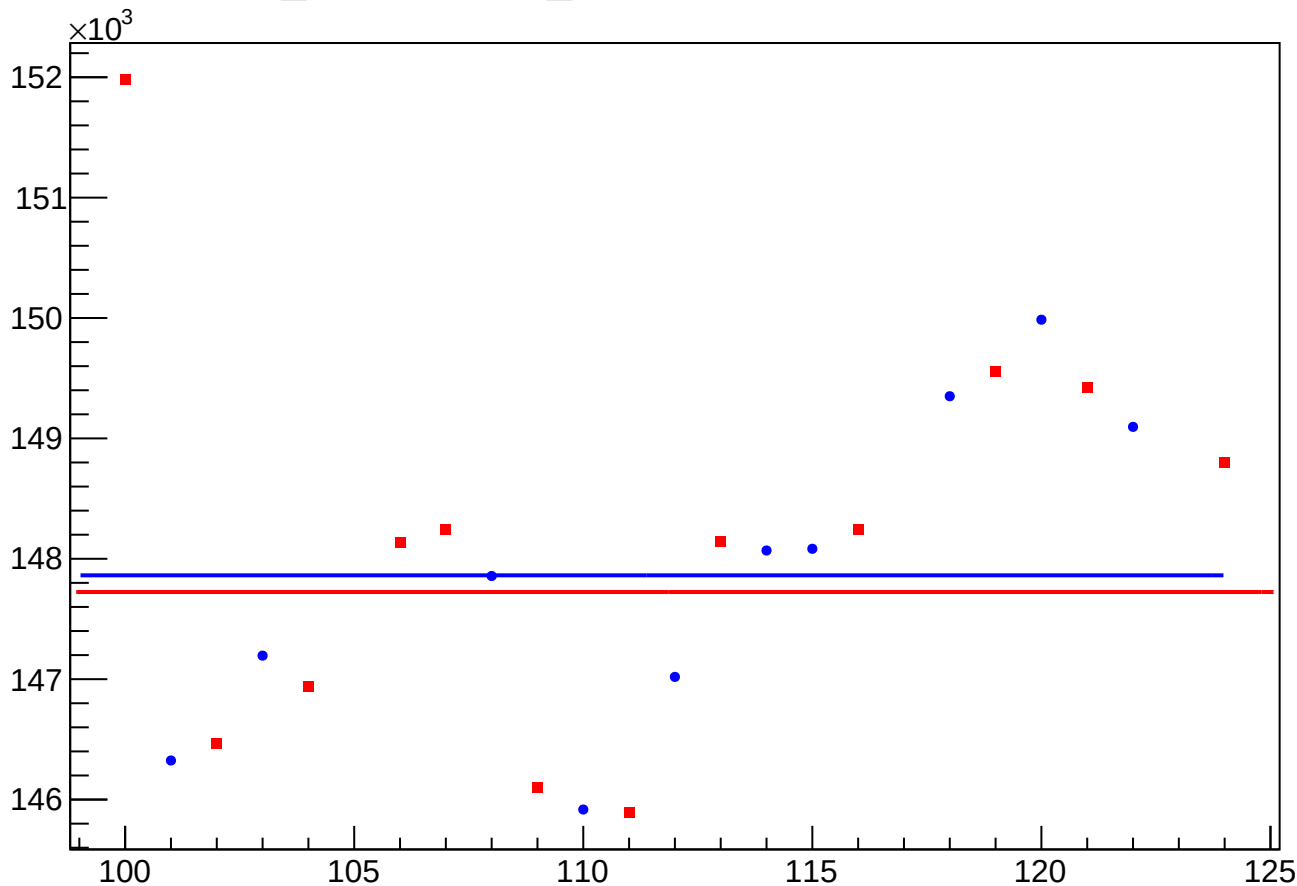
Right: 143.824+/-0.037 χ^2/NDF : 1790815.9/21

In: 149.507+/-0.056 χ^2/NDF : 803420.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.824+/-0.037 χ^2/NDF : 1790815.9/21

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147862.604 $\pm$ 0.120 χ^2 /NDF: 98678562.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147723.966 $\pm$ 0.101 χ^2 /NDF: 187022725.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

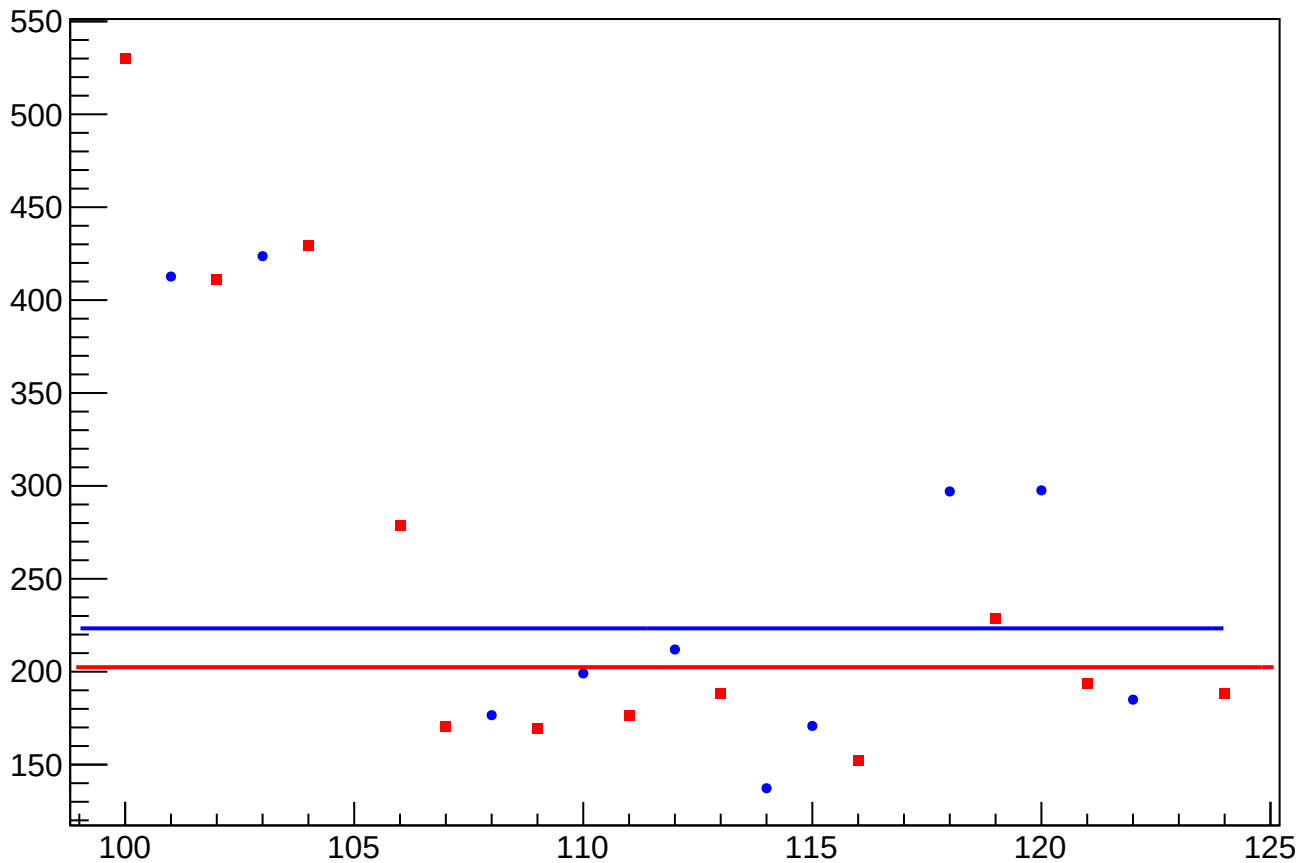
Right: 147781.349 $\pm$ 0.077 χ^2 /NDF: 286481984.4/2

In: 147862.604 $\pm$ 0.120 χ^2 /NDF:98678562.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147781.349 $\pm$ 0.077 χ^2 /NDF: 286481984.4/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 223.328+/-0.085 χ^2/NDF : 863203.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 202.435+/-0.071 χ^2/NDF : 865406.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

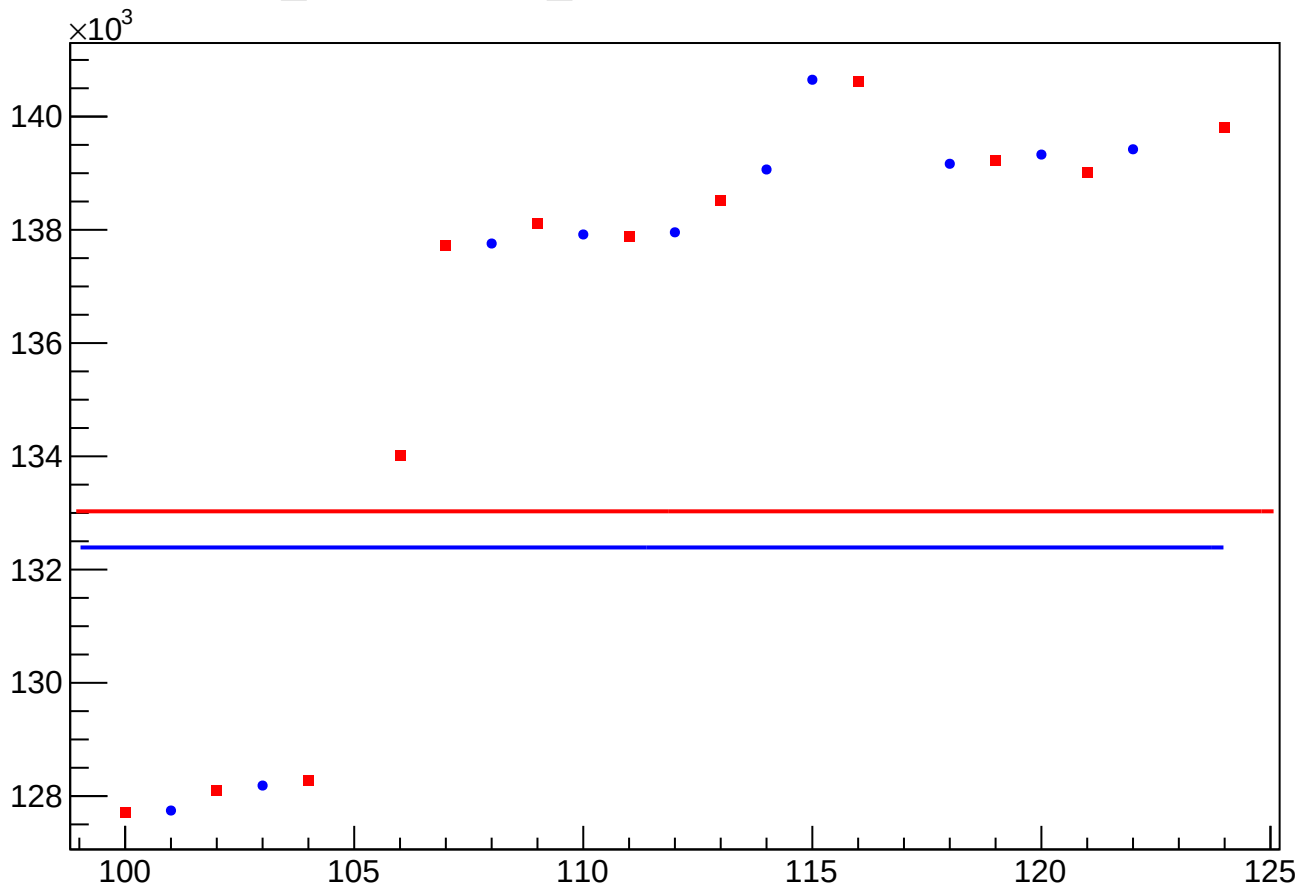
Right: 211.083+/-0.055 χ^2/NDF : 1764070.3/21

In: 223.328+/-0.085 χ^2/NDF :863203.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 211.083+/-0.055 χ^2/NDF : 1764070.3/21

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 132390.747+/-0.216 χ^2 /NDF: 599783285.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 132714.761+/-0.151 χ^2 /NDF: 1201721234.0/9

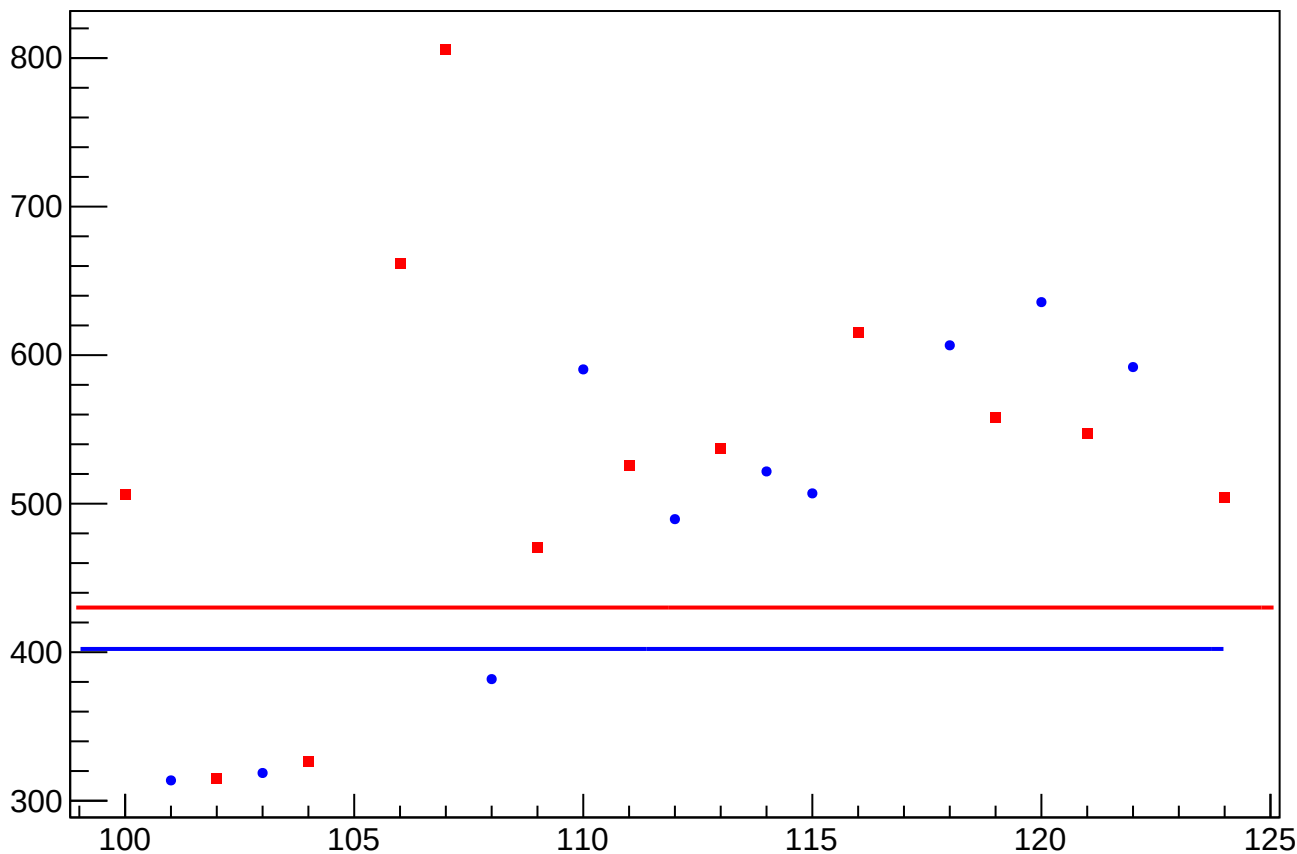
Right Out: 133028.781+/-0.212 χ^2 /NDF: 597495050.9/11

In: 132390.747+/-0.216 χ^2 /NDF: 599783285.9/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 132714.761+/-0.151 χ^2 /NDF: 1201721234.0/9

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 402.195+/-0.153 χ^2/NDF : 585240.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 430.074+/-0.150 χ^2/NDF : 663290.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

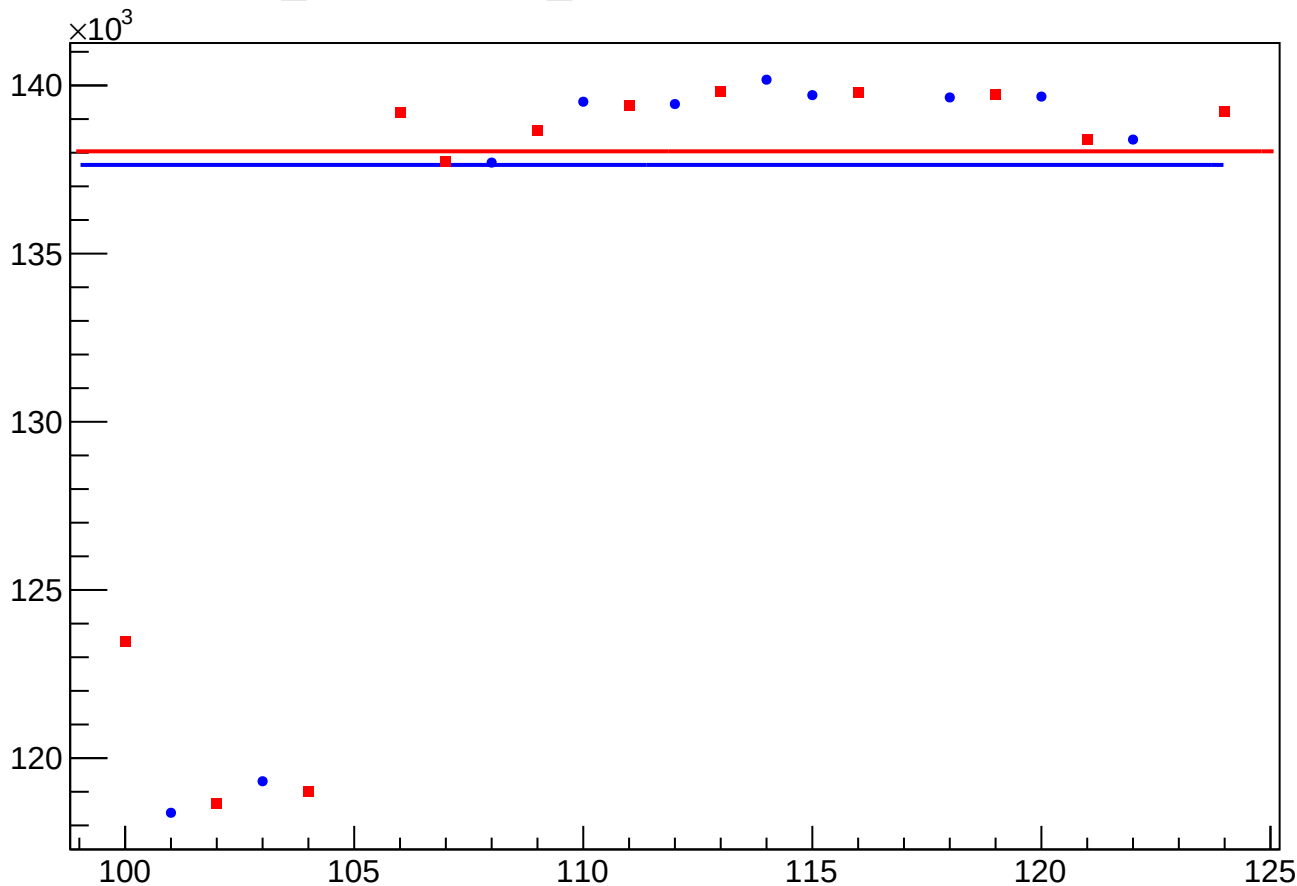
Right: 416.353+/-0.107 χ^2/NDF : 1265495.8/21

In: 402.195+/-0.153 χ^2/NDF : 585240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.353+/-0.107 χ^2/NDF : 1265495.8/21

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 137637.306+/-0.085 χ^2 /NDF: 4406416247.2/9

Right: 137859.388+/-0.057 χ^2 /NDF: 8610302145.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 138041.698+/-0.077 χ^2 /NDF: 4191371017.9/11

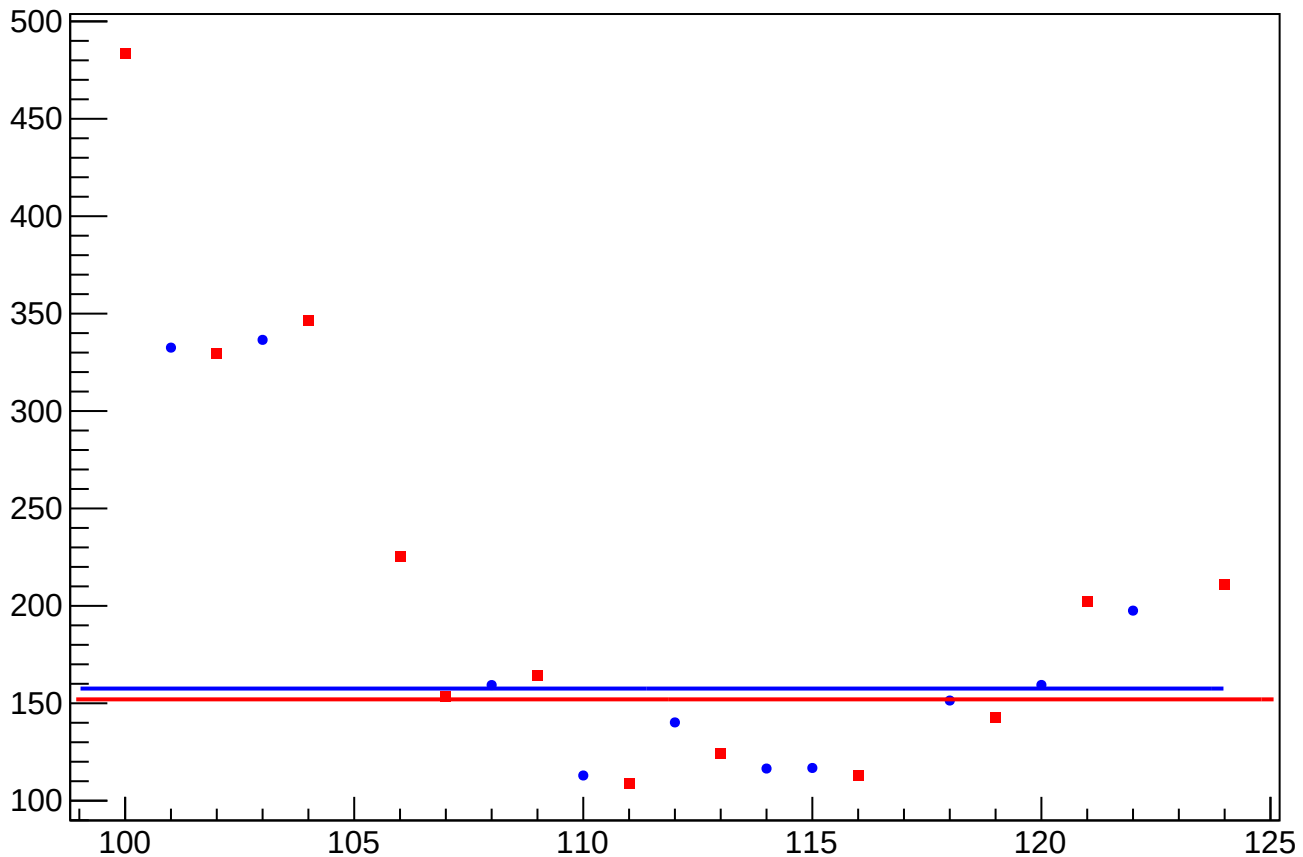
In: 137637.306+/-0.085 χ^2 /NDF: 4406416247.2/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 137859.388+/-0.057 χ^2 /NDF: 8610302145.9/14

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 157.557+/-0.060 χ^2/NDF : 919704.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.013+/-0.054 χ^2/NDF : 1152901.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

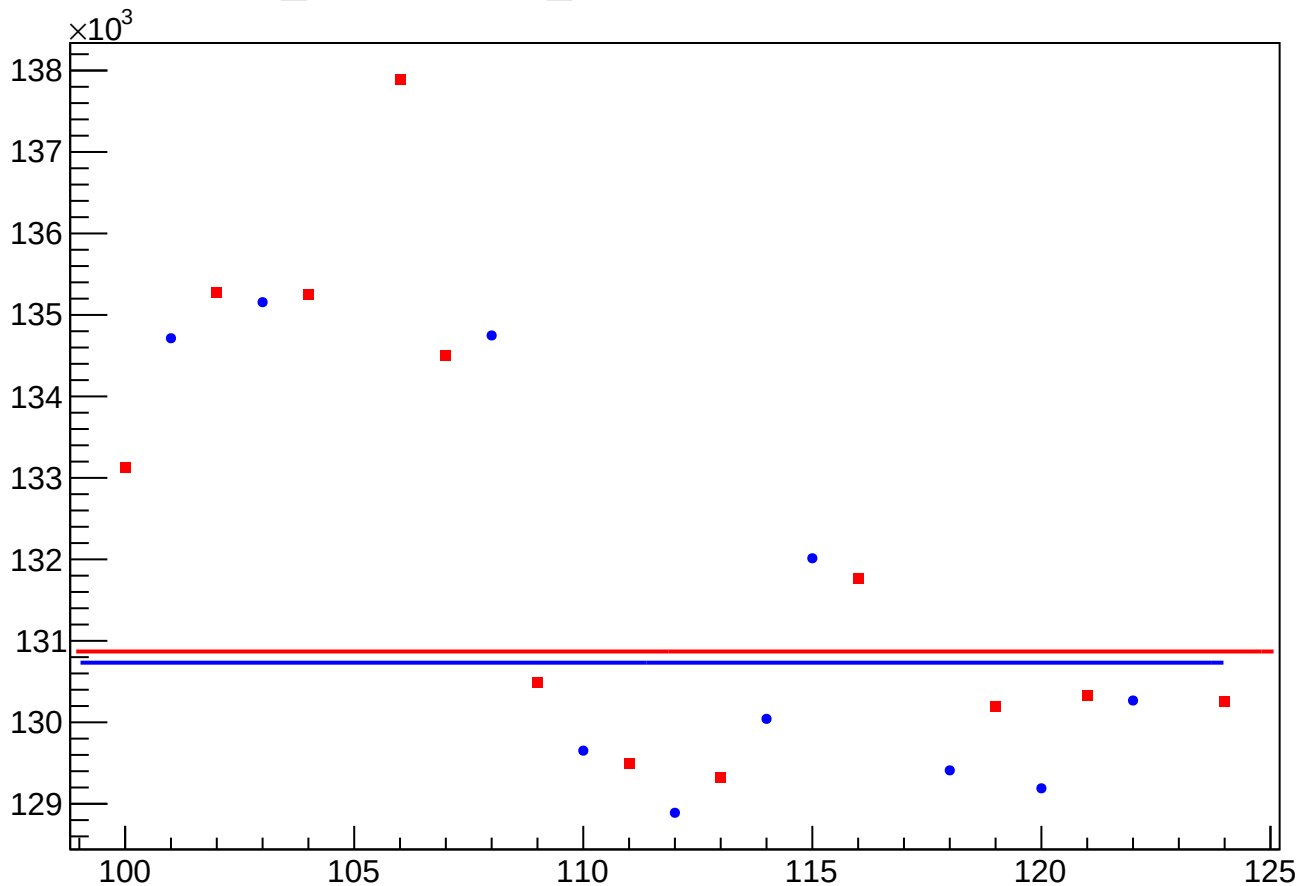
Right: 154.512+/-0.040 χ^2/NDF : 2077309.5/21

In: 157.557+/-0.060 χ^2/NDF : 919704.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.512+/-0.040 χ^2/NDF : 2077309.5/21

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130732.145+/-0.093 χ^2 /NDF: 529269508.1/9

Right: 130812.035+/-0.060 χ^2 /NDF: 1173326944.8/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 130869.355+/-0.079 χ^2 /NDF: 642800718.3/11

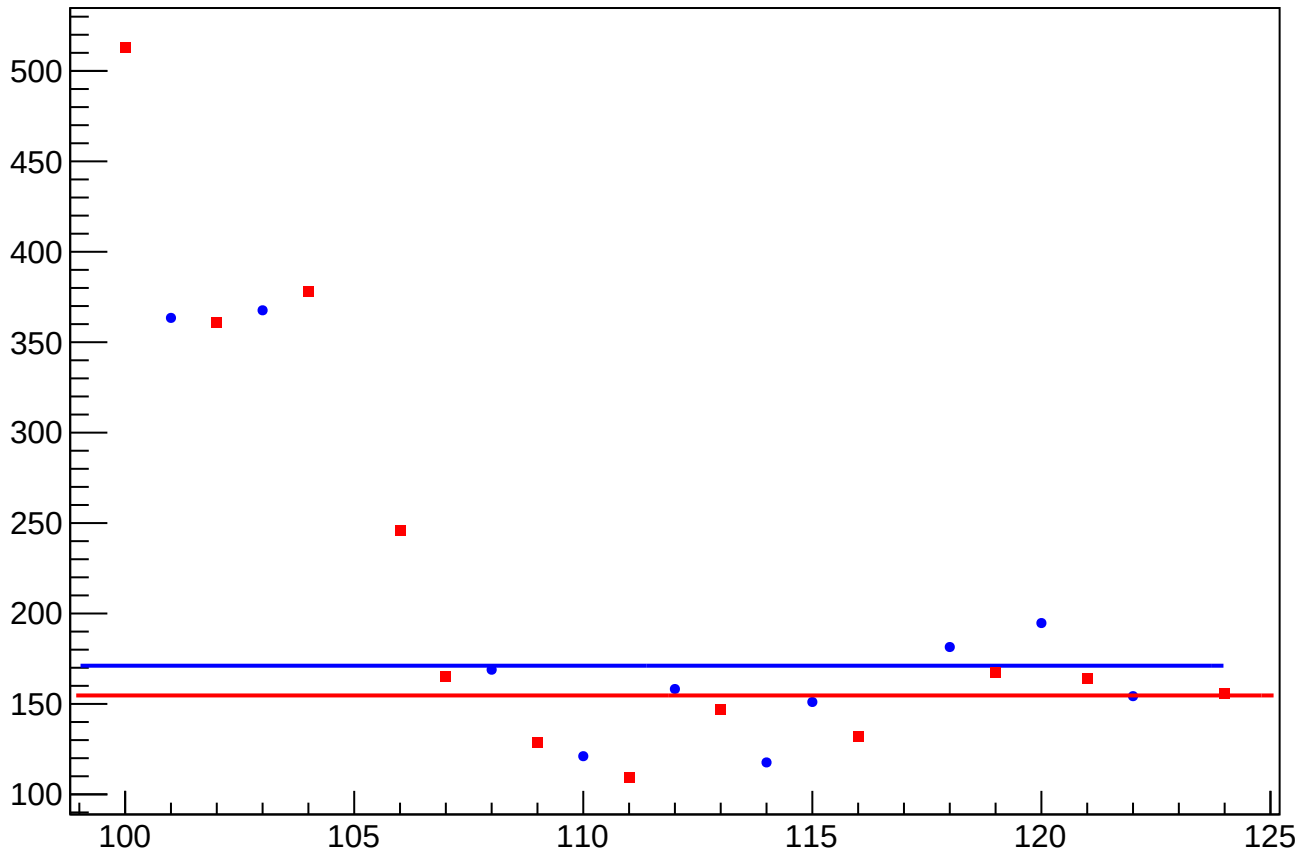
In: 130732.145+/-0.093 χ^2 /NDF: 529269508.1/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130812.035+/-0.060 χ^2 /NDF: 1173326944.8/11

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 171.132+/-0.066 χ^2/NDF : 903561.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.684+/-0.056 χ^2/NDF : 1142782.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

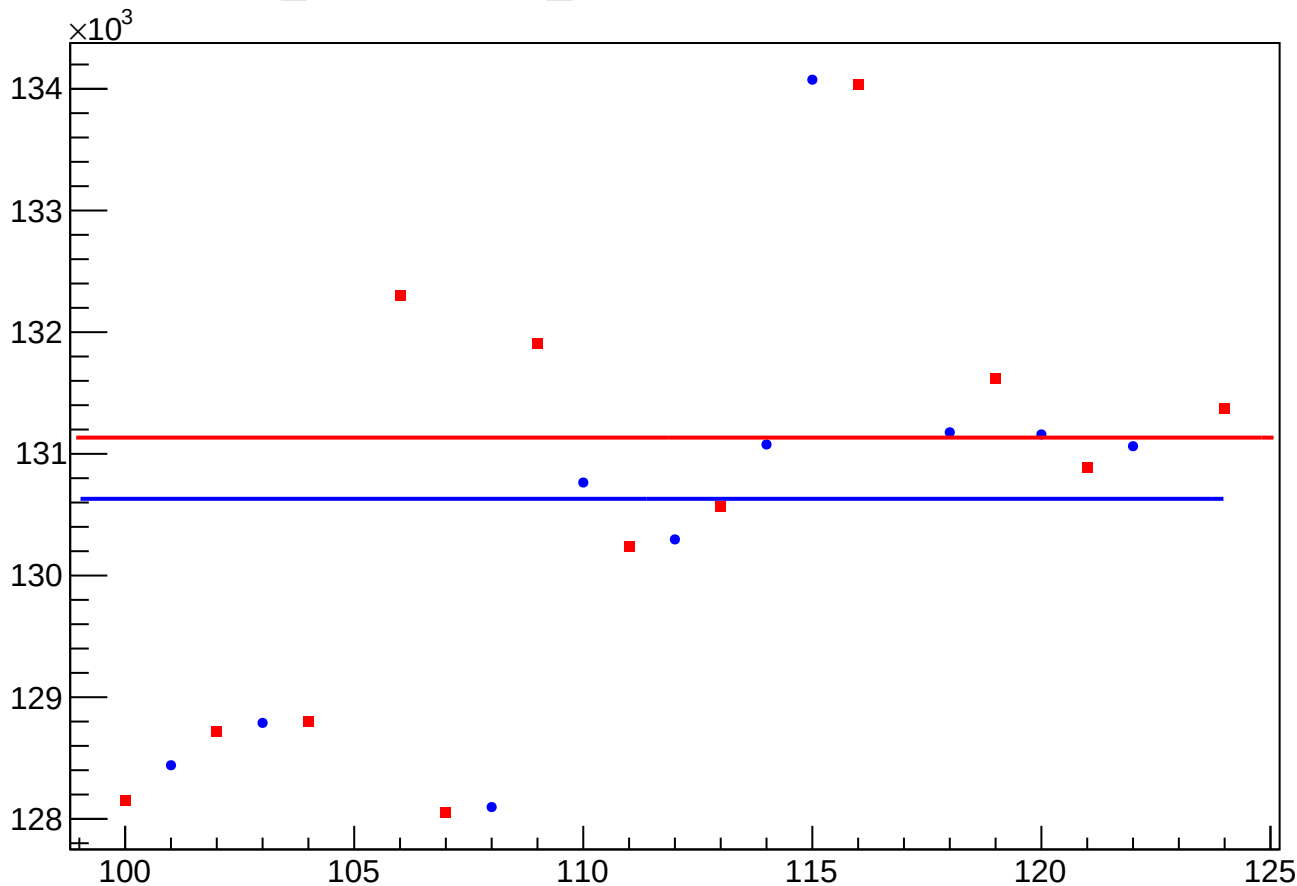
Right: 161.555+/-0.043 χ^2/NDF : 2082462.6/21

In: 171.132+/-0.066 χ^2/NDF : 903561.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.555+/-0.043 χ^2/NDF : 2082462.6/21

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130630.519+/-0.080 χ^2 /NDF: 303417259.3/9

Right: 130914.253+/-0.053 χ^2 /NDF: 758234699.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

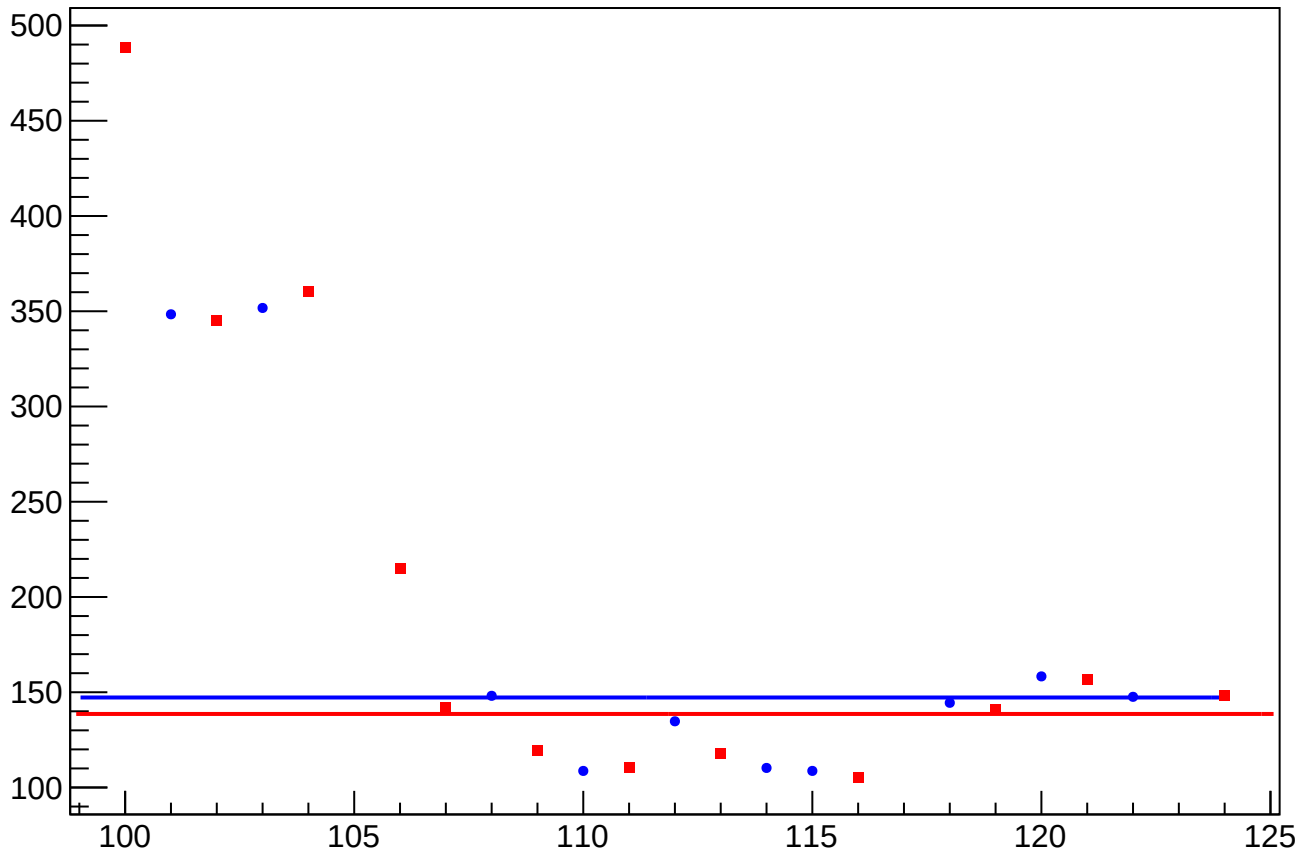
Right Out: 131133.665+/-0.070 χ^2 /NDF: 432265942.8/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130914.253+/-0.053 χ^2 /NDF: 758234699.0/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 147.243+/-0.056 χ^2/NDF : 1001908.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.602+/-0.049 χ^2/NDF : 1171336.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

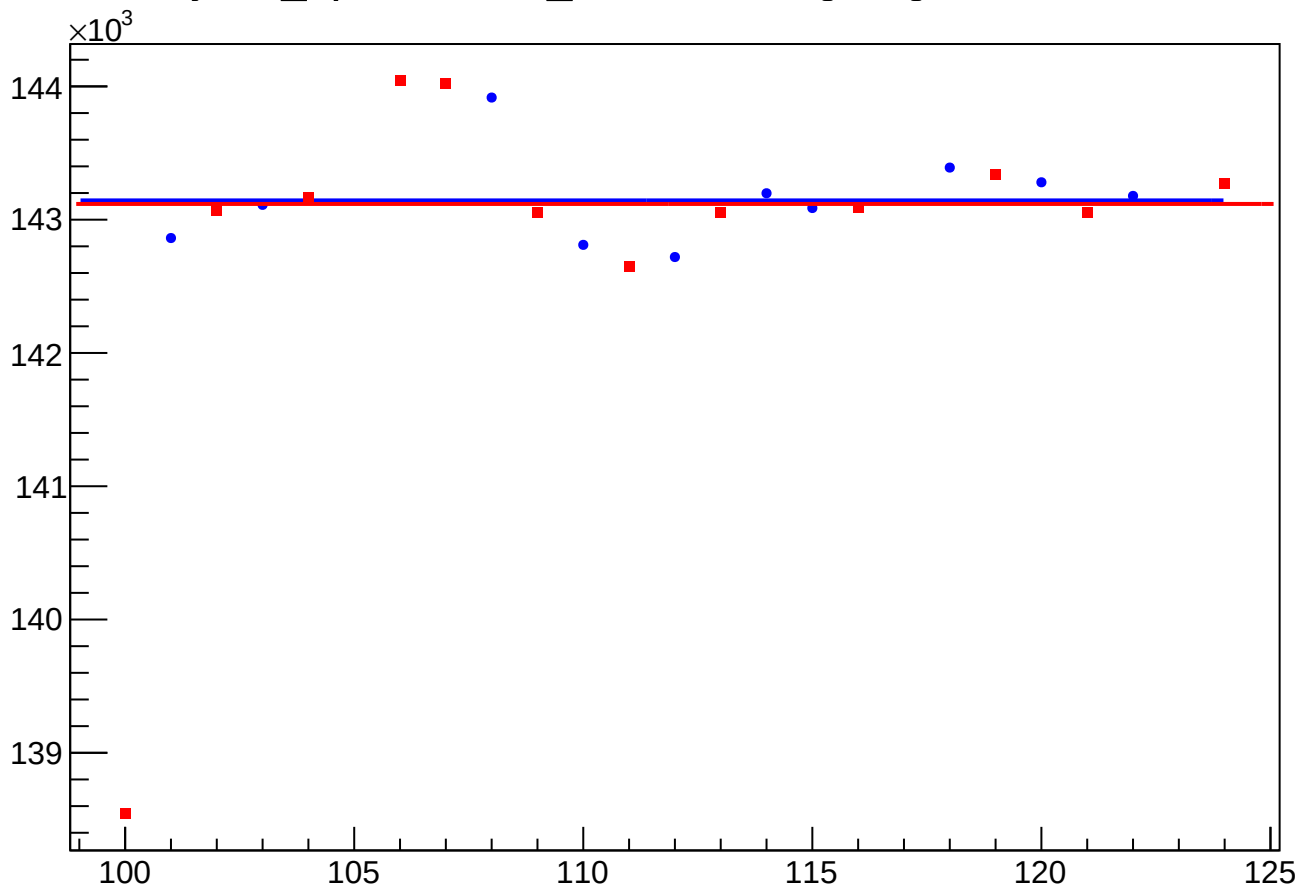
Right: 142.370+/-0.037 χ^2/NDF : 2186549.5/21

In: 147.243+/-0.056 χ^2/NDF : 1001908.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.370+/-0.037 χ^2/NDF : 2186549.5/21

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143129.530+/-0.056 χ^2 /NDF: 43889414.3/21

In: 143144.597+/-0.086 χ^2 /NDF:17433984.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 143129.530+/-0.056 χ^2 /NDF: 43889414.3/21

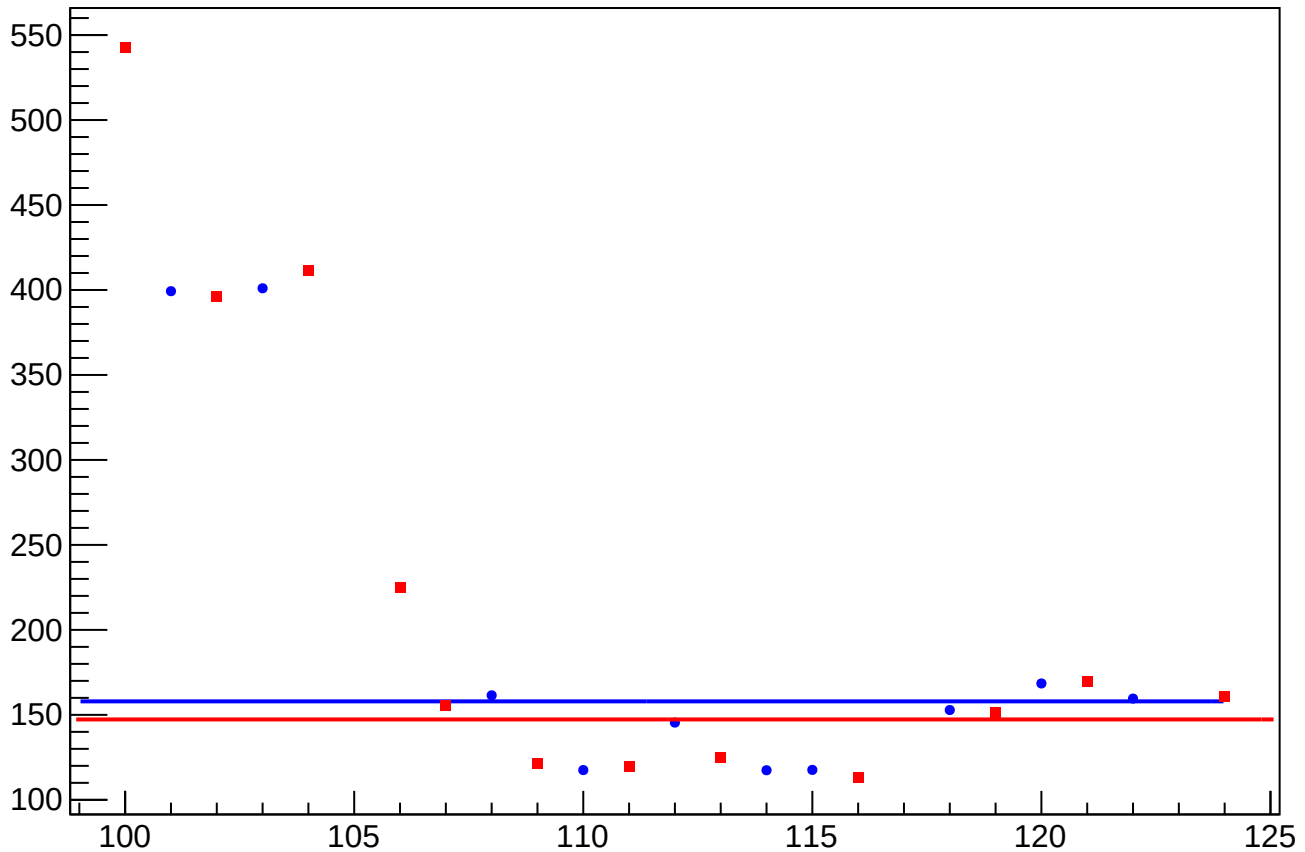
Right In: 143144.597+/-0.086 χ^2 /NDF: 17433984.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 143118.075+/-0.075 χ^2 /NDF: 26400954.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 157.947 $\pm$ 0.061 χ^2 /NDF: 1074824.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147.306 $\pm$ 0.053 χ^2 /NDF: 1265807.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

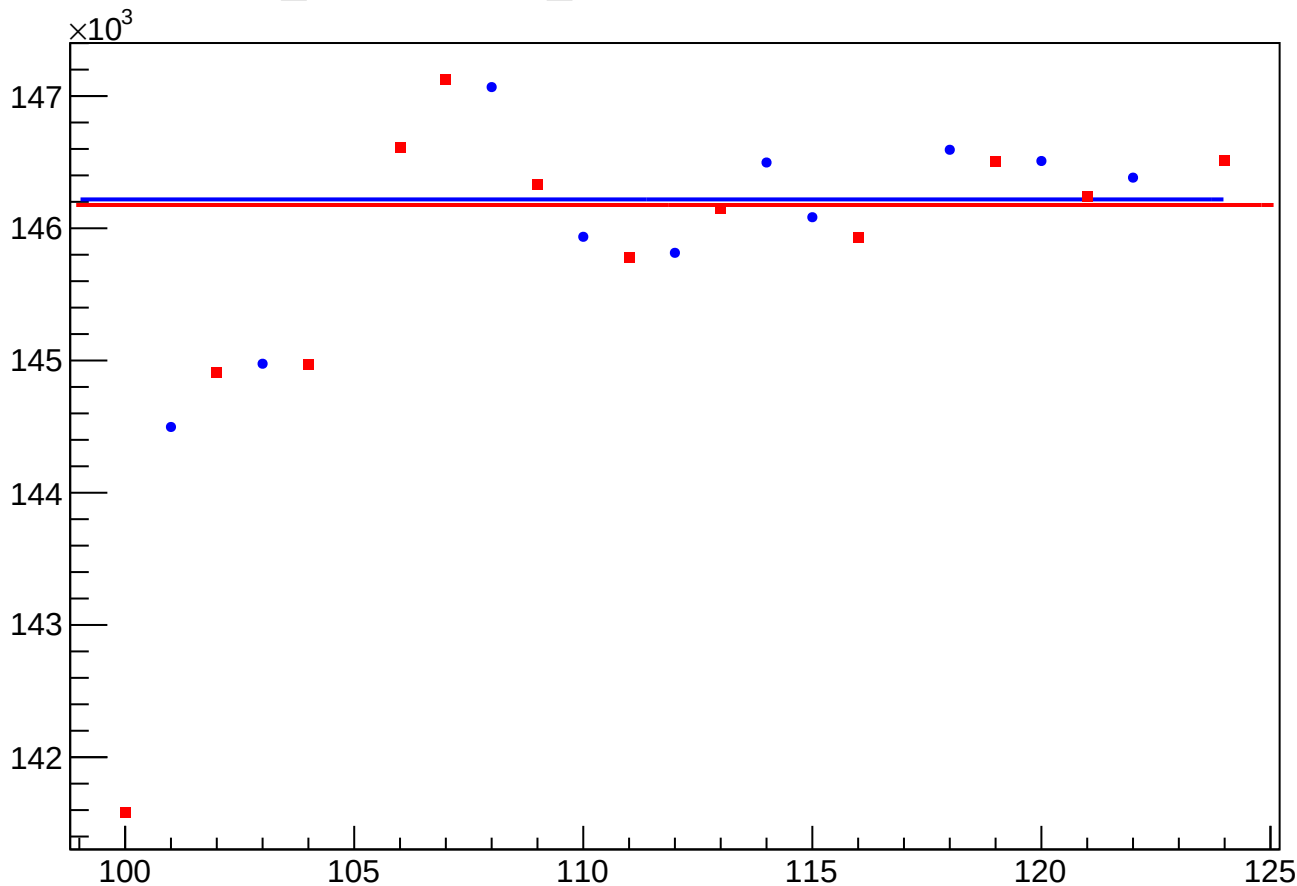
Right: 151.902 $\pm$ 0.040 χ^2 /NDF: 2358169.6/21

In: 157.947 $\pm$ 0.061 χ^2 /NDF:1074824.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.902 $\pm$ 0.040 χ^2 /NDF: 2358169.6/21

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right In: 146218.364 $\pm$ 0.089 χ^2/NDF : 38875861.0/9

Right: 146194.373 $\pm$ 0.058 χ^2/NDF : 74728875.5/21

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

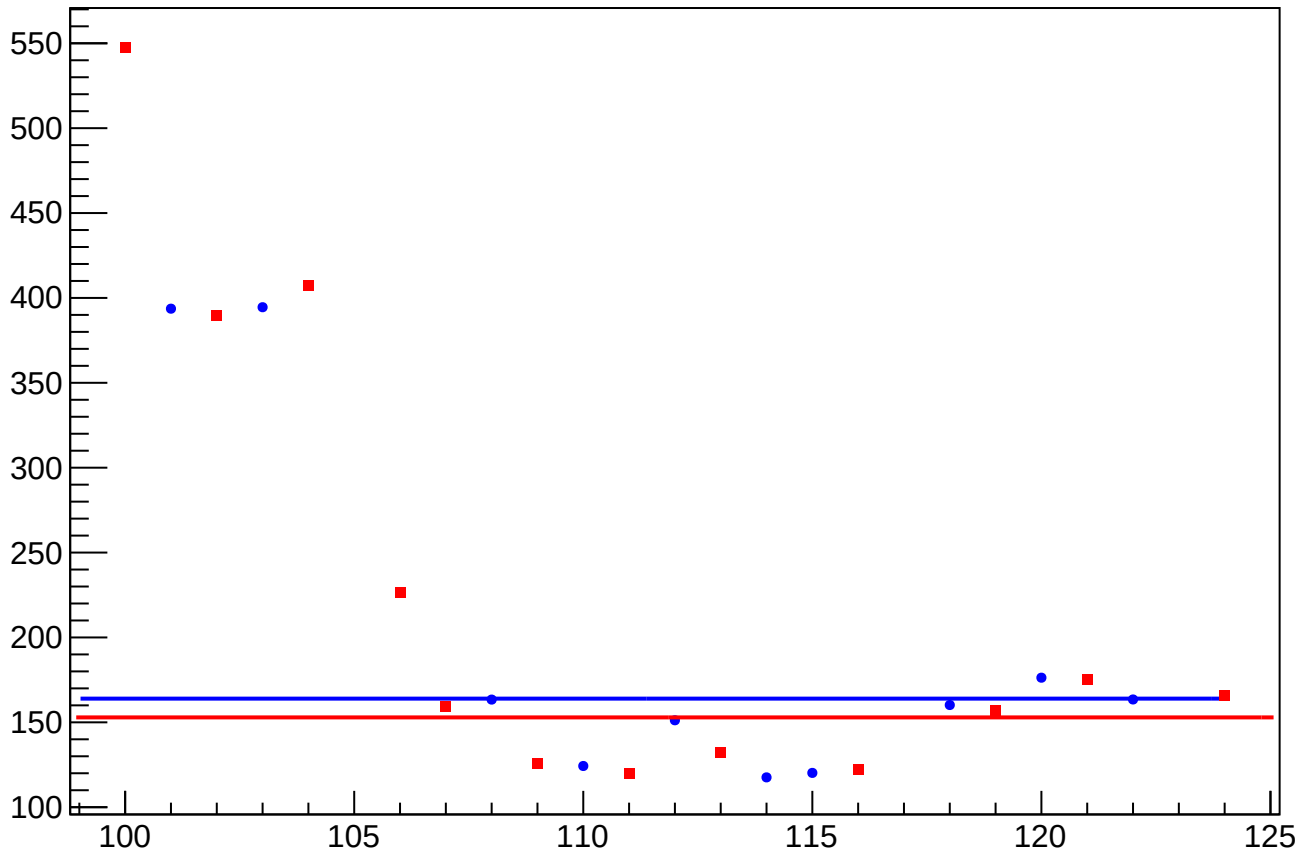
Right Out: 146176.178 $\pm$ 0.077 χ^2/NDF : 35723965.2/11

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 146194.373 $\pm$ 0.058 χ^2/NDF : 74728875.5/21

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 163.963 $\pm$ 0.063 χ^2 /NDF: 1010274.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 152.902 $\pm$ 0.055 χ^2 /NDF: 1200892.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

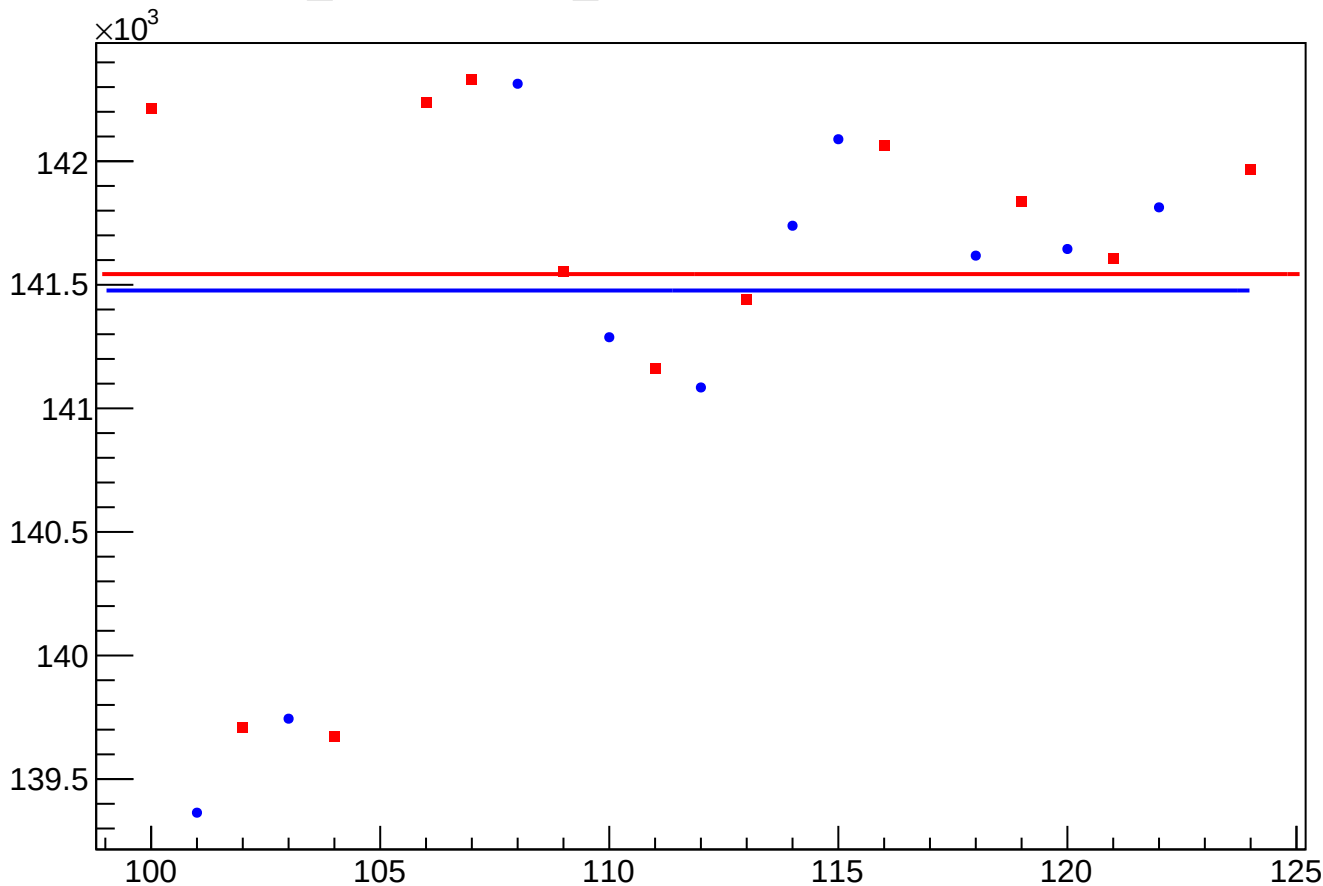
Right: 157.673 $\pm$ 0.041 χ^2 /NDF: 2228909.5/21

In: 163.963 $\pm$ 0.063 χ^2 /NDF:1010274.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.673 $\pm$ 0.041 χ^2 /NDF: 2228909.5/21

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 141514.269+/-0.059 χ^2 /NDF: 94641975.7/21

In: 141476.912+/-0.090 χ^2 /NDF: 49884605.5/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 141514.269+/-0.059 χ^2 /NDF: 94641975.7/21

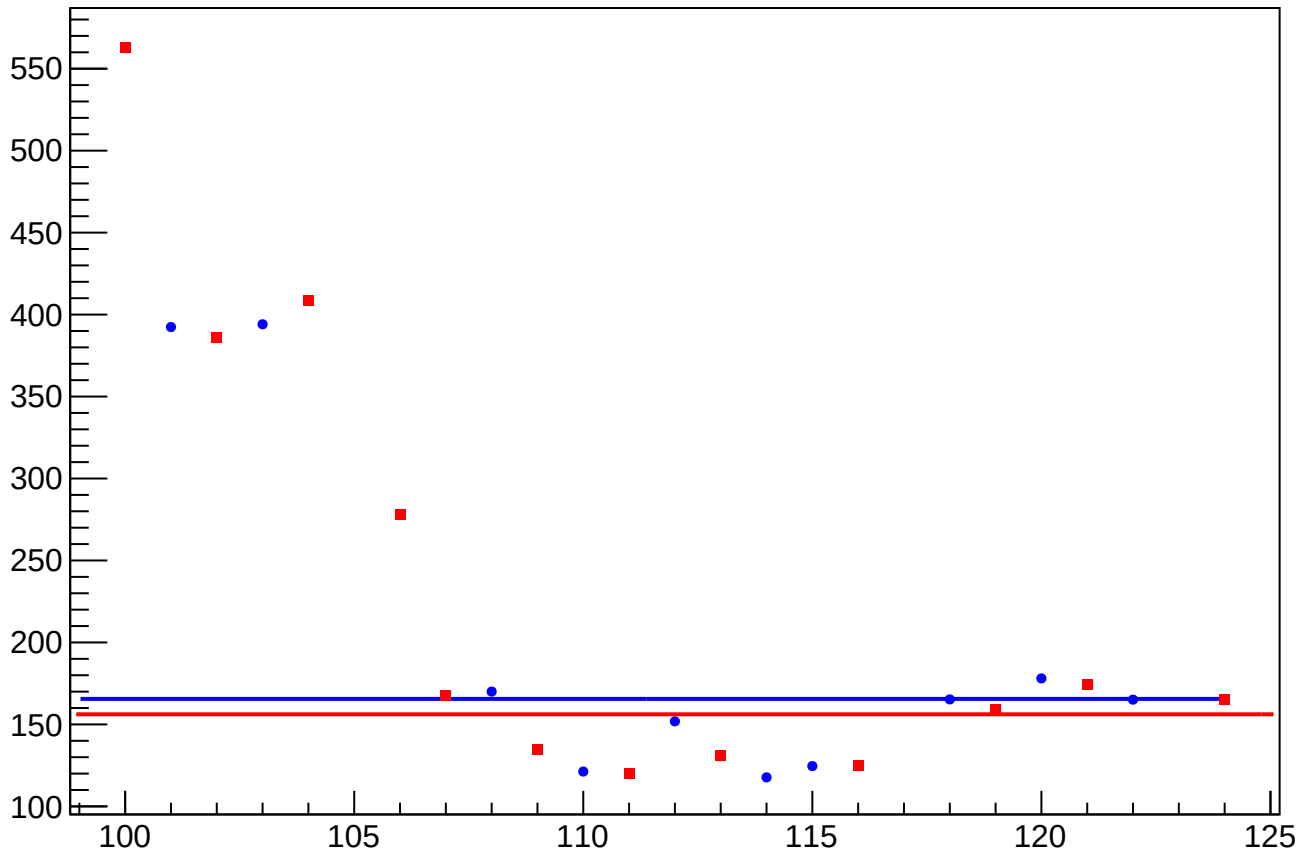
Right In: 141476.912+/-0.090 χ^2 /NDF: 49884605.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 141543.306+/-0.079 χ^2 /NDF: 44447997.6/11

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 165.573+/-0.063 χ^2/NDF : 1013397.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.173+/-0.056 χ^2/NDF : 1221008.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

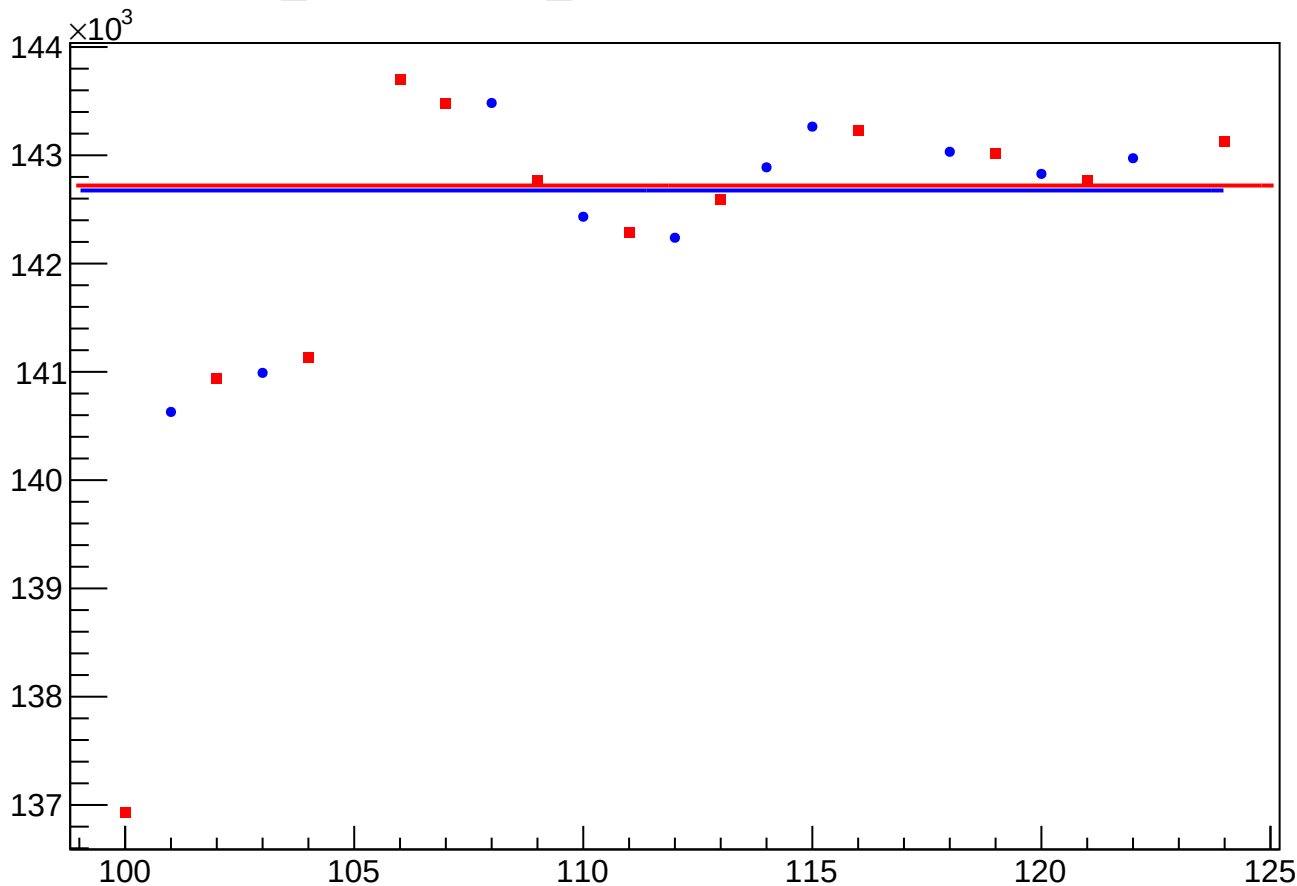
Right: 160.284+/-0.042 χ^2/NDF : 2246808.5/21

In: 165.573+/-0.063 χ^2/NDF : 1013397.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.284+/-0.042 χ^2/NDF : 2246808.5/21

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 142675.201+/-0.091 χ^2/NDF : 49395643.0/9

Right: 142701.248+/-0.059 χ^2/NDF : 102339452.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142720.767+/-0.078 χ^2/NDF : 52799312.1/11

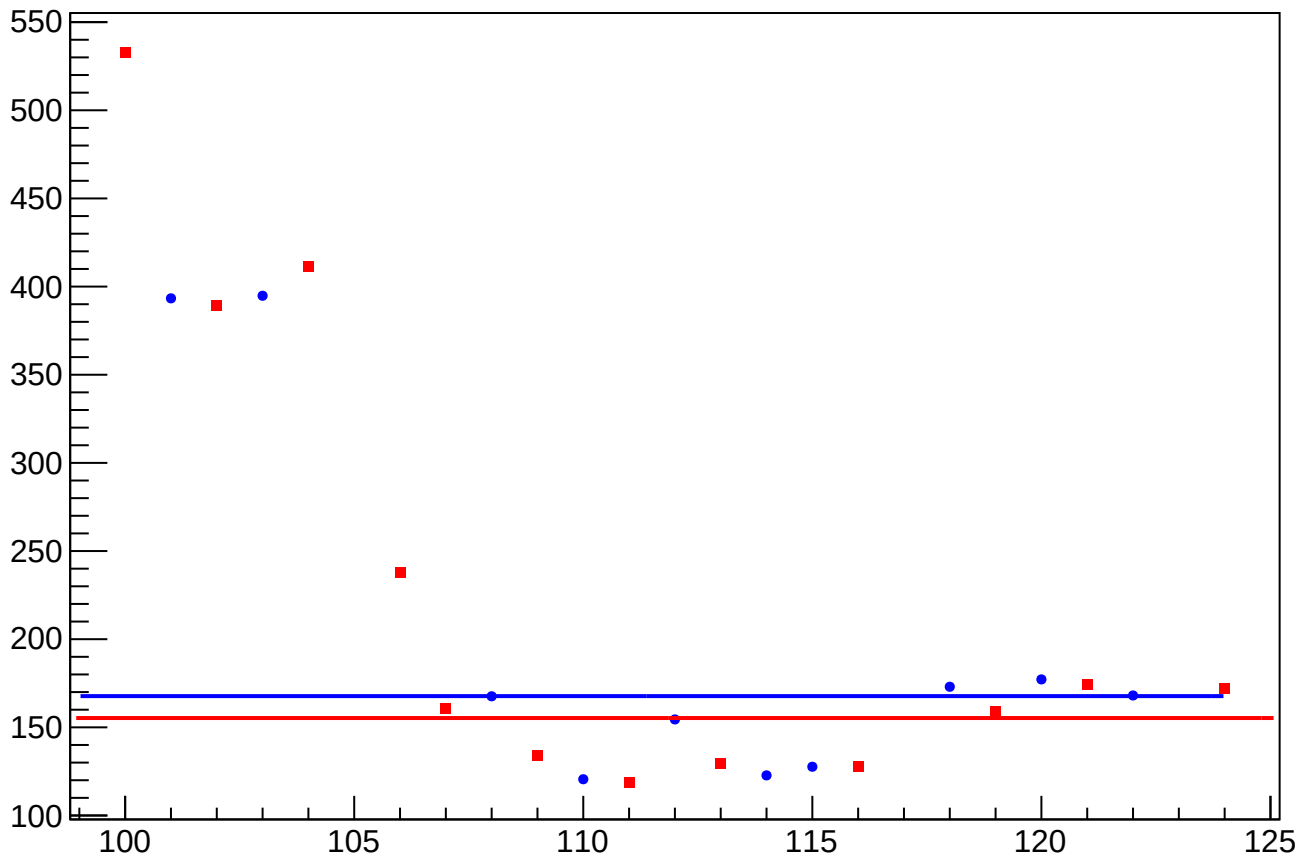
In: 142675.201+/-0.091 χ^2/NDF : 49395643.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142701.248+/-0.059 χ^2/NDF : 102339452.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 167.713+/-0.064 χ^2/NDF : 1003434.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.280+/-0.055 χ^2/NDF : 1183885.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

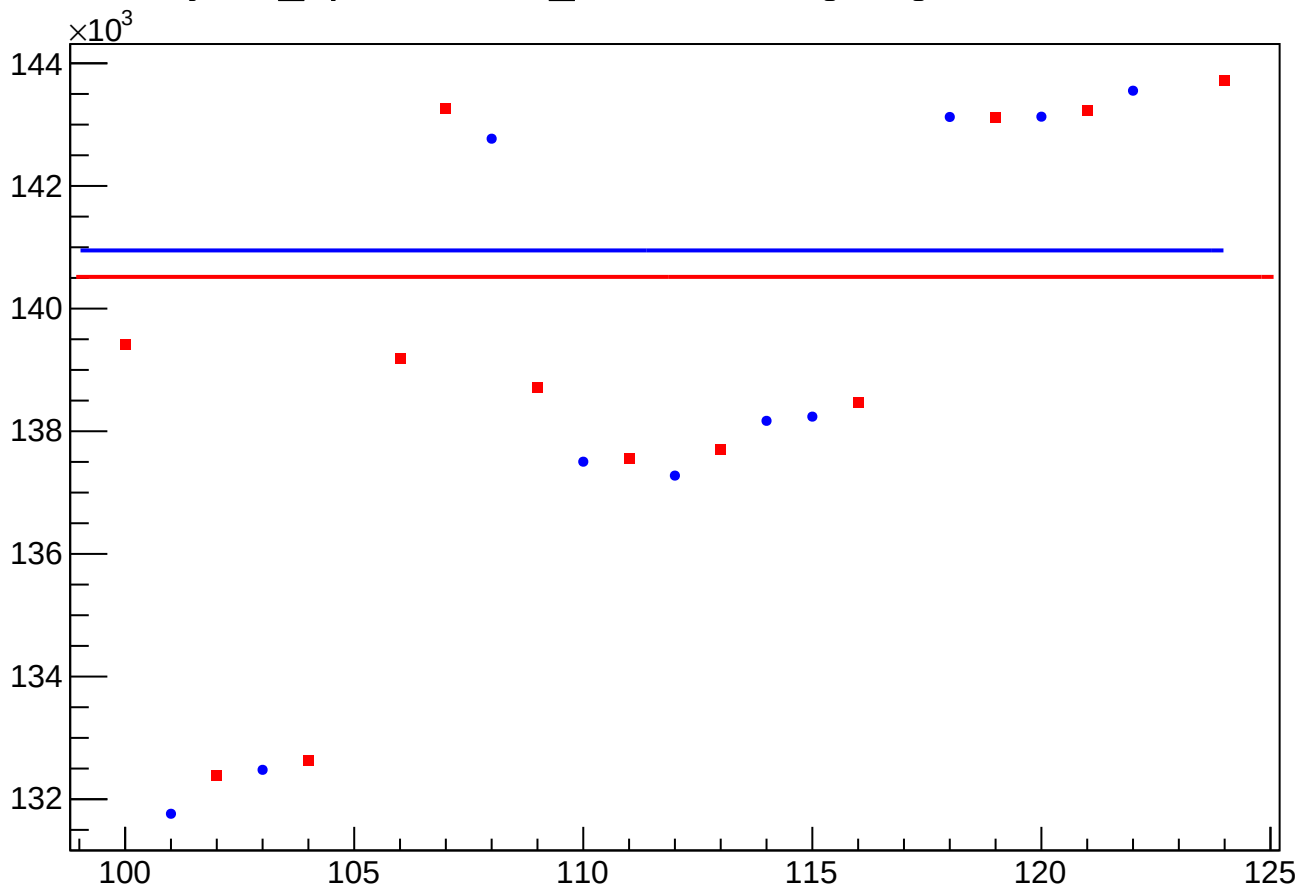
Right: 160.606+/-0.042 χ^2/NDF : 2208834.6/21

In: 167.713+/-0.064 χ^2/NDF : 1003434.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

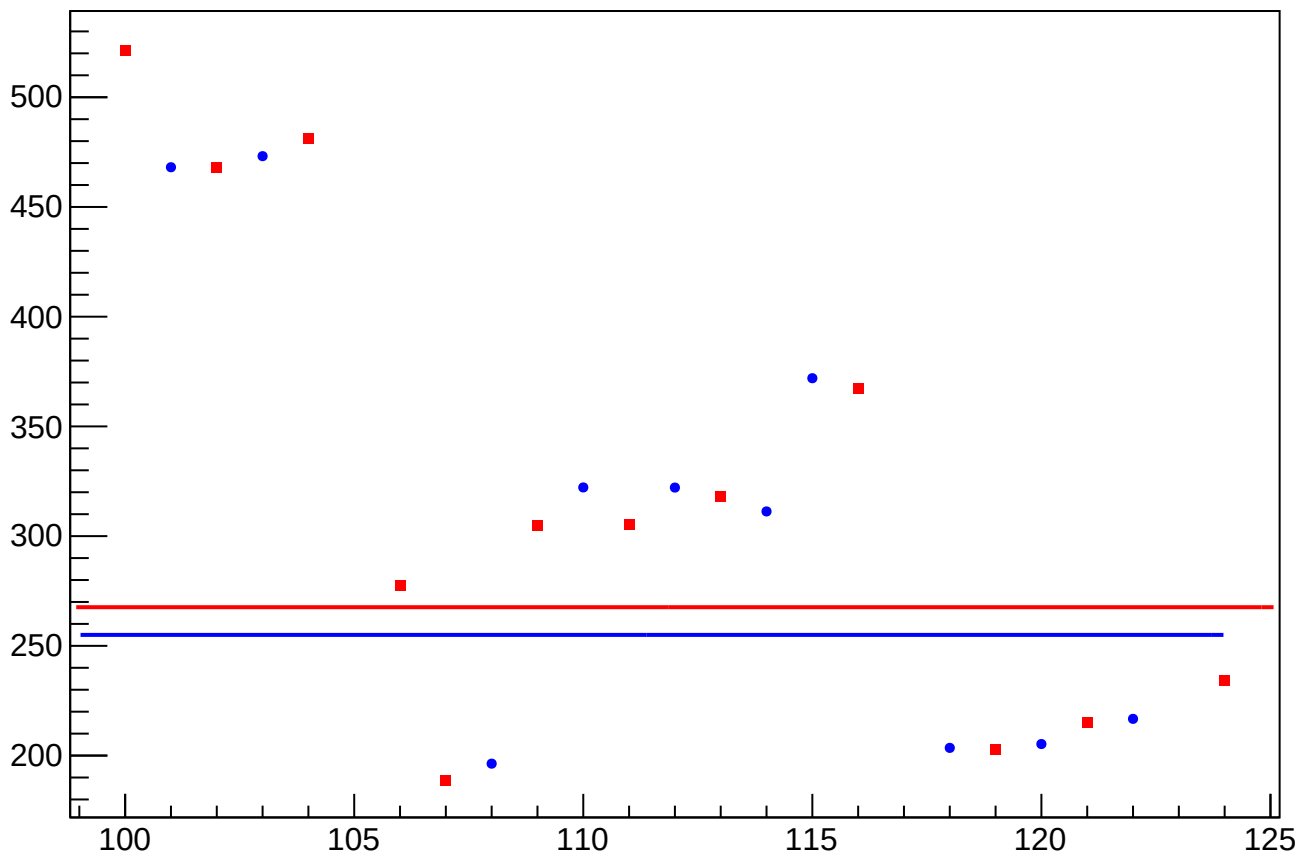
All: 160.606+/-0.042 χ^2/NDF : 2208834.6/21

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140948.480 $\pm$ 0.135 χ^2 /NDF: 752361101.7/9
 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: 140727.611 $\pm$ 0.094 χ^2 /NDF: 1431723716.1/9
 In: 140948.480 $\pm$ 0.135 χ^2 /NDF: 752361101.7/9
 Right Out: 140517.109 $\pm$ 0.132 χ^2 /NDF: 674134175.5/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 140727.611 $\pm$ 0.094 χ^2 /NDF: 1431723716.1/9

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 254.996+/-0.095 χ^2/NDF : 834210.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.615+/-0.093 χ^2/NDF : 806941.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

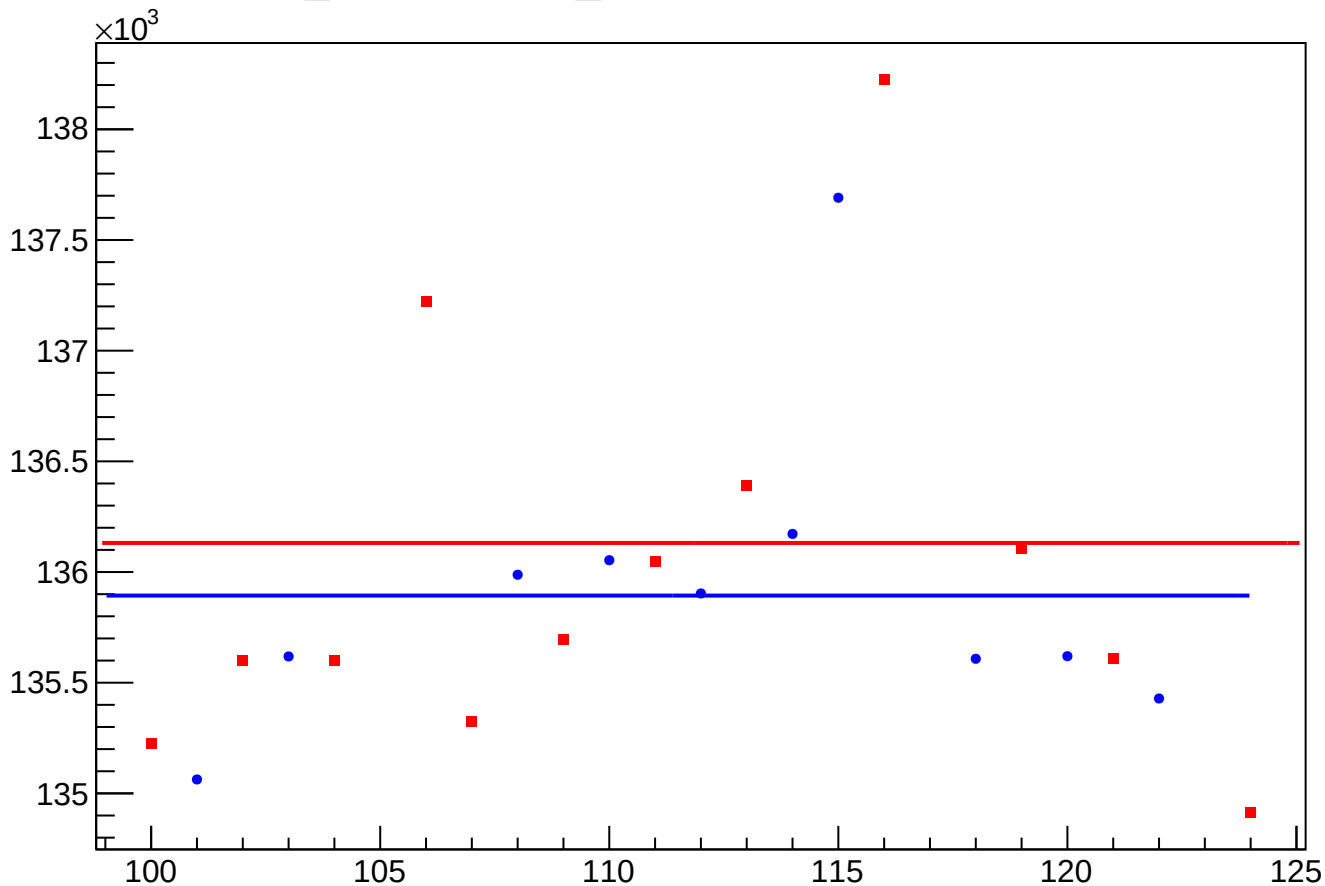
Right: 261.457+/-0.067 χ^2/NDF : 1650101.6/21

In: 254.996+/-0.095 χ^2/NDF : 834210.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.457+/-0.067 χ^2/NDF : 1650101.6/21

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135893.560 $\pm$ 0.142 χ^2 /NDF: 14926189.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136131.317 $\pm$ 0.121 χ^2 /NDF: 37713519.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

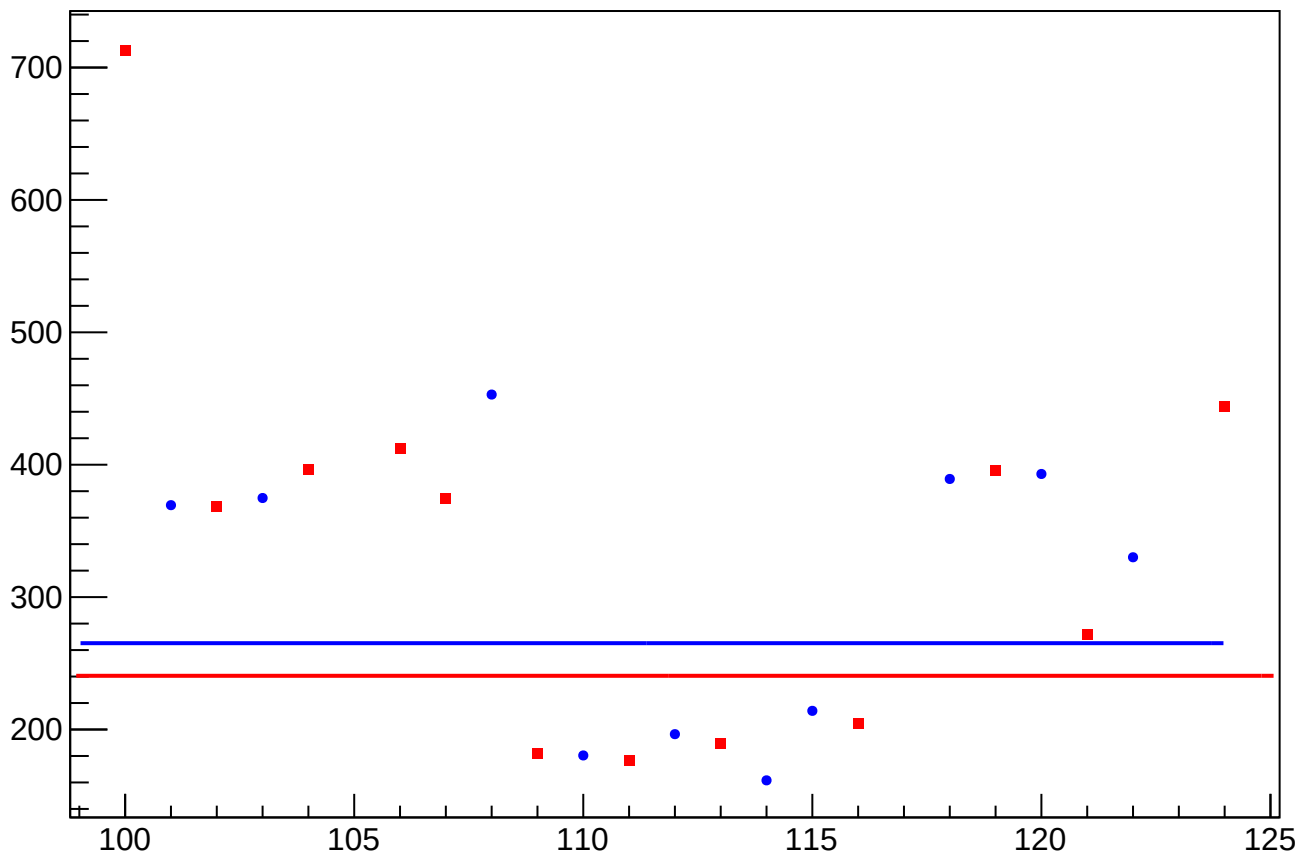
Right: 136031.263 $\pm$ 0.092 χ^2 /NDF: 54260577.3/21

In: 135893.560 $\pm$ 0.142 χ^2 /NDF:14926189.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136031.263 $\pm$ 0.092 χ^2 /NDF: 54260577.3/21

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 265.200+/-0.100 χ^2/NDF : 919562.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.565+/-0.086 χ^2/NDF : 1075905.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

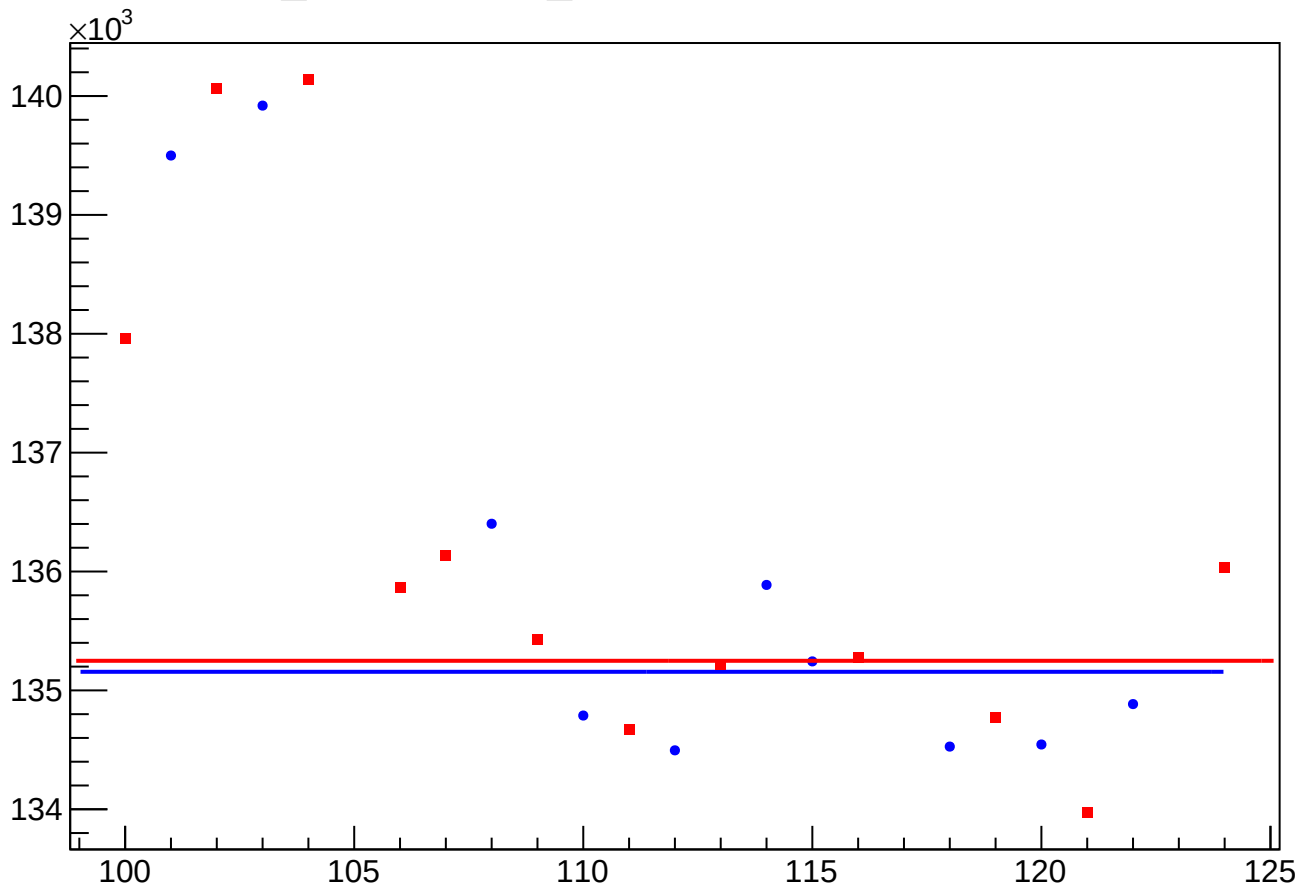
Right: 250.932+/-0.065 χ^2/NDF : 2030271.1/21

In: 265.200+/-0.100 χ^2/NDF : 919562.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

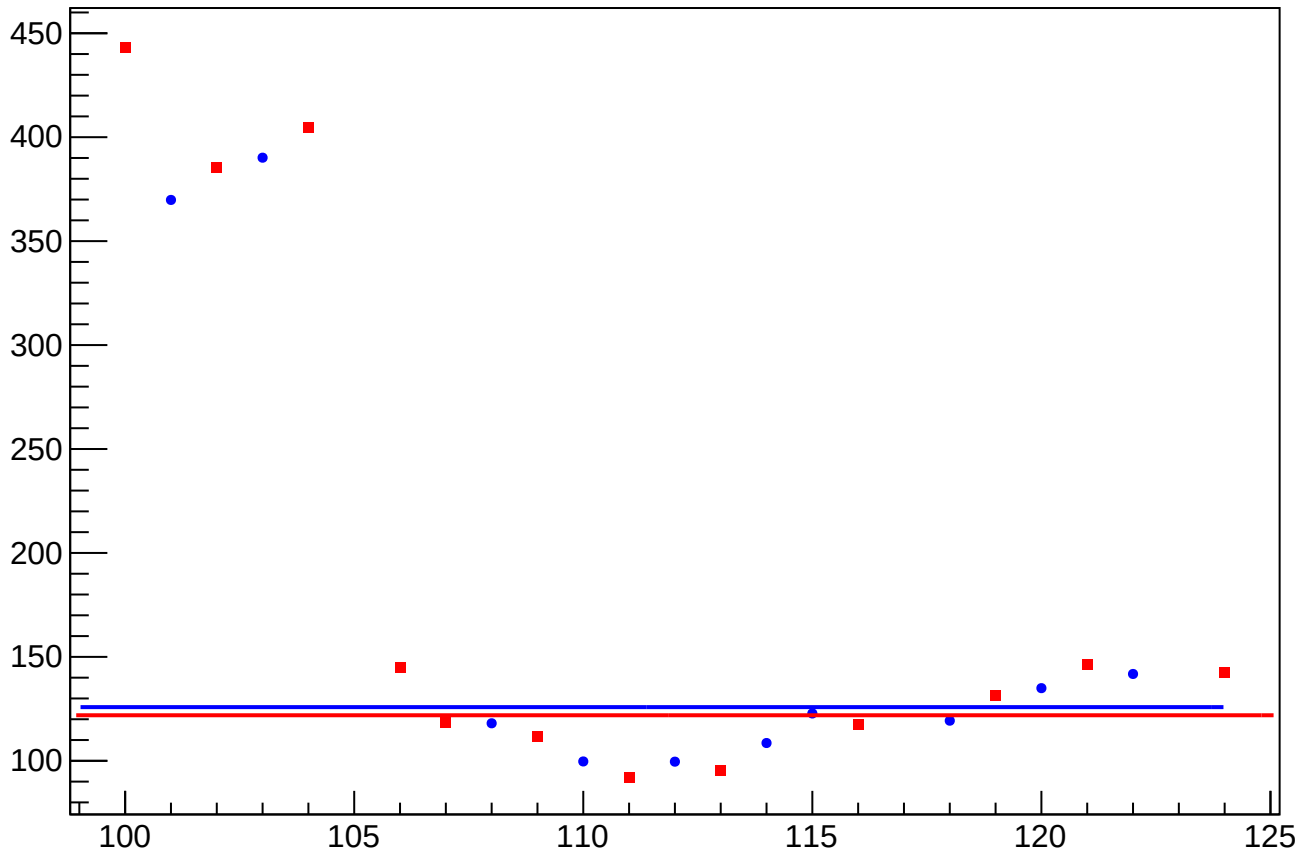
All: 250.932+/-0.065 χ^2/NDF : 2030271.1/21

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 135156.428 $\pm$ 0.069 χ^2 /NDF: 274831631.0/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 135248.928 $\pm$ 0.063 χ^2 /NDF: 259137716.8/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 135207.002 $\pm$ 0.047 χ^2 /NDF: 534946562.9/20
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 135207.002 $\pm$ 0.047 χ^2 /NDF: 534946562.9/20
 In: 135156.428 $\pm$ 0.069 χ^2 /NDF:274831631.0/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 125.832+/-0.049 χ^2/NDF : 1257872.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.917+/-0.045 χ^2/NDF : 1402962.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

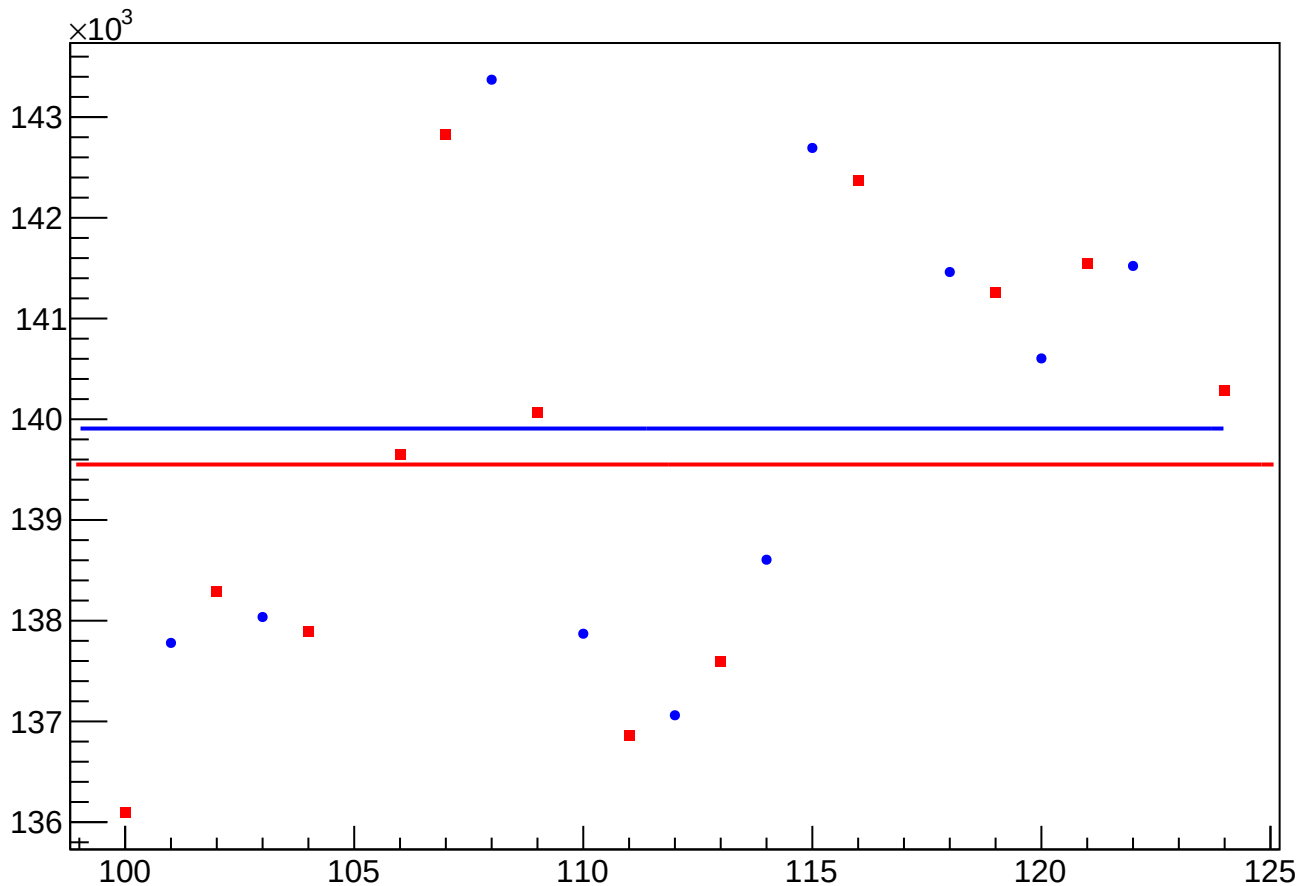
Right: 123.691+/-0.033 χ^2/NDF : 2664335.2/21

In: 125.832+/-0.049 χ^2/NDF : 1257872.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.691+/-0.033 χ^2/NDF : 2664335.2/21

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 139907.886+/-0.082 χ^2 /NDF: 699964230.4/9

Right: 139711.288+/-0.055 χ^2 /NDF: 1463497358.4/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

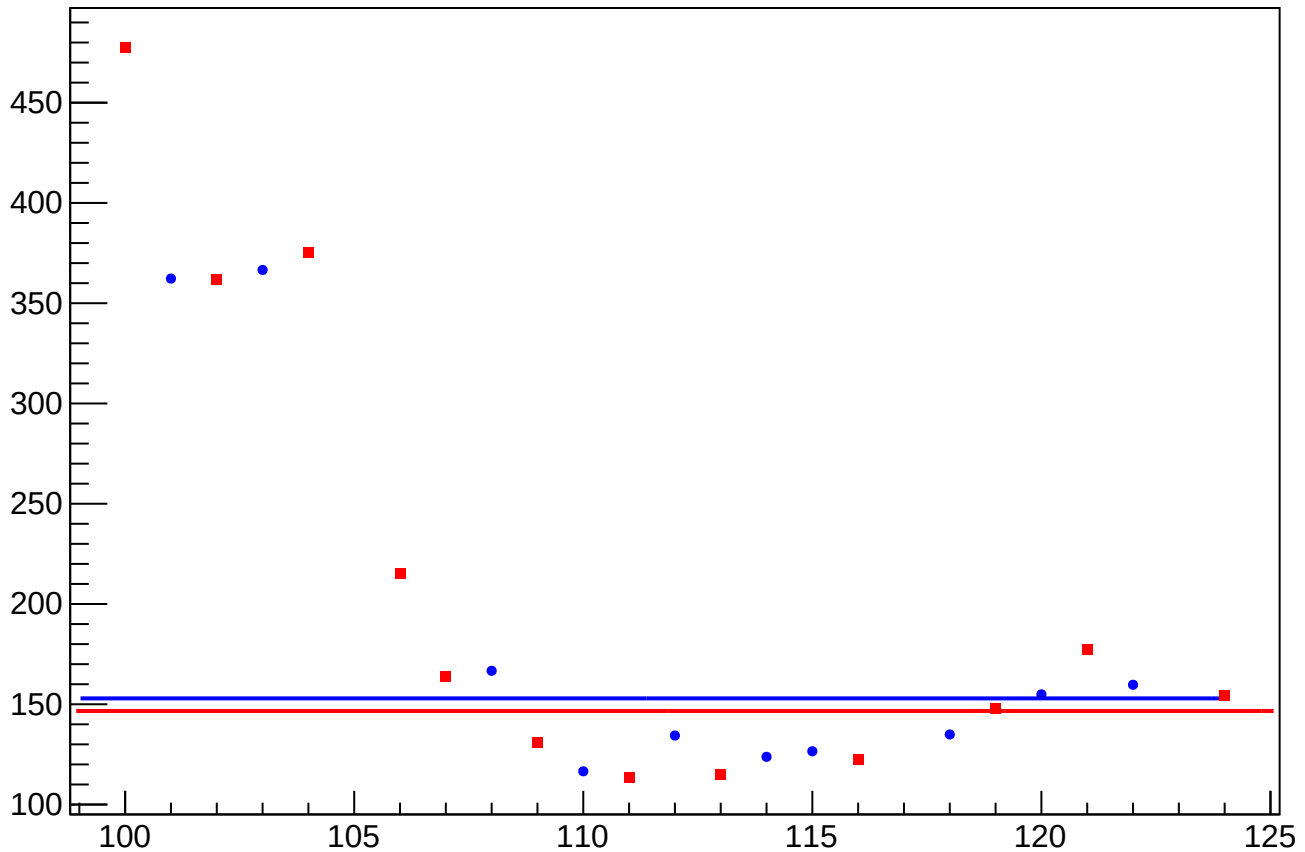
Right Out: 139550.825+/-0.074 χ^2 /NDF: 753202005.7/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 139711.288+/-0.055 χ^2 /NDF: 1463497358.4/11

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 152.933+/-0.058 χ^2/NDF : 981832.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.658+/-0.053 χ^2/NDF : 1165217.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

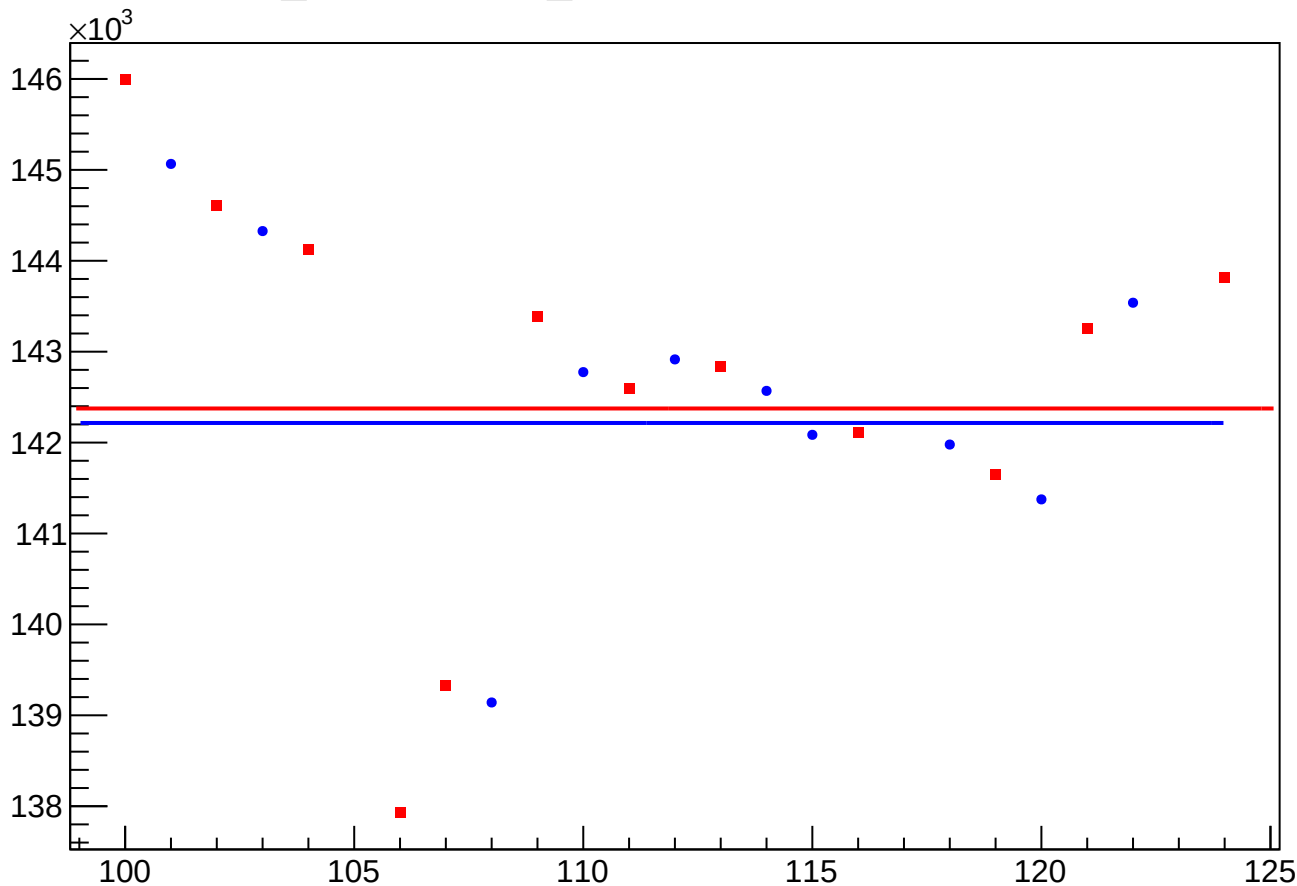
Right: 149.478+/-0.039 χ^2/NDF : 2153432.5/21

In: 152.933+/-0.058 χ^2/NDF : 981832.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.478+/-0.039 χ^2/NDF : 2153432.5/21

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142215.839+/-0.089 χ^2 /NDF: 286584905.8/9

Right: 142306.390+/-0.059 χ^2 /NDF: 636863218.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 142215.839+/-0.089 χ^2 /NDF: 286584905.8/9

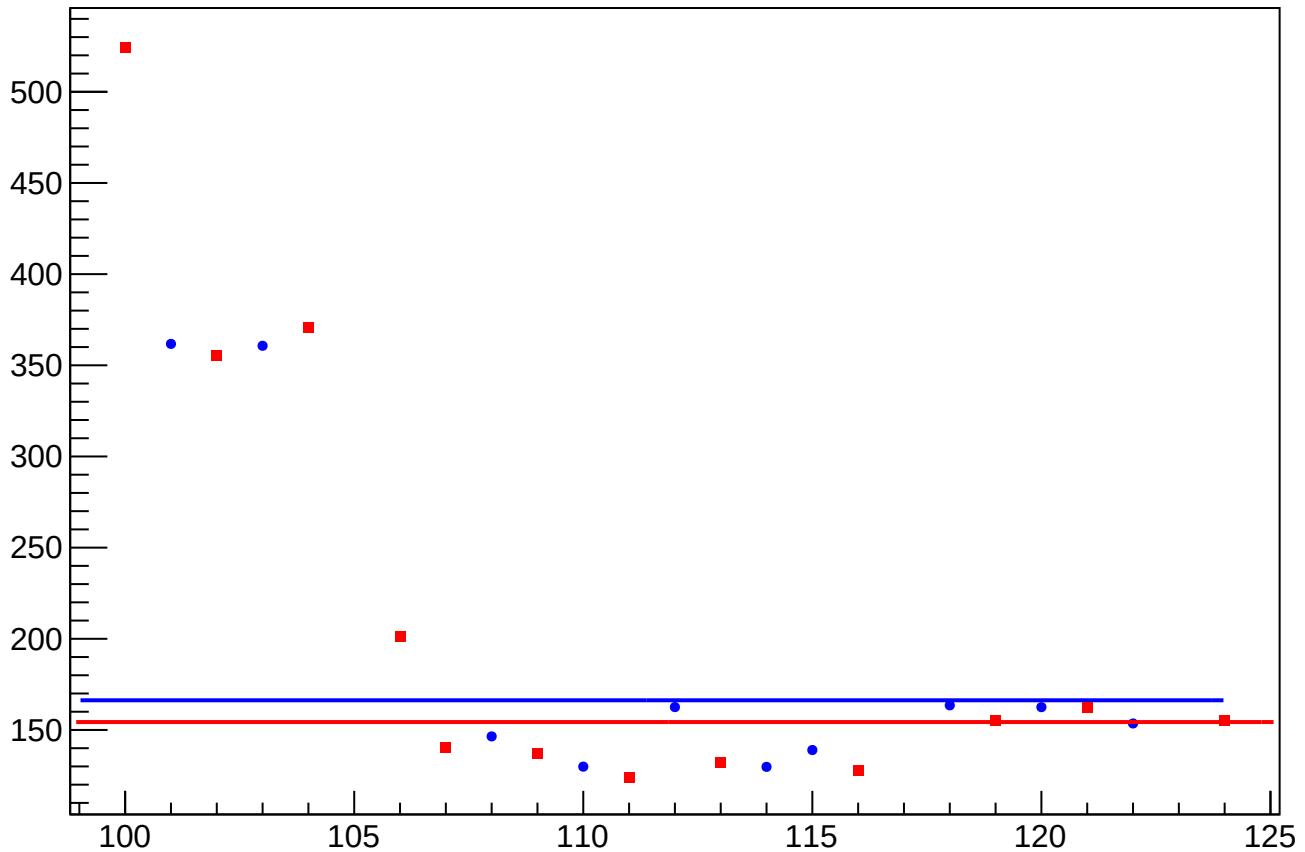
Right Out: 142375.165+/-0.078 χ^2 /NDF: 348458659.2/11

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142306.390+/-0.059 χ^2 /NDF: 636863218.1/2

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 166.280+/-0.063 χ^2/NDF : 835183.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.343+/-0.055 χ^2/NDF : 984983.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

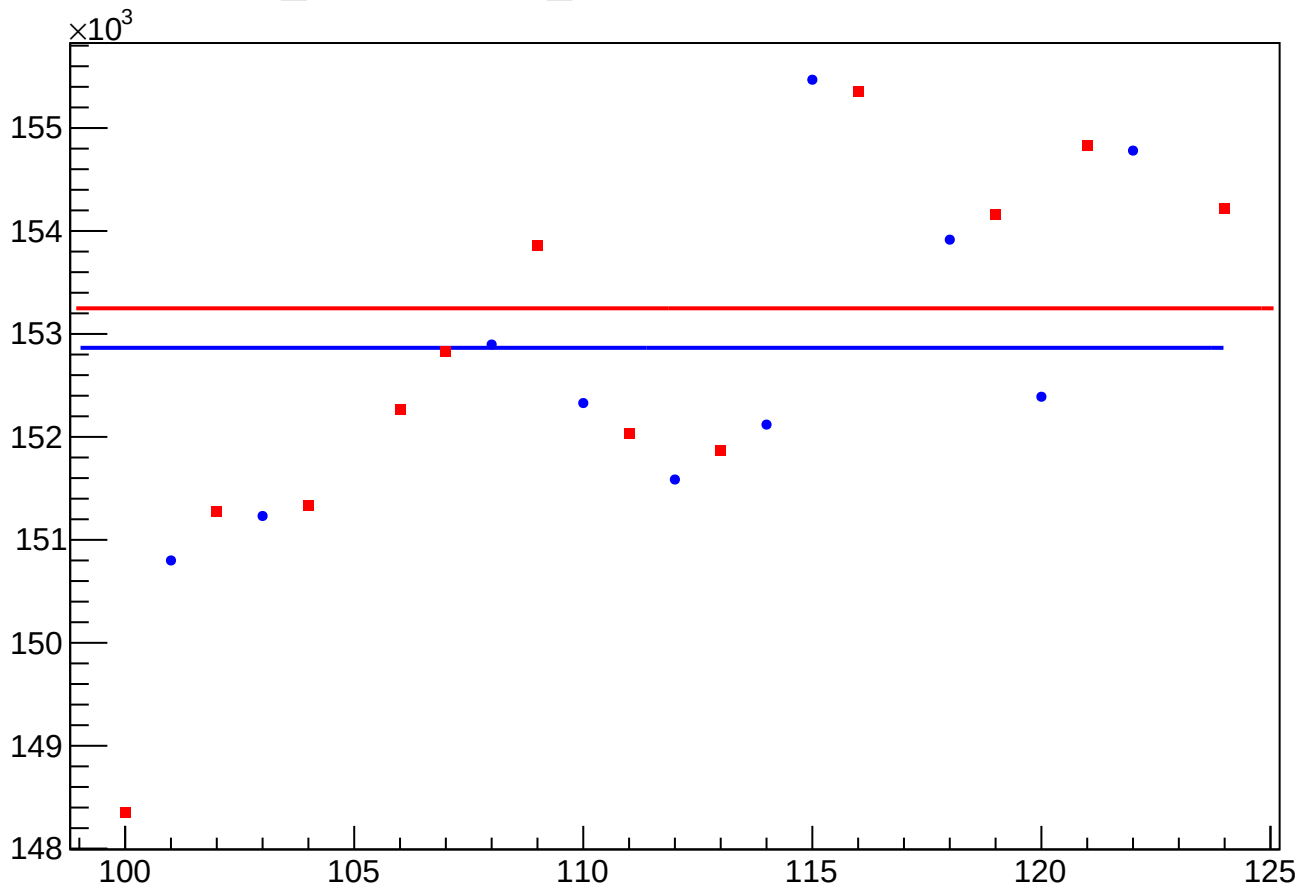
Right: 159.496+/-0.041 χ^2/NDF : 1840593.1/21

In: 166.280+/-0.063 χ^2/NDF : 835183.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

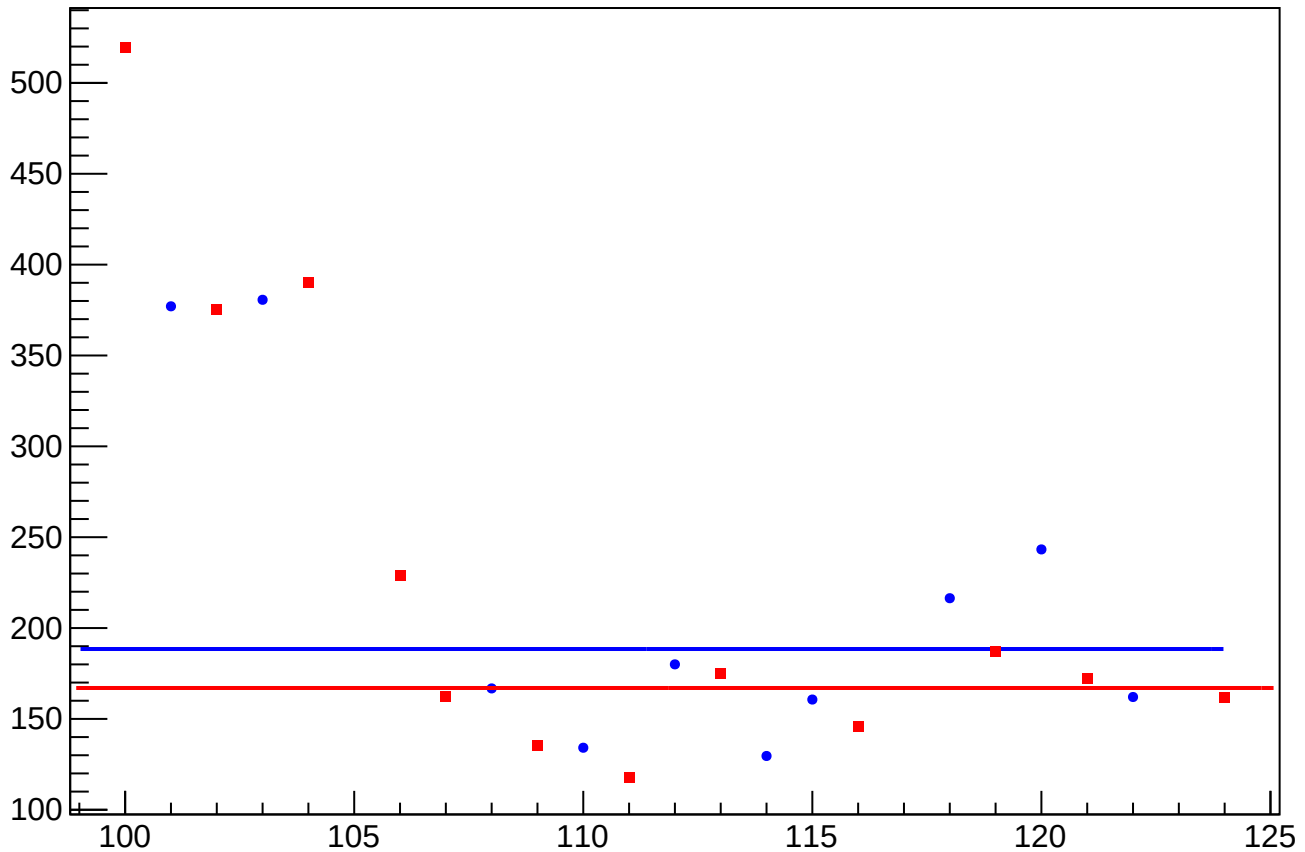
All: 159.496+/-0.041 χ^2/NDF : 1840593.1/21

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 152865.221+/-0.104 χ^2 /NDF: 151047025.9/9
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 153248.919+/-0.086 χ^2 /NDF: 216838693.1/11
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 153092.991+/-0.066 χ^2 /NDF: 375931127.5/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 188.470+/-0.074 χ^2/NDF : 873210.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.019+/-0.061 χ^2/NDF : 1063243.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

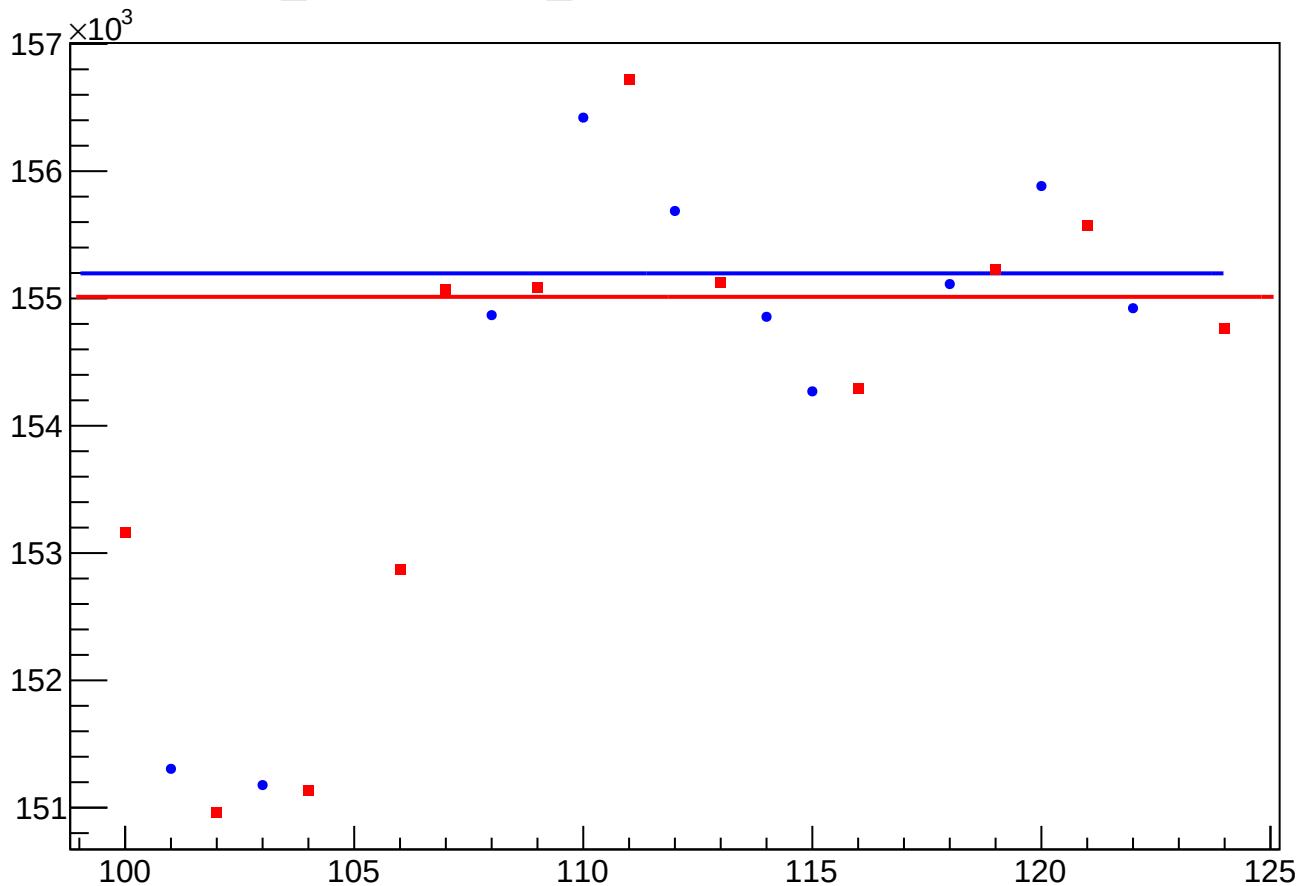
Right: 175.736+/-0.047 χ^2/NDF : 1986748.2/21

In: 188.470+/-0.074 χ^2/NDF : 873210.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

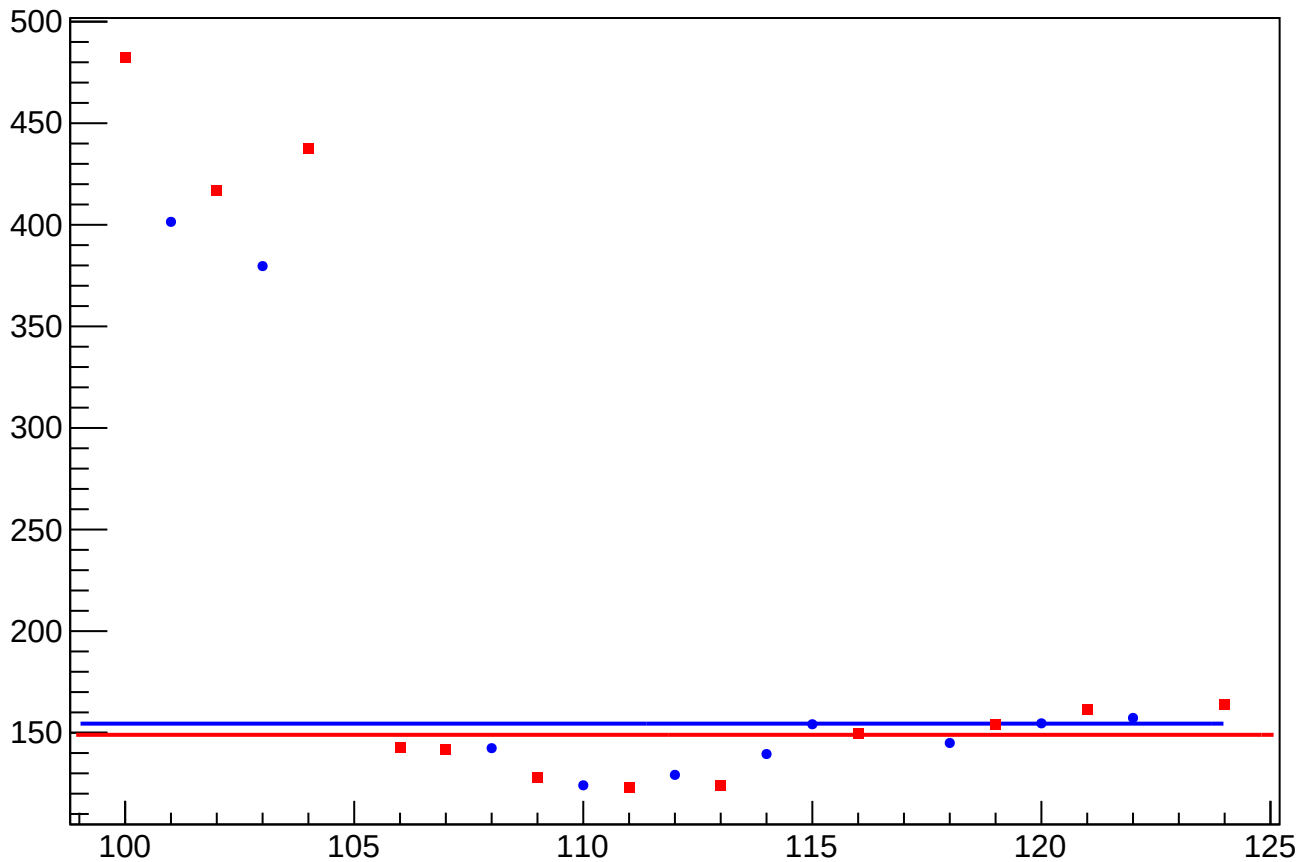
All: 175.736+/-0.047 χ^2/NDF : 1986748.2/21

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 155197.201 $\pm$ 0.083 χ^2 /NDF: 182582707.0/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 155012.828 $\pm$ 0.074 χ^2 /NDF: 271057920.0/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 155094.732 $\pm$ 0.055 χ^2 /NDF: 456370468.7/2
 In: 155197.201 $\pm$ 0.083 χ^2 /NDF:182582707.0/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 155094.732 $\pm$ 0.055 χ^2 /NDF: 456370468.7/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 154.471+/-0.059 χ^2/NDF : 984555.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.962+/-0.053 χ^2/NDF : 1167951.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

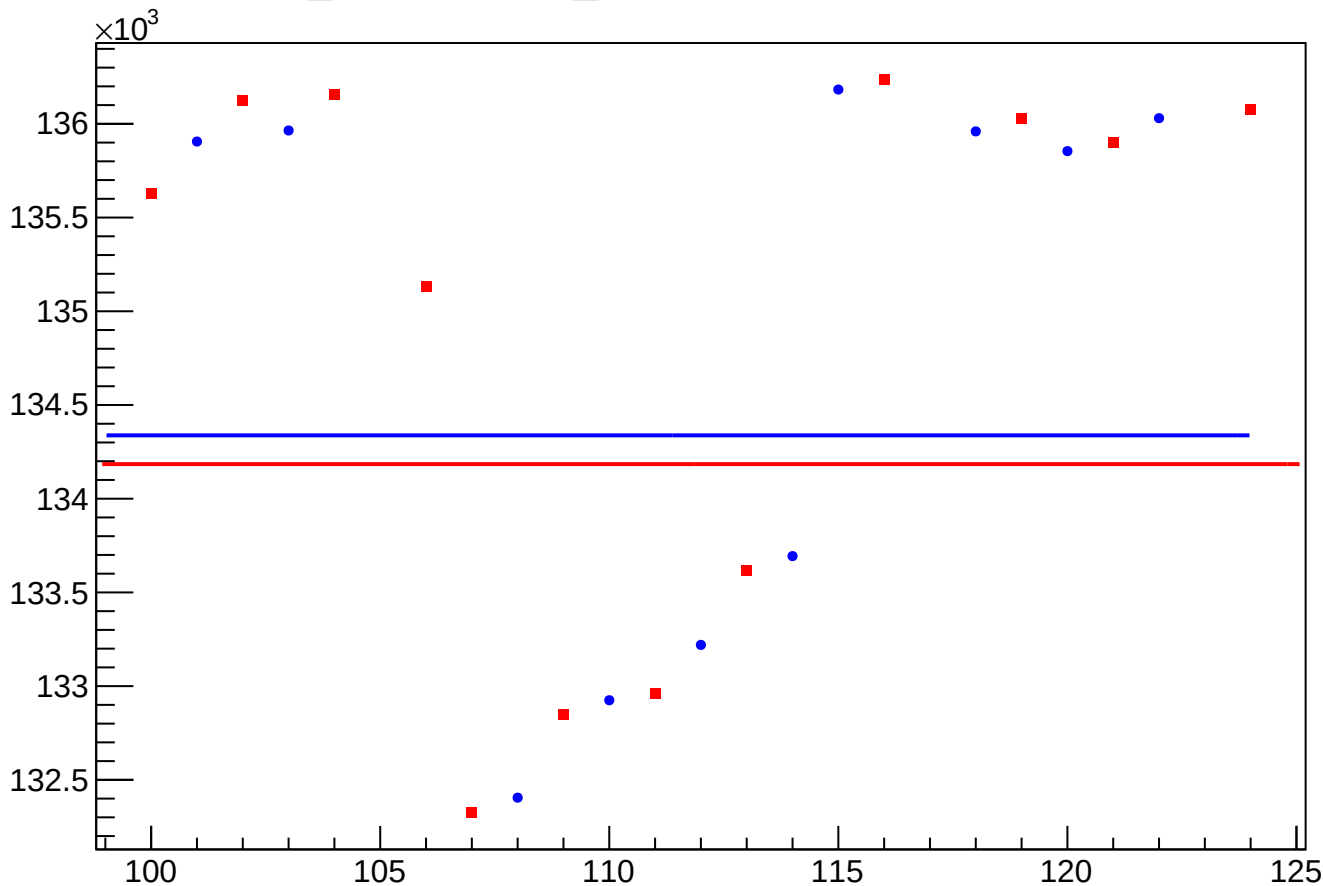
Right: 151.409+/-0.039 χ^2/NDF : 2157380.2/21

In: 154.471+/-0.059 χ^2/NDF : 984555.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.409+/-0.039 χ^2/NDF : 2157380.2/21

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134337.988 $\pm$ 0.064 χ^2 /NDF: 567098668.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134184.375 $\pm$ 0.058 χ^2 /NDF: 629685368.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

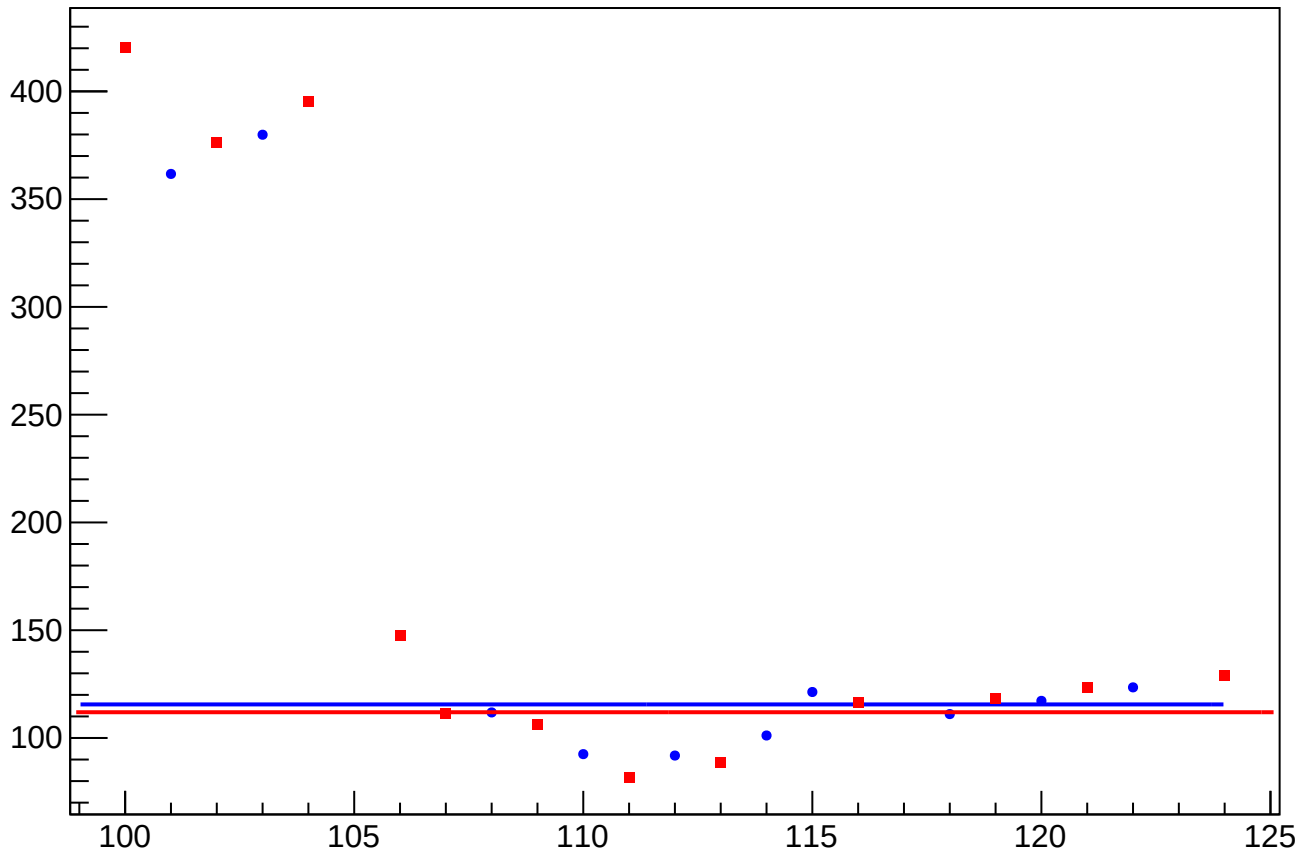
Right: 134253.879 $\pm$ 0.043 χ^2 /NDF: 1199978414.0/11

In: 134337.988 $\pm$ 0.064 χ^2 /NDF: 567098668.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134253.879 $\pm$ 0.043 χ^2 /NDF: 1199978414.0/11

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 115.575+/-0.045 χ^2/NDF : 1306239.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.950+/-0.041 χ^2/NDF : 1476014.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

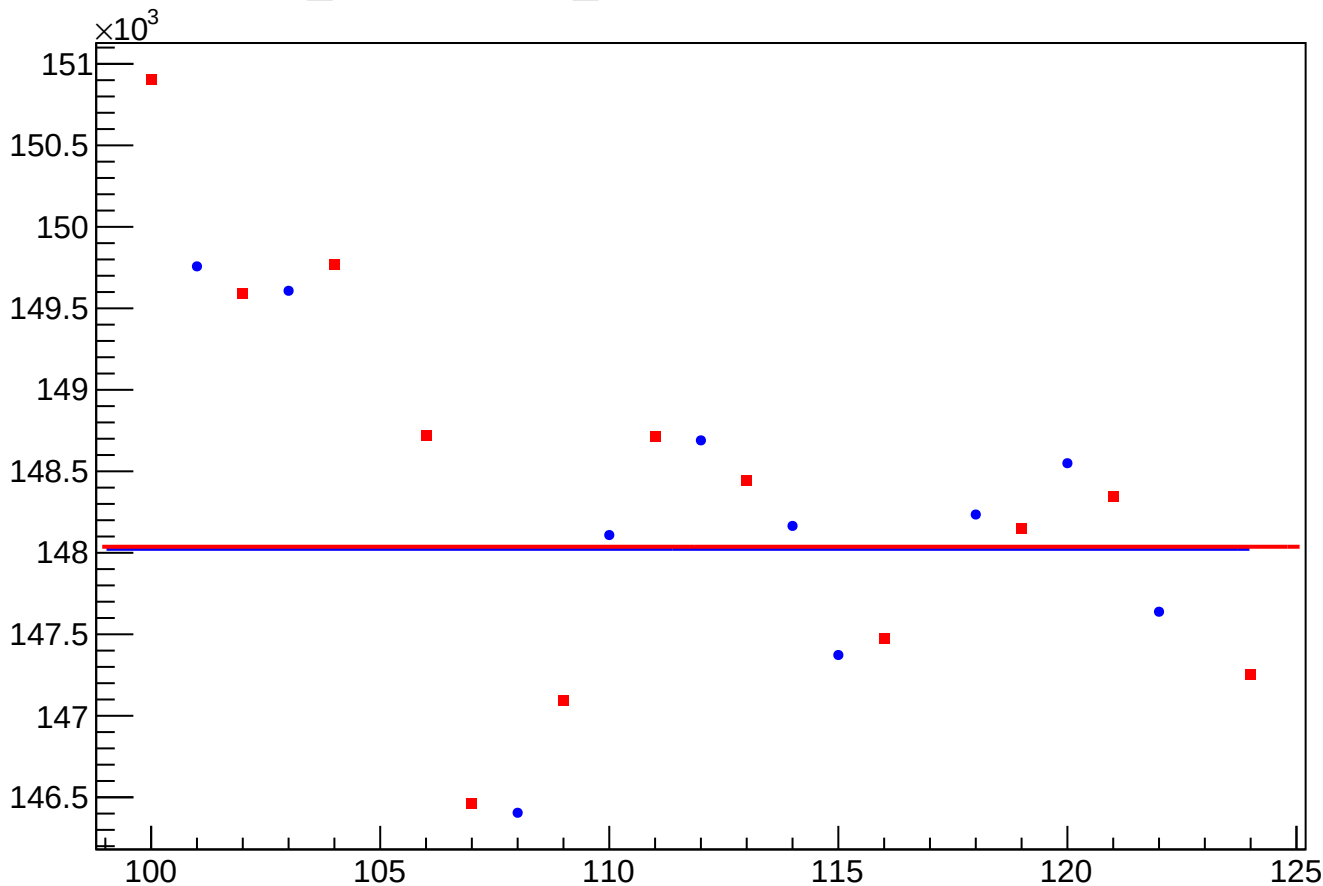
Right: 113.590+/-0.030 χ^2/NDF : 2785811.3/21

In: 115.575+/-0.045 χ^2/NDF : 1306239.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

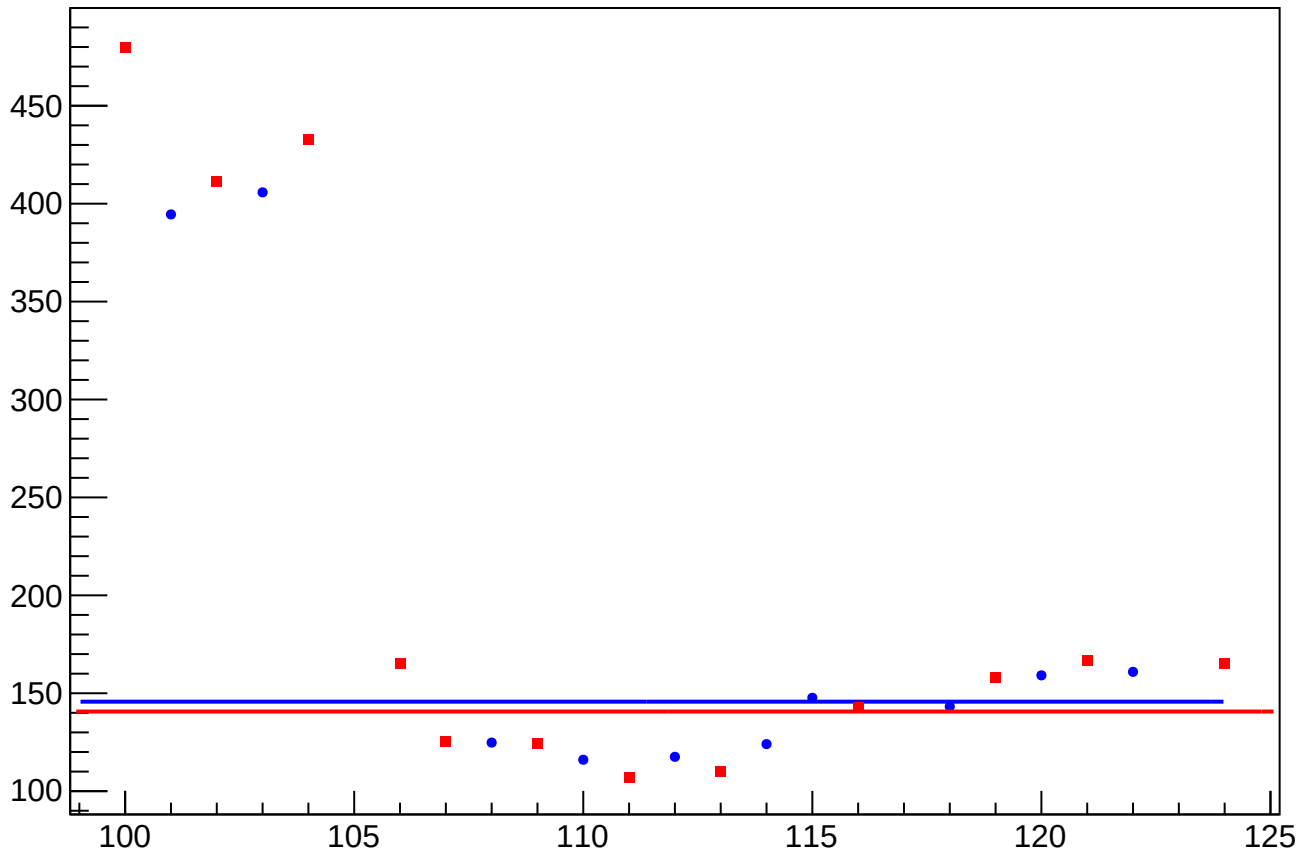
All: 113.590+/-0.030 χ^2/NDF : 2785811.3/21

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 148024.543 $\pm$ 0.079 χ^2 /NDF: 110550822.2/9
 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: 148031.525 $\pm$ 0.053 χ^2 /NDF: 234907244.5/2
 In: 148024.543 $\pm$ 0.079 χ^2 /NDF: 110550822.2/9
 Right Out: 148037.210 $\pm$ 0.071 χ^2 /NDF: 124342324.7/11
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 148031.525 $\pm$ 0.053 χ^2 /NDF: 234907244.5/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 145.702 $\pm$ 0.056 χ^2 /NDF: 1152027.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.666 $\pm$ 0.051 χ^2 /NDF: 1338715.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

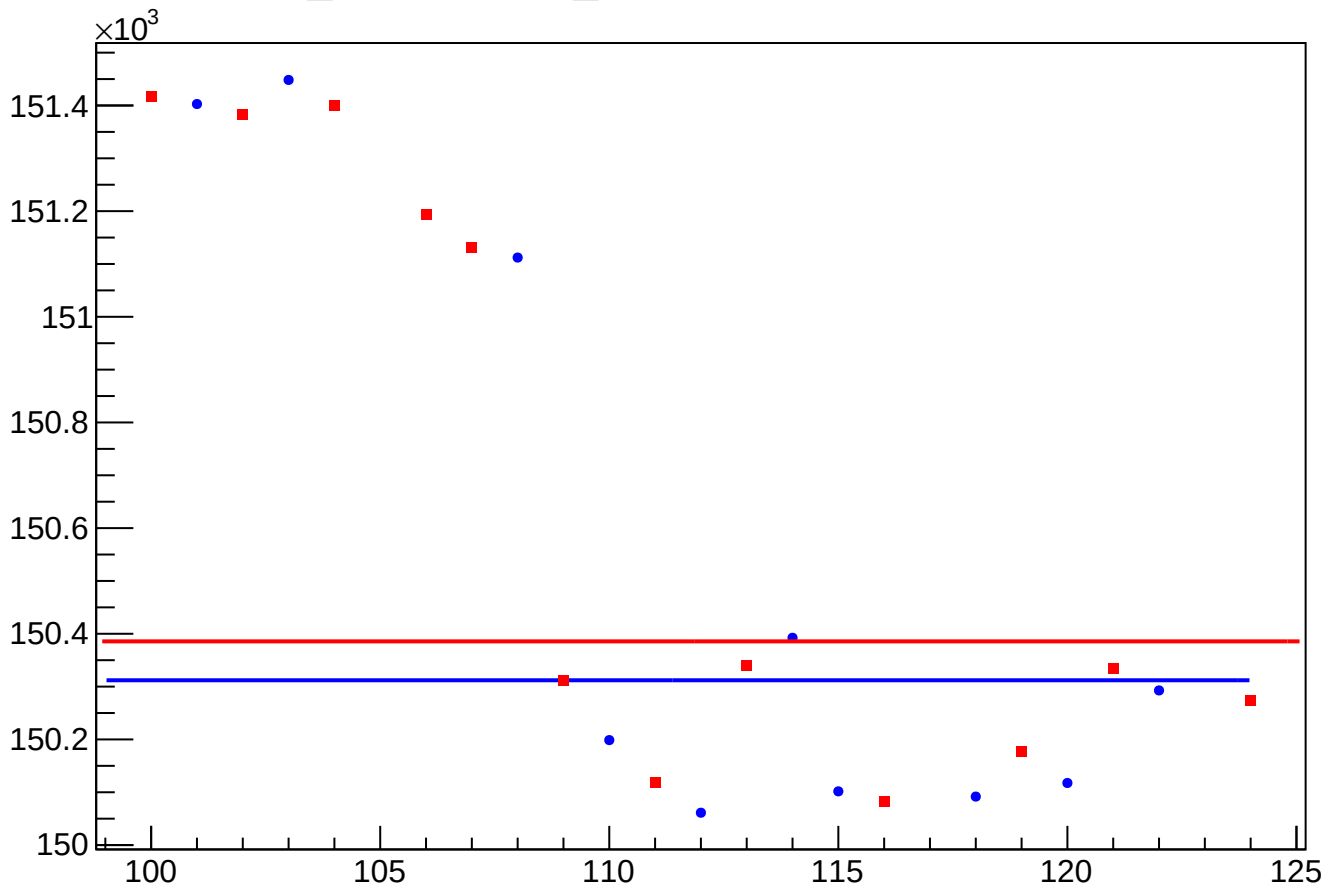
Right: 142.927 $\pm$ 0.038 χ^2 /NDF: 2495199.1/21

In: 145.702 $\pm$ 0.056 χ^2 /NDF:1152027.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

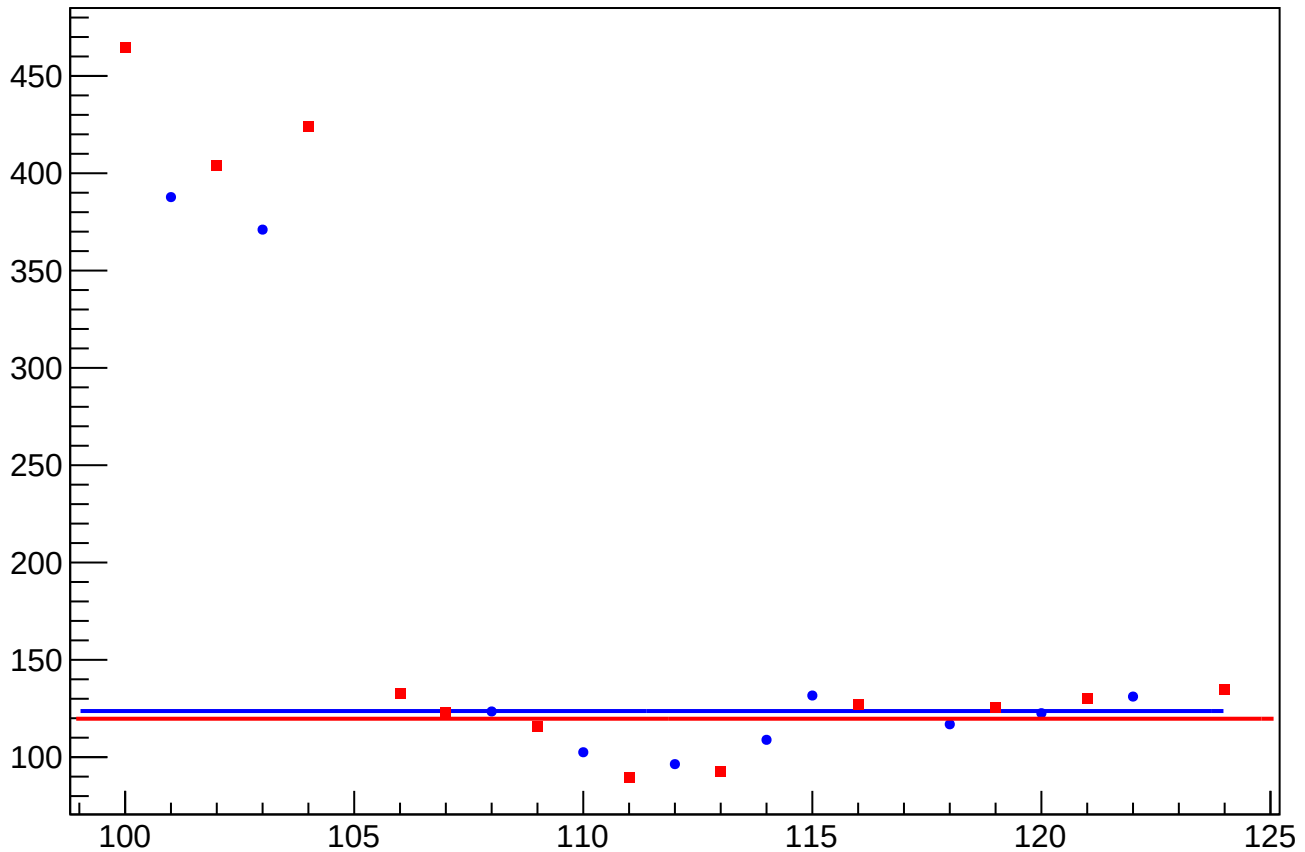
All: 142.927 $\pm$ 0.038 χ^2 /NDF: 2495199.1/21

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150311.984 $\pm$ 0.068 χ^2 /NDF: 33125297.9/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 150385.626 $\pm$ 0.061 χ^2 /NDF: 35108440.9/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 150352.750 $\pm$ 0.045 χ^2 /NDF: 68882078.9/21
 In: 150311.984 $\pm$ 0.068 χ^2 /NDF:33125297.9/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 150352.750 $\pm$ 0.045 χ^2 /NDF: 68882078.9/21

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 123.695+/-0.048 χ^2/NDF : 1224442.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.745+/-0.043 χ^2/NDF : 1445447.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

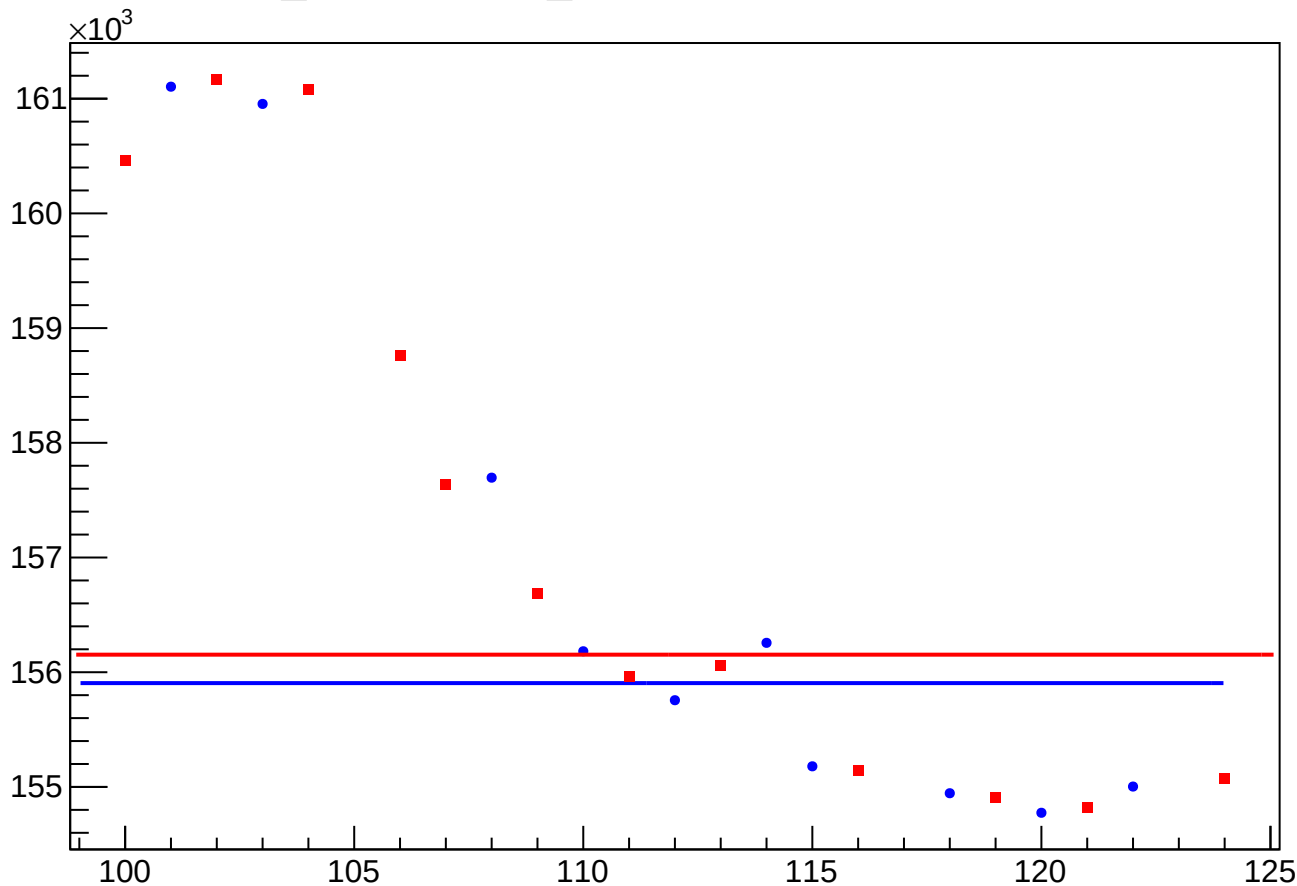
Right: 121.508+/-0.032 χ^2/NDF : 2673621.1/21

In: 123.695+/-0.048 χ^2/NDF : 1224442.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

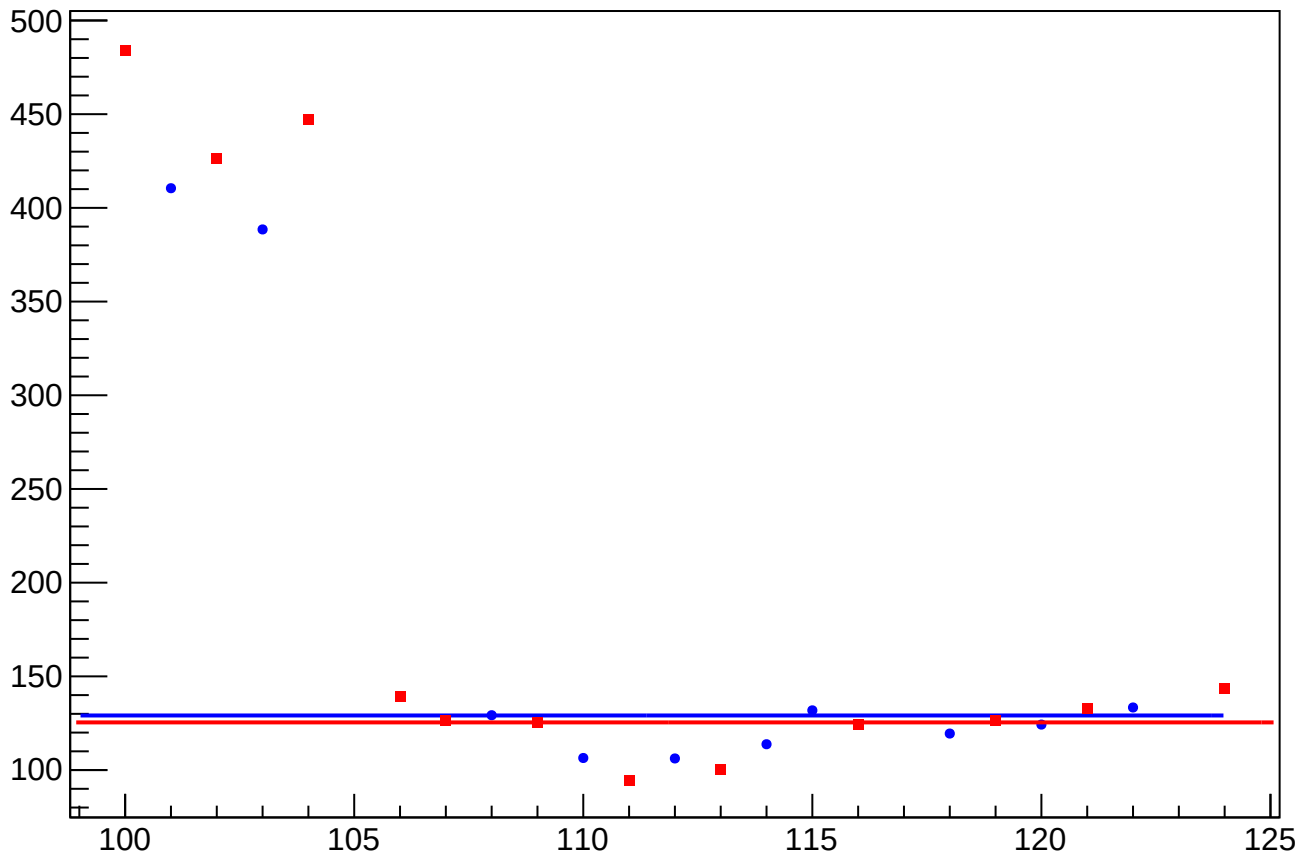
All: 121.508+/-0.032 χ^2/NDF : 2673621.1/21

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 155905.133 $\pm$ 0.071 χ^2/NDF : 363787074.8/9
 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: 156042.035 $\pm$ 0.047 χ^2/NDF : 808732976.2/2
 Right Out: 156153.054 $\pm$ 0.064 χ^2/NDF : 438205383.8/11
 In: 155905.133 $\pm$ 0.071 χ^2/NDF : 363787074.8/9
 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: 156042.035 $\pm$ 0.047 χ^2/NDF : 808732976.2/2

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 129.132+/-0.050 χ^2/NDF : 1207163.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.435+/-0.045 χ^2/NDF : 1422599.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

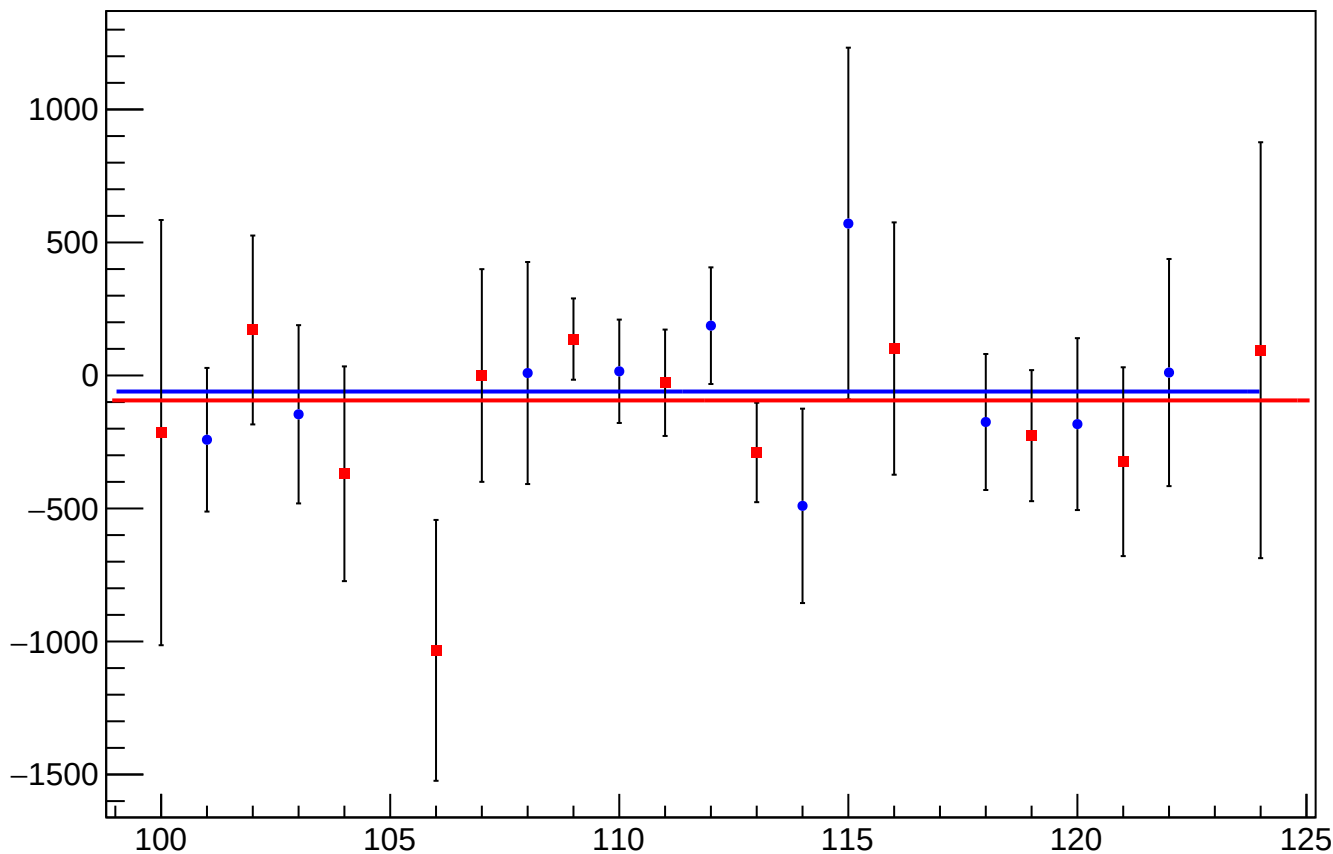
Right: 127.091+/-0.034 χ^2/NDF : 2632760.4/21

In: 129.132+/-0.050 χ^2/NDF : 1207163.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.091+/-0.034 χ^2/NDF : 2632760.4/21

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -60.329 ± 92.926 χ^2/NDF : 4.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -93.808 ± 80.841 χ^2/NDF : 9.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

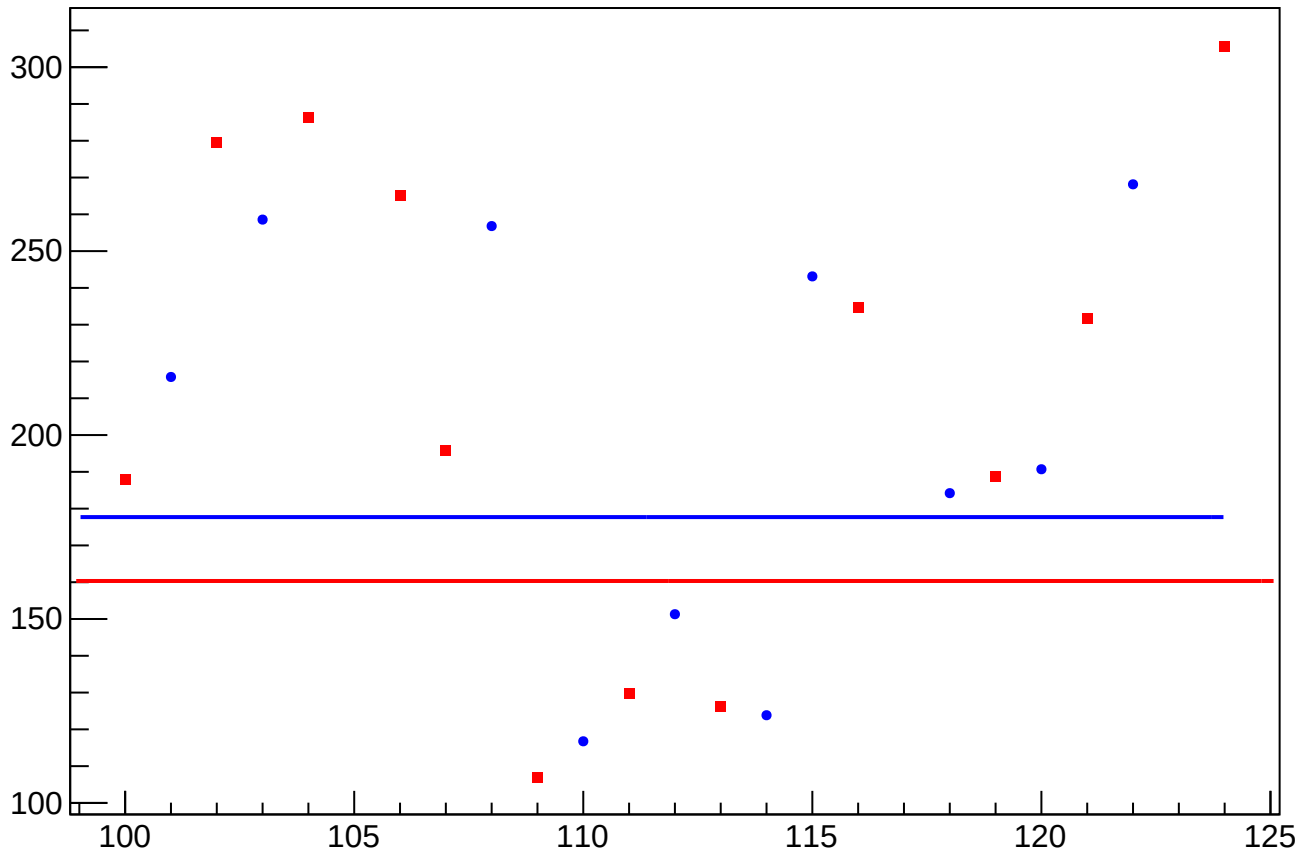
Right: -79.386 ± 60.991 χ^2/NDF : 13.9/21

In: -60.329 ± 92.926 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -79.386 ± 60.991 χ^2/NDF : 13.9/21

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 177.701+/-0.066 χ^2/NDF : 611295.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.332+/-0.057 χ^2/NDF : 1112501.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

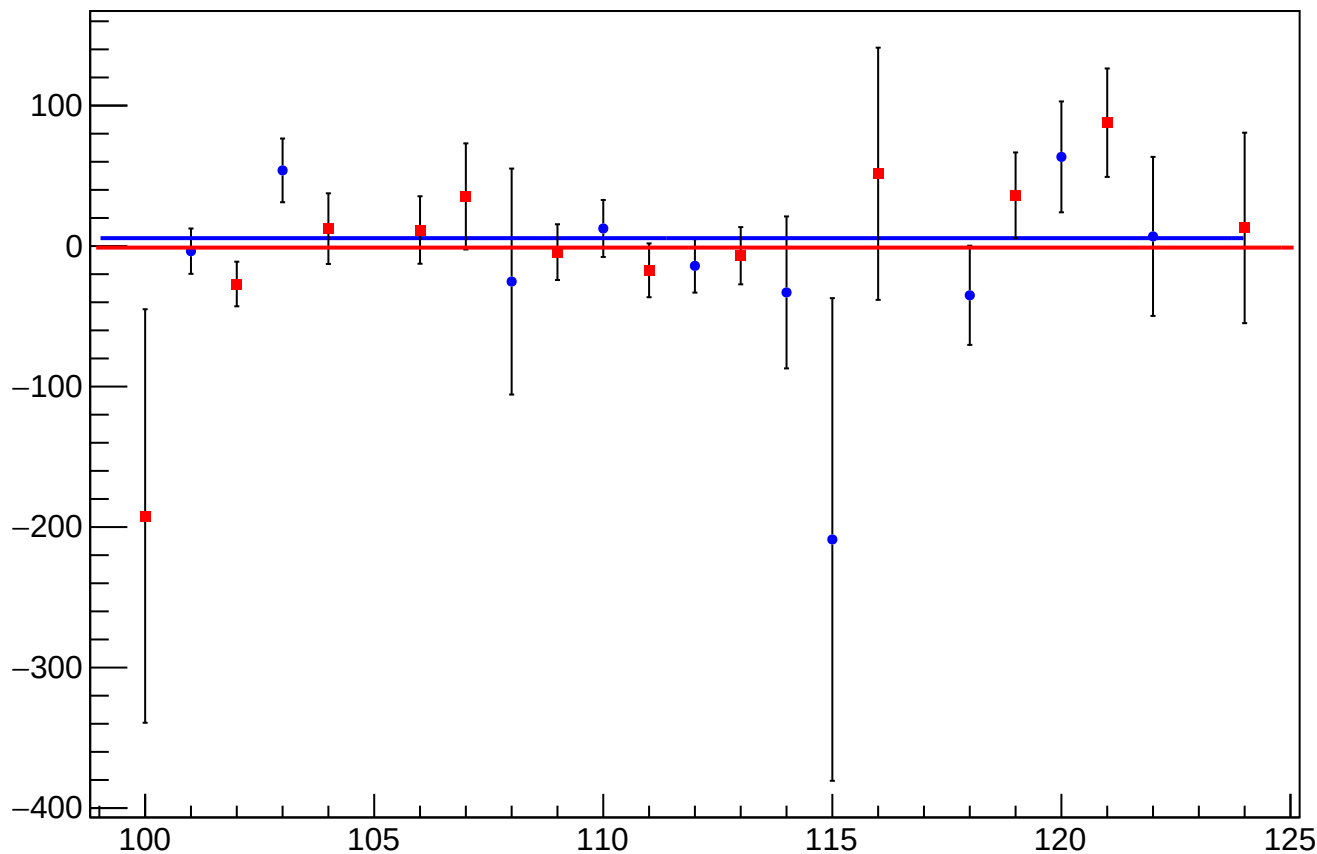
Right: 167.814+/-0.043 χ^2/NDF : 1763569.9/21

In: 177.701+/-0.066 χ^2/NDF : 611295.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.814+/-0.043 χ^2/NDF : 1763569.9/21

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 5.643+/-8.682 χ^2/NDF : 11.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.077+/-7.496 χ^2/NDF : 13.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

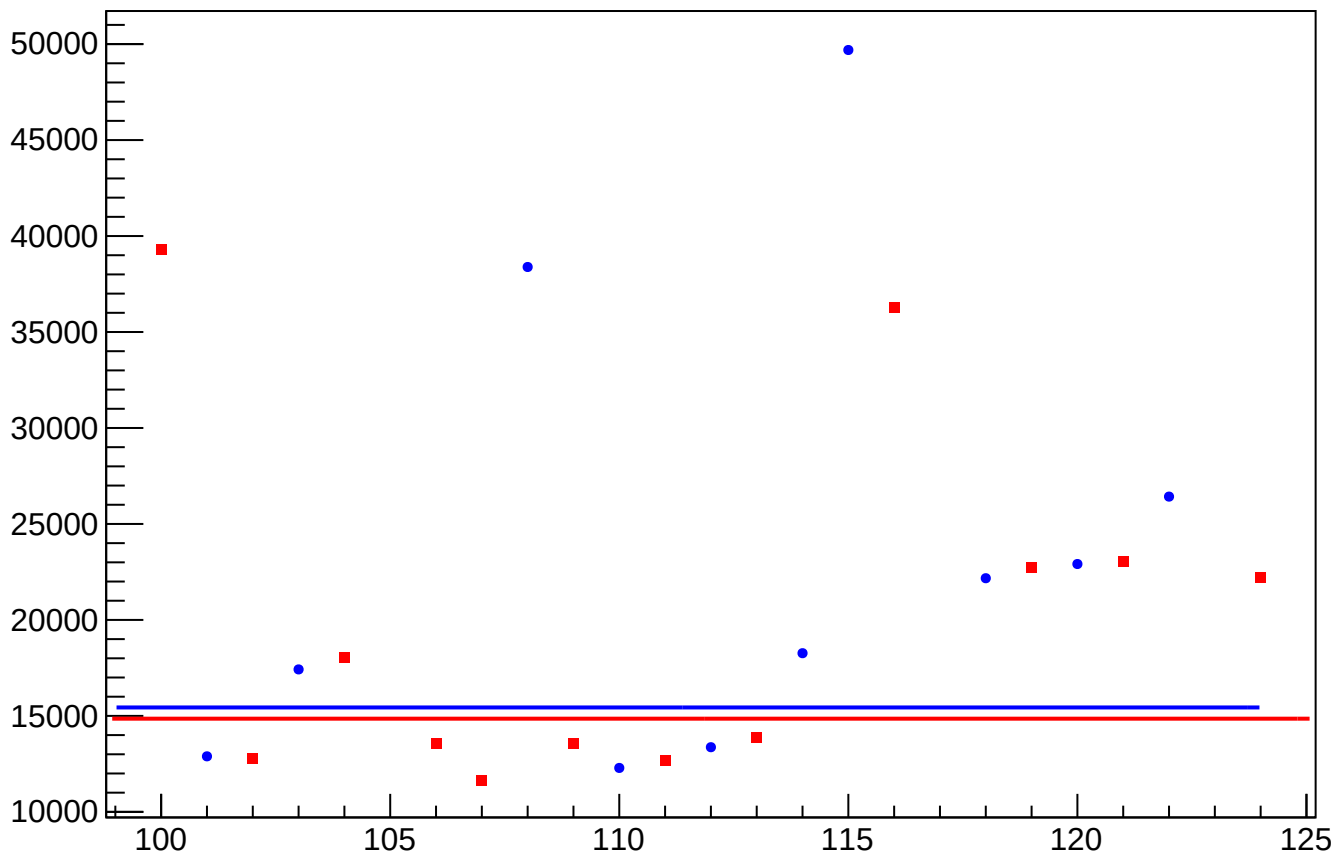
Right: 1.793+/-5.674 χ^2/NDF : 25.9/21

In: 5.643+/-8.682 χ^2/NDF : 11.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.793+/-5.674 χ^2/NDF : 25.9/21

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 15439.690+/-6.139 χ^2/NDF : 604707.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14855.095+/-5.301 χ^2/NDF : 543720.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

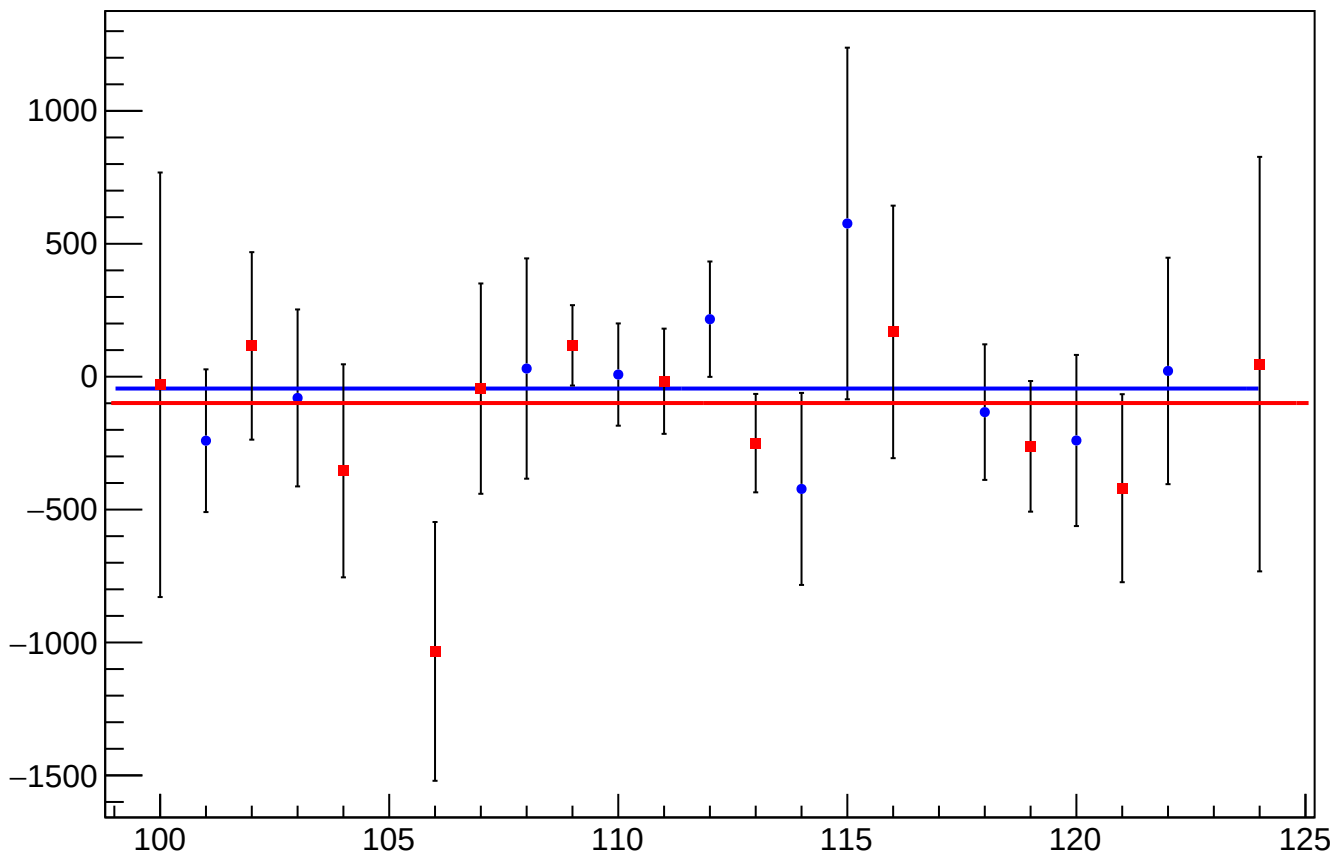
Right: 15104.753+/-4.012 χ^2/NDF : 1153622.7/21

In: 15439.690+/-6.139 χ^2/NDF : 604707.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15104.753+/-4.012 χ^2/NDF : 1153622.7/21

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -44.591 ± 92.272 χ^2/NDF : 4.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -99.145 ± 80.194 χ^2/NDF : 9.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

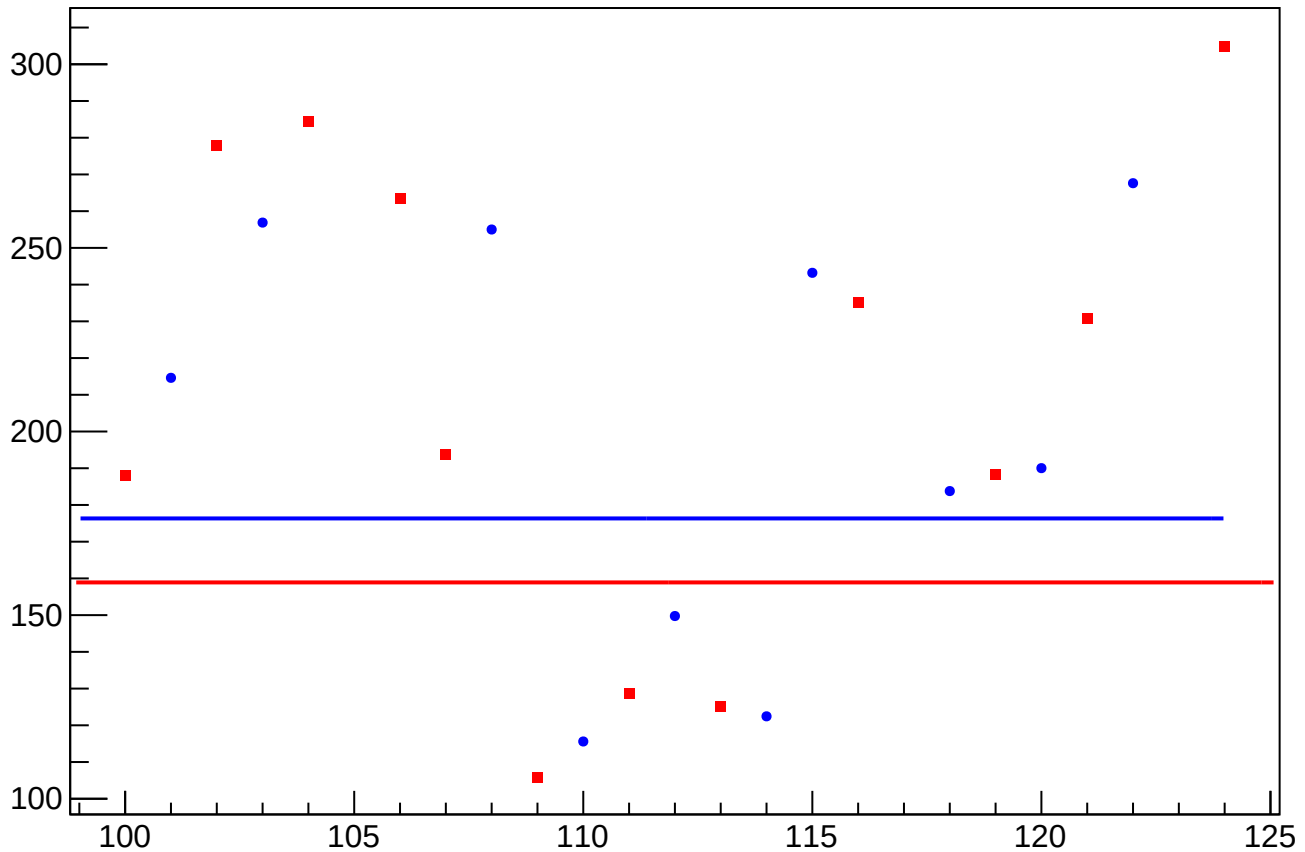
Right: -75.670 ± 60.528 χ^2/NDF : 13.8/21

In: -44.591 ± 92.272 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.670 ± 60.528 χ^2/NDF : 13.8/21

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 176.331+/-0.065 χ^2/NDF : 621356.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.907+/-0.057 χ^2/NDF : 1126180.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

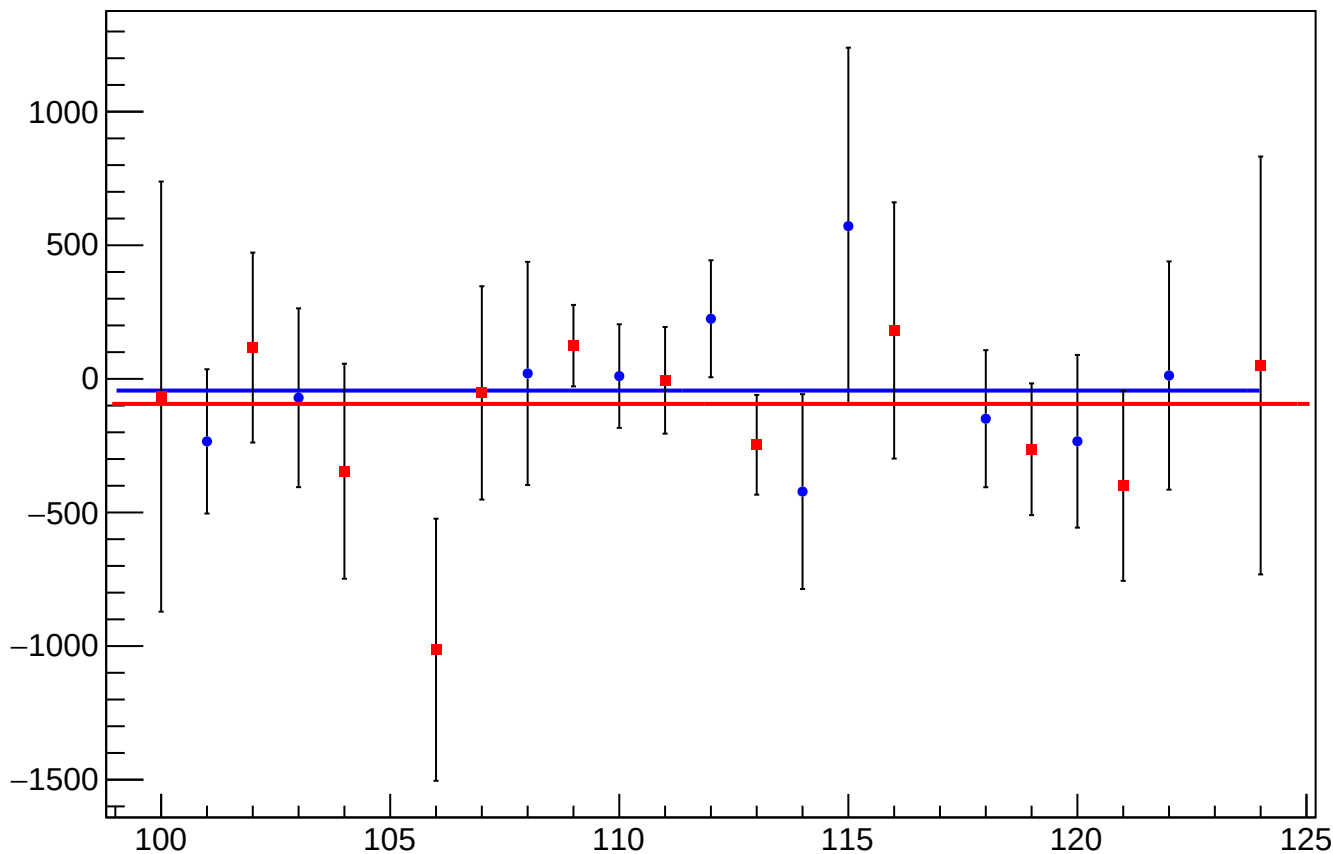
Right: 166.405+/-0.043 χ^2/NDF : 1788163.7/21

In: 176.331+/-0.065 χ^2/NDF : 621356.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.405+/-0.043 χ^2/NDF : 1788163.7/21

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -43.817 ± 92.885 χ^2/NDF : 4.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -93.654 ± 80.768 χ^2/NDF : 8.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

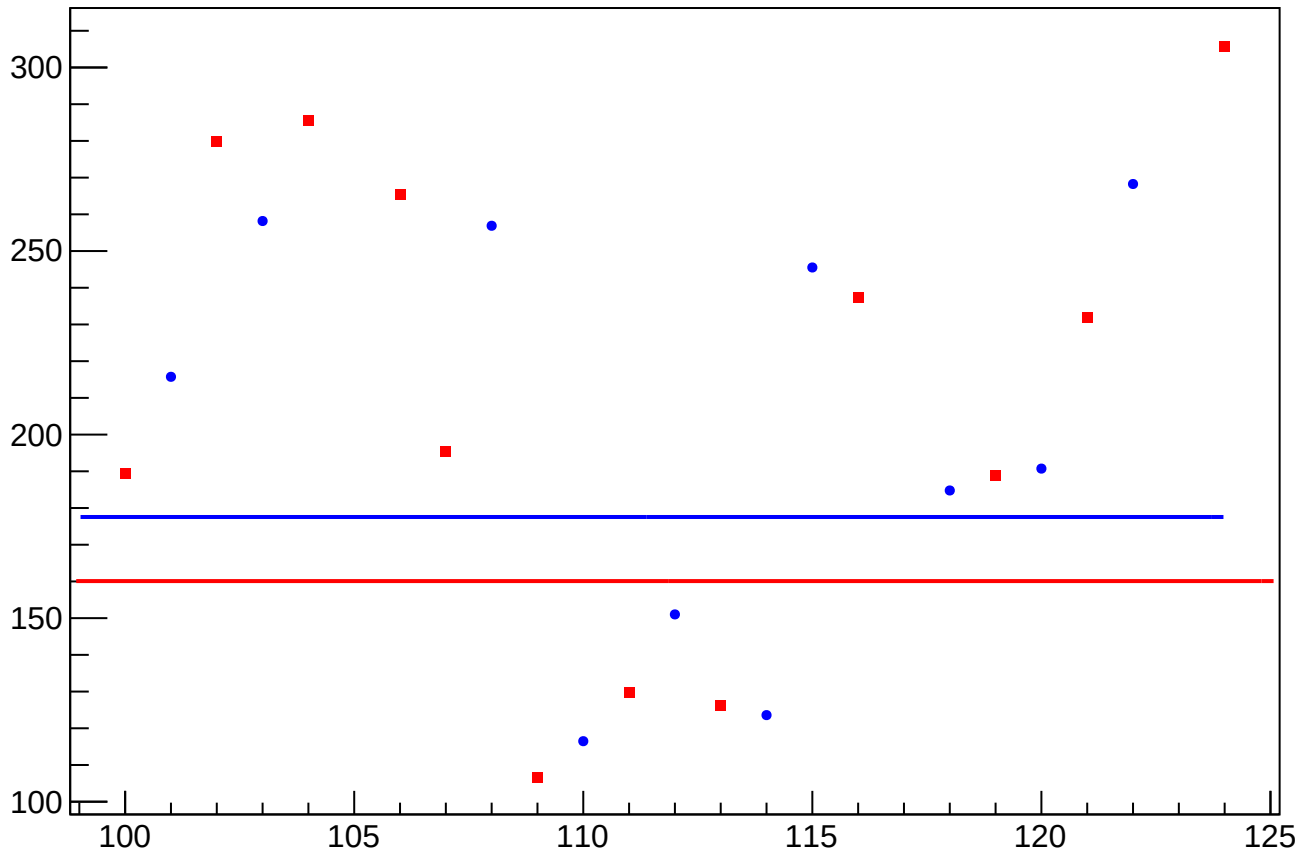
Right: -72.196 ± 60.949 χ^2/NDF : 13.5/21

In: -43.817 ± 92.885 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.196 ± 60.949 χ^2/NDF : 13.5/21

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 177.556+/-0.066 χ^2/NDF : 615947.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.096+/-0.057 χ^2/NDF : 1120582.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

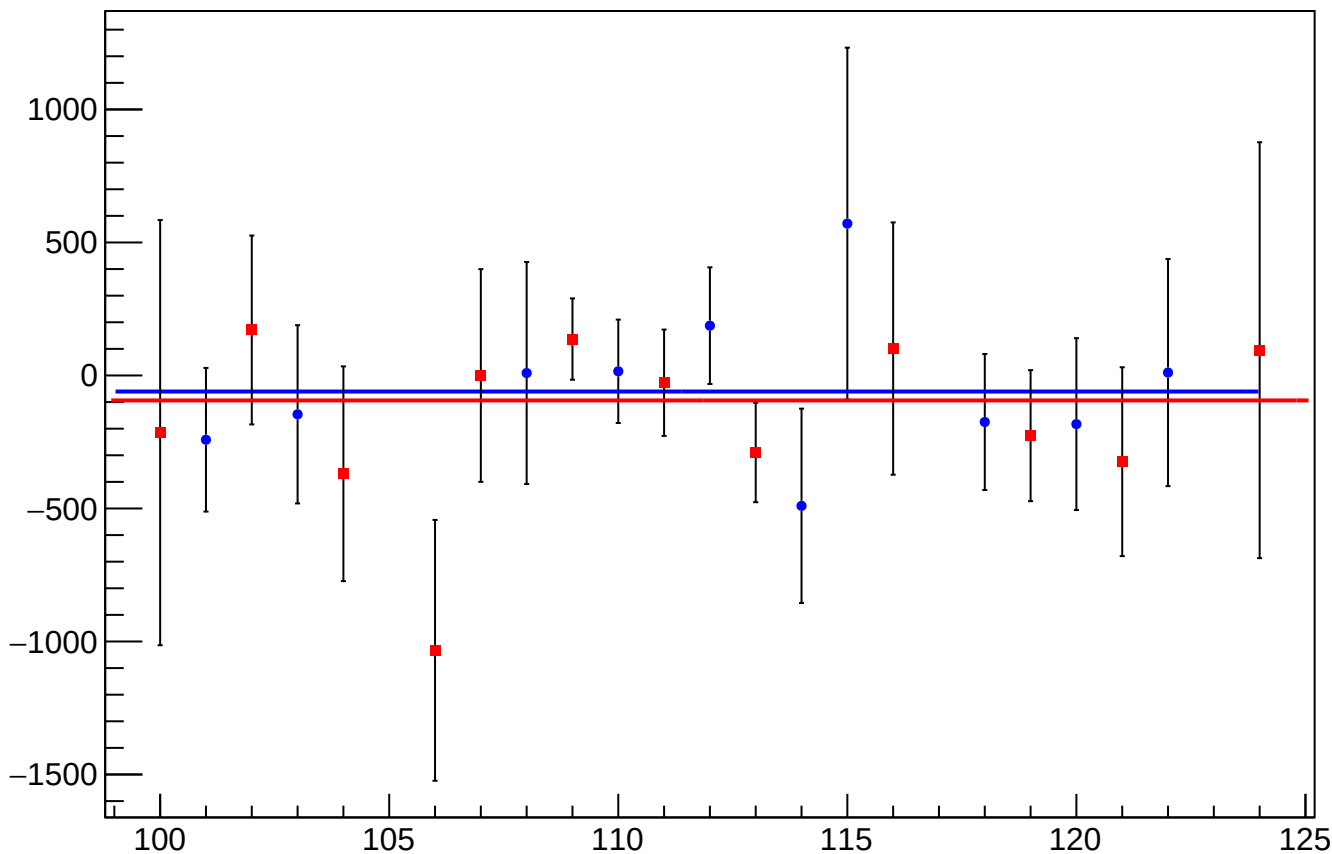
Right: 167.614+/-0.043 χ^2/NDF : 1776769.3/21

In: 177.556+/-0.066 χ^2/NDF : 615947.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.614+/-0.043 χ^2/NDF : 1776769.3/21

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -60.329+/-92.926 χ^2/NDF : 4.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.808+/-80.841 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

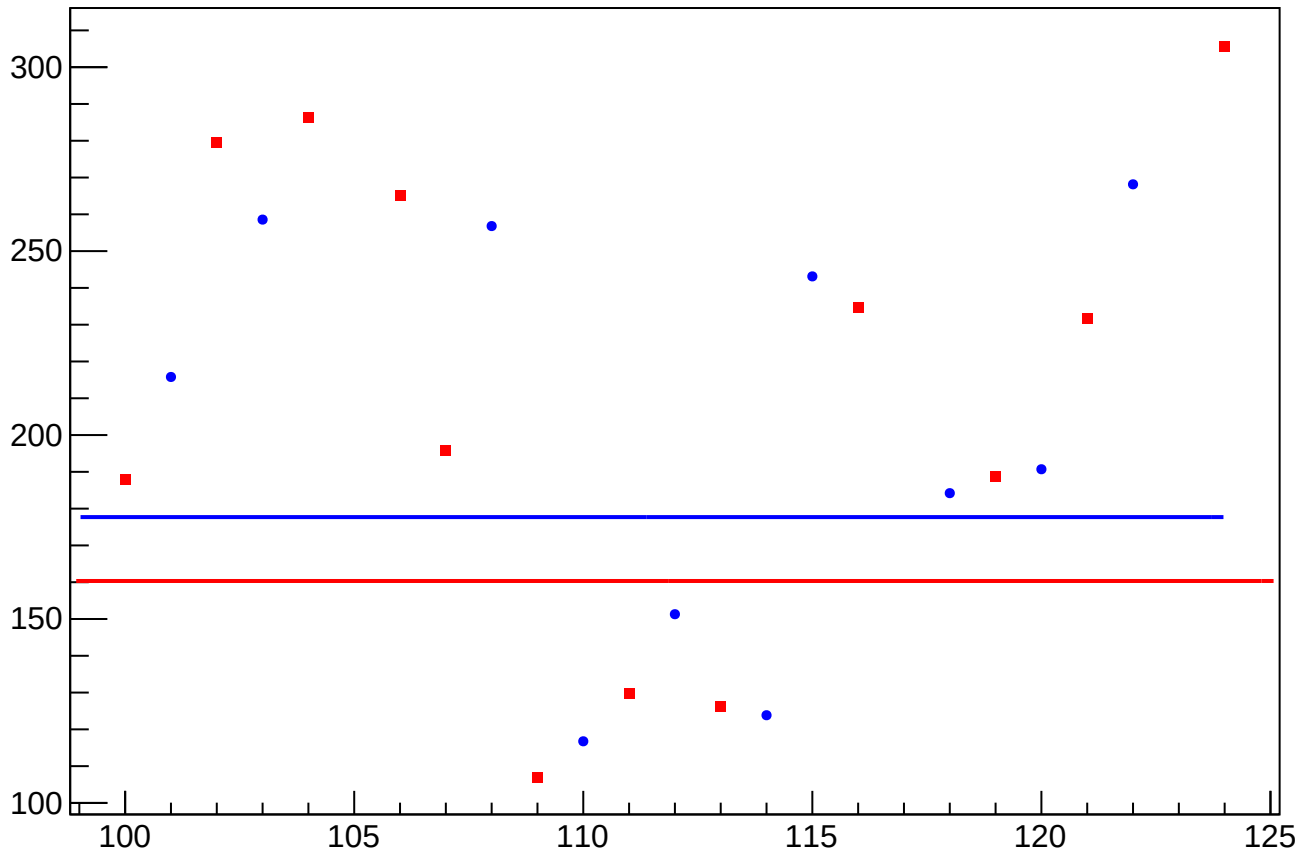
Right: -79.386+/-60.991 χ^2/NDF : 13.9/21

In: -60.329+/-92.926 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.386+/-60.991 χ^2/NDF : 13.9/21

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 177.701+/-0.066 χ^2/NDF : 611295.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.332+/-0.057 χ^2/NDF : 1112501.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

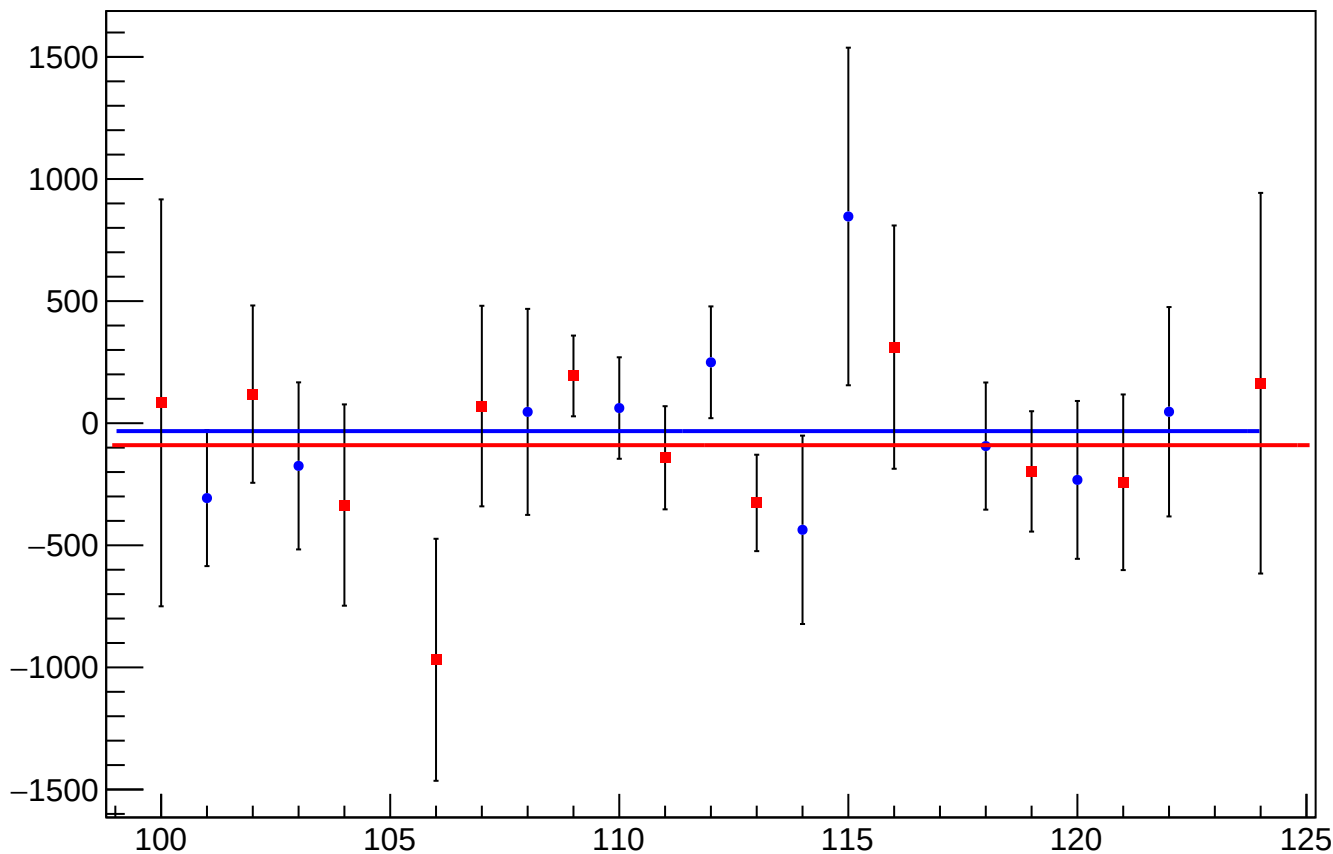
Right: 167.814+/-0.043 χ^2/NDF : 1763569.9/21

In: 177.701+/-0.066 χ^2/NDF : 611295.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.814+/-0.043 χ^2/NDF : 1763569.9/21

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -32.364 ± 96.284 χ^2/NDF : 6.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -89.931 ± 84.683 χ^2/NDF : 9.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

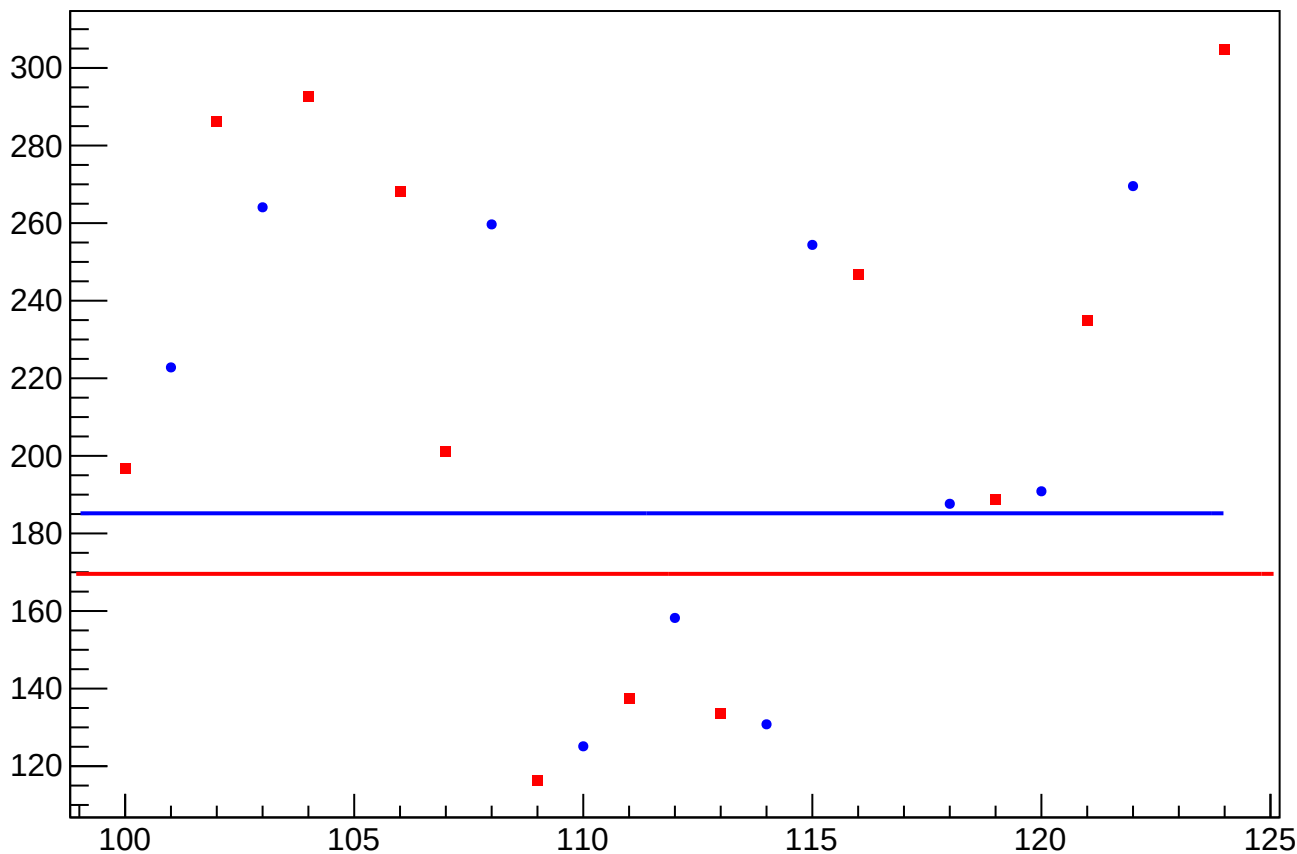
Right: -64.823 ± 63.588 χ^2/NDF : 15.9/21

In: -32.364 ± 96.284 χ^2/NDF : 6.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.823 ± 63.588 χ^2/NDF : 15.9/21

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 185.190+/-0.068 χ^2/NDF : 538071.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.578+/-0.060 χ^2/NDF : 983618.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

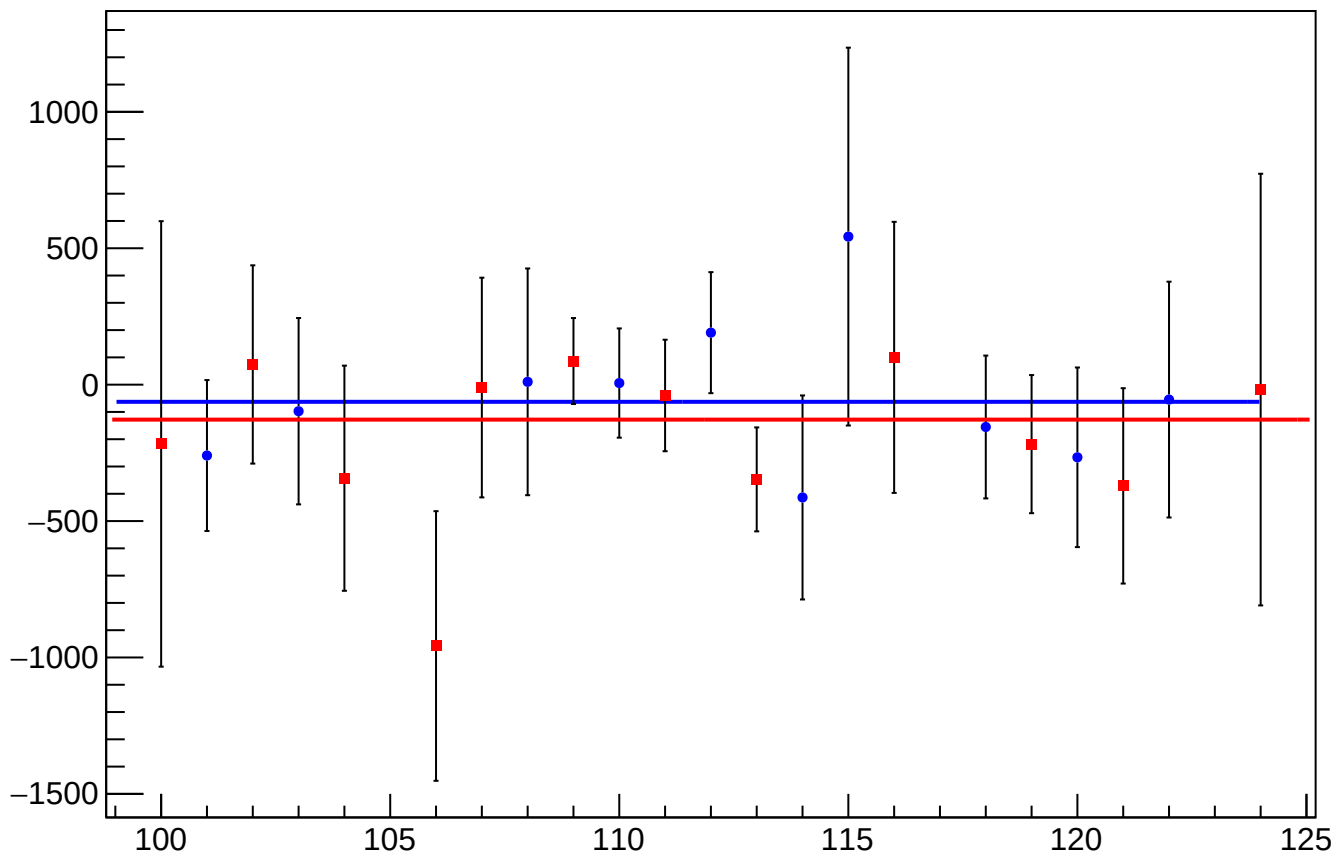
Right: 176.387+/-0.045 χ^2/NDF : 1551338.2/21

In: 185.190+/-0.068 χ^2/NDF : 538071.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.387+/-0.045 χ^2/NDF : 1551338.2/21

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -62.872 ± 94.866 χ^2/NDF : 4.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -128.110 ± 82.748 χ^2/NDF : 7.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

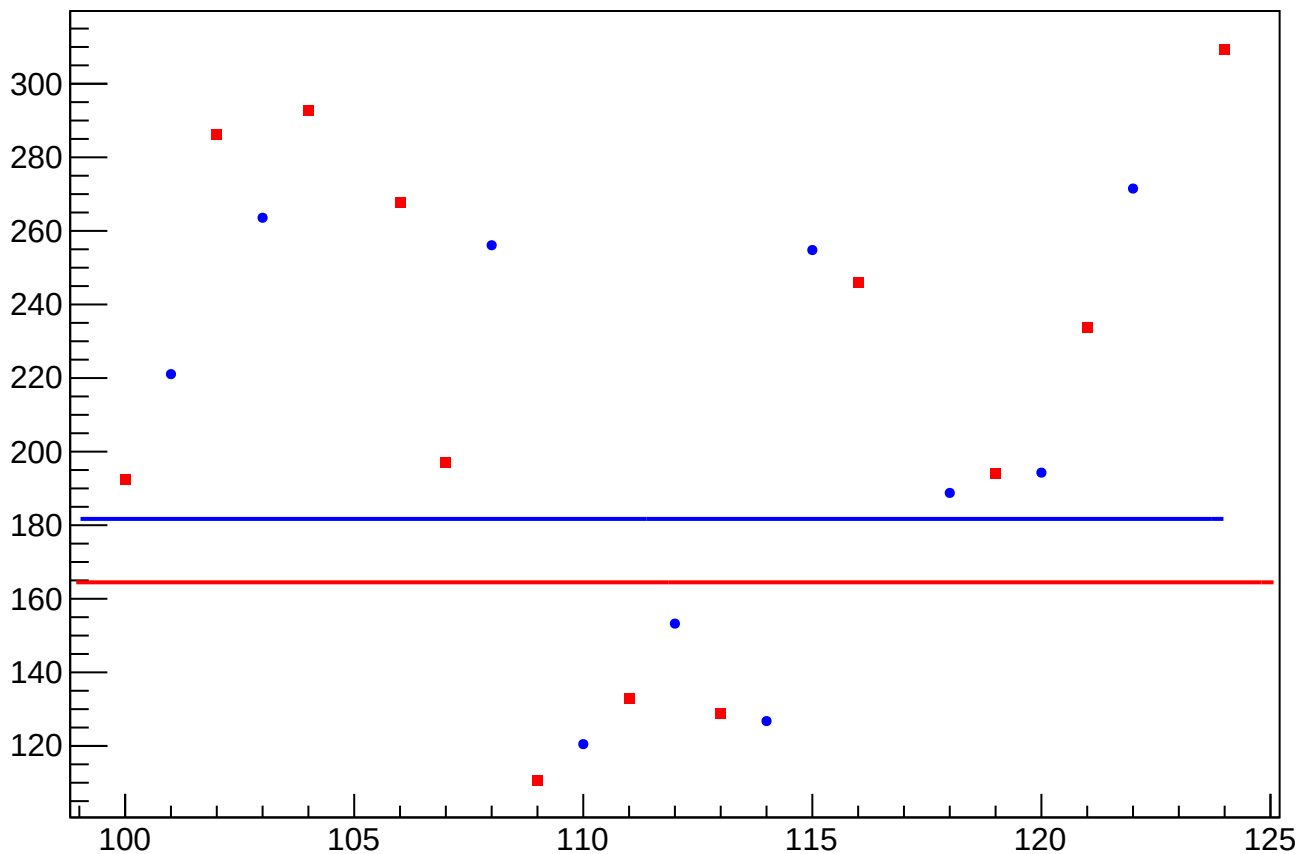
Right: -99.921 ± 62.359 χ^2/NDF : 12.1/21

In: -62.872 ± 94.866 χ^2/NDF : 4.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -99.921 ± 62.359 χ^2/NDF : 12.1/21

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 181.716+/-0.067 χ^2/NDF : 595637.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.475+/-0.059 χ^2/NDF : 1094635.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

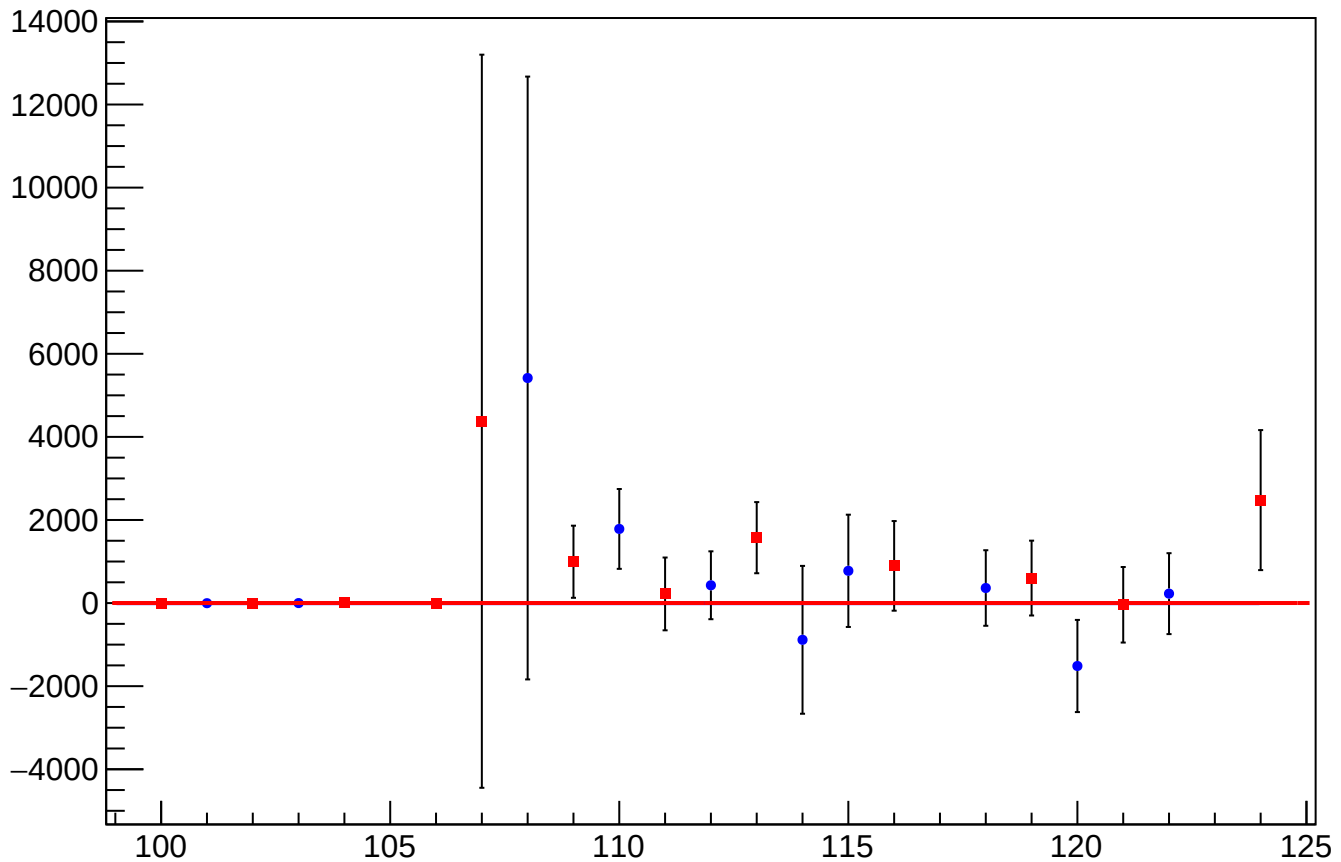
Right: 171.925+/-0.044 χ^2/NDF : 1727789.9/21

In: 181.716+/-0.067 χ^2/NDF : 595637.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.925+/-0.044 χ^2/NDF : 1727789.9/21

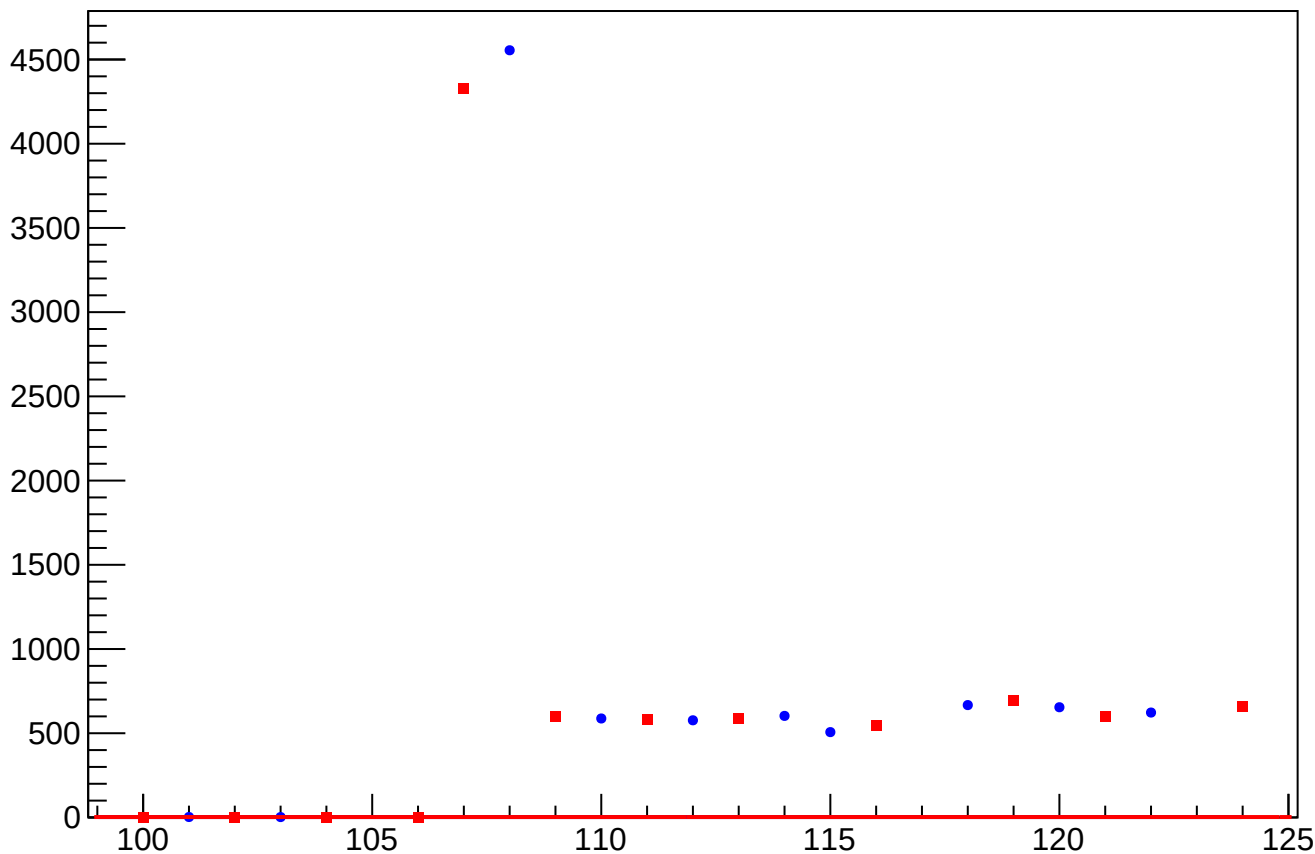
asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.207+/-2.171 χ^2/NDF : 7.4/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1.388+/-2.022 χ^2/NDF : 13.5/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.182+/-1.480 χ^2/NDF : 21.6/21
 In: -1.207+/-2.171 χ^2/NDF : 7.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.182+/-1.480 χ^2/NDF : 21.6/21

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.449+/-0.002 χ^2/NDF : 5610183.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.442+/-0.001 χ^2/NDF : 6105108.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

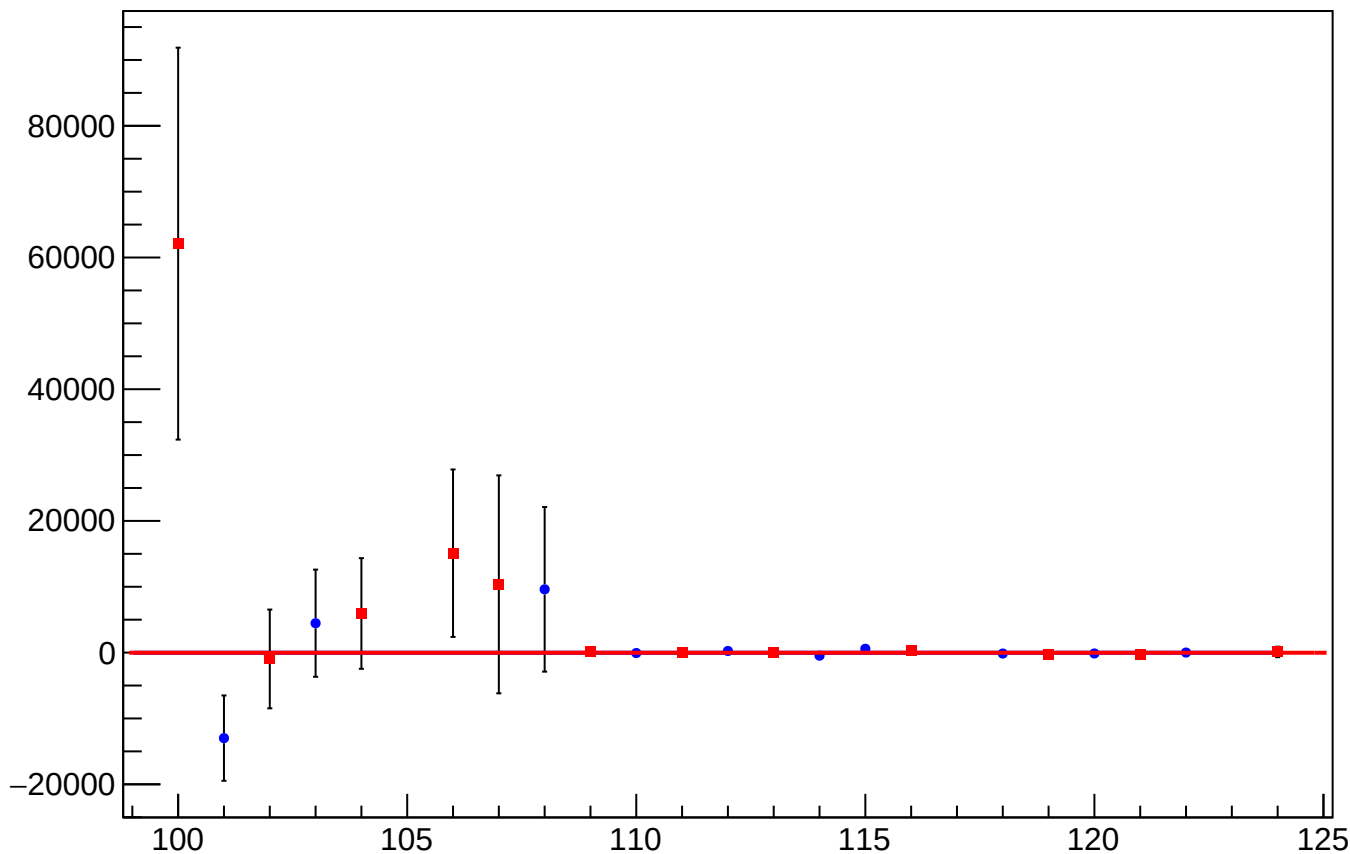
Right: 2.445+/-0.001 χ^2/NDF : 11715302.7/21

In: 2.449+/-0.002 χ^2/NDF : 5610183.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.445+/-0.001 χ^2/NDF : 11715302.7/21

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -23.659+/-112.135 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.214+/-102.200 χ^2/NDF : 10.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

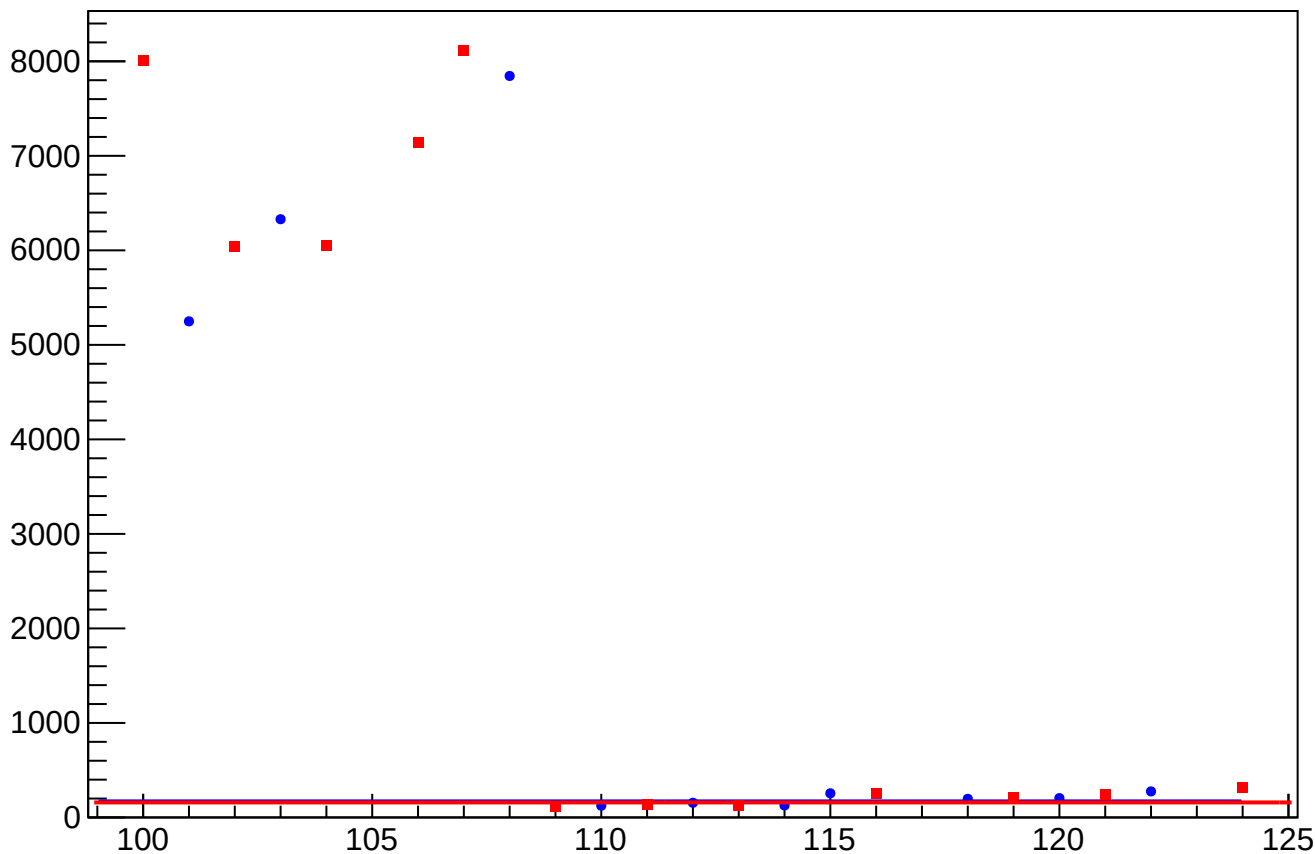
Right: -21.231+/-75.535 χ^2/NDF : 19.5/21

In: -23.659+/-112.135 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.231+/-75.535 χ^2/NDF : 19.5/21

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 169.687 $\pm$ 0.079 χ^2 /NDF: 3444852.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.932 $\pm$ 0.072 χ^2 /NDF: 3857718.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

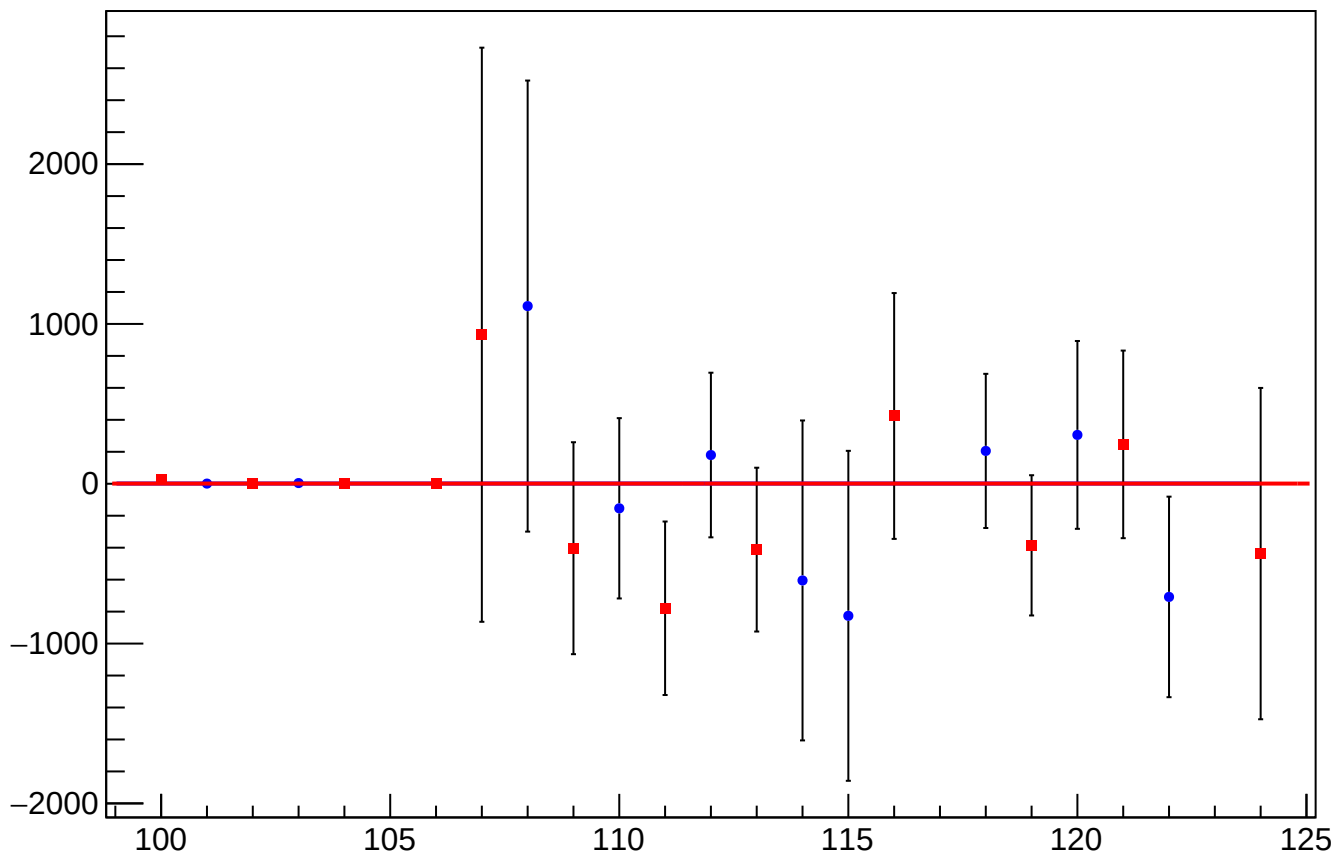
Right: 163.812 $\pm$ 0.053 χ^2 /NDF: 7312621.3/21

In: 169.687 $\pm$ 0.079 χ^2 /NDF:3444852.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 163.812 $\pm$ 0.053 χ^2 /NDF: 7312621.3/21

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.442 $\pm$ 1.660 χ^2 /NDF: 4.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.100 $\pm$ 1.528 χ^2 /NDF: 7.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

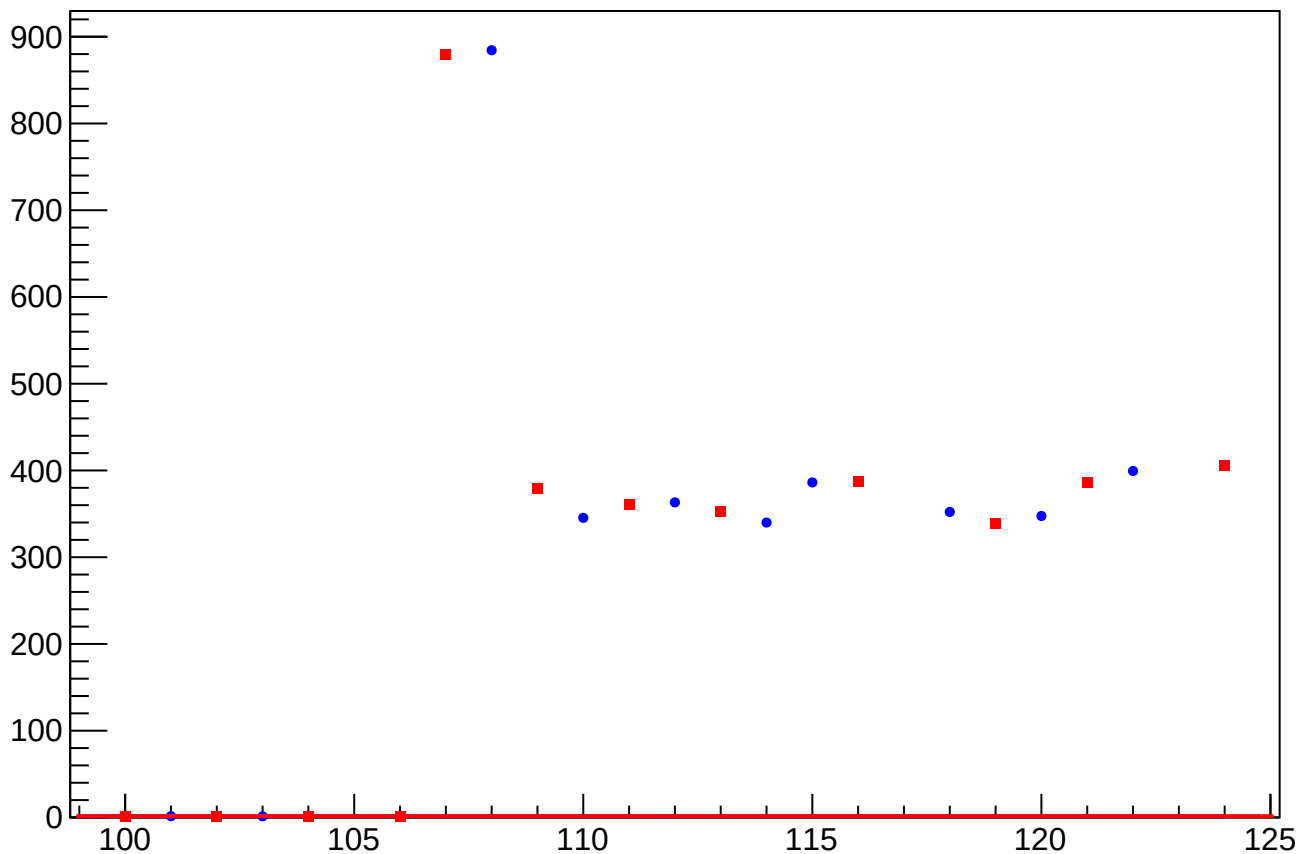
Right: 1.256 $\pm$ 1.124 χ^2 /NDF: 11.3/21

In: 1.442 $\pm$ 1.660 χ^2 /NDF:4.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.256 $\pm$ 1.124 χ^2 /NDF: 11.3/21

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.449+/-0.001 χ^2/NDF : 5576925.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.451+/-0.001 χ^2/NDF : 5789927.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

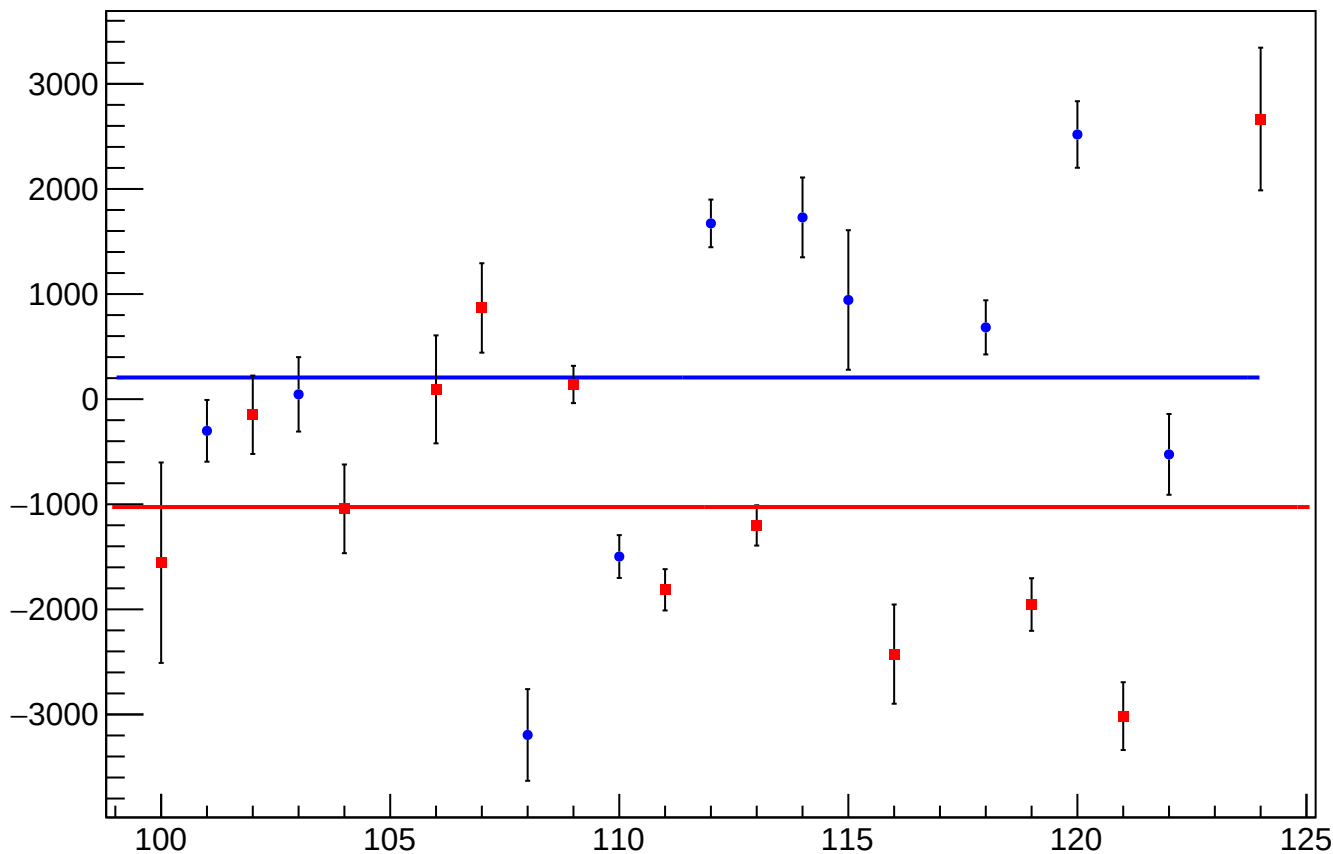
Right: 1.450+/-0.001 χ^2/NDF : 11366854.5/21

In: 1.449+/-0.001 χ^2/NDF :5576925.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.450+/-0.001 χ^2/NDF : 11366854.5/21

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 206.222+/-95.608 χ^2/NDF : 253.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1026.388+/-84.417 χ^2/NDF : 180.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

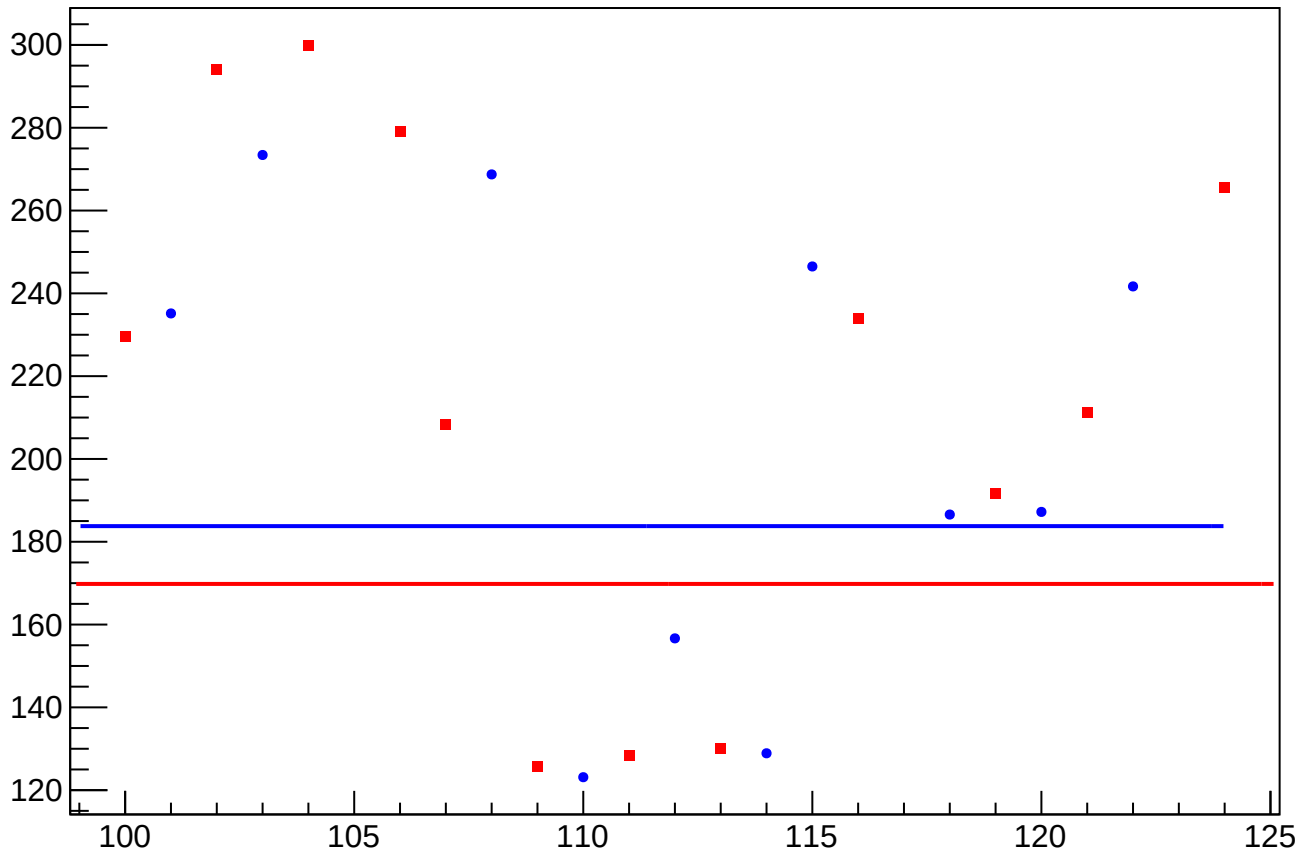
Right: -486.408+/-63.281 χ^2/NDF : 527.4/21

In: 206.222+/-95.608 χ^2/NDF : 253.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -486.408+/-63.281 χ^2/NDF : 527.4/21

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 183.776+/-0.068 χ^2/NDF : 576466.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.814+/-0.060 χ^2/NDF : 950742.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

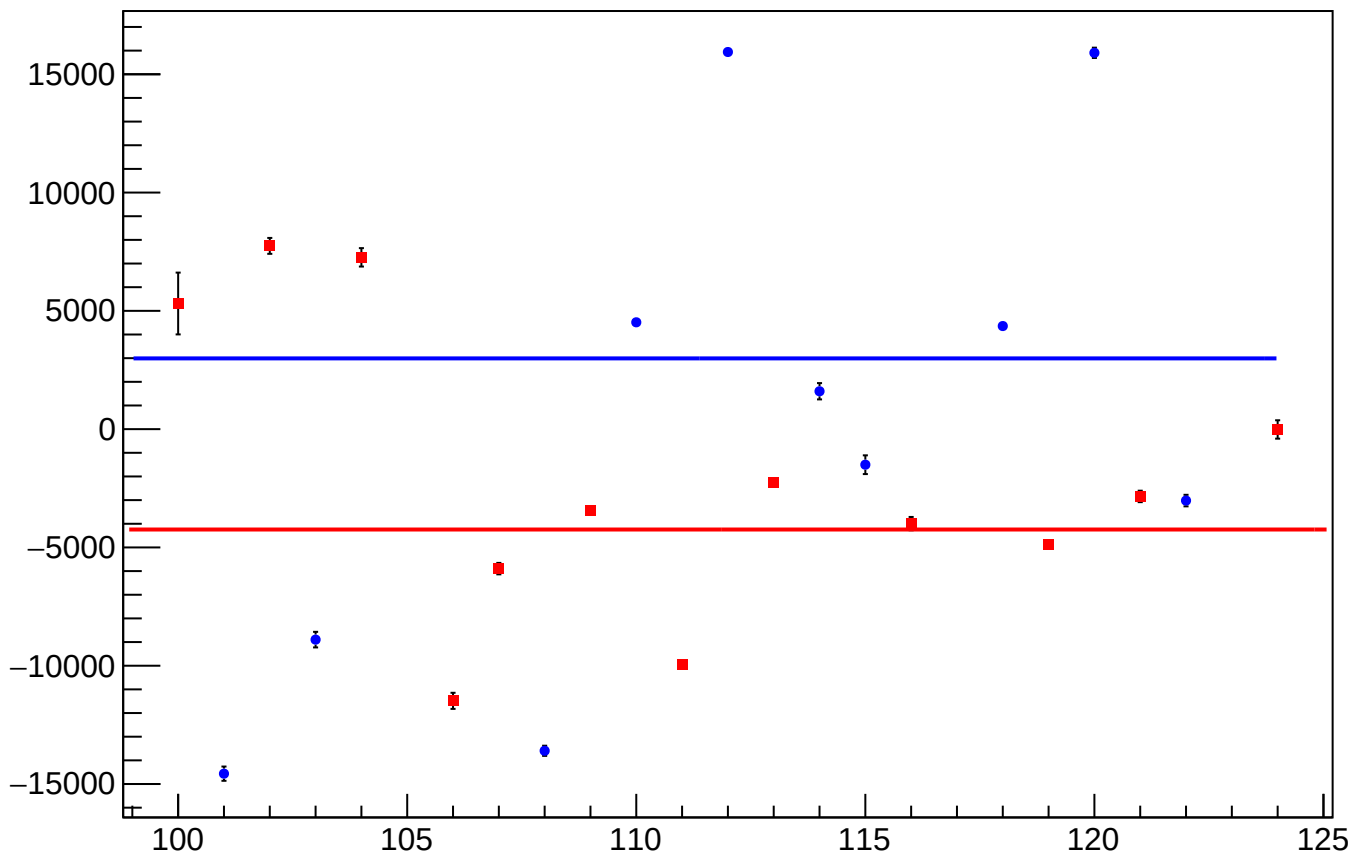
Right: 175.931+/-0.045 χ^2/NDF : 1551175.3/21

In: 183.776+/-0.068 χ^2/NDF : 576466.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.931+/-0.045 χ^2/NDF : 1551175.3/21

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2990.389+/-71.288 χ^2/NDF : 20654.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4242.484+/-66.136 χ^2/NDF : 4384.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

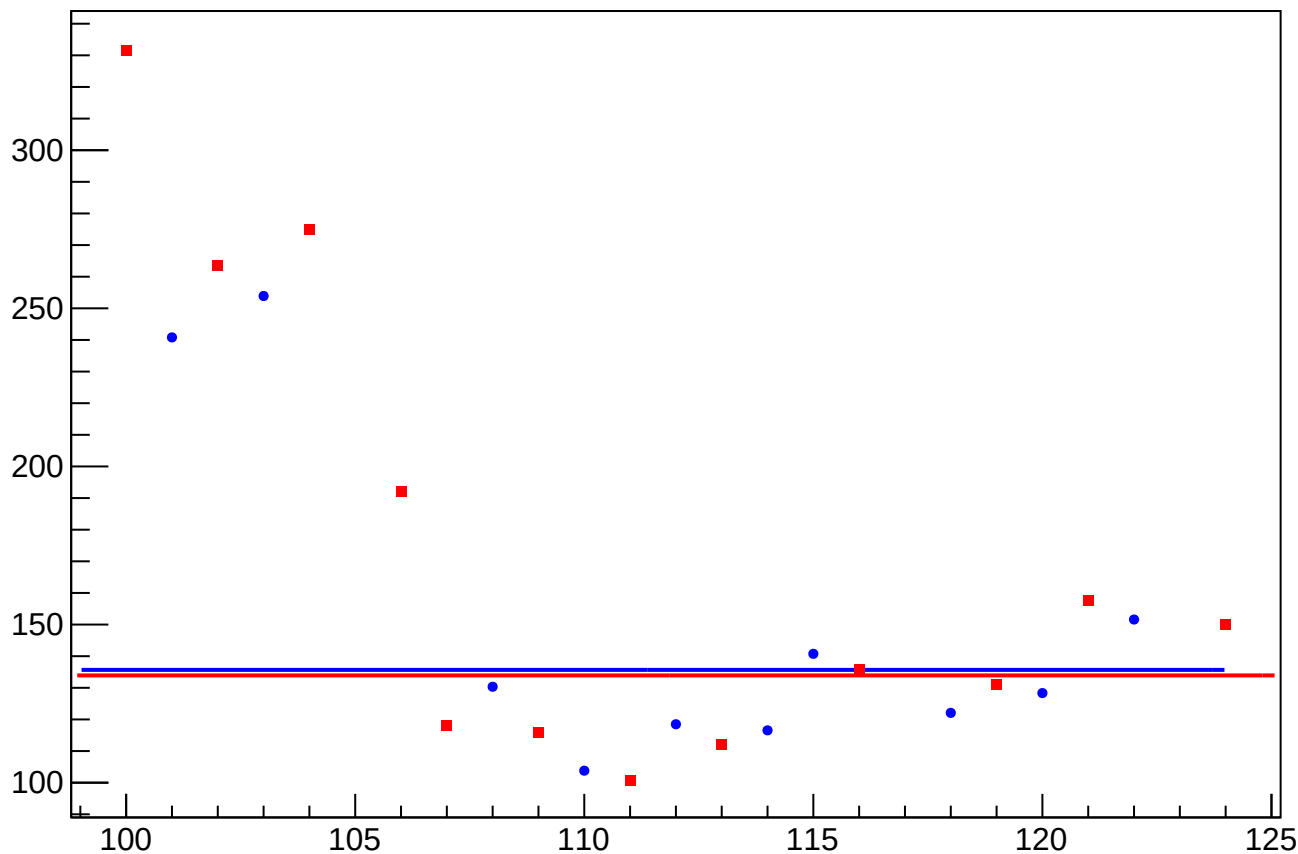
Right: -896.862+/-48.484 χ^2/NDF : 30571.8/21

In: 2990.389+/-71.288 χ^2/NDF :20654.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -896.862+/-48.484 χ^2/NDF : 30571.8/21

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.672+/-0.050 χ^2/NDF : 620356.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.924+/-0.047 χ^2/NDF : 846144.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

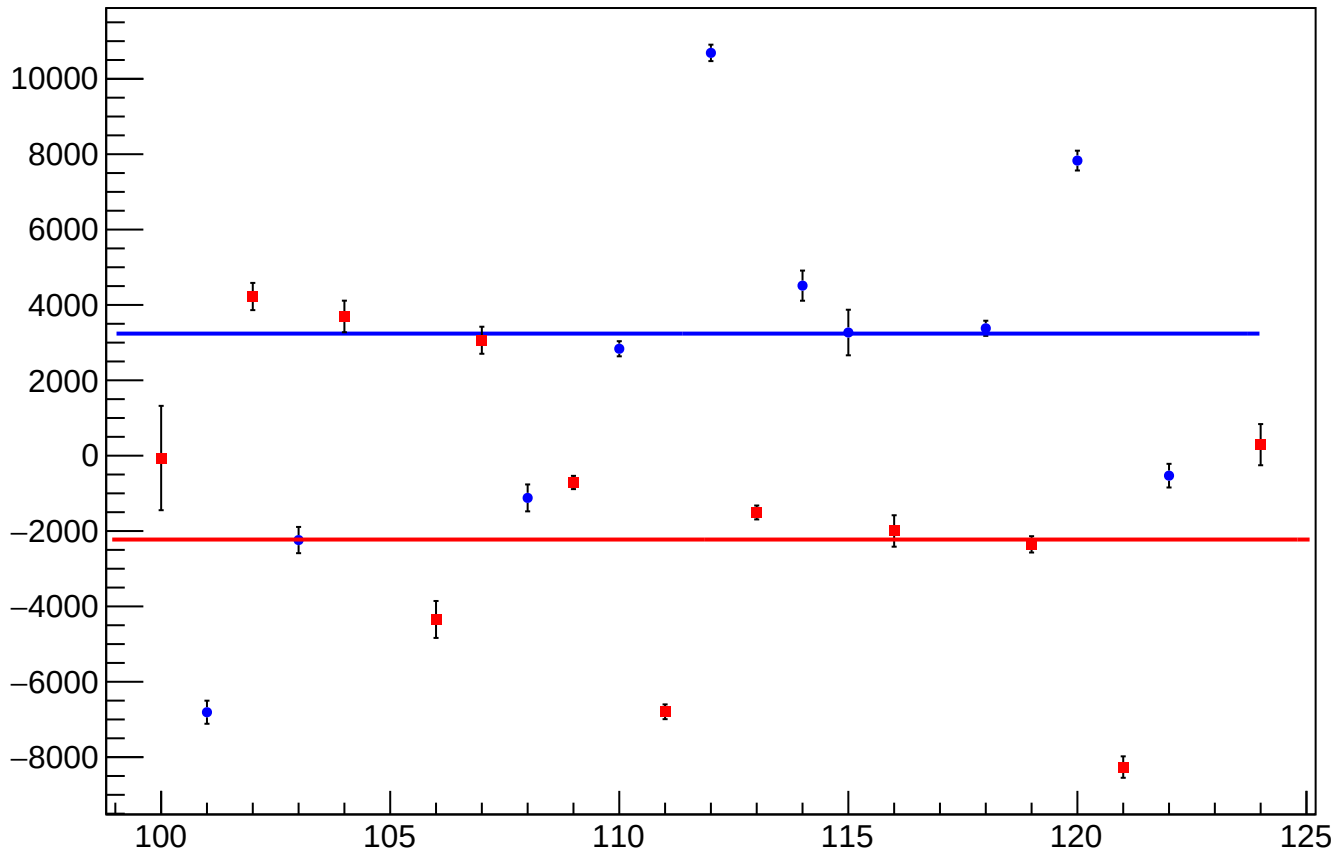
Right: 134.732+/-0.034 χ^2/NDF : 1467147.3/21

In: 135.672+/-0.050 χ^2/NDF : 620356.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.732+/-0.034 χ^2/NDF : 1467147.3/21

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3239.415+/-87.371 χ^2/NDF : 3101.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2225.544+/-80.010 χ^2/NDF : 1860.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

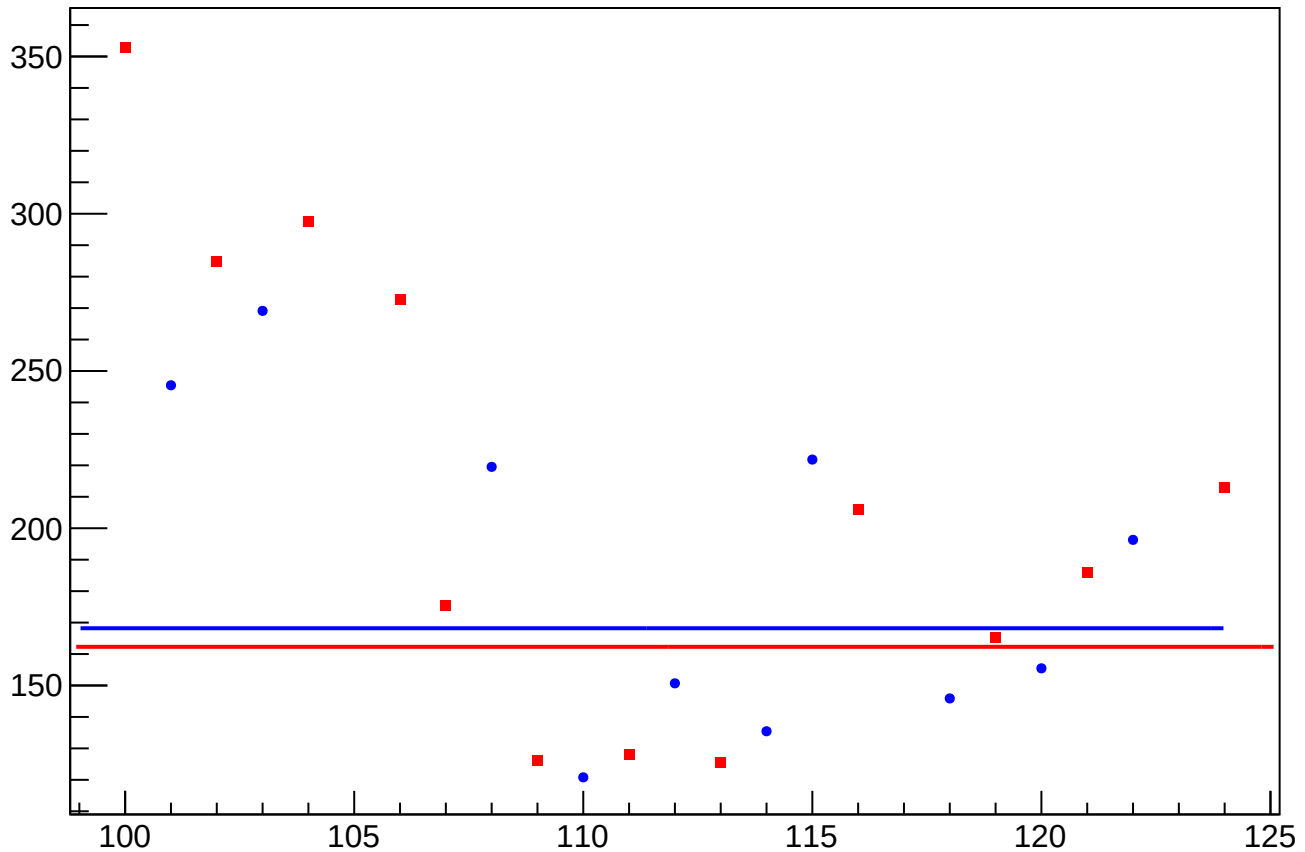
Right: 267.072+/-59.007 χ^2/NDF : 7089.9/21

In: 3239.415+/-87.371 χ^2/NDF :3101.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 267.072+/-59.007 χ^2/NDF : 7089.9/21

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 168.202 $\pm$ 0.062 χ^2 /NDF: 535265.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 162.297 $\pm$ 0.057 χ^2 /NDF: 859936.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

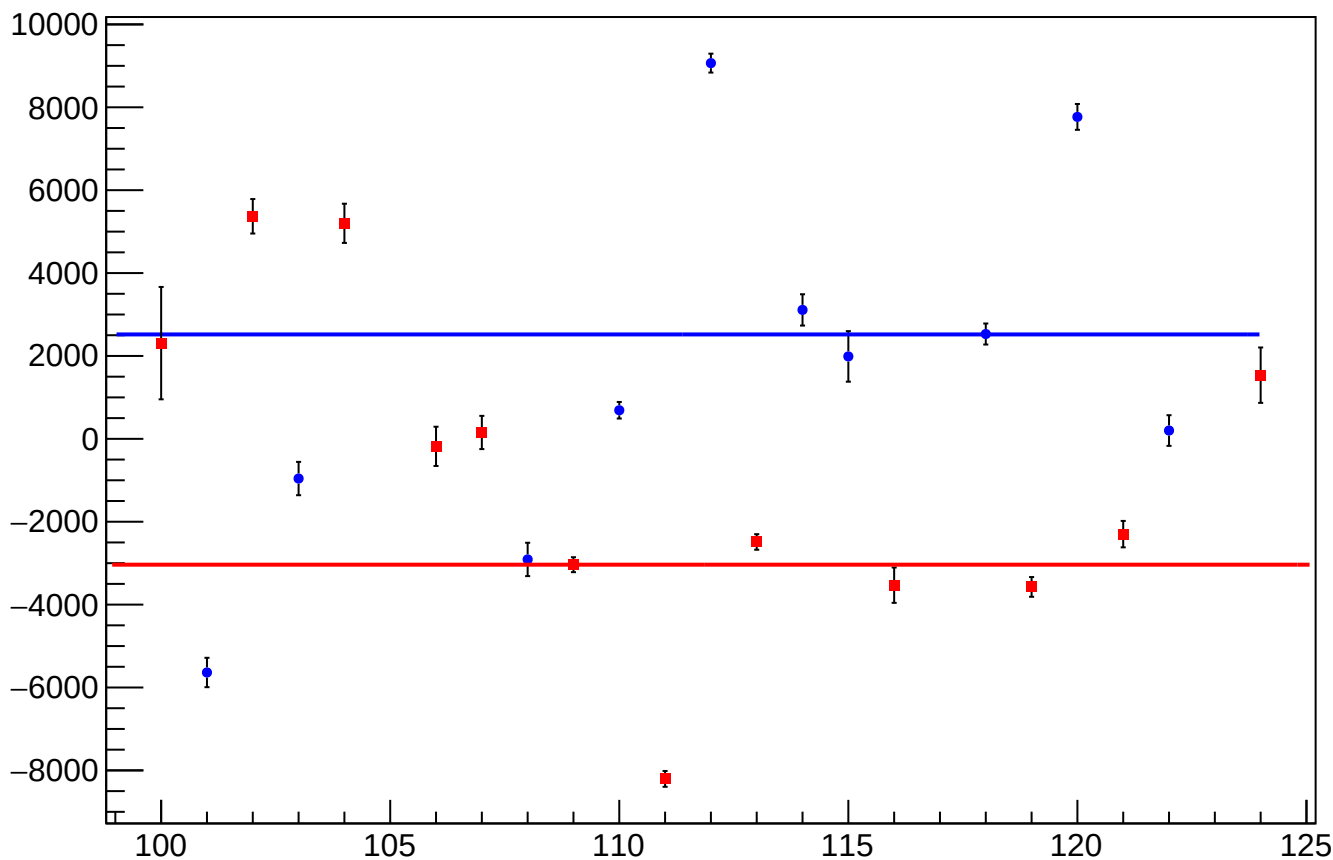
Right: 164.991 $\pm$ 0.042 χ^2 /NDF: 1400170.4/21

In: 168.202 $\pm$ 0.062 χ^2 /NDF:535265.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.991 $\pm$ 0.042 χ^2 /NDF: 1400170.4/21

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2519.373+/-96.460 χ^2/NDF : 2021.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3036.459+/-83.555 χ^2/NDF : 1626.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

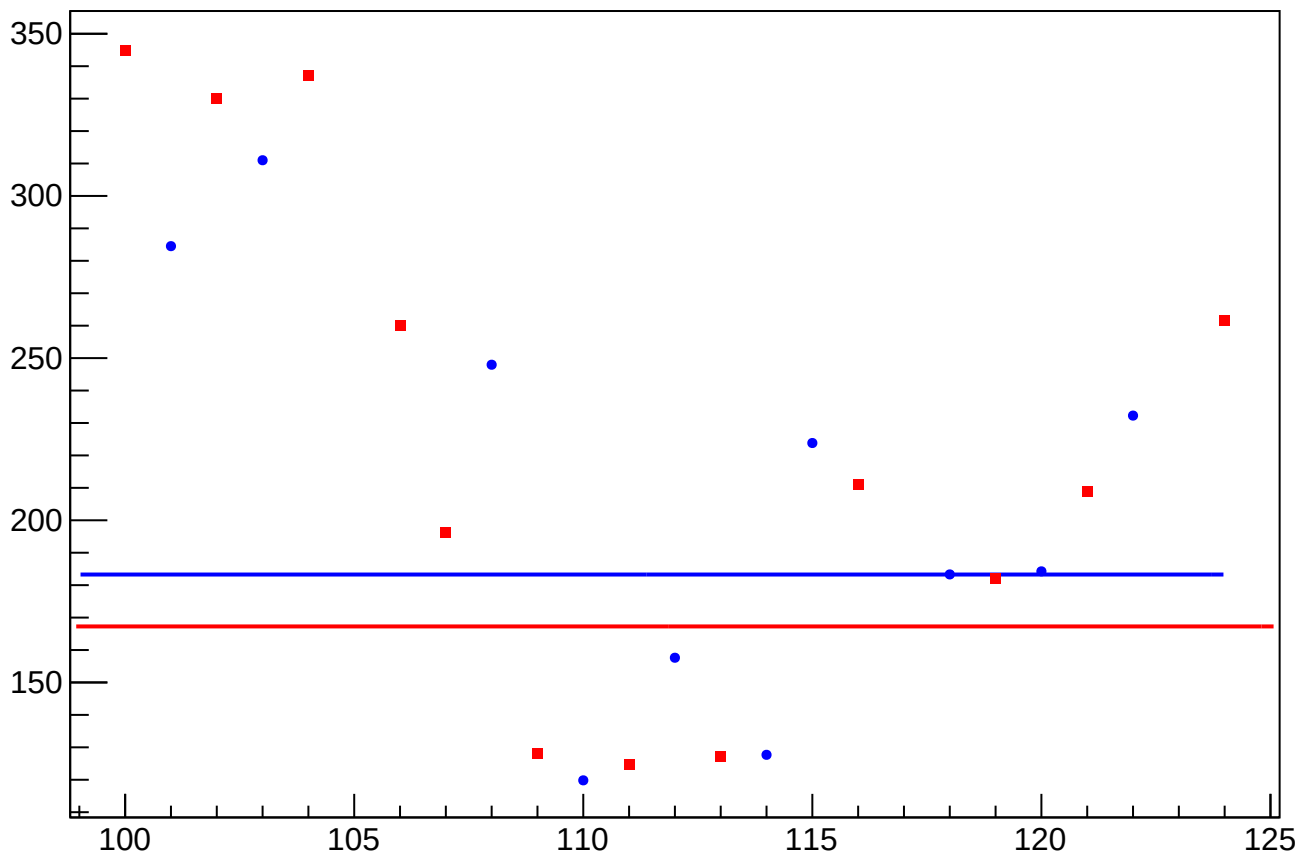
Right: -654.805+/-63.156 χ^2/NDF : 5543.5/21

In: 2519.373+/-96.460 χ^2/NDF : 2021.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -654.805+/-63.156 χ^2/NDF : 5543.5/21

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 183.277+/-0.068 χ^2/NDF : 731157.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.273+/-0.059 χ^2/NDF : 1073613.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

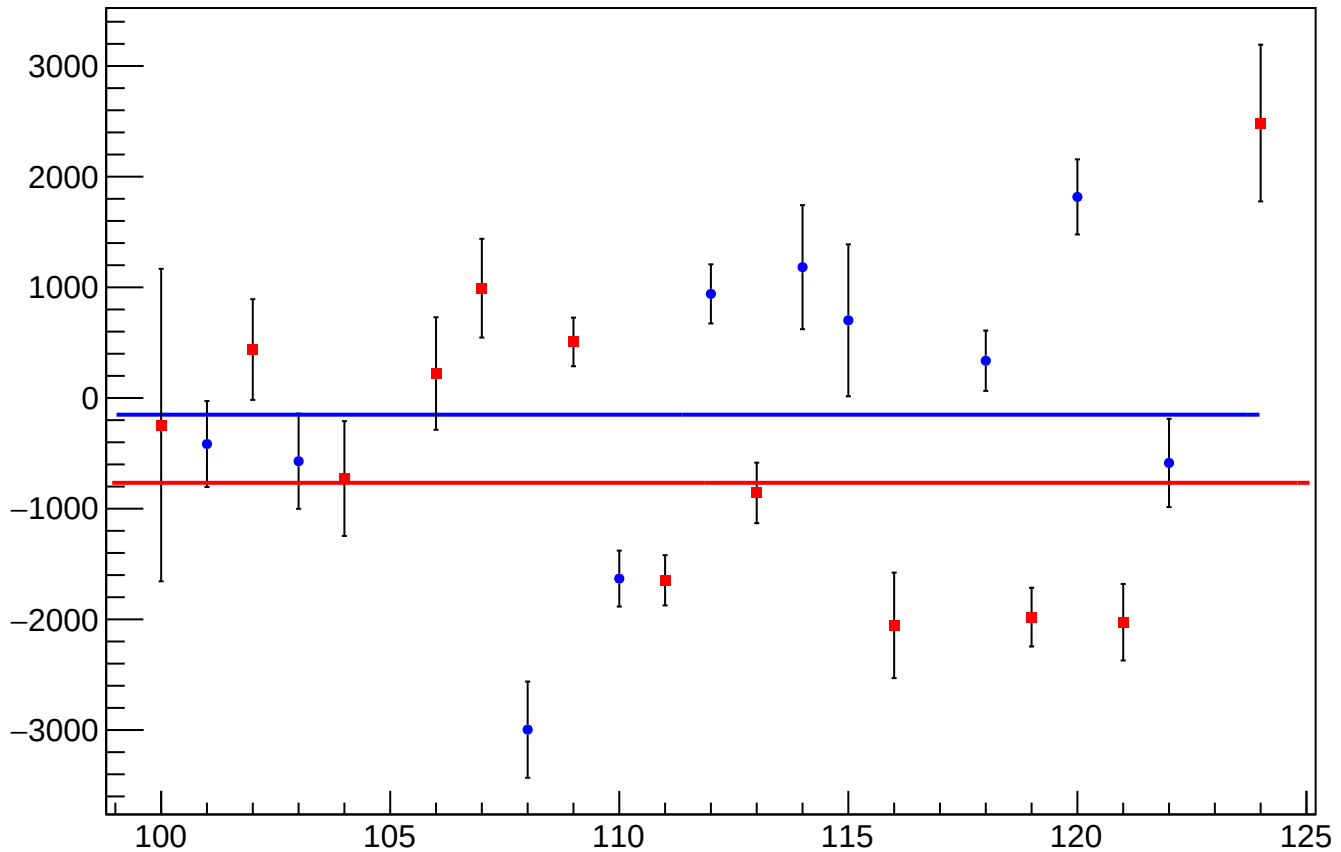
Right: 174.133+/-0.045 χ^2/NDF : 1836222.1/21

In: 183.277+/-0.068 χ^2/NDF : 731157.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.133+/-0.045 χ^2/NDF : 1836222.1/21

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -150.576+/-111.329 χ^2/NDF : 140.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -766.192+/-99.794 χ^2/NDF : 137.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

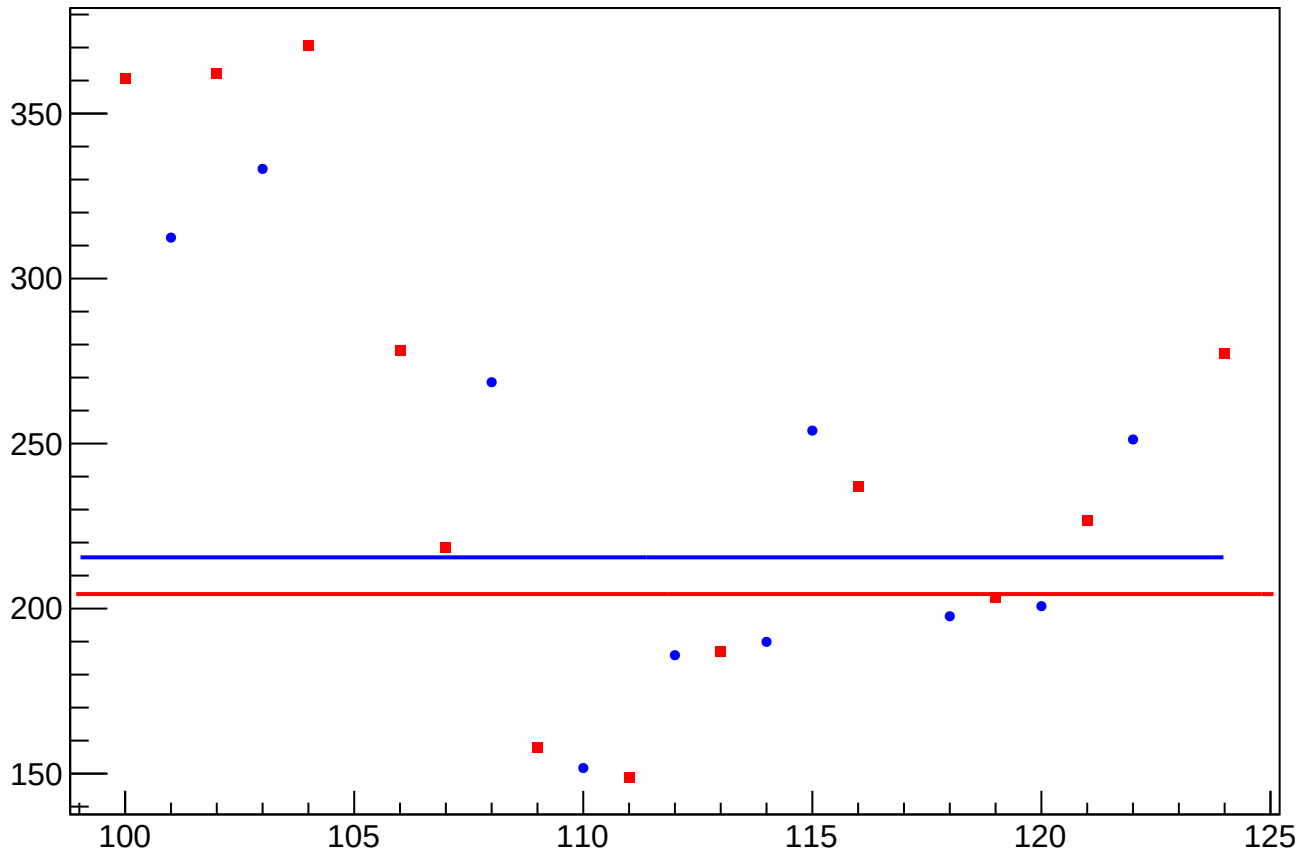
Right: -491.918+/-74.310 χ^2/NDF : 295.1/21

In: -150.576+/-111.329 χ^2/NDF :140.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -491.918+/-74.310 χ^2/NDF : 295.1/21

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 215.529 ± 0.079 χ^2/NDF : 494606.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 204.396 ± 0.071 χ^2/NDF : 769299.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

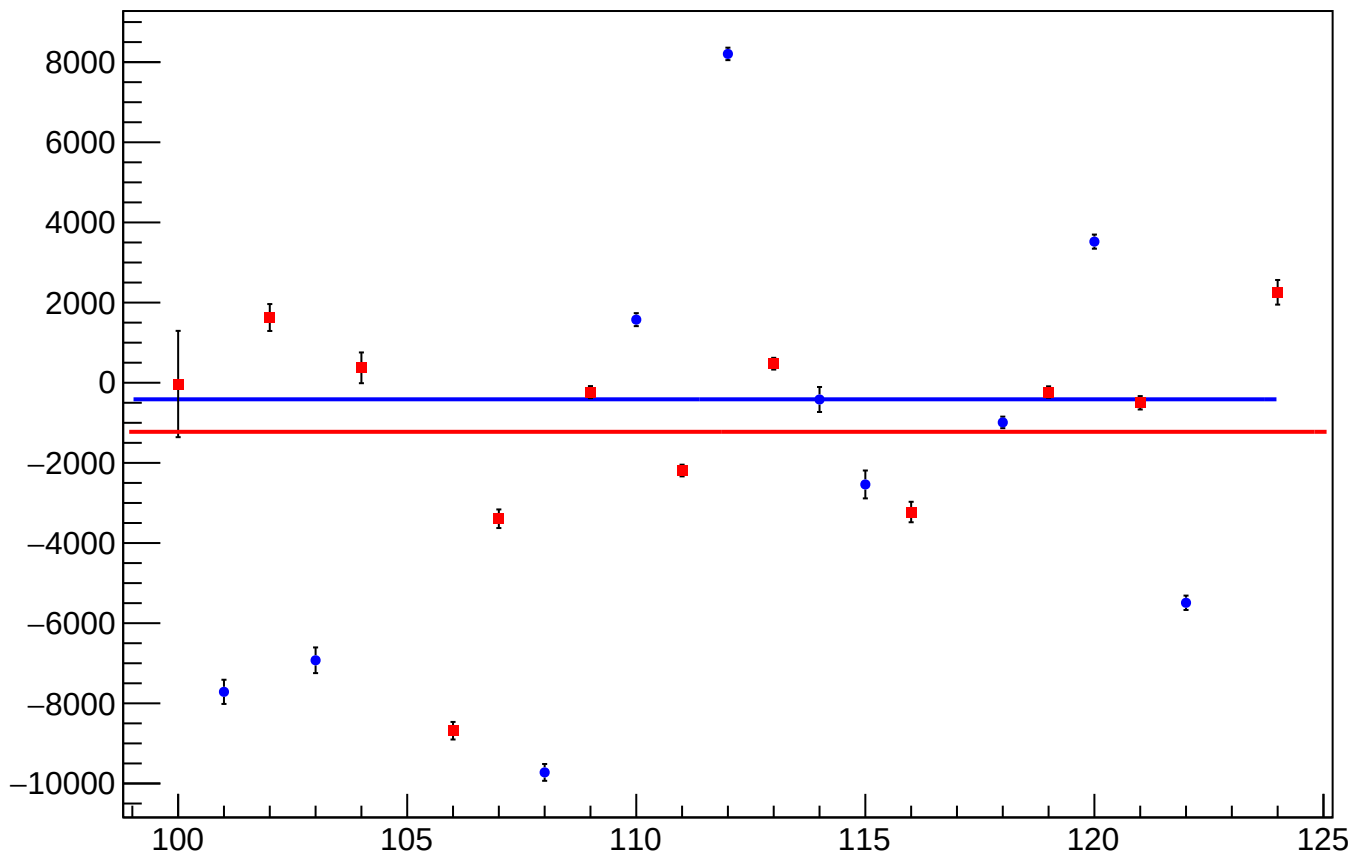
Right: 209.356 ± 0.053 χ^2/NDF : 1274996.6/21

In: 215.529 ± 0.079 χ^2/NDF : 494606.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 209.356 ± 0.053 χ^2/NDF : 1274996.6/21

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -413.496+/-62.908 χ^2/NDF : 7544.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1224.498+/-57.266 χ^2/NDF : 1818.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

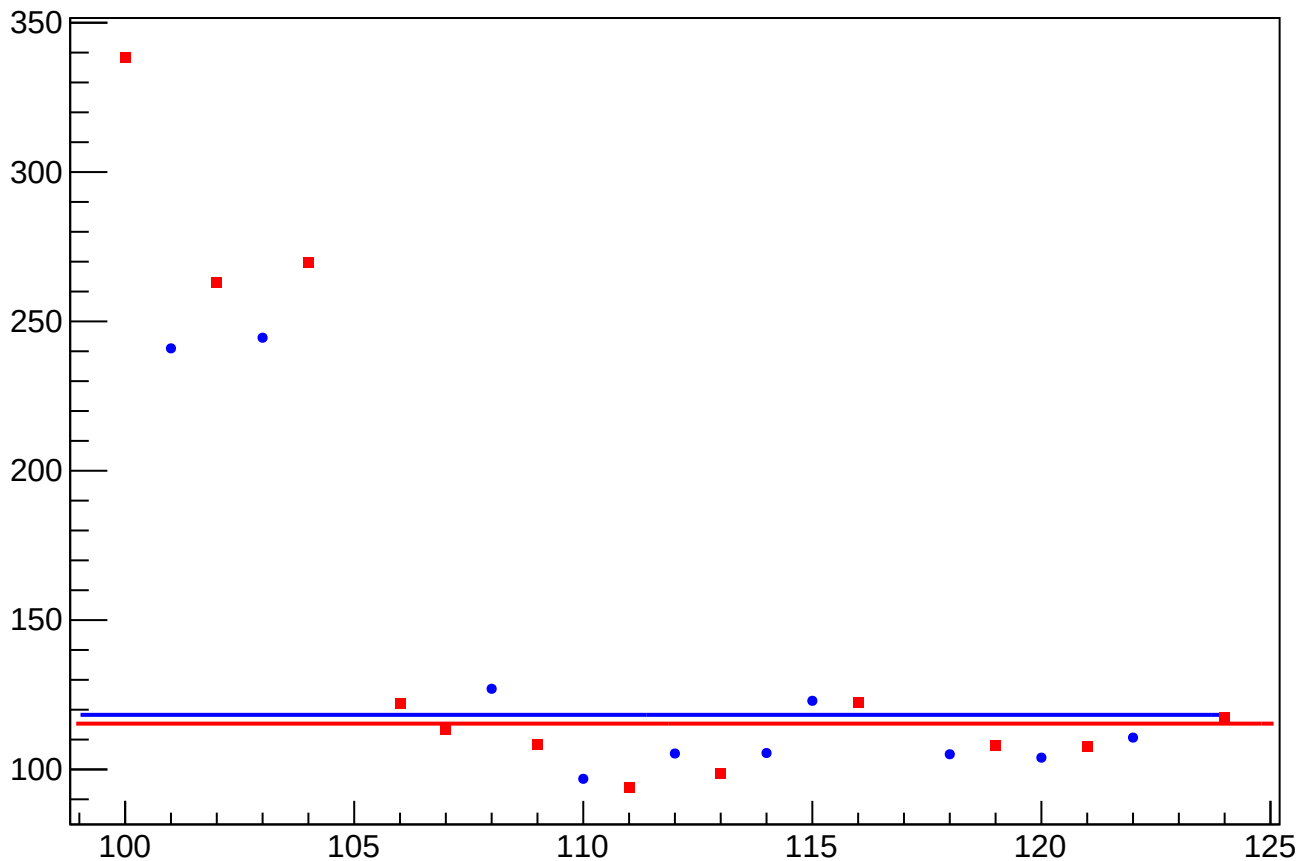
Right: -856.990+/-42.348 χ^2/NDF : 9453.2/21

In: -413.496+/-62.908 χ^2/NDF :7544.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -856.990+/-42.348 χ^2/NDF : 9453.2/21

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.281+/-0.044 χ^2/NDF : 730474.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.338+/-0.040 χ^2/NDF : 855039.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

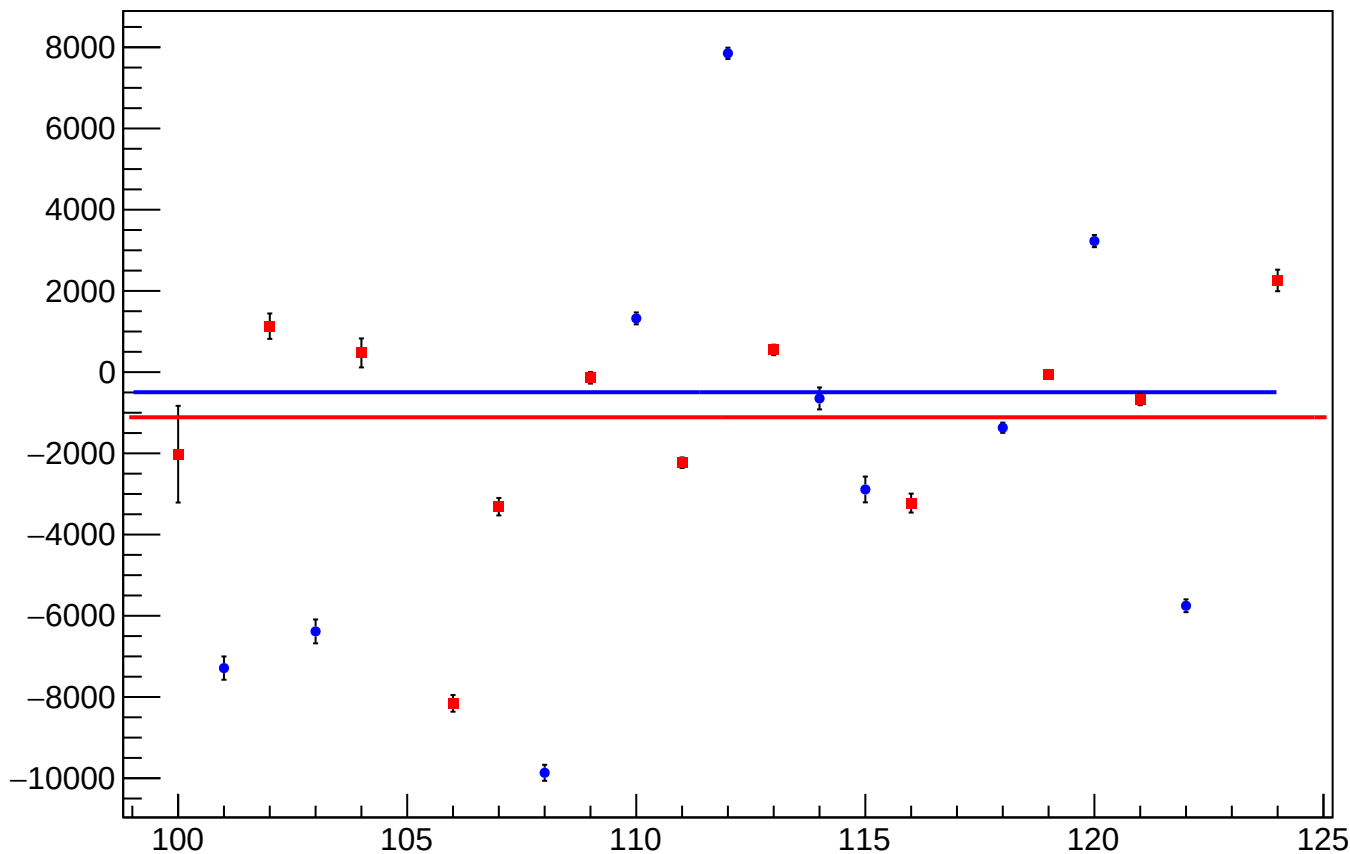
Right: 116.672+/-0.030 χ^2/NDF : 1587906.7/21

In: 118.281+/-0.044 χ^2/NDF : 730474.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.672+/-0.030 χ^2/NDF : 1587906.7/21

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -494.556+/-55.934 χ^2/NDF : 8831.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1111.374+/-51.292 χ^2/NDF : 1967.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

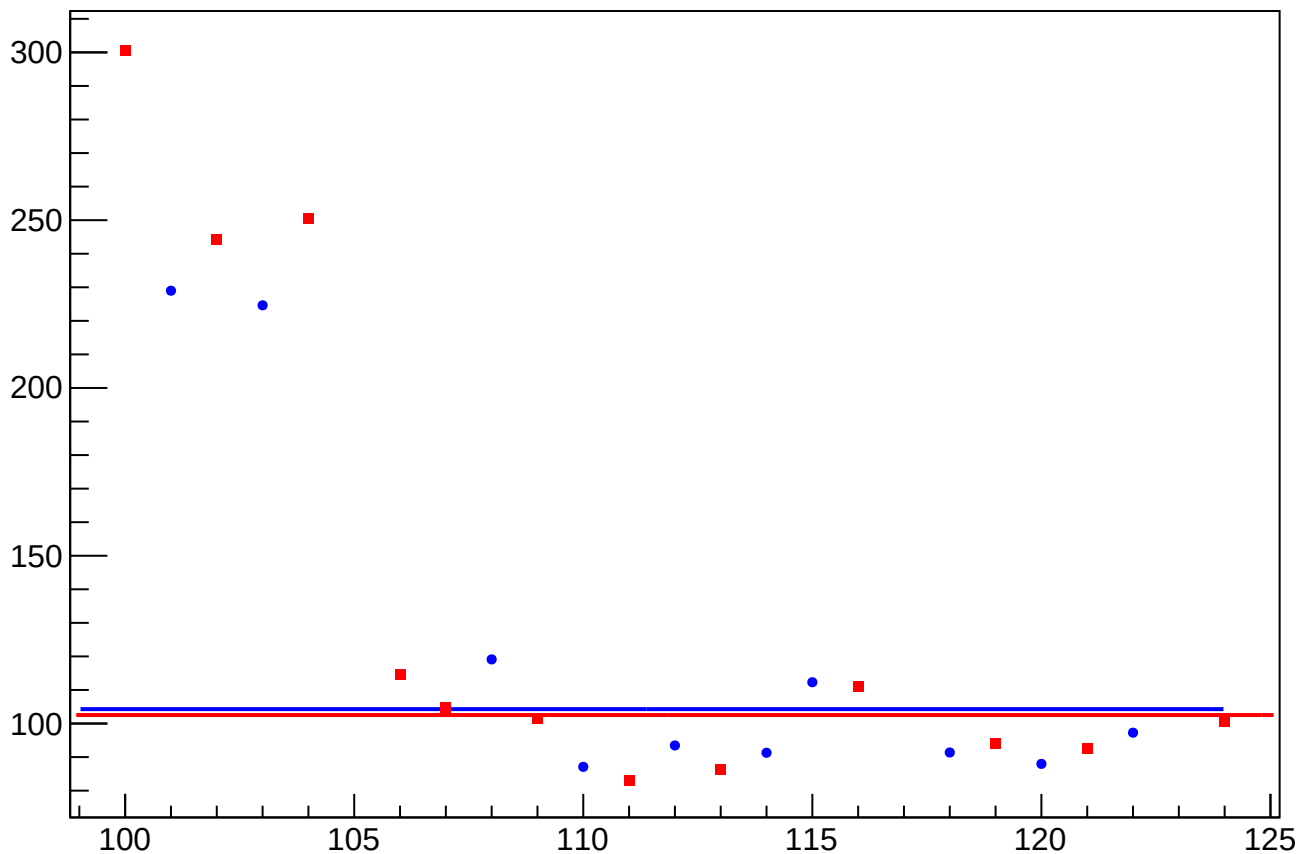
Right: -829.617+/-37.804 χ^2/NDF : 10864.8/21

In: -494.556+/-55.934 χ^2/NDF :8831.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -829.617+/-37.804 χ^2/NDF : 10864.8/21

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 104.293+/-0.040 χ^2/NDF : 819026.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.534+/-0.036 χ^2/NDF : 916875.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

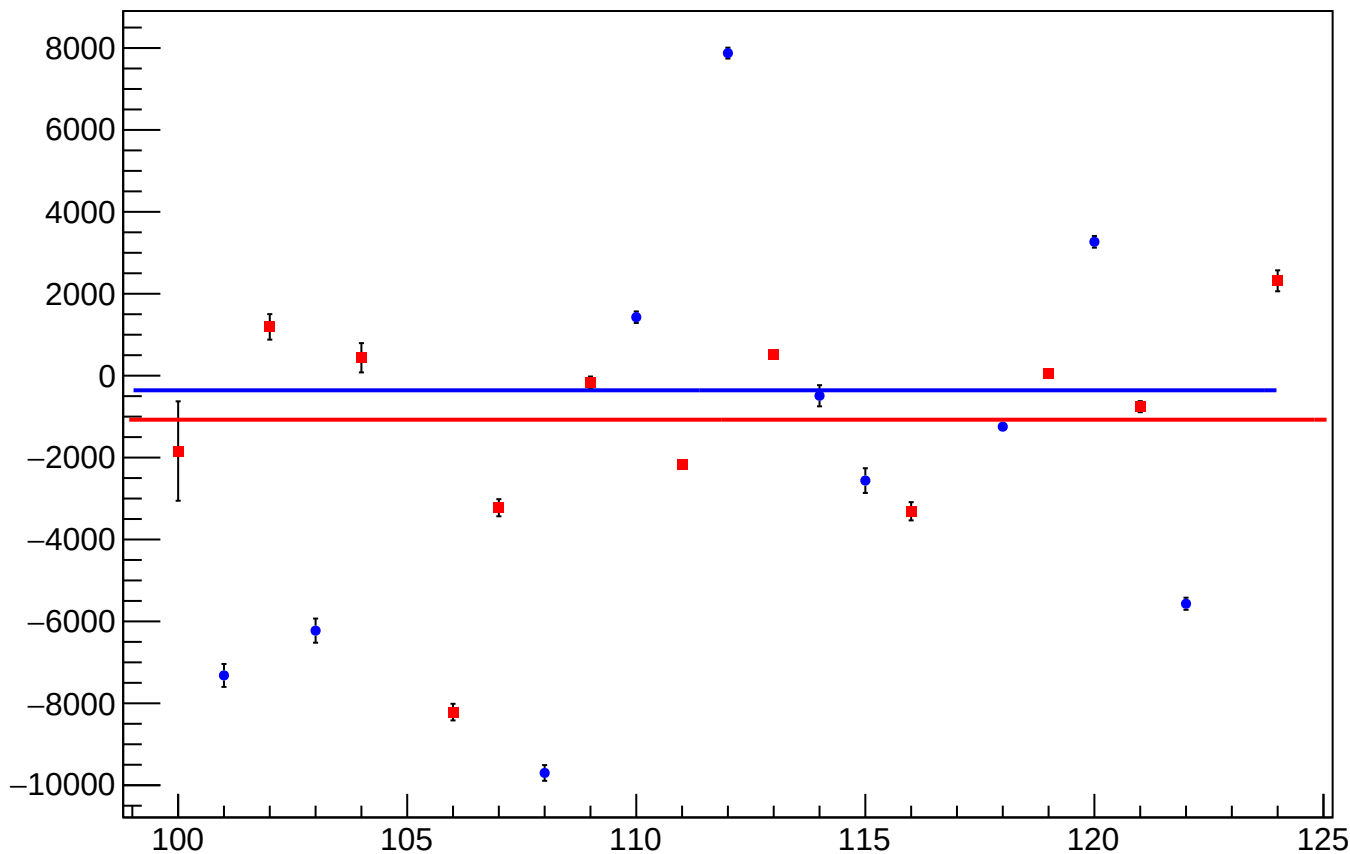
Right: 103.337+/-0.027 χ^2/NDF : 1736976.7/21

In: 104.293+/-0.040 χ^2/NDF : 819026.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.337+/-0.027 χ^2/NDF : 1736976.7/21

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -357.145+/-53.517 χ^2/NDF : 9402.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1074.964+/-48.909 χ^2/NDF : 2090.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

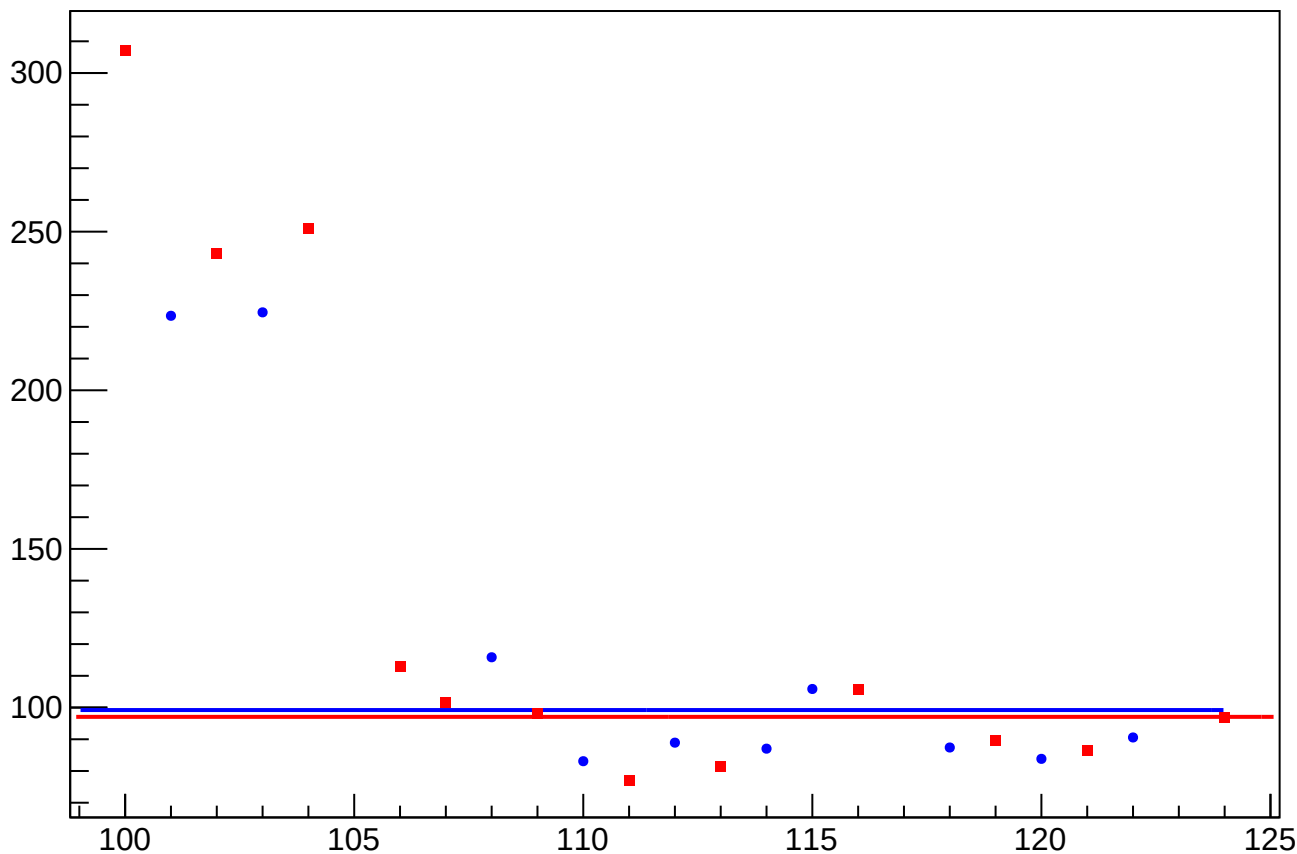
Right: -748.285+/-36.103 χ^2/NDF : 11591.2/21

In: -357.145+/-53.517 χ^2/NDF :9402.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -748.285+/-36.103 χ^2/NDF : 11591.2/21

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 99.210+/-0.038 χ^2/NDF : 864145.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 97.064+/-0.035 χ^2/NDF : 997640.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

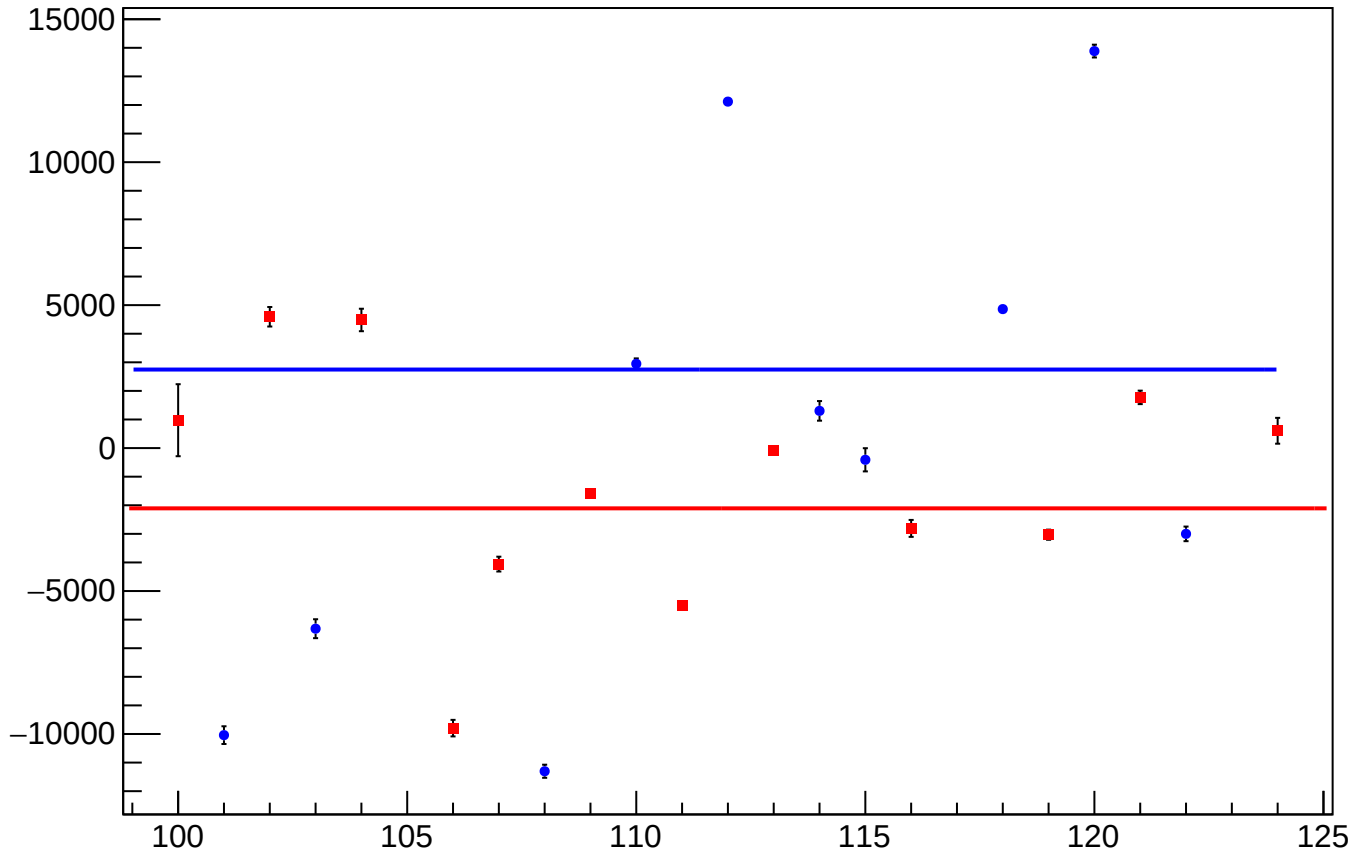
Right: 98.041+/-0.026 χ^2/NDF : 1863537.2/21

In: 99.210+/-0.038 χ^2/NDF :864145.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.041+/-0.026 χ^2/NDF : 1863537.2/21

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2747.074+/-73.928 χ^2/NDF : 12267.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2107.981+/-68.419 χ^2/NDF : 2333.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

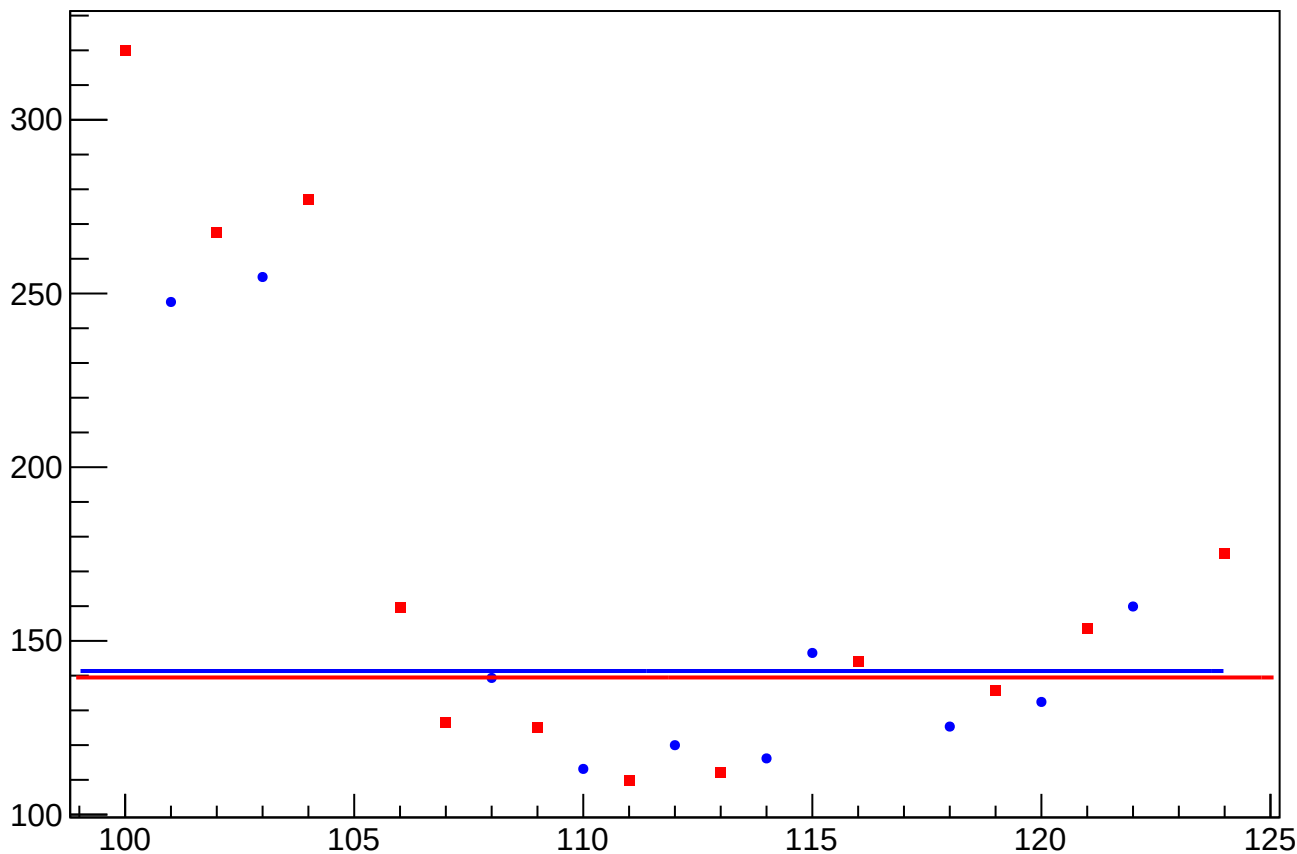
Right: 131.919+/-50.214 χ^2/NDF : 16924.5/21

In: 2747.074+/-73.928 χ^2/NDF : 12267.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.919+/-50.214 χ^2/NDF : 16924.5/21

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 141.334+/-0.052 χ^2/NDF : 586810.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.470+/-0.048 χ^2/NDF : 732289.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

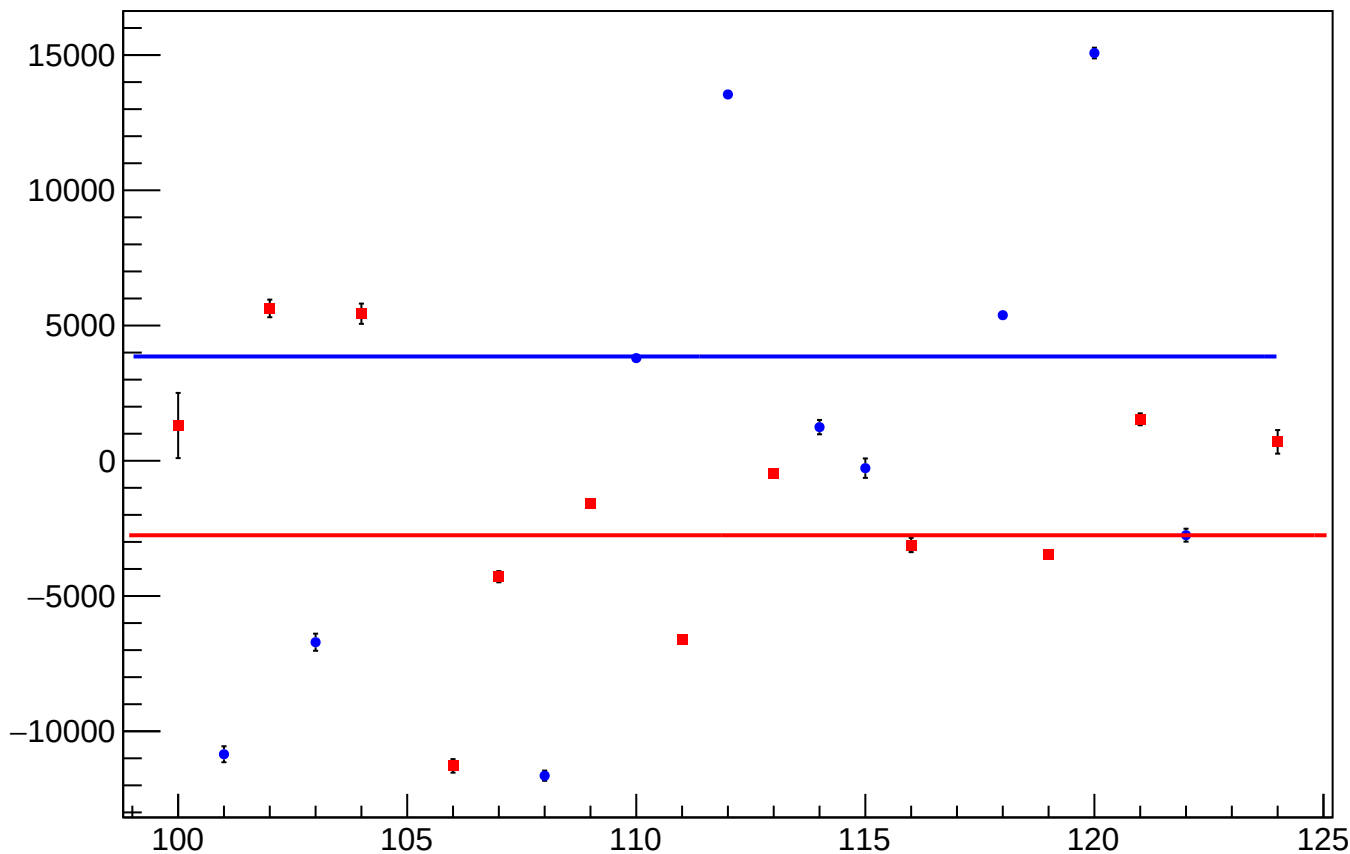
Right: 140.330+/-0.036 χ^2/NDF : 1319784.5/21

In: 141.334+/-0.052 χ^2/NDF : 586810.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.330+/-0.036 χ^2/NDF : 1319784.5/21

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3856.236+/-61.137 χ^2/NDF : 19843.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2753.652+/-55.596 χ^2/NDF : 4229.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

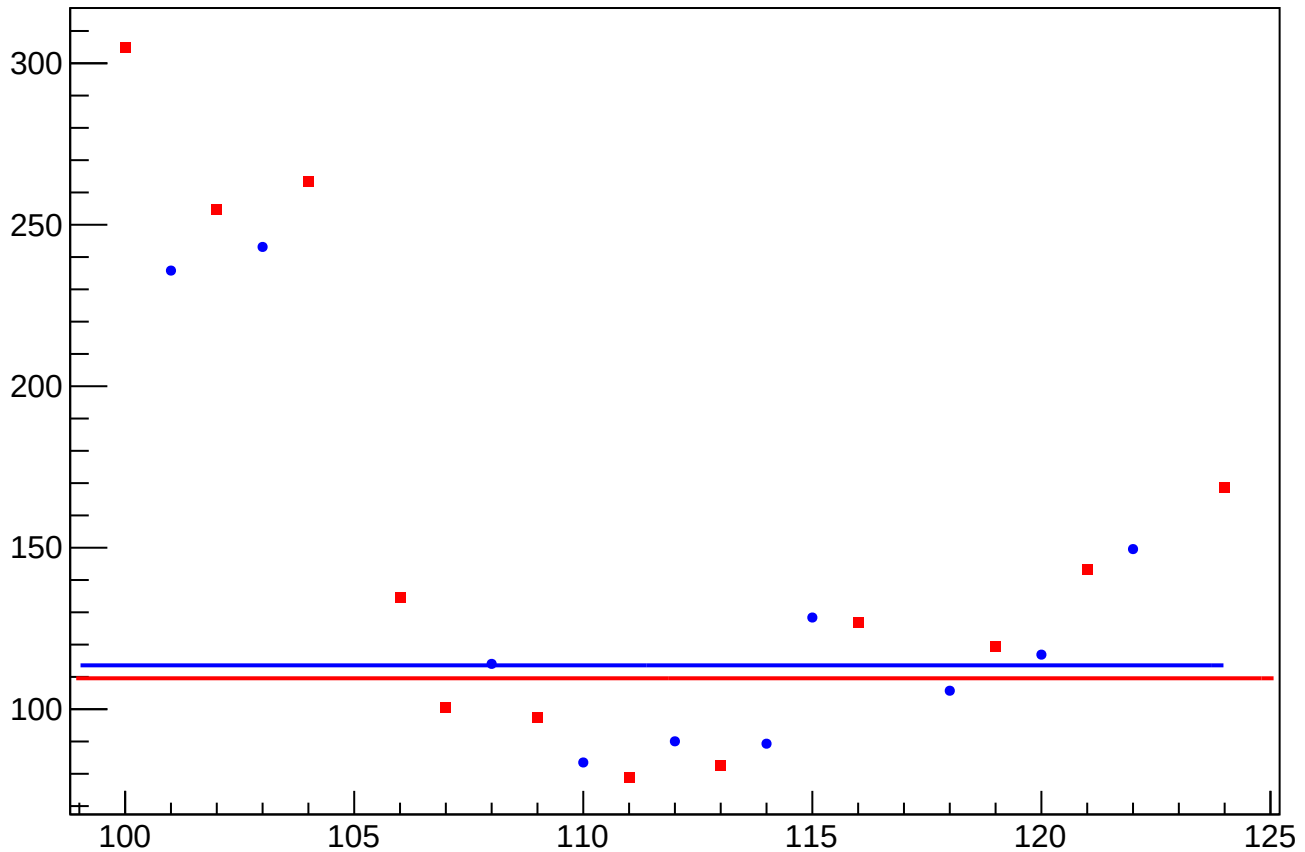
Right: 238.246+/-41.132 χ^2/NDF : 30471.1/21

In: 3856.236+/-61.137 χ^2/NDF :19843.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 238.246+/-41.132 χ^2/NDF : 30471.1/21

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 113.579+/-0.043 χ^2/NDF : 902207.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.571+/-0.039 χ^2/NDF : 1147699.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

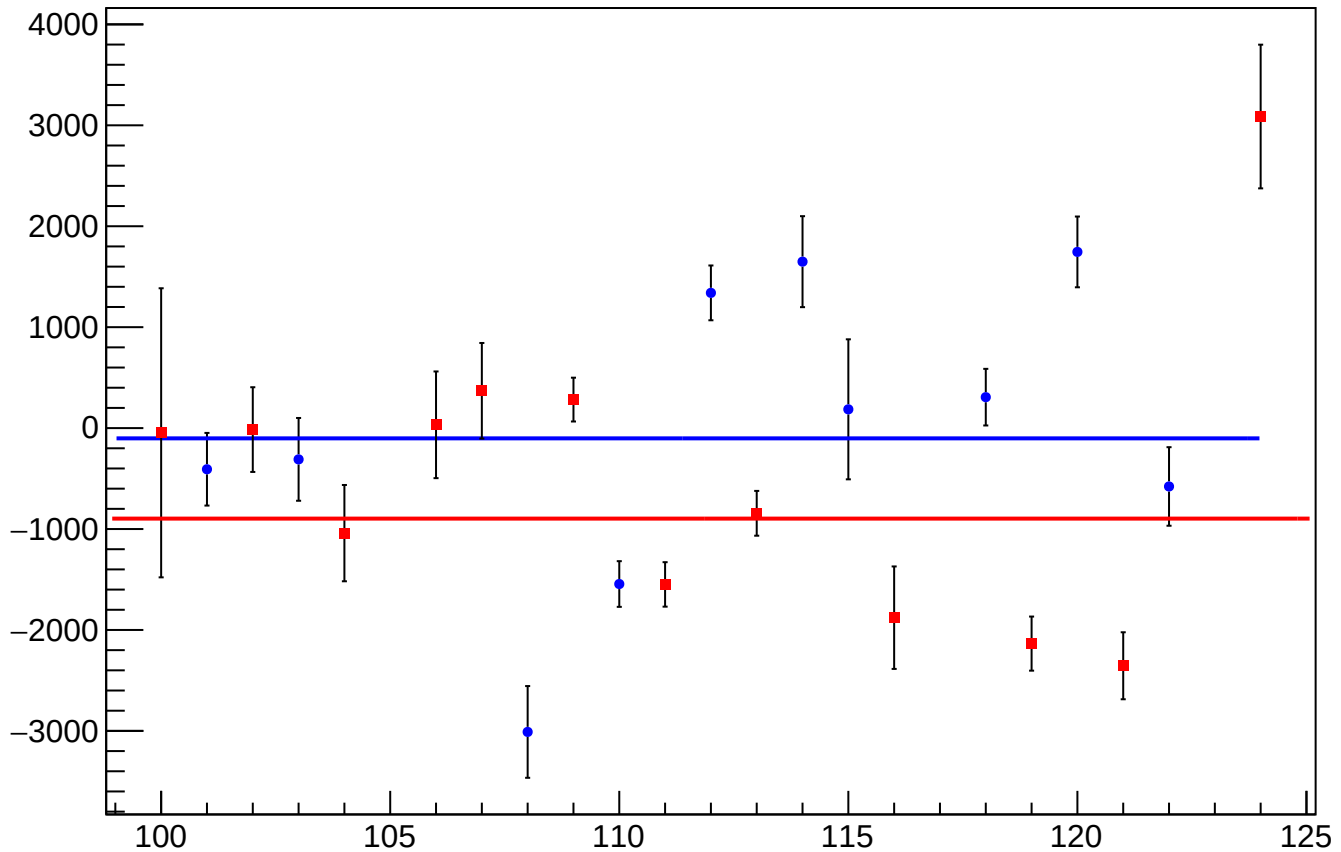
Right: 111.385+/-0.029 χ^2/NDF : 2054612.0/21

In: 113.579+/-0.043 χ^2/NDF : 902207.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.385+/-0.029 χ^2/NDF : 2054612.0/21

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -101.641+/-107.799 χ^2/NDF : 157.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -896.690+/-95.526 χ^2/NDF : 129.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

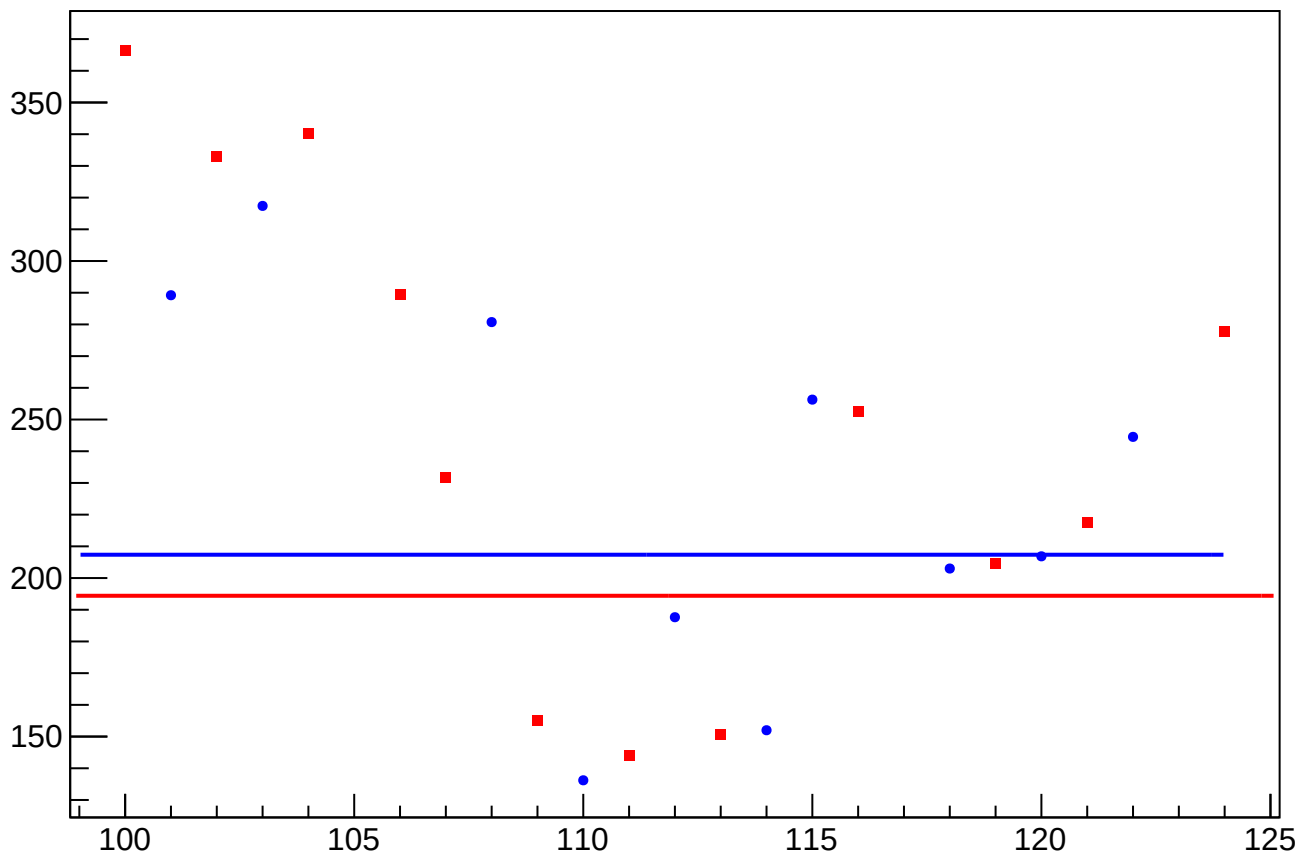
Right: -546.982+/-71.494 χ^2/NDF : 317.1/21

In: -101.641+/-107.799 χ^2/NDF : 157.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -546.982+/-71.494 χ^2/NDF : 317.1/21

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 207.357 ± 0.076 χ^2/NDF : 566577.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 194.410 ± 0.068 χ^2/NDF : 824463.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

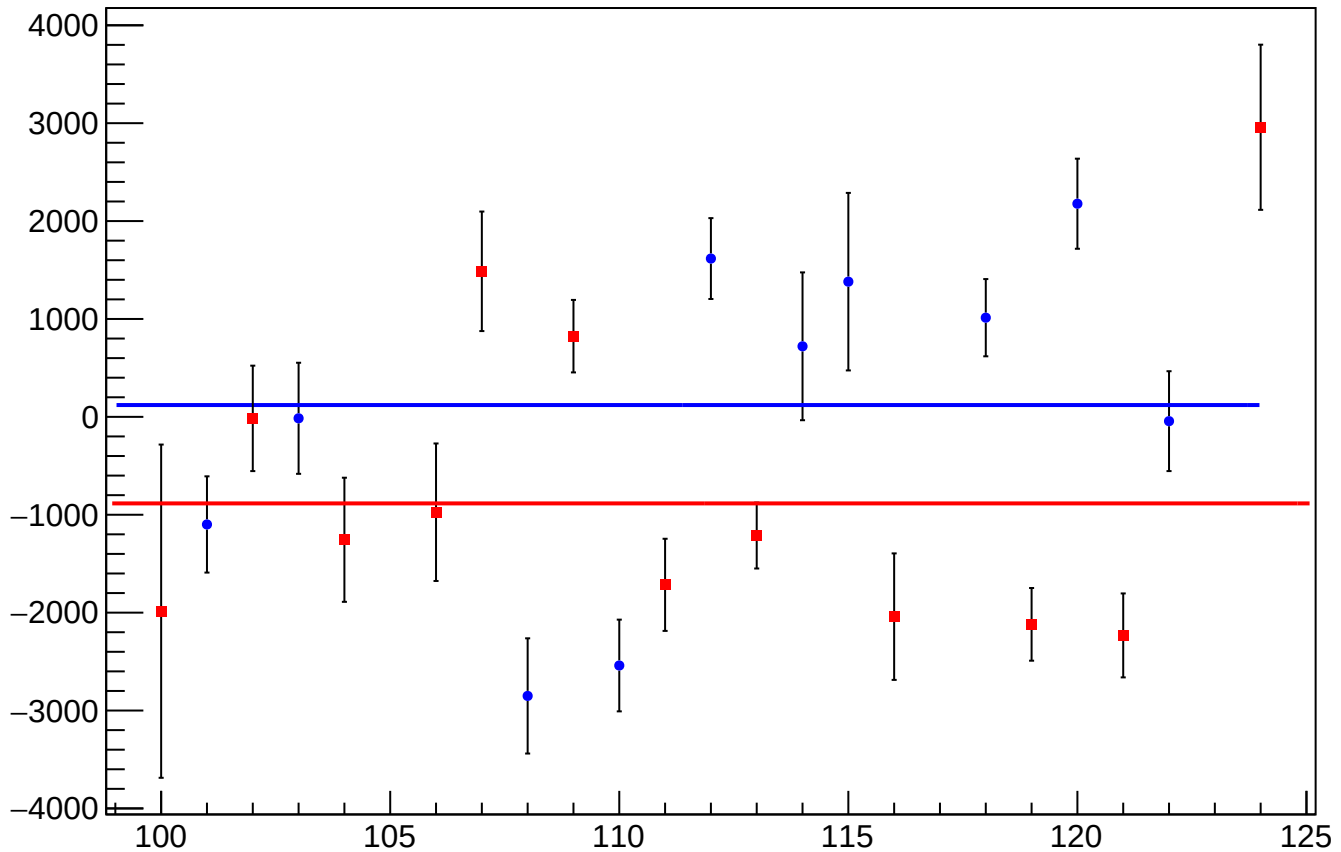
Right: 200.105 ± 0.051 χ^2/NDF : 1407201.8/21

In: 207.357 ± 0.076 χ^2/NDF : 566577.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 200.105 ± 0.051 χ^2/NDF : 1407201.8/21

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 120.667 $\pm$ 161.147 χ^2 /NDF: 104.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -884.083 $\pm$ 144.156 χ^2 /NDF: 88.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

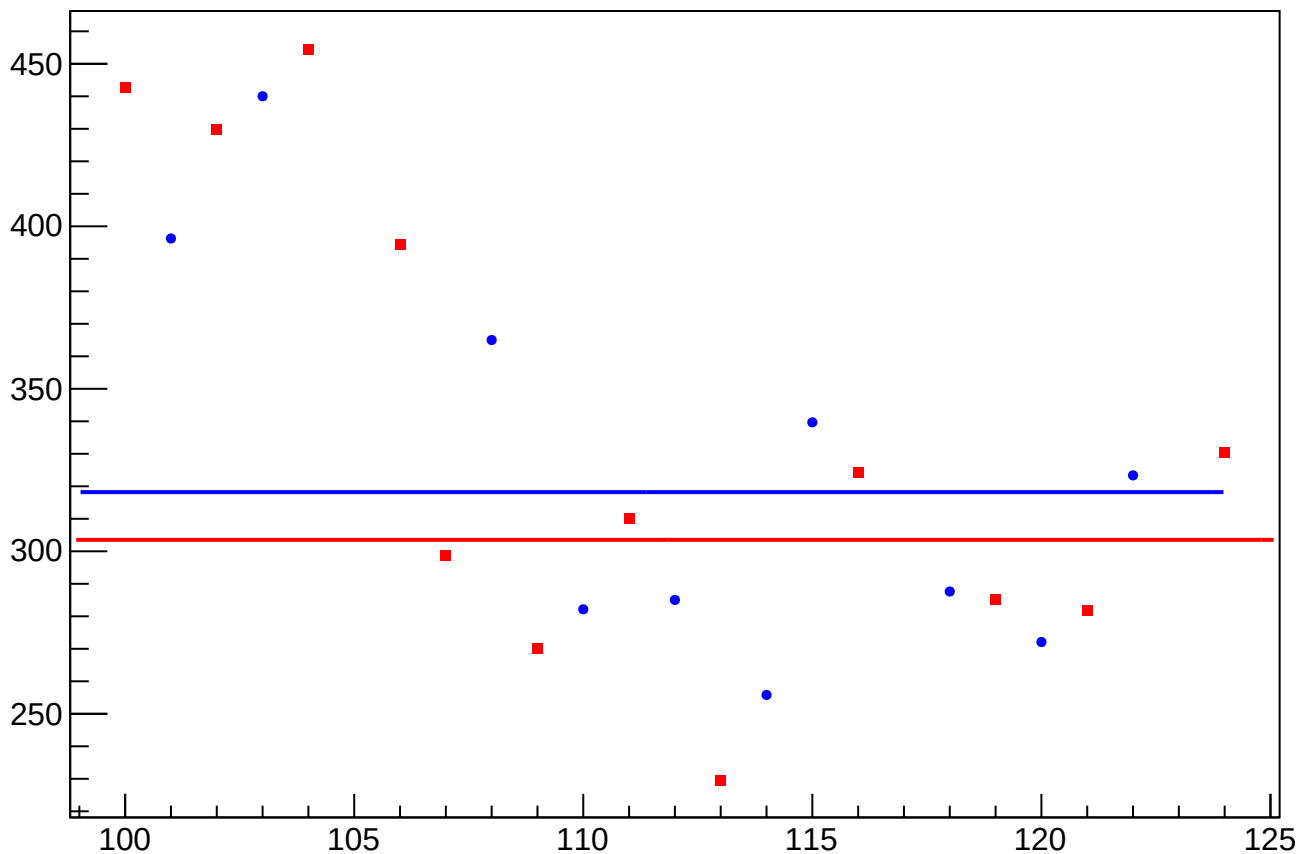
Right: -437.452 $\pm$ 107.440 χ^2 /NDF: 215.2/21

In: 120.667 $\pm$ 161.147 χ^2 /NDF:104.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -437.452 $\pm$ 107.440 χ^2 /NDF: 215.2/21

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 318.210+/-0.114 χ^2/NDF : 227066.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 303.529+/-0.102 χ^2/NDF : 397674.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

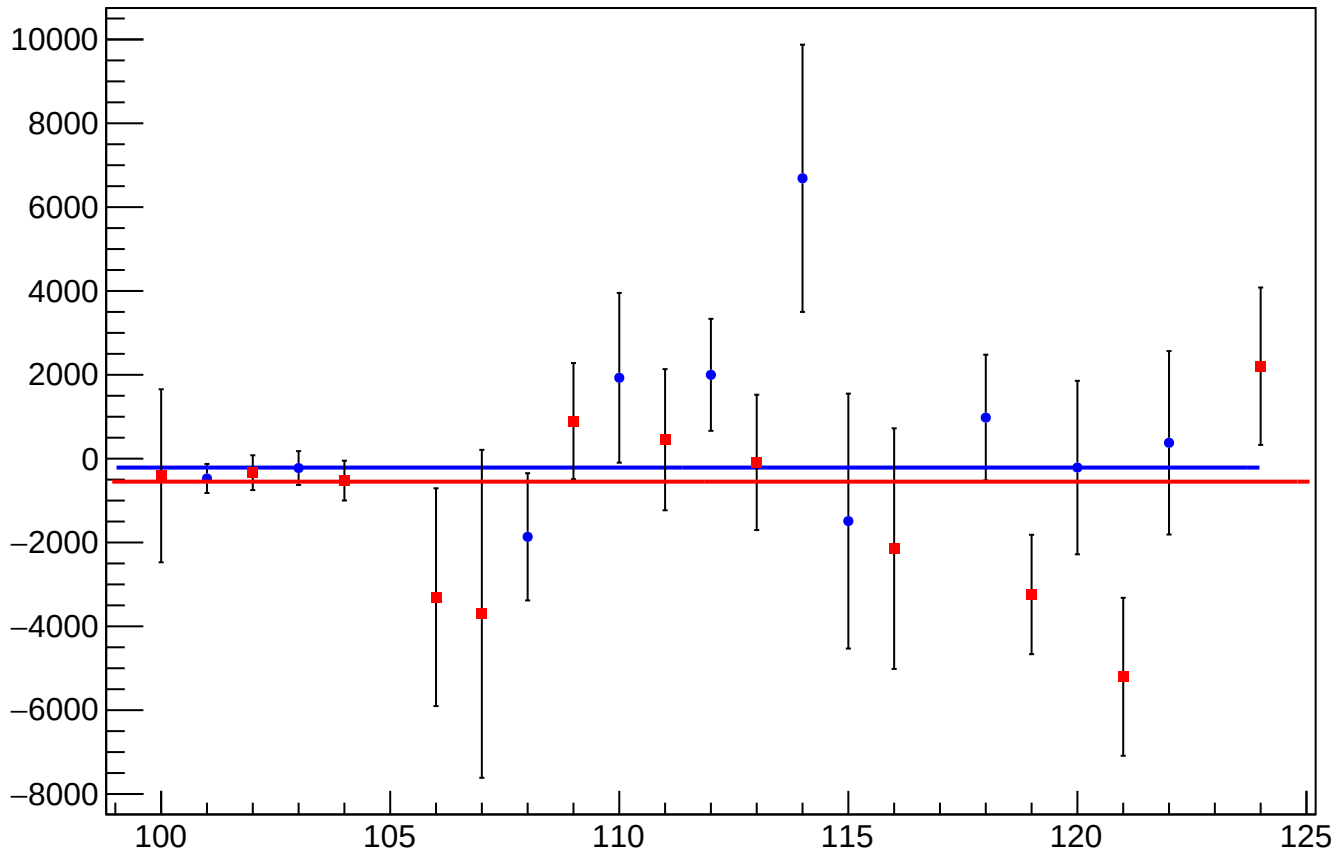
Right: 310.055+/-0.076 χ^2/NDF : 633961.7/21

In: 318.210+/-0.114 χ^2/NDF : 227066.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.055+/-0.076 χ^2/NDF : 633961.7/21

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -212.698+/-243.885 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -548.437+/-275.909 χ^2/NDF : 15.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

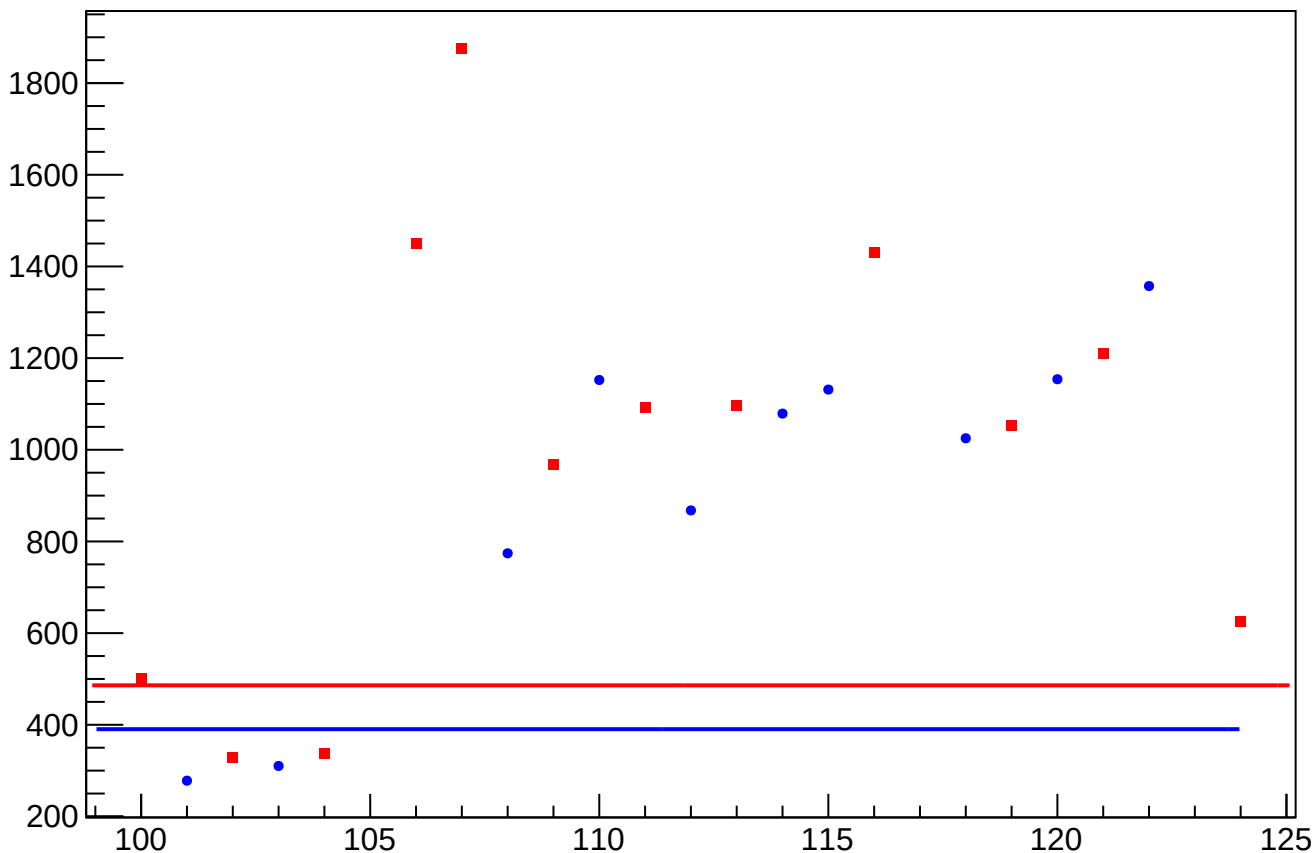
Right: -359.962+/-182.731 χ^2/NDF : 27.7/21

In: -212.698+/-243.885 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.962+/-182.731 χ^2/NDF : 27.7/21

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 390.424+/-0.172 χ^2/NDF : 2188878.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.112+/-0.195 χ^2/NDF : 2633886.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

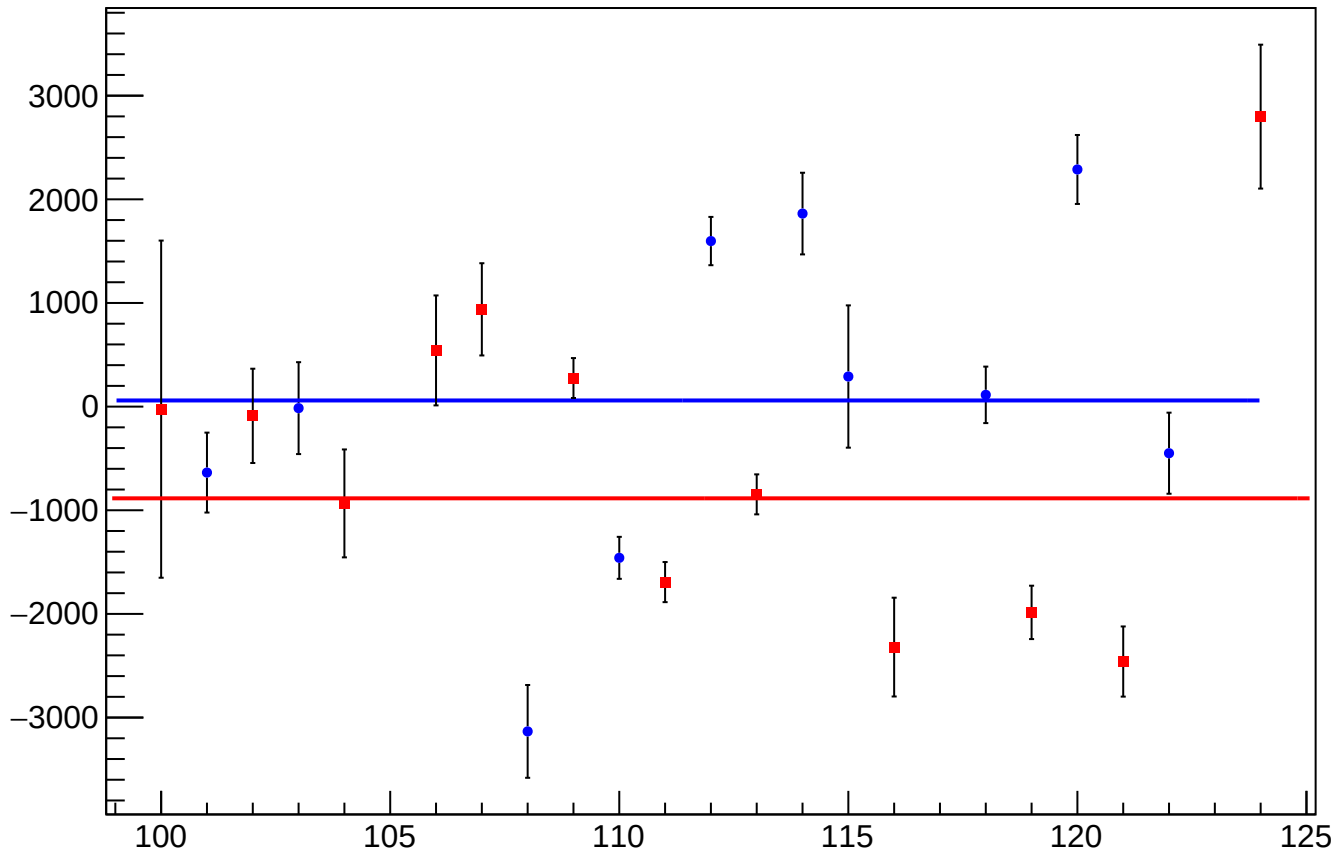
Right: 432.395+/-0.129 χ^2/NDF : 4957804.6/21

In: 390.424+/-0.172 χ^2/NDF : 2188878.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.395+/-0.129 χ^2/NDF : 4957804.6/21

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 59.374+/-101.432 χ^2/NDF : 221.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -884.913+/-88.278 χ^2/NDF : 158.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

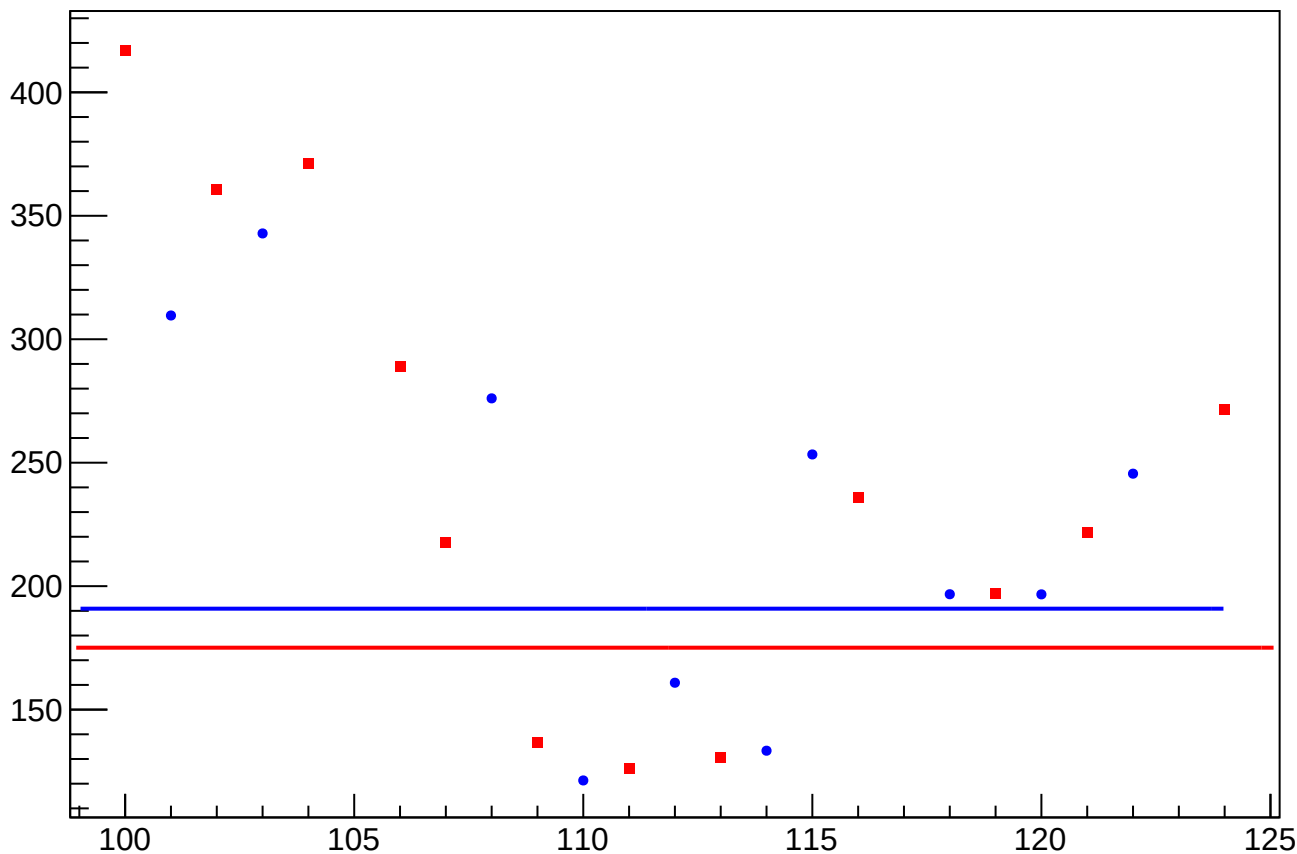
Right: -477.933+/-66.590 χ^2/NDF : 429.2/21

In: 59.374+/-101.432 χ^2/NDF : 221.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -477.933+/-66.590 χ^2/NDF : 429.2/21

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 190.879+/-0.072 χ^2/NDF : 865887.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.078+/-0.062 χ^2/NDF : 1209966.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

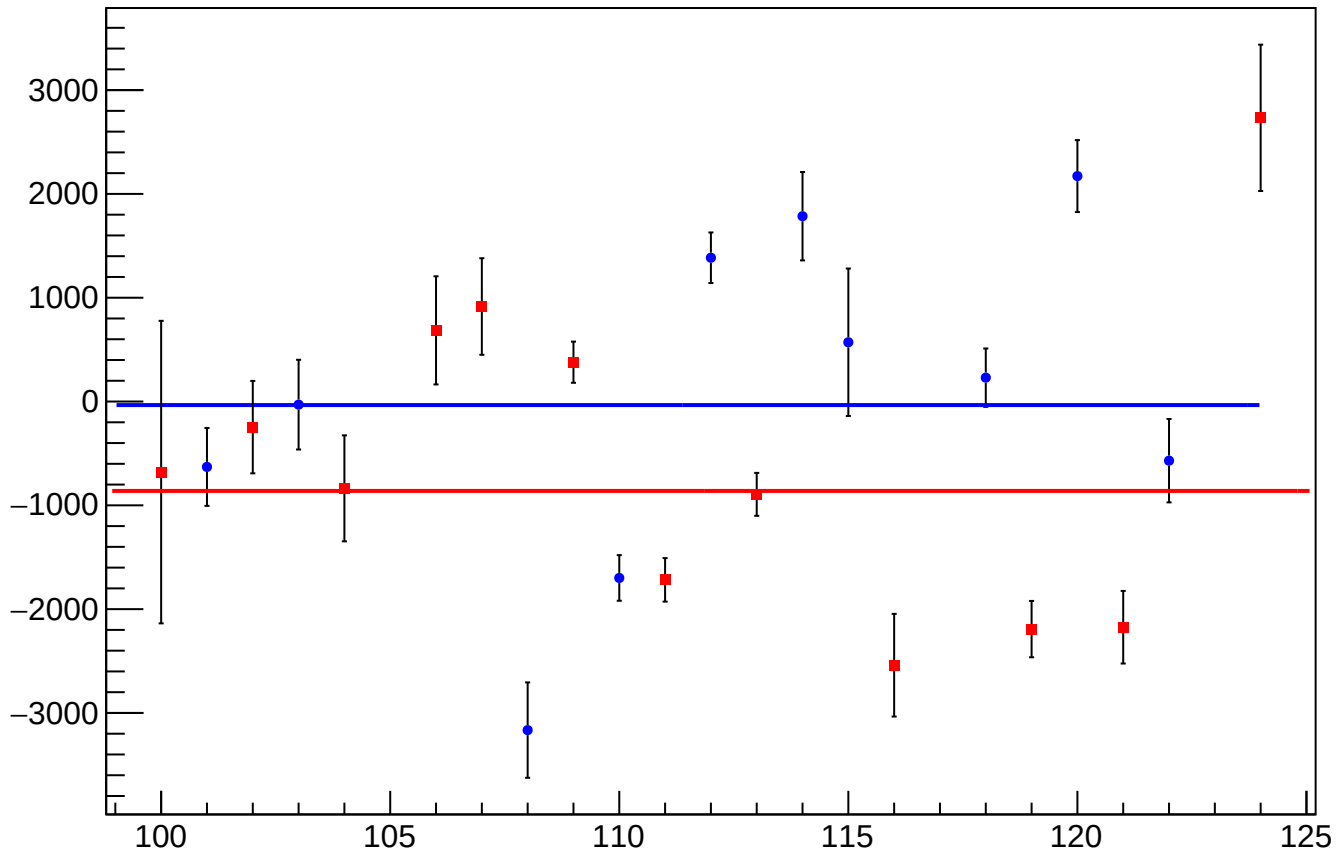
Right: 181.888+/-0.047 χ^2/NDF : 2103470.0/21

In: 190.879+/-0.072 χ^2/NDF : 865887.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.888+/-0.047 χ^2/NDF : 2103470.0/21

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -34.123 ± 105.738 χ^2/NDF : 202.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -861.189 ± 92.413 χ^2/NDF : 156.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

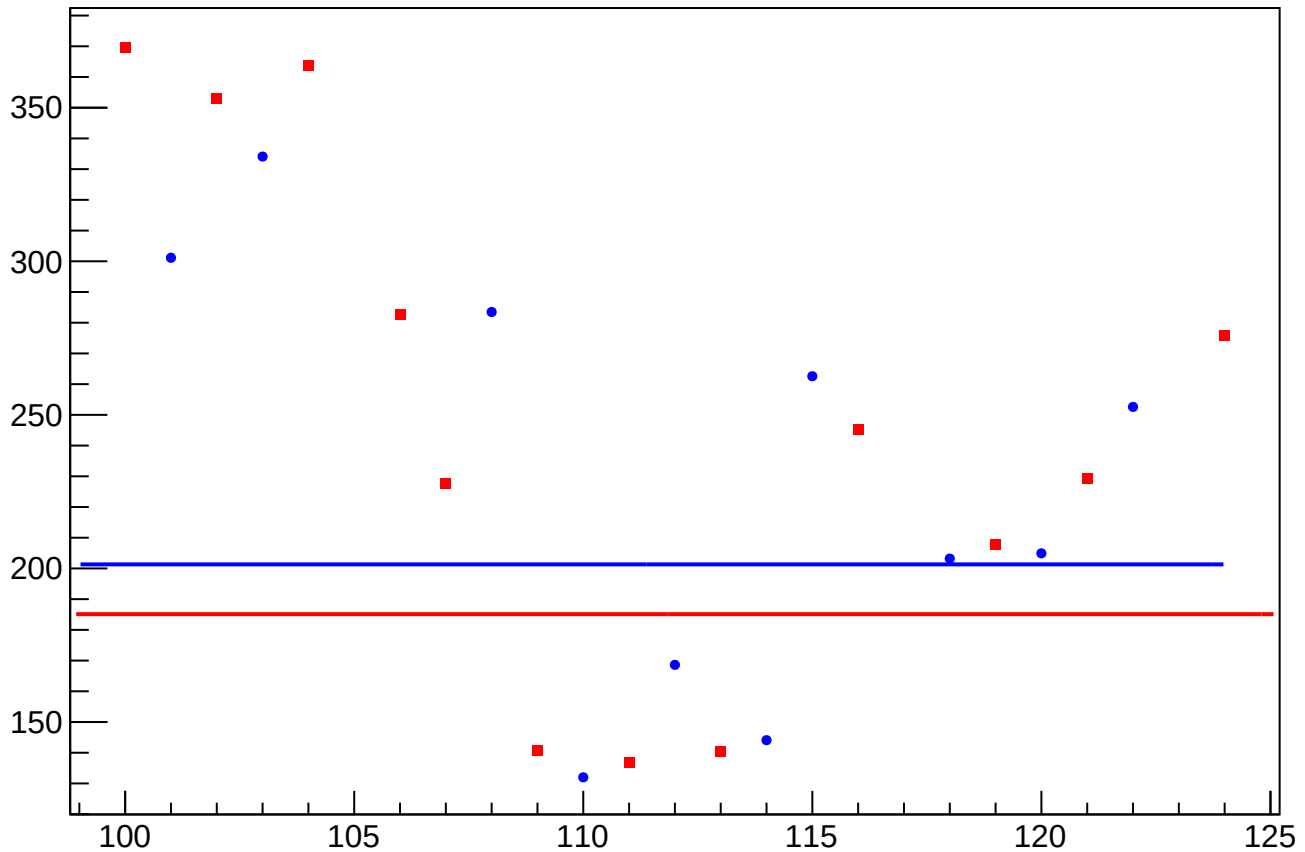
Right: -503.023 ± 69.583 χ^2/NDF : 394.0/21

In: -34.123 ± 105.738 χ^2/NDF : 202.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -503.023 ± 69.583 χ^2/NDF : 394.0/21

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 201.319+/-0.075 χ^2/NDF : 713420.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.113+/-0.065 χ^2/NDF : 1055910.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

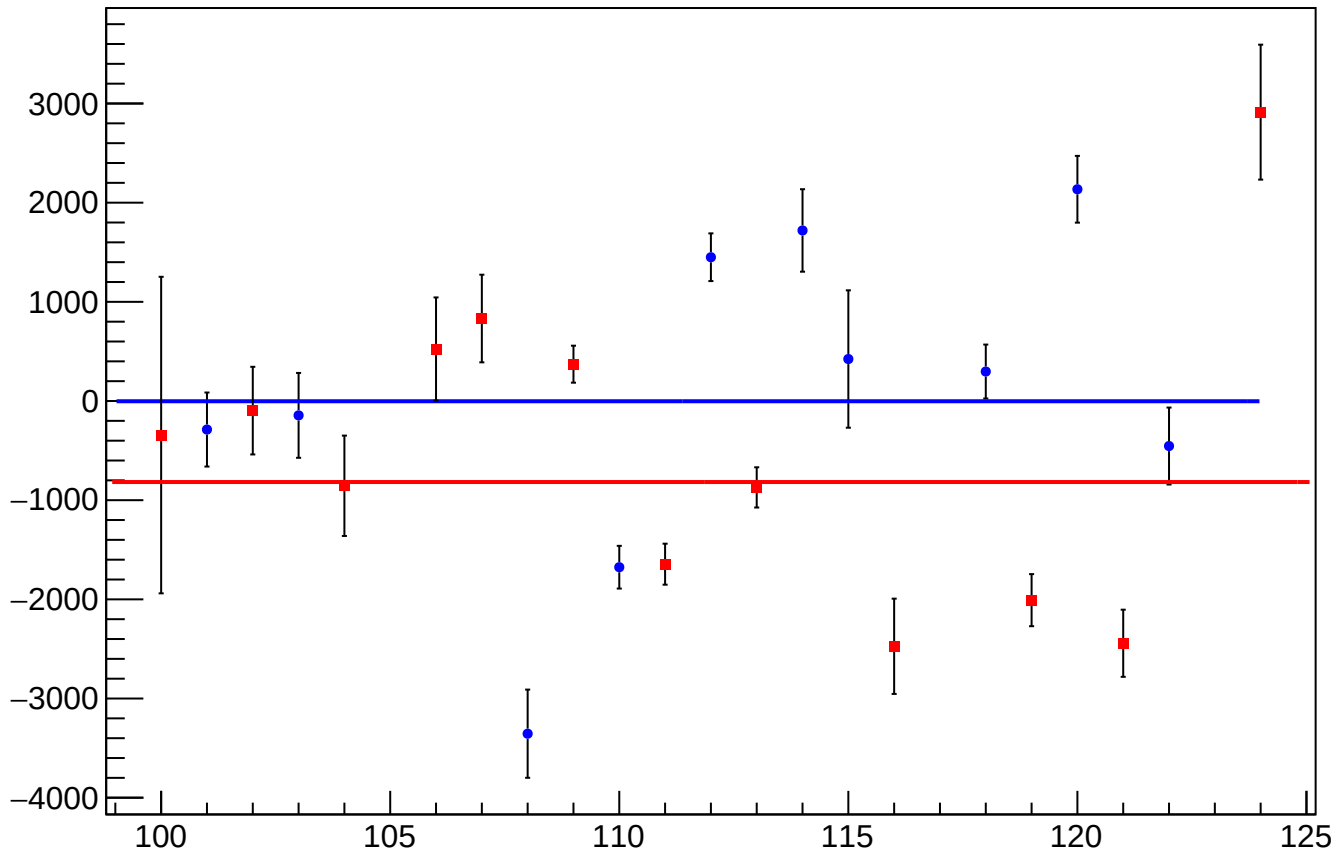
Right: 192.131+/-0.049 χ^2/NDF : 1795965.5/21

In: 201.319+/-0.075 χ^2/NDF : 713420.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.131+/-0.049 χ^2/NDF : 1795965.5/21

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -2.291 ± 103.468 $\chi^2/\text{NDF}: 214.8/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -816.956 ± 89.654 $\chi^2/\text{NDF}: 165.6/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

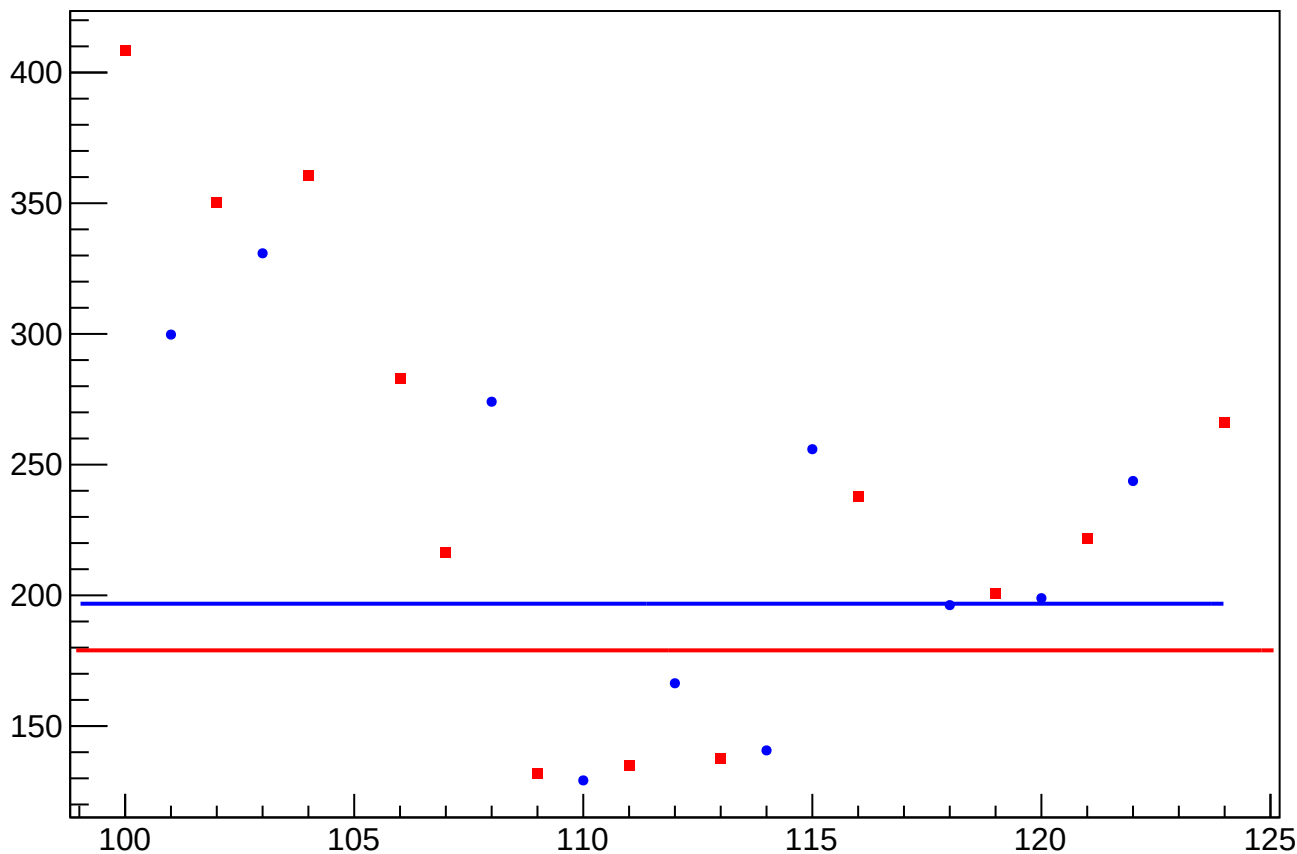
Right: -467.602 ± 67.757 $\chi^2/\text{NDF}: 415.9/21$

In: -2.291 ± 103.468 $\chi^2/\text{NDF}: 214.8/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -467.602 ± 67.757 $\chi^2/\text{NDF}: 415.9/21$

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 196.801+/-0.073 χ^2/NDF : 718149.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.958+/-0.063 χ^2/NDF : 1103388.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

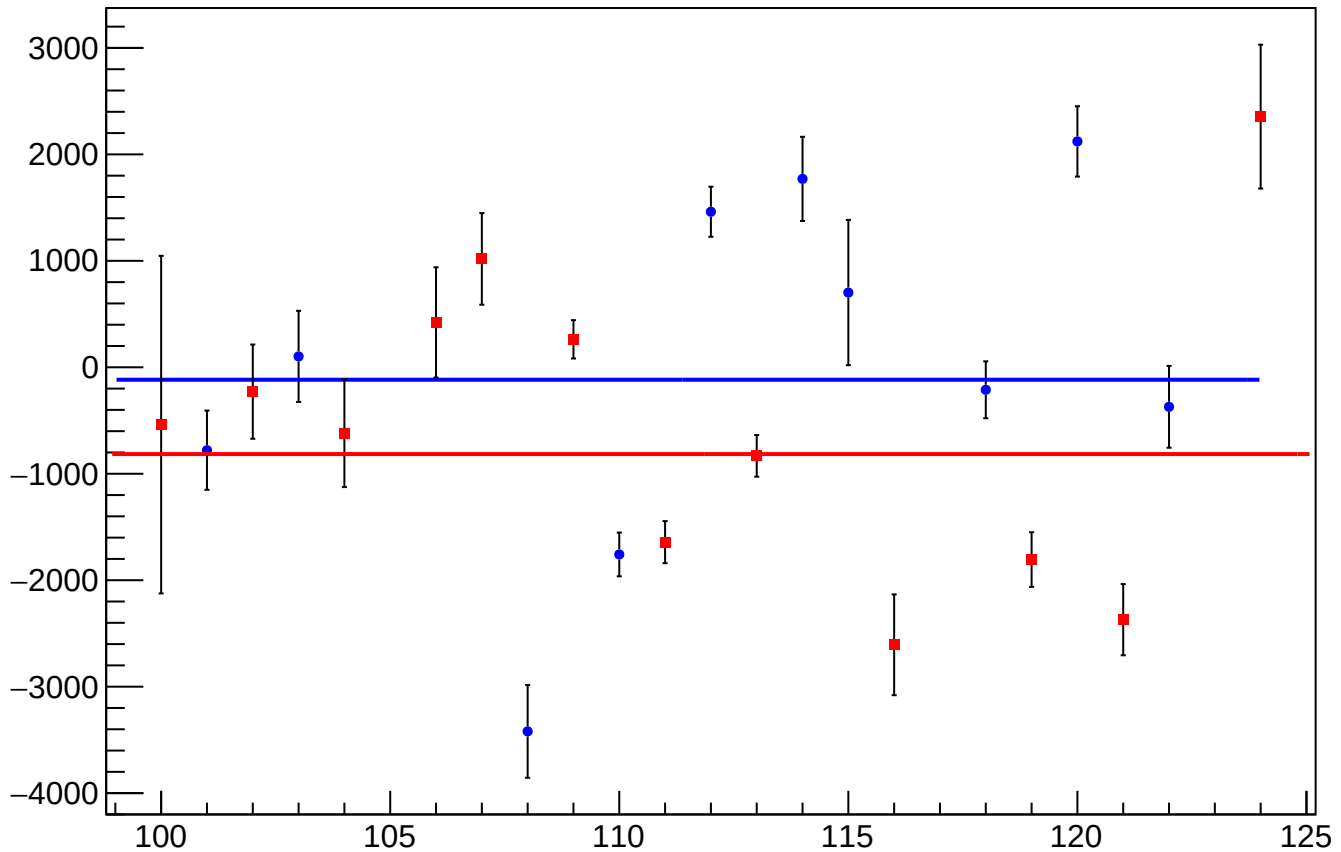
Right: 186.610+/-0.048 χ^2/NDF : 1855508.0/21

In: 196.801+/-0.073 χ^2/NDF : 718149.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.610+/-0.048 χ^2/NDF : 1855508.0/21

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -116.697+/-100.926 χ^2/NDF : 240.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -814.850+/-87.071 χ^2/NDF : 152.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

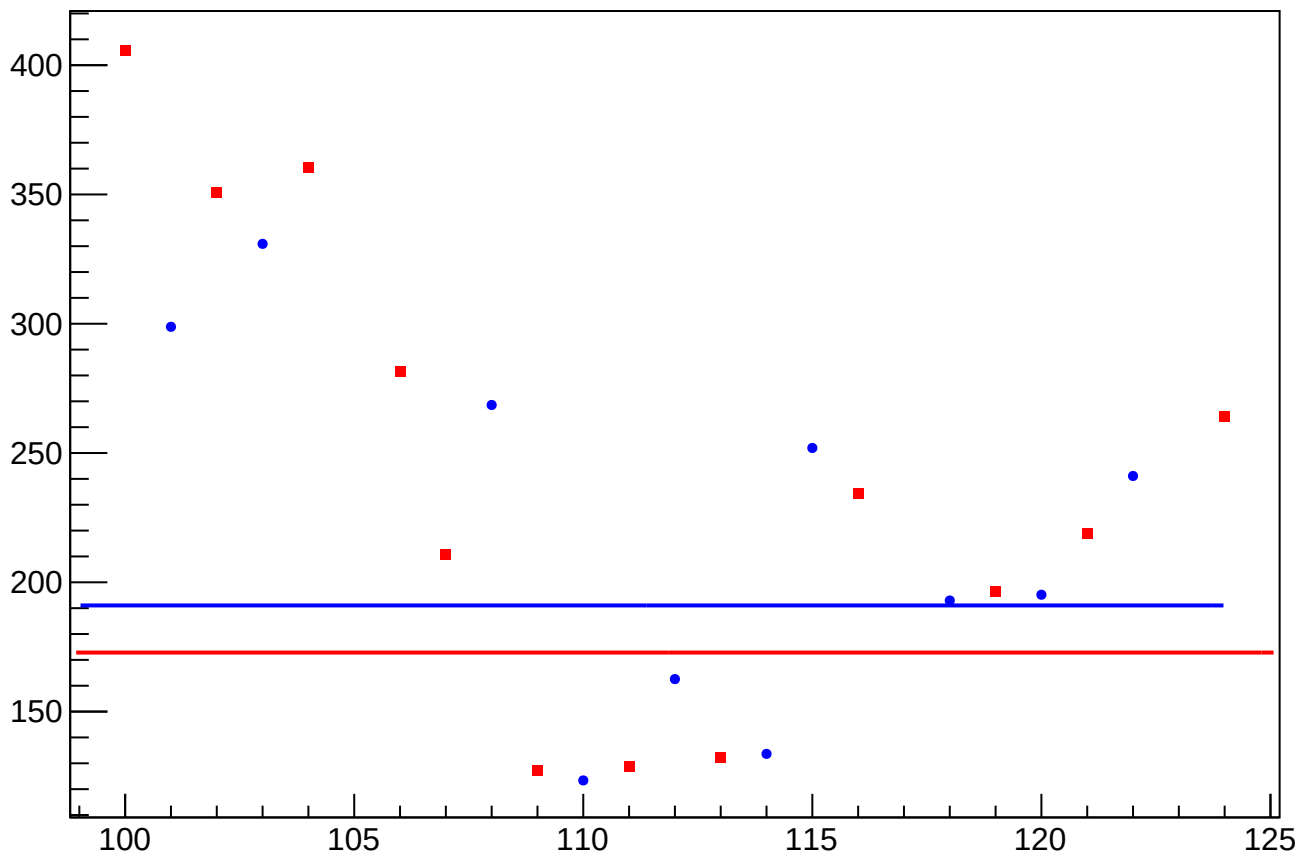
Right: -516.947+/-65.927 χ^2/NDF : 419.8/21

In: -116.697+/-100.926 χ^2/NDF : 240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -516.947+/-65.927 χ^2/NDF : 419.8/21

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 191.053+/-0.071 χ^2/NDF : 783189.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.833+/-0.062 χ^2/NDF : 1184092.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

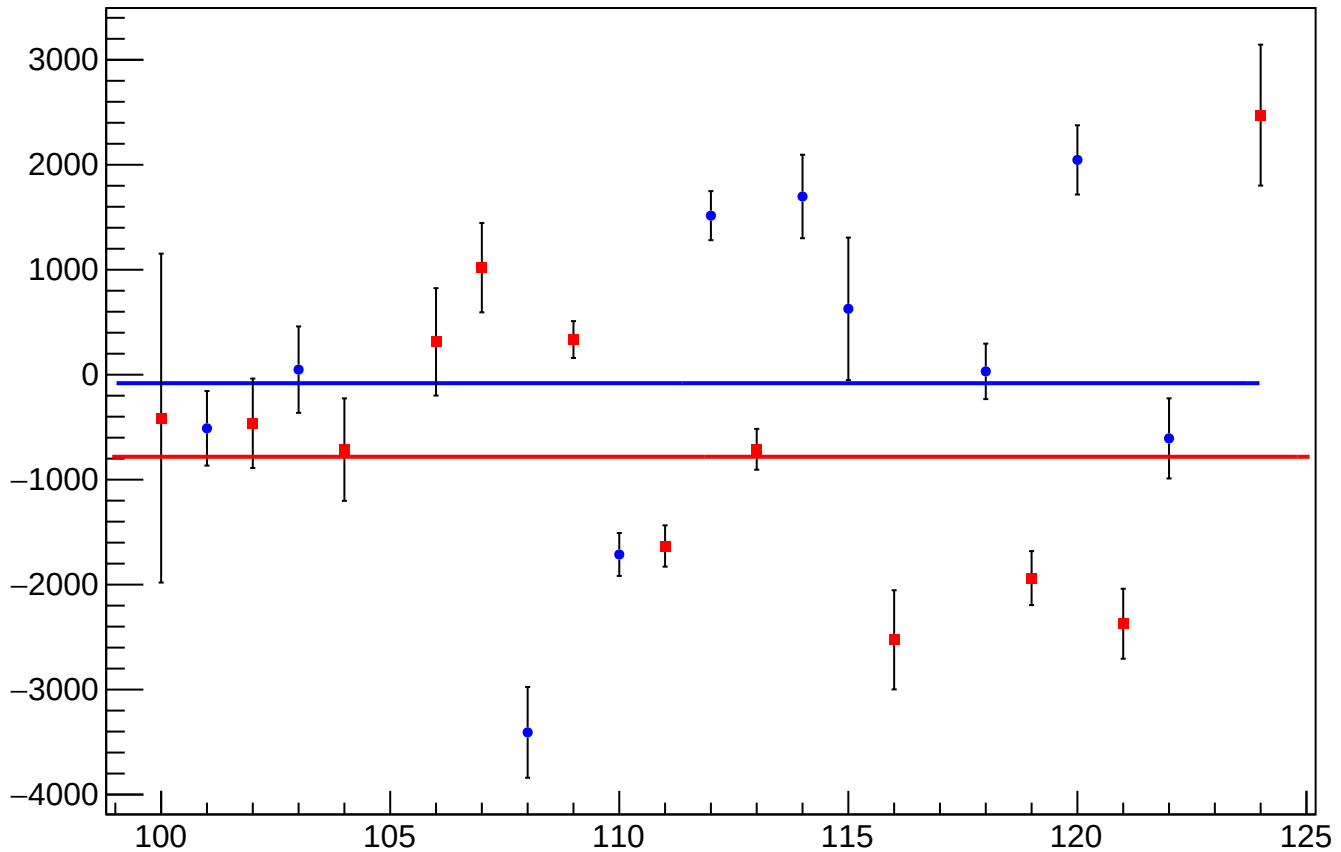
Right: 180.607+/-0.047 χ^2/NDF : 2004653.0/21

In: 191.053+/-0.071 χ^2/NDF : 783189.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.607+/-0.047 χ^2/NDF : 2004653.0/21

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -81.046+/-99.828 χ^2/NDF : 236.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -781.858+/-86.058 χ^2/NDF : 162.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

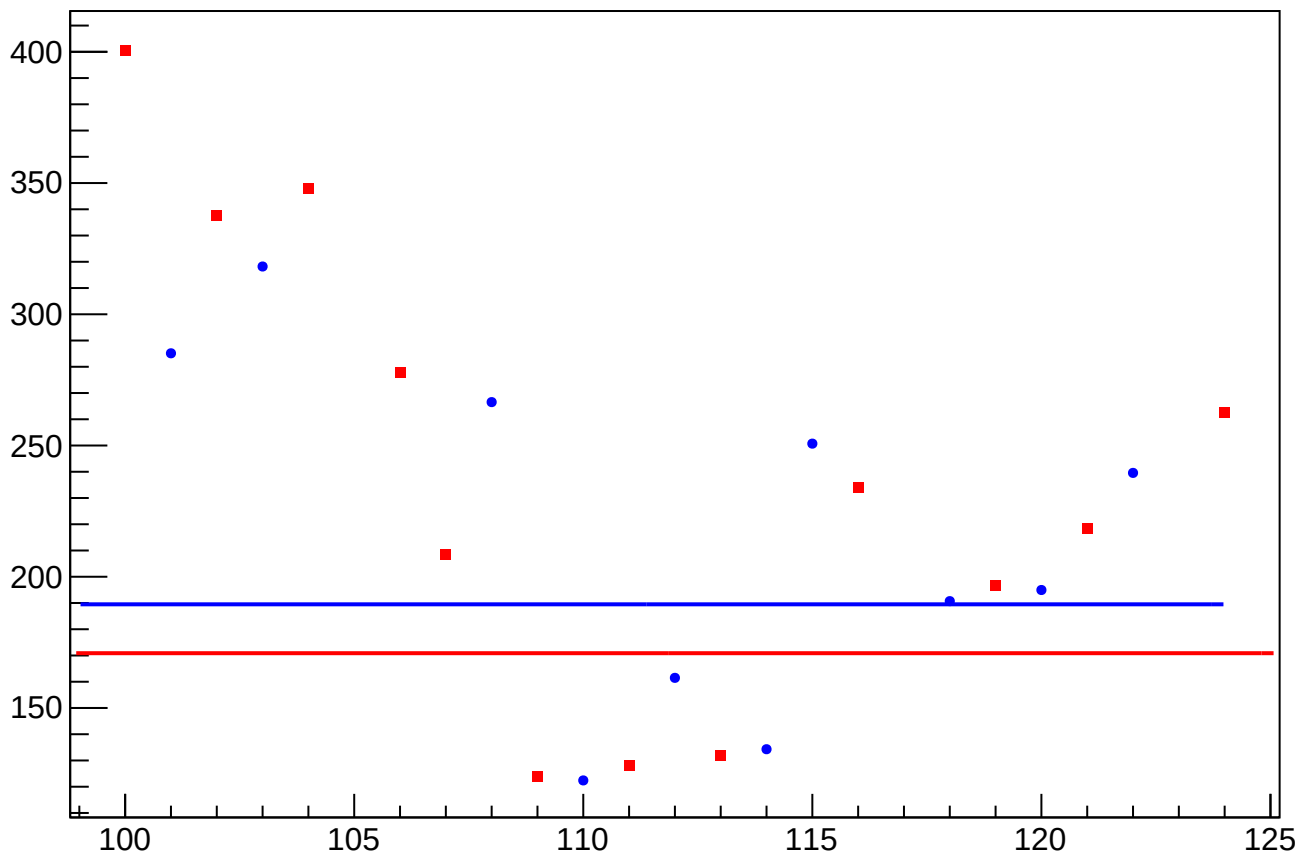
Right: -483.085+/-65.181 χ^2/NDF : 426.8/21

In: -81.046+/-99.828 χ^2/NDF : 236.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.085+/-65.181 χ^2/NDF : 426.8/21

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 189.496+/-0.071 χ^2/NDF : 738508.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.874+/-0.061 χ^2/NDF : 1168051.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

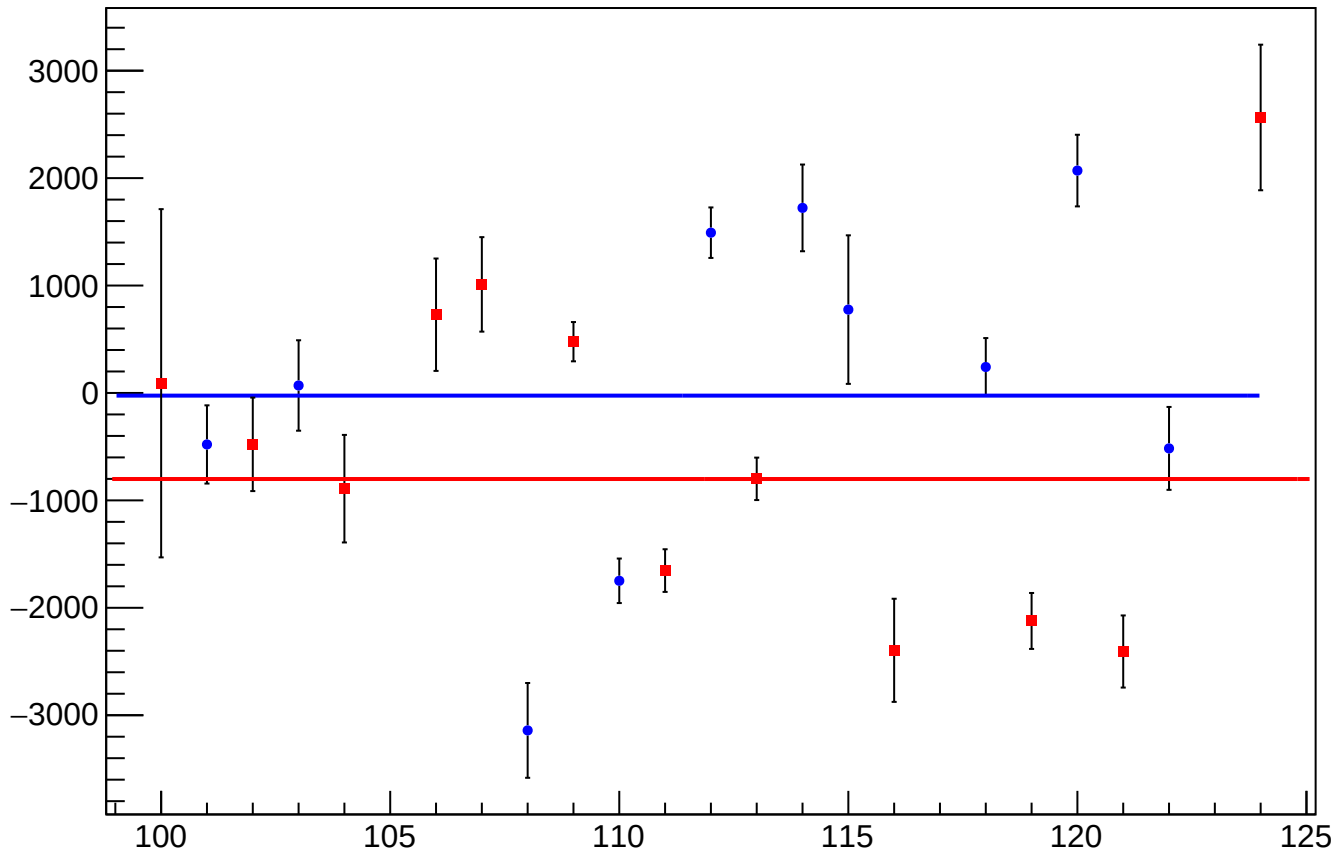
Right: 178.813+/-0.046 χ^2/NDF : 1946484.6/21

In: 189.496+/-0.071 χ^2/NDF : 738508.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.813+/-0.046 χ^2/NDF : 1946484.6/21

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -24.818 ± 101.305 $\chi^2/\text{NDF}: 224.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -801.075 ± 87.861 $\chi^2/\text{NDF}: 178.1/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

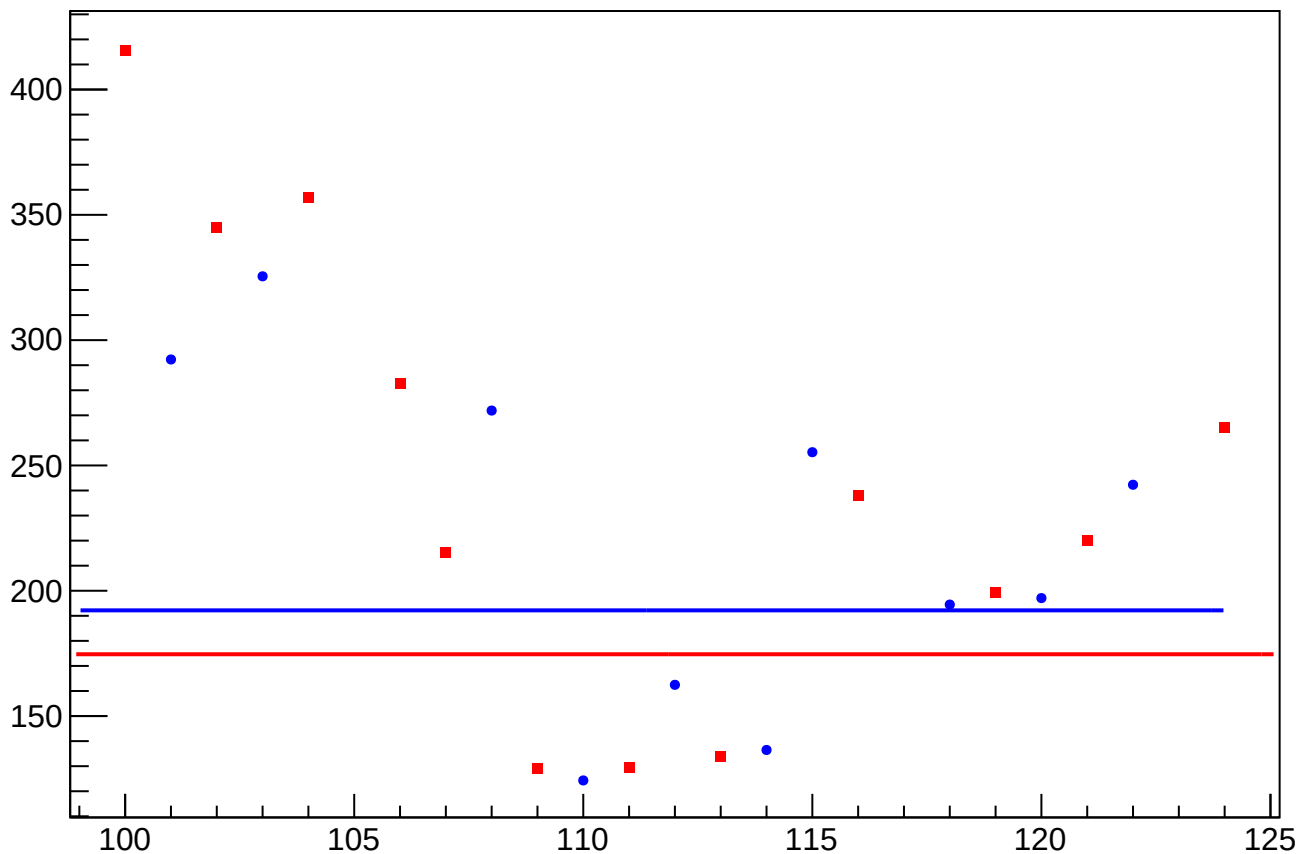
Right: -467.837 ± 66.375 $\chi^2/\text{NDF}: 436.1/21$

In: -24.818 ± 101.305 $\chi^2/\text{NDF}: 224.5/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -467.837 ± 66.375 $\chi^2/\text{NDF}: 436.1/21$

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 192.179+/-0.072 χ^2/NDF : 752688.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.664+/-0.062 χ^2/NDF : 1154190.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

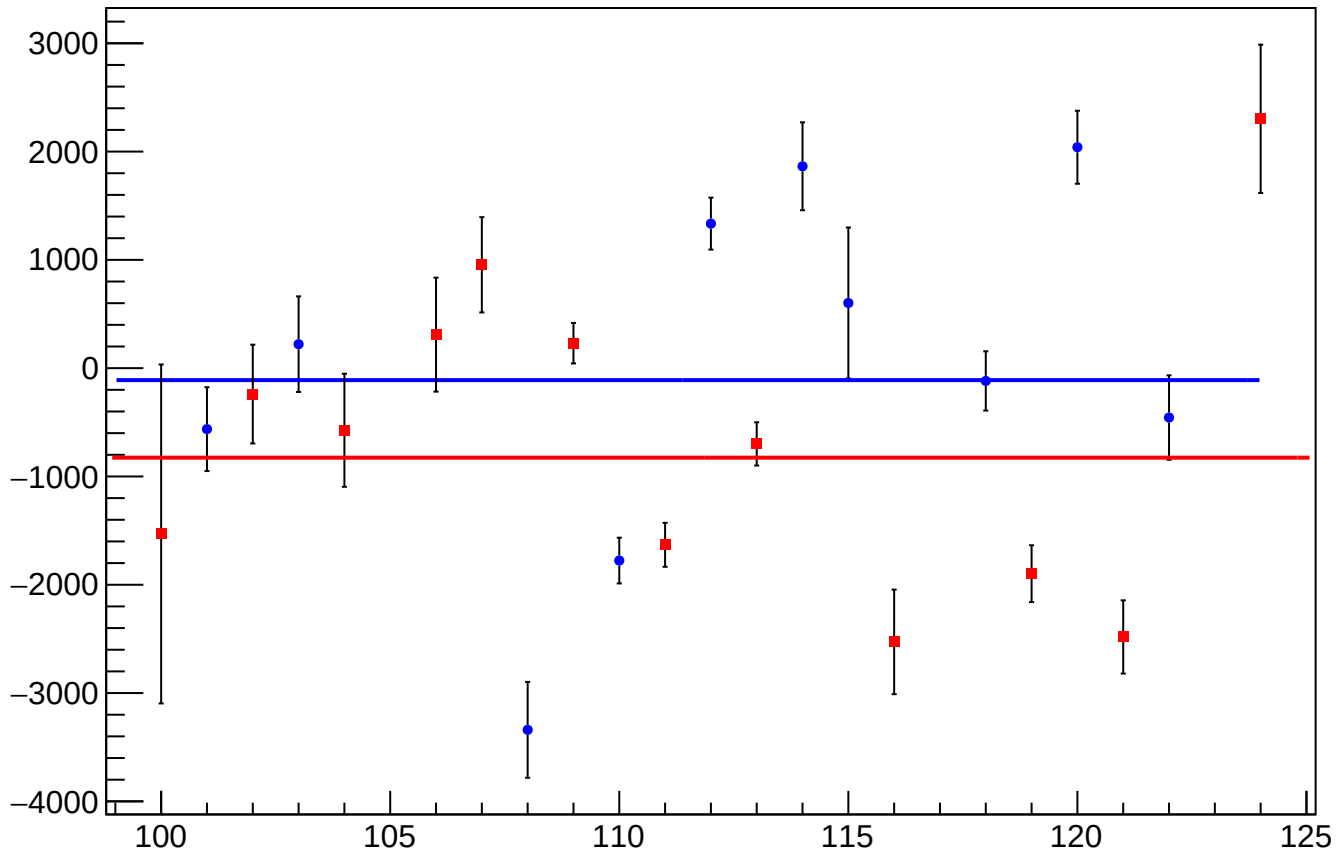
Right: 182.183+/-0.047 χ^2/NDF : 1940998.6/21

In: 192.179+/-0.072 χ^2/NDF : 752688.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.183+/-0.047 χ^2/NDF : 1940998.6/21

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -110.451+/-103.371 χ^2 /NDF: 219.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -826.442+/-89.337 χ^2 /NDF: 145.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

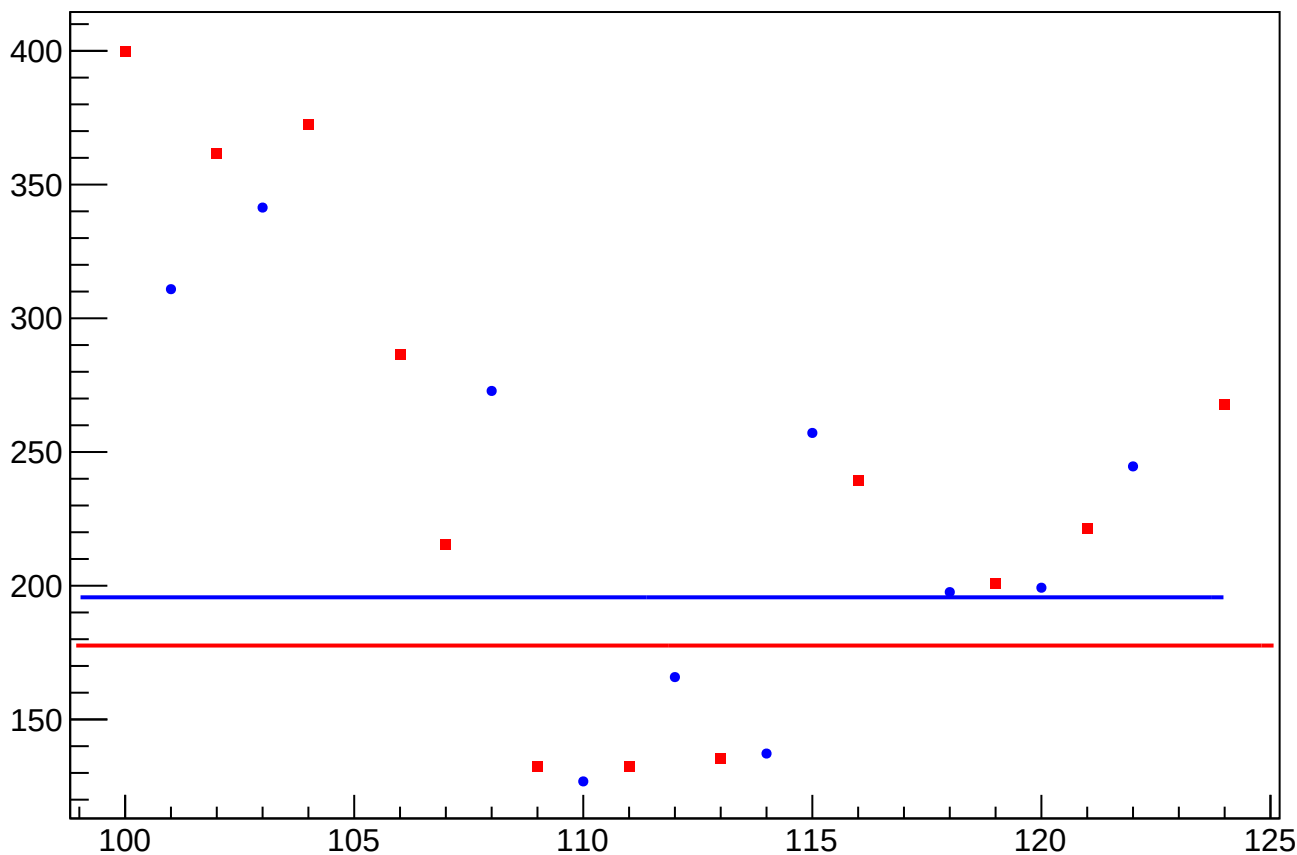
Right: -520.311+/-67.592 χ^2 /NDF: 392.5/21

In: -110.451+/-103.371 χ^2 /NDF:219.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -520.311+/-67.592 χ^2 /NDF: 392.5/21

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 195.668+/-0.073 χ^2/NDF : 788179.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.633+/-0.063 χ^2/NDF : 1167046.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

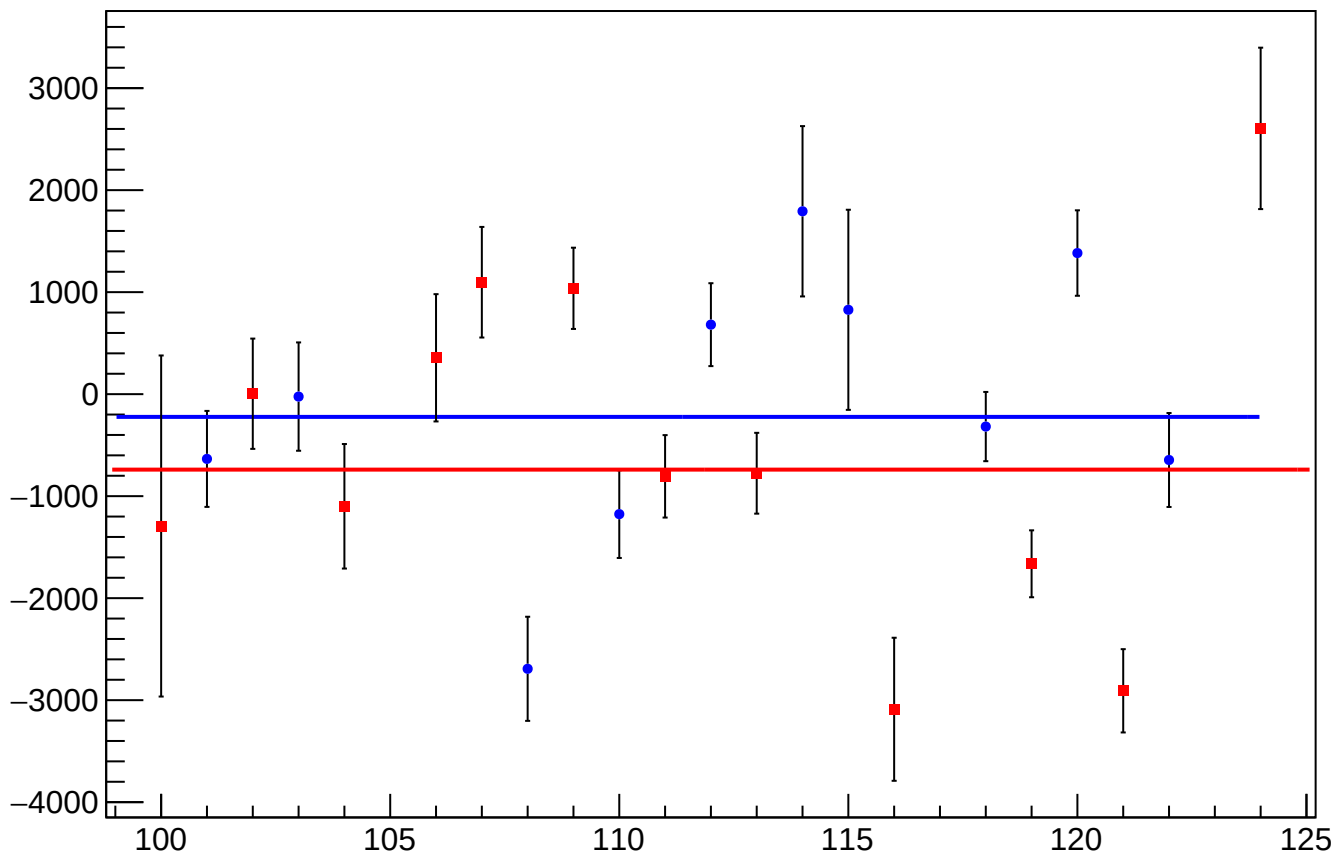
Right: 185.344+/-0.048 χ^2/NDF : 1990075.5/21

In: 195.668+/-0.073 χ^2/NDF : 788179.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.344+/-0.048 χ^2/NDF : 1990075.5/21

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -222.905 ± 149.173 χ^2/NDF : 56.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -739.807 ± 141.199 χ^2/NDF : 102.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

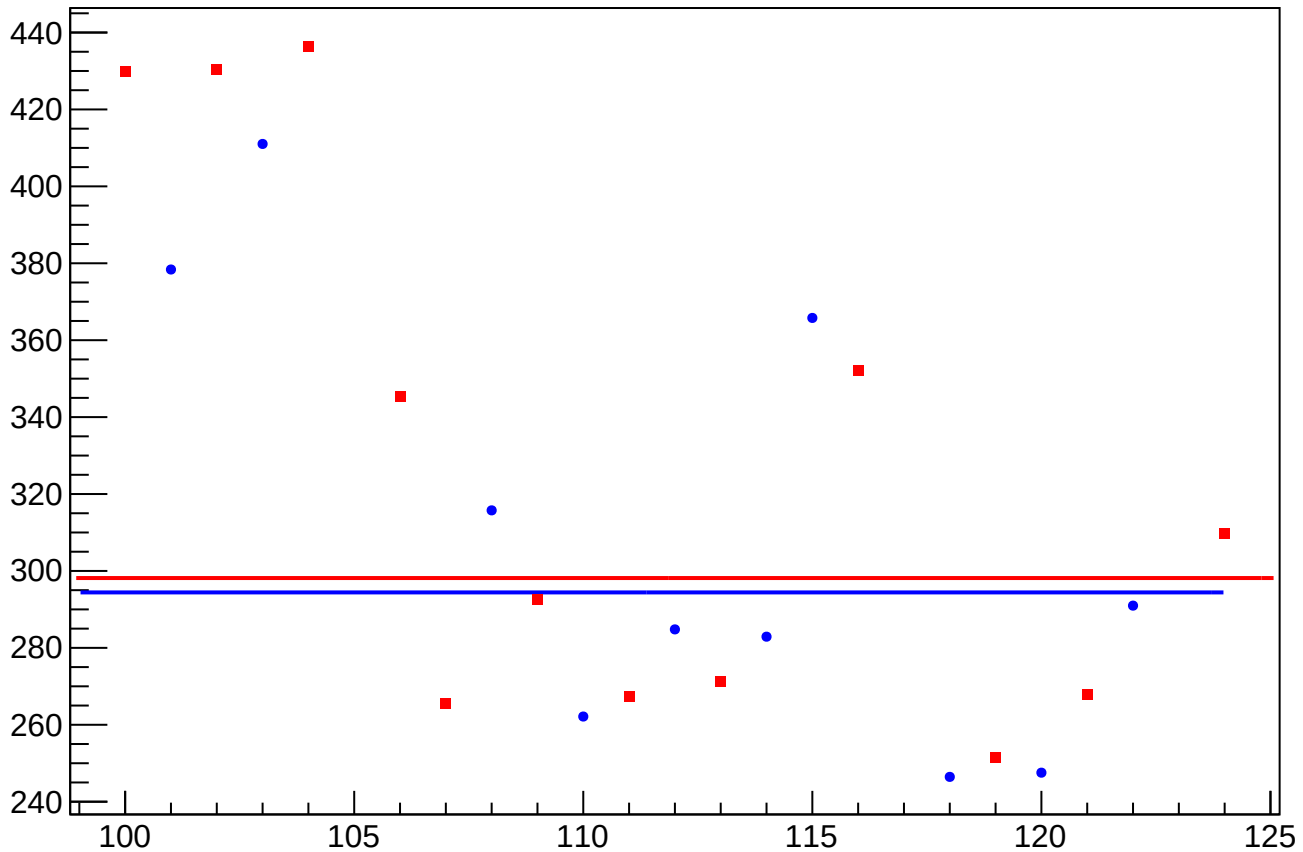
Right: -495.539 ± 102.546 χ^2/NDF : 165.2/21

In: -222.905 ± 149.173 χ^2/NDF : 56.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -495.539 ± 102.546 χ^2/NDF : 165.2/21

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 294.417 $\pm$ 0.105 χ^2 /NDF: 252085.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 298.155 $\pm$ 0.100 χ^2 /NDF: 338419.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

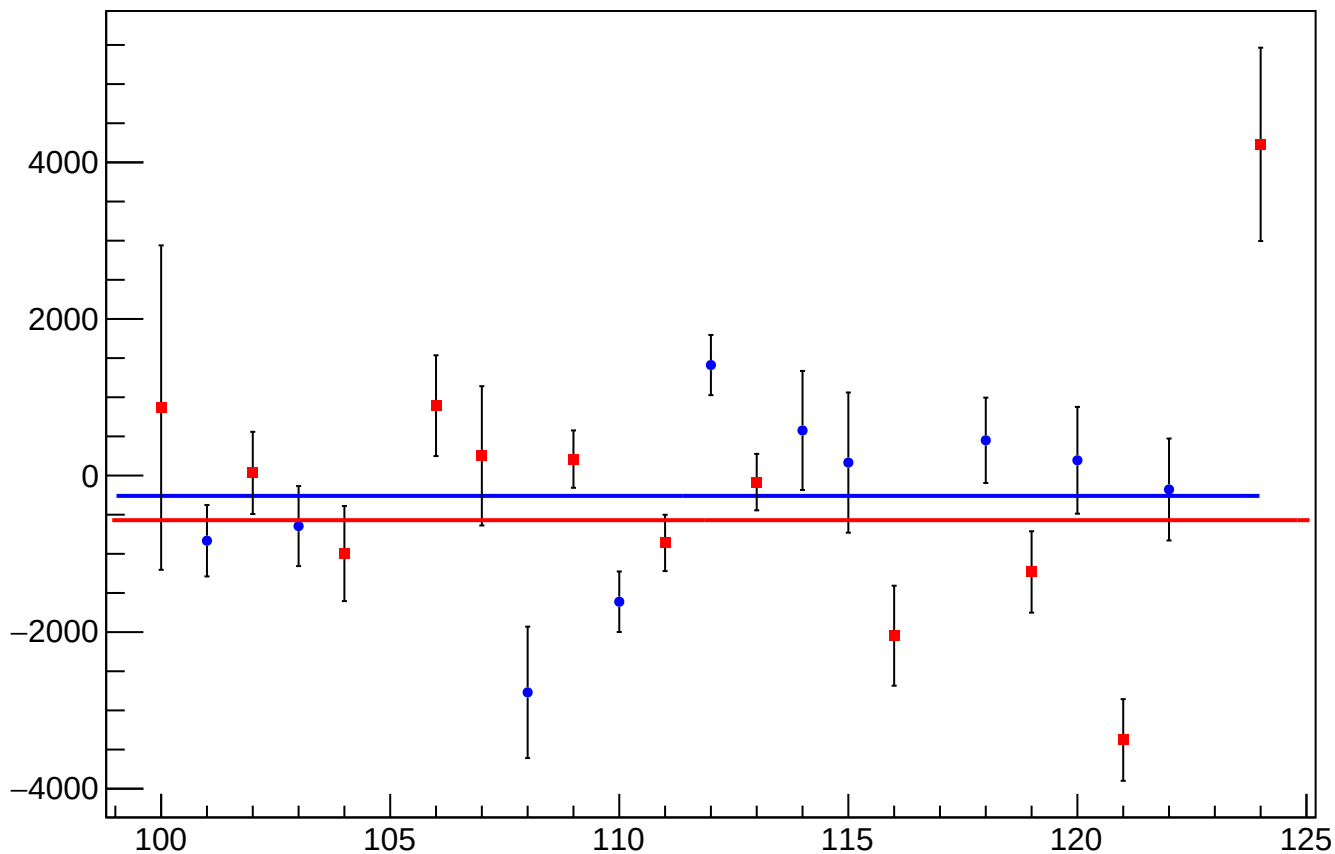
Right: 296.389 $\pm$ 0.073 χ^2 /NDF: 591167.7/21

In: 294.417 $\pm$ 0.105 χ^2 /NDF:252085.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 296.389 $\pm$ 0.073 χ^2 /NDF: 591167.7/21

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -259.914 $\pm$ 170.576 χ^2 /NDF: 45.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -570.147 $\pm$ 151.445 χ^2 /NDF: 66.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

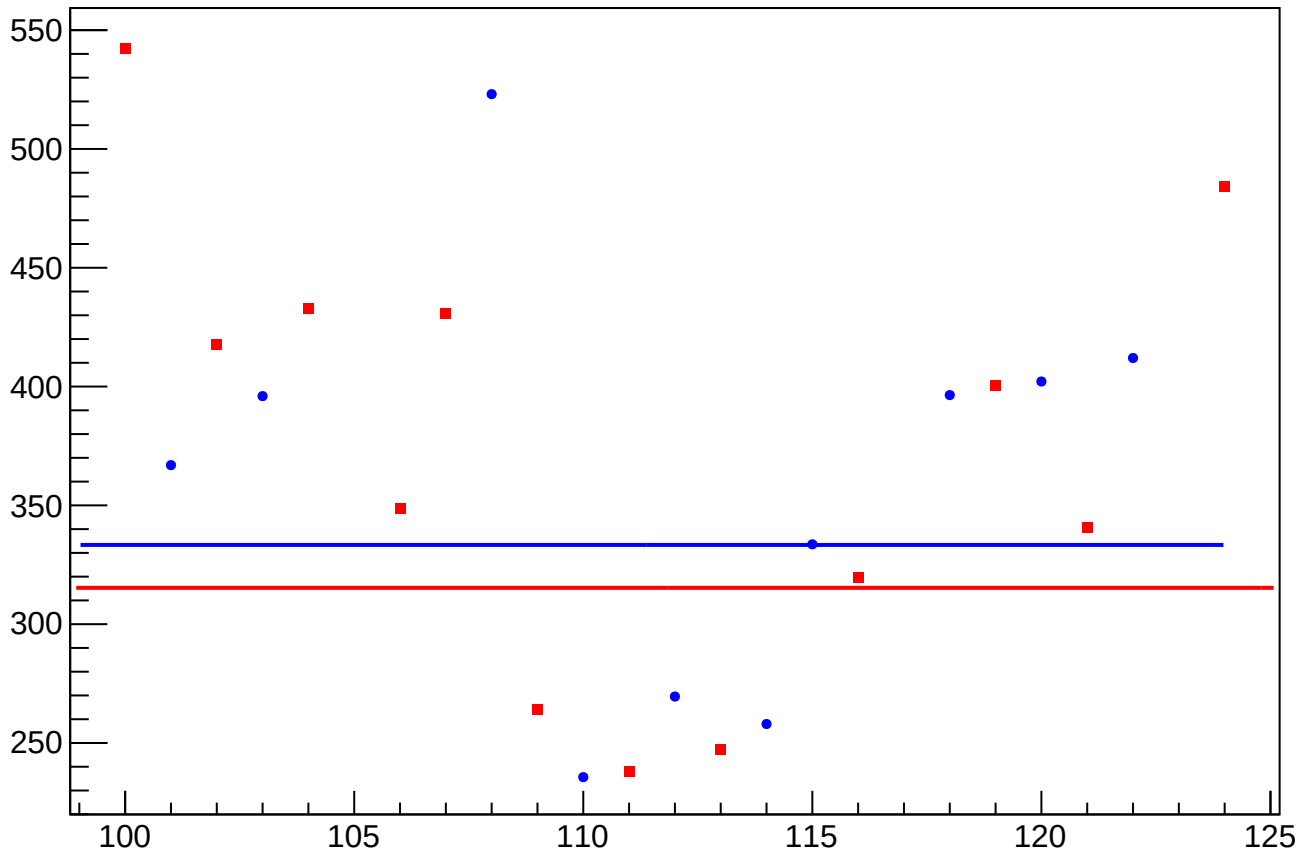
Right: -433.396 $\pm$ 113.250 χ^2 /NDF: 114.0/21

In: -259.914 $\pm$ 170.576 χ^2 /NDF:45.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -433.396 $\pm$ 113.250 χ^2 /NDF: 114.0/21

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 333.352+/-0.121 χ^2/NDF : 422020.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 315.300+/-0.107 χ^2/NDF : 512707.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

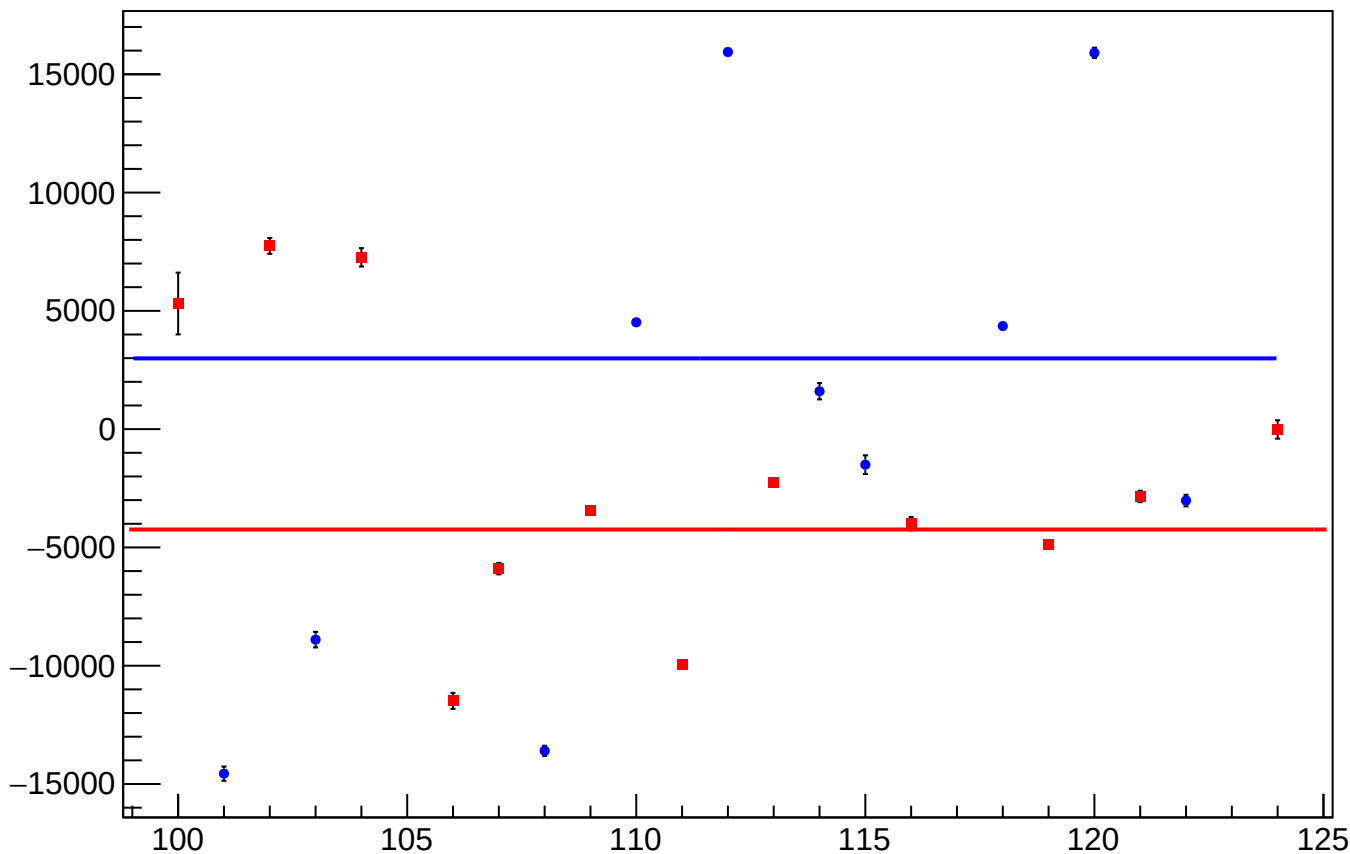
Right: 323.257+/-0.080 χ^2/NDF : 947252.8/21

In: 333.352+/-0.121 χ^2/NDF : 422020.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.257+/-0.080 χ^2/NDF : 947252.8/21

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2990.389+/-71.288 χ^2/NDF : 20654.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4242.484+/-66.136 χ^2/NDF : 4384.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

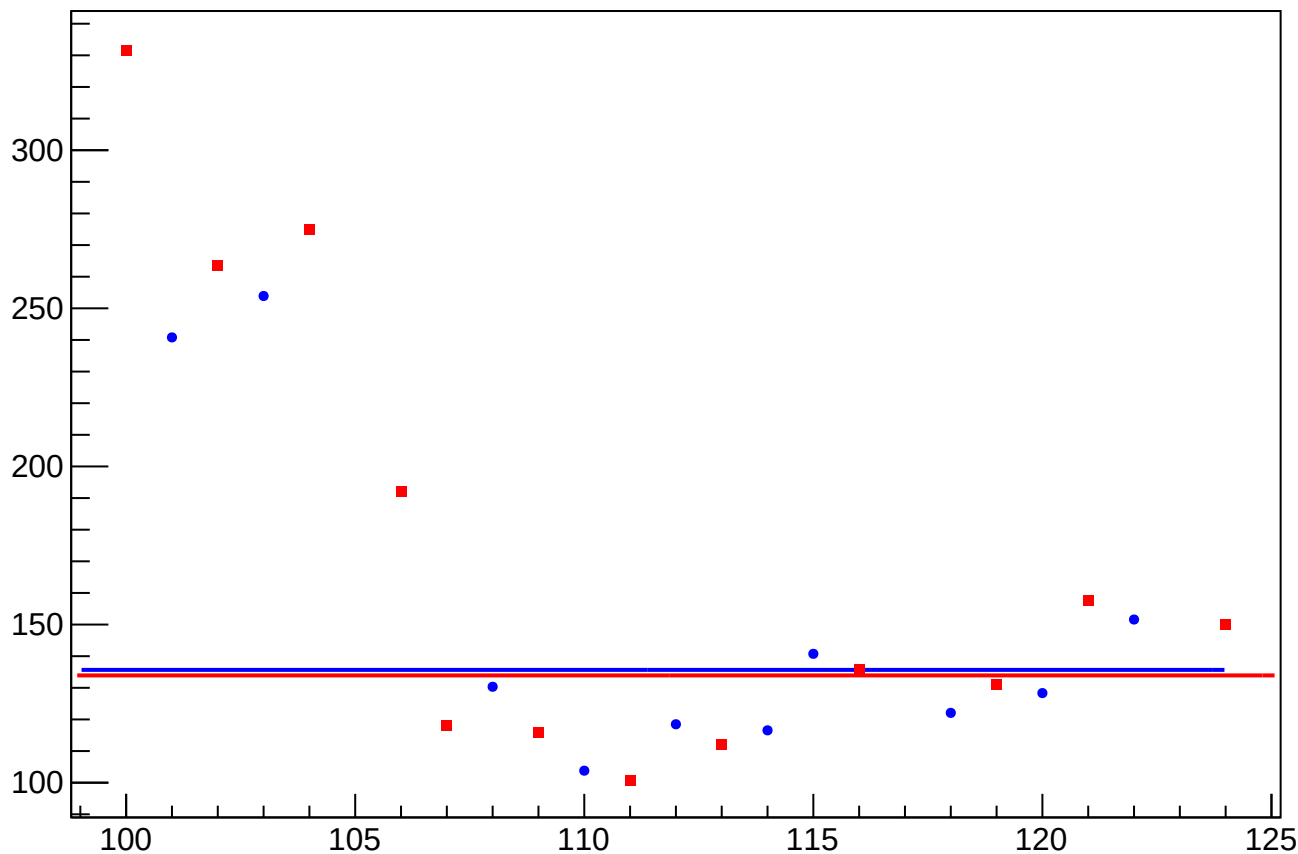
Right: -896.862+/-48.484 χ^2/NDF : 30571.8/21

In: 2990.389+/-71.288 χ^2/NDF : 20654.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -896.862+/-48.484 χ^2/NDF : 30571.8/21

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.672+/-0.050 χ^2/NDF : 620356.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.924+/-0.047 χ^2/NDF : 846144.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

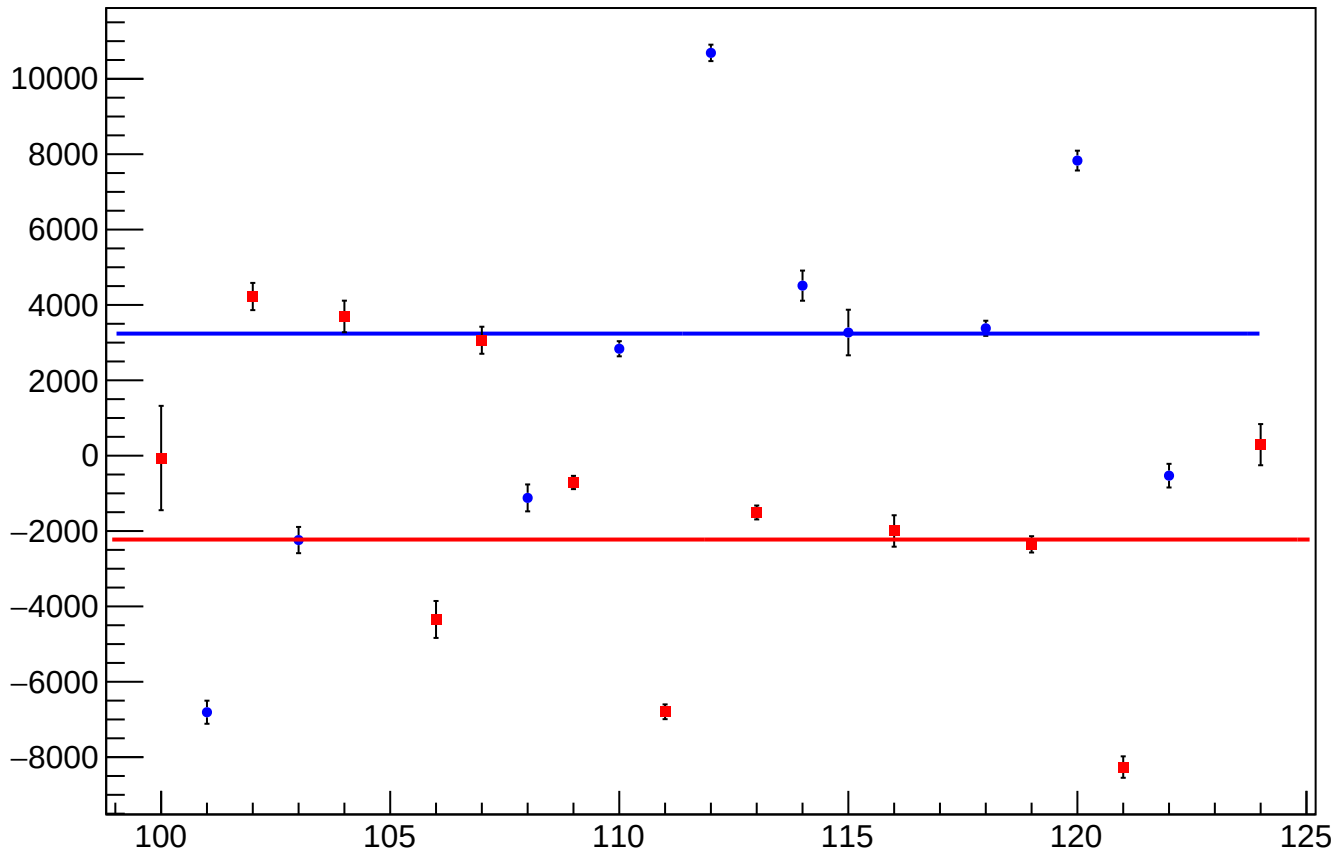
Right: 134.732+/-0.034 χ^2/NDF : 1467147.3/21

In: 135.672+/-0.050 χ^2/NDF : 620356.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.732+/-0.034 χ^2/NDF : 1467147.3/21

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3239.415+/-87.371 χ^2/NDF : 3101.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2225.544+/-80.010 χ^2/NDF : 1860.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

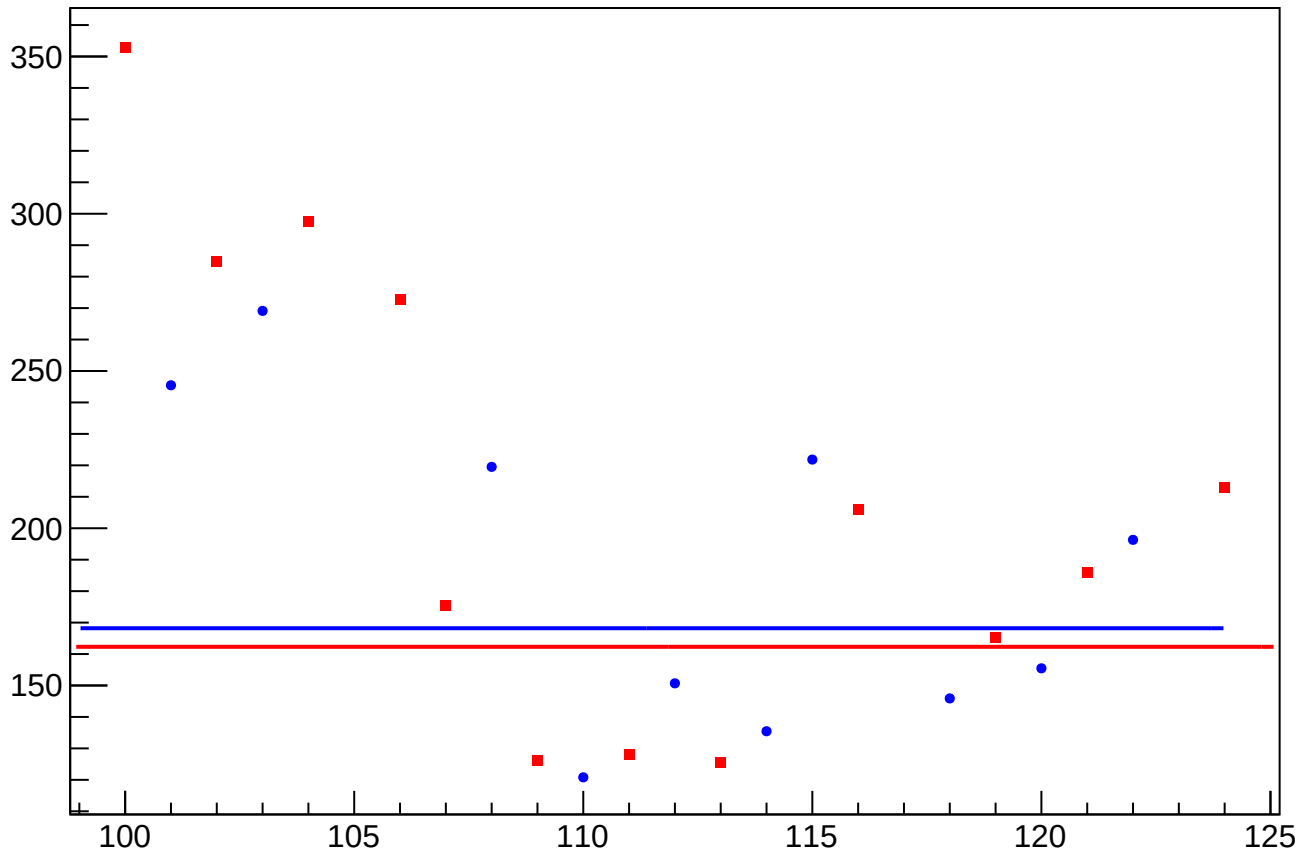
Right: 267.072+/-59.007 χ^2/NDF : 7089.9/21

In: 3239.415+/-87.371 χ^2/NDF :3101.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 267.072+/-59.007 χ^2/NDF : 7089.9/21

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 168.202 $\pm$ 0.062 χ^2 /NDF: 535265.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 162.297 $\pm$ 0.057 χ^2 /NDF: 859936.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

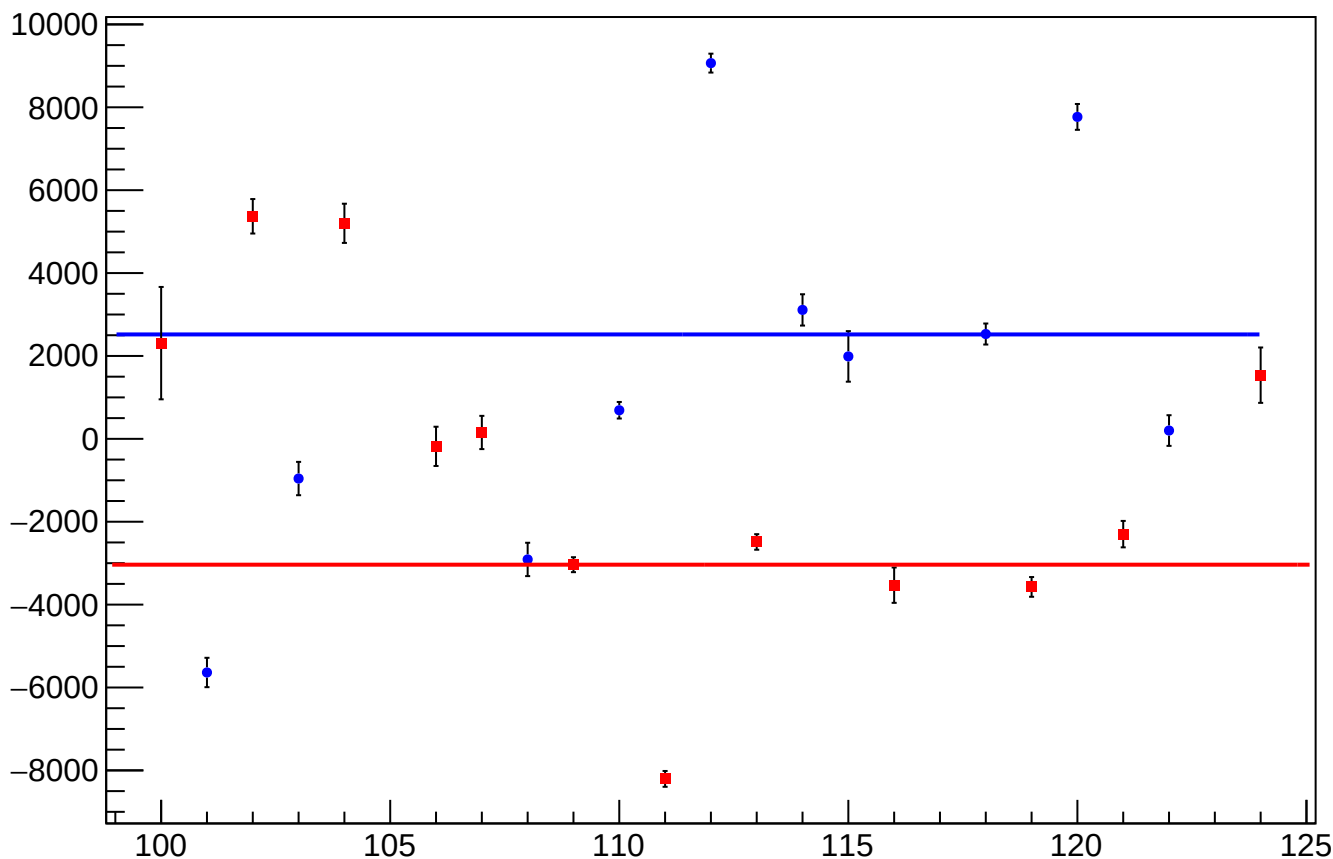
Right: 164.991 $\pm$ 0.042 χ^2 /NDF: 1400170.4/21

In: 168.202 $\pm$ 0.062 χ^2 /NDF:535265.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.991 $\pm$ 0.042 χ^2 /NDF: 1400170.4/21

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2519.373+/-96.460 χ^2/NDF : 2021.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3036.459+/-83.555 χ^2/NDF : 1626.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

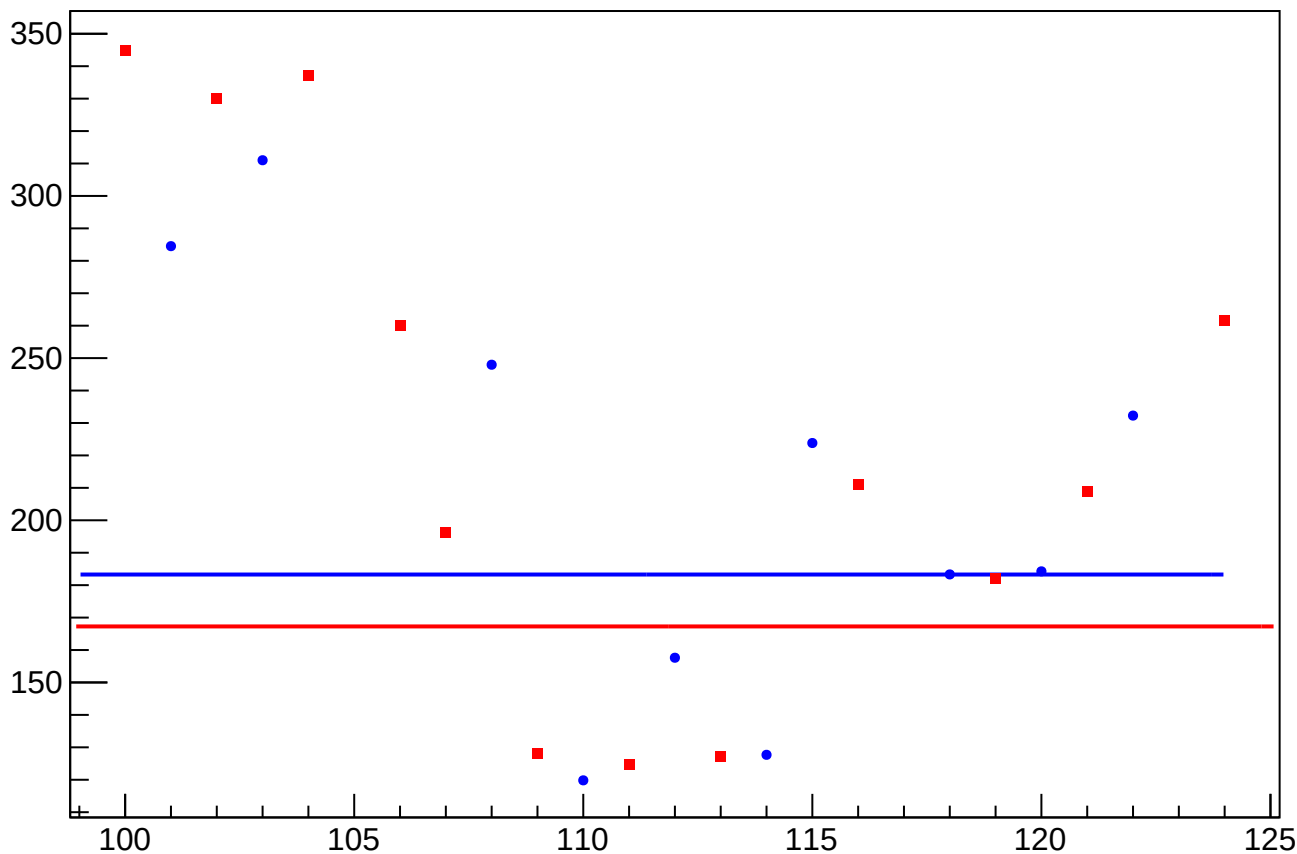
Right: -654.805+/-63.156 χ^2/NDF : 5543.5/21

In: 2519.373+/-96.460 χ^2/NDF : 2021.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -654.805+/-63.156 χ^2/NDF : 5543.5/21

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 183.277+/-0.068 χ^2/NDF : 731157.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.273+/-0.059 χ^2/NDF : 1073613.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

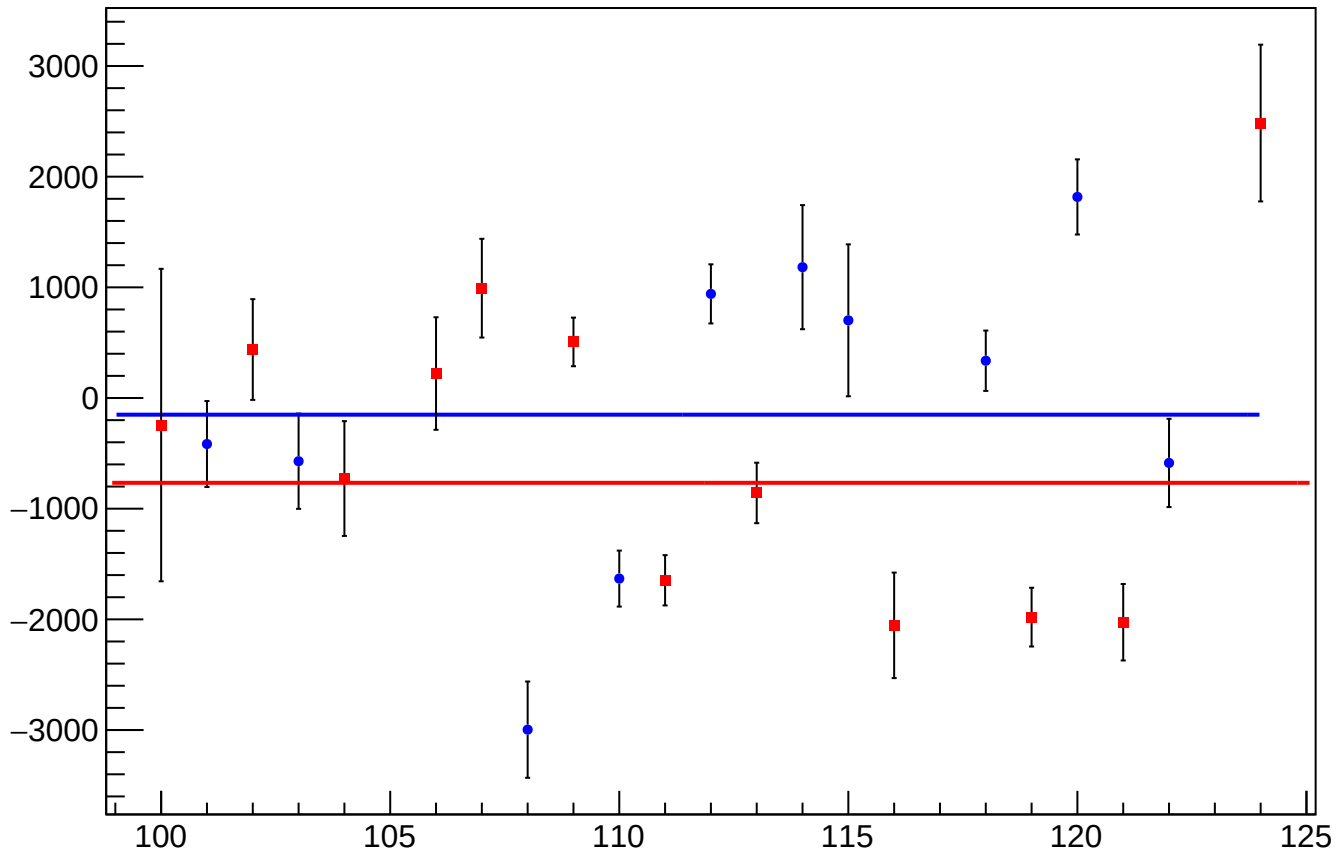
Right: 174.133+/-0.045 χ^2/NDF : 1836222.1/21

In: 183.277+/-0.068 χ^2/NDF : 731157.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.133+/-0.045 χ^2/NDF : 1836222.1/21

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -150.576+/-111.329 χ^2 /NDF: 140.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -766.192+/-99.794 χ^2 /NDF: 137.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

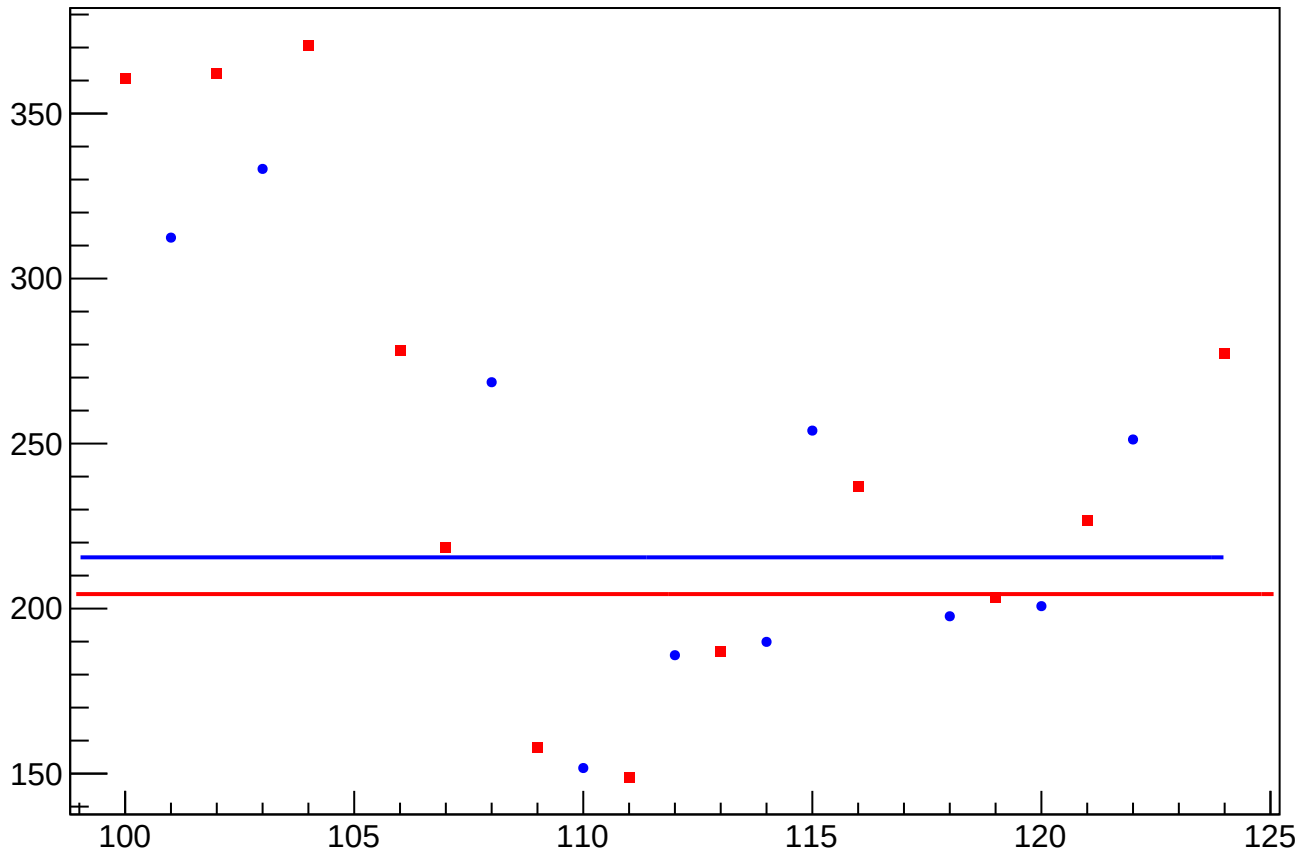
Right: -491.918+/-74.310 χ^2 /NDF: 295.1/21

In: -150.576+/-111.329 χ^2 /NDF:140.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -491.918+/-74.310 χ^2 /NDF: 295.1/21

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 215.529+/-0.079 χ^2/NDF : 494606.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.396+/-0.071 χ^2/NDF : 769299.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

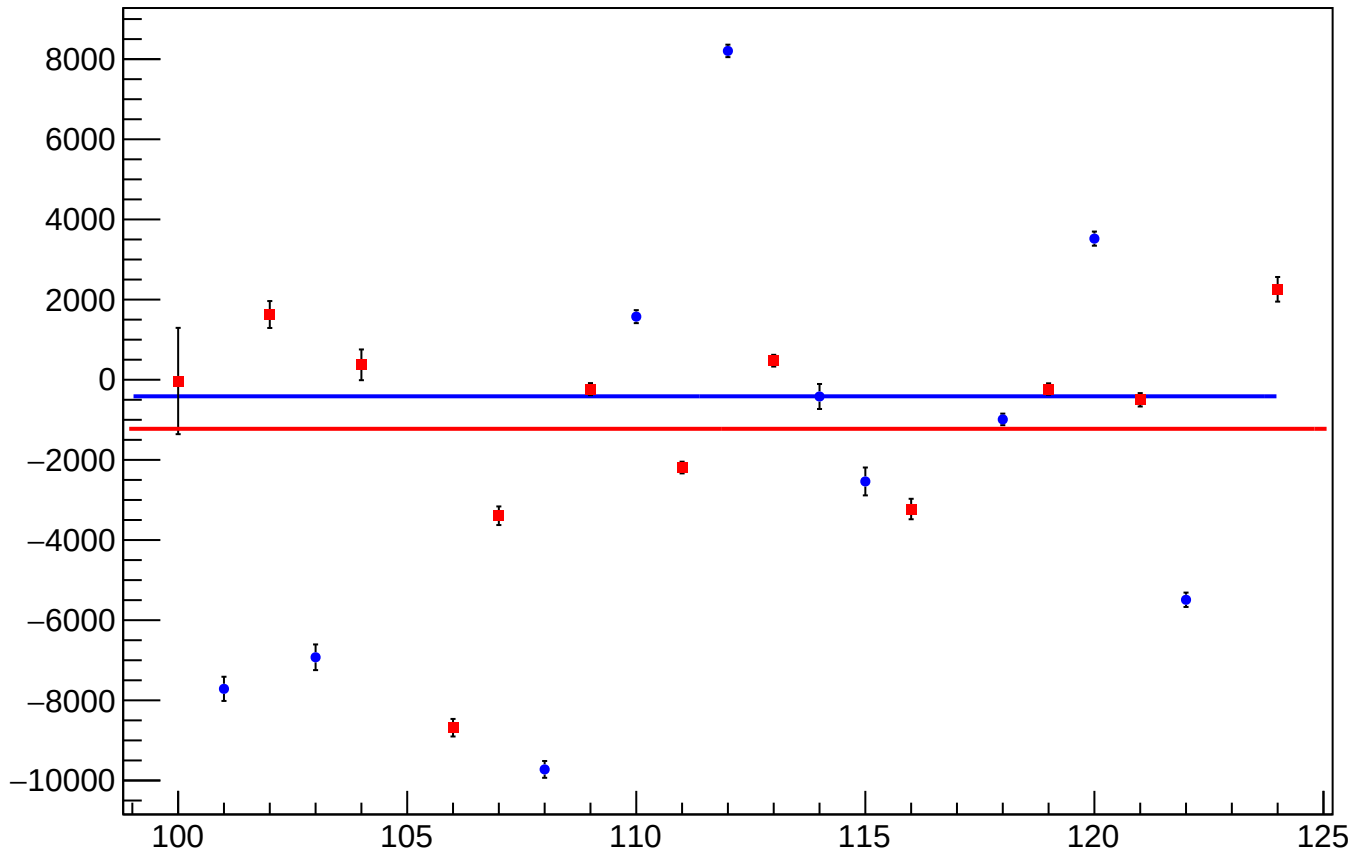
Right: 209.356+/-0.053 χ^2/NDF : 1274996.6/21

In: 215.529+/-0.079 χ^2/NDF : 494606.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.356+/-0.053 χ^2/NDF : 1274996.6/21

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -413.496+/-62.908 χ^2/NDF : 7544.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1224.498+/-57.266 χ^2/NDF : 1818.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

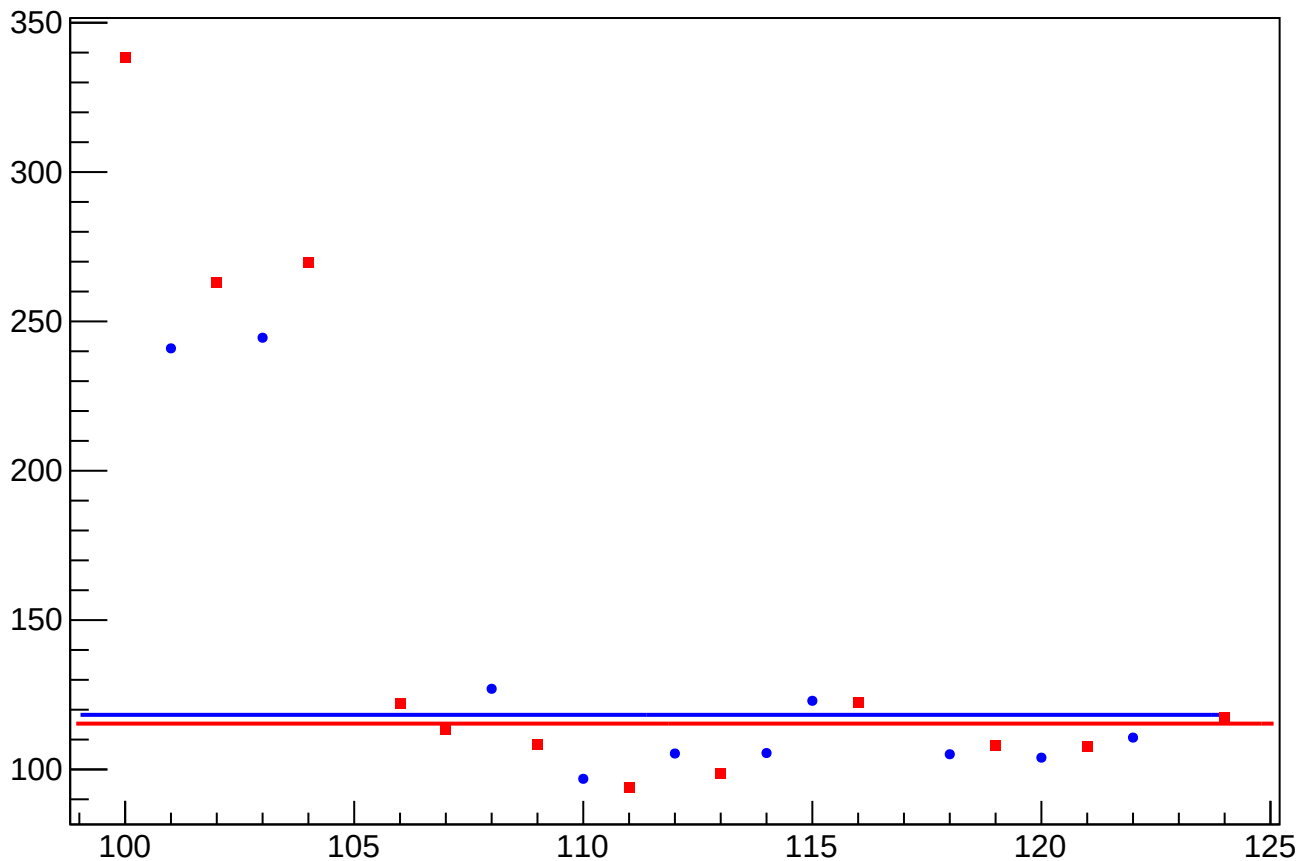
Right: -856.990+/-42.348 χ^2/NDF : 9453.2/21

In: -413.496+/-62.908 χ^2/NDF :7544.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -856.990+/-42.348 χ^2/NDF : 9453.2/21

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.281+/-0.044 χ^2/NDF : 730474.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.338+/-0.040 χ^2/NDF : 855039.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

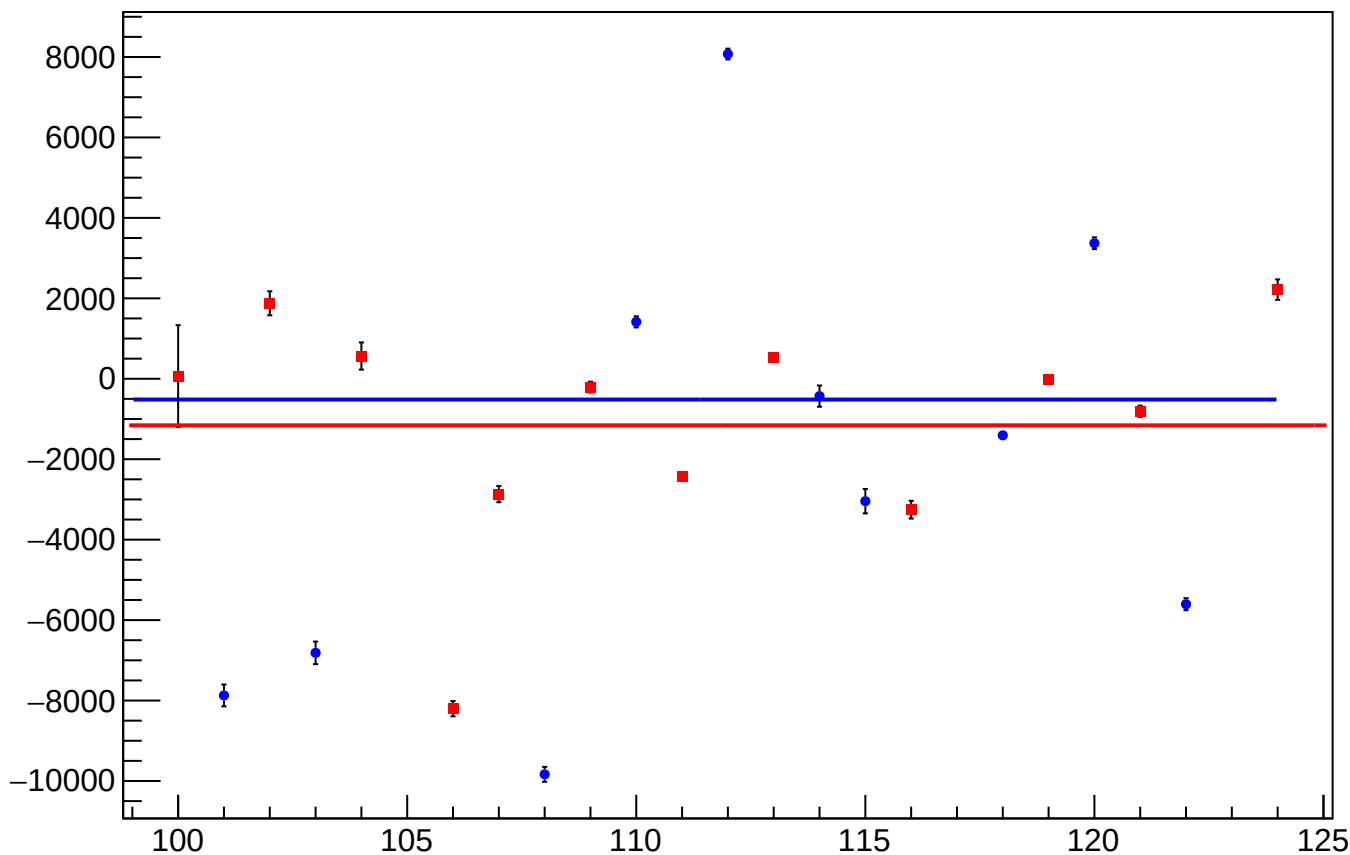
Right: 116.672+/-0.030 χ^2/NDF : 1587906.7/21

In: 118.281+/-0.044 χ^2/NDF : 730474.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.672+/-0.030 χ^2/NDF : 1587906.7/21

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -516.596+/-53.526 χ^2/NDF : 10073.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1157.981+/-48.825 χ^2/NDF : 2275.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

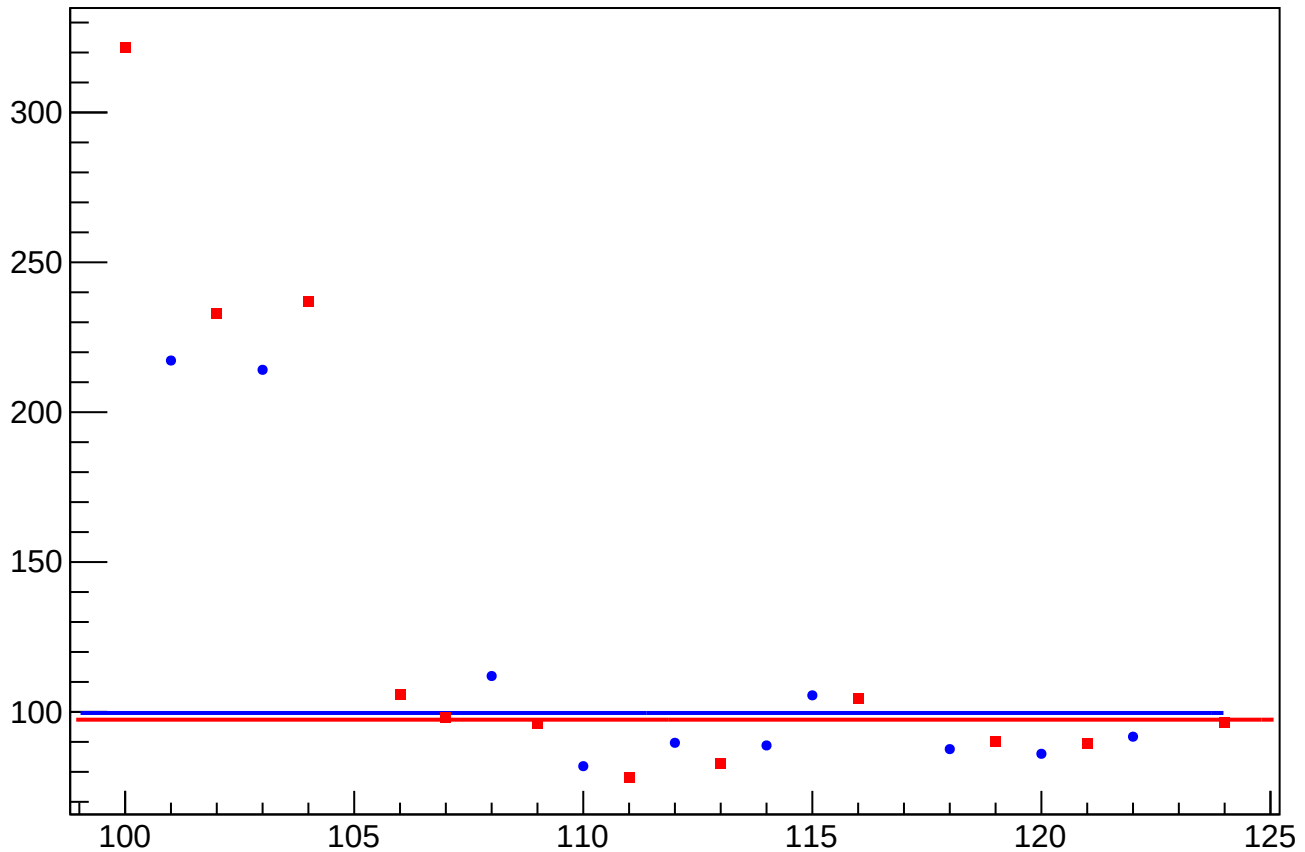
Right: -866.687+/-36.072 χ^2/NDF : 12427.4/21

In: -516.596+/-53.526 χ^2/NDF :10073.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -866.687+/-36.072 χ^2/NDF : 12427.4/21

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 99.648+/-0.038 χ^2/NDF : 805841.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 97.409+/-0.035 χ^2/NDF : 915466.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

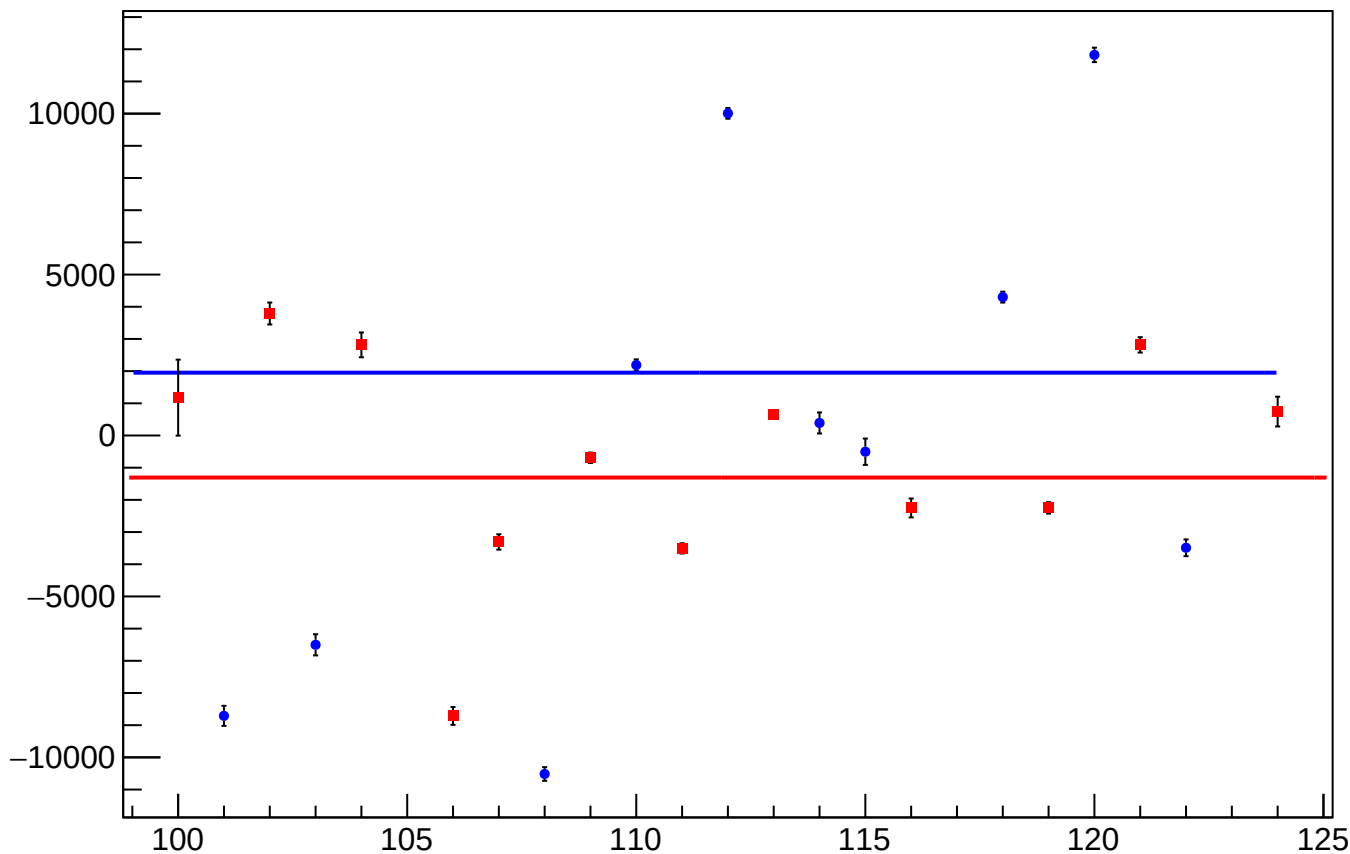
Right: 98.426+/-0.026 χ^2/NDF : 1723218.1/21

ln: 99.648+/-0.038 χ^2/NDF :805841.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.426+/-0.026 χ^2/NDF : 1723218.1/21

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1951.935+/-71.578 χ^2/NDF : 10255.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1306.875+/-65.784 χ^2/NDF : 1842.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

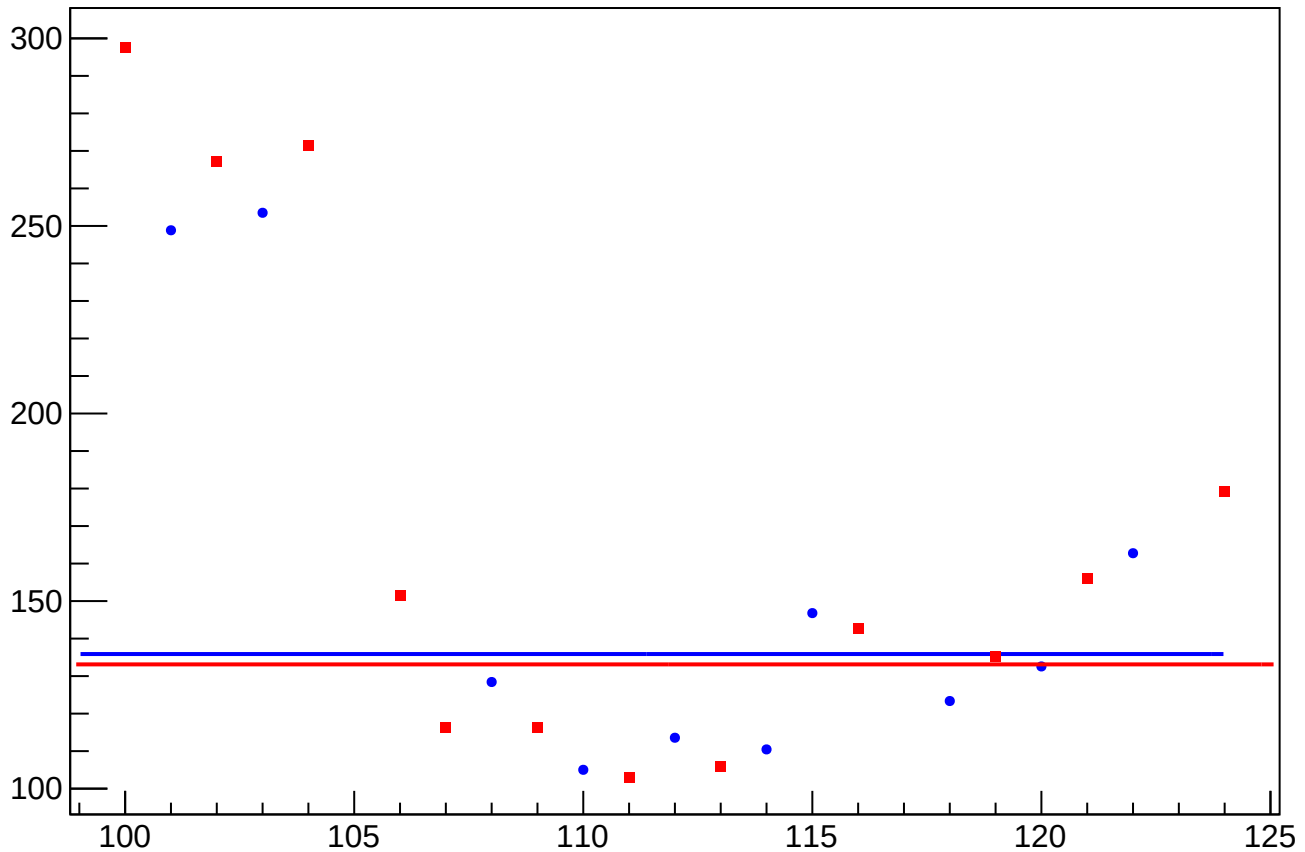
Right: 185.317+/-48.435 χ^2/NDF : 13221.6/21

In: 1951.935+/-71.578 χ^2/NDF : 10255.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.317+/-48.435 χ^2/NDF : 13221.6/21

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 135.882 ± 0.051 χ^2/NDF : 664965.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 133.123 ± 0.047 χ^2/NDF : 817681.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

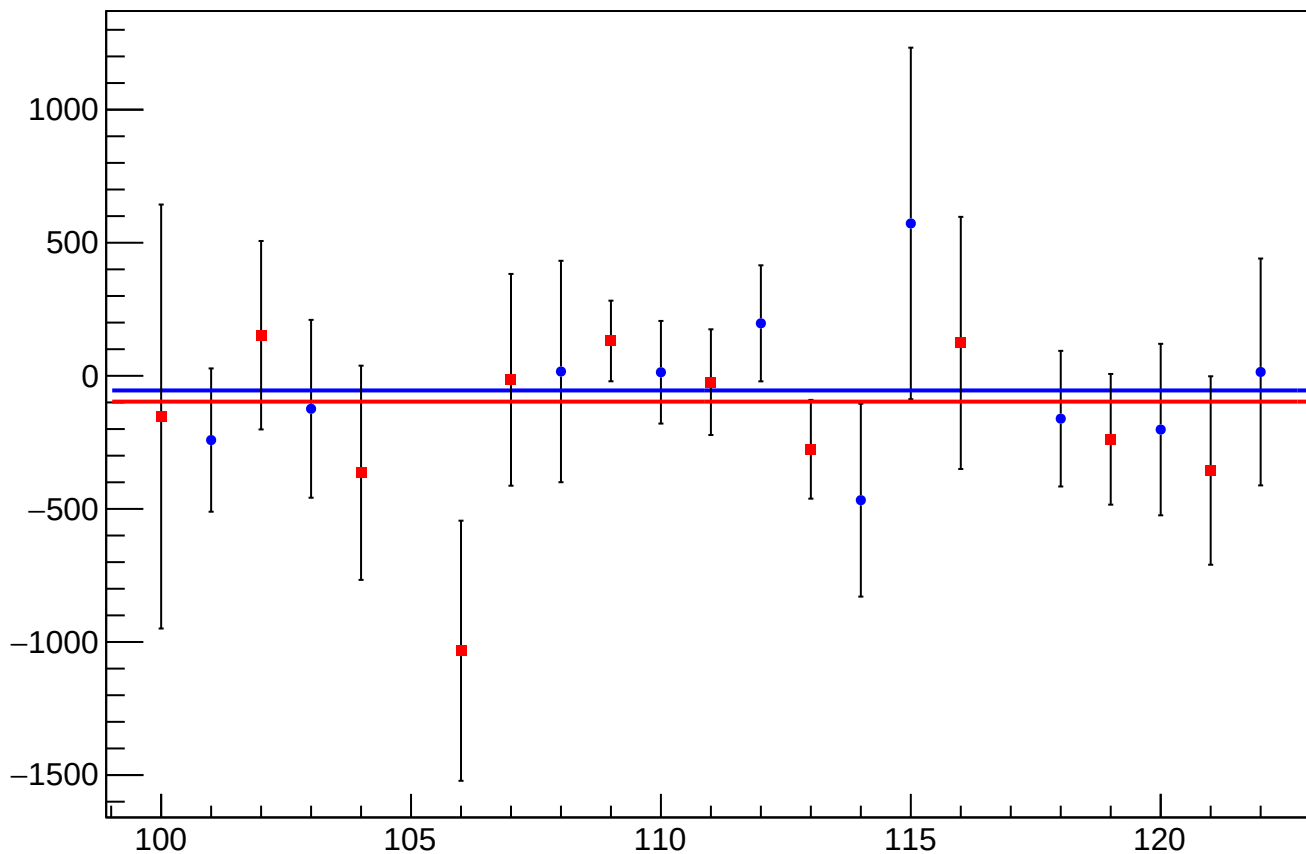
Right: 134.386 ± 0.034 χ^2/NDF : 1484257.4/21

In: 135.882 ± 0.051 χ^2/NDF : 664965.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 134.386 ± 0.034 χ^2/NDF : 1484257.4/21

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -54.947+/-92.478 χ^2/NDF : 4.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -96.912+/-80.769 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

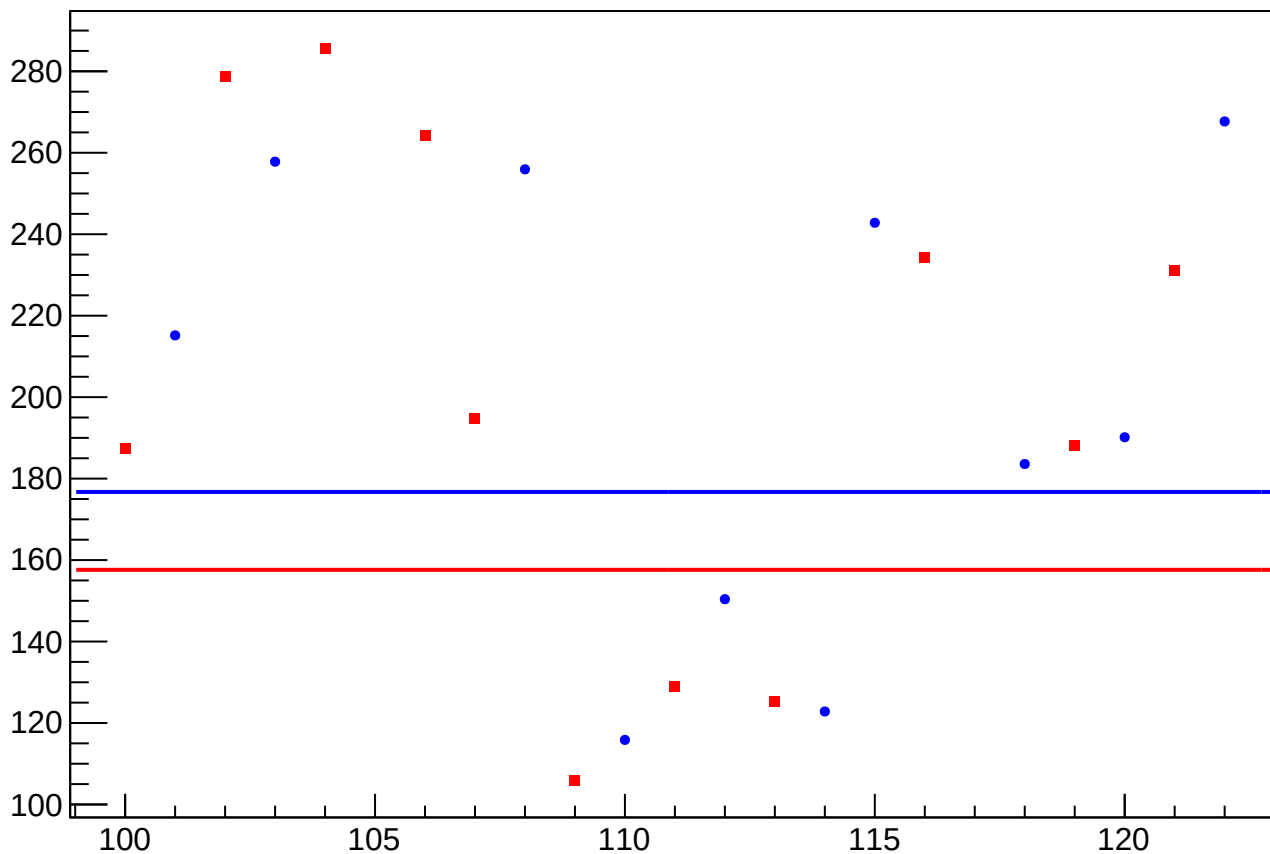
Right: -78.752+/-60.833 χ^2/NDF : 13.8/20

In: -54.947+/-92.478 χ^2/NDF :4.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -78.752+/-60.833 χ^2/NDF : 13.8/20

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 176.729+/-0.065 χ^2/NDF : 619903.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.608+/-0.057 χ^2/NDF : 1056344.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

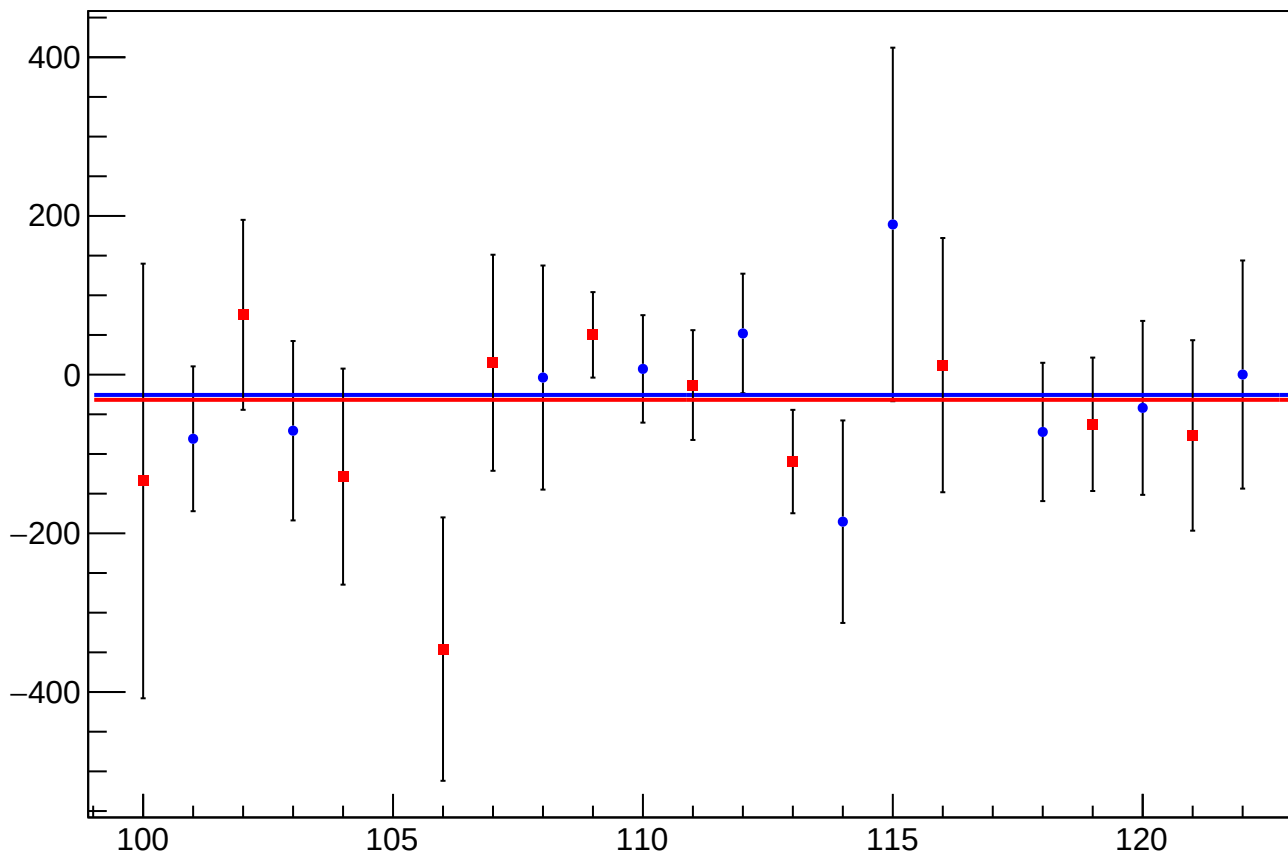
Right: 165.882+/-0.043 χ^2/NDF : 1724752.0/20

In: 176.729+/-0.065 χ^2/NDF : 619903.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.882+/-0.043 χ^2/NDF : 1724752.0/20

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -25.571 ± 31.821 χ^2/NDF : 4.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.749 ± 28.104 χ^2/NDF : 9.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

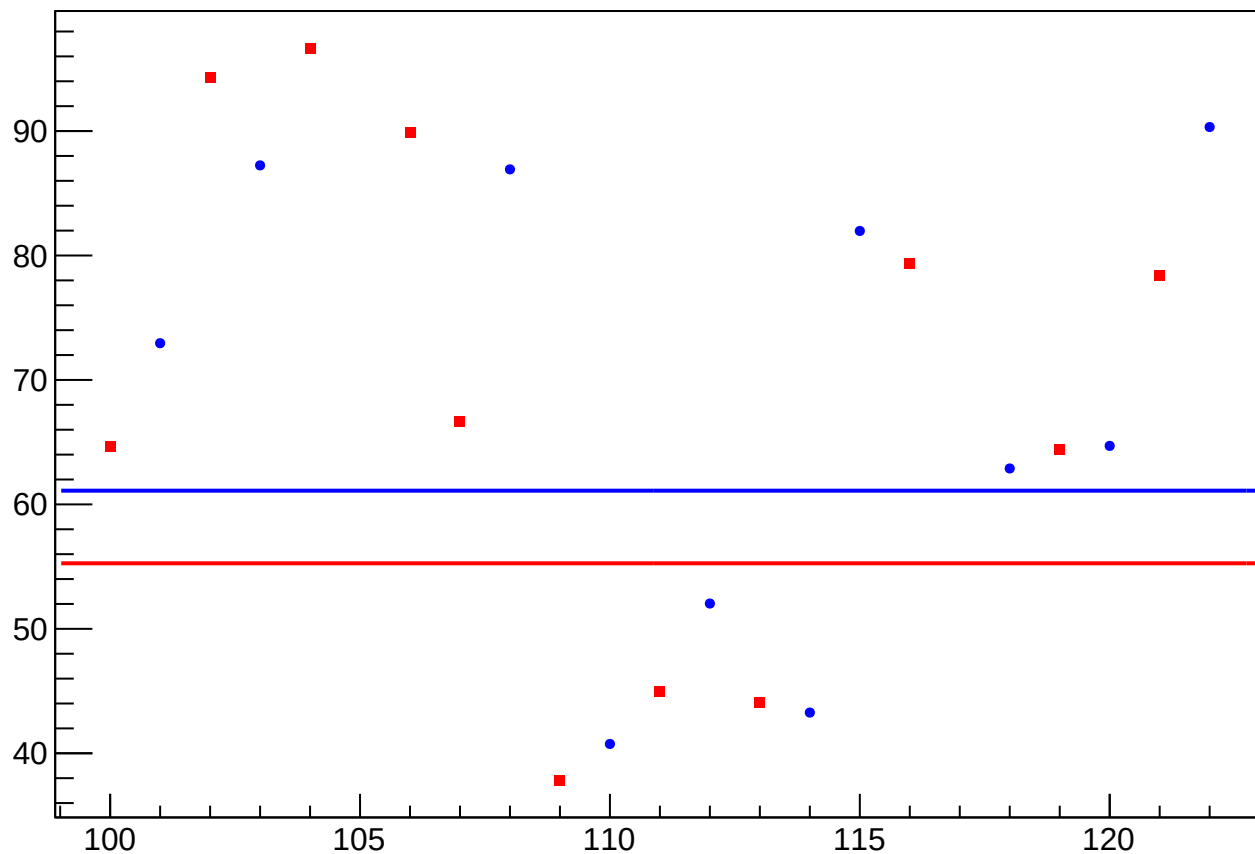
Right: -29.042 ± 21.065 χ^2/NDF : 14.0/20

In: -25.571 ± 31.821 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.042 ± 21.065 χ^2/NDF : 14.0/20

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 61.103+/-0.023 χ^2/NDF : 559389.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.267+/-0.020 χ^2/NDF : 955857.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

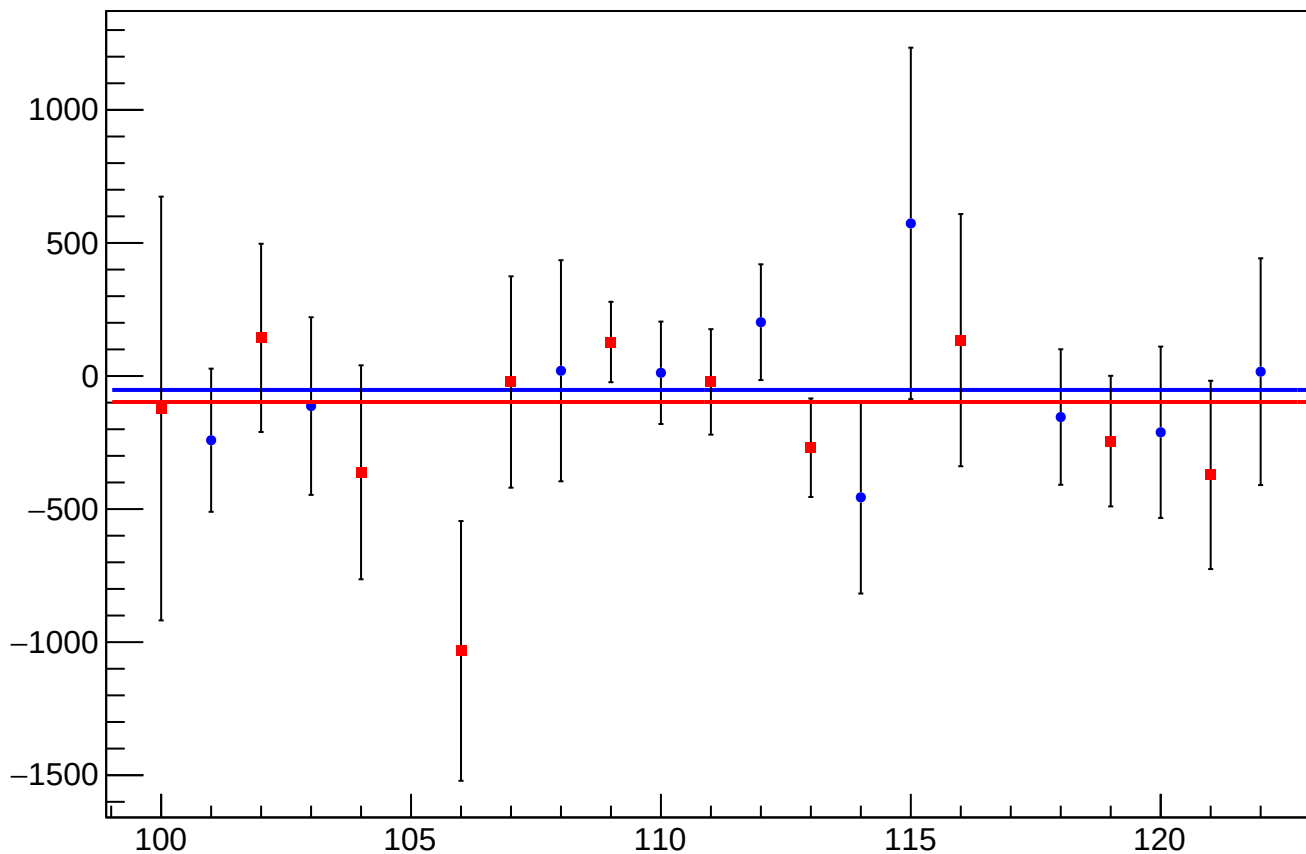
Right: 57.824+/-0.015 χ^2/NDF : 1553041.3/20

In: 61.103+/-0.023 χ^2/NDF : 559389.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.824+/-0.015 χ^2/NDF : 1553041.3/20

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -52.304+/-92.350 χ^2/NDF : 4.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -97.660+/-80.632 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

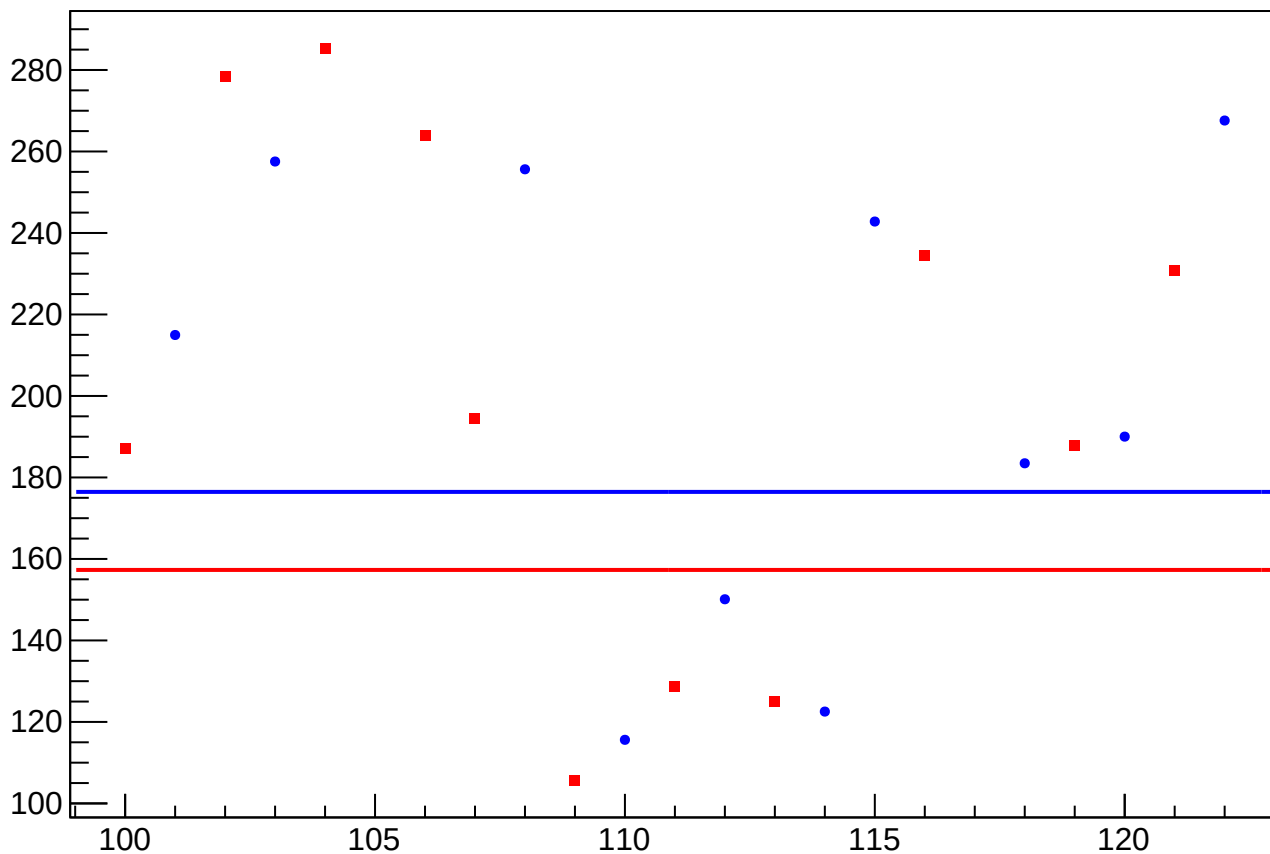
Right: -78.041+/-60.739 χ^2/NDF : 13.8/20

In: -52.304+/-92.350 χ^2/NDF :4.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -78.041+/-60.739 χ^2/NDF : 13.8/20

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 176.455+/-0.065 χ^2/NDF : 622273.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.303+/-0.057 χ^2/NDF : 1059694.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

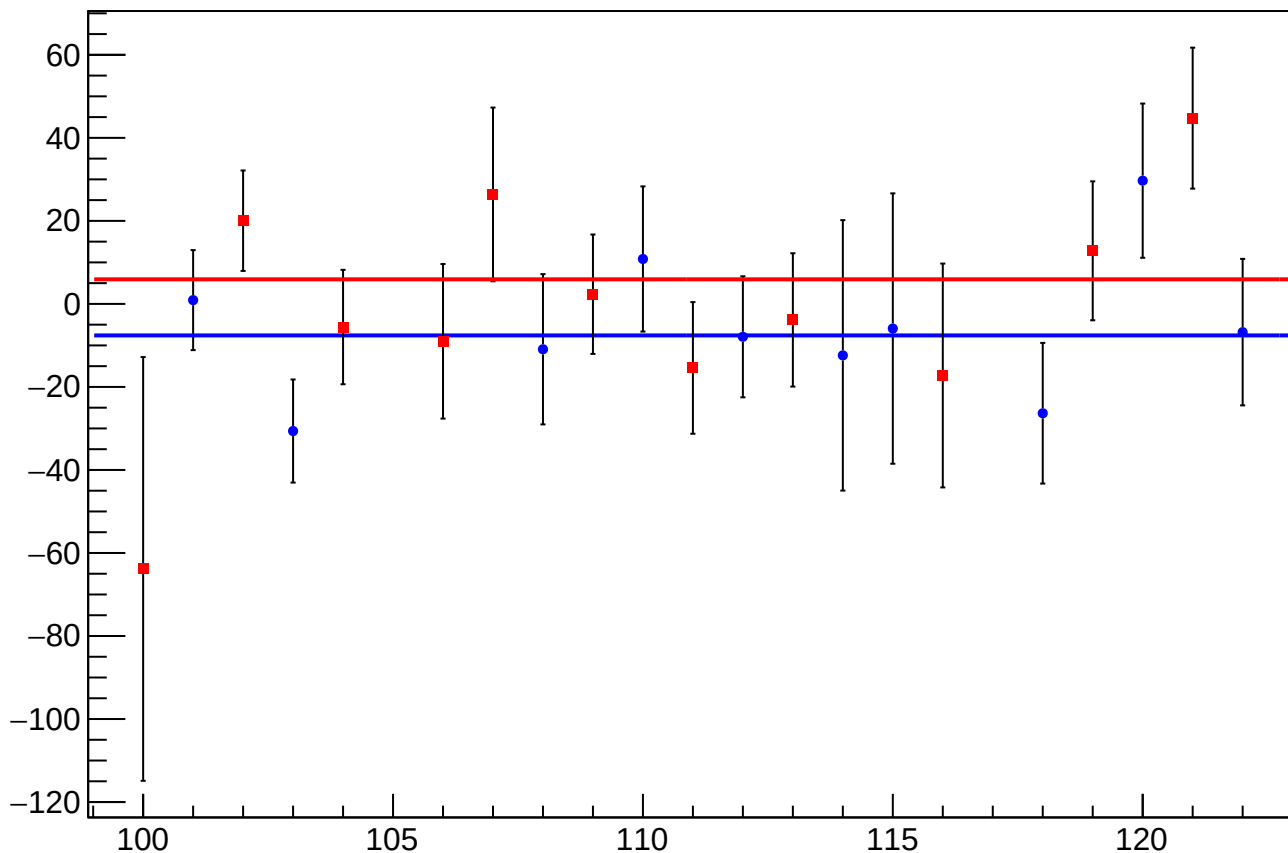
Right: 165.587+/-0.043 χ^2/NDF : 1730775.6/20

In: 176.455+/-0.065 χ^2/NDF : 622273.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.587+/-0.043 χ^2/NDF : 1730775.6/20

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.593+/-5.279 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.923+/-5.080 χ^2/NDF : 13.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

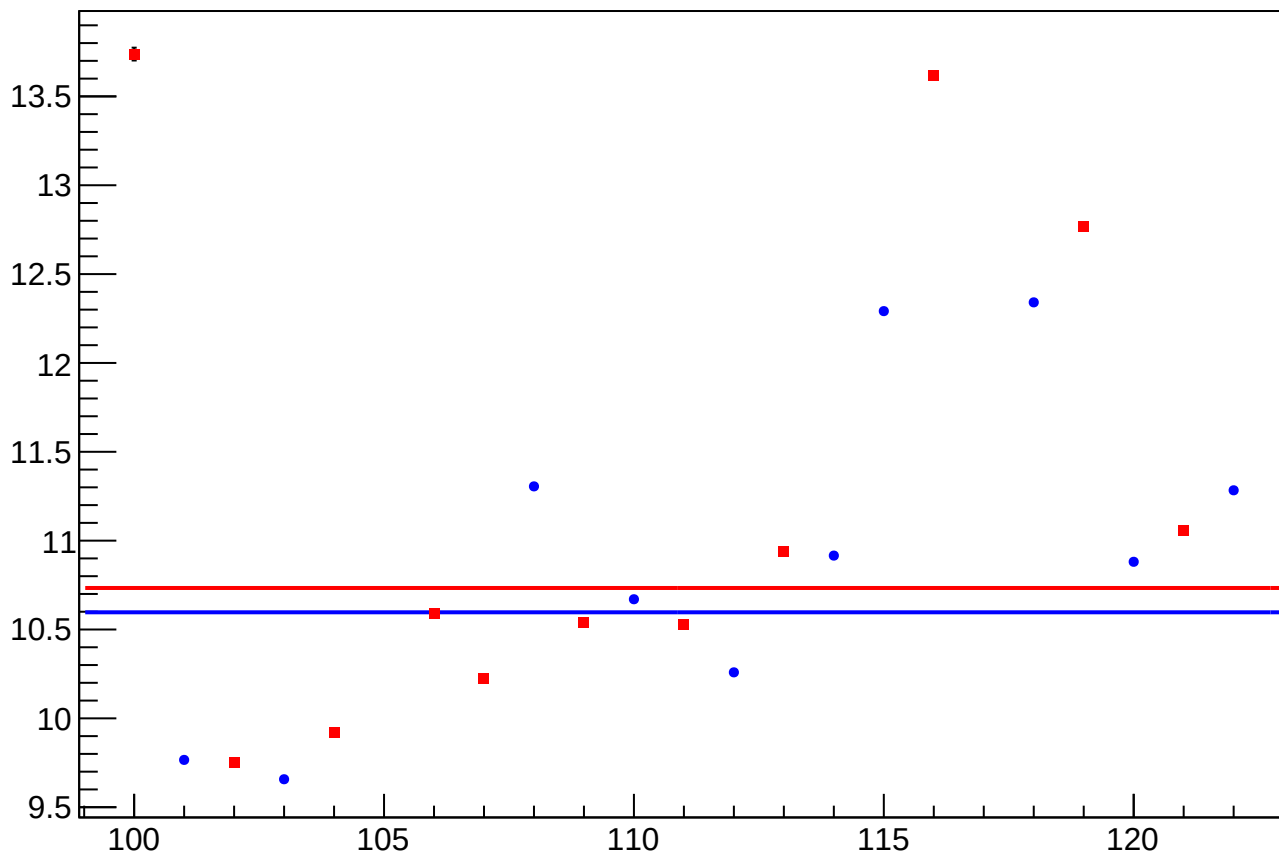
Right: -0.575+/-3.660 χ^2/NDF : 27.7/20

In: -7.593+/-5.279 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.575+/-3.660 χ^2/NDF : 27.7/20

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.597+/-0.004 χ^2/NDF : 55423.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.734+/-0.004 χ^2/NDF : 82575.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

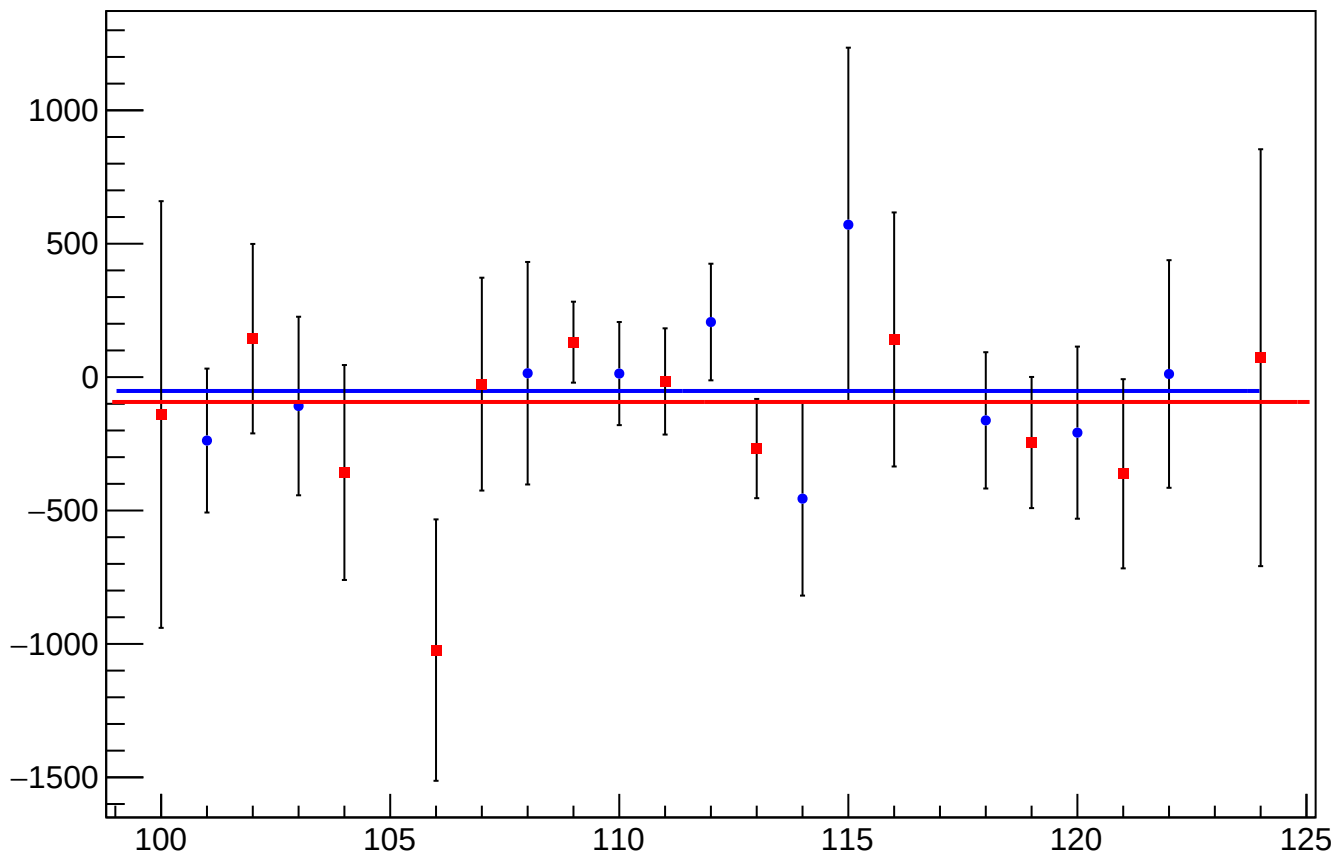
Right: 10.668+/-0.003 χ^2/NDF : 138697.3/20

In: 10.597+/-0.004 χ^2/NDF : 55423.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.668+/-0.003 χ^2/NDF : 138697.3/20

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -51.944 ± 92.677 χ^2/NDF : 4.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -93.156 ± 80.516 χ^2/NDF : 9.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

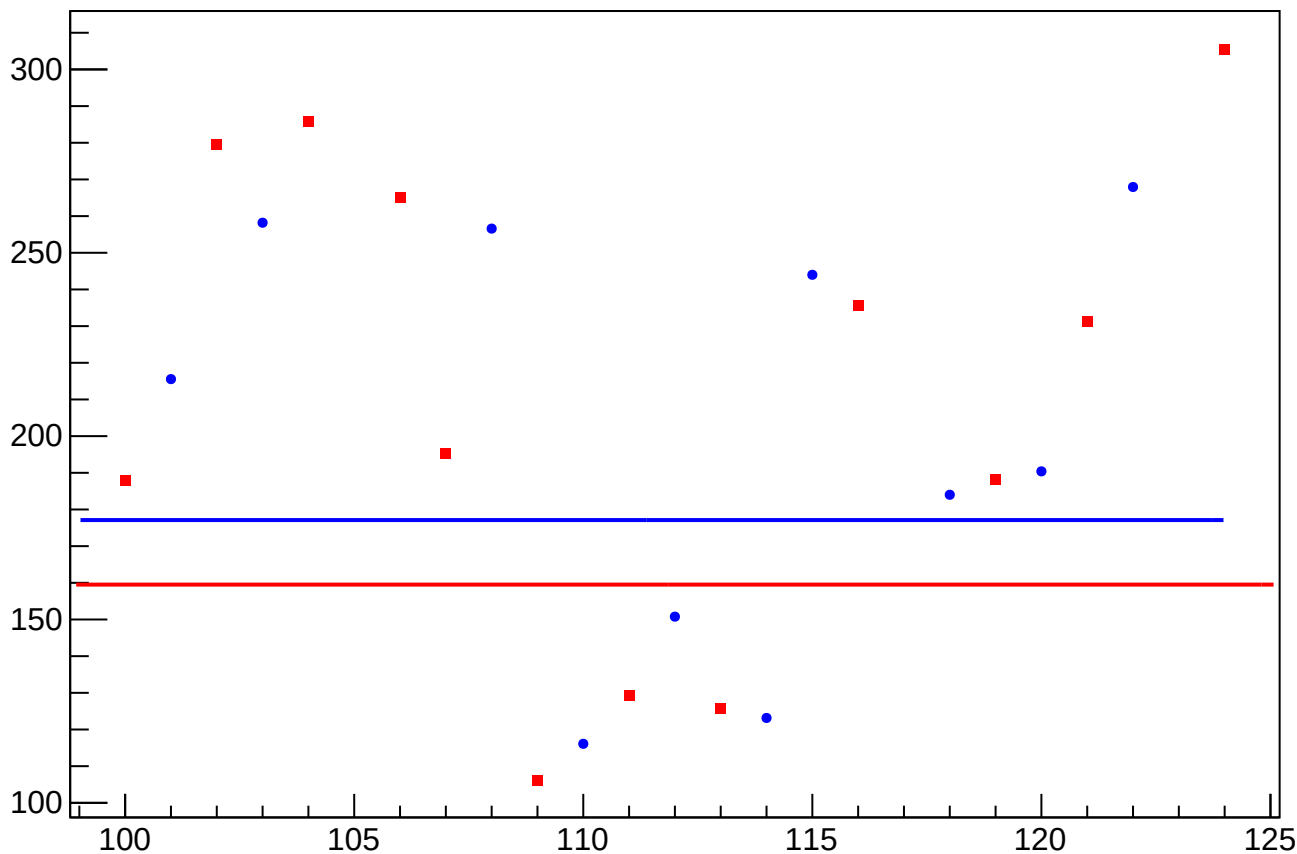
Right: -75.430 ± 60.781 χ^2/NDF : 13.7/21

In: -51.944 ± 92.677 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.430 ± 60.781 χ^2/NDF : 13.7/21

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 177.113+/-0.066 χ^2/NDF : 619079.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.516+/-0.057 χ^2/NDF : 1126883.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

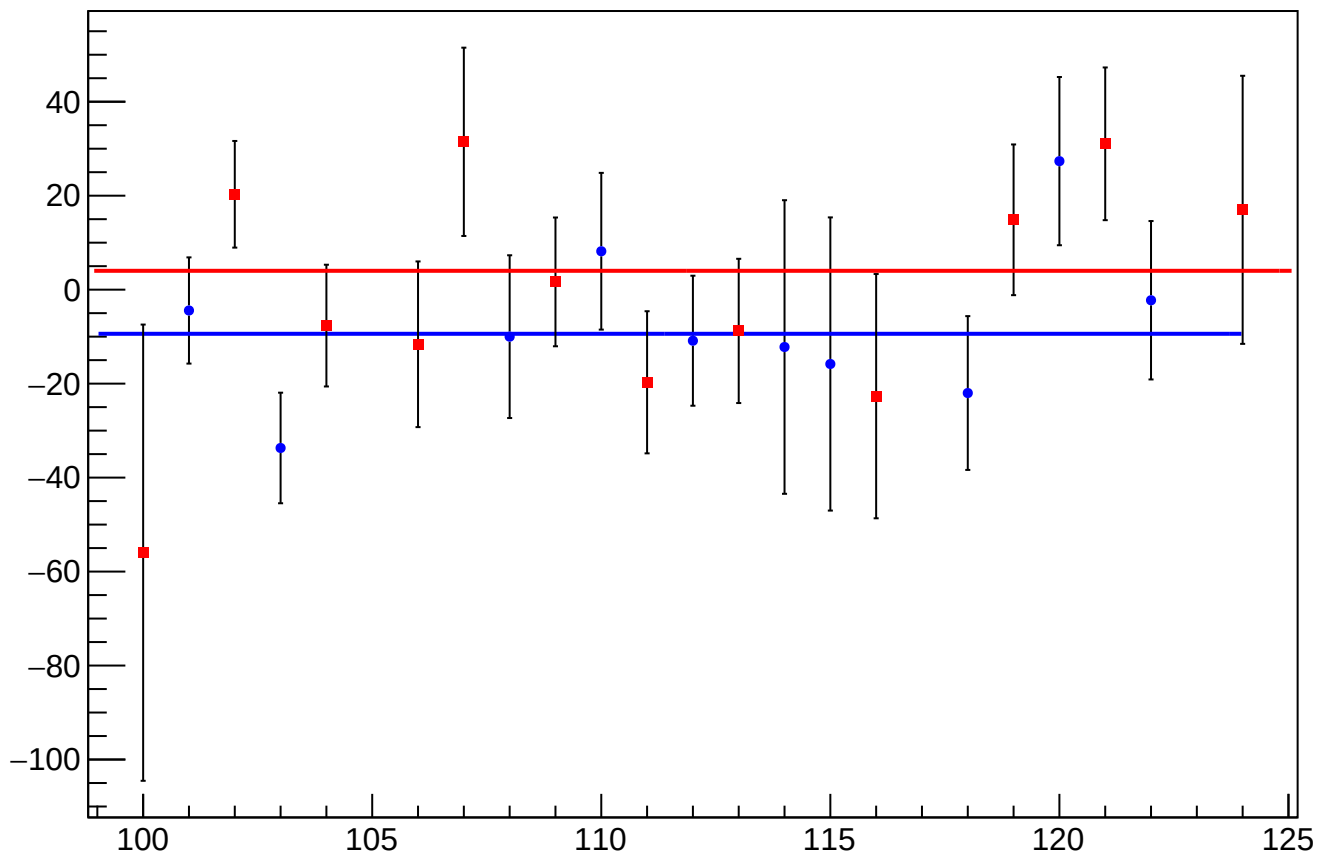
Right: 167.085+/-0.043 χ^2/NDF : 1787052.9/21

In: 177.113+/-0.066 χ^2/NDF : 619079.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.085+/-0.043 χ^2/NDF : 1787052.9/21

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -9.392+/-5.024 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.012+/-4.758 χ^2/NDF : 14.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

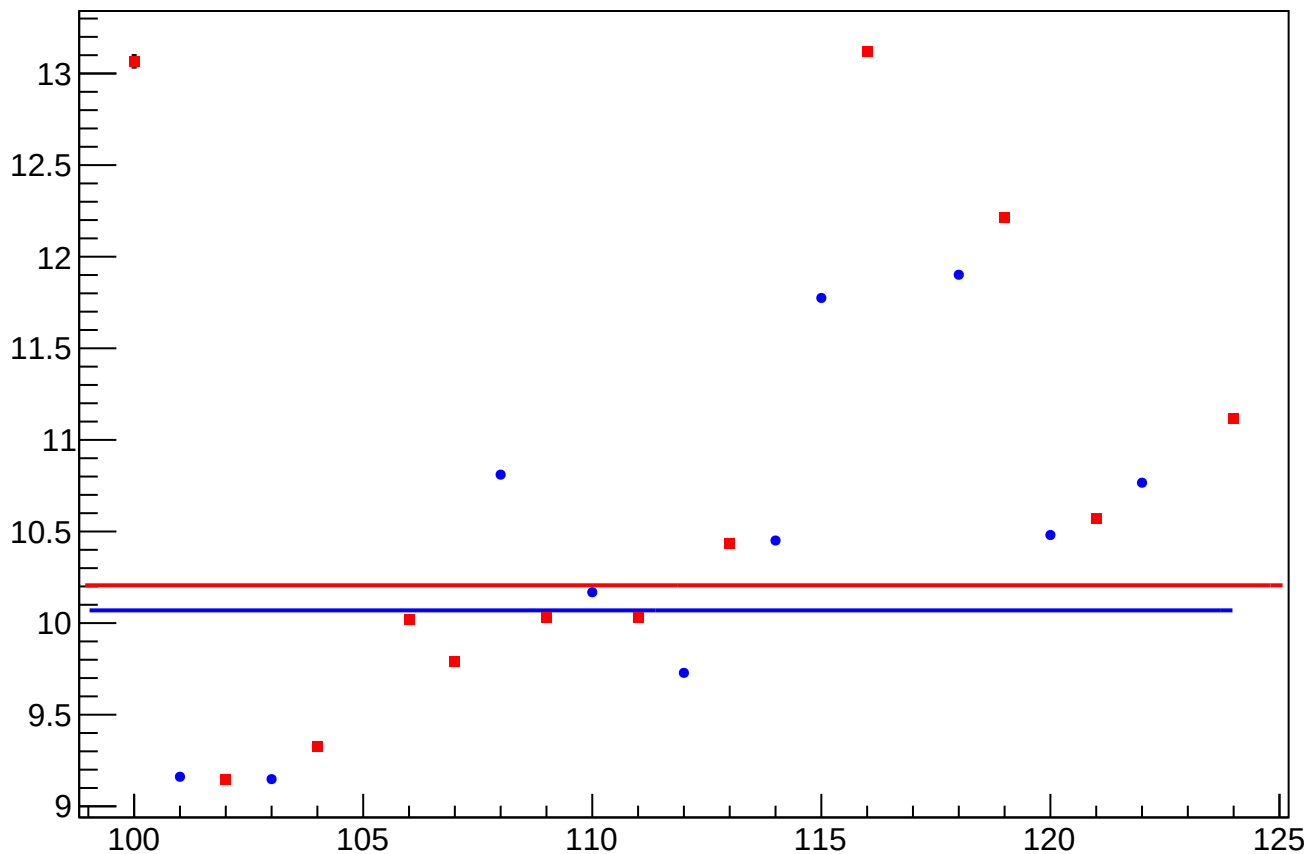
Right: -2.326+/-3.454 χ^2/NDF : 29.1/21

In: -9.392+/-5.024 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.326+/-3.454 χ^2/NDF : 29.1/21

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 10.069+/-0.004 χ^2/NDF : 65923.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.206+/-0.003 χ^2/NDF : 95284.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

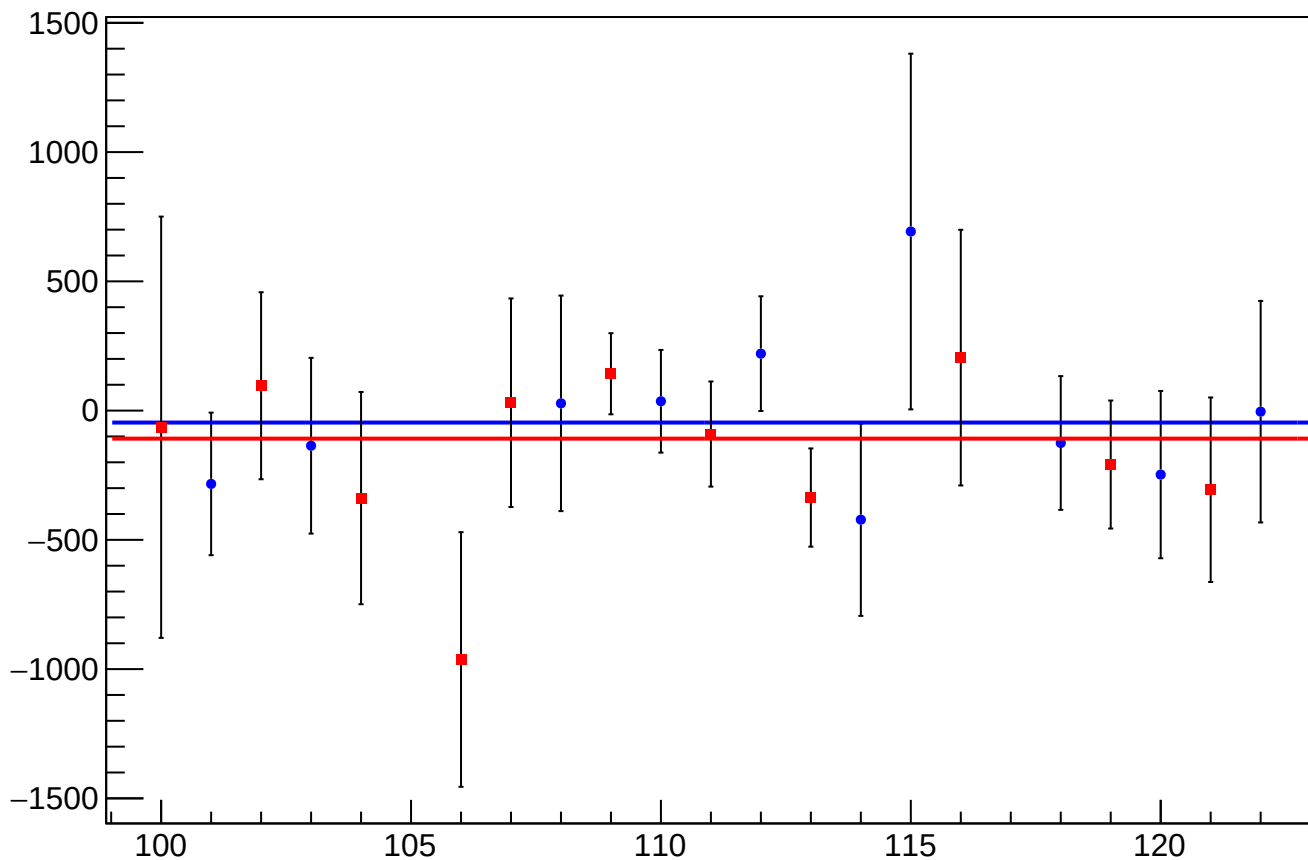
Right: 10.142+/-0.002 χ^2/NDF : 161991.6/21

In: 10.069+/-0.004 χ^2/NDF : 65923.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.142+/-0.002 χ^2/NDF : 161991.6/21

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -46.238 ± 94.276 χ^2/NDF : 5.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -108.381 ± 82.726 χ^2/NDF : 8.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

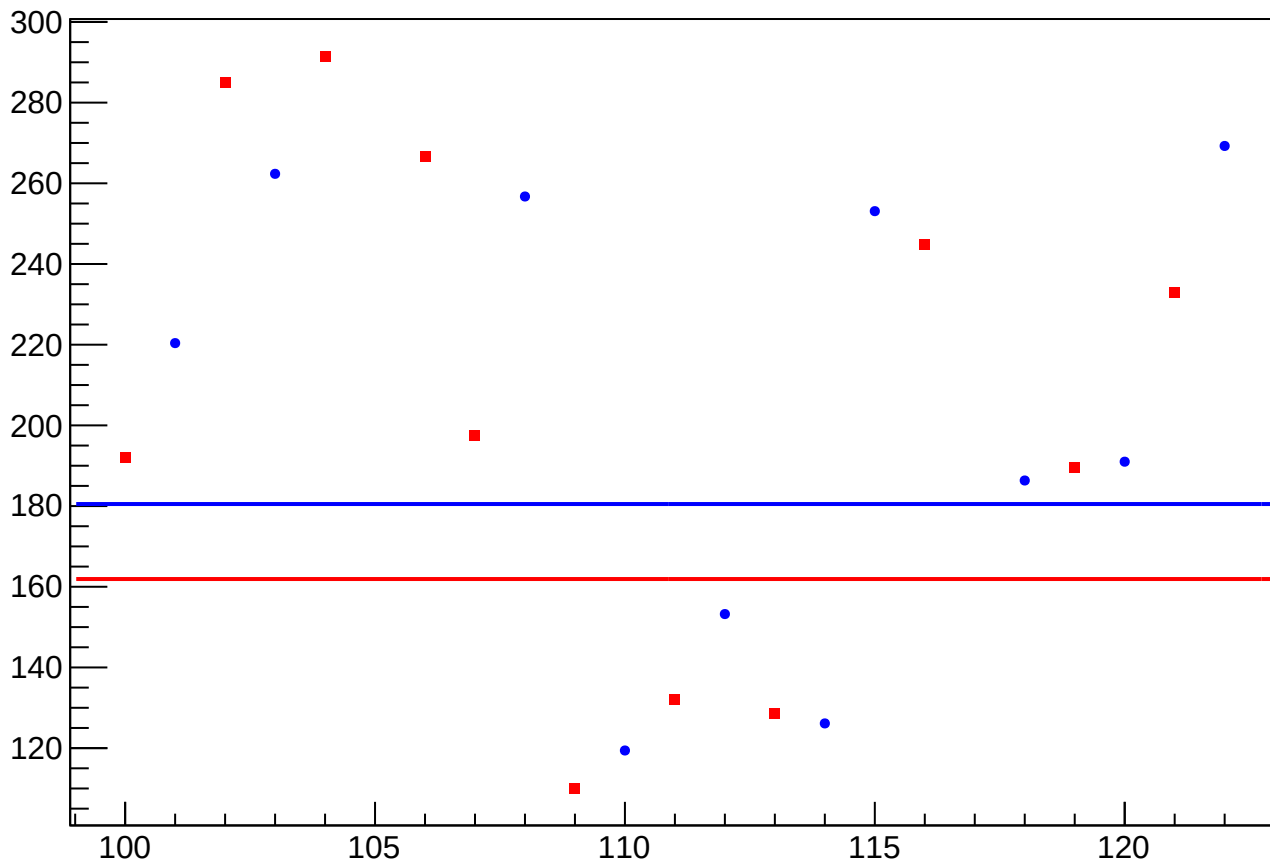
Right: -81.347 ± 62.181 χ^2/NDF : 14.0/20

In: -46.238 ± 94.276 χ^2/NDF : 5.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -81.347 ± 62.181 χ^2/NDF : 14.0/20

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 180.505+/-0.067 χ^2/NDF : 598055.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 161.917+/-0.058 χ^2/NDF : 1022627.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

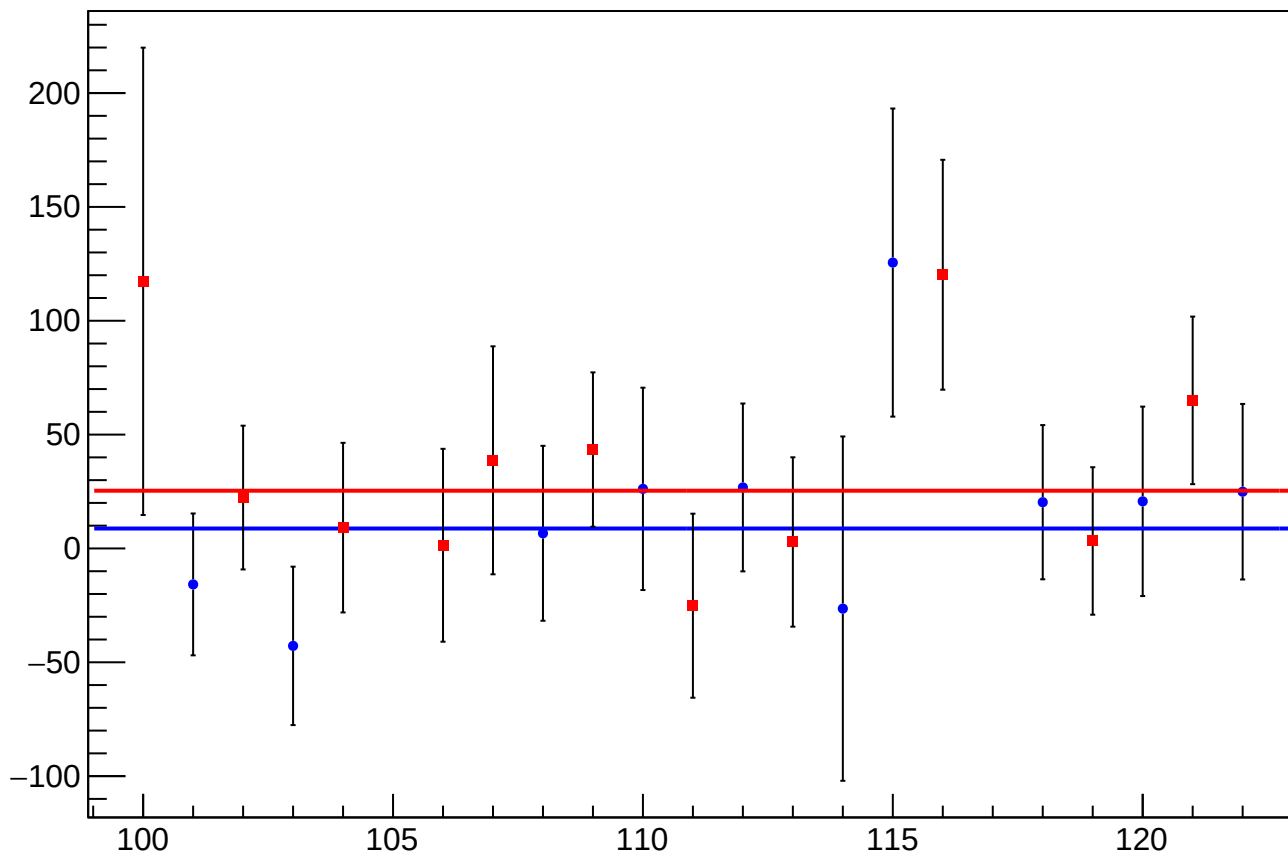
Right: 170.003+/-0.044 χ^2/NDF : 1664610.5/20

In: 180.505+/-0.067 χ^2/NDF :598055.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 170.003+/-0.044 χ^2/NDF : 1664610.5/20

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 8.753+/-12.606 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.357+/-11.897 χ^2/NDF : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

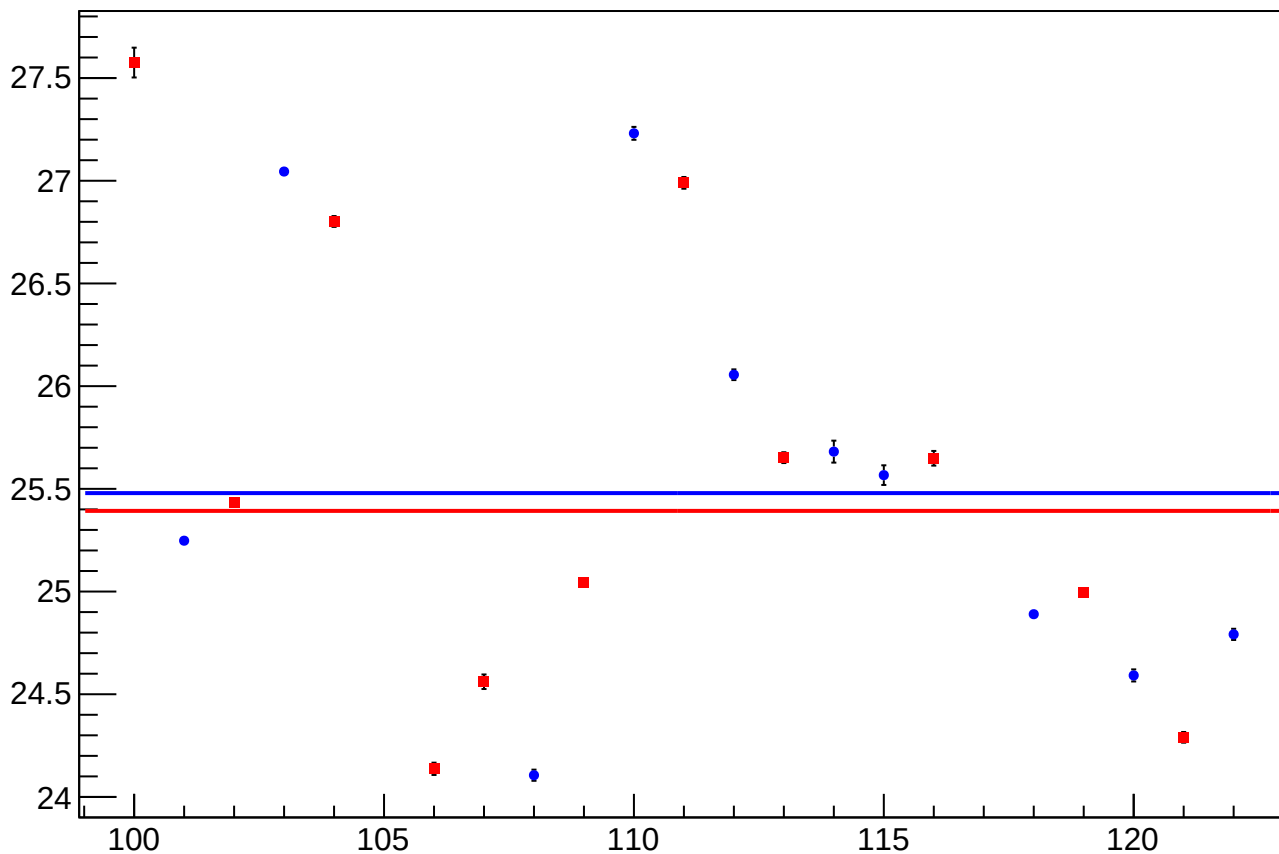
Right: 17.535+/-8.652 χ^2/NDF : 16.5/20

In: 8.753+/-12.606 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.535+/-8.652 χ^2/NDF : 16.5/20

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.479+/-0.009 χ^2/NDF : 12485.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.393+/-0.008 χ^2/NDF : 11661.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

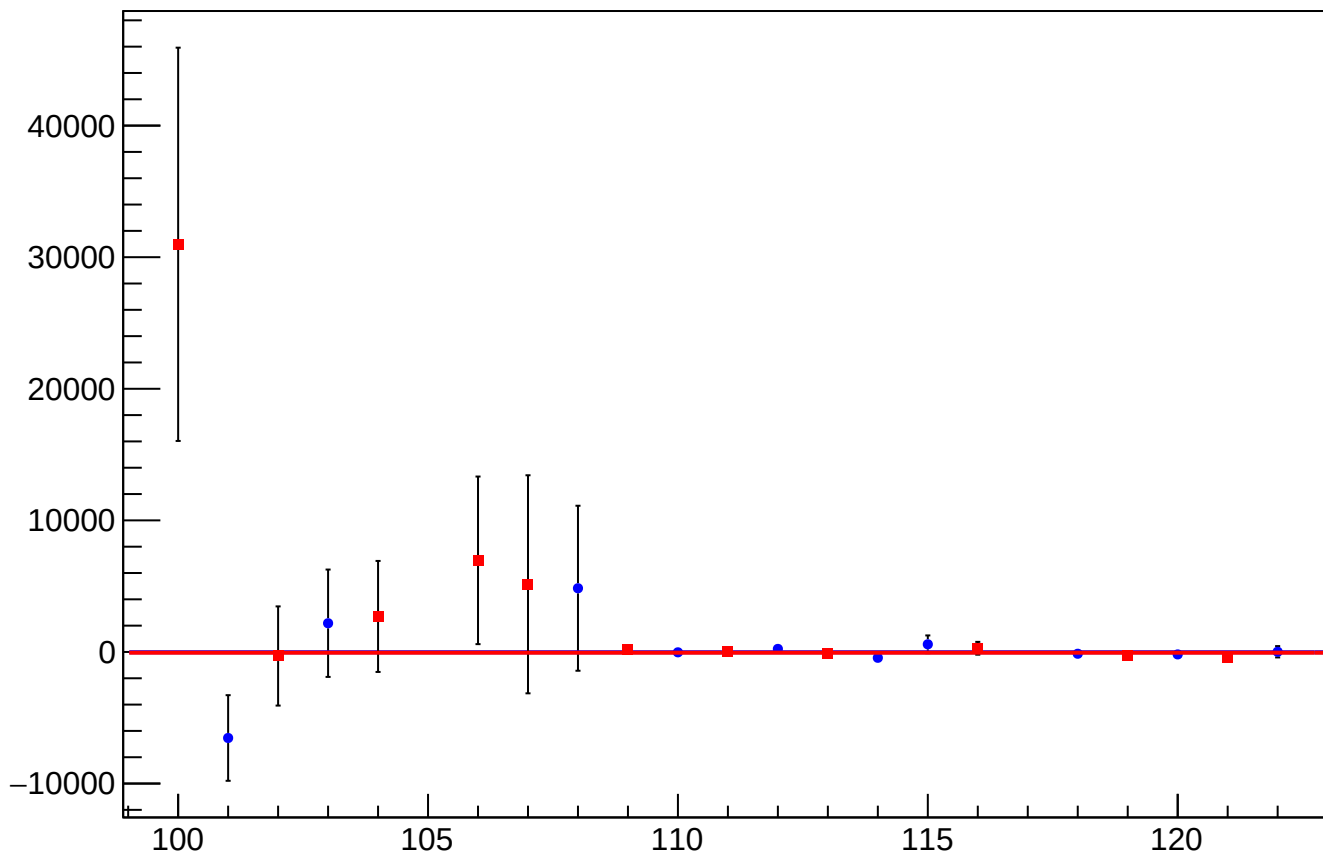
Right: 25.433+/-0.006 χ^2/NDF : 24196.2/20

In: 25.479+/-0.009 χ^2/NDF : 12485.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.433+/-0.006 χ^2/NDF : 24196.2/20

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -22.337 $\pm$ 107.167 χ^2 /NDF: 8.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -55.936 $\pm$ 97.614 χ^2 /NDF: 10.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

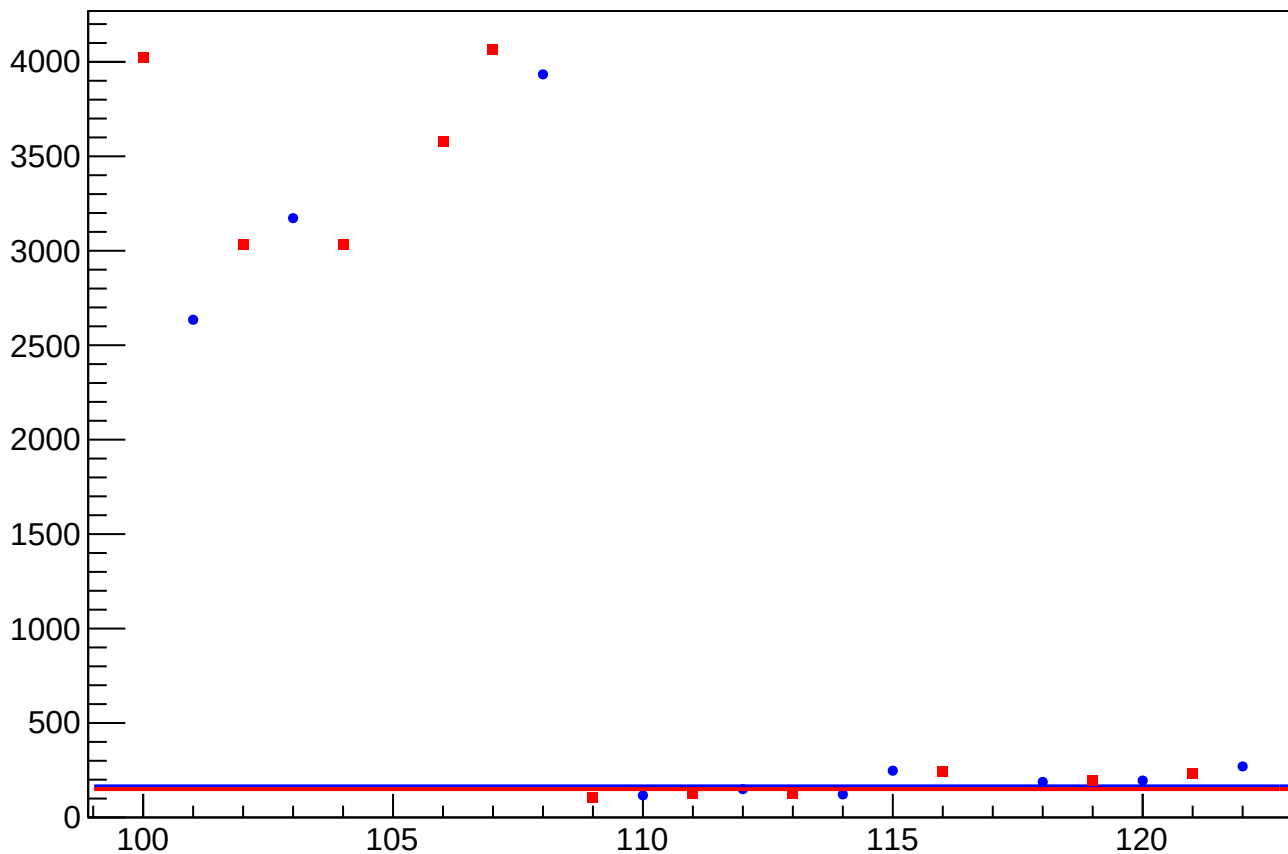
Right: -40.701 $\pm$ 72.165 χ^2 /NDF: 19.2/20

In: -22.337 $\pm$ 107.167 χ^2 /NDF:8.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.701 $\pm$ 72.165 χ^2 /NDF: 19.2/20

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 164.399+/-0.076 χ^2/NDF : 3305505.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.124+/-0.069 χ^2/NDF : 3654638.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

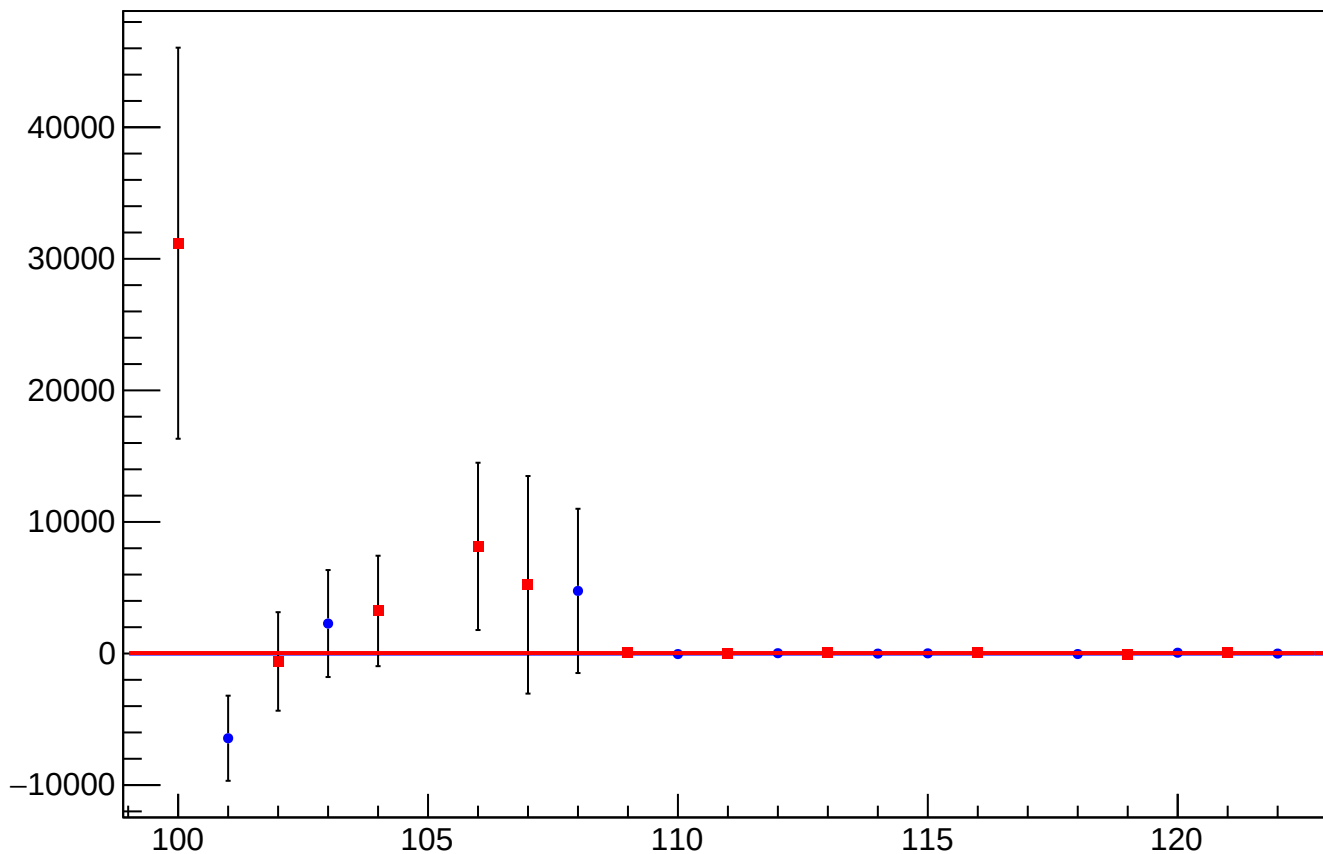
Right: 156.597+/-0.051 χ^2/NDF : 6979537.6/20

In: 164.399+/-0.076 χ^2/NDF : 3305505.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.597+/-0.051 χ^2/NDF : 6979537.6/20

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -2.547+/-17.754 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.532+/-17.645 χ^2/NDF : 15.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

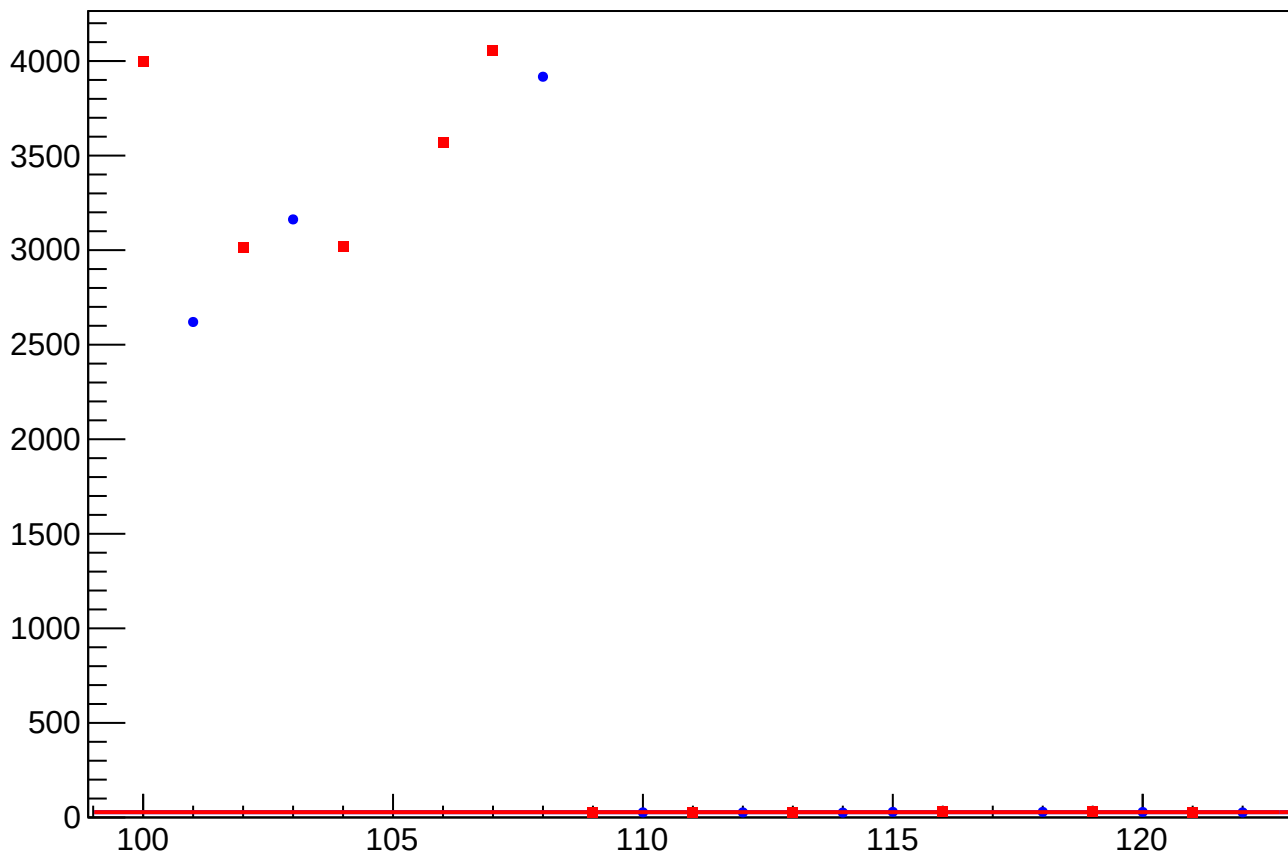
Right: 16.610+/-12.516 χ^2/NDF : 26.9/20

In: -2.547+/-17.754 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.610+/-12.516 χ^2/NDF : 26.9/20

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.840+/-0.013 χ^2/NDF : 3259032.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.910+/-0.012 χ^2/NDF : 3551171.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

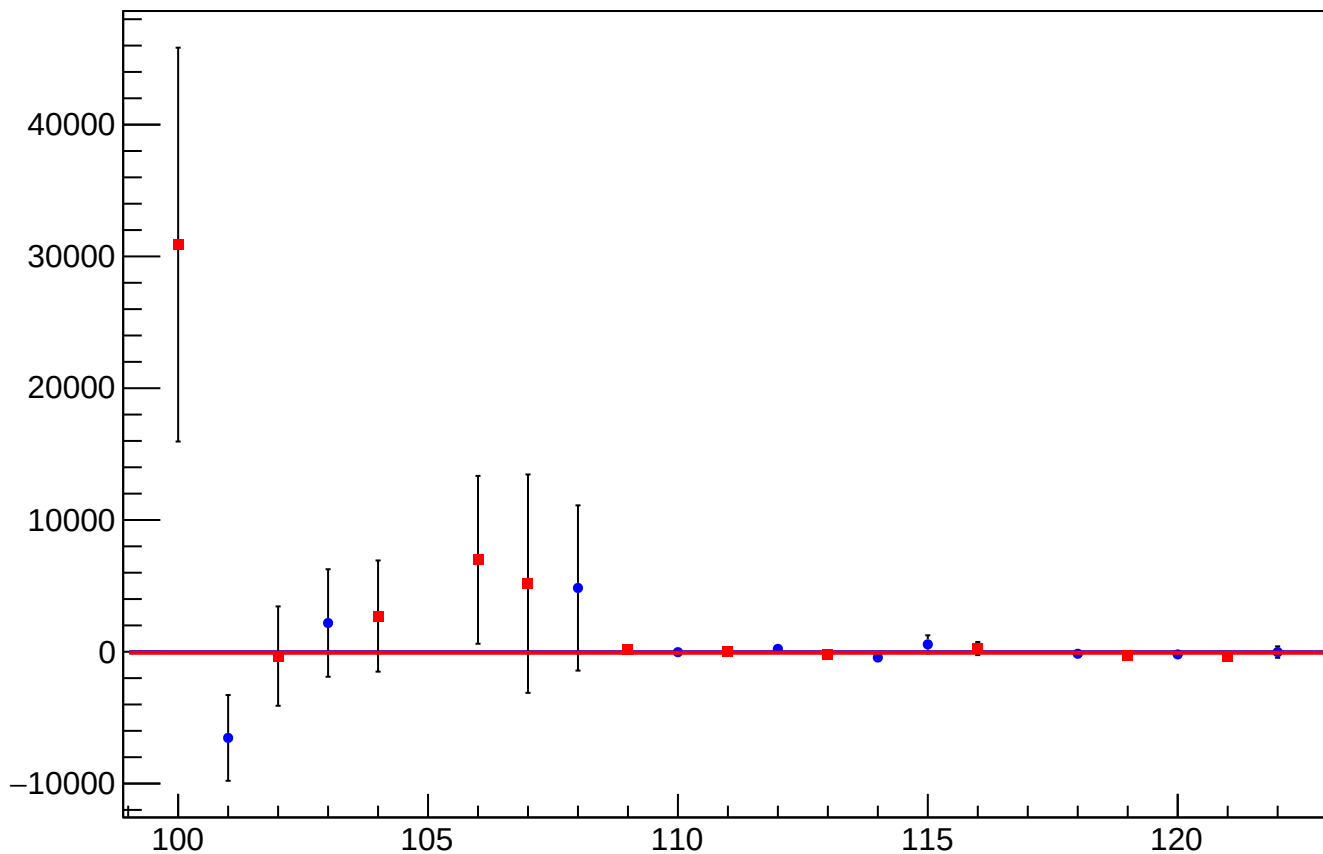
Right: 27.875+/-0.009 χ^2/NDF : 6810219.2/20

In: 27.840+/-0.013 χ^2/NDF : 3259032.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.875+/-0.009 χ^2/NDF : 6810219.2/20

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -31.178+/-108.089 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.235+/-98.534 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

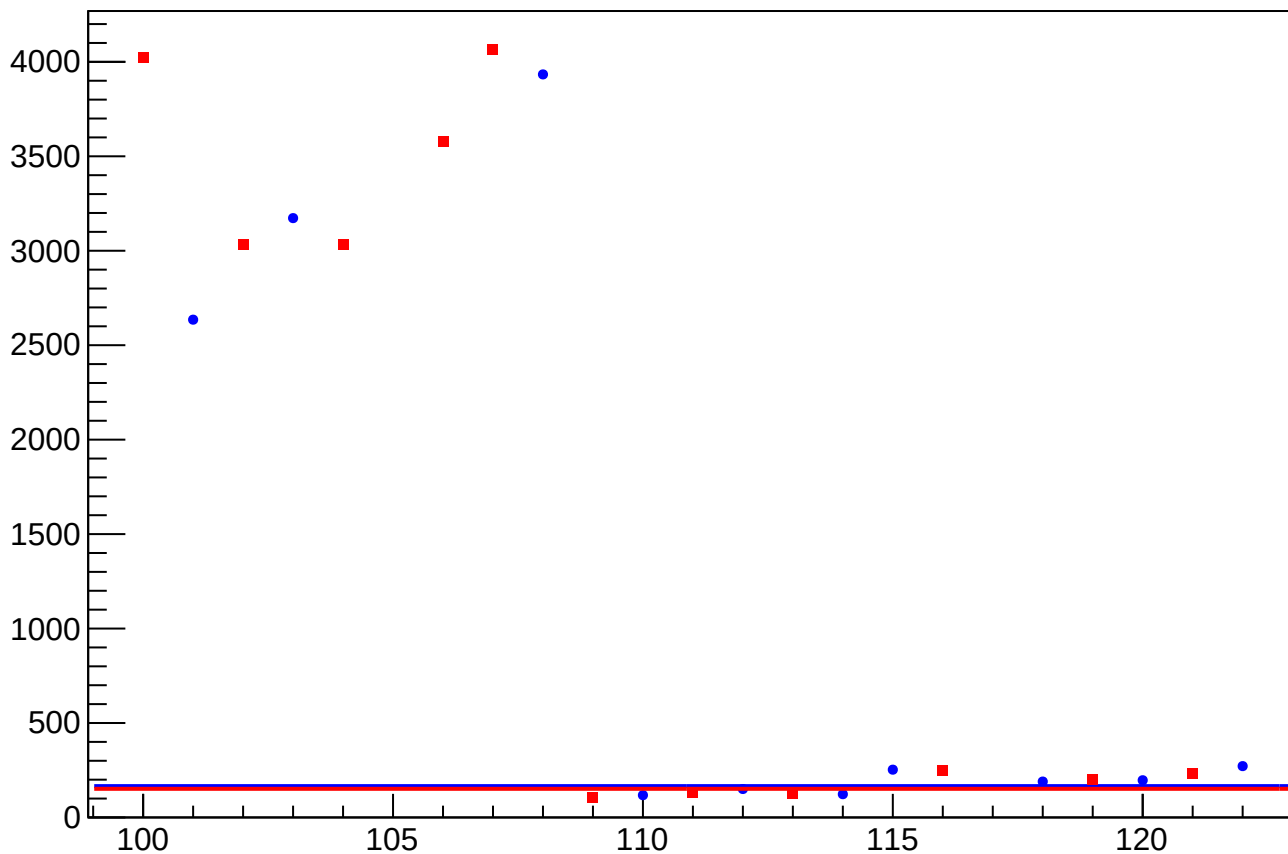
Right: -53.055+/-72.818 χ^2/NDF : 18.7/20

In: -31.178+/-108.089 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.055+/-72.818 χ^2/NDF : 18.7/20

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 165.882+/-0.076 χ^2/NDF : 3302891.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.614+/-0.070 χ^2/NDF : 3653161.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

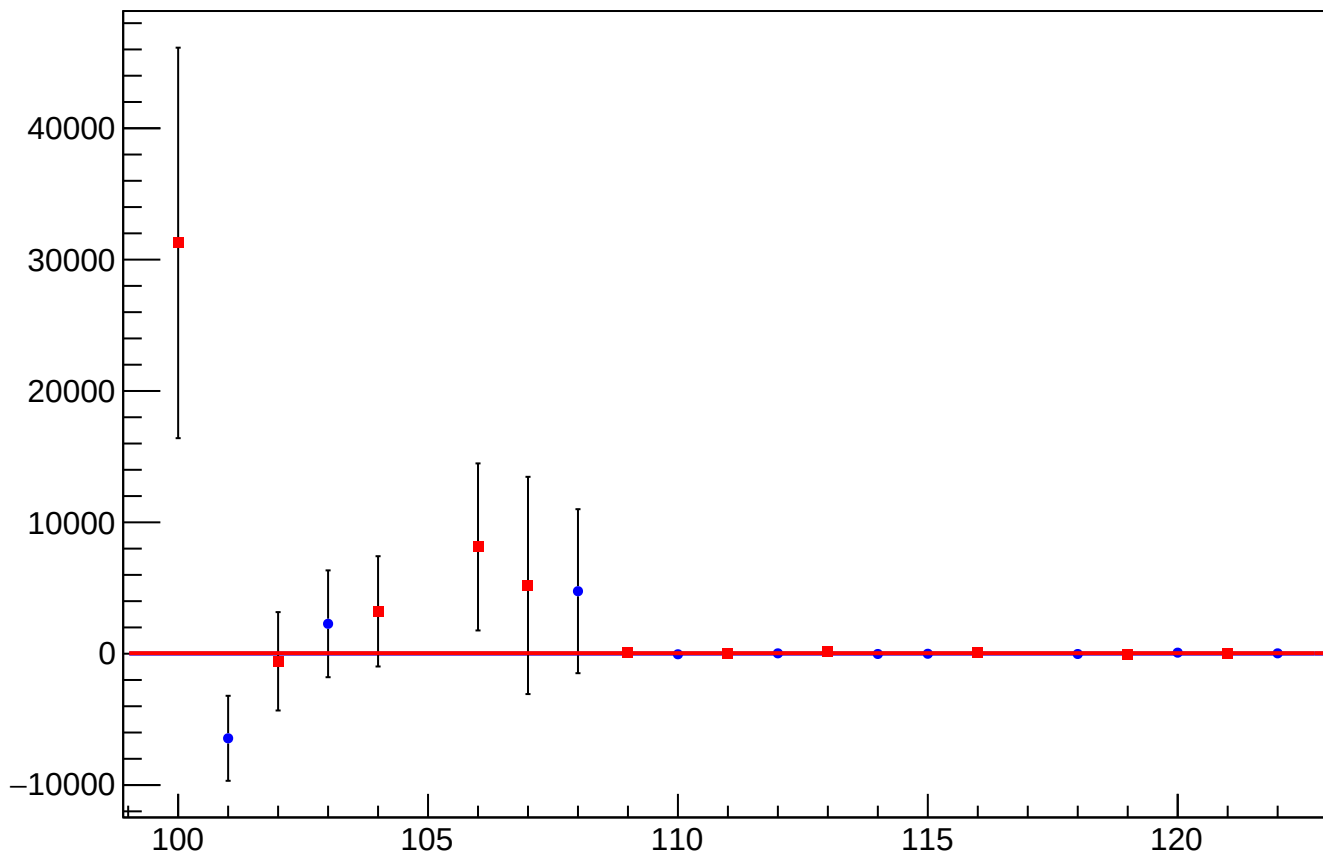
Right: 158.089+/-0.051 χ^2/NDF : 6975086.3/20

In: 165.882+/-0.076 χ^2/NDF : 3302891.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.089+/-0.051 χ^2/NDF : 6975086.3/20

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 9.024+/-19.910 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.981+/-19.730 χ^2/NDF : 19.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

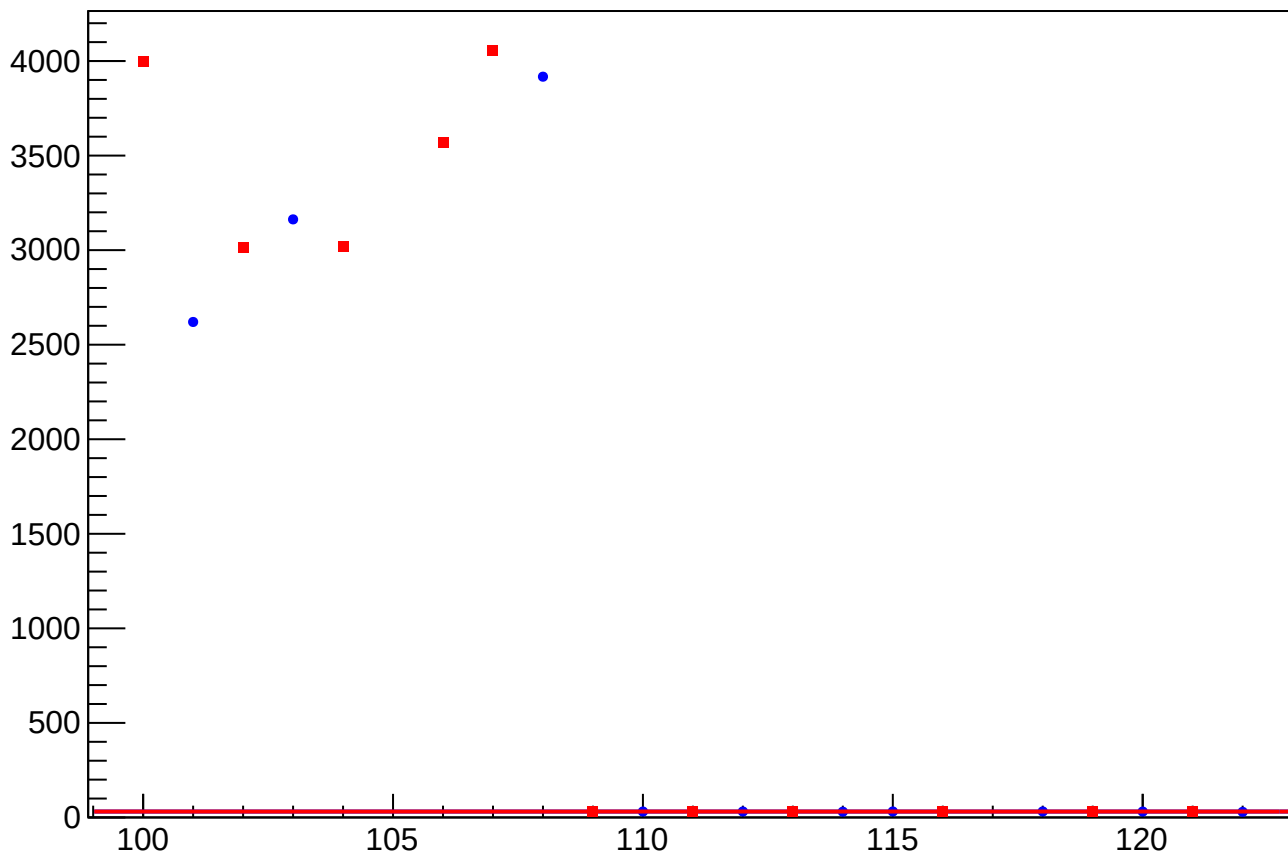
Right: 24.643+/-14.014 χ^2/NDF : 29.8/20

In: 9.024+/-19.910 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.643+/-14.014 χ^2/NDF : 29.8/20

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 31.280+/-0.014 χ^2/NDF : 3244652.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.283+/-0.014 χ^2/NDF : 3529348.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

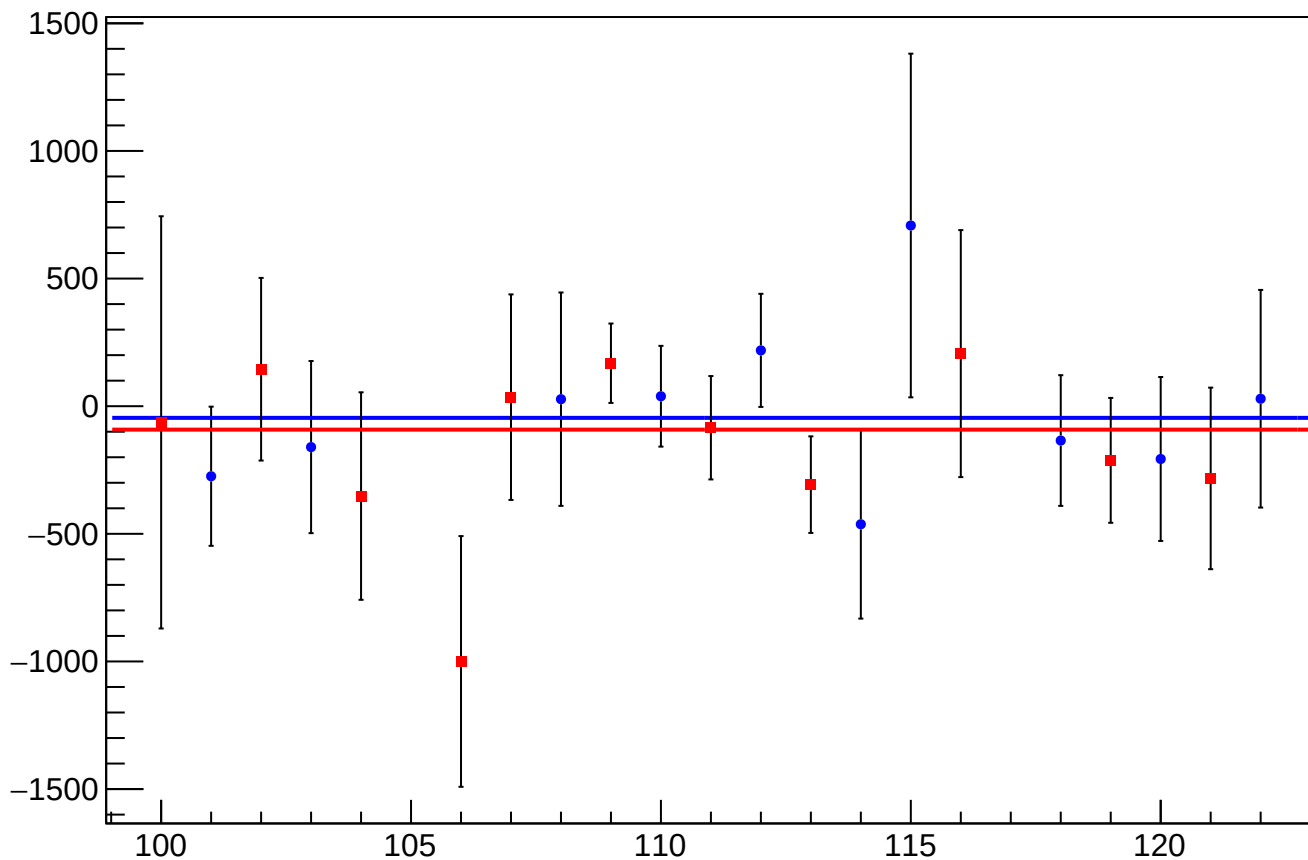
Right: 31.282+/-0.010 χ^2/NDF : 6774001.4/20

In: 31.280+/-0.014 χ^2/NDF : 3244652.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.282+/-0.010 χ^2/NDF : 6774001.4/20

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -45.669+/-93.655 χ^2/NDF : 5.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -91.817+/-82.122 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

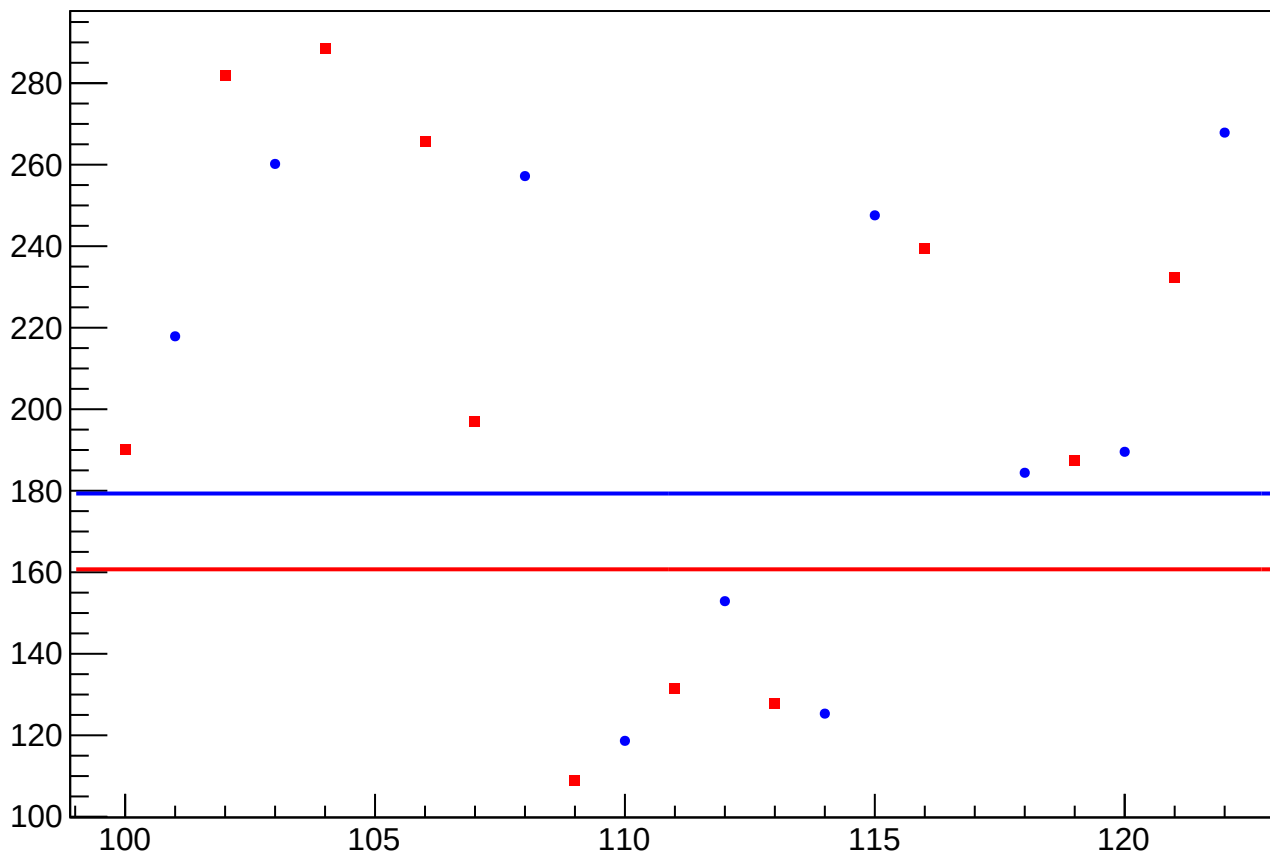
Right: -71.758+/-61.746 χ^2/NDF : 14.9/20

In: -45.669+/-93.655 χ^2/NDF :5.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -71.758+/-61.746 χ^2/NDF : 14.9/20

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 179.322+/-0.066 χ^2/NDF : 594340.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.724+/-0.058 χ^2/NDF : 1017498.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

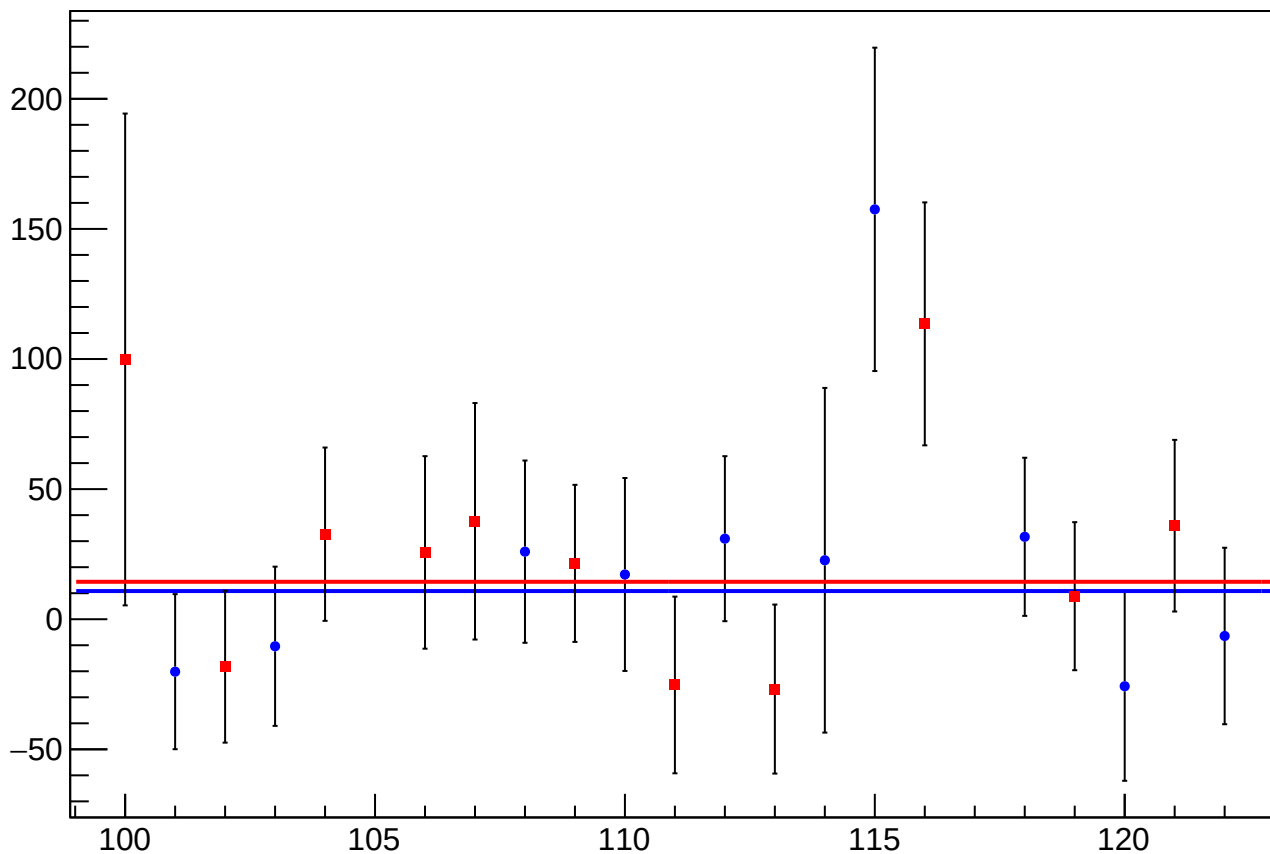
Right: 168.808+/-0.044 χ^2/NDF : 1656428.5/20

In: 179.322+/-0.066 χ^2/NDF : 594340.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.808+/-0.044 χ^2/NDF : 1656428.5/20

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 10.823+/-11.230 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.389+/-10.583 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

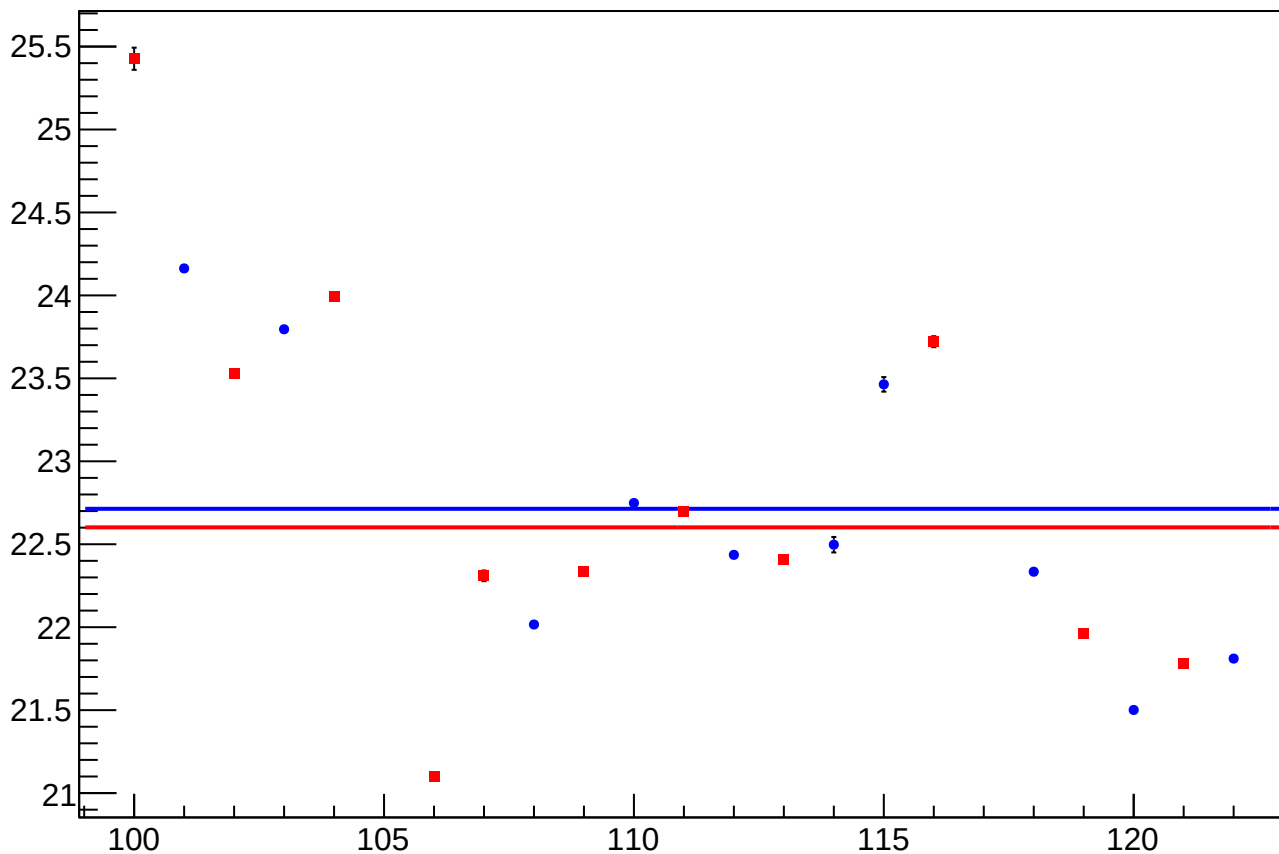
Right: 12.712+/-7.702 χ^2/NDF : 20.3/20

In: 10.823+/-11.230 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.712+/-7.702 χ^2/NDF : 20.3/20

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.714+/-0.008 χ^2/NDF : 12449.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.602+/-0.007 χ^2/NDF : 14307.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

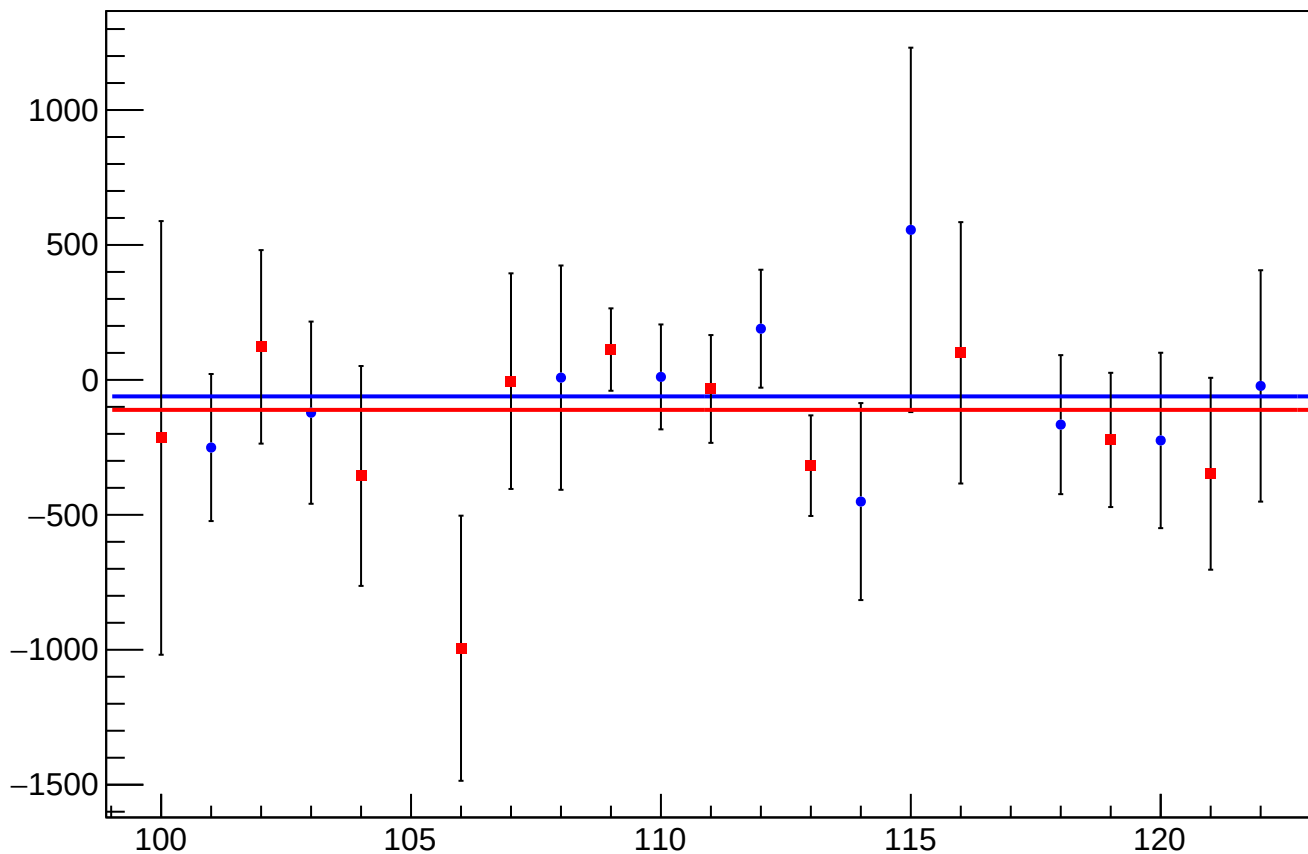
Right: 22.654+/-0.005 χ^2/NDF : 26862.3/20

In: 22.714+/-0.008 χ^2/NDF : 12449.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.654+/-0.005 χ^2/NDF : 26862.3/20

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -61.144+/-93.192 χ^2/NDF : 4.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.105+/-81.412 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

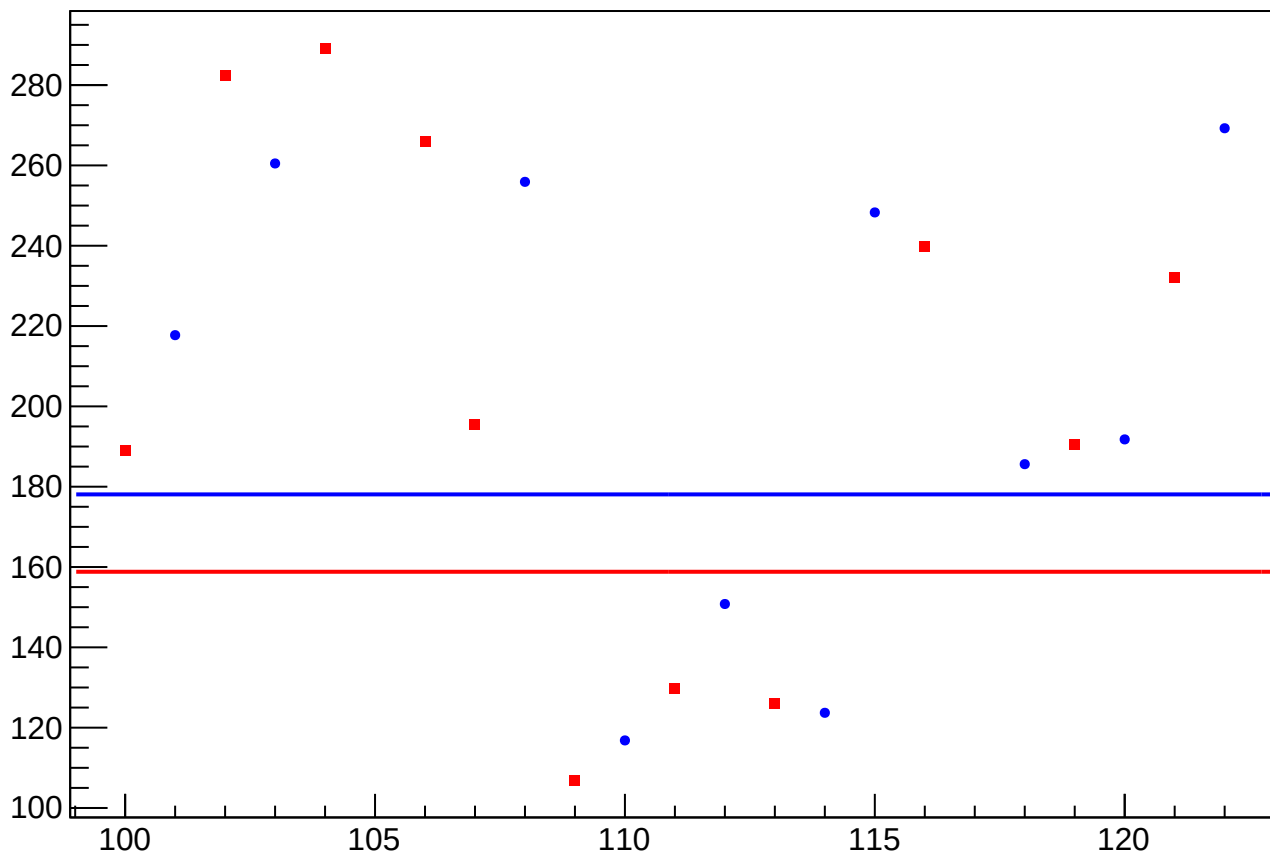
Right: -89.480+/-61.312 χ^2/NDF : 13.0/20

In: -61.144+/-93.192 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.480+/-61.312 χ^2/NDF : 13.0/20

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 178.083+/-0.066 χ^2/NDF : 623295.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.819+/-0.058 χ^2/NDF : 1065574.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

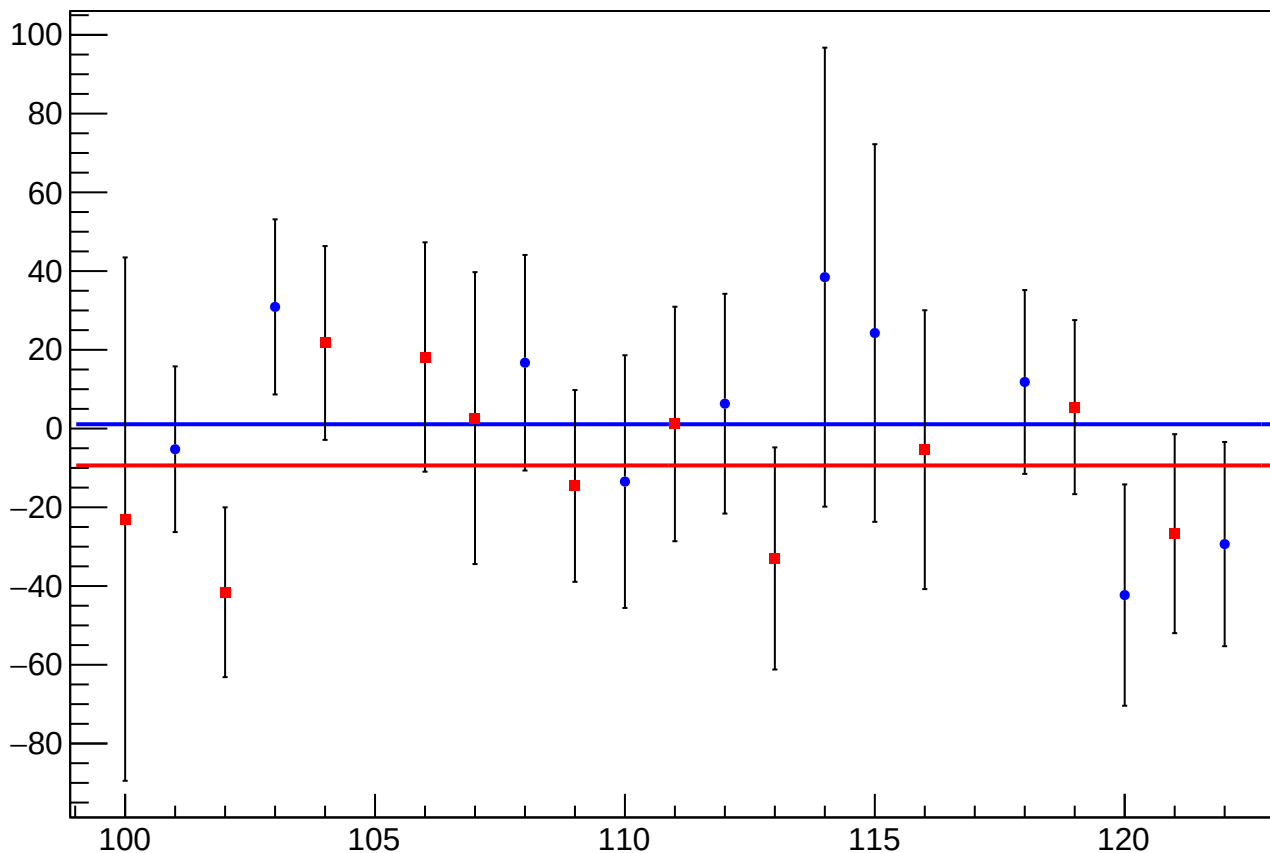
Right: 167.157+/-0.043 χ^2/NDF : 1737344.0/20

In: 178.083+/-0.066 χ^2/NDF : 623295.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.157+/-0.043 χ^2/NDF : 1737344.0/20

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 1.095+/-8.709 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.366+/-8.330 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

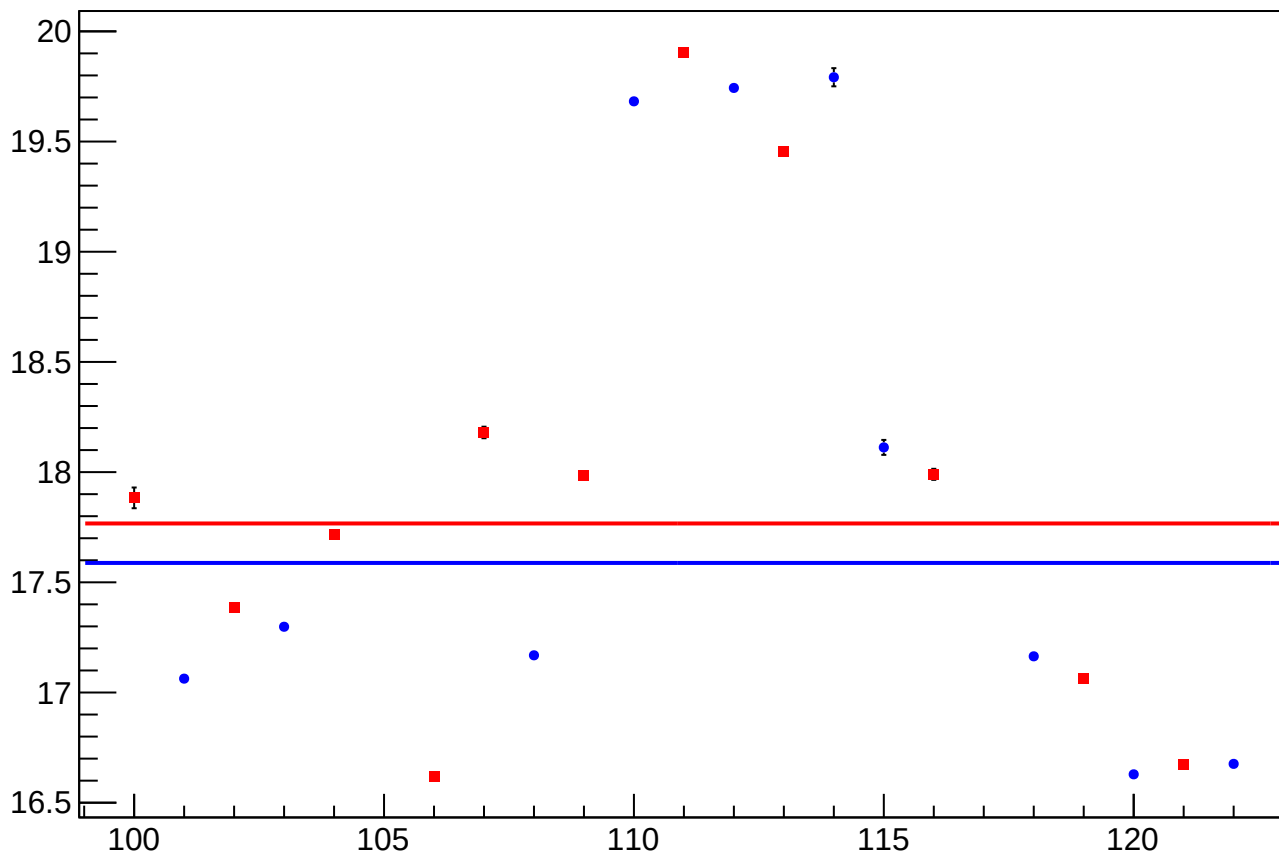
Right: -4.368+/-6.020 χ^2/NDF : 14.5/20

In: 1.095+/-8.709 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.368+/-6.020 χ^2/NDF : 14.5/20

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.588+/-0.006 χ^2/NDF : 31050.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.767+/-0.006 χ^2/NDF : 27454.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

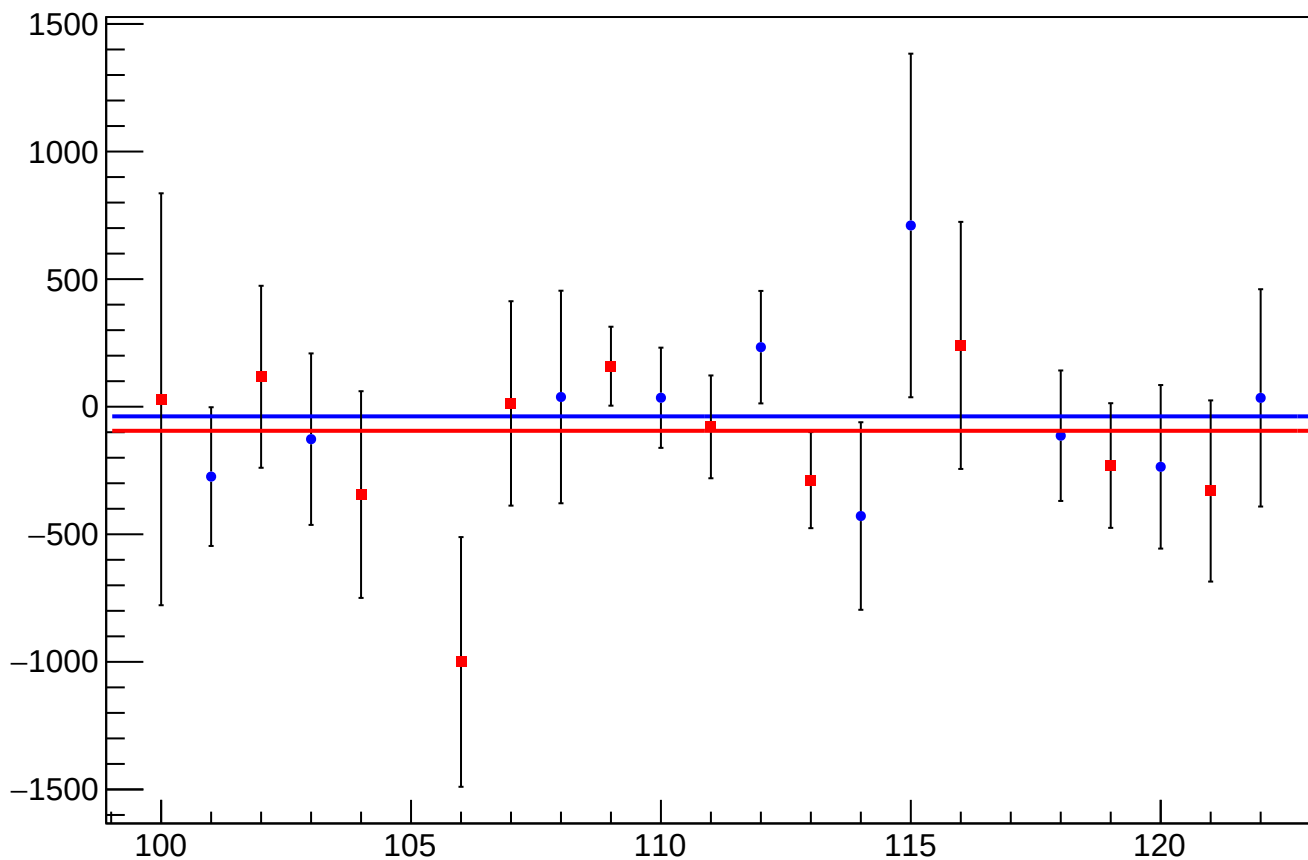
Right: 17.681+/-0.004 χ^2/NDF : 58946.6/20

In: 17.588+/-0.006 χ^2/NDF : 31050.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.681+/-0.004 χ^2/NDF : 58946.6/20

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -37.858 ± 93.320 χ^2/NDF : 5.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -94.452 ± 81.779 χ^2/NDF : 9.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

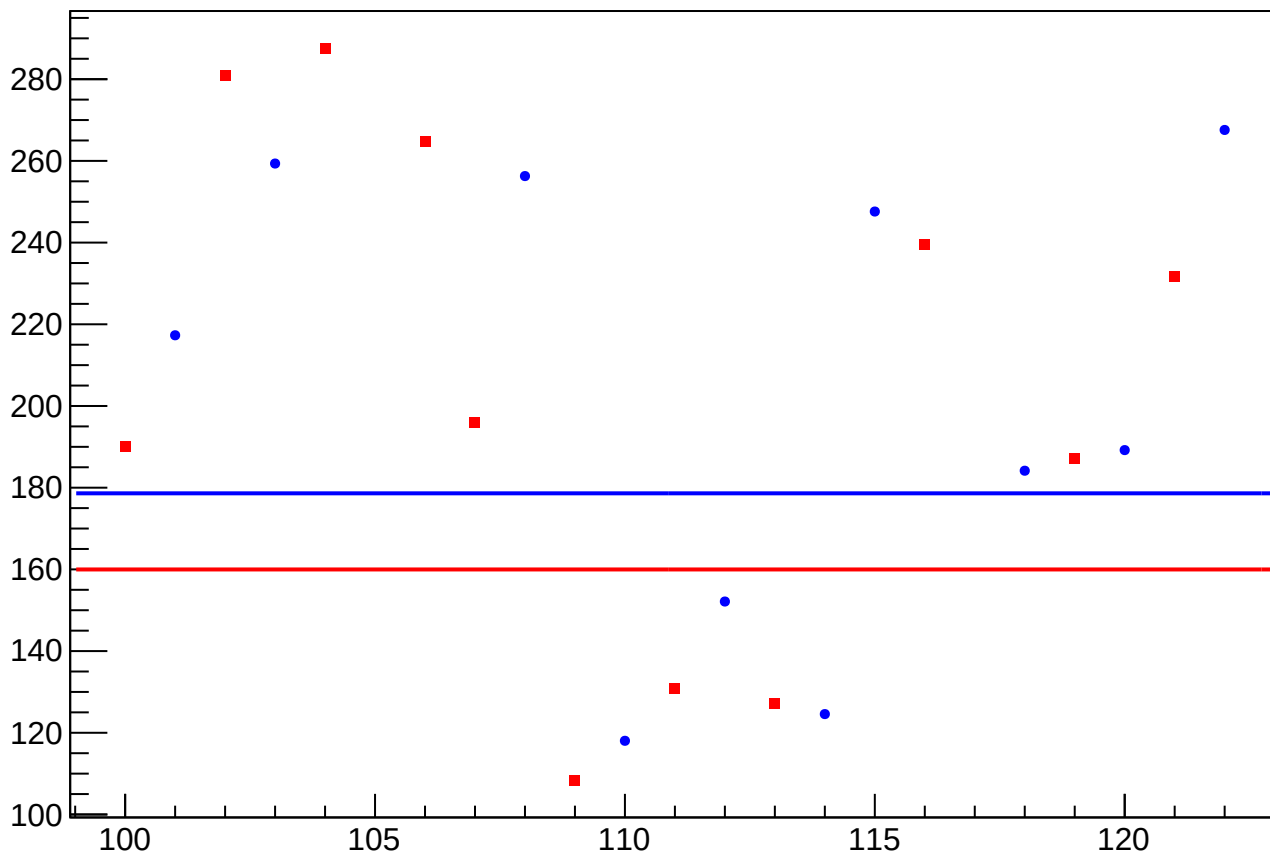
Right: -69.869 ± 61.504 χ^2/NDF : 14.8/20

In: -37.858 ± 93.320 χ^2/NDF : 5.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -69.869 ± 61.504 χ^2/NDF : 14.8/20

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 178.620+/-0.066 χ^2/NDF : 599372.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.982+/-0.058 χ^2/NDF : 1024030.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

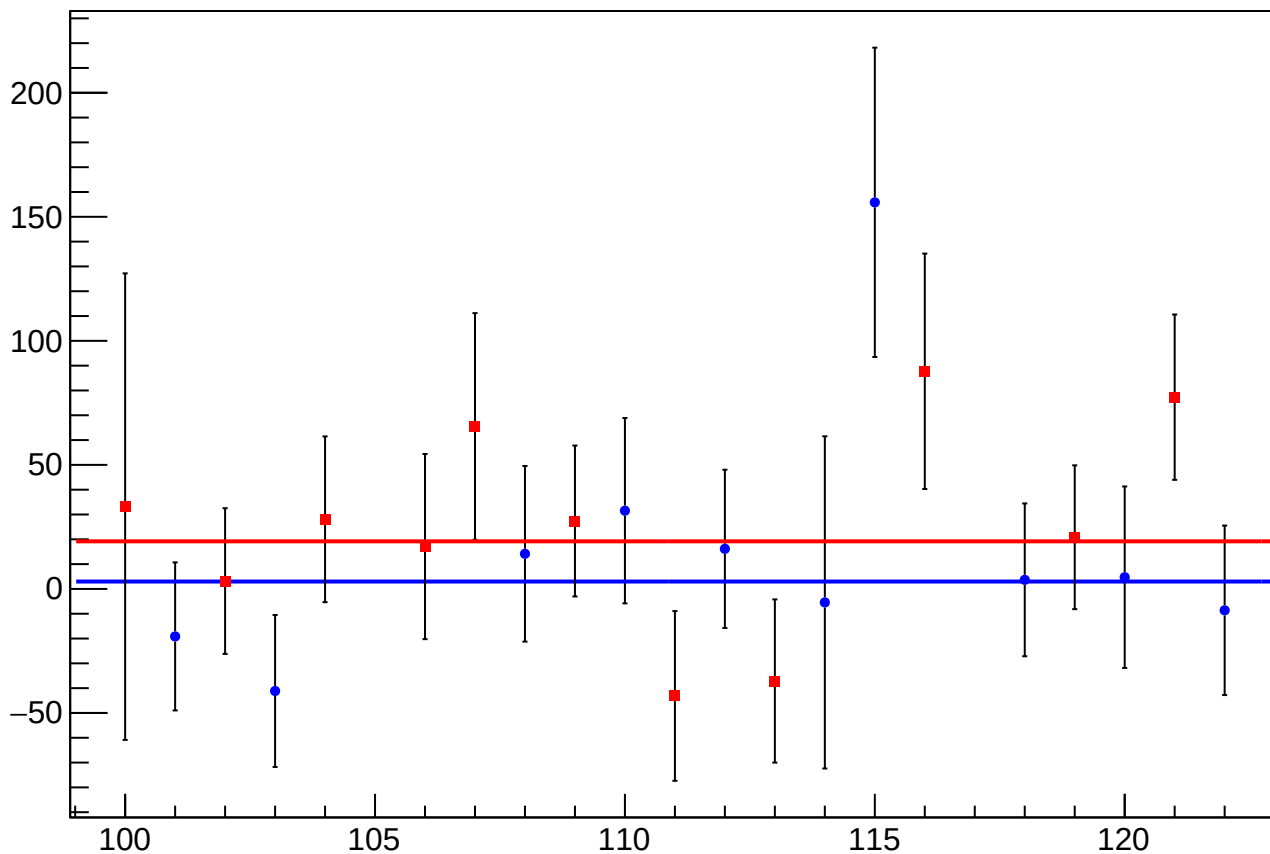
Right: 168.078+/-0.043 χ^2/NDF : 1668524.8/20

In: 178.620+/-0.066 χ^2/NDF : 599372.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.078+/-0.043 χ^2/NDF : 1668524.8/20

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: 2.981+/-11.305 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.182+/-10.684 χ^2/NDF : 12.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

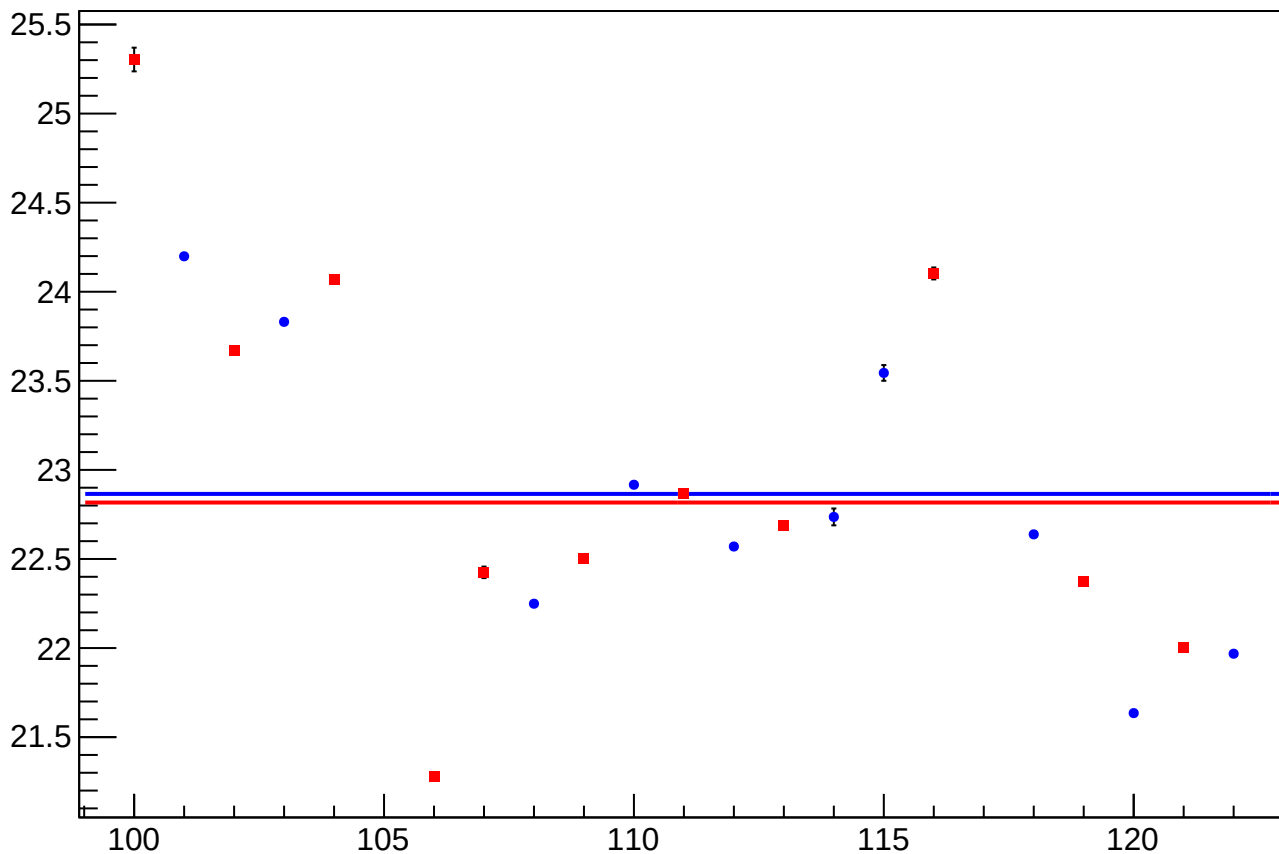
Right: 11.539+/-7.765 χ^2/NDF : 23.6/20

In: 2.981+/-11.305 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.539+/-7.765 χ^2/NDF : 23.6/20

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 22.865+/-0.008 χ^2/NDF : 10759.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.817+/-0.008 χ^2/NDF : 12798.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

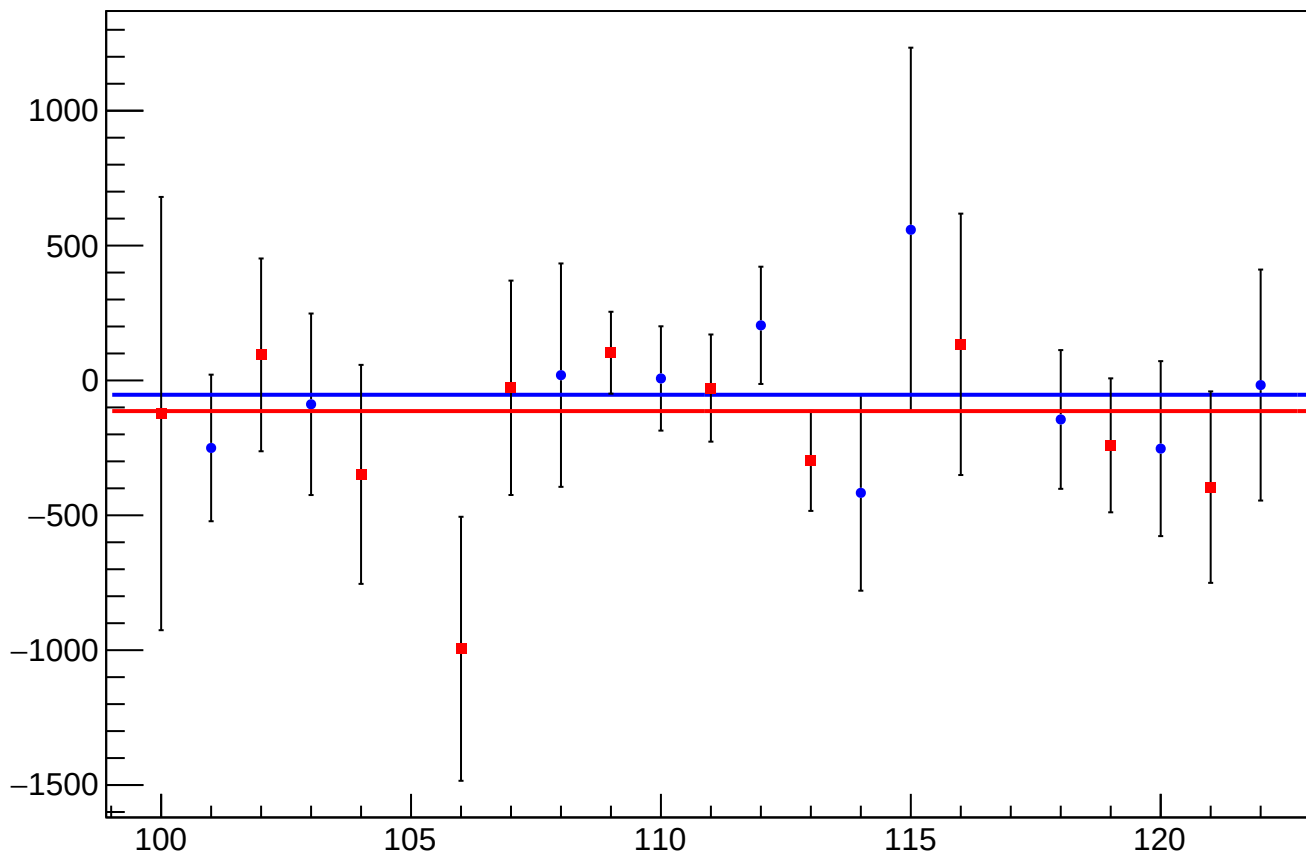
Right: 22.840+/-0.005 χ^2/NDF : 23577.4/20

In: 22.865+/-0.008 χ^2/NDF : 10759.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.840+/-0.005 χ^2/NDF : 23577.4/20

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -53.116+/-92.853 χ^2/NDF : 4.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -113.628+/-81.065 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

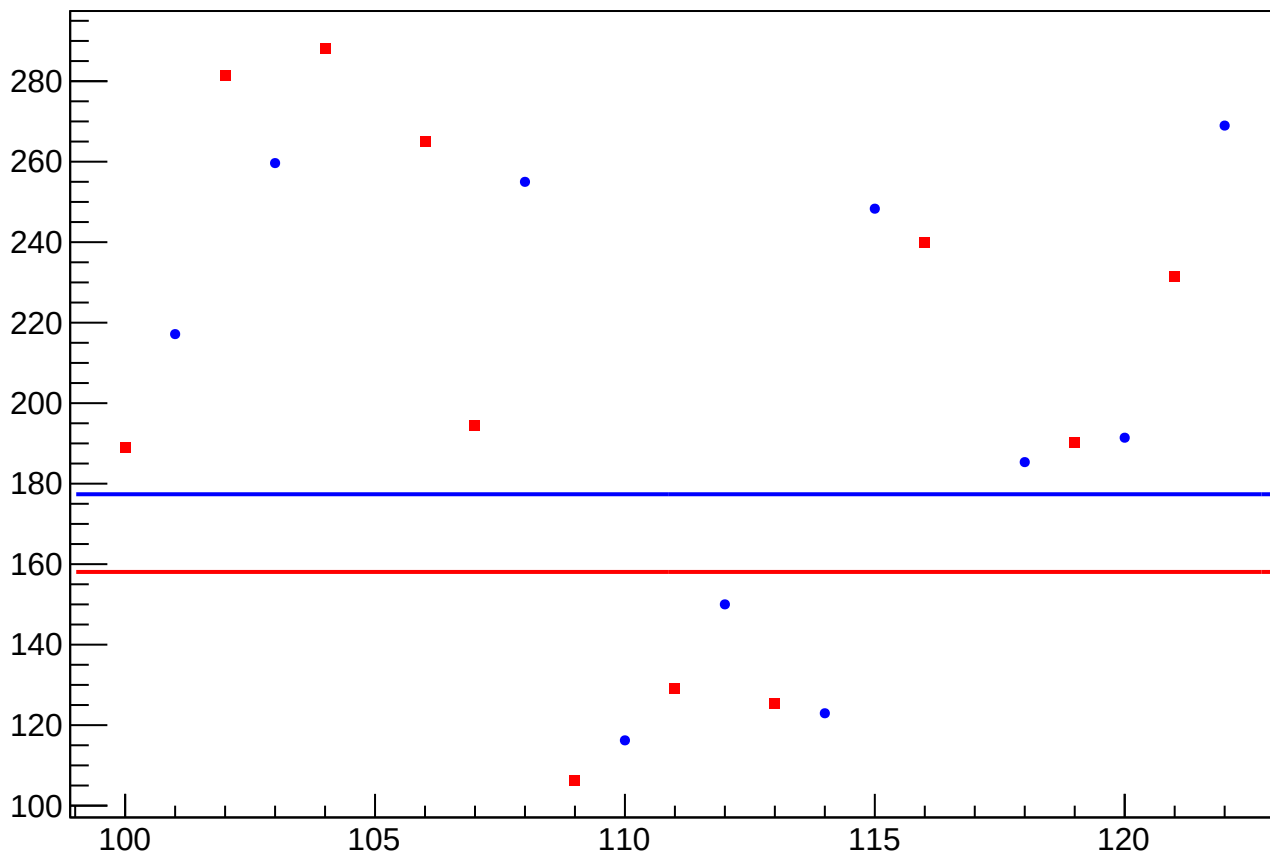
Right: -87.454+/-61.067 χ^2/NDF : 13.0/20

In: -53.116+/-92.853 χ^2/NDF :4.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -87.454+/-61.067 χ^2/NDF : 13.0/20

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 177.370+/-0.066 χ^2/NDF : 628726.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.067+/-0.057 χ^2/NDF : 1072555.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

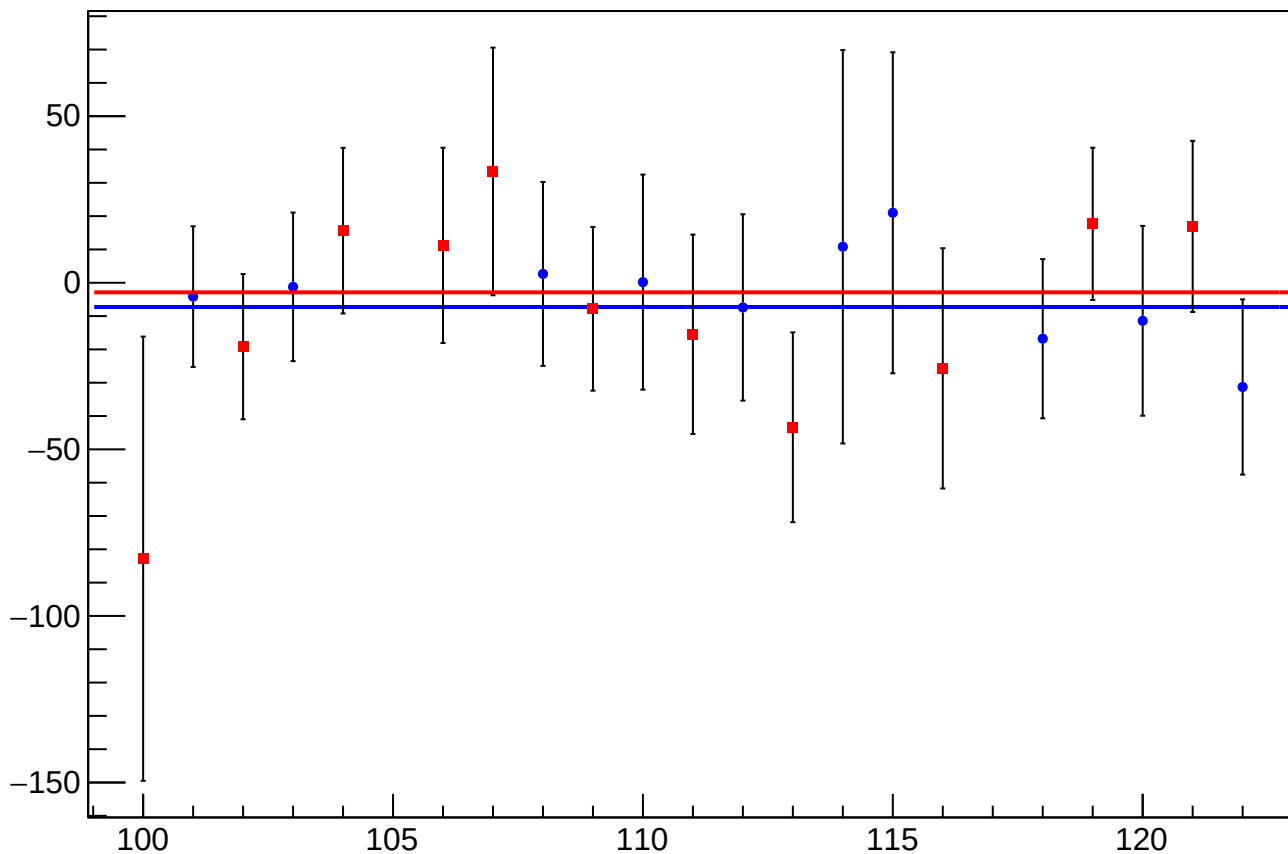
Right: 166.416+/-0.043 χ^2/NDF : 1750329.7/20

In: 177.370+/-0.066 χ^2/NDF : 628726.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.416+/-0.043 χ^2/NDF : 1750329.7/20

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.269+/-8.786 χ^2/NDF : 1.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.876+/-8.438 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

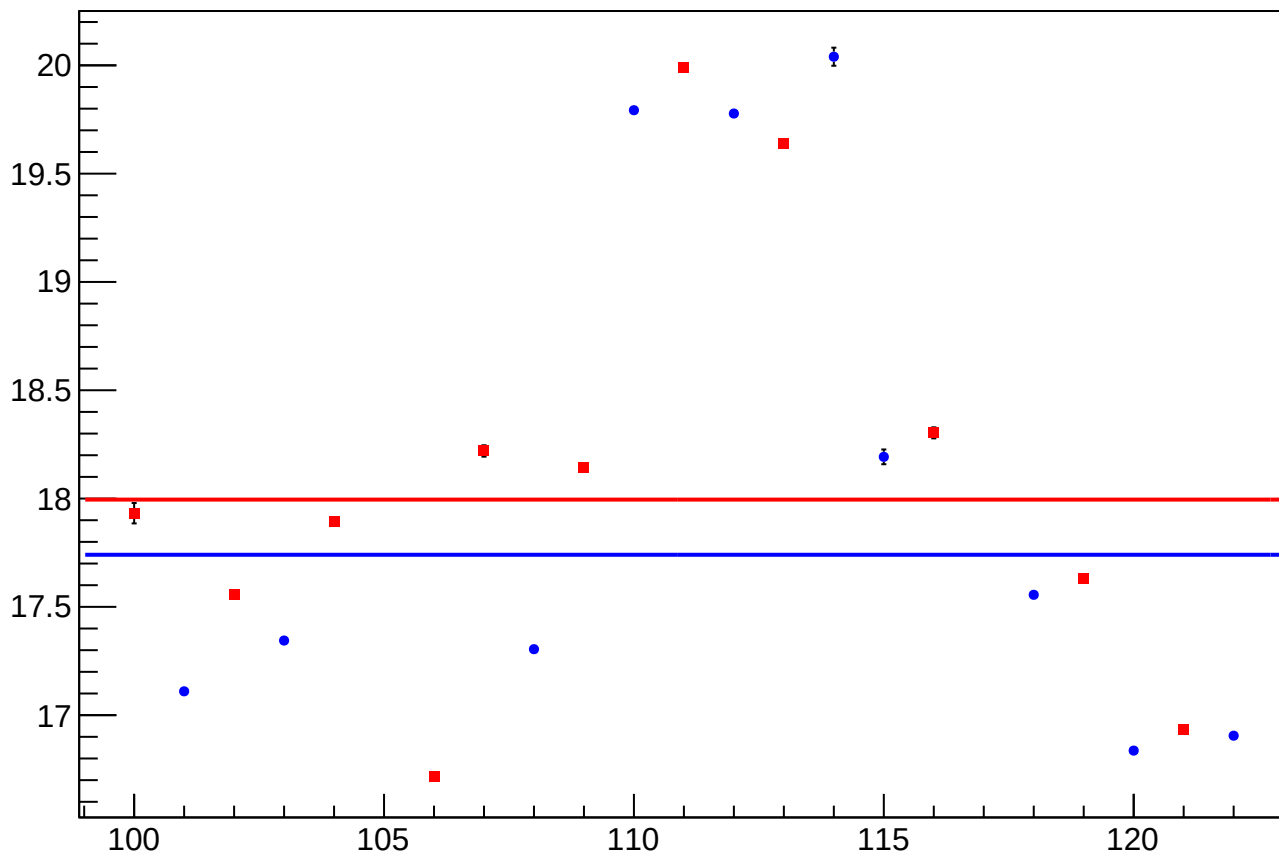
Right: -4.984+/-6.086 χ^2/NDF : 9.6/20

In: -7.269+/-8.786 χ^2/NDF : 1.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.984+/-6.086 χ^2/NDF : 9.6/20

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.740+/-0.006 χ^2/NDF : 28975.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.995+/-0.006 χ^2/NDF : 24413.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

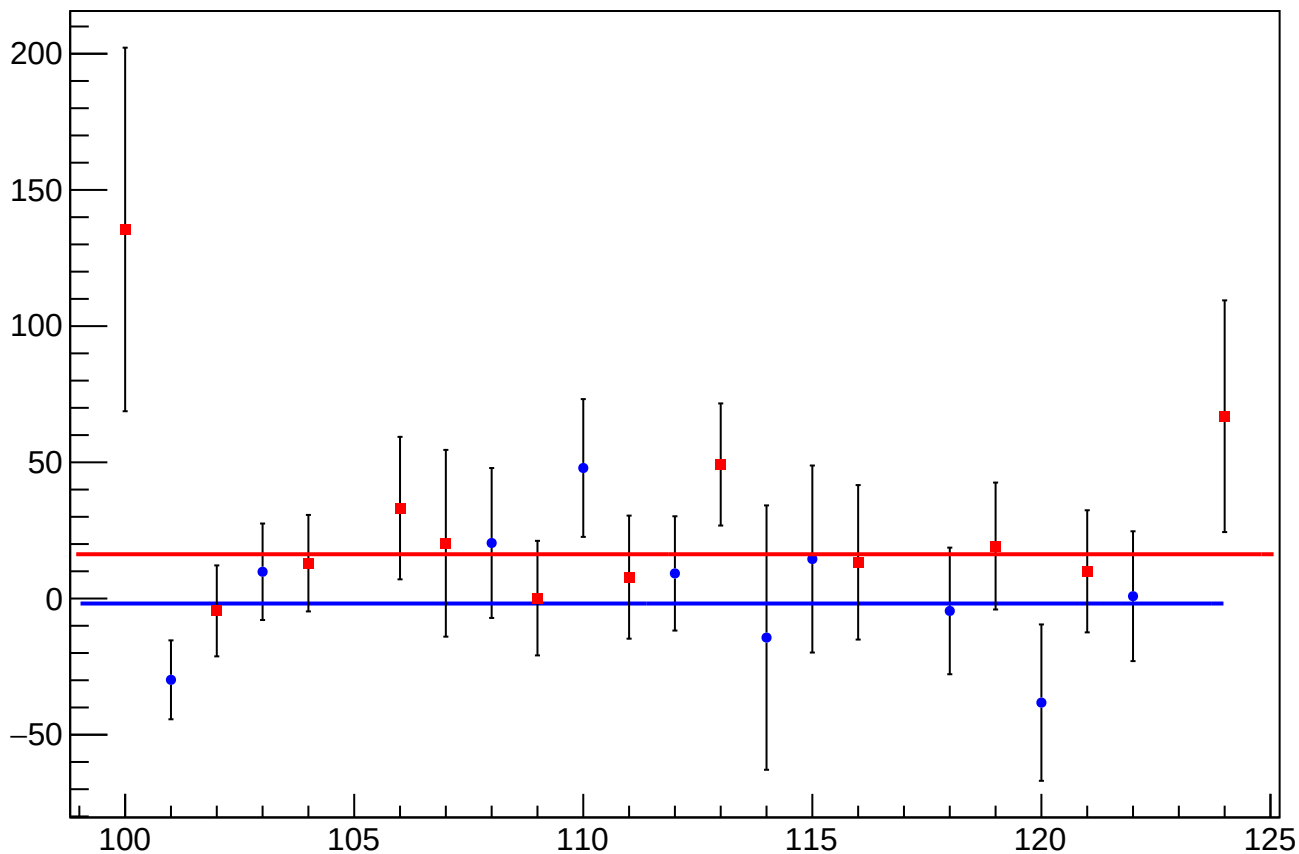
Right: 17.873+/-0.004 χ^2/NDF : 54263.6/20

In: 17.740+/-0.006 χ^2/NDF : 28975.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.873+/-0.004 χ^2/NDF : 54263.6/20

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -1.833+/-7.215 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.259+/-6.876 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

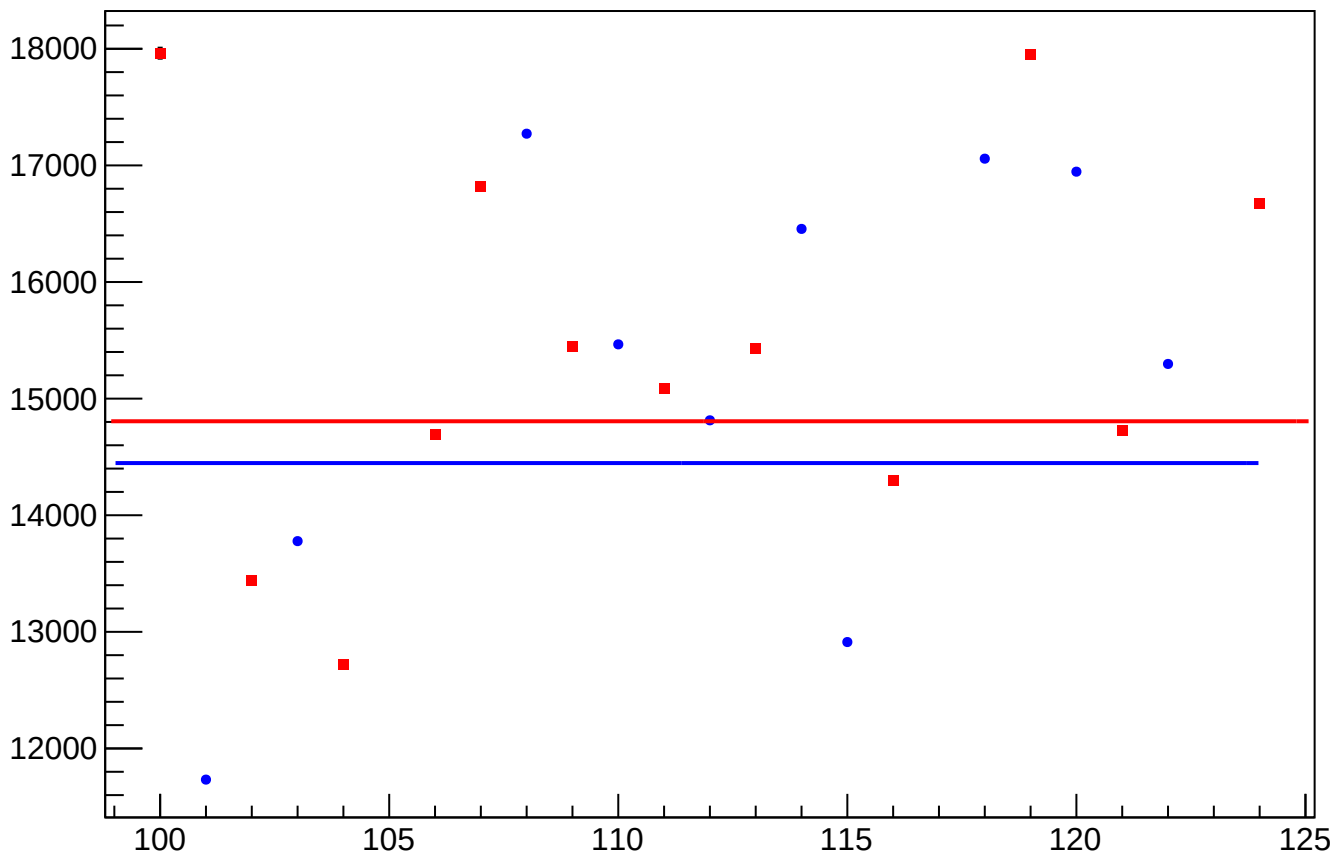
Right: 7.649+/-4.978 χ^2/NDF : 23.8/21

In: -1.833+/-7.215 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.649+/-4.978 χ^2/NDF : 23.8/21

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 14447.389+/-5.102 χ^2/NDF : 148360.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14805.897+/-4.862 χ^2/NDF : 97202.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

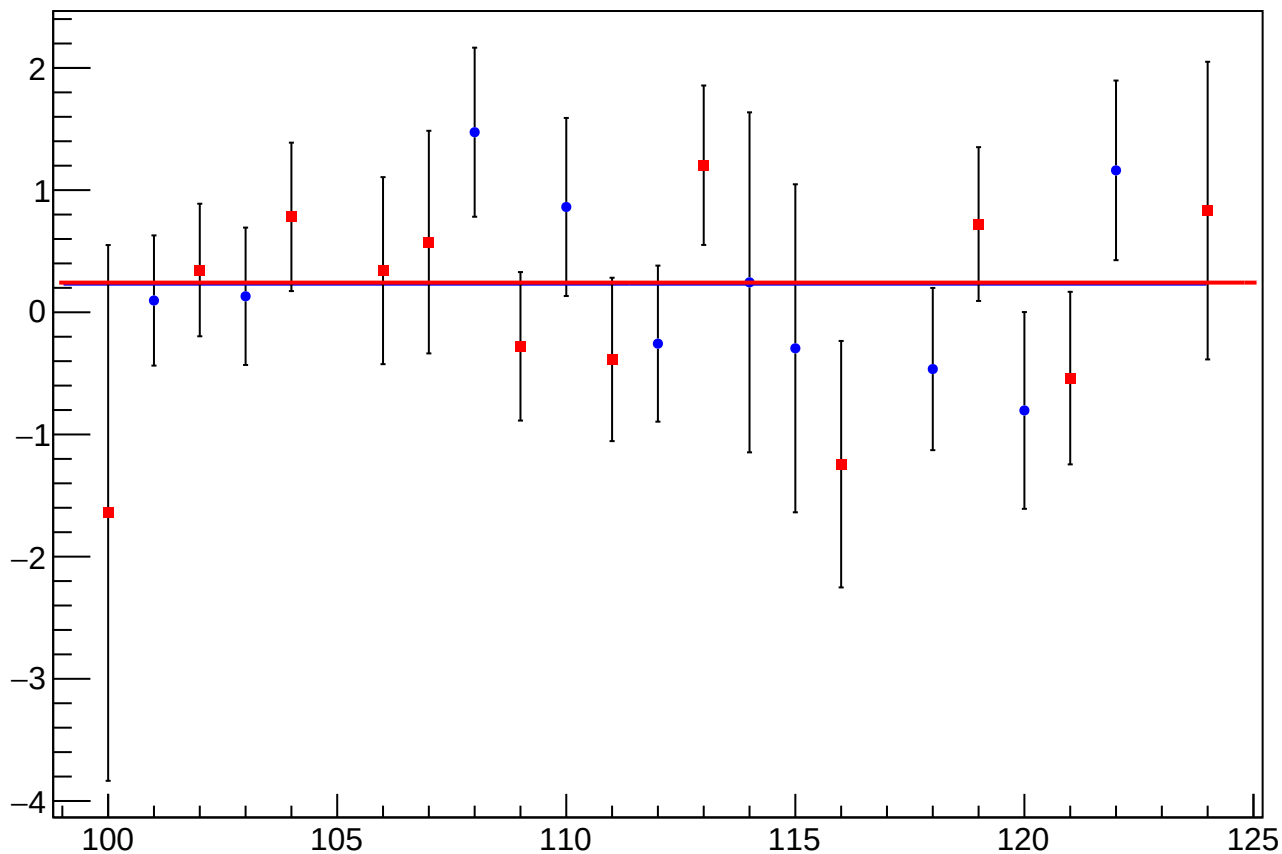
Right: 14635.279+/-3.520 χ^2/NDF : 248150.7/21

In: 14447.389+/-5.102 χ^2/NDF : 148360.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14635.279+/-3.520 χ^2/NDF : 248150.7/21

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.234+/-0.224 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.243+/-0.210 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

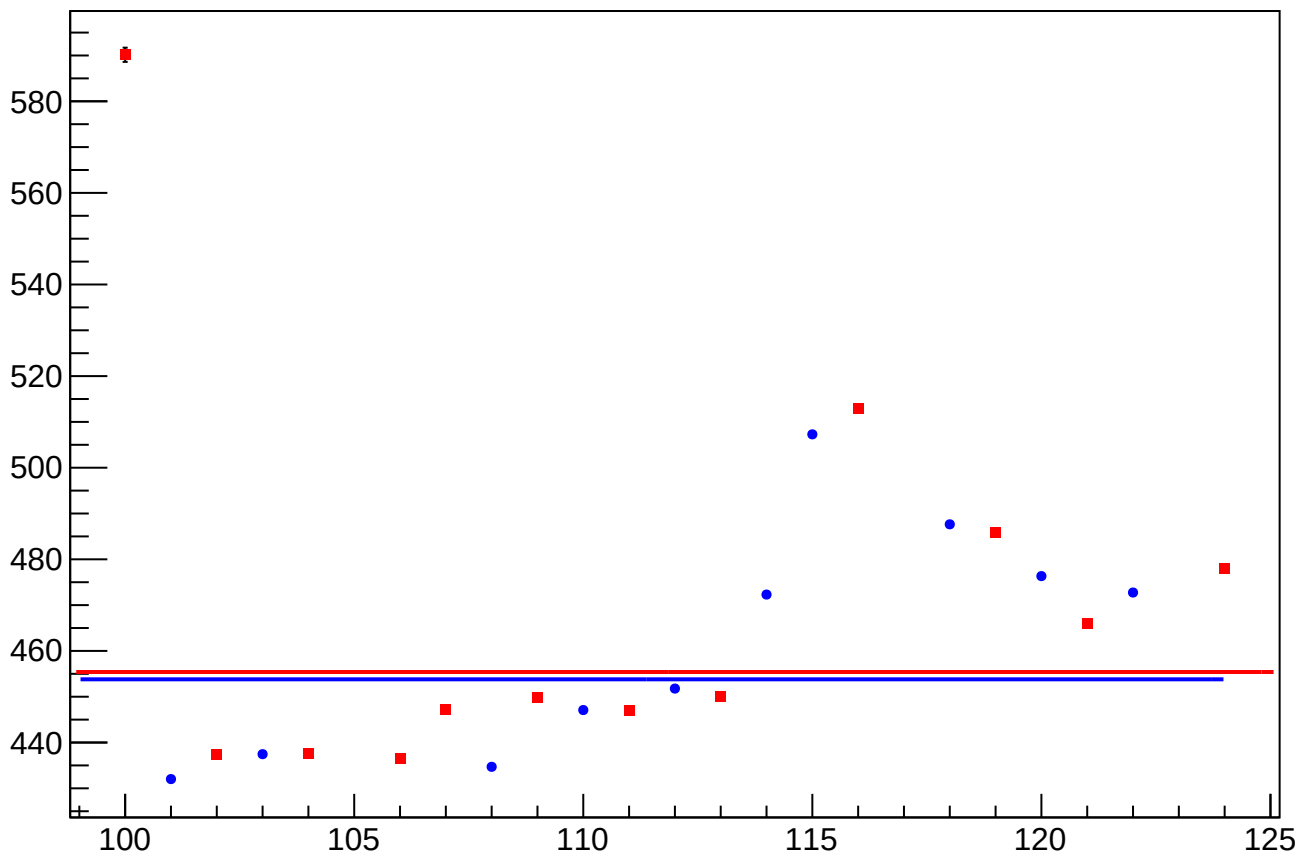
Right: 0.239+/-0.153 χ^2/NDF : 18.9/21

In: 0.234+/-0.224 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.239+/-0.153 χ^2/NDF : 18.9/21

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 453.799+/-0.159 χ^2/NDF : 18366.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.397+/-0.148 χ^2/NDF : 25729.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

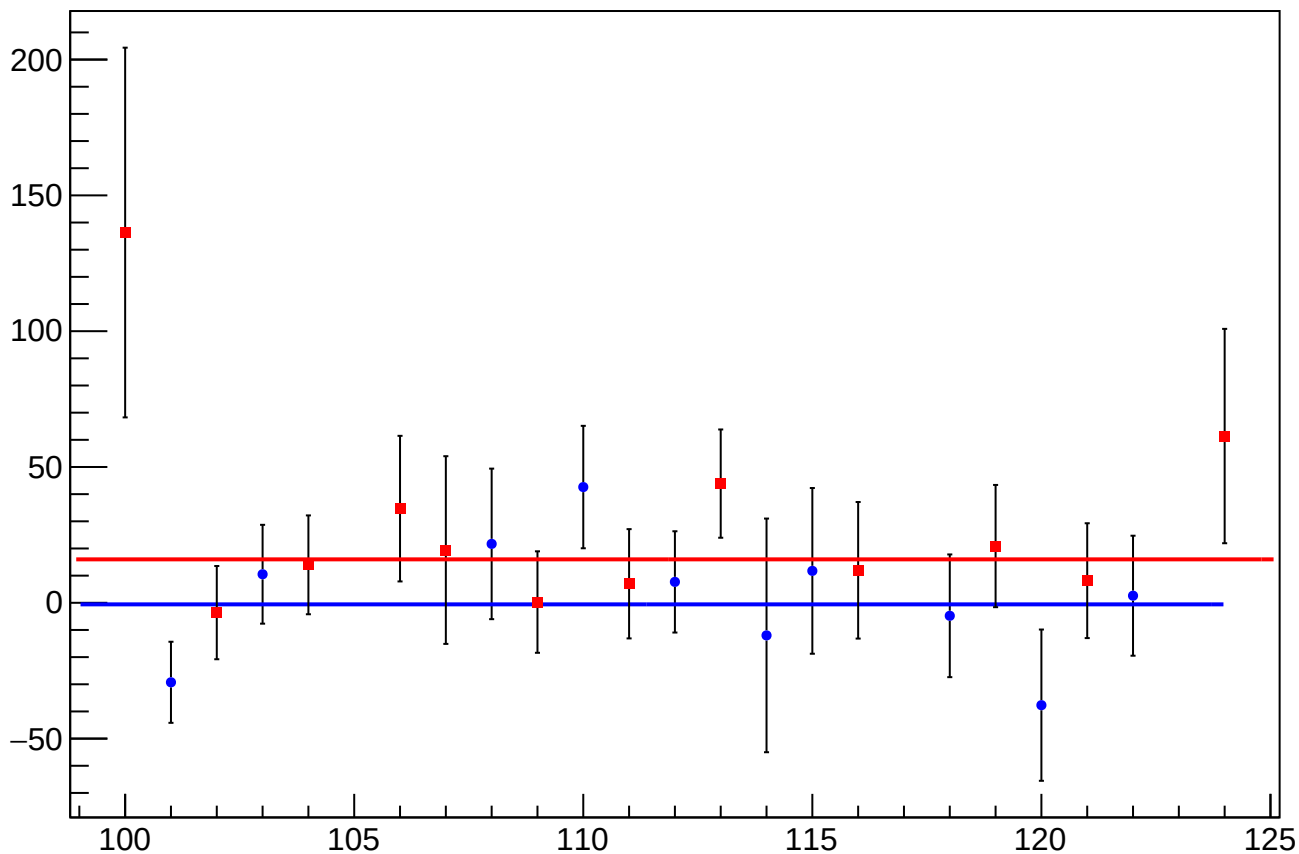
Right: 454.652+/-0.108 χ^2/NDF : 44150.0/21

In: 453.799+/-0.159 χ^2/NDF : 18366.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.652+/-0.108 χ^2/NDF : 44150.0/21

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -0.575 ± 6.972 χ^2/NDF : 10.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.995 ± 6.572 χ^2/NDF : 9.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

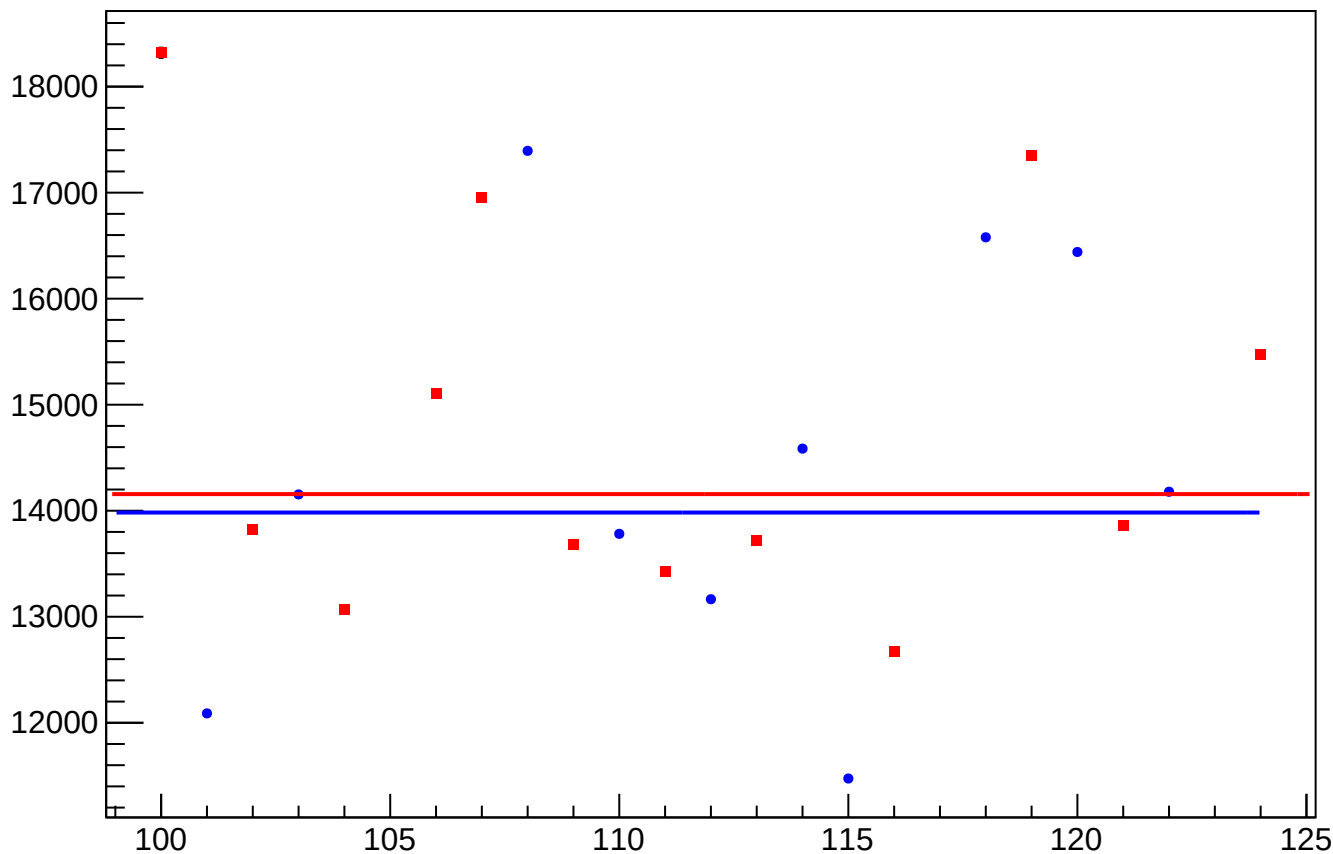
Right: 8.199 ± 4.782 χ^2/NDF : 23.0/21

In: -0.575 ± 6.972 χ^2/NDF : 10.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.199 ± 4.782 χ^2/NDF : 23.0/21

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13982.827+/-4.930 χ^2/NDF : 122762.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14156.801+/-4.647 χ^2/NDF : 85684.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

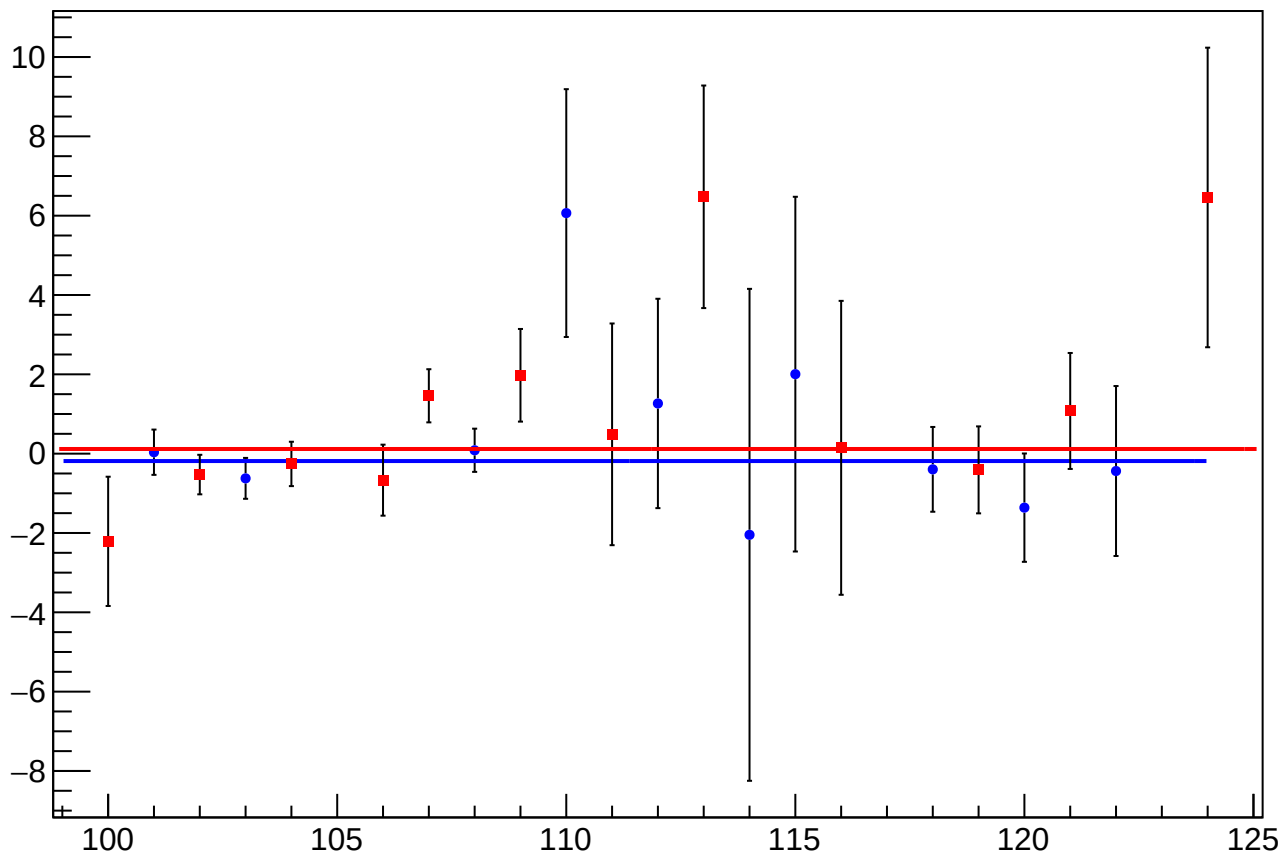
Right: 14074.950+/-3.382 χ^2/NDF : 209107.0/21

In: 13982.827+/-4.930 χ^2/NDF : 122762.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14074.950+/-3.382 χ^2/NDF : 209107.0/21

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.186+/-0.287 χ^2 /NDF: 6.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.118+/-0.272 χ^2 /NDF: 20.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

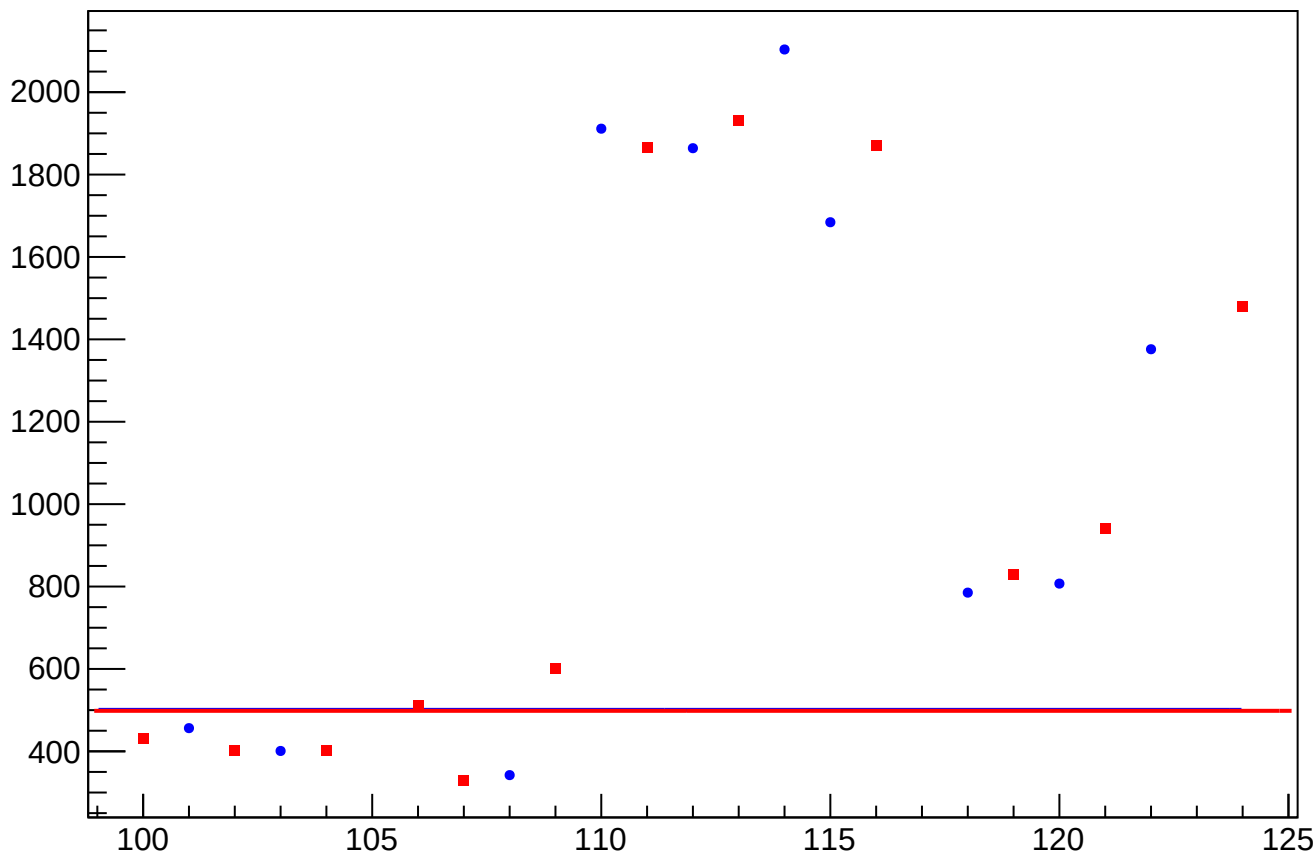
Right: -0.026+/-0.197 χ^2 /NDF: 27.3/21

In: -0.186+/-0.287 χ^2 /NDF:6.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.026+/-0.197 χ^2 /NDF: 27.3/21

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 500.645+/-0.203 χ^2/NDF : 2047712.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.338+/-0.192 χ^2/NDF : 2060801.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

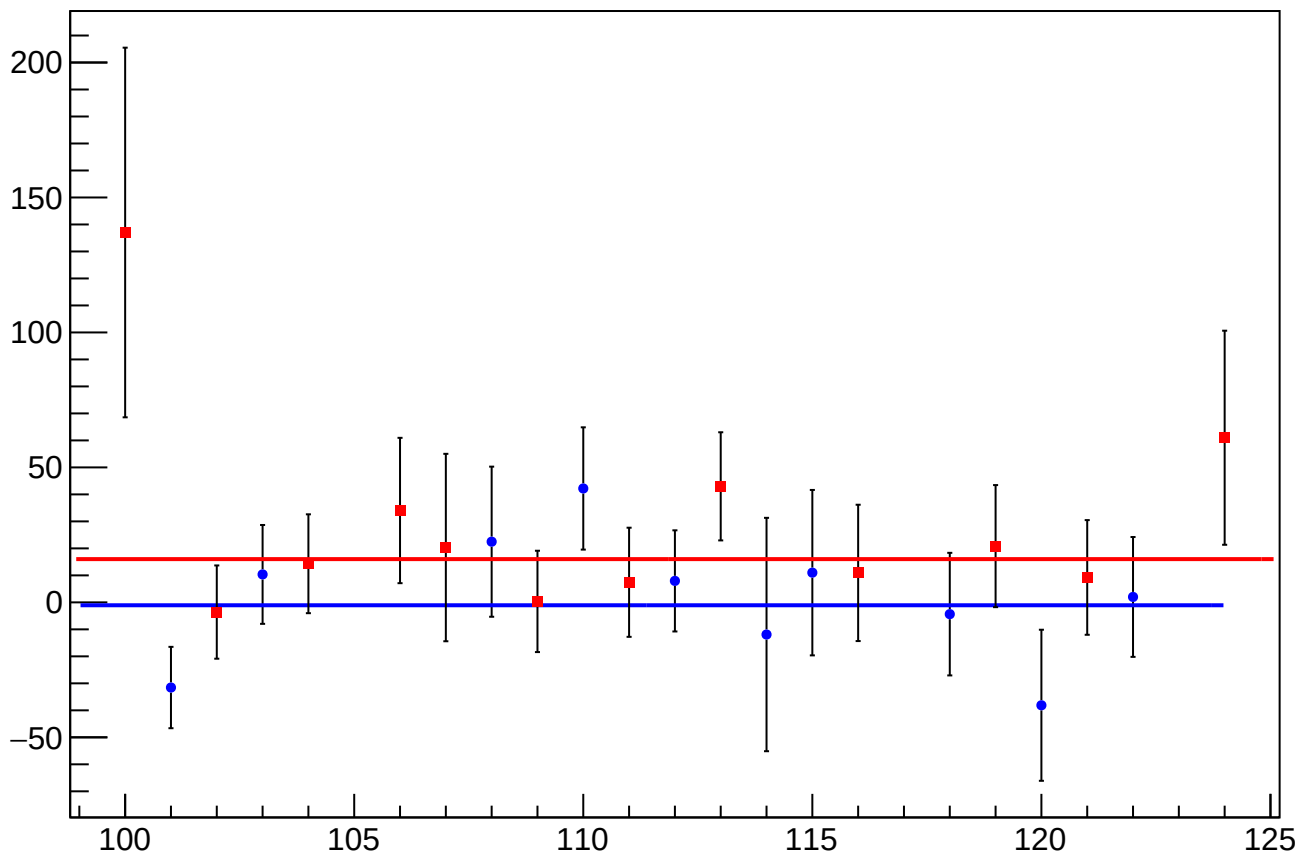
Right: 499.430+/-0.140 χ^2/NDF : 4108582.0/21

In: 500.645+/-0.203 χ^2/NDF : 2047712.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.430+/-0.140 χ^2/NDF : 4108582.0/21

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -1.074+/-7.015 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.025+/-6.607 χ^2/NDF : 9.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

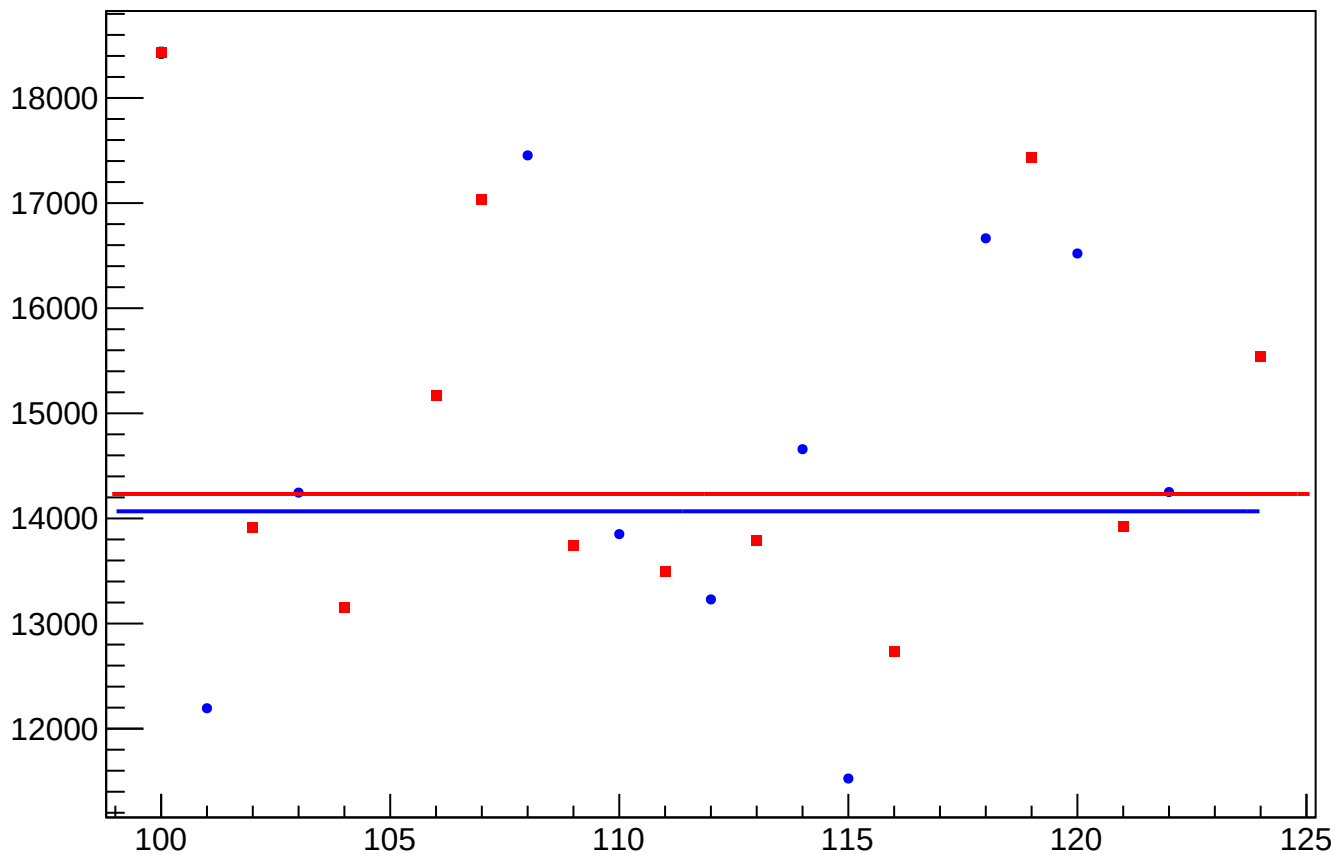
Right: 7.987+/-4.810 χ^2/NDF : 23.3/21

In: -1.074+/-7.015 χ^2/NDF :11.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.987+/-4.810 χ^2/NDF : 23.3/21

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 14067.763+/-4.960 χ^2/NDF : 120751.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14232.644+/-4.672 χ^2/NDF : 85357.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

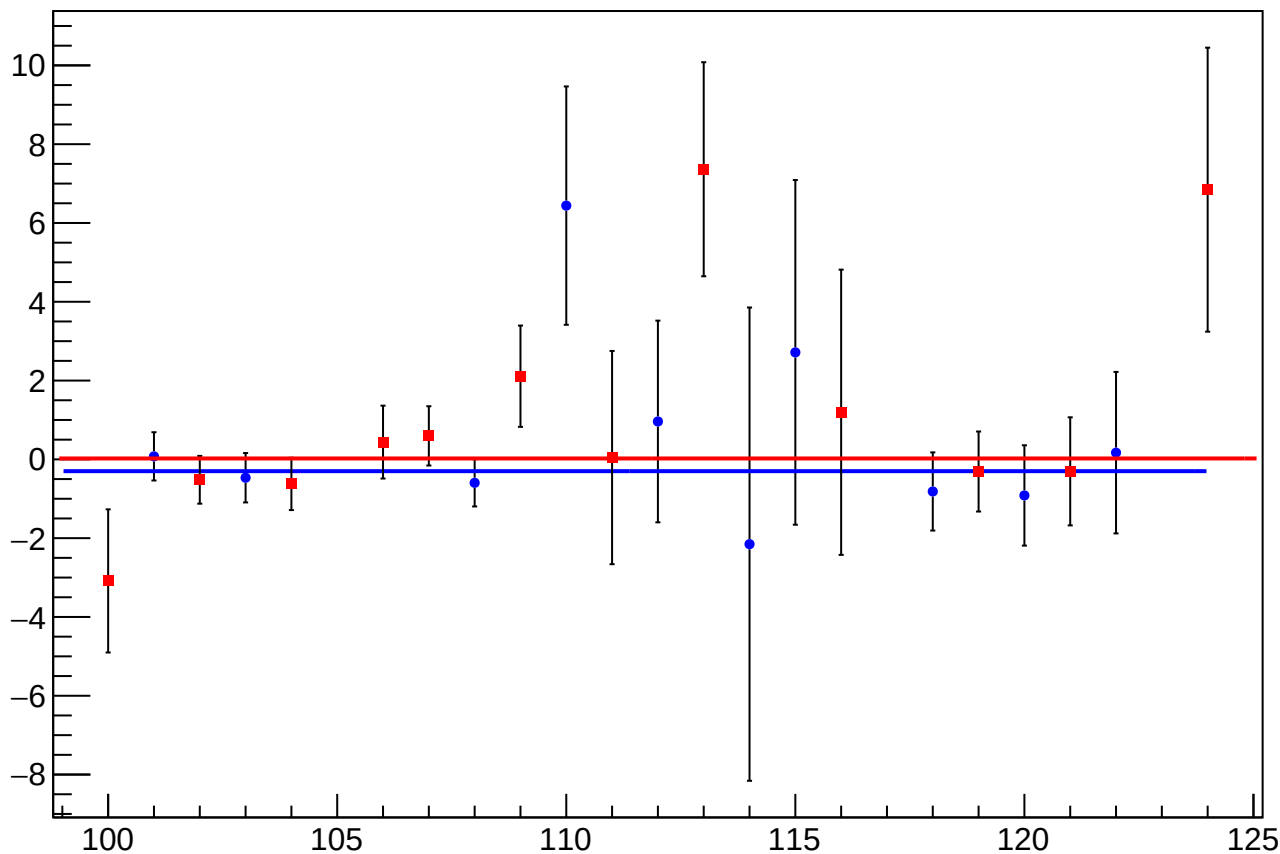
Right: 14155.132+/-3.401 χ^2/NDF : 206693.8/21

In: 14067.763+/-4.960 χ^2/NDF : 120751.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14155.132+/-3.401 χ^2/NDF : 206693.8/21

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.300 ± 0.313 $\chi^2/\text{NDF}: 7.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.023 ± 0.305 $\chi^2/\text{NDF}: 19.2/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

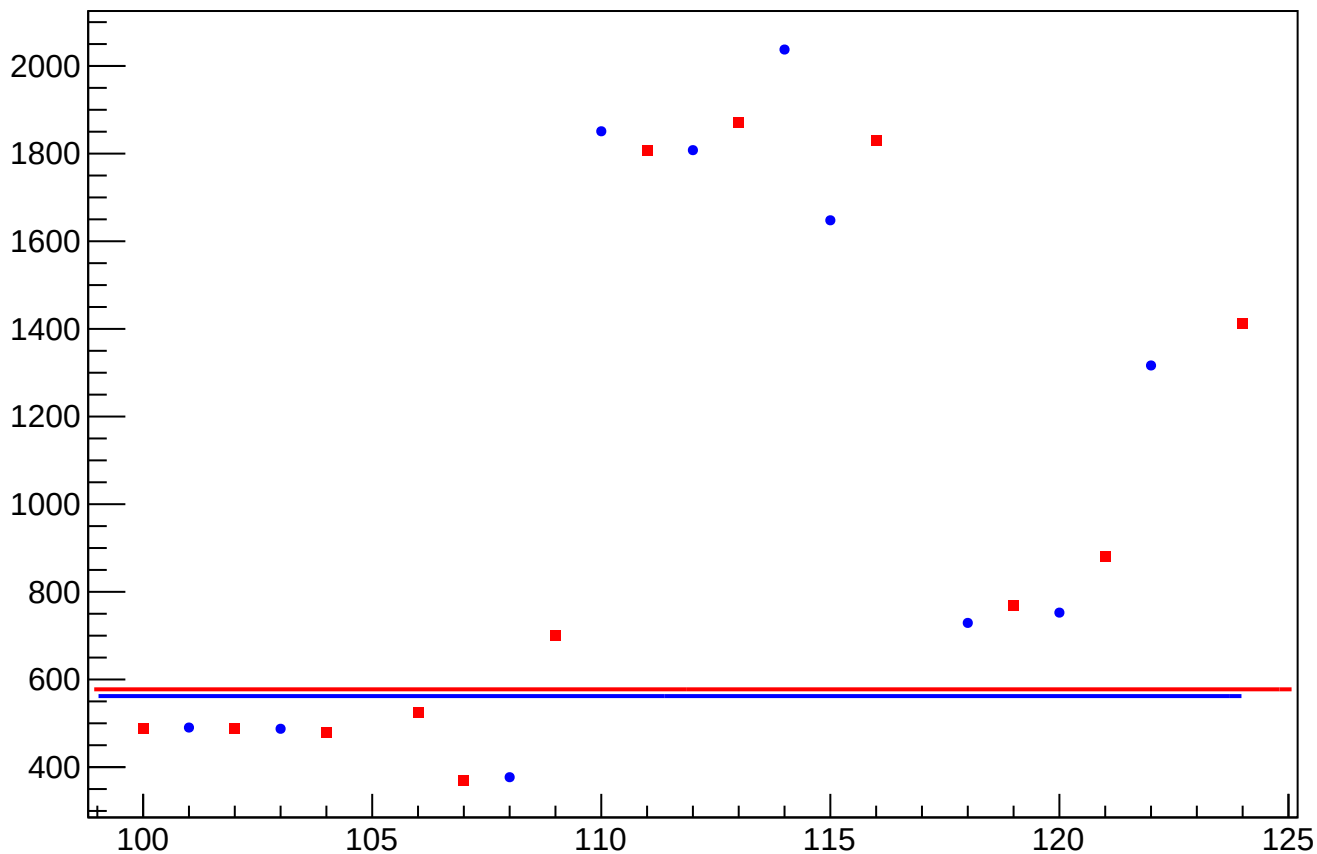
Right: -0.134 ± 0.218 $\chi^2/\text{NDF}: 26.8/21$

In: -0.300 ± 0.313 $\chi^2/\text{NDF}: 7.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.134 ± 0.218 $\chi^2/\text{NDF}: 26.8/21$

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 562.108+/-0.221 χ^2/NDF : 1699211.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 577.550+/-0.216 χ^2/NDF : 1651578.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

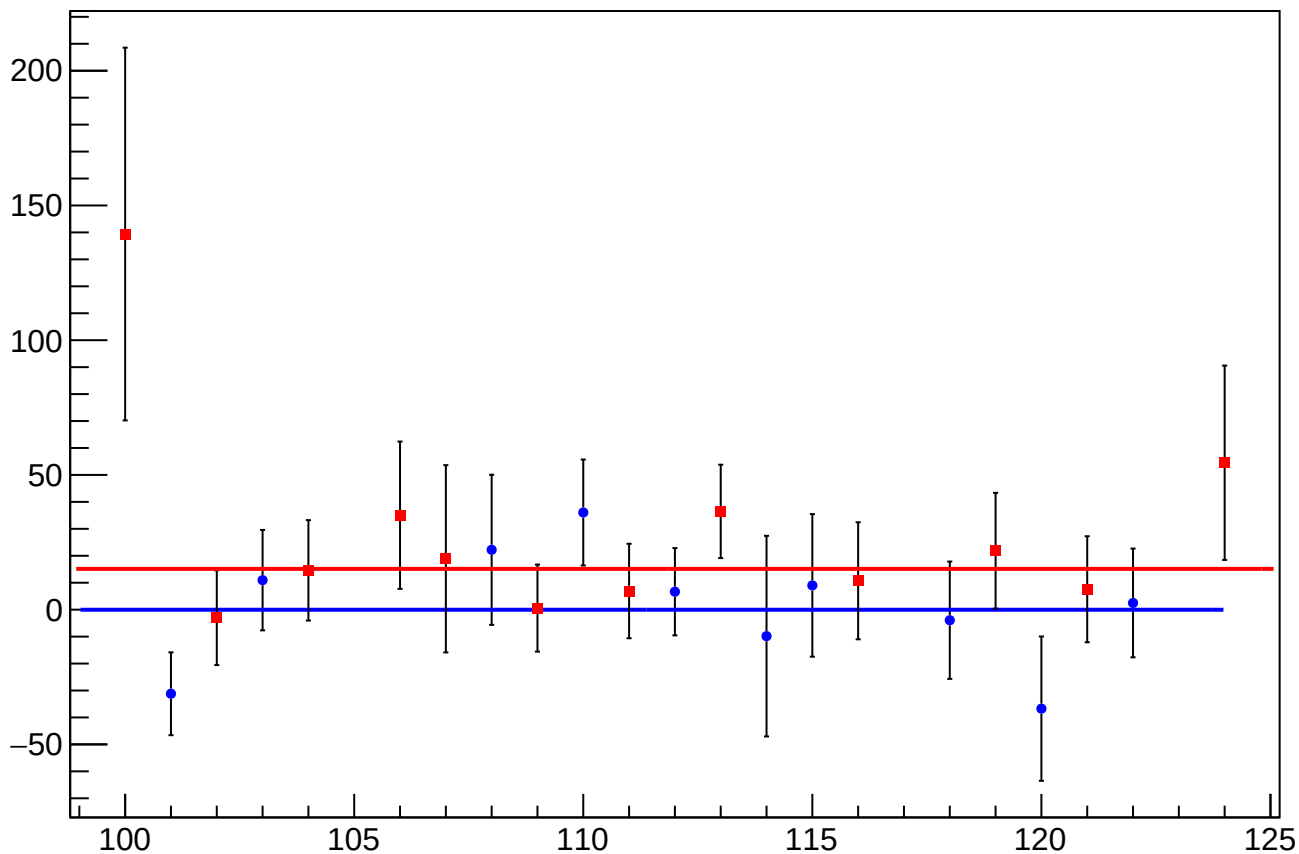
Right: 570.036+/-0.154 χ^2/NDF : 3353288.2/21

In: 562.108+/-0.221 χ^2/NDF :1699211.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 570.036+/-0.154 χ^2/NDF : 3353288.2/21

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -0.028 ± 6.607 χ^2/NDF : 10.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.139 ± 6.138 χ^2/NDF : 8.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

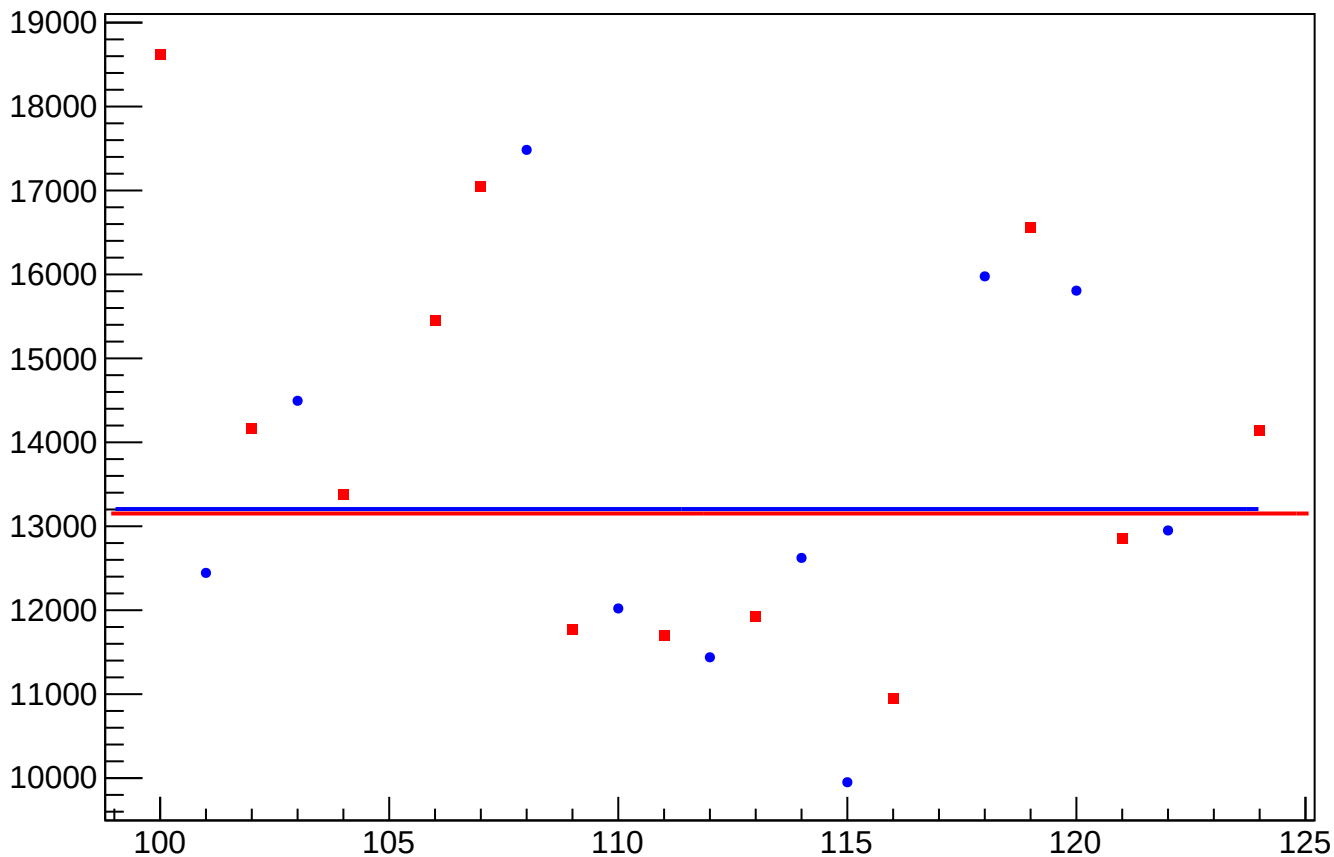
Right: 8.113 ± 4.497 χ^2/NDF : 22.4/21

In: -0.028 ± 6.607 χ^2/NDF : 10.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.113 ± 4.497 χ^2/NDF : 22.4/21

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13205.215+/-4.672 χ^2/NDF : 175069.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13152.064+/-4.340 χ^2/NDF : 169811.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

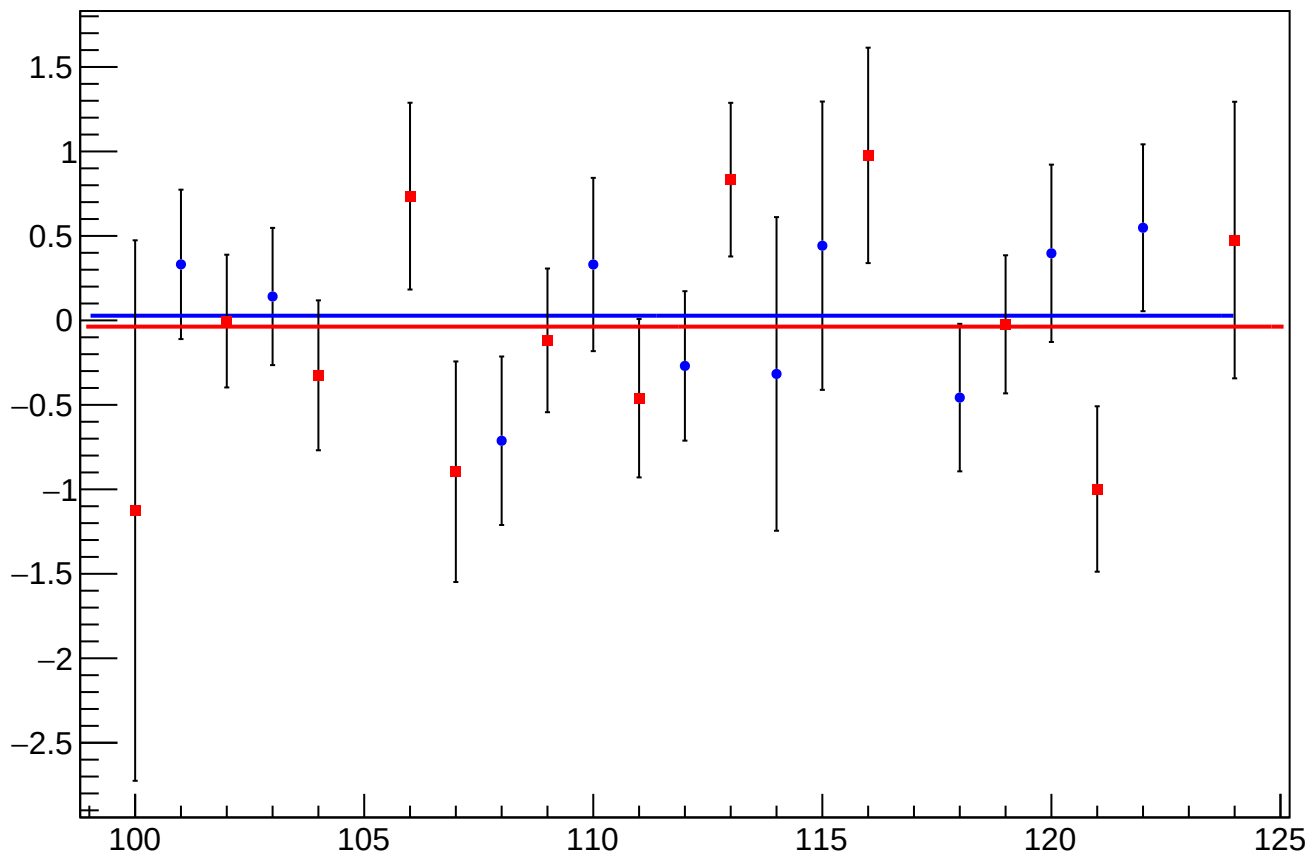
Right: 13176.685+/-3.180 χ^2/NDF : 344950.3/21

In: 13205.215+/-4.672 χ^2/NDF : 175069.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13176.685+/-3.180 χ^2/NDF : 344950.3/21

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.159 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.037+/-0.146 χ^2/NDF : 15.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

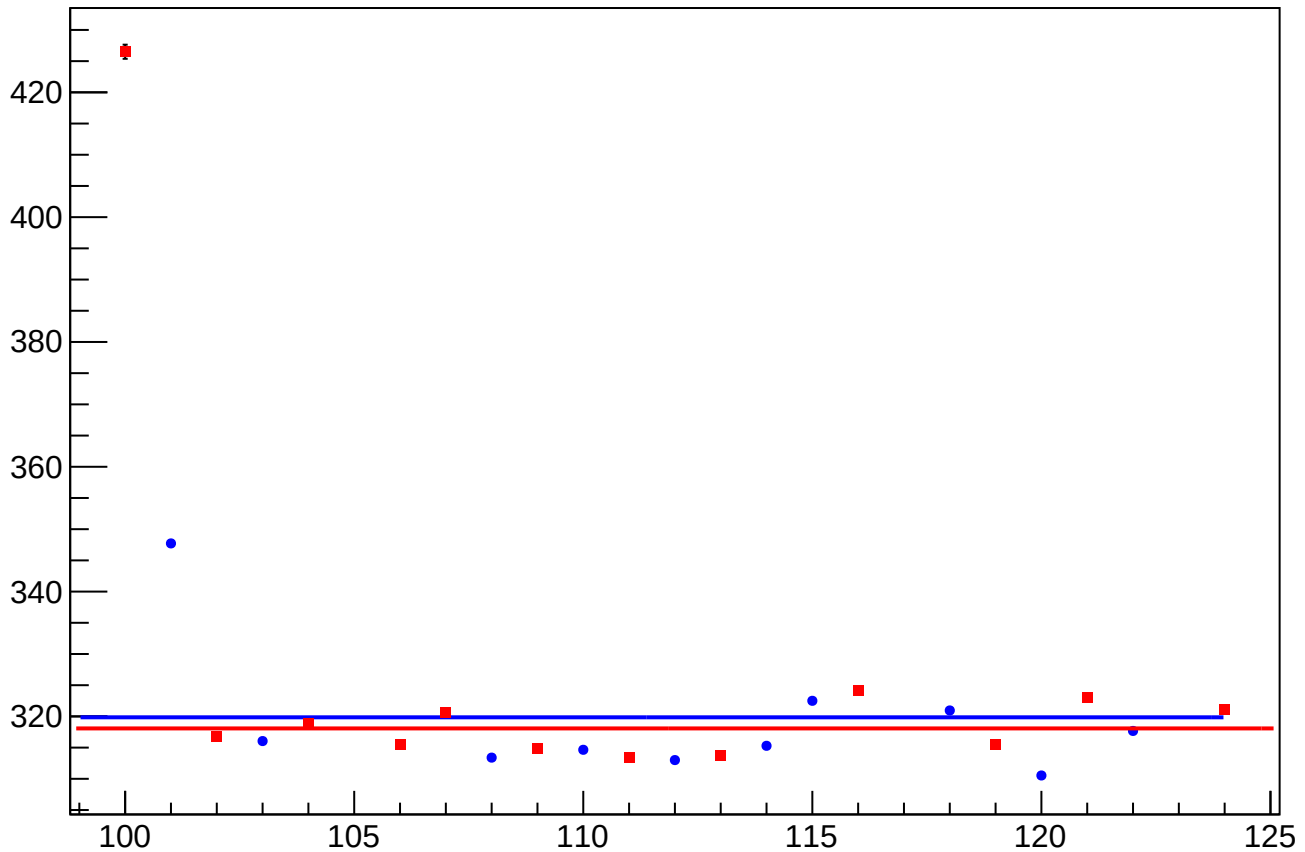
Right: -0.007+/-0.108 χ^2/NDF : 22.7/21

In: 0.028+/-0.159 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.108 χ^2/NDF : 22.7/21

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 319.855+/-0.112 χ^2/NDF : 9890.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 318.074+/-0.104 χ^2/NDF : 10277.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

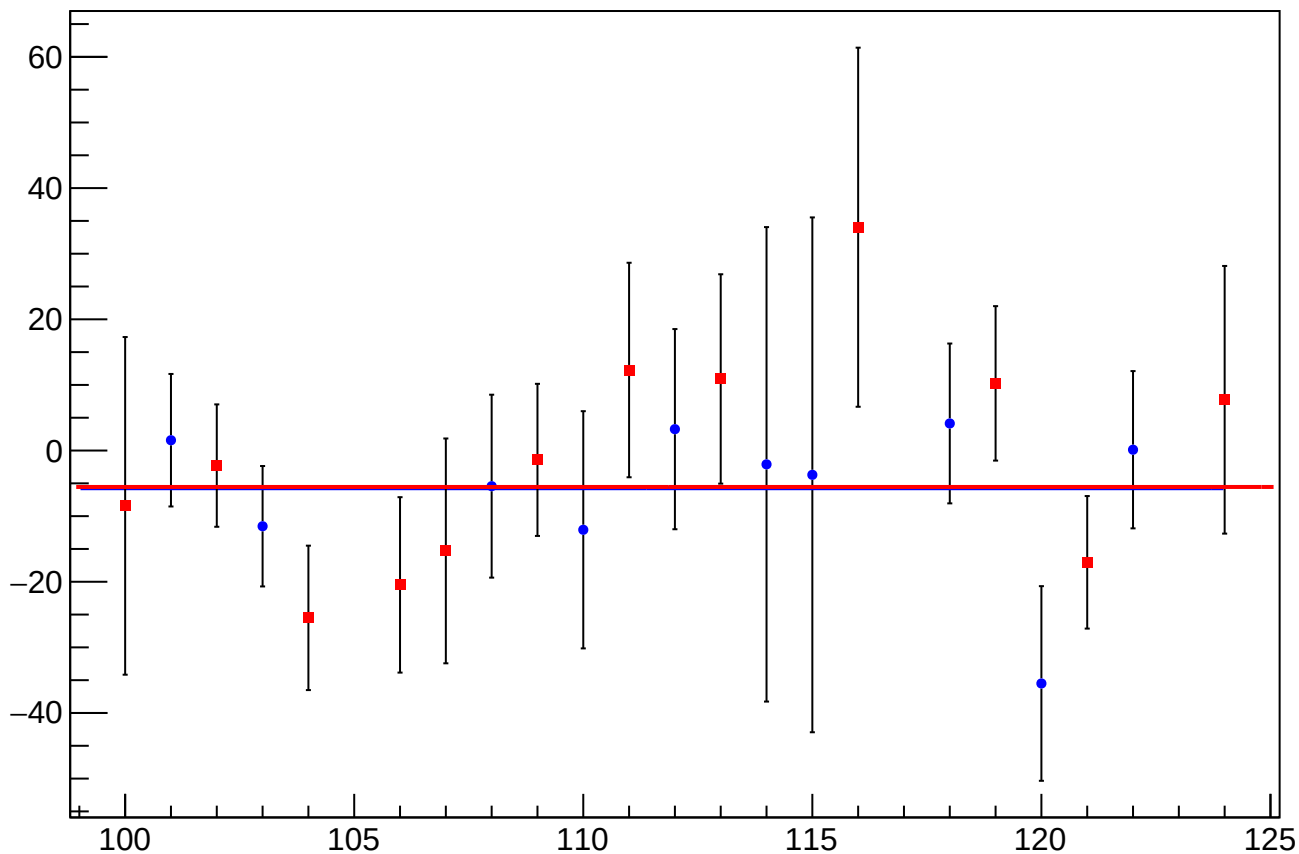
Right: 318.892+/-0.076 χ^2/NDF : 20303.8/21

In: 319.855+/-0.112 χ^2/NDF : 9890.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.892+/-0.076 χ^2/NDF : 20303.8/21

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -5.742+/-4.310 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.552+/-3.889 χ^2/NDF : 13.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

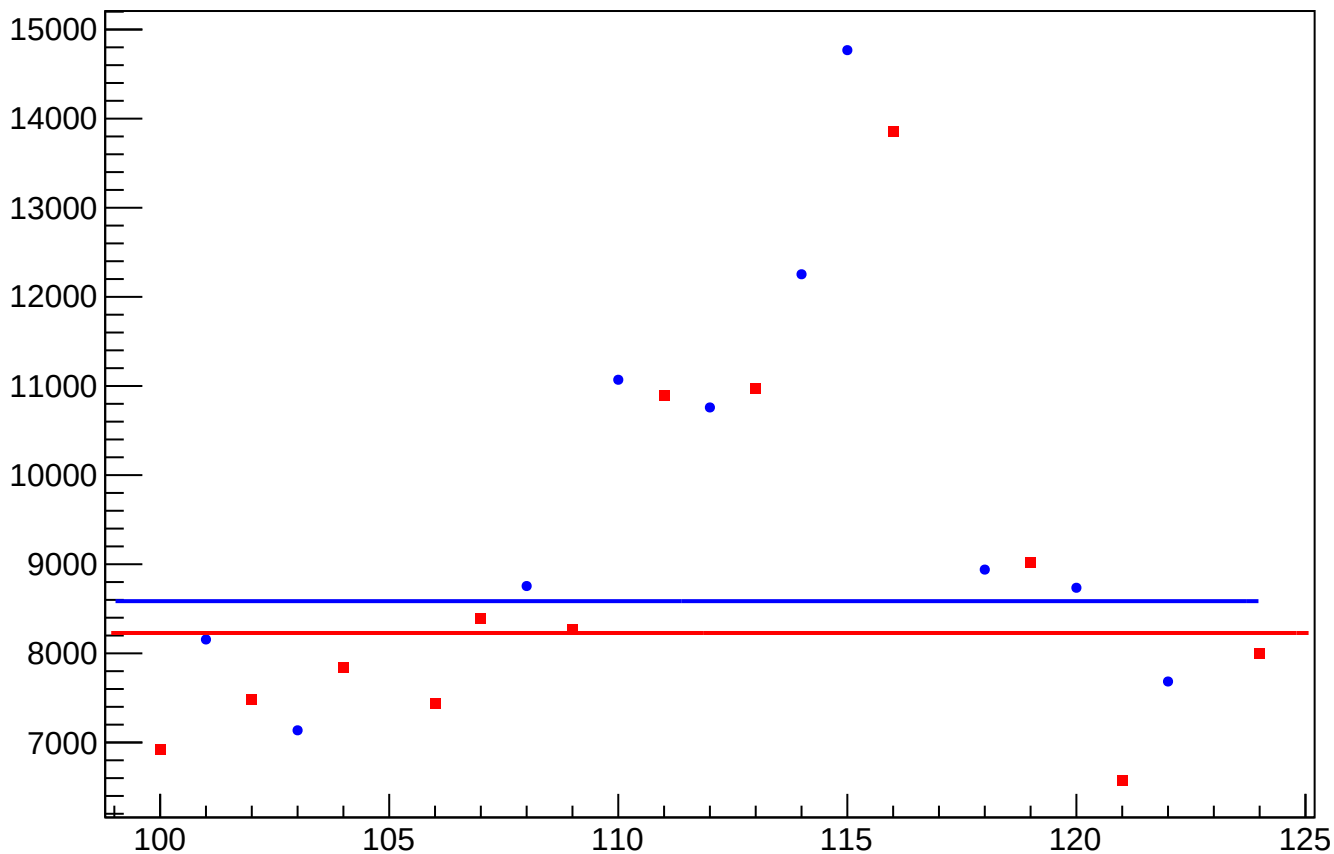
Right: -5.637+/-2.887 χ^2/NDF : 19.3/21

In: -5.742+/-4.310 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.637+/-2.887 χ^2/NDF : 19.3/21

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8585.826+/-3.047 χ^2/NDF : 215617.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8228.534+/-2.750 χ^2/NDF : 286839.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

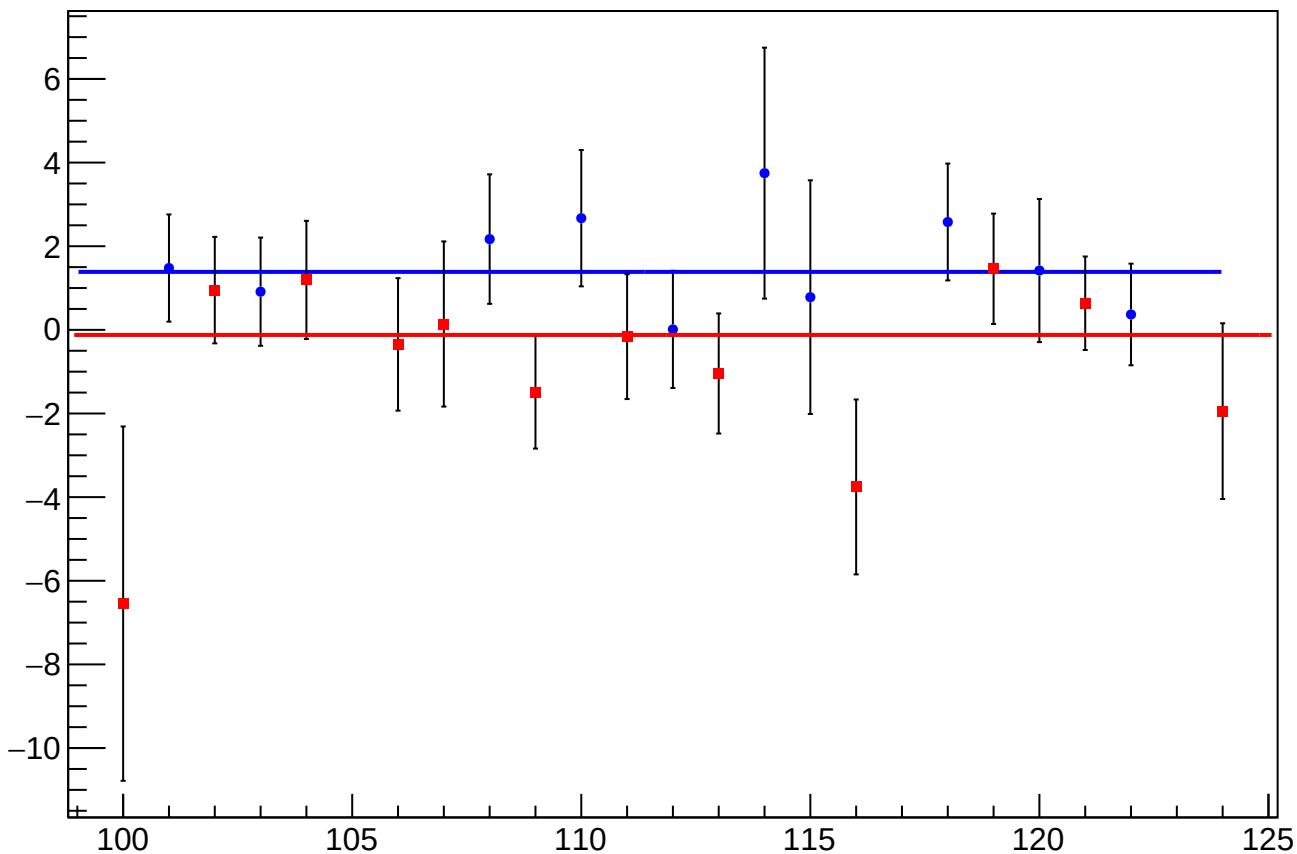
Right: 8388.881+/-2.041 χ^2/NDF : 510033.4/21

In: 8585.826+/-3.047 χ^2/NDF : 215617.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8388.881+/-2.041 χ^2/NDF : 510033.4/21

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.386 $\pm$ 0.483 χ^2 /NDF: 4.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.122 $\pm$ 0.441 χ^2 /NDF: 11.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

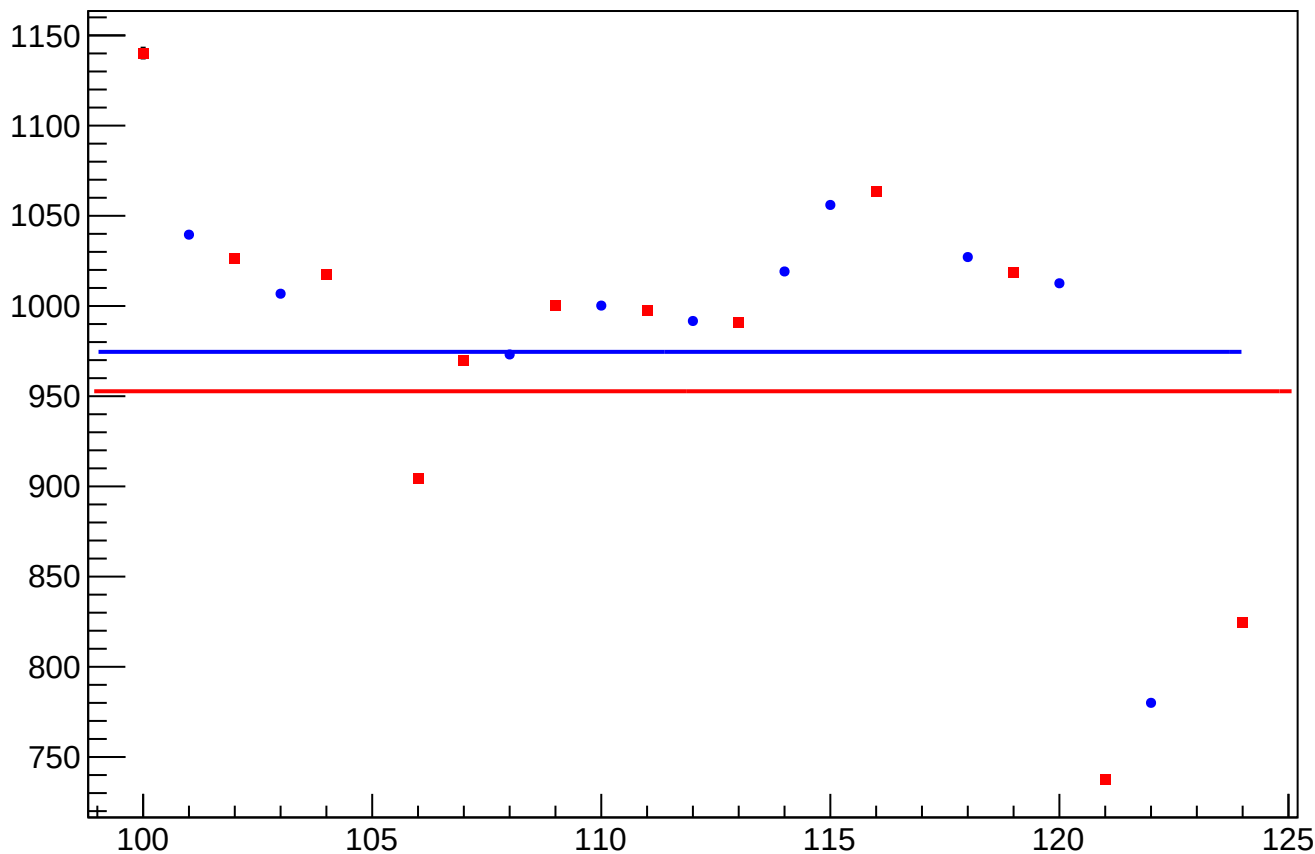
Right: 0.563 $\pm$ 0.326 χ^2 /NDF: 20.4/21

In: 1.386 $\pm$ 0.483 χ^2 /NDF:4.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.563 $\pm$ 0.326 χ^2 /NDF: 20.4/21

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 974.585 $\pm$ 0.342 χ^2 /NDF: 64424.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 952.740 $\pm$ 0.312 χ^2 /NDF: 114679.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

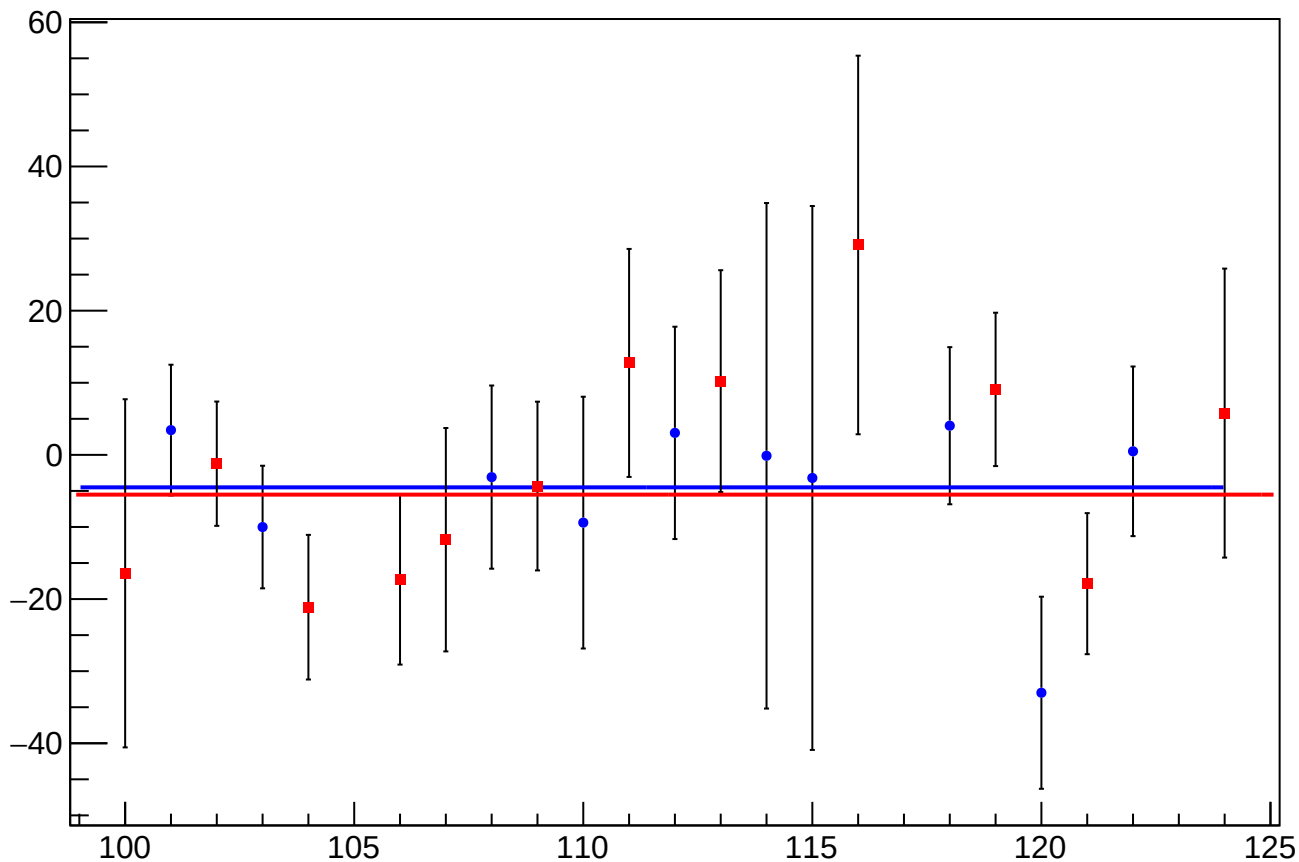
Right: 962.664 $\pm$ 0.230 χ^2 /NDF: 181332.5/21

In: 974.585 $\pm$ 0.342 χ^2 /NDF:64424.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 962.664 $\pm$ 0.230 χ^2 /NDF: 181332.5/21

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -4.503+/-3.988 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.513+/-3.646 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

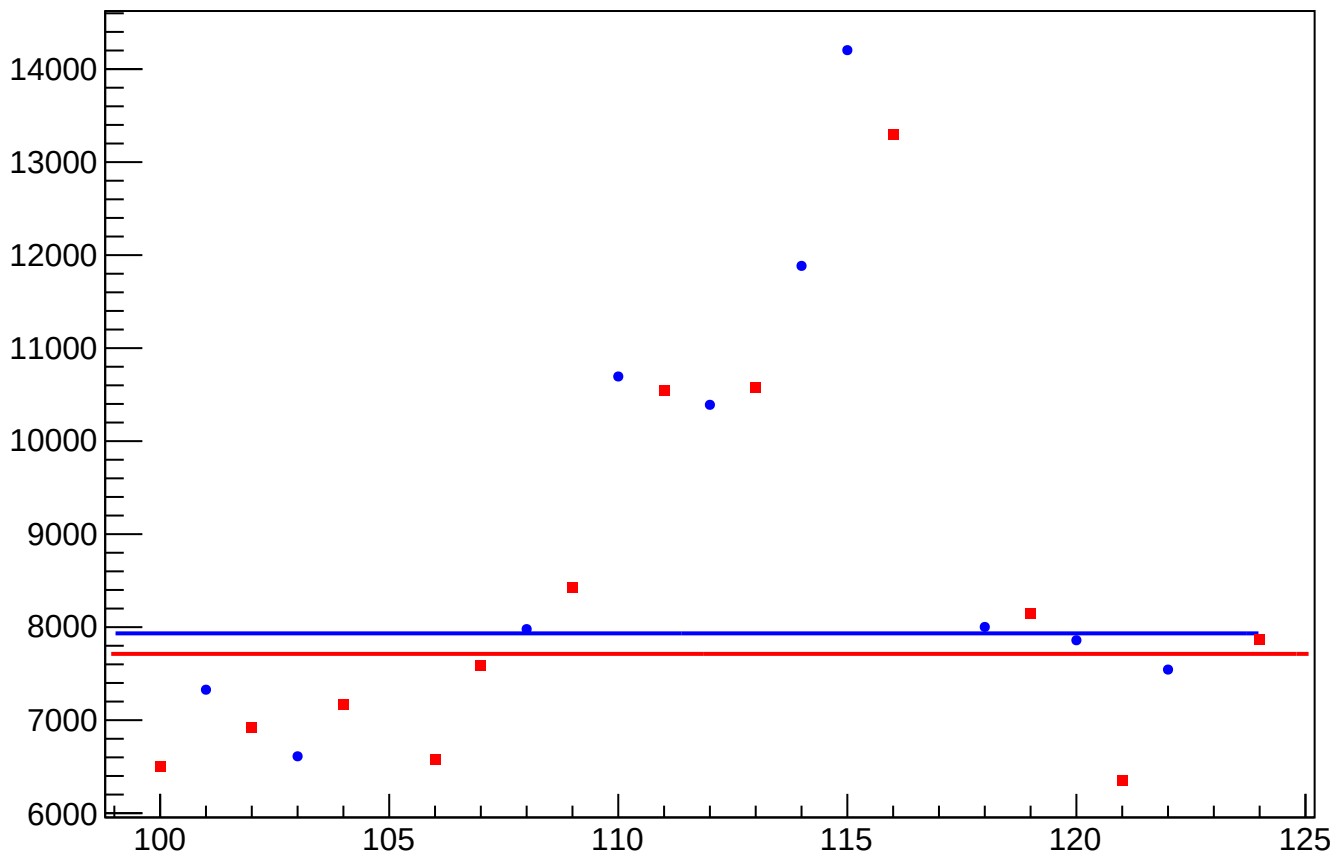
Right: -5.053+/-2.691 χ^2/NDF : 18.9/21

In: -4.503+/-3.988 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.053+/-2.691 χ^2/NDF : 18.9/21

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7933.241+/-2.820 χ^2/NDF : 246031.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7712.667+/-2.578 χ^2/NDF : 319762.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

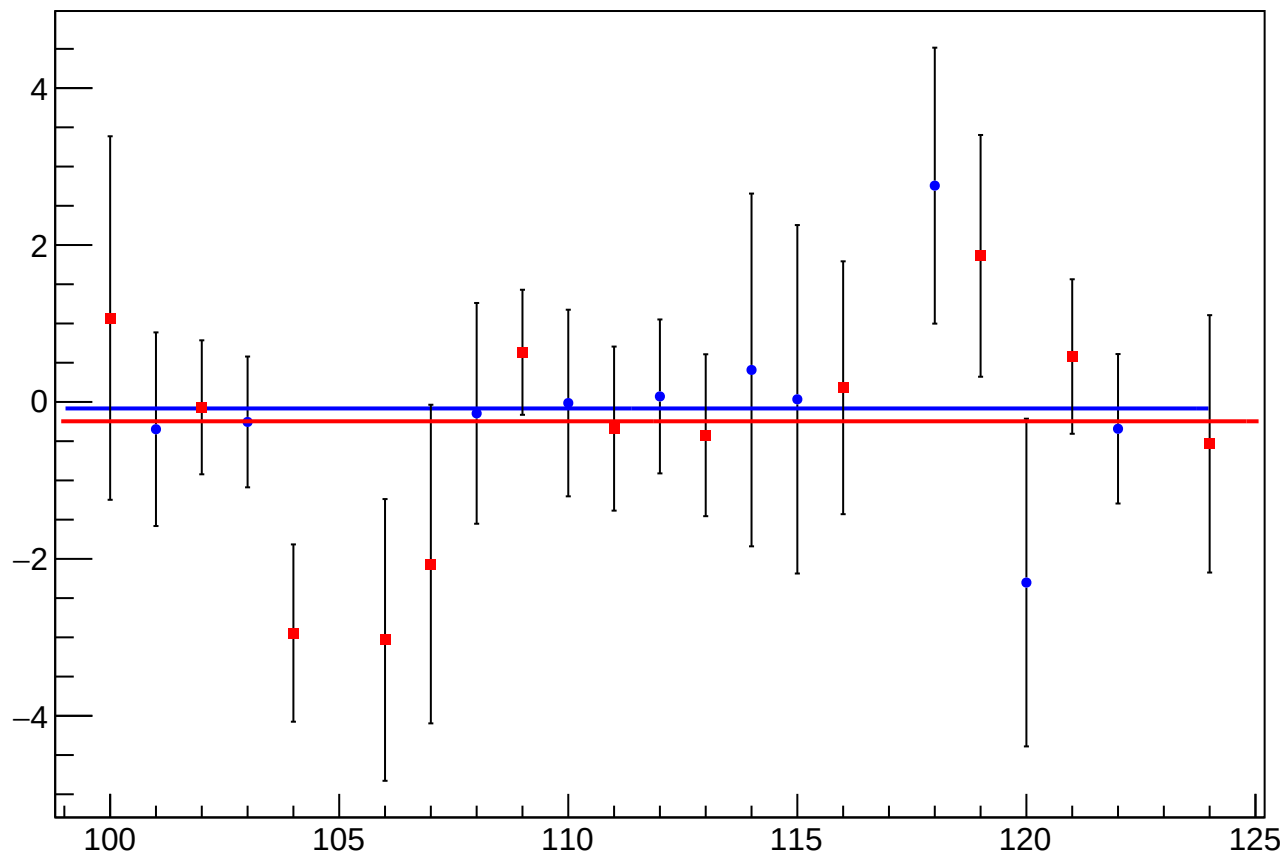
Right: 7813.109+/-1.903 χ^2/NDF : 569126.1/21

In: 7933.241+/-2.820 χ^2/NDF : 246031.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7813.109+/-1.903 χ^2/NDF : 569126.1/21

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.083 ± 0.395 χ^2/NDF : 4.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.246 ± 0.342 χ^2/NDF : 13.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

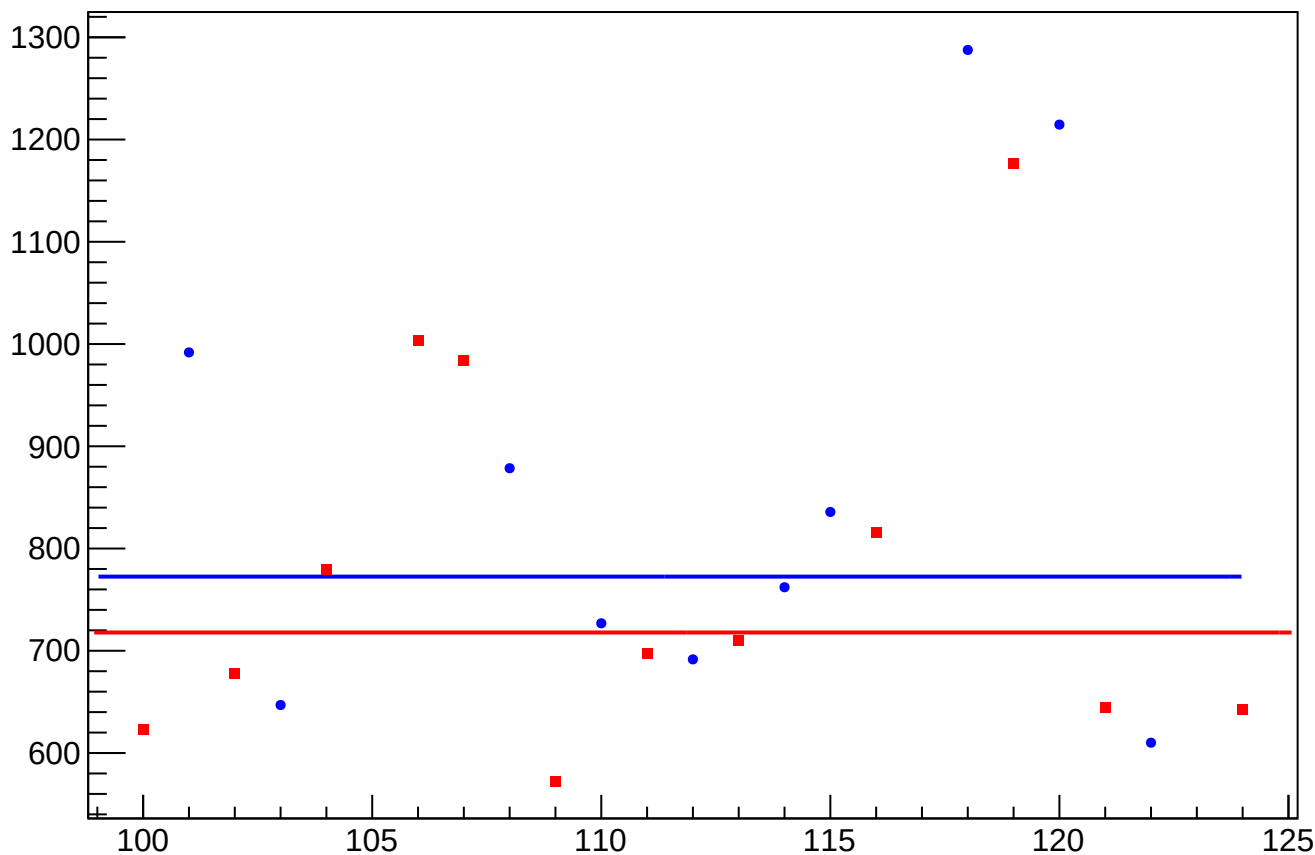
Right: -0.176 ± 0.259 χ^2/NDF : 17.3/21

In: -0.083 ± 0.395 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.176 ± 0.259 χ^2/NDF : 17.3/21

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 772.533+/-0.279 χ^2/NDF : 457593.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 717.873+/-0.242 χ^2/NDF : 365753.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

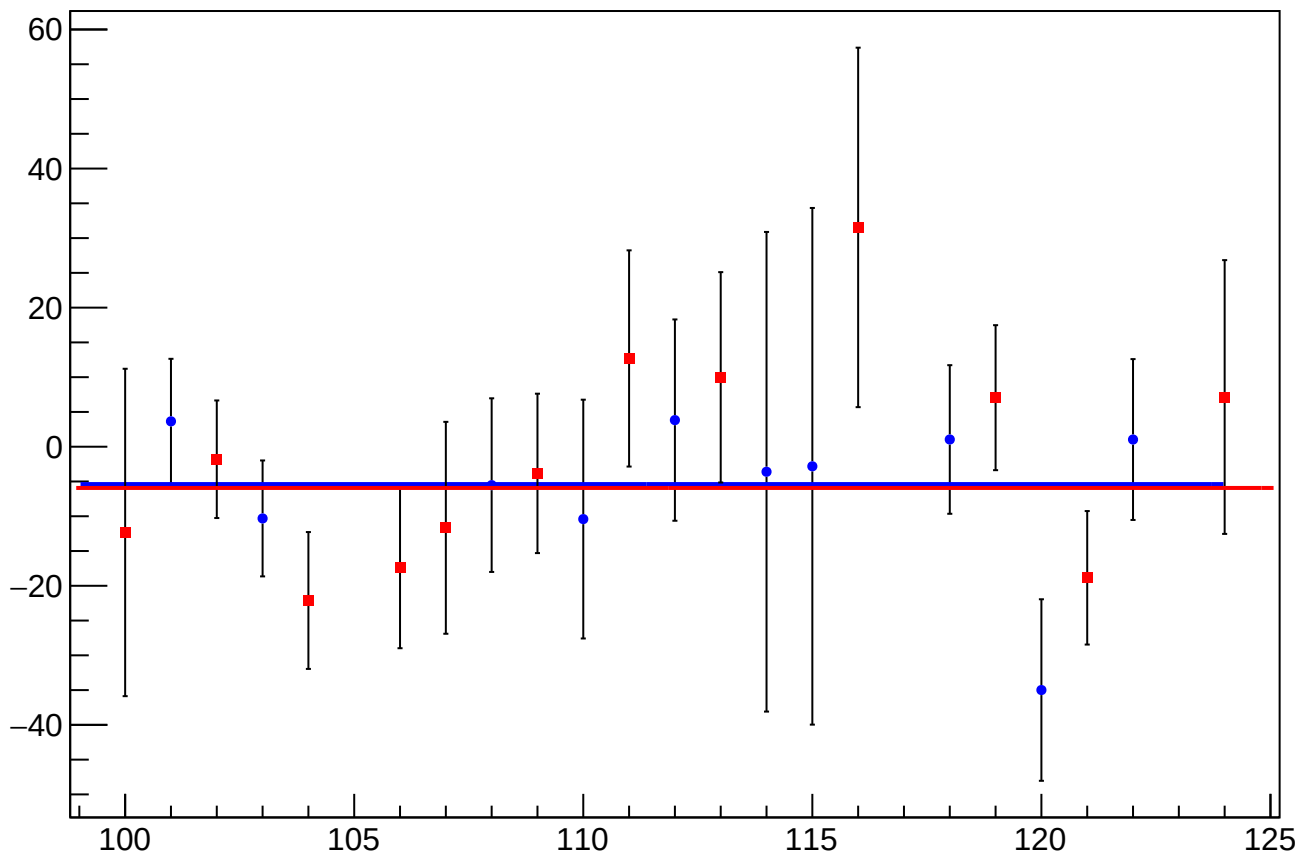
Right: 741.306+/-0.183 χ^2/NDF : 845208.6/21

In: 772.533+/-0.279 χ^2/NDF : 457593.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 741.306+/-0.183 χ^2/NDF : 845208.6/21

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.373+/-3.922 χ^2 /NDF: 7.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.930+/-3.577 χ^2 /NDF: 12.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

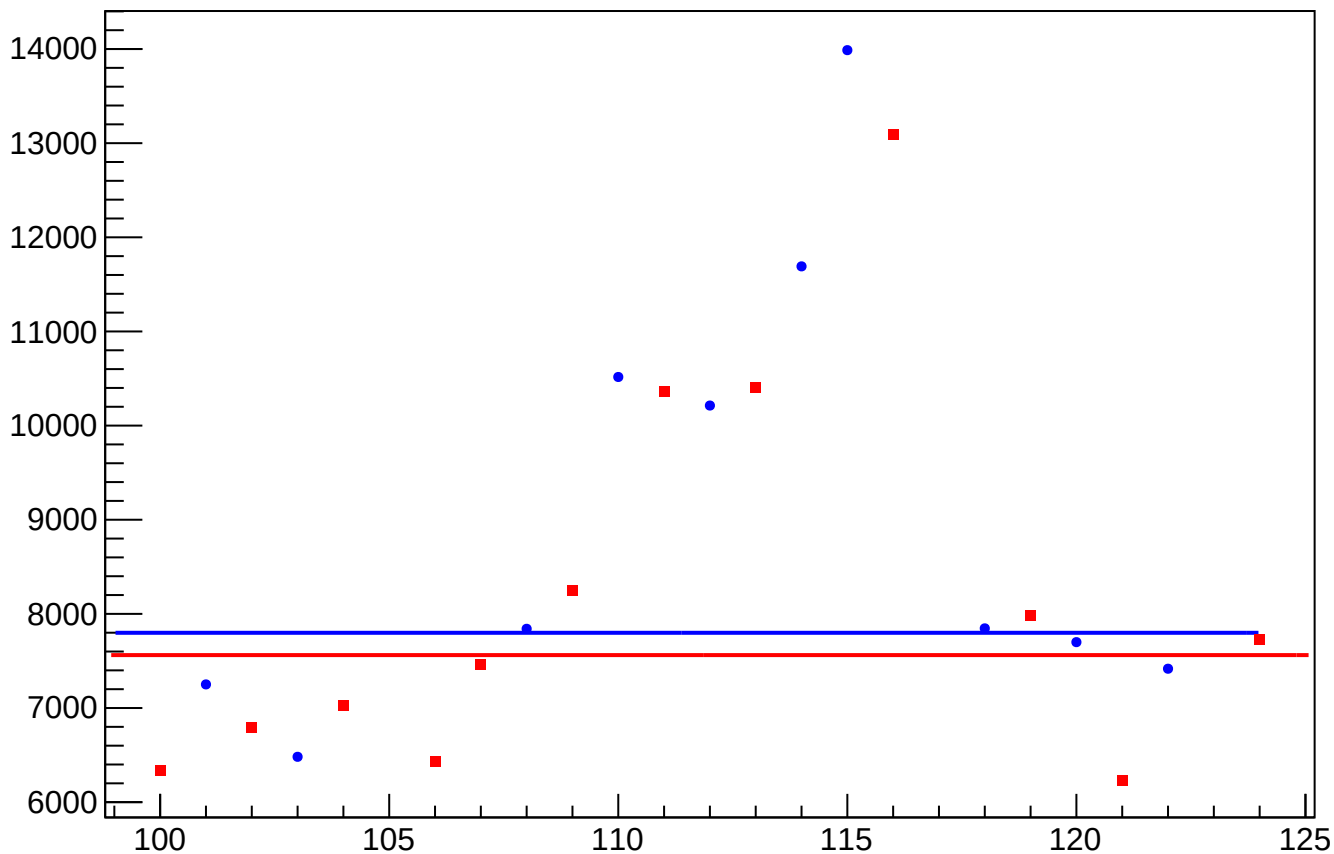
Right: -5.677+/-2.643 χ^2 /NDF: 20.3/21

In: -5.373+/-3.922 χ^2 /NDF:7.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.677+/-2.643 χ^2 /NDF: 20.3/21

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7799.099+/-2.773 χ^2/NDF : 246443.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7562.150+/-2.529 χ^2/NDF : 322780.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

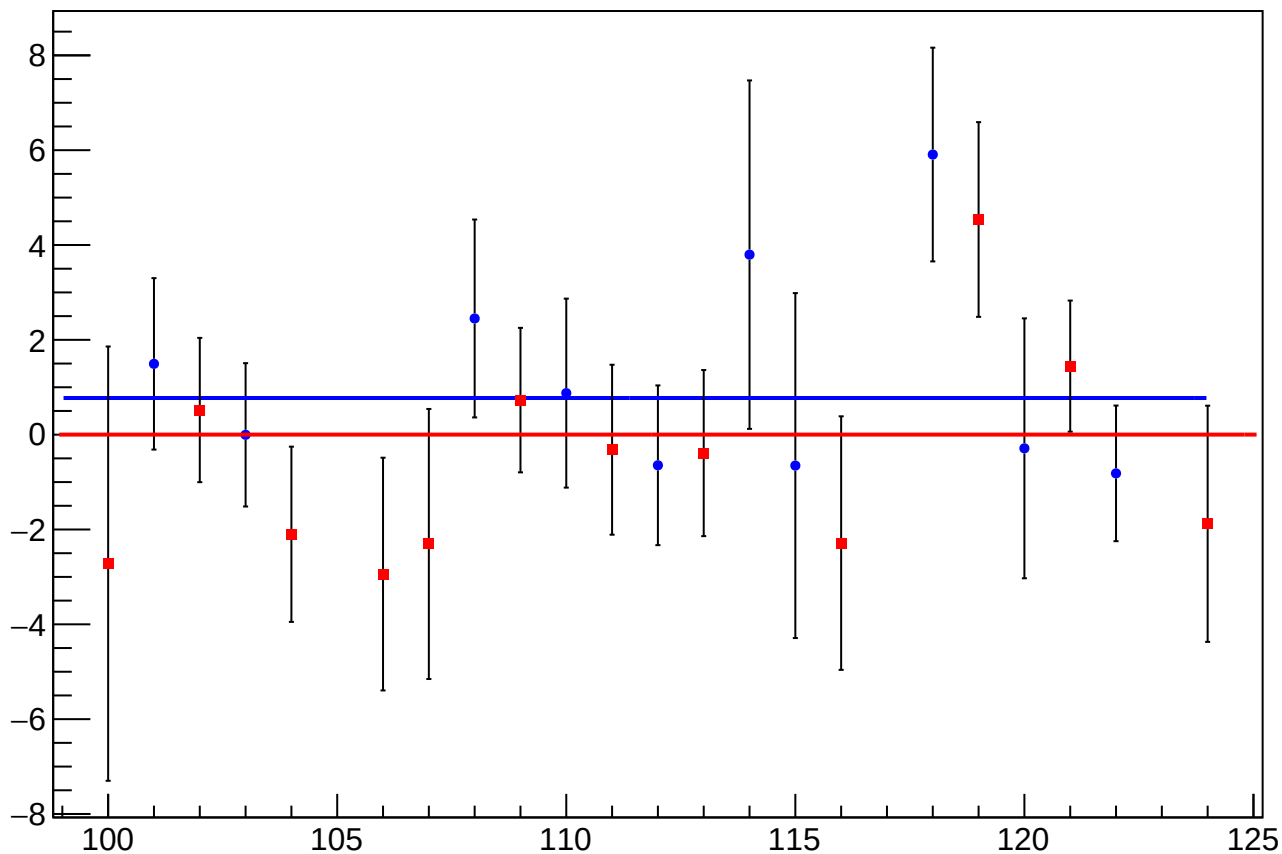
Right: 7669.744+/-1.869 χ^2/NDF : 573208.7/21

In: 7799.099+/-2.773 χ^2/NDF : 246443.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7669.744+/-1.869 χ^2/NDF : 573208.7/21

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.773+/-0.627 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.560 χ^2/NDF : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

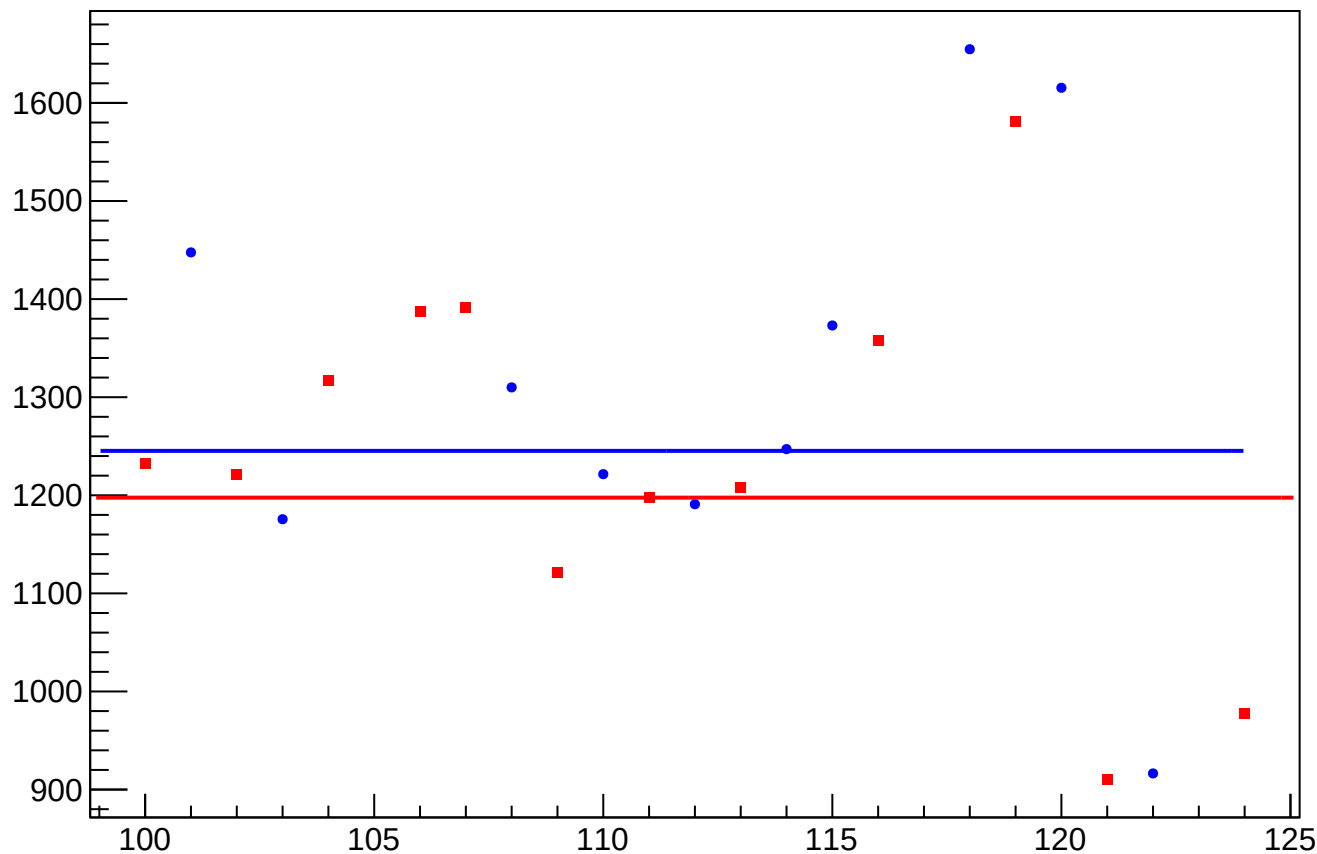
Right: 0.344+/-0.418 χ^2/NDF : 21.5/21

In: 0.773+/-0.627 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.344+/-0.418 χ^2/NDF : 21.5/21

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1245.285+/-0.443 χ^2/NDF : 244267.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1197.594+/-0.396 χ^2/NDF : 214528.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

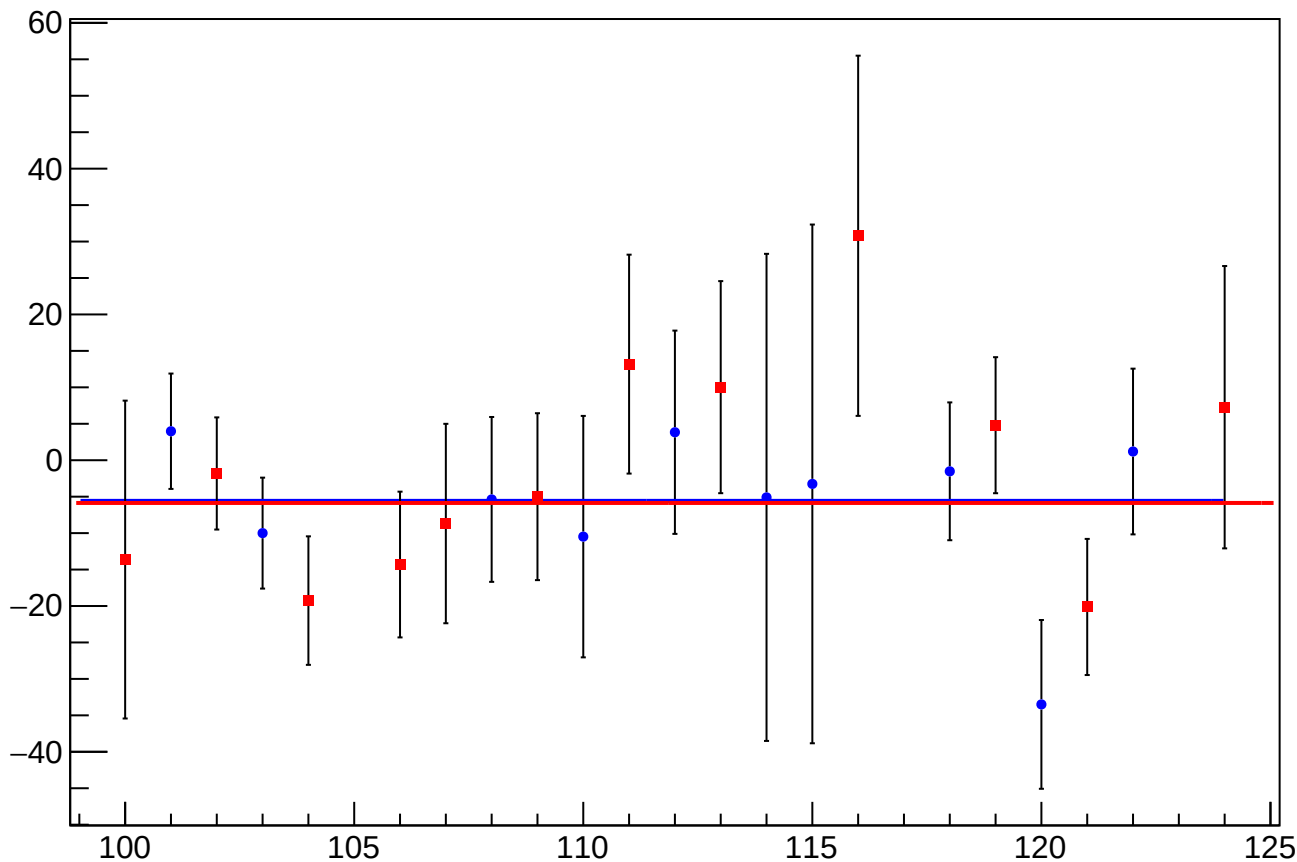
Right: 1218.758+/-0.295 χ^2/NDF : 465237.3/21

In: 1245.285+/-0.443 χ^2/NDF : 244267.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.758+/-0.295 χ^2/NDF : 465237.3/21

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.576+/-3.583 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.861+/-3.310 χ^2/NDF : 12.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

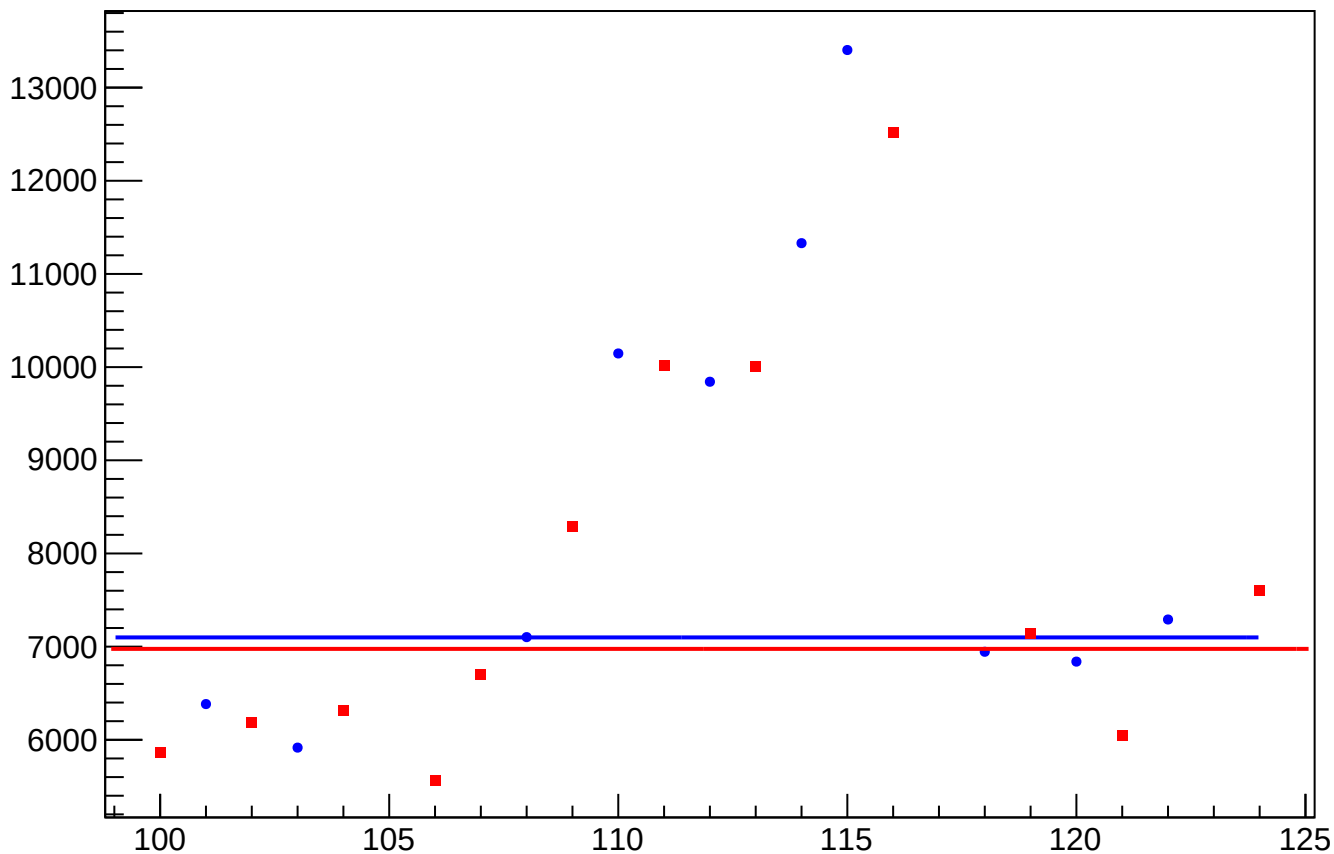
Right: -5.730+/-2.431 χ^2/NDF : 21.3/21

In: -5.576+/-3.583 χ^2/NDF :8.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.730+/-2.431 χ^2/NDF : 21.3/21

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7099.090+/-2.533 χ^2/NDF : 306784.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6976.042+/-2.341 χ^2/NDF : 396198.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

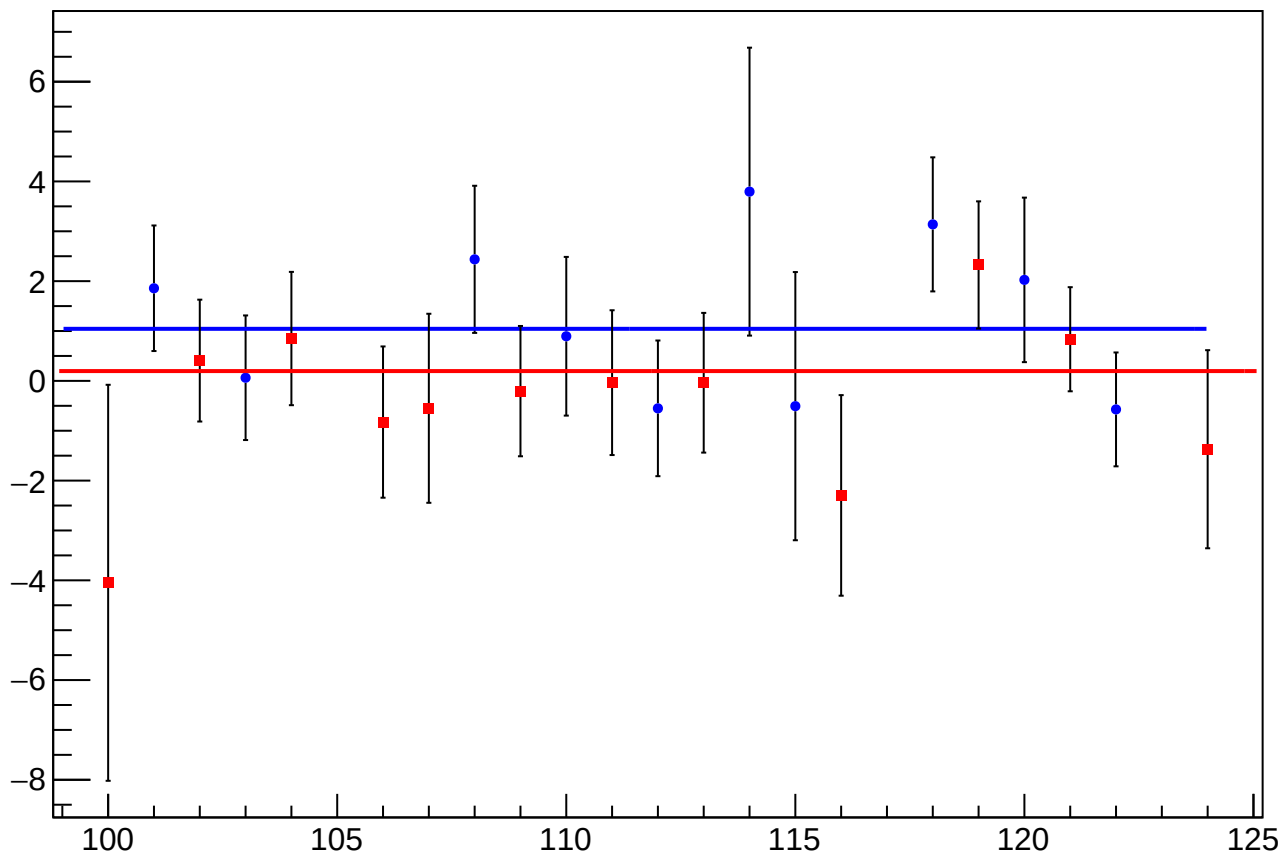
Right: 7032.713+/-1.719 χ^2/NDF : 704255.6/21

In: 7099.090+/-2.533 χ^2/NDF :306784.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7032.713+/-1.719 χ^2/NDF : 704255.6/21

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.044 $\pm$ 0.466 χ^2 /NDF: 9.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.197 $\pm$ 0.422 χ^2 /NDF: 7.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

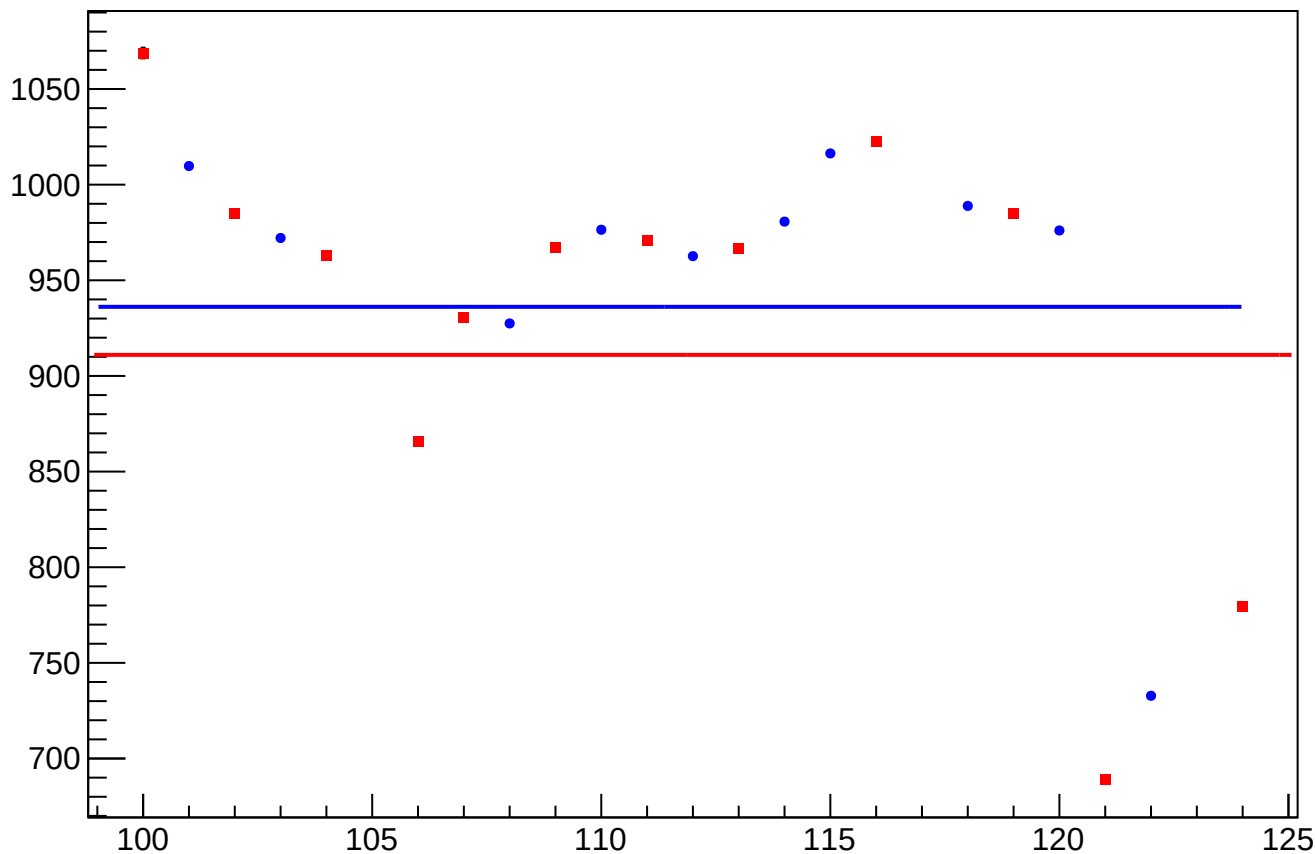
Right: 0.579 $\pm$ 0.313 χ^2 /NDF: 18.6/21

In: 1.044 $\pm$ 0.466 χ^2 /NDF:9.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.579 $\pm$ 0.313 χ^2 /NDF: 18.6/21

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 936.138+/-0.329 χ^2/NDF : 80548.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 911.011+/-0.299 χ^2/NDF : 137761.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

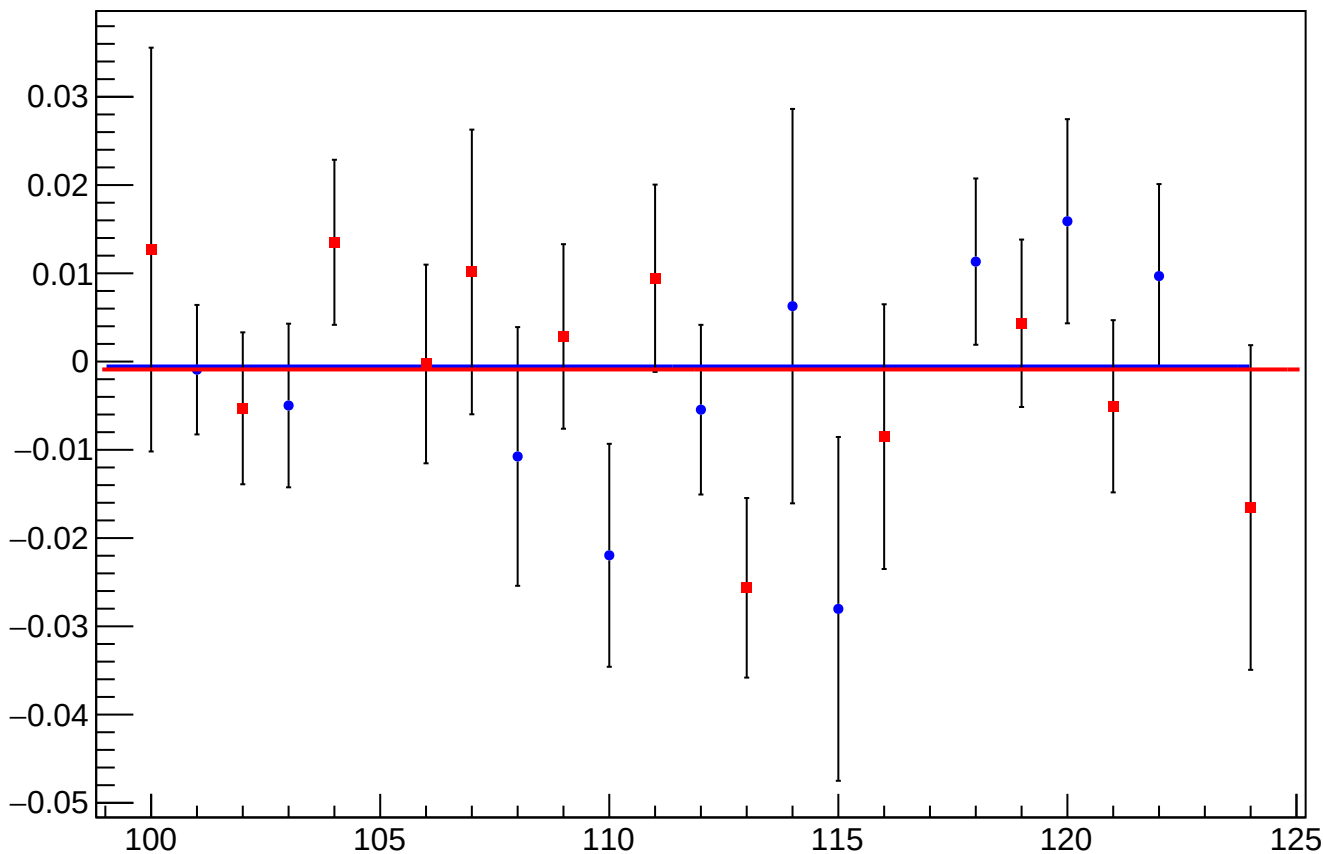
Right: 922.350+/-0.221 χ^2/NDF : 221505.7/21

In: 936.138+/-0.329 χ^2/NDF : 80548.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 922.350+/-0.221 χ^2/NDF : 221505.7/21

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.003 χ^2 /NDF: 10.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.003 χ^2 /NDF: 11.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

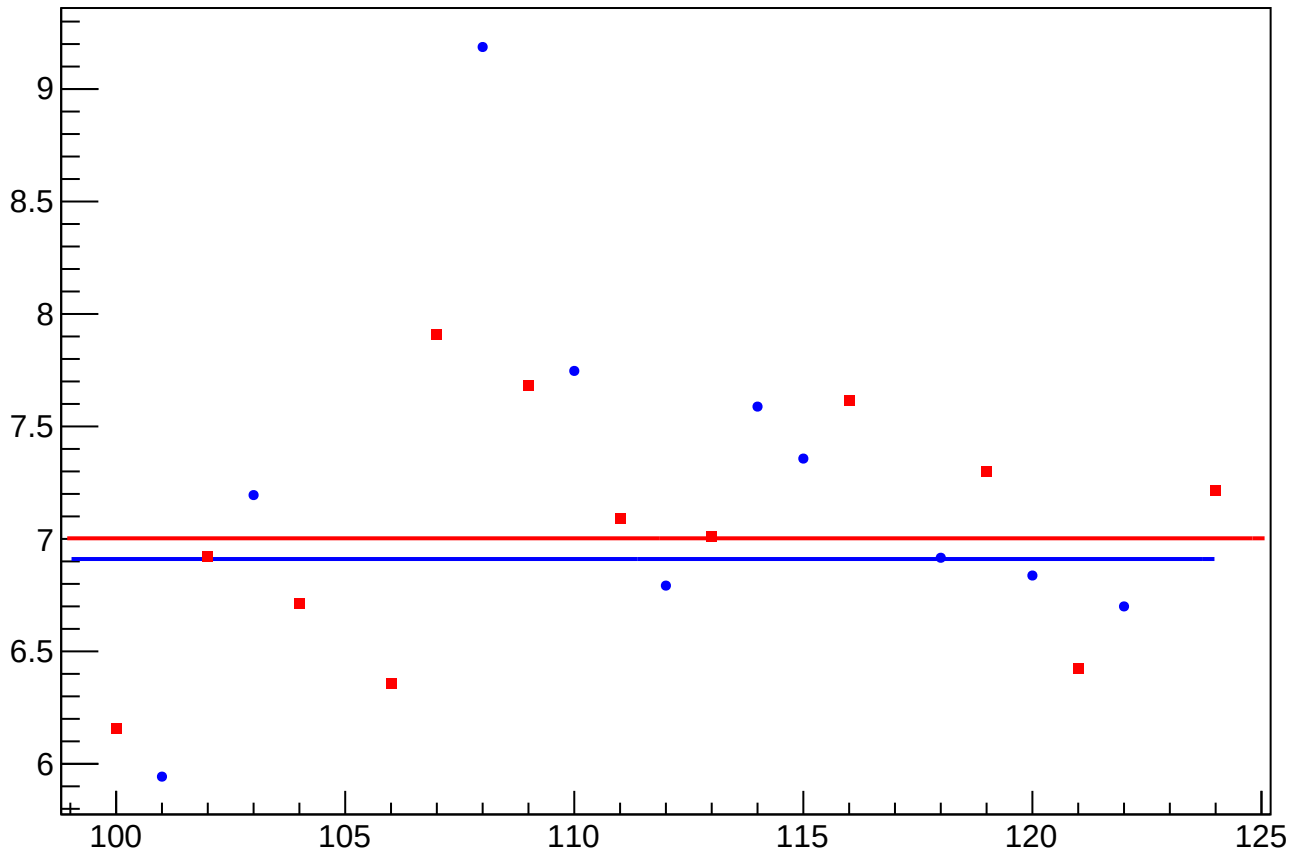
Right: -0.001 $\pm$ 0.002 χ^2 /NDF: 22.4/21

In: -0.001 $\pm$ 0.003 χ^2 /NDF:10.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.002 χ^2 /NDF: 22.4/21

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.911+/-0.002 χ^2/NDF : 97755.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.003+/-0.002 χ^2/NDF : 38849.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

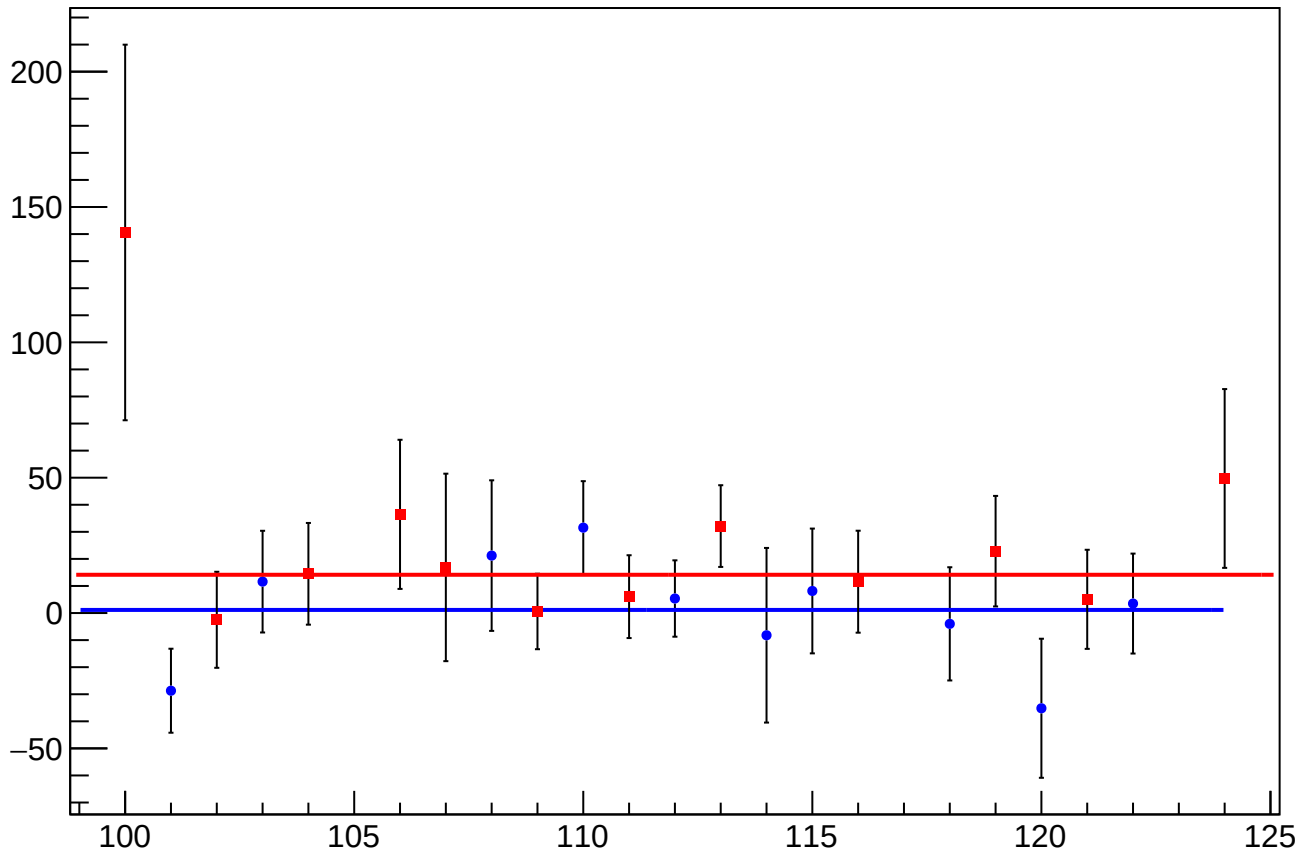
Right: 6.959+/-0.002 χ^2/NDF : 137363.9/21

In: 6.911+/-0.002 χ^2/NDF : 97755.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.959+/-0.002 χ^2/NDF : 137363.9/21

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 1.148+/-6.169 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.137+/-5.652 χ^2/NDF : 9.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

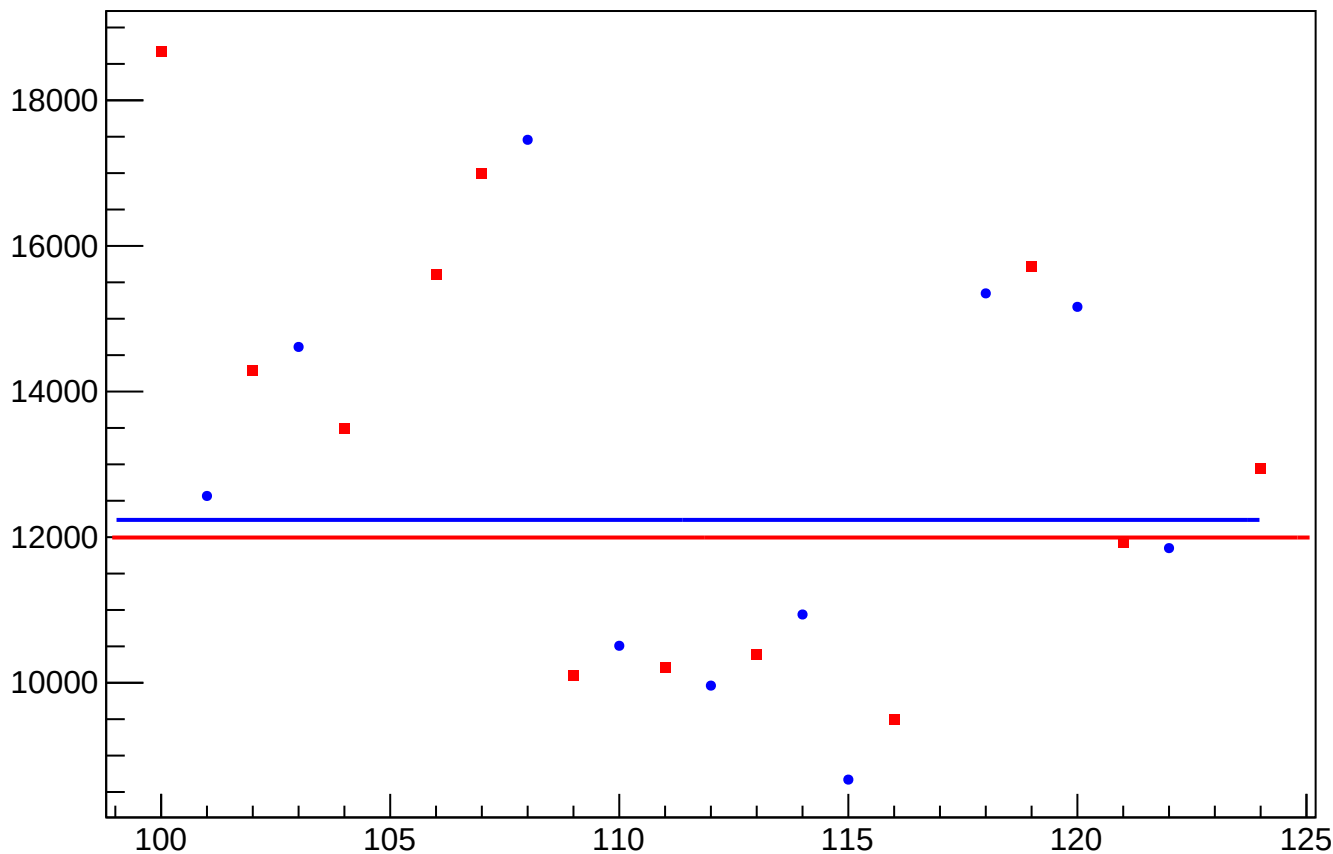
Right: 8.210+/-4.168 χ^2/NDF : 21.5/21

In: 1.148+/-6.169 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.210+/-4.168 χ^2/NDF : 21.5/21

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12237.205+/-4.362 χ^2/NDF : 297916.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11995.238+/-3.997 χ^2/NDF : 330447.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

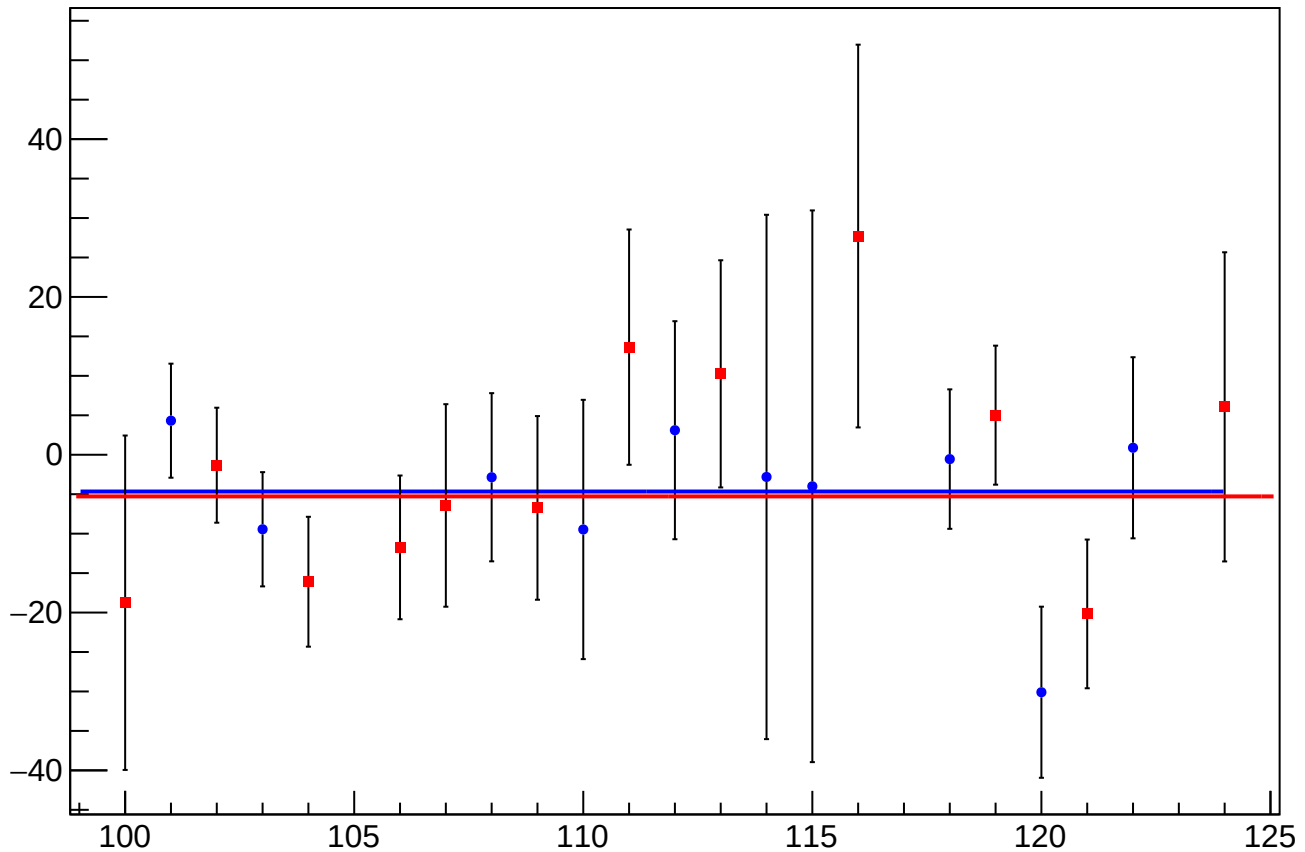
Right: 12105.656+/-2.947 χ^2/NDF : 630036.9/21

In: 12237.205+/-4.362 χ^2/NDF : 297916.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12105.656+/-2.947 χ^2/NDF : 630036.9/21

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -4.660+/-3.398 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.280+/-3.177 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

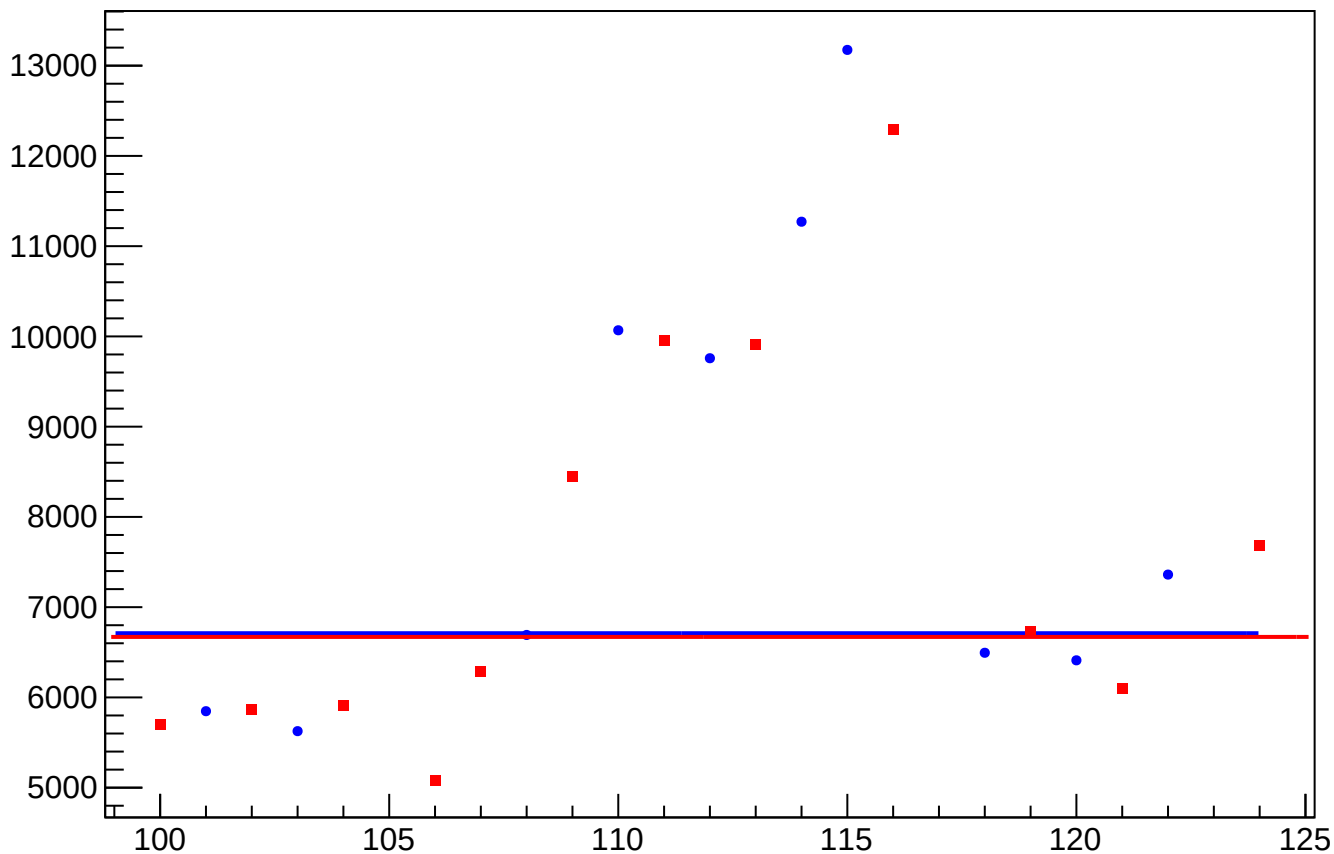
Right: -4.991+/-2.321 χ^2/NDF : 20.2/21

In: -4.660+/-3.398 χ^2/NDF :8.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.991+/-2.321 χ^2/NDF : 20.2/21

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 6711.435+/-2.403 χ^2/NDF : 369398.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6670.385+/-2.246 χ^2/NDF : 473344.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

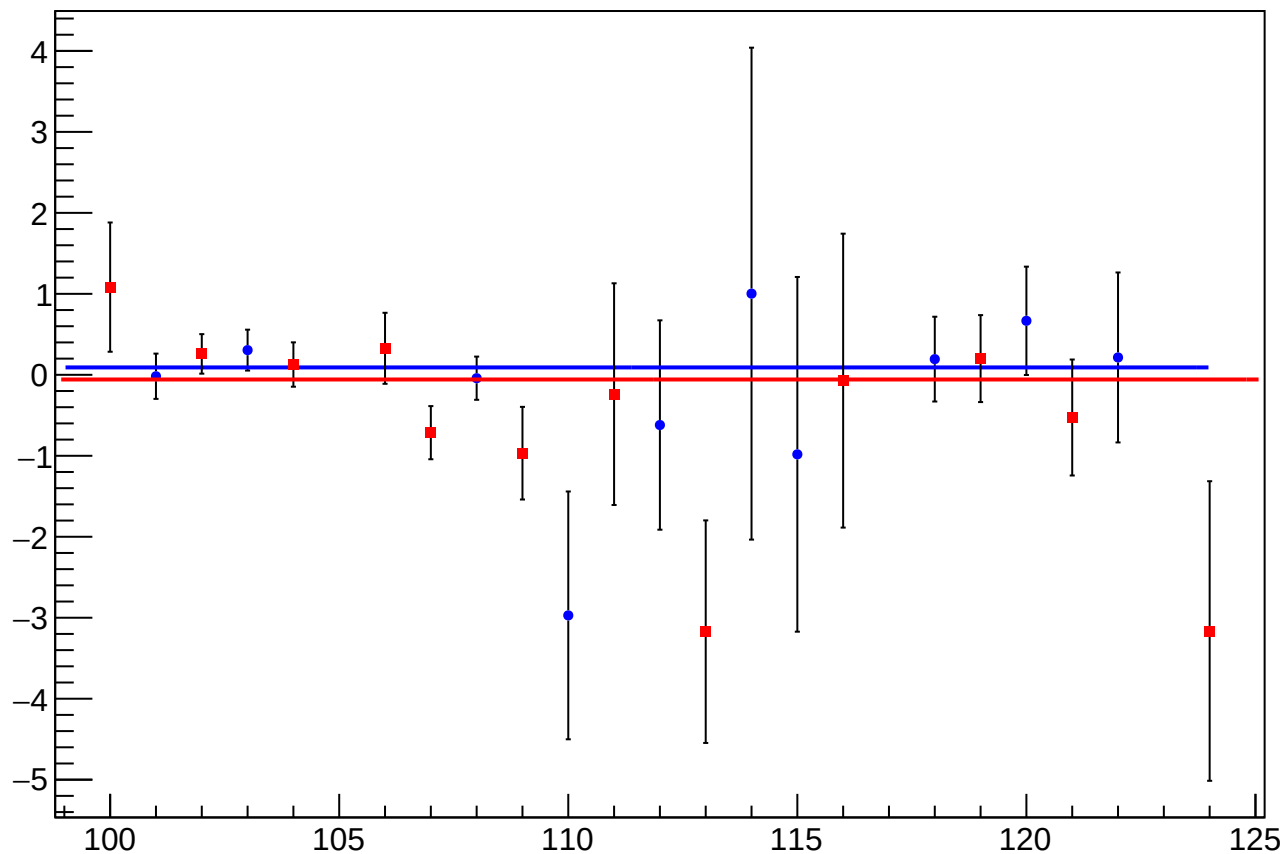
Right: 6689.528+/-1.641 χ^2/NDF : 842898.1/21

In: 6711.435+/-2.403 χ^2/NDF : 369398.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6689.528+/-1.641 χ^2/NDF : 842898.1/21

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.091+/-0.140 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.058+/-0.133 χ^2/NDF : 20.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

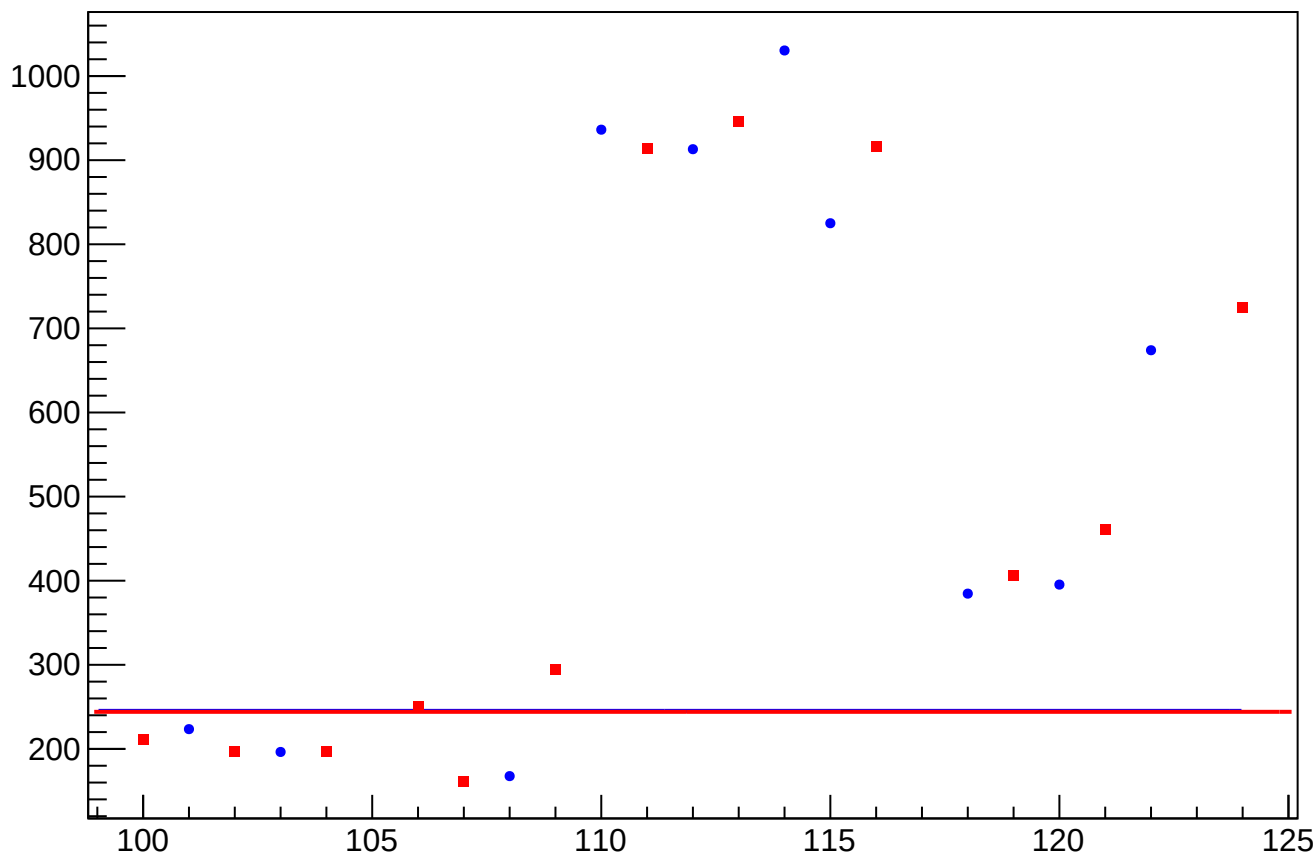
Right: 0.013+/-0.097 χ^2/NDF : 27.3/21

In: 0.091+/-0.140 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.097 χ^2/NDF : 27.3/21

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 245.234+/-0.099 χ^2/NDF : 2047712.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 244.104+/-0.094 χ^2/NDF : 2060801.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

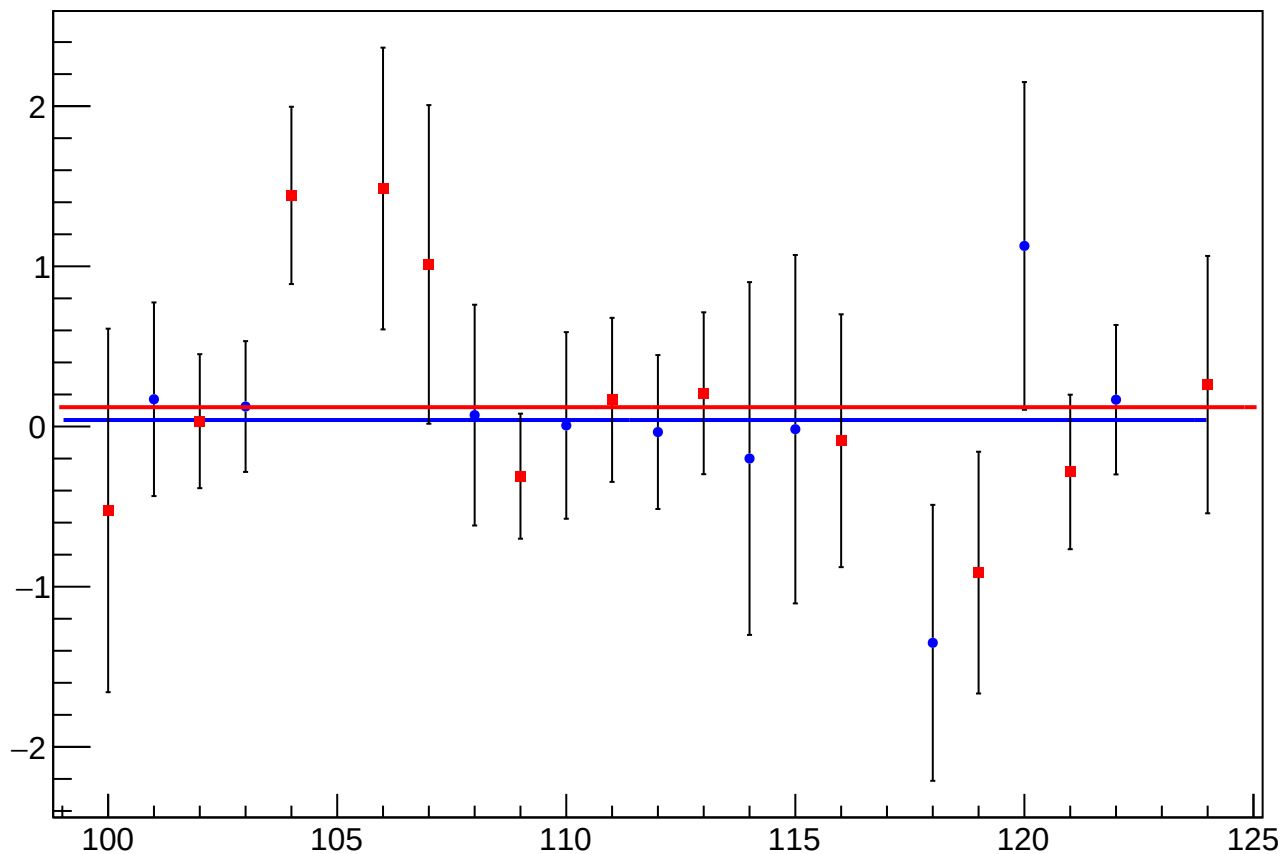
Right: 244.639+/-0.068 χ^2/NDF : 4108582.0/21

In: 245.234+/-0.099 χ^2/NDF :2047712.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 244.639+/-0.068 χ^2/NDF : 4108582.0/21

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.194 χ^2 /NDF: 4.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.121 $\pm$ 0.168 χ^2 /NDF: 13.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

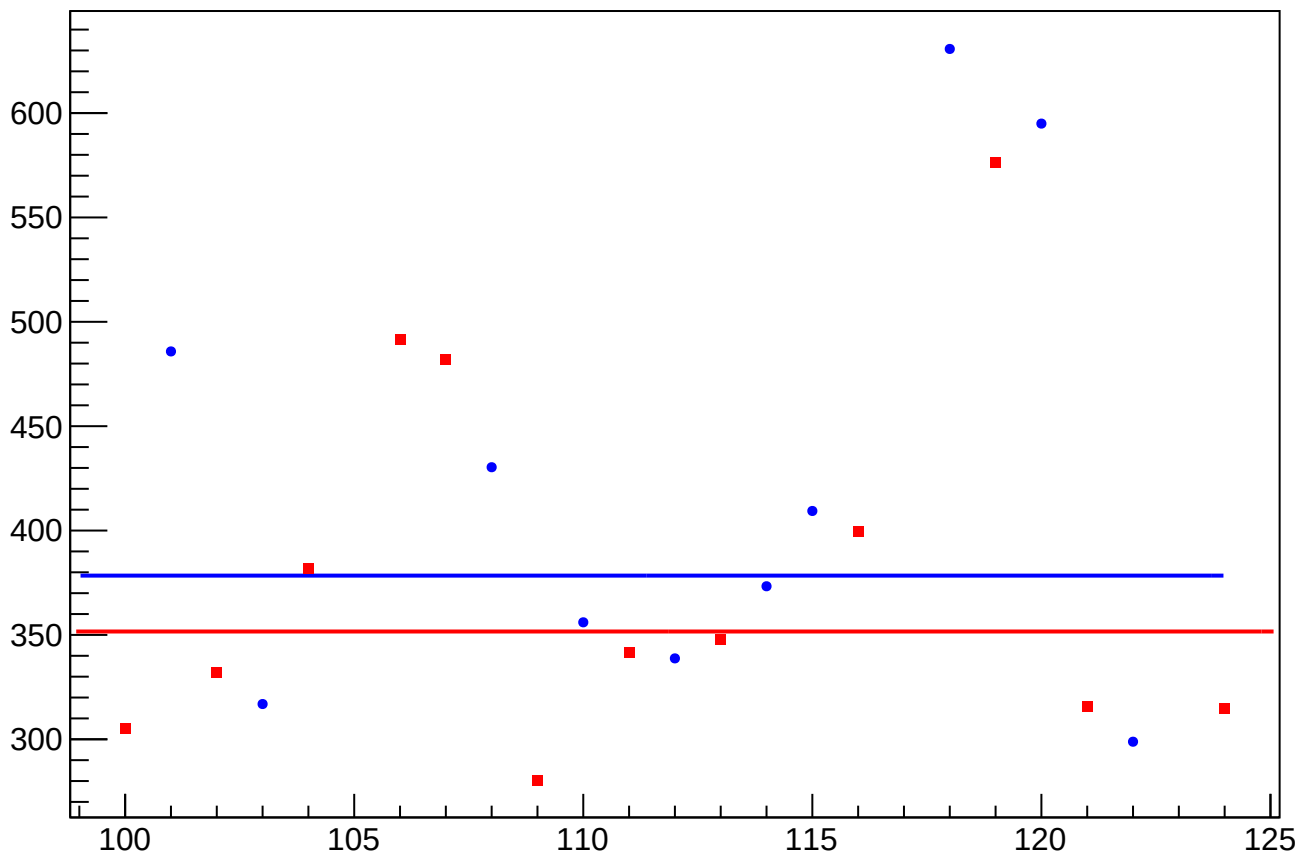
Right: 0.086 $\pm$ 0.127 χ^2 /NDF: 17.3/21

In: 0.041 $\pm$ 0.194 χ^2 /NDF:4.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.086 $\pm$ 0.127 χ^2 /NDF: 17.3/21

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 378.415+/-0.137 χ^2/NDF : 457593.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 351.640+/-0.119 χ^2/NDF : 365753.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

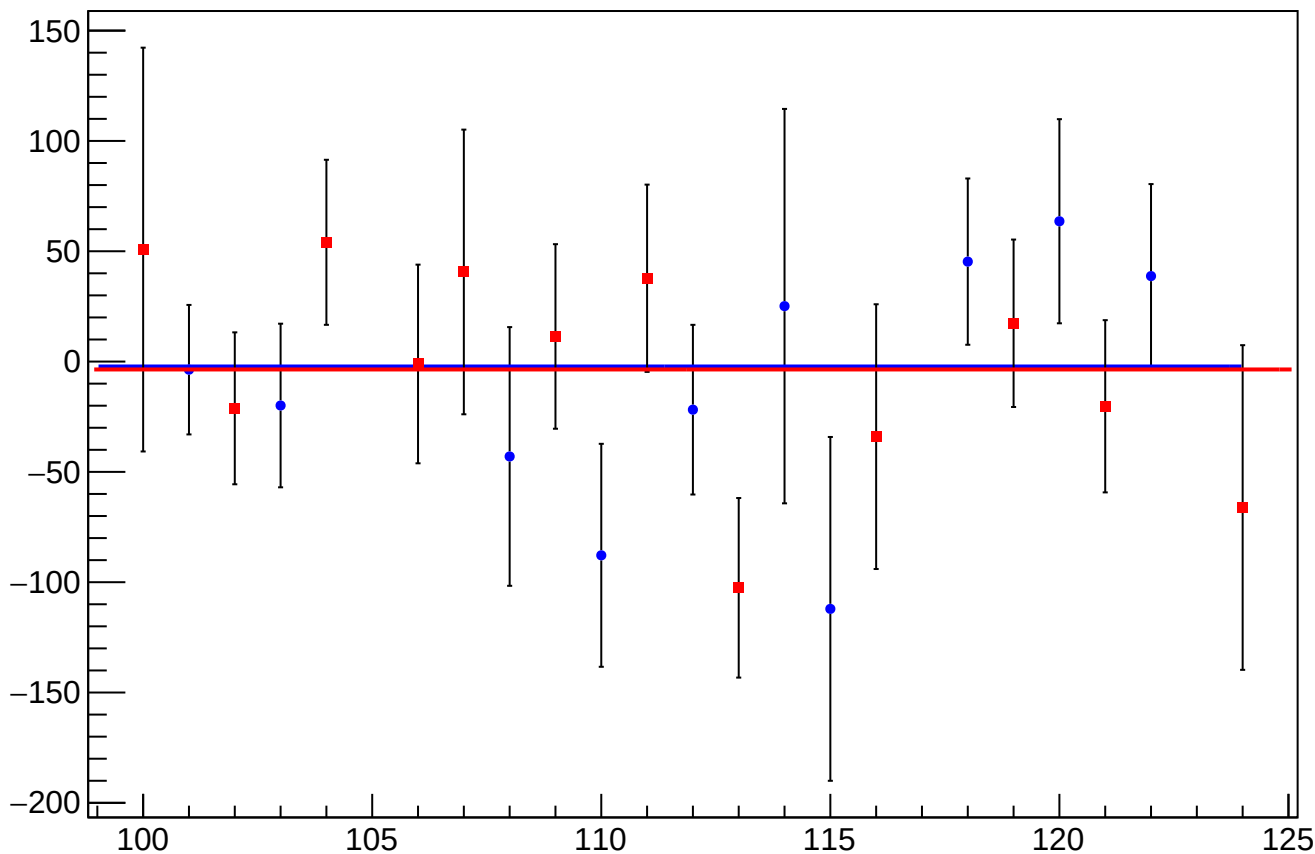
Right: 363.118+/-0.090 χ^2/NDF : 845208.6/21

In: 378.415+/-0.137 χ^2/NDF : 457593.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.118+/-0.090 χ^2/NDF : 845208.6/21

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -2.236+/-13.757 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.580+/-12.958 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

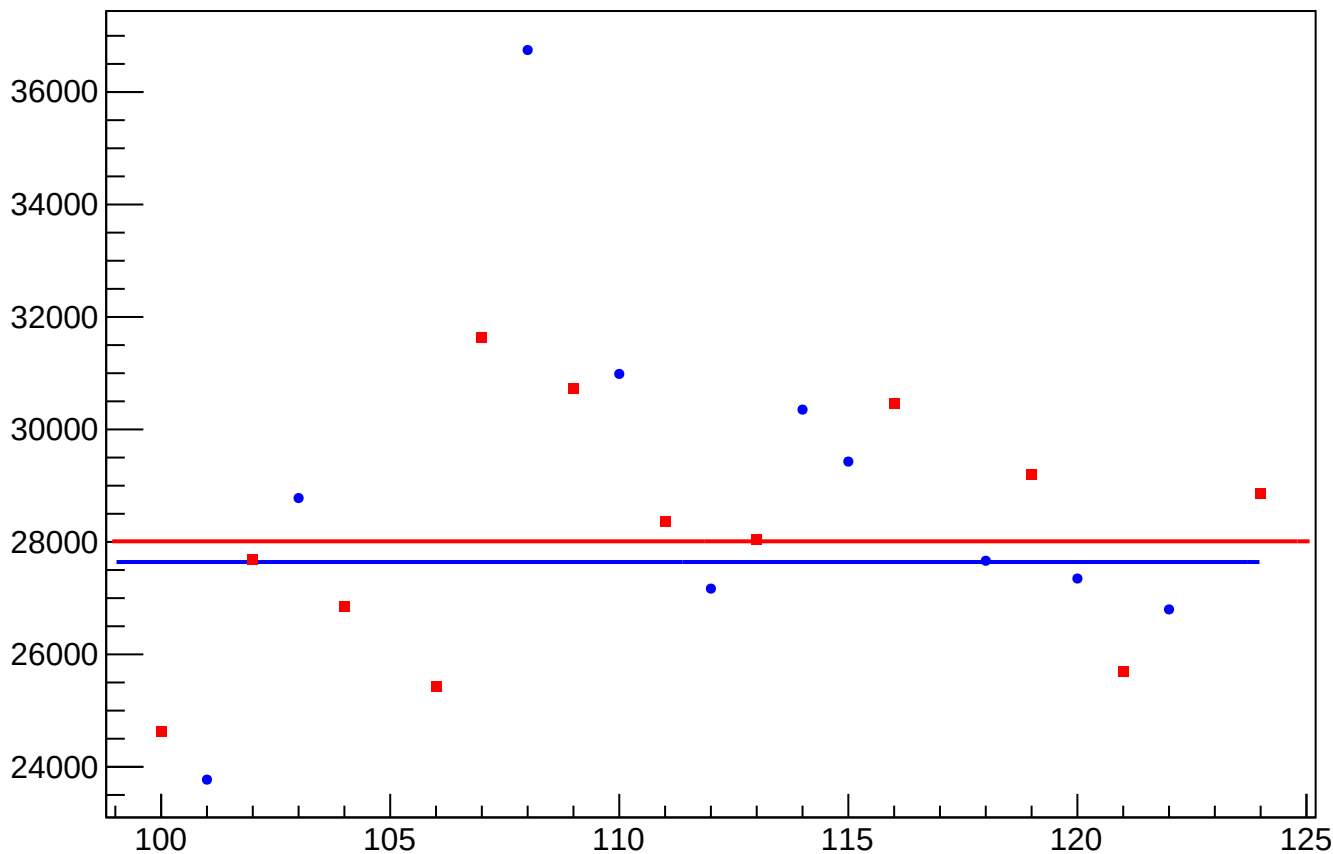
Right: -2.948+/-9.433 χ^2/NDF : 22.4/21

In: -2.236+/-13.757 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.948+/-9.433 χ^2/NDF : 22.4/21

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 27642.354+/-9.728 χ^2/NDF : 97755.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28010.672+/-9.163 χ^2/NDF : 38849.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

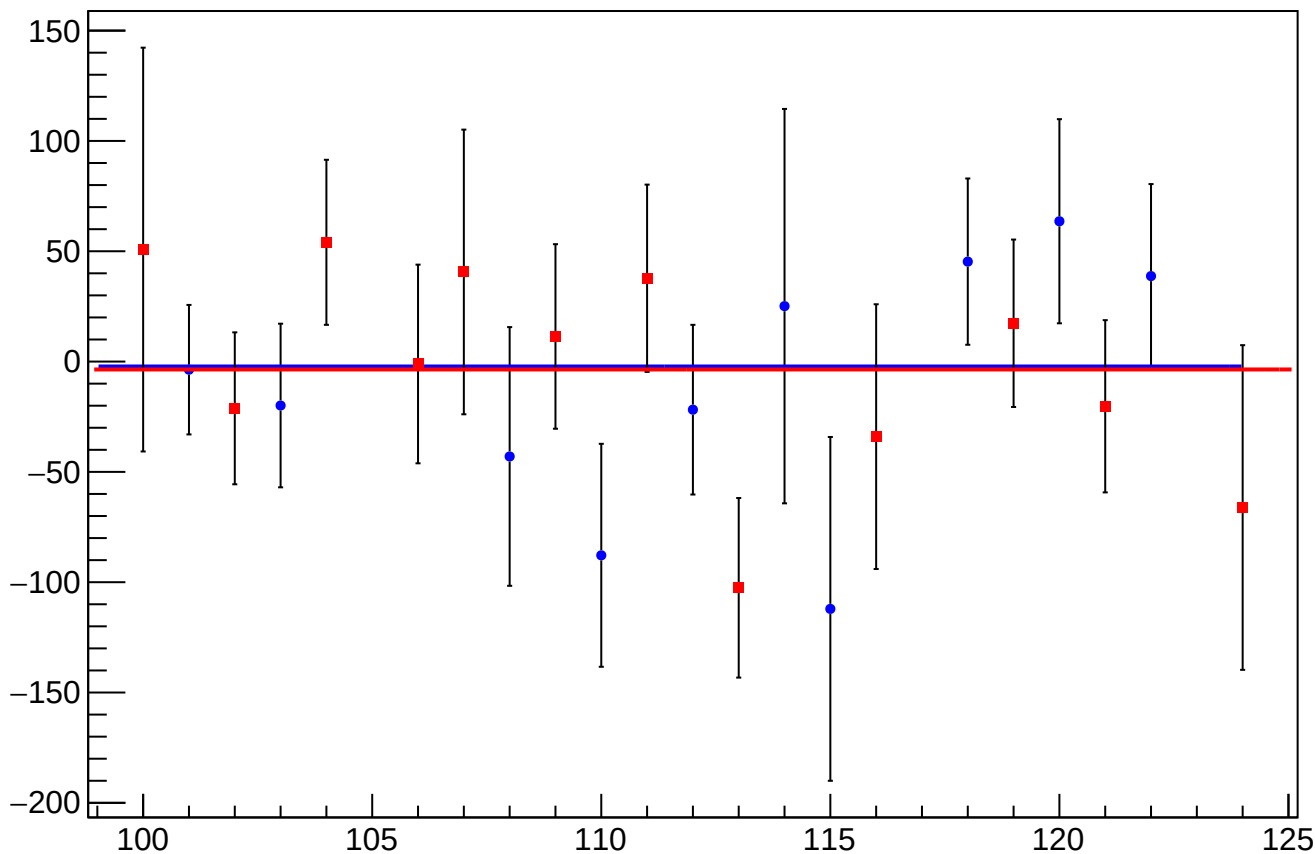
Right: 27837.522+/-6.670 χ^2/NDF : 137363.9/21

In: 27642.354+/-9.728 χ^2/NDF :97755.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27837.522+/-6.670 χ^2/NDF : 137363.9/21

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -2.236+/-13.757 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.580+/-12.958 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

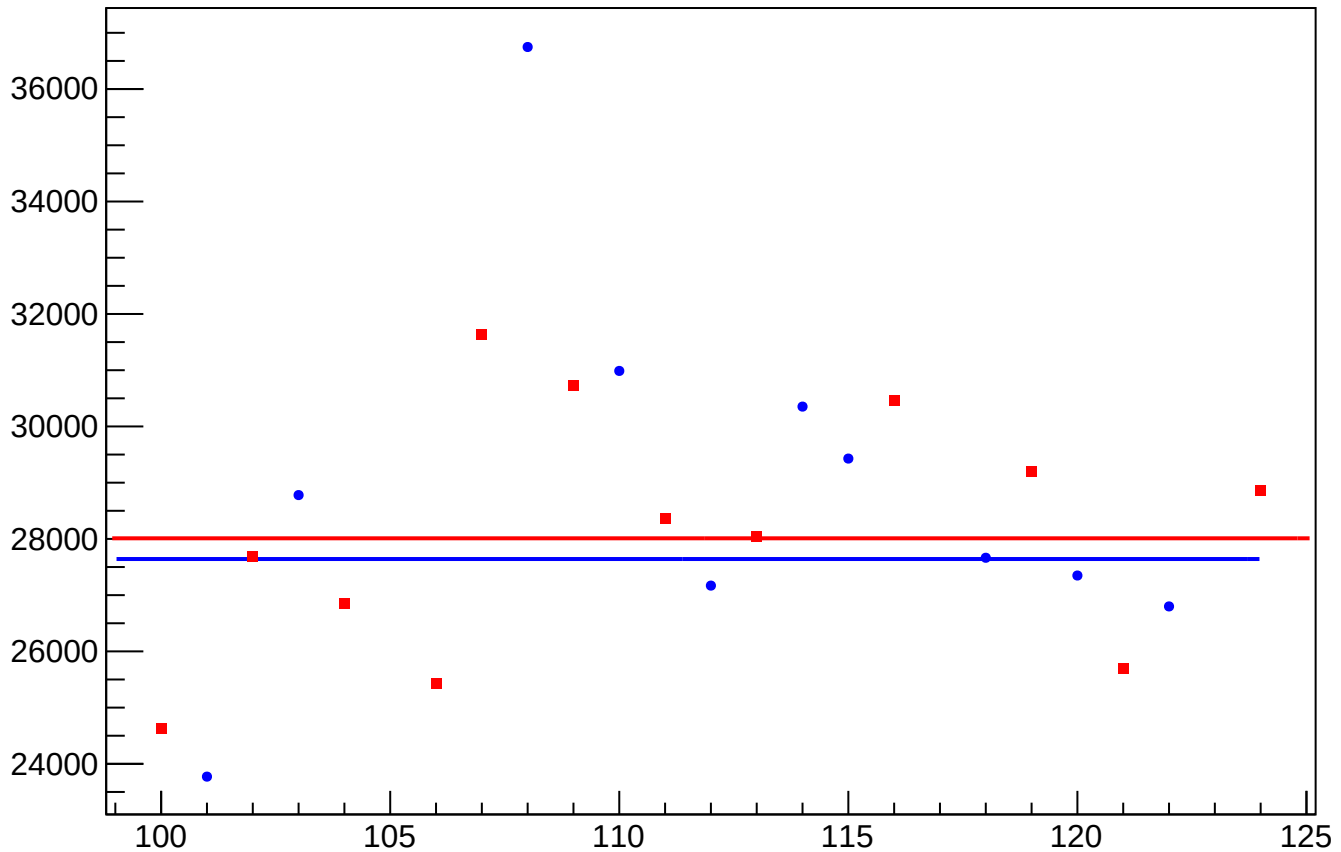
Right: -2.948+/-9.433 χ^2/NDF : 22.4/21

In: -2.236+/-13.757 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.948+/-9.433 χ^2/NDF : 22.4/21

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 27642.354+/-9.728 χ^2/NDF : 97755.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28010.672+/-9.163 χ^2/NDF : 38849.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

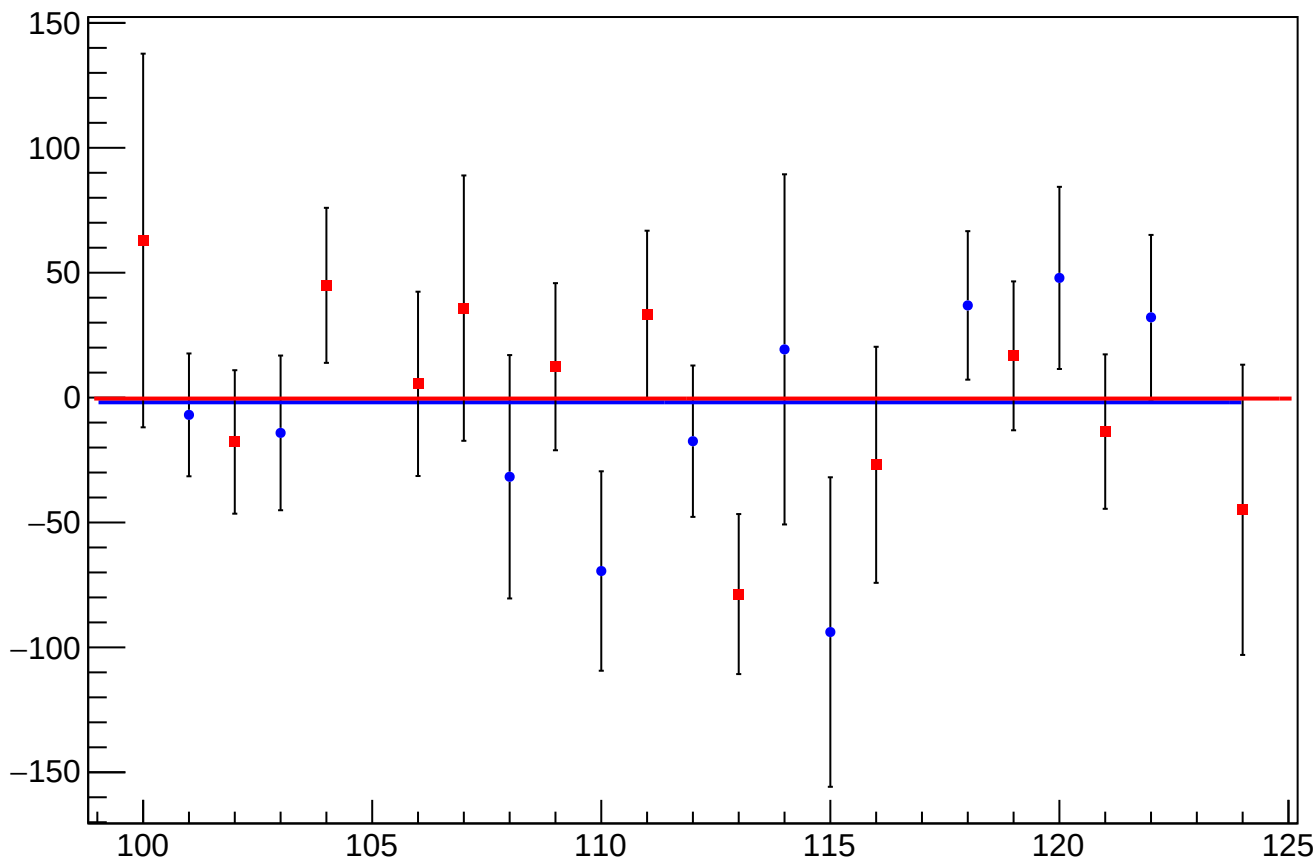
Right: 27837.522+/-6.670 χ^2/NDF : 137363.9/21

In: 27642.354+/-9.728 χ^2/NDF :97755.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27837.522+/-6.670 χ^2/NDF : 137363.9/21

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -1.888+/-11.110 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.385+/-10.429 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

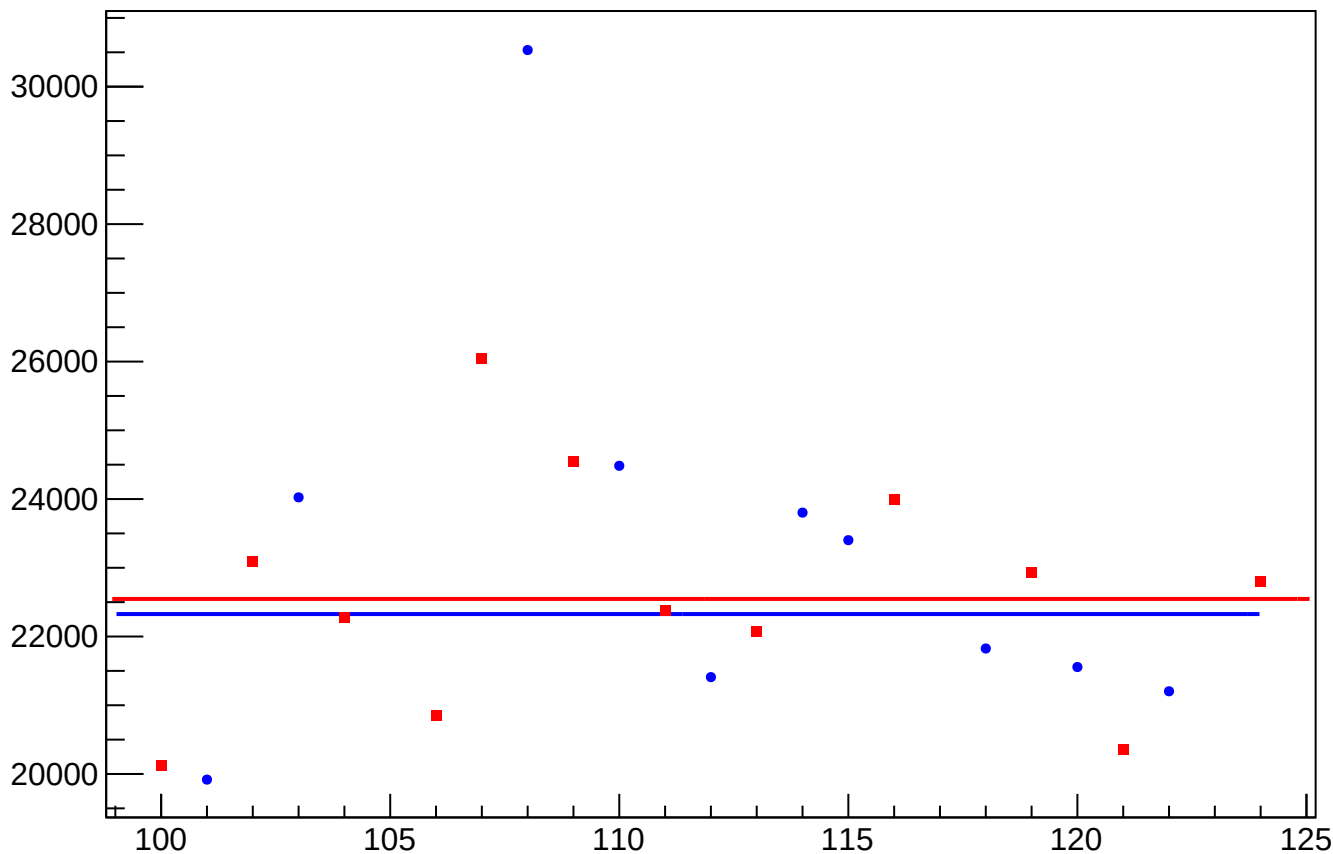
Right: -1.089+/-7.604 χ^2/NDF : 22.9/21

In: -1.888+/-11.110 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.089+/-7.604 χ^2/NDF : 22.9/21

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 22326.613+/-7.856 χ^2/NDF : 94896.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22546.672+/-7.374 χ^2/NDF : 35741.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

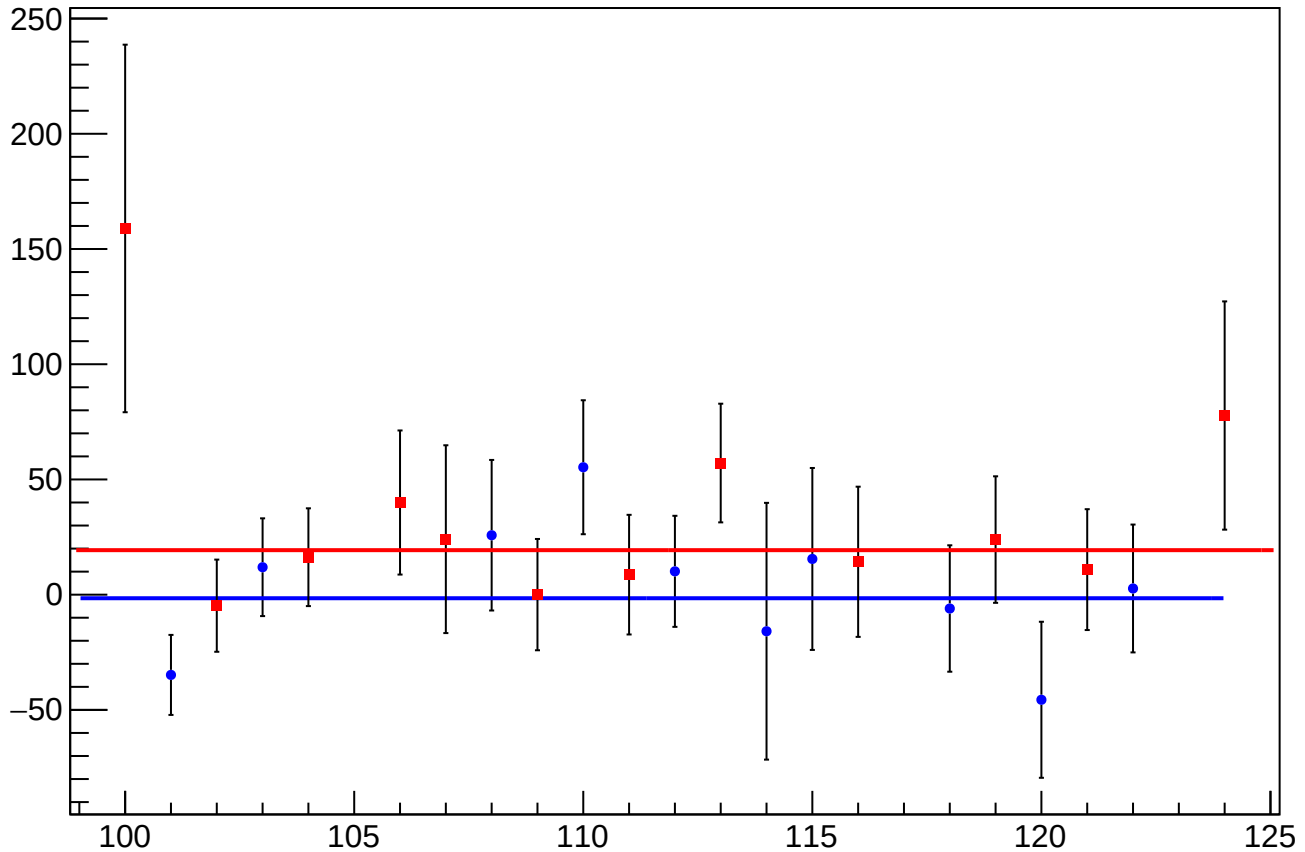
Right: 22443.590+/-5.377 χ^2/NDF : 131055.2/21

In: 22326.613+/-7.856 χ^2/NDF :94896.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22443.590+/-5.377 χ^2/NDF : 131055.2/21

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -1.544+/-8.498 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.317+/-8.073 χ^2/NDF : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

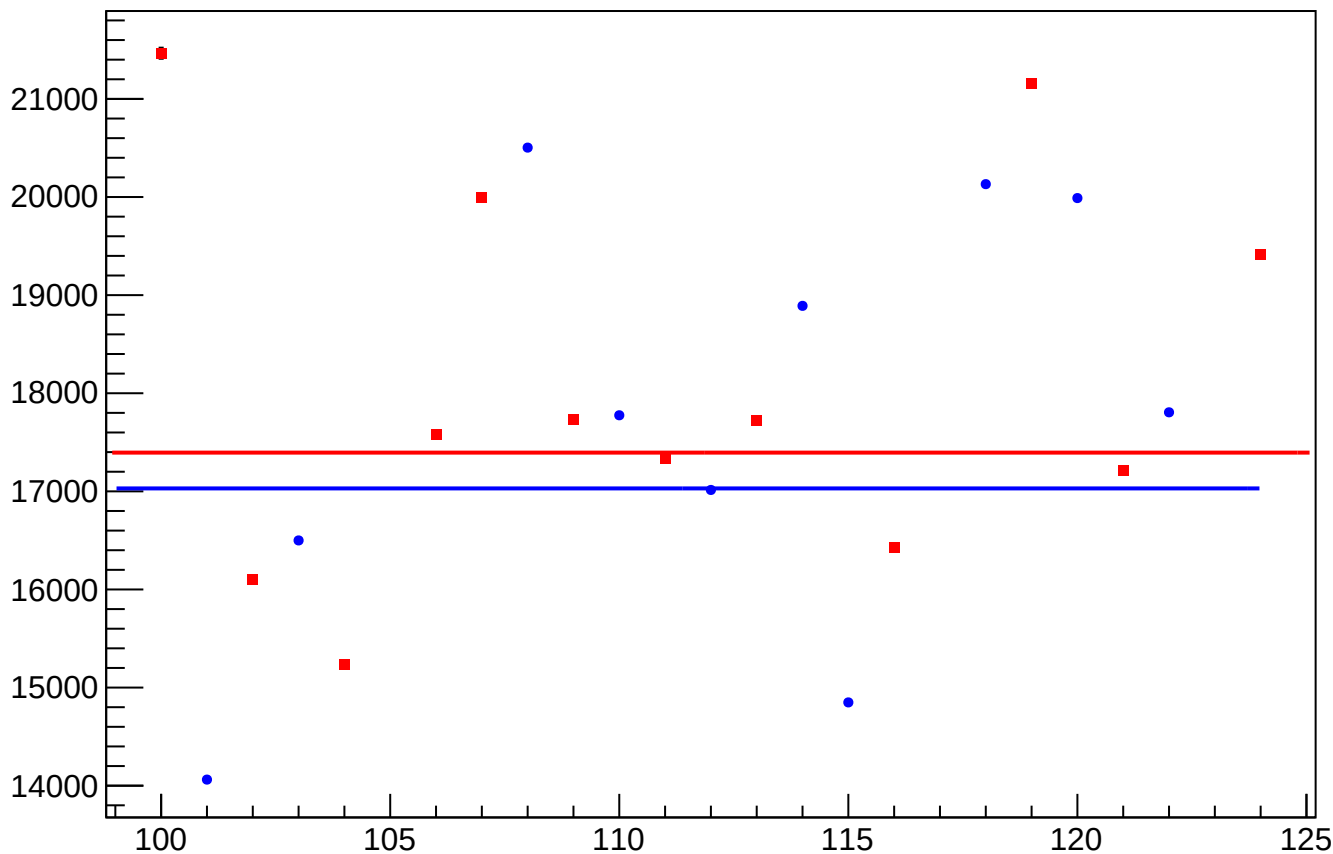
Right: 9.420+/-5.853 χ^2/NDF : 23.5/21

In: -1.544+/-8.498 χ^2/NDF :10.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.420+/-5.853 χ^2/NDF : 23.5/21

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 17029.904 $\pm$ 6.009 χ^2 /NDF: 134369.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17394.865 $\pm$ 5.709 χ^2 /NDF: 85946.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

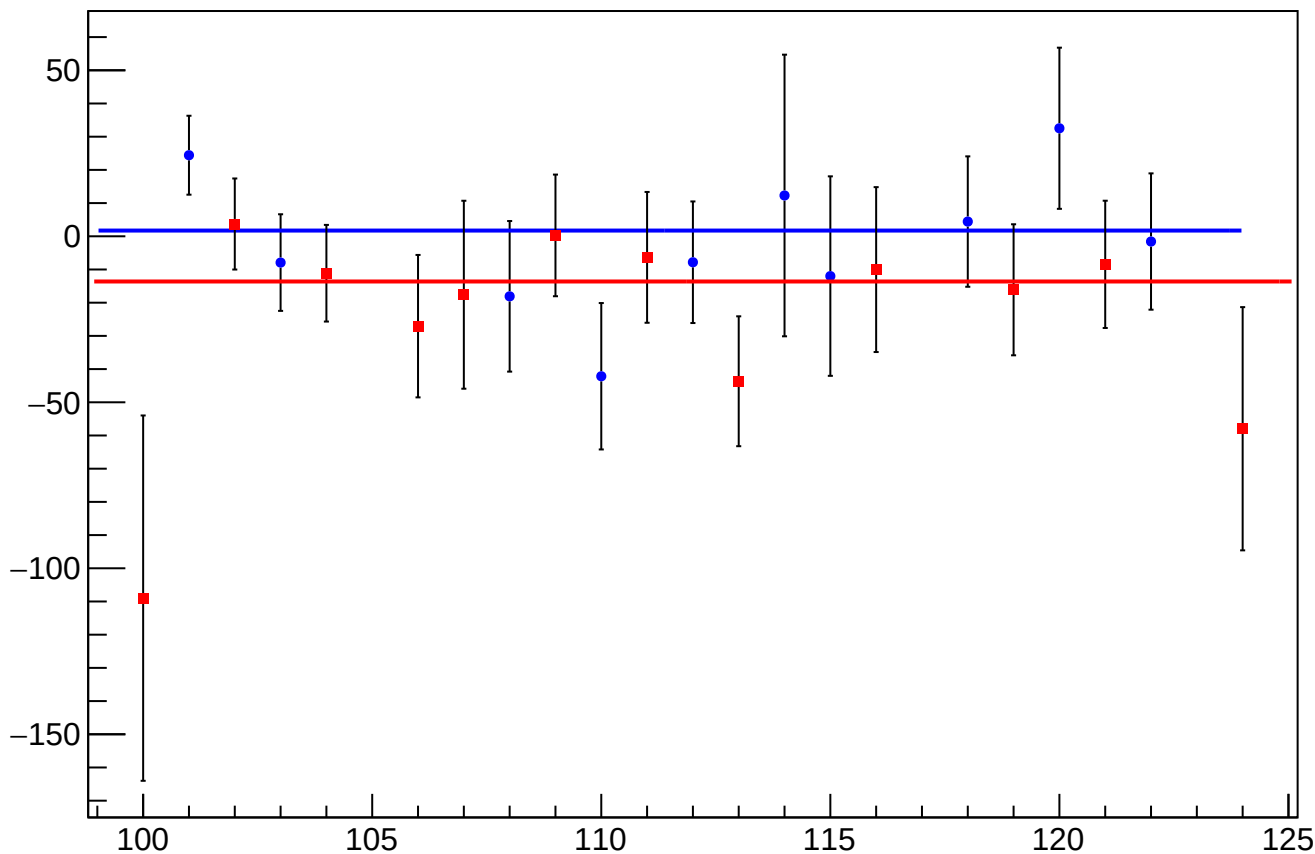
Right: 17221.722 $\pm$ 4.139 χ^2 /NDF: 222255.2/21

In: 17029.904 $\pm$ 6.009 χ^2 /NDF:134369.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17221.722 $\pm$ 4.139 χ^2 /NDF: 222255.2/21

diff_bpm4aediffX_mean vs Slug, Sign Corrected



Right In: 1.726 ± 6.074 $\chi^2/\text{NDF}: 11.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.614 ± 5.811 $\chi^2/\text{NDF}: 9.7/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

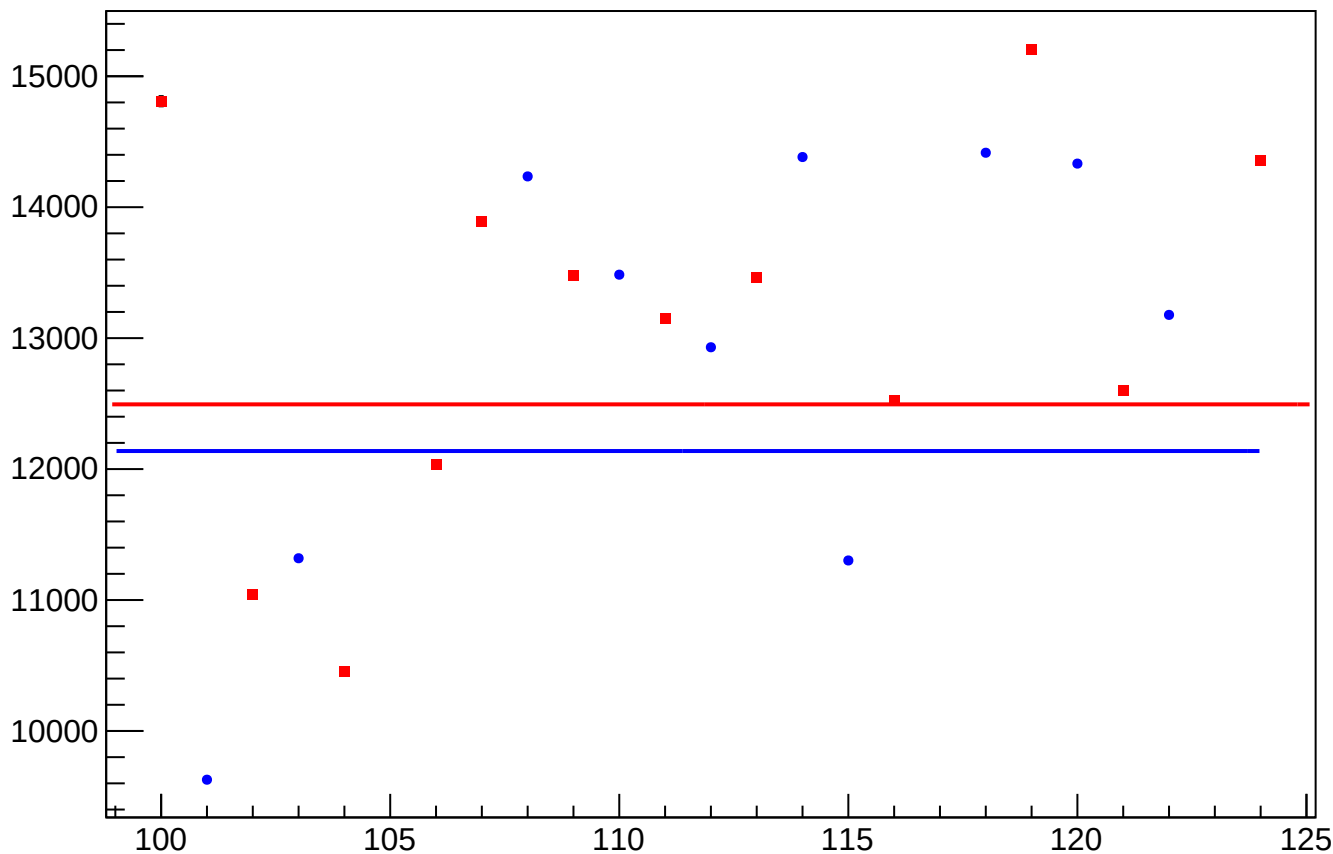
Right: -6.283 ± 4.199 $\chi^2/\text{NDF}: 24.0/21$

In: 1.726 ± 6.074 $\chi^2/\text{NDF}: 11.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.283 ± 4.199 $\chi^2/\text{NDF}: 24.0/21$

diff_bpm4aediX_rms vs Slug, Sign Corrected



Right In: 12137.867+/-4.295 χ^2/NDF : 179348.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12494.247+/-4.109 χ^2/NDF : 126851.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

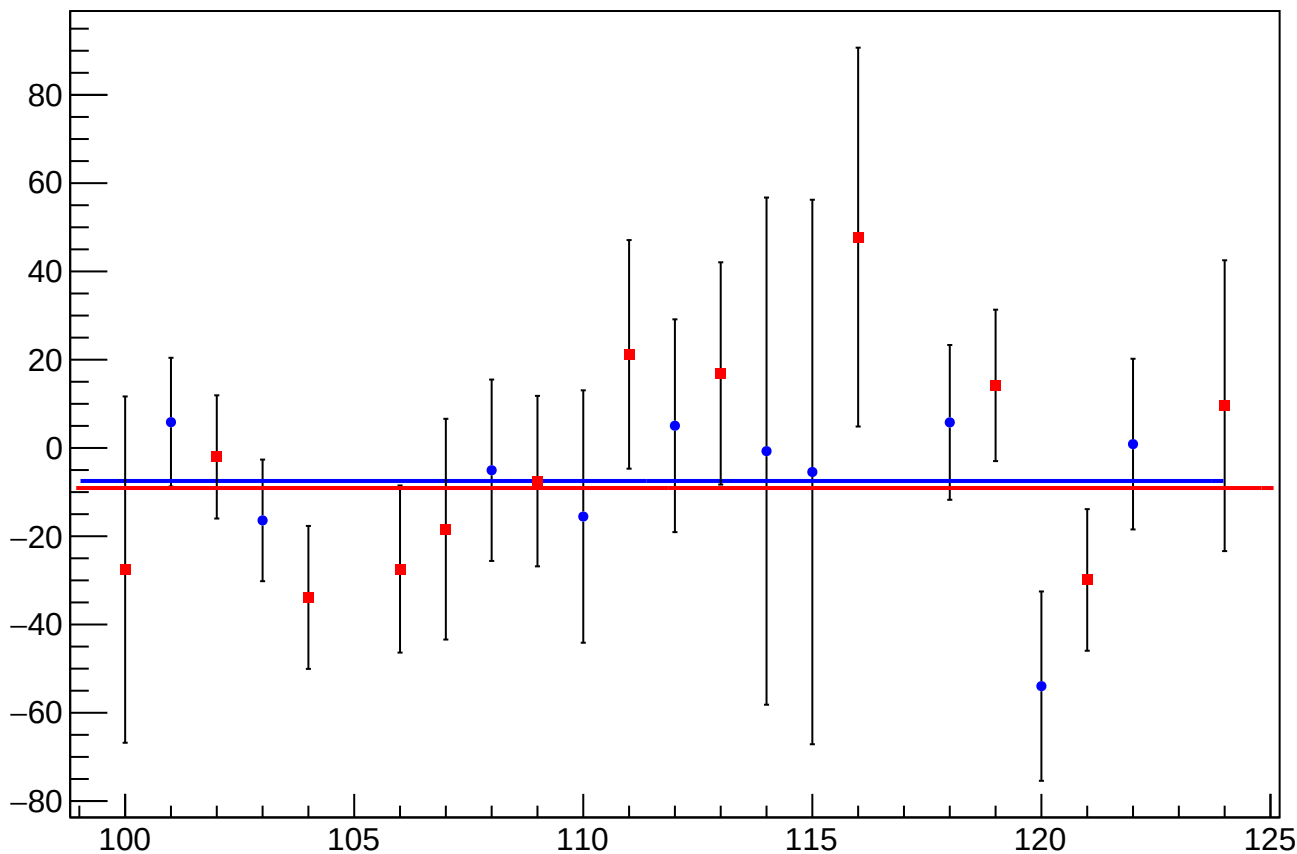
Right: 12323.922+/-2.969 χ^2/NDF : 309794.5/21

In: 12137.867+/-4.295 χ^2/NDF :179348.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12323.922+/-2.969 χ^2/NDF : 309794.5/21

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -7.477 ± 6.462 $\chi^2/\text{NDF}: 7.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -9.077 ± 5.925 $\chi^2/\text{NDF}: 11.9/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

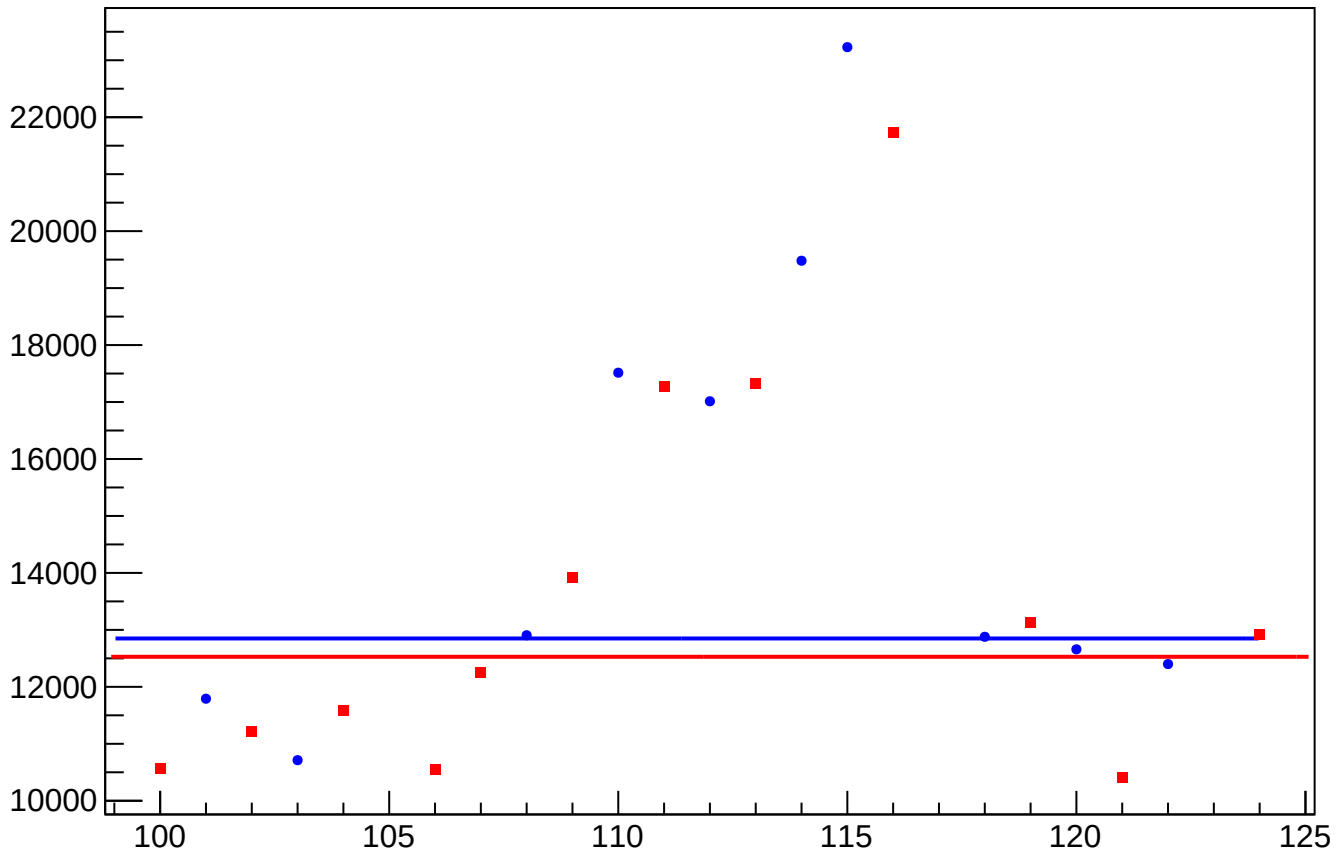
Right: -8.346 ± 4.367 $\chi^2/\text{NDF}: 19.1/21$

In: -7.477 ± 6.462 $\chi^2/\text{NDF}: 7.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.346 ± 4.367 $\chi^2/\text{NDF}: 19.1/21$

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 12849.109+/-4.570 χ^2/NDF : 256045.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12527.643+/-4.190 χ^2/NDF : 331312.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

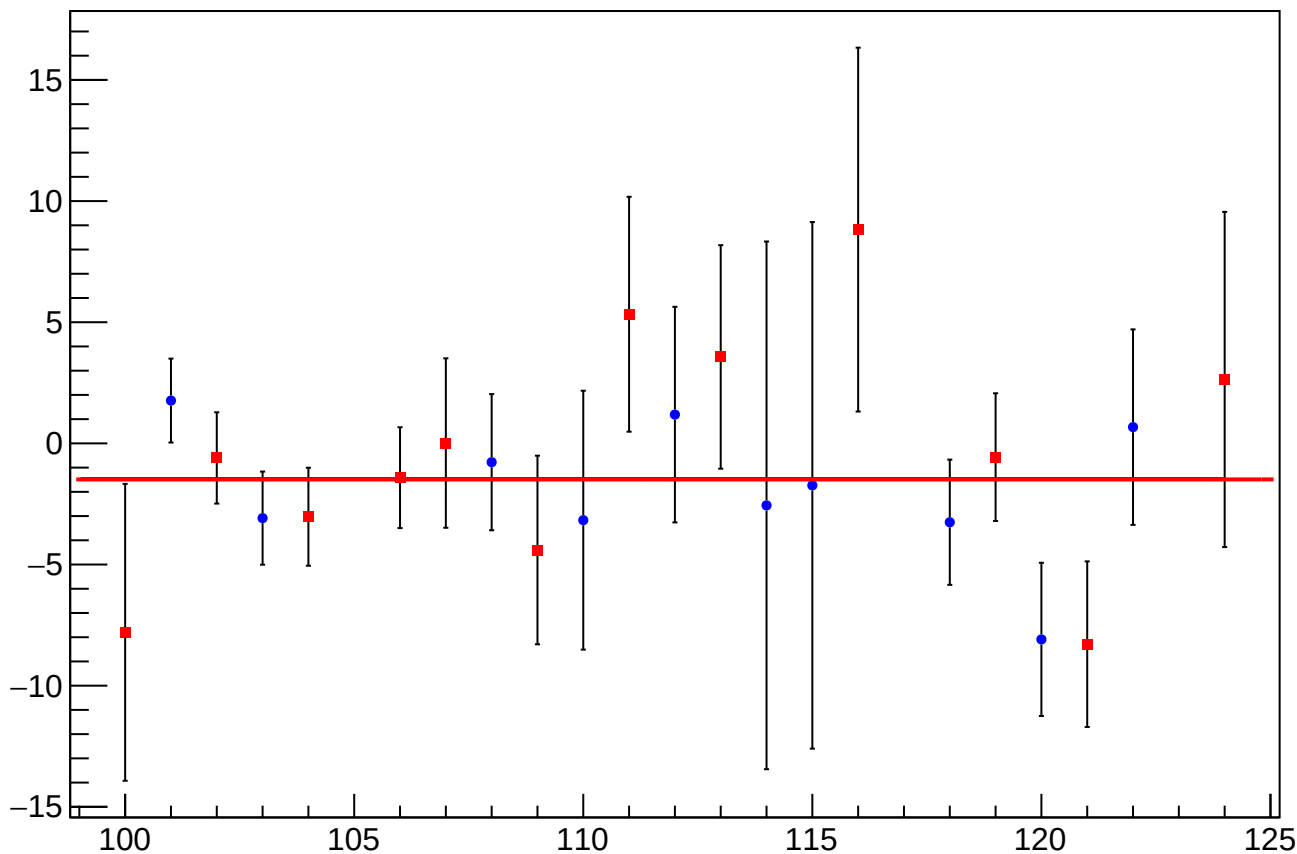
Right: 12674.466+/-3.088 χ^2/NDF : 590046.3/21

In: 12849.109+/-4.570 χ^2/NDF : 256045.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12674.466+/-3.088 χ^2/NDF : 590046.3/21

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -1.474+/-0.935 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.488+/-0.881 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

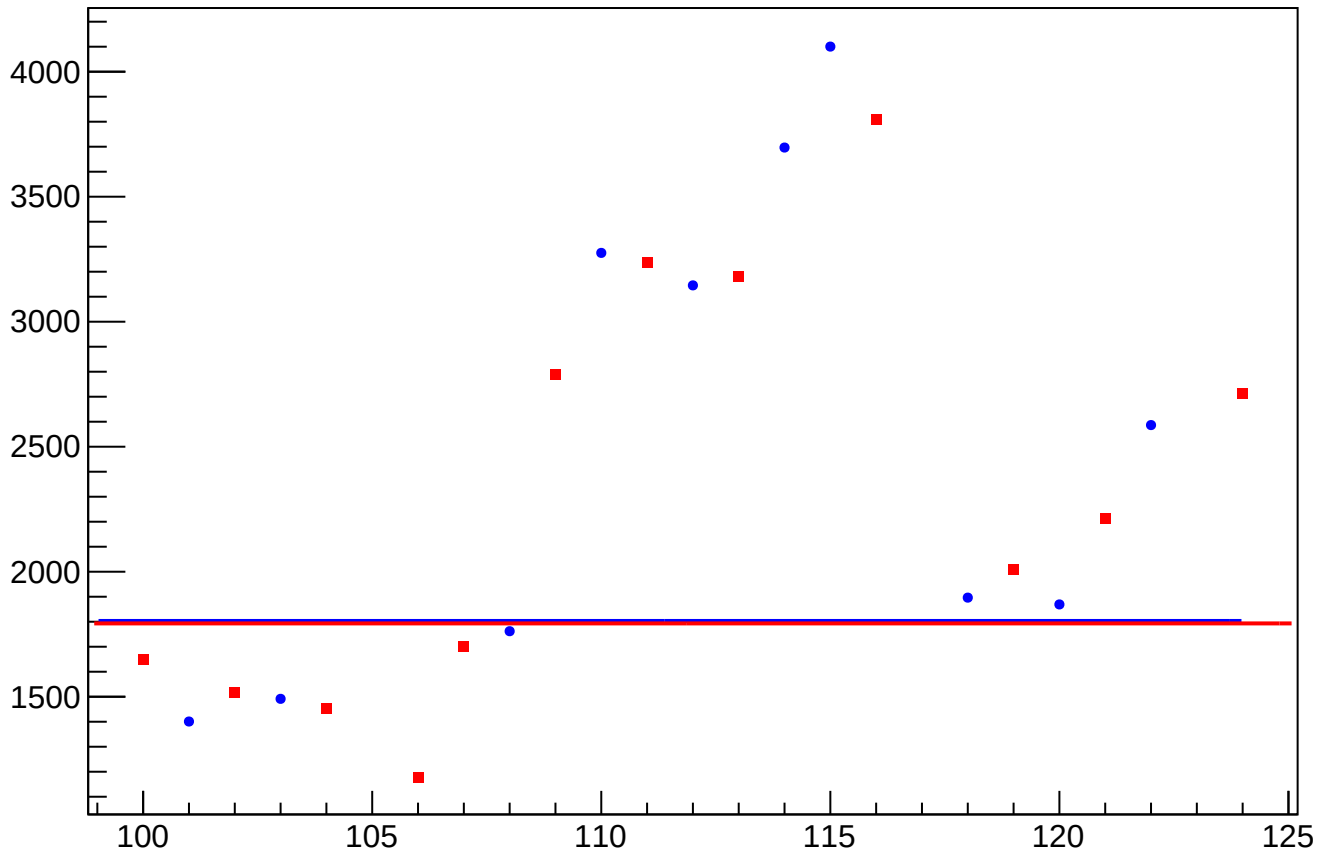
Right: -1.481+/-0.641 χ^2/NDF : 22.0/21

In: -1.474+/-0.935 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.481+/-0.641 χ^2/NDF : 22.0/21

diff_bpm4aediY_rms vs Slug, Sign Corrected



Right In: 1803.021+/-0.661 χ^2/NDF : 723597.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1793.240+/-0.623 χ^2/NDF : 990124.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

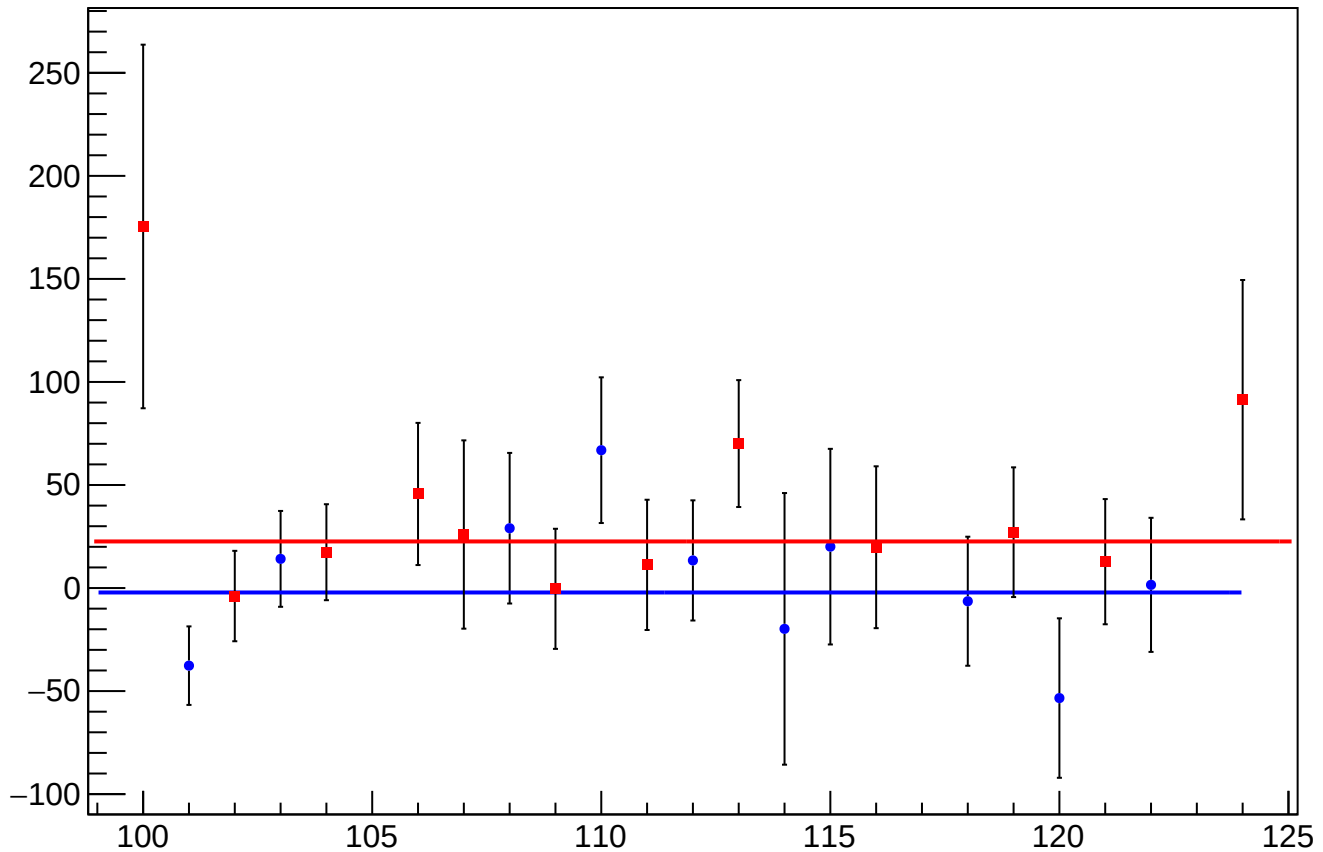
Right: 1797.840+/-0.453 χ^2/NDF : 1713837.6/21

In: 1803.021+/-0.661 χ^2/NDF : 723597.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1797.840+/-0.453 χ^2/NDF : 1713837.6/21

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -2.154+/-9.696 χ^2 /NDF: 10.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 22.611+/-9.268 χ^2 /NDF: 9.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

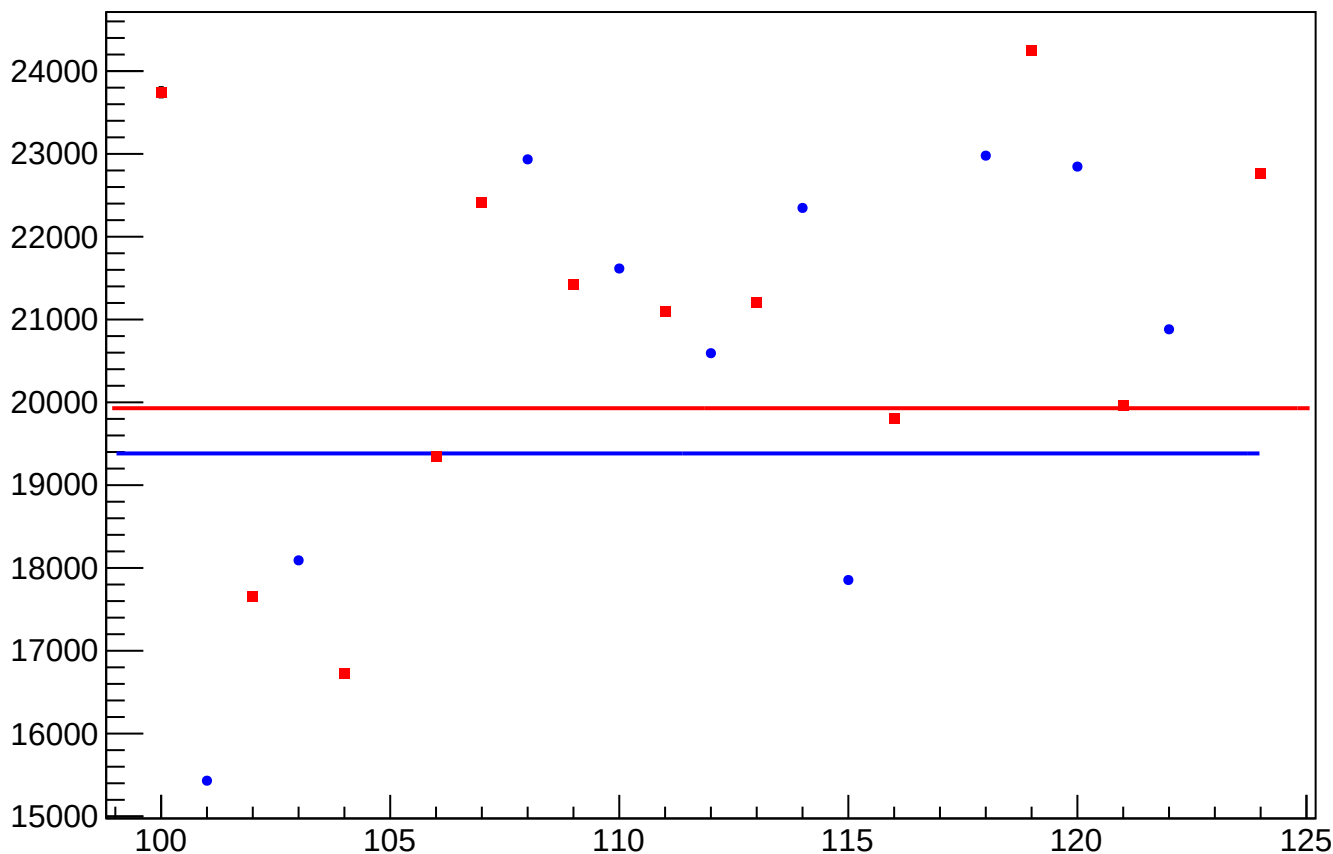
Right: 10.788+/-6.700 χ^2 /NDF: 23.9/21

In: -2.154+/-9.696 χ^2 /NDF:10.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 10.788+/-6.700 χ^2 /NDF: 23.9/21

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 19382.989+/-6.856 χ^2/NDF : 175298.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19929.110+/-6.553 χ^2/NDF : 123429.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

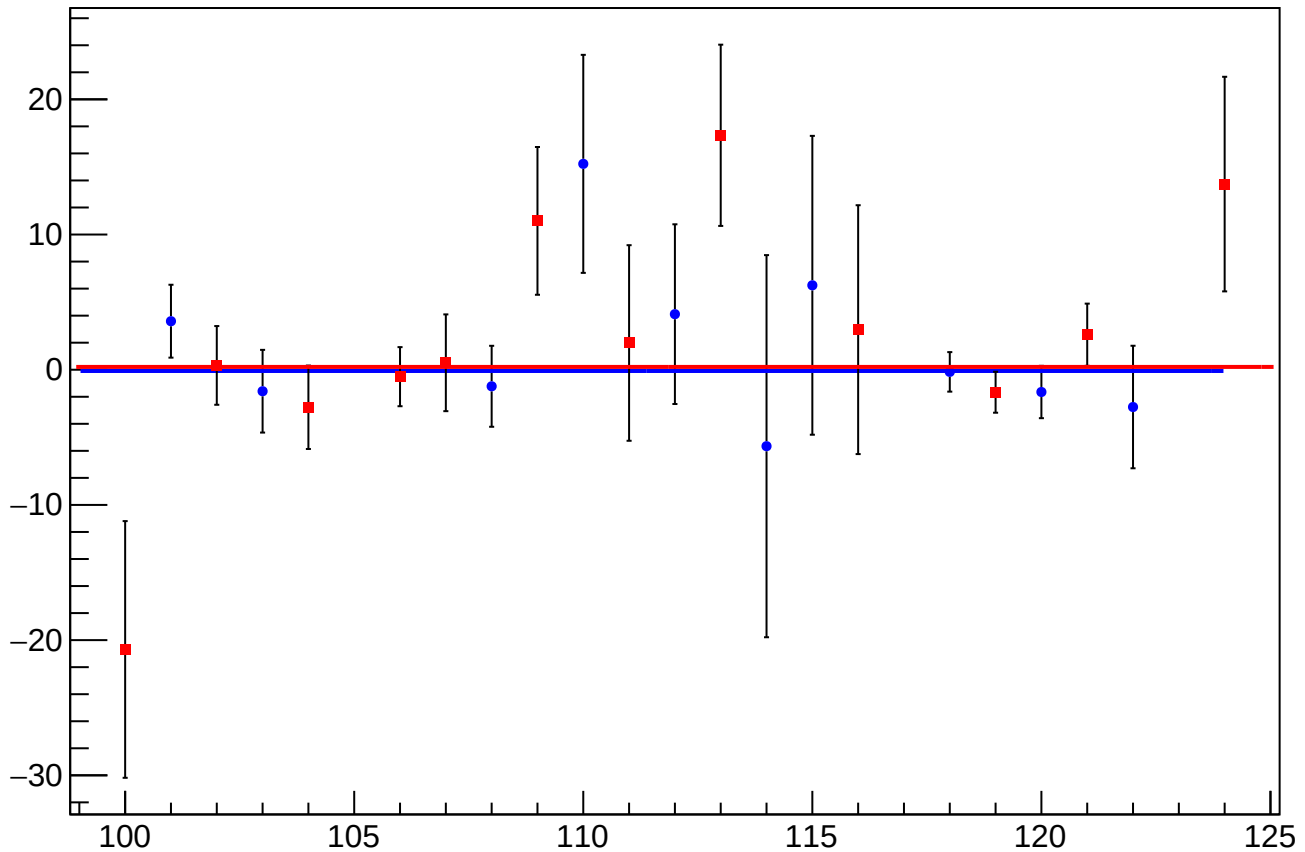
Right: 19668.392+/-4.737 χ^2/NDF : 302044.0/21

In: 19382.989+/-6.856 χ^2/NDF :175298.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19668.392+/-4.737 χ^2/NDF : 302044.0/21

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: -0.093+/-0.916 χ^2/NDF : 7.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.208+/-0.895 χ^2/NDF : 22.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

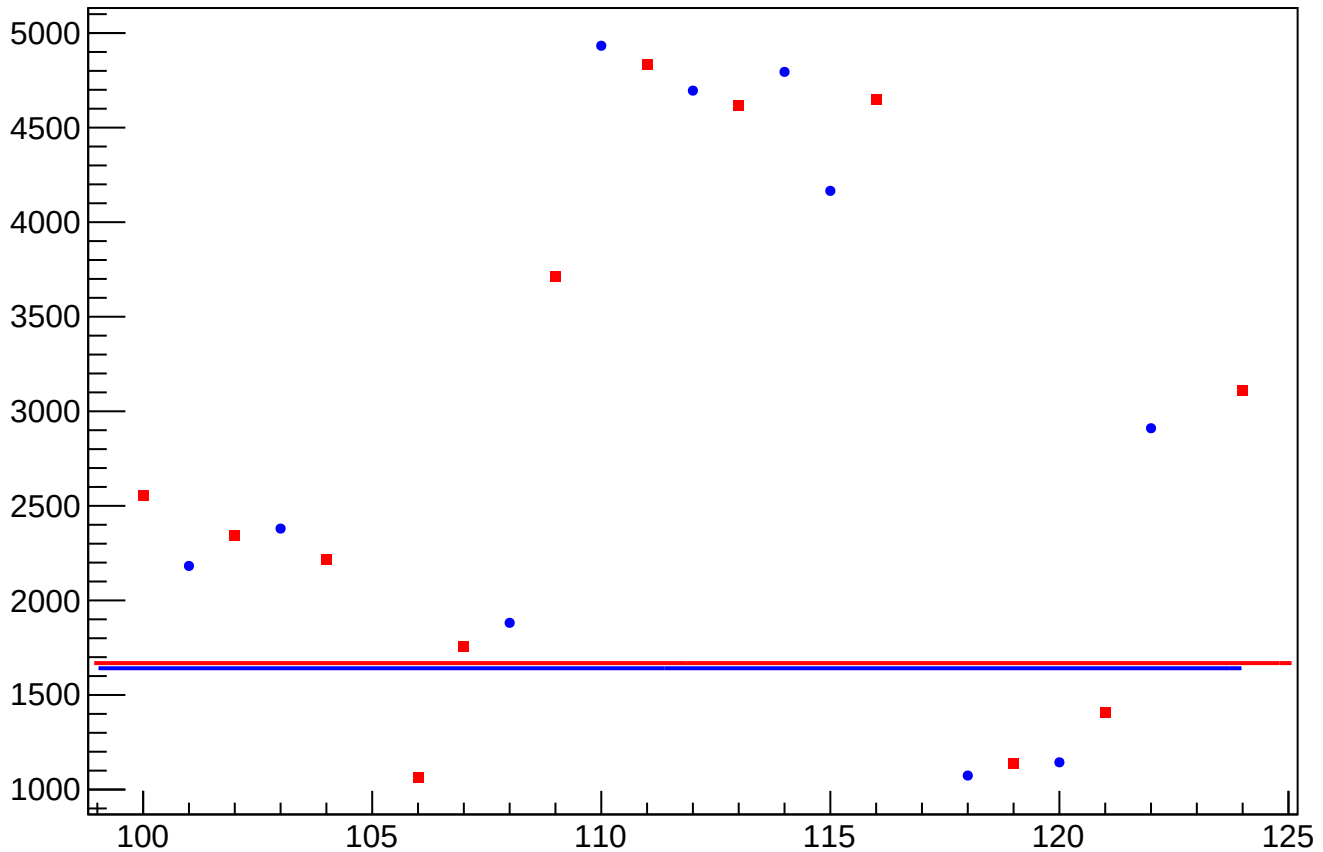
Right: 0.061+/-0.640 χ^2/NDF : 29.8/21

In: -0.093+/-0.916 χ^2/NDF :7.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.061+/-0.640 χ^2/NDF : 29.8/21

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1641.338+/-0.648 χ^2/NDF : 1759604.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1668.517+/-0.633 χ^2/NDF : 1941885.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

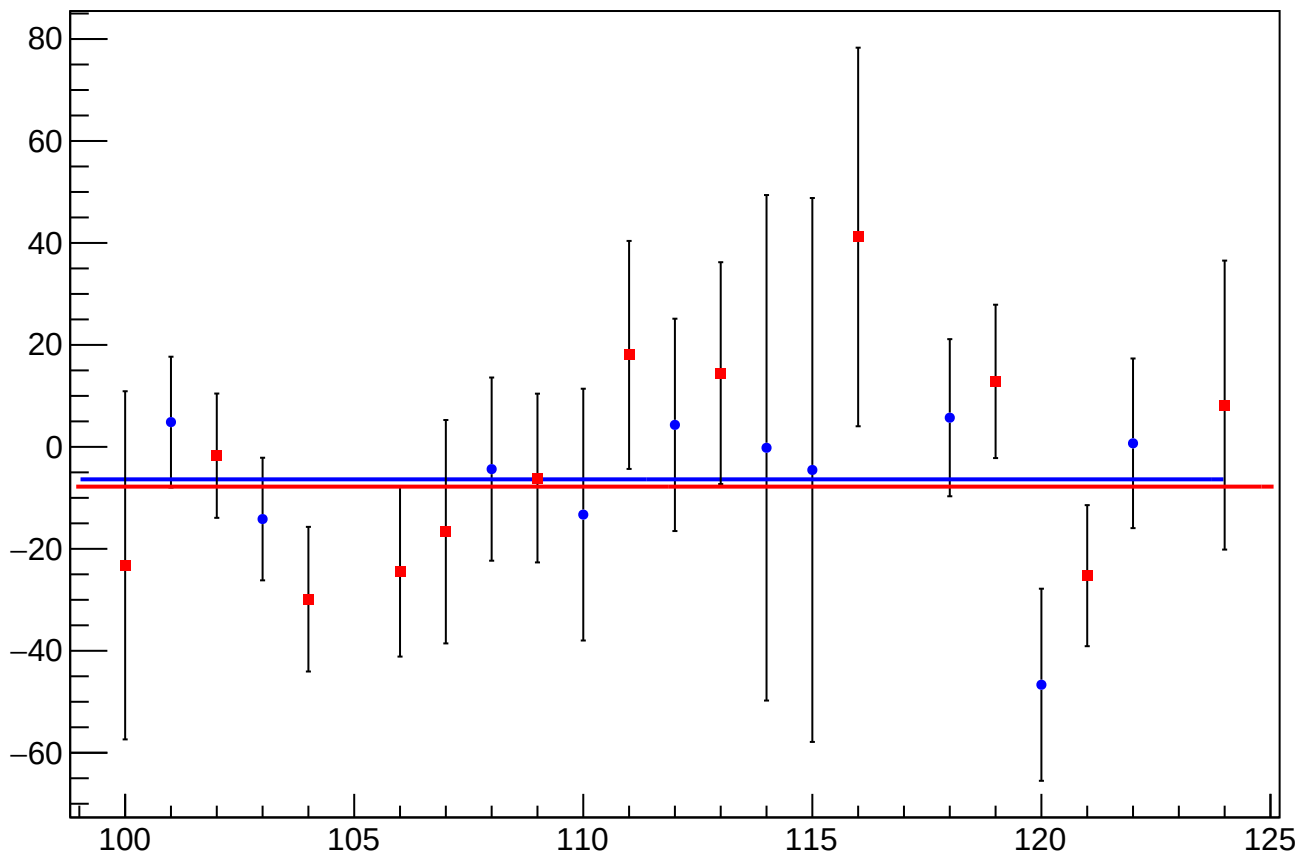
Right: 1655.251+/-0.453 χ^2/NDF : 3702390.4/21

In: 1641.338+/-0.648 χ^2/NDF : 1759604.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.251+/-0.453 χ^2/NDF : 3702390.4/21

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -6.368+/-5.640 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -7.797+/-5.157 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

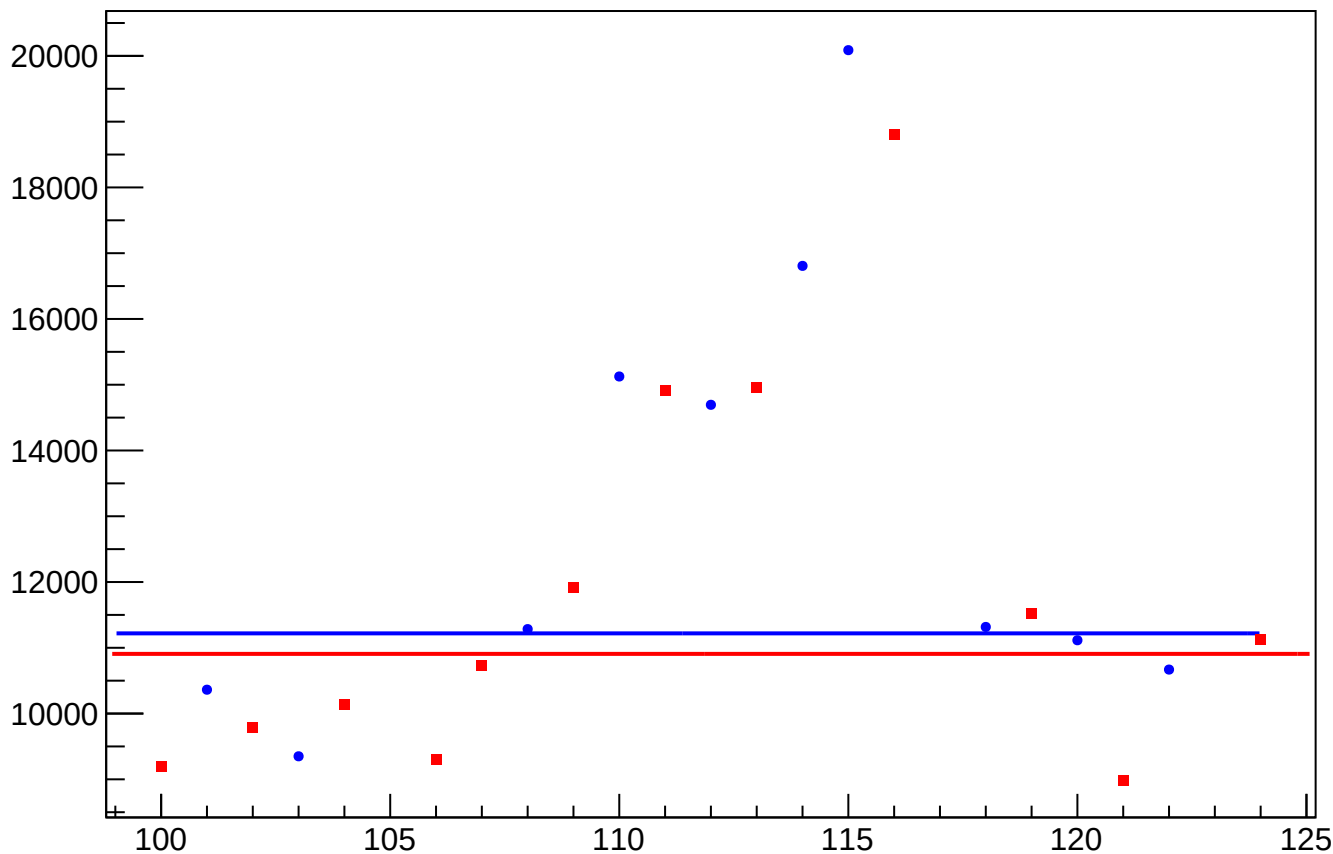
Right: -7.146+/-3.806 χ^2/NDF : 18.9/21

In: -6.368+/-5.640 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.146+/-3.806 χ^2/NDF : 18.9/21

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11219.300+/-3.988 χ^2/NDF : 246031.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10907.362+/-3.646 χ^2/NDF : 319762.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

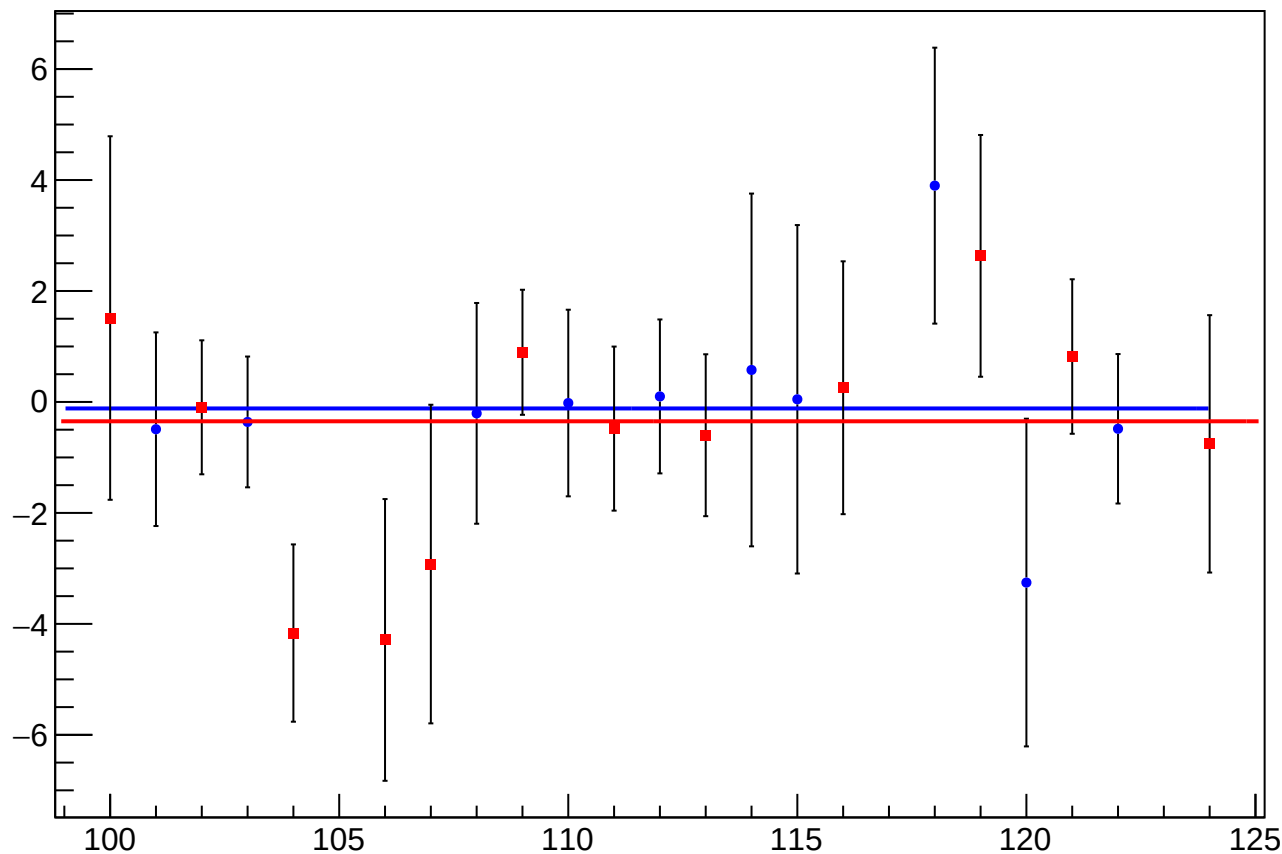
Right: 11049.409+/-2.691 χ^2/NDF : 569126.1/21

In: 11219.300+/-3.988 χ^2/NDF :246031.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11049.409+/-2.691 χ^2/NDF : 569126.1/21

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.117 ± 0.559 $\chi^2/\text{NDF}: 4.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.348 ± 0.484 $\chi^2/\text{NDF}: 13.2/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

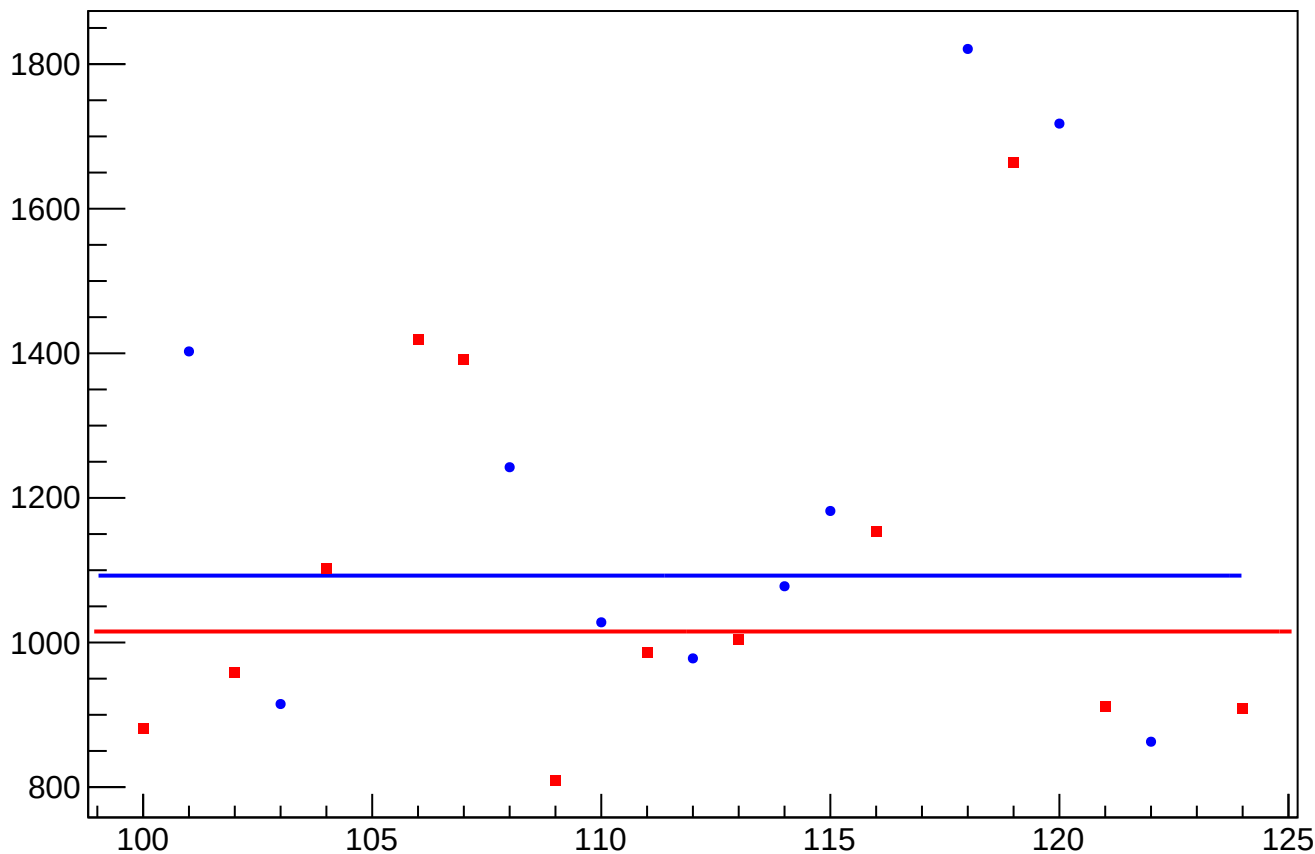
Right: -0.249 ± 0.366 $\chi^2/\text{NDF}: 17.3/21$

In: -0.117 ± 0.559 $\chi^2/\text{NDF}: 4.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.249 ± 0.366 $\chi^2/\text{NDF}: 17.3/21$

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1092.528+/-0.395 χ^2/NDF : 457593.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1015.225+/-0.342 χ^2/NDF : 365753.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

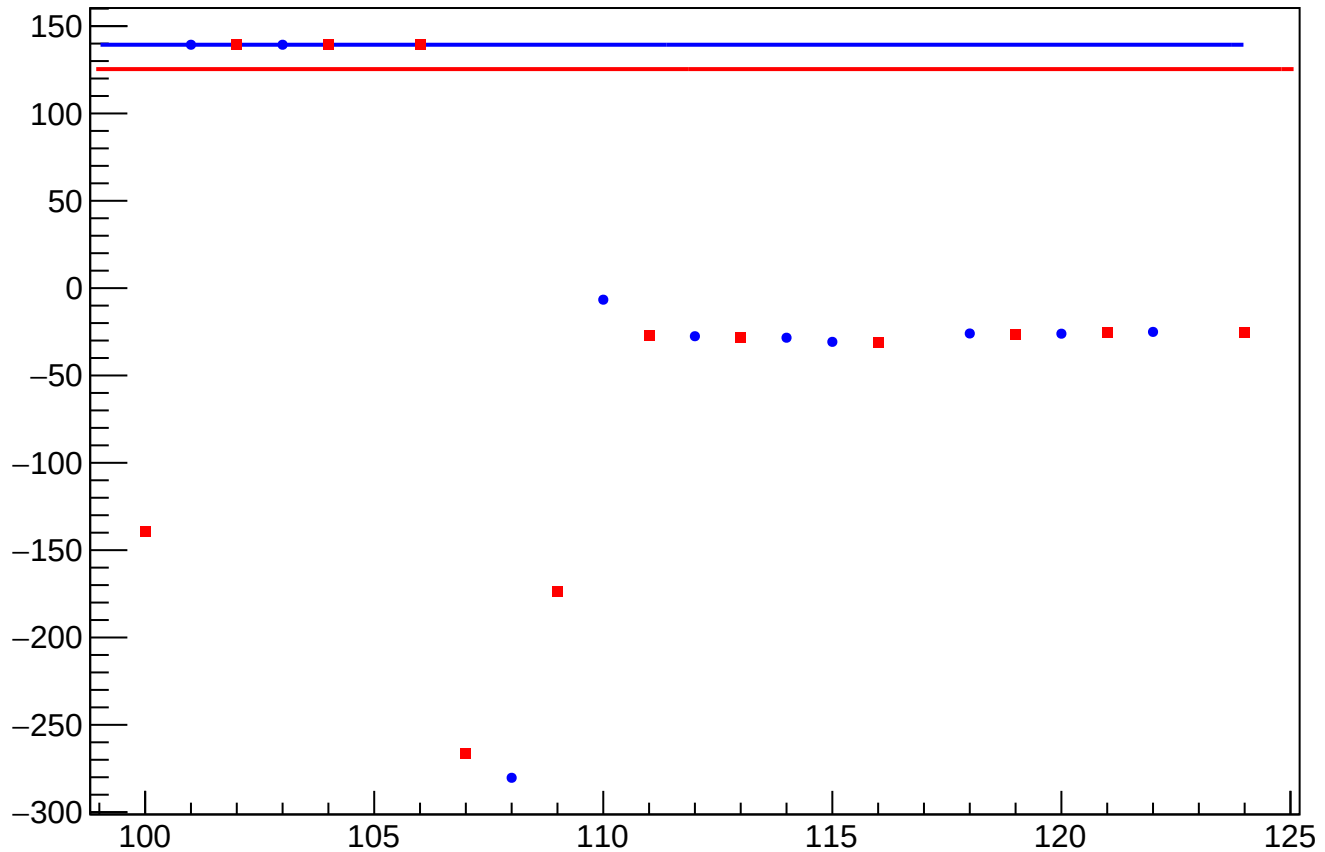
Right: 1048.366+/-0.259 χ^2/NDF : 845208.6/21

In: 1092.528+/-0.395 χ^2/NDF : 457593.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1048.366+/-0.259 χ^2/NDF : 845208.6/21

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338 $\pm$ 0.000 χ^2 /NDF: 23019792353.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774156264183873.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

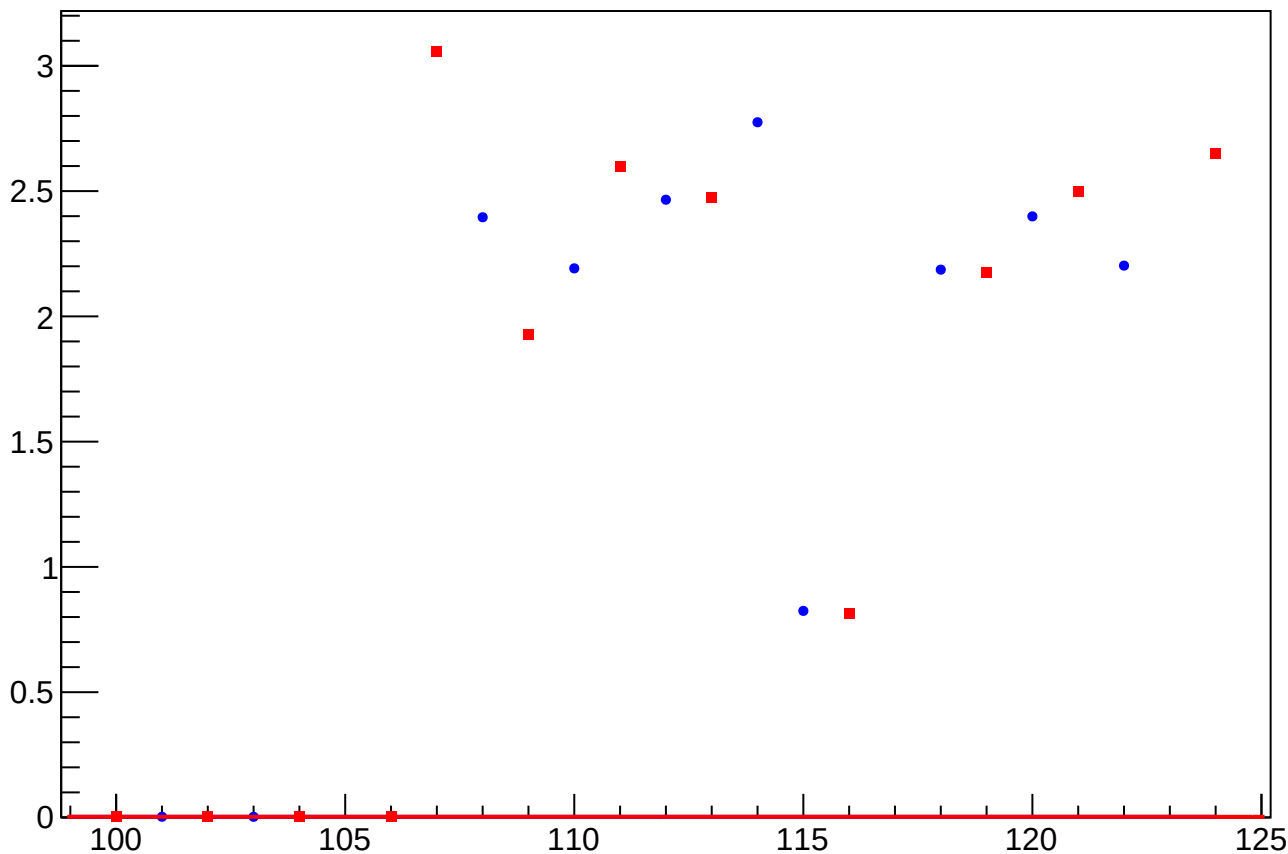
Right: 131.819 $\pm$ 0.000 χ^2 /NDF: 792964737245746

In: 139.338 $\pm$ 0.000 χ^2 /NDF:23019792353.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792964737245

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4672019.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5216519.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

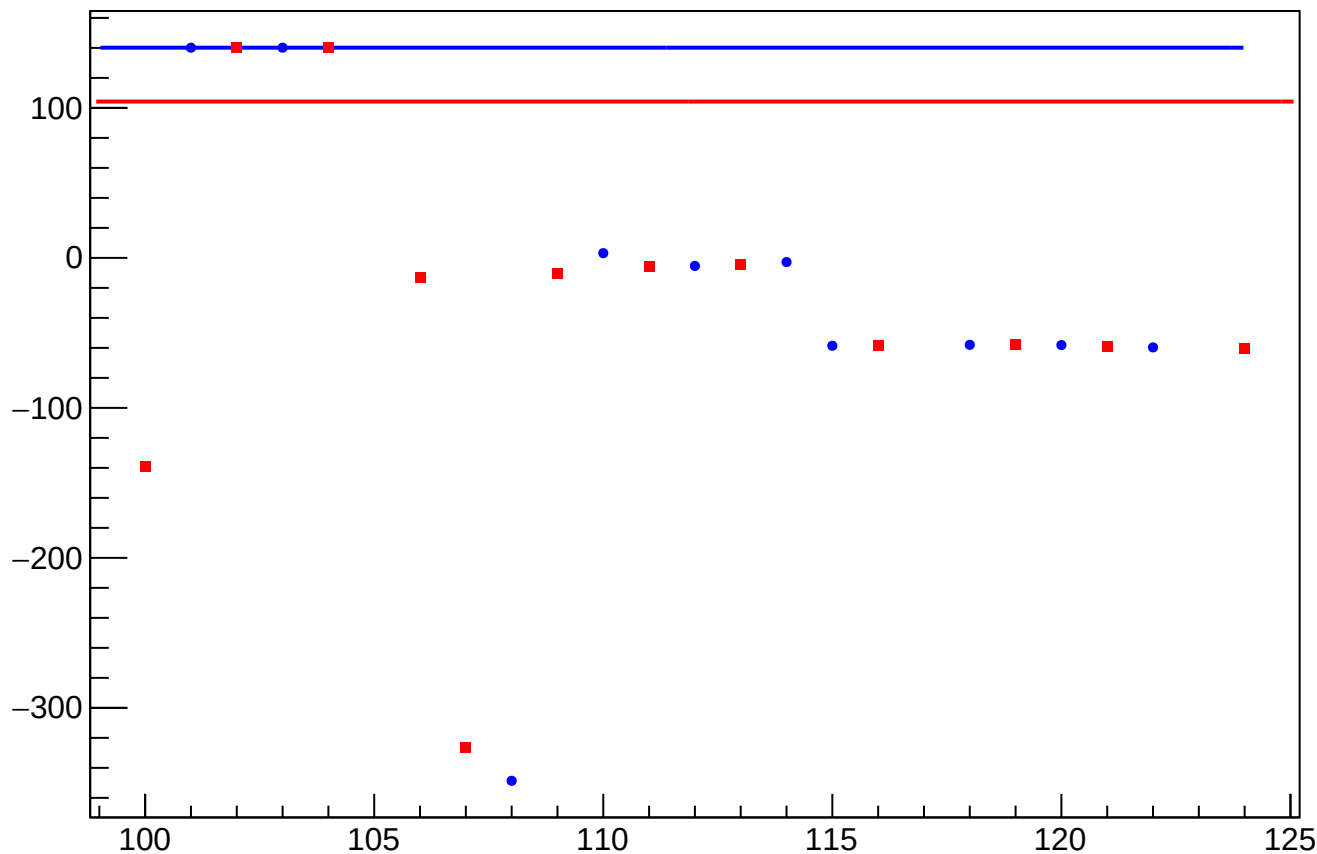
Right: 0.003+/-0.000 χ^2/NDF : 9888698.4/21

In: 0.003+/-0.000 χ^2/NDF :4672019.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9888698.4/21

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.148+/-0.000 χ^2/NDF : 33778433153.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.227+/-0.000 χ^2/NDF : 1257318231300518.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

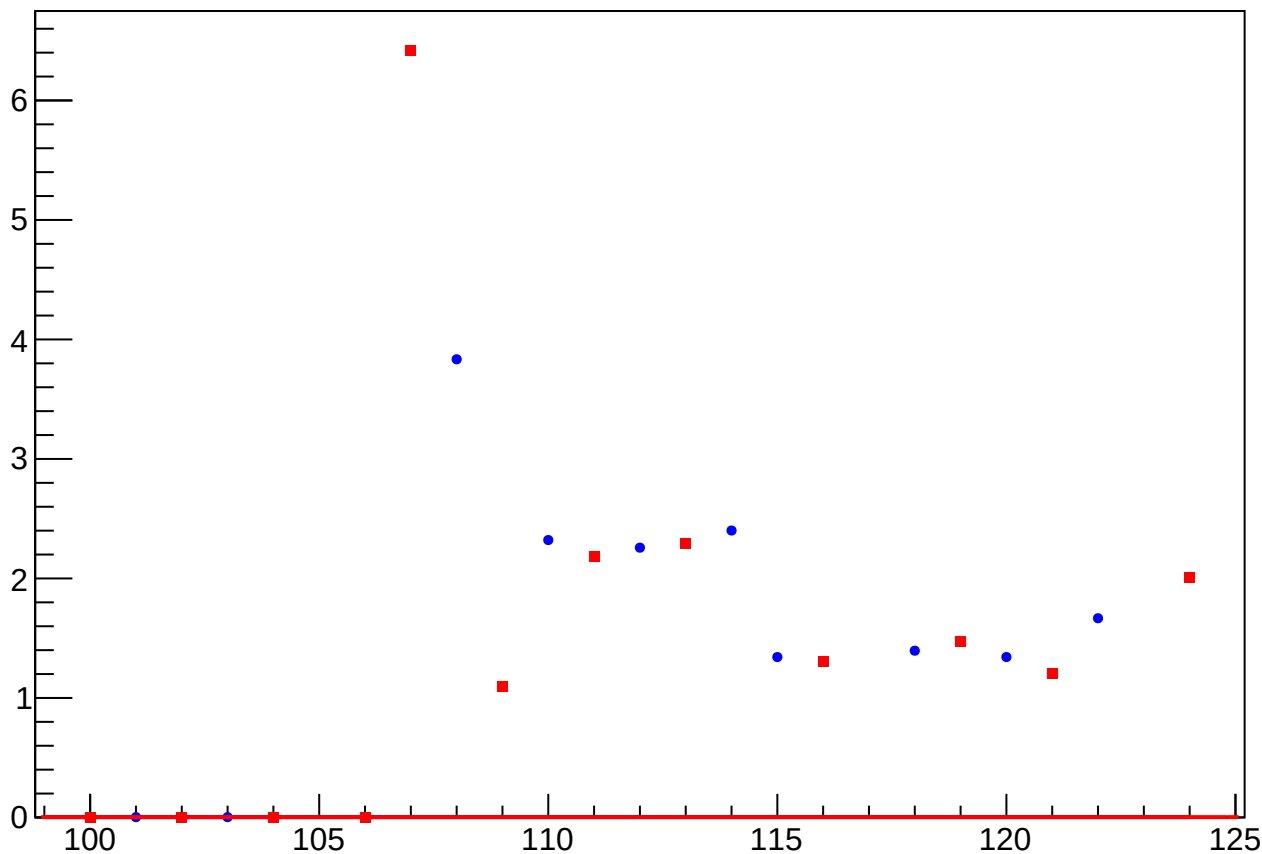
Right: 120.835+/-0.000 χ^2/NDF : 138066876240318

In: 140.148+/-0.000 χ^2/NDF : 33778433153.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.835+/-0.000 χ^2/NDF : 138066876240

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 5058014.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5265189.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

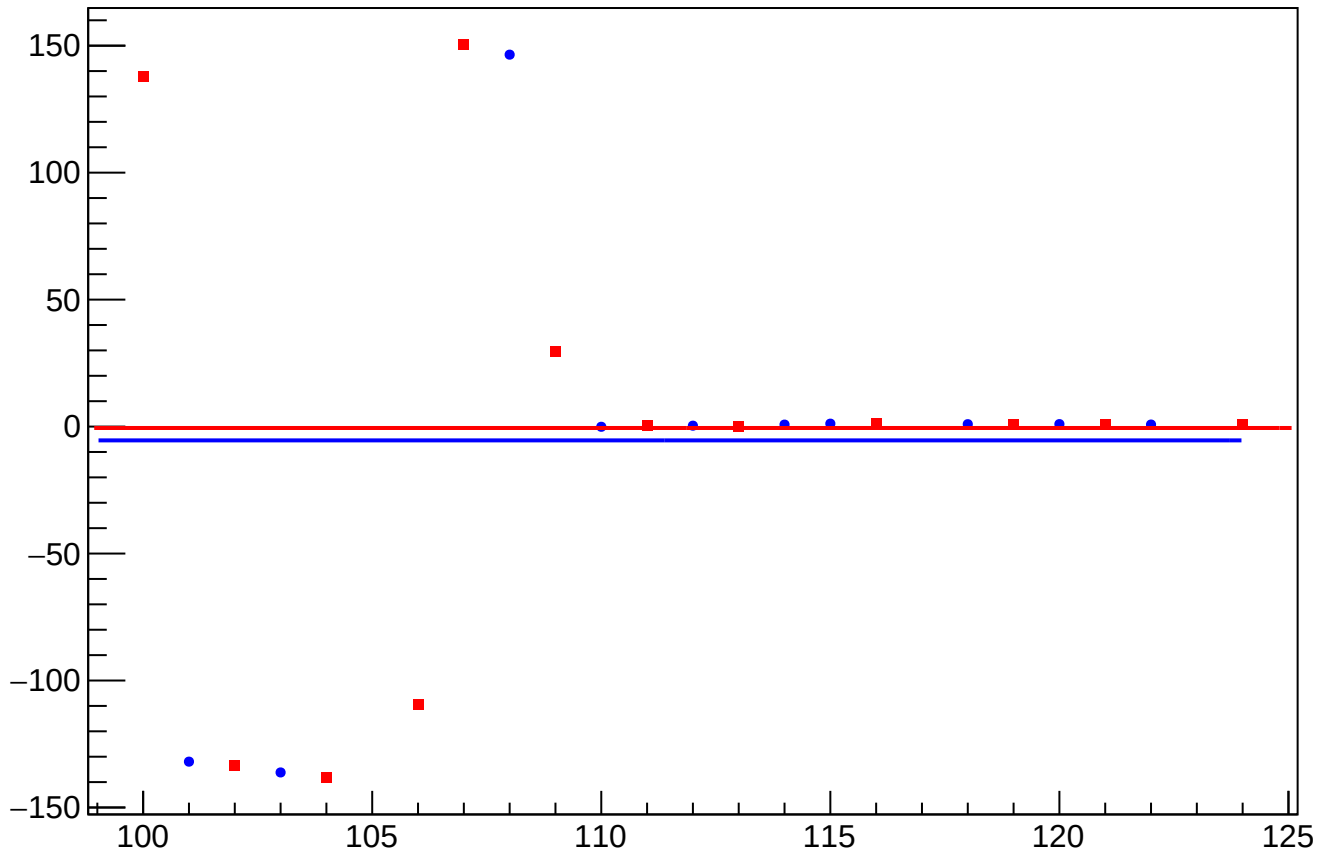
Right: 0.003+/-0.000 χ^2/NDF : 10323356.3/21

In: 0.003+/-0.000 χ^2/NDF :5058014.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 10323356.3/21

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -5.433+/-0.000 χ^2/NDF : 9734901088.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.551+/-0.000 χ^2/NDF : 3602578573.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

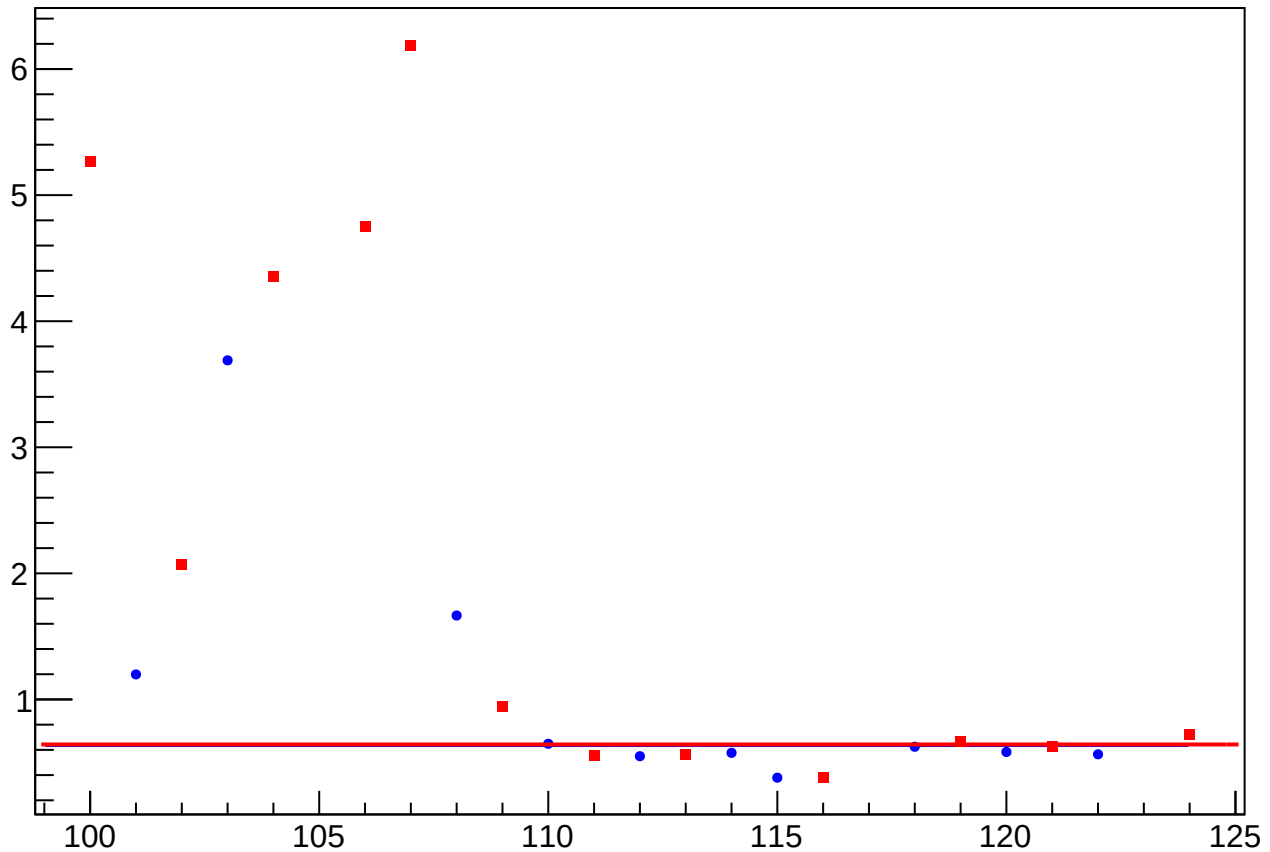
Right: -2.984+/-0.000 χ^2/NDF : 13418032699.6/21

In: -5.433+/-0.000 χ^2/NDF :9734901088.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.984+/-0.000 χ^2/NDF : 13418032699.6/21

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.638+/-0.000 χ^2/NDF : 1286409.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.643+/-0.000 χ^2/NDF : 2289881.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

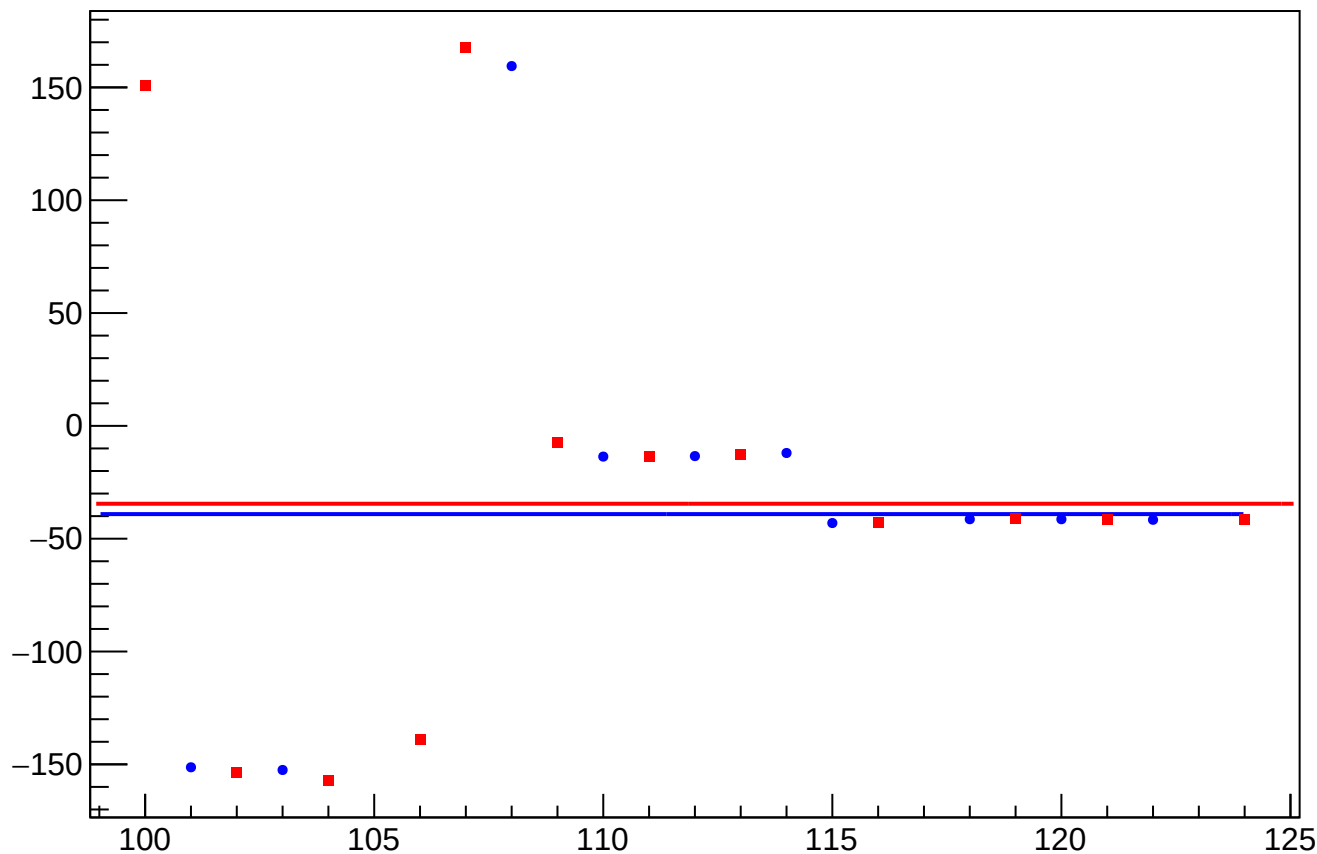
Right: 0.641+/-0.000 χ^2/NDF : 3576426.4/21

In: 0.638+/-0.000 χ^2/NDF : 1286409.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.641+/-0.000 χ^2/NDF : 3576426.4/21

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -39.104+/-0.000 χ^2/NDF : 3420432991.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -34.510+/-0.000 χ^2/NDF : 2262538564.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

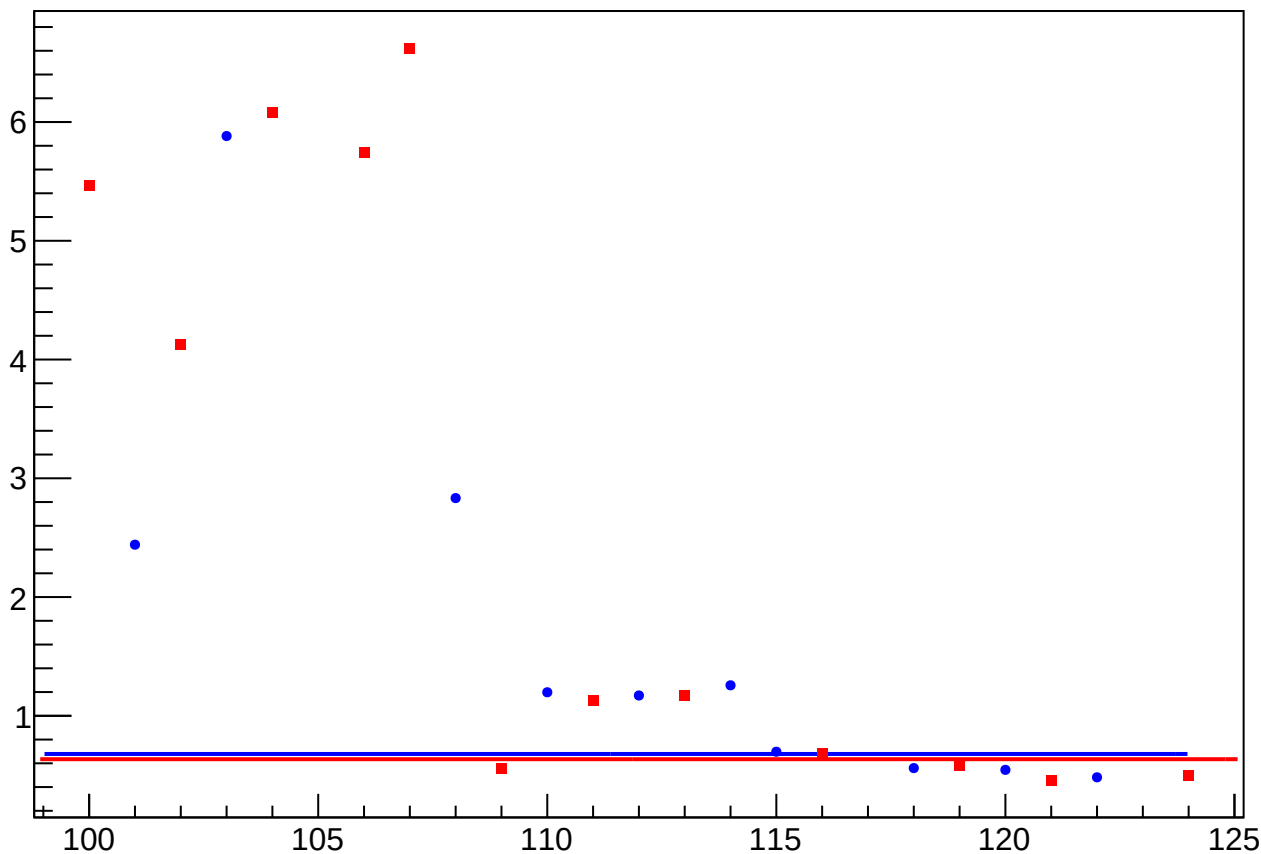
Right: -36.611+/-0.000 χ^2/NDF : 5746024701.0/21

In: -39.104+/-0.000 χ^2/NDF :3420432991.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -36.611+/-0.000 χ^2/NDF : 5746024701.0/21

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.679+/-0.000 χ^2/NDF : 2430111.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.635+/-0.000 χ^2/NDF : 2893158.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

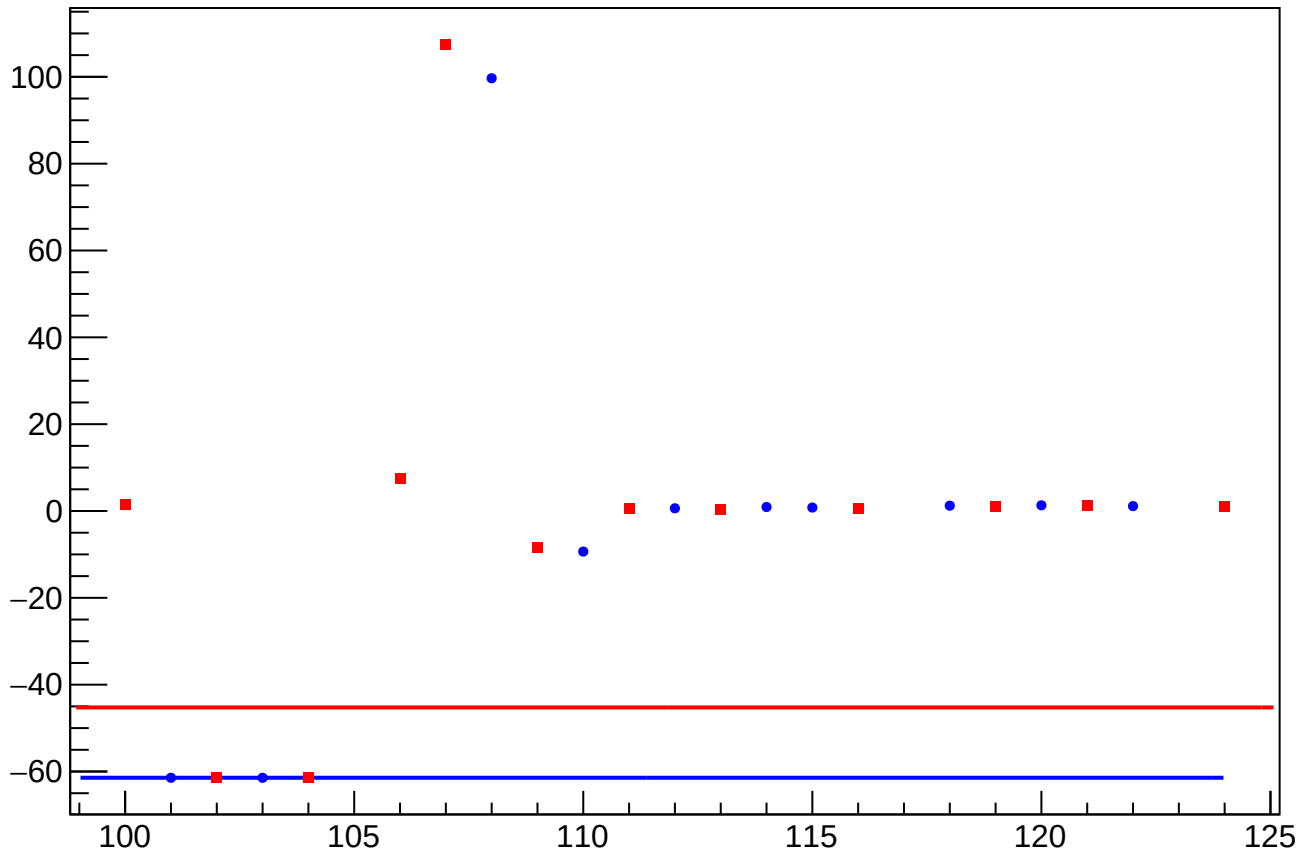
Right: 0.655+/-0.000 χ^2/NDF : 5334845.6/21

In: 0.679+/-0.000 χ^2/NDF :2430111.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

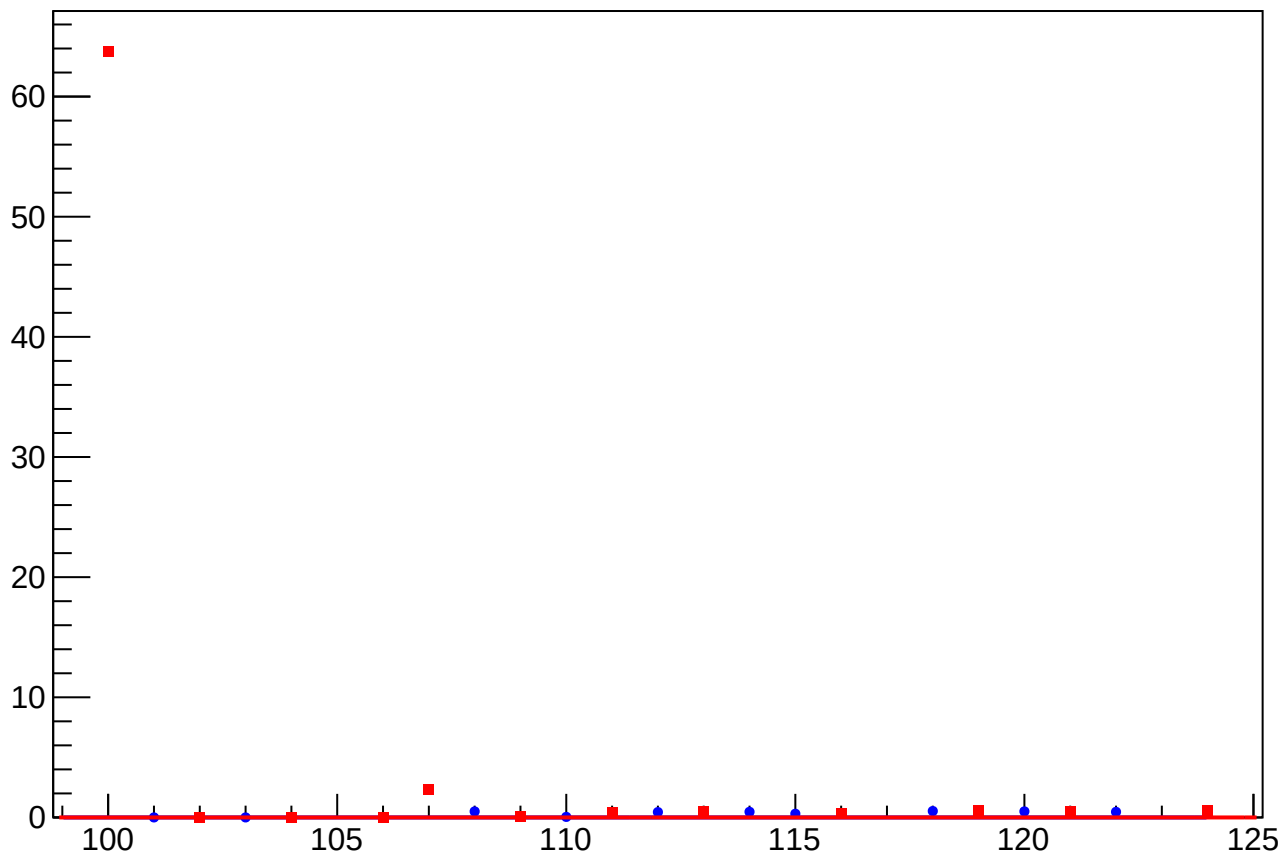
All: 0.655+/-0.000 χ^2/NDF : 5334845.6/21

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.438+/-0.000 χ^2/NDF : 219878522639.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.246+/-0.000 χ^2/NDF : 357849226606491.4/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.751+/-0.000 χ^2/NDF : 409053709377101

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4259006.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4864929.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

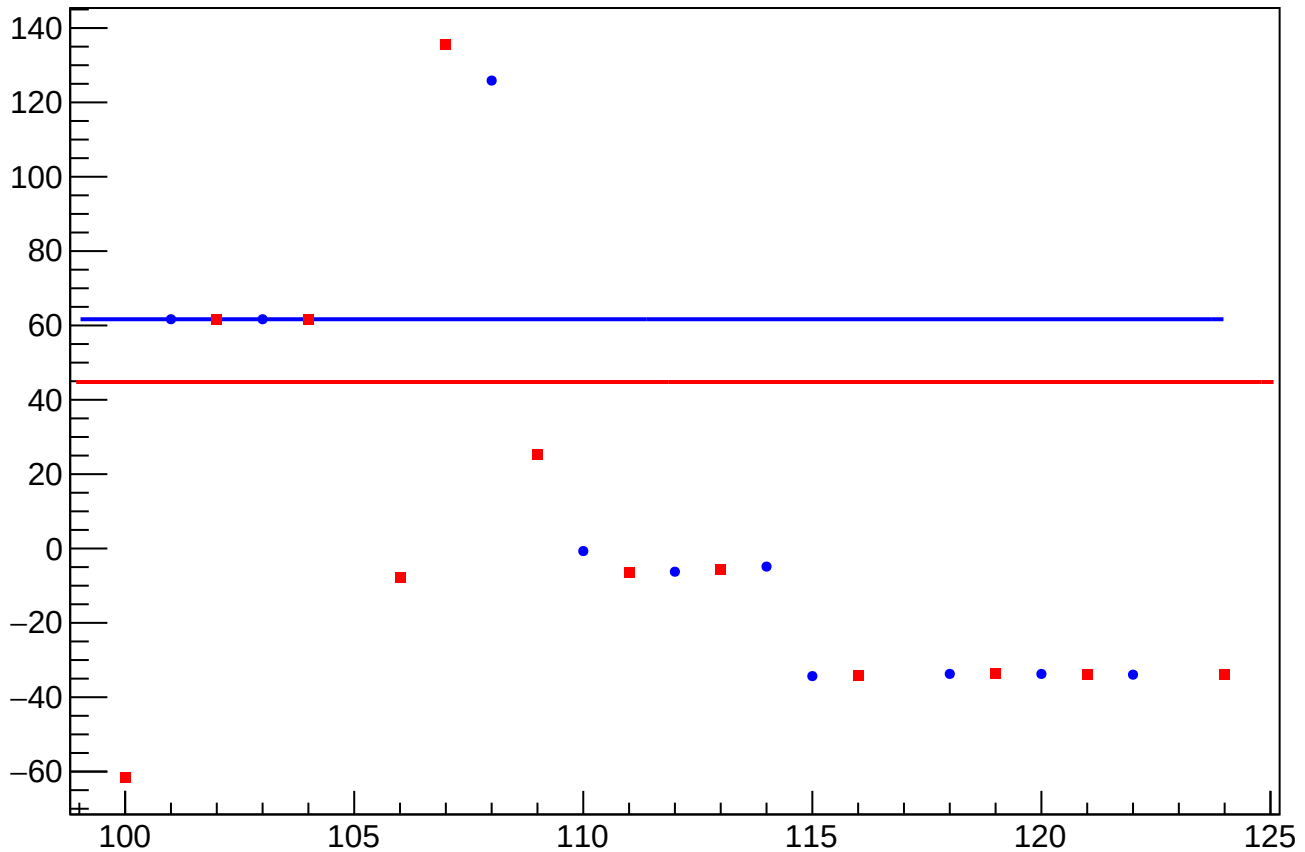
Right: 0.001+/-0.000 χ^2/NDF : 9123937.7/21

In: 0.001+/-0.000 χ^2/NDF : 4259006.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9123937.7/21

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.670+/-0.000 χ^2/NDF : 103232667233.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.791+/-0.000 χ^2/NDF : 365940565447878.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

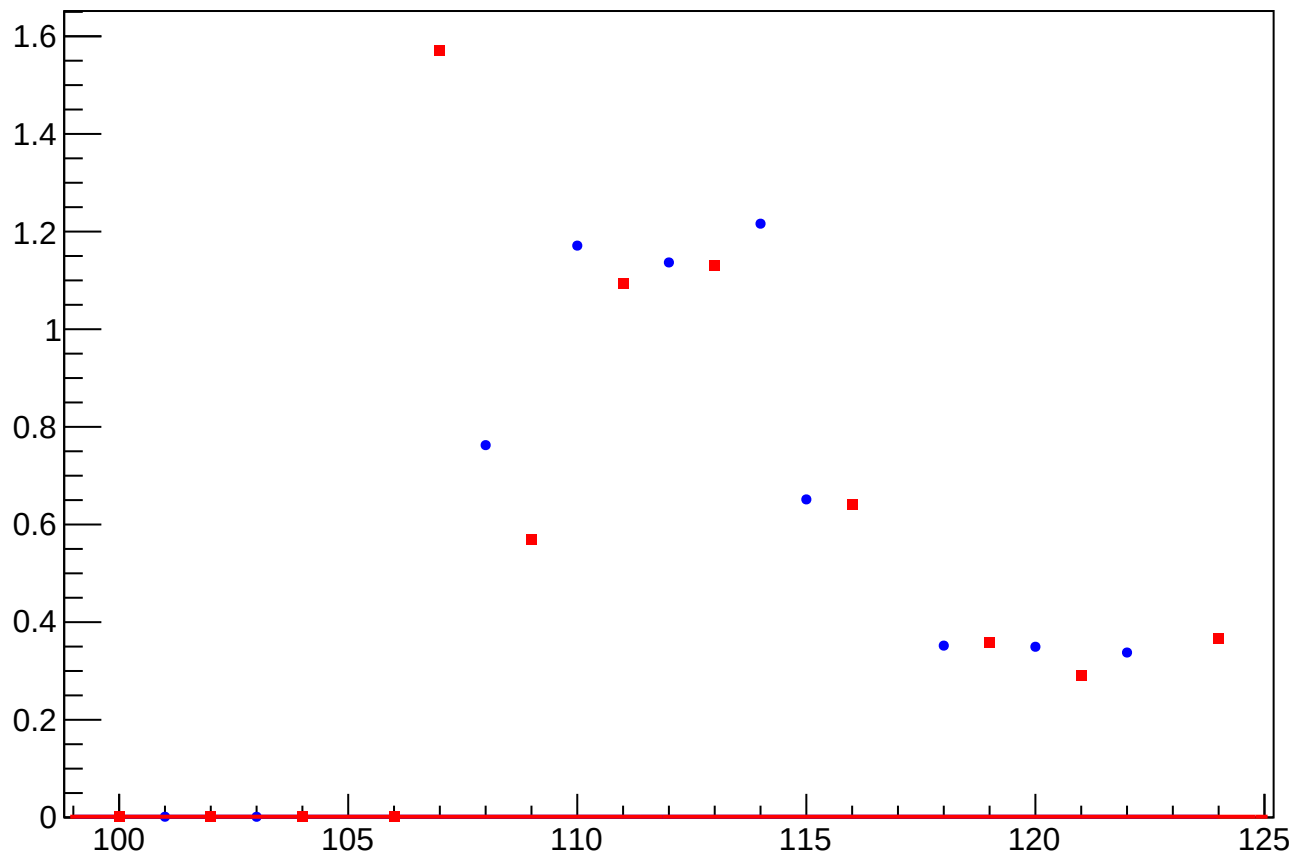
Right: 52.695+/-0.000 χ^2/NDF : 417162846643853.0

In: 61.670+/-0.000 χ^2/NDF : 103232667233.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.695+/-0.000 χ^2/NDF : 417162846643853.0

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5230740.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5394654.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

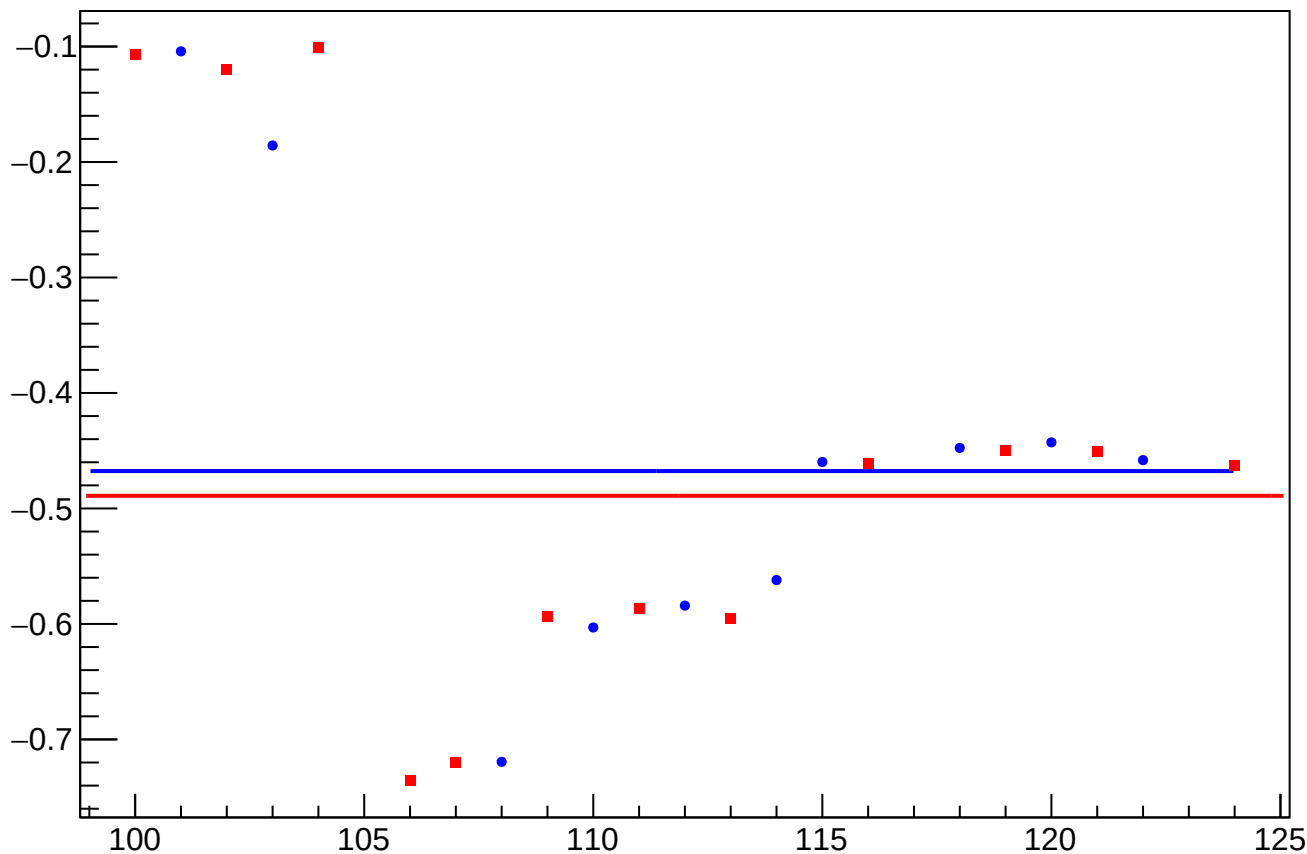
Right: 0.002+/-0.000 χ^2/NDF : 10625617.1/21

In: 0.001+/-0.000 χ^2/NDF :5230740.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10625617.1/21

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.468+/-0.000 χ^2/NDF : 106383138.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.489+/-0.000 χ^2/NDF : 100311939.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

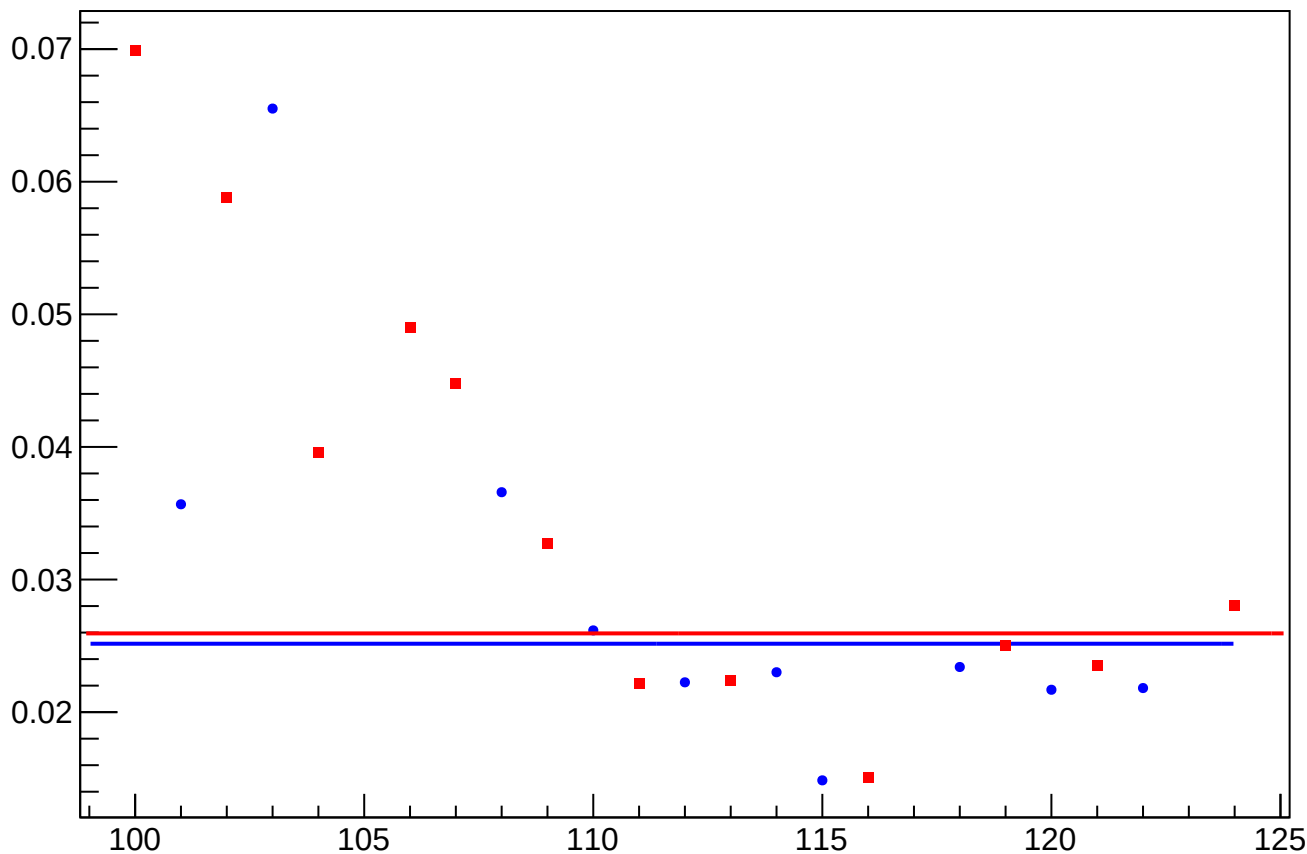
Right: -0.479+/-0.000 χ^2/NDF : 207846165.6/21

In: -0.468+/-0.000 χ^2/NDF :106383138.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.479+/-0.000 χ^2/NDF : 207846165.6/21

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 740668.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 976500.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

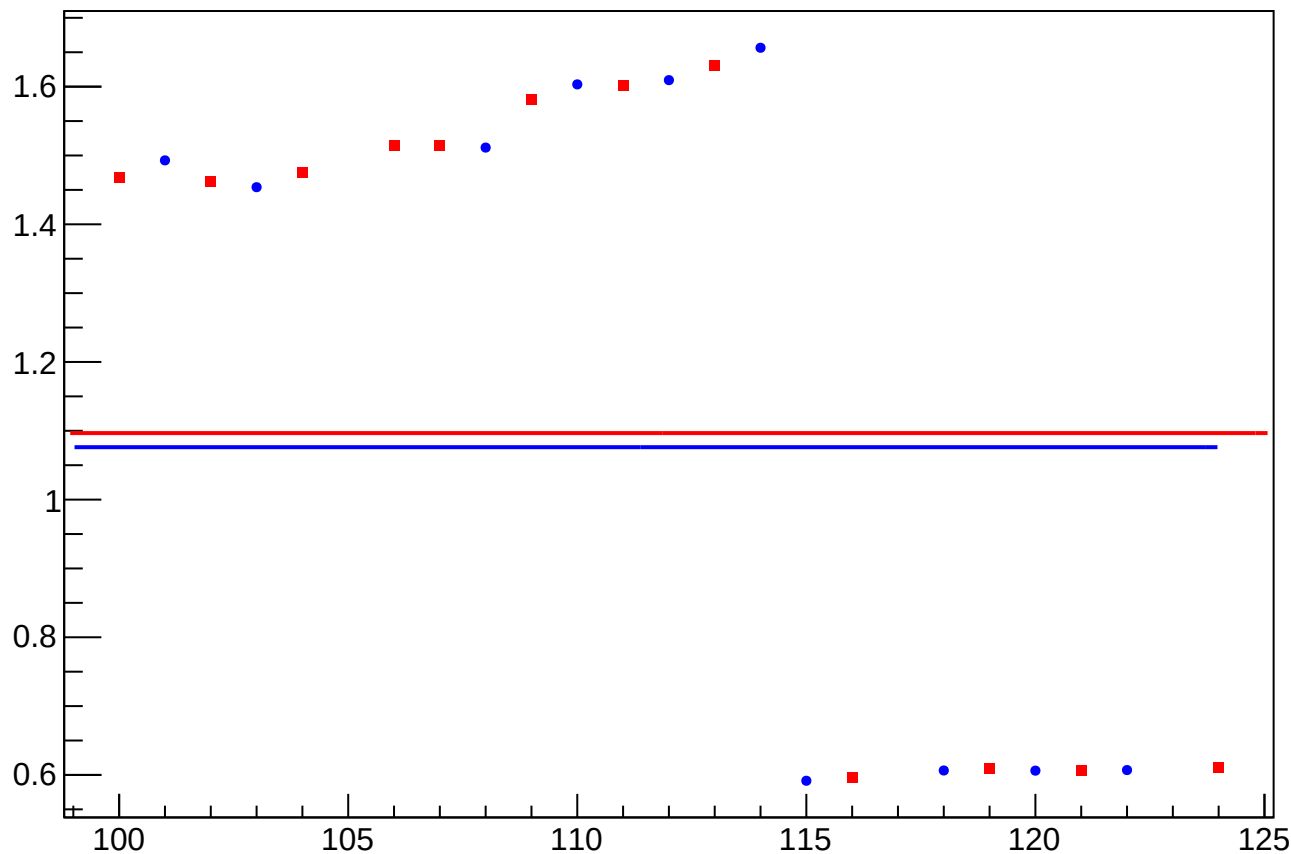
Right: 0.026+/-0.000 χ^2/NDF : 1720218.8/21

In: 0.025+/-0.000 χ^2/NDF : 740668.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 1720218.8/21

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.076+/-0.000 χ^2/NDF : 2350485852.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.097+/-0.000 χ^2/NDF : 2729858270.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

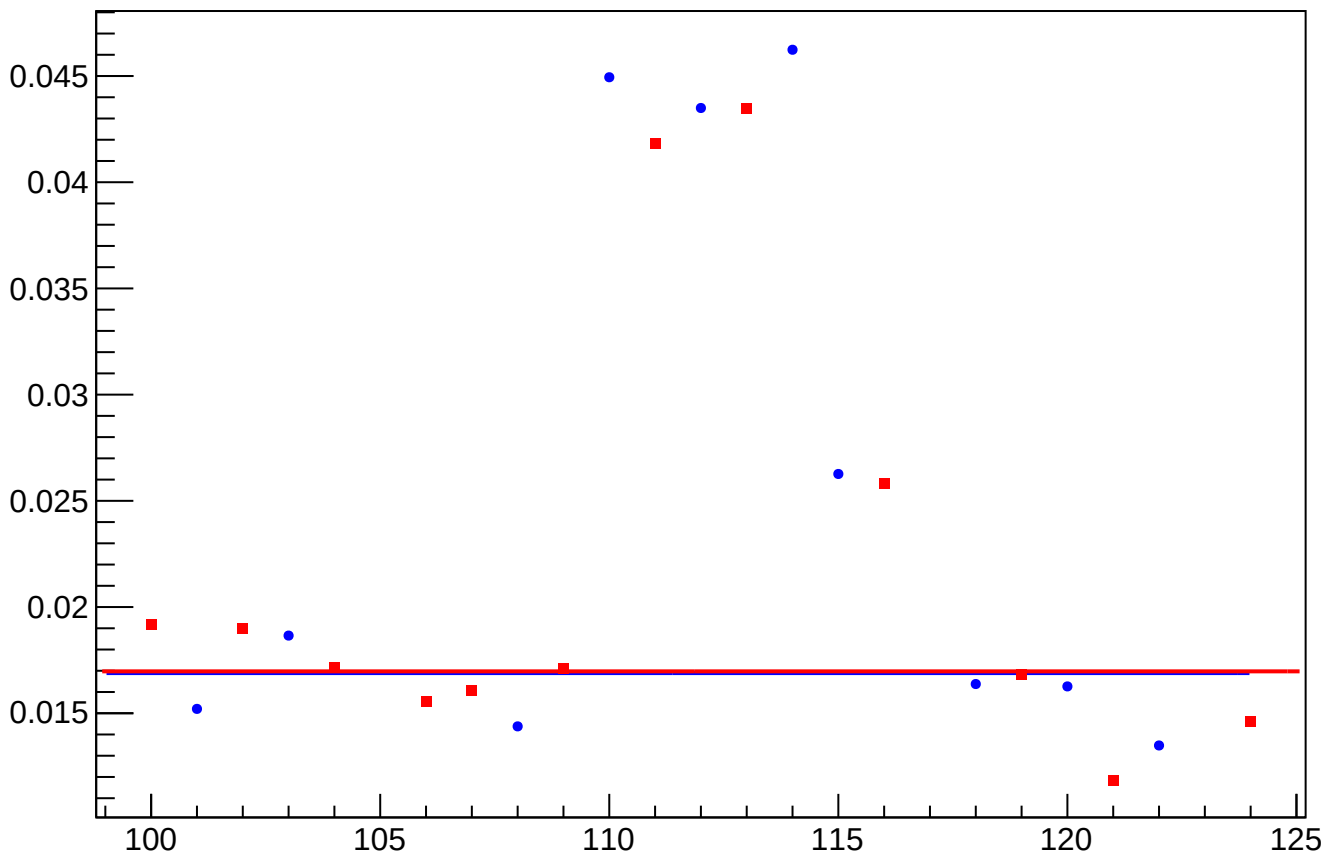
Right: 1.087+/-0.000 χ^2/NDF : 5082981676.1/21

In: 1.076+/-0.000 χ^2/NDF :2350485852.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.087+/-0.000 χ^2/NDF : 5082981676.1/21

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 826567.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 876988.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

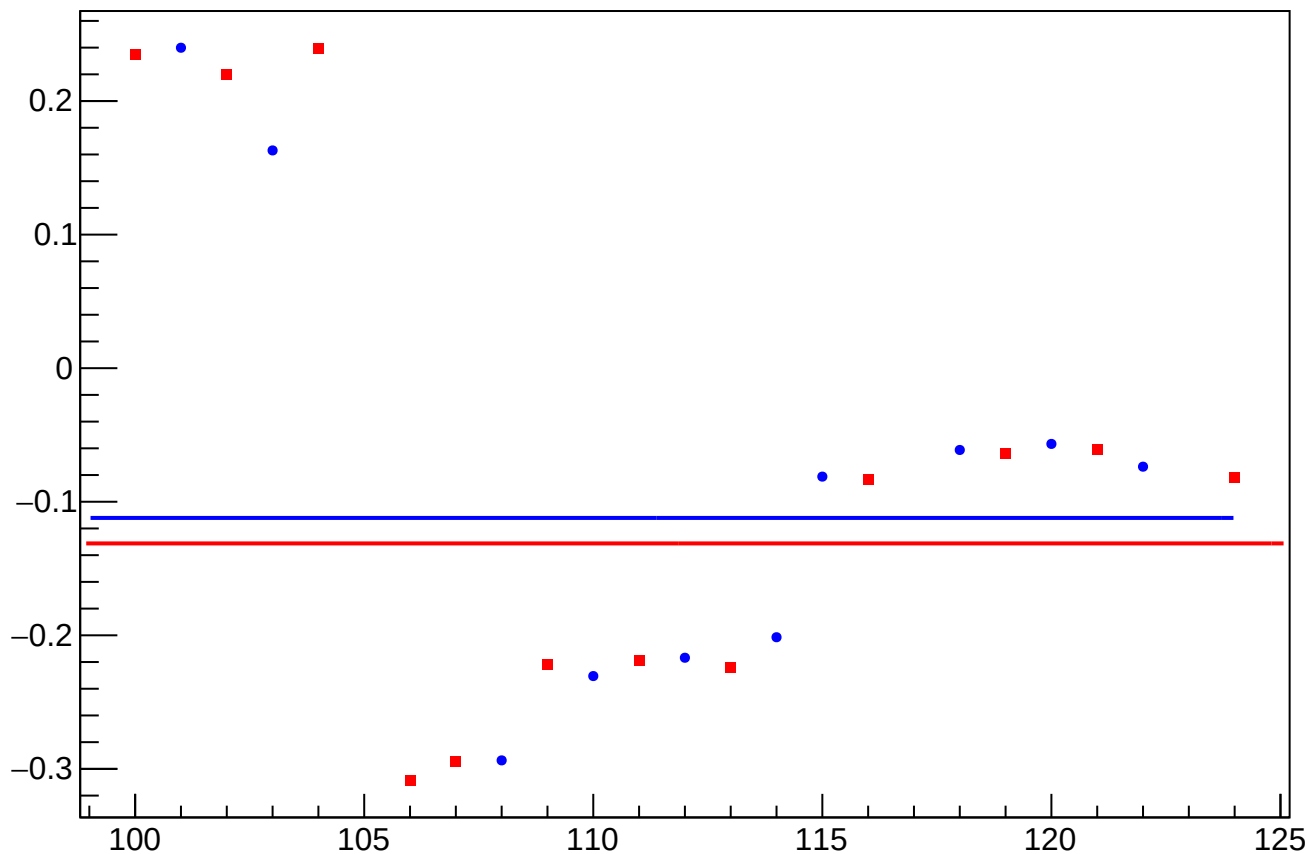
Right: 0.017+/-0.000 χ^2/NDF : 1703639.1/21

In: 0.017+/-0.000 χ^2/NDF :826567.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1703639.1/21

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.112+/-0.000 χ^2/NDF : 103644281.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.131+/-0.000 χ^2/NDF : 102688991.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

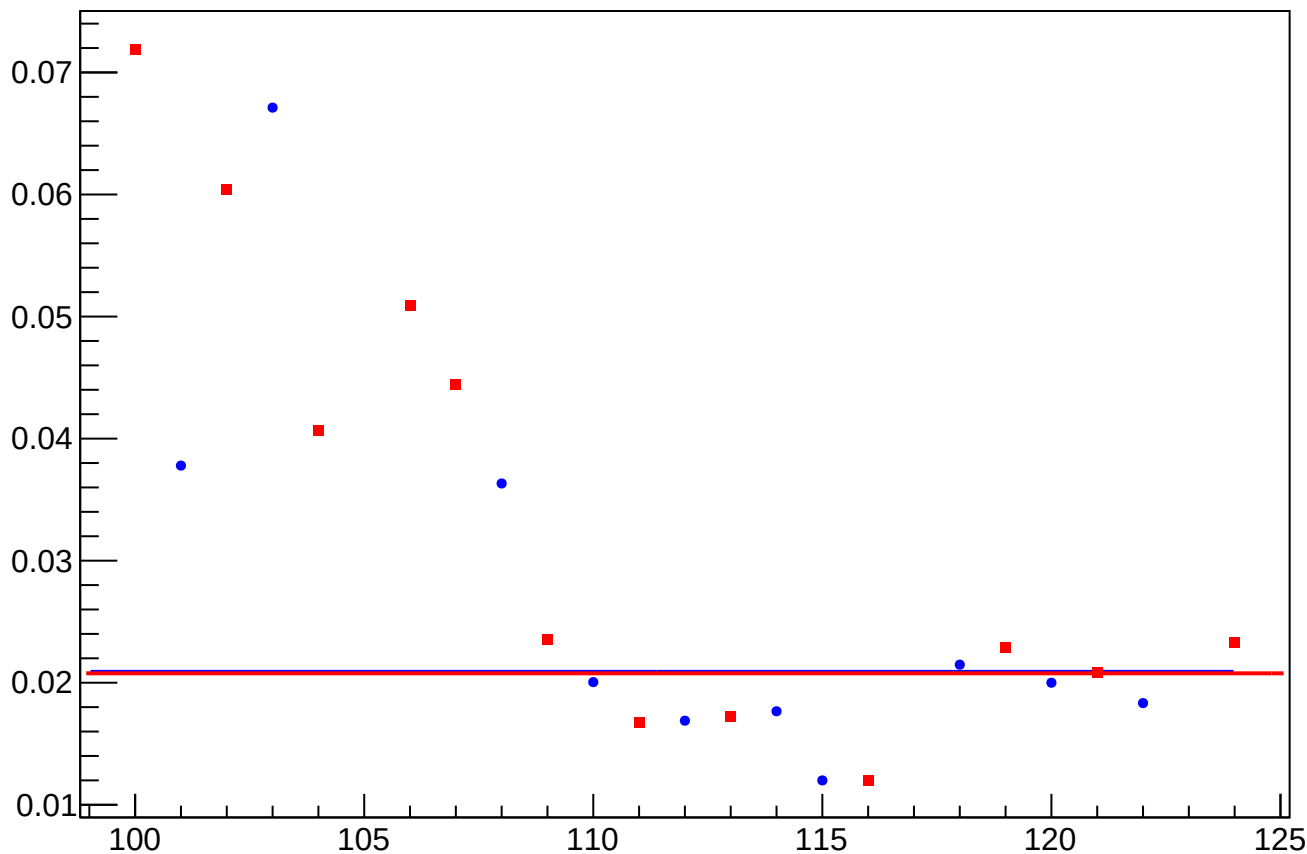
Right: -0.122+/-0.000 χ^2/NDF : 207638683.8/21

In: -0.112+/-0.000 χ^2/NDF :103644281.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.122+/-0.000 χ^2/NDF : 207638683.8/21

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 1065356.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1354446.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

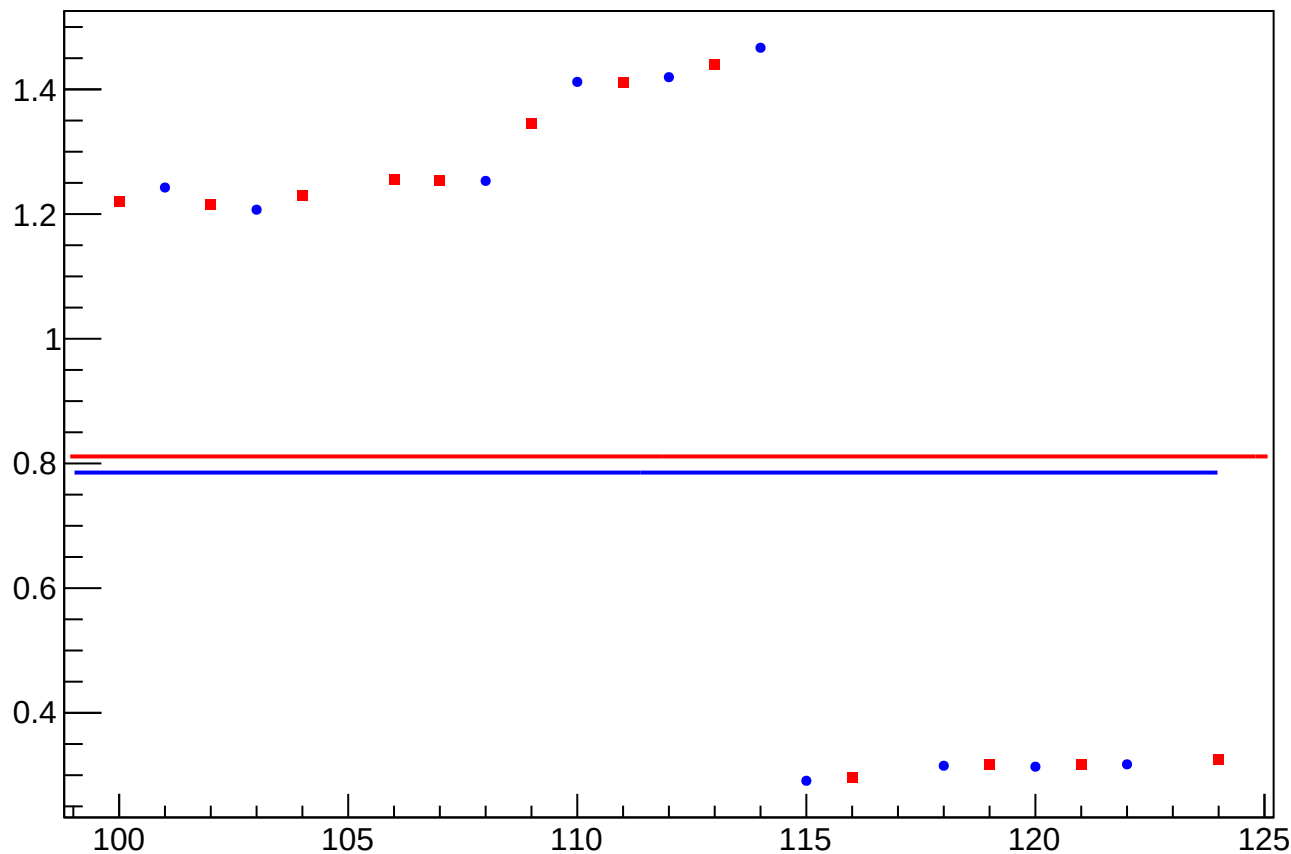
Right: 0.021+/-0.000 χ^2/NDF : 2419903.7/21

In: 0.021+/-0.000 χ^2/NDF :1065356.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2419903.7/21

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.785+/-0.000

χ^2/NDF : 3992968866.8/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.799+/-0.000

χ^2/NDF : 8296338175.8/21

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.785+/-0.000

χ^2/NDF : 3992968866.8/9

Right Out: 0.811+/-0.000

χ^2/NDF : 4297103035.0/11

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

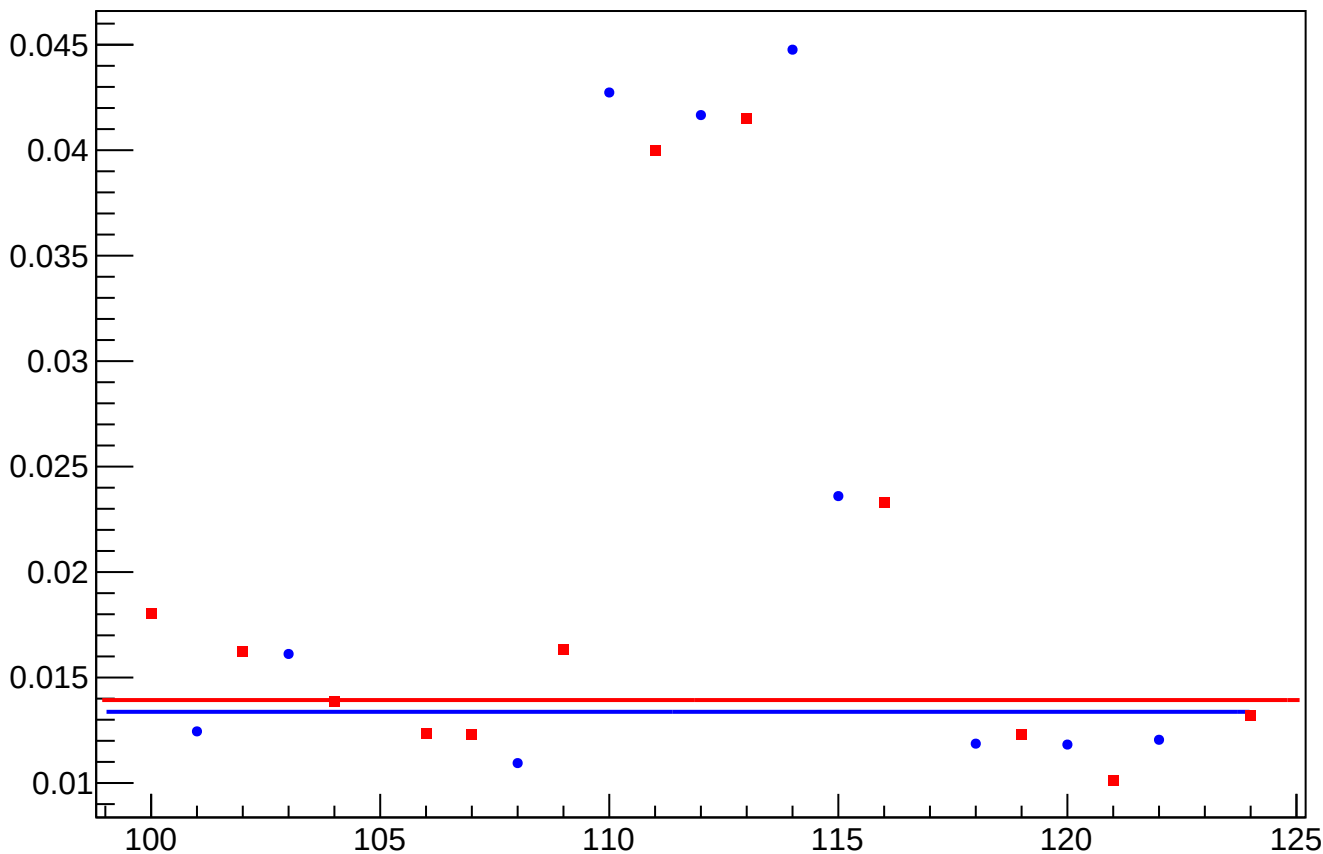
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.799+/-0.000

χ^2/NDF : 8296338175.8/21

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1003765.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1030663.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

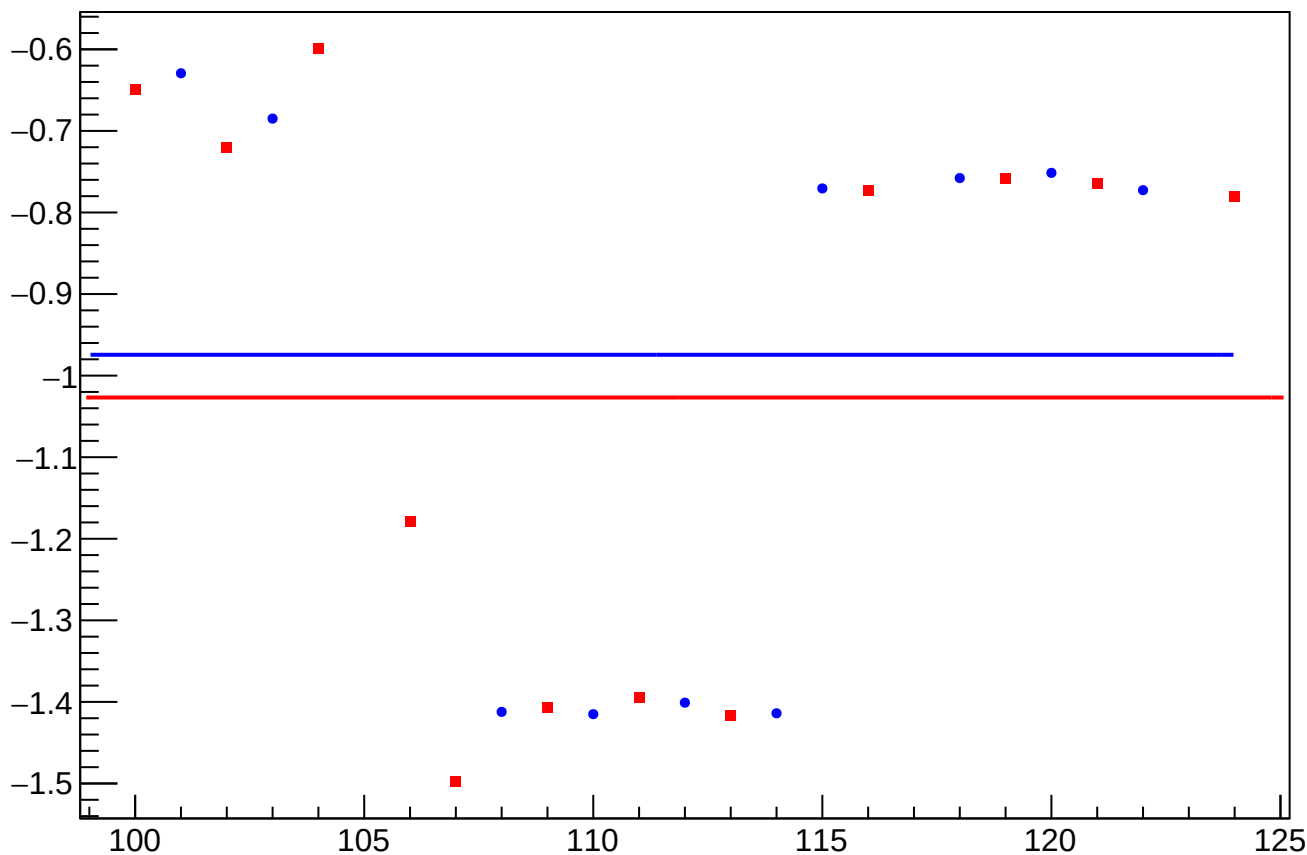
Right: 0.014+/-0.000 χ^2/NDF : 2040254.9/21

In: 0.013+/-0.000 χ^2/NDF :1003765.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2040254.9/21

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.974+/-0.000 χ^2/NDF : 521826432.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.027+/-0.000 χ^2/NDF : 571940055.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

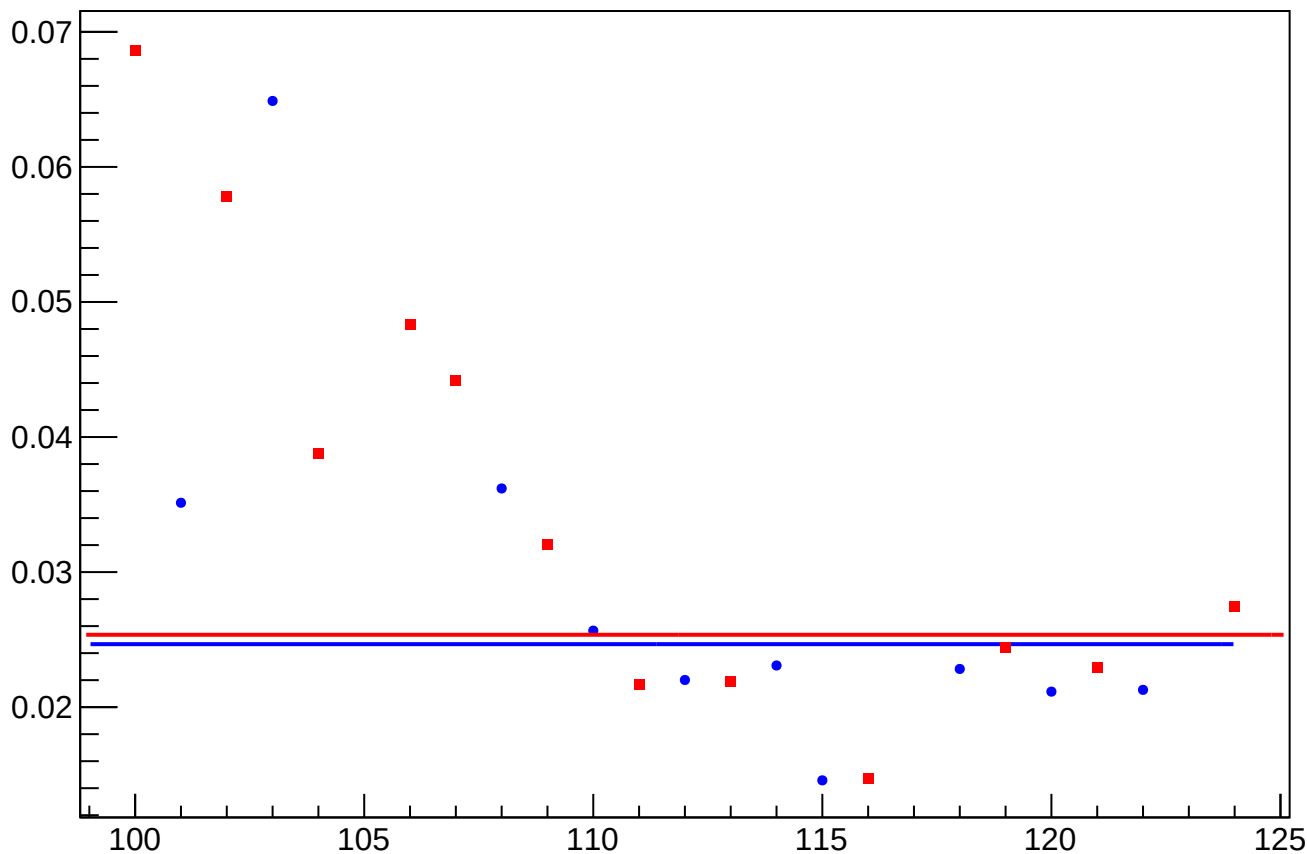
Right: -1.001+/-0.000 χ^2/NDF : 1100931679.5/21

In: -0.974+/-0.000 χ^2/NDF :521826432.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.001+/-0.000 χ^2/NDF : 1100931679.5/2

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 748487.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 984215.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

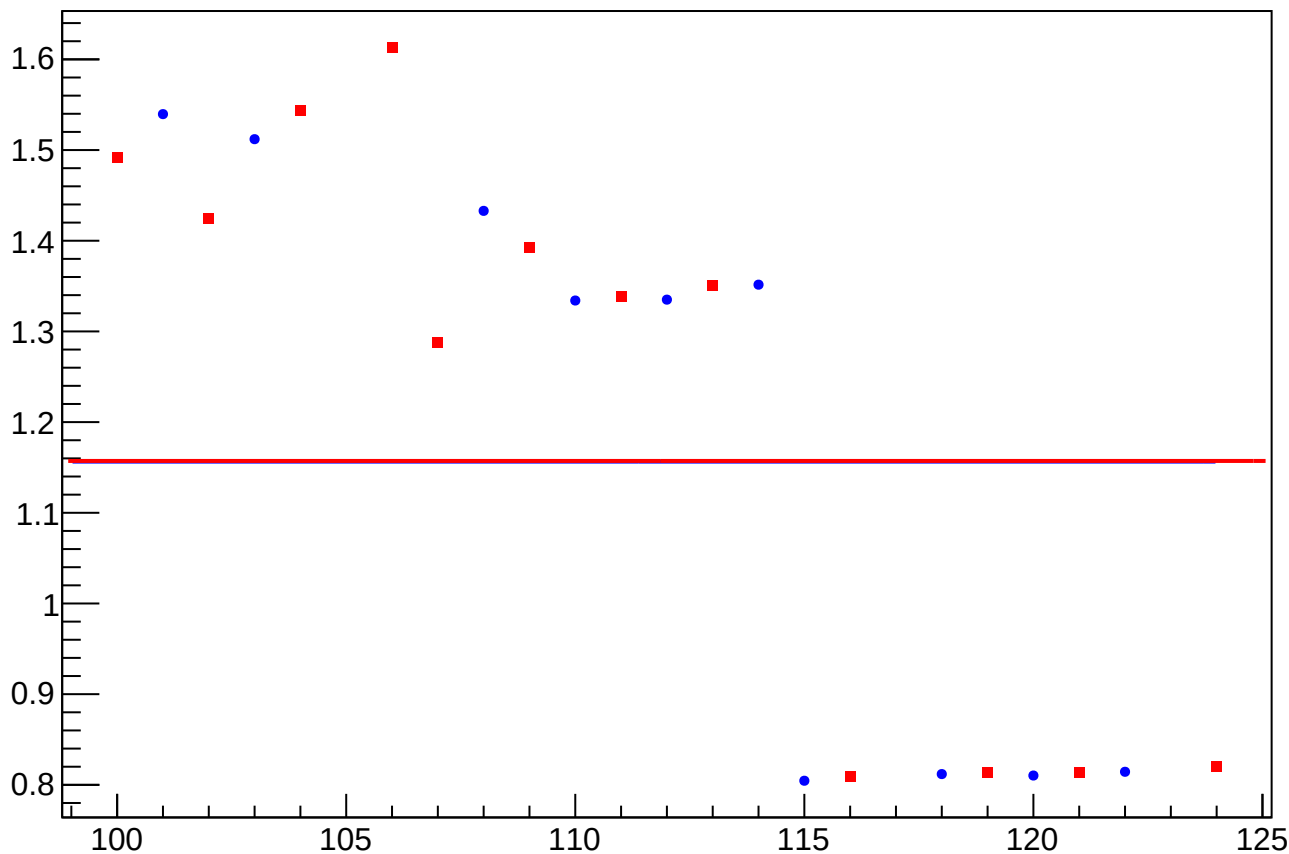
Right: 0.025+/-0.000 χ^2/NDF : 1735231.1/21

In: 0.025+/-0.000 χ^2/NDF : 748487.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1735231.1/21

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.156+/-0.000 χ^2/NDF : 1321831522.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.157+/-0.000 χ^2/NDF : 1428169152.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

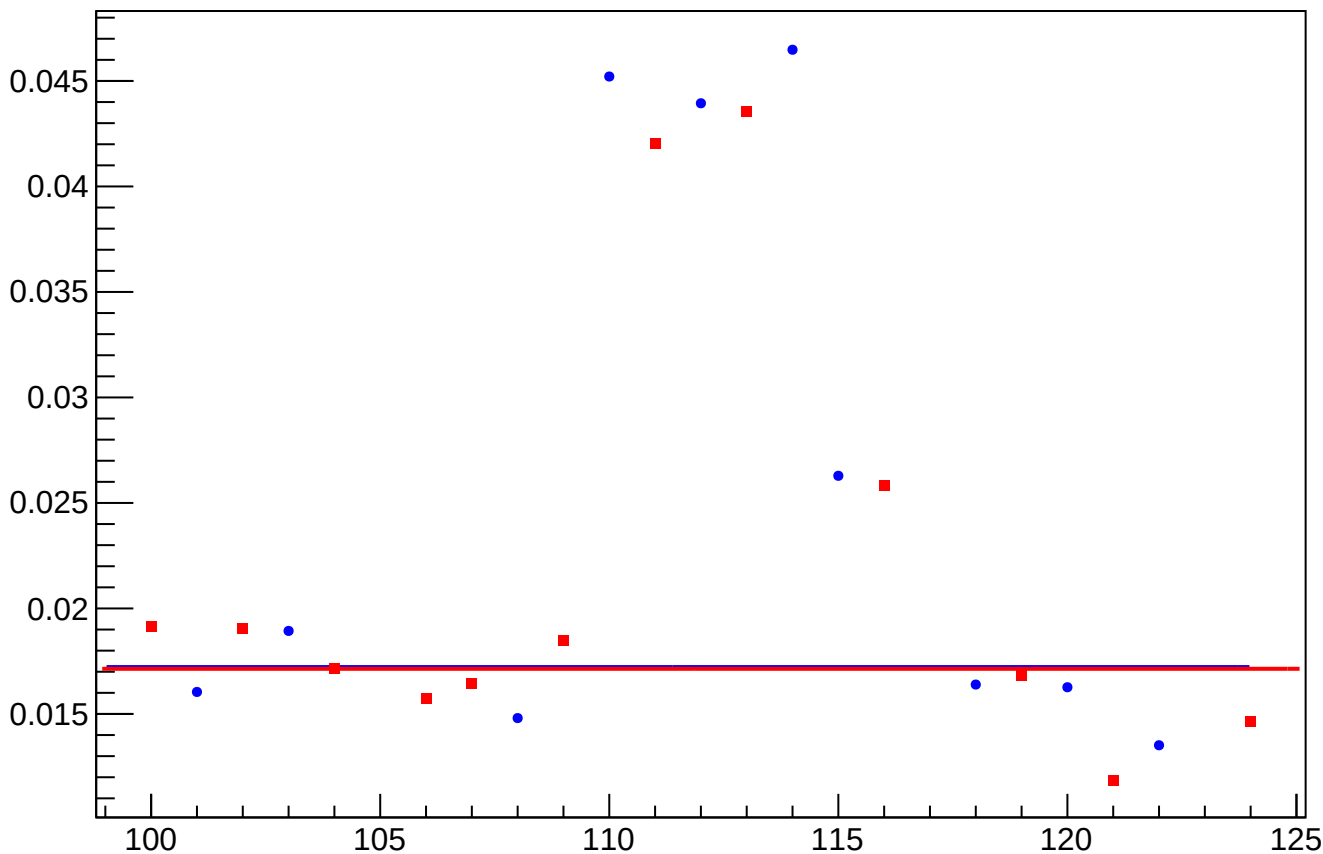
Right: 1.157+/-0.000 χ^2/NDF : 2750003635.1/21

In: 1.156+/-0.000 χ^2/NDF : 1321831522.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.157+/-0.000 χ^2/NDF : 2750003635.1/21

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 814254.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 881487.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

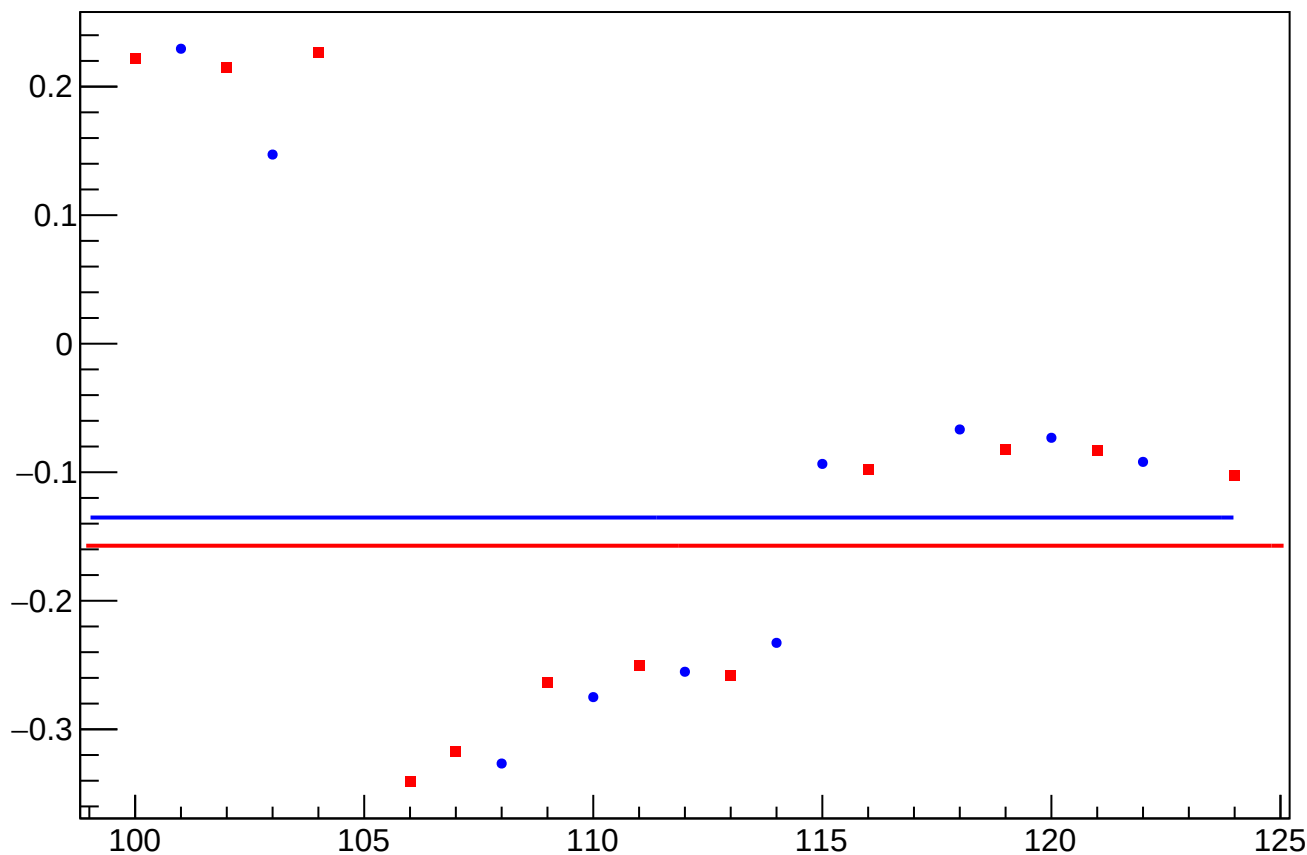
Right: 0.017+/-0.000 χ^2/NDF : 1695822.5/21

In: 0.017+/-0.000 χ^2/NDF : 814254.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1695822.5/21

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.135+/-0.000 χ^2/NDF : 119393945.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.157+/-0.000 χ^2/NDF : 113877699.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

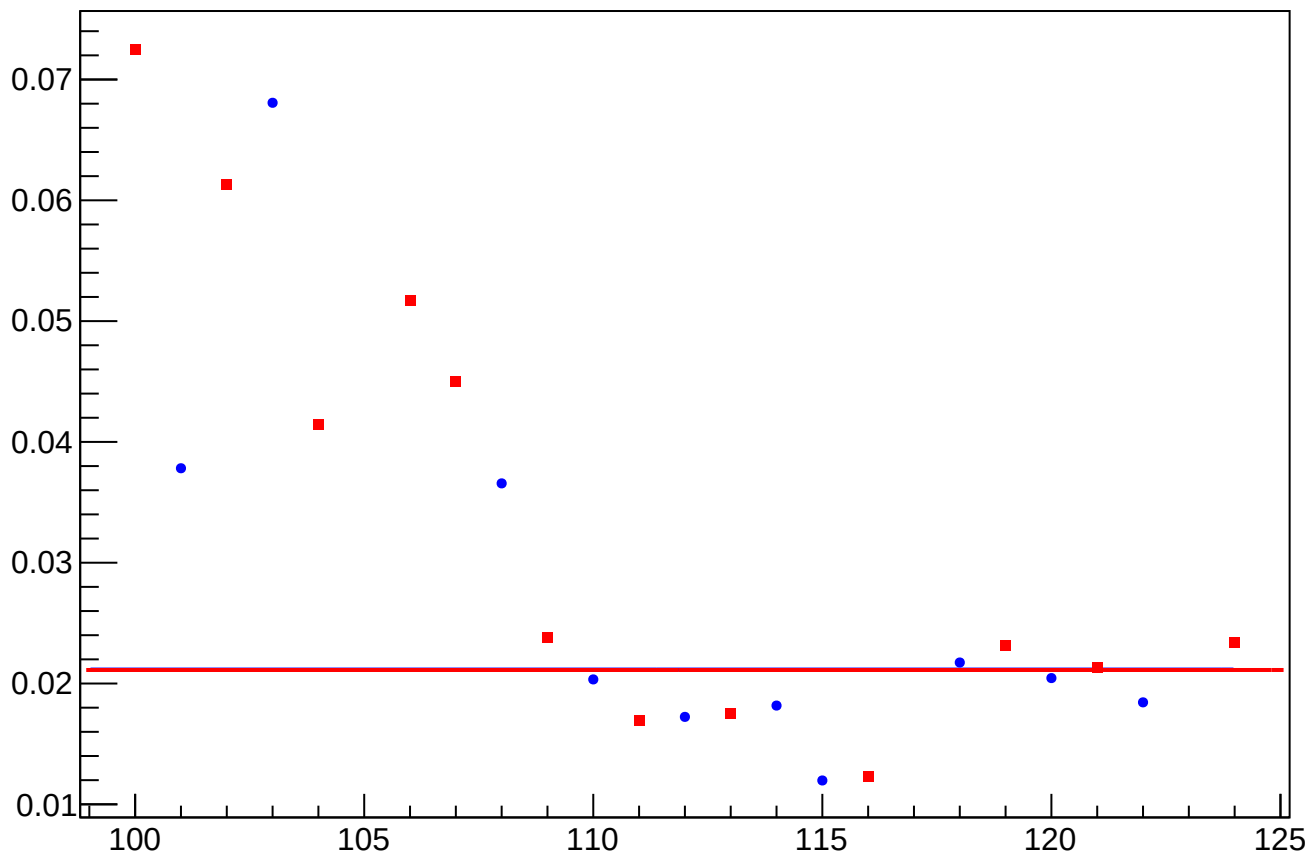
Right: -0.147+/-0.000 χ^2/NDF : 234948364.8/21

In: -0.135+/-0.000 χ^2/NDF :119393945.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.147+/-0.000 χ^2/NDF : 234948364.8/21

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 1056819.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1345840.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

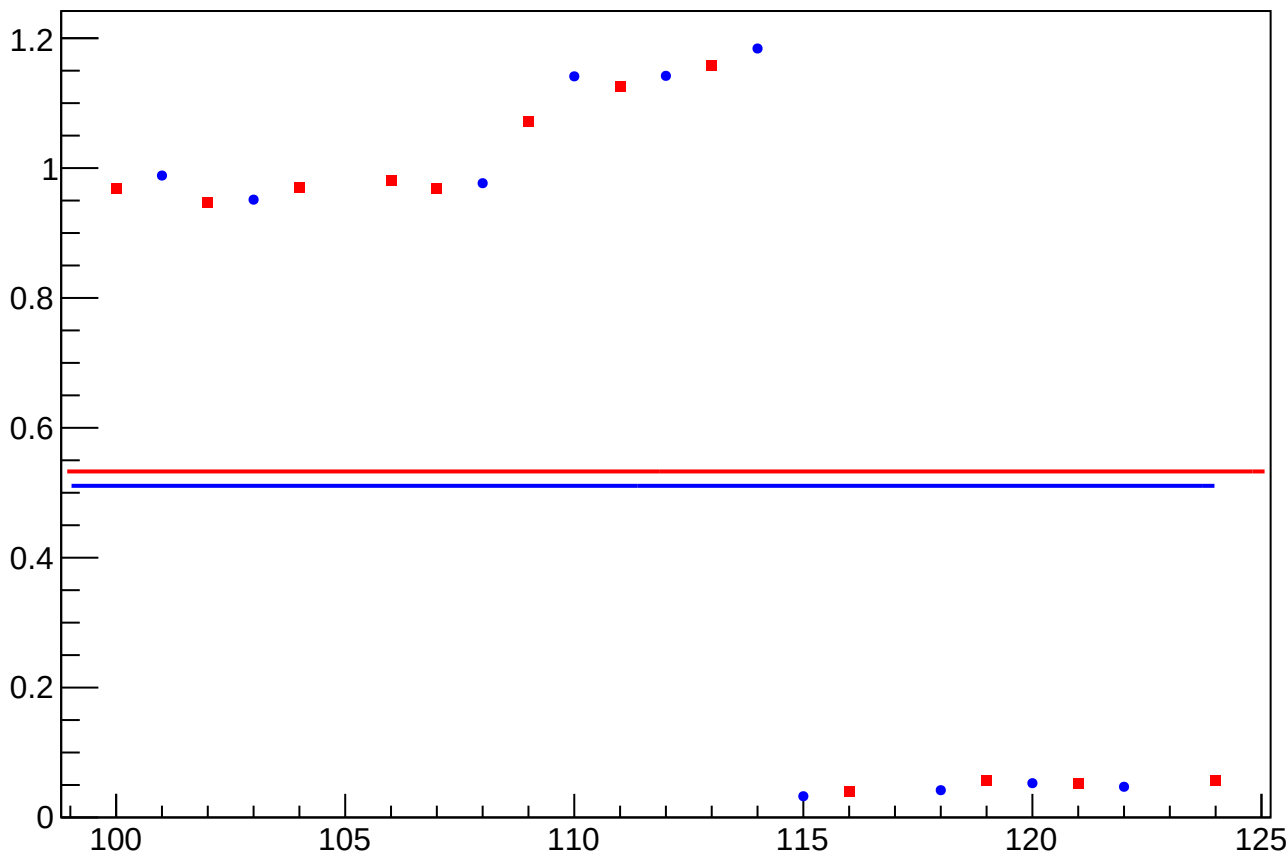
Right: 0.021+/-0.000 χ^2/NDF : 2402668.7/21

In: 0.021+/-0.000 χ^2/NDF : 1056819.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2402668.7/21

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.511+/-0.000 χ^2/NDF : 4105275125.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.533+/-0.000 χ^2/NDF : 4292849871.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

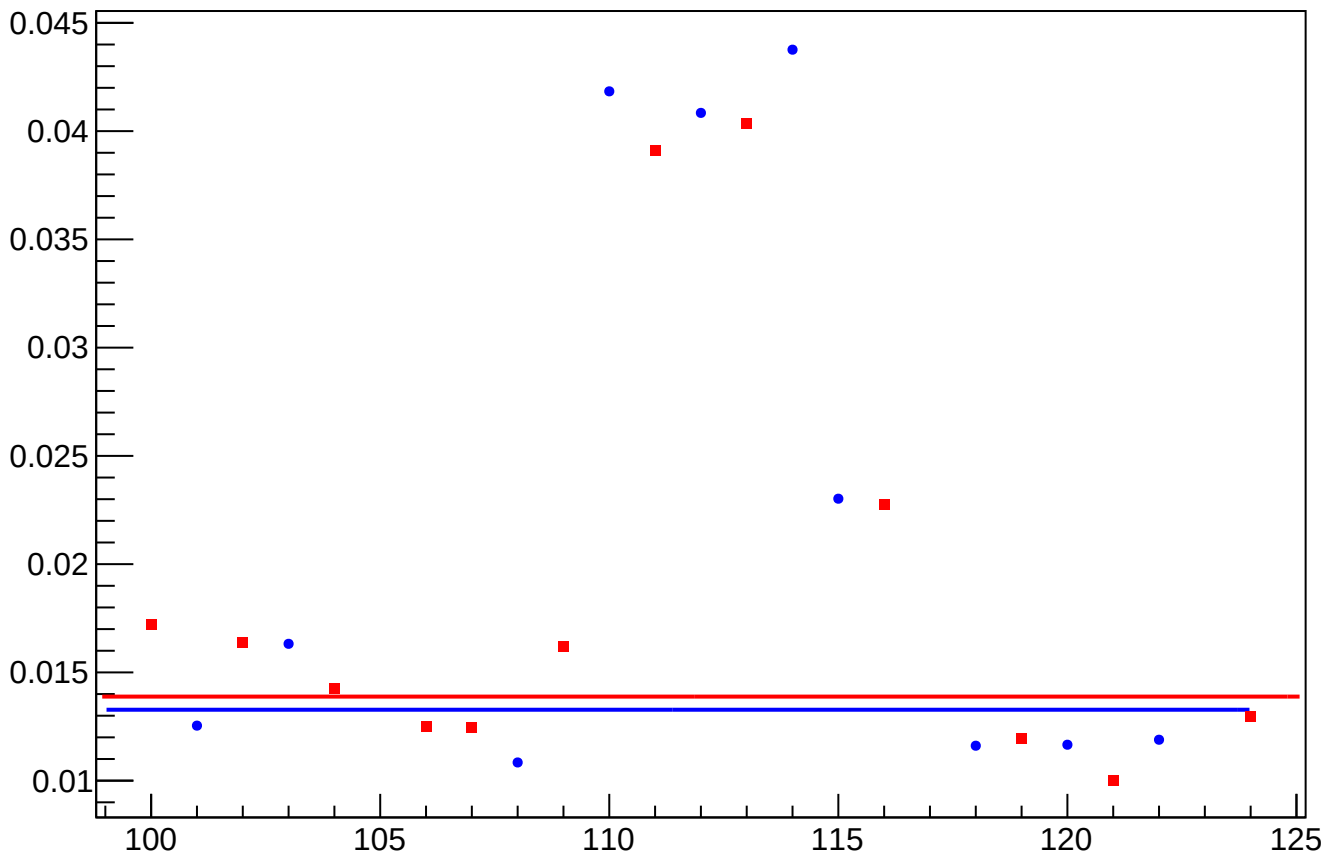
Right: 0.522+/-0.000 χ^2/NDF : 8402779729.1/21

In: 0.511+/-0.000 χ^2/NDF :4105275125.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.522+/-0.000 χ^2/NDF : 8402779729.1/21

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1003888.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1023654.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

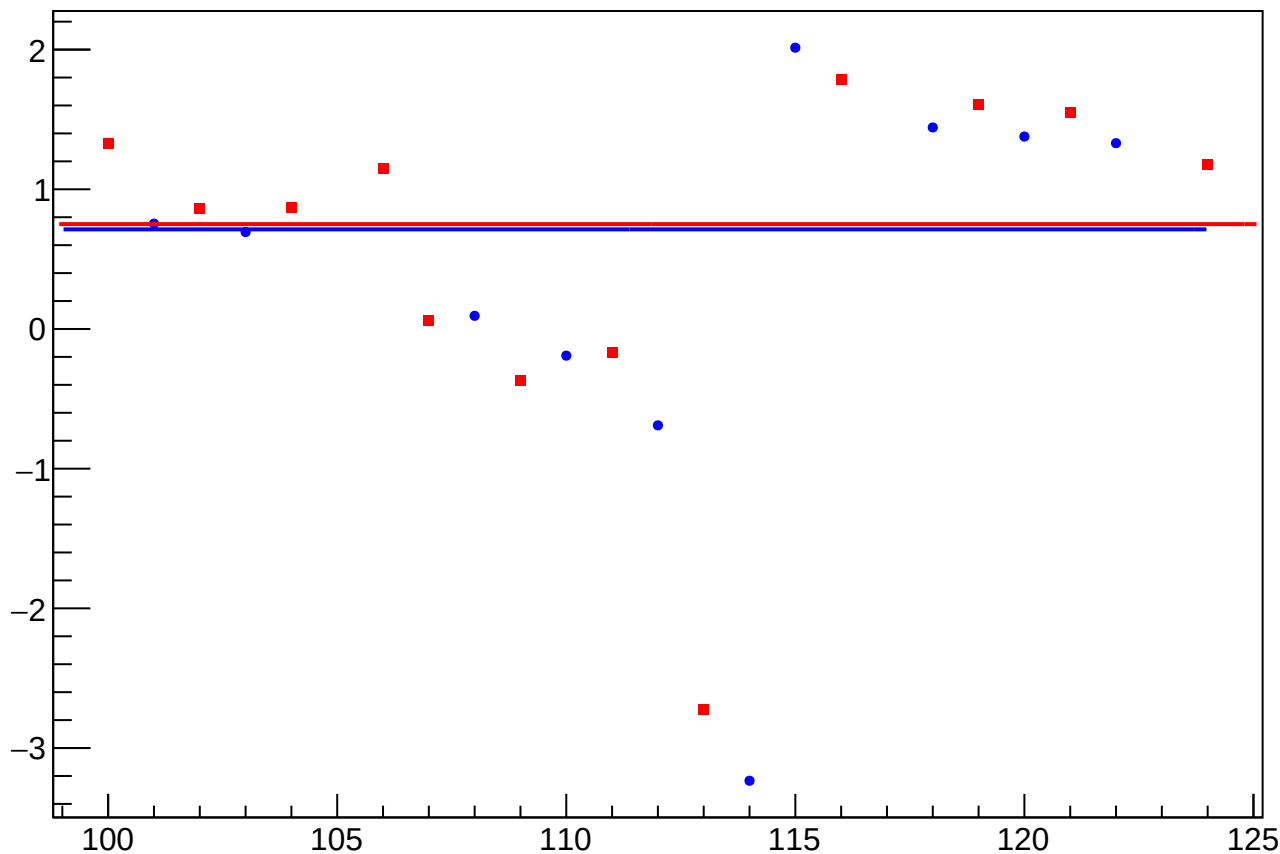
Right: 0.014+/-0.000 χ^2/NDF : 2034535.0/21

In: 0.013+/-0.000 χ^2/NDF :1003888.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2034535.0/21

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.713+/-0.000 χ^2/NDF : 356469579.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.751+/-0.000 χ^2/NDF : 1012924865.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

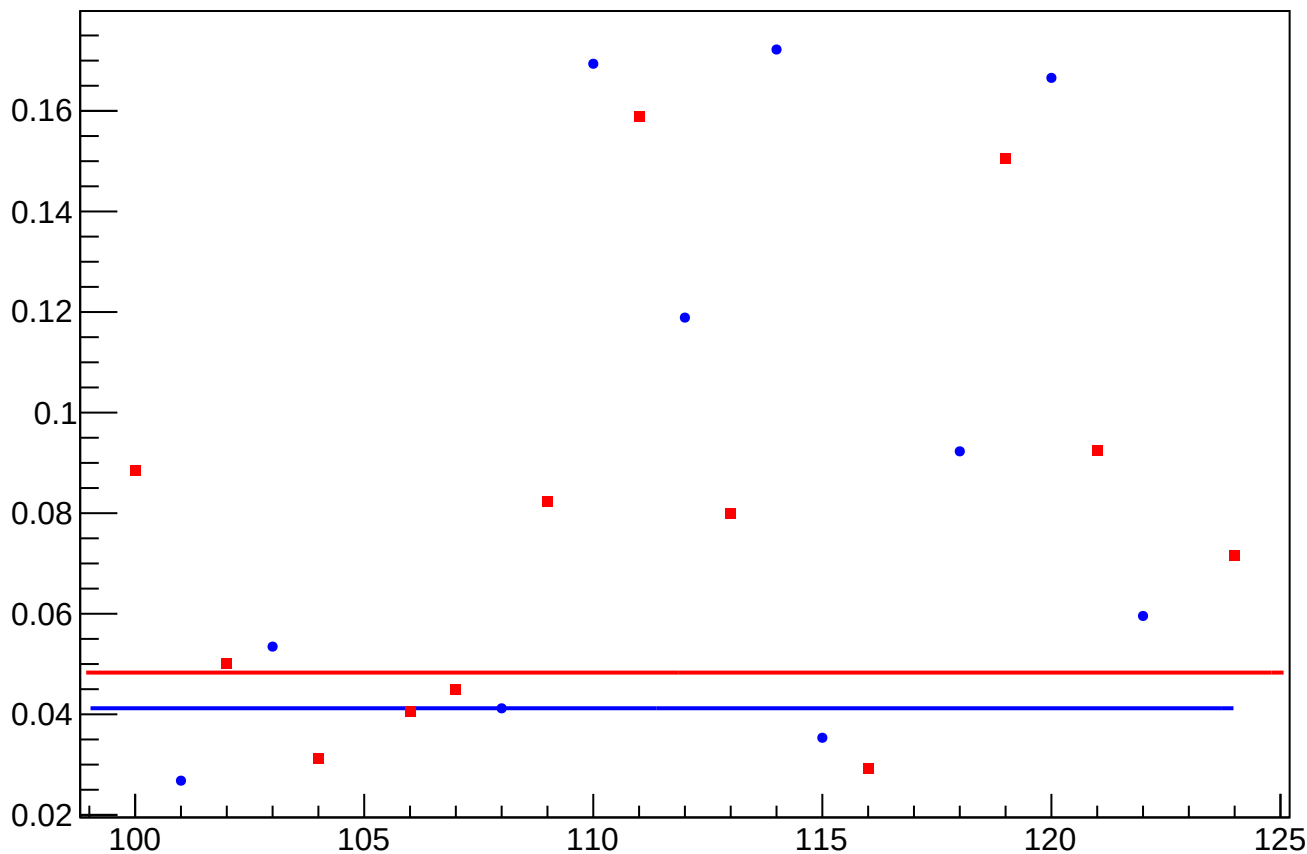
Right: 0.731+/-0.000 χ^2/NDF : 1370300971.7/21

In: 0.713+/-0.000 χ^2/NDF :356469579.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.731+/-0.000 χ^2/NDF : 1370300971.7/21

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 1884167.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.048+/-0.000 χ^2/NDF : 1678796.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

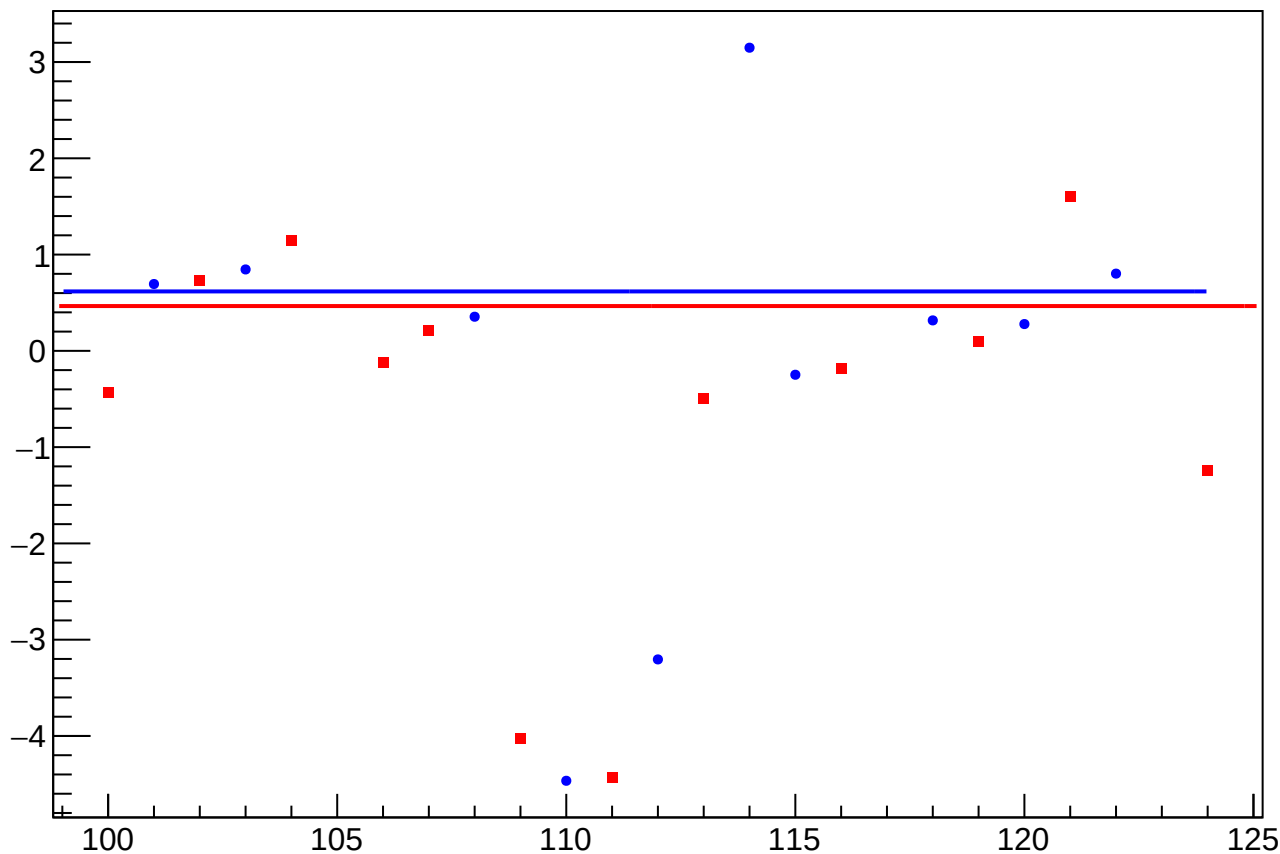
Right: 0.045+/-0.000 χ^2/NDF : 3627523.9/21

In: 0.041+/-0.000 χ^2/NDF : 1884167.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.000 χ^2/NDF : 3627523.9/21

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.617+/-0.000 χ^2/NDF : 1348729947.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.465+/-0.000 χ^2/NDF : 3897362912.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

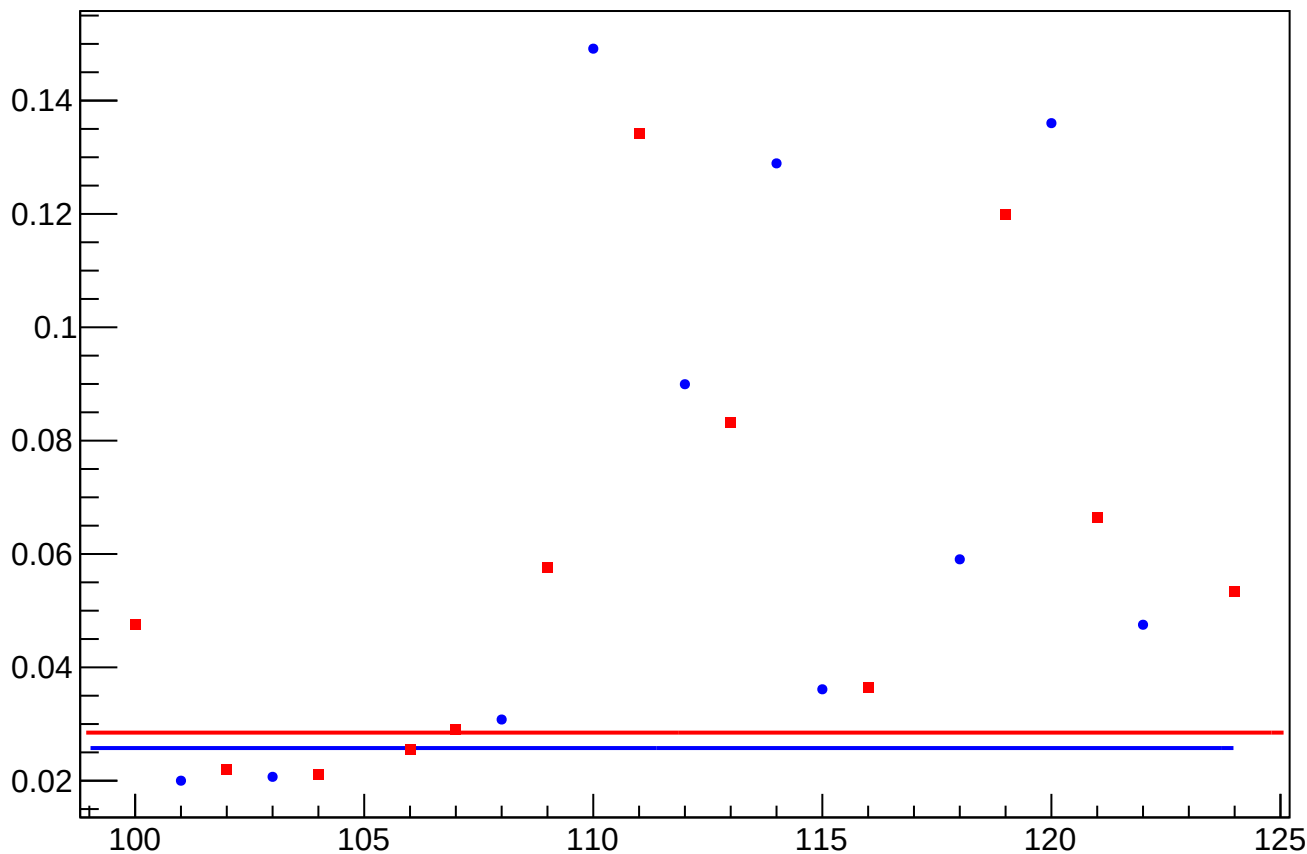
Right: 0.542+/-0.000 χ^2/NDF : 5285030072.0/21

In: 0.617+/-0.000 χ^2/NDF :1348729947.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.542+/-0.000 χ^2/NDF : 5285030072.0/21

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 1925709.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 2143843.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

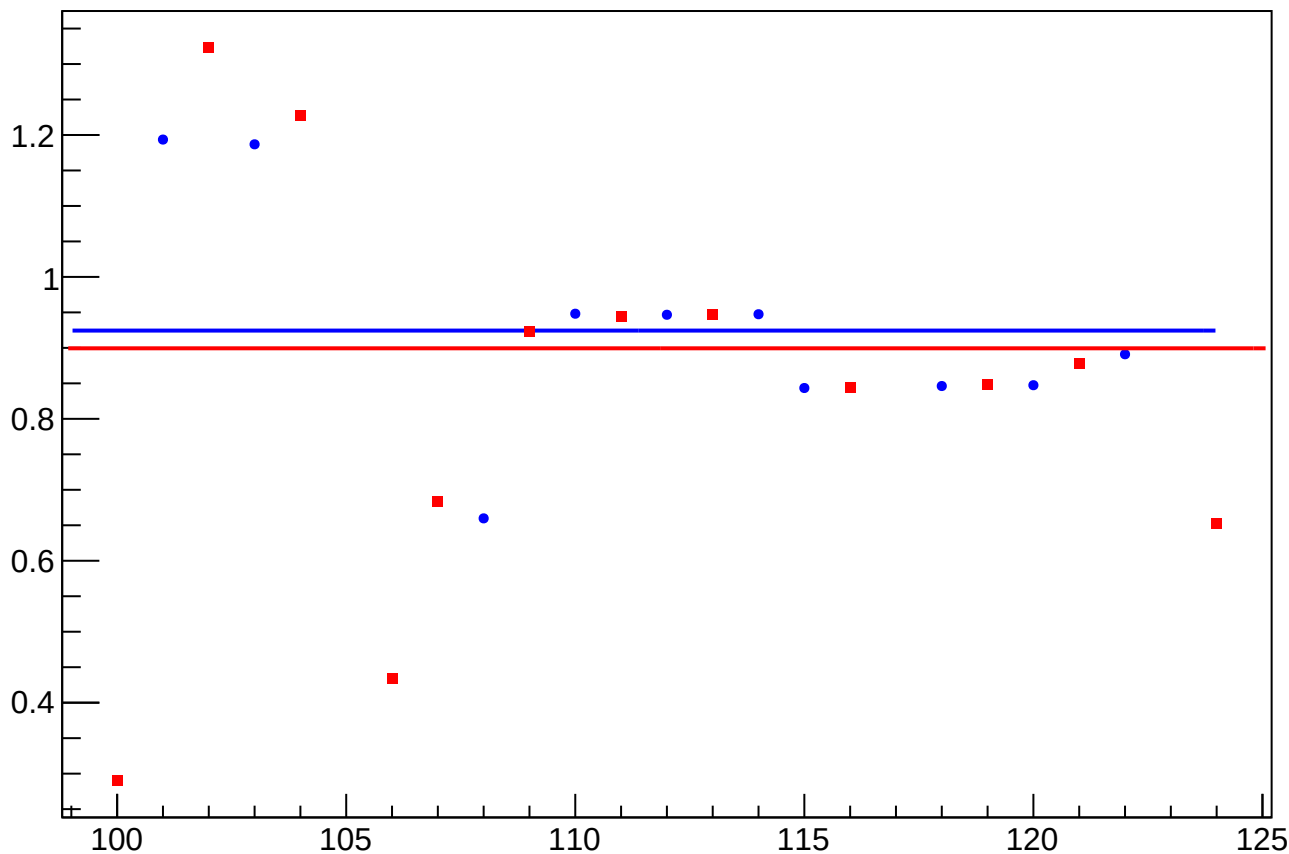
Right: 0.027+/-0.000 χ^2/NDF : 4094540.8/21

In: 0.026+/-0.000 χ^2/NDF : 1925709.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.000 χ^2/NDF : 4094540.8/21

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.924+/-0.000 χ^2/NDF : 301560742.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.899+/-0.000 χ^2/NDF : 509729601.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

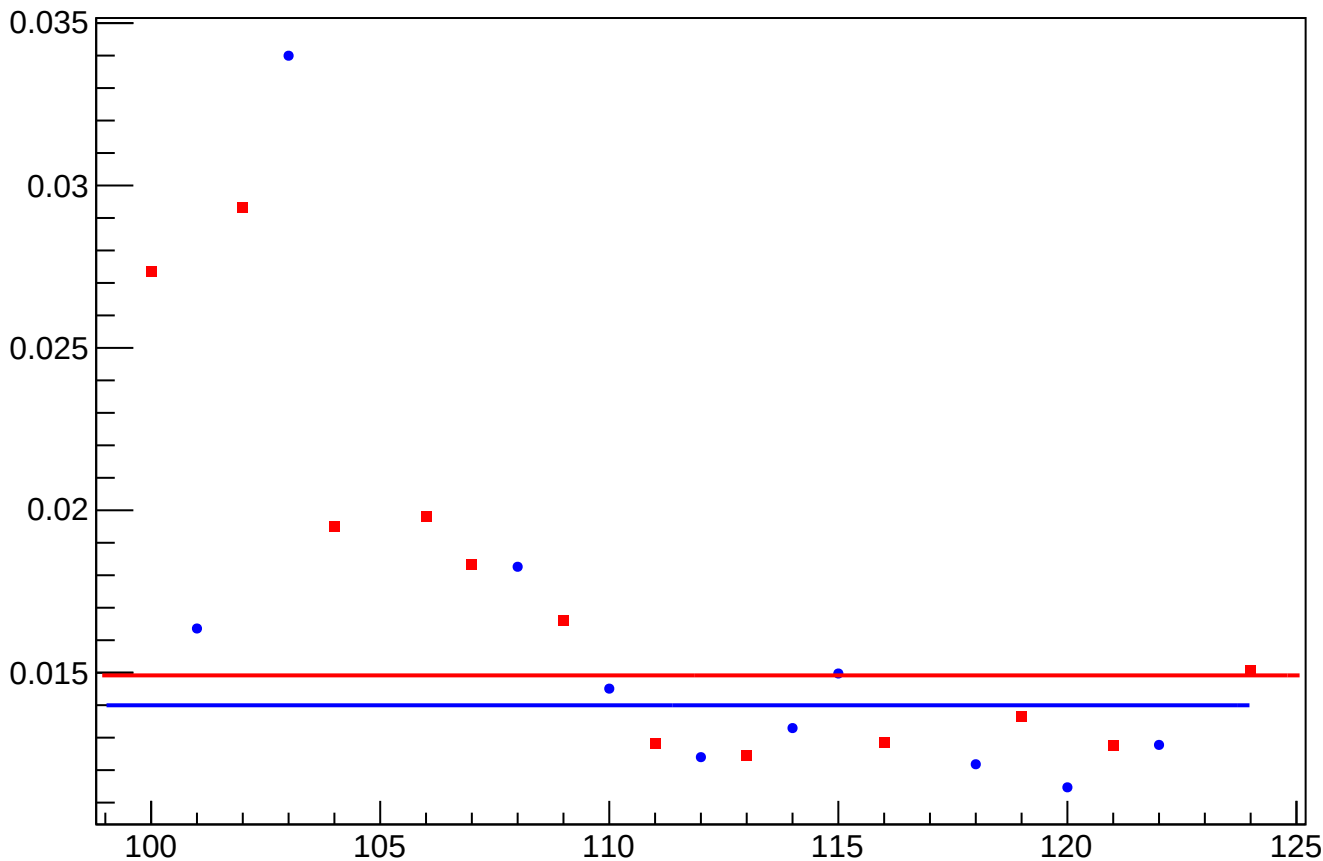
Right: 0.912+/-0.000 χ^2/NDF : 816707056.1/21

In: 0.924+/-0.000 χ^2/NDF :301560742.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.912+/-0.000 χ^2/NDF : 816707056.1/21

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 527660.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 499351.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

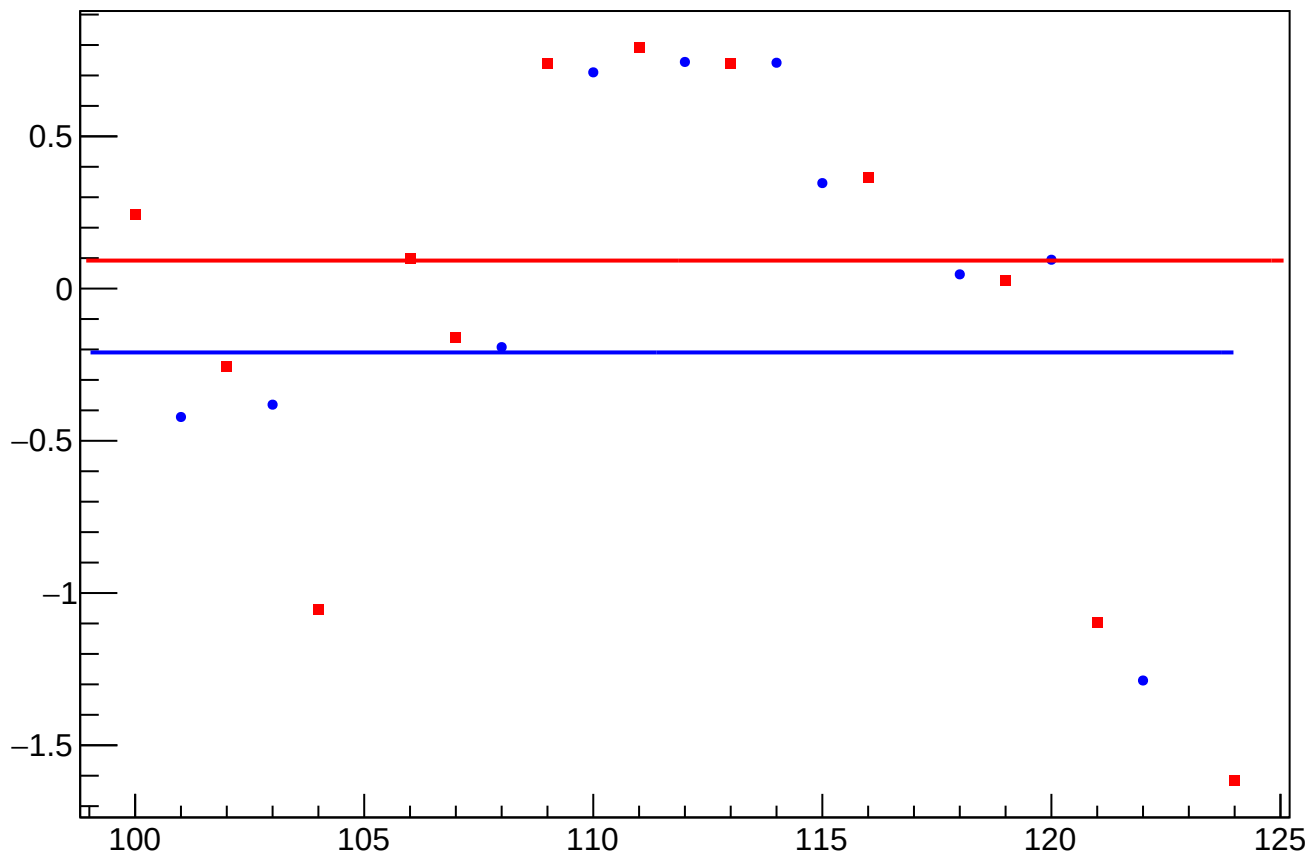
Right: 0.014+/-0.000 χ^2/NDF : 1041717.5/21

In: 0.014+/-0.000 χ^2/NDF :527660.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1041717.5/21

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.210+/-0.000 χ^2/NDF : 4113261731.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.092+/-0.000 χ^2/NDF : 10848411729.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

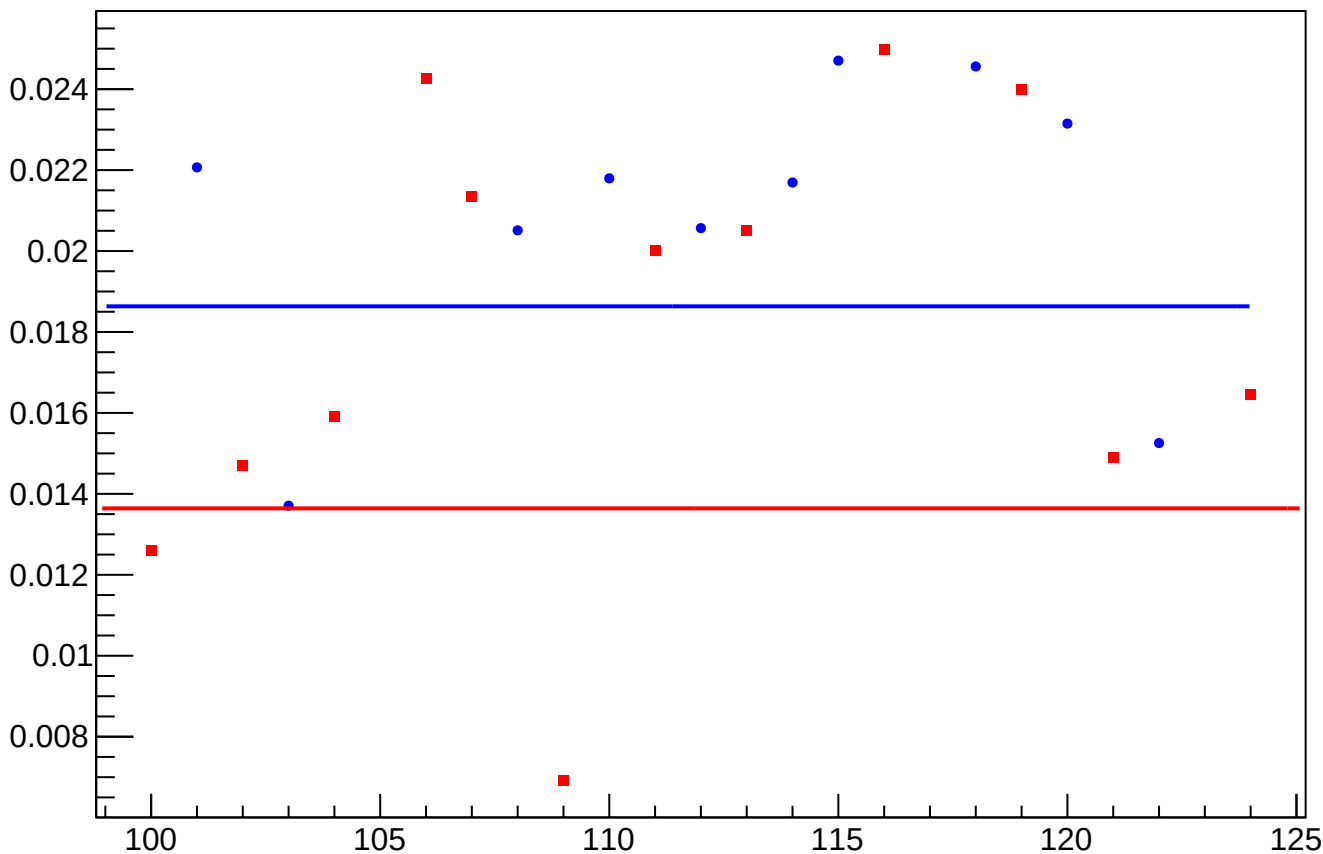
Right: -0.015+/-0.000 χ^2/NDF : 15564224128.3/21

In: -0.210+/-0.000 χ^2/NDF :4113261731.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.000 χ^2/NDF : 15564224128.3/21

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 343263.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1329528.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

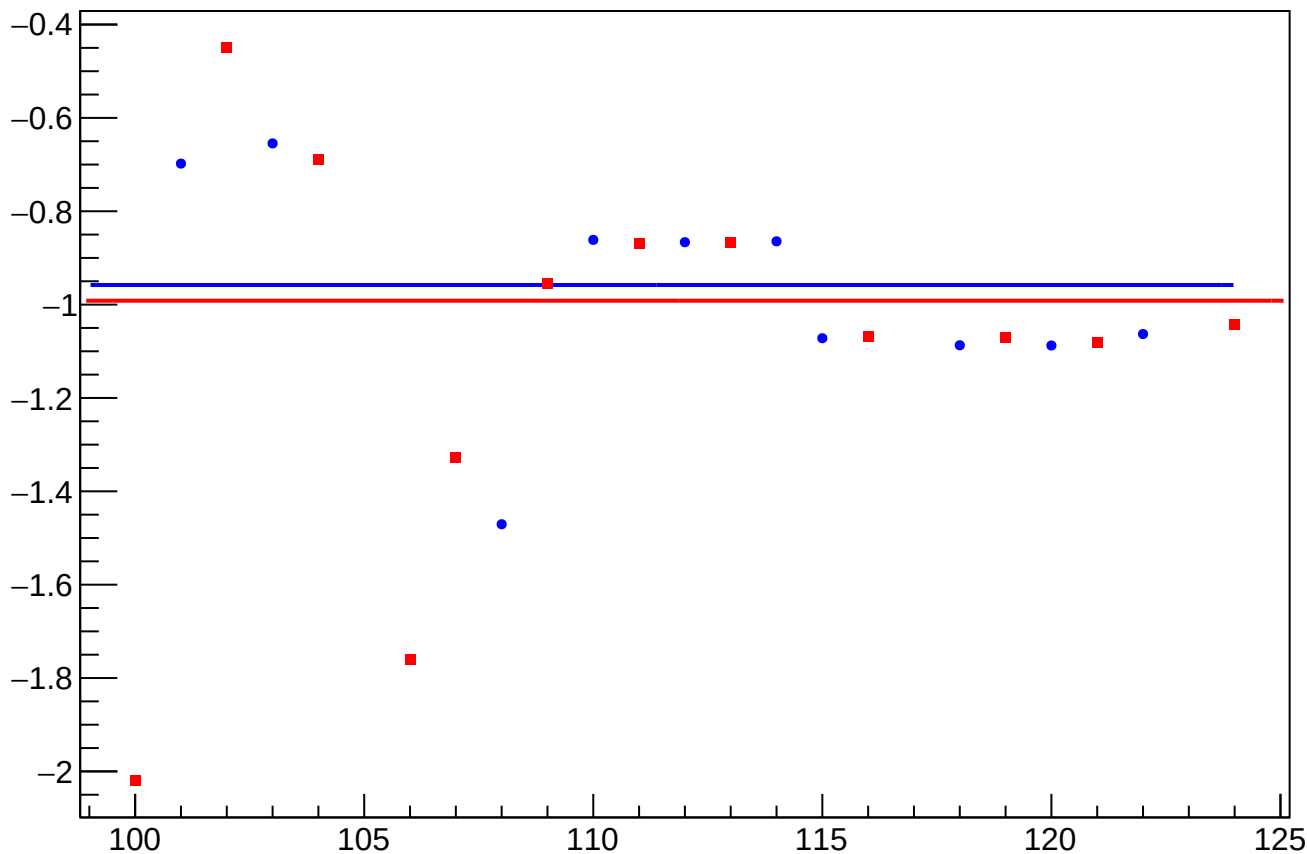
Right: 0.015+/-0.000 χ^2/NDF : 2002596.0/21

In: 0.019+/-0.000 χ^2/NDF :343263.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2002596.0/21

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.958+/-0.000 χ^2/NDF : 127258917.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.992+/-0.000 χ^2/NDF : 235825281.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

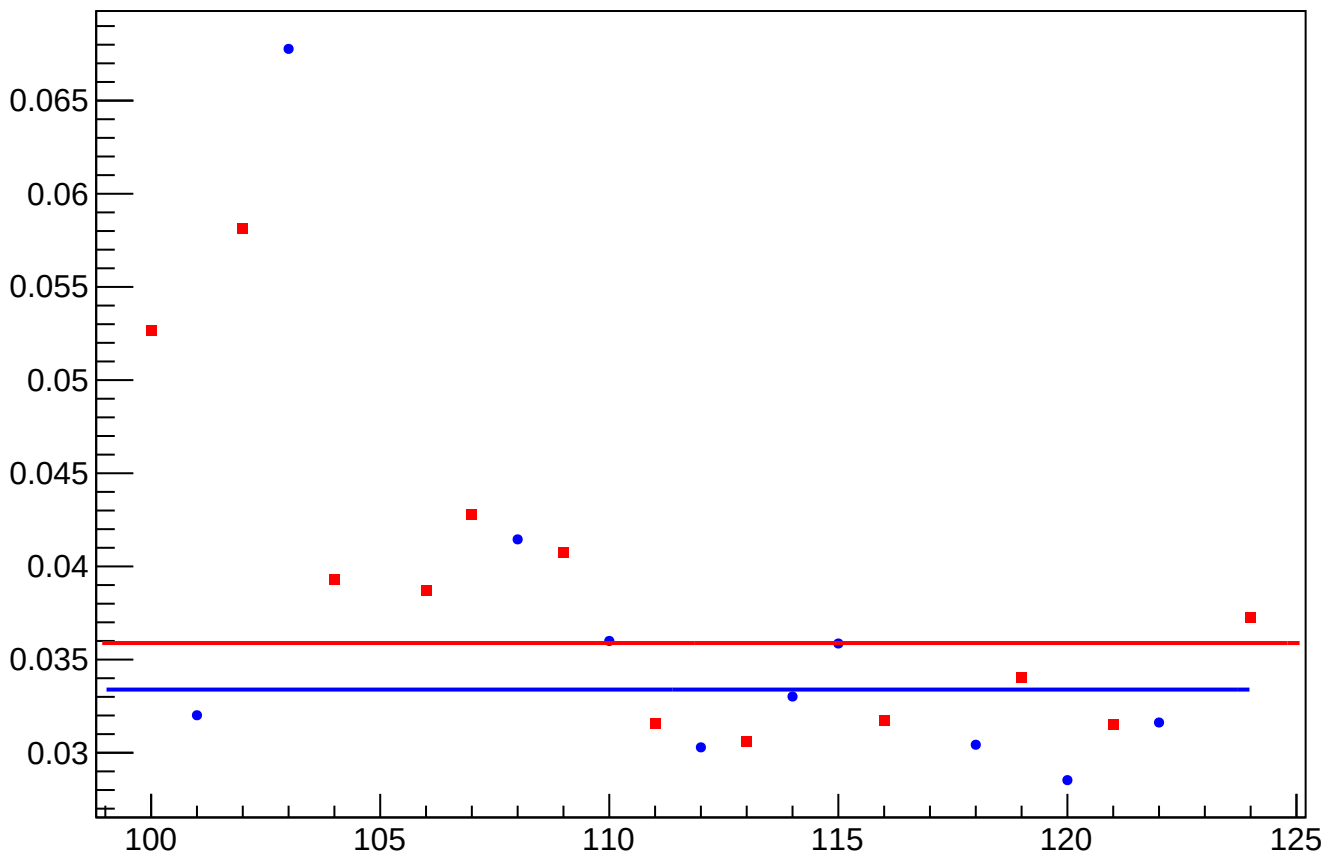
Right: -0.975+/-0.000 χ^2/NDF : 364831216.2/21

In: -0.958+/-0.000 χ^2/NDF : 127258917.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.975+/-0.000 χ^2/NDF : 364831216.2/21

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 355878.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 273584.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

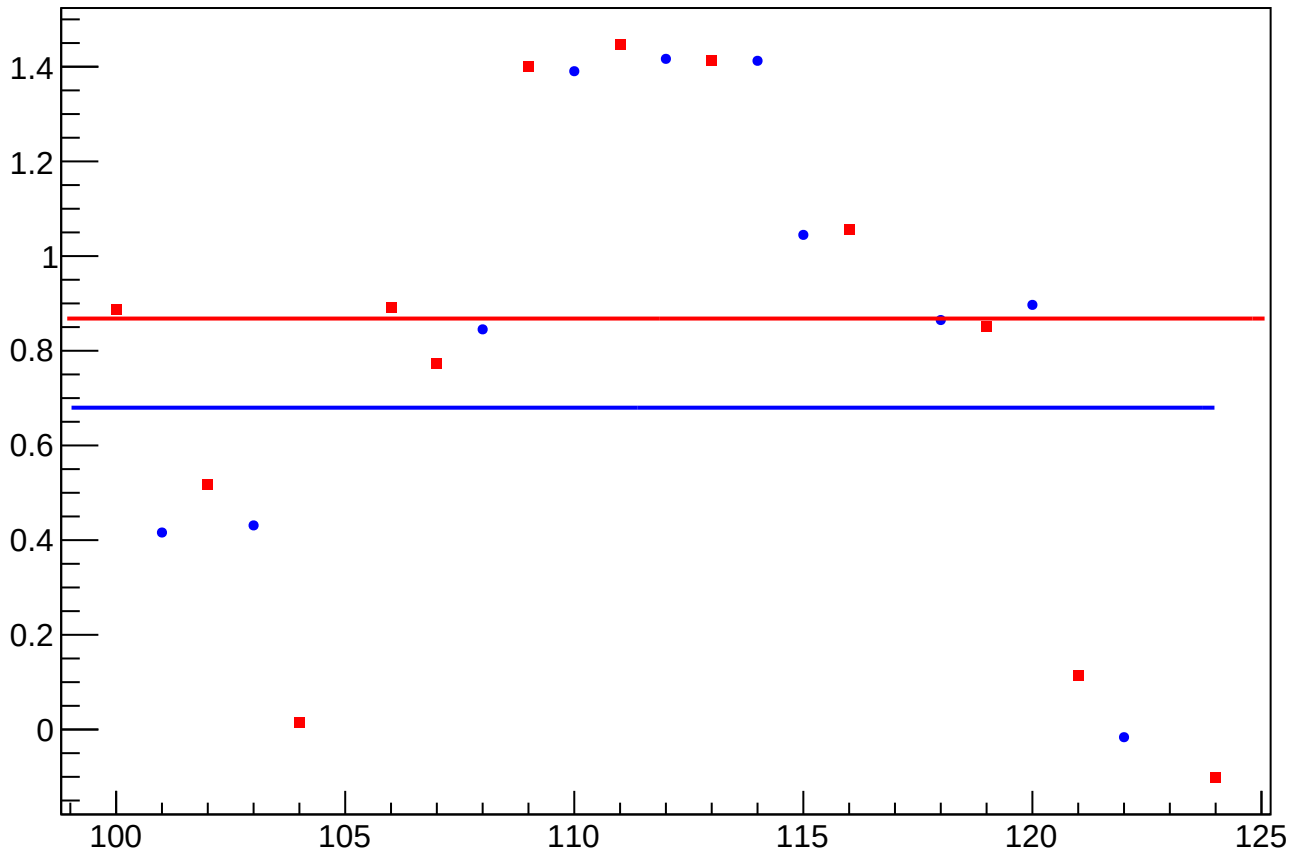
Right: 0.035+/-0.000 χ^2/NDF : 648631.7/21

In: 0.033+/-0.000 χ^2/NDF : 355878.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 648631.7/21

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.680+/-0.000 χ^2/NDF : 5057545929.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.868+/-0.000 χ^2/NDF : 11043736539.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

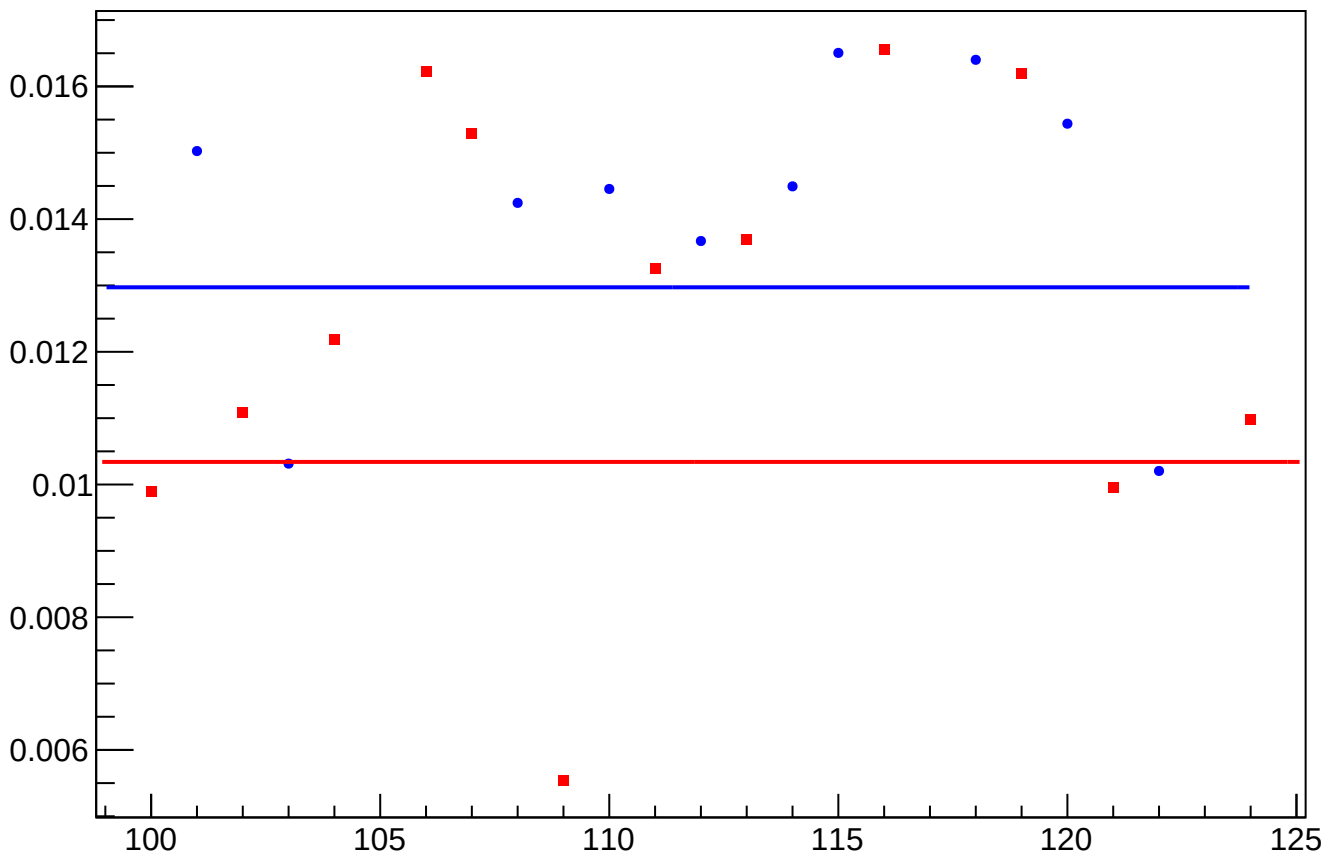
Right: 0.796+/-0.000 χ^2/NDF : 16568681739.0/21

In: 0.680+/-0.000 χ^2/NDF :5057545929.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.796+/-0.000 χ^2/NDF : 16568681739.0/21

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 243831.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 947666.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

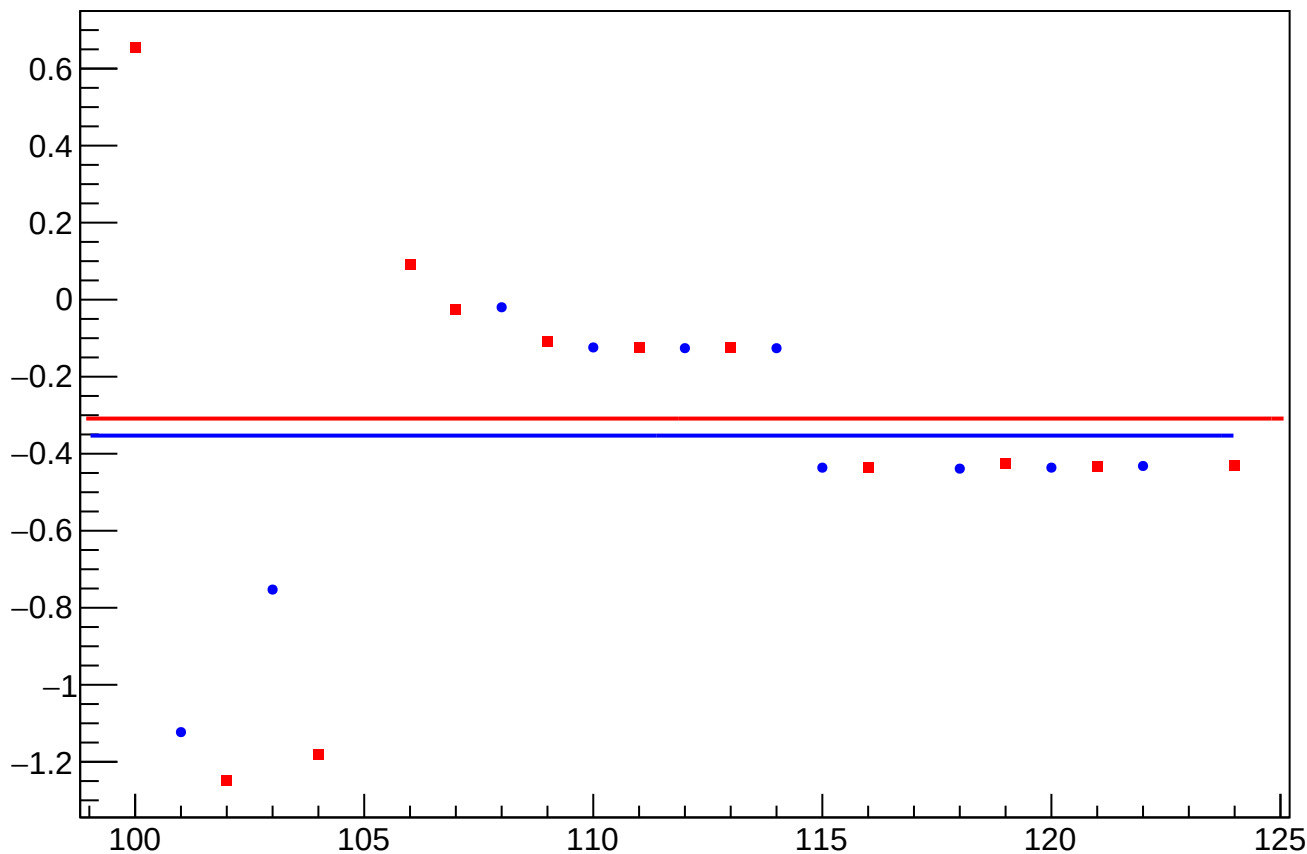
Right: 0.011+/-0.000 χ^2/NDF : 1374140.4/21

In: 0.013+/-0.000 χ^2/NDF :243831.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1374140.4/21

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.353+/-0.000 χ^2/NDF : 646727229.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.309+/-0.000 χ^2/NDF : 689419820.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

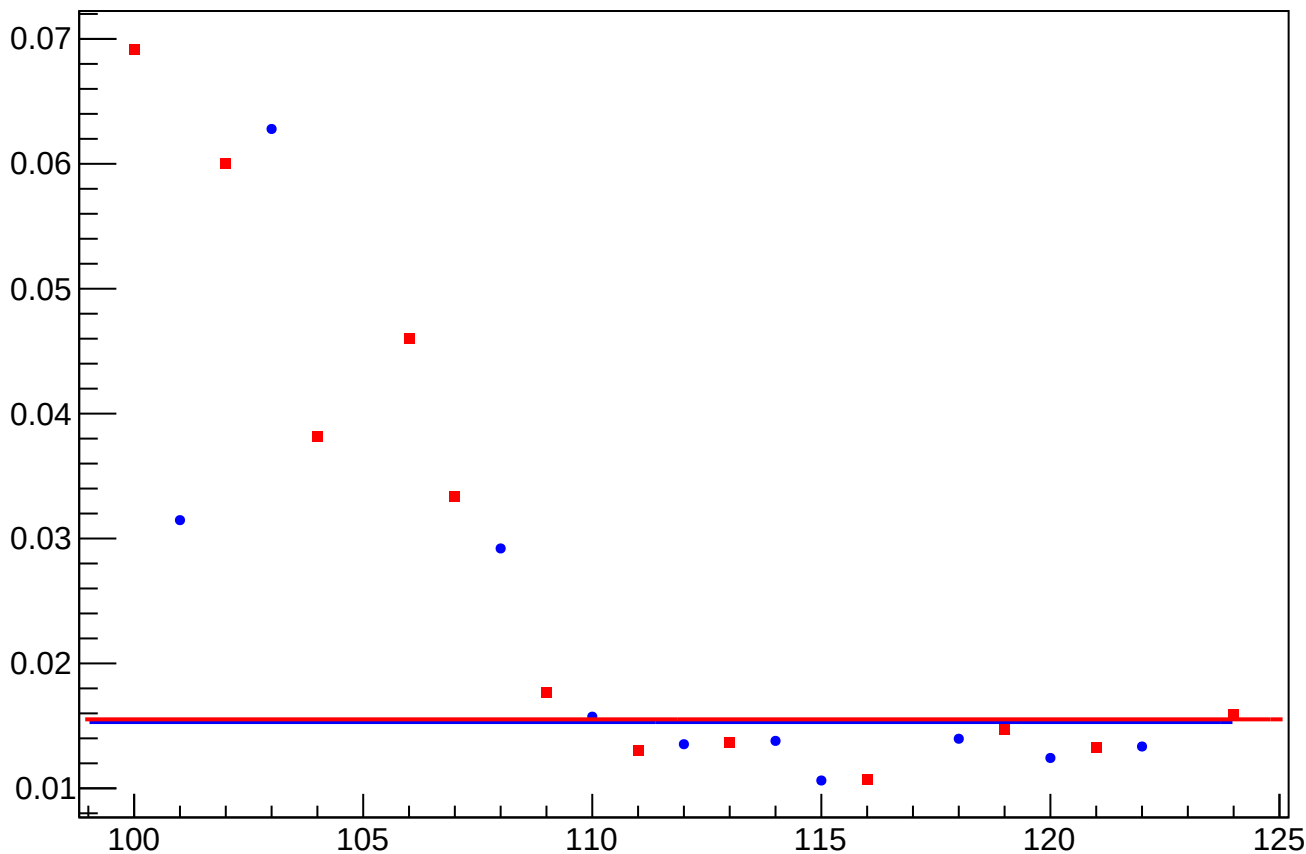
Right: -0.330+/-0.000 χ^2/NDF : 1348317264.5/21

In: -0.353+/-0.000 χ^2/NDF : 646727229.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.330+/-0.000 χ^2/NDF : 1348317264.5/21

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1157813.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1460156.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

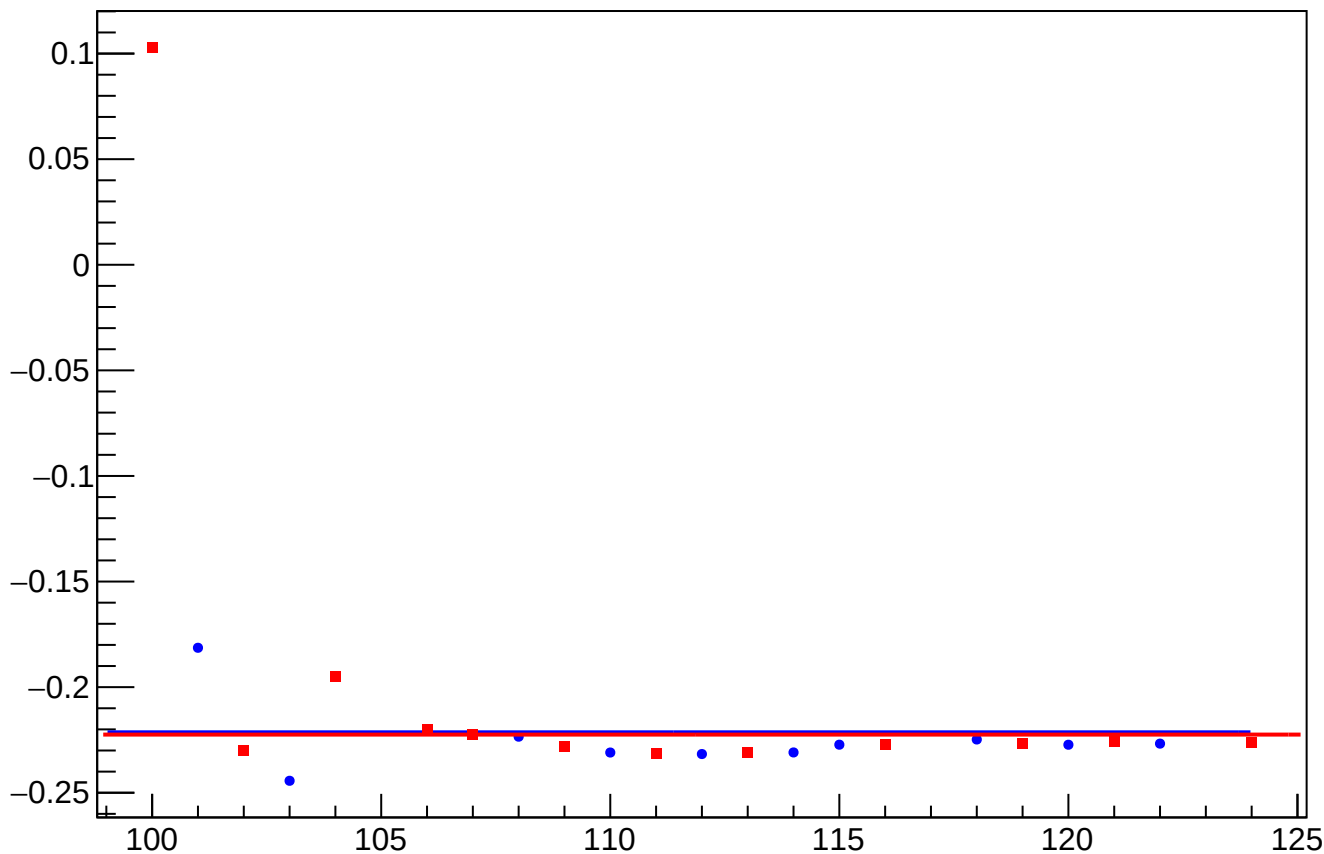
Right: 0.015+/-0.000 χ^2/NDF : 2618550.4/21

In: 0.015+/-0.000 χ^2/NDF :1157813.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2618550.4/21

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.221+/-0.000 χ^2/NDF : 50775156.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.222+/-0.000 χ^2/NDF : 157060740.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

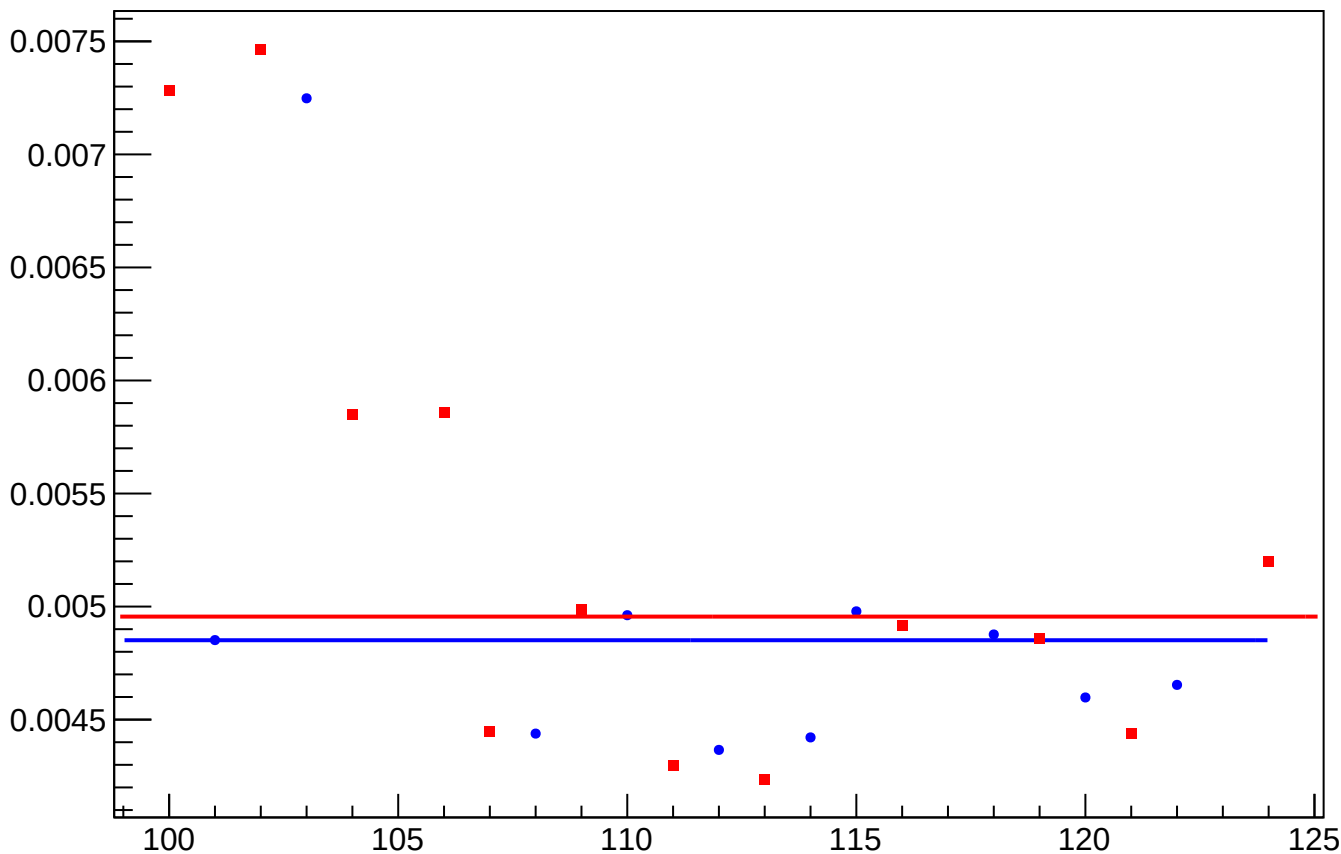
Right: -0.222+/-0.000 χ^2/NDF : 207928084.0/21

In: -0.221+/-0.000 χ^2/NDF : 50775156.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.222+/-0.000 χ^2/NDF : 207928084.0/21

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 145640.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 246373.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

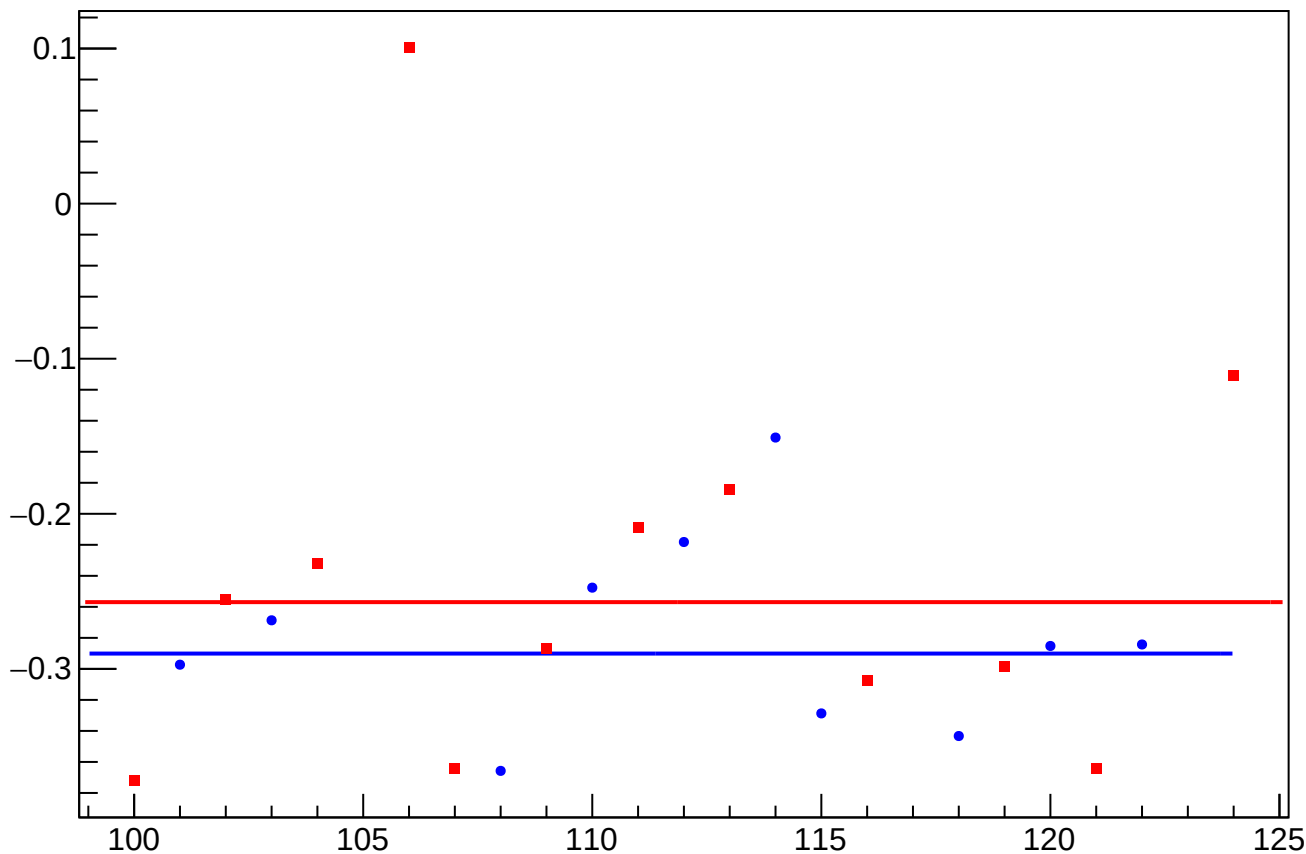
Right: 0.005+/-0.000 χ^2/NDF : 393778.0/21

In: 0.005+/-0.000 χ^2/NDF :145640.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 393778.0/21

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.290+/-0.000 χ^2/NDF : 218497154.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.257+/-0.000 χ^2/NDF : 797376775.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

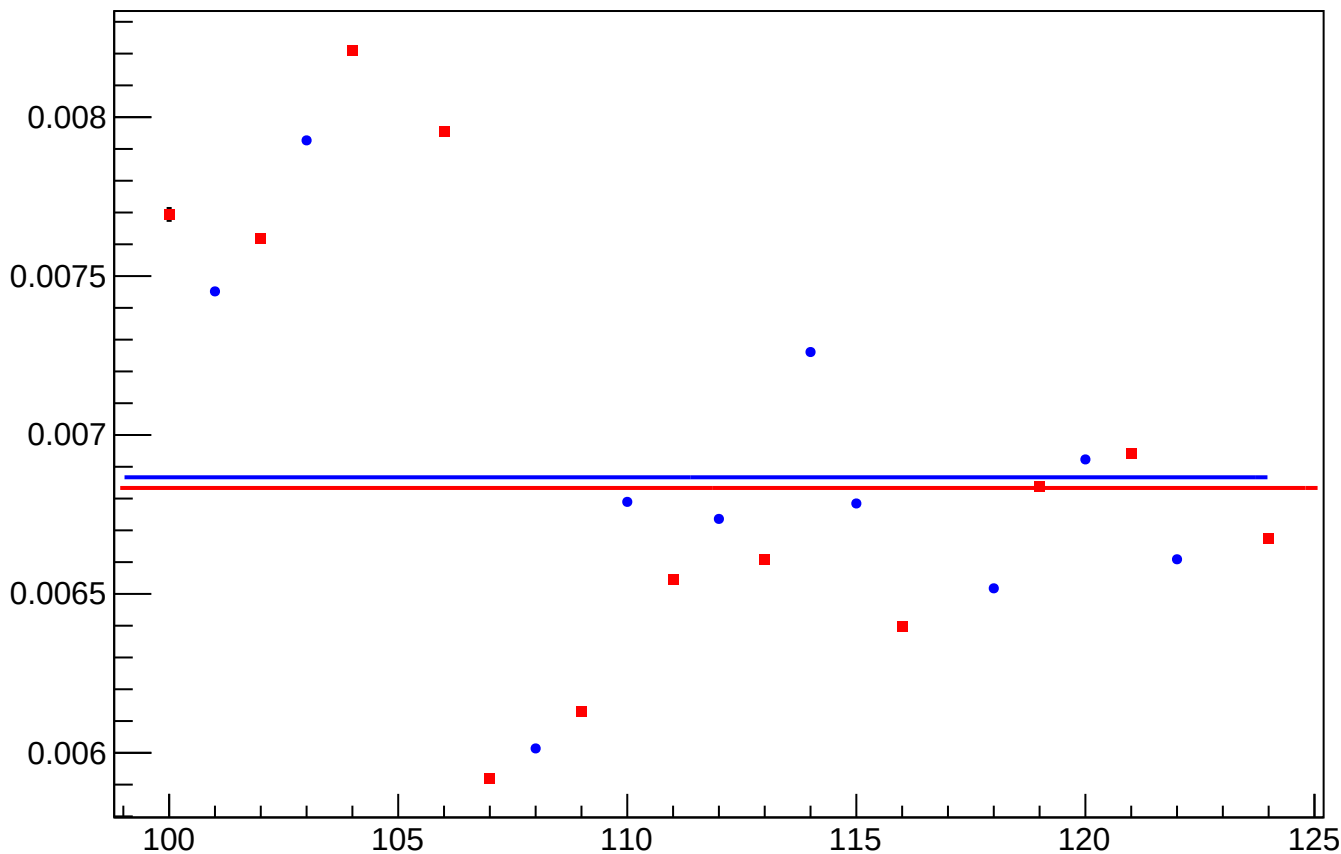
Right: -0.272+/-0.000 χ^2/NDF : 1065285419.6/21

In: -0.290+/-0.000 χ^2/NDF :218497154.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.272+/-0.000 χ^2/NDF : 1065285419.6/2

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 50529.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 82486.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

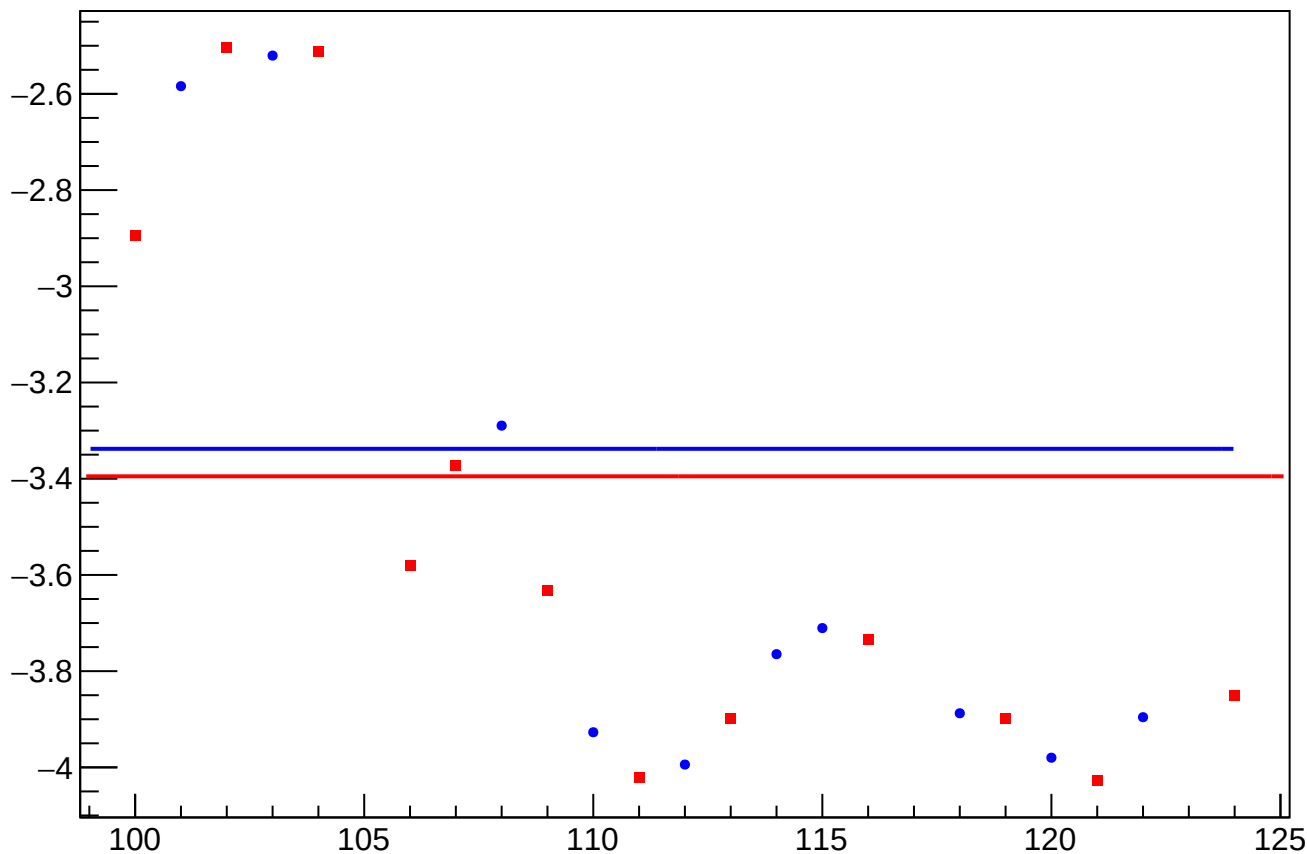
Right: 0.007+/-0.000 χ^2/NDF : 133116.5/21

In: 0.007+/-0.000 χ^2/NDF : 50529.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 133116.5/21

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.338 ± 0.000 $\chi^2/\text{NDF}: 26493725076.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.395 ± 0.000 $\chi^2/\text{NDF}: 26893789005.6/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

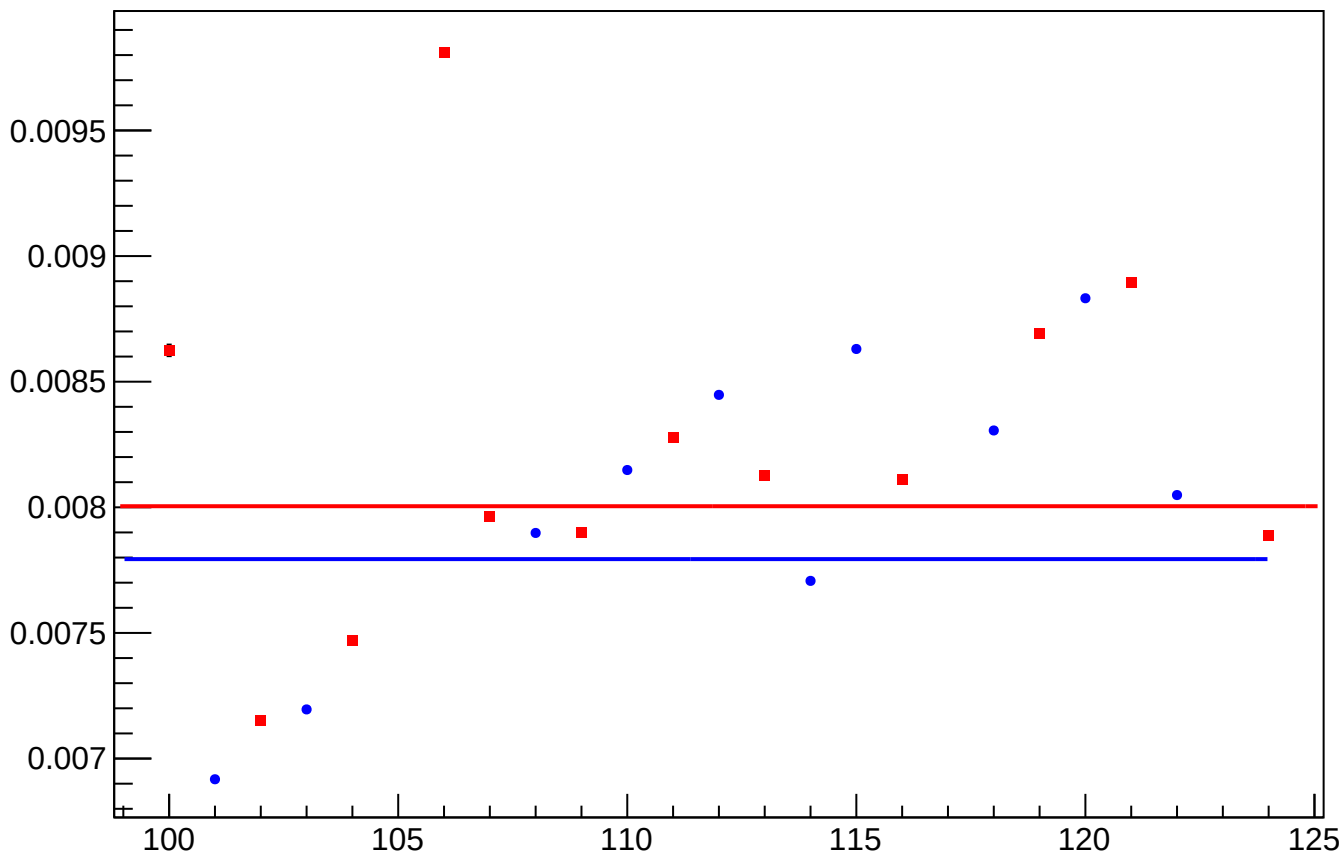
Right: -3.367 ± 0.000 $\chi^2/\text{NDF}: 53496540601.8/21$

In: -3.338 ± 0.000 $\chi^2/\text{NDF}: 26493725076.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.367 ± 0.000 $\chi^2/\text{NDF}: 53496540601.8/21$

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 52641.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 51774.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

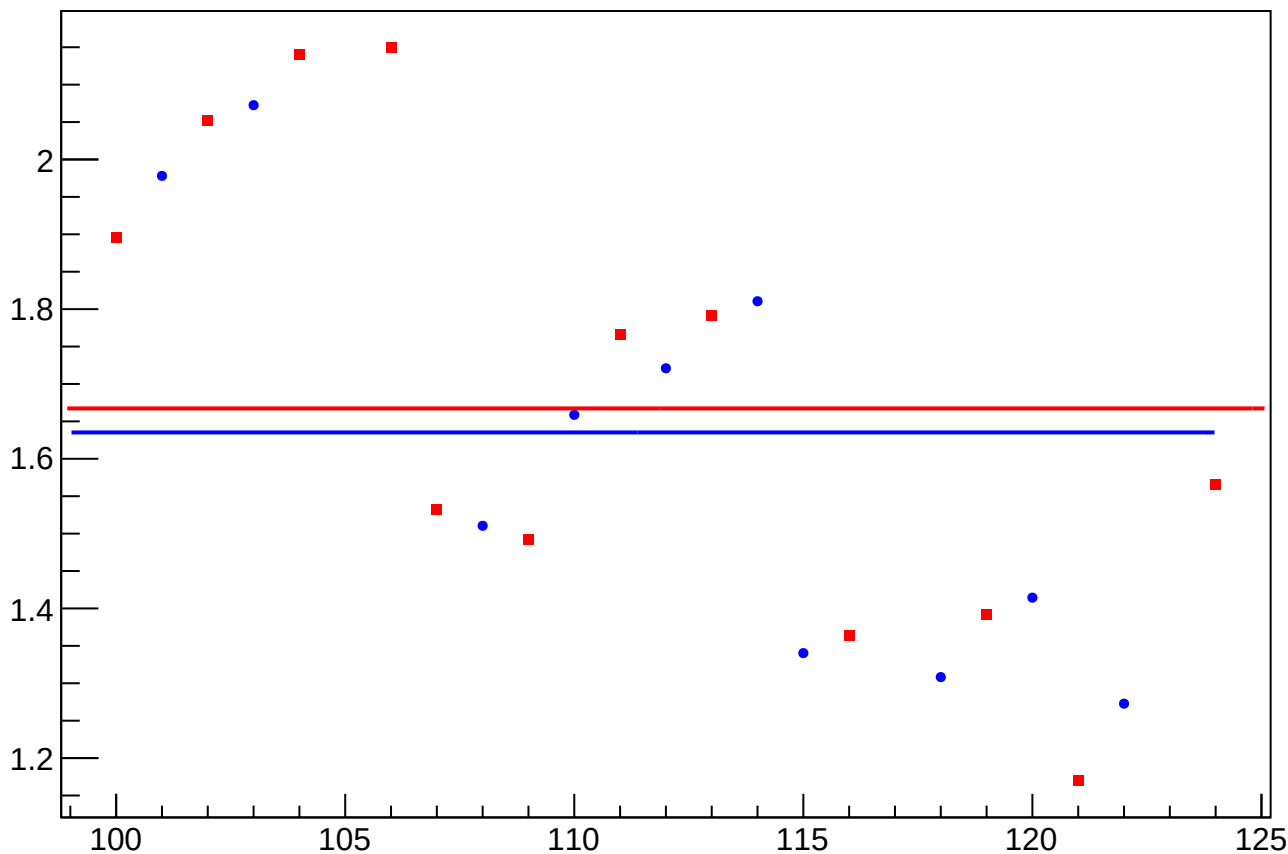
Right: 0.008+/-0.000 χ^2/NDF : 107371.5/21

In: 0.008+/-0.000 χ^2/NDF : 52641.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 107371.5/21

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.635+/-0.000

χ^2/NDF : 2065146298.8/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.652+/-0.000

χ^2/NDF : 4921907172.7/21

Right Out: 1.667+/-0.000

χ^2/NDF : 2843492174.3/11

In: 1.635+/-0.000

χ^2/NDF : 2065146298.8/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

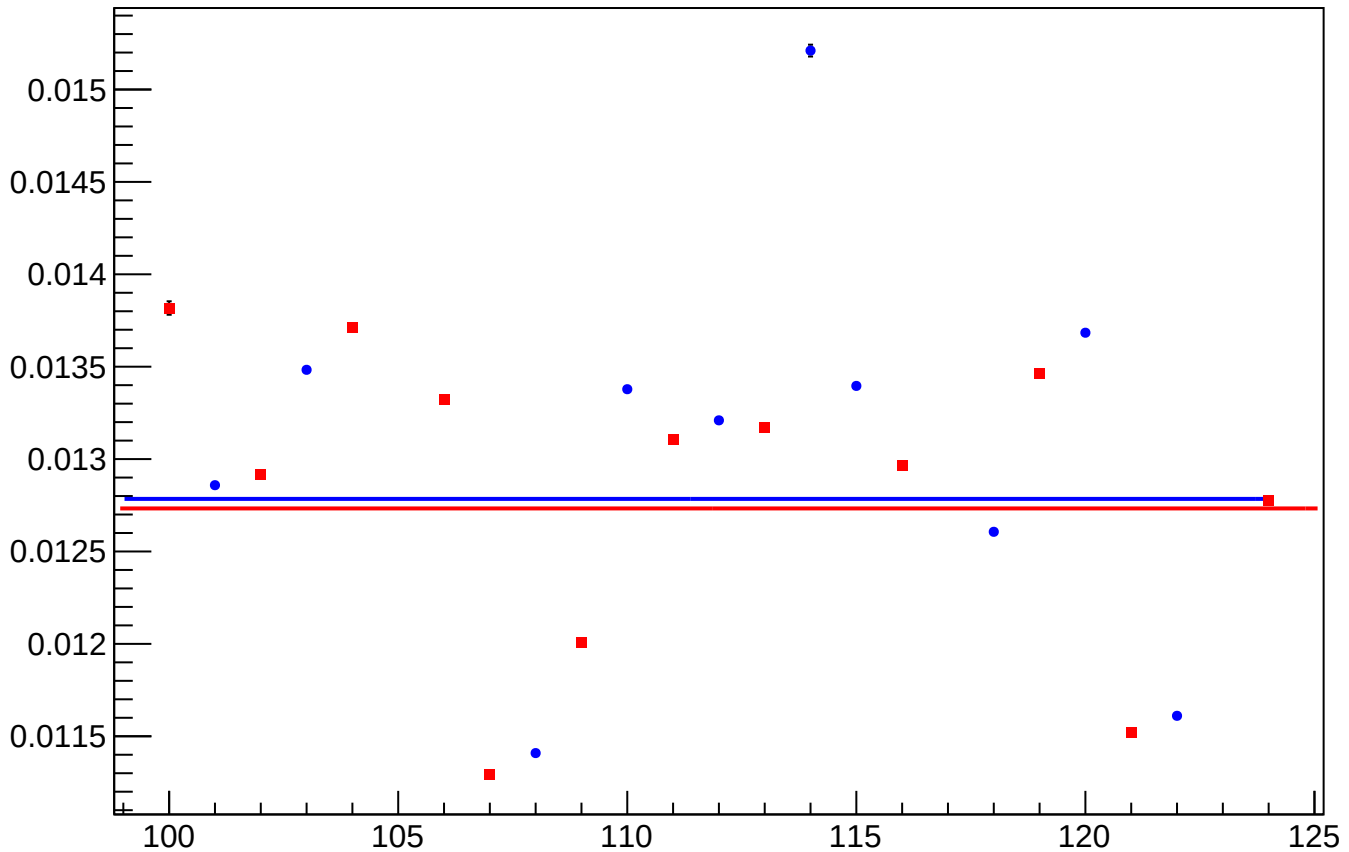
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.652+/-0.000

χ^2/NDF : 4921907172.7/21

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 34521.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 33480.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

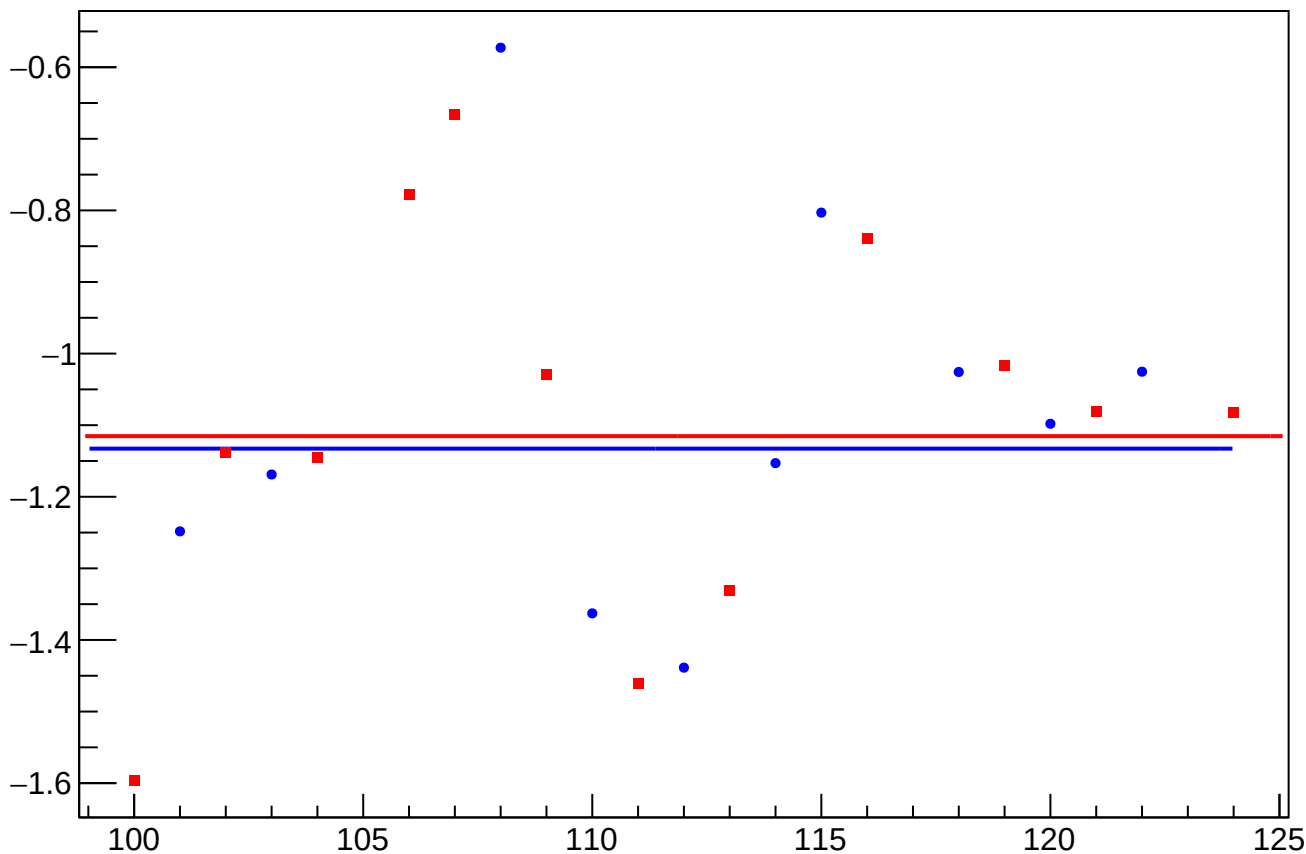
Right: 0.013+/-0.000 χ^2/NDF : 68070.3/21

In: 0.013+/-0.000 χ^2/NDF : 34521.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 68070.3/21

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.133+/-0.000 χ^2/NDF : 2451663558.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.115+/-0.000 χ^2/NDF : 1913234269.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

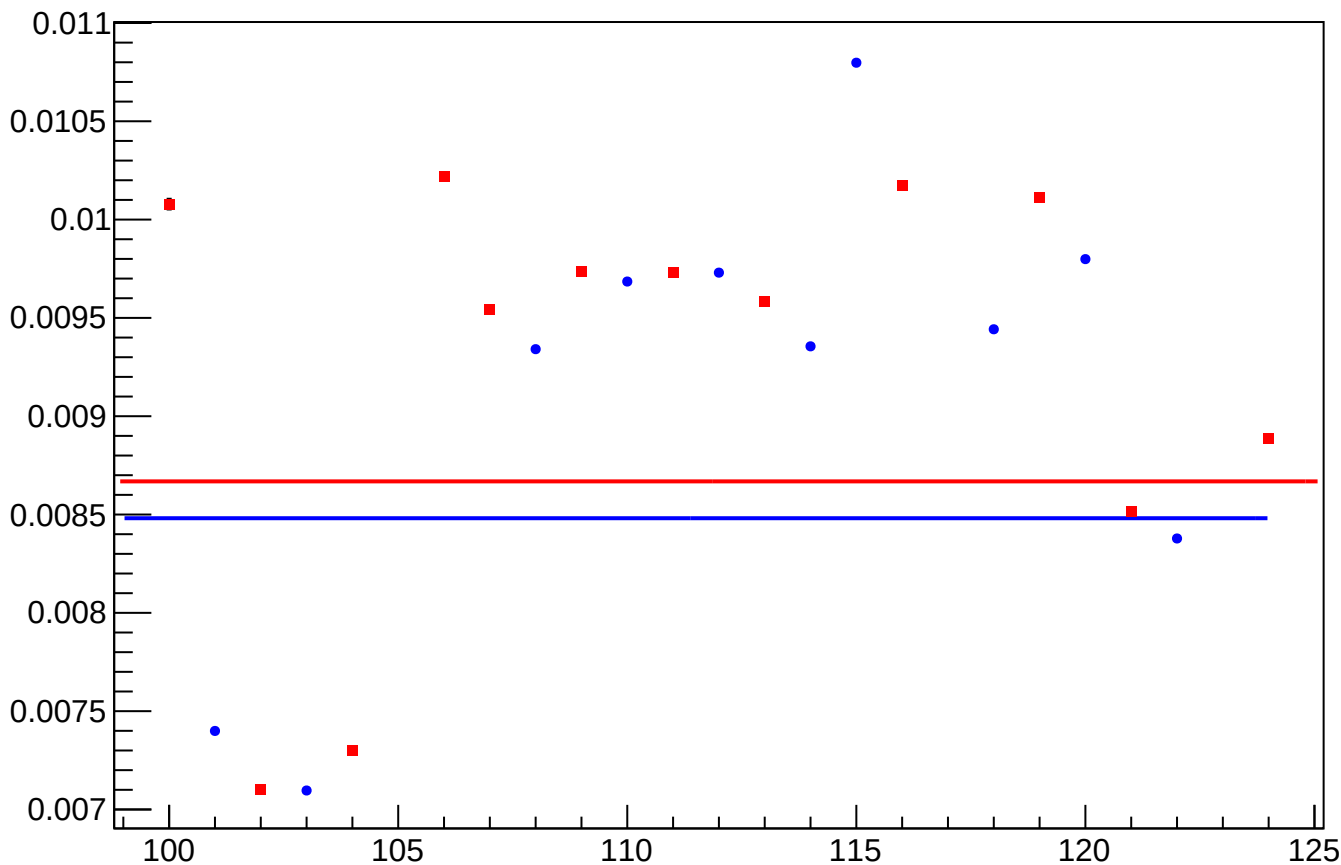
Right: -1.124+/-0.000 χ^2/NDF : 4373258341.5/21

In: -1.133+/-0.000 χ^2/NDF :2451663558.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.124+/-0.000 χ^2/NDF : 4373258341.5/21

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 141102.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 173760.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

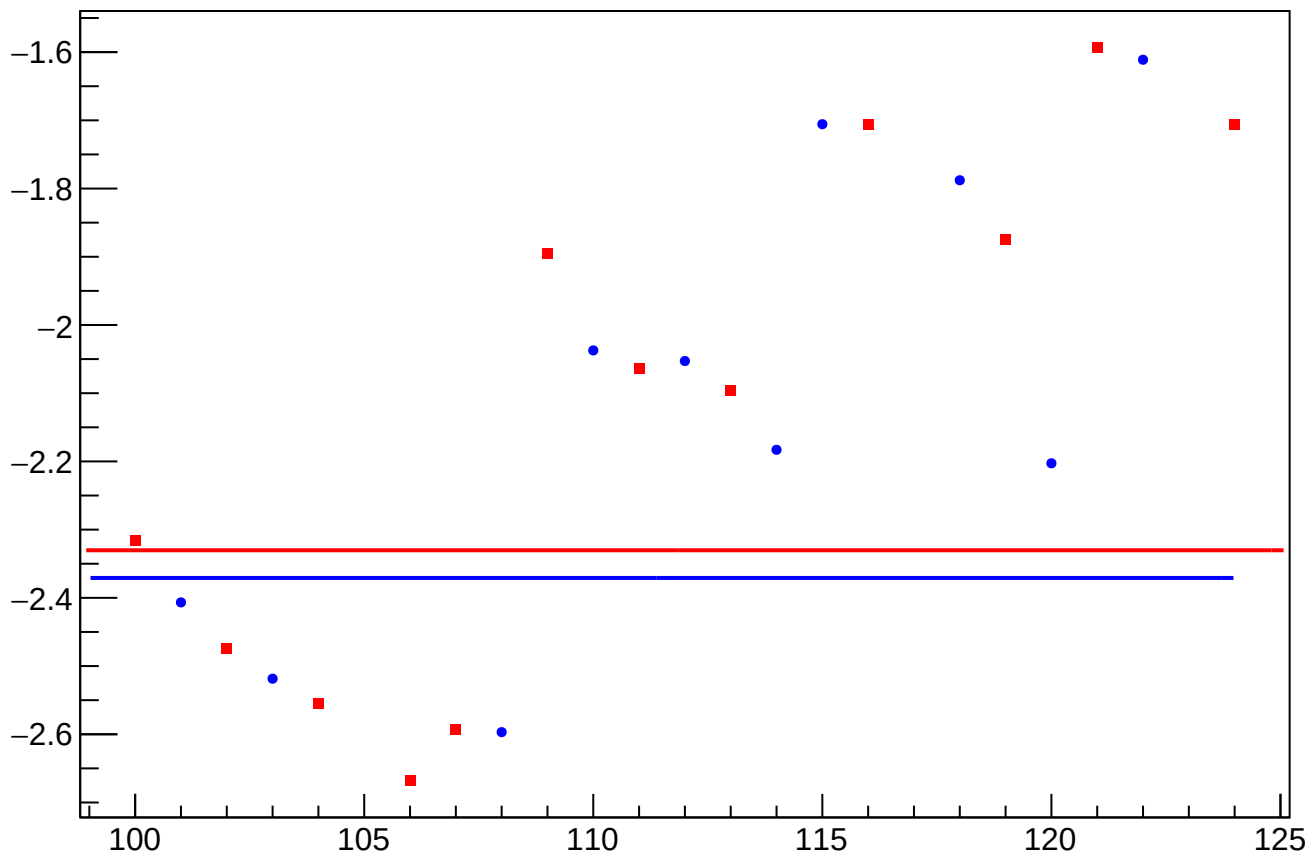
Right: 0.009+/-0.000 χ^2/NDF : 316790.9/21

In: 0.008+/-0.000 χ^2/NDF :141102.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 316790.9/21

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.371+/-0.000 χ^2/NDF : 4497477508.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.330+/-0.000 χ^2/NDF : 7147142263.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

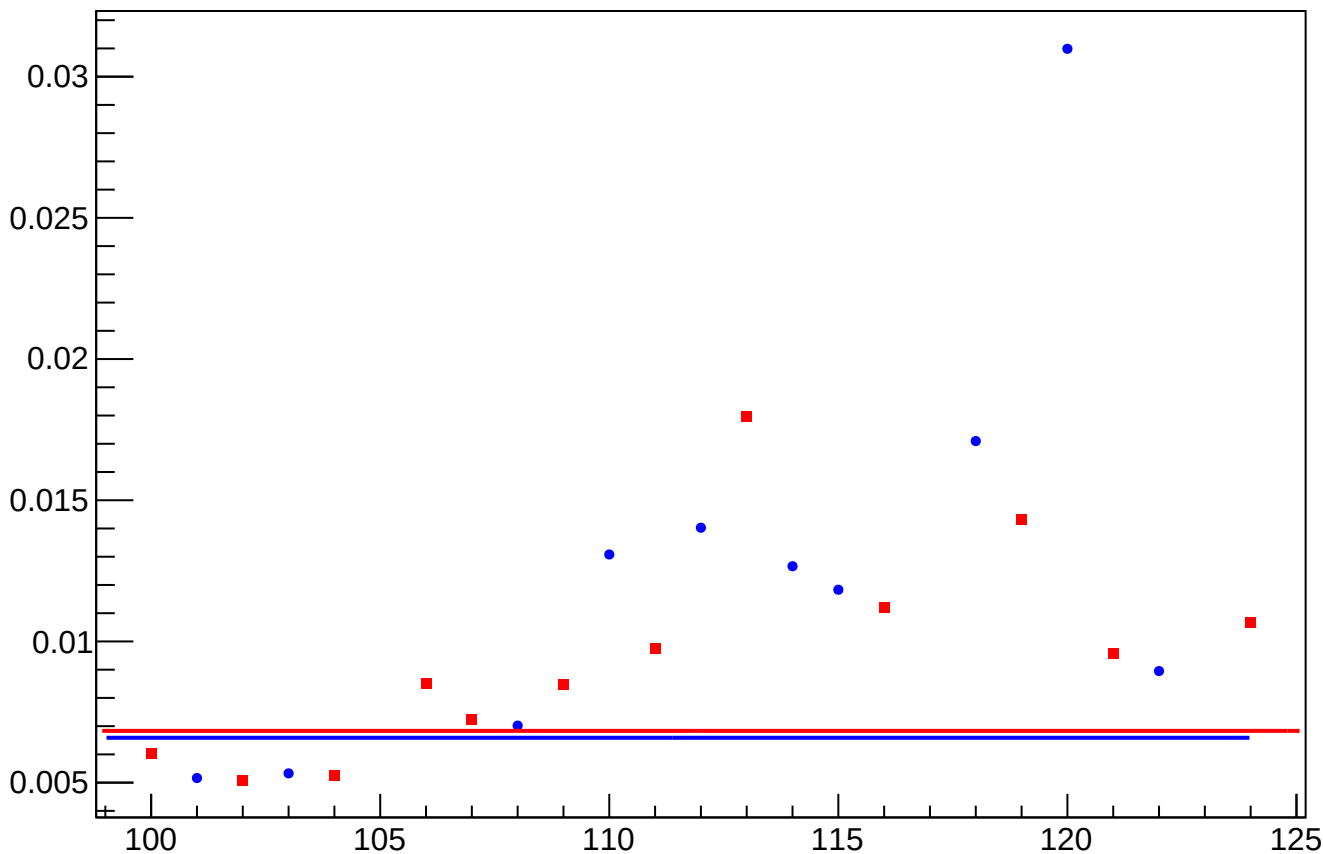
Right: -2.349+/-0.000 χ^2/NDF : 11699104549.1/21

In: -2.371+/-0.000 χ^2/NDF :4497477508.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.349+/-0.000 χ^2/NDF : 11699104549.1/21

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1185300.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 936863.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

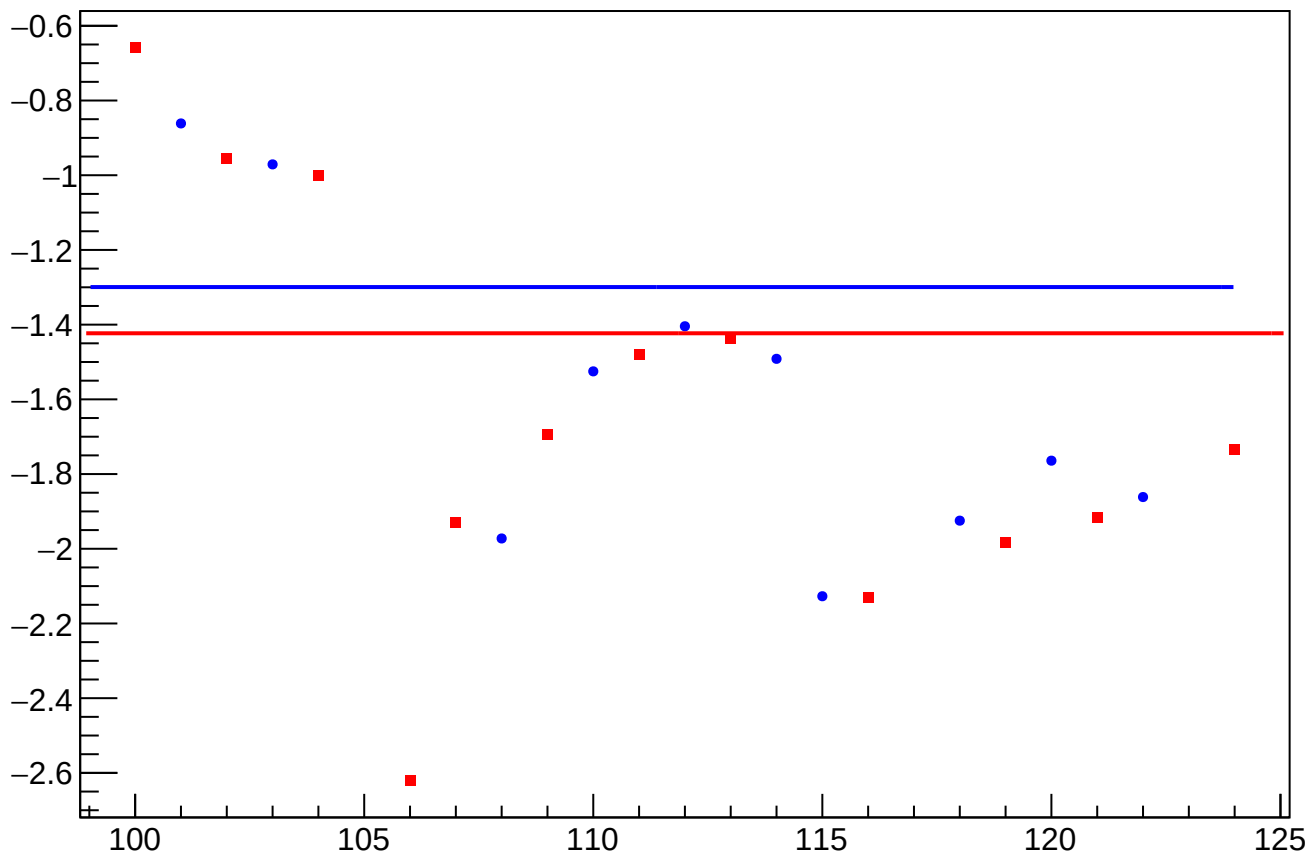
Right: 0.007+/-0.000 χ^2/NDF : 2126110.0/21

In: 0.007+/-0.000 χ^2/NDF :1185300.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2126110.0/21

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.299+/-0.000 χ^2/NDF : 16133658643.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.423+/-0.000 χ^2/NDF : 23948299253.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

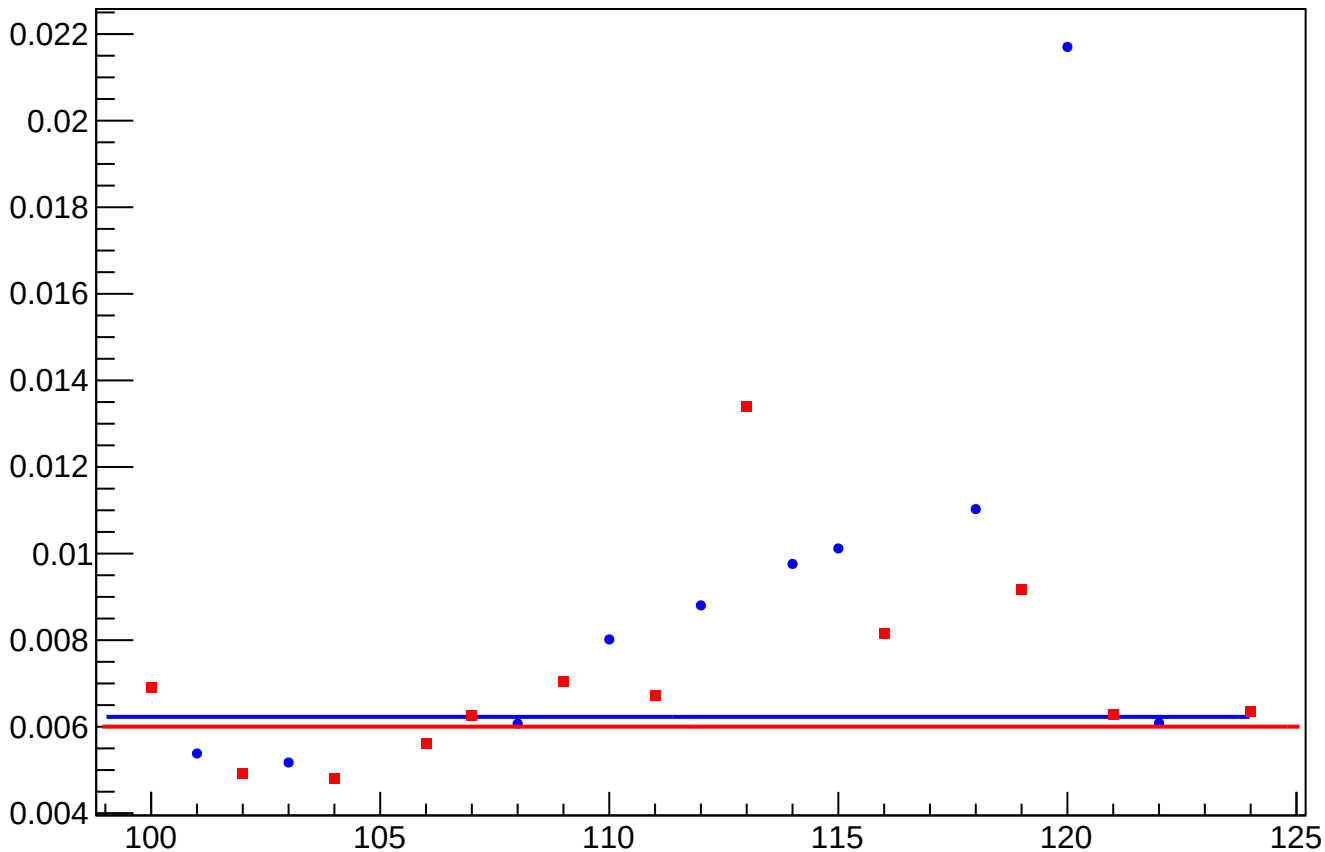
Right: -1.369+/-0.000 χ^2/NDF : 40741273189.4/21

In: -1.299+/-0.000 χ^2/NDF :16133658643.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.369+/-0.000 χ^2/NDF : 40741273189.4/21

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 587801.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 428996.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

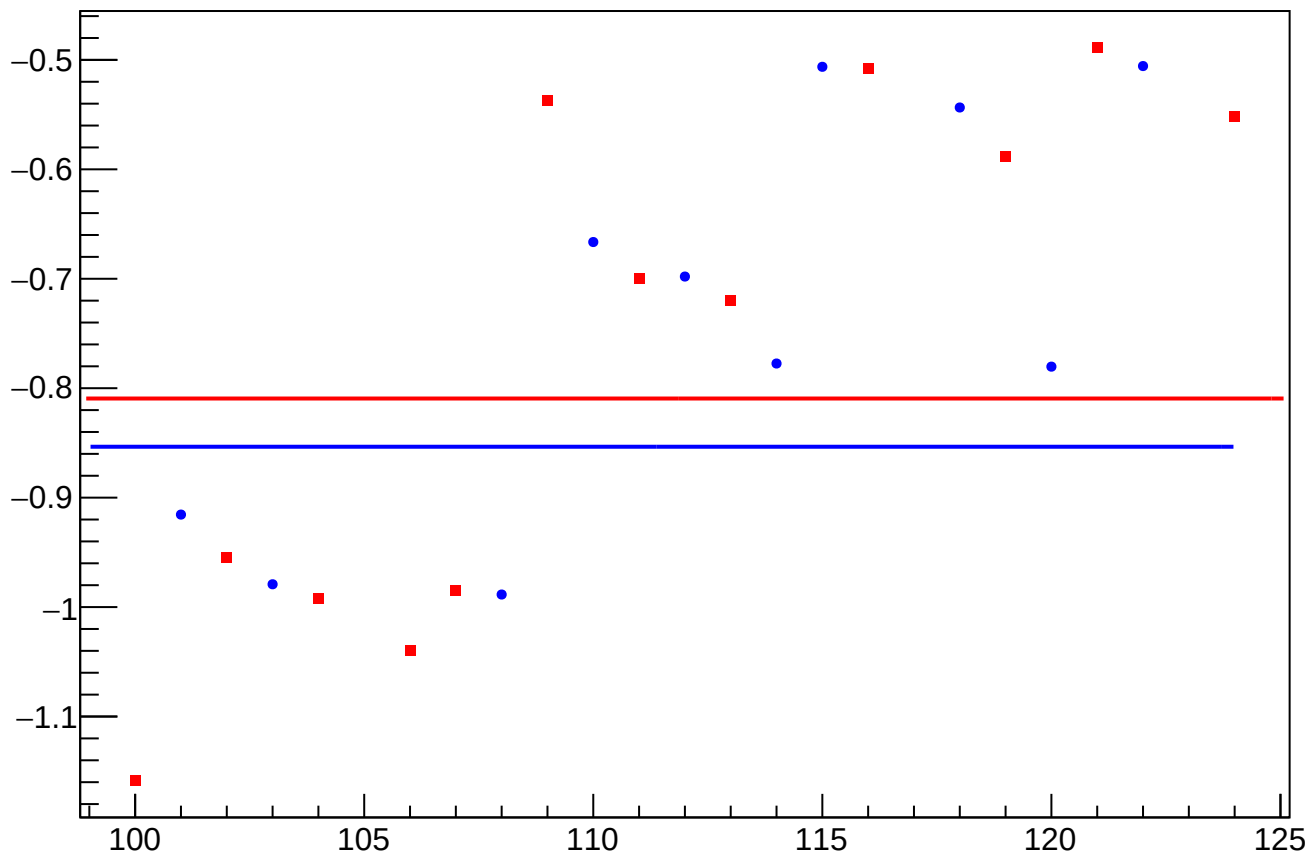
Right: 0.006+/-0.000 χ^2/NDF : 1021205.0/21

In: 0.006+/-0.000 χ^2/NDF :587801.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1021205.0/21

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.853+/-0.000 χ^2/NDF : 3453364678.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.809+/-0.000 χ^2/NDF : 6037924452.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

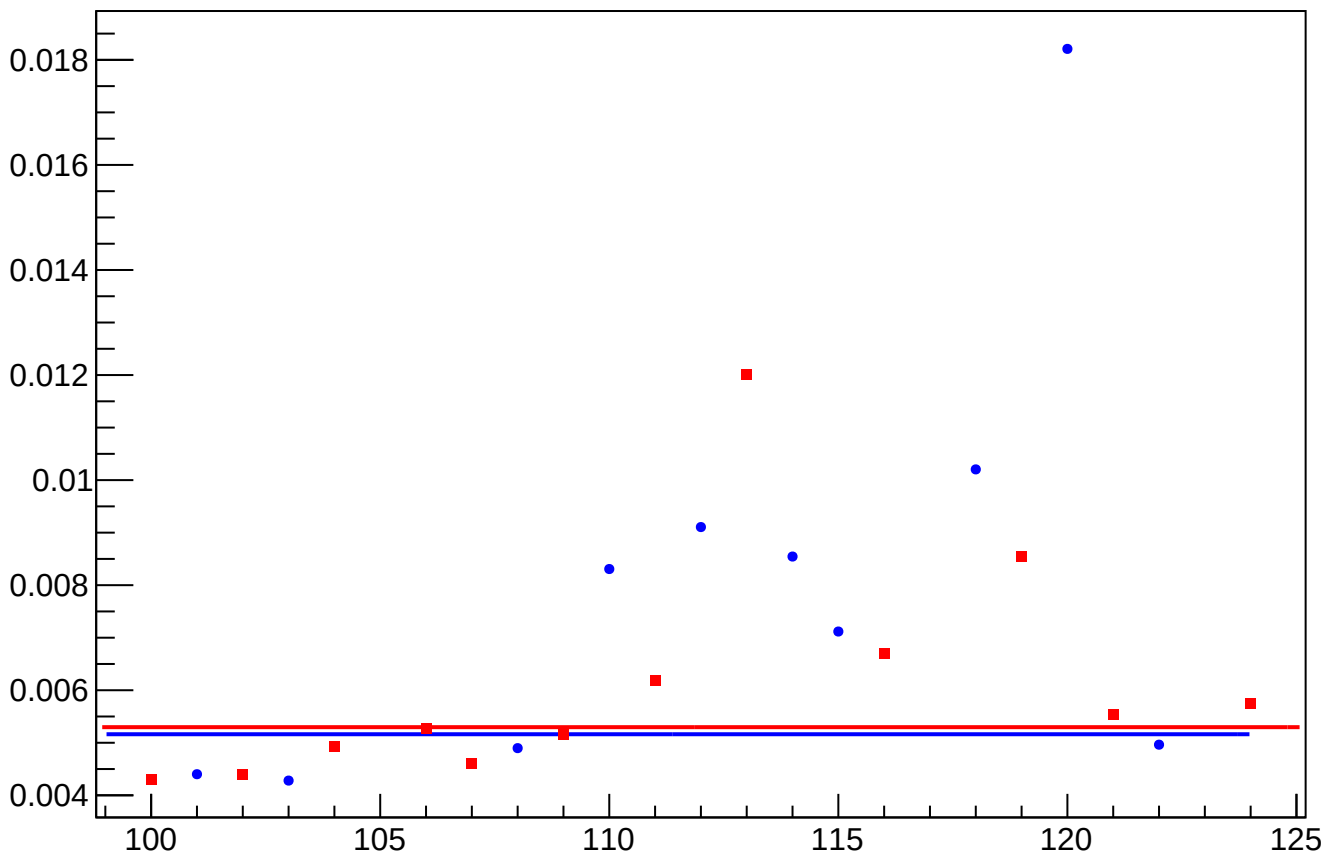
Right: -0.830+/-0.000 χ^2/NDF : 9606156732.4/21

In: -0.853+/-0.000 χ^2/NDF :3453364678.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.830+/-0.000 χ^2/NDF : 9606156732.4/2

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 782335.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 408282.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

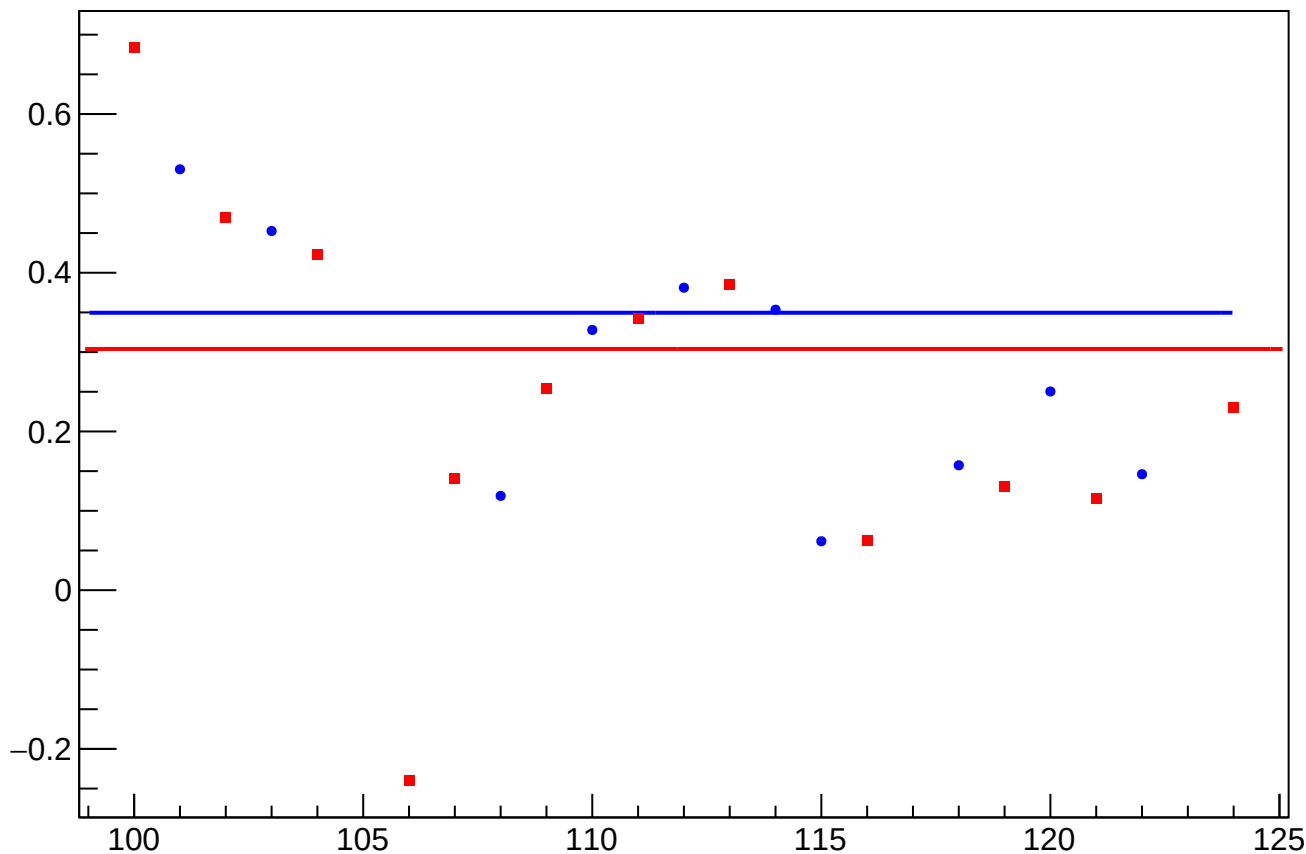
Right: 0.005+/-0.000 χ^2/NDF : 1192761.9/21

In: 0.005+/-0.000 χ^2/NDF :782335.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1192761.9/21

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 4956483575.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.304+/-0.000 χ^2/NDF : 7126338234.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

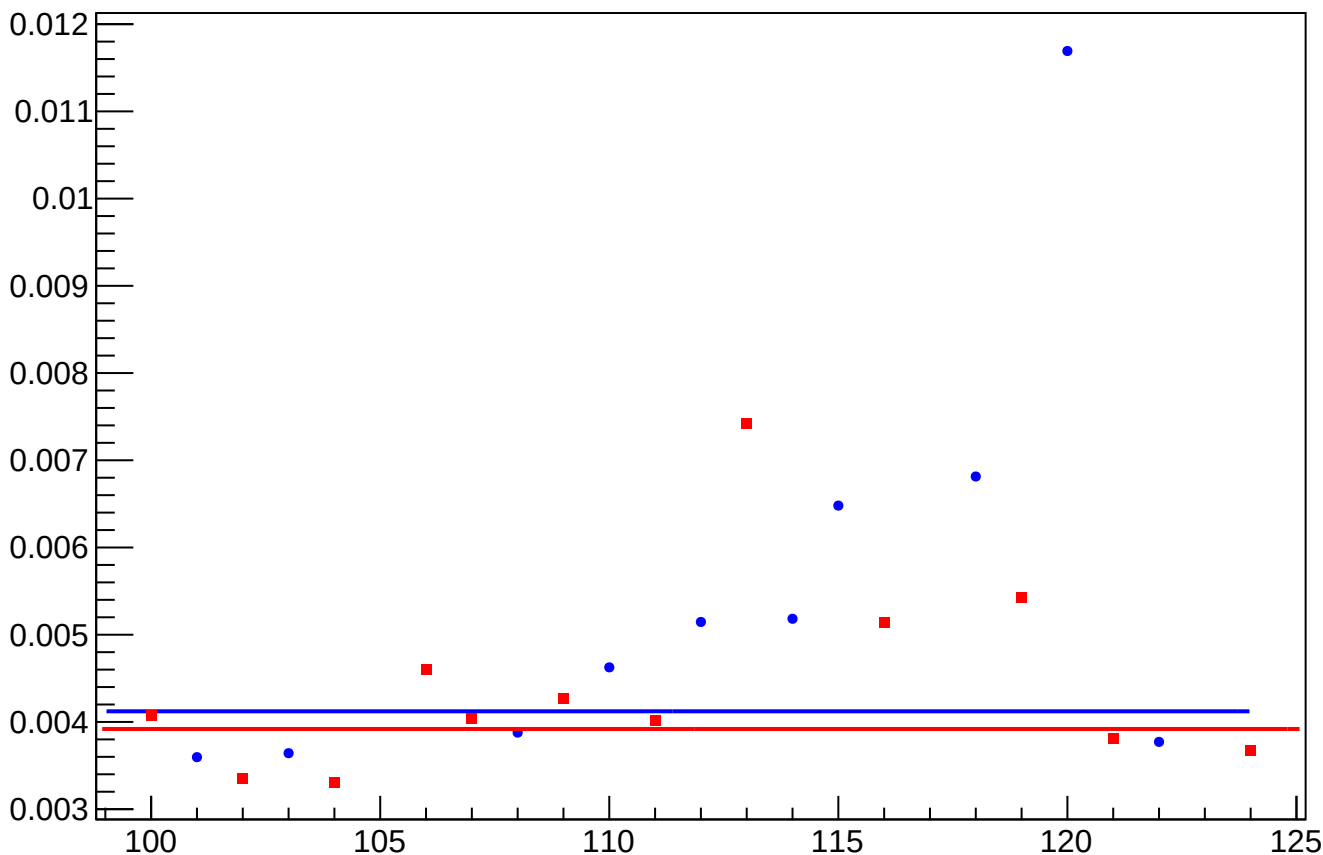
Right: 0.324+/-0.000 χ^2/NDF : 12301206908.3/21

In: 0.350+/-0.000 χ^2/NDF : 4956483575.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.324+/-0.000 χ^2/NDF : 12301206908.3/21

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 461003.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 290729.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

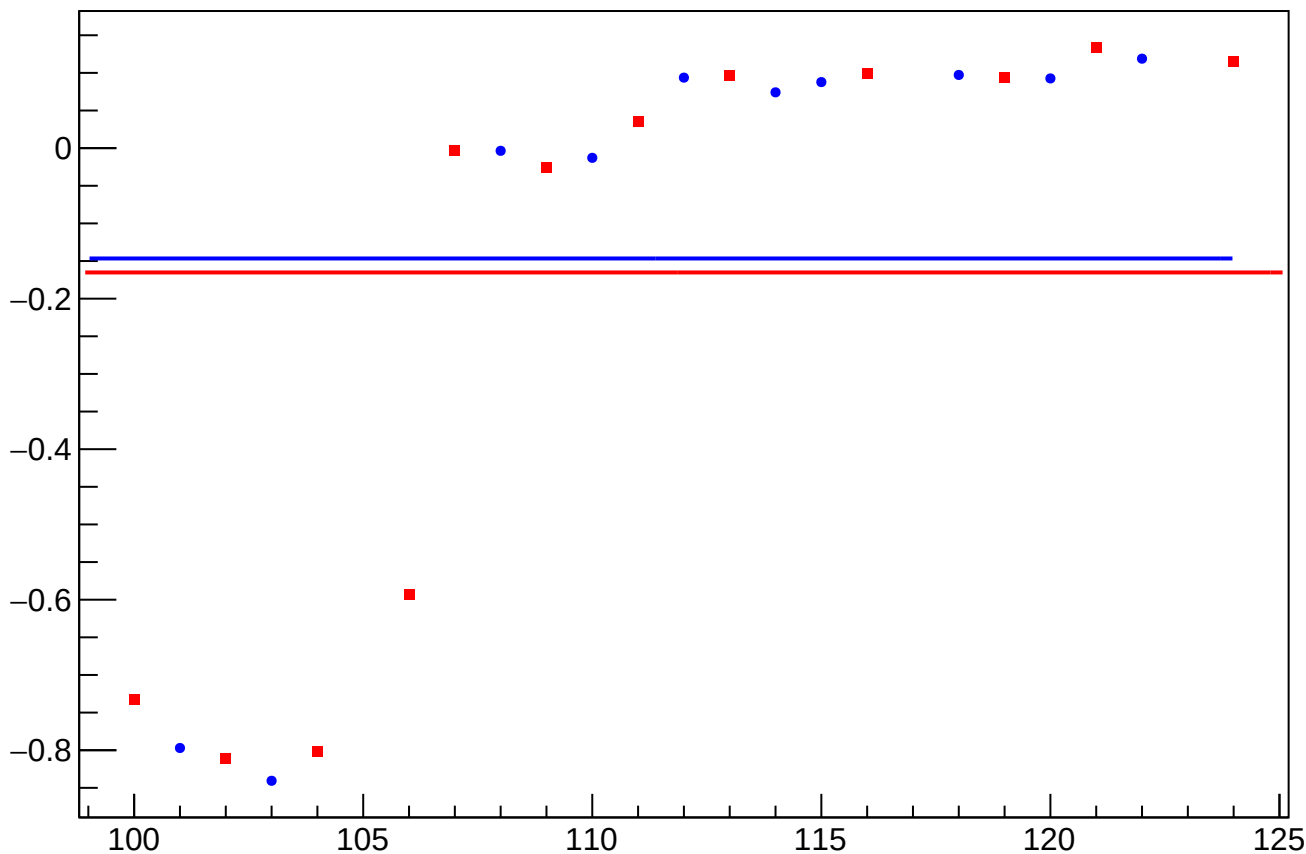
Right: 0.004+/-0.000 χ^2/NDF : 760329.5/21

In: 0.004+/-0.000 χ^2/NDF :461003.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 760329.5/21

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.147+/-0.000 χ^2/NDF : 5170870916.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.165+/-0.000 χ^2/NDF : 5742014955.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

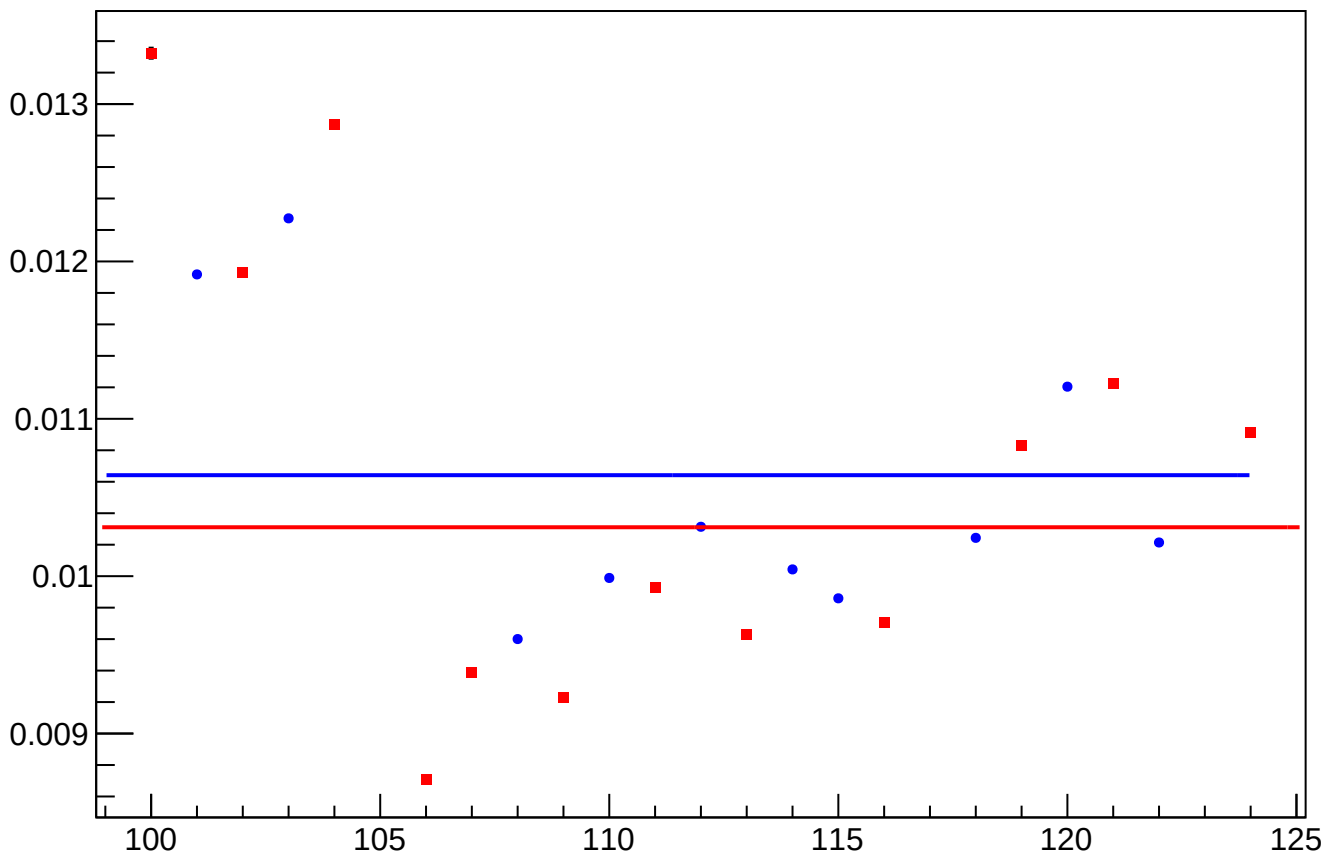
Right: -0.157+/-0.000 χ^2/NDF : 10919648113.6/21

In: -0.147+/-0.000 χ^2/NDF :5170870916.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.157+/-0.000 χ^2/NDF : 10919648113.6/21

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 57148.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 130916.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

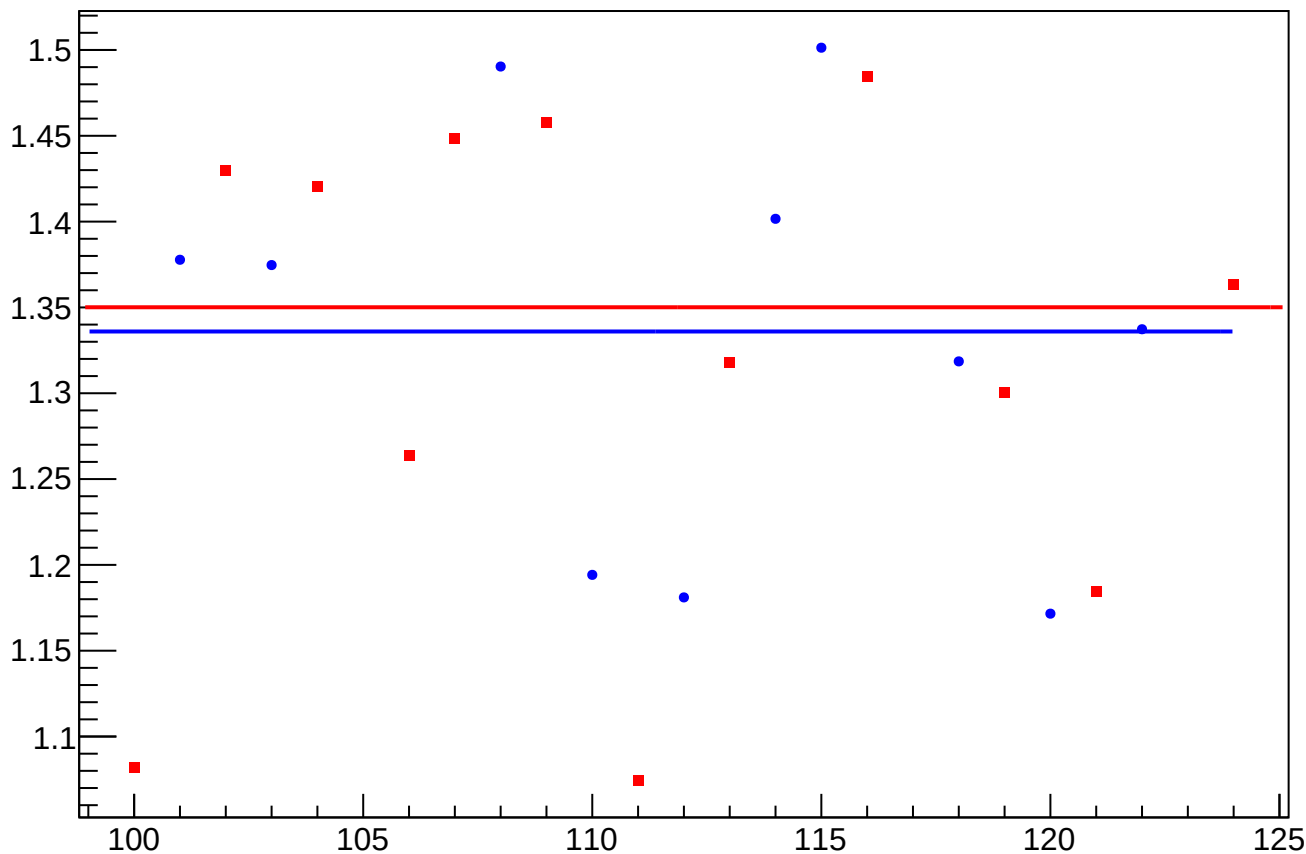
Right: 0.010+/-0.000 χ^2/NDF : 192359.2/21

In: 0.011+/-0.000 χ^2/NDF : 57148.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 192359.2/21

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.336+/-0.000 χ^2/NDF : 763036239.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.350+/-0.000 χ^2/NDF : 1310437014.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

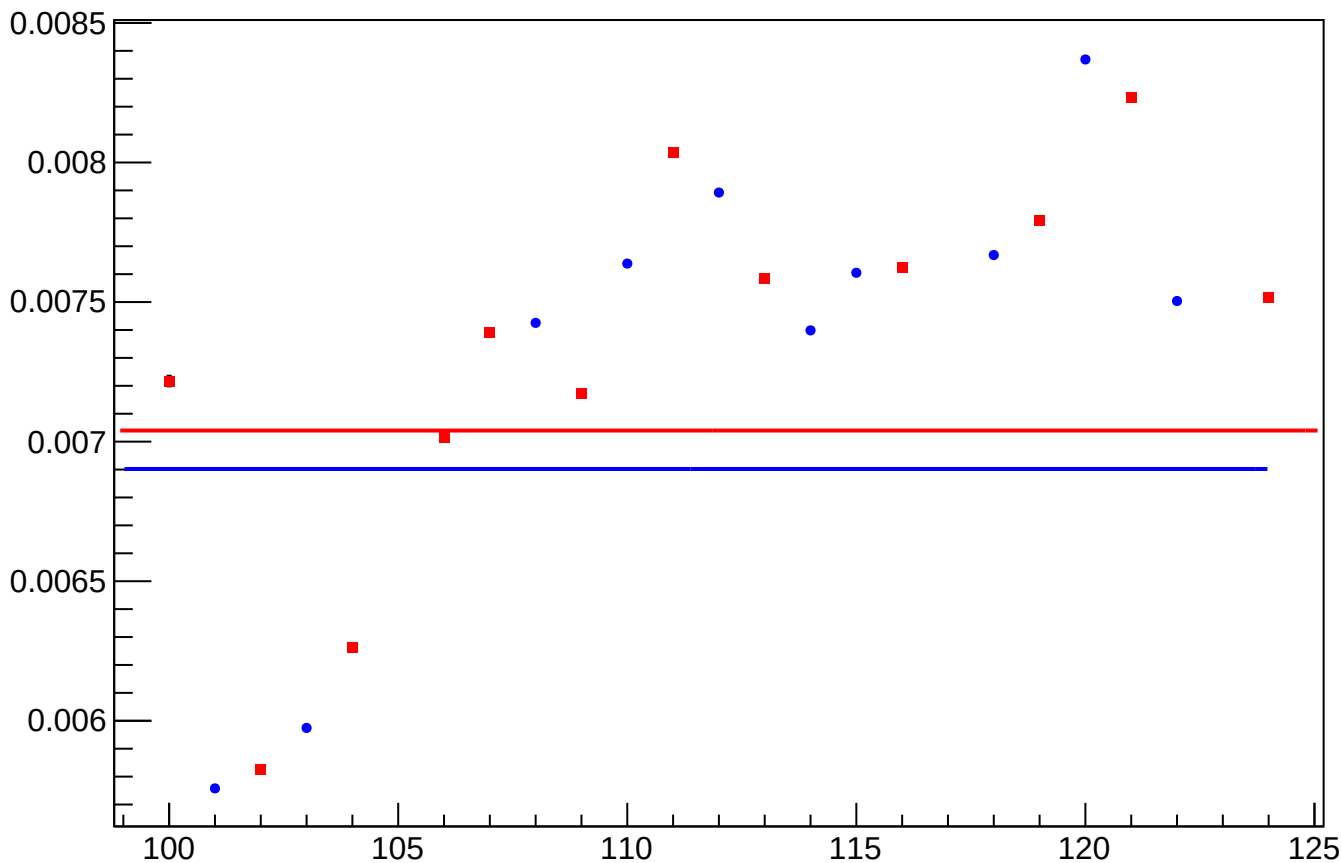
Right: 1.343+/-0.000 χ^2/NDF : 2082265920.6/21

In: 1.336+/-0.000 χ^2/NDF : 763036239.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.343+/-0.000 χ^2/NDF : 2082265920.6/21

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 147258.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 125424.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

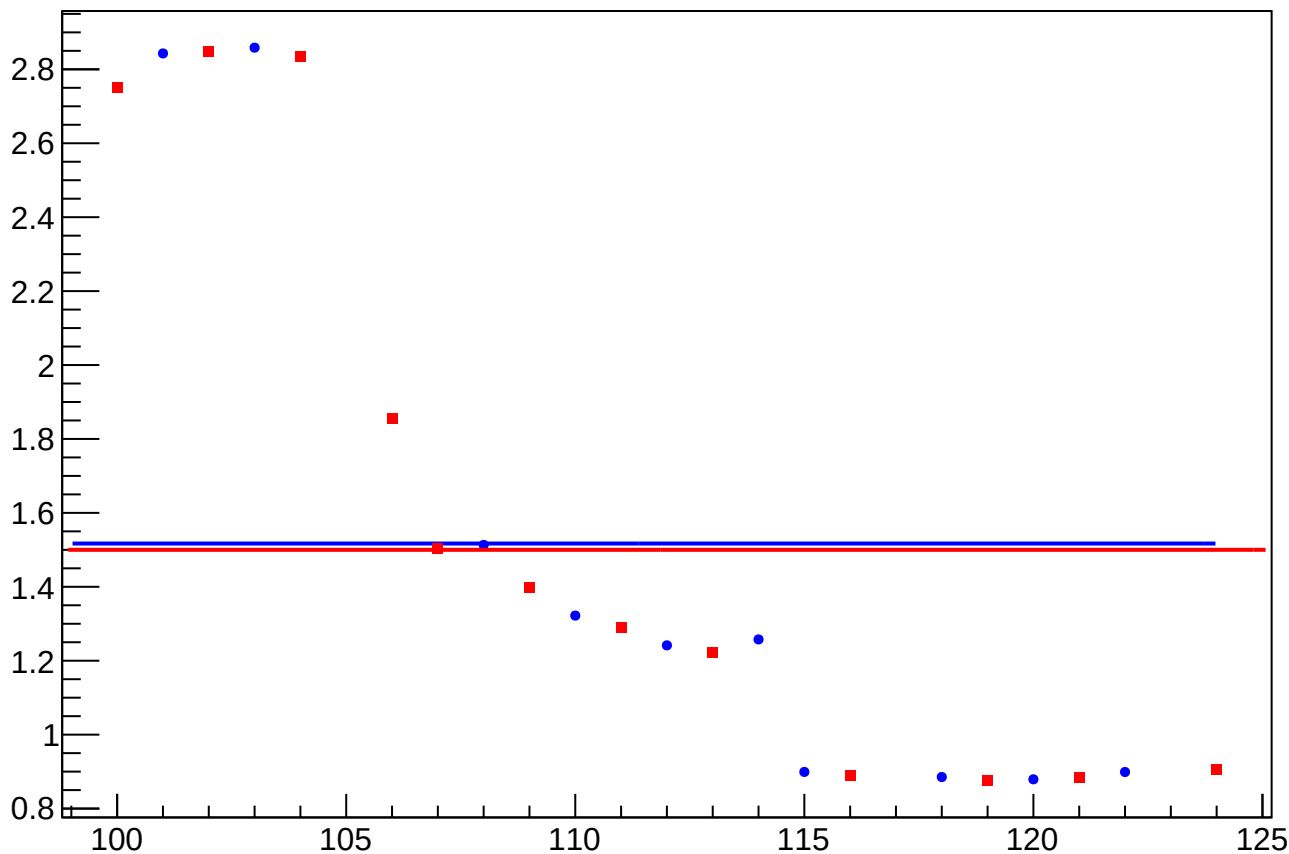
Right: 0.007+/-0.000 χ^2/NDF : 274358.7/21

In: 0.007+/-0.000 χ^2/NDF :147258.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 274358.7/21

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.517+/-0.000 χ^2/NDF : 48222581354.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.500+/-0.000 χ^2/NDF : 45869192091.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

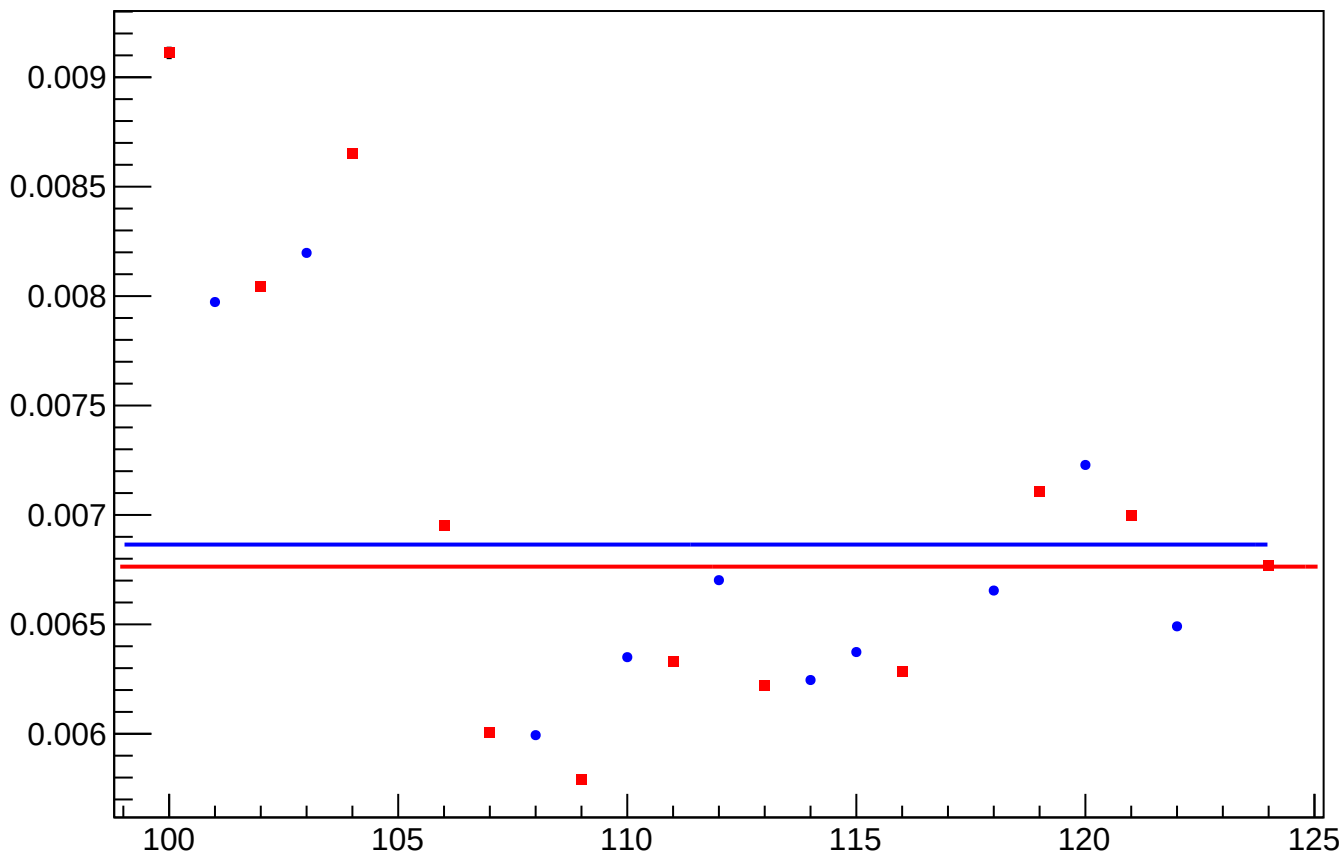
Right: 1.508+/-0.000 χ^2/NDF : 94105201449.0/21

In: 1.517+/-0.000 χ^2/NDF : 48222581354.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.508+/-0.000 χ^2/NDF : 94105201449.0/21

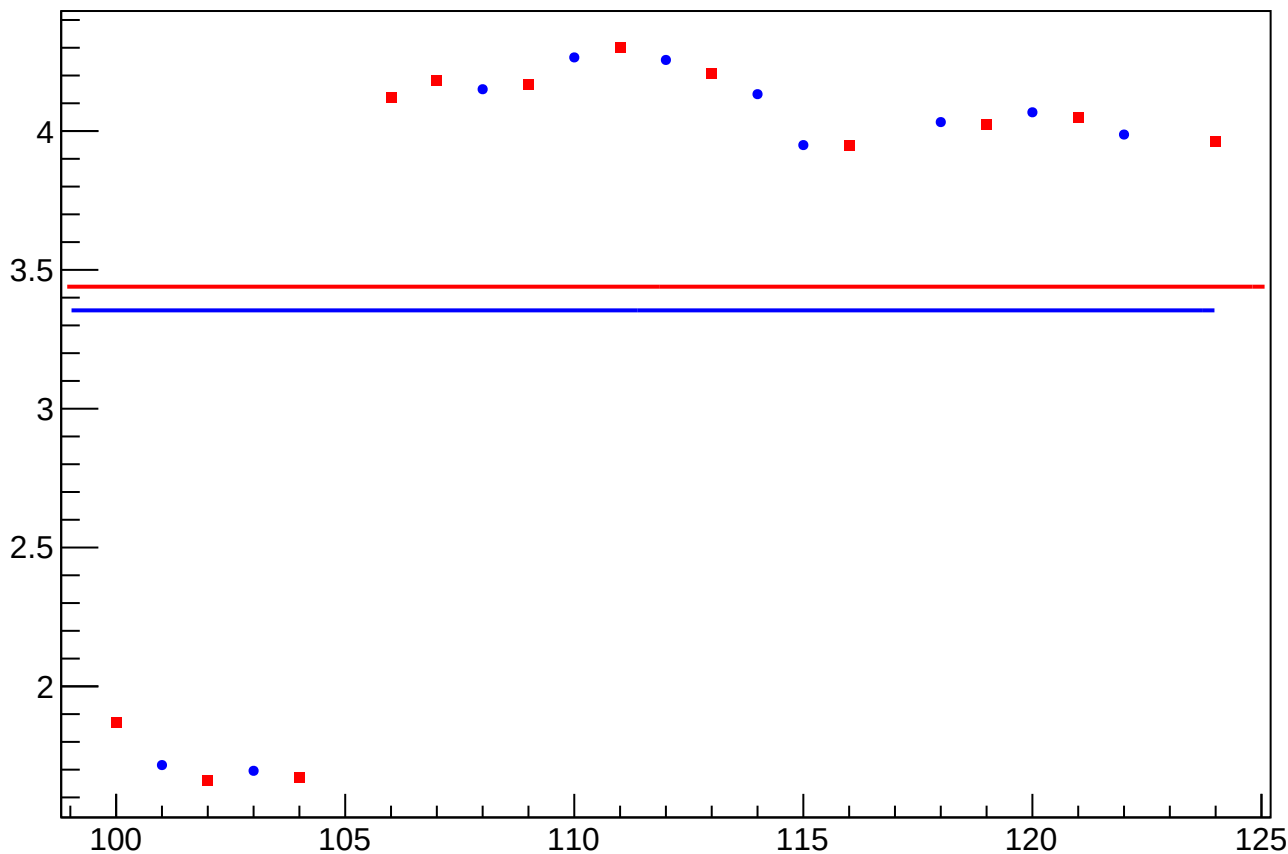
yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 88684.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.007+/-0.000 χ^2/NDF : 148204.6/11
 Left 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 : 237829.1/21
 In: 0.007+/-0.000 χ^2/NDF :88684.2/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.007+/-0.000 χ^2/NDF : 237829.1/21

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.354+/-0.000

χ^2/NDF : 180683158295.7/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 3.399+/-0.000

χ^2/NDF : 375852420345.5/21

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 3.354+/-0.000

χ^2/NDF : 180683158295.7/9

Right Out: 3.439+/-0.000

χ^2/NDF : 194624253383.5/11

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

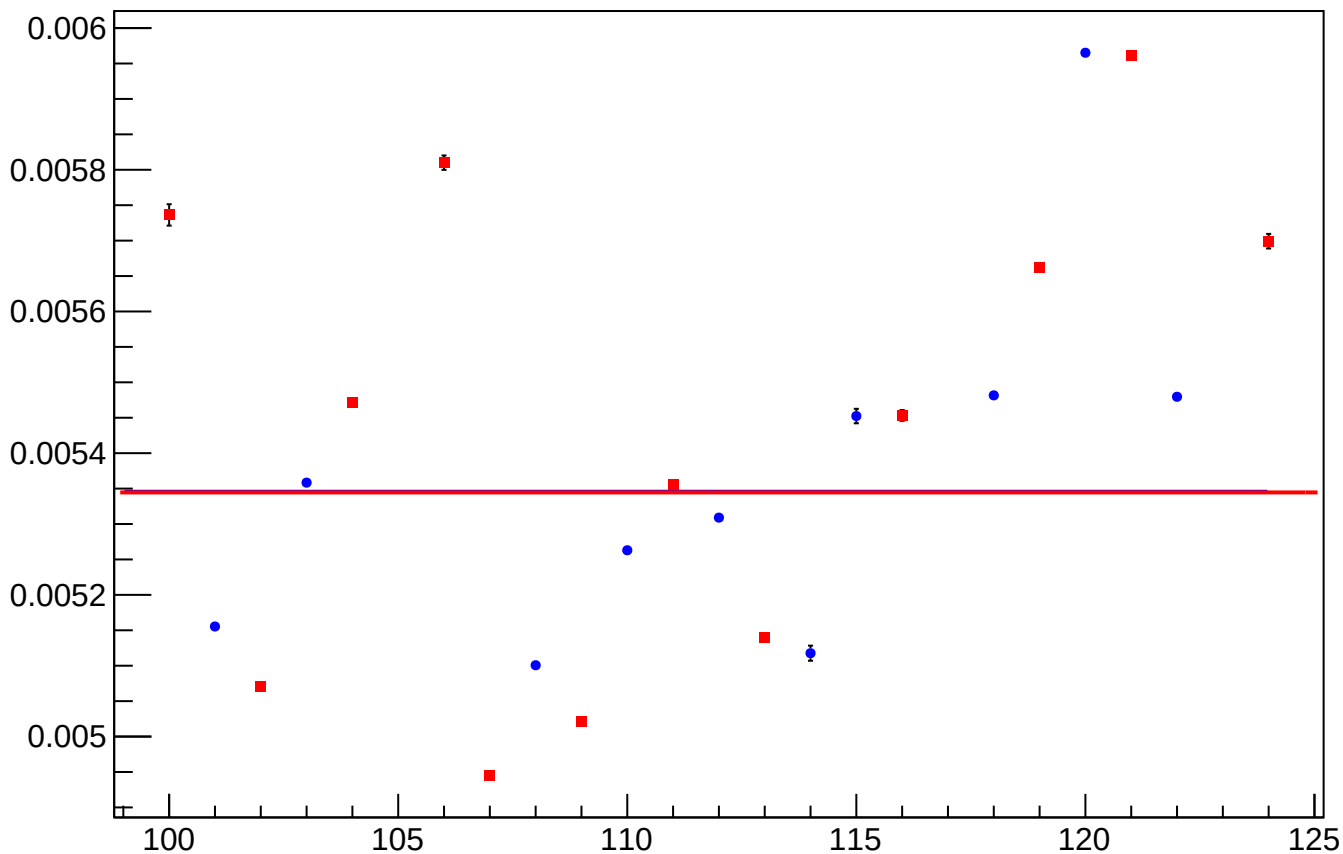
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.399+/-0.000

χ^2/NDF : 375852420345.5

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 13085.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 30757.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

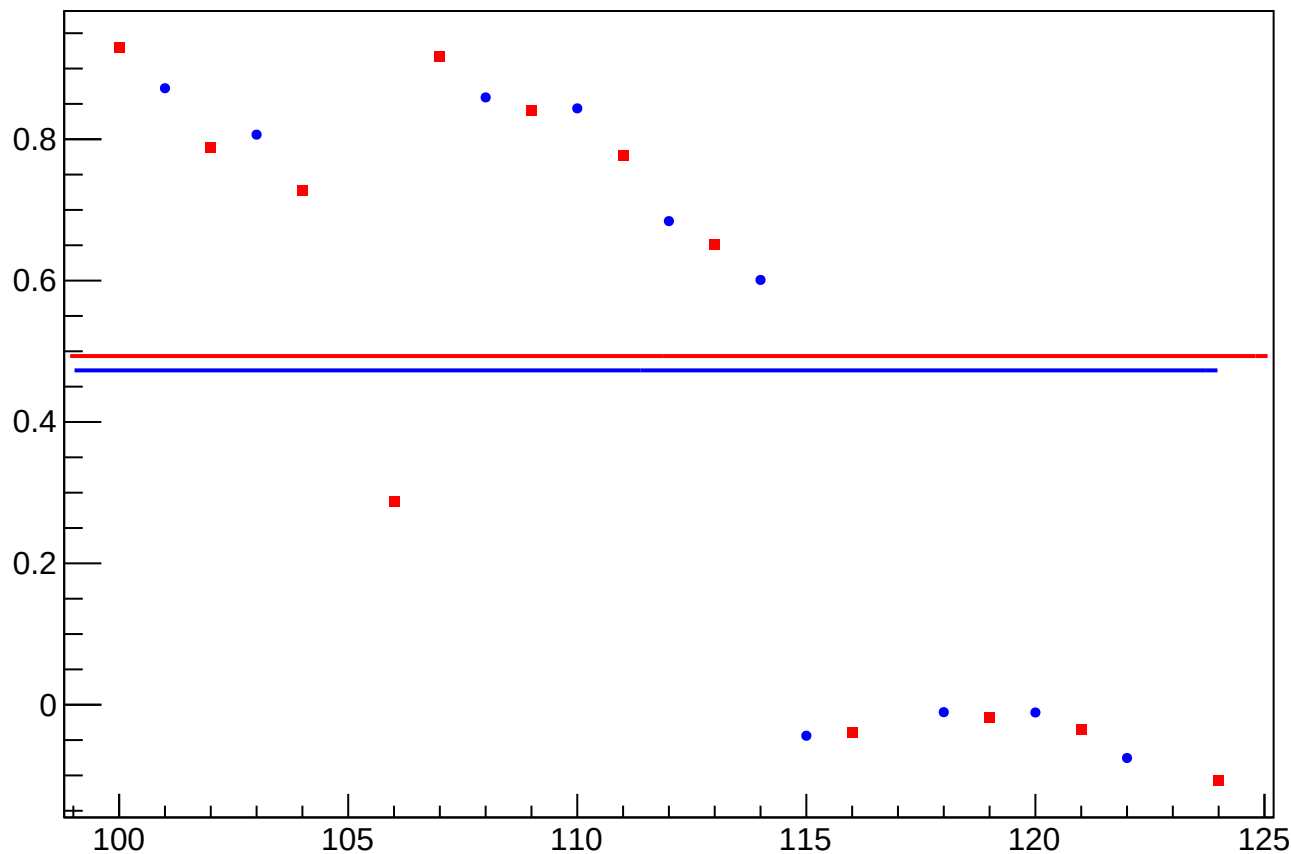
Right: 0.005+/-0.000 χ^2/NDF : 43842.8/21

In: 0.005+/-0.000 χ^2/NDF : 13085.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 43842.8/21

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.473+/-0.000 χ^2/NDF : 3464627997.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.493+/-0.000 χ^2/NDF : 3373034929.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

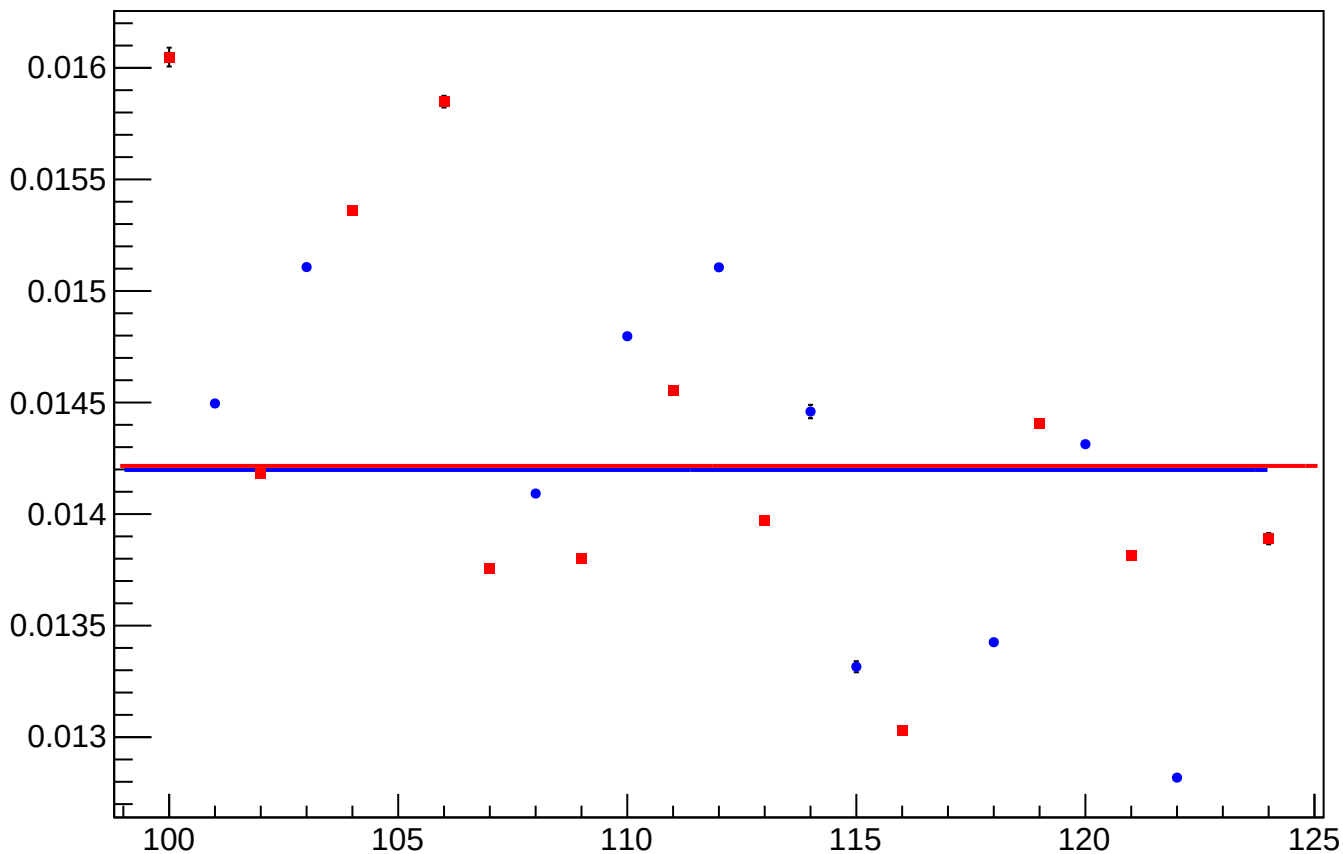
Right: 0.484+/-0.000 χ^2/NDF : 6842016394.2/21

In: 0.473+/-0.000 χ^2/NDF :3464627997.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.484+/-0.000 χ^2/NDF : 6842016394.2/21

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 24006.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 19131.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

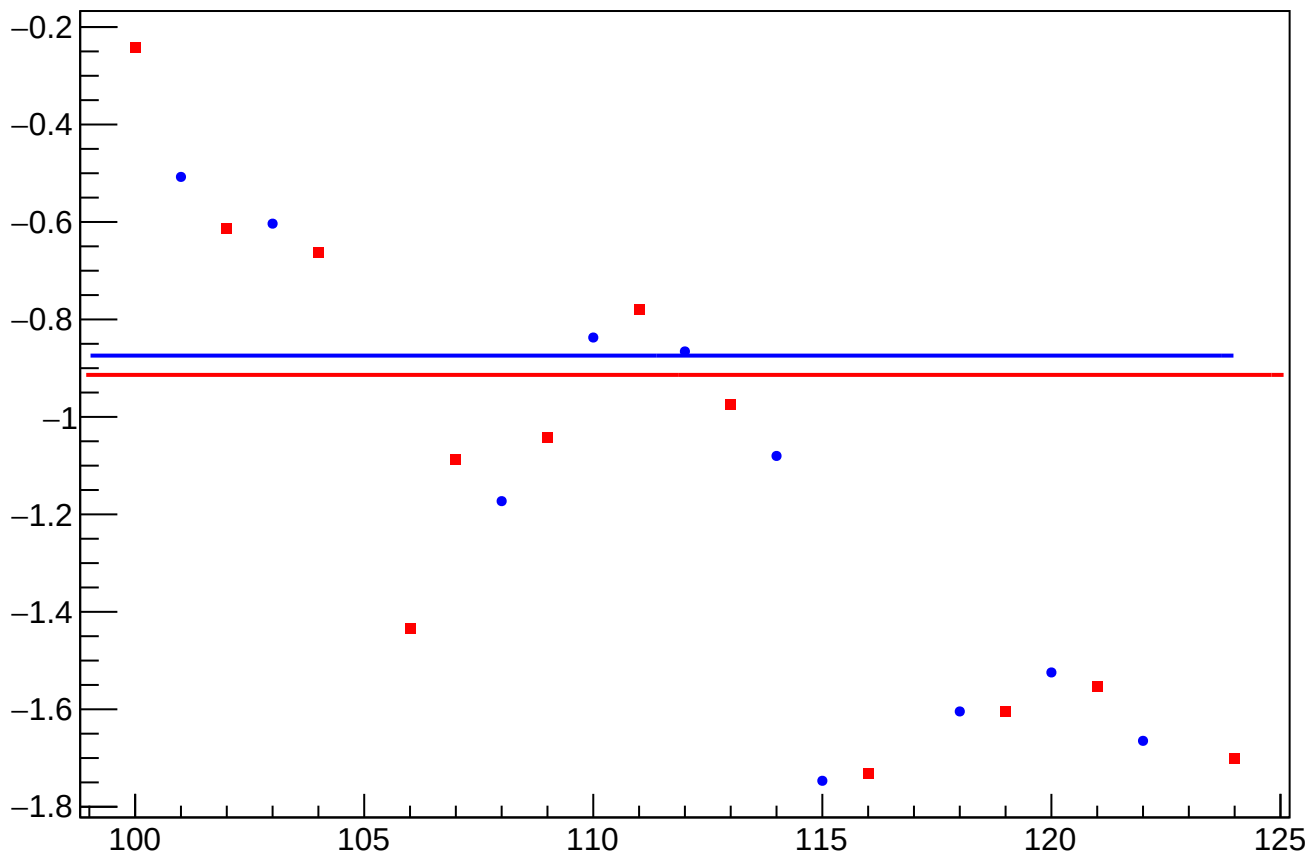
Right: 0.014+/-0.000 χ^2/NDF : 43145.2/21

In: 0.014+/-0.000 χ^2/NDF : 24006.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 43145.2/21

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.874+/-0.000 χ^2/NDF : 26158497028.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.914+/-0.000 χ^2/NDF : 23414708786.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

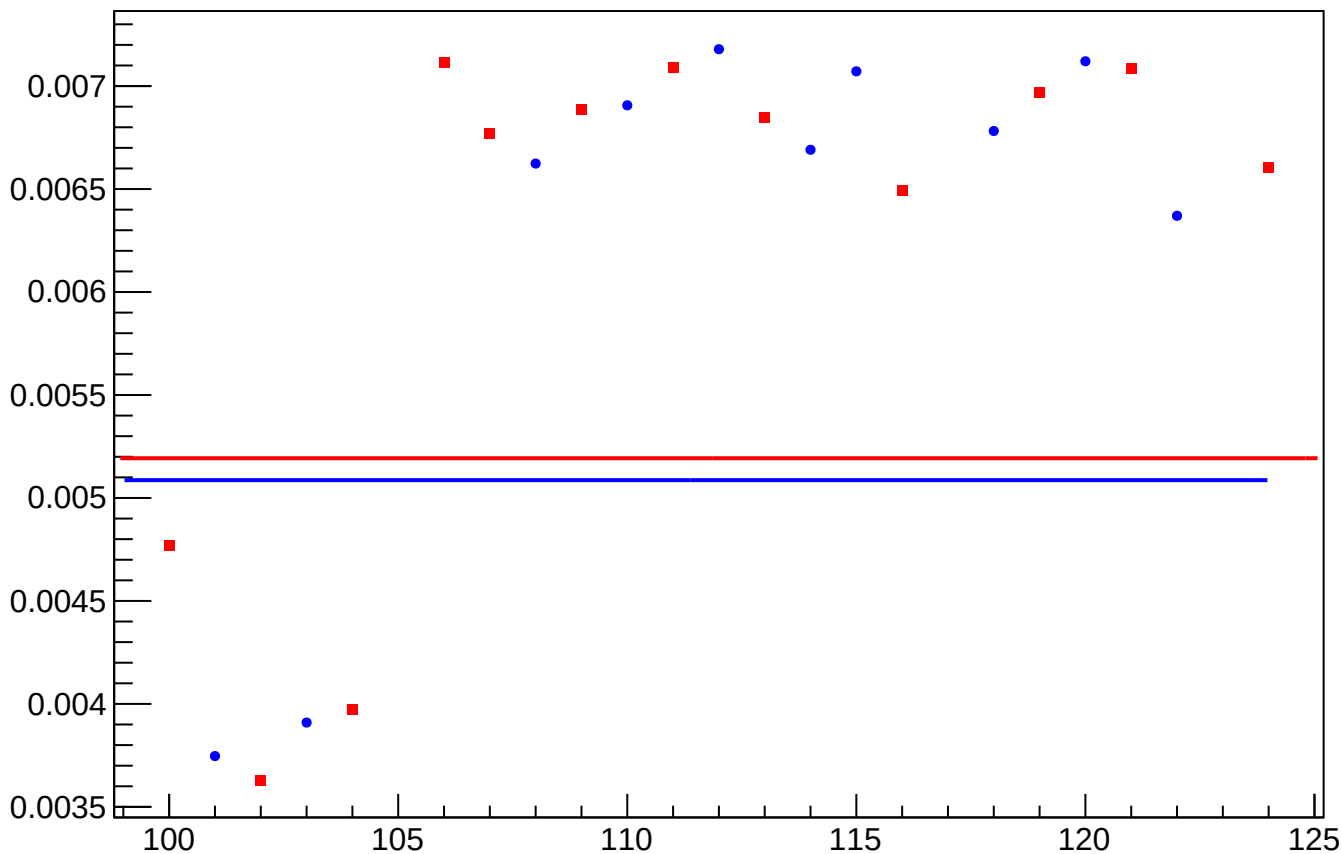
Right: -0.895+/-0.000 χ^2/NDF : 49683276612.9/21

In: -0.874+/-0.000 χ^2/NDF :26158497028.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.895+/-0.000 χ^2/NDF : 49683276612.9/21

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 603593.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 704229.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

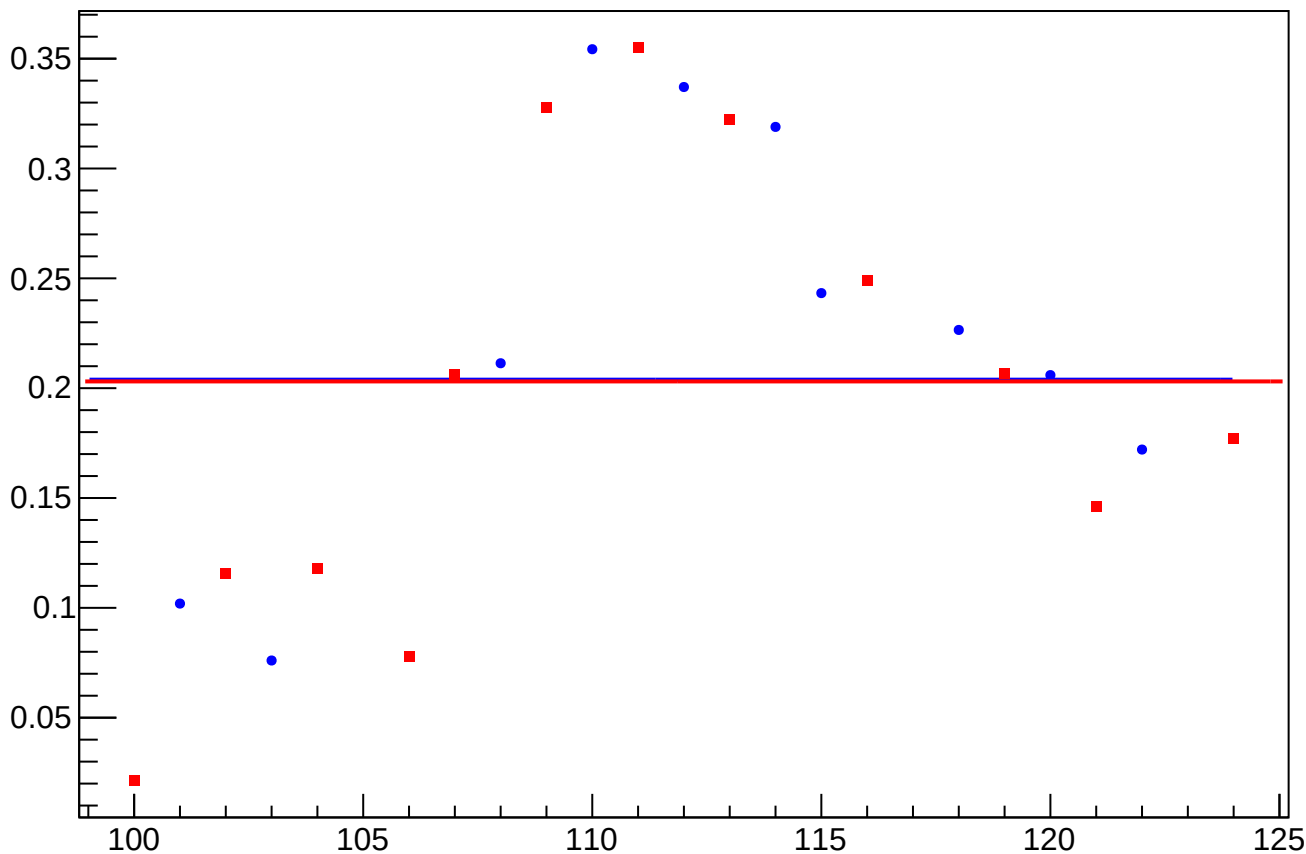
Right: 0.005+/-0.000 χ^2/NDF : 1309412.1/21

In: 0.005+/-0.000 χ^2/NDF :603593.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1309412.1/21

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.204+/-0.000 χ^2/NDF : 14346841477.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.203+/-0.000 χ^2/NDF : 19996438565.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

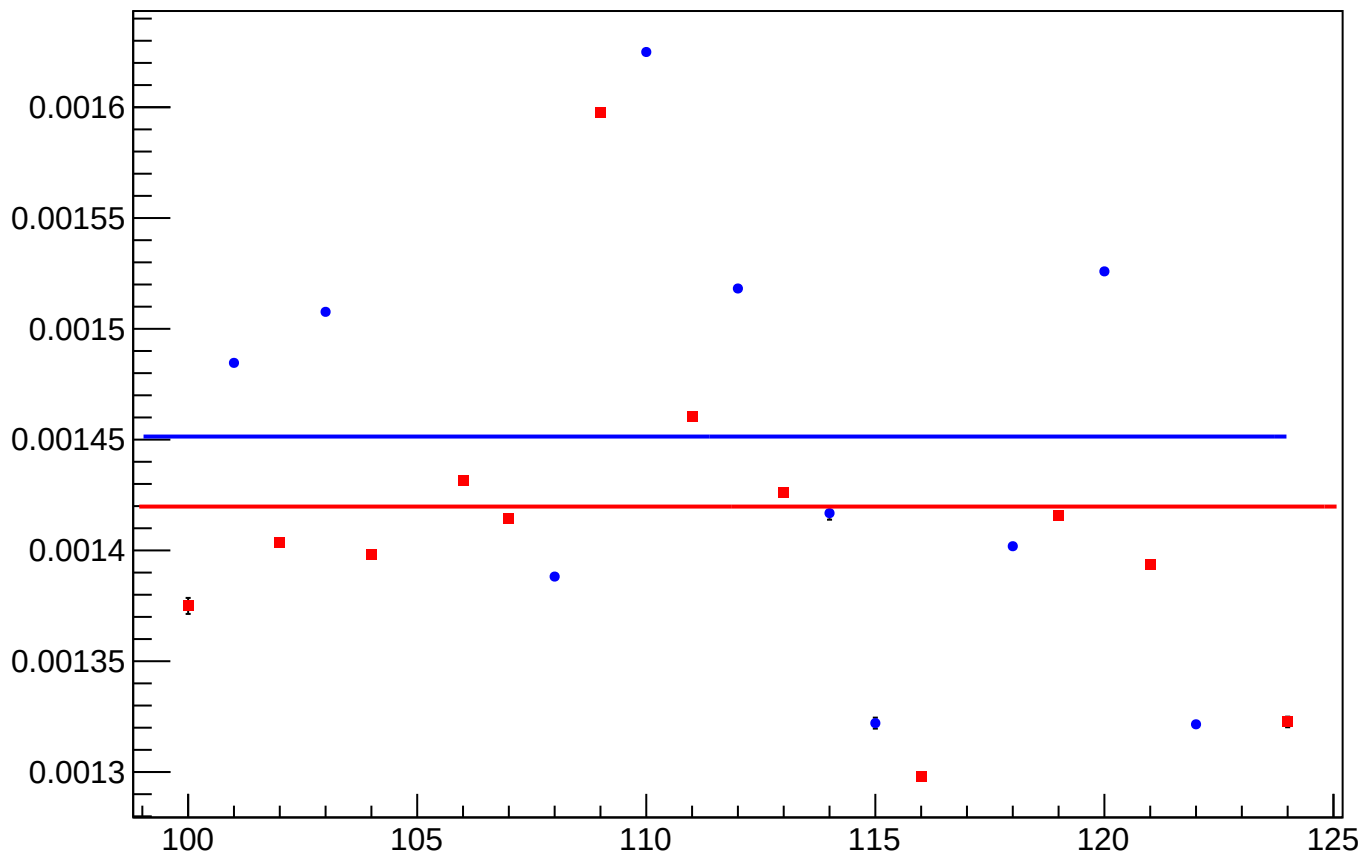
Right: 0.203+/-0.000 χ^2/NDF : 34343922700.6/21

In: 0.204+/-0.000 χ^2/NDF : 14346841477.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.203+/-0.000 χ^2/NDF : 34343922700.6/21

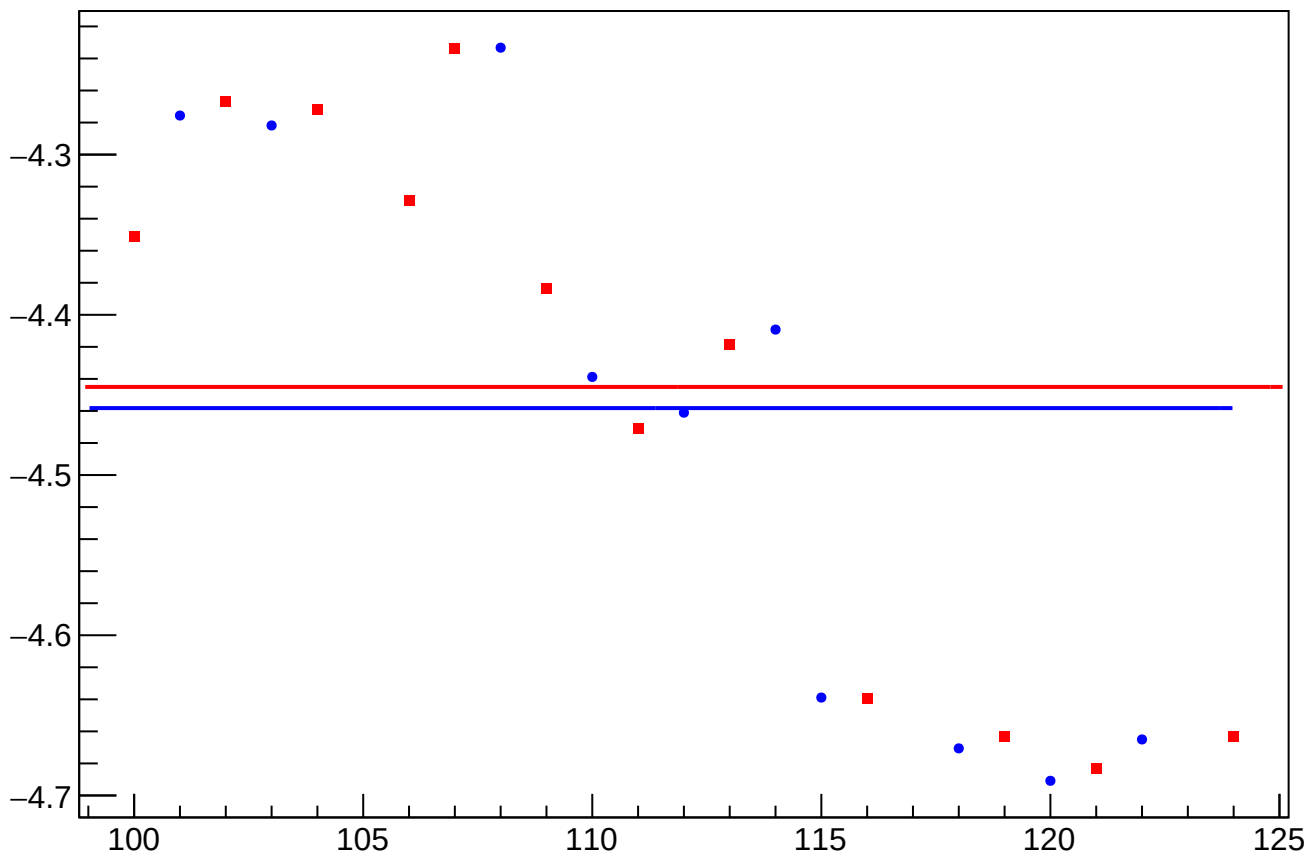
yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 27068.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 20521.0/11
 Left 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 : 49598.5/21
 In: 0.001+/-0.000 χ^2/NDF : 27068.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 49598.5/21

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.458+/-0.000 χ^2/NDF : 45304616623.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.445+/-0.000 χ^2/NDF : 40661748588.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

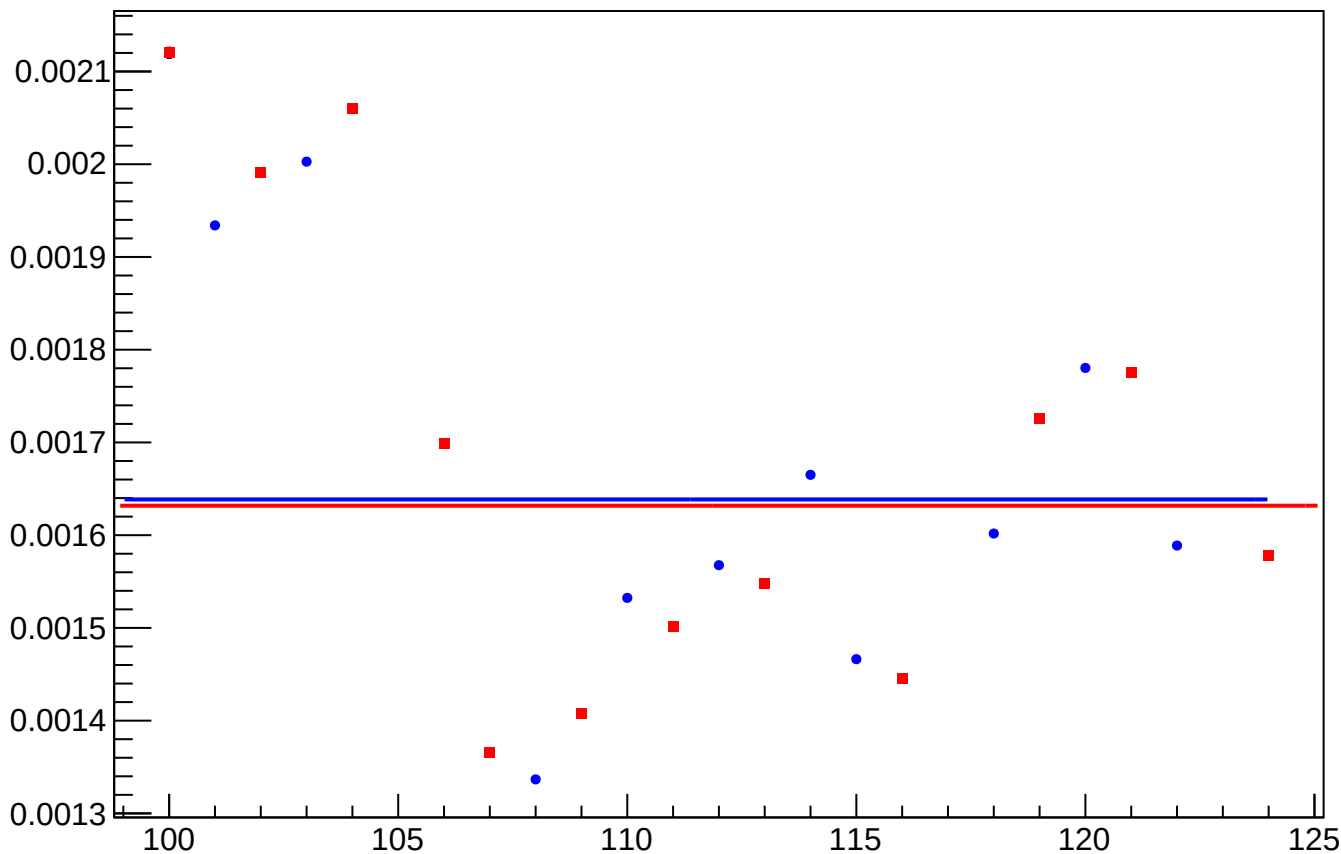
Right: -4.451+/-0.000 χ^2/NDF : 86102227753.6/21

In: -4.458+/-0.000 χ^2/NDF :45304616623.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.451+/-0.000 χ^2/NDF : 86102227753.6/21

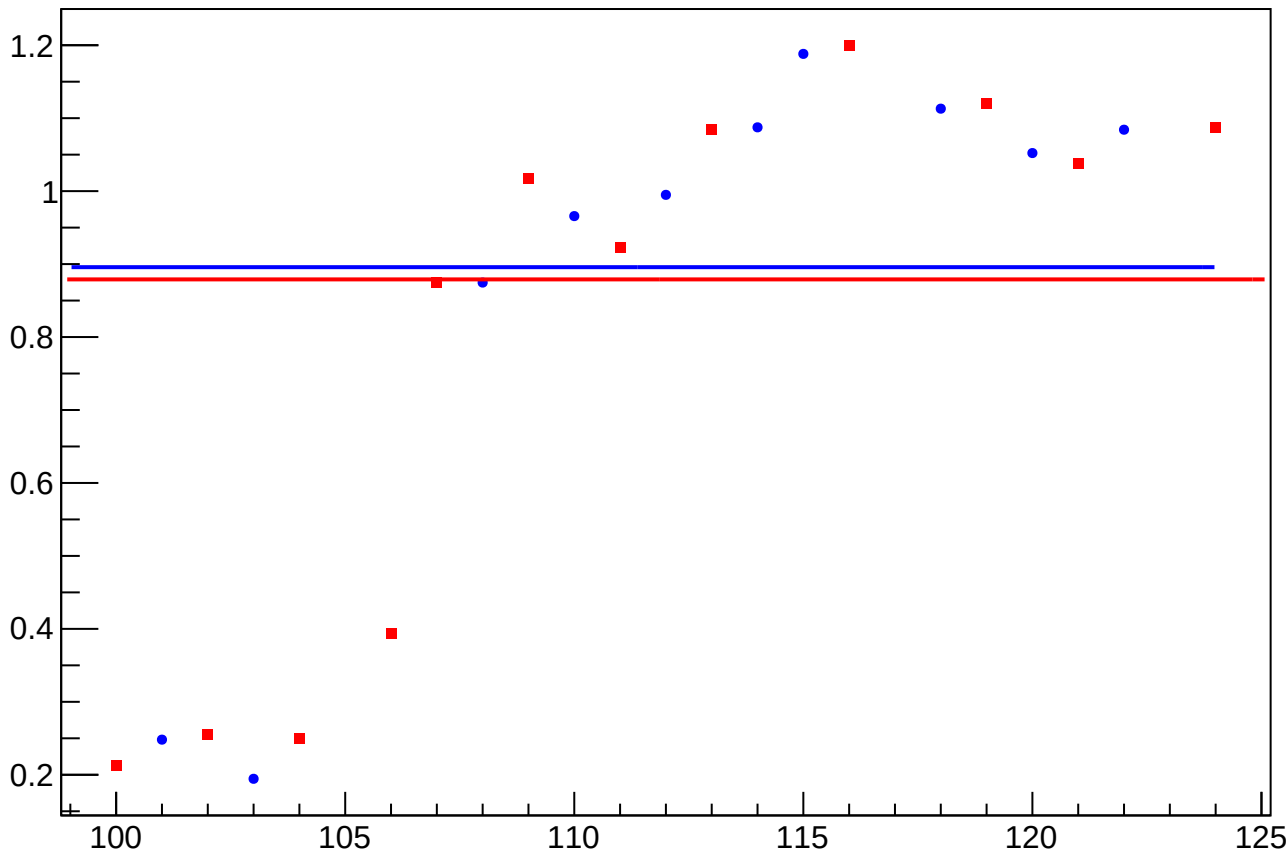
yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 124771.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 166544.6/11
 Left 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 : 291386.7/21
 In: 0.002+/-0.000 χ^2/NDF : 124771.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 291386.7/21

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.896+/-0.000 χ^2/NDF : 9558327697.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.879+/-0.000 χ^2/NDF : 12387326663.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

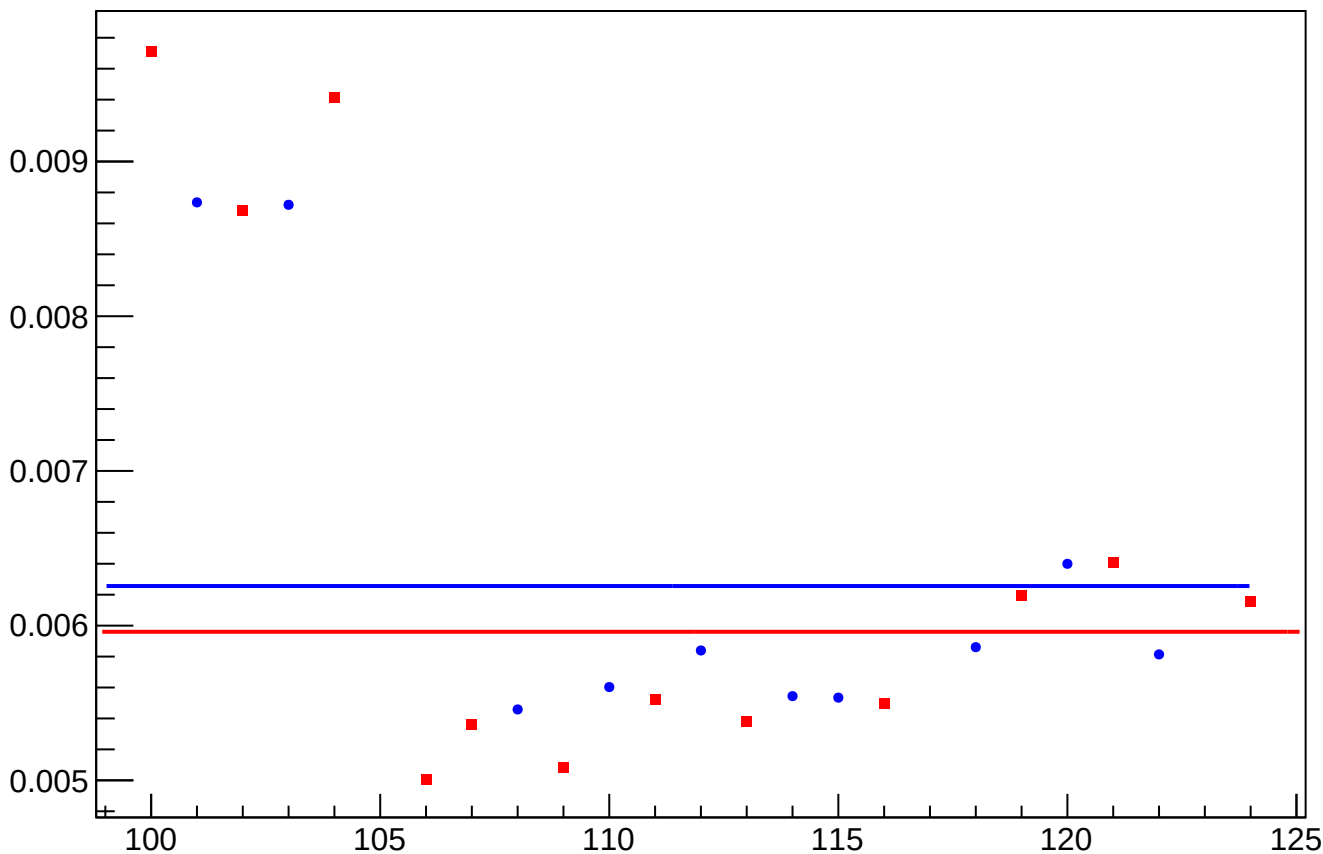
Right: 0.886+/-0.000 χ^2/NDF : 21961410256.0/21

In: 0.896+/-0.000 χ^2/NDF :9558327697.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.886+/-0.000 χ^2/NDF : 21961410256.0/21

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 251077.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 377190.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

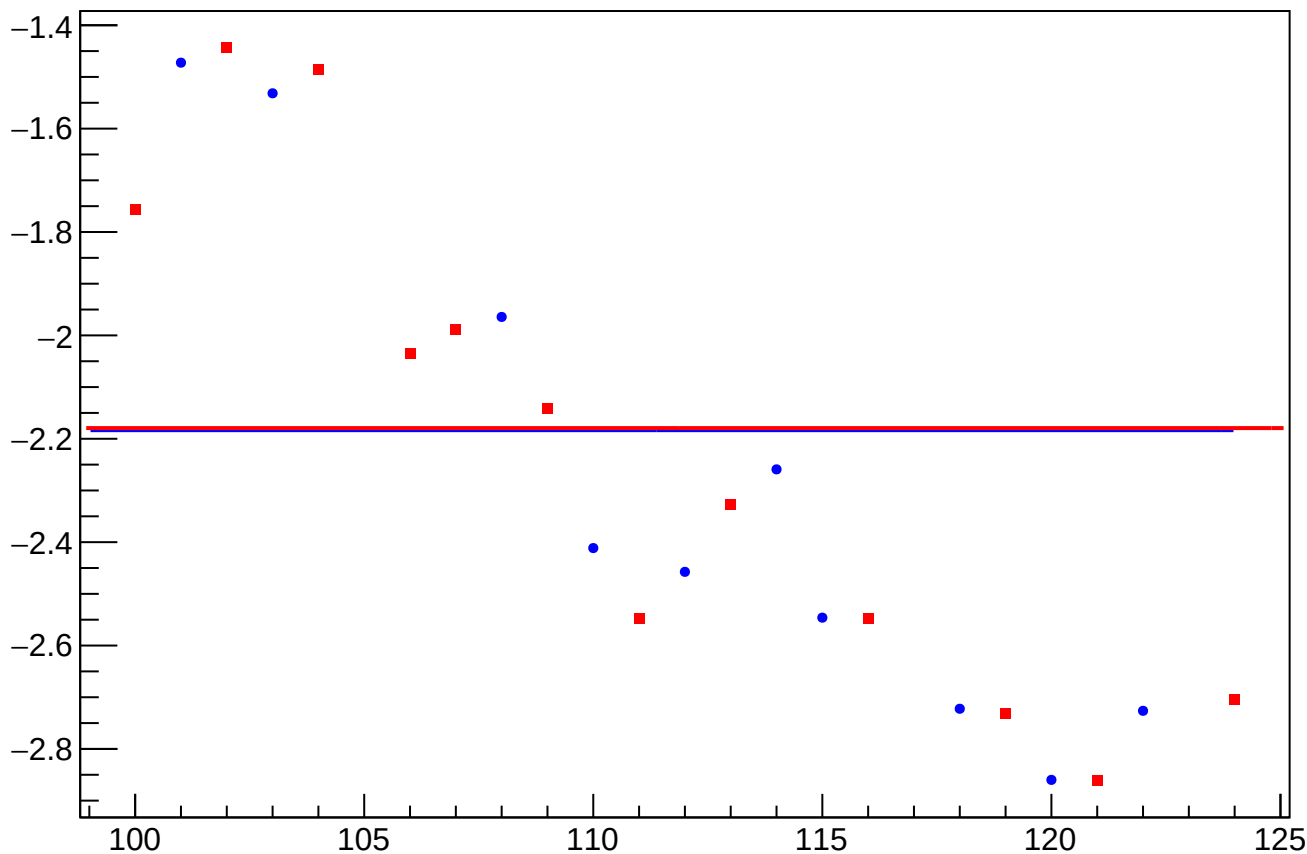
Right: 0.006+/-0.000 χ^2/NDF : 638068.3/21

In: 0.006+/-0.000 χ^2/NDF :251077.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 638068.3/21

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.183+/-0.000 χ^2/NDF : 33957547956.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.179+/-0.000 χ^2/NDF : 33723512909.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

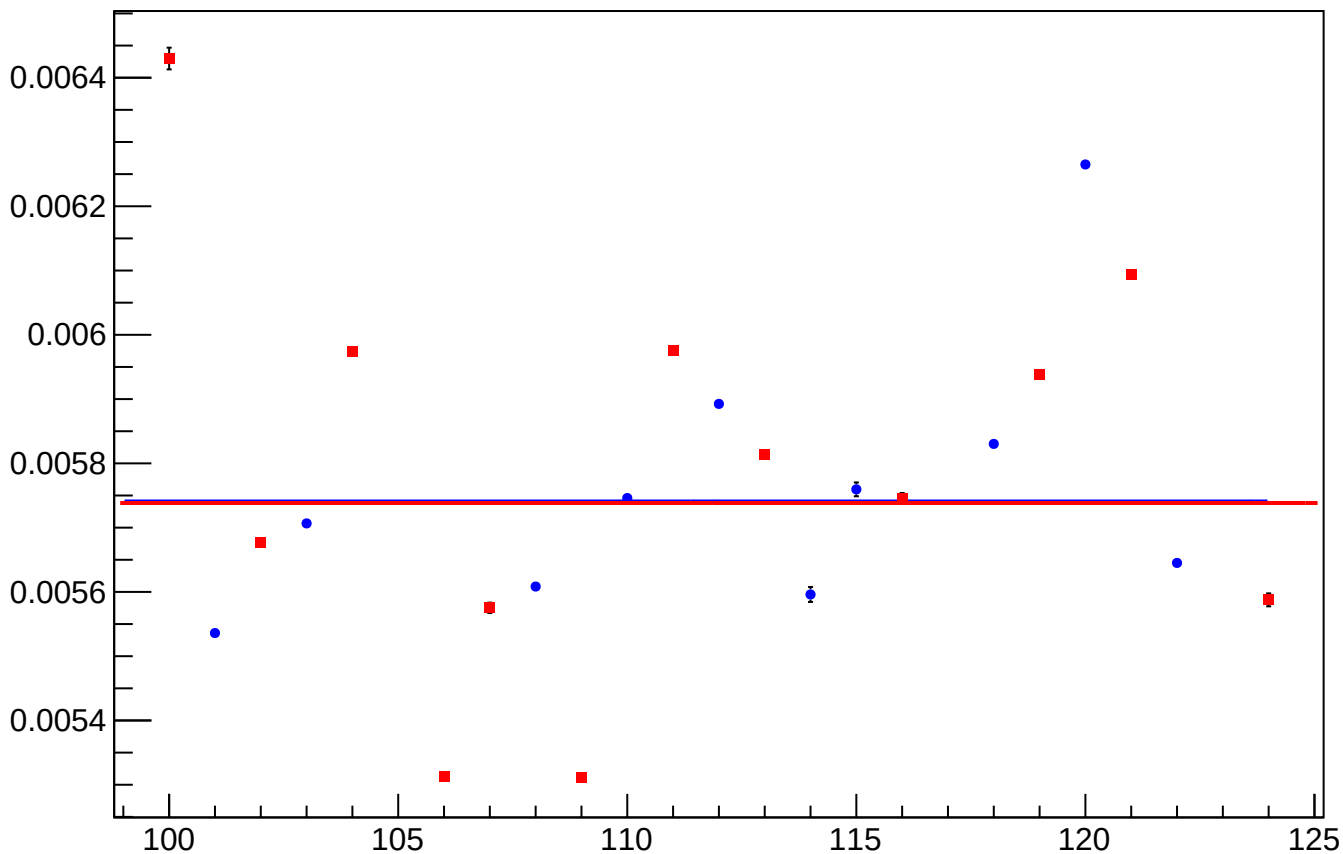
Right: -2.181+/-0.000 χ^2/NDF : 67682137193.4/21

In: -2.183+/-0.000 χ^2/NDF :33957547956.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.181+/-0.000 χ^2/NDF : 67682137193.4/21

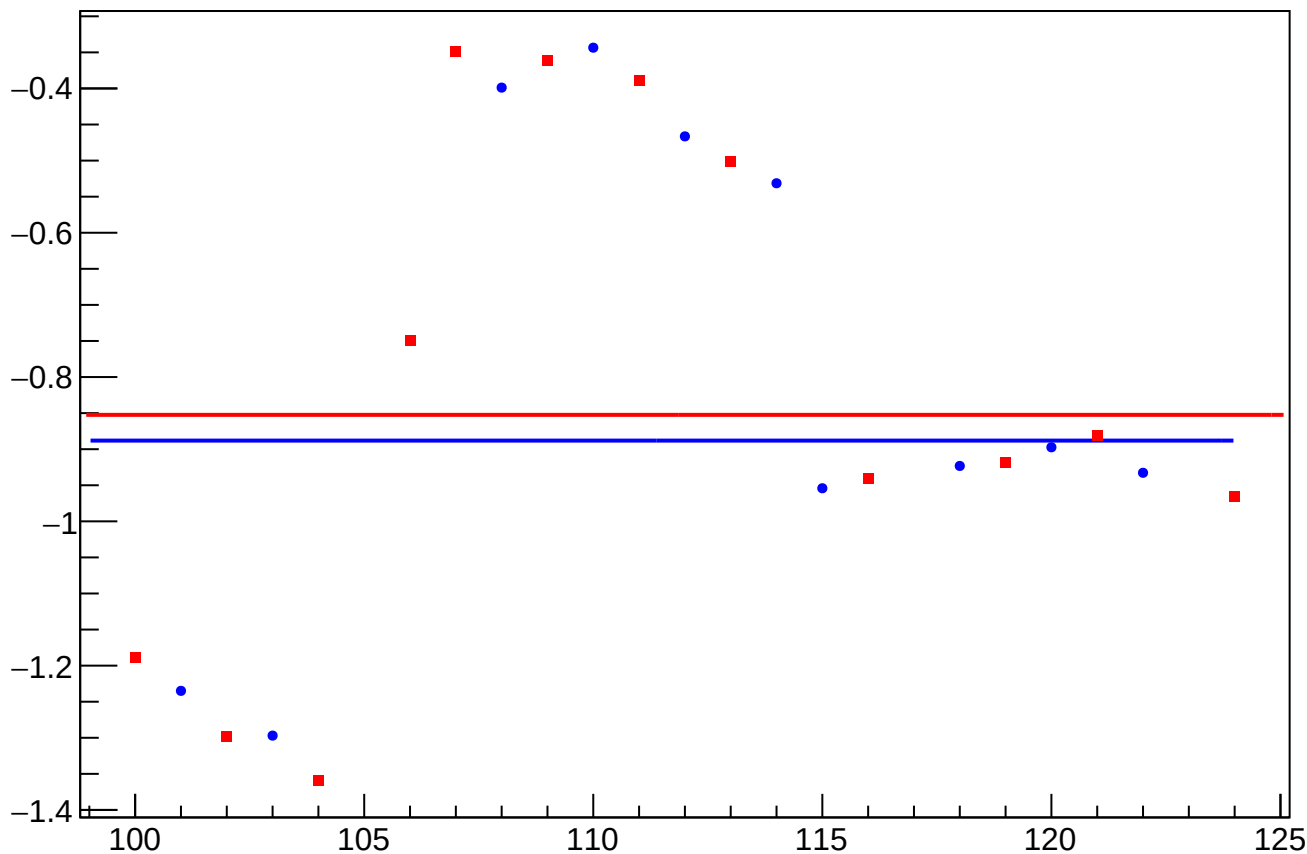
yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 8462.8/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.006+/-0.000 χ^2/NDF : 21042.4/11
 Left 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 : 29505.9/21
 In: 0.006+/-0.000 χ^2/NDF : 8462.8/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.006+/-0.000 χ^2/NDF : 29505.9/21

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.888 ± 0.000 $\chi^2/\text{NDF}: 4104698144.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.852 ± 0.000 $\chi^2/\text{NDF}: 5663073665.3/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

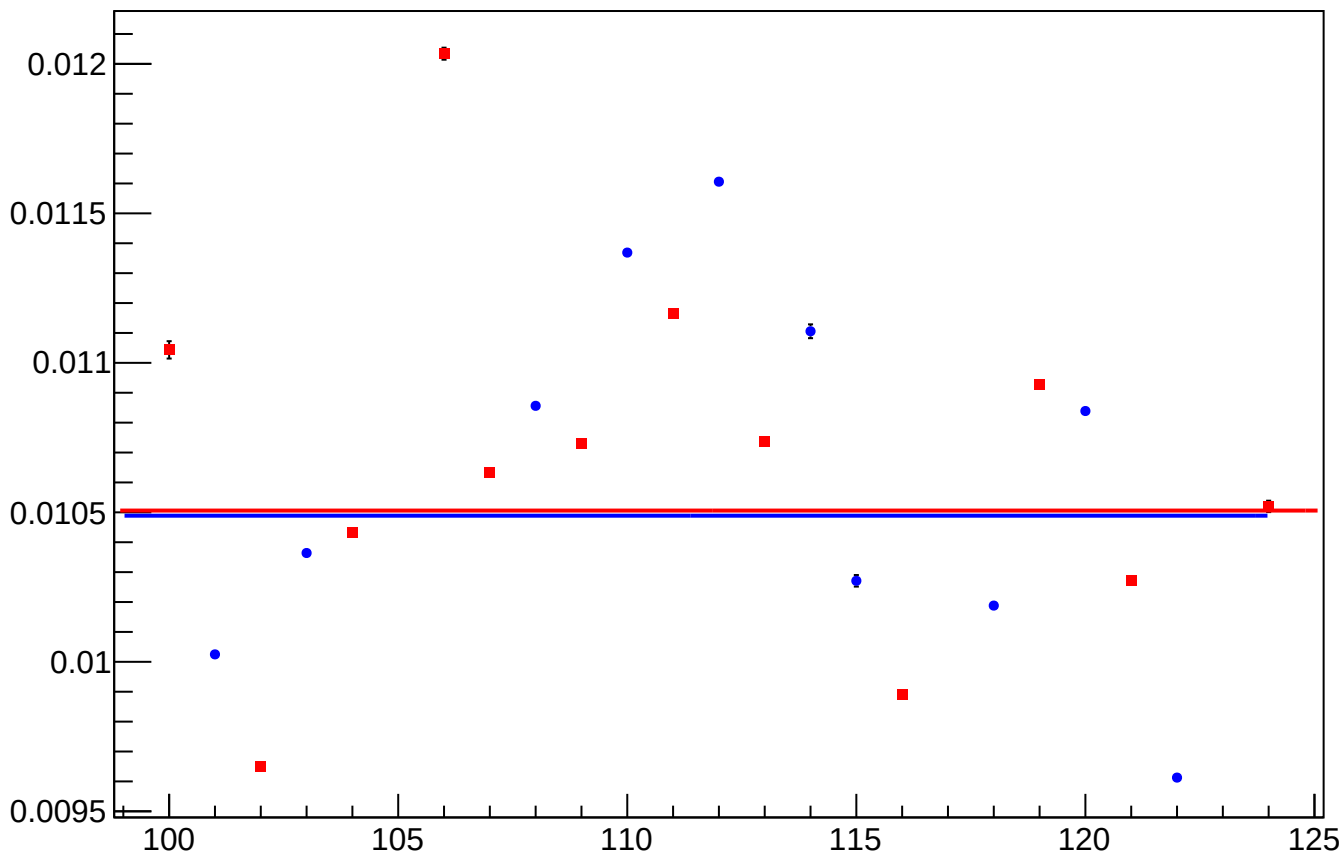
Right: -0.869 ± 0.000 $\chi^2/\text{NDF}: 9792265203.8/21$

In: -0.888 ± 0.000 $\chi^2/\text{NDF}: 4104698144.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.869 ± 0.000 $\chi^2/\text{NDF}: 9792265203.8/21$

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 26450.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 24540.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

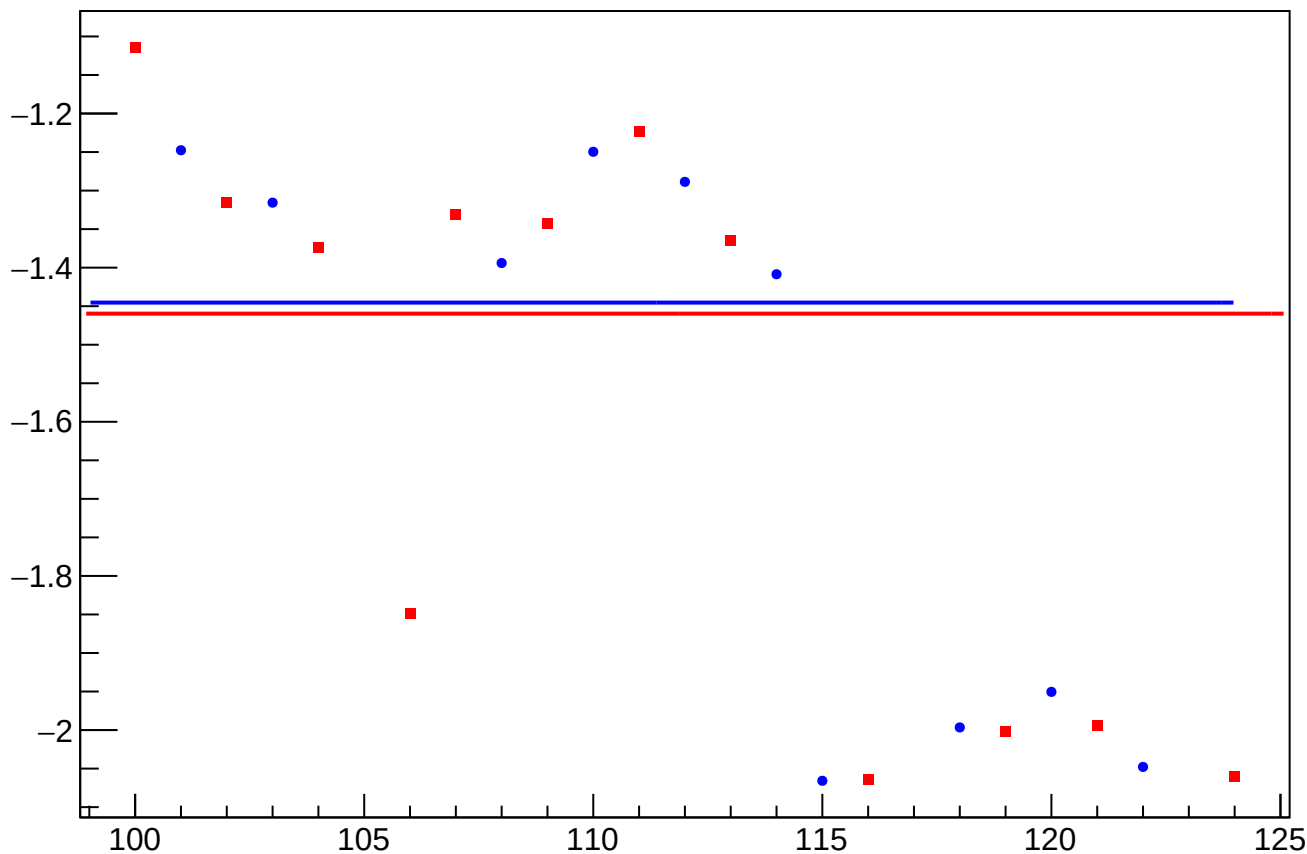
Right: 0.010+/-0.000 χ^2/NDF : 51001.4/21

In: 0.010+/-0.000 χ^2/NDF :26450.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 51001.4/21

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.445+/-0.000 χ^2/NDF : 59395481842.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.460+/-0.000 χ^2/NDF : 58583372903.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

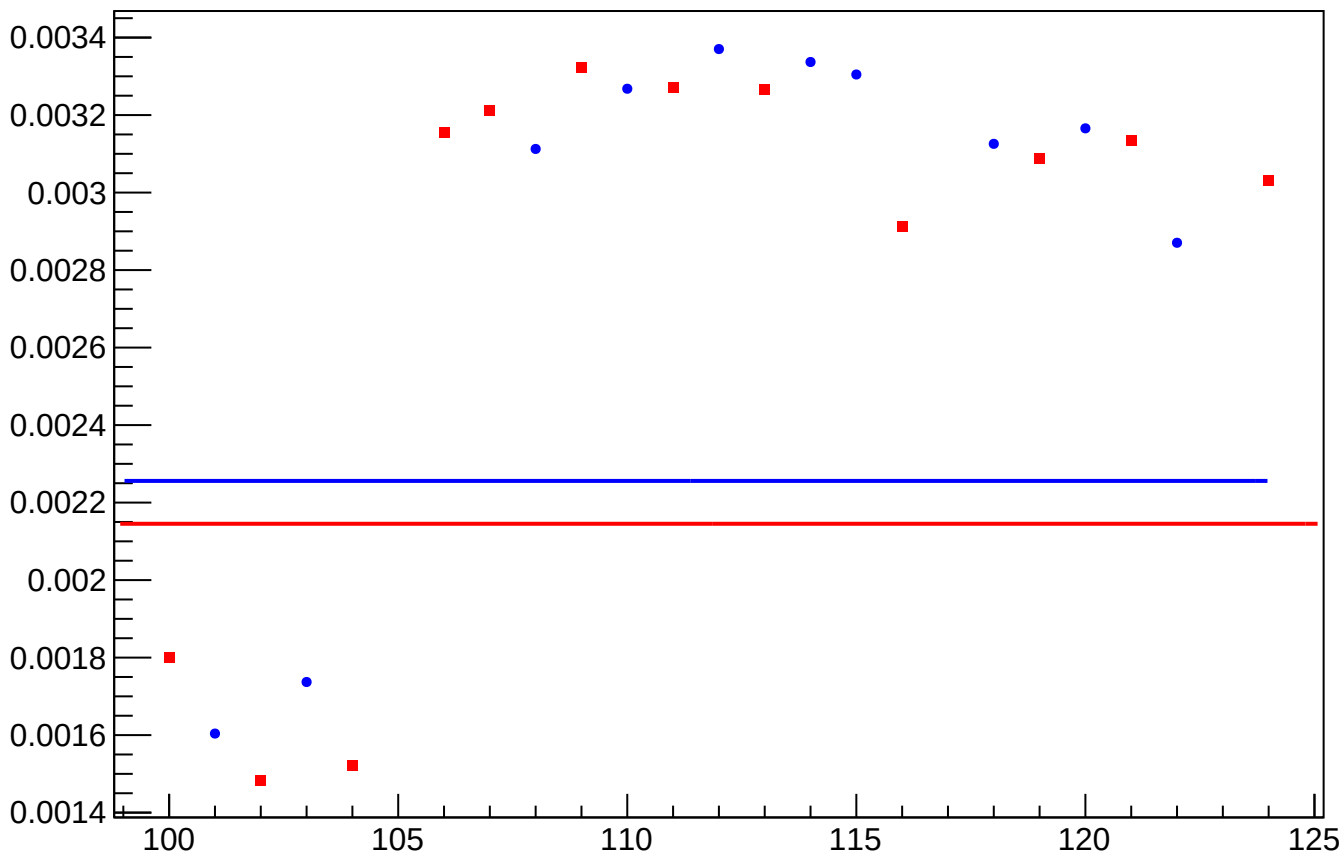
Right: -1.453+/-0.000 χ^2/NDF : 118052084321.2/21

In: -1.445+/-0.000 χ^2/NDF :59395481842.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.453+/-0.000 χ^2/NDF : 118052084321.2

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 713486.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1027972.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

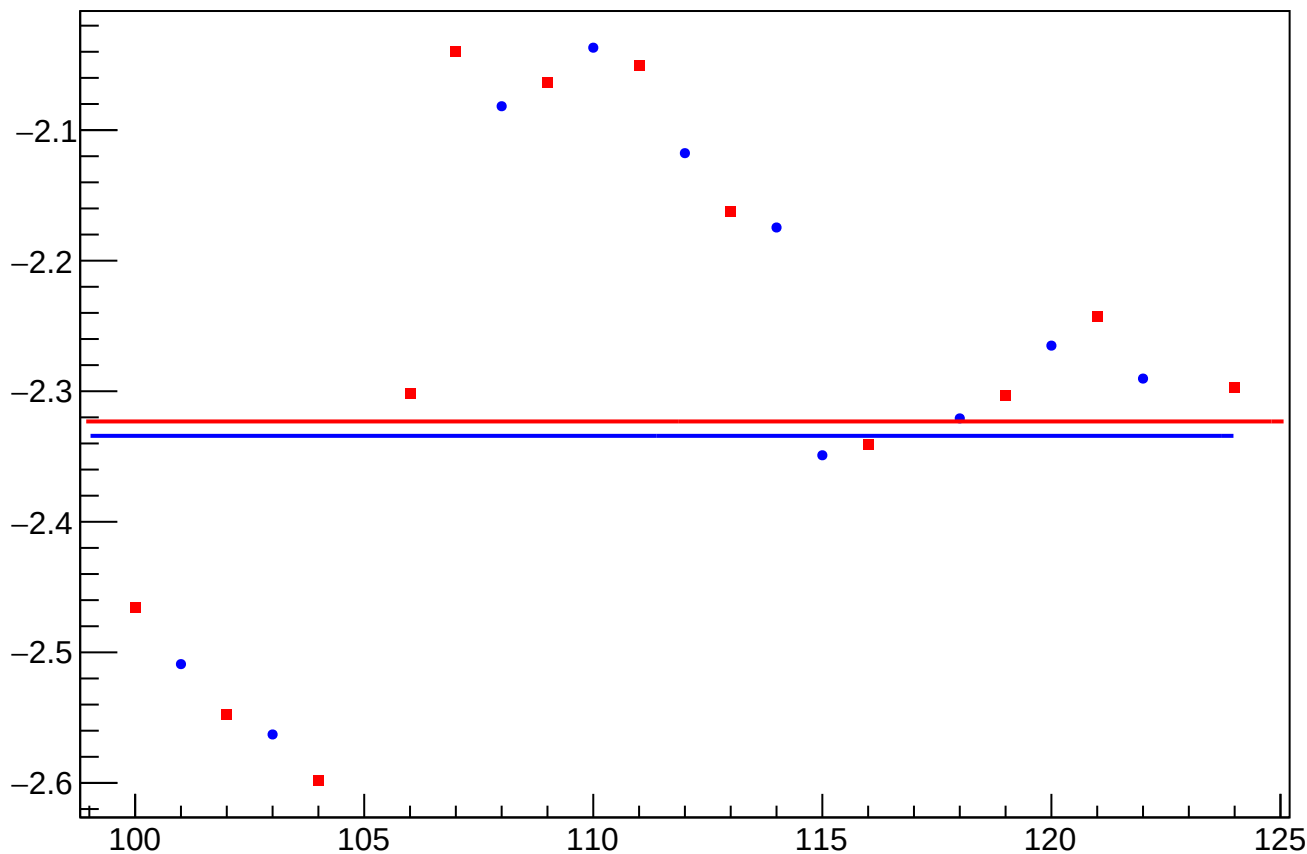
Right: 0.002+/-0.000 χ^2/NDF : 1750170.2/21

In: 0.002+/-0.000 χ^2/NDF :713486.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1750170.2/21

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.334+/-0.000 χ^2/NDF : 3214639354.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.323+/-0.000 χ^2/NDF : 4522990140.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

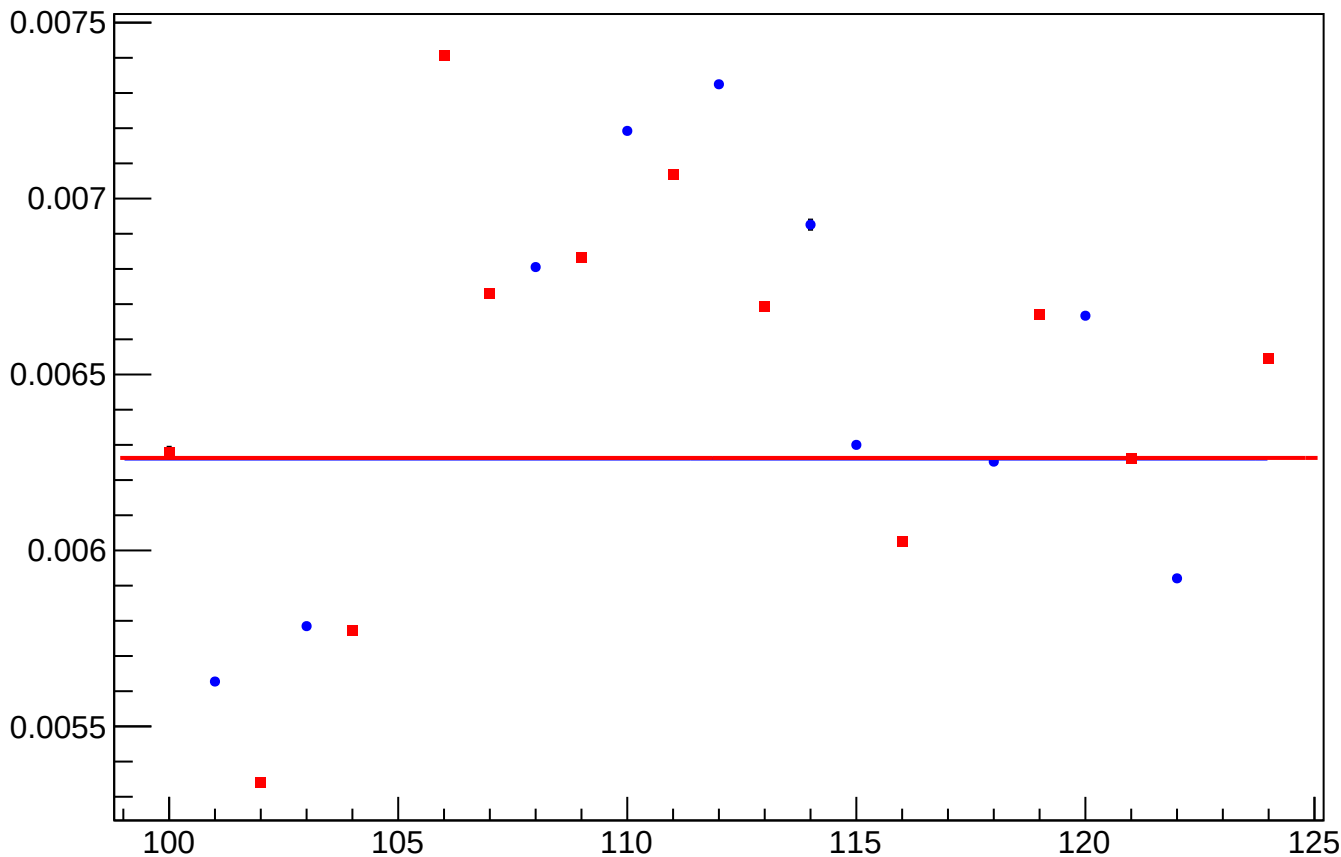
Right: -2.328+/-0.000 χ^2/NDF : 7744084196.5/21

In: -2.334+/-0.000 χ^2/NDF :3214639354.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.328+/-0.000 χ^2/NDF : 7744084196.5/21

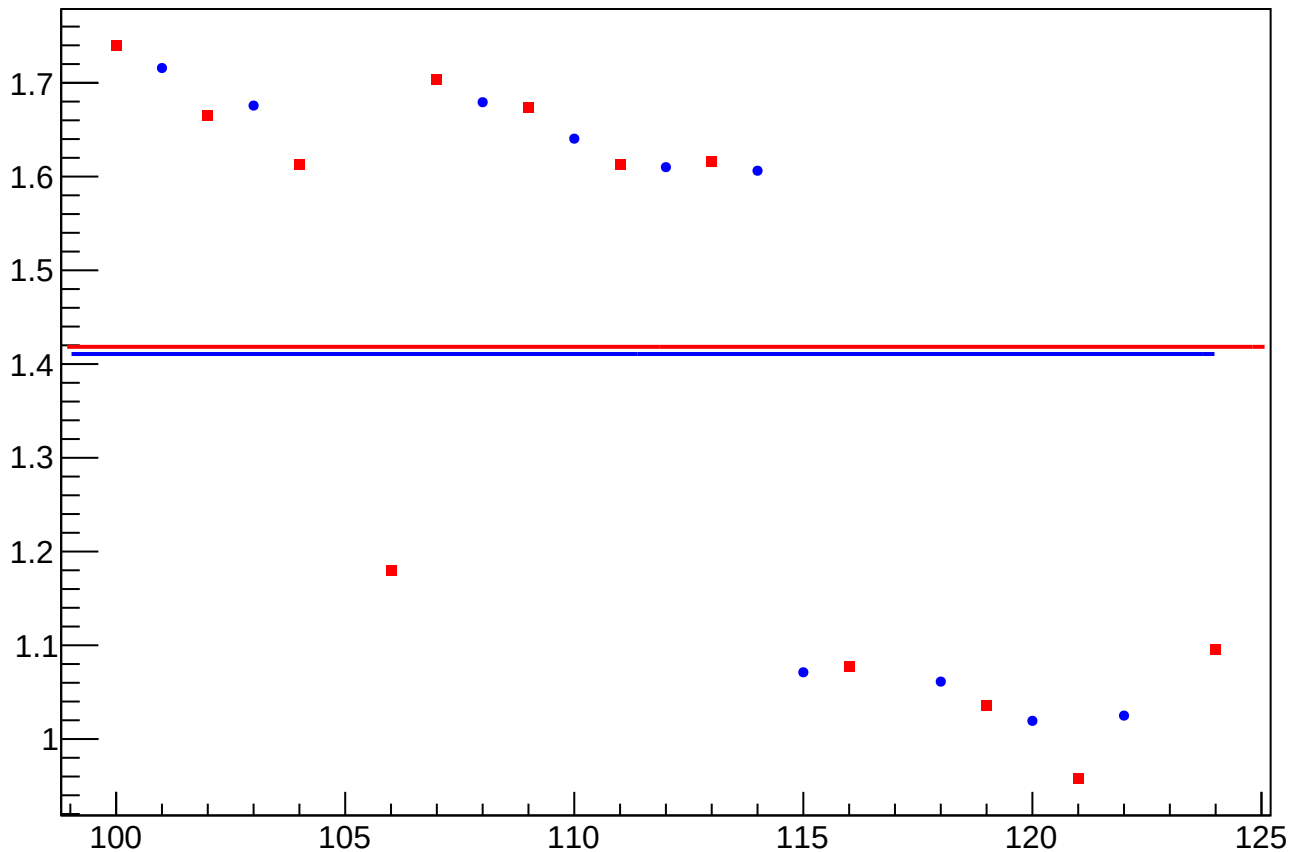
yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 68750.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.006+/-0.000 χ^2/NDF : 84576.1/11
 Left 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 : 153326.4/21
 In: 0.006+/-0.000 χ^2/NDF : 68750.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.006+/-0.000 χ^2/NDF : 153326.4/21

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.411+/-0.000 χ^2/NDF : 83421051992.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.418+/-0.000 χ^2/NDF : 87465422933.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

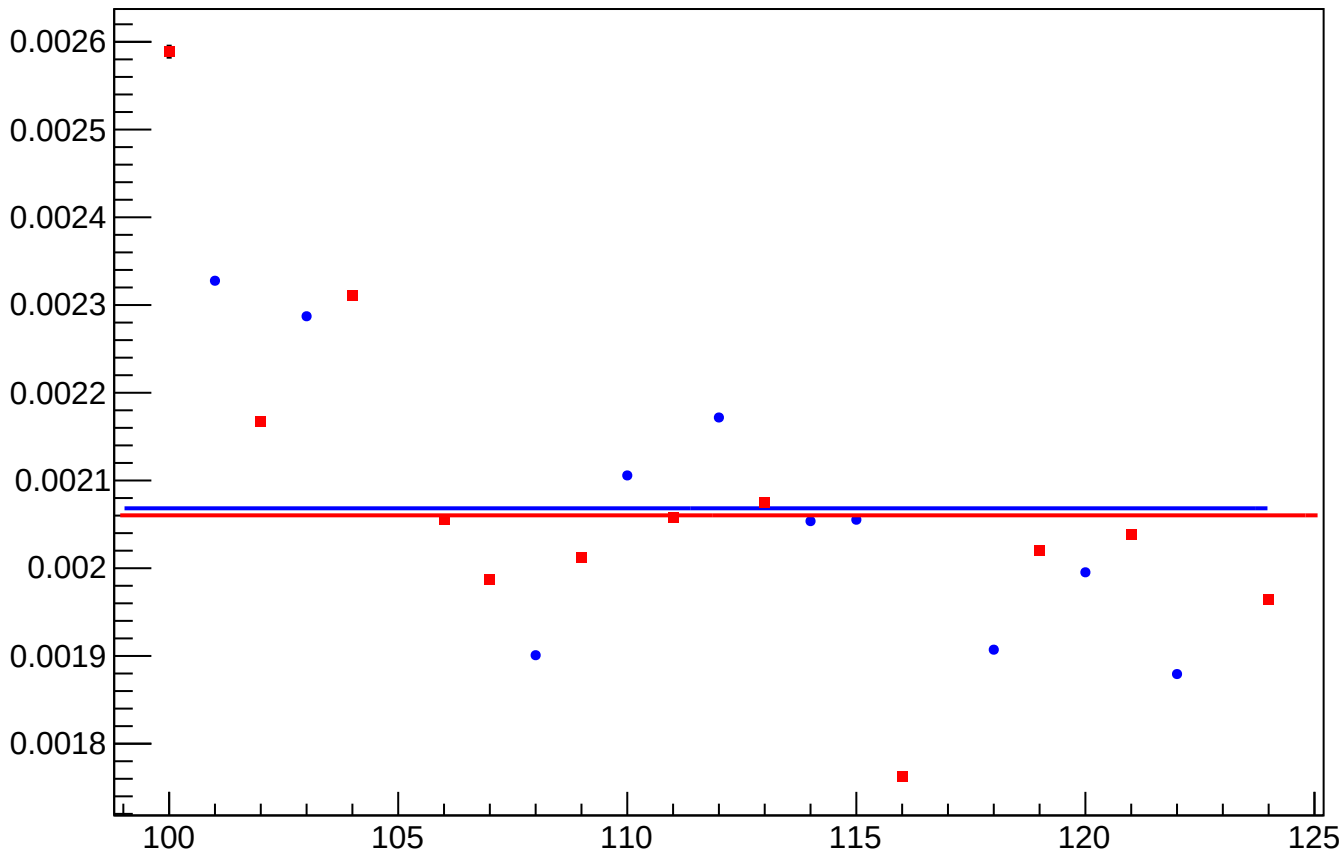
Right: 1.415+/-0.000 χ^2/NDF : 170913867332.4/21

In: 1.411+/-0.000 χ^2/NDF :83421051992.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.415+/-0.000 χ^2/NDF : 170913867332.4

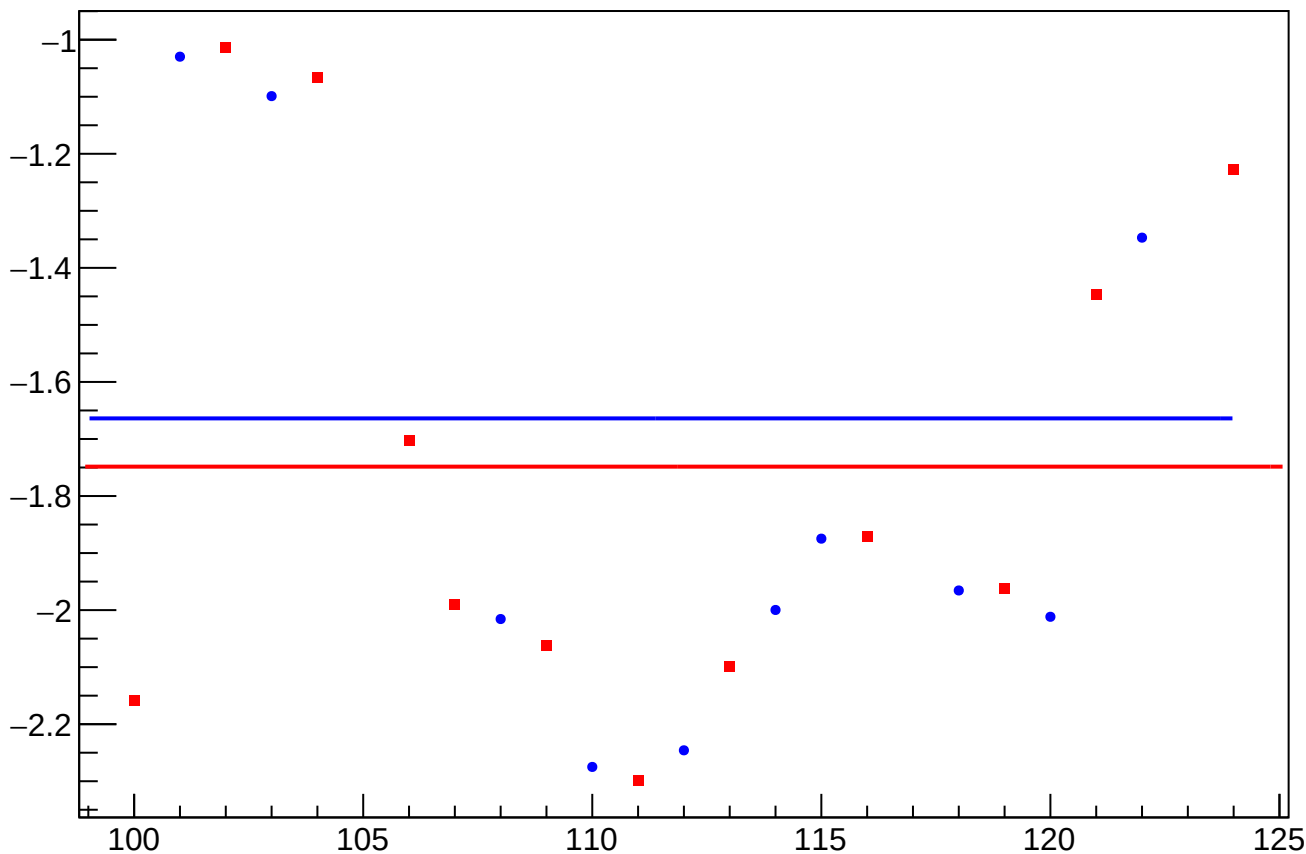
yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 49436.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 37441.8/11
 Left 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 : 86938.8/21
 In: 0.002+/-0.000 χ^2/NDF : 49436.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 86938.8/21

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.664+/-0.000 χ^2/NDF : 17816786593.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.748+/-0.000 χ^2/NDF : 21108787576.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

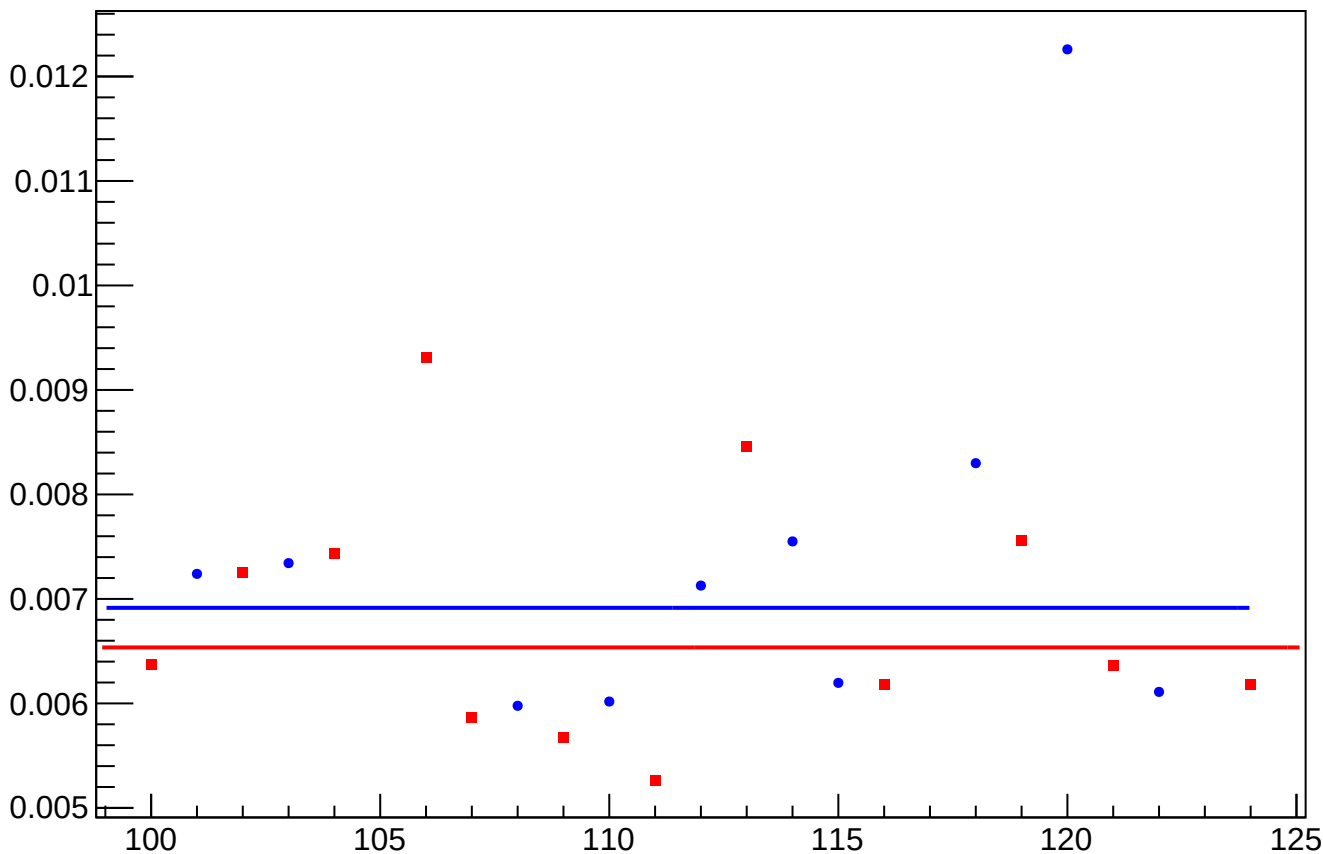
Right: -1.712+/-0.000 χ^2/NDF : 39227977391.9/21

In: -1.664+/-0.000 χ^2/NDF :17816786593.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.712+/-0.000 χ^2/NDF : 39227977391.9/21

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 190200.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 210604.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

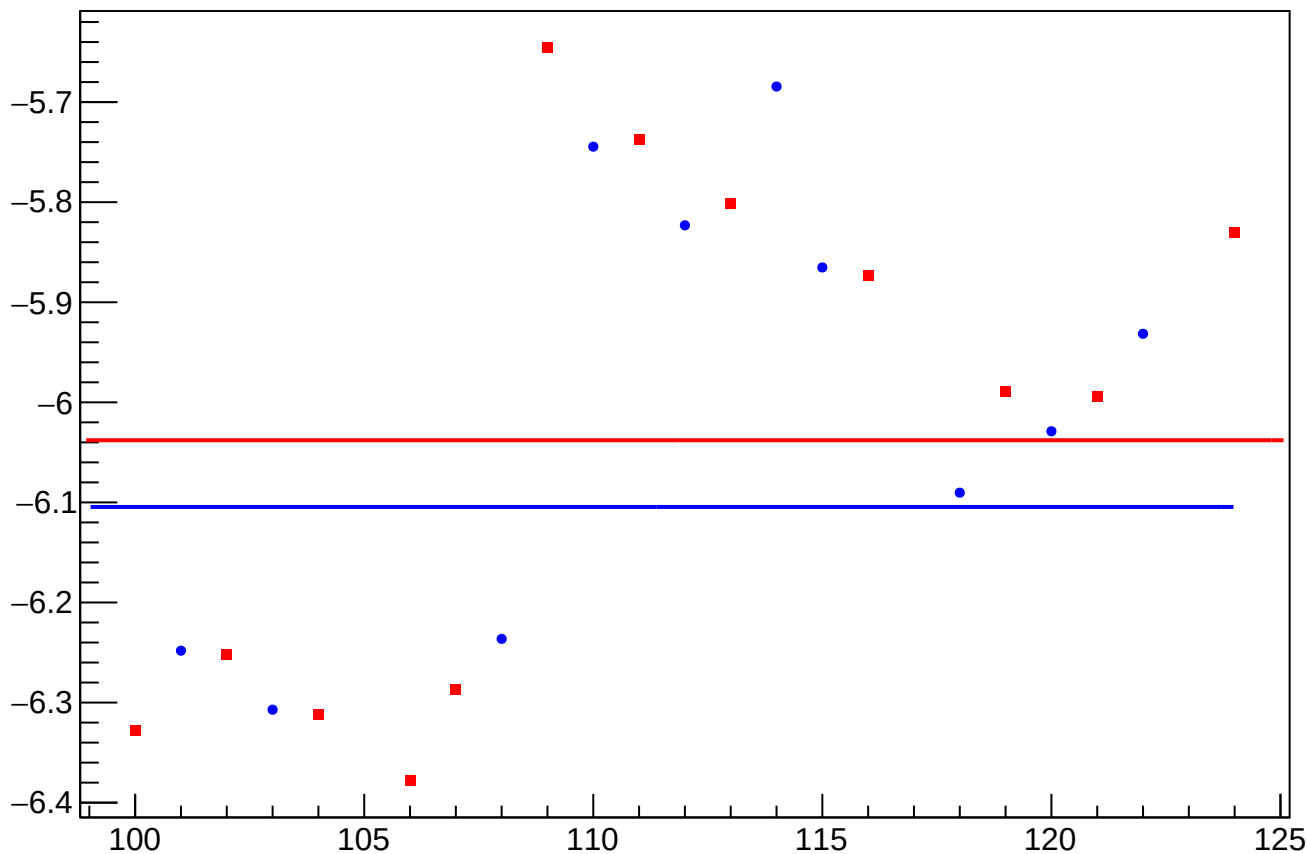
Right: 0.007+/-0.000 χ^2/NDF : 412949.8/21

In: 0.007+/-0.000 χ^2/NDF : 190200.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 412949.8/21

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.105+/-0.000 χ^2/NDF : 4121175203.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.038+/-0.000 χ^2/NDF : 8183439736.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

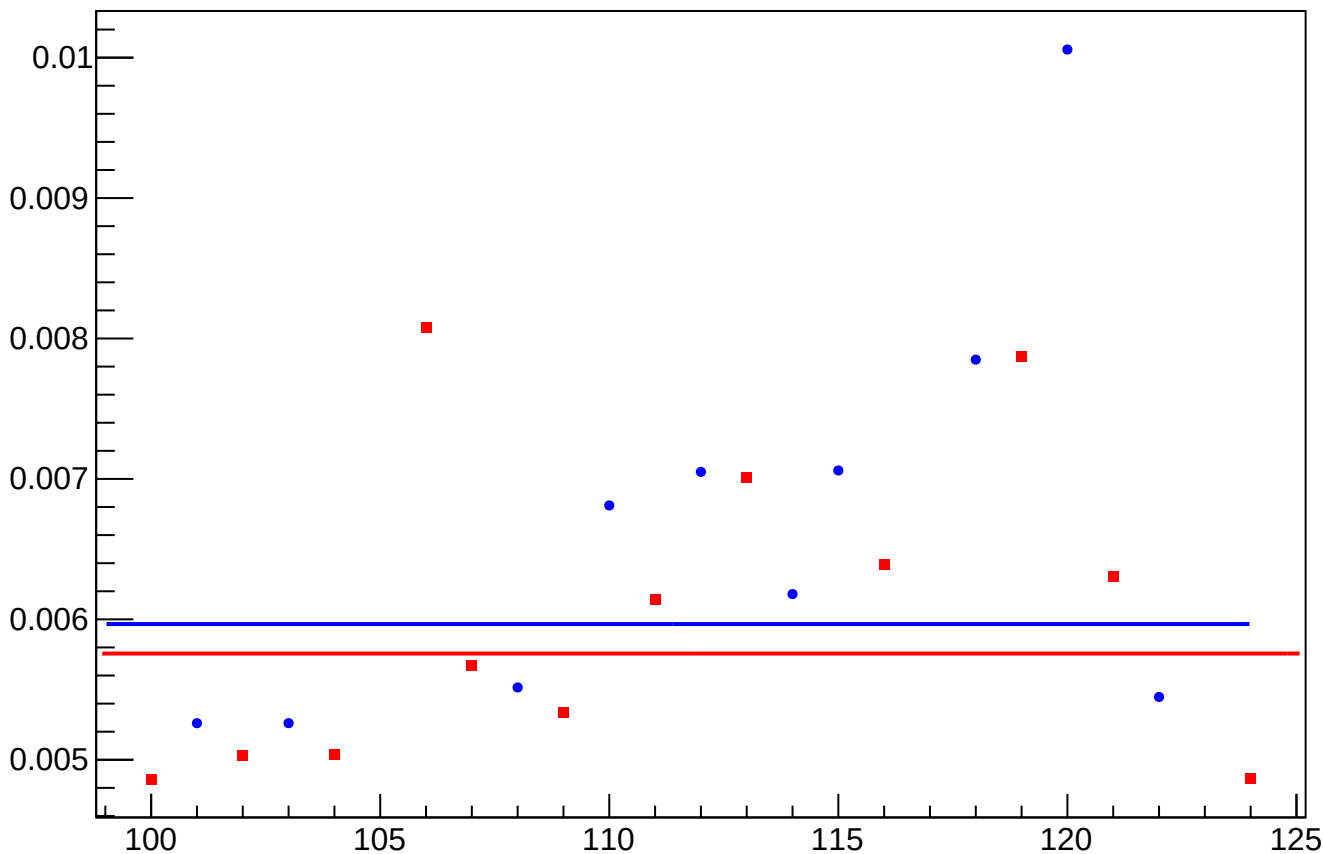
Right: -6.068+/-0.000 χ^2/NDF : 12547899622.2/21

In: -6.105+/-0.000 χ^2/NDF :4121175203.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.068+/-0.000 χ^2/NDF : 12547899622.2/21

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 236664.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 213817.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

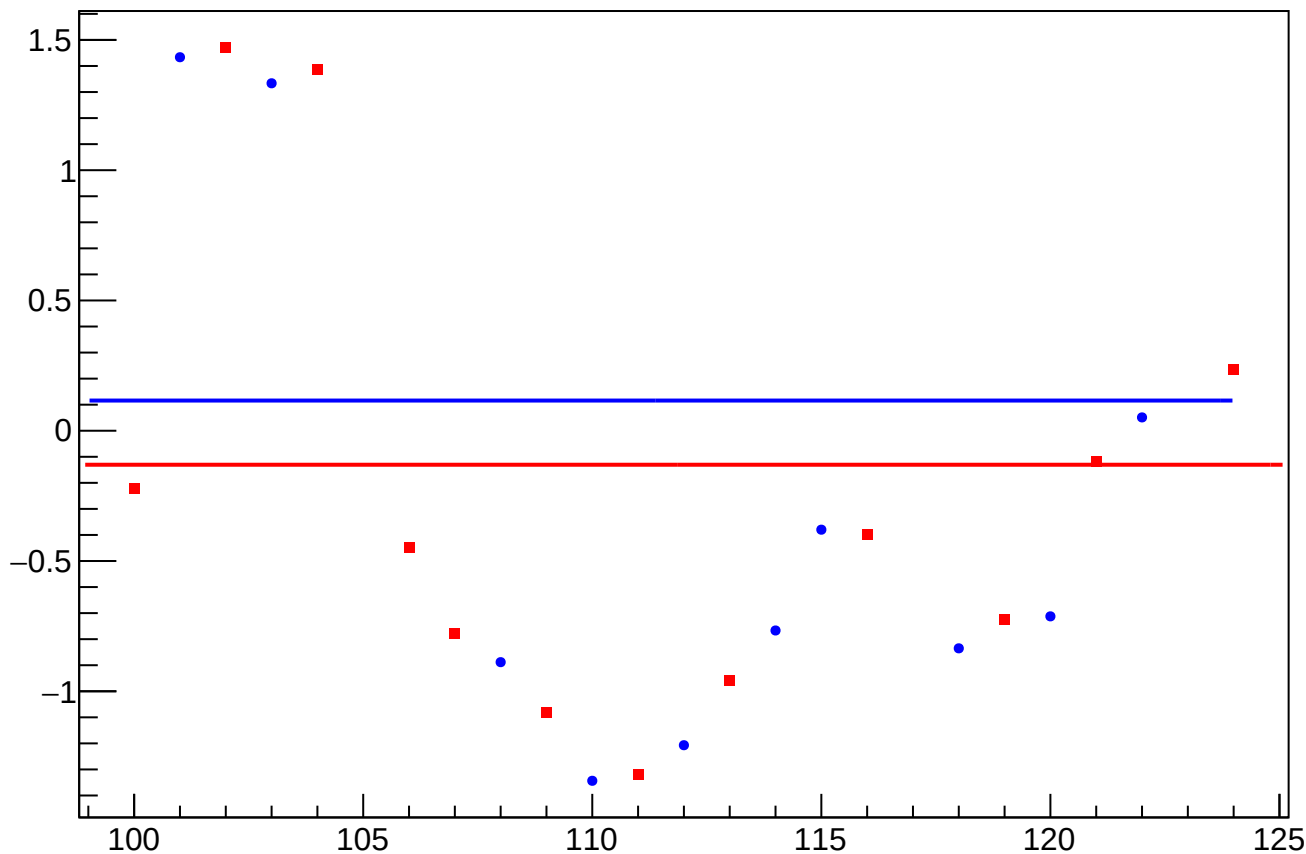
Right: 0.006+/-0.000 χ^2/NDF : 455314.3/21

In: 0.006+/-0.000 χ^2/NDF : 236664.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 455314.3/21

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.116+/-0.000 χ^2/NDF : 17325567791.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.131+/-0.000 χ^2/NDF : 21409434331.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

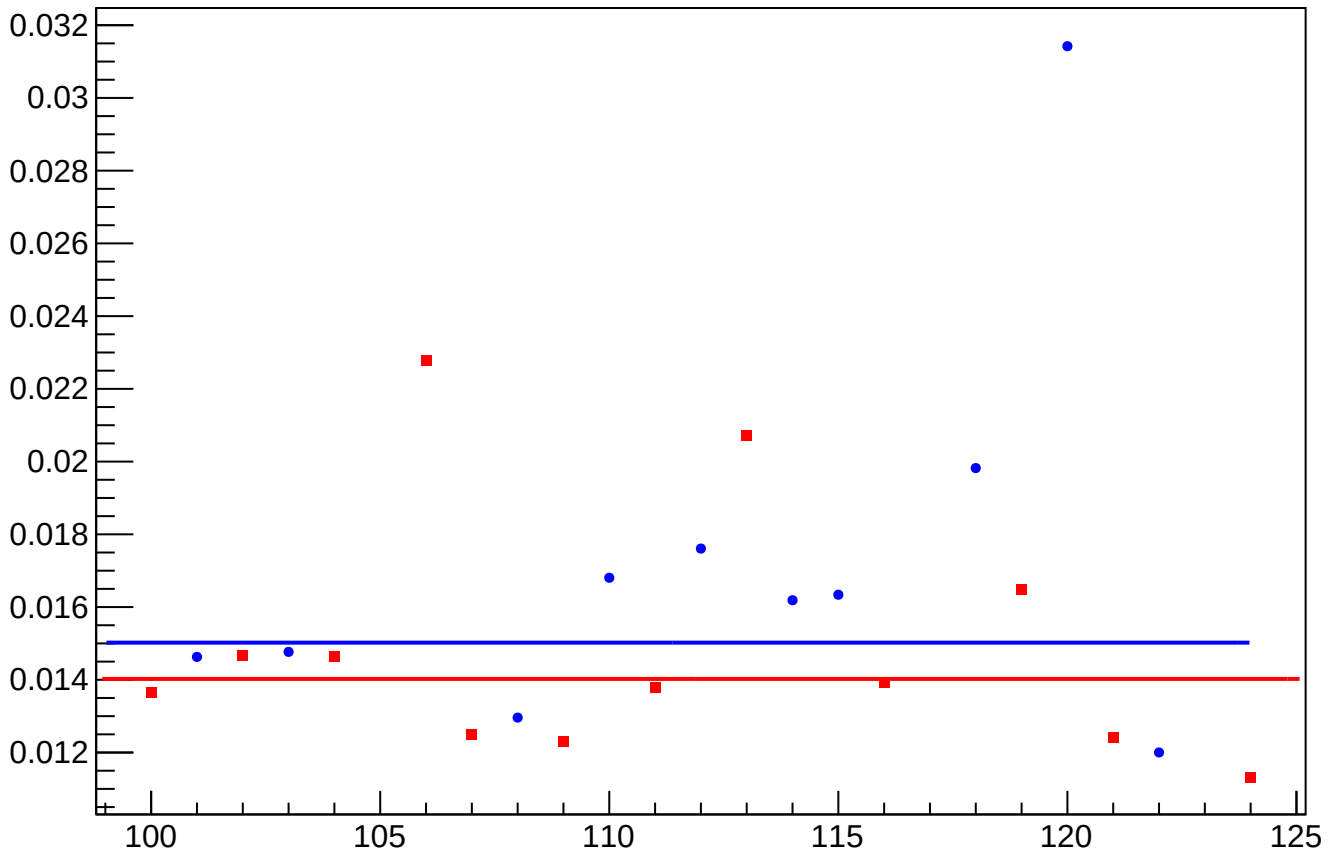
Right: -0.028+/-0.000 χ^2/NDF : 39263025400.0/21

In: 0.116+/-0.000 χ^2/NDF : 17325567791.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.000 χ^2/NDF : 39263025400.0/21

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 289701.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 215090.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

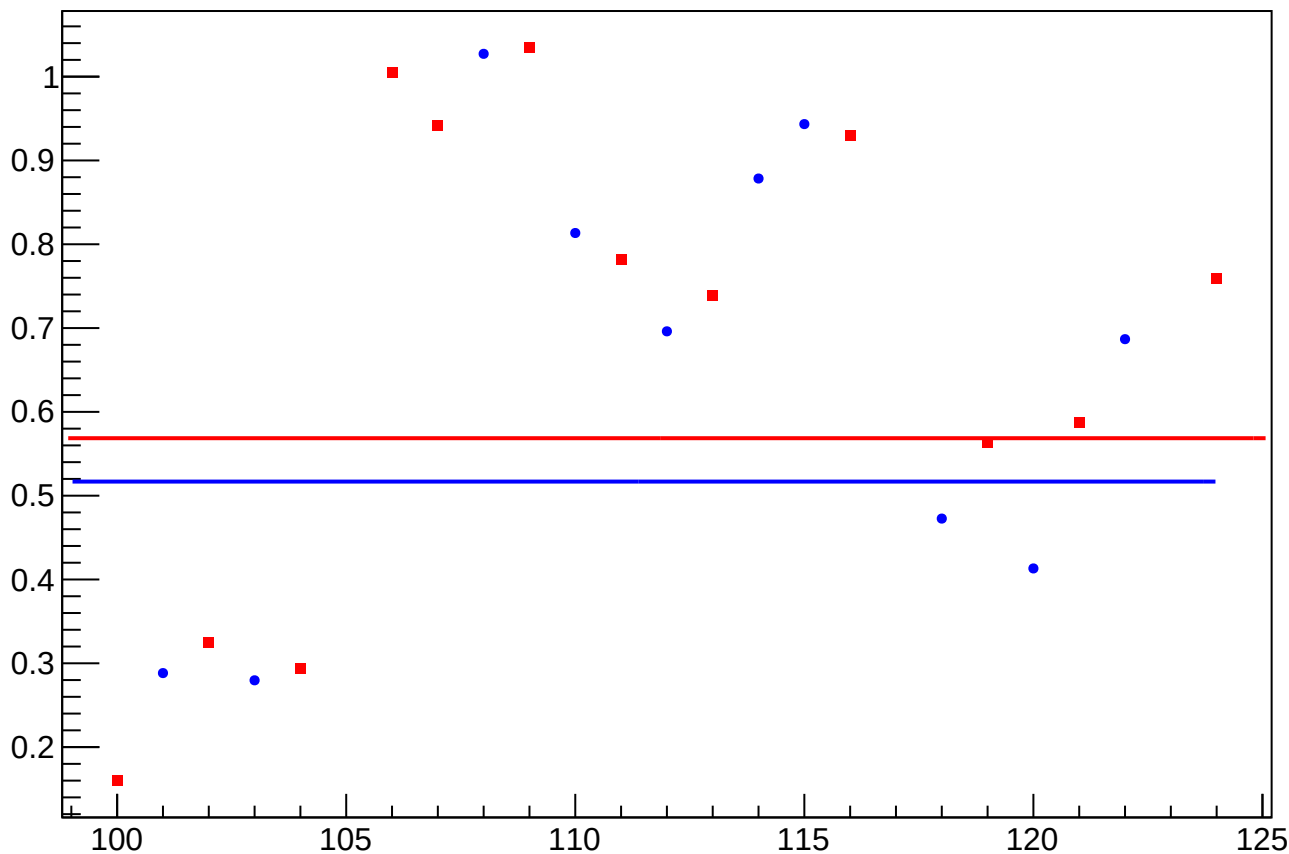
Right: 0.014+/-0.000 χ^2/NDF : 522102.0/21

In: 0.015+/-0.000 χ^2/NDF : 289701.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 522102.0/21

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.517+/-0.000 χ^2/NDF : 3856650648.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.569+/-0.000 χ^2/NDF : 4943407525.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

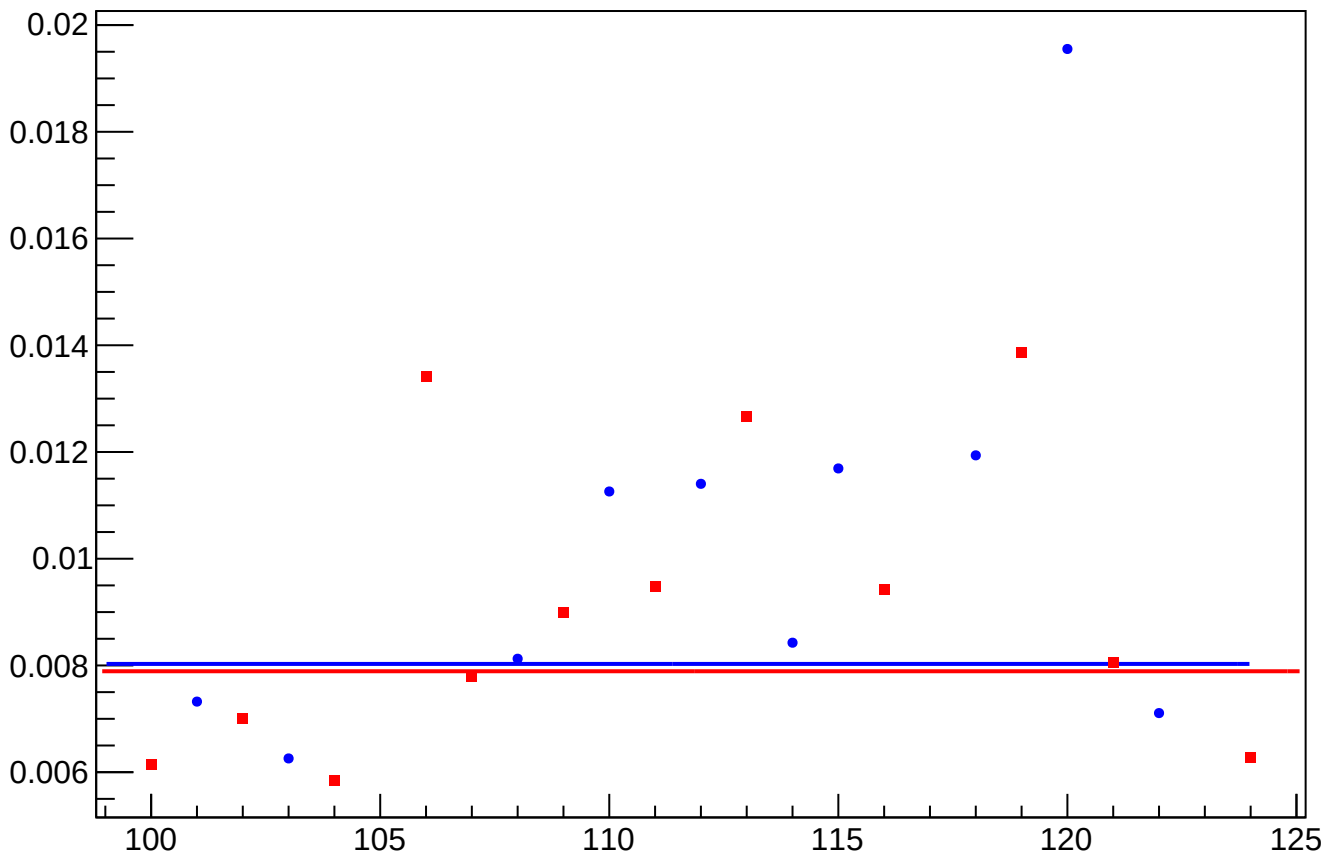
Right: 0.545+/-0.000 χ^2/NDF : 8875015502.9/21

In: 0.517+/-0.000 χ^2/NDF :3856650648.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.545+/-0.000 χ^2/NDF : 8875015502.9/21

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 557202.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 566095.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

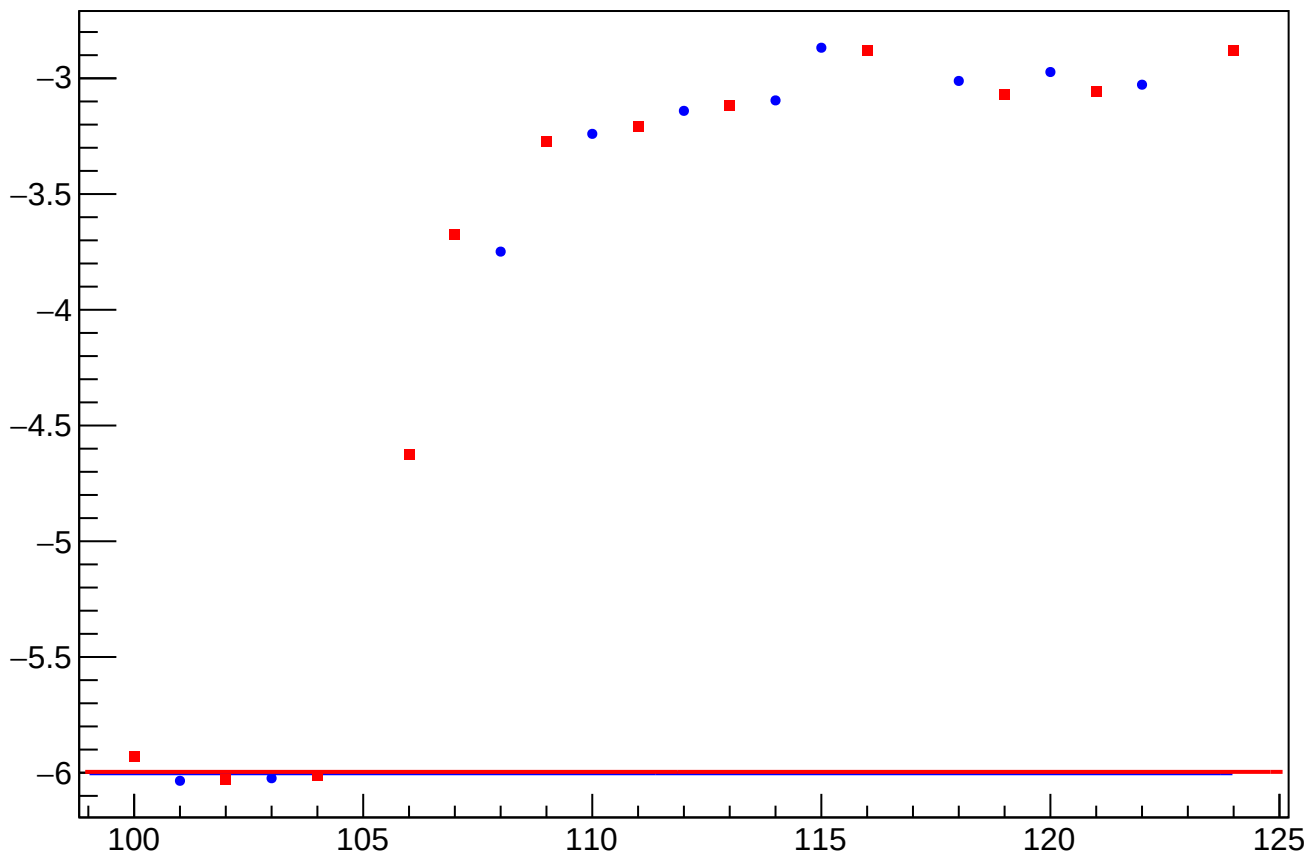
Right: 0.008+/-0.000 χ^2/NDF : 1124355.1/21

In: 0.008+/-0.000 χ^2/NDF : 557202.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1124355.1/21

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.002+/-0.000 χ^2/NDF : 3491732472.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.996+/-0.000 χ^2/NDF : 2708439834.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

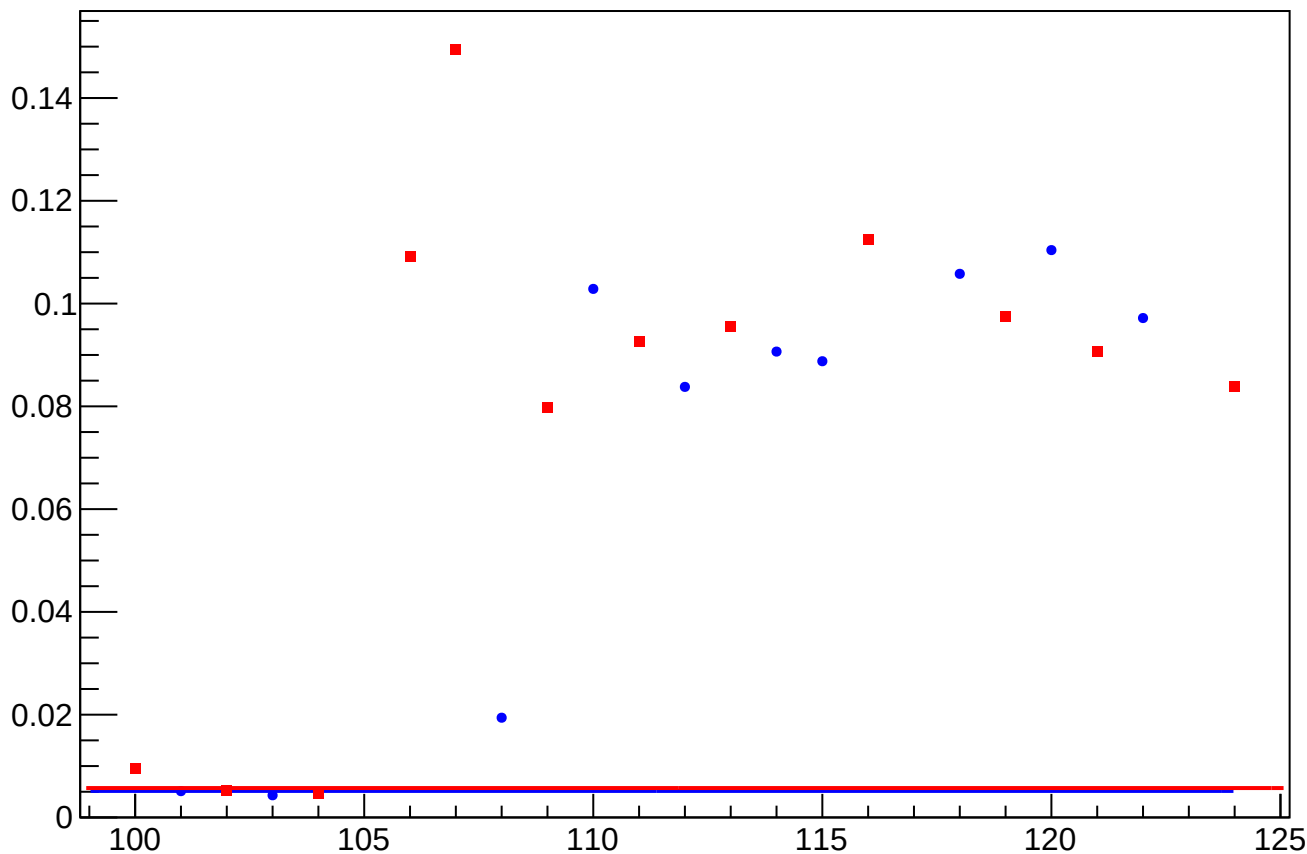
Right: -6.000+/-0.000 χ^2/NDF : 6200979618.3/21

In: -6.002+/-0.000 χ^2/NDF :3491732472.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.000+/-0.000 χ^2/NDF : 6200979618.3/2

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 4107007.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 5641105.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

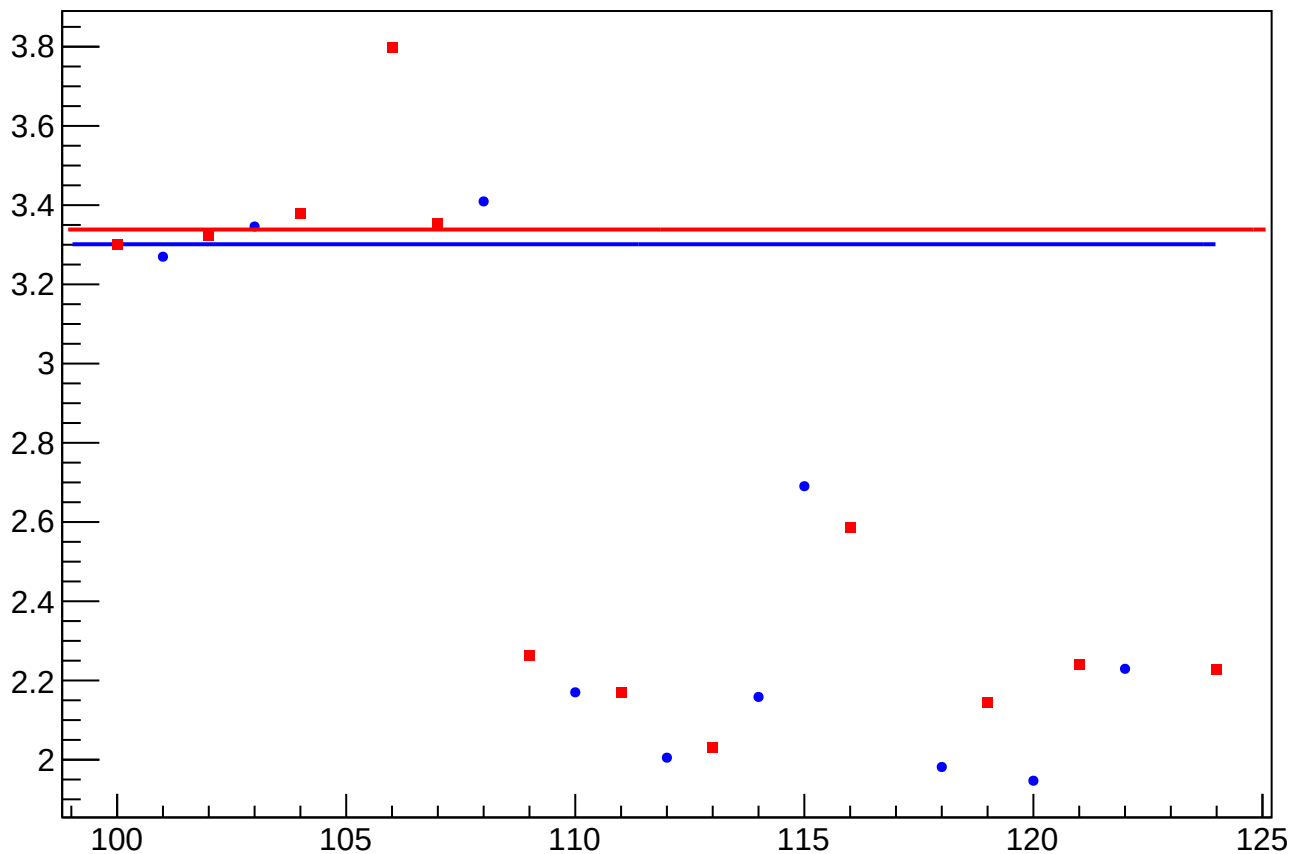
Right: 0.005+/-0.000 χ^2/NDF : 9762324.8/21

In: 0.005+/-0.000 χ^2/NDF :4107007.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 9762324.8/21

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.301+/-0.000 χ^2/NDF : 360321138.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.338+/-0.000 χ^2/NDF : 418421671.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

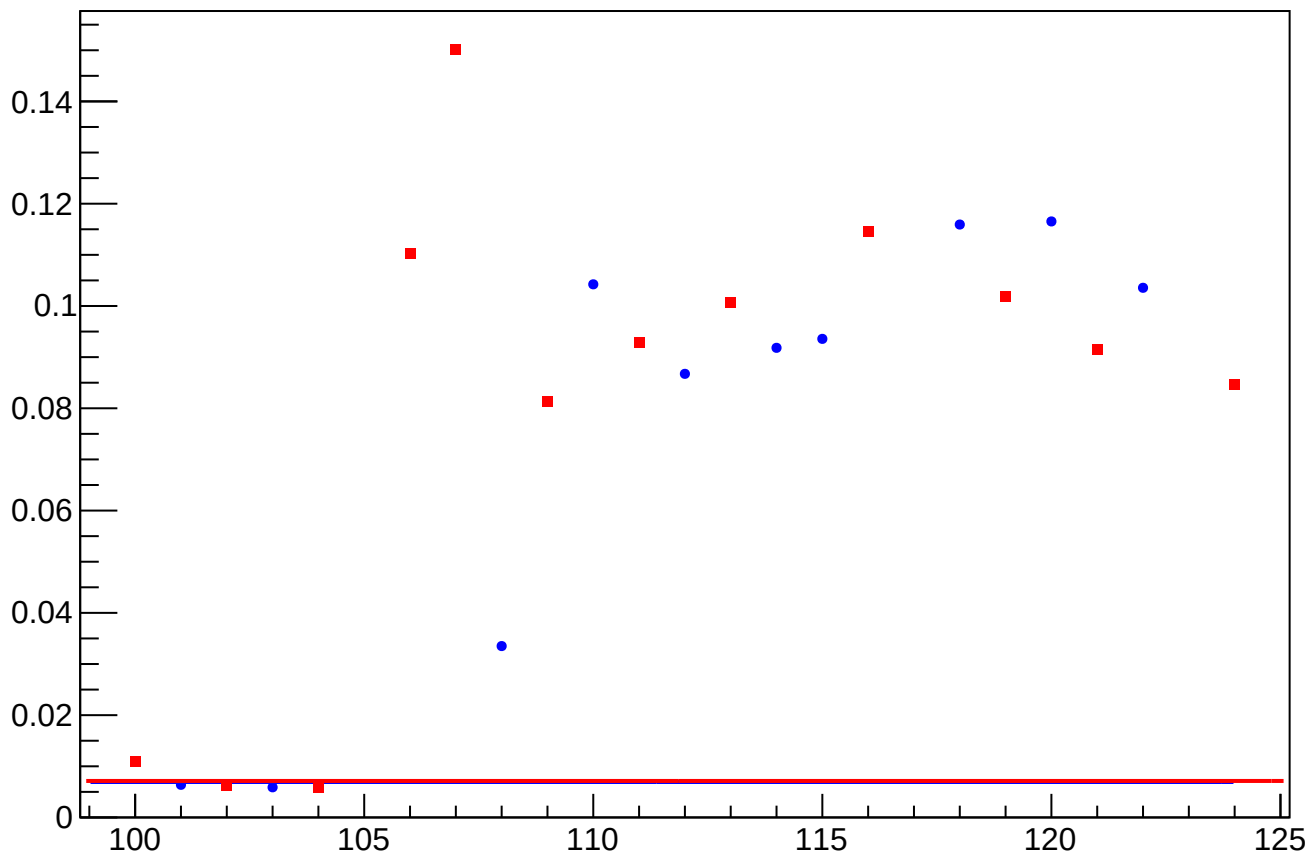
Right: 3.319+/-0.000 χ^2/NDF : 799070902.1/21

In: 3.301+/-0.000 χ^2/NDF :360321138.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.319+/-0.000 χ^2/NDF : 799070902.1/21

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 4108633.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 5485083.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

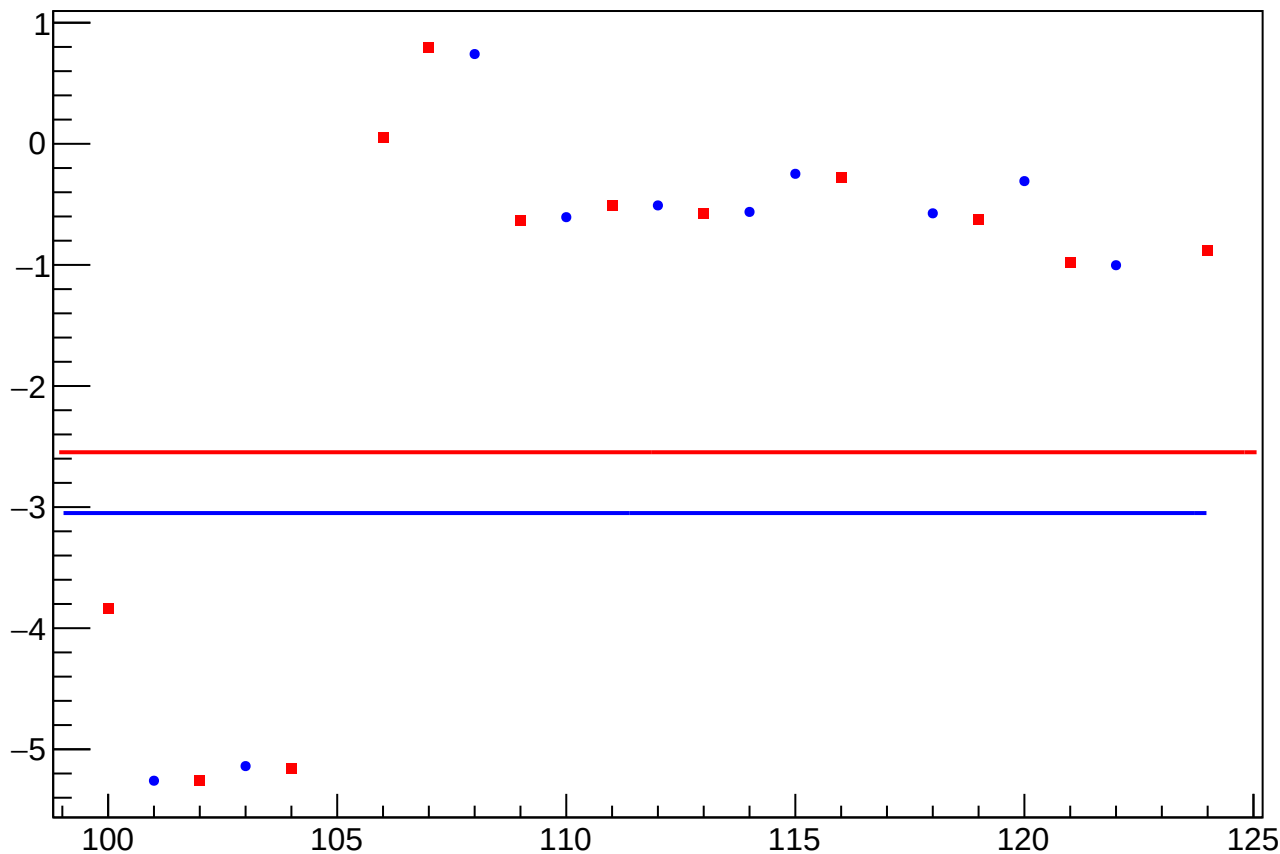
Right: 0.007+/-0.000 χ^2/NDF : 9594926.9/21

In: 0.007+/-0.000 χ^2/NDF :4108633.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 9594926.9/21

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -3.049+/-0.000 χ^2/NDF : 93286532206.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.547+/-0.000 χ^2/NDF : 107138981767.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

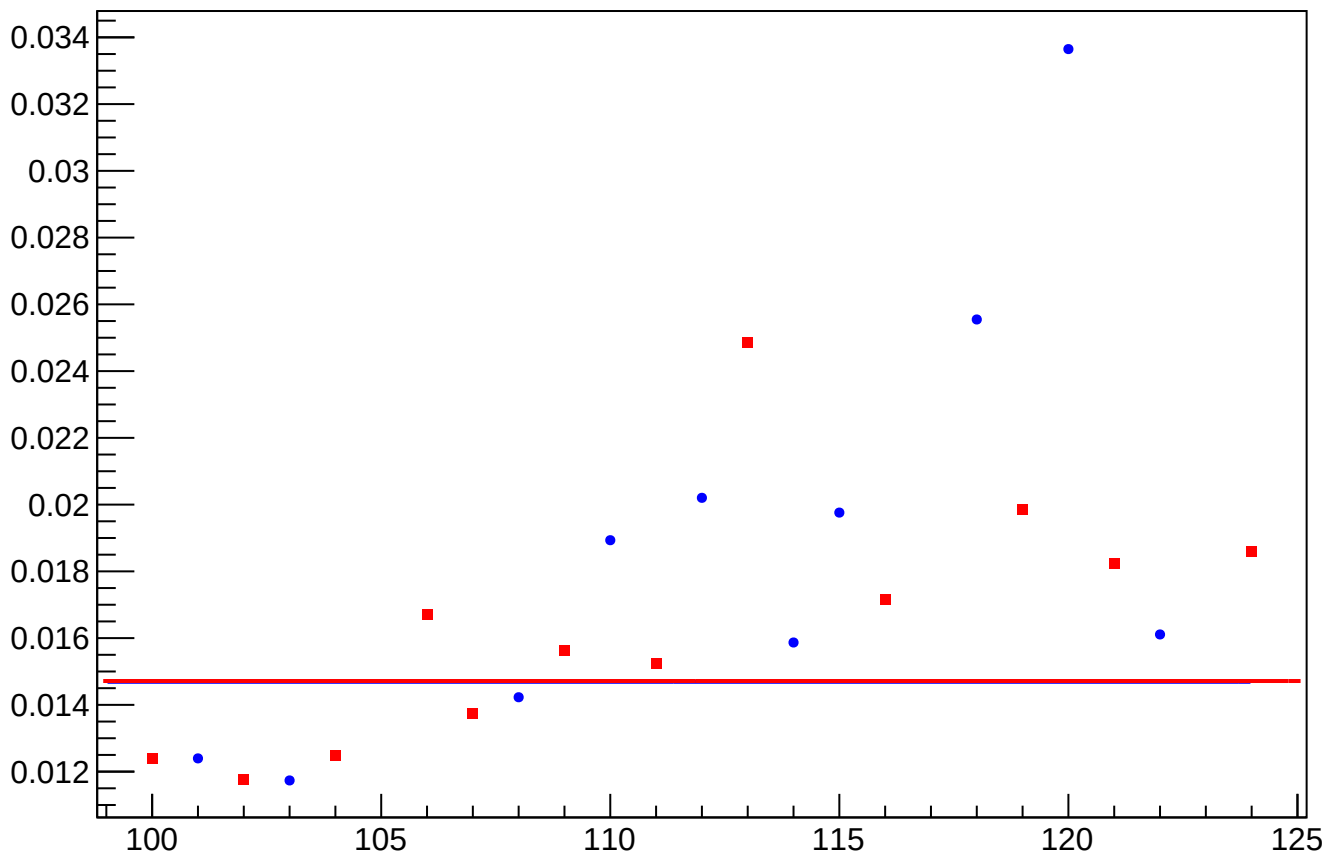
Right: -2.773+/-0.000 χ^2/NDF : 202514600796.3/21

In: -3.049+/-0.000 χ^2/NDF : 93286532206.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.773+/-0.000 χ^2/NDF : 202514600796.3

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 551005.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 351075.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

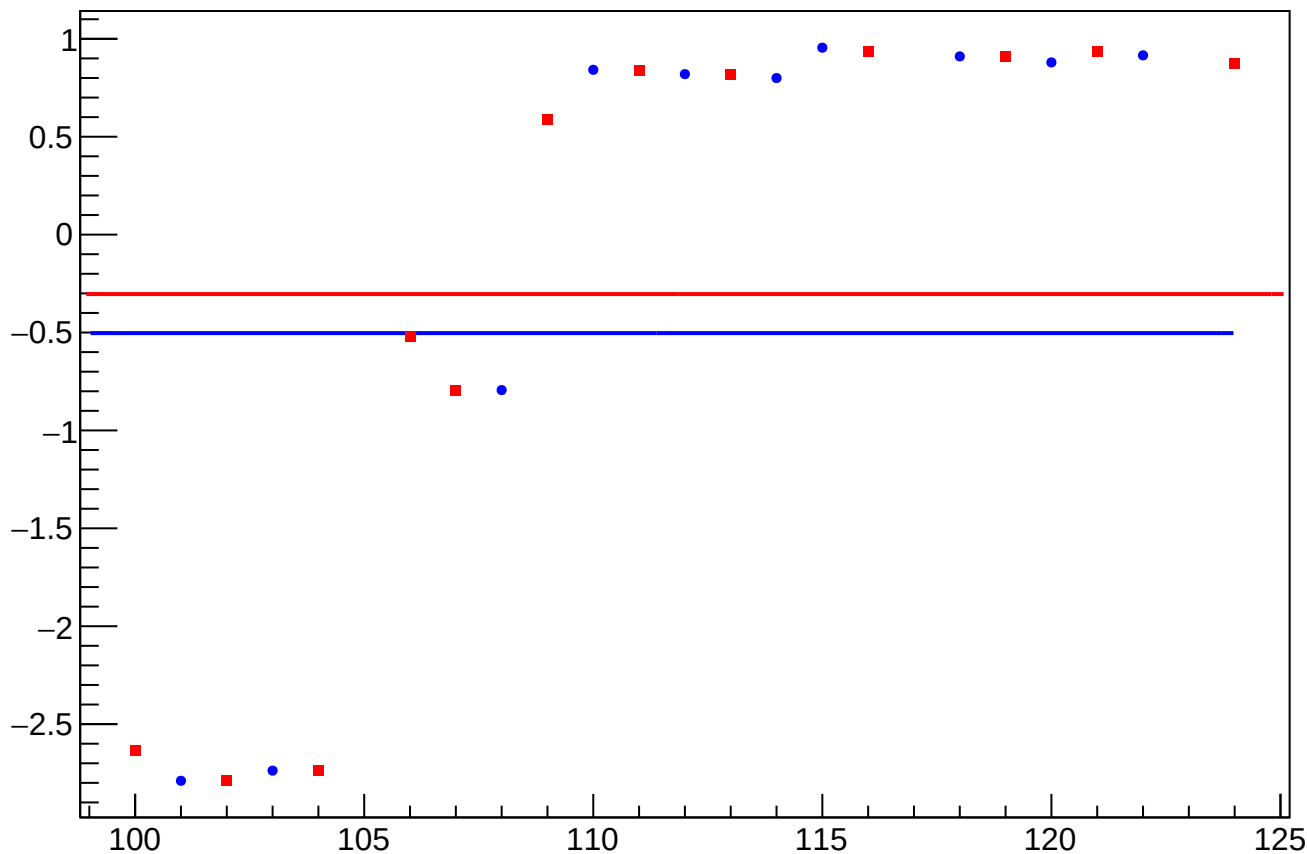
Right: 0.015+/-0.000 χ^2/NDF : 902089.7/21

In: 0.015+/-0.000 χ^2/NDF : 551005.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 902089.7/21

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.503+/-0.000 χ^2/NDF : 681916814367.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.304+/-0.000 χ^2/NDF : 810294499663.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

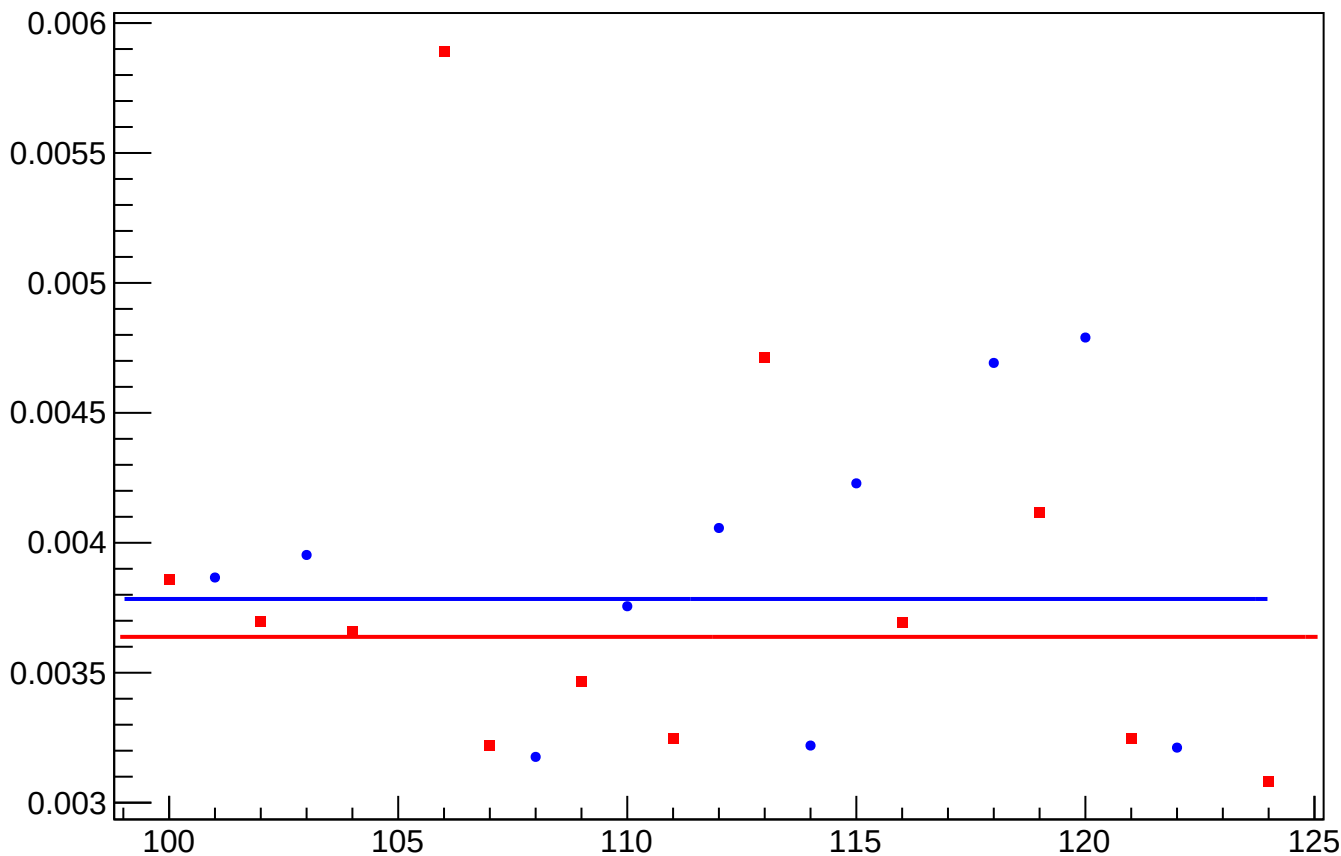
Right: -0.392+/-0.000 χ^2/NDF : 1497966642759.2/2

In: -0.503+/-0.000 χ^2/NDF : 681916814367.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.392+/-0.000 χ^2/NDF : 1497966642759

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 133210.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 184471.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

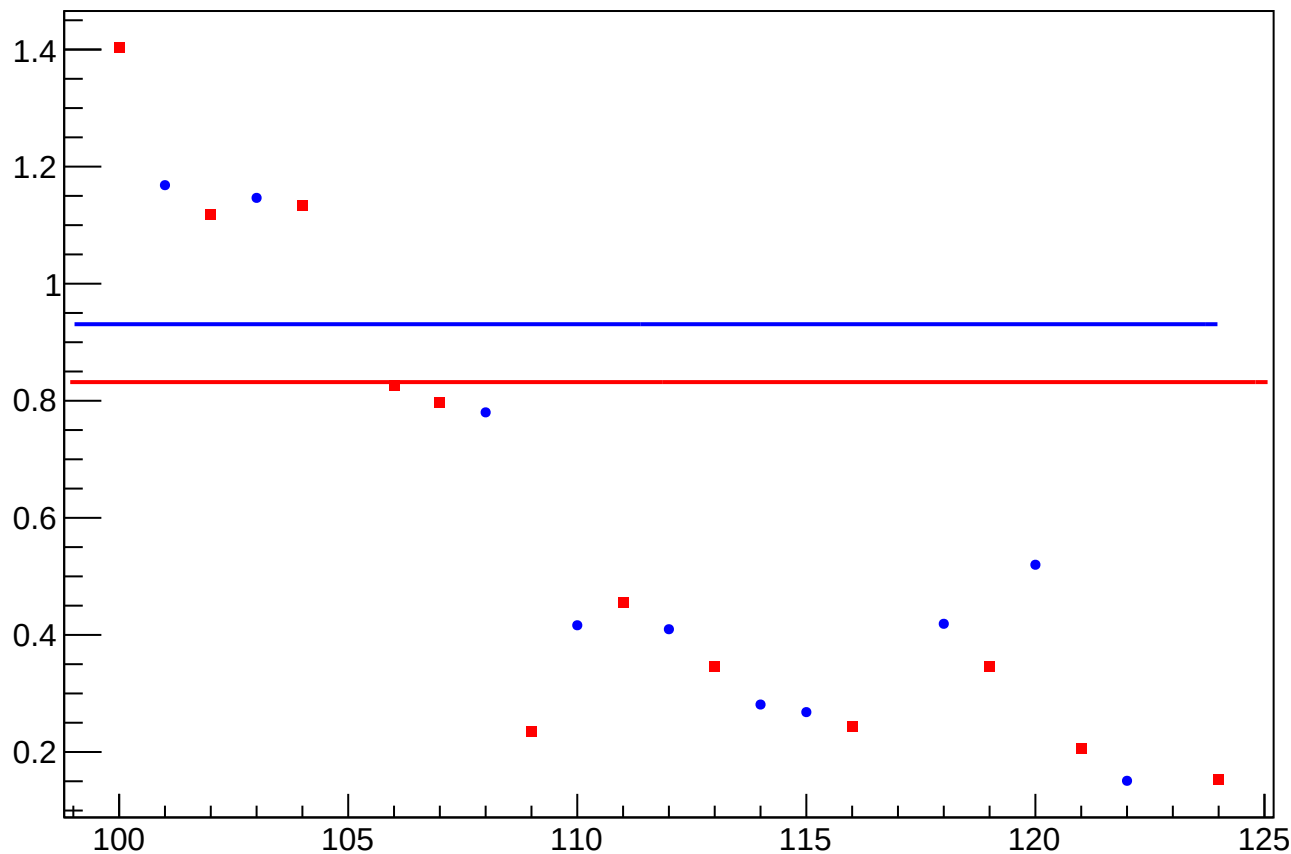
Right: 0.004+/-0.000 χ^2/NDF : 323839.0/21

In: 0.004+/-0.000 χ^2/NDF : 133210.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 323839.0/21

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.931+/-0.000 χ^2/NDF : 13261658286.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.832+/-0.000 χ^2/NDF : 17986992484.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

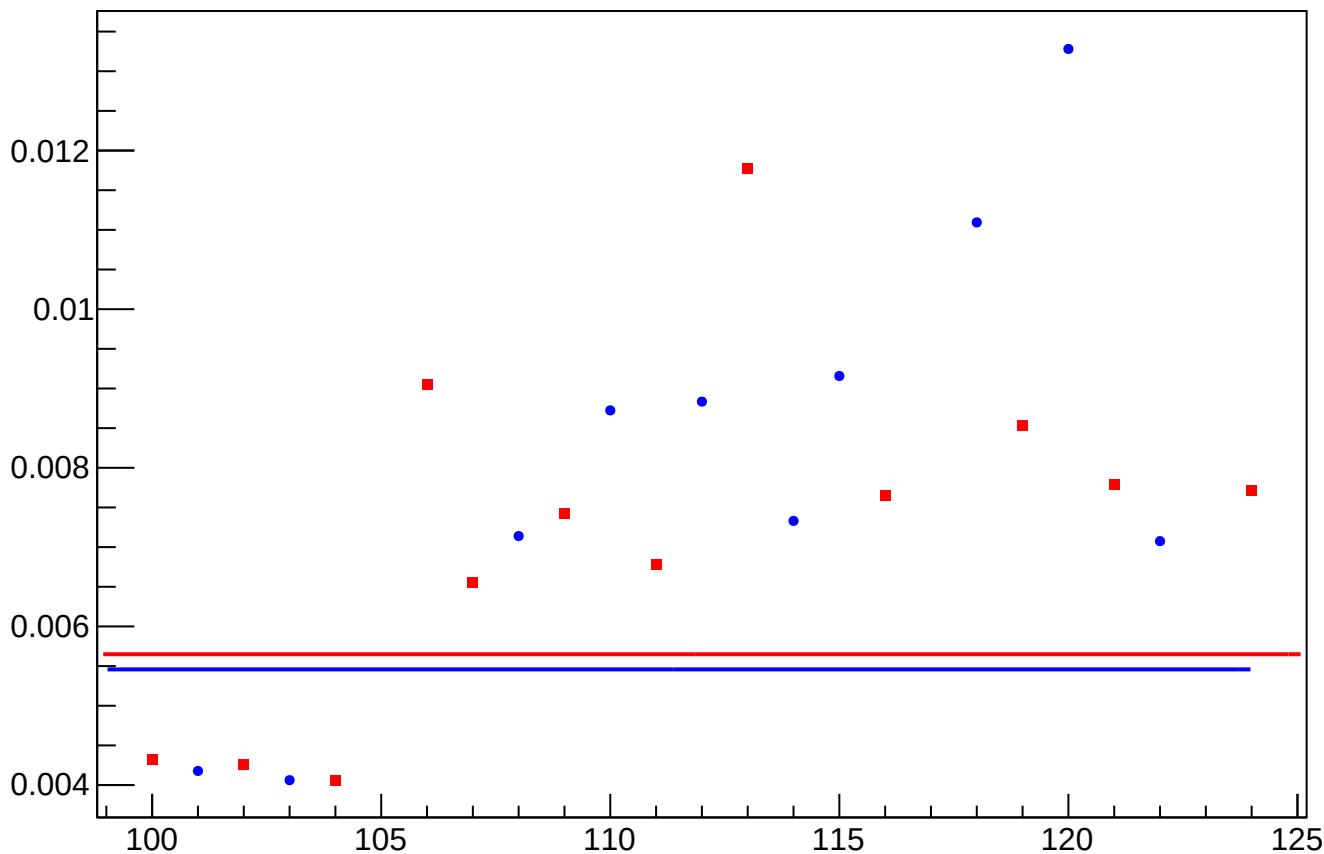
Right: 0.878+/-0.000 χ^2/NDF : 31780428347.2/21

In: 0.931+/-0.000 χ^2/NDF : 13261658286.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.878+/-0.000 χ^2/NDF : 31780428347.2/21

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1006552.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 849948.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

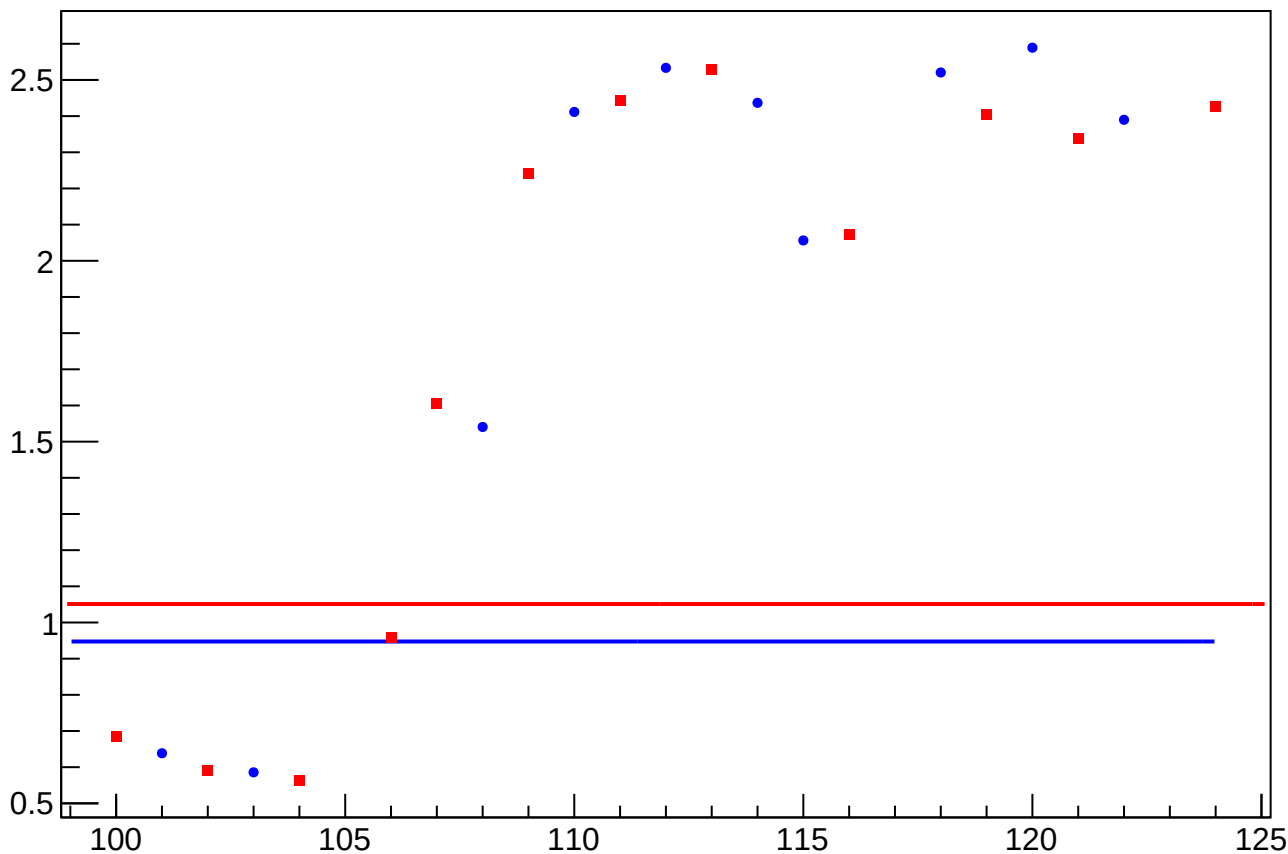
Right: 0.006+/-0.000 χ^2/NDF : 1860473.7/21

In: 0.005+/-0.000 χ^2/NDF :1006552.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1860473.7/21

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.947+/-0.000 χ^2/NDF : 50321676513.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.051+/-0.000 χ^2/NDF : 71199297623.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

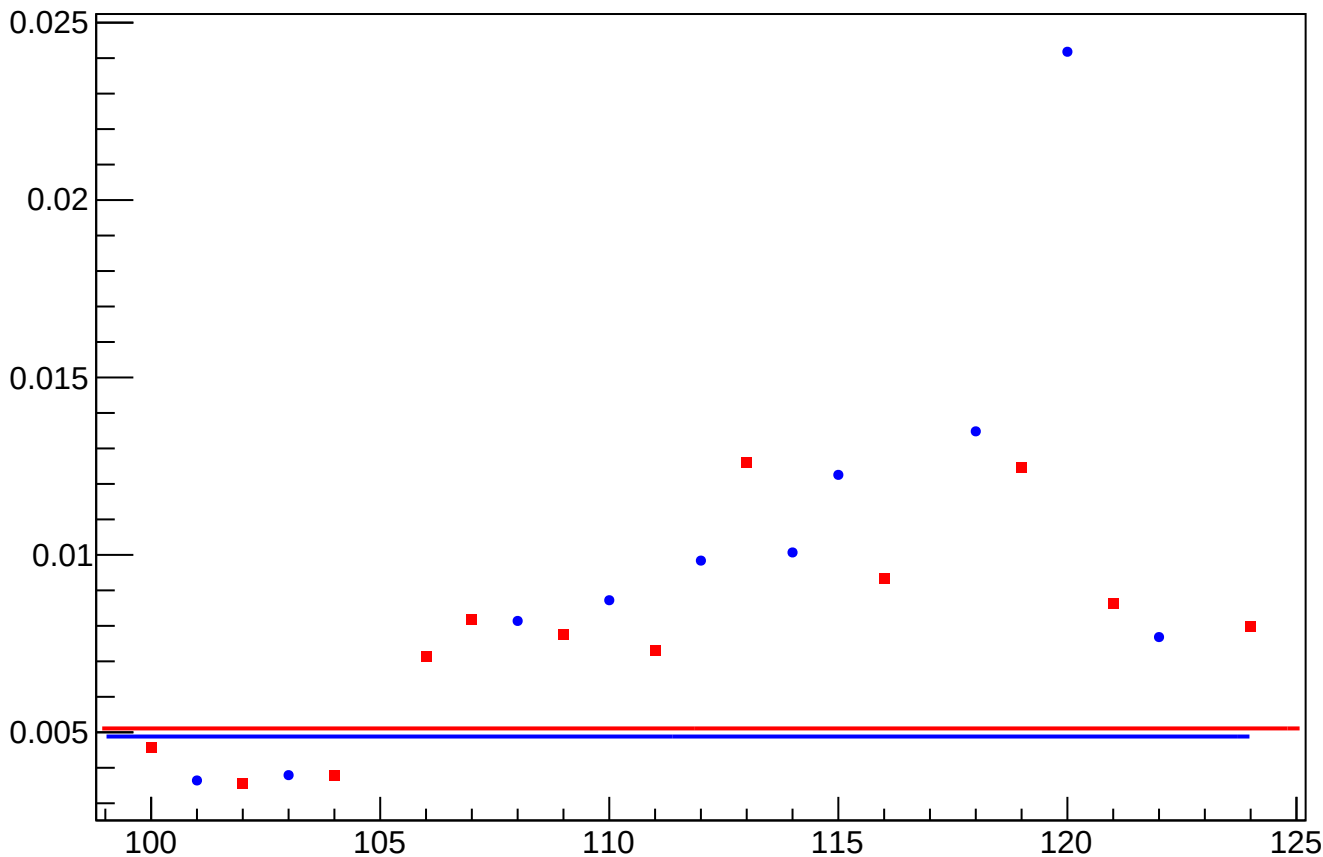
Right: 1.002+/-0.000 χ^2/NDF : 122150404318.8/21

In: 0.947+/-0.000 χ^2/NDF : 50321676513.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.002+/-0.000 χ^2/NDF : 122150404318.8

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1511294.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1379343.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

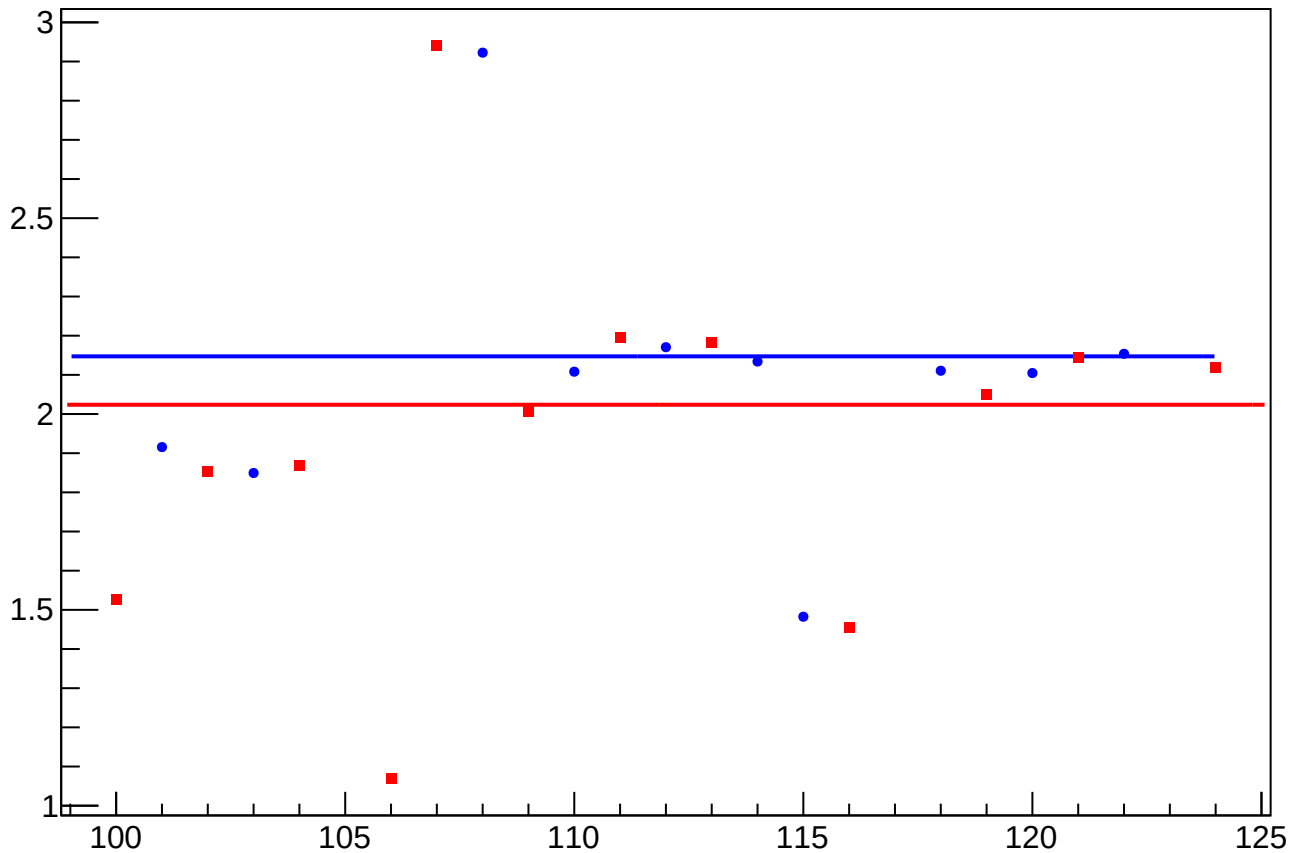
Right: 0.005+/-0.000 χ^2/NDF : 2896733.2/21

In: 0.005+/-0.000 χ^2/NDF :1511294.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2896733.2/21

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.147+/-0.000 χ^2/NDF : 9015207755.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.024+/-0.000 χ^2/NDF : 13372997151.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

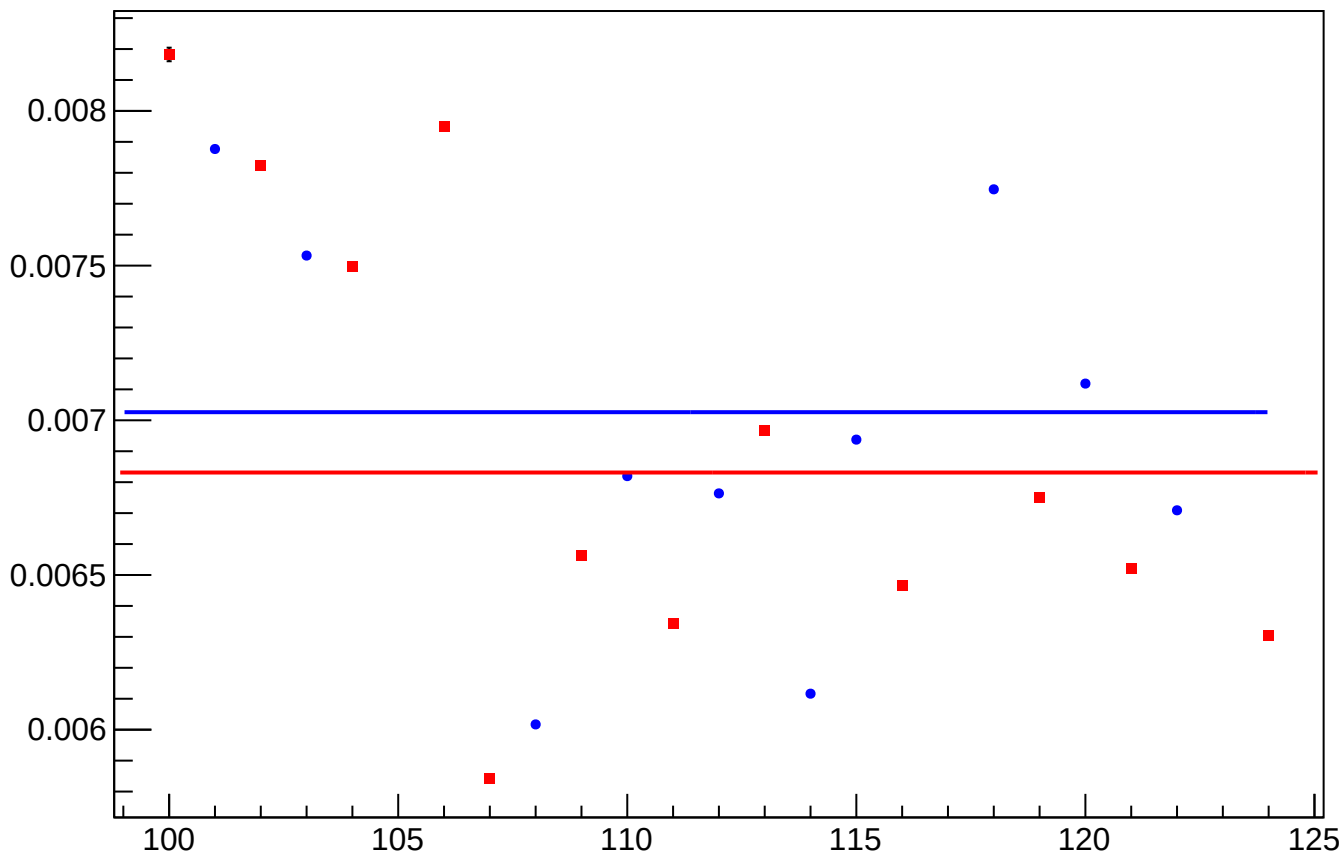
Right: 2.079+/-0.000 χ^2/NDF : 23042808314.5/21

In: 2.147+/-0.000 χ^2/NDF : 9015207755.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.079+/-0.000 χ^2/NDF : 23042808314.5/21

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 58289.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 69748.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

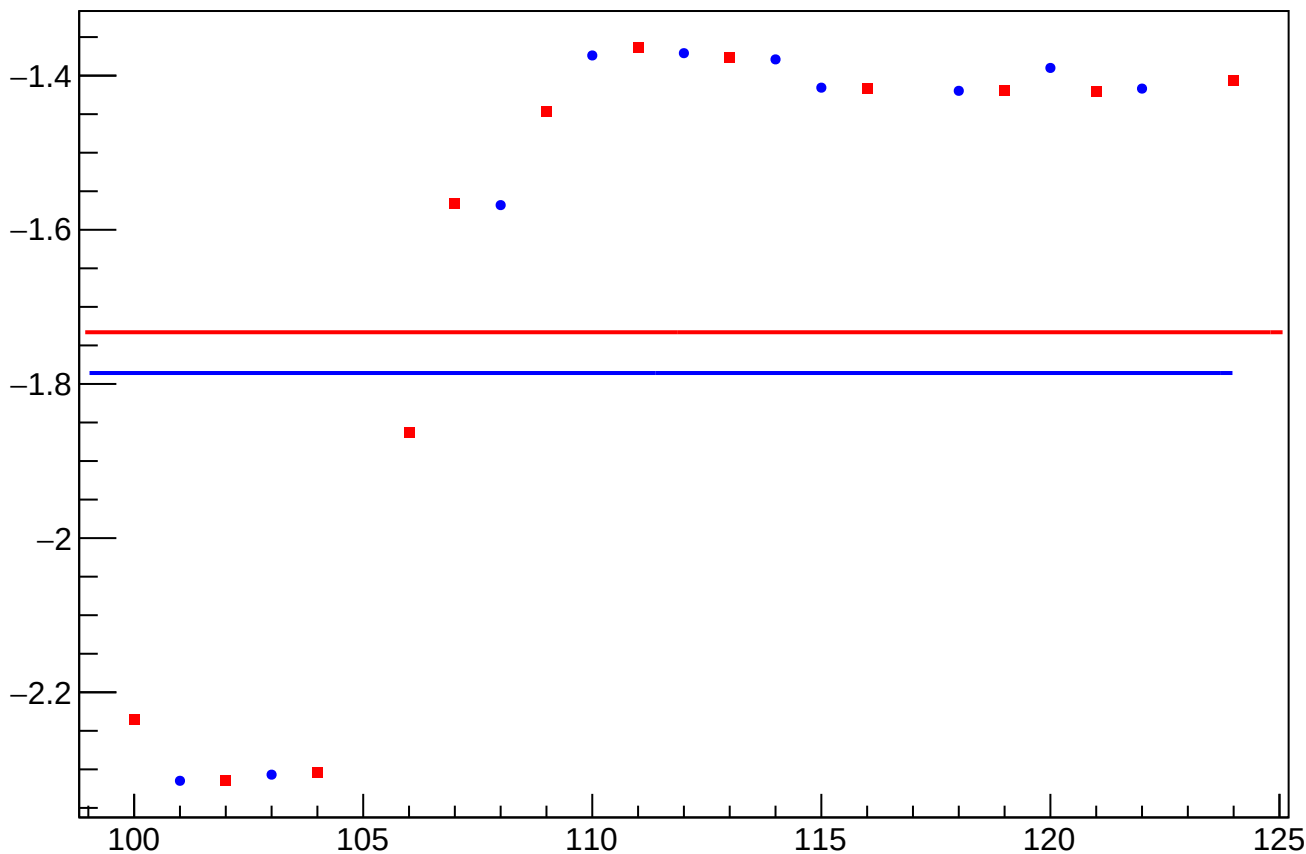
Right: 0.007+/-0.000 χ^2/NDF : 131301.2/21

In: 0.007+/-0.000 χ^2/NDF :58289.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 131301.2/21

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.786+/-0.000 χ^2/NDF : 98414632512.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.733+/-0.000 χ^2/NDF : 105871941272.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

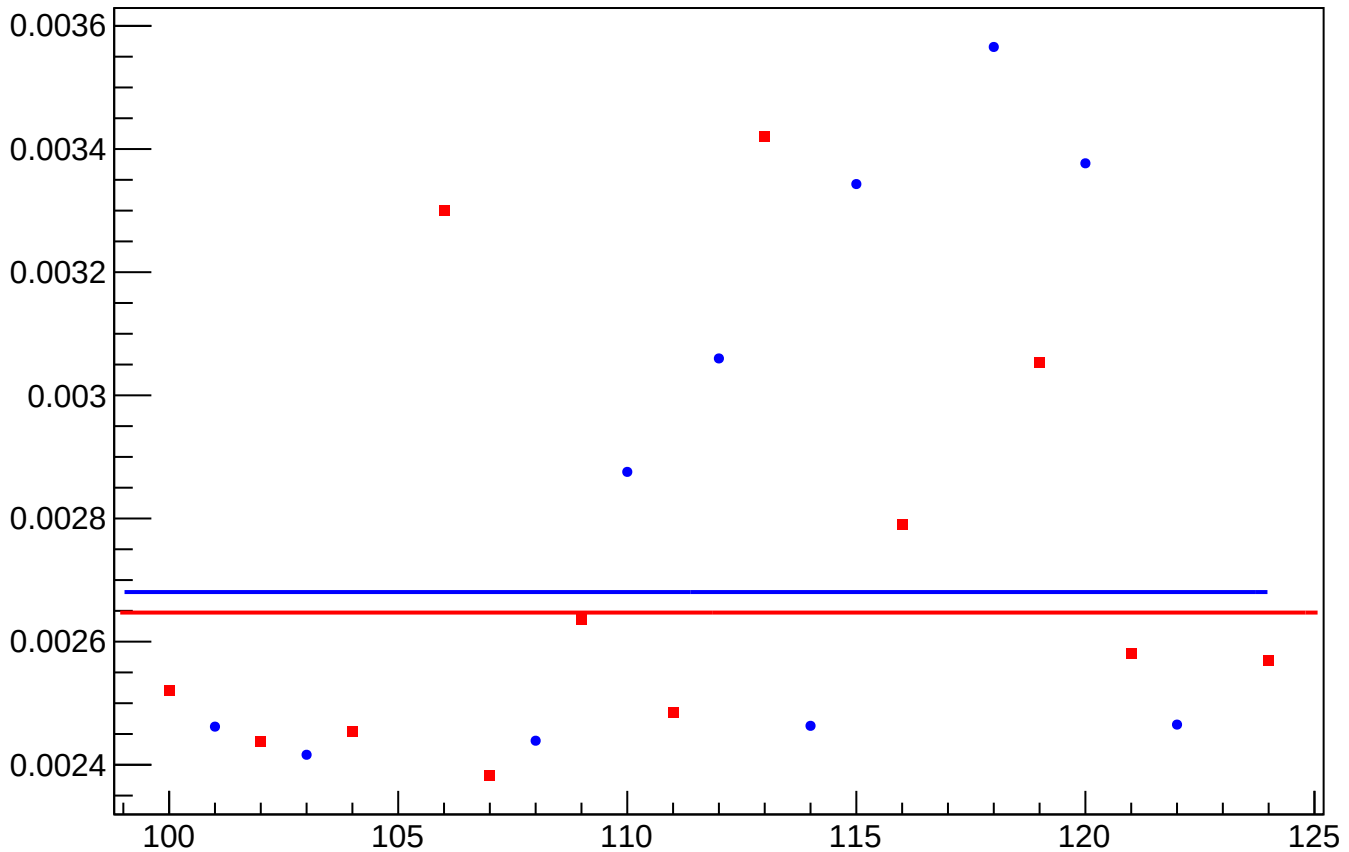
Right: -1.757+/-0.000 χ^2/NDF : 205079587408.0/21

In: -1.786+/-0.000 χ^2/NDF :98414632512.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.757+/-0.000 χ^2/NDF : 205079587408.0

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 150548.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 108891.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

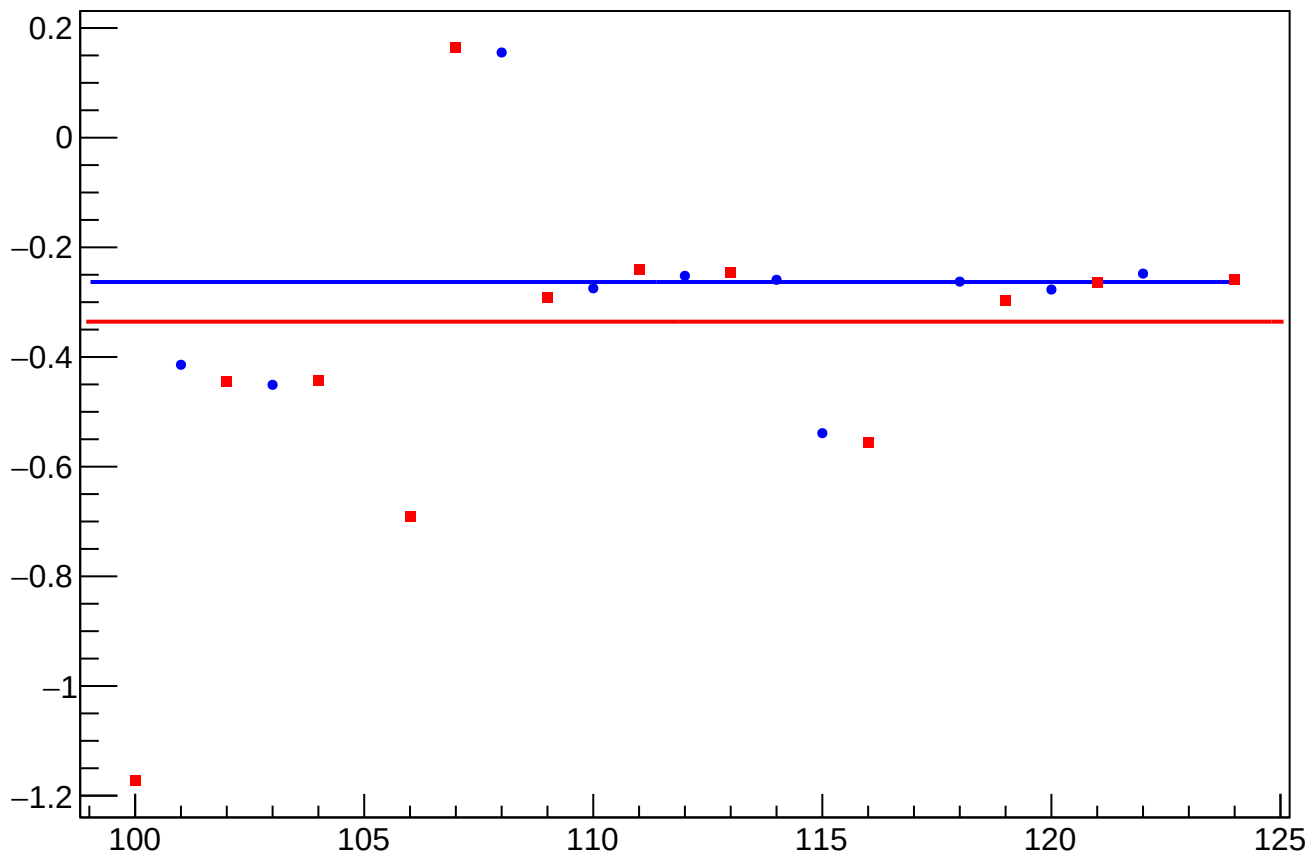
Right: 0.003+/-0.000 χ^2/NDF : 260069.4/21

In: 0.003+/-0.000 χ^2/NDF :150548.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 260069.4/21

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.263+/-0.000 χ^2/NDF : 944319465.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.336+/-0.000 χ^2/NDF : 1565543489.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

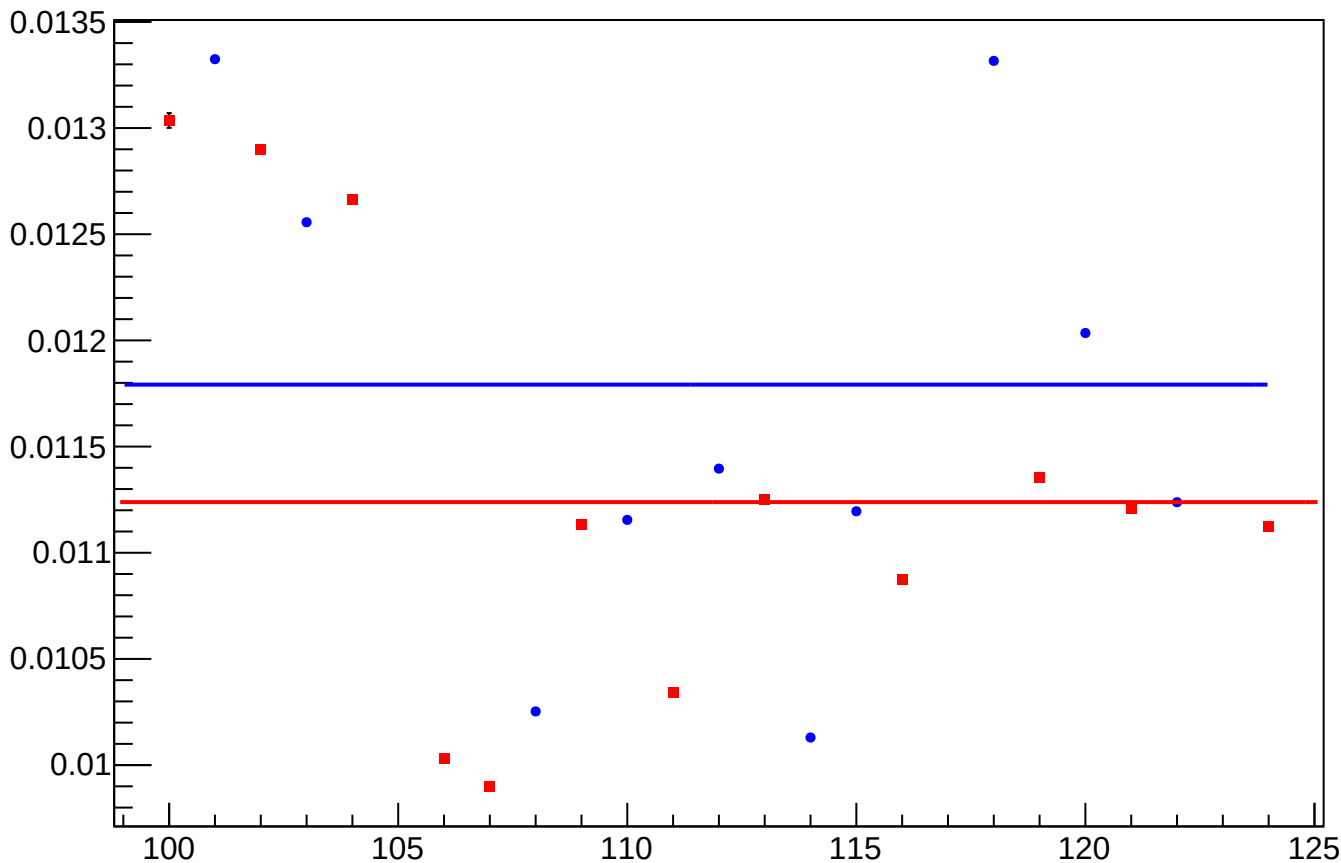
Right: -0.304+/-0.000 χ^2/NDF : 2592724355.0/21

In: -0.263+/-0.000 χ^2/NDF :944319465.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.304+/-0.000 χ^2/NDF : 2592724355.0/2

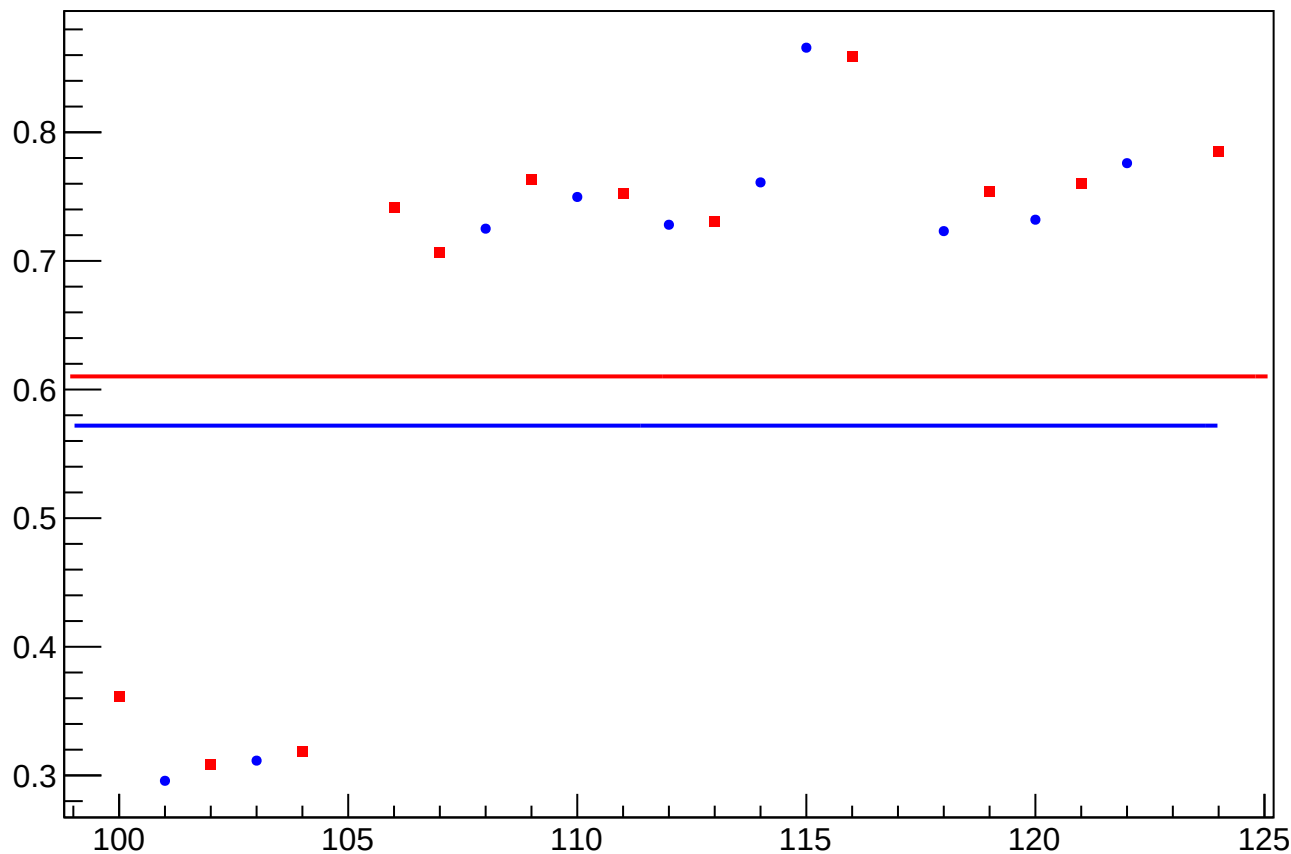
yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 64369.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.011+/-0.000 χ^2/NDF : 61420.9/11
 Left 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 : 135477.0/21
 In: 0.012+/-0.000 χ^2/NDF : 64369.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.011+/-0.000 χ^2/NDF : 135477.0/21

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.572+/-0.000 χ^2/NDF : 25797603708.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.610+/-0.000 χ^2/NDF : 27677121319.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

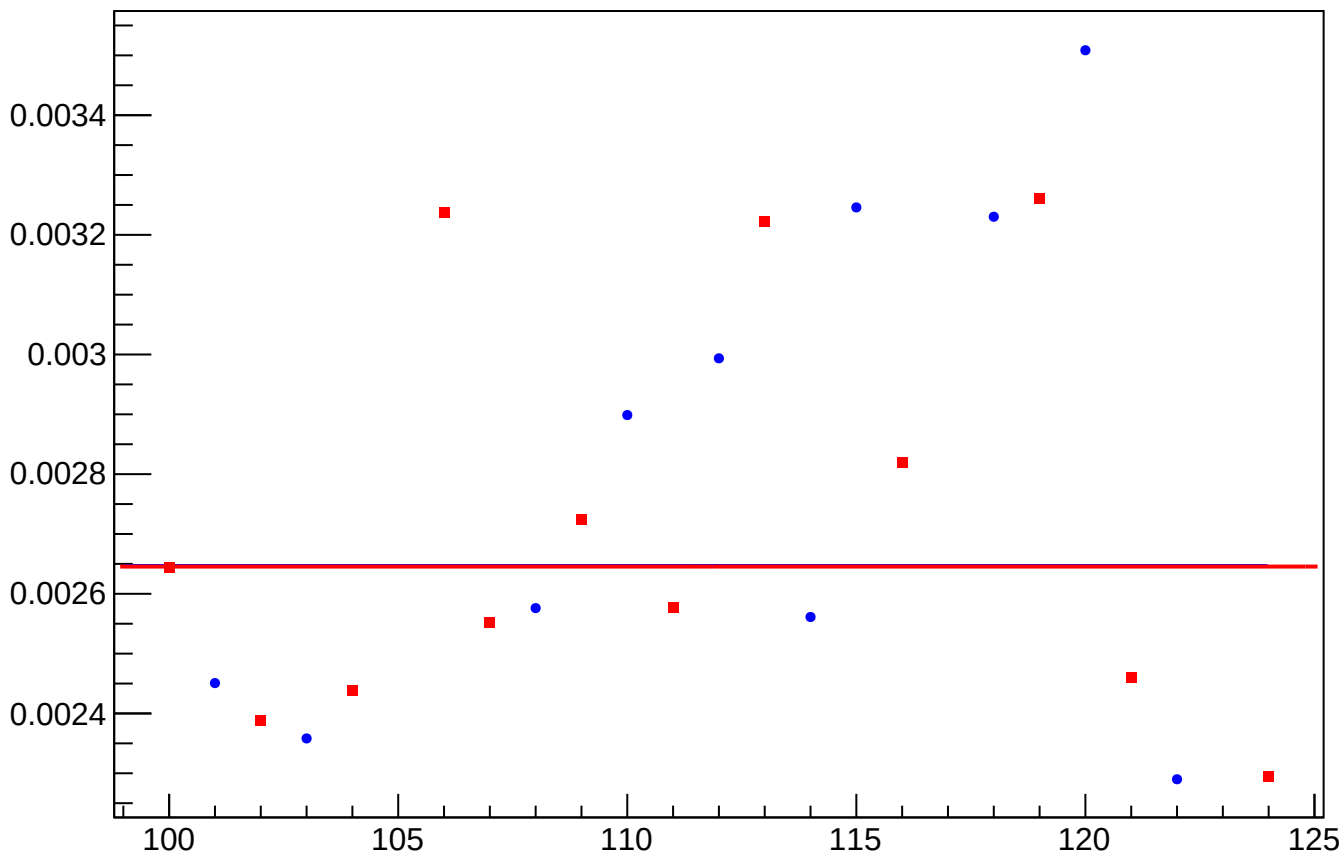
Right: 0.592+/-0.000 χ^2/NDF : 53896515176.5/21

In: 0.572+/-0.000 χ^2/NDF : 25797603708.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.592+/-0.000 χ^2/NDF : 53896515176.5/21

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 142054.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 117728.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

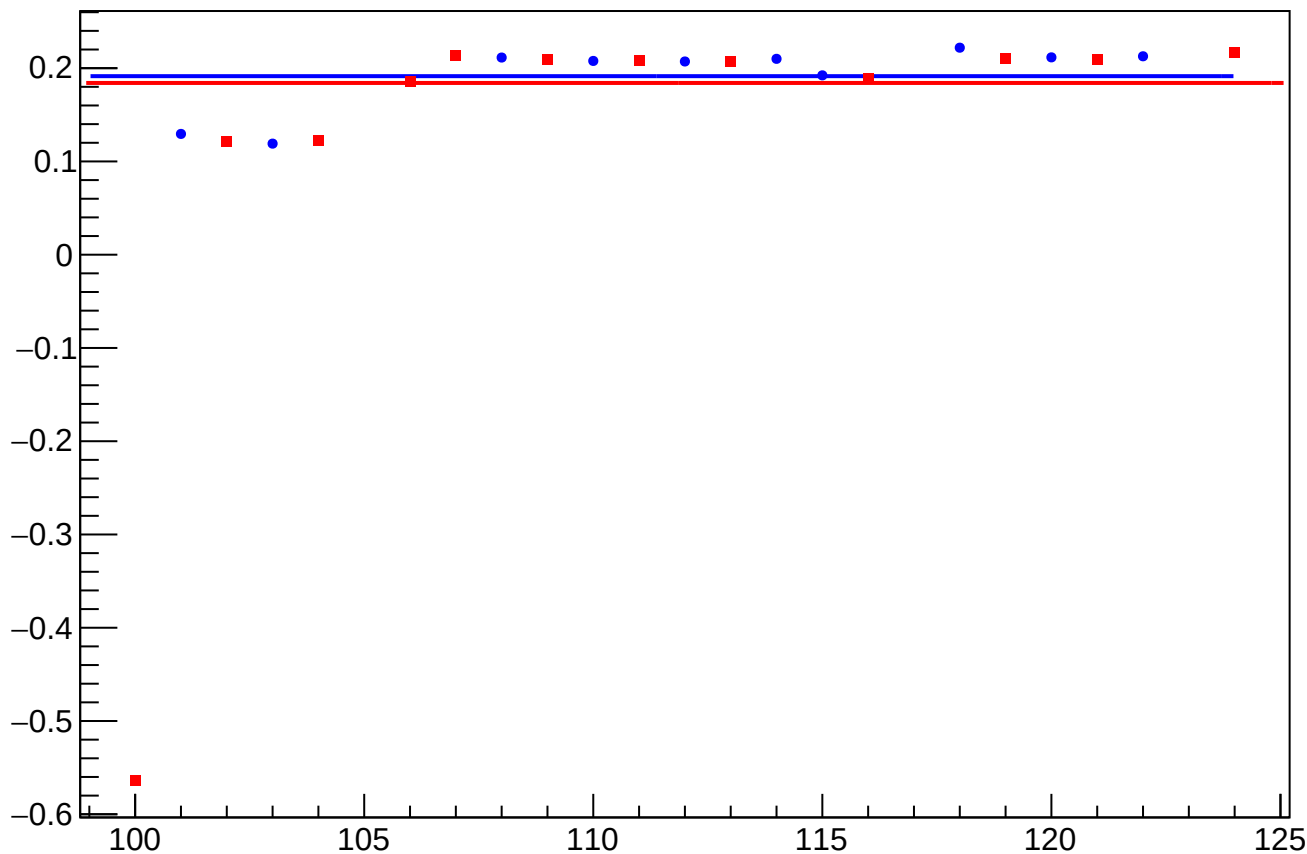
Right: 0.003+/-0.000 χ^2/NDF : 259784.0/21

In: 0.003+/-0.000 χ^2/NDF : 142054.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 259784.0/21

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.191+/-0.000 χ^2/NDF : 49852341.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.184+/-0.000 χ^2/NDF : 335251502.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

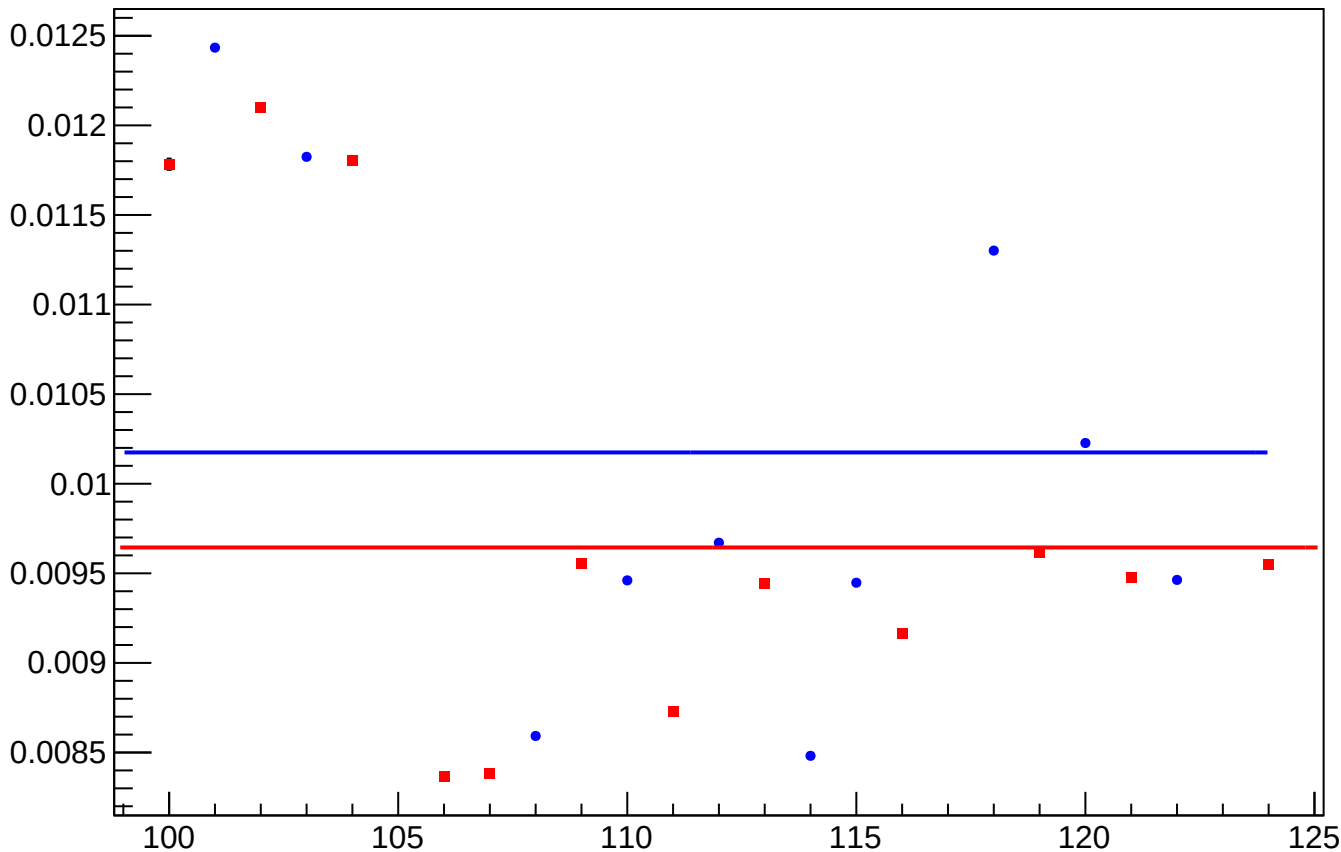
Right: 0.187+/-0.000 χ^2/NDF : 386223989.9/21

In: 0.191+/-0.000 χ^2/NDF :49852341.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.187+/-0.000 χ^2/NDF : 386223989.9/21

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 123062.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 127119.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

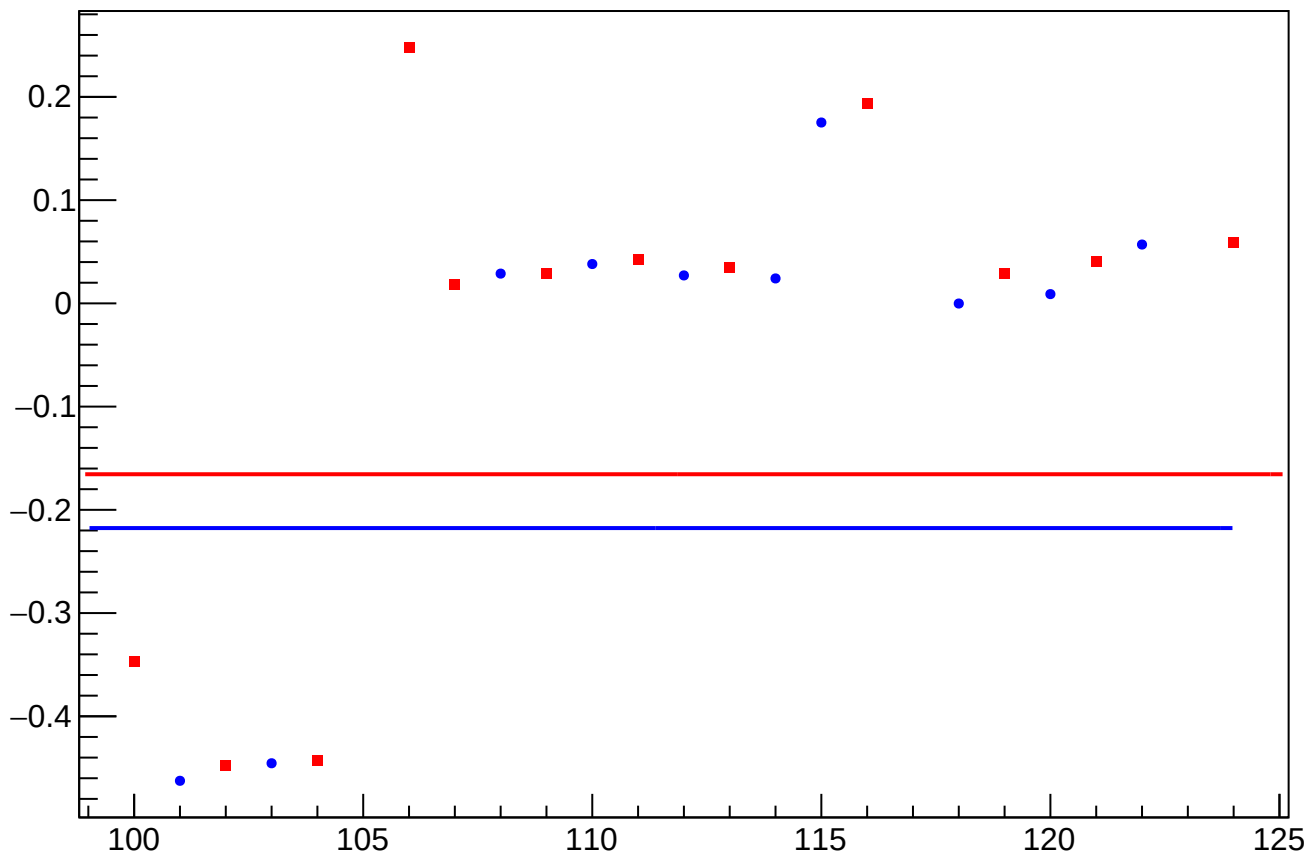
Right: 0.010+/-0.000 χ^2/NDF : 262080.2/21

In: 0.010+/-0.000 χ^2/NDF :123062.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 262080.2/21

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.218+/-0.000 χ^2/NDF : 11137371388.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.166+/-0.000 χ^2/NDF : 13028071479.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

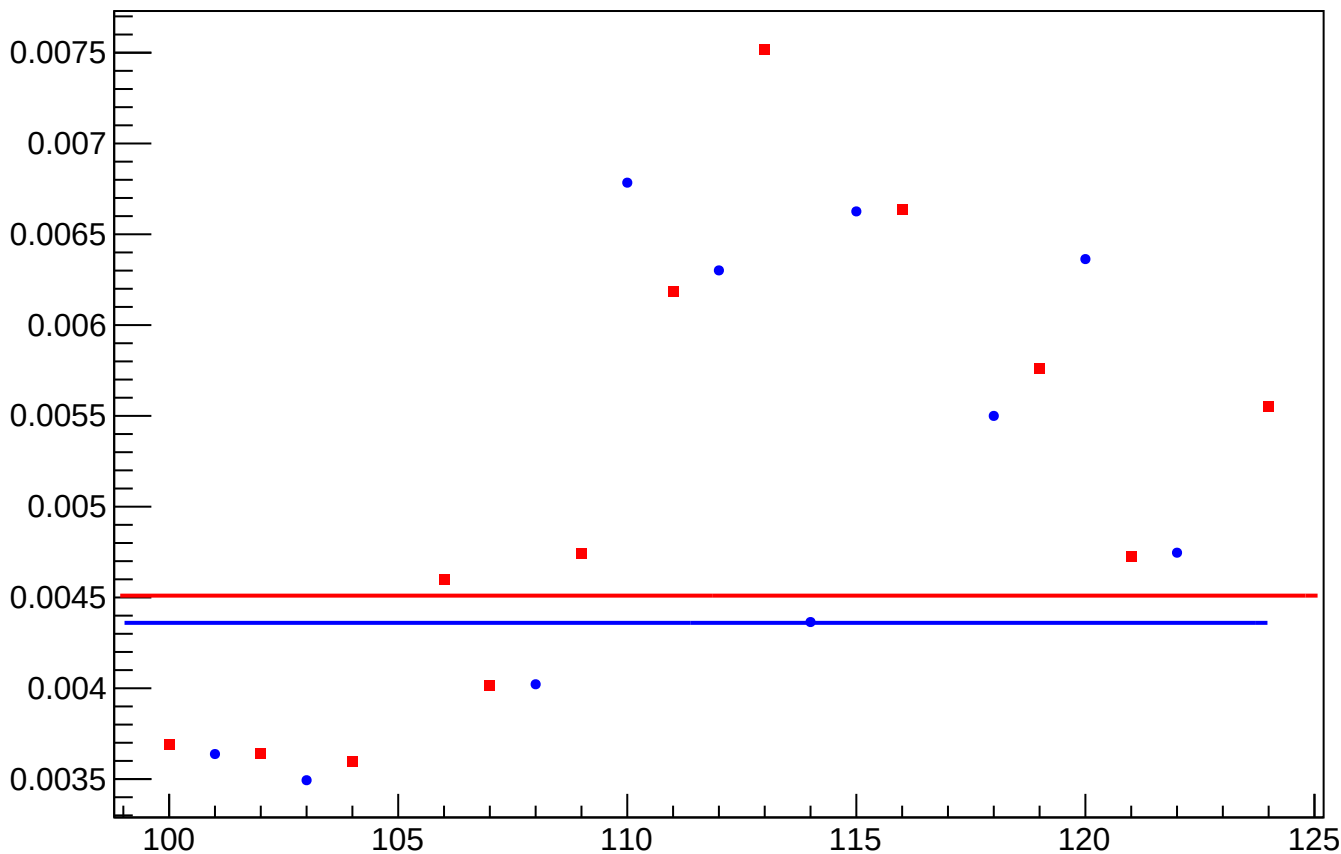
Right: -0.191+/-0.000 χ^2/NDF : 24428702411.4/21

In: -0.218+/-0.000 χ^2/NDF :11137371388.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.191+/-0.000 χ^2/NDF : 24428702411.4/21

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 432946.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 462185.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

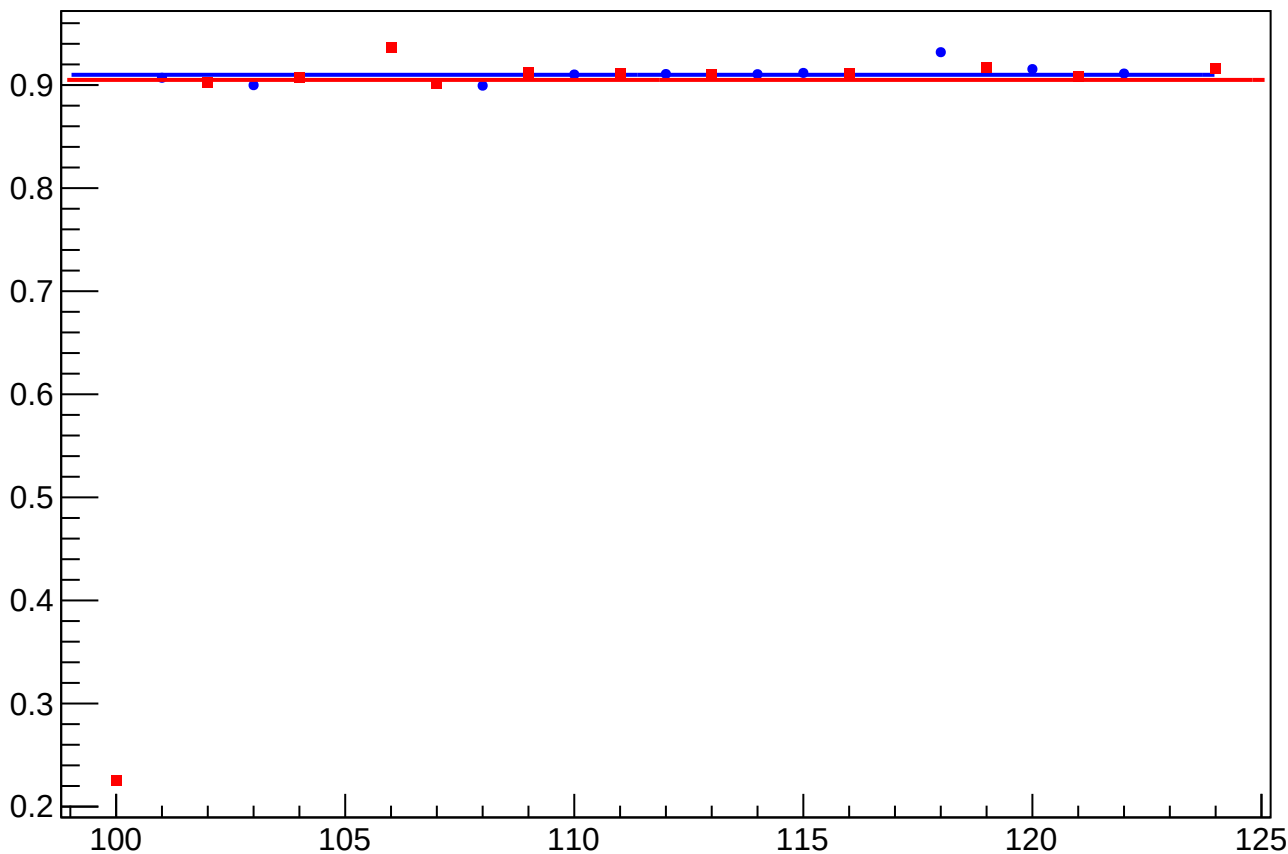
Right: 0.004+/-0.000 χ^2/NDF : 899478.7/21

In: 0.004+/-0.000 χ^2/NDF :432946.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 899478.7/21

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.910 $\pm$ 0.000 χ^2 /NDF: 2394601.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.905 $\pm$ 0.000 χ^2 /NDF: 217862776.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

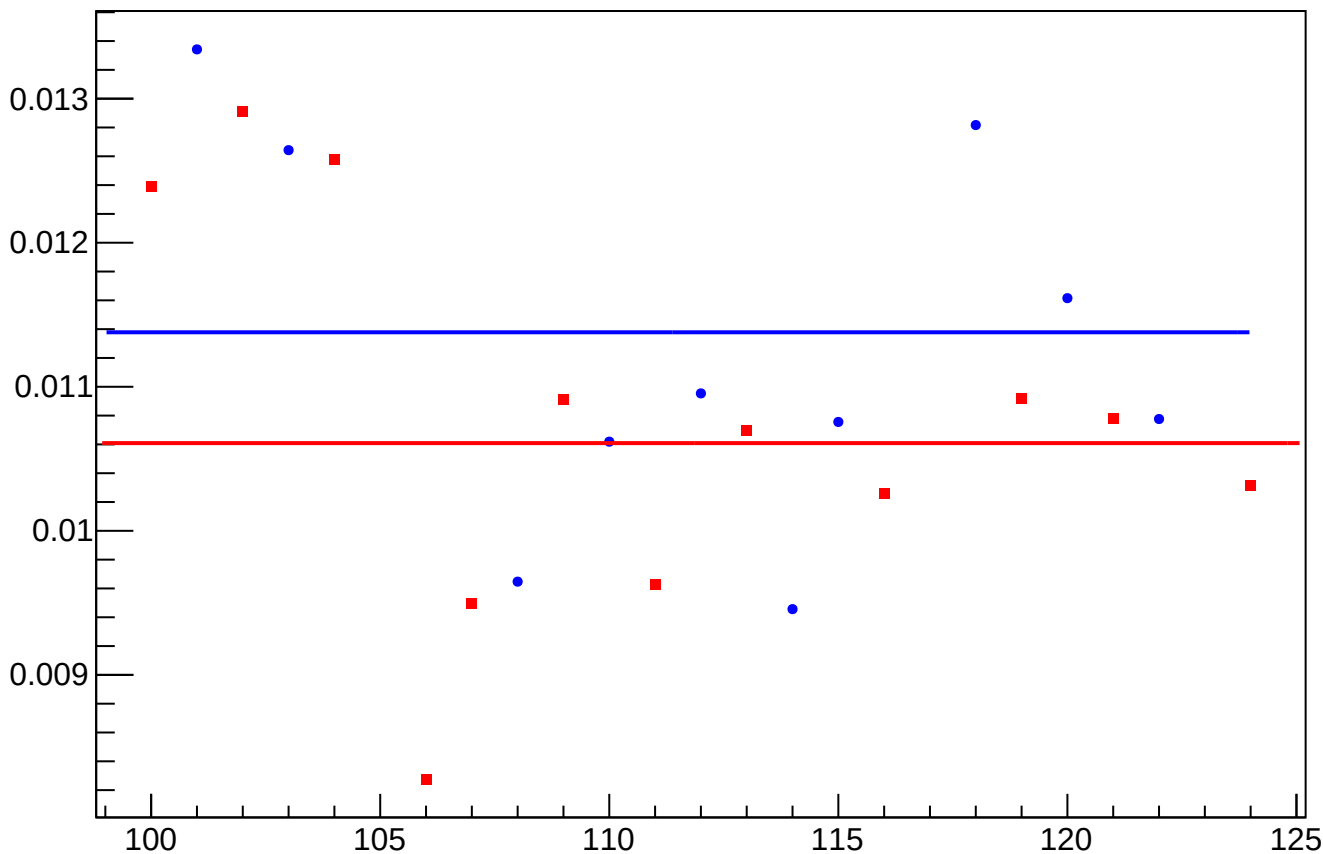
Right: 0.907 $\pm$ 0.000 χ^2 /NDF: 220678117.3/21

In: 0.910 $\pm$ 0.000 χ^2 /NDF:2394601.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.907 $\pm$ 0.000 χ^2 /NDF: 220678117.3/21

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 94683.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 135426.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

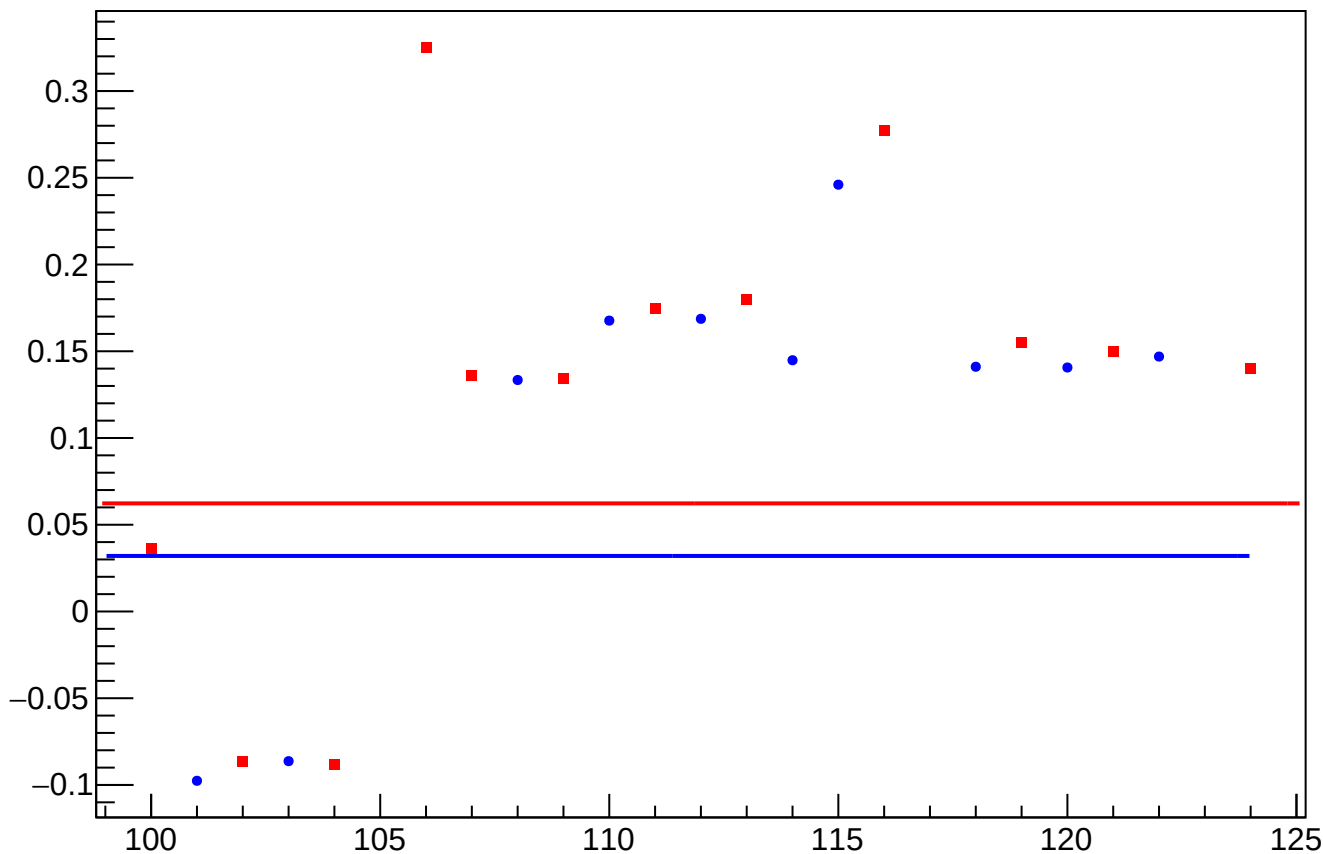
Right: 0.011+/-0.000 χ^2/NDF : 250422.6/21

In: 0.011+/-0.000 χ^2/NDF : 94683.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 250422.6/21

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.000

χ^2/NDF : 2369127186.4/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.048+/-0.000

χ^2/NDF : 5513674546.9/21

Right Out: 0.062+/-0.000

χ^2/NDF : 3067039752.1/11

In: 0.032+/-0.000

χ^2/NDF : 2369127186.4/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

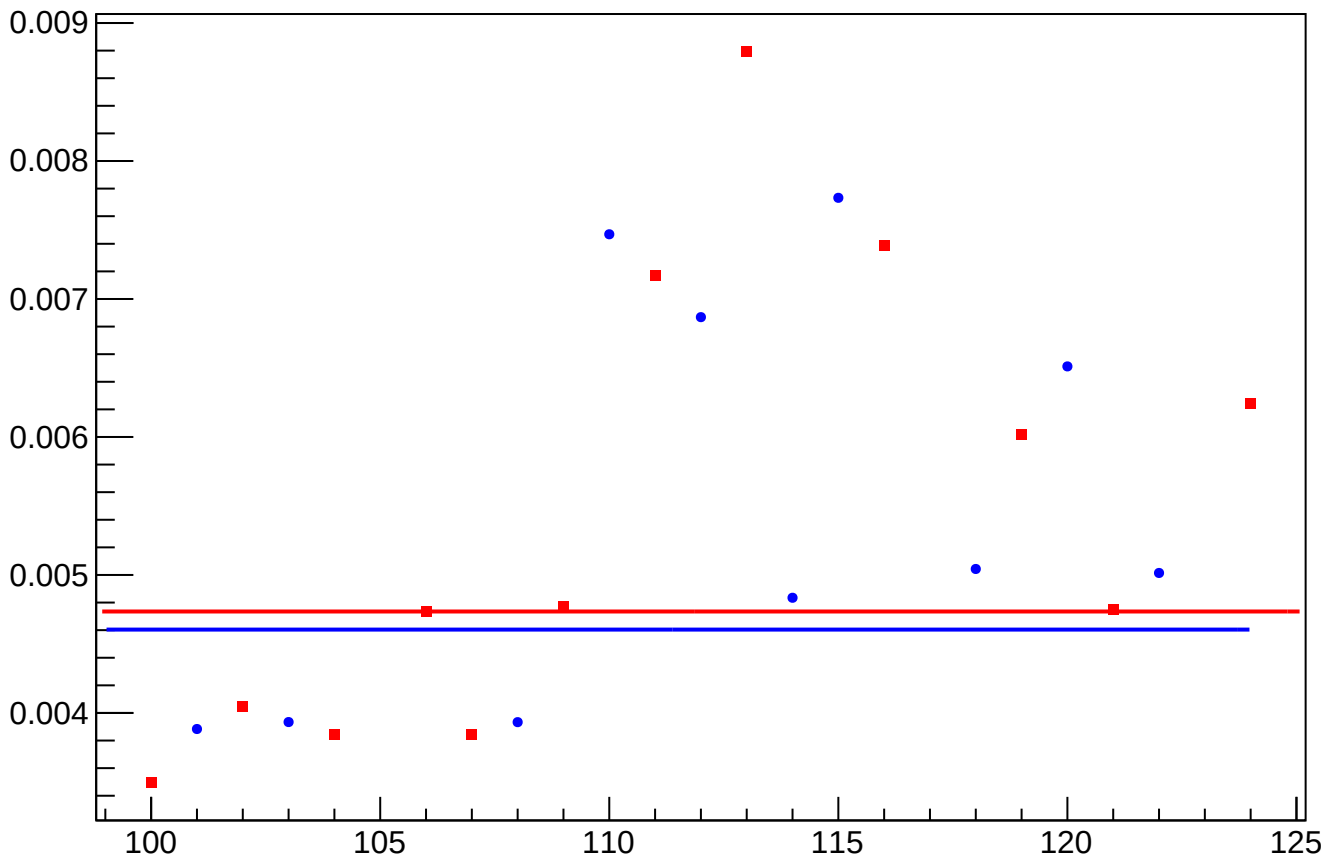
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.048+/-0.000

χ^2/NDF : 5513674546.9/21

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 390388.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 525238.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

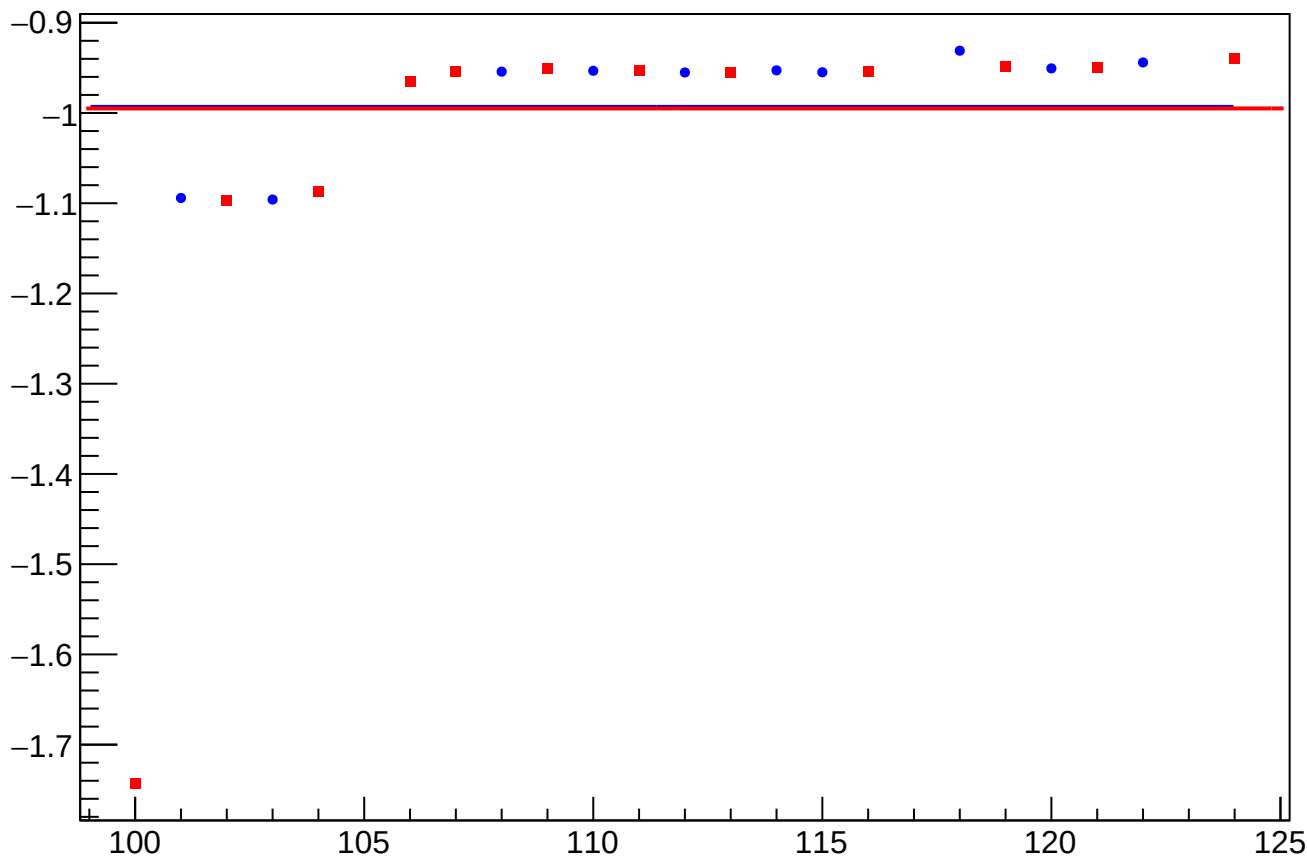
Right: 0.005+/-0.000 χ^2/NDF : 918531.6/21

In: 0.005+/-0.000 χ^2/NDF :390388.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 918531.6/21

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -0.993+/-0.000 χ^2/NDF : 120828357.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.995+/-0.000 χ^2/NDF : 417537403.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

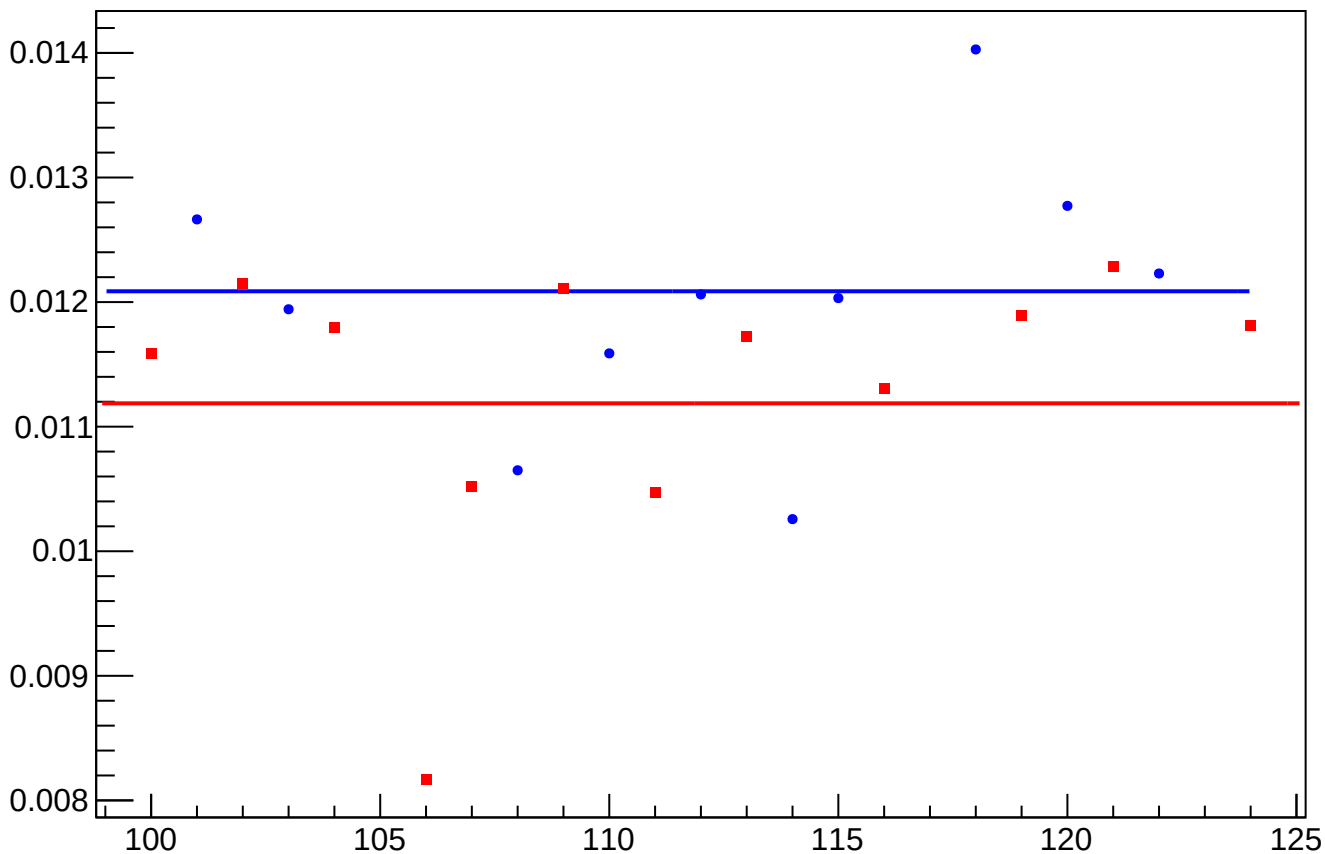
Right: -0.994+/-0.000 χ^2/NDF : 538410203.8/21

In: -0.993+/-0.000 χ^2/NDF : 120828357.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.994+/-0.000 χ^2/NDF : 538410203.8/21

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 46087.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 121900.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

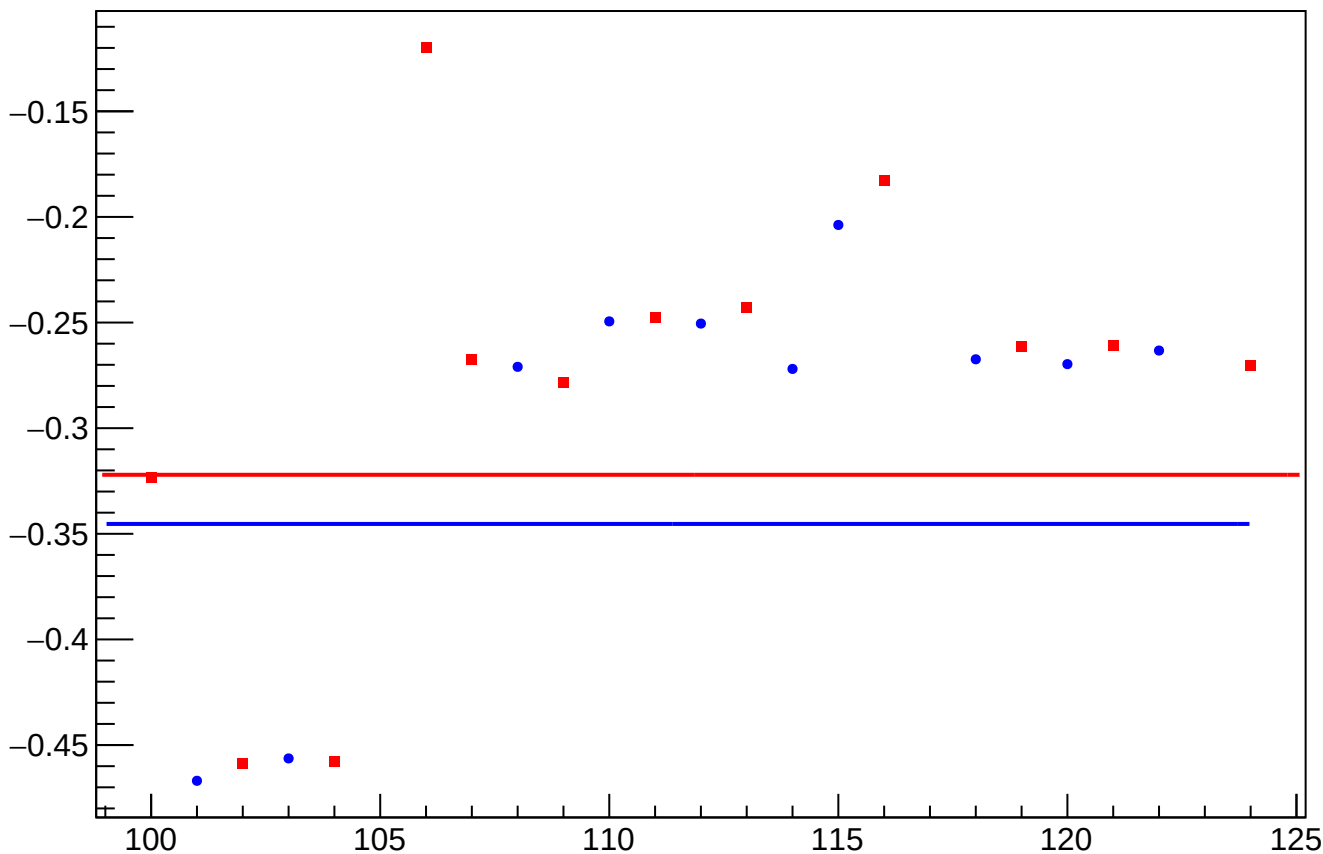
Right: 0.012+/-0.000 χ^2/NDF : 192795.0/21

In: 0.012+/-0.000 χ^2/NDF : 46087.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 192795.0/21

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.345+/-0.000 χ^2/NDF : 2111881302.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.322+/-0.000 χ^2/NDF : 2482089323.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

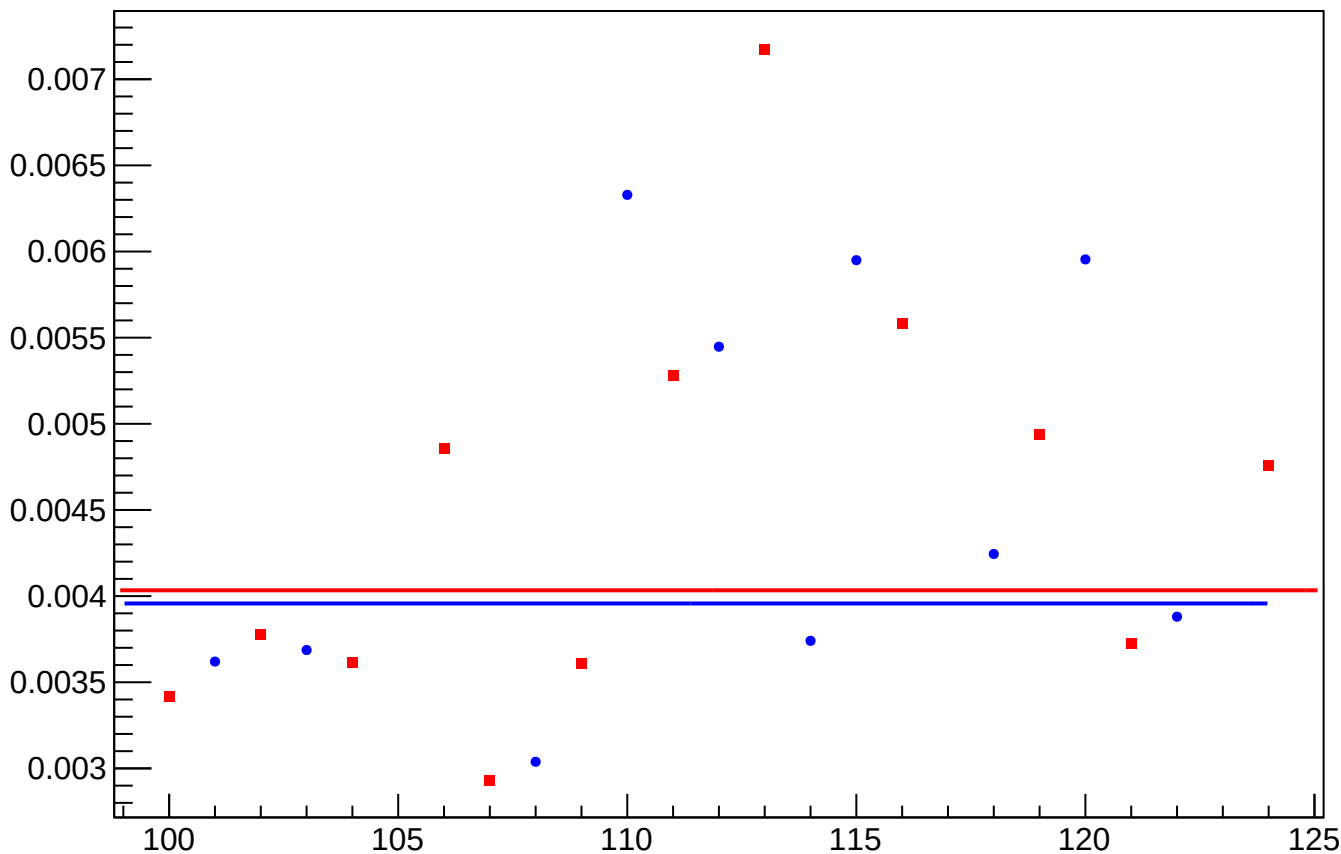
Right: -0.333+/-0.000 χ^2/NDF : 4656464963.9/21

In: -0.345+/-0.000 χ^2/NDF : 2111881302.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.333+/-0.000 χ^2/NDF : 4656464963.9/21

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 340967.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 401798.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

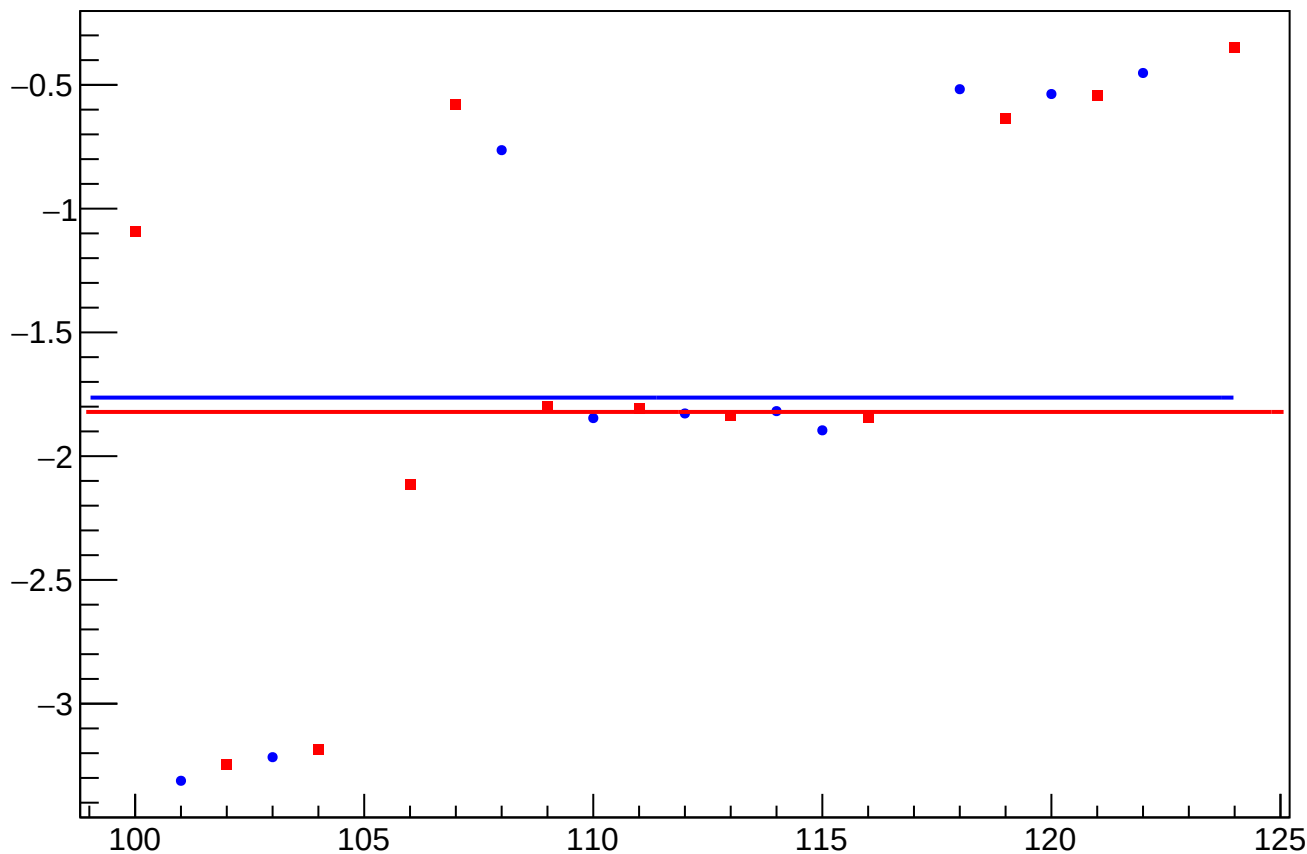
Right: 0.004+/-0.000 χ^2/NDF : 744115.4/21

In: 0.004+/-0.000 χ^2/NDF : 340967.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 744115.4/21

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.763+/-0.000 χ^2/NDF : 983458494.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.821+/-0.000 χ^2/NDF : 818998177.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

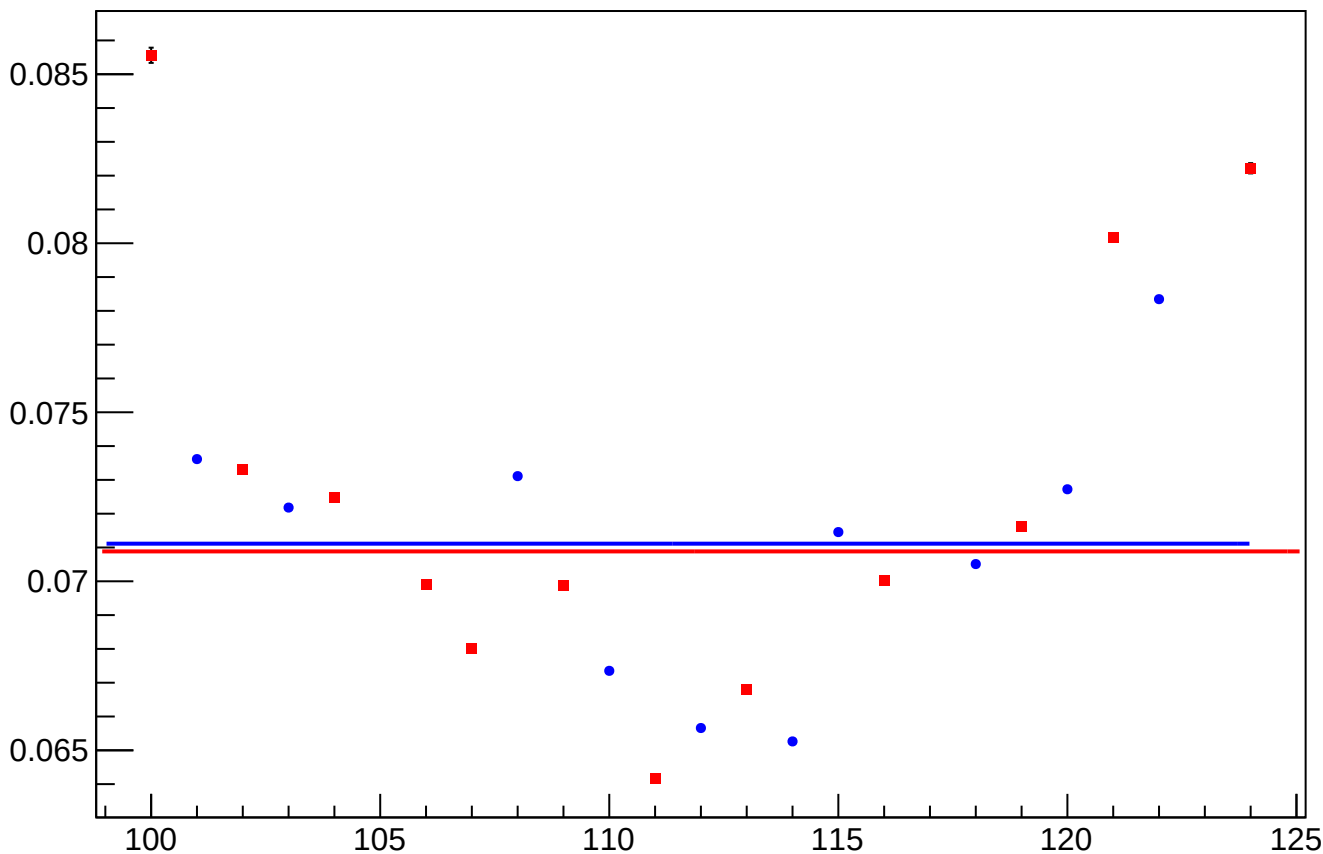
Right: -1.794+/-0.000 χ^2/NDF : 1803888733.0/21

In: -1.763+/-0.000 χ^2/NDF :983458494.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.794+/-0.000 χ^2/NDF : 1803888733.0/2

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.071+/-0.000 χ^2/NDF : 20723.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 37555.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

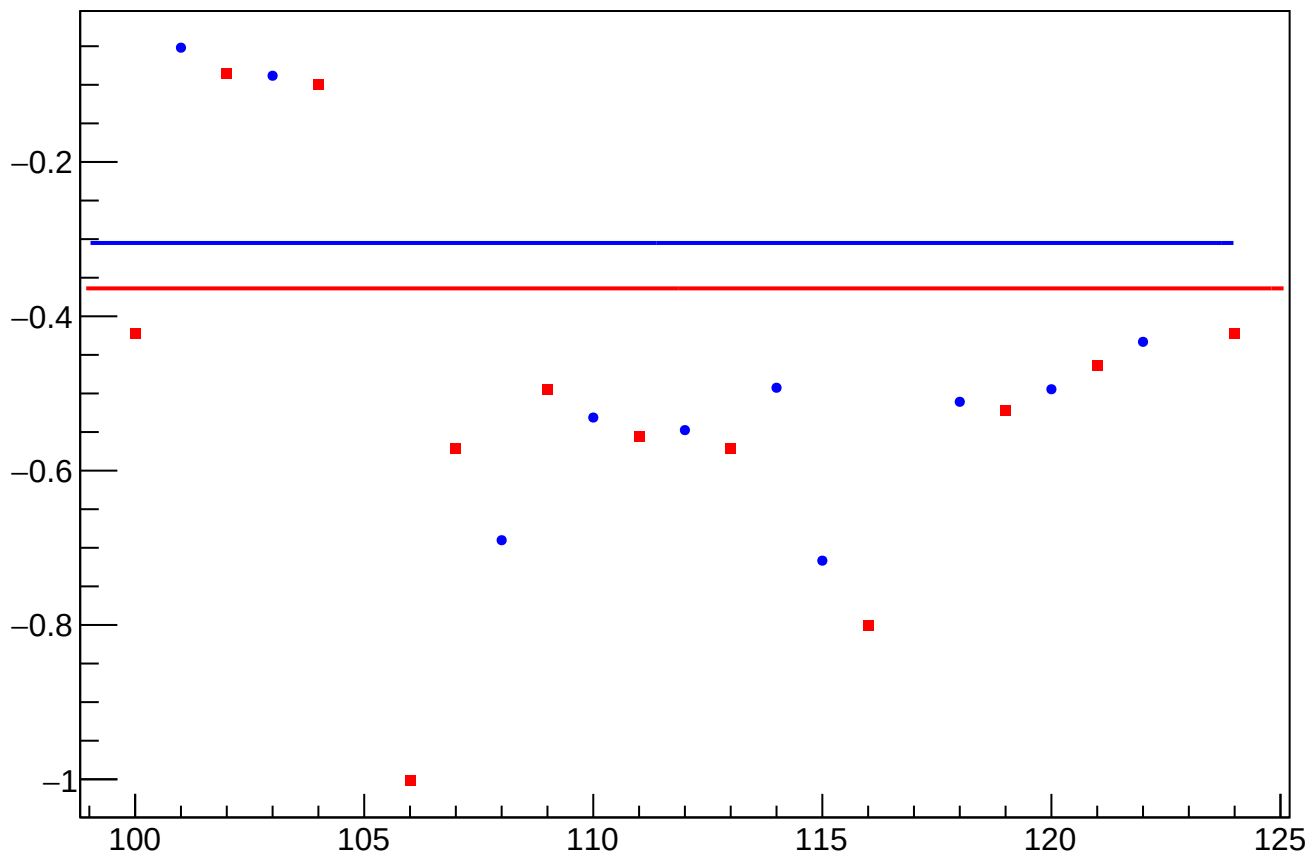
Right: 0.071+/-0.000 χ^2/NDF : 58323.1/21

In: 0.071+/-0.000 χ^2/NDF : 20723.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.071+/-0.000 χ^2/NDF : 58323.1/21

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.305+/-0.000 χ^2/NDF : 1753555879.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.364+/-0.000 χ^2/NDF : 2477452633.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

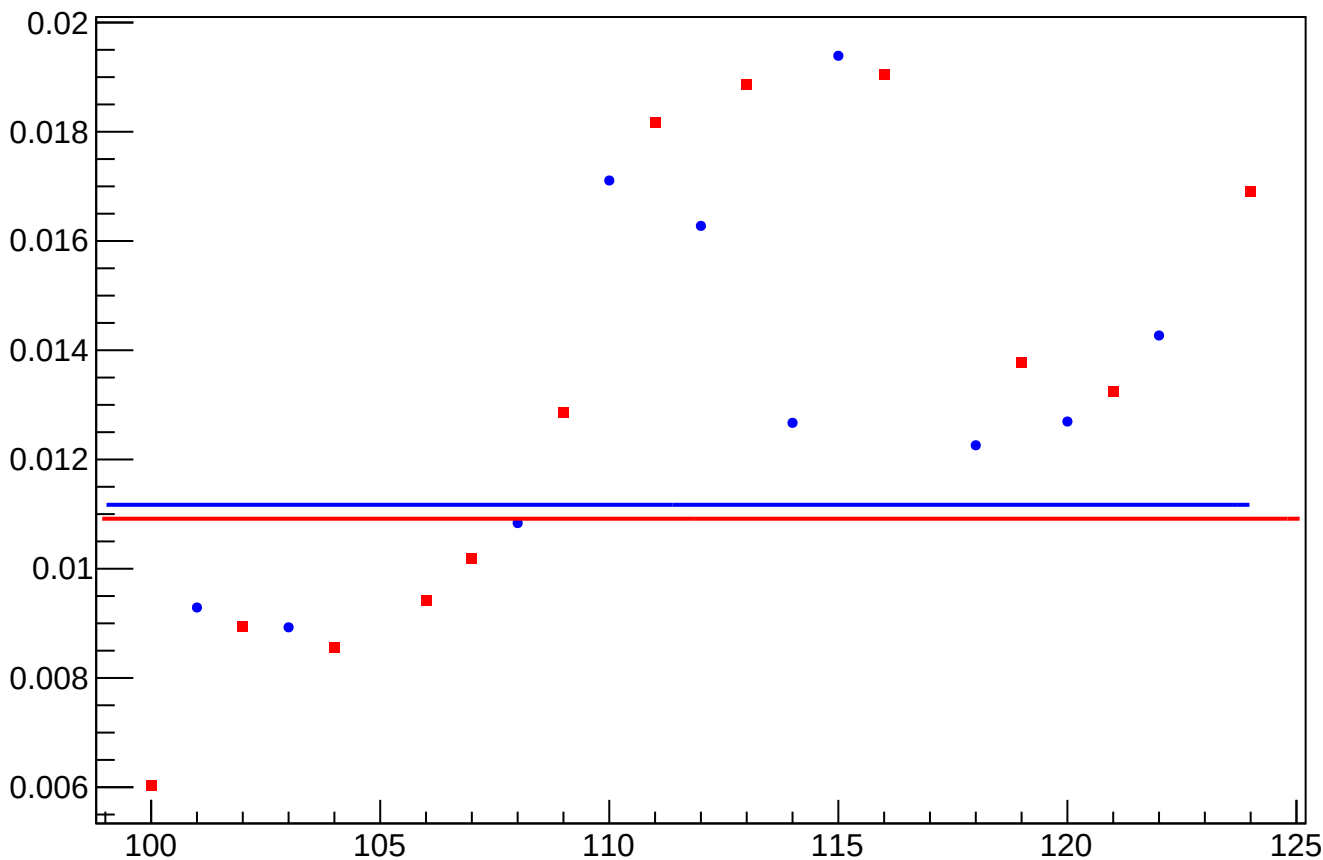
Right: -0.336+/-0.000 χ^2/NDF : 4283999921.6/21

In: -0.305+/-0.000 χ^2/NDF :1753555879.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.336+/-0.000 χ^2/NDF : 4283999921.6/21

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 390526.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 738637.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

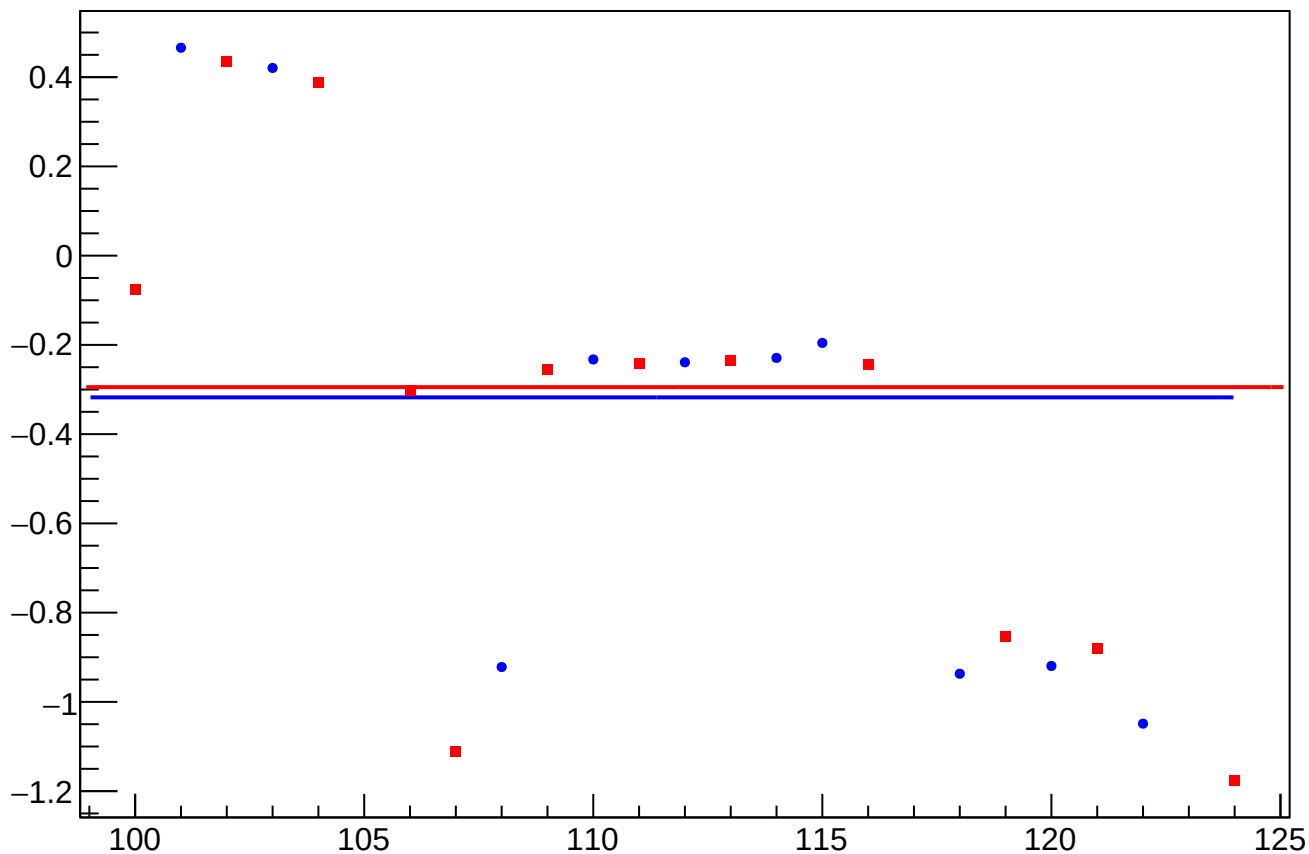
Right: 0.011+/-0.000 χ^2/NDF : 1131144.6/21

In: 0.011+/-0.000 χ^2/NDF :390526.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1131144.6/21

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.318+/-0.000 χ^2/NDF : 180713679.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.295+/-0.000 χ^2/NDF : 150821078.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

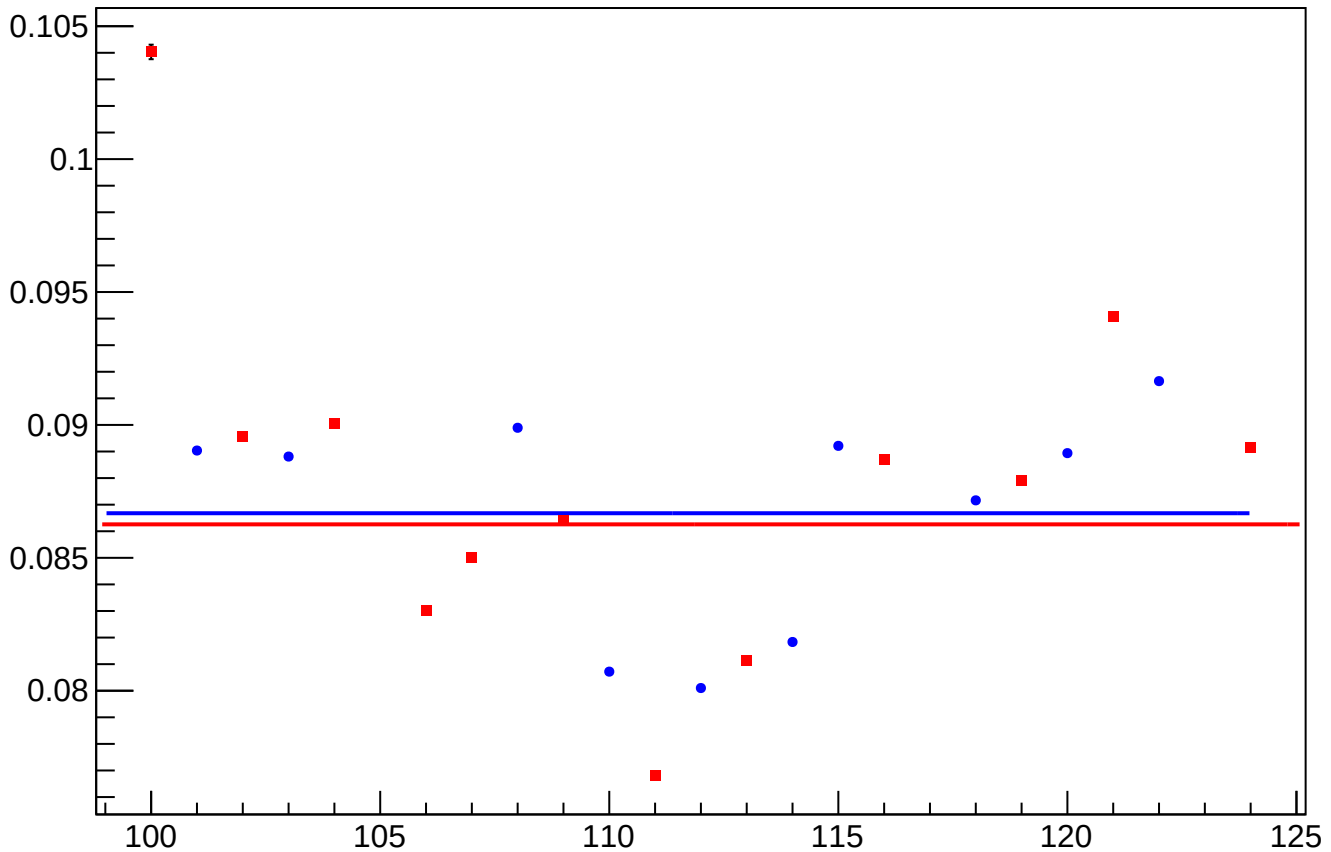
Right: -0.305+/-0.000 χ^2/NDF : 331688246.3/21

In: -0.318+/-0.000 χ^2/NDF :180713679.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.305+/-0.000 χ^2/NDF : 331688246.3/21

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 17384.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.086+/-0.000 χ^2/NDF : 33266.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

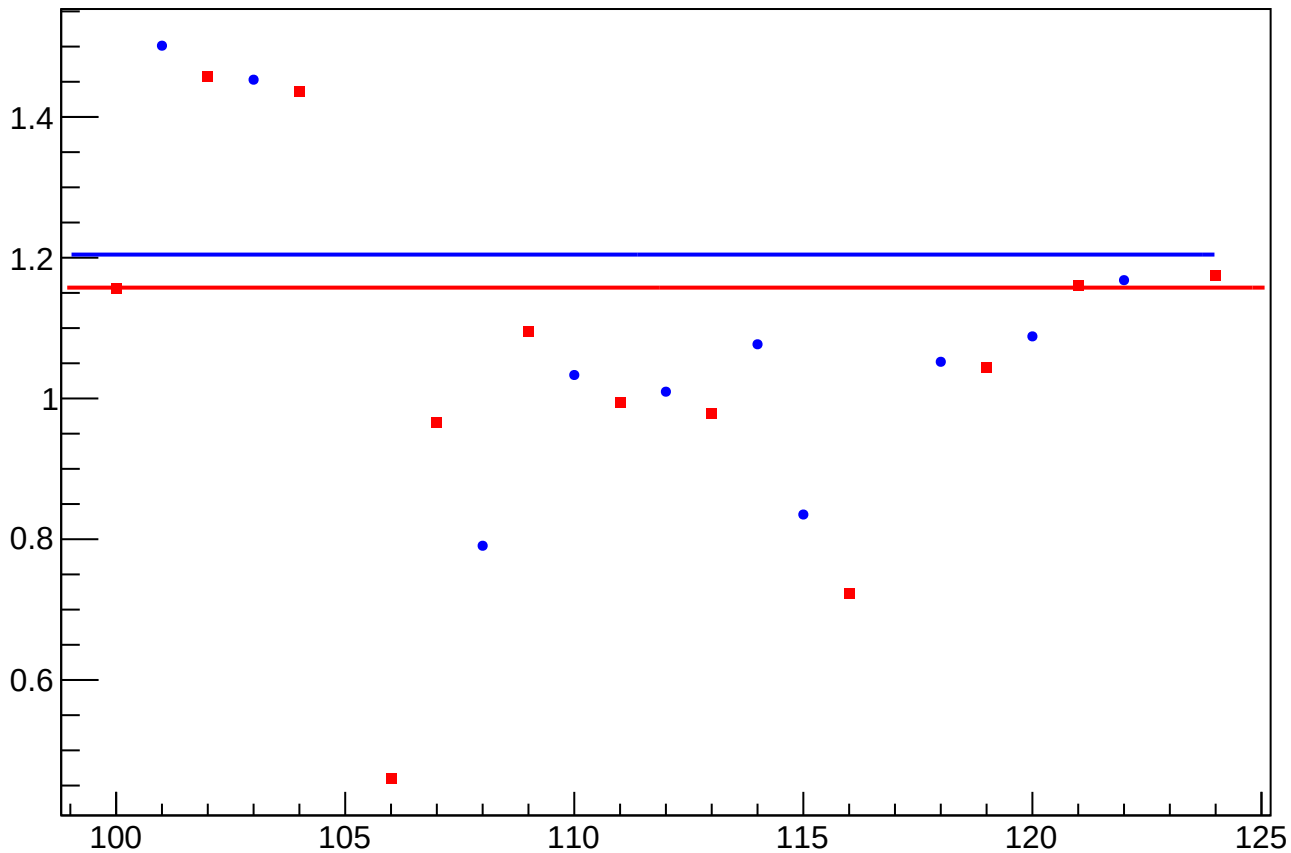
Right: 0.086+/-0.000 χ^2/NDF : 50753.7/21

In: 0.087+/-0.000 χ^2/NDF : 17384.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.000 χ^2/NDF : 50753.7/21

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.204+/-0.000 χ^2/NDF : 1053076525.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.158+/-0.000 χ^2/NDF : 1403523500.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

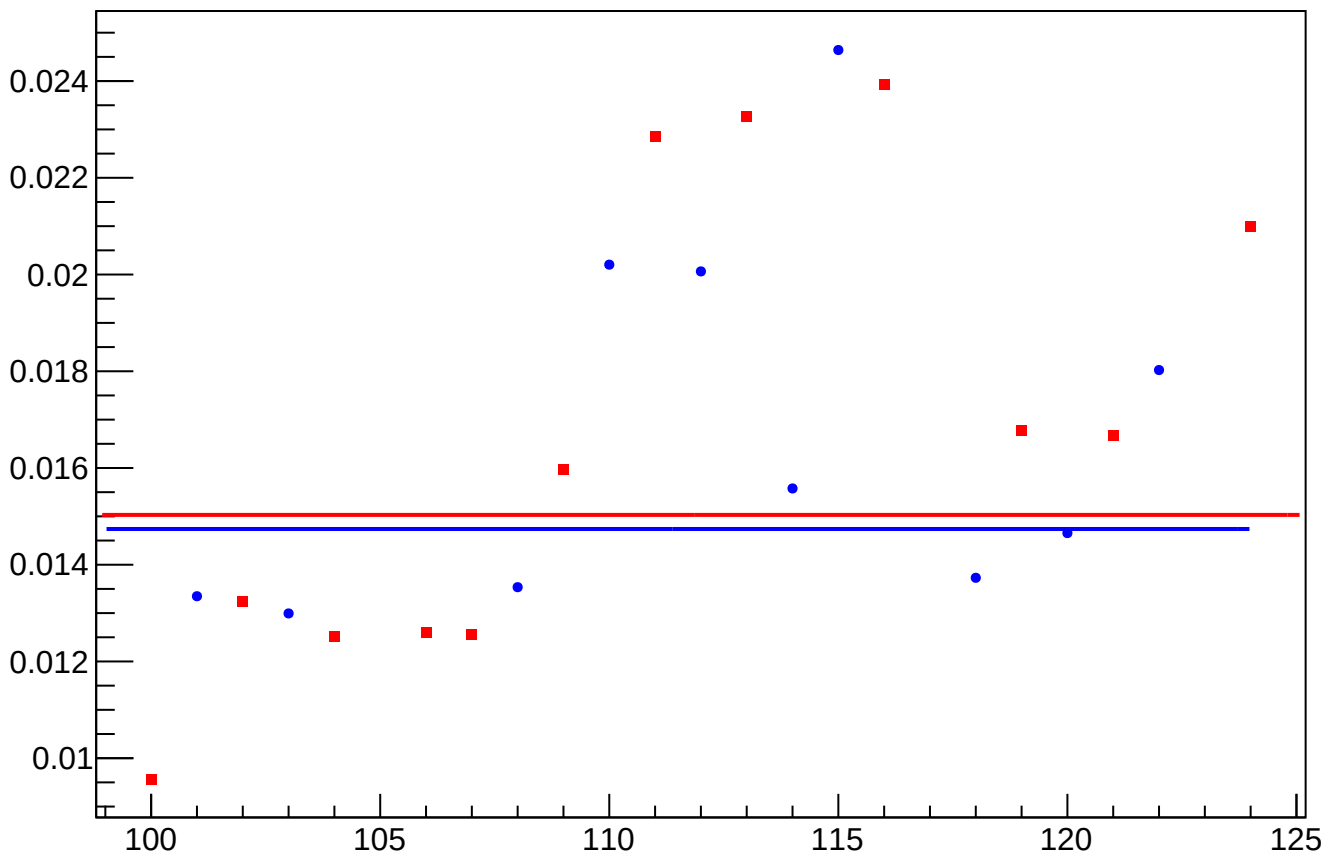
Right: 1.180+/-0.000 χ^2/NDF : 2475682398.9/21

In: 1.204+/-0.000 χ^2/NDF : 1053076525.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.180+/-0.000 χ^2/NDF : 2475682398.9/21

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 219638.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 452983.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

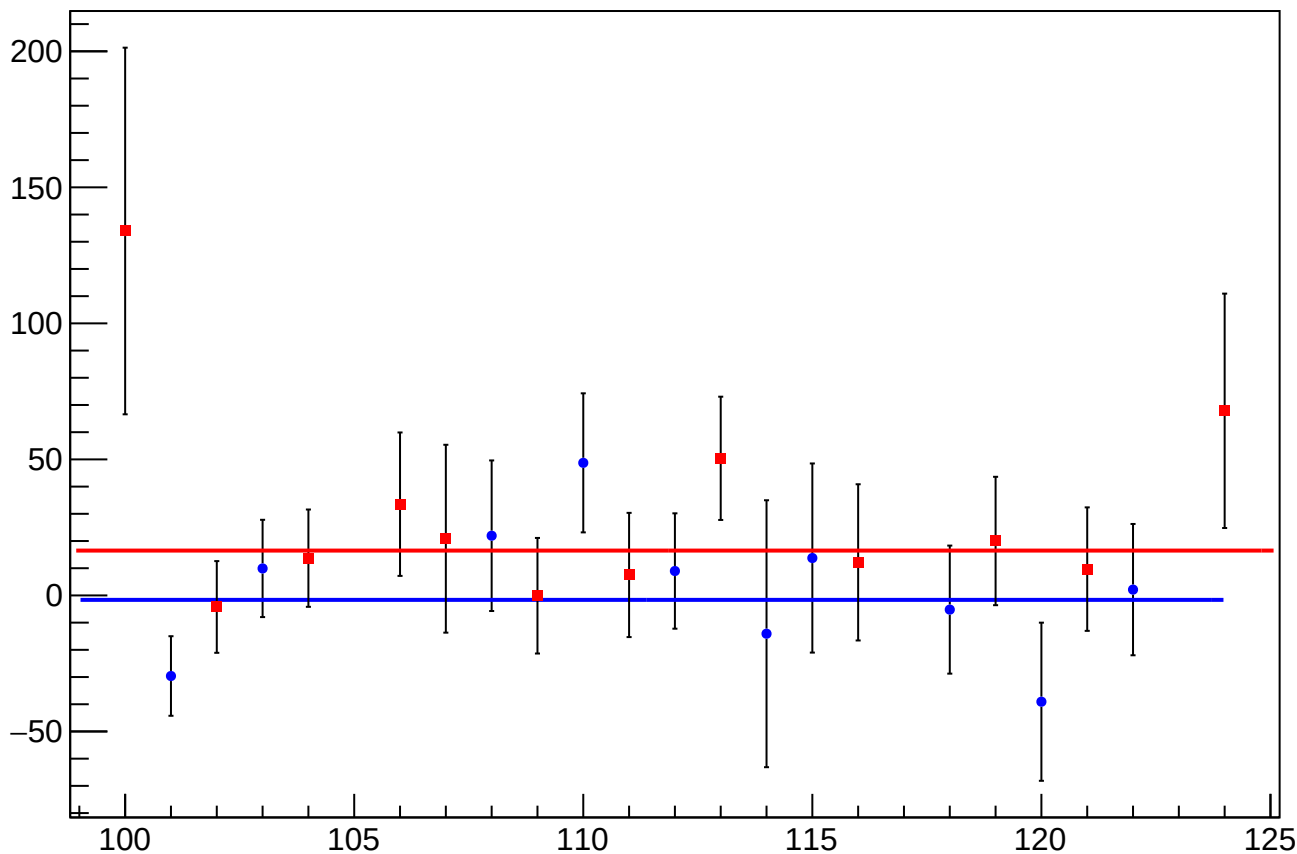
Right: 0.015+/-0.000 χ^2/NDF : 674090.9/21

In: 0.015+/-0.000 χ^2/NDF : 219638.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 674090.9/21

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -1.635+/-7.290 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.485+/-6.948 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

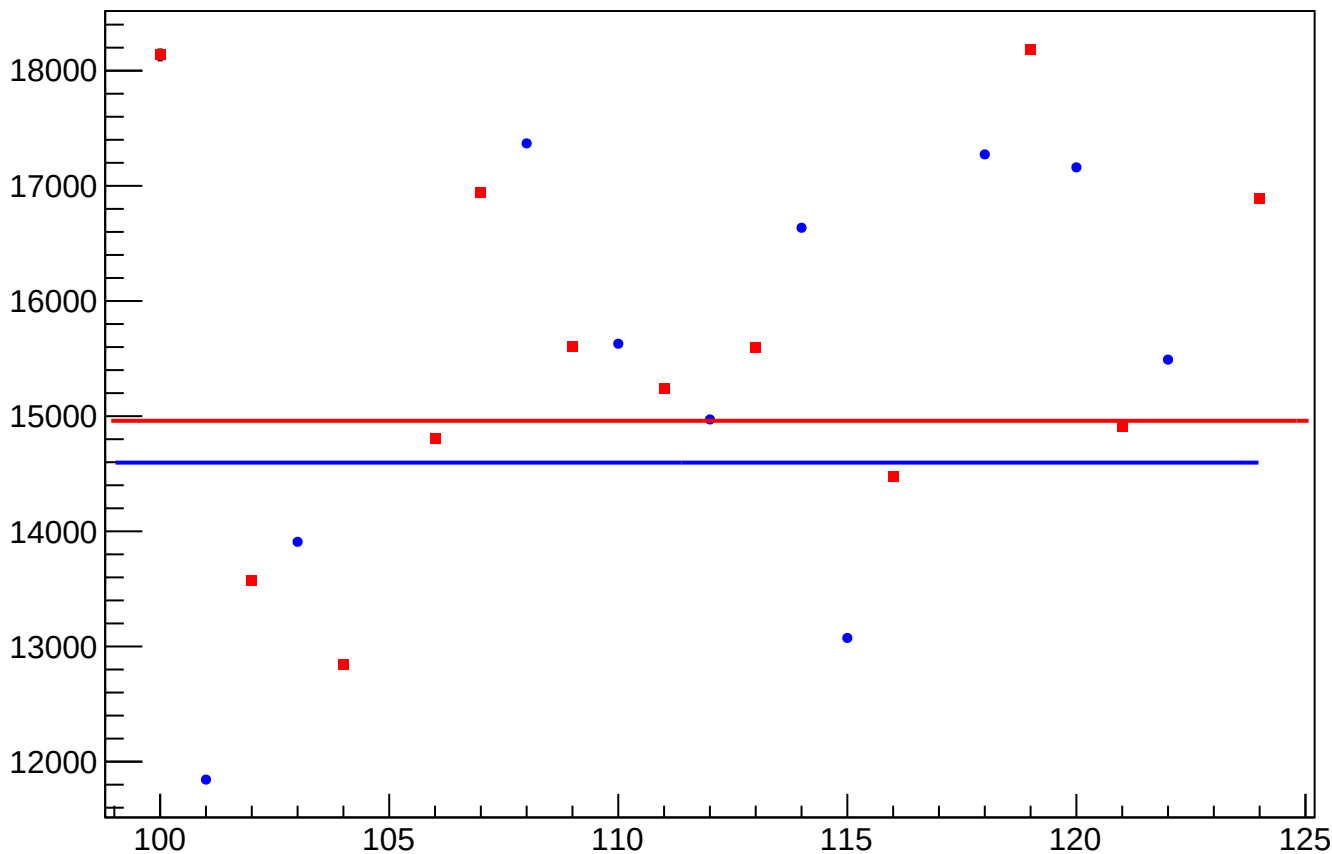
Right: 7.861+/-5.029 χ^2/NDF : 23.7/21

In: -1.635+/-7.290 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.861+/-5.029 χ^2/NDF : 23.7/21

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14596.745+/-5.155 χ^2/NDF : 149257.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14959.928+/-4.913 χ^2/NDF : 98229.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

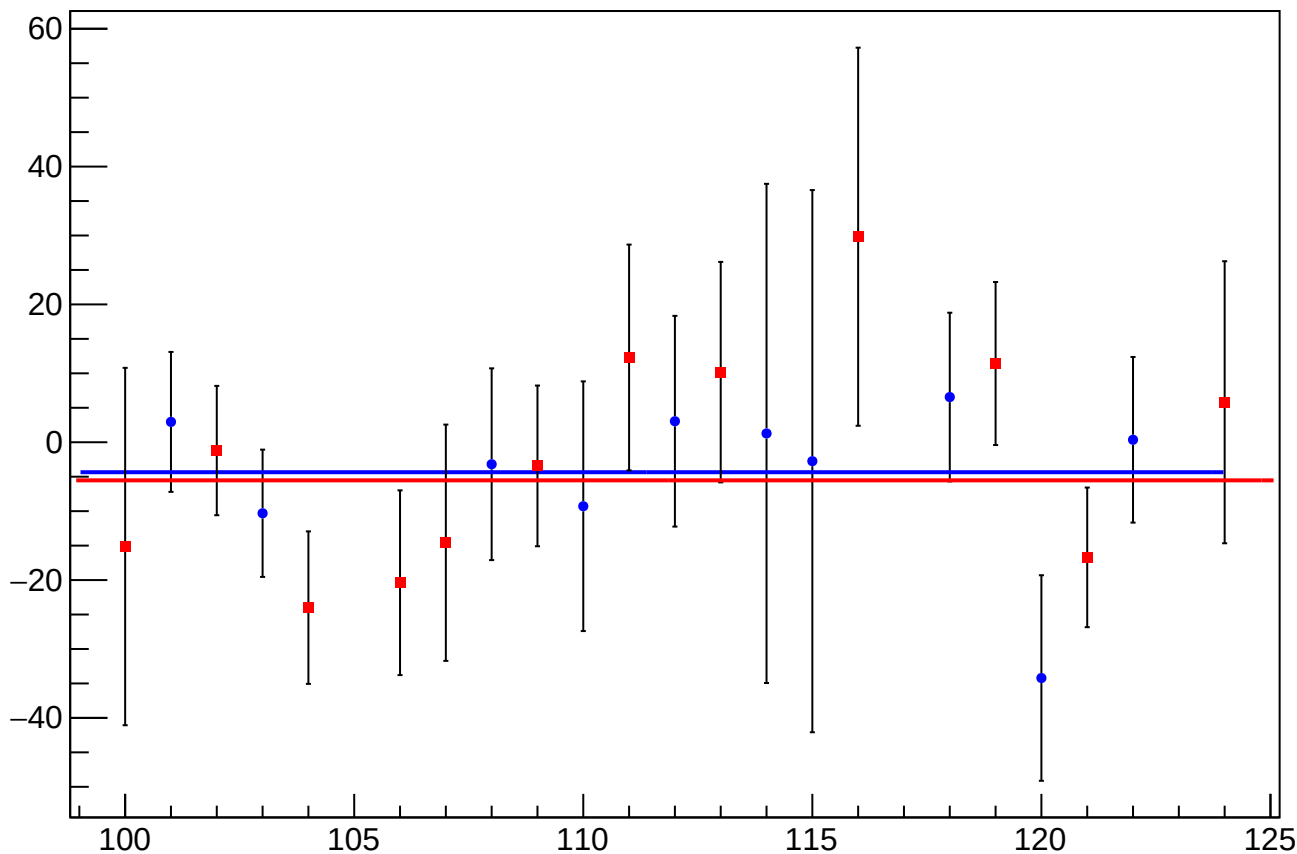
Right: 14787.075+/-3.556 χ^2/NDF : 250088.3/21

In: 14596.745+/-5.155 χ^2/NDF : 149257.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14787.075+/-3.556 χ^2/NDF : 250088.3/21

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.349 ± 4.326 χ^2/NDF : 6.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.530 ± 3.905 χ^2/NDF : 12.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

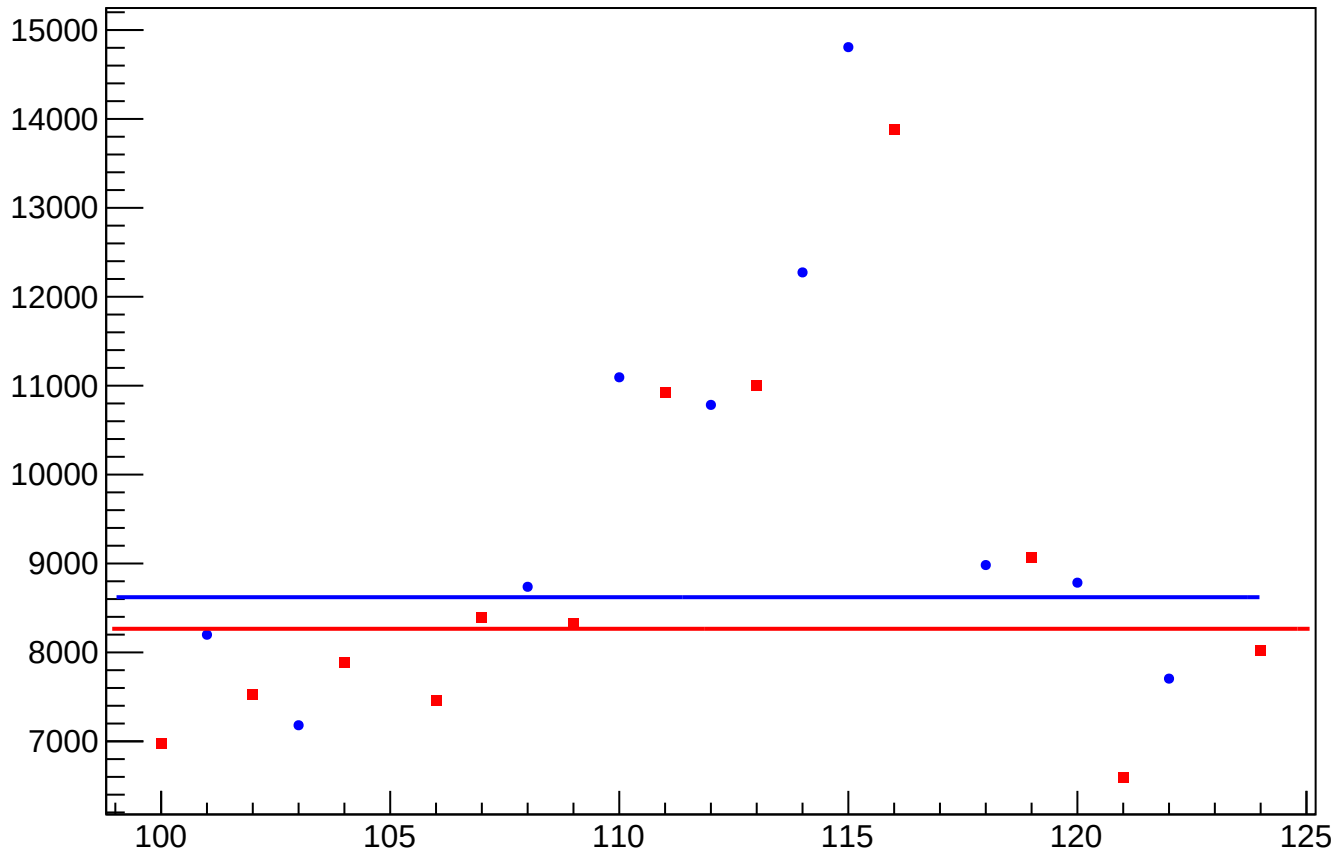
Right: -5.000 ± 2.899 χ^2/NDF : 18.3/21

In: -4.349 ± 4.326 χ^2/NDF : 6.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.000 ± 2.899 χ^2/NDF : 18.3/21

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8620.949+/-3.059 χ^2/NDF : 212956.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8265.666+/-2.761 χ^2/NDF : 285250.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

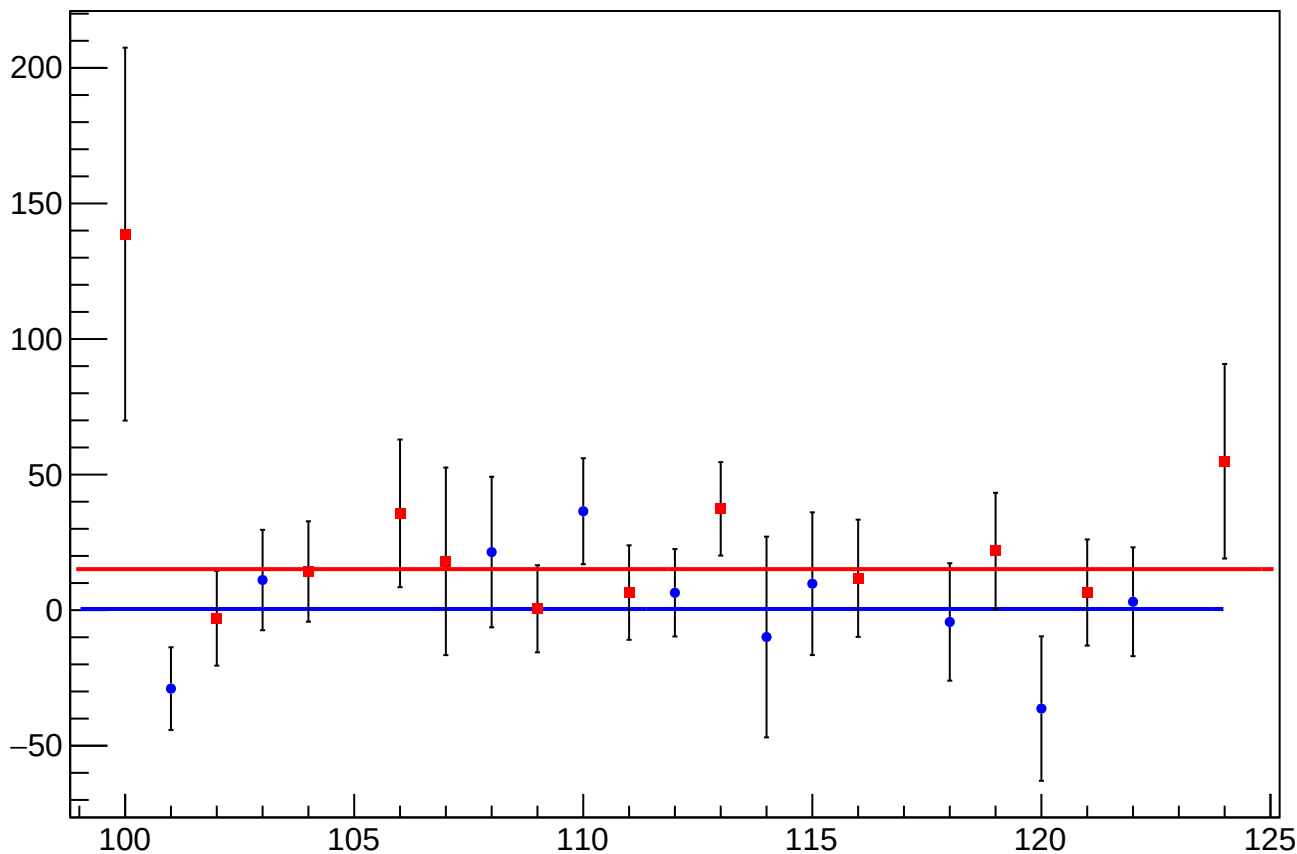
Right: 8425.168+/-2.050 χ^2/NDF : 505638.5/21

In: 8620.949+/-3.059 χ^2/NDF : 212956.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8425.168+/-2.050 χ^2/NDF : 505638.5/21

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.431+/-6.568 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.137+/-6.104 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

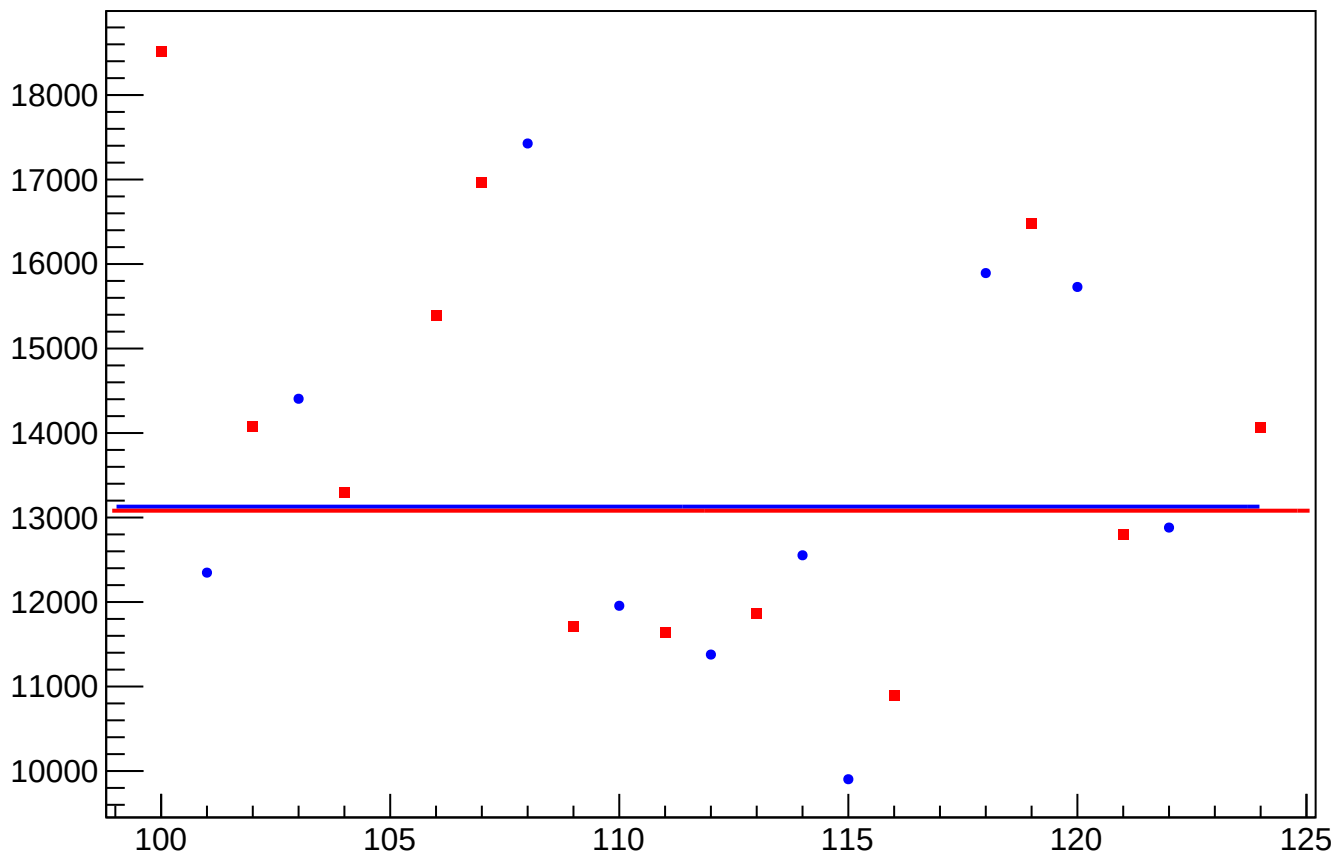
Right: 8.322+/-4.471 χ^2/NDF : 22.2/21

In: 0.431+/-6.568 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.322+/-4.471 χ^2/NDF : 22.2/21

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13128.582+/-4.644 χ^2/NDF : 175941.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13080.837+/-4.316 χ^2/NDF : 169990.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

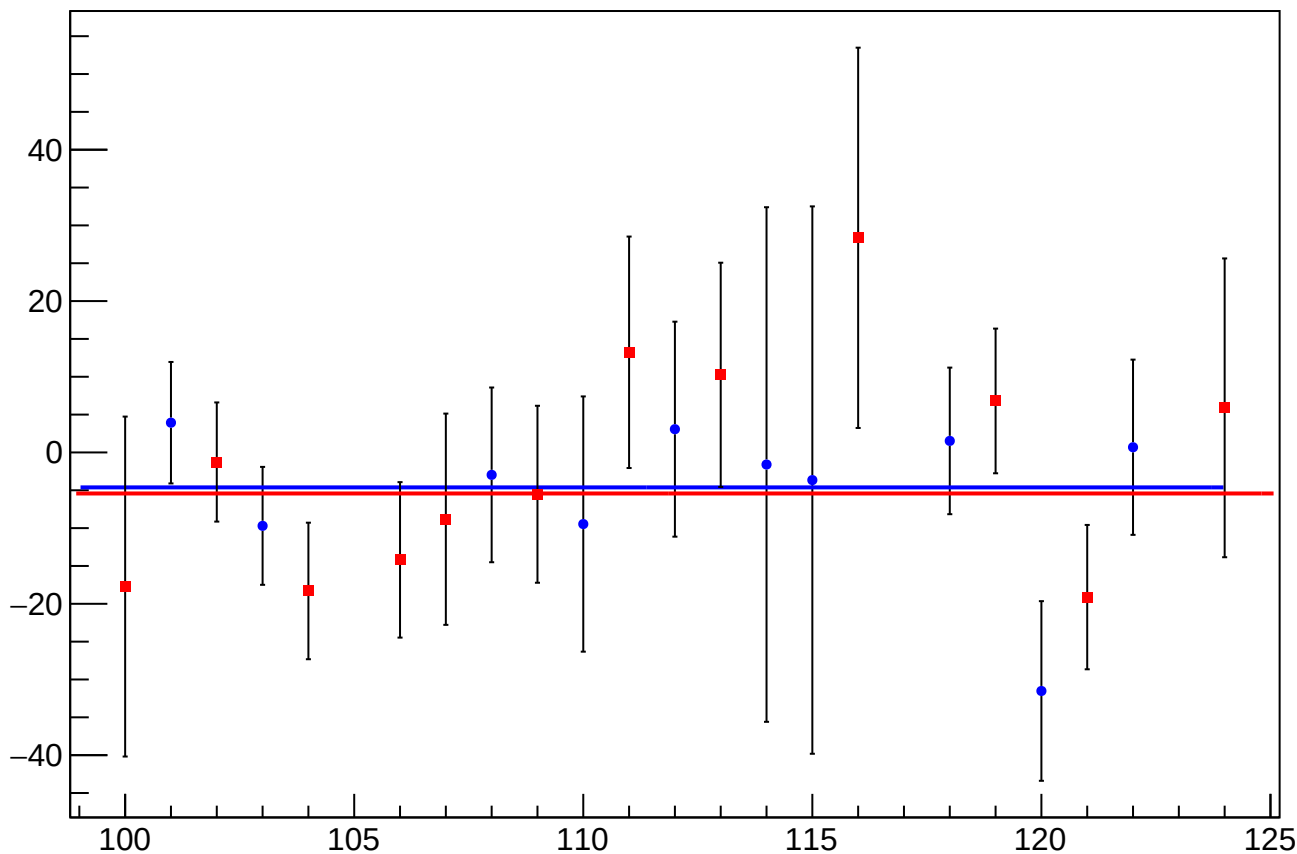
Right: 13102.965+/-3.162 χ^2/NDF : 345988.3/21

In: 13128.582+/-4.644 χ^2/NDF : 175941.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13102.965+/-3.162 χ^2/NDF : 345988.3/21

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.618 $\pm$ 3.656 χ^2 /NDF: 7.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.423 $\pm$ 3.385 χ^2 /NDF: 11.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

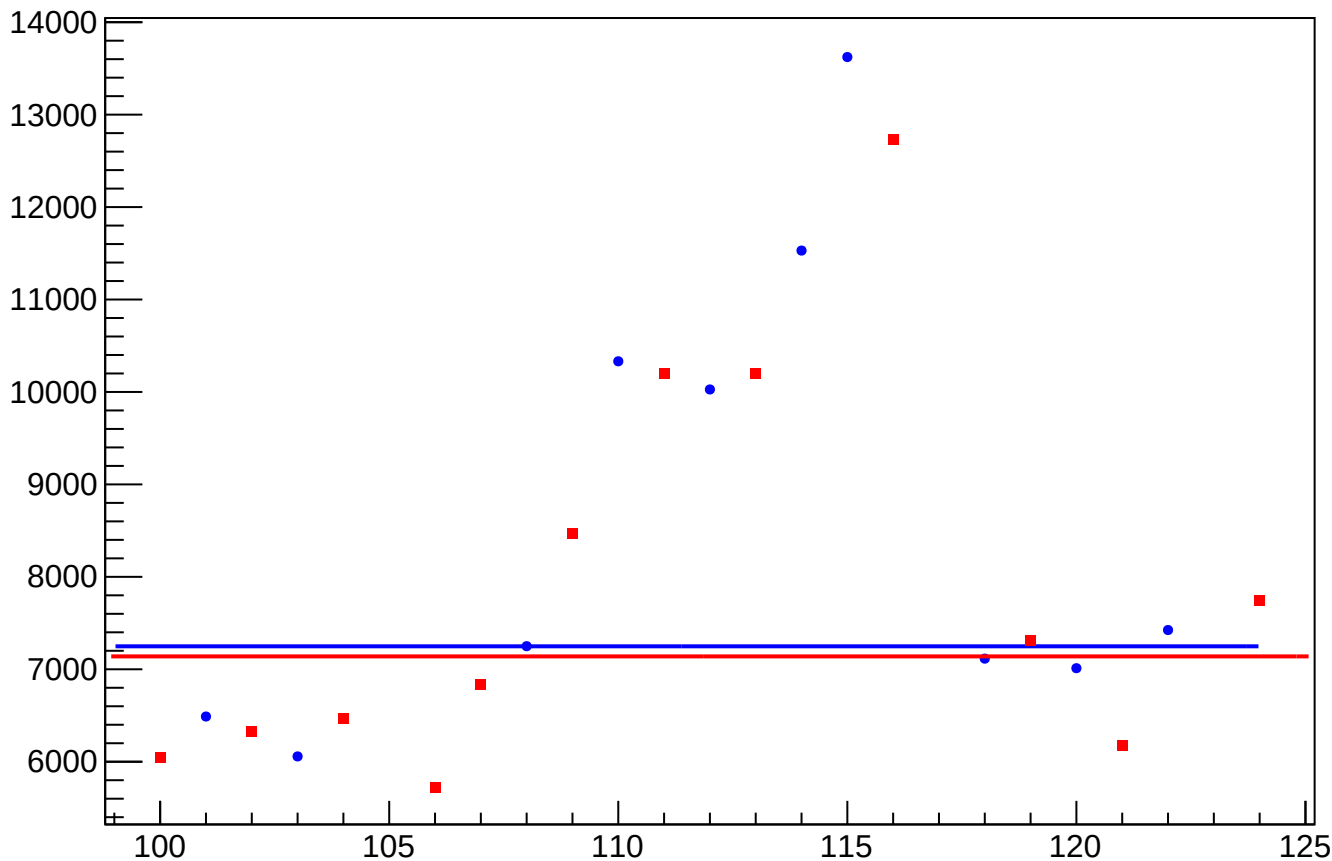
Right: -5.051 $\pm$ 2.484 χ^2 /NDF: 19.6/21

In: -4.618 $\pm$ 3.656 χ^2 /NDF:7.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.051 $\pm$ 2.484 χ^2 /NDF: 19.6/21

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7248.541+/-2.585 χ^2/NDF : 303540.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7139.450+/-2.394 χ^2/NDF : 388742.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

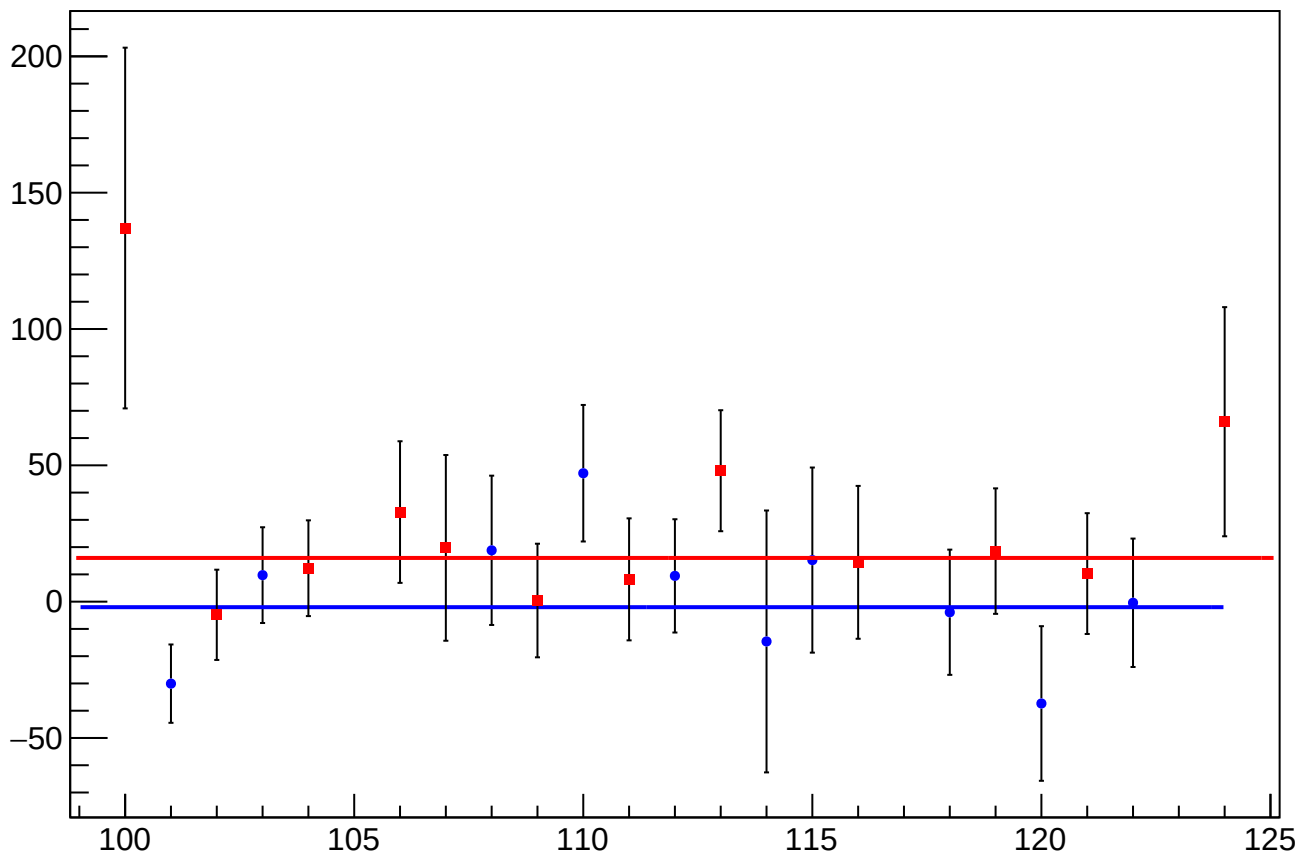
Right: 7189.816+/-1.756 χ^2/NDF : 693242.3/21

In: 7248.541+/-2.585 χ^2/NDF : 303540.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7189.816+/-1.756 χ^2/NDF : 693242.3/21

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -2.025+/-7.147 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.033+/-6.810 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

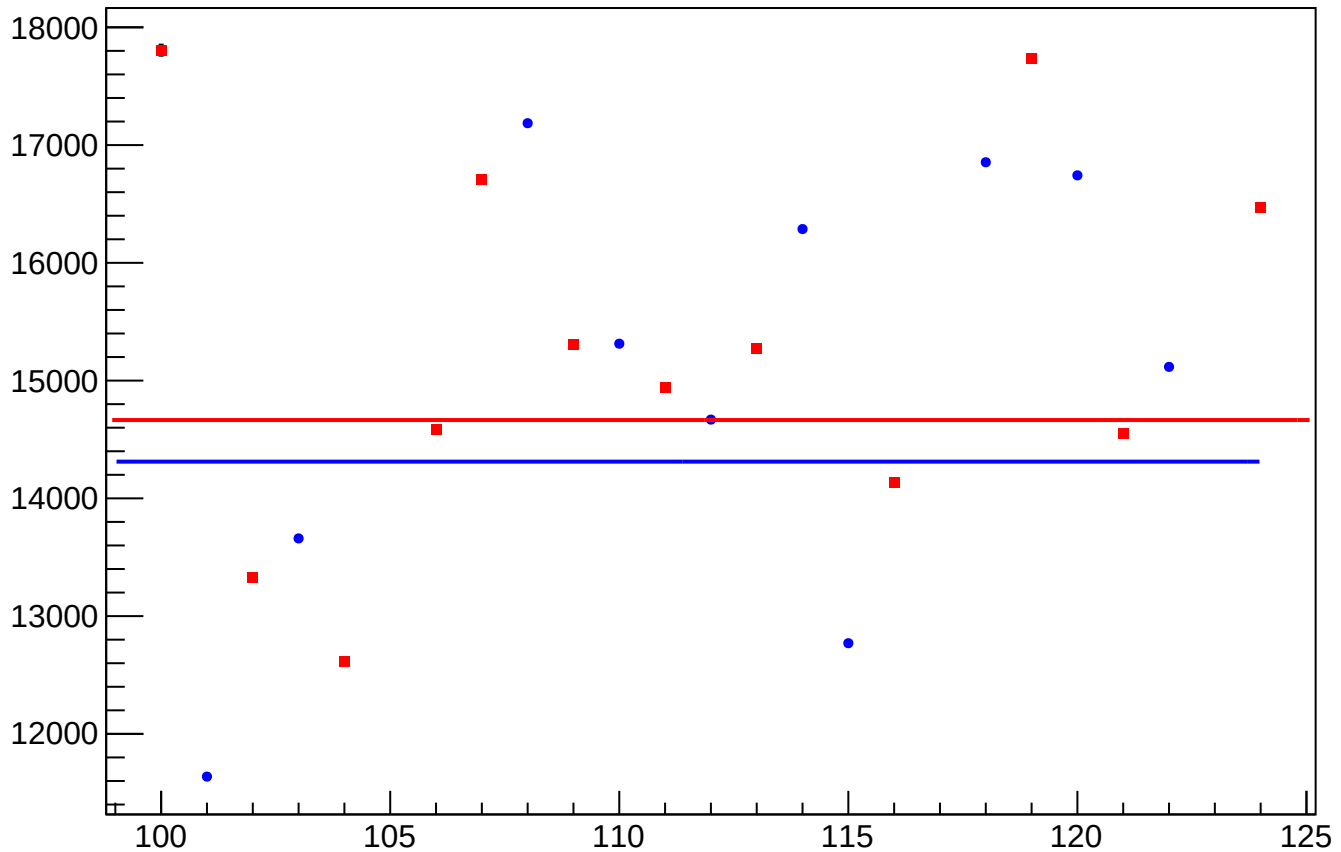
Right: 7.440+/-4.930 χ^2/NDF : 23.9/21

In: -2.025+/-7.147 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.440+/-4.930 χ^2/NDF : 23.9/21

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14311.952+/-5.054 χ^2/NDF : 146948.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14665.182+/-4.815 χ^2/NDF : 95900.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

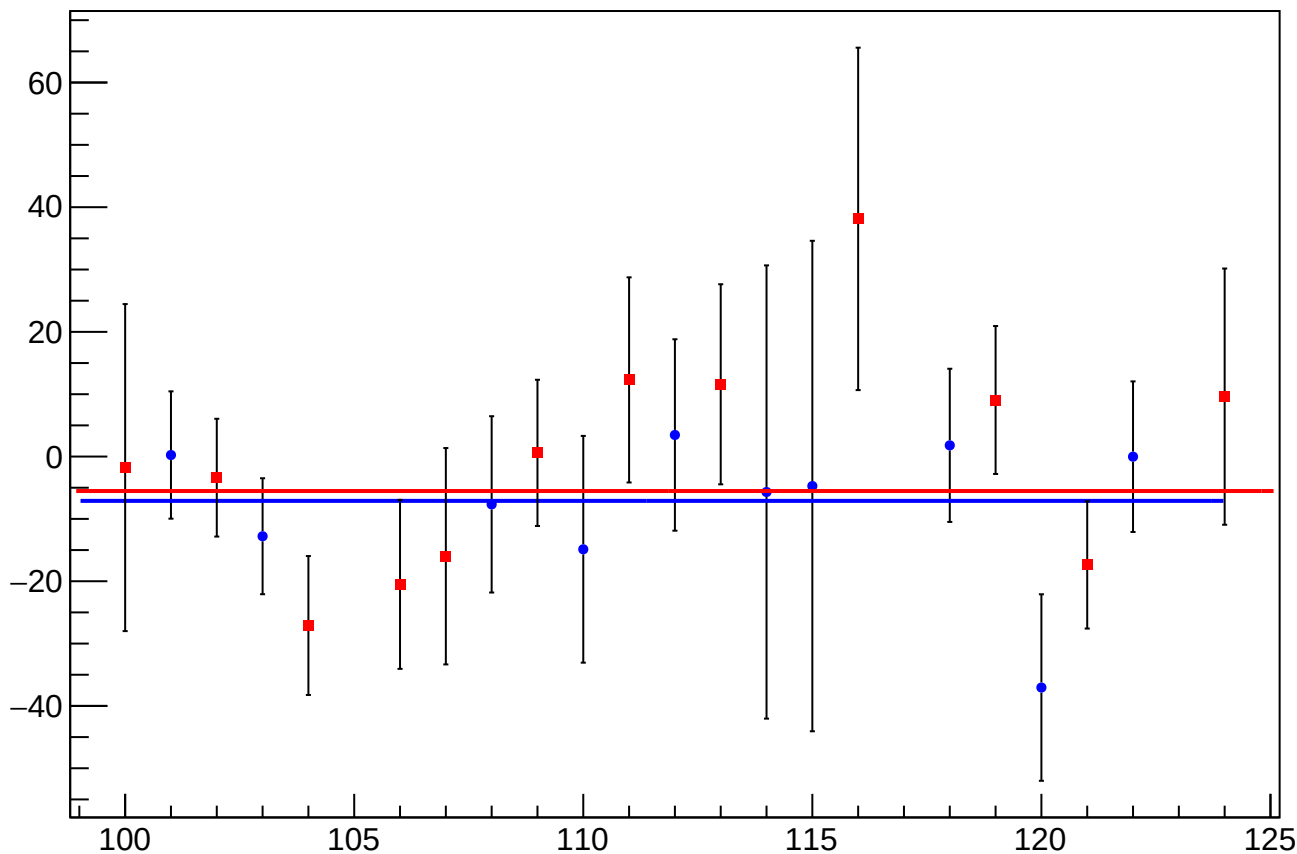
Right: 14497.095+/-3.486 χ^2/NDF : 245409.4/21

In: 14311.952+/-5.054 χ^2/NDF : 146948.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14497.095+/-3.486 χ^2/NDF : 245409.4/21

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -7.110+/-4.354 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.528+/-3.931 χ^2/NDF : 13.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

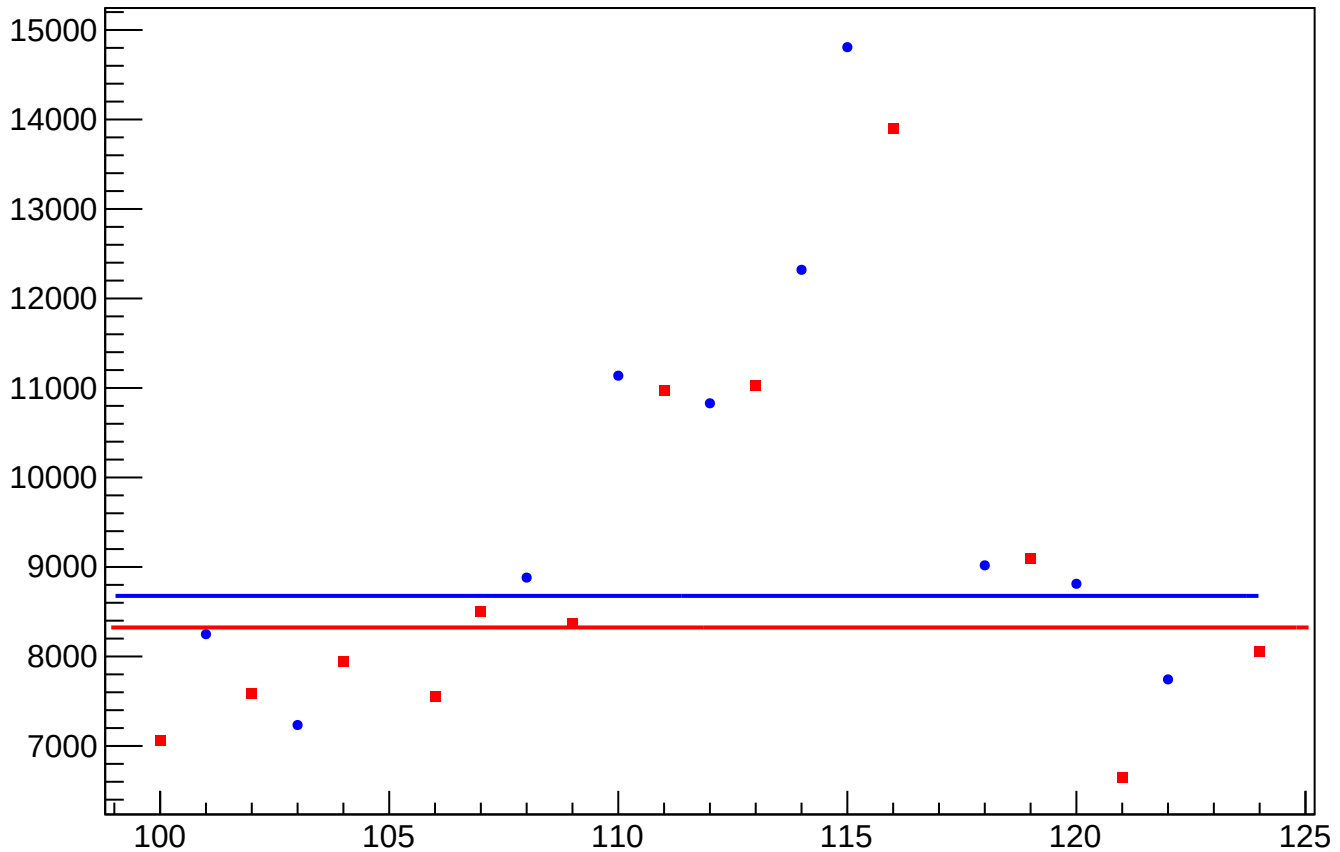
Right: -6.238+/-2.918 χ^2/NDF : 20.4/21

In: -7.110+/-4.354 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.238+/-2.918 χ^2/NDF : 20.4/21

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8676.934+/-3.078 χ^2/NDF : 210245.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8324.228+/-2.780 χ^2/NDF : 279545.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

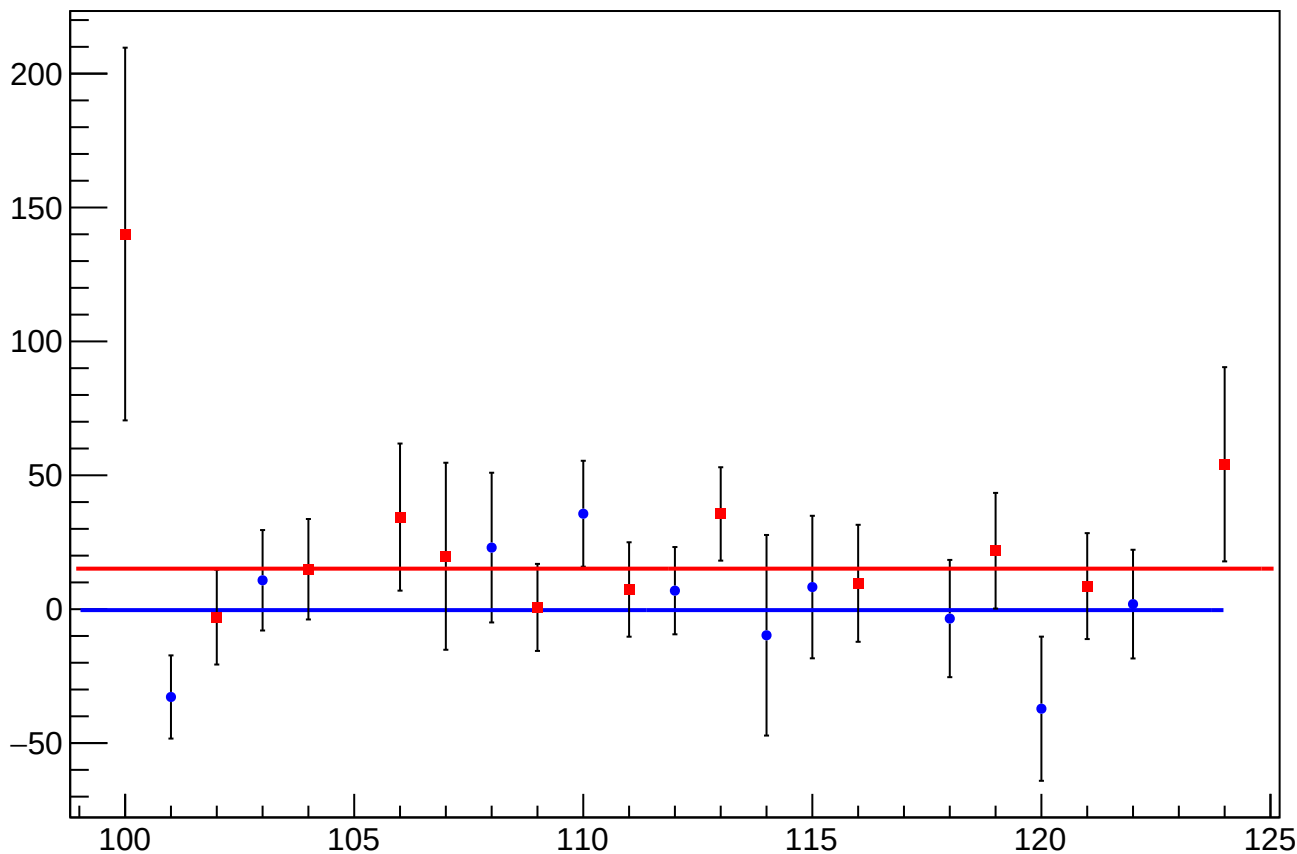
Right: 8482.641+/-2.063 χ^2/NDF : 497021.8/21

In: 8676.934+/-3.078 χ^2/NDF : 210245.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8482.641+/-2.063 χ^2/NDF : 497021.8/21

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.347 ± 6.651 $\chi^2/\text{NDF}: 11.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.139 ± 6.174 $\chi^2/\text{NDF}: 8.6/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

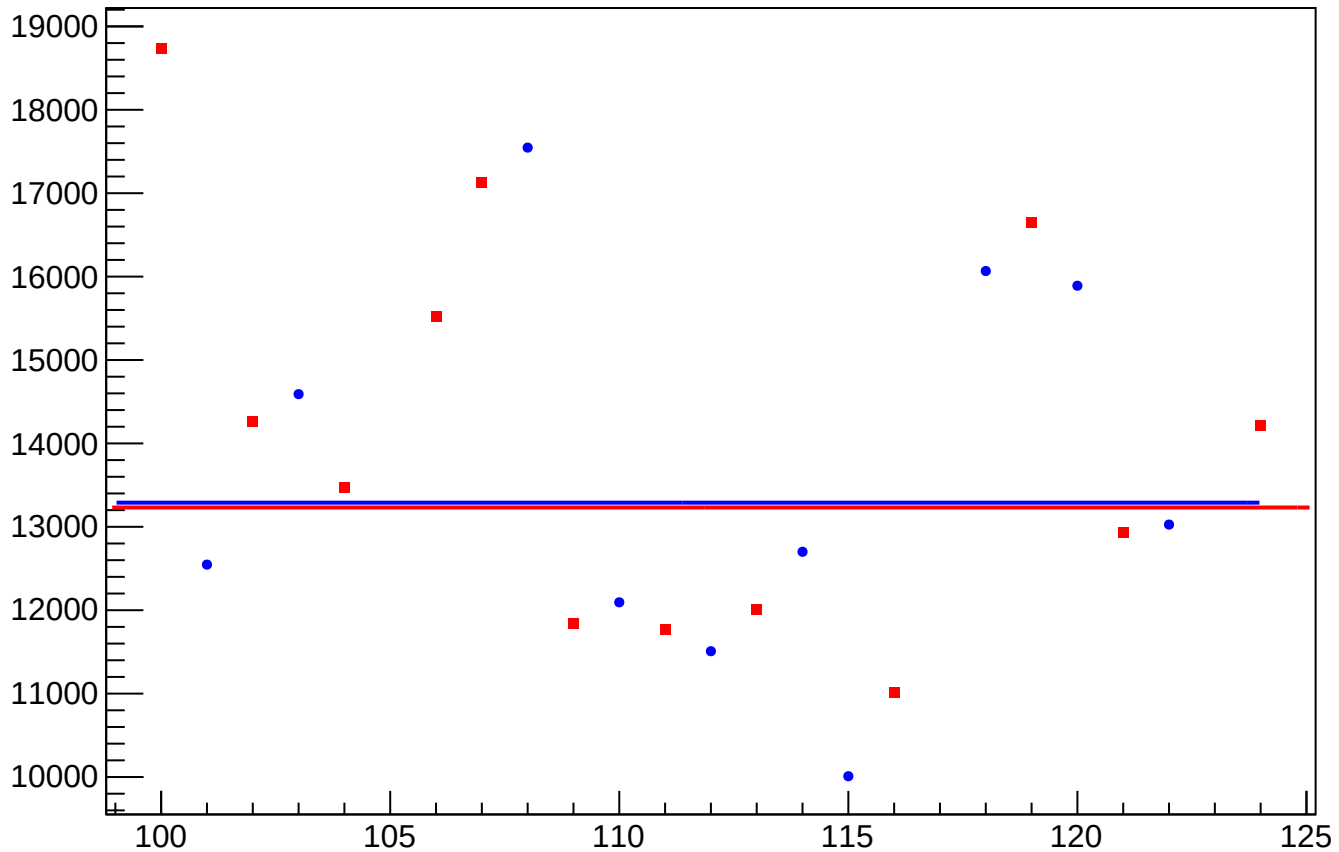
Right: 7.971 ± 4.525 $\chi^2/\text{NDF}: 22.5/21$

In: -0.347 ± 6.651 $\chi^2/\text{NDF}: 11.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 7.971 ± 4.525 $\chi^2/\text{NDF}: 22.5/21$

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13289.714+/-4.703 χ^2/NDF : 173851.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13231.568+/-4.366 χ^2/NDF : 169275.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

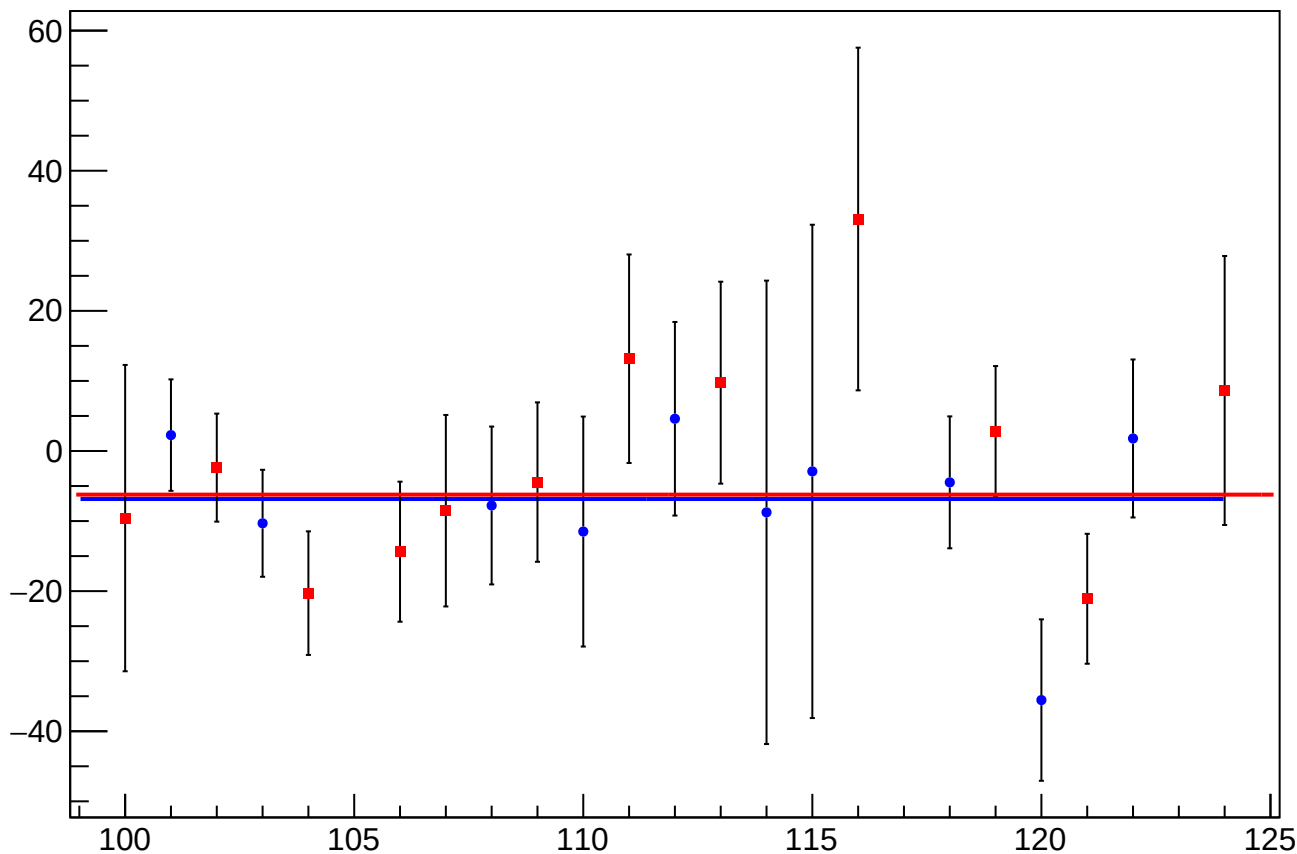
Right: 13258.484+/-3.200 χ^2/NDF : 343208.7/21

In: 13289.714+/-4.703 χ^2/NDF : 173851.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13258.484+/-3.200 χ^2/NDF : 343208.7/21

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -6.849+/-3.576 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.227+/-3.300 χ^2/NDF : 13.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

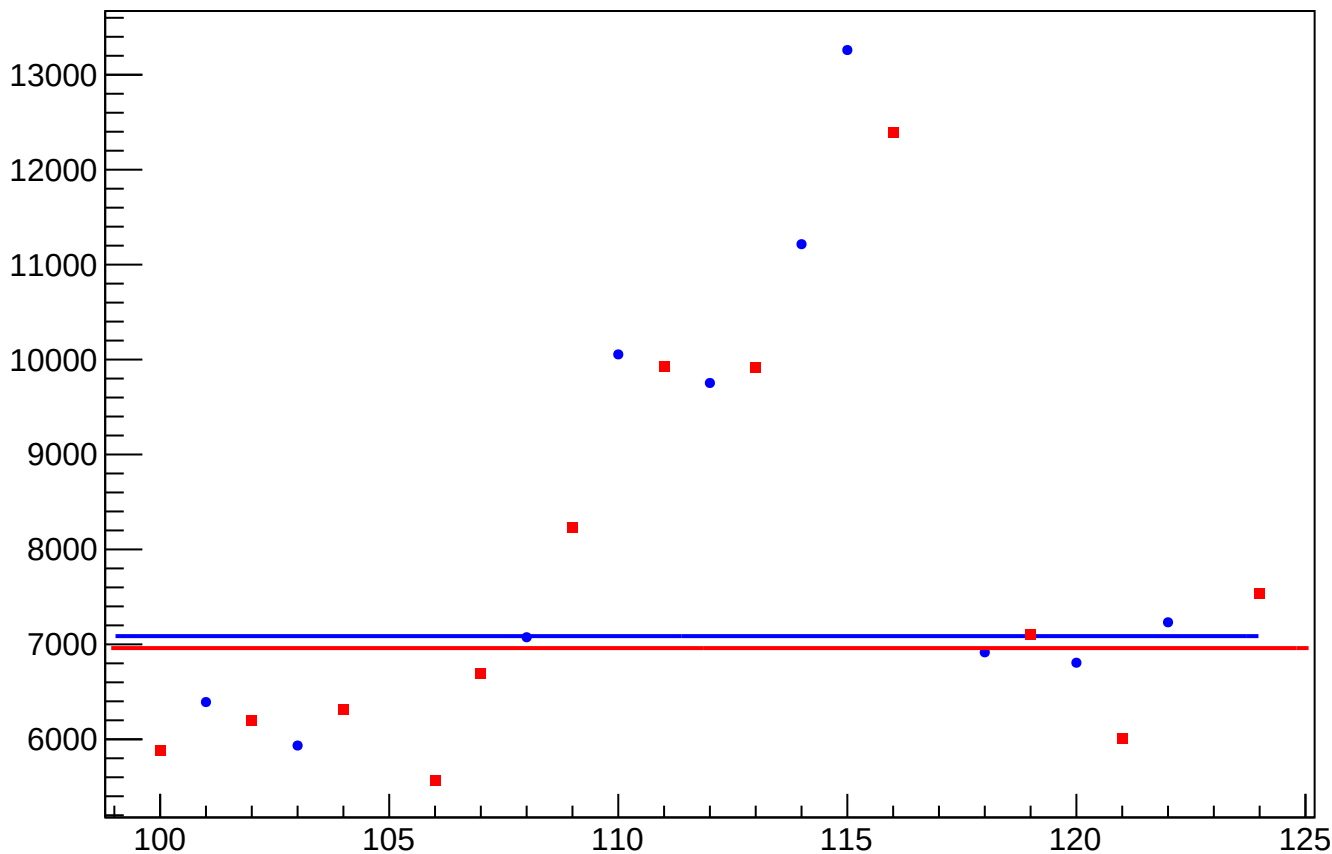
Right: -6.513+/-2.425 χ^2/NDF : 22.4/21

In: -6.849+/-3.576 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.513+/-2.425 χ^2/NDF : 22.4/21

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7086.773+/-2.529 χ^2/NDF : 295613.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6960.674+/-2.334 χ^2/NDF : 385042.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

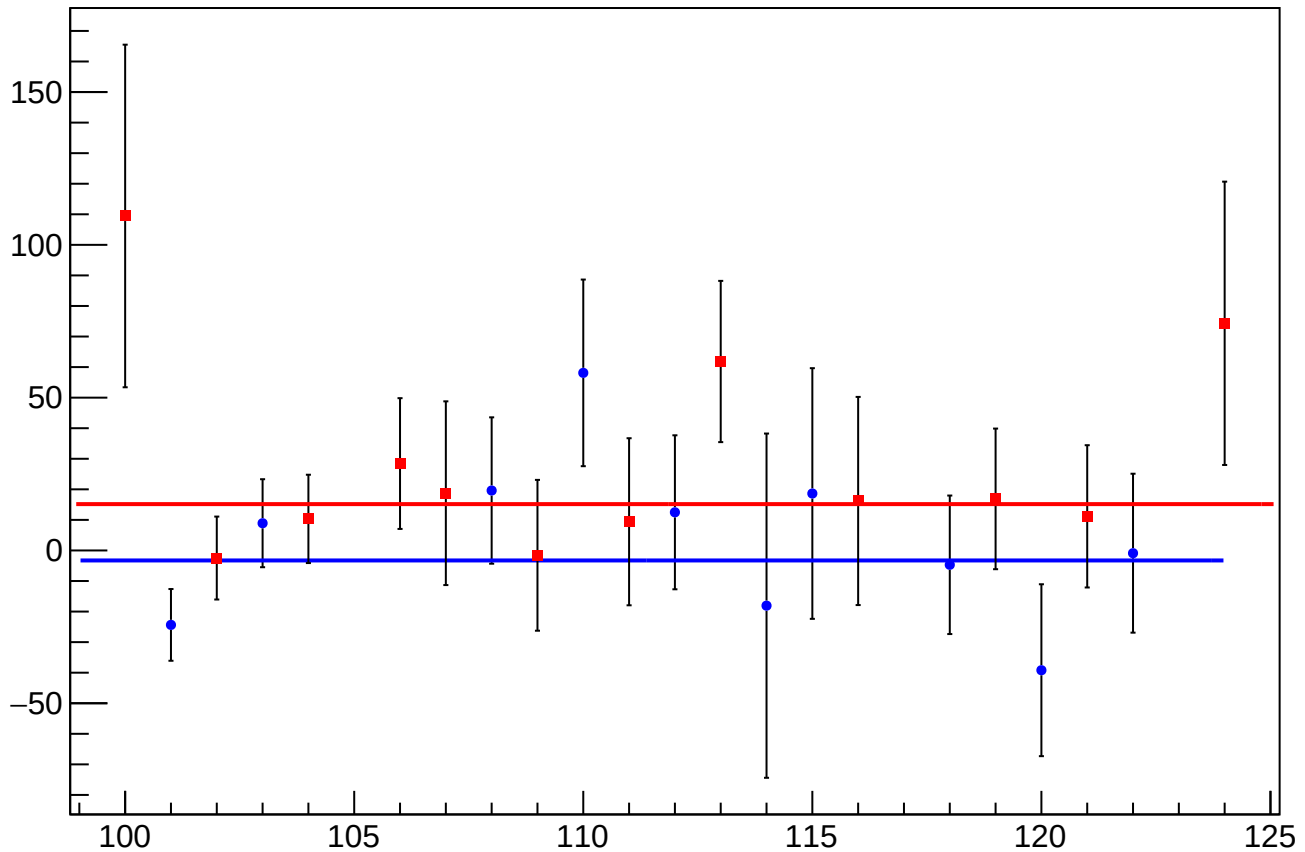
Right: 7018.676+/-1.715 χ^2/NDF : 681999.2/21

In: 7086.773+/-2.529 χ^2/NDF : 295613.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7018.676+/-1.715 χ^2/NDF : 681999.2/21

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.273+/-6.731 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.164+/-6.550 χ^2/NDF : 10.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

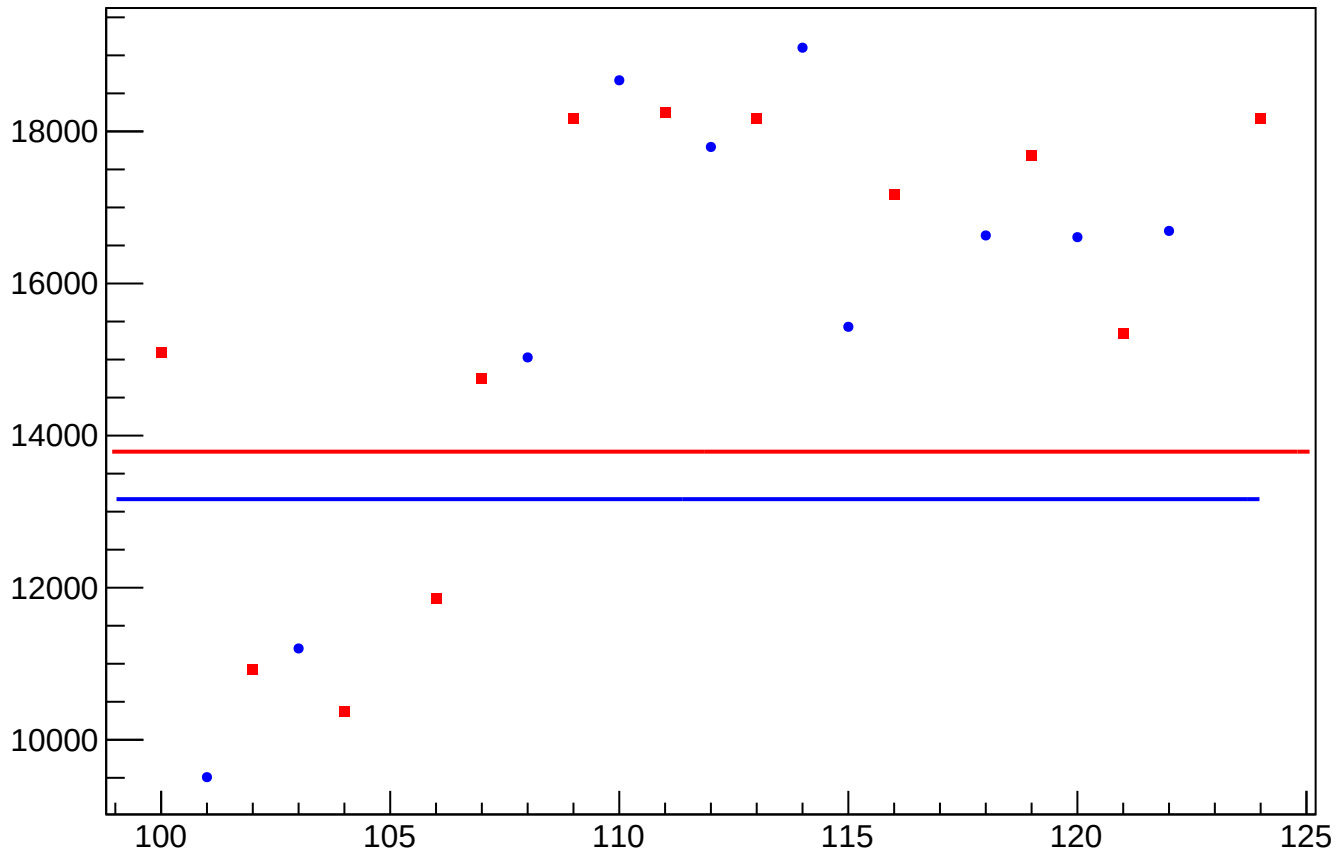
Right: 6.197+/-4.694 χ^2/NDF : 25.5/21

In: -3.273+/-6.731 χ^2/NDF :11.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.197+/-4.694 χ^2/NDF : 25.5/21

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 13164.300+/-4.760 χ^2/NDF : 517894.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13788.871+/-4.632 χ^2/NDF : 495121.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

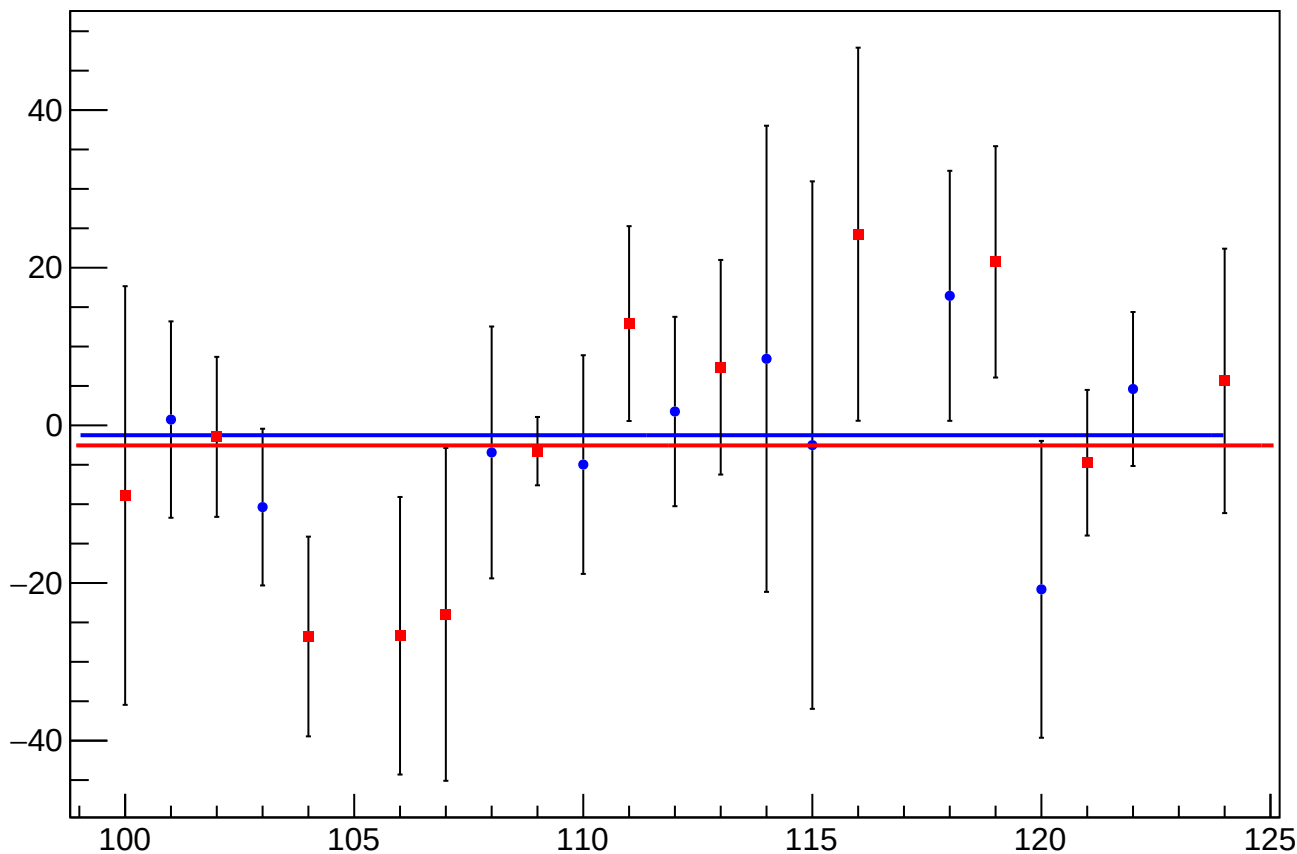
Right: 13485.098+/-3.319 χ^2/NDF : 1021861.1/21

In: 13164.300+/-4.760 χ^2/NDF : 517894.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13485.098+/-3.319 χ^2/NDF : 1021861.1/21

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -1.250 ± 4.389 χ^2/NDF : 3.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.545 ± 3.020 χ^2/NDF : 12.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

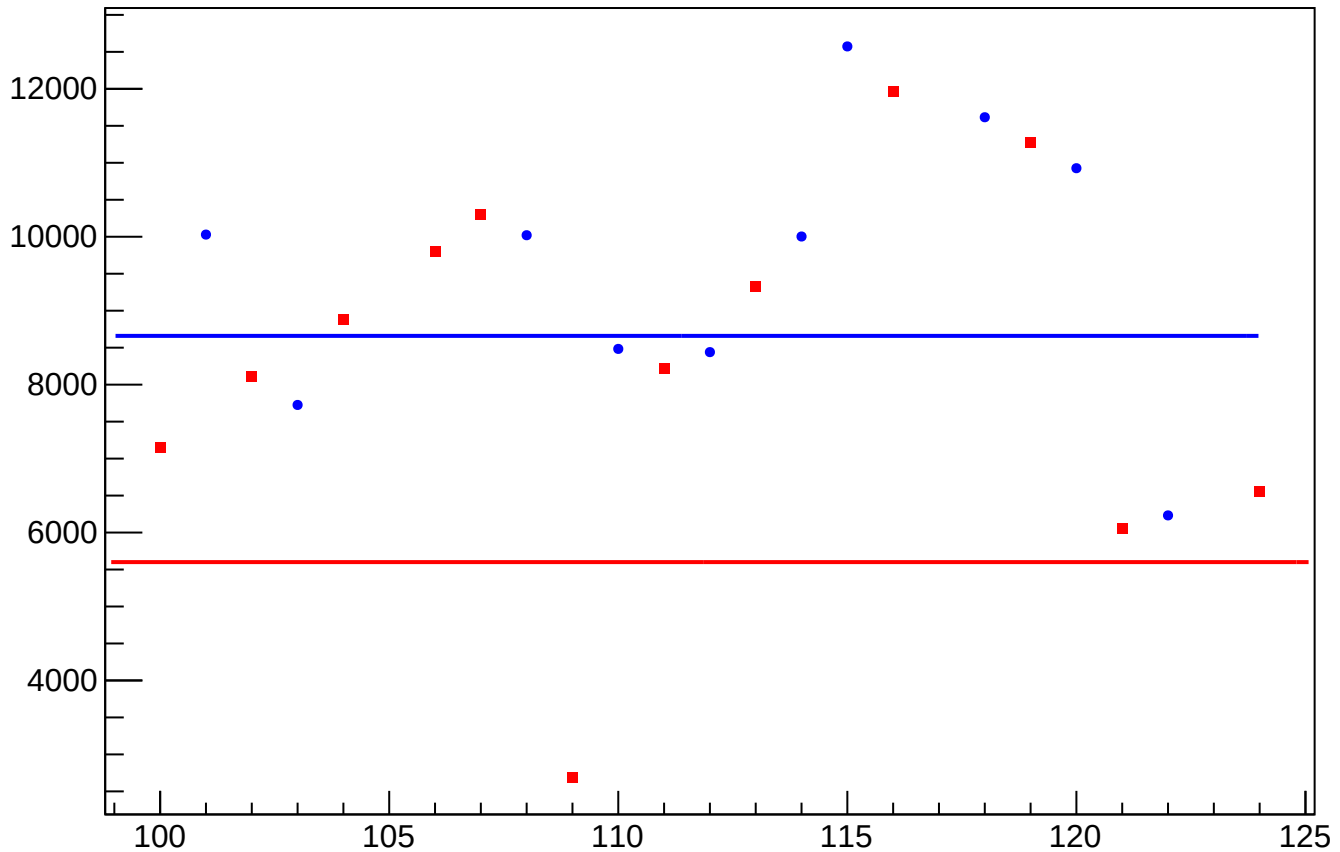
Right: -2.129 ± 2.488 χ^2/NDF : 16.7/21

In: -1.250 ± 4.389 χ^2/NDF : 3.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.129 ± 2.488 χ^2/NDF : 16.7/21

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8659.534+/-3.103 χ^2/NDF : 310862.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5600.369+/-2.135 χ^2/NDF : 2075247.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

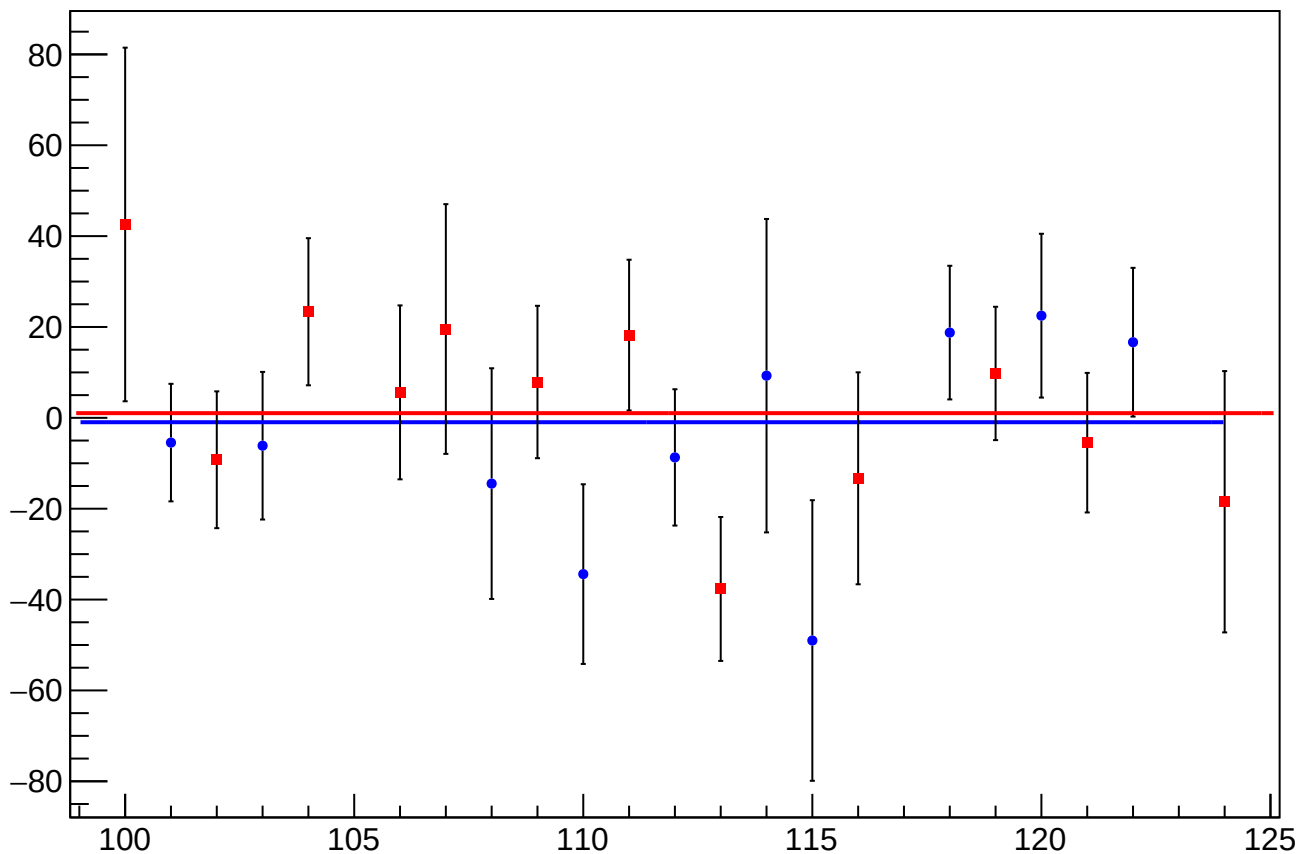
Right: 6583.517+/-1.759 χ^2/NDF : 3045623.6/21

In: 8659.534+/-3.103 χ^2/NDF : 310862.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6583.517+/-1.759 χ^2/NDF : 3045623.6/21

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -0.964+/-5.622 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.033+/-5.268 χ^2/NDF : 12.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

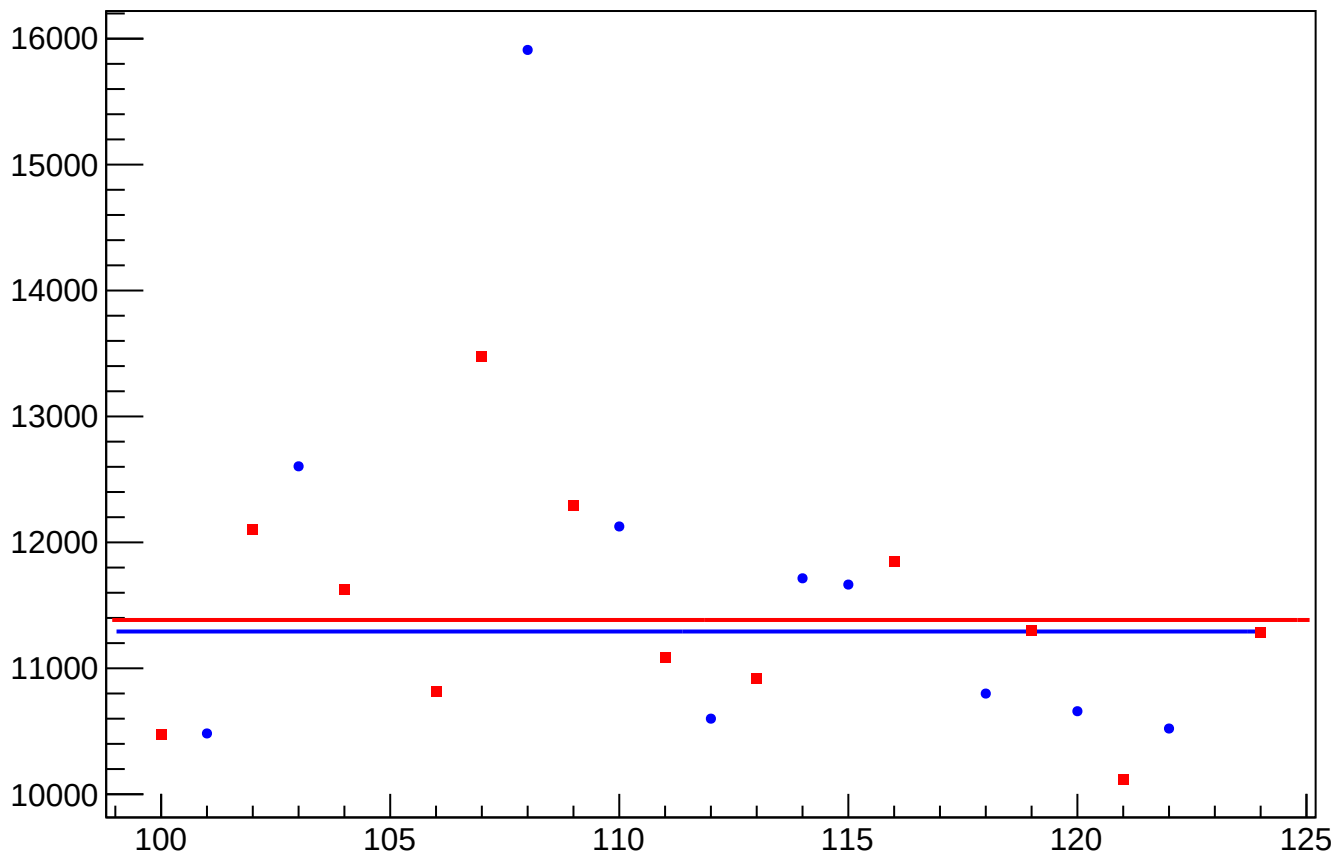
Right: 0.099+/-3.844 χ^2/NDF : 23.4/21

In: -0.964+/-5.622 χ^2/NDF :10.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.099+/-3.844 χ^2/NDF : 23.4/21

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11292.308+/-3.976 χ^2/NDF : 104592.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11383.826+/-3.725 χ^2/NDF : 42159.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

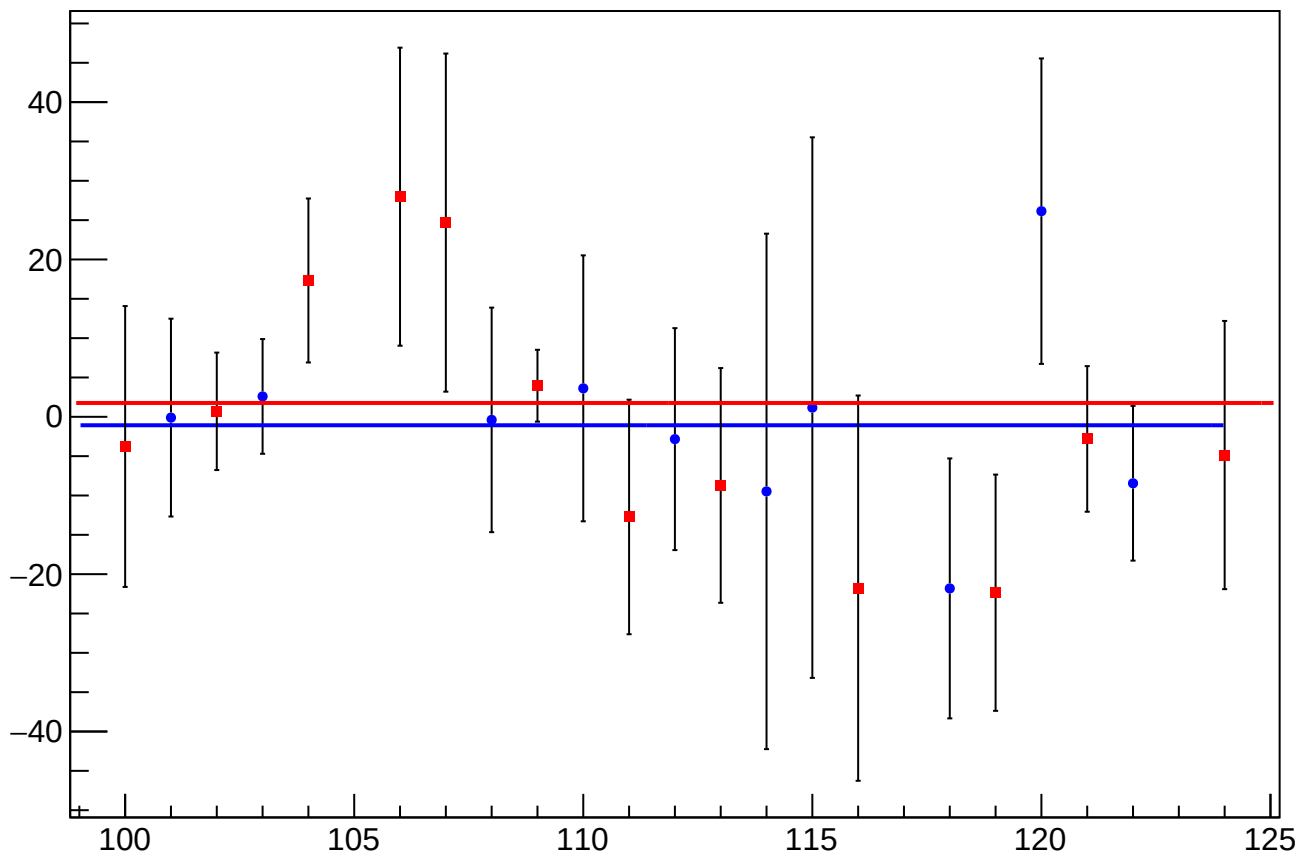
Right: 11341.044+/-2.718 χ^2/NDF : 147033.9/21

In: 11292.308+/-3.976 χ^2/NDF : 104592.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11341.044+/-2.718 χ^2/NDF : 147033.9/21

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -1.073+/-4.188 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.761+/-2.969 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

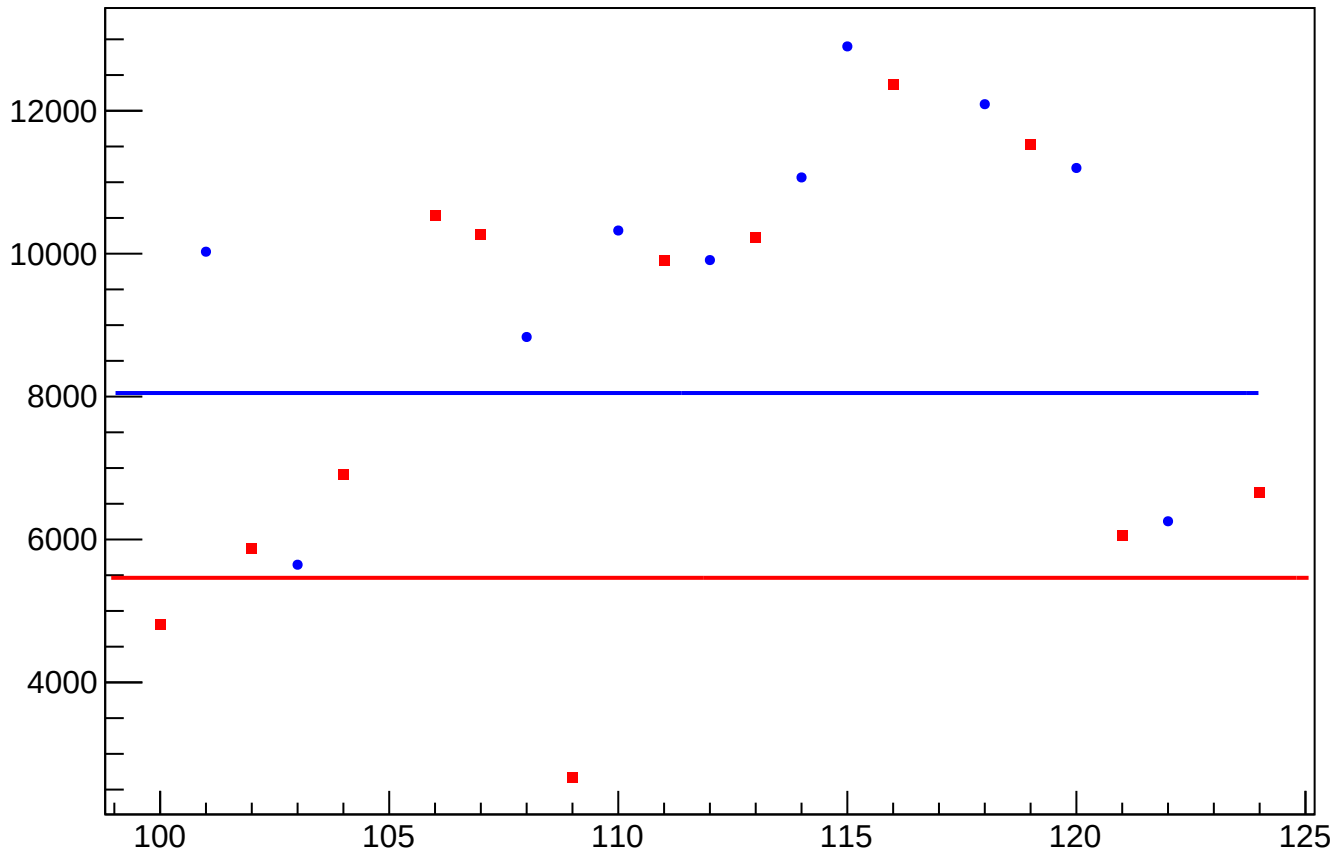
Right: 0.813+/-2.422 χ^2/NDF : 15.8/21

In: -1.073+/-4.188 χ^2/NDF :4.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.813+/-2.422 χ^2/NDF : 15.8/21

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8049.956+/-2.961 χ^2/NDF : 639596.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5463.635+/-2.100 χ^2/NDF : 1925329.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

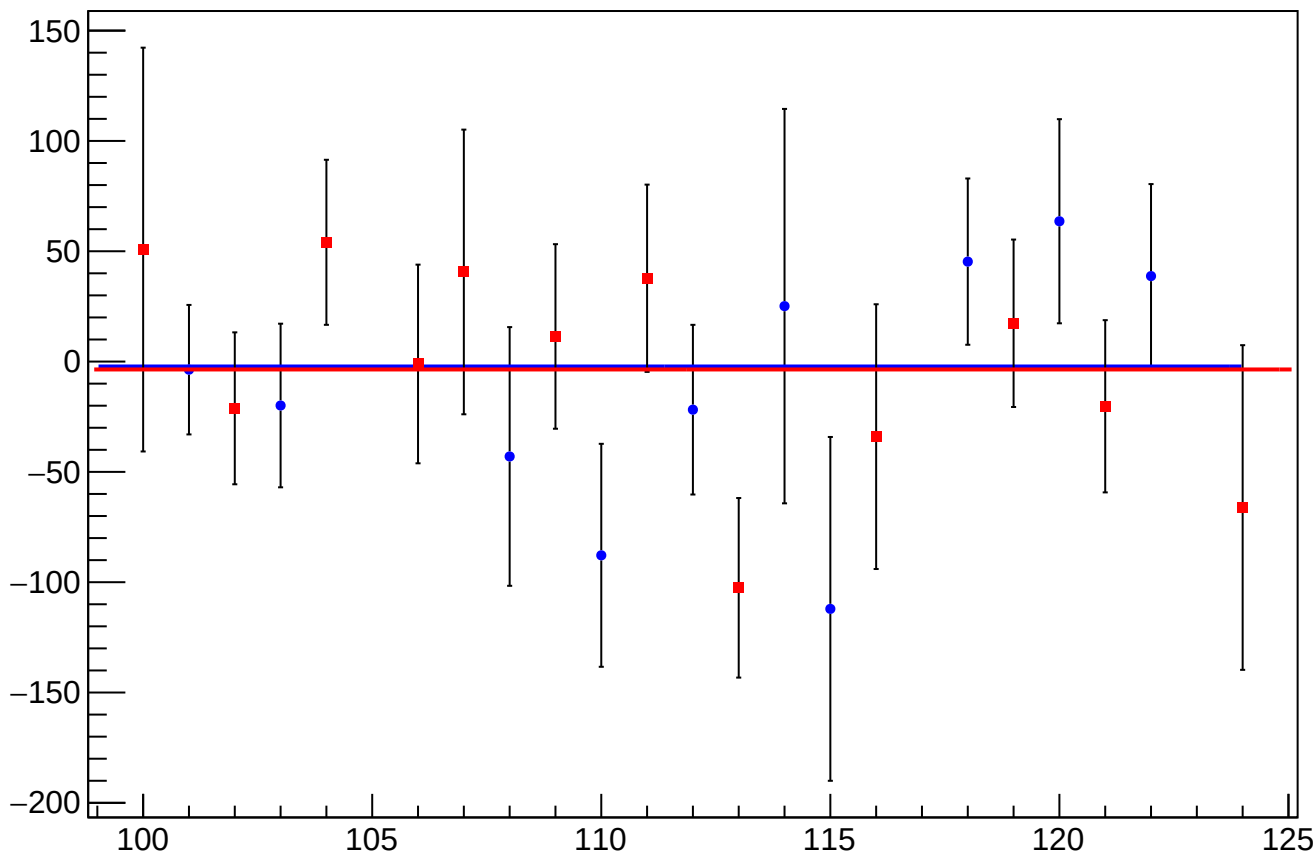
Right: 6328.852+/-1.713 χ^2/NDF : 3072495.4/21

In: 8049.956+/-2.961 χ^2/NDF : 639596.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6328.852+/-1.713 χ^2/NDF : 3072495.4/21

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -2.236+/-13.757 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.580+/-12.958 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

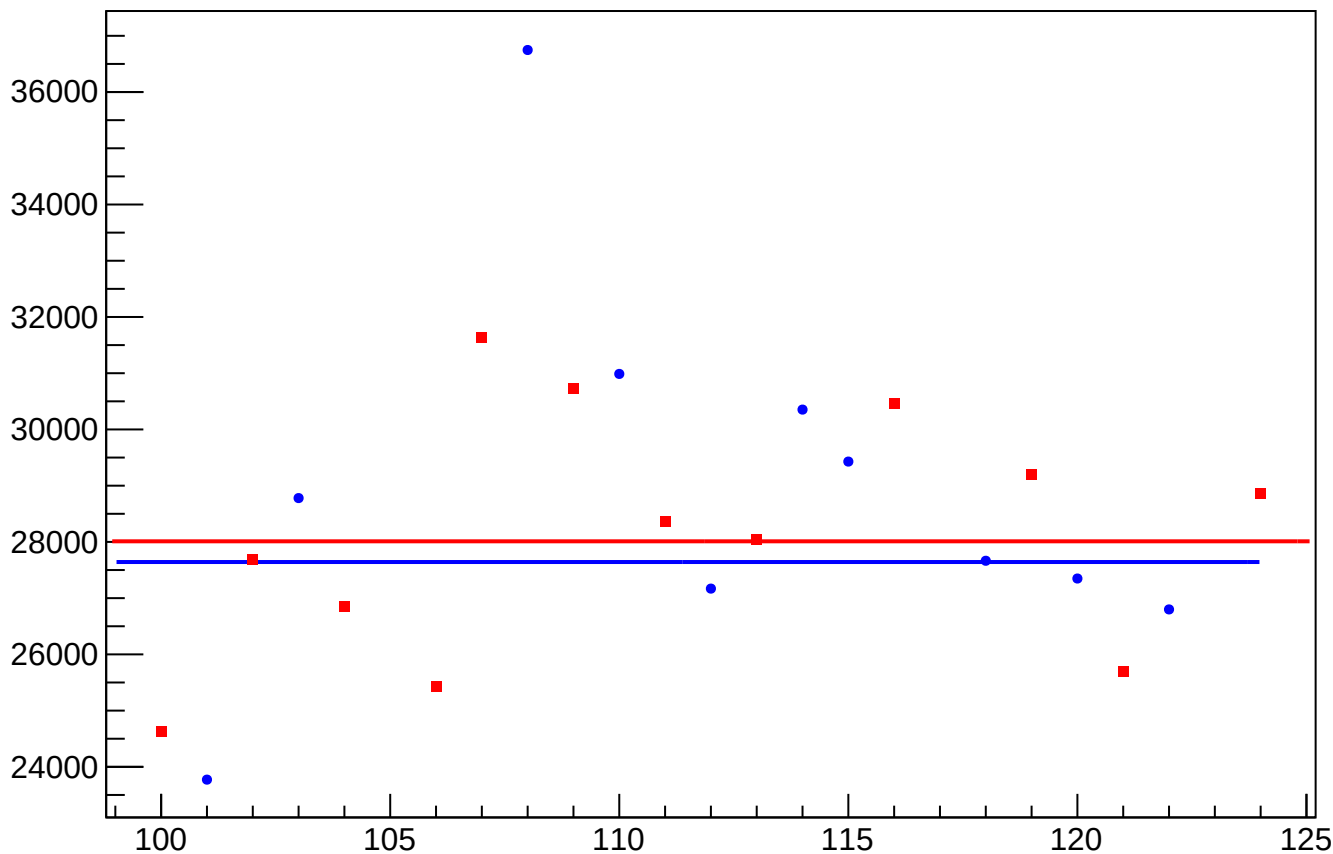
Right: -2.948+/-9.433 χ^2/NDF : 22.4/21

In: -2.236+/-13.757 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.948+/-9.433 χ^2/NDF : 22.4/21

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27642.354+/-9.728 χ^2/NDF : 97755.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28010.672+/-9.163 χ^2/NDF : 38849.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

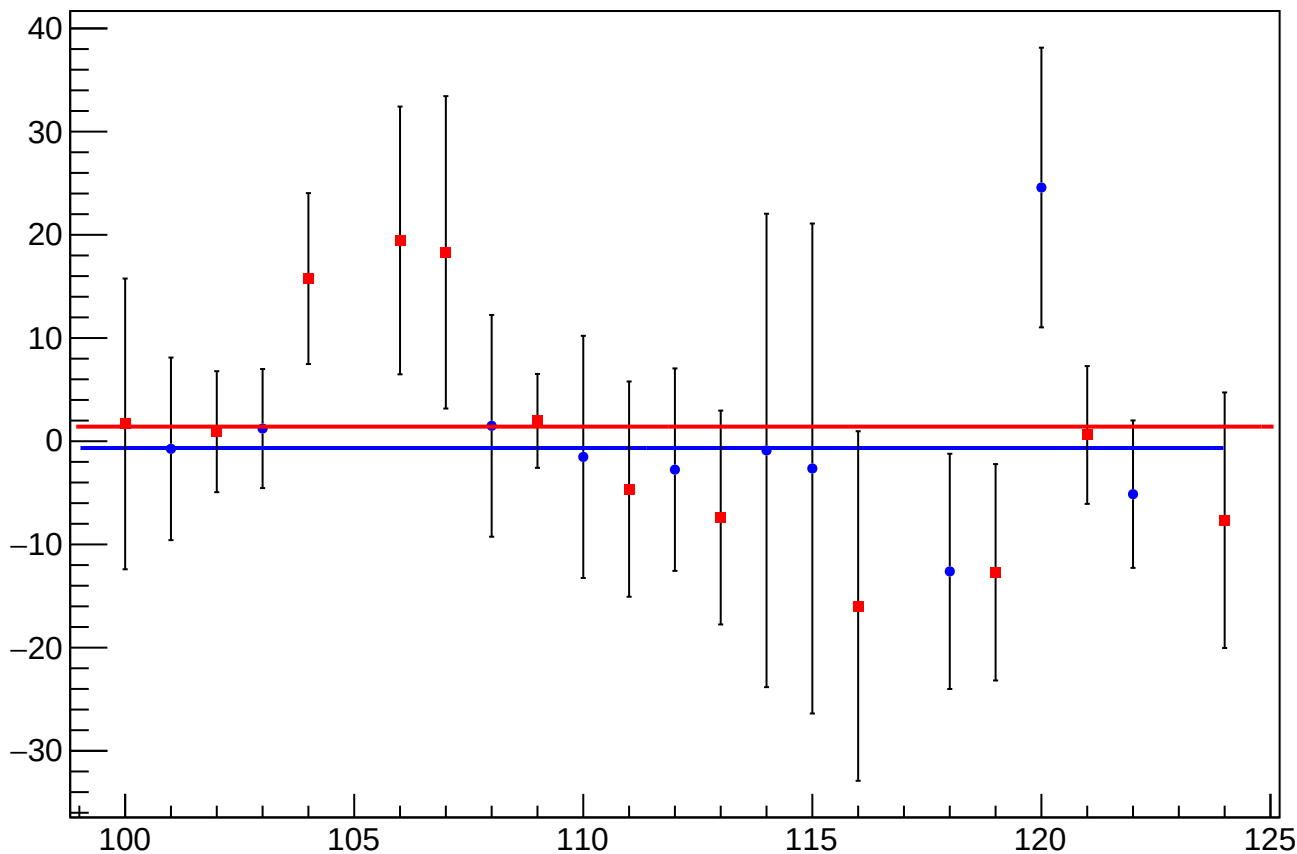
Right: 27837.522+/-6.670 χ^2/NDF : 137363.9/21

In: 27642.354+/-9.728 χ^2/NDF :97755.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27837.522+/-6.670 χ^2/NDF : 137363.9/21

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.656 ± 3.078 $\chi^2/\text{NDF}: 5.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.416 ± 2.444 $\chi^2/\text{NDF}: 10.7/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

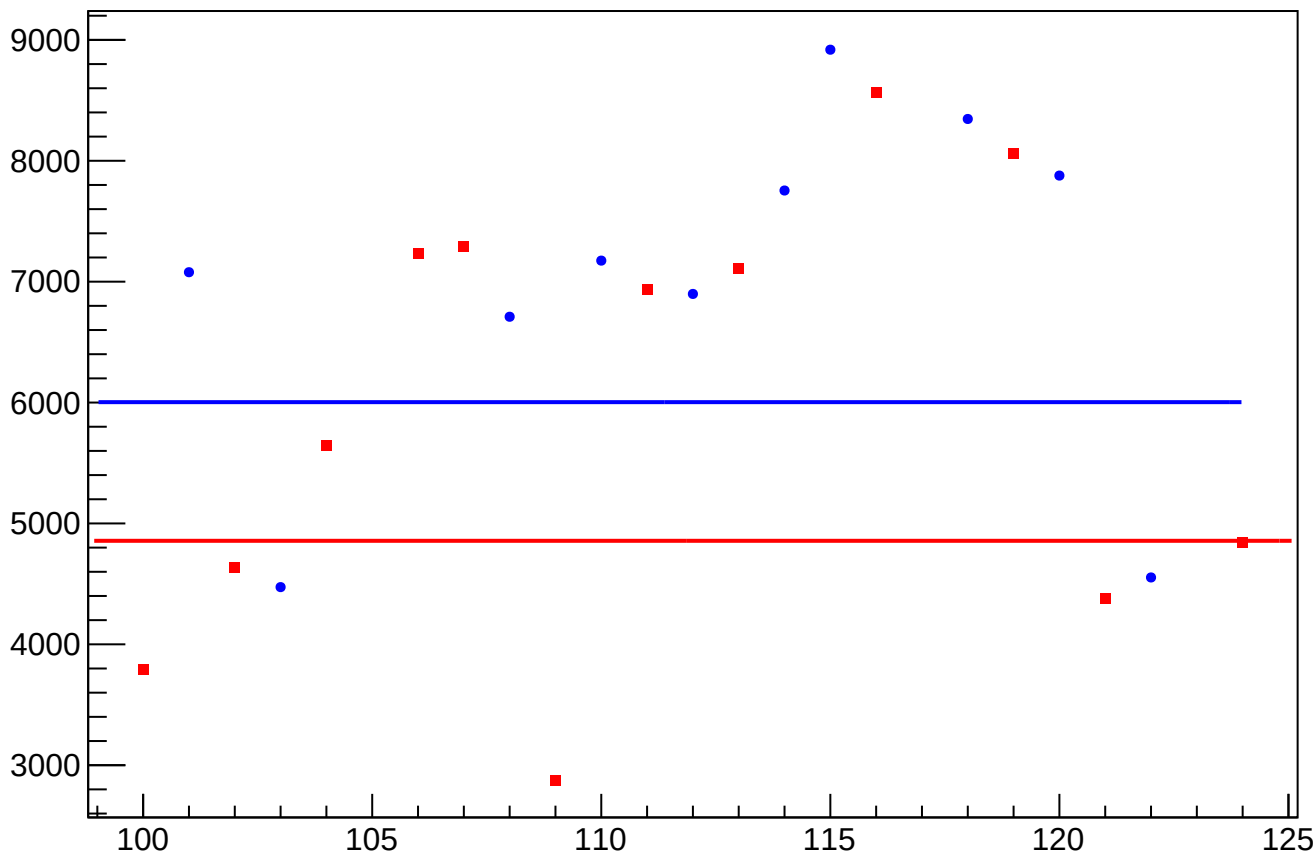
Right: 0.614 ± 1.914 $\chi^2/\text{NDF}: 16.1/21$

In: -0.656 ± 3.078 $\chi^2/\text{NDF}: 5.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.614 ± 1.914 $\chi^2/\text{NDF}: 16.1/21$

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 6003.326+/-2.176 χ^2/NDF : 462540.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4856.351+/-1.728 χ^2/NDF : 997515.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

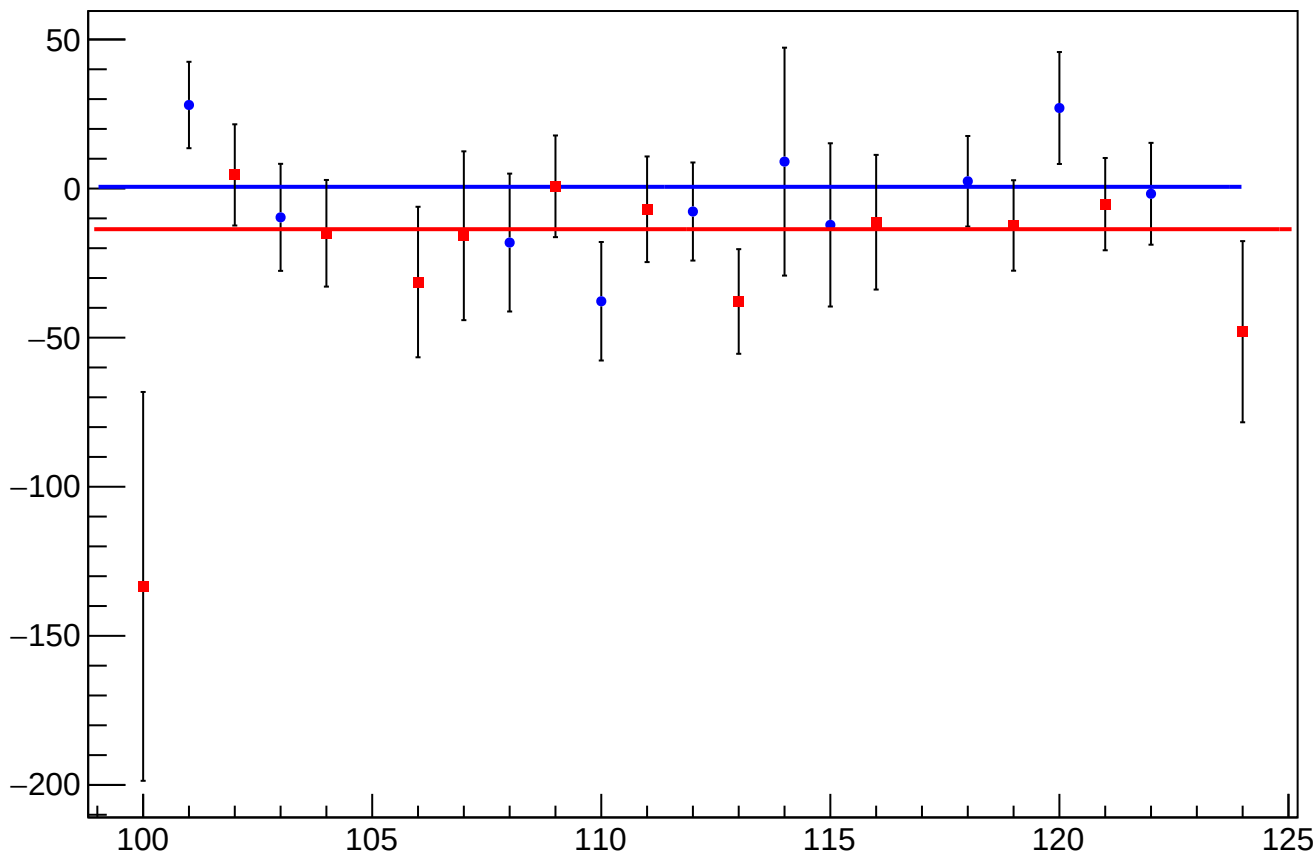
Right: 5299.961+/-1.353 χ^2/NDF : 1630406.5/21

In: 6003.326+/-2.176 χ^2/NDF : 462540.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5299.961+/-1.353 χ^2/NDF : 1630406.5/21

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.583+/-5.914 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.626+/-5.671 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

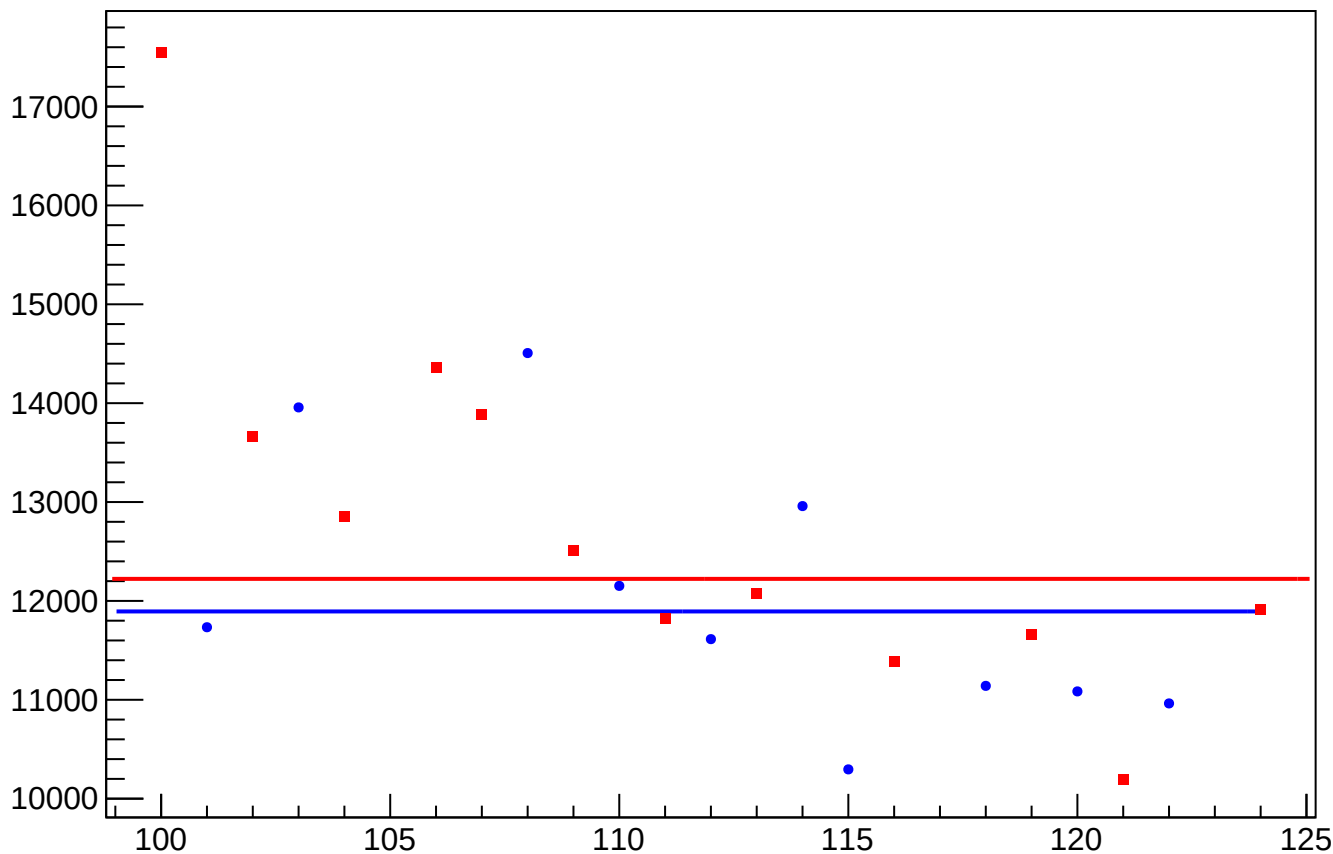
Right: -6.819+/-4.093 χ^2/NDF : 23.2/21

In: 0.583+/-5.914 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.819+/-4.093 χ^2/NDF : 23.2/21

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11893.536+/-4.182 χ^2/NDF : 76080.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12222.955+/-4.010 χ^2/NDF : 93264.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

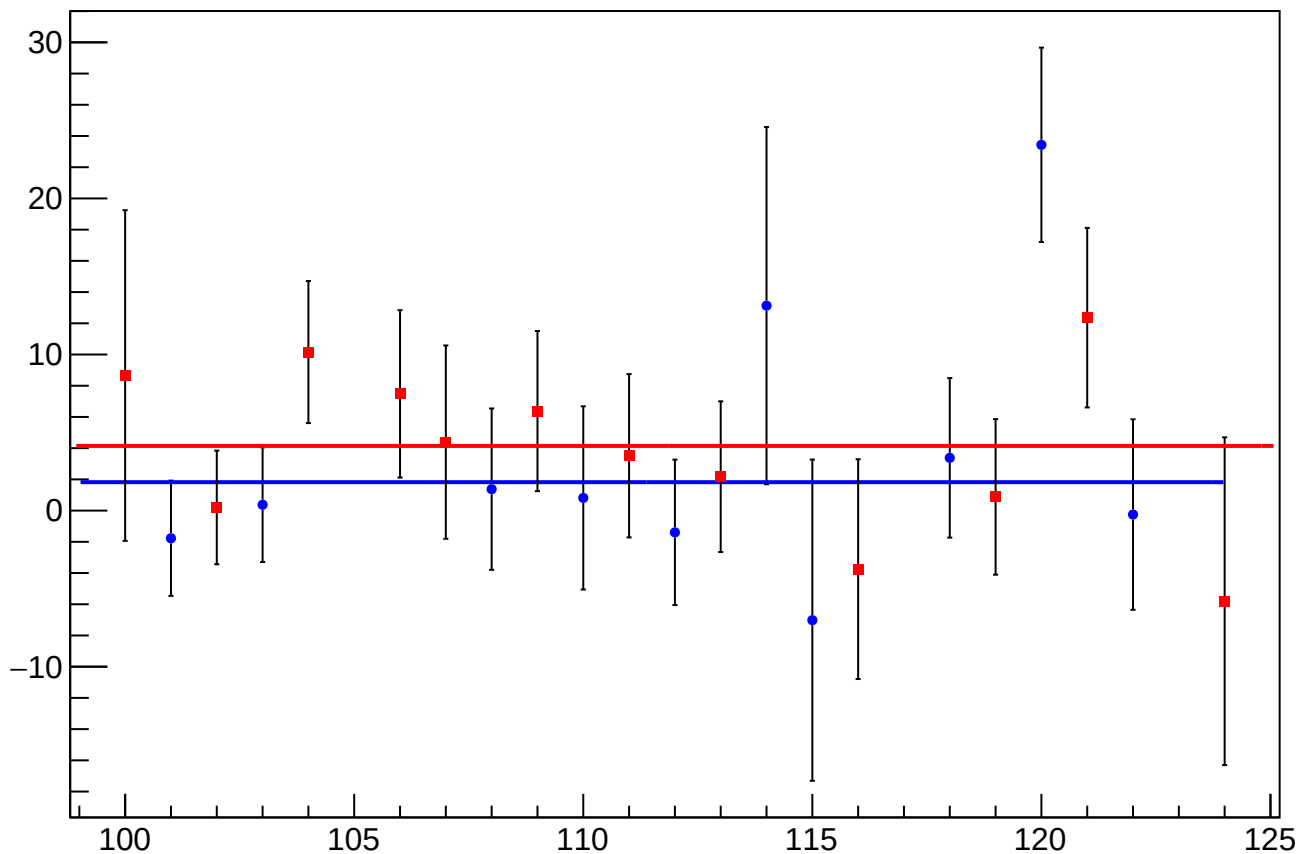
Right: 12065.143+/-2.894 χ^2/NDF : 172578.2/21

In: 11893.536+/-4.182 χ^2/NDF : 76080.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12065.143+/-2.894 χ^2/NDF : 172578.2/21

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.821+/-1.649 χ^2/NDF : 15.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.145+/-1.561 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

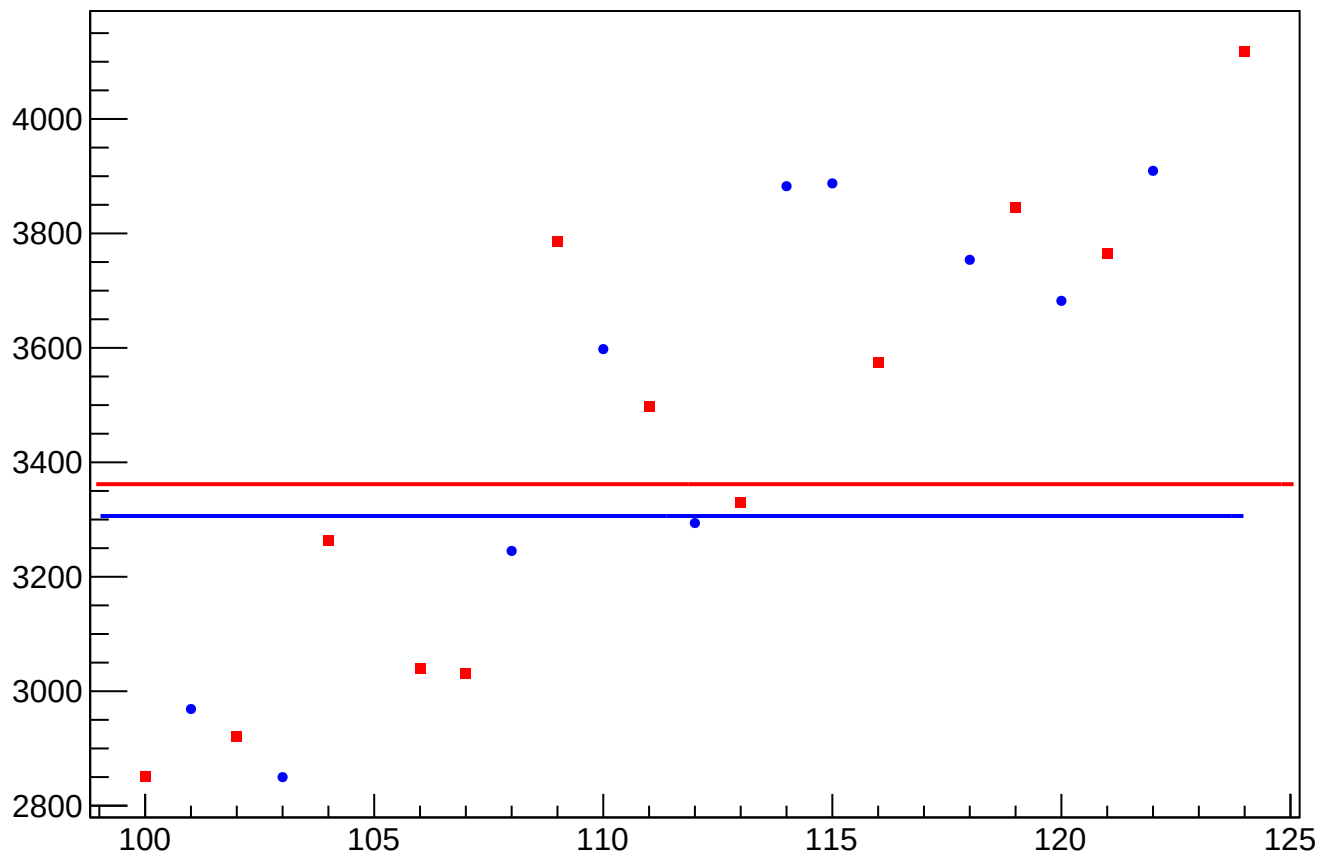
Right: 3.046+/-1.133 χ^2/NDF : 25.1/21

In: 1.821+/-1.649 χ^2/NDF : 15.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.046+/-1.133 χ^2/NDF : 25.1/21

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3306.201+/-1.166 χ^2/NDF : 106400.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3361.807+/-1.103 χ^2/NDF : 103816.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

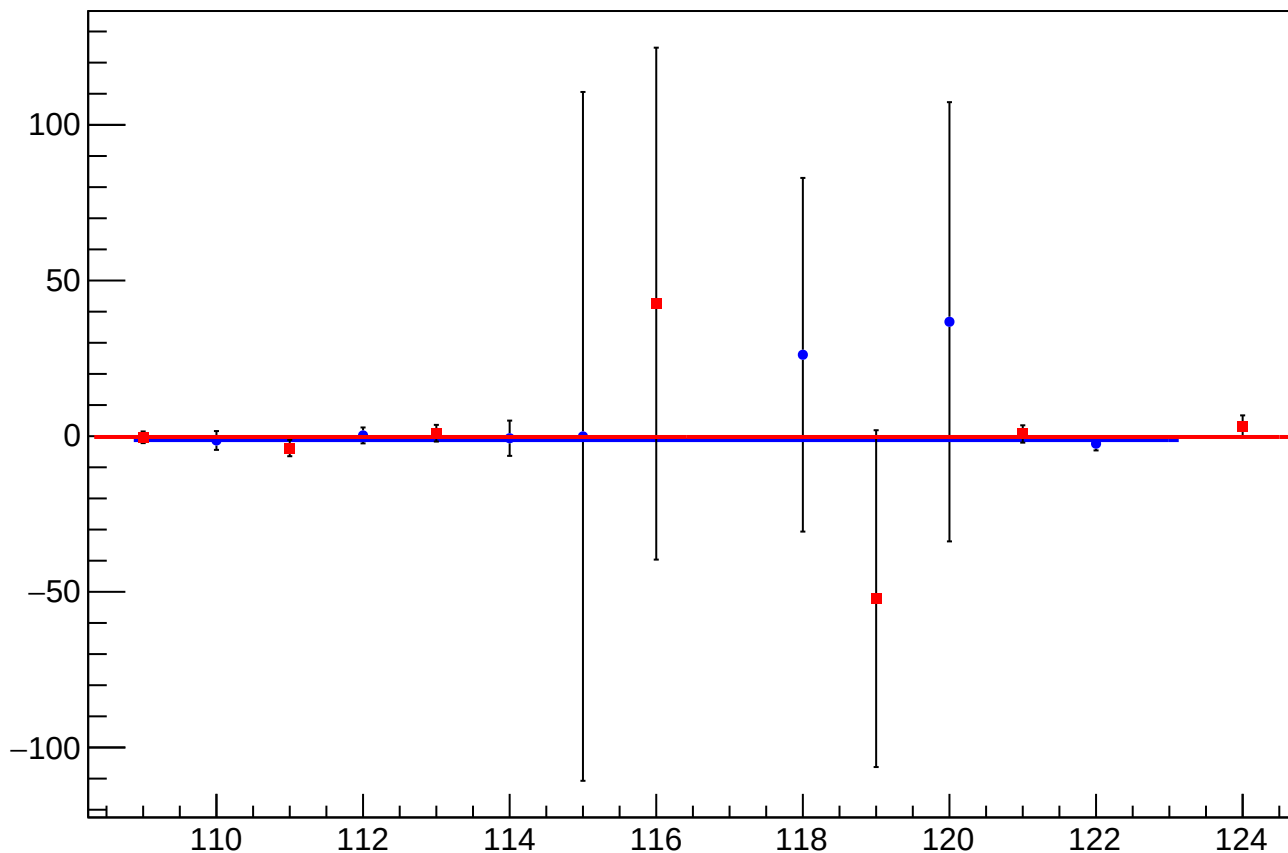
Right: 3335.529+/-0.801 χ^2/NDF : 211416.9/21

In: 3306.201+/-1.166 χ^2/NDF : 106400.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3335.529+/-0.801 χ^2/NDF : 211416.9/21

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.252+/-1.402 χ^2/NDF : 1.2/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.259+/-1.135 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

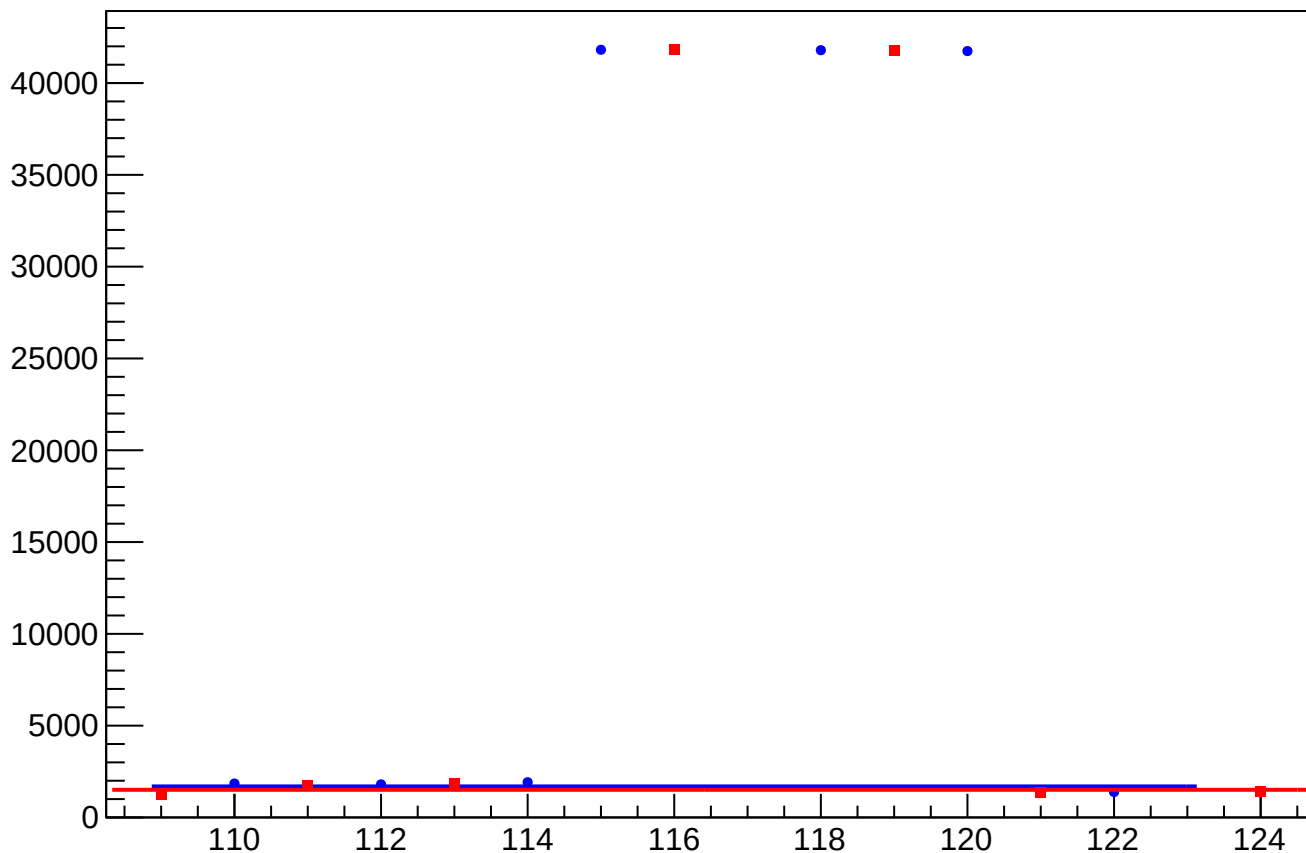
Right: -0.652+/-0.882 χ^2/NDF : 5.7/13

In: -1.252+/-1.402 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.652+/-0.882 χ^2/NDF : 5.7/13

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1689.686+/-0.991 χ^2/NDF : 1956530.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1506.753+/-0.802 χ^2/NDF : 1685954.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

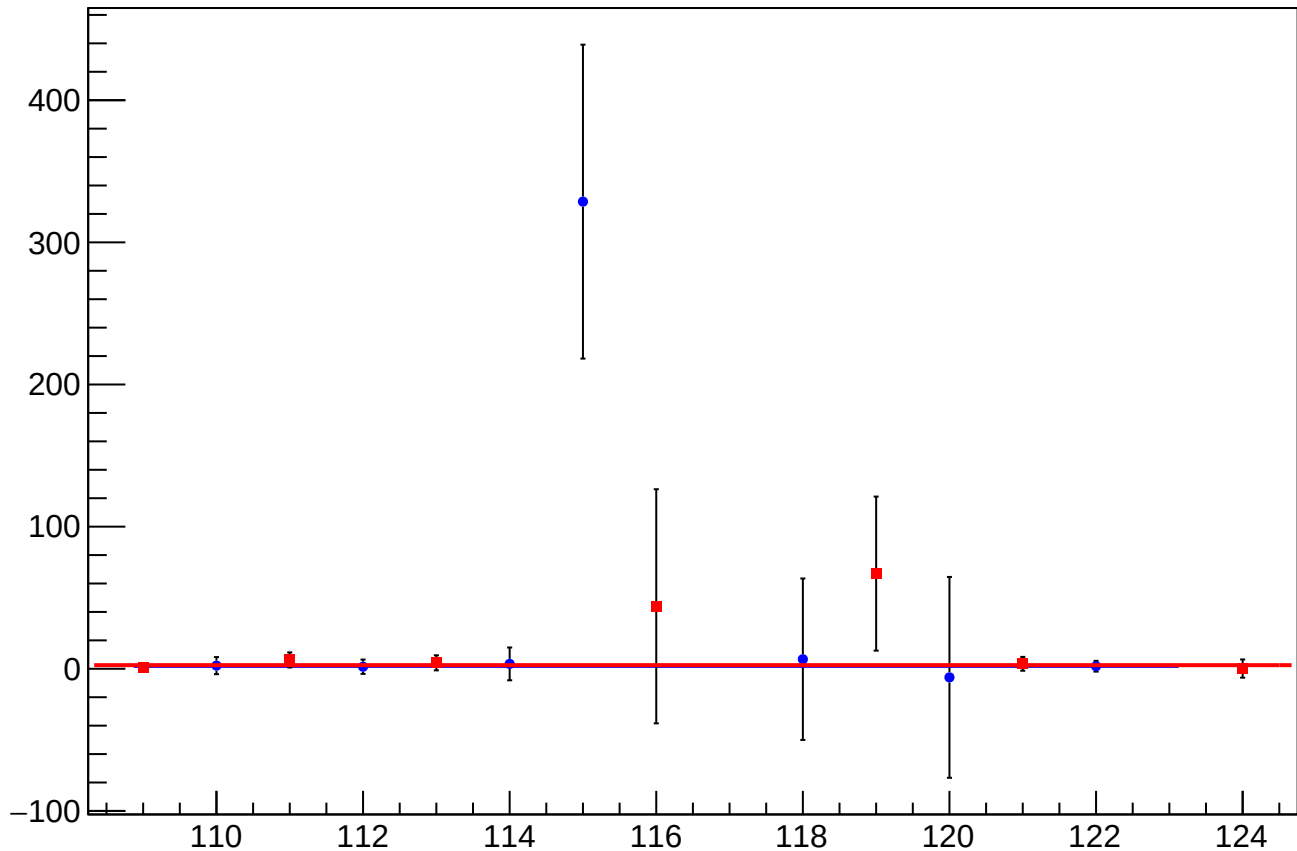
Right: 1579.172+/-0.624 χ^2/NDF : 3663066.2/13

In: 1689.686+/-0.991 χ^2/NDF : 1956530.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.172+/-0.624 χ^2/NDF : 3663066.2/13

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.059+/-2.624 χ^2/NDF : 8.8/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.550+/-1.962 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

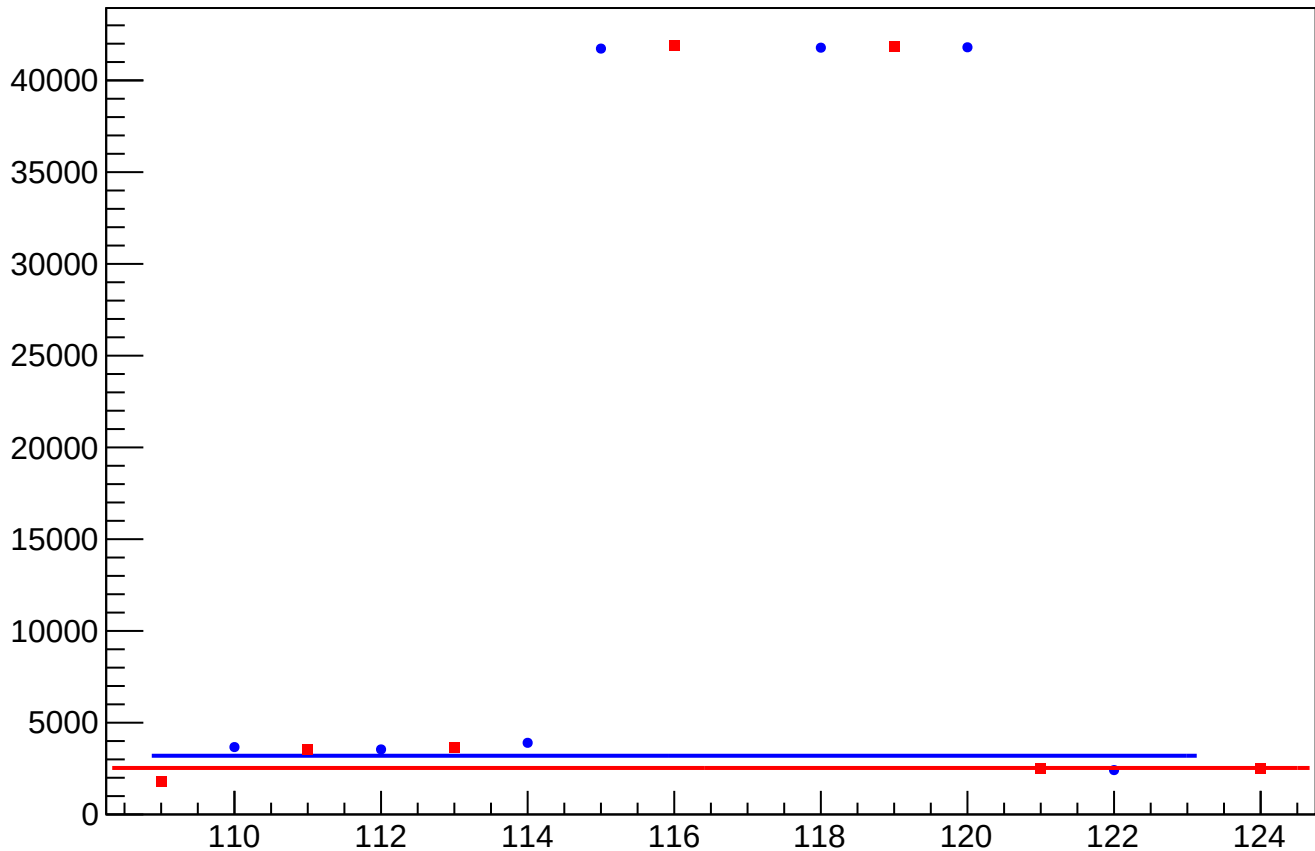
Right: 2.374+/-1.571 χ^2/NDF : 11.6/13

In: 2.059+/-2.624 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.374+/-1.571 χ^2/NDF : 11.6/13

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3199.044+/-1.855 χ^2/NDF : 1878512.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2533.348+/-1.388 χ^2/NDF : 1803511.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

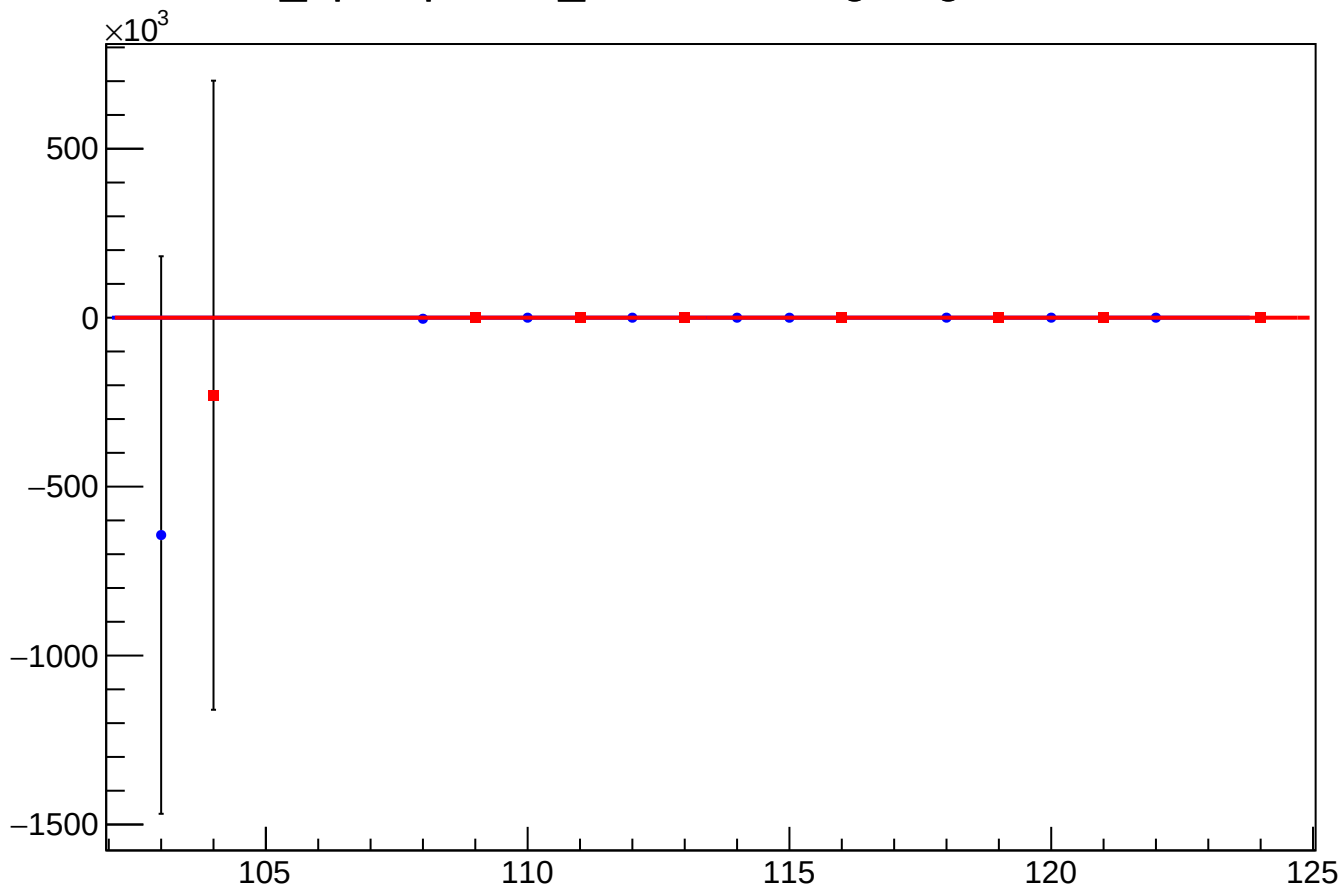
Right: 2772.181+/-1.111 χ^2/NDF : 3764590.2/13

In: 3199.044+/-1.855 χ^2/NDF : 1878512.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2772.181+/-1.111 χ^2/NDF : 3764590.2/13

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 2.992 $\pm$ 2.375 χ^2 /NDF: 10.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.204 $\pm$ 2.100 χ^2 /NDF: 9.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

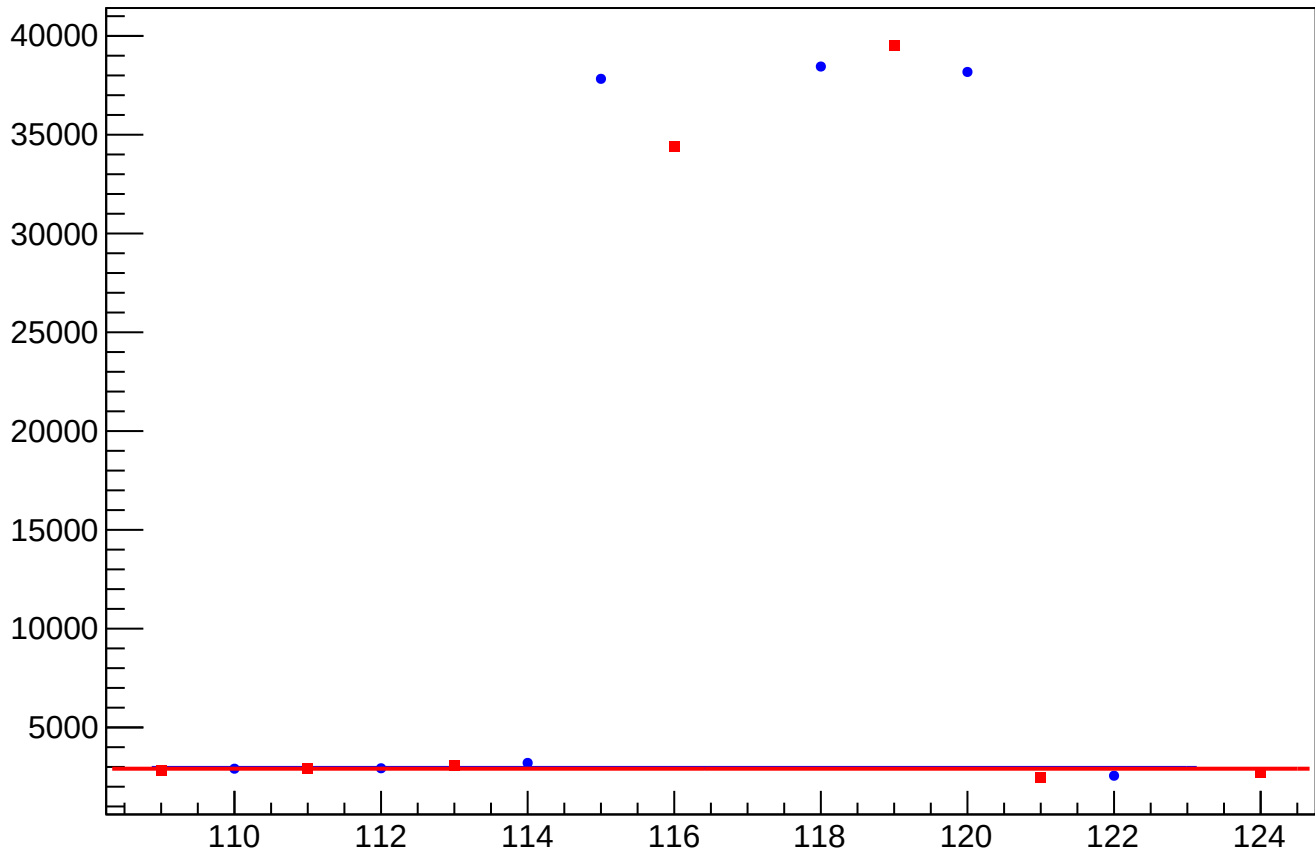
Right: 4.233 $\pm$ 1.573 χ^2 /NDF: 19.9/16

In: 2.992 $\pm$ 2.375 χ^2 /NDF:10.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.233 $\pm$ 1.573 χ^2 /NDF: 19.9/16

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2950.501+/-1.679 χ^2/NDF : 1776770.5/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2911.264+/-1.485 χ^2/NDF : 1477698.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

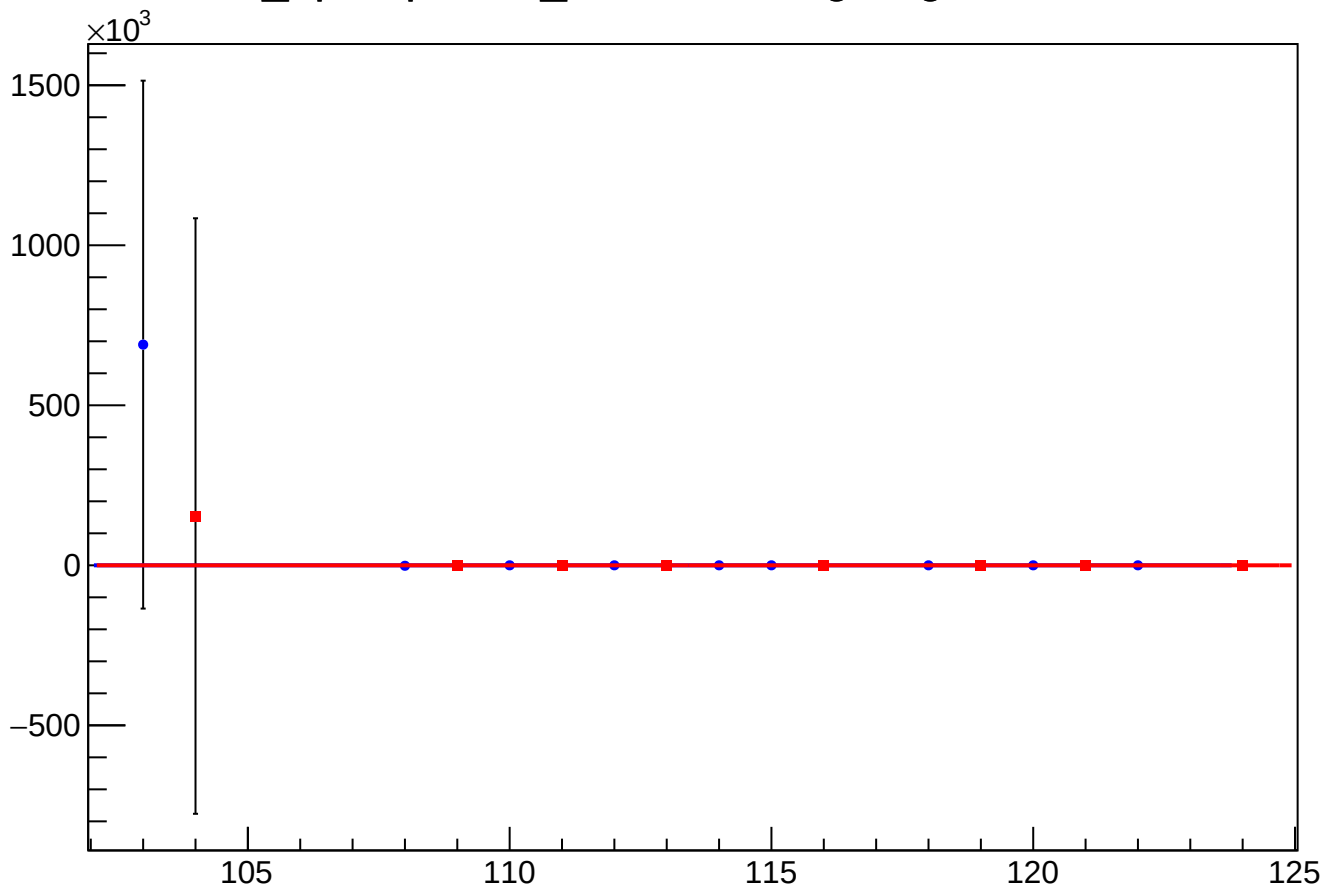
Right: 2928.479+/-1.112 χ^2/NDF : 3254775.1/13

In: 2950.501+/-1.679 χ^2/NDF : 1776770.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2928.479+/-1.112 χ^2/NDF : 3254775.1/13

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.181+/-2.350 χ^2/NDF : 1.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.223+/-1.713 χ^2/NDF : 2.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

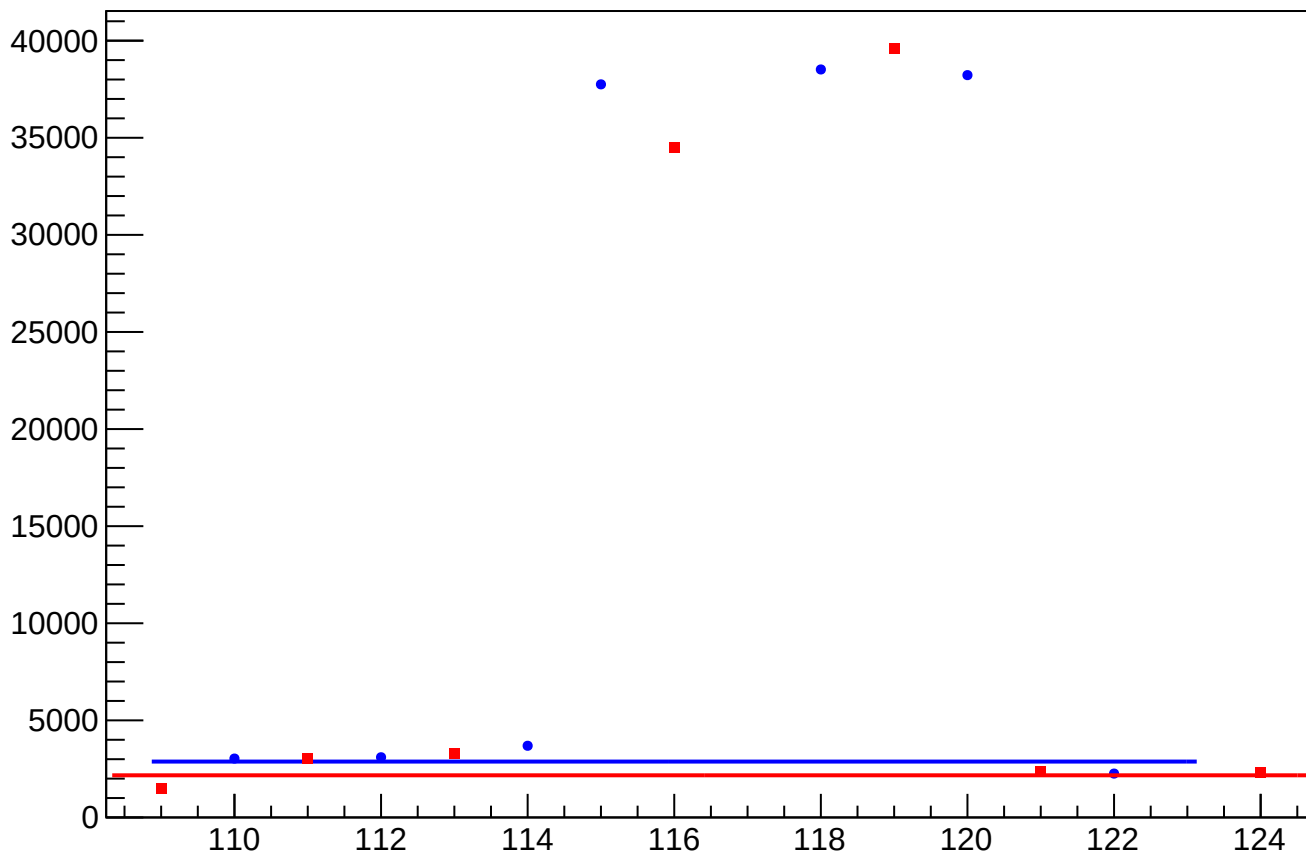
Right: 1.514+/-1.384 χ^2/NDF : 3.9/16

In: 0.181+/-2.350 χ^2/NDF : 1.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.514+/-1.384 χ^2/NDF : 3.9/16

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2877.583+/-1.661 χ^2/NDF : 1842061.3/6

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2170.726+/-1.211 χ^2/NDF : 1879699.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

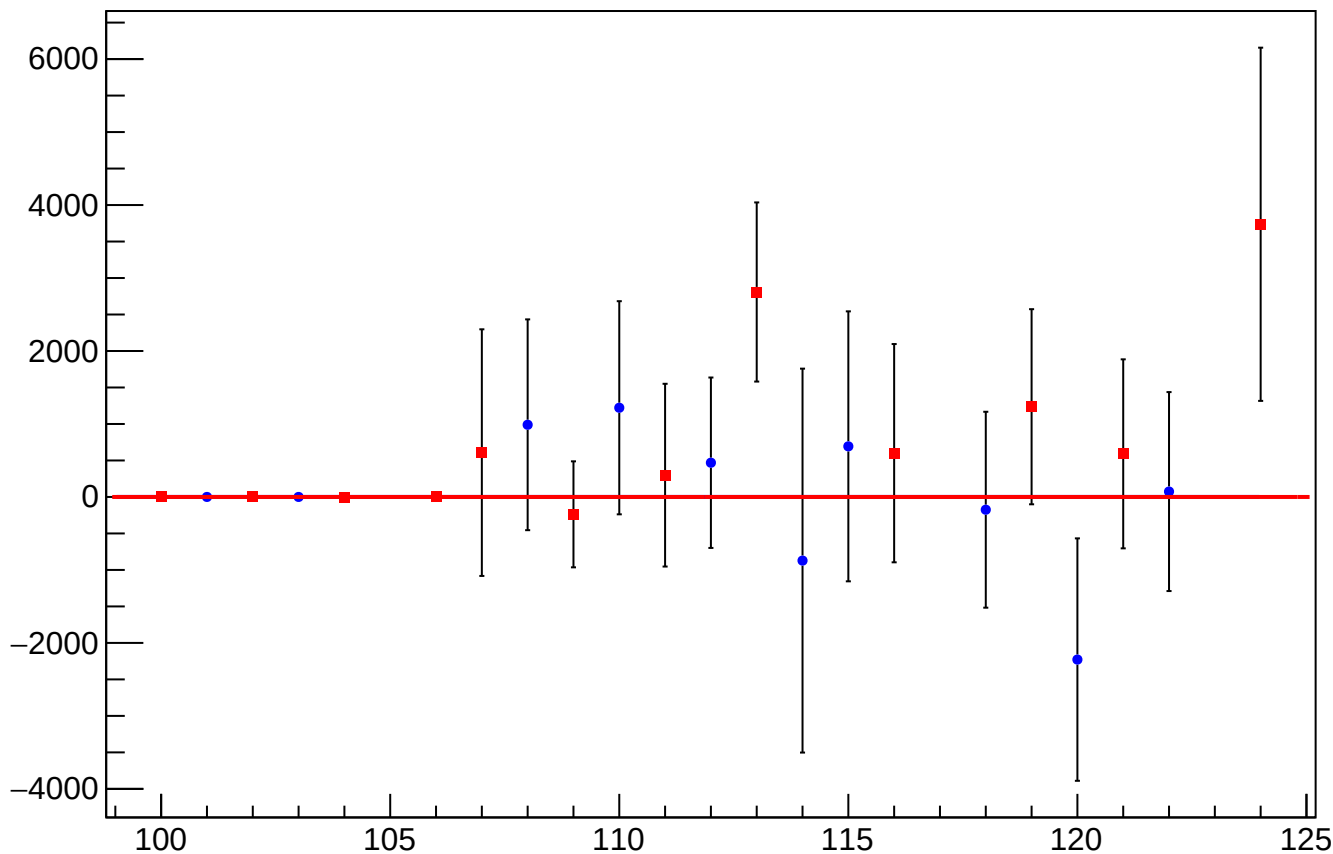
Right: 2416.062+/-0.979 χ^2/NDF : 3839935.0/13

In: 2877.583+/-1.661 χ^2/NDF : 1842061.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2416.062+/-0.979 χ^2/NDF : 3839935.0/13

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 3.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

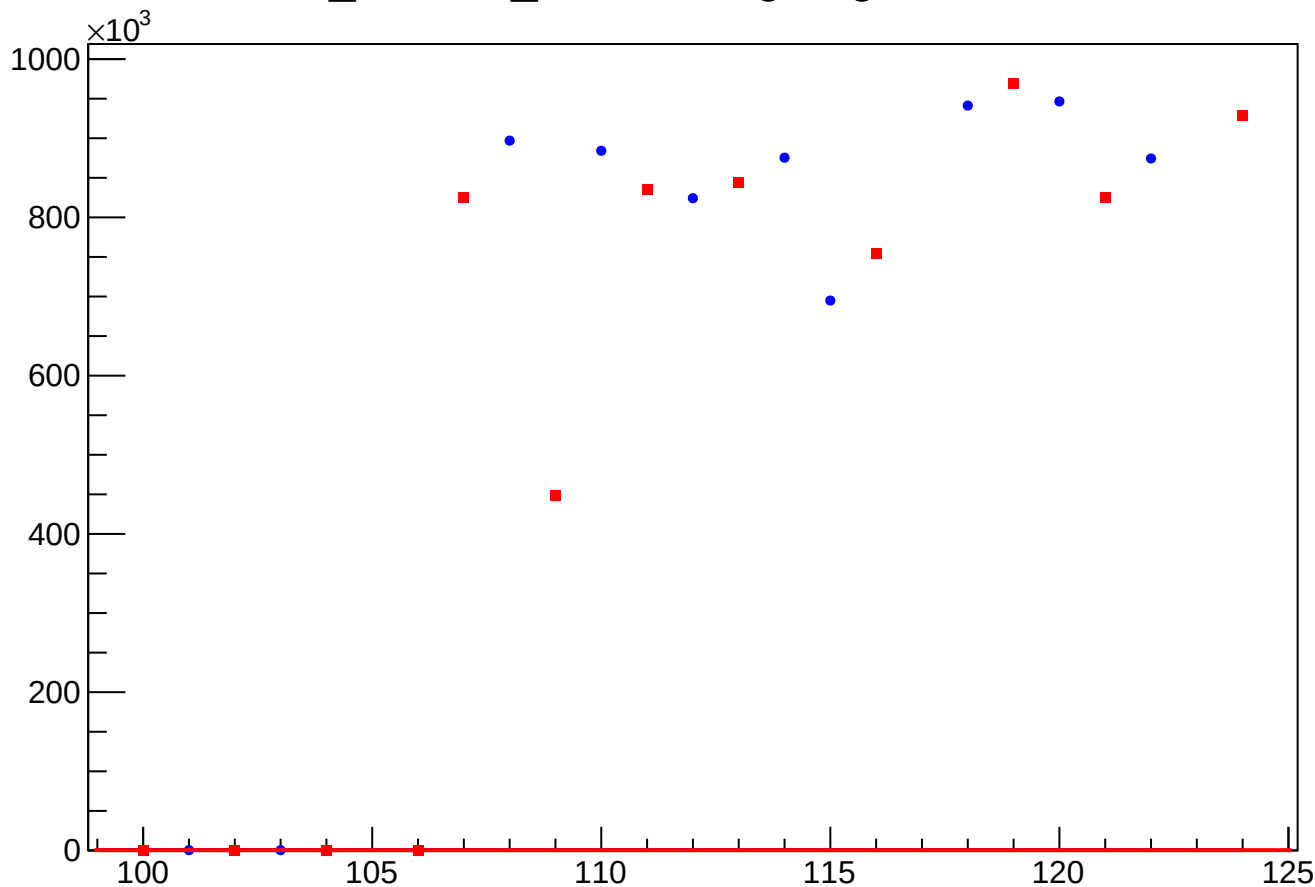
Right: 0.066+/-0.241 χ^2/NDF : 16.6/21

In: 0.256+/-0.356 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 16.6/21

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.526+/-0.251 χ^2/NDF : 4816092.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.031+/-0.232 χ^2/NDF : 4889113.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

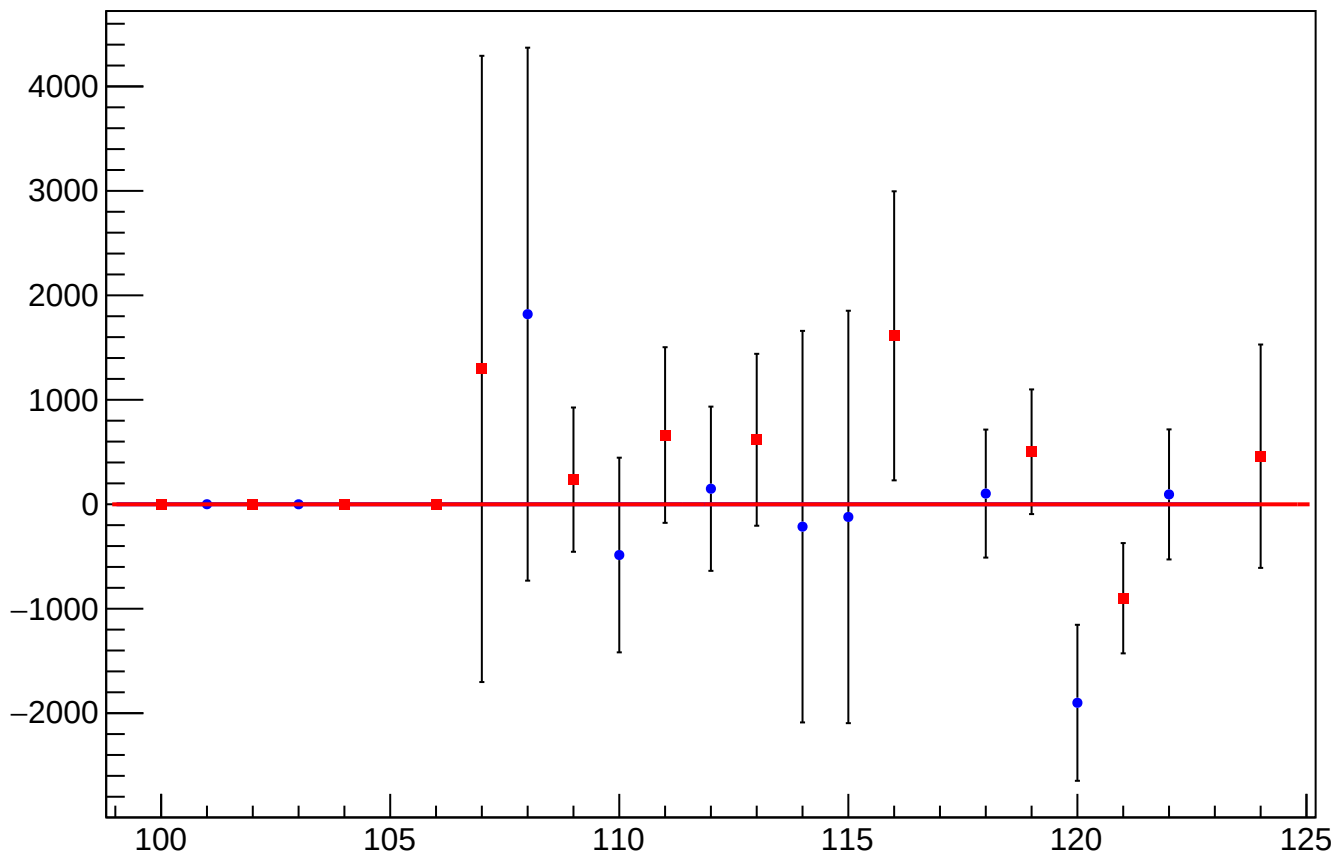
Right: 395.555+/-0.170 χ^2/NDF : 9705464.9/21

In: 398.526+/-0.251 χ^2/NDF : 4816092.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.555+/-0.170 χ^2/NDF : 9705464.9/21

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 χ^2/NDF : 8.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.598 ± 0.324 χ^2/NDF : 6.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

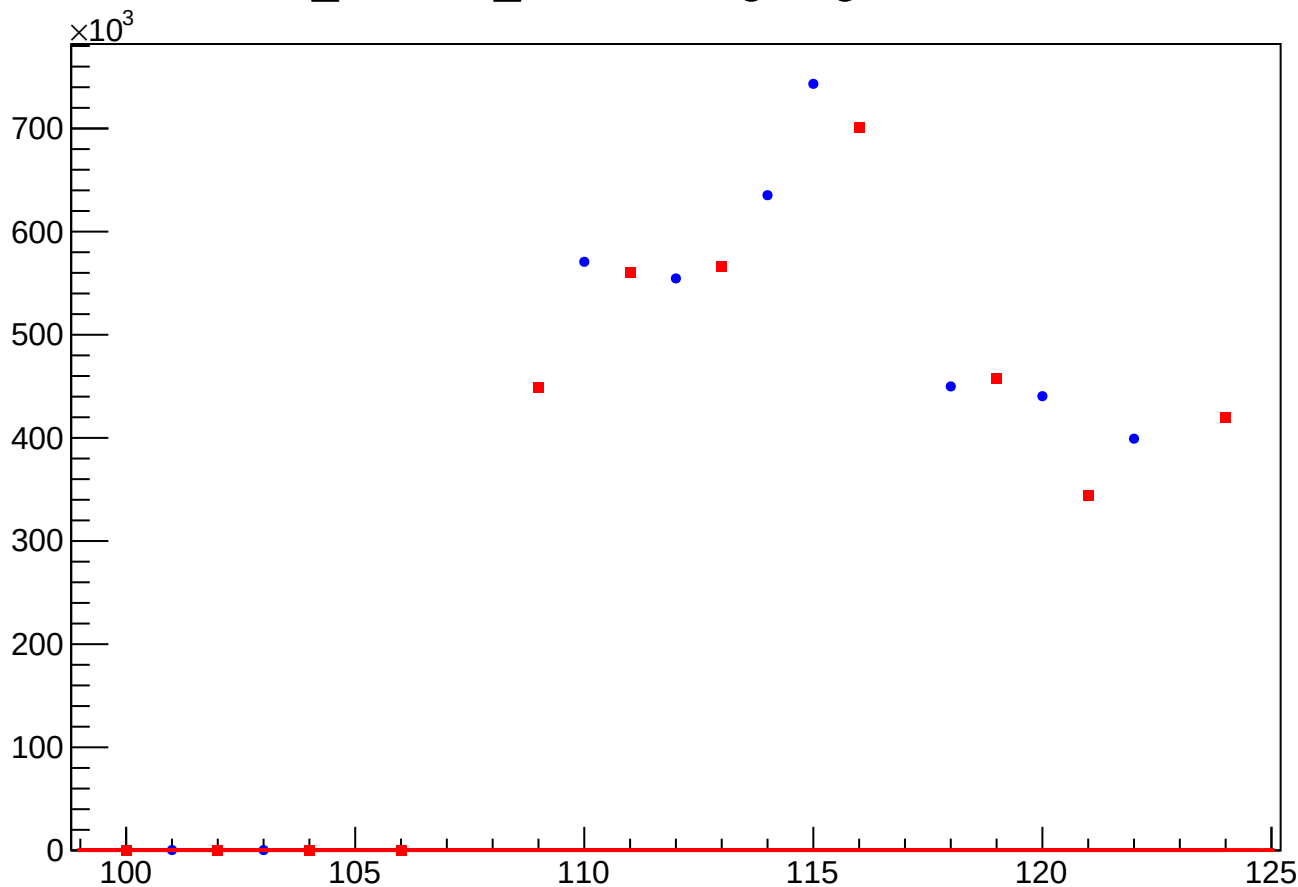
Right: -0.329 ± 0.237 χ^2/NDF : 16.3/21

In: -0.020 ± 0.347 χ^2/NDF : 8.1/9

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: 389.261 $\pm$ 0.245 χ^2/NDF : 4860676.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.184 $\pm$ 0.229 χ^2/NDF : 5514927.4/10

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

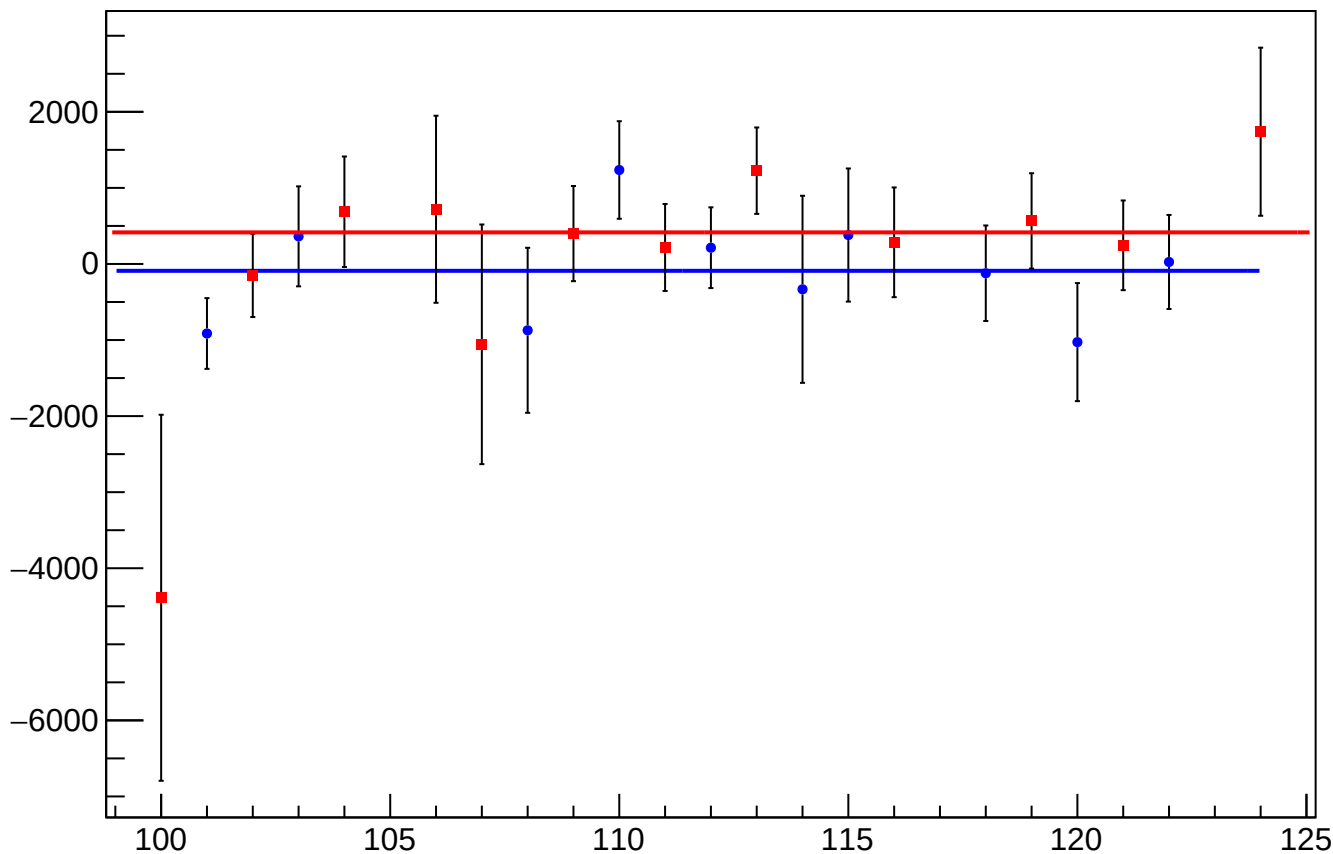
Right: 388.151 $\pm$ 0.167 χ^2/NDF : 10375642.3/19

In: 389.261 $\pm$ 0.245 χ^2/NDF : 4860676.6/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.151 $\pm$ 0.167 χ^2/NDF : 10375642.3/19

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -90.078 ± 210.571 χ^2/NDF : 10.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 415.324 ± 206.969 χ^2/NDF : 9.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

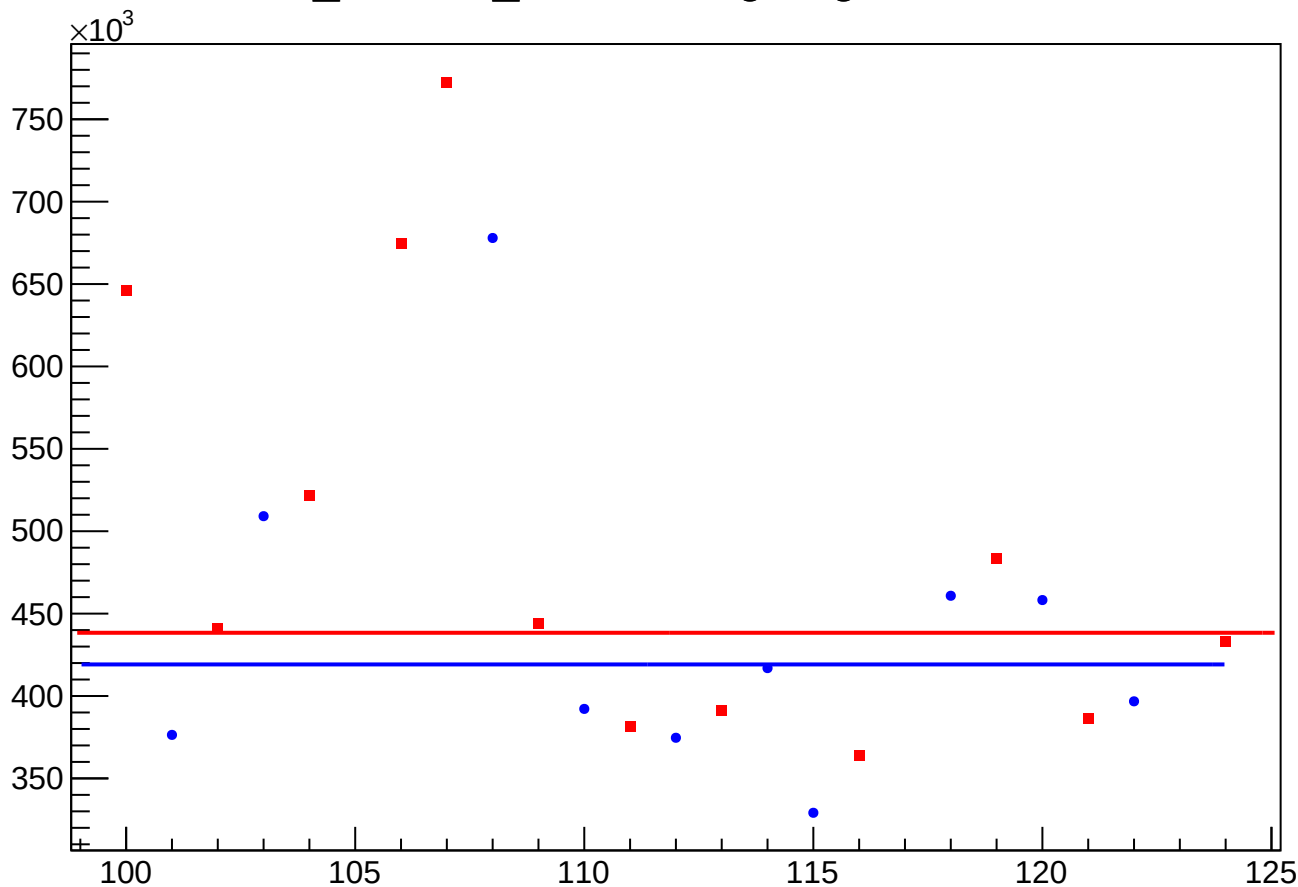
Right: 166.984 ± 147.606 χ^2/NDF : 23.4/21

In: -90.078 ± 210.571 χ^2/NDF : 10.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 166.984 ± 147.606 χ^2/NDF : 23.4/21

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 419161.400+/-148.896 χ^2/NDF : 223561.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 438373.035+/-146.414 χ^2/NDF : 283595.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

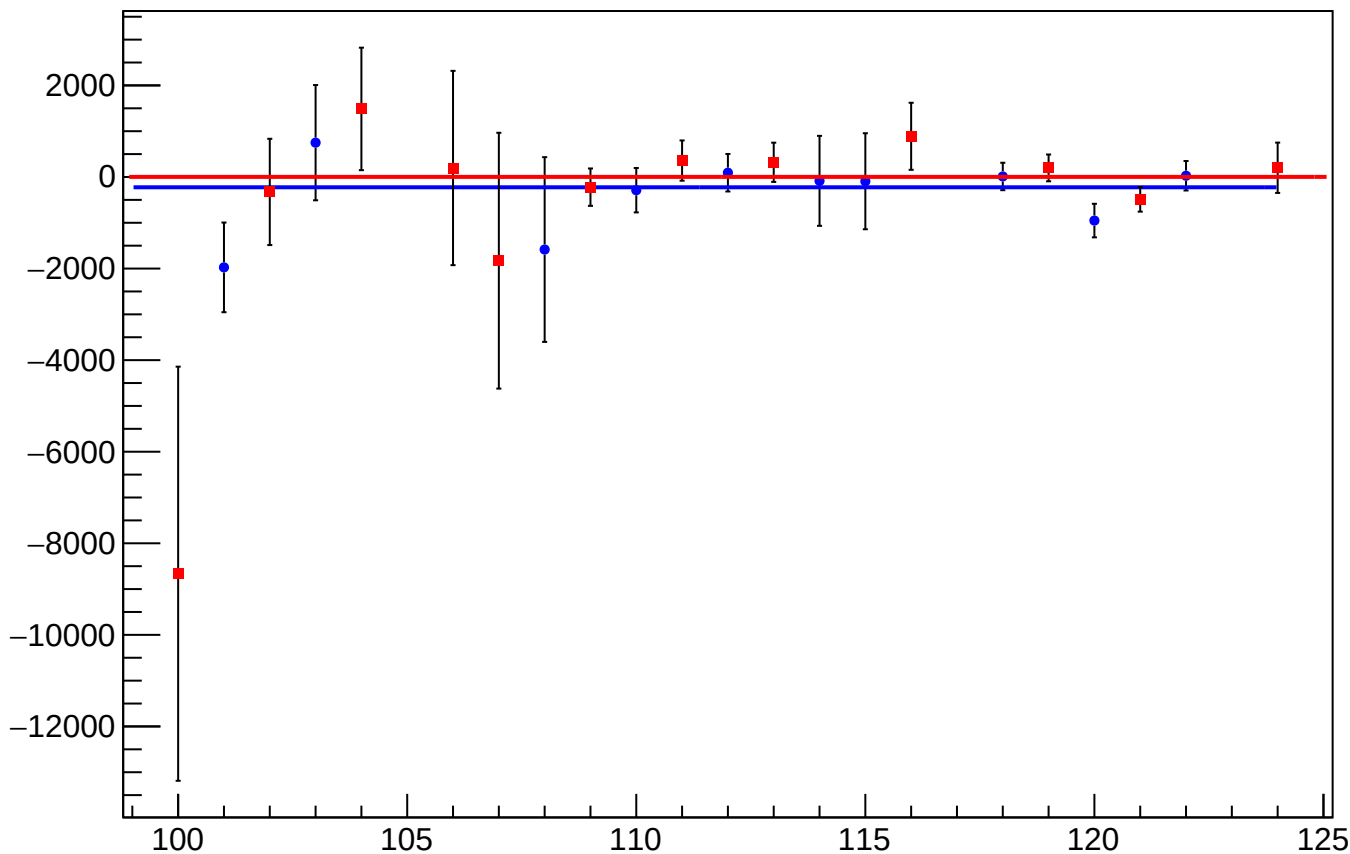
Right: 428928.709+/-104.397 χ^2/NDF : 515620.9/21

In: 419161.400+/-148.896 χ^2/NDF : 223561.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428928.709+/-104.397 χ^2/NDF : 515620.9/21

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -224.858 ± 153.710 $\chi^2/\text{NDF}: 10.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.209 ± 142.785 $\chi^2/\text{NDF}: 12.3/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

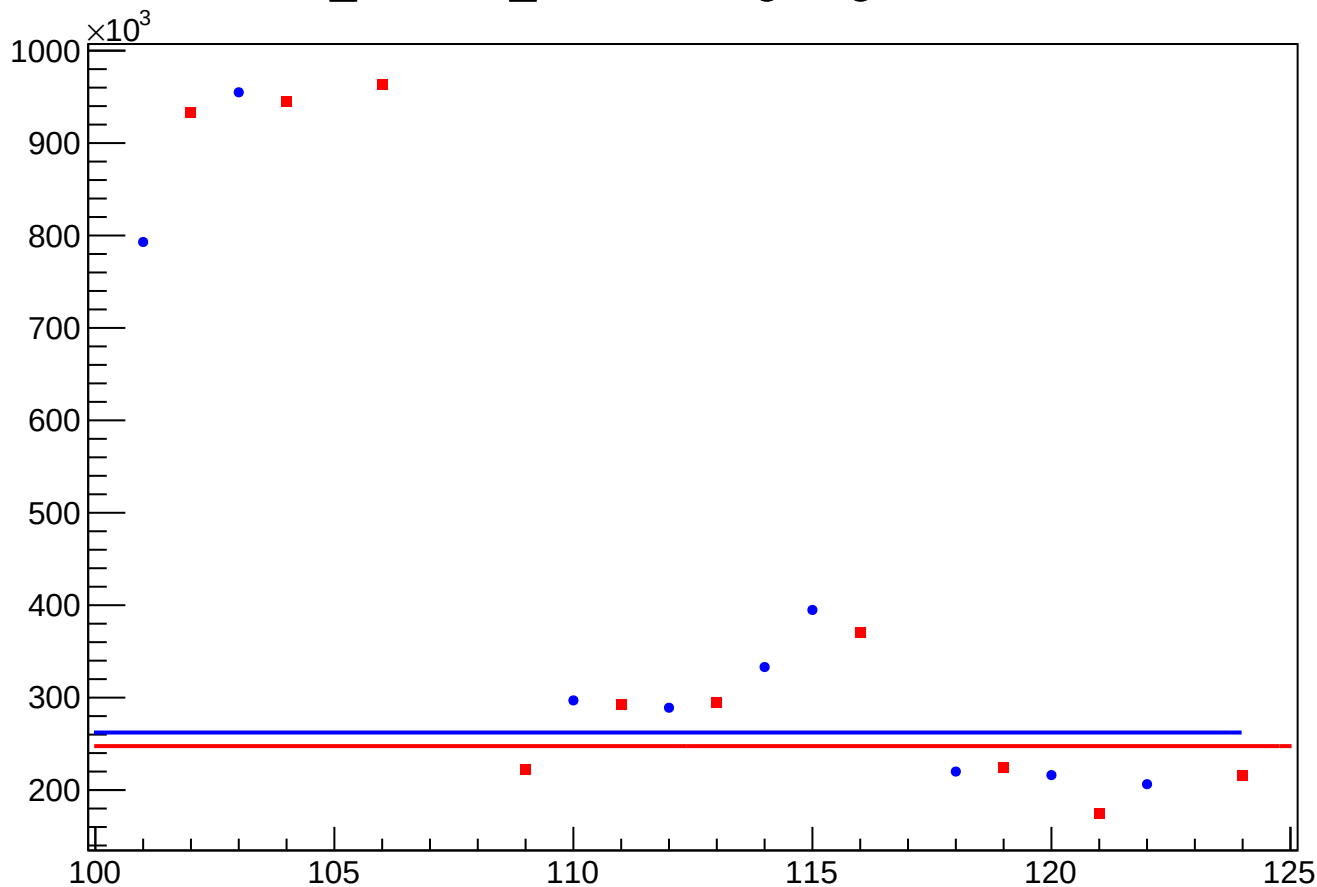
Right: -102.969 ± 104.613 $\chi^2/\text{NDF}: 23.6/21$

In: -224.858 ± 153.710 $\chi^2/\text{NDF}: 10.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -102.969 ± 104.613 $\chi^2/\text{NDF}: 23.6/21$

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 262252.027+/-109.267 $\chi^2/\text{NDF}: 1193594.5/8$

Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 247531.793+/-101.638 $\chi^2/\text{NDF}: 1407744.4/9$

Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

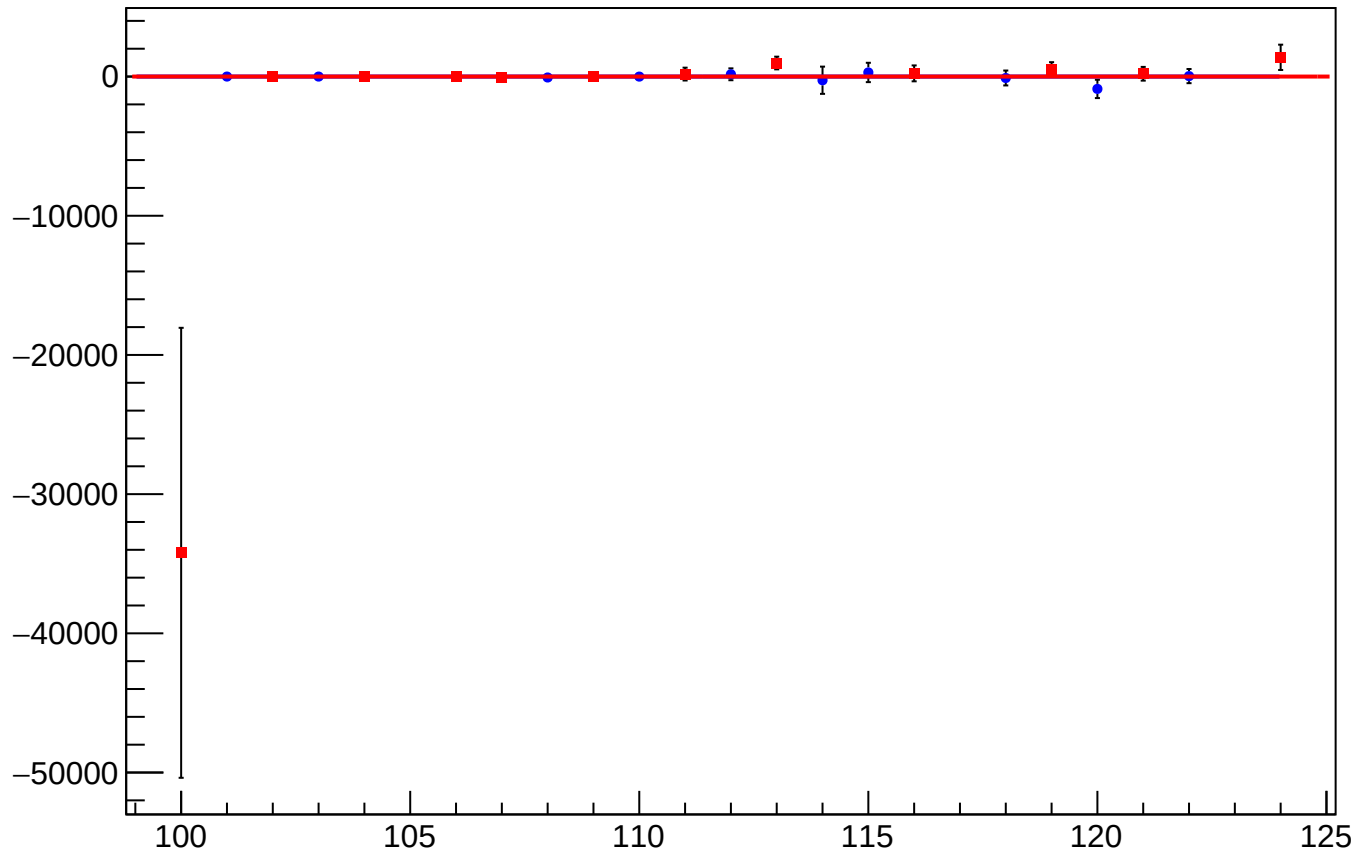
Right: 254360.115+/-74.420 $\chi^2/\text{NDF}: 2611069.0/18$

In: 262252.027+/-109.267 $\chi^2/\text{NDF}: 1193594.5/8$

Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 254360.115+/-74.420 $\chi^2/\text{NDF}: 2611069.0/18$

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.172 χ^2/NDF : 3.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.355 ± 0.160 χ^2/NDF : 13.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

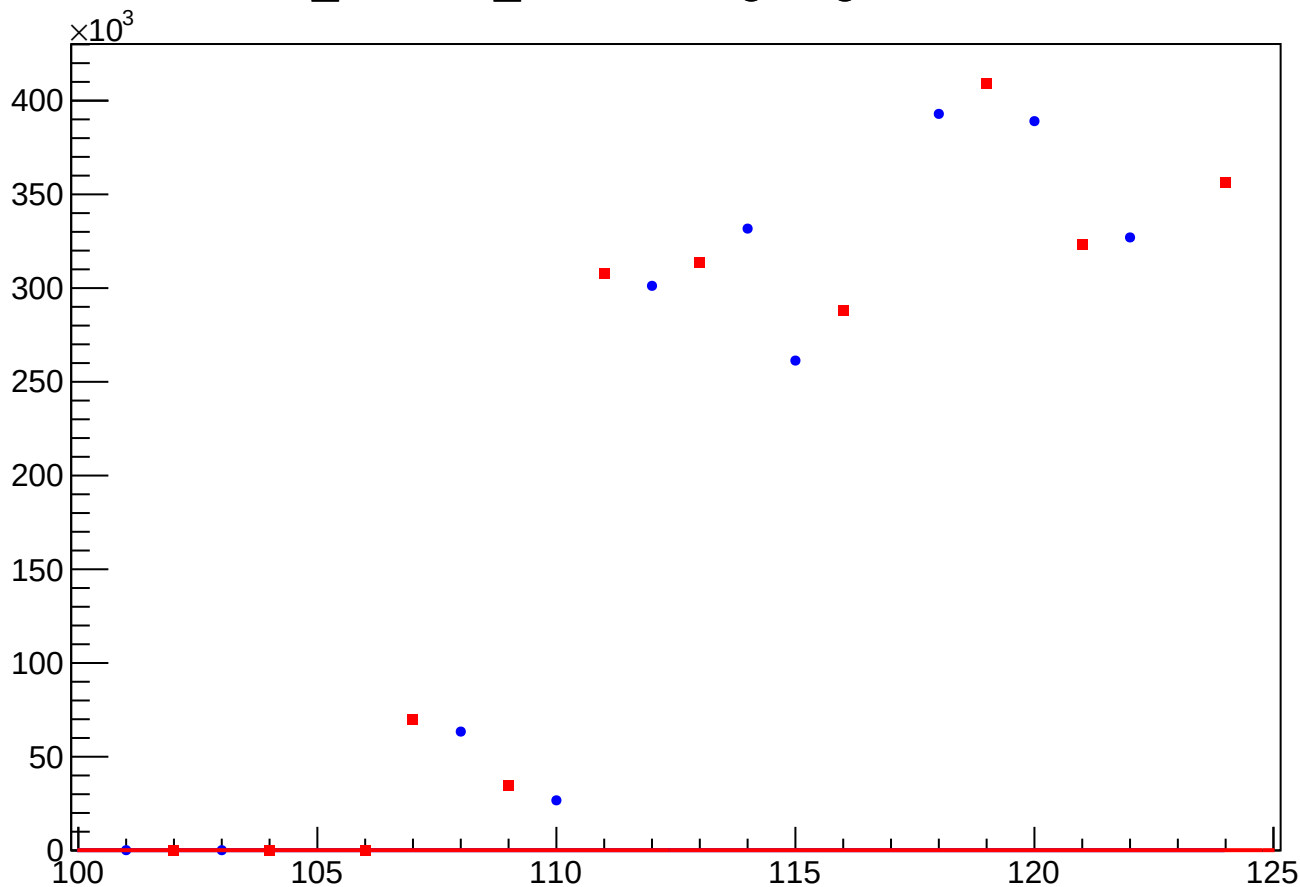
Right: 0.174 ± 0.117 χ^2/NDF : 19.5/21

In: -0.035 ± 0.172 χ^2/NDF : 3.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.174 ± 0.117 χ^2/NDF : 19.5/21

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.800+/-0.122 χ^2/NDF : 5159392.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.172+/-0.113 χ^2/NDF : 5780679.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

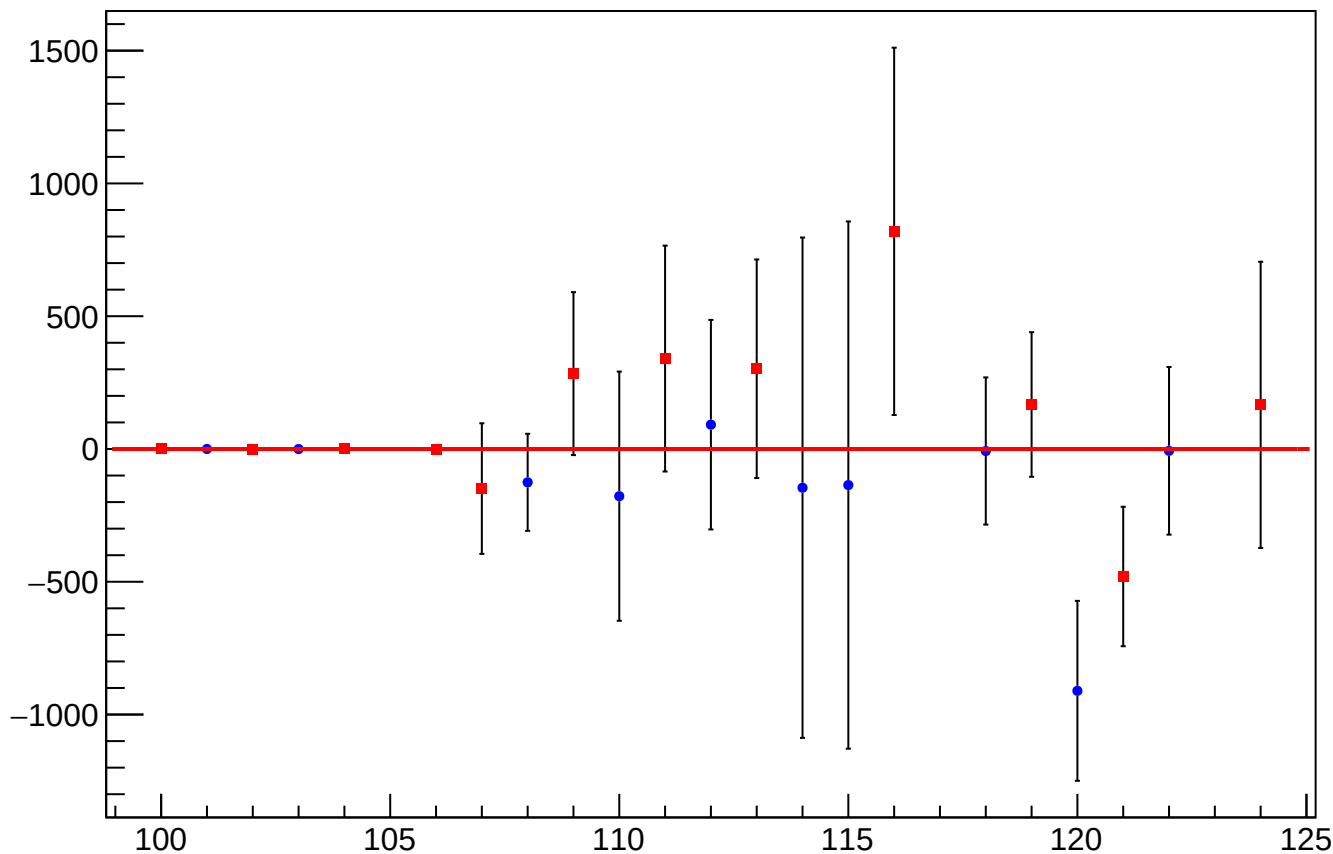
Right: 149.000+/-0.083 χ^2/NDF : 10940077.2/20

In: 148.800+/-0.122 χ^2/NDF : 5159392.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.000+/-0.083 χ^2/NDF : 10940077.2/20

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.177 χ^2/NDF : 8.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.126 ± 0.166 χ^2/NDF : 7.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

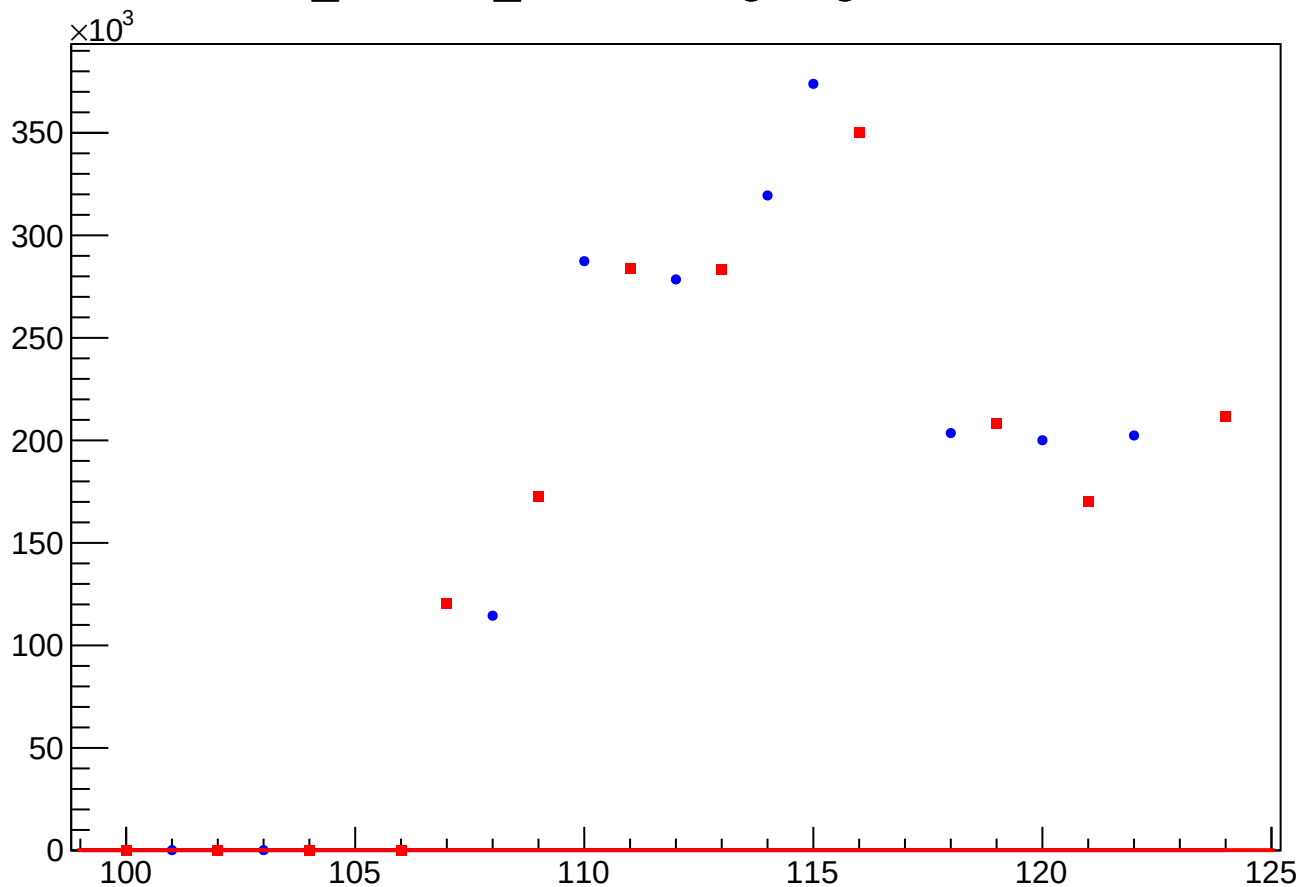
Right: -0.099 ± 0.121 χ^2/NDF : 16.0/21

In: -0.068 ± 0.177 χ^2/NDF : 8.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.121 χ^2/NDF : 16.0/21

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.944 $\pm$ 0.125 χ^2/NDF : 5638057.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.736 $\pm$ 0.118 χ^2/NDF : 5768163.0/11

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

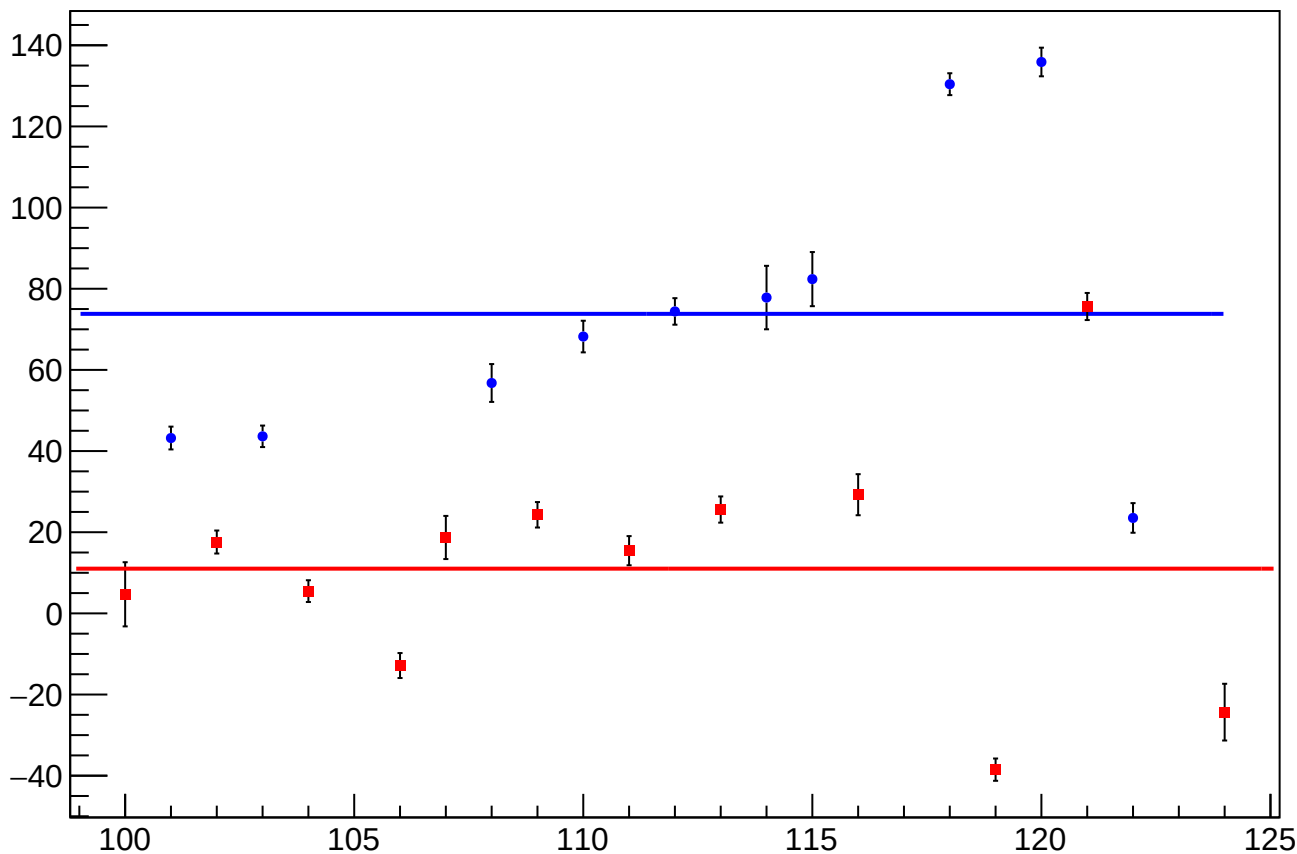
Right: 154.427 $\pm$ 0.086 χ^2/NDF : 11406484.4/21

In: 152.944 $\pm$ 0.125 χ^2/NDF : 5638057.8/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.427 $\pm$ 0.086 χ^2/NDF : 11406484.4/21

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 73.812+/-1.114 χ^2/NDF : 1205.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.021+/-1.012 χ^2/NDF : 850.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

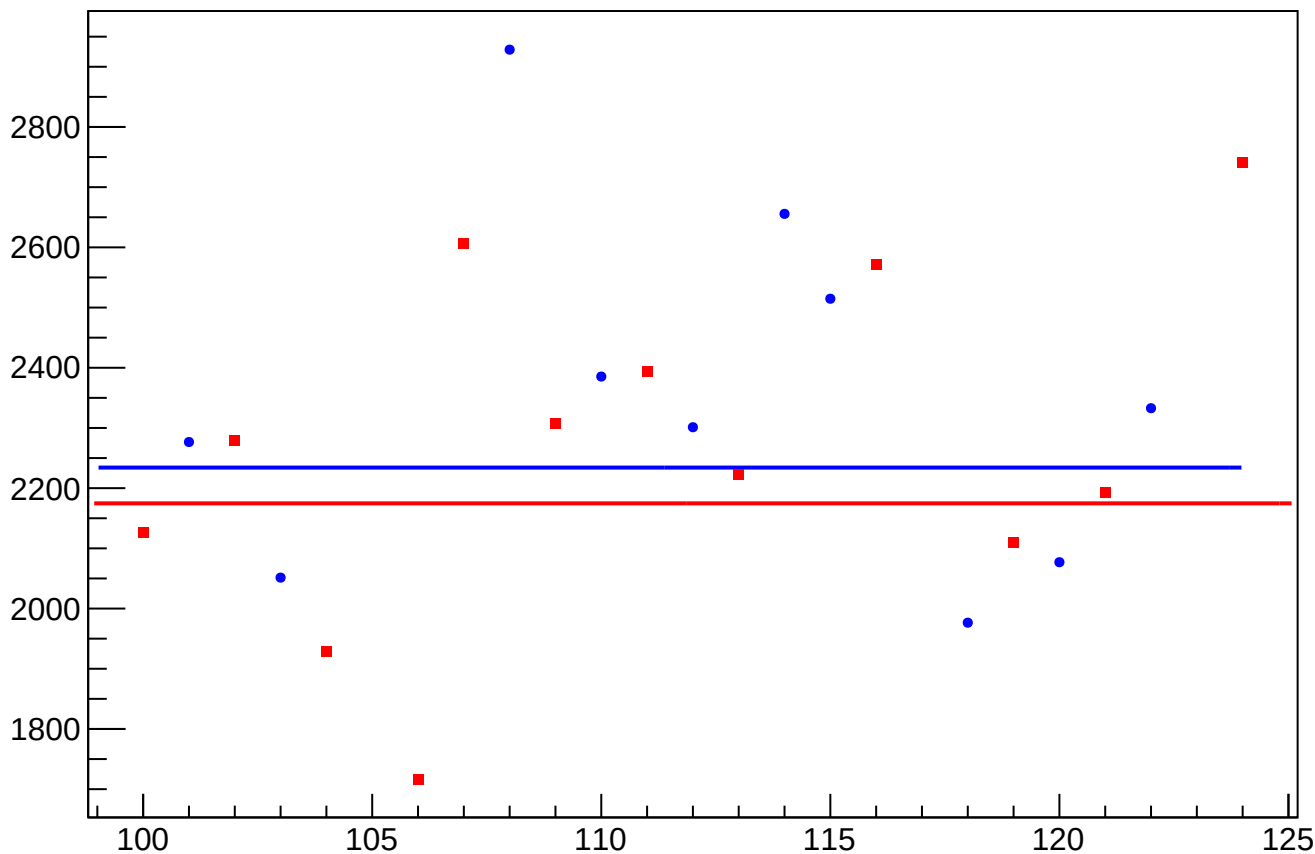
Right: 39.408+/-0.749 χ^2/NDF : 3797.6/21

In: 73.812+/-1.114 χ^2/NDF : 1205.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.408+/-0.749 χ^2/NDF : 3797.6/21

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2234.202+/-0.788 χ^2/NDF : 91182.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2174.775+/-0.715 χ^2/NDF : 115371.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

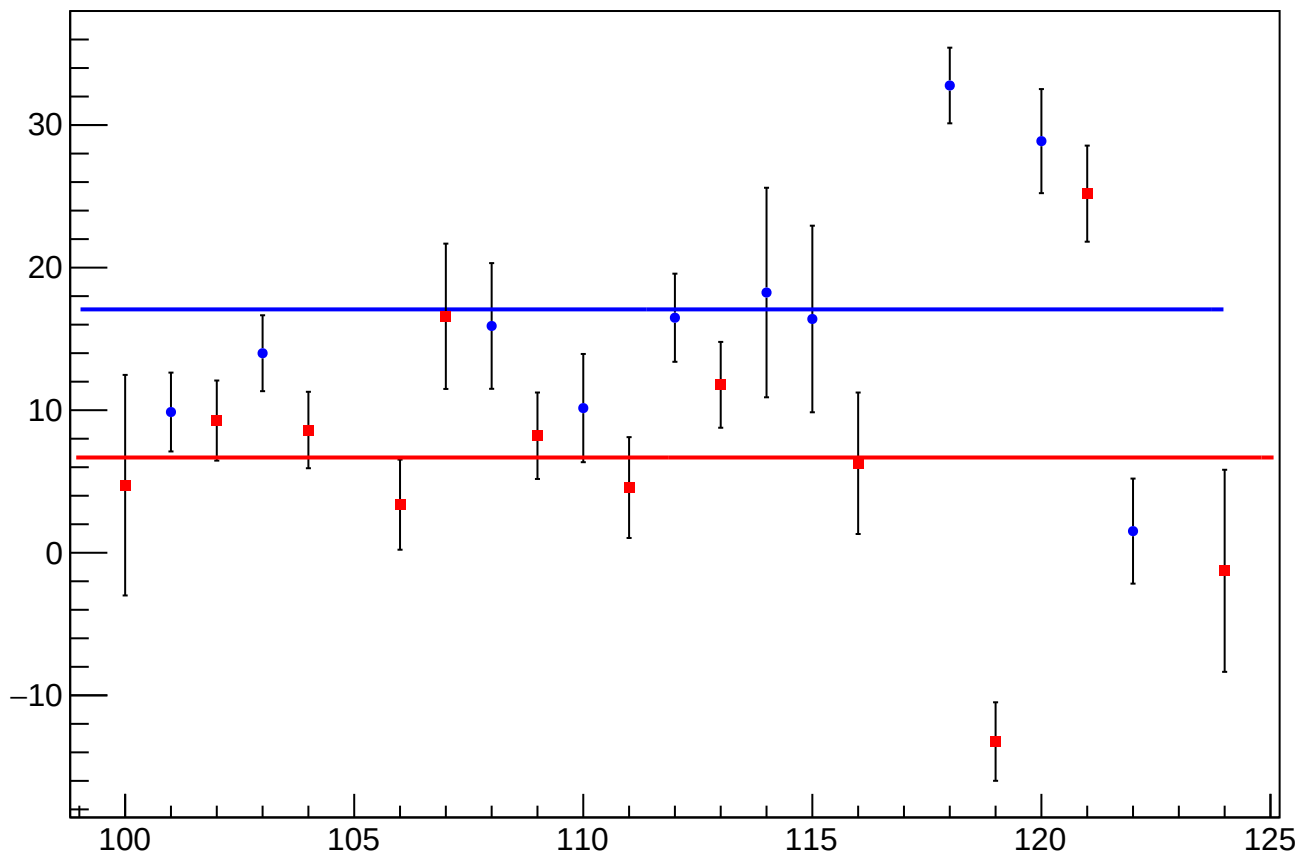
Right: 2201.641+/-0.530 χ^2/NDF : 209673.3/21

In: 2234.202+/-0.788 χ^2/NDF : 91182.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.641+/-0.530 χ^2/NDF : 209673.3/21

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 17.070 $\pm$ 1.098 χ^2 /NDF: 74.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.682 $\pm$ 1.000 χ^2 /NDF: 93.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

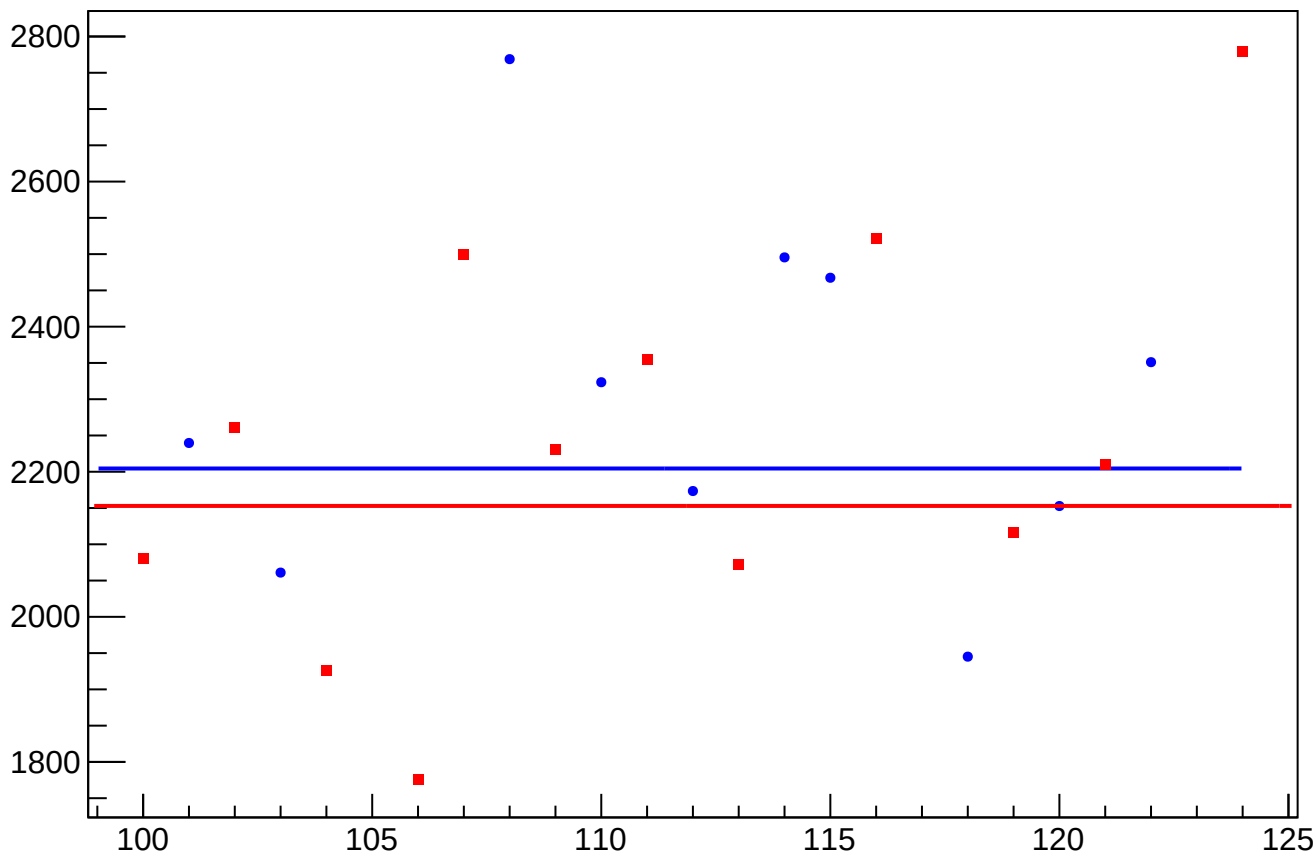
Right: 11.392 $\pm$ 0.739 χ^2 /NDF: 217.4/21

In: 17.070 $\pm$ 1.098 χ^2 /NDF: 74.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.392 $\pm$ 0.739 χ^2 /NDF: 217.4/21

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2204.489+/-0.776 χ^2/NDF : 70107.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2152.896+/-0.707 χ^2/NDF : 91979.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

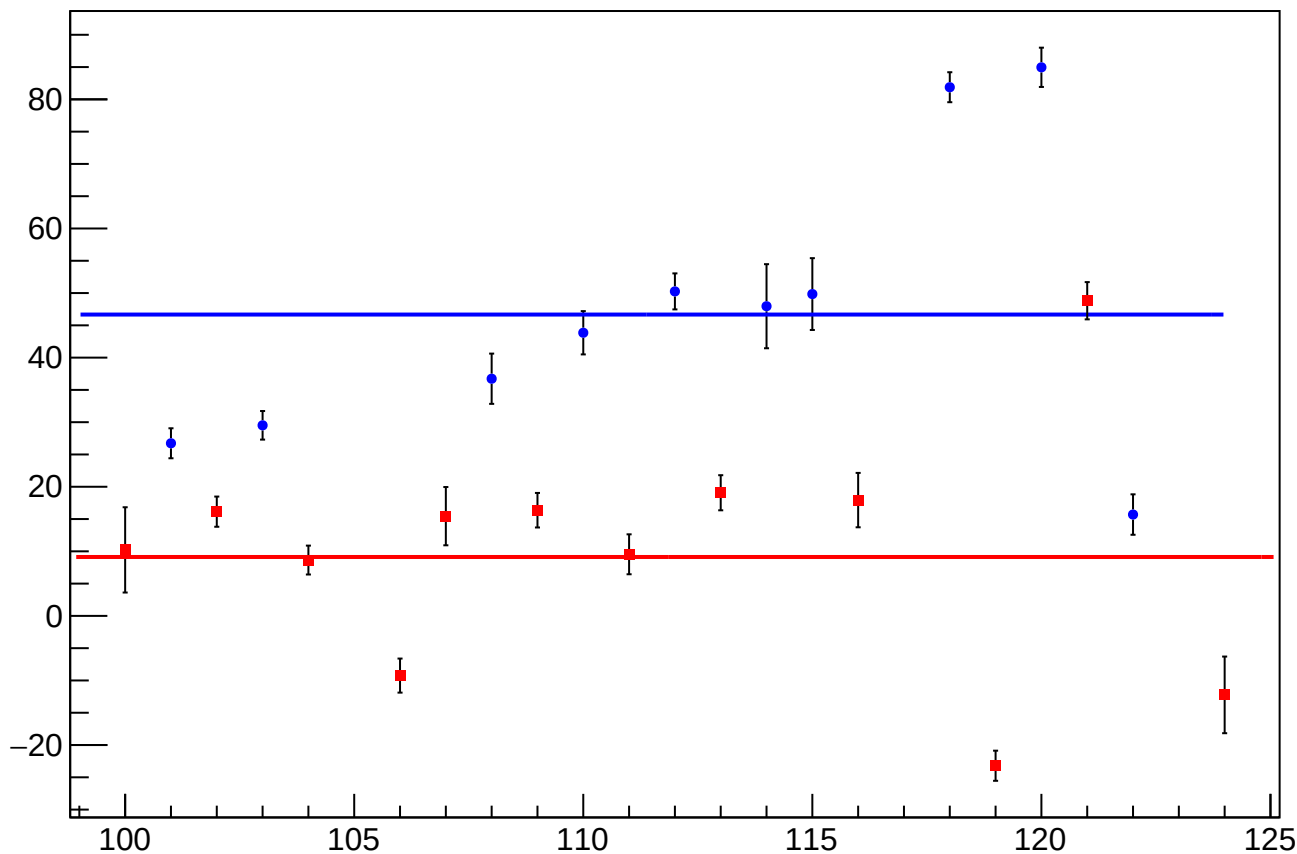
Right: 2176.288+/-0.523 χ^2/NDF : 164502.2/21

In: 2204.489+/-0.776 χ^2/NDF : 70107.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2176.288+/-0.523 χ^2/NDF : 164502.2/21

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 46.670+/-0.943 χ^2/NDF : 629.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.124+/-0.855 χ^2/NDF : 478.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

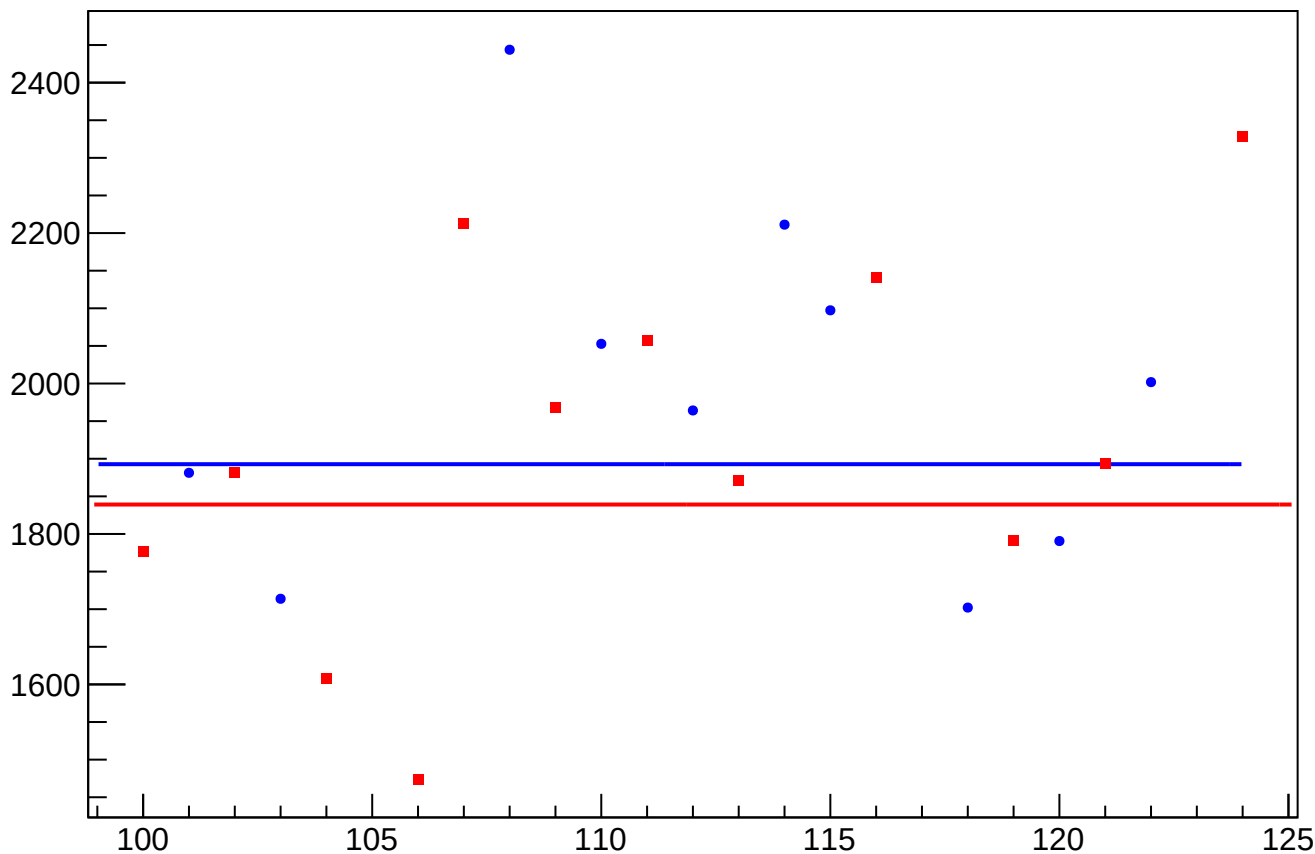
Right: 26.072+/-0.634 χ^2/NDF : 1977.9/21

In: 46.670+/-0.943 χ^2/NDF : 629.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.072+/-0.634 χ^2/NDF : 1977.9/21

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1892.756+/-0.667 χ^2/NDF : 84730.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.125+/-0.605 χ^2/NDF : 114629.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

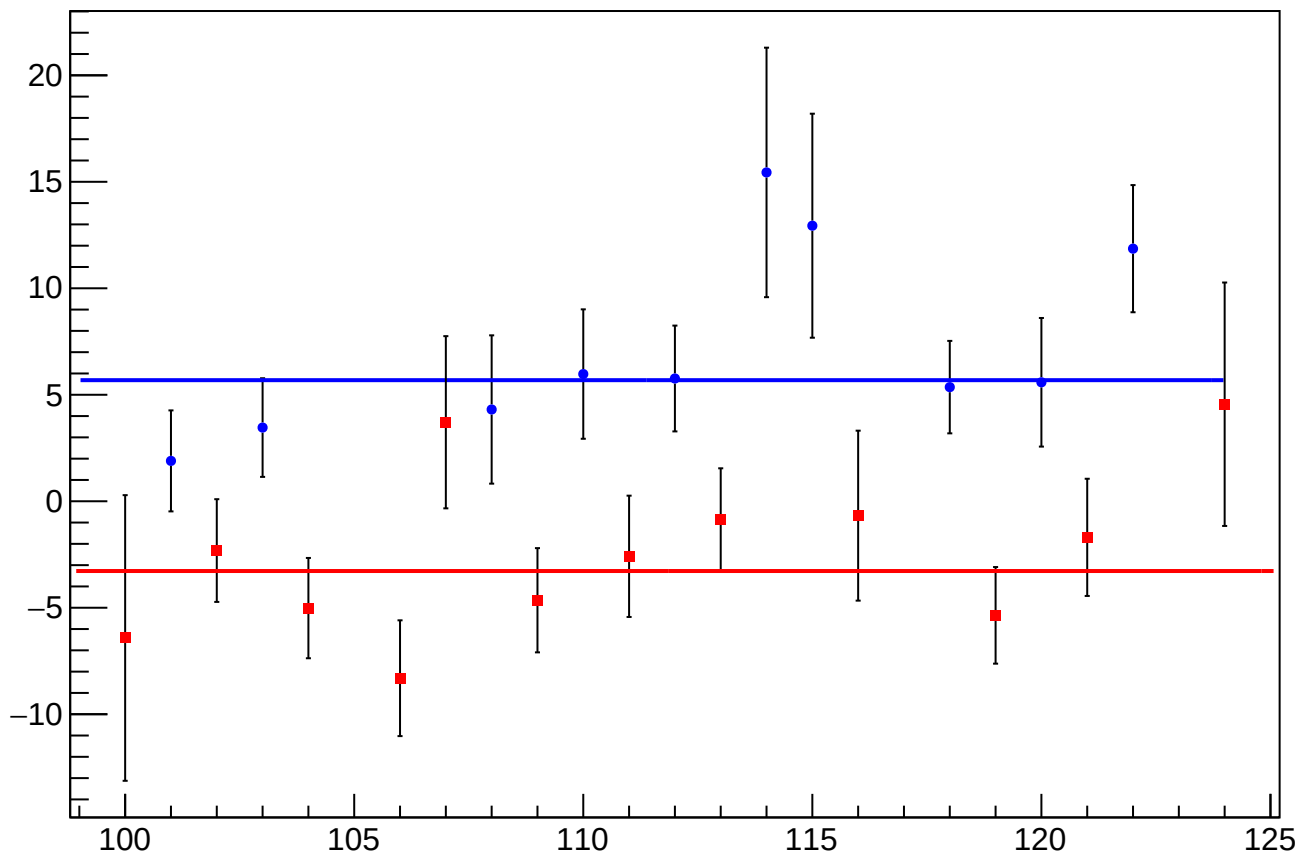
Right: 1863.334+/-0.448 χ^2/NDF : 202908.3/21

In: 1892.756+/-0.667 χ^2/NDF : 84730.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1863.334+/-0.448 χ^2/NDF : 202908.3/21

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 5.686 $\pm$ 0.907 χ^2/NDF : 12.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -3.276 $\pm$ 0.830 χ^2/NDF : 12.2/11

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

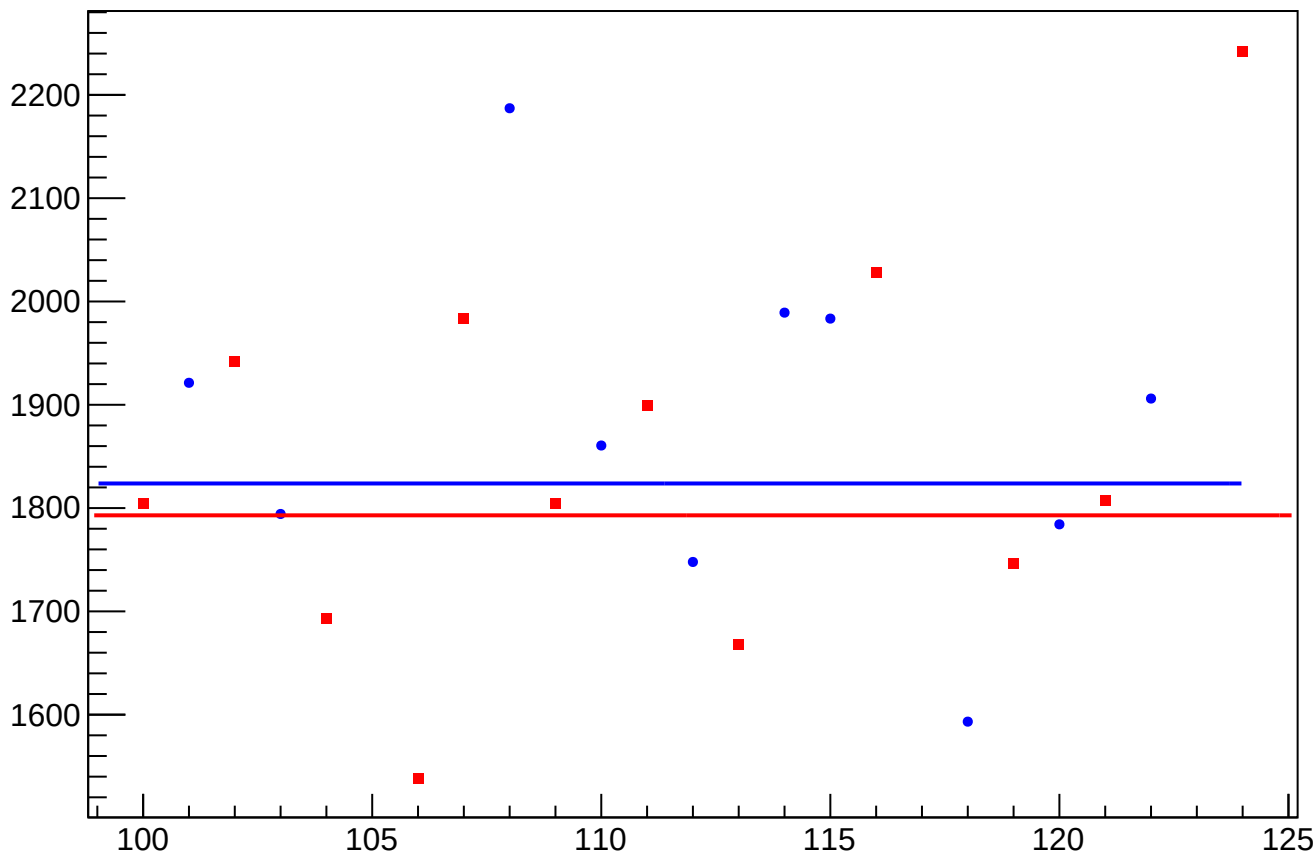
Right: 0.810 $\pm$ 0.612 χ^2/NDF : 77.9/21

In: 5.686 $\pm$ 0.907 χ^2/NDF : 12.6/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.810 $\pm$ 0.612 χ^2/NDF : 77.9/21

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1823.820+/-0.641 χ^2/NDF : 55498.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.980+/-0.587 χ^2/NDF : 61552.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

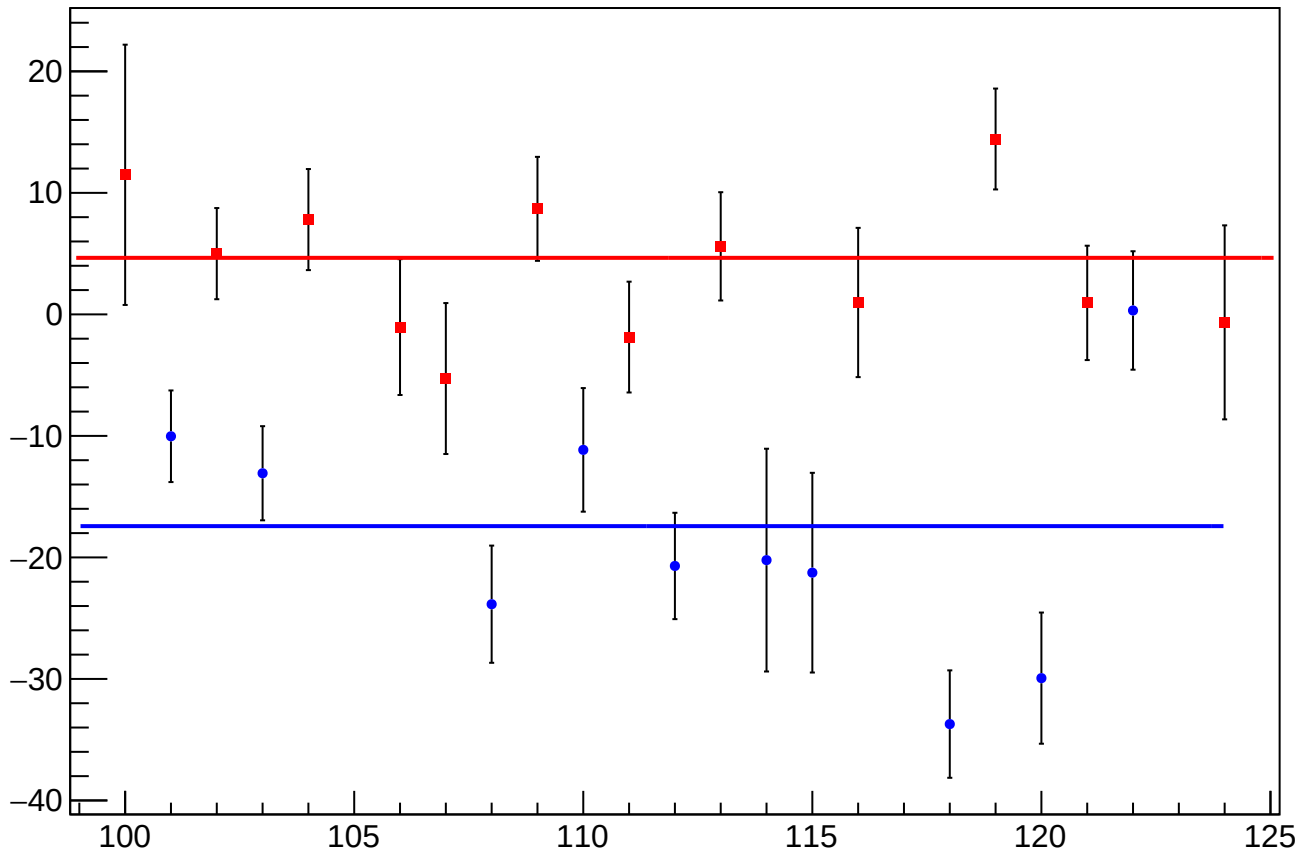
Right: 1807.042+/-0.433 χ^2/NDF : 118310.0/21

In: 1823.820+/-0.641 χ^2/NDF : 55498.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1807.042+/-0.433 χ^2/NDF : 118310.0/21

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -17.426+/-1.534 χ^2/NDF : 41.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.653+/-1.423 χ^2/NDF : 14.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

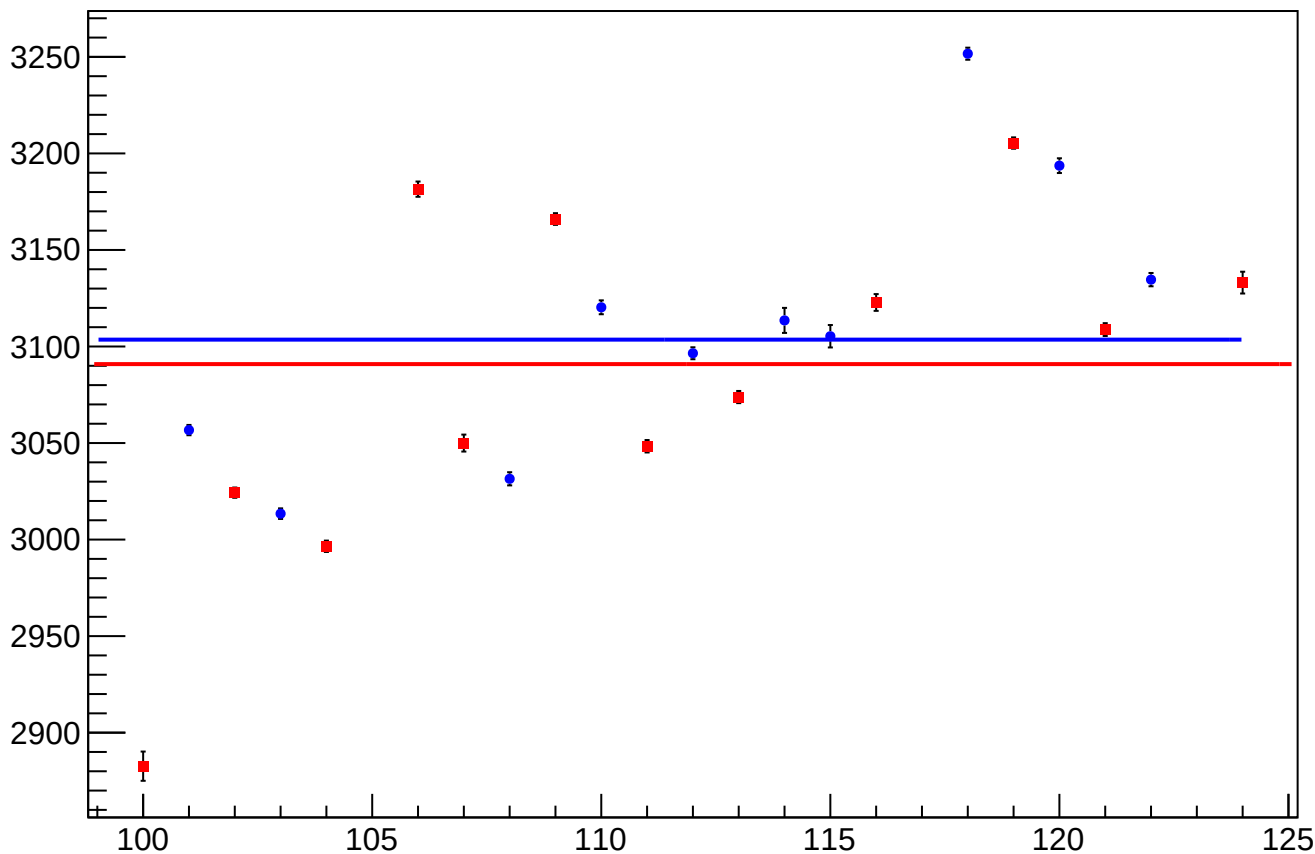
Right: -5.560+/-1.043 χ^2/NDF : 167.4/21

In: -17.426+/-1.534 χ^2/NDF : 41.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.560+/-1.043 χ^2/NDF : 167.4/21

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3103.557 $\pm$ 1.084 χ^2 /NDF: 4750.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3090.883 $\pm$ 1.006 χ^2 /NDF: 5508.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

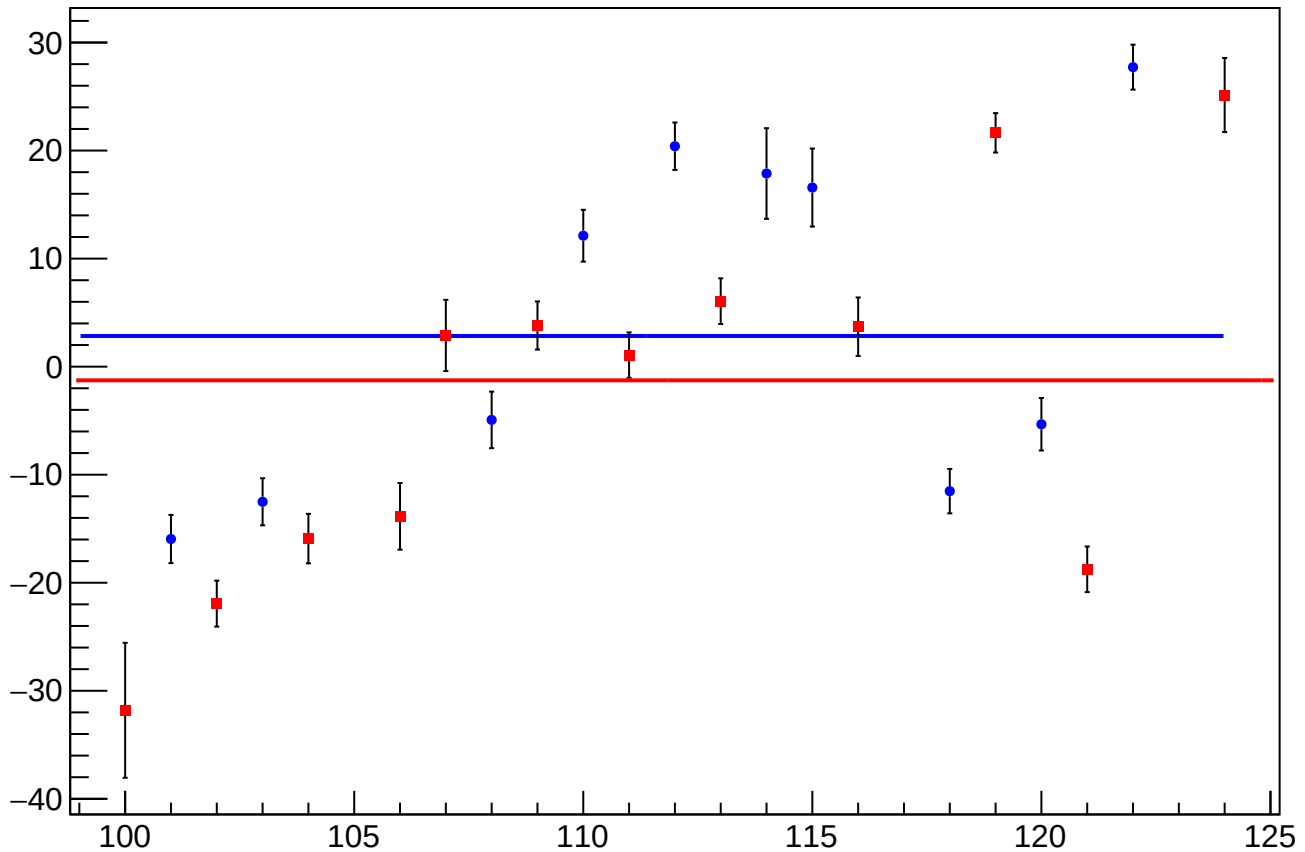
Right: 3096.746 $\pm$ 0.738 χ^2 /NDF: 10332.8/21

In: 3103.557 $\pm$ 1.084 χ^2 /NDF:4750.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3096.746 $\pm$ 0.738 χ^2 /NDF: 10332.8/21

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 2.838+/-0.765 χ^2/NDF : 438.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.267+/-0.701 χ^2/NDF : 485.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

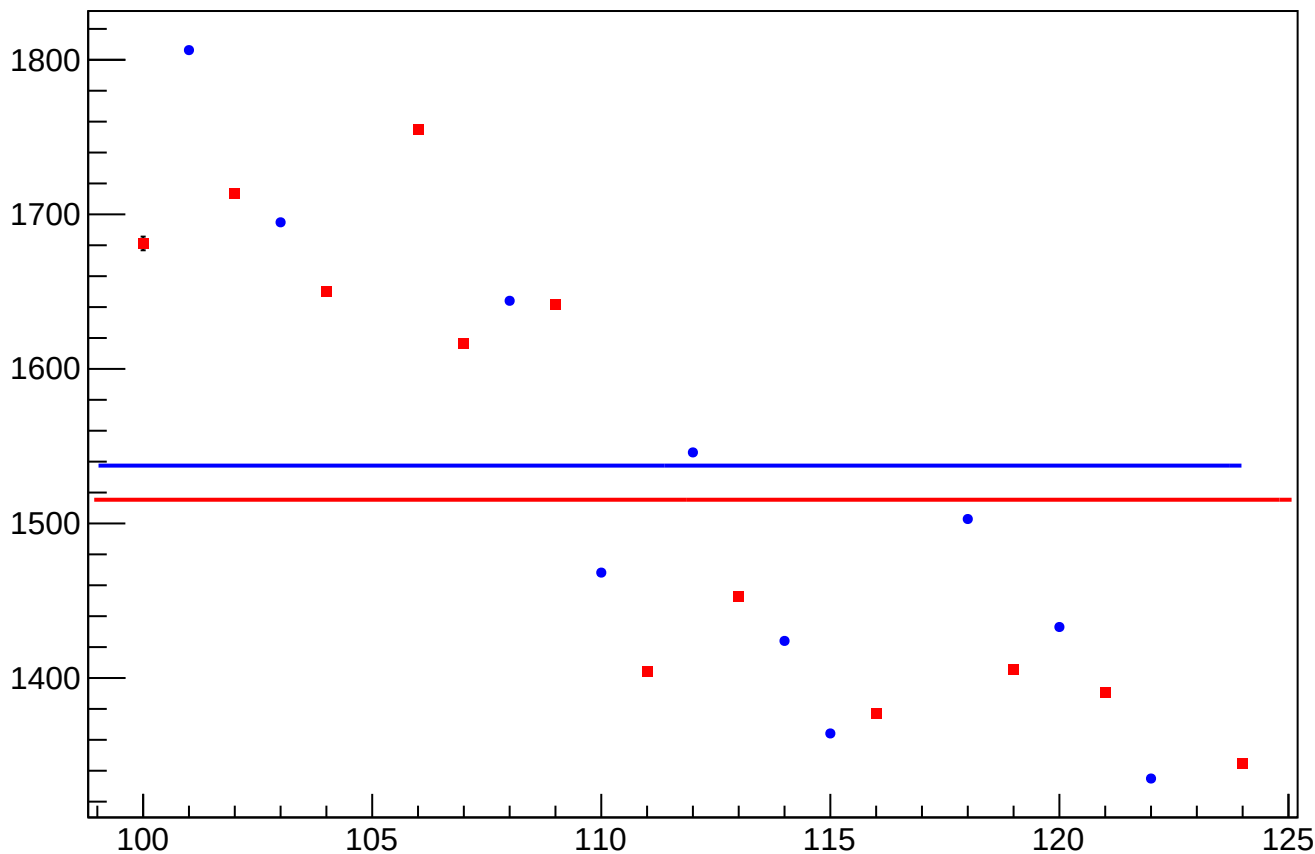
Right: 0.608+/-0.517 χ^2/NDF : 939.5/21

In: 2.838+/-0.765 χ^2/NDF :438.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.608+/-0.517 χ^2/NDF : 939.5/21

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1537.430+/-0.541 χ^2/NDF : 73747.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.348+/-0.496 χ^2/NDF : 77789.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

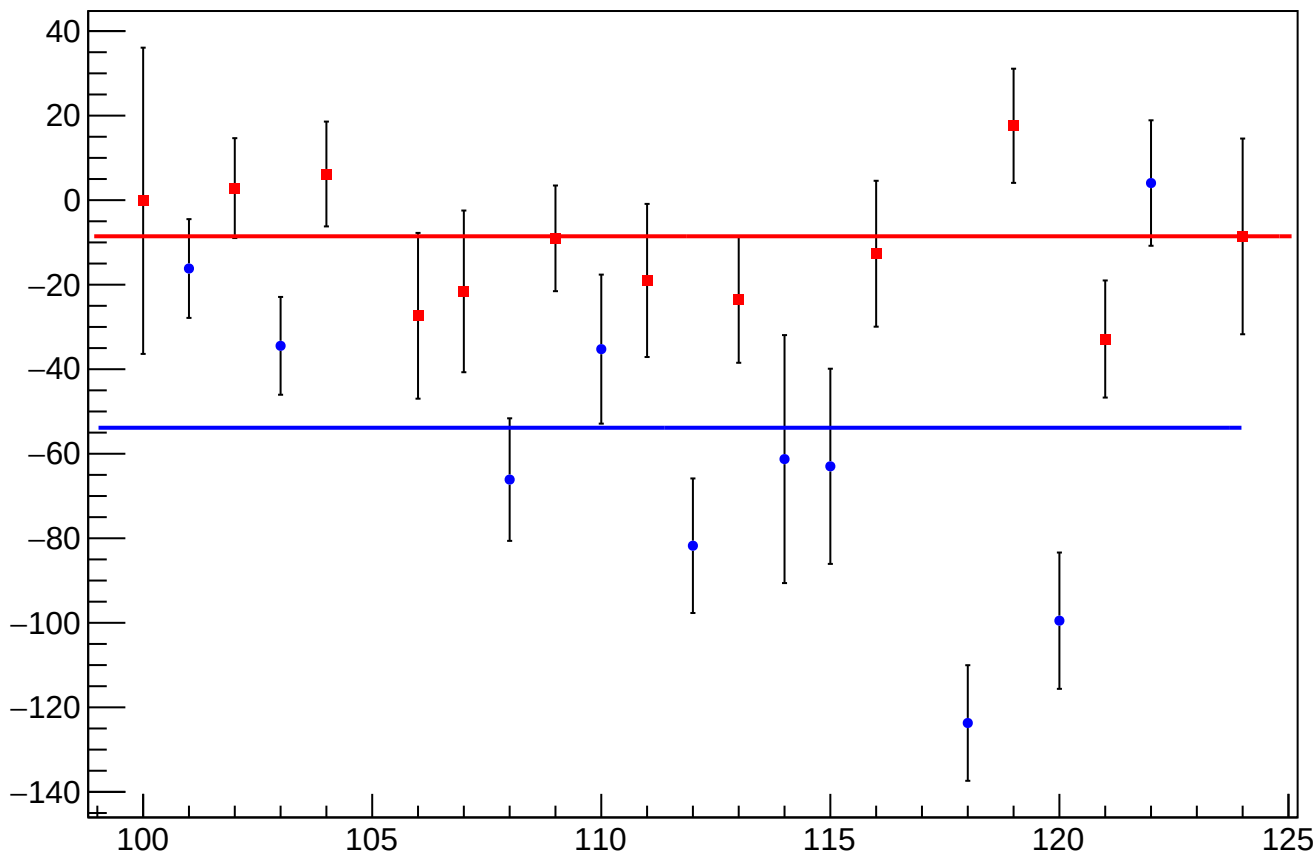
Right: 1525.434+/-0.366 χ^2/NDF : 152442.3/21

In: 1537.430+/-0.541 χ^2/NDF : 73747.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1525.434+/-0.366 χ^2/NDF : 152442.3/21

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -53.848 $\pm$ 4.796 χ^2 /NDF: 67.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.548 $\pm$ 4.490 χ^2 /NDF: 12.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

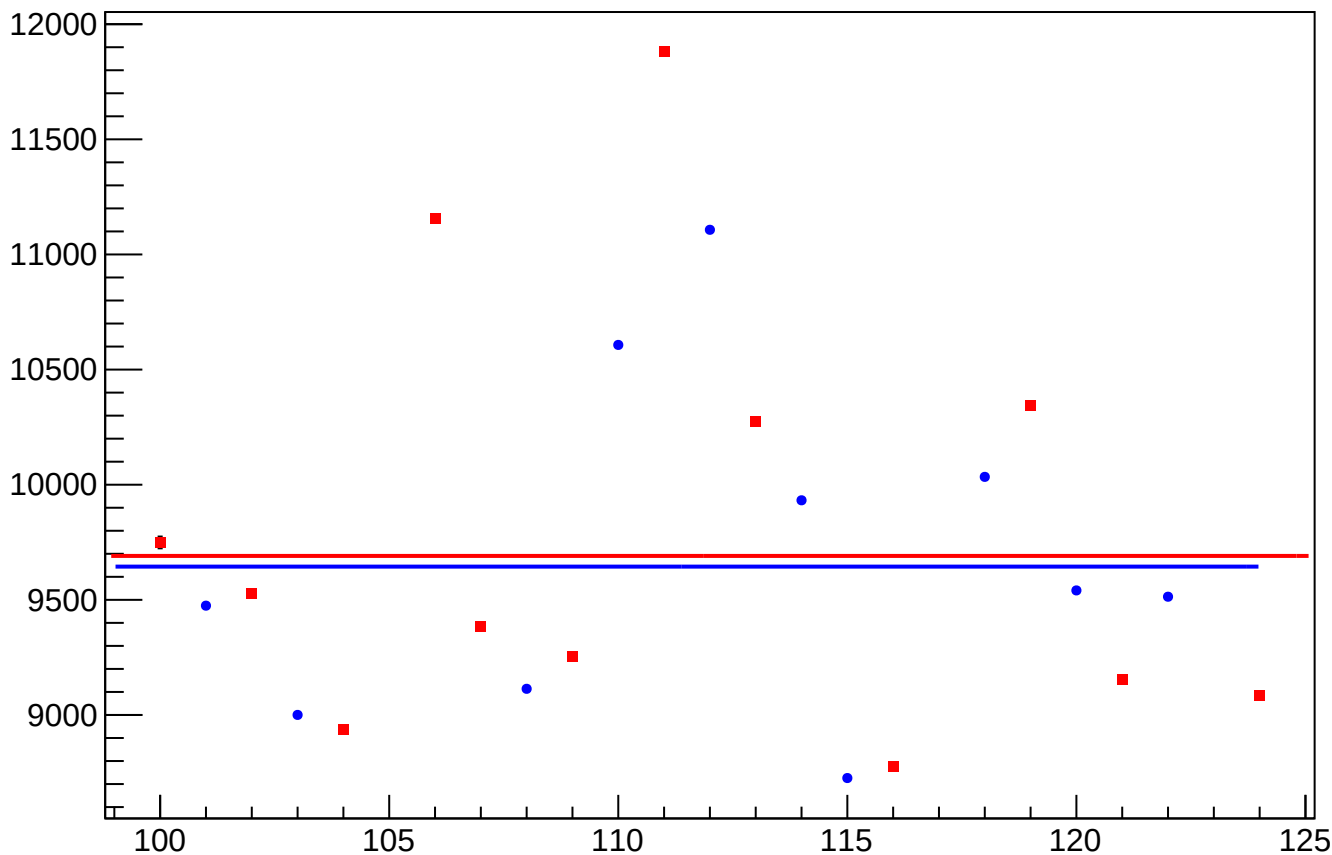
Right: -29.711 $\pm$ 3.278 χ^2 /NDF: 127.2/21

In: -53.848 $\pm$ 4.796 χ^2 /NDF:67.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.711 $\pm$ 3.278 χ^2 /NDF: 127.2/21

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9644.331+/-3.391 χ^2/NDF : 37368.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9690.751+/-3.175 χ^2/NDF : 68954.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

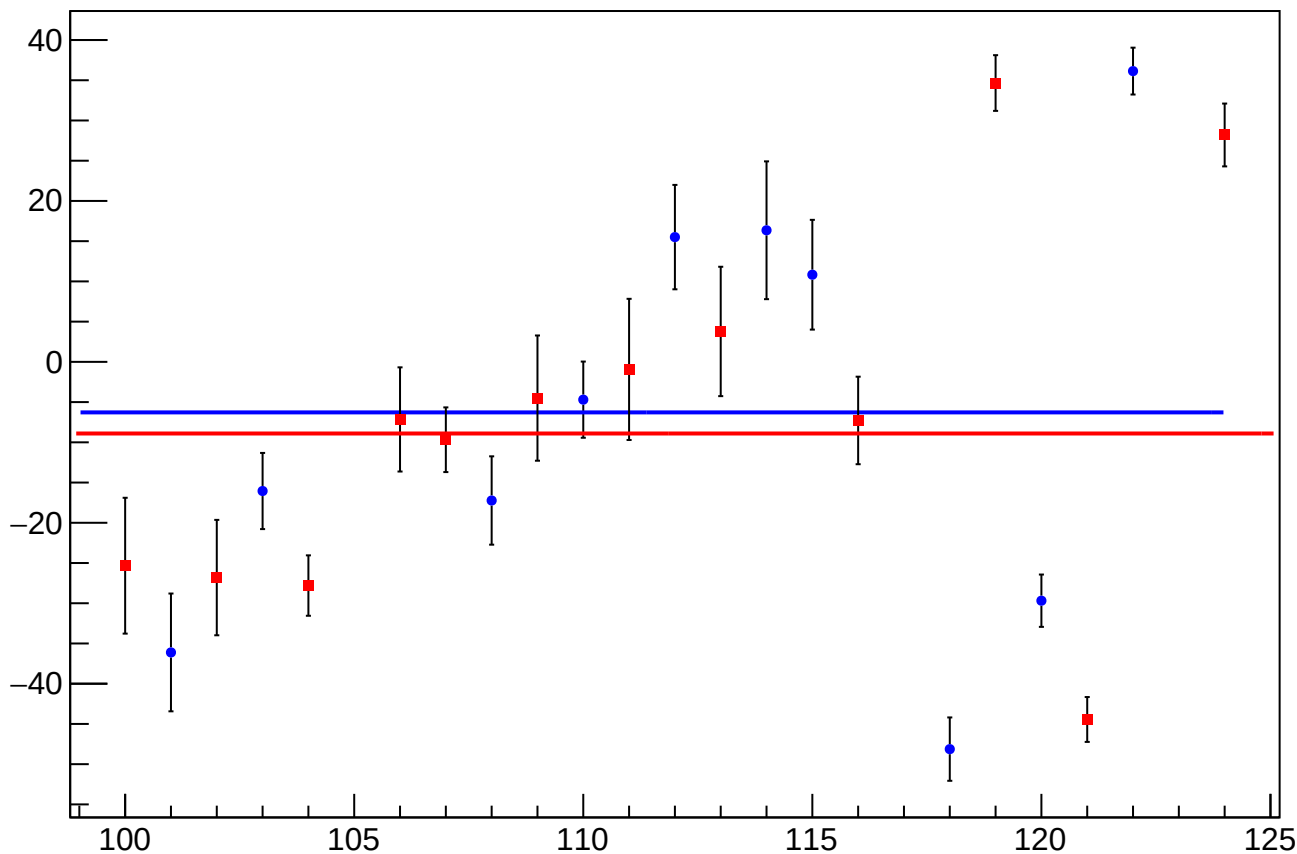
Right: 9669.065+/-2.318 χ^2/NDF : 106422.9/21

In: 9644.331+/-3.391 χ^2/NDF : 37368.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9669.065+/-2.318 χ^2/NDF : 106422.9/21

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -6.280+/-1.448 χ^2/NDF : 426.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -8.903+/-1.353 χ^2/NDF : 450.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

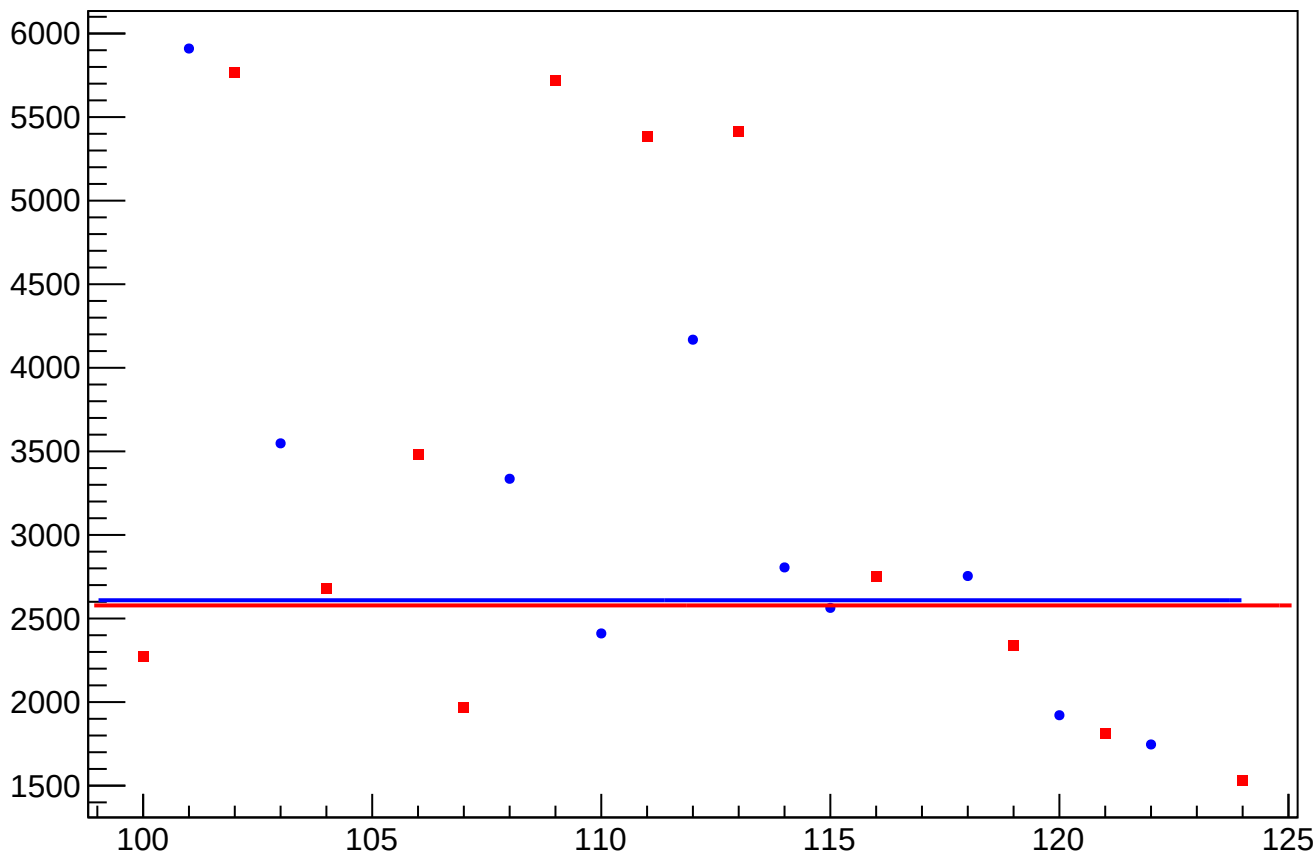
Right: -7.681+/-0.988 χ^2/NDF : 878.6/21

In: -6.280+/-1.448 χ^2/NDF :426.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.681+/-0.988 χ^2/NDF : 878.6/21

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2609.309+/-1.024 χ^2/NDF : 908452.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2578.342+/-0.956 χ^2/NDF : 1568821.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

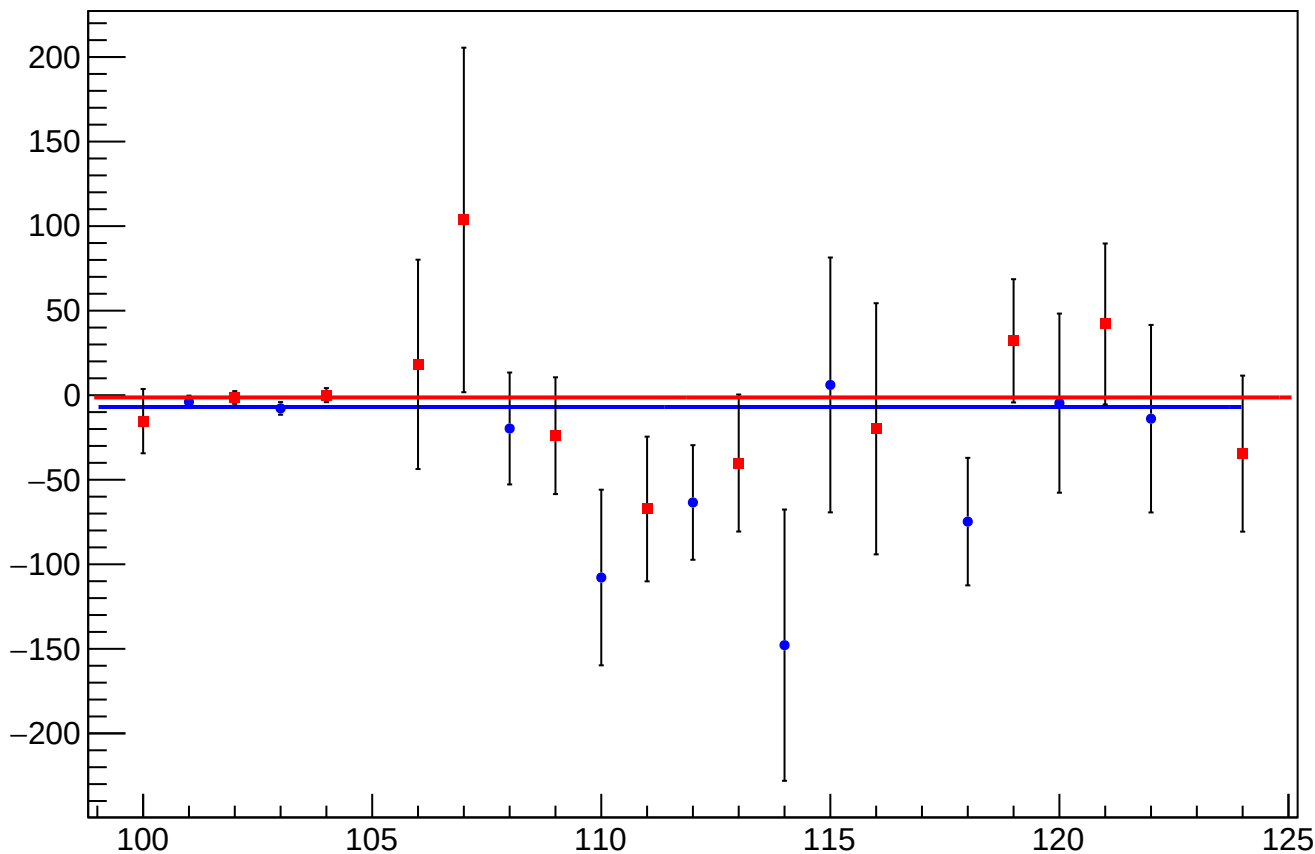
Right: 2592.774+/-0.699 χ^2/NDF : 2477763.2/21

In: 2609.309+/-1.024 χ^2/NDF : 908452.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2592.774+/-0.699 χ^2/NDF : 2477763.2/21

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.982 $\pm$ 2.582 χ^2 /NDF: 13.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.315 $\pm$ 2.713 χ^2 /NDF: 7.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

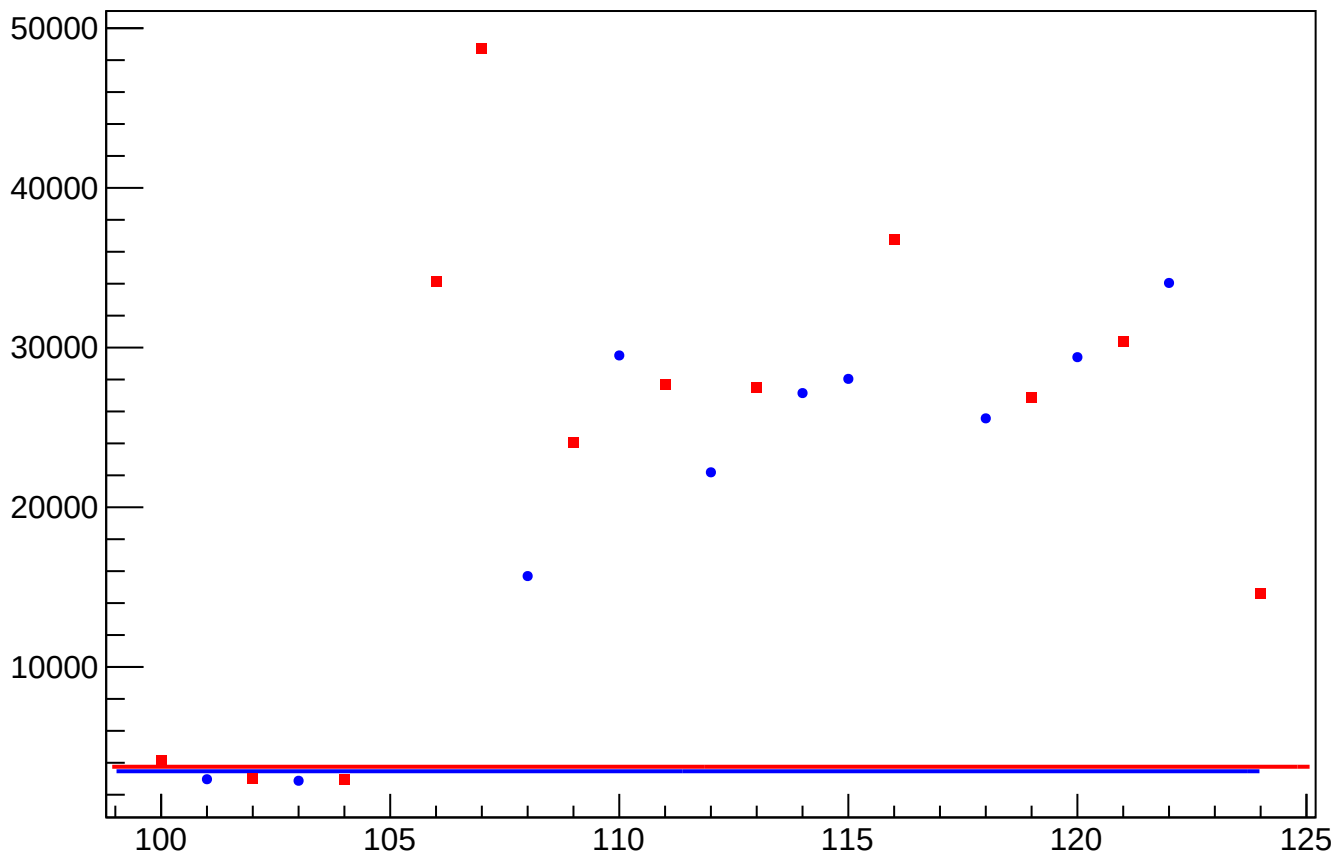
Right: -4.289 $\pm$ 1.870 χ^2 /NDF: 23.9/21

In: -6.982 $\pm$ 2.582 χ^2 /NDF:13.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.289 $\pm$ 1.870 χ^2 /NDF: 23.9/21

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3469.728+/-1.825 χ^2/NDF : 3634971.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3751.872+/-1.919 χ^2/NDF : 4963593.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

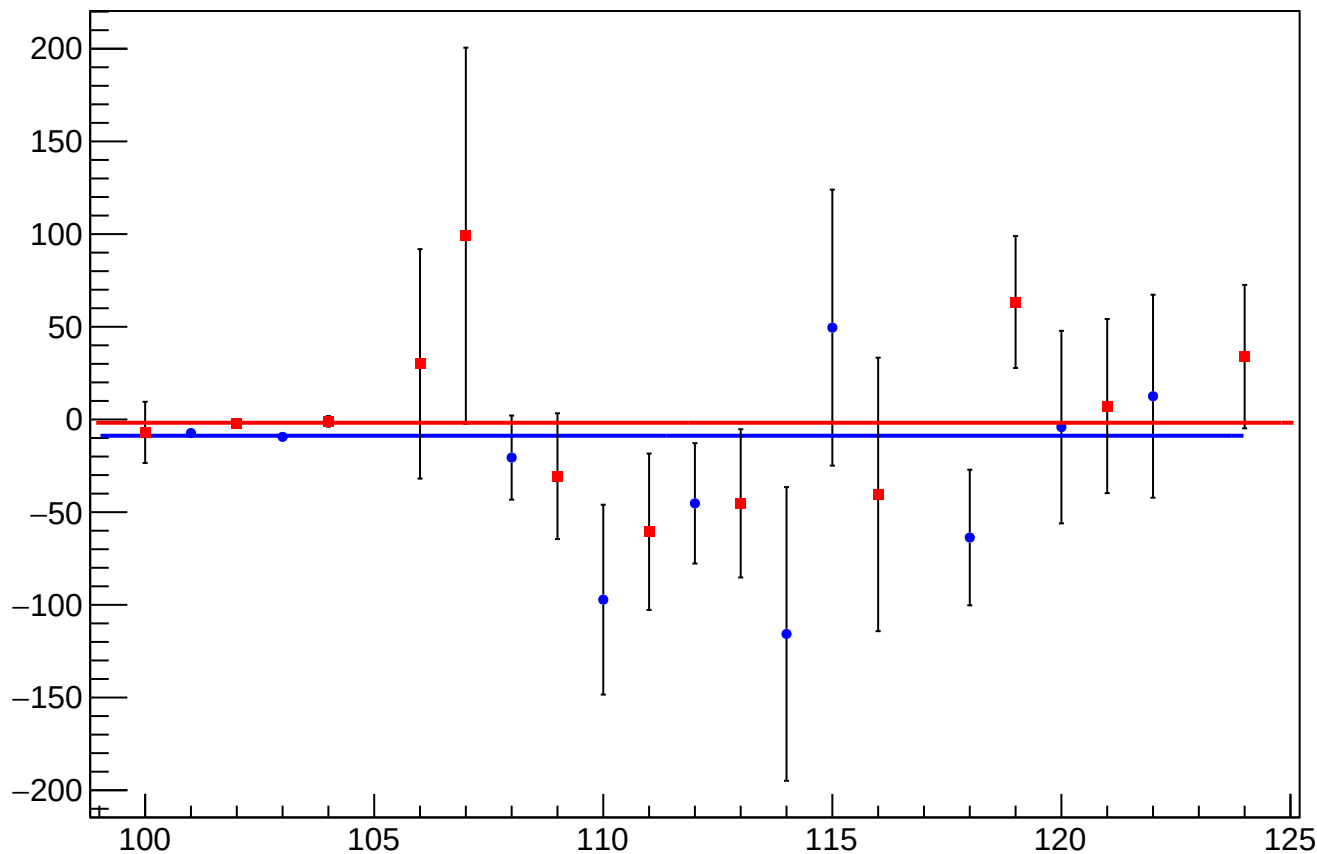
Right: 3603.780+/-1.323 χ^2/NDF : 8609915.3/21

In: 3469.728+/-1.825 χ^2/NDF : 3634971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3603.780+/-1.323 χ^2/NDF : 8609915.3/21

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.770 ± 1.775 χ^2/NDF : 9.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.762 ± 1.875 χ^2/NDF : 9.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

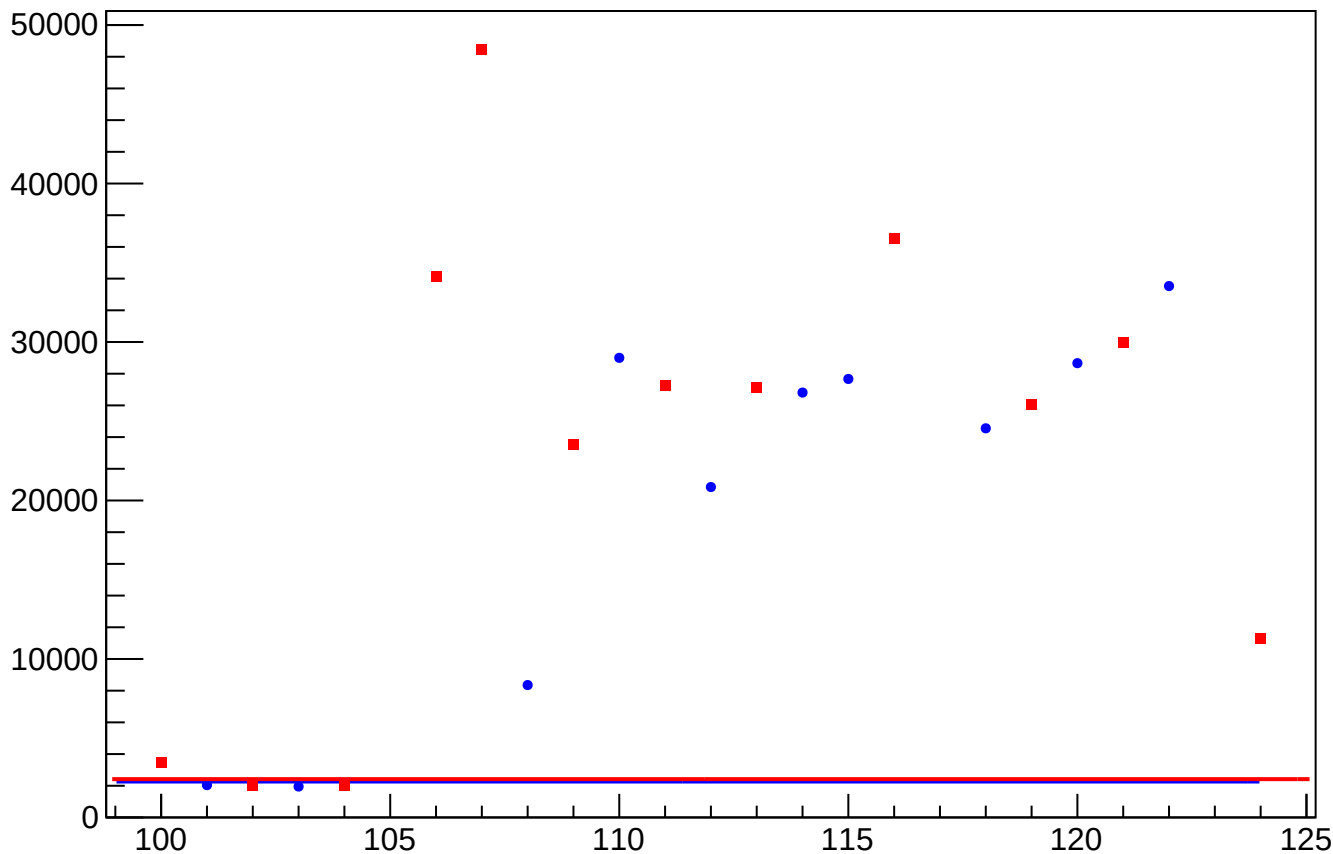
Right: -5.458 ± 1.289 χ^2/NDF : 26.9/21

In: -8.770 ± 1.775 χ^2/NDF : 9.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.458 ± 1.289 χ^2/NDF : 26.9/21

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2267.256+/-1.255 χ^2/NDF : 3727623.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2417.972+/-1.326 χ^2/NDF : 5363925.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

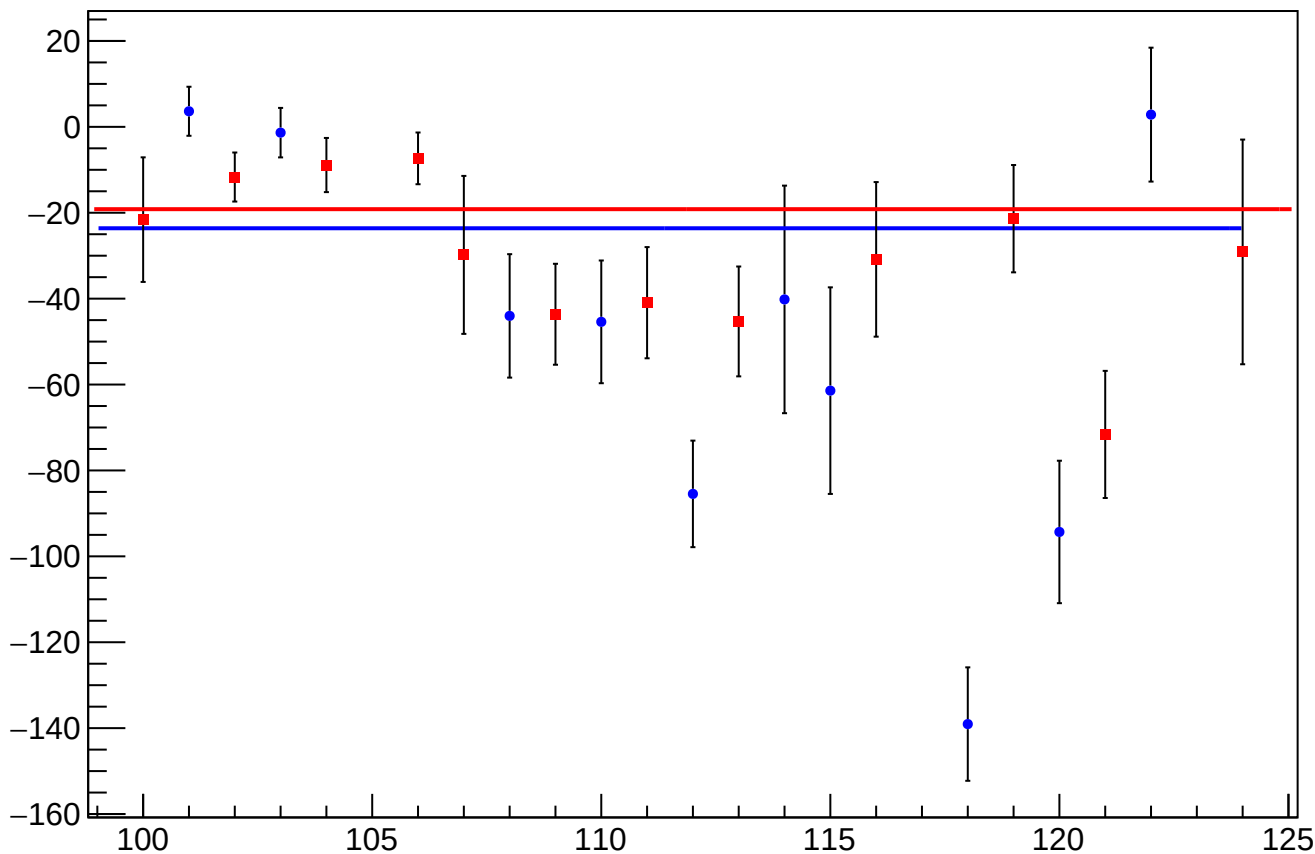
Right: 2338.479+/-0.912 χ^2/NDF : 9098362.5/21

In: 2267.256+/-1.255 χ^2/NDF : 3727623.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2338.479+/-0.912 χ^2/NDF : 9098362.5/21

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -23.612 $\pm$ 3.267 χ^2 /NDF: 167.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.167 $\pm$ 2.818 χ^2 /NDF: 33.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

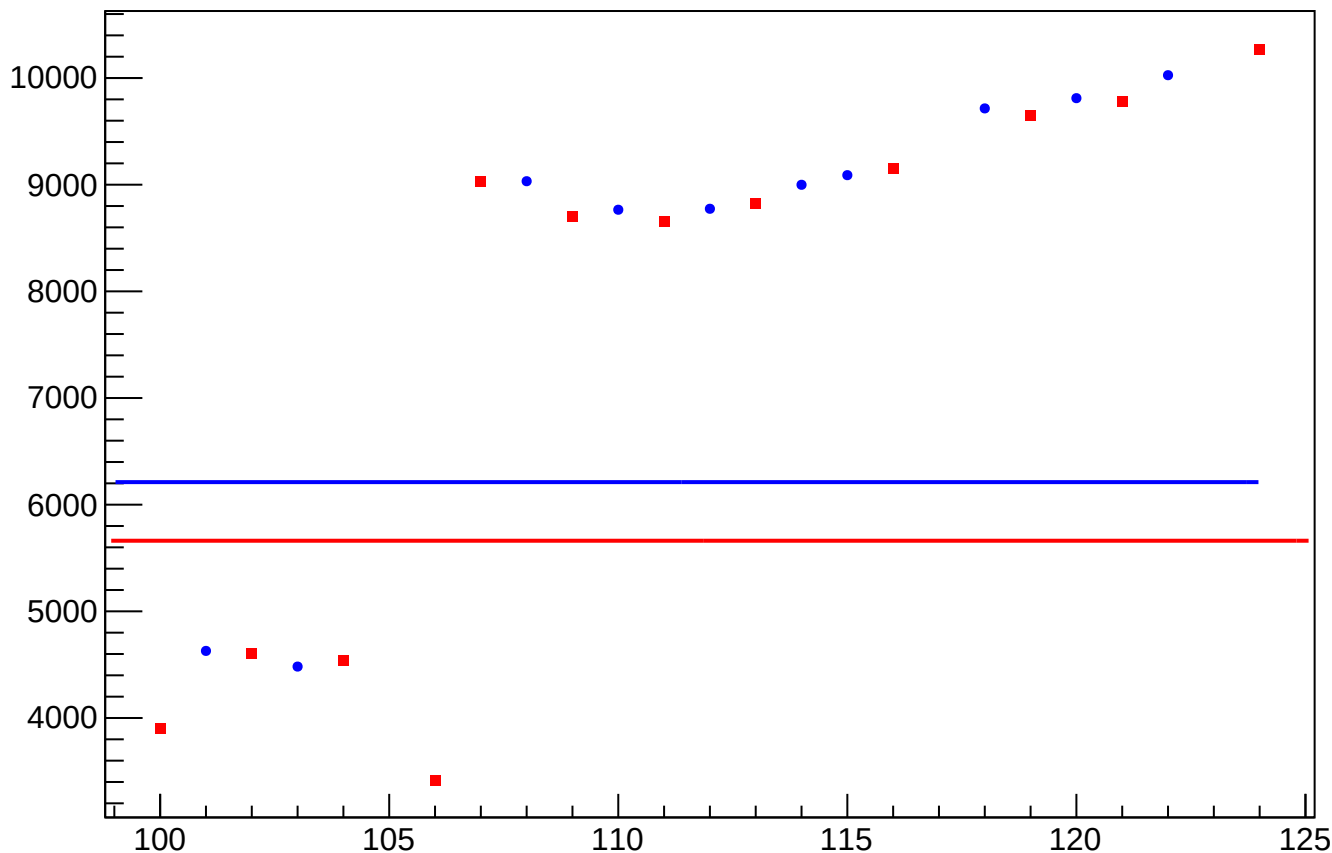
Right: -21.063 $\pm$ 2.134 χ^2 /NDF: 201.4/21

In: -23.612 $\pm$ 3.267 χ^2 /NDF:167.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.063 $\pm$ 2.134 χ^2 /NDF: 201.4/21

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6211.416+/-2.310 χ^2/NDF : 965829.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5661.964+/-1.992 χ^2/NDF : 1364531.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

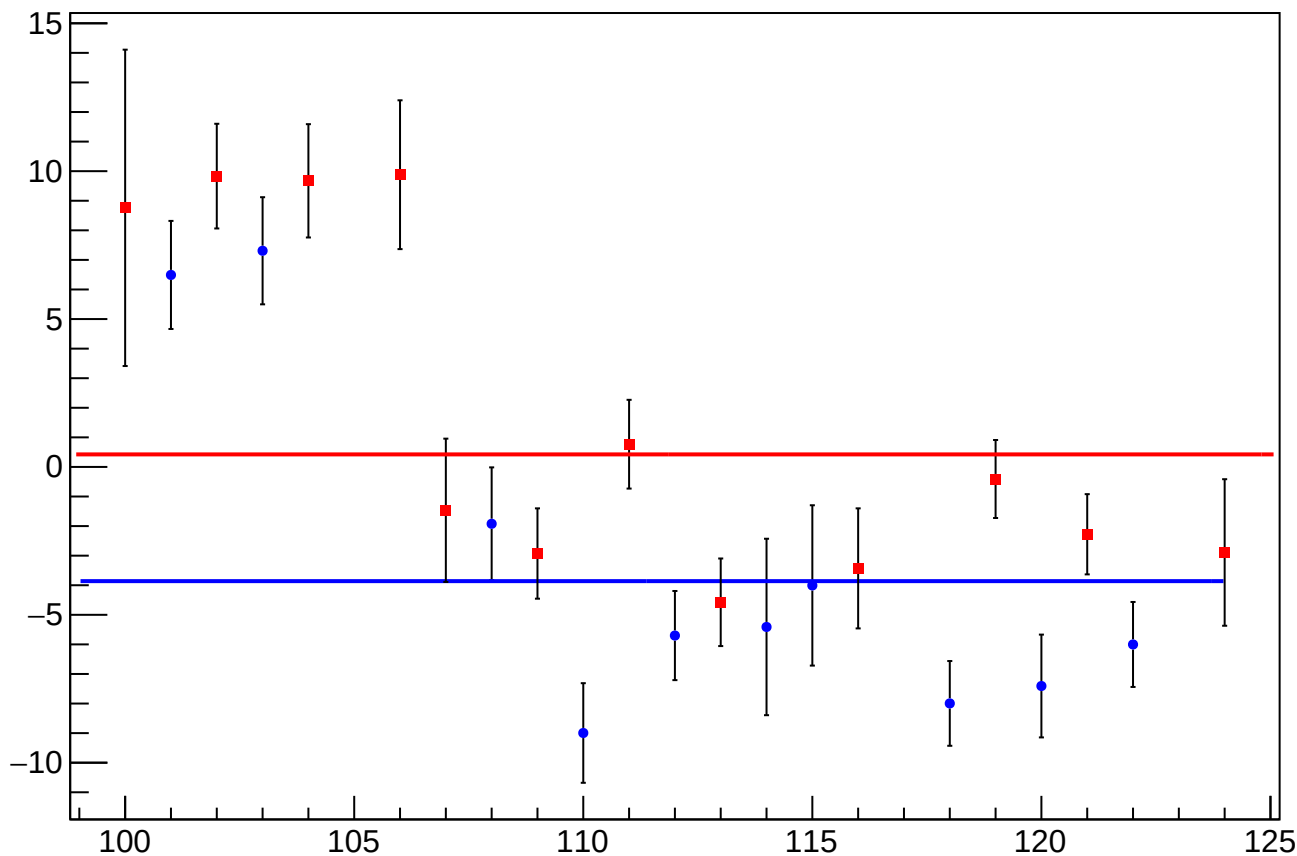
Right: 5896.339+/-1.509 χ^2/NDF : 2362800.5/21

In: 6211.416+/-2.310 χ^2/NDF : 965829.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5896.339+/-1.509 χ^2/NDF : 2362800.5/21

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.861 ± 0.557 χ^2/NDF : 96.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.424 ± 0.512 χ^2/NDF : 94.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

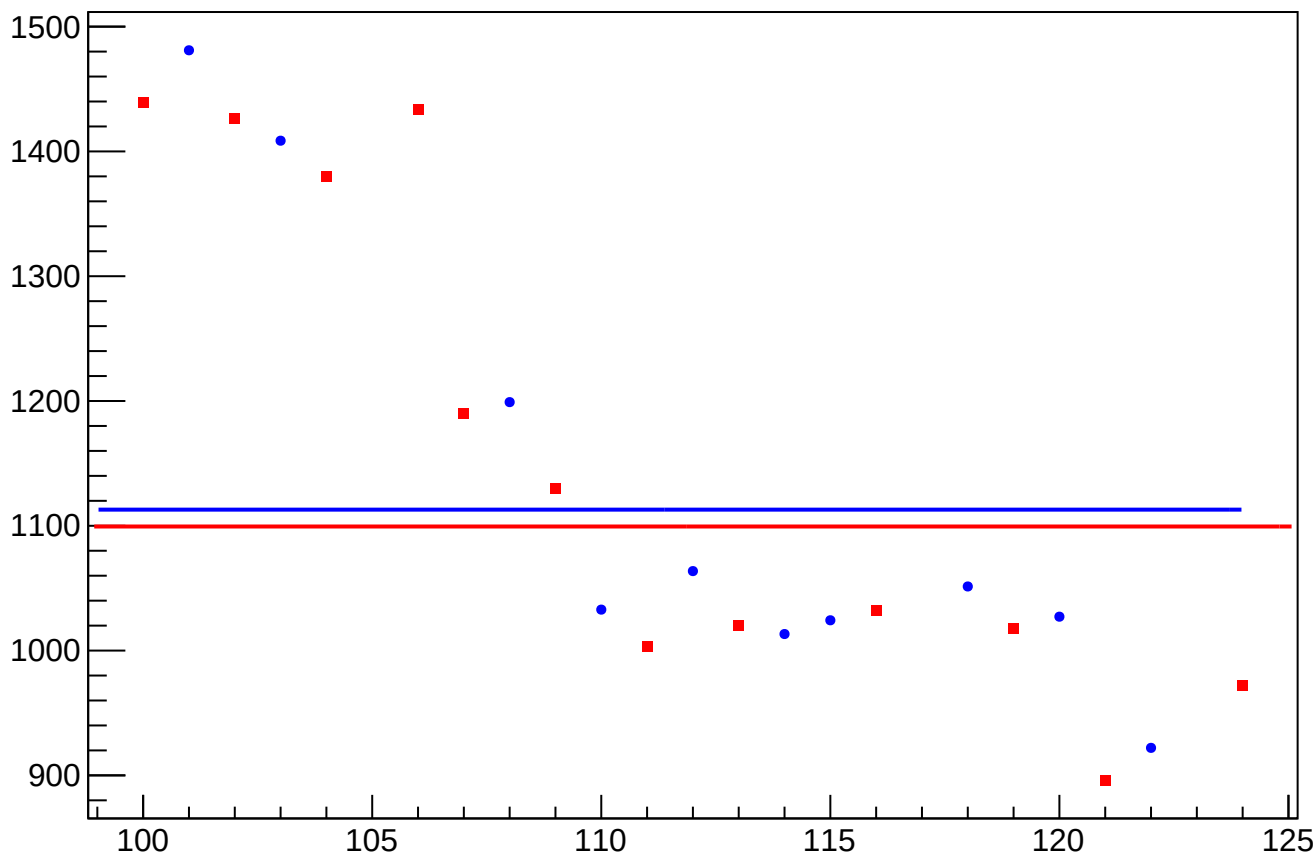
Right: -1.540 ± 0.377 χ^2/NDF : 223.8/21

In: -3.861 ± 0.557 χ^2/NDF : 96.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.540 ± 0.377 χ^2/NDF : 223.8/21

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1112.944+/-0.394 χ^2/NDF : 193470.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.432+/-0.362 χ^2/NDF : 232528.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

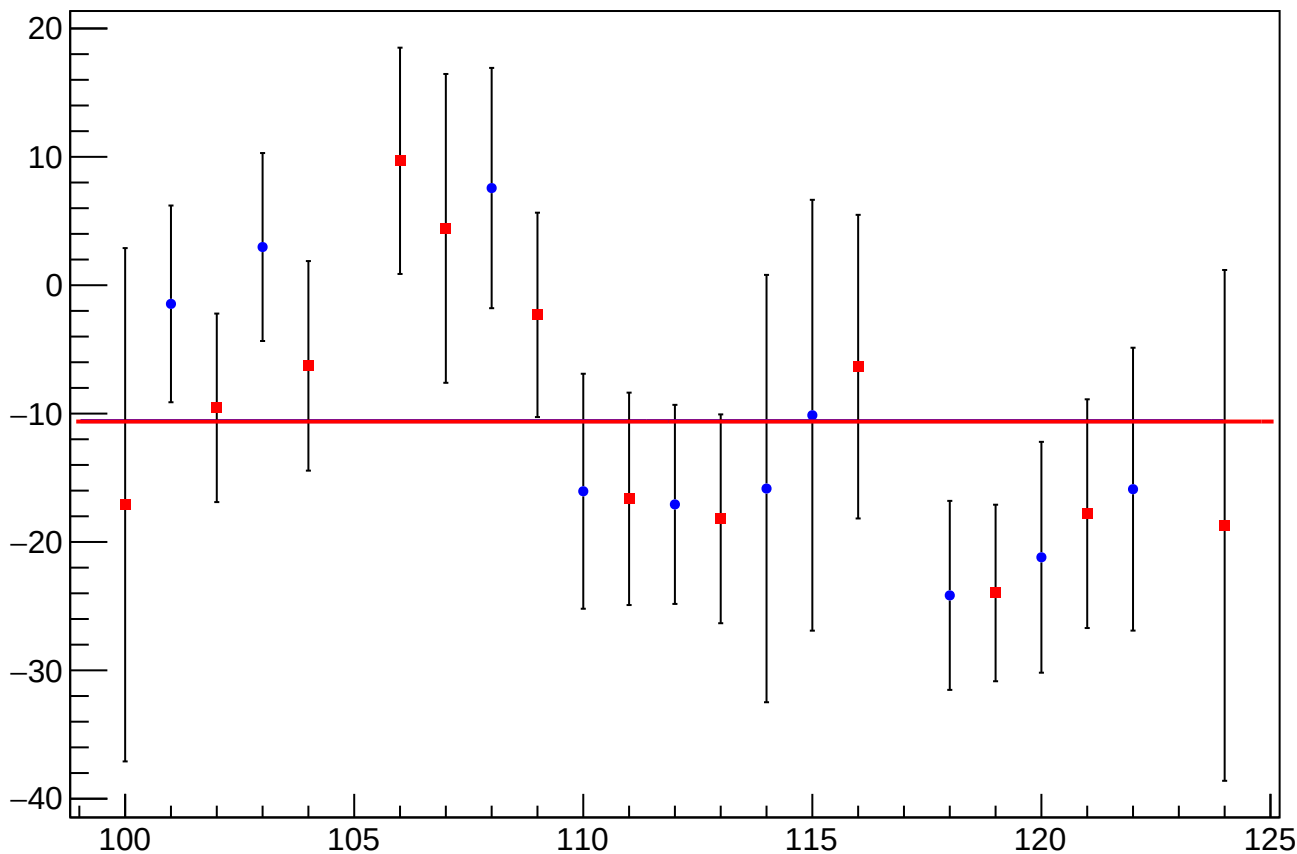
Right: 1105.625+/-0.267 χ^2/NDF : 426637.1/21

In: 1112.944+/-0.394 χ^2/NDF : 193470.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.625+/-0.267 χ^2/NDF : 426637.1/21

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.586+/-2.864 χ^2/NDF : 14.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -10.619+/-2.628 χ^2/NDF : 14.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

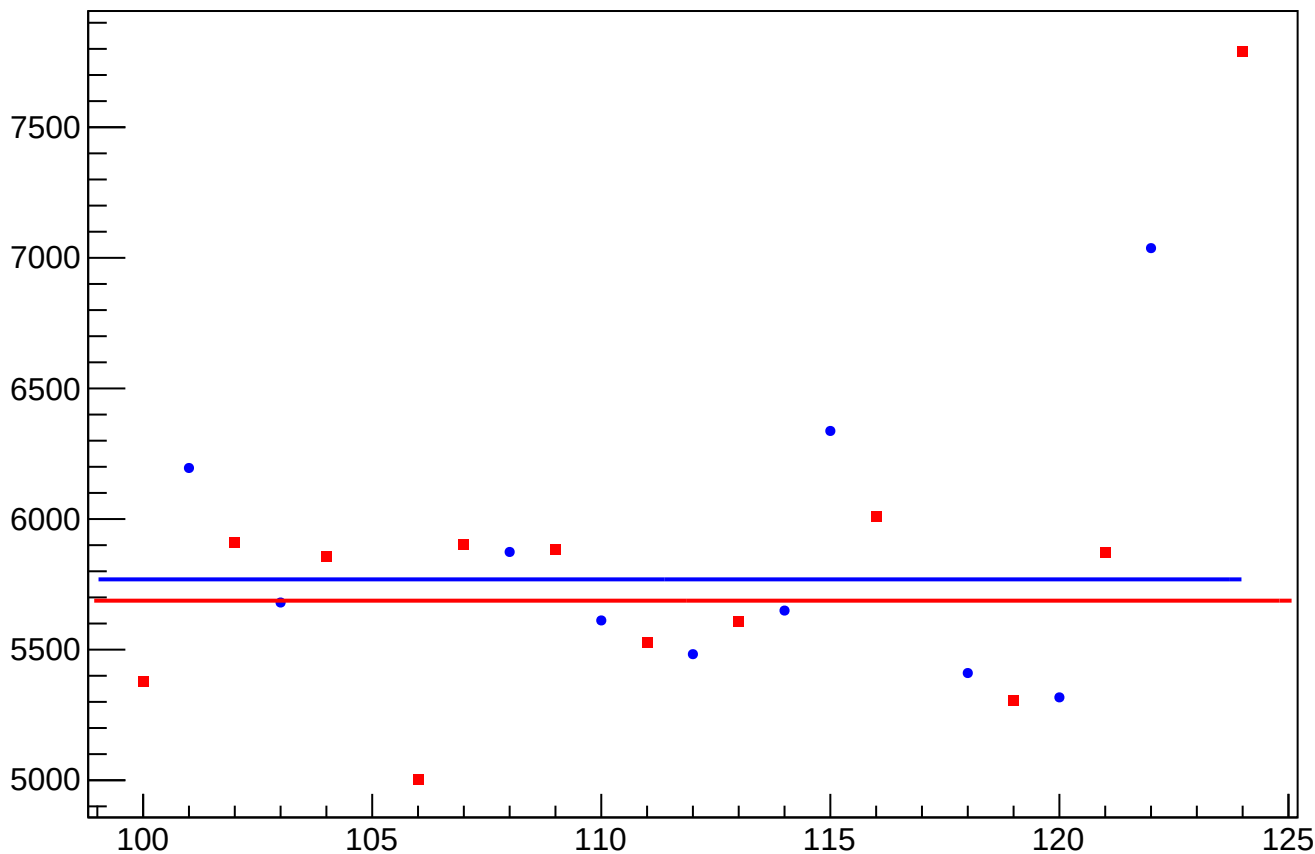
Right: -10.604+/-1.936 χ^2/NDF : 29.3/21

In: -10.586+/-2.864 χ^2/NDF :14.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -10.604+/-1.936 χ^2/NDF : 29.3/21

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5769.040+/-2.025 χ^2/NDF : 48745.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5687.518+/-1.858 χ^2/NDF : 48762.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

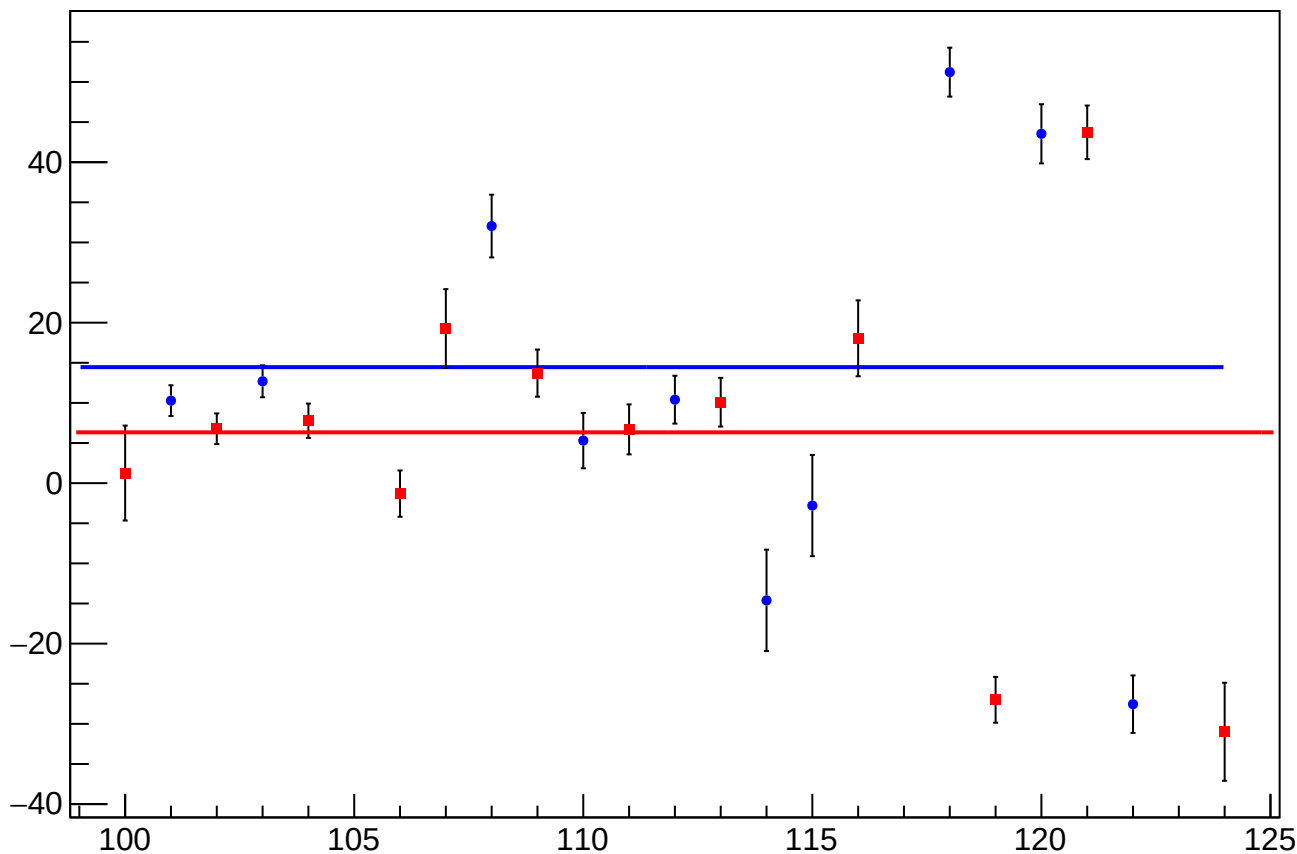
Right: 5724.783+/-1.369 χ^2/NDF : 98387.7/21

In: 5769.040+/-2.025 χ^2/NDF : 48745.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5724.783+/-1.369 χ^2/NDF : 98387.7/21

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 14.459+/-0.955 χ^2/NDF : 408.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.333+/-0.879 χ^2/NDF : 328.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

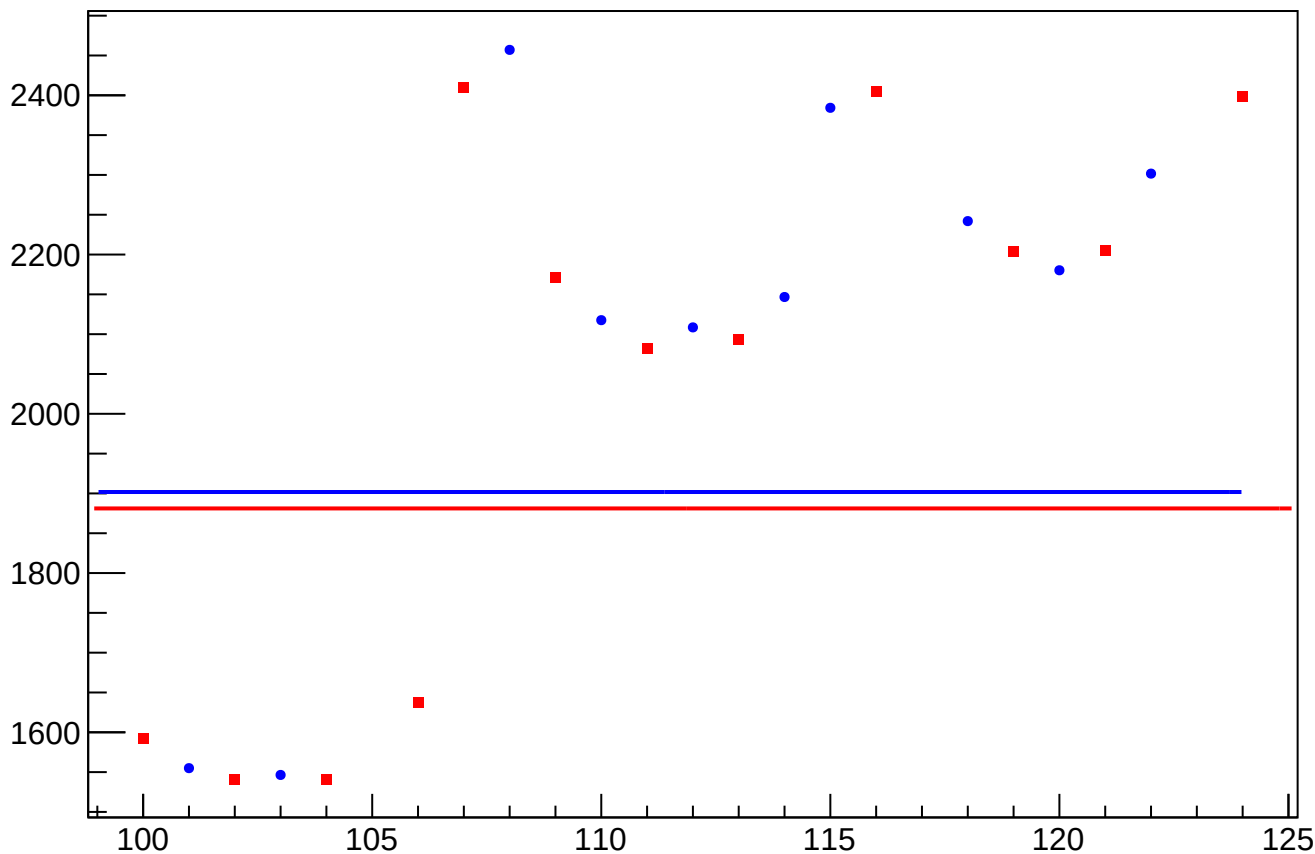
Right: 10.059+/-0.647 χ^2/NDF : 776.1/21

In: 14.459+/-0.955 χ^2/NDF :408.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.059+/-0.647 χ^2/NDF : 776.1/21

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1901.781+/-0.675 χ^2/NDF : 263101.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.145+/-0.622 χ^2/NDF : 277199.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

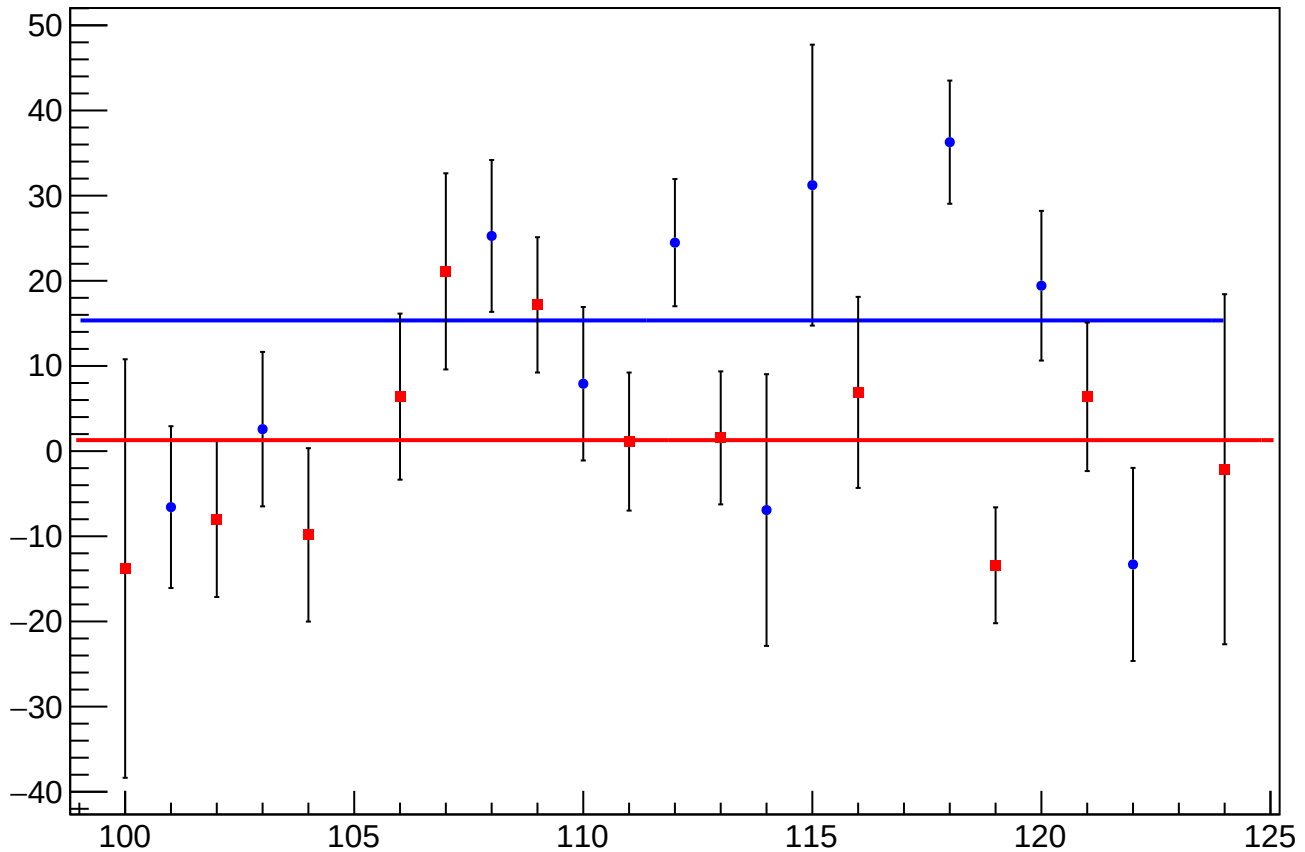
Right: 1890.609+/-0.457 χ^2/NDF : 540807.0/21

In: 1901.781+/-0.675 χ^2/NDF : 263101.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1890.609+/-0.457 χ^2/NDF : 540807.0/21

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.345+/-2.968 χ^2/NDF : 28.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.289+/-2.734 χ^2/NDF : 15.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

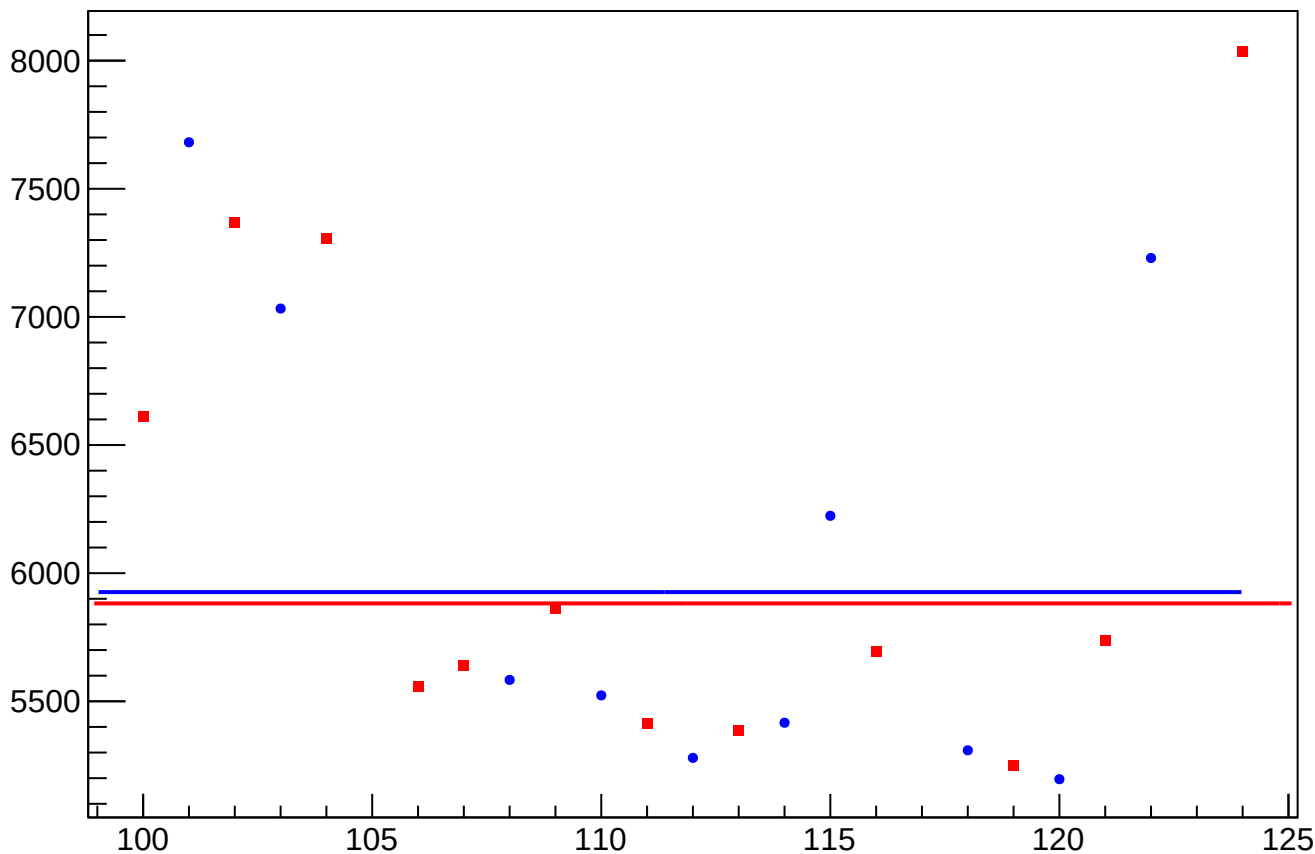
Right: 7.741+/-2.011 χ^2/NDF : 55.8/21

In: 15.345+/-2.968 χ^2/NDF : 28.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.741+/-2.011 χ^2/NDF : 55.8/21

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 5926.164+/-2.099 χ^2/NDF : 177549.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5882.034+/-1.933 χ^2/NDF : 151790.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

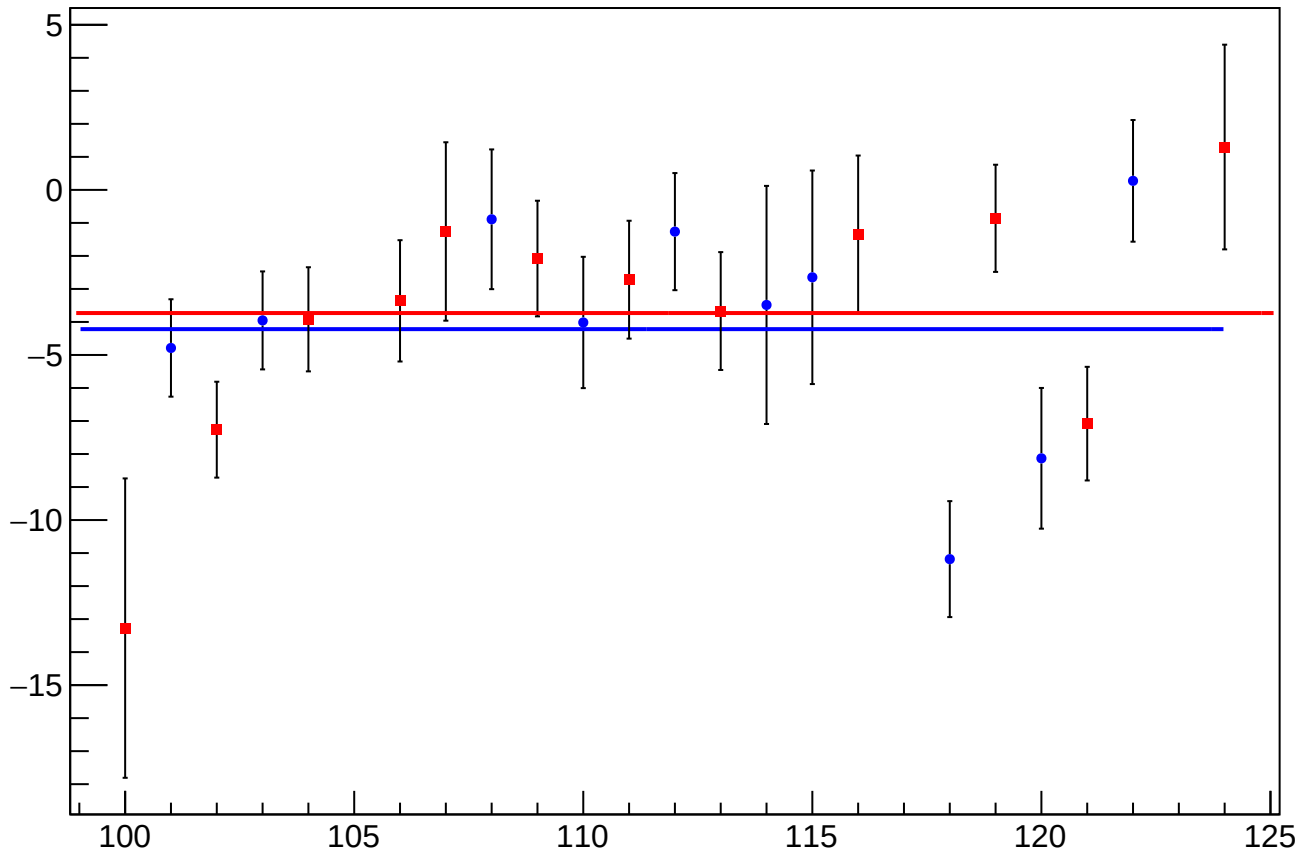
Right: 5902.289+/-1.422 χ^2/NDF : 329579.9/21

In: 5926.164+/-2.099 χ^2/NDF : 177549.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5902.289+/-1.422 χ^2/NDF : 329579.9/21

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.218+/-0.606 χ^2/NDF : 30.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.730+/-0.550 χ^2/NDF : 23.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

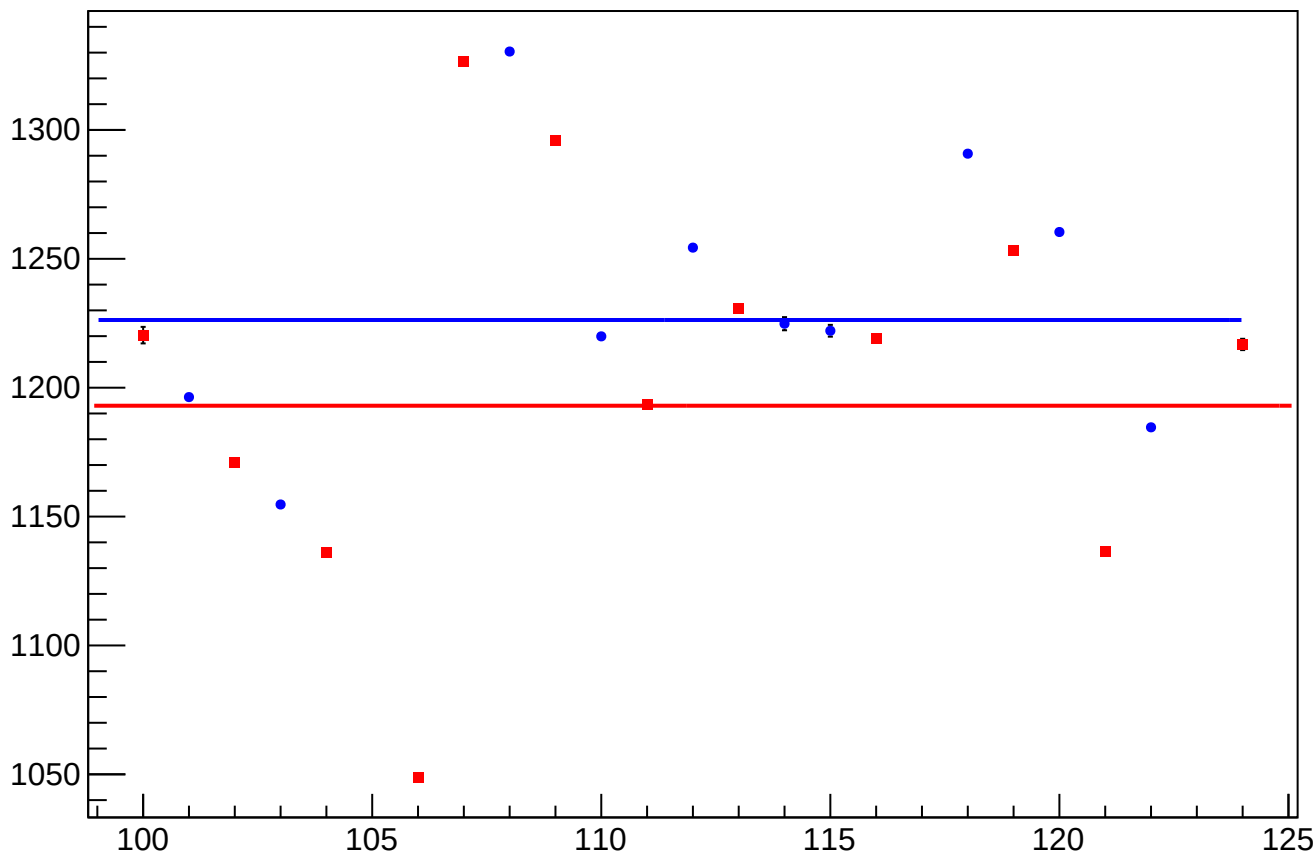
Right: -3.950+/-0.407 χ^2/NDF : 54.1/21

In: -4.218+/-0.606 χ^2/NDF :30.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.950+/-0.407 χ^2/NDF : 54.1/21

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1226.266+/-0.429 χ^2/NDF : 15078.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1193.008+/-0.389 χ^2/NDF : 33441.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

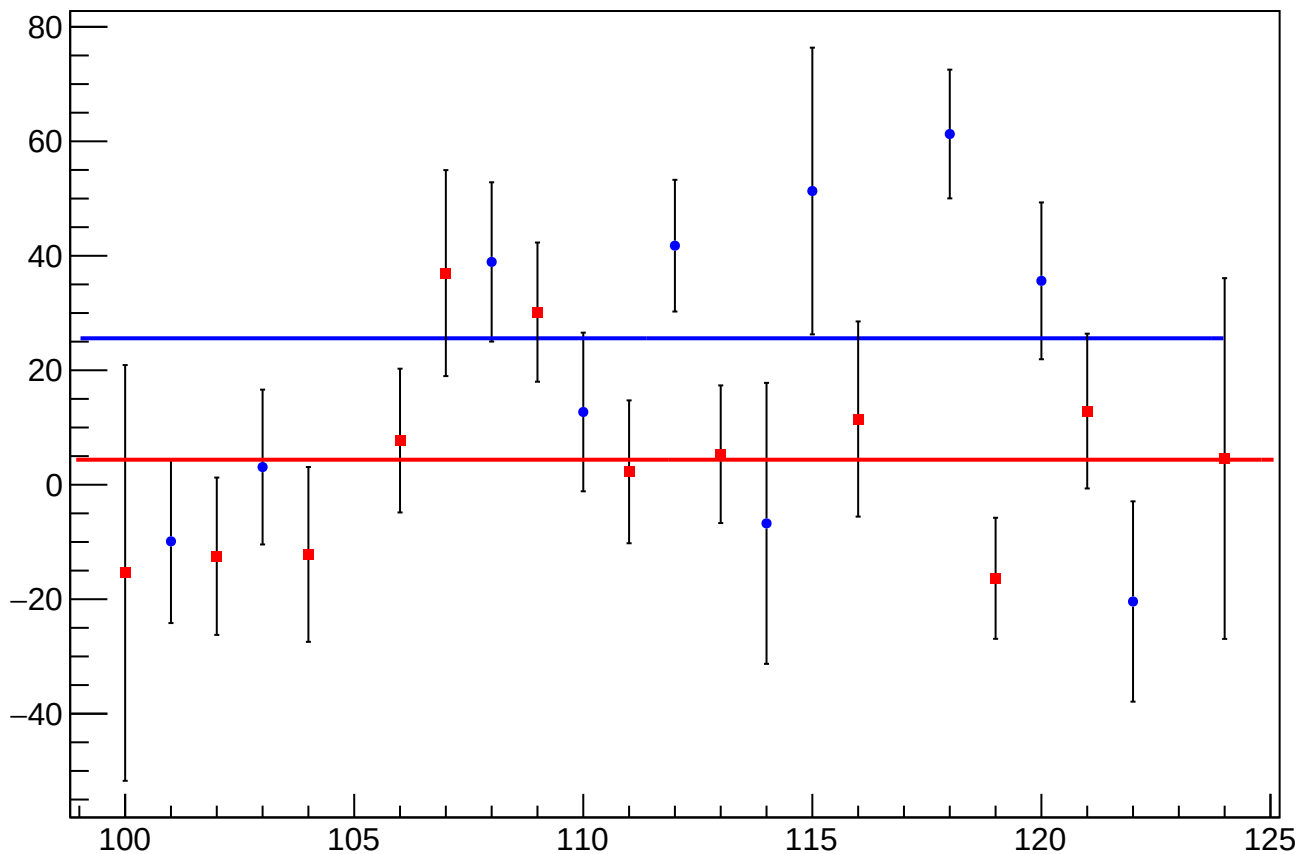
Right: 1208.014+/-0.288 χ^2/NDF : 51821.0/21

In: 1226.266+/-0.429 χ^2/NDF : 15078.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.014+/-0.288 χ^2/NDF : 51821.0/21

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.589+/-4.562 χ^2/NDF : 33.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.374+/-4.127 χ^2/NDF : 15.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

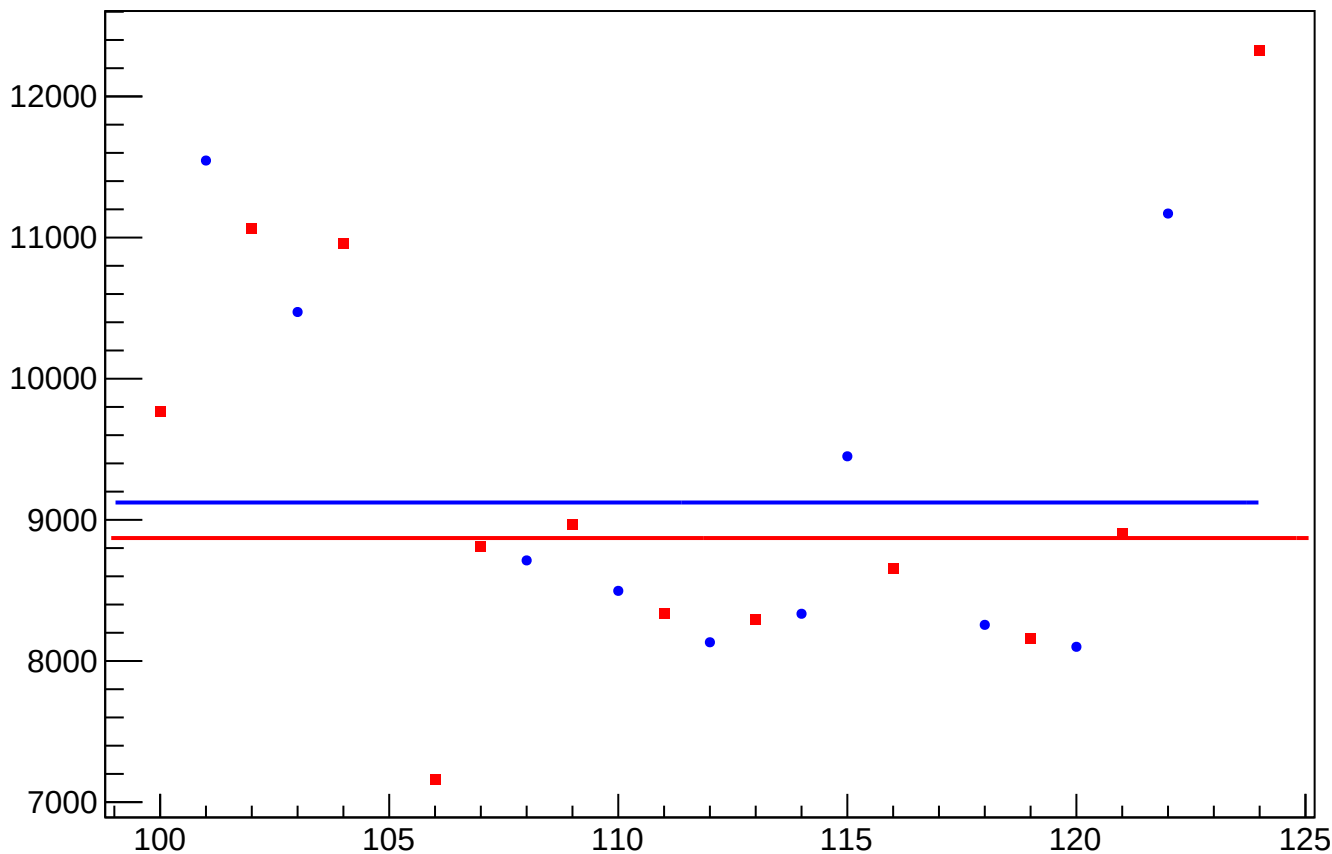
Right: 13.921+/-3.060 χ^2/NDF : 60.2/21

In: 25.589+/-4.562 χ^2/NDF : 33.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.921+/-3.060 χ^2/NDF : 60.2/21

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9122.947+/-3.226 χ^2/NDF : 150934.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8871.147+/-2.918 χ^2/NDF : 168403.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

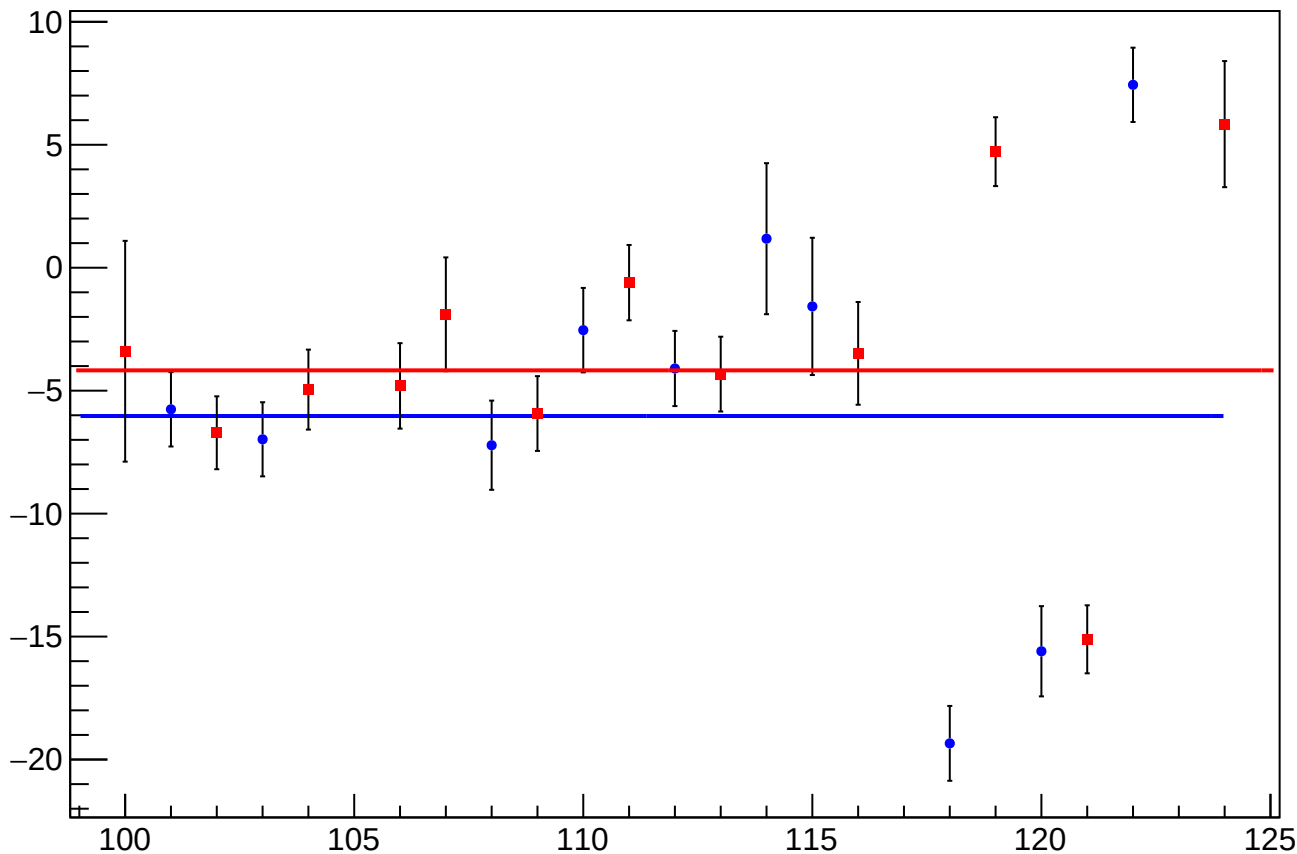
Right: 8984.462+/-2.164 χ^2/NDF : 322688.7/21

In: 9122.947+/-3.226 χ^2/NDF : 150934.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8984.462+/-2.164 χ^2/NDF : 322688.7/21

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -6.031+/-0.546 χ^2/NDF : 197.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.174+/-0.493 χ^2/NDF : 129.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

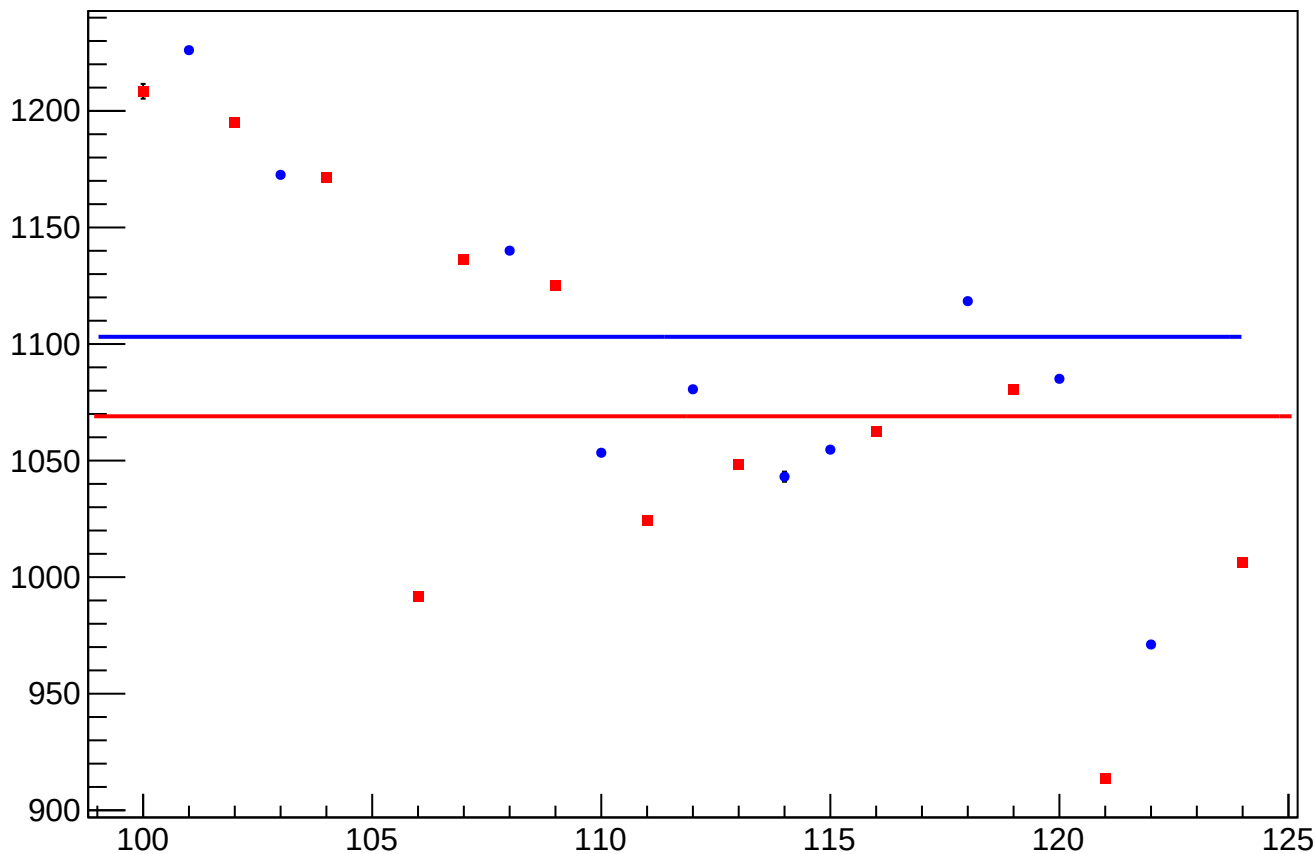
Right: -5.008+/-0.366 χ^2/NDF : 333.4/21

In: -6.031+/-0.546 χ^2/NDF : 197.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.008+/-0.366 χ^2/NDF : 333.4/21

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1103.097 $\pm$ 0.386 χ^2 /NDF: 37437.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1069.009 $\pm$ 0.349 χ^2 /NDF: 61403.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

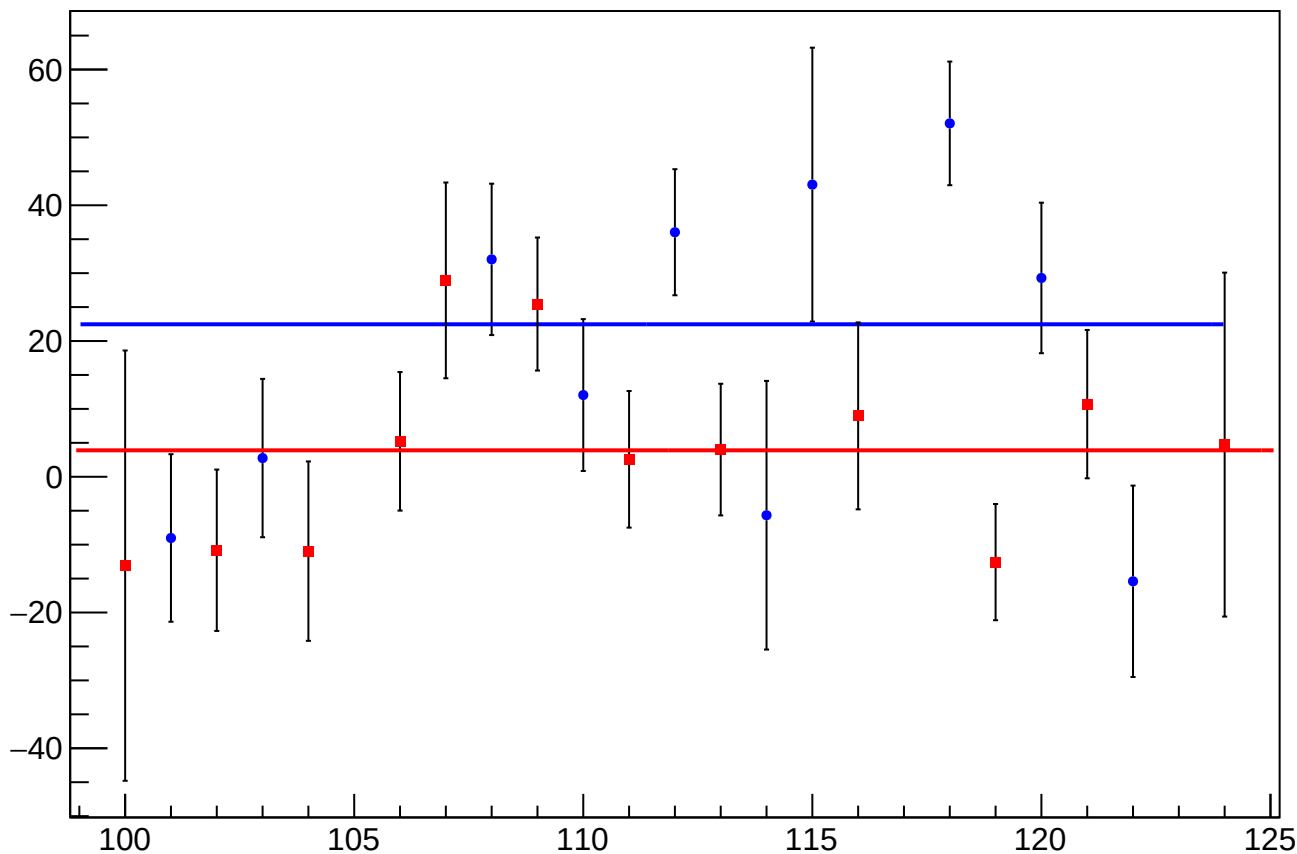
Right: 1084.323 $\pm$ 0.259 χ^2 /NDF: 103128.0/21

In: 1103.097 $\pm$ 0.386 χ^2 /NDF:37437.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1084.323 $\pm$ 0.259 χ^2 /NDF: 103128.0/21

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 22.466+/-3.733 χ^2/NDF : 34.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.896+/-3.372 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

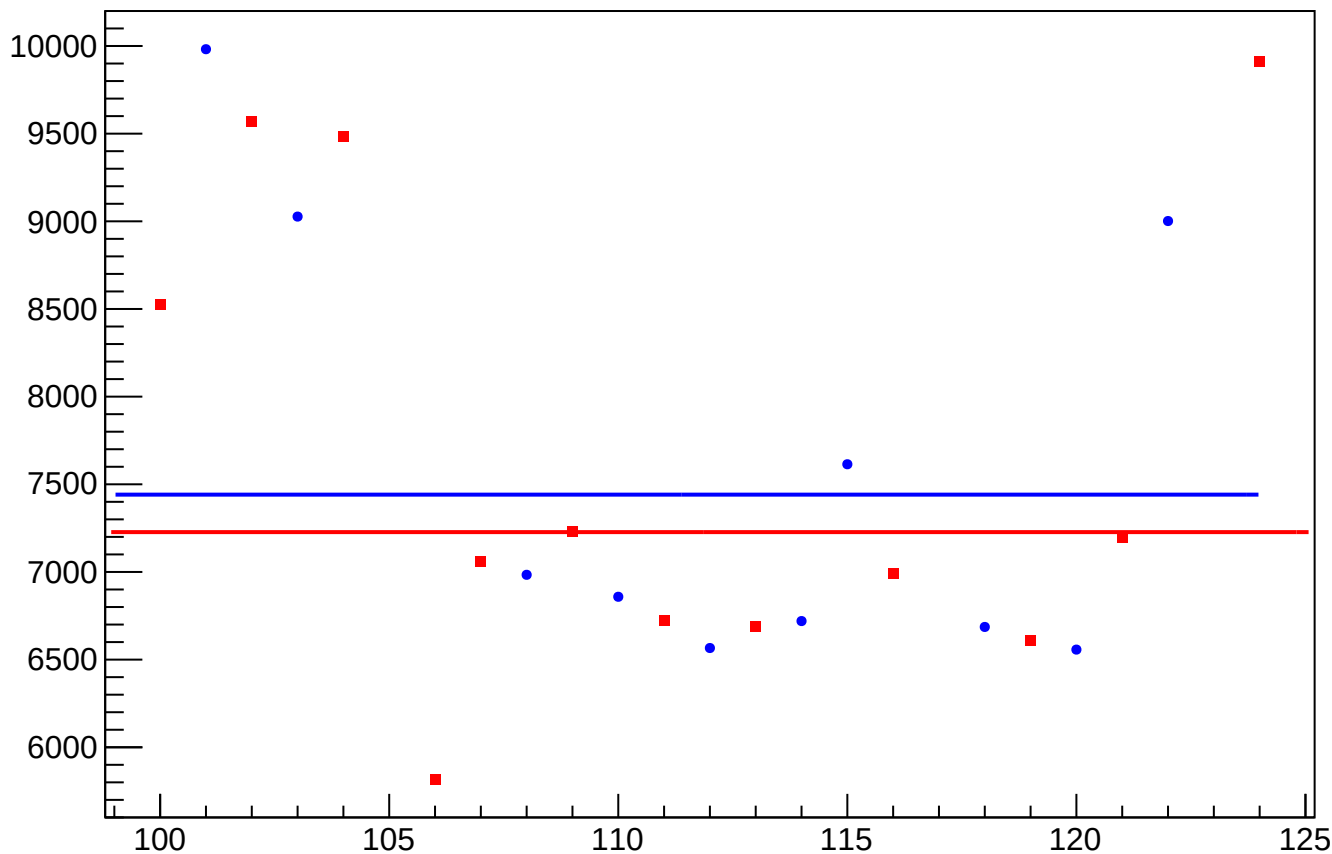
Right: 12.239+/-2.502 χ^2/NDF : 63.1/21

In: 22.466+/-3.733 χ^2/NDF : 34.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.239+/-2.502 χ^2/NDF : 63.1/21

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7441.041+/-2.640 χ^2/NDF : 201952.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7227.282+/-2.384 χ^2/NDF : 222487.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

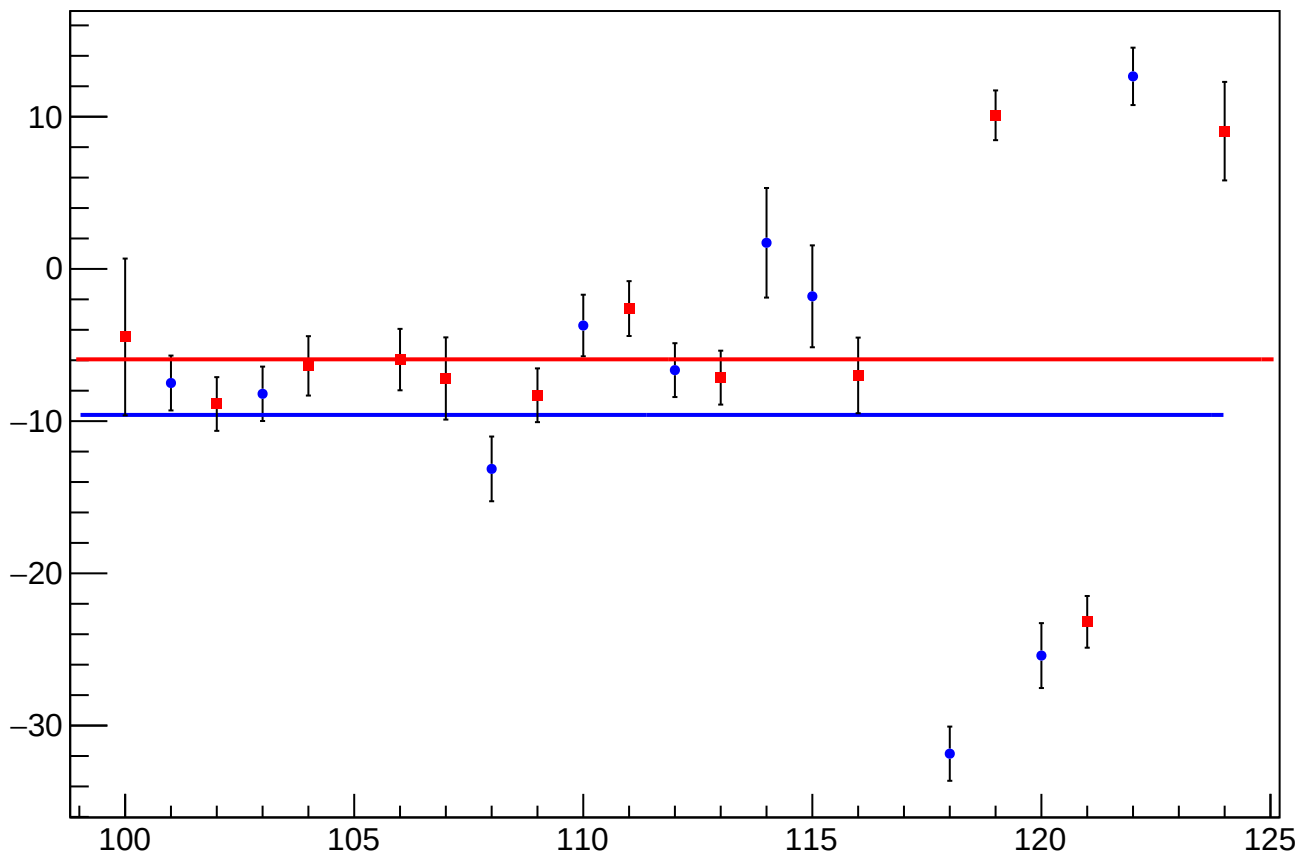
Right: 7323.319+/-1.769 χ^2/NDF : 428050.9/21

In: 7441.041+/-2.640 χ^2/NDF : 201952.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7323.319+/-1.769 χ^2/NDF : 428050.9/21

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -9.592 ± 0.647 χ^2/NDF : 381.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.940 ± 0.584 χ^2/NDF : 229.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

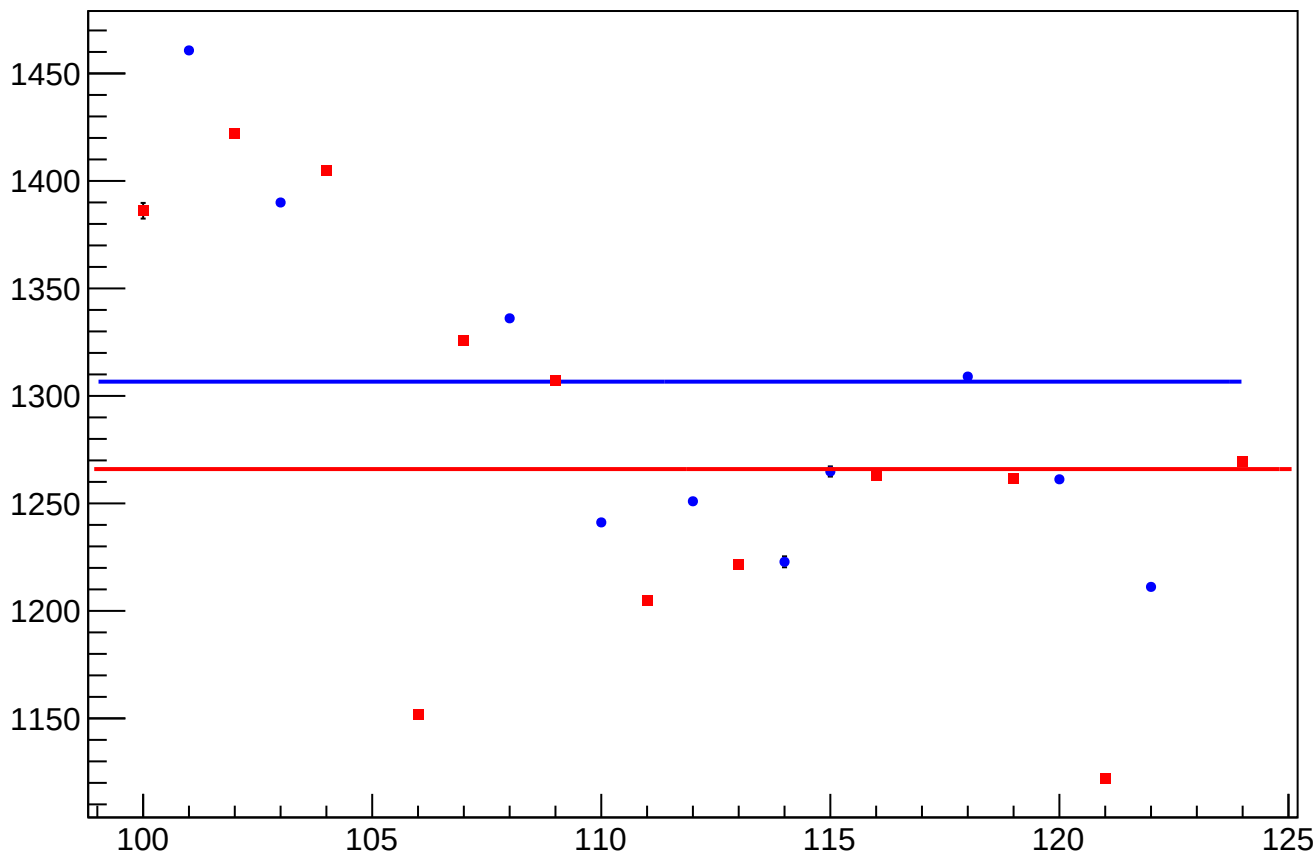
Right: -7.580 ± 0.434 χ^2/NDF : 628.9/21

In: -9.592 ± 0.647 χ^2/NDF : 381.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.580 ± 0.434 χ^2/NDF : 628.9/21

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1306.636 $\pm$ 0.457 χ^2 /NDF: 30872.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1265.970 $\pm$ 0.413 χ^2 /NDF: 53334.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

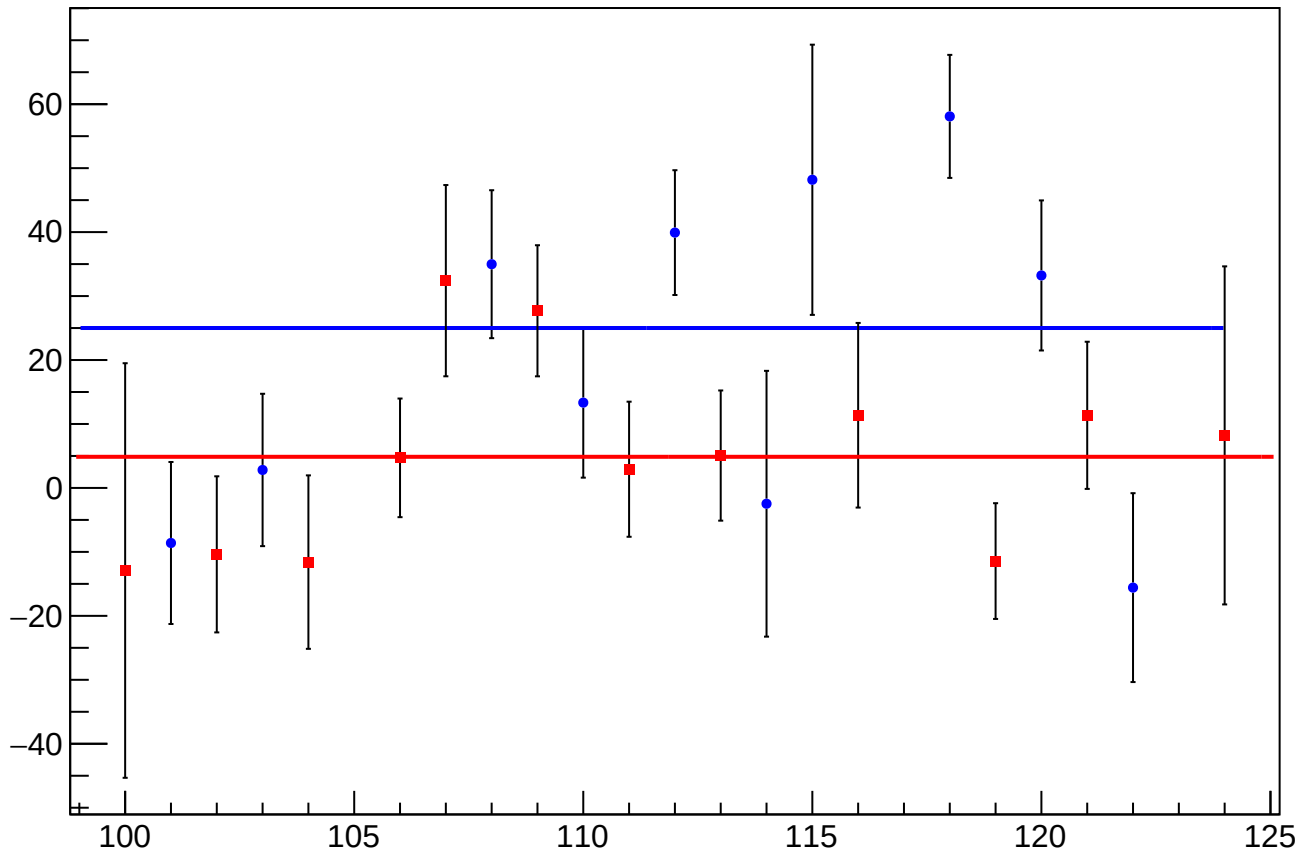
Right: 1284.236 $\pm$ 0.307 χ^2 /NDF: 88560.0/21

In: 1306.636 $\pm$ 0.457 χ^2 /NDF:30872.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1284.236 $\pm$ 0.307 χ^2 /NDF: 88560.0/21

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 25.006+/-3.900 χ^2/NDF : 37.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.869+/-3.464 χ^2/NDF : 15.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

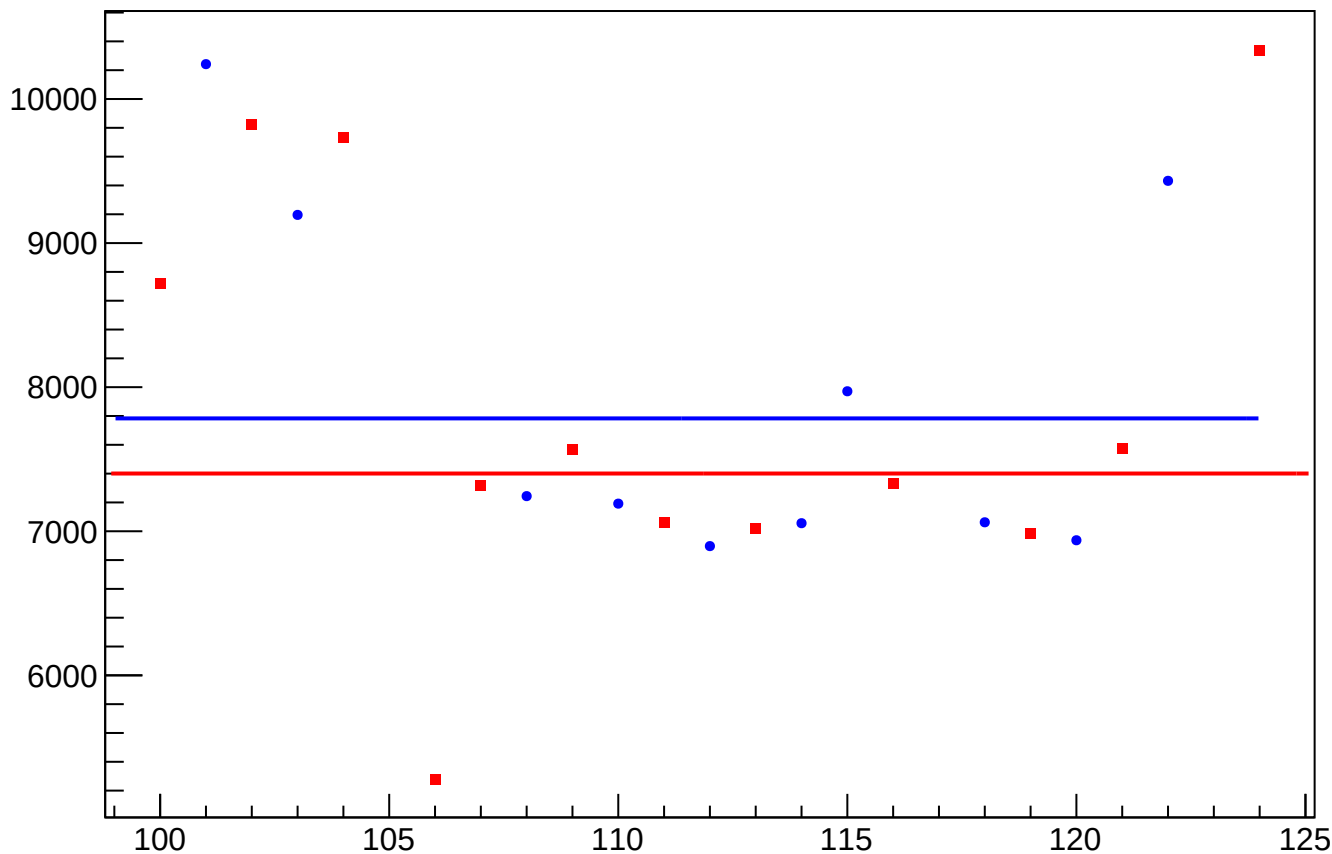
Right: 13.749+/-2.590 χ^2/NDF : 67.8/21

In: 25.006+/-3.900 χ^2/NDF : 37.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.749+/-2.590 χ^2/NDF : 67.8/21

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7783.271+/-2.758 χ^2/NDF : 178624.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7400.710+/-2.449 χ^2/NDF : 281428.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

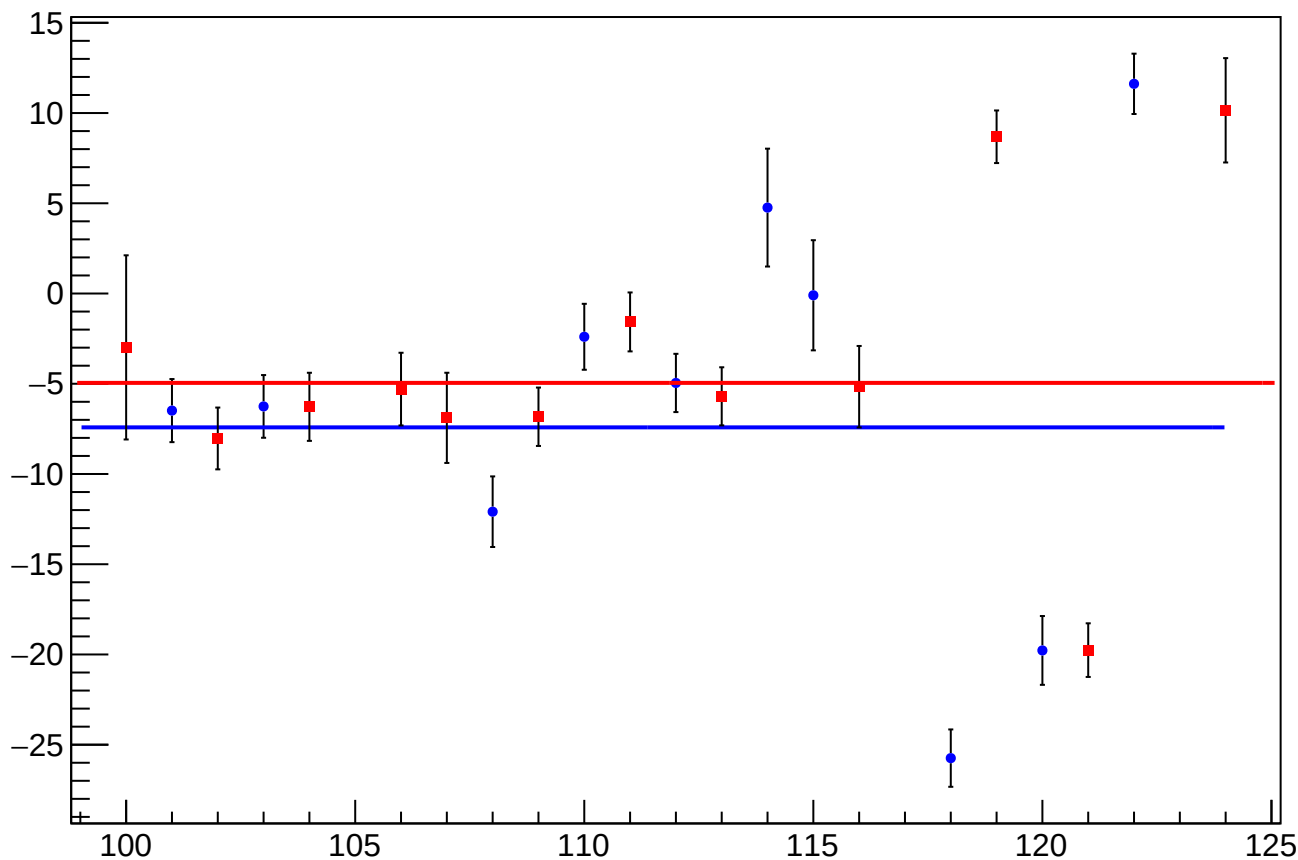
Right: 7569.422+/-1.831 χ^2/NDF : 470811.1/21

In: 7783.271+/-2.758 χ^2/NDF : 178624.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7569.422+/-1.831 χ^2/NDF : 470811.1/21

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -7.417 ± 0.594 χ^2/NDF : 340.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.952 ± 0.538 χ^2/NDF : 224.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

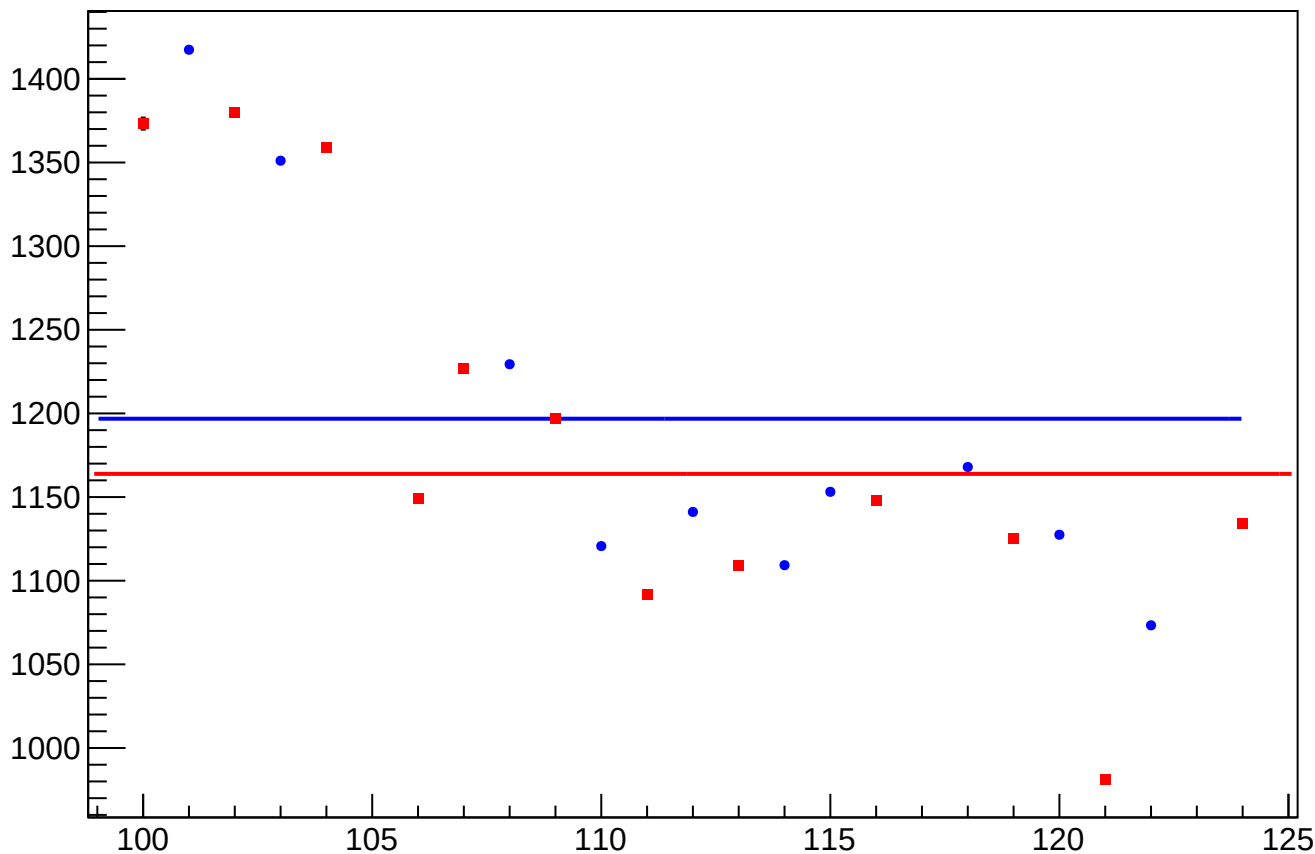
Right: -6.063 ± 0.399 χ^2/NDF : 574.6/21

In: -7.417 ± 0.594 χ^2/NDF : 340.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.063 ± 0.399 χ^2/NDF : 574.6/21

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1196.835+/-0.420 χ^2/NDF : 70097.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1163.871+/-0.381 χ^2/NDF : 96960.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

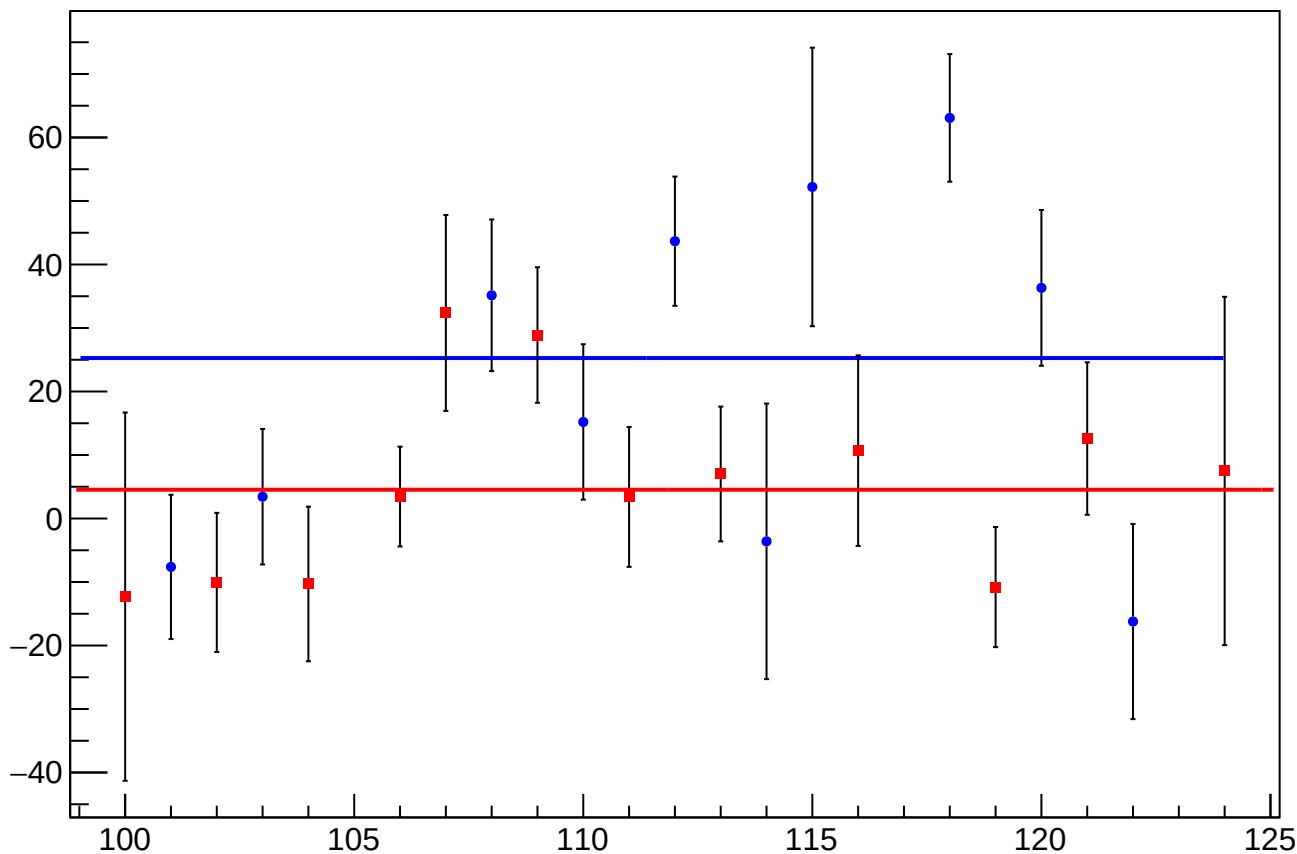
Right: 1178.736+/-0.282 χ^2/NDF : 170439.7/21

In: 1196.835+/-0.420 χ^2/NDF : 70097.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1178.736+/-0.282 χ^2/NDF : 170439.7/21

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 25.269+/-3.926 χ^2/NDF : 42.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.533+/-3.401 χ^2/NDF : 15.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

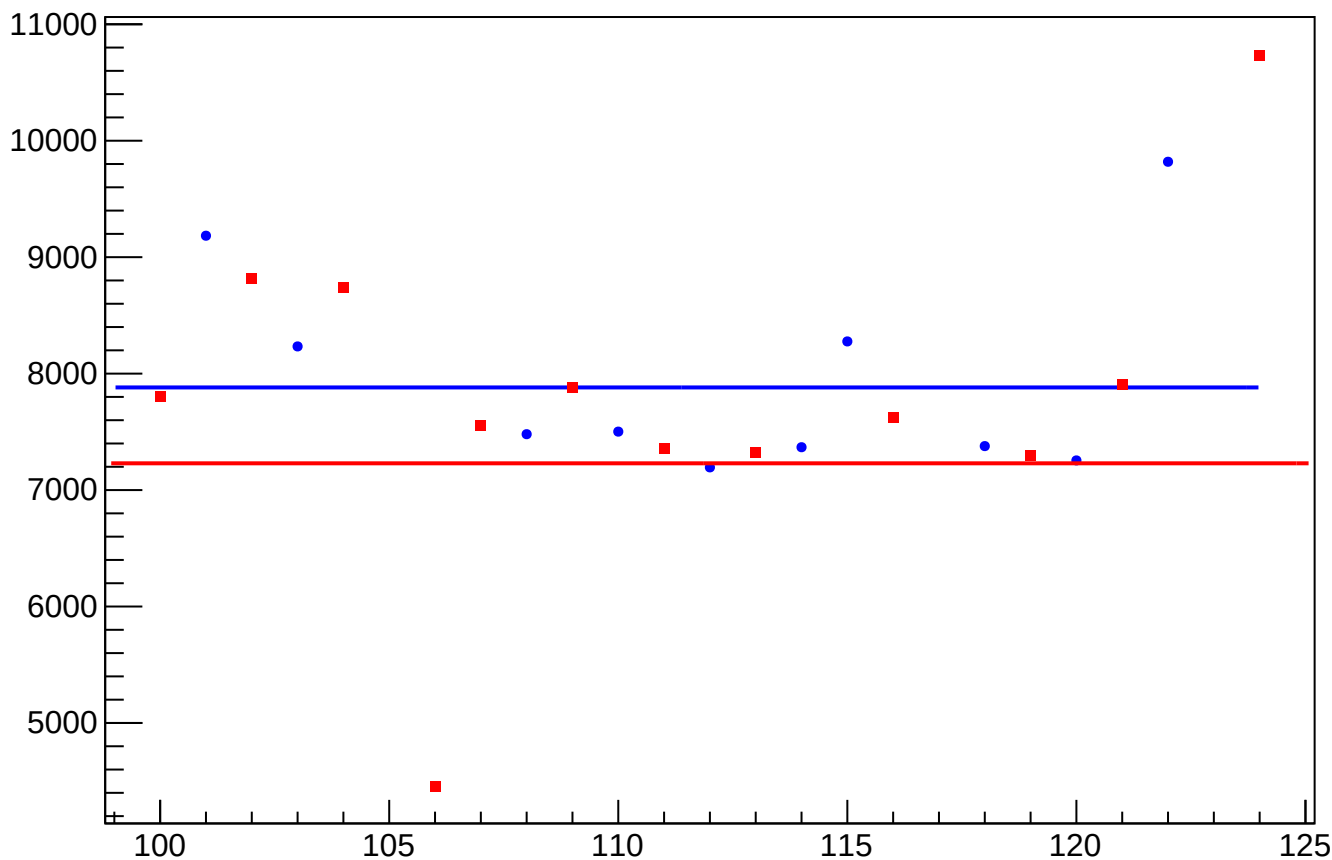
Right: 13.423+/-2.571 χ^2/NDF : 74.1/21

In: 25.269+/-3.926 χ^2/NDF : 42.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.423+/-2.571 χ^2/NDF : 74.1/21

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 7881.362+/-2.776 χ^2/NDF : 85614.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7229.809+/-2.405 χ^2/NDF : 371351.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

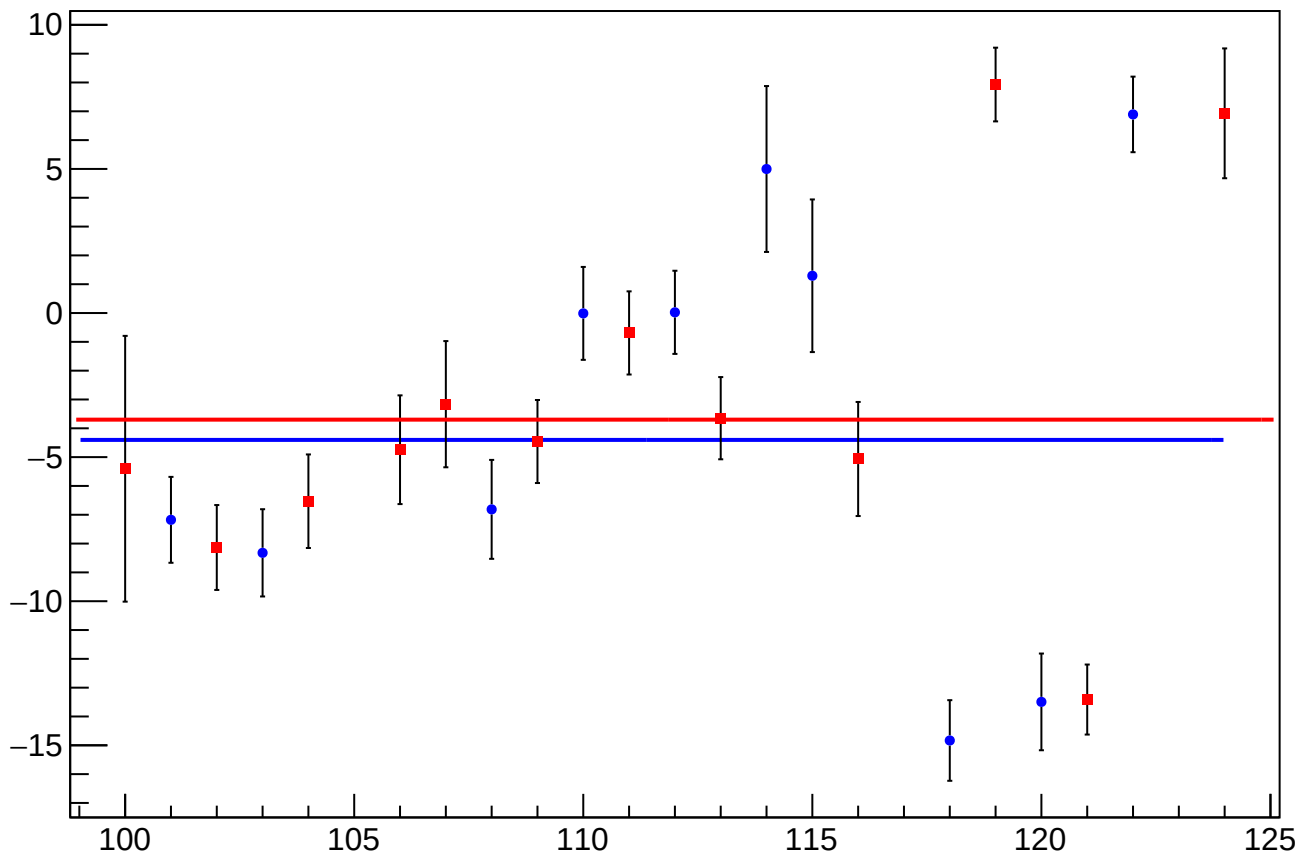
Right: 7509.134+/-1.818 χ^2/NDF : 488430.6/21

In: 7881.362+/-2.776 χ^2/NDF : 85614.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7509.134+/-1.818 χ^2/NDF : 488430.6/21

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -4.403+/-0.513 χ^2/NDF : 203.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.700+/-0.468 χ^2/NDF : 186.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

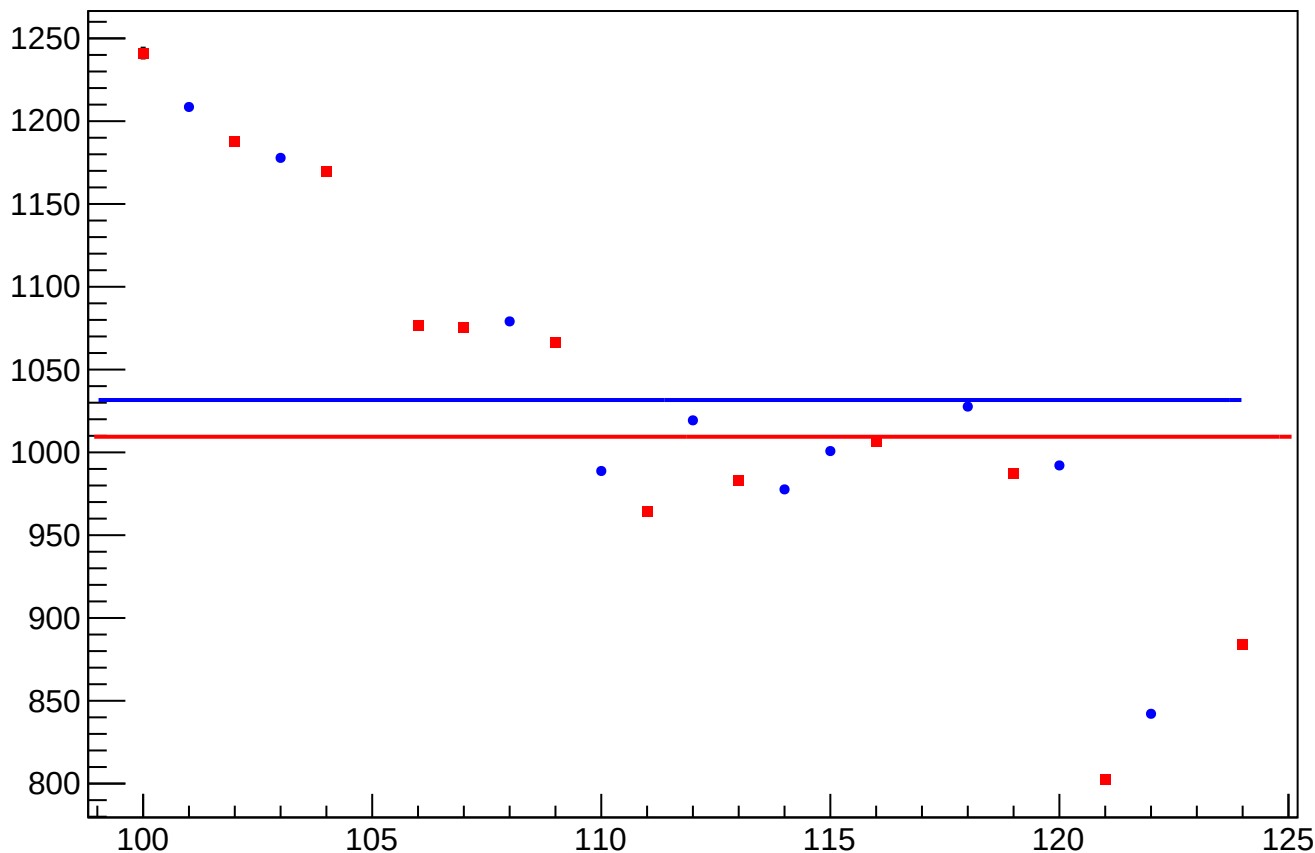
Right: -4.019+/-0.346 χ^2/NDF : 391.0/21

In: -4.403+/-0.513 χ^2/NDF : 203.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.019+/-0.346 χ^2/NDF : 391.0/21

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1031.622+/-0.363 χ^2/NDF : 93811.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1009.450+/-0.331 χ^2/NDF : 128592.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

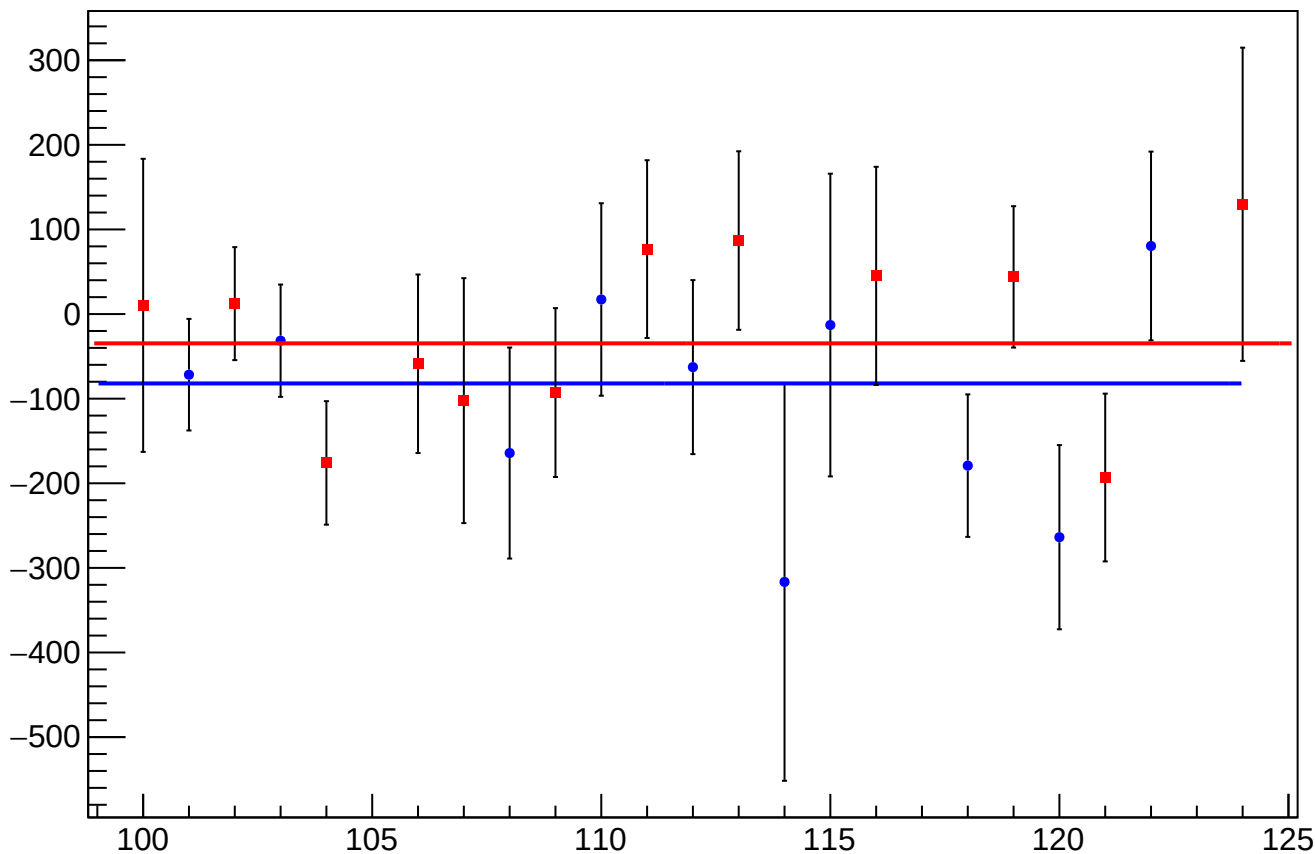
Right: 1019.517+/-0.244 χ^2/NDF : 224444.8/21

In: 1031.622+/-0.363 χ^2/NDF : 93811.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1019.517+/-0.244 χ^2/NDF : 224444.8/21

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -82.009+/-30.887 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.629+/-28.891 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

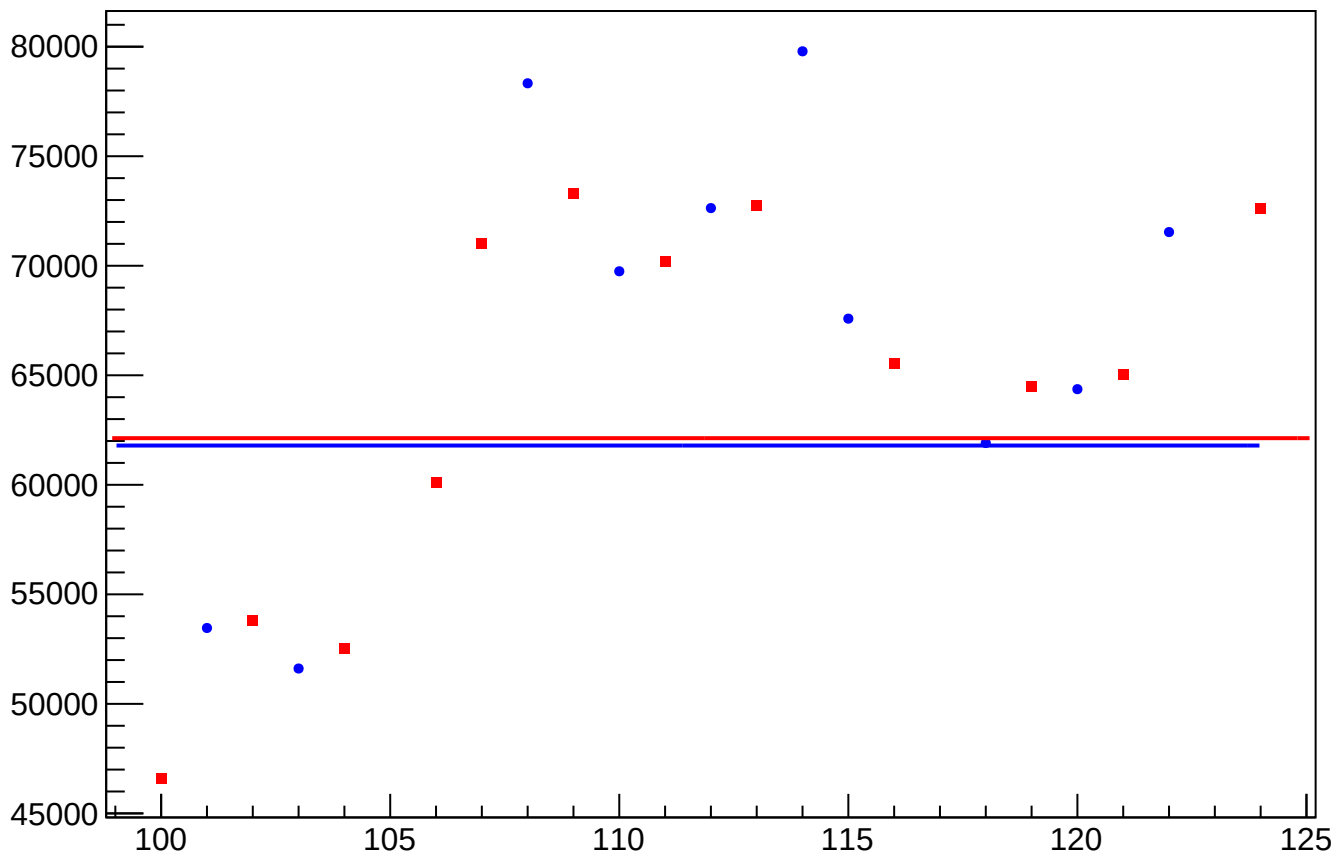
Right: -56.738+/-21.099 χ^2/NDF : 22.5/21

In: -82.009+/-30.887 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.738+/-21.099 χ^2/NDF : 22.5/21

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 61793.229+/-21.841 χ^2 /NDF: 176333.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 62129.017+/-20.429 χ^2 /NDF: 158595.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

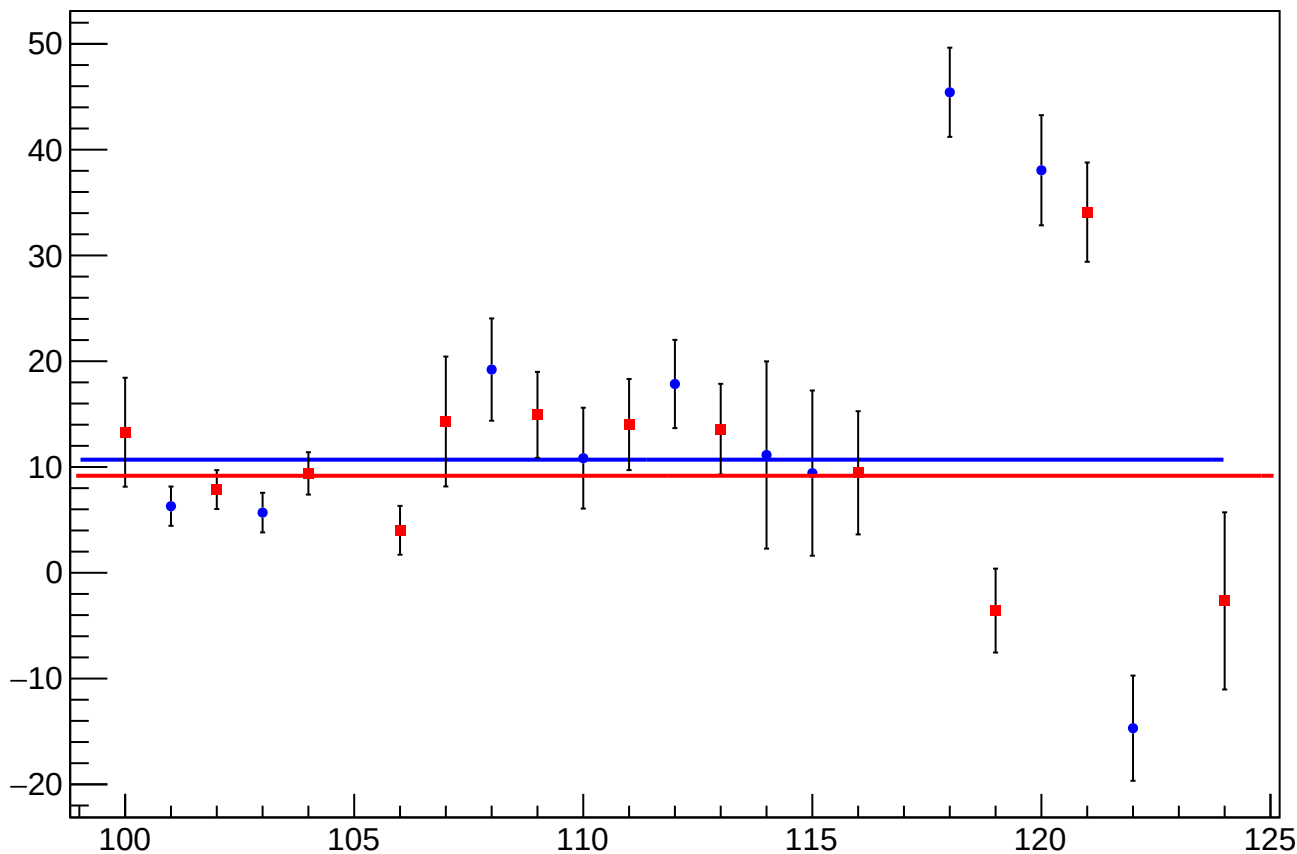
Right: 61972.326+/-14.920 χ^2 /NDF: 335054.9/21

In: 61793.229+/-21.841 χ^2 /NDF:176333.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 61972.326+/-14.920 χ^2 /NDF: 335054.9/21

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 10.694+/-1.065 χ^2/NDF : 140.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.172+/-0.945 χ^2/NDF : 51.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

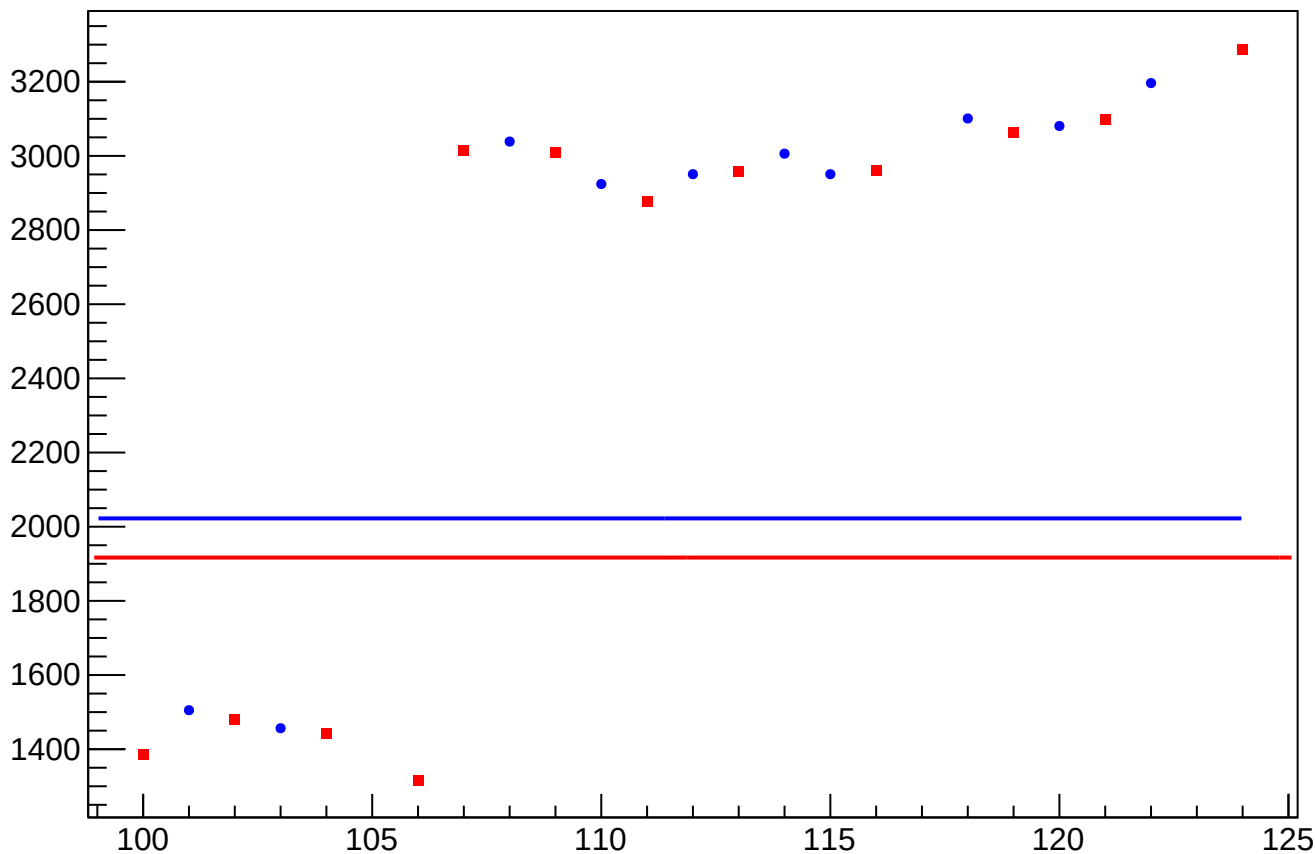
Right: 9.843+/-0.707 χ^2/NDF : 193.2/21

In: 10.694+/-1.065 χ^2/NDF : 140.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.843+/-0.707 χ^2/NDF : 193.2/21

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2022.410+/-0.753 χ^2/NDF : 974902.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1916.805+/-0.668 χ^2/NDF : 1219046.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

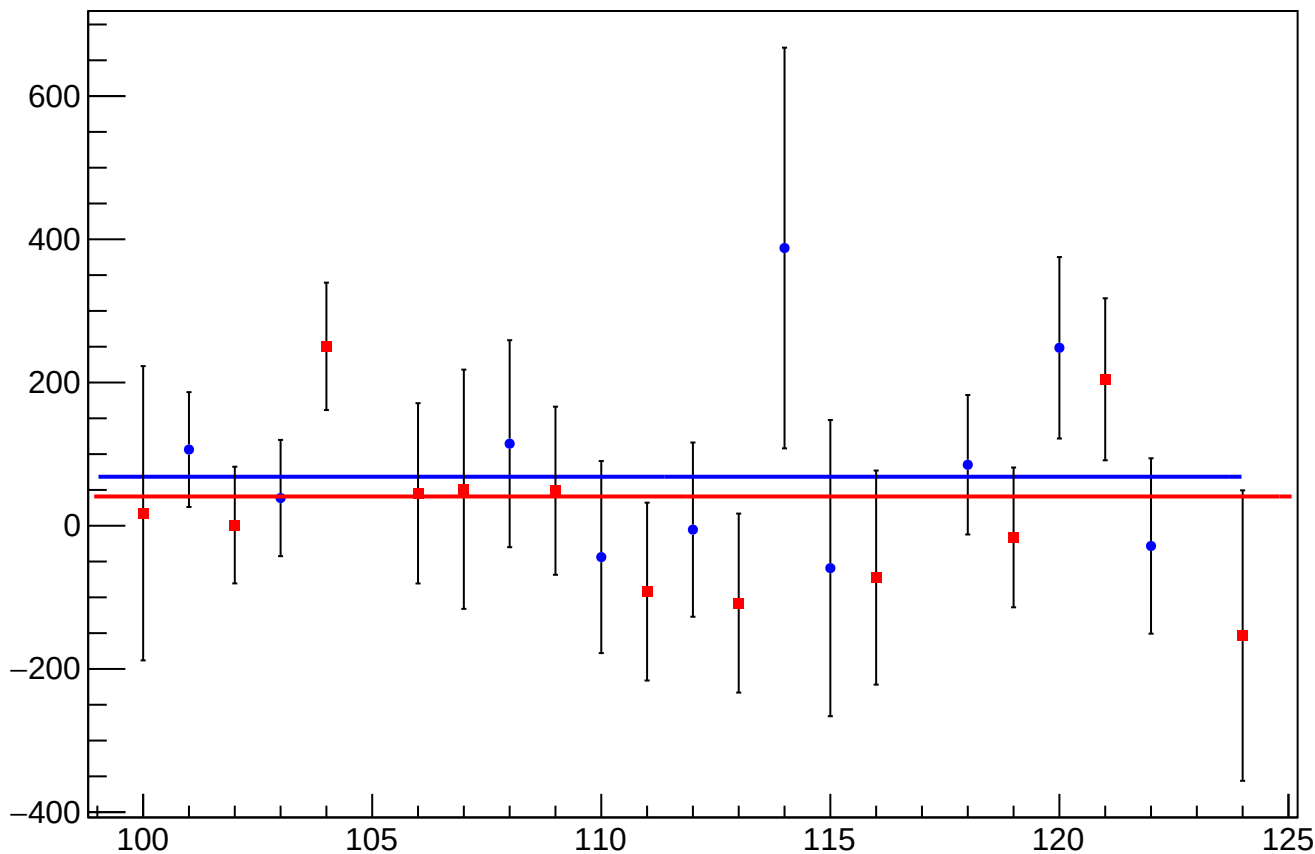
Right: 1963.357+/-0.500 χ^2/NDF : 2204954.4/21

In: 2022.410+/-0.753 χ^2/NDF : 974902.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.357+/-0.500 χ^2/NDF : 2204954.4/21

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 68.413+/-36.544 χ^2/NDF : 5.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.851+/-34.236 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

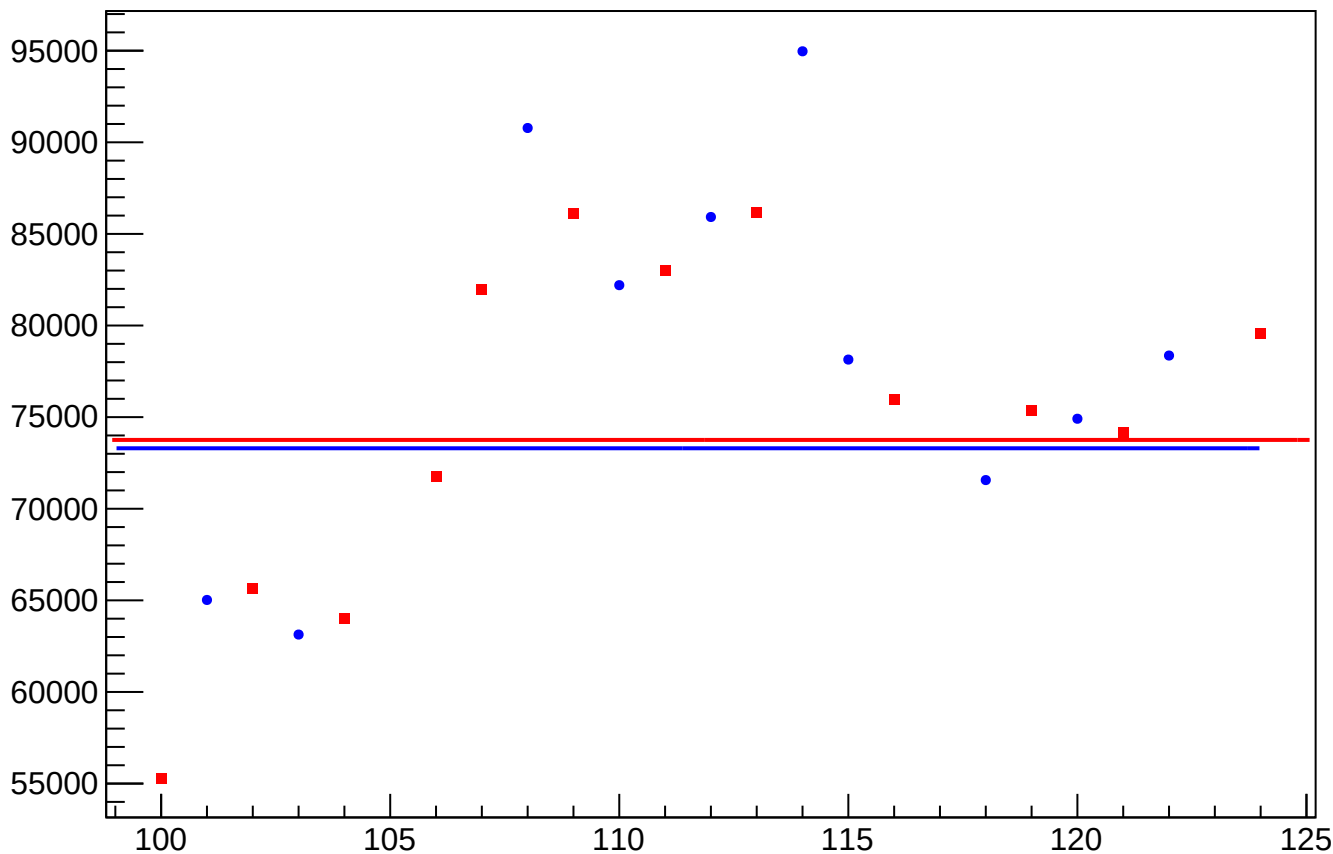
Right: 53.734+/-24.985 χ^2/NDF : 18.5/21

In: 68.413+/-36.544 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.734+/-24.985 χ^2/NDF : 18.5/21

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 73300.029+/-25.841 χ^2 /NDF: 129743.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 73756.266+/-24.208 χ^2 /NDF: 121084.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

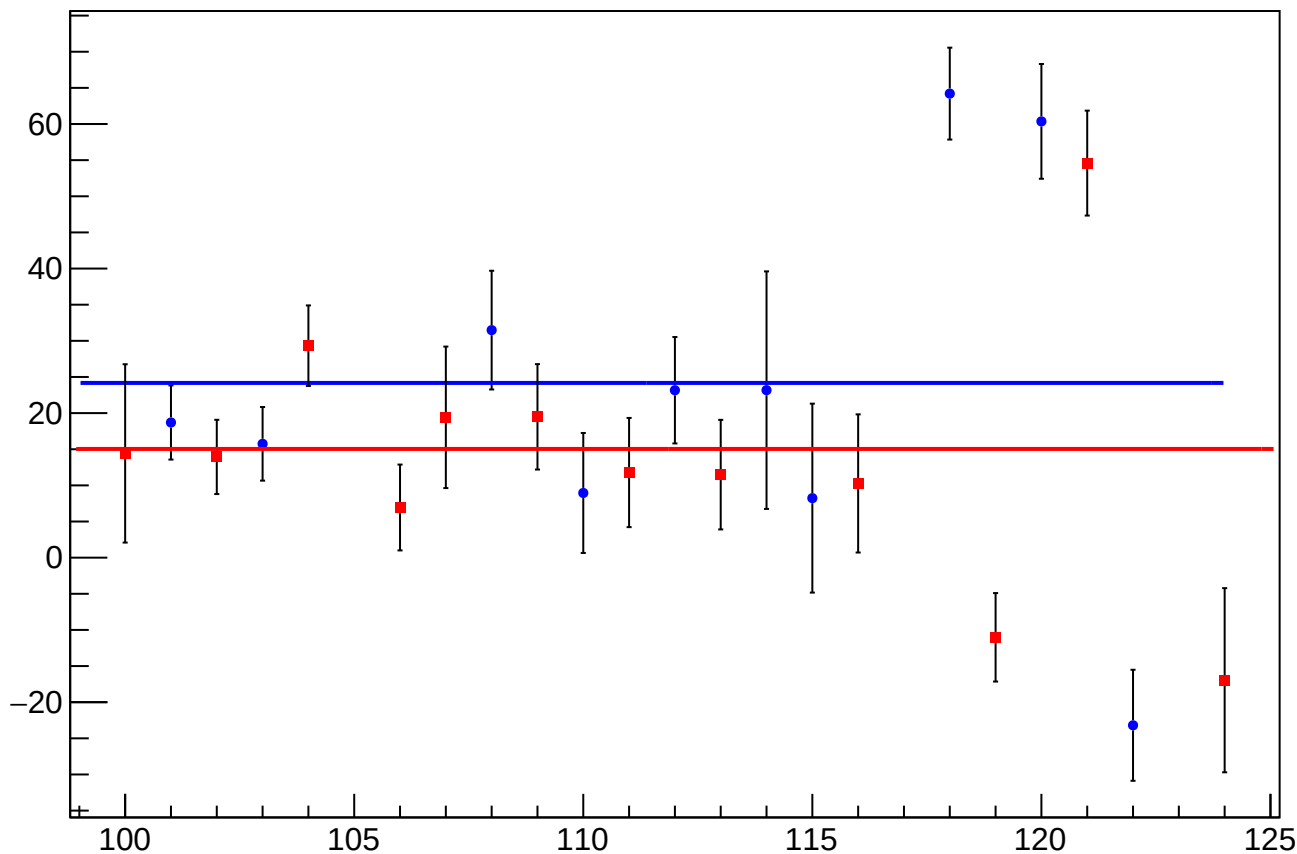
Right: 73543.013+/-17.667 χ^2 /NDF: 250994.7/21

In: 73300.029+/-25.841 χ^2 /NDF:129743.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 73543.013+/-17.667 χ^2 /NDF: 250994.7/21

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 24.176+/-2.285 χ^2/NDF : 108.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.043+/-2.076 χ^2/NDF : 63.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

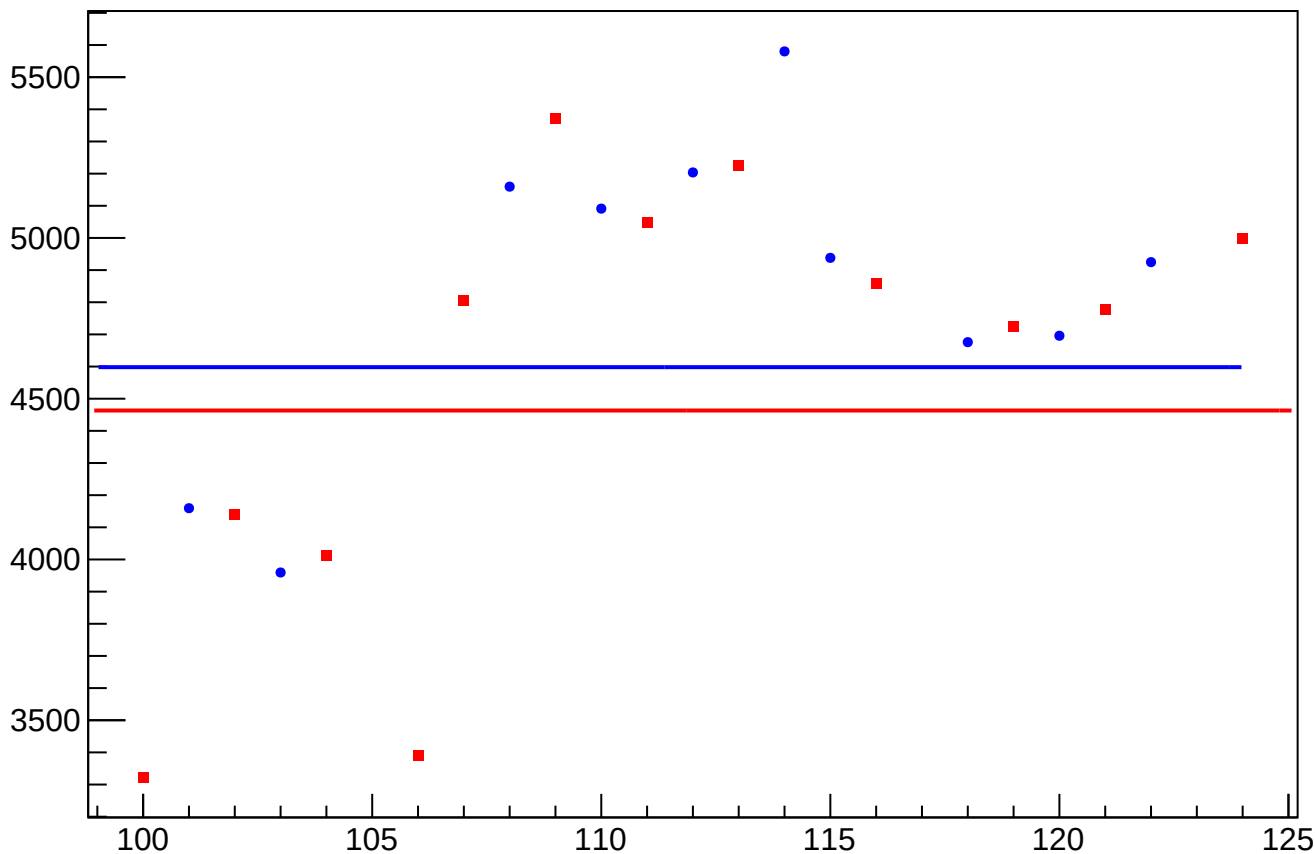
Right: 19.173+/-1.537 χ^2/NDF : 180.6/21

In: 24.176+/-2.285 χ^2/NDF : 108.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.173+/-1.537 χ^2/NDF : 180.6/21

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4598.078+/-1.616 χ^2/NDF : 88736.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4463.258+/-1.468 χ^2/NDF : 183824.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

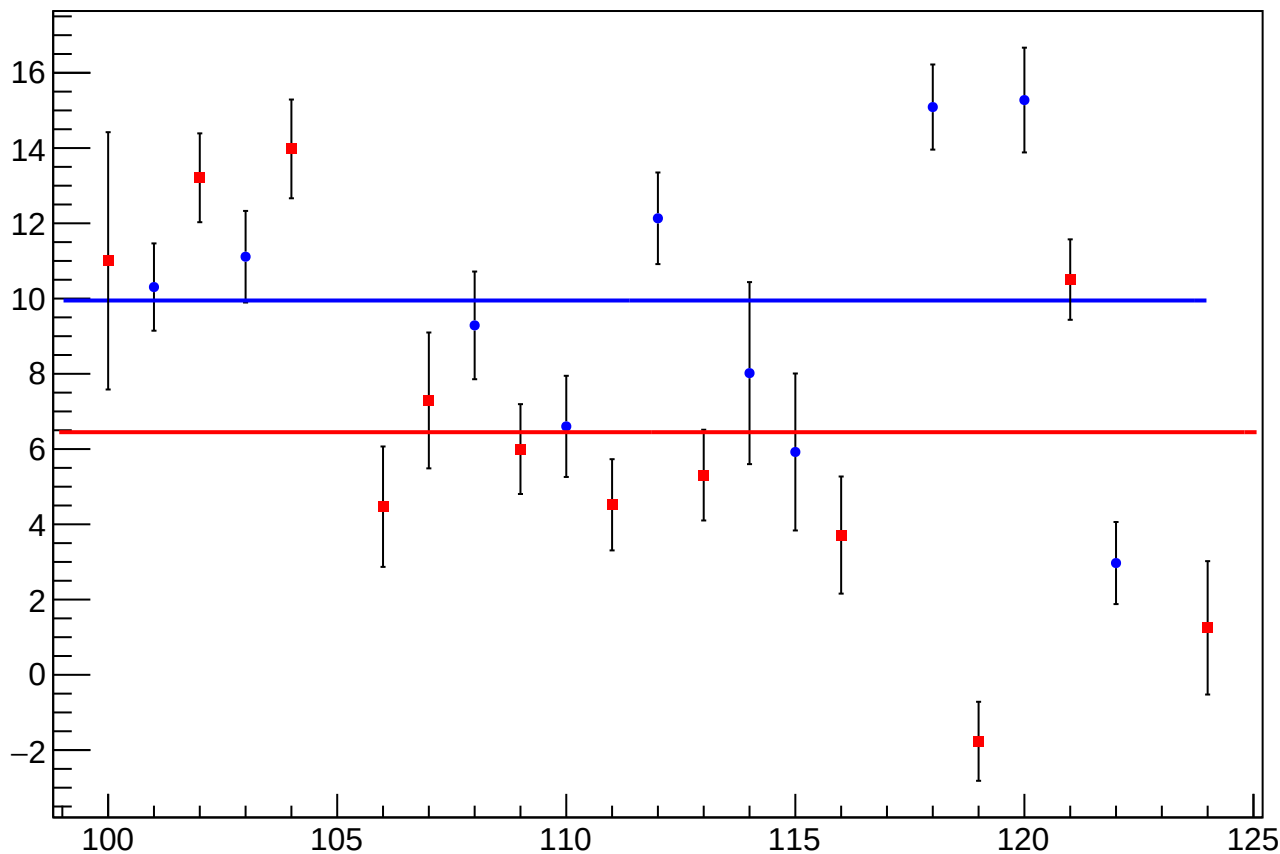
Right: 4524.218+/-1.087 χ^2/NDF : 276374.3/21

In: 4598.078+/-1.616 χ^2/NDF : 88736.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4524.218+/-1.087 χ^2/NDF : 276374.3/21

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 9.948 $\pm$ 0.420 χ^2 /NDF: 91.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.449 $\pm$ 0.387 χ^2 /NDF: 160.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

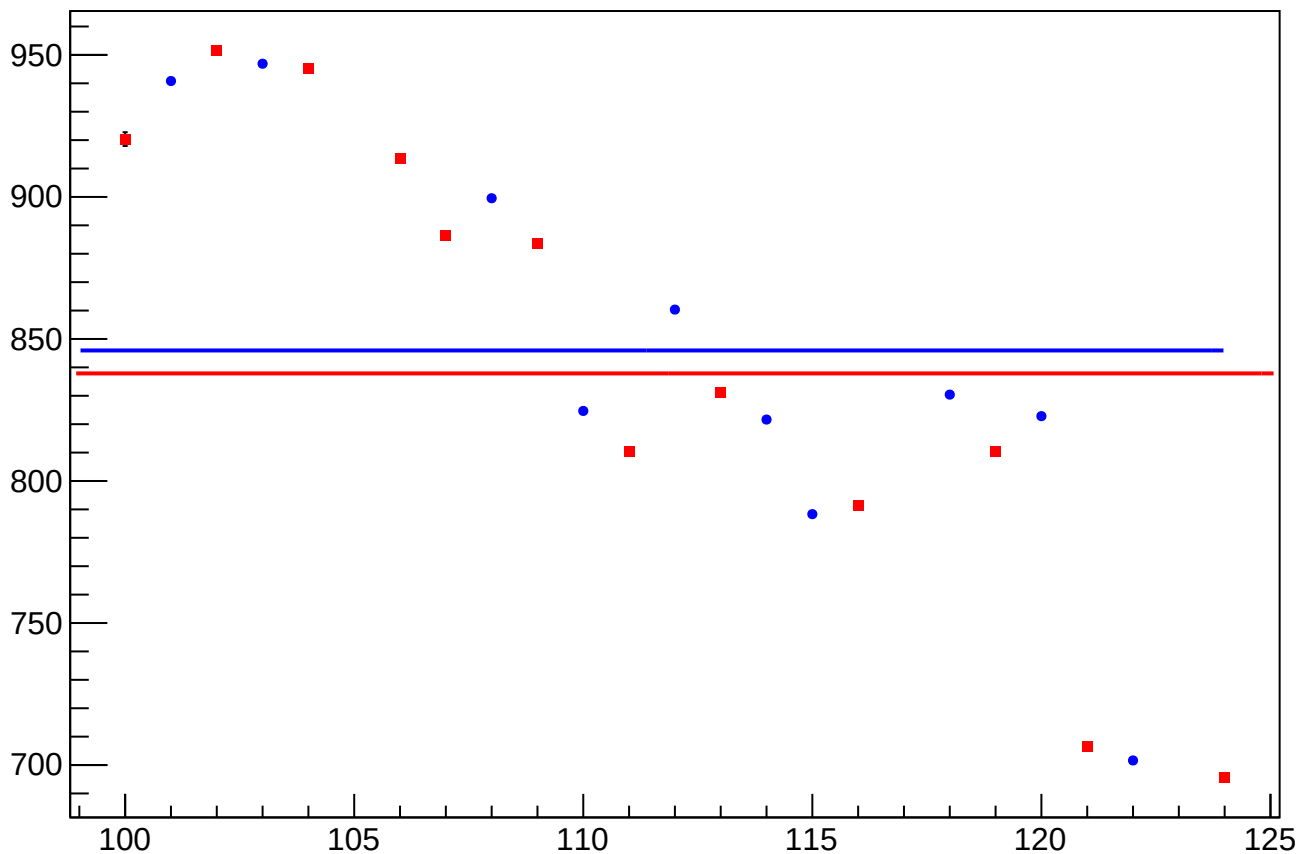
Right: 8.058 $\pm$ 0.285 χ^2 /NDF: 288.8/21

In: 9.948 $\pm$ 0.420 χ^2 /NDF:91.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.058 $\pm$ 0.285 χ^2 /NDF: 288.8/21

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 845.952+/-0.297 χ^2/NDF : 68380.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 837.873+/-0.274 χ^2/NDF : 89357.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

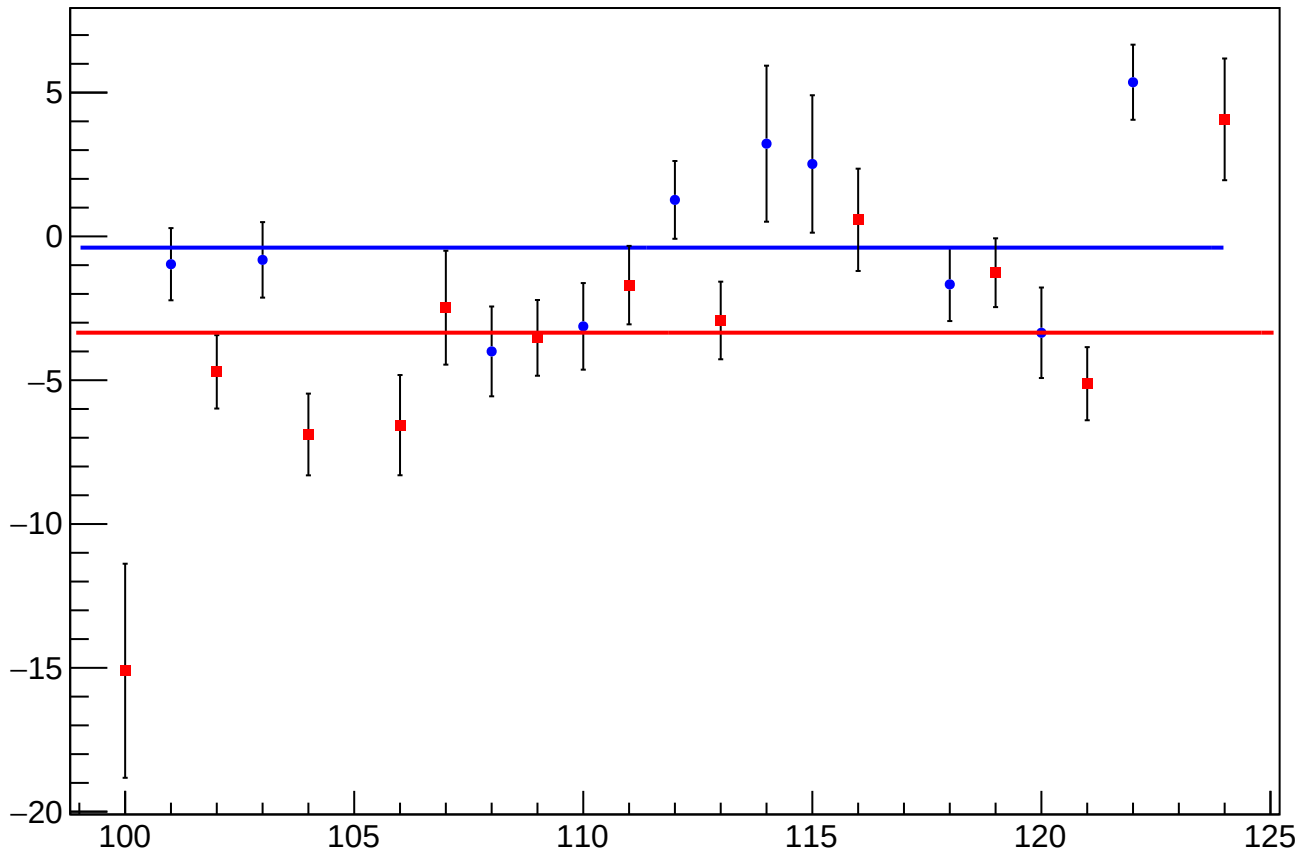
Right: 841.588+/-0.201 χ^2/NDF : 158137.7/21

In: 845.952+/-0.297 χ^2/NDF : 68380.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 841.588+/-0.201 χ^2/NDF : 158137.7/21

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.390 ± 0.470 χ^2/NDF : 37.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.347 ± 0.435 χ^2/NDF : 44.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

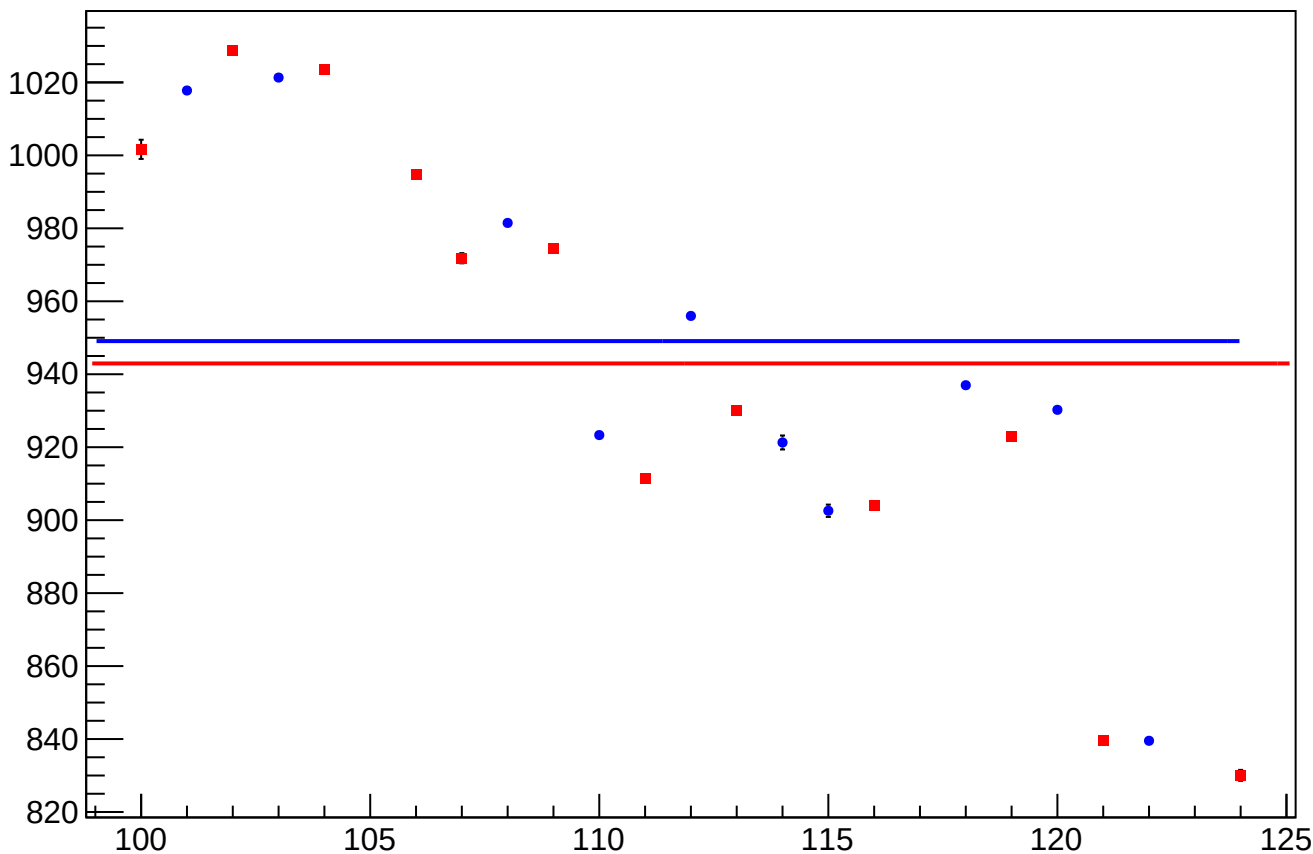
Right: -1.983 ± 0.319 χ^2/NDF : 103.6/21

In: -0.390 ± 0.470 χ^2/NDF : 37.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.983 ± 0.319 χ^2/NDF : 103.6/21

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 949.083+/-0.332 χ^2/NDF : 29064.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 942.958+/-0.307 χ^2/NDF : 40921.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

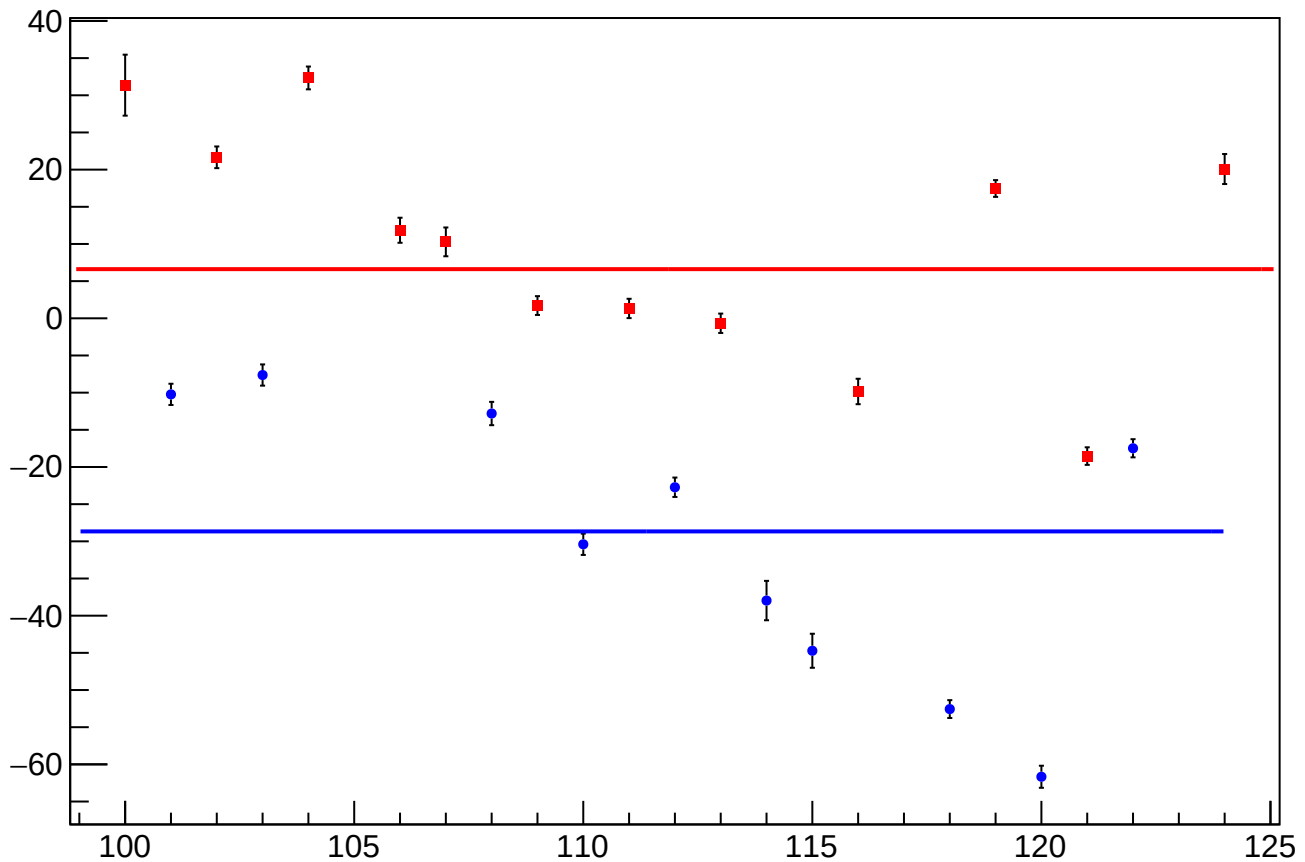
Right: 945.784+/-0.226 χ^2/NDF : 70169.1/21

In: 949.083+/-0.332 χ^2/NDF : 29064.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.784+/-0.226 χ^2/NDF : 70169.1/21

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -28.664+/-0.466 χ^2/NDF : 1543.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.614+/-0.427 χ^2/NDF : 1183.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

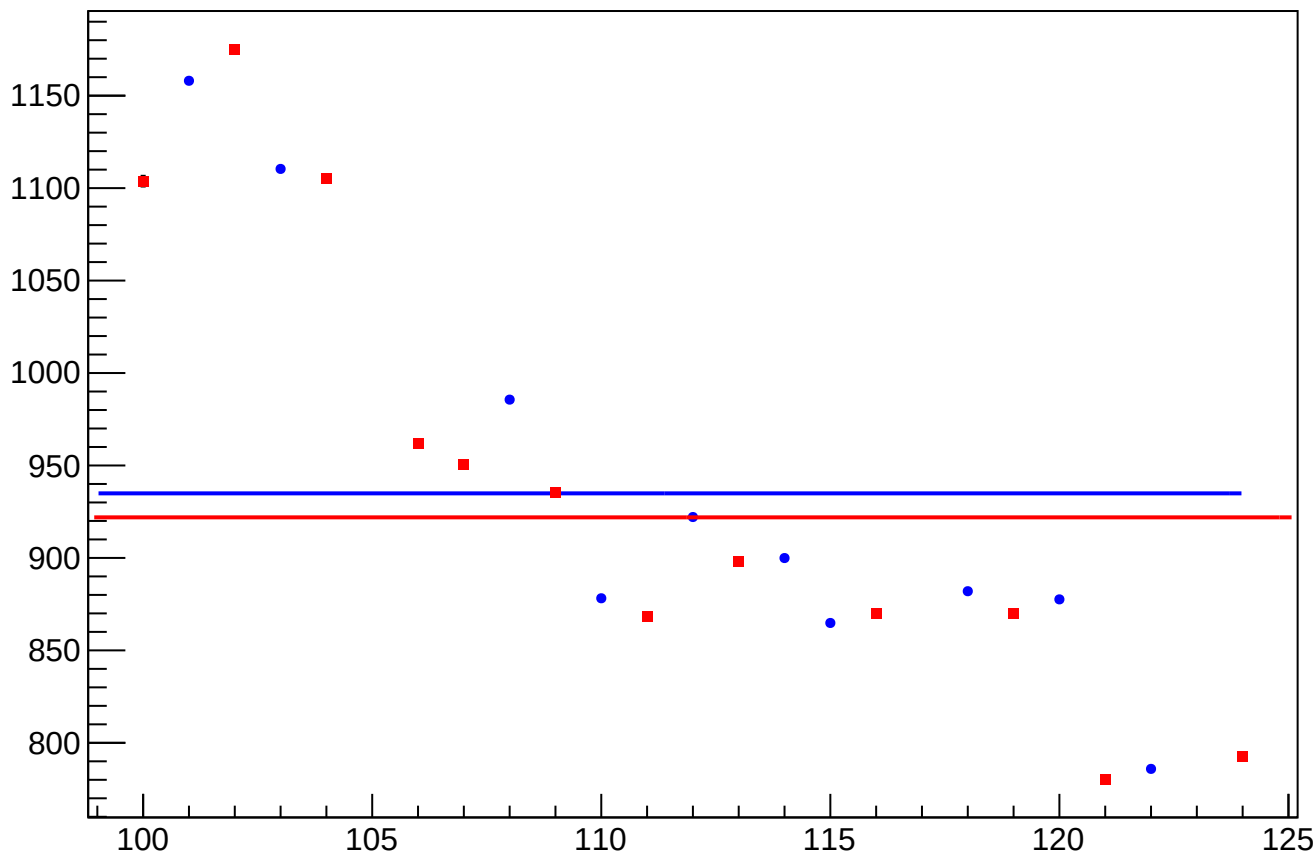
Right: -9.522+/-0.315 χ^2/NDF : 5842.3/21

In: -28.664+/-0.466 χ^2/NDF :1543.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -9.522+/-0.315 χ^2/NDF : 5842.3/21

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 934.921+/-0.329 χ^2/NDF : 123281.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 921.944+/-0.302 χ^2/NDF : 141600.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

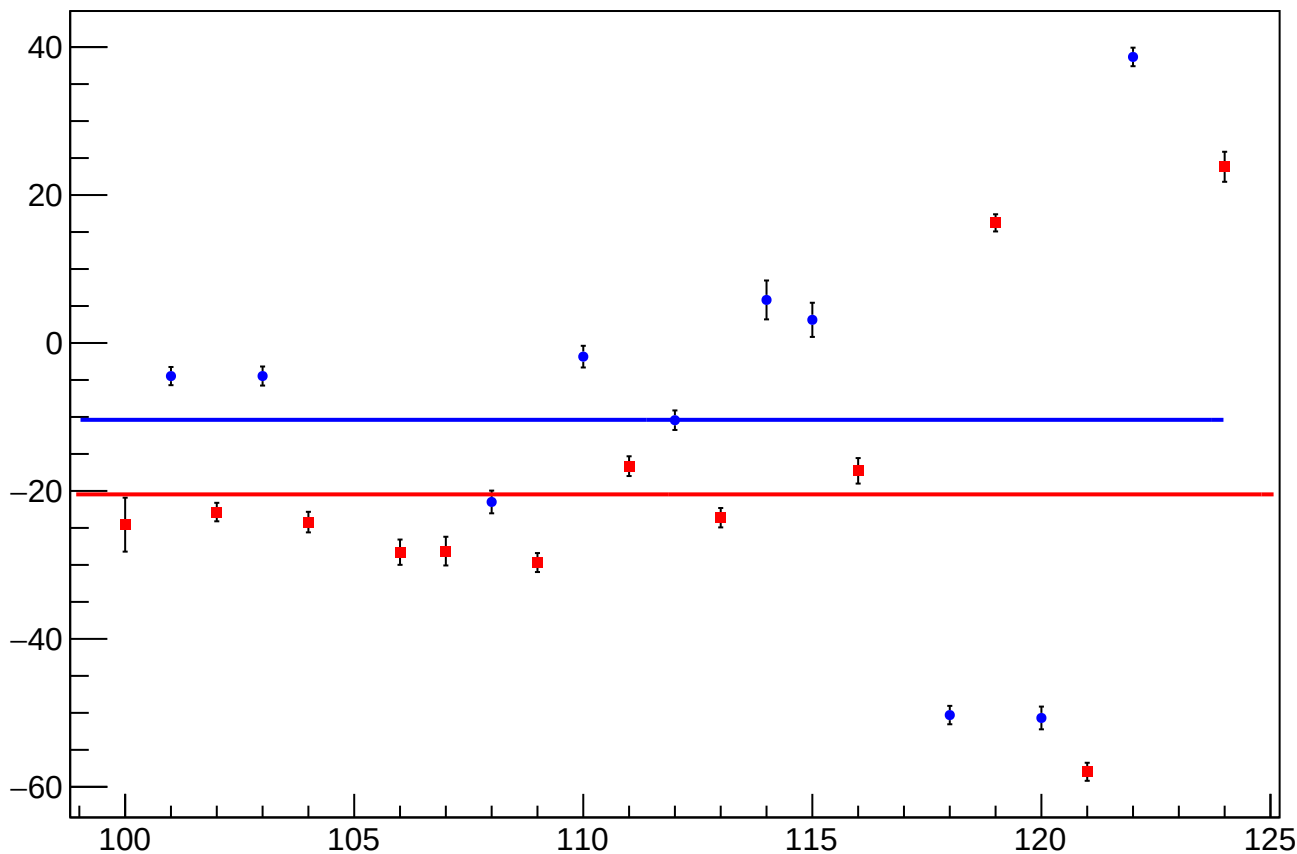
Right: 927.880+/-0.223 χ^2/NDF : 265724.8/21

In: 934.921+/-0.329 χ^2/NDF : 123281.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.880+/-0.223 χ^2/NDF : 265724.8/21

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -10.388+/-0.458 χ^2/NDF : 3456.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.465+/-0.423 χ^2/NDF : 2540.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

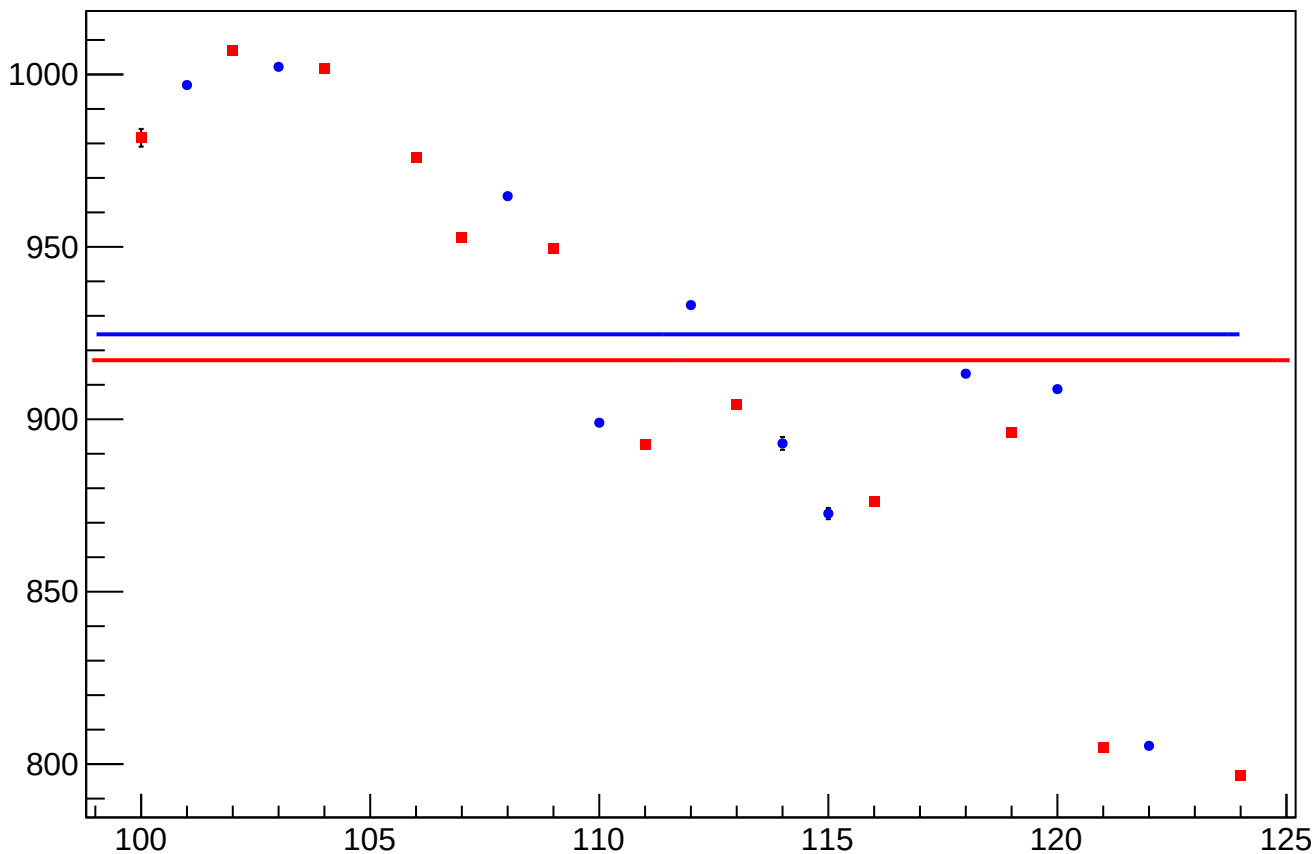
Right: -15.824+/-0.311 χ^2/NDF : 6258.0/21

In: -10.388+/-0.458 χ^2/NDF : 3456.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.824+/-0.311 χ^2/NDF : 6258.0/21

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 924.637+/-0.324 χ^2/NDF : 36081.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 917.127+/-0.299 χ^2/NDF : 49367.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

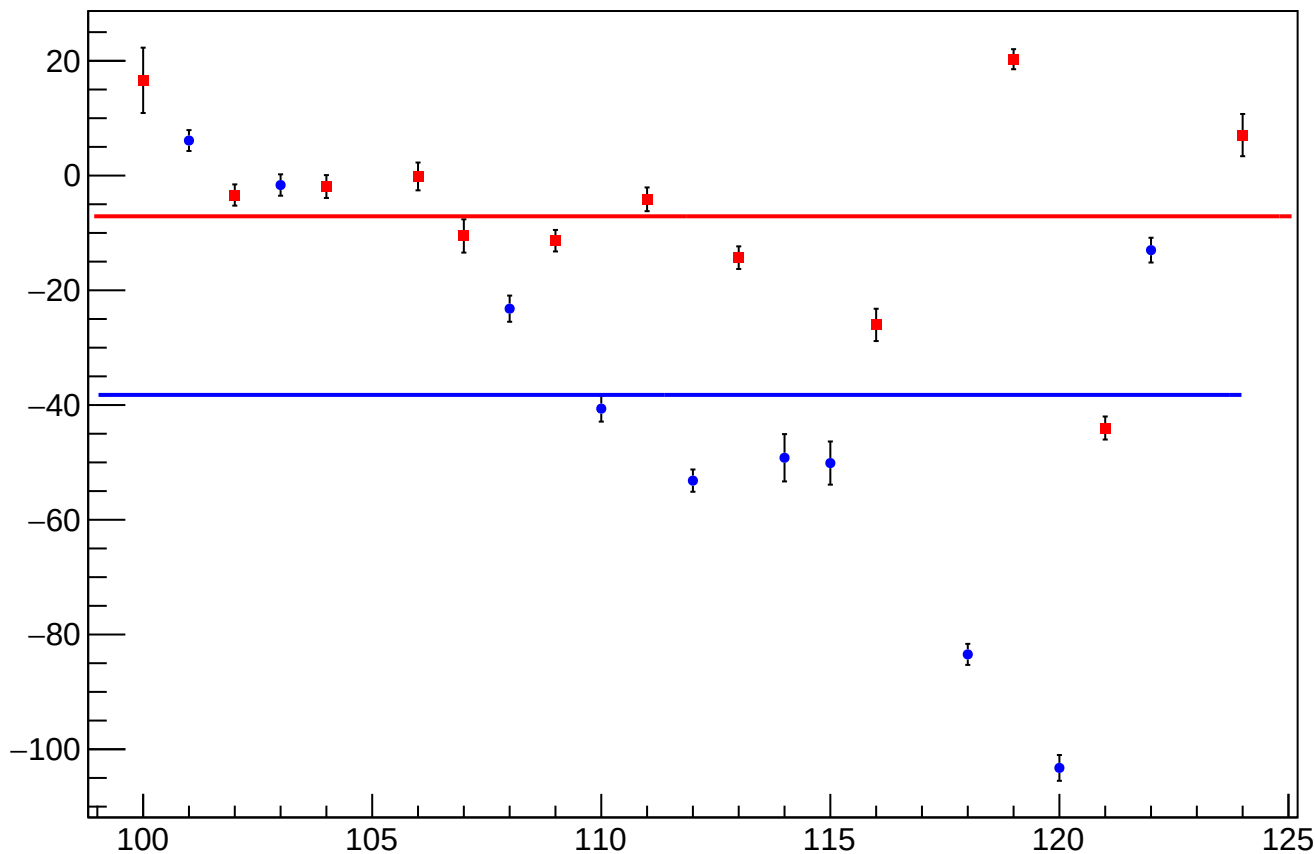
Right: 920.585+/-0.220 χ^2/NDF : 85738.7/21

In: 924.637+/-0.324 χ^2/NDF : 36081.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 920.585+/-0.220 χ^2/NDF : 85738.7/21

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -38.232 $\pm$ 0.693 χ^2 /NDF: 2680.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.099 $\pm$ 0.643 χ^2 /NDF: 701.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

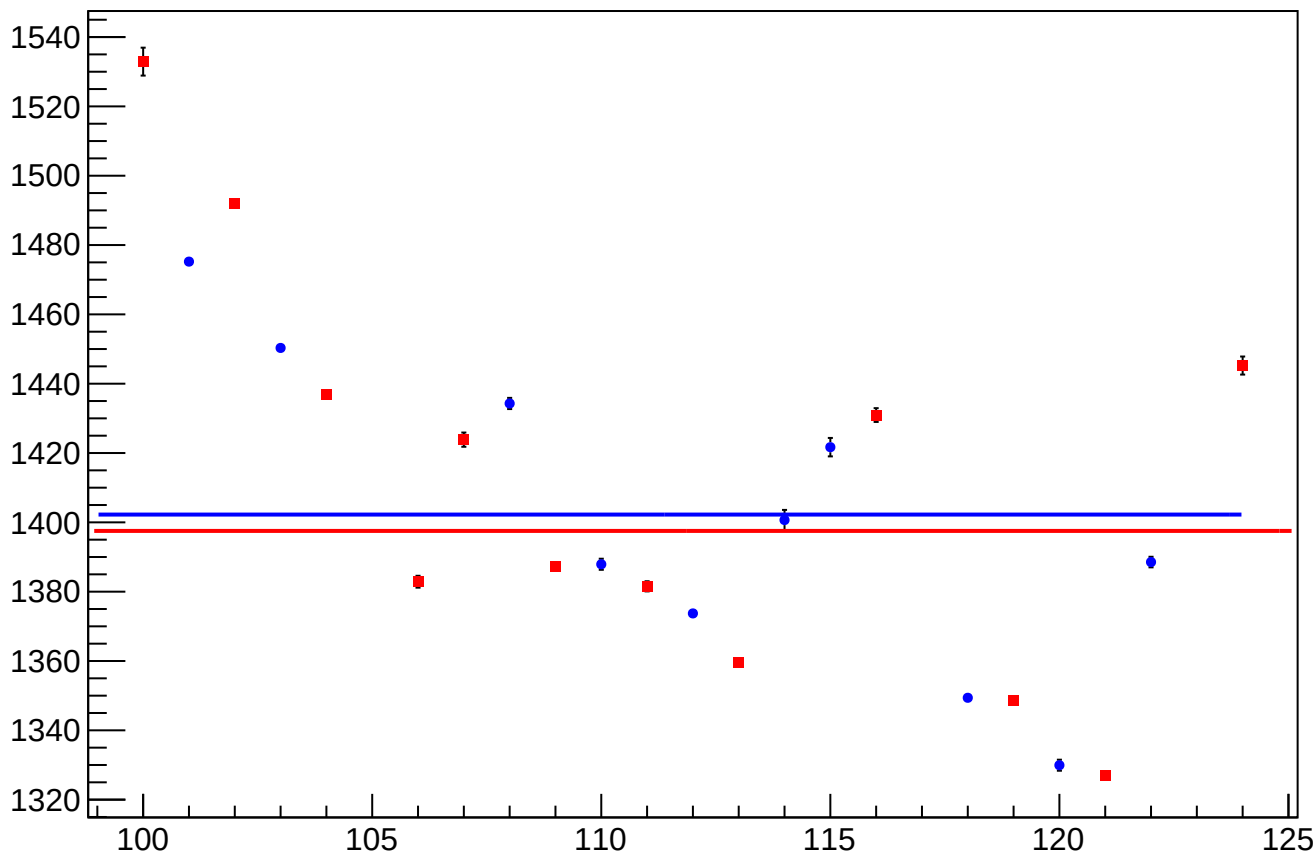
Right: -21.511 $\pm$ 0.472 χ^2 /NDF: 4466.1/21

In: -38.232 $\pm$ 0.693 χ^2 /NDF:2680.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.511 $\pm$ 0.472 χ^2 /NDF: 4466.1/21

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1402.244+/-0.490 χ^2/NDF : 9318.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1397.528+/-0.455 χ^2/NDF : 12934.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

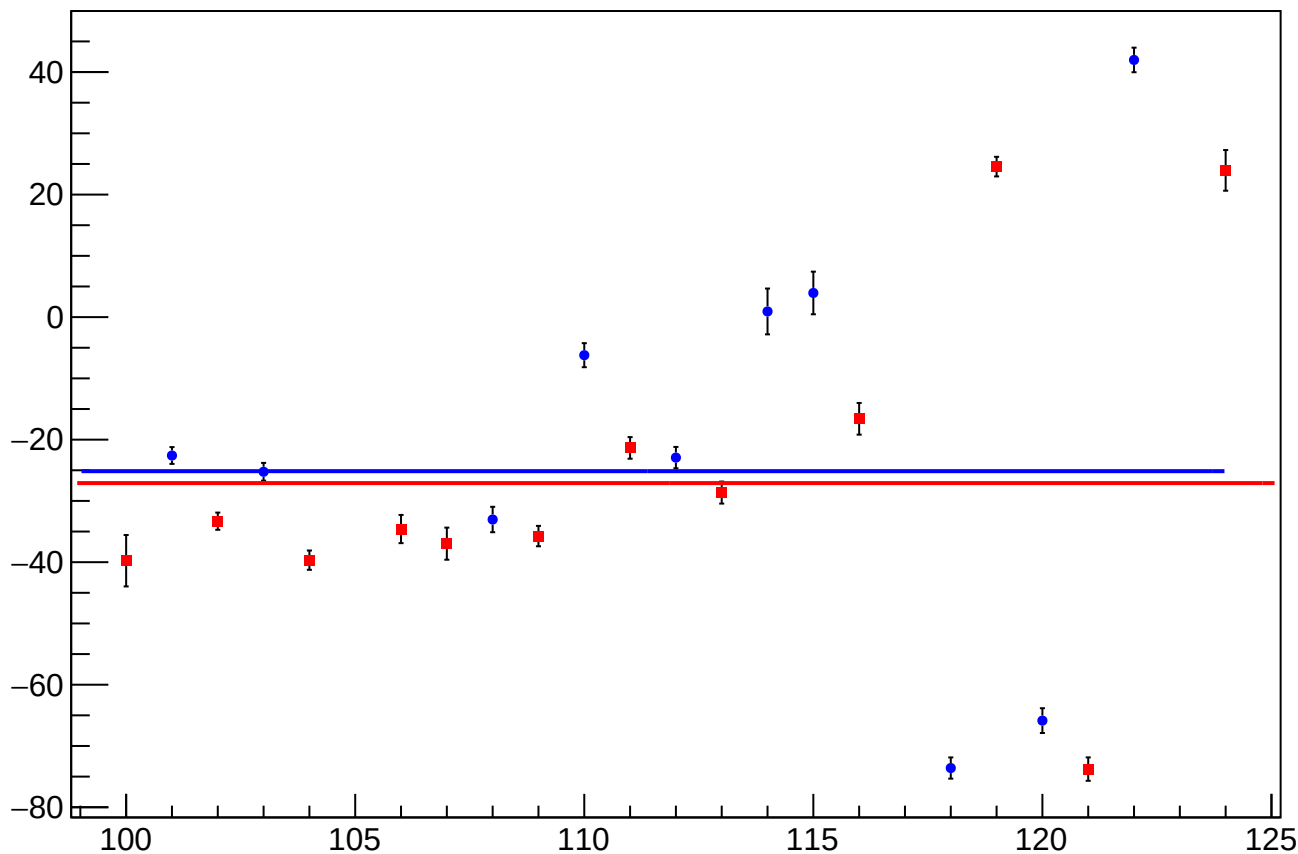
Right: 1399.711+/-0.333 χ^2/NDF : 22302.5/21

In: 1402.244+/-0.490 χ^2/NDF : 9318.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.711+/-0.333 χ^2/NDF : 22302.5/21

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -25.145+/-0.597 χ^2/NDF : 2541.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.089+/-0.559 χ^2/NDF : 2046.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

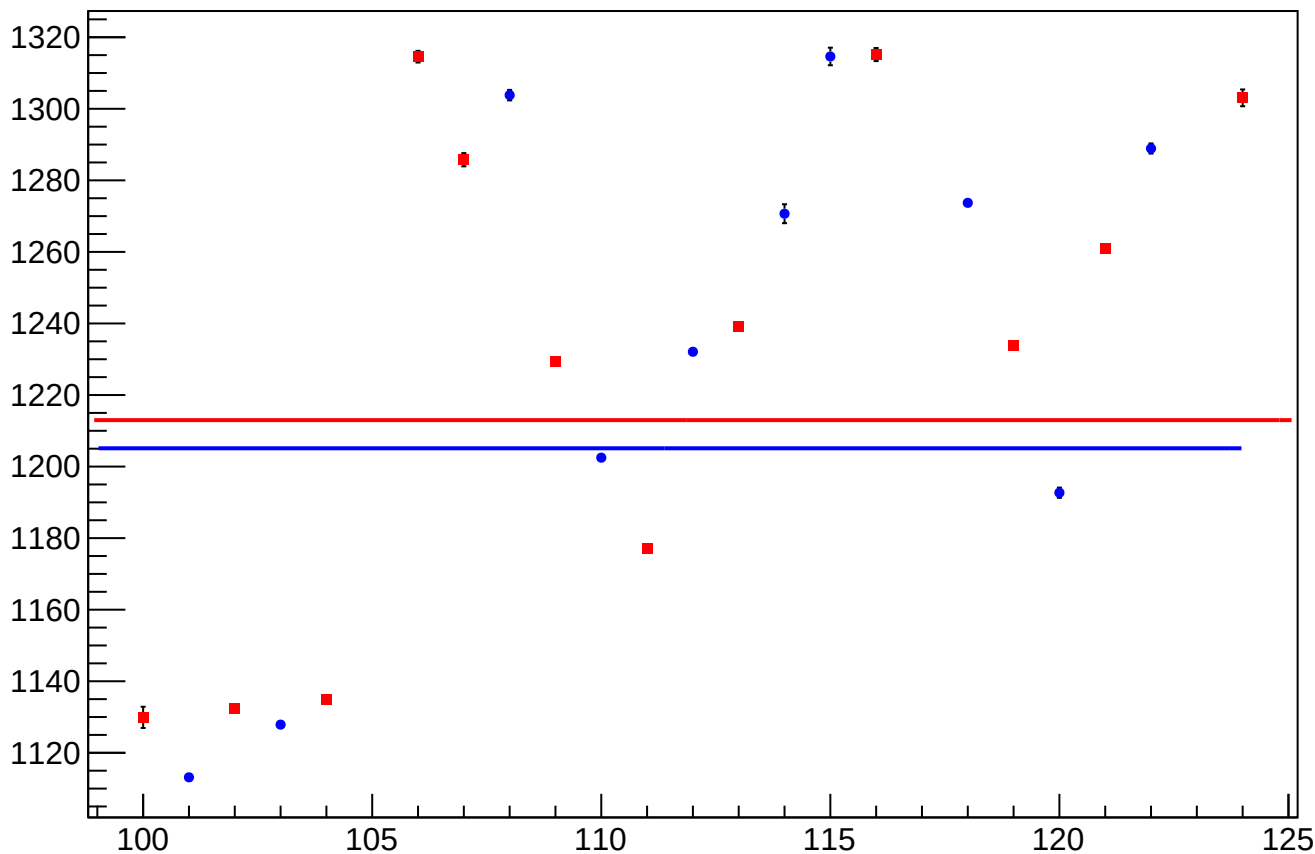
Right: -26.180+/-0.408 χ^2/NDF : 4593.4/21

In: -25.145+/-0.597 χ^2/NDF : 2541.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.180+/-0.408 χ^2/NDF : 4593.4/21

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1205.113+/-0.422 χ^2/NDF : 28967.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1212.986+/-0.395 χ^2/NDF : 25394.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

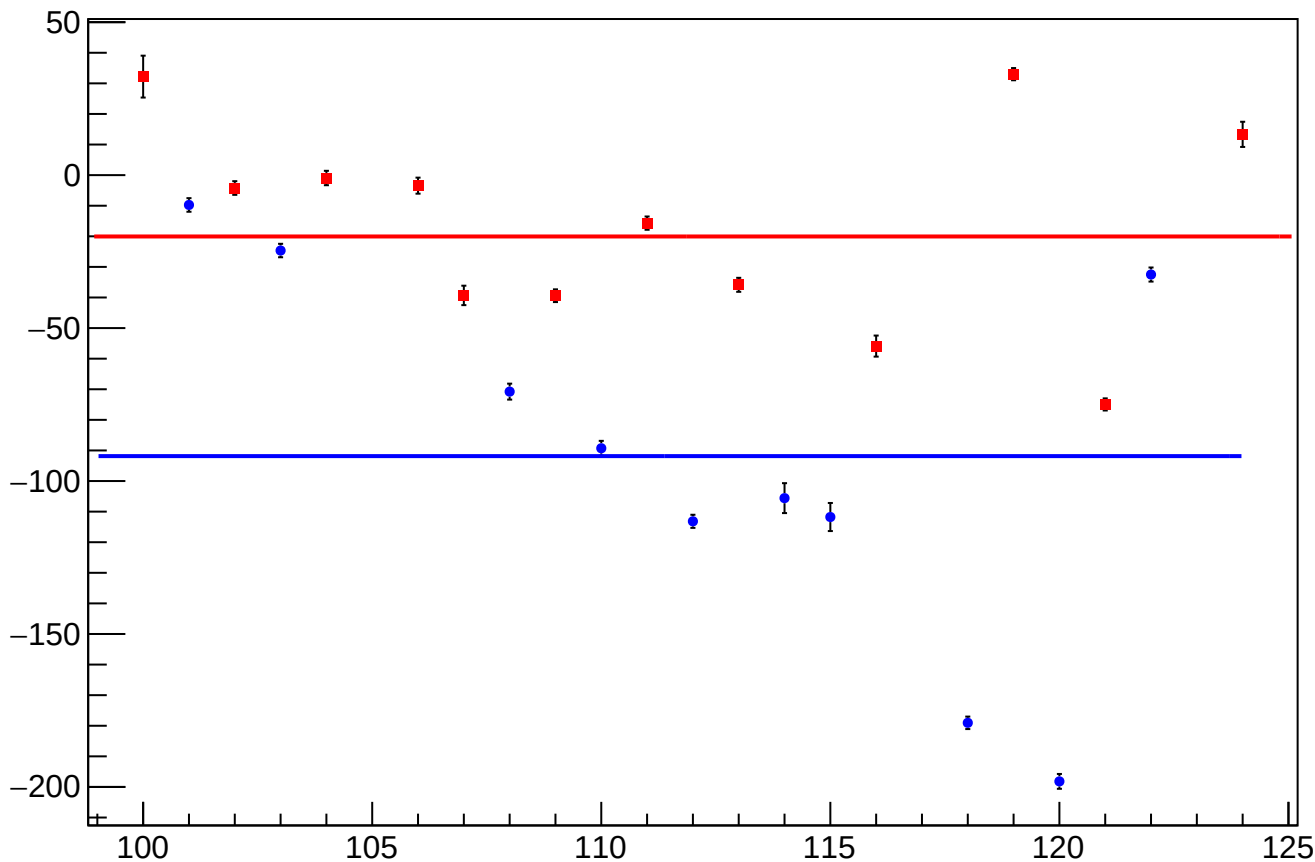
Right: 1209.304+/-0.288 χ^2/NDF : 54547.1/21

In: 1205.113+/-0.422 χ^2/NDF : 28967.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1209.304+/-0.288 χ^2/NDF : 54547.1/21

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -91.854+/-0.783 χ^2/NDF : 6906.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.053+/-0.720 χ^2/NDF : 2037.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

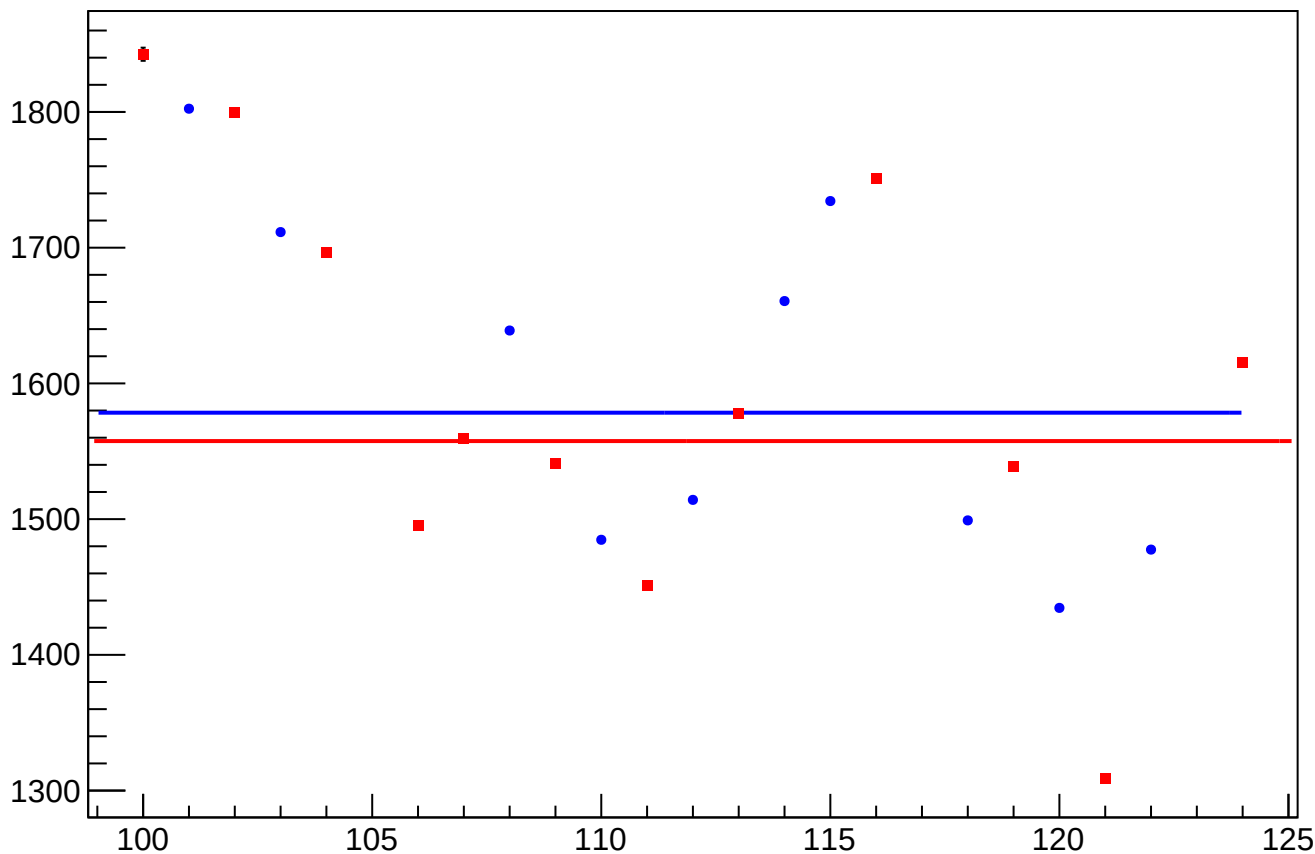
Right: -52.964+/-0.530 χ^2/NDF : 13504.4/21

In: -91.854+/-0.783 χ^2/NDF : 6906.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.964+/-0.530 χ^2/NDF : 13504.4/21

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1578.421+/-0.553 χ^2/NDF : 50267.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.514+/-0.509 χ^2/NDF : 78612.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

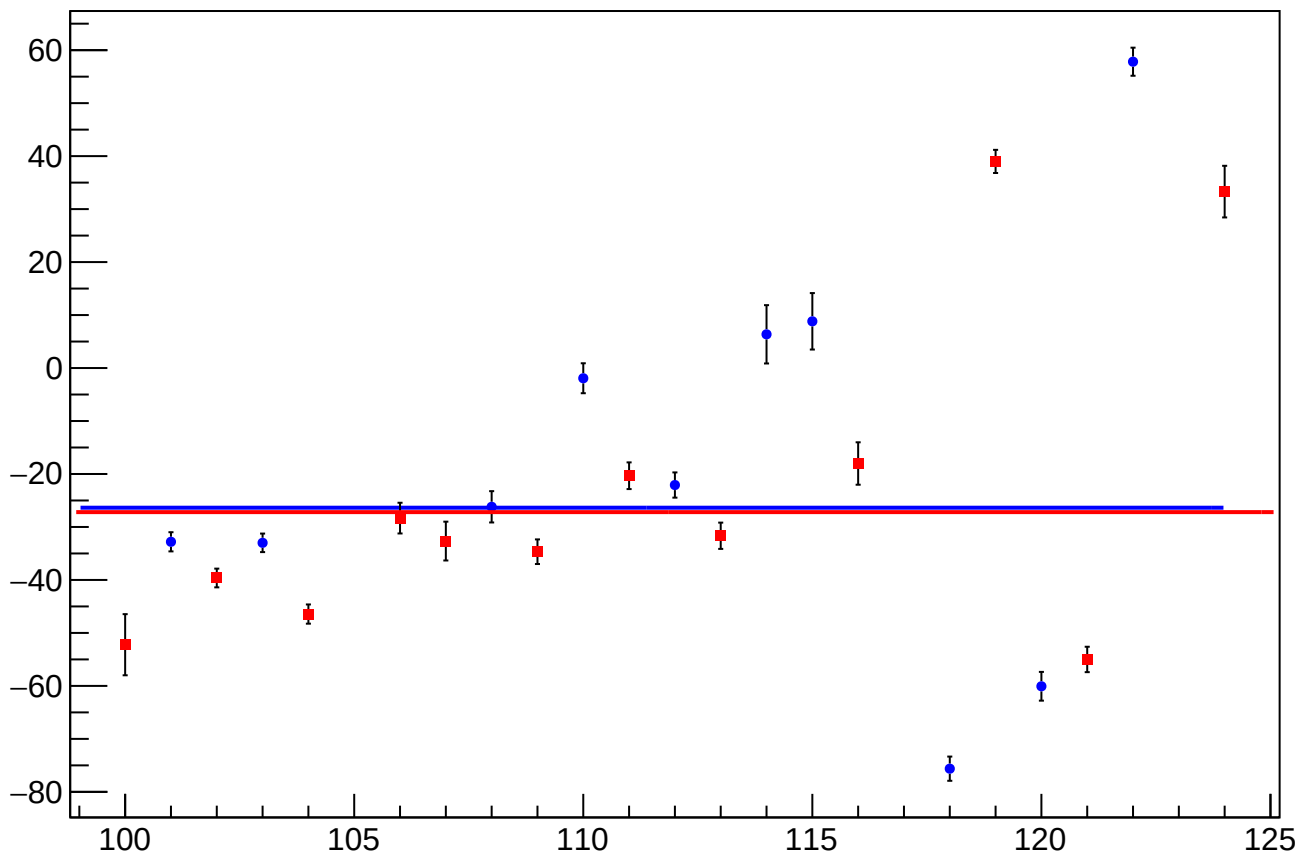
Right: 1567.097+/-0.375 χ^2/NDF : 129653.6/21

In: 1578.421+/-0.553 χ^2/NDF : 50267.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.097+/-0.375 χ^2/NDF : 129653.6/21

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -26.363+/-0.794 χ^2/NDF : 1811.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.197+/-0.737 χ^2/NDF : 1416.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

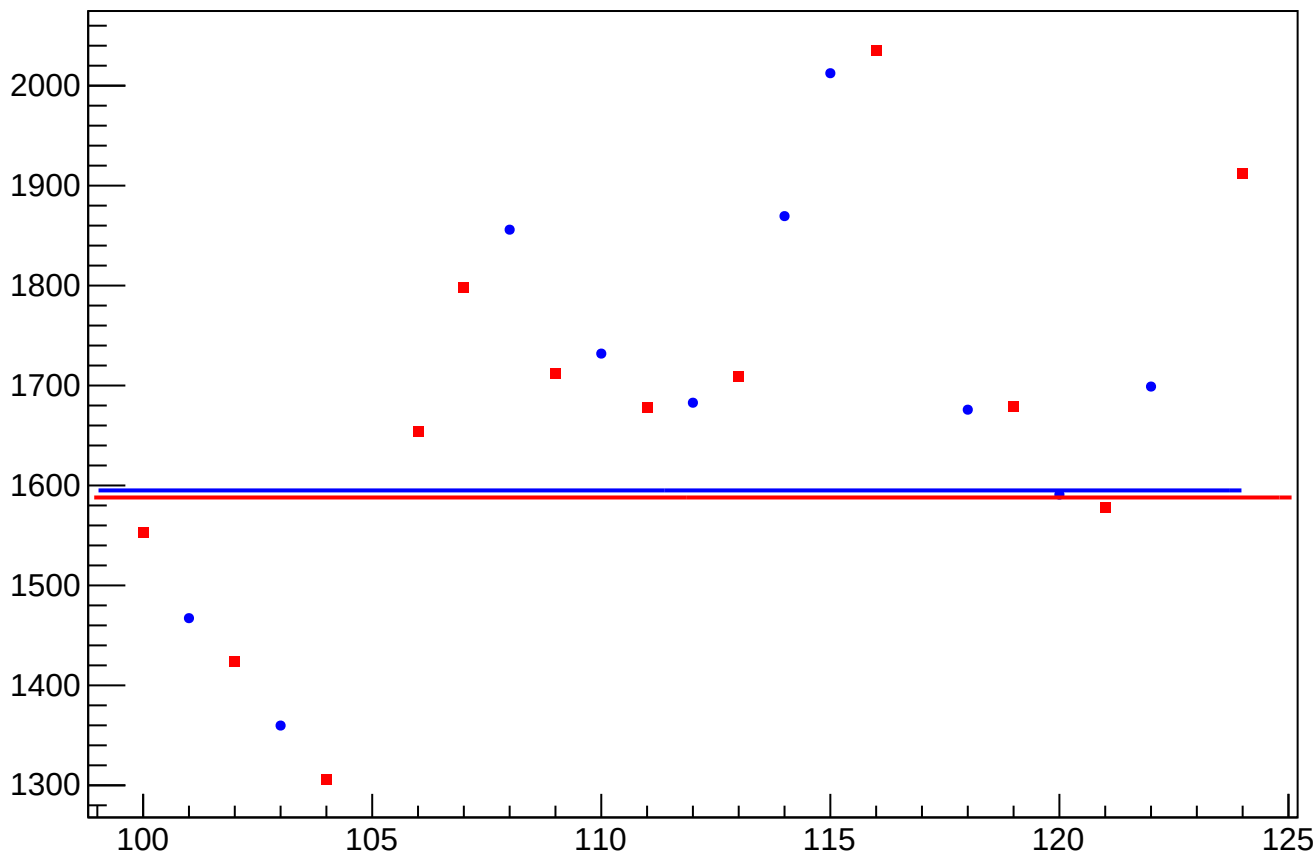
Right: -26.811+/-0.540 χ^2/NDF : 3228.8/21

In: -26.363+/-0.794 χ^2/NDF : 1811.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.811+/-0.540 χ^2/NDF : 3228.8/21

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1595.053+/-0.561 χ^2/NDF : 91967.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1587.980+/-0.521 χ^2/NDF : 123651.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

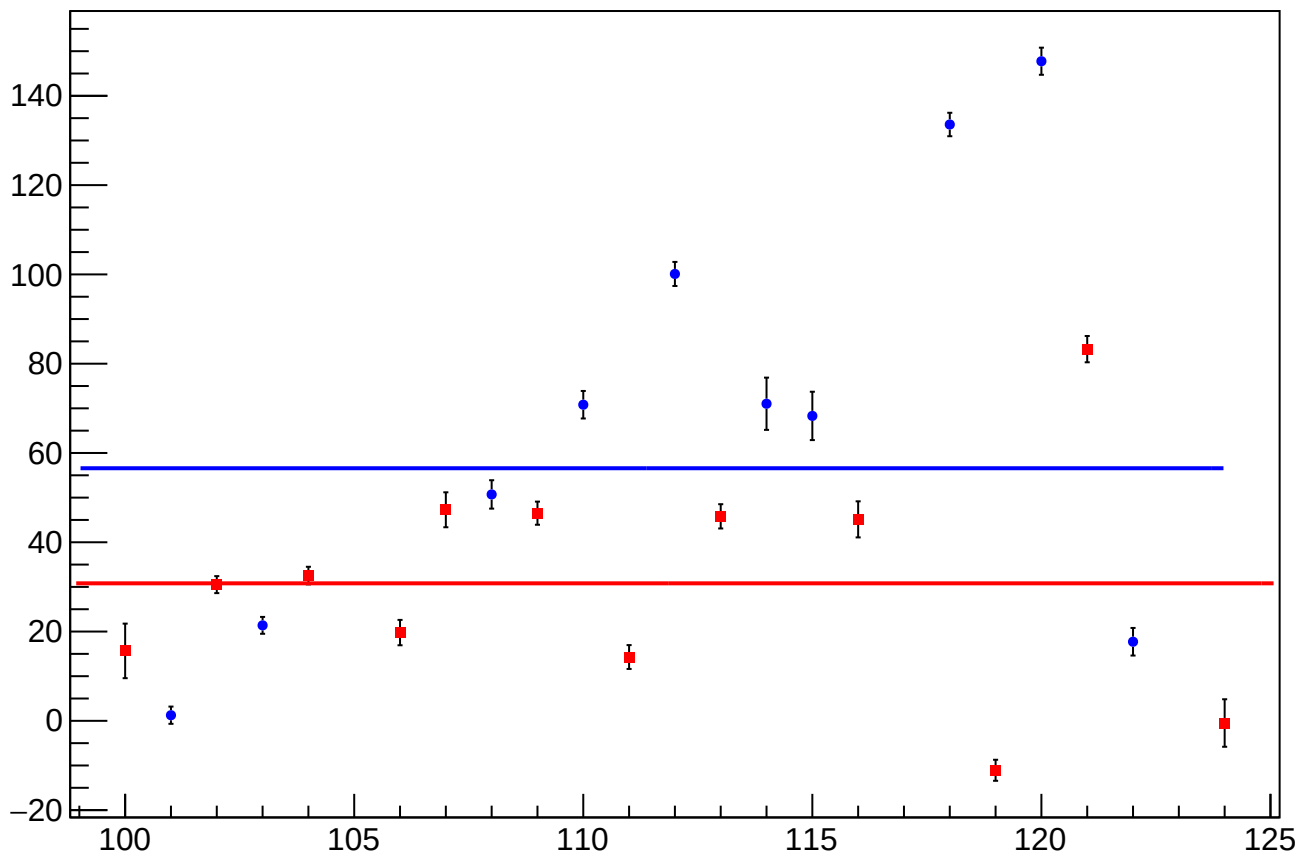
Right: 1591.253+/-0.382 χ^2/NDF : 215704.6/21

In: 1595.053+/-0.561 χ^2/NDF :91967.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1591.253+/-0.382 χ^2/NDF : 215704.6/21

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 56.581+/-0.873 χ^2/NDF : 3382.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.802+/-0.799 χ^2/NDF : 825.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

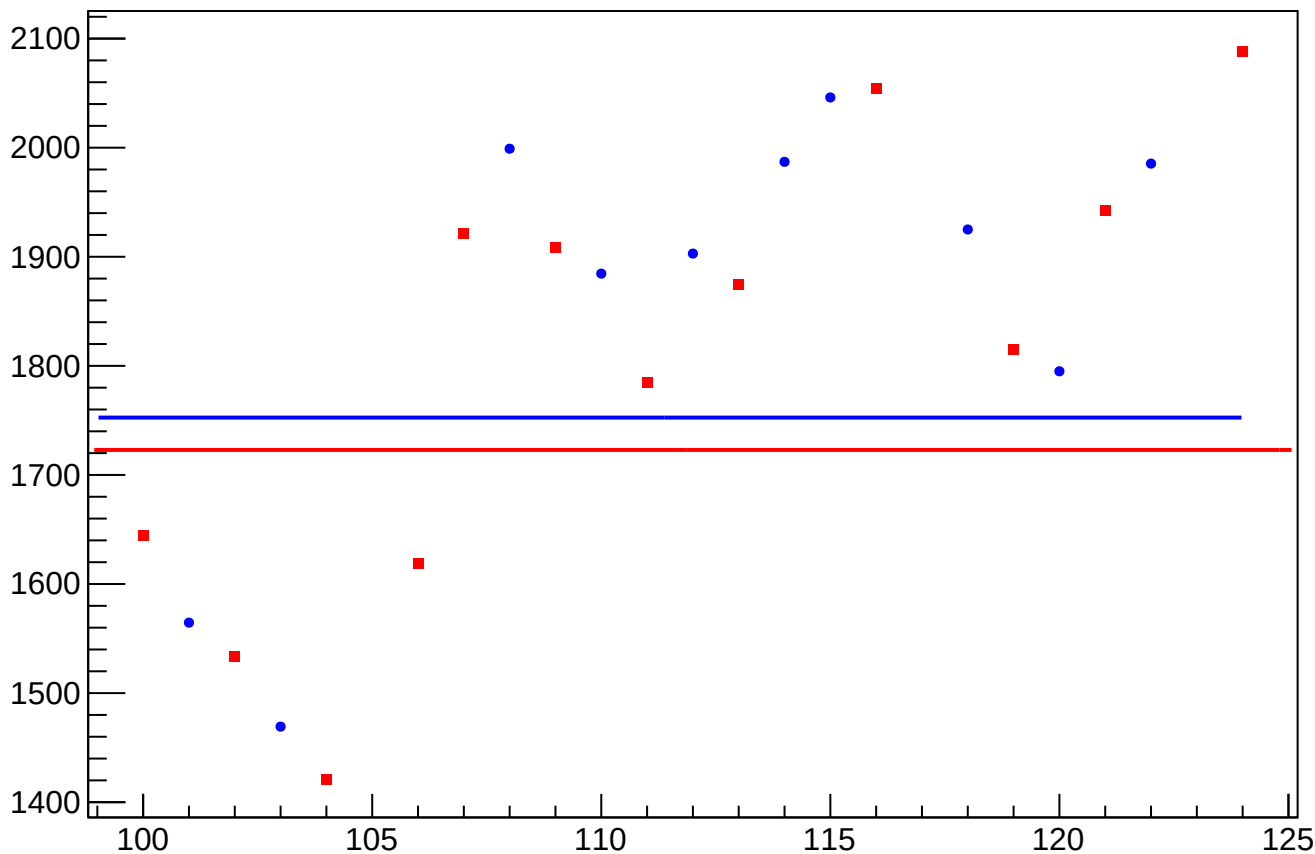
Right: 42.554+/-0.590 χ^2/NDF : 4681.9/21

In: 56.581+/-0.873 χ^2/NDF : 3382.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.554+/-0.590 χ^2/NDF : 4681.9/21

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1752.564+/-0.617 χ^2/NDF : 115249.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1722.919+/-0.565 χ^2/NDF : 129430.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

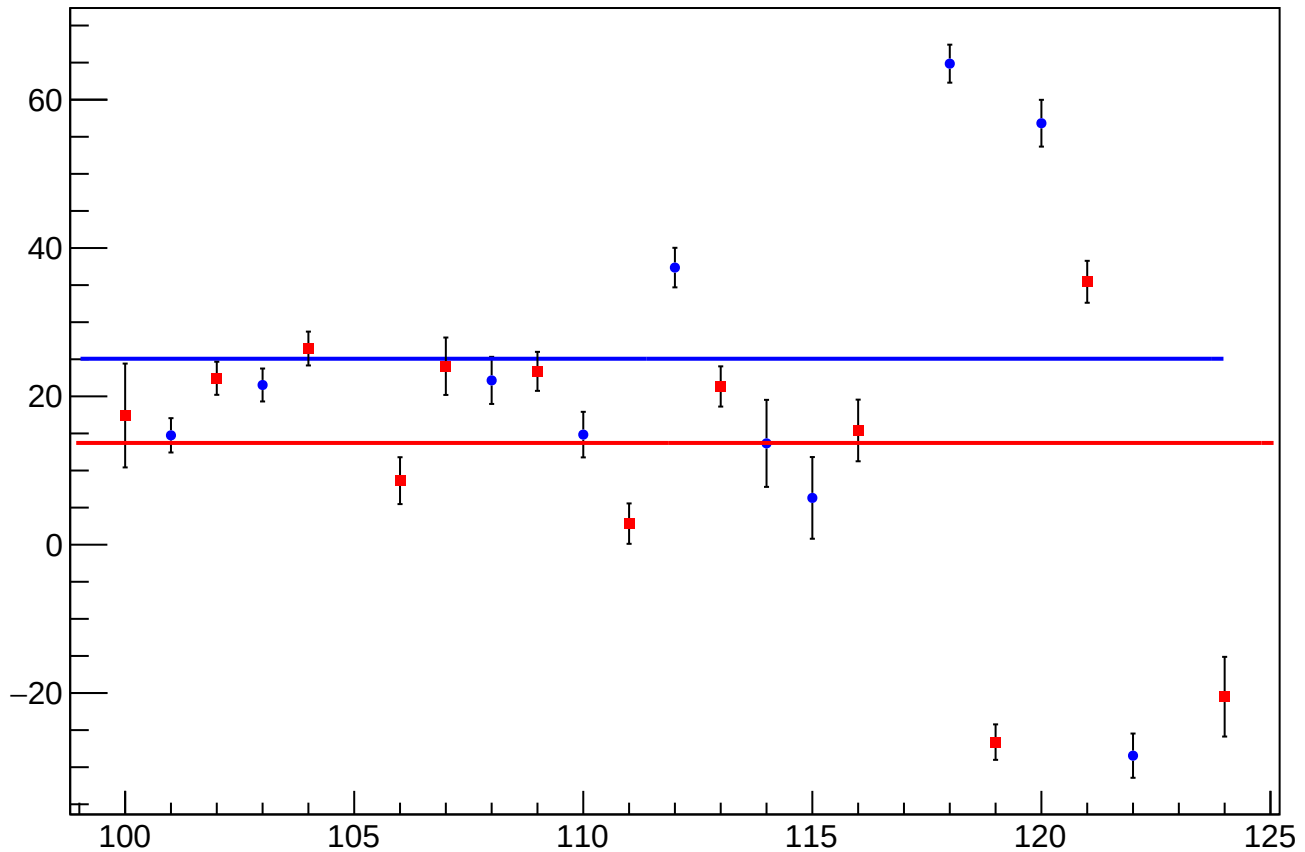
Right: 1736.434+/-0.417 χ^2/NDF : 245934.2/21

In: 1752.564+/-0.617 χ^2/NDF : 115249.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.434+/-0.417 χ^2/NDF : 245934.2/21

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 25.072+/-0.927 χ^2/NDF : 735.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.719+/-0.849 χ^2/NDF : 477.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

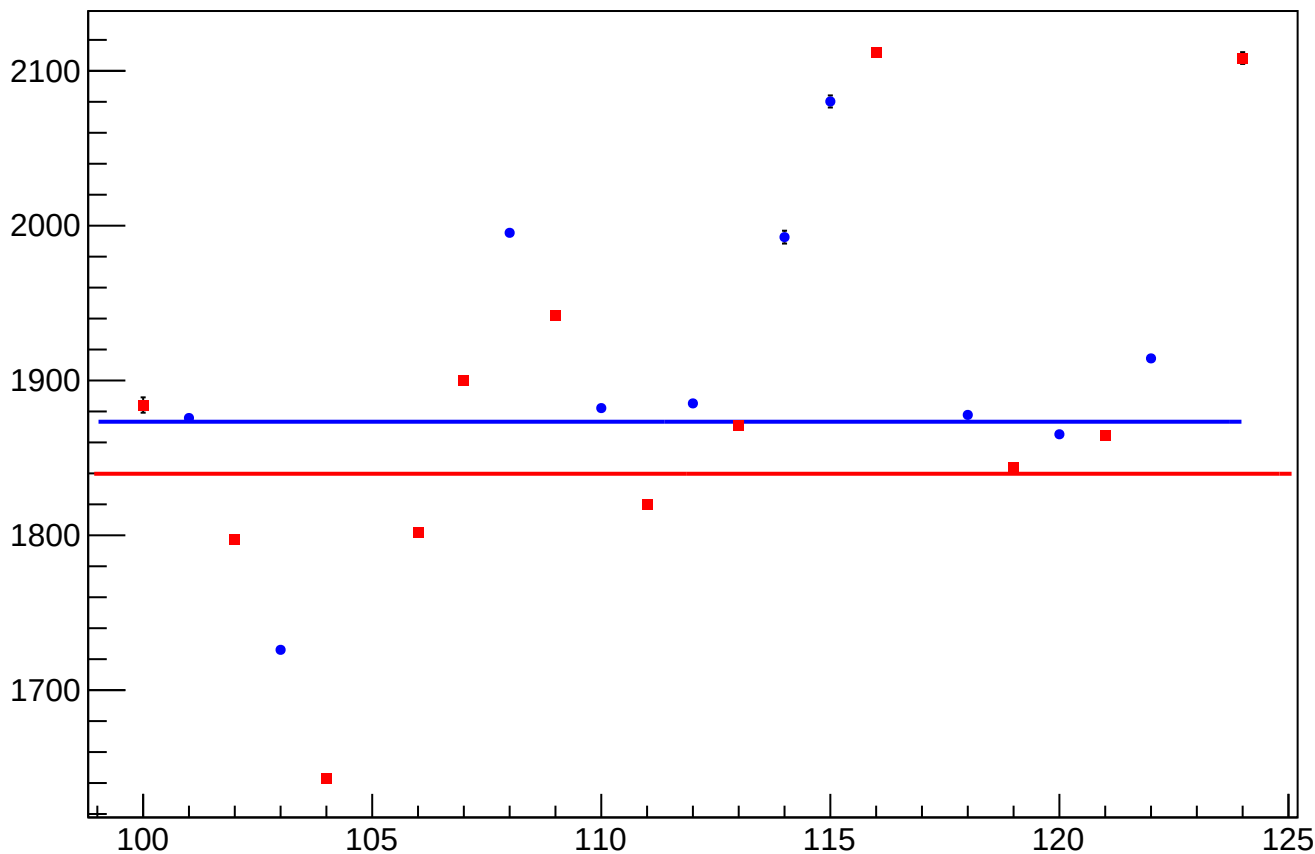
Right: 18.893+/-0.626 χ^2/NDF : 1294.8/21

In: 25.072+/-0.927 χ^2/NDF : 735.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.893+/-0.626 χ^2/NDF : 1294.8/21

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1873.371+/-0.656 χ^2/NDF : 15859.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.759+/-0.600 χ^2/NDF : 33594.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

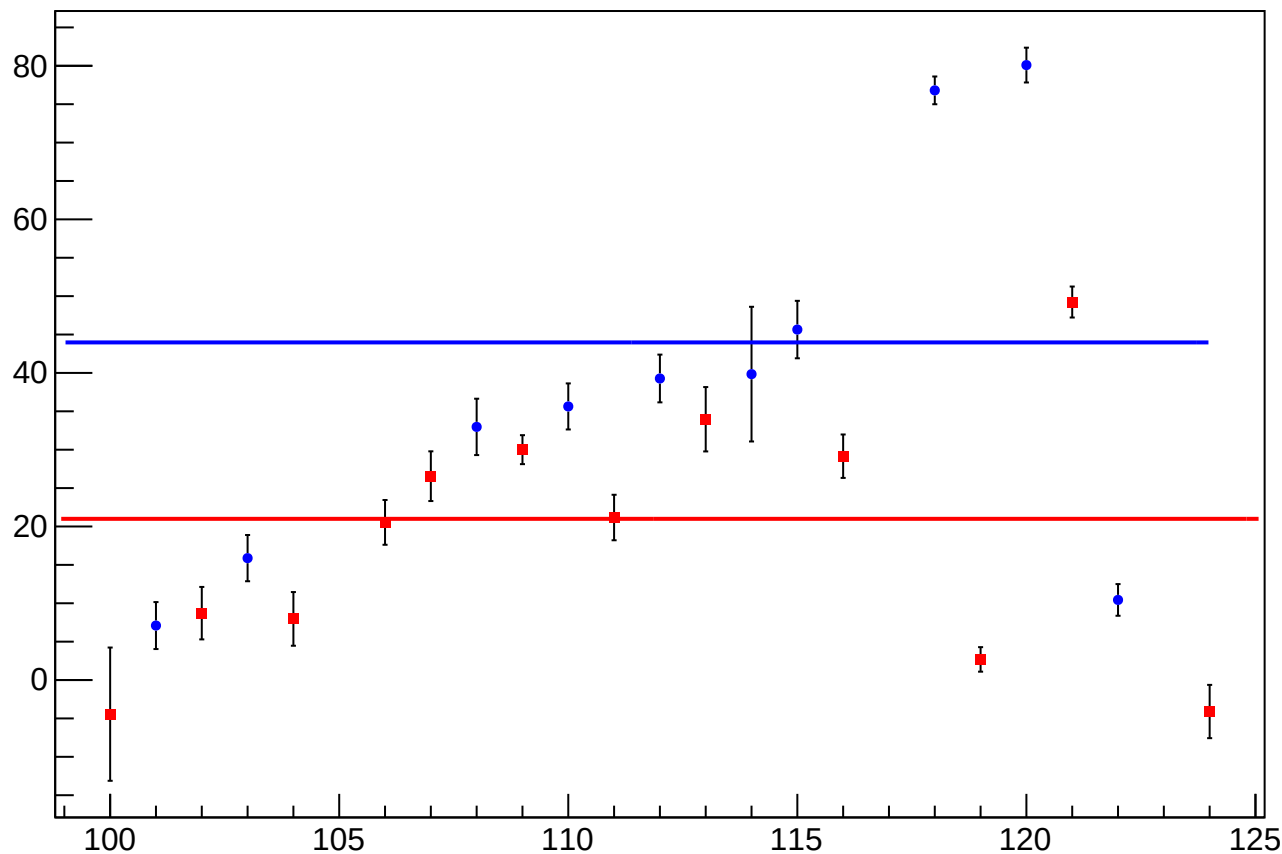
Right: 1855.078+/-0.443 χ^2/NDF : 50884.0/21

In: 1873.371+/-0.656 χ^2/NDF : 15859.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.078+/-0.443 χ^2/NDF : 50884.0/21

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 43.973+/-0.868 χ^2/NDF : 1099.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.996+/-0.769 χ^2/NDF : 458.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

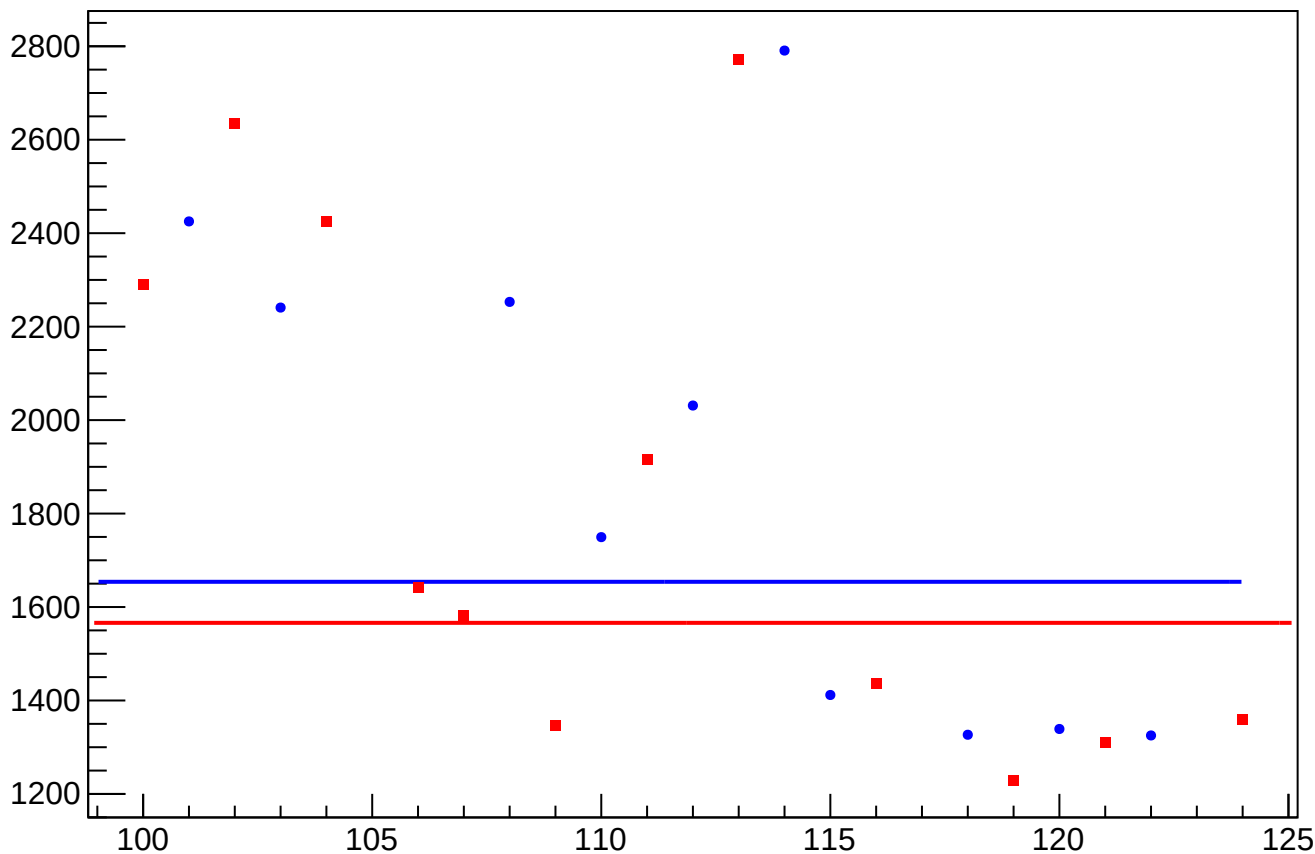
Right: 31.093+/-0.576 χ^2/NDF : 1950.9/21

In: 43.973+/-0.868 χ^2/NDF :1099.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.093+/-0.576 χ^2/NDF : 1950.9/21

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1653.988+/-0.614 χ^2/NDF : 484784.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1566.149+/-0.544 χ^2/NDF : 685028.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

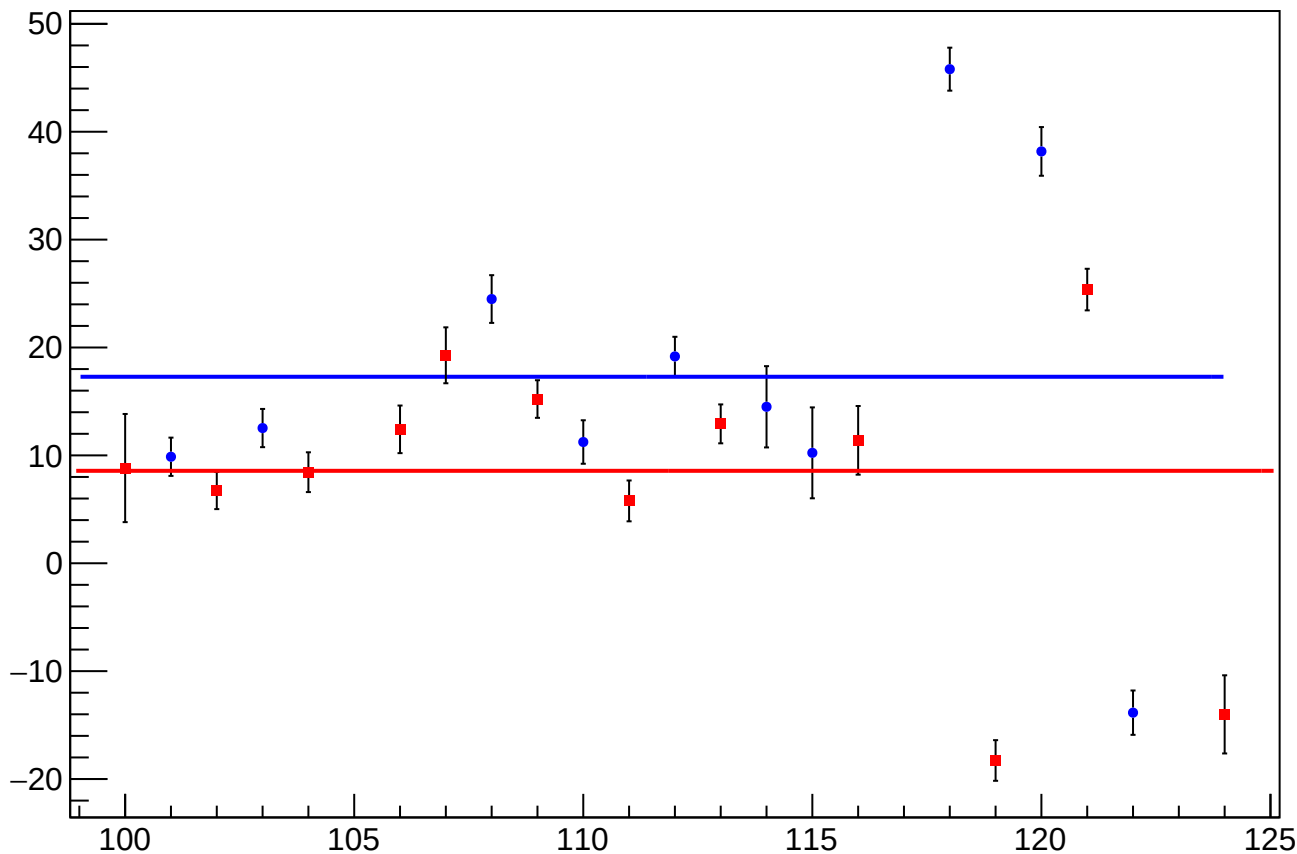
Right: 1604.750+/-0.407 χ^2/NDF : 1181282.6/21

In: 1653.988+/-0.614 χ^2/NDF : 484784.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.750+/-0.407 χ^2/NDF : 1181282.6/21

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 17.287+/-0.674 χ^2/NDF : 568.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.569+/-0.612 χ^2/NDF : 362.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

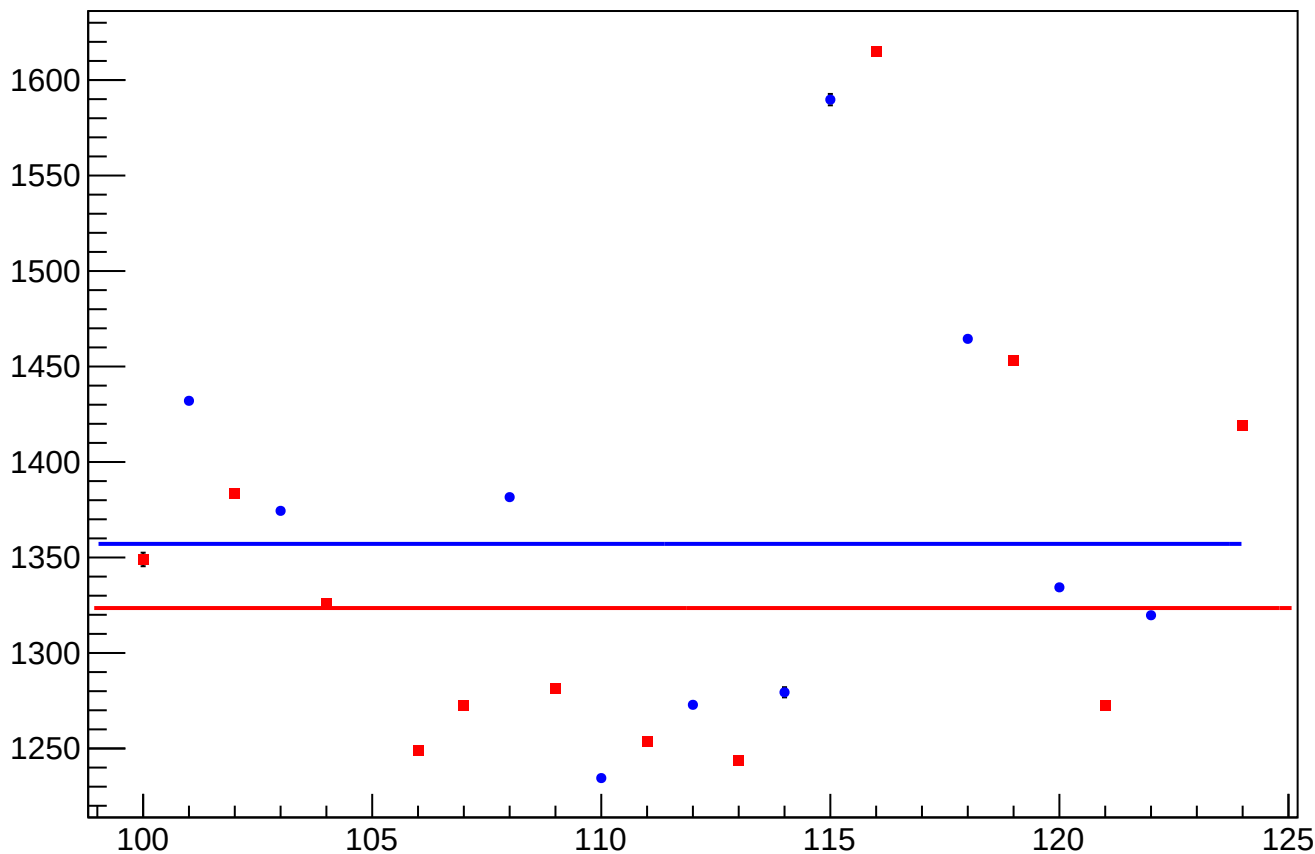
Right: 12.511+/-0.453 χ^2/NDF : 1023.0/21

In: 17.287+/-0.674 χ^2/NDF : 568.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.511+/-0.453 χ^2/NDF : 1023.0/21

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1357.129+/-0.477 χ^2/NDF : 29322.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.532+/-0.433 χ^2/NDF : 42382.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

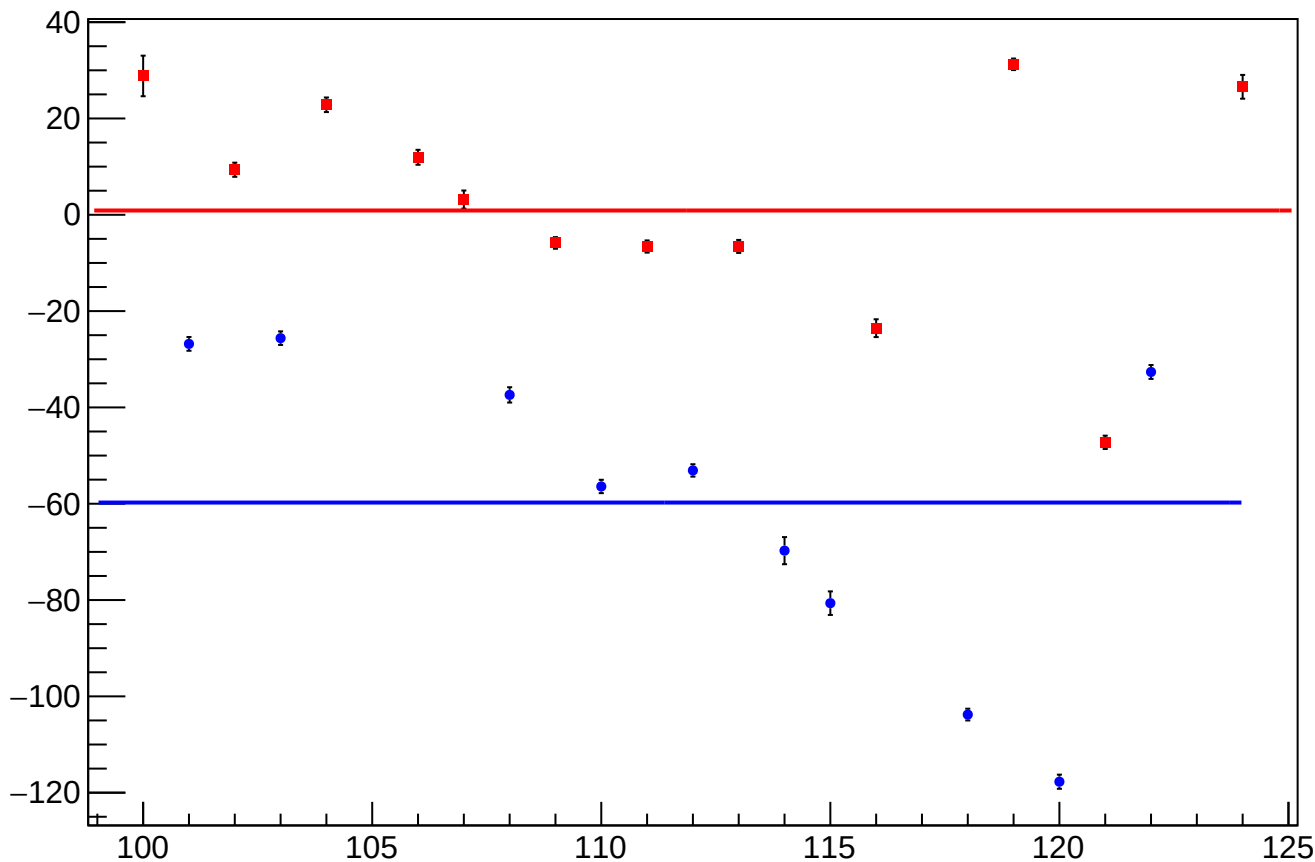
Right: 1338.721+/-0.320 χ^2/NDF : 74428.0/21

In: 1357.129+/-0.477 χ^2/NDF : 29322.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.721+/-0.320 χ^2/NDF : 74428.0/21

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -59.755+/-0.476 χ^2/NDF : 4636.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.892+/-0.439 χ^2/NDF : 2571.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

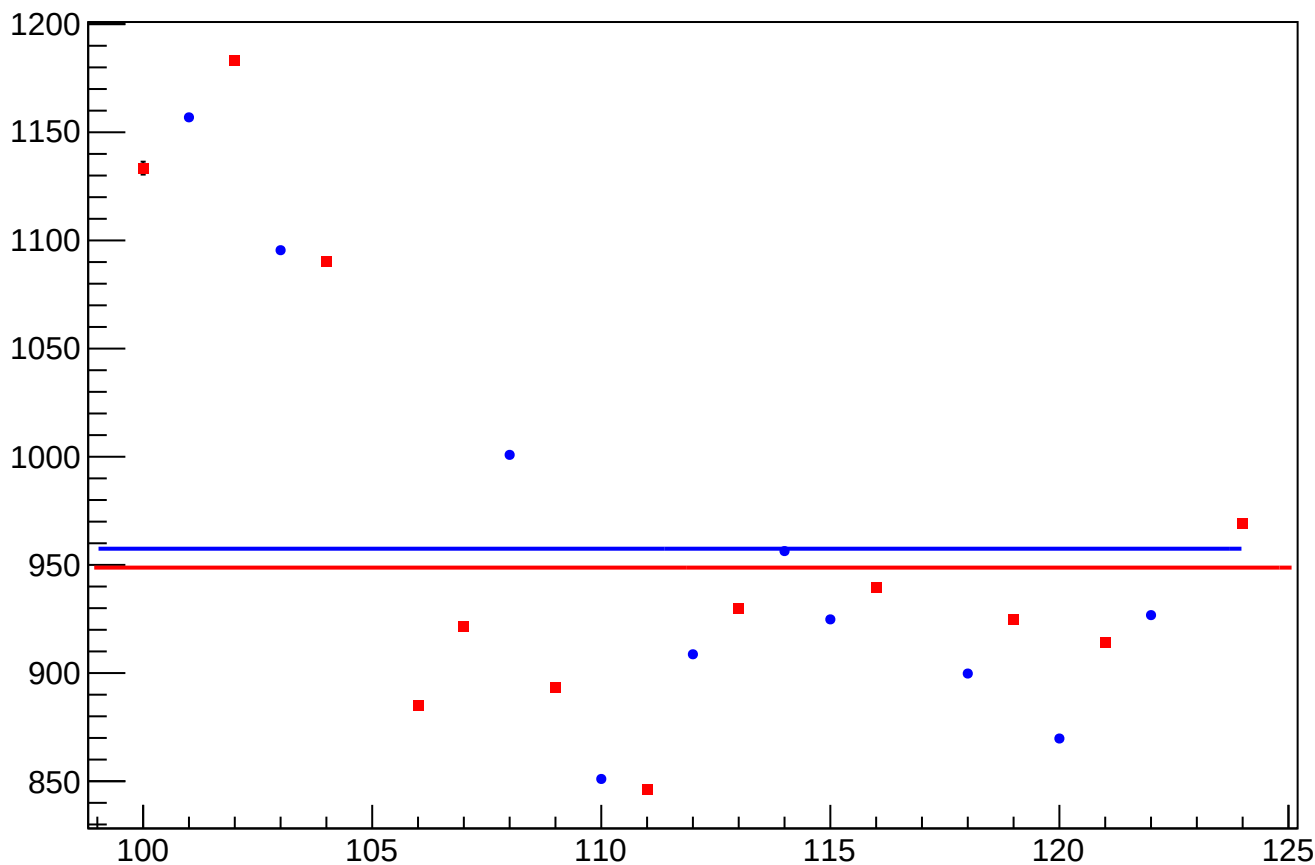
Right: -26.989+/-0.323 χ^2/NDF : 15985.1/21

In: -59.755+/-0.476 χ^2/NDF :4636.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -26.989+/-0.323 χ^2/NDF : 15985.1/21

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 957.487+/-0.336 χ^2/NDF : 87138.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.749+/-0.310 χ^2/NDF : 95978.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

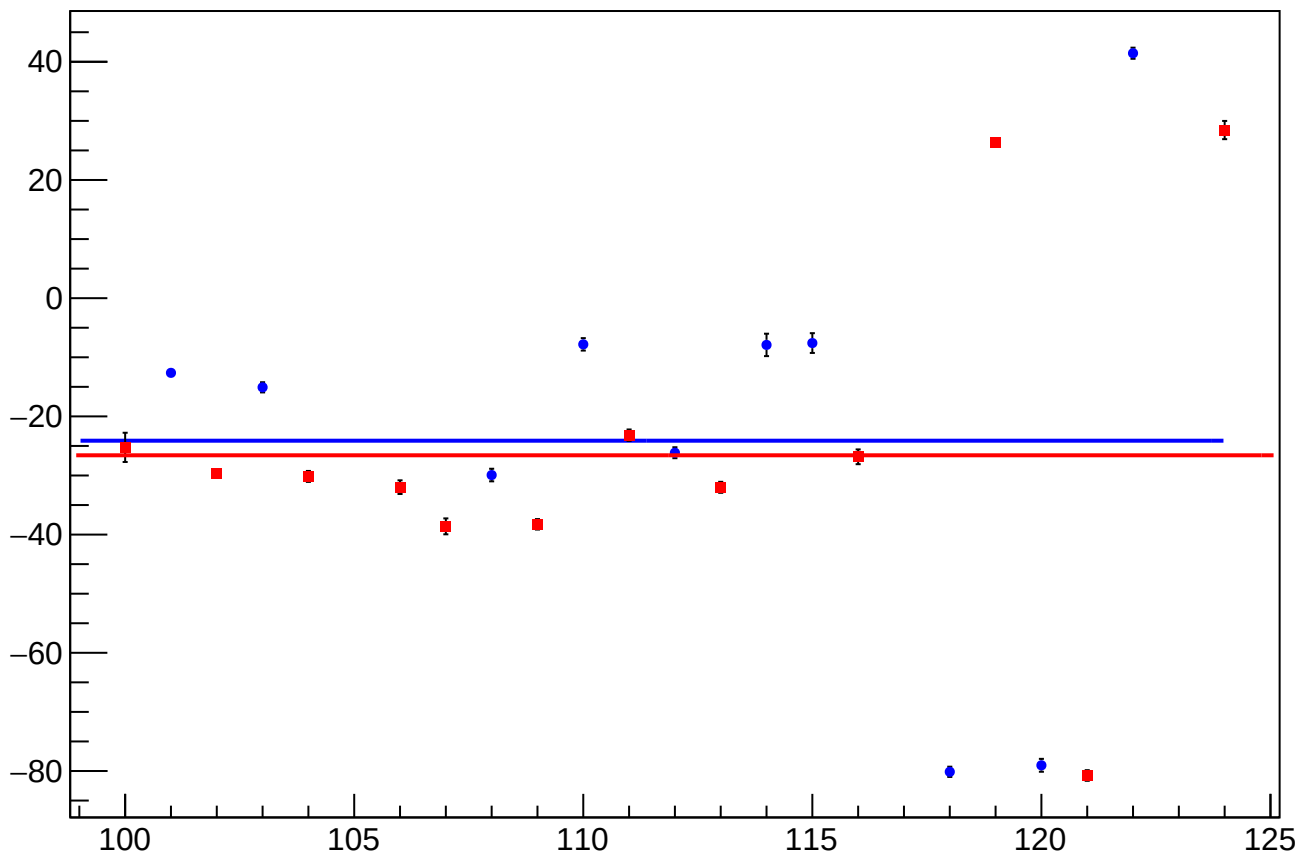
Right: 952.766+/-0.228 χ^2/NDF : 183480.8/21

In: 957.487+/-0.336 χ^2/NDF : 87138.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 952.766+/-0.228 χ^2/NDF : 183480.8/21

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -24.114 ± 0.321 χ^2/NDF : 12336.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.582 ± 0.297 χ^2/NDF : 9502.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

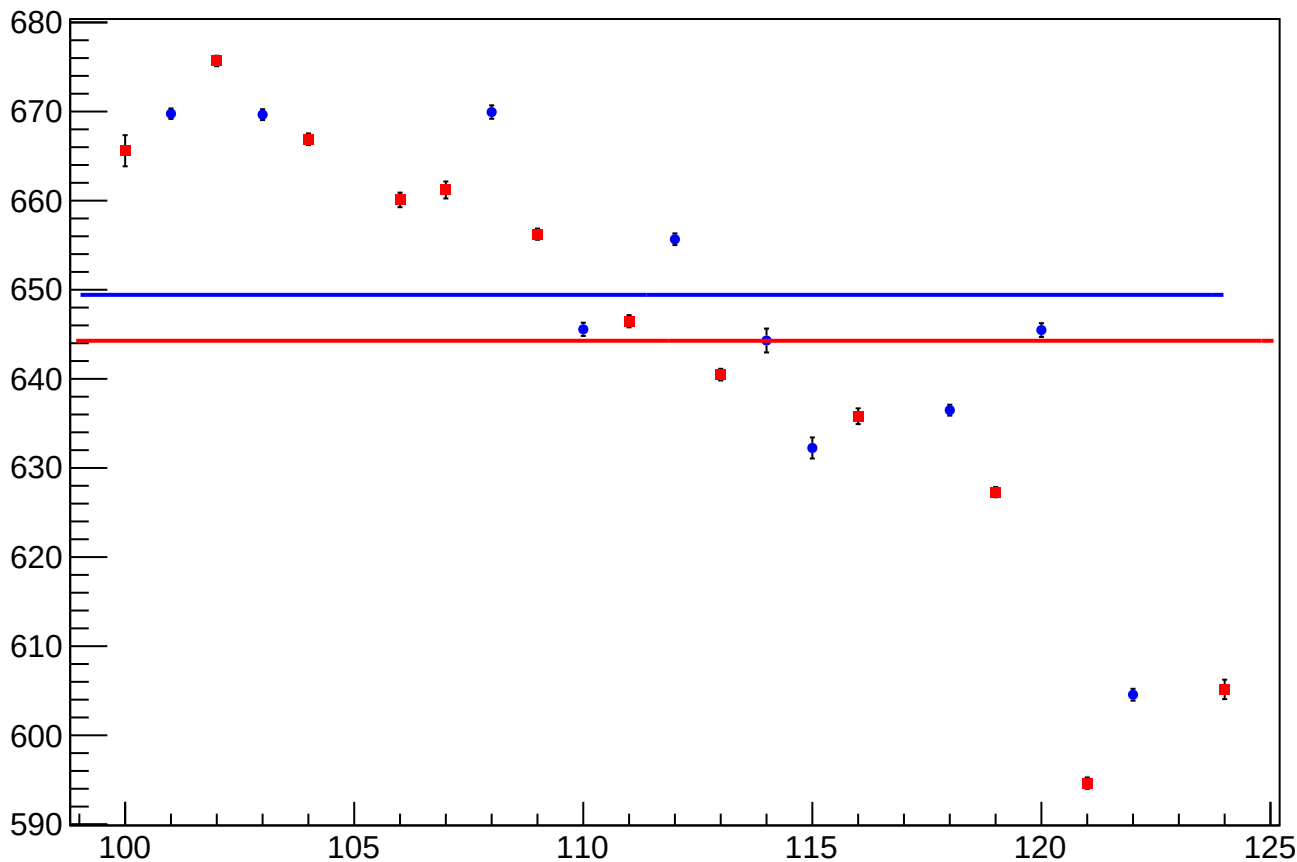
Right: -25.445 ± 0.218 χ^2/NDF : 21870.7/21

In: -24.114 ± 0.321 χ^2/NDF : 12336.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.445 ± 0.218 χ^2/NDF : 21870.7/21

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 649.428+/-0.227 χ^2/NDF : 8432.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 644.275+/-0.210 χ^2/NDF : 13586.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

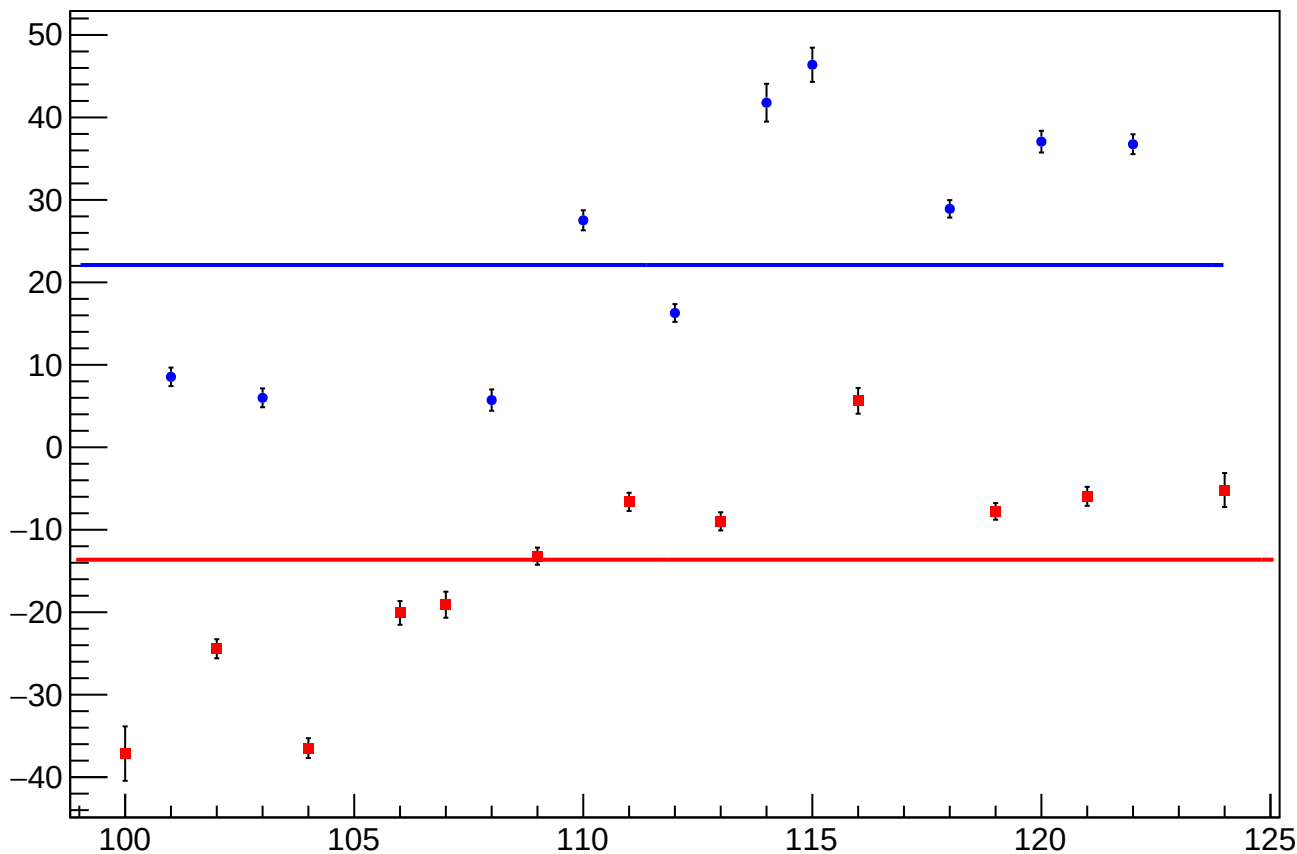
Right: 646.648+/-0.154 χ^2/NDF : 22297.2/21

In: 649.428+/-0.227 χ^2/NDF :8432.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 646.648+/-0.154 χ^2/NDF : 22297.2/21

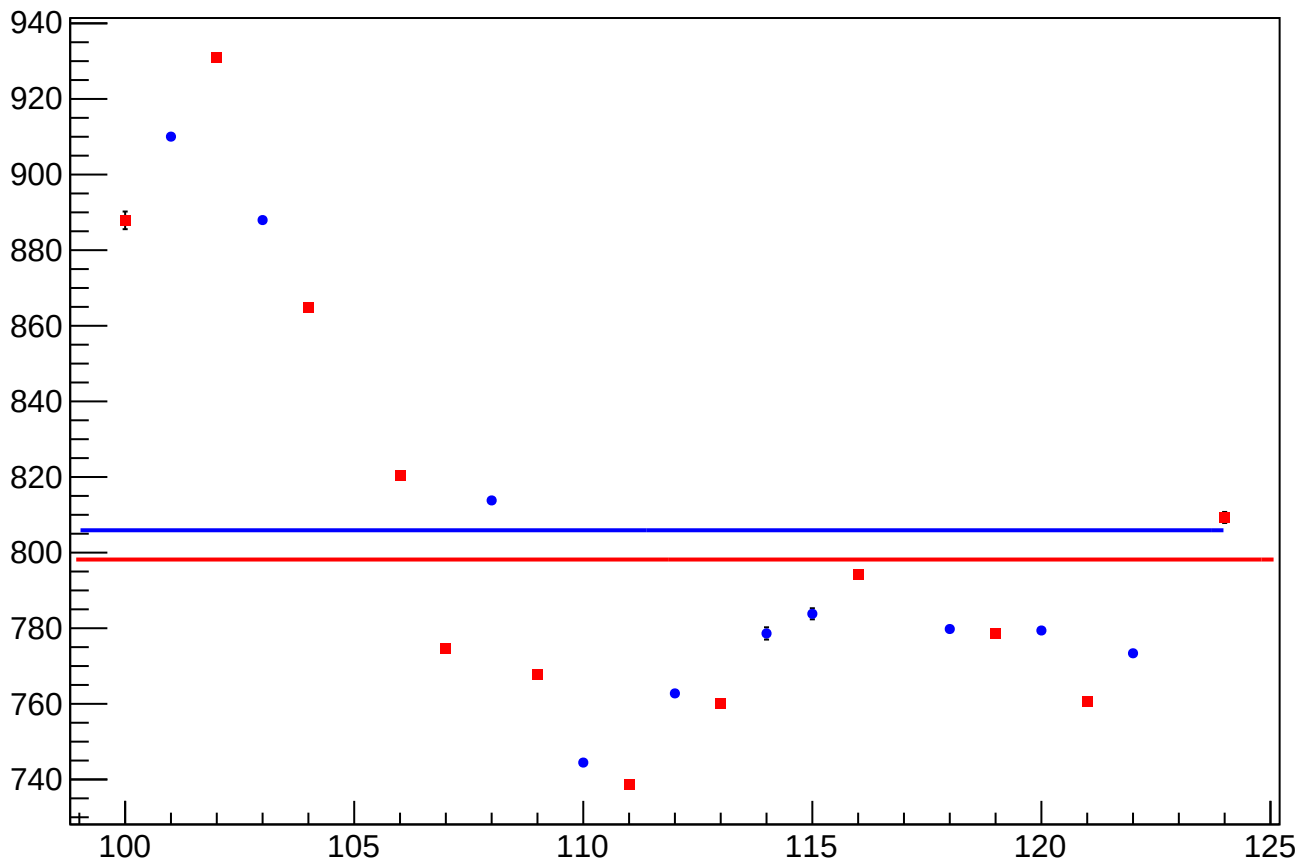
diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 22.104+/-0.399 χ^2/NDF : 1083.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -13.630+/-0.368 χ^2/NDF : 837.6/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.798+/-0.271 χ^2/NDF : 6249.3/21
 In: 22.104+/-0.399 χ^2/NDF : 1083.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.798+/-0.271 χ^2/NDF : 6249.3/21

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 805.912 $\pm$ 0.282 χ^2 /NDF: 39918.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 798.172 $\pm$ 0.260 χ^2 /NDF: 47826.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

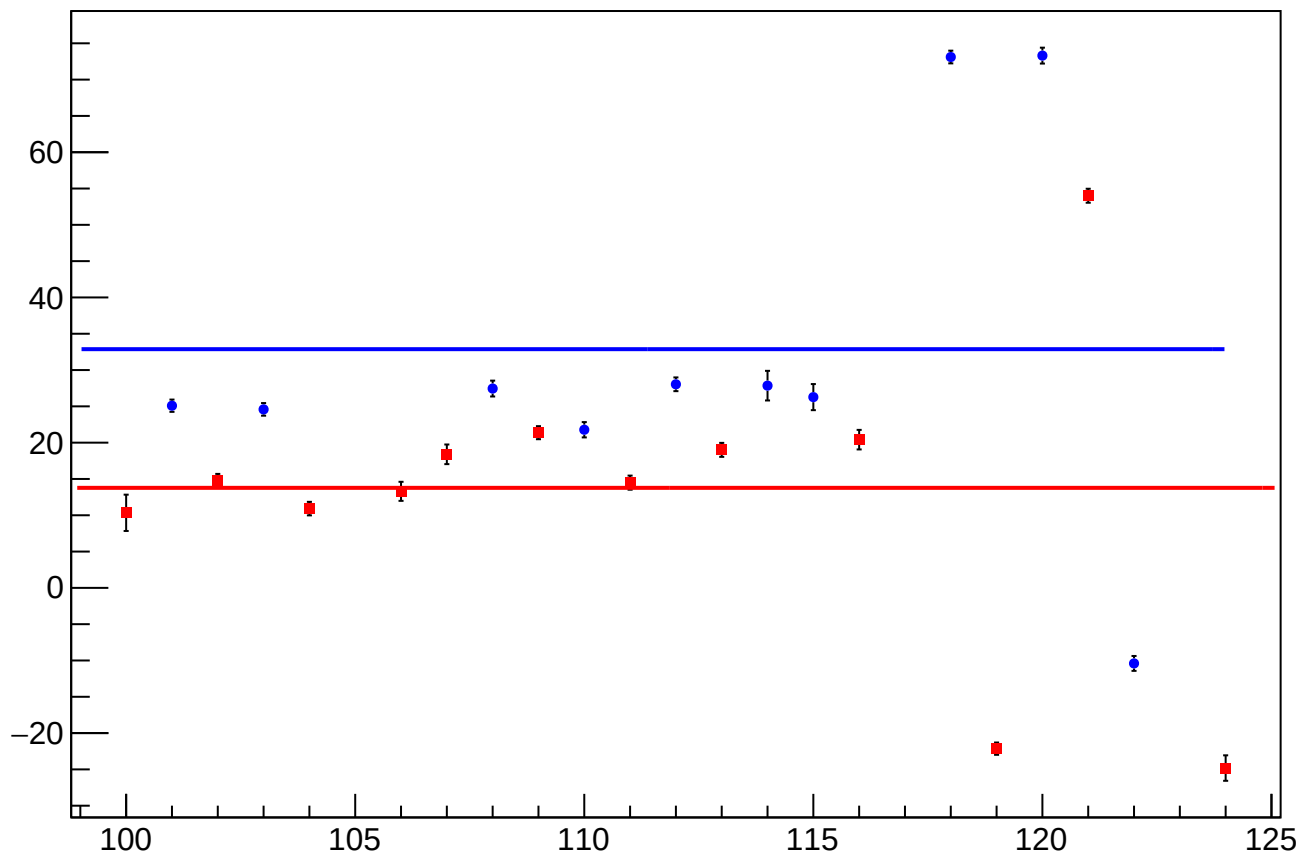
Right: 801.731 $\pm$ 0.191 χ^2 /NDF: 88150.4/21

In: 805.912 $\pm$ 0.282 χ^2 /NDF:39918.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 801.731 $\pm$ 0.191 χ^2 /NDF: 88150.4/21

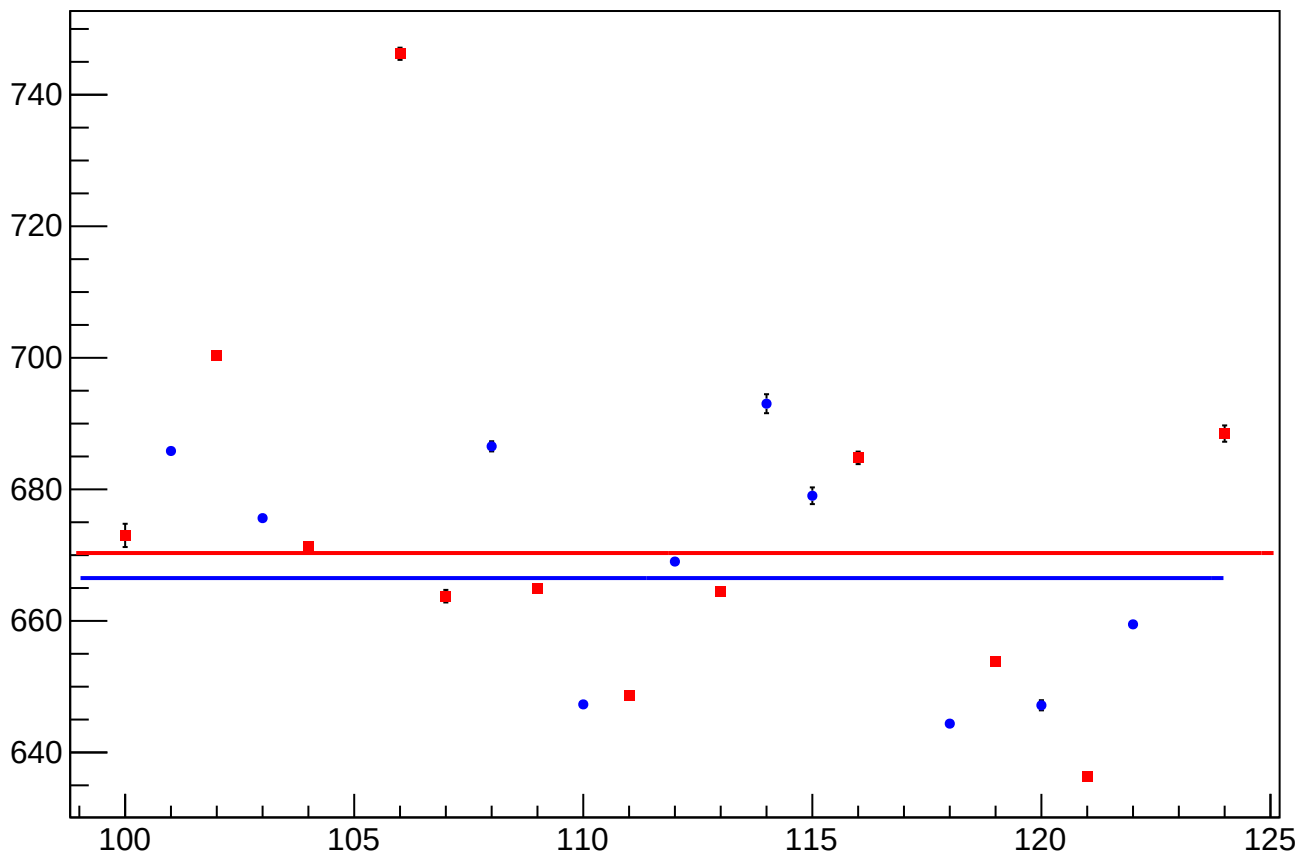
diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.875+/-0.329 χ^2 /NDF: 5612.0/9
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 13.777+/-0.309 χ^2 /NDF: 4177.3/11
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 22.708+/-0.225 χ^2 /NDF: 11578.7/21
 In: 32.875+/-0.329 χ^2 /NDF:5612.0/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 22.708+/-0.225 χ^2 /NDF: 11578.7/21

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 666.512 $\pm$ 0.233 χ^2 /NDF: 5042.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 670.319 $\pm$ 0.218 χ^2 /NDF: 13970.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

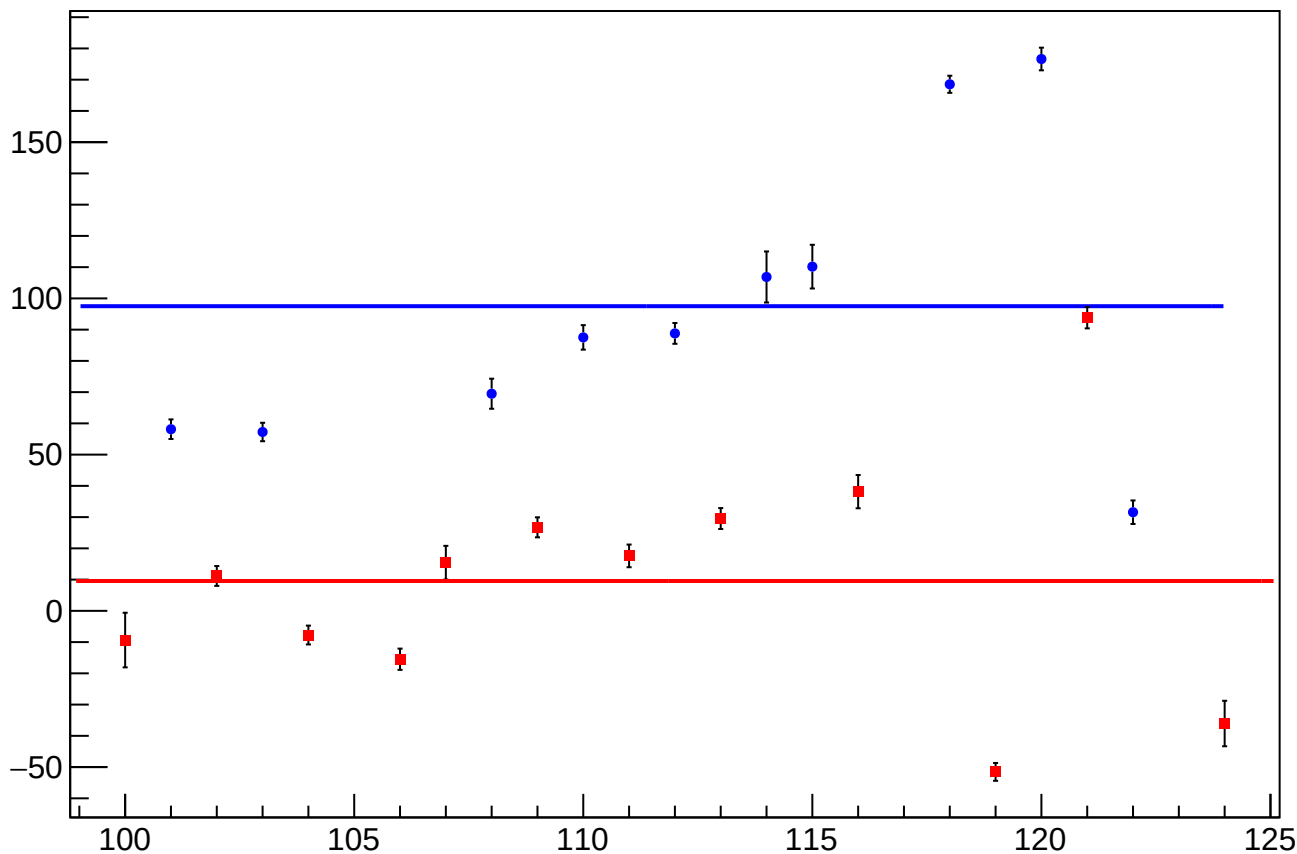
Right: 668.539 $\pm$ 0.159 χ^2 /NDF: 19155.3/21

In: 666.512 $\pm$ 0.233 χ^2 /NDF:5042.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 668.539 $\pm$ 0.159 χ^2 /NDF: 19155.3/21

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 97.506+/-1.170 χ^2/NDF : 1852.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.556+/-1.073 χ^2/NDF : 1299.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

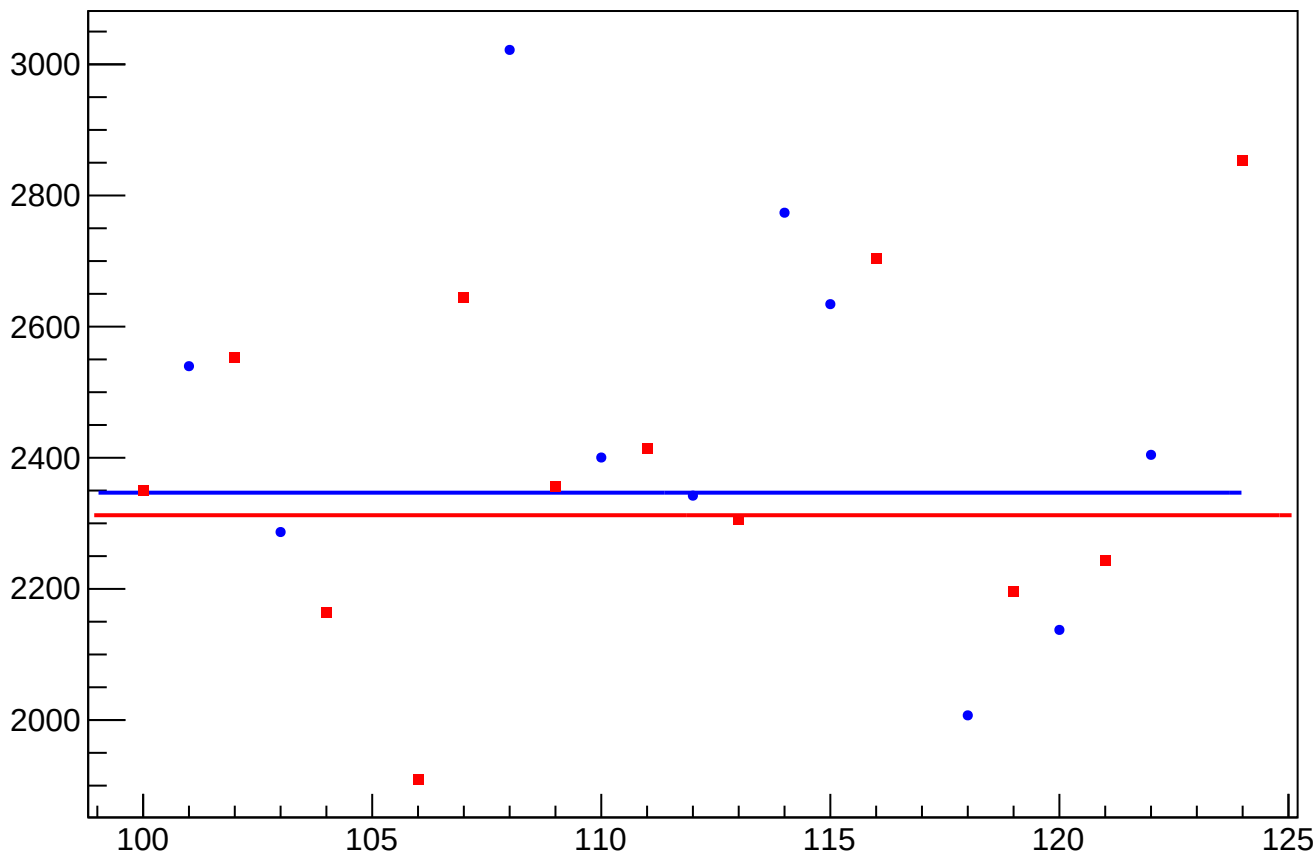
Right: 49.724+/-0.791 χ^2/NDF : 6221.0/21

In: 97.506+/-1.170 χ^2/NDF : 1852.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.724+/-0.791 χ^2/NDF : 6221.0/21

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2346.776 $\pm$ 0.827 χ^2 /NDF: 94962.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2312.382 $\pm$ 0.759 χ^2 /NDF: 80095.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

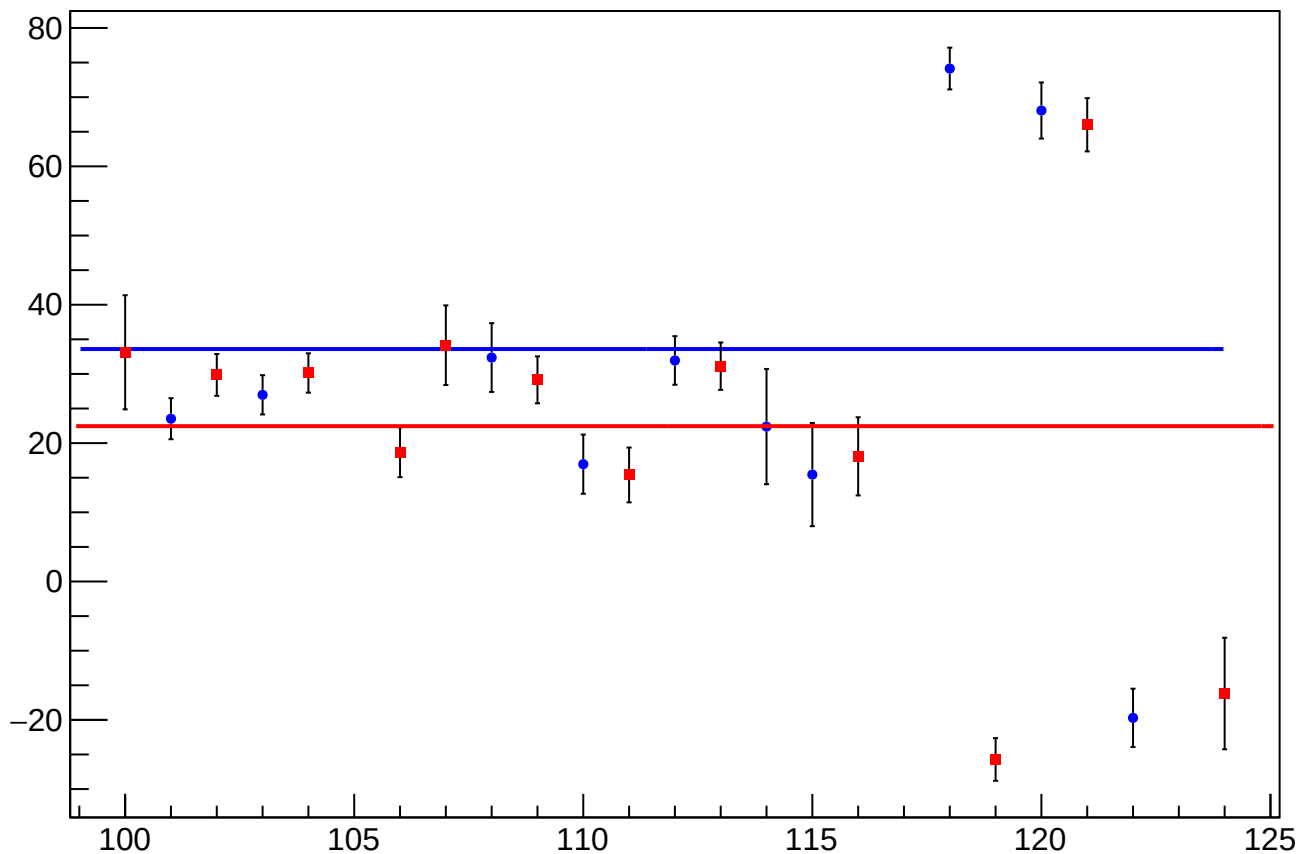
Right: 2328.090 $\pm$ 0.559 χ^2 /NDF: 175996.6/21

In: 2346.776 $\pm$ 0.827 χ^2 /NDF: 94962.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2328.090 $\pm$ 0.559 χ^2 /NDF: 175996.6/21

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 33.597+/-1.219 χ^2/NDF : 452.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.451+/-1.110 χ^2/NDF : 429.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

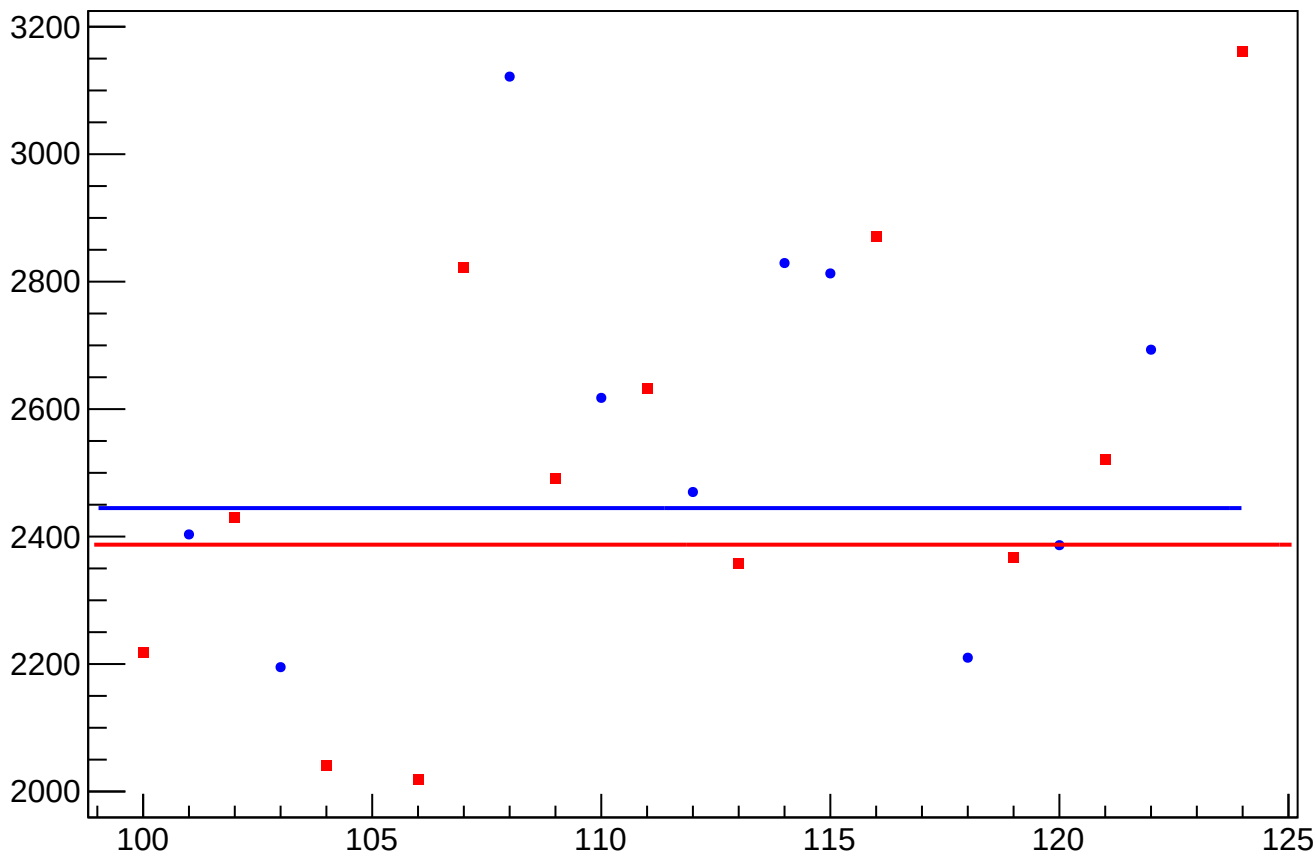
Right: 27.507+/-0.821 χ^2/NDF : 927.6/21

In: 33.597+/-1.219 χ^2/NDF : 452.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.507+/-0.821 χ^2/NDF : 927.6/21

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2444.695 $\pm$ 0.862 χ^2 /NDF: 84928.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2387.294 $\pm$ 0.785 χ^2 /NDF: 108510.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

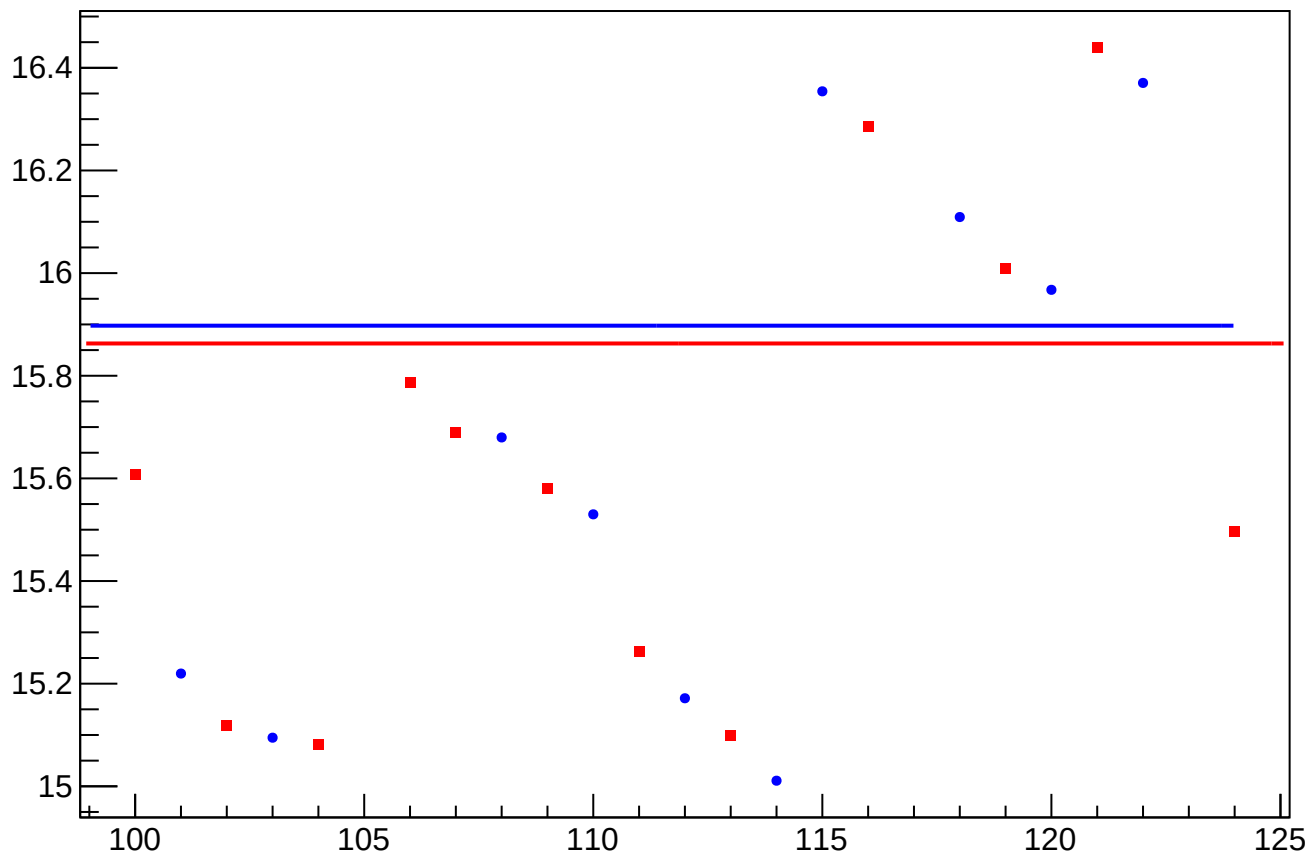
Right: 2413.333 $\pm$ 0.580 χ^2 /NDF: 195863.0/21

In: 2444.695 $\pm$ 0.862 χ^2 /NDF: 84928.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2413.333 $\pm$ 0.580 χ^2 /NDF: 195863.0/21

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.898+/-0.000 χ^2/NDF : 2251667847.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.863+/-0.000 χ^2/NDF : 2703229686.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

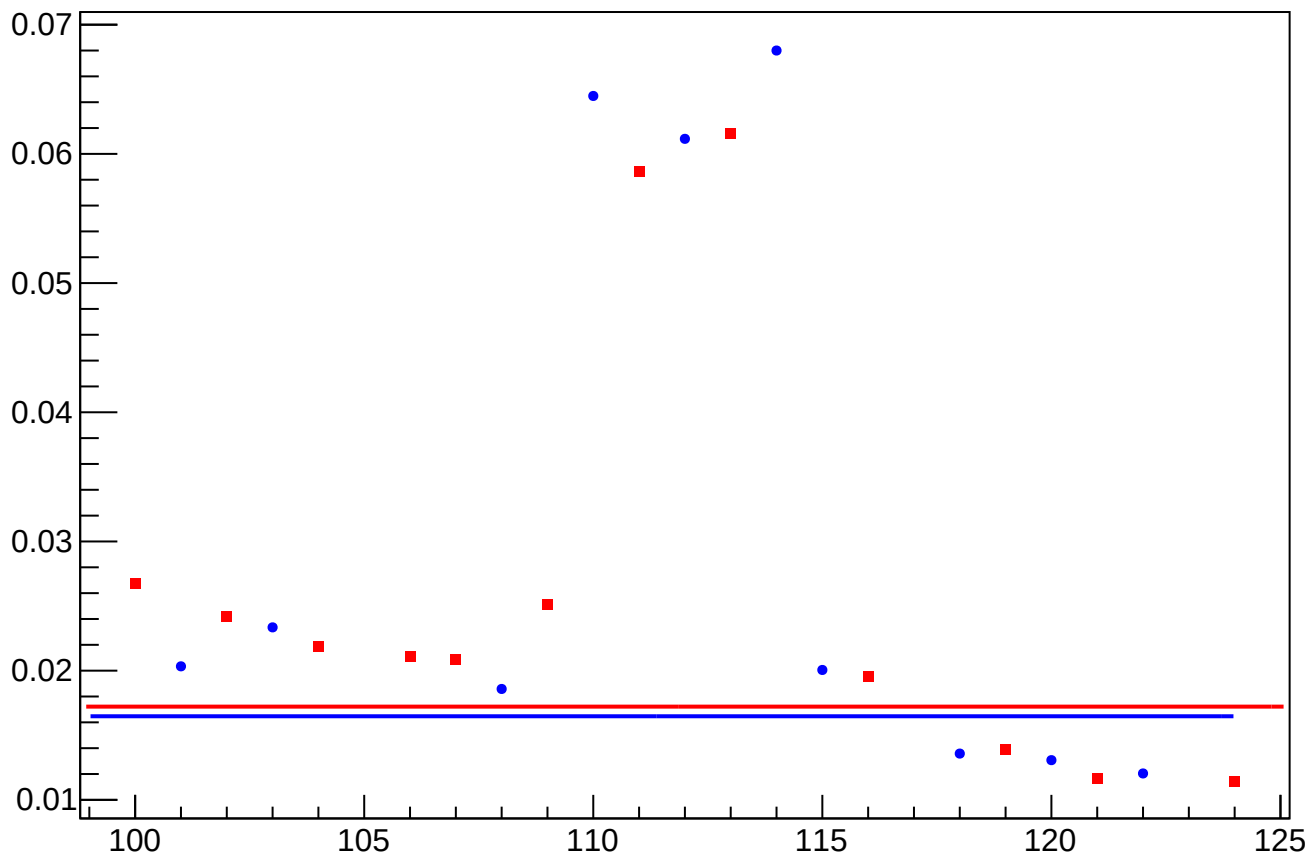
Right: 15.880+/-0.000 χ^2/NDF : 4961857630.4/21

In: 15.898+/-0.000 χ^2/NDF : 2251667847.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.880+/-0.000 χ^2/NDF : 4961857630.4/21

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1341130.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 1475259.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

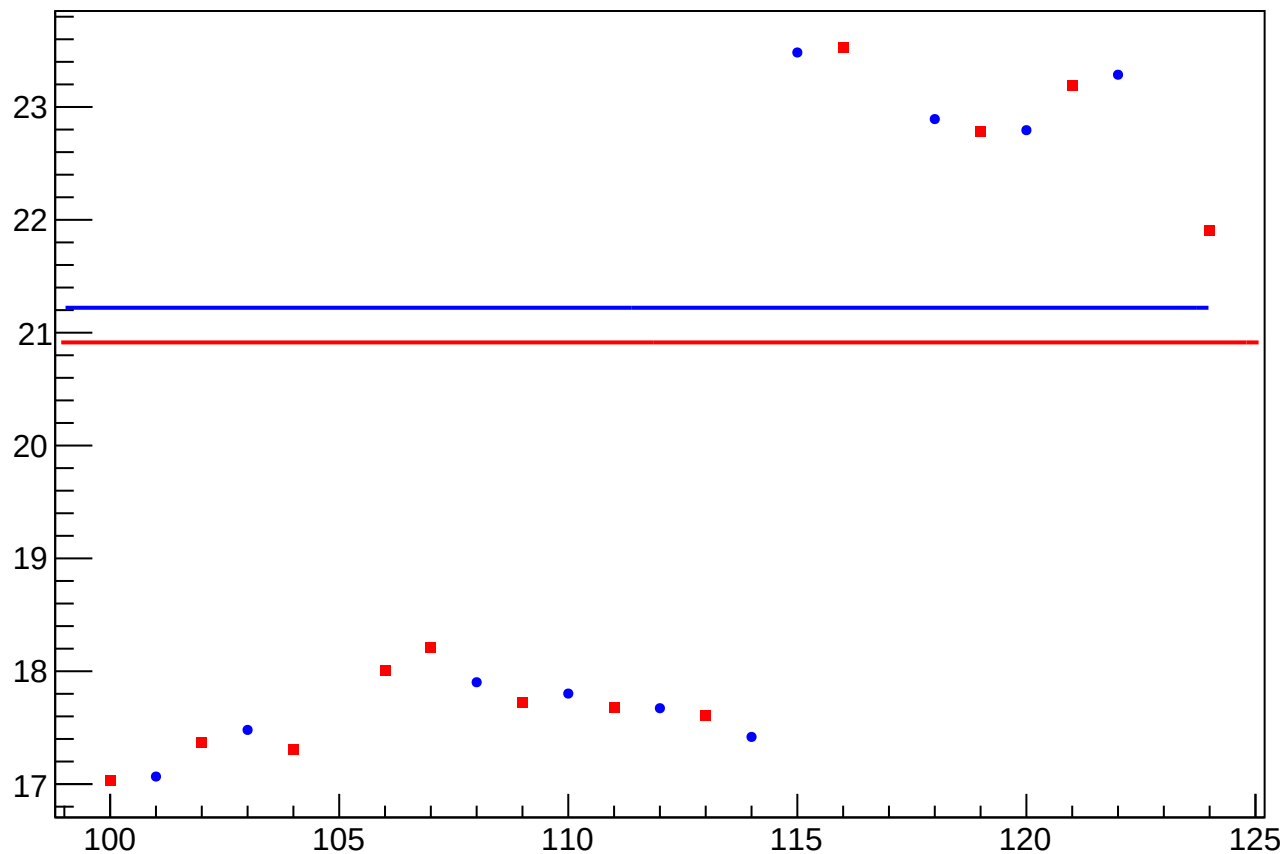
Right: 0.017+/-0.000 χ^2/NDF : 2822834.2/21

In: 0.016+/-0.000 χ^2/NDF : 1341130.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 2822834.2/21

yield_sam2_mean vs Slug, Sign Corrected



Right In: 21.221+/-0.000 χ^2/NDF : 802122507.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.914+/-0.000 χ^2/NDF : 790193912.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

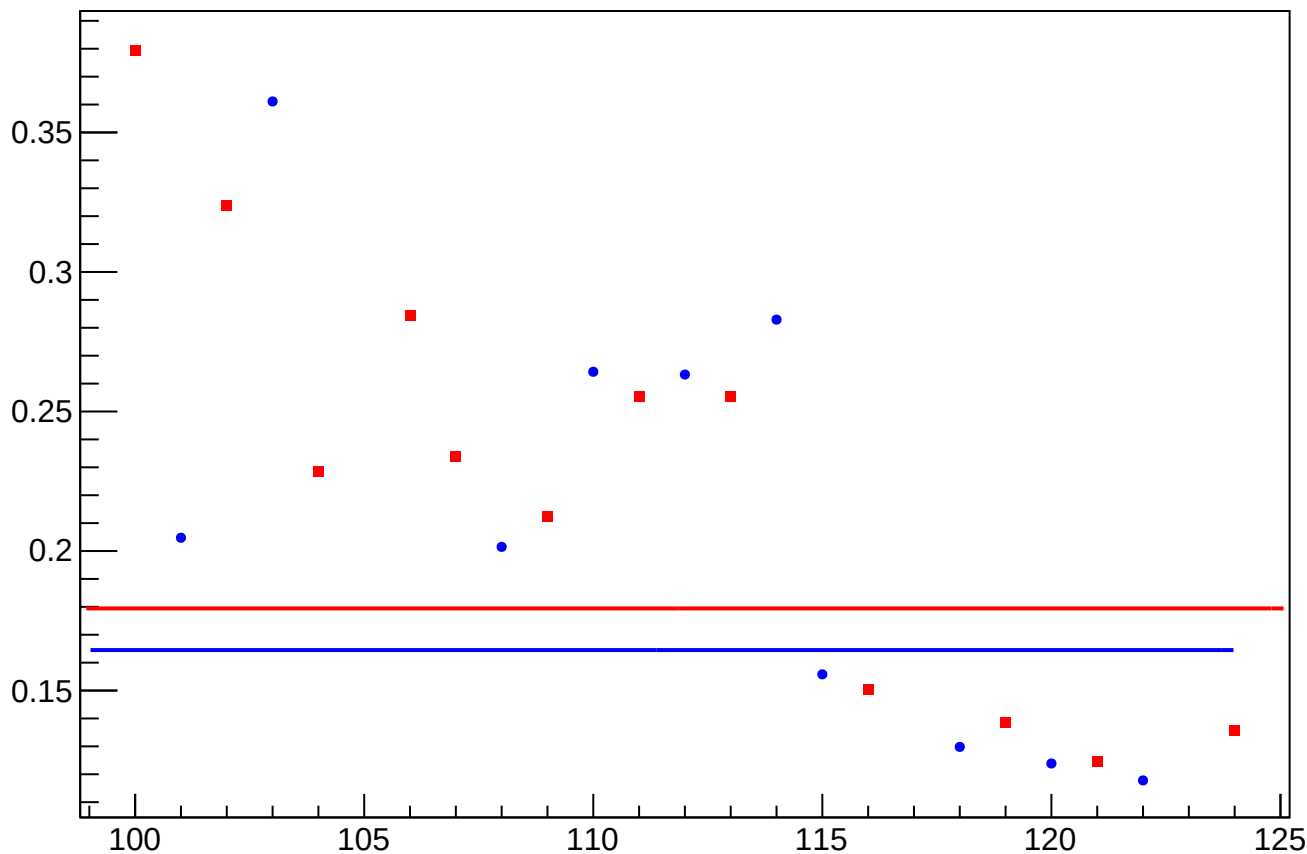
Right: 21.069+/-0.000 χ^2/NDF : 1597807010.0/21

In: 21.221+/-0.000 χ^2/NDF : 802122507.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.069+/-0.000 χ^2/NDF : 1597807010.0/21

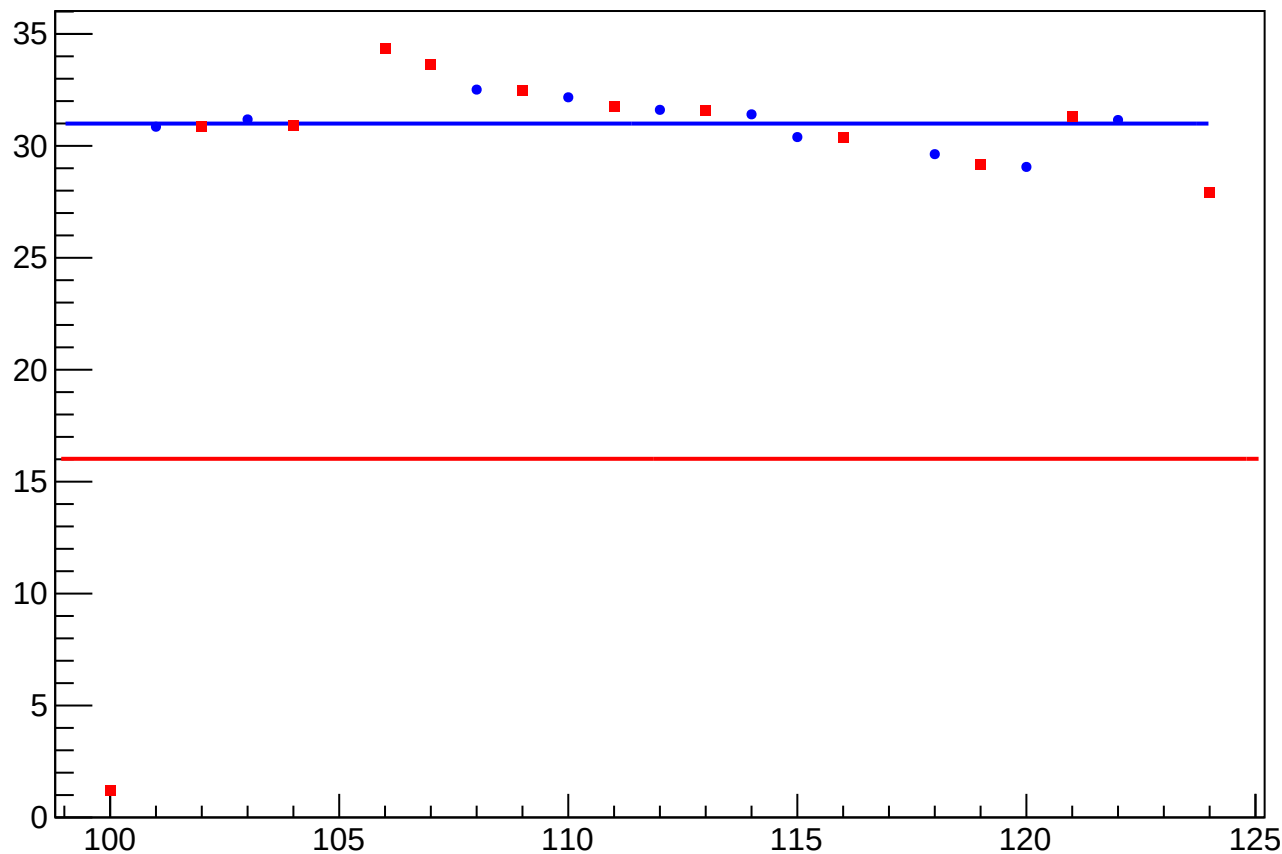
yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.165+/-0.000 χ^2/NDF : 922277.6/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.179+/-0.000 χ^2/NDF : 866942.8/11
 Left 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 : 1815156.8/21
 In: 0.165+/-0.000 χ^2/NDF : 922277.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.172+/-0.000 χ^2/NDF : 1815156.8/21

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.996+/-0.000 χ^2/NDF : 347181939.7/9

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 20.561+/-0.000 χ^2/NDF : 227215606368.0/21

Right Out: 16.021+/-0.000 χ^2/NDF : 174482385454.5/11

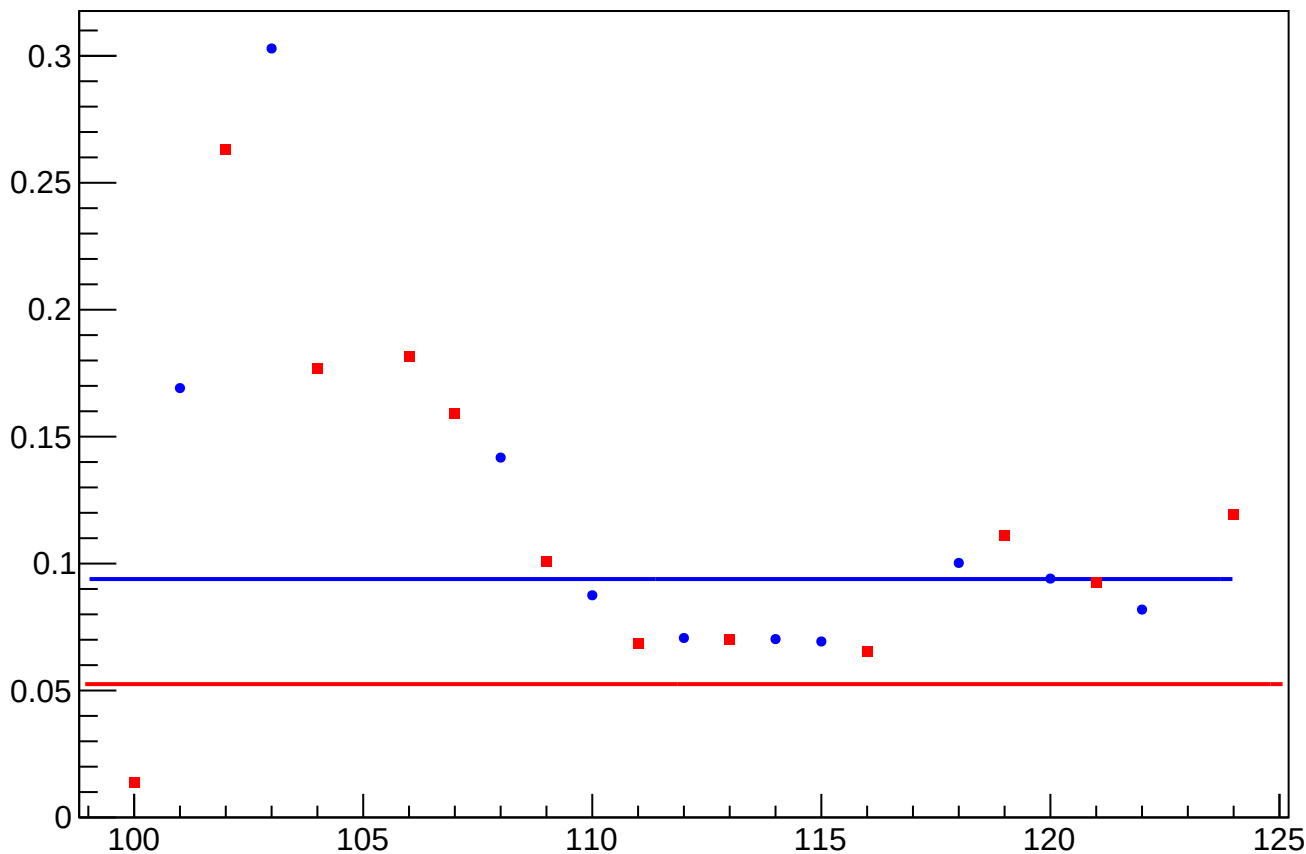
In: 30.996+/-0.000 χ^2/NDF : 347181939.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.561+/-0.000 χ^2/NDF : 227215606368.0

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.094+/-0.000 χ^2/NDF : 1000091.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.053+/-0.000 χ^2/NDF : 3518043.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

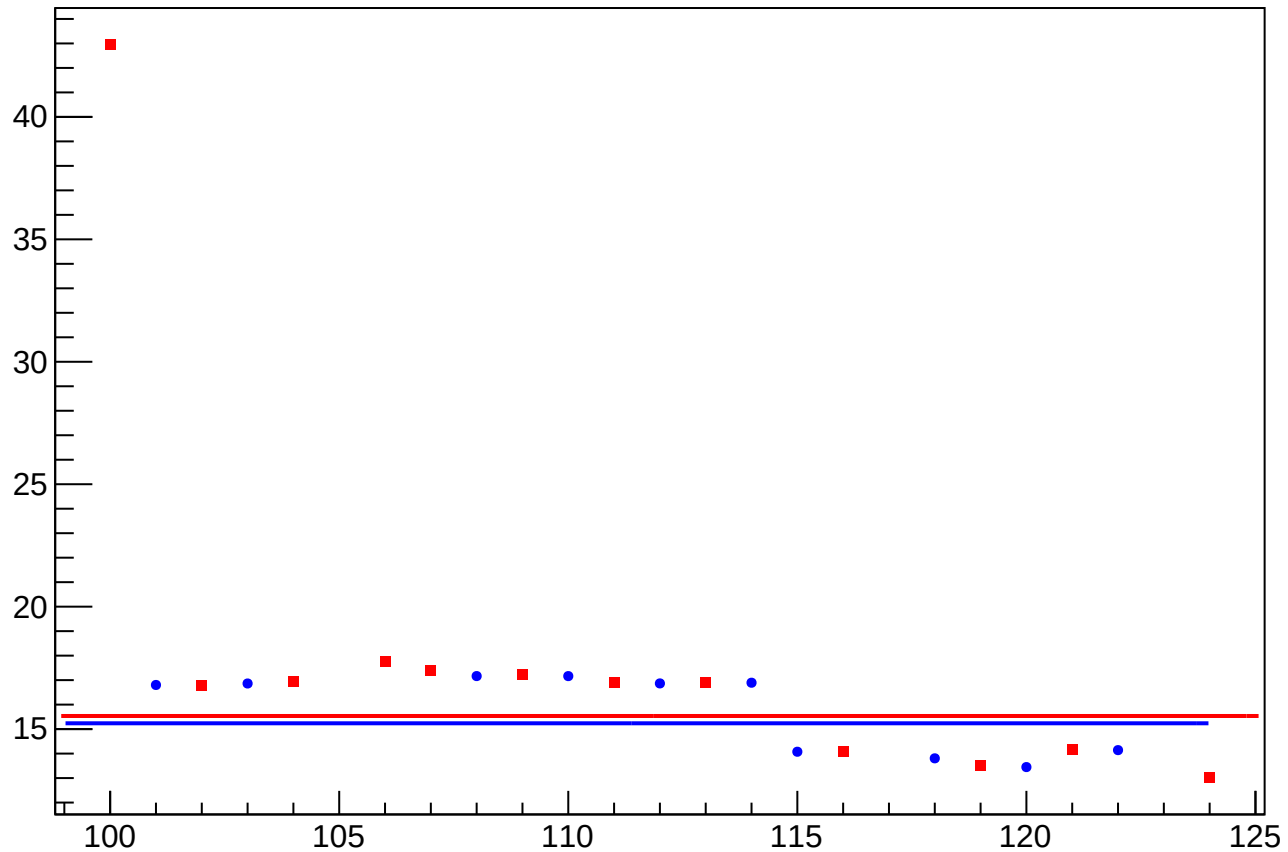
Right: 0.065+/-0.000 χ^2/NDF : 5318332.0/21

In: 0.094+/-0.000 χ^2/NDF :1000091.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.065+/-0.000 χ^2/NDF : 5318332.0/21

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.237+/-0.000 χ^2/NDF : 939267171.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.535+/-0.000 χ^2/NDF : 1372838307.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

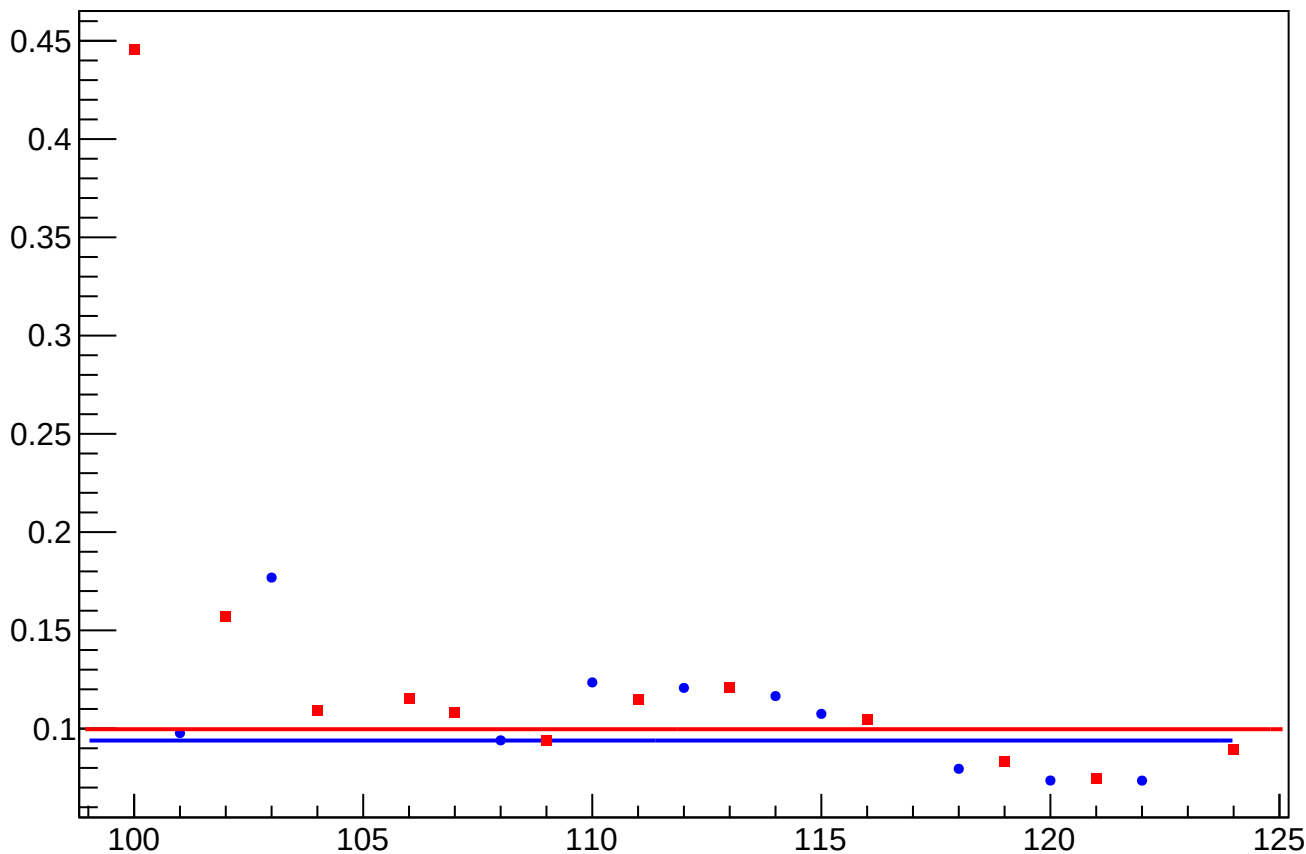
Right: 15.388+/-0.000 χ^2/NDF : 2329290982.5/21

In: 15.237+/-0.000 χ^2/NDF : 939267171.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.388+/-0.000 χ^2/NDF : 2329290982.5/21

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.094+/-0.000 χ^2/NDF : 486556.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.100+/-0.000 χ^2/NDF : 437722.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

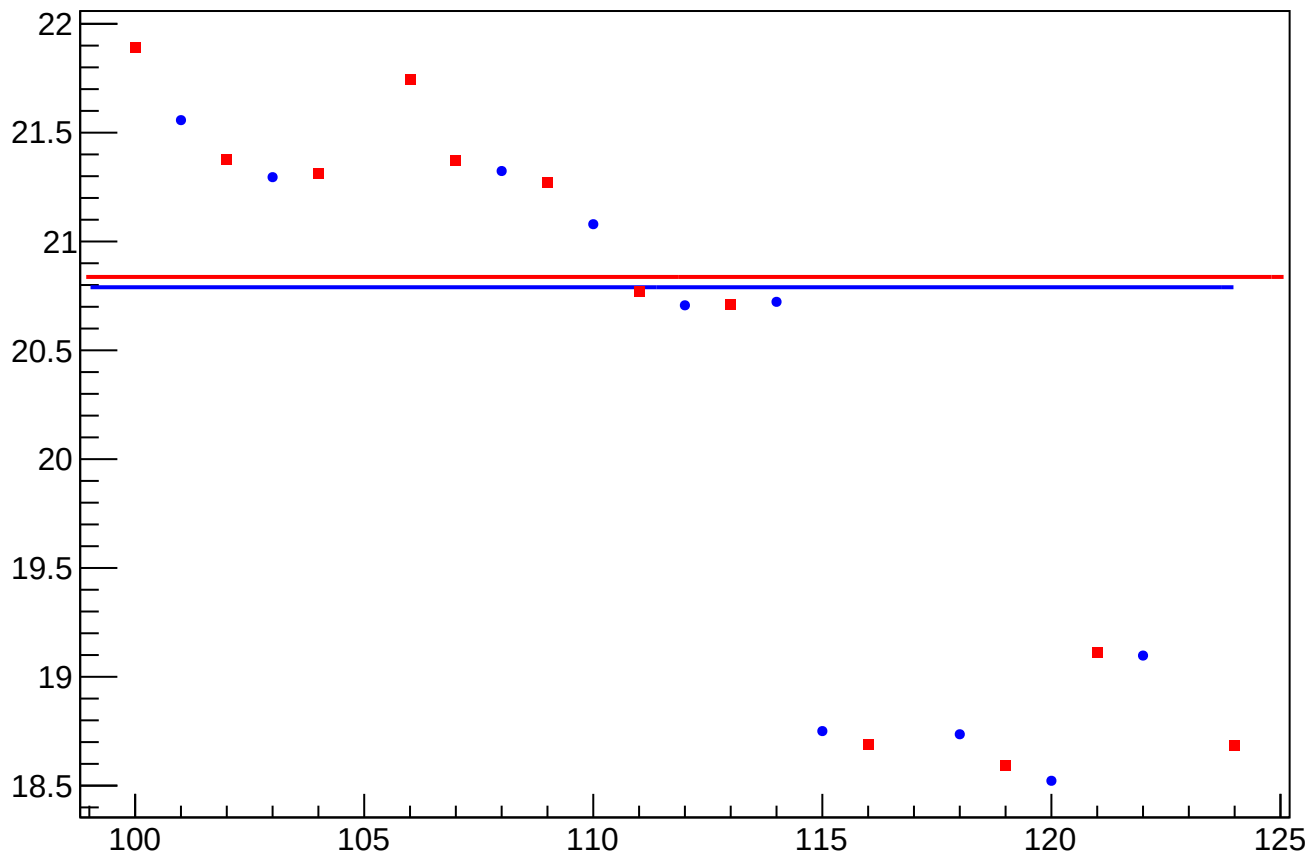
Right: 0.097+/-0.000 χ^2/NDF : 937096.9/21

In: 0.094+/-0.000 χ^2/NDF : 486556.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.097+/-0.000 χ^2/NDF : 937096.9/21

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.790+/-0.000 χ^2/NDF : 4680582525.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.837+/-0.000 χ^2/NDF : 4732579061.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

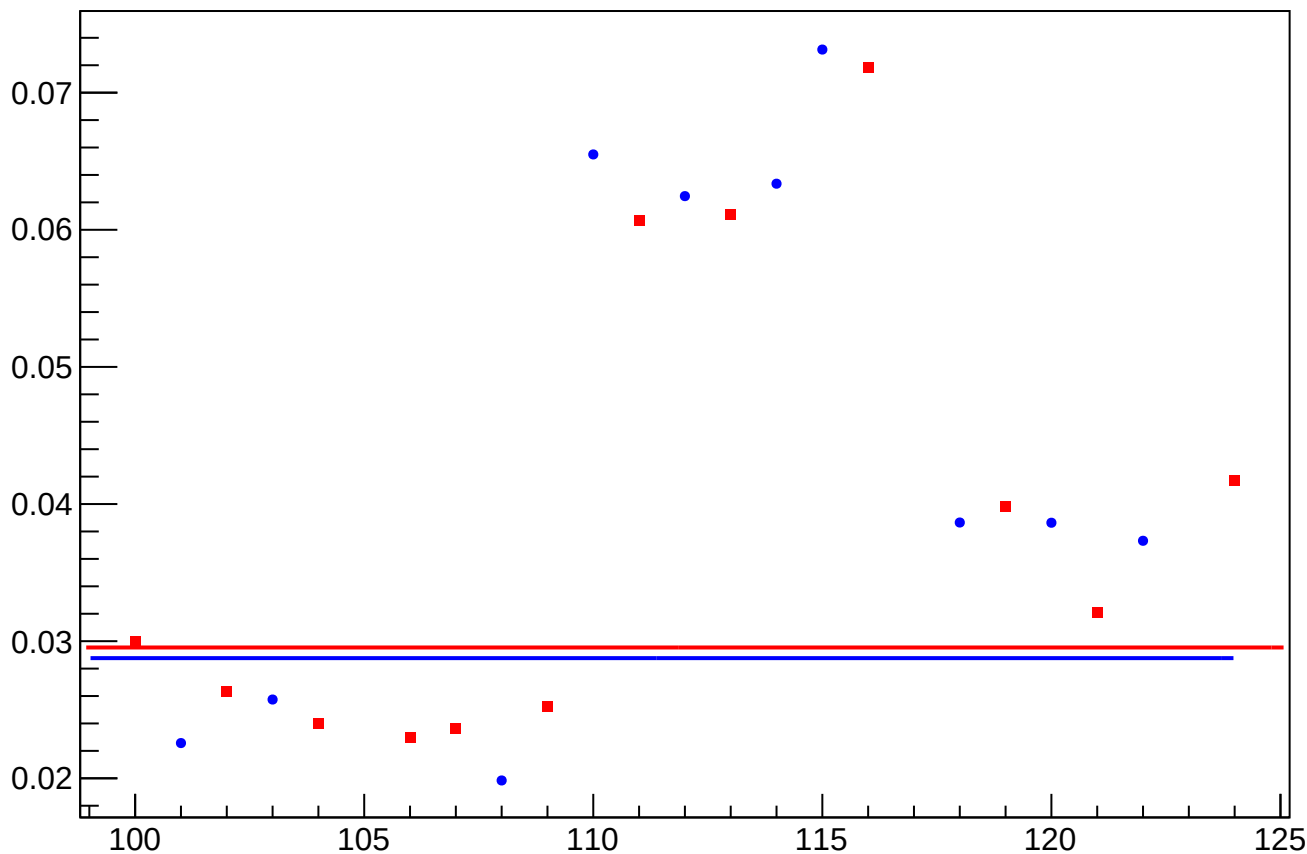
Right: 20.815+/-0.000 χ^2/NDF : 9417772080.8/21

In: 20.790+/-0.000 χ^2/NDF :4680582525.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.815+/-0.000 χ^2/NDF : 9417772080.8/21

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 1032471.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.030+/-0.000 χ^2/NDF : 896753.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

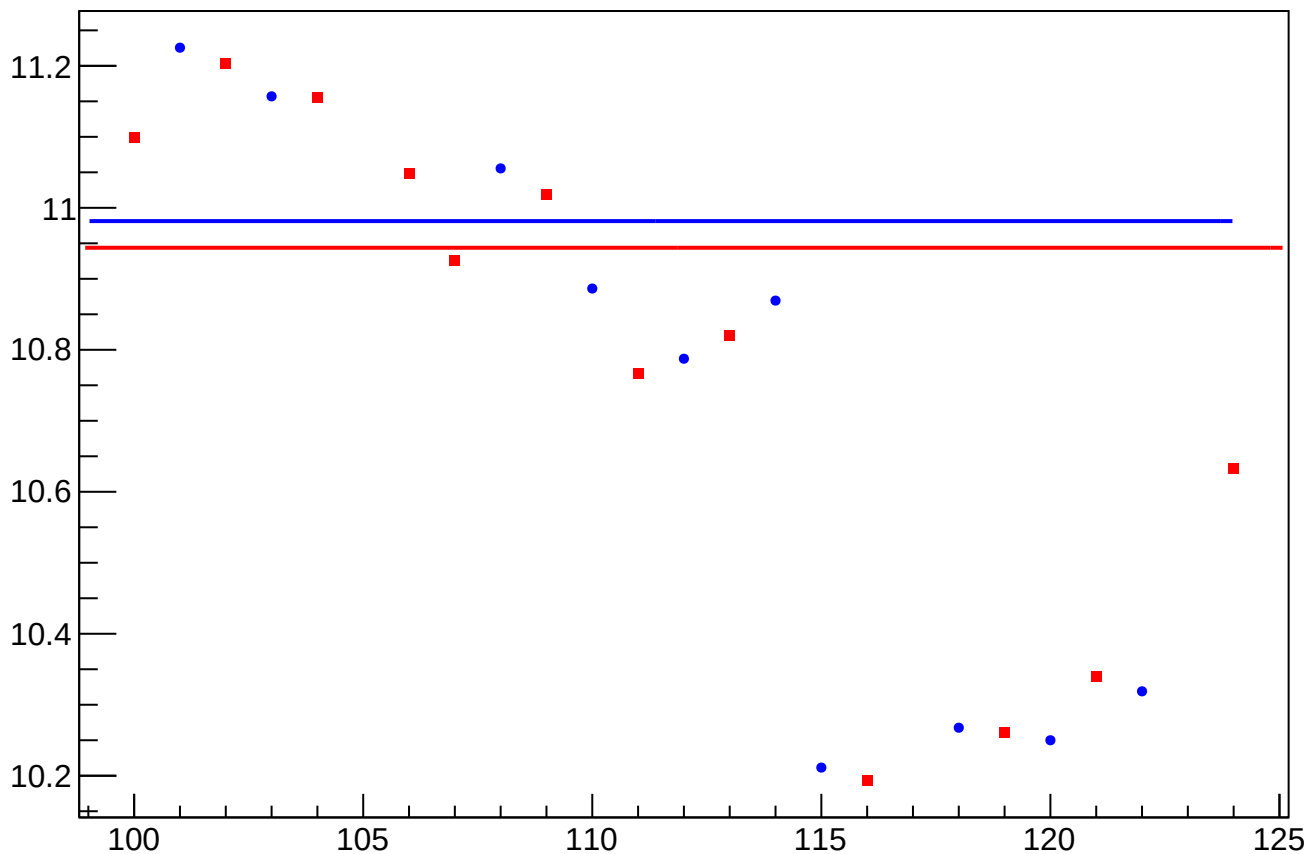
Right: 0.029+/-0.000 χ^2/NDF : 1931704.8/21

In: 0.029+/-0.000 χ^2/NDF :1032471.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.029+/-0.000 χ^2/NDF : 1931704.8/21

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.981+/-0.000 χ^2/NDF : 2190672901.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.944+/-0.000 χ^2/NDF : 1722047012.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

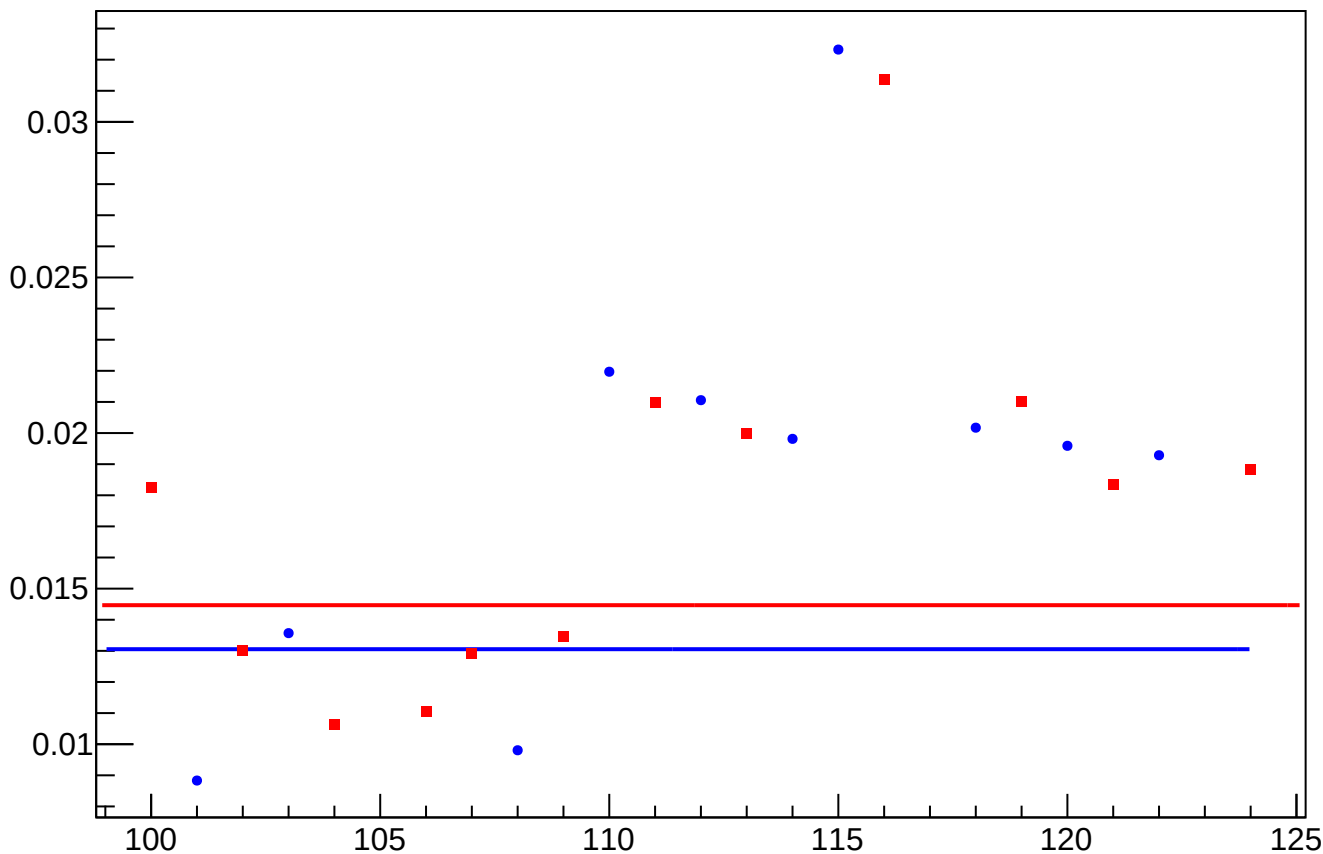
Right: 10.963+/-0.000 χ^2/NDF : 3925960199.5/21

In: 10.981+/-0.000 χ^2/NDF : 2190672901.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.963+/-0.000 χ^2/NDF : 3925960199.5/21

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 969977.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 657178.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

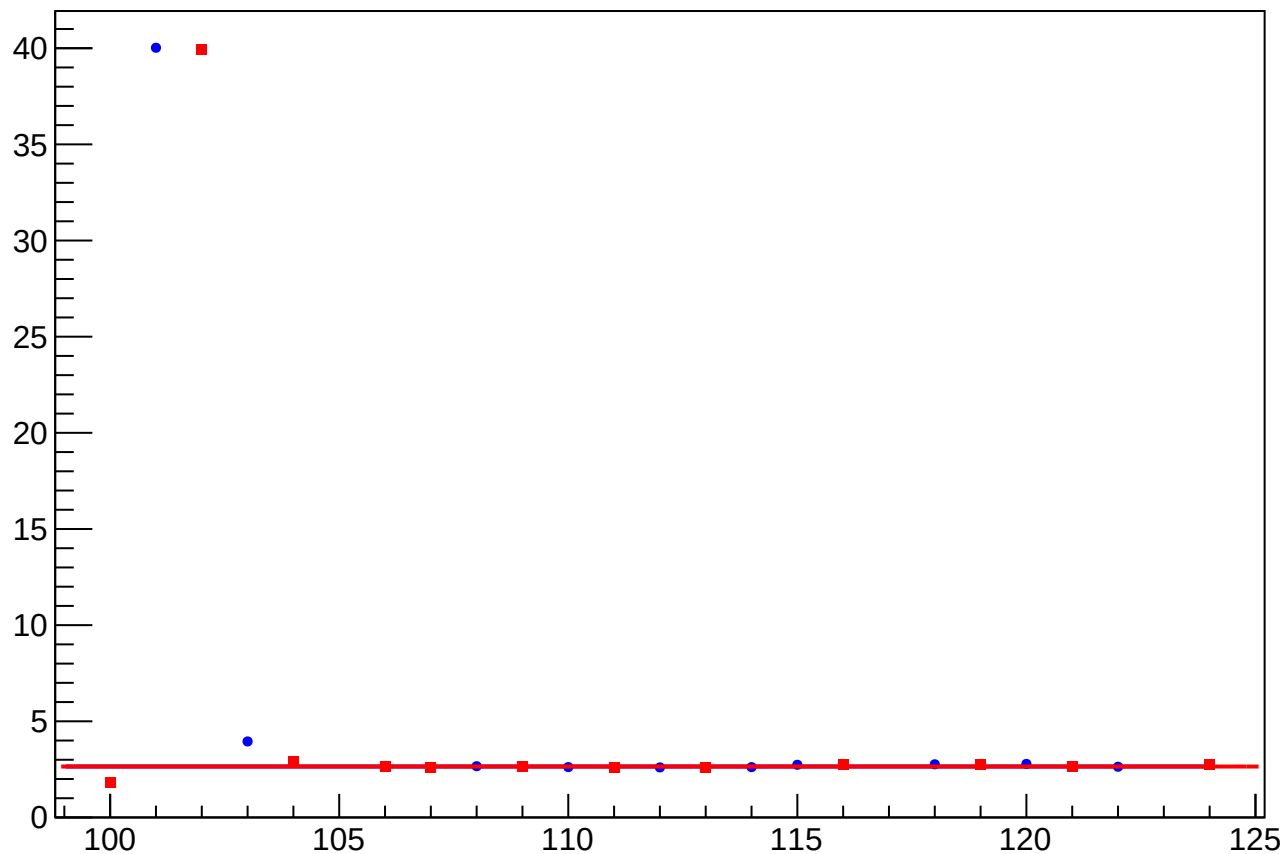
Right: 0.014+/-0.000 χ^2/NDF : 1664748.9/21

In: 0.013+/-0.000 χ^2/NDF : 969977.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1664748.9/21

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.651+/-0.000 χ^2/NDF : 64528281071.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.648+/-0.000 χ^2/NDF : 63132946968.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

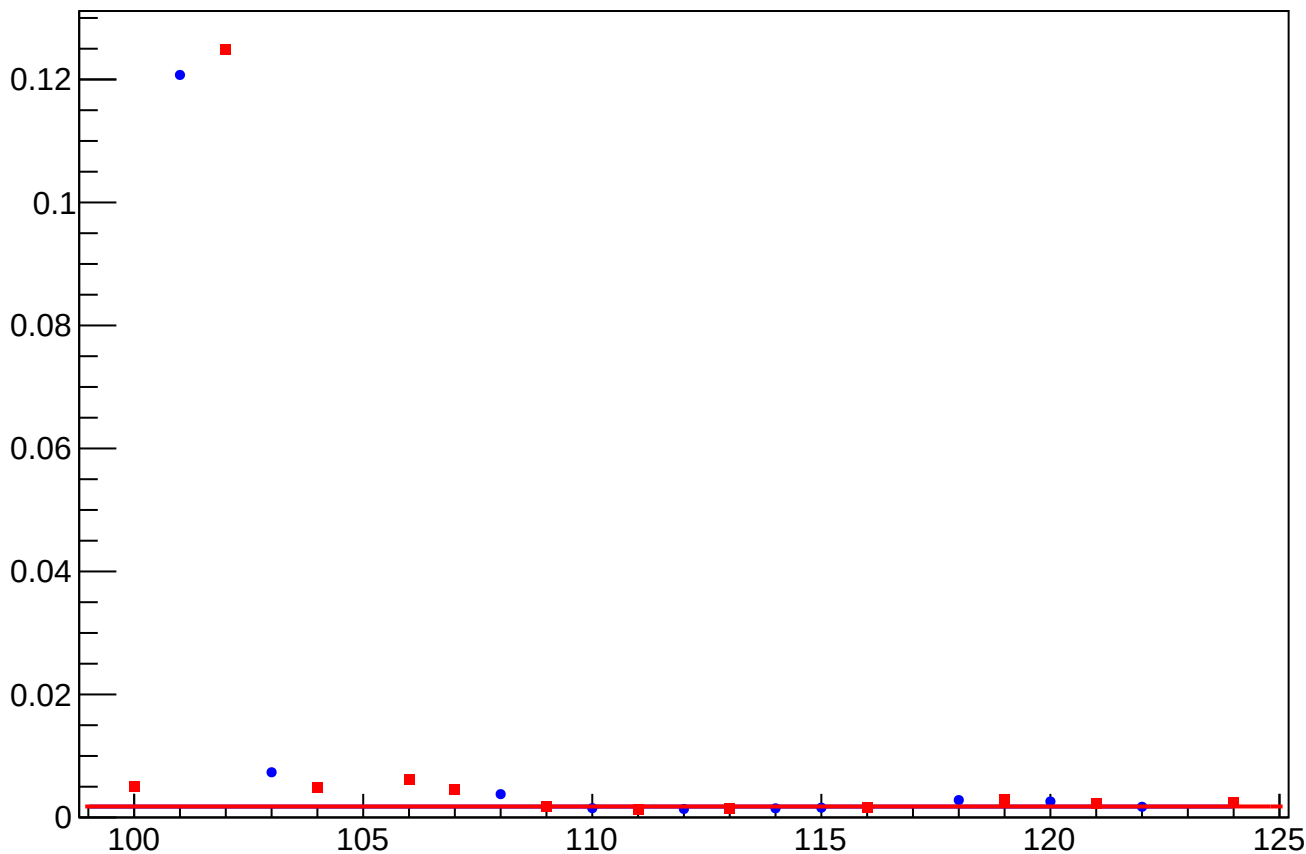
Right: 2.649+/-0.000 χ^2/NDF : 127664608253.0/21

In: 2.651+/-0.000 χ^2/NDF : 64528281071.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.649+/-0.000 χ^2/NDF : 127664608253.0

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1760776.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2353610.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

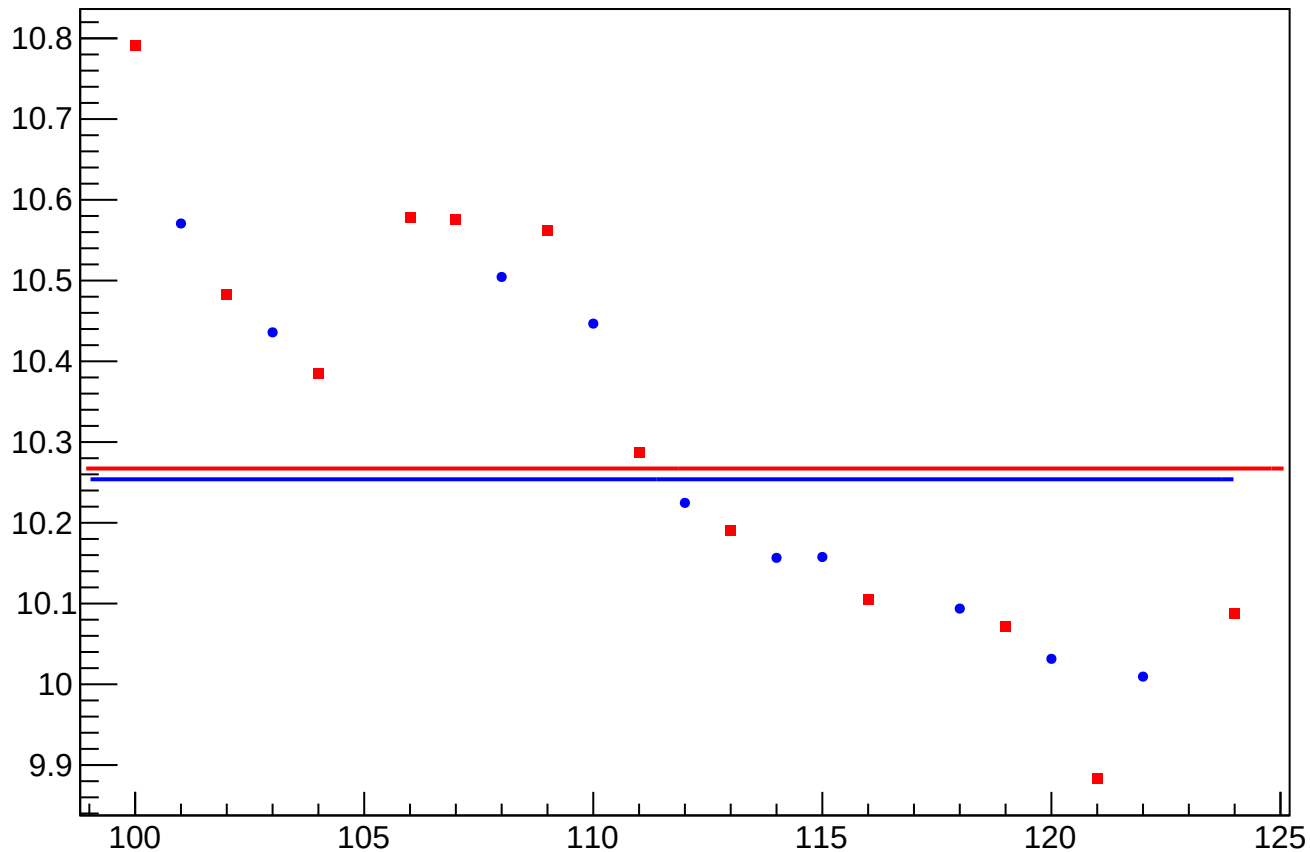
Right: 0.002+/-0.000 χ^2/NDF : 4114781.8/21

In: 0.002+/-0.000 χ^2/NDF :1760776.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4114781.8/21

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.254+/-0.000 χ^2/NDF : 3012064298.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.267+/-0.000 χ^2/NDF : 4333955439.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

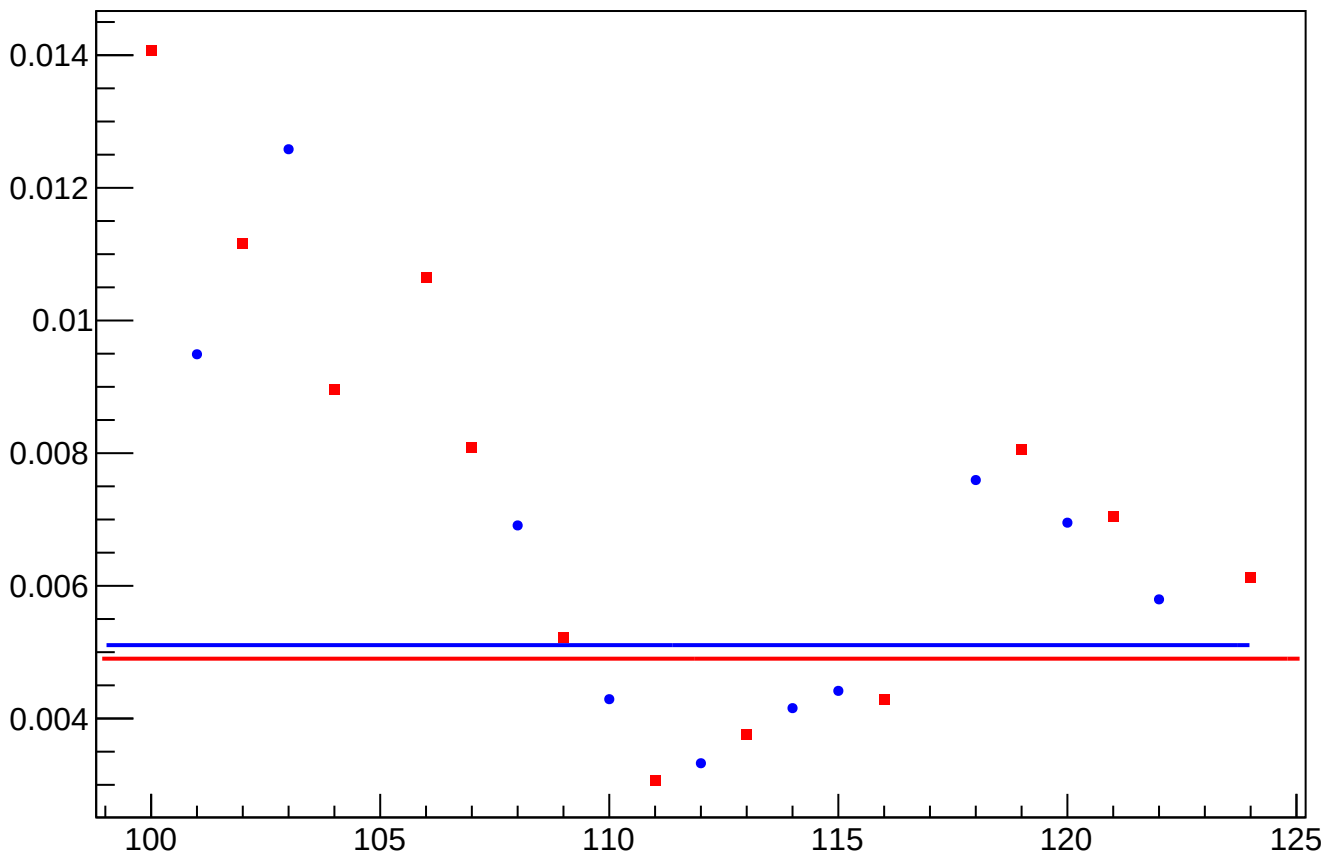
Right: 10.261+/-0.000 χ^2/NDF : 7357230605.0/21

In: 10.254+/-0.000 χ^2/NDF : 3012064298.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.261+/-0.000 χ^2/NDF : 7357230605.0/21

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1142708.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1483063.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

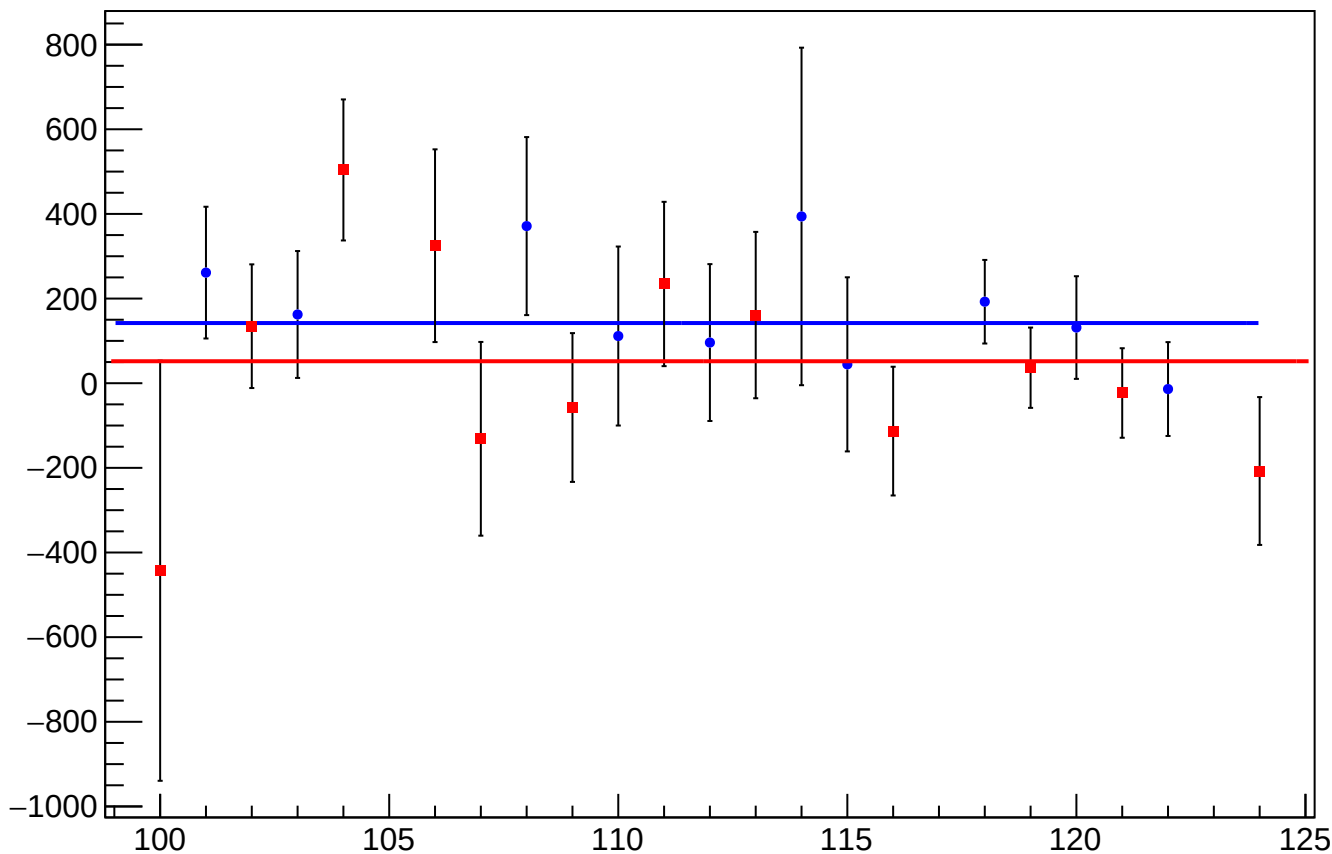
Right: 0.005+/-0.000 χ^2/NDF : 2631029.9/21

In: 0.005+/-0.000 χ^2/NDF :1142708.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2631029.9/21

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 142.168+/-47.581 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.918+/-45.333 χ^2/NDF : 16.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

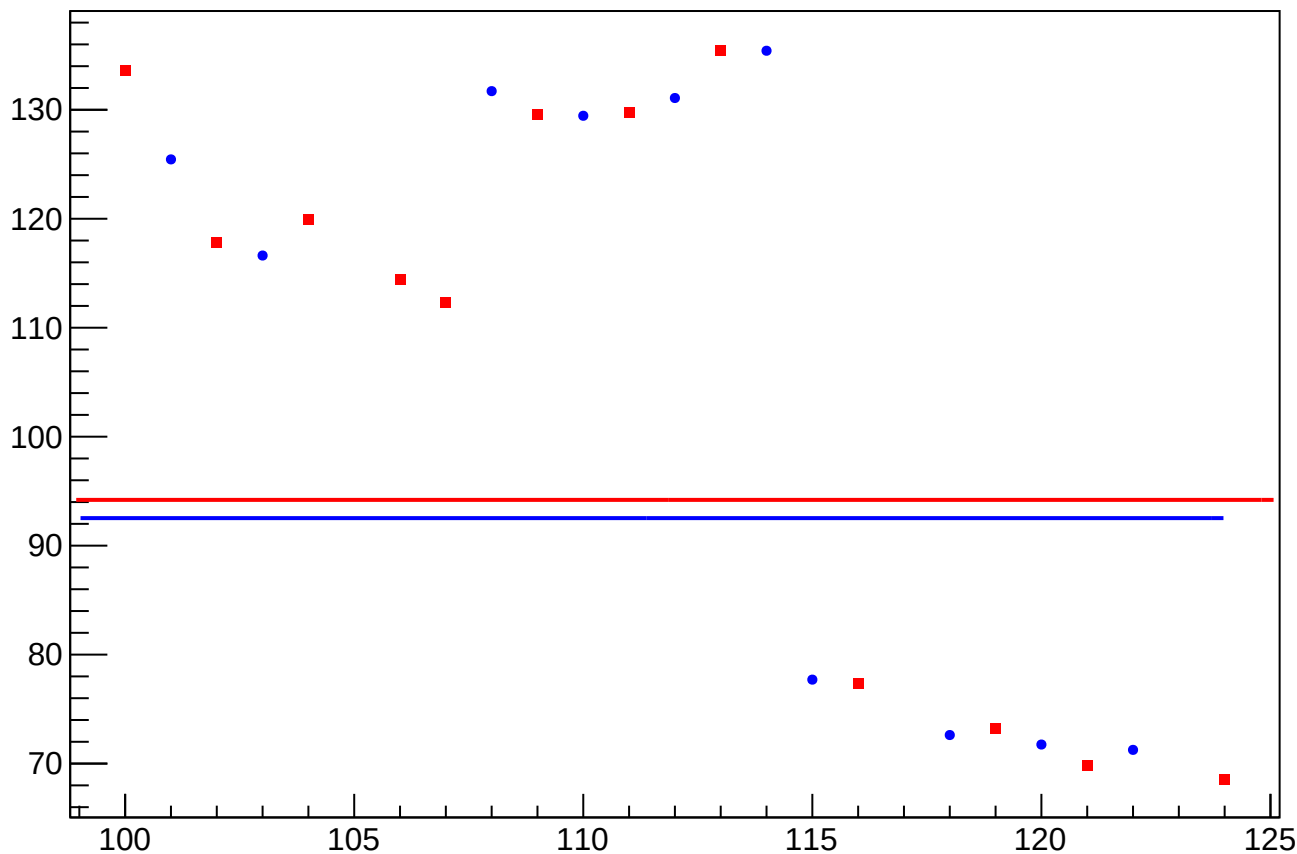
Right: 94.860+/-32.821 χ^2/NDF : 22.9/21

In: 142.168+/-47.581 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.860+/-32.821 χ^2/NDF : 22.9/21

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 92.526+/-0.034 χ^2/NDF : 605238.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.200+/-0.032 χ^2/NDF : 648886.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

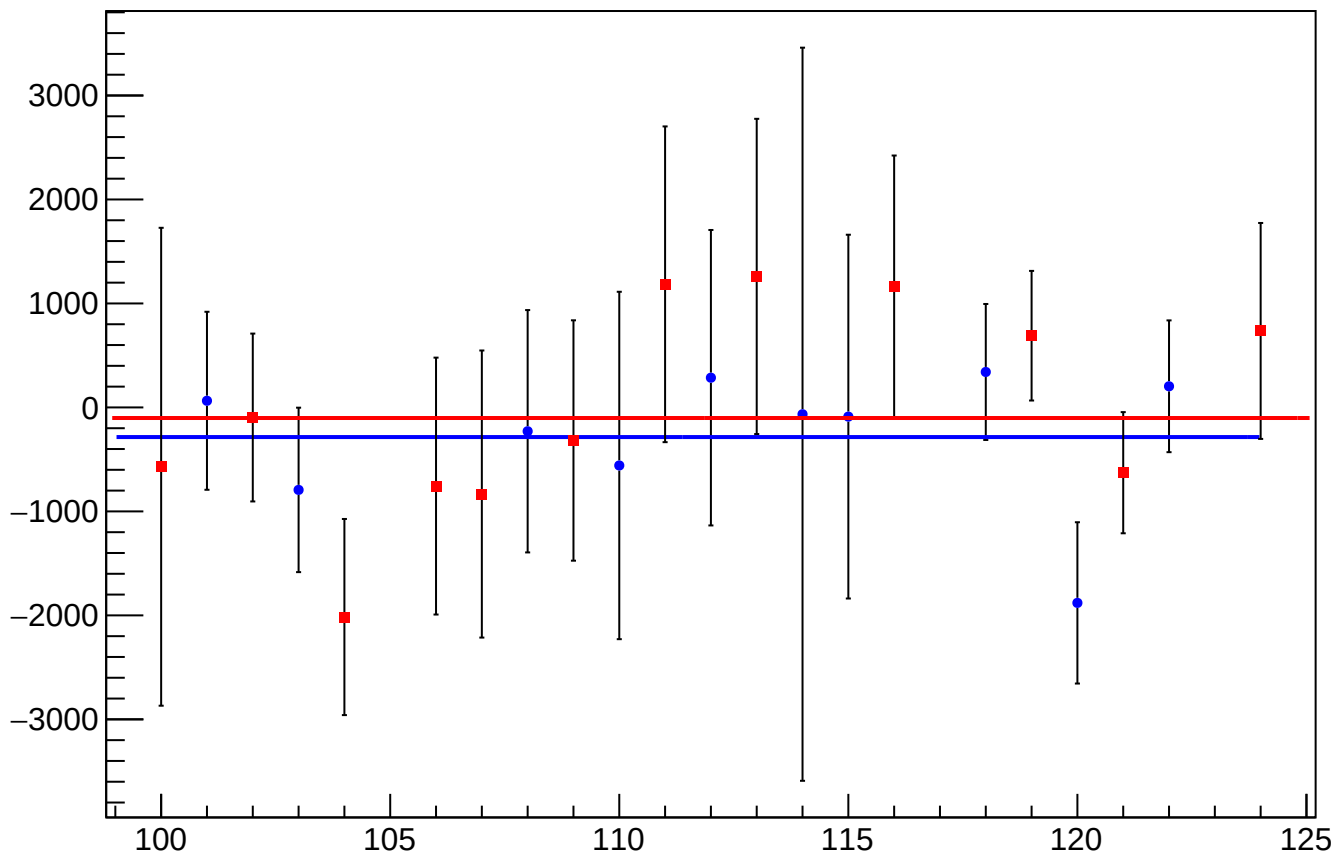
Right: 93.404+/-0.023 χ^2/NDF : 1255421.6/21

In: 92.526+/-0.034 χ^2/NDF :605238.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 93.404+/-0.023 χ^2/NDF : 1255421.6/21

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -285.032+/-295.511 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.816+/-280.386 χ^2/NDF : 10.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

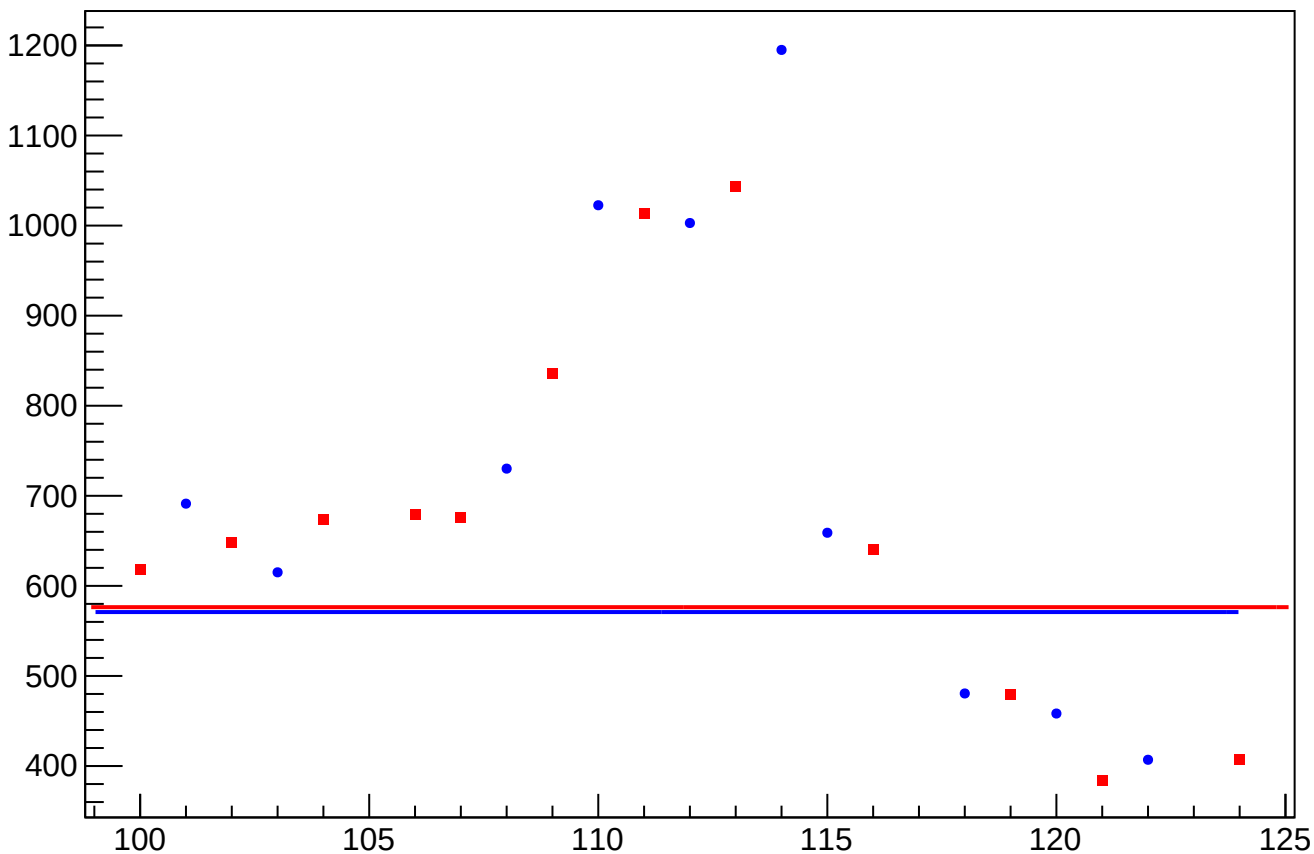
Right: -188.615+/-203.400 χ^2/NDF : 17.1/21

In: -285.032+/-295.511 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.615+/-203.400 χ^2/NDF : 17.1/21

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 570.926+/-0.209 χ^2/NDF : 696179.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 576.369+/-0.198 χ^2/NDF : 842835.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

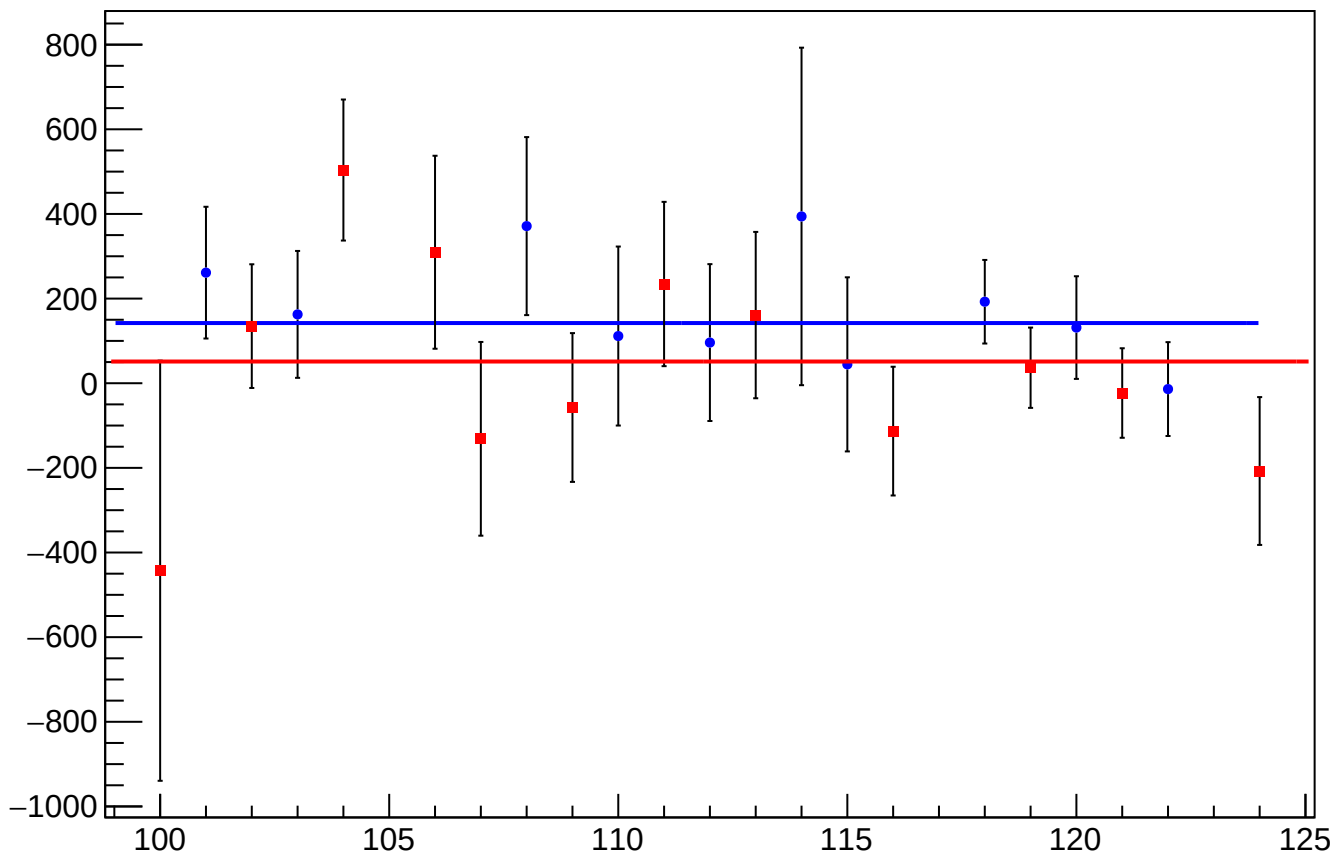
Right: 573.791+/-0.144 χ^2/NDF : 1539371.5/21

In: 570.926+/-0.209 χ^2/NDF : 696179.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.791+/-0.144 χ^2/NDF : 1539371.5/21

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 142.200 $\pm$ 47.581 χ^2 /NDF: 4.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.293 $\pm$ 45.336 χ^2 /NDF: 16.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

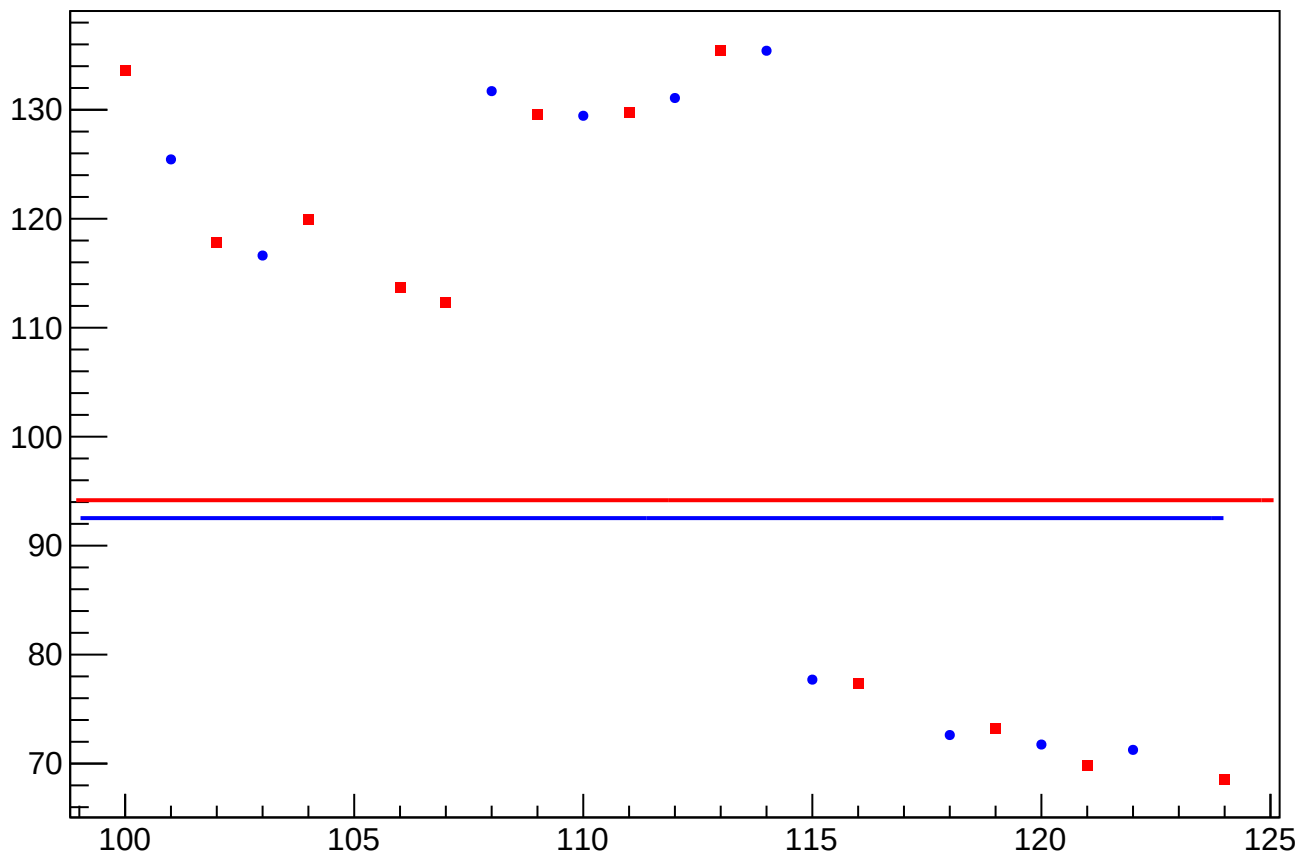
Right: 94.551 $\pm$ 32.822 χ^2 /NDF: 22.7/21

In: 142.200 $\pm$ 47.581 χ^2 /NDF:4.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.551 $\pm$ 32.822 χ^2 /NDF: 22.7/21

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 92.526+/-0.034 χ^2/NDF : 605238.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.169+/-0.032 χ^2/NDF : 647758.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

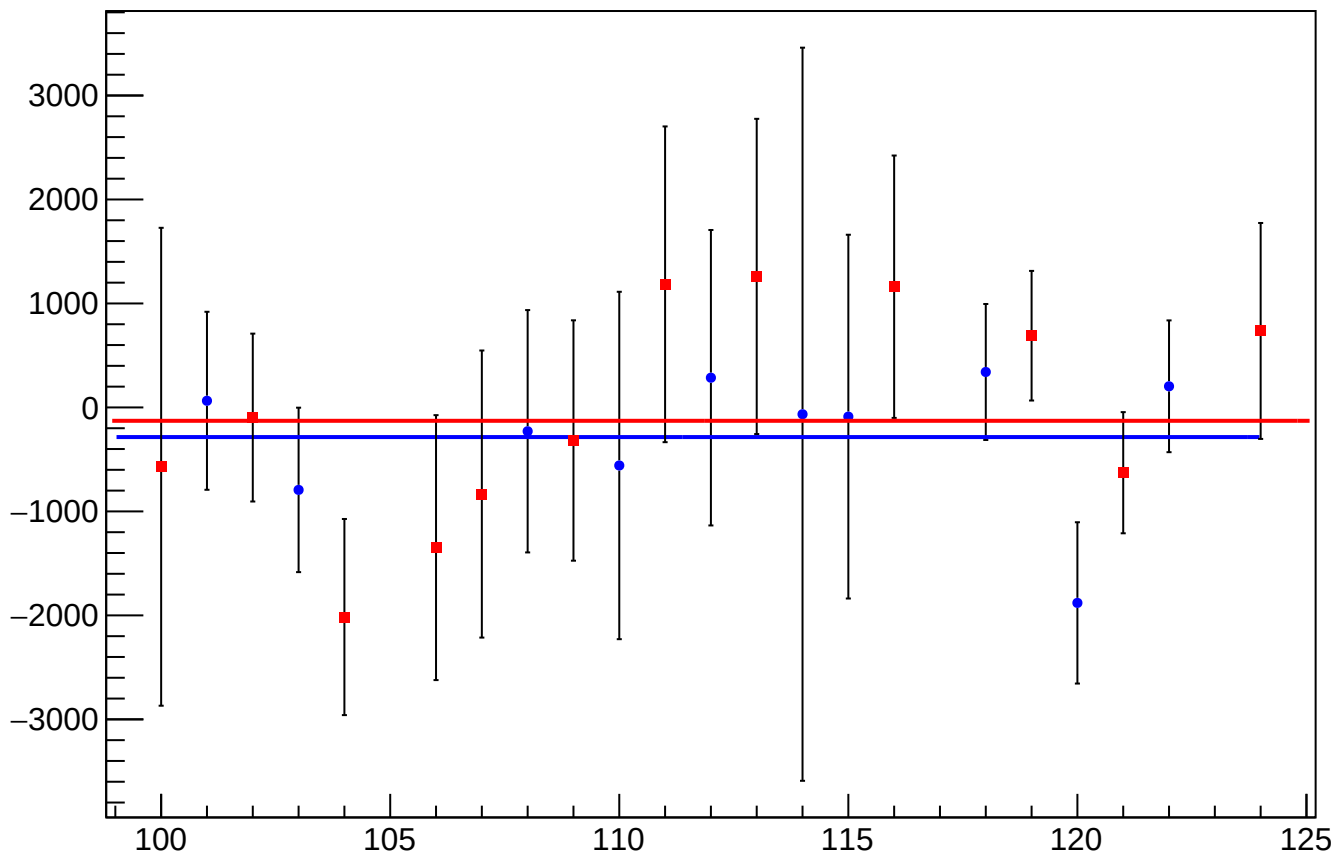
Right: 93.388+/-0.023 χ^2/NDF : 1254246.7/21

In: 92.526+/-0.034 χ^2/NDF :605238.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 93.388+/-0.023 χ^2/NDF : 1254246.7/21

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -285.028+/-295.511 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -128.597+/-280.821 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

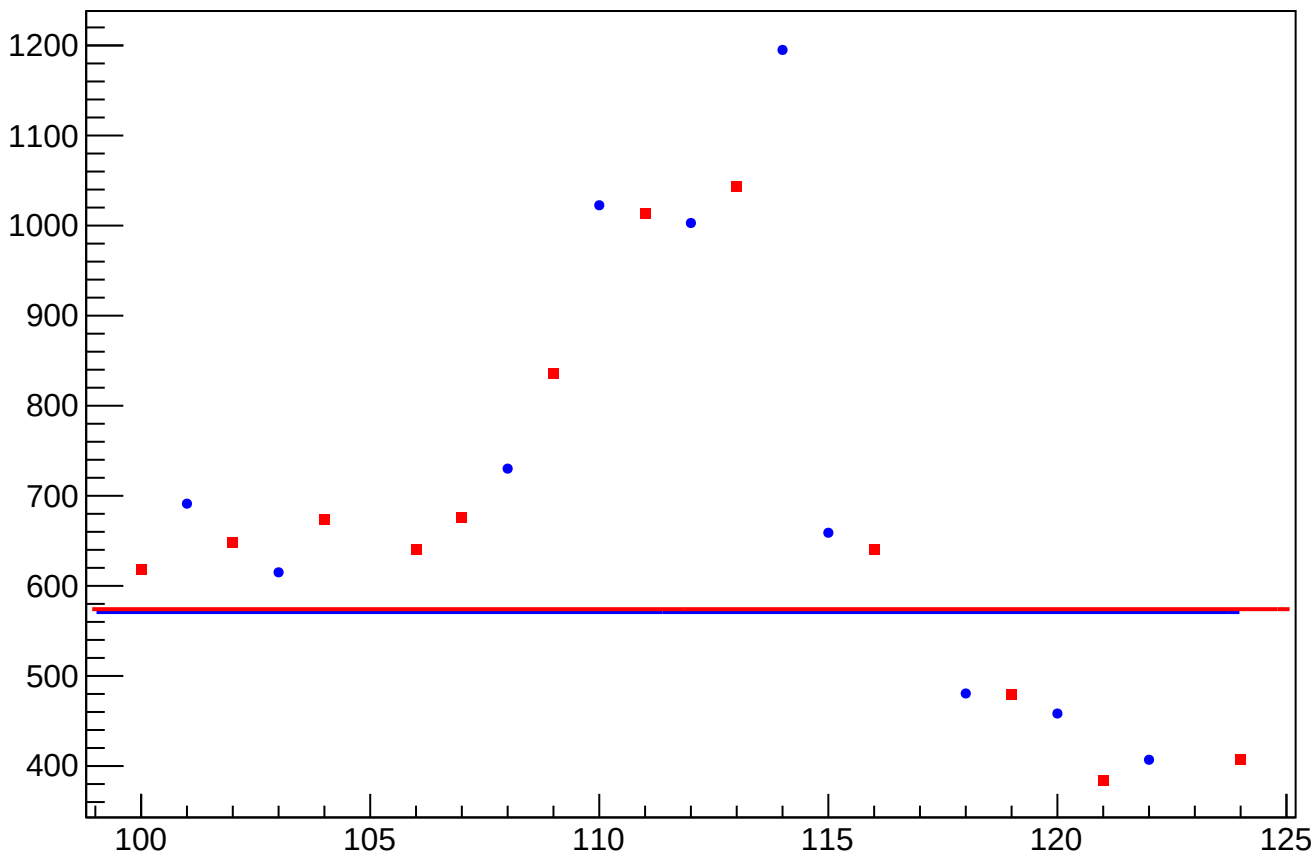
Right: -202.828+/-203.565 χ^2/NDF : 17.7/21

In: -285.028+/-295.511 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.828+/-203.565 χ^2/NDF : 17.7/21

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 570.926+/-0.209 χ^2/NDF : 696180.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.143+/-0.199 χ^2/NDF : 833788.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

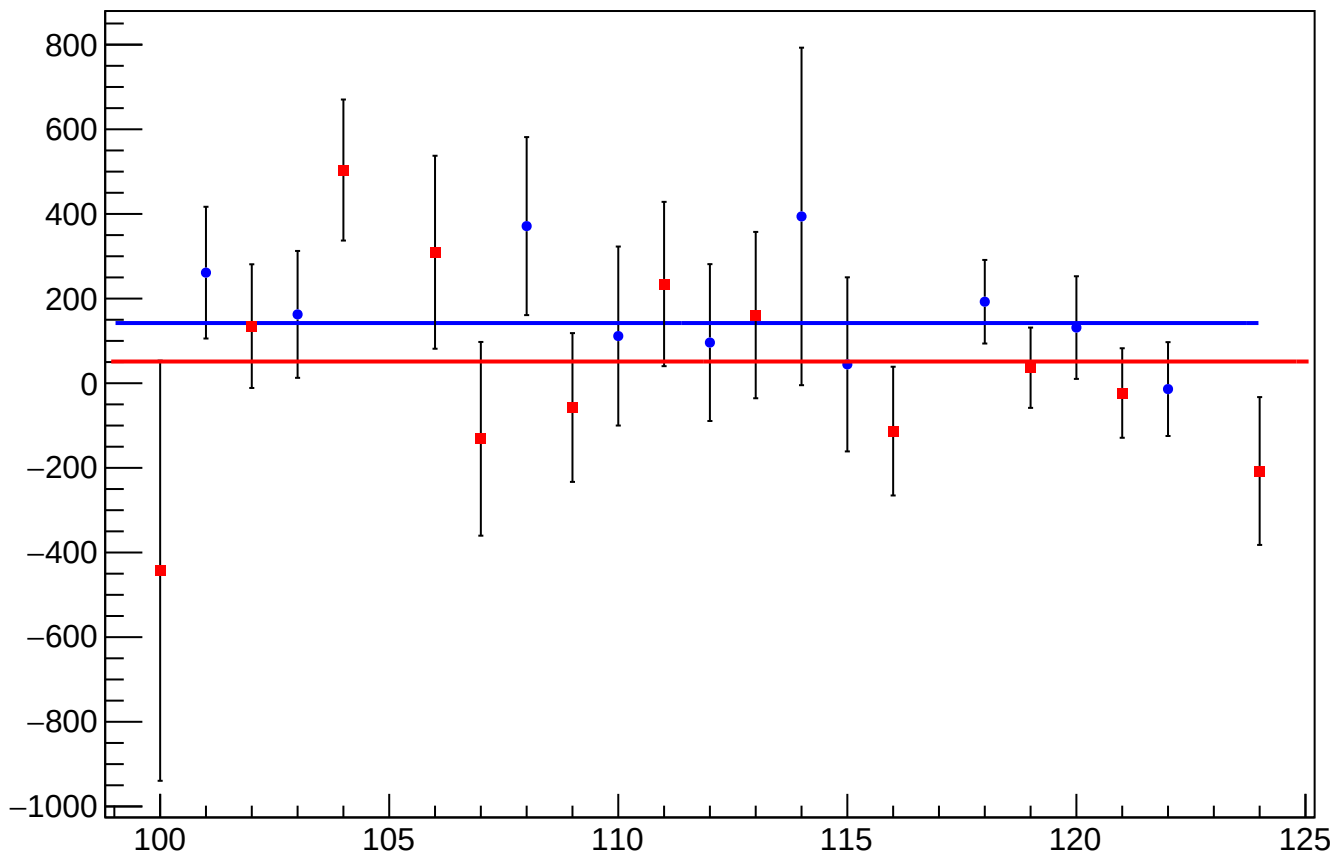
Right: 572.616+/-0.144 χ^2/NDF : 1530093.4/21

In: 570.926+/-0.209 χ^2/NDF : 696180.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.616+/-0.144 χ^2/NDF : 1530093.4/21

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 142.200 $\pm$ 47.581 χ^2 /NDF: 4.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.293 $\pm$ 45.336 χ^2 /NDF: 16.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

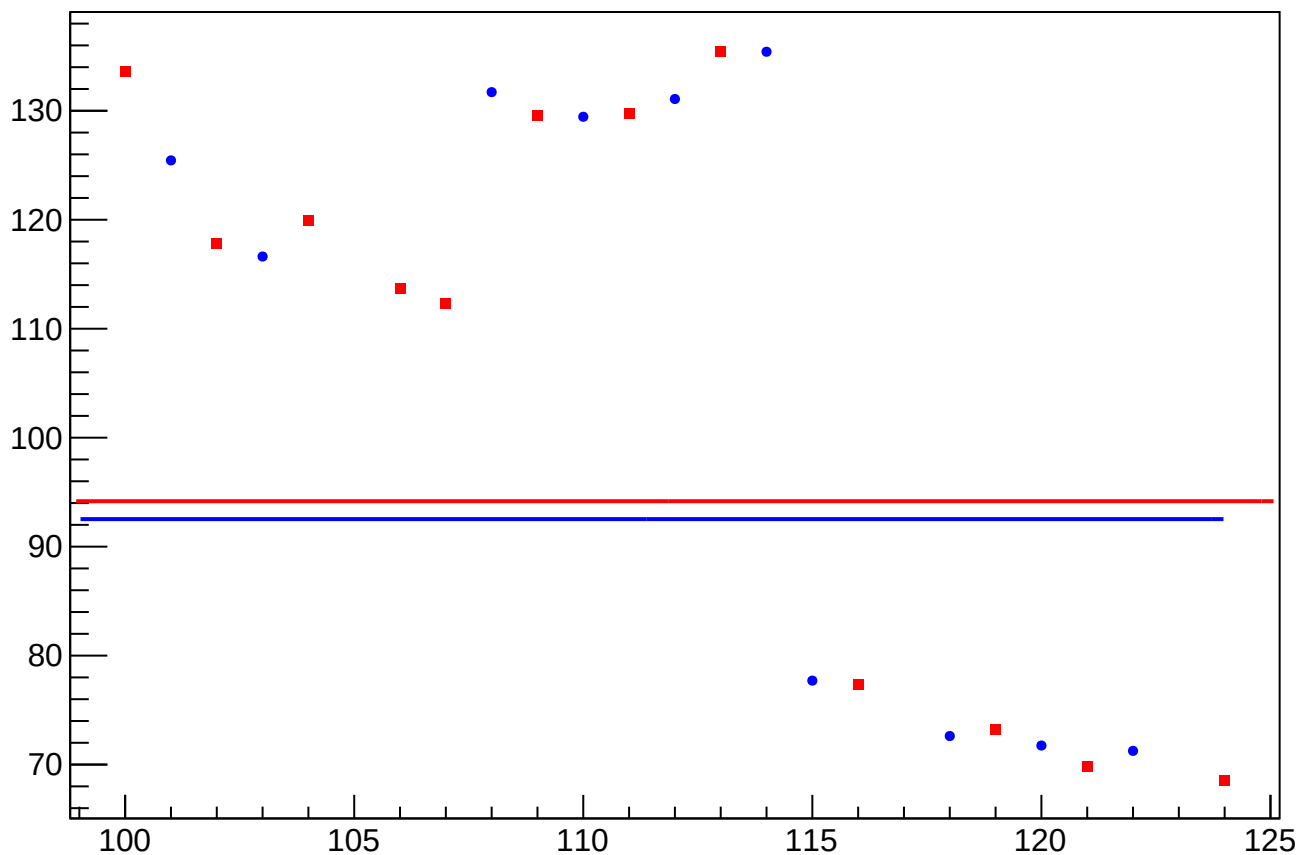
Right: 94.551 $\pm$ 32.822 χ^2 /NDF: 22.7/21

In: 142.200 $\pm$ 47.581 χ^2 /NDF:4.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.551 $\pm$ 32.822 χ^2 /NDF: 22.7/21

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 92.526+/-0.034 χ^2/NDF : 605238.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.169+/-0.032 χ^2/NDF : 647758.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

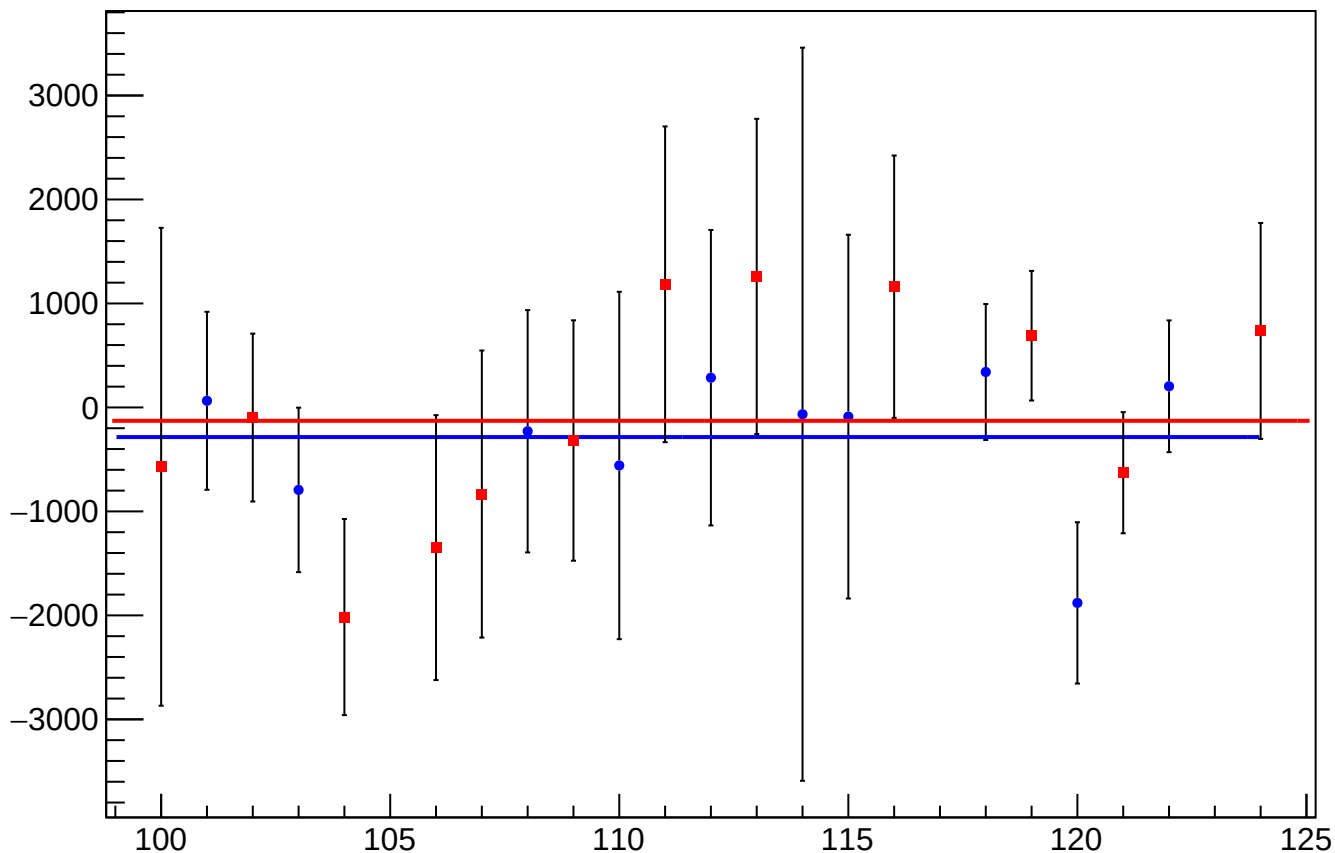
Right: 93.388+/-0.023 χ^2/NDF : 1254246.7/21

In: 92.526+/-0.034 χ^2/NDF :605238.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 93.388+/-0.023 χ^2/NDF : 1254246.7/21

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -285.028+/-295.511 χ^2 /NDF: 6.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -128.597+/-280.821 χ^2 /NDF: 11.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

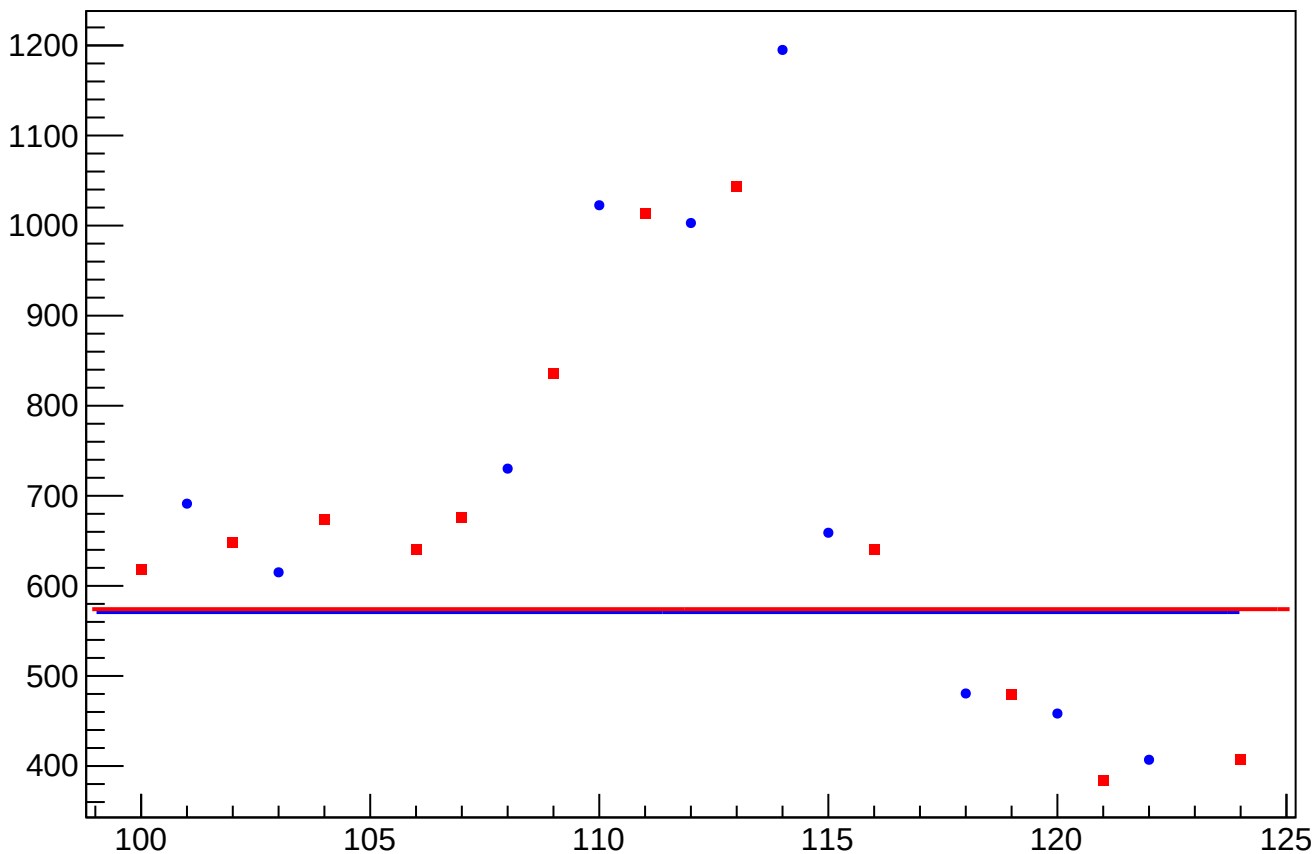
Right: -202.828+/-203.565 χ^2 /NDF: 17.7/21

In: -285.028+/-295.511 χ^2 /NDF:6.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -202.828+/-203.565 χ^2 /NDF: 17.7/21

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 570.926+/-0.209 χ^2/NDF : 696180.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.143+/-0.199 χ^2/NDF : 833788.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

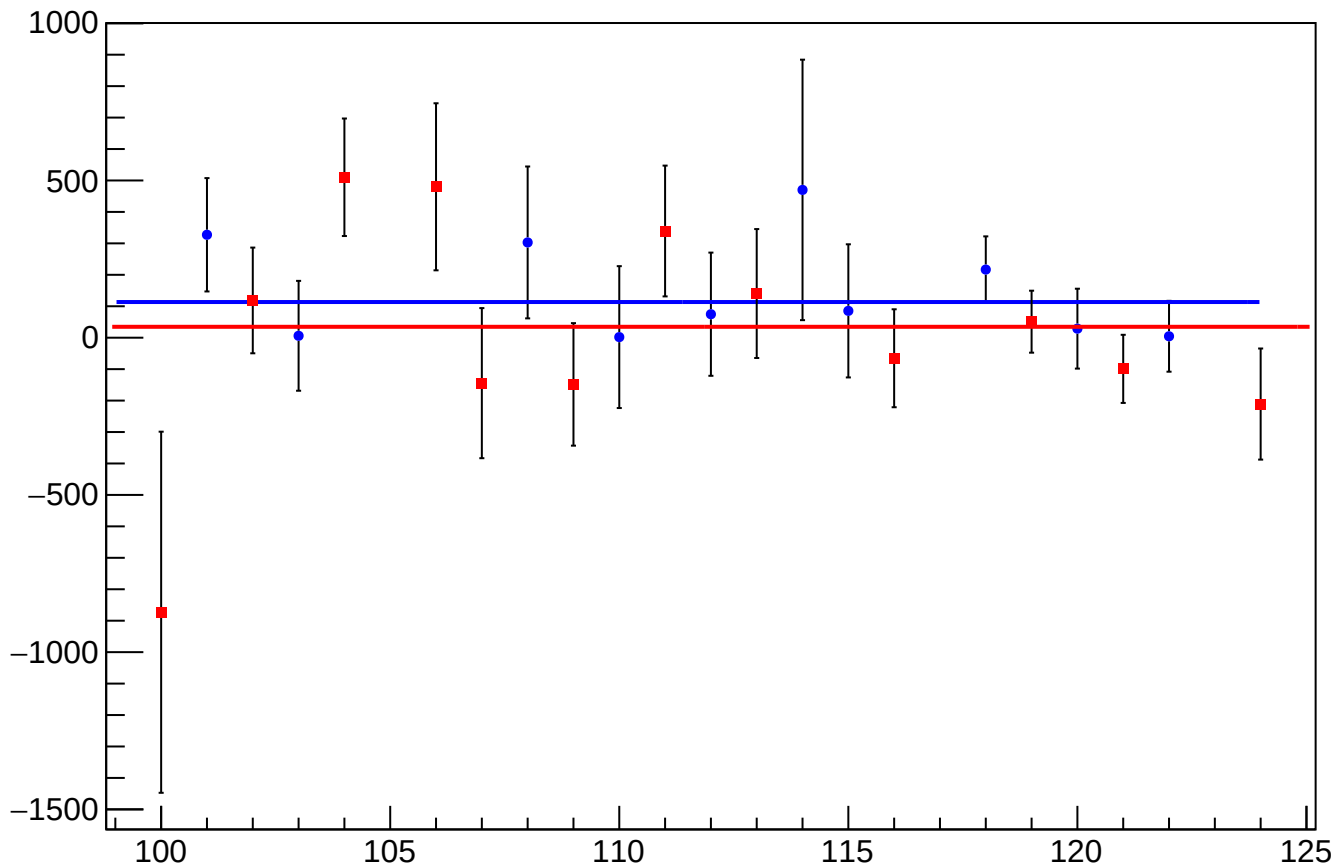
Right: 572.616+/-0.144 χ^2/NDF : 1530093.4/21

In: 570.926+/-0.209 χ^2/NDF : 696180.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.616+/-0.144 χ^2/NDF : 1530093.4/21

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 113.440 $\pm$ 50.965 χ^2 /NDF: 5.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.673 $\pm$ 48.029 χ^2 /NDF: 19.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

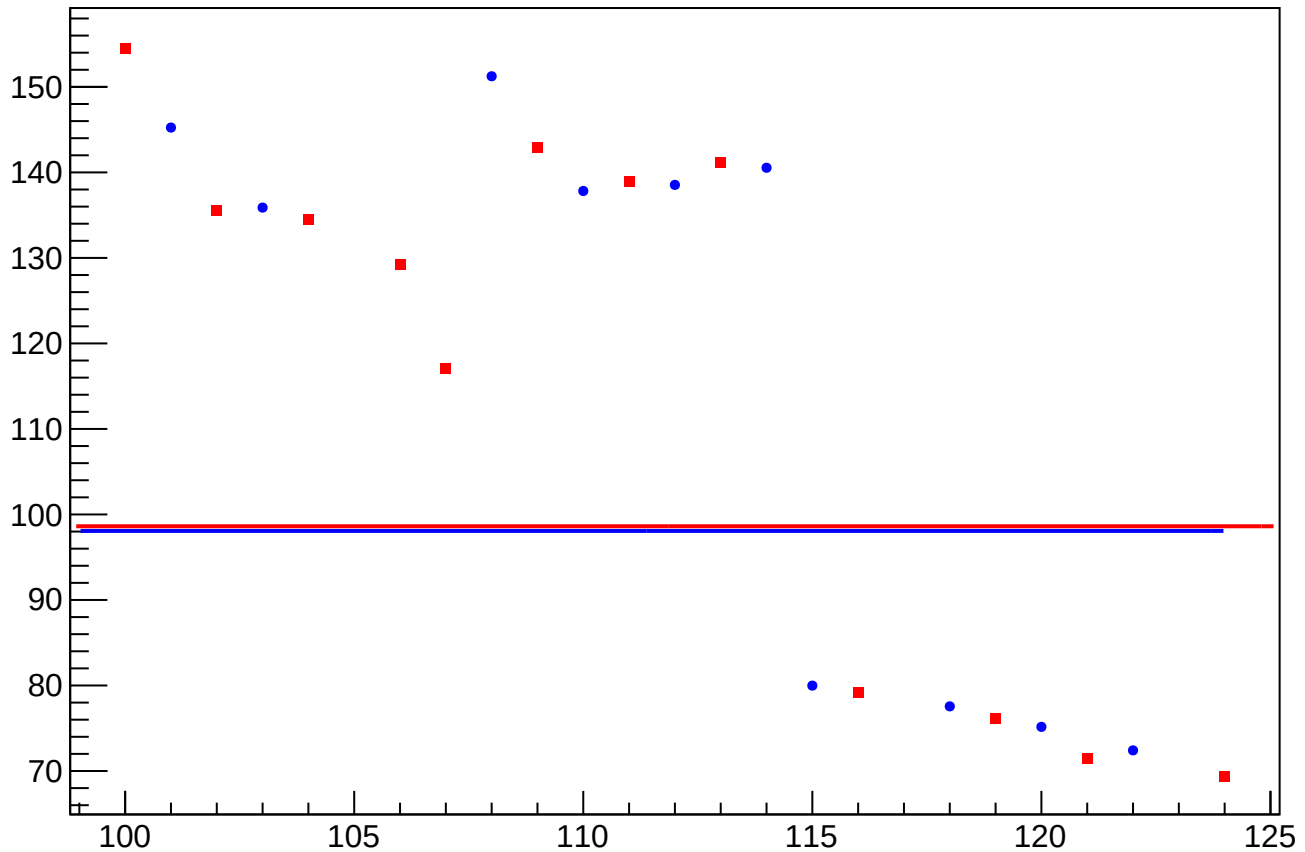
Right: 71.722 $\pm$ 34.953 χ^2 /NDF: 26.8/21

In: 113.440 $\pm$ 50.965 χ^2 /NDF:5.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 71.722 $\pm$ 34.953 χ^2 /NDF: 26.8/21

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 98.076+/-0.036 χ^2/NDF : 755024.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 98.618+/-0.034 χ^2/NDF : 808316.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

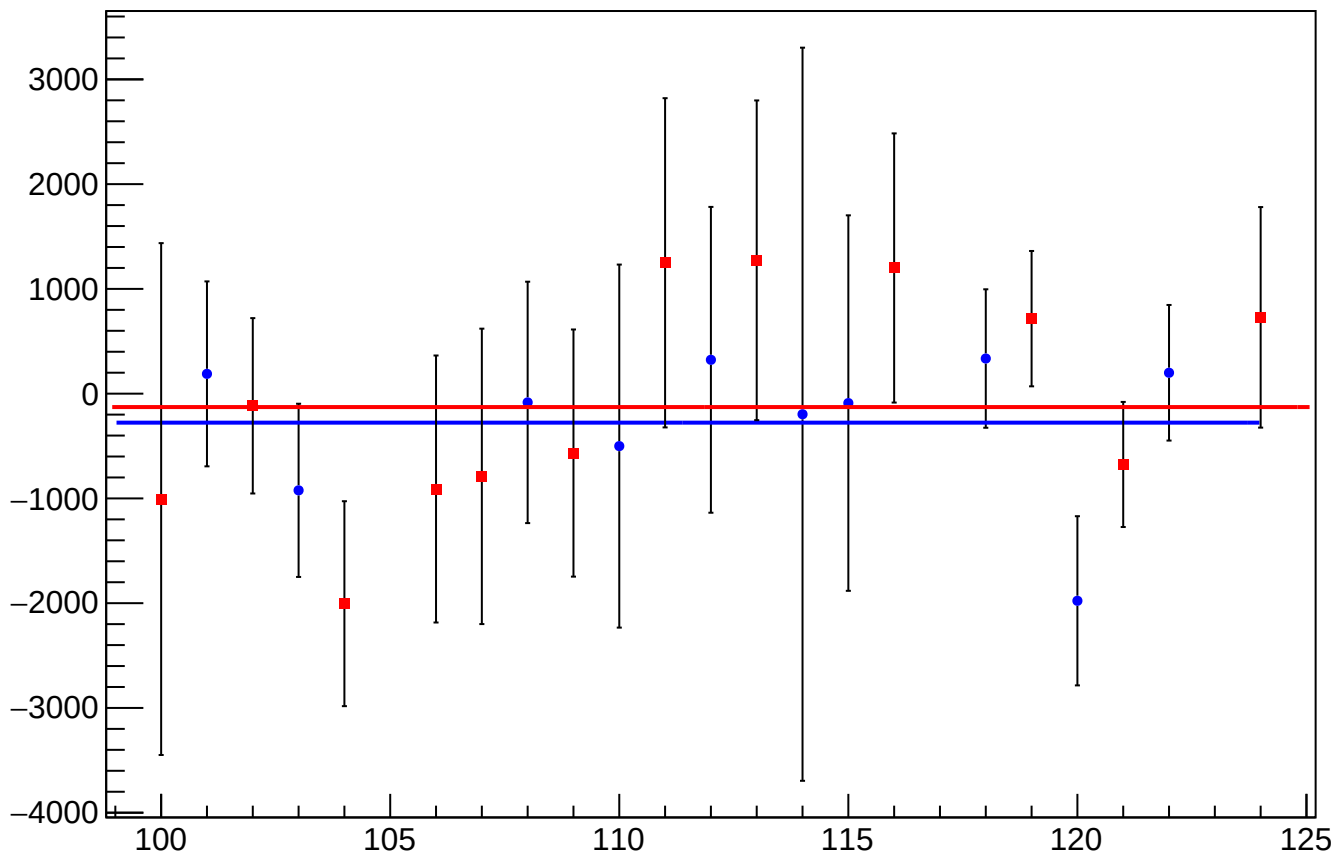
Right: 98.363+/-0.025 χ^2/NDF : 1563460.8/21

In: 98.076+/-0.036 χ^2/NDF :755024.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.363+/-0.025 χ^2/NDF : 1563460.8/21

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -276.763+/-302.810 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -127.977+/-288.407 χ^2/NDF : 10.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

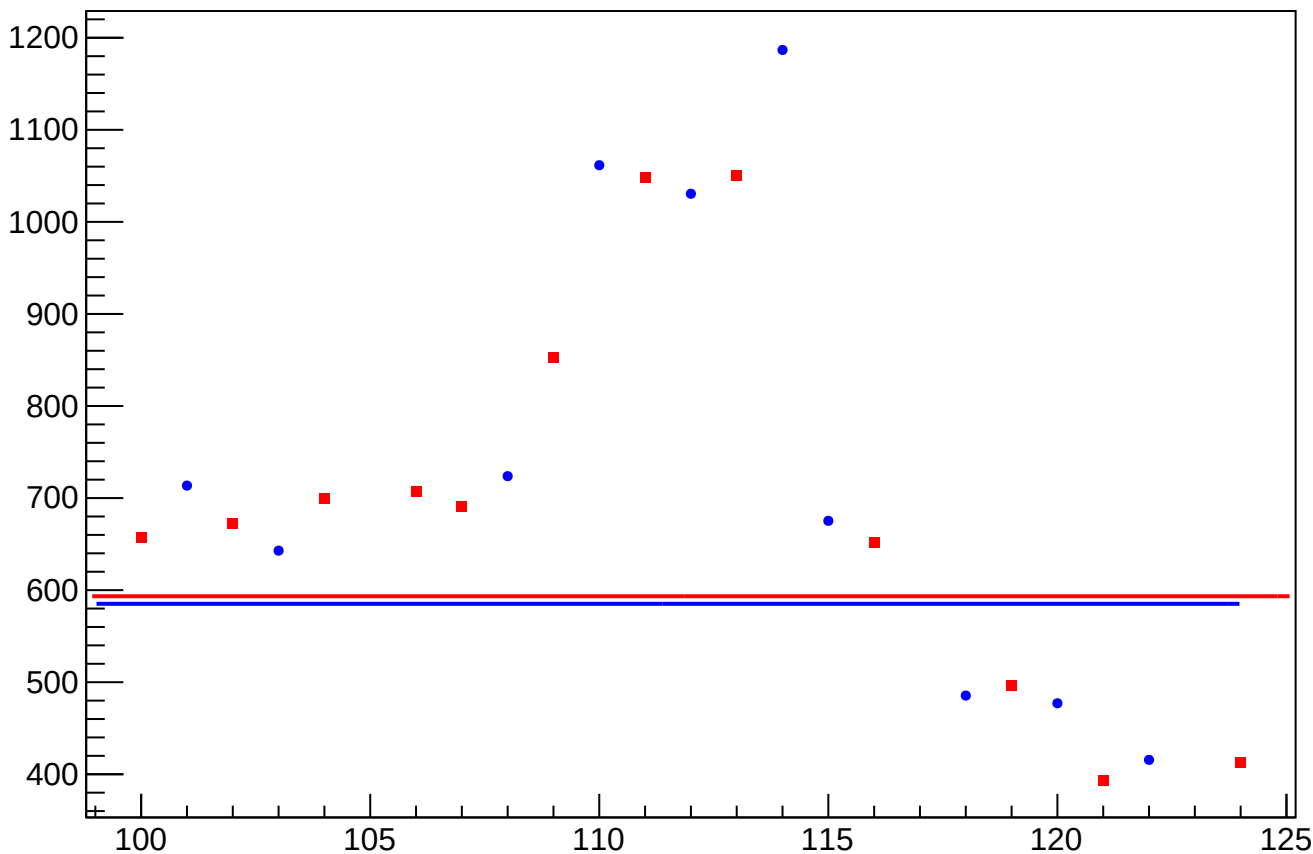
Right: -198.748+/-208.841 χ^2/NDF : 17.5/21

In: -276.763+/-302.810 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.748+/-208.841 χ^2/NDF : 17.5/21

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 585.158+/-0.214 χ^2/NDF : 701190.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 593.349+/-0.204 χ^2/NDF : 843856.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

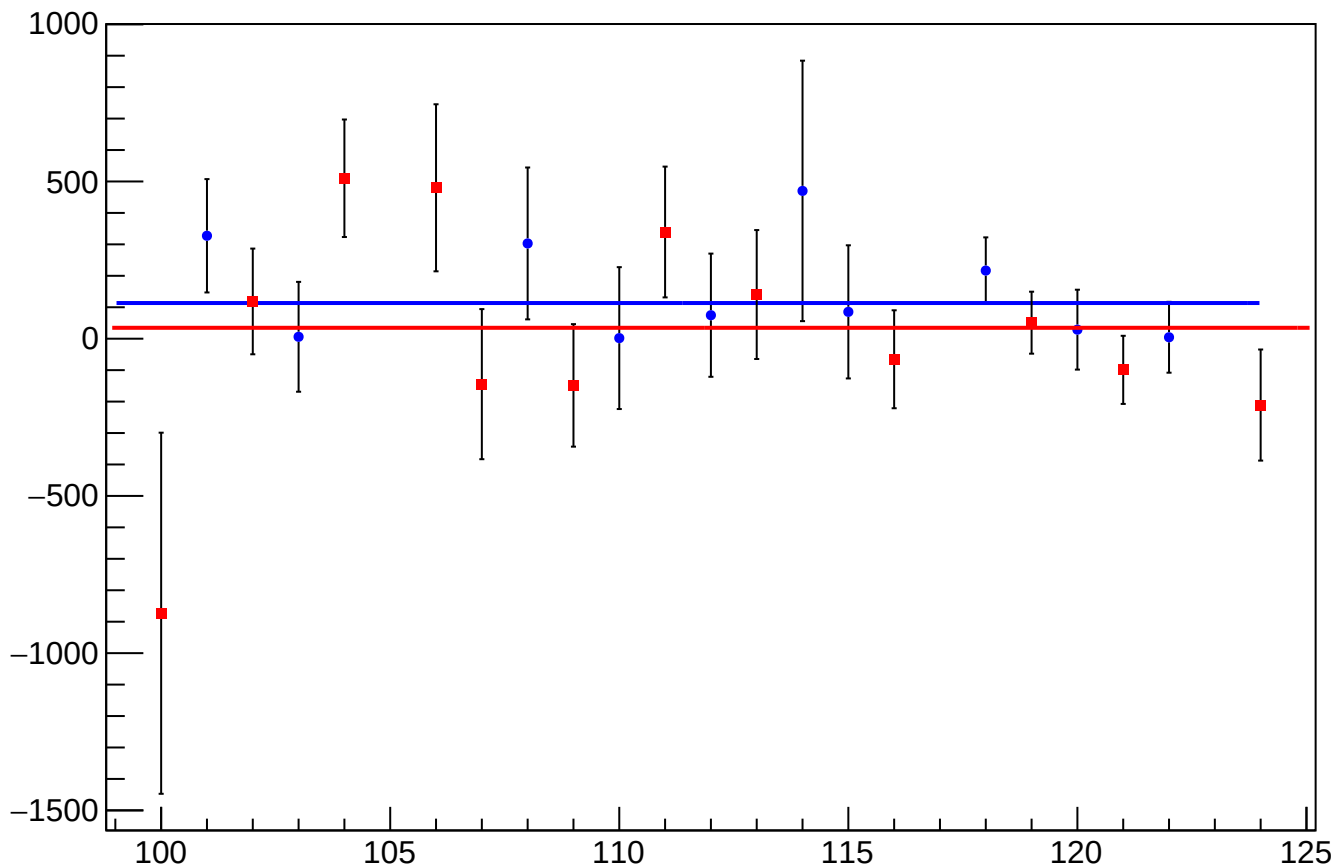
Right: 589.453+/-0.148 χ^2/NDF : 1545813.7/21

In: 585.158+/-0.214 χ^2/NDF : 701190.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.453+/-0.148 χ^2/NDF : 1545813.7/21

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 113.439 $\pm$ 50.965 χ^2 /NDF: 5.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.672 $\pm$ 48.029 χ^2 /NDF: 19.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

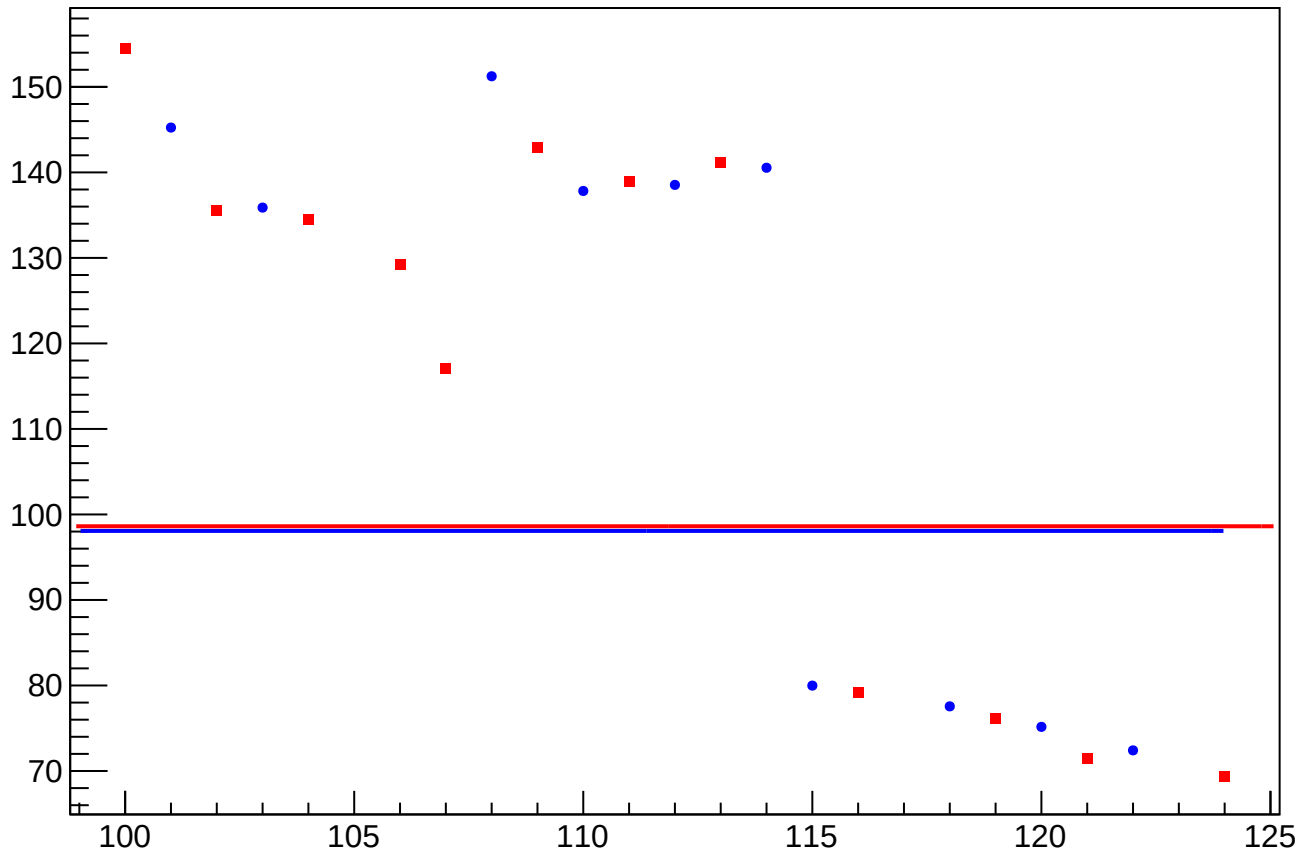
Right: 71.722 $\pm$ 34.953 χ^2 /NDF: 26.8/21

In: 113.439 $\pm$ 50.965 χ^2 /NDF:5.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 71.722 $\pm$ 34.953 χ^2 /NDF: 26.8/21

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 98.075+/-0.036 χ^2/NDF : 755025.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.618+/-0.034 χ^2/NDF : 808317.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

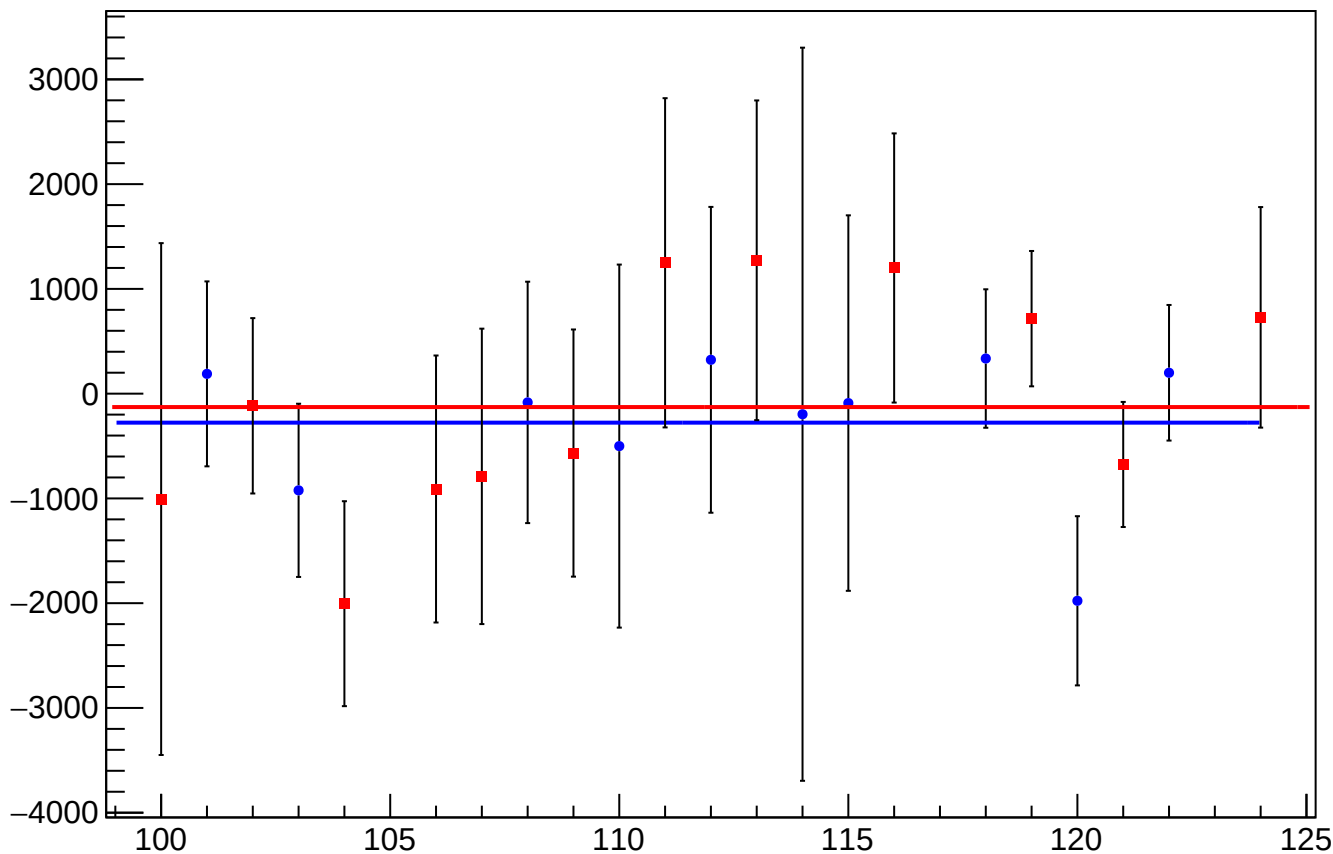
Right: 98.363+/-0.025 χ^2/NDF : 1563462.1/21

In: 98.075+/-0.036 χ^2/NDF : 755025.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.363+/-0.025 χ^2/NDF : 1563462.1/21

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -276.764 $\pm$ 302.809 χ^2 /NDF: 6.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -127.978 $\pm$ 288.407 χ^2 /NDF: 10.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

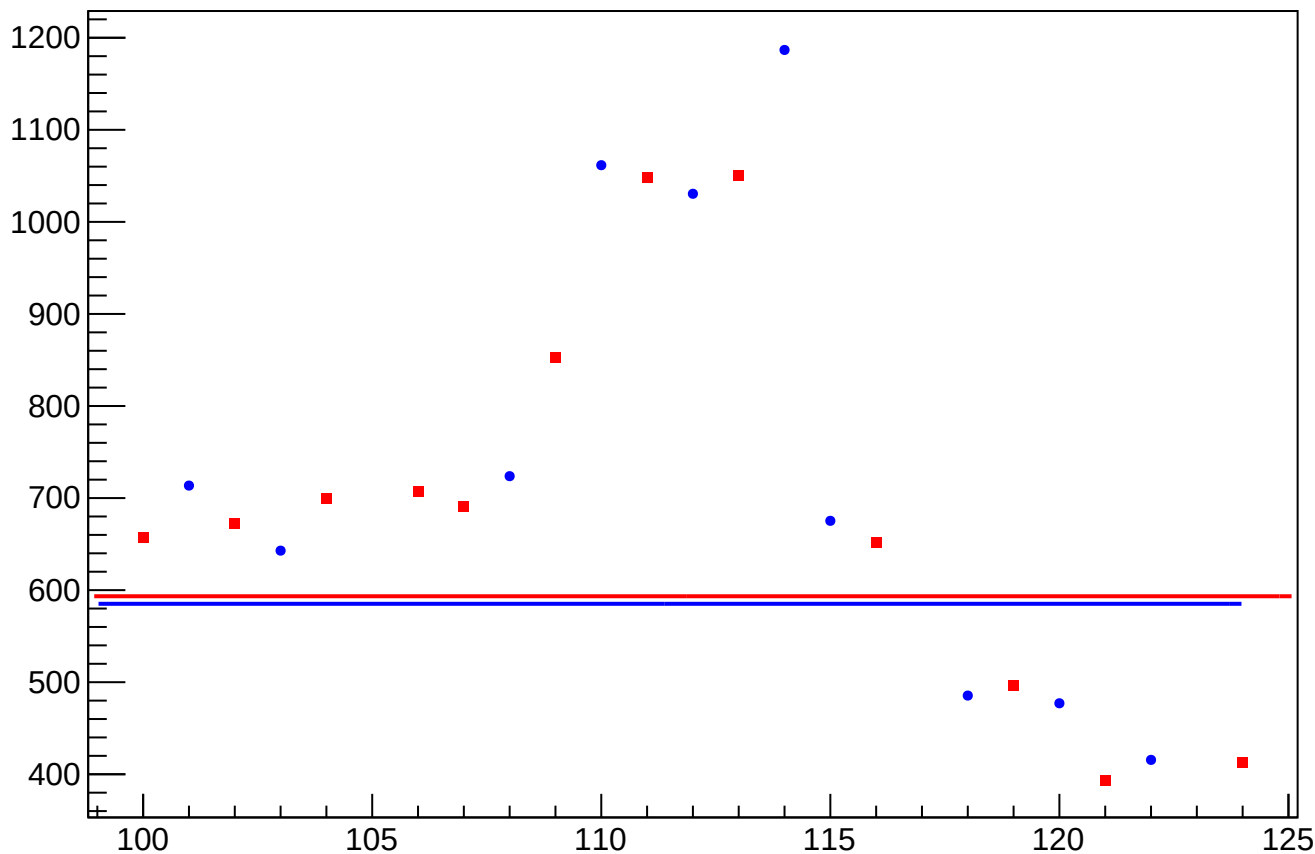
Right: -198.748 $\pm$ 208.840 χ^2 /NDF: 17.5/21

In: -276.764 $\pm$ 302.809 χ^2 /NDF:6.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -198.748 $\pm$ 208.840 χ^2 /NDF: 17.5/21

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 585.157+/-0.214 χ^2/NDF : 701191.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 593.349+/-0.204 χ^2/NDF : 843857.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

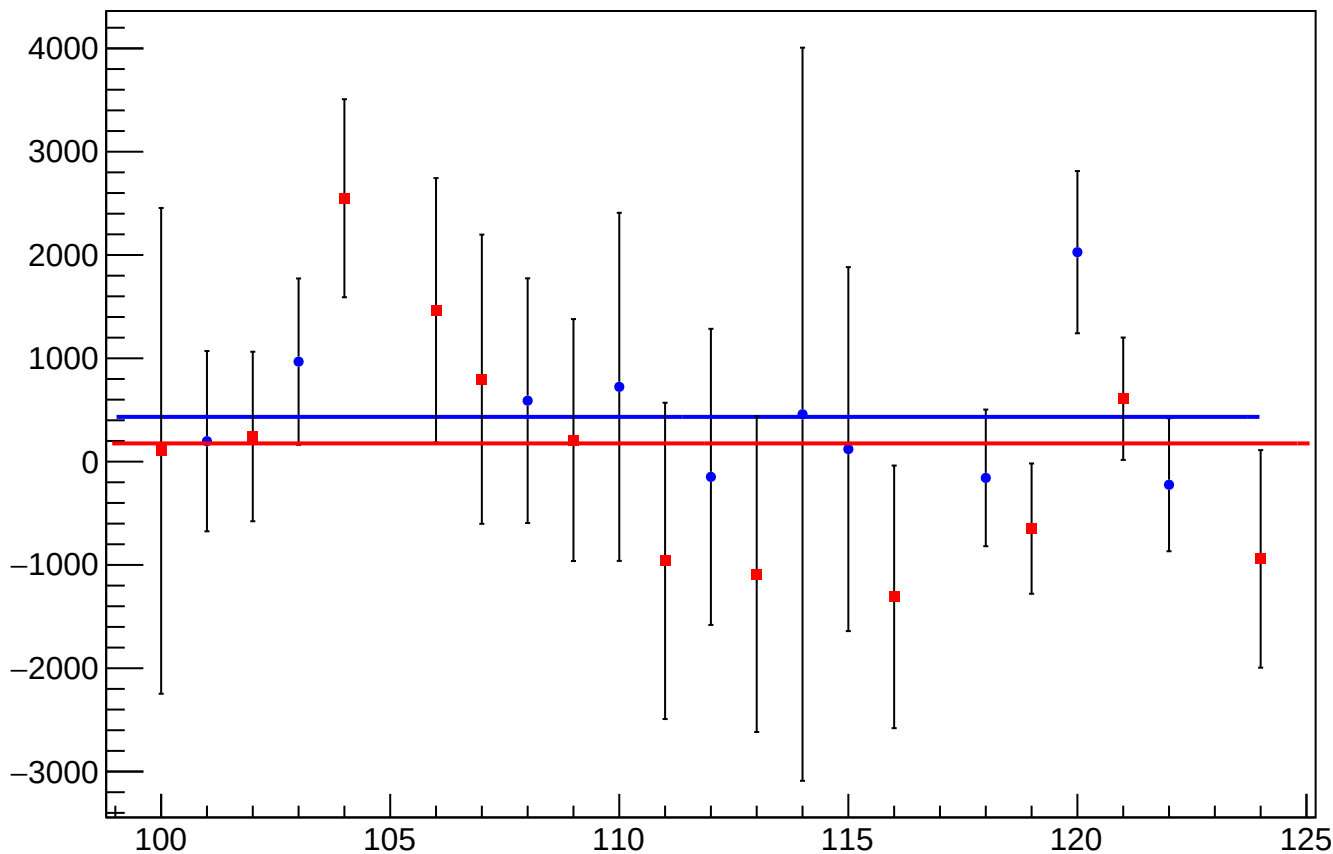
Right: 589.452+/-0.148 χ^2/NDF : 1545816.8/21

In: 585.157+/-0.214 χ^2/NDF : 701191.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.452+/-0.148 χ^2/NDF : 1545816.8/21

asym_sam1_mean vs Slug, Sign Corrected



Right In: 433.126+/-299.723 χ^2/NDF : 6.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.433+/-284.625 χ^2/NDF : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

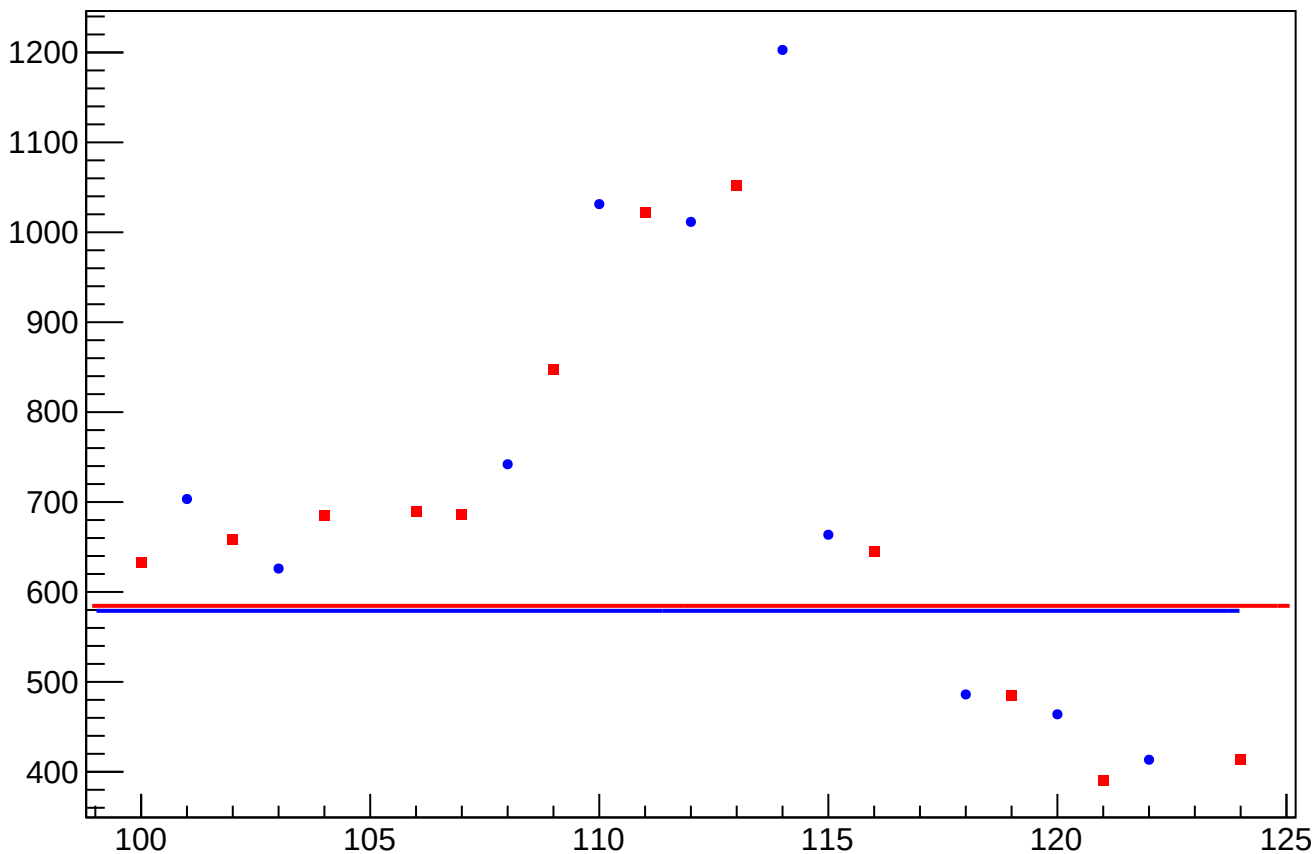
Right: 298.152+/-206.392 χ^2/NDF : 20.4/21

In: 433.126+/-299.723 χ^2/NDF : 6.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.152+/-206.392 χ^2/NDF : 20.4/21

asym_sam1_rms vs Slug, Sign Corrected



Right In: 579.030+/-0.212 χ^2/NDF : 693004.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 584.569+/-0.201 χ^2/NDF : 836212.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

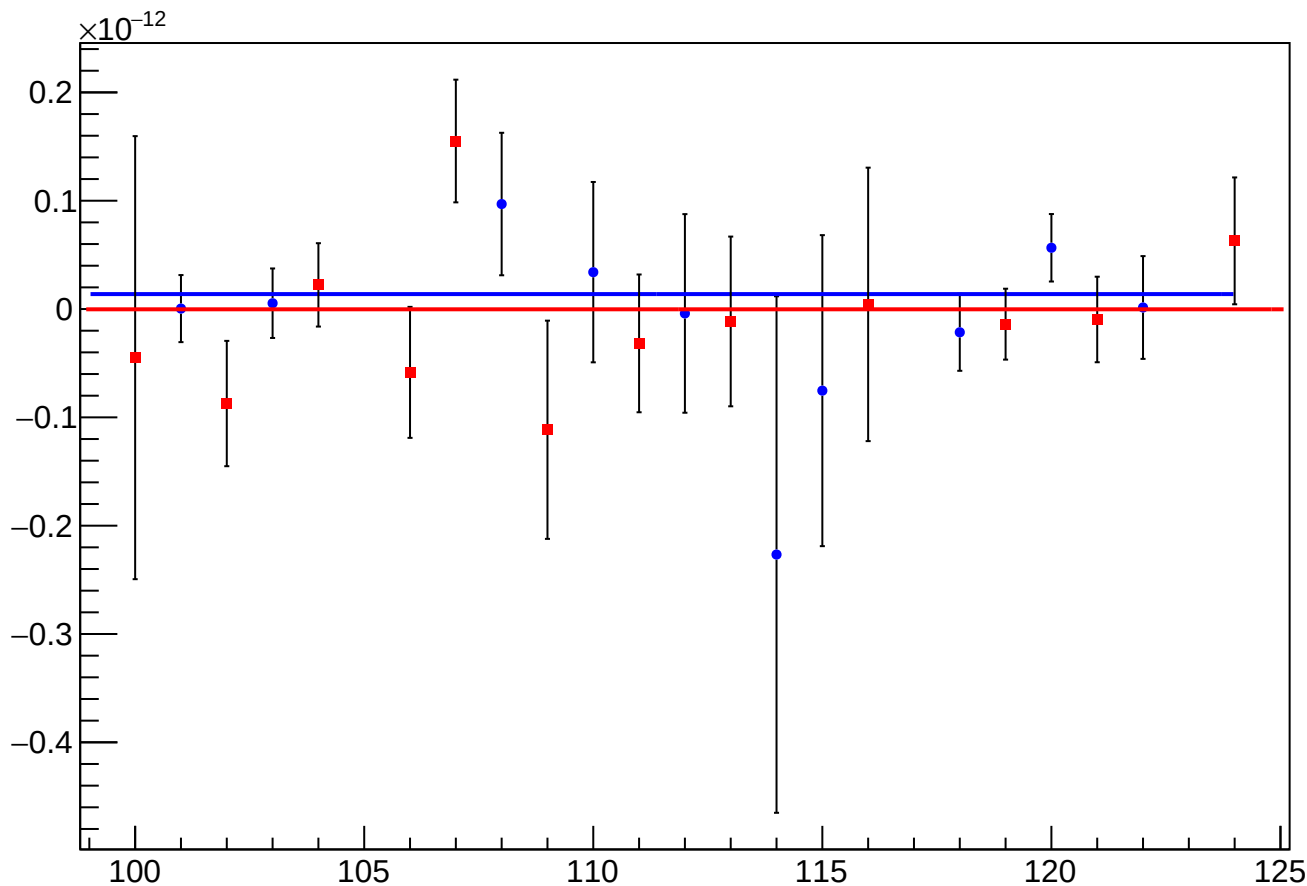
Right: 581.943+/-0.146 χ^2/NDF : 1529576.3/21

In: 579.030+/-0.212 χ^2/NDF : 693004.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.943+/-0.146 χ^2/NDF : 1529576.3/21

asym_sam1_reg_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 : 14.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

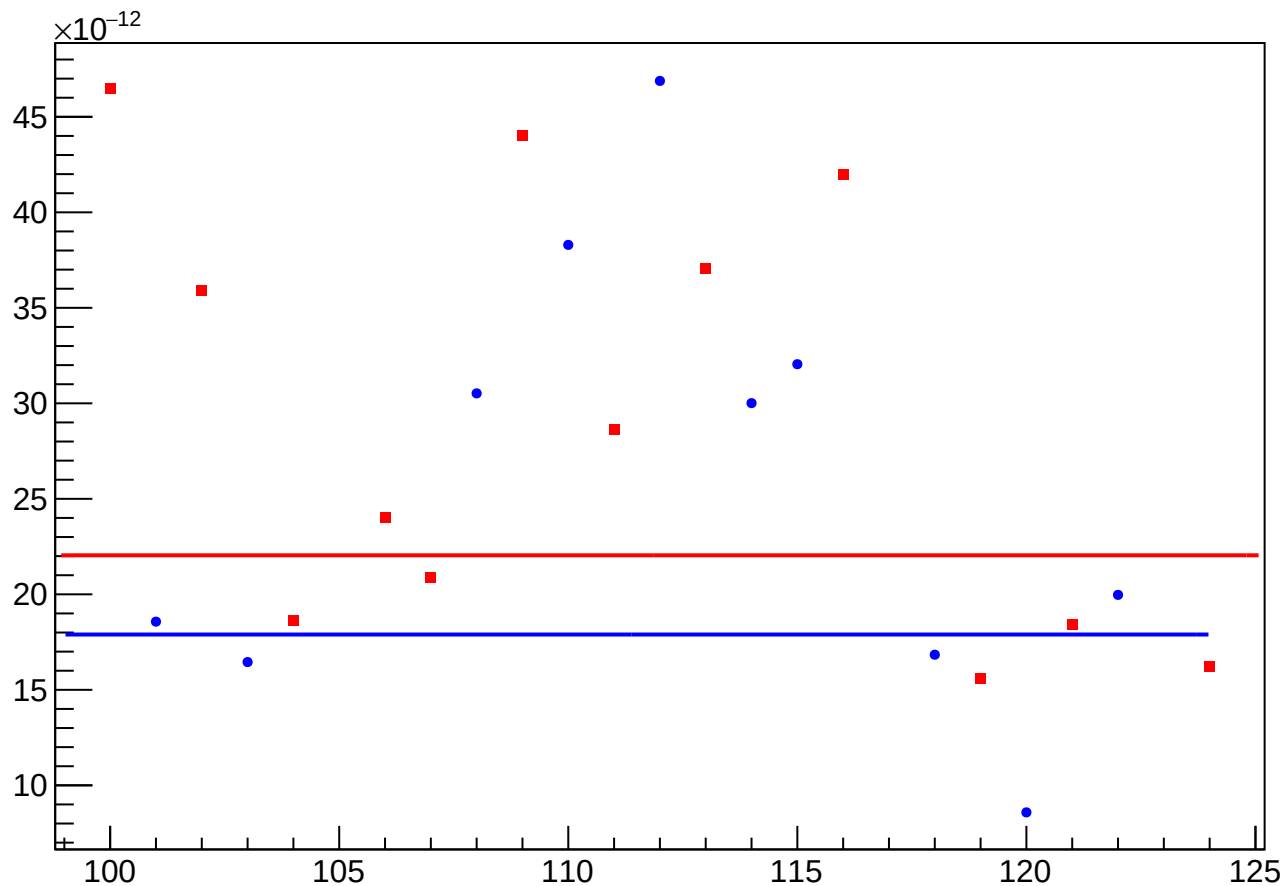
Right: 0.000+/-0.000 χ^2/NDF : 20.7/21

In: 0.000+/-0.000 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.7/21

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 607677.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 517238.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

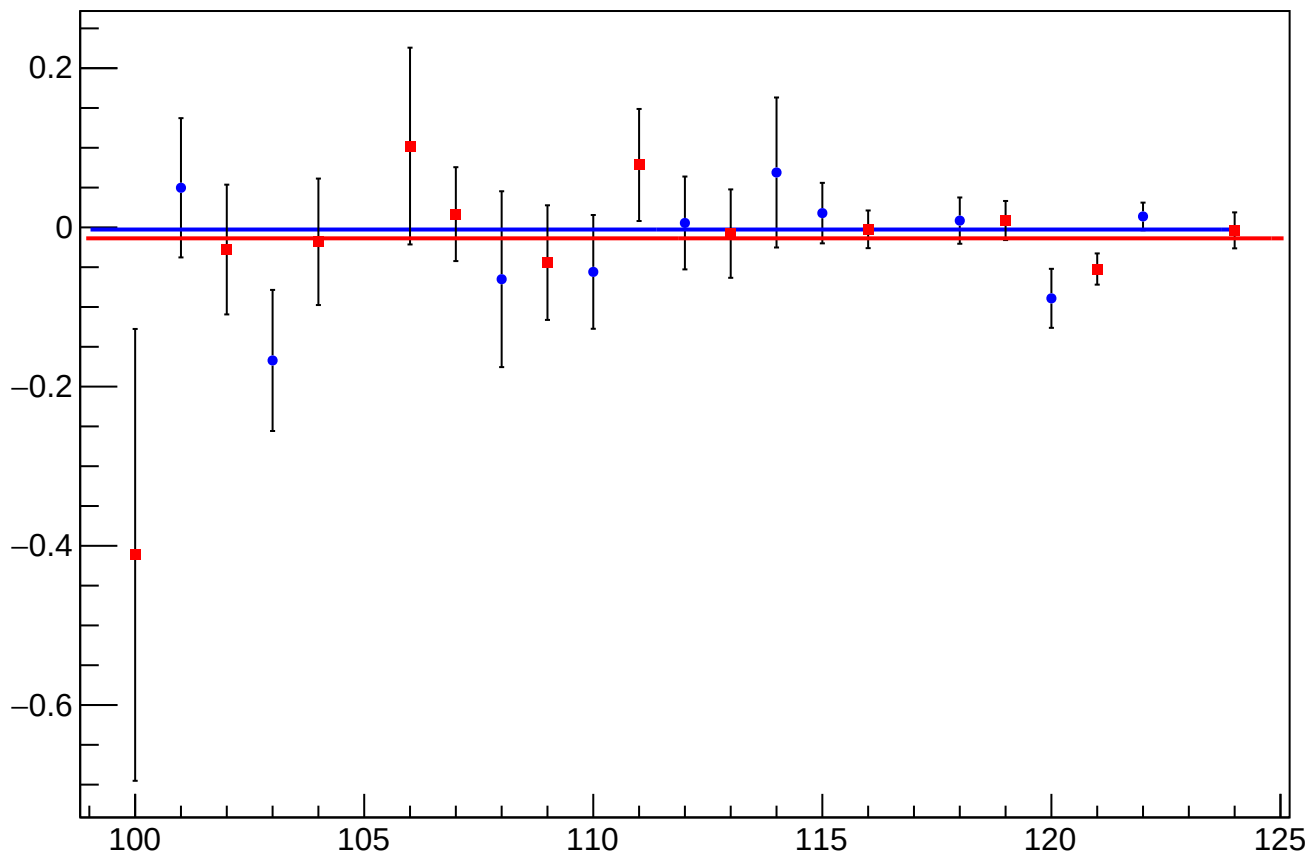
Right: 0.000+/-0.000 χ^2/NDF : 1200484.4/21

In: 0.000+/-0.000 χ^2/NDF : 607677.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1200484.4/21

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.012 χ^2/NDF : 12.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.010 χ^2/NDF : 10.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

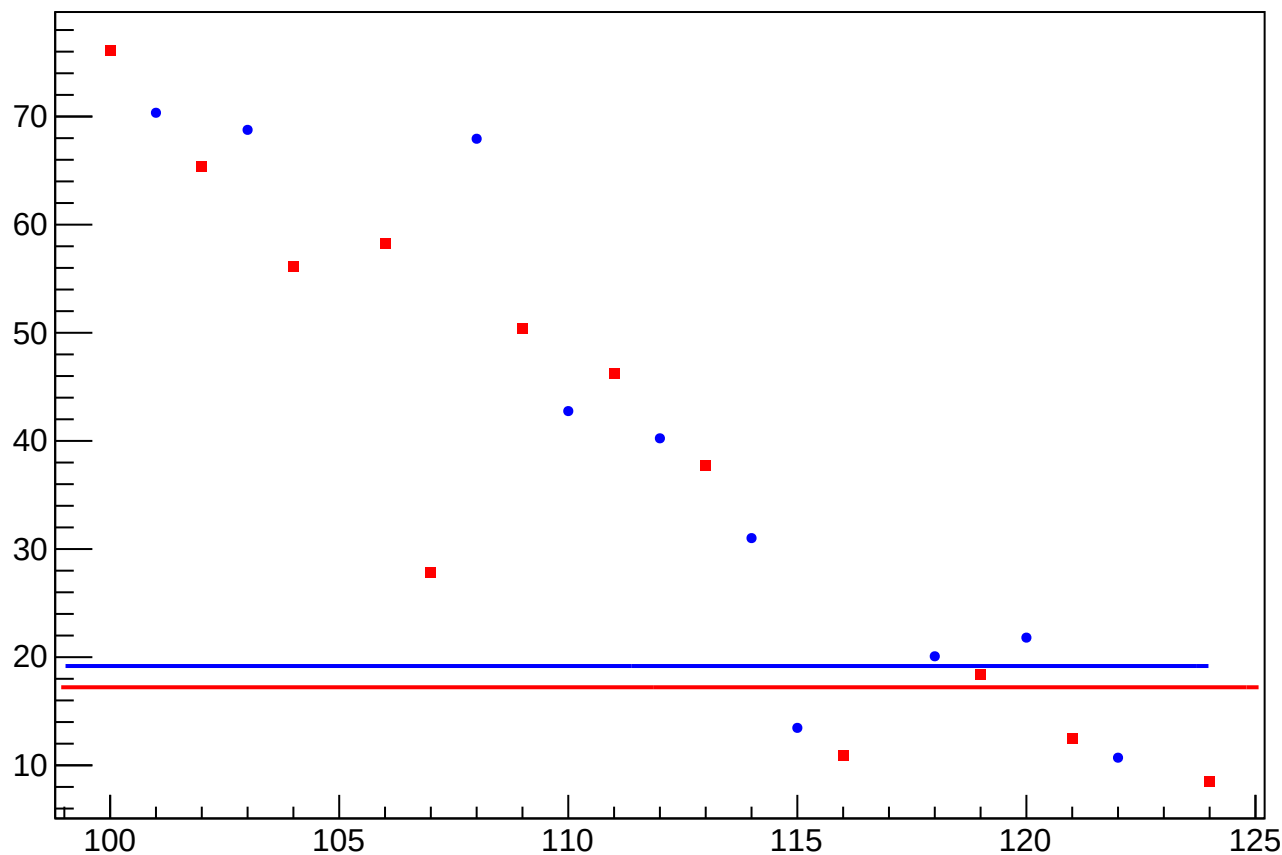
Right: -0.009+/-0.008 χ^2/NDF : 22.7/21

In: -0.003+/-0.012 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.008 χ^2/NDF : 22.7/21

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.182+/-0.009 χ^2/NDF : 2744844.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.217+/-0.007 χ^2/NDF : 3148620.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

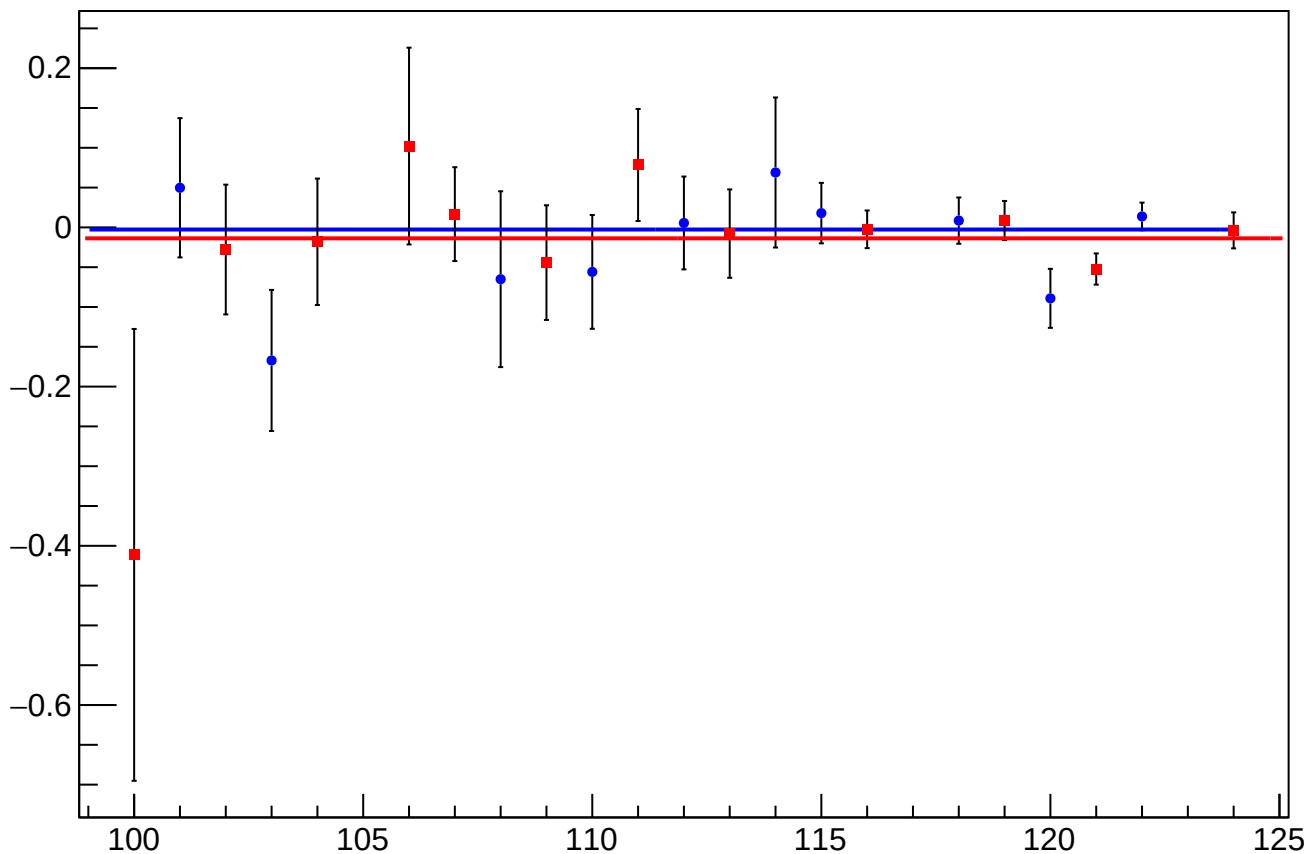
Right: 18.047+/-0.006 χ^2/NDF : 5924091.0/21

In: 19.182+/-0.009 χ^2/NDF : 2744844.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.047+/-0.006 χ^2/NDF : 5924091.0/21

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.012 χ^2/NDF : 12.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.010 χ^2/NDF : 10.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

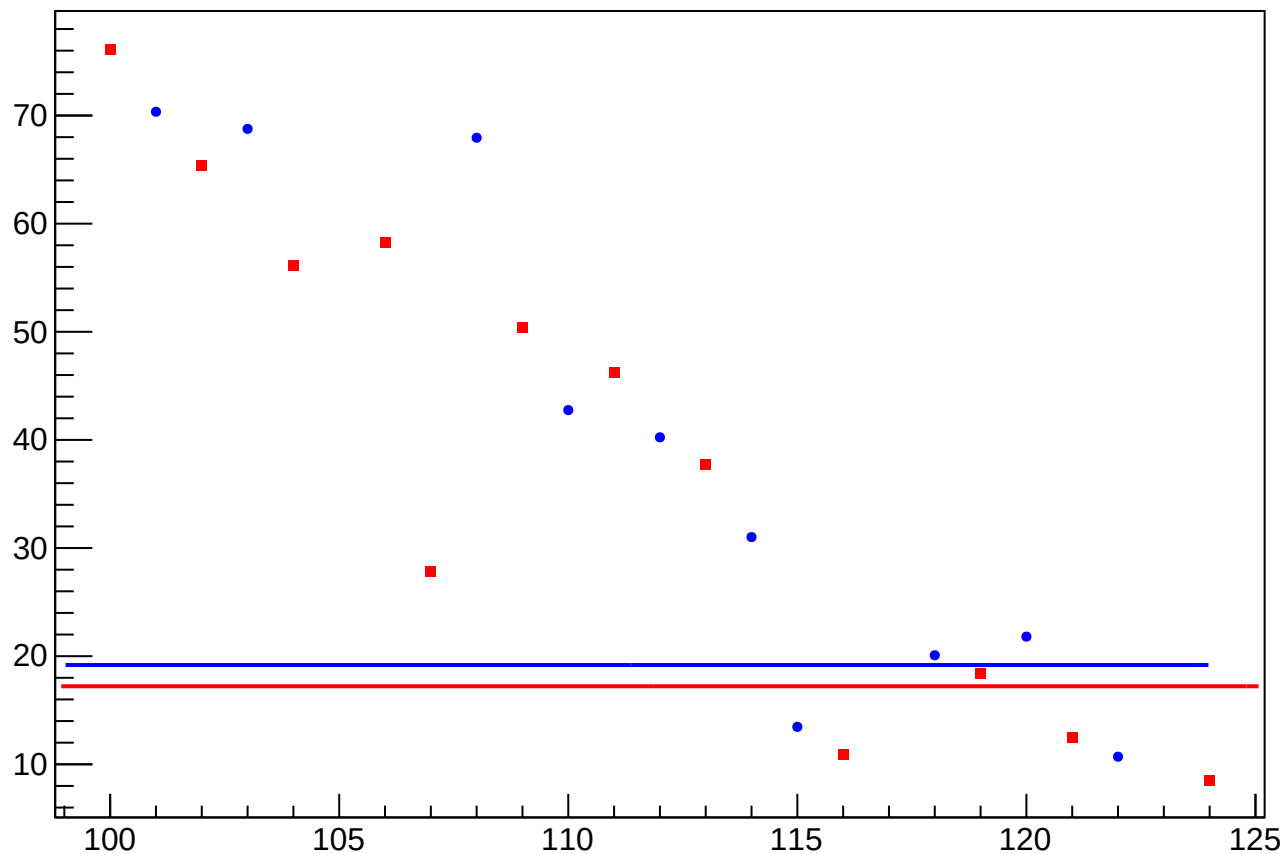
Right: -0.009 ± 0.008 χ^2/NDF : 22.7/21

In: -0.003 ± 0.012 χ^2/NDF : 12.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.008 χ^2/NDF : 22.7/21

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.182+/-0.009 χ^2/NDF : 2744844.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.217+/-0.007 χ^2/NDF : 3148620.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

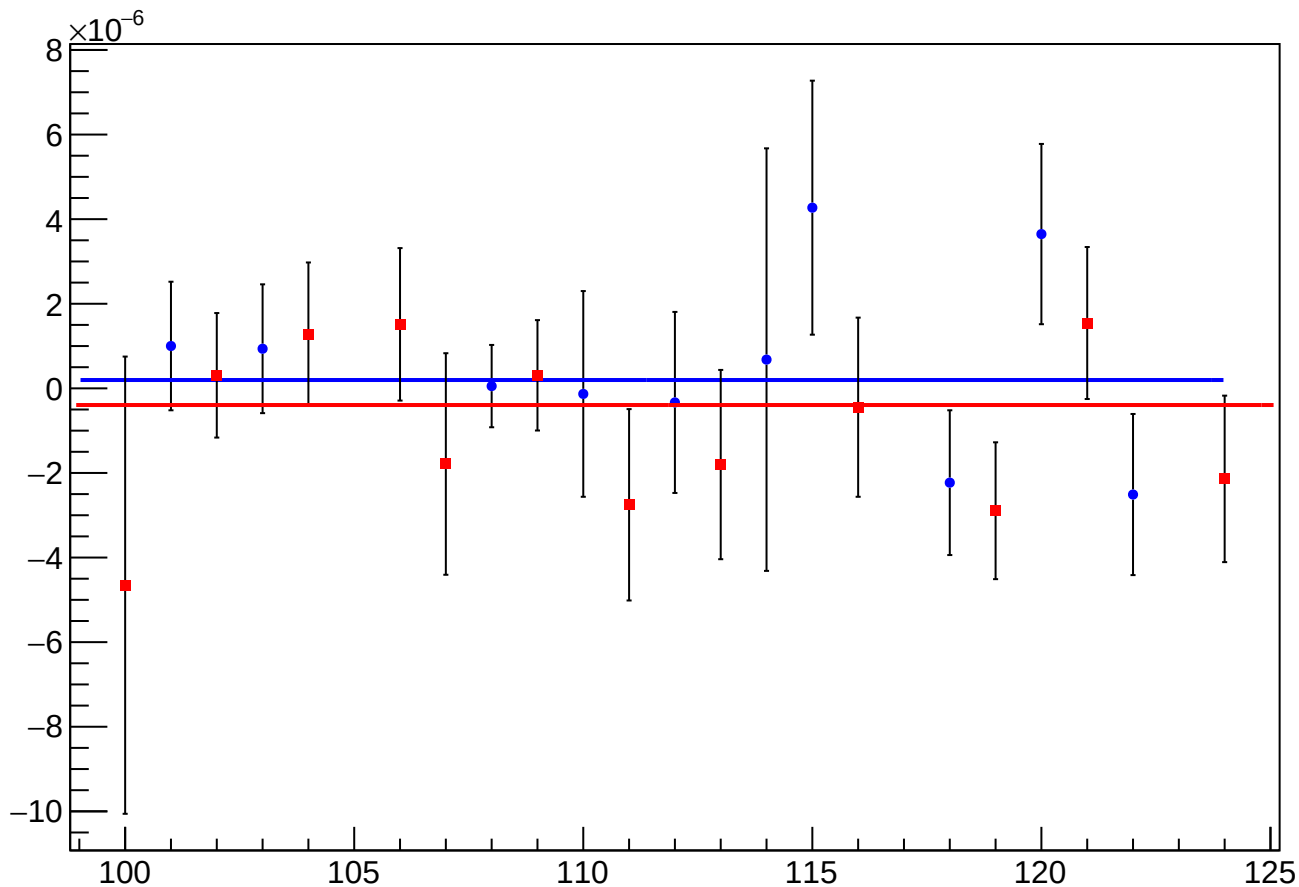
Right: 18.047+/-0.006 χ^2/NDF : 5924091.0/21

In: 19.182+/-0.009 χ^2/NDF : 2744844.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.047+/-0.006 χ^2/NDF : 5924091.0/21

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

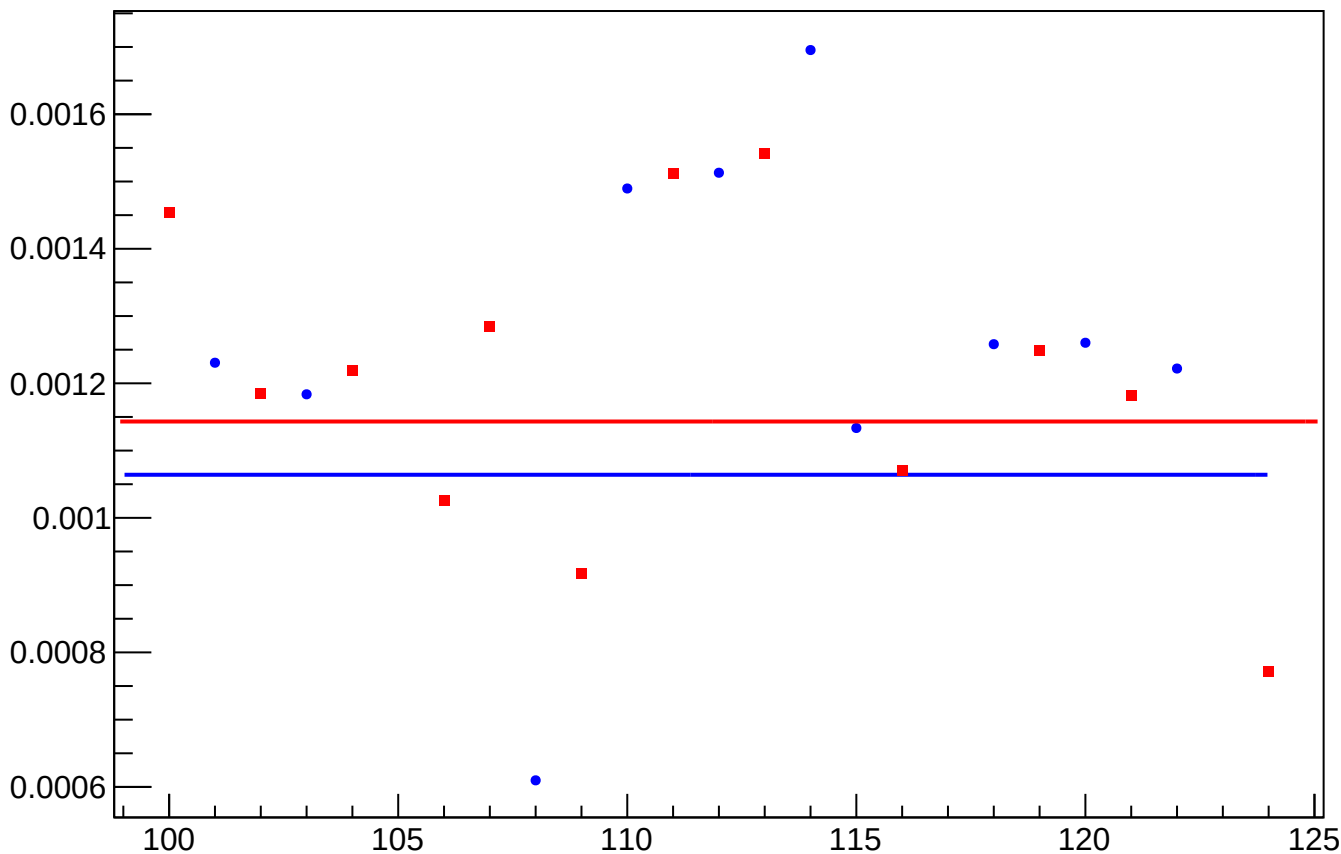
Right: -0.000+/-0.000 χ^2/NDF : 19.1/21

In: 0.000+/-0.000 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.1/21

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 711018.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 286286.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

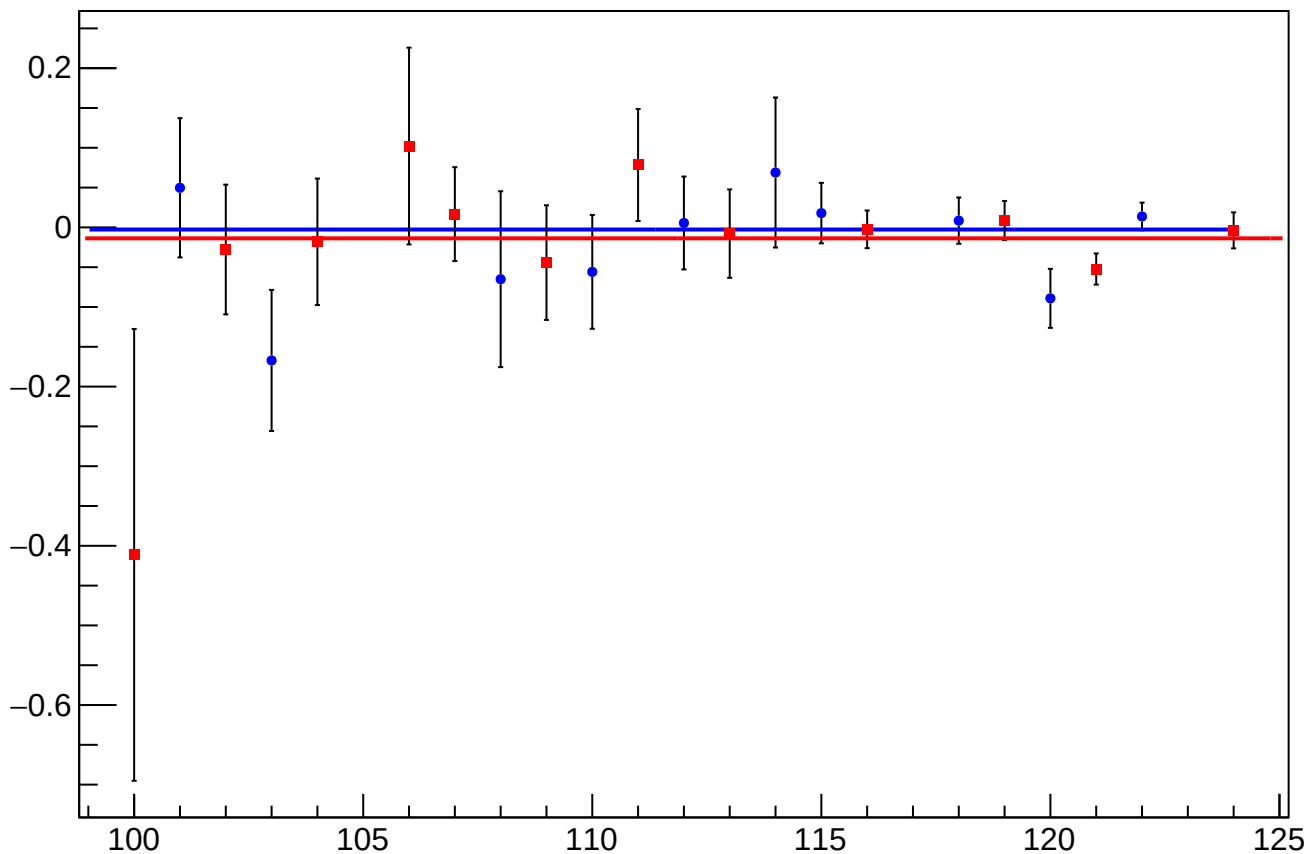
Right: 0.001+/-0.000 χ^2/NDF : 1018448.1/21

In: 0.001+/-0.000 χ^2/NDF : 711018.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1018448.1/21

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.012 χ^2/NDF : 12.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.010 χ^2/NDF : 10.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

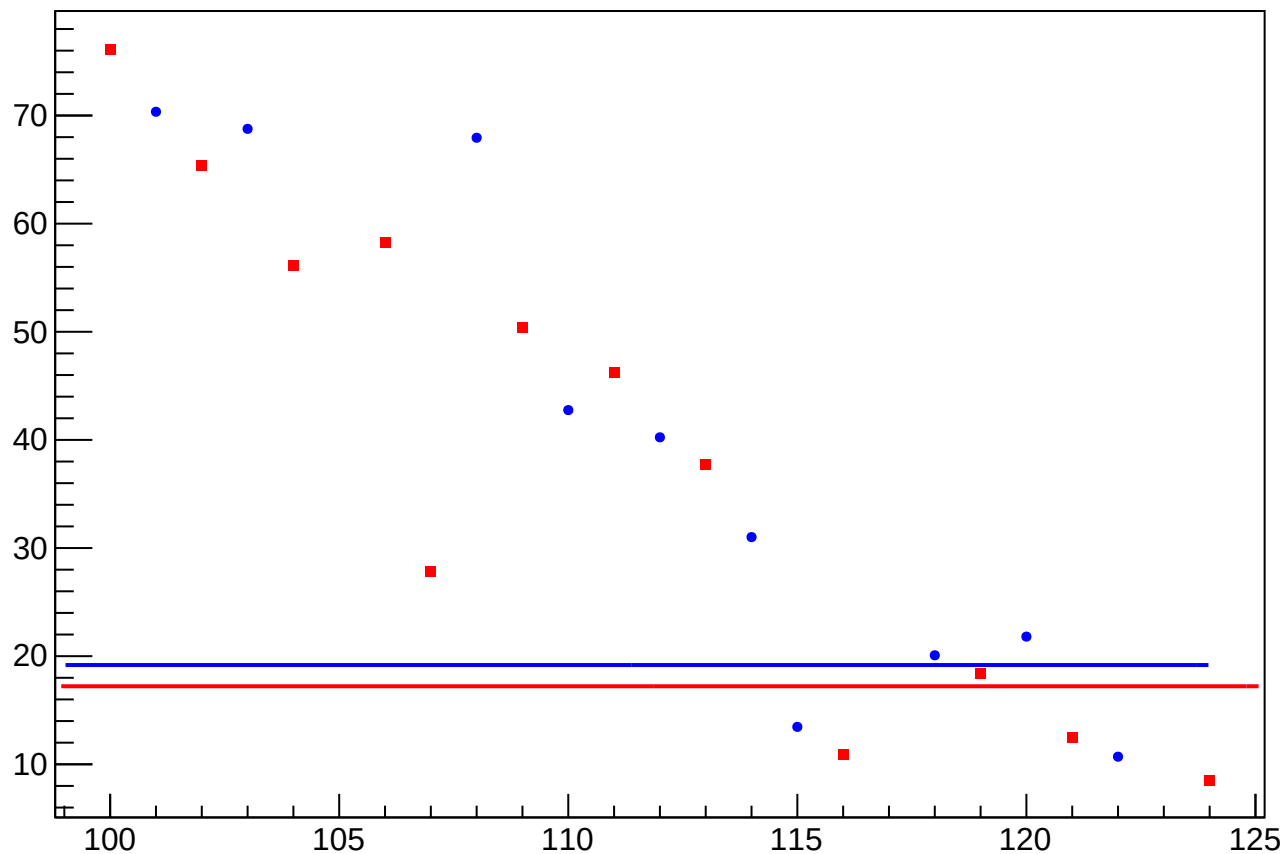
Right: -0.009+/-0.008 χ^2/NDF : 22.7/21

In: -0.003+/-0.012 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.008 χ^2/NDF : 22.7/21

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.181+/-0.009 χ^2/NDF : 2744949.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.217+/-0.007 χ^2/NDF : 3148647.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

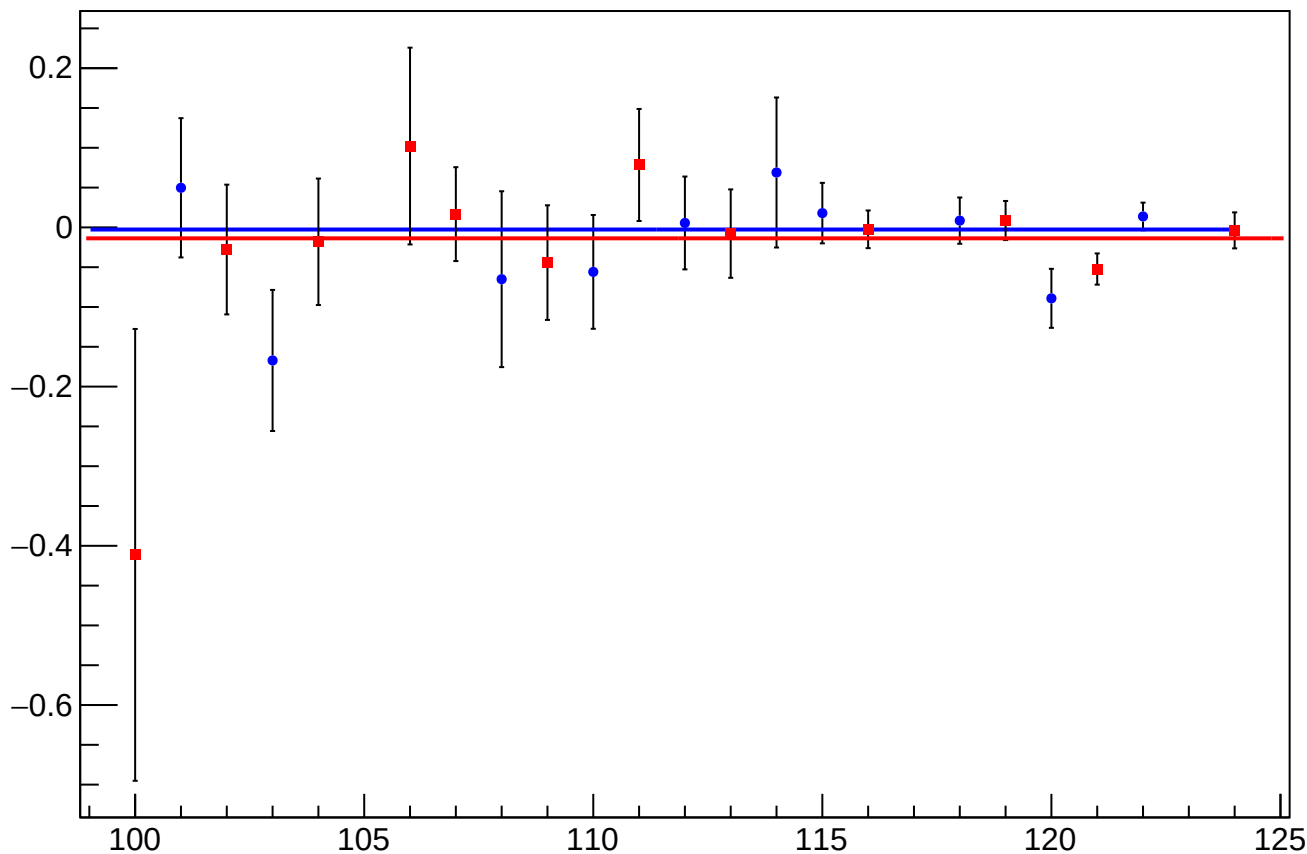
Right: 18.046+/-0.006 χ^2/NDF : 5924208.6/21

In: 19.181+/-0.009 χ^2/NDF : 2744949.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.046+/-0.006 χ^2/NDF : 5924208.6/21

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.012 χ^2/NDF : 12.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.010 χ^2/NDF : 10.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

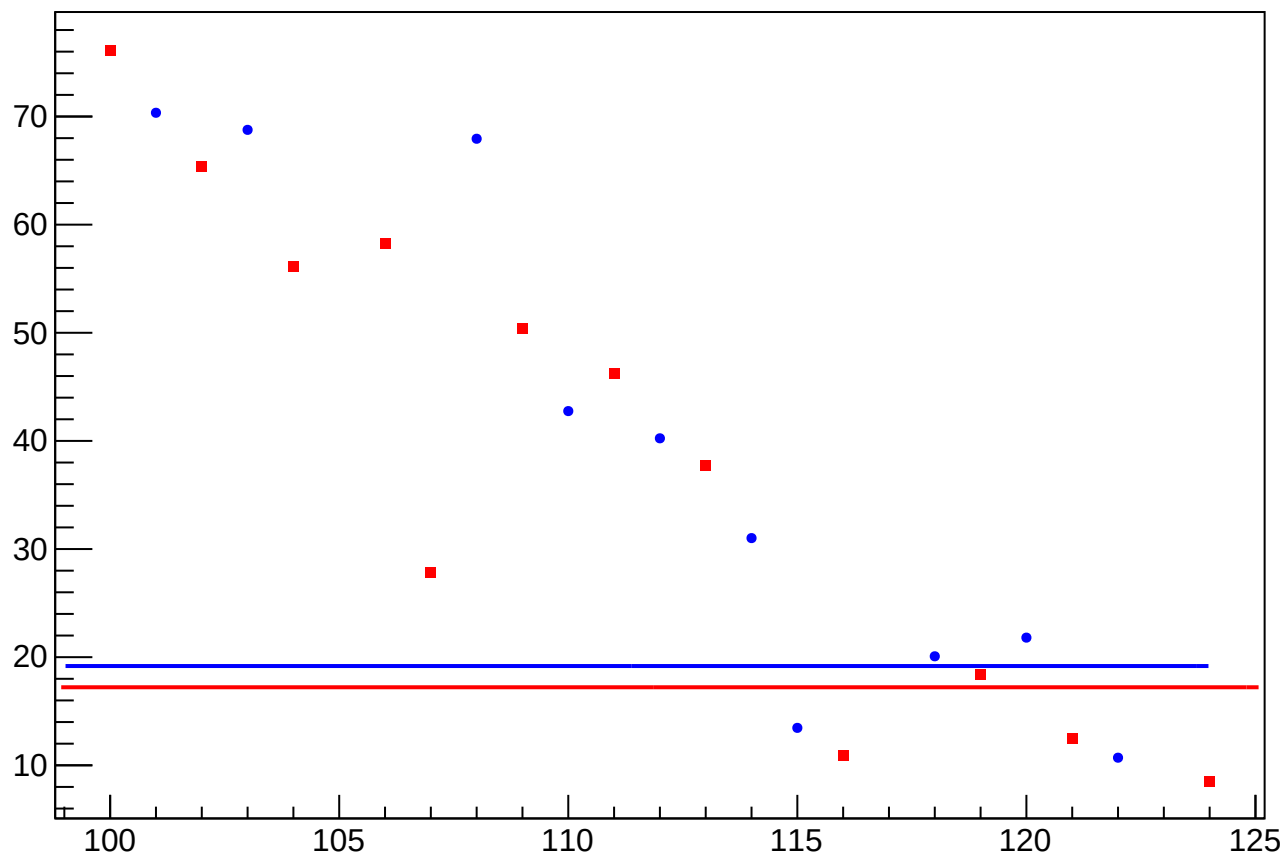
Right: -0.009+/-0.008 χ^2/NDF : 22.7/21

In: -0.003+/-0.012 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.008 χ^2/NDF : 22.7/21

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.181+/-0.009 χ^2/NDF : 2744949.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.217+/-0.007 χ^2/NDF : 3148647.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

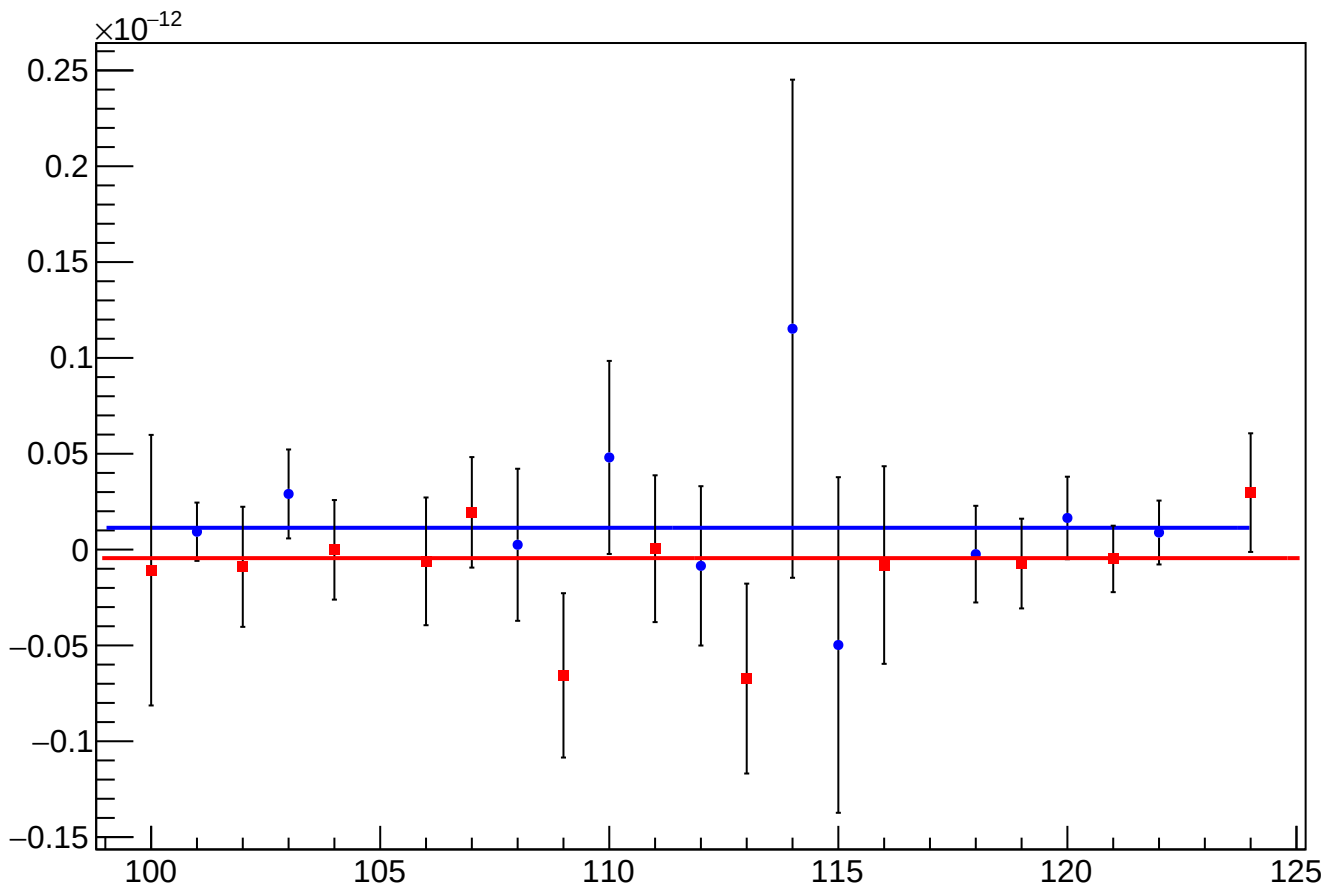
Right: 18.046+/-0.006 χ^2/NDF : 5924208.6/21

In: 19.181+/-0.009 χ^2/NDF : 2744949.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.046+/-0.006 χ^2/NDF : 5924208.6/21

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

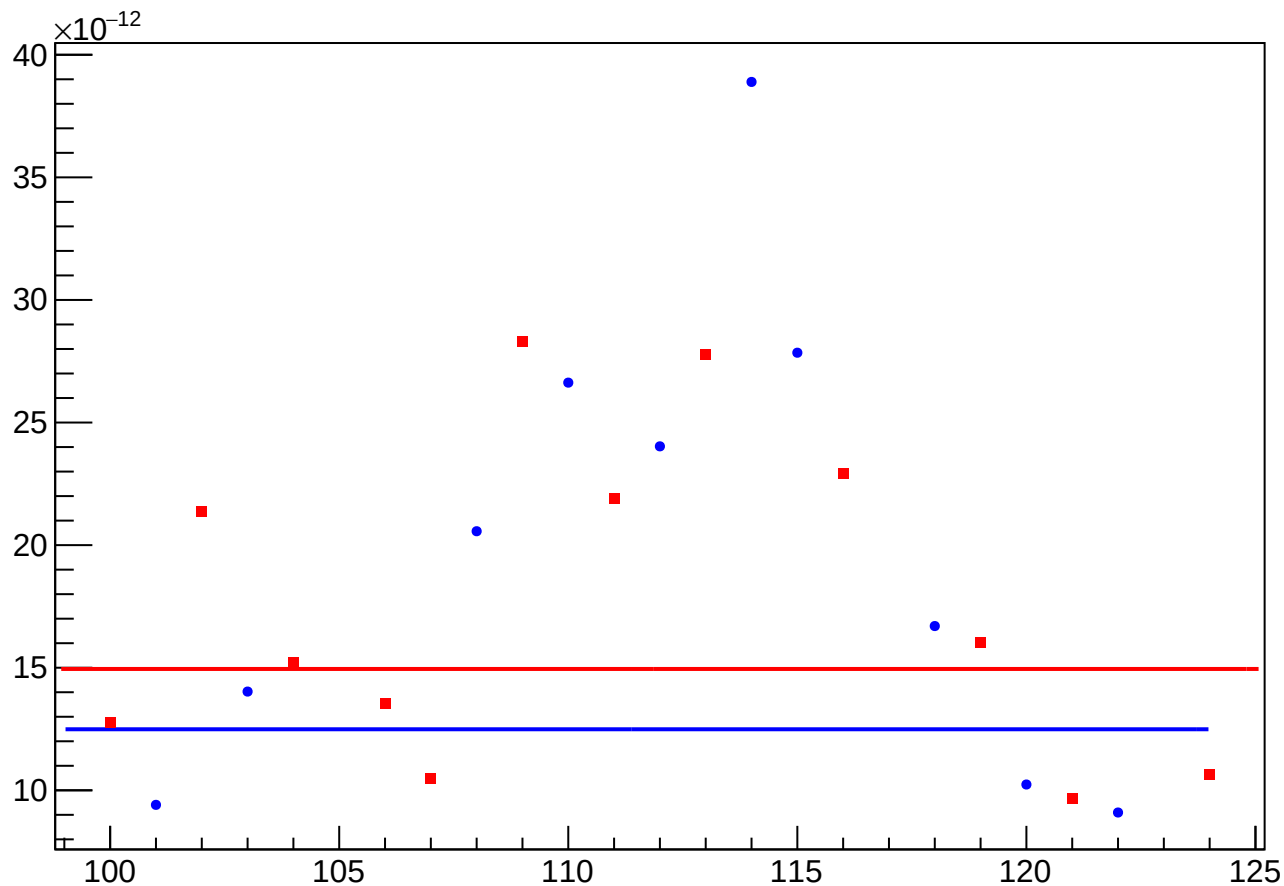
Right: 0.000+/-0.000 χ^2/NDF : 10.3/21

In: 0.000+/-0.000 χ^2/NDF : 2.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.3/21

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 790546.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 808932.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

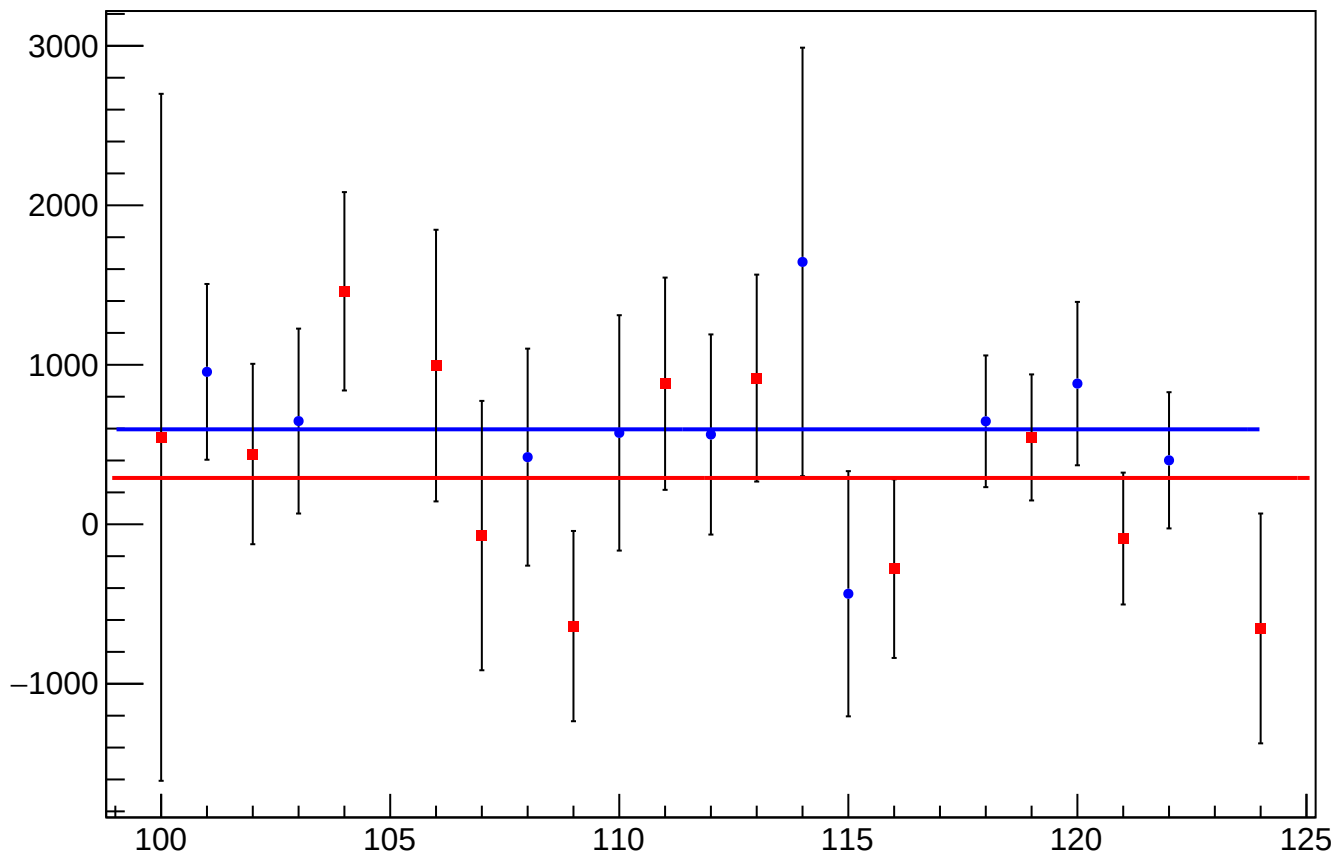
Right: 0.000+/-0.000 χ^2/NDF : 1684610.1/21

In: 0.000+/-0.000 χ^2/NDF : 790546.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1684610.1/21

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 595.447+/-181.938 χ^2/NDF : 3.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 290.523+/-172.718 χ^2/NDF : 12.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

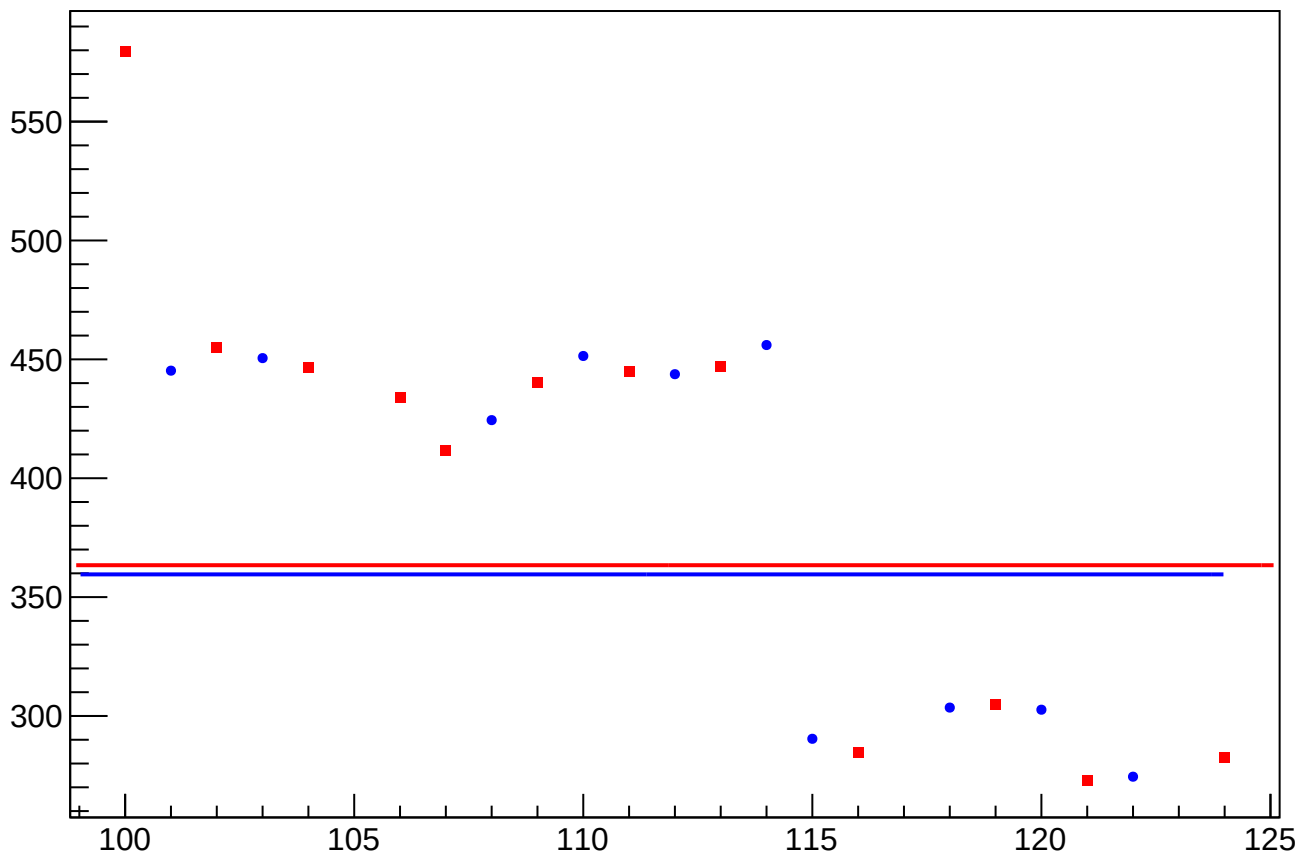
Right: 435.064+/-125.263 χ^2/NDF : 17.6/21

In: 595.447+/-181.938 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.064+/-125.263 χ^2/NDF : 17.6/21

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 359.556+/-0.129 χ^2/NDF : 350208.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.417+/-0.122 χ^2/NDF : 429380.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

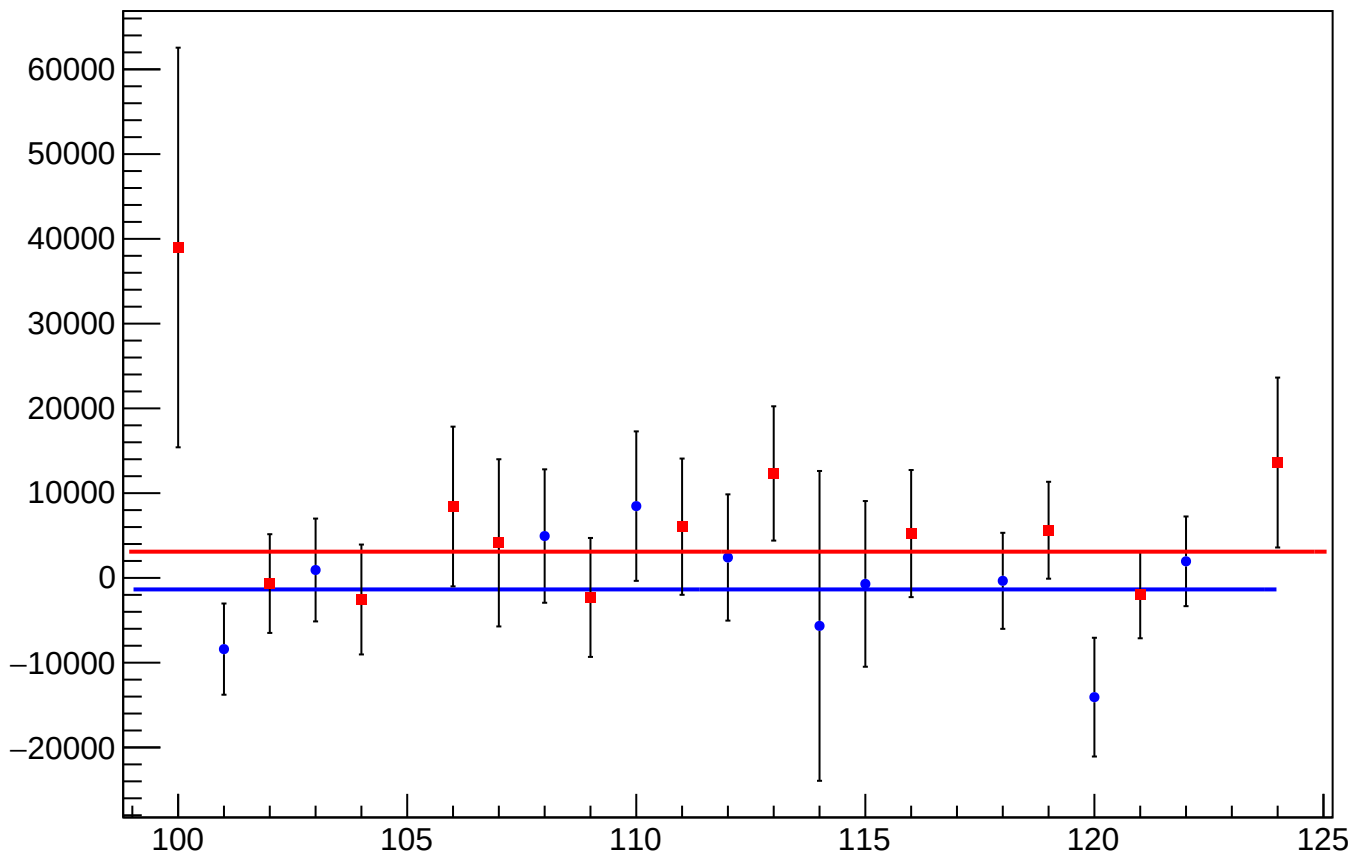
Right: 361.586+/-0.089 χ^2/NDF : 780062.5/21

In: 359.556+/-0.129 χ^2/NDF : 350208.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 361.586+/-0.089 χ^2/NDF : 780062.5/21

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1357.628+/-2184.845 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3096.054+/-2109.747 χ^2/NDF : 8.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

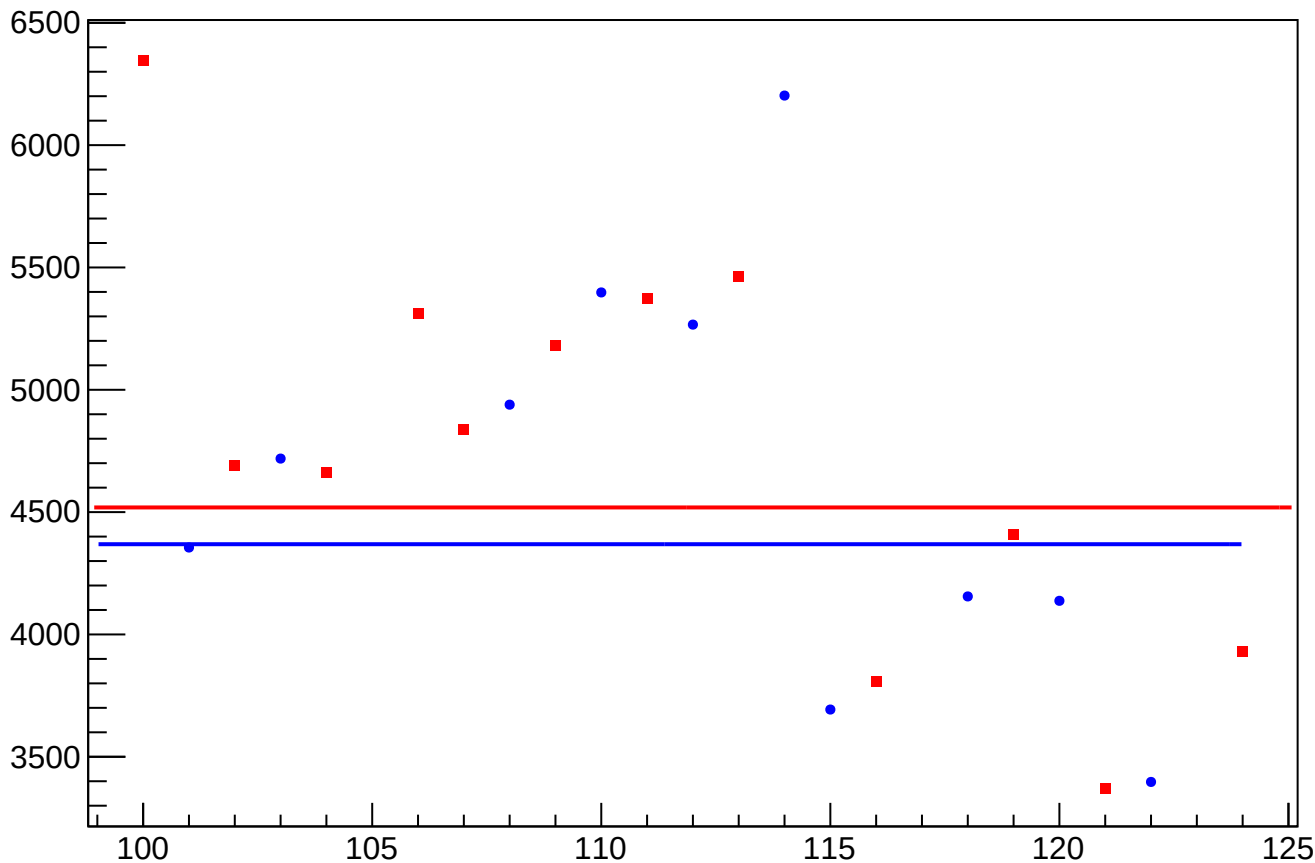
Right: 947.069+/-1517.671 χ^2/NDF : 18.2/21

In: -1357.628+/-2184.845 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 947.069+/-1517.671 χ^2/NDF : 18.2/21

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4368.825+/-1.545 χ^2/NDF : 175659.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4519.082+/-1.492 χ^2/NDF : 225666.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

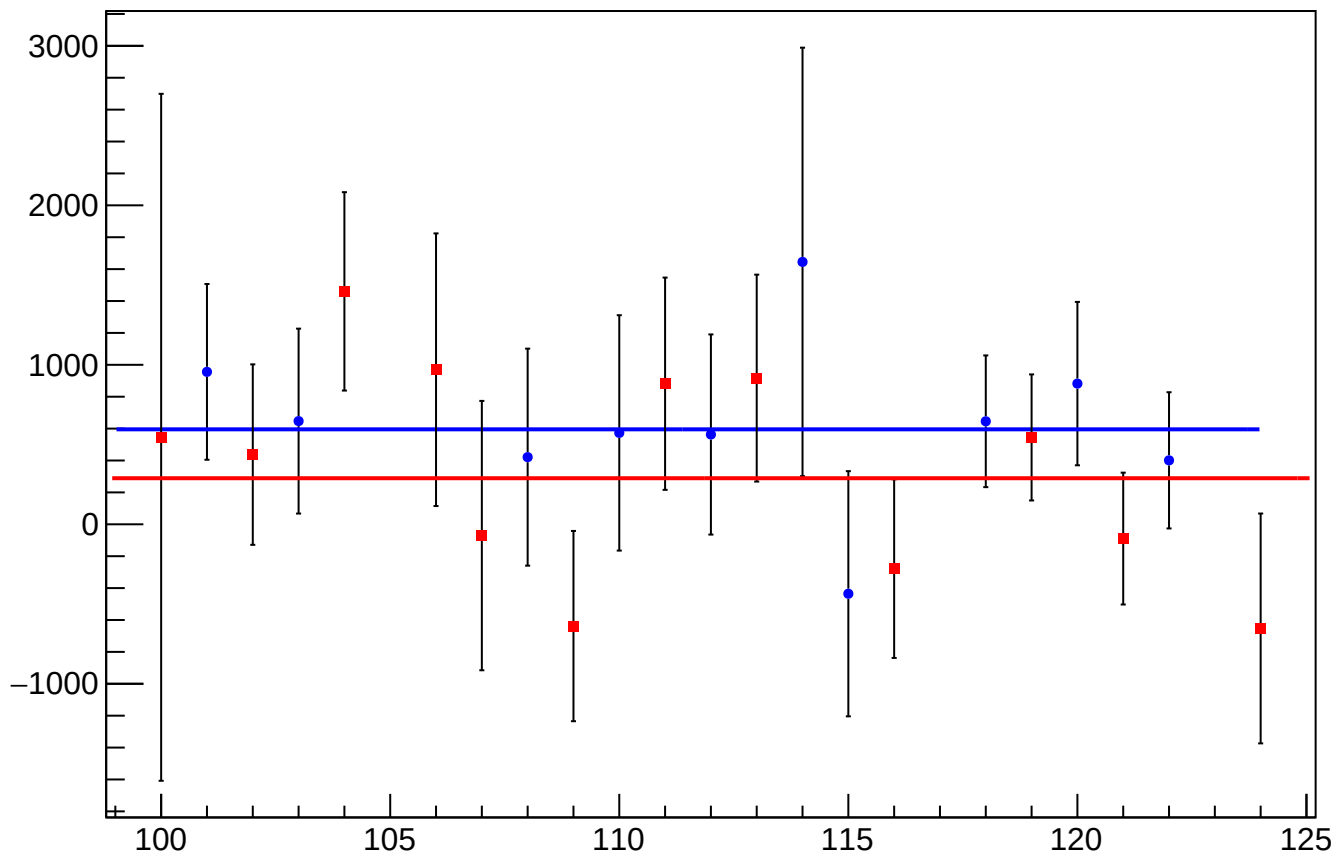
Right: 4446.580+/-1.073 χ^2/NDF : 406220.8/21

In: 4368.825+/-1.545 χ^2/NDF : 175659.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4446.580+/-1.073 χ^2/NDF : 406220.8/21

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 595.442 $\pm$ 181.938 χ^2 /NDF: 3.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 288.876 $\pm$ 172.751 χ^2 /NDF: 12.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

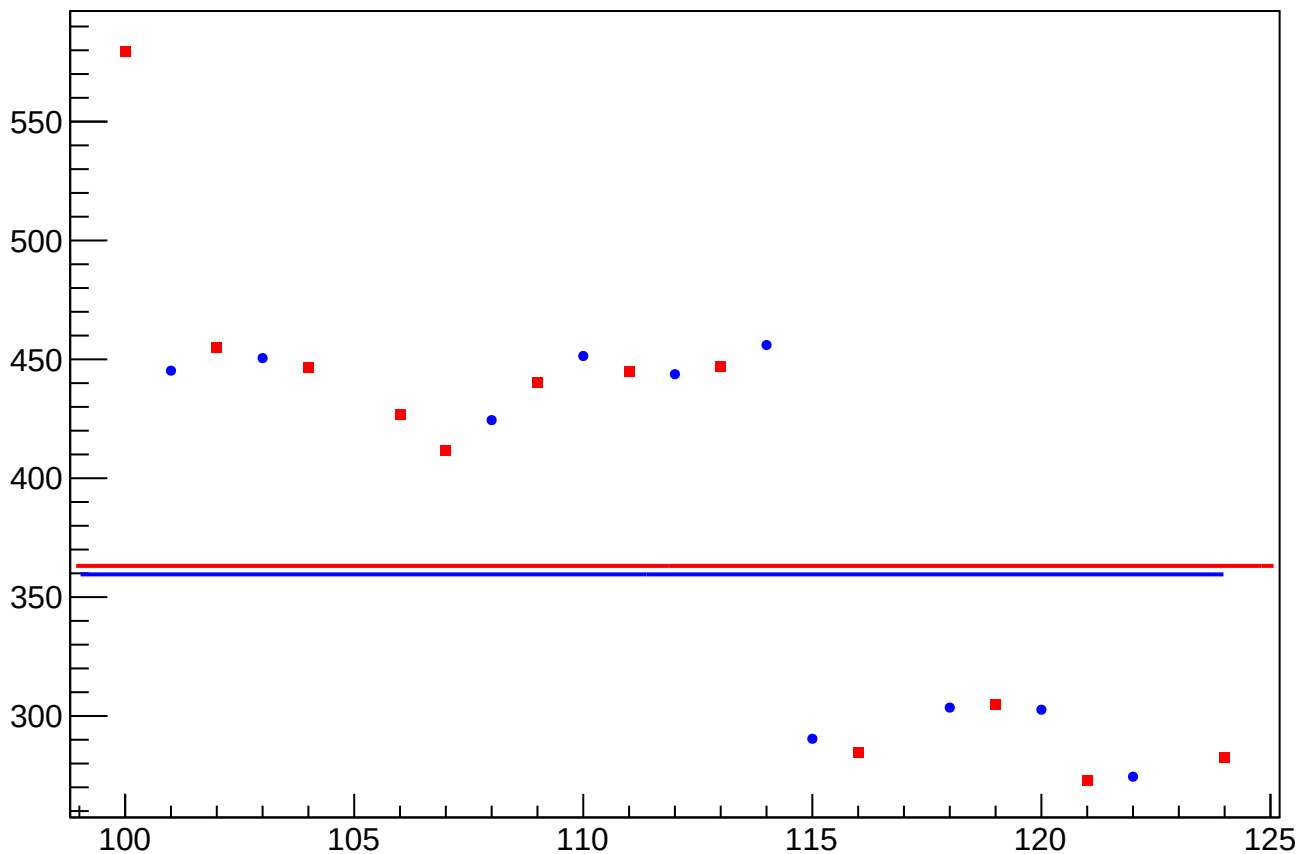
Right: 434.224 $\pm$ 125.276 χ^2 /NDF: 17.5/21

In: 595.442 $\pm$ 181.938 χ^2 /NDF:3.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 434.224 $\pm$ 125.276 χ^2 /NDF: 17.5/21

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 359.556+/-0.129 χ^2/NDF : 350209.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.128+/-0.122 χ^2/NDF : 426951.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

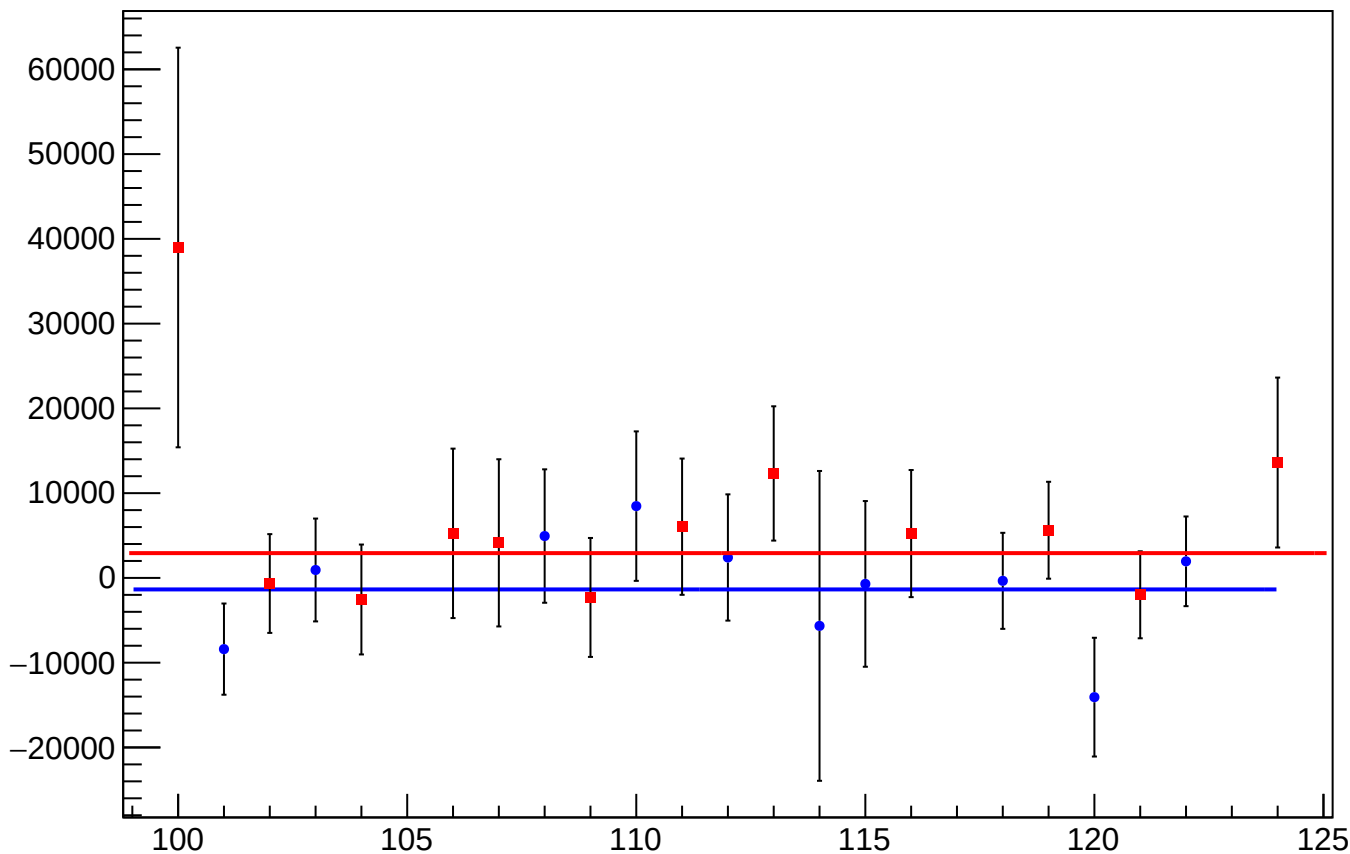
Right: 361.434+/-0.089 χ^2/NDF : 777566.4/21

In: 359.556+/-0.129 χ^2/NDF : 350209.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 361.434+/-0.089 χ^2/NDF : 777566.4/21

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1357.400+/-2184.856 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2925.624+/-2115.814 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

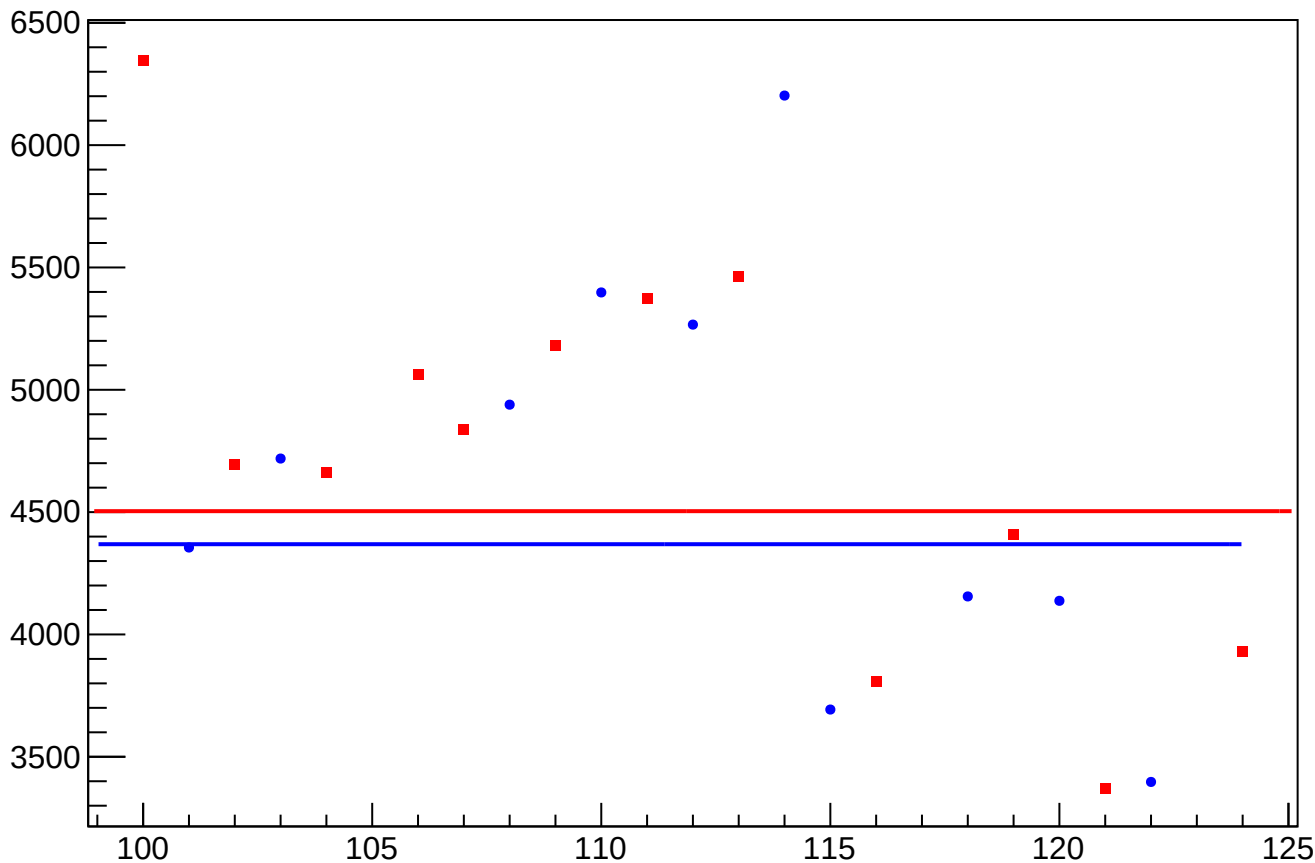
Right: 852.853+/-1519.929 χ^2/NDF : 17.7/21

In: -1357.400+/-2184.856 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 852.853+/-1519.929 χ^2/NDF : 17.7/21

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4368.844+/-1.545 χ^2/NDF : 175665.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4503.914+/-1.496 χ^2/NDF : 217460.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

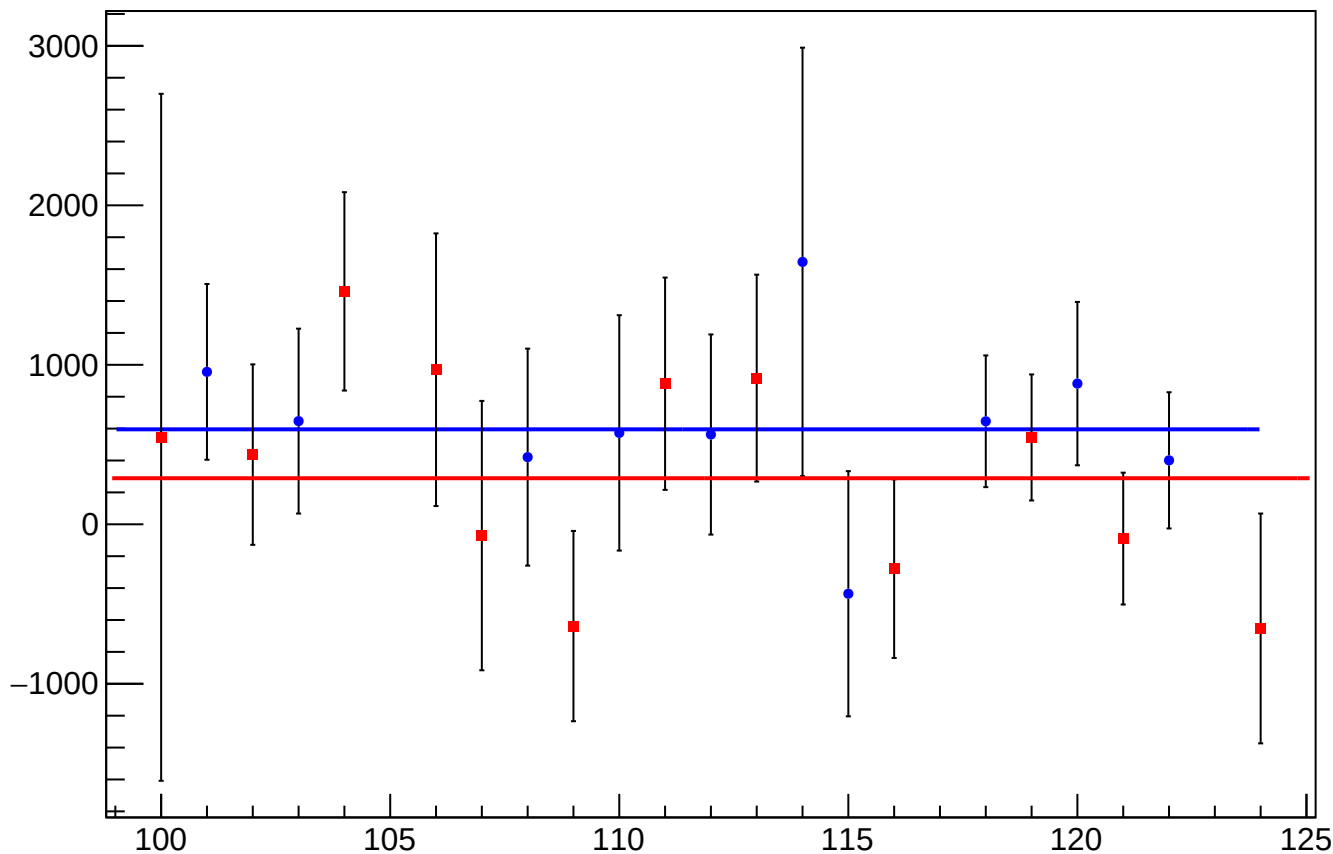
Right: 4438.547+/-1.075 χ^2/NDF : 397070.8/21

In: 4368.844+/-1.545 χ^2/NDF : 175665.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4438.547+/-1.075 χ^2/NDF : 397070.8/21

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 595.442 $\pm$ 181.938 χ^2 /NDF: 3.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 288.876 $\pm$ 172.751 χ^2 /NDF: 12.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

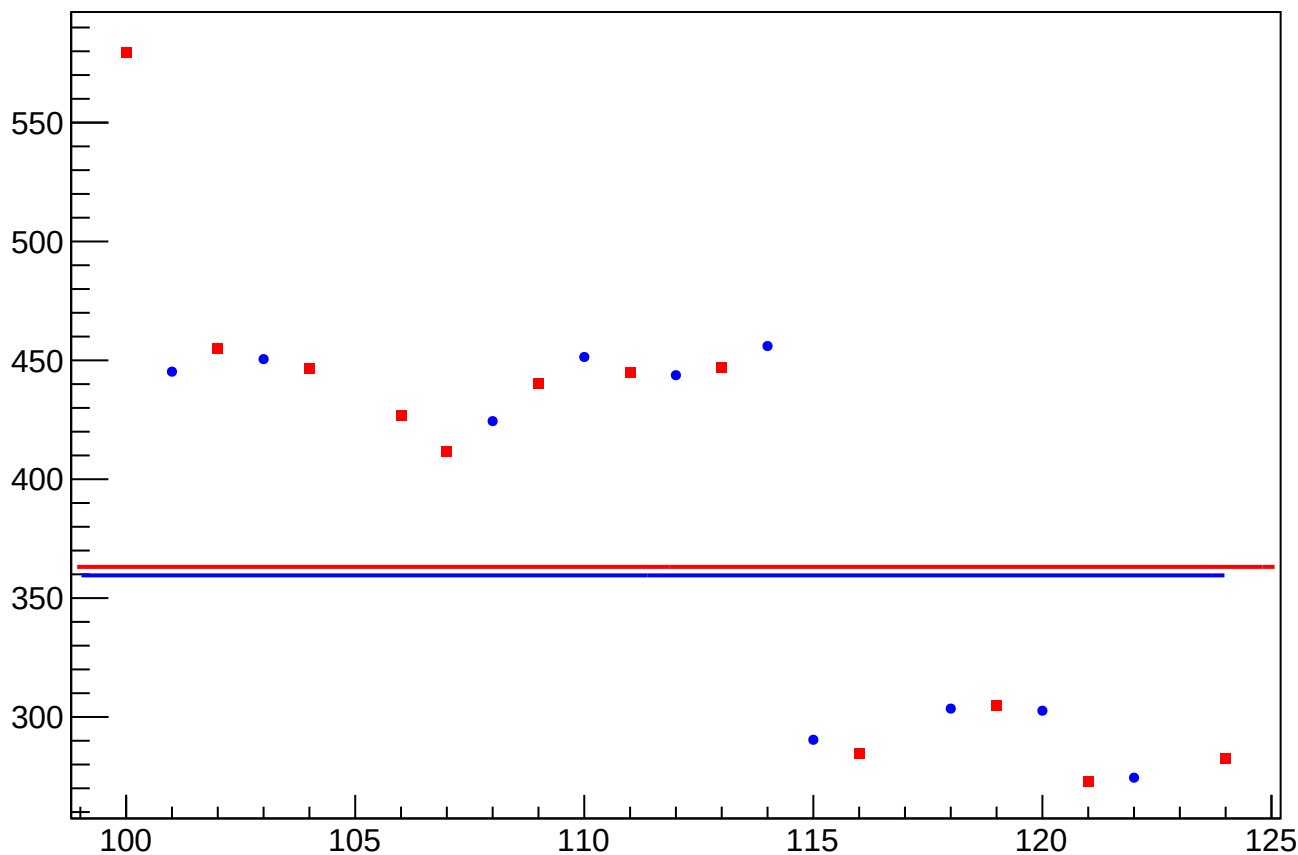
Right: 434.224 $\pm$ 125.276 χ^2 /NDF: 17.5/21

In: 595.442 $\pm$ 181.938 χ^2 /NDF:3.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 434.224 $\pm$ 125.276 χ^2 /NDF: 17.5/21

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 359.556+/-0.129 χ^2/NDF : 350209.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.128+/-0.122 χ^2/NDF : 426951.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

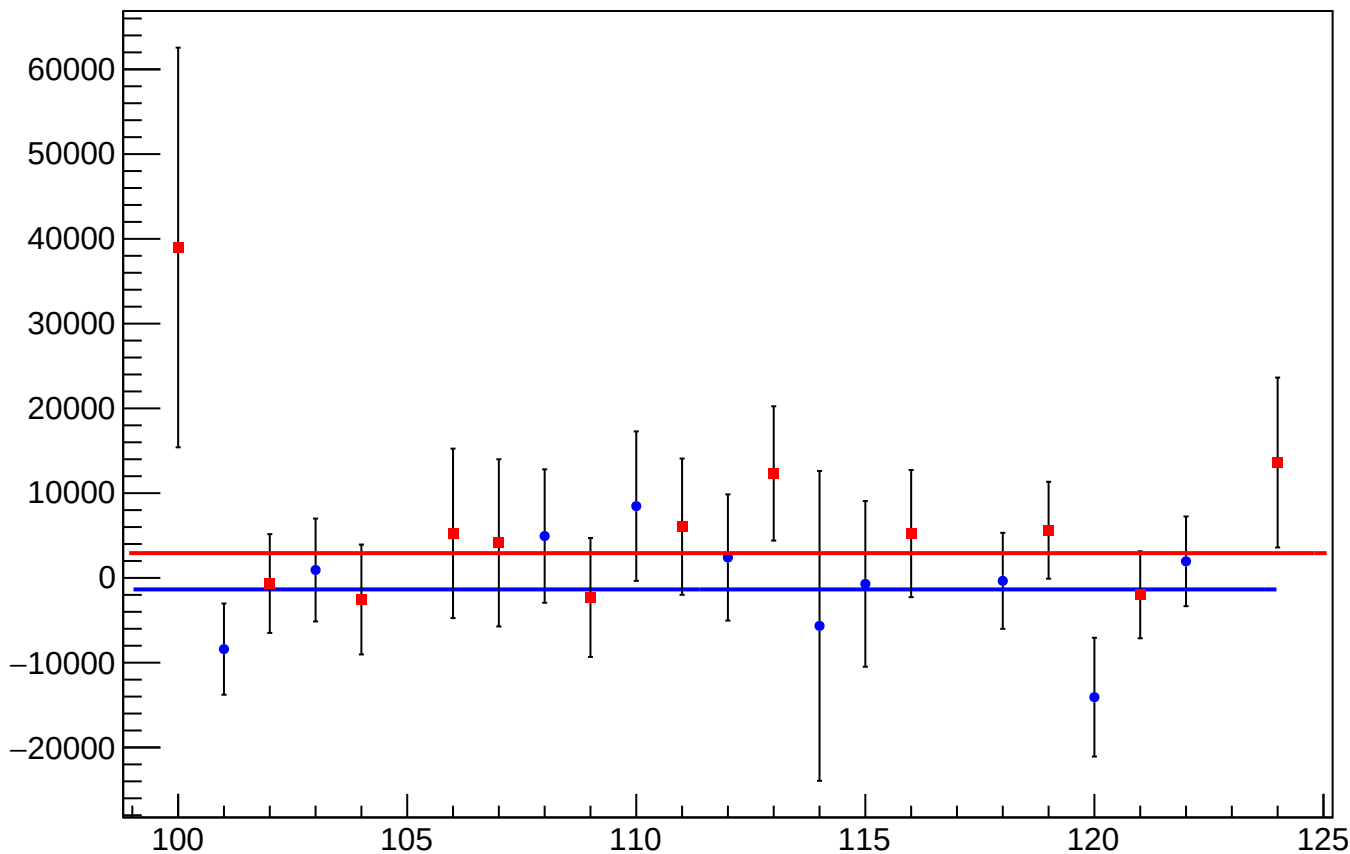
Right: 361.434+/-0.089 χ^2/NDF : 777566.4/21

In: 359.556+/-0.129 χ^2/NDF : 350209.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 361.434+/-0.089 χ^2/NDF : 777566.4/21

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1357.400+/-2184.856 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2925.624+/-2115.814 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

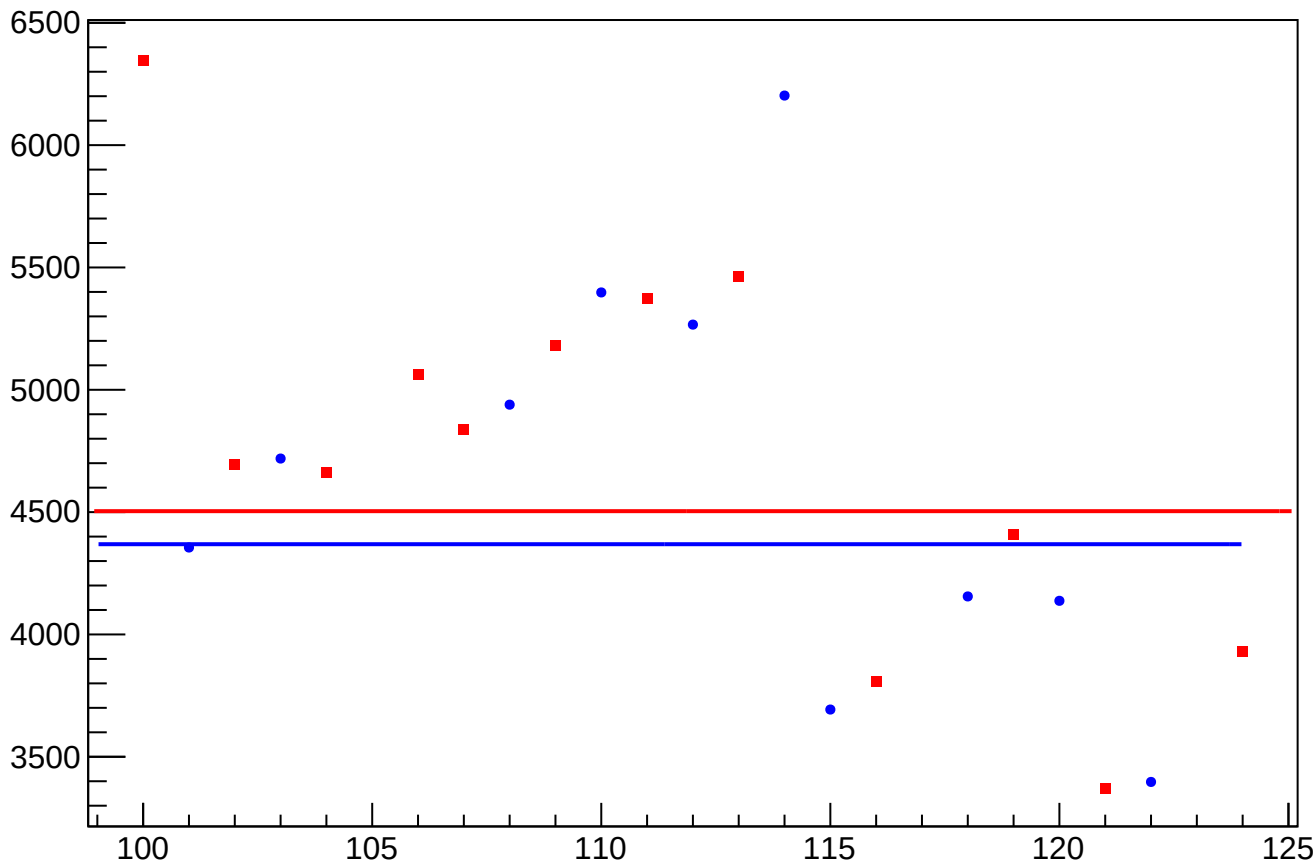
Right: 852.853+/-1519.929 χ^2/NDF : 17.7/21

In: -1357.400+/-2184.856 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 852.853+/-1519.929 χ^2/NDF : 17.7/21

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4368.844+/-1.545 χ^2/NDF : 175665.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4503.914+/-1.496 χ^2/NDF : 217460.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

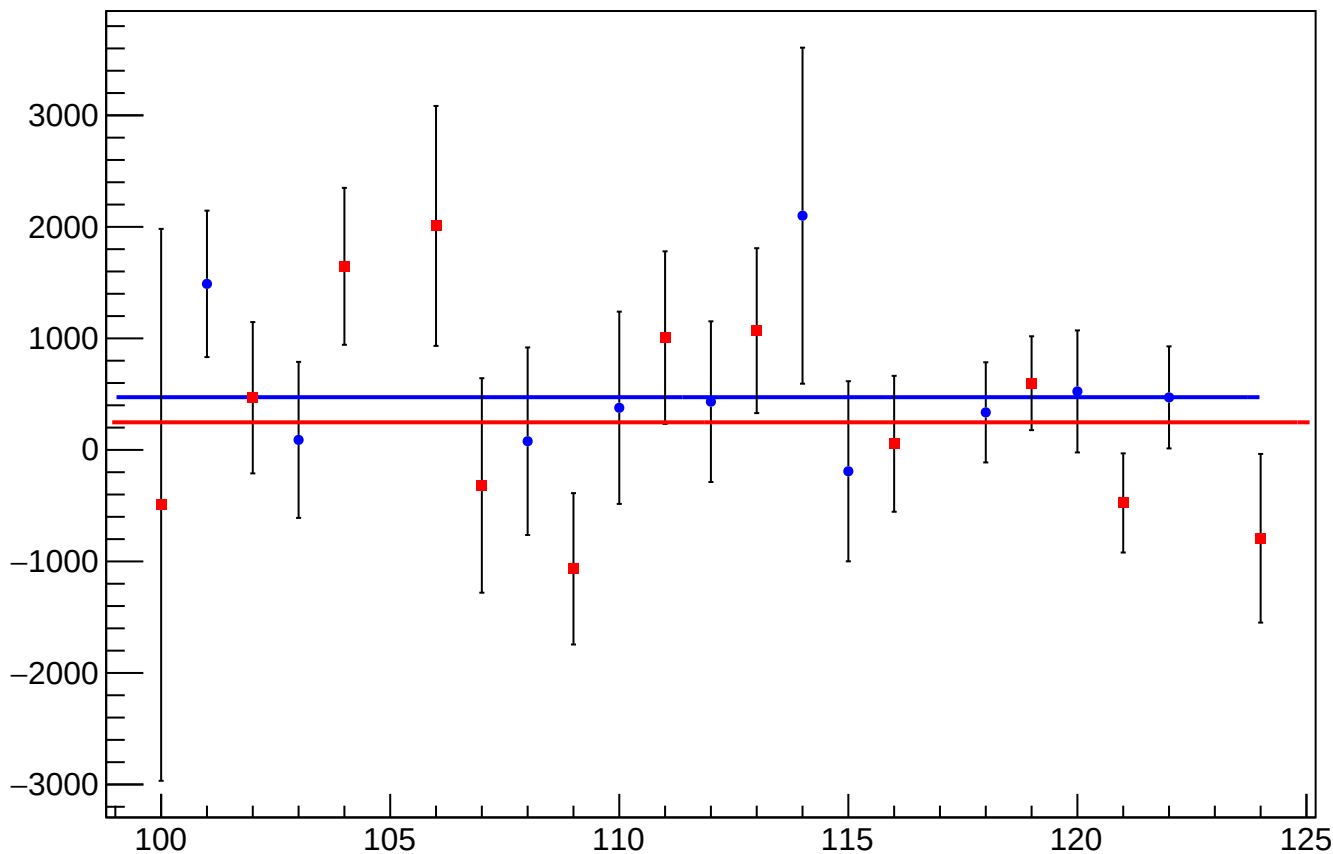
Right: 4438.547+/-1.075 χ^2/NDF : 397070.8/21

In: 4368.844+/-1.545 χ^2/NDF : 175665.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4438.547+/-1.075 χ^2/NDF : 397070.8/21

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 472.724+/-203.701 χ^2/NDF : 4.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 247.478+/-192.025 χ^2/NDF : 18.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

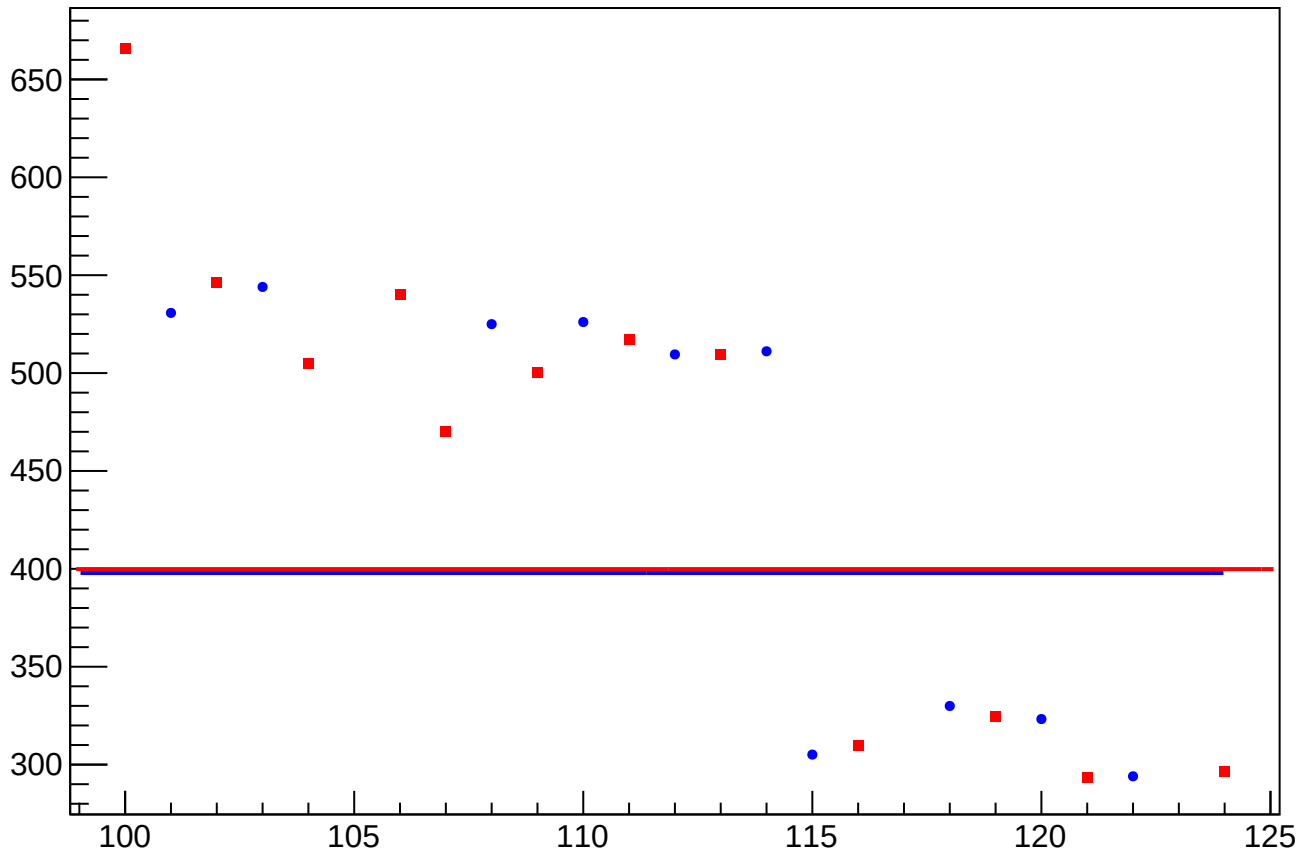
Right: 353.461+/-139.728 χ^2/NDF : 24.0/21

In: 472.724+/-203.701 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.461+/-139.728 χ^2/NDF : 24.0/21

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 397.862+/-0.144 χ^2/NDF : 530790.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 399.873+/-0.136 χ^2/NDF : 598686.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

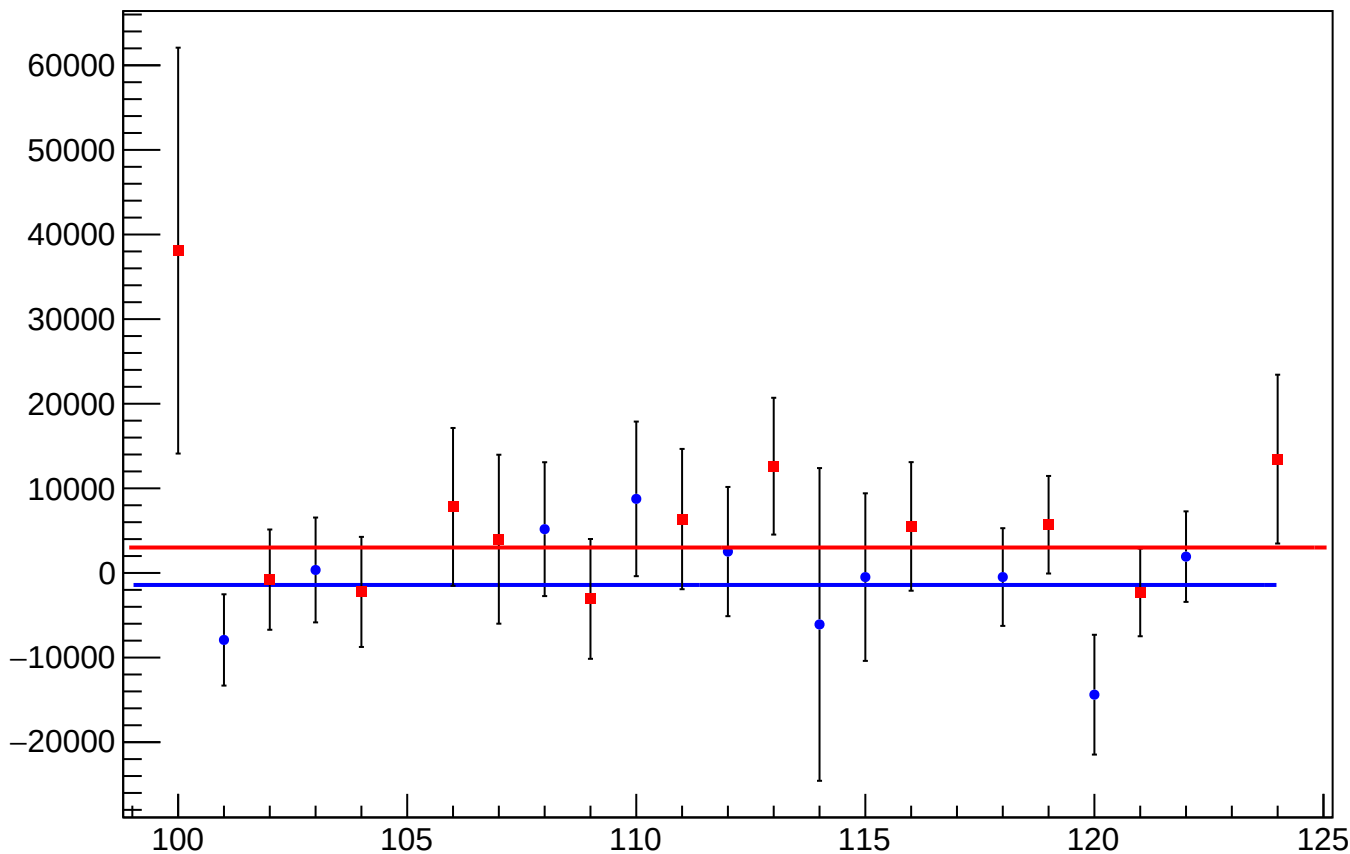
Right: 398.927+/-0.099 χ^2/NDF : 1129580.0/21

In: 397.862+/-0.144 χ^2/NDF :530790.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 398.927+/-0.099 χ^2/NDF : 1129580.0/21

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1418.078+/-2216.634 χ^2 /NDF: 7.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3007.809+/-2132.610 χ^2 /NDF: 8.3/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

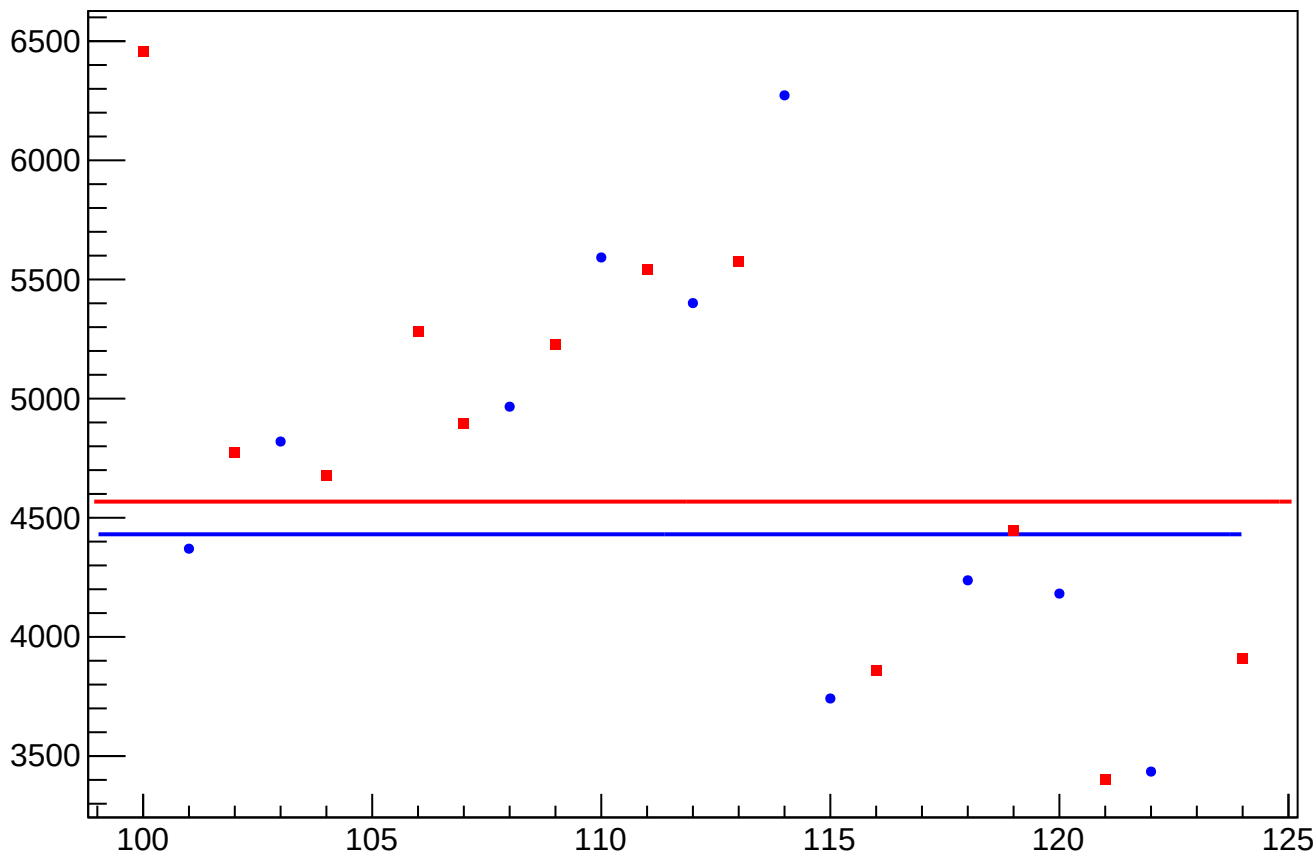
Right: 880.338+/-1536.829 χ^2 /NDF: 17.9/21

In: -1418.078+/-2216.634 χ^2 /NDF: 7.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 880.338+/-1536.829 χ^2 /NDF: 17.9/21

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4430.644+/-1.567 χ^2/NDF : 185476.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4567.804+/-1.508 χ^2/NDF : 233764.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

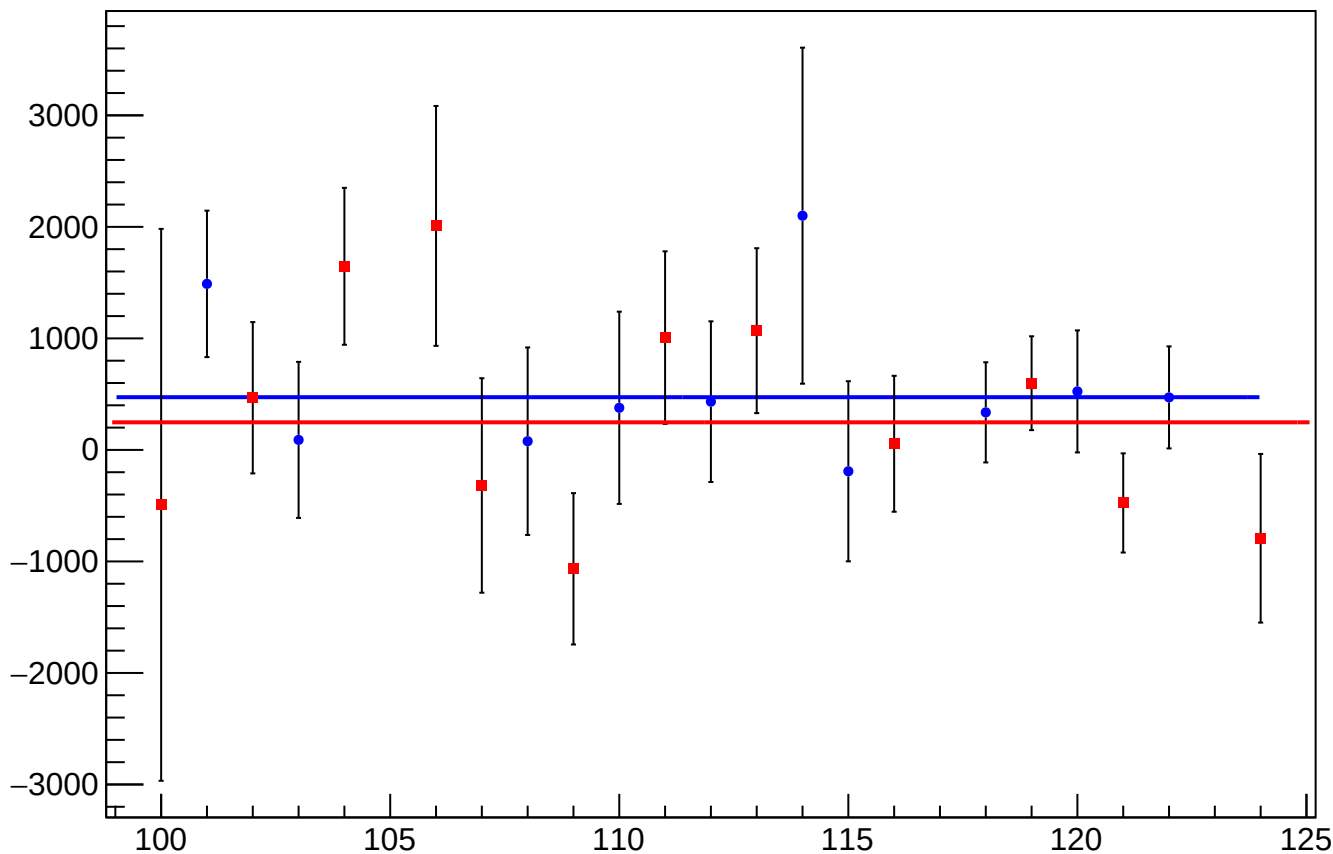
Right: 4501.873+/-1.087 χ^2/NDF : 423217.4/21

In: 4430.644+/-1.567 χ^2/NDF : 185476.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4501.873+/-1.087 χ^2/NDF : 423217.4/21

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 472.728 $\pm$ 203.700 χ^2 /NDF: 4.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 247.468 $\pm$ 192.024 χ^2 /NDF: 18.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

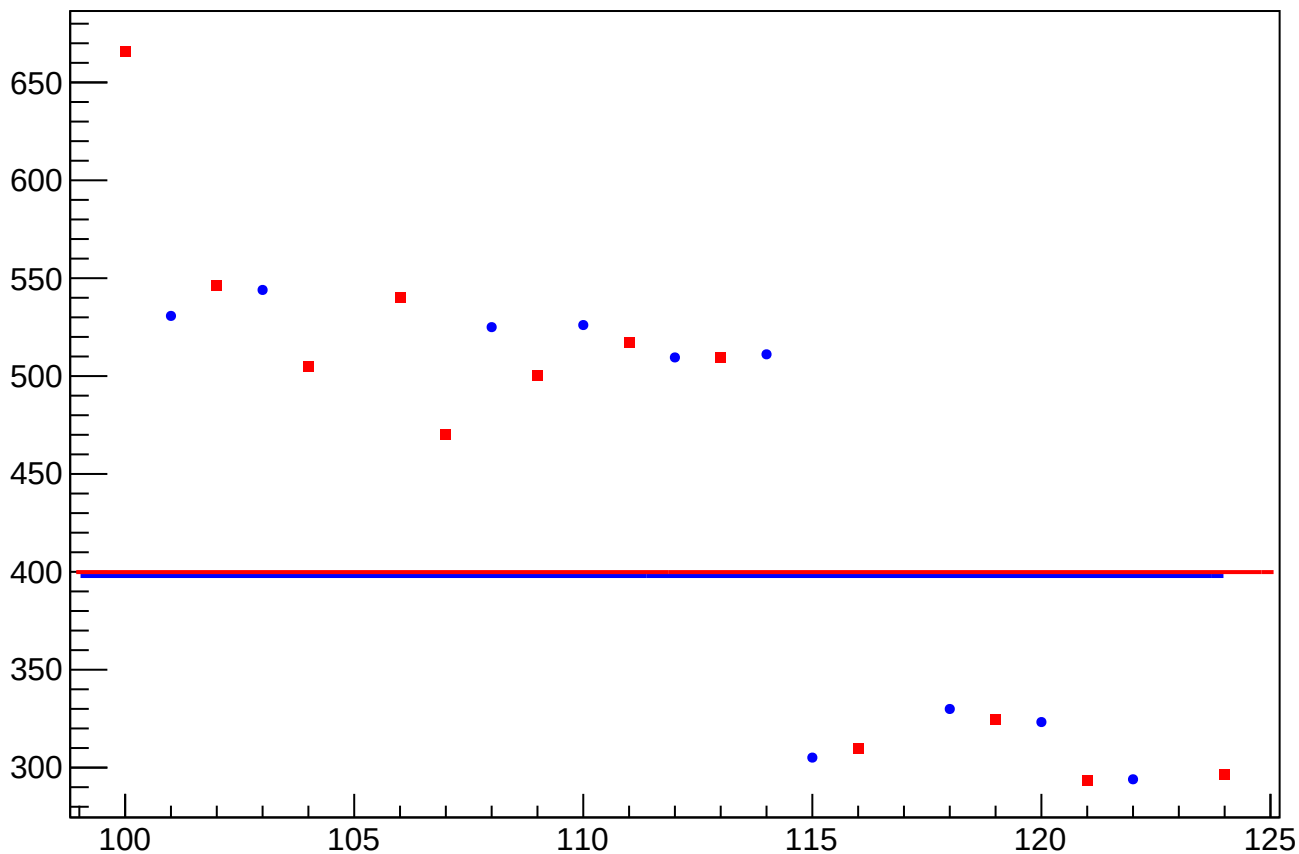
Right: 353.457 $\pm$ 139.727 χ^2 /NDF: 24.0/21

In: 472.728 $\pm$ 203.700 χ^2 /NDF:4.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 353.457 $\pm$ 139.727 χ^2 /NDF: 24.0/21

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 397.861+/-0.144 χ^2/NDF : 530780.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 399.872+/-0.136 χ^2/NDF : 598671.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

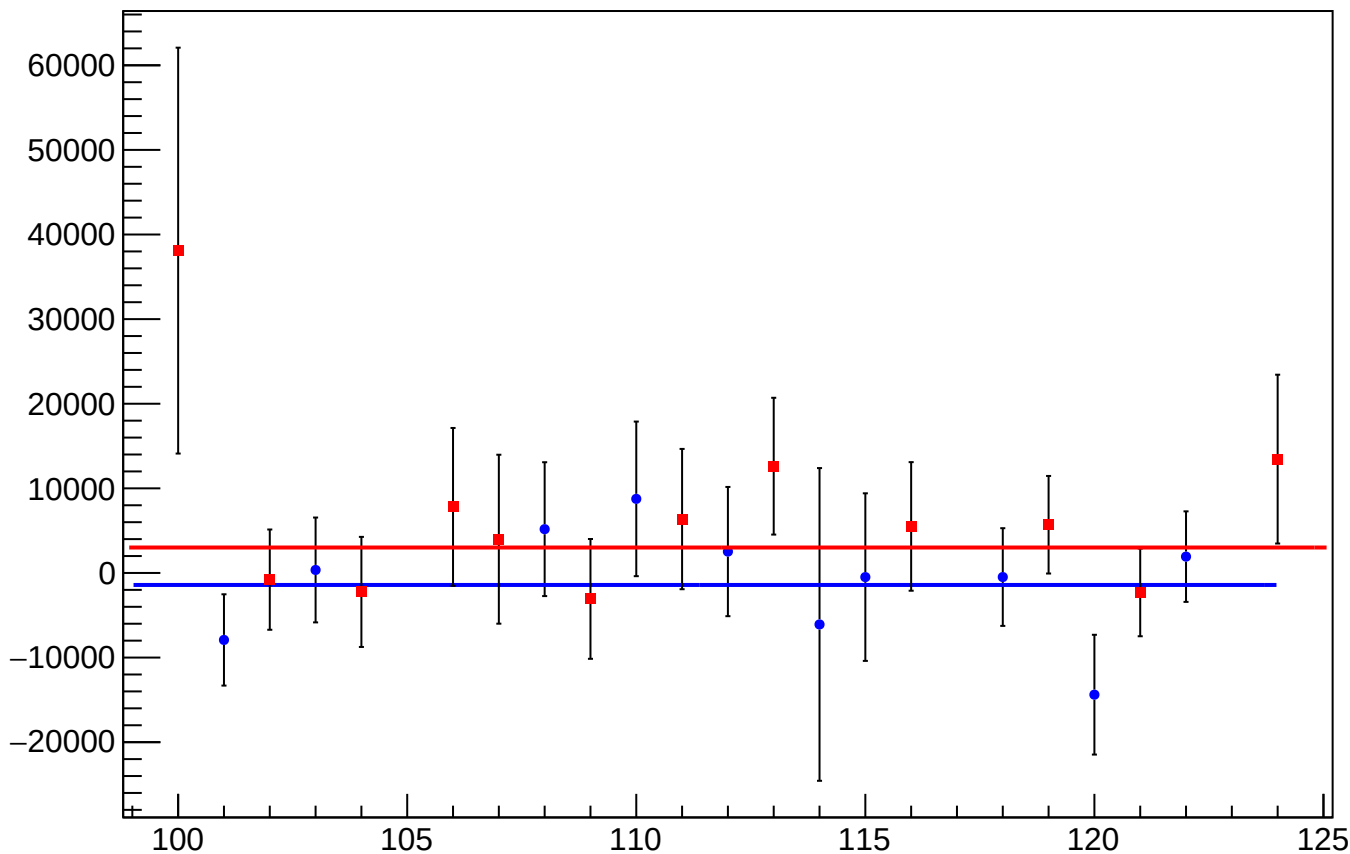
Right: 398.926+/-0.099 χ^2/NDF : 1129555.0/21

In: 397.861+/-0.144 χ^2/NDF : 530780.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.926+/-0.099 χ^2/NDF : 1129555.0/21

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1418.075+/-2216.629 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3007.804+/-2132.605 χ^2/NDF : 8.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

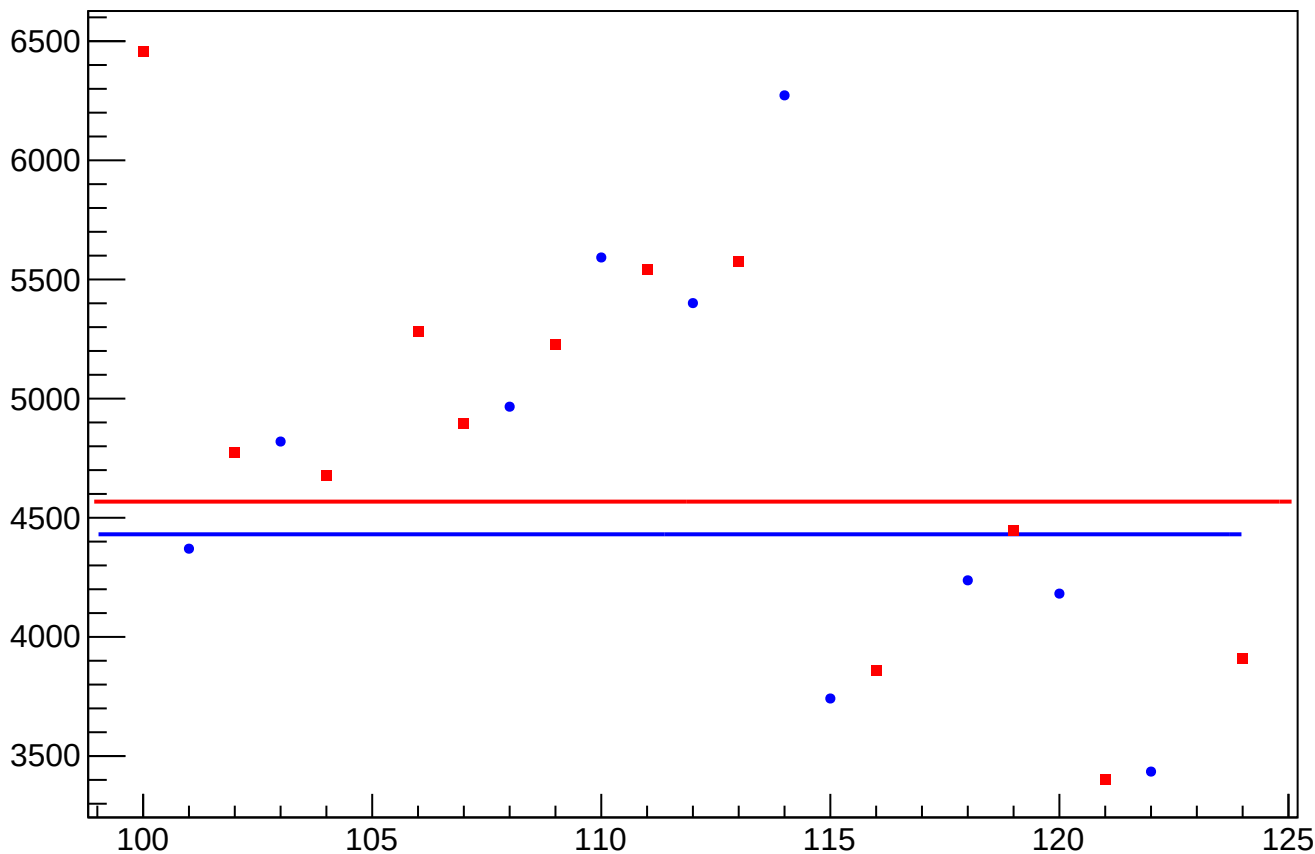
Right: 880.337+/-1536.826 χ^2/NDF : 17.9/21

In: -1418.075+/-2216.629 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.337+/-1536.826 χ^2/NDF : 17.9/21

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4430.636+/-1.567 χ^2/NDF : 185472.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4567.795+/-1.508 χ^2/NDF : 233760.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

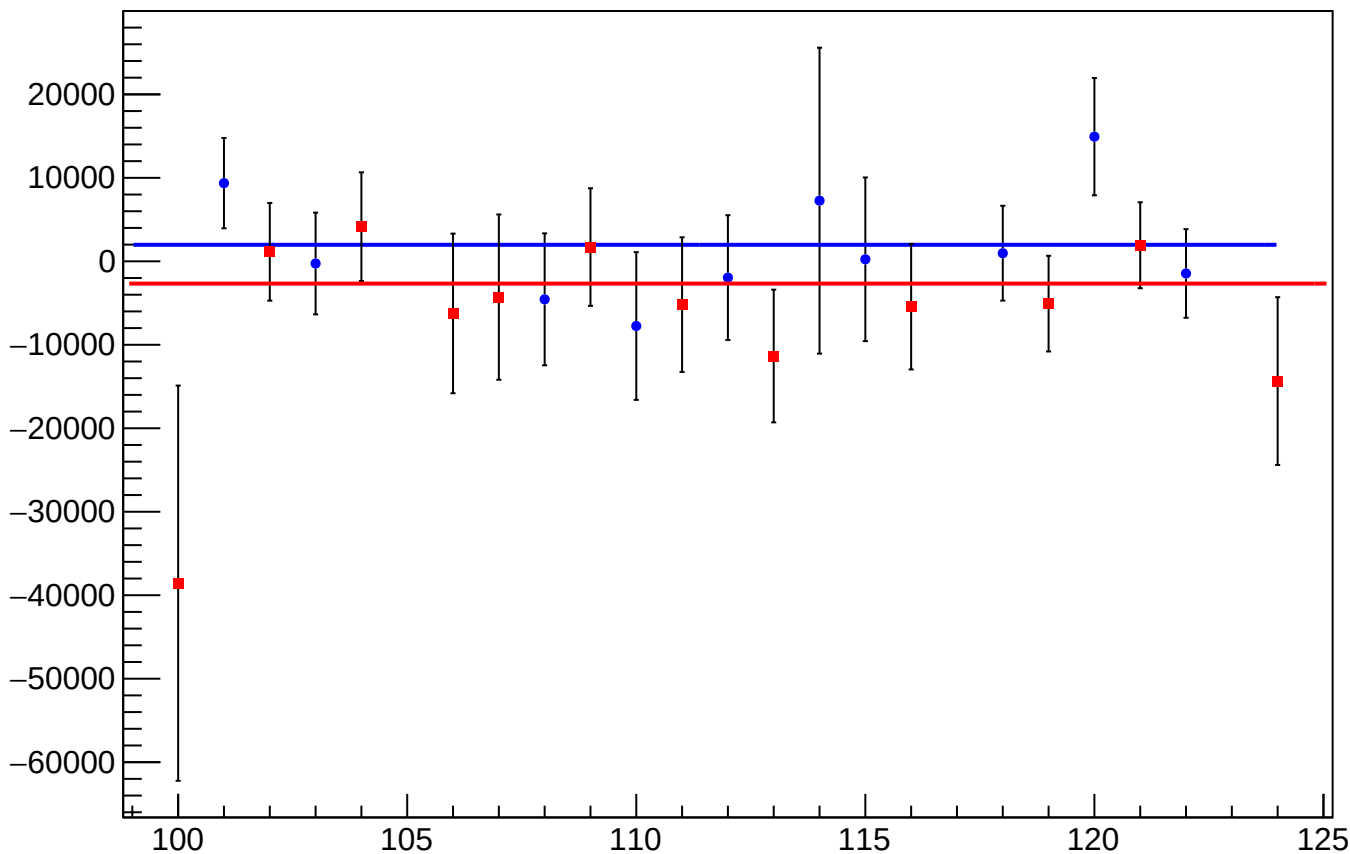
Right: 4501.864+/-1.087 χ^2/NDF : 423209.4/21

In: 4430.636+/-1.567 χ^2/NDF : 185472.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4501.864+/-1.087 χ^2/NDF : 423209.4/21

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1979.592+/-2193.096 χ^2/NDF : 8.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2667.806+/-2118.453 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

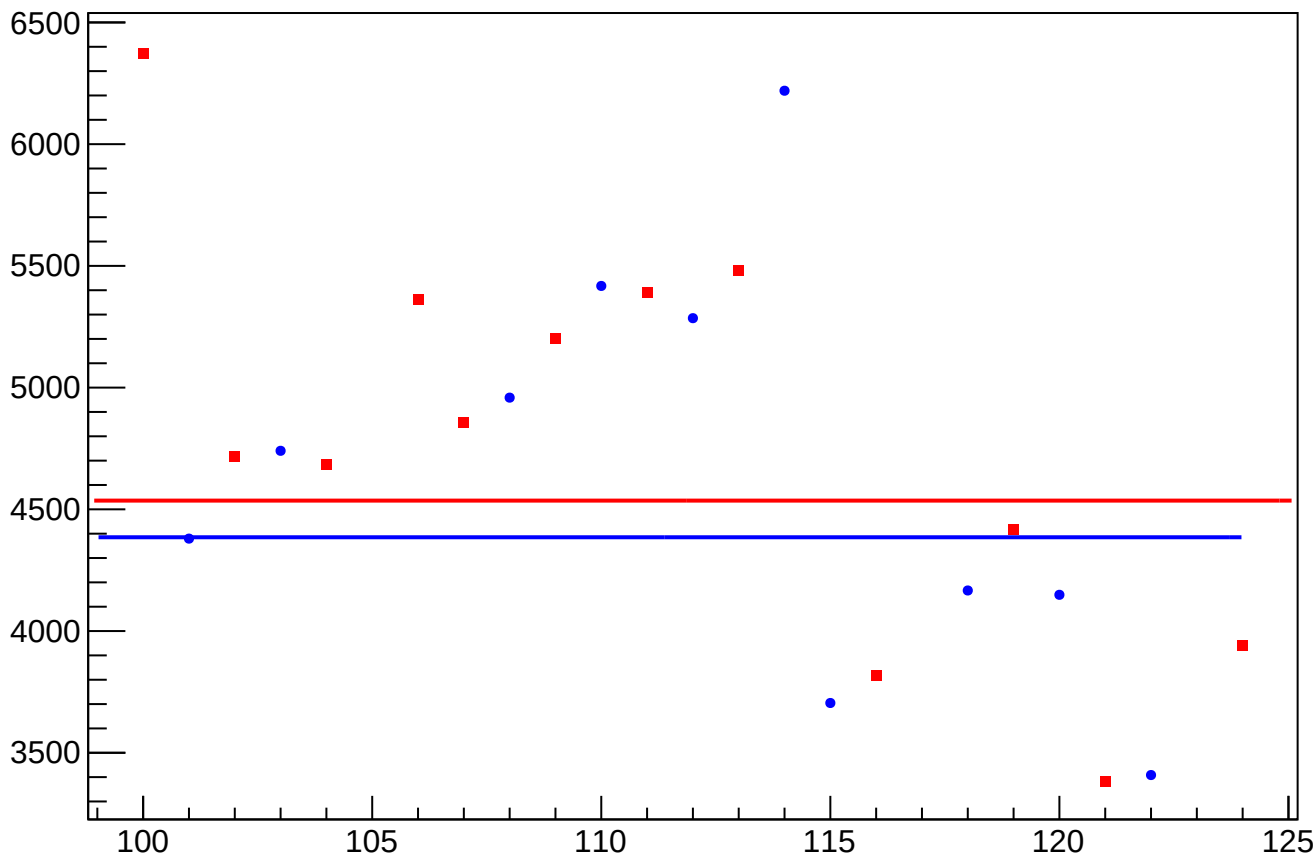
Right: -424.540+/-1523.677 χ^2/NDF : 18.6/21

In: 1979.592+/-2193.096 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -424.540+/-1523.677 χ^2/NDF : 18.6/21

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4385.252+/-1.551 χ^2/NDF : 176174.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4535.847+/-1.498 χ^2/NDF : 227169.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

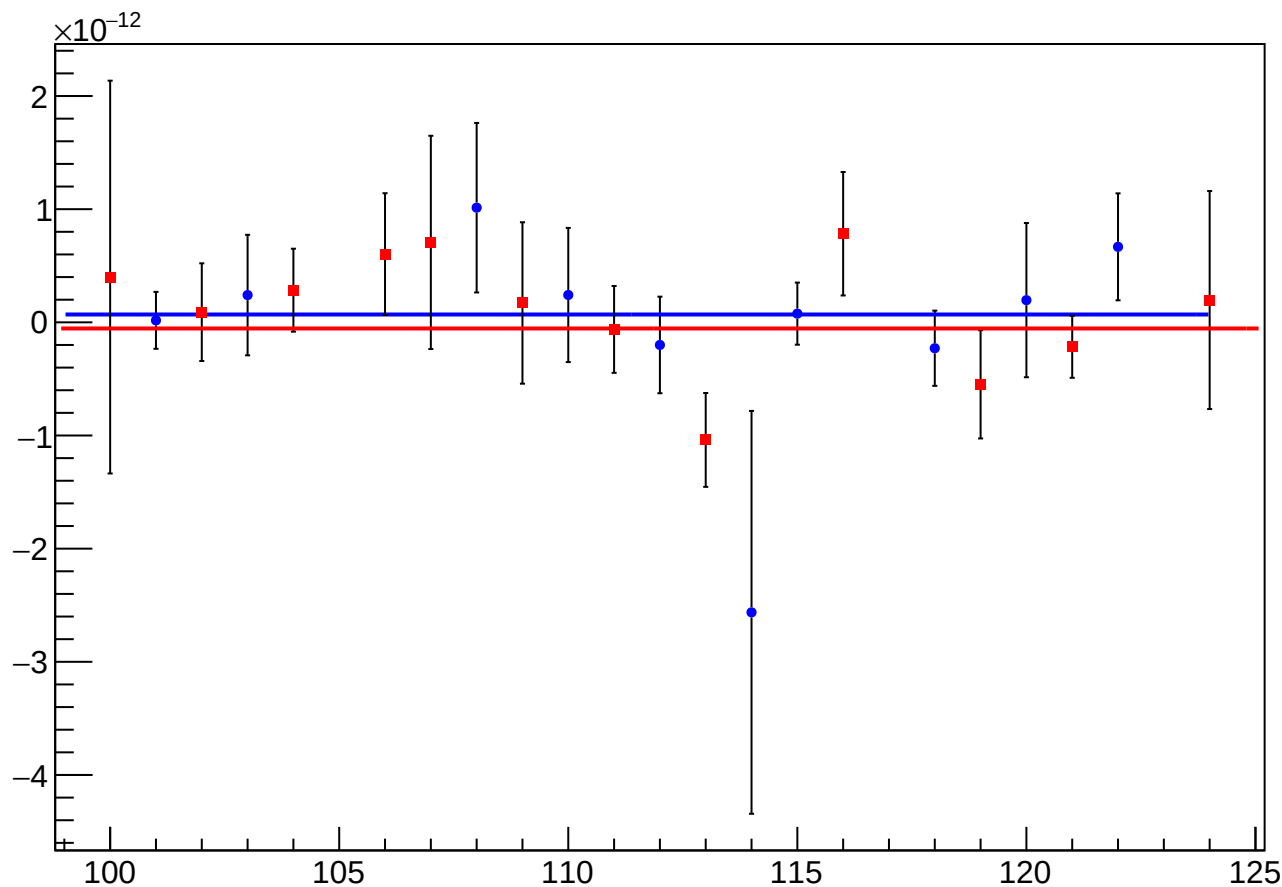
Right: 4463.156+/-1.077 χ^2/NDF : 408222.1/21

In: 4385.252+/-1.551 χ^2/NDF : 176174.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4463.156+/-1.077 χ^2/NDF : 408222.1/21

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

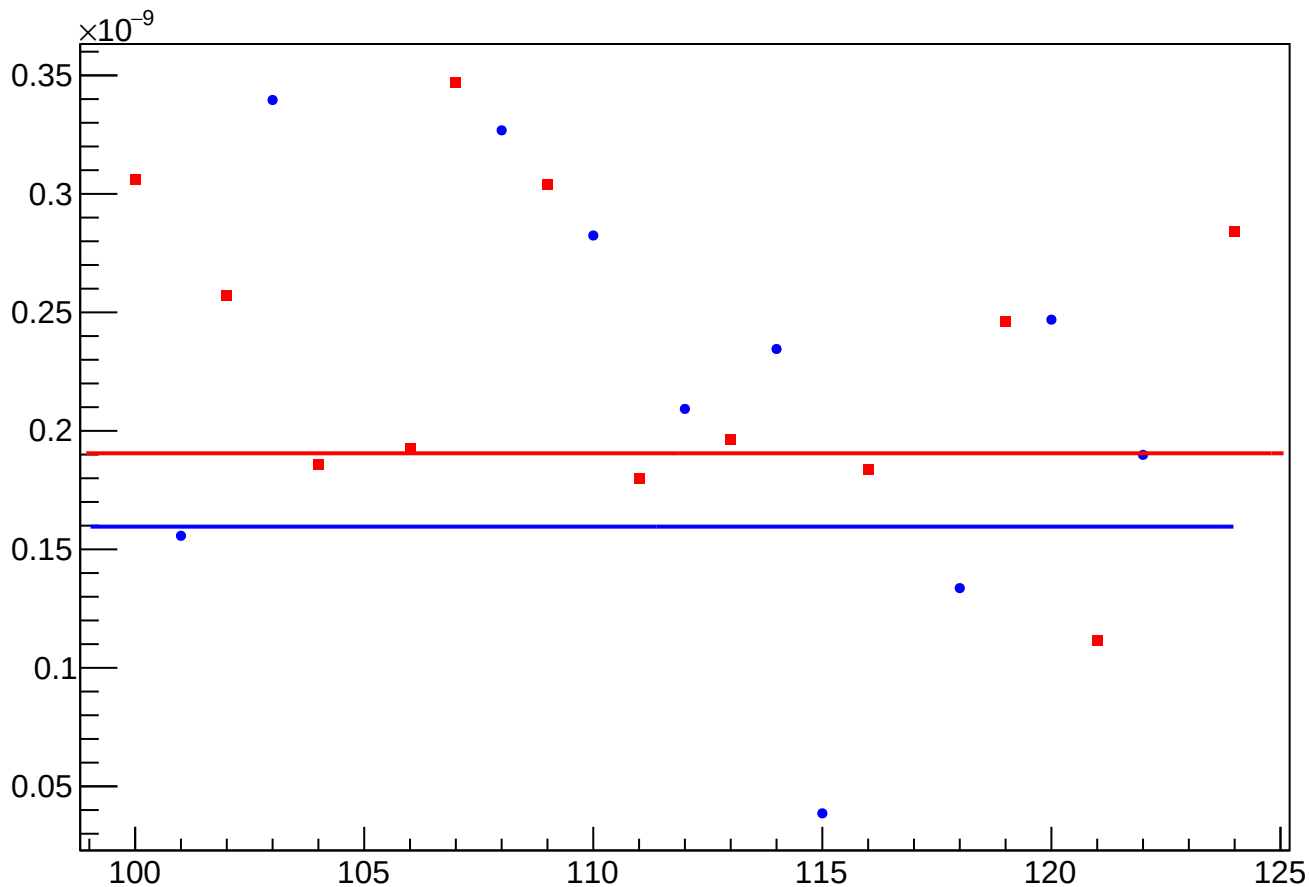
Right: 0.000+/-0.000 χ^2/NDF : 20.0/21

In: 0.000+/-0.000 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.0/21

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 887270.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 377038.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

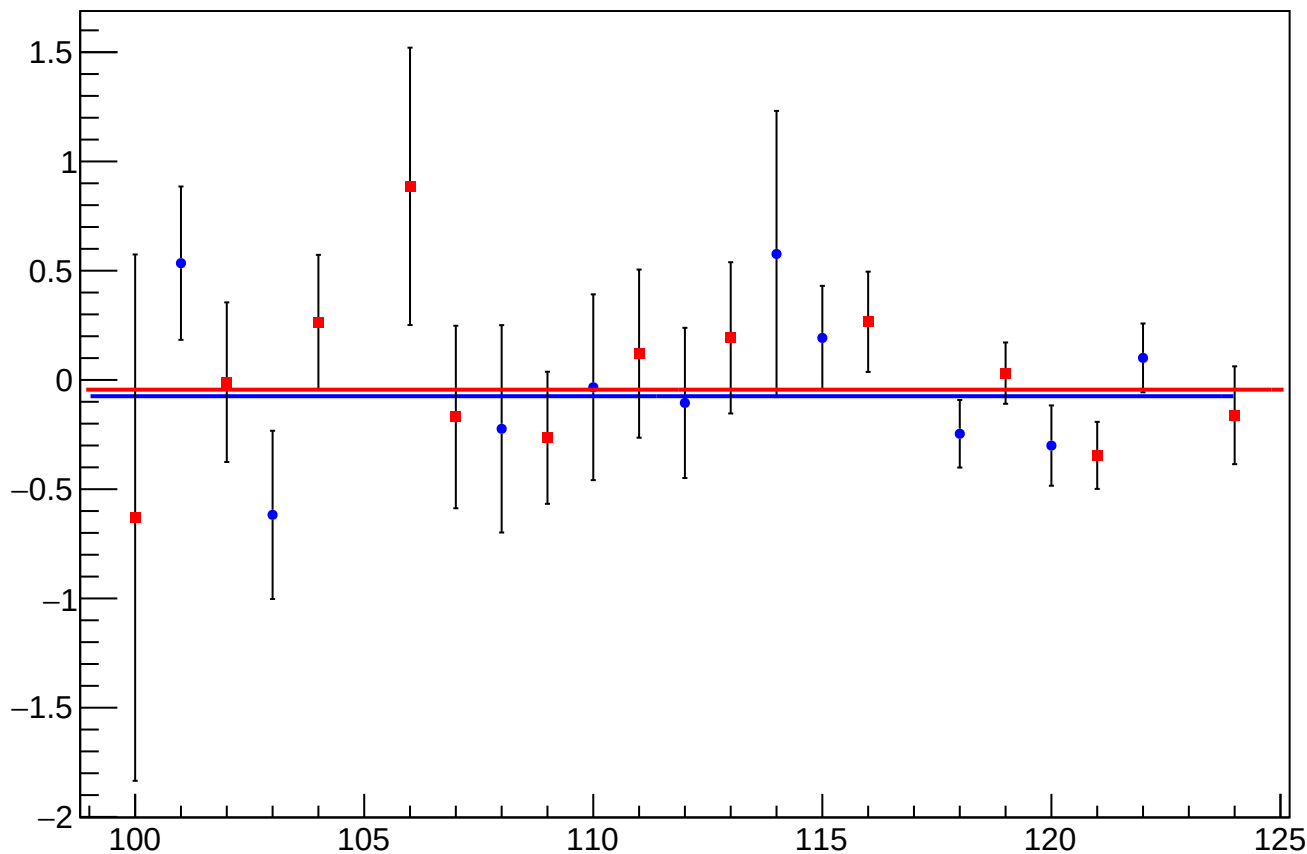
Right: 0.000+/-0.000 χ^2/NDF : 1318438.8/21

In: 0.000+/-0.000 χ^2/NDF : 887270.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1318438.8/21

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.074 ± 0.078 $\chi^2/\text{NDF}: 11.3/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.044 ± 0.073 $\chi^2/\text{NDF}: 10.9/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

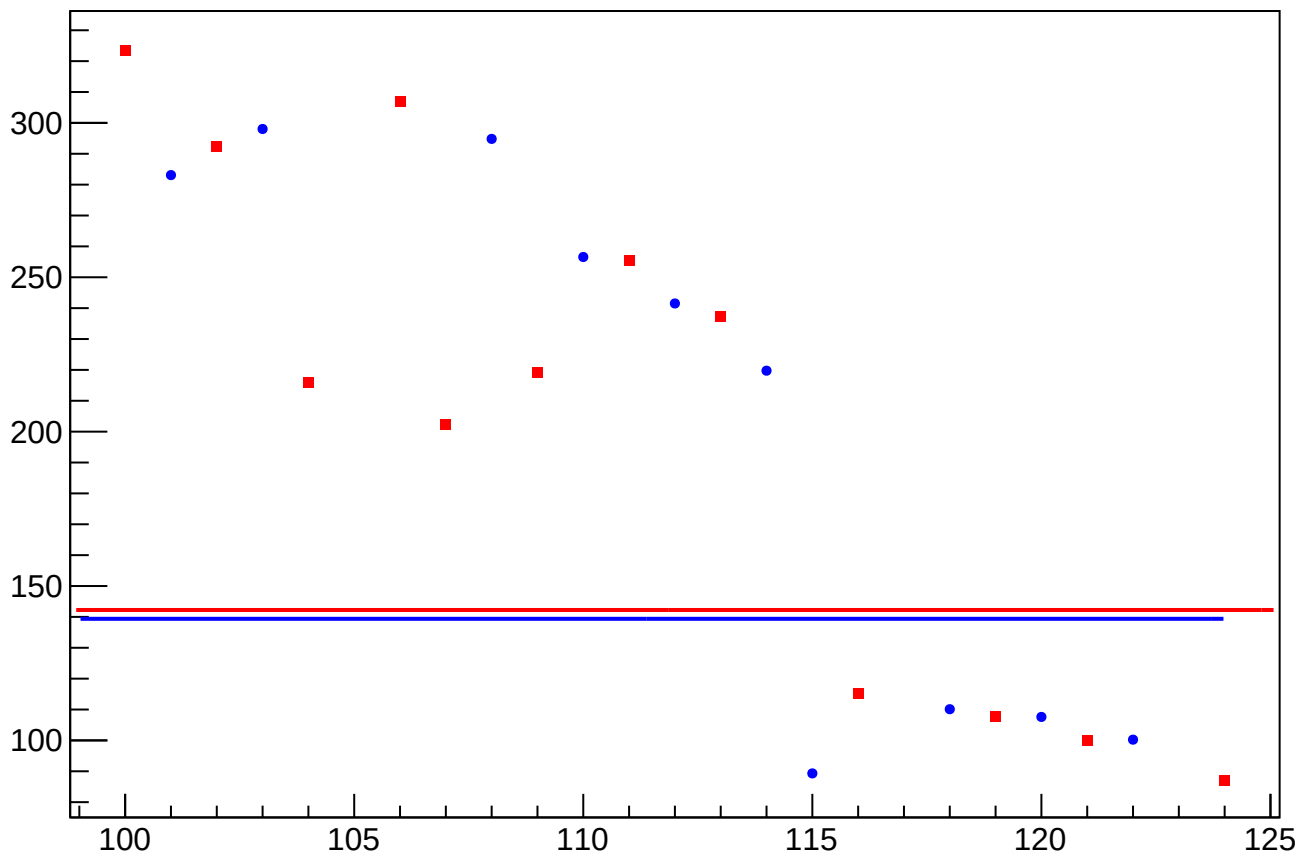
Right: -0.059 ± 0.053 $\chi^2/\text{NDF}: 22.3/21$

In: -0.074 ± 0.078 $\chi^2/\text{NDF}: 11.3/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.059 ± 0.053 $\chi^2/\text{NDF}: 22.3/21$

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.382+/-0.055 χ^2/NDF : 1591789.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.242+/-0.052 χ^2/NDF : 1550447.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

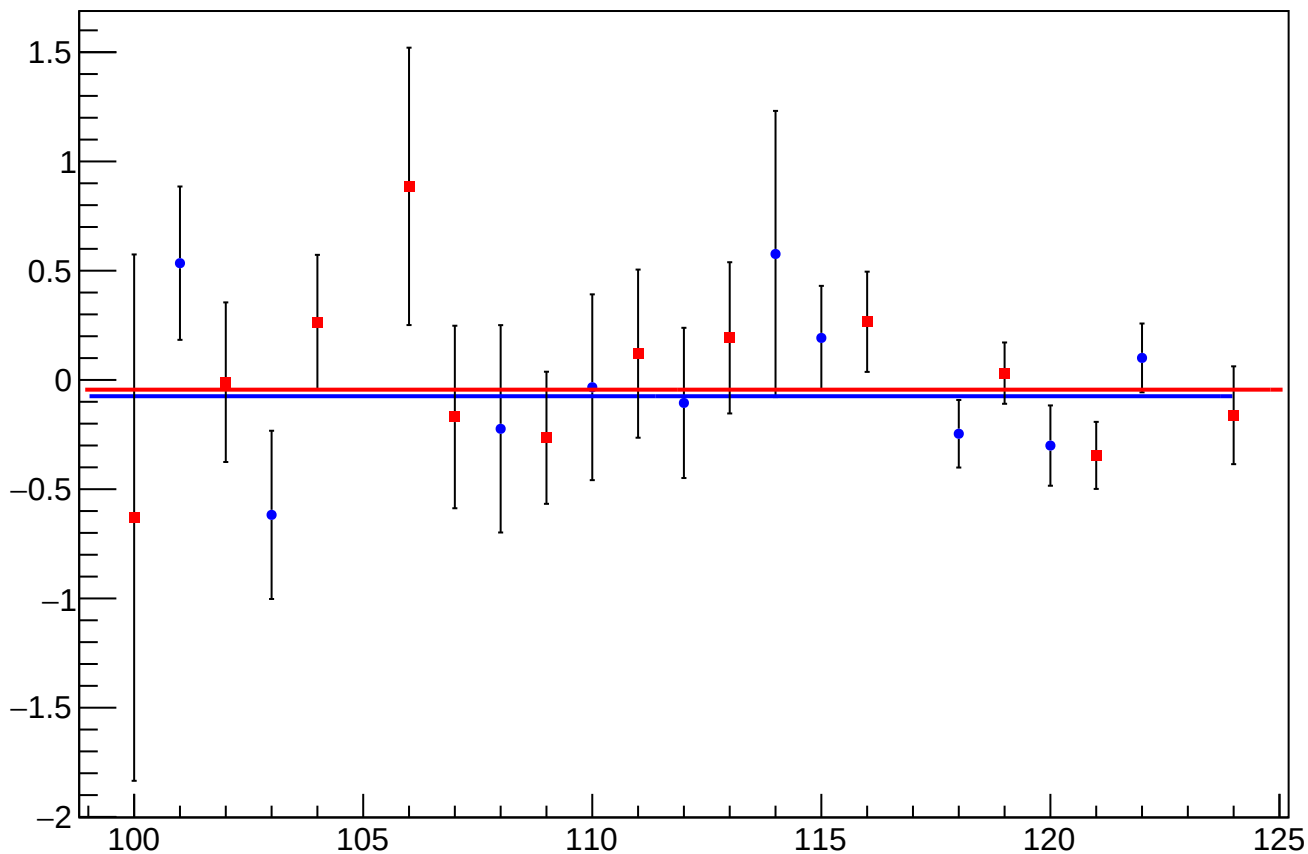
Right: 140.894+/-0.038 χ^2/NDF : 3143664.4/21

In: 139.382+/-0.055 χ^2/NDF : 1591789.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.894+/-0.038 χ^2/NDF : 3143664.4/21

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.074 ± 0.078 χ^2/NDF : 11.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.044 ± 0.073 χ^2/NDF : 10.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

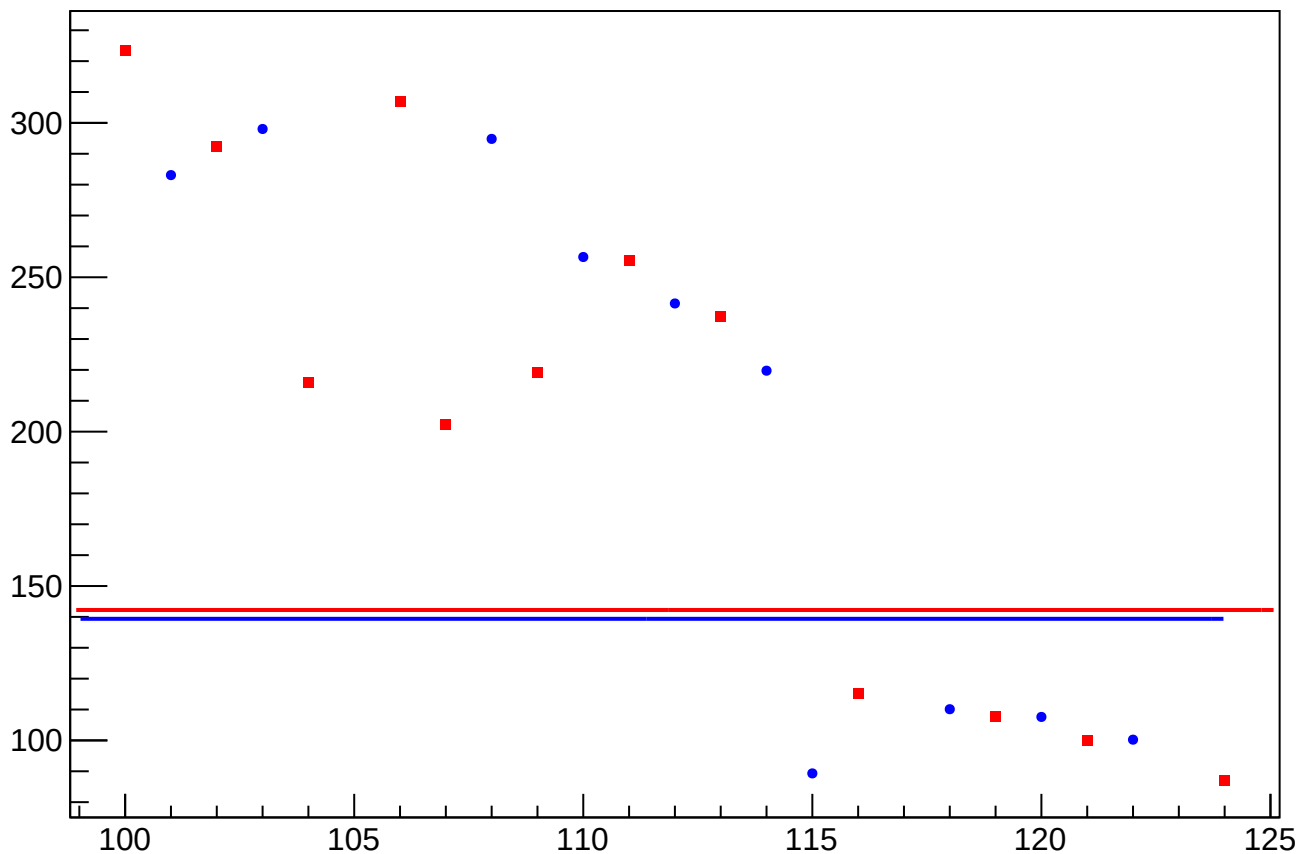
Right: -0.059 ± 0.053 χ^2/NDF : 22.3/21

In: -0.074 ± 0.078 χ^2/NDF : 11.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.059 ± 0.053 χ^2/NDF : 22.3/21

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.382+/-0.055 χ^2/NDF : 1591789.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.242+/-0.052 χ^2/NDF : 1550447.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

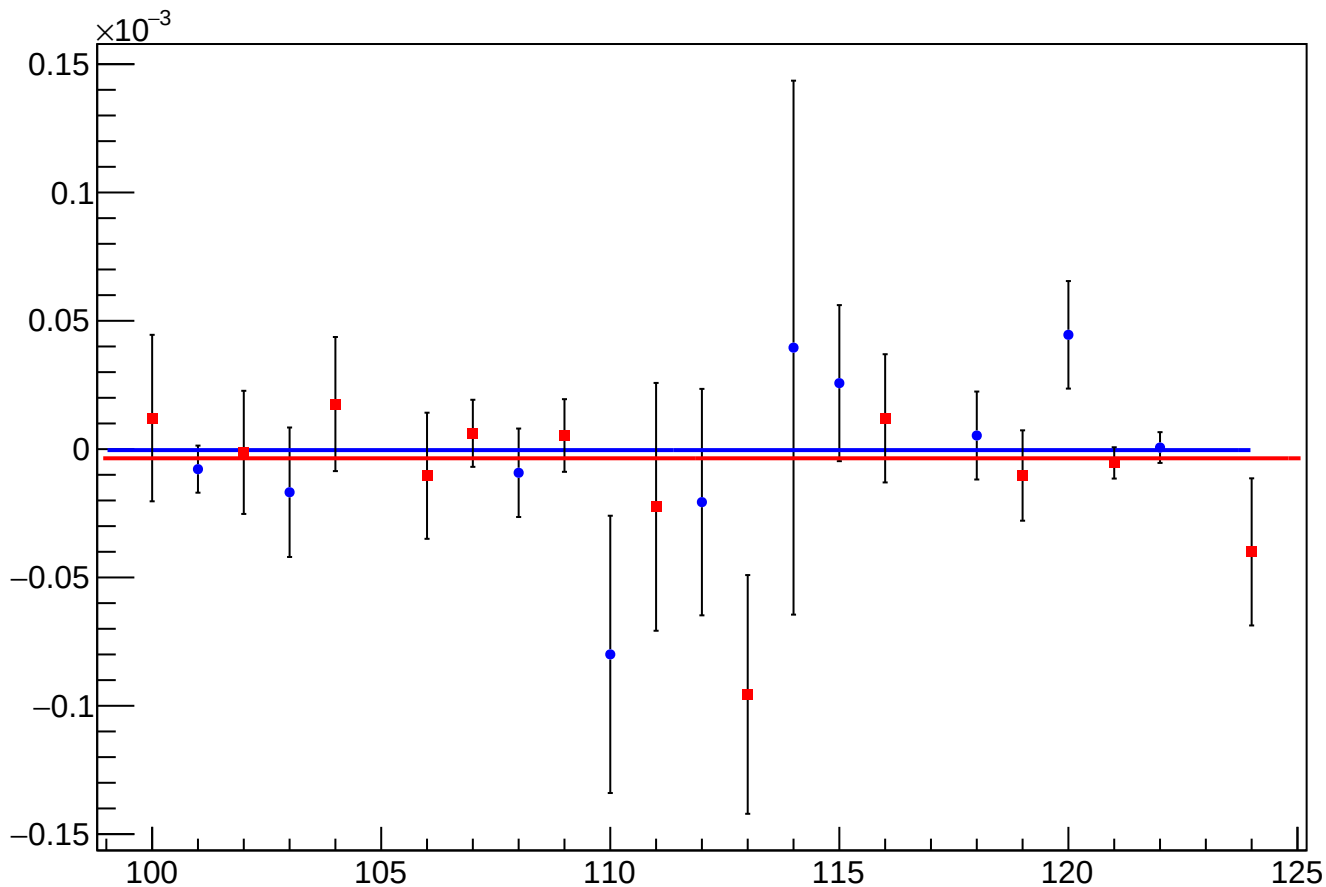
Right: 140.894+/-0.038 χ^2/NDF : 3143664.4/21

In: 139.382+/-0.055 χ^2/NDF : 1591789.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.894+/-0.038 χ^2/NDF : 3143664.4/21

asym_sam2_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 : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

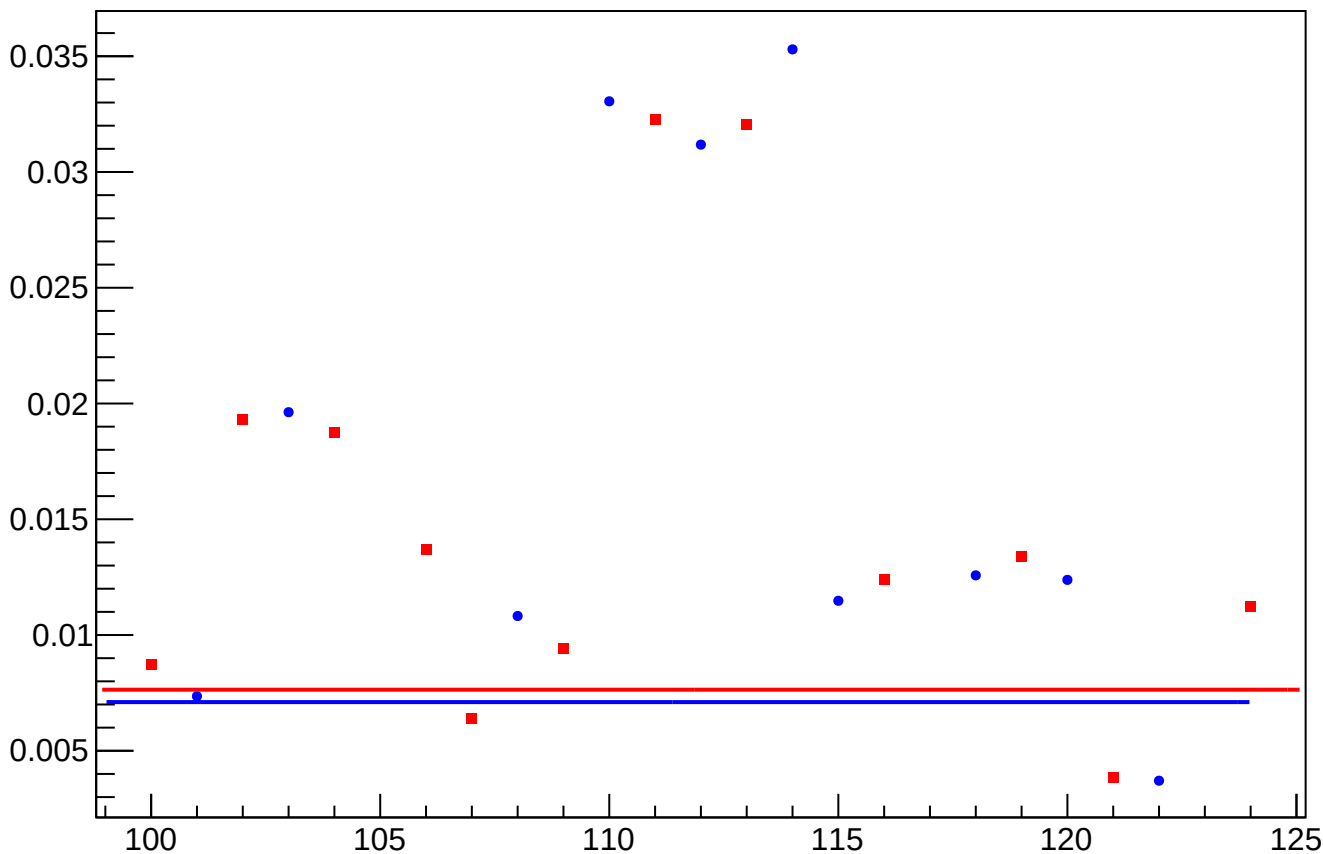
Right: -0.000+/-0.000 χ^2/NDF : 17.8/21

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 : 17.8/21

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2805923.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 3169977.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

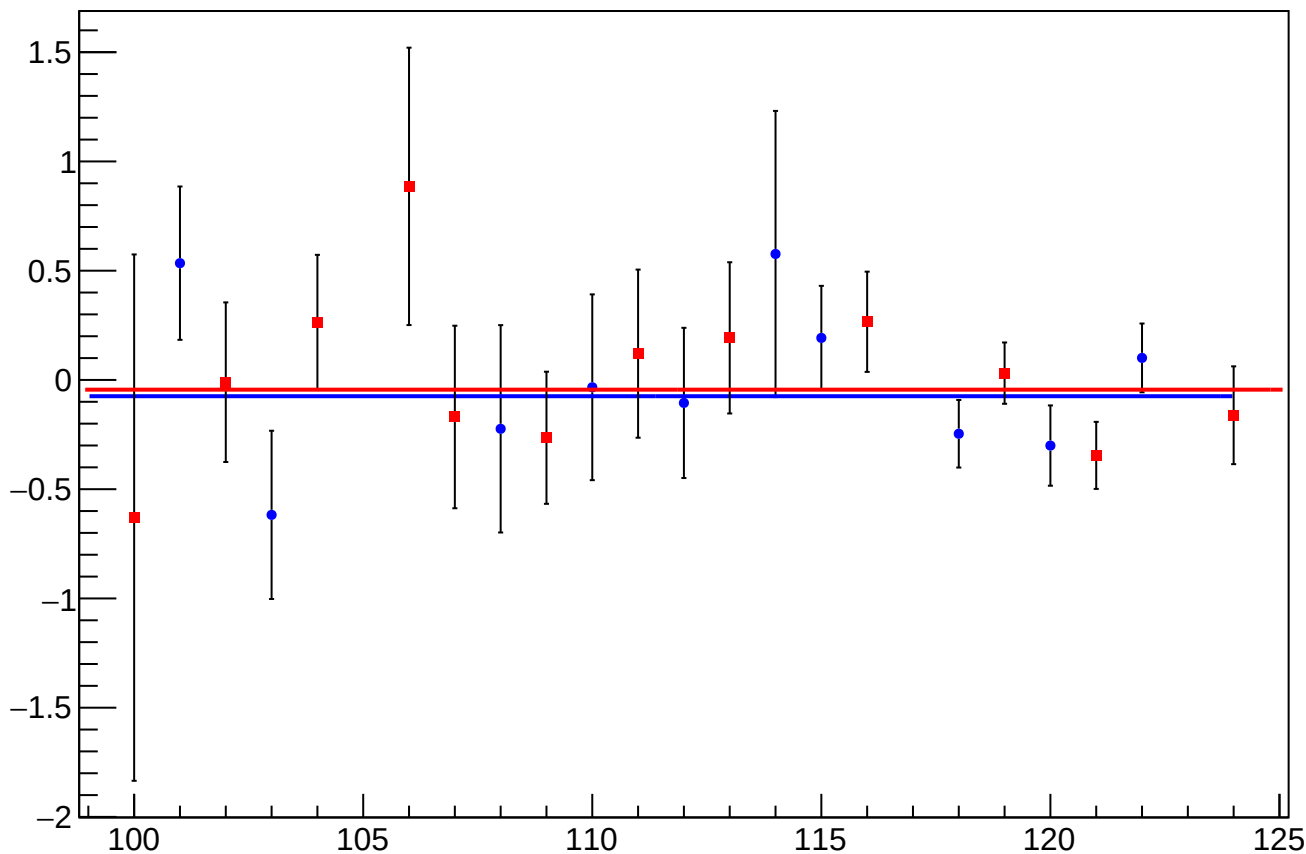
Right: 0.007+/-0.000 χ^2/NDF : 5990632.5/21

In: 0.007+/-0.000 χ^2/NDF :2805923.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5990632.5/21

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.074 ± 0.078 χ^2/NDF : 11.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.044 ± 0.073 χ^2/NDF : 10.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

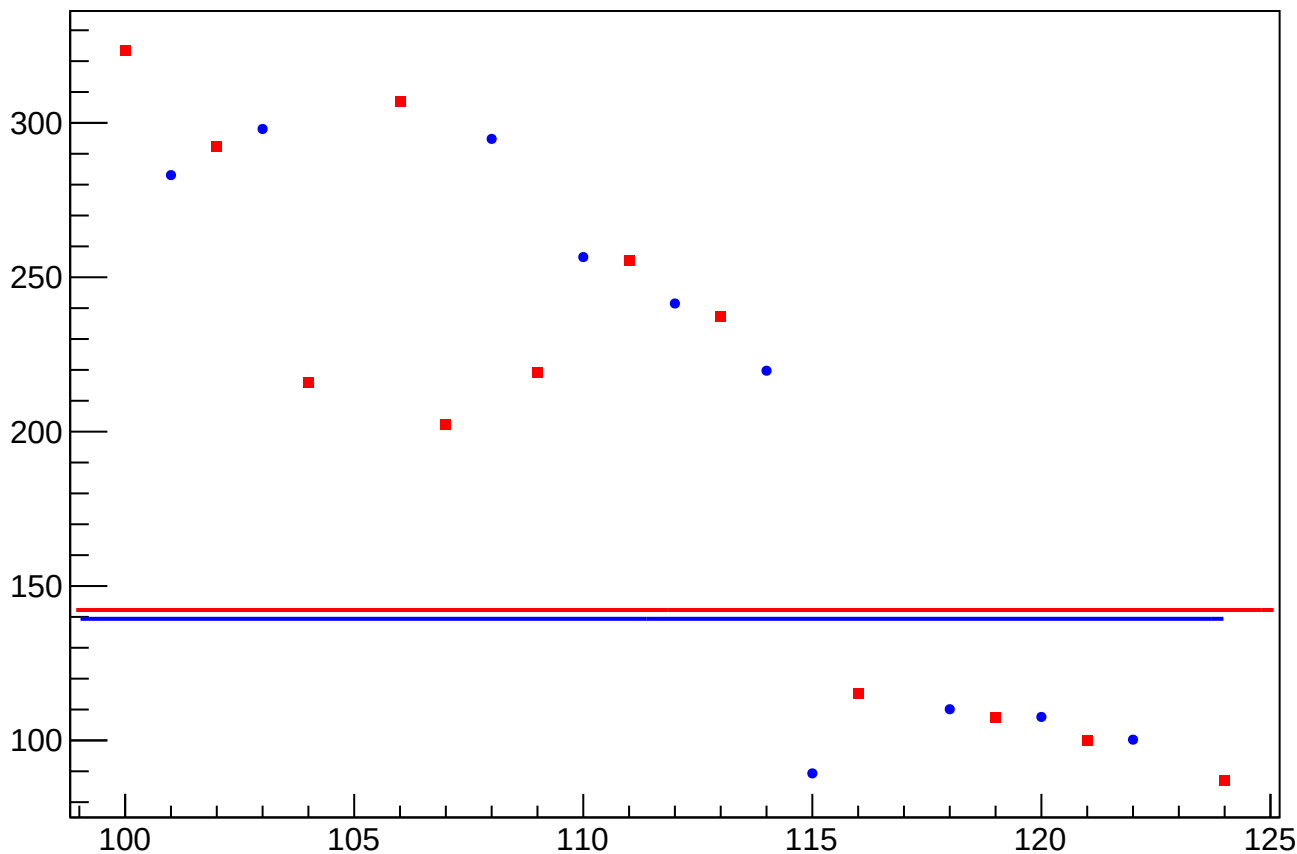
Right: -0.059 ± 0.053 χ^2/NDF : 22.3/21

In: -0.074 ± 0.078 χ^2/NDF : 11.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.059 ± 0.053 χ^2/NDF : 22.3/21

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.381+/-0.055 χ^2/NDF : 1591727.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.241+/-0.052 χ^2/NDF : 1550385.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

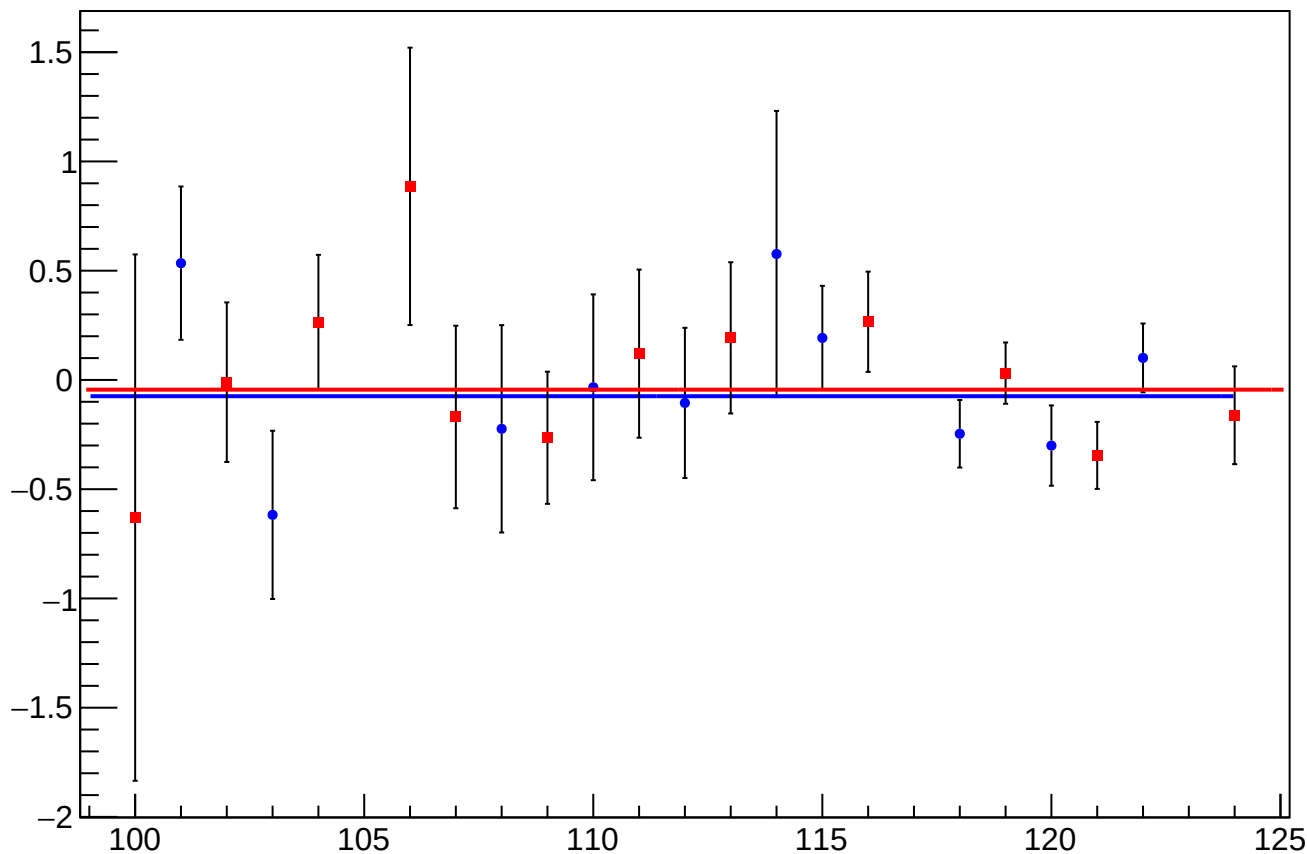
Right: 140.893+/-0.038 χ^2/NDF : 3143540.1/21

In: 139.381+/-0.055 χ^2/NDF : 1591727.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.893+/-0.038 χ^2/NDF : 3143540.1/21

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.074 $\pm$ 0.078 χ^2/NDF : 11.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.044 $\pm$ 0.073 χ^2/NDF : 10.9/11

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

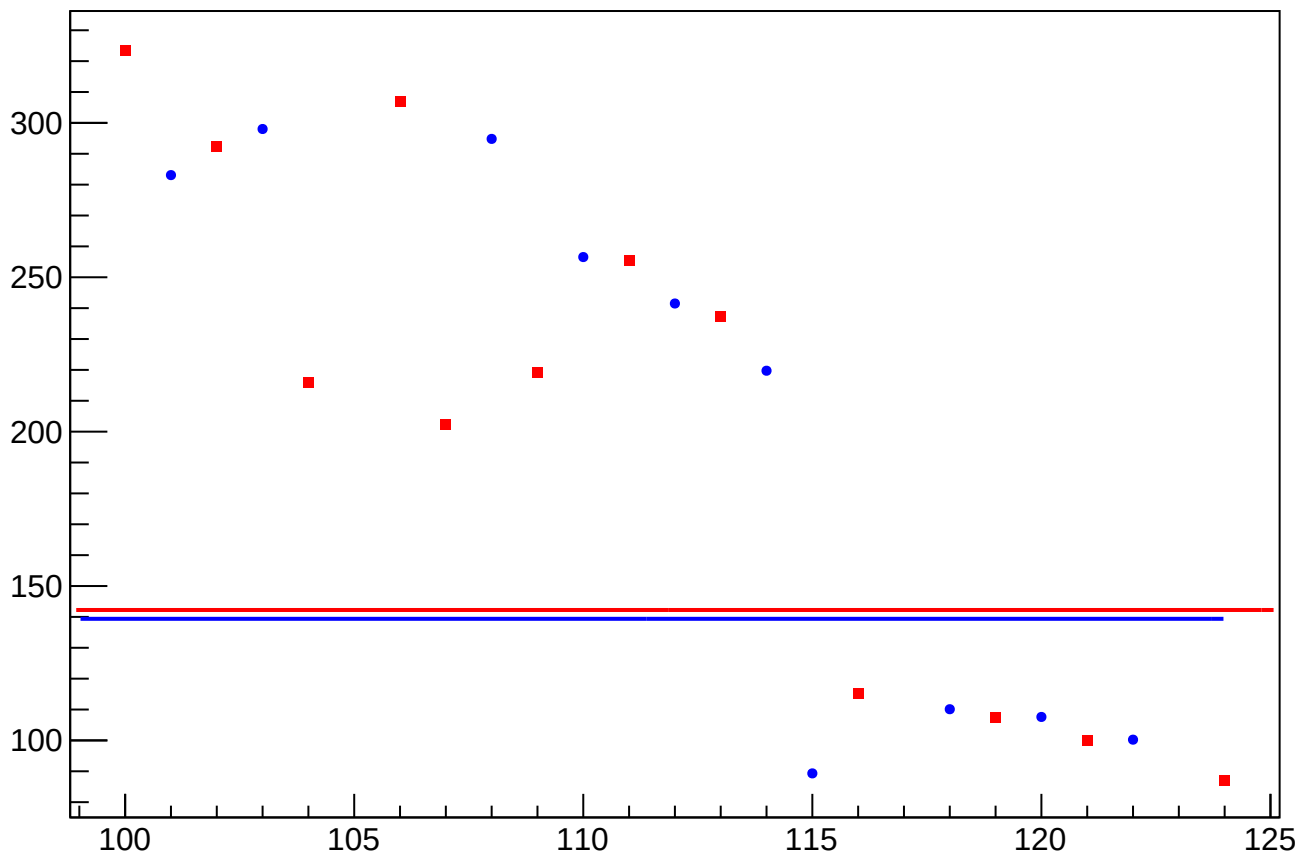
Right: -0.059 $\pm$ 0.053 χ^2/NDF : 22.3/21

In: -0.074 $\pm$ 0.078 χ^2/NDF : 11.3/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.059 $\pm$ 0.053 χ^2/NDF : 22.3/21

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.381+/-0.055 χ^2/NDF : 1591727.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.241+/-0.052 χ^2/NDF : 1550385.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

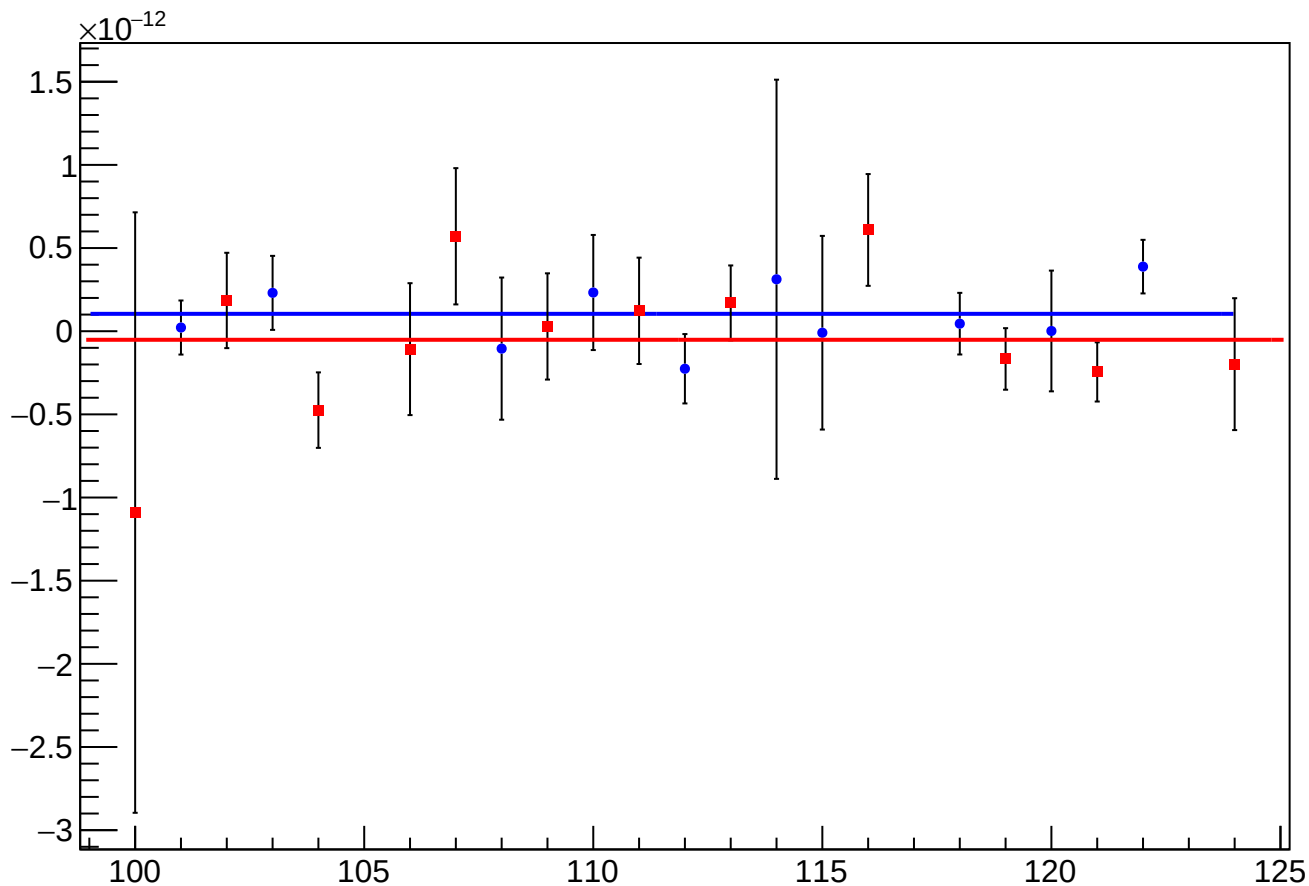
Right: 140.893+/-0.038 χ^2/NDF : 3143540.1/21

In: 139.381+/-0.055 χ^2/NDF : 1591727.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.893+/-0.038 χ^2/NDF : 3143540.1/21

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

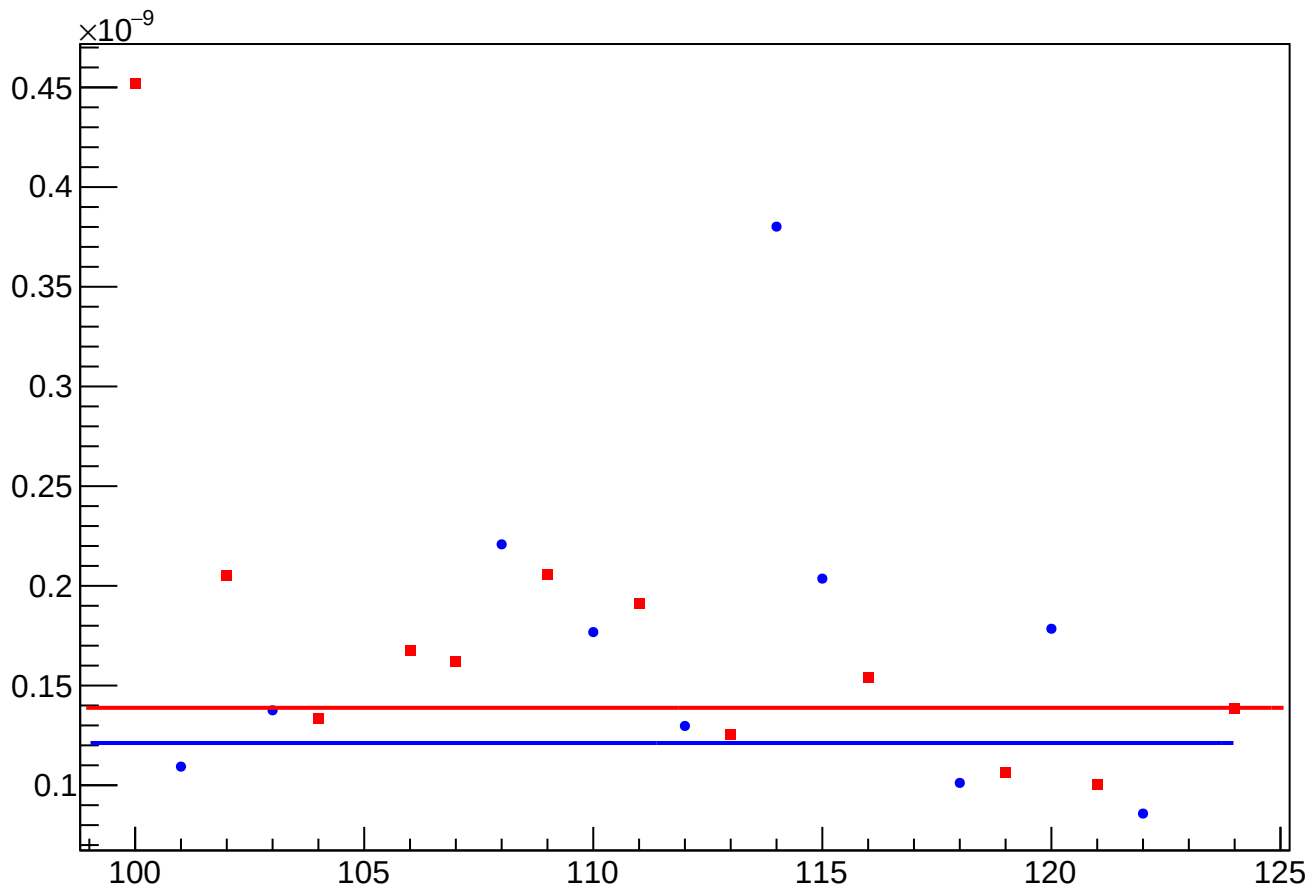
Right: 0.000+/-0.000 χ^2/NDF : 22.5/21

In: 0.000+/-0.000 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.5/21

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 488105.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 492178.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

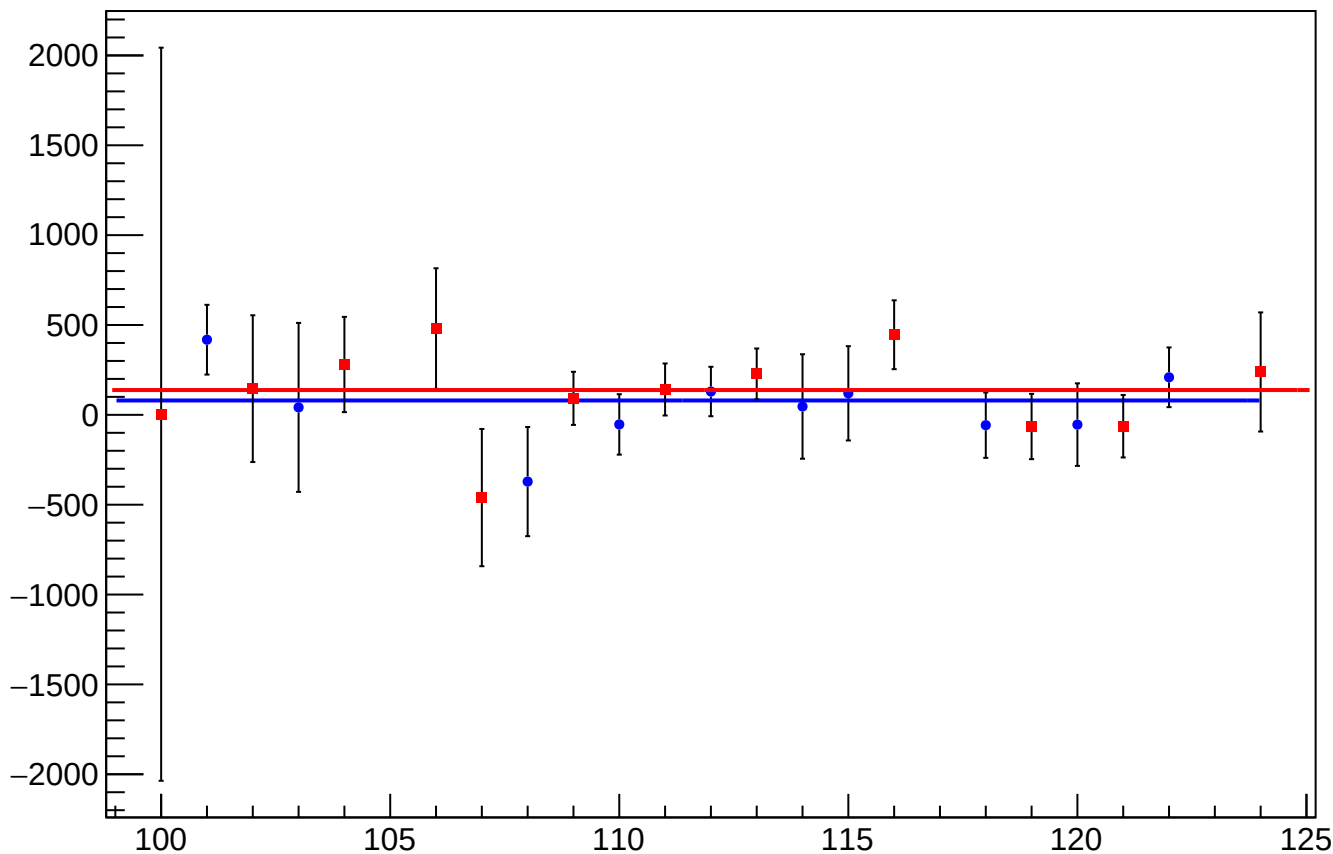
Right: 0.000+/-0.000 χ^2/NDF : 1032076.1/21

In: 0.000+/-0.000 χ^2/NDF : 488105.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1032076.1/21

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 79.961+/-64.293 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.991+/-59.825 χ^2/NDF : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

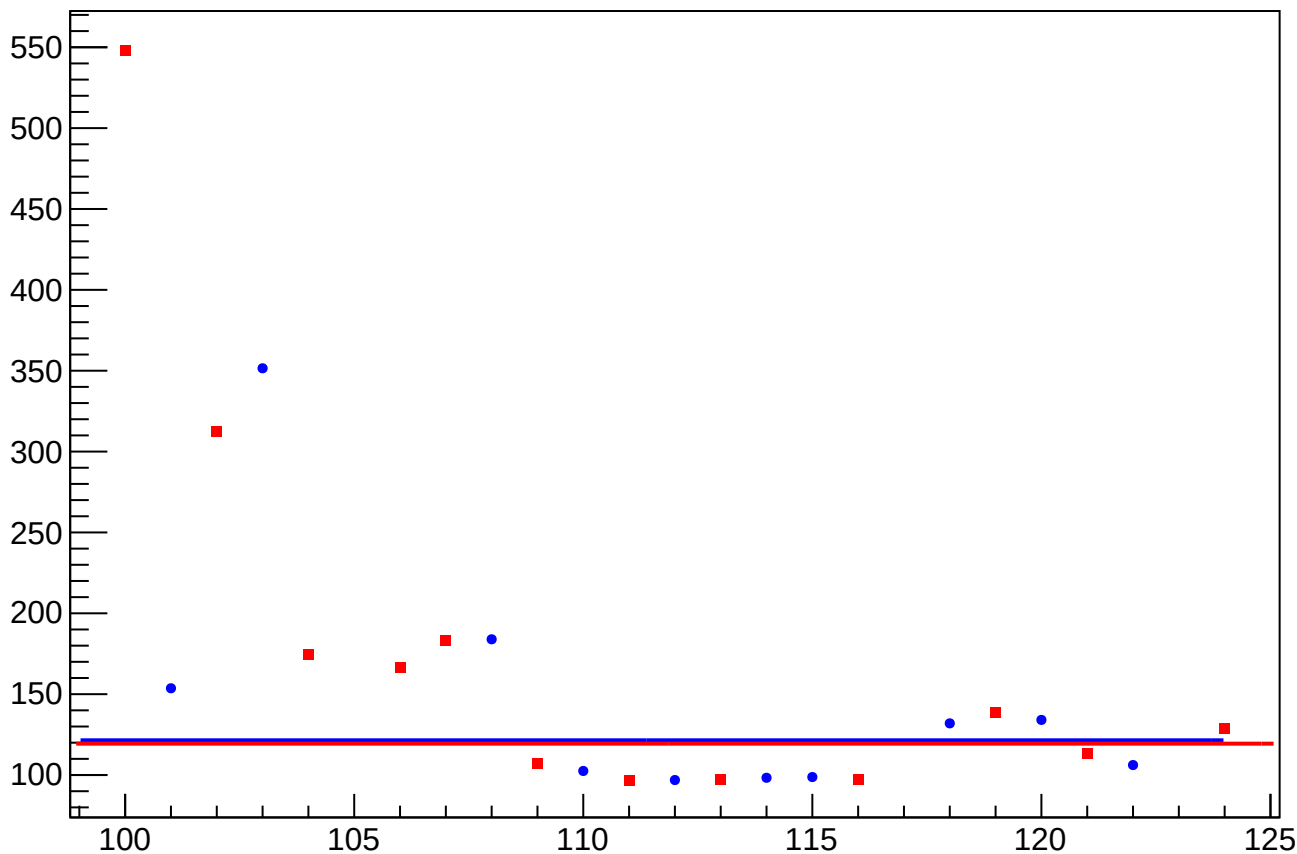
Right: 111.062+/-43.797 χ^2/NDF : 17.5/21

In: 79.961+/-64.293 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.062+/-43.797 χ^2/NDF : 17.5/21

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.470+/-0.045 χ^2/NDF : 764877.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.405+/-0.042 χ^2/NDF : 882243.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

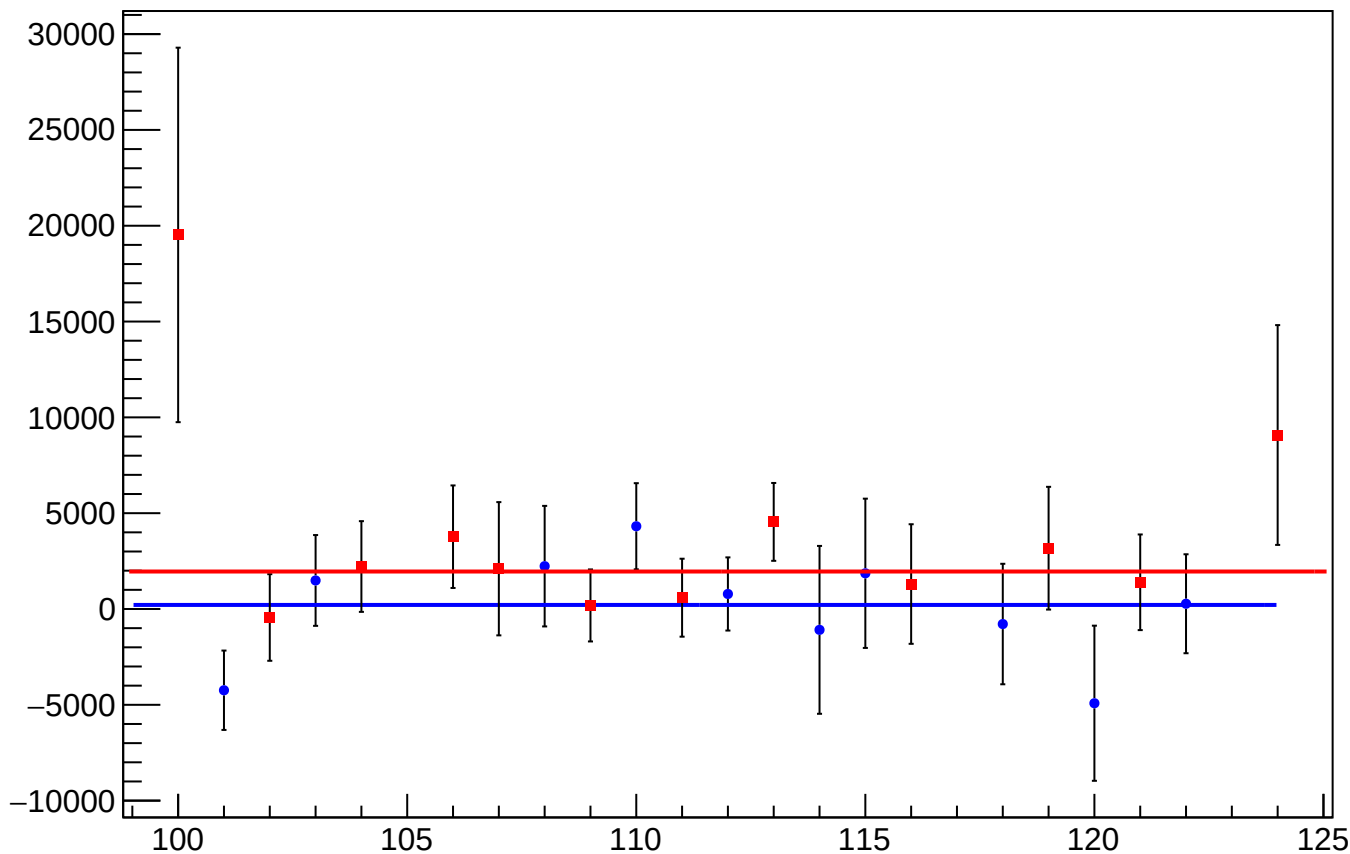
Right: 120.363+/-0.031 χ^2/NDF : 1648226.0/21

In: 121.470+/-0.045 χ^2/NDF : 764877.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.363+/-0.031 χ^2/NDF : 1648226.0/21

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 212.037+/-840.626 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1956.031+/-752.526 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

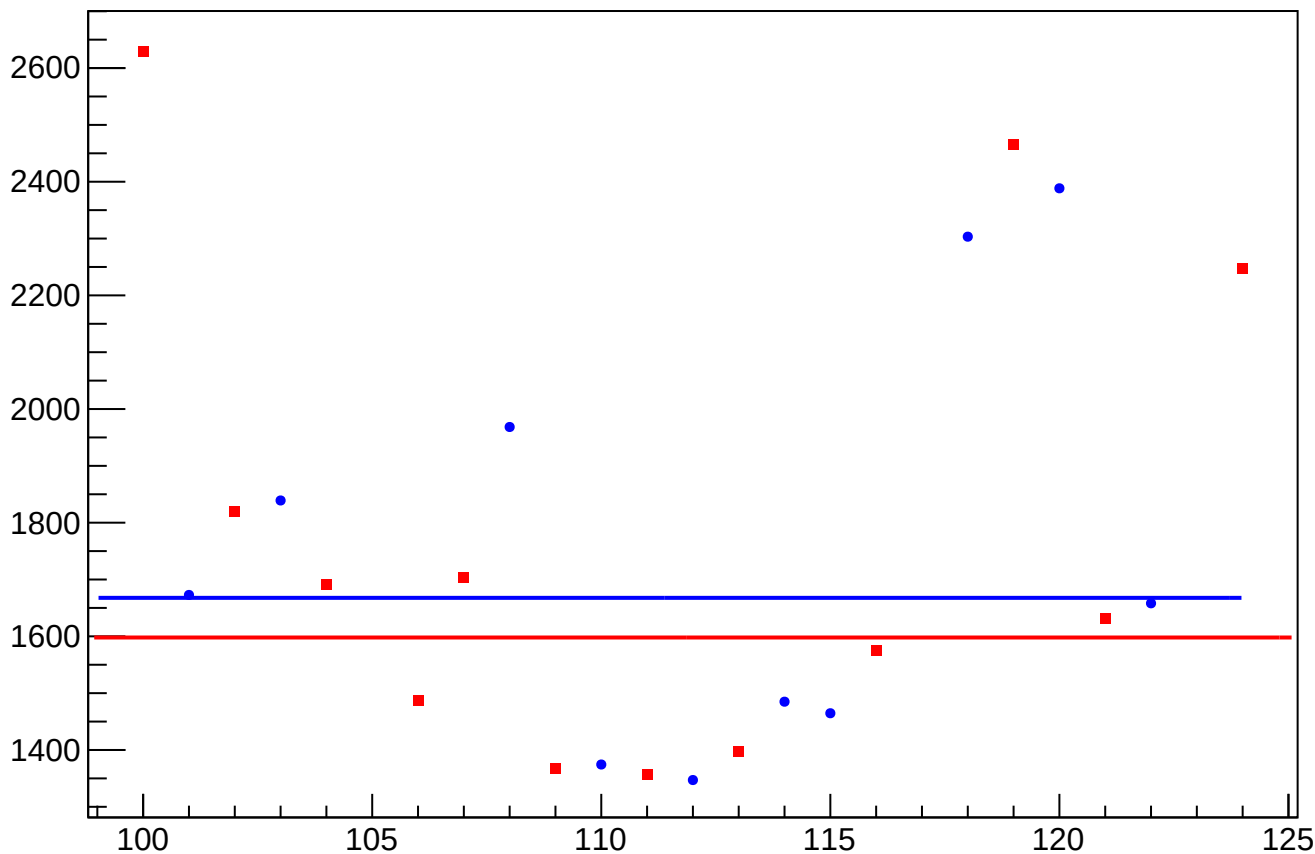
Right: 1180.181+/-560.685 χ^2/NDF : 22.7/21

In: 212.037+/-840.626 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1180.181+/-560.685 χ^2/NDF : 22.7/21

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1667.734+/-0.594 χ^2/NDF : 273315.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1597.946+/-0.532 χ^2/NDF : 300116.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

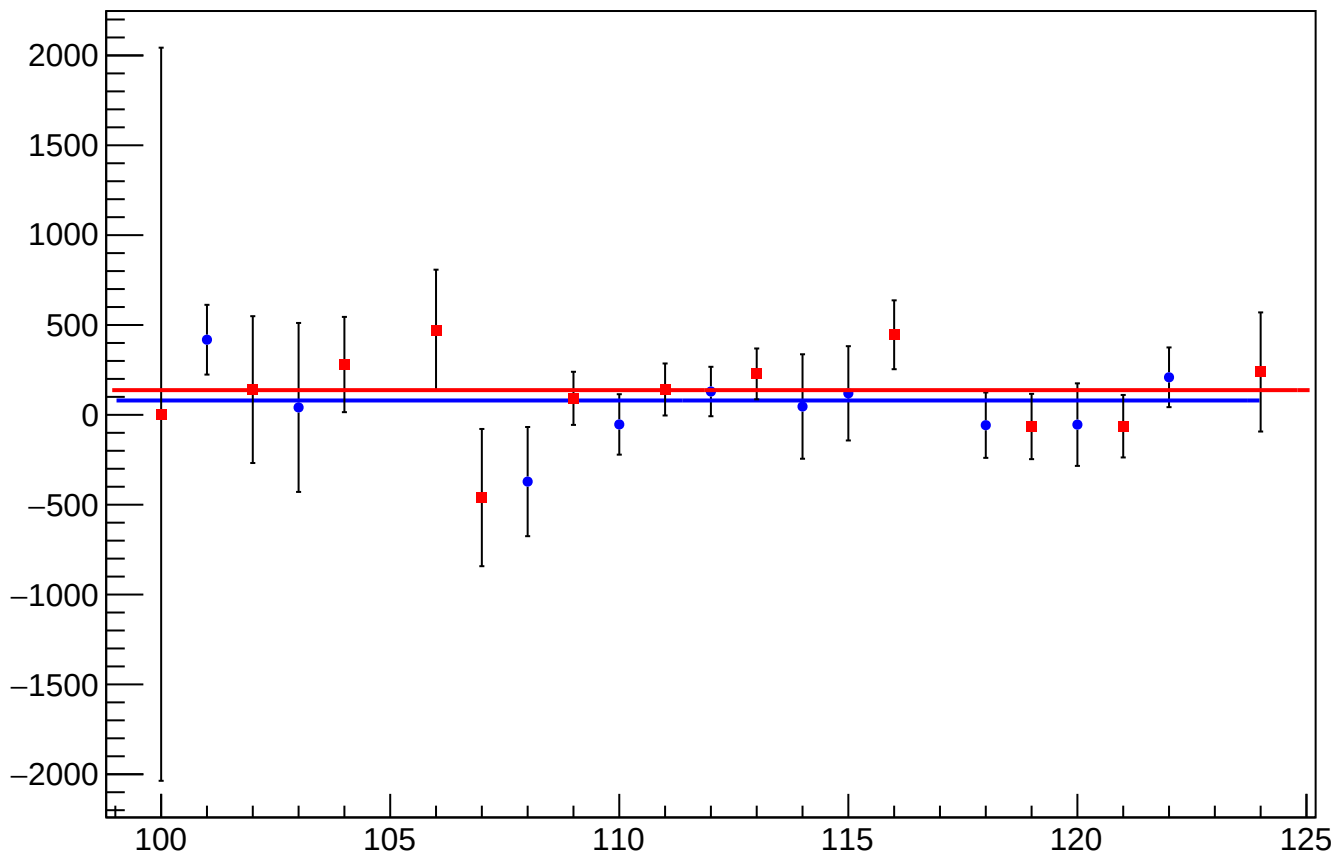
Right: 1628.992+/-0.396 χ^2/NDF : 581083.4/21

In: 1667.734+/-0.594 χ^2/NDF : 273315.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.992+/-0.396 χ^2/NDF : 581083.4/21

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 79.941+/-64.293 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.508+/-59.832 χ^2/NDF : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

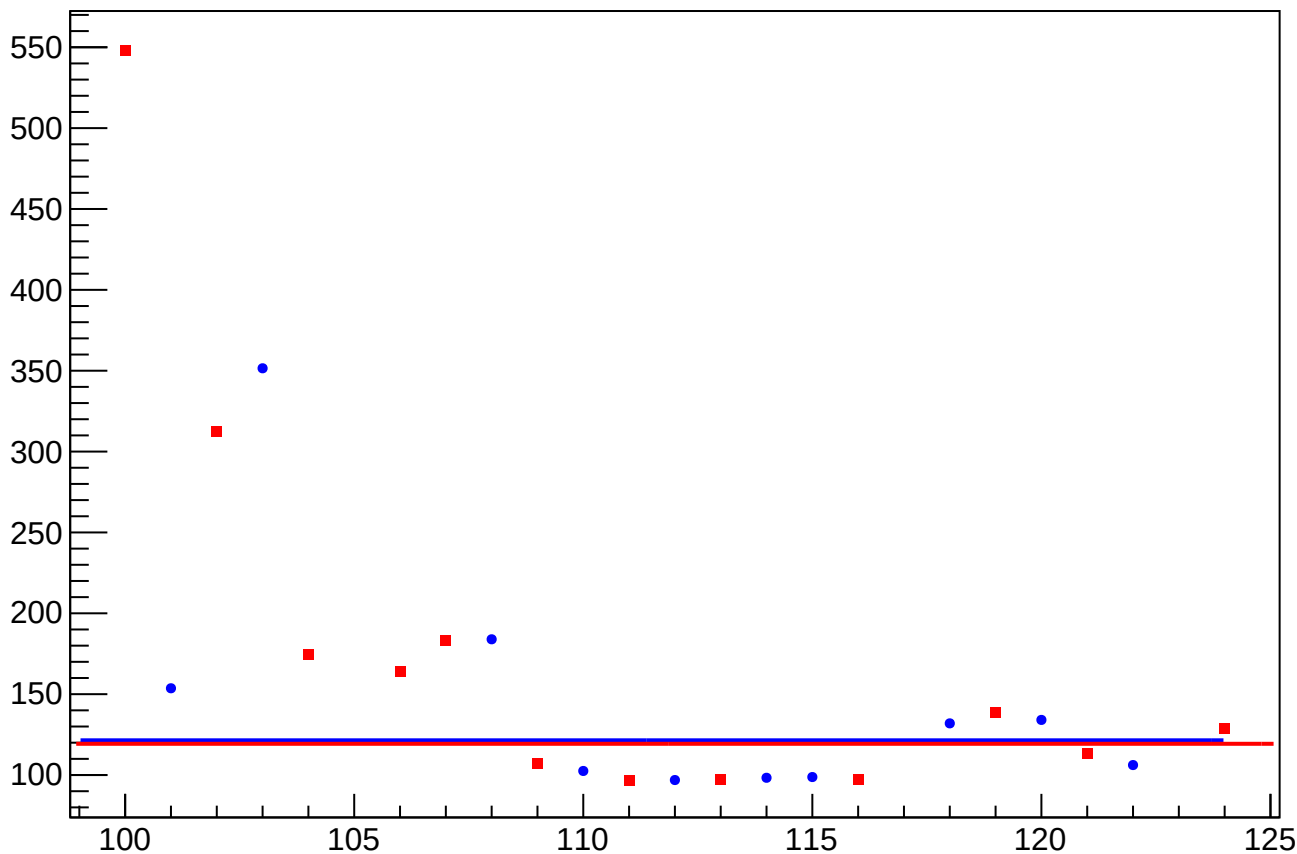
Right: 110.791+/-43.800 χ^2/NDF : 17.5/21

In: 79.941+/-64.293 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.791+/-43.800 χ^2/NDF : 17.5/21

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.470+/-0.045 χ^2/NDF : 764879.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.317+/-0.042 χ^2/NDF : 878180.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

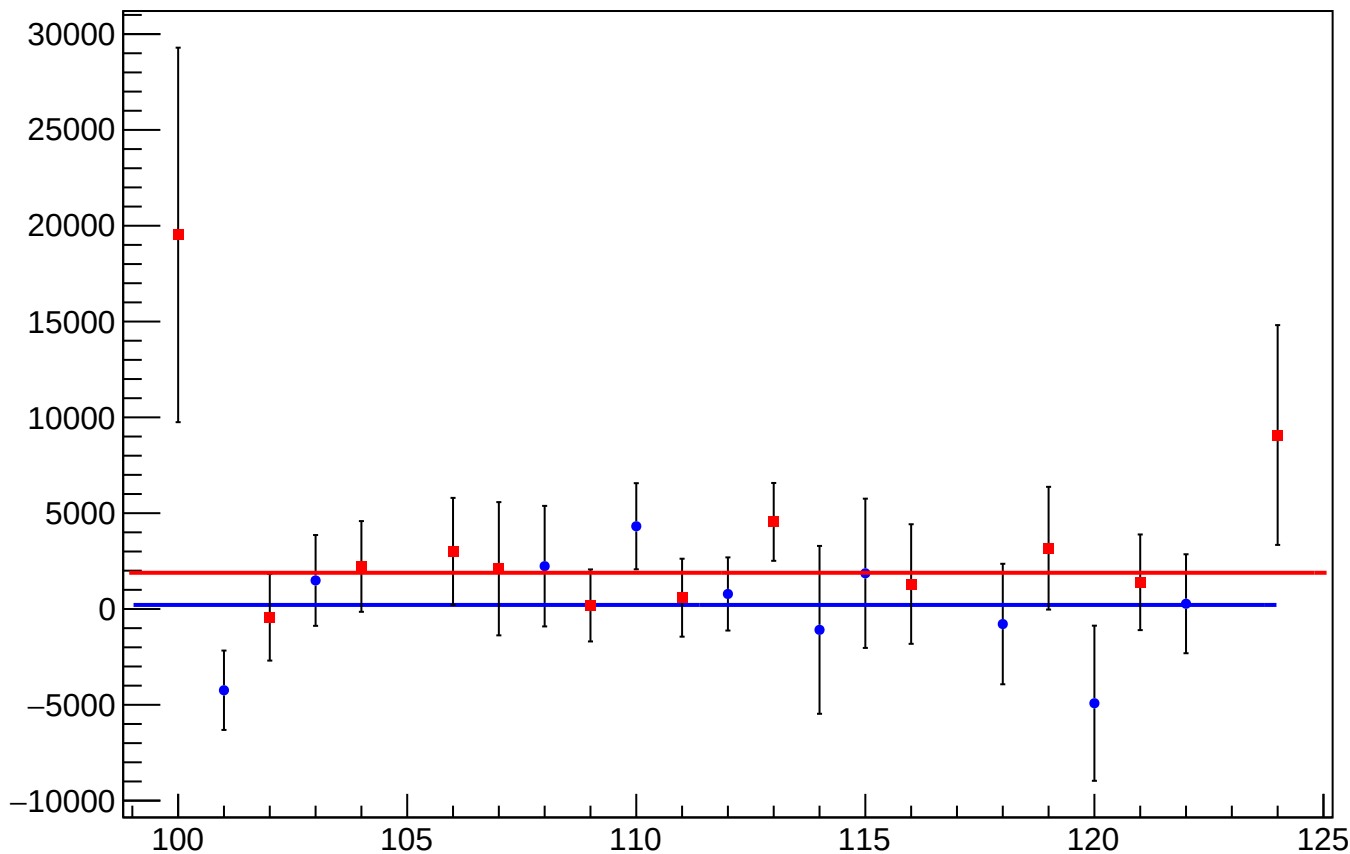
Right: 120.316+/-0.031 χ^2/NDF : 1644261.0/21

In: 121.470+/-0.045 χ^2/NDF : 764879.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.316+/-0.031 χ^2/NDF : 1644261.0/21

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 212.084+/-840.637 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1890.456+/-755.019 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

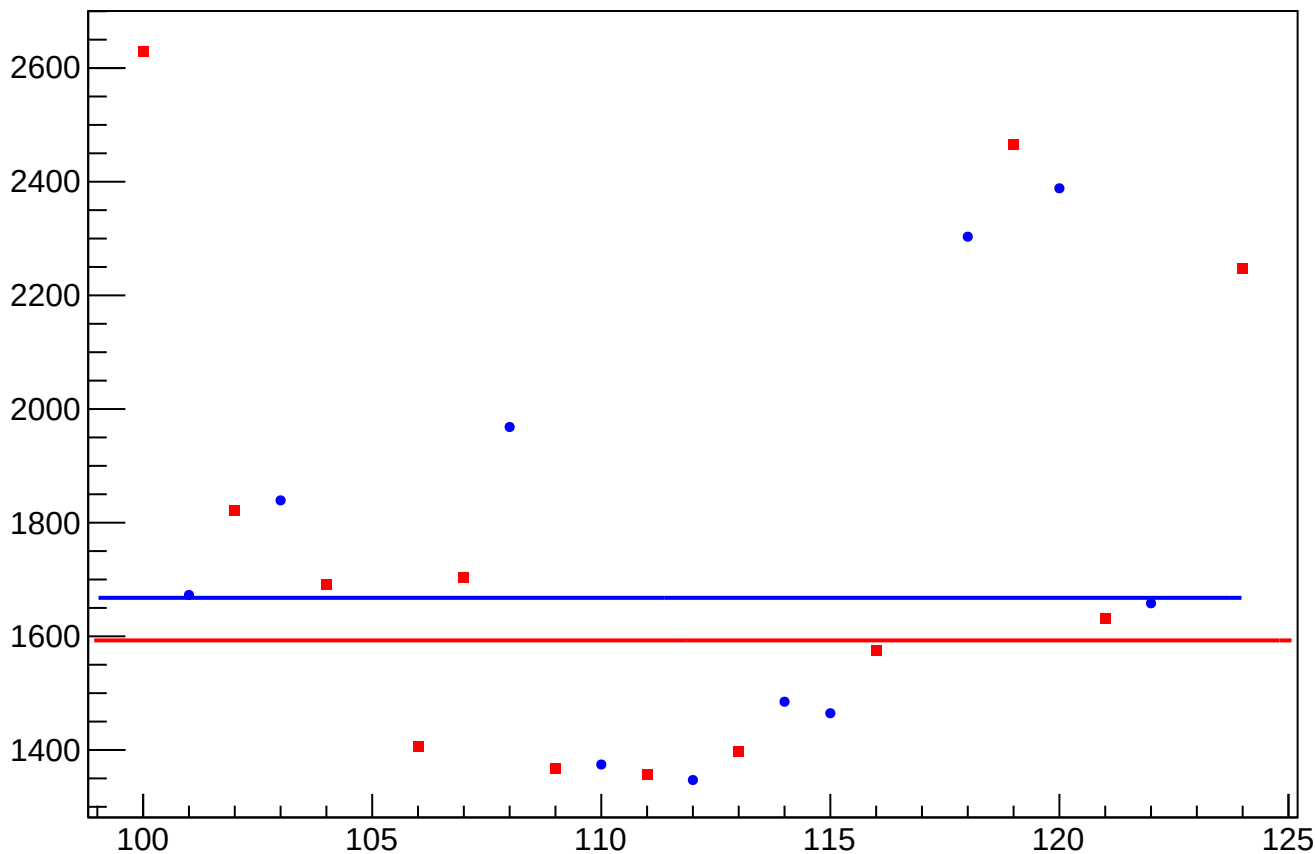
Right: 1141.068+/-561.717 χ^2/NDF : 22.2/21

In: 212.084+/-840.637 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1141.068+/-561.717 χ^2/NDF : 22.2/21

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1667.753+/-0.594 χ^2/NDF : 273337.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1592.847+/-0.534 χ^2/NDF : 306269.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

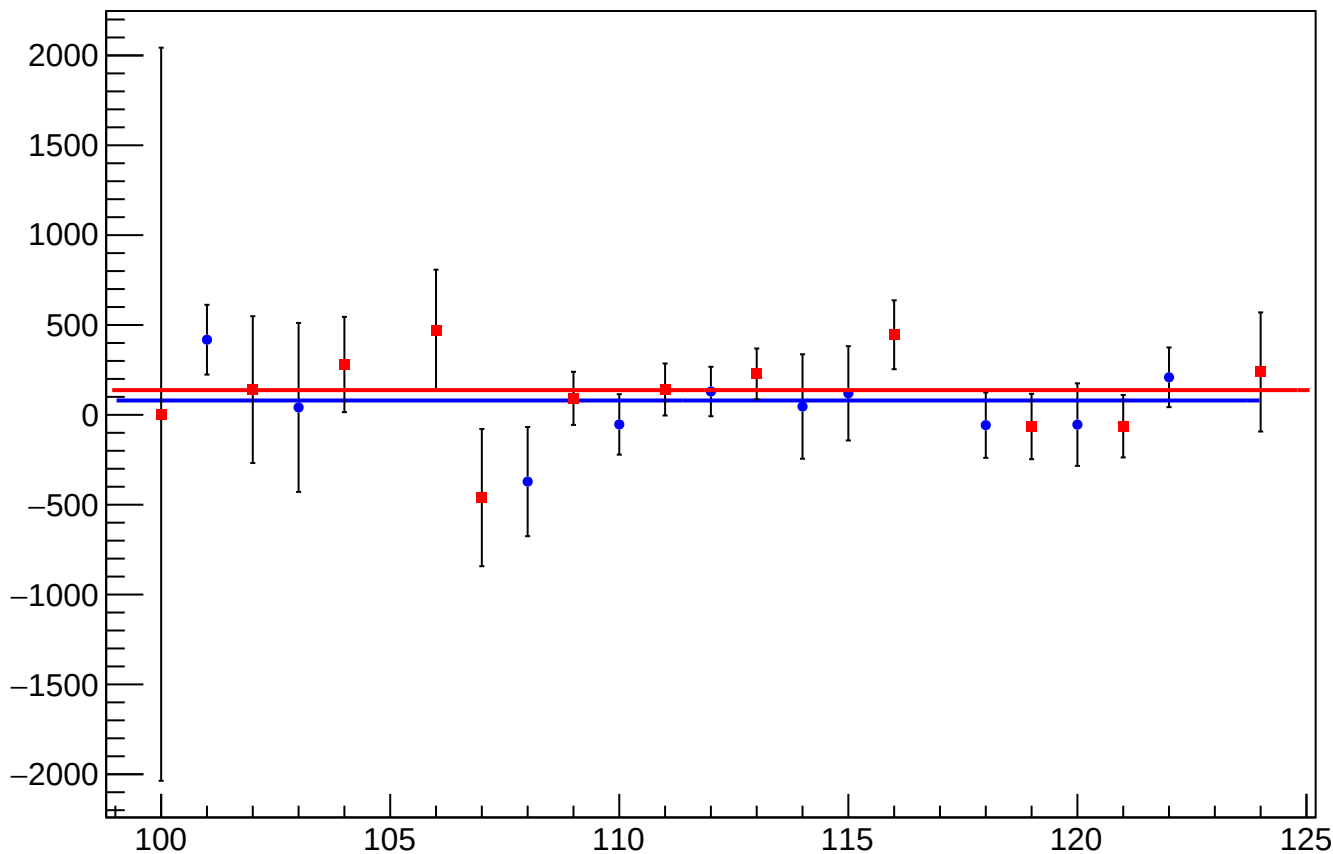
Right: 1626.292+/-0.397 χ^2/NDF : 588396.7/21

In: 1667.753+/-0.594 χ^2/NDF : 273337.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.292+/-0.397 χ^2/NDF : 588396.7/21

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 79.941+/-64.293 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.508+/-59.832 χ^2/NDF : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

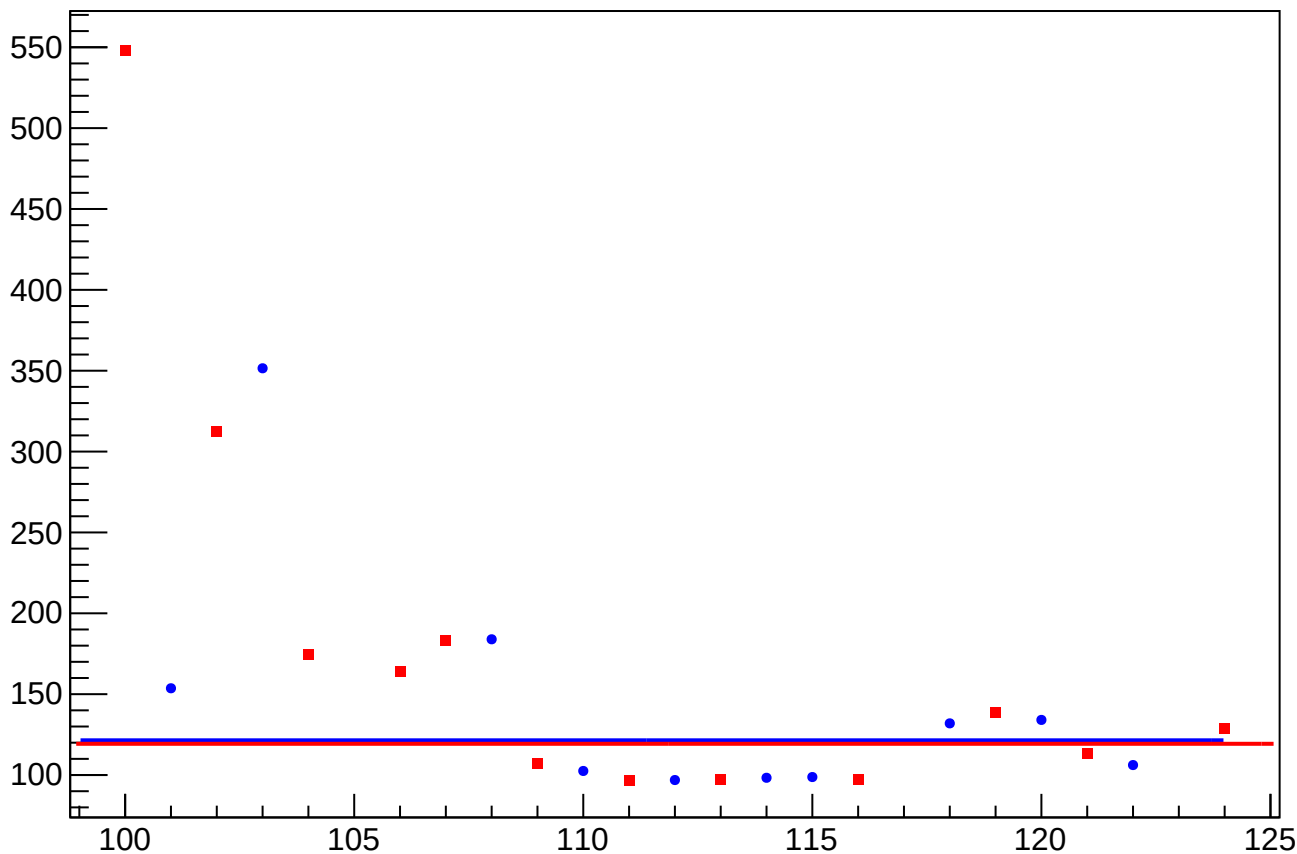
Right: 110.791+/-43.800 χ^2/NDF : 17.5/21

In: 79.941+/-64.293 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.791+/-43.800 χ^2/NDF : 17.5/21

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.470+/-0.045 χ^2/NDF : 764879.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.317+/-0.042 χ^2/NDF : 878180.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

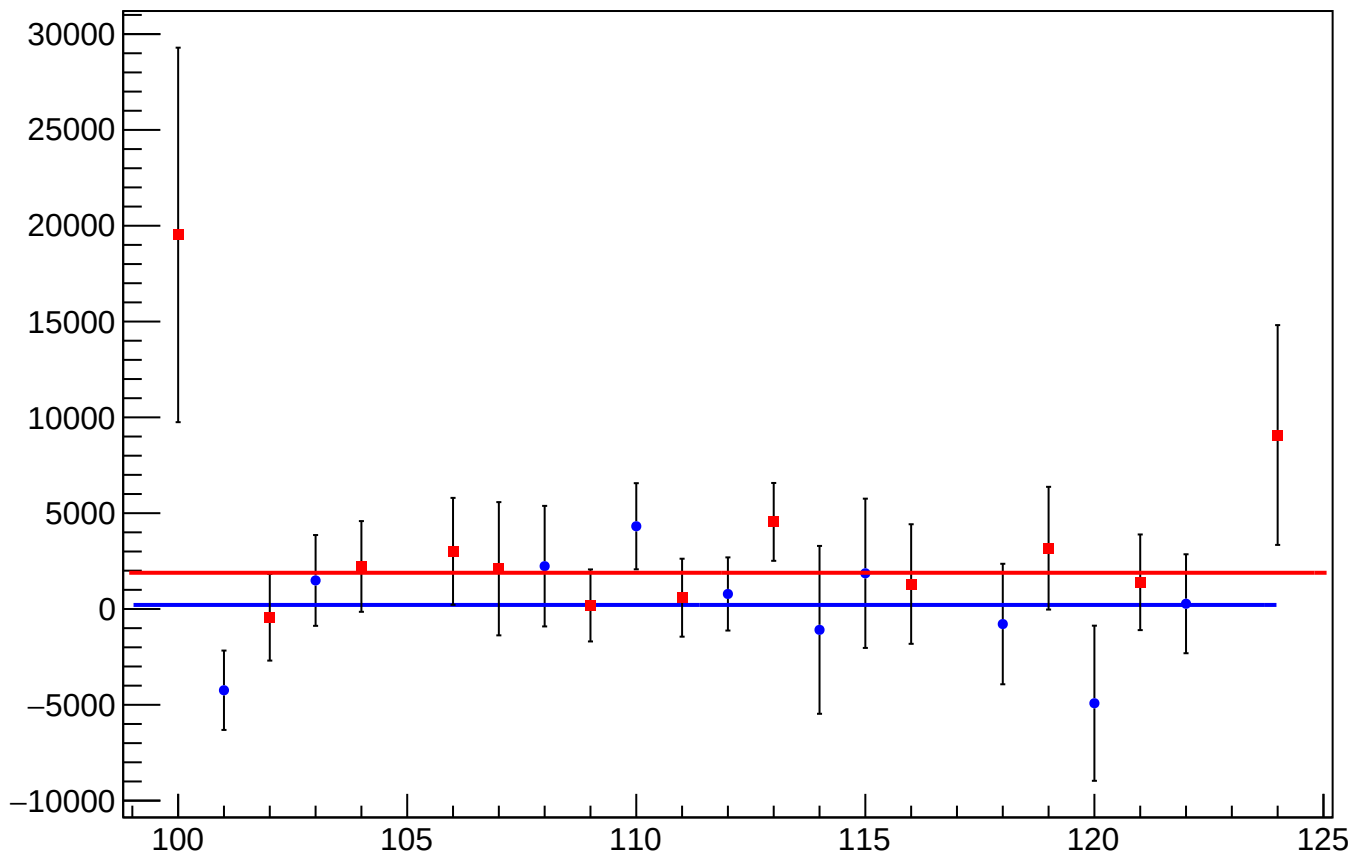
Right: 120.316+/-0.031 χ^2/NDF : 1644261.0/21

In: 121.470+/-0.045 χ^2/NDF : 764879.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.316+/-0.031 χ^2/NDF : 1644261.0/21

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 212.084+/-840.637 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1890.456+/-755.019 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

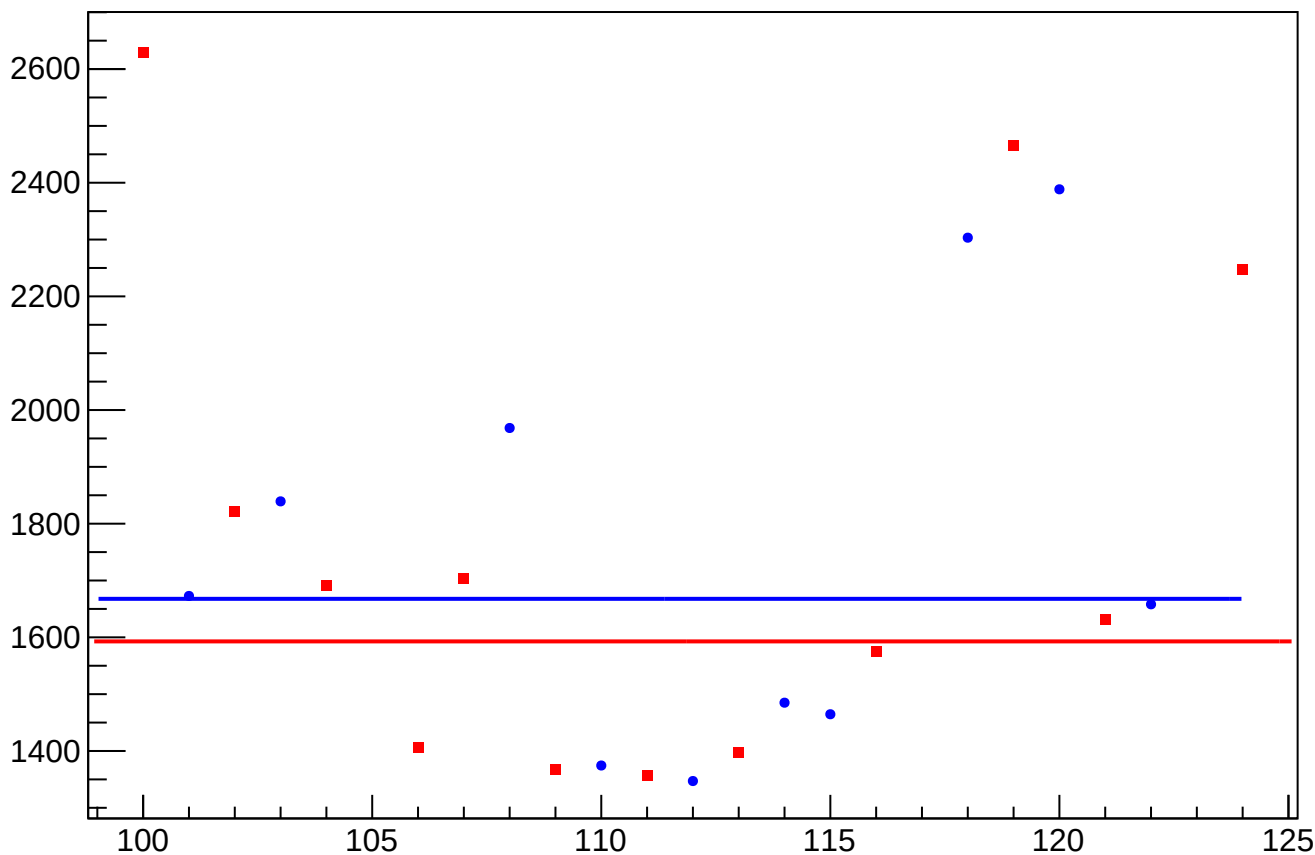
Right: 1141.068+/-561.717 χ^2/NDF : 22.2/21

In: 212.084+/-840.637 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1141.068+/-561.717 χ^2/NDF : 22.2/21

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1667.753+/-0.594 χ^2/NDF : 273337.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1592.847+/-0.534 χ^2/NDF : 306269.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

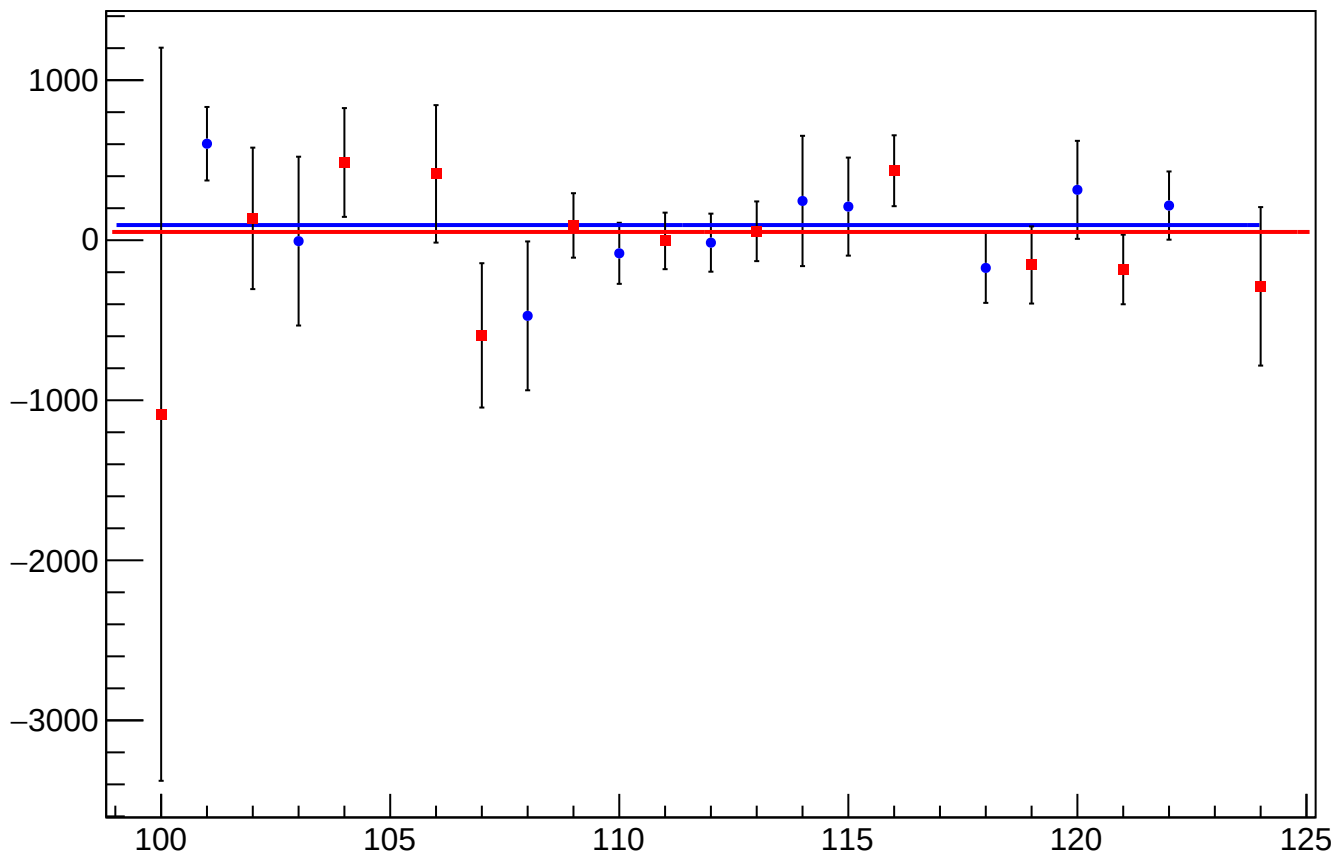
Right: 1626.292+/-0.397 χ^2/NDF : 588396.7/21

In: 1667.753+/-0.594 χ^2/NDF : 273337.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.292+/-0.397 χ^2/NDF : 588396.7/21

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.737+/-80.218 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.629+/-76.120 χ^2/NDF : 10.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

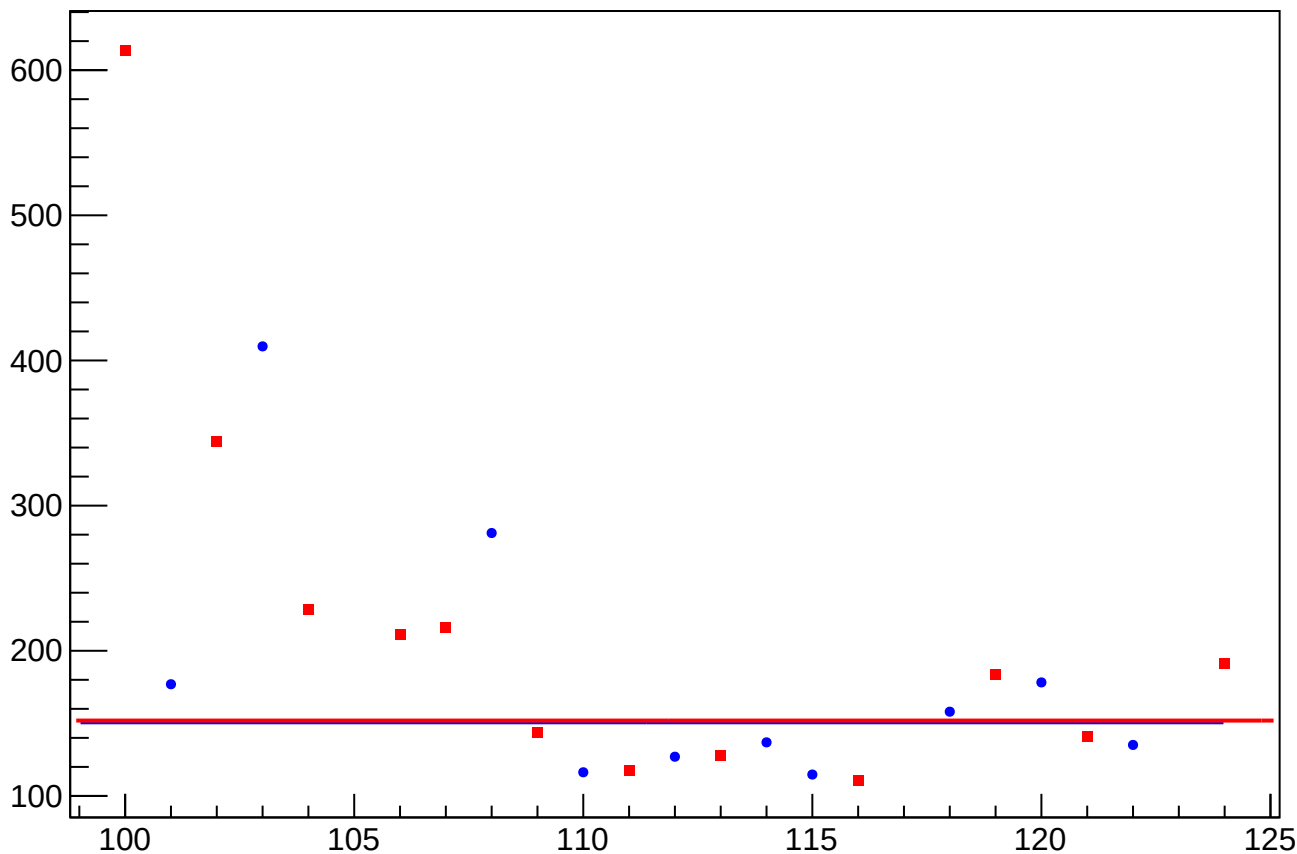
Right: 72.054+/-55.217 χ^2/NDF : 20.6/21

In: 94.737+/-80.218 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.054+/-55.217 χ^2/NDF : 20.6/21

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 150.735+/-0.057 χ^2/NDF : 823778.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.927+/-0.054 χ^2/NDF : 874687.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

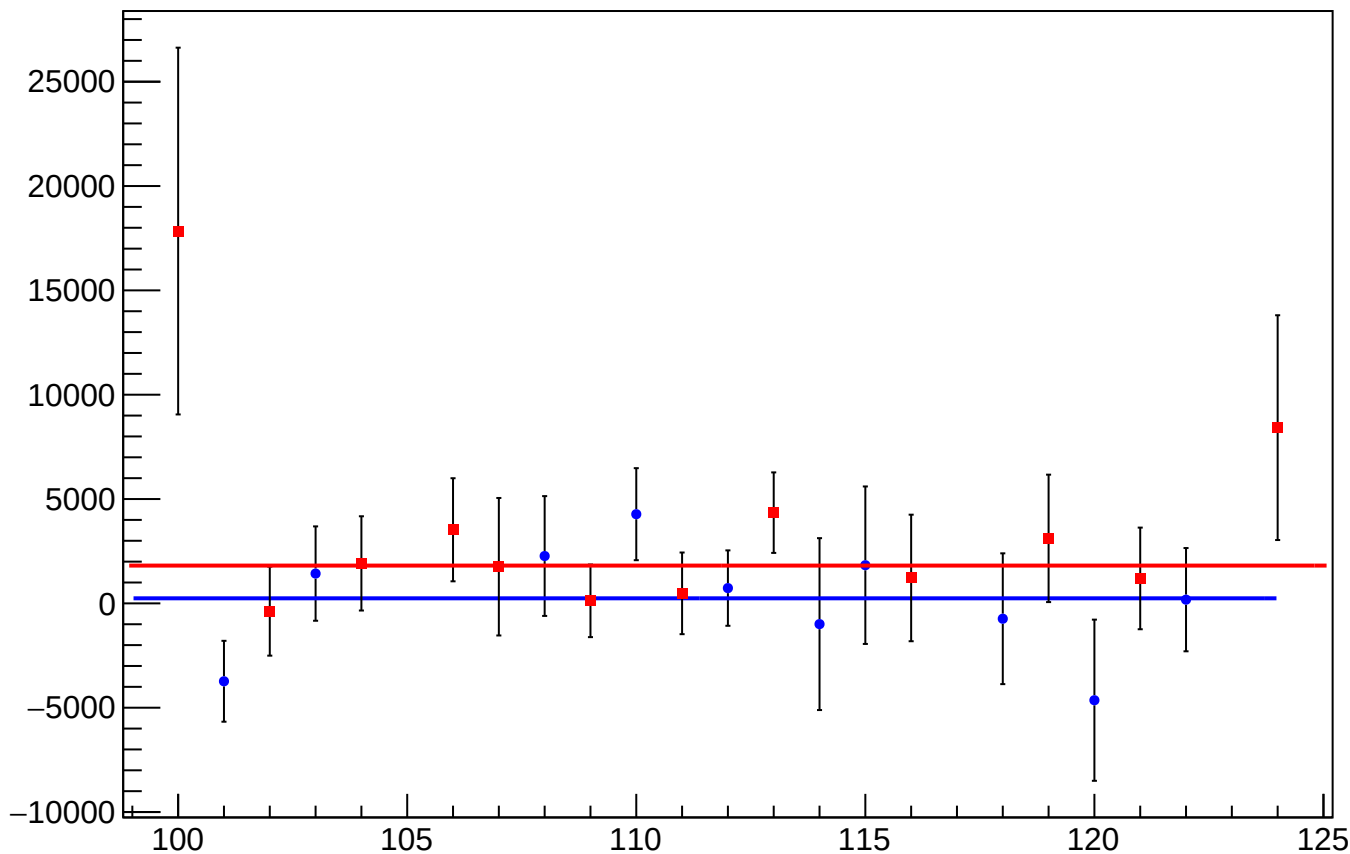
Right: 151.362+/-0.039 χ^2/NDF : 1698698.3/21

In: 150.735+/-0.057 χ^2/NDF : 823778.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.362+/-0.039 χ^2/NDF : 1698698.3/21

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 242.356+/-801.552 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1811.161+/-713.526 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

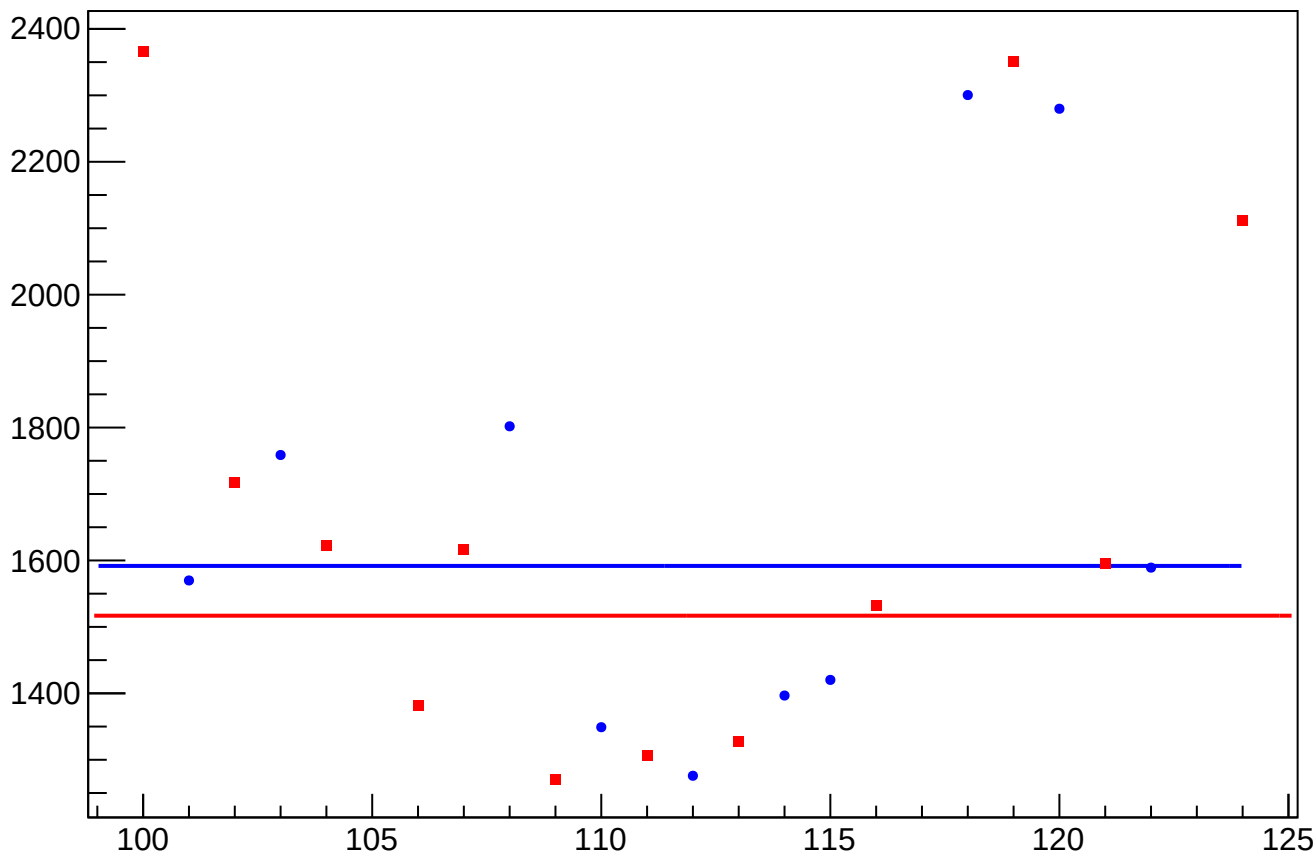
Right: 1117.599+/-532.954 χ^2/NDF : 22.3/21

In: 242.356+/-801.552 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1117.599+/-532.954 χ^2/NDF : 22.3/21

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1591.778+/-0.567 χ^2/NDF : 281577.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1516.859+/-0.505 χ^2/NDF : 306907.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

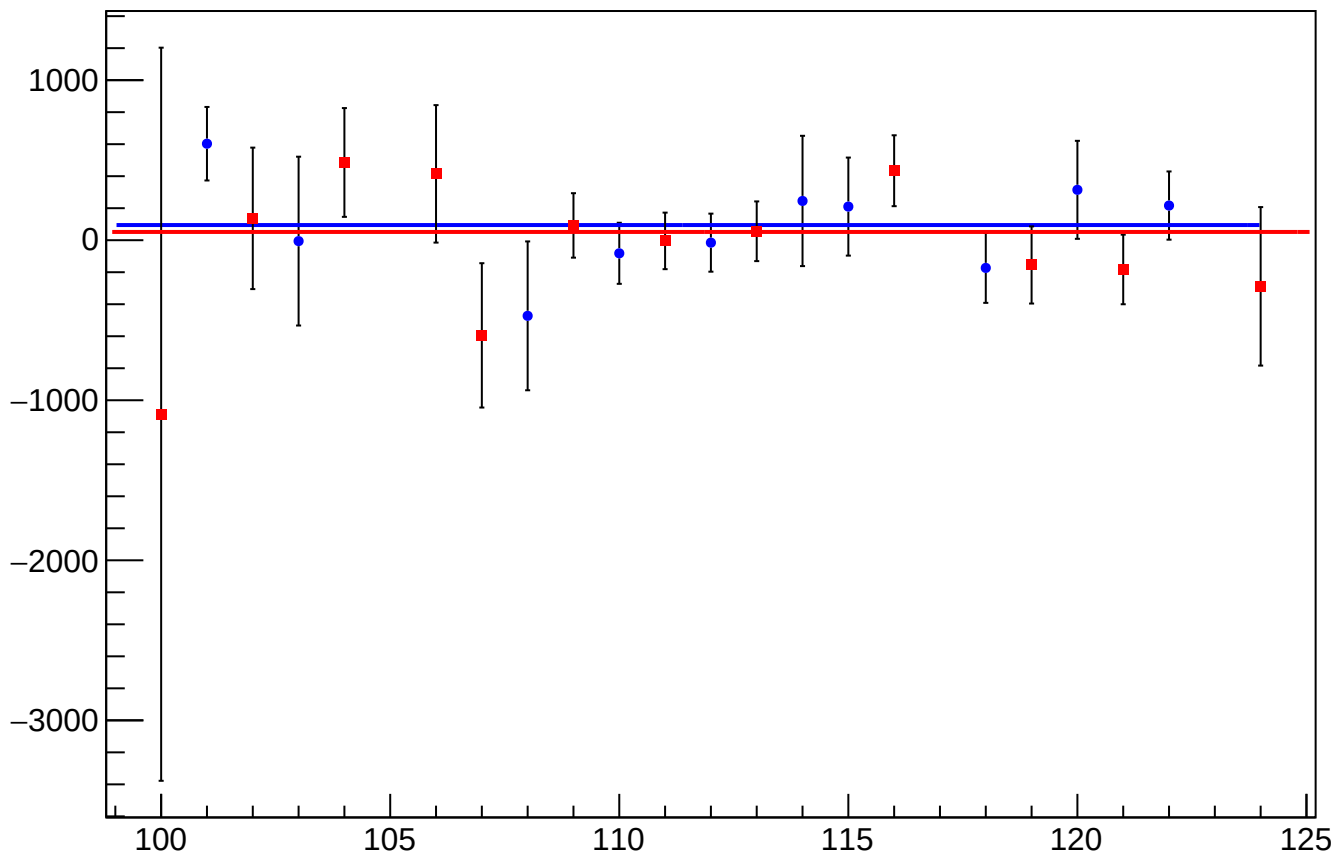
Right: 1549.981+/-0.377 χ^2/NDF : 598232.6/21

In: 1591.778+/-0.567 χ^2/NDF : 281577.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.981+/-0.377 χ^2/NDF : 598232.6/21

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.734+/-80.218 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 51.626+/-76.121 χ^2/NDF : 10.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

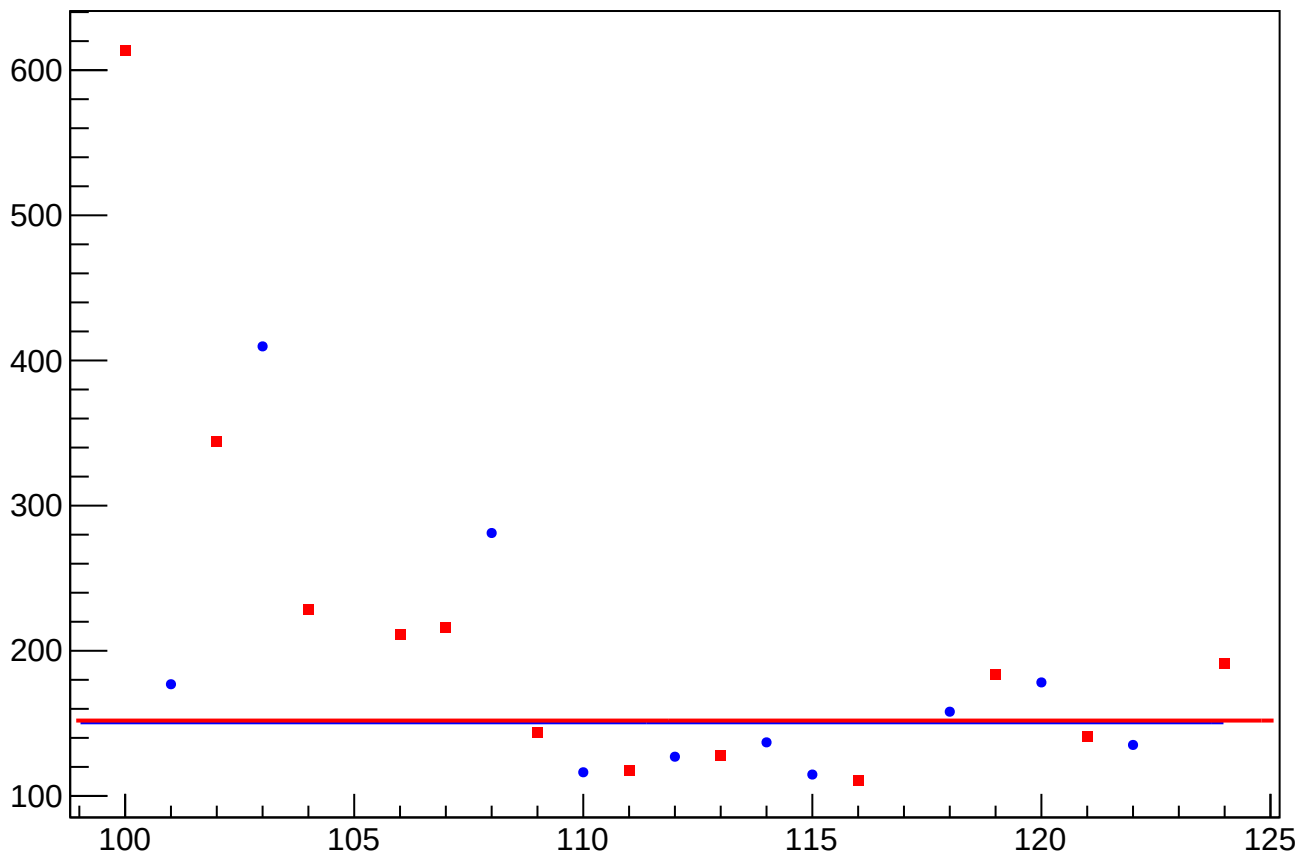
Right: 72.051+/-55.217 χ^2/NDF : 20.6/21

In: 94.734+/-80.218 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 72.051+/-55.217 χ^2/NDF : 20.6/21

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 150.736+/-0.057 χ^2/NDF : 823772.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.928+/-0.054 χ^2/NDF : 874686.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

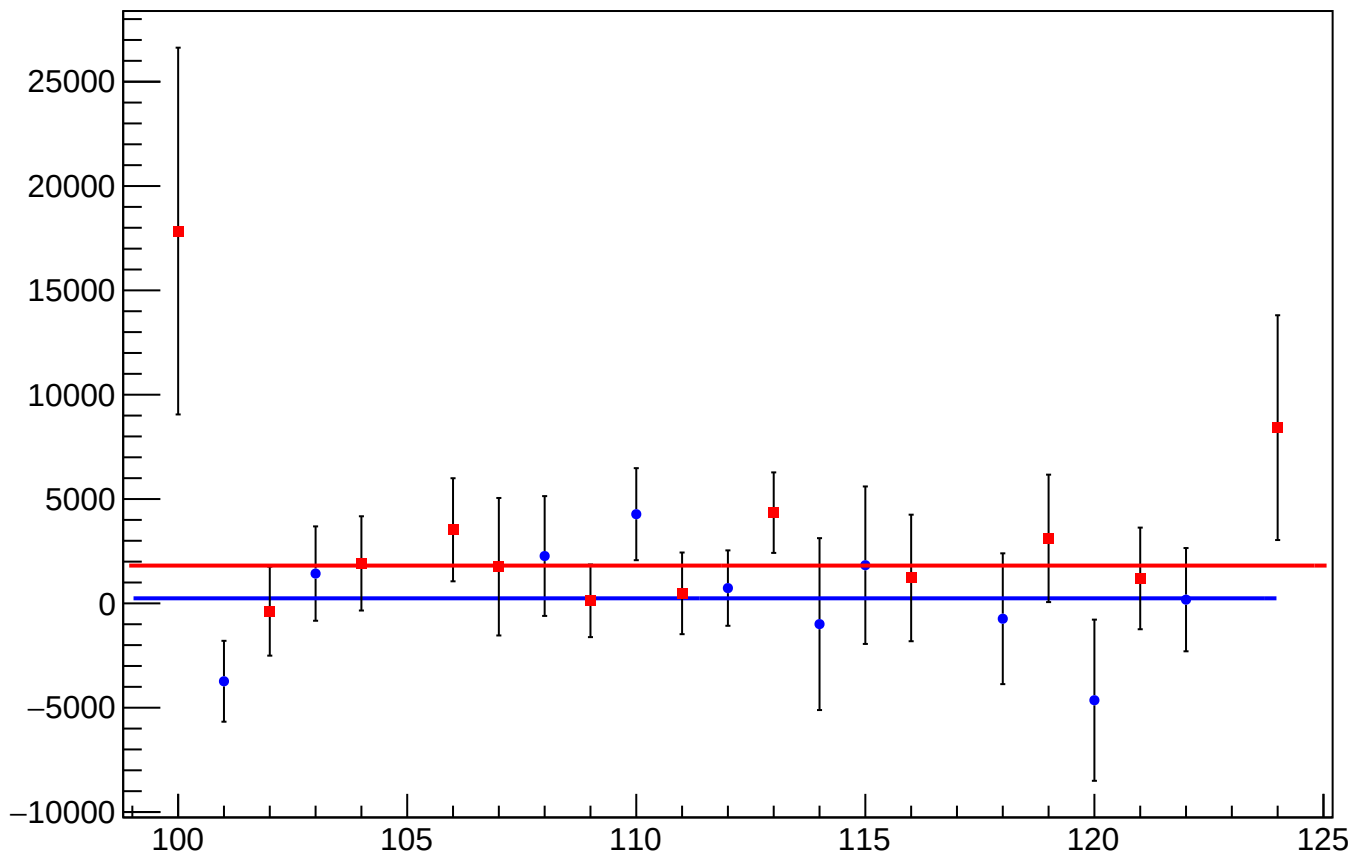
Right: 151.363+/-0.039 χ^2/NDF : 1698691.9/21

In: 150.736+/-0.057 χ^2/NDF : 823772.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.363+/-0.039 χ^2/NDF : 1698691.9/21

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 242.355+/-801.550 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1811.157+/-713.524 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

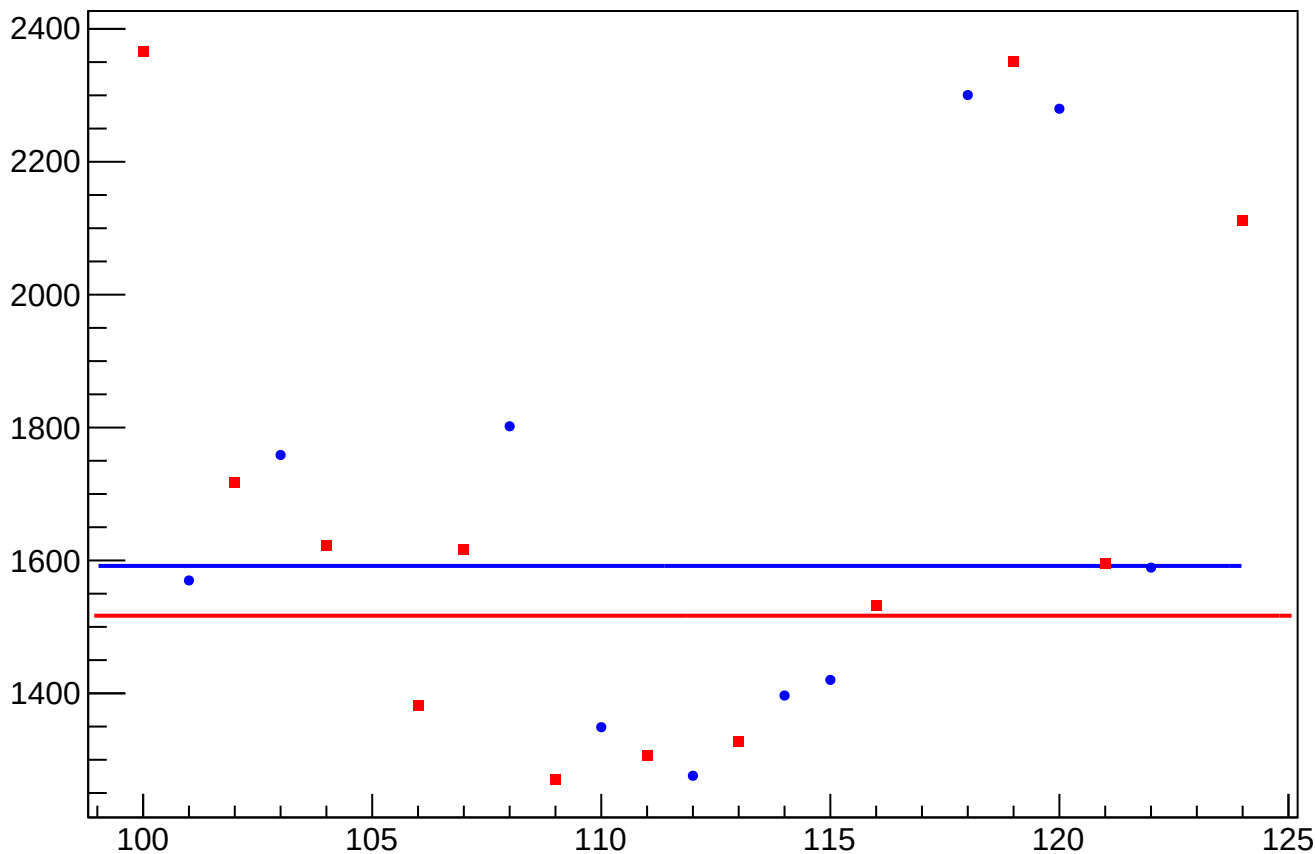
Right: 1117.597+/-532.953 χ^2/NDF : 22.3/21

In: 242.355+/-801.550 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1117.597+/-532.953 χ^2/NDF : 22.3/21

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1591.775+/-0.567 χ^2/NDF : 281579.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1516.856+/-0.505 χ^2/NDF : 306907.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

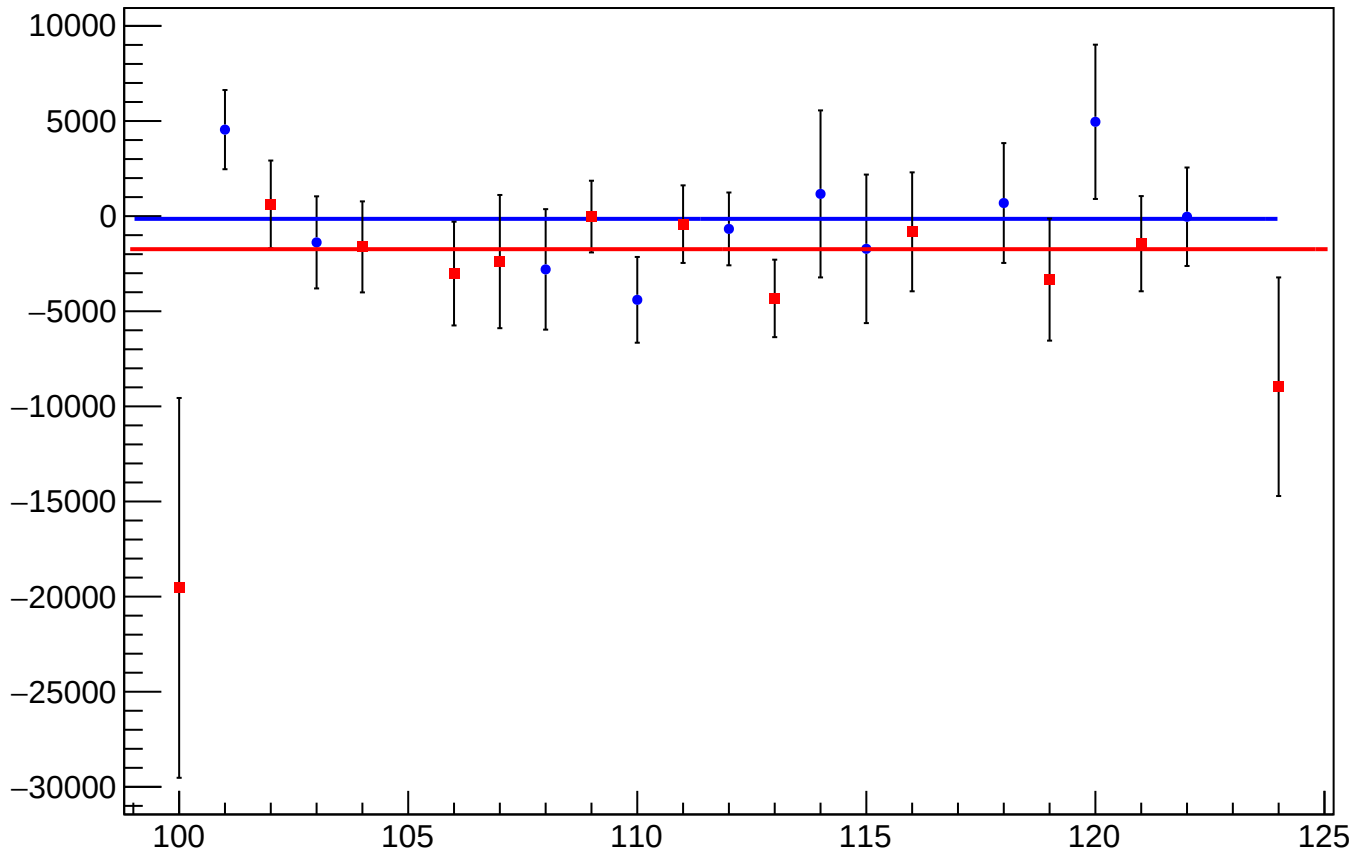
Right: 1549.978+/-0.377 χ^2/NDF : 598234.5/21

In: 1591.775+/-0.567 χ^2/NDF : 281579.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.978+/-0.377 χ^2/NDF : 598234.5/21

asym_sam3_mean vs Slug, Sign Corrected



Right In: -142.670+/-845.325 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1736.885+/-757.694 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

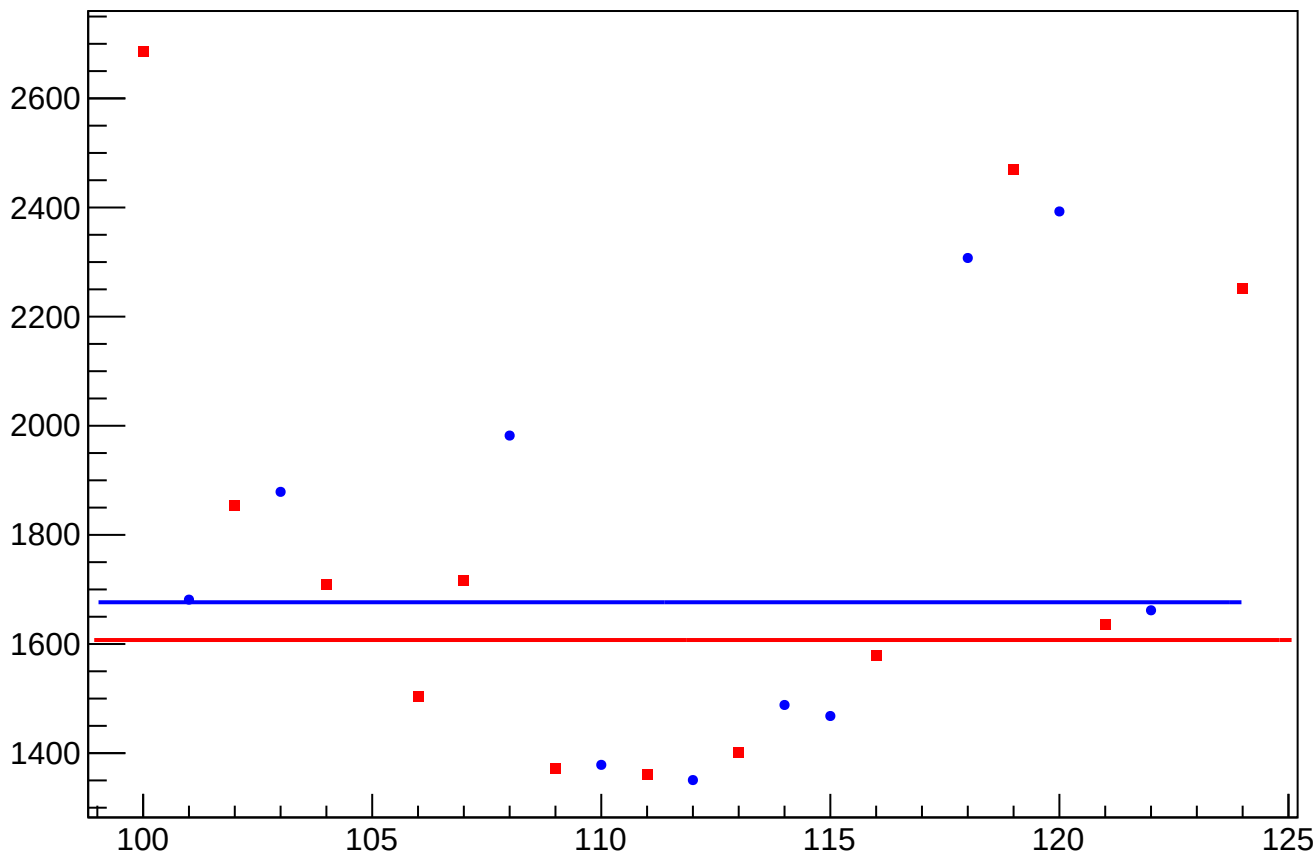
Right: -1026.667+/-564.217 χ^2/NDF : 22.8/21

In: -142.670+/-845.325 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1026.667+/-564.217 χ^2/NDF : 22.8/21

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1676.525+/-0.598 χ^2/NDF : 277638.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.323+/-0.536 χ^2/NDF : 305723.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

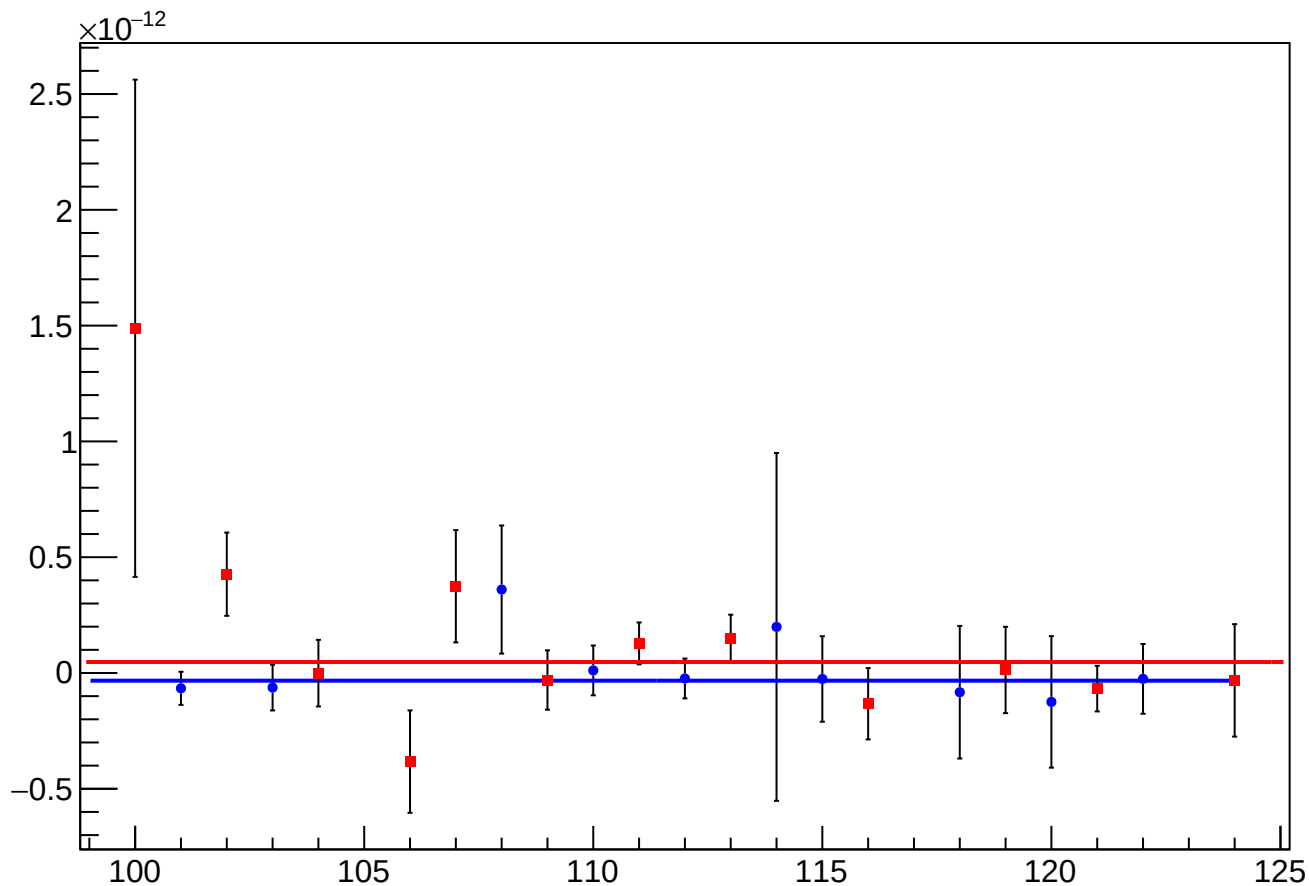
Right: 1638.152+/-0.399 χ^2/NDF : 590794.2/21

In: 1676.525+/-0.598 χ^2/NDF : 277638.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1638.152+/-0.399 χ^2/NDF : 590794.2/21

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 2.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 16.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

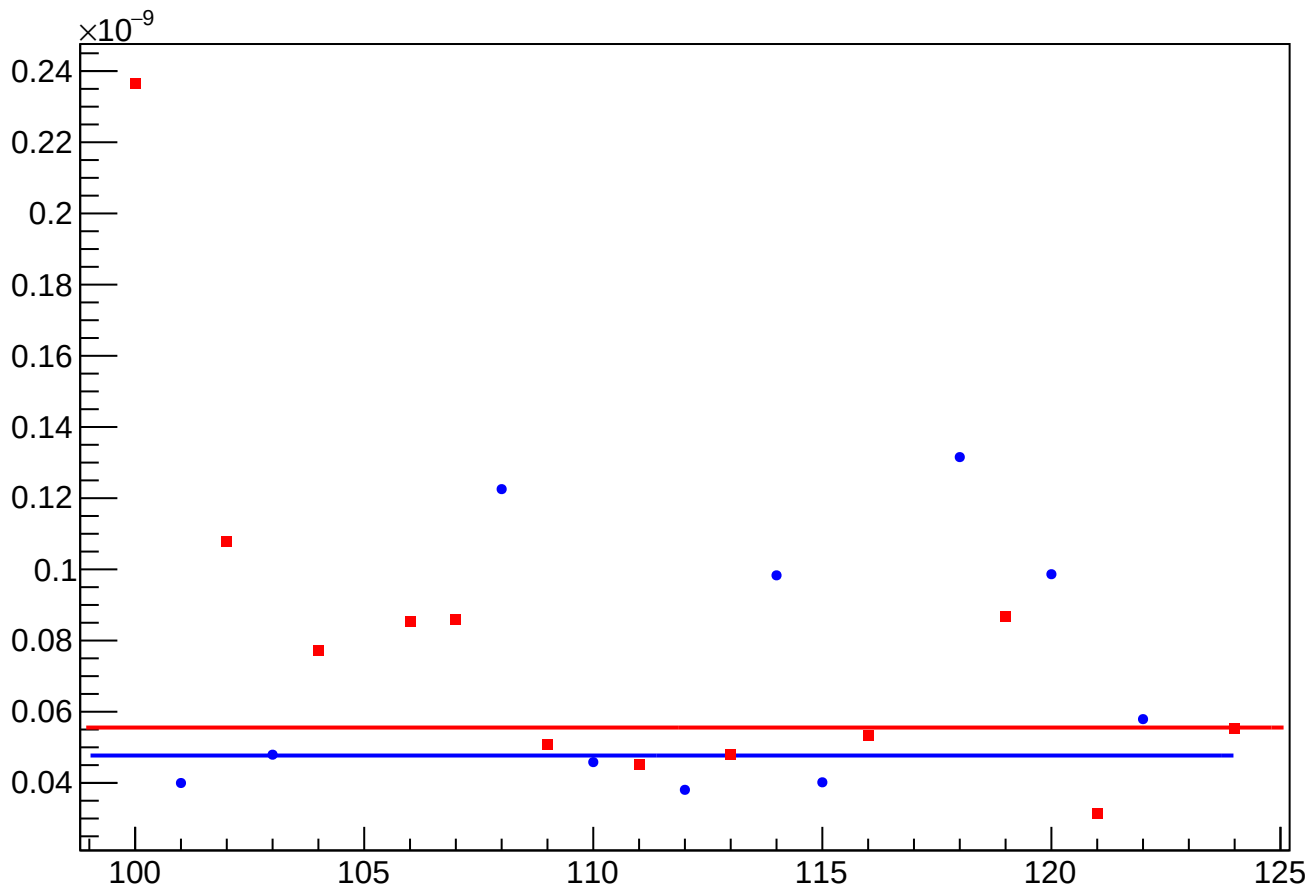
Right: 0.000 ± 0.000 χ^2/NDF : 21.6/21

In: -0.000 ± 0.000 χ^2/NDF : 2.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 21.6/21

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 453195.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 554685.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

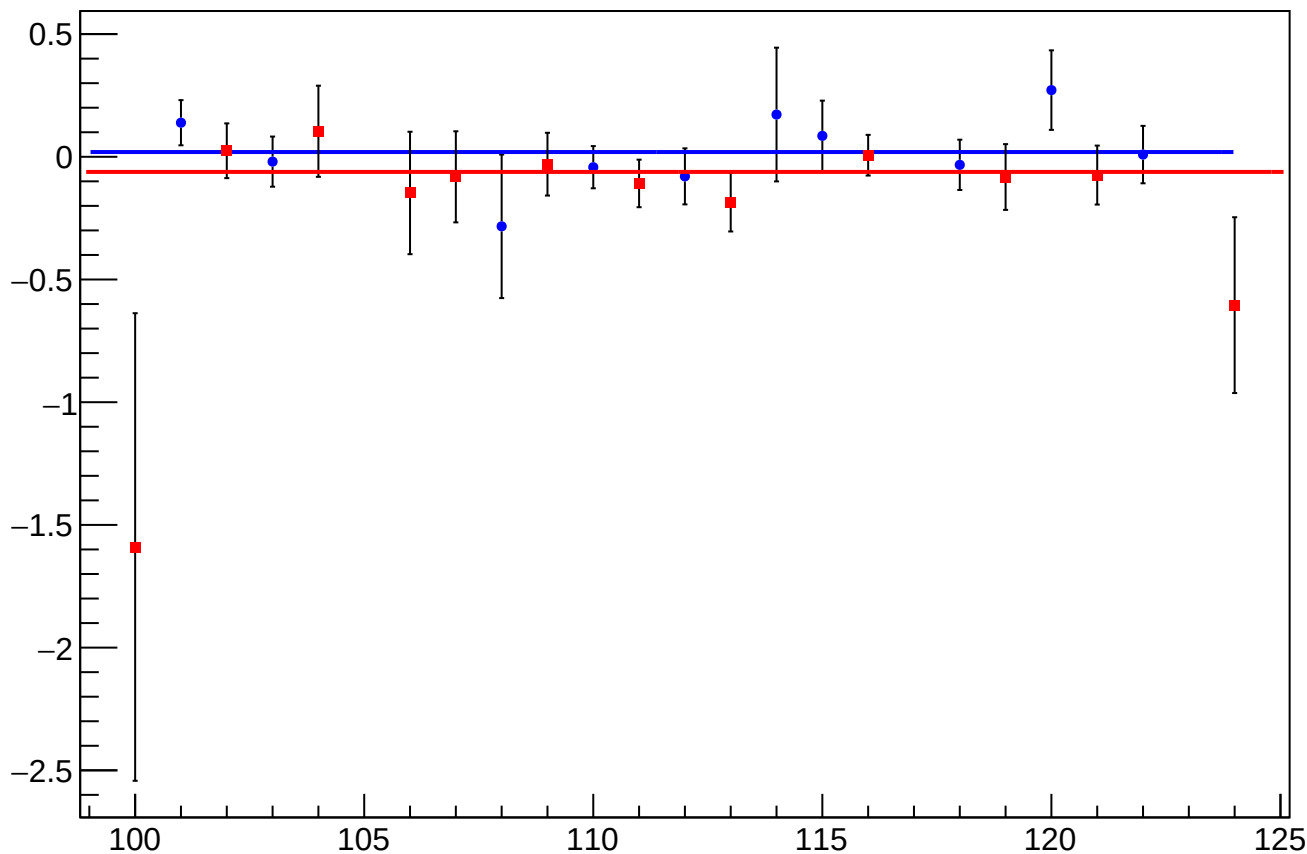
Right: 0.000+/-0.000 χ^2/NDF : 1045426.3/21

In: 0.000+/-0.000 χ^2/NDF :453195.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1045426.3/21

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.062+/-0.039 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

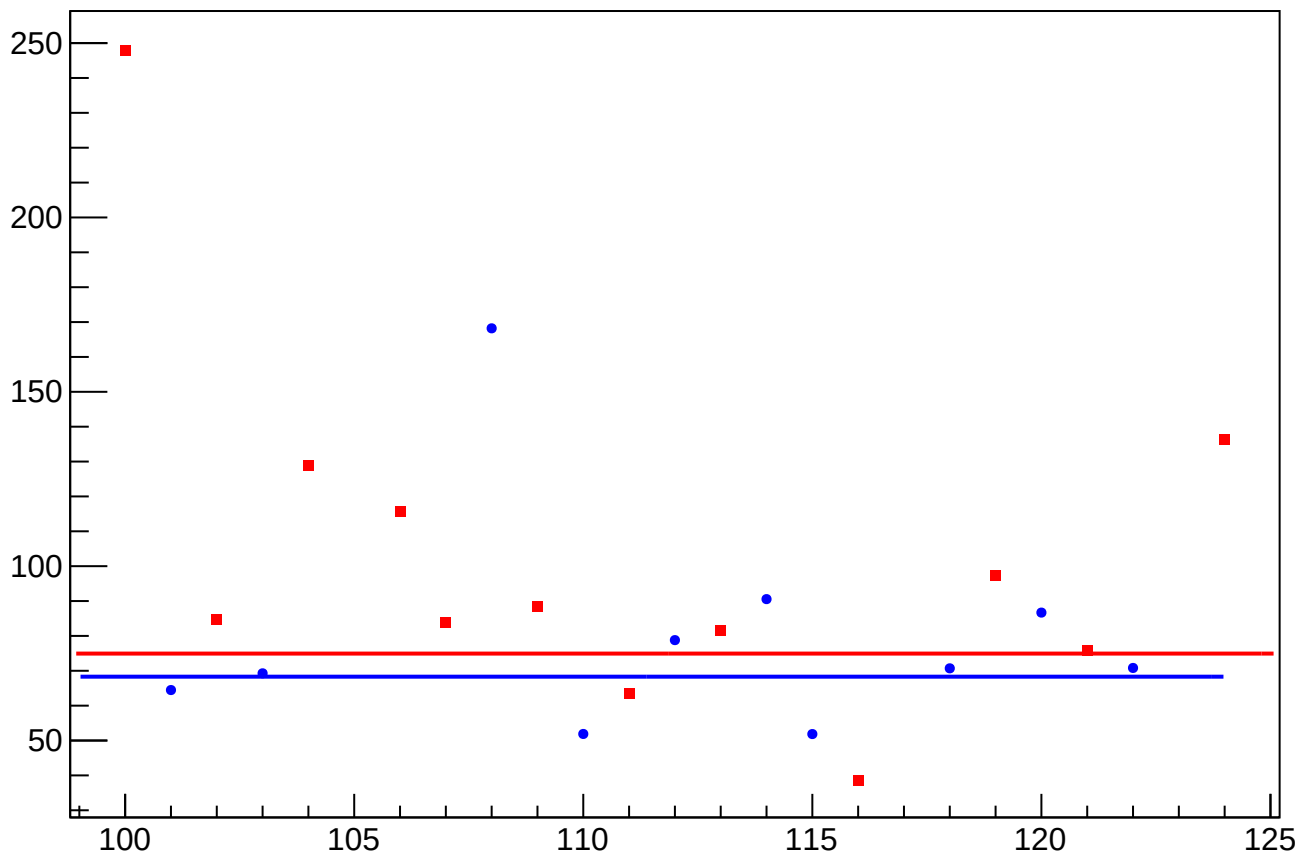
Right: -0.020+/-0.027 χ^2/NDF : 18.1/21

In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.027 χ^2/NDF : 18.1/21

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.311+/-0.027 χ^2/NDF : 394191.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.934+/-0.027 χ^2/NDF : 866021.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

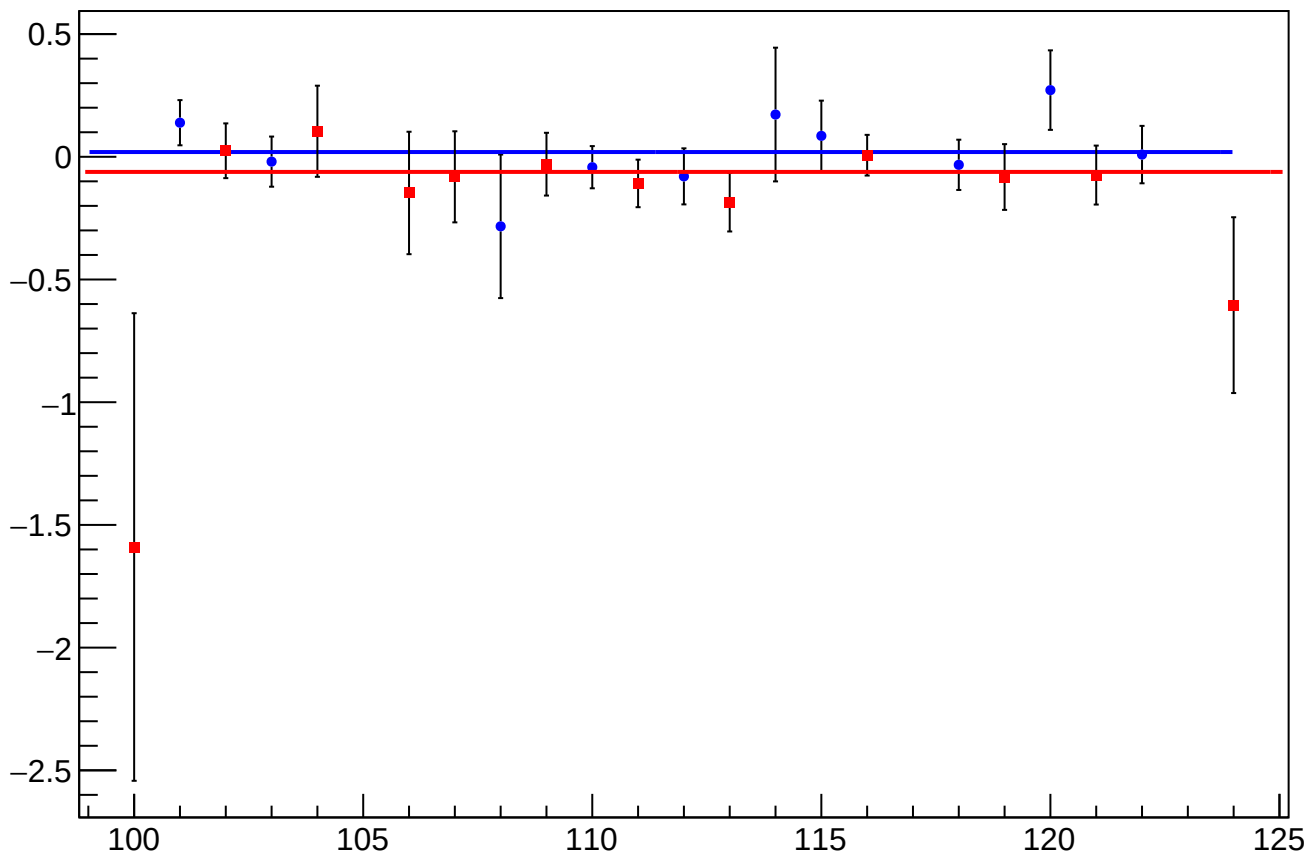
Right: 71.540+/-0.019 χ^2/NDF : 1290411.8/21

In: 68.311+/-0.027 χ^2/NDF : 394191.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.540+/-0.019 χ^2/NDF : 1290411.8/21

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.062+/-0.039 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

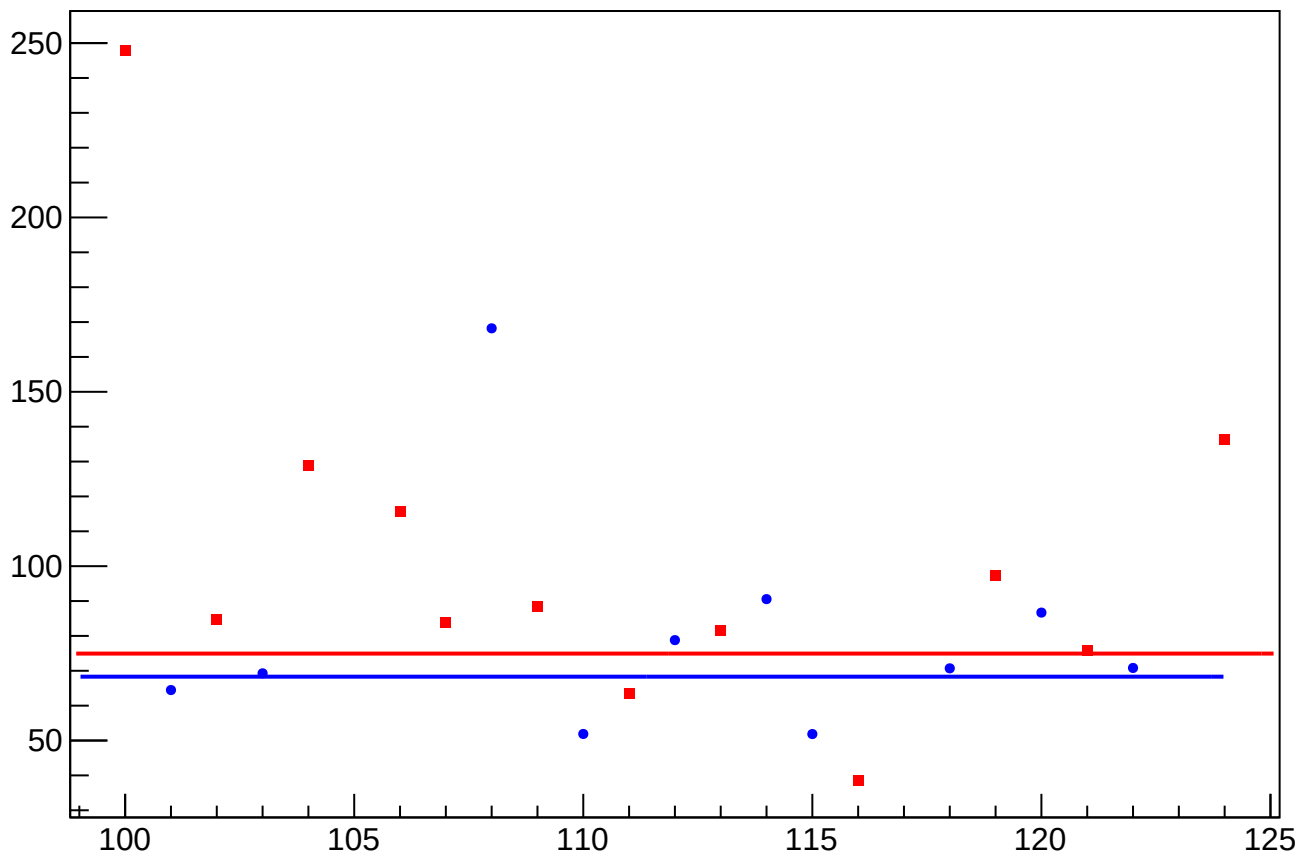
Right: -0.020+/-0.027 χ^2/NDF : 18.1/21

In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.027 χ^2/NDF : 18.1/21

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.311+/-0.027 χ^2/NDF : 394191.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.934+/-0.027 χ^2/NDF : 866021.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

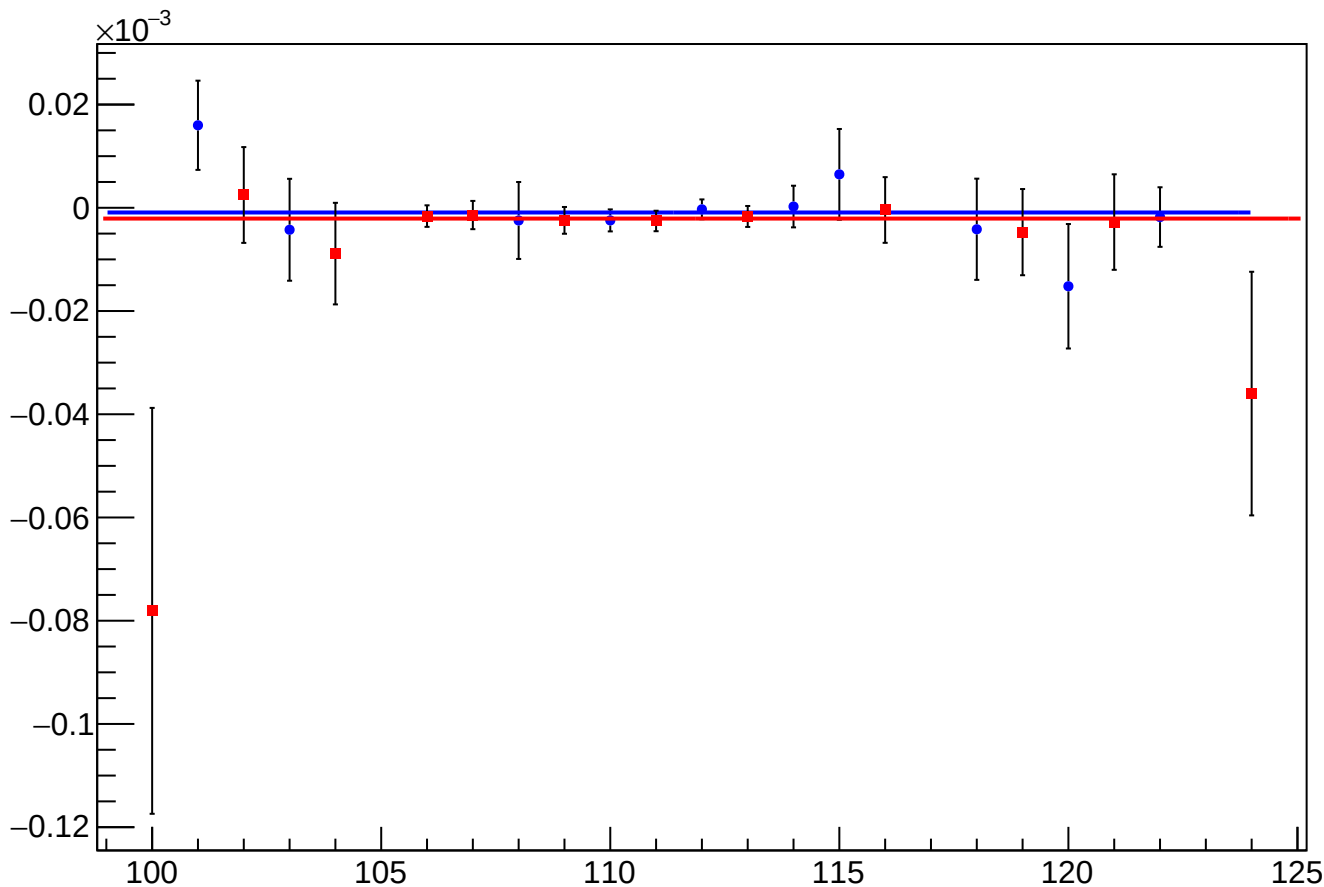
Right: 71.540+/-0.019 χ^2/NDF : 1290411.8/21

In: 68.311+/-0.027 χ^2/NDF : 394191.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.540+/-0.019 χ^2/NDF : 1290411.8/21

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 6.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 6.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

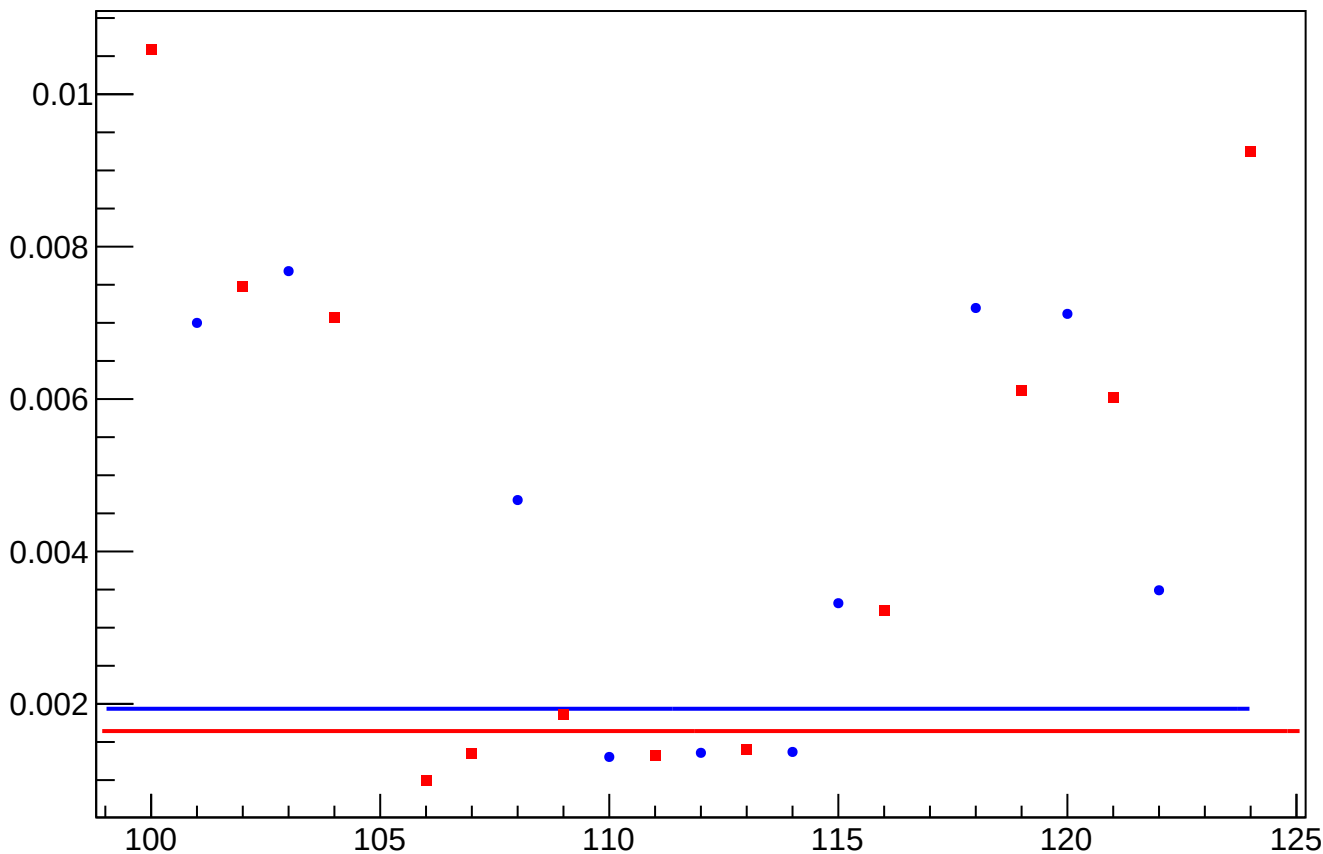
Right: -0.000 ± 0.000 χ^2/NDF : 14.4/21

In: -0.000 ± 0.000 χ^2/NDF : 6.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 14.4/21

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3170095.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3164796.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

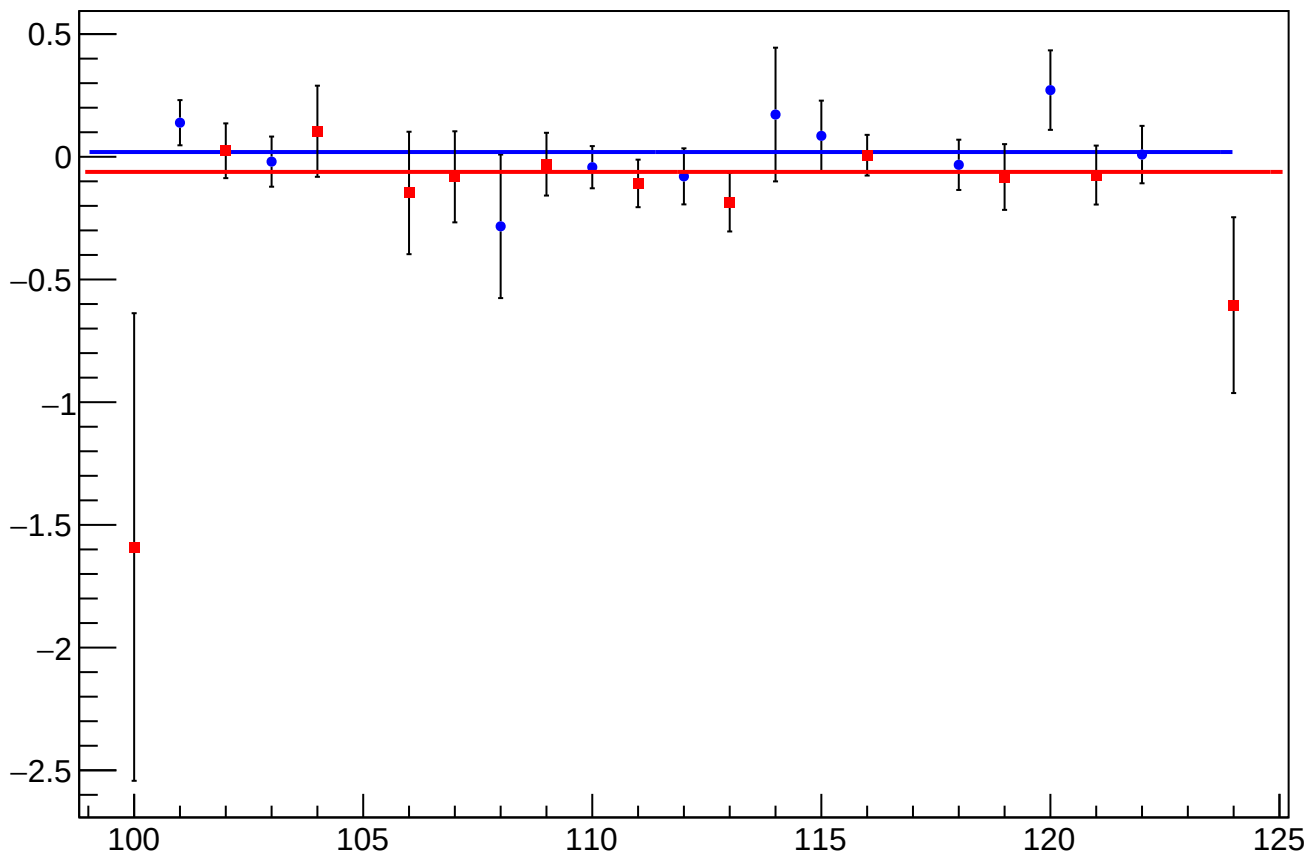
Right: 0.002+/-0.000 χ^2/NDF : 6404873.5/21

In: 0.002+/-0.000 χ^2/NDF :3170095.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6404873.5/21

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.062+/-0.039 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

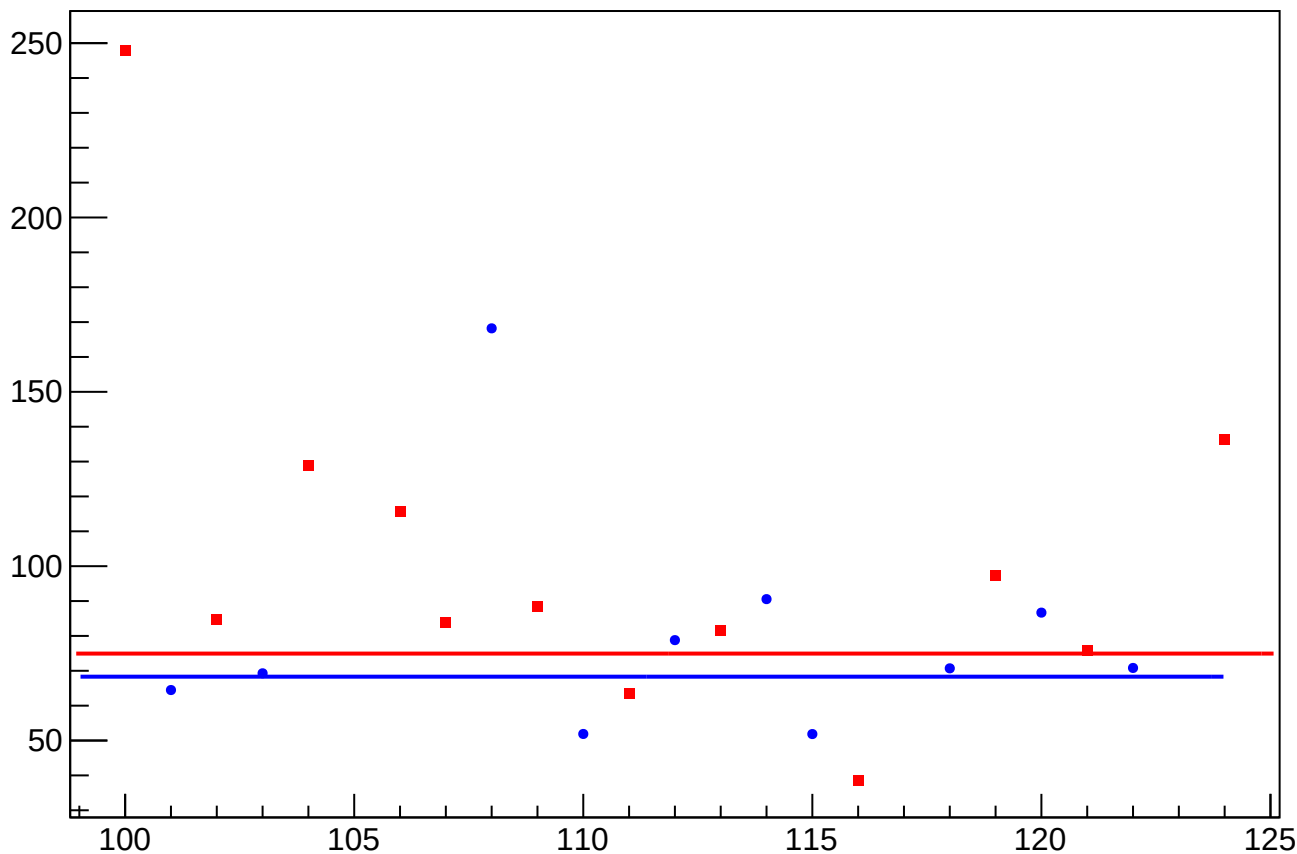
Right: -0.020+/-0.027 χ^2/NDF : 18.1/21

In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.027 χ^2/NDF : 18.1/21

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.314+/-0.027 χ^2/NDF : 394163.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.936+/-0.027 χ^2/NDF : 866025.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

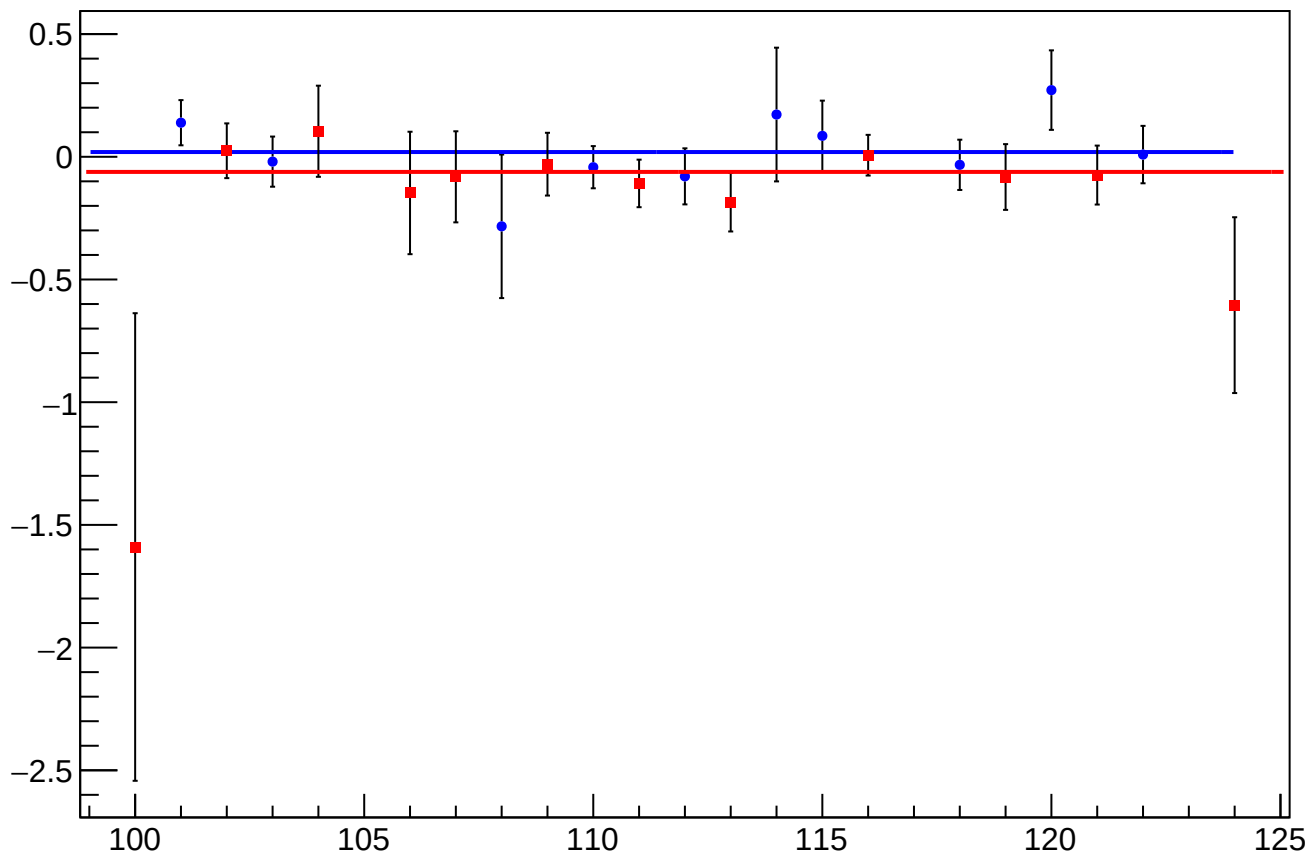
Right: 71.543+/-0.019 χ^2/NDF : 1290377.8/21

In: 68.314+/-0.027 χ^2/NDF : 394163.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.543+/-0.019 χ^2/NDF : 1290377.8/21

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.062+/-0.039 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

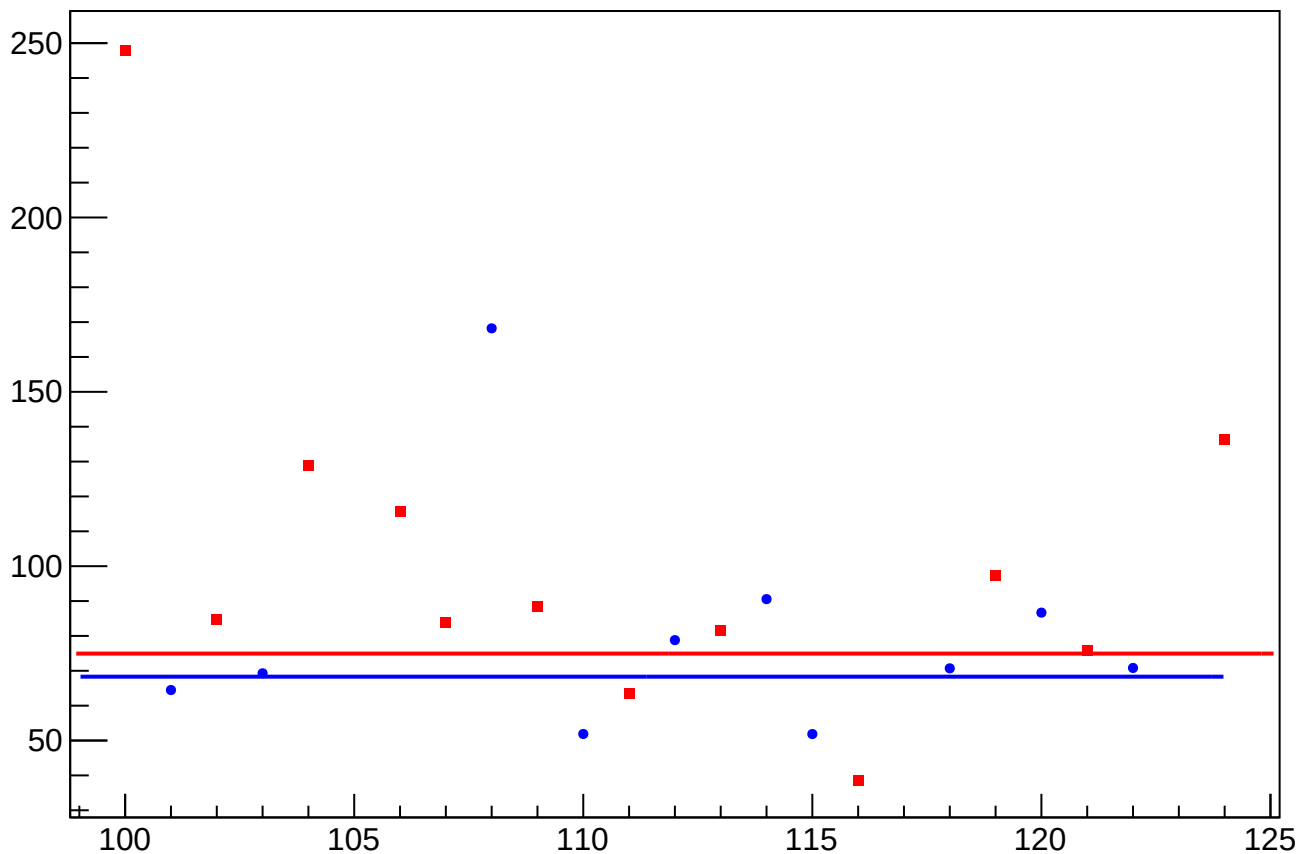
Right: -0.020+/-0.027 χ^2/NDF : 18.1/21

In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.027 χ^2/NDF : 18.1/21

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.314+/-0.027 χ^2/NDF : 394163.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.936+/-0.027 χ^2/NDF : 866025.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

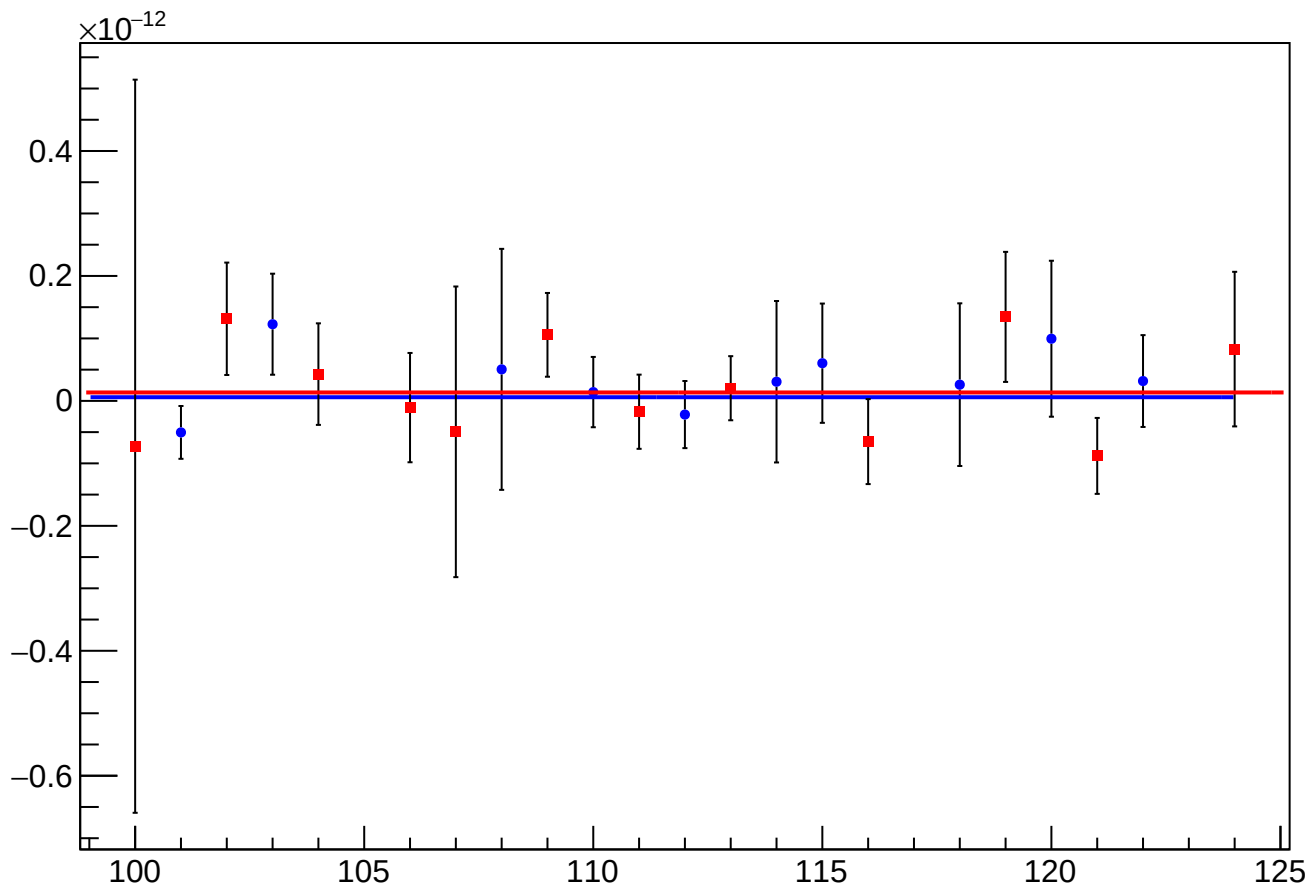
Right: 71.543+/-0.019 χ^2/NDF : 1290377.8/21

In: 68.314+/-0.027 χ^2/NDF : 394163.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.543+/-0.019 χ^2/NDF : 1290377.8/21

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

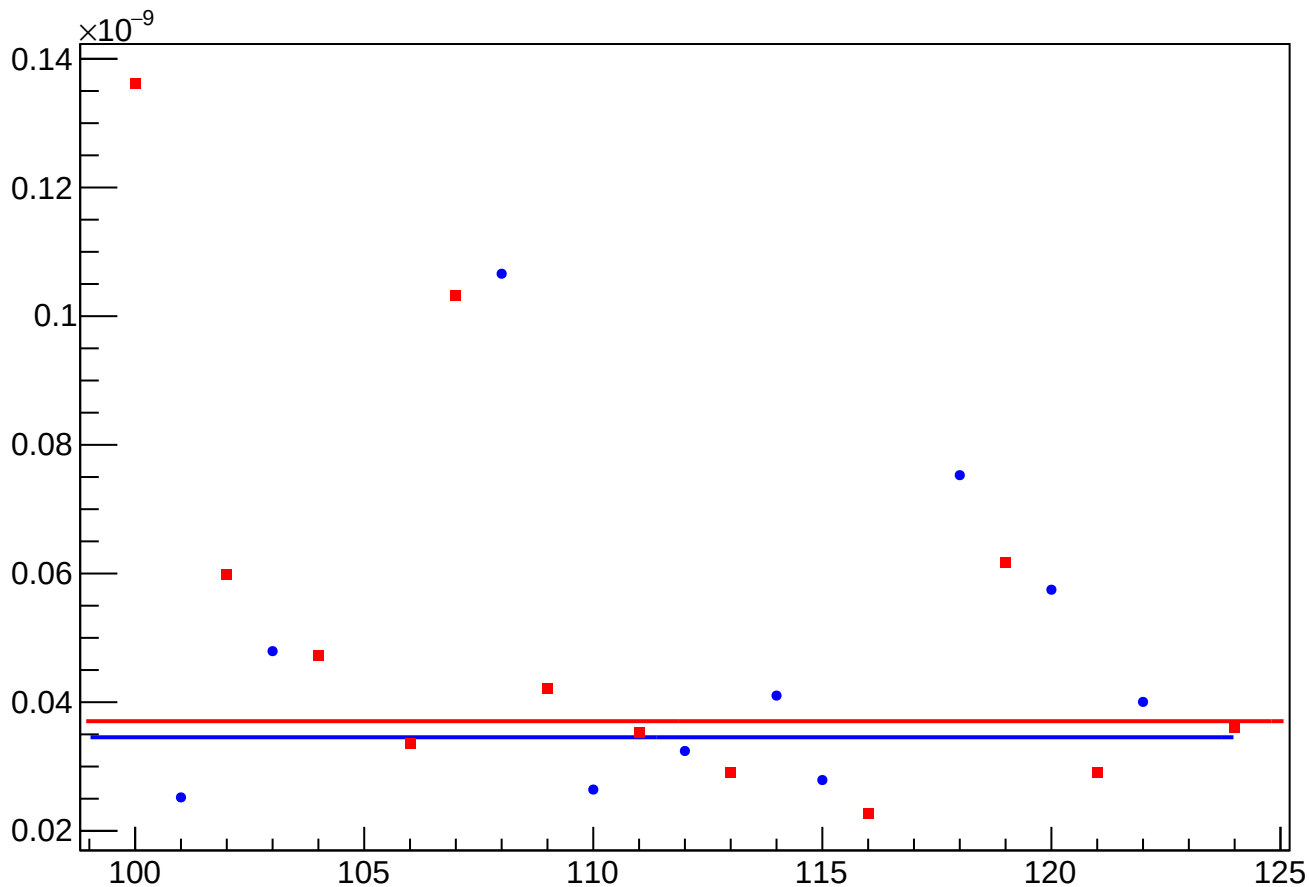
Right: 0.000+/-0.000 χ^2/NDF : 15.3/21

In: 0.000+/-0.000 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.3/21

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 765753.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 678354.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

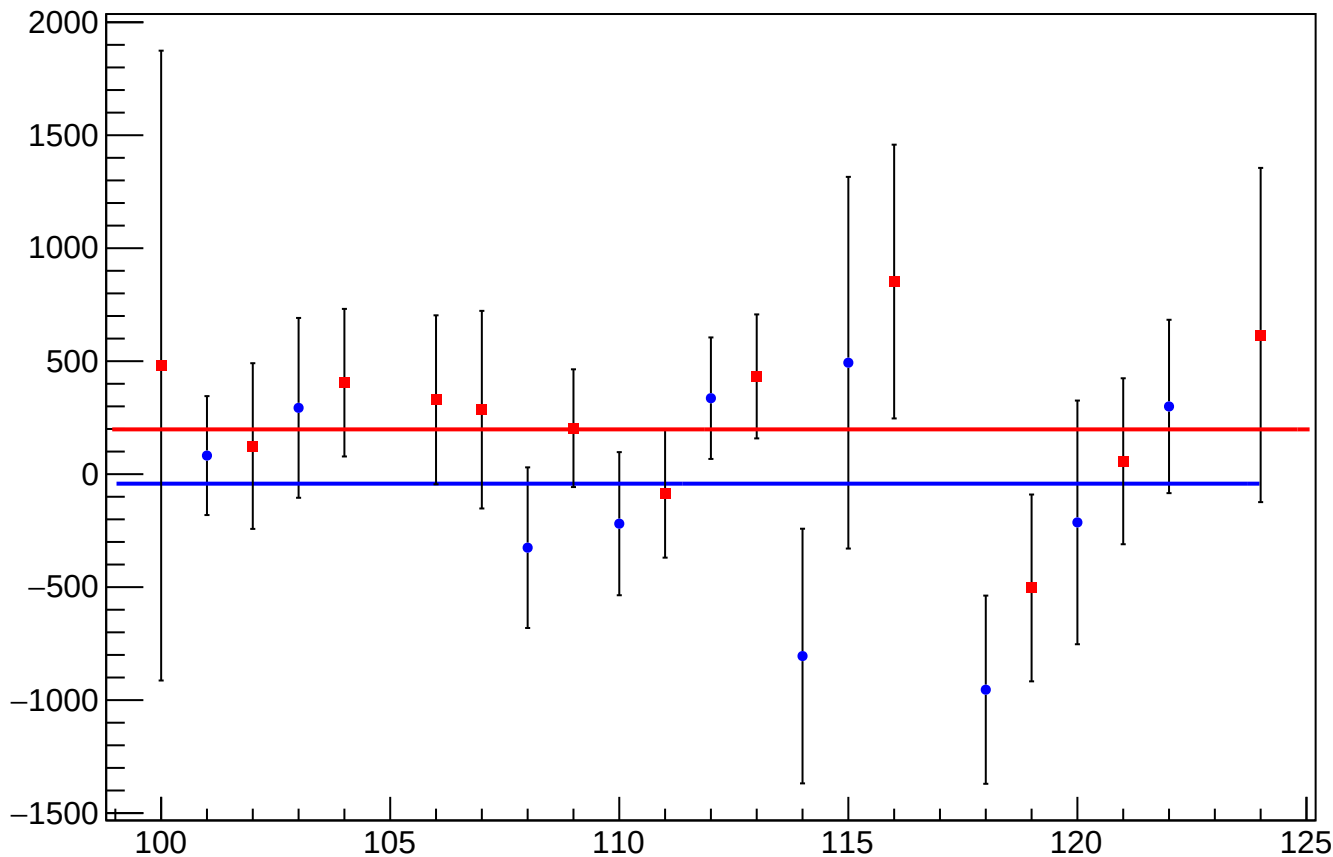
Right: 0.000+/-0.000 χ^2/NDF : 1456068.2/21

In: 0.000+/-0.000 χ^2/NDF : 765753.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1456068.2/21

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -42.069+/-116.965 χ^2/NDF : 11.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.183+/-106.634 χ^2/NDF : 6.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

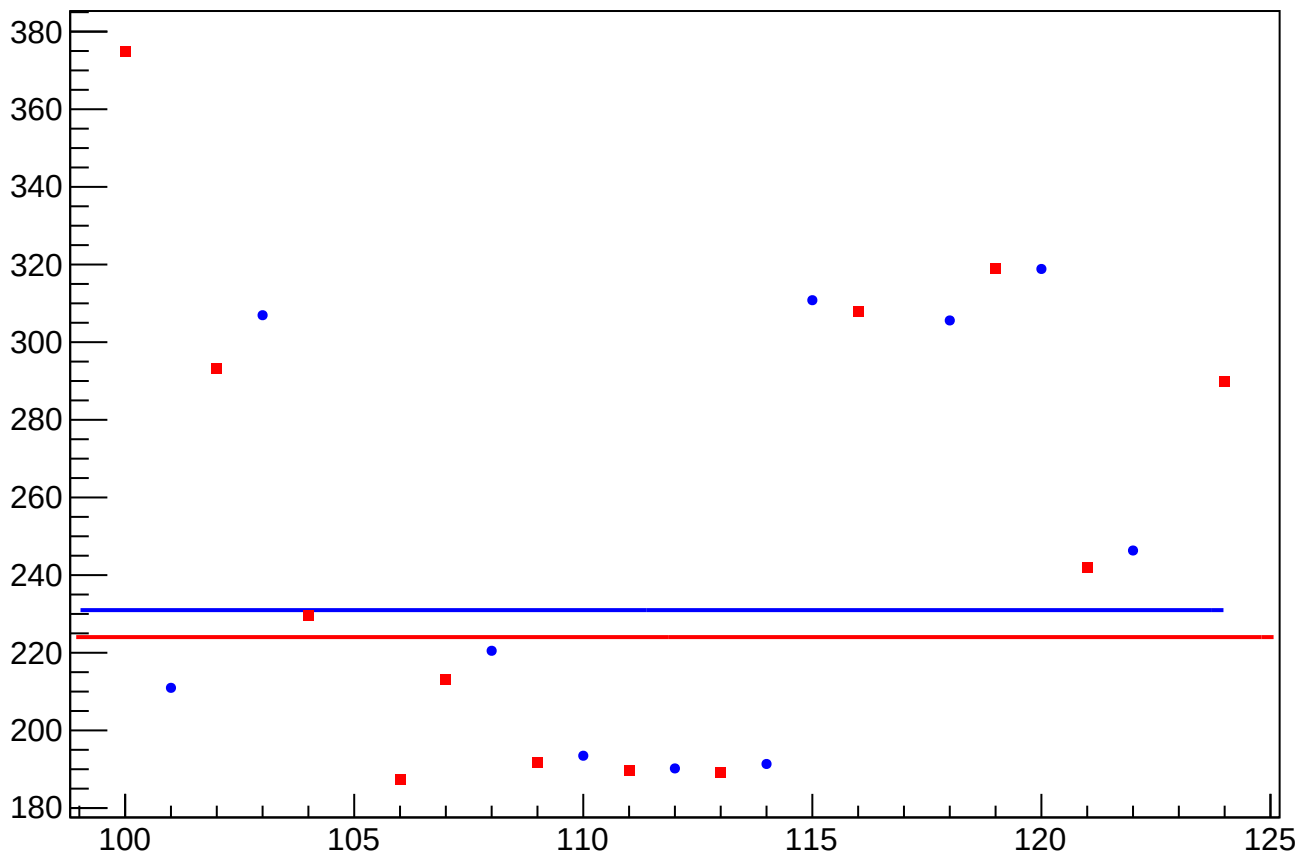
Right: 89.134+/-78.801 χ^2/NDF : 21.0/21

In: -42.069+/-116.965 χ^2/NDF : 11.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.134+/-78.801 χ^2/NDF : 21.0/21

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 230.983+/-0.083 χ^2/NDF : 309470.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.034+/-0.075 χ^2/NDF : 372248.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

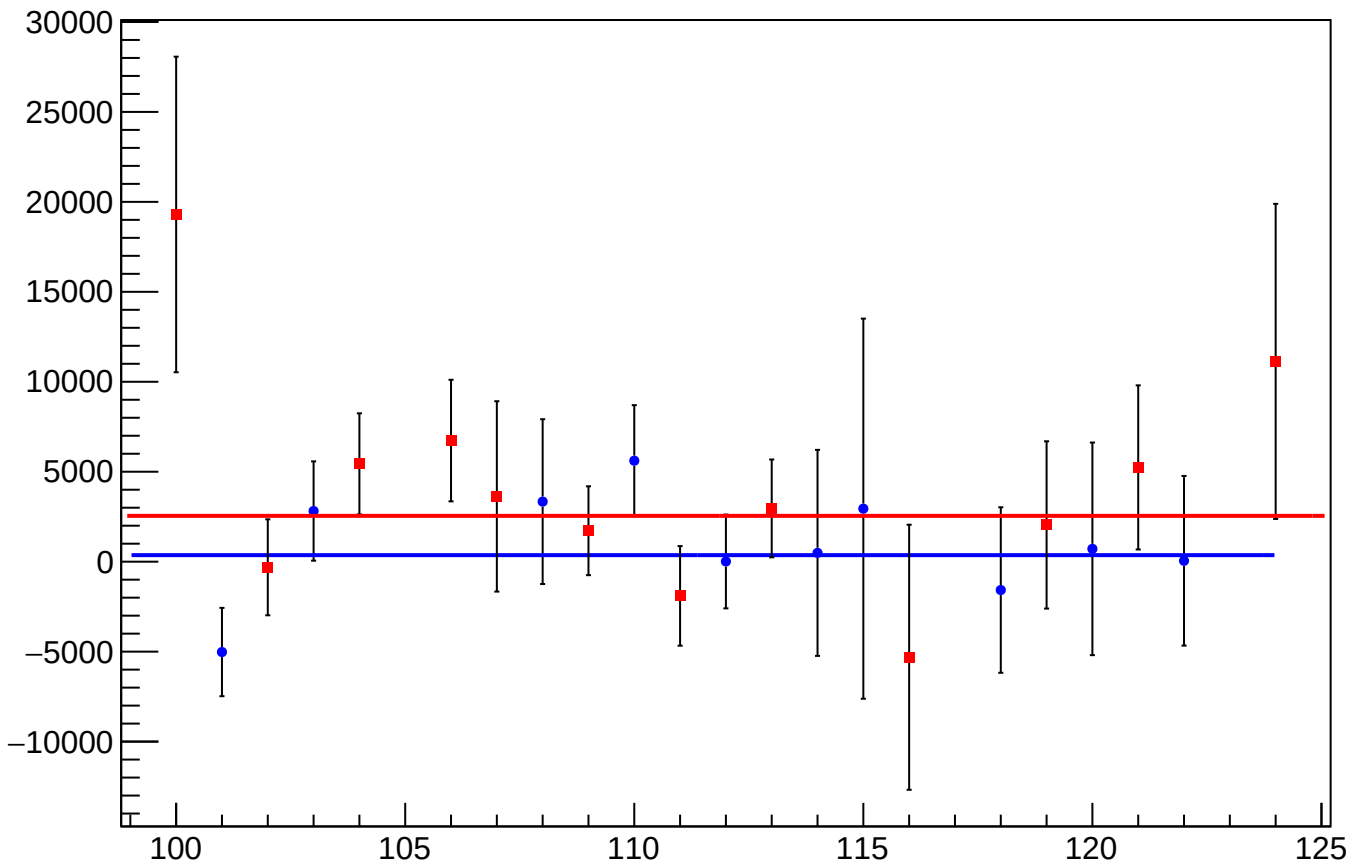
Right: 227.188+/-0.056 χ^2/NDF : 685574.0/21

In: 230.983+/-0.083 χ^2/NDF : 309470.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.188+/-0.056 χ^2/NDF : 685574.0/21

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 363.118+/-1149.188 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2547.189+/-1021.202 χ^2/NDF : 12.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

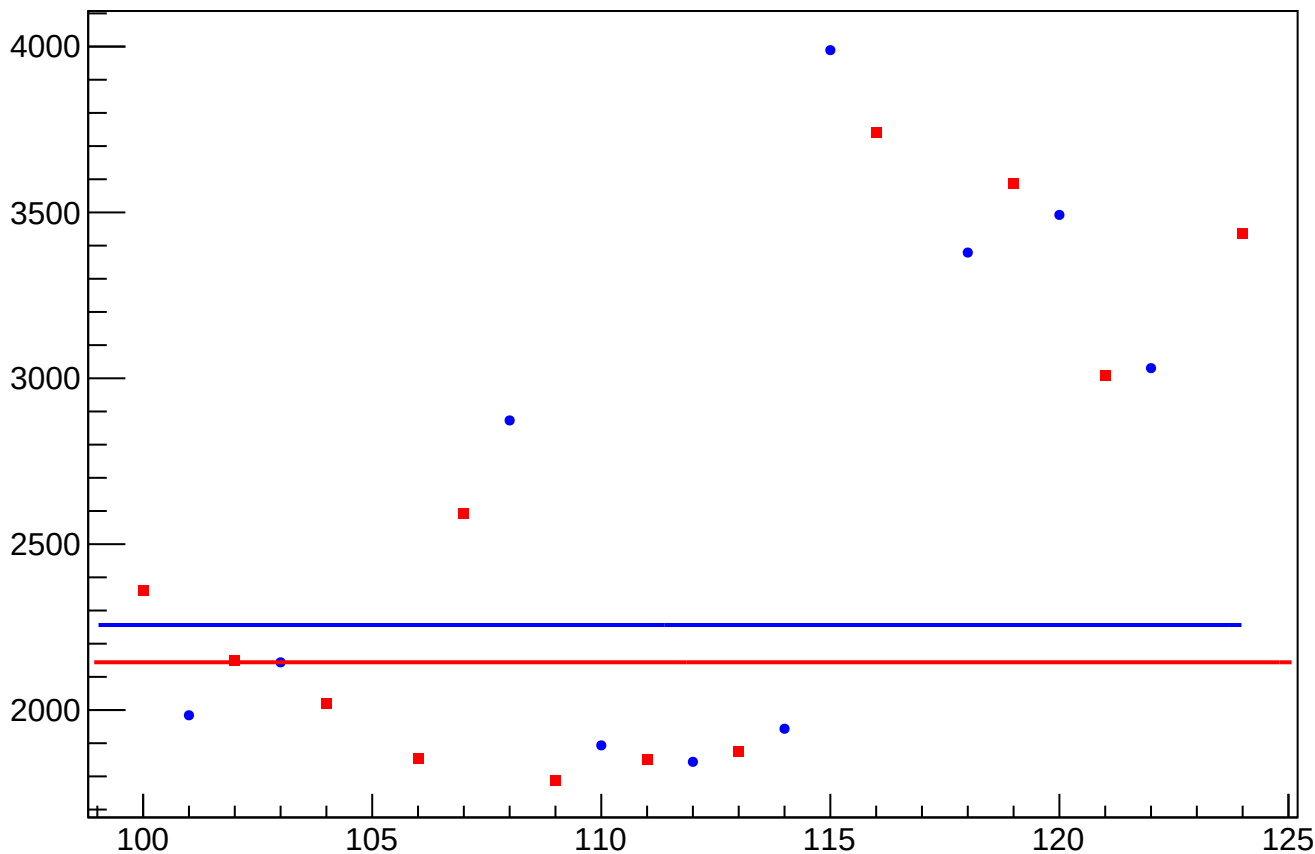
Right: 1583.500+/-763.354 χ^2/NDF : 23.8/21

In: 363.118+/-1149.188 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1583.500+/-763.354 χ^2/NDF : 23.8/21

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2256.363+/-0.813 χ^2/NDF : 462239.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2144.005+/-0.722 χ^2/NDF : 520120.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

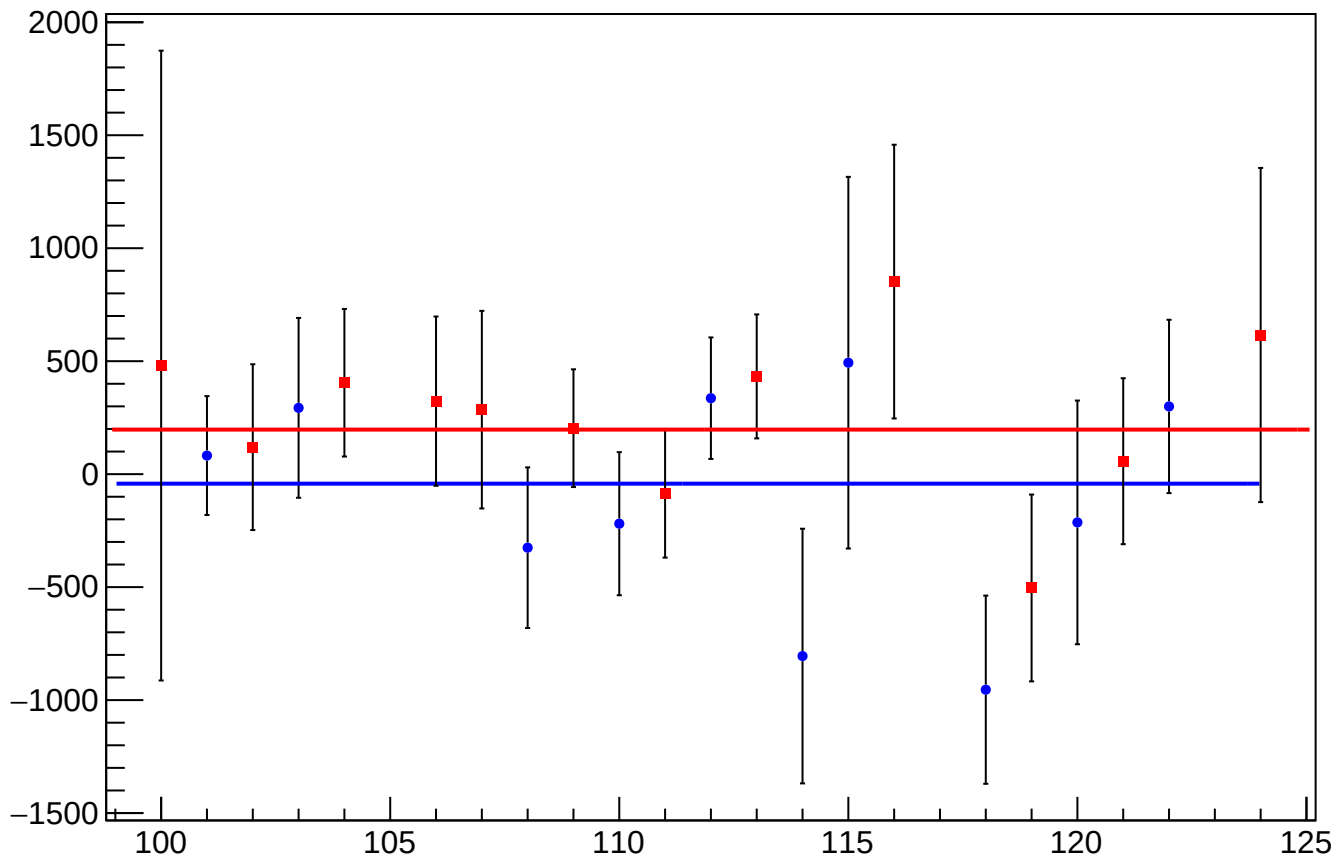
Right: 2193.581+/-0.540 χ^2/NDF : 993043.2/21

In: 2256.363+/-0.813 χ^2/NDF :462239.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2193.581+/-0.540 χ^2/NDF : 993043.2/21

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -42.108+/-116.965 χ^2/NDF : 11.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.202+/-106.658 χ^2/NDF : 6.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

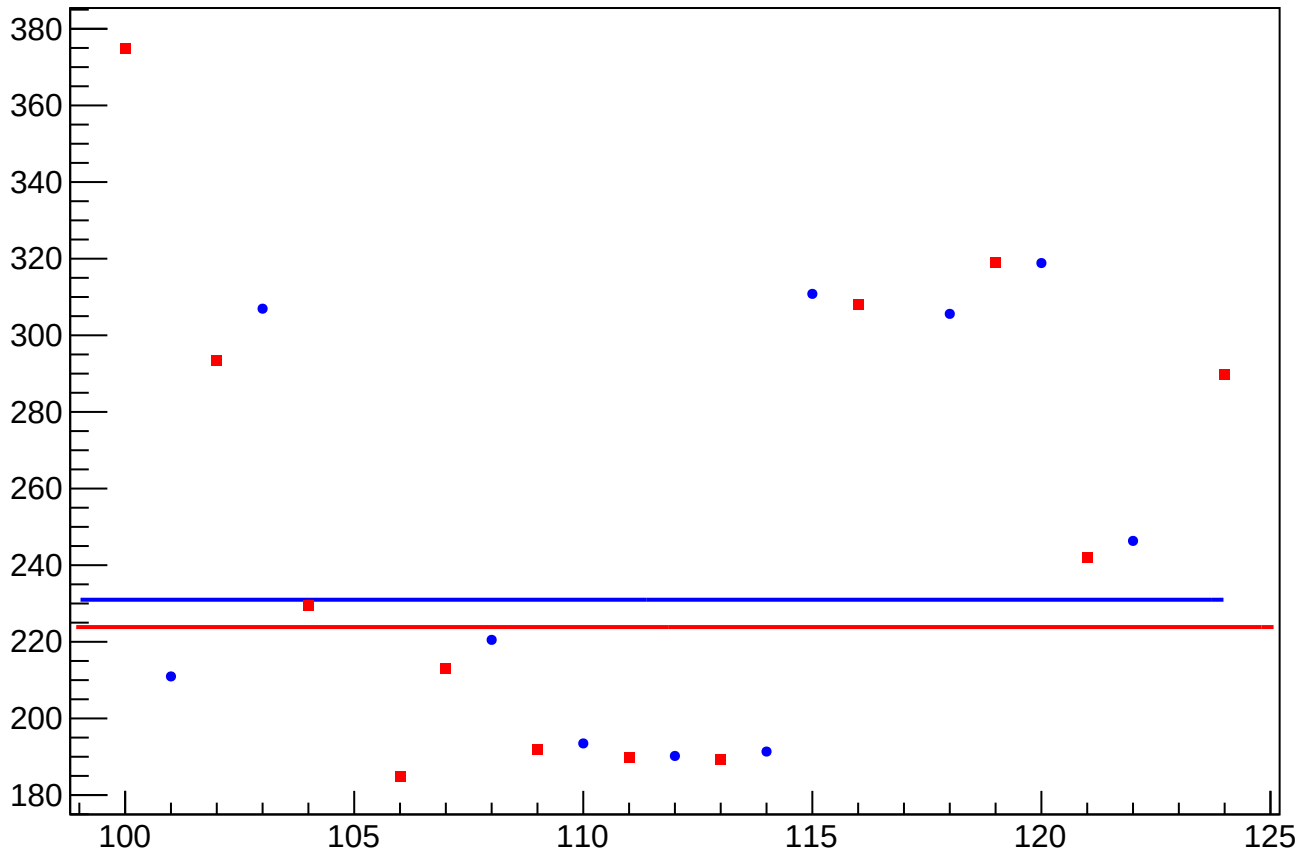
Right: 88.554+/-78.811 χ^2/NDF : 21.0/21

In: -42.108+/-116.965 χ^2/NDF : 11.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.554+/-78.811 χ^2/NDF : 21.0/21

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 230.983+/-0.083 χ^2/NDF : 309473.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.850+/-0.075 χ^2/NDF : 375078.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

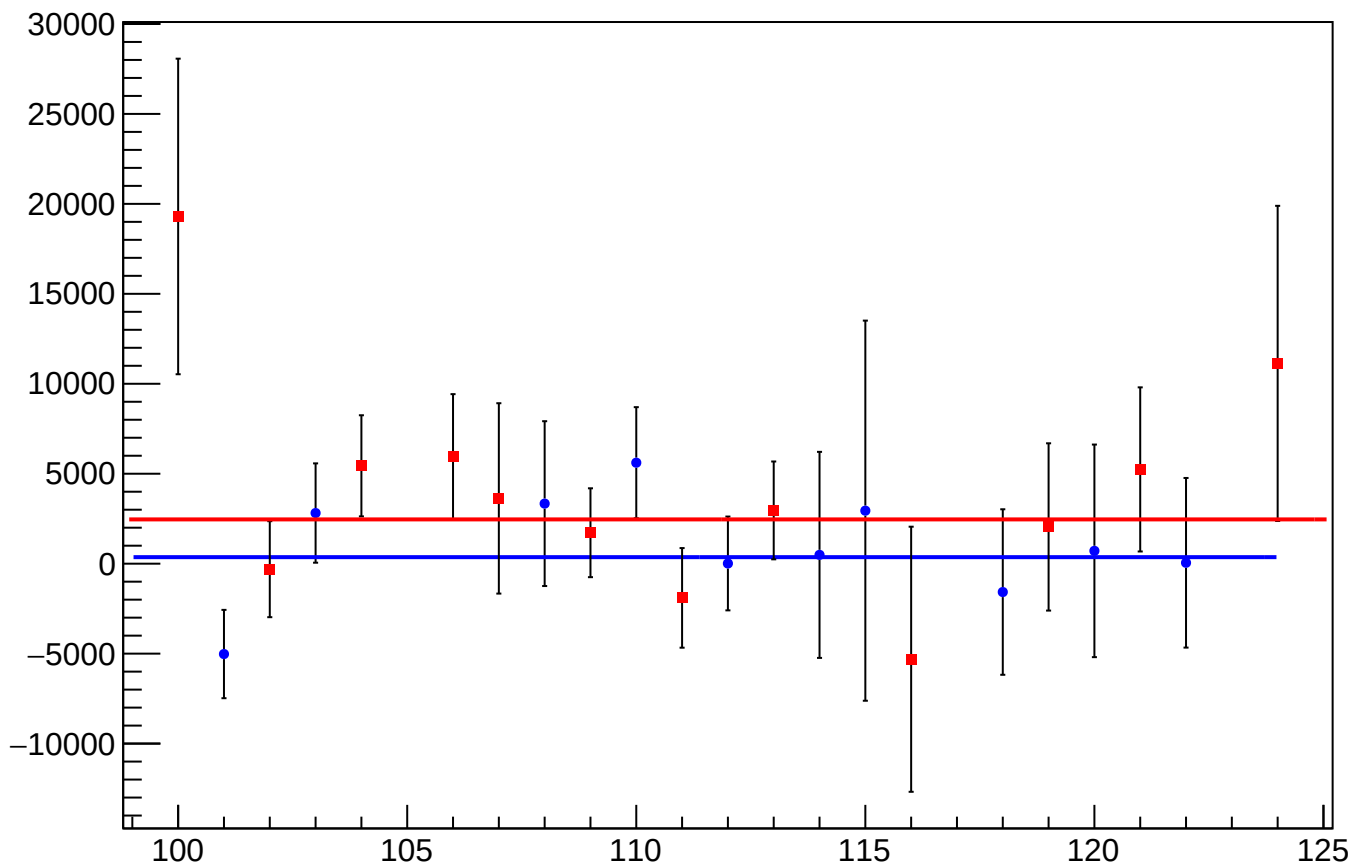
Right: 227.088+/-0.056 χ^2/NDF : 688612.6/21

In: 230.983+/-0.083 χ^2/NDF : 309473.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.088+/-0.056 χ^2/NDF : 688612.6/21

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 362.871+/-1149.203 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2461.083+/-1023.723 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

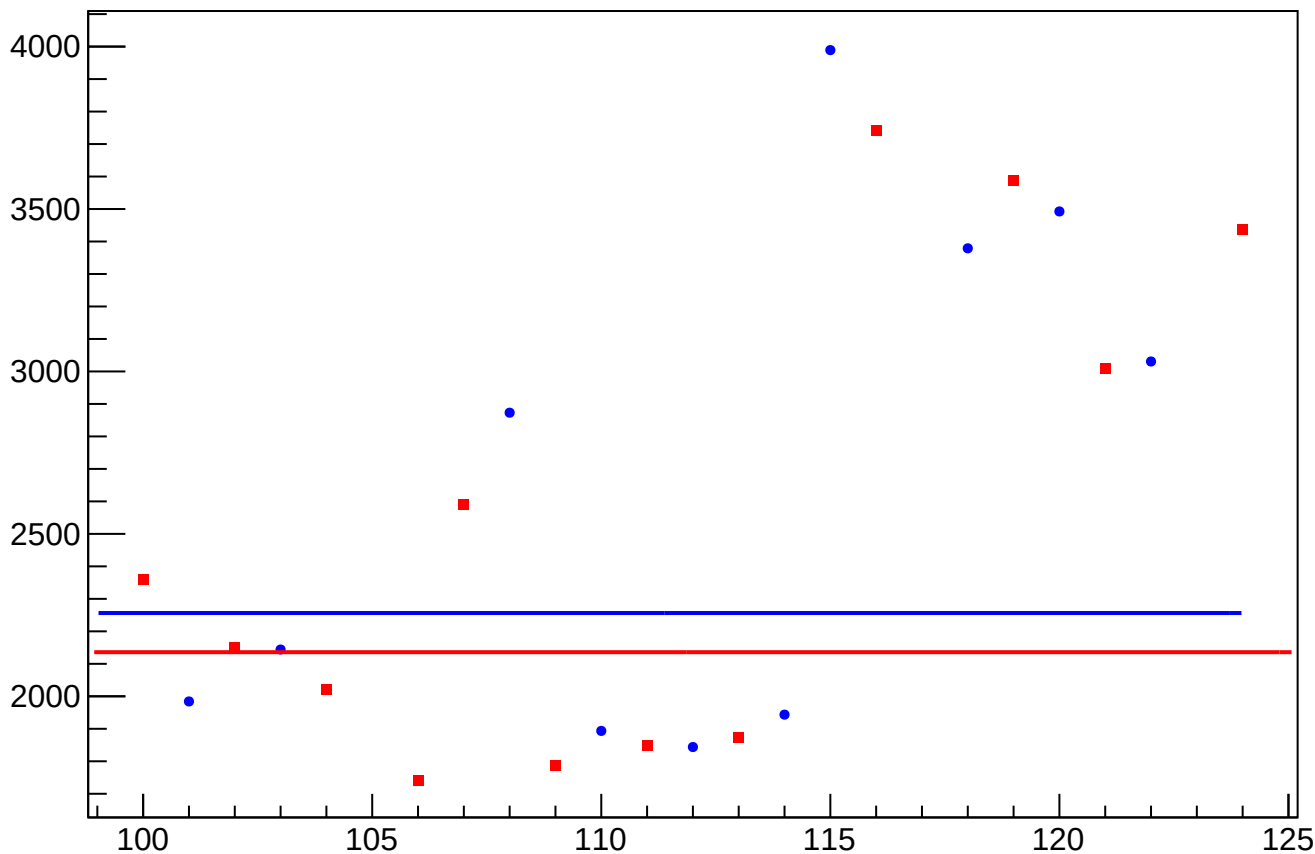
Right: 1532.740+/-764.410 χ^2/NDF : 23.1/21

In: 362.871+/-1149.203 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1532.740+/-764.410 χ^2/NDF : 23.1/21

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2256.394+/-0.813 χ^2/NDF : 462228.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2135.823+/-0.724 χ^2/NDF : 532043.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

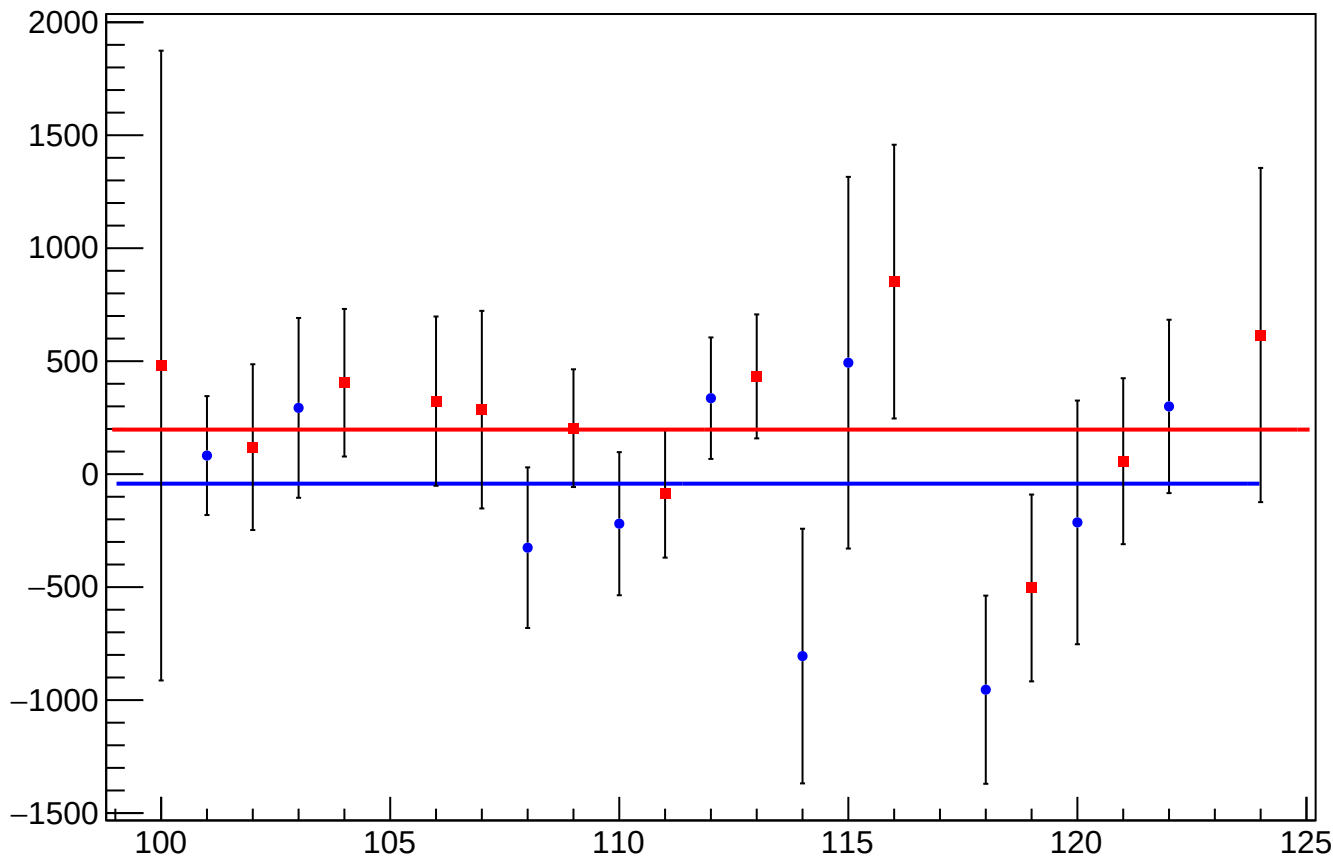
Right: 2189.169+/-0.541 χ^2/NDF : 1006546.8/21

In: 2256.394+/-0.813 χ^2/NDF : 462228.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.169+/-0.541 χ^2/NDF : 1006546.8/21

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -42.108+/-116.965 χ^2/NDF : 11.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.202+/-106.658 χ^2/NDF : 6.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

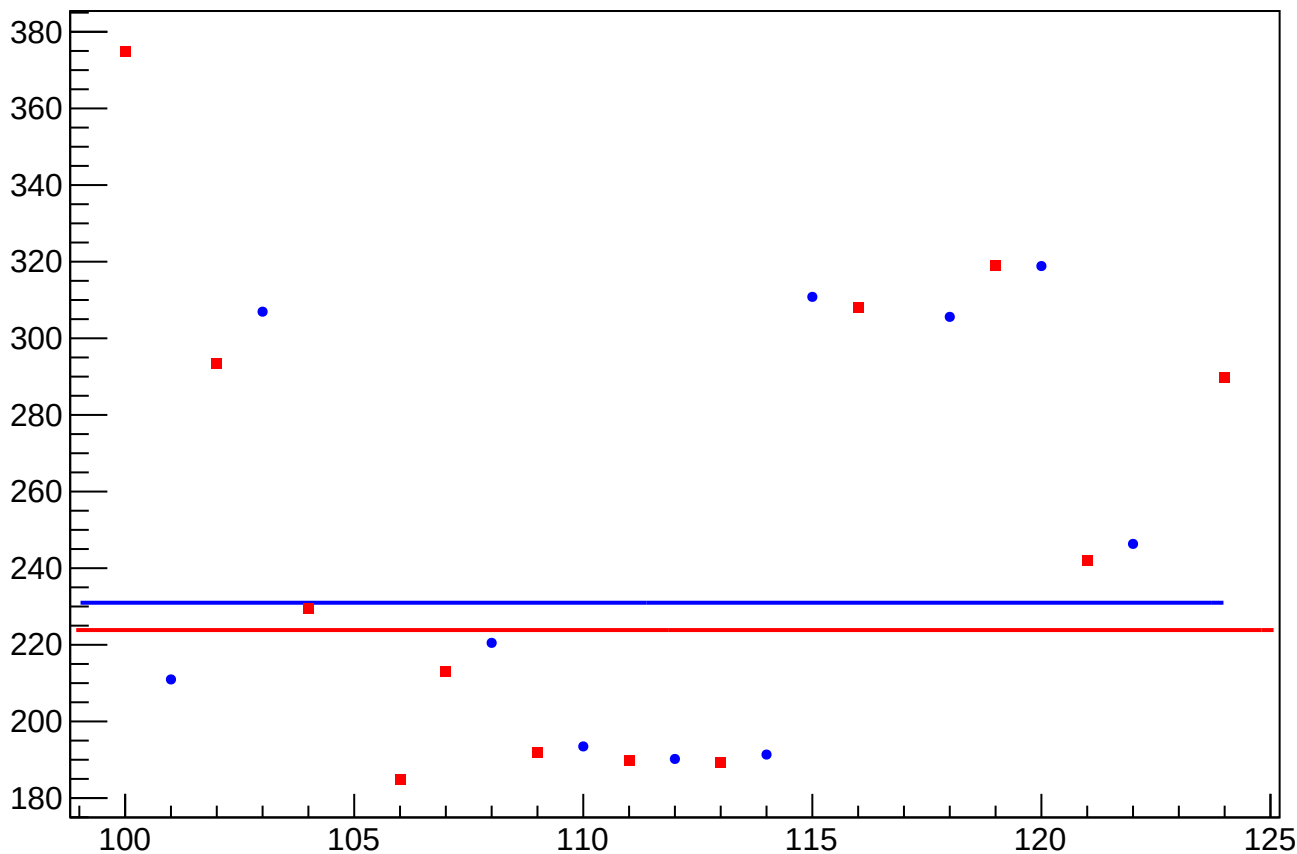
Right: 88.554+/-78.811 χ^2/NDF : 21.0/21

In: -42.108+/-116.965 χ^2/NDF : 11.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.554+/-78.811 χ^2/NDF : 21.0/21

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 230.983+/-0.083 χ^2/NDF : 309473.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 223.850+/-0.075 χ^2/NDF : 375078.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

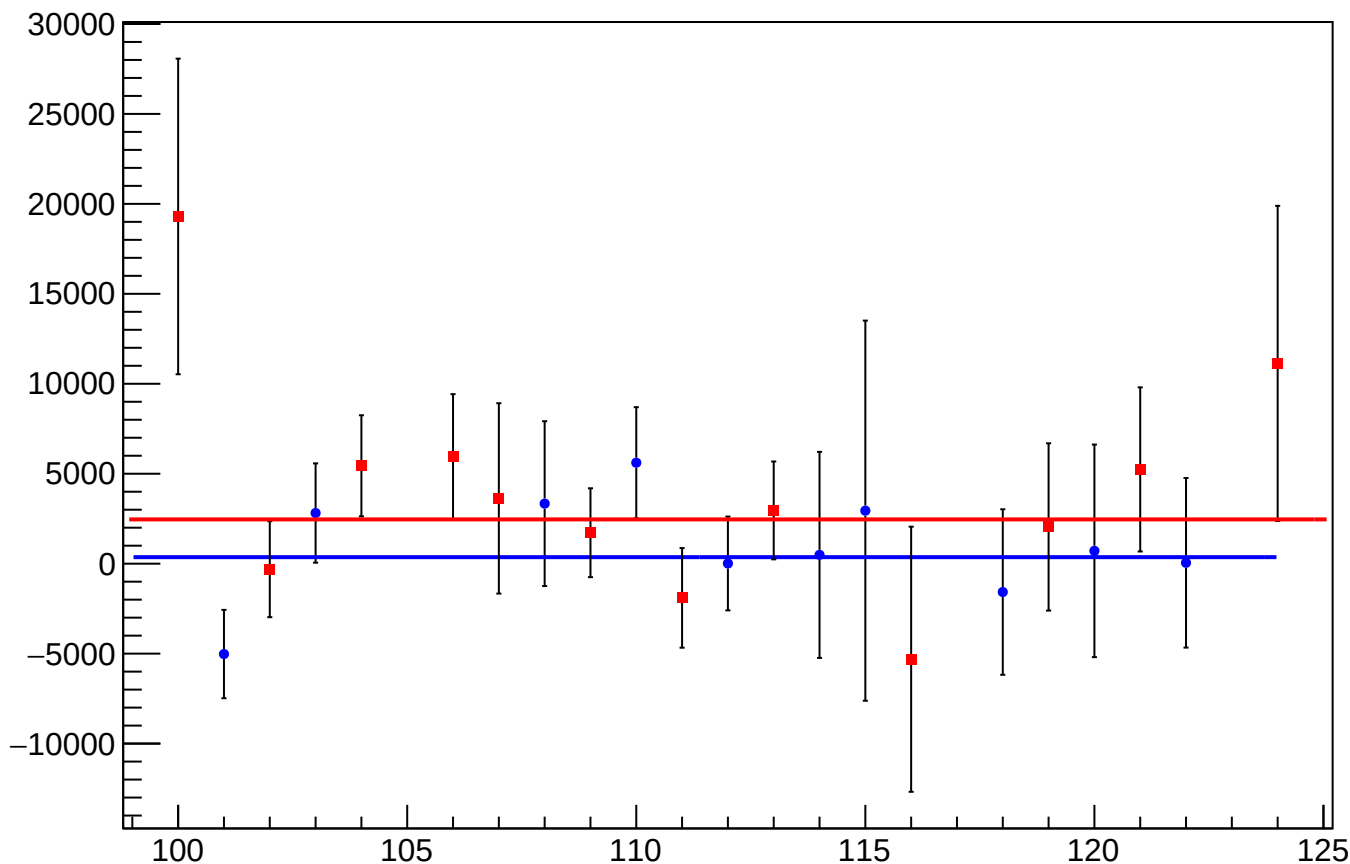
Right: 227.088+/-0.056 χ^2/NDF : 688612.6/21

In: 230.983+/-0.083 χ^2/NDF :309473.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 227.088+/-0.056 χ^2/NDF : 688612.6/21

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 362.871+/-1149.203 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2461.083+/-1023.723 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

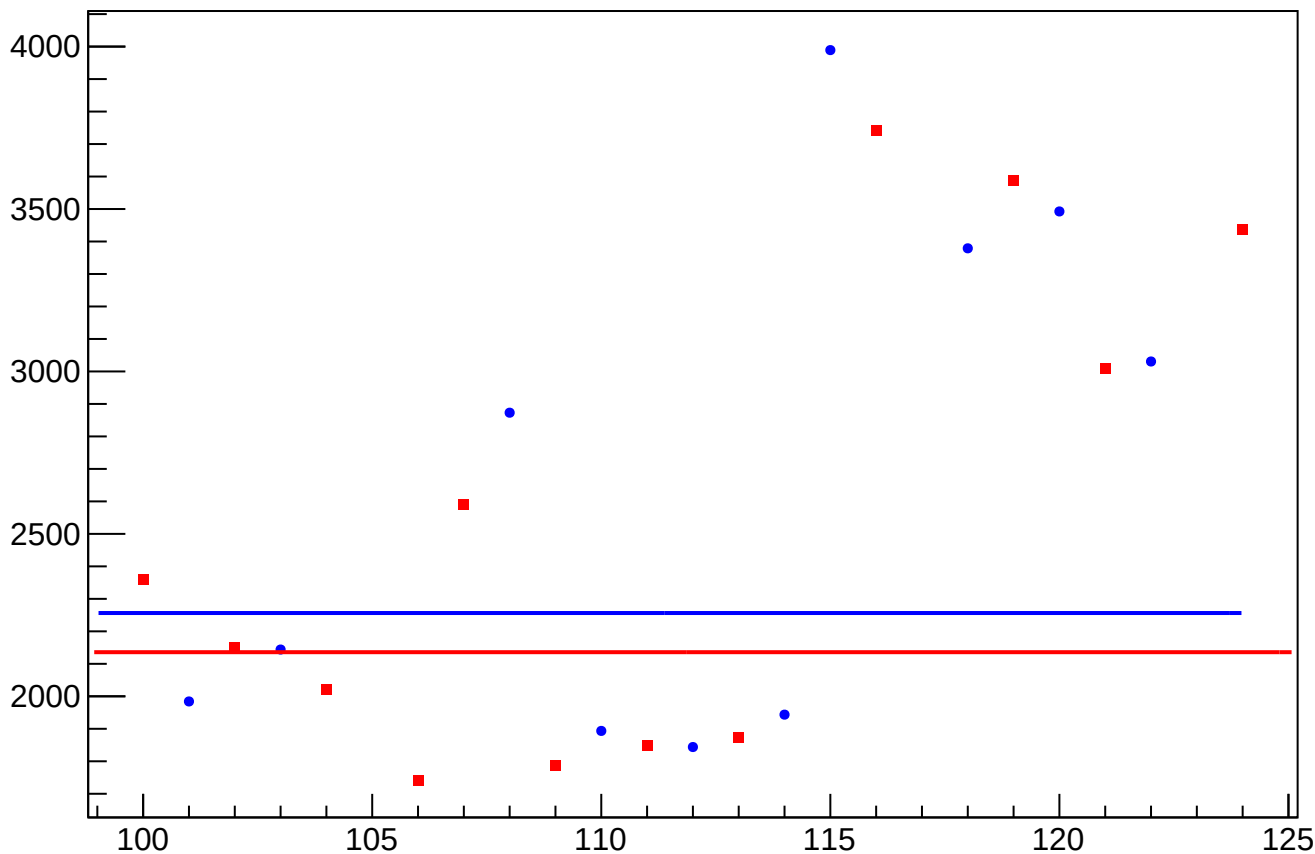
Right: 1532.740+/-764.410 χ^2/NDF : 23.1/21

In: 362.871+/-1149.203 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1532.740+/-764.410 χ^2/NDF : 23.1/21

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2256.394+/-0.813 χ^2/NDF : 462228.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2135.823+/-0.724 χ^2/NDF : 532043.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

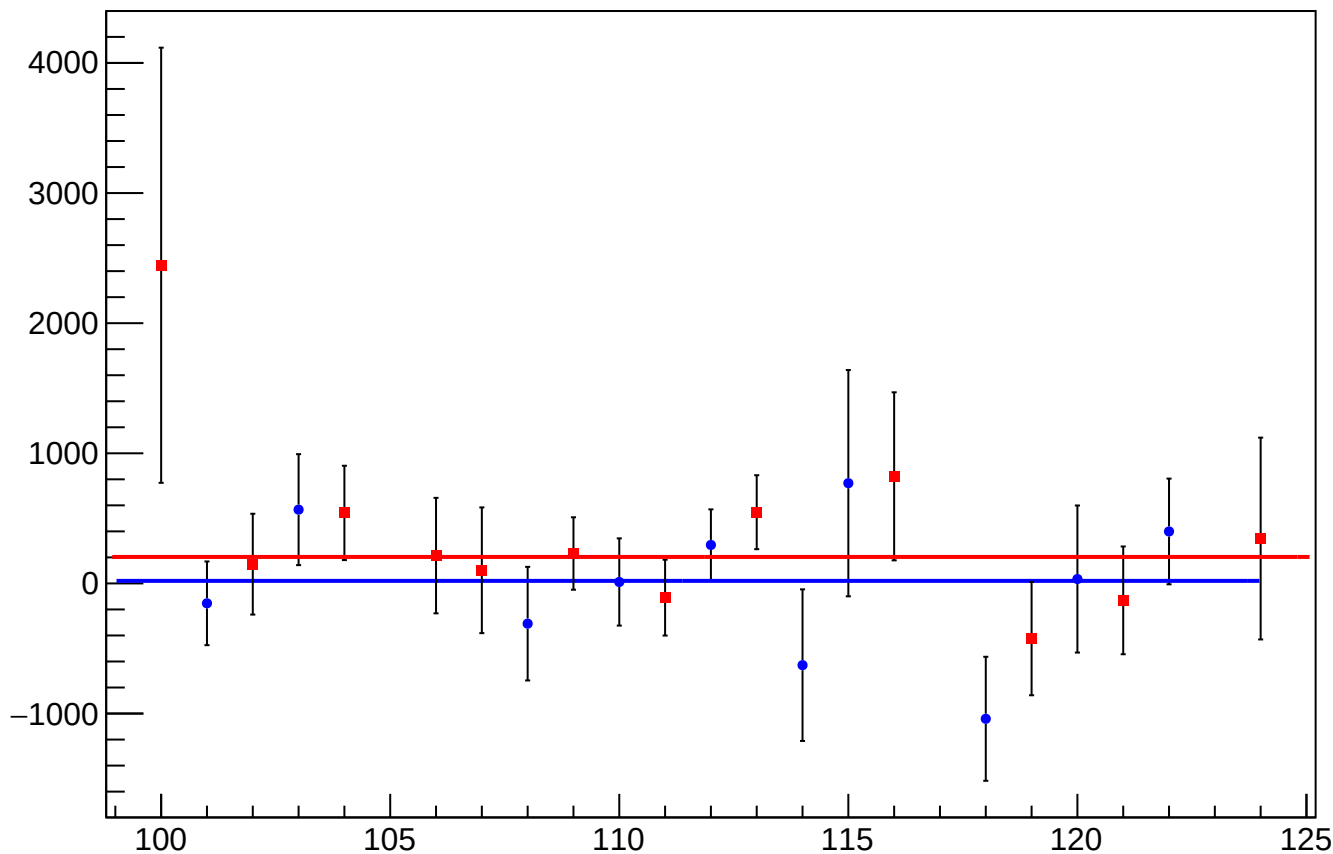
Right: 2189.169+/-0.541 χ^2/NDF : 1006546.8/21

In: 2256.394+/-0.813 χ^2/NDF :462228.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2189.169+/-0.541 χ^2/NDF : 1006546.8/21

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 19.585+/-128.508 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.550+/-114.542 χ^2/NDF : 9.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

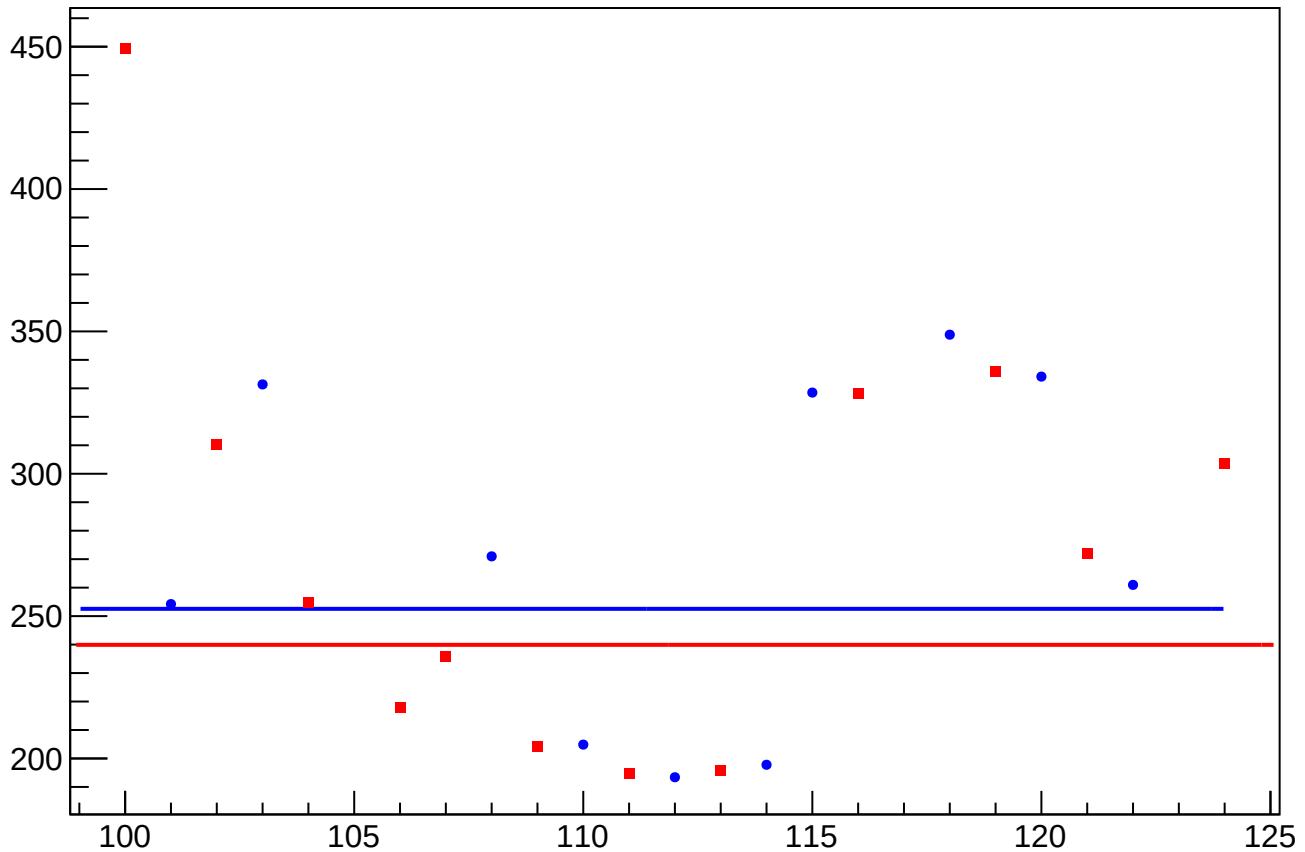
Right: 122.104+/-85.507 χ^2/NDF : 21.5/21

In: 19.585+/-128.508 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.104+/-85.507 χ^2/NDF : 21.5/21

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 252.558 $\pm$ 0.091 χ^2 /NDF: 363152.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 239.913 $\pm$ 0.081 χ^2 /NDF: 395229.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

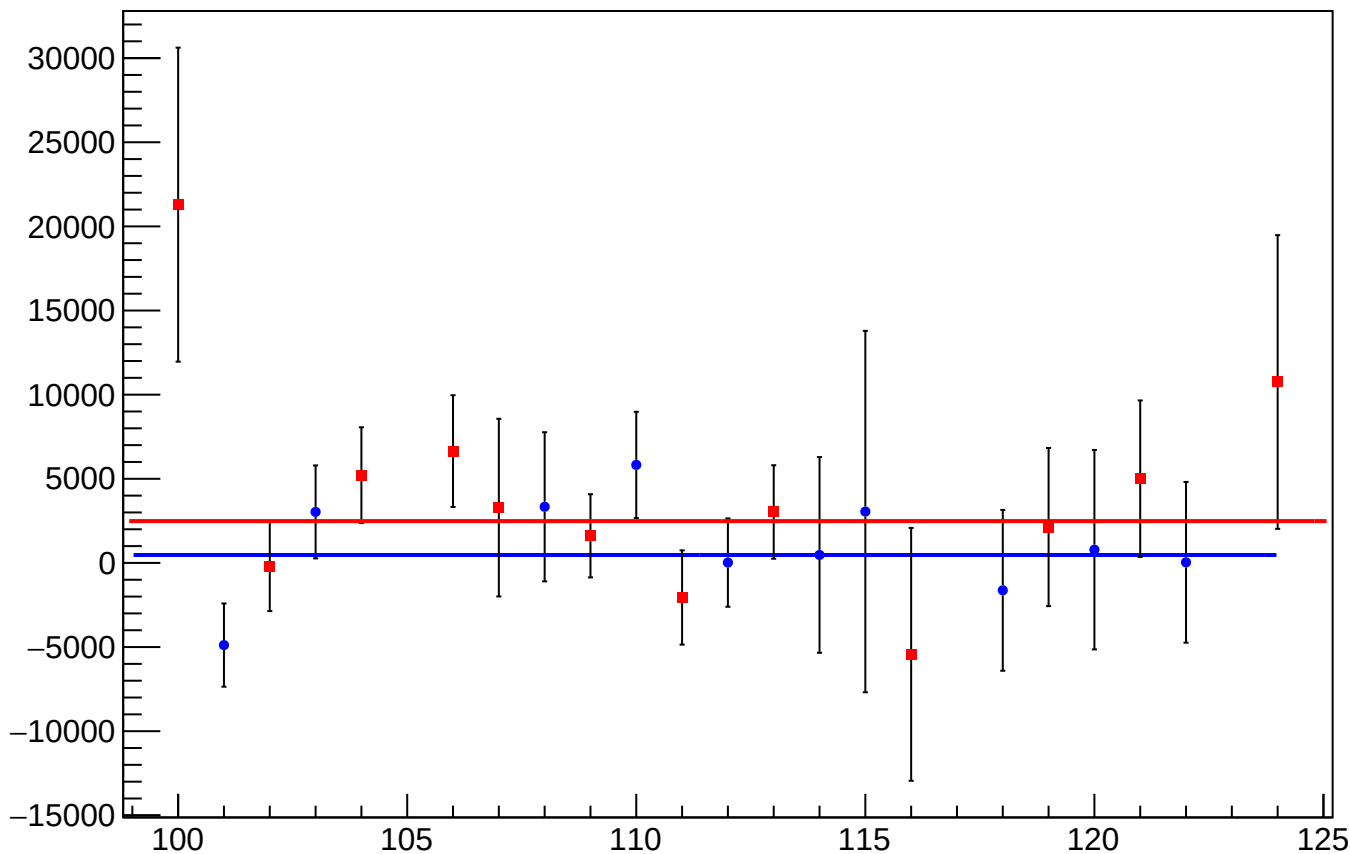
Right: 245.511 $\pm$ 0.060 χ^2 /NDF: 769173.7/21

In: 252.558 $\pm$ 0.091 χ^2 /NDF:363152.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 245.511 $\pm$ 0.060 χ^2 /NDF: 769173.7/21

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 471.178+/-1158.614 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2486.255+/-1028.662 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

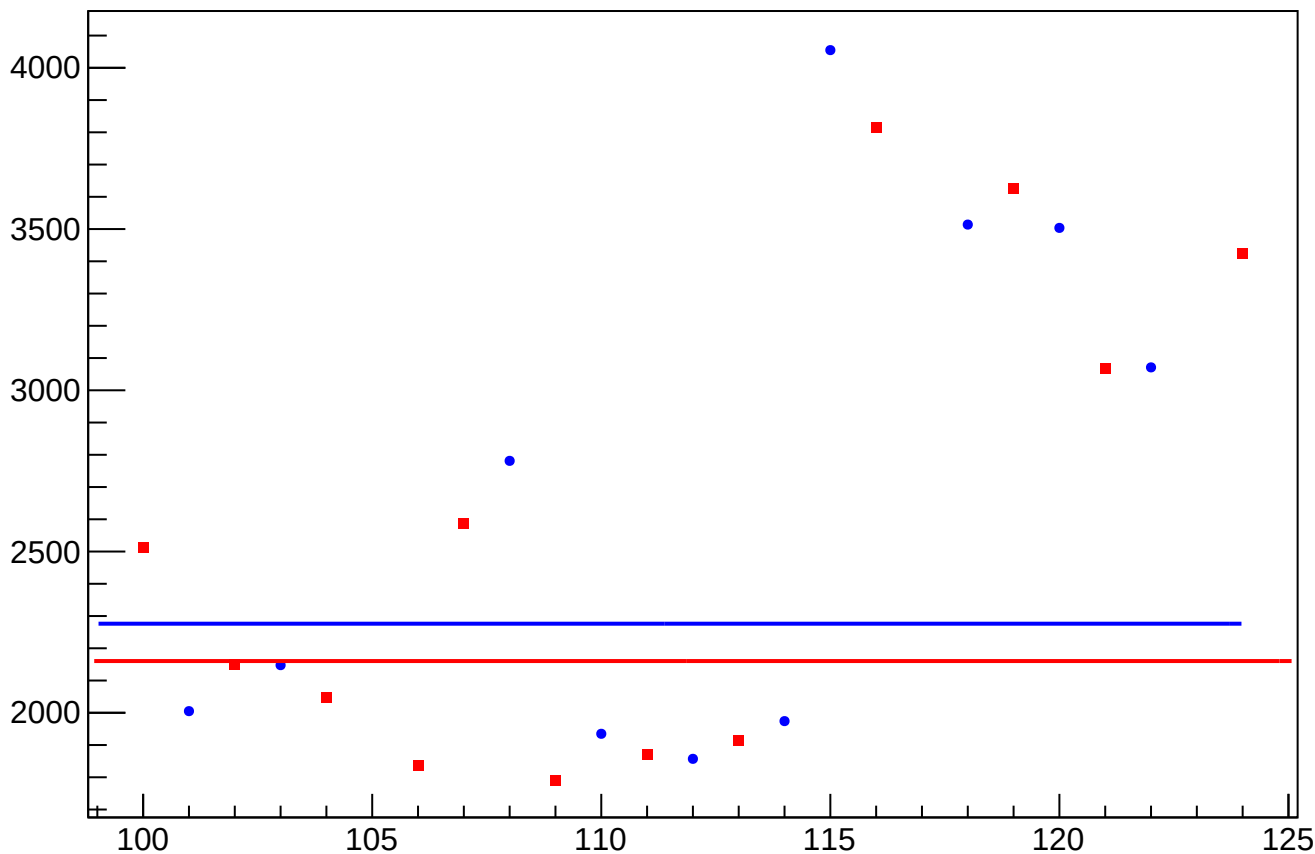
Right: 1598.017+/-769.233 χ^2/NDF : 23.5/21

In: 471.178+/-1158.614 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1598.017+/-769.233 χ^2/NDF : 23.5/21

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2276.225+/-0.819 χ^2/NDF : 464107.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2160.408+/-0.727 χ^2/NDF : 529400.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

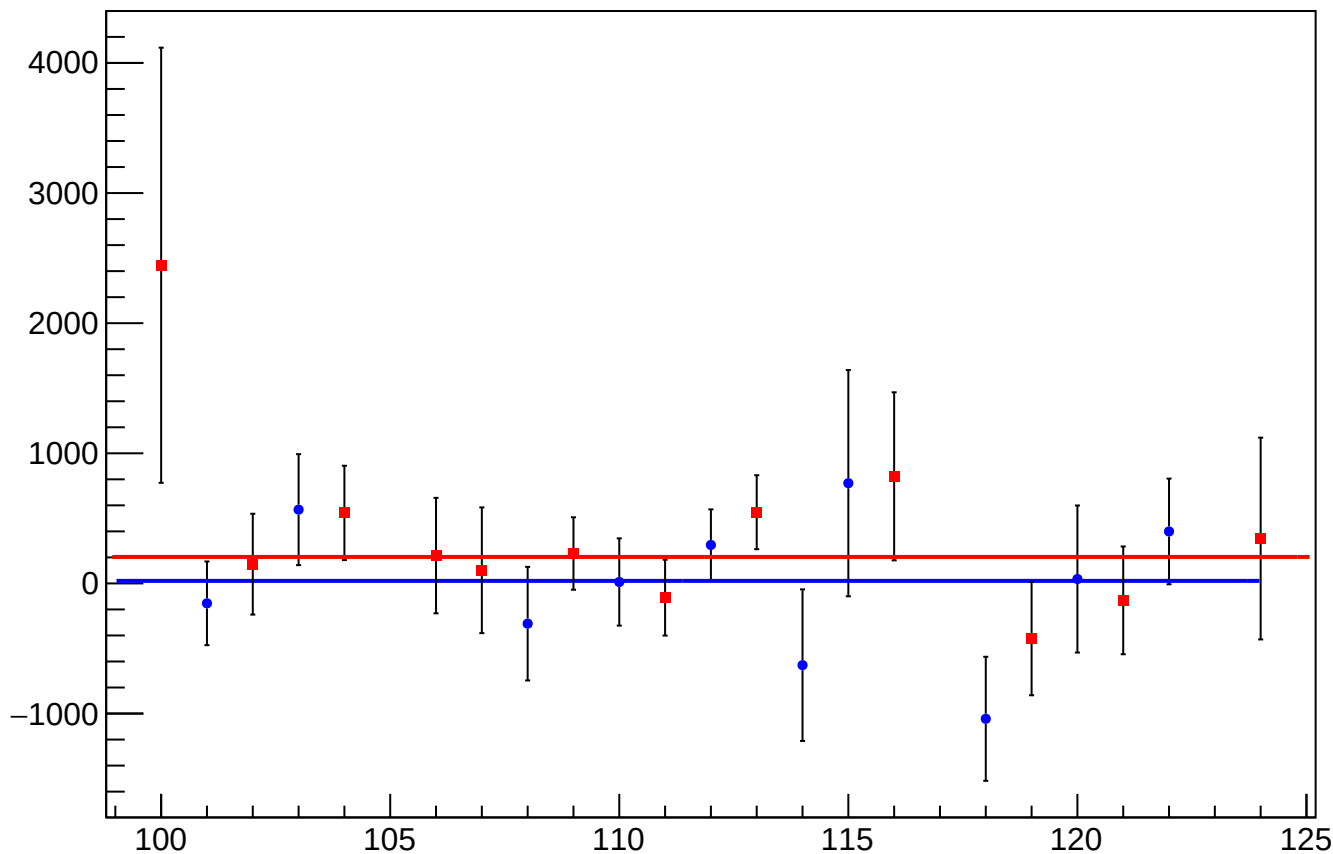
Right: 2211.460+/-0.544 χ^2/NDF : 1004683.9/21

In: 2276.225+/-0.819 χ^2/NDF : 464107.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.460+/-0.544 χ^2/NDF : 1004683.9/21

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 19.585+/-128.509 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.549+/-114.542 χ^2/NDF : 9.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

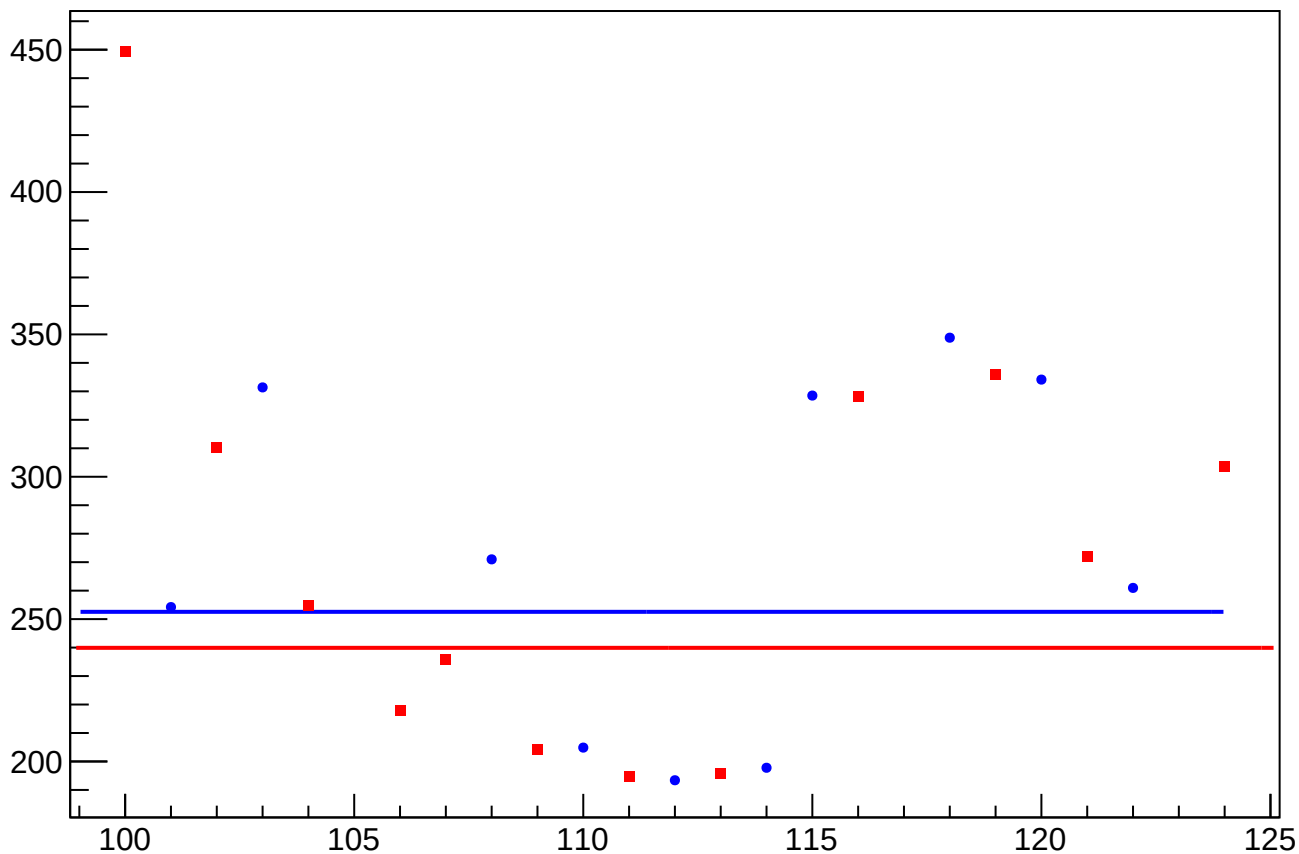
Right: 122.103+/-85.507 χ^2/NDF : 21.5/21

In: 19.585+/-128.509 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.103+/-85.507 χ^2/NDF : 21.5/21

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 252.558 $\pm$ 0.091 χ^2 /NDF: 363157.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 239.912 $\pm$ 0.081 χ^2 /NDF: 395230.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

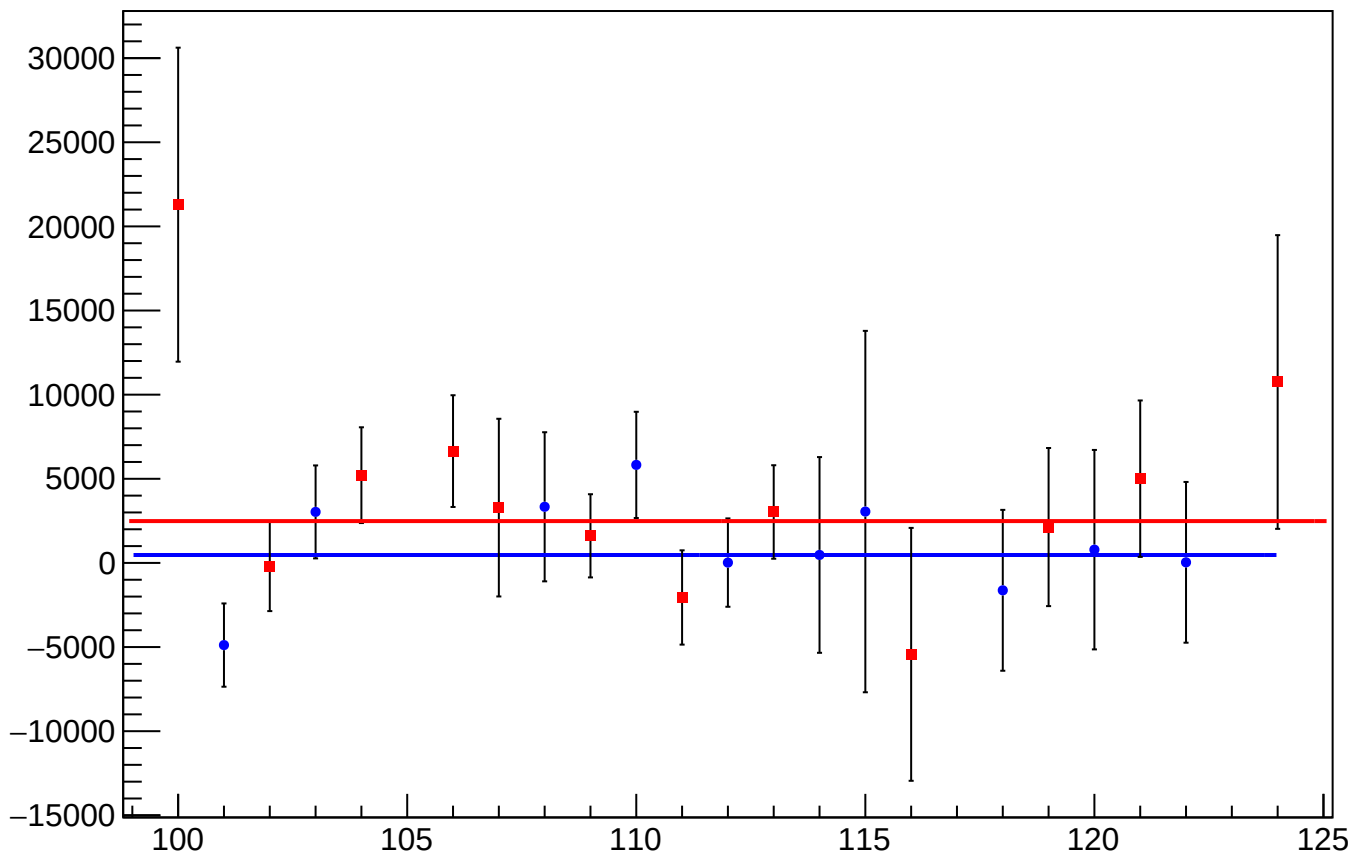
Right: 245.511 $\pm$ 0.060 χ^2 /NDF: 769180.4/21

In: 252.558 $\pm$ 0.091 χ^2 /NDF:363157.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 245.511 $\pm$ 0.060 χ^2 /NDF: 769180.4/21

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 471.180+/-1158.614 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2486.253+/-1028.661 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

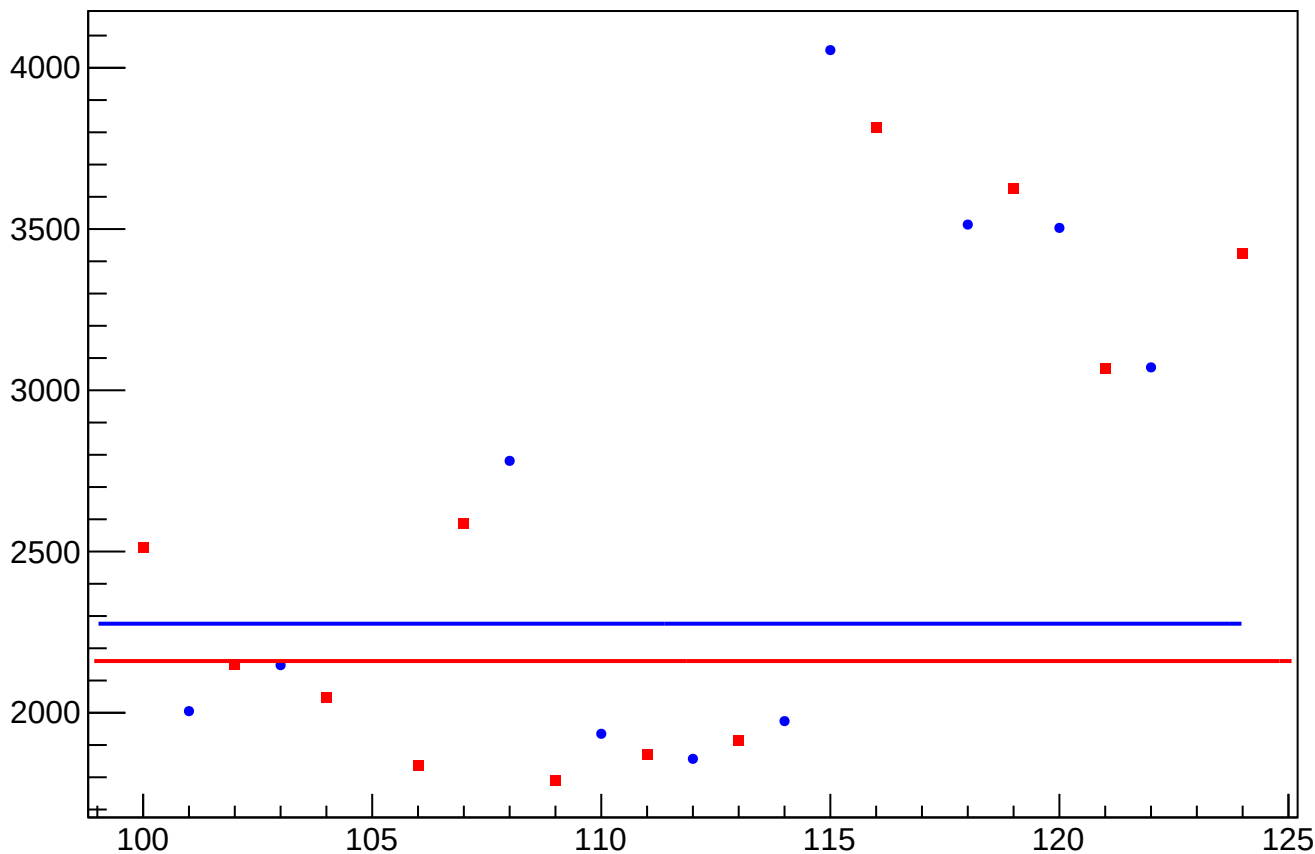
Right: 1598.017+/-769.232 χ^2/NDF : 23.5/21

In: 471.180+/-1158.614 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.017+/-769.232 χ^2/NDF : 23.5/21

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2276.224+/-0.819 χ^2/NDF : 464109.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2160.406+/-0.727 χ^2/NDF : 529402.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

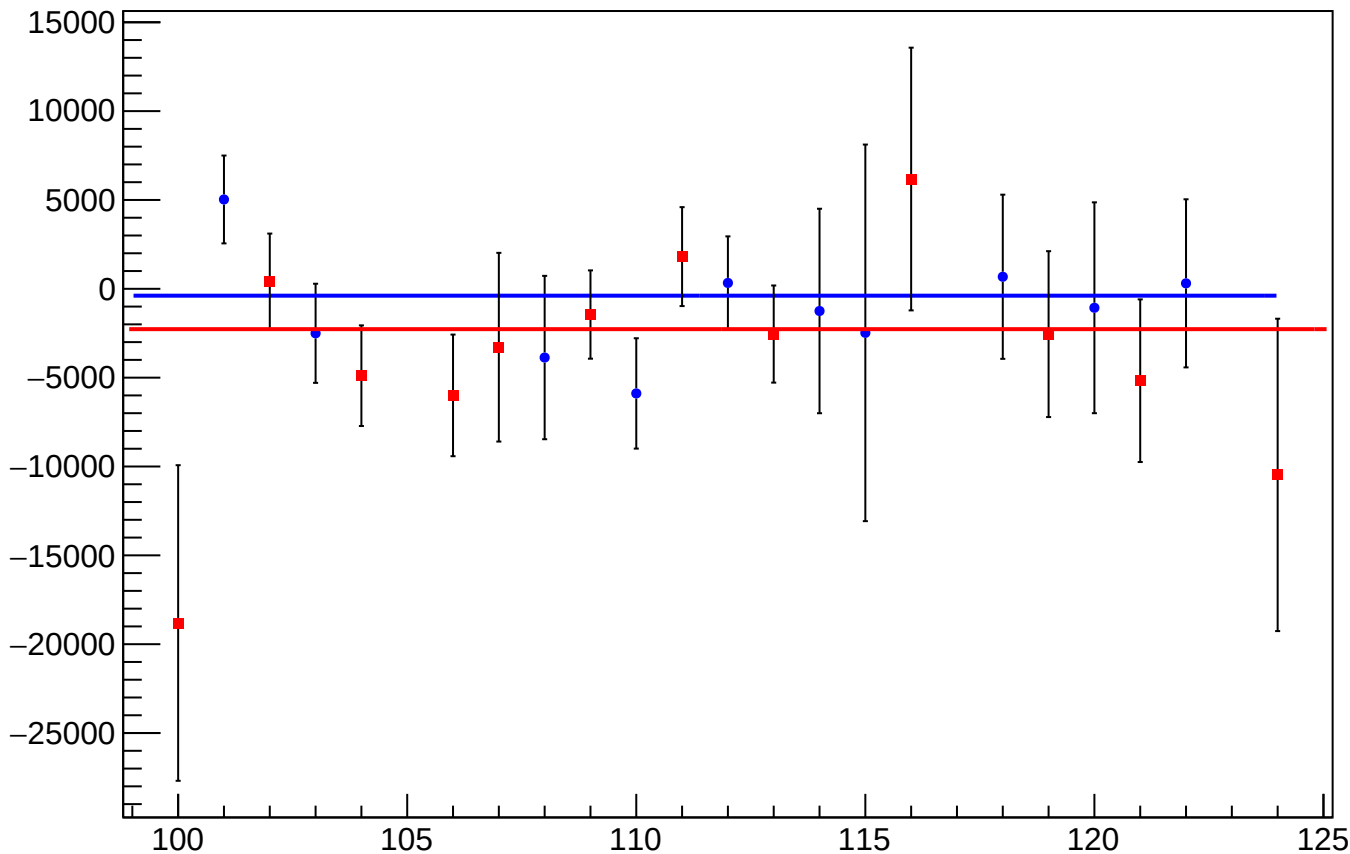
Right: 2211.458+/-0.544 χ^2/NDF : 1004687.7/21

In: 2276.224+/-0.819 χ^2/NDF : 464109.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.458+/-0.544 χ^2/NDF : 1004687.7/21

asym_sam4_mean vs Slug, Sign Corrected



Right In: -386.528 ± 1156.337 χ^2/NDF : 9.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2270.541 ± 1028.232 χ^2/NDF : 11.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

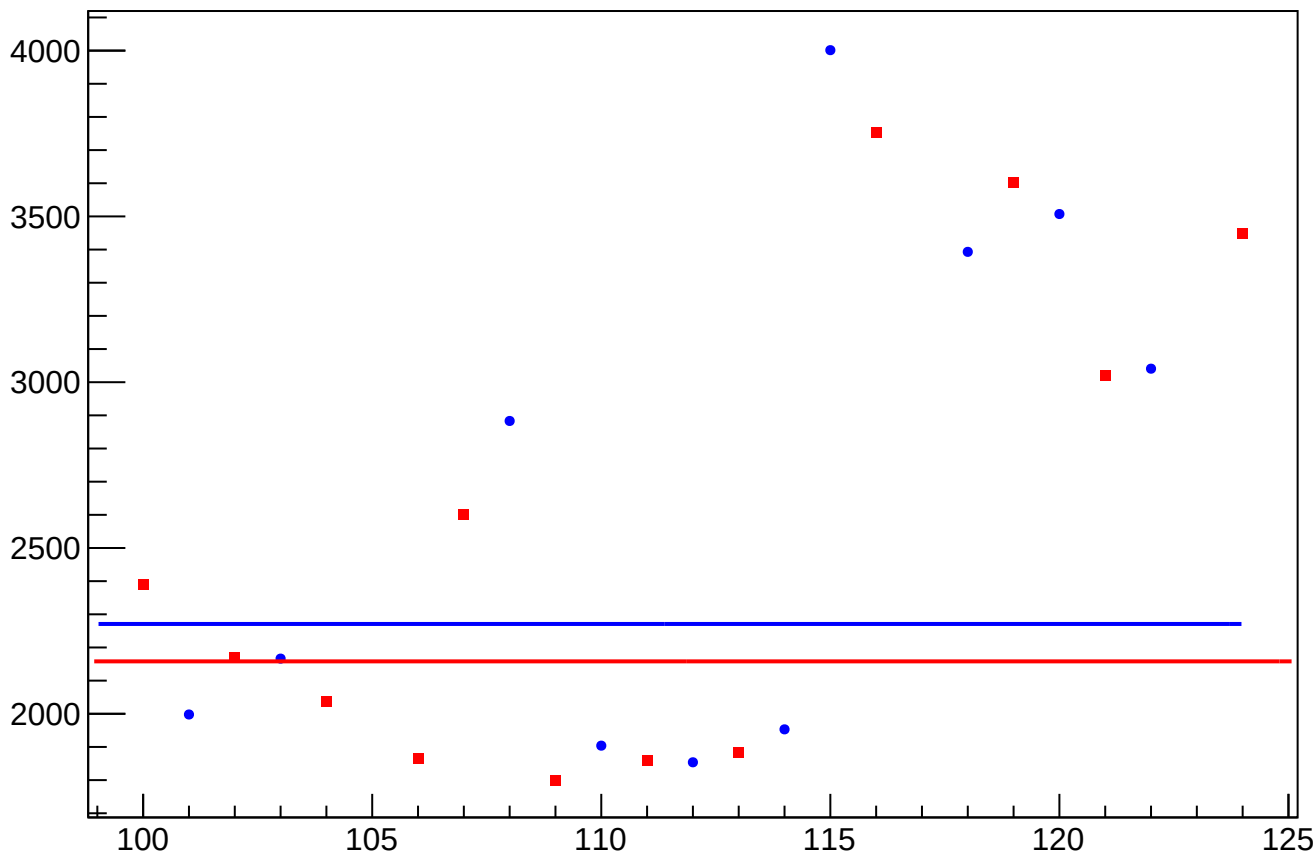
Right: -1438.636 ± 768.386 χ^2/NDF : 22.2/21

In: -386.528 ± 1156.337 χ^2/NDF : 9.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1438.636 ± 768.386 χ^2/NDF : 22.2/21

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2270.909+/-0.818 χ^2/NDF : 458591.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2158.107+/-0.727 χ^2/NDF : 516949.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

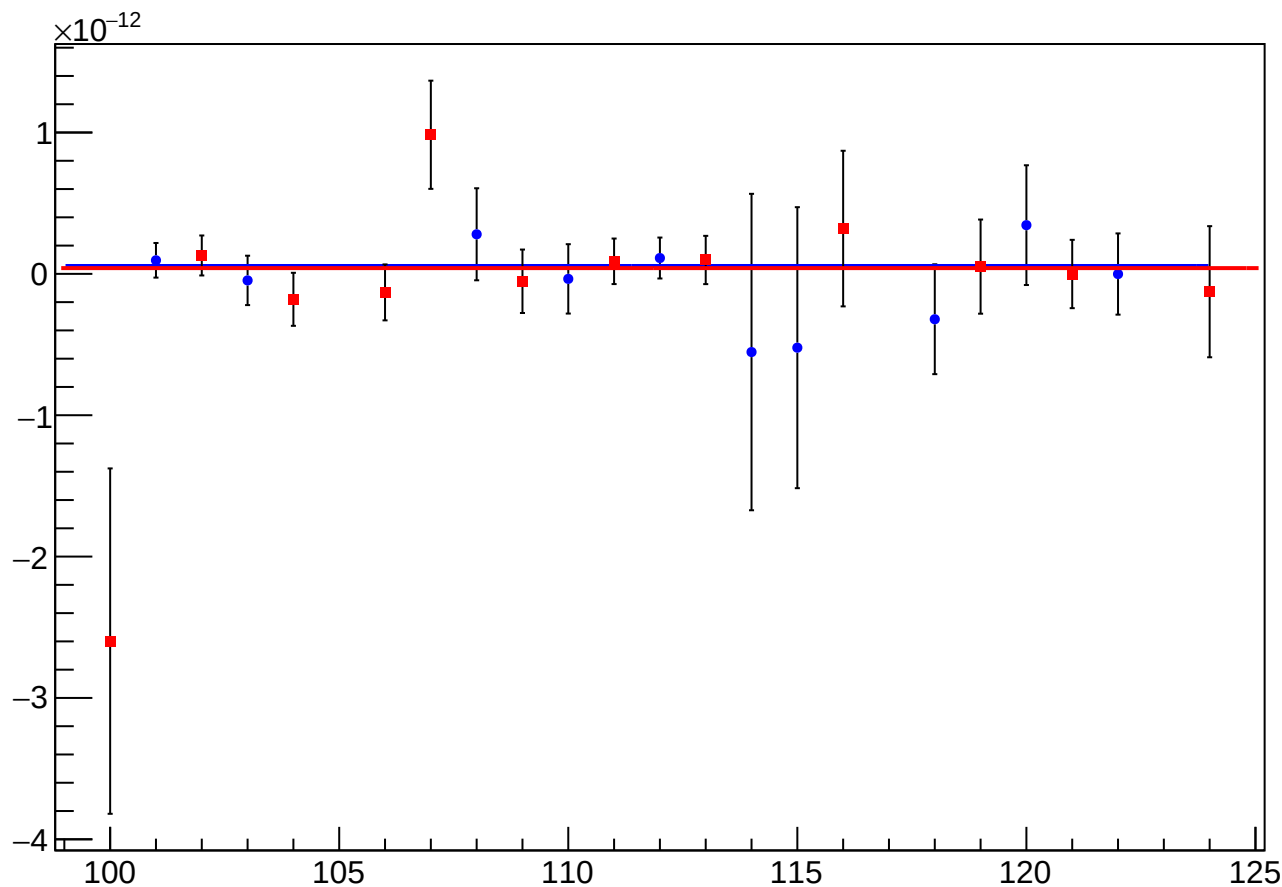
Right: 2207.916+/-0.543 χ^2/NDF : 986168.7/21

In: 2270.909+/-0.818 χ^2/NDF : 458591.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2207.916+/-0.543 χ^2/NDF : 986168.7/21

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

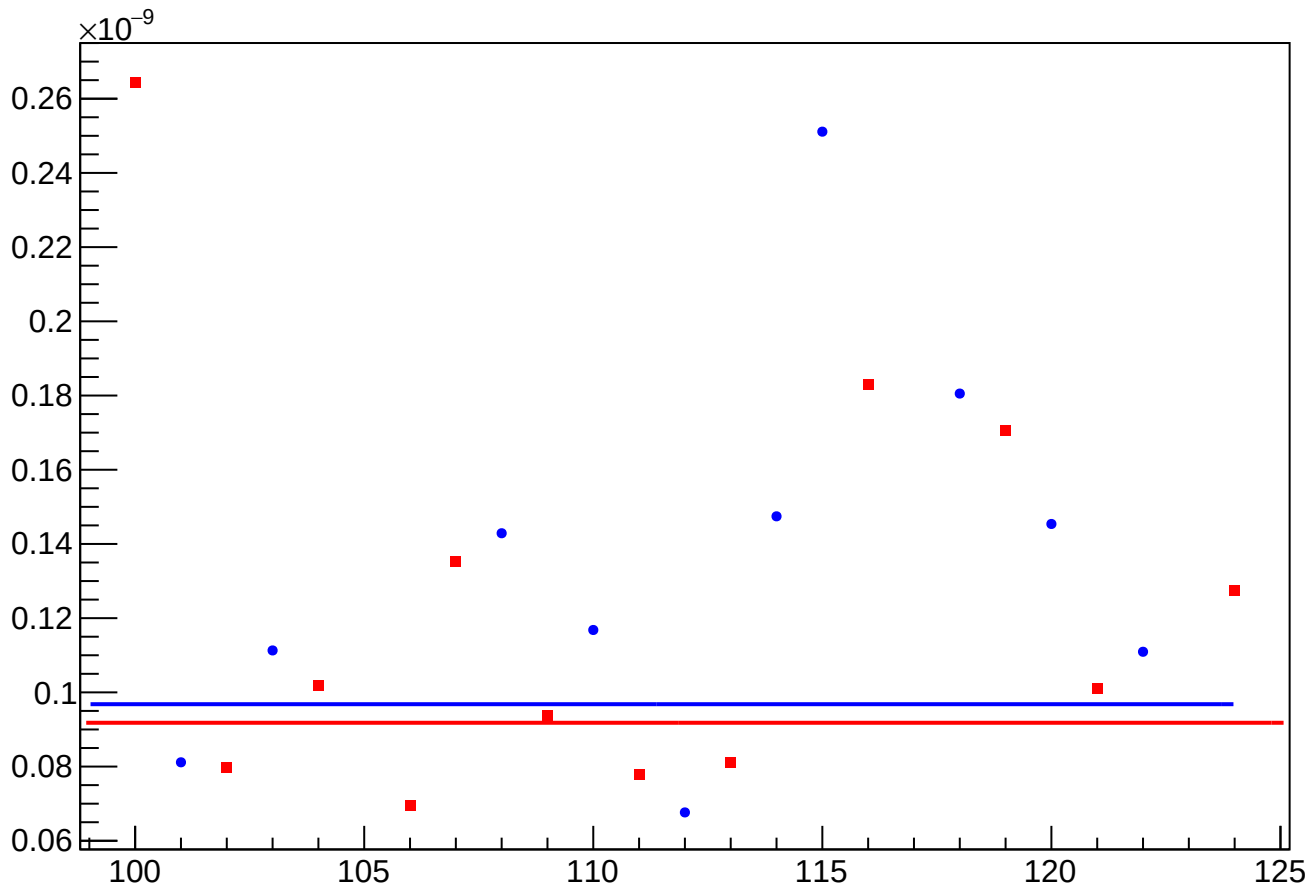
Right: 0.000+/-0.000 χ^2/NDF : 17.4/21

In: 0.000+/-0.000 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.4/21

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 357223.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 315594.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

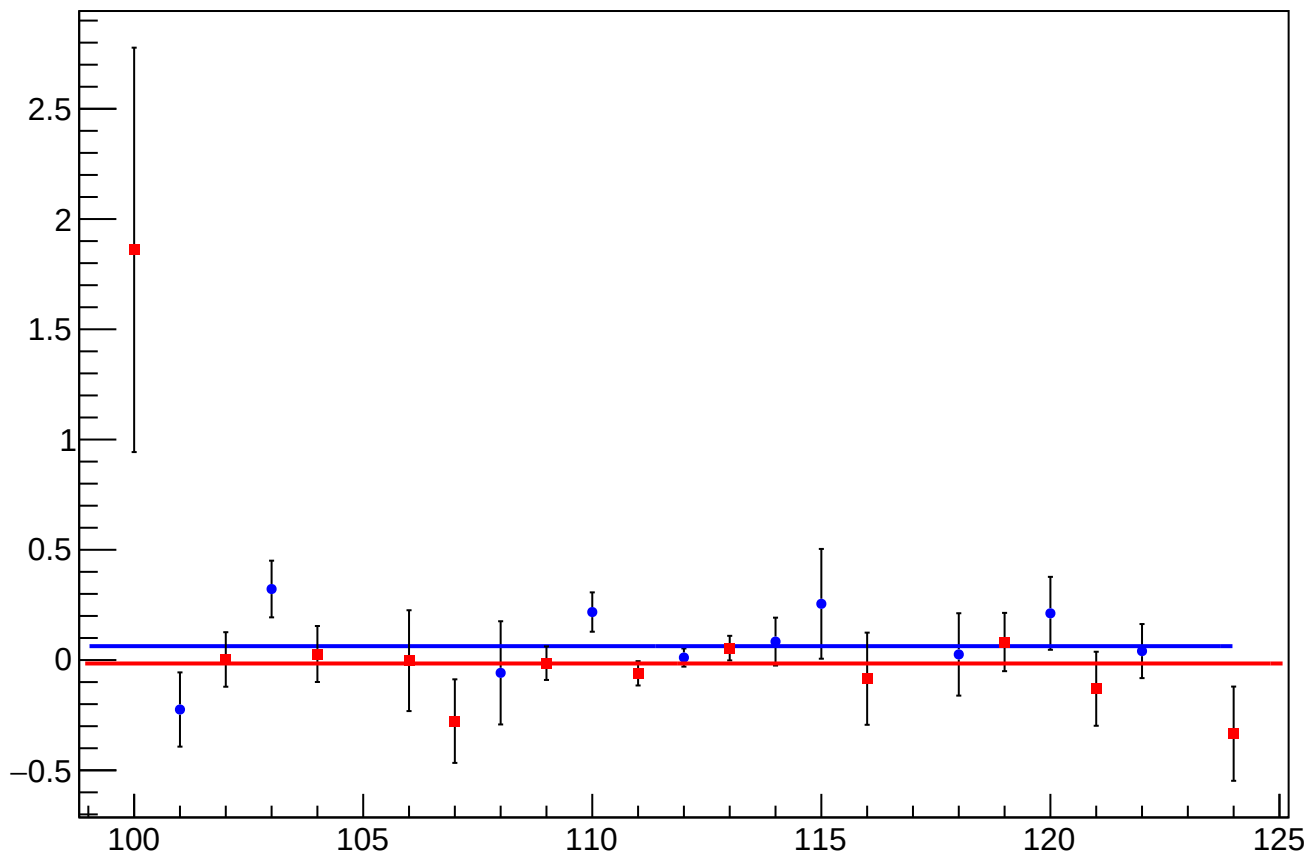
Right: 0.000+/-0.000 χ^2/NDF : 678256.1/21

In: 0.000+/-0.000 χ^2/NDF : 357223.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 678256.1/21

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063 $\pm$ 0.031 χ^2 /NDF: 13.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.030 χ^2 /NDF: 11.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

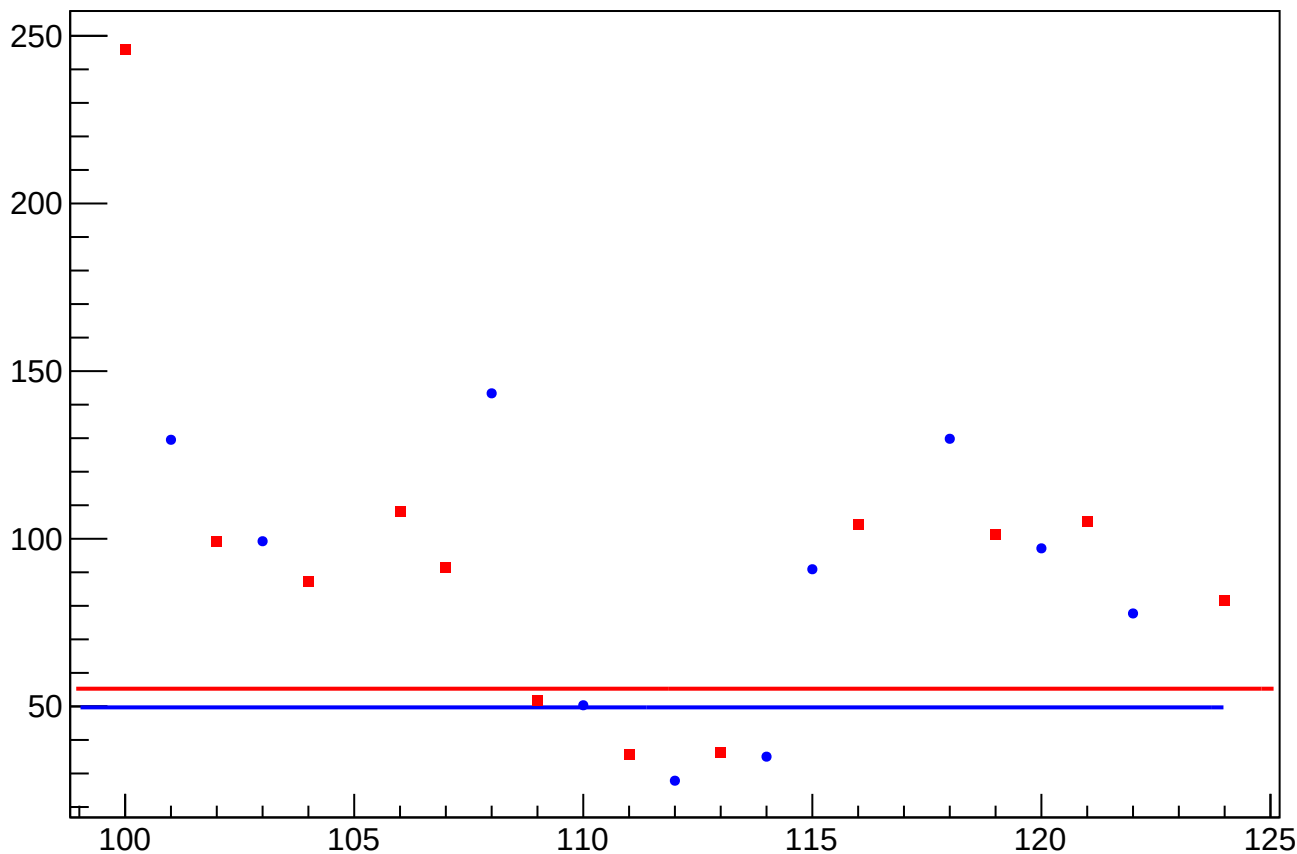
Right: 0.022 $\pm$ 0.021 χ^2 /NDF: 28.5/21

In: 0.063 $\pm$ 0.031 χ^2 /NDF:13.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.021 χ^2 /NDF: 28.5/21

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.717+/-0.022 χ^2/NDF : 2360258.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.286+/-0.021 χ^2/NDF : 1698393.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

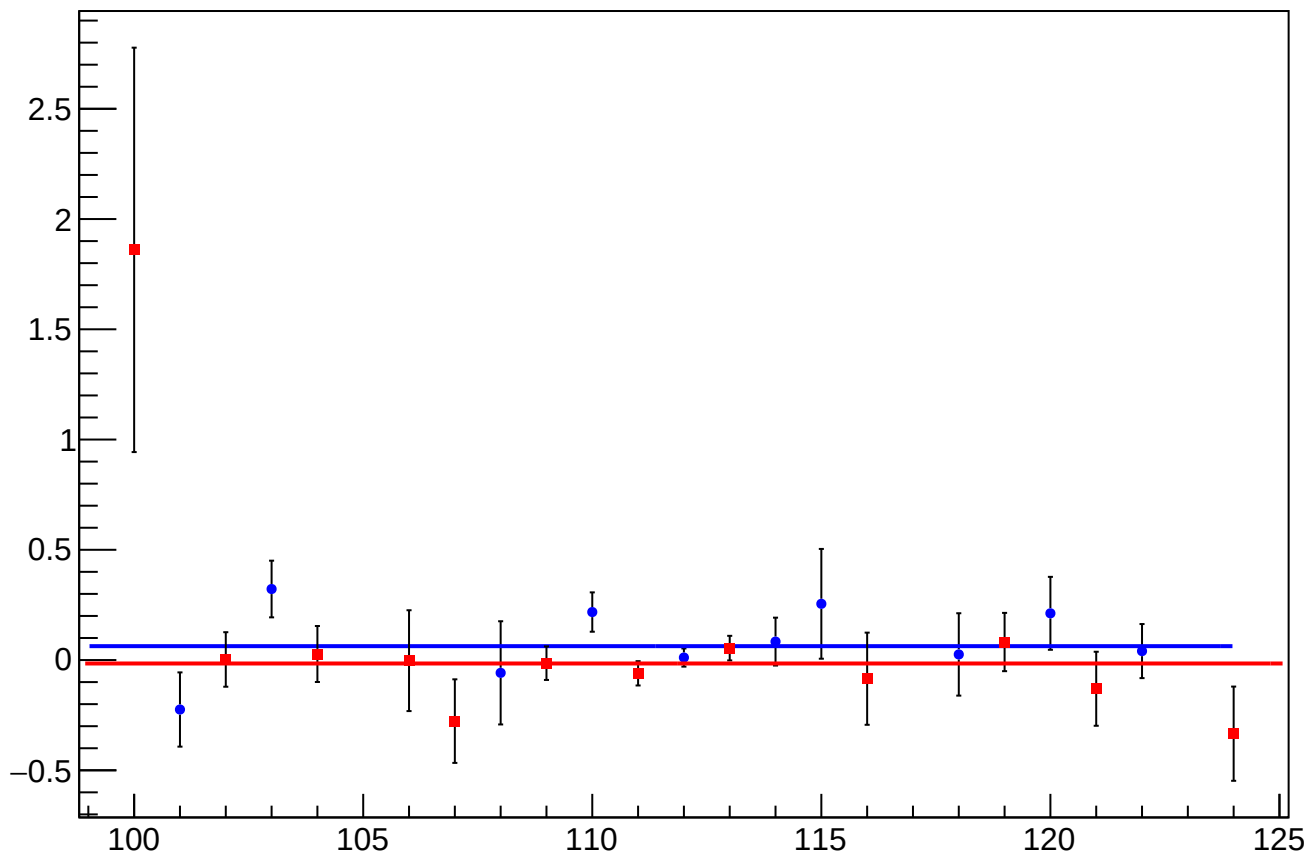
Right: 52.595+/-0.015 χ^2/NDF : 4092715.4/21

In: 49.717+/-0.022 χ^2/NDF : 2360258.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.595+/-0.015 χ^2/NDF : 4092715.4/21

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.031 χ^2/NDF : 13.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.016+/-0.030 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

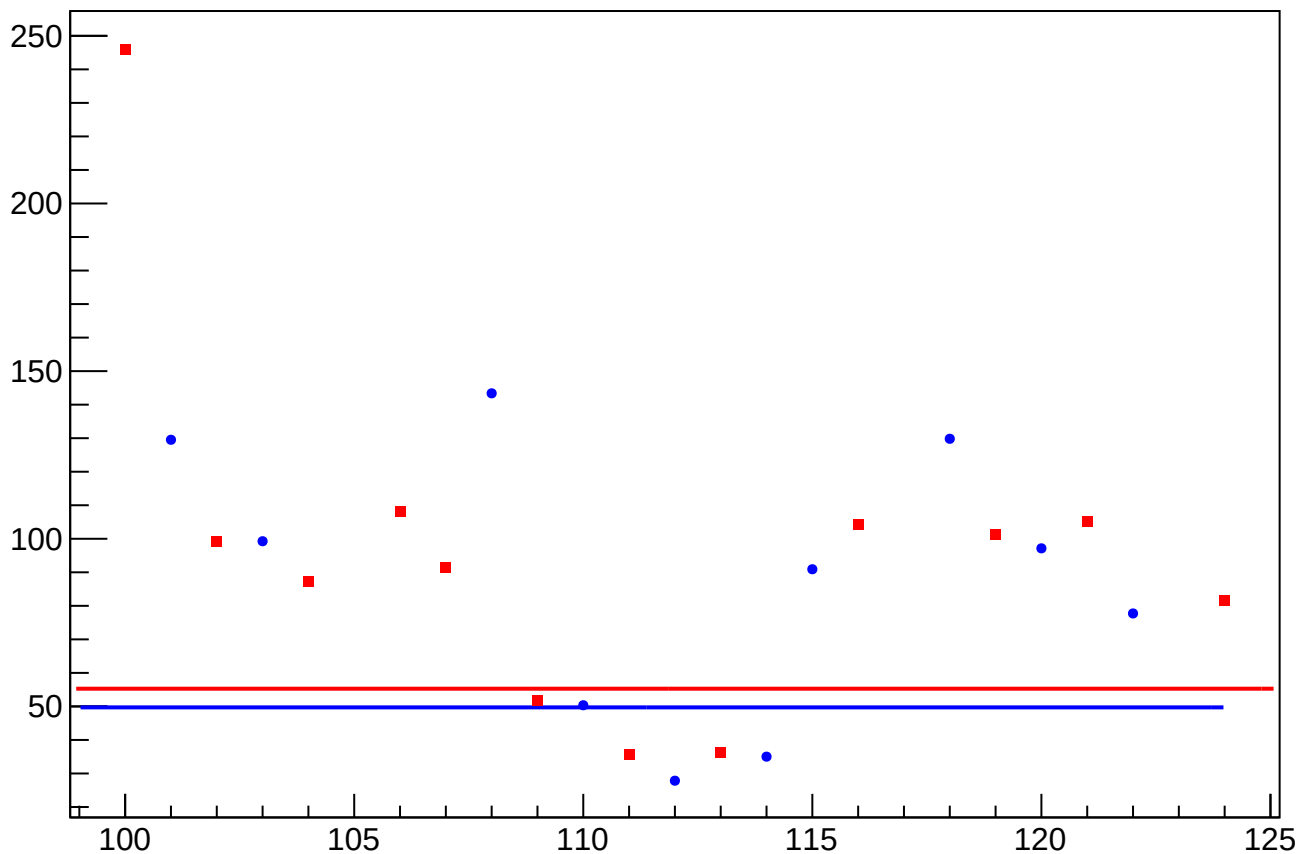
Right: 0.022+/-0.021 χ^2/NDF : 28.5/21

In: 0.063+/-0.031 χ^2/NDF :13.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.022+/-0.021 χ^2/NDF : 28.5/21

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.717+/-0.022 χ^2/NDF : 2360258.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.286+/-0.021 χ^2/NDF : 1698393.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

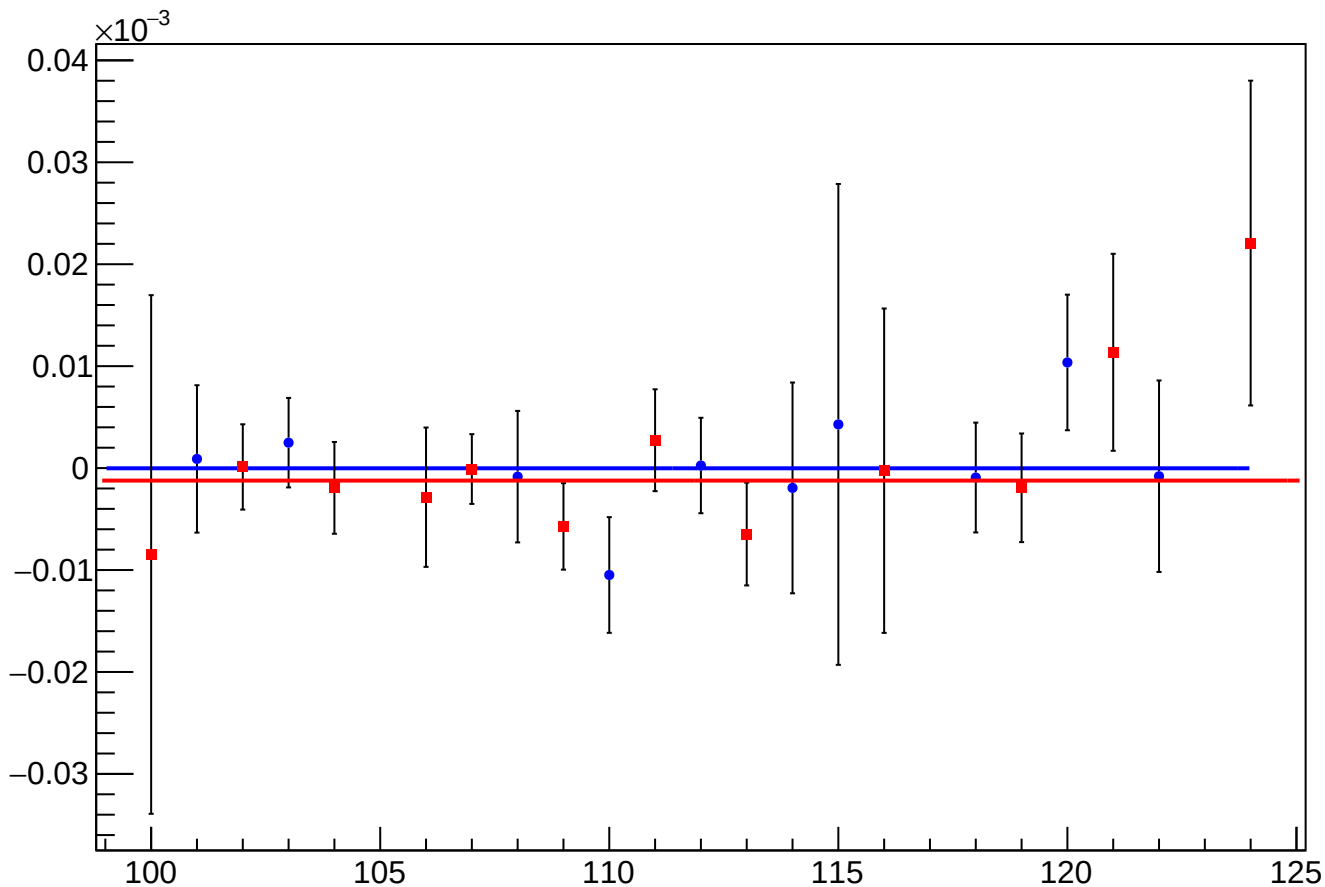
Right: 52.595+/-0.015 χ^2/NDF : 4092715.4/21

In: 49.717+/-0.022 χ^2/NDF : 2360258.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.595+/-0.015 χ^2/NDF : 4092715.4/21

asym_sam4_eigen_dit_vs_dit_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 : 7.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

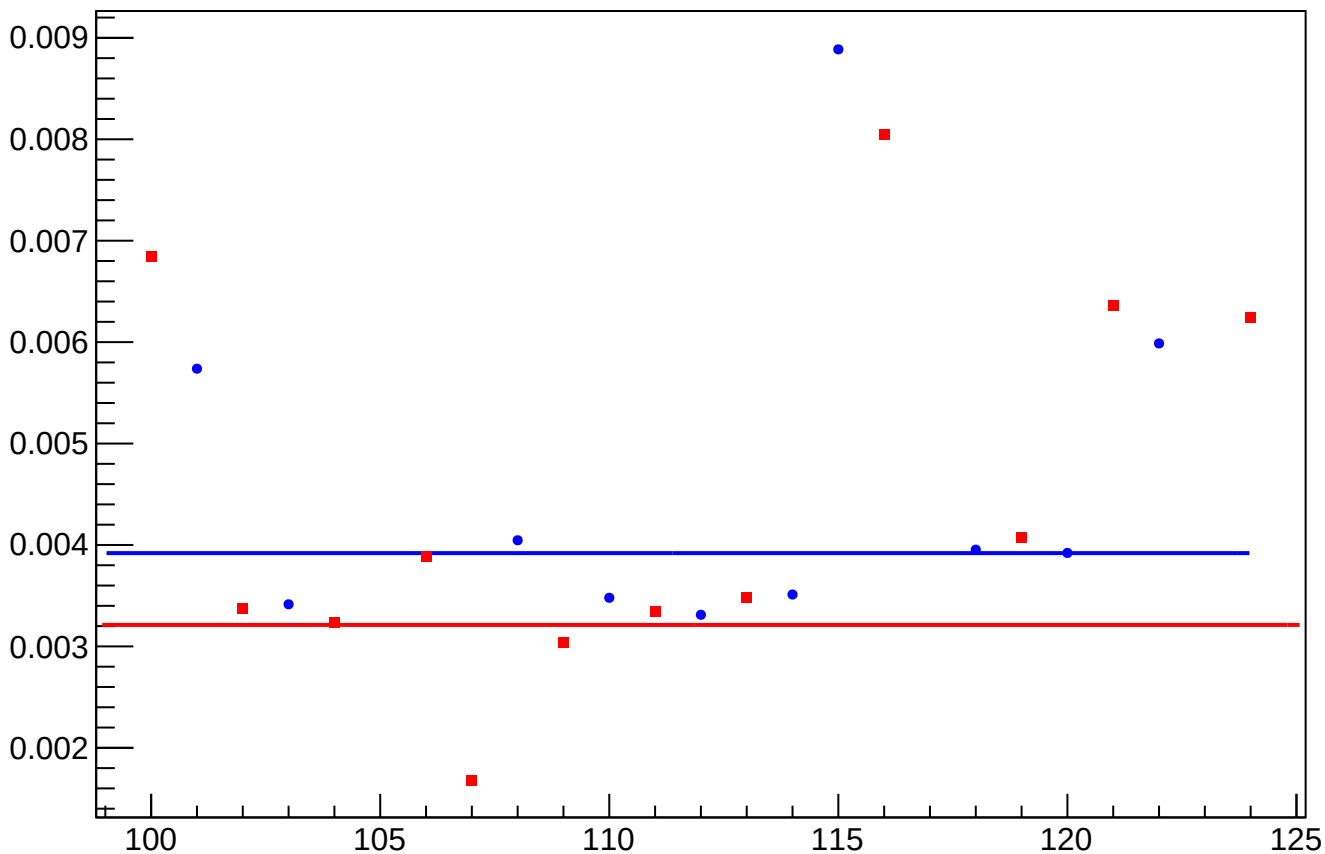
Right: -0.000+/-0.000 χ^2/NDF : 13.6/21

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 : 13.6/21

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 388298.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 997097.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

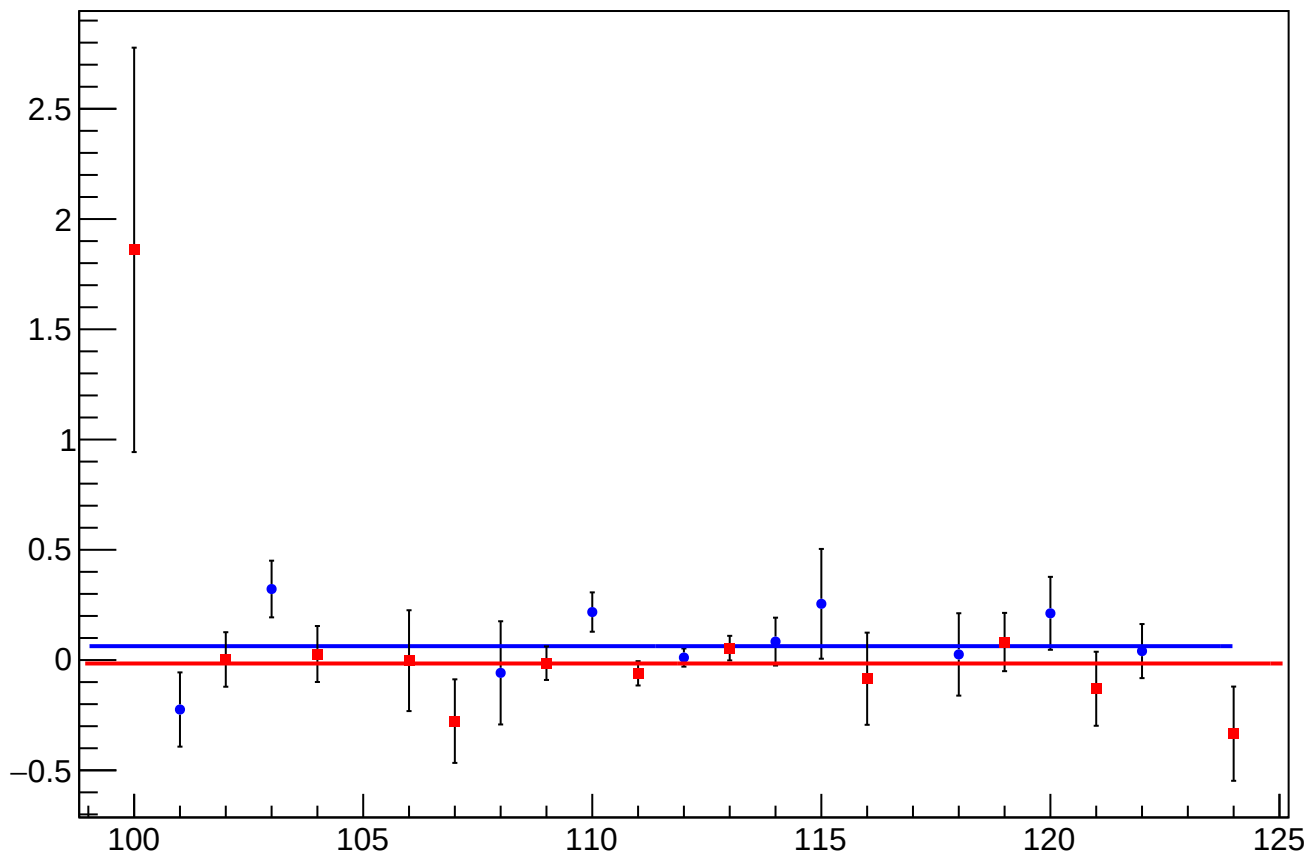
Right: 0.003+/-0.000 χ^2/NDF : 1540564.4/21

In: 0.004+/-0.000 χ^2/NDF : 388298.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1540564.4/21

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.031 χ^2/NDF : 13.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.016+/-0.030 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

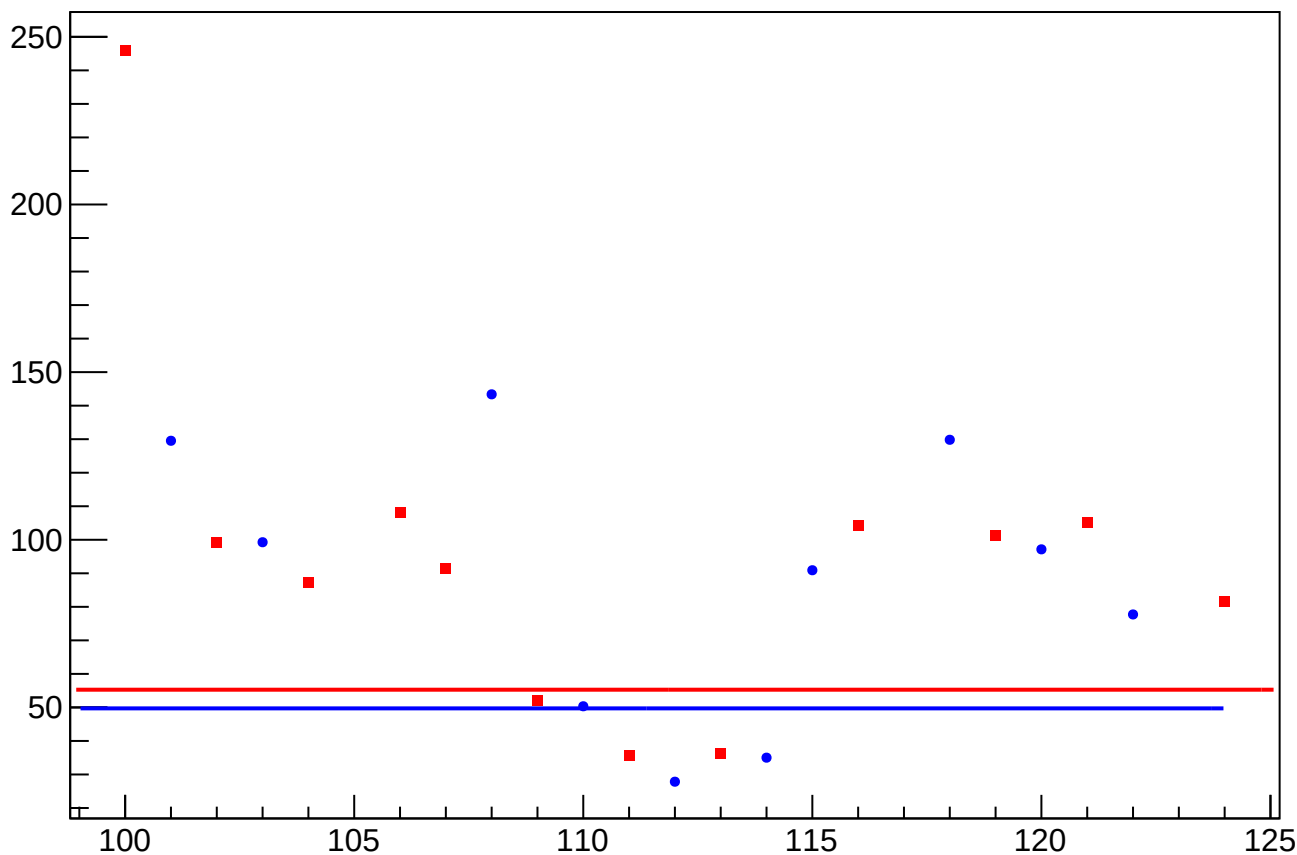
Right: 0.022+/-0.021 χ^2/NDF : 28.5/21

In: 0.063+/-0.031 χ^2/NDF :13.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.022+/-0.021 χ^2/NDF : 28.5/21

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.715+/-0.022 χ^2/NDF : 2360397.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.284+/-0.021 χ^2/NDF : 1698535.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

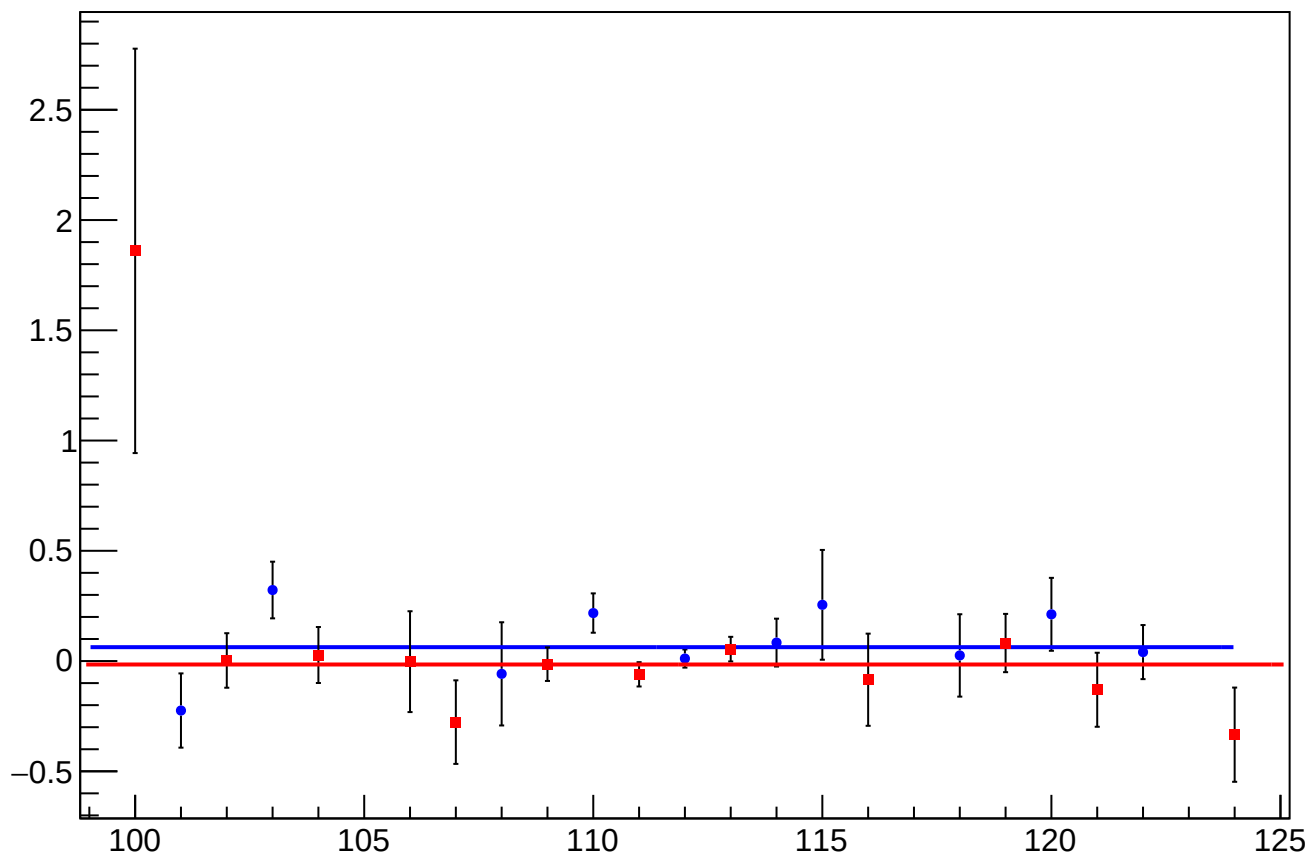
Right: 52.593+/-0.015 χ^2/NDF : 4092999.8/21

In: 49.715+/-0.022 χ^2/NDF : 2360397.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.593+/-0.015 χ^2/NDF : 4092999.8/21

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.031 χ^2/NDF : 13.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.030 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

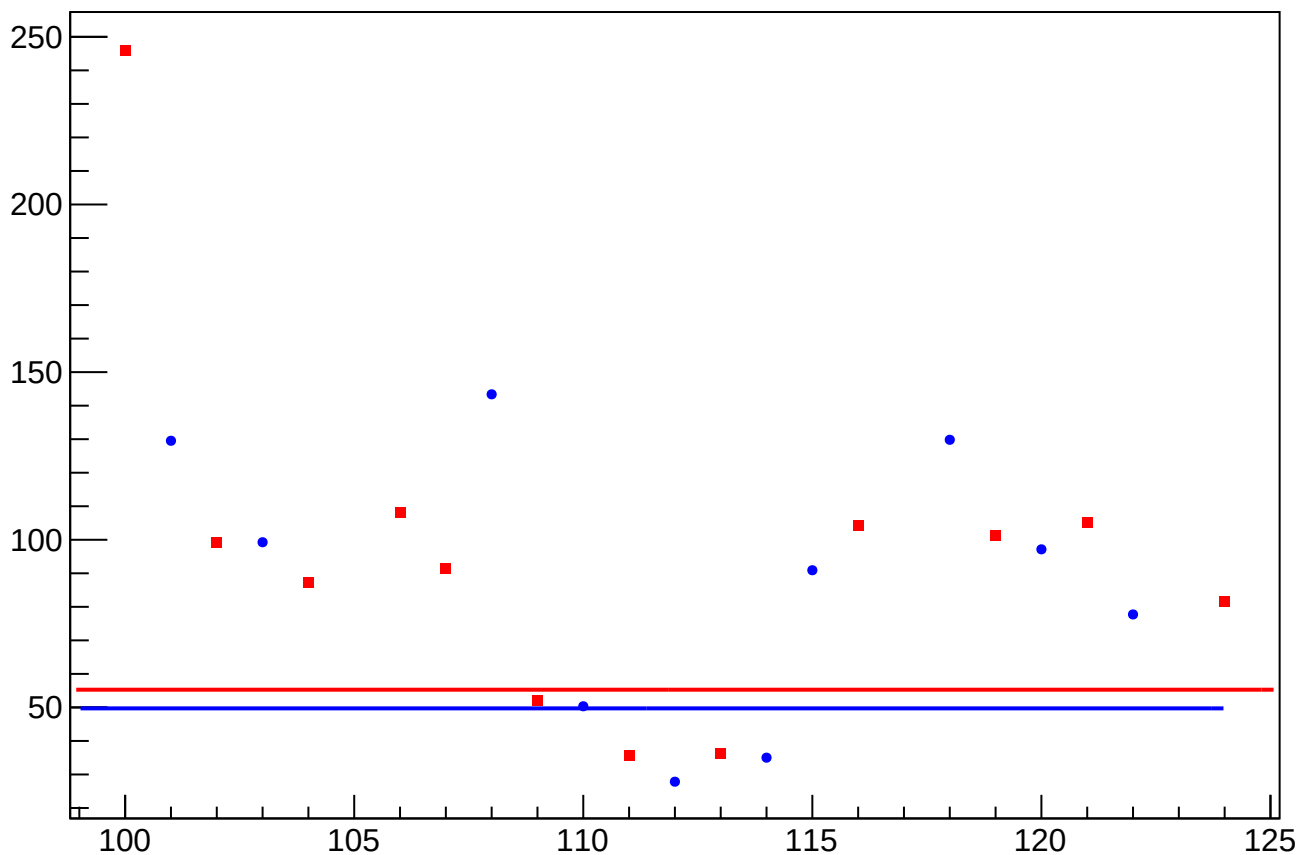
Right: 0.022+/-0.021 χ^2/NDF : 28.5/21

In: 0.063+/-0.031 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.021 χ^2/NDF : 28.5/21

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.715+/-0.022 χ^2/NDF : 2360397.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.284+/-0.021 χ^2/NDF : 1698535.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

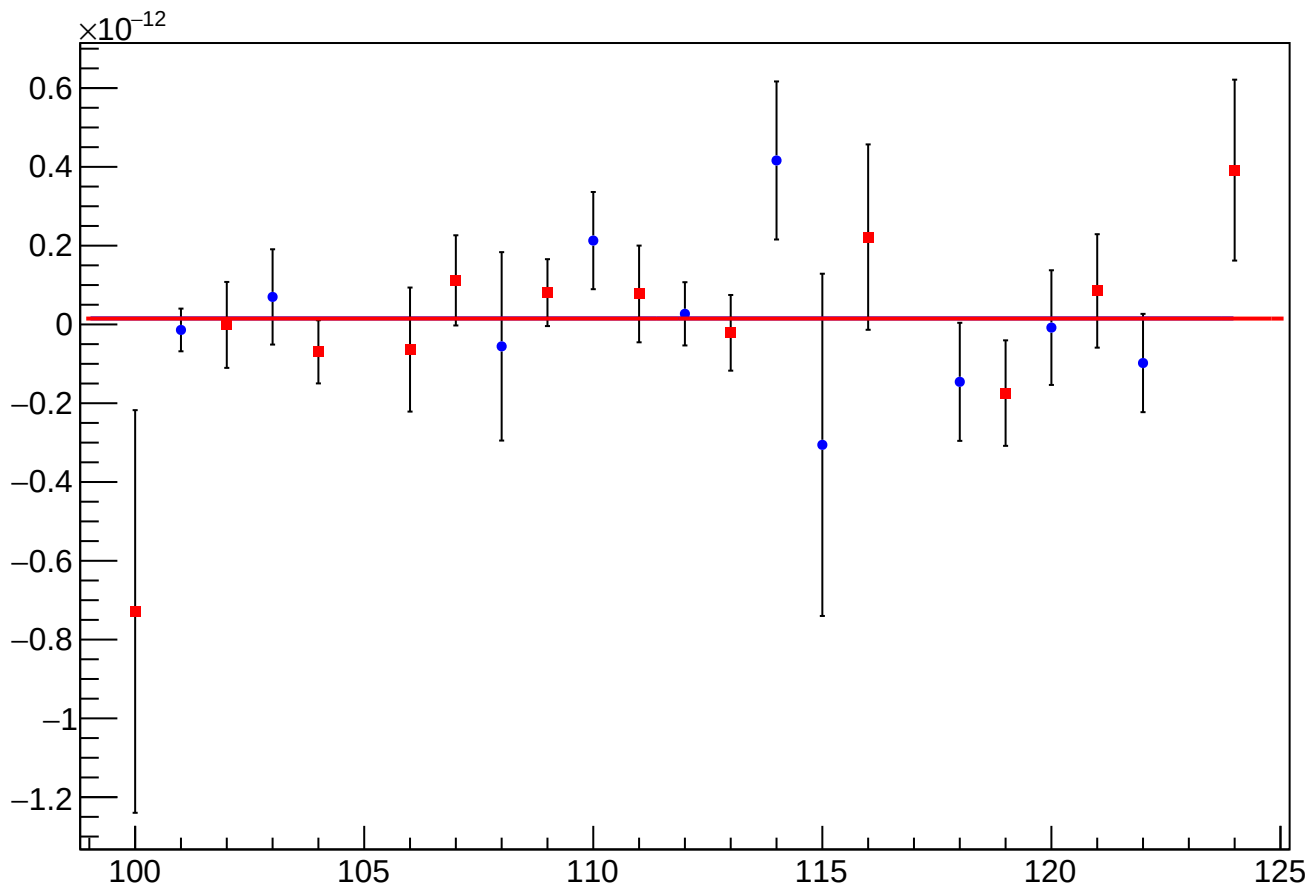
Right: 52.593+/-0.015 χ^2/NDF : 4092999.8/21

In: 49.715+/-0.022 χ^2/NDF : 2360397.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.593+/-0.015 χ^2/NDF : 4092999.8/21

asym_sam4_eigen_cor_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 : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

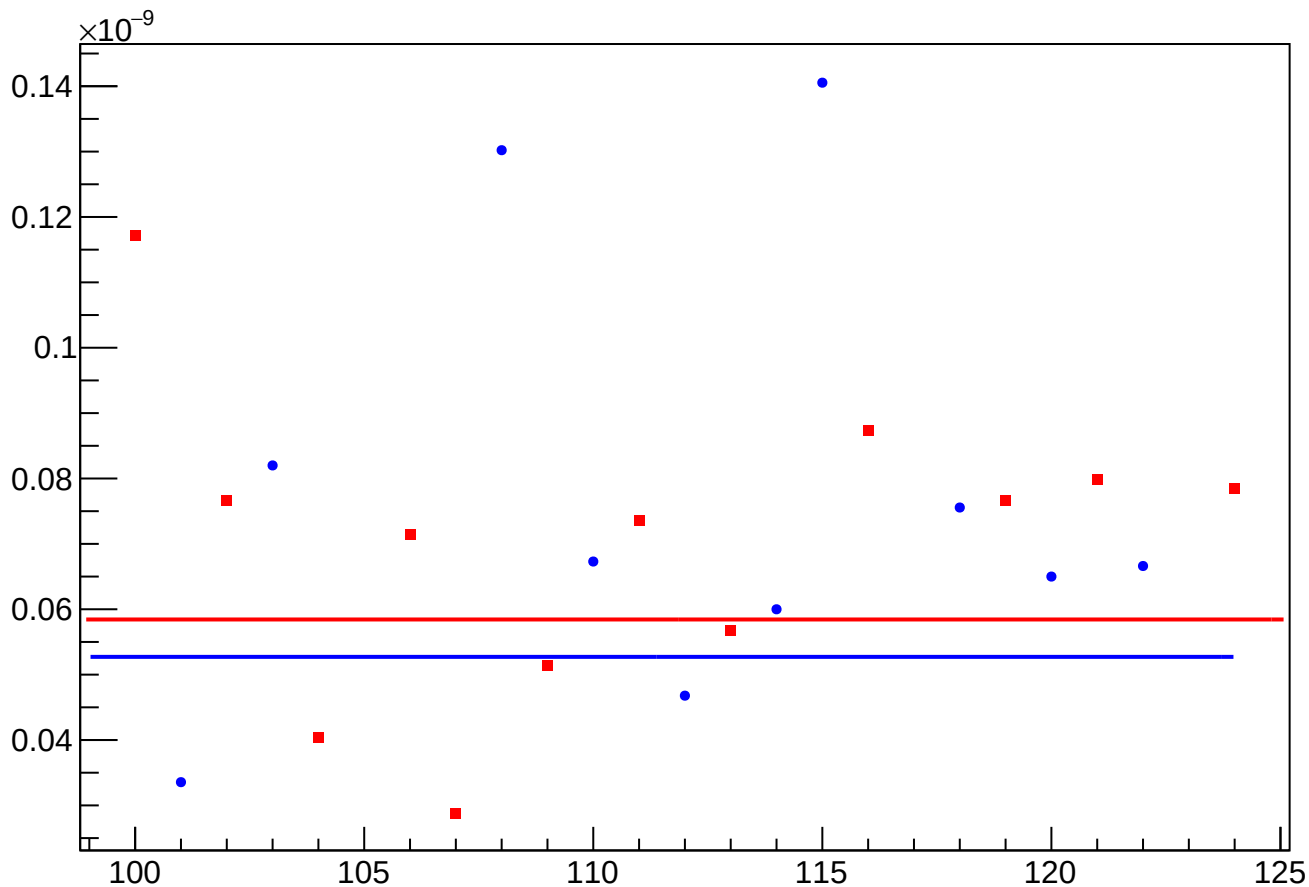
Right: 0.000+/-0.000 χ^2/NDF : 20.6/21

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 : 20.6/21

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 786243.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 501962.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

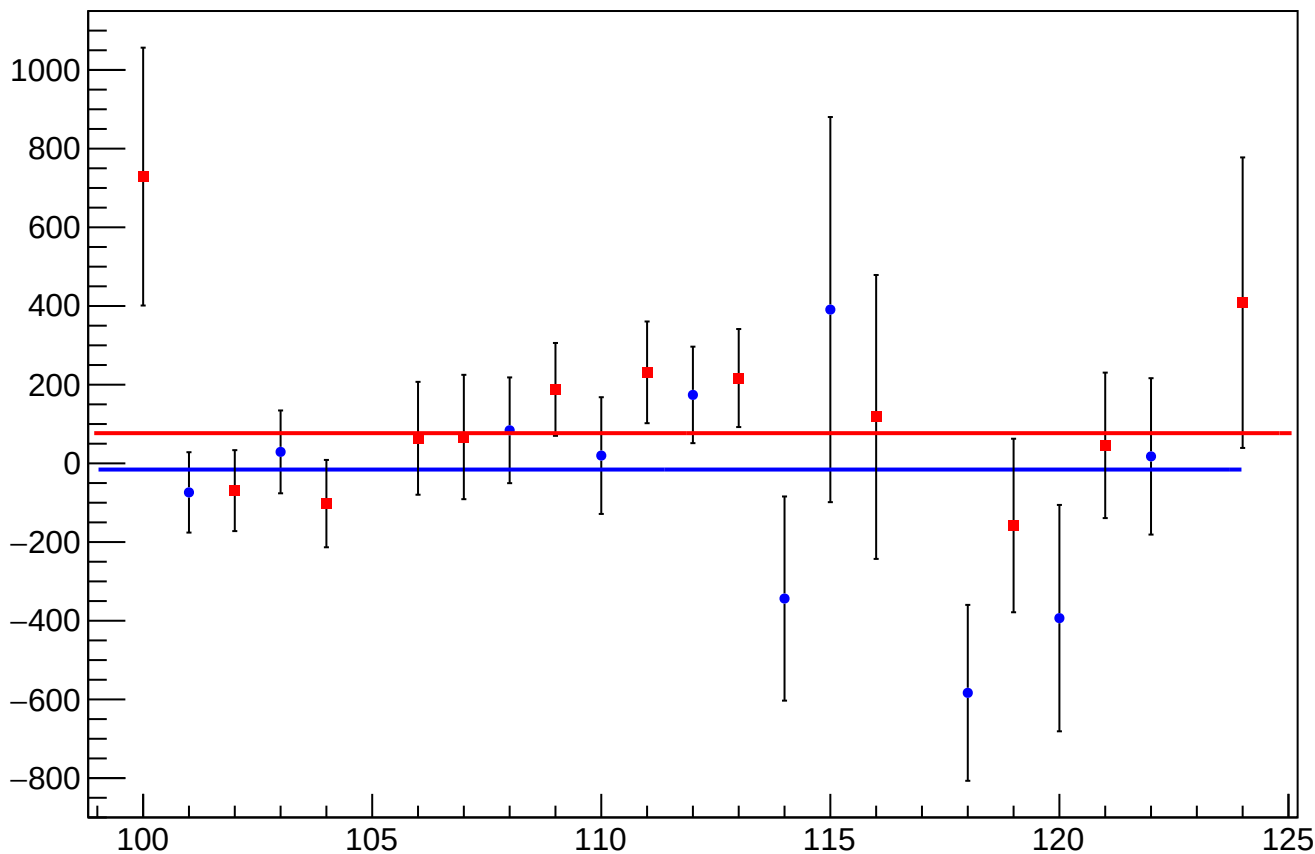
Right: 0.000+/-0.000 χ^2/NDF : 1315143.4/21

In: 0.000+/-0.000 χ^2/NDF : 786243.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1315143.4/21

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -15.715 $\pm$ 48.236 χ^2 /NDF: 14.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 76.791 $\pm$ 43.255 χ^2 /NDF: 14.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

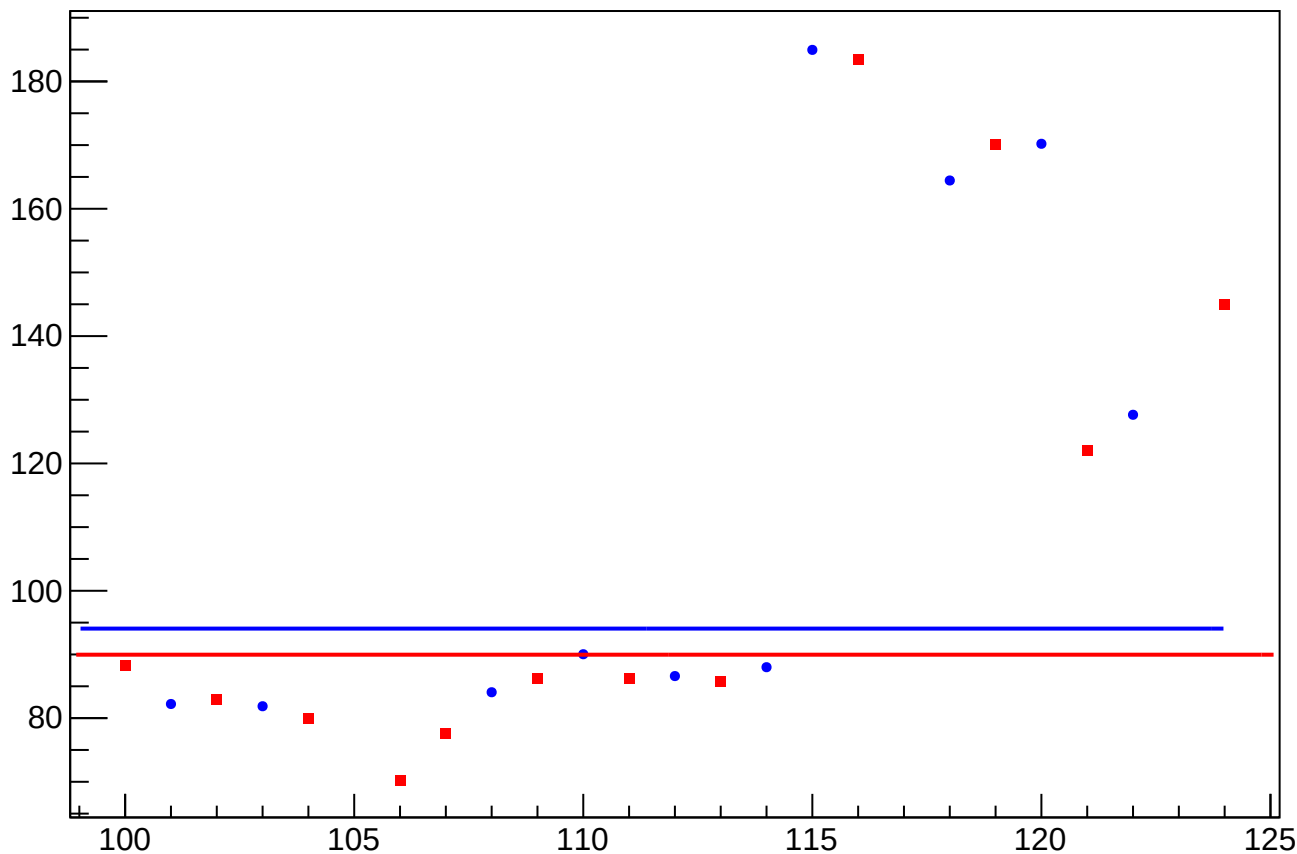
Right: 35.559 $\pm$ 32.203 χ^2 /NDF: 30.2/21

In: -15.715 $\pm$ 48.236 χ^2 /NDF:14.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.559 $\pm$ 32.203 χ^2 /NDF: 30.2/21

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.062 $\pm$ 0.034 χ^2 /NDF: 539101.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.962 $\pm$ 0.031 χ^2 /NDF: 585184.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

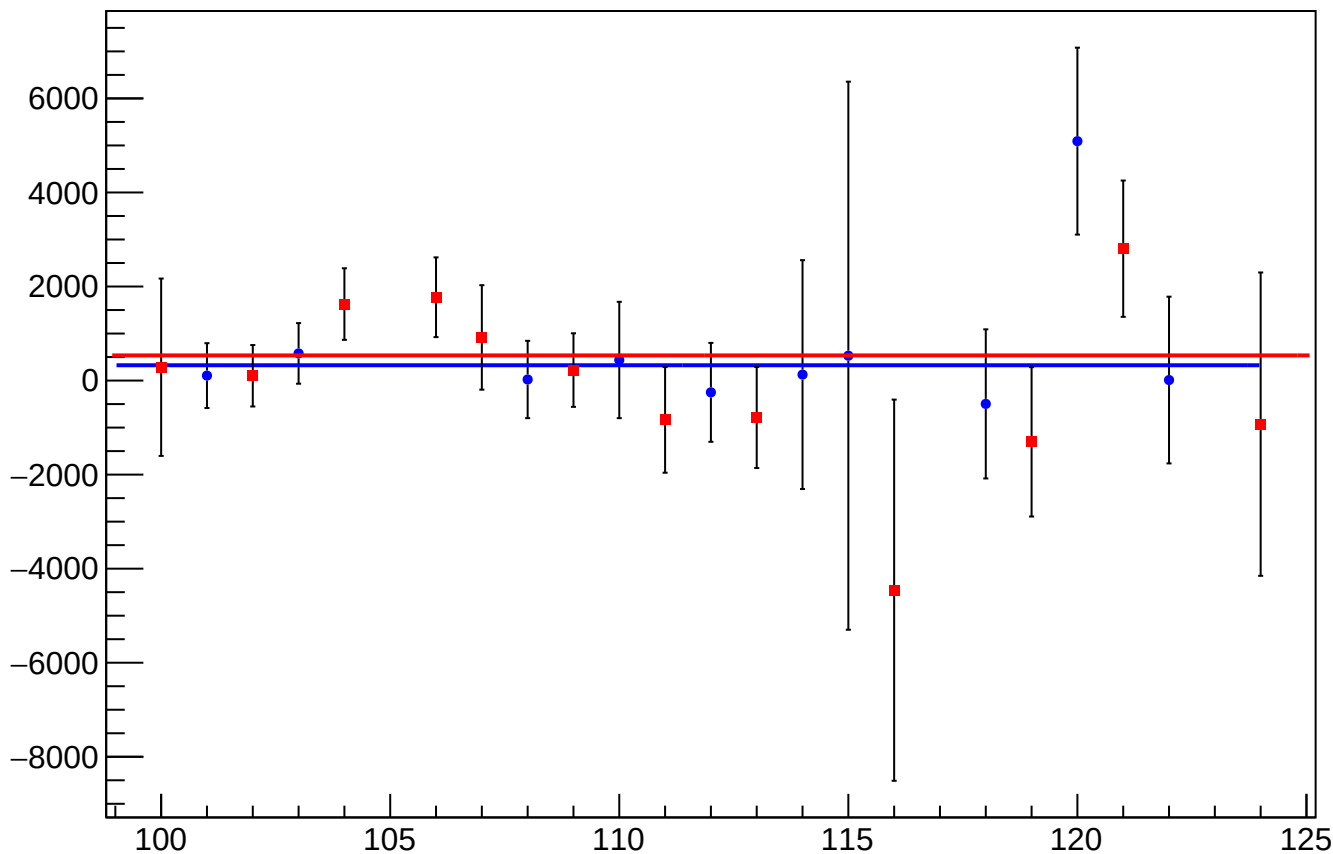
Right: 91.789 $\pm$ 0.023 χ^2 /NDF: 1132294.1/21

In: 94.062 $\pm$ 0.034 χ^2 /NDF:539101.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.789 $\pm$ 0.023 χ^2 /NDF: 1132294.1/21

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 325.719+/-338.663 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 534.911+/-303.231 χ^2/NDF : 13.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

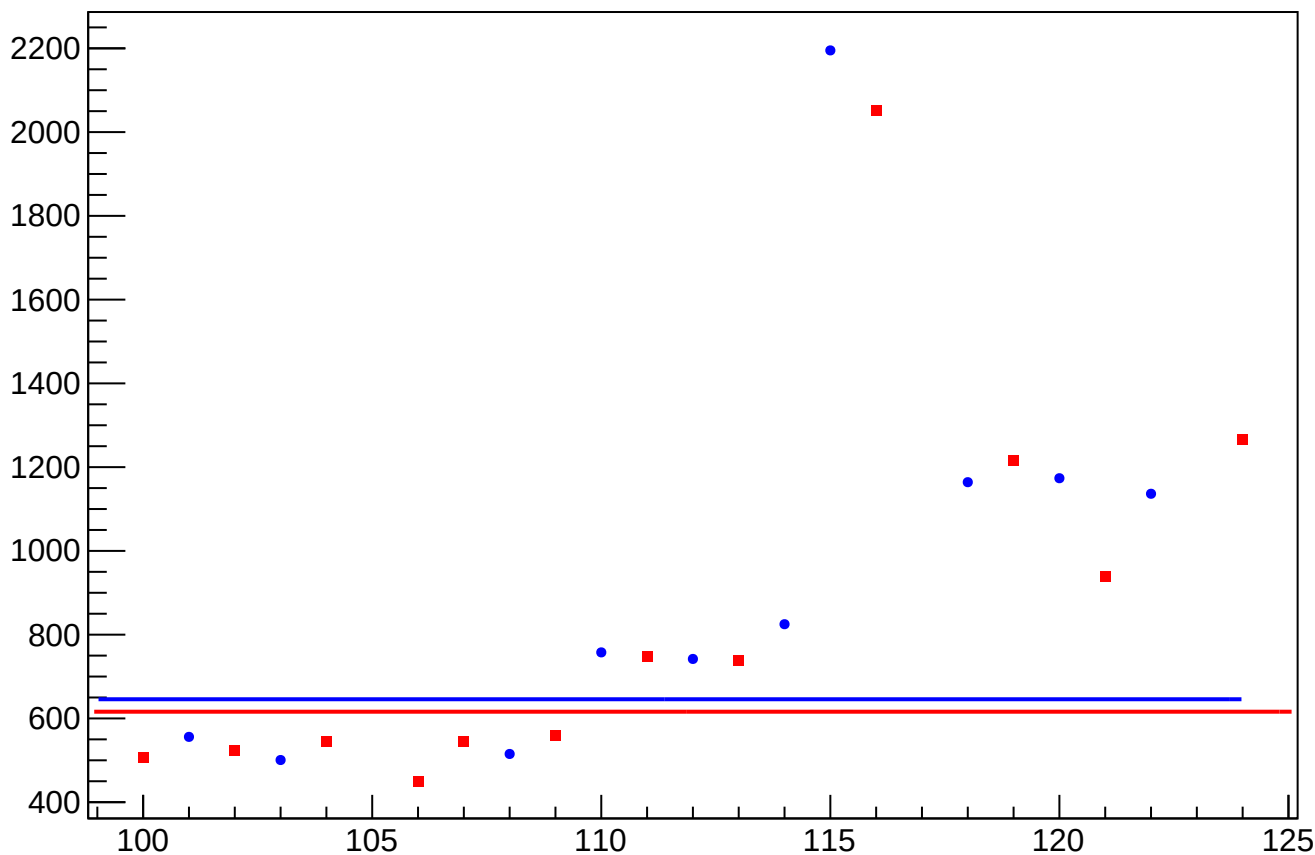
Right: 441.828+/-225.909 χ^2/NDF : 20.4/21

In: 325.719+/-338.663 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.828+/-225.909 χ^2/NDF : 20.4/21

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 645.786+/-0.239 χ^2/NDF : 879151.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 616.049+/-0.214 χ^2/NDF : 929492.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

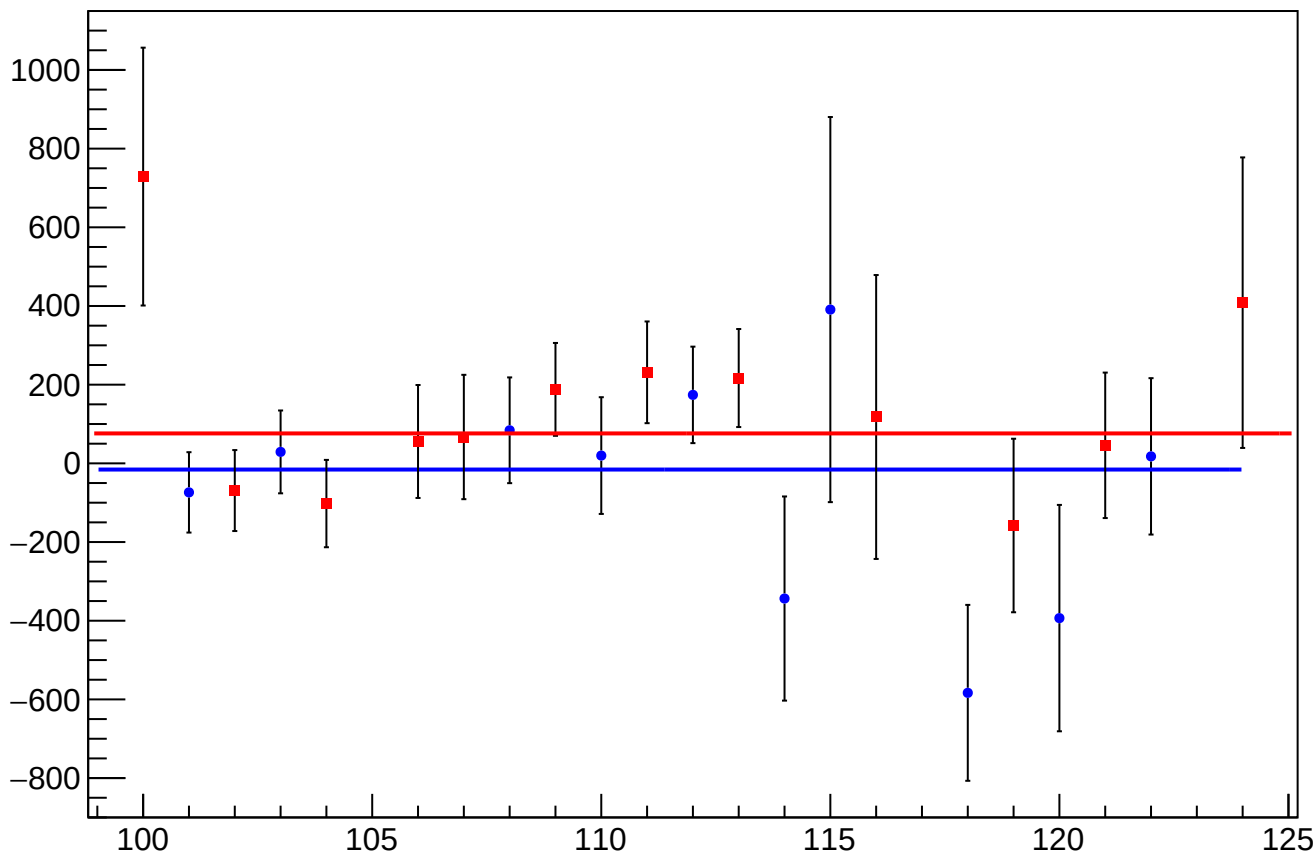
Right: 629.281+/-0.160 χ^2/NDF : 1817202.9/21

In: 645.786+/-0.239 χ^2/NDF : 879151.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.281+/-0.160 χ^2/NDF : 1817202.9/21

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -15.733 ± 48.236 χ^2/NDF : 14.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 76.091 ± 43.259 χ^2/NDF : 14.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

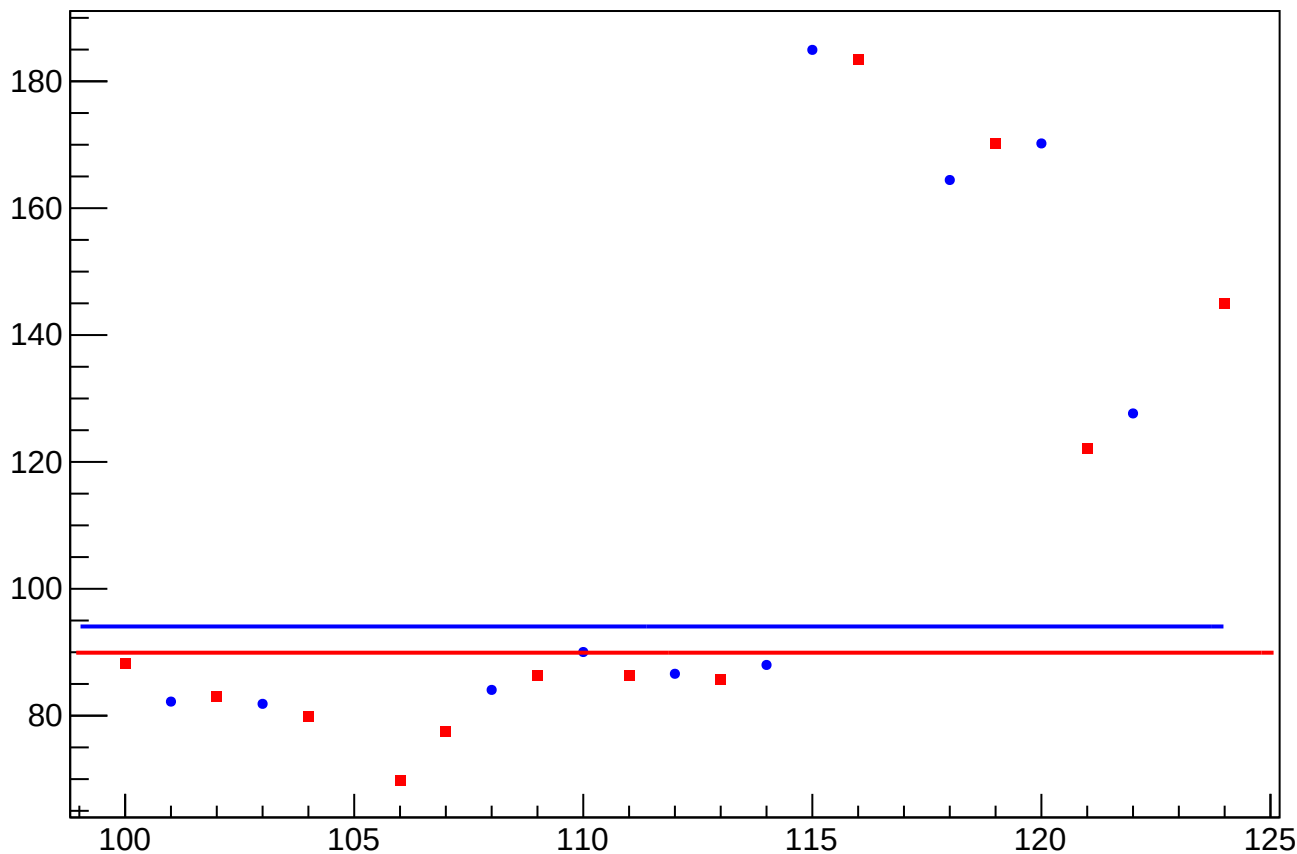
Right: 35.159 ± 32.205 χ^2/NDF : 30.2/21

In: -15.733 ± 48.236 χ^2/NDF : 14.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 35.159 ± 32.205 χ^2/NDF : 30.2/21

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.062+/-0.034 χ^2/NDF : 539100.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.929+/-0.031 χ^2/NDF : 586718.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

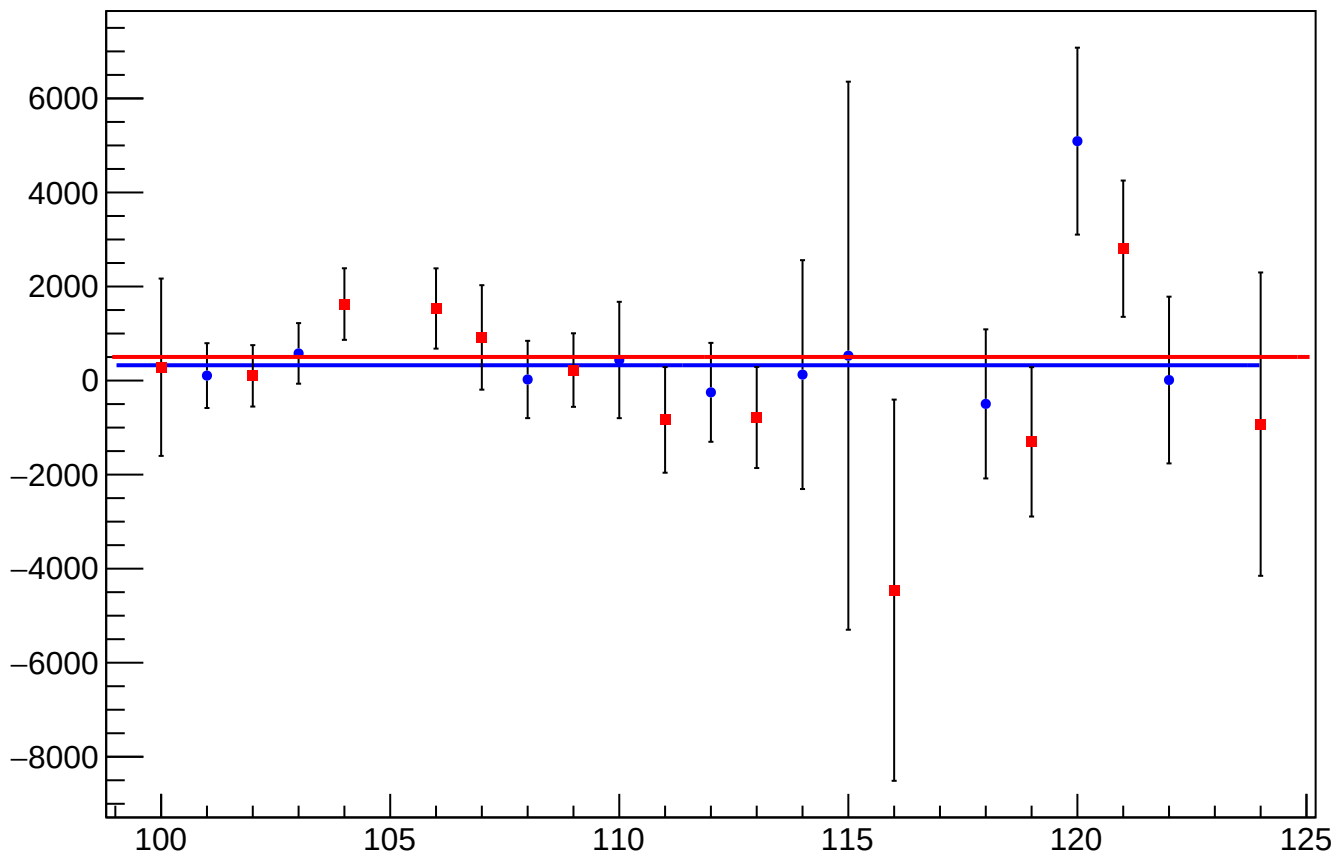
Right: 91.771+/-0.023 χ^2/NDF : 1133956.1/21

In: 94.062+/-0.034 χ^2/NDF : 539100.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.771+/-0.023 χ^2/NDF : 1133956.1/21

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 325.721+/-338.663 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 502.254+/-303.484 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

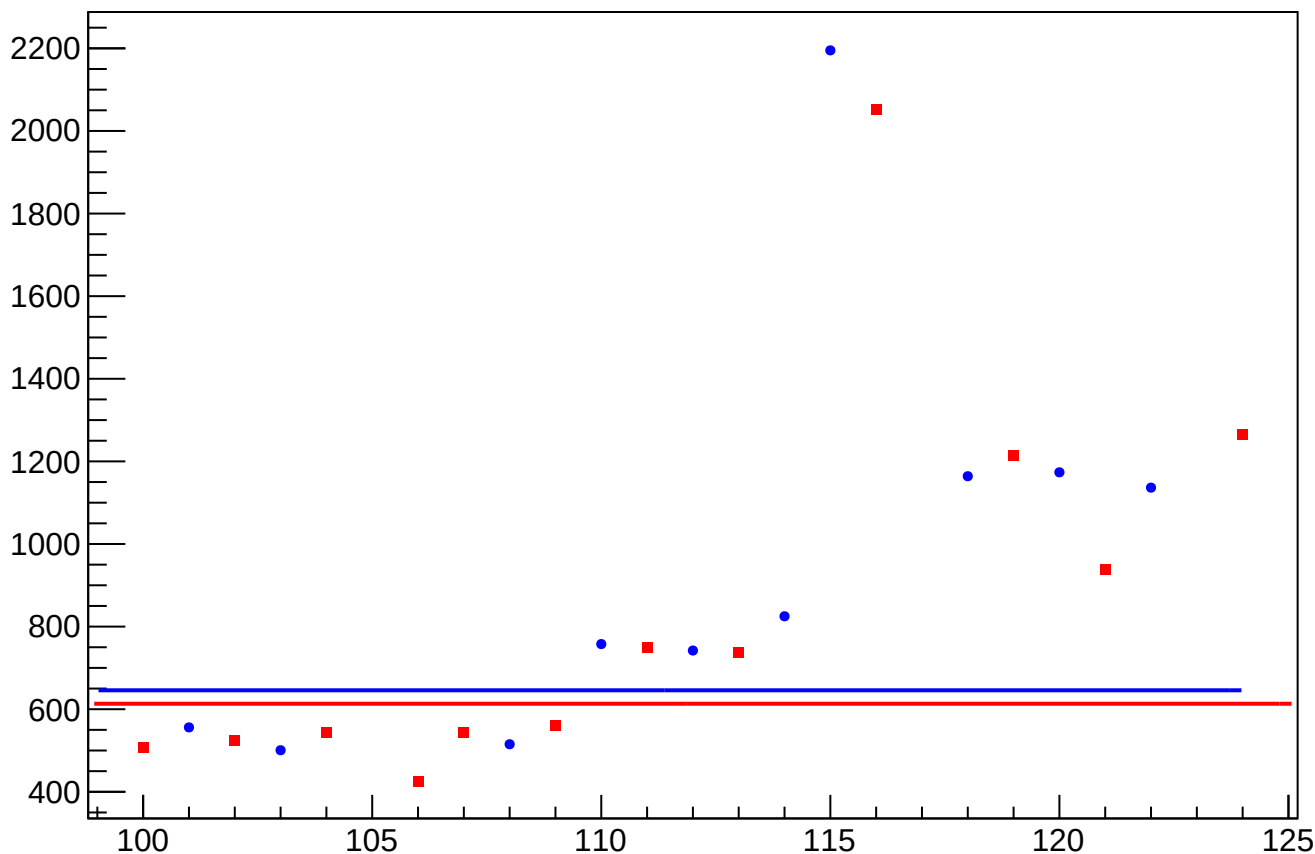
Right: 423.629+/-226.013 χ^2/NDF : 19.6/21

In: 325.721+/-338.663 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.629+/-226.013 χ^2/NDF : 19.6/21

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 645.786+/-0.239 χ^2/NDF : 879150.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.243+/-0.215 χ^2/NDF : 952310.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

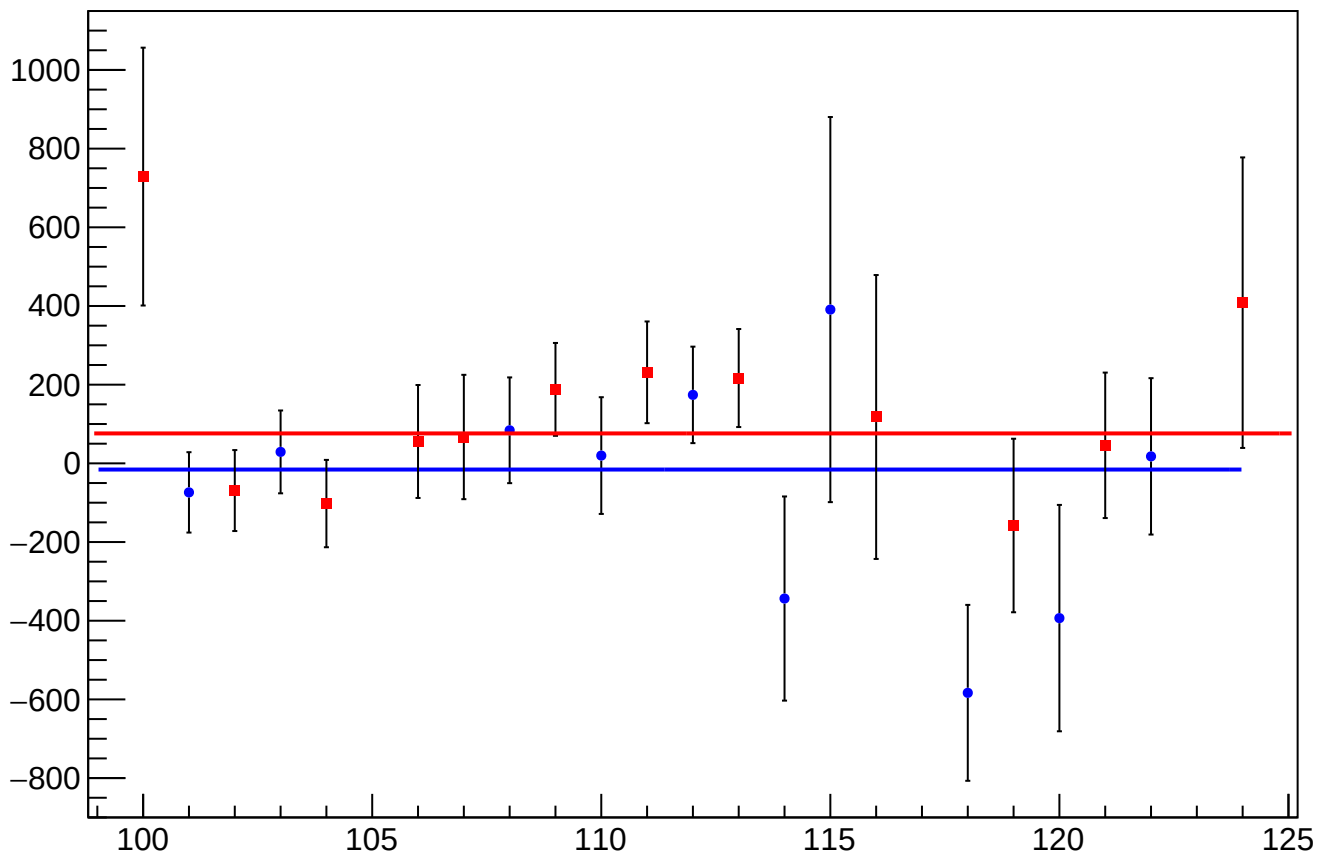
Right: 627.737+/-0.160 χ^2/NDF : 1841703.9/21

In: 645.786+/-0.239 χ^2/NDF : 879150.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.737+/-0.160 χ^2/NDF : 1841703.9/21

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -15.733+/-48.236 χ^2/NDF : 14.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 76.091+/-43.259 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

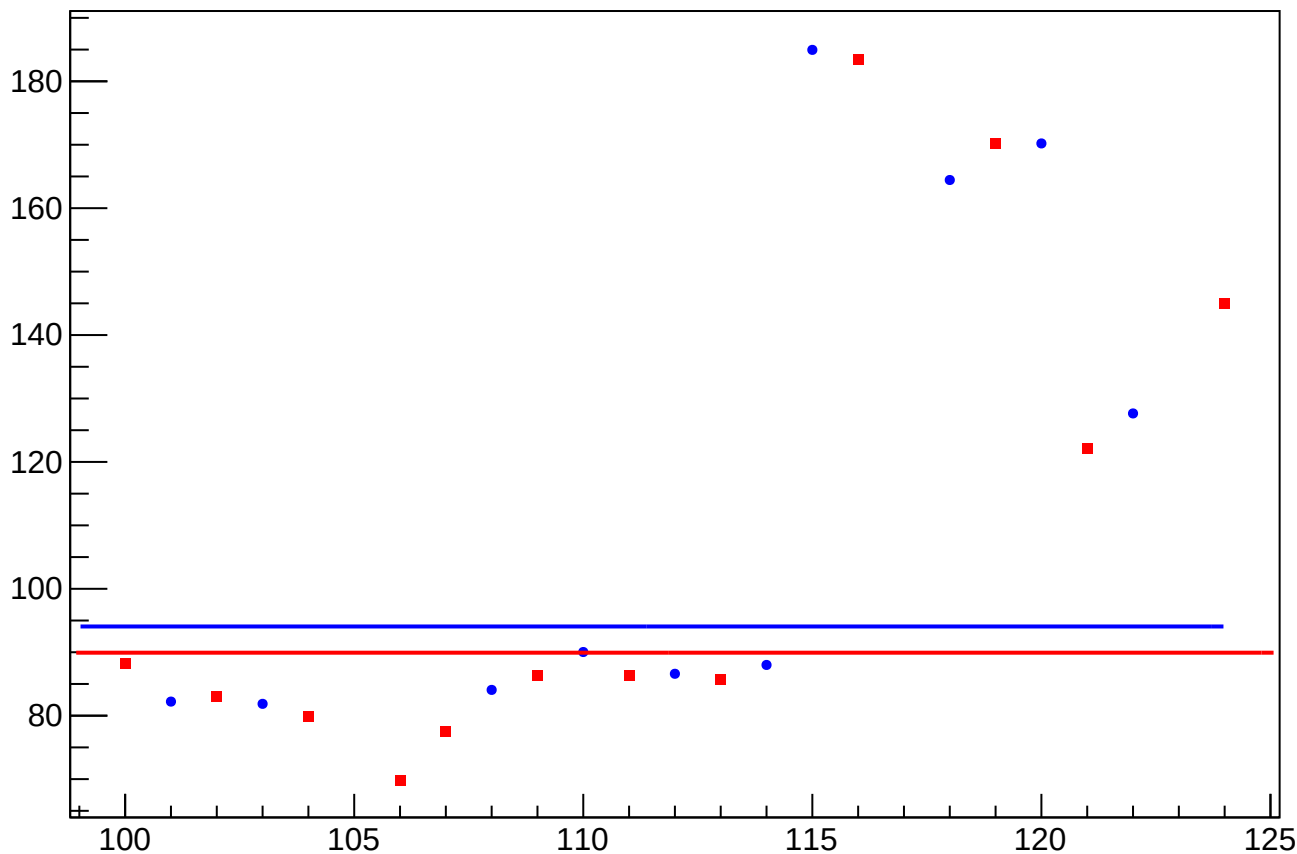
Right: 35.159+/-32.205 χ^2/NDF : 30.2/21

In: -15.733+/-48.236 χ^2/NDF :14.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.159+/-32.205 χ^2/NDF : 30.2/21

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.062 $\pm$ 0.034 χ^2 /NDF: 539100.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.929 $\pm$ 0.031 χ^2 /NDF: 586718.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

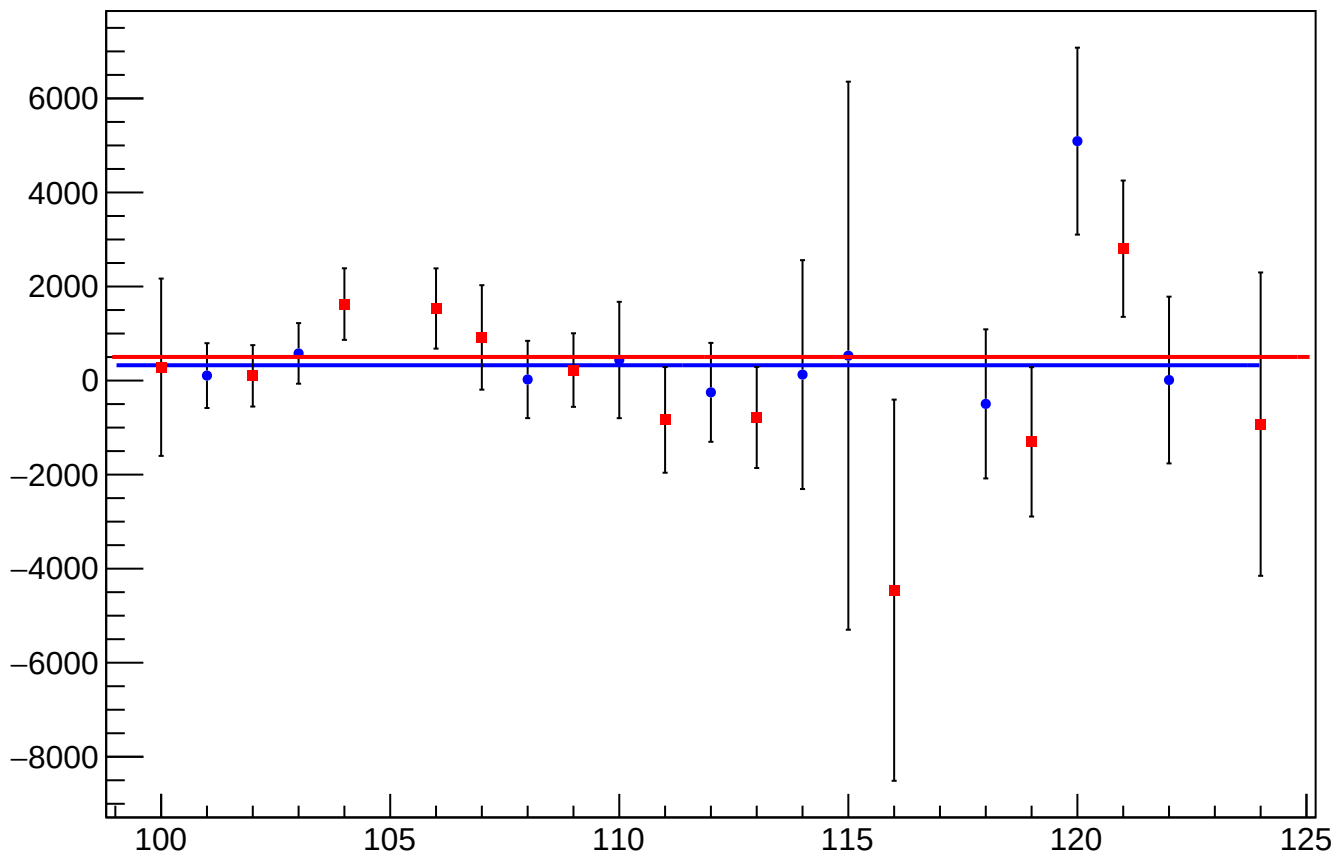
Right: 91.771 $\pm$ 0.023 χ^2 /NDF: 1133956.1/21

In: 94.062 $\pm$ 0.034 χ^2 /NDF:539100.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.771 $\pm$ 0.023 χ^2 /NDF: 1133956.1/21

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 325.721+/-338.663 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 502.254+/-303.484 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

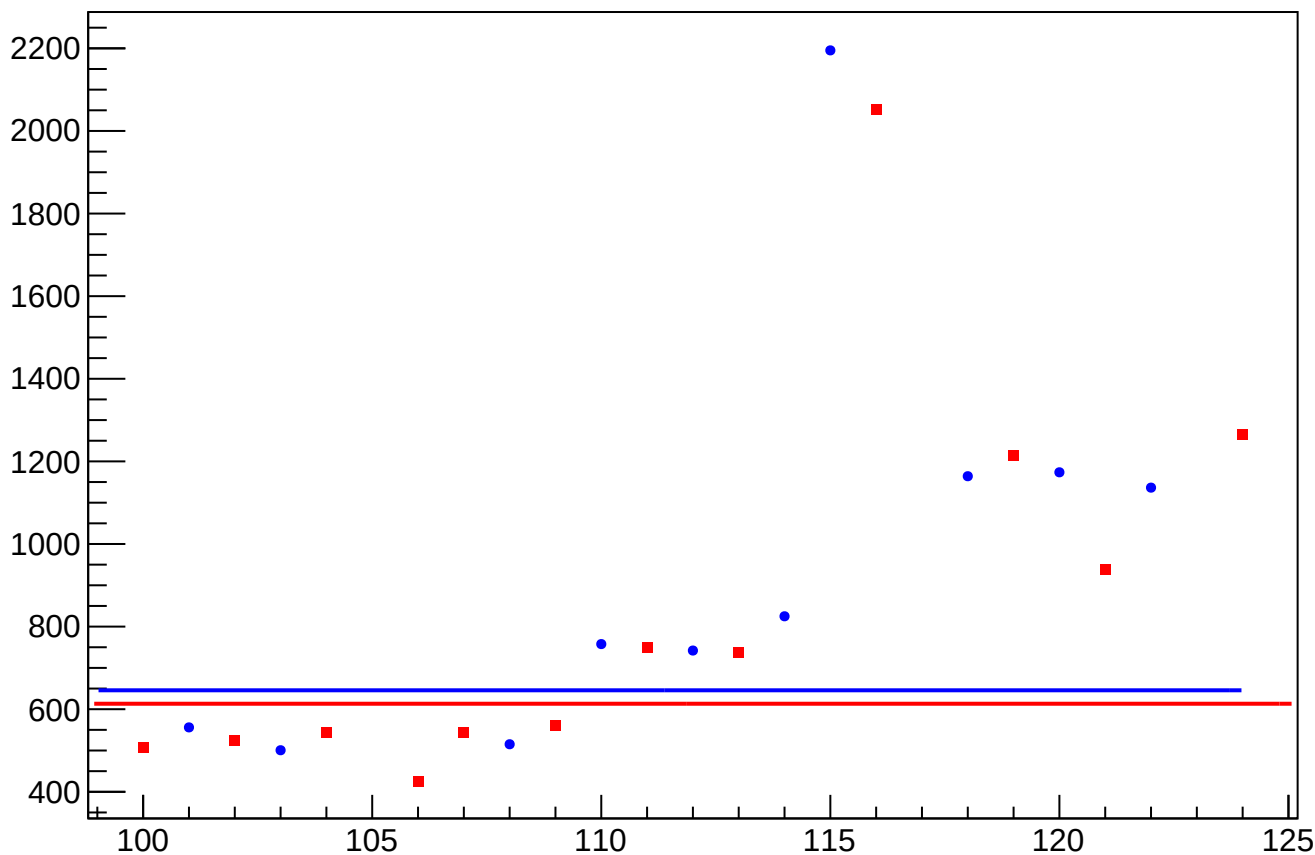
Right: 423.629+/-226.013 χ^2/NDF : 19.6/21

In: 325.721+/-338.663 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.629+/-226.013 χ^2/NDF : 19.6/21

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 645.786+/-0.239 χ^2/NDF : 879150.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.243+/-0.215 χ^2/NDF : 952310.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

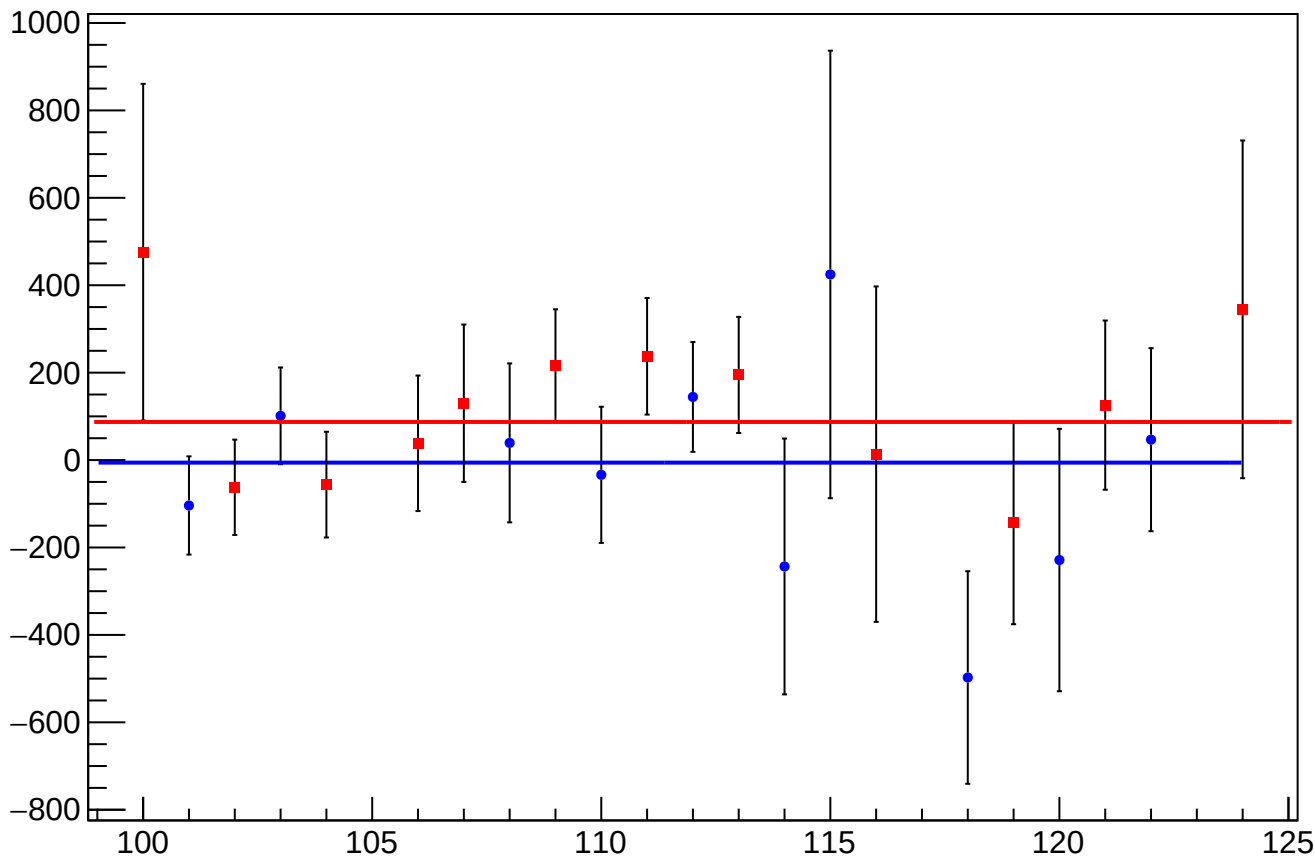
Right: 627.737+/-0.160 χ^2/NDF : 1841703.9/21

In: 645.786+/-0.239 χ^2/NDF : 879150.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.737+/-0.160 χ^2/NDF : 1841703.9/21

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -5.820 ± 52.554 χ^2/NDF : 9.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 87.228 ± 46.403 χ^2/NDF : 8.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

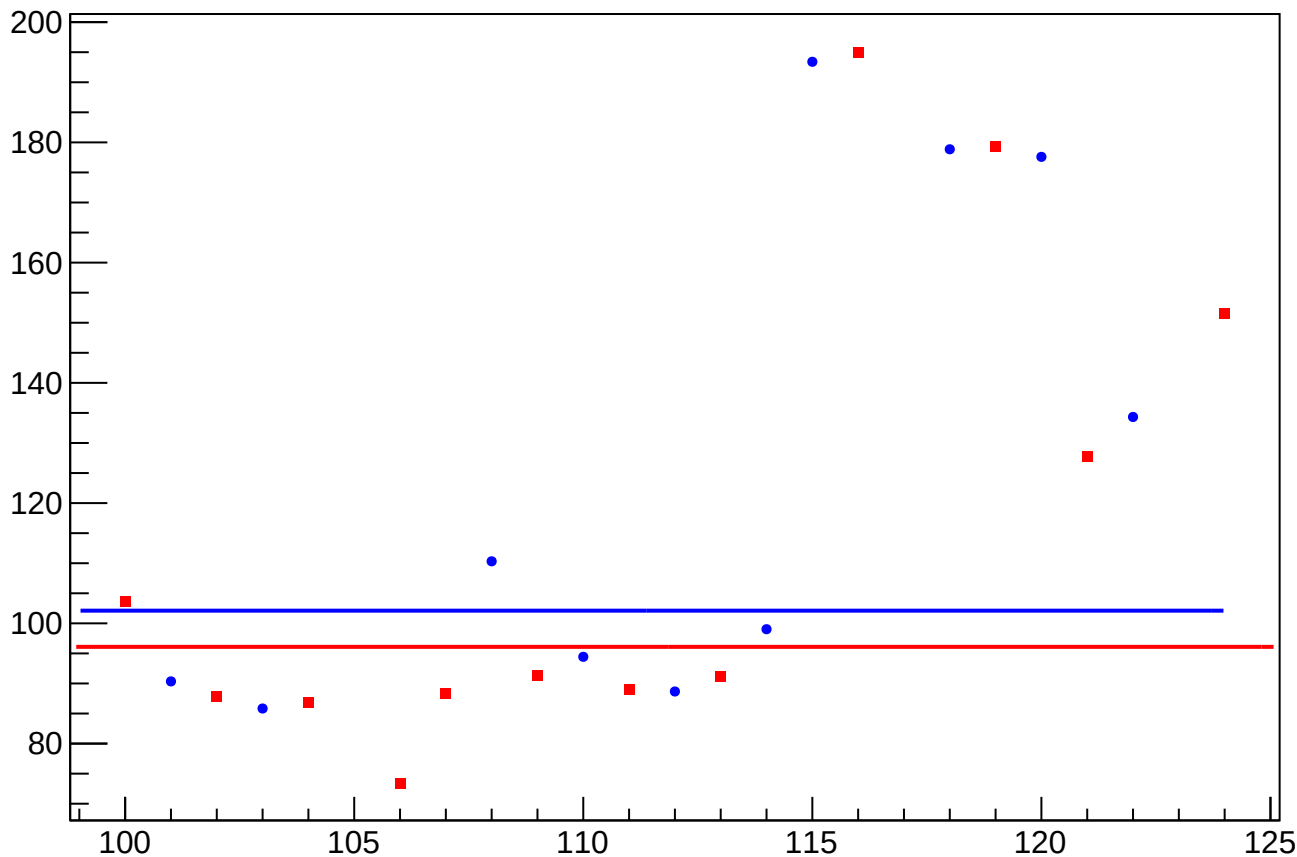
Right: 46.466 ± 34.784 χ^2/NDF : 20.0/21

In: -5.820 ± 52.554 χ^2/NDF : 9.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 46.466 ± 34.784 χ^2/NDF : 20.0/21

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 102.109 $\pm$ 0.037 χ^2 /NDF: 533833.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.090 $\pm$ 0.033 χ^2 /NDF: 565561.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

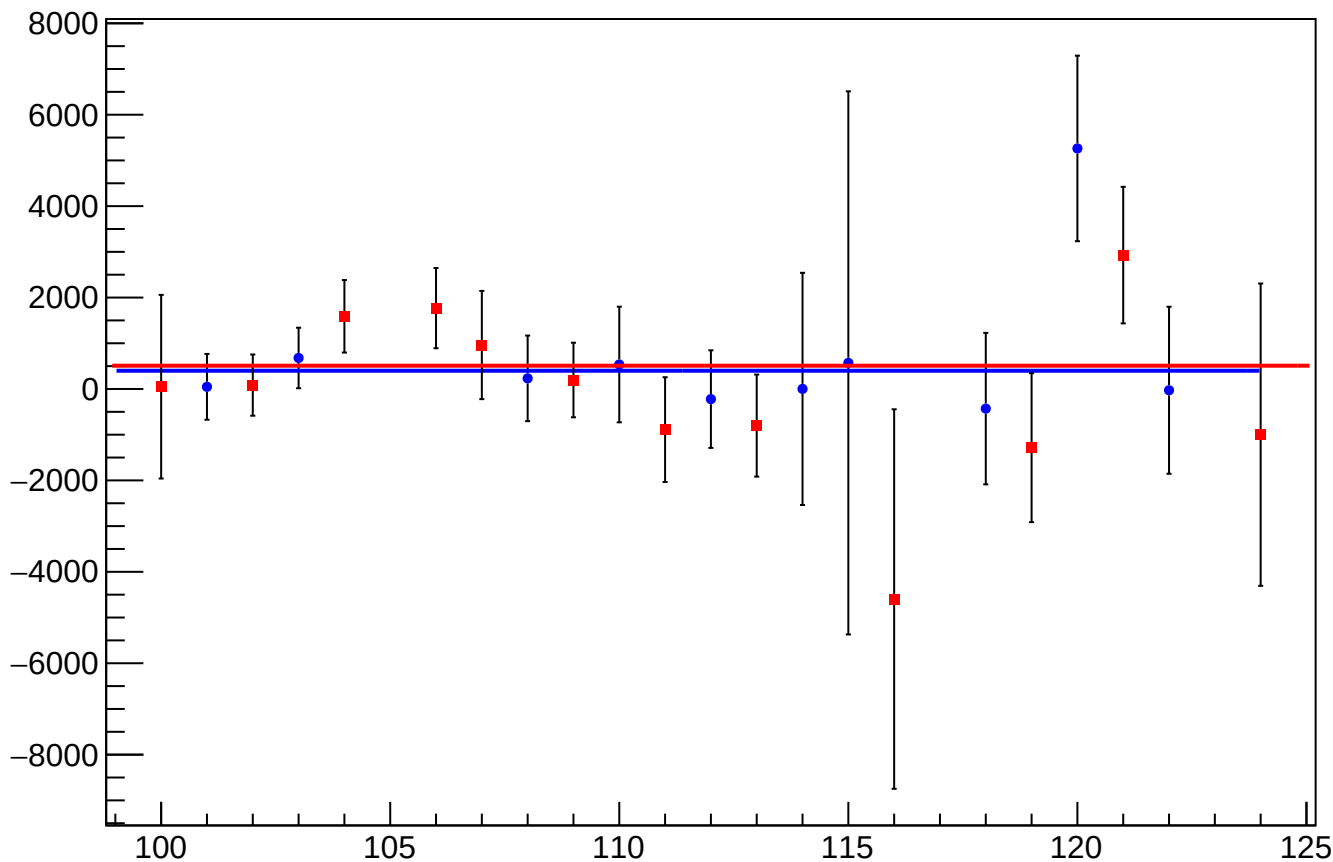
Right: 98.727 $\pm$ 0.025 χ^2 /NDF: 1114140.5/21

In: 102.109 $\pm$ 0.037 χ^2 /NDF:533833.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.727 $\pm$ 0.025 χ^2 /NDF: 1114140.5/21

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 399.269+/-354.731 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.376+/-314.373 χ^2/NDF : 13.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

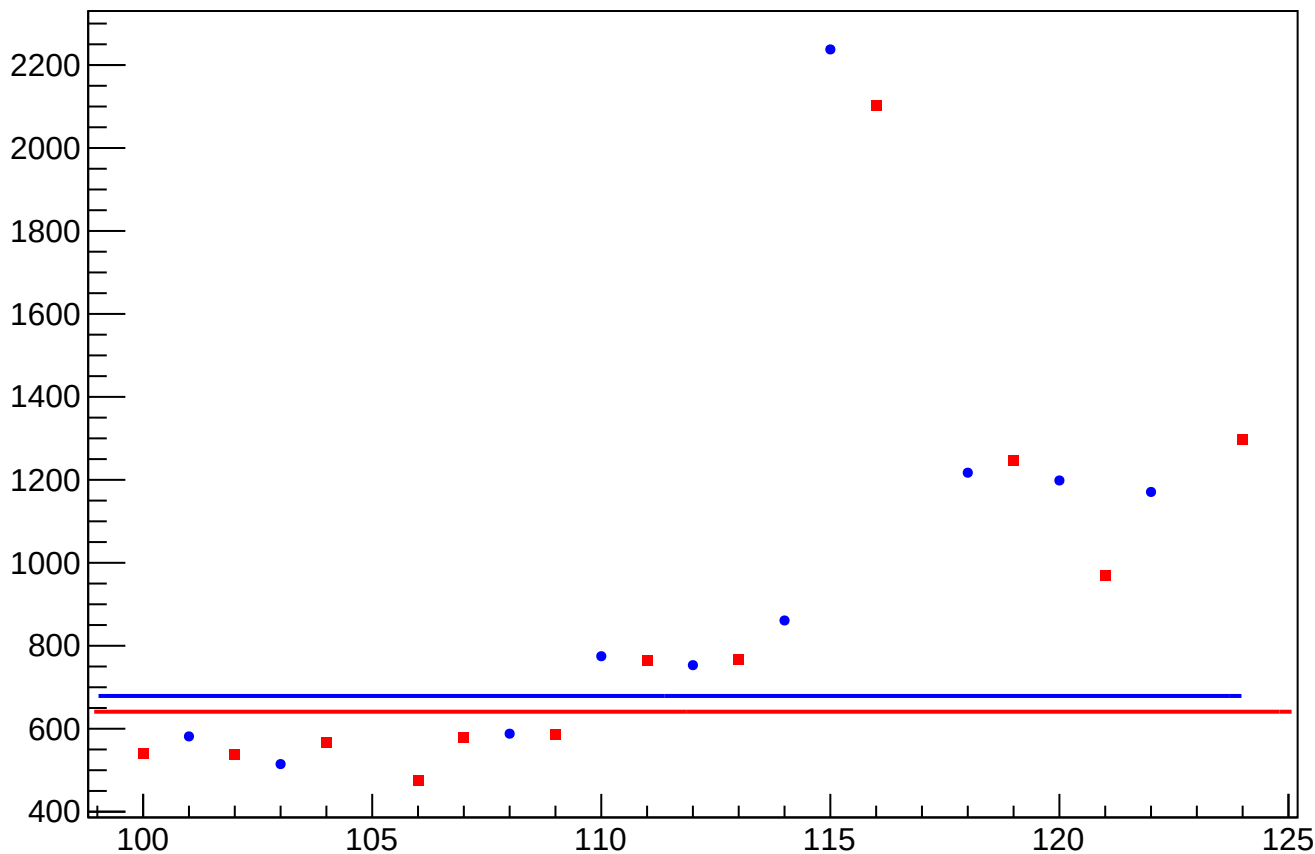
Right: 460.940+/-235.276 χ^2/NDF : 20.0/21

In: 399.269+/-354.731 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.940+/-235.276 χ^2/NDF : 20.0/21

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 679.008+/-0.251 χ^2/NDF : 834894.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 641.016+/-0.222 χ^2/NDF : 904009.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

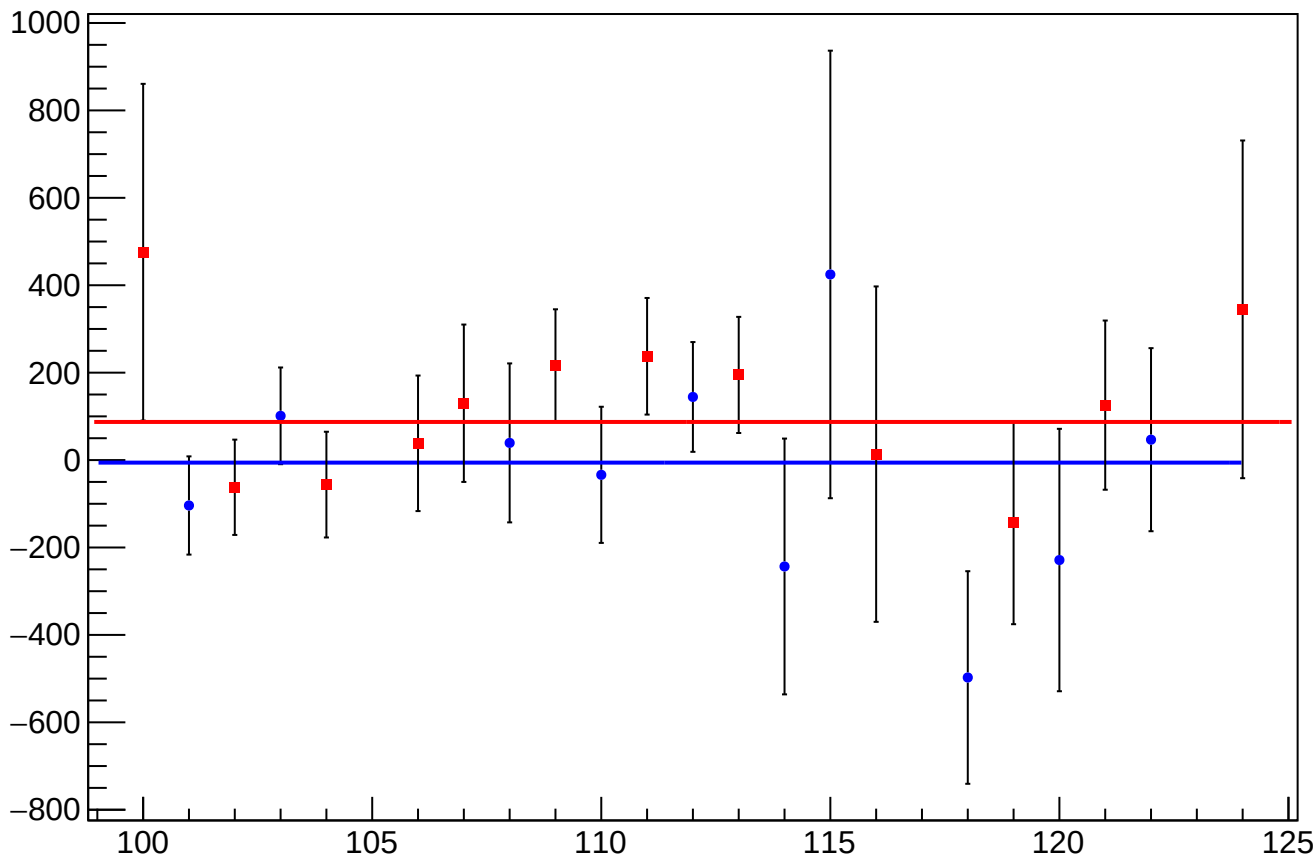
Right: 657.729+/-0.166 χ^2/NDF : 1751754.1/21

In: 679.008+/-0.251 χ^2/NDF :834894.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 657.729+/-0.166 χ^2/NDF : 1751754.1/21

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -5.821+/-52.554 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.229+/-46.403 χ^2/NDF : 8.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

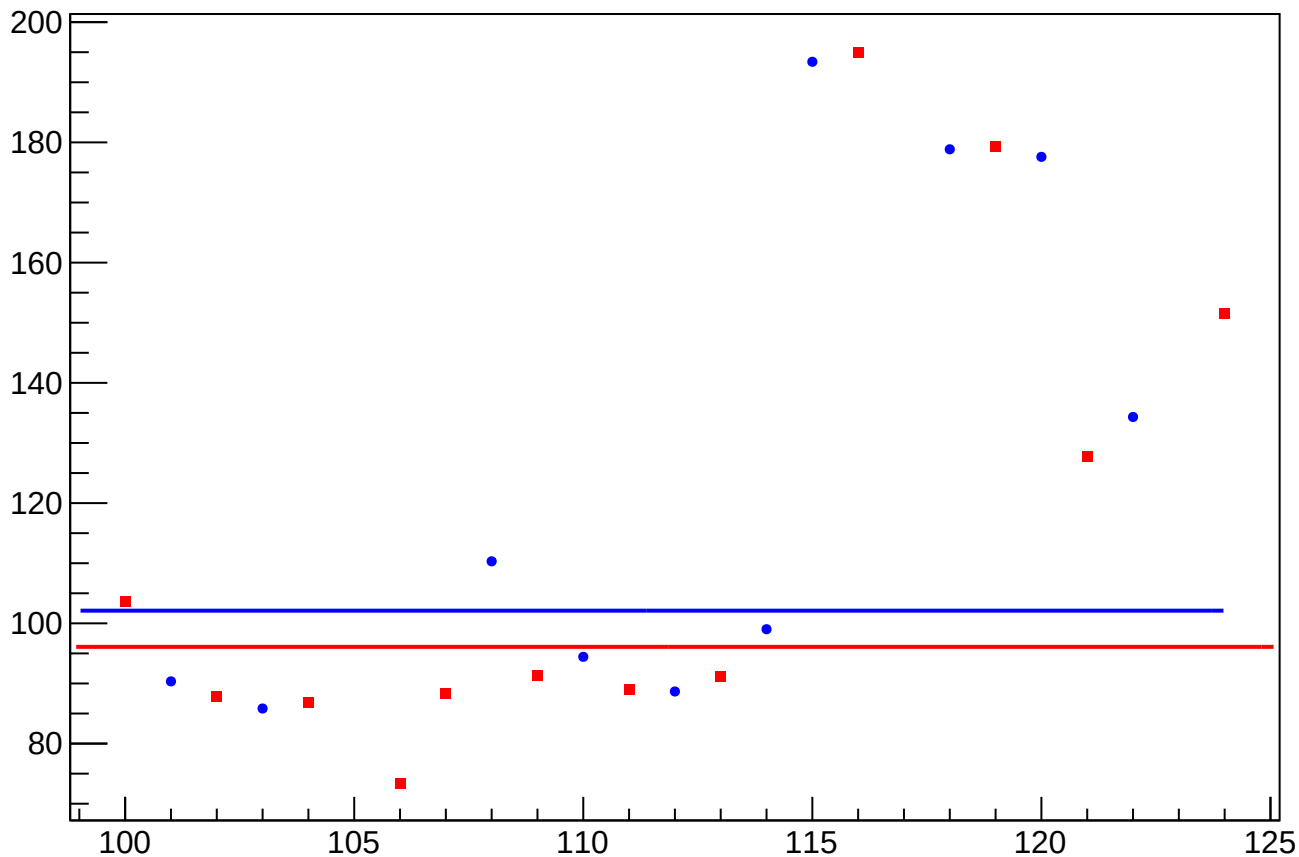
Right: 46.465+/-34.784 χ^2/NDF : 20.0/21

In: -5.821+/-52.554 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.465+/-34.784 χ^2/NDF : 20.0/21

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 102.109+/-0.037 χ^2/NDF : 533834.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 96.090+/-0.033 χ^2/NDF : 565559.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

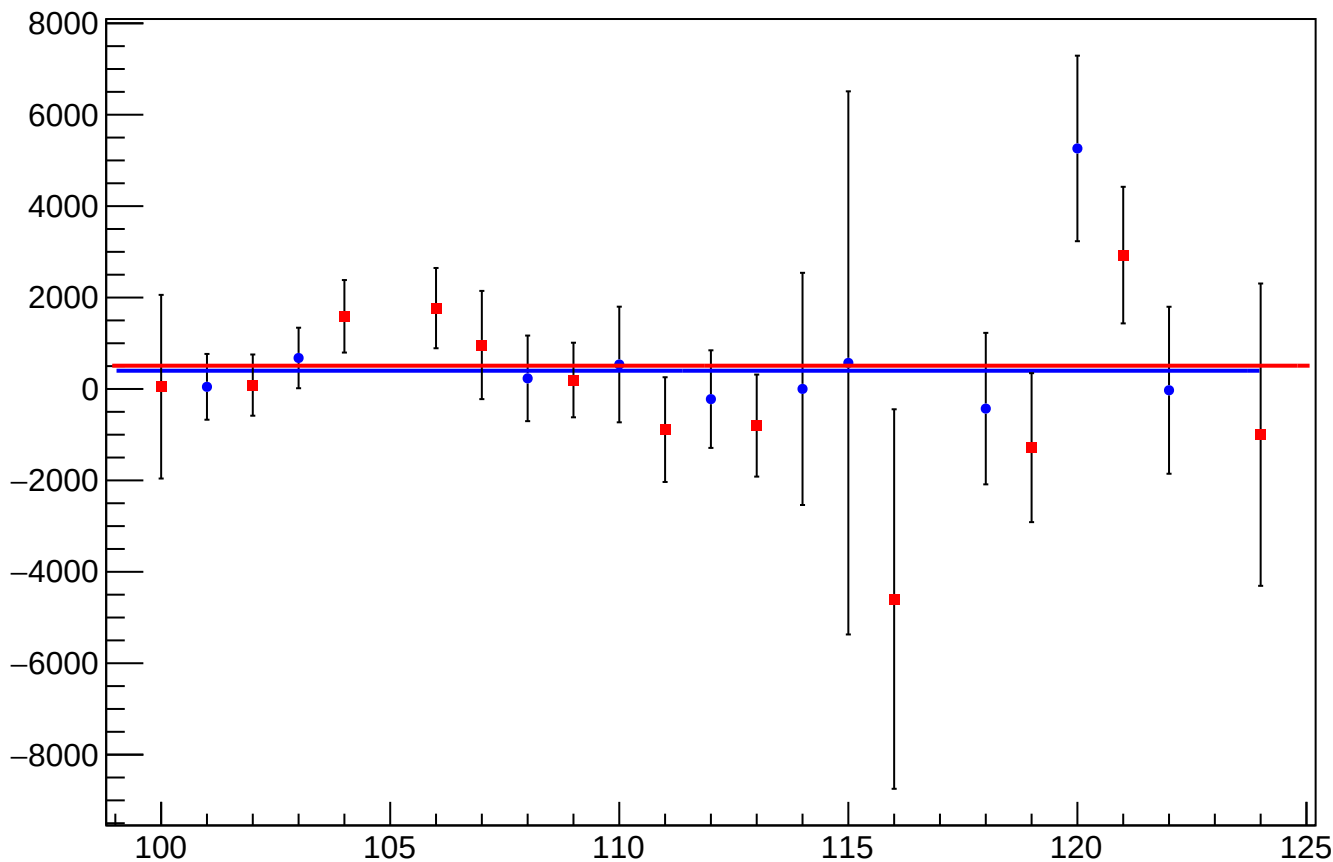
Right: 98.727+/-0.025 χ^2/NDF : 1114139.2/21

In: 102.109+/-0.037 χ^2/NDF :533834.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.727+/-0.025 χ^2/NDF : 1114139.2/21

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 399.269+/-354.731 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.376+/-314.373 χ^2/NDF : 13.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

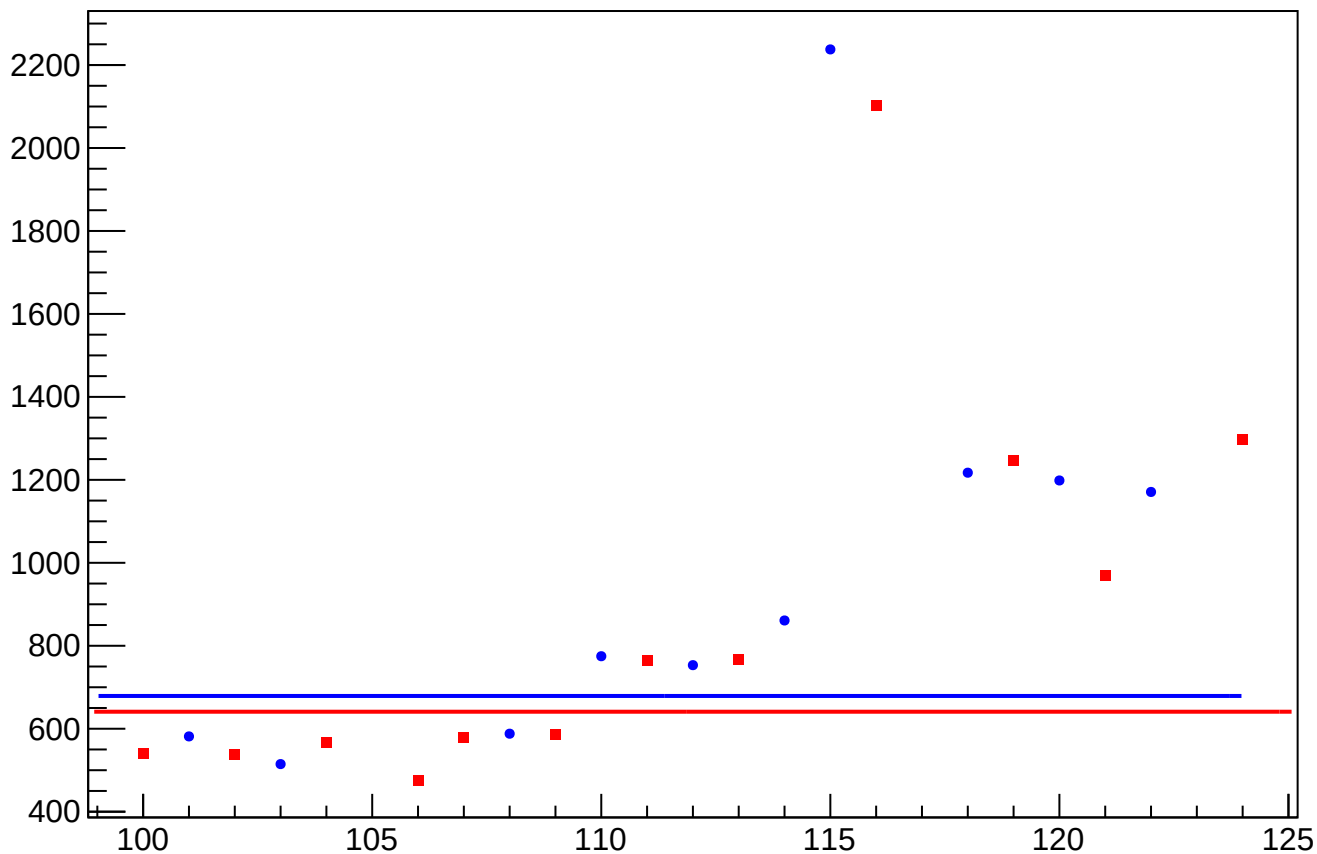
Right: 460.940+/-235.276 χ^2/NDF : 20.0/21

In: 399.269+/-354.731 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.940+/-235.276 χ^2/NDF : 20.0/21

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 679.008+/-0.251 χ^2/NDF : 834894.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 641.015+/-0.222 χ^2/NDF : 904007.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

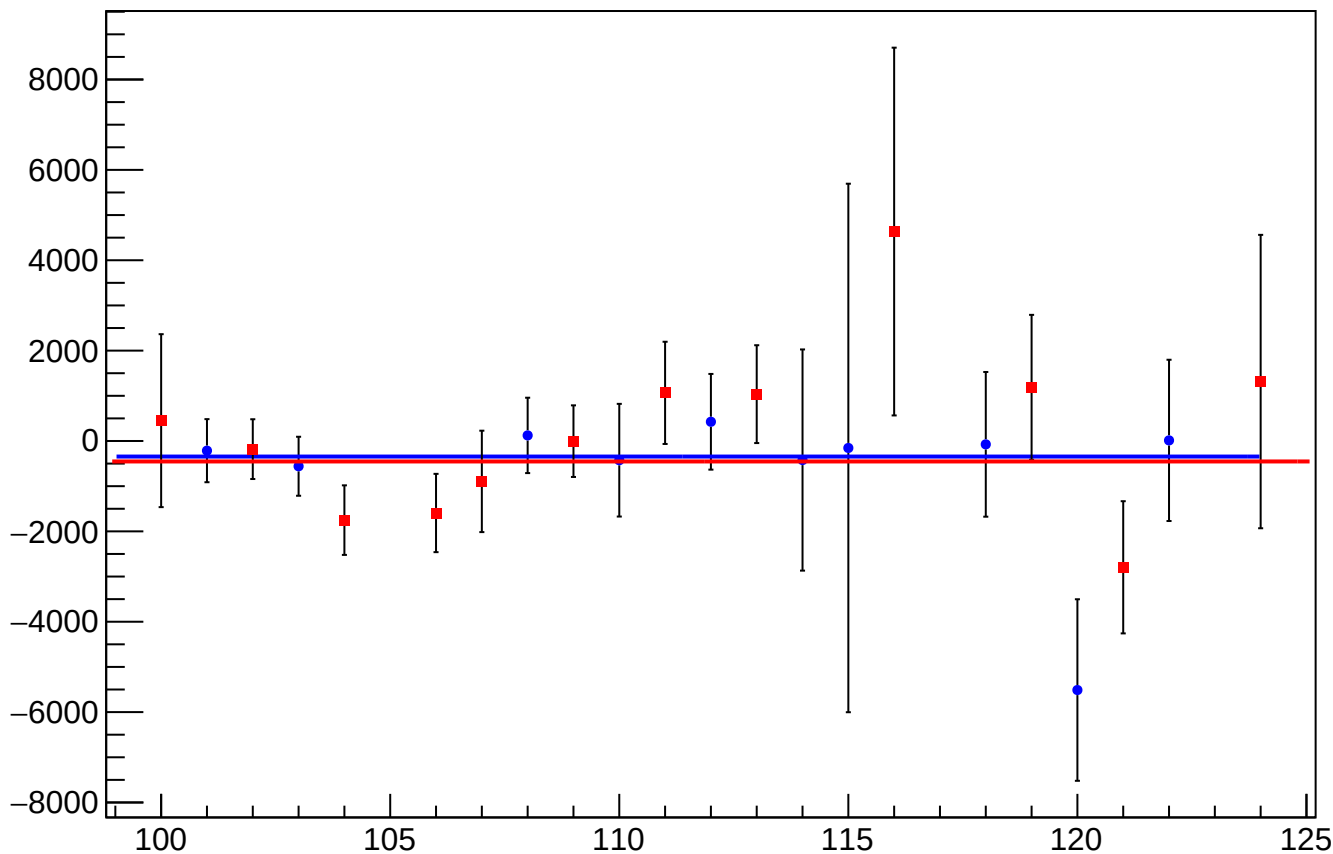
Right: 657.728+/-0.166 χ^2/NDF : 1751751.5/21

In: 679.008+/-0.251 χ^2/NDF :834894.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 657.728+/-0.166 χ^2/NDF : 1751751.5/21

asym_sam5_mean vs Slug, Sign Corrected



Right In: -344.426 ± 342.638 χ^2/NDF : 7.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -453.005 ± 306.978 χ^2/NDF : 14.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

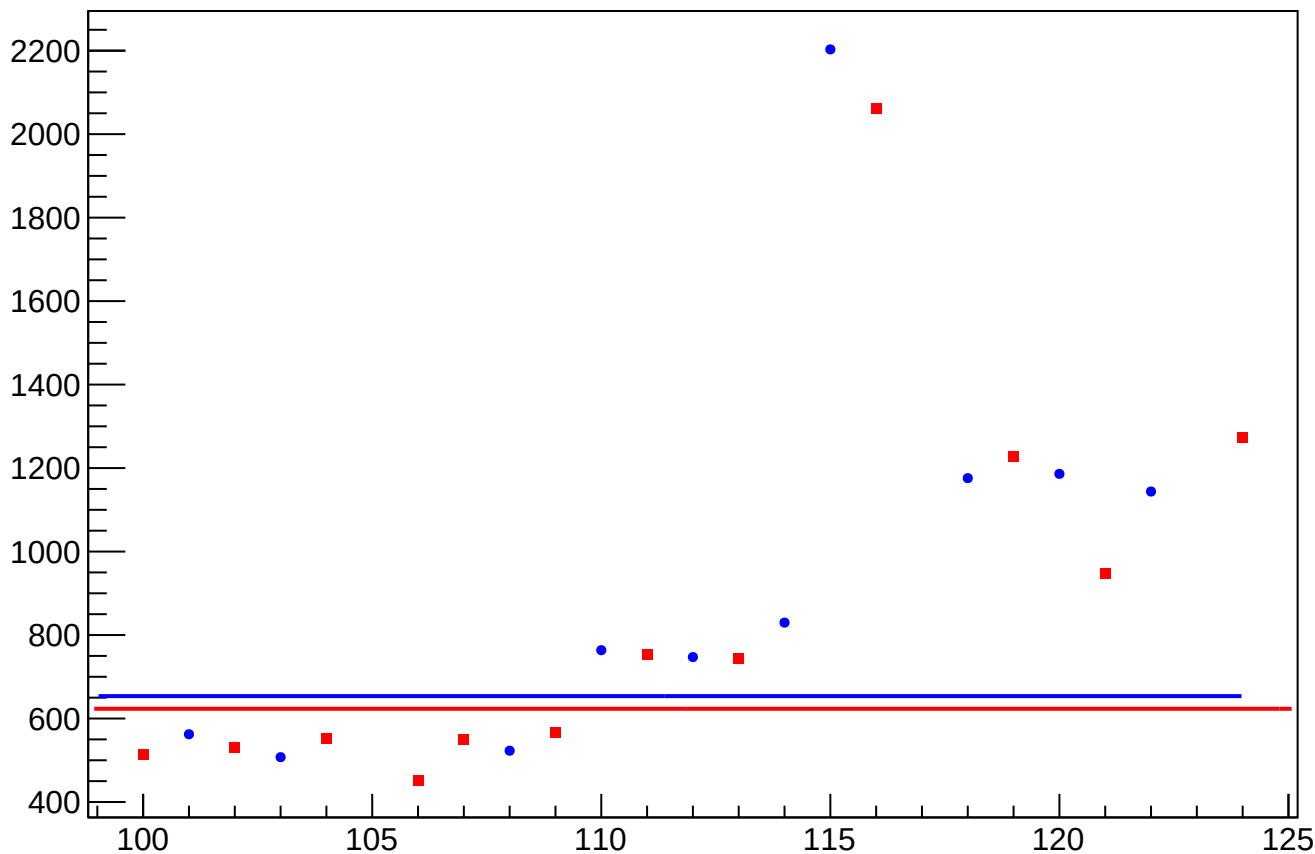
Right: -404.658 ± 228.638 χ^2/NDF : 22.3/21

In: -344.426 ± 342.638 χ^2/NDF : 7.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -404.658 ± 228.638 χ^2/NDF : 22.3/21

asym_sam5_rms vs Slug, Sign Corrected



Right In: 653.647+/-0.242 χ^2/NDF : 869884.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.366+/-0.217 χ^2/NDF : 923596.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

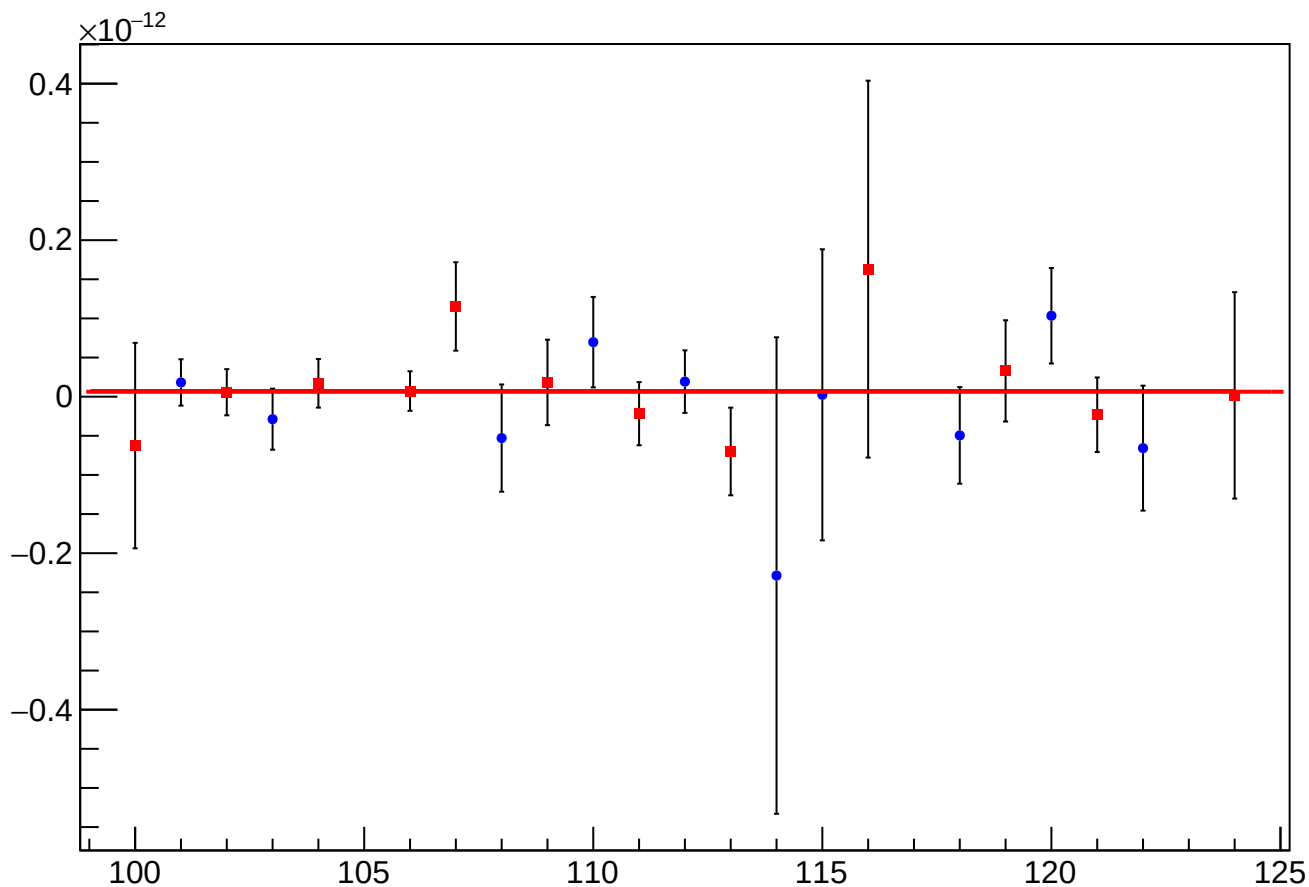
Right: 636.849+/-0.162 χ^2/NDF : 1802145.9/21

In: 653.647+/-0.242 χ^2/NDF : 869884.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.849+/-0.162 χ^2/NDF : 1802145.9/21

asym_sam5_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 : 7.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

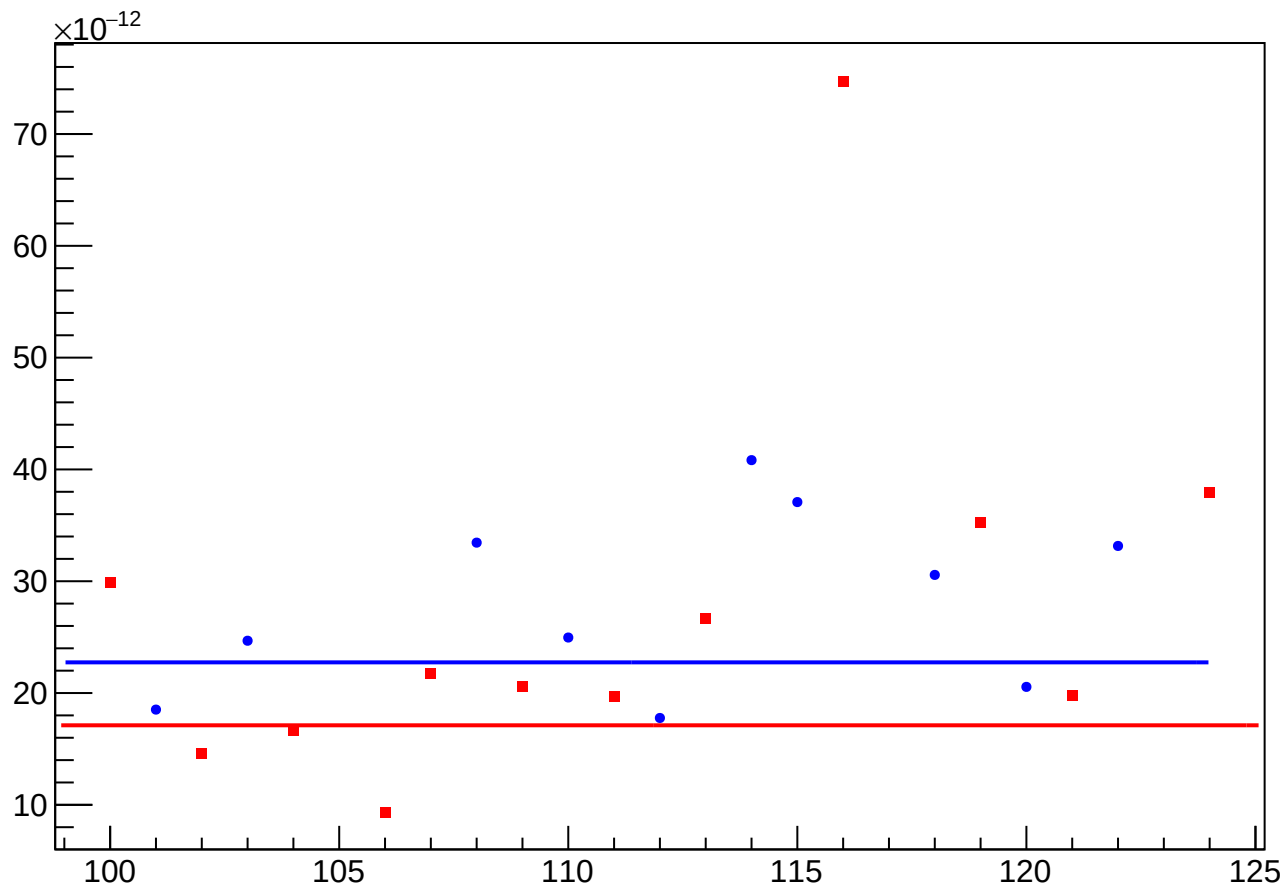
Right: 0.000+/-0.000 χ^2/NDF : 15.3/21

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 : 15.3/21

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 216076.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 640530.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

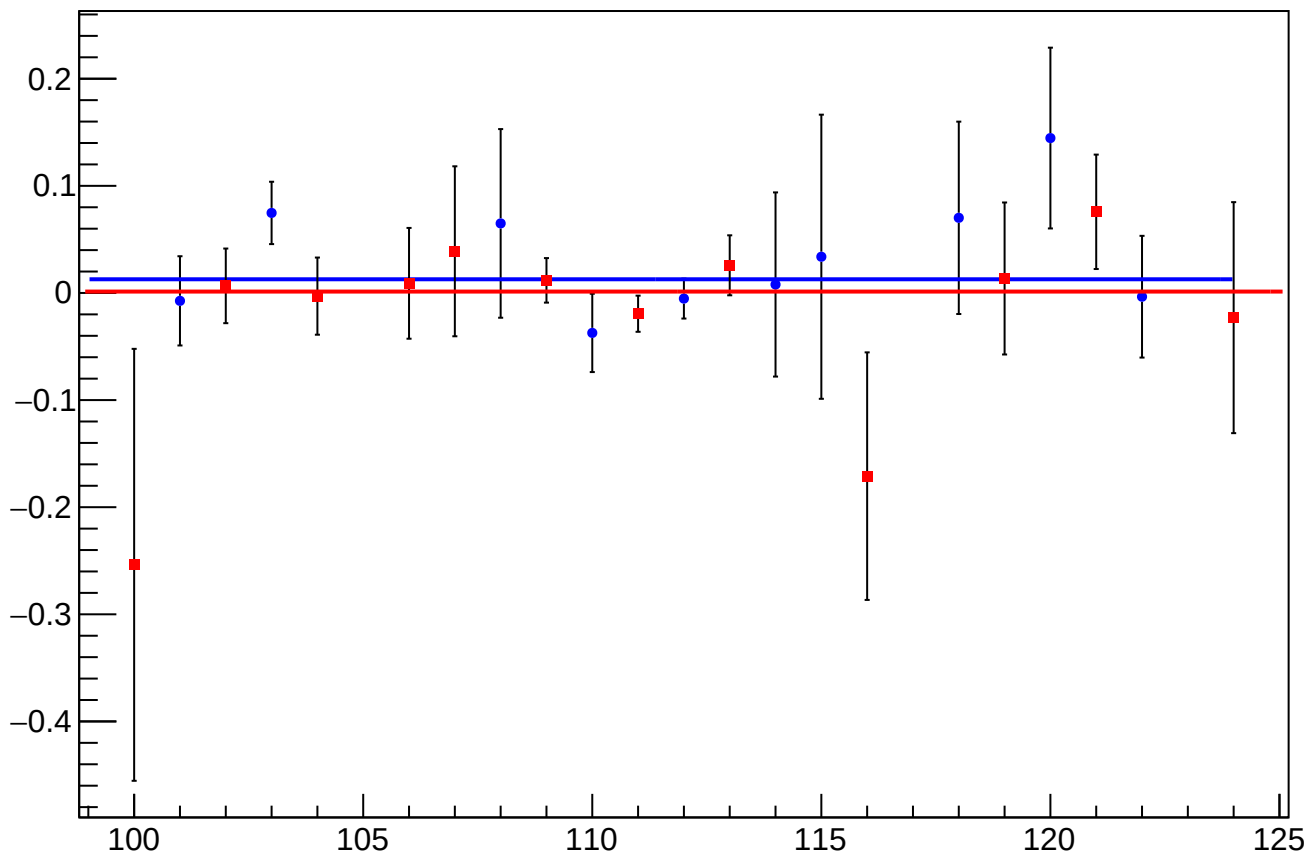
Right: 0.000+/-0.000 χ^2/NDF : 1002062.3/21

In: 0.000+/-0.000 χ^2/NDF : 216076.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1002062.3/21

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.013 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

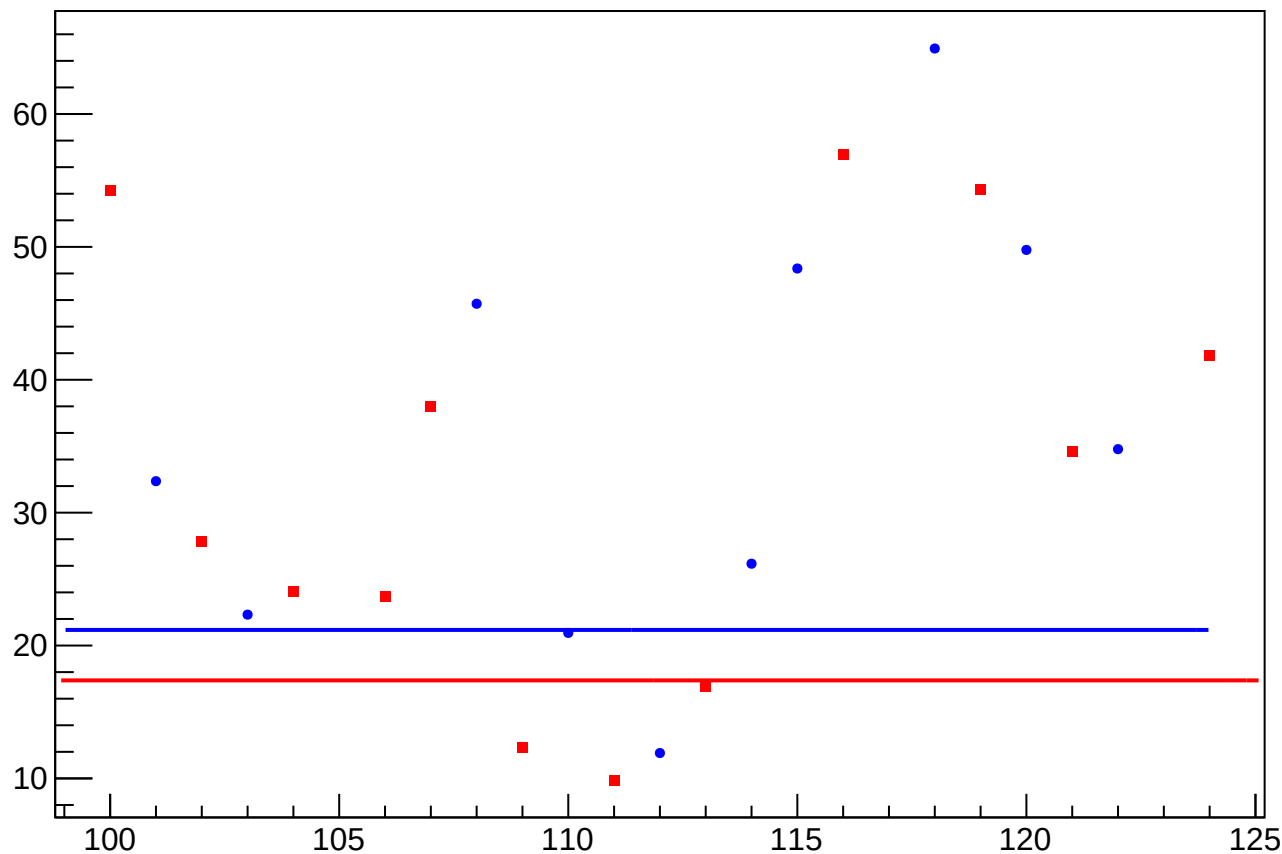
Right: 0.006+/-0.008 χ^2/NDF : 20.1/21

In: 0.013+/-0.013 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 20.1/21

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.175+/-0.009 χ^2/NDF : 1707521.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.376+/-0.007 χ^2/NDF : 2085641.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

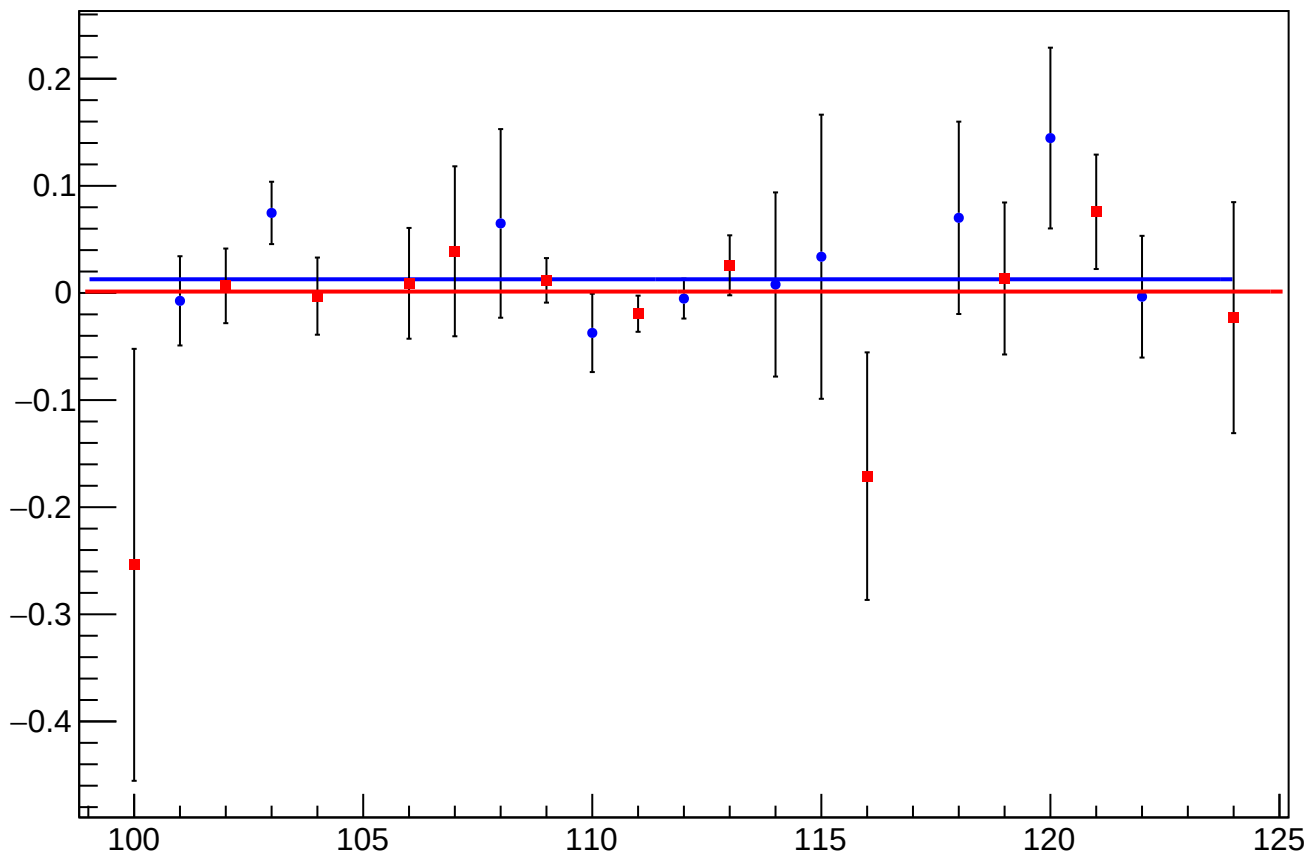
Right: 18.845+/-0.006 χ^2/NDF : 3904363.7/21

In: 21.175+/-0.009 χ^2/NDF : 1707521.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.845+/-0.006 χ^2/NDF : 3904363.7/21

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.013 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

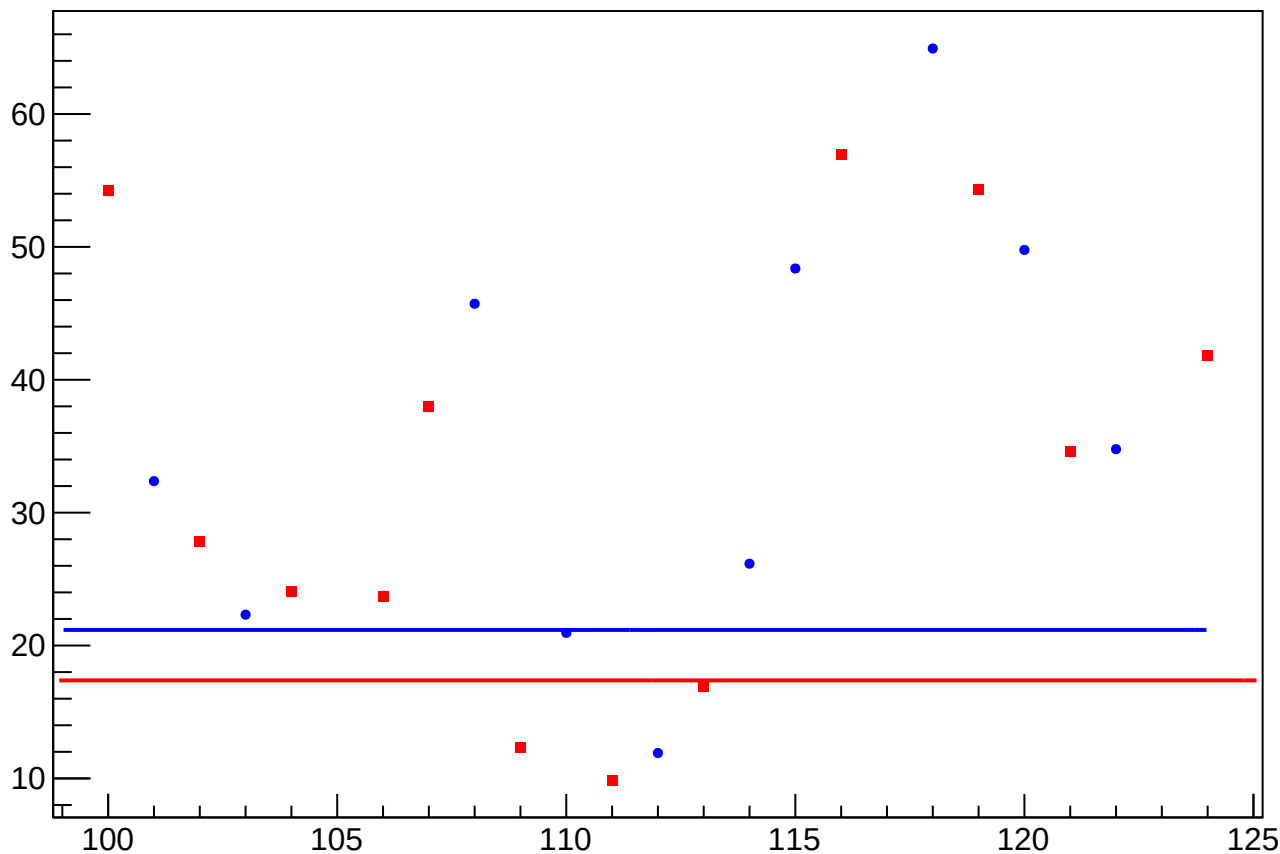
Right: 0.006+/-0.008 χ^2/NDF : 20.1/21

In: 0.013+/-0.013 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.008 χ^2/NDF : 20.1/21

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.175+/-0.009 χ^2/NDF : 1707521.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.376+/-0.007 χ^2/NDF : 2085641.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

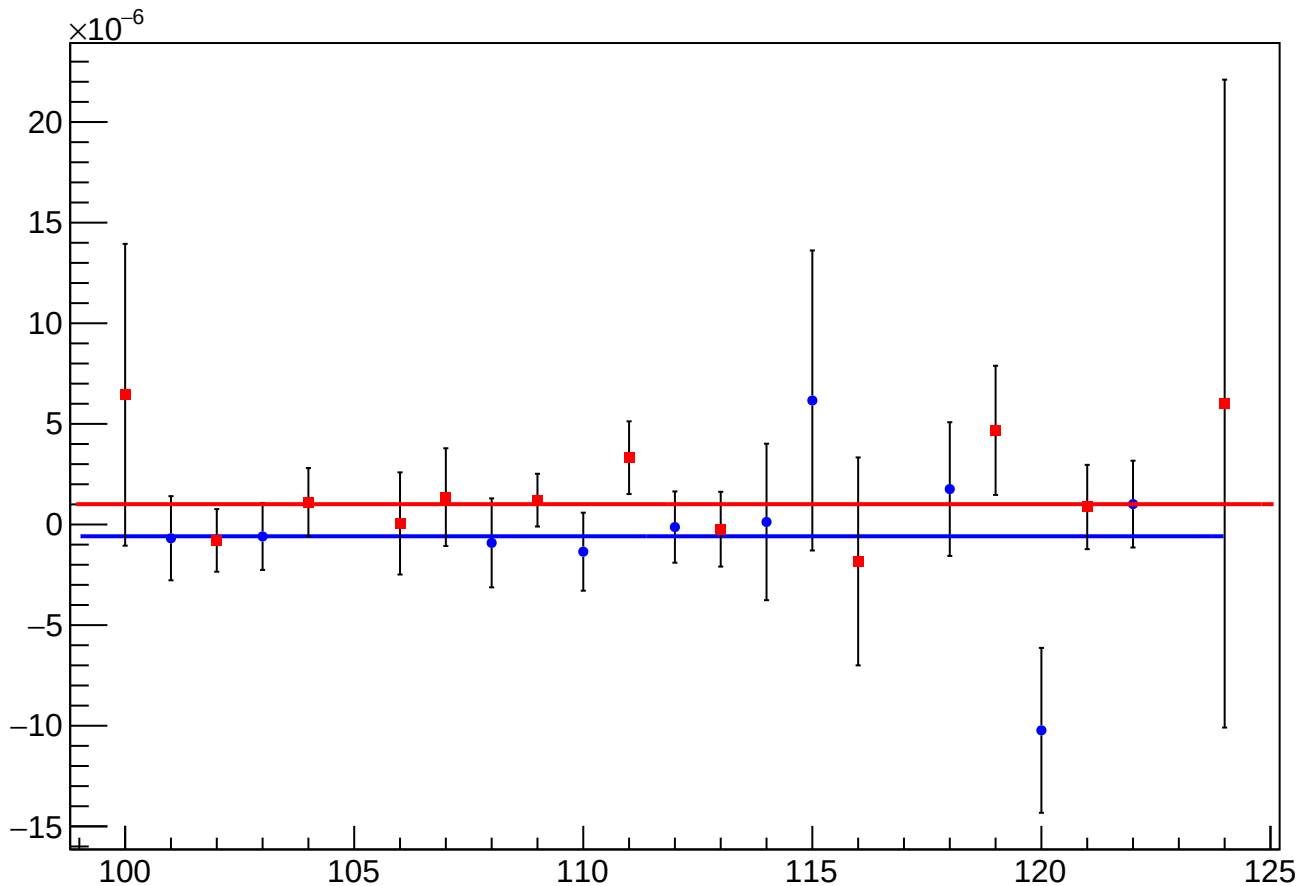
Right: 18.845+/-0.006 χ^2/NDF : 3904363.7/21

In: 21.175+/-0.009 χ^2/NDF : 1707521.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.845+/-0.006 χ^2/NDF : 3904363.7/21

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

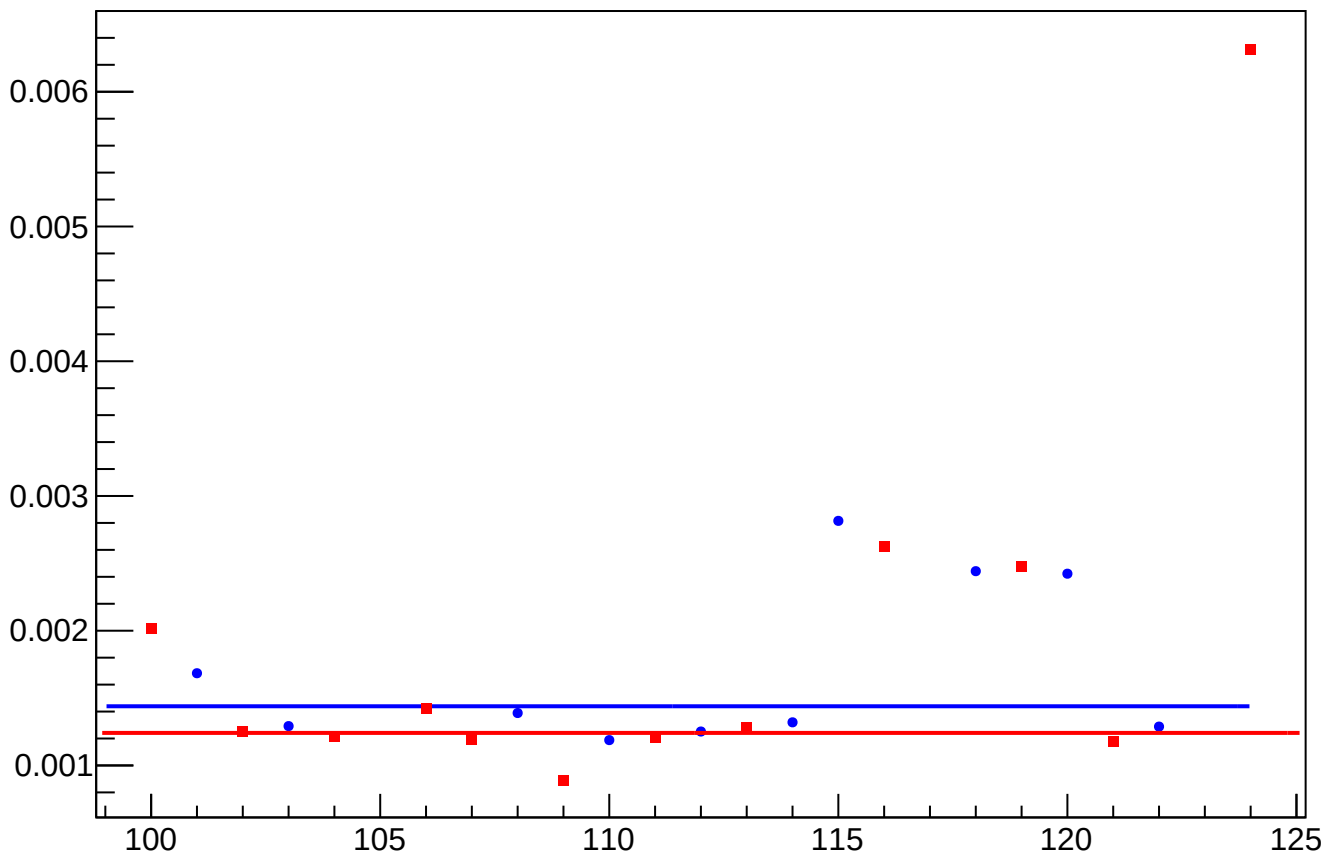
Right: 0.000+/-0.000 χ^2/NDF : 16.3/21

In: -0.000+/-0.000 χ^2/NDF :7.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.3/21

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 477460.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 820860.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

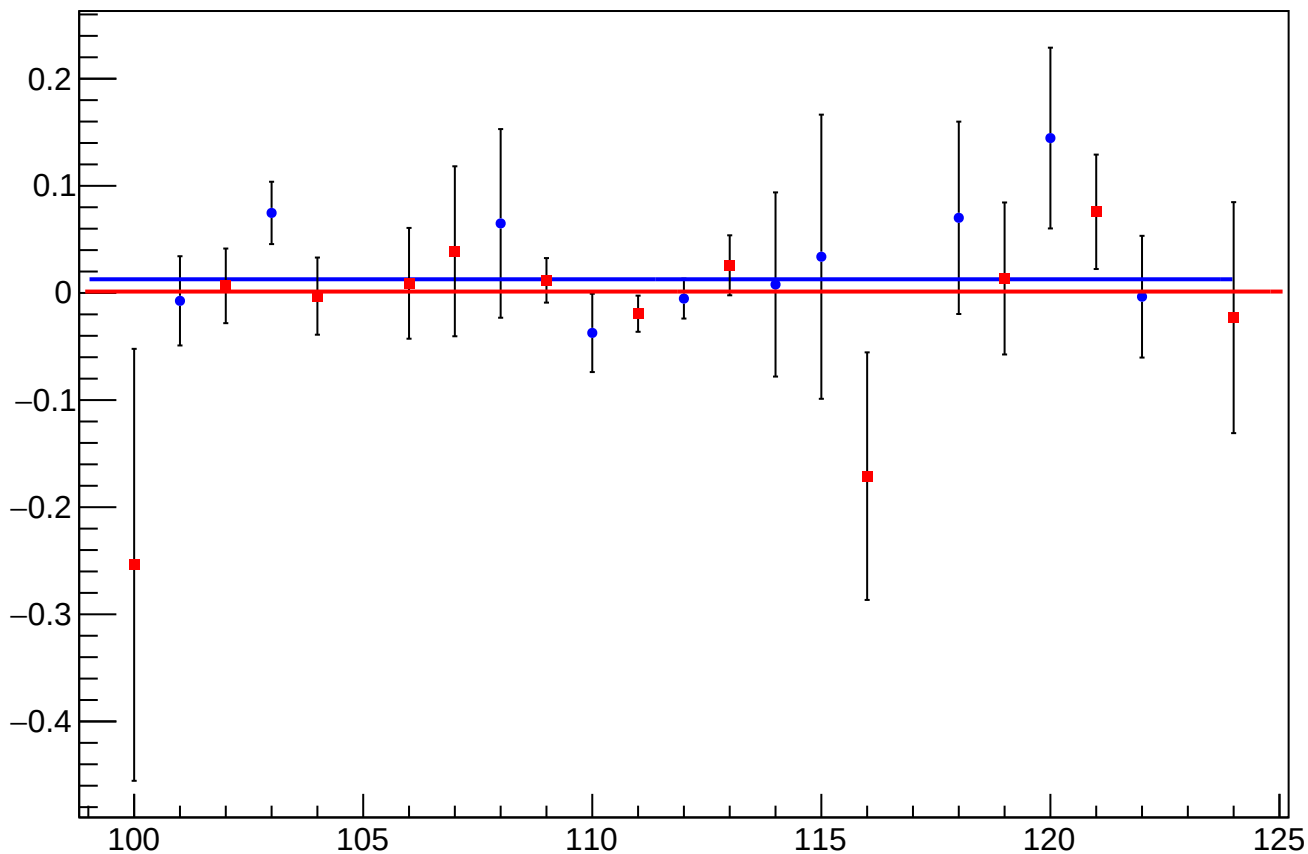
Right: 0.001+/-0.000 χ^2/NDF : 1382892.4/21

In: 0.001+/-0.000 χ^2/NDF :477460.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1382892.4/21

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.013 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

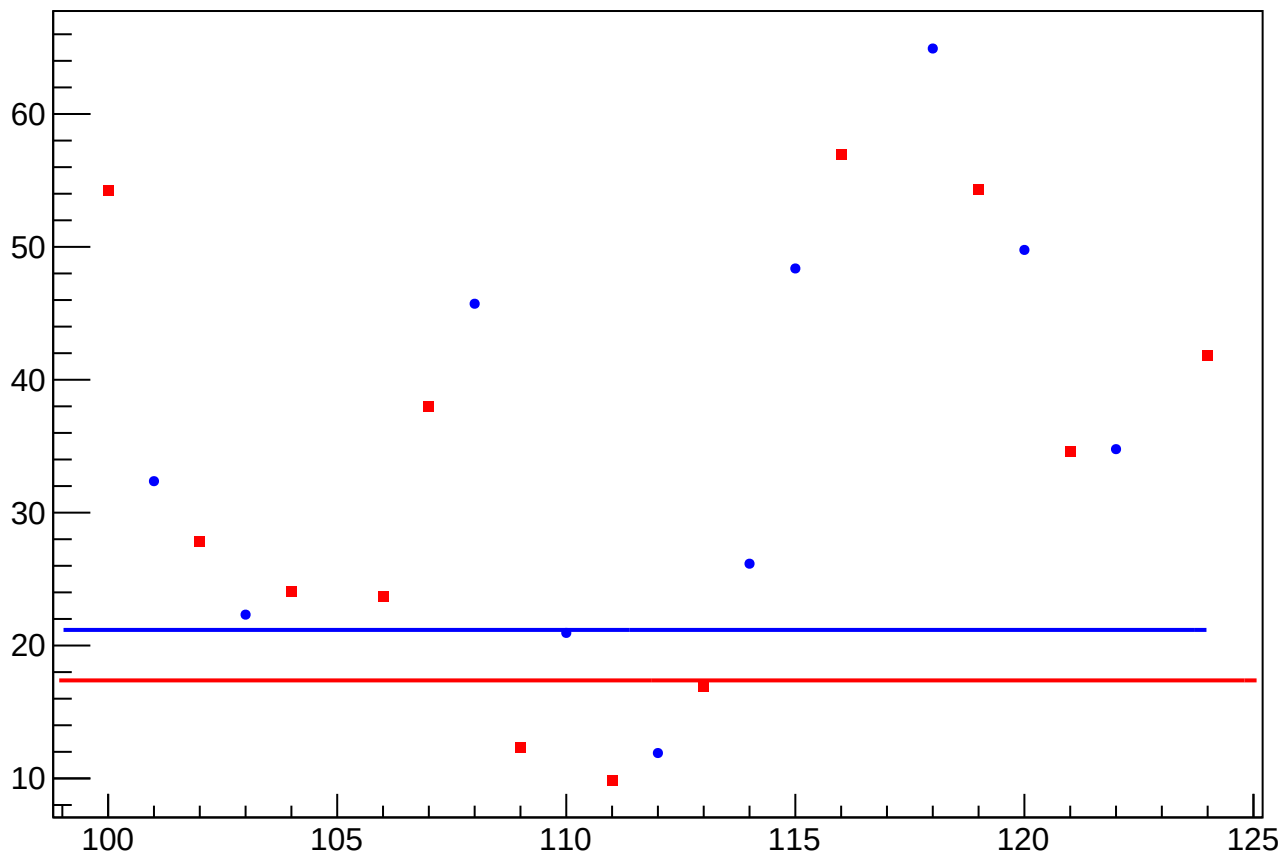
Right: 0.006+/-0.008 χ^2/NDF : 20.0/21

In: 0.013+/-0.013 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 20.0/21

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.175+/-0.009 χ^2/NDF : 1707514.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.376+/-0.007 χ^2/NDF : 2085668.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

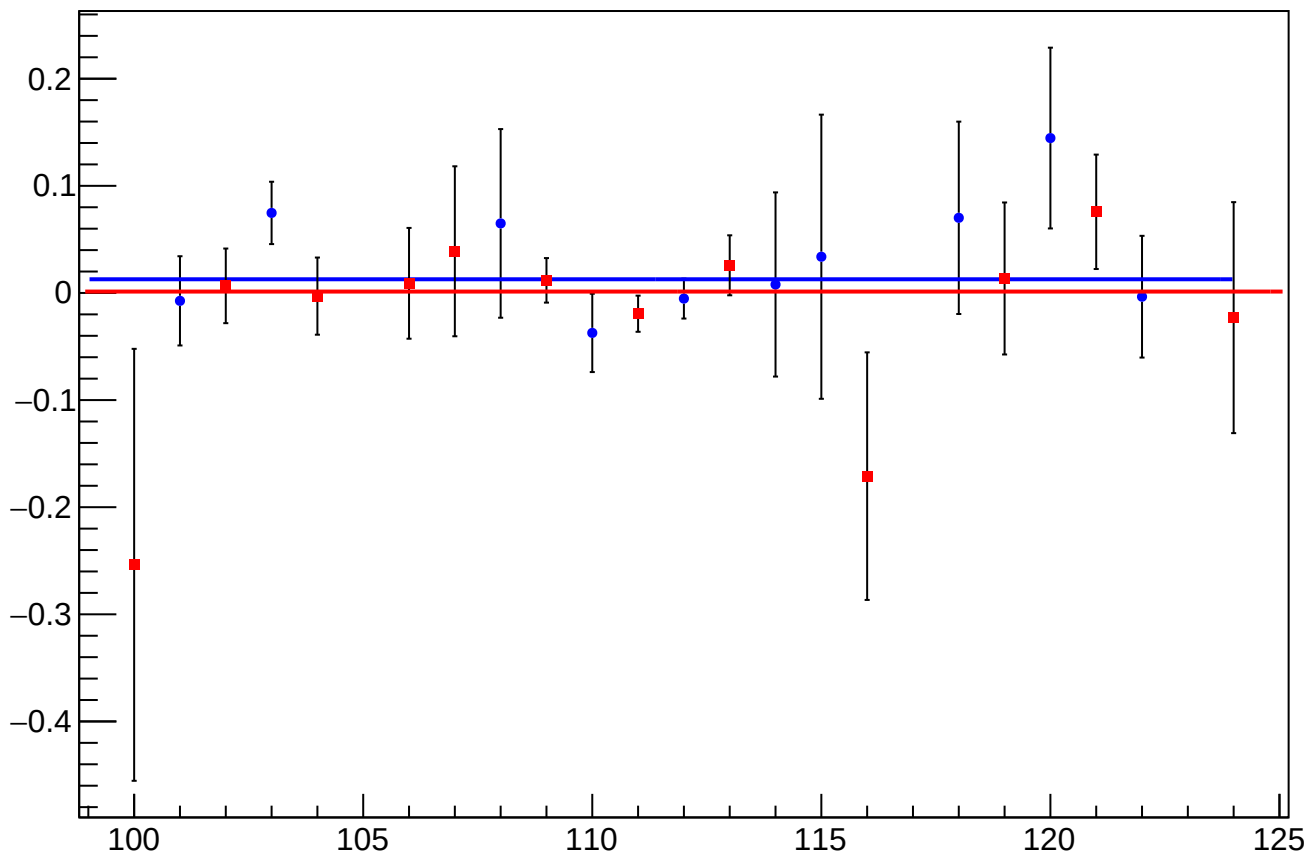
Right: 18.844+/-0.006 χ^2/NDF : 3904395.6/21

In: 21.175+/-0.009 χ^2/NDF : 1707514.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.844+/-0.006 χ^2/NDF : 3904395.6/21

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.013 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

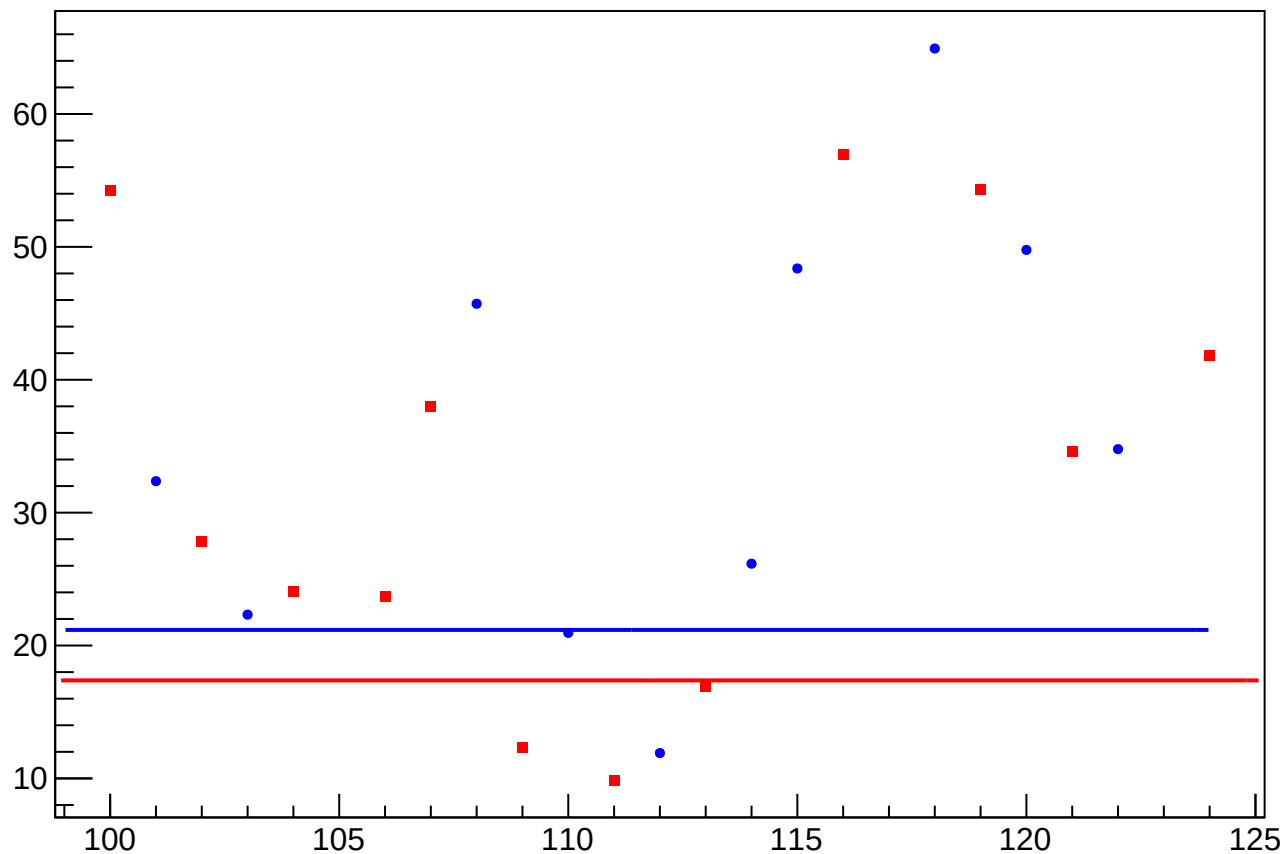
Right: 0.006+/-0.008 χ^2/NDF : 20.0/21

In: 0.013+/-0.013 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.008 χ^2/NDF : 20.0/21

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.175+/-0.009 χ^2/NDF : 1707514.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.376+/-0.007 χ^2/NDF : 2085668.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

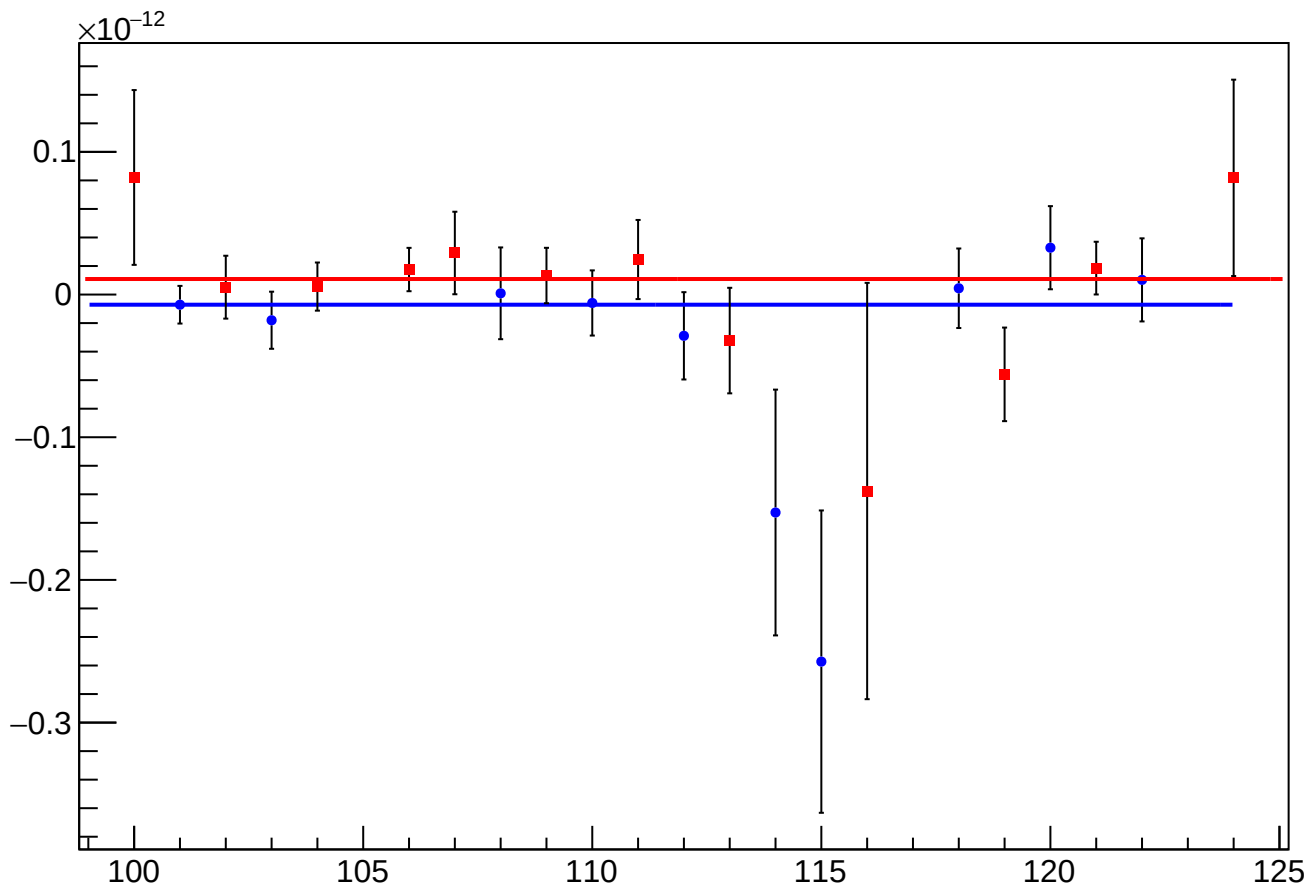
Right: 18.844+/-0.006 χ^2/NDF : 3904395.6/21

In: 21.175+/-0.009 χ^2/NDF : 1707514.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.844+/-0.006 χ^2/NDF : 3904395.6/21

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

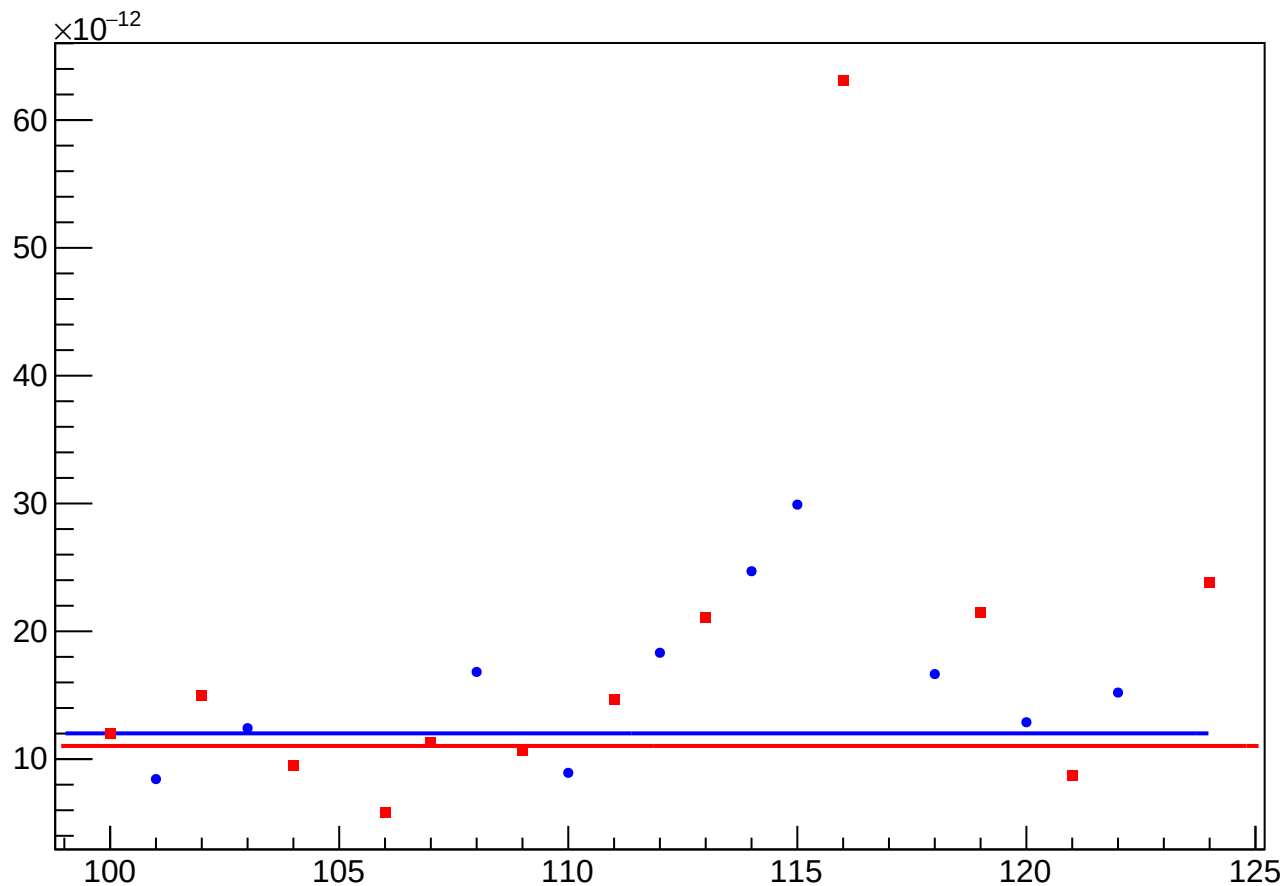
Right: 0.000+/-0.000 χ^2 /NDF: 24.8/21

In: -0.000+/-0.000 χ^2 /NDF:11.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 24.8/21

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 495727.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1056668.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

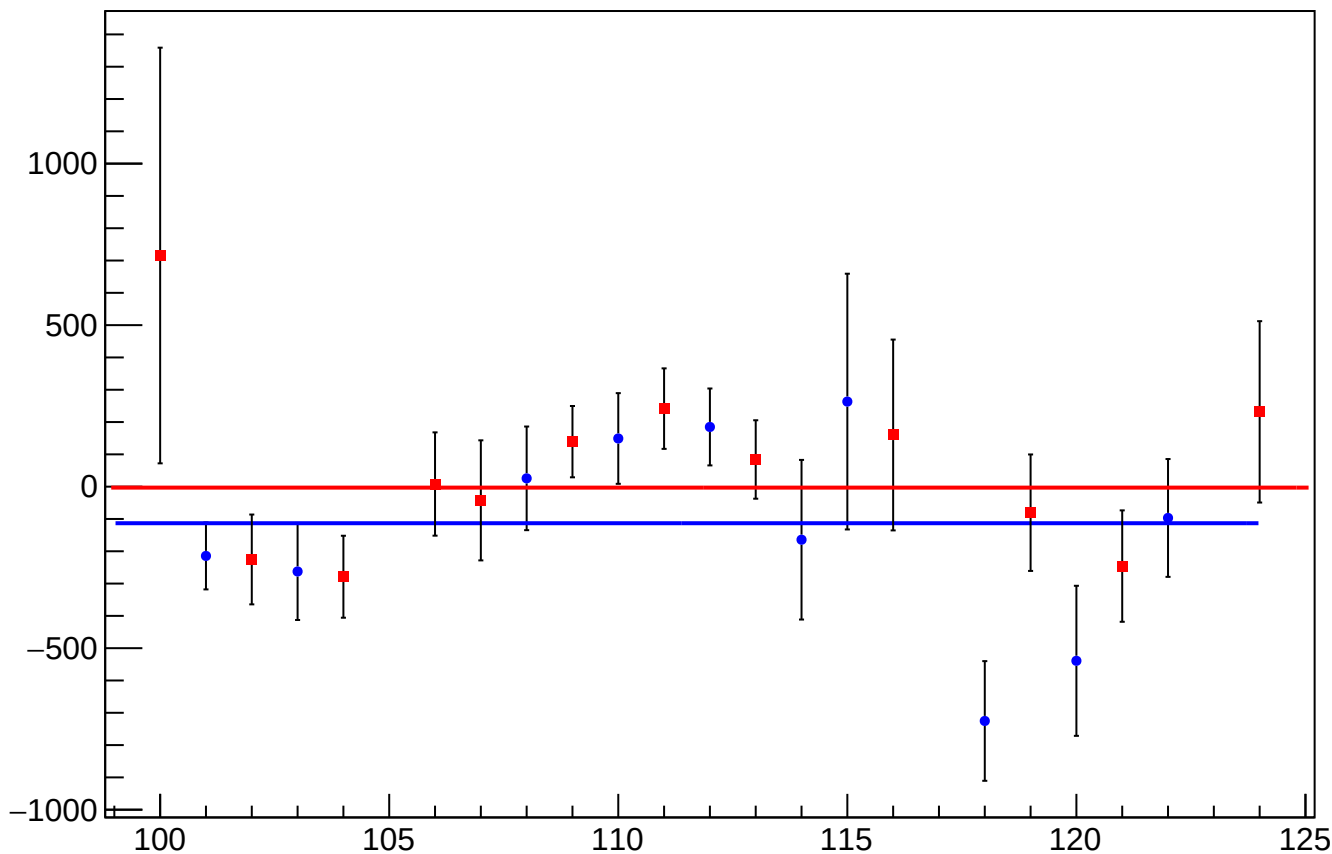
Right: 0.000+/-0.000 χ^2/NDF : 1569722.9/21

In: 0.000+/-0.000 χ^2/NDF : 495727.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1569722.9/21

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -113.176 ± 50.111 χ^2/NDF : 27.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.953 ± 45.306 χ^2/NDF : 17.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

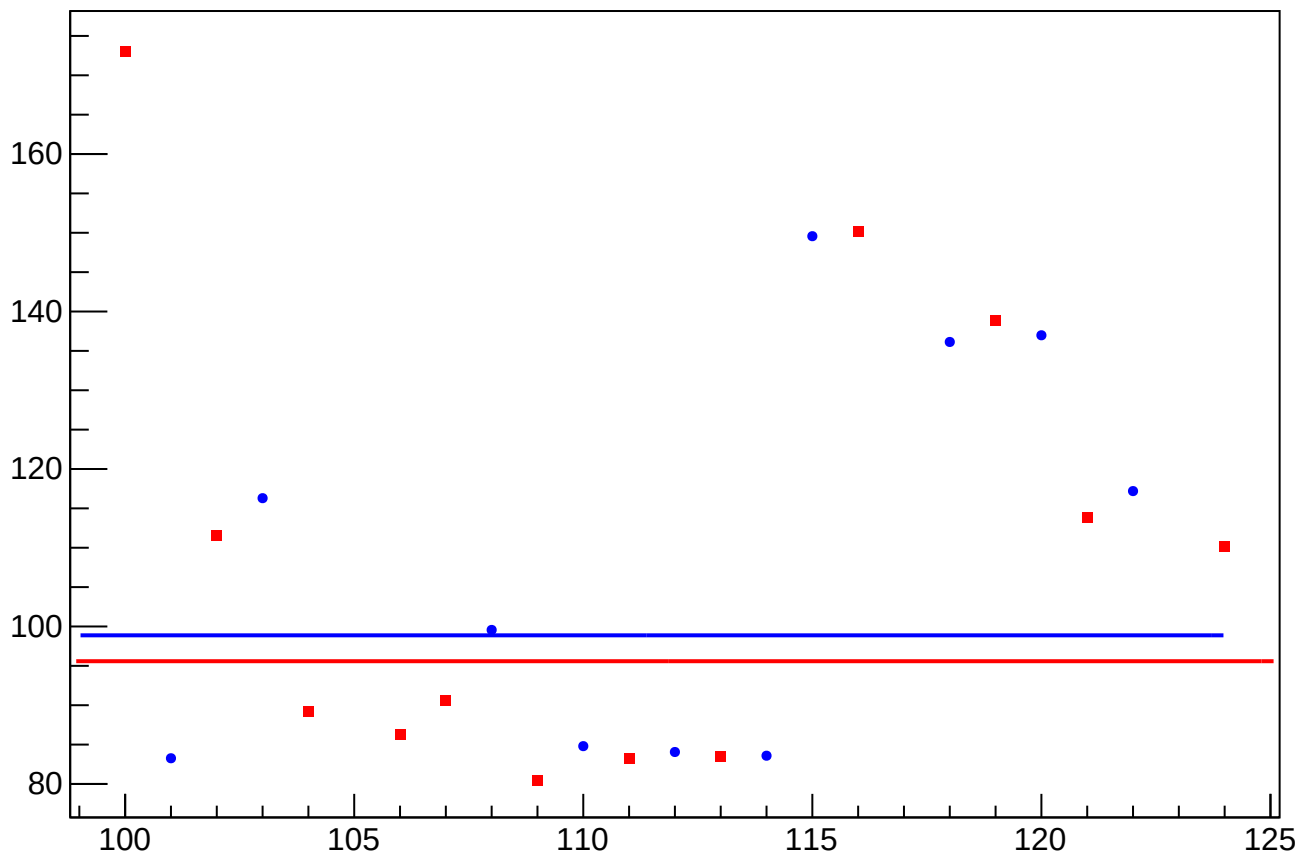
Right: -52.528 ± 33.607 χ^2/NDF : 48.1/21

In: -113.176 ± 50.111 χ^2/NDF : 27.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.528 ± 33.607 χ^2/NDF : 48.1/21

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 98.876+/-0.035 χ^2/NDF : 318848.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.589+/-0.032 χ^2/NDF : 356771.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

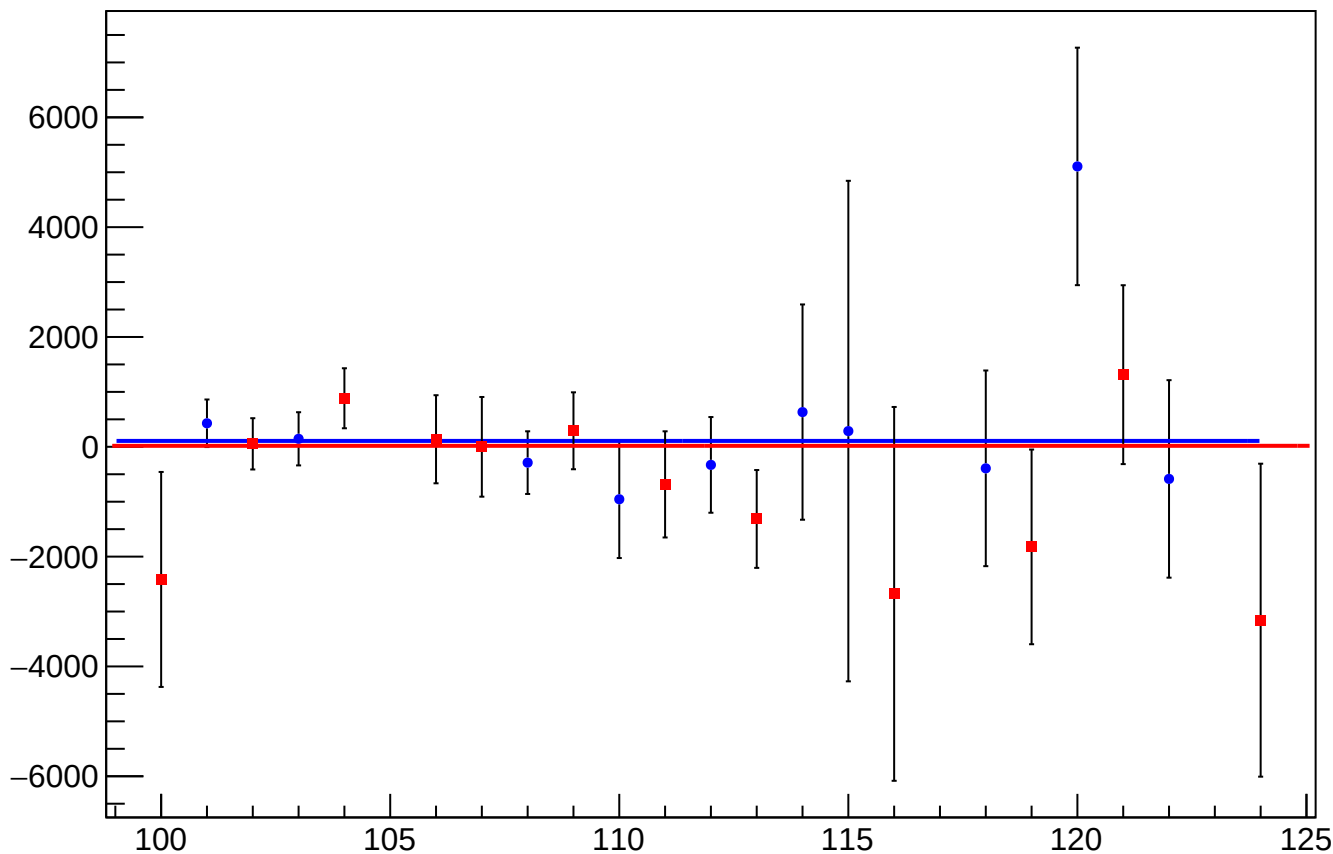
Right: 97.068+/-0.024 χ^2/NDF : 680354.9/21

In: 98.876+/-0.035 χ^2/NDF : 318848.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.068+/-0.024 χ^2/NDF : 680354.9/21

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 107.332 $\pm$ 250.007 χ^2 /NDF: 7.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.897 $\pm$ 248.172 χ^2 /NDF: 10.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

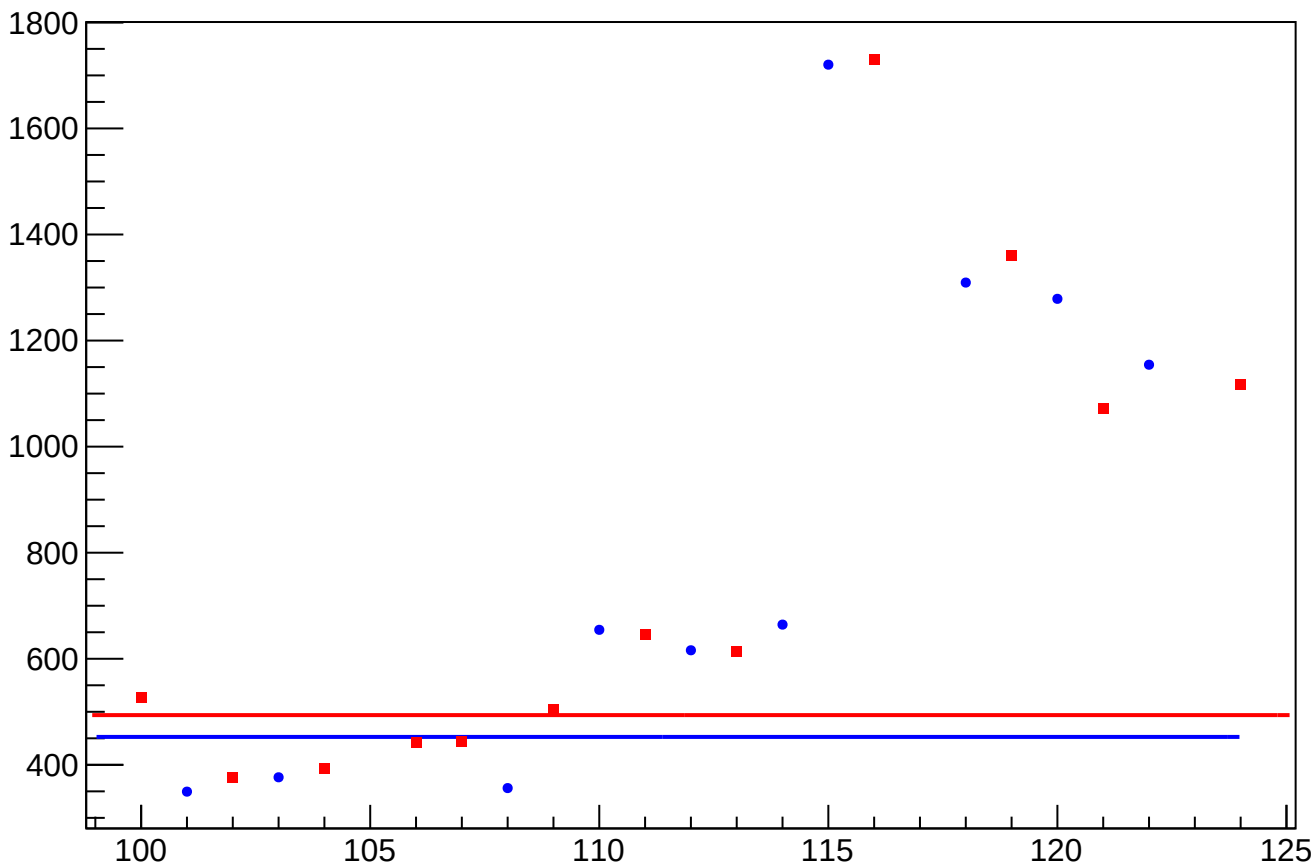
Right: 62.285 $\pm$ 176.129 χ^2 /NDF: 18.6/21

In: 107.332 $\pm$ 250.007 χ^2 /NDF:7.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.285 $\pm$ 176.129 χ^2 /NDF: 18.6/21

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 452.647+/-0.177 χ^2/NDF : 1598284.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 493.766+/-0.175 χ^2/NDF : 1386531.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

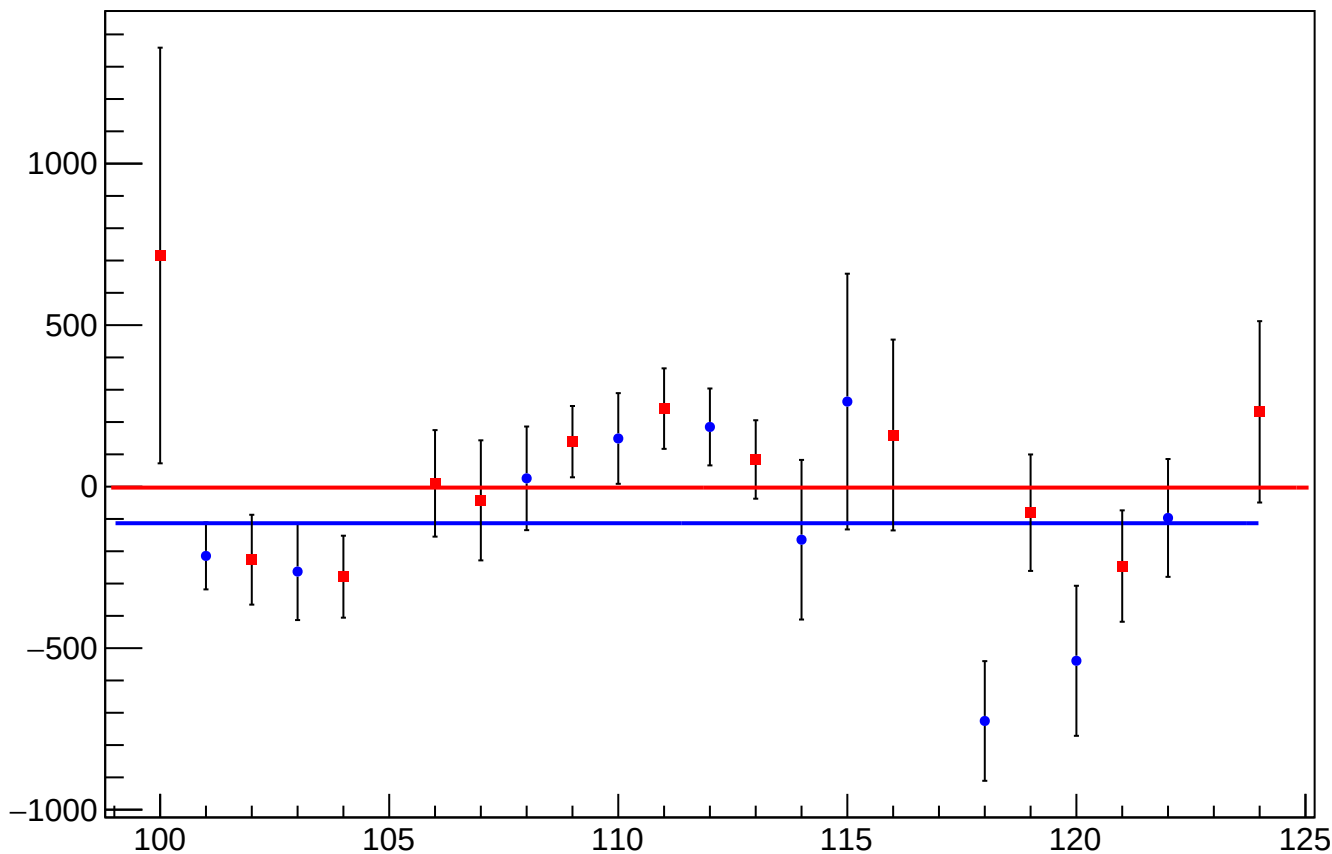
Right: 473.358+/-0.125 χ^2/NDF : 3012065.4/21

In: 452.647+/-0.177 χ^2/NDF :1598284.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 473.358+/-0.125 χ^2/NDF : 3012065.4/21

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -113.214 $\pm$ 50.111 χ^2/NDF : 27.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -2.916 $\pm$ 45.417 χ^2/NDF : 17.8/11

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

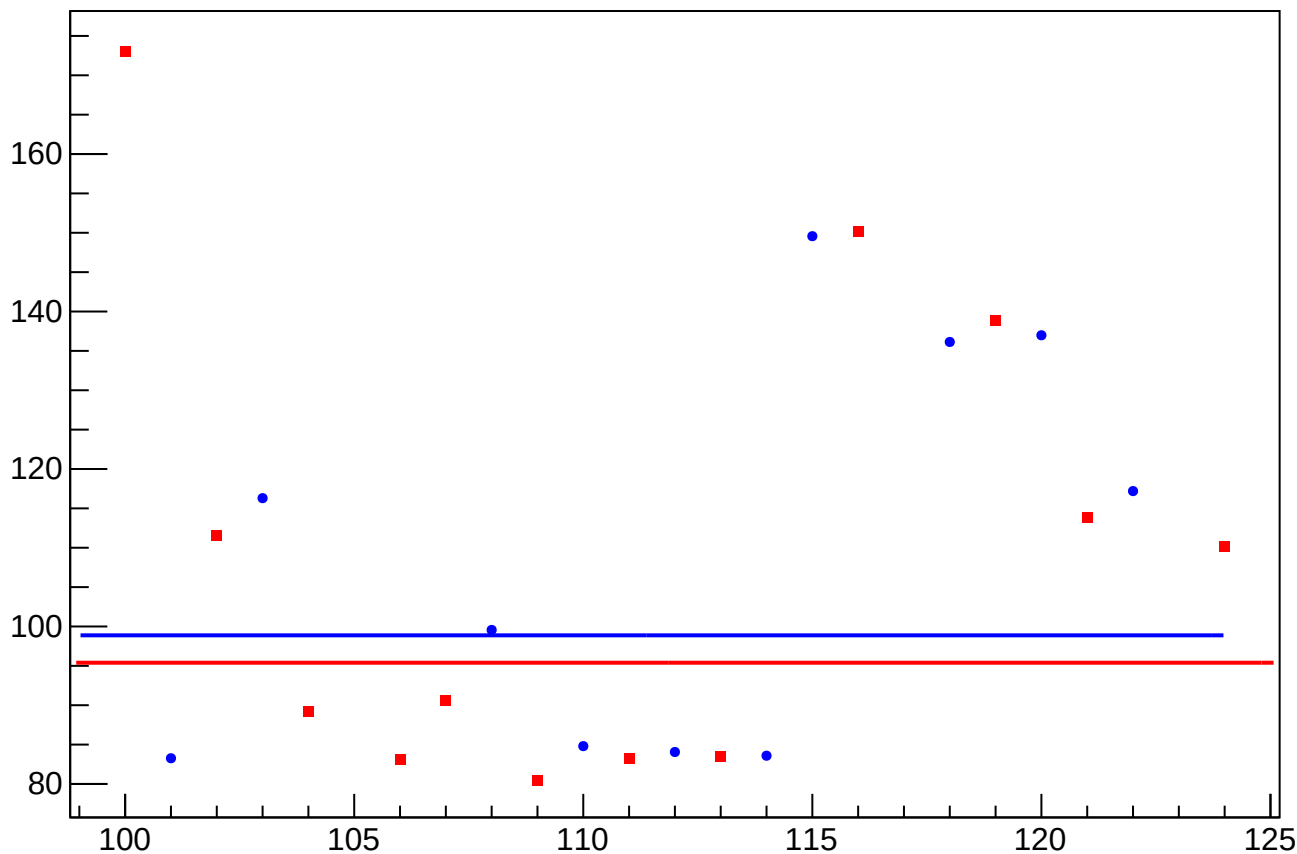
Right: -52.658 $\pm$ 33.652 χ^2/NDF : 48.2/21

In: -113.214 $\pm$ 50.111 χ^2/NDF : 27.7/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -52.658 $\pm$ 33.652 χ^2/NDF : 48.2/21

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 98.876+/-0.035 χ^2/NDF : 318850.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.398+/-0.032 χ^2/NDF : 361502.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

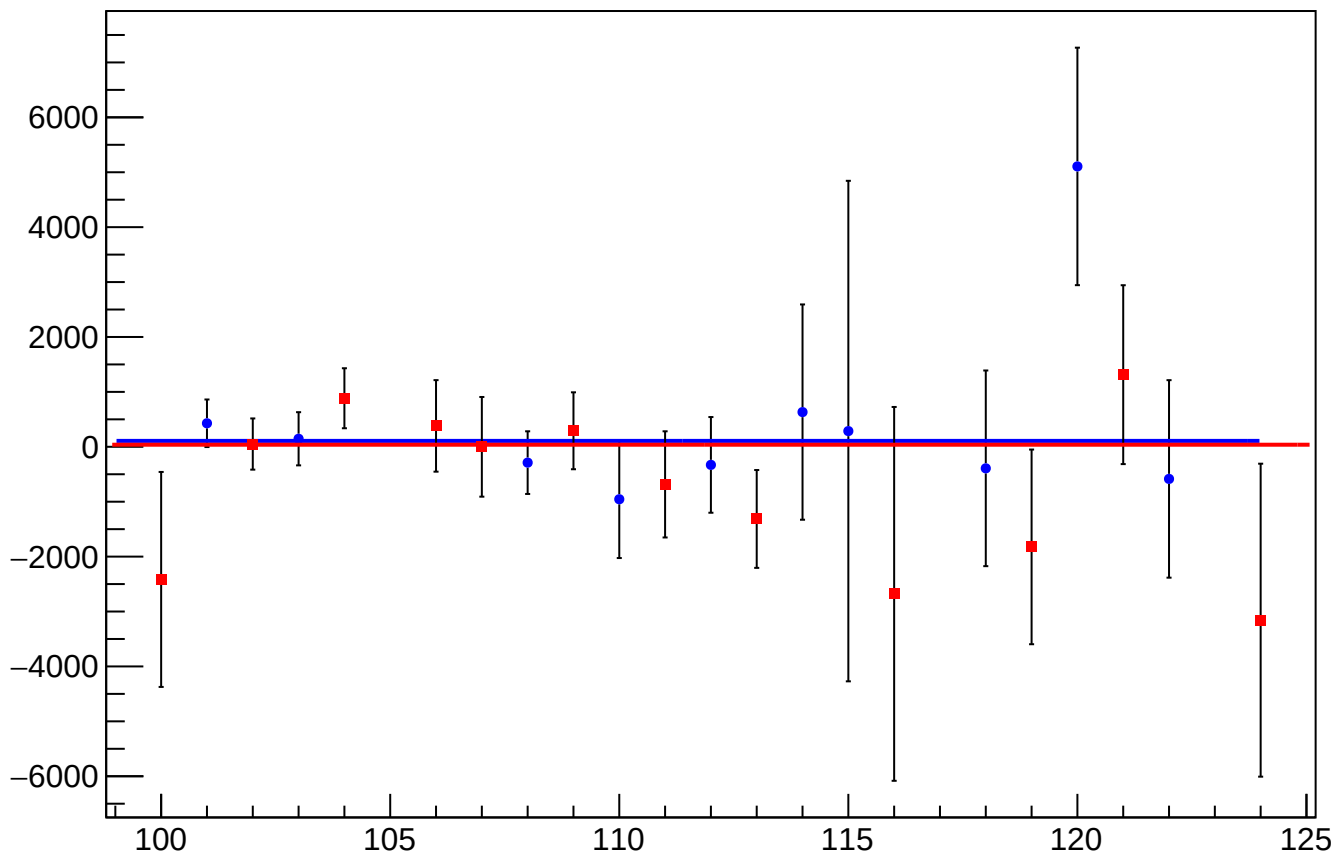
Right: 96.967+/-0.024 χ^2/NDF : 685644.2/21

In: 98.876+/-0.035 χ^2/NDF : 318850.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.967+/-0.024 χ^2/NDF : 685644.2/21

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 107.508+/-249.998 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.816+/-248.938 χ^2/NDF : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

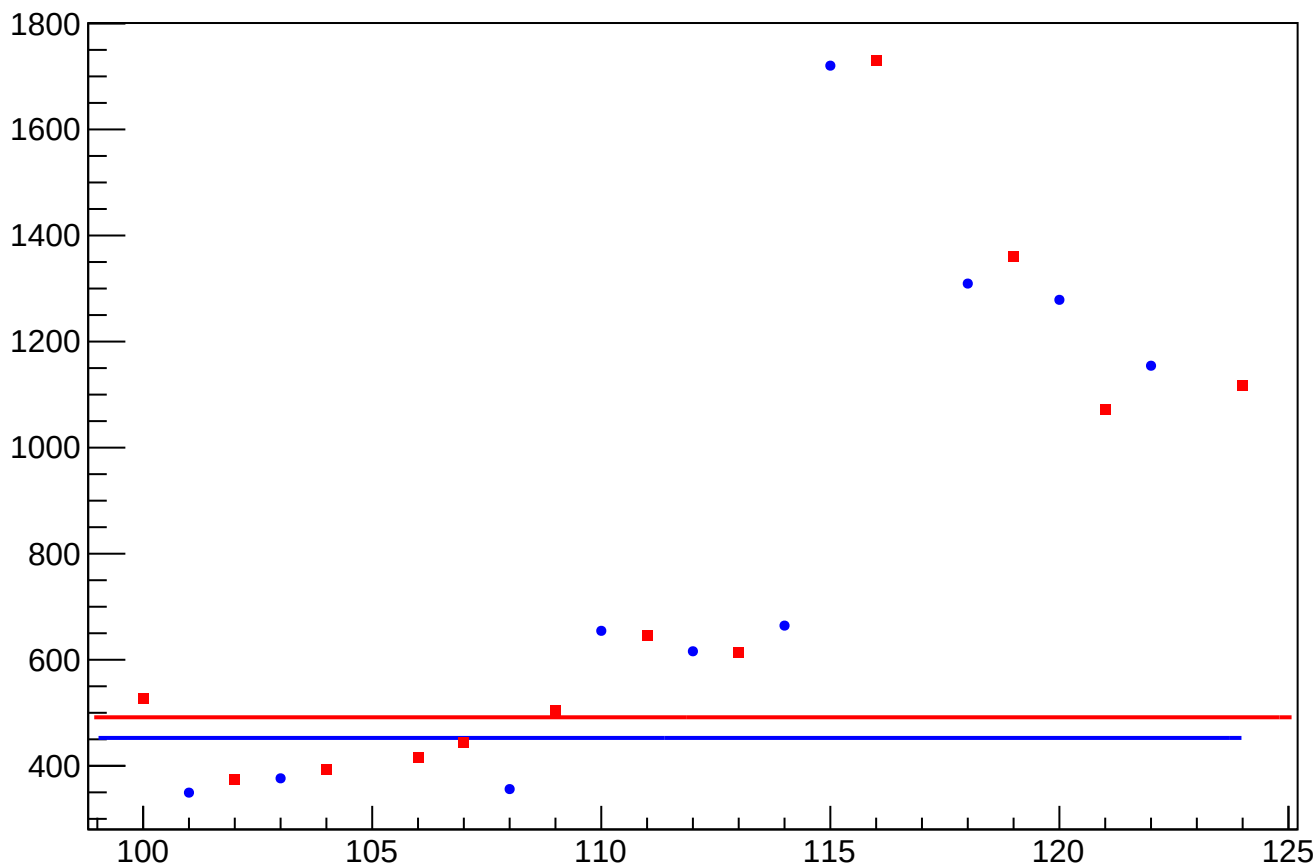
Right: 72.514+/-176.399 χ^2/NDF : 18.7/21

In: 107.508+/-249.998 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.514+/-176.399 χ^2/NDF : 18.7/21

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 452.628+/-0.177 χ^2/NDF : 1598364.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.537+/-0.176 χ^2/NDF : 1397204.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

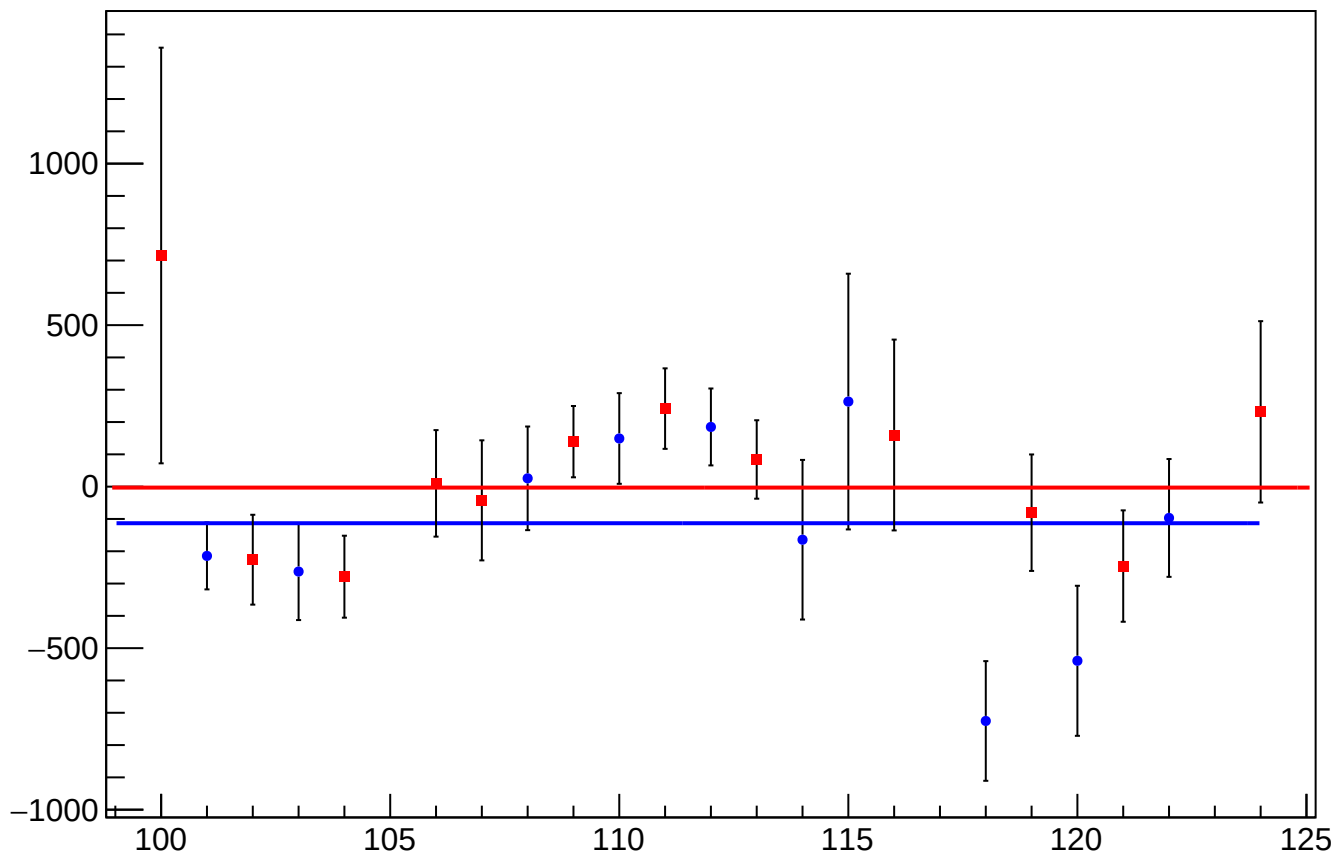
Right: 472.165+/-0.125 χ^2/NDF : 3019895.5/21

In: 452.628+/-0.177 χ^2/NDF : 1598364.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.165+/-0.125 χ^2/NDF : 3019895.5/21

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -113.214+/-50.111 χ^2/NDF : 27.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.916+/-45.417 χ^2/NDF : 17.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

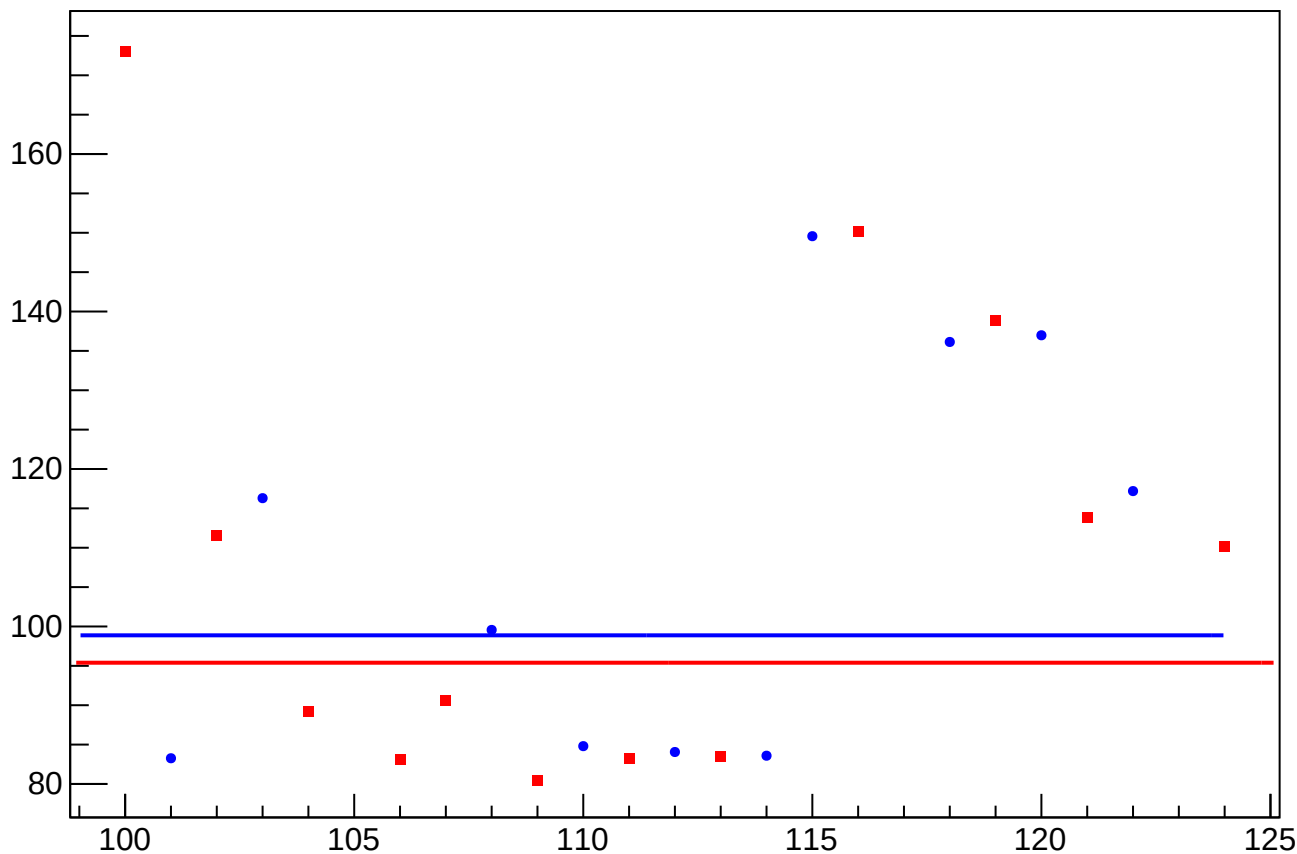
Right: -52.658+/-33.652 χ^2/NDF : 48.2/21

In: -113.214+/-50.111 χ^2/NDF : 27.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.658+/-33.652 χ^2/NDF : 48.2/21

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 98.876+/-0.035 χ^2/NDF : 318850.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.398+/-0.032 χ^2/NDF : 361502.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

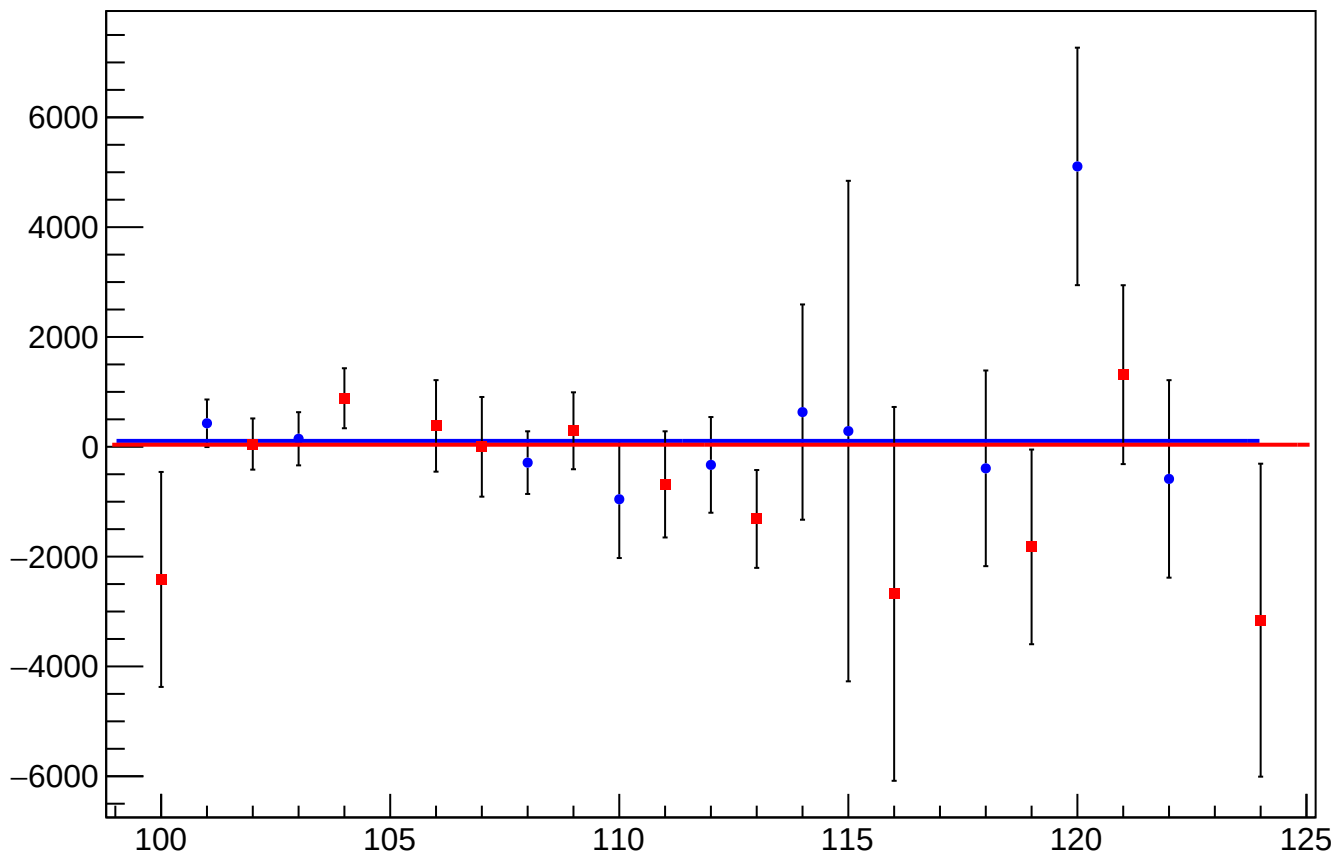
Right: 96.967+/-0.024 χ^2/NDF : 685644.2/21

In: 98.876+/-0.035 χ^2/NDF : 318850.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.967+/-0.024 χ^2/NDF : 685644.2/21

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 107.508+/-249.998 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.816+/-248.938 χ^2/NDF : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

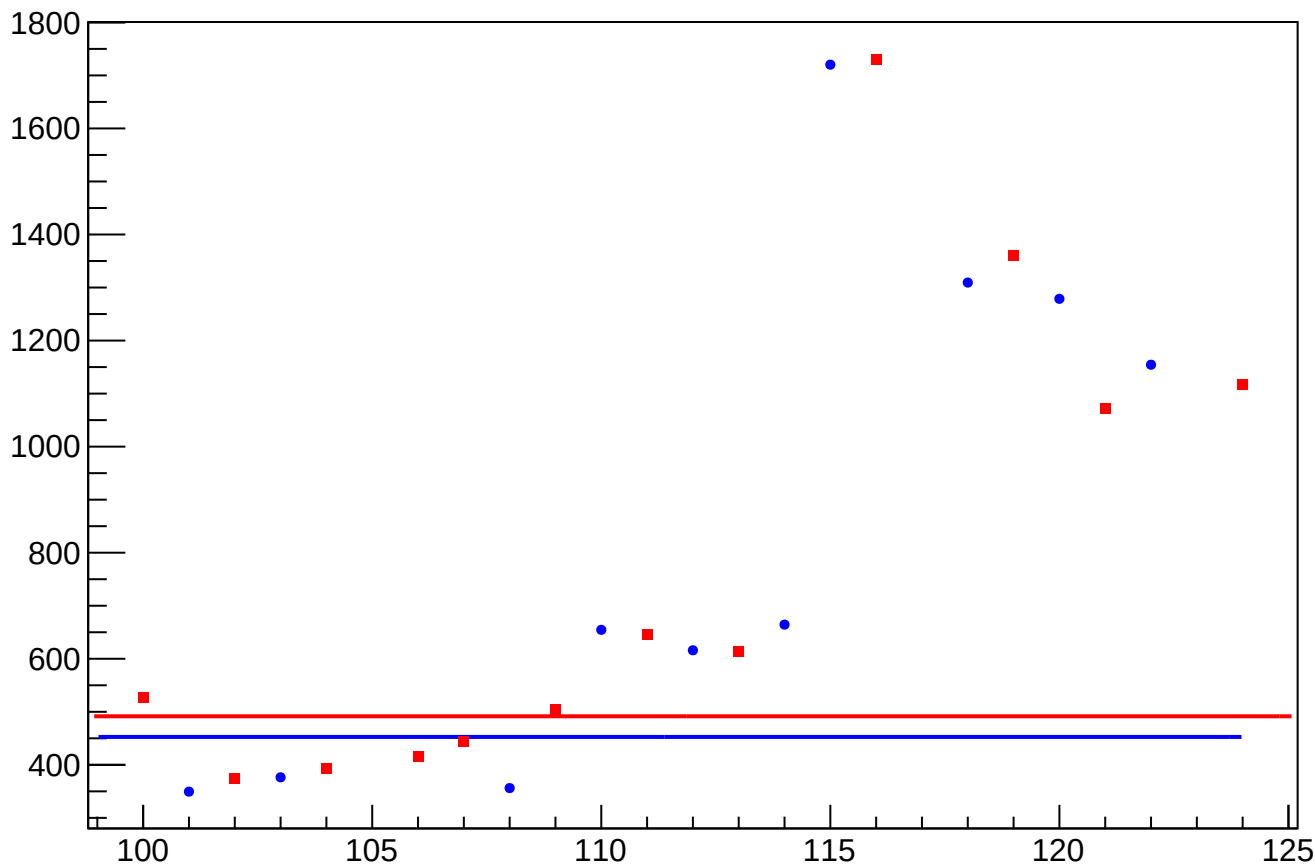
Right: 72.514+/-176.399 χ^2/NDF : 18.7/21

In: 107.508+/-249.998 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.514+/-176.399 χ^2/NDF : 18.7/21

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 452.628+/-0.177 χ^2/NDF : 1598364.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.537+/-0.176 χ^2/NDF : 1397204.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

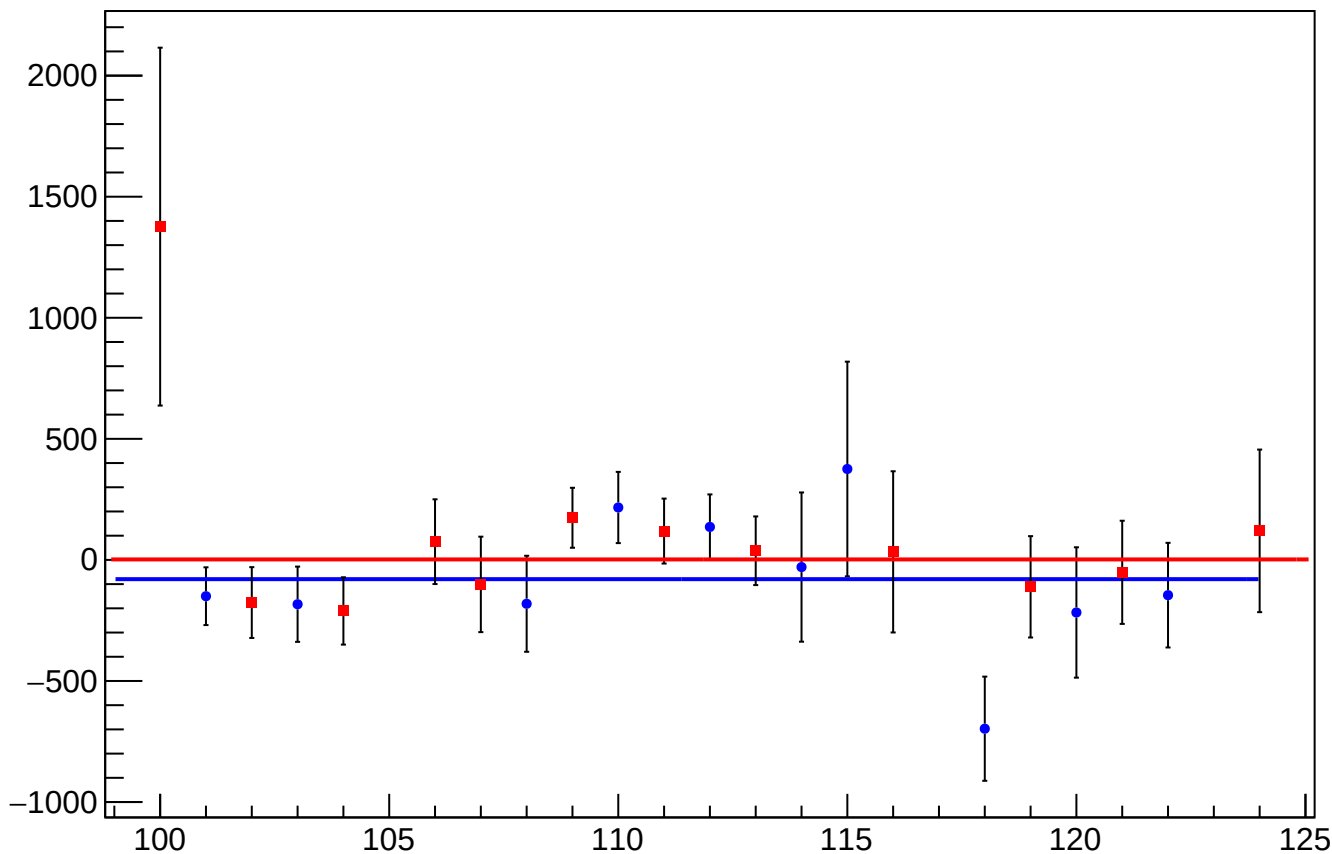
Right: 472.165+/-0.125 χ^2/NDF : 3019895.5/21

In: 452.628+/-0.177 χ^2/NDF : 1598364.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.165+/-0.125 χ^2/NDF : 3019895.5/21

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -79.513+/-56.682 χ^2/NDF : 17.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.988 ± 50.505 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

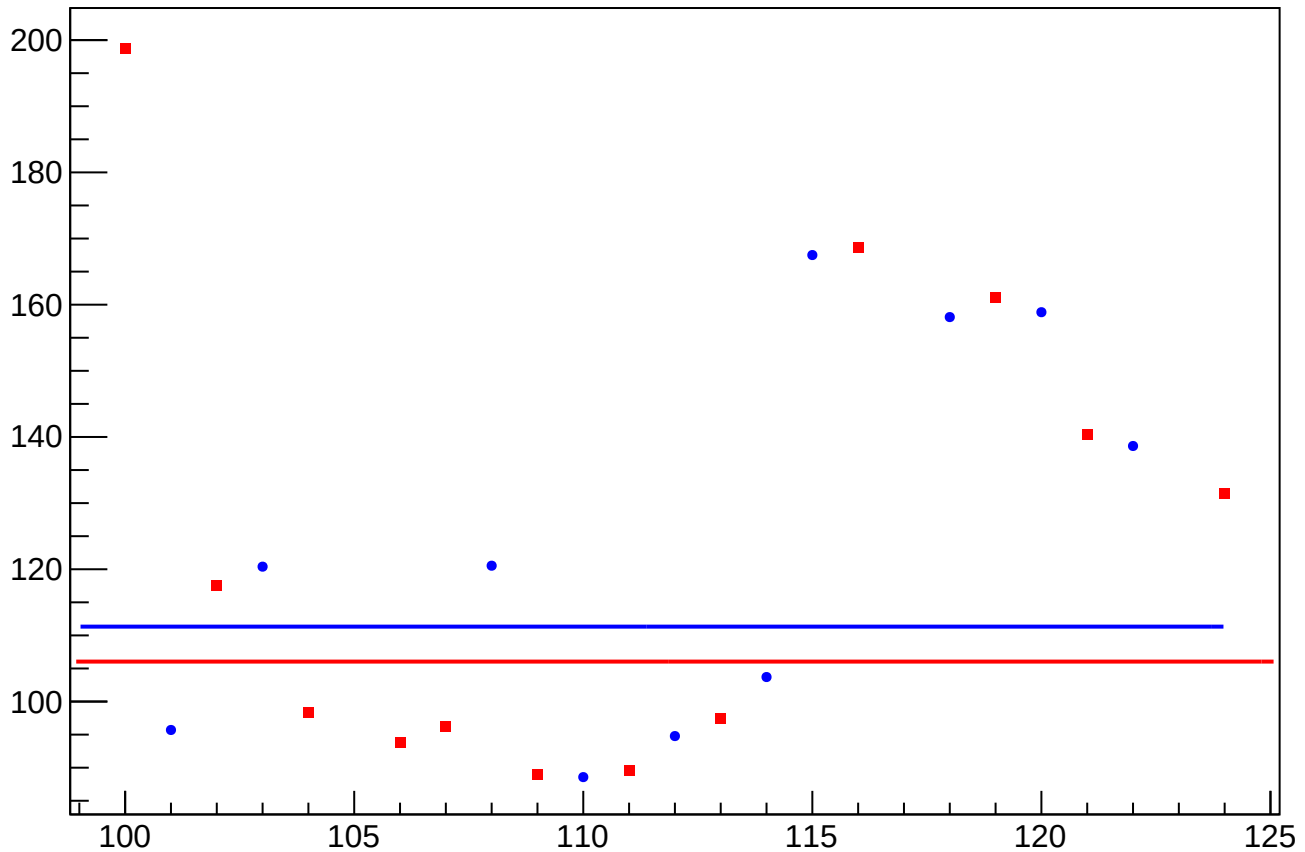
Right: -34.082 ± 37.708 χ^2/NDF : 29.5/21

In: -79.513+/-56.682 χ^2 /NDF:17.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -34.082 ± 37.708 χ^2/NDF : 29.5/21

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 111.327+/-0.040 χ^2/NDF : 345944.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.041+/-0.036 χ^2/NDF : 412980.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

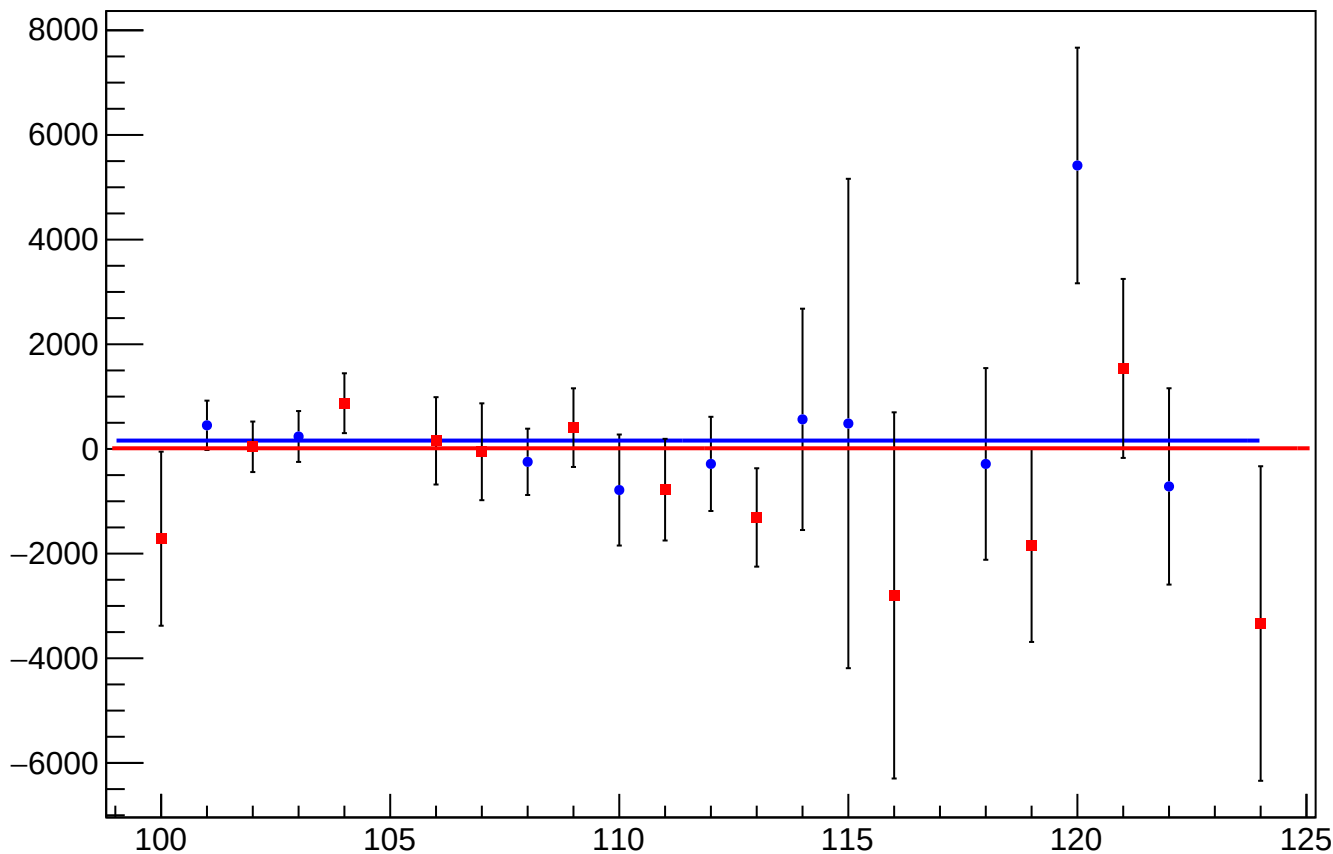
Right: 108.381+/-0.027 χ^2/NDF : 768621.1/21

In: 111.327+/-0.040 χ^2/NDF : 345944.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.381+/-0.027 χ^2/NDF : 768621.1/21

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 159.990 $\pm$ 263.580 χ^2 /NDF: 7.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.544 $\pm$ 257.268 χ^2 /NDF: 10.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

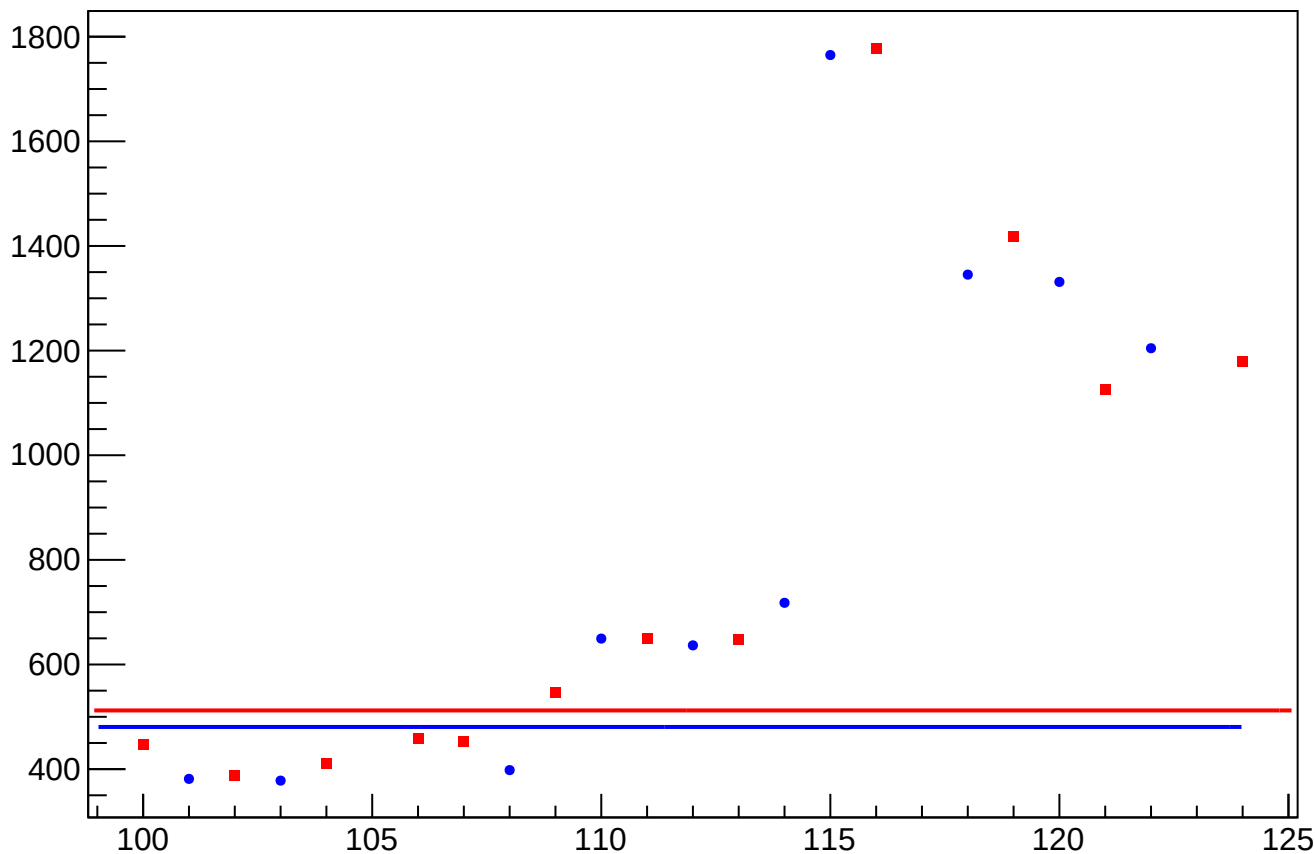
Right: 84.480 $\pm$ 184.107 χ^2 /NDF: 17.8/21

In: 159.990 $\pm$ 263.580 χ^2 /NDF:7.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 84.480 $\pm$ 184.107 χ^2 /NDF: 17.8/21

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 480.613+/-0.186 χ^2/NDF : 1527536.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.201+/-0.182 χ^2/NDF : 1398296.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

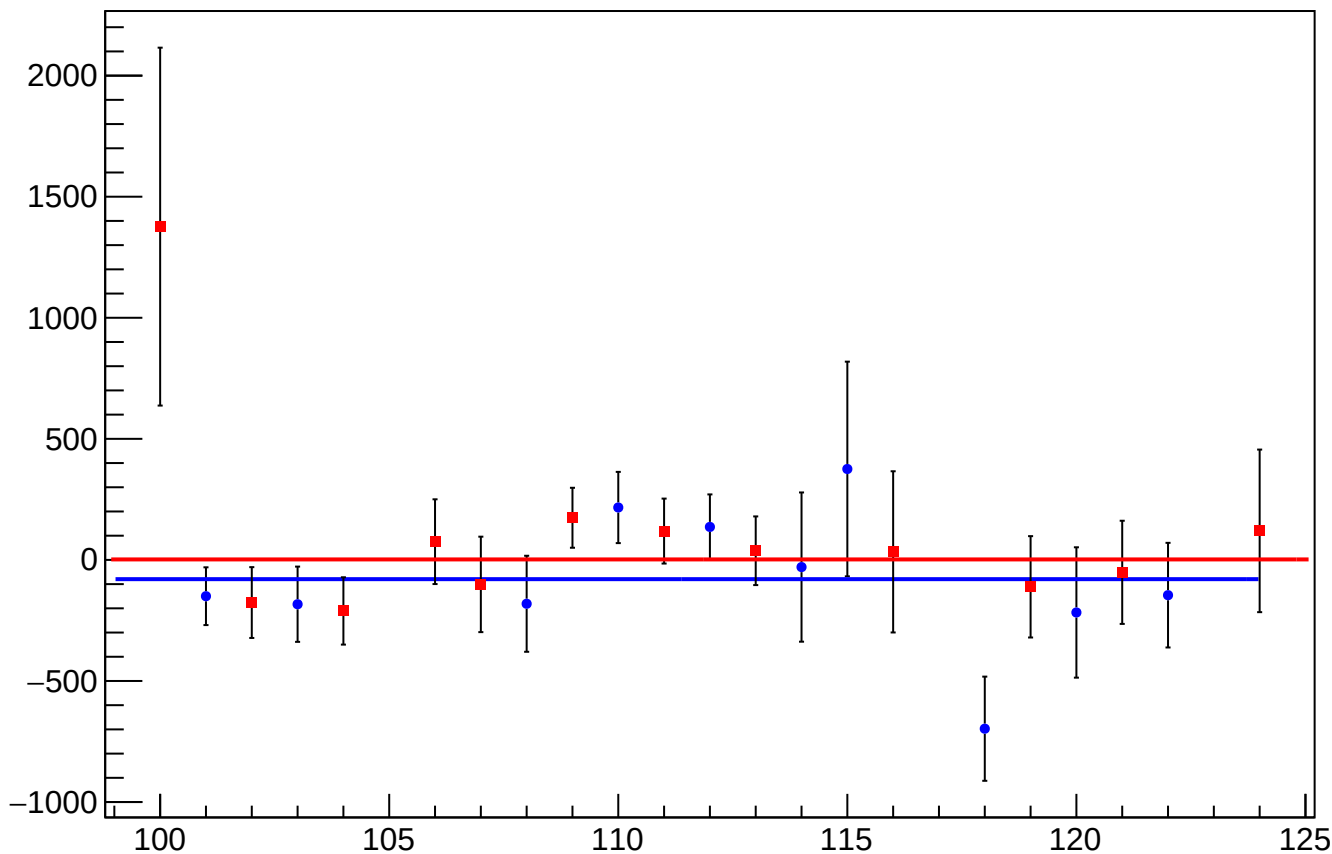
Right: 496.790+/-0.130 χ^2/NDF : 2940542.3/21

In: 480.613+/-0.186 χ^2/NDF : 1527536.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.790+/-0.130 χ^2/NDF : 2940542.3/21

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -79.514+/-56.681 χ^2/NDF : 17.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.989+/-50.505 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

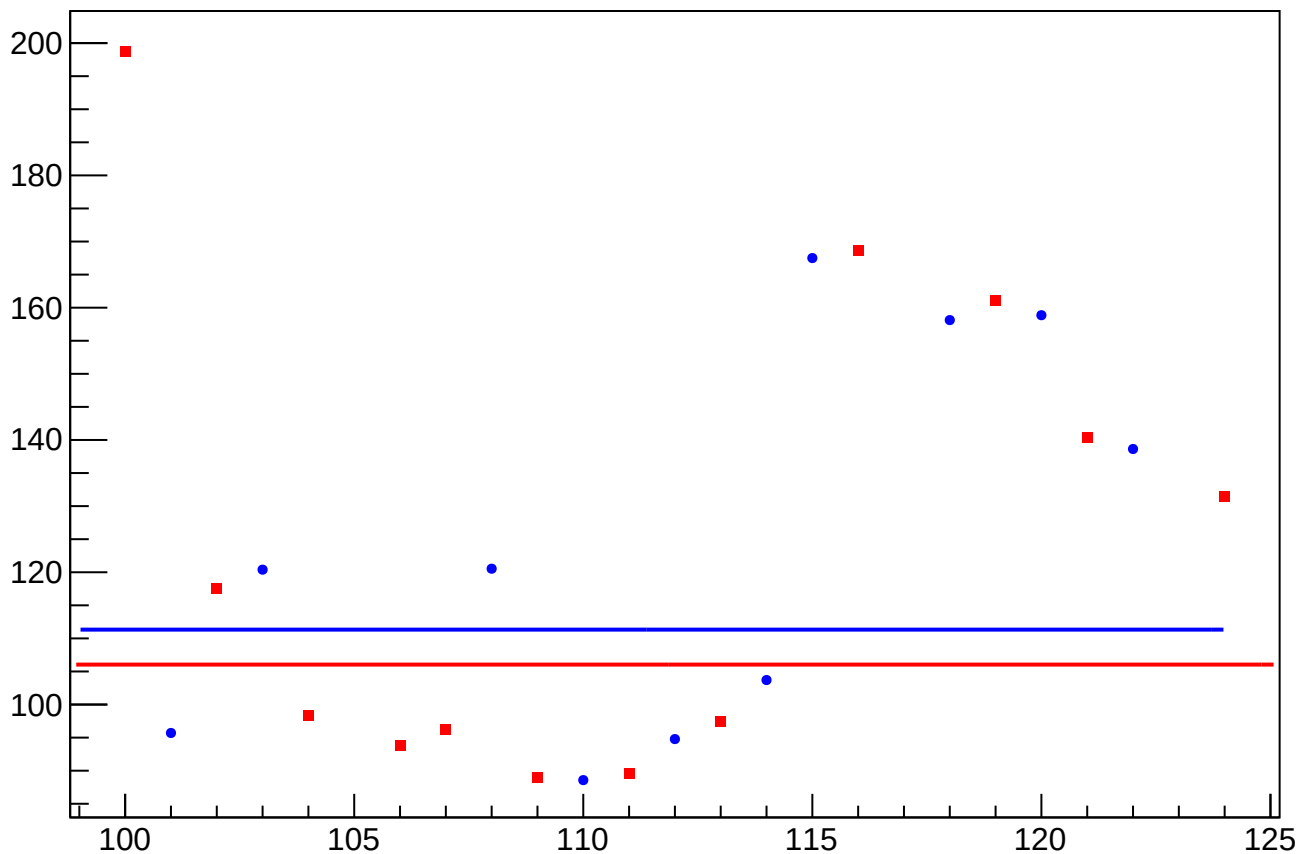
Right: -34.082+/-37.708 χ^2/NDF : 29.5/21

In: -79.514+/-56.681 χ^2/NDF : 17.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.082+/-37.708 χ^2/NDF : 29.5/21

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 111.327+/-0.040 χ^2/NDF : 345946.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.041+/-0.036 χ^2/NDF : 412980.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

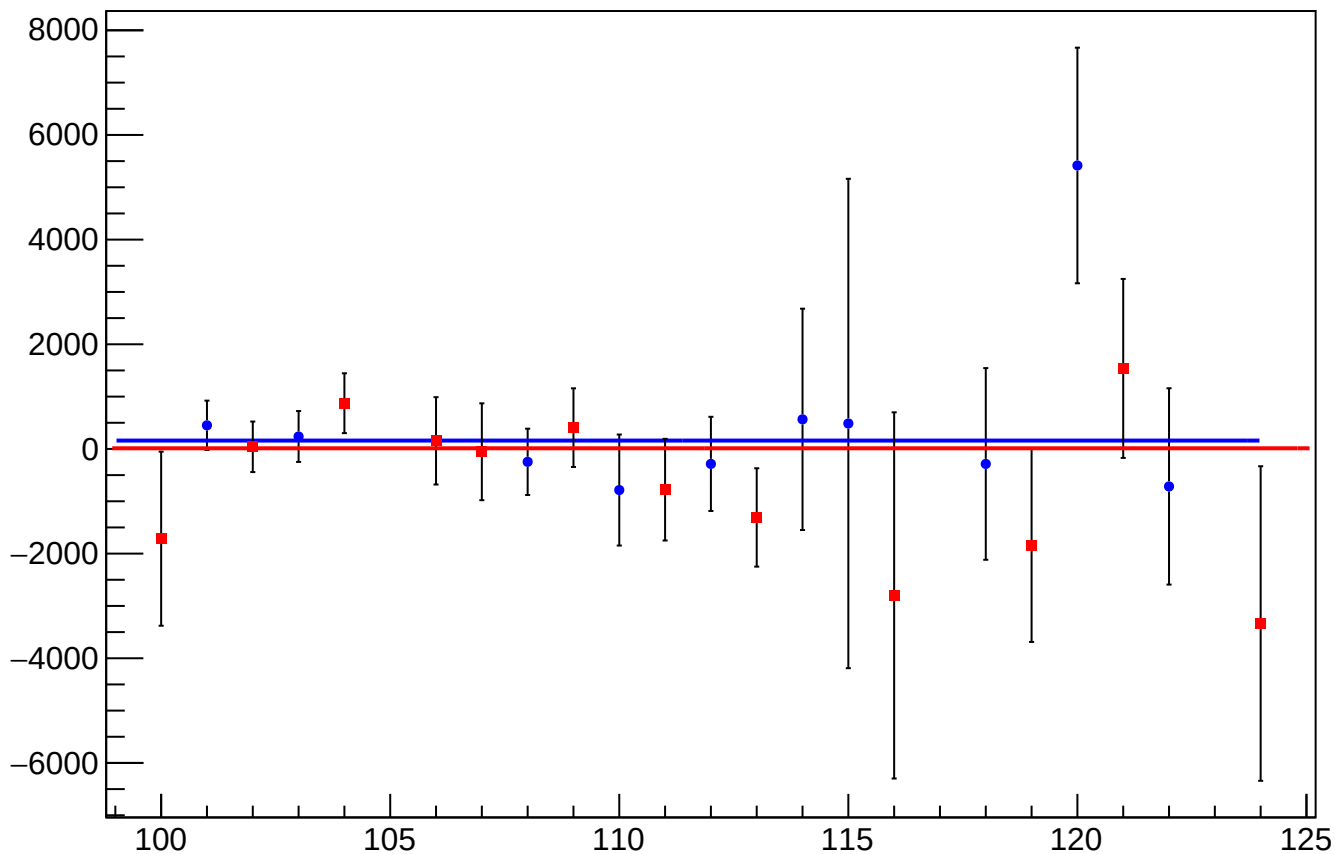
Right: 108.380+/-0.027 χ^2/NDF : 768622.6/21

In: 111.327+/-0.040 χ^2/NDF : 345946.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.380+/-0.027 χ^2/NDF : 768622.6/21

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 159.990+/-263.579 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.545+/-257.267 χ^2/NDF : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

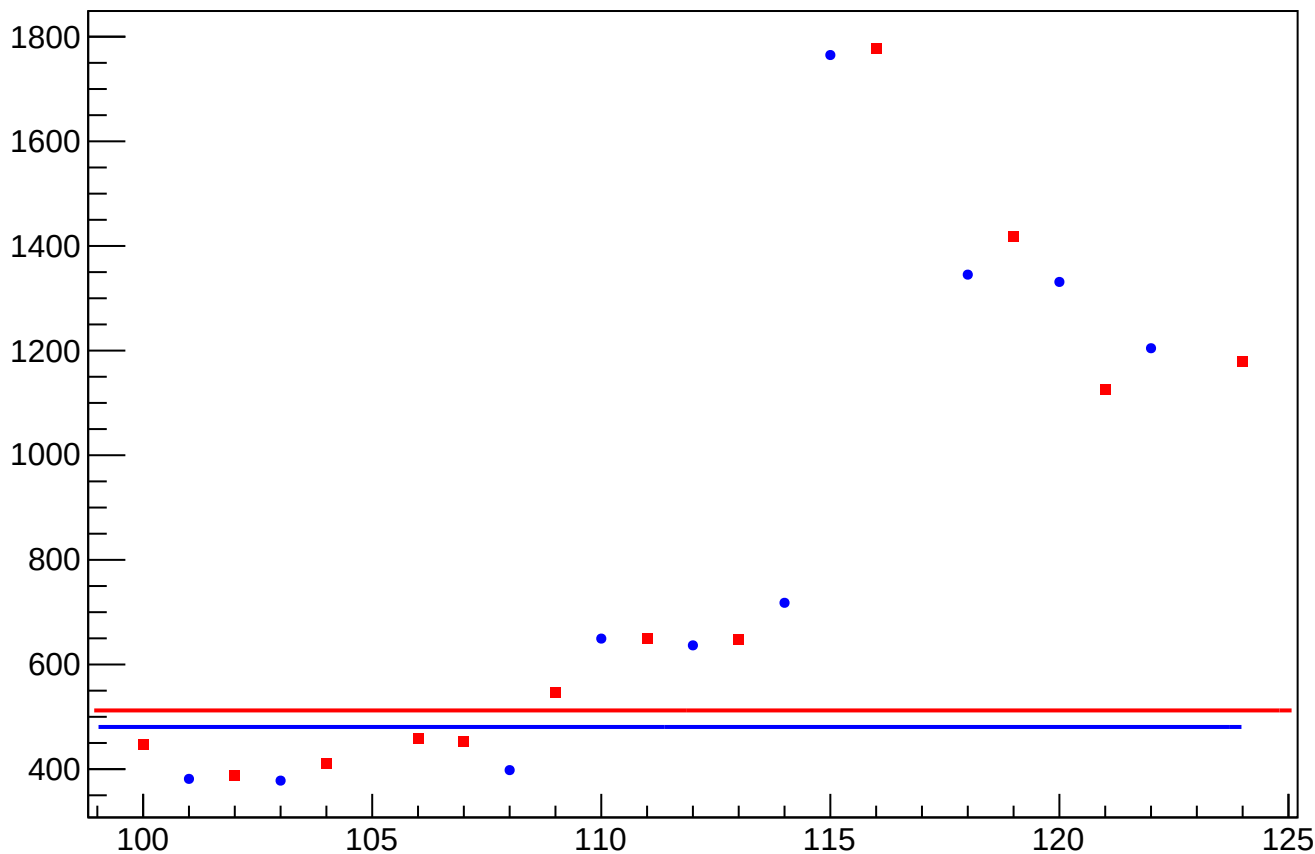
Right: 84.481+/-184.107 χ^2/NDF : 17.8/21

In: 159.990+/-263.579 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.481+/-184.107 χ^2/NDF : 17.8/21

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 480.613+/-0.186 χ^2/NDF : 1527539.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.200+/-0.182 χ^2/NDF : 1398296.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

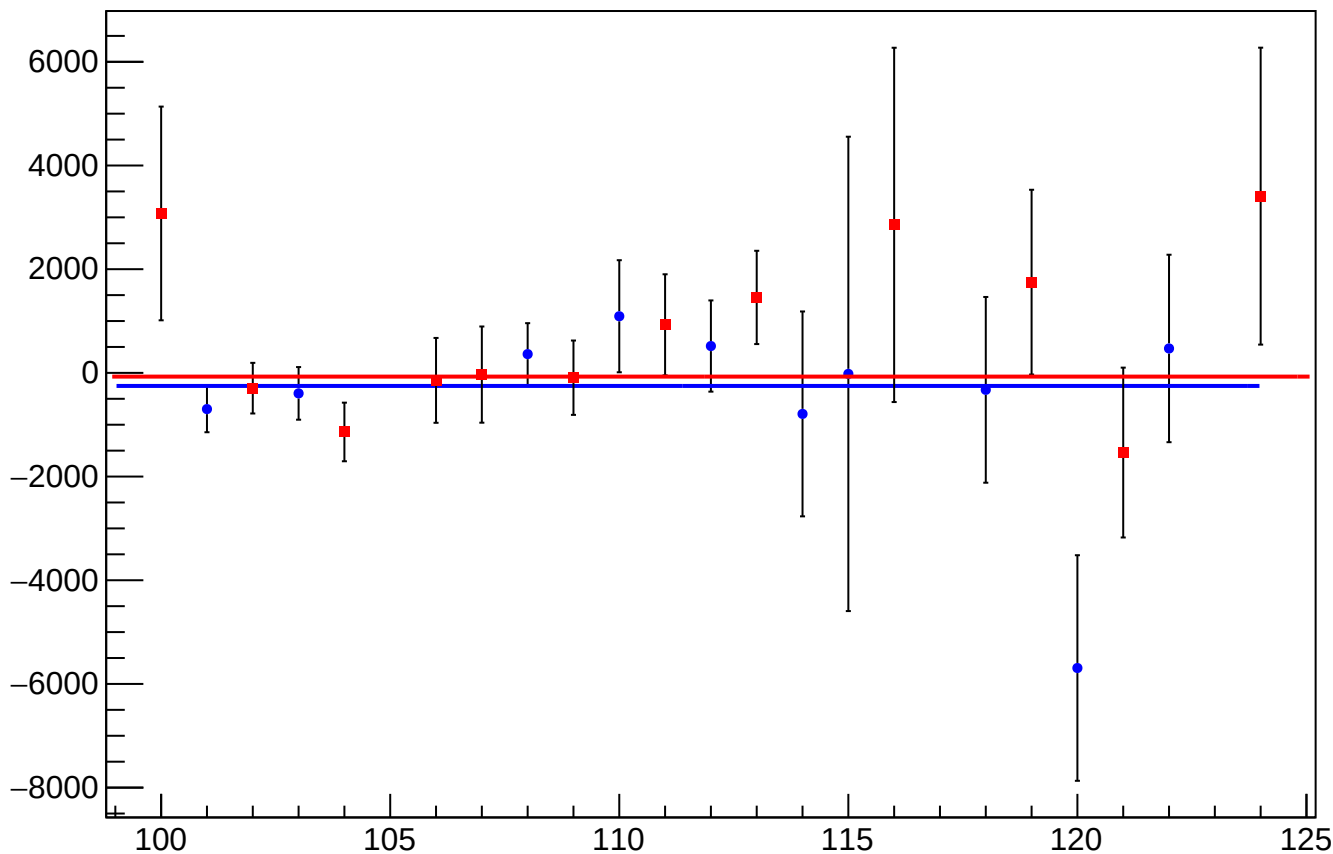
Right: 496.789+/-0.130 χ^2/NDF : 2940545.0/21

In: 480.613+/-0.186 χ^2/NDF : 1527539.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.789+/-0.130 χ^2/NDF : 2940545.0/21

asym_sam6_mean vs Slug, Sign Corrected



Right In: -251.941+/-258.374 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.919+/-255.324 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

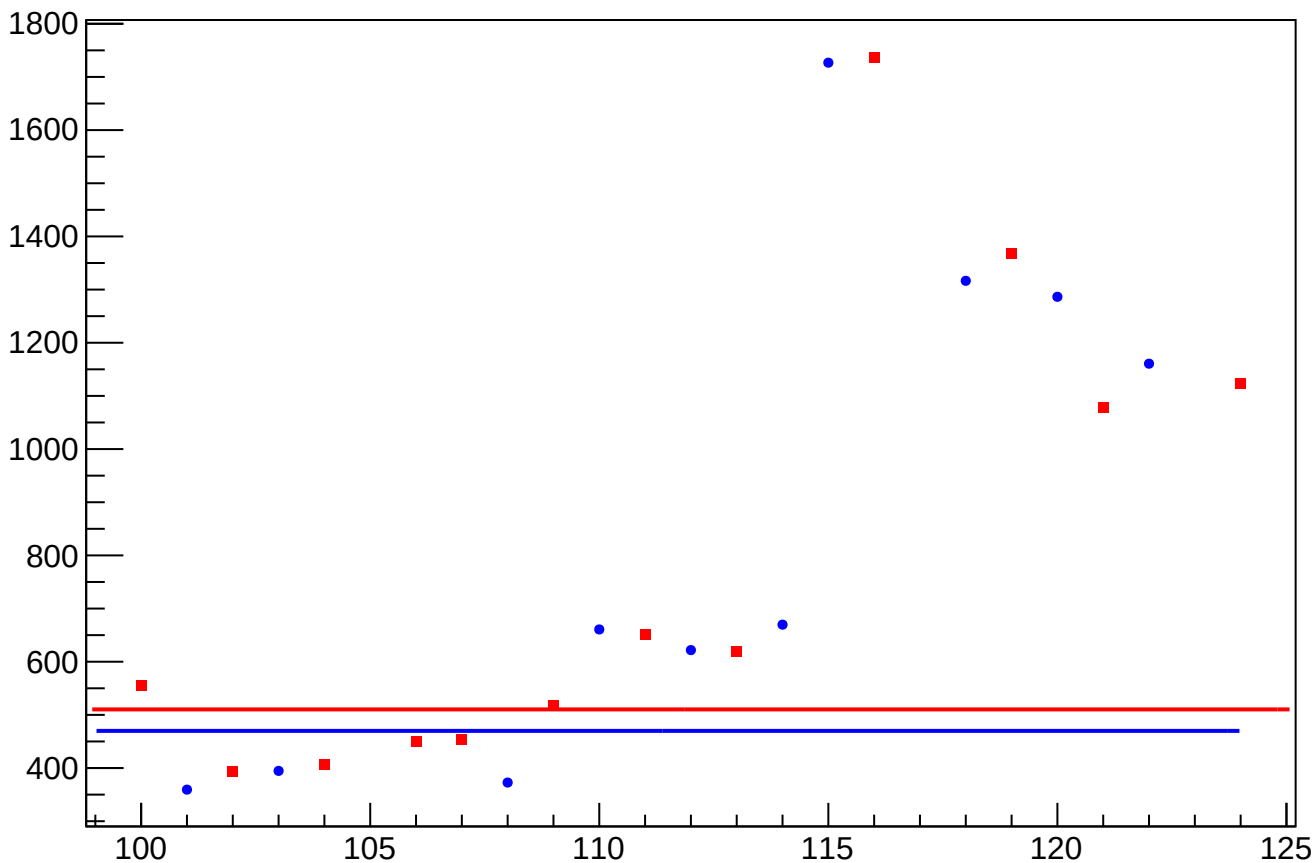
Right: -160.861+/-181.610 χ^2/NDF : 25.3/21

In: -251.941+/-258.374 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.861+/-181.610 χ^2/NDF : 25.3/21

asym_sam6_rms vs Slug, Sign Corrected



Right In: 469.898 $\pm$ 0.183 χ^2 /NDF: 1533011.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 510.307 $\pm$ 0.181 χ^2 /NDF: 1325185.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

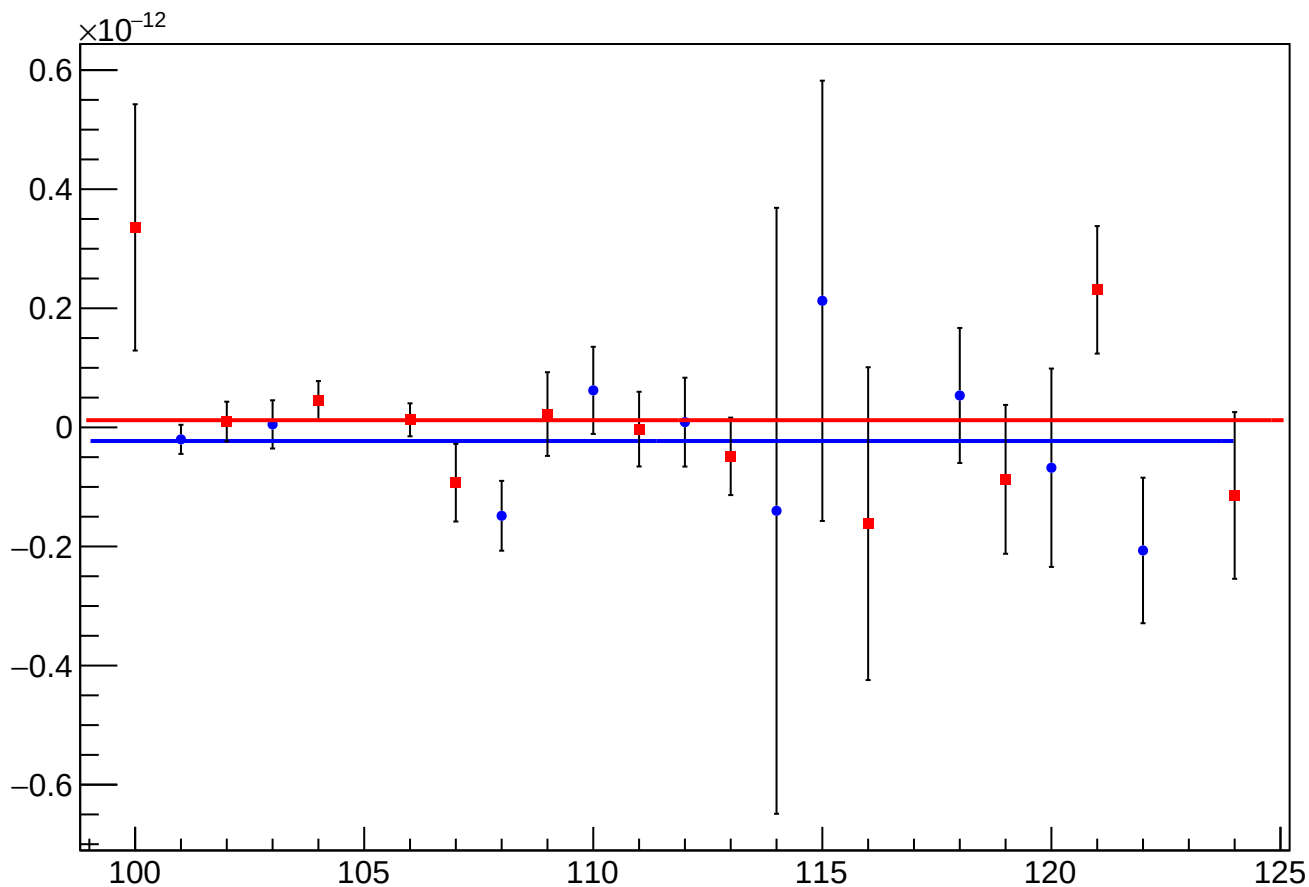
Right: 490.342 $\pm$ 0.128 χ^2 /NDF: 2882947.9/21

In: 469.898 $\pm$ 0.183 χ^2 /NDF:1533011.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 490.342 $\pm$ 0.128 χ^2 /NDF: 2882947.9/21

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

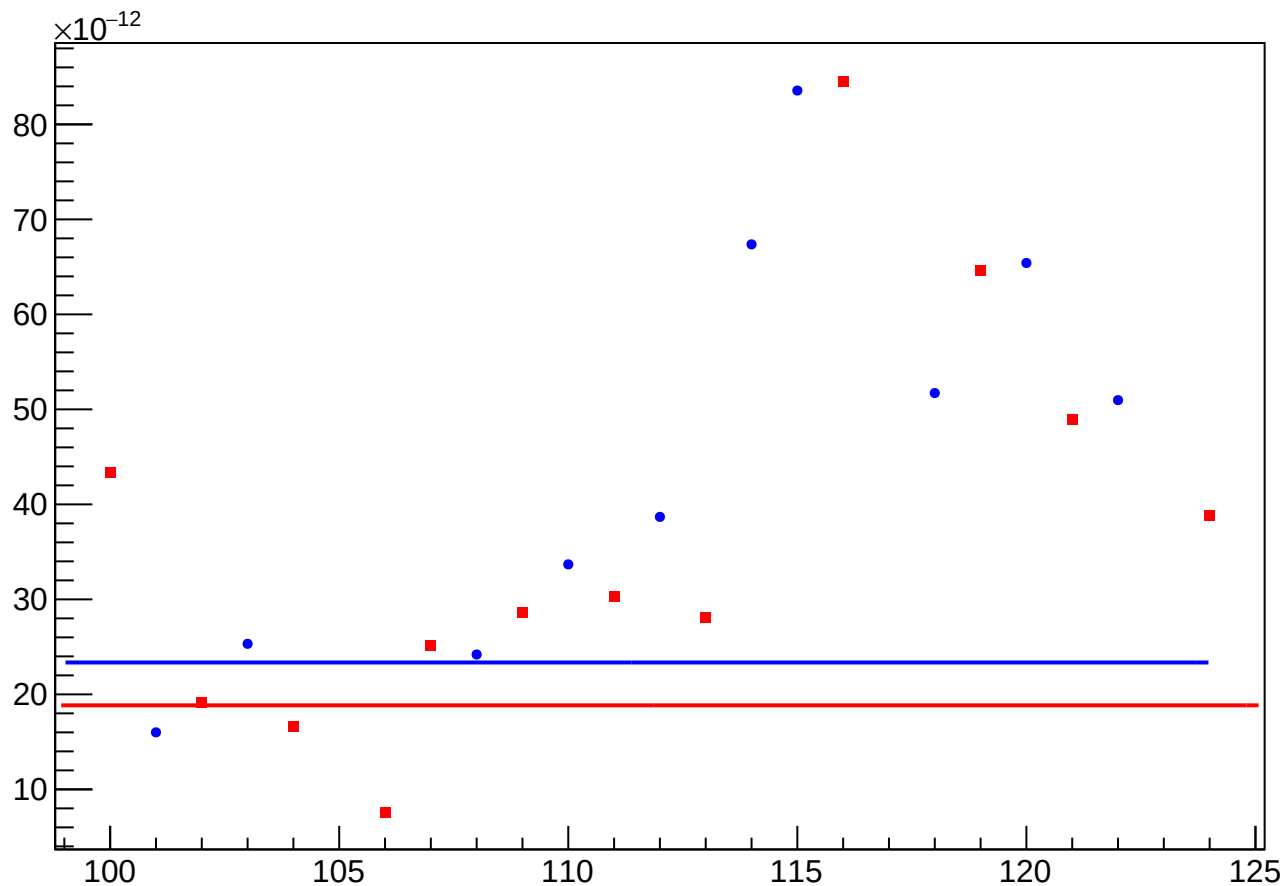
Right: -0.000+/-0.000 χ^2 /NDF: 25.1/21

In: -0.000+/-0.000 χ^2 /NDF:9.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 25.1/21

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 733191.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1126434.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

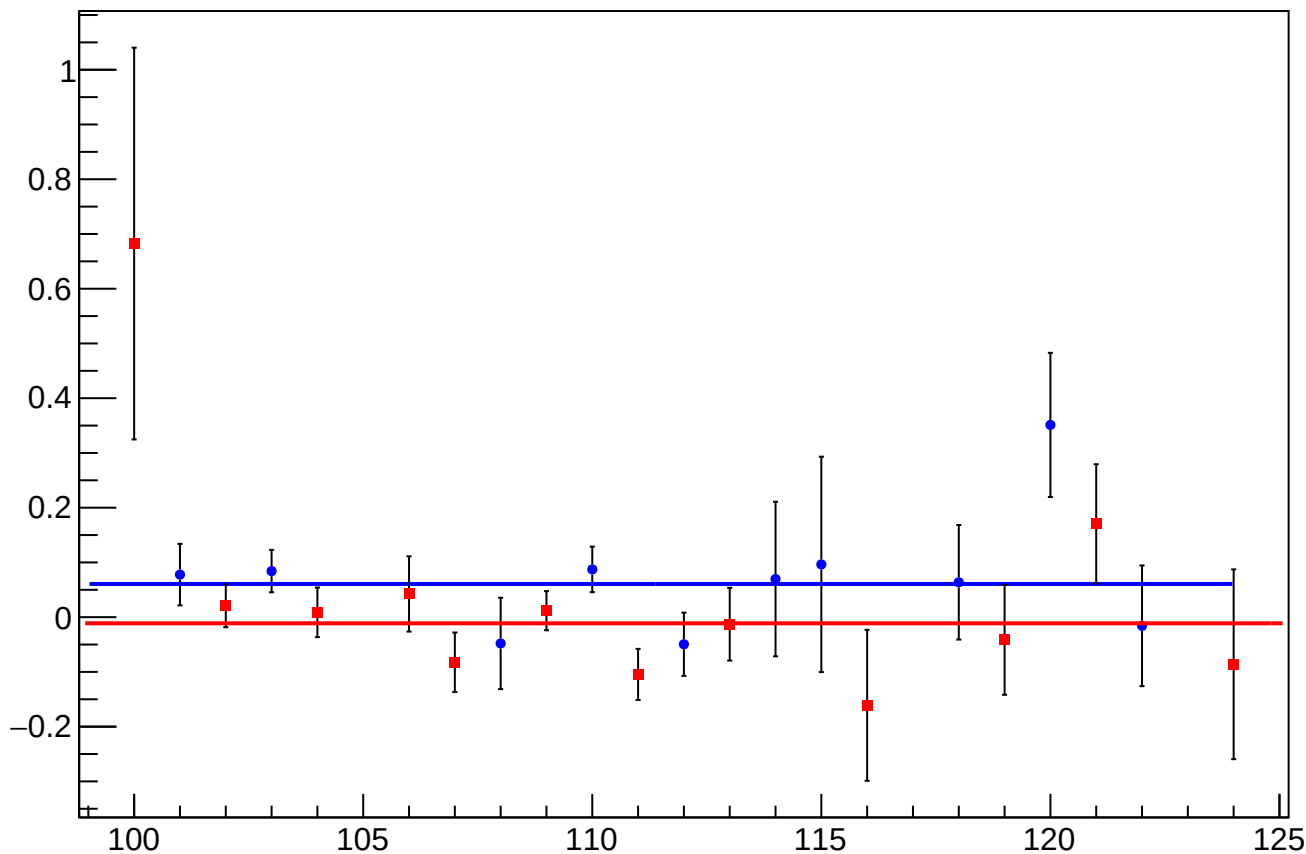
Right: 0.000+/-0.000 χ^2/NDF : 1933424.9/21

In: 0.000+/-0.000 χ^2/NDF : 733191.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1933424.9/21

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061 $\pm$ 0.021 χ^2 /NDF: 11.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.017 χ^2 /NDF: 15.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

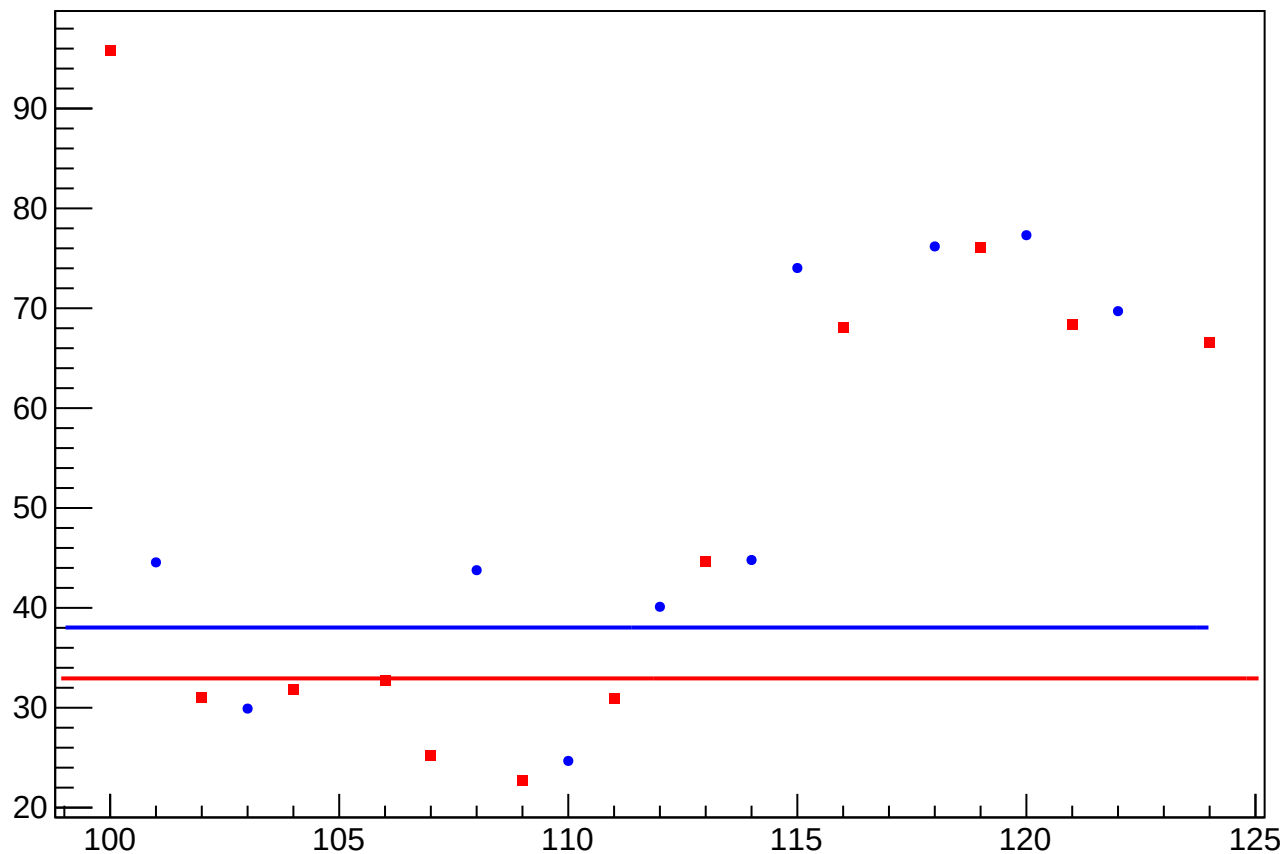
Right: 0.018 $\pm$ 0.013 χ^2 /NDF: 34.3/21

In: 0.061 $\pm$ 0.021 χ^2 /NDF:11.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.018 $\pm$ 0.013 χ^2 /NDF: 34.3/21

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.033+/-0.015 χ^2/NDF : 1013535.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.937+/-0.012 χ^2/NDF : 1124458.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

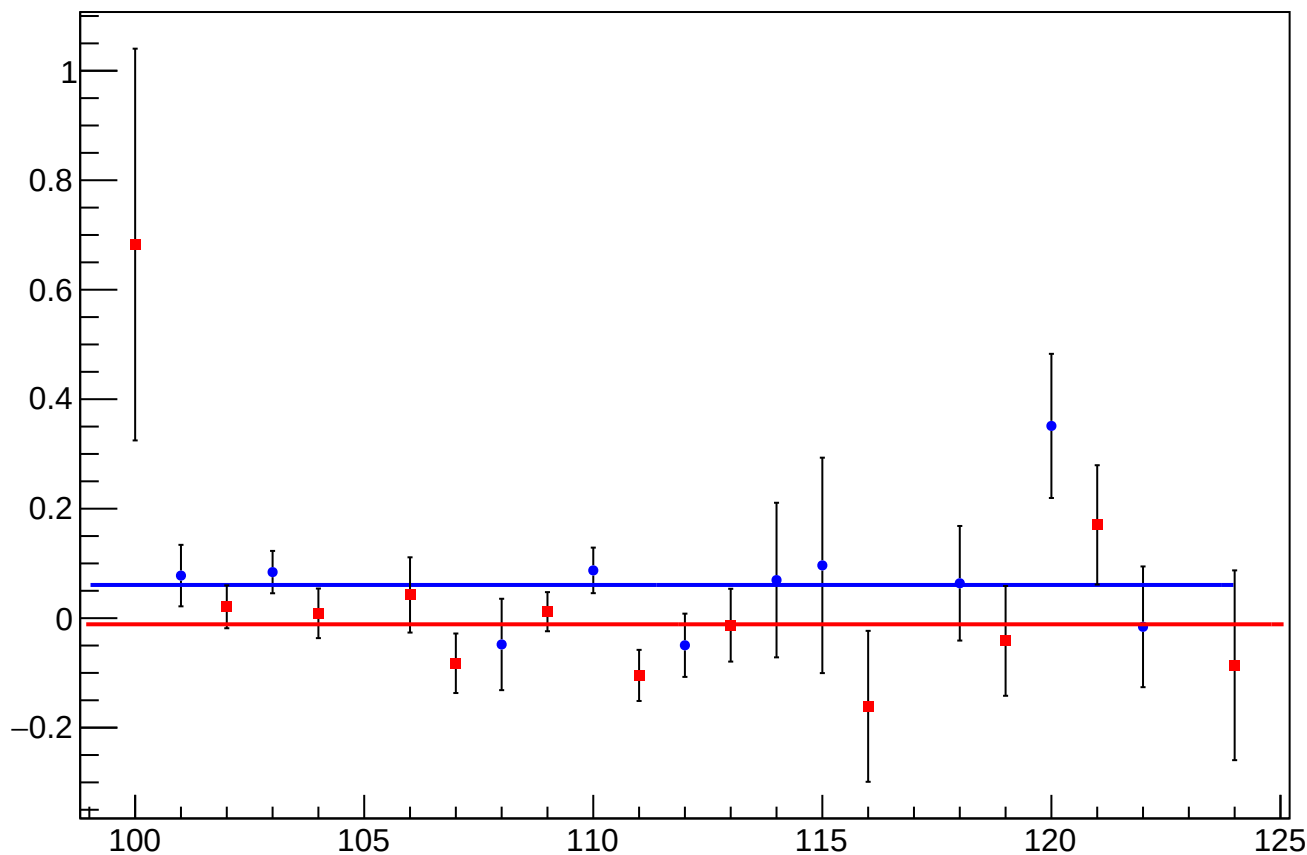
Right: 34.988+/-0.009 χ^2/NDF : 2209789.4/21

In: 38.033+/-0.015 χ^2/NDF :1013535.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.988+/-0.009 χ^2/NDF : 2209789.4/21

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061 ± 0.021 χ^2/NDF : 11.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.017 χ^2/NDF : 15.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

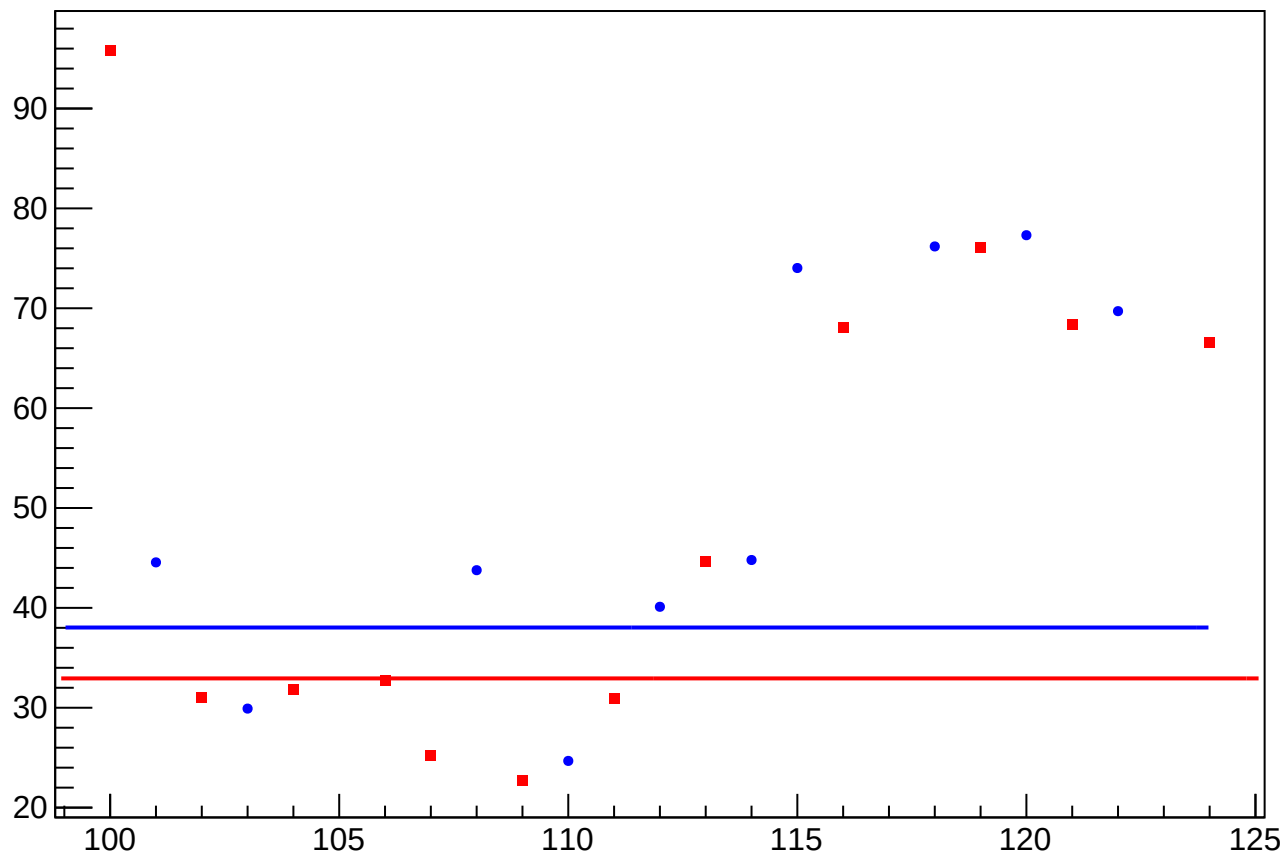
Right: 0.018 ± 0.013 χ^2/NDF : 34.3/21

In: 0.061 ± 0.021 χ^2/NDF : 11.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.018 ± 0.013 χ^2/NDF : 34.3/21

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.033+/-0.015 χ^2/NDF : 1013535.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.937+/-0.012 χ^2/NDF : 1124458.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

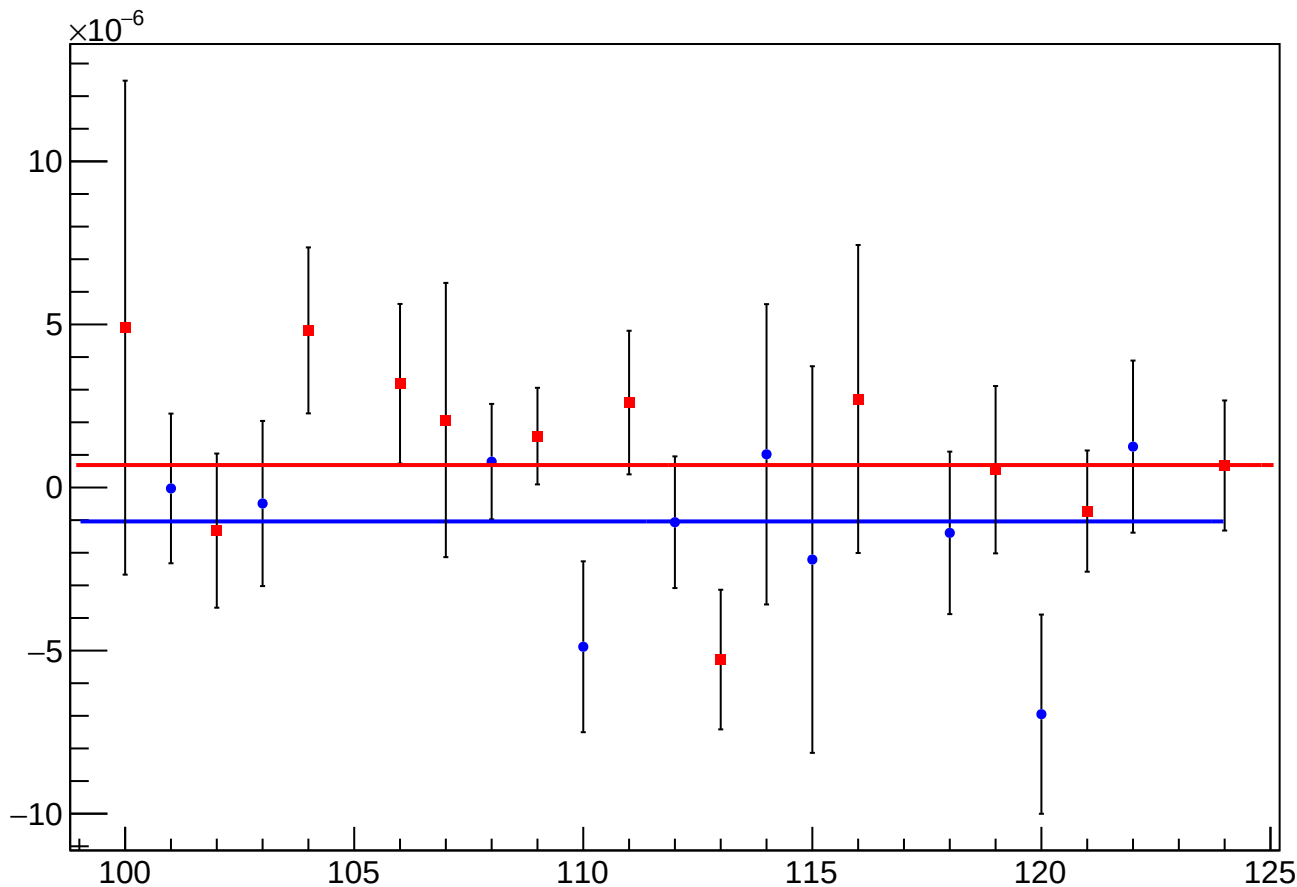
Right: 34.988+/-0.009 χ^2/NDF : 2209789.4/21

In: 38.033+/-0.015 χ^2/NDF :1013535.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.988+/-0.009 χ^2/NDF : 2209789.4/21

asym_sam6_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 : 14.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

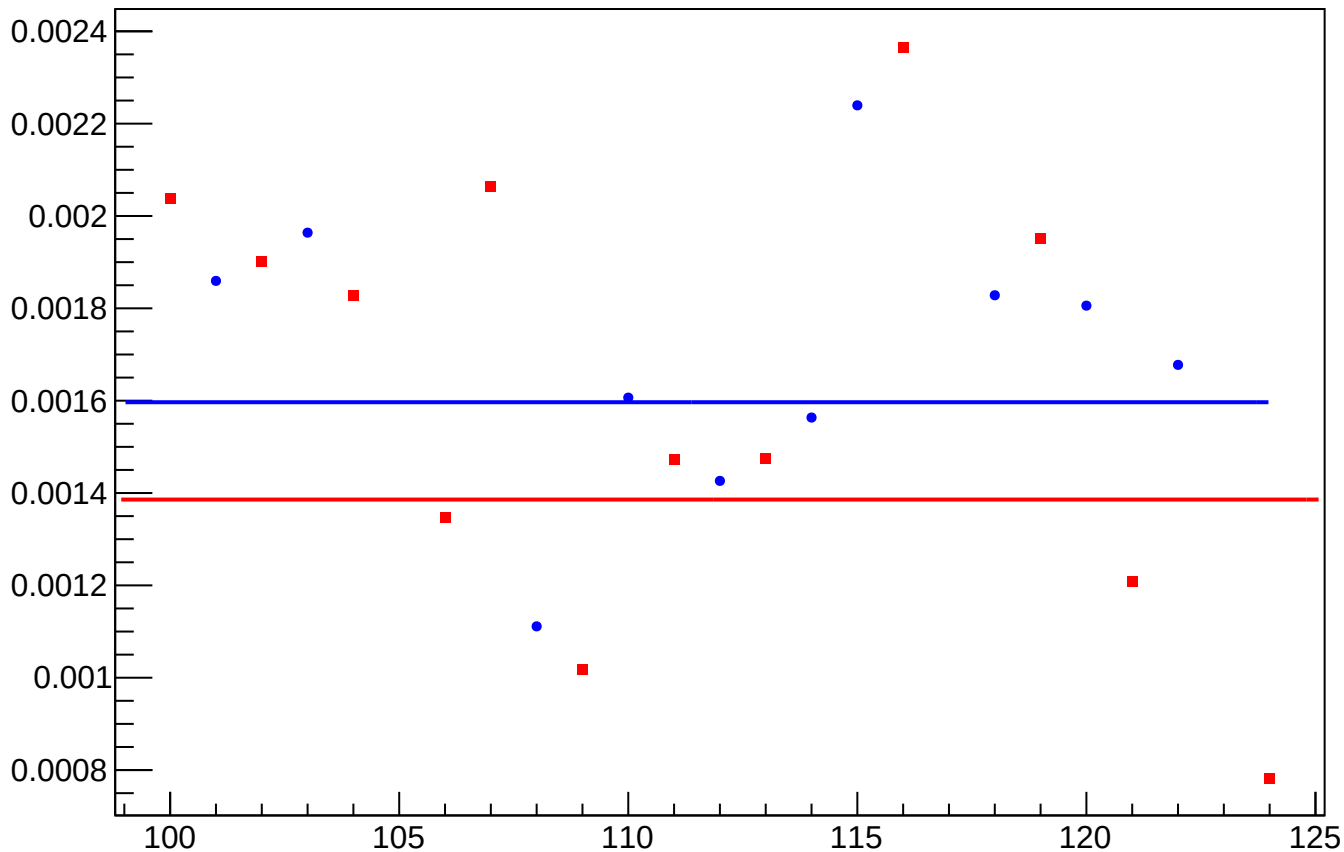
Right: -0.000 ± 0.000 χ^2/NDF : 25.4/21

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 : 25.4/21

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 285236.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 737557.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

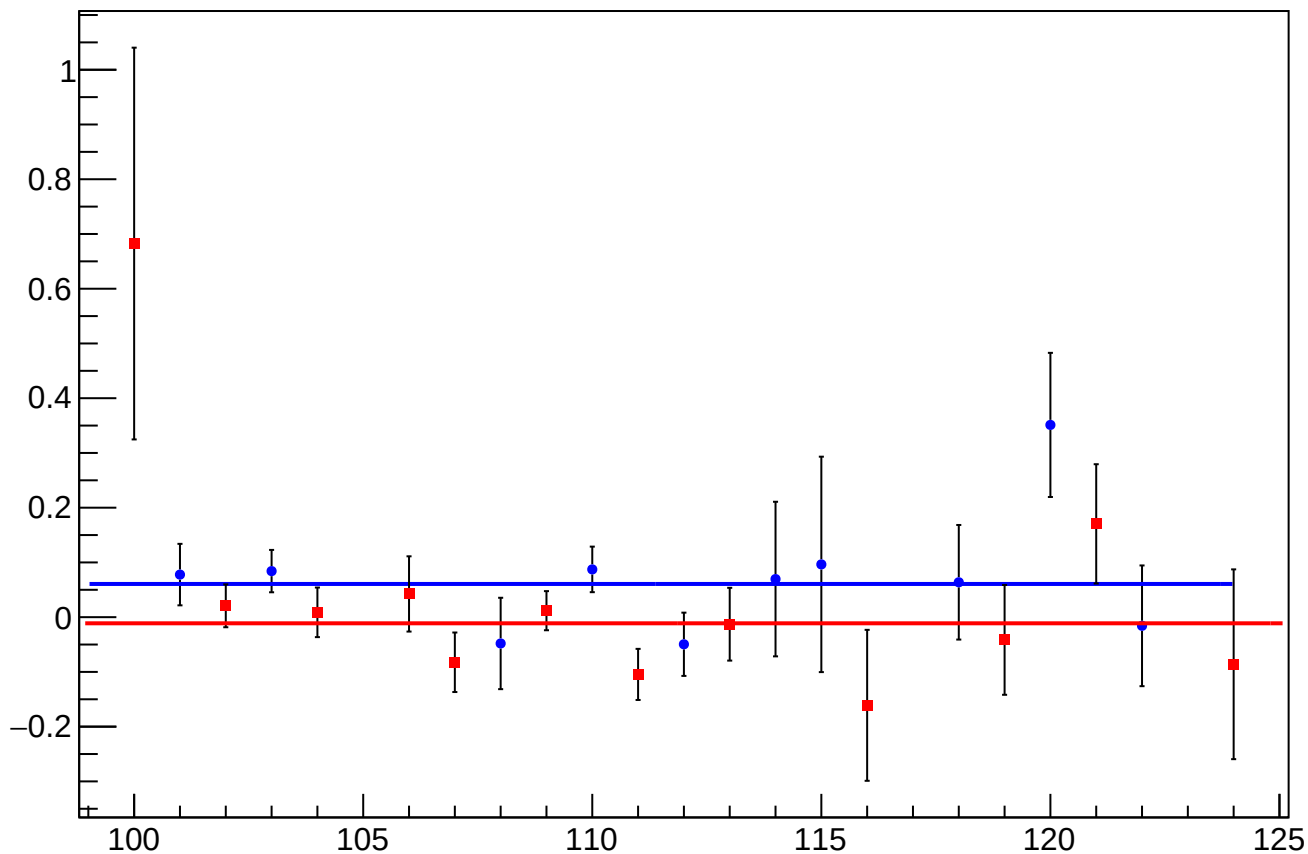
Right: 0.001+/-0.000 χ^2/NDF : 1103300.1/21

In: 0.002+/-0.000 χ^2/NDF : 285236.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1103300.1/21

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061+/-0.021 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.017 χ^2/NDF : 15.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

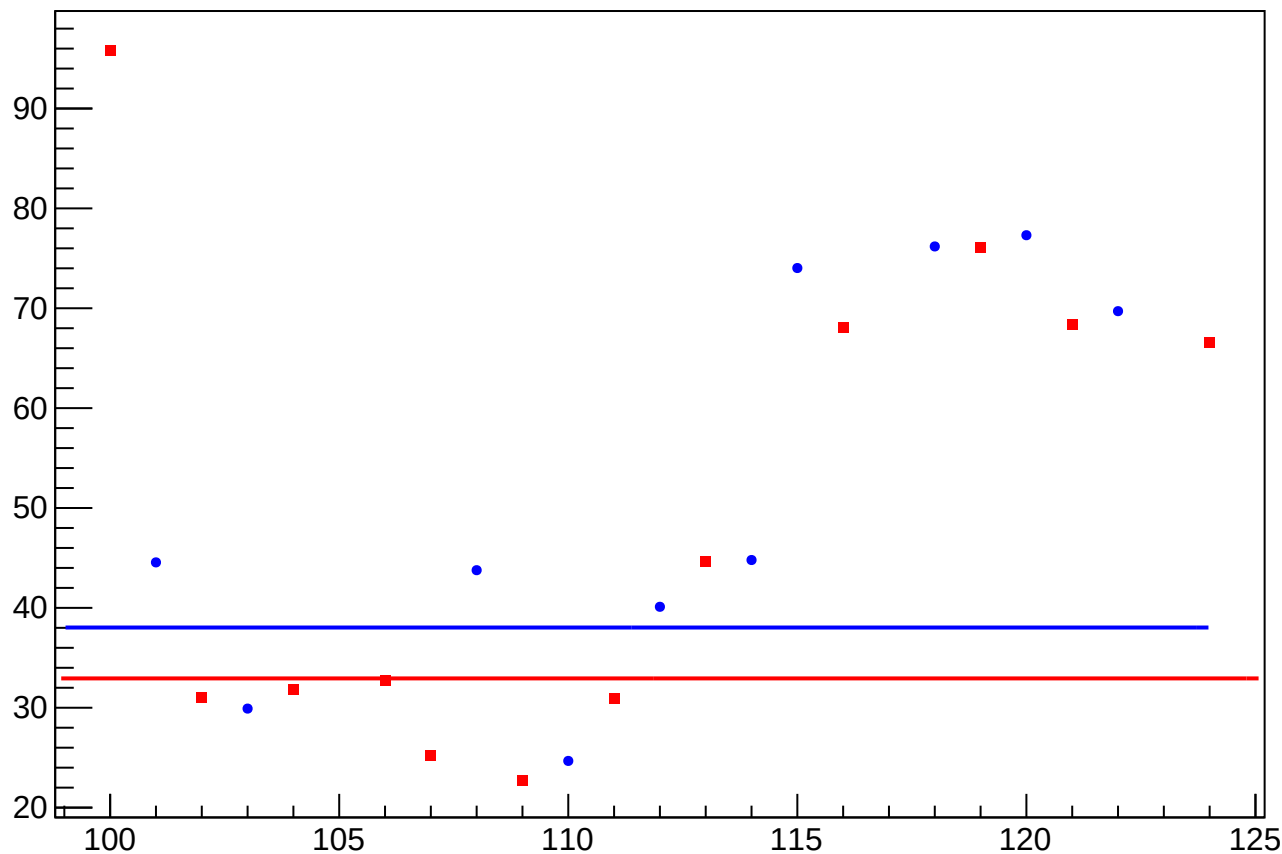
Right: 0.018+/-0.013 χ^2/NDF : 34.3/21

In: 0.061+/-0.021 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.013 χ^2/NDF : 34.3/21

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.033+/-0.015 χ^2/NDF : 1013541.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.937+/-0.012 χ^2/NDF : 1124455.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

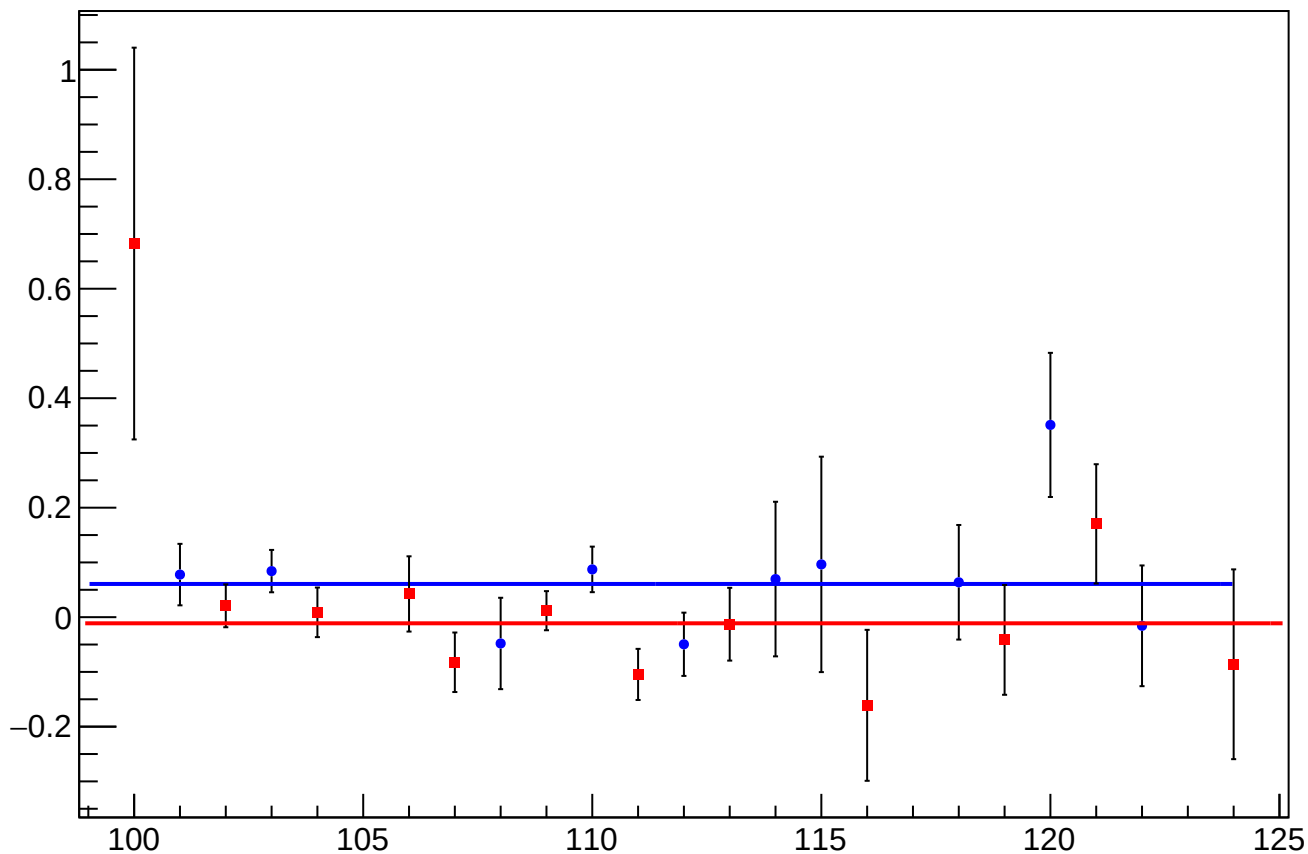
Right: 34.987+/-0.009 χ^2/NDF : 2209787.7/21

In: 38.033+/-0.015 χ^2/NDF :1013541.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.987+/-0.009 χ^2/NDF : 2209787.7/21

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061+/-0.021 χ^2/NDF : 11.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.017 χ^2/NDF : 15.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

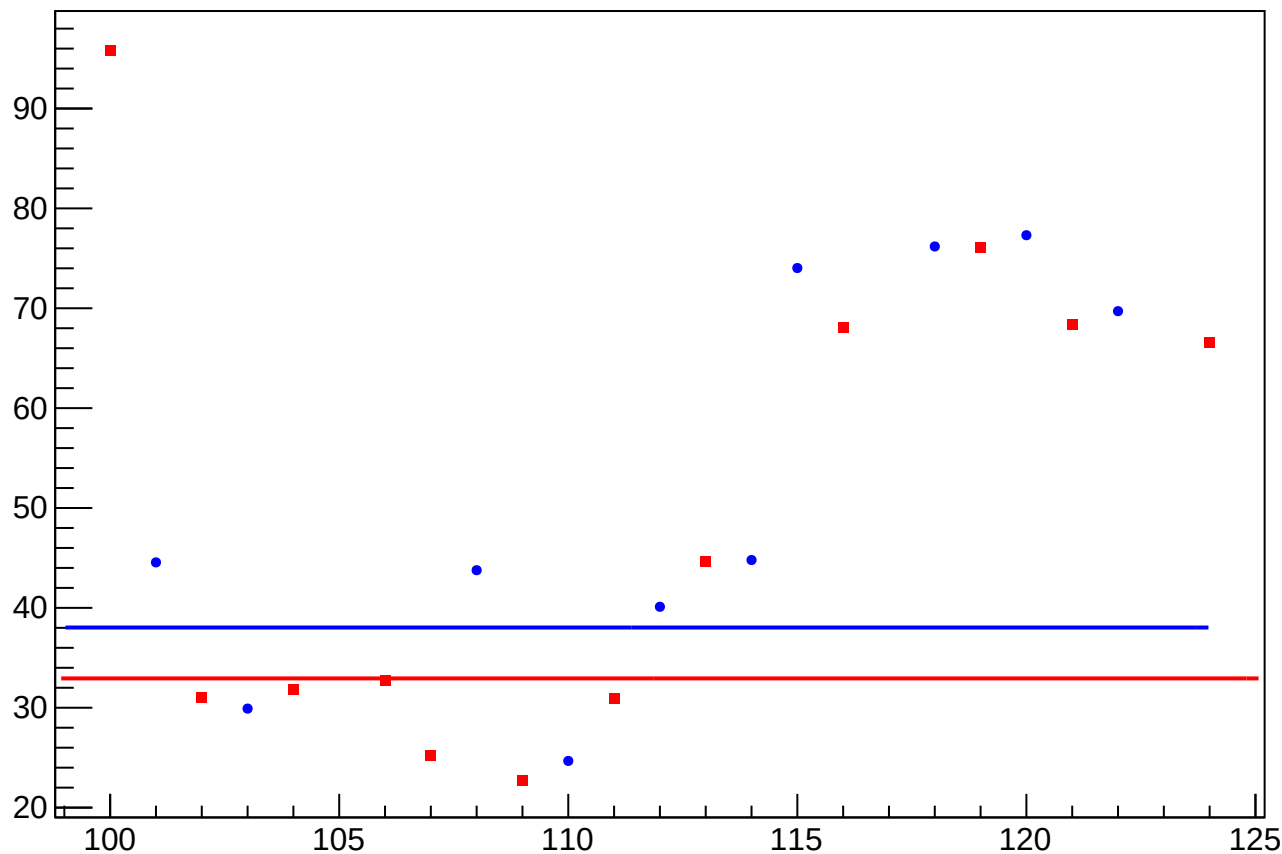
Right: 0.018+/-0.013 χ^2/NDF : 34.3/21

In: 0.061+/-0.021 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.013 χ^2/NDF : 34.3/21

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.033+/-0.015 χ^2/NDF : 1013541.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 32.937+/-0.012 χ^2/NDF : 1124455.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

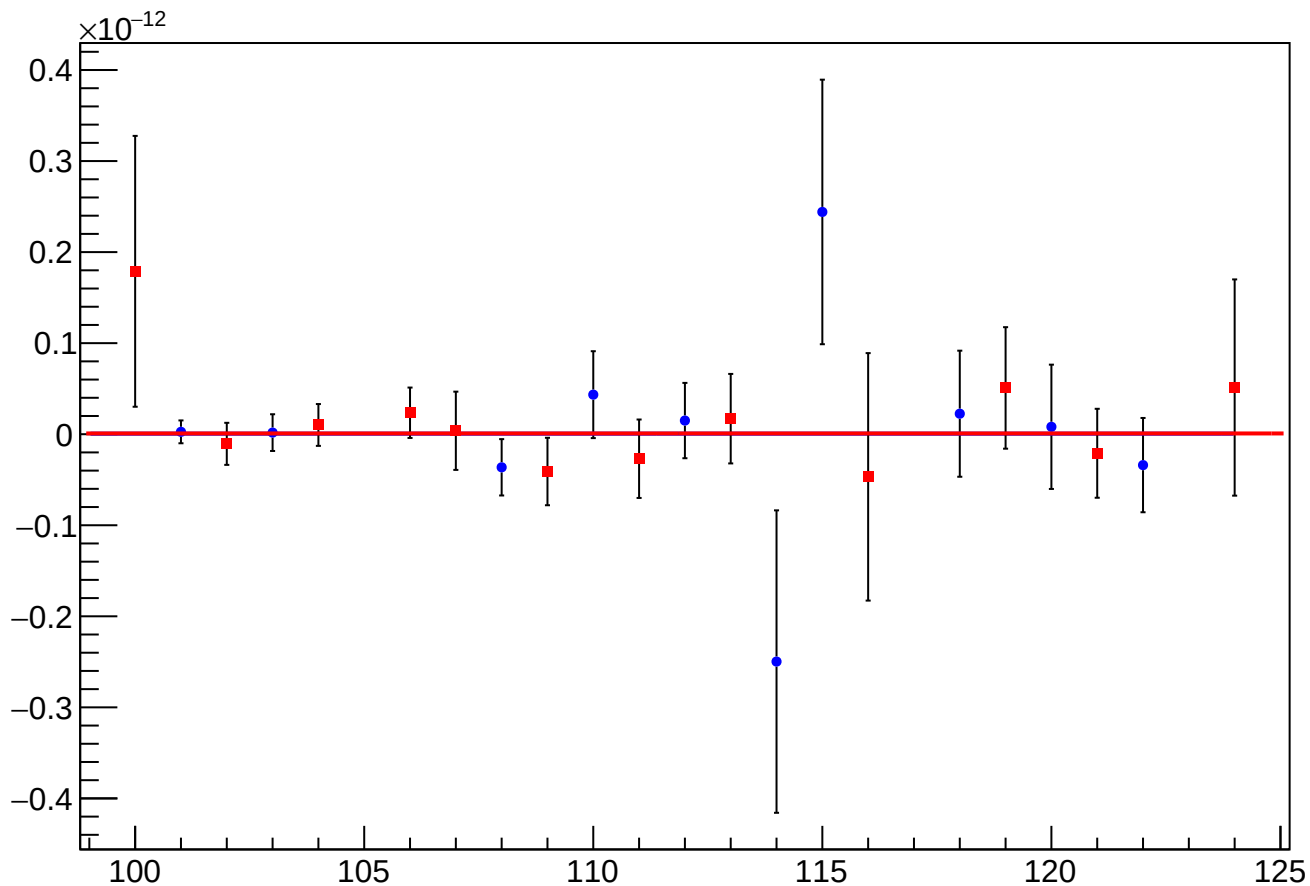
Right: 34.987+/-0.009 χ^2/NDF : 2209787.7/21

In: 38.033+/-0.015 χ^2/NDF :1013541.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.987+/-0.009 χ^2/NDF : 2209787.7/21

asym_sam6_eigen_cor_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 : 5.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

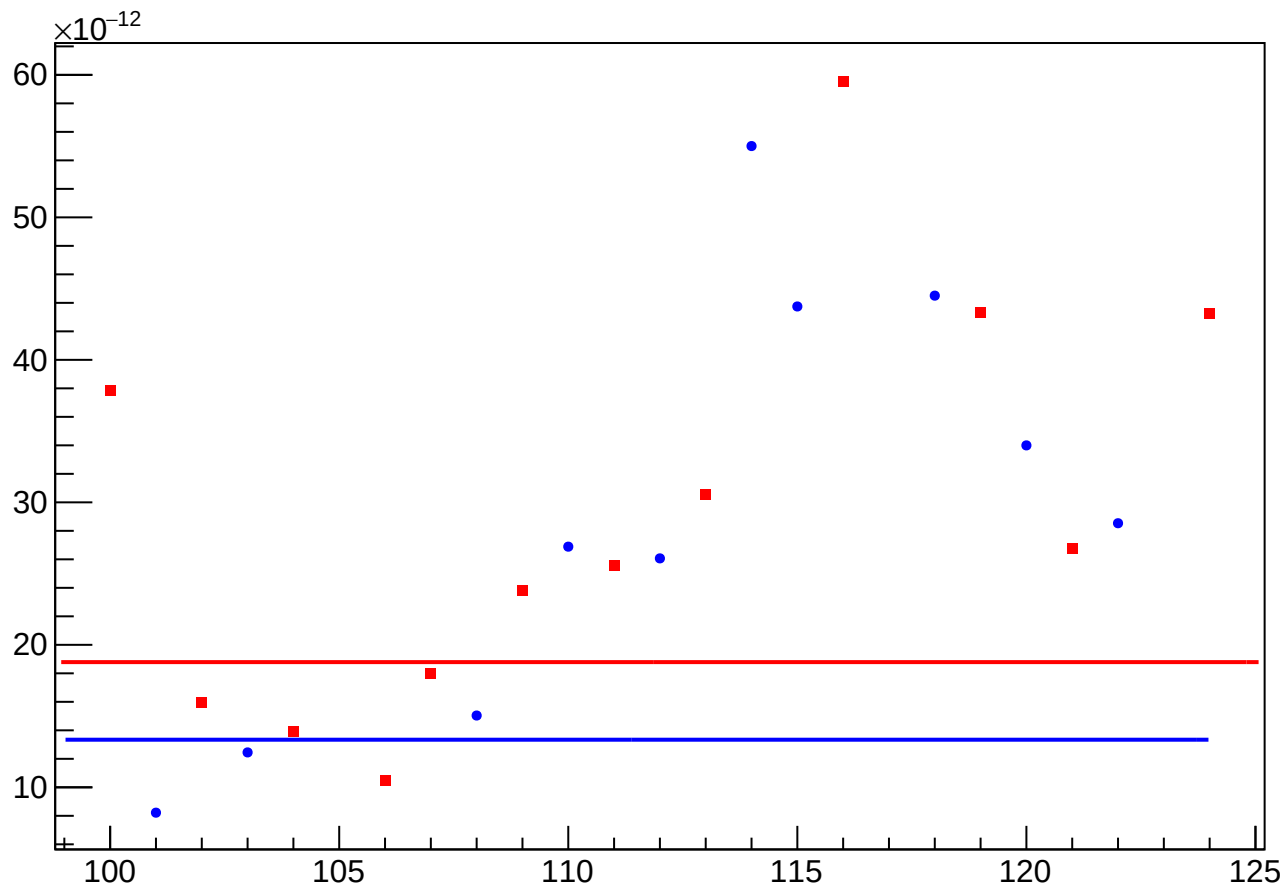
Right: 0.000+/-0.000 χ^2/NDF : 13.4/21

In: 0.000+/-0.000 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/21

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1667457.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1123481.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

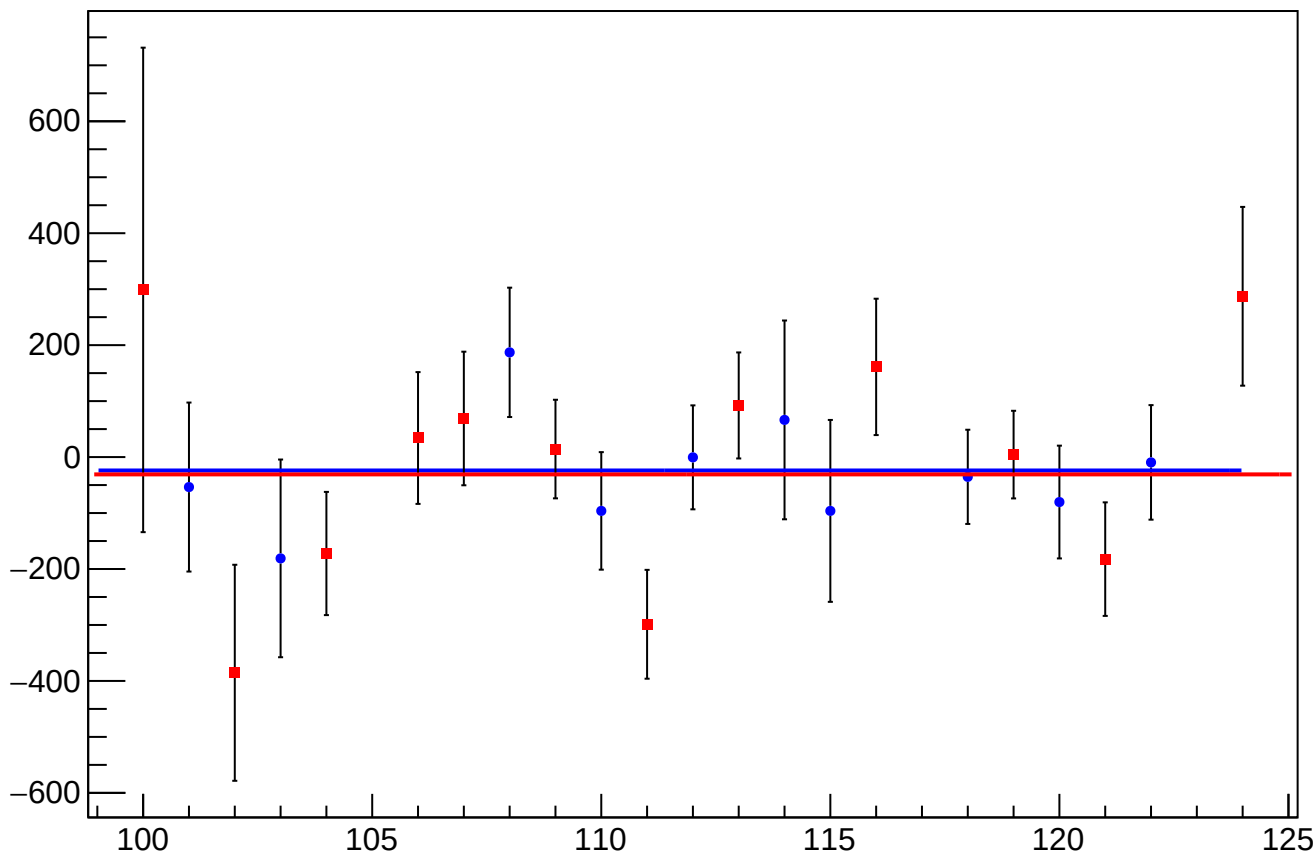
Right: 0.000+/-0.000 χ^2/NDF : 3075644.6/21

In: 0.000+/-0.000 χ^2/NDF : 1667457.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3075644.6/21

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -23.965 ± 36.223 χ^2/NDF : 5.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.939 ± 32.106 χ^2/NDF : 25.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

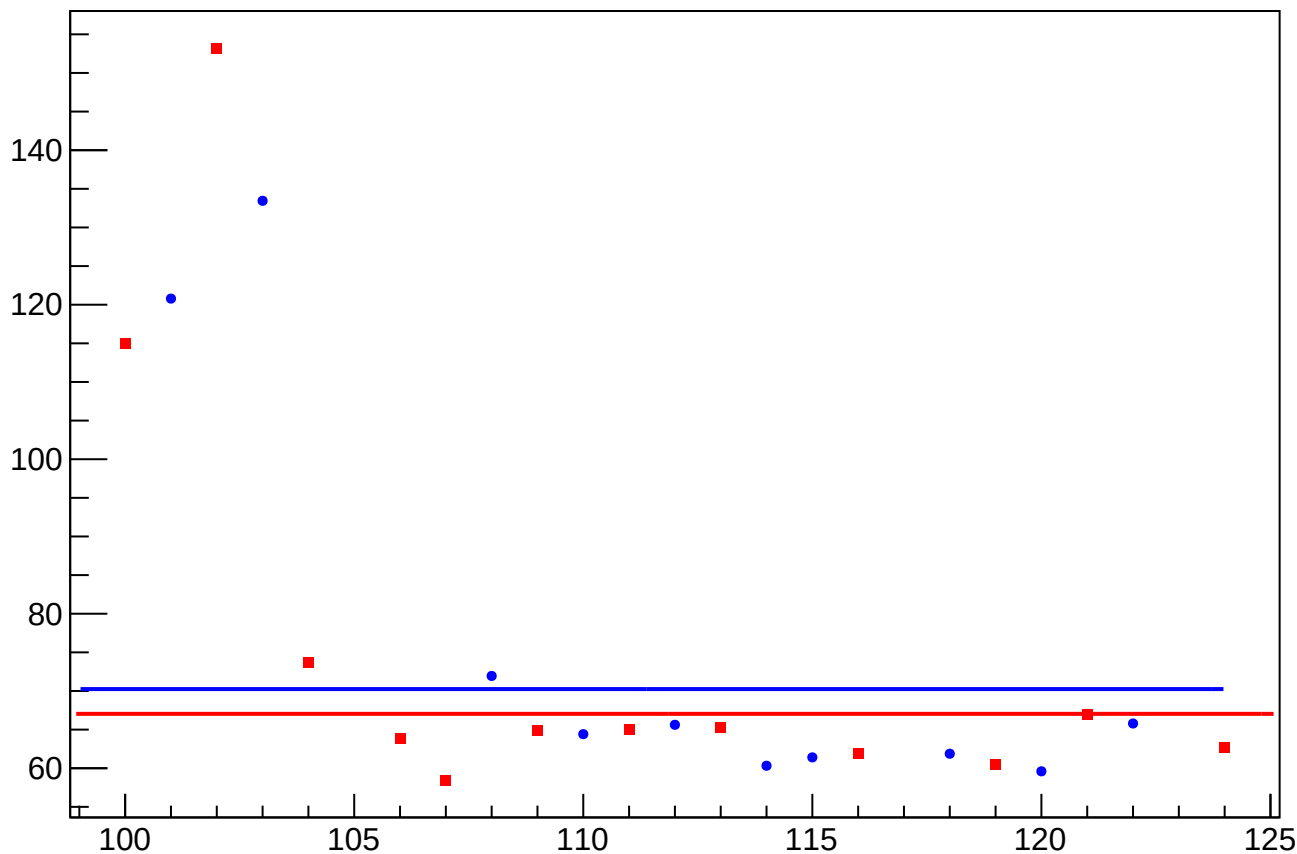
Right: -27.871 ± 24.027 χ^2/NDF : 30.6/21

In: -23.965 ± 36.223 χ^2/NDF : 5.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.871 ± 24.027 χ^2/NDF : 30.6/21

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.247 $\pm$ 0.026 χ^2 /NDF: 549861.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.039 $\pm$ 0.023 χ^2 /NDF: 463457.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

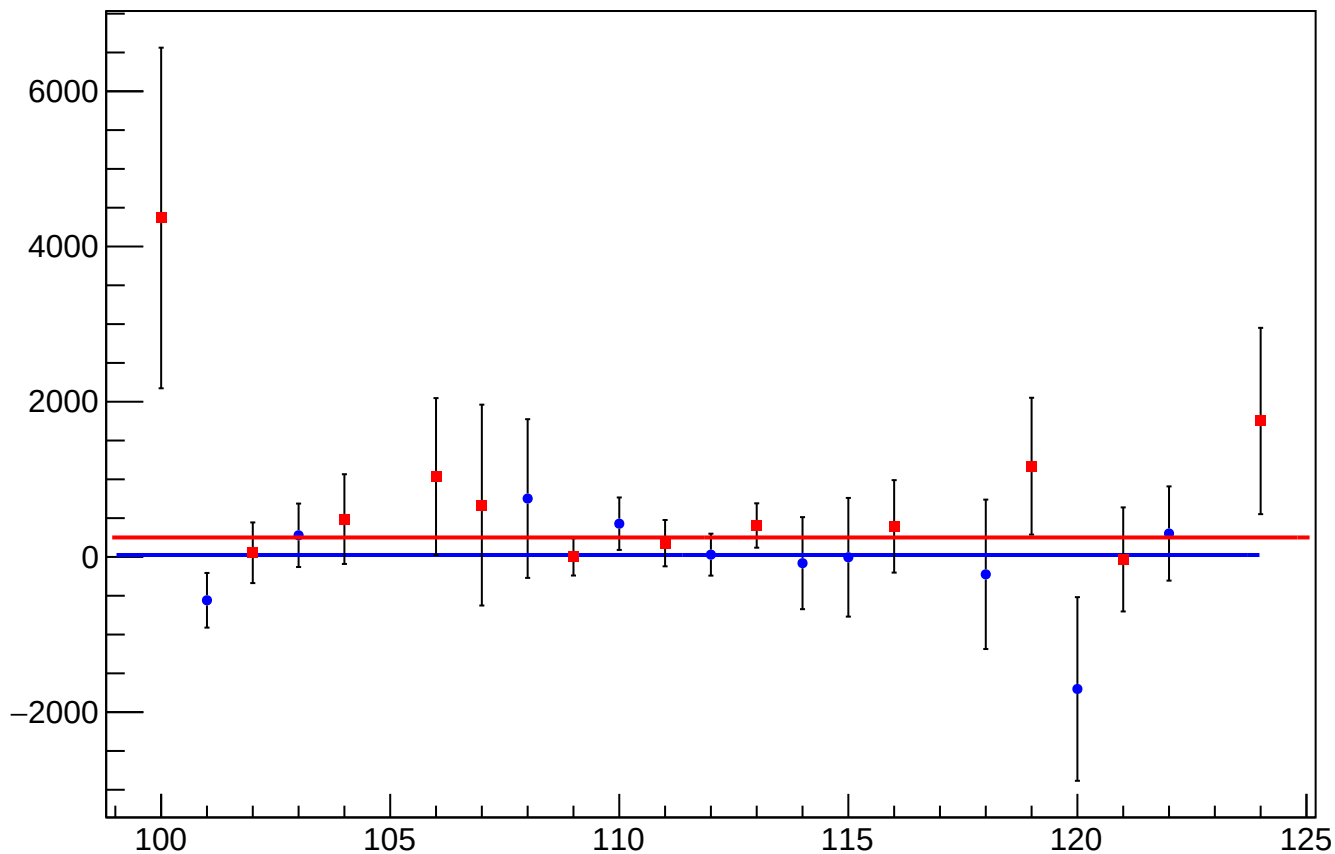
Right: 68.451 $\pm$ 0.017 χ^2 /NDF: 1022103.1/21

In: 70.247 $\pm$ 0.026 χ^2 /NDF: 549861.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.451 $\pm$ 0.017 χ^2 /NDF: 1022103.1/21

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 25.035 $\pm$ 146.614 χ^2 /NDF: 7.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 250.941 $\pm$ 130.018 χ^2 /NDF: 9.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

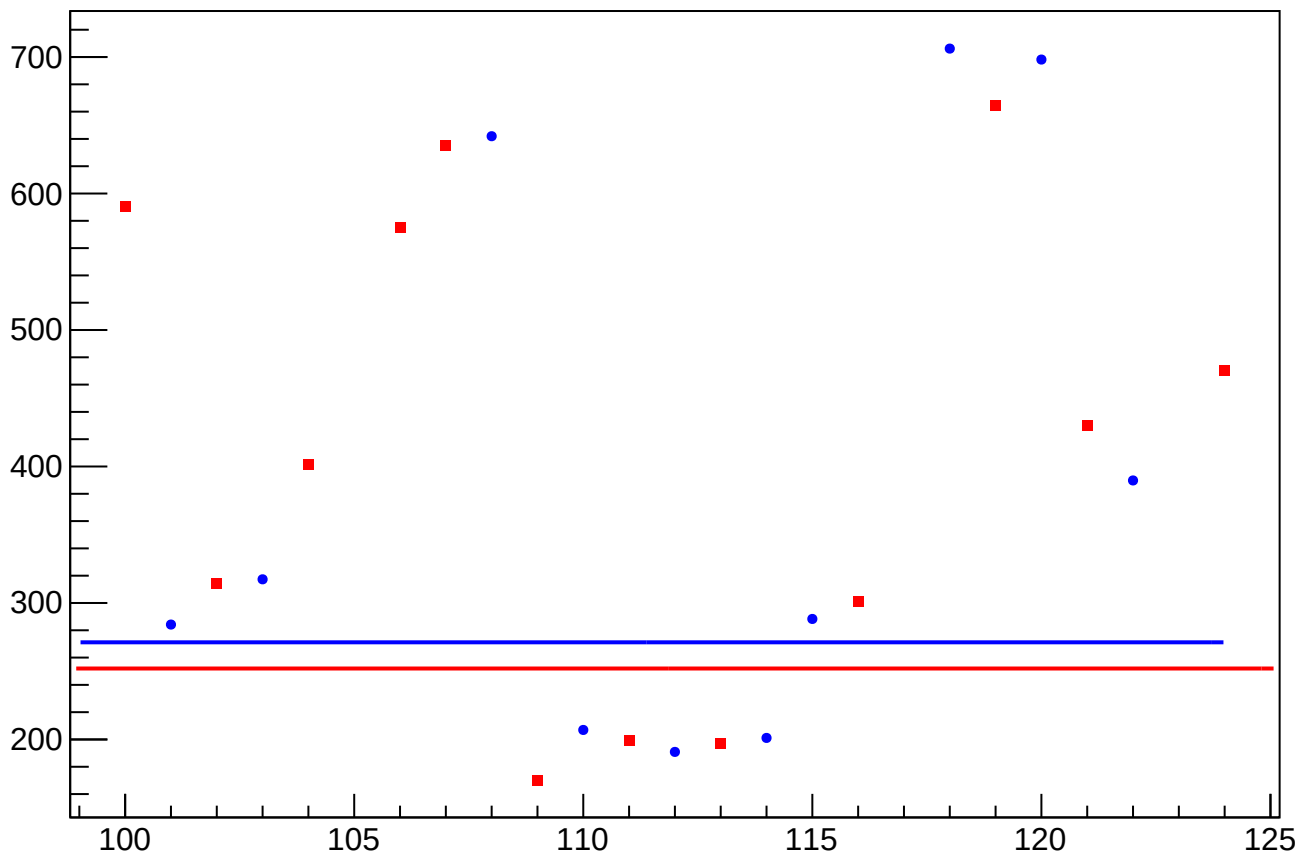
Right: 151.492 $\pm$ 97.278 χ^2 /NDF: 17.8/21

In: 25.035 $\pm$ 146.614 χ^2 /NDF:7.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.492 $\pm$ 97.278 χ^2 /NDF: 17.8/21

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 271.181+/-0.104 χ^2/NDF : 1314141.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 251.990+/-0.092 χ^2/NDF : 1640705.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

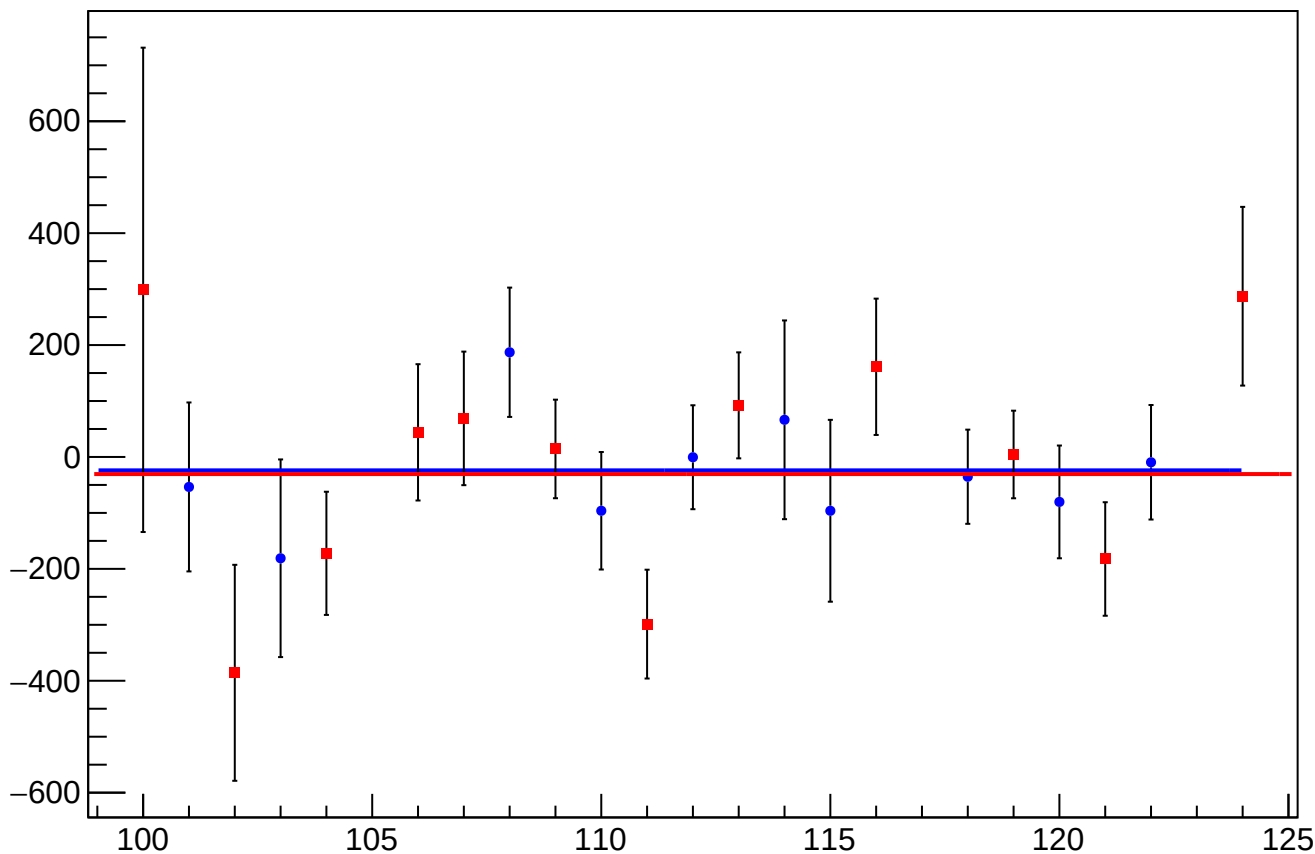
Right: 260.438+/-0.069 χ^2/NDF : 2974026.5/21

In: 271.181+/-0.104 χ^2/NDF : 1314141.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.438+/-0.069 χ^2/NDF : 2974026.5/21

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -23.967 $\pm$ 36.223 χ^2 /NDF: 5.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.570 $\pm$ 32.185 χ^2 /NDF: 25.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

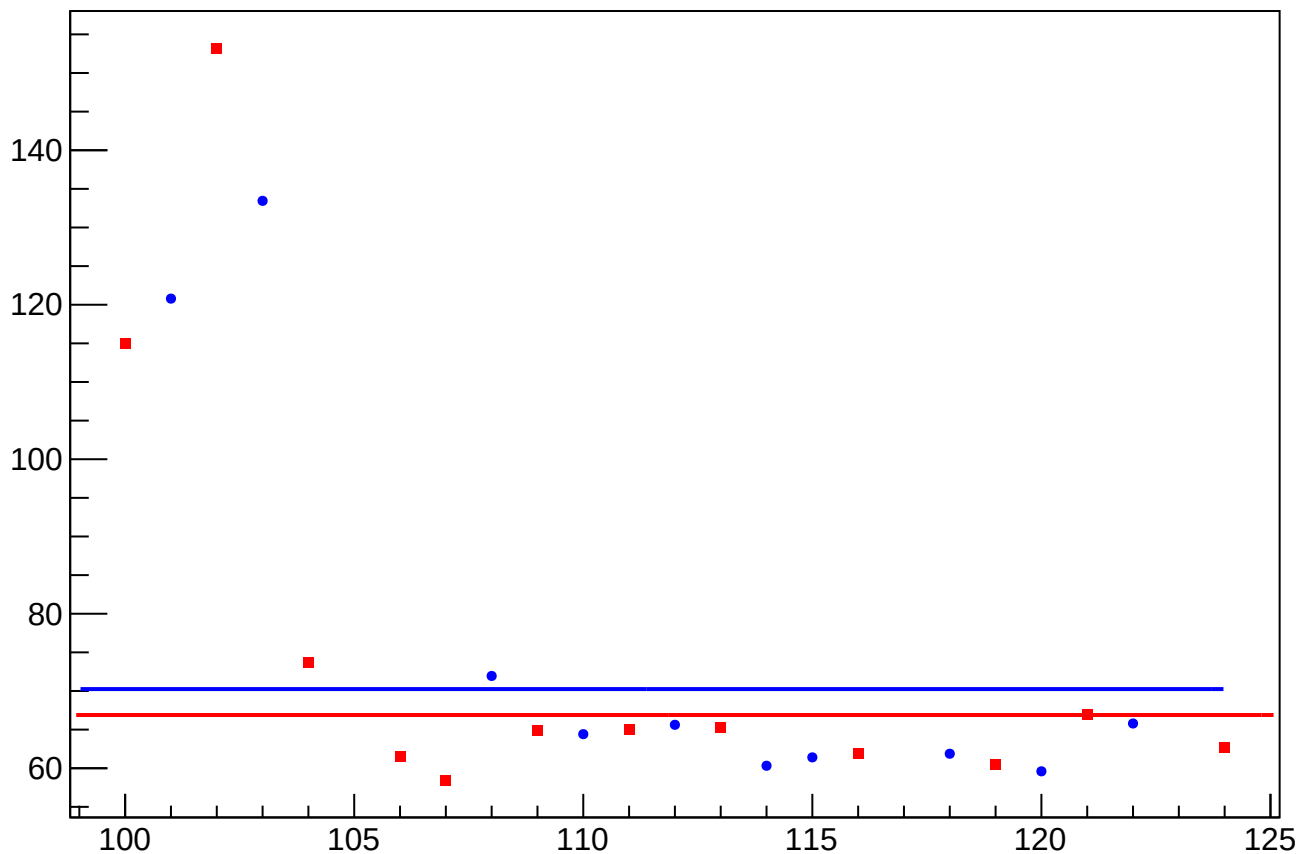
Right: -27.657 $\pm$ 24.060 χ^2 /NDF: 30.6/21

In: -23.967 $\pm$ 36.223 χ^2 /NDF:5.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.657 $\pm$ 24.060 χ^2 /NDF: 30.6/21

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.247+/-0.026 χ^2/NDF : 549862.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.890+/-0.023 χ^2/NDF : 466086.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

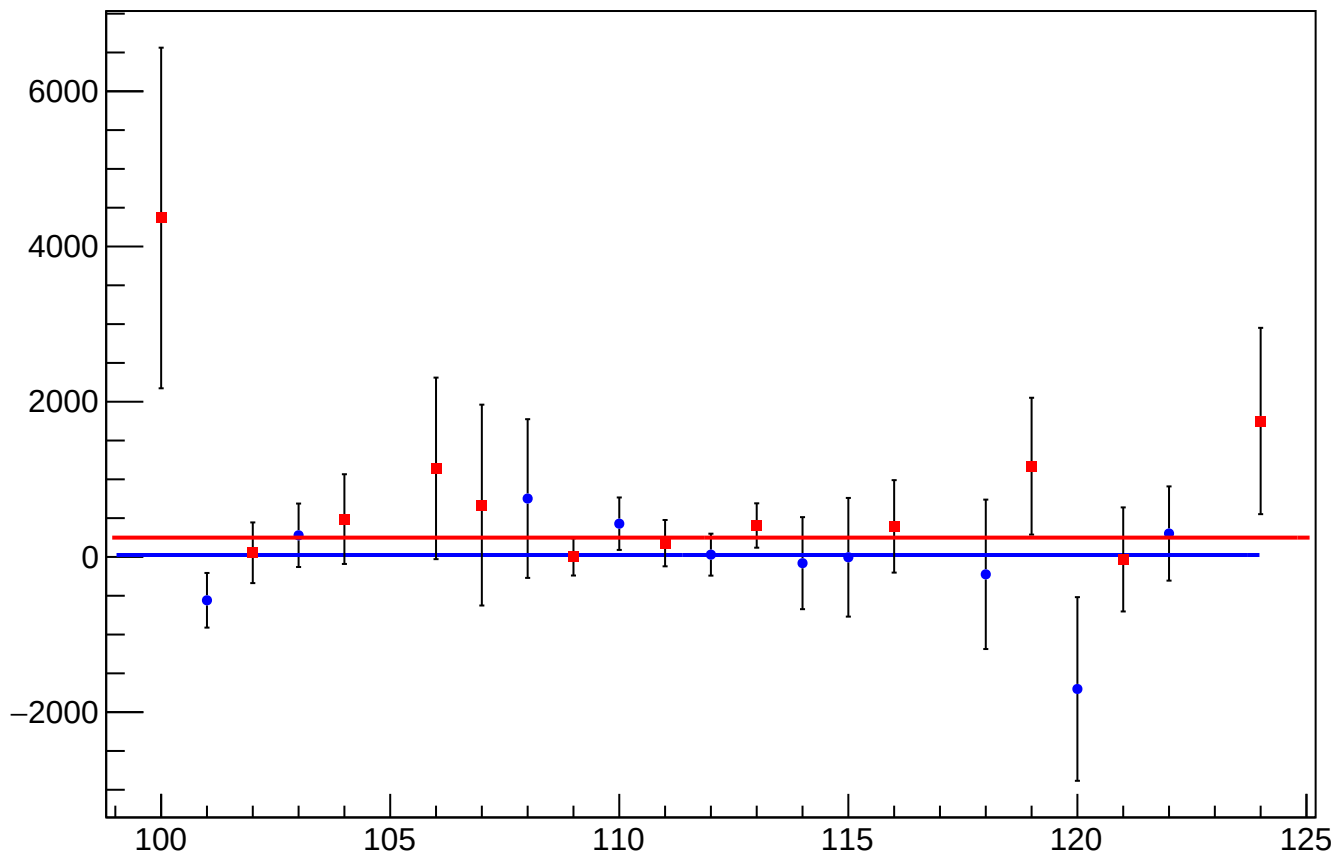
Right: 68.371+/-0.017 χ^2/NDF : 1025549.7/21

In: 70.247+/-0.026 χ^2/NDF : 549862.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.371+/-0.017 χ^2/NDF : 1025549.7/21

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 25.041 $\pm$ 146.615 χ^2 /NDF: 7.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 248.982 $\pm$ 130.297 χ^2 /NDF: 8.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

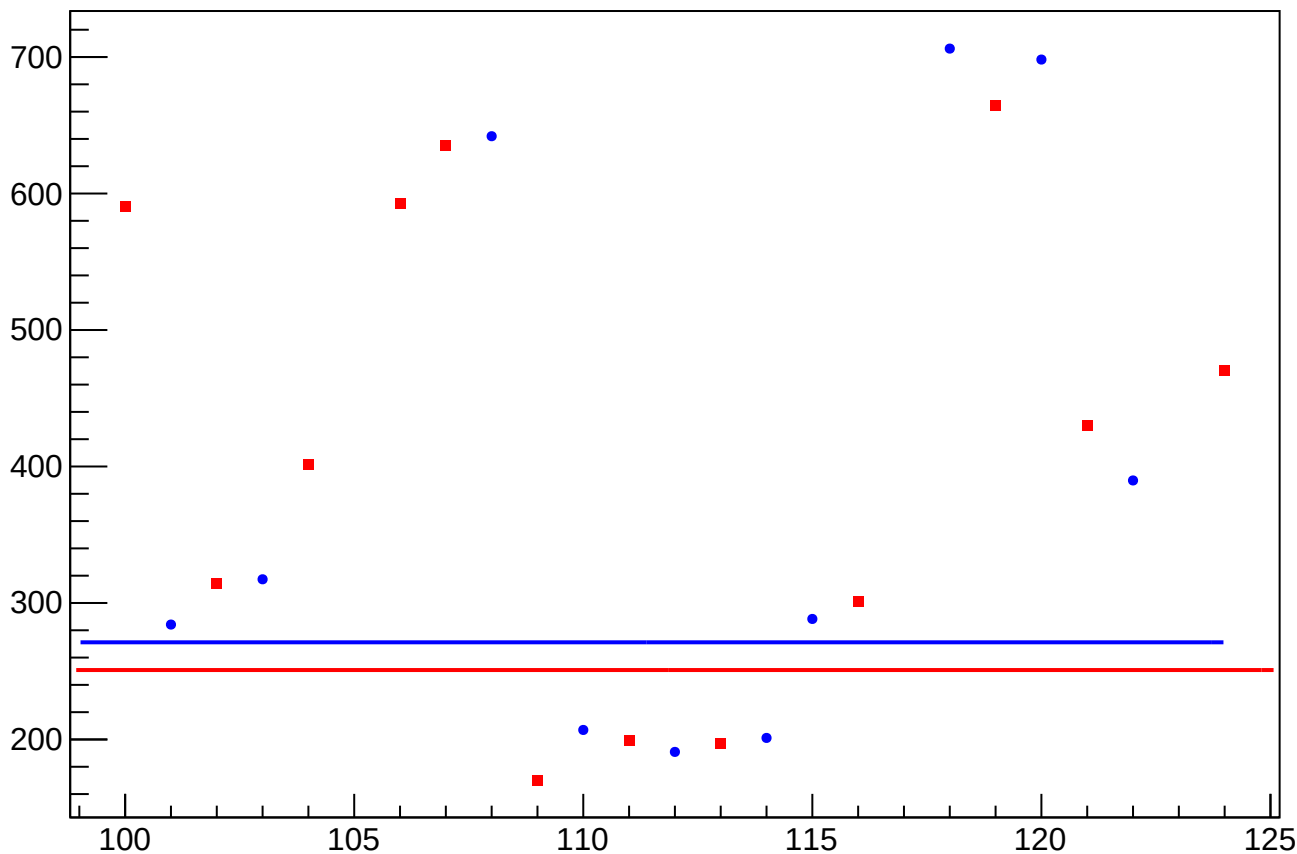
Right: 150.163 $\pm$ 97.394 χ^2 /NDF: 17.7/21

In: 25.041 $\pm$ 146.615 χ^2 /NDF:7.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.163 $\pm$ 97.394 χ^2 /NDF: 17.7/21

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 271.183+/-0.104 χ^2/NDF : 1314162.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 250.870+/-0.092 χ^2/NDF : 1606624.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

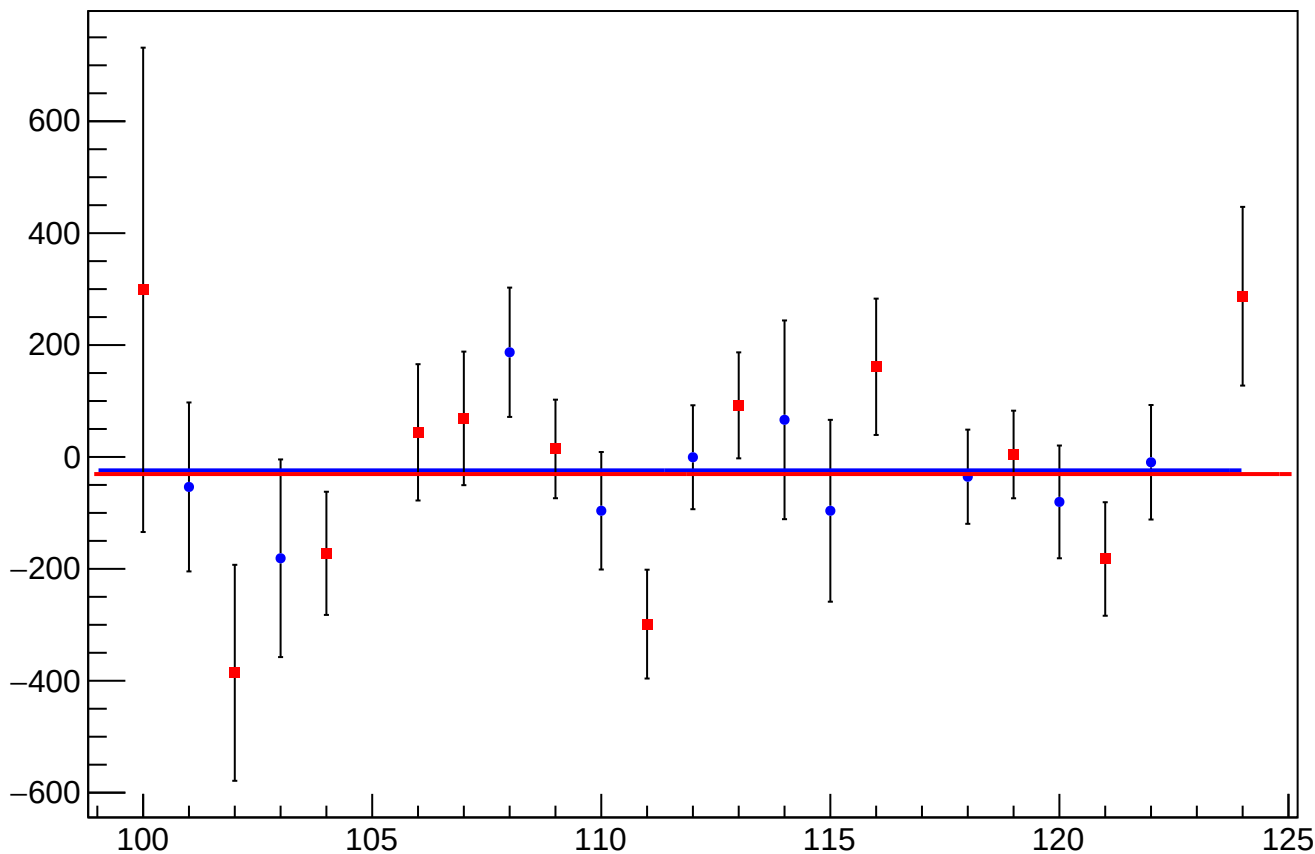
Right: 259.833+/-0.069 χ^2/NDF : 2942235.4/21

In: 271.183+/-0.104 χ^2/NDF :1314162.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 259.833+/-0.069 χ^2/NDF : 2942235.4/21

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -23.967+/-36.223 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.570+/-32.185 χ^2/NDF : 25.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

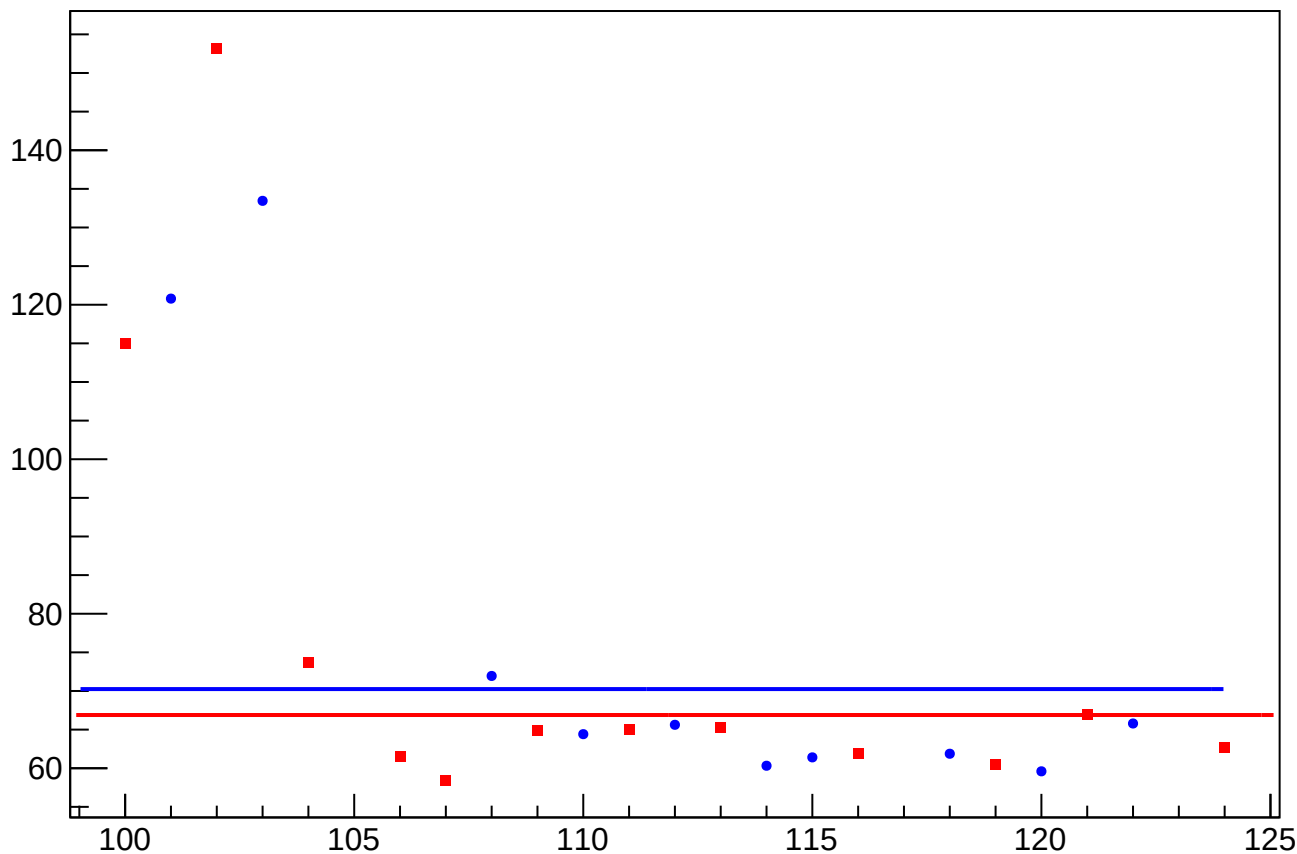
Right: -27.657+/-24.060 χ^2/NDF : 30.6/21

In: -23.967+/-36.223 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.657+/-24.060 χ^2/NDF : 30.6/21

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.247+/-0.026 χ^2/NDF : 549862.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.890+/-0.023 χ^2/NDF : 466086.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

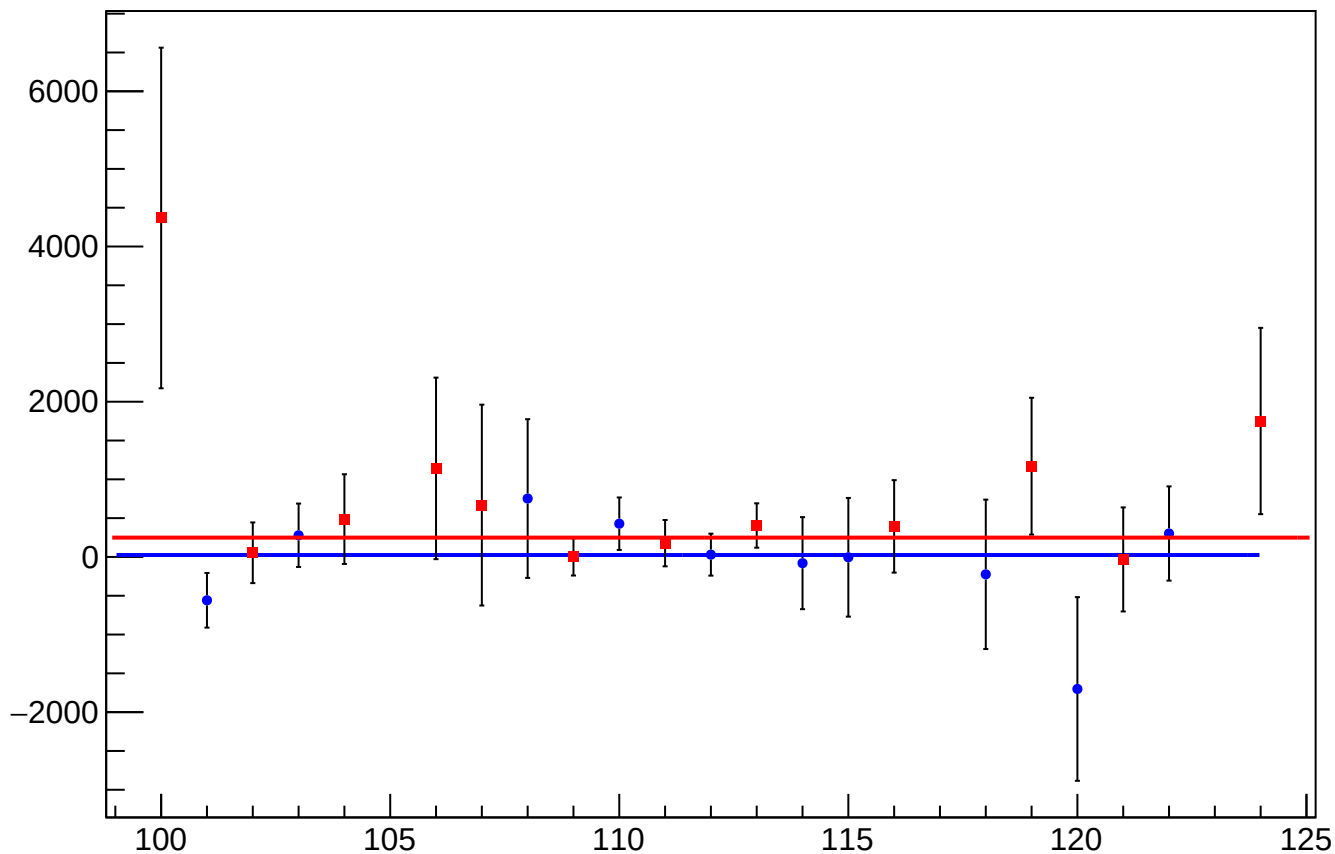
Right: 68.371+/-0.017 χ^2/NDF : 1025549.7/21

In: 70.247+/-0.026 χ^2/NDF : 549862.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.371+/-0.017 χ^2/NDF : 1025549.7/21

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 25.041+/-146.615 χ^2/NDF : 7.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 248.982+/-130.297 χ^2/NDF : 8.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

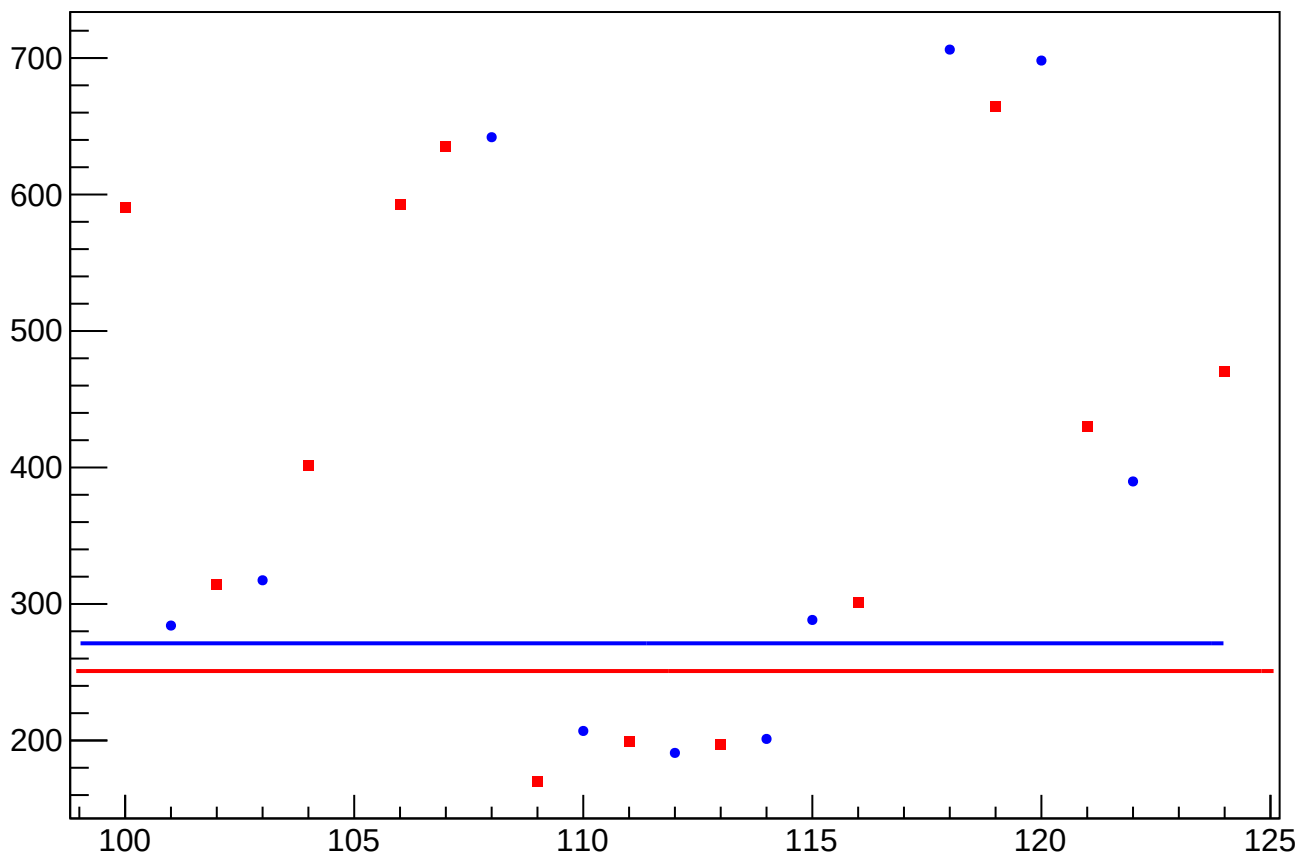
Right: 150.163+/-97.394 χ^2/NDF : 17.7/21

In: 25.041+/-146.615 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.163+/-97.394 χ^2/NDF : 17.7/21

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 271.183+/-0.104 χ^2/NDF : 1314162.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 250.870+/-0.092 χ^2/NDF : 1606624.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

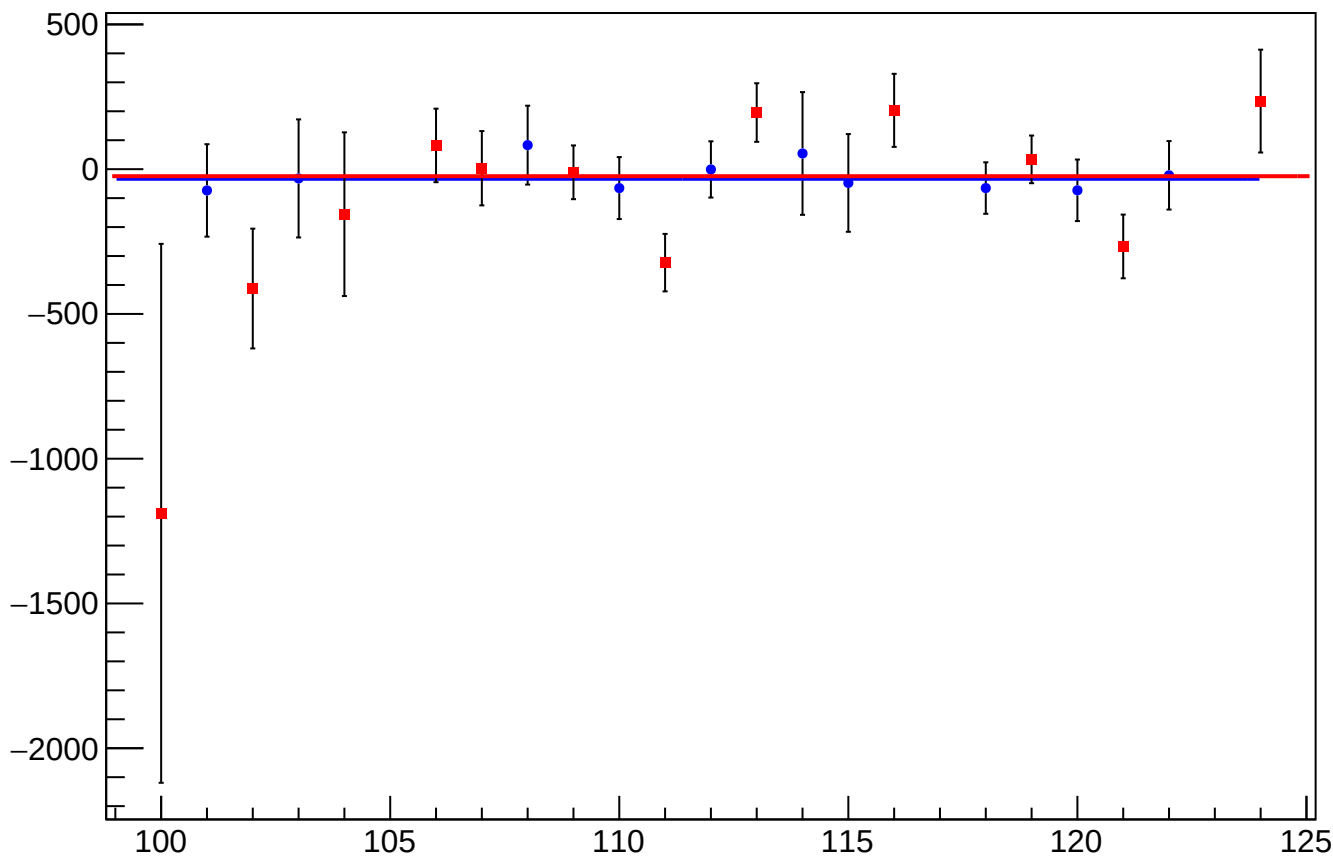
Right: 259.833+/-0.069 χ^2/NDF : 2942235.4/21

In: 271.183+/-0.104 χ^2/NDF : 1314162.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.833+/-0.069 χ^2/NDF : 2942235.4/21

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -33.116 ± 39.093 χ^2/NDF : 1.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.258 ± 35.363 χ^2/NDF : 30.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

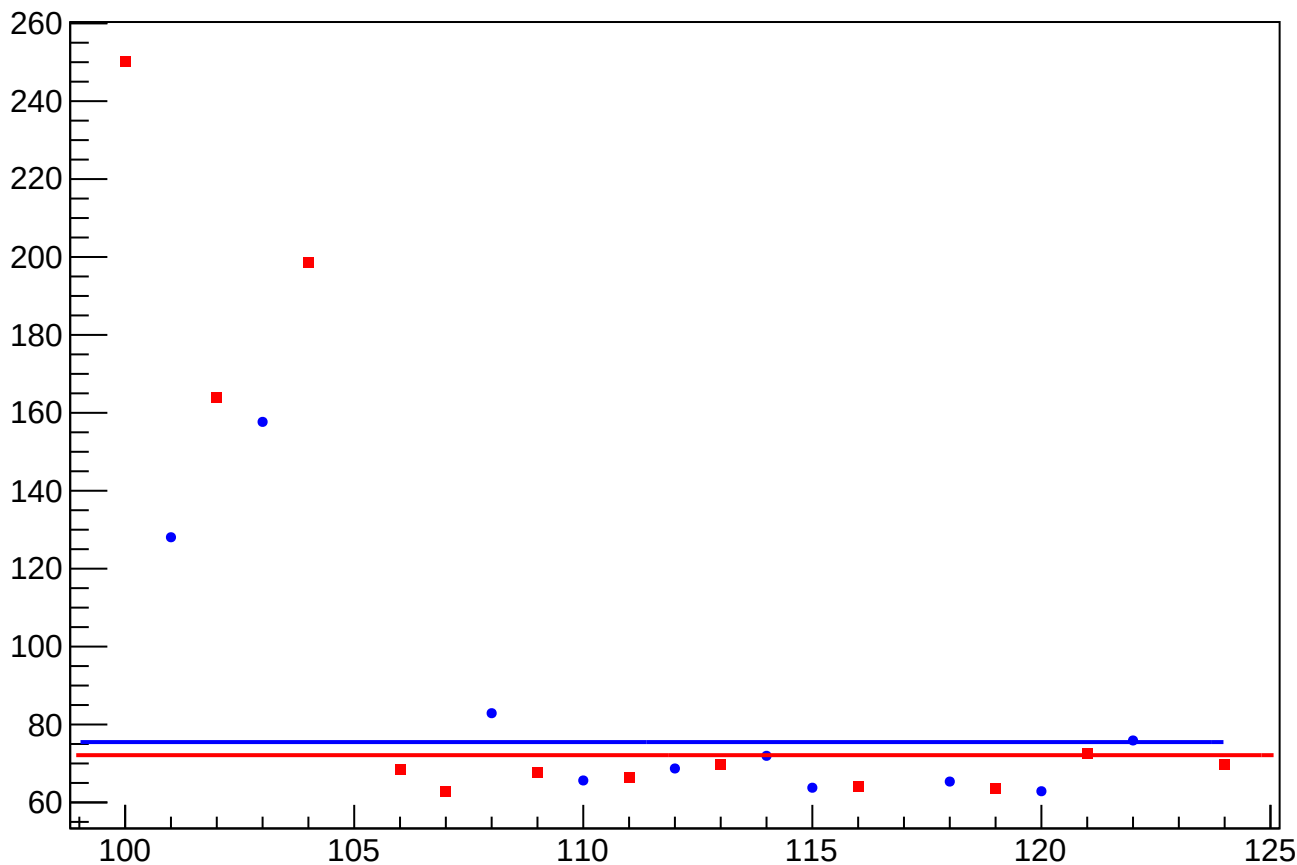
Right: -28.244 ± 26.225 χ^2/NDF : 32.1/21

In: -33.116 ± 39.093 χ^2/NDF : 1.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.244 ± 26.225 χ^2/NDF : 32.1/21

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 75.488+/-0.028 χ^2/NDF : 638573.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.129+/-0.025 χ^2/NDF : 922347.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

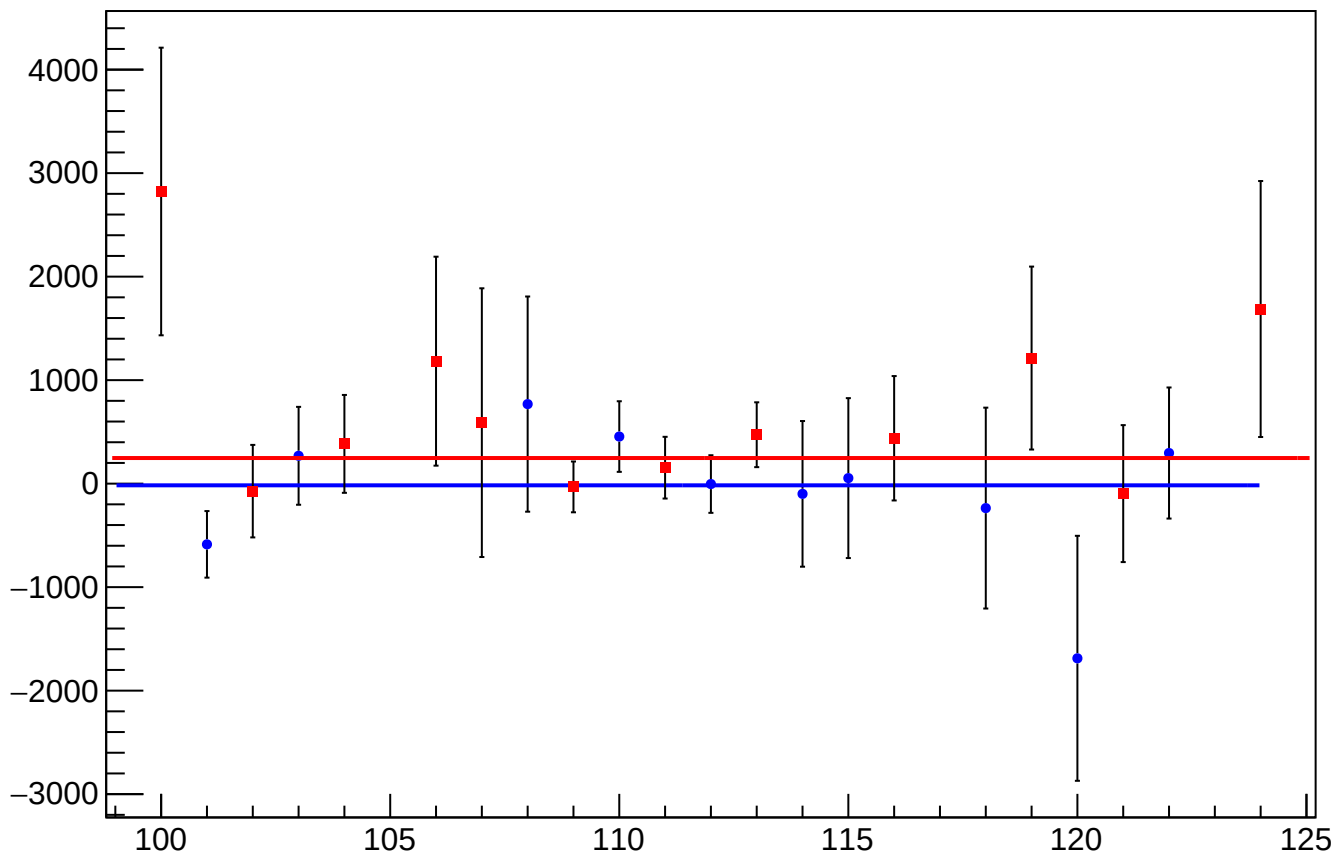
Right: 73.641+/-0.019 χ^2/NDF : 1569040.5/21

In: 75.488+/-0.028 χ^2/NDF : 638573.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.641+/-0.019 χ^2/NDF : 1569040.5/21

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -16.276+/-149.843 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 247.448+/-132.920 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

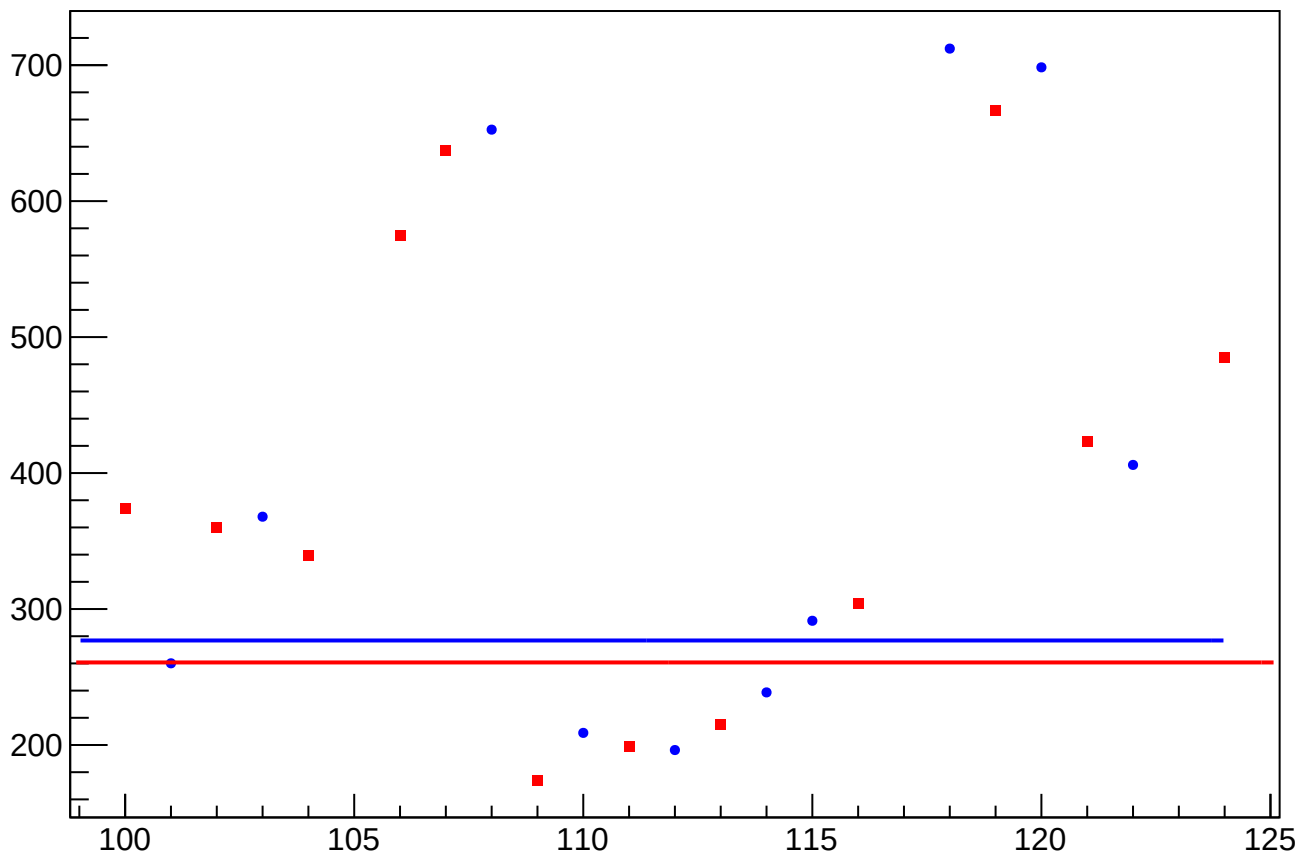
Right: 131.314+/-99.436 χ^2/NDF : 19.8/21

In: -16.276+/-149.843 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.314+/-99.436 χ^2/NDF : 19.8/21

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 276.871+/-0.106 χ^2/NDF : 1333777.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.713+/-0.094 χ^2/NDF : 1525123.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

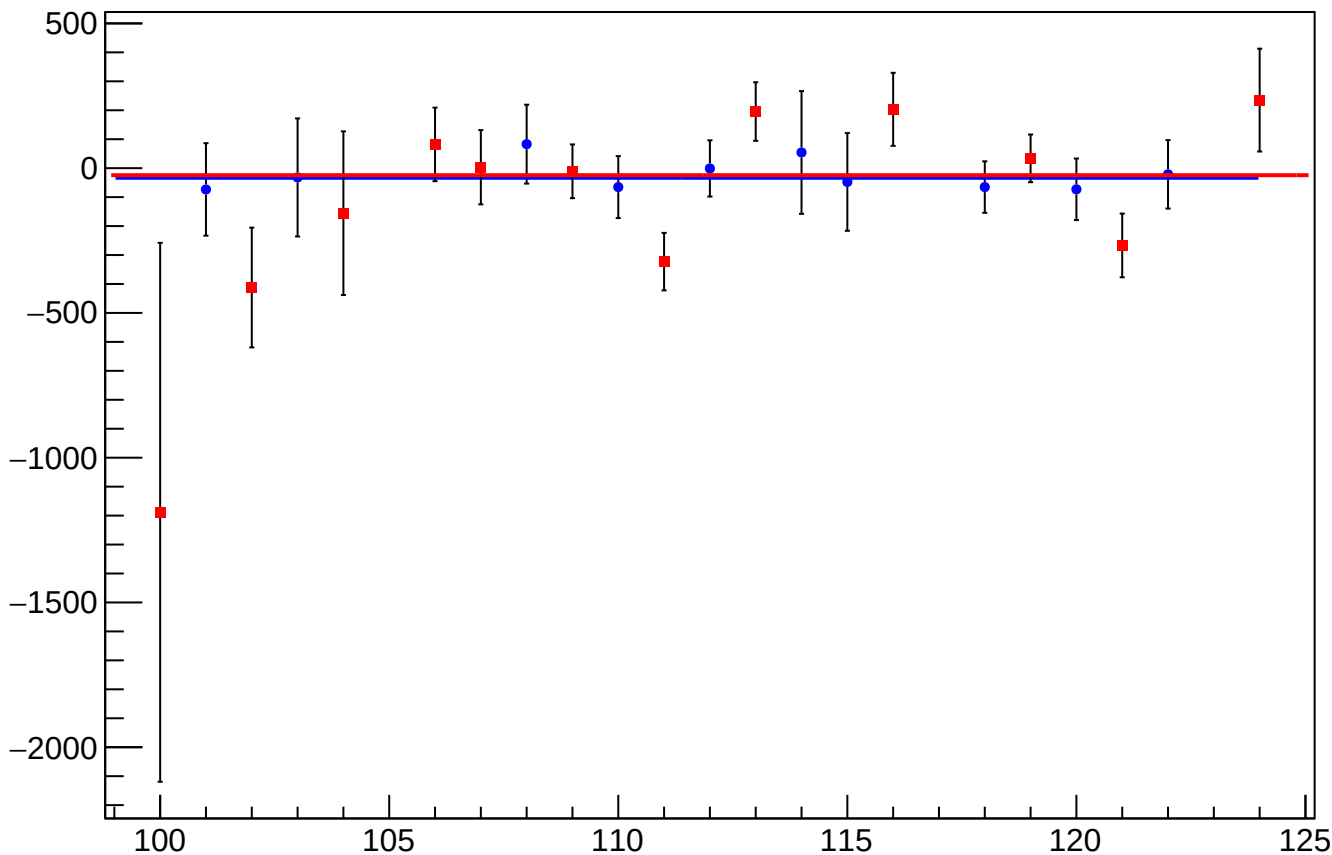
Right: 267.829+/-0.070 χ^2/NDF : 2871914.6/21

In: 276.871+/-0.106 χ^2/NDF : 1333777.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.829+/-0.070 χ^2/NDF : 2871914.6/21

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -33.115+/-39.093 χ^2/NDF : 1.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.259+/-35.362 χ^2/NDF : 30.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

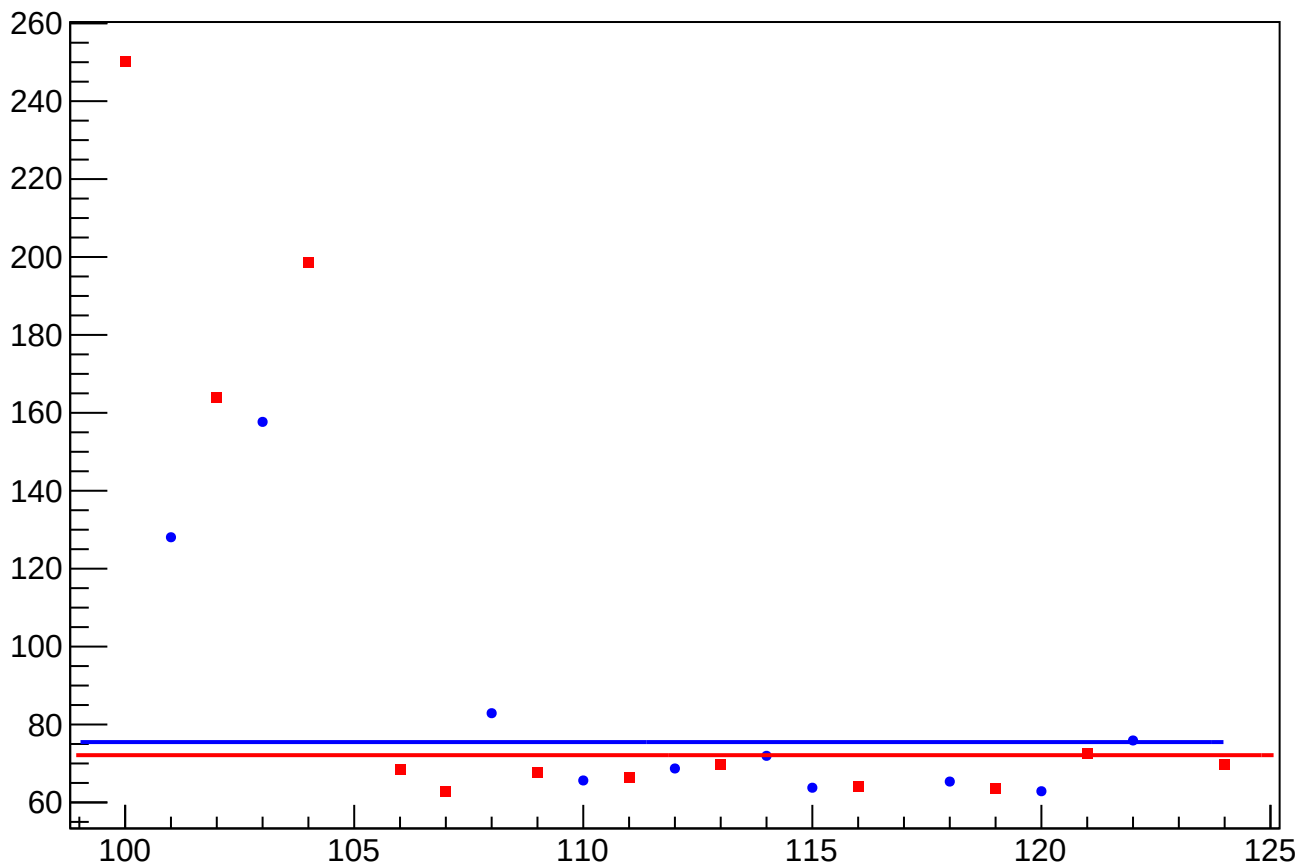
Right: -28.245+/-26.225 χ^2/NDF : 32.1/21

In: -33.115+/-39.093 χ^2/NDF : 1.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.245+/-26.225 χ^2/NDF : 32.1/21

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 75.488+/-0.028 χ^2/NDF : 638575.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.129+/-0.025 χ^2/NDF : 922347.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

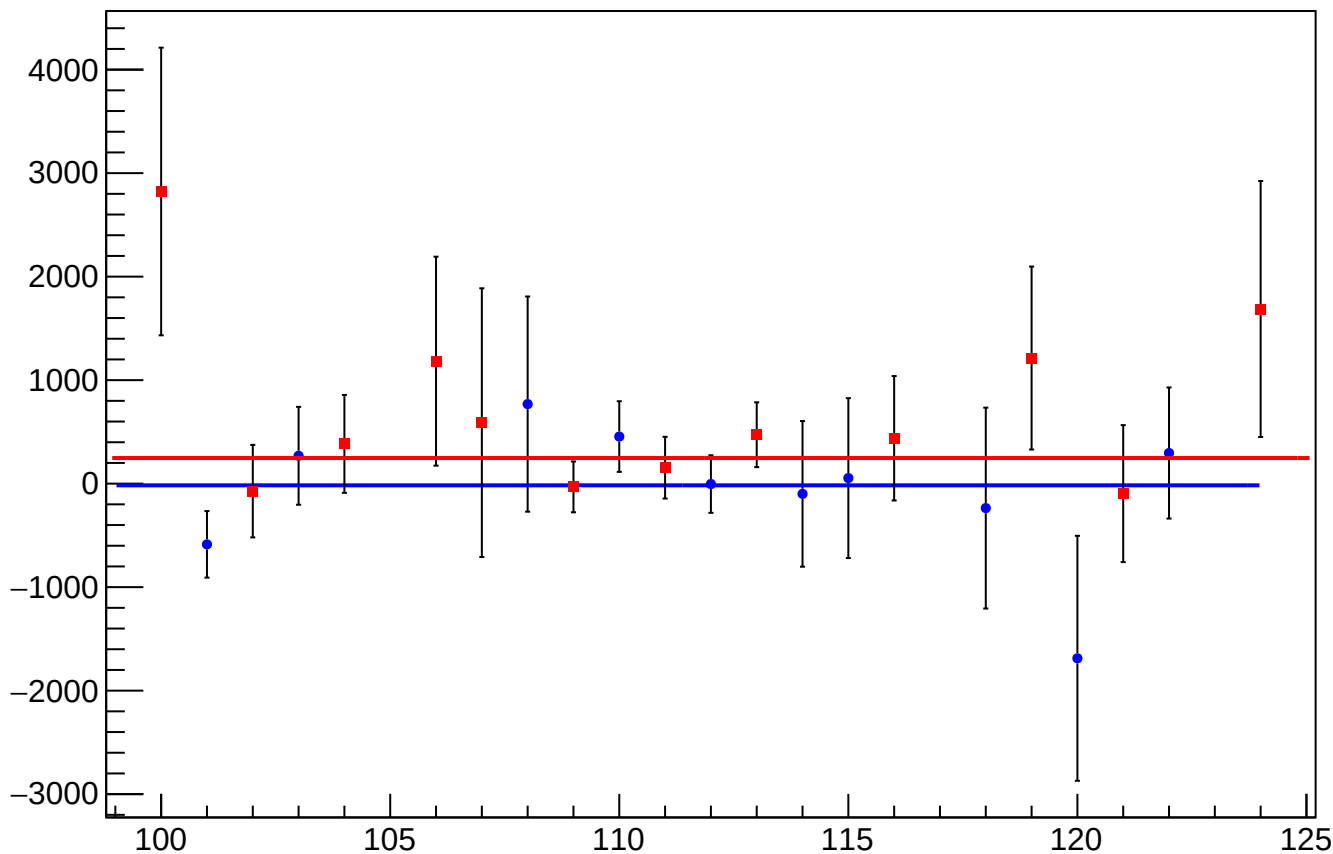
Right: 73.641+/-0.019 χ^2/NDF : 1569042.6/21

In: 75.488+/-0.028 χ^2/NDF : 638575.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.641+/-0.019 χ^2/NDF : 1569042.6/21

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -16.276+/-149.842 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 247.447+/-132.919 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

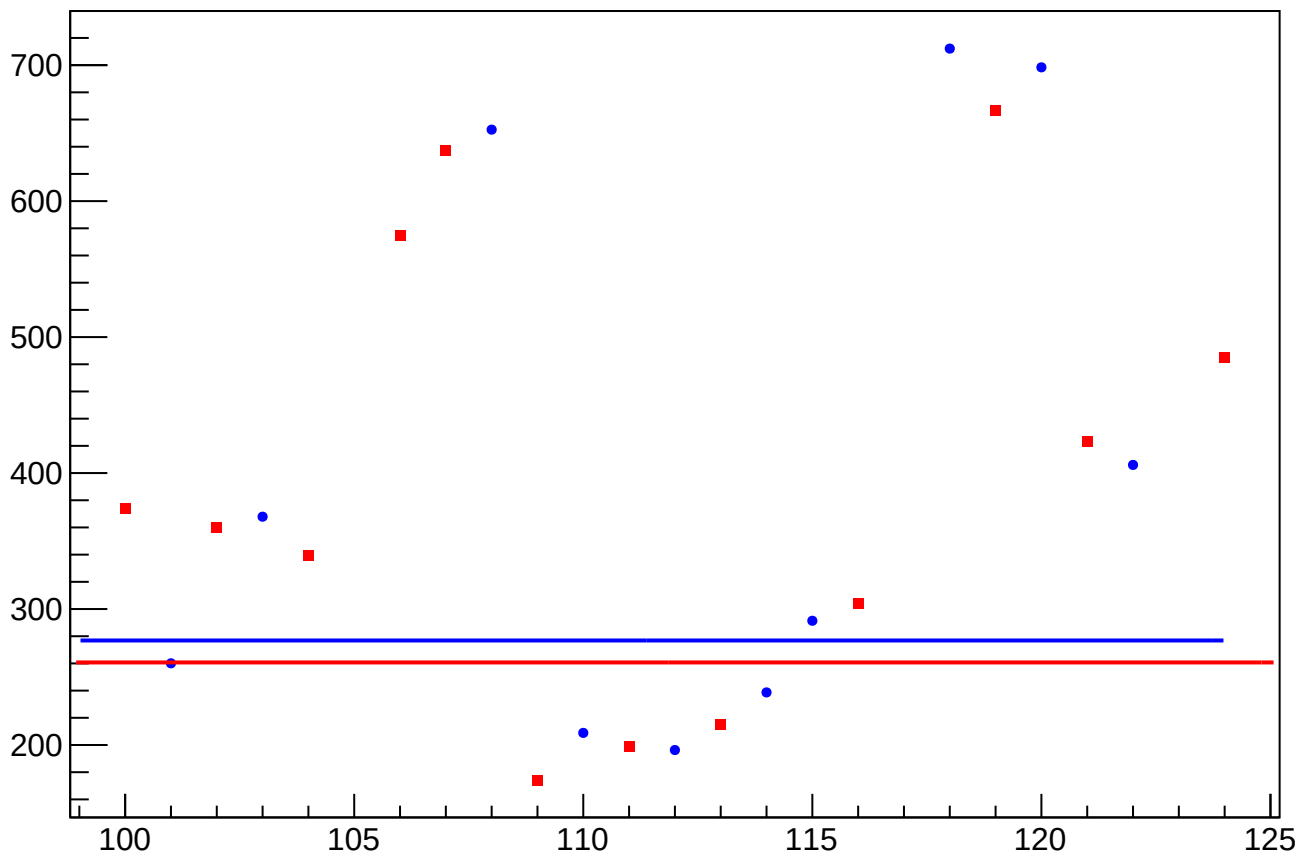
Right: 131.312+/-99.435 χ^2/NDF : 19.8/21

In: -16.276+/-149.842 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.312+/-99.435 χ^2/NDF : 19.8/21

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 276.868+/-0.106 χ^2/NDF : 1333794.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 260.712+/-0.094 χ^2/NDF : 1525129.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

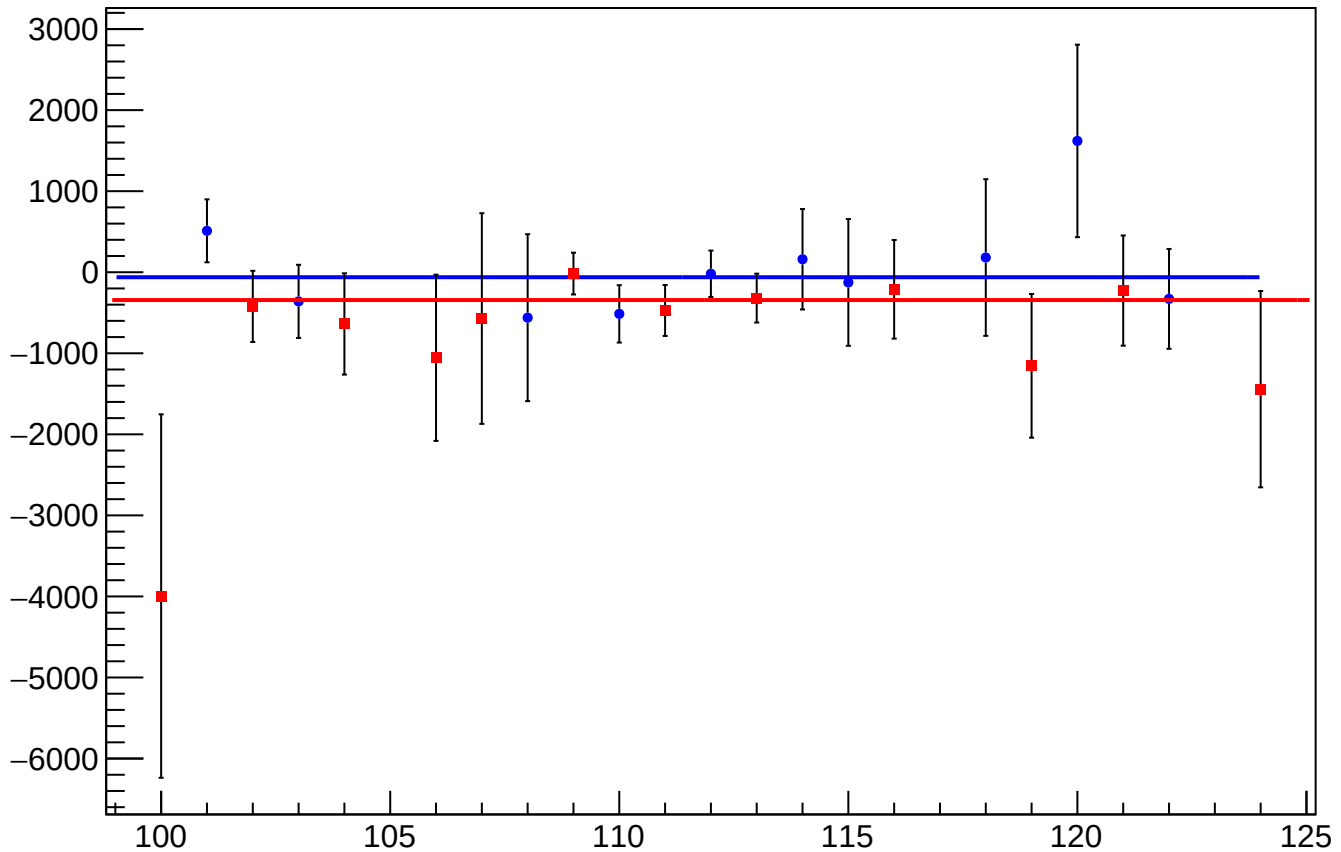
Right: 267.827+/-0.070 χ^2/NDF : 2871936.9/21

In: 276.868+/-0.106 χ^2/NDF :1333794.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 267.827+/-0.070 χ^2/NDF : 2871936.9/21

asym_sam7_mean vs Slug, Sign Corrected



Right In: -61.557+/-155.526 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -343.200+/-138.014 χ^2/NDF : 6.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

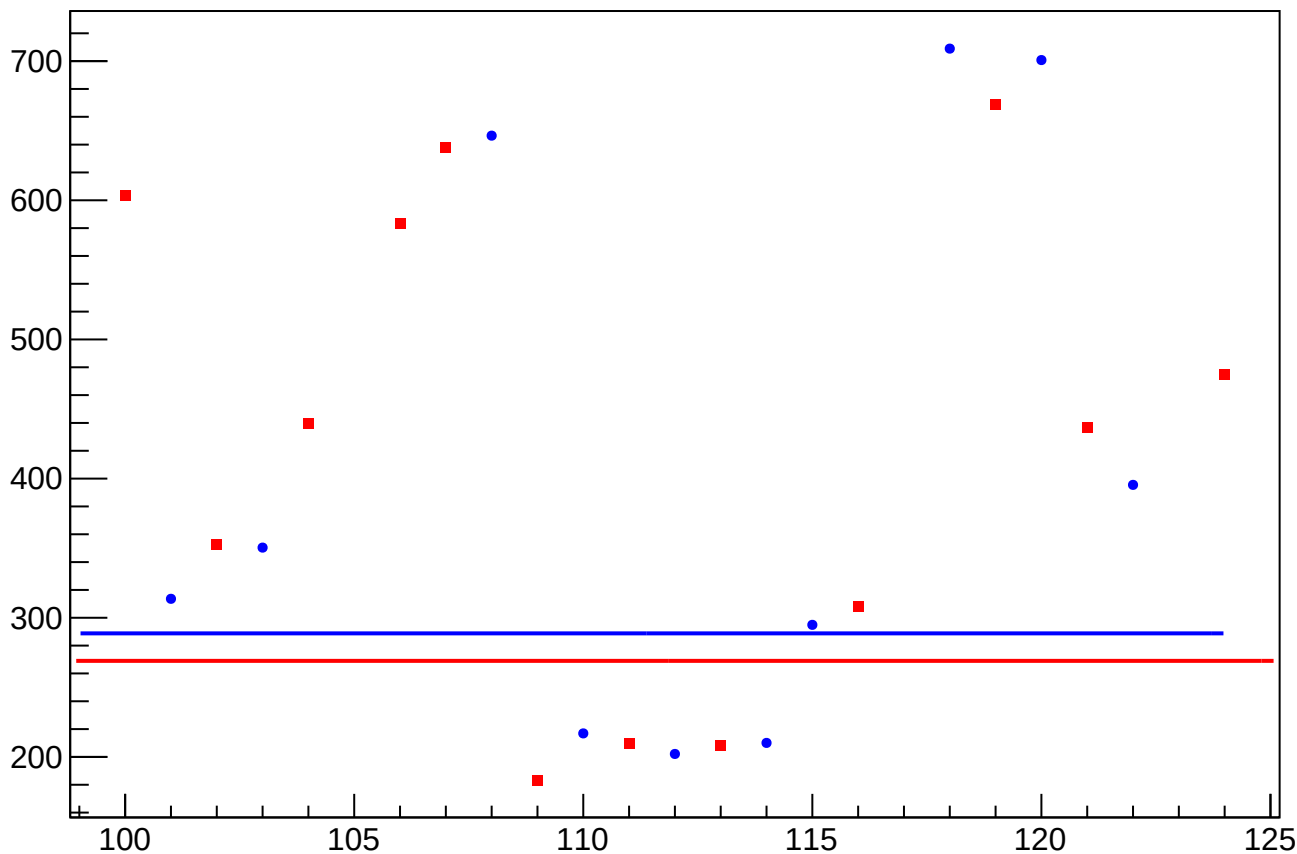
Right: -219.121+/-103.229 χ^2/NDF : 15.7/21

In: -61.557+/-155.526 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.121+/-103.229 χ^2/NDF : 15.7/21

asym_sam7_rms vs Slug, Sign Corrected



Right In: 288.790+/-0.110 χ^2/NDF : 1264030.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.032+/-0.098 χ^2/NDF : 1584219.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

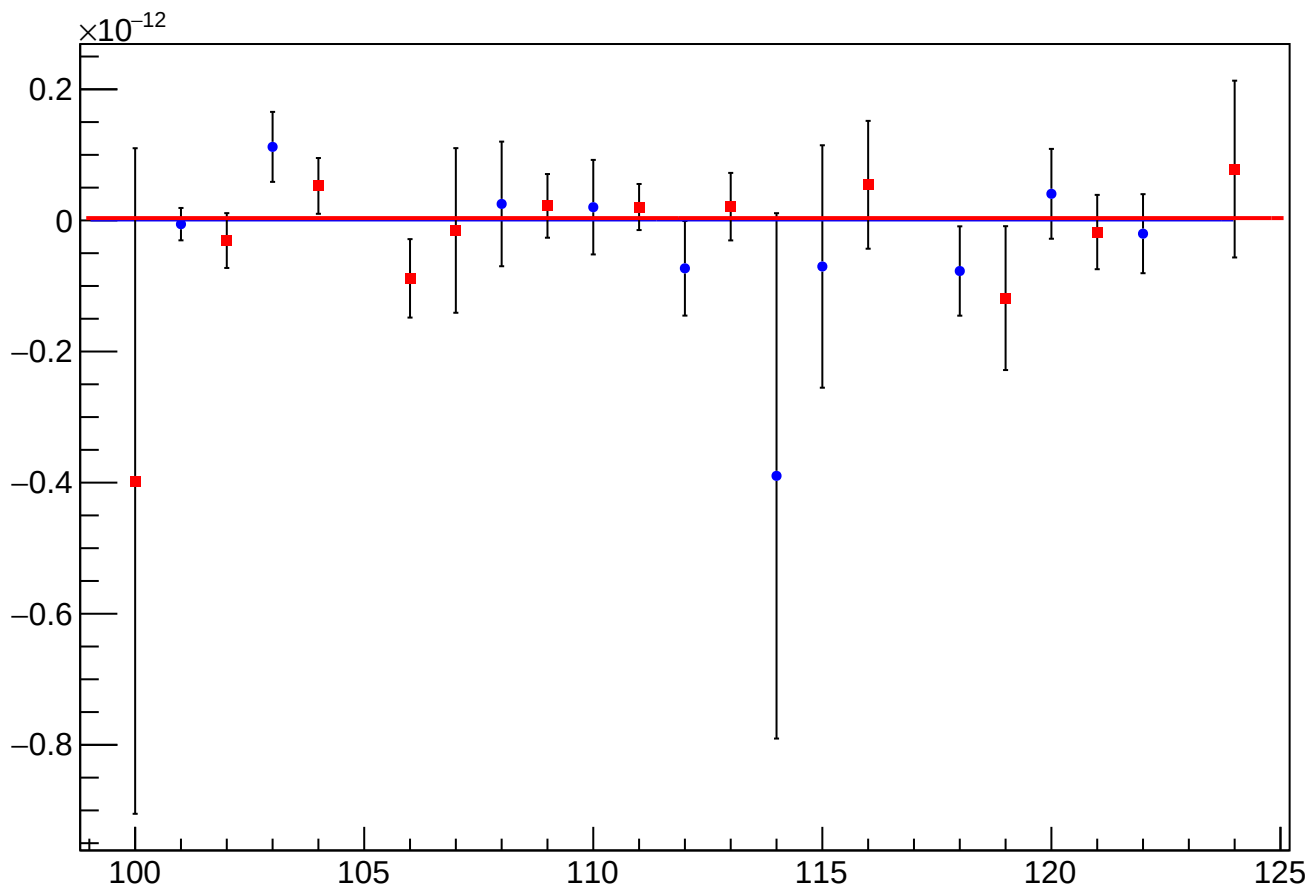
Right: 277.736+/-0.073 χ^2/NDF : 2866309.3/21

In: 288.790+/-0.110 χ^2/NDF : 1264030.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.736+/-0.073 χ^2/NDF : 2866309.3/21

asym_sam7_reg_vs_cor_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 : 7.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

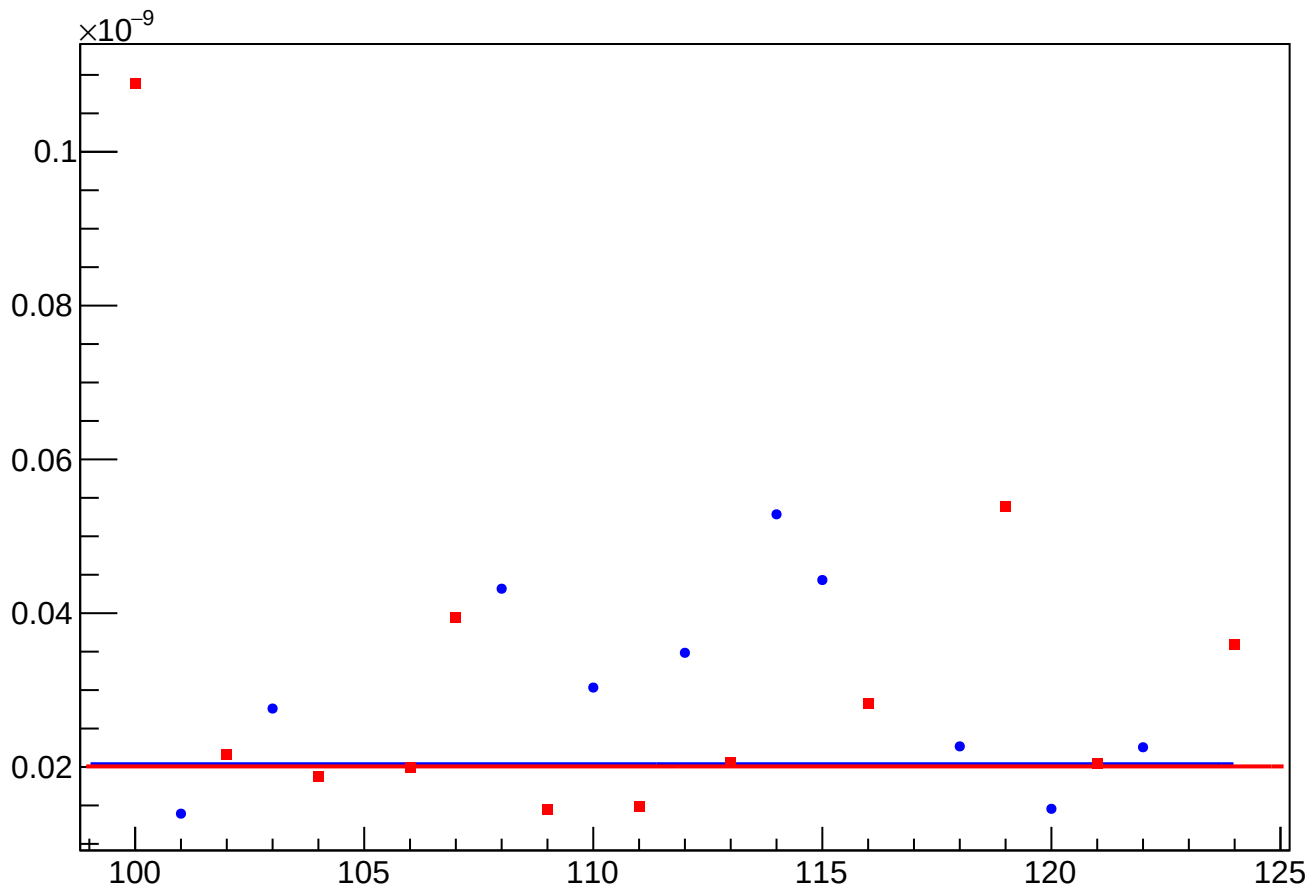
Right: 0.000+/-0.000 χ^2/NDF : 15.9/21

In: 0.000+/-0.000 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/21

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 472688.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 415235.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

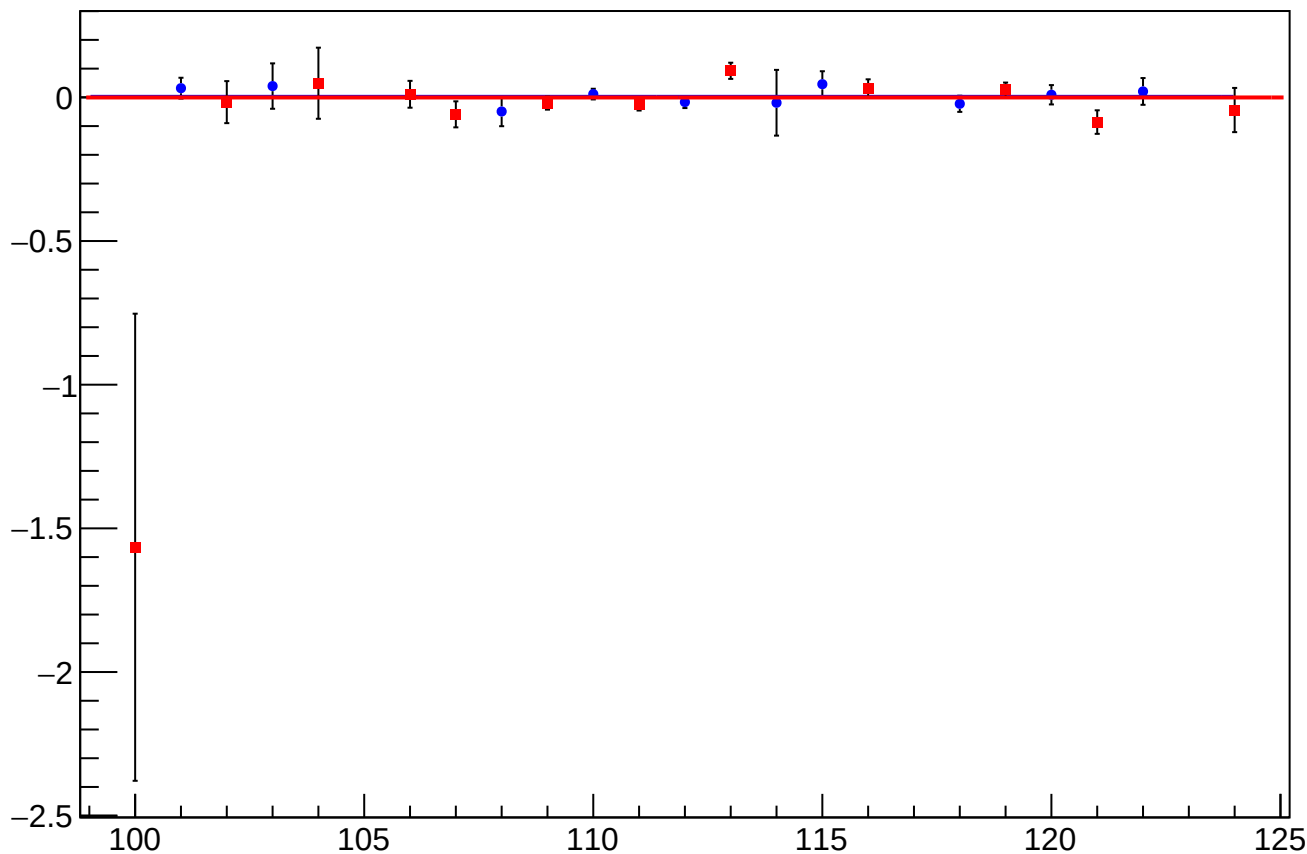
Right: 0.000+/-0.000 χ^2/NDF : 888202.6/21

In: 0.000+/-0.000 χ^2/NDF : 472688.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 888202.6/21

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.010 χ^2 /NDF: 4.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.010 χ^2 /NDF: 25.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

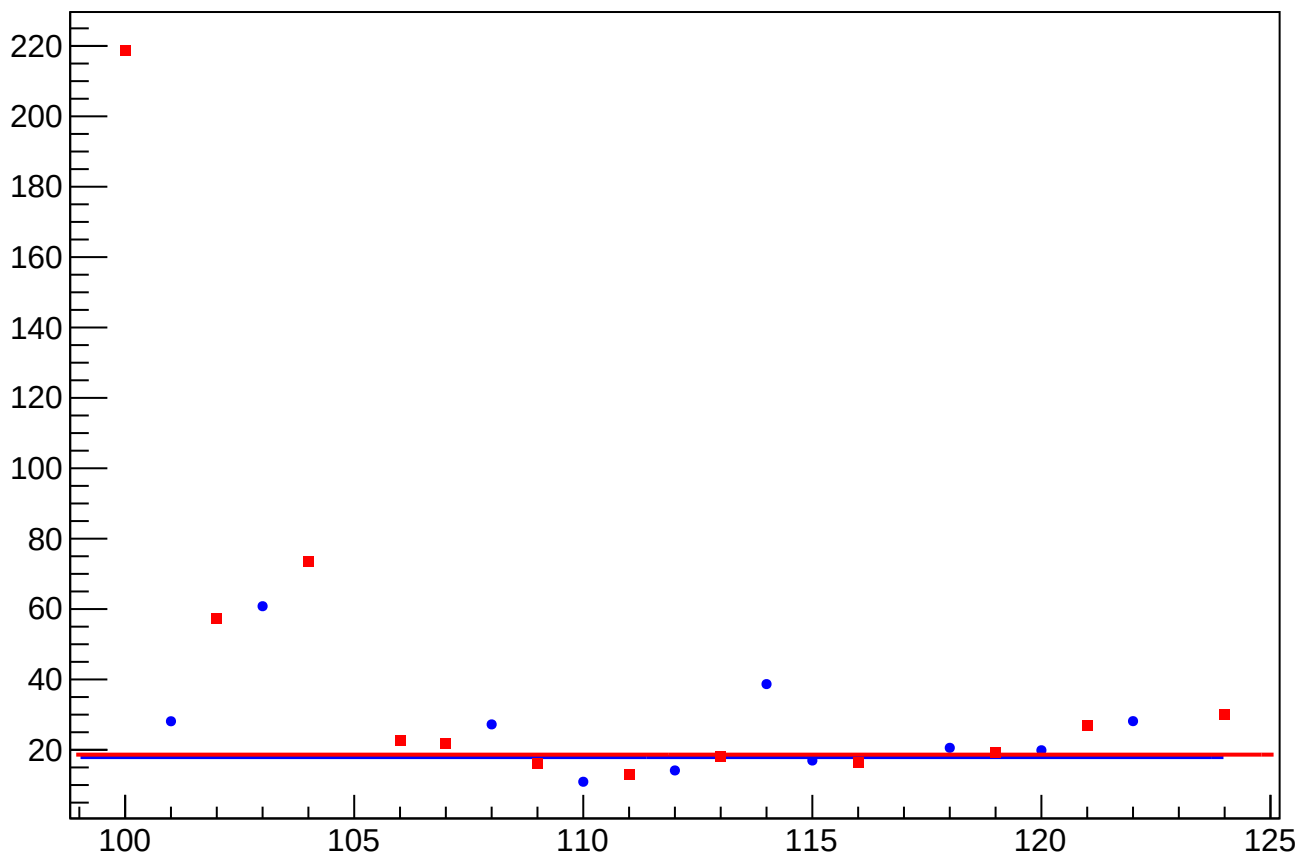
Right: 0.001 $\pm$ 0.007 χ^2 /NDF: 30.6/21

In: 0.002 $\pm$ 0.010 χ^2 /NDF:4.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.007 χ^2 /NDF: 30.6/21

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.939+/-0.007 χ^2/NDF : 1349822.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.636+/-0.007 χ^2/NDF : 1426447.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

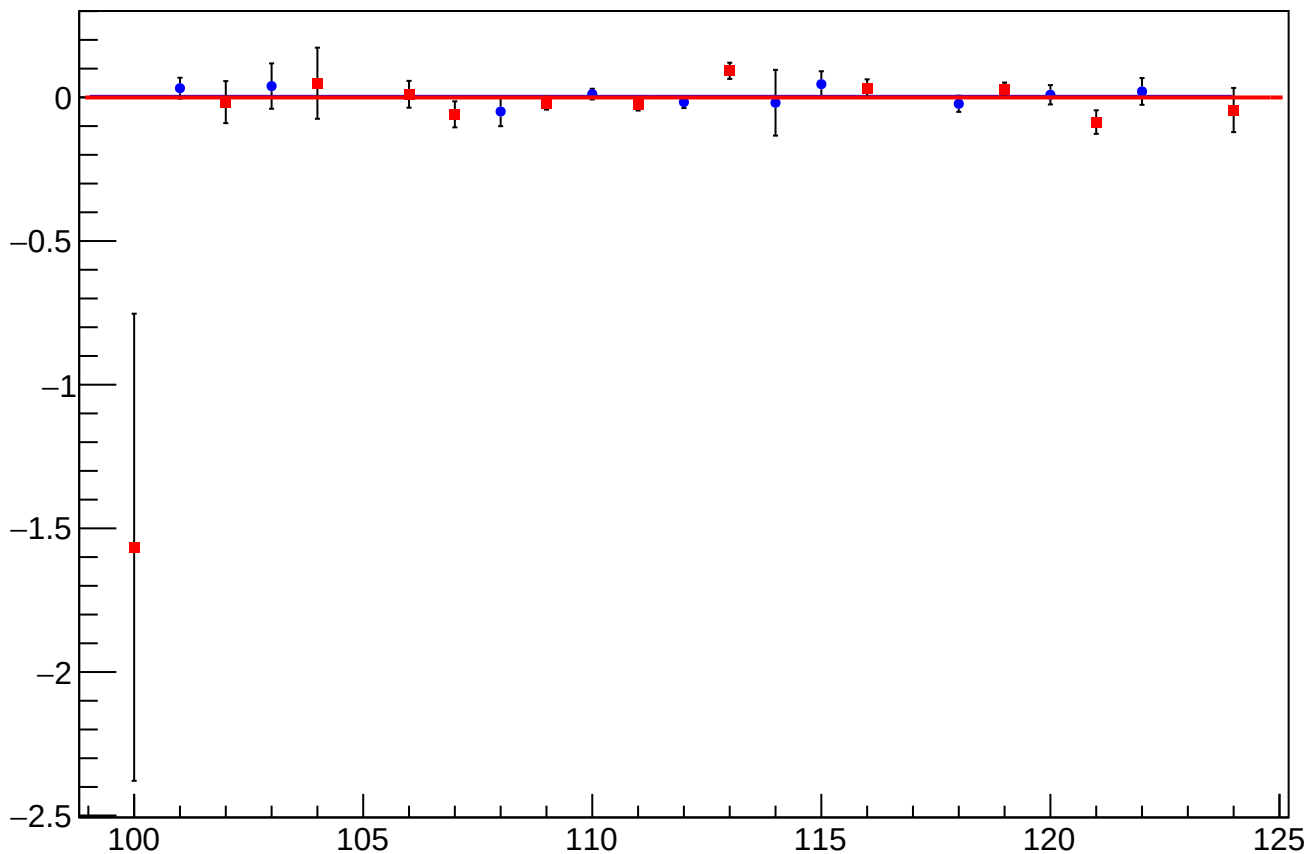
Right: 18.298+/-0.005 χ^2/NDF : 2781113.5/21

In: 17.939+/-0.007 χ^2/NDF :1349822.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.298+/-0.005 χ^2/NDF : 2781113.5/21

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.010 χ^2/NDF : 4.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.010 χ^2/NDF : 25.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

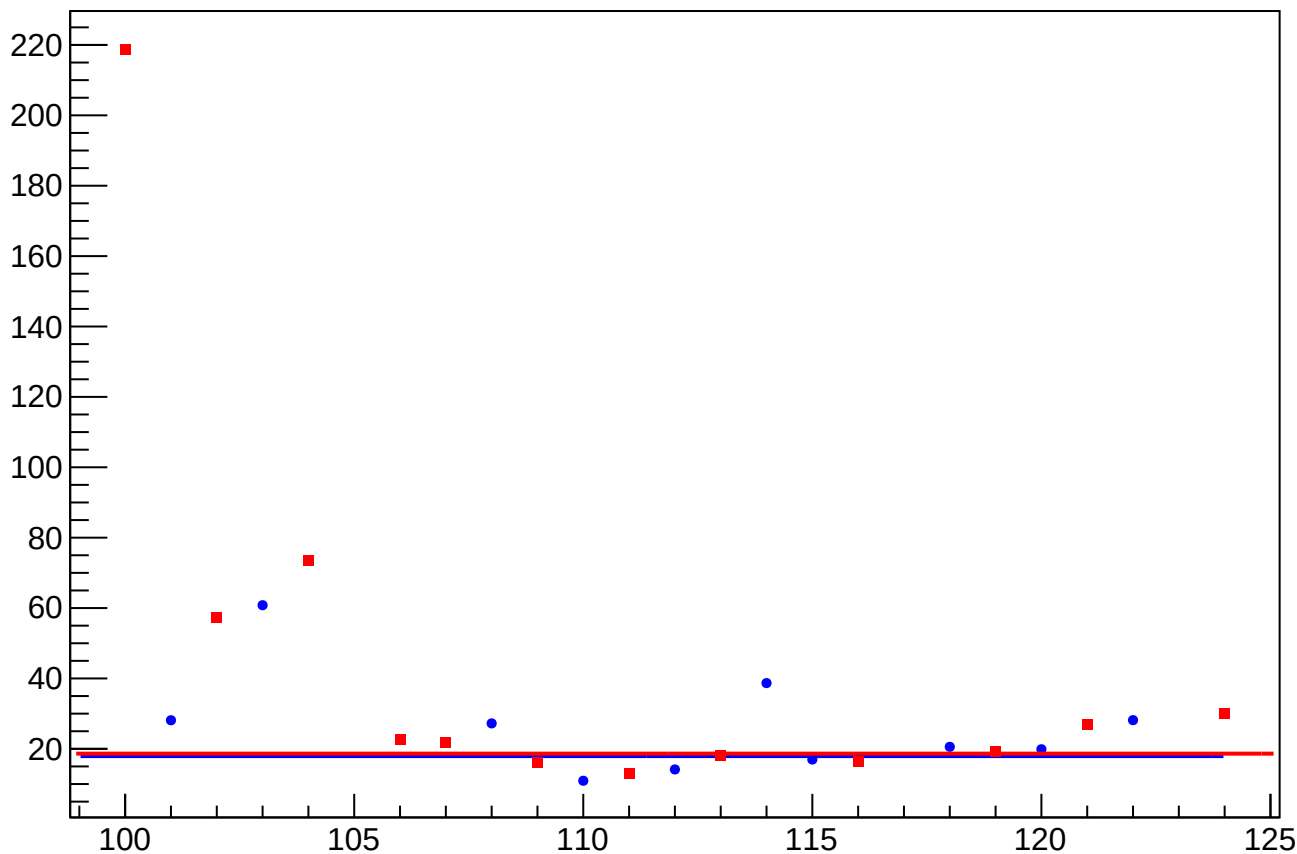
Right: 0.001+/-0.007 χ^2/NDF : 30.6/21

In: 0.002+/-0.010 χ^2/NDF :4.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.007 χ^2/NDF : 30.6/21

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.939+/-0.007 χ^2/NDF : 1349822.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.636+/-0.007 χ^2/NDF : 1426447.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

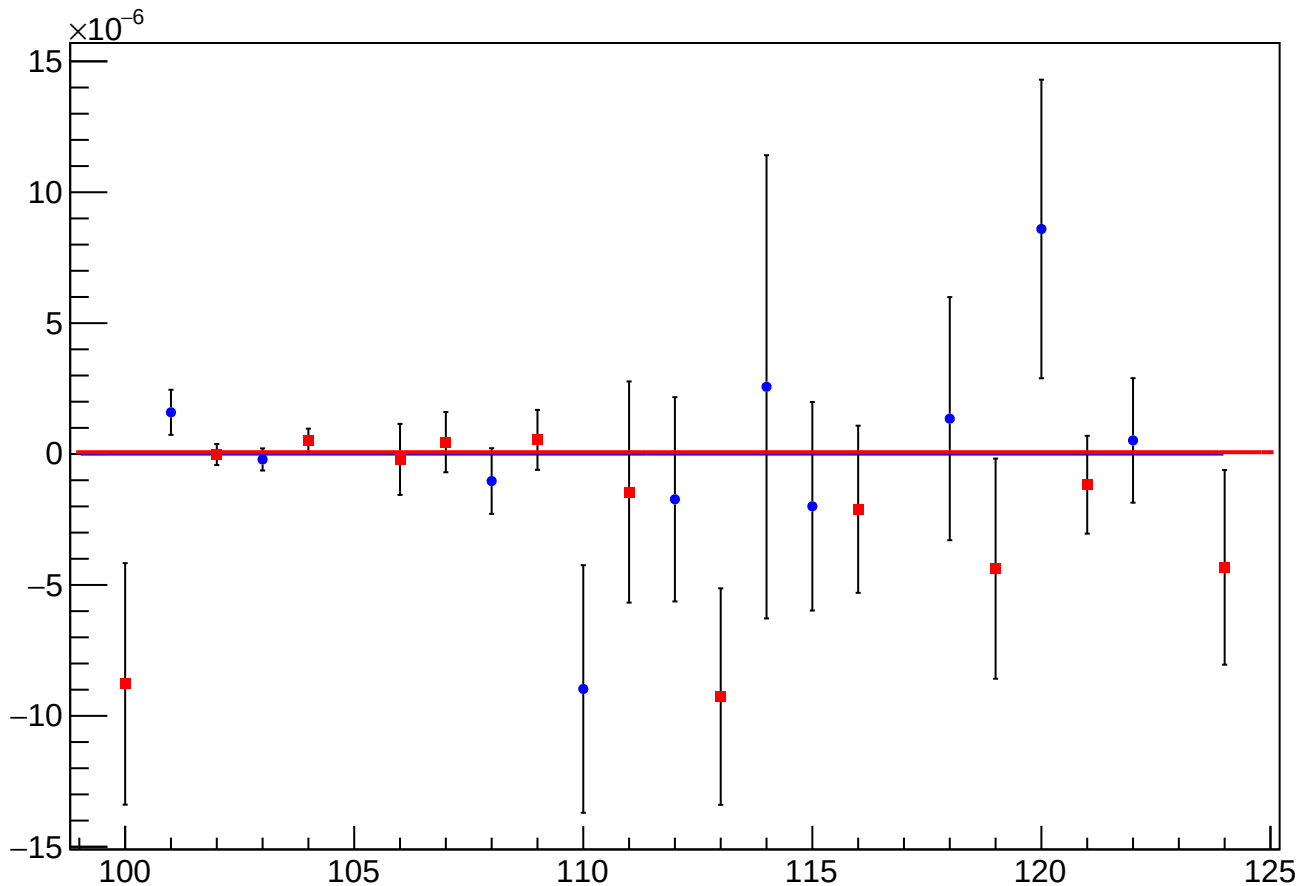
Right: 18.298+/-0.005 χ^2/NDF : 2781113.5/21

In: 17.939+/-0.007 χ^2/NDF :1349822.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.298+/-0.005 χ^2/NDF : 2781113.5/21

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

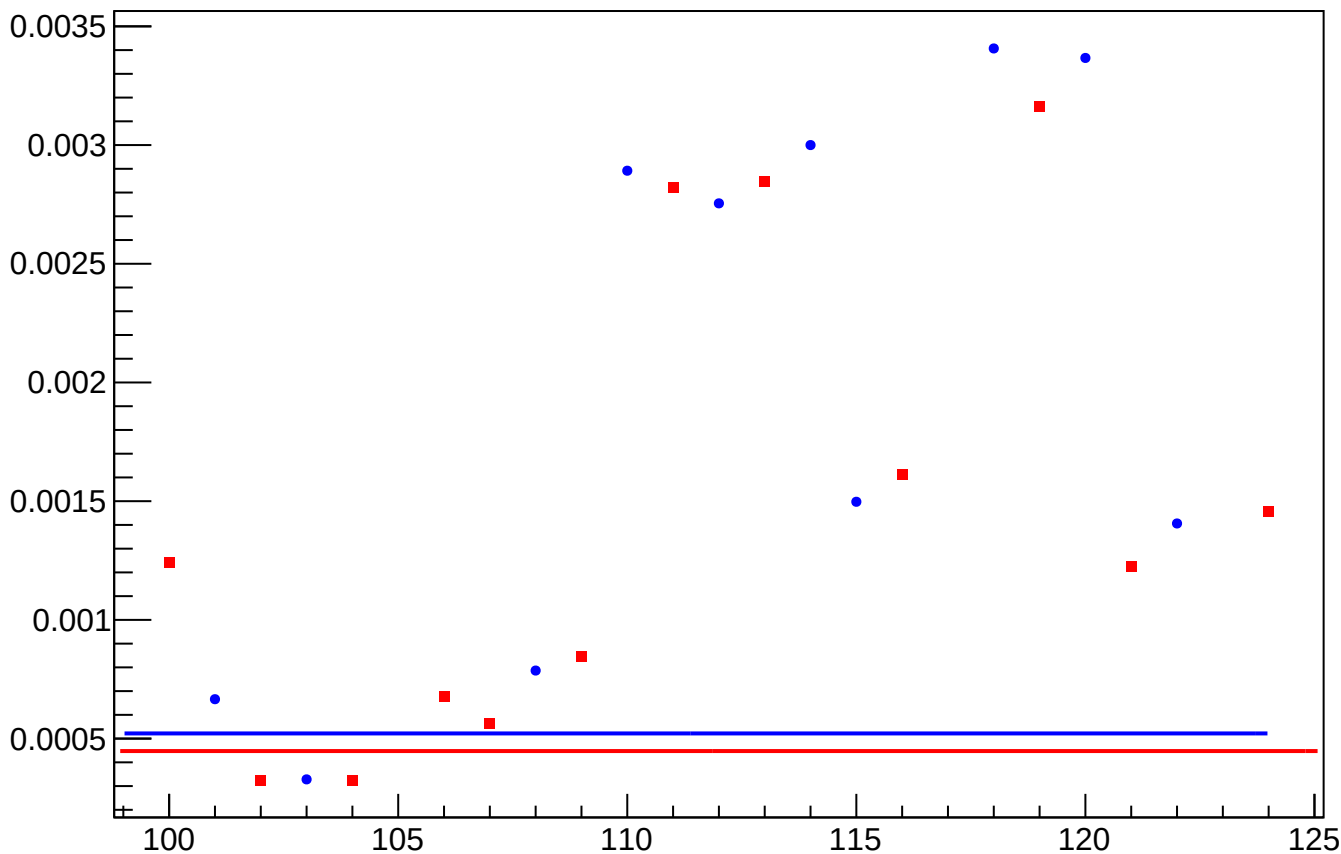
Right: 0.000+/-0.000 χ^2/NDF : 24.6/21

In: 0.000+/-0.000 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.6/21

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3548075.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3619928.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

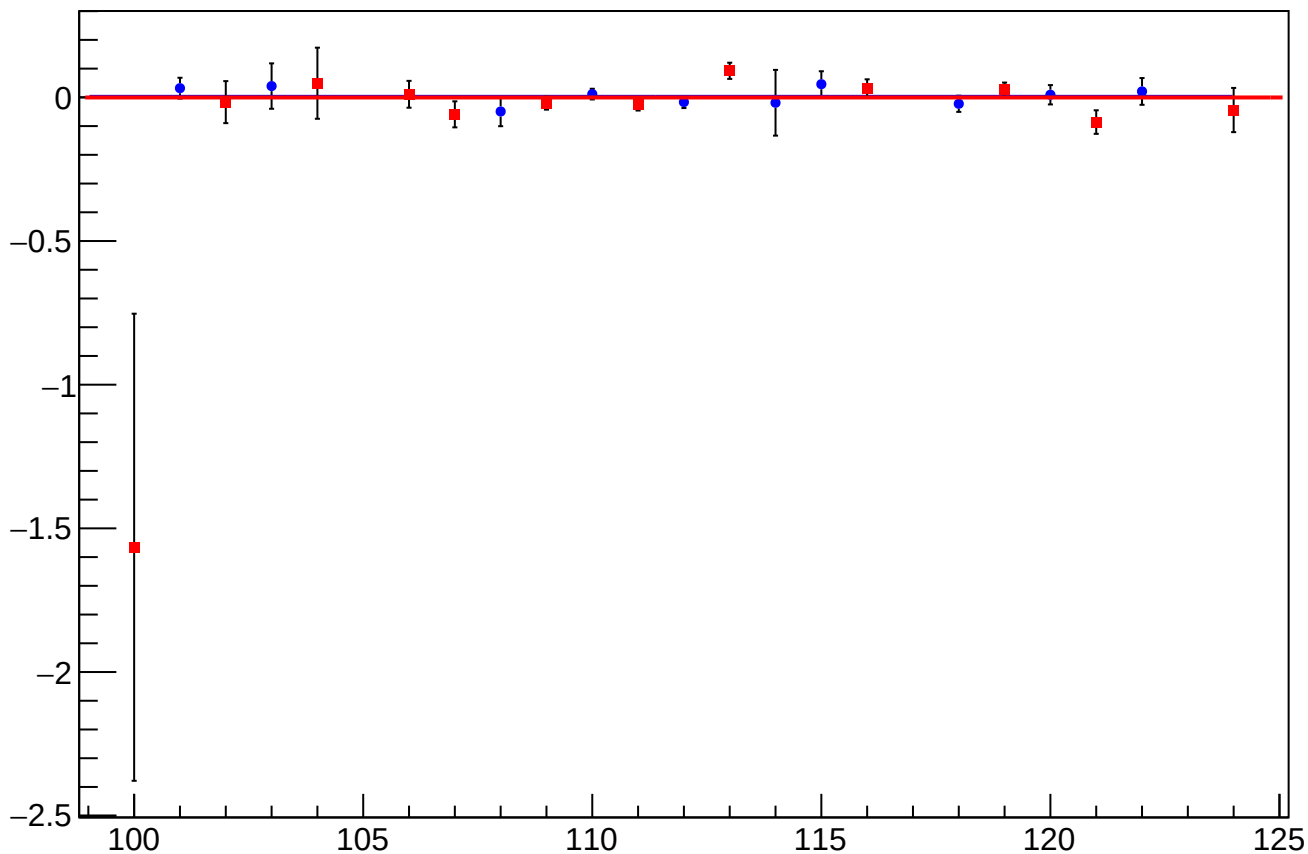
Right: 0.000+/-0.000 χ^2/NDF : 7224124.9/21

In: 0.001+/-0.000 χ^2/NDF :3548075.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7224124.9/21

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.010 χ^2/NDF : 4.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.010 χ^2/NDF : 25.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

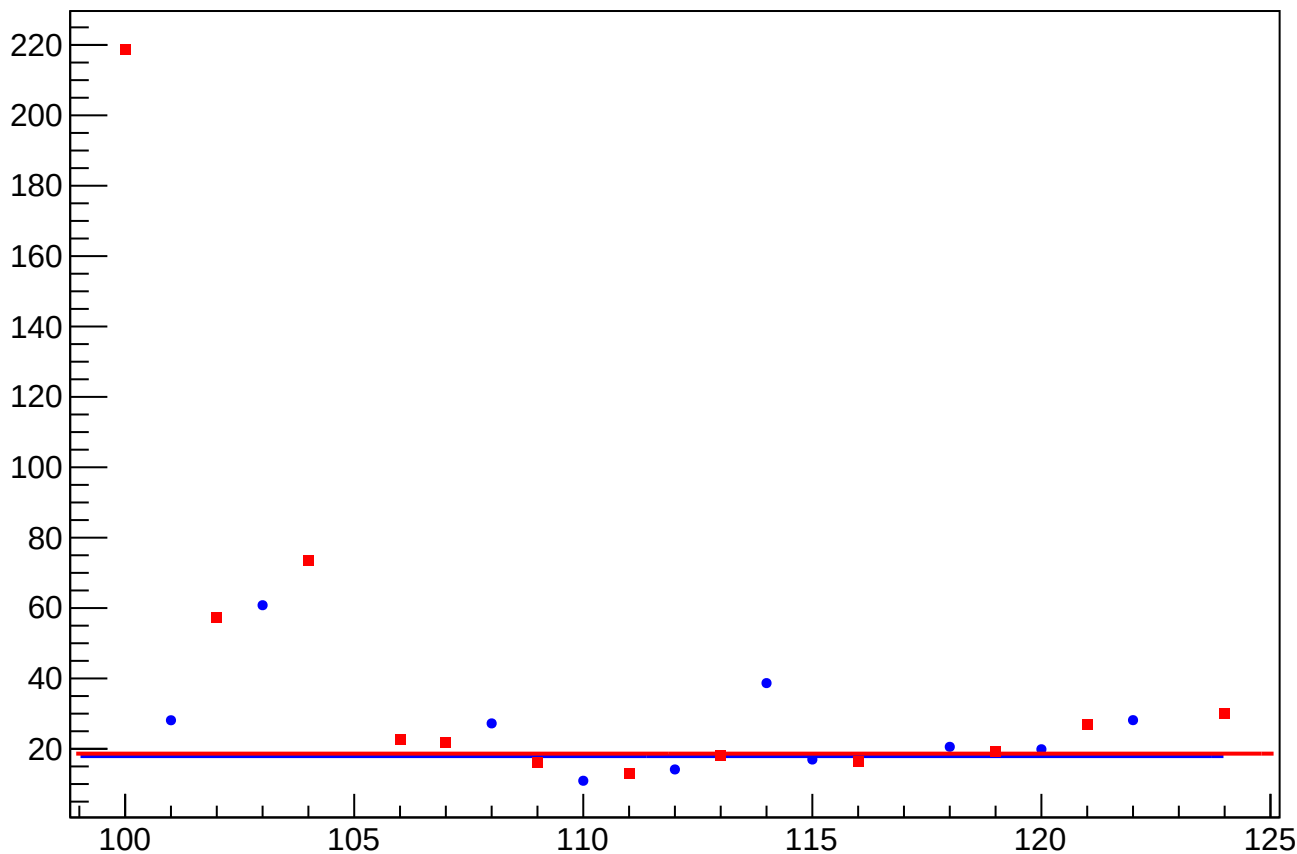
Right: 0.001+/-0.007 χ^2/NDF : 30.6/21

In: 0.002+/-0.010 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.007 χ^2/NDF : 30.6/21

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.939+/-0.007 χ^2/NDF : 1349712.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.636+/-0.007 χ^2/NDF : 1426394.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

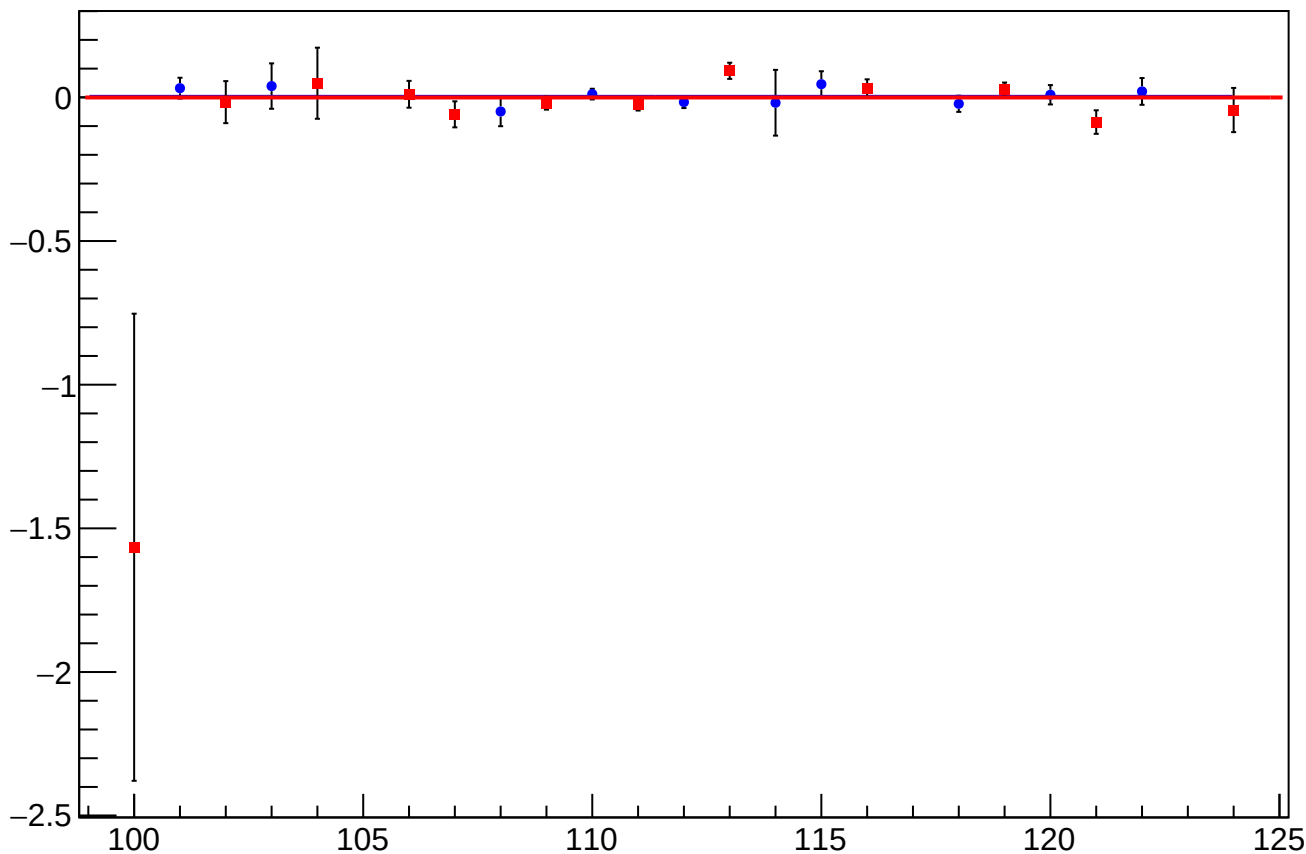
Right: 18.298+/-0.005 χ^2/NDF : 2780945.0/21

In: 17.939+/-0.007 χ^2/NDF : 1349712.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.298+/-0.005 χ^2/NDF : 2780945.0/21

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.010 χ^2 /NDF: 4.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.010 χ^2 /NDF: 25.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

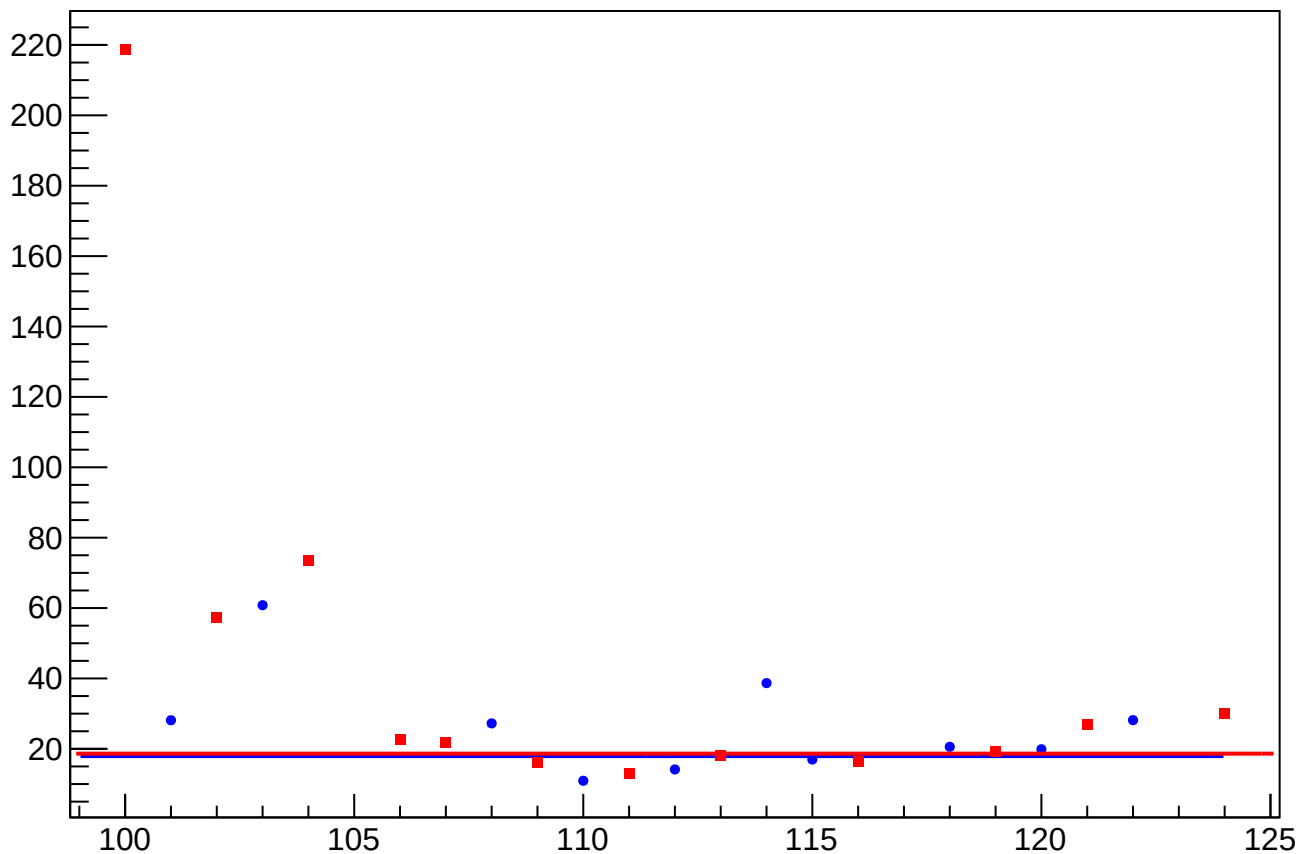
Right: 0.001 $\pm$ 0.007 χ^2 /NDF: 30.6/21

In: 0.002 $\pm$ 0.010 χ^2 /NDF:4.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.007 χ^2 /NDF: 30.6/21

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.939+/-0.007 χ^2/NDF : 1349712.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.636+/-0.007 χ^2/NDF : 1426394.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

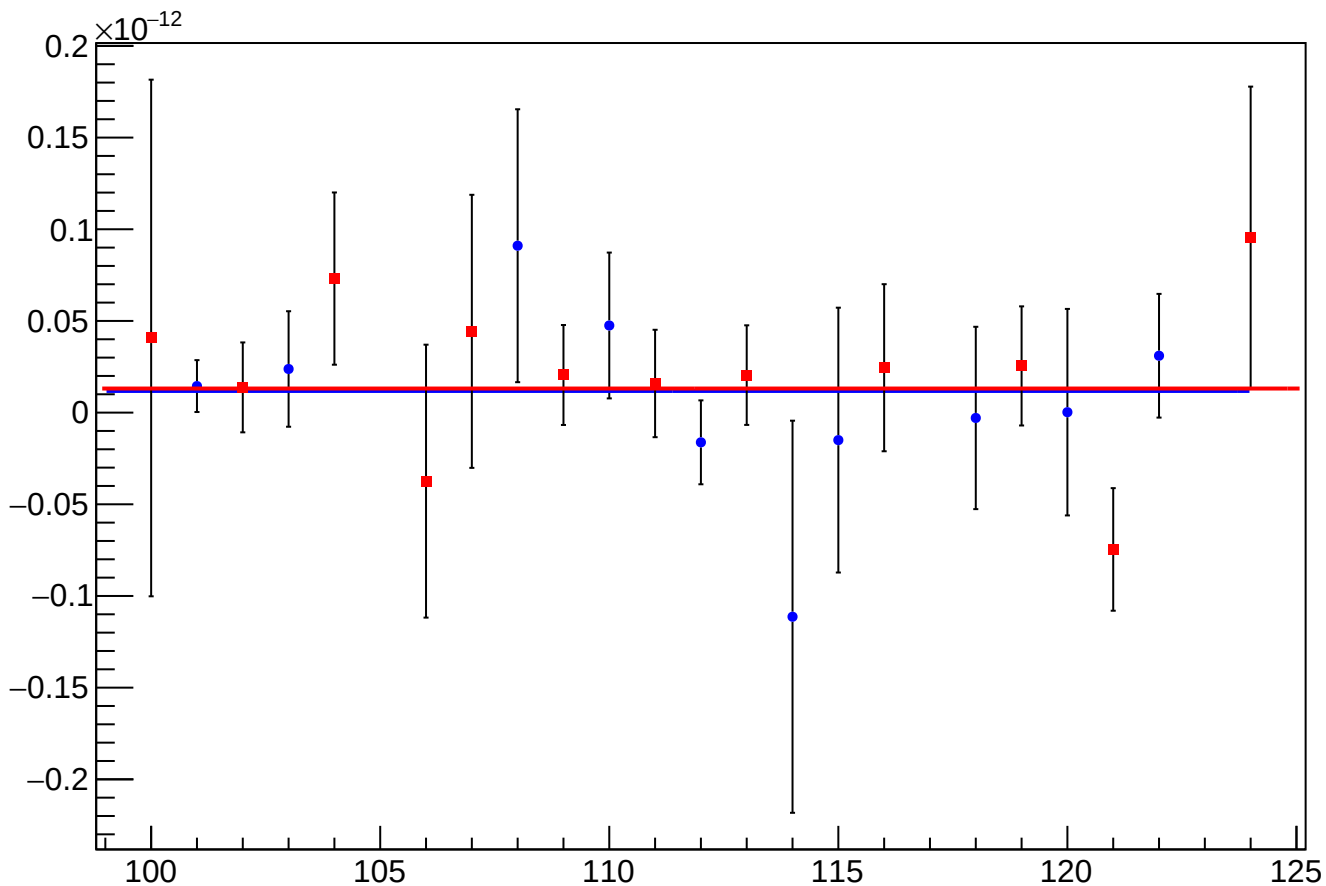
Right: 18.298+/-0.005 χ^2/NDF : 2780945.0/21

In: 17.939+/-0.007 χ^2/NDF : 1349712.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.298+/-0.005 χ^2/NDF : 2780945.0/21

asym_sam7_eigen_cor_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 : 10.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

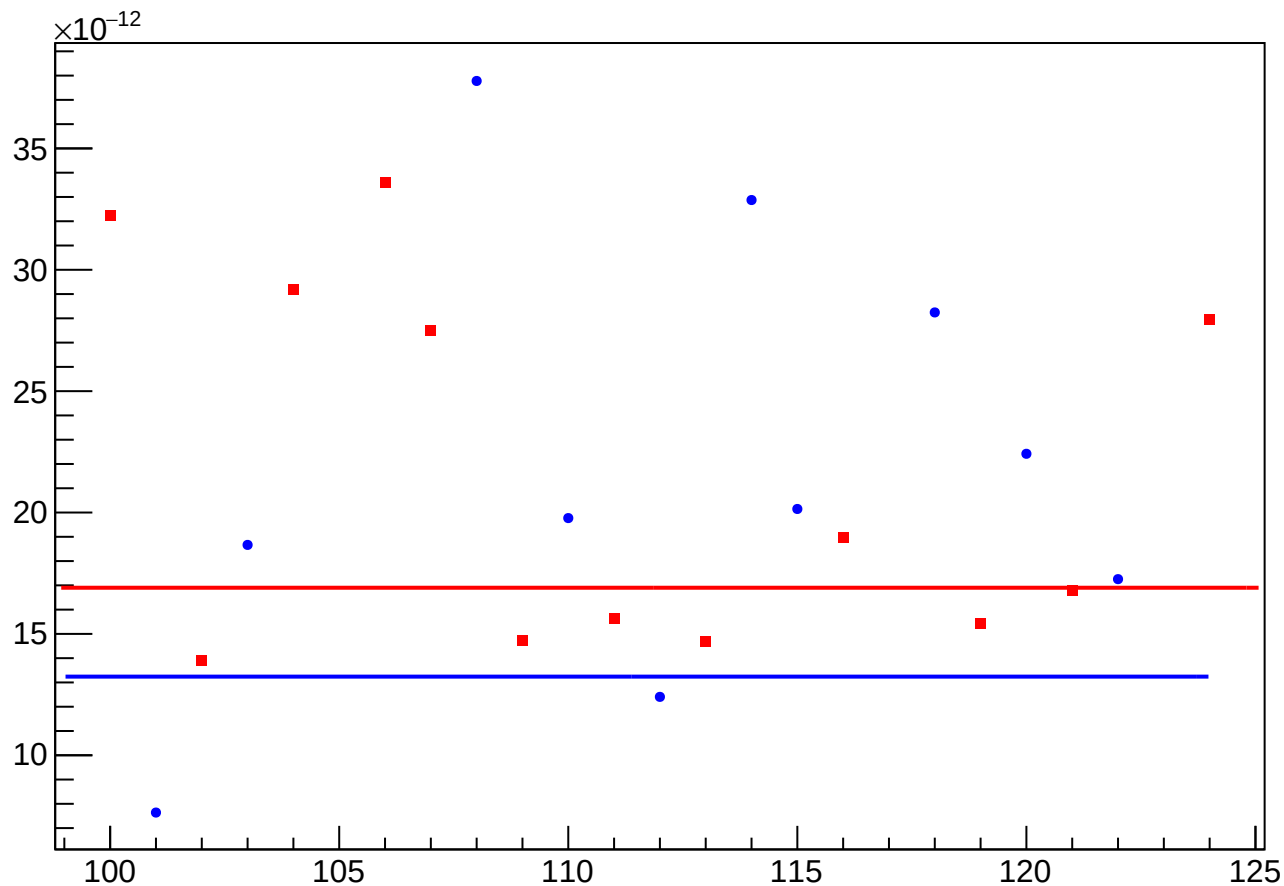
Right: 0.000+/-0.000 χ^2/NDF : 16.1/21

In: 0.000+/-0.000 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/21

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 995934.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 406059.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

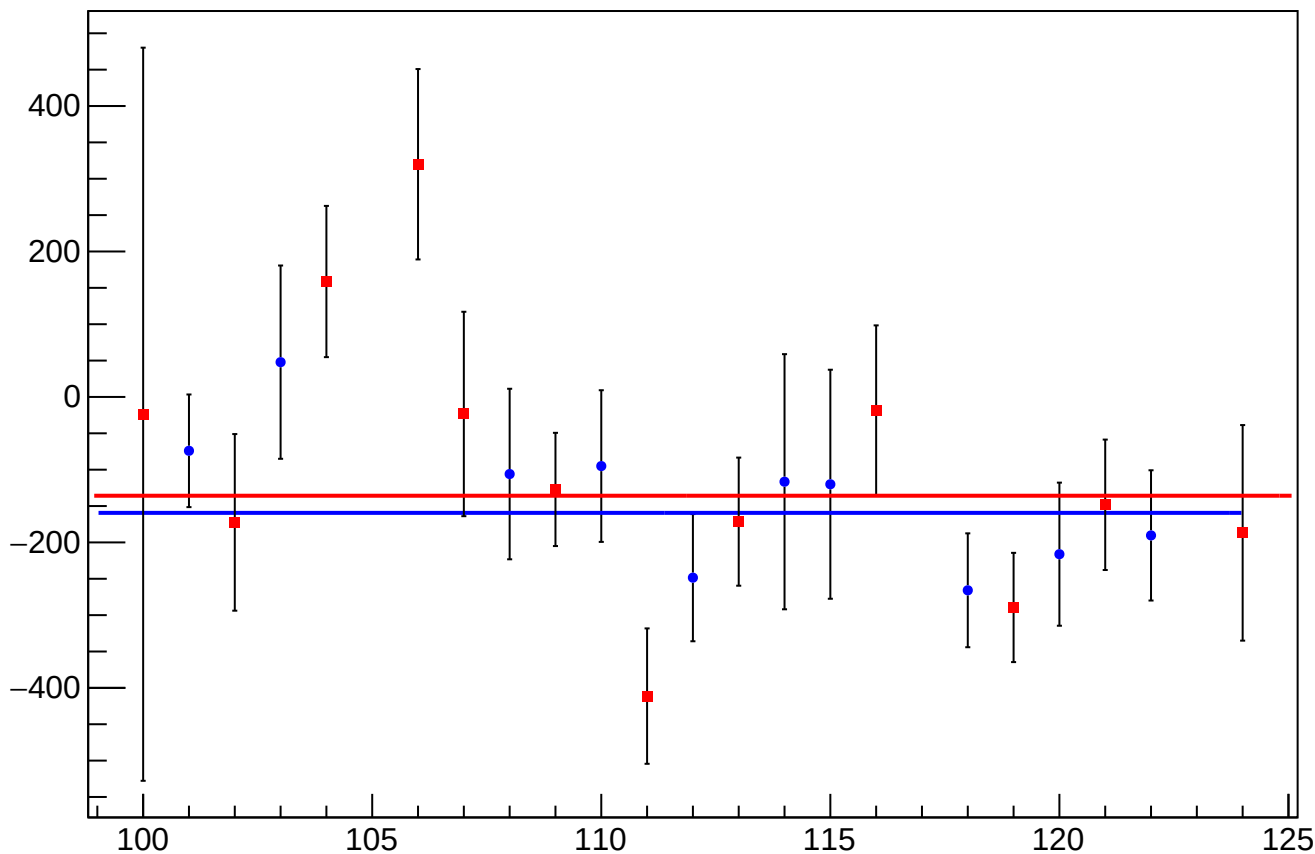
Right: 0.000+/-0.000 χ^2/NDF : 1531494.1/21

In: 0.000+/-0.000 χ^2/NDF : 995934.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1531494.1/21

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -159.381+/-31.895 χ^2/NDF : 7.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -135.815+/-30.109 χ^2/NDF : 35.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

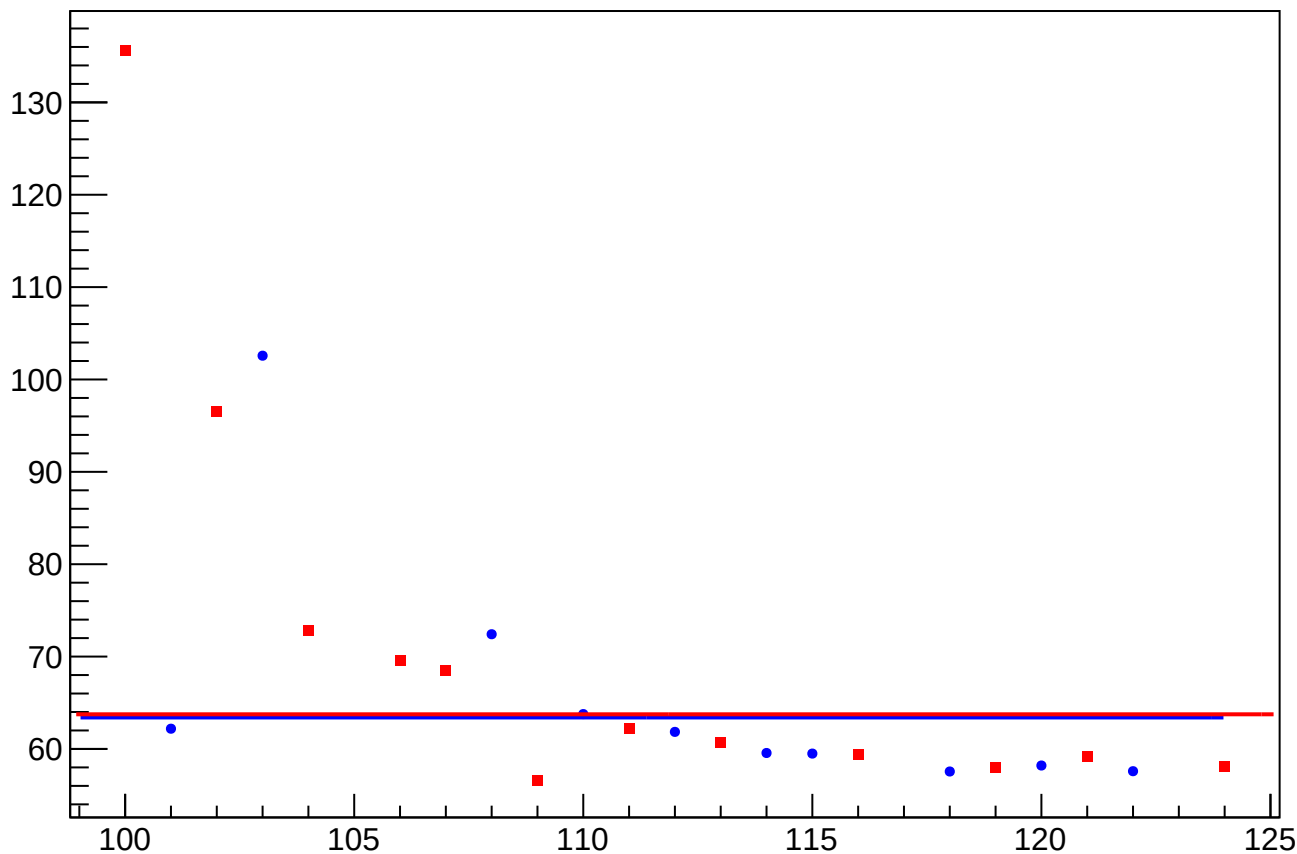
Right: -146.920+/-21.895 χ^2/NDF : 43.2/21

In: -159.381+/-31.895 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.920+/-21.895 χ^2/NDF : 43.2/21

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 63.408 $\pm$ 0.023 χ^2 /NDF: 214137.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.750 $\pm$ 0.021 χ^2 /NDF: 250446.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

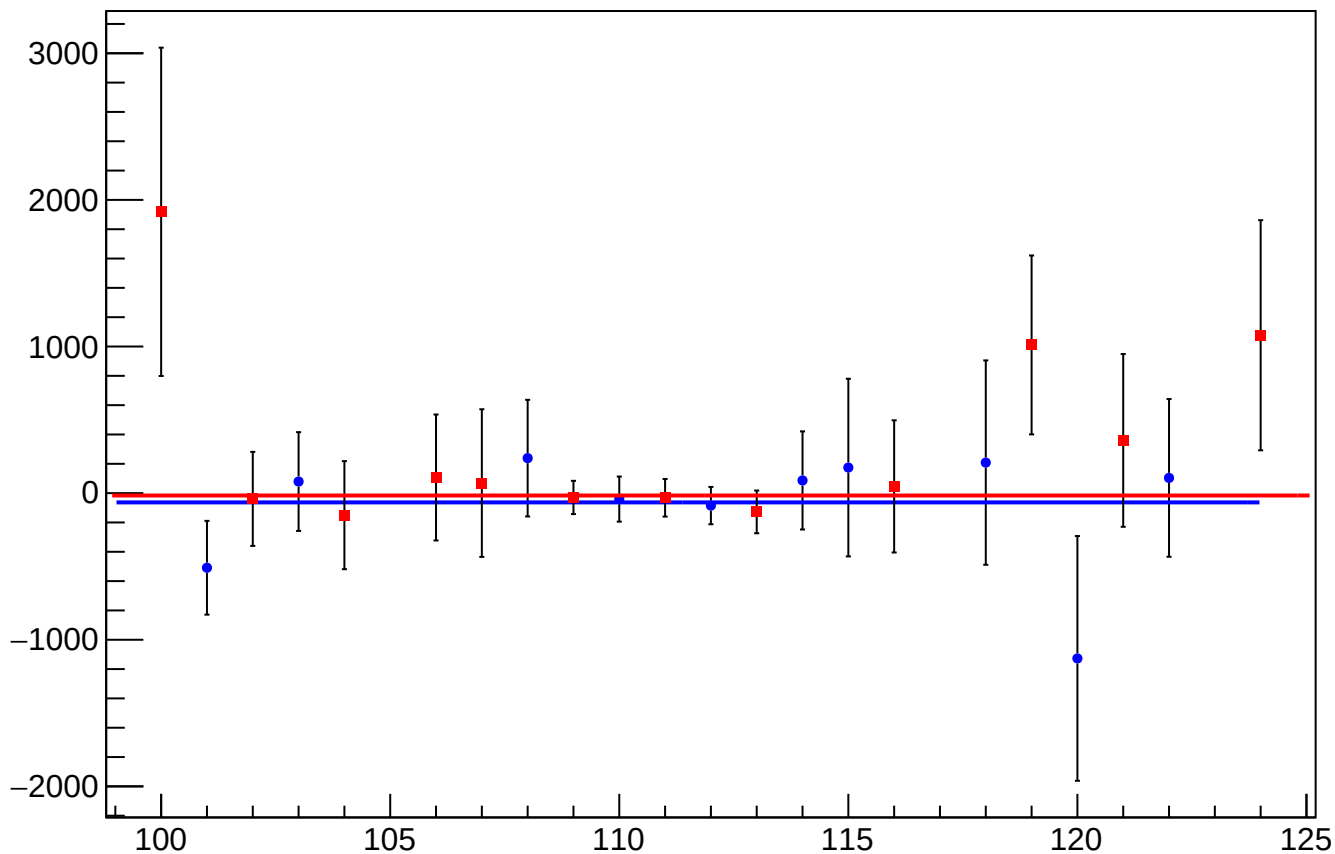
Right: 63.589 $\pm$ 0.015 χ^2 /NDF: 464705.2/21

In: 63.408 $\pm$ 0.023 χ^2 /NDF:214137.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.589 $\pm$ 0.015 χ^2 /NDF: 464705.2/21

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -63.122+/-82.325 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -16.142+/-66.671 χ^2/NDF : 9.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

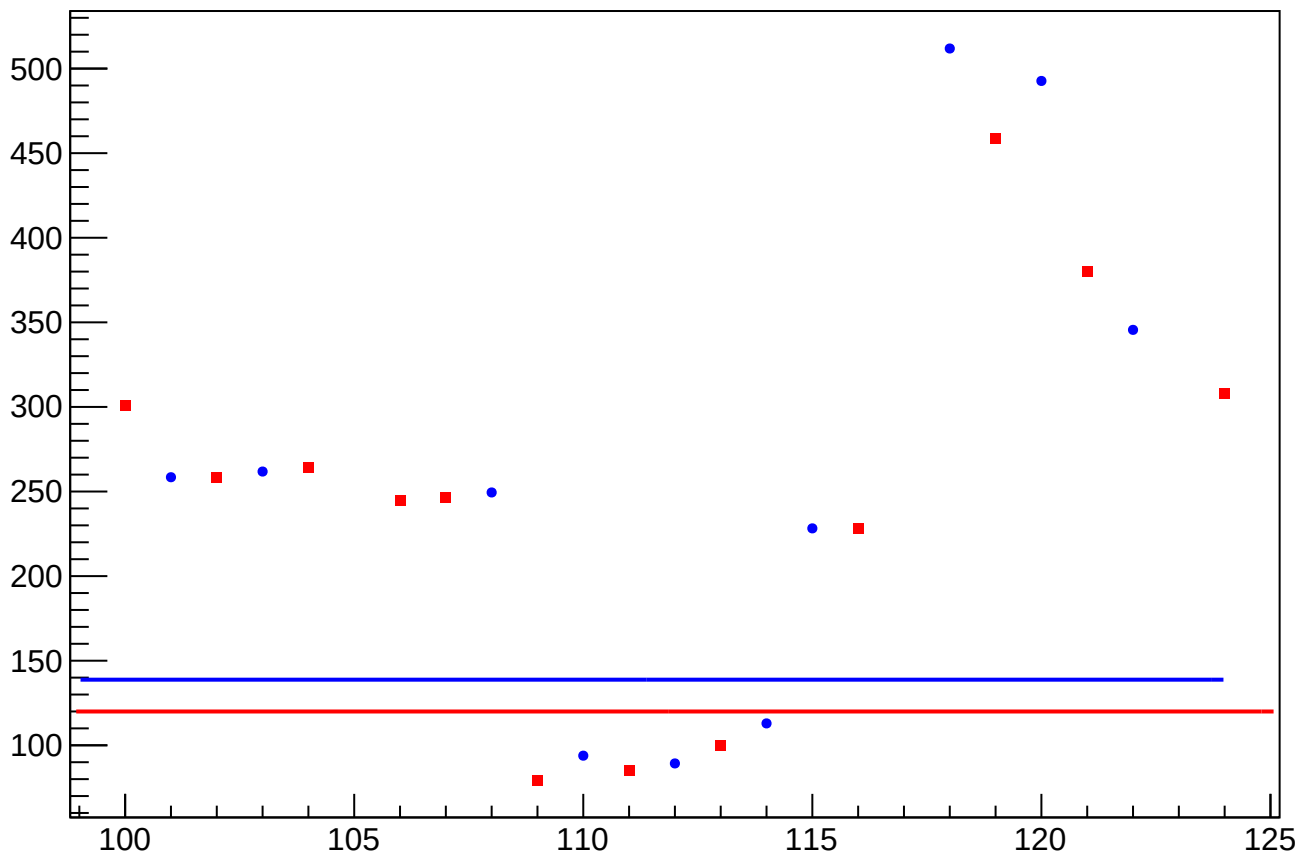
Right: -34.750+/-51.812 χ^2/NDF : 14.2/21

In: -63.122+/-82.325 χ^2/NDF :5.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -34.750+/-51.812 χ^2/NDF : 14.2/21

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 138.785+/-0.058 χ^2/NDF : 2458408.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 119.983+/-0.047 χ^2/NDF : 2705506.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

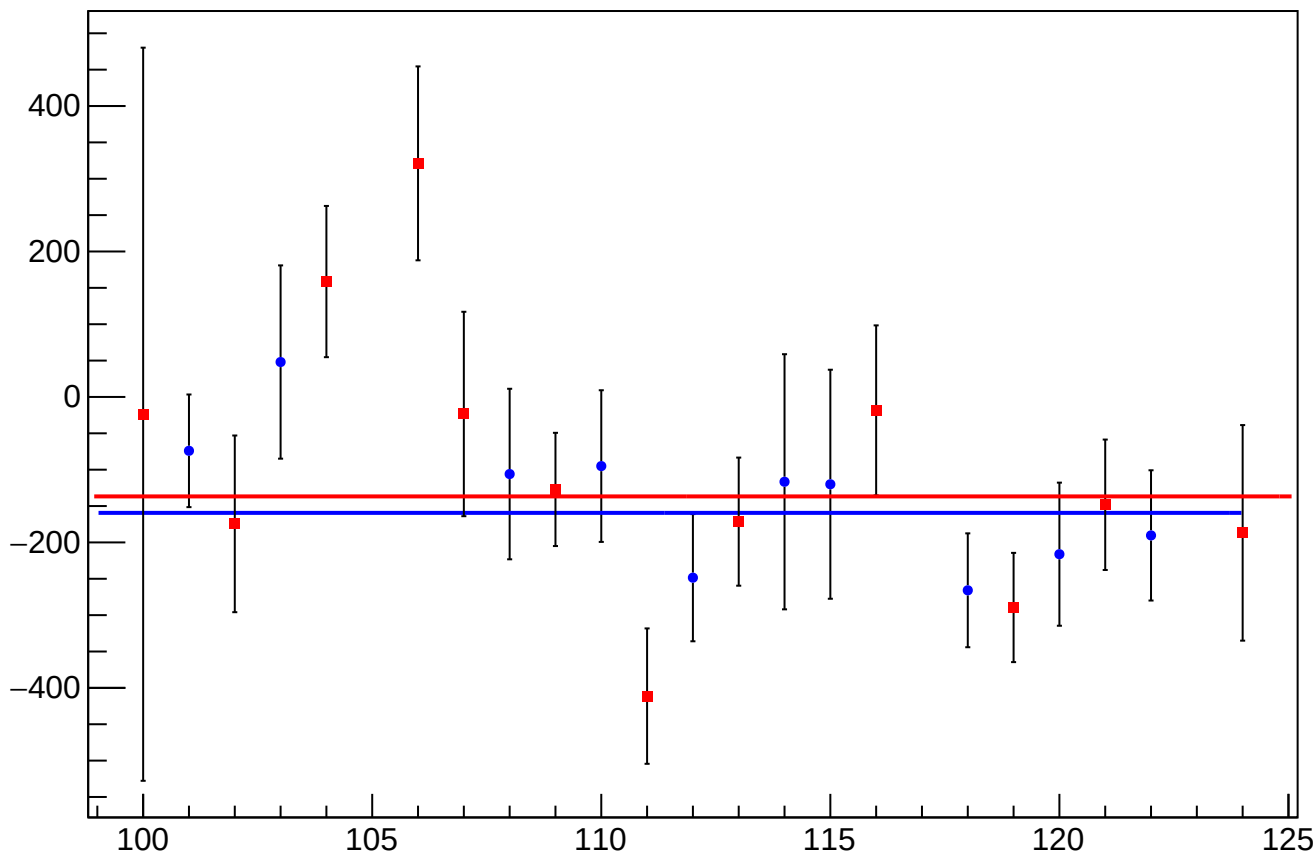
Right: 127.430+/-0.037 χ^2/NDF : 5226919.5/21

In: 138.785+/-0.058 χ^2/NDF :2458408.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 127.430+/-0.037 χ^2/NDF : 5226919.5/21

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -159.380+/-31.895 χ^2/NDF : 7.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -136.746+/-30.138 χ^2/NDF : 34.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

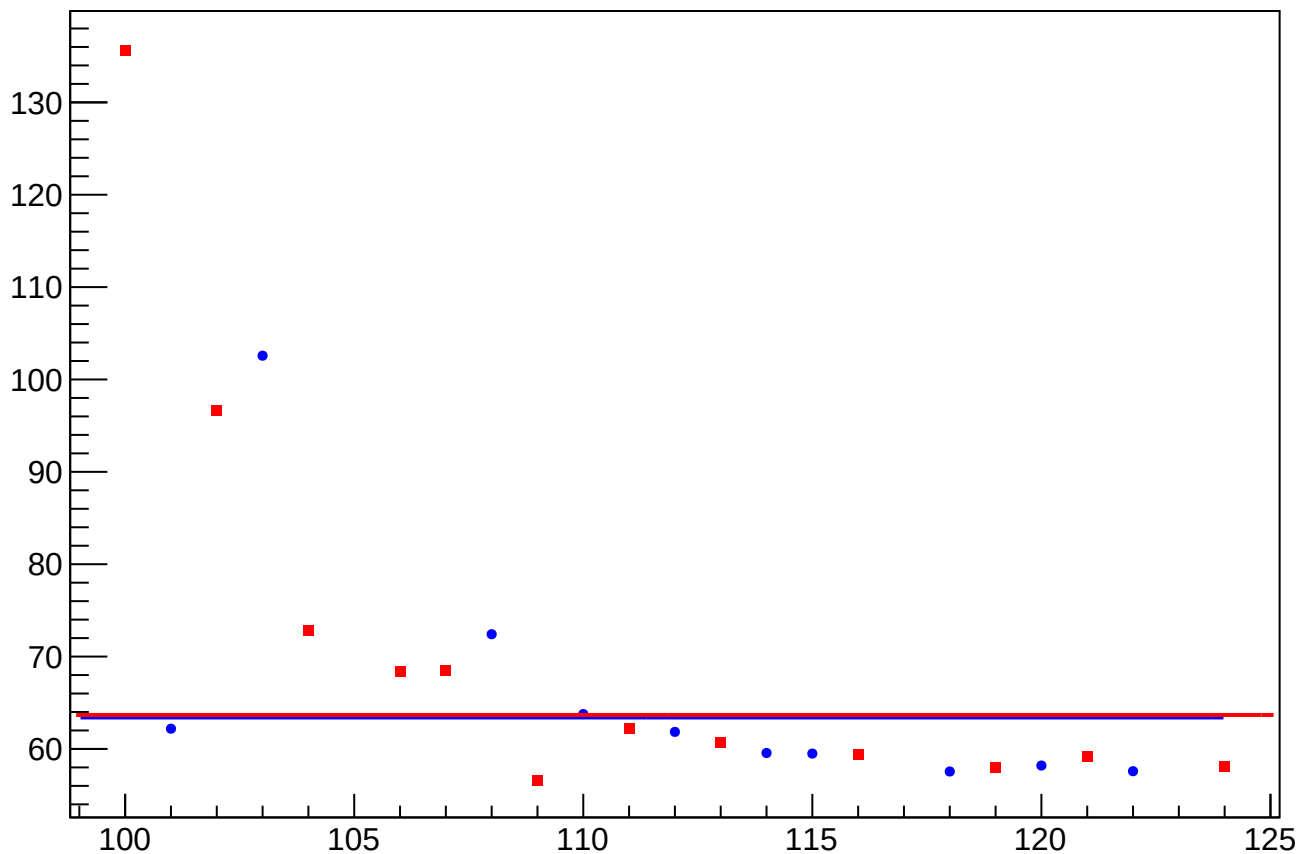
Right: -147.422+/-21.906 χ^2/NDF : 42.8/21

In: -159.380+/-31.895 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.422+/-21.906 χ^2/NDF : 42.8/21

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 63.408+/-0.023 χ^2/NDF : 214139.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.680+/-0.021 χ^2/NDF : 249103.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

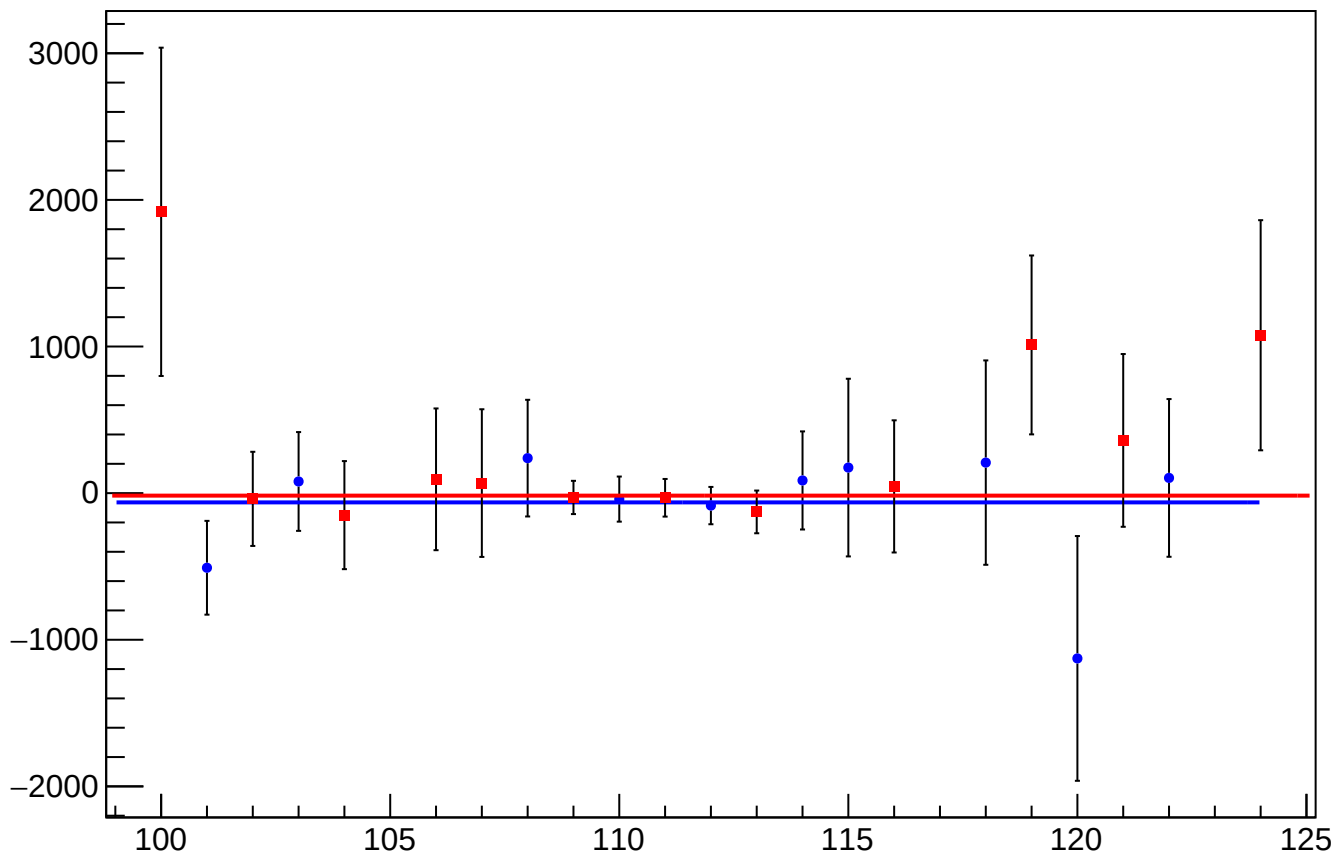
Right: 63.552+/-0.015 χ^2/NDF : 463320.1/21

In: 63.408+/-0.023 χ^2/NDF : 214139.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.552+/-0.015 χ^2/NDF : 463320.1/21

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -63.100+/-82.325 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -16.987+/-66.844 χ^2/NDF : 9.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

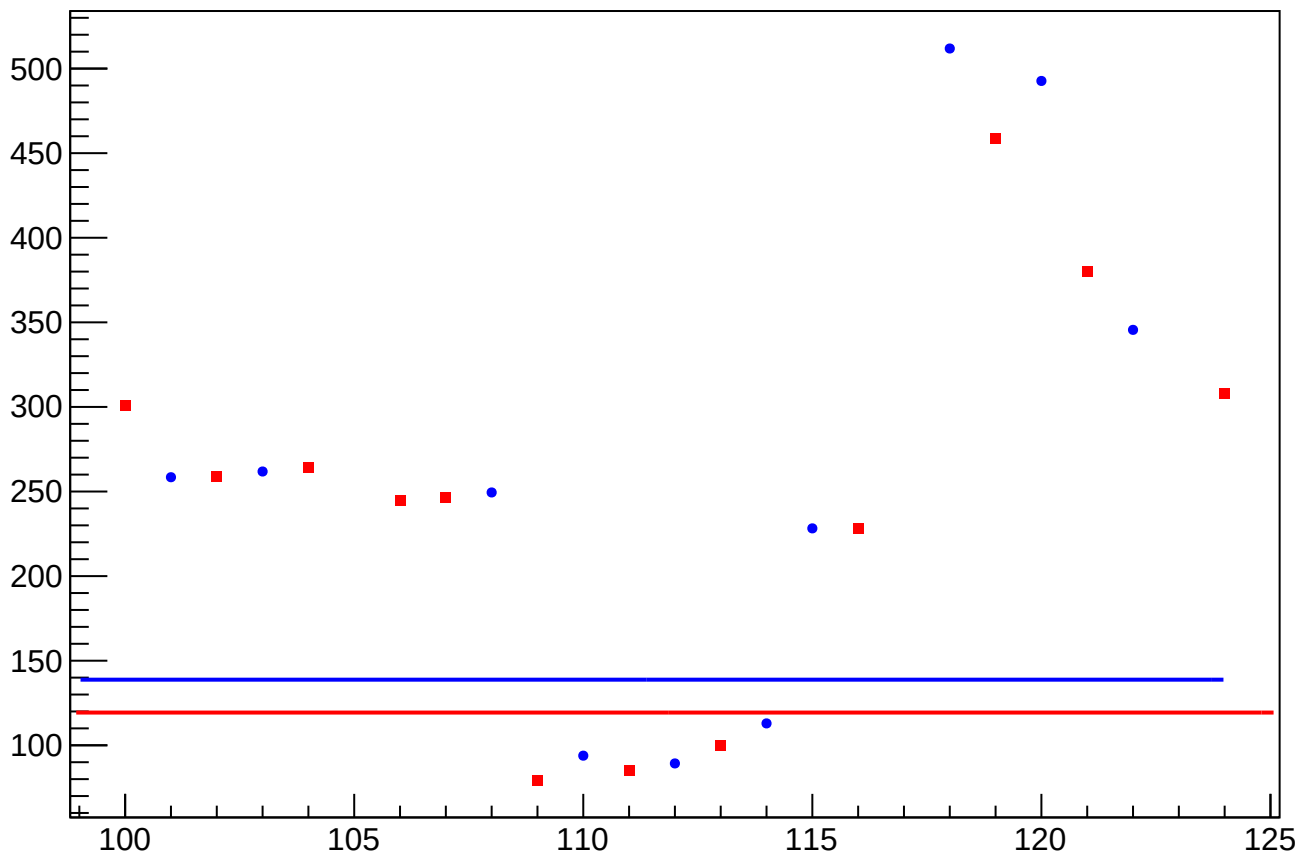
Right: -35.309+/-51.893 χ^2/NDF : 14.2/21

In: -63.100+/-82.325 χ^2/NDF :5.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.309+/-51.893 χ^2/NDF : 14.2/21

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 138.785+/-0.058 χ^2/NDF : 2458465.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 119.349+/-0.047 χ^2/NDF : 2671072.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

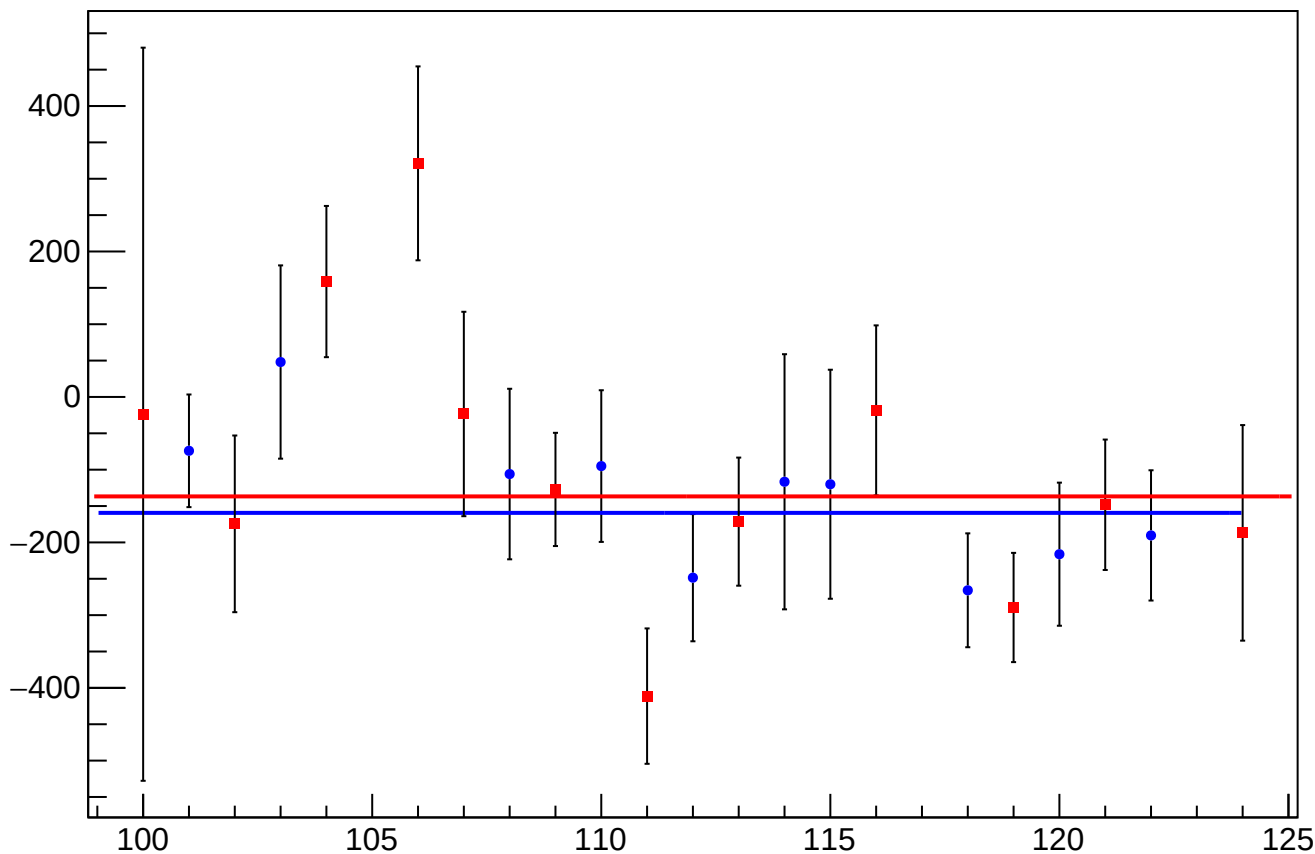
Right: 127.072+/-0.037 χ^2/NDF : 5196720.2/21

In: 138.785+/-0.058 χ^2/NDF :2458465.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 127.072+/-0.037 χ^2/NDF : 5196720.2/21

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -159.380+/-31.895 χ^2/NDF : 7.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -136.746+/-30.138 χ^2/NDF : 34.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

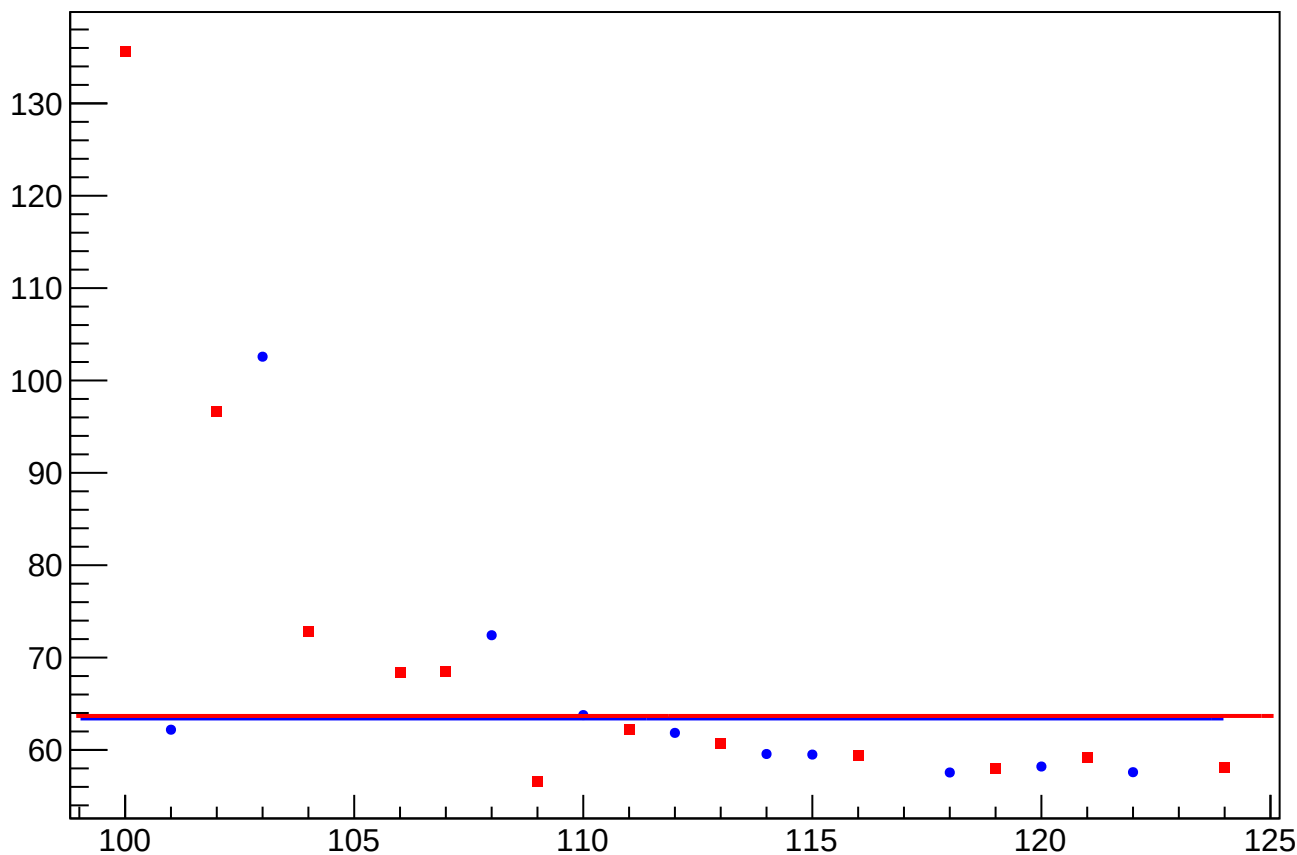
Right: -147.422+/-21.906 χ^2/NDF : 42.8/21

In: -159.380+/-31.895 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.422+/-21.906 χ^2/NDF : 42.8/21

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 63.408+/-0.023 χ^2/NDF : 214139.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.680+/-0.021 χ^2/NDF : 249103.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

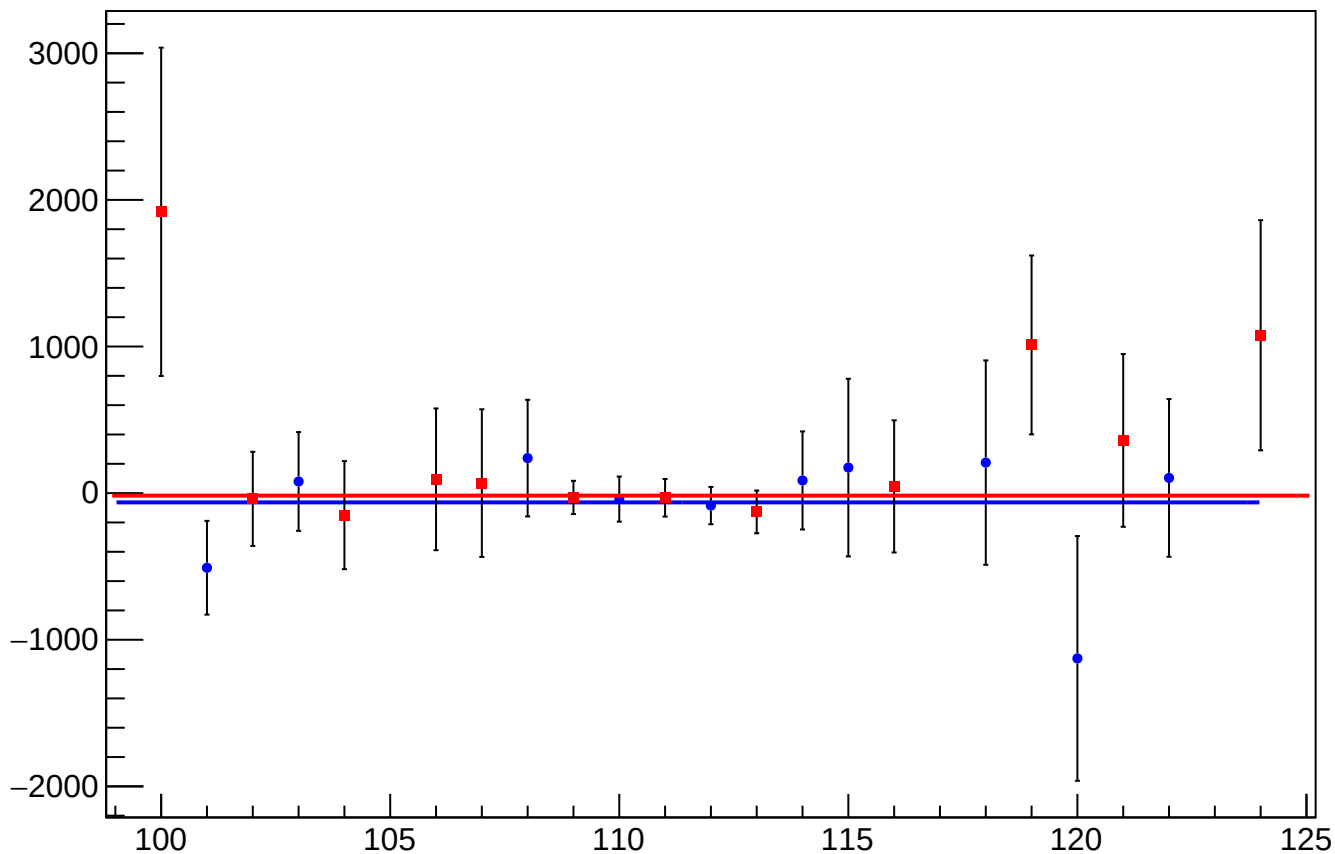
Right: 63.552+/-0.015 χ^2/NDF : 463320.1/21

In: 63.408+/-0.023 χ^2/NDF : 214139.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.552+/-0.015 χ^2/NDF : 463320.1/21

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -63.100+/-82.325 χ^2/NDF : 5.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -16.987+/-66.844 χ^2/NDF : 9.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

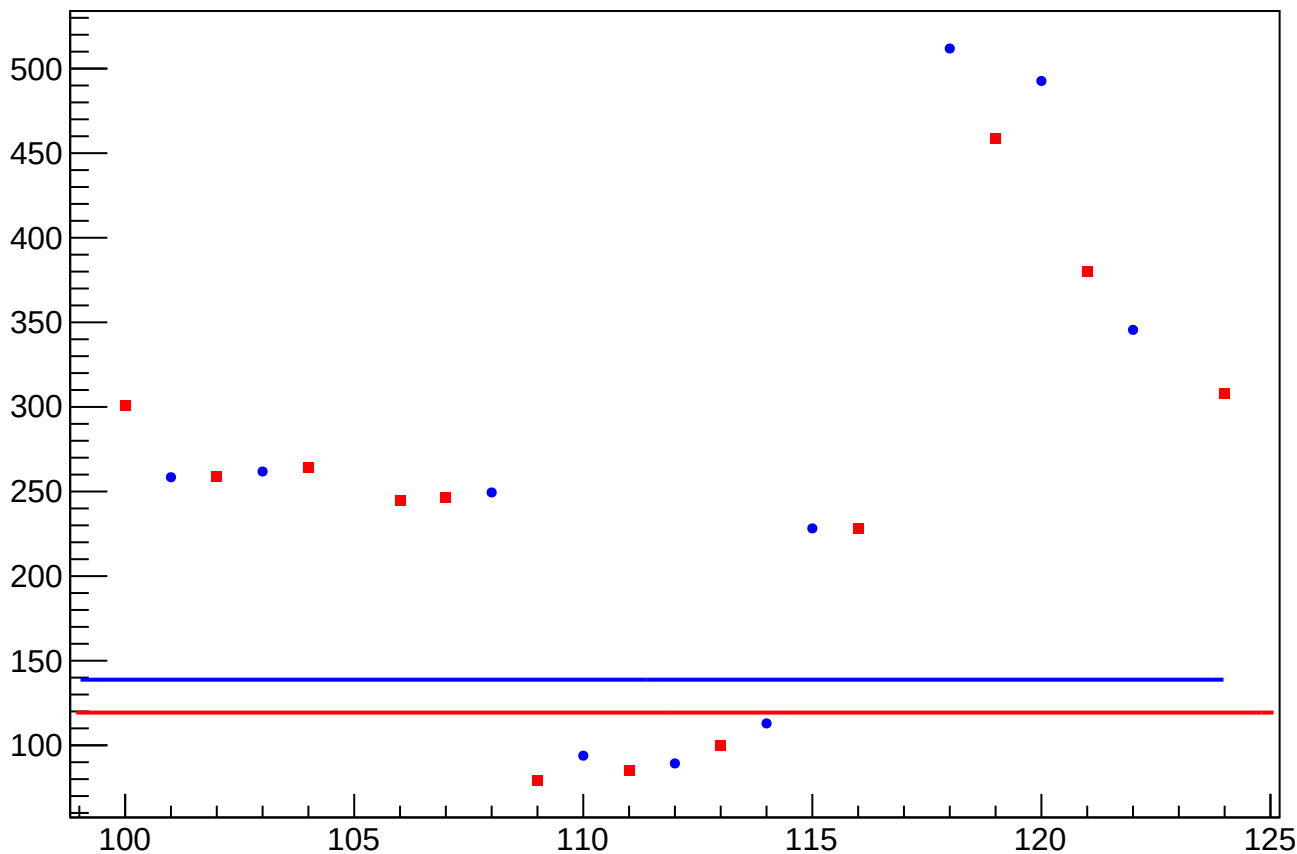
Right: -35.309+/-51.893 χ^2/NDF : 14.2/21

In: -63.100+/-82.325 χ^2/NDF :5.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.309+/-51.893 χ^2/NDF : 14.2/21

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 138.785+/-0.058 χ^2/NDF : 2458465.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 119.349+/-0.047 χ^2/NDF : 2671072.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

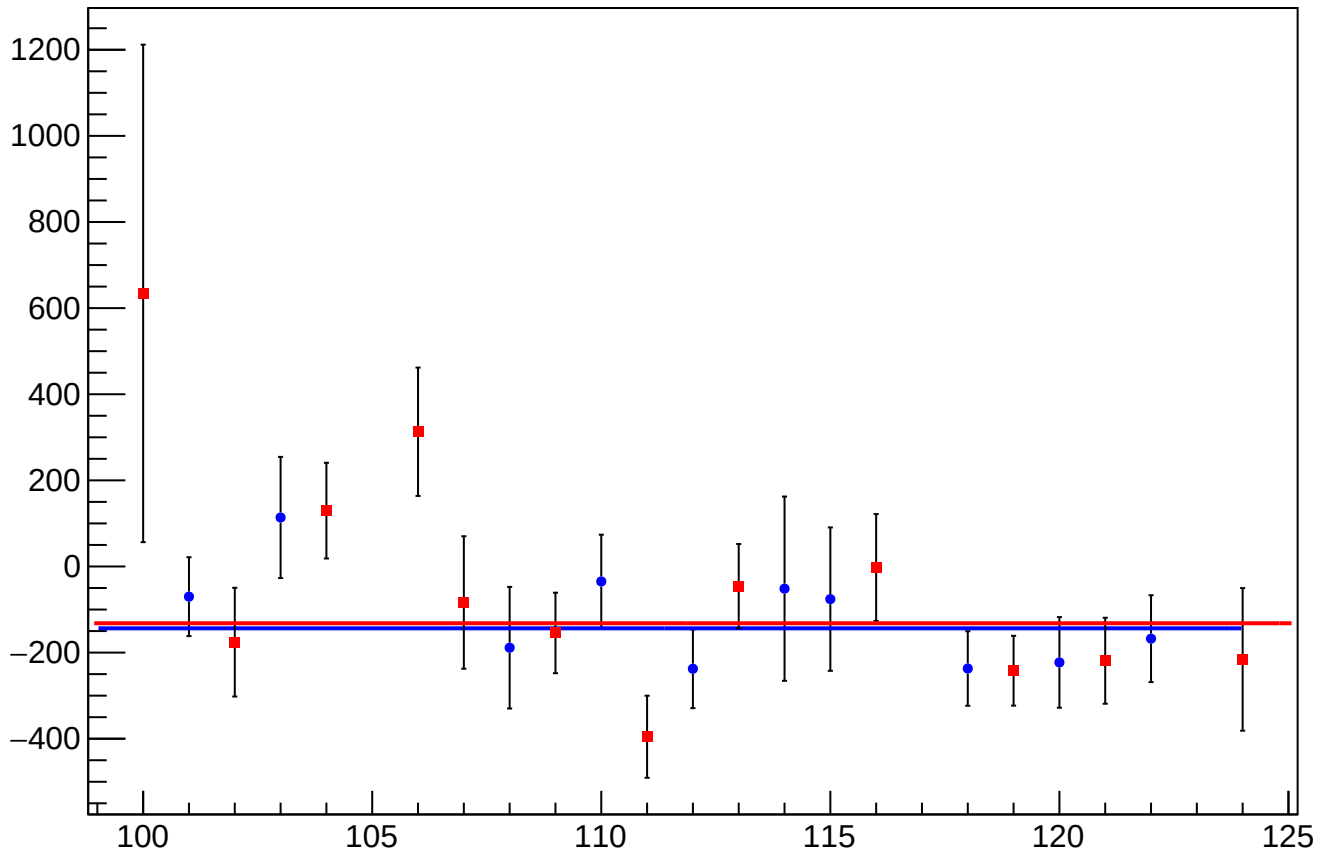
Right: 127.072+/-0.037 χ^2/NDF : 5196720.2/21

In: 138.785+/-0.058 χ^2/NDF :2458465.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 127.072+/-0.037 χ^2/NDF : 5196720.2/21

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -143.645+/-35.264 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.862+/-33.029 χ^2/NDF : 28.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

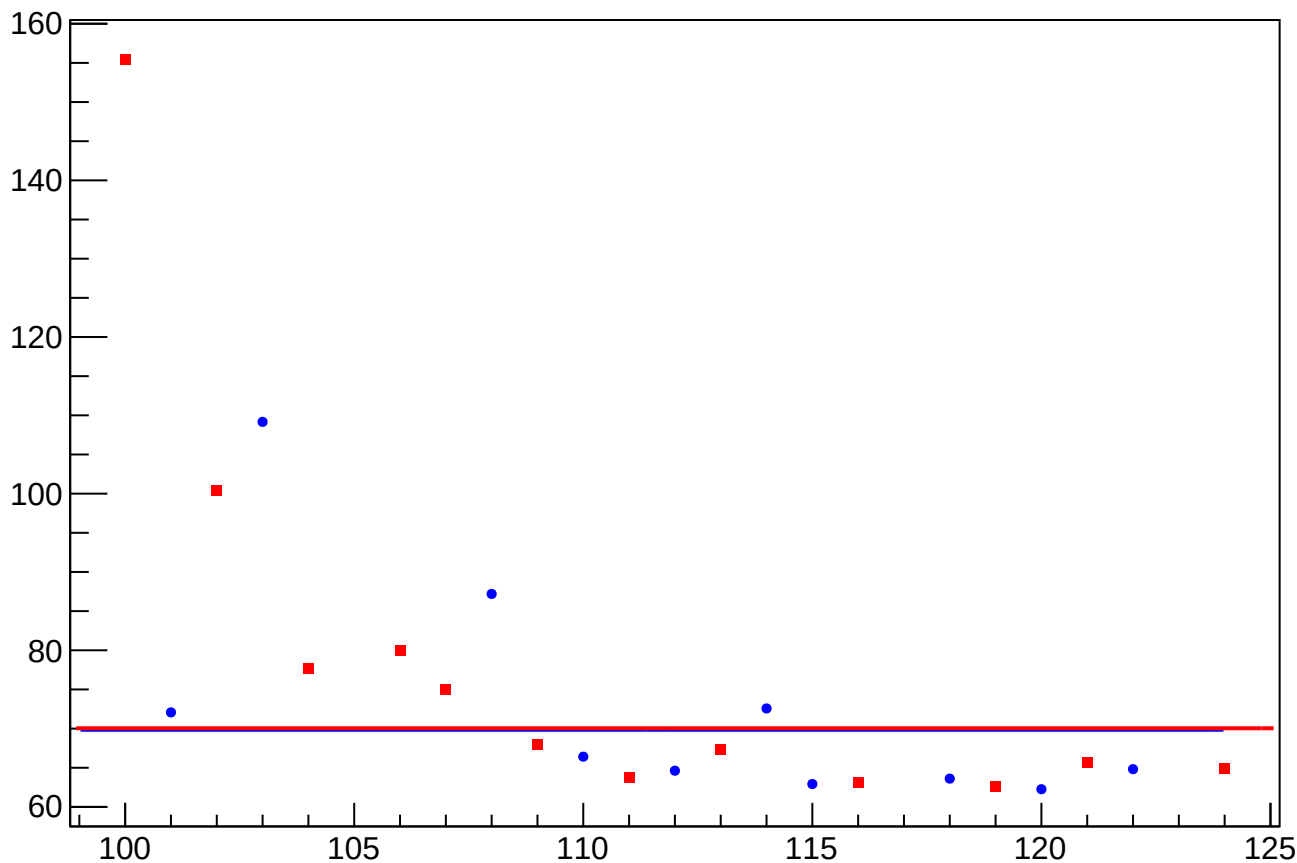
Right: -137.368+/-24.106 χ^2/NDF : 37.2/21

In: -143.645+/-35.264 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.368+/-24.106 χ^2/NDF : 37.2/21

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 69.853+/-0.025 χ^2/NDF : 225541.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 70.043+/-0.023 χ^2/NDF : 220603.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

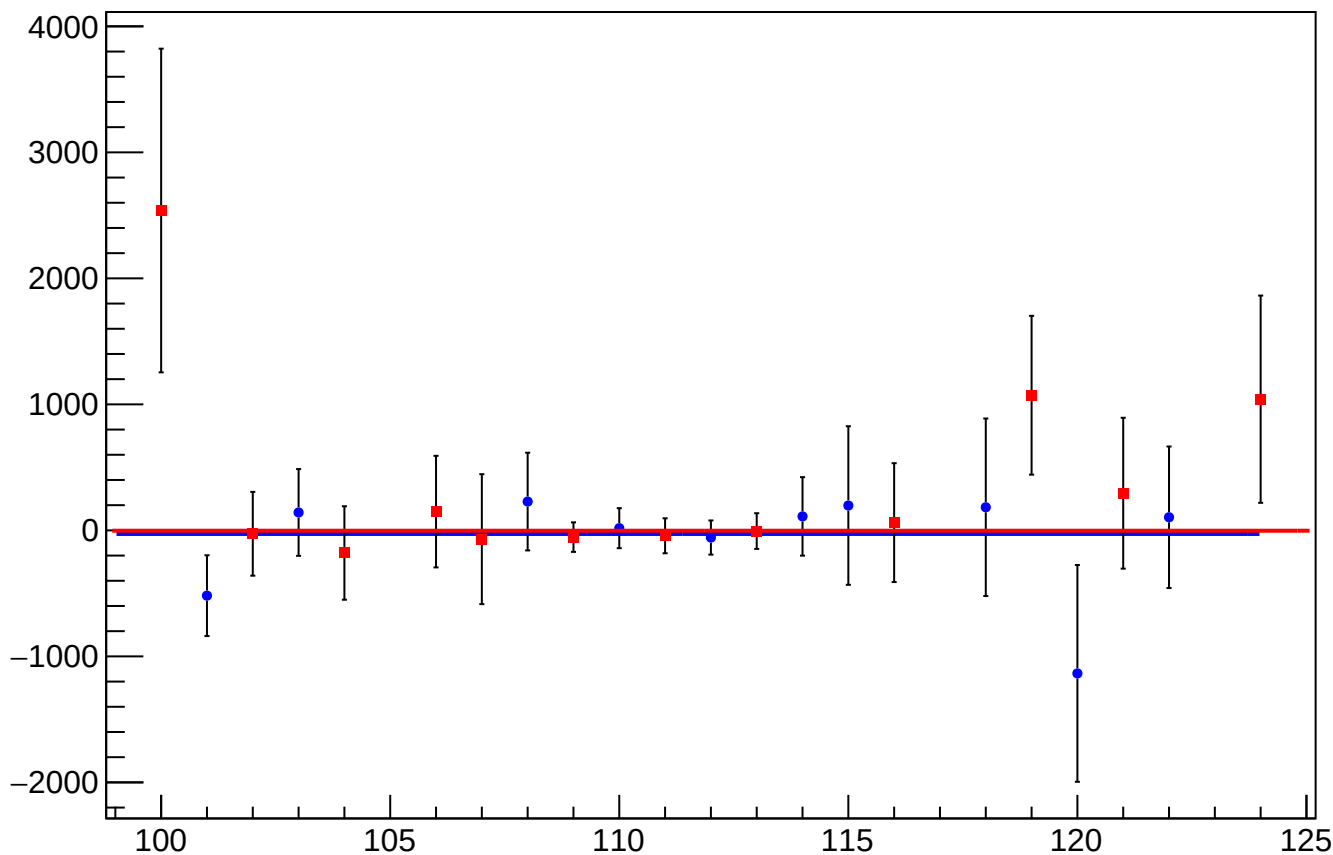
Right: 69.954+/-0.017 χ^2/NDF : 446176.4/21

In: 69.853+/-0.025 χ^2/NDF :225541.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 69.954+/-0.017 χ^2/NDF : 446176.4/21

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -28.357 $\pm$ 85.052 χ^2 /NDF: 5.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.737 $\pm$ 68.743 χ^2 /NDF: 9.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

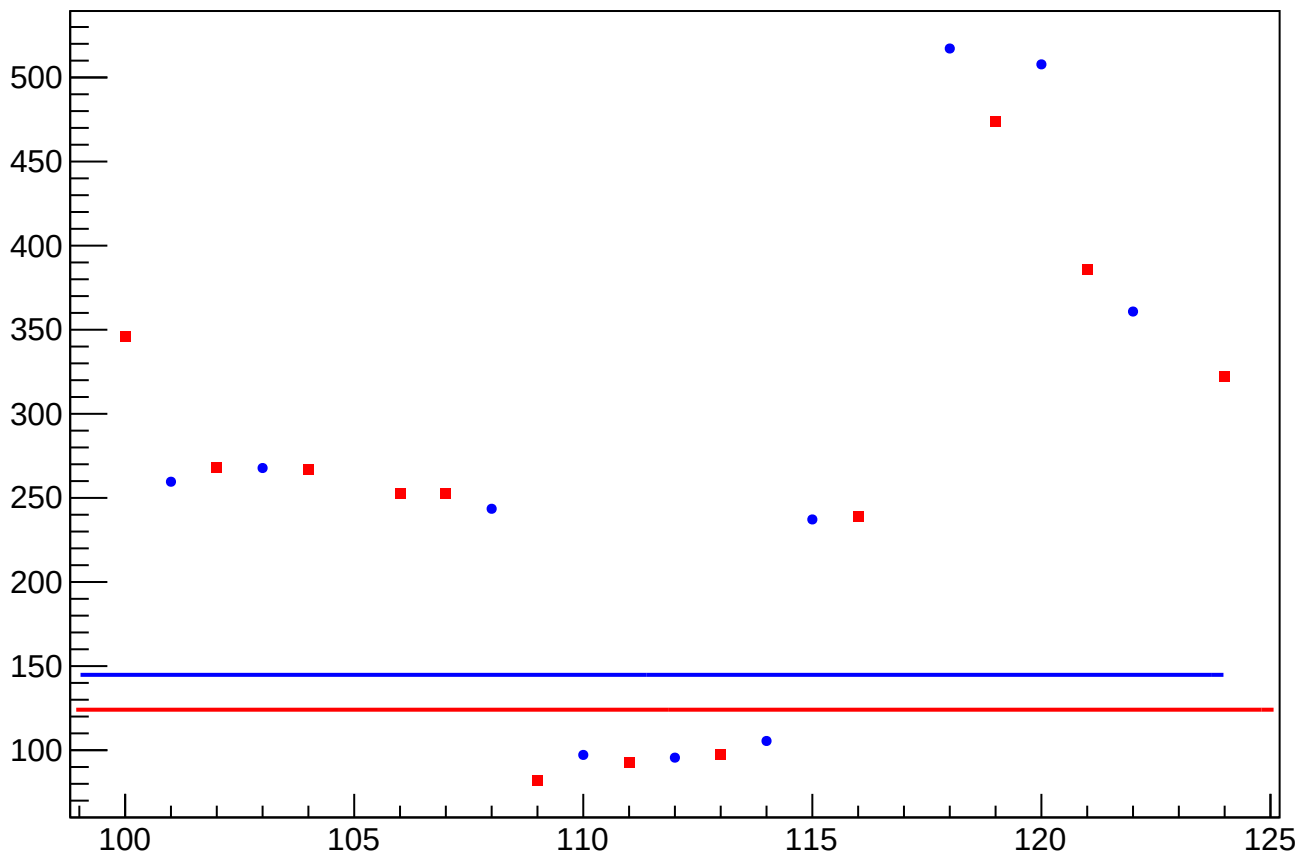
Right: -12.860 $\pm$ 53.463 χ^2 /NDF: 14.7/21

In: -28.357 $\pm$ 85.052 χ^2 /NDF:5.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.860 $\pm$ 53.463 χ^2 /NDF: 14.7/21

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 144.800+/-0.060 χ^2/NDF : 2371067.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.071+/-0.049 χ^2/NDF : 2690311.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

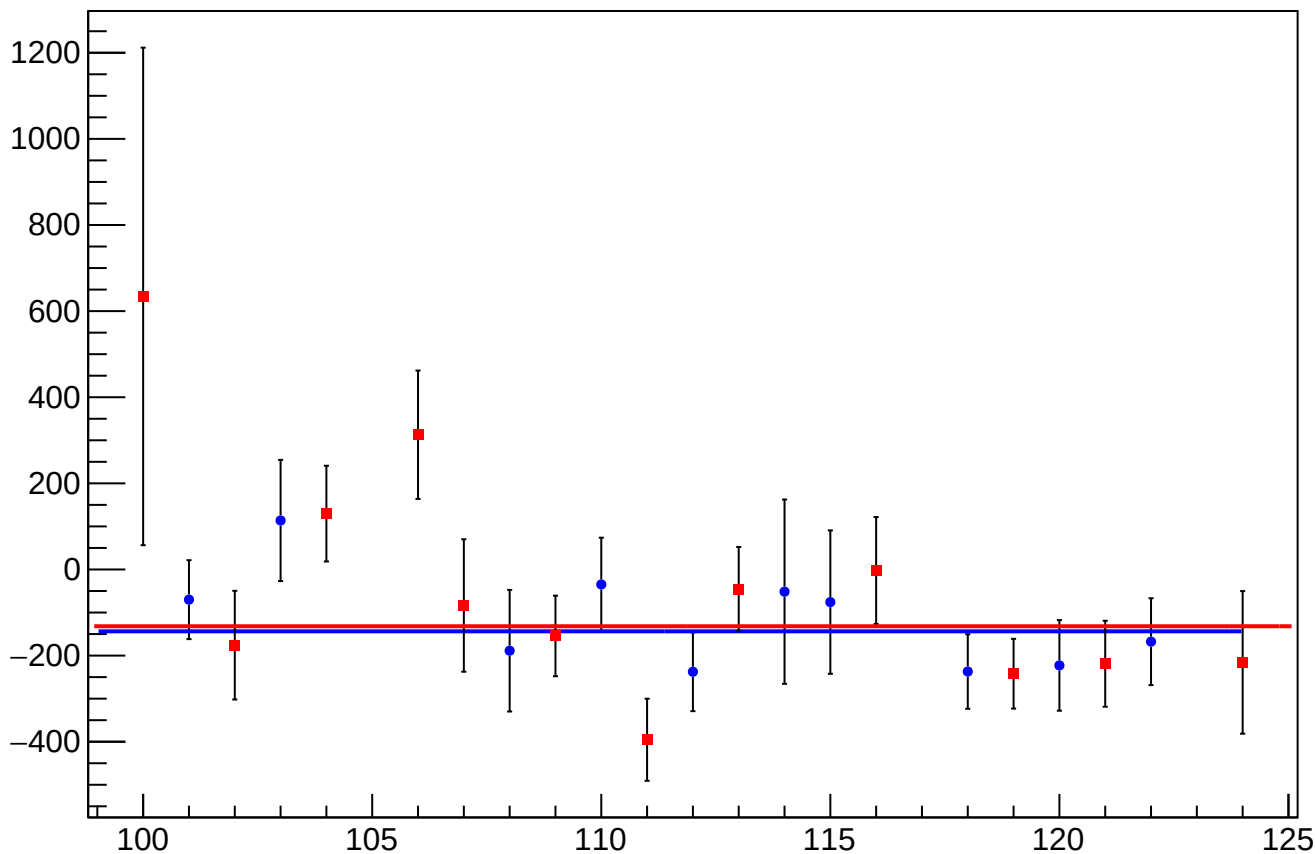
Right: 132.262+/-0.038 χ^2/NDF : 5133240.8/21

In: 144.800+/-0.060 χ^2/NDF : 2371067.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.262+/-0.038 χ^2/NDF : 5133240.8/21

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -143.644+/-35.264 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.863+/-33.029 χ^2/NDF : 28.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

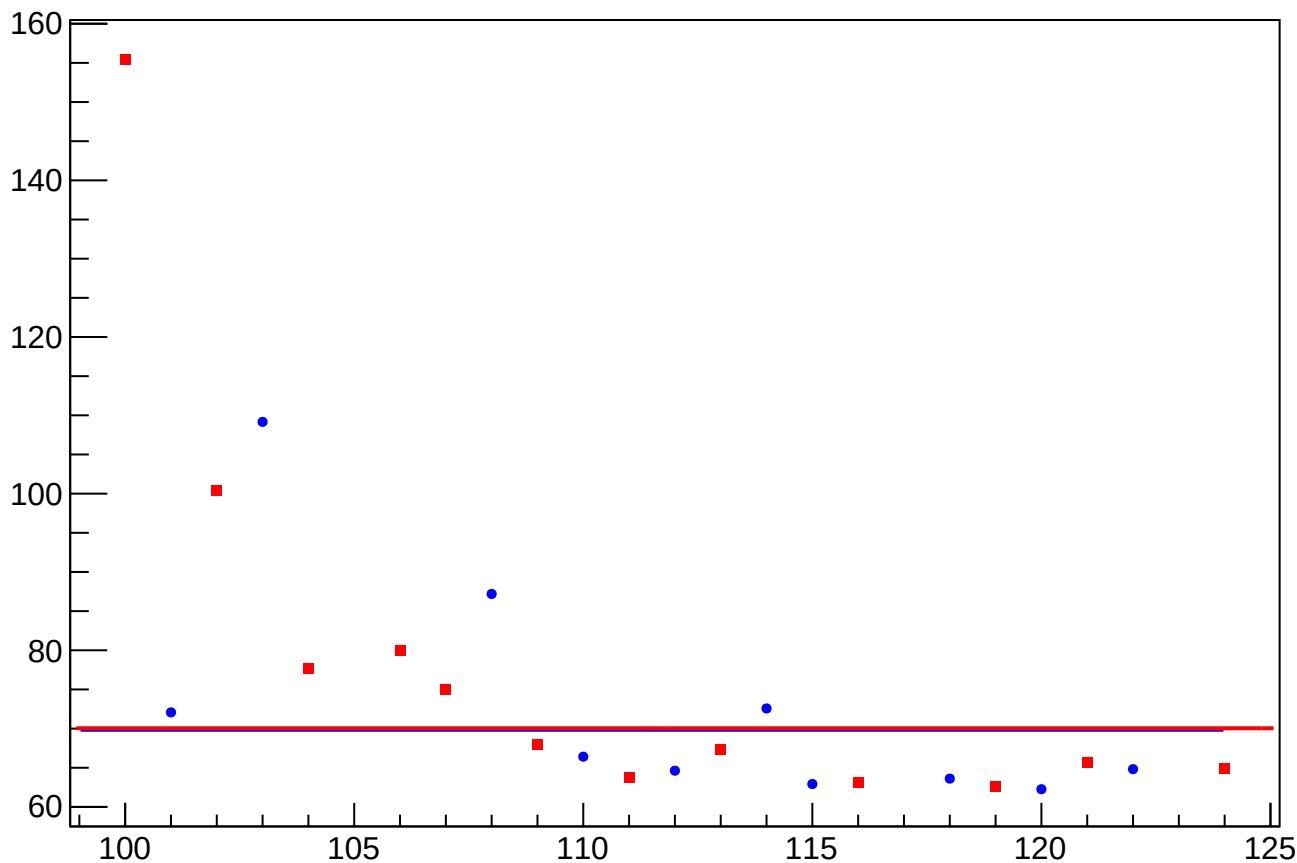
Right: -137.369+/-24.106 χ^2/NDF : 37.2/21

In: -143.644+/-35.264 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.369+/-24.106 χ^2/NDF : 37.2/21

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 69.853+/-0.025 χ^2/NDF : 225542.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.043+/-0.023 χ^2/NDF : 220605.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

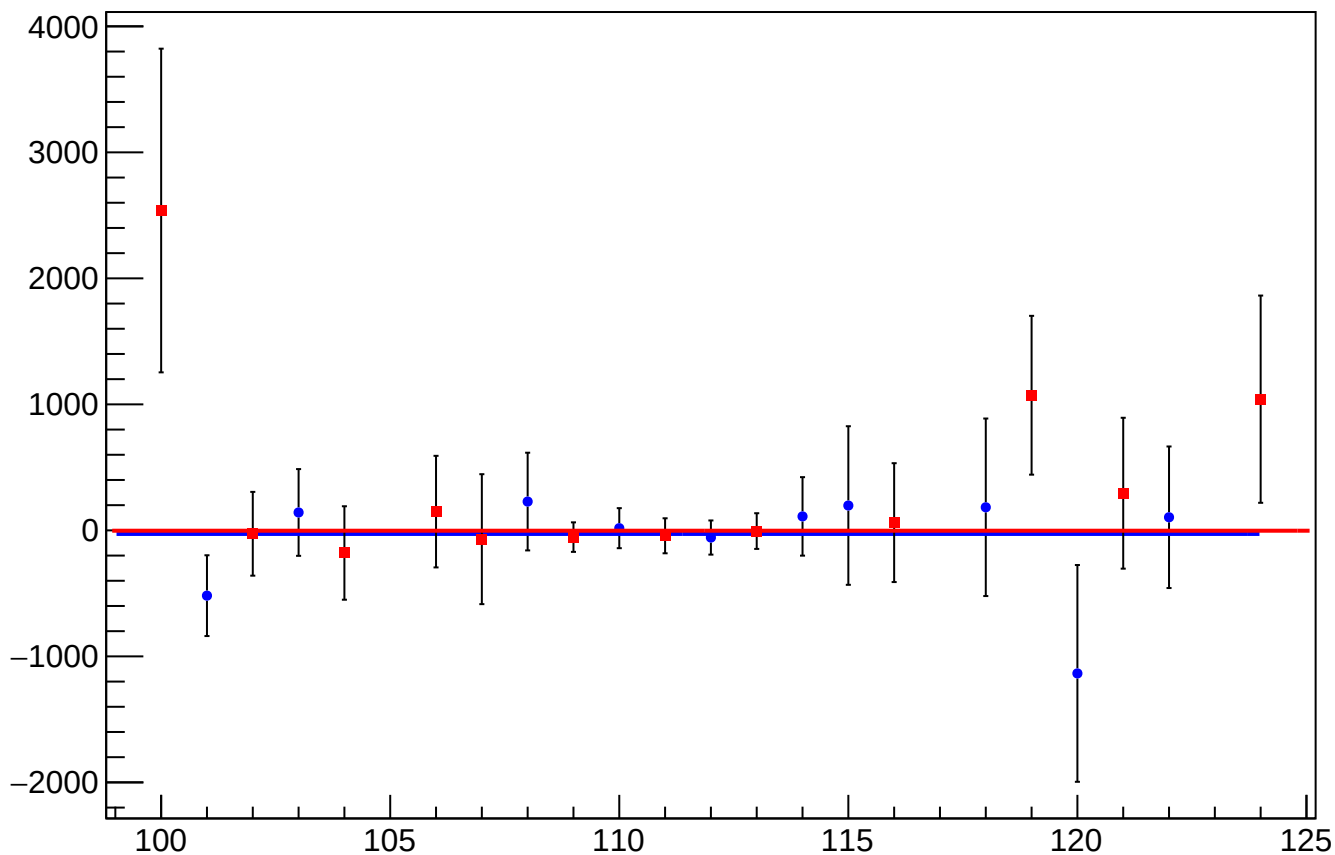
Right: 69.954+/-0.017 χ^2/NDF : 446178.8/21

In: 69.853+/-0.025 χ^2/NDF : 225542.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.954+/-0.017 χ^2/NDF : 446178.8/21

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -28.356+/-85.051 χ^2 /NDF: 5.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.739+/-68.743 χ^2 /NDF: 9.3/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

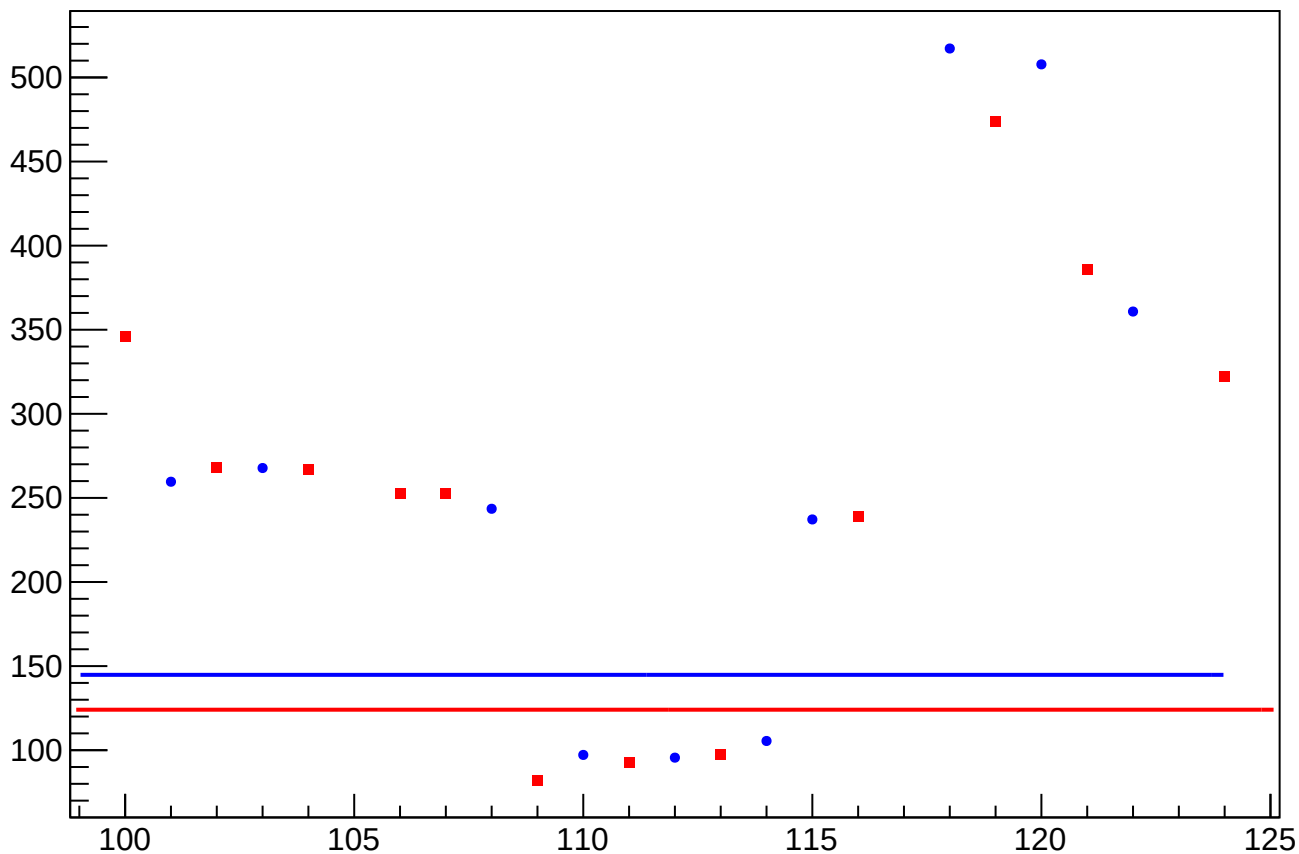
Right: -12.861+/-53.463 χ^2 /NDF: 14.7/21

In: -28.356+/-85.051 χ^2 /NDF:5.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -12.861+/-53.463 χ^2 /NDF: 14.7/21

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 144.799+/-0.060 χ^2/NDF : 2371077.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.070+/-0.049 χ^2/NDF : 2690297.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

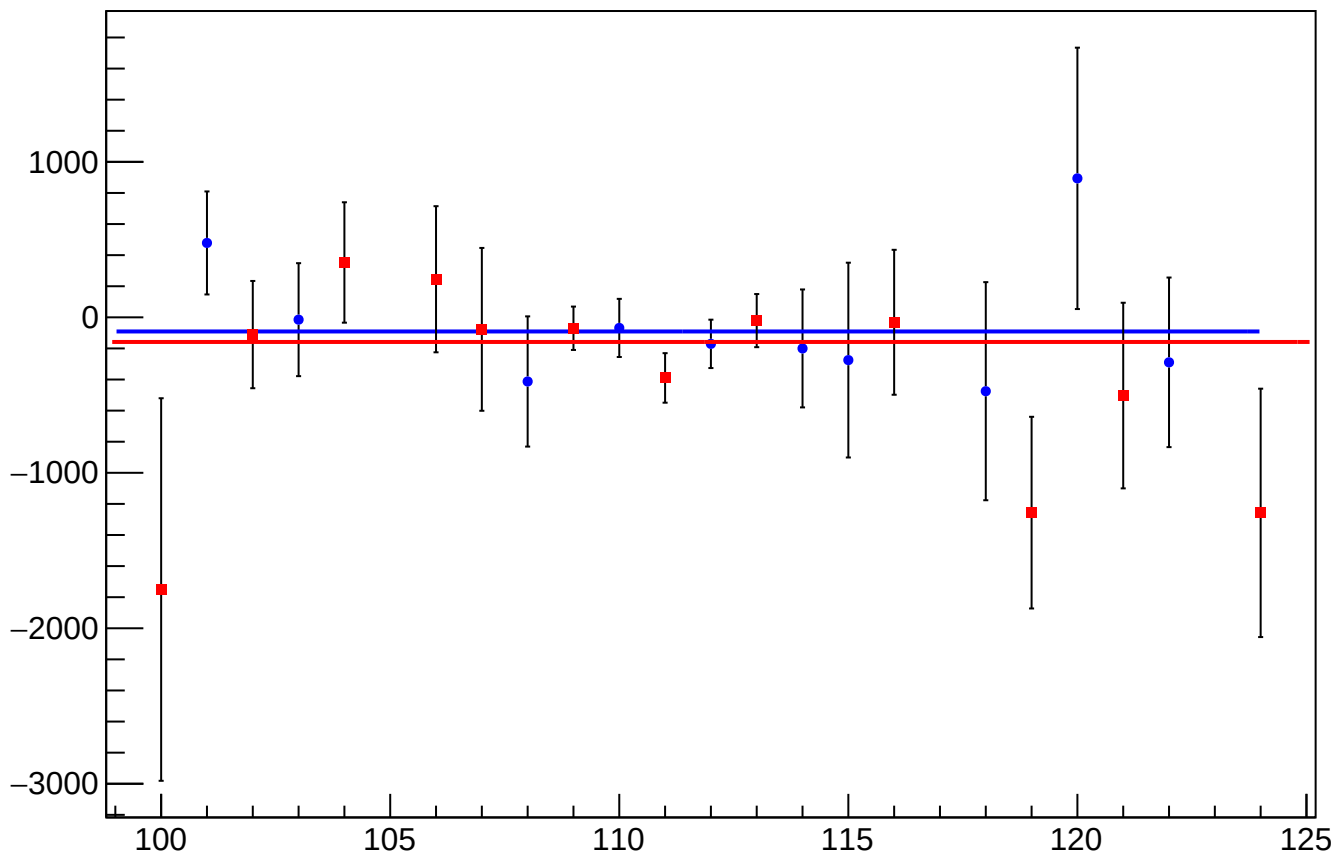
Right: 132.261+/-0.038 χ^2/NDF : 5133231.9/21

In: 144.799+/-0.060 χ^2/NDF : 2371077.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.261+/-0.038 χ^2/NDF : 5133231.9/21

asym_sam8_mean vs Slug, Sign Corrected



Right In: -90.878 ± 95.953 χ^2/NDF : 5.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -158.396 ± 78.910 χ^2/NDF : 12.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

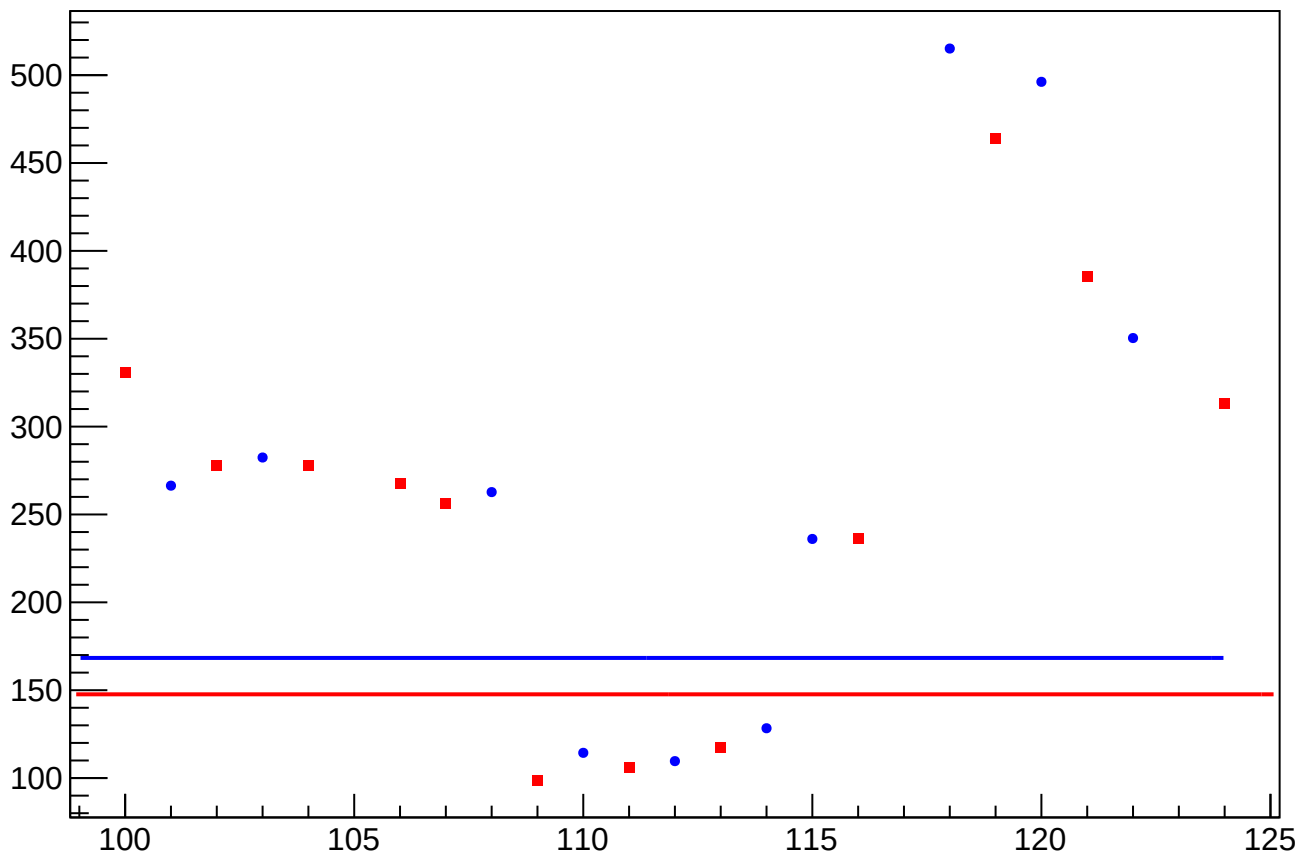
Right: -131.156 ± 60.947 χ^2/NDF : 19.0/21

In: -90.878 ± 95.953 χ^2/NDF : 5.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -131.156 ± 60.947 χ^2/NDF : 19.0/21

asym_sam8_rms vs Slug, Sign Corrected



Right In: 168.361+/-0.068 χ^2/NDF : 1987013.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.655+/-0.056 χ^2/NDF : 2220887.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

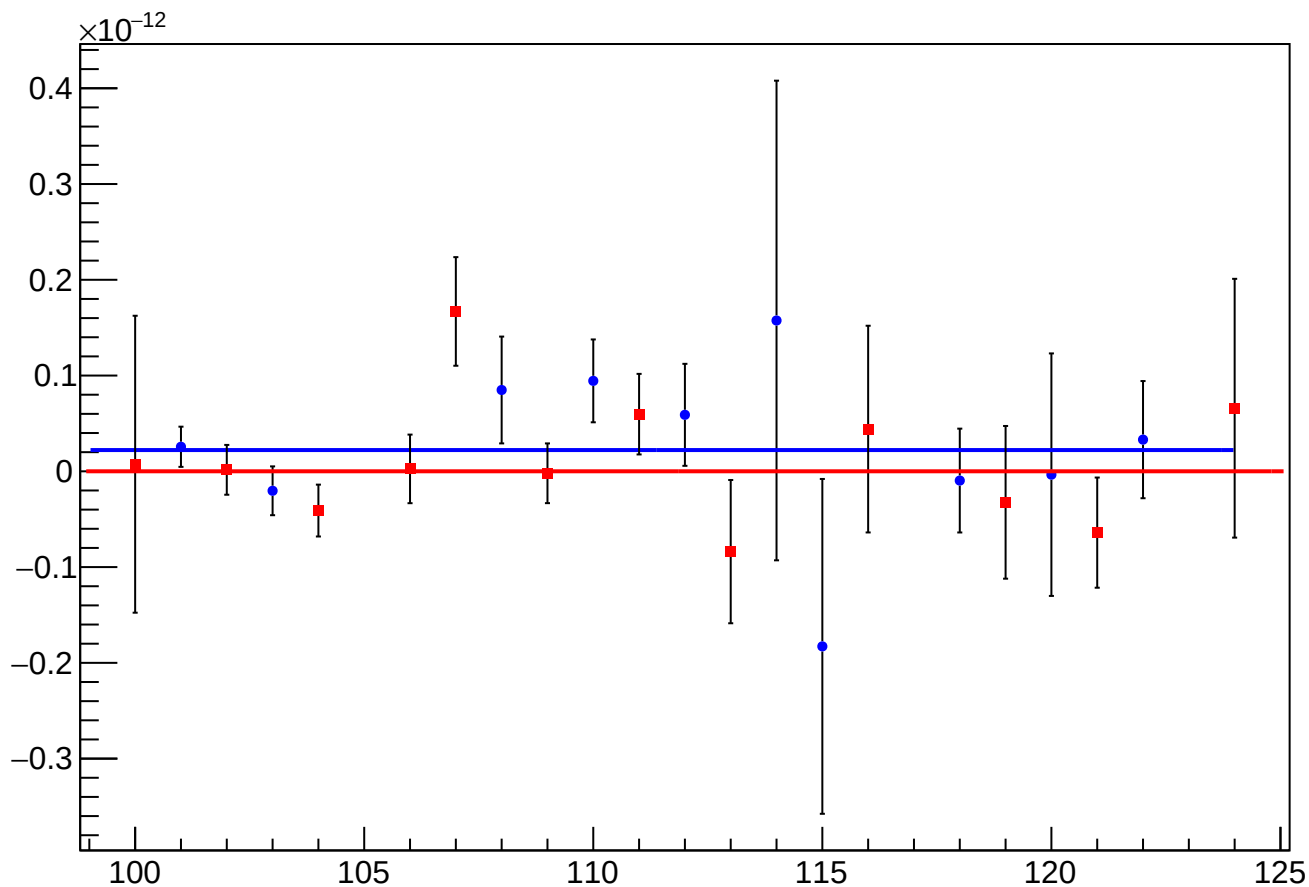
Right: 156.009+/-0.043 χ^2/NDF : 4263458.0/21

In: 168.361+/-0.068 χ^2/NDF : 1987013.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.009+/-0.043 χ^2/NDF : 4263458.0/21

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

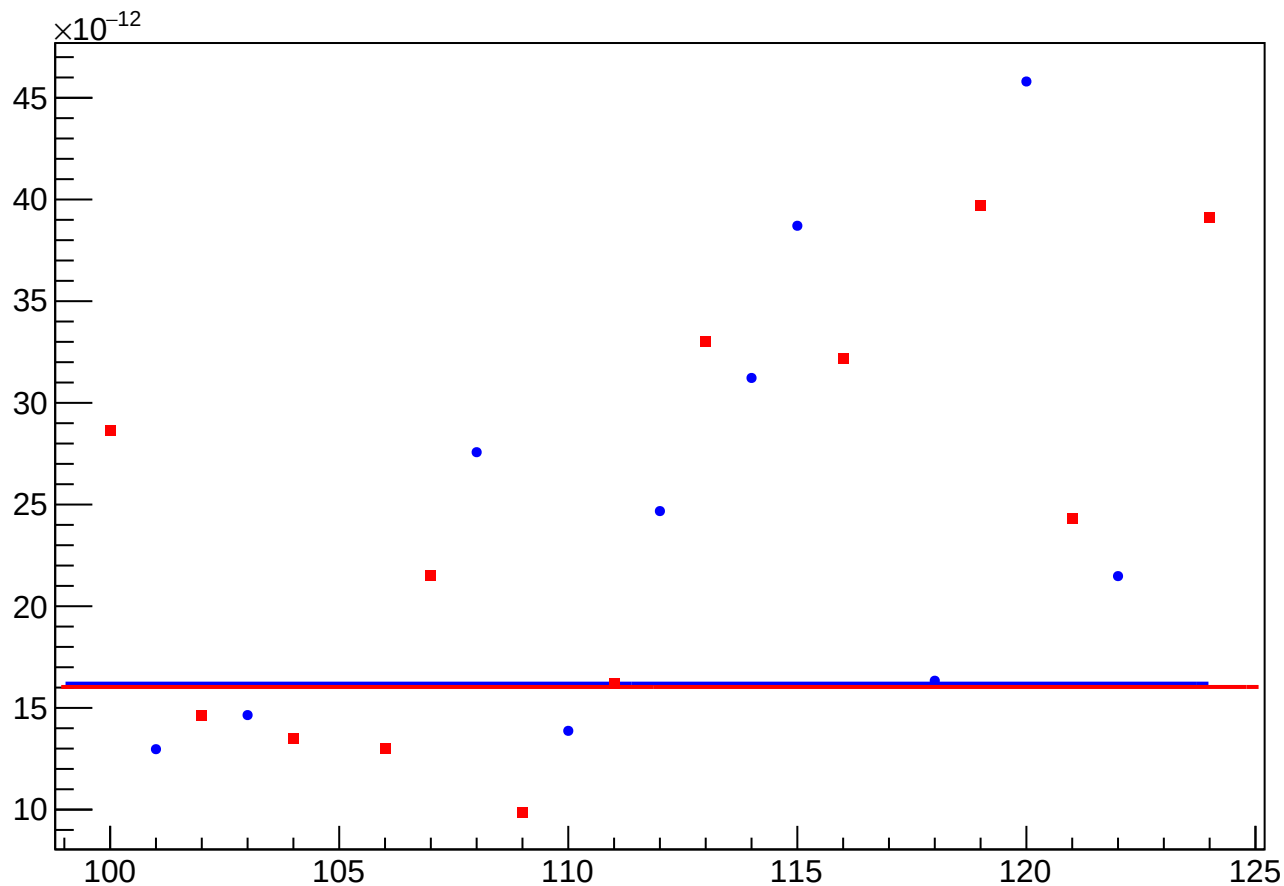
Right: 0.000+/-0.000 χ^2/NDF : 27.0/21

In: 0.000+/-0.000 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.0/21

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 359052.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 572139.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

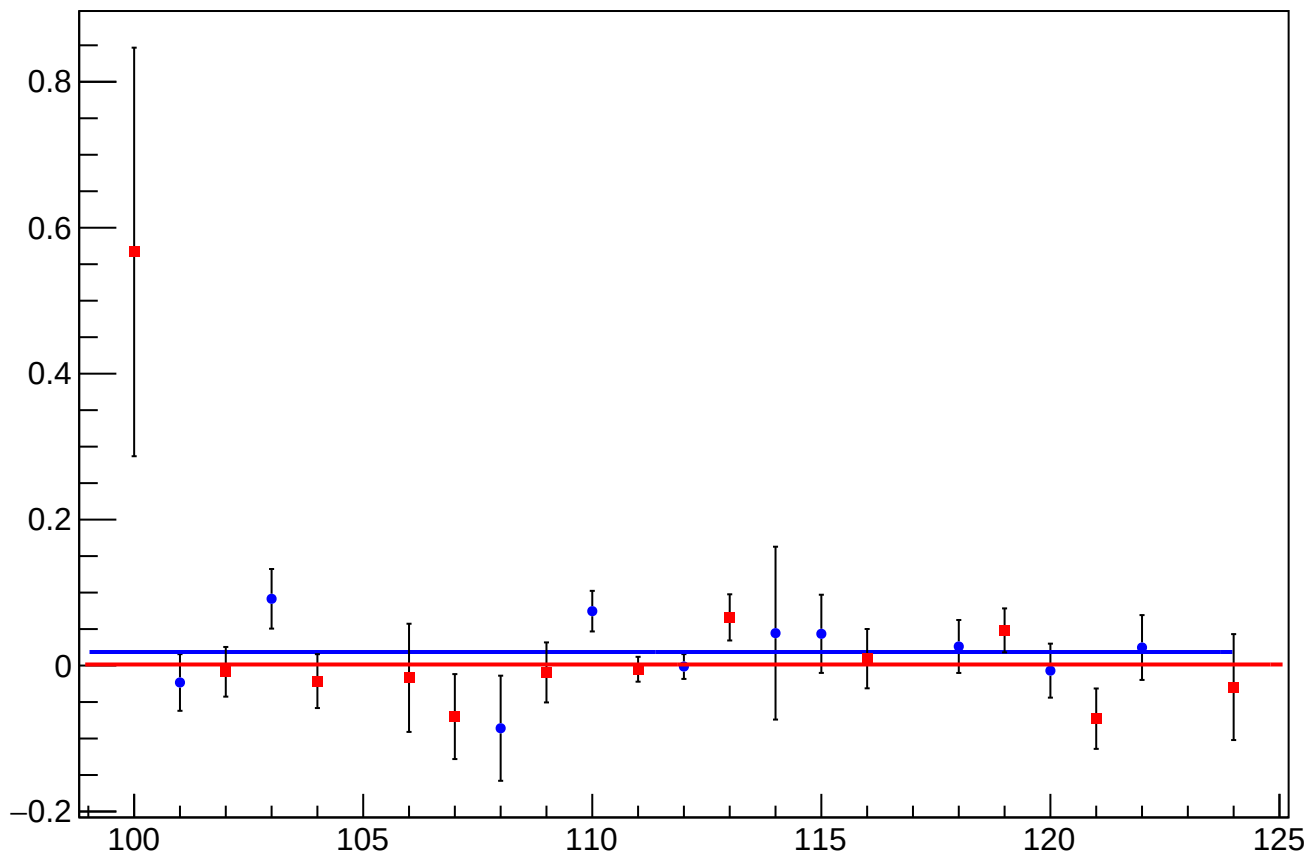
Right: 0.000+/-0.000 χ^2/NDF : 931351.2/21

In: 0.000+/-0.000 χ^2/NDF : 359052.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 931351.2/21

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.011 χ^2/NDF : 12.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 16.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

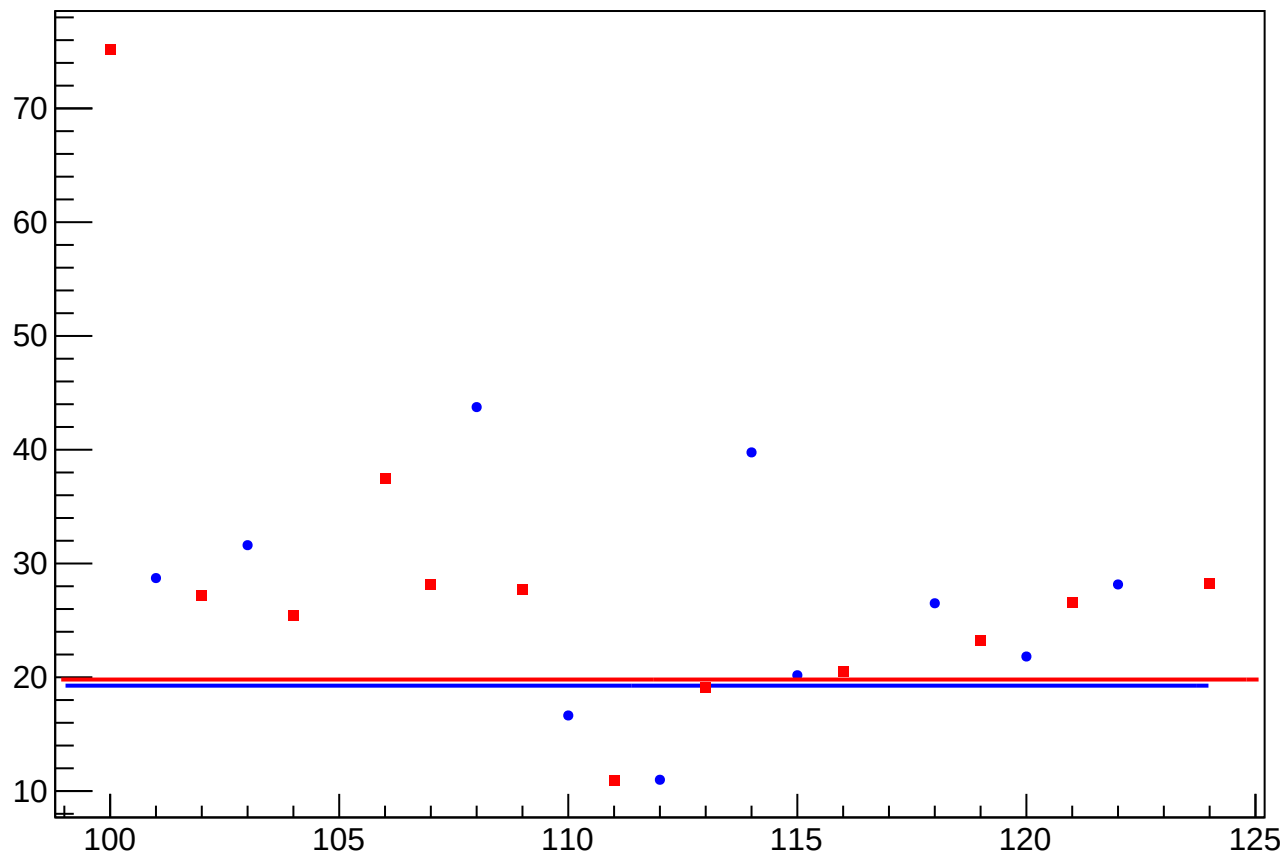
Right: 0.010+/-0.007 χ^2/NDF : 30.3/21

In: 0.019+/-0.011 χ^2/NDF :12.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.007 χ^2/NDF : 30.3/21

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.263+/-0.008 χ^2/NDF : 1254295.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.802+/-0.007 χ^2/NDF : 1100111.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

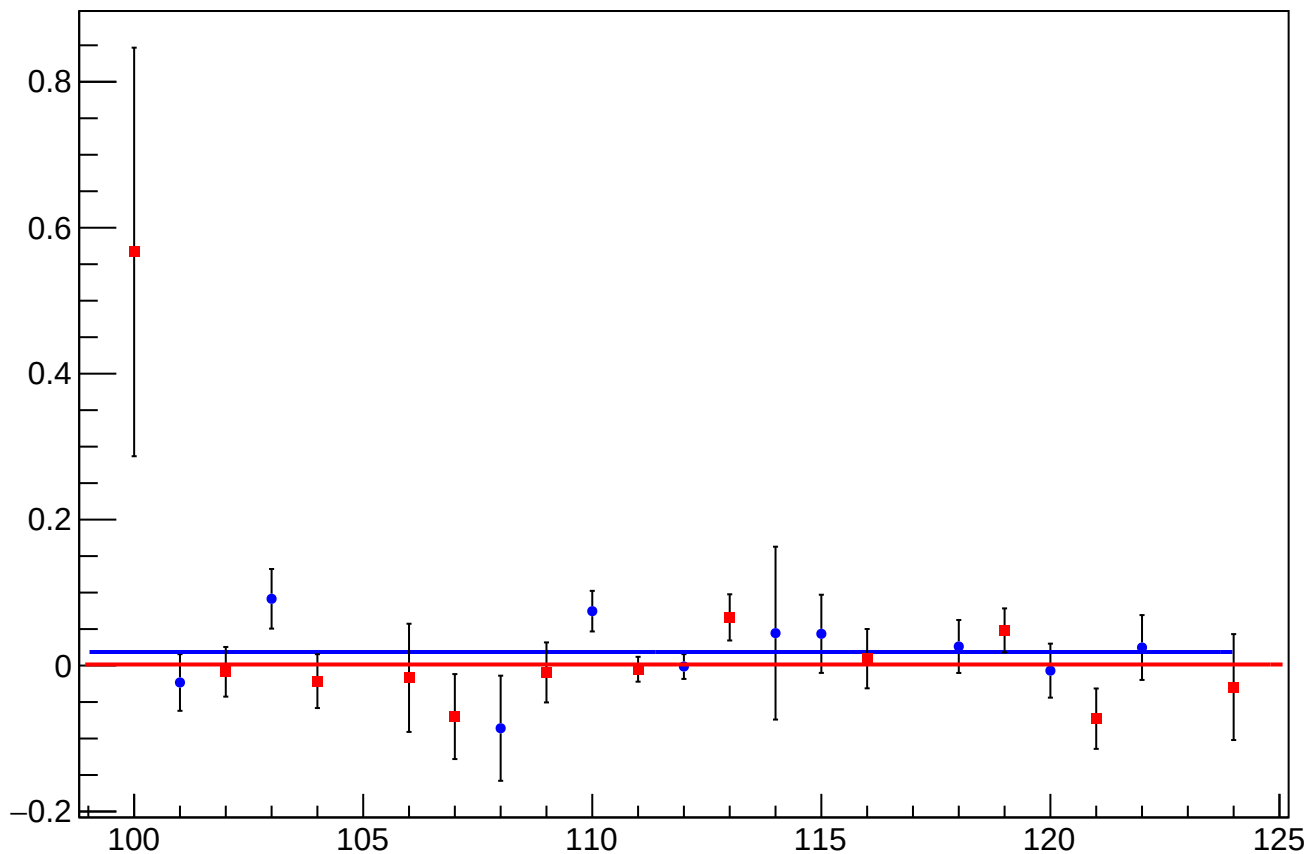
Right: 19.547+/-0.005 χ^2/NDF : 2357043.1/21

In: 19.263+/-0.008 χ^2/NDF : 1254295.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.547+/-0.005 χ^2/NDF : 2357043.1/21

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.011 χ^2/NDF : 12.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 16.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

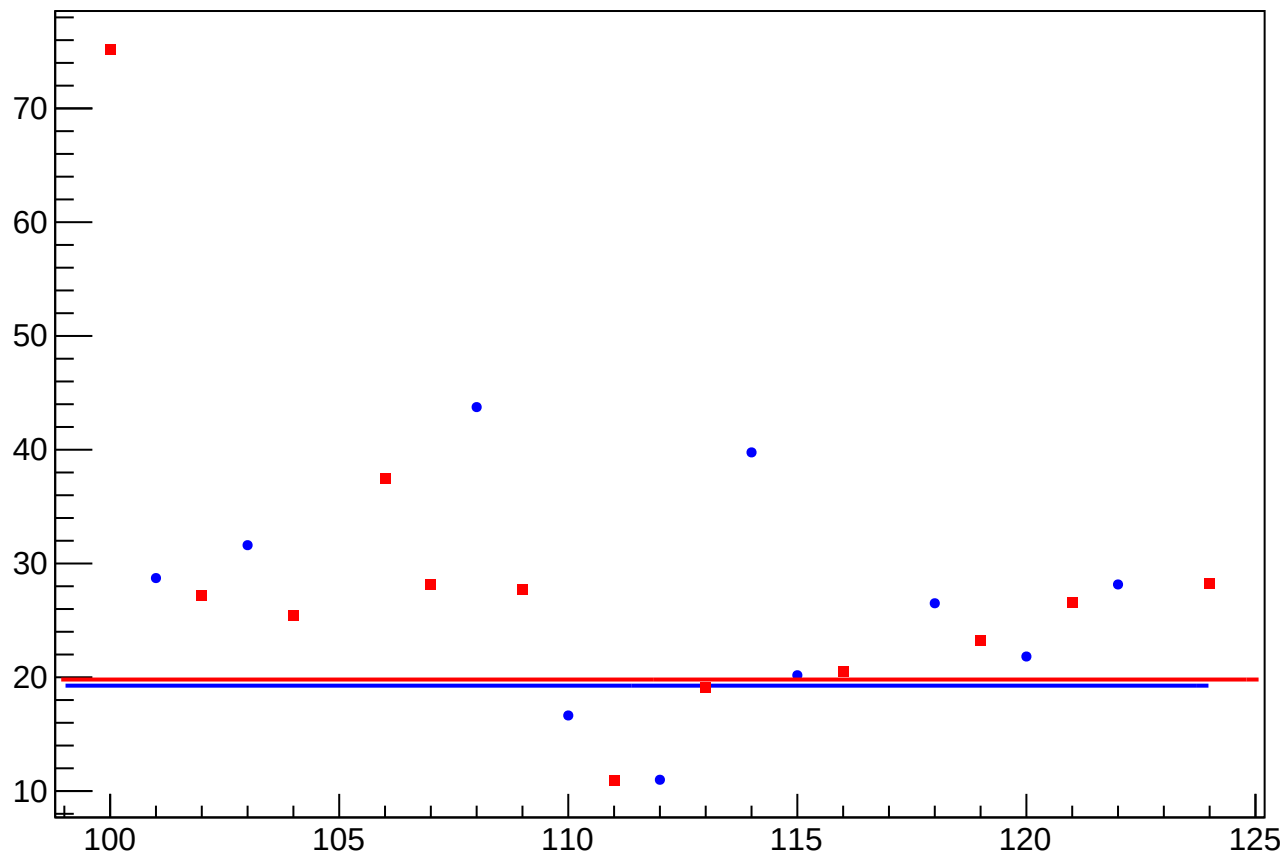
Right: 0.010+/-0.007 χ^2/NDF : 30.3/21

In: 0.019+/-0.011 χ^2/NDF :12.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.007 χ^2/NDF : 30.3/21

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.263+/-0.008 χ^2/NDF : 1254295.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.802+/-0.007 χ^2/NDF : 1100111.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

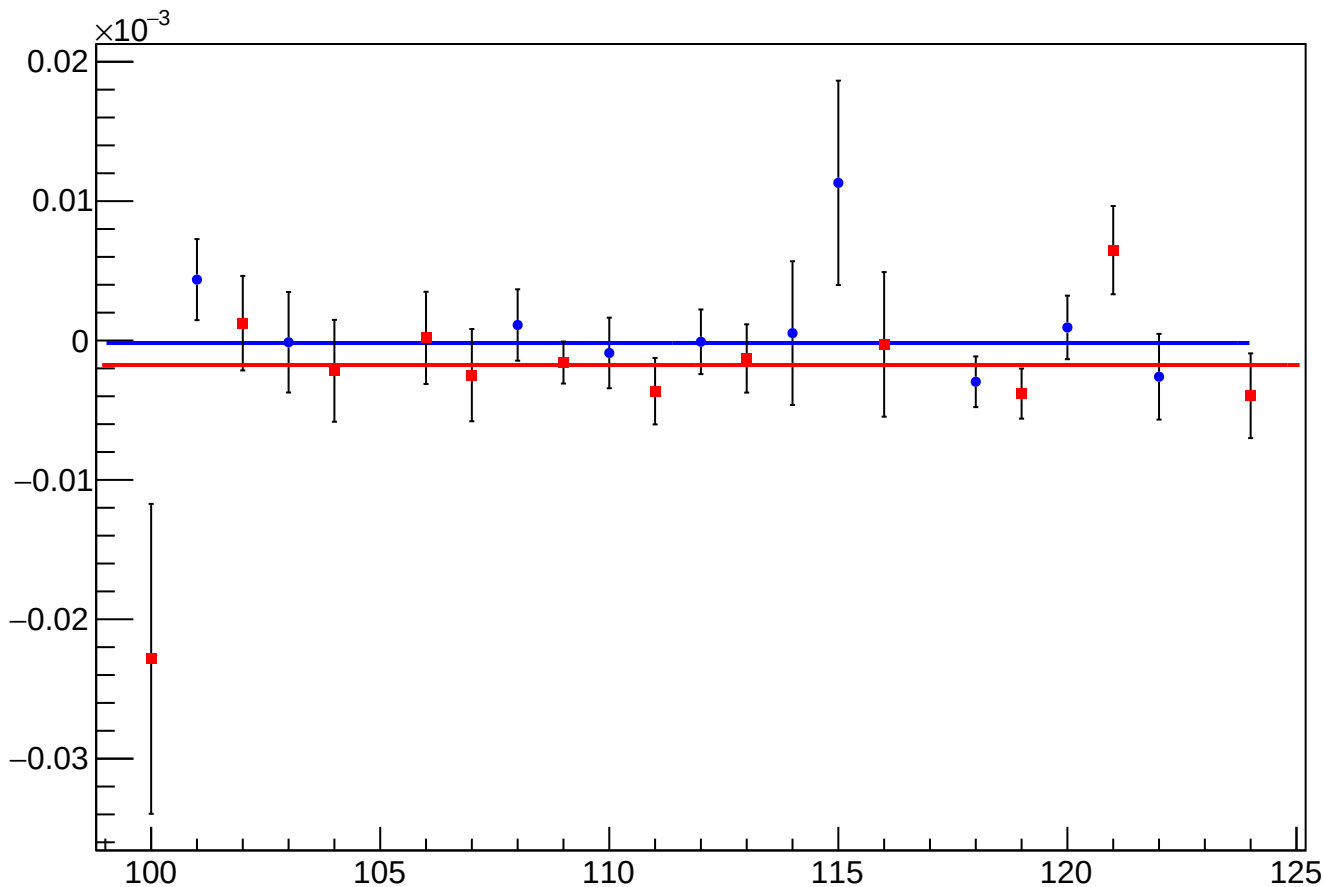
Right: 19.547+/-0.005 χ^2/NDF : 2357043.1/21

In: 19.263+/-0.008 χ^2/NDF :1254295.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.547+/-0.005 χ^2/NDF : 2357043.1/21

asym_sam8_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: 14.1/11

Left In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

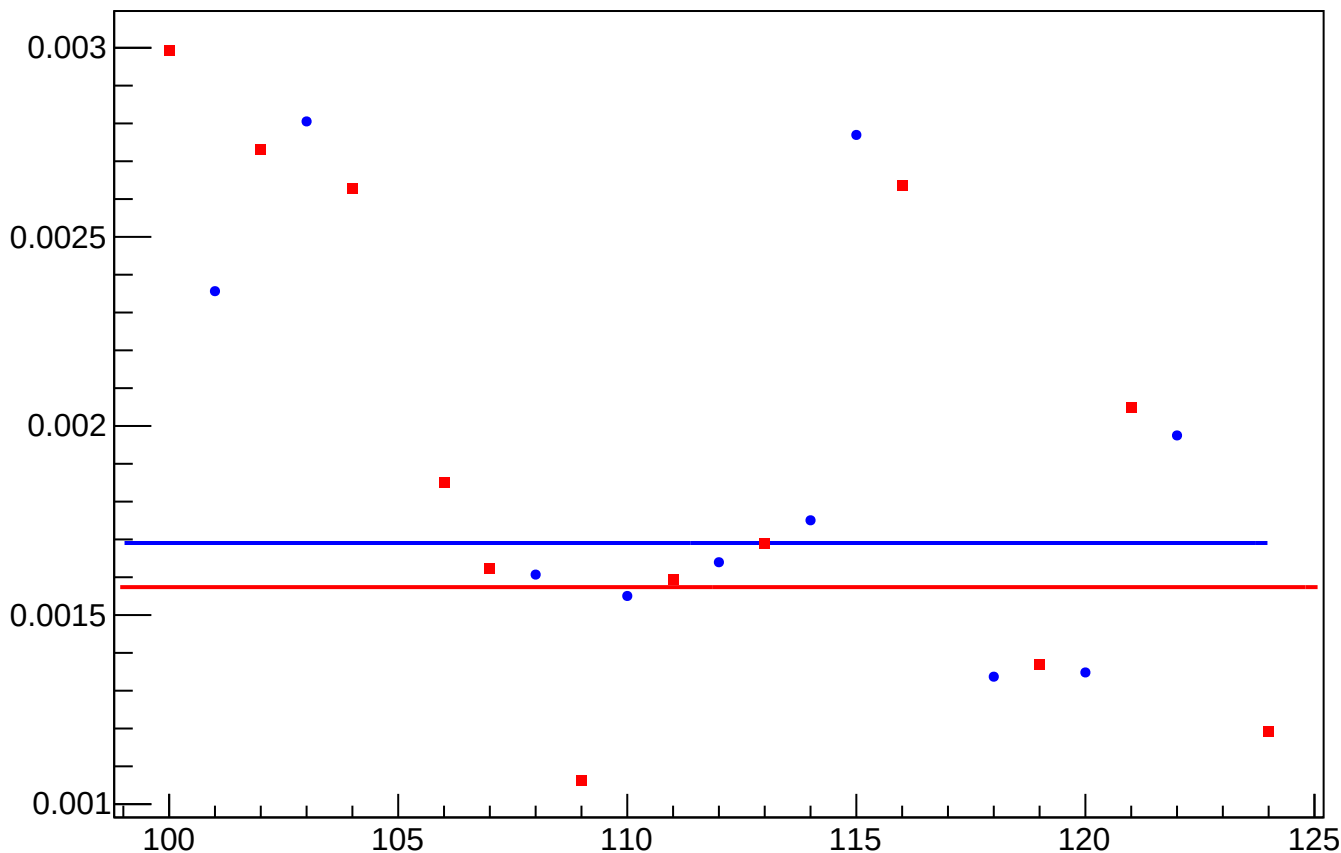
Right: -0.000 +/- 0.000 χ^2 /NDF: 24.5/21

In: -0.000 +/- 0.000 χ^2 /NDF: 8.4/9

Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

All: -0.000 +/- 0.000 χ^2 /NDF: 24.5/21

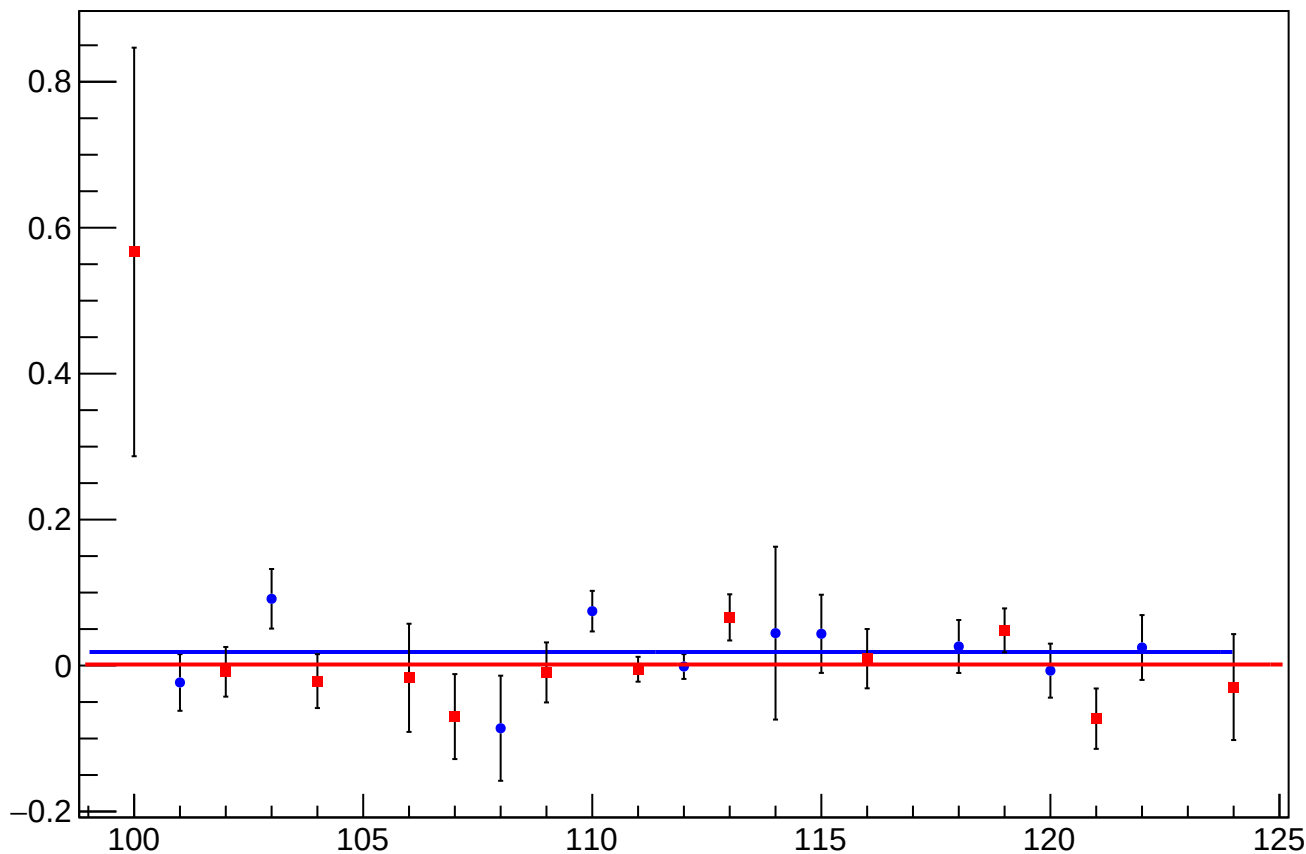
asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 486220.5/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 867415.4/11
 Left 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 : 1374045.0/21
 In: 0.002+/-0.000 χ^2/NDF : 486220.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 1374045.0/21

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.011 χ^2/NDF : 12.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 16.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

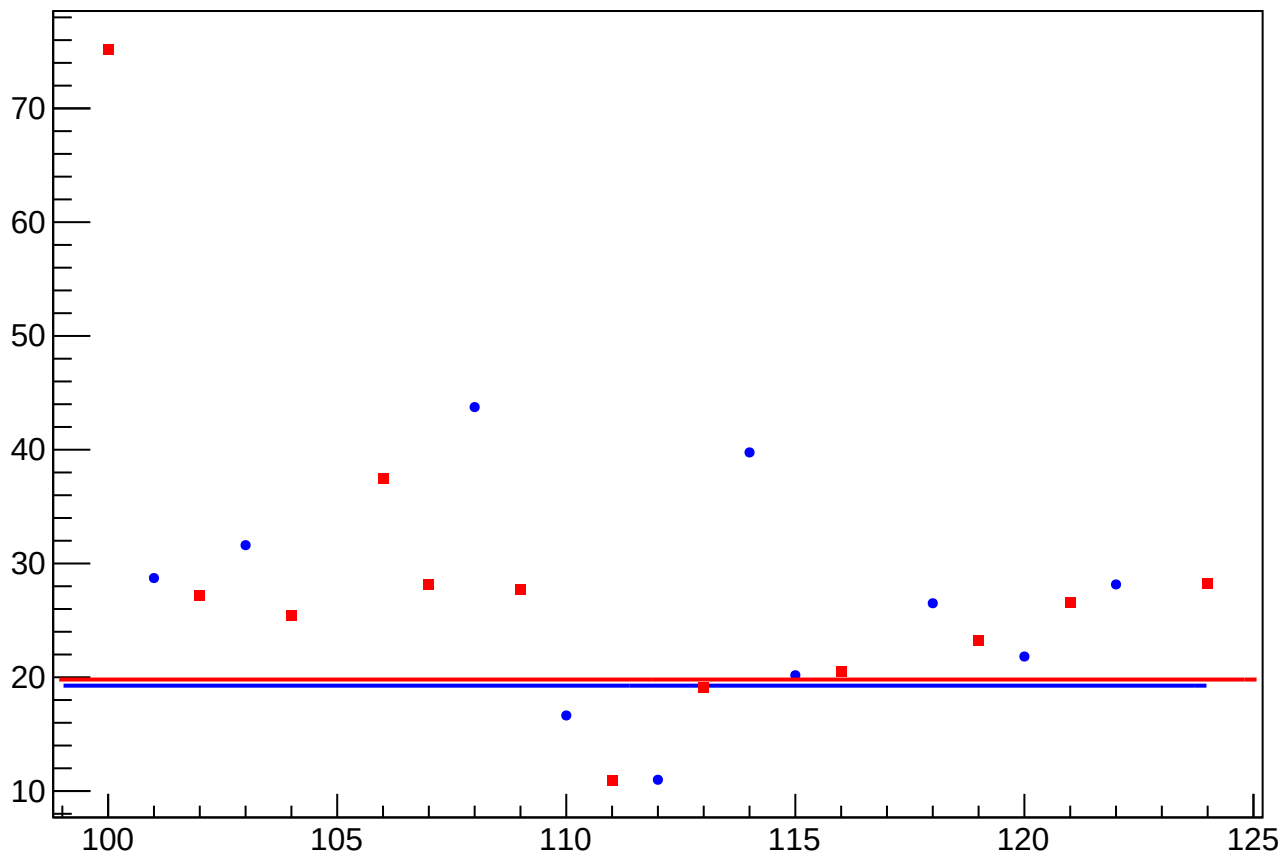
Right: 0.010+/-0.007 χ^2/NDF : 30.3/21

In: 0.019+/-0.011 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.007 χ^2/NDF : 30.3/21

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.263+/-0.008 χ^2/NDF : 1254435.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.801+/-0.007 χ^2/NDF : 1100252.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

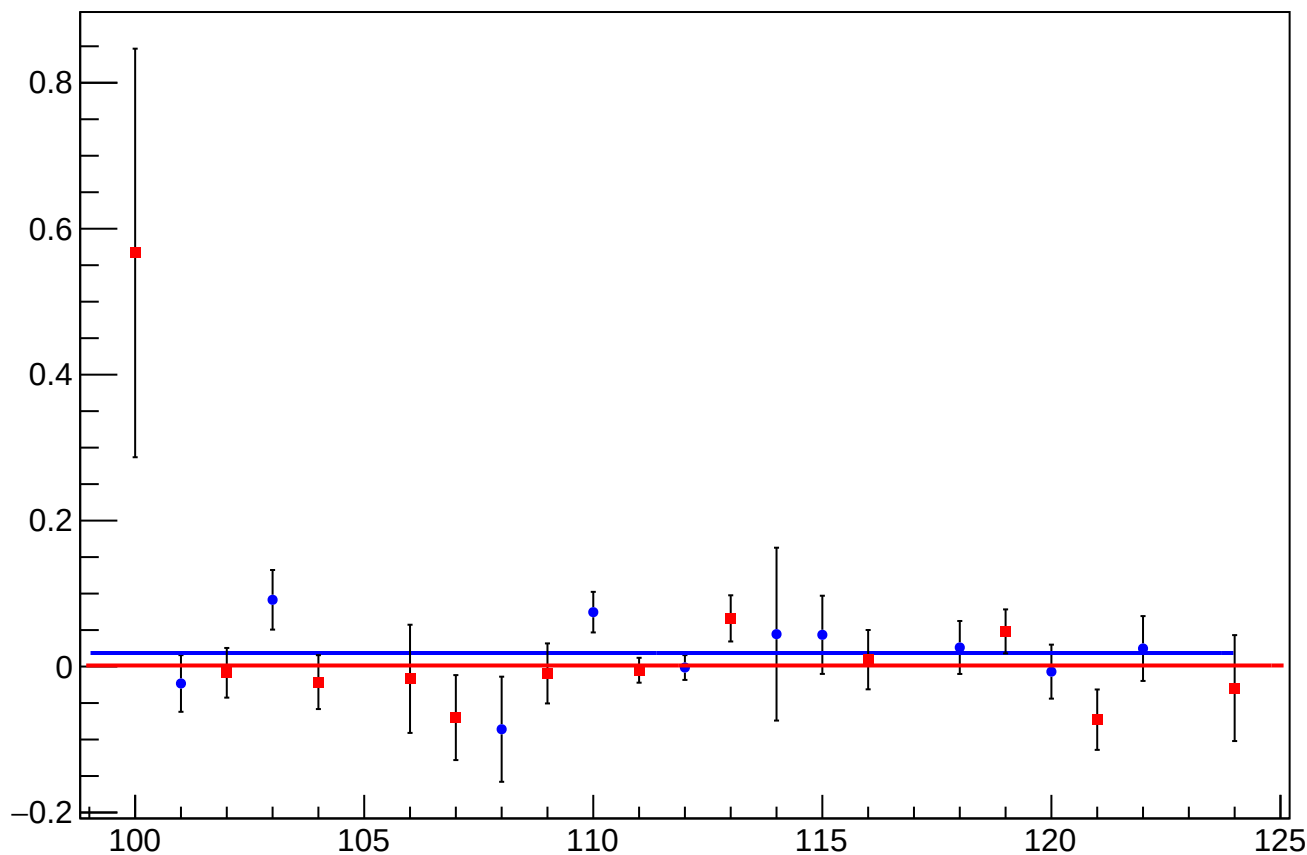
Right: 19.546+/-0.005 χ^2/NDF : 2357325.2/21

In: 19.263+/-0.008 χ^2/NDF : 1254435.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.546+/-0.005 χ^2/NDF : 2357325.2/21

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.011 χ^2 /NDF: 12.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 16.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

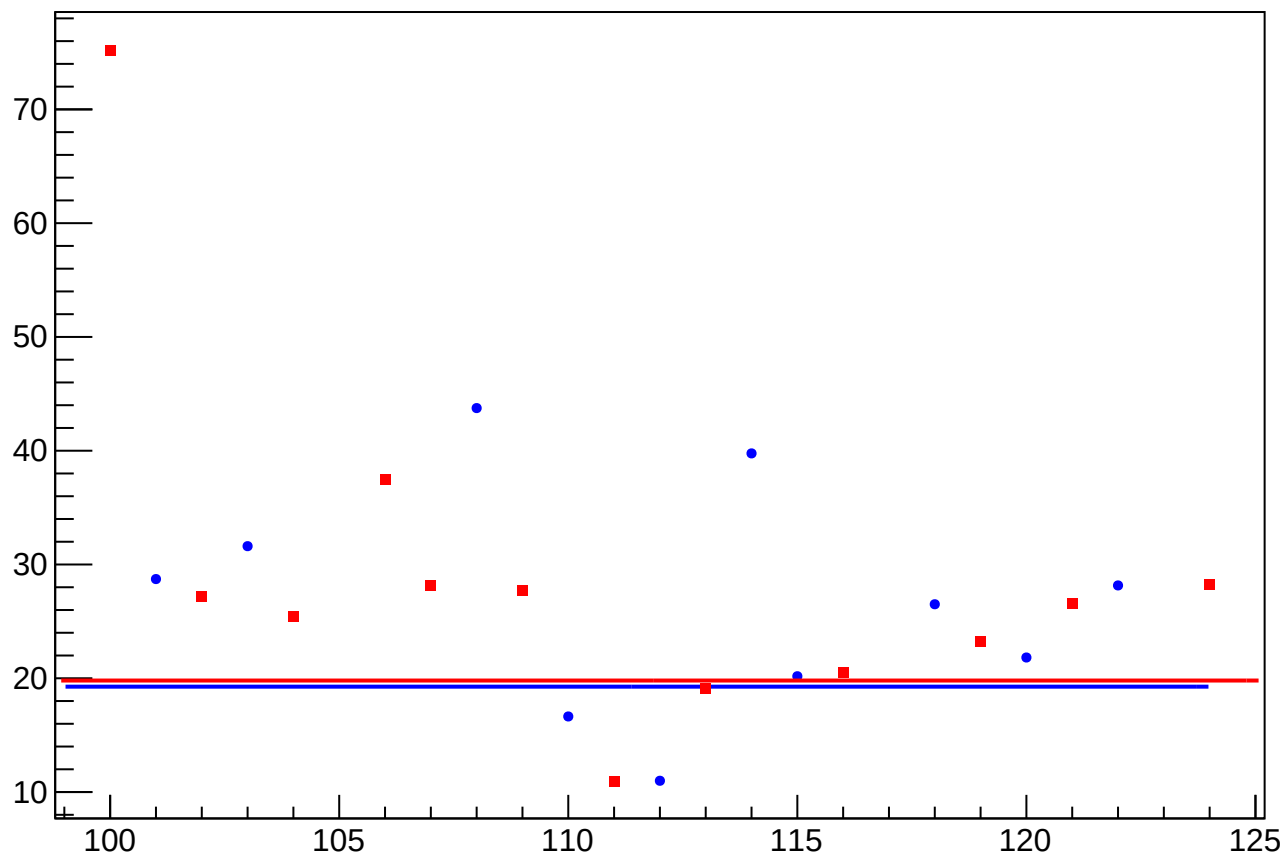
Right: 0.010 $\pm$ 0.007 χ^2 /NDF: 30.3/21

In: 0.019 $\pm$ 0.011 χ^2 /NDF:12.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.007 χ^2 /NDF: 30.3/21

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.263+/-0.008 χ^2/NDF : 1254435.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.801+/-0.007 χ^2/NDF : 1100252.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

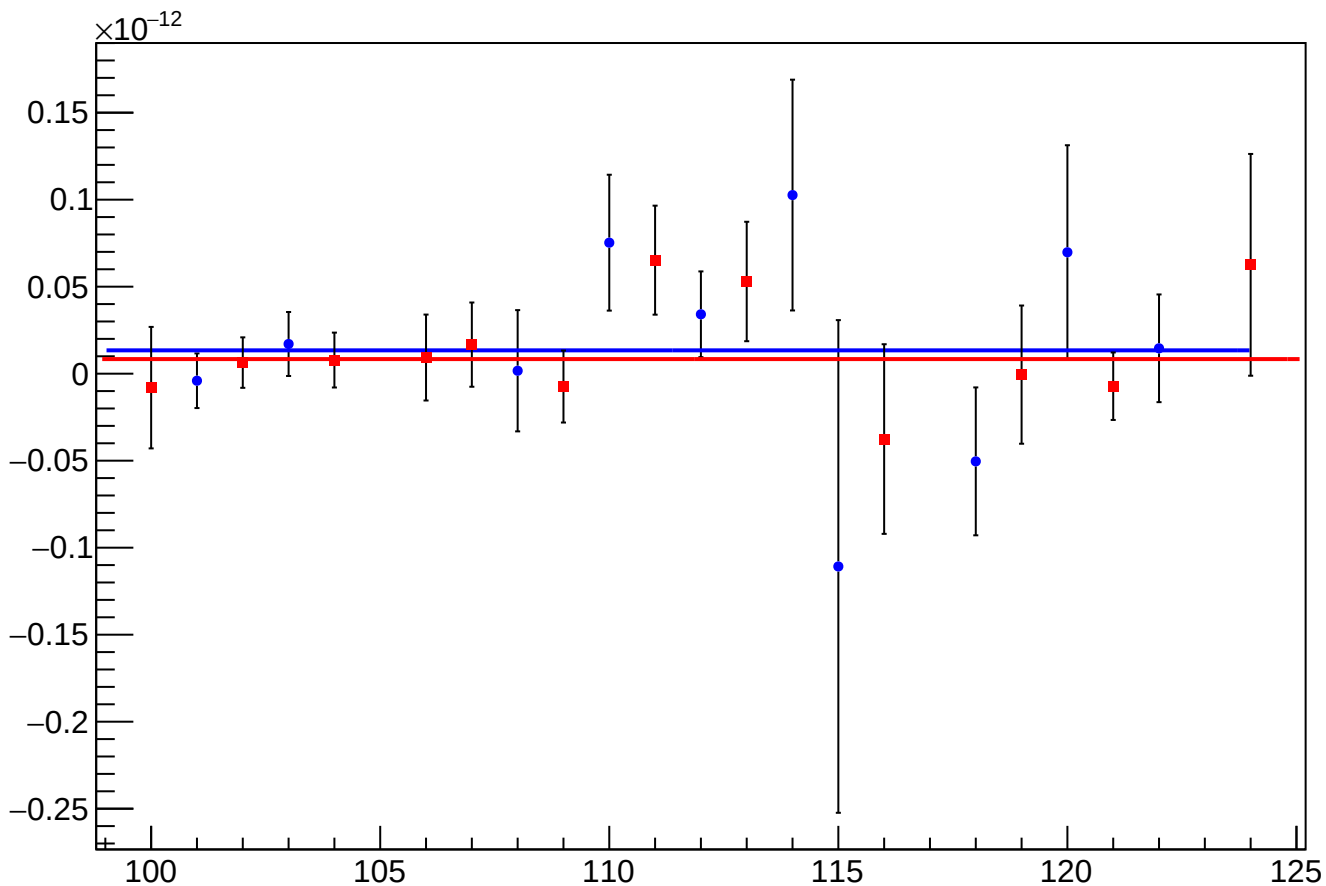
Right: 19.546+/-0.005 χ^2/NDF : 2357325.2/21

In: 19.263+/-0.008 χ^2/NDF : 1254435.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.546+/-0.005 χ^2/NDF : 2357325.2/21

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

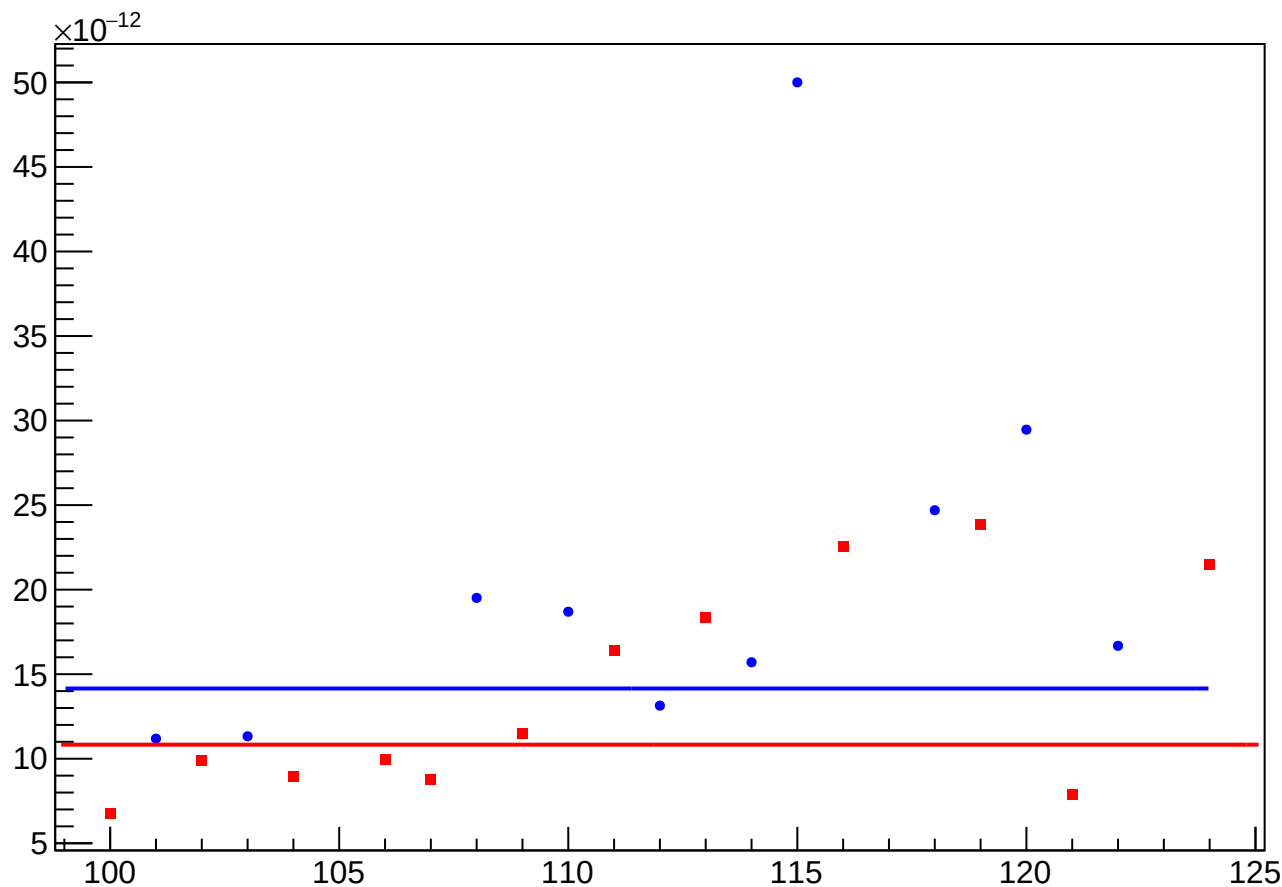
Right: 0.000+/-0.000 χ^2/NDF : 18.5/21

In: 0.000+/-0.000 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.5/21

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 585896.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 652209.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

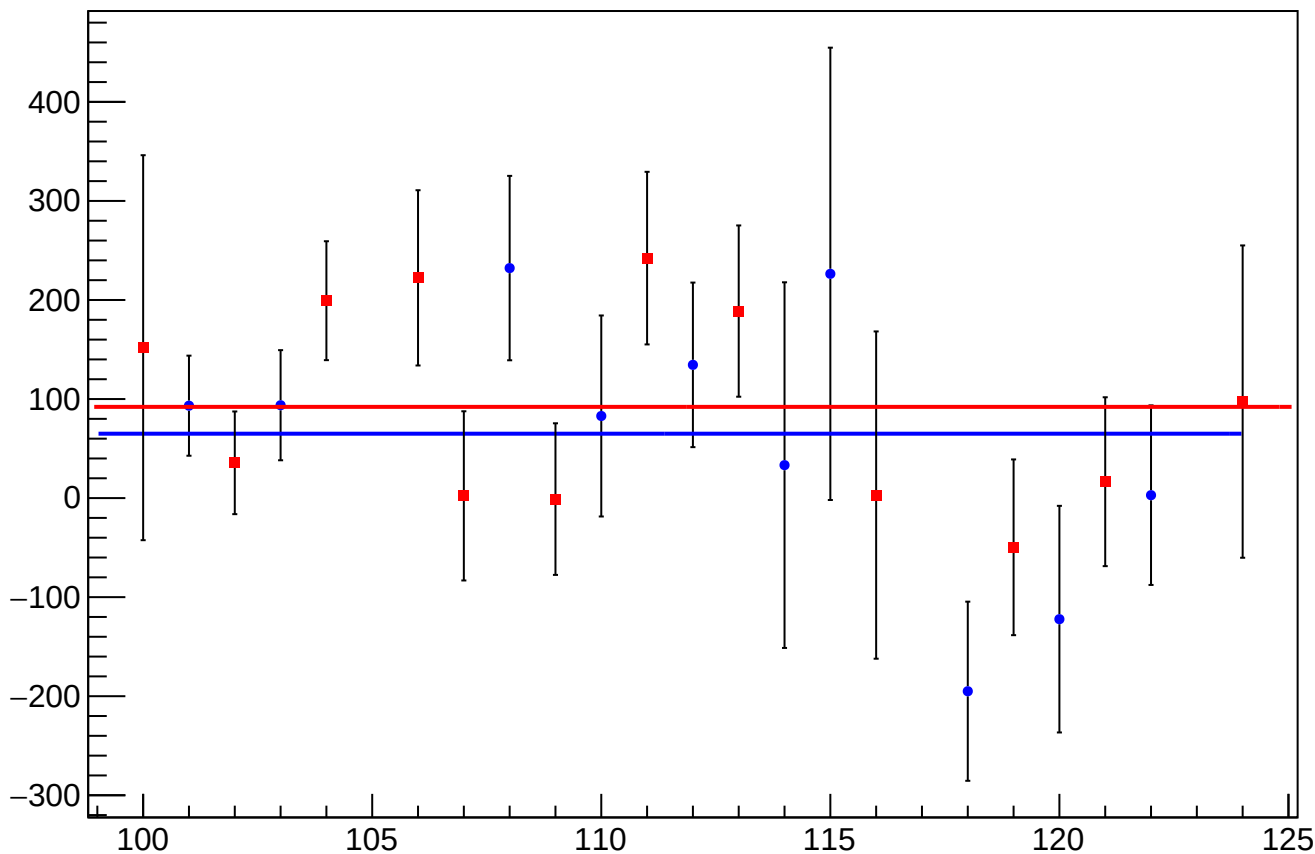
Right: 0.000+/-0.000 χ^2/NDF : 1409209.8/21

In: 0.000+/-0.000 χ^2/NDF : 585896.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1409209.8/21

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 65.012+/-26.336 χ^2/NDF : 16.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 92.094+/-24.120 χ^2/NDF : 17.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

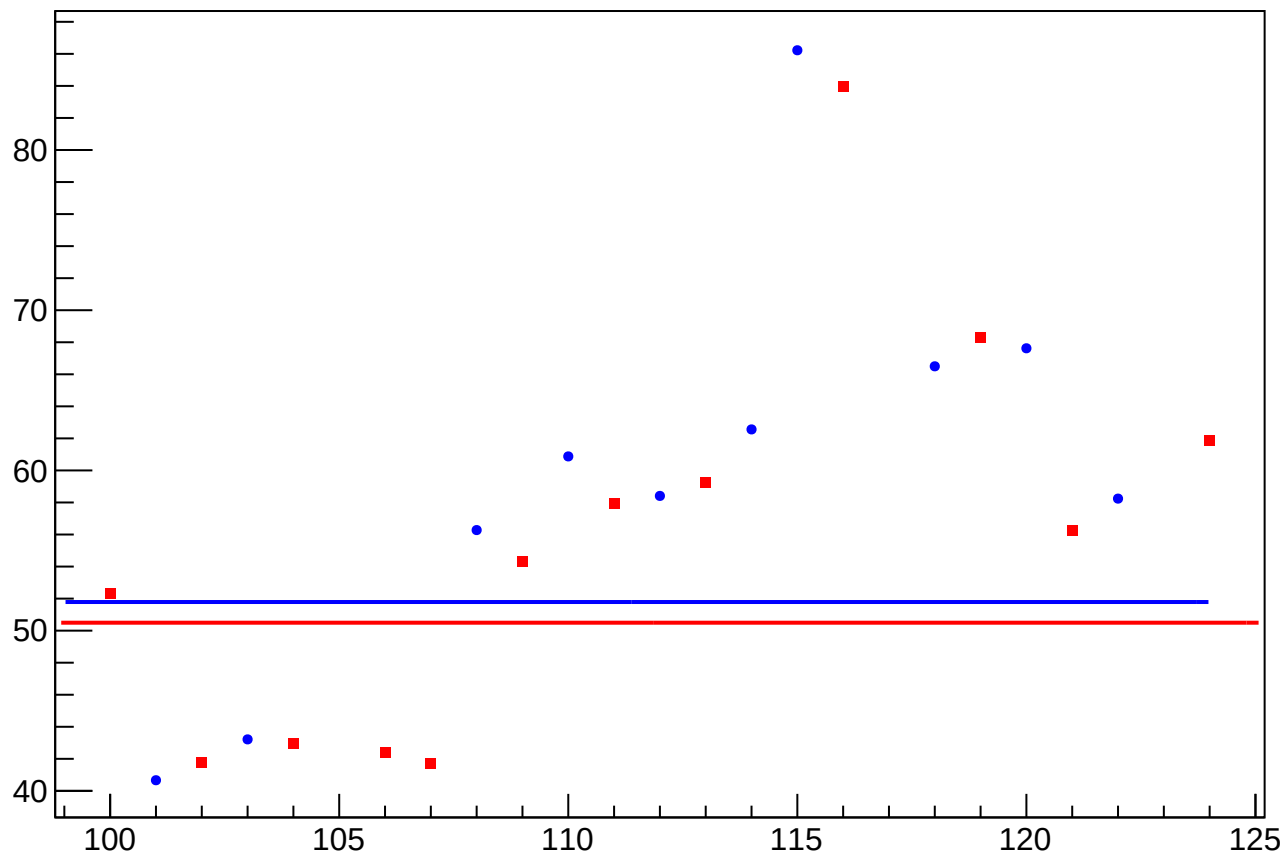
Right: 79.741+/-17.787 χ^2/NDF : 34.1/21

In: 65.012+/-26.336 χ^2/NDF :16.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 79.741+/-17.787 χ^2/NDF : 34.1/21

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.787+/-0.019 χ^2/NDF : 331647.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.496+/-0.017 χ^2/NDF : 348668.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

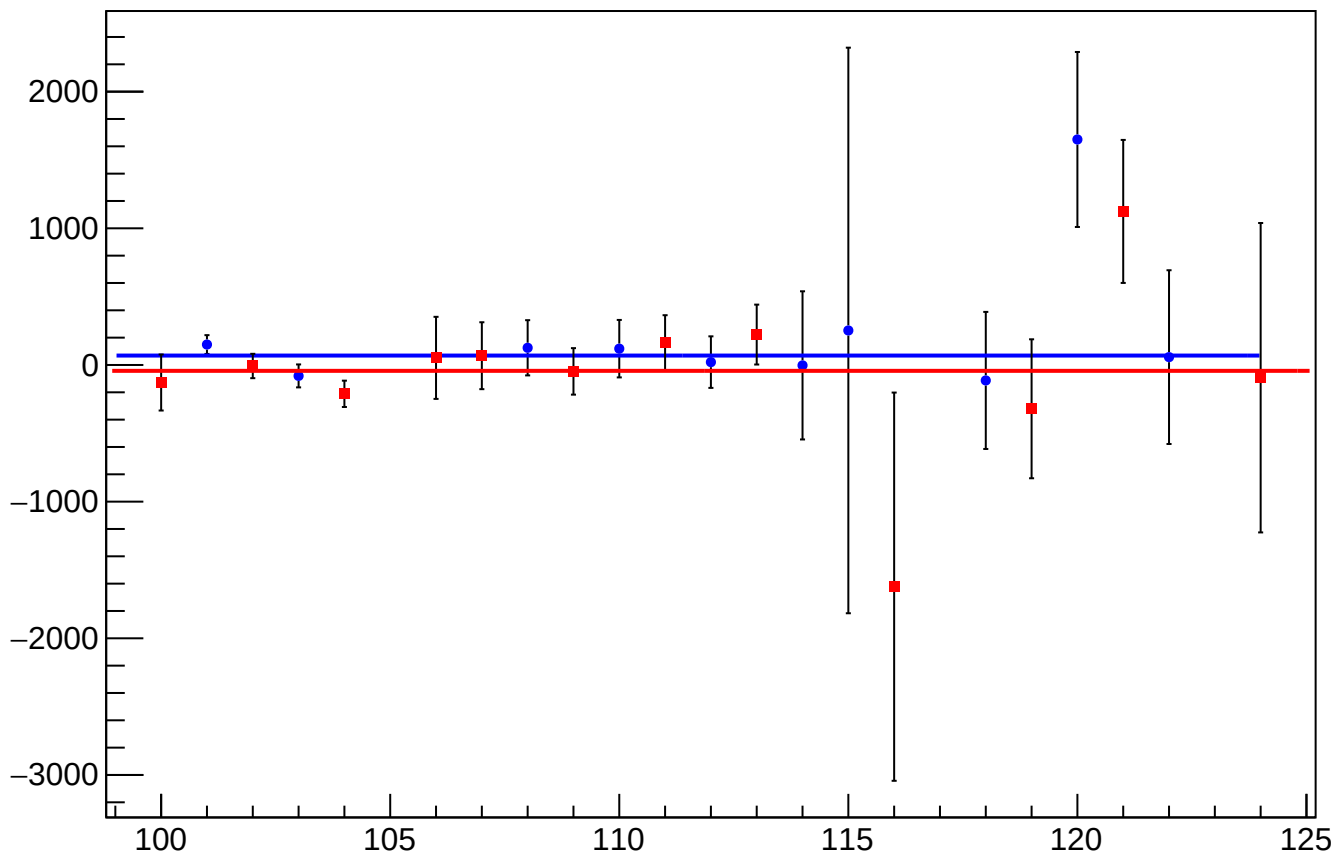
Right: 51.085+/-0.013 χ^2/NDF : 682929.0/21

In: 51.787+/-0.019 χ^2/NDF : 331647.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.085+/-0.013 χ^2/NDF : 682929.0/21

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 68.913+/-47.626 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.931+/-51.715 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

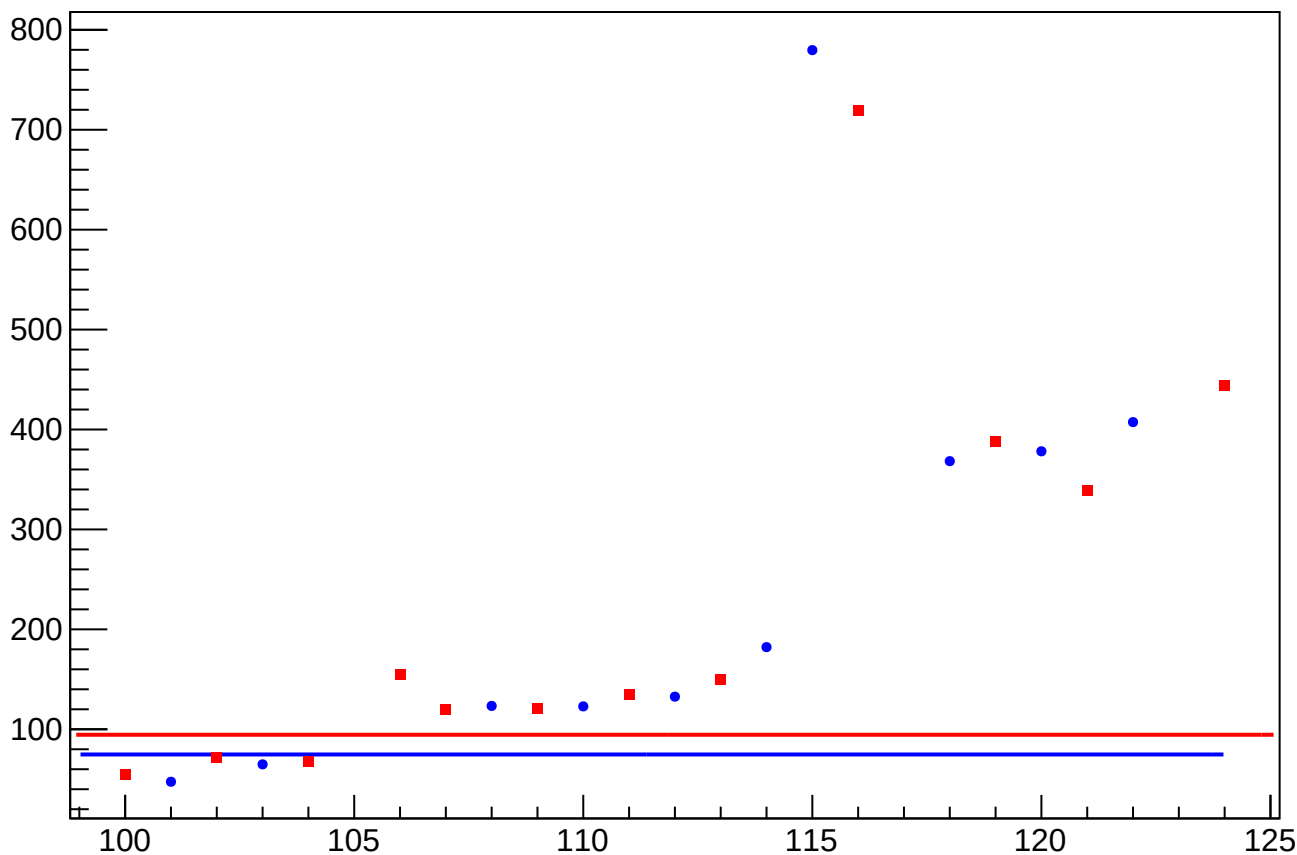
Right: 17.586+/-35.033 χ^2/NDF : 26.2/21

In: 68.913+/-47.626 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.586+/-35.033 χ^2/NDF : 26.2/21

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 74.772+/-0.034 χ^2/NDF : 2744044.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.502+/-0.037 χ^2/NDF : 2407050.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

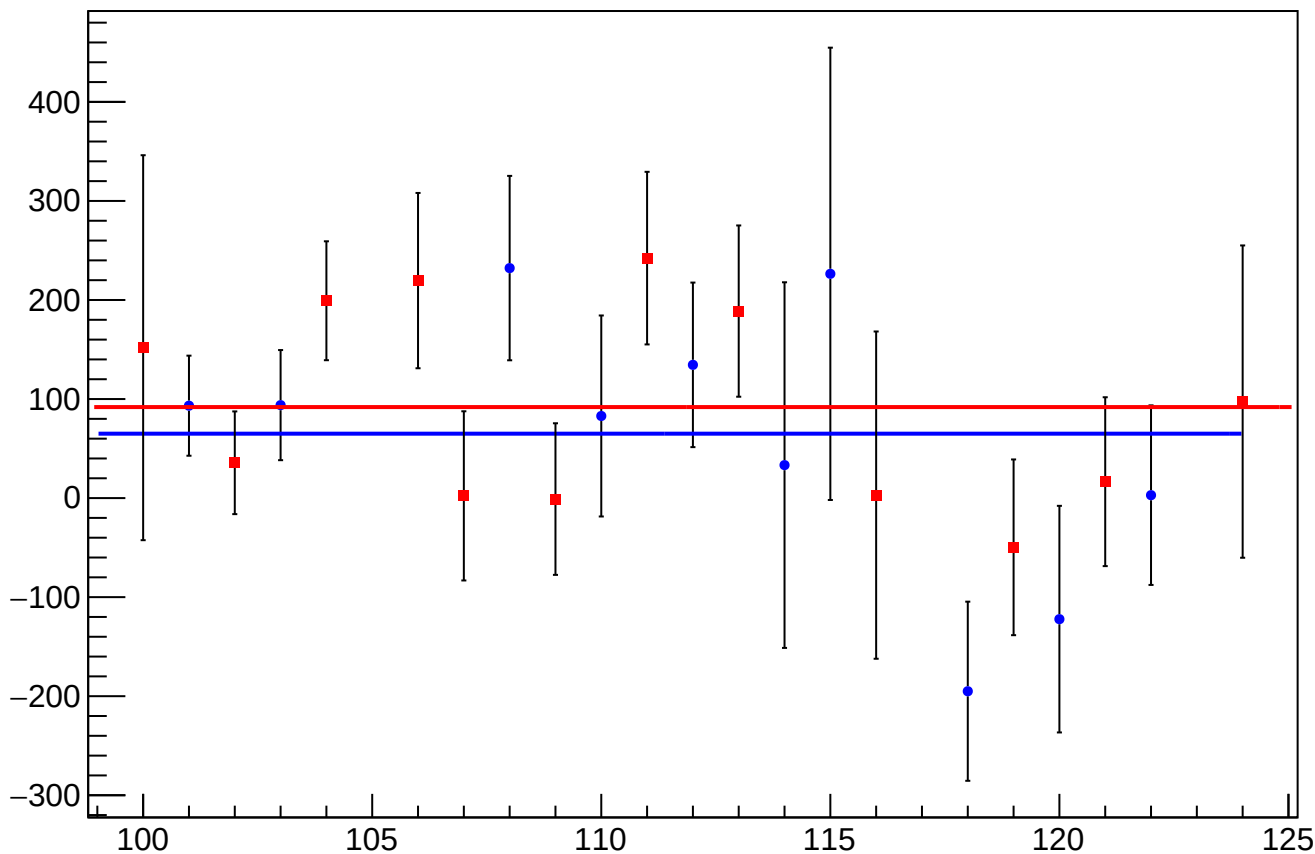
Right: 83.826+/-0.025 χ^2/NDF : 5308610.5/21

In: 74.772+/-0.034 χ^2/NDF : 2744044.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.826+/-0.025 χ^2/NDF : 5308610.5/21

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 65.032+/-26.336 χ^2/NDF : 16.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.893+/-24.122 χ^2/NDF : 17.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

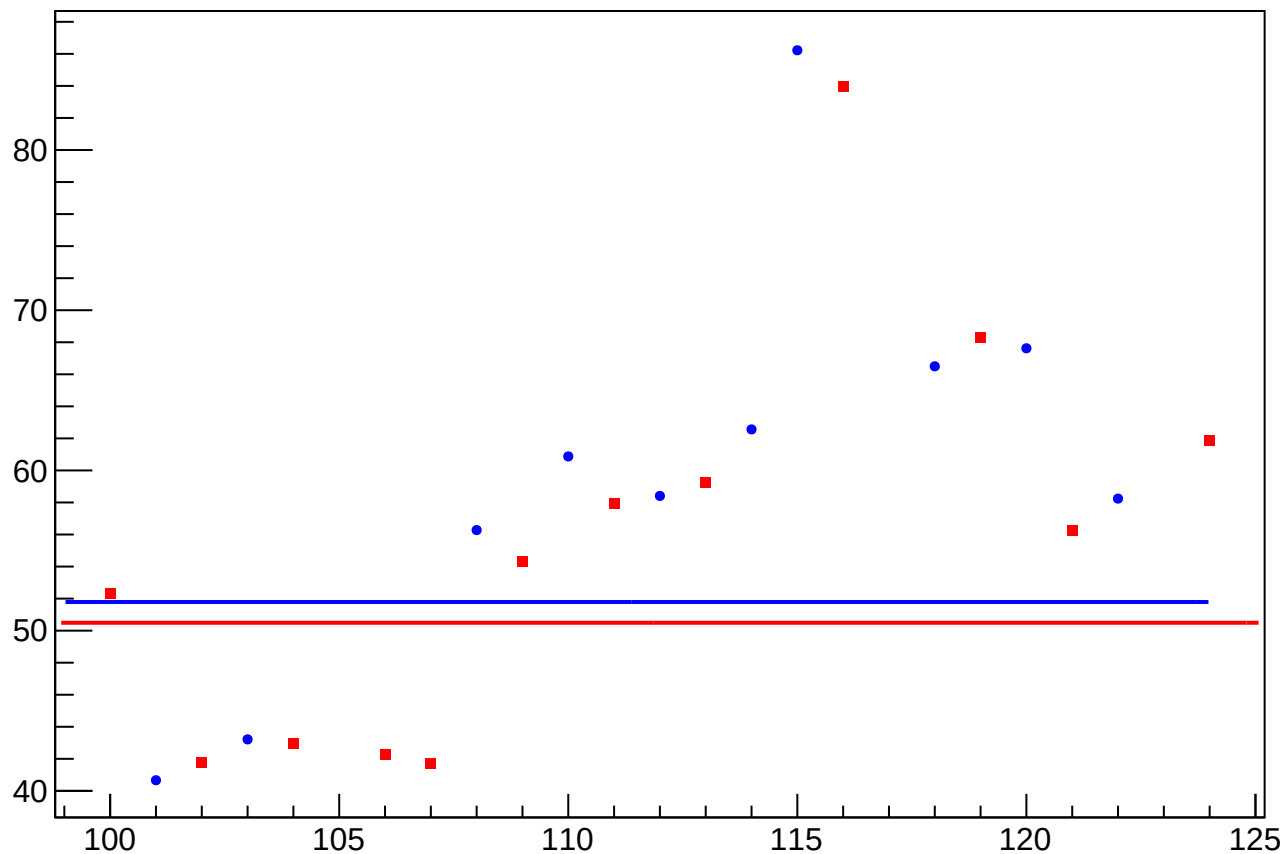
Right: 79.639+/-17.788 χ^2/NDF : 34.0/21

In: 65.032+/-26.336 χ^2/NDF : 16.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.639+/-17.788 χ^2/NDF : 34.0/21

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.787+/-0.019 χ^2/NDF : 331646.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.492+/-0.017 χ^2/NDF : 348917.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

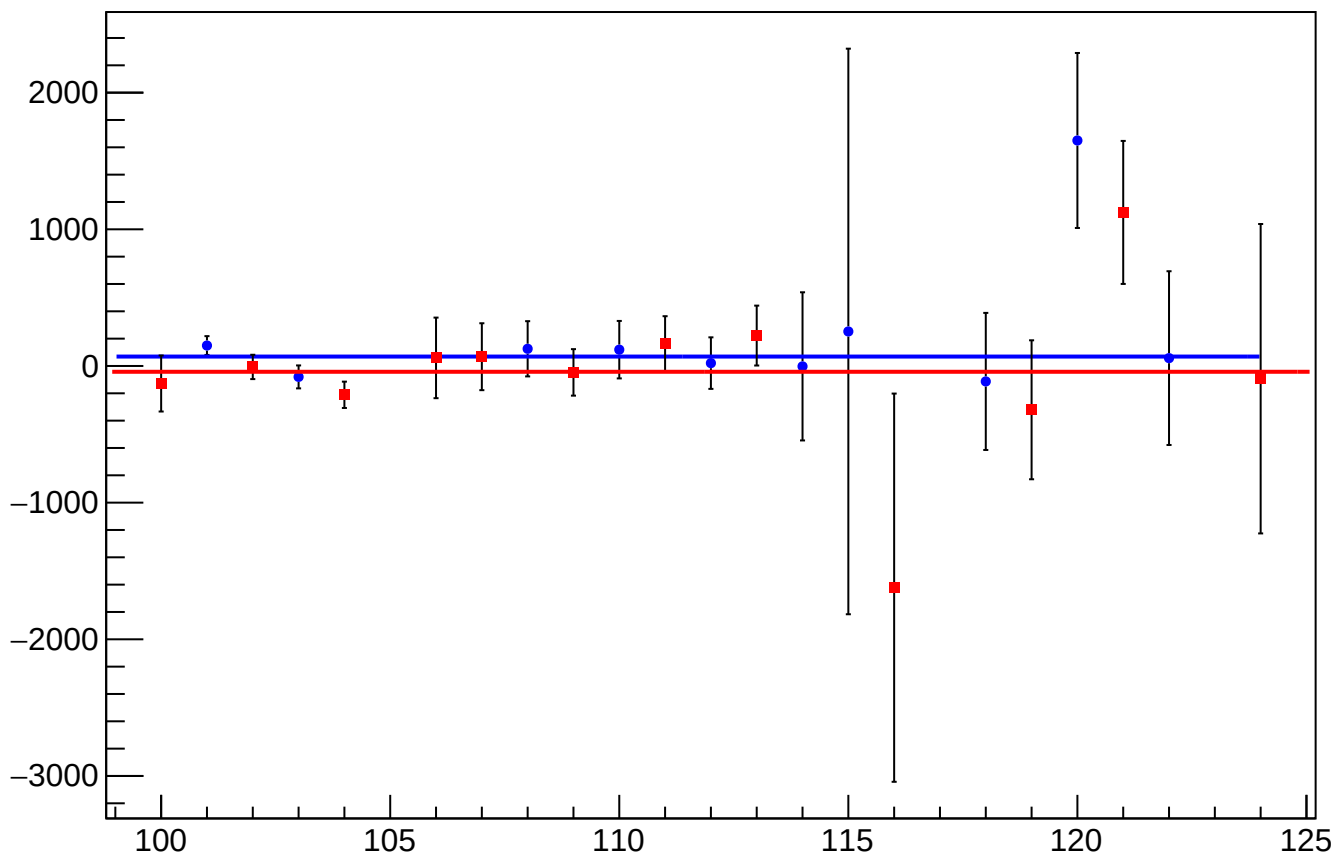
Right: 51.083+/-0.013 χ^2/NDF : 683192.7/21

In: 51.787+/-0.019 χ^2/NDF : 331646.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.083+/-0.013 χ^2/NDF : 683192.7/21

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 68.916+/-47.625 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.435+/-51.668 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

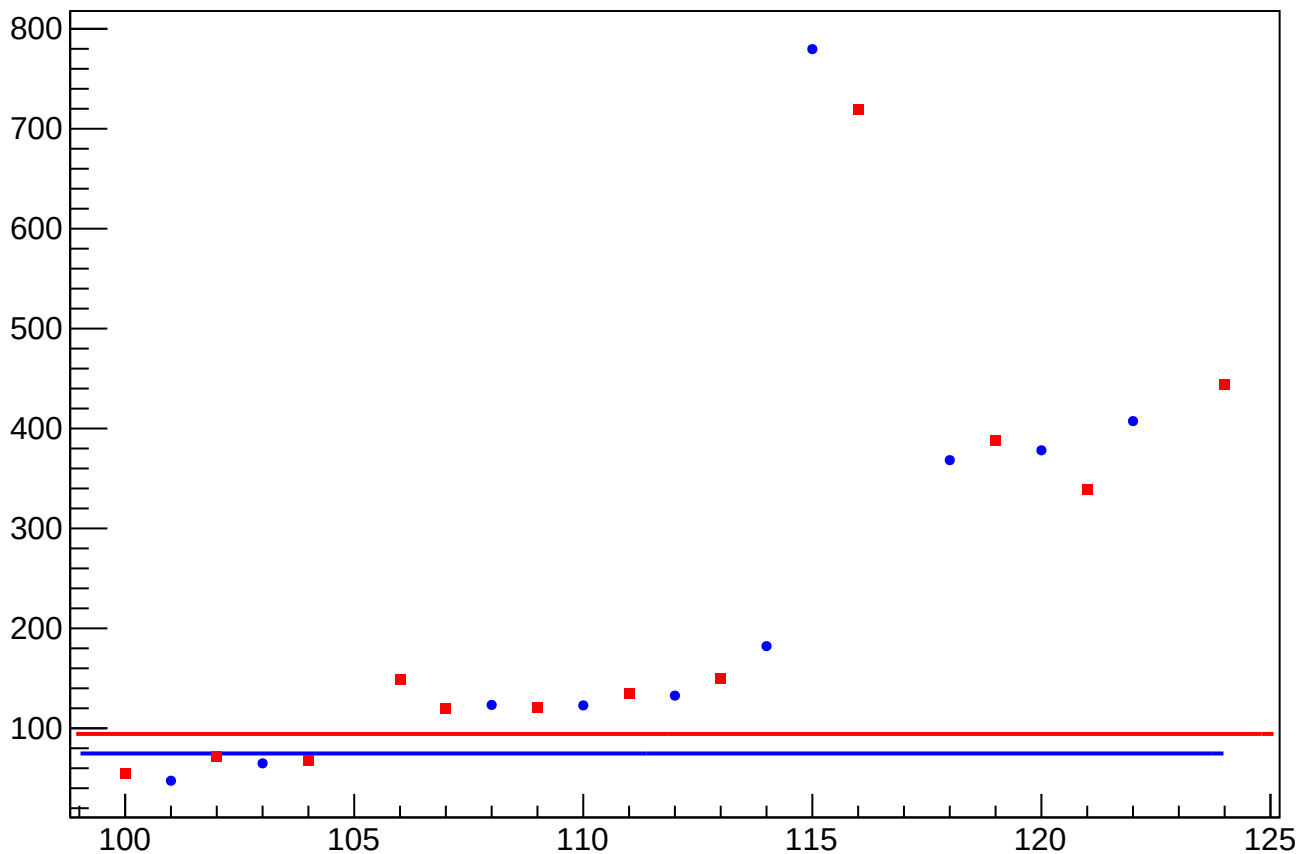
Right: 17.768+/-35.018 χ^2/NDF : 26.2/21

In: 68.916+/-47.625 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.768+/-35.018 χ^2/NDF : 26.2/21

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 74.770+/-0.034 χ^2/NDF : 2744067.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.338+/-0.037 χ^2/NDF : 2395408.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

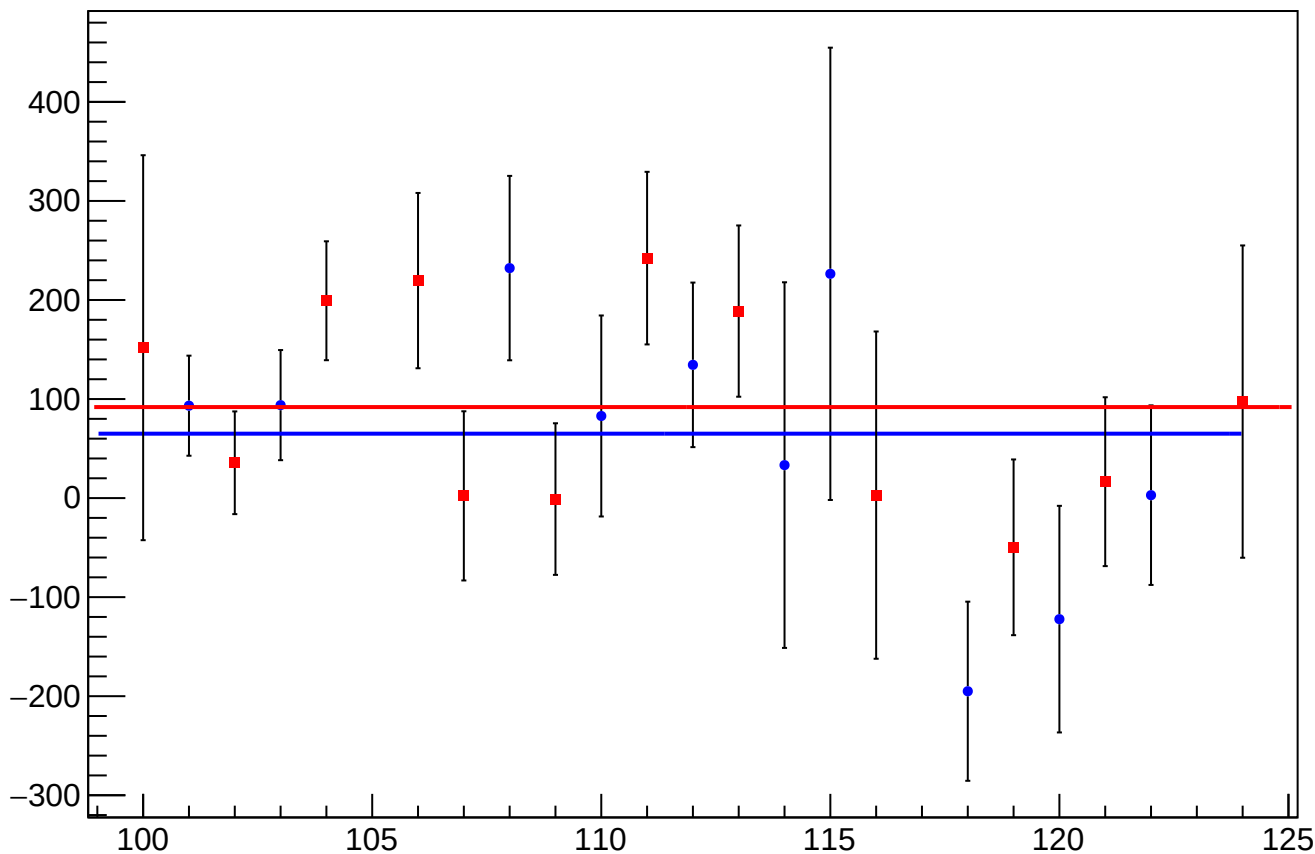
Right: 83.759+/-0.025 χ^2/NDF : 5294573.4/21

In: 74.770+/-0.034 χ^2/NDF : 2744067.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.759+/-0.025 χ^2/NDF : 5294573.4/21

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 65.032+/-26.336 χ^2/NDF : 16.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.893+/-24.122 χ^2/NDF : 17.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

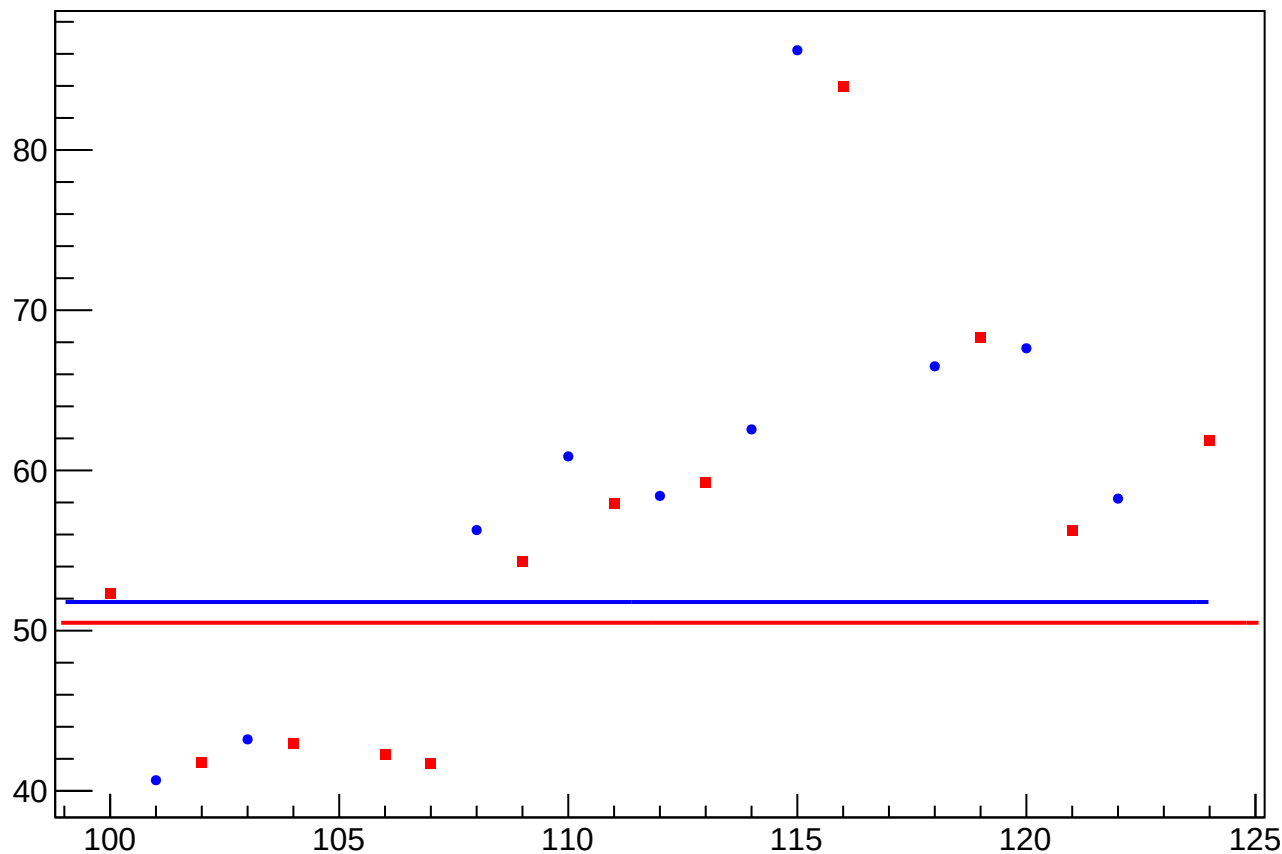
Right: 79.639+/-17.788 χ^2/NDF : 34.0/21

In: 65.032+/-26.336 χ^2/NDF : 16.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.639+/-17.788 χ^2/NDF : 34.0/21

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.787 $\pm$ 0.019 χ^2 /NDF: 331646.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.492 $\pm$ 0.017 χ^2 /NDF: 348917.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

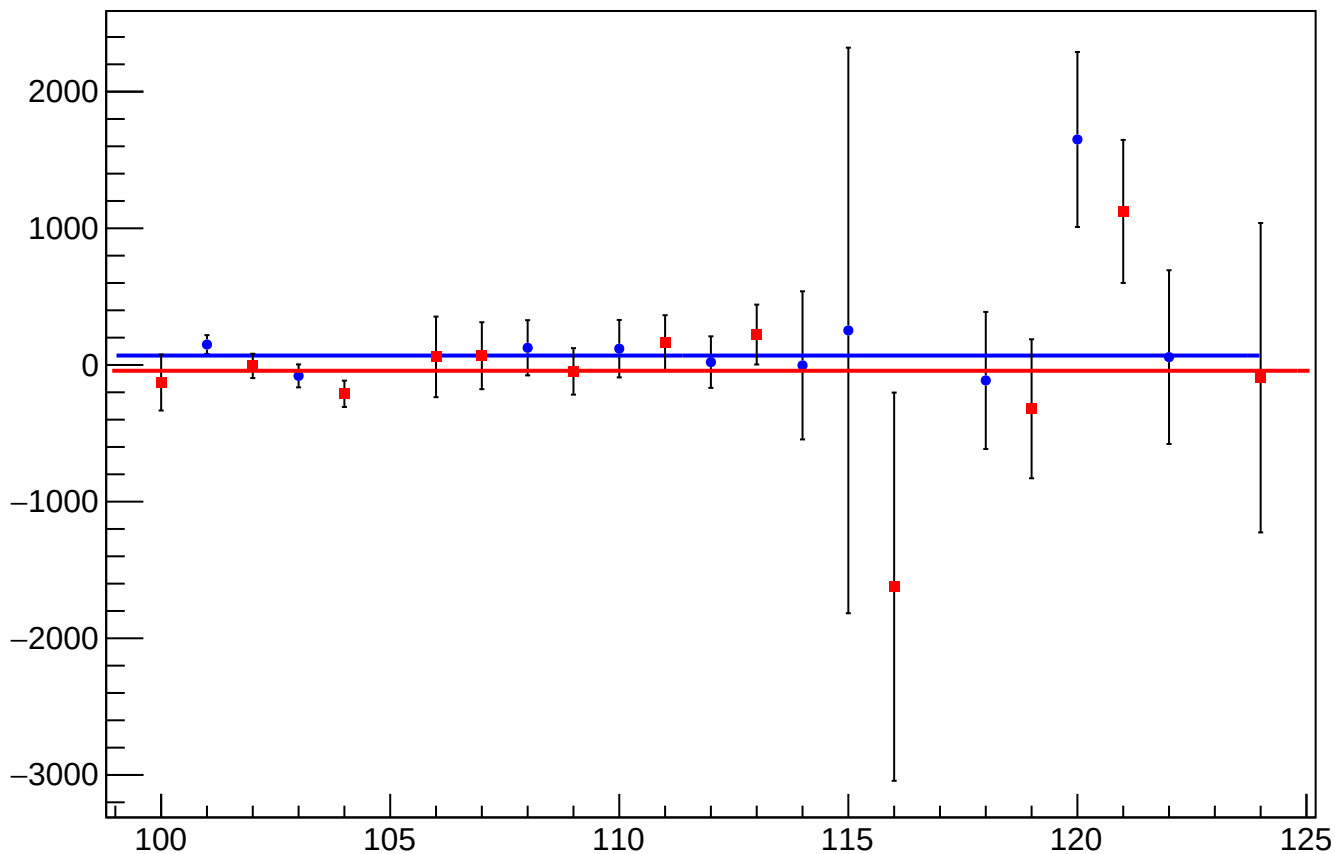
Right: 51.083 $\pm$ 0.013 χ^2 /NDF: 683192.7/21

In: 51.787 $\pm$ 0.019 χ^2 /NDF:331646.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.083 $\pm$ 0.013 χ^2 /NDF: 683192.7/21

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 68.916+/-47.625 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.435+/-51.668 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

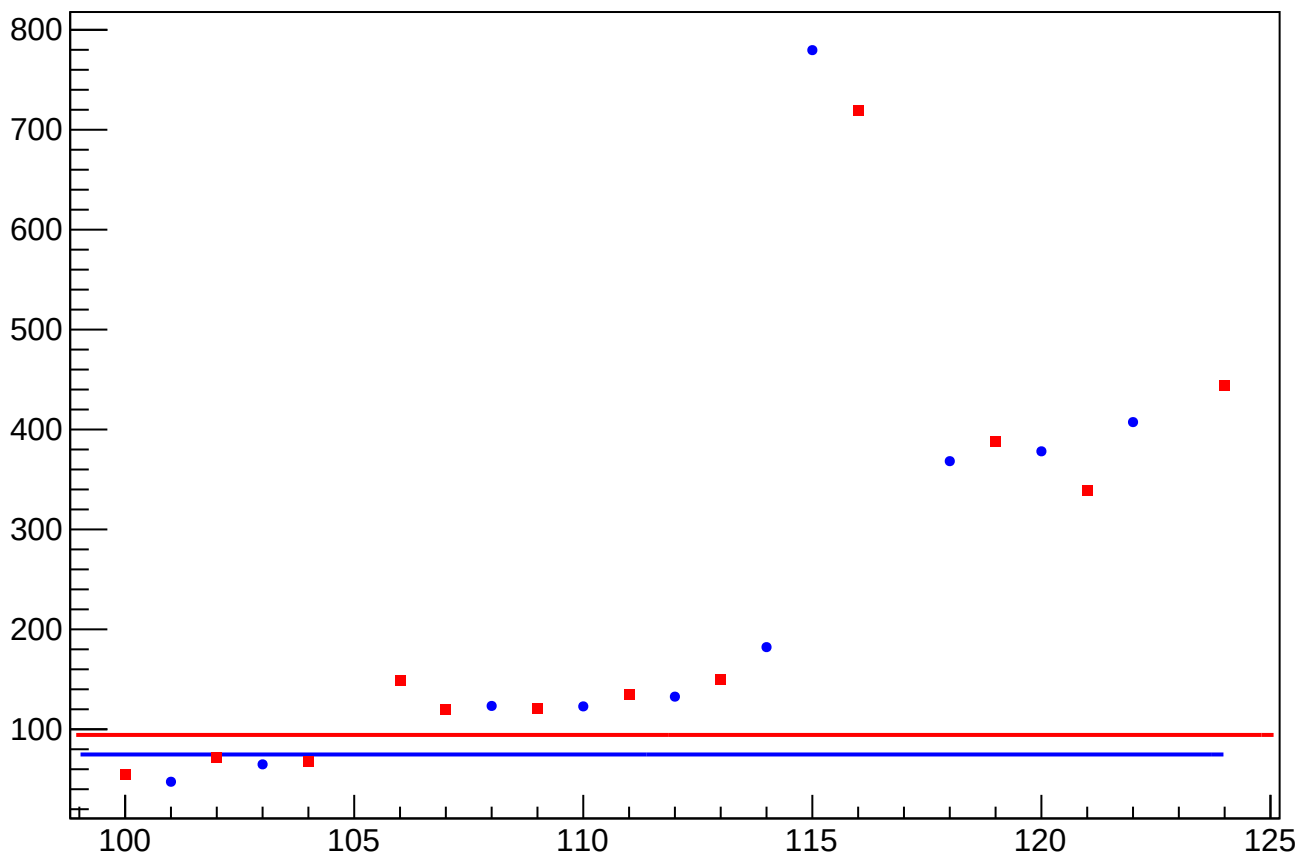
Right: 17.768+/-35.018 χ^2/NDF : 26.2/21

In: 68.916+/-47.625 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.768+/-35.018 χ^2/NDF : 26.2/21

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 74.770+/-0.034 χ^2/NDF : 2744067.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.338+/-0.037 χ^2/NDF : 2395408.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

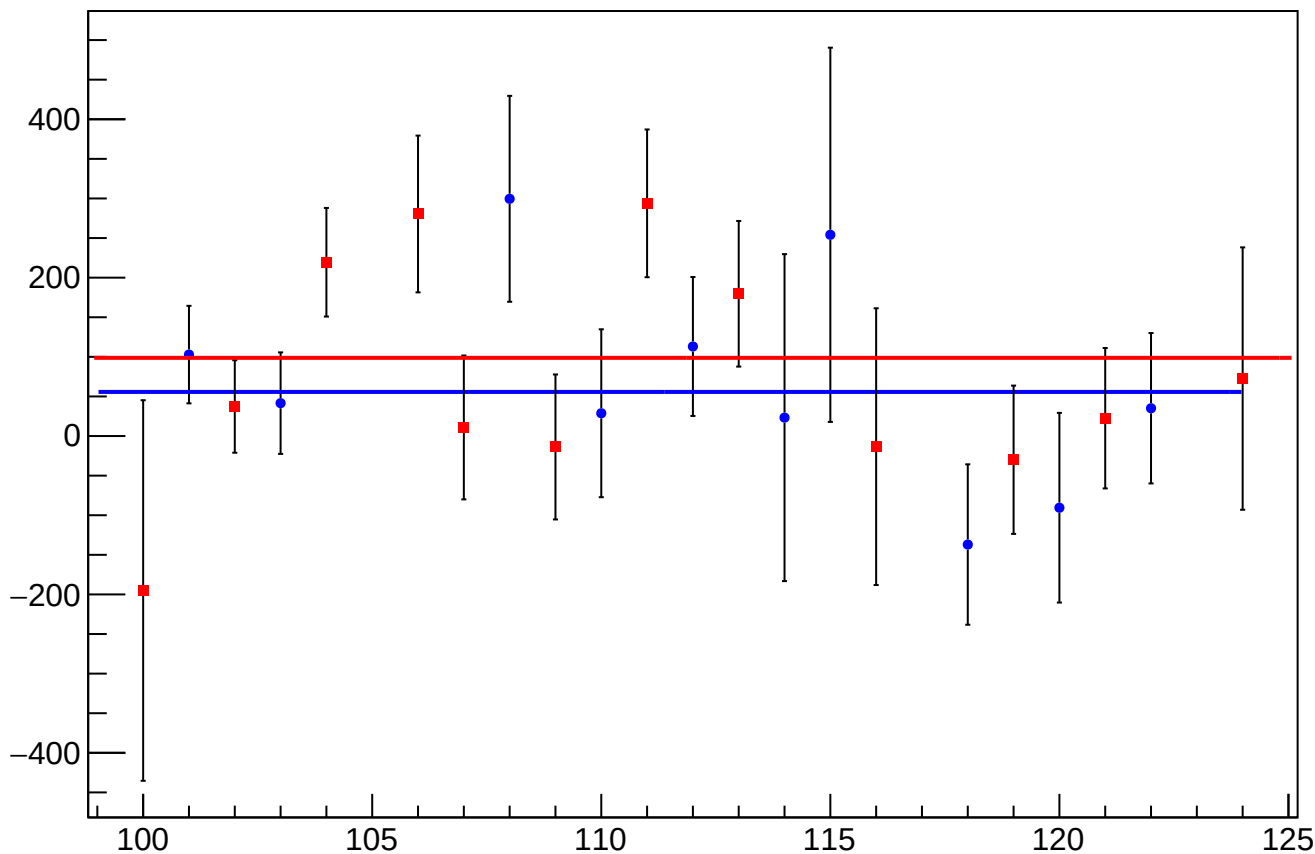
Right: 83.759+/-0.025 χ^2/NDF : 5294573.4/21

In: 74.770+/-0.034 χ^2/NDF : 2744067.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.759+/-0.025 χ^2/NDF : 5294573.4/21

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 55.708+/-30.086 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.749+/-26.636 χ^2/NDF : 19.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

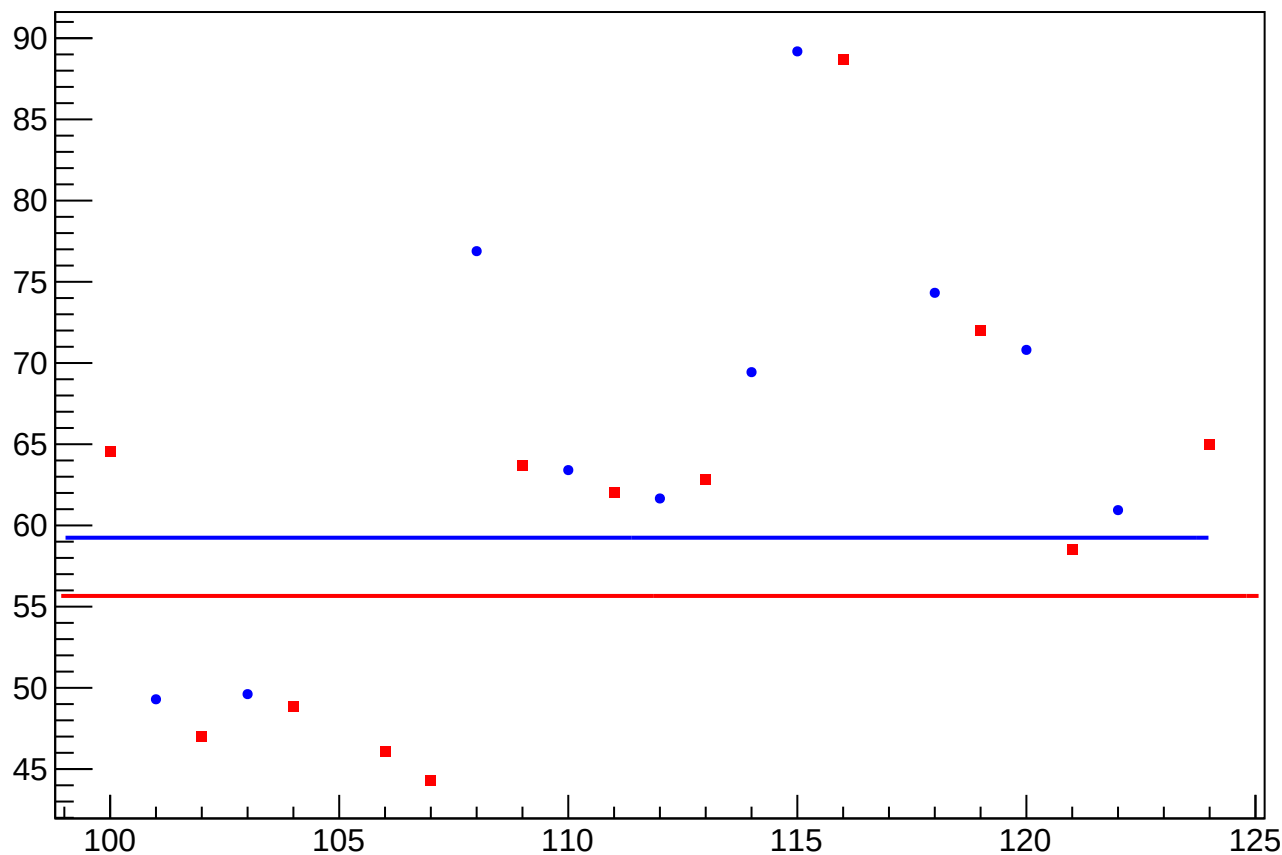
Right: 79.837+/-19.943 χ^2/NDF : 31.4/21

In: 55.708+/-30.086 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.837+/-19.943 χ^2/NDF : 31.4/21

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.244+/-0.021 χ^2/NDF : 239416.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.659+/-0.019 χ^2/NDF : 294560.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

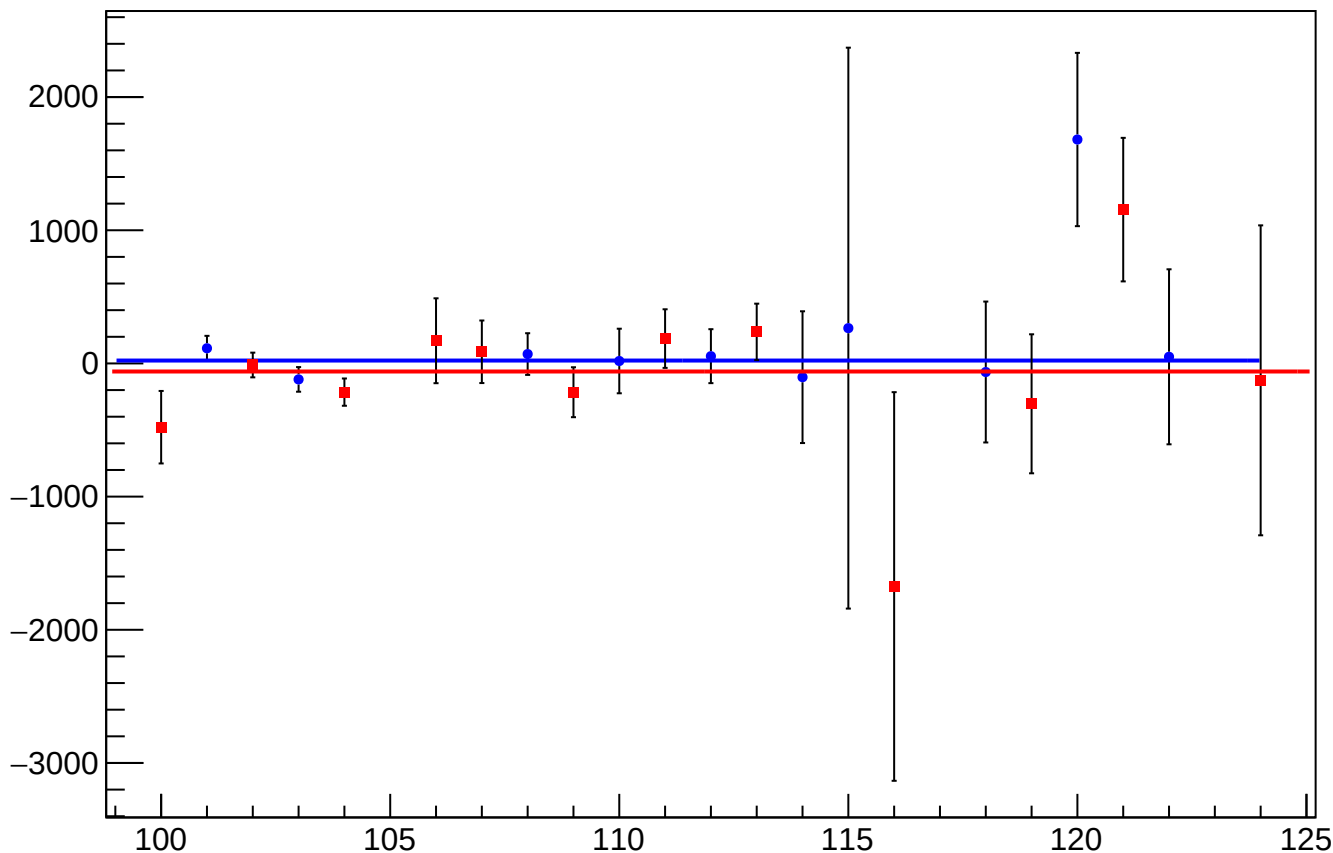
Right: 57.234+/-0.014 χ^2/NDF : 549894.9/21

In: 59.244+/-0.021 χ^2/NDF : 239416.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.234+/-0.014 χ^2/NDF : 549894.9/21

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 21.705+/-55.330 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.579+/-54.830 χ^2/NDF : 16.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

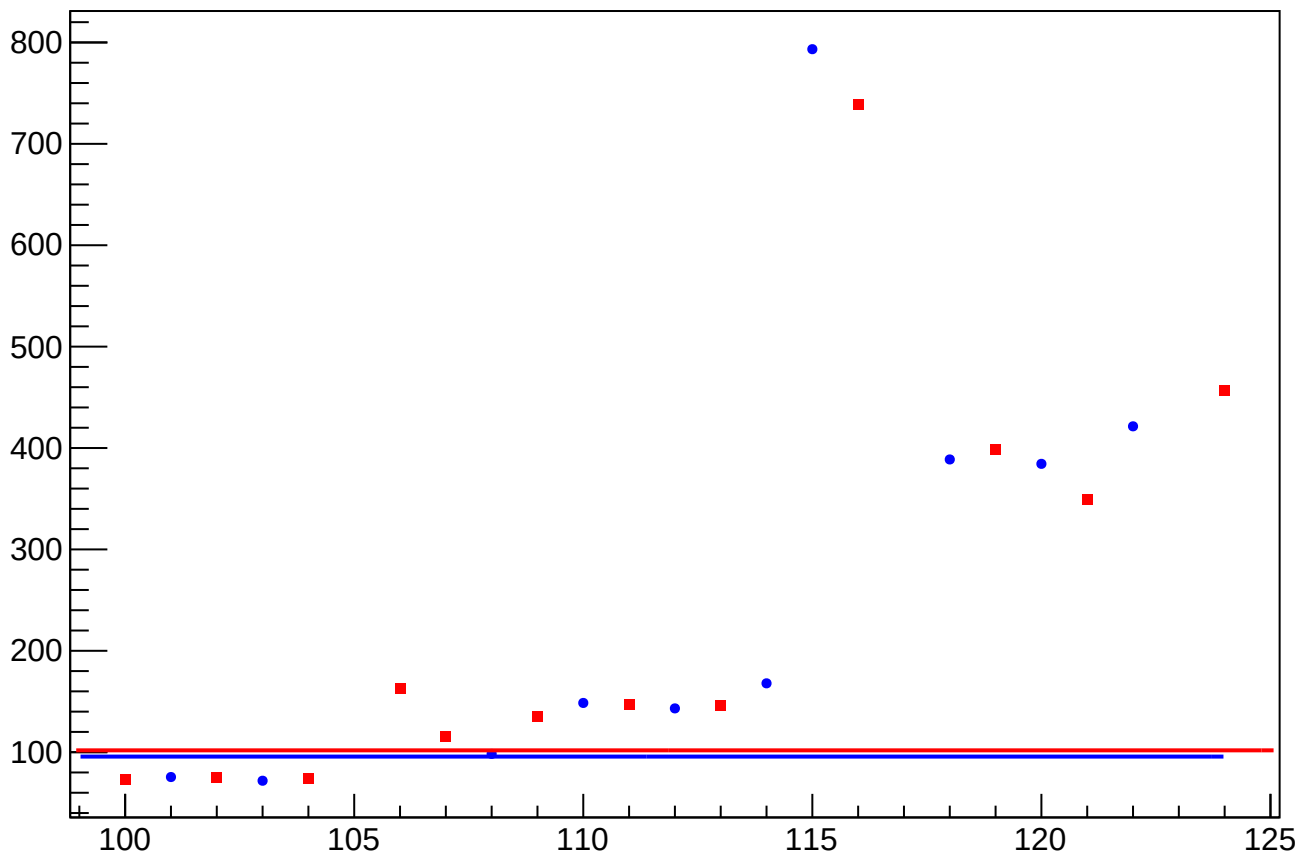
Right: -19.810+/-38.946 χ^2/NDF : 27.5/21

In: 21.705+/-55.330 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.810+/-38.946 χ^2/NDF : 27.5/21

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 95.667+/-0.039 χ^2/NDF : 2193337.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.822+/-0.039 χ^2/NDF : 2294935.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

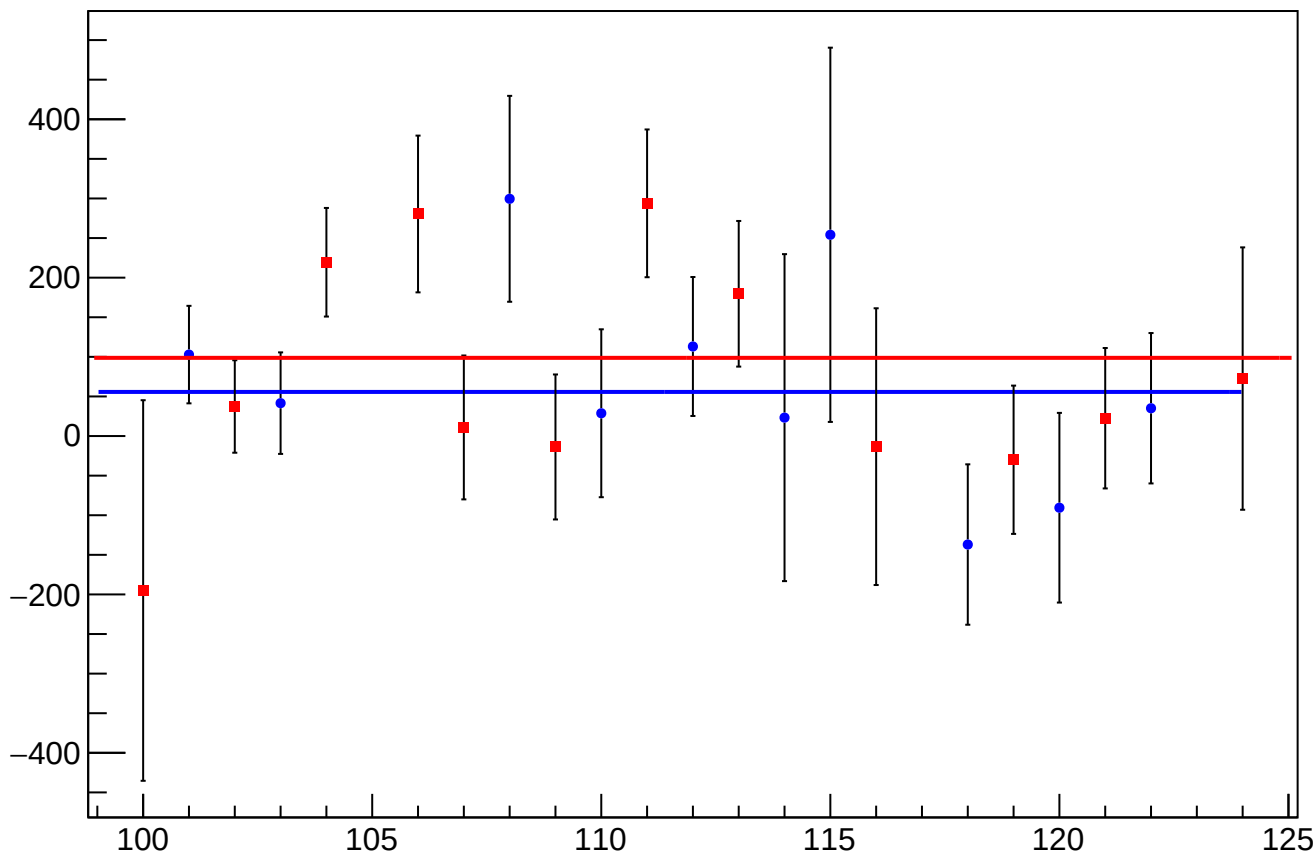
Right: 98.772+/-0.028 χ^2/NDF : 4500759.8/21

In: 95.667+/-0.039 χ^2/NDF : 2193337.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.772+/-0.028 χ^2/NDF : 4500759.8/21

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 55.707+/-30.086 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.748+/-26.636 χ^2/NDF : 19.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

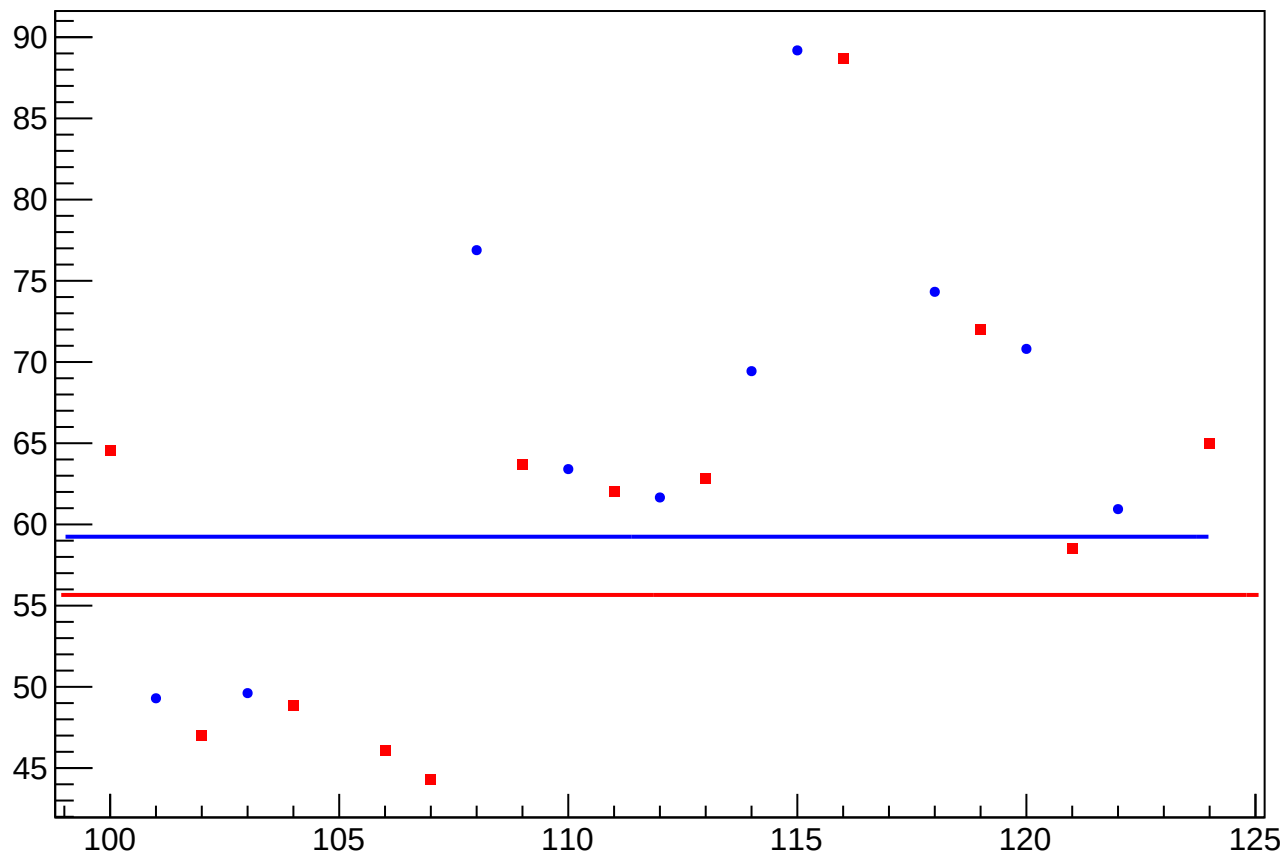
Right: 79.836+/-19.943 χ^2/NDF : 31.4/21

In: 55.707+/-30.086 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.836+/-19.943 χ^2/NDF : 31.4/21

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.244+/-0.021 χ^2/NDF : 239417.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.659+/-0.019 χ^2/NDF : 294560.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

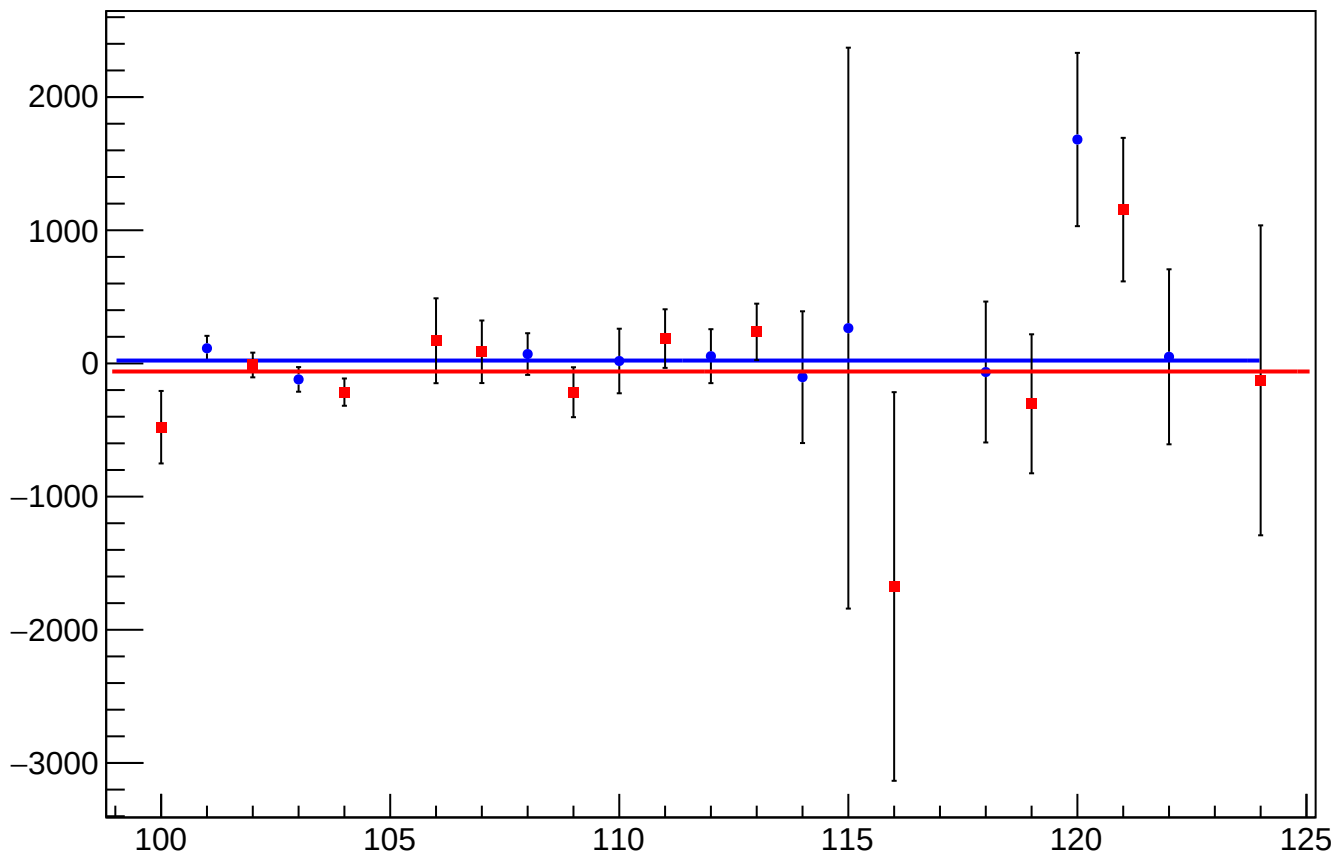
Right: 57.234+/-0.014 χ^2/NDF : 549895.4/21

In: 59.244+/-0.021 χ^2/NDF : 239417.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.234+/-0.014 χ^2/NDF : 549895.4/21

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 21.705+/-55.330 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.579+/-54.830 χ^2/NDF : 16.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

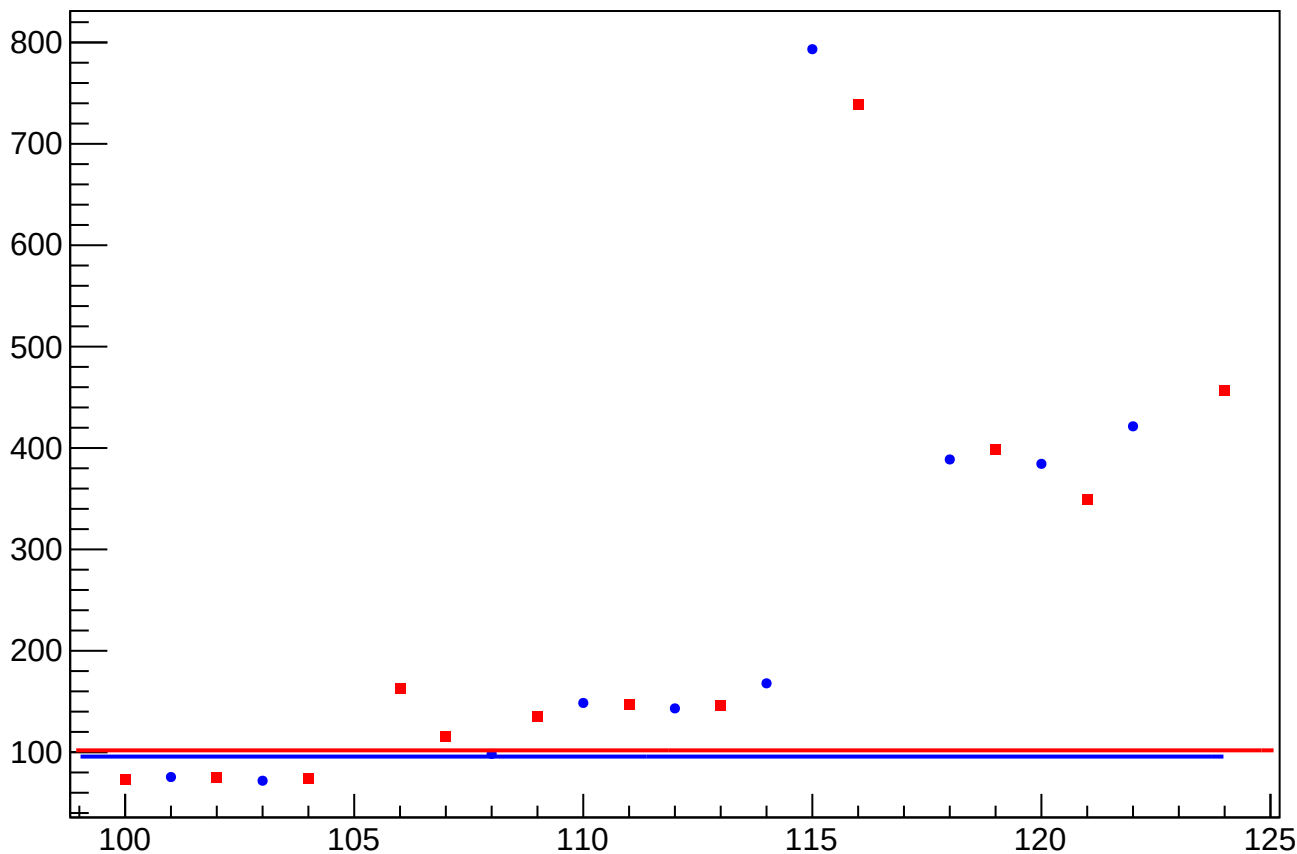
Right: -19.811+/-38.946 χ^2/NDF : 27.5/21

In: 21.705+/-55.330 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.811+/-38.946 χ^2/NDF : 27.5/21

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 95.667 $\pm$ 0.039 χ^2 /NDF: 2193340.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.822 $\pm$ 0.039 χ^2 /NDF: 2294940.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

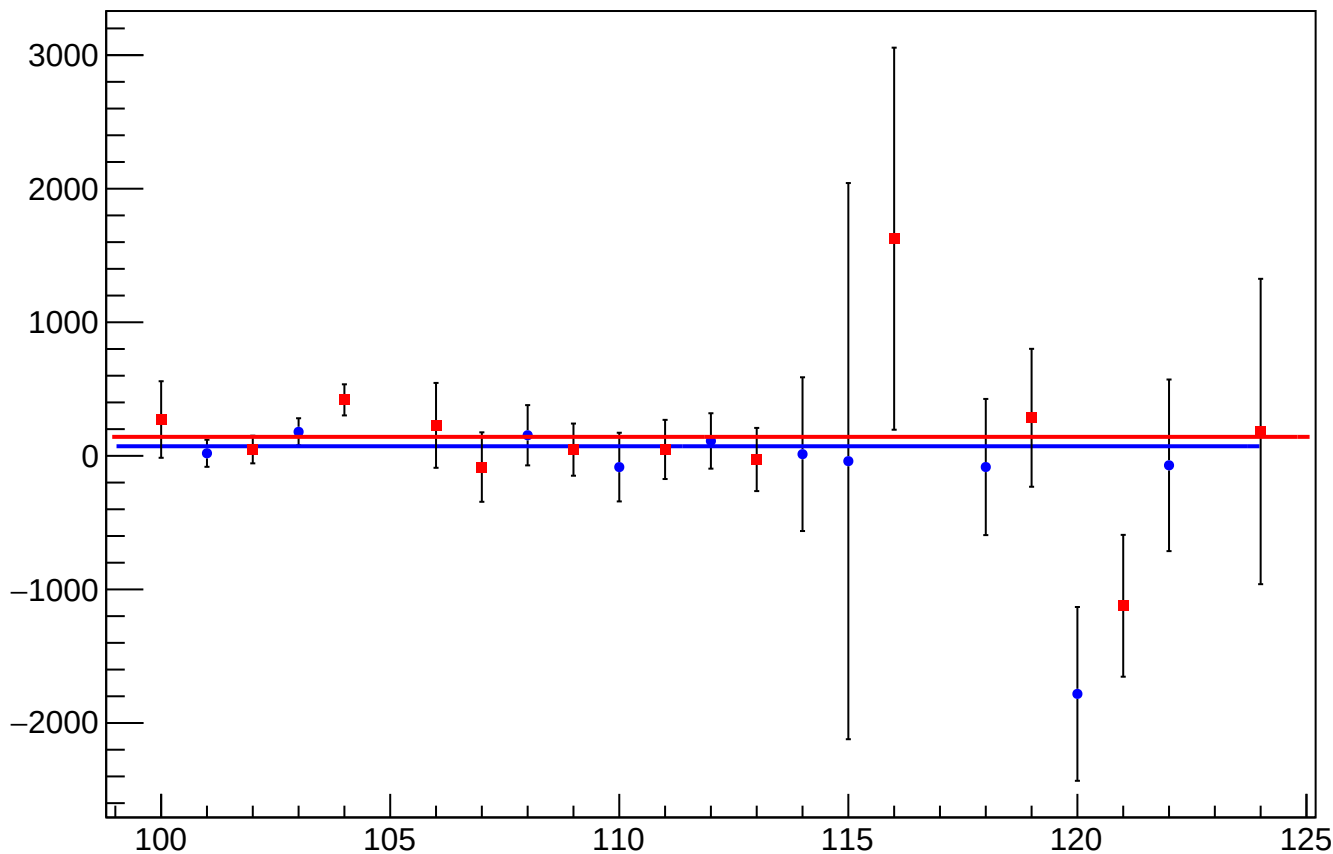
Right: 98.772 $\pm$ 0.028 χ^2 /NDF: 4500767.5/21

In: 95.667 $\pm$ 0.039 χ^2 /NDF: 2193340.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.772 $\pm$ 0.028 χ^2 /NDF: 4500767.5/21

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 71.844+/-61.525 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.159+/-60.080 χ^2/NDF : 15.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

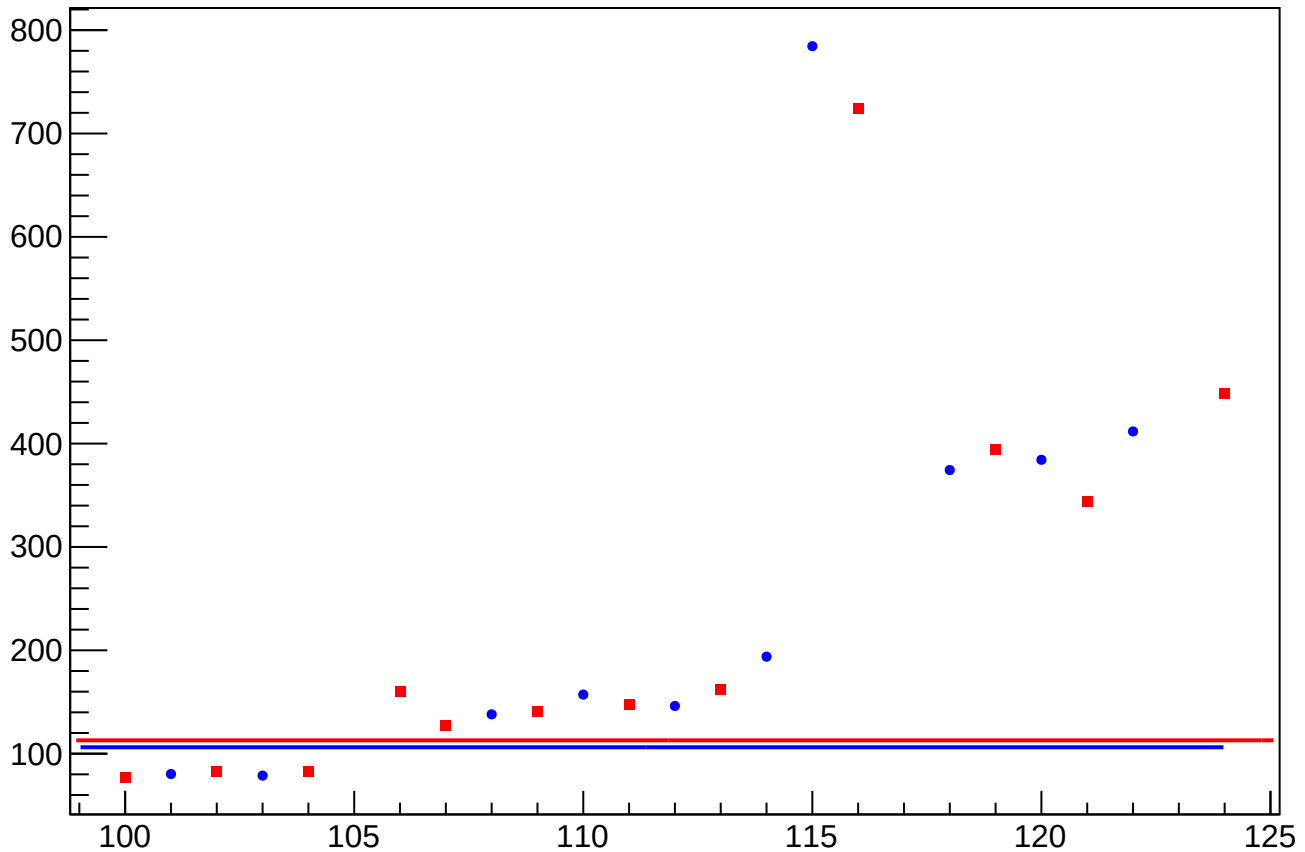
Right: 107.837+/-42.985 χ^2/NDF : 26.2/21

In: 71.844+/-61.525 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.837+/-42.985 χ^2/NDF : 26.2/21

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 106.205+/-0.044 χ^2/NDF : 2099146.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.919+/-0.042 χ^2/NDF : 2070206.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

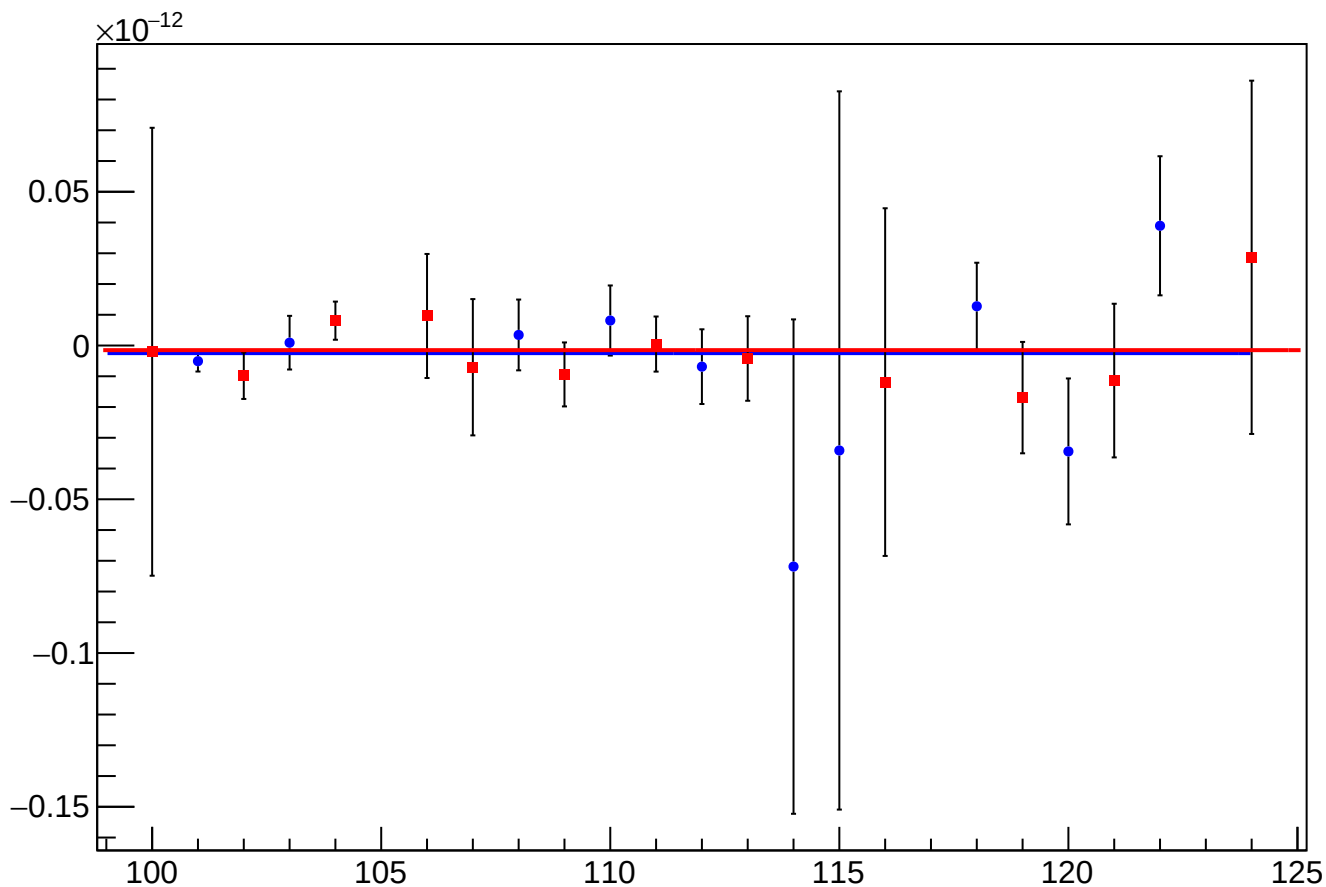
Right: 109.642+/-0.030 χ^2/NDF : 4181545.5/21

In: 106.205+/-0.044 χ^2/NDF : 2099146.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.642+/-0.030 χ^2/NDF : 4181545.5/21

asym_sam_15_avg_reg_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 : 5.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

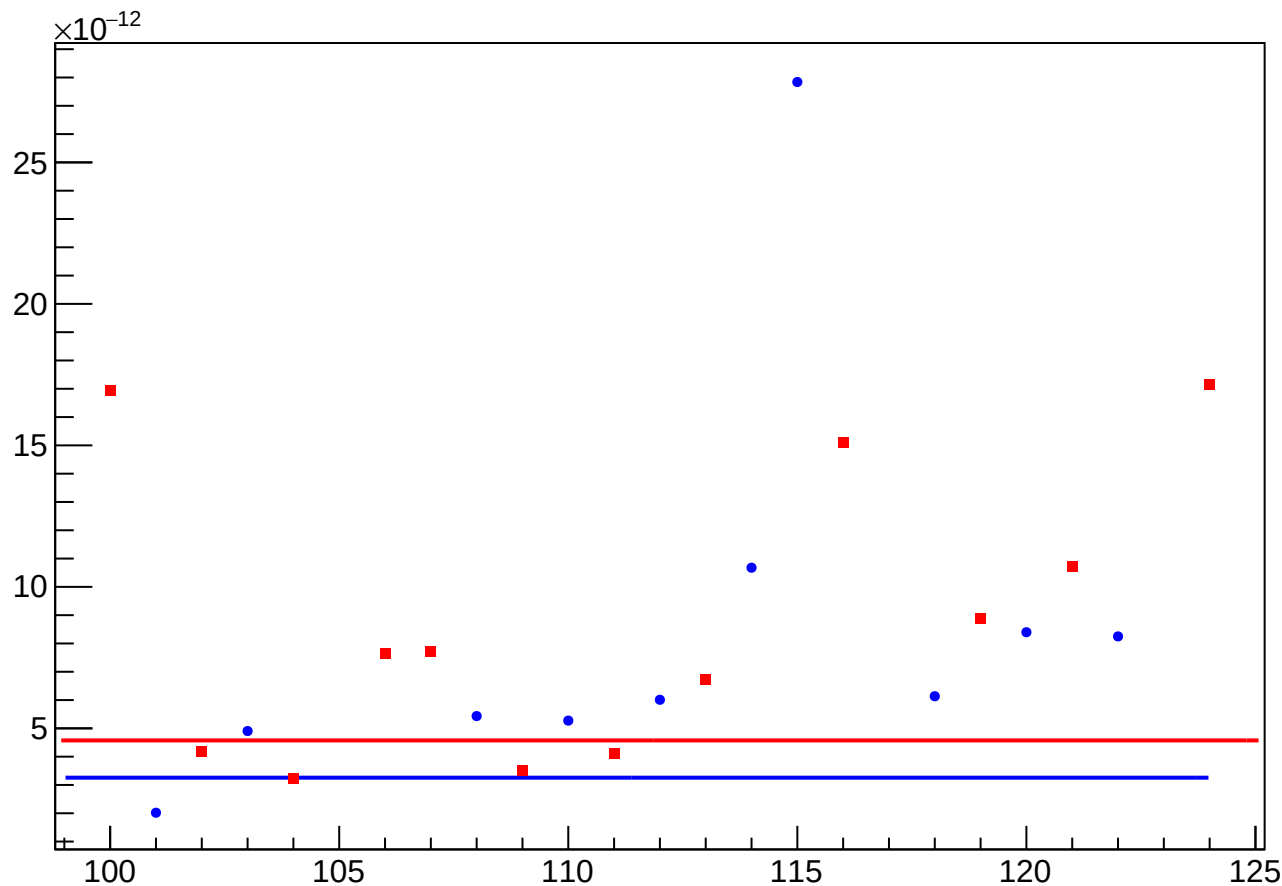
Right: -0.000+/-0.000 χ^2/NDF : 15.0/21

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 : 15.0/21

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 956475.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 721119.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

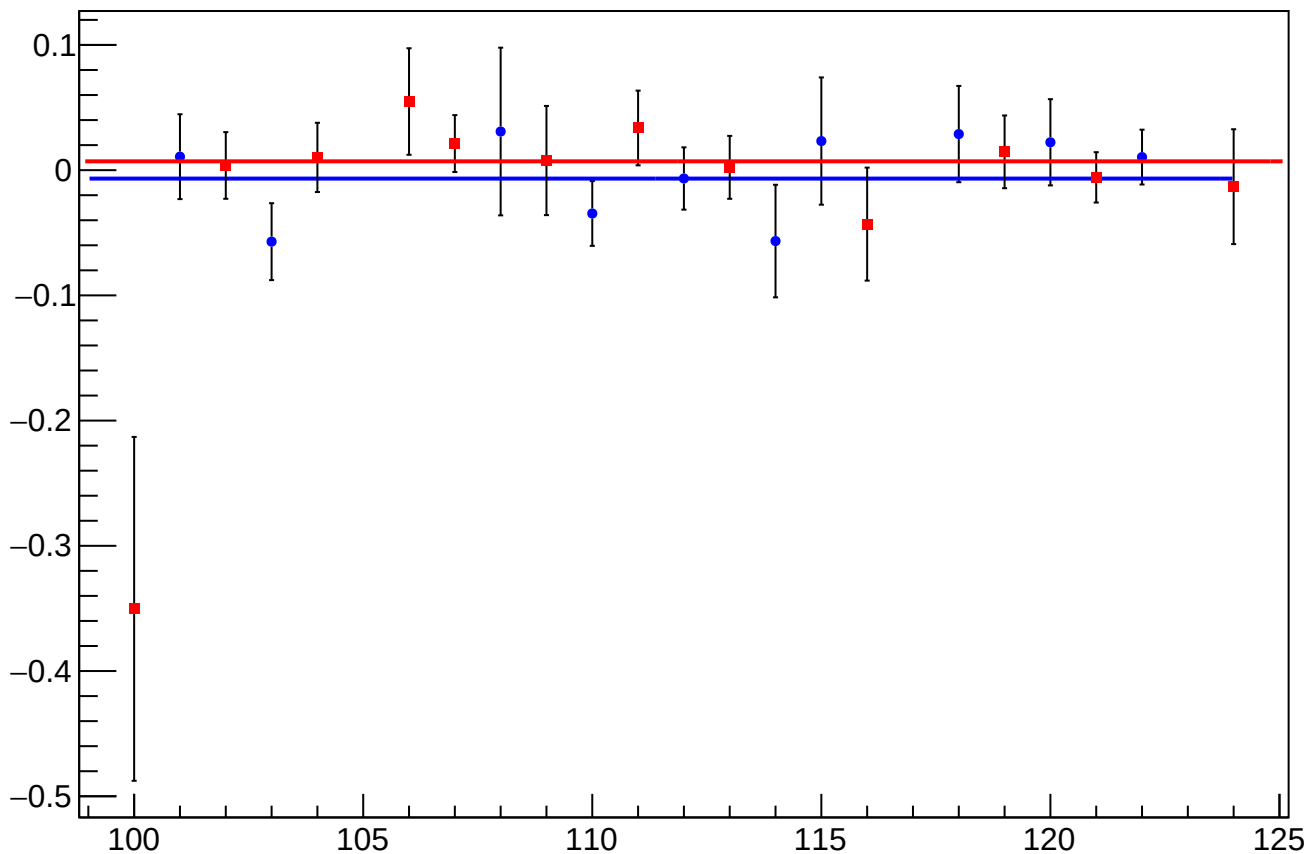
Right: 0.000+/-0.000 χ^2/NDF : 1850466.1/21

In: 0.000+/-0.000 χ^2/NDF : 956475.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1850466.1/21

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 $\chi^2/\text{NDF}: 8.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.007 ± 0.009 $\chi^2/\text{NDF}: 11.2/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

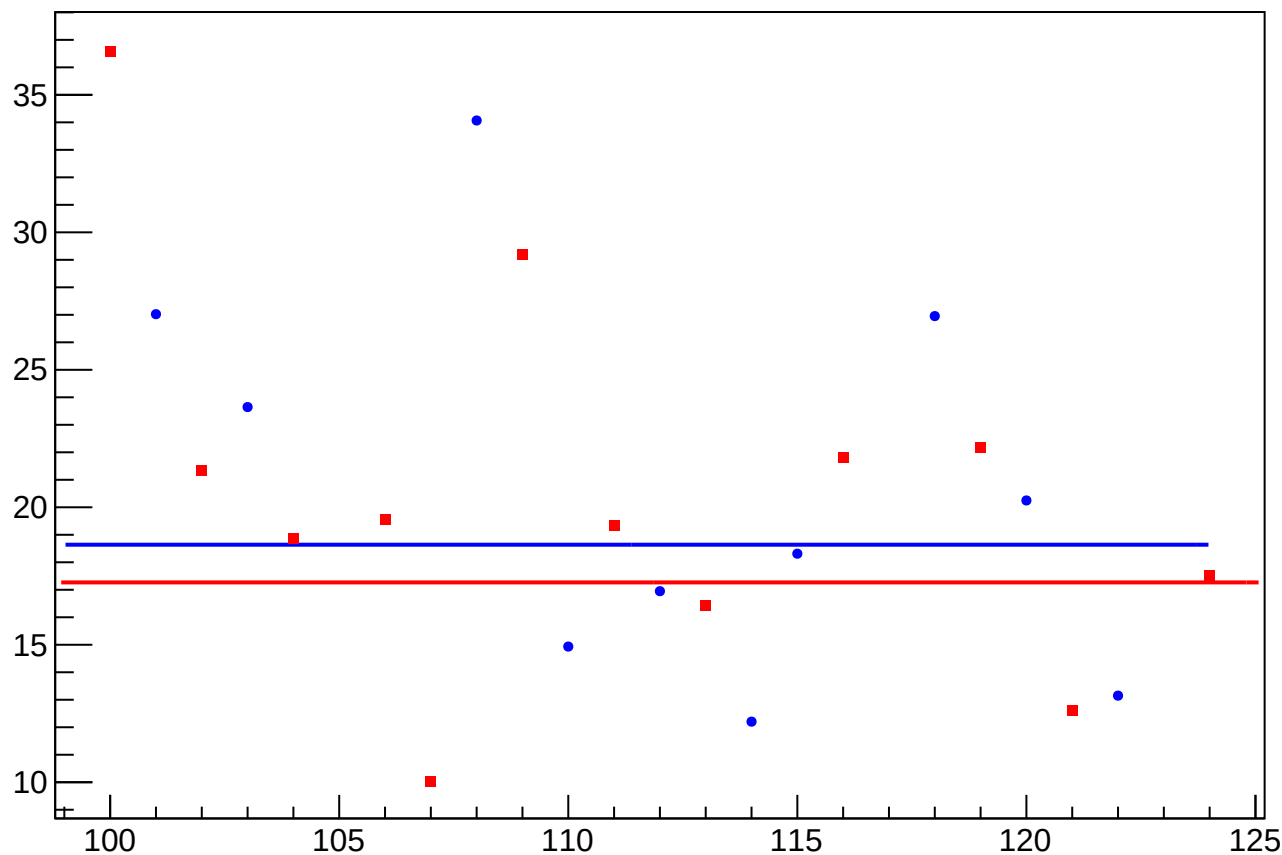
Right: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.4/21$

In: -0.007 ± 0.010 $\chi^2/\text{NDF}: 8.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.4/21$

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.639+/-0.007 χ^2/NDF : 596864.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.268+/-0.006 χ^2/NDF : 647855.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

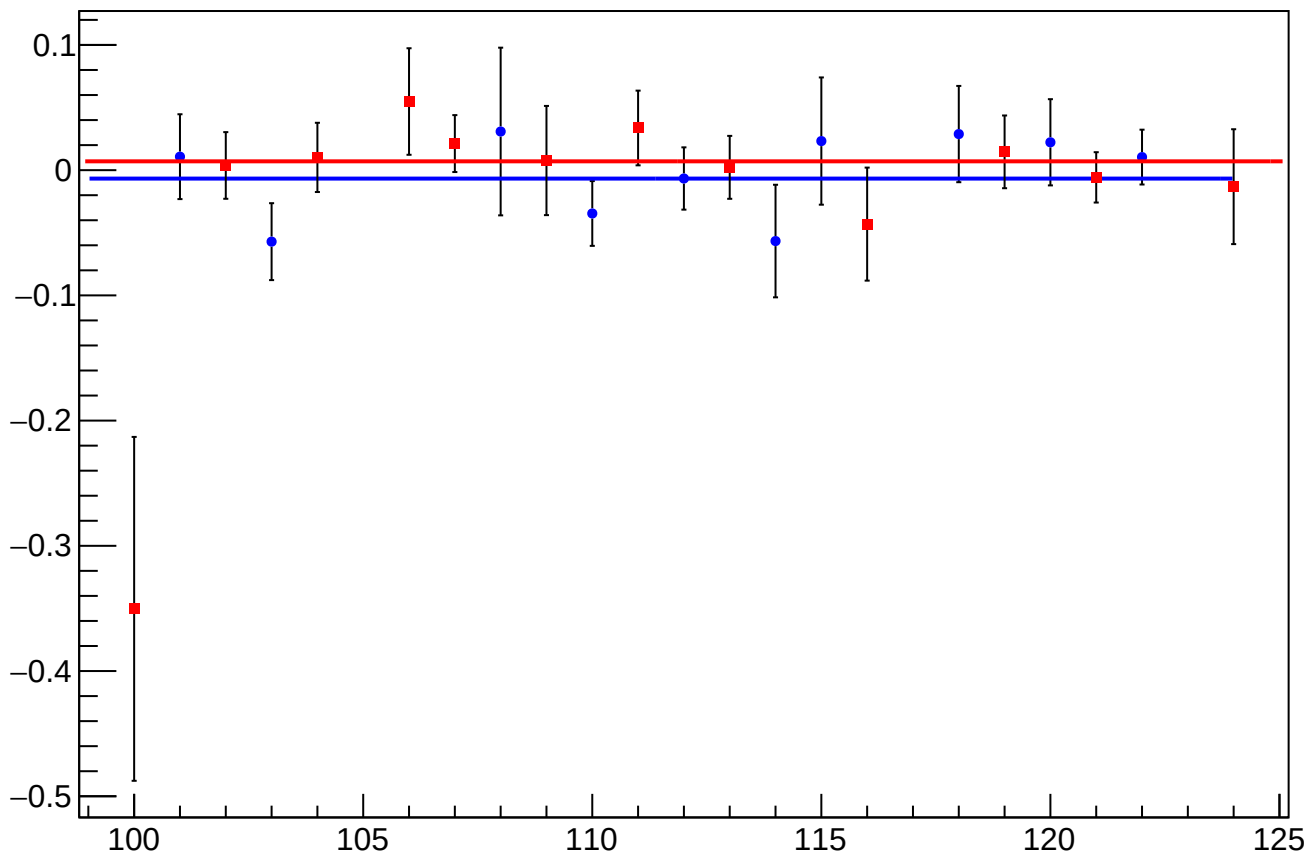
Right: 17.852+/-0.005 χ^2/NDF : 1265760.1/21

In: 18.639+/-0.007 χ^2/NDF : 596864.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.852+/-0.005 χ^2/NDF : 1265760.1/21

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 $\chi^2/\text{NDF}: 8.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.007 ± 0.009 $\chi^2/\text{NDF}: 11.2/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

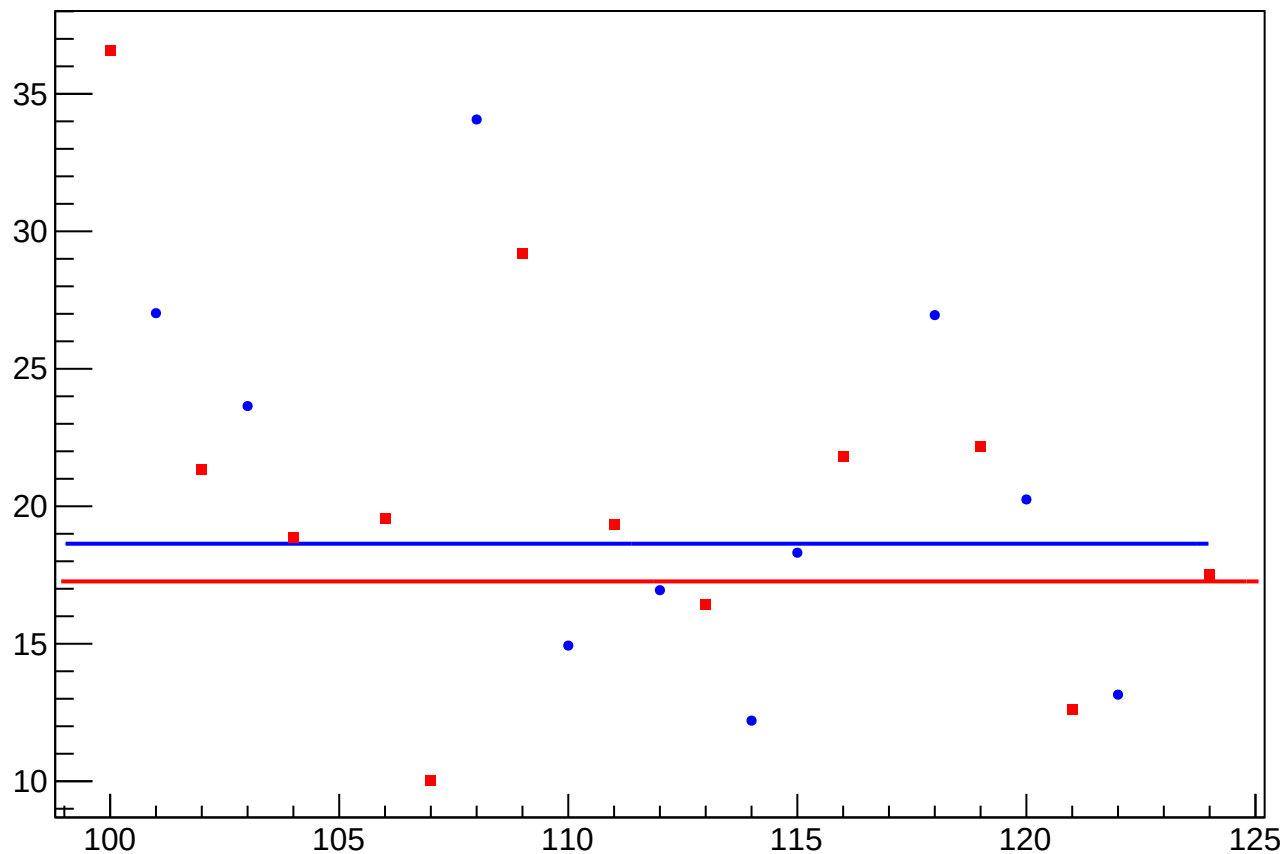
Right: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.4/21$

In: -0.007 ± 0.010 $\chi^2/\text{NDF}: 8.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.4/21$

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.639+/-0.007 χ^2/NDF : 596864.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.268+/-0.006 χ^2/NDF : 647855.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

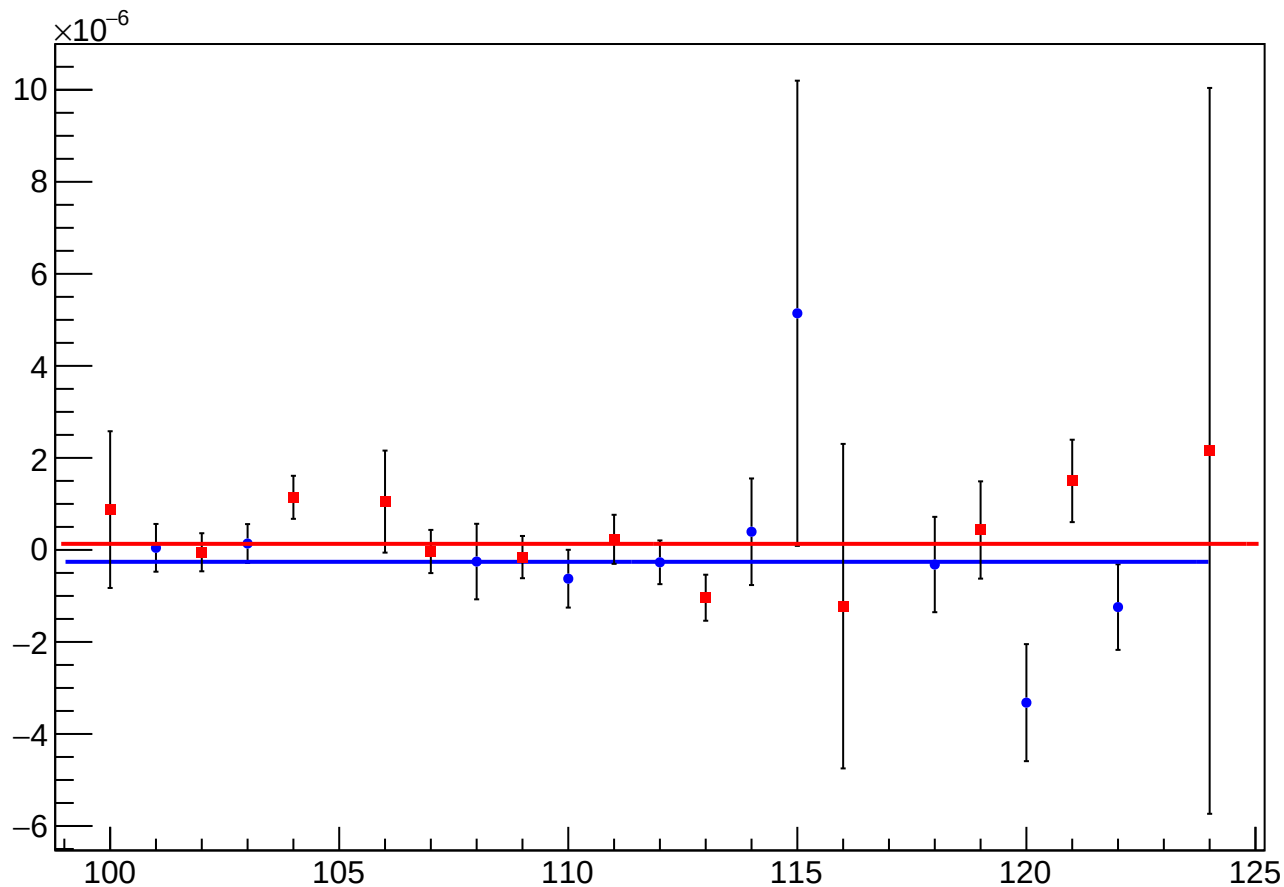
Right: 17.852+/-0.005 χ^2/NDF : 1265760.1/21

In: 18.639+/-0.007 χ^2/NDF : 596864.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.852+/-0.005 χ^2/NDF : 1265760.1/21

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

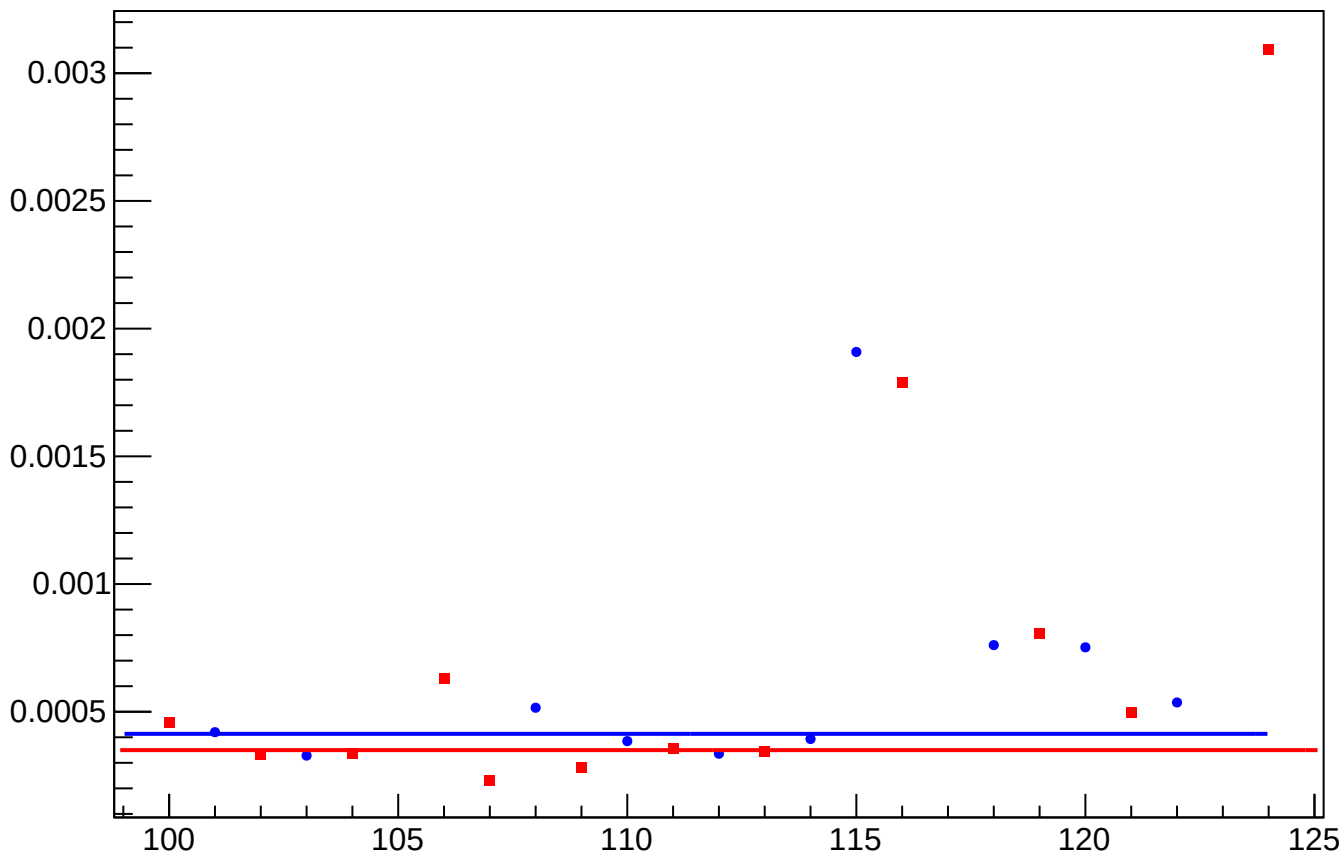
Right: -0.000+/-0.000 χ^2/NDF : 26.3/21

In: -0.000+/-0.000 χ^2/NDF : 9.9/9

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_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 747334.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1315904.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

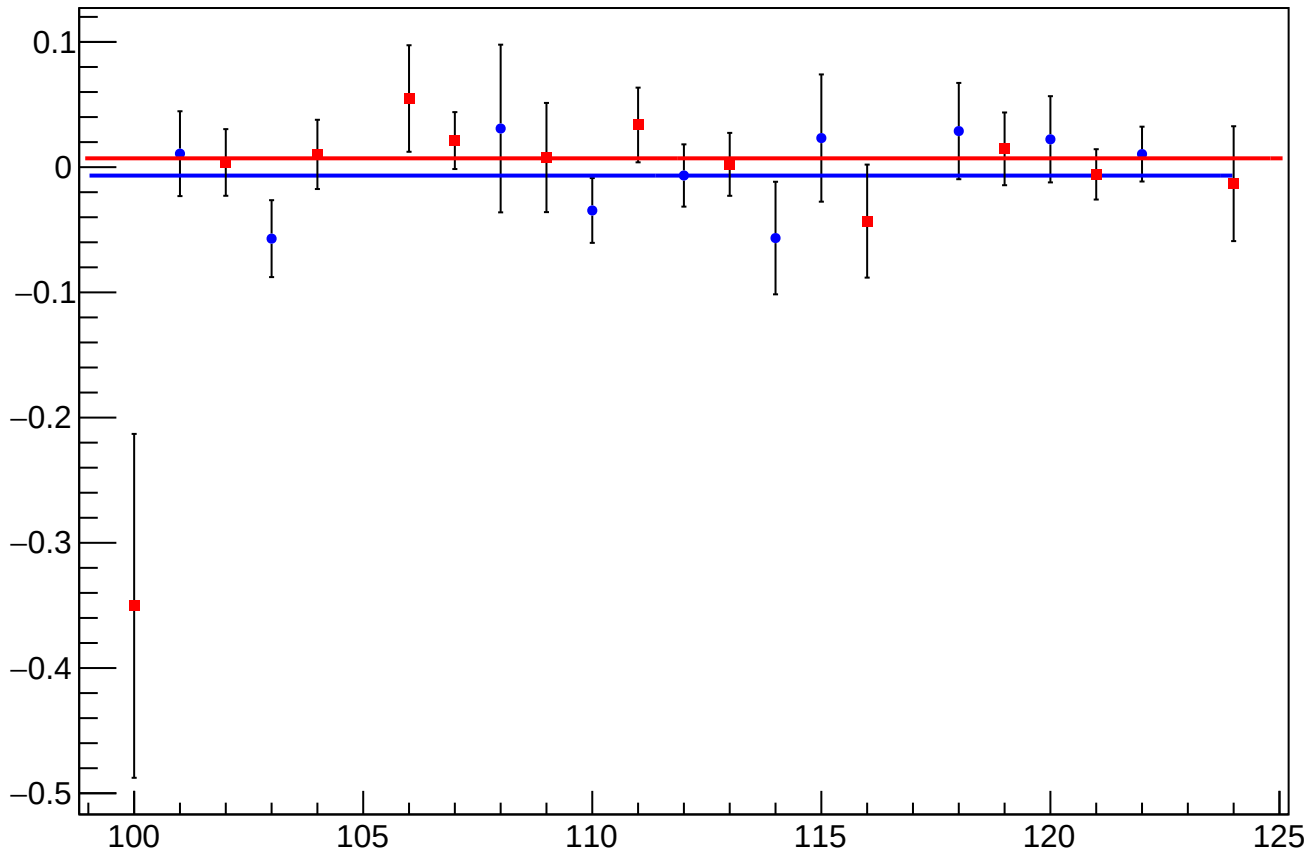
Right: 0.000+/-0.000 χ^2/NDF : 2165367.3/21

In: 0.000+/-0.000 χ^2/NDF : 747334.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2165367.3/21

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 χ^2/NDF : 8.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.009 χ^2/NDF : 11.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

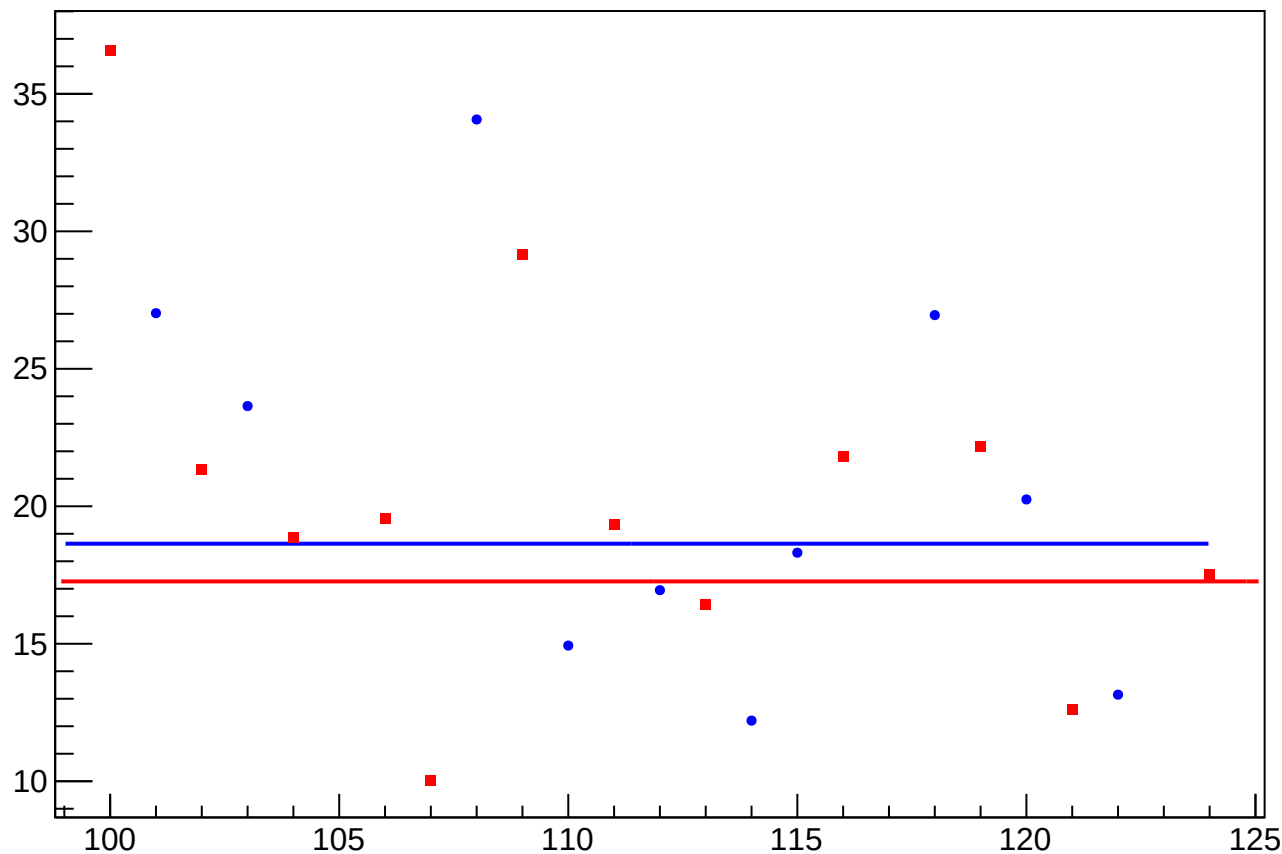
Right: 0.001 ± 0.007 χ^2/NDF : 20.4/21

In: -0.007 ± 0.010 χ^2/NDF : 8.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.007 χ^2/NDF : 20.4/21

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.639+/-0.007 χ^2/NDF : 596856.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.268+/-0.006 χ^2/NDF : 647870.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

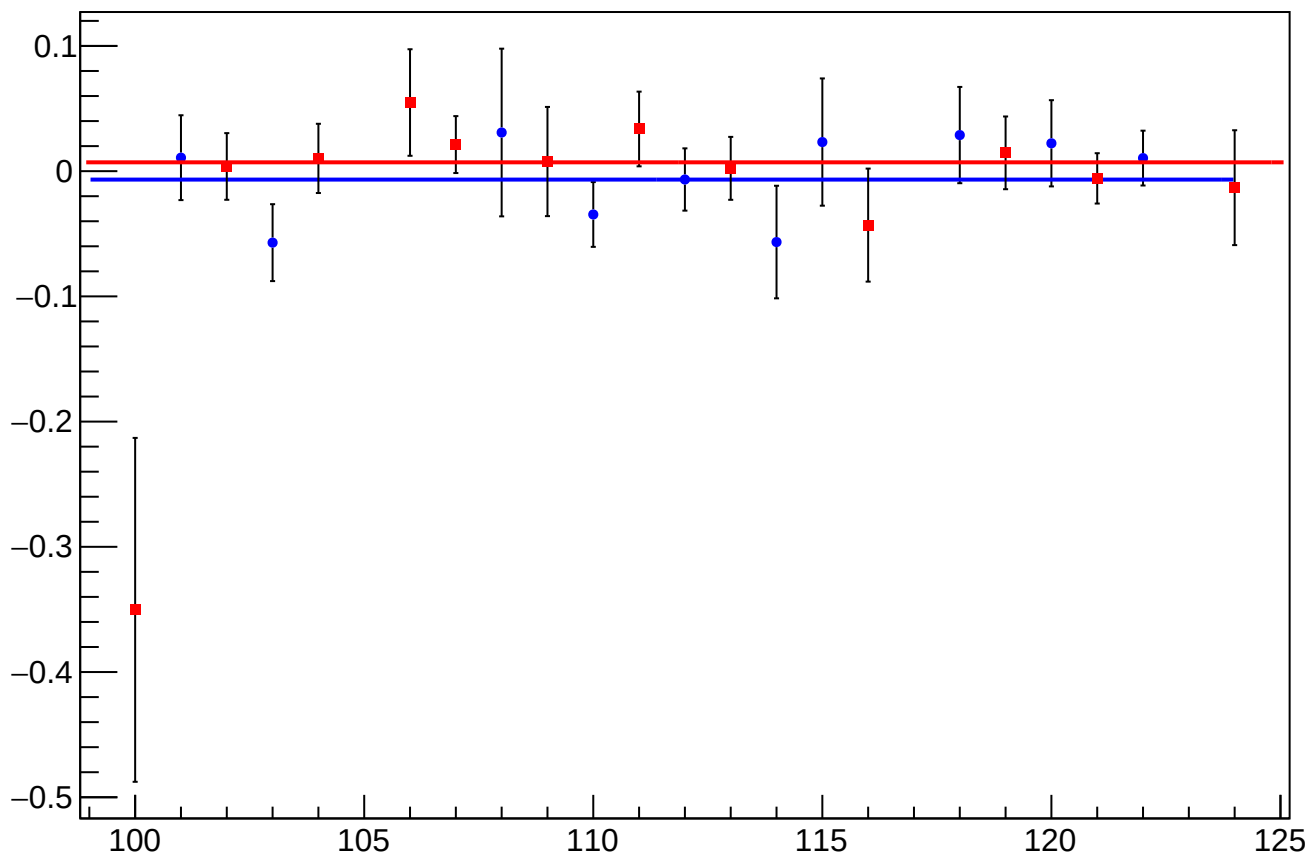
Right: 17.852+/-0.005 χ^2/NDF : 1265771.7/21

In: 18.639+/-0.007 χ^2/NDF : 596856.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.852+/-0.005 χ^2/NDF : 1265771.7/21

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 χ^2/NDF : 8.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.009 χ^2/NDF : 11.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

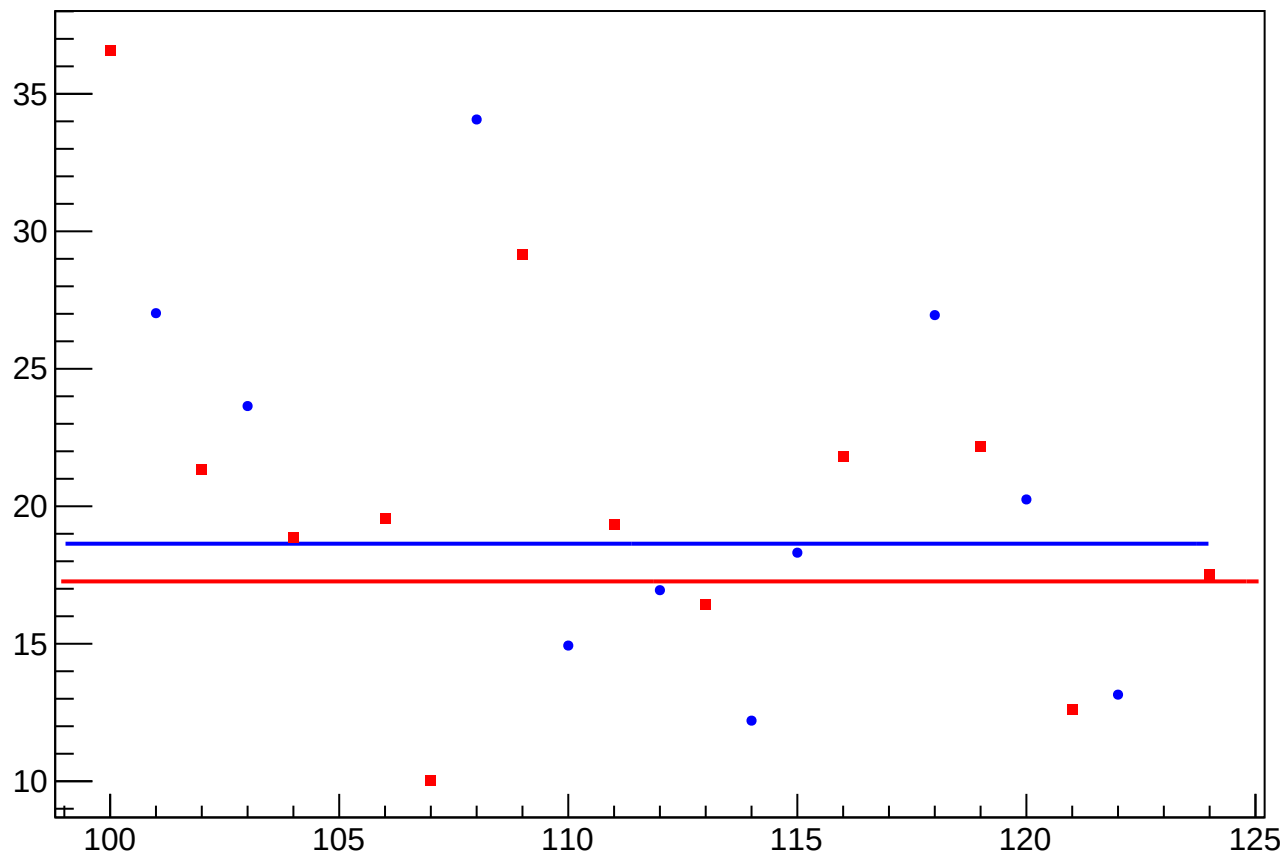
Right: 0.001 ± 0.007 χ^2/NDF : 20.4/21

In: -0.007 ± 0.010 χ^2/NDF : 8.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.007 χ^2/NDF : 20.4/21

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.639+/-0.007 χ^2/NDF : 596856.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.268+/-0.006 χ^2/NDF : 647870.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

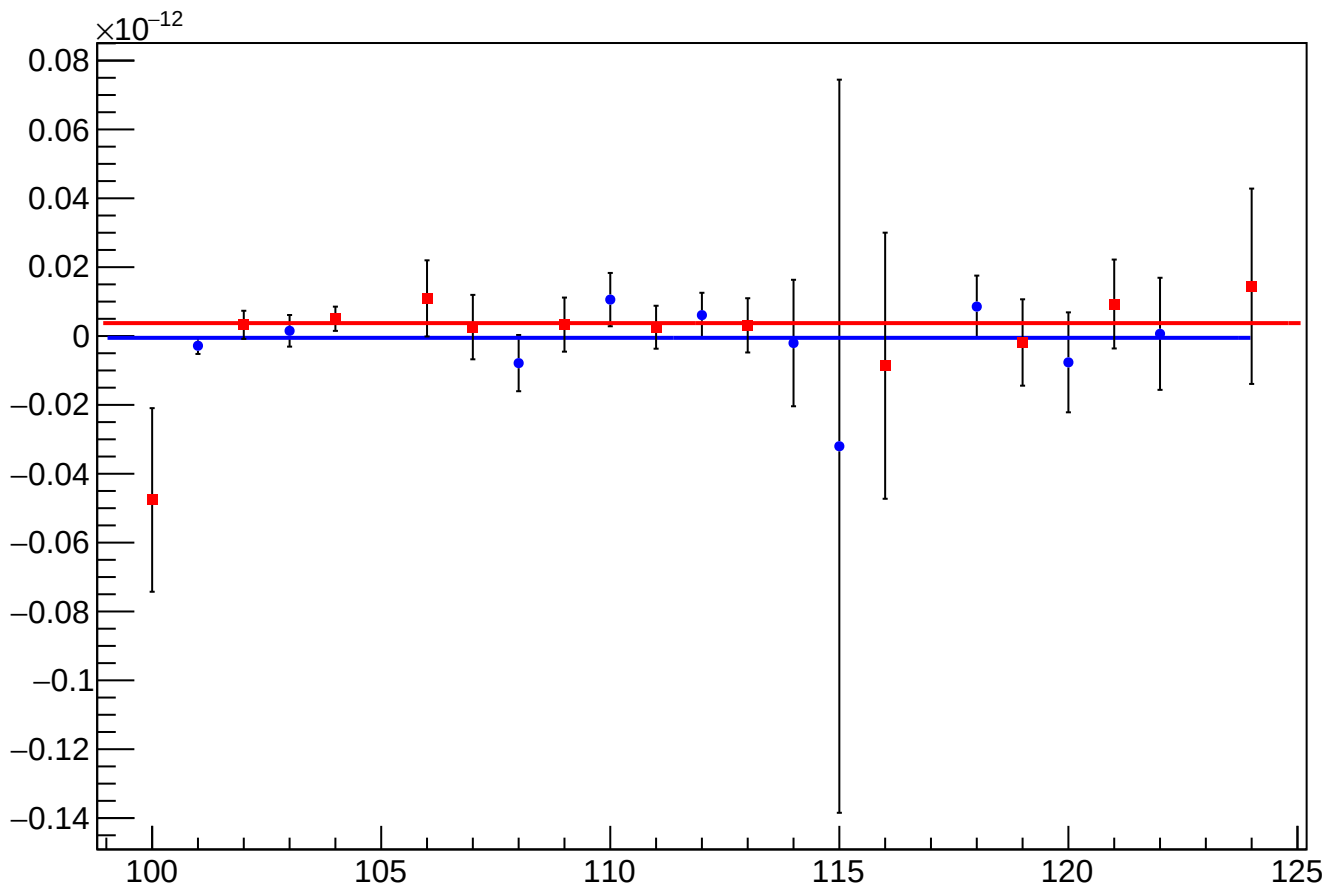
Right: 17.852+/-0.005 χ^2/NDF : 1265771.7/21

In: 18.639+/-0.007 χ^2/NDF : 596856.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.852+/-0.005 χ^2/NDF : 1265771.7/21

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 5.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

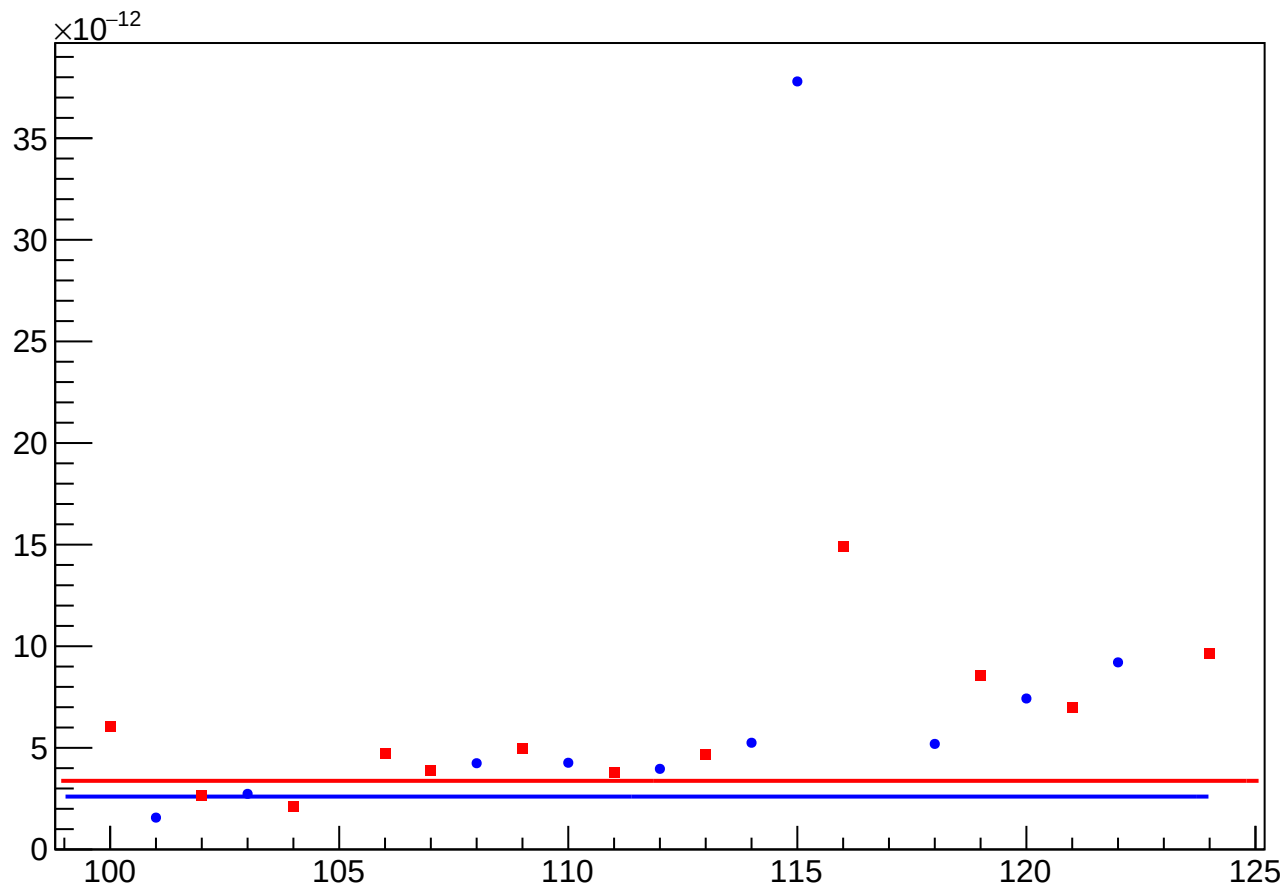
Right: 0.000+/-0.000 χ^2 /NDF: 13.8/21

In: -0.000+/-0.000 χ^2 /NDF:6.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 13.8/21

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1616885.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1296379.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

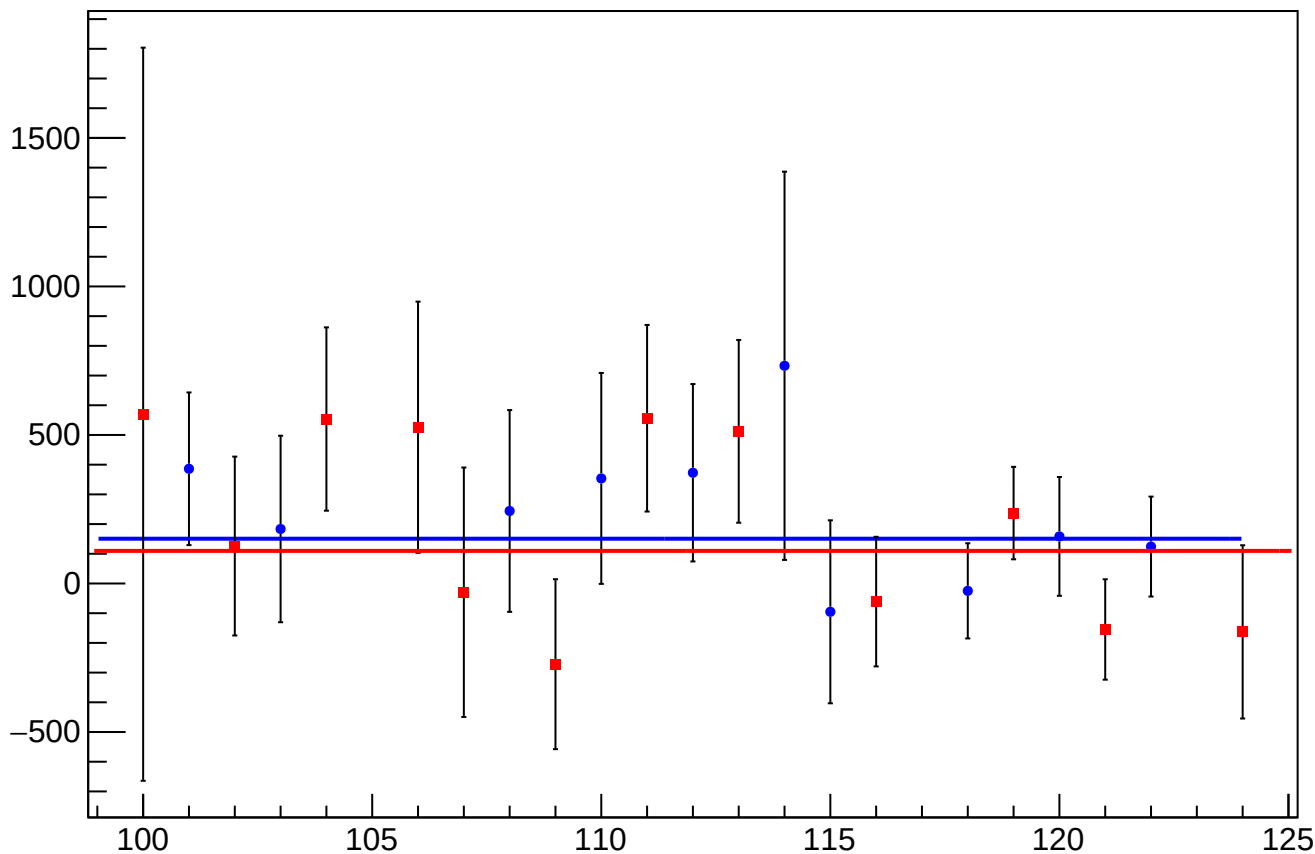
Right: 0.000+/-0.000 χ^2/NDF : 3071763.1/21

In: 0.000+/-0.000 χ^2/NDF : 1616885.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3071763.1/21

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 150.731 $\pm$ 77.779 χ^2 /NDF: 4.5/9

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 109.742 $\pm$ 75.499 χ^2 /NDF: 13.4/11

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

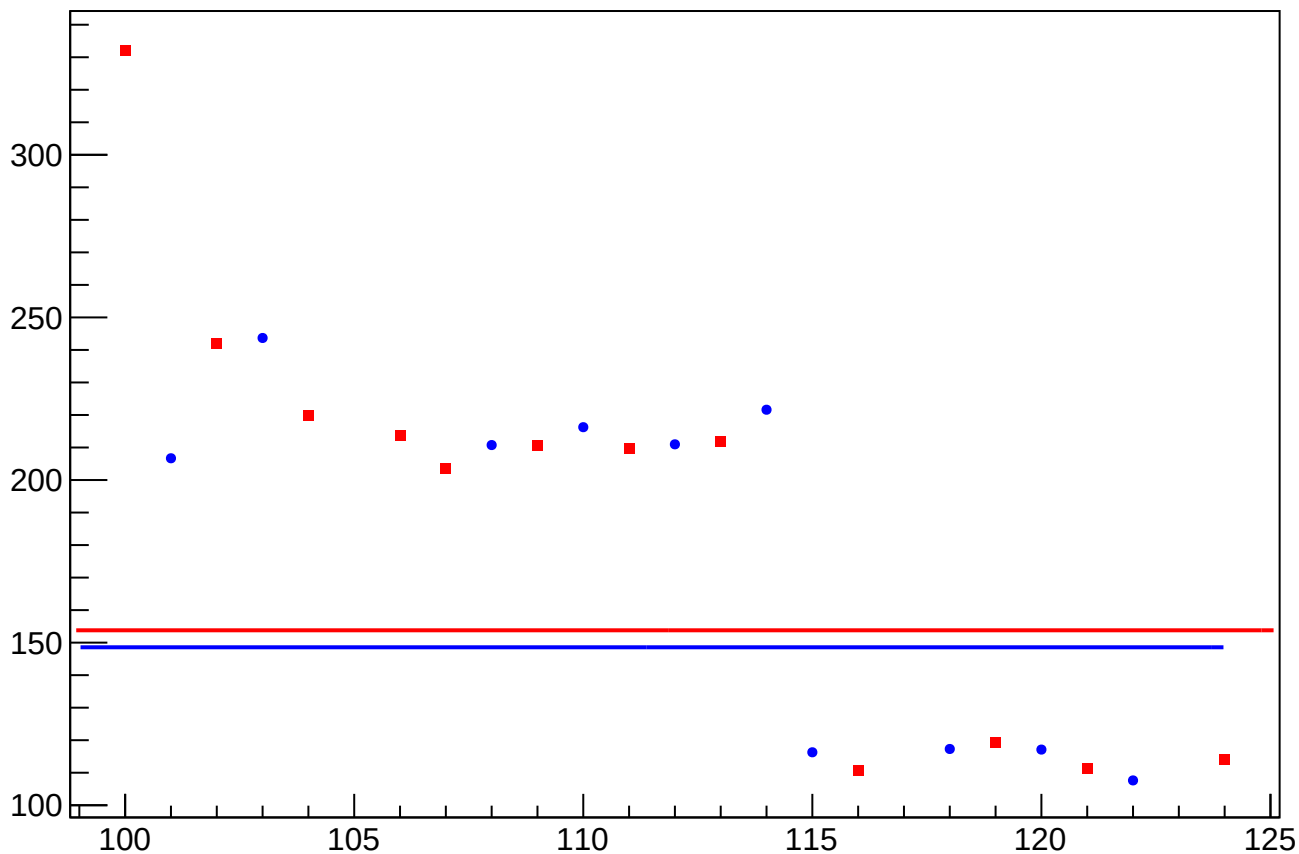
Right: 129.627 $\pm$ 54.174 χ^2 /NDF: 18.0/21

In: 150.731 $\pm$ 77.779 χ^2 /NDF:4.5/9

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 129.627 $\pm$ 54.174 χ^2 /NDF: 18.0/21

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 148.570+/-0.055 χ^2/NDF : 804019.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.794+/-0.053 χ^2/NDF : 925380.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

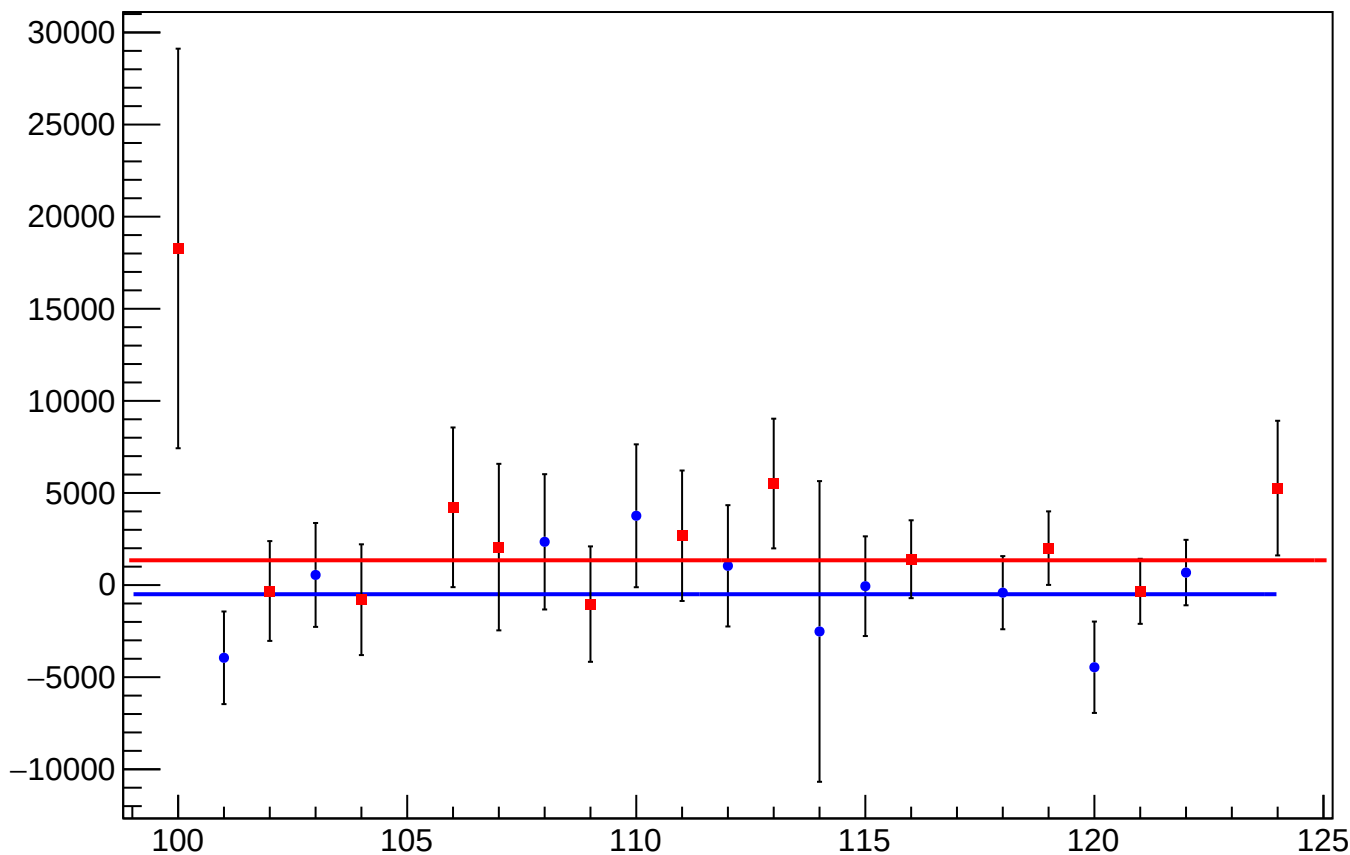
Right: 151.260+/-0.038 χ^2/NDF : 1734043.6/21

In: 148.570+/-0.055 χ^2/NDF : 804019.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.260+/-0.038 χ^2/NDF : 1734043.6/21

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -496.430+/-844.716 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.467+/-819.130 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

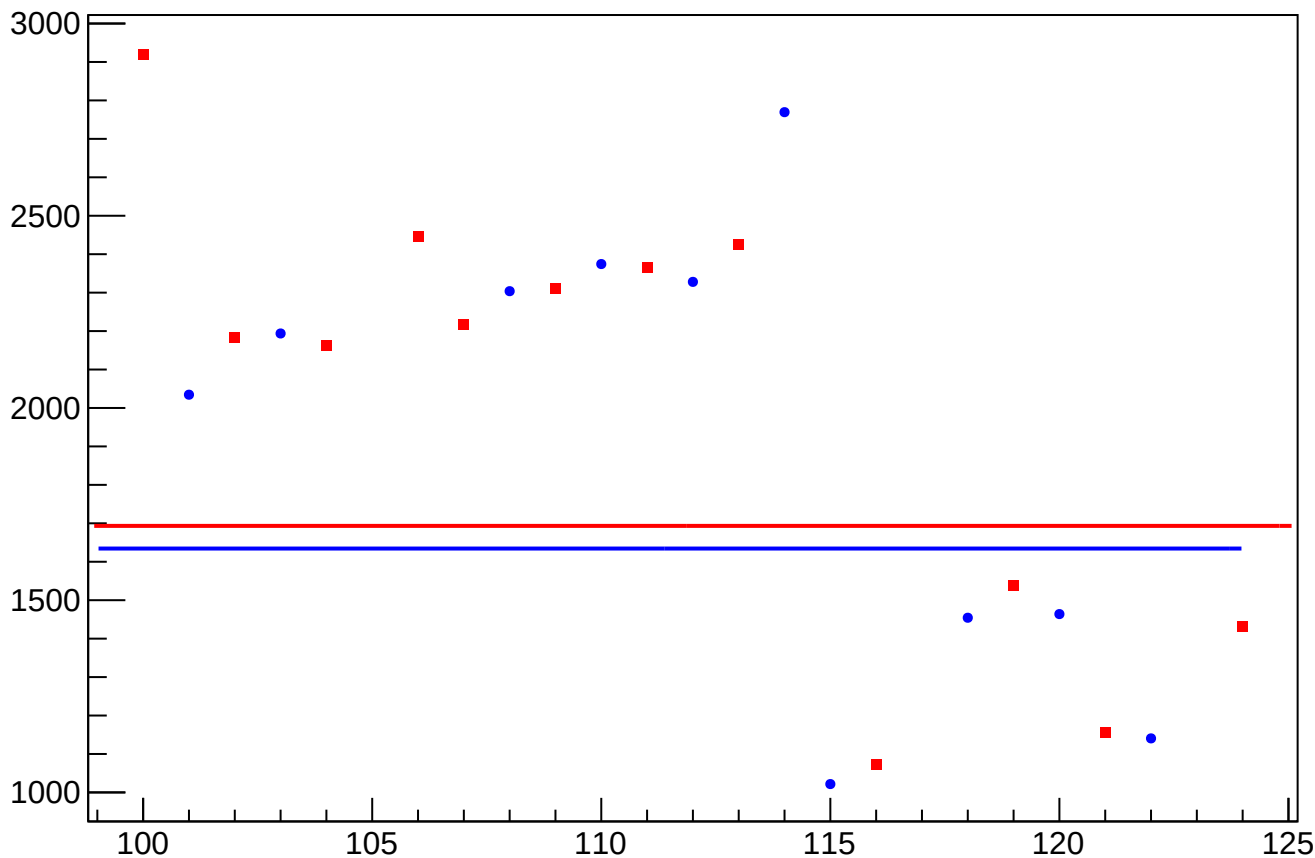
Right: 452.837+/-588.050 χ^2/NDF : 17.7/21

In: -496.430+/-844.716 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.837+/-588.050 χ^2/NDF : 17.7/21

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1634.359+/-0.597 χ^2/NDF : 678964.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.293+/-0.579 χ^2/NDF : 844444.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

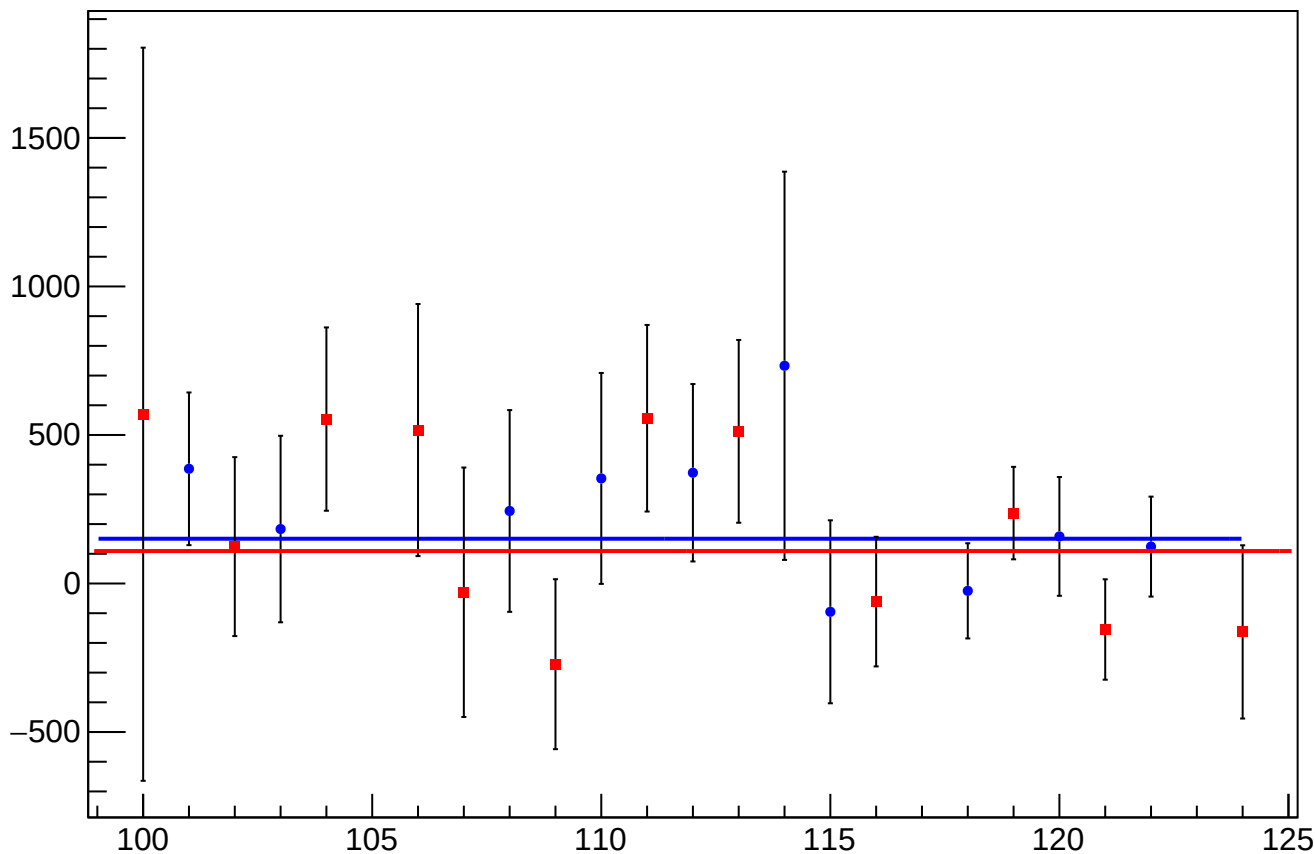
Right: 1664.732+/-0.416 χ^2/NDF : 1528425.9/21

In: 1634.359+/-0.597 χ^2/NDF : 678964.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1664.732+/-0.416 χ^2/NDF : 1528425.9/21

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 150.716 $\pm$ 77.779 χ^2 /NDF: 4.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.214 $\pm$ 75.510 χ^2 /NDF: 13.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

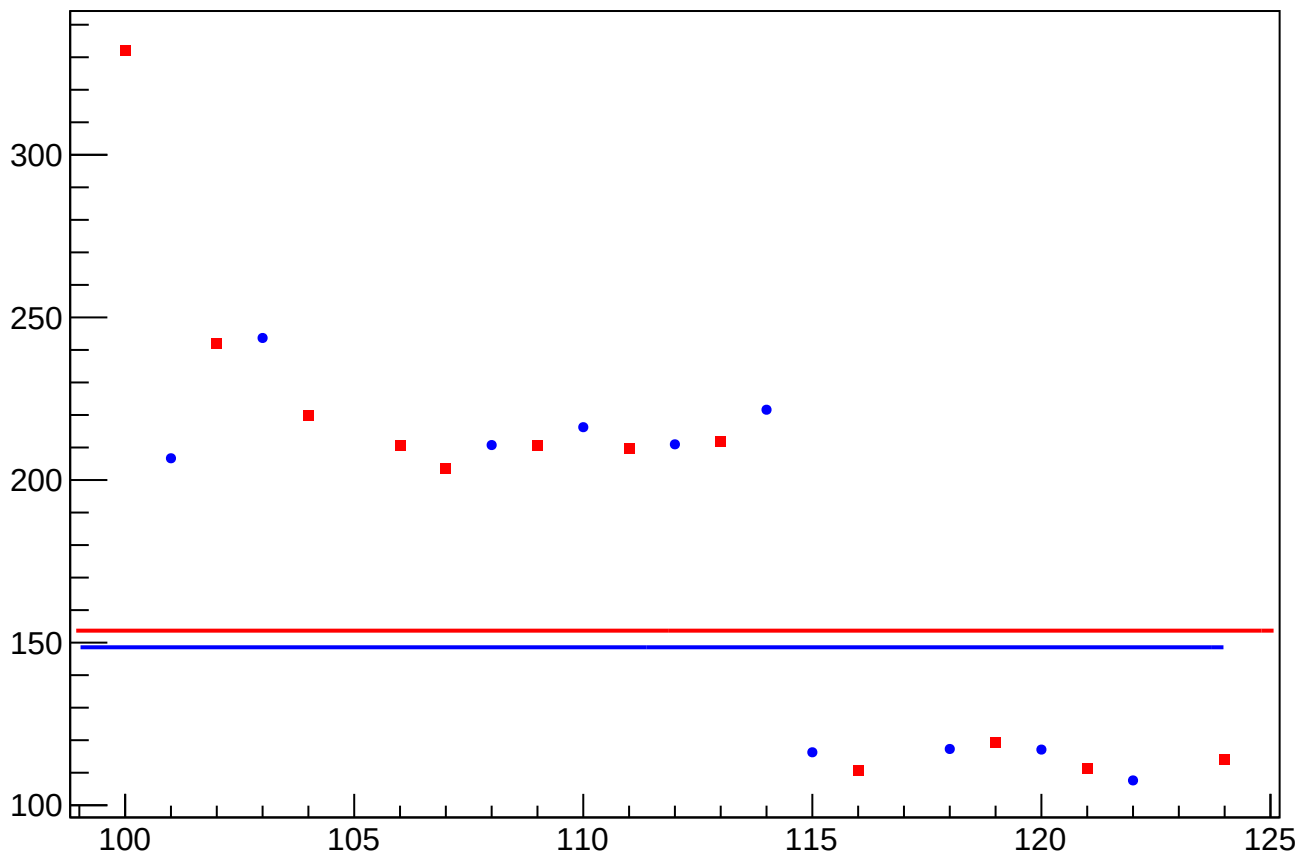
Right: 129.351 $\pm$ 54.178 χ^2 /NDF: 18.0/21

In: 150.716 $\pm$ 77.779 χ^2 /NDF: 4.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.351 $\pm$ 54.178 χ^2 /NDF: 18.0/21

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 148.570+/-0.055 χ^2/NDF : 804021.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.684+/-0.053 χ^2/NDF : 921397.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

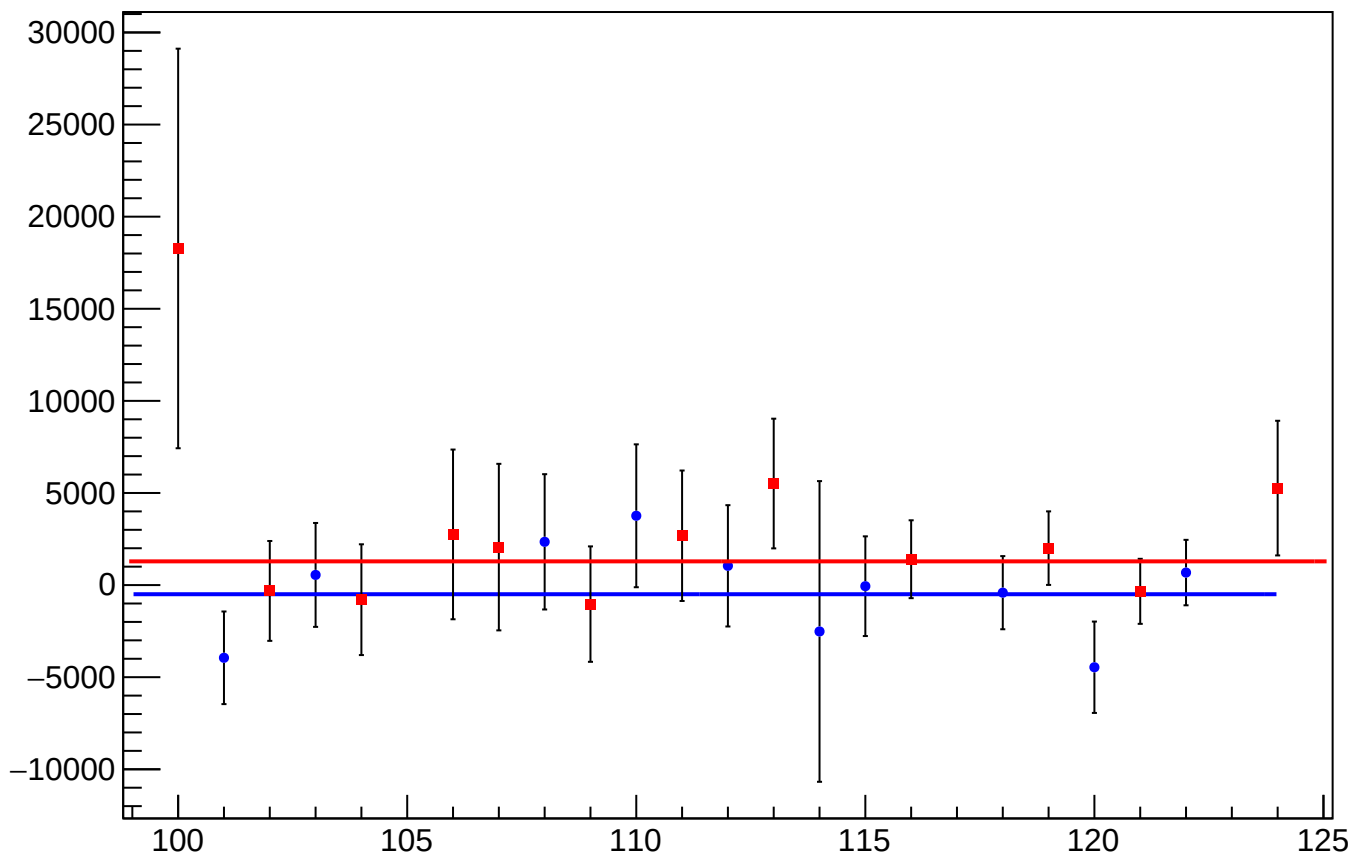
Right: 151.203+/-0.038 χ^2/NDF : 1729870.2/21

In: 148.570+/-0.055 χ^2/NDF : 804021.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.203+/-0.038 χ^2/NDF : 1729870.2/21

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -496.346+/-844.720 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1287.606+/-820.864 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

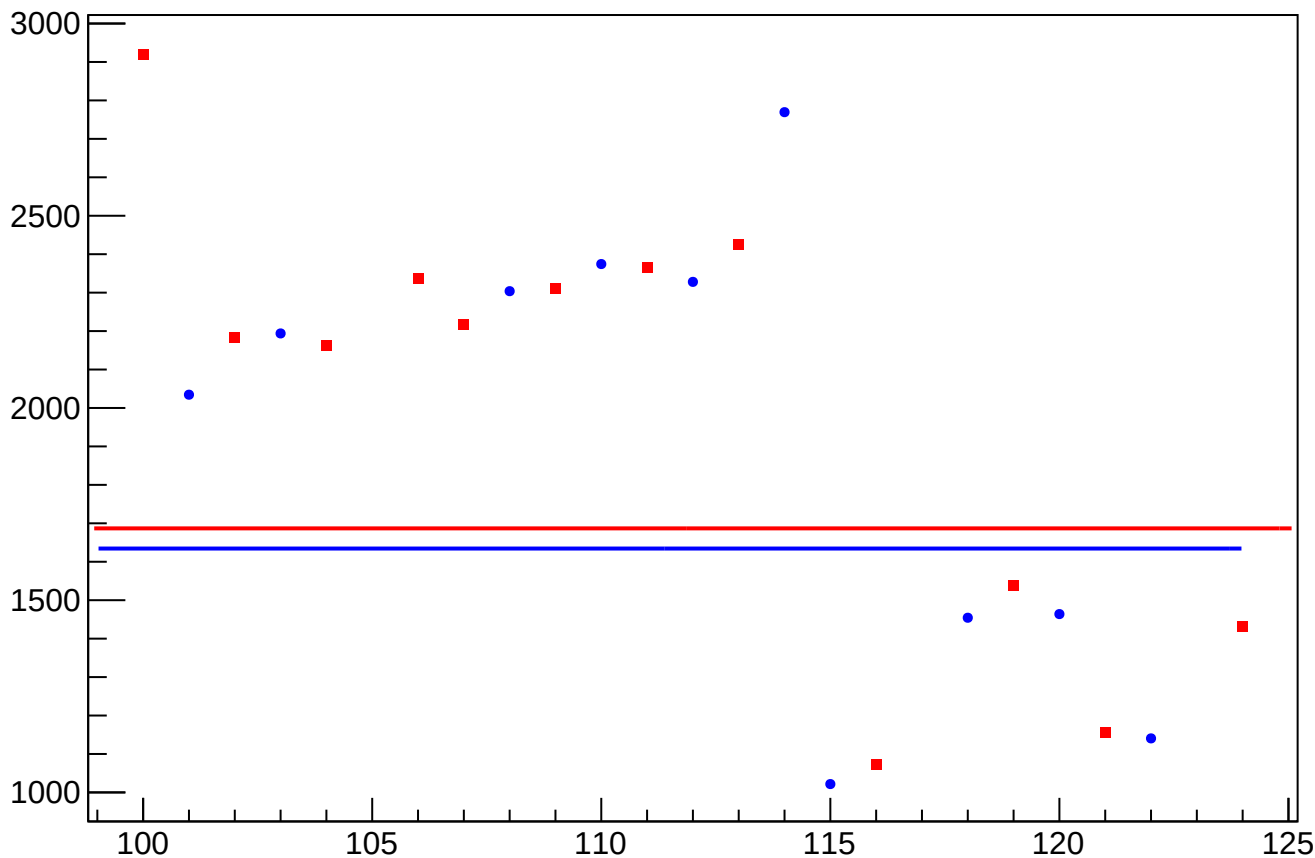
Right: 421.176+/-588.692 χ^2/NDF : 17.1/21

In: -496.346+/-844.720 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.176+/-588.692 χ^2/NDF : 17.1/21

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1634.363+/-0.597 χ^2/NDF : 678989.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1686.801+/-0.580 χ^2/NDF : 823348.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

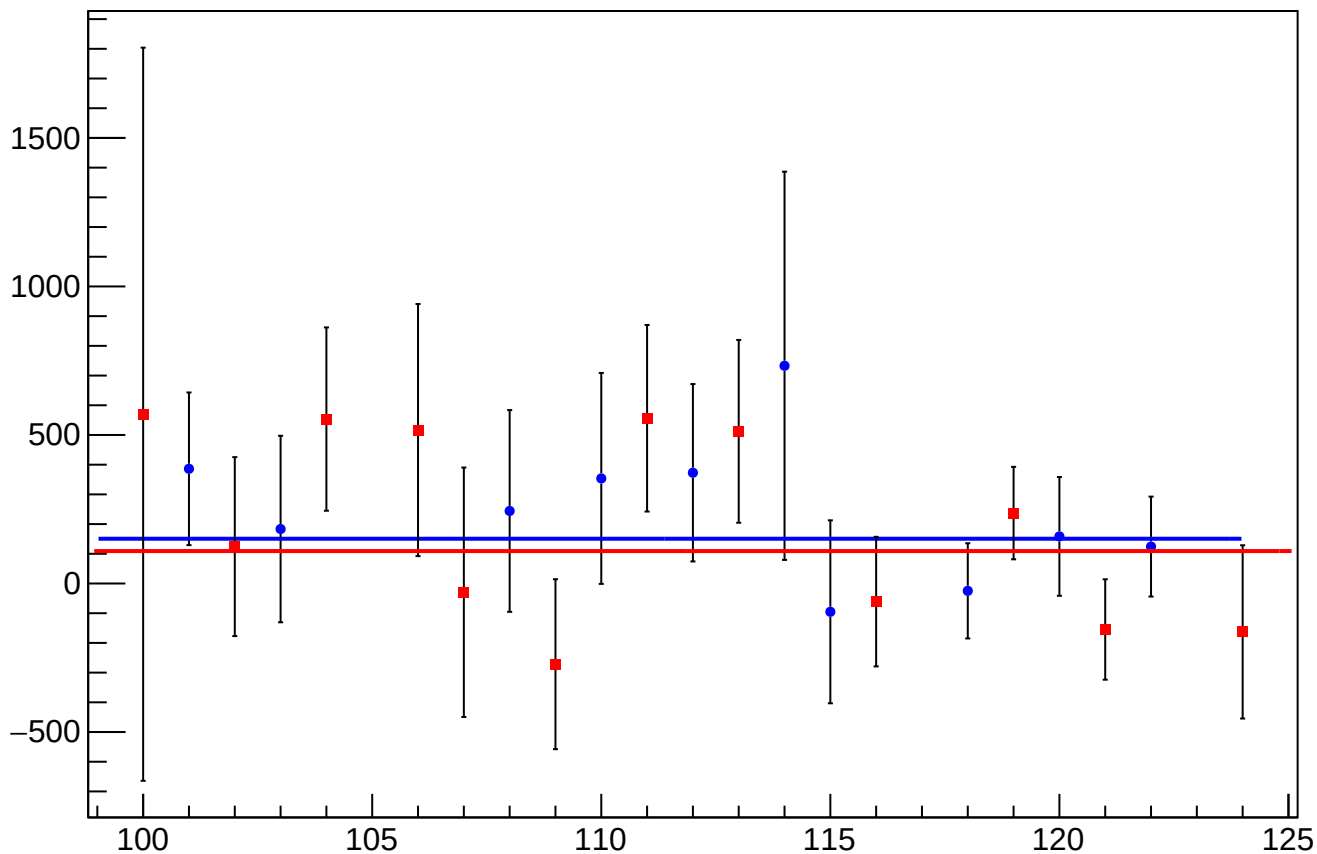
Right: 1661.333+/-0.416 χ^2/NDF : 1506301.5/21

In: 1634.363+/-0.597 χ^2/NDF : 678989.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.333+/-0.416 χ^2/NDF : 1506301.5/21

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 150.716+/-77.779 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.214+/-75.510 χ^2/NDF : 13.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

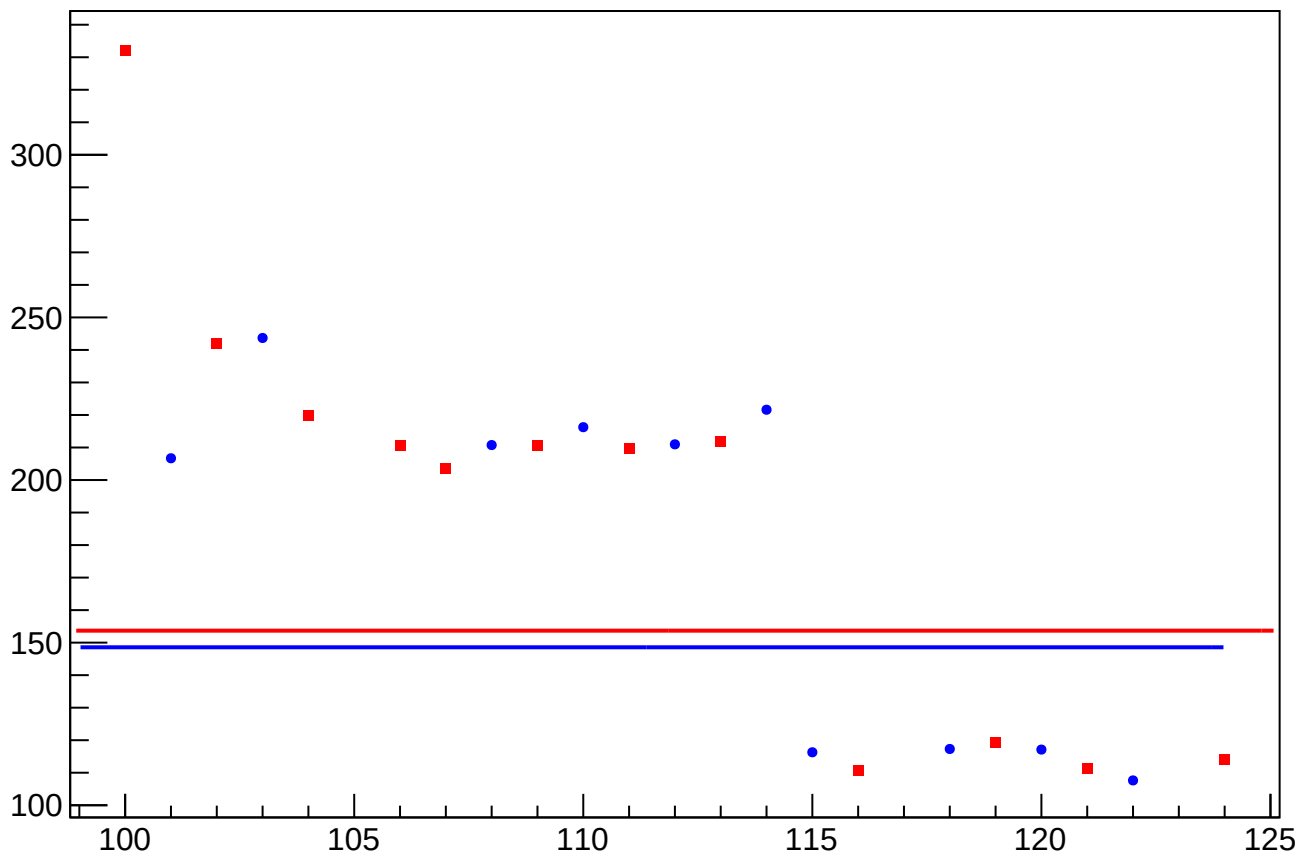
Right: 129.351+/-54.178 χ^2/NDF : 18.0/21

In: 150.716+/-77.779 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.351+/-54.178 χ^2/NDF : 18.0/21

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 148.570+/-0.055 χ^2/NDF : 804021.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.684+/-0.053 χ^2/NDF : 921397.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

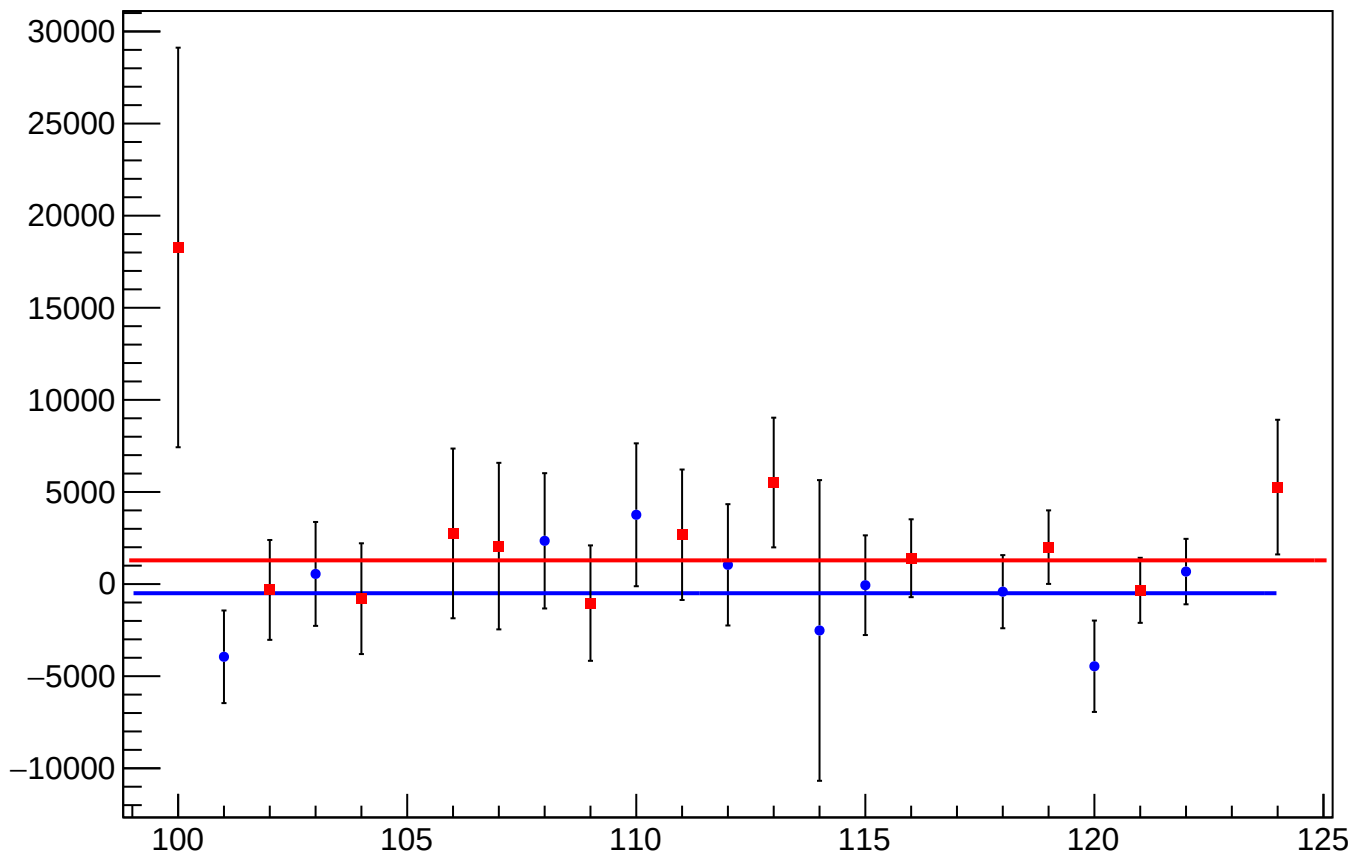
Right: 151.203+/-0.038 χ^2/NDF : 1729870.2/21

In: 148.570+/-0.055 χ^2/NDF : 804021.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.203+/-0.038 χ^2/NDF : 1729870.2/21

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -496.346+/-844.720 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1287.606+/-820.864 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

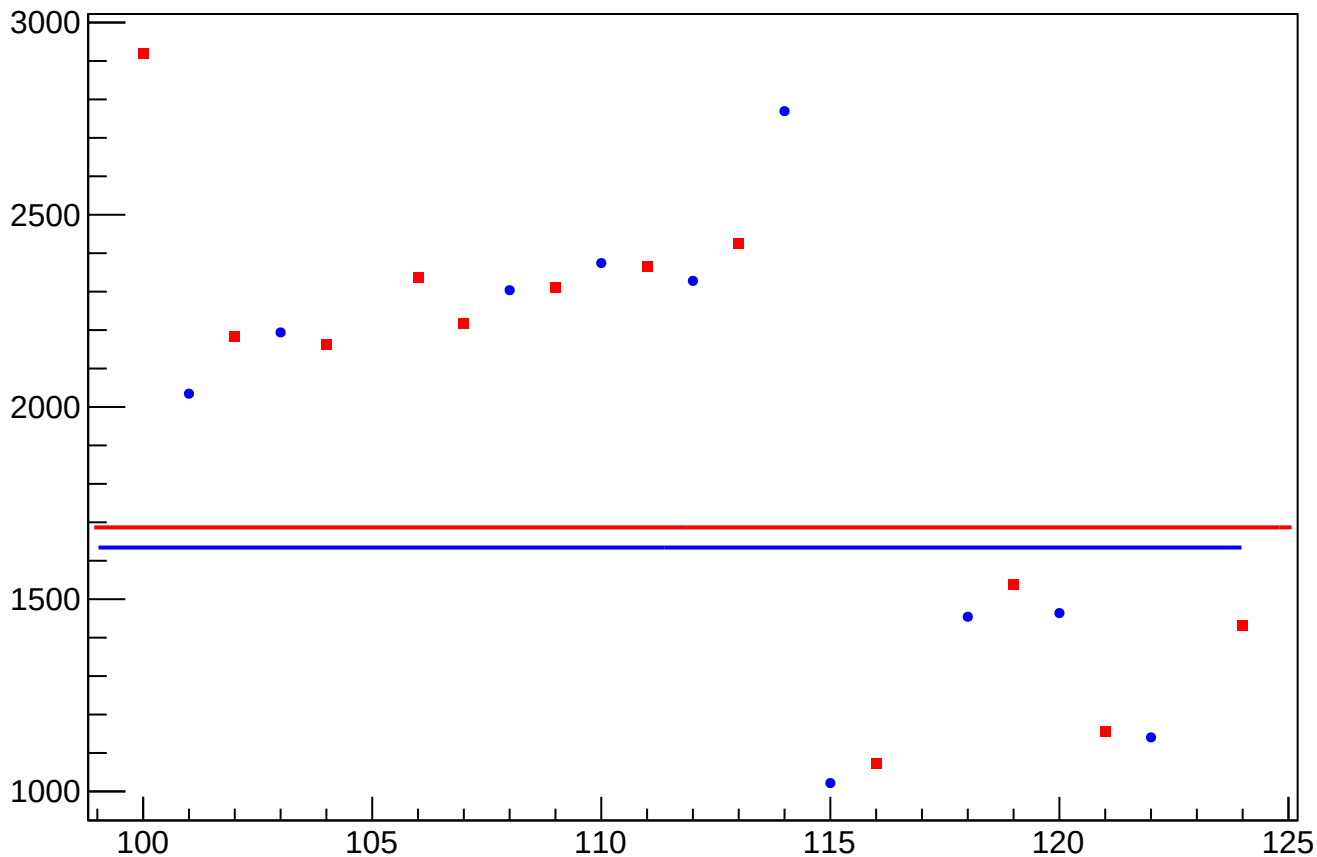
Right: 421.176+/-588.692 χ^2/NDF : 17.1/21

In: -496.346+/-844.720 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.176+/-588.692 χ^2/NDF : 17.1/21

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1634.363+/-0.597 χ^2/NDF : 678989.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1686.801+/-0.580 χ^2/NDF : 823348.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

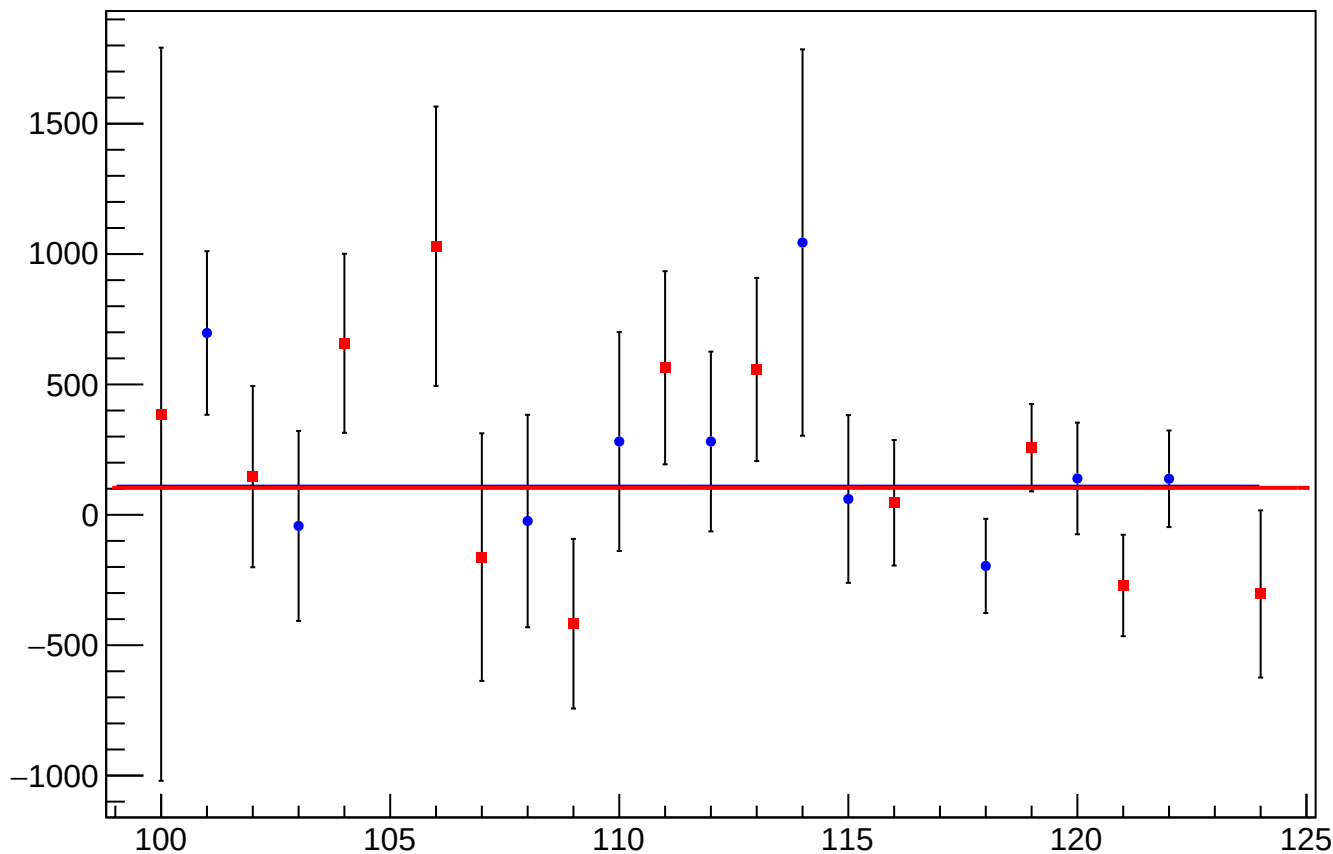
Right: 1661.333+/-0.416 χ^2/NDF : 1506301.5/21

In: 1634.363+/-0.597 χ^2/NDF : 678989.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.333+/-0.416 χ^2/NDF : 1506301.5/21

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 108.048 $\pm$ 87.403 χ^2 /NDF: 8.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.423 $\pm$ 84.781 χ^2 /NDF: 18.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

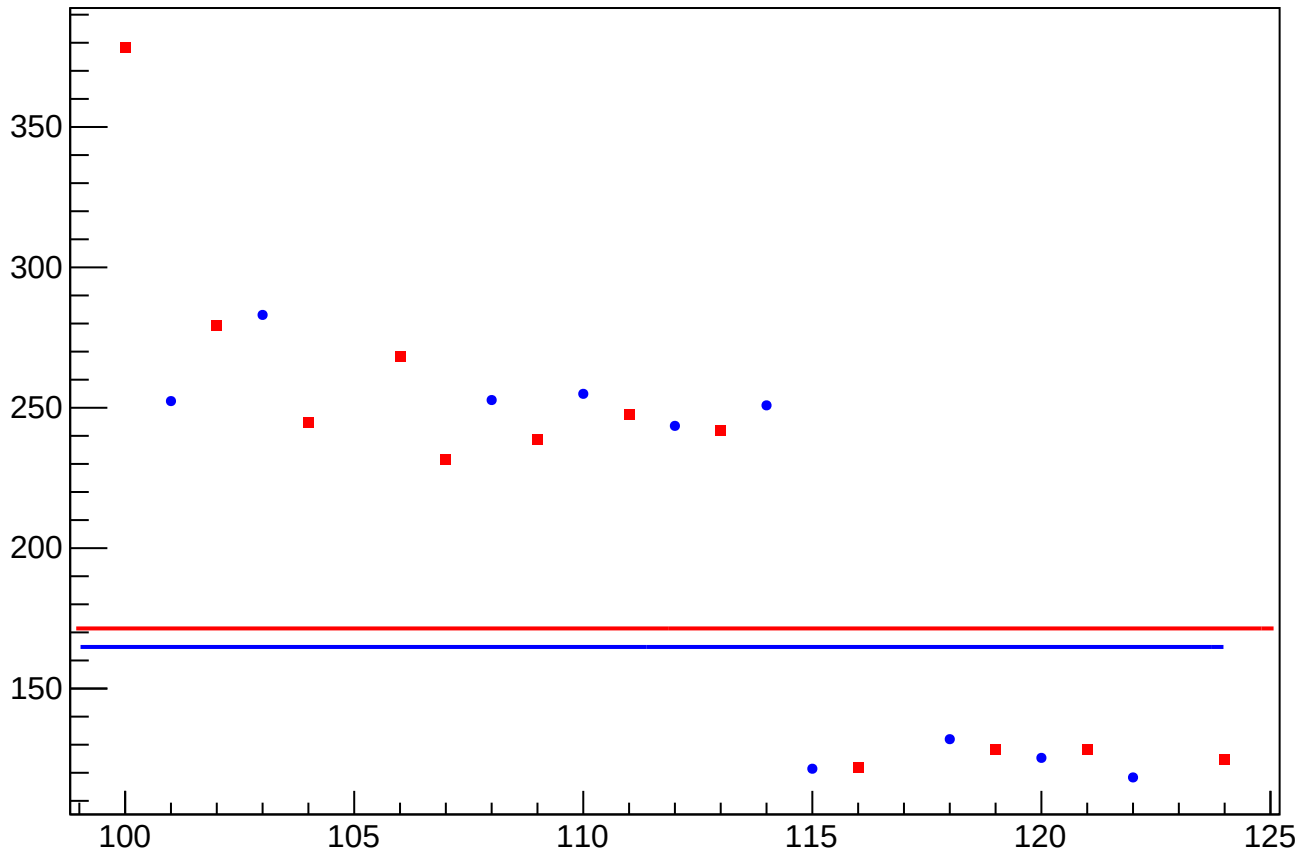
Right: 105.665 $\pm$ 60.855 χ^2 /NDF: 26.7/21

In: 108.048 $\pm$ 87.403 χ^2 /NDF:8.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.665 $\pm$ 60.855 χ^2 /NDF: 26.7/21

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 164.813+/-0.062 χ^2/NDF : 979776.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.409+/-0.060 χ^2/NDF : 1033188.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

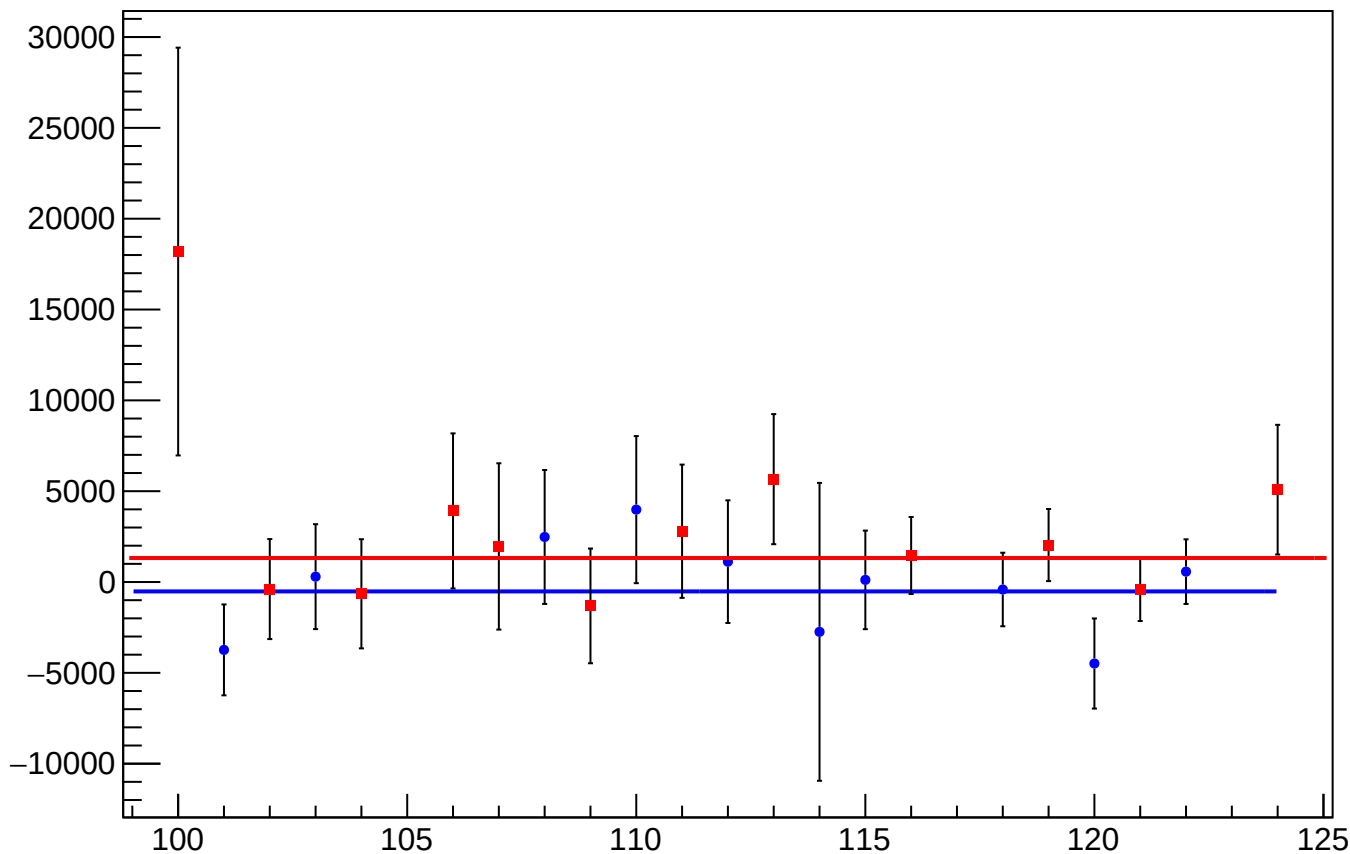
Right: 168.212+/-0.043 χ^2/NDF : 2018834.3/21

In: 164.813+/-0.062 χ^2/NDF : 979776.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.212+/-0.043 χ^2/NDF : 2018834.3/21

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -517.269+/-852.693 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1323.044+/-820.907 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

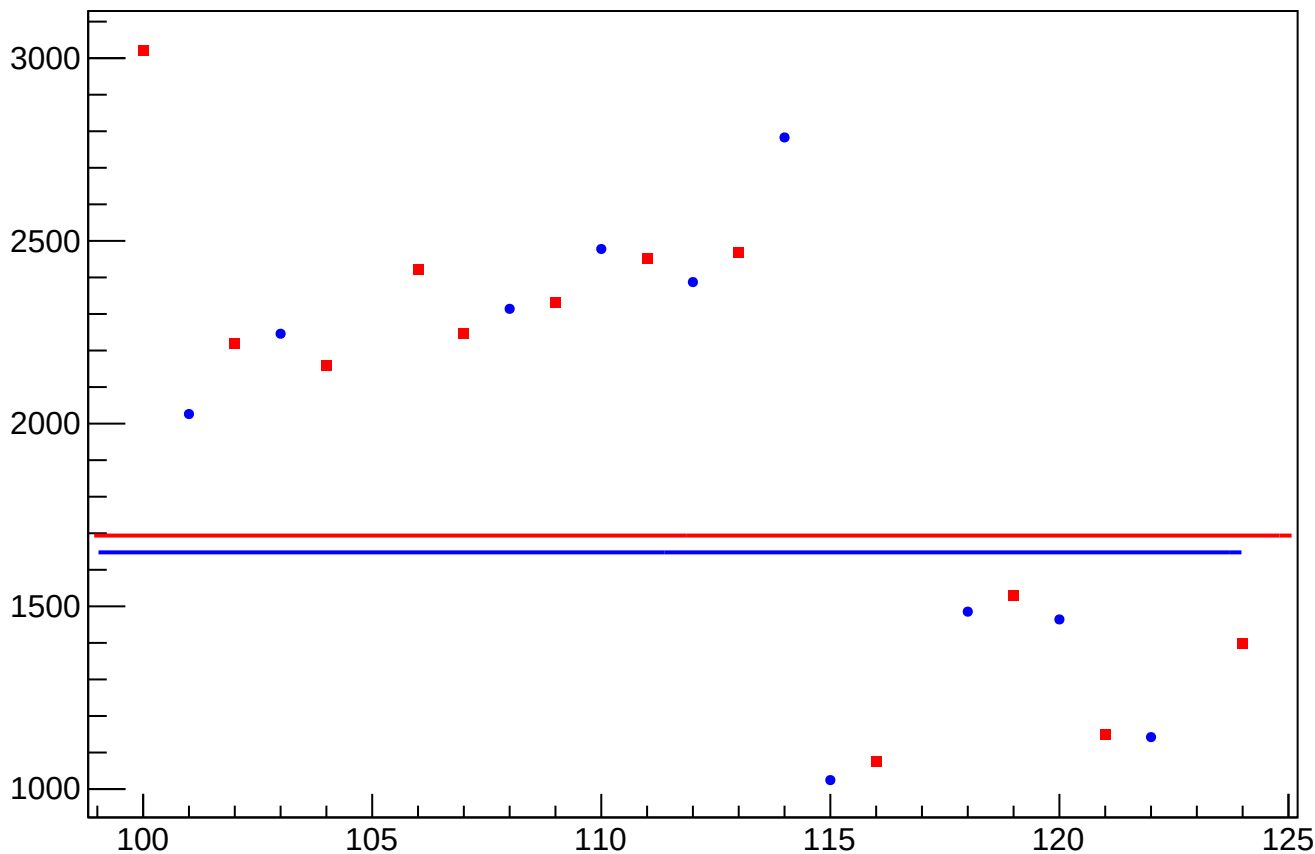
Right: 437.828+/-591.387 χ^2/NDF : 17.3/21

In: -517.269+/-852.693 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 437.828+/-591.387 χ^2/NDF : 17.3/21

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1647.685+/-0.603 χ^2/NDF : 706190.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.687+/-0.580 χ^2/NDF : 885234.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

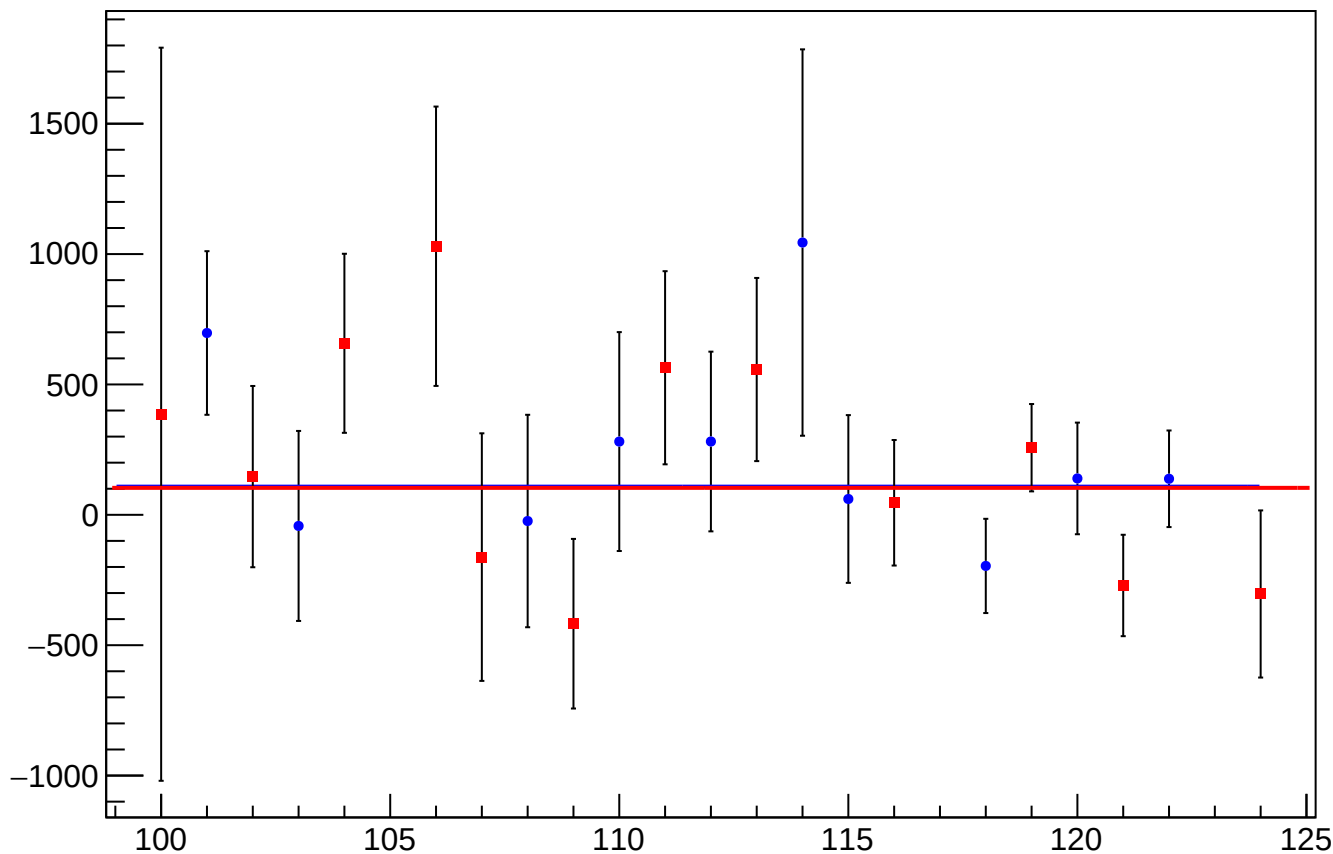
Right: 1671.559+/-0.418 χ^2/NDF : 1594445.3/21

In: 1647.685+/-0.603 χ^2/NDF : 706190.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1671.559+/-0.418 χ^2/NDF : 1594445.3/21

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 108.051+/-87.403 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.420+/-84.781 χ^2/NDF : 18.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

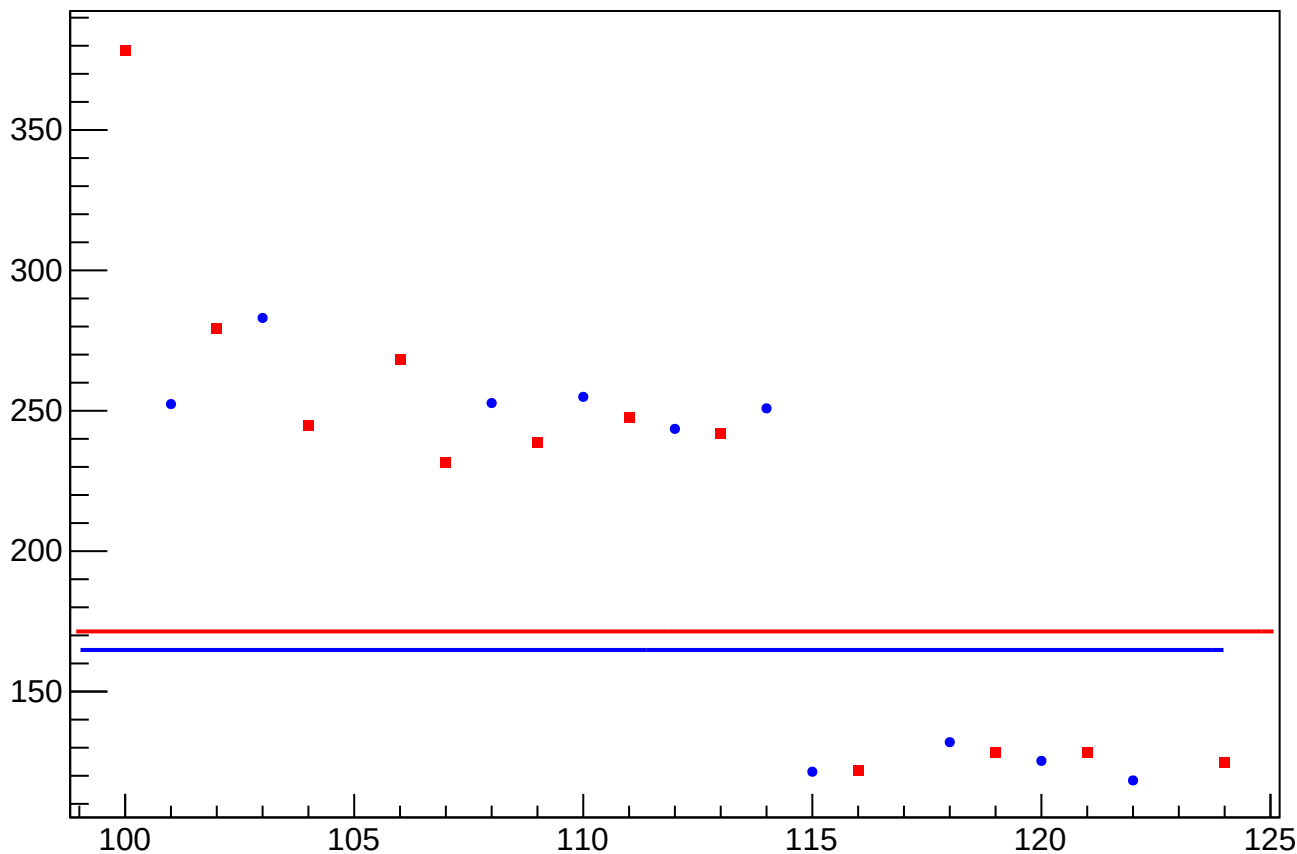
Right: 105.665+/-60.855 χ^2/NDF : 26.7/21

In: 108.051+/-87.403 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.665+/-60.855 χ^2/NDF : 26.7/21

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 164.813+/-0.062 χ^2/NDF : 979758.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.409+/-0.060 χ^2/NDF : 1033163.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

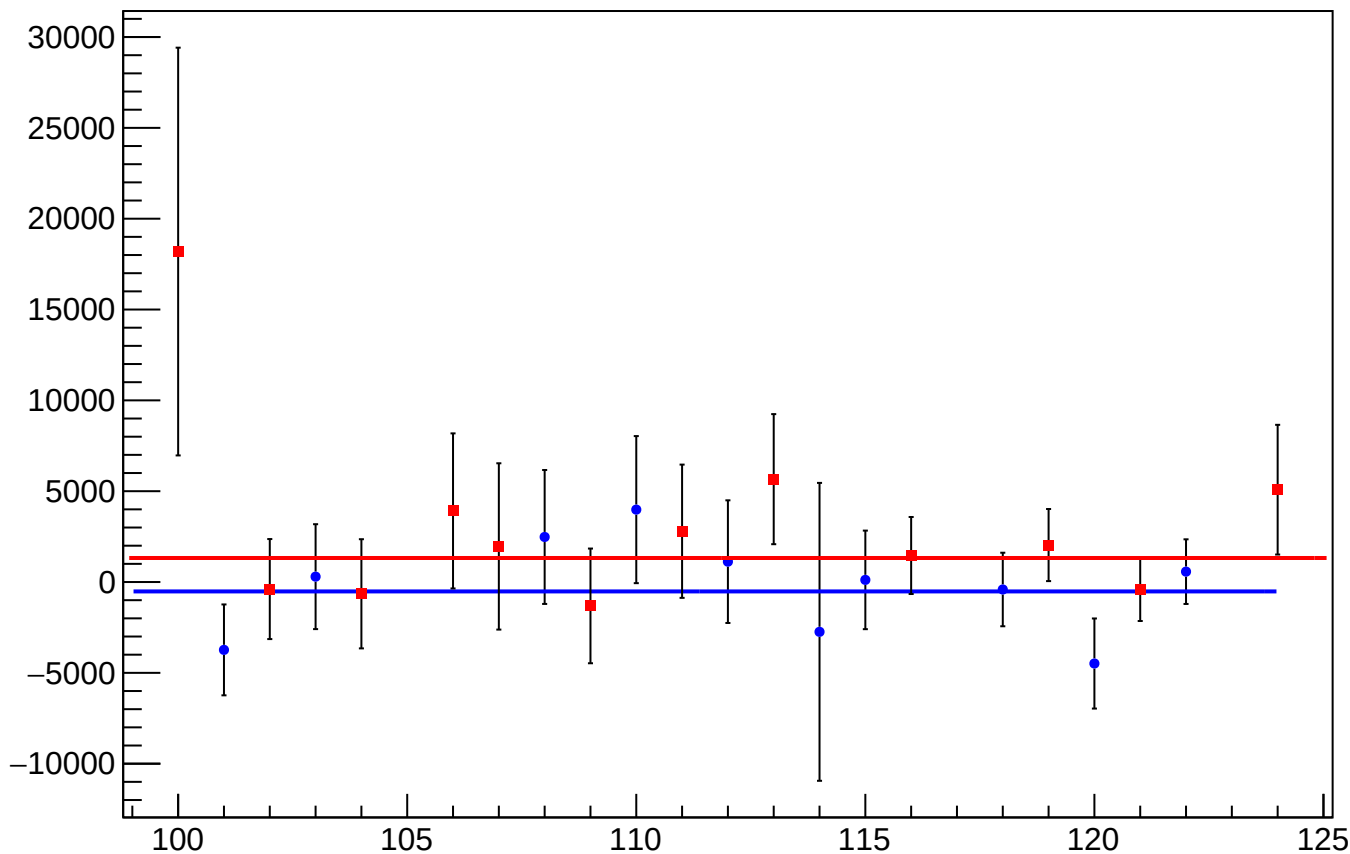
Right: 168.212+/-0.043 χ^2/NDF : 2018791.6/21

In: 164.813+/-0.062 χ^2/NDF : 979758.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.212+/-0.043 χ^2/NDF : 2018791.6/21

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -517.268+/-852.692 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.043+/-820.905 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

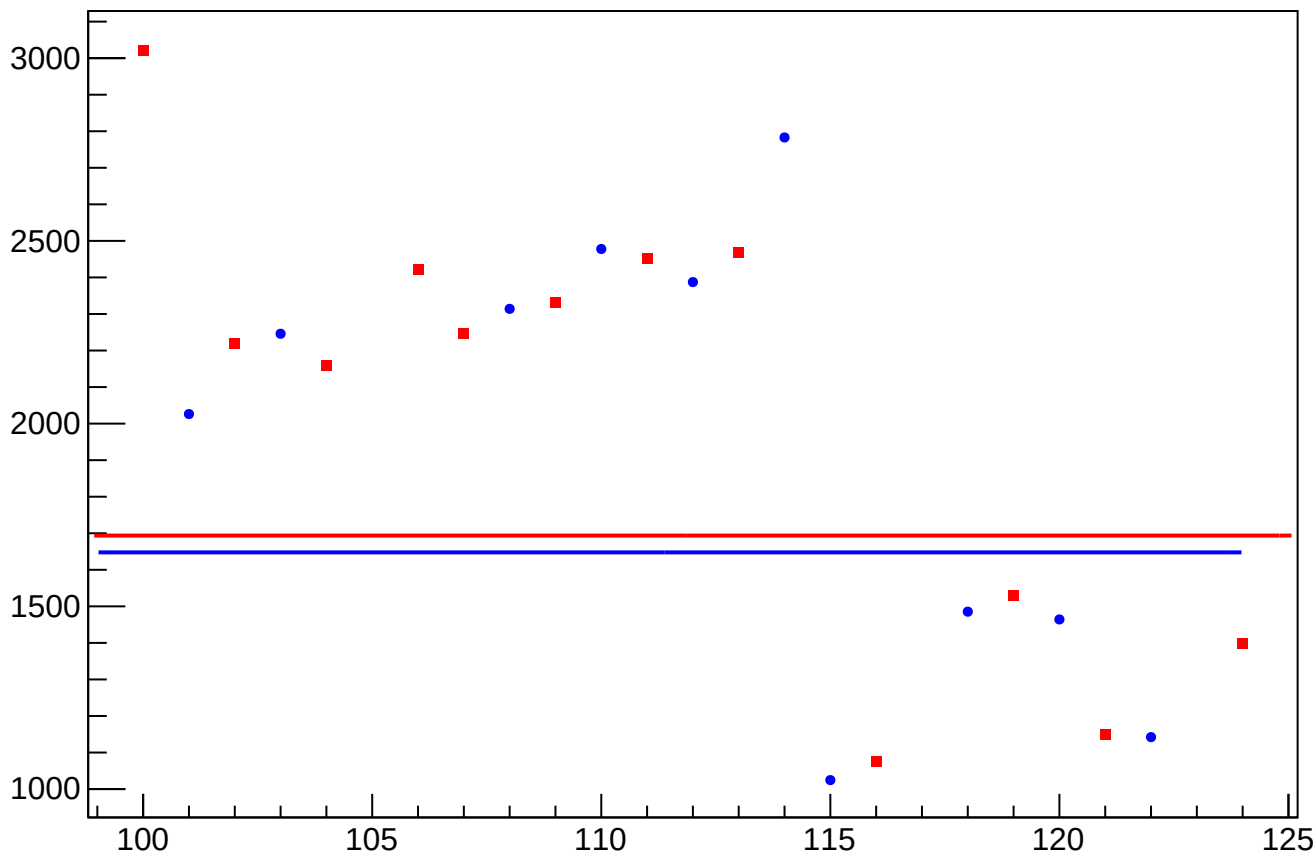
Right: 437.828+/-591.386 χ^2/NDF : 17.3/21

In: -517.268+/-852.692 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.828+/-591.386 χ^2/NDF : 17.3/21

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1647.683+/-0.603 χ^2/NDF : 706179.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.685+/-0.580 χ^2/NDF : 885223.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

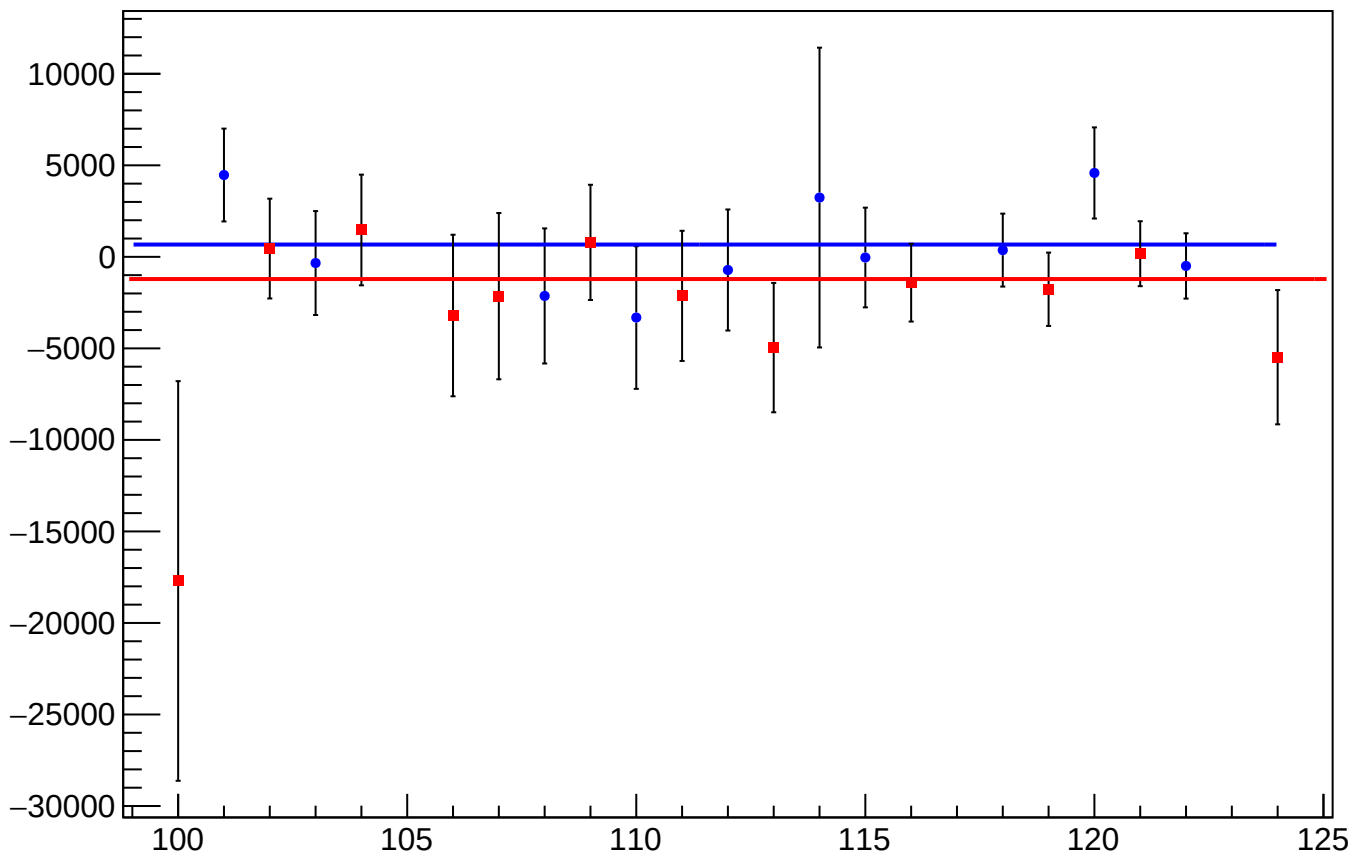
Right: 1671.558+/-0.418 χ^2/NDF : 1594424.3/21

In: 1647.683+/-0.603 χ^2/NDF : 706179.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1671.558+/-0.418 χ^2/NDF : 1594424.3/21

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 671.906+/-848.985 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1212.587+/-823.342 χ^2/NDF : 7.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

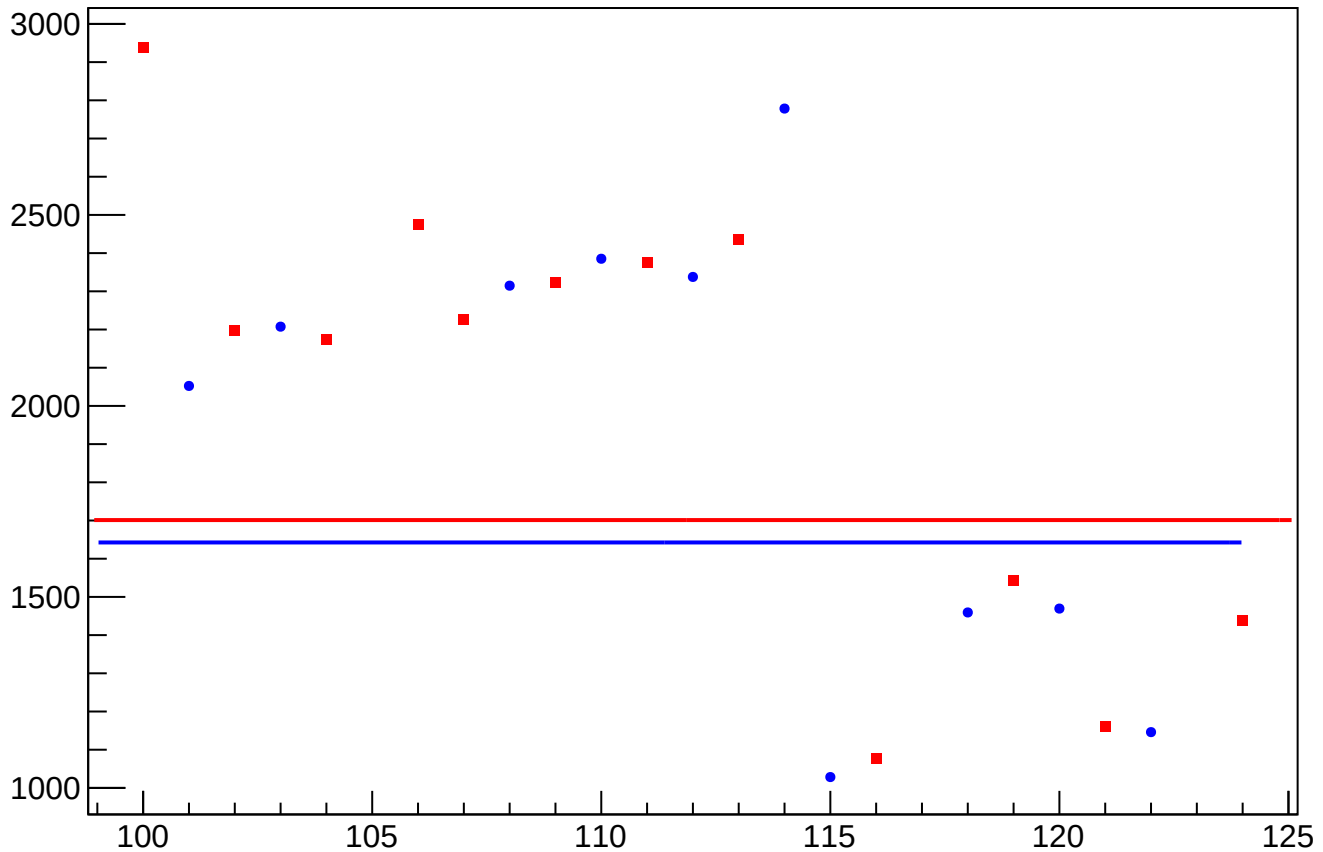
Right: -299.230+/-591.049 χ^2/NDF : 17.1/21

In: 671.906+/-848.985 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -299.230+/-591.049 χ^2/NDF : 17.1/21

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1642.552+/-0.600 χ^2/NDF : 680437.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1701.163+/-0.582 χ^2/NDF : 845507.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

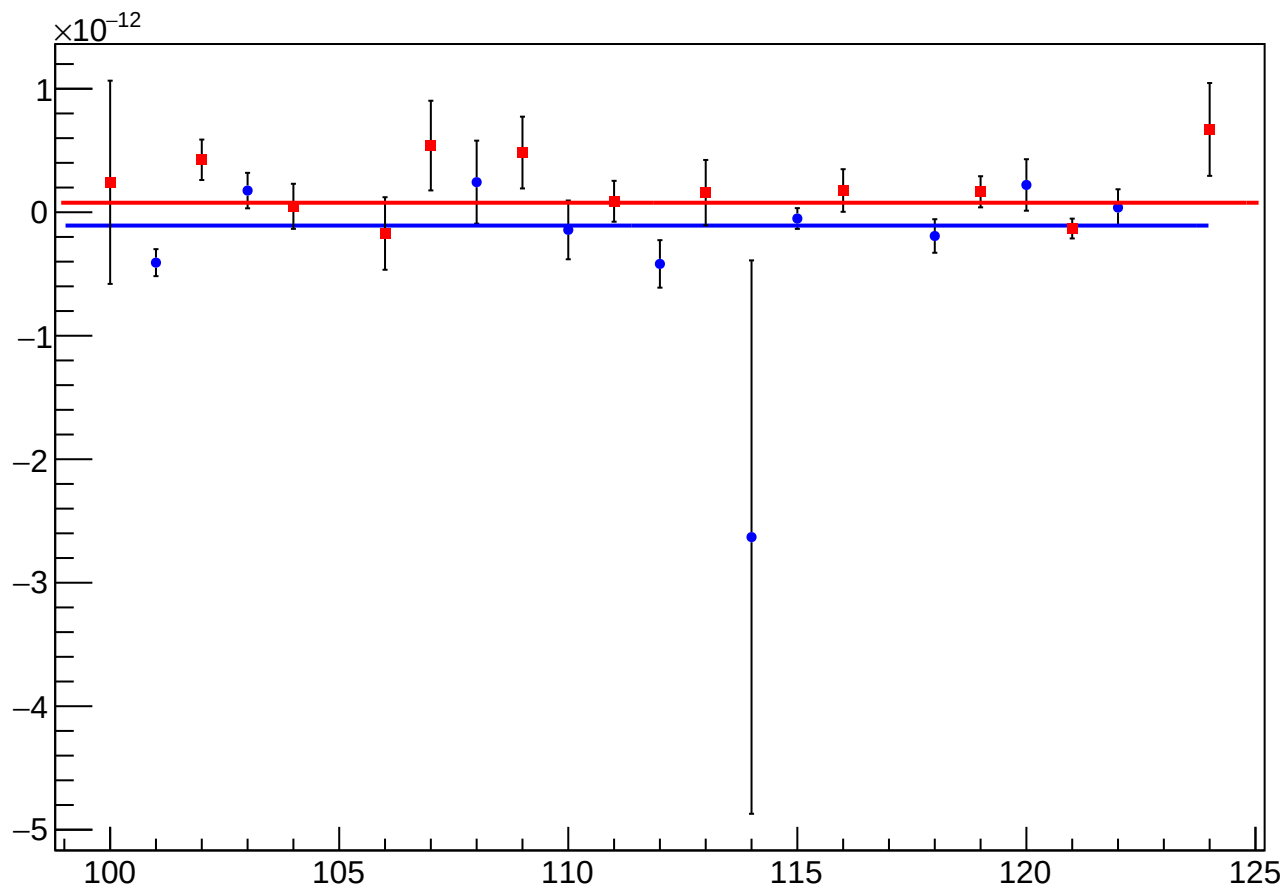
Right: 1672.756+/-0.418 χ^2/NDF : 1530857.6/21

In: 1642.552+/-0.600 χ^2/NDF : 680437.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.756+/-0.418 χ^2/NDF : 1530857.6/21

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 20.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

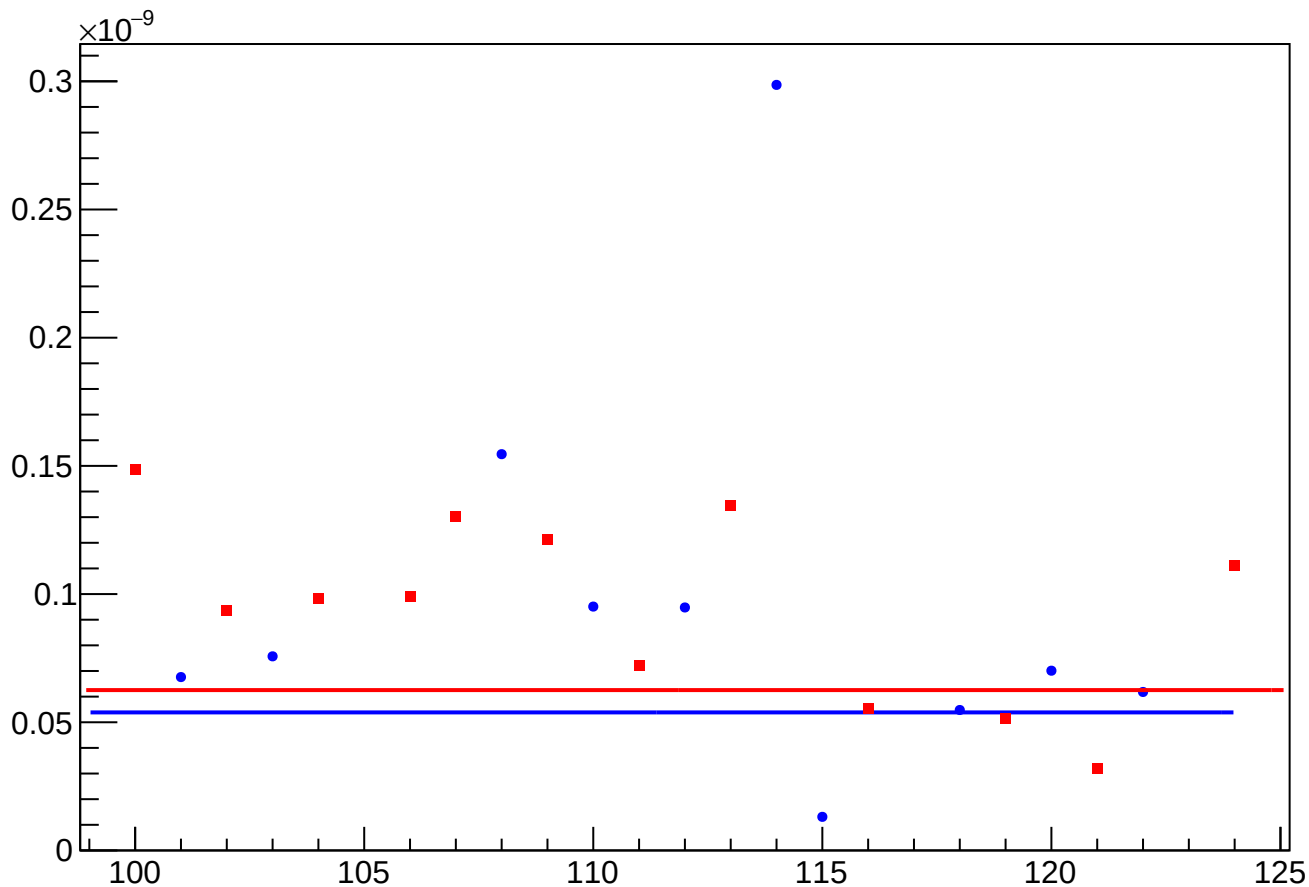
Right: -0.000+/-0.000 χ^2/NDF : 47.2/21

In: -0.000+/-0.000 χ^2/NDF : 20.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 47.2/21

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 921563.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 851774.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

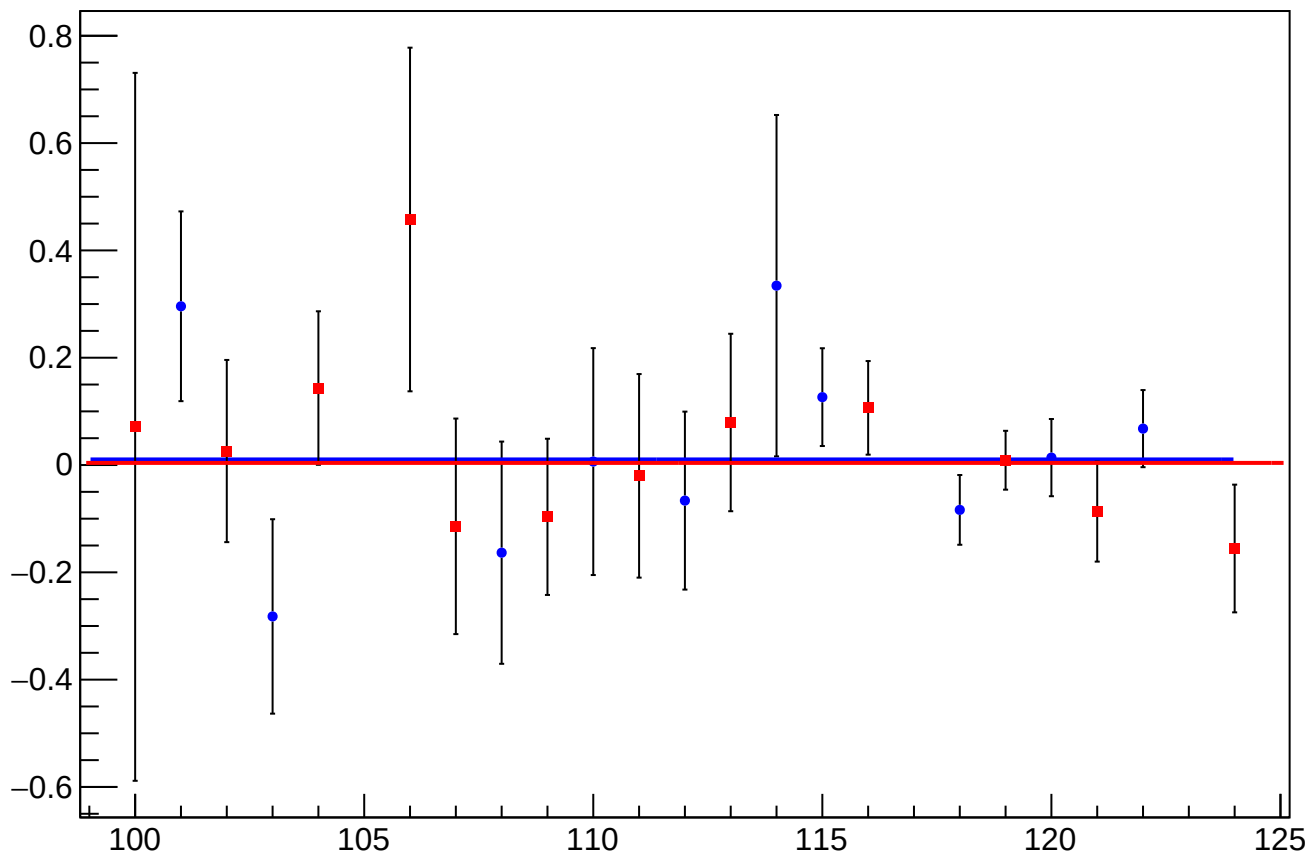
Right: 0.000+/-0.000 χ^2/NDF : 1805854.4/21

In: 0.000+/-0.000 χ^2/NDF : 921563.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1805854.4/21

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.034 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

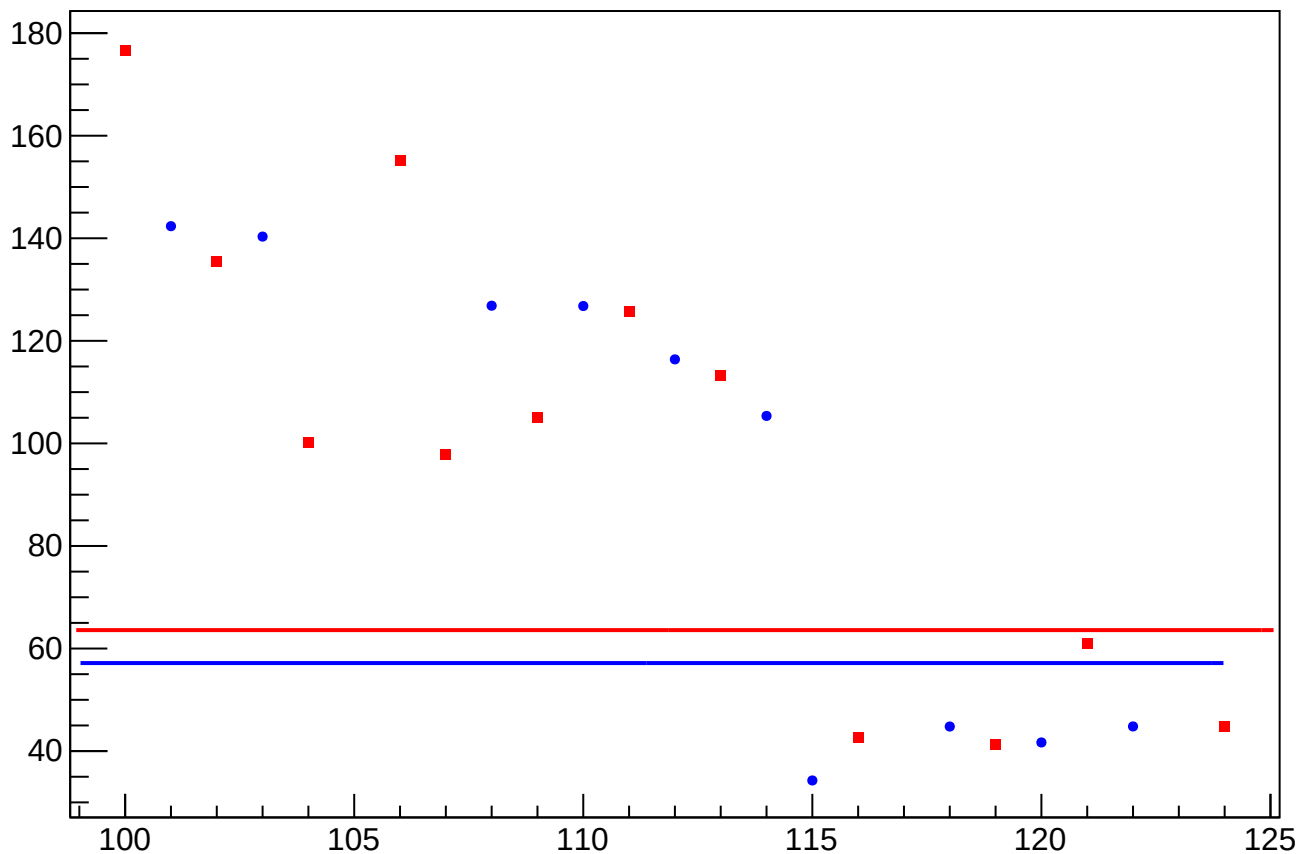
Right: 0.007+/-0.024 χ^2/NDF : 19.7/21

In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.024 χ^2/NDF : 19.7/21

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.166+/-0.024 χ^2/NDF : 1980140.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.593+/-0.024 χ^2/NDF : 1823859.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

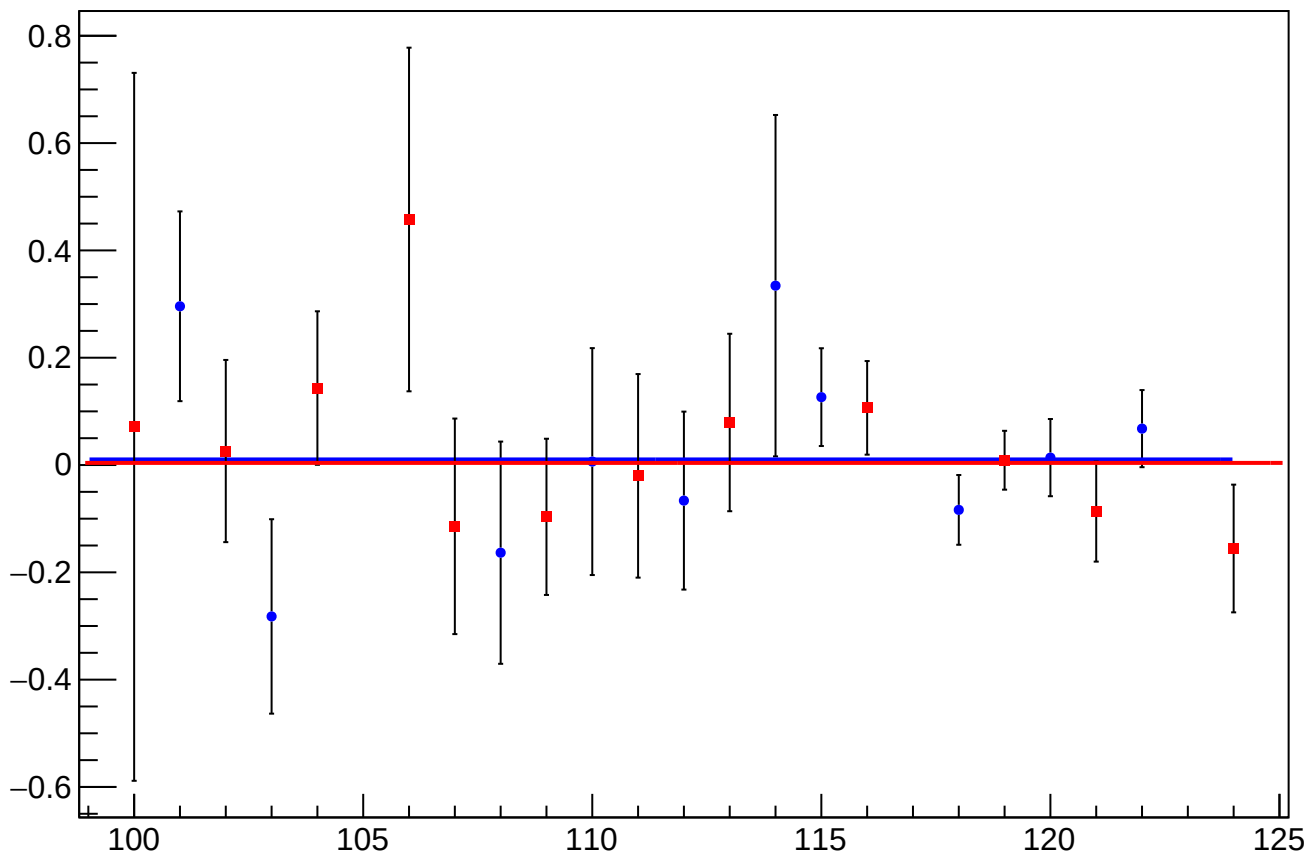
Right: 60.349+/-0.017 χ^2/NDF : 3840751.9/21

In: 57.166+/-0.024 χ^2/NDF : 1980140.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.349+/-0.017 χ^2/NDF : 3840751.9/21

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.034 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

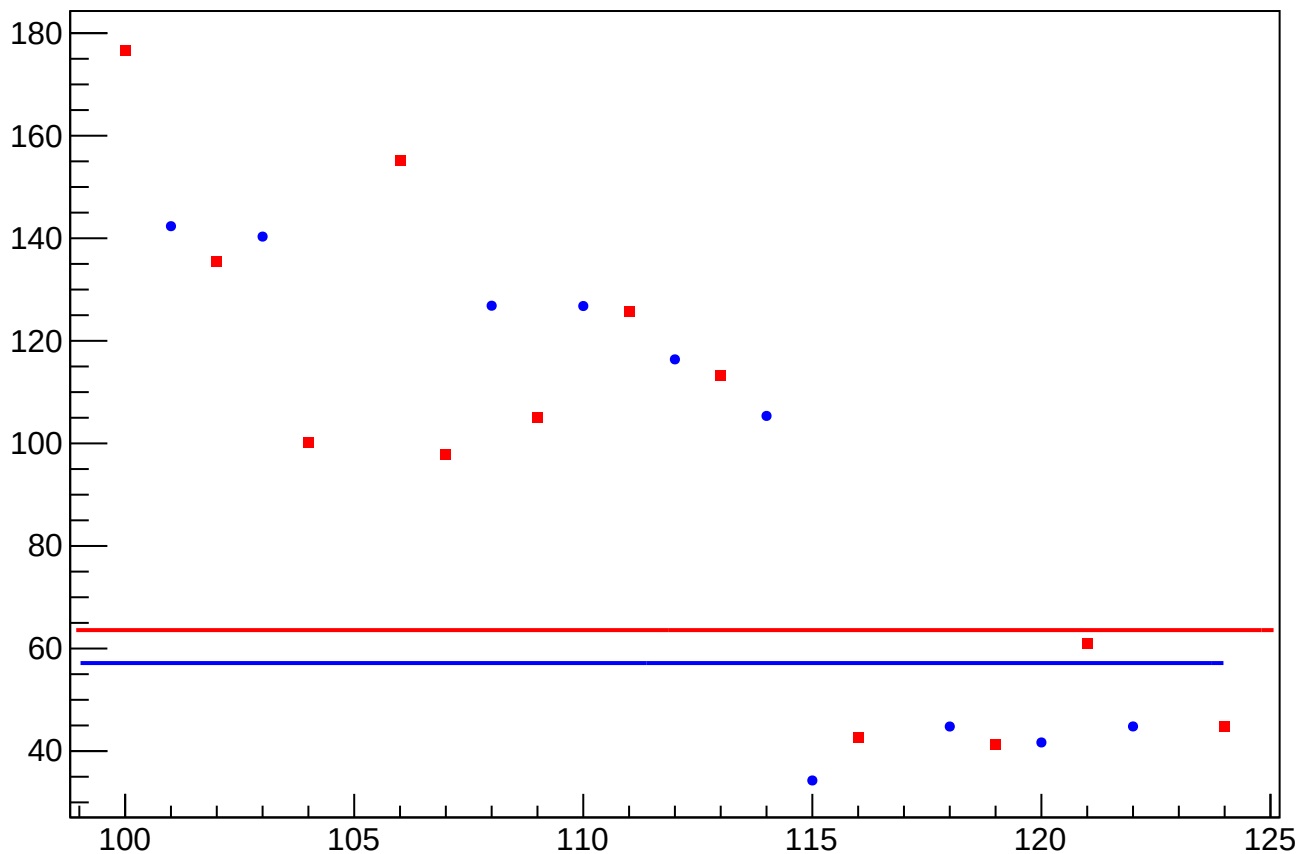
Right: 0.007+/-0.024 χ^2/NDF : 19.7/21

In: 0.010+/-0.033 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.024 χ^2/NDF : 19.7/21

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.166+/-0.024 χ^2/NDF : 1980140.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.593+/-0.024 χ^2/NDF : 1823859.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

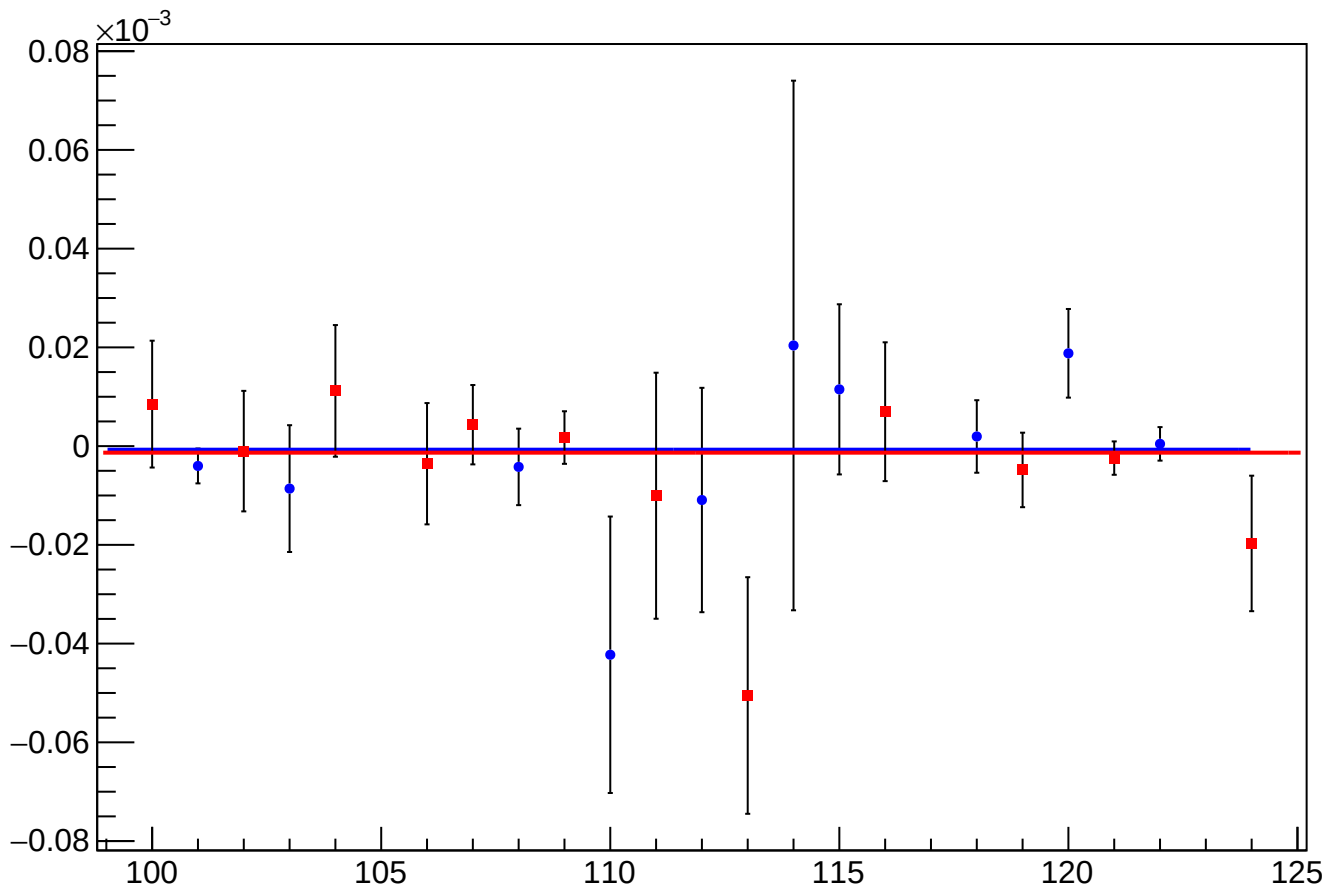
Right: 60.349+/-0.017 χ^2/NDF : 3840751.9/21

In: 57.166+/-0.024 χ^2/NDF : 1980140.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.349+/-0.017 χ^2/NDF : 3840751.9/21

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

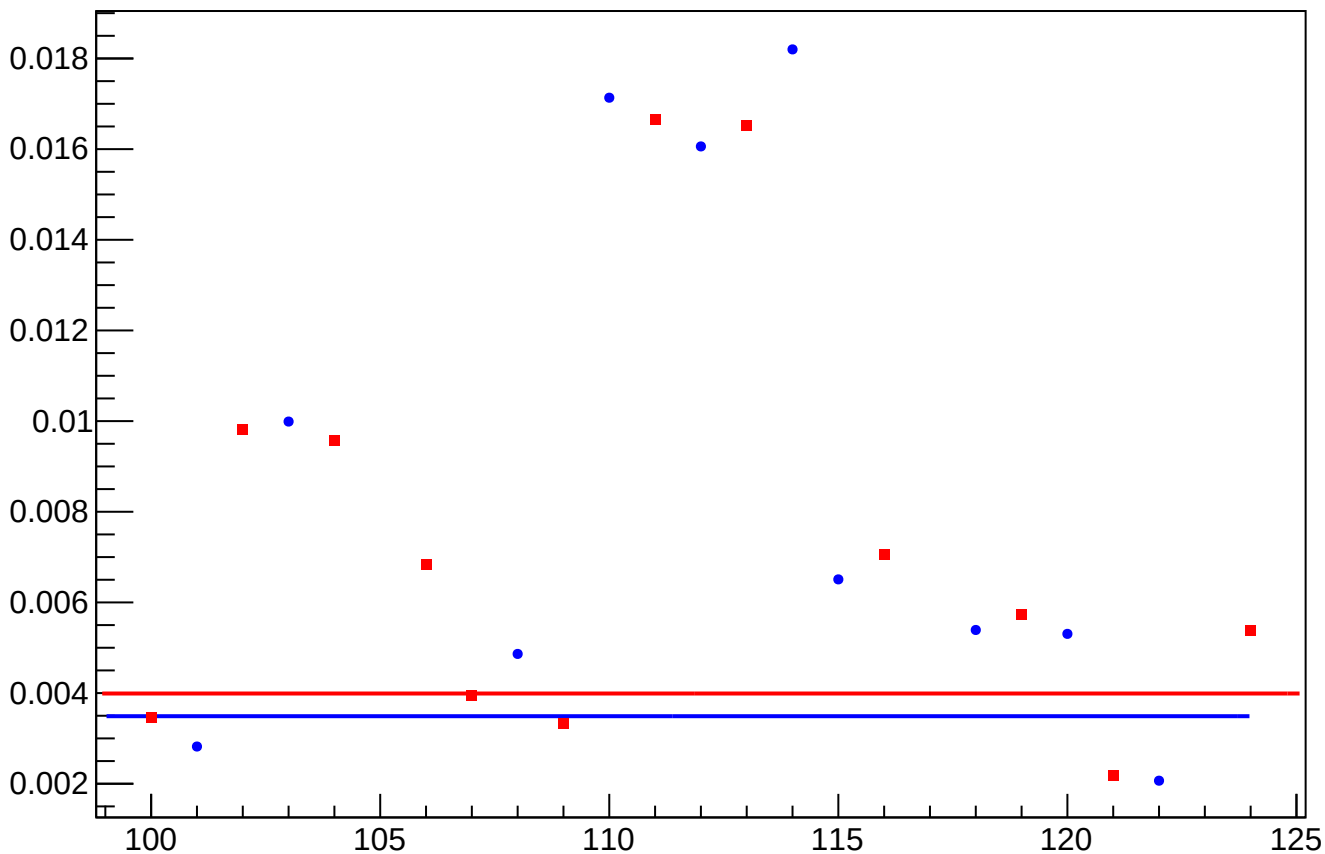
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.7/21

In: -0.000 $\pm$ 0.000 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.7/21

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2513095.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2804455.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

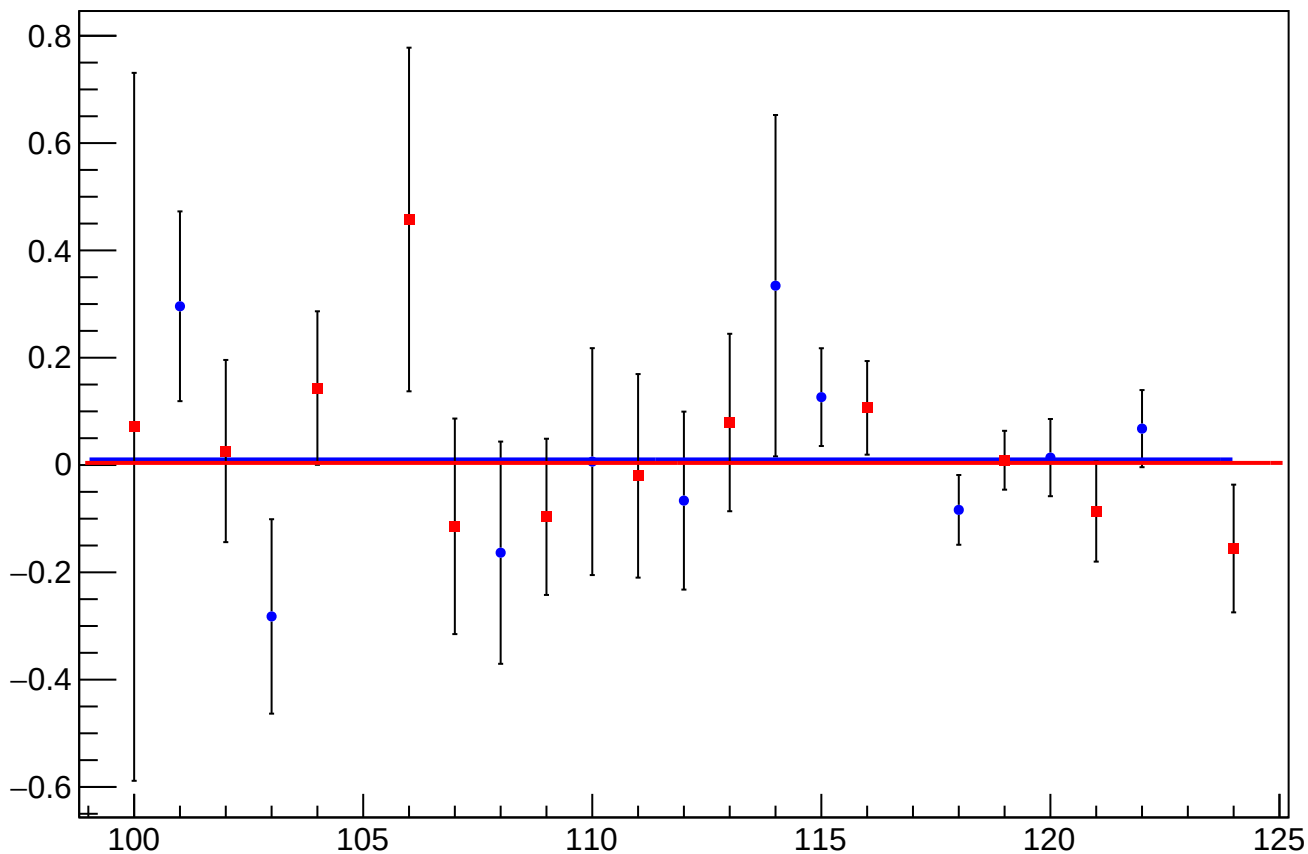
Right: 0.004+/-0.000 χ^2/NDF : 5370119.7/21

In: 0.003+/-0.000 χ^2/NDF :2513095.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 5370119.7/21

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.034 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

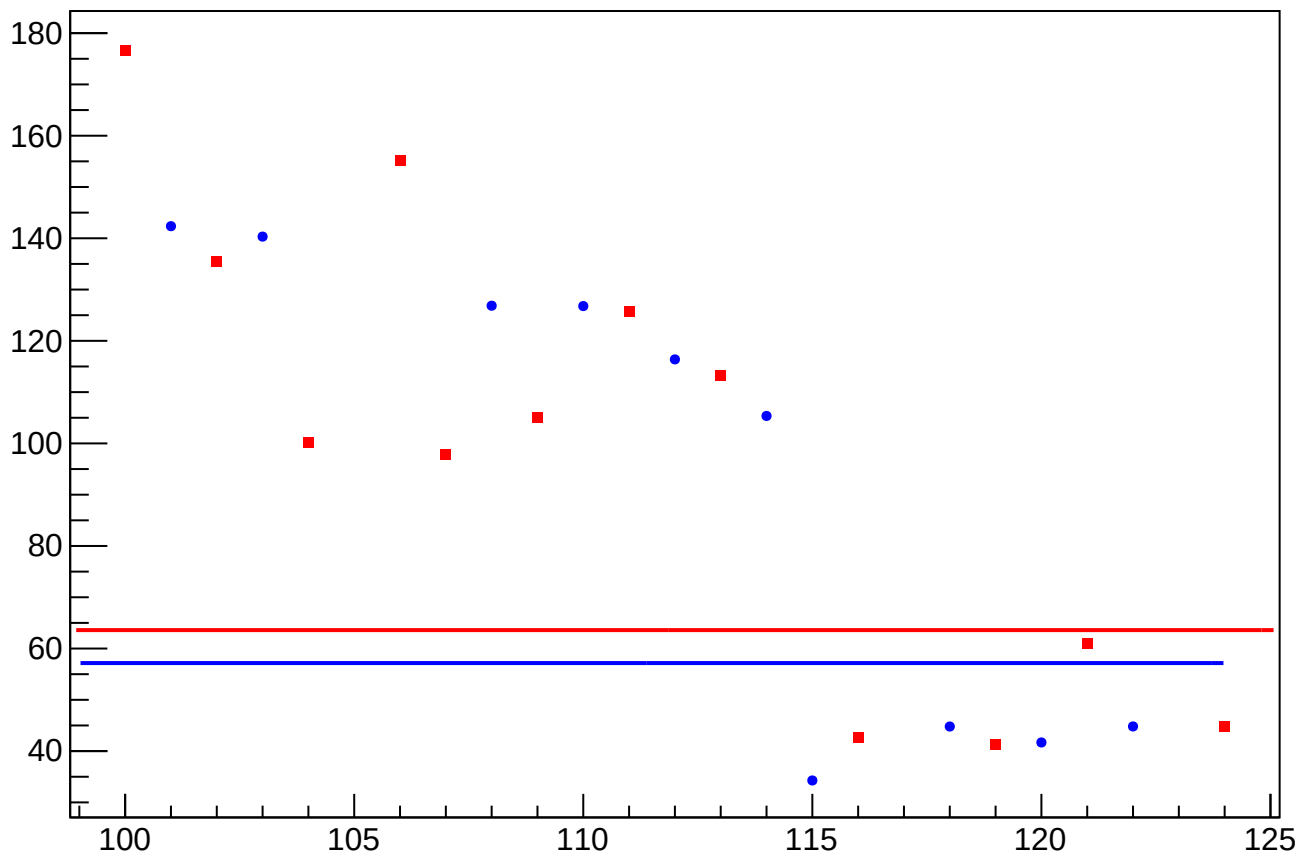
Right: 0.007+/-0.024 χ^2/NDF : 19.7/21

In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.024 χ^2/NDF : 19.7/21

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.167+/-0.024 χ^2/NDF : 1980033.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.594+/-0.024 χ^2/NDF : 1823752.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

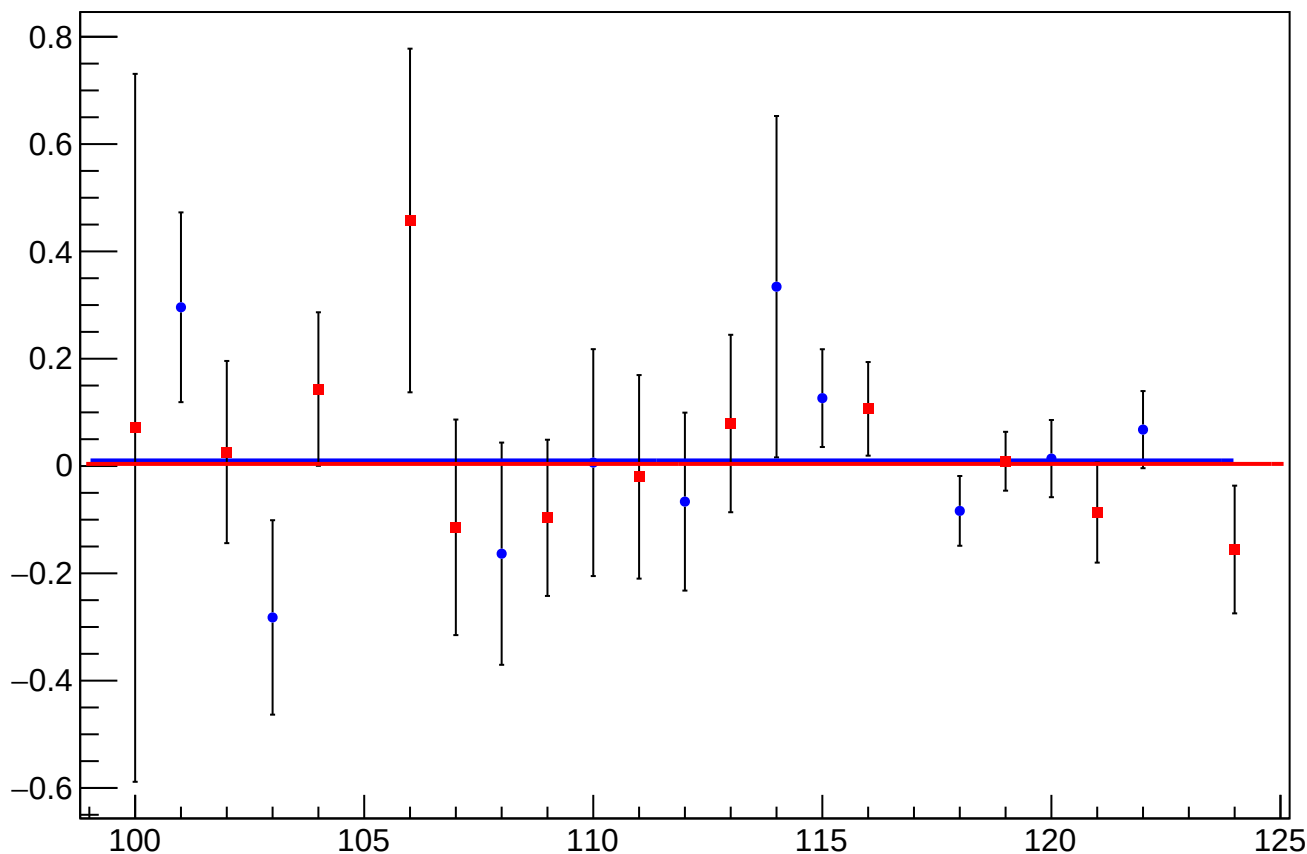
Right: 60.350+/-0.017 χ^2/NDF : 3840530.6/21

In: 57.167+/-0.024 χ^2/NDF : 1980033.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.350+/-0.017 χ^2/NDF : 3840530.6/21

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.034 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

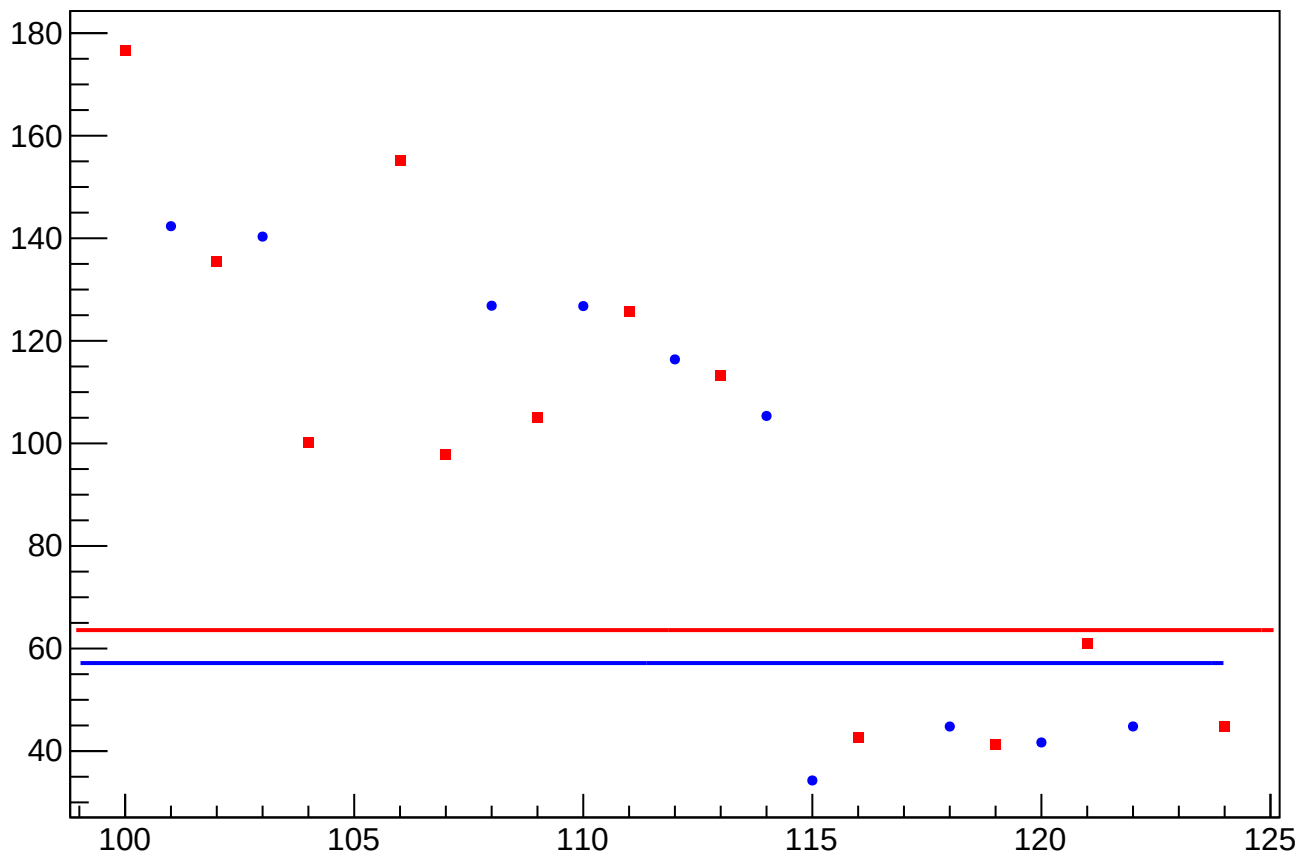
Right: 0.007+/-0.024 χ^2/NDF : 19.7/21

In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.024 χ^2/NDF : 19.7/21

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.167+/-0.024 χ^2/NDF : 1980033.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.594+/-0.024 χ^2/NDF : 1823752.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

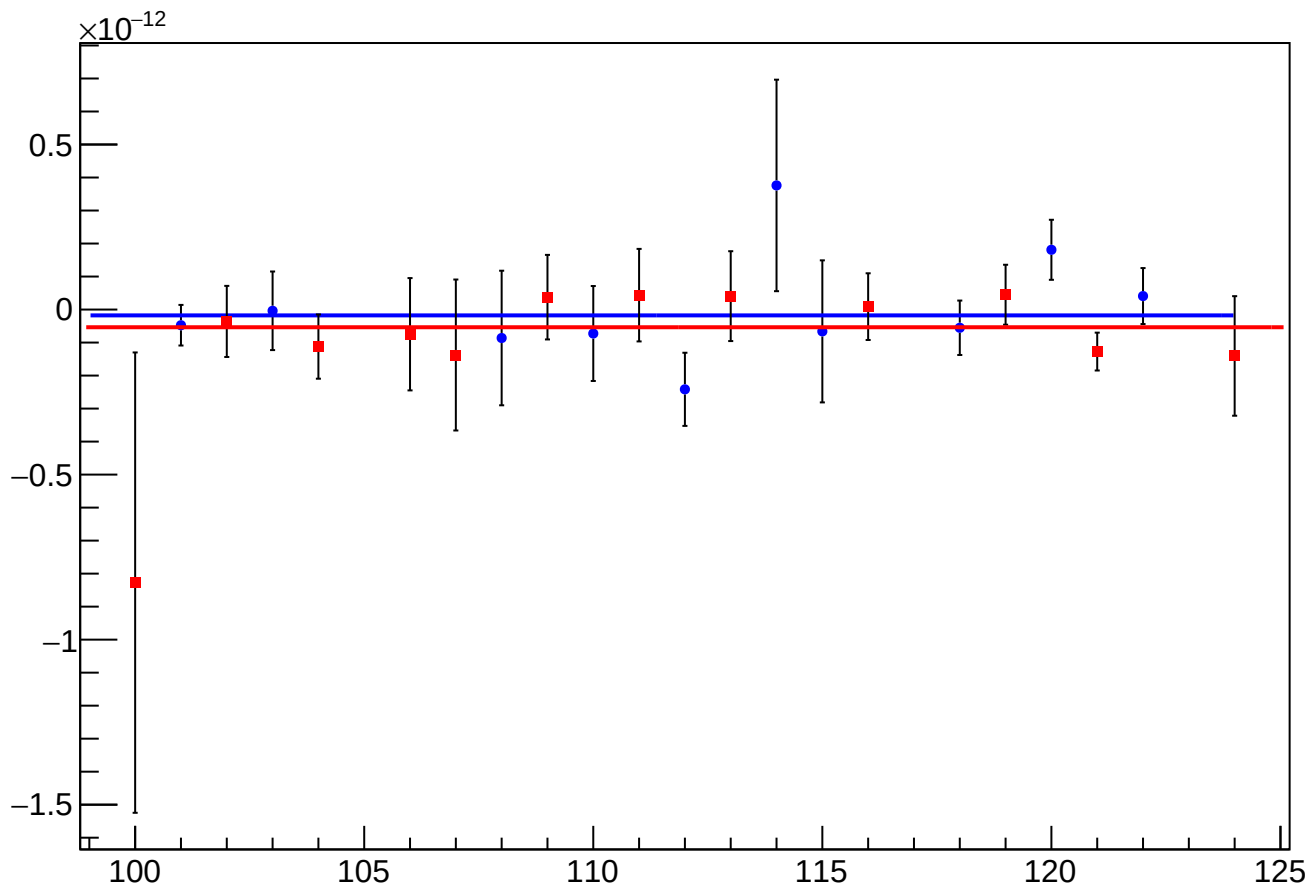
Right: 60.350+/-0.017 χ^2/NDF : 3840530.6/21

In: 57.167+/-0.024 χ^2/NDF : 1980033.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.350+/-0.017 χ^2/NDF : 3840530.6/21

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

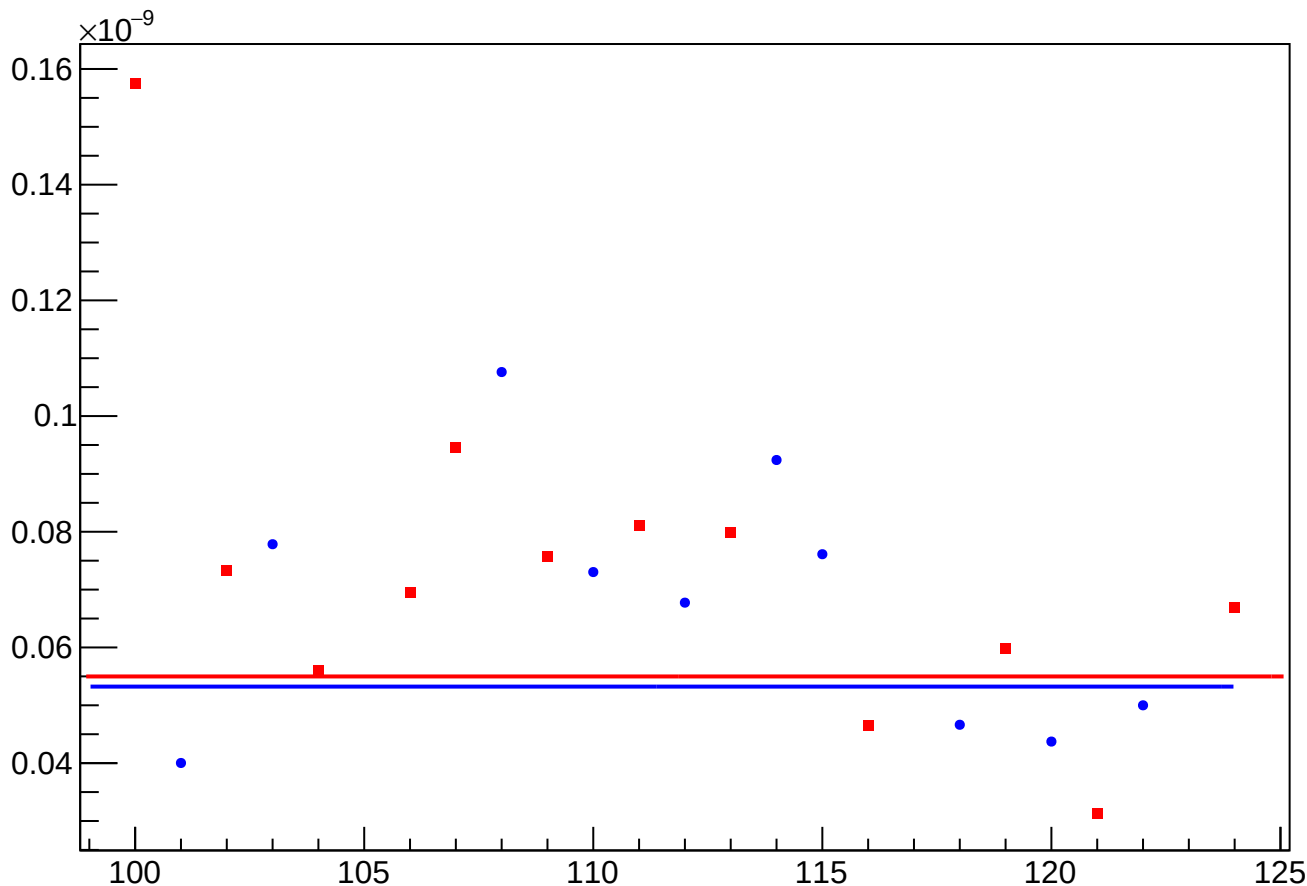
Right: -0.000+/-0.000 χ^2 /NDF: 18.9/21

In: -0.000+/-0.000 χ^2 /NDF:11.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.9/21

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 482291.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 734025.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

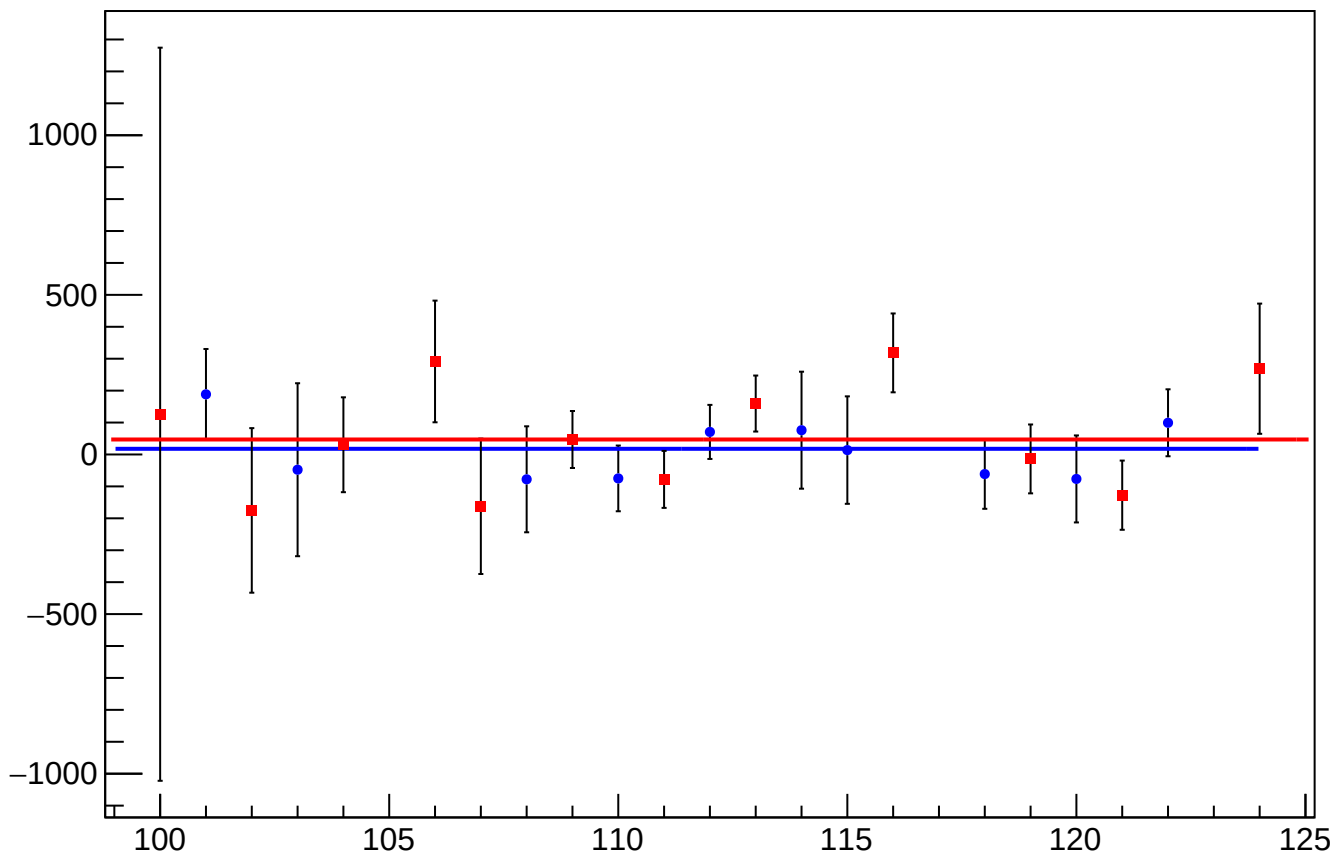
Right: 0.000+/-0.000 χ^2/NDF : 1219228.6/21

In: 0.000+/-0.000 χ^2/NDF : 482291.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1219228.6/21

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 17.745+/-39.918 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.950+/-36.452 χ^2/NDF : 15.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

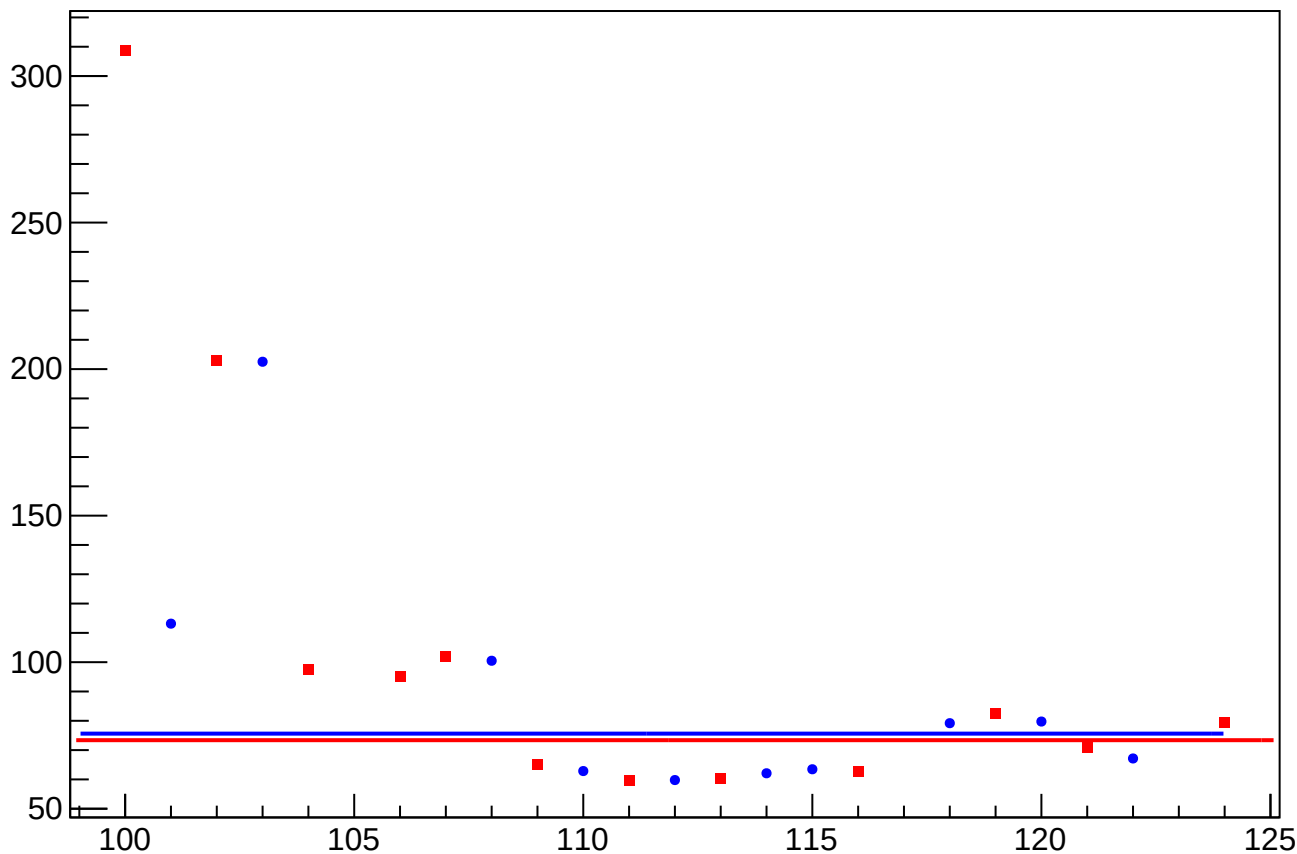
Right: 33.670+/-26.918 χ^2/NDF : 20.9/21

In: 17.745+/-39.918 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.670+/-26.918 χ^2/NDF : 20.9/21

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.622+/-0.028 χ^2/NDF : 762500.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.384+/-0.026 χ^2/NDF : 843151.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

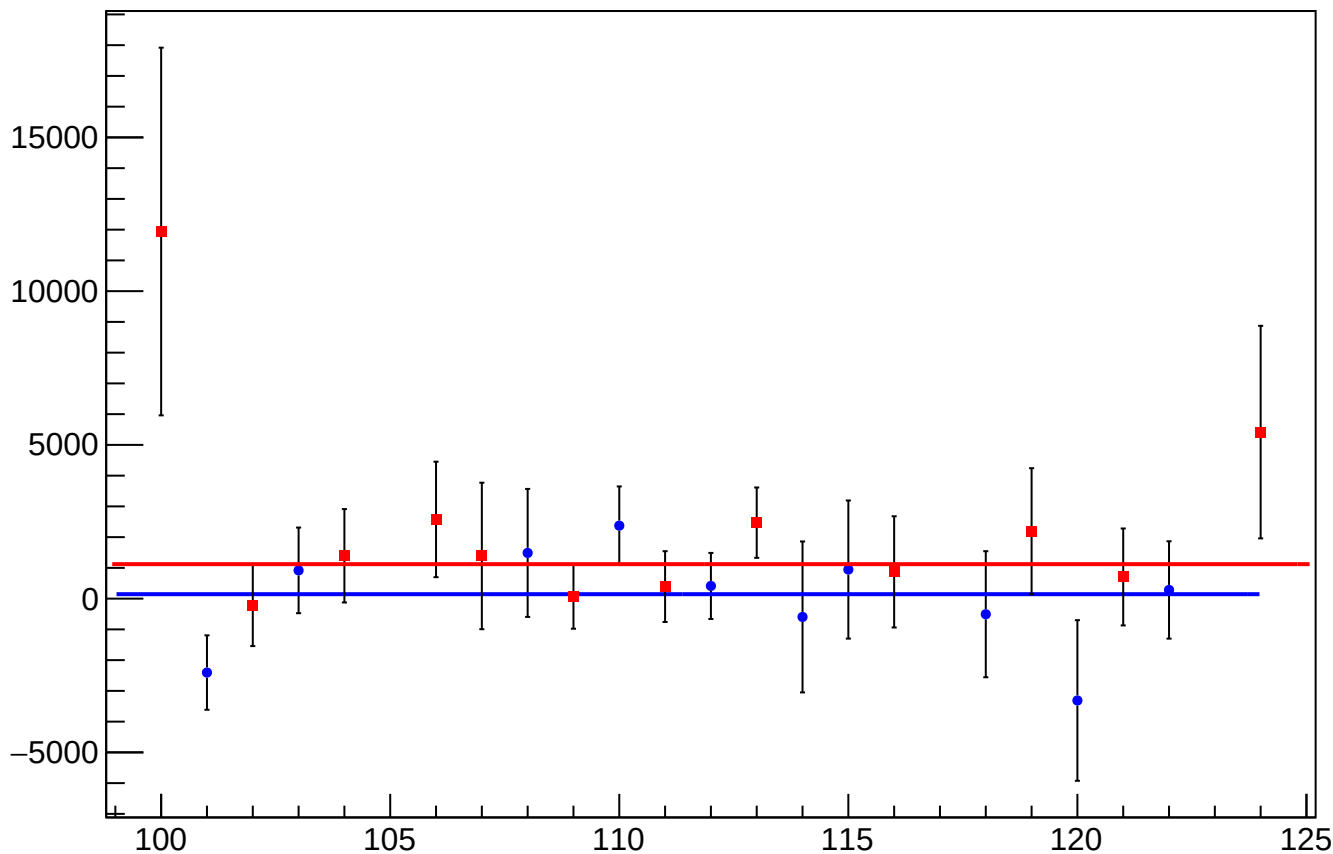
Right: 74.402+/-0.019 χ^2/NDF : 1609079.0/21

In: 75.622+/-0.028 χ^2/NDF : 762500.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.402+/-0.019 χ^2/NDF : 1609079.0/21

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 144.894+/-496.416 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1121.181+/-449.120 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

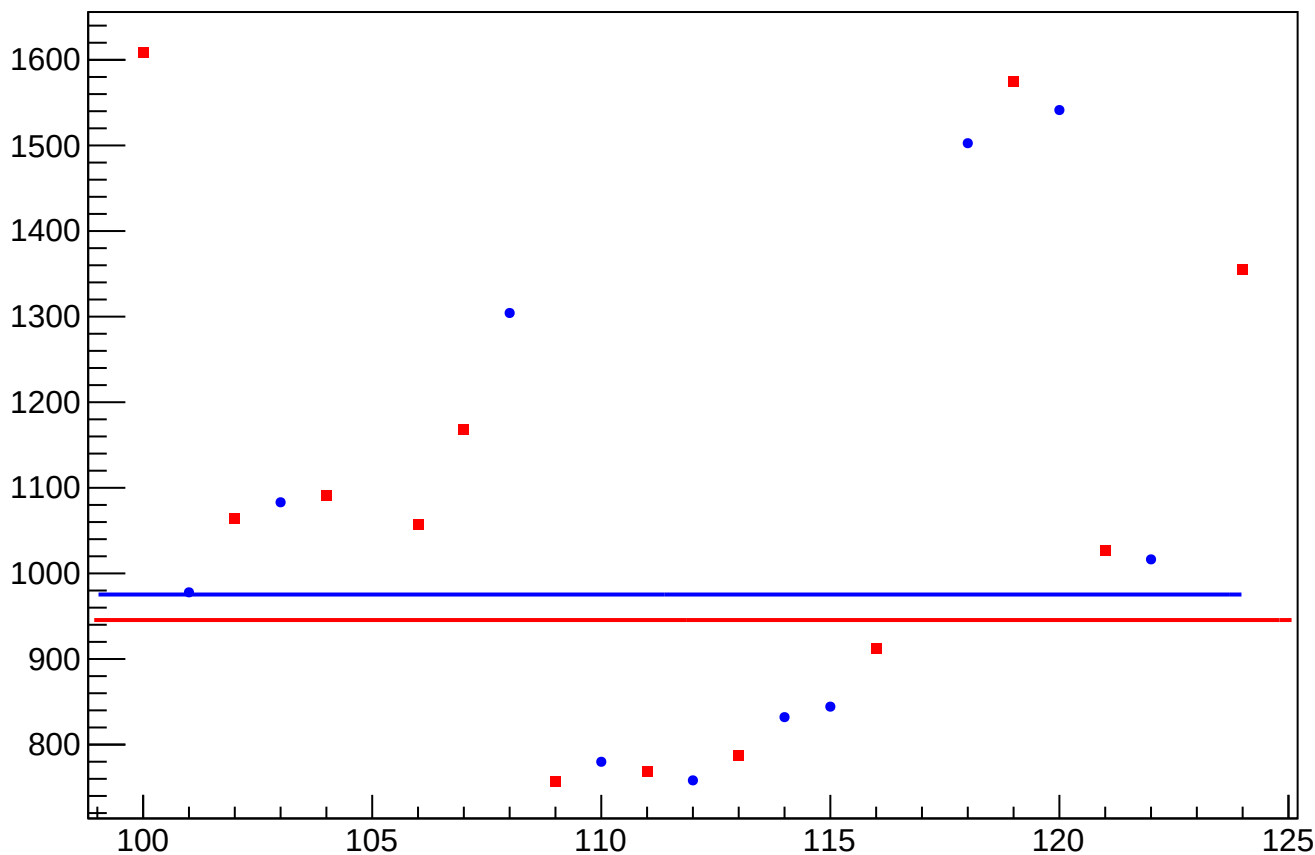
Right: 681.750+/-333.044 χ^2/NDF : 22.1/21

In: 144.894+/-496.416 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 681.750+/-333.044 χ^2/NDF : 22.1/21

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 975.342+/-0.351 χ^2/NDF : 431731.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 945.524+/-0.318 χ^2/NDF : 456695.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

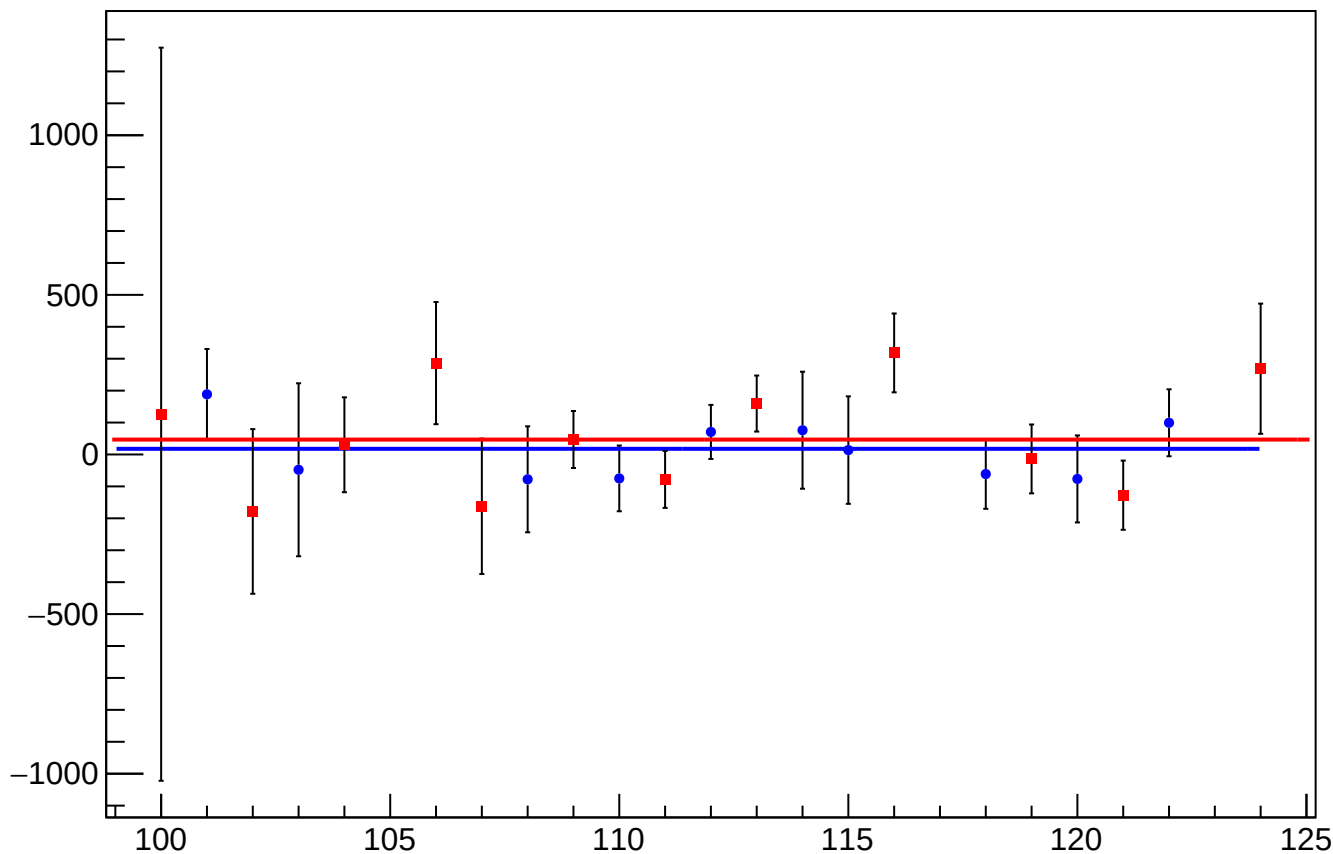
Right: 958.945+/-0.235 χ^2/NDF : 892395.4/21

In: 975.342+/-0.351 χ^2/NDF : 431731.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.945+/-0.235 χ^2/NDF : 892395.4/21

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 17.734+/-39.918 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.621+/-36.458 χ^2/NDF : 15.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

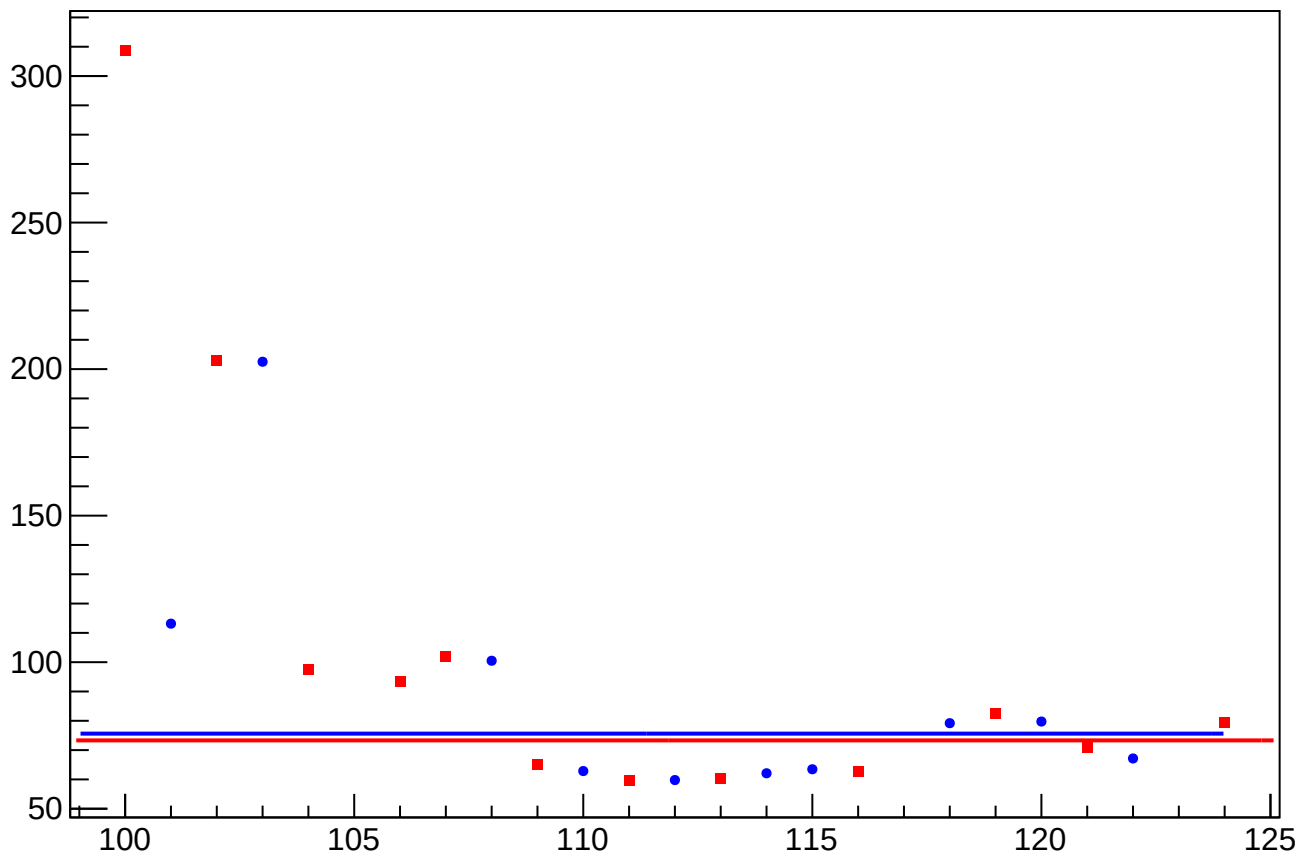
Right: 33.483+/-26.920 χ^2/NDF : 20.9/21

In: 17.734+/-39.918 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.483+/-26.920 χ^2/NDF : 20.9/21

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.622+/-0.028 χ^2/NDF : 762502.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.315+/-0.026 χ^2/NDF : 839274.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

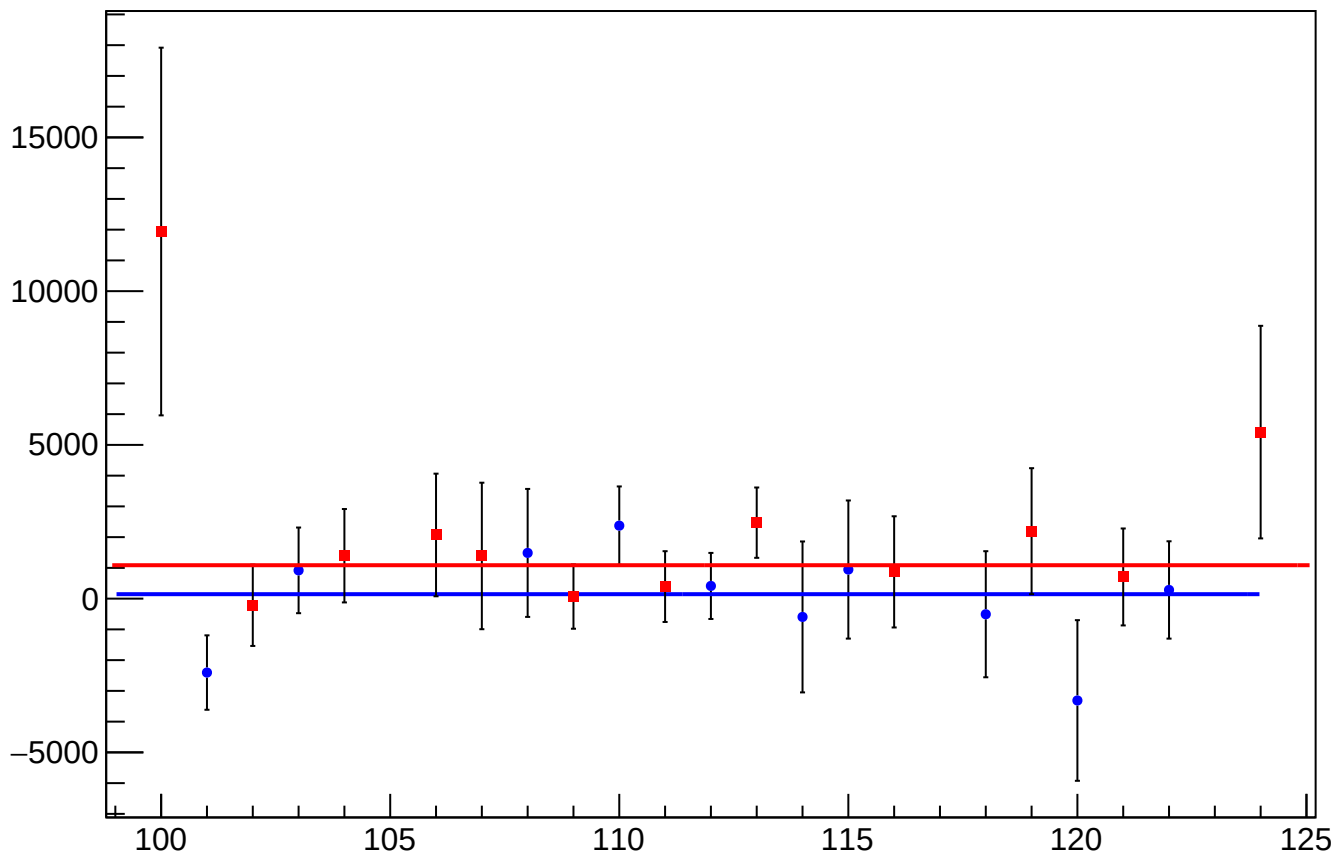
Right: 74.364+/-0.019 χ^2/NDF : 1605417.6/21

In: 75.622+/-0.028 χ^2/NDF : 762502.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.364+/-0.019 χ^2/NDF : 1605417.6/21

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 144.927+/-496.422 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1086.950+/-450.621 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

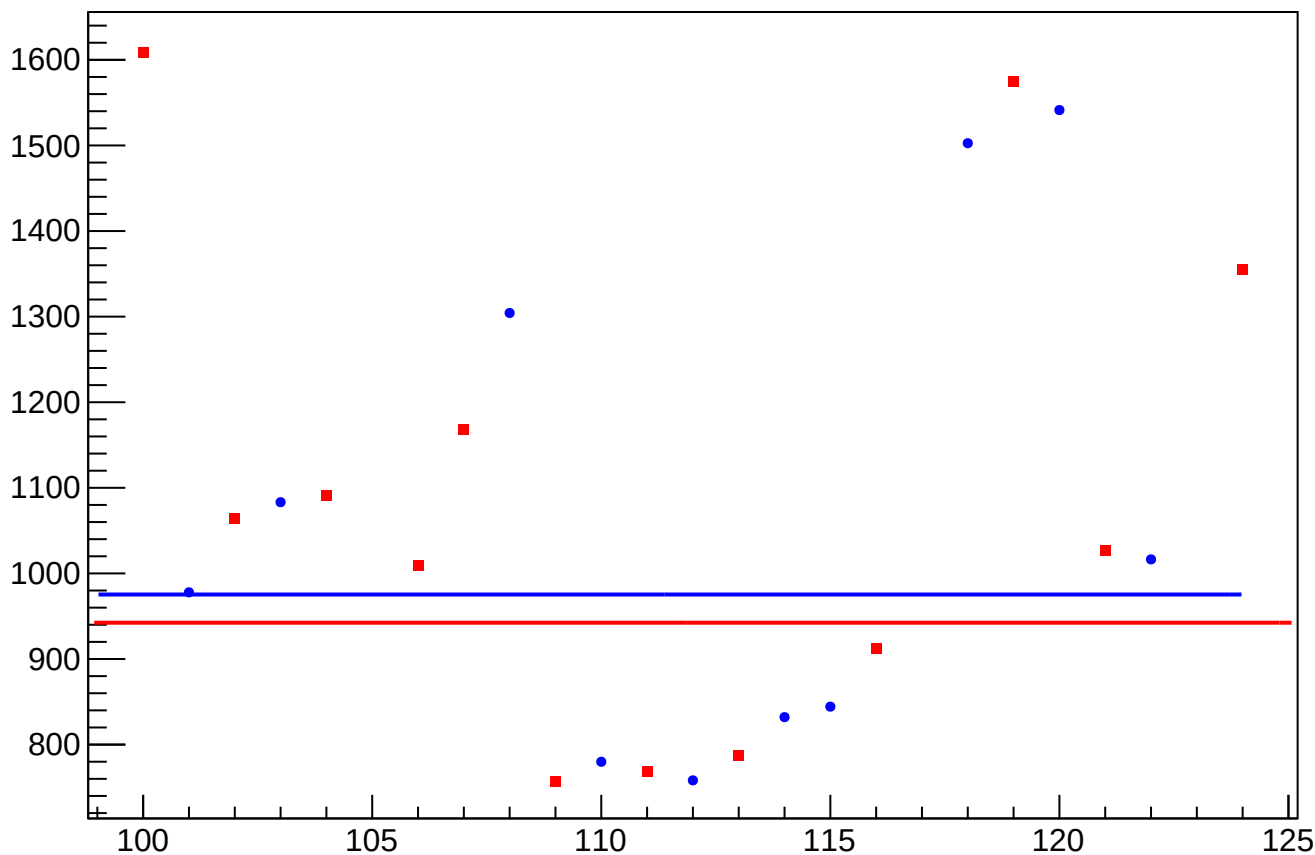
Right: 661.391+/-333.657 χ^2/NDF : 21.6/21

In: 144.927+/-496.422 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.391+/-333.657 χ^2/NDF : 21.6/21

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 975.354+/-0.351 χ^2/NDF : 431754.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 942.405+/-0.319 χ^2/NDF : 451733.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

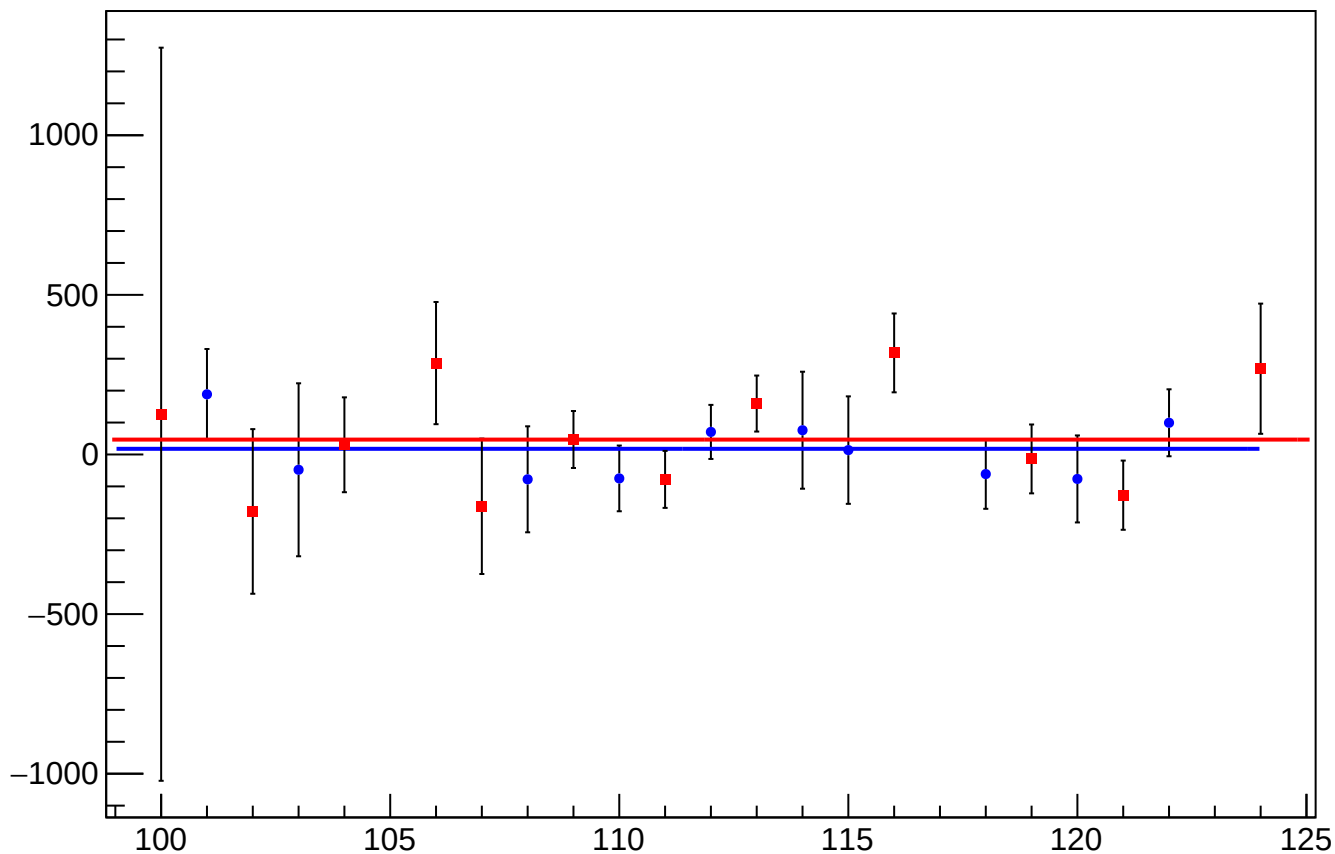
Right: 957.289+/-0.236 χ^2/NDF : 888317.7/21

In: 975.354+/-0.351 χ^2/NDF : 431754.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.289+/-0.236 χ^2/NDF : 888317.7/21

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 17.734+/-39.918 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.621+/-36.458 χ^2/NDF : 15.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

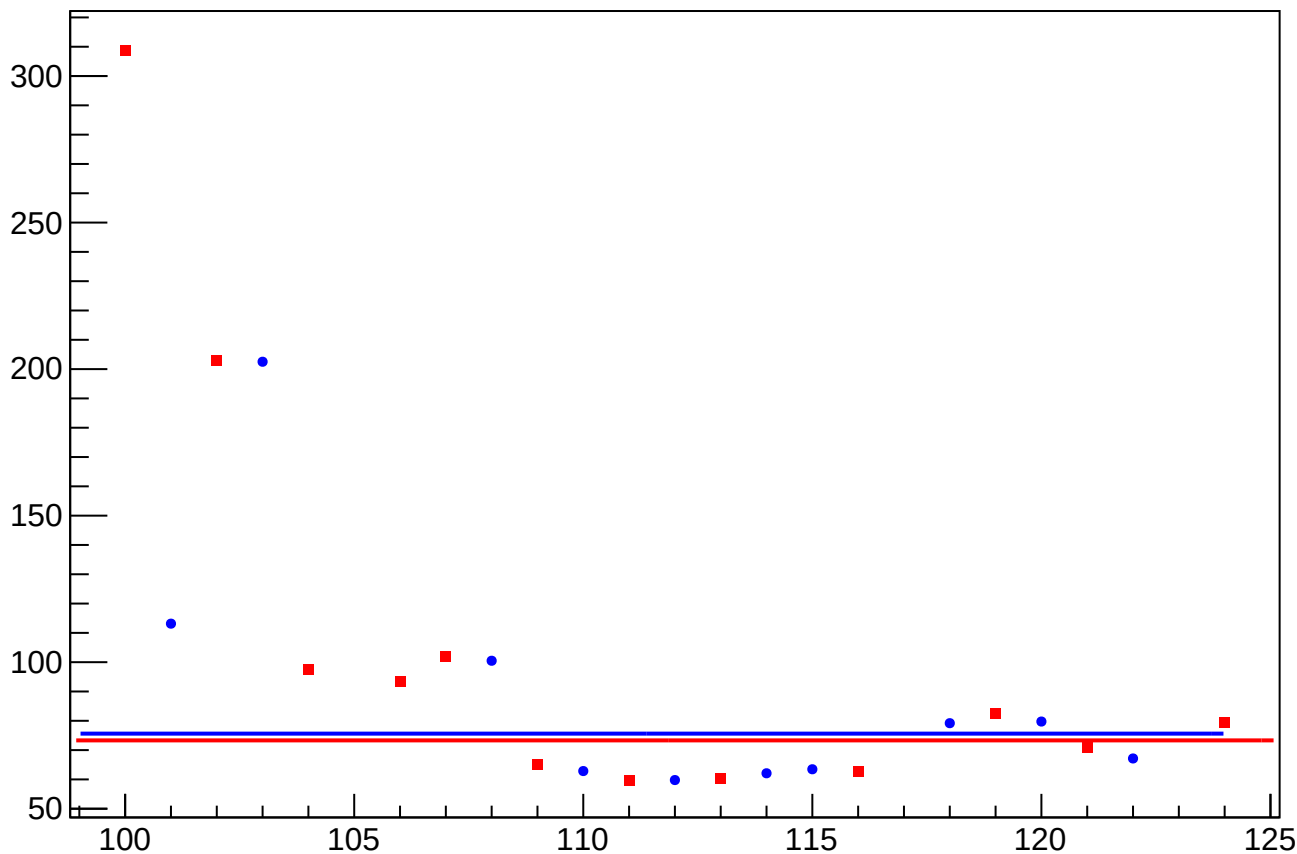
Right: 33.483+/-26.920 χ^2/NDF : 20.9/21

In: 17.734+/-39.918 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.483+/-26.920 χ^2/NDF : 20.9/21

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.622+/-0.028 χ^2/NDF : 762502.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.315+/-0.026 χ^2/NDF : 839274.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

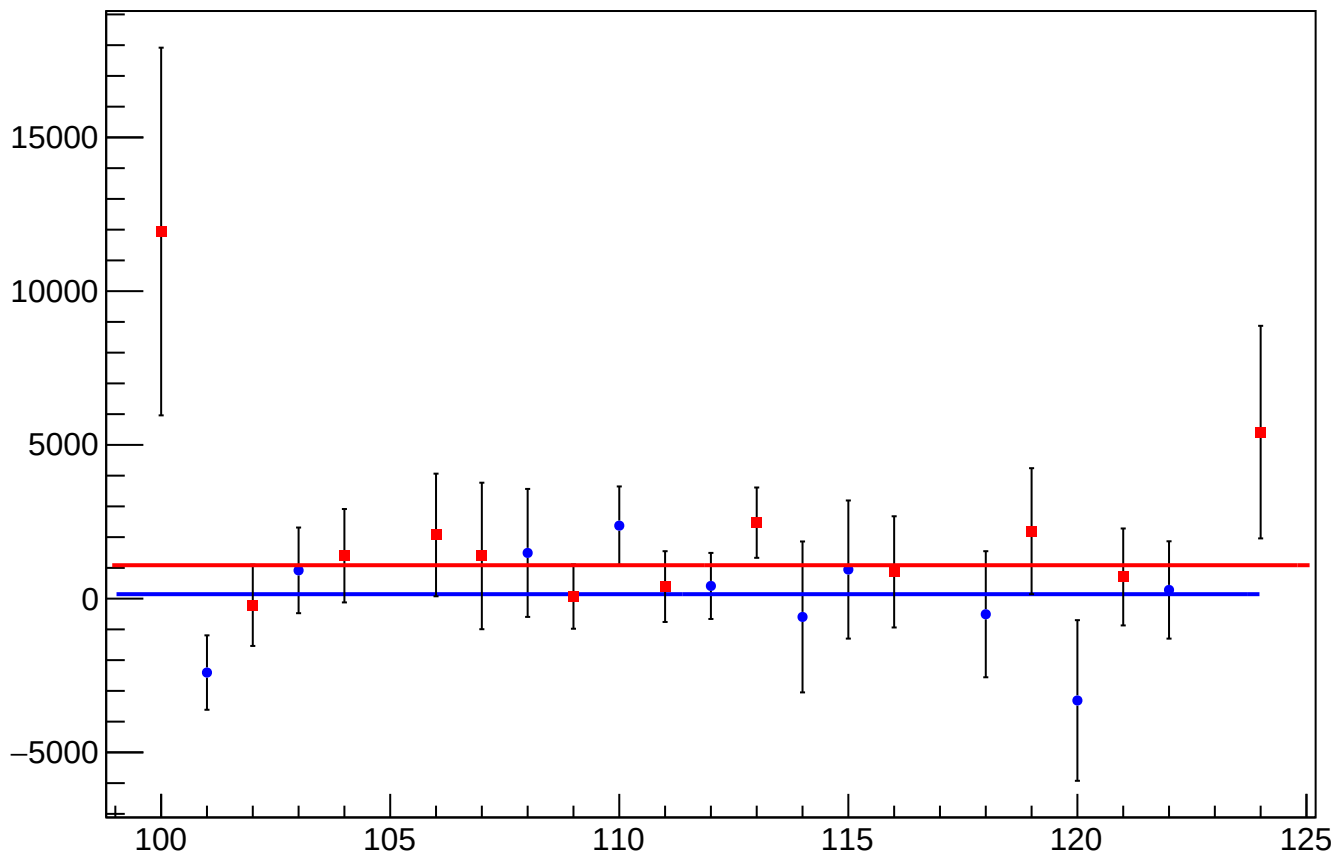
Right: 74.364+/-0.019 χ^2/NDF : 1605417.6/21

In: 75.622+/-0.028 χ^2/NDF : 762502.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.364+/-0.019 χ^2/NDF : 1605417.6/21

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 144.927+/-496.422 χ^2/NDF : 10.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1086.950+/-450.621 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

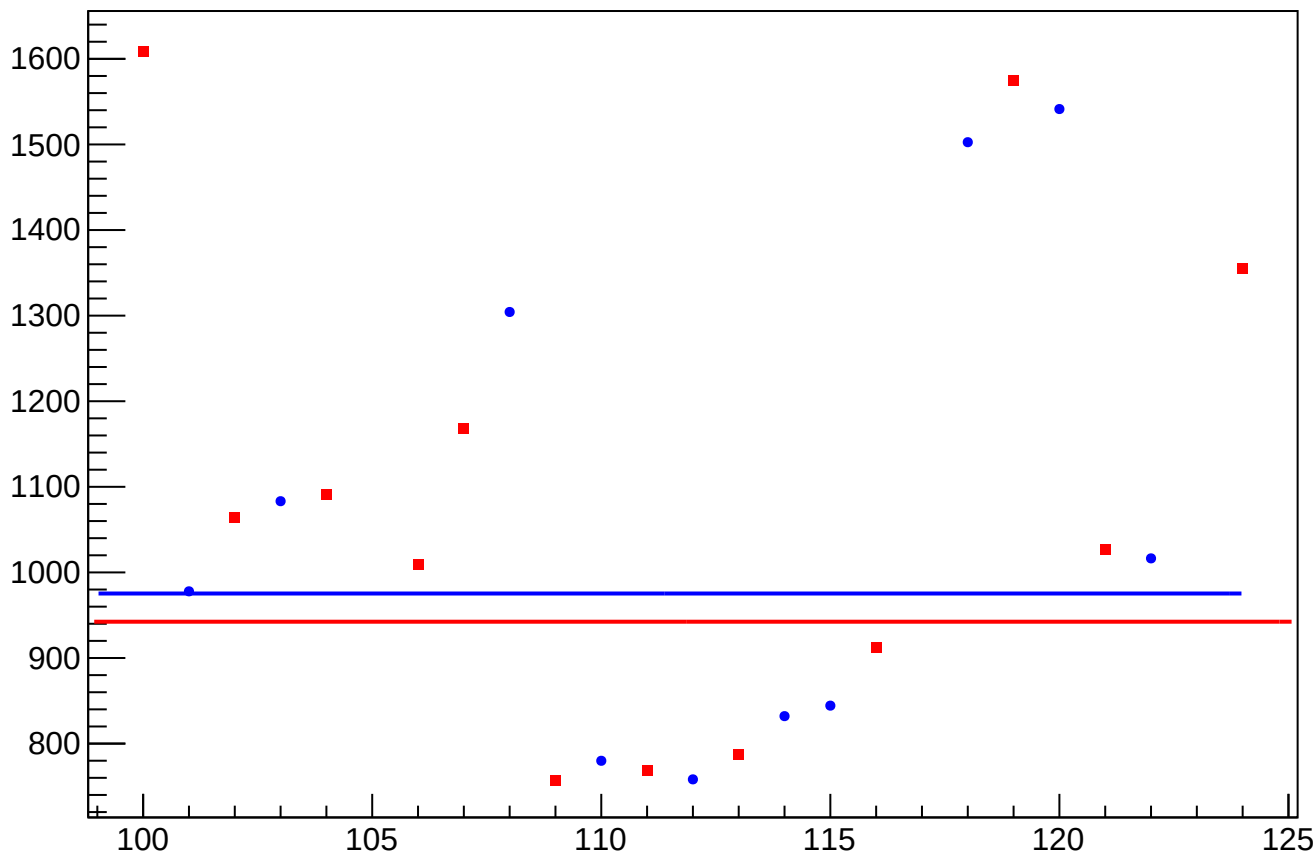
Right: 661.391+/-333.657 χ^2/NDF : 21.6/21

In: 144.927+/-496.422 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.391+/-333.657 χ^2/NDF : 21.6/21

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 975.354+/-0.351 χ^2/NDF : 431754.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 942.405+/-0.319 χ^2/NDF : 451733.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

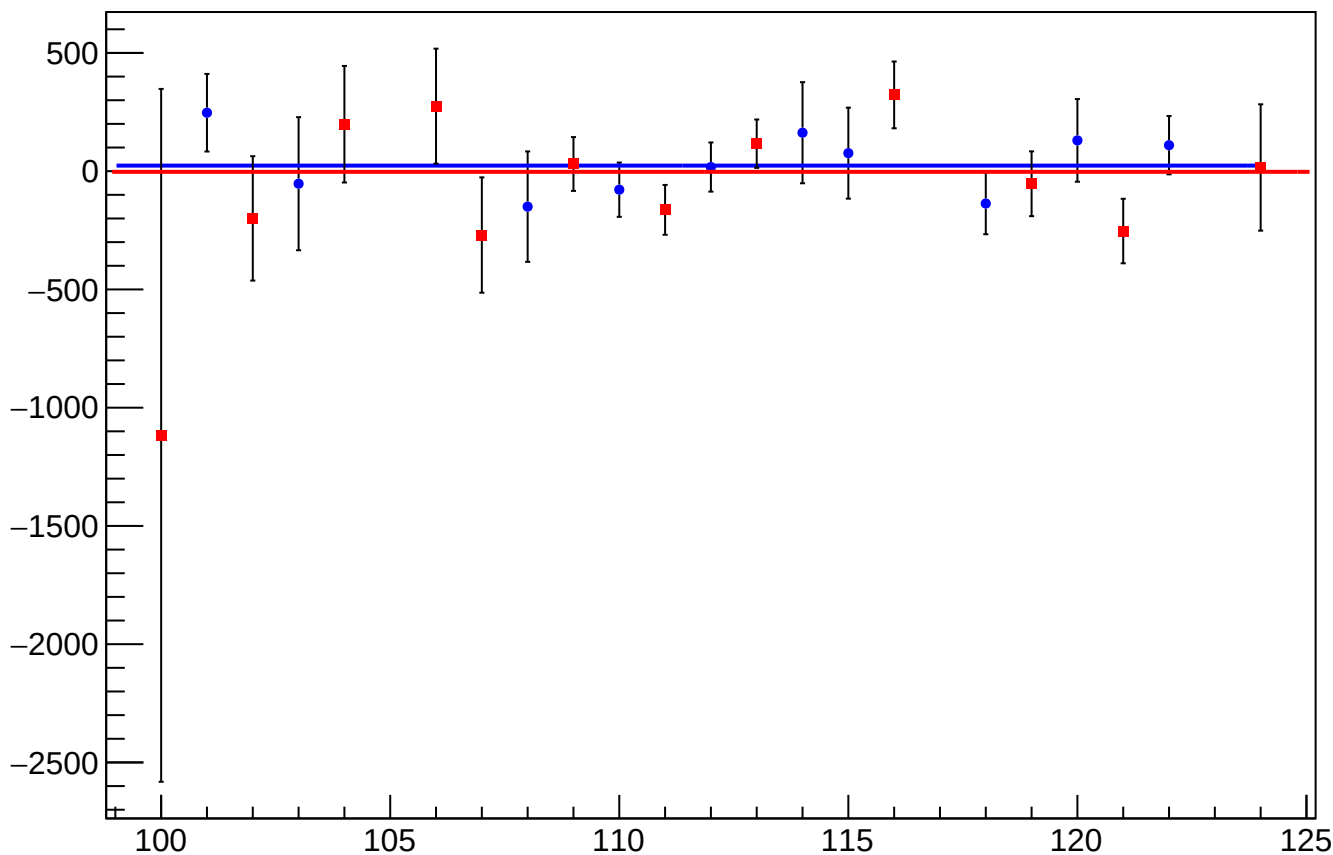
Right: 957.289+/-0.236 χ^2/NDF : 888317.7/21

In: 975.354+/-0.351 χ^2/NDF : 431754.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.289+/-0.236 χ^2/NDF : 888317.7/21

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 23.586+/-47.490 χ^2/NDF : 6.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.687+/-44.759 χ^2/NDF : 16.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

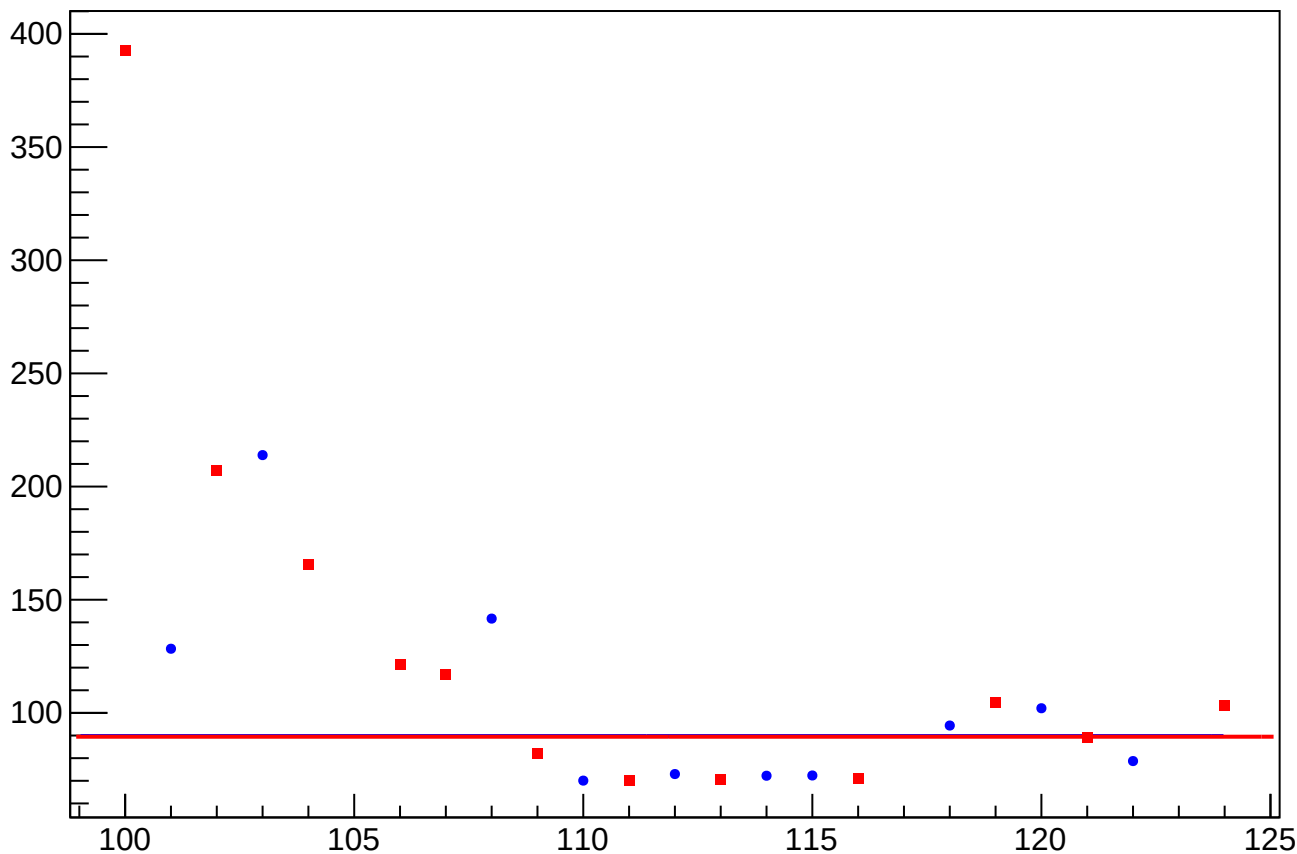
Right: 9.672+/-32.572 χ^2/NDF : 23.2/21

In: 23.586+/-47.490 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.672+/-32.572 χ^2/NDF : 23.2/21

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.767+/-0.034 χ^2/NDF : 768008.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.481+/-0.032 χ^2/NDF : 946488.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

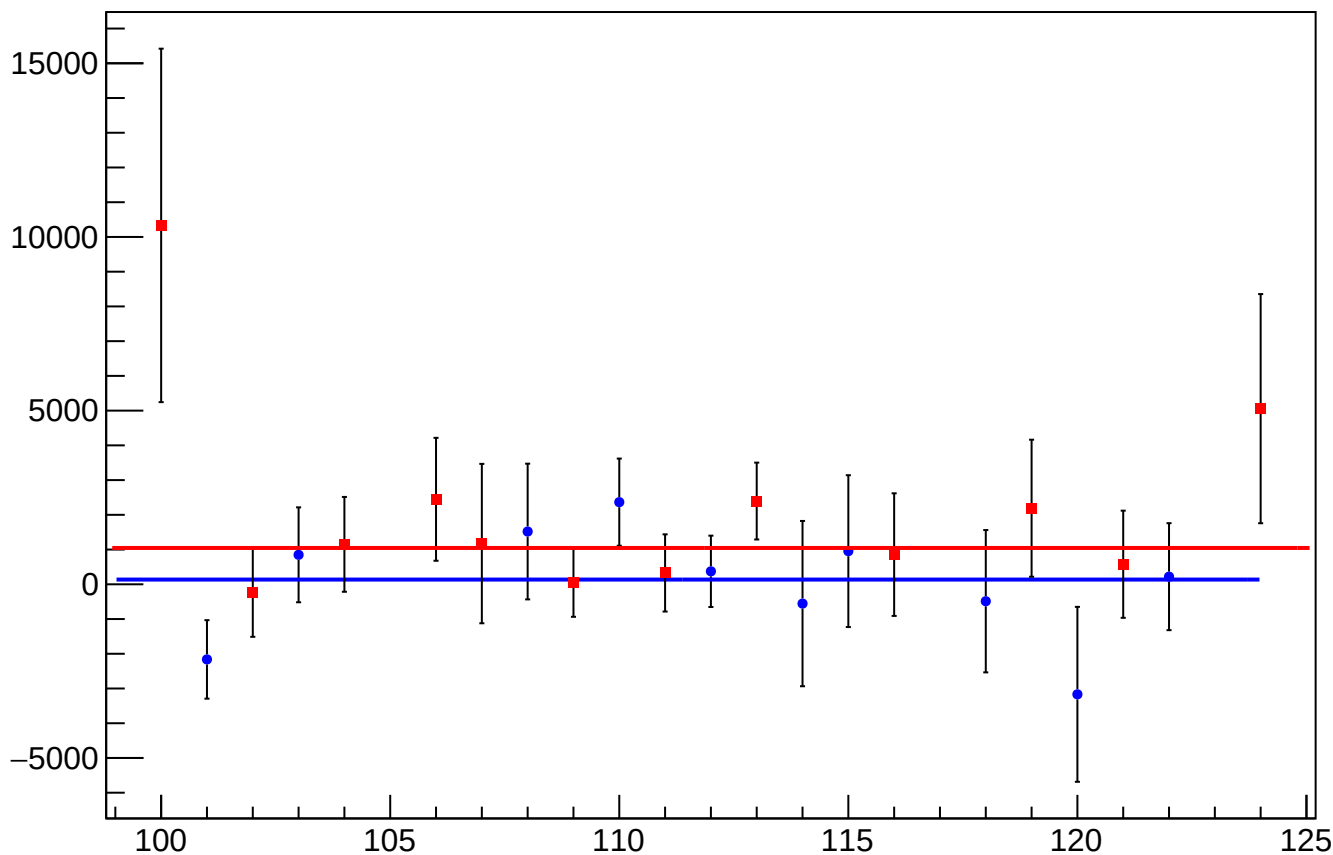
Right: 89.616+/-0.023 χ^2/NDF : 1714535.0/21

In: 89.767+/-0.034 χ^2/NDF : 768008.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.616+/-0.023 χ^2/NDF : 1714535.0/21

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 136.254 $\pm$ 478.483 χ^2 /NDF: 10.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1046.156 $\pm$ 428.490 χ^2 /NDF: 9.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

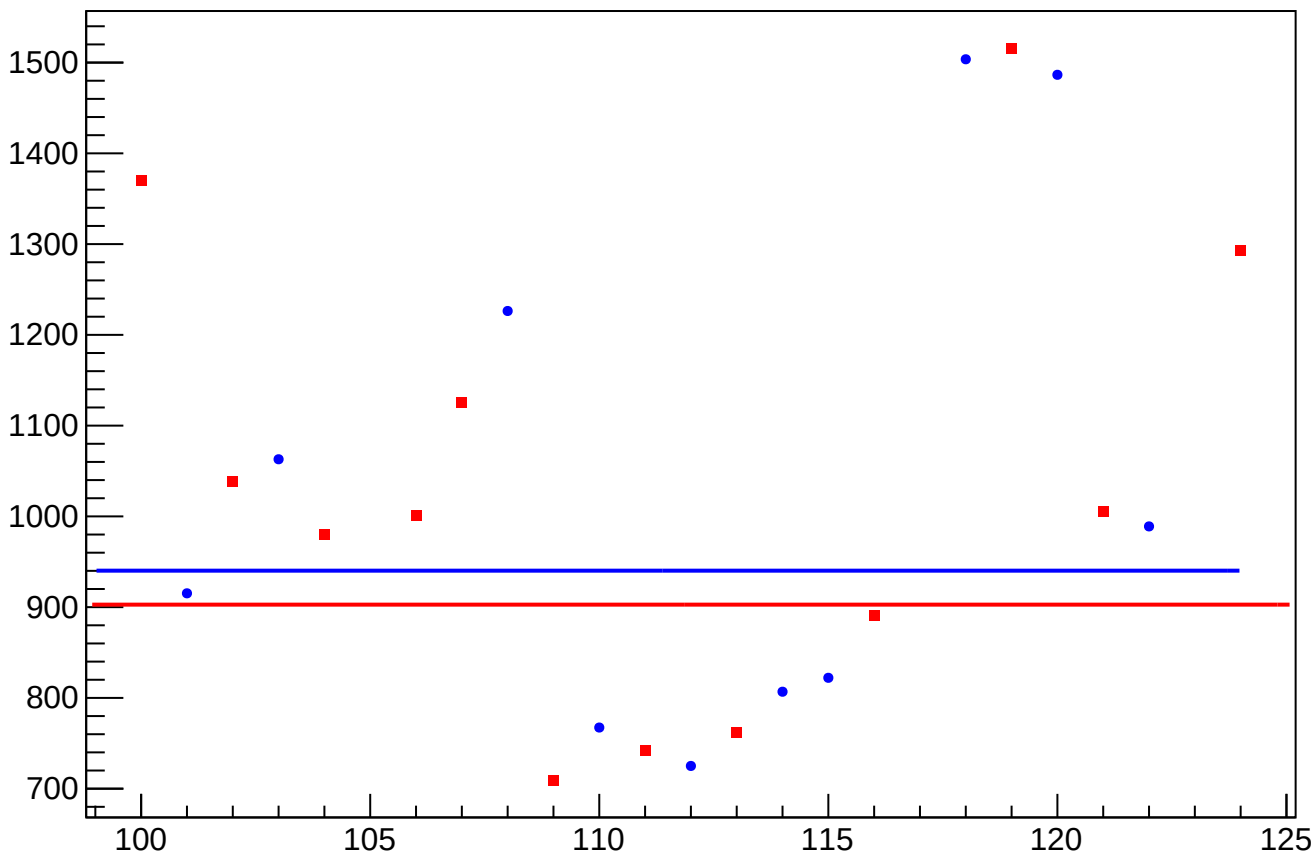
Right: 641.208 $\pm$ 319.204 χ^2 /NDF: 22.0/21

In: 136.254 $\pm$ 478.483 χ^2 /NDF:10.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 641.208 $\pm$ 319.204 χ^2 /NDF: 22.0/21

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 940.198+/-0.338 χ^2/NDF : 445315.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.767+/-0.303 χ^2/NDF : 452617.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

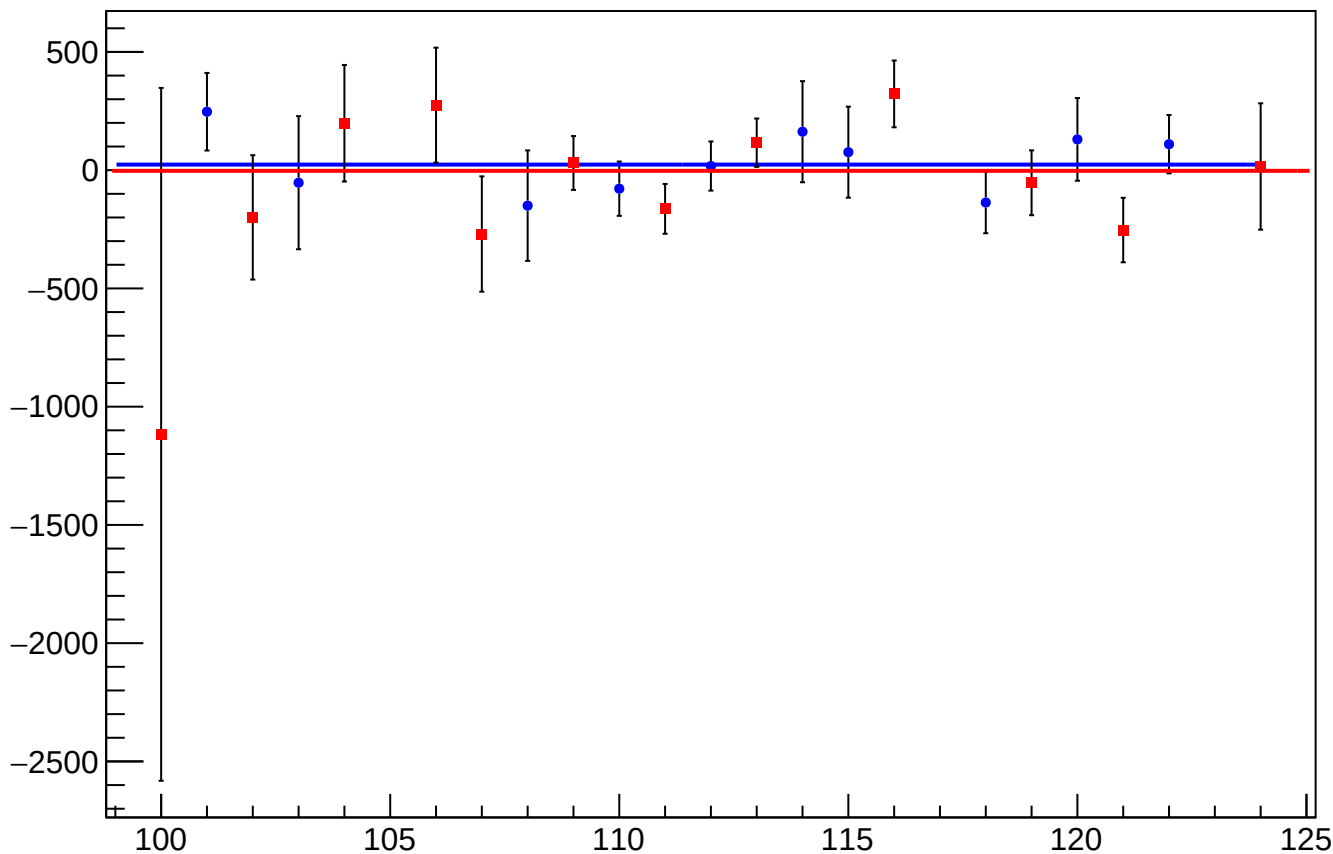
Right: 919.426+/-0.226 χ^2/NDF : 904725.2/21

In: 940.198+/-0.338 χ^2/NDF : 445315.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 919.426+/-0.226 χ^2/NDF : 904725.2/21

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 23.584+/-47.490 χ^2/NDF : 6.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.690+/-44.759 χ^2/NDF : 16.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

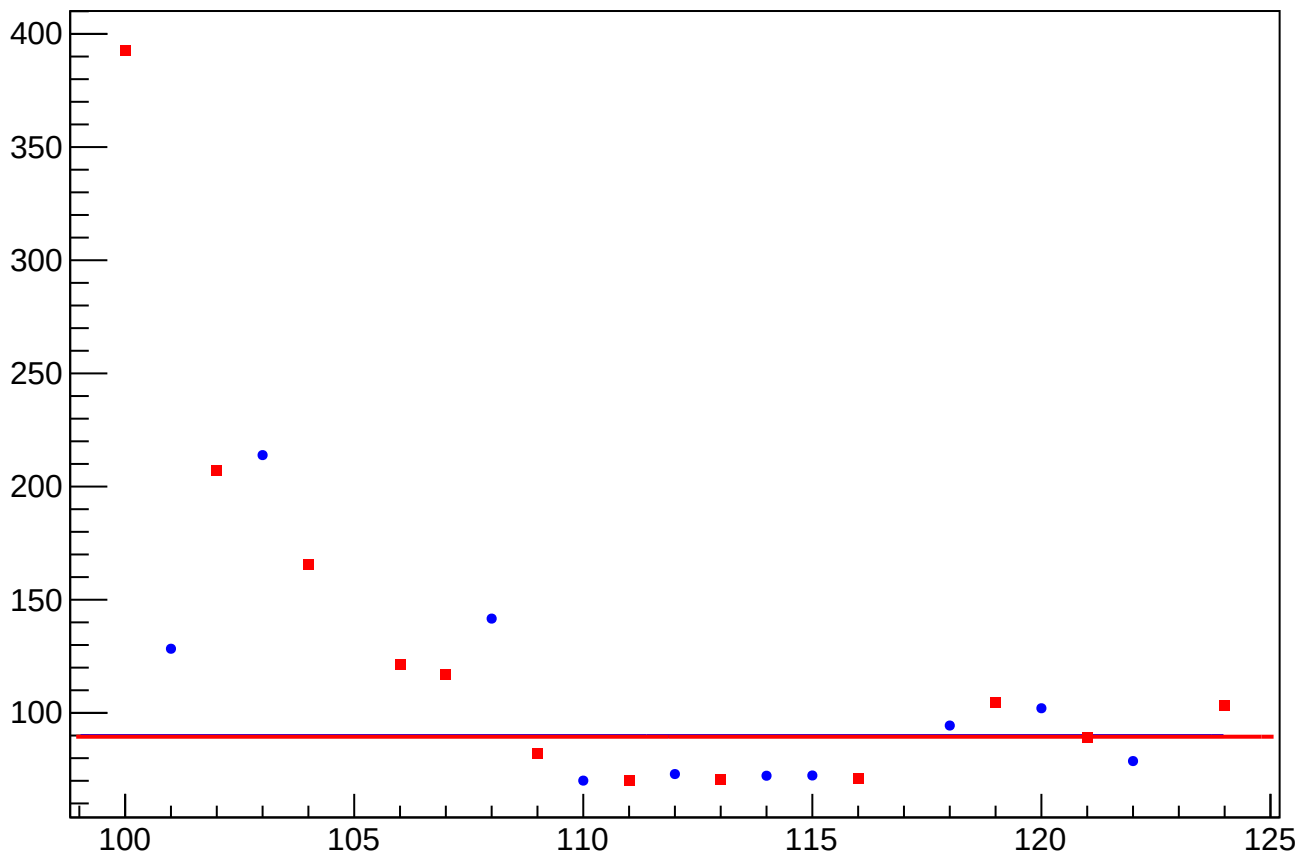
Right: 9.670+/-32.572 χ^2/NDF : 23.2/21

In: 23.584+/-47.490 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.670+/-32.572 χ^2/NDF : 23.2/21

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.768+/-0.034 χ^2/NDF : 767996.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.482+/-0.032 χ^2/NDF : 946480.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

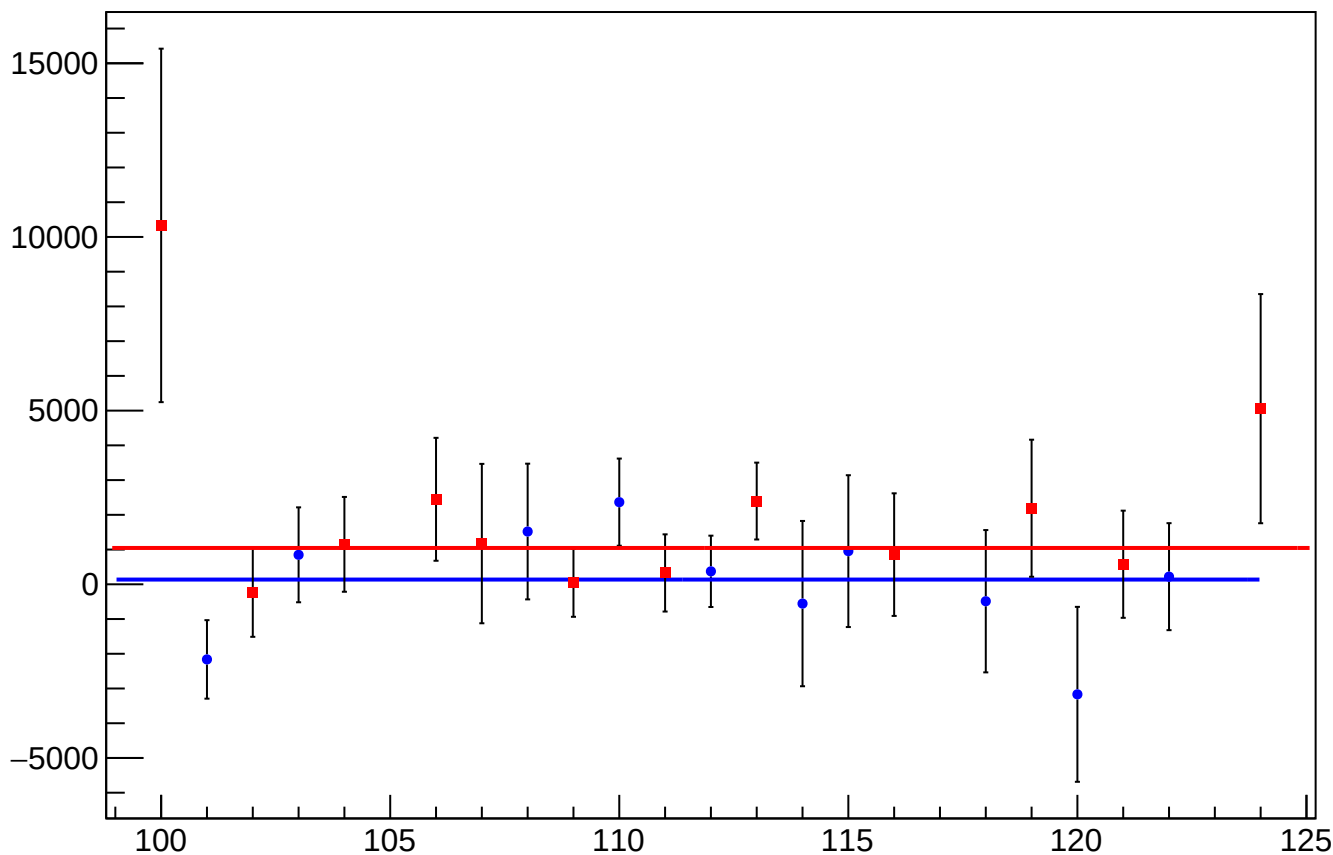
Right: 89.616+/-0.023 χ^2/NDF : 1714514.7/21

In: 89.768+/-0.034 χ^2/NDF : 767996.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.616+/-0.023 χ^2/NDF : 1714514.7/21

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 136.254+/-478.482 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1046.154+/-428.489 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

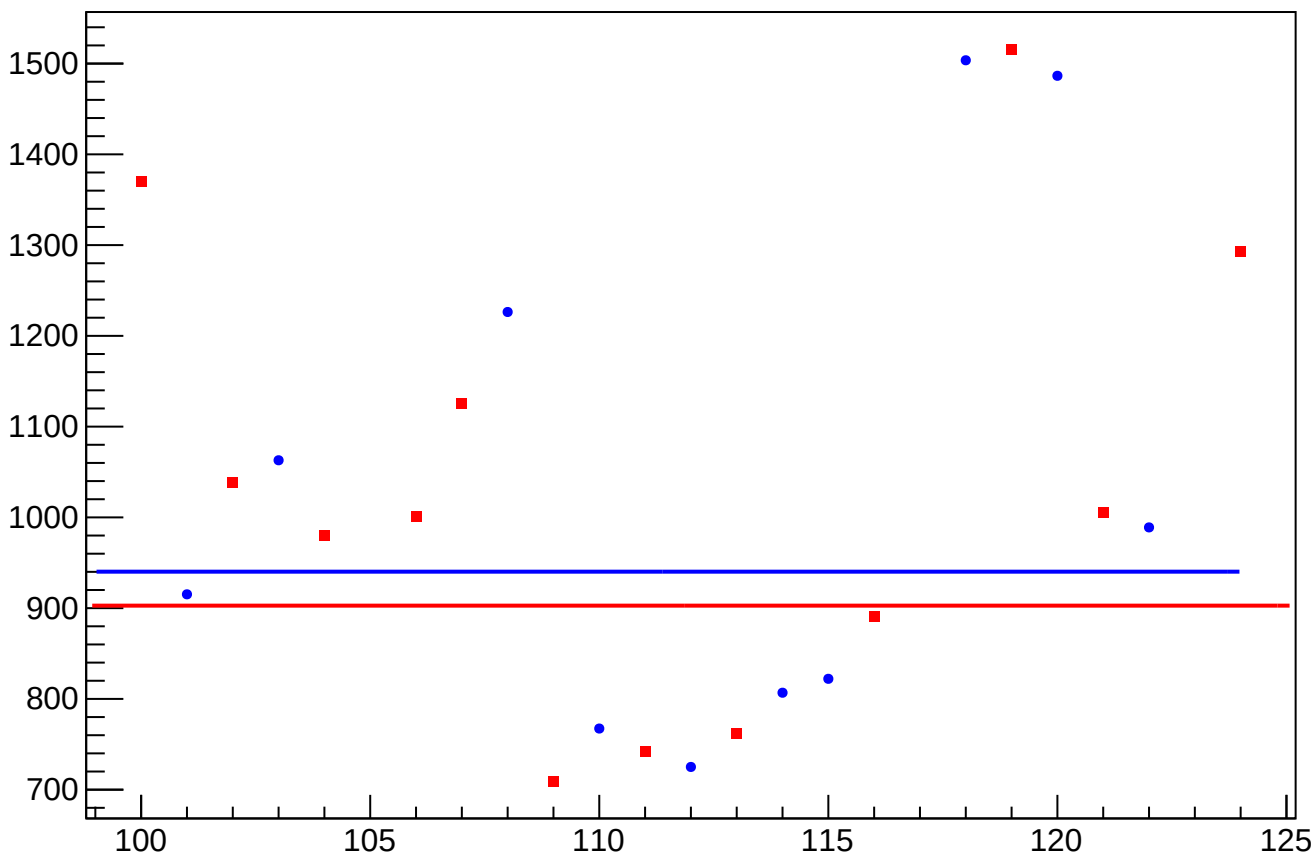
Right: 641.206+/-319.204 χ^2/NDF : 22.0/21

In: 136.254+/-478.482 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 641.206+/-319.204 χ^2/NDF : 22.0/21

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 940.195+/-0.338 χ^2/NDF : 445318.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.765+/-0.303 χ^2/NDF : 452617.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

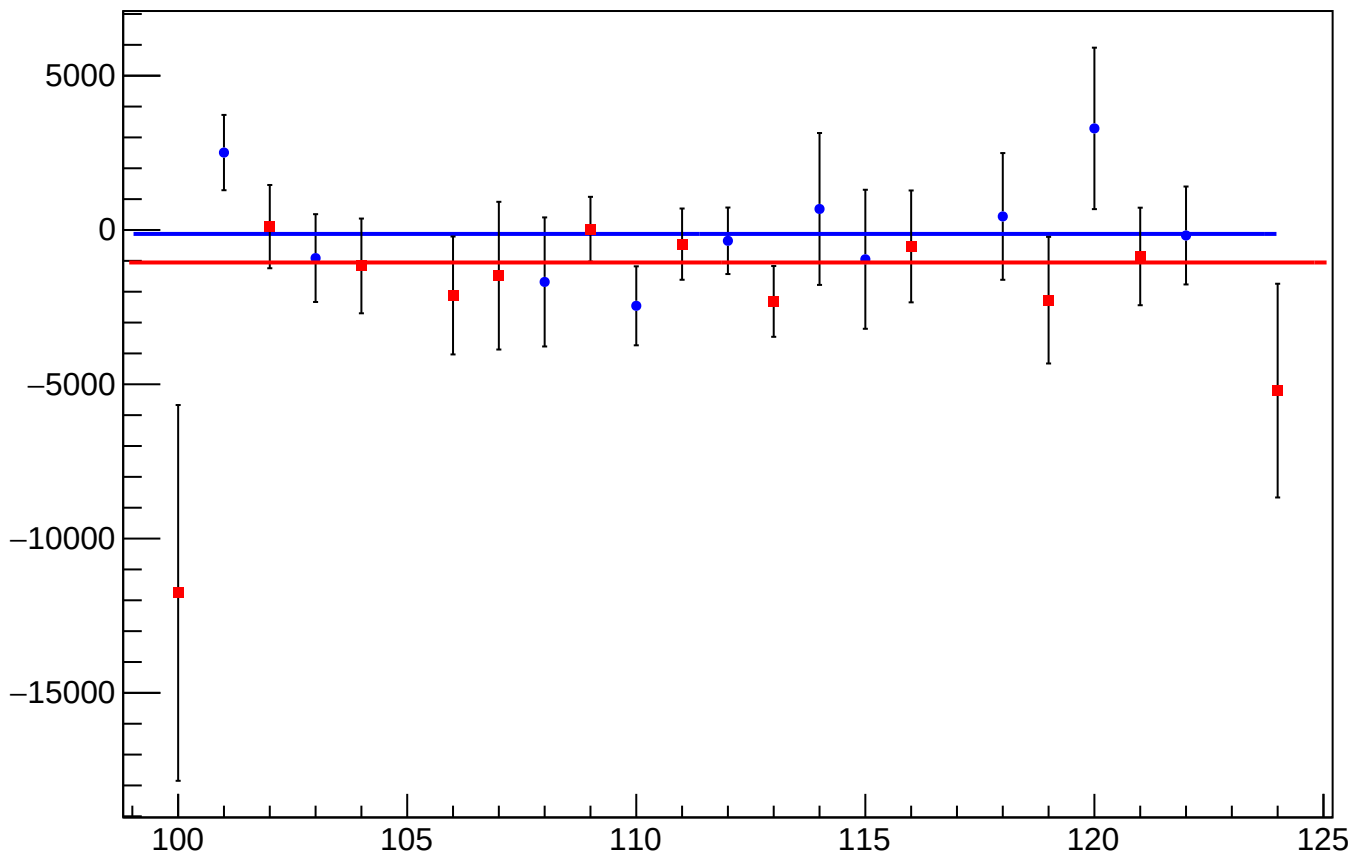
Right: 919.423+/-0.226 χ^2/NDF : 904728.3/21

In: 940.195+/-0.338 χ^2/NDF : 445318.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 919.423+/-0.226 χ^2/NDF : 904728.3/21

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -127.289 ± 499.444 χ^2/NDF : 10.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1052.799 ± 452.098 χ^2/NDF : 8.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

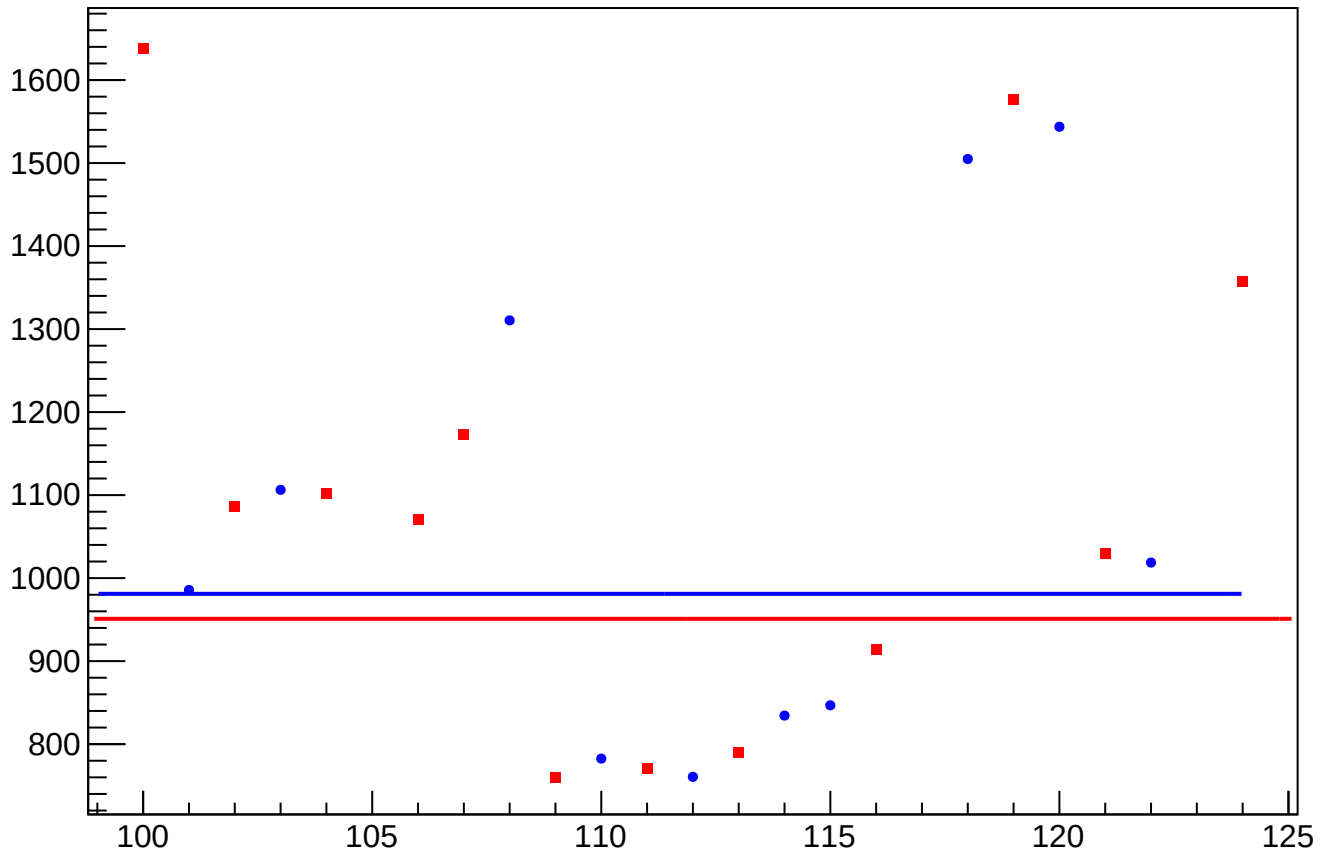
Right: -635.982 ± 335.173 χ^2/NDF : 21.4/21

In: -127.289 ± 499.444 χ^2/NDF : 10.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -635.982 ± 335.173 χ^2/NDF : 21.4/21

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 981.077+/-0.353 χ^2/NDF : 434982.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 951.001+/-0.320 χ^2/NDF : 463946.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

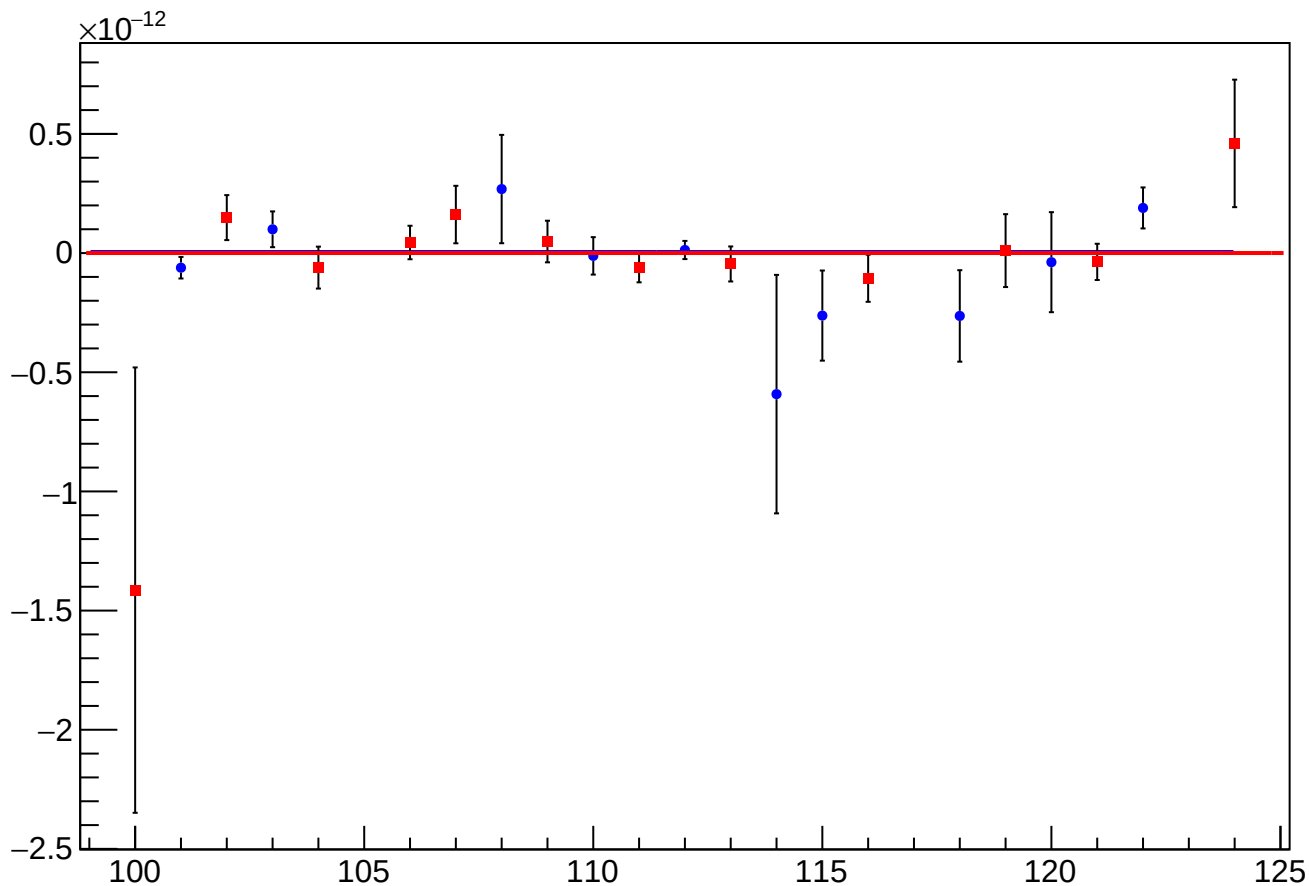
Right: 964.546+/-0.237 χ^2/NDF : 902914.9/21

In: 981.077+/-0.353 χ^2/NDF : 434982.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.546+/-0.237 χ^2/NDF : 902914.9/21

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

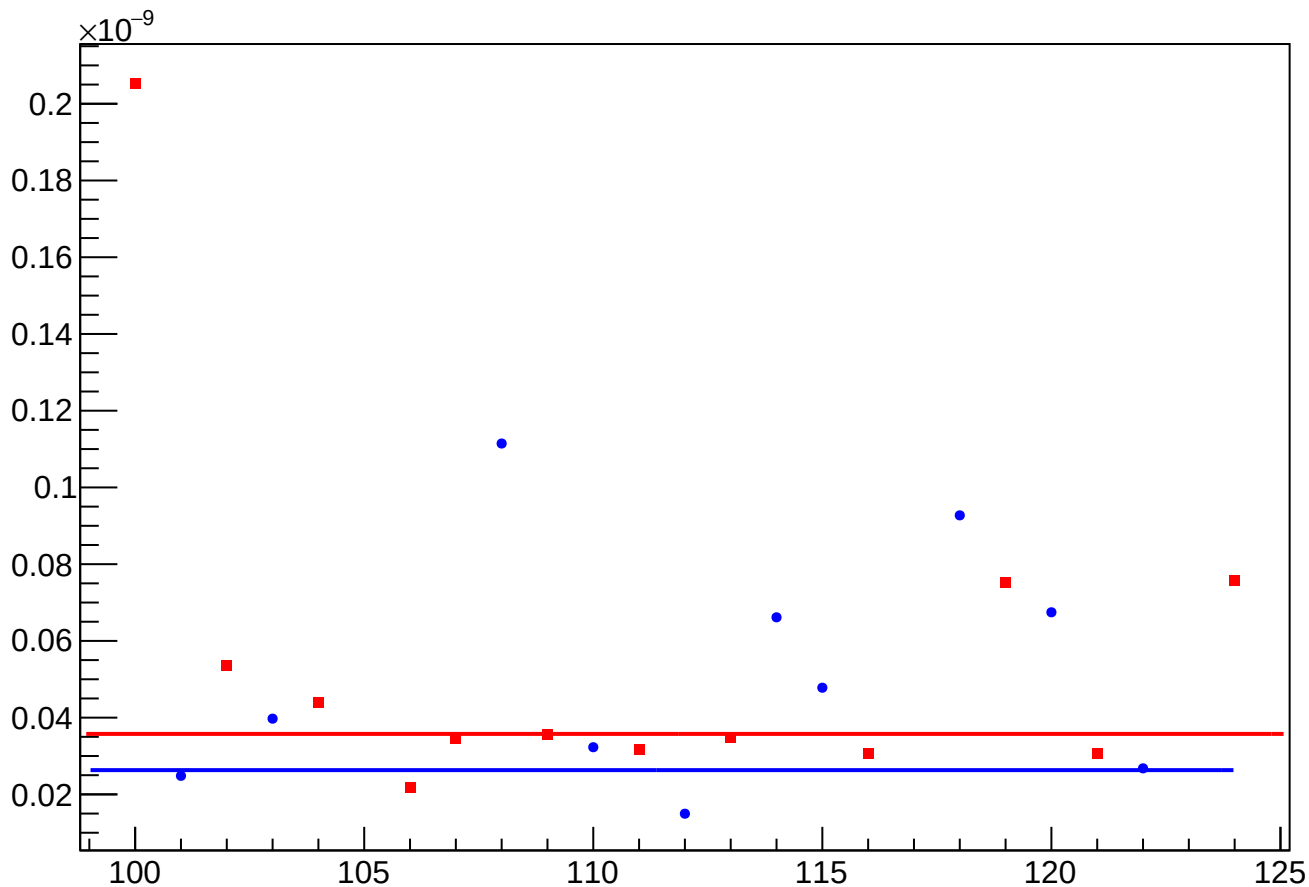
Right: 0.000+/-0.000 χ^2/NDF : 28.6/21

In: 0.000+/-0.000 χ^2/NDF : 15.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.6/21

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 890608.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 434802.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

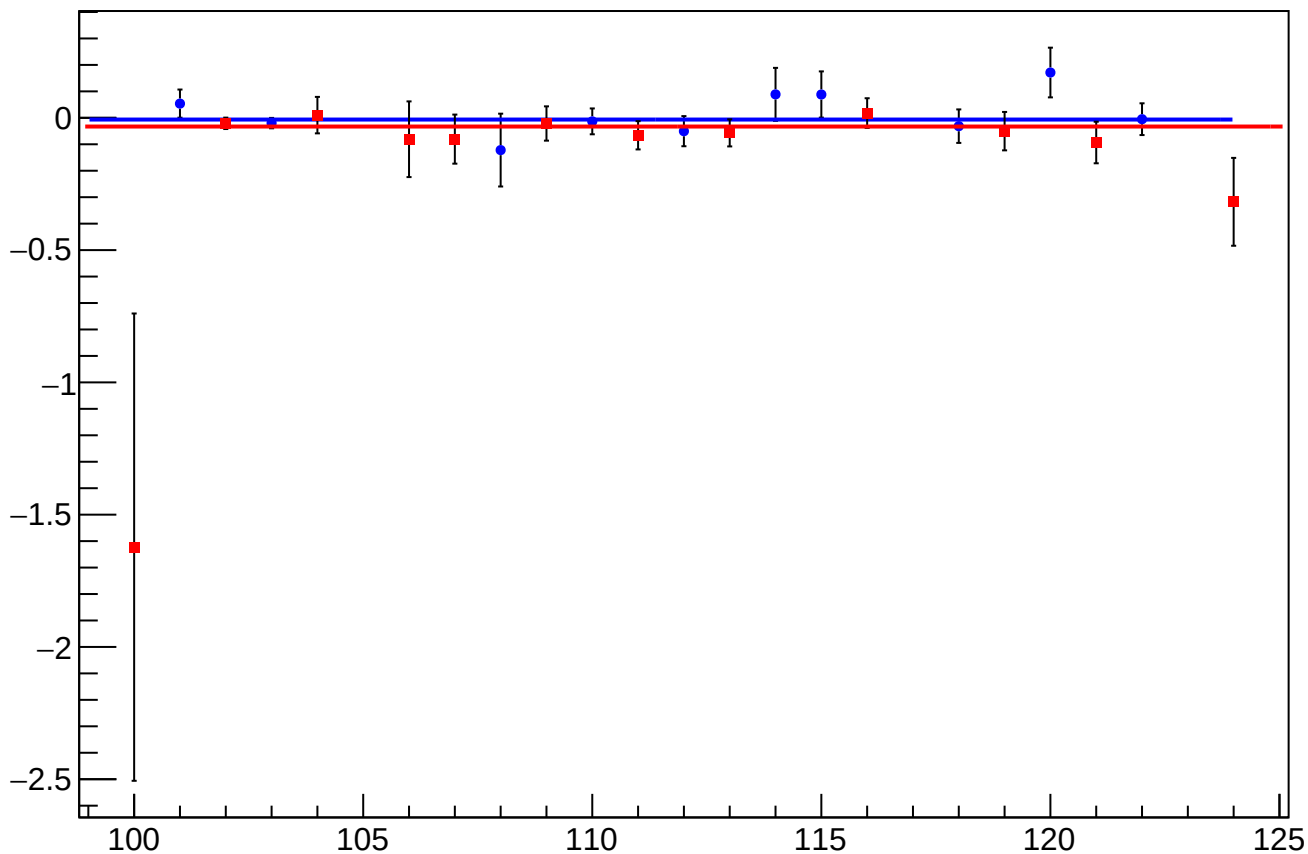
Right: 0.000+/-0.000 χ^2/NDF : 1464645.4/21

In: 0.000+/-0.000 χ^2/NDF : 890608.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1464645.4/21

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.015 χ^2/NDF : 8.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.033 ± 0.015 χ^2/NDF : 9.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

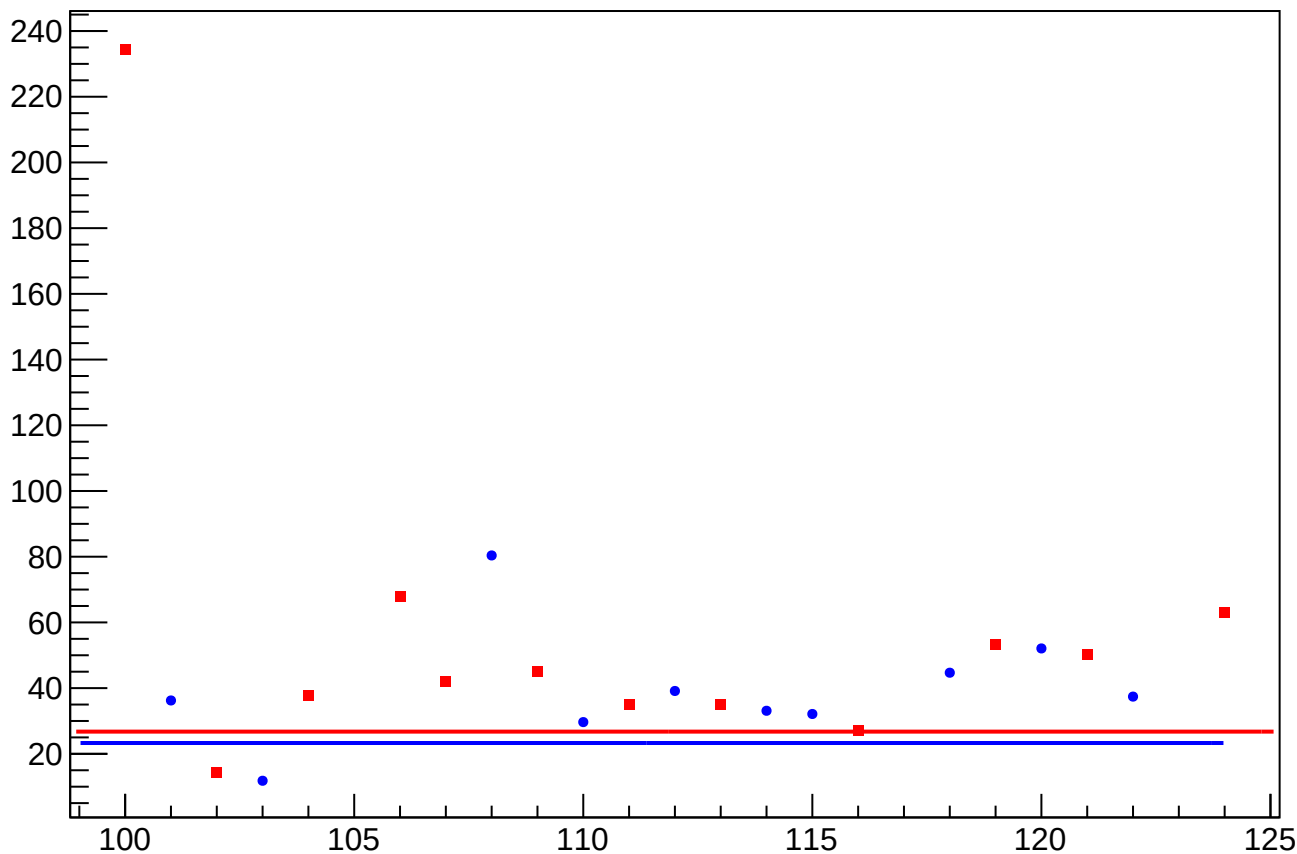
Right: -0.019 ± 0.011 χ^2/NDF : 19.8/21

In: -0.006 ± 0.015 χ^2/NDF : 8.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.011 χ^2/NDF : 19.8/21

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.296+/-0.010 χ^2/NDF : 1902468.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.762+/-0.011 χ^2/NDF : 1856434.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

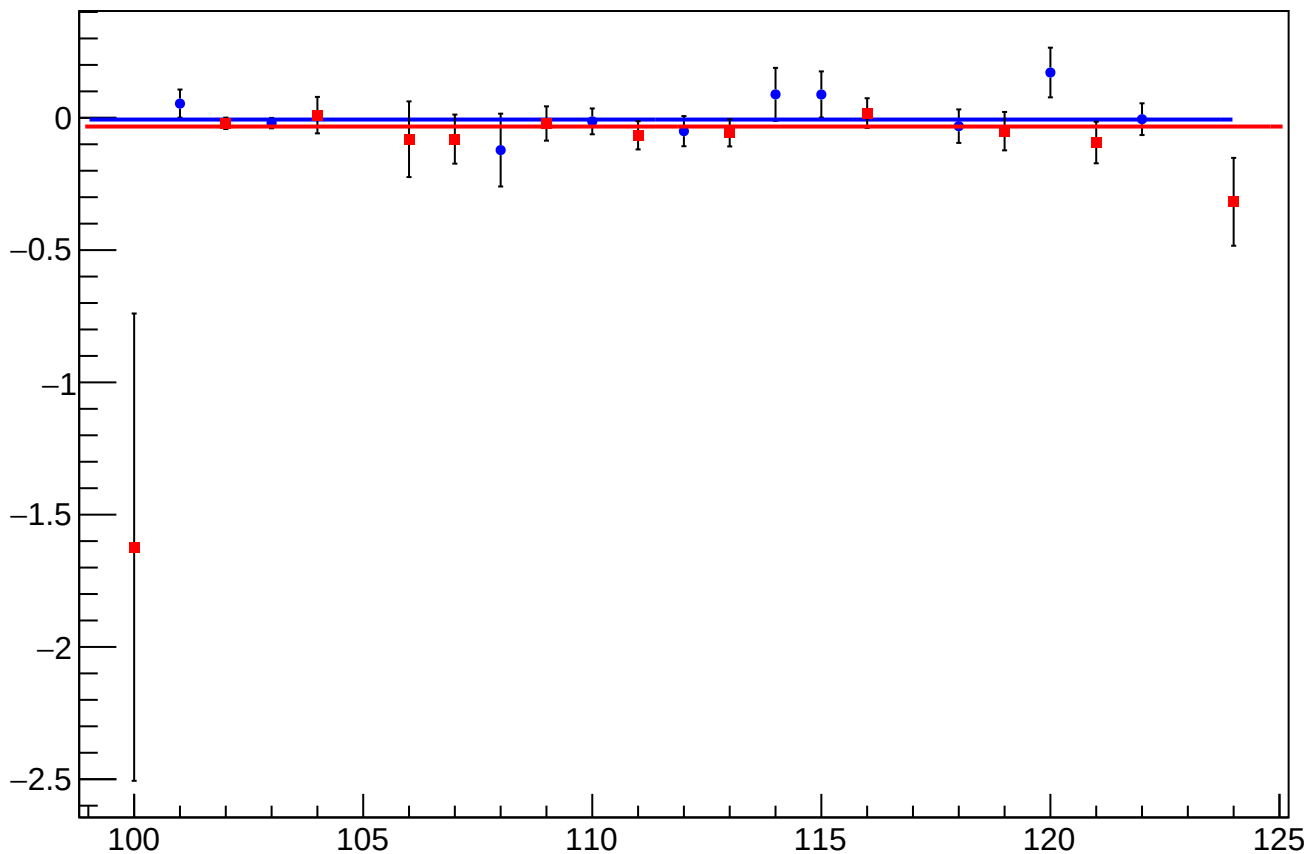
Right: 24.952+/-0.008 χ^2/NDF : 3811684.4/21

In: 23.296+/-0.010 χ^2/NDF : 1902468.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.952+/-0.008 χ^2/NDF : 3811684.4/21

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.015 χ^2 /NDF: 8.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.033 $\pm$ 0.015 χ^2 /NDF: 9.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

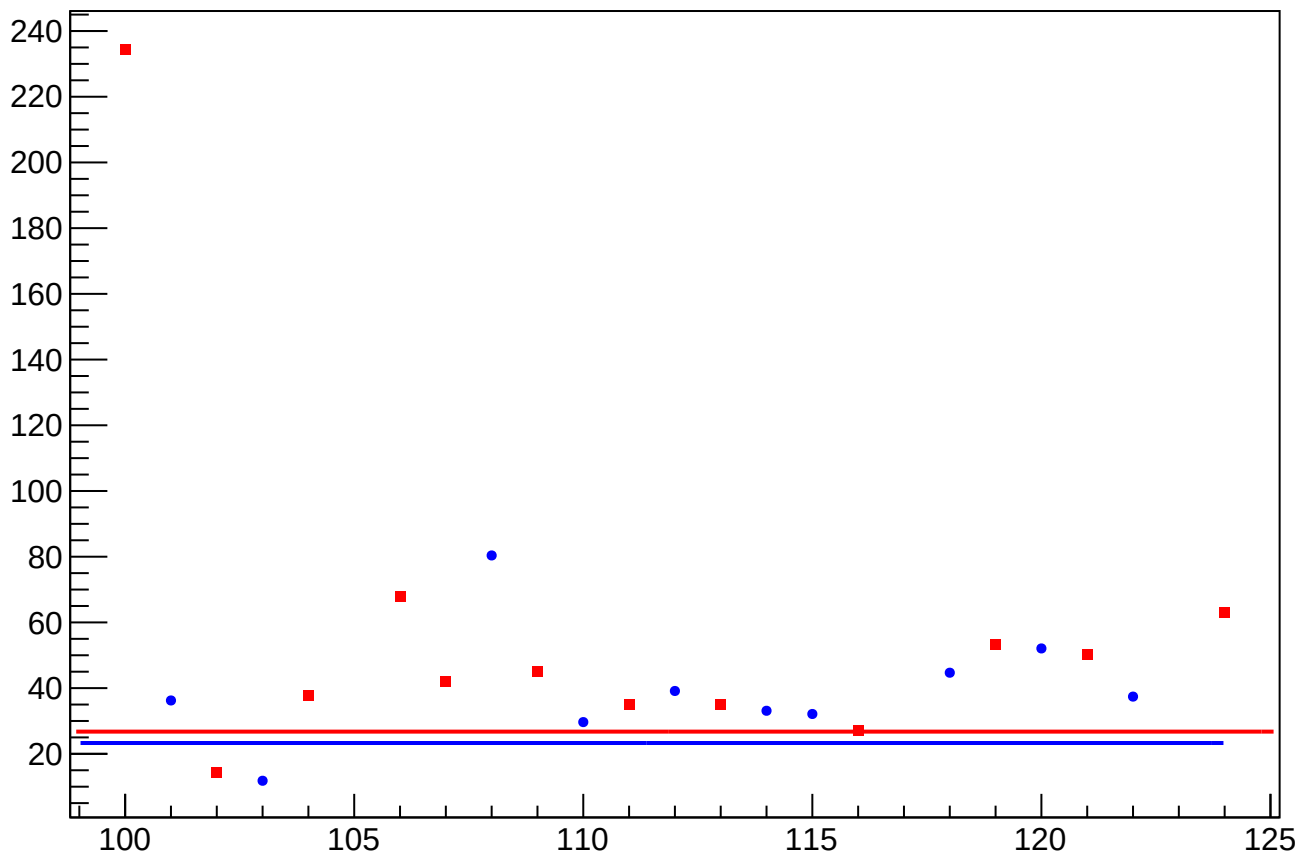
Right: -0.019 $\pm$ 0.011 χ^2 /NDF: 19.8/21

In: -0.006 $\pm$ 0.015 χ^2 /NDF:8.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.011 χ^2 /NDF: 19.8/21

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.296+/-0.010 χ^2/NDF : 1902468.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.762+/-0.011 χ^2/NDF : 1856434.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

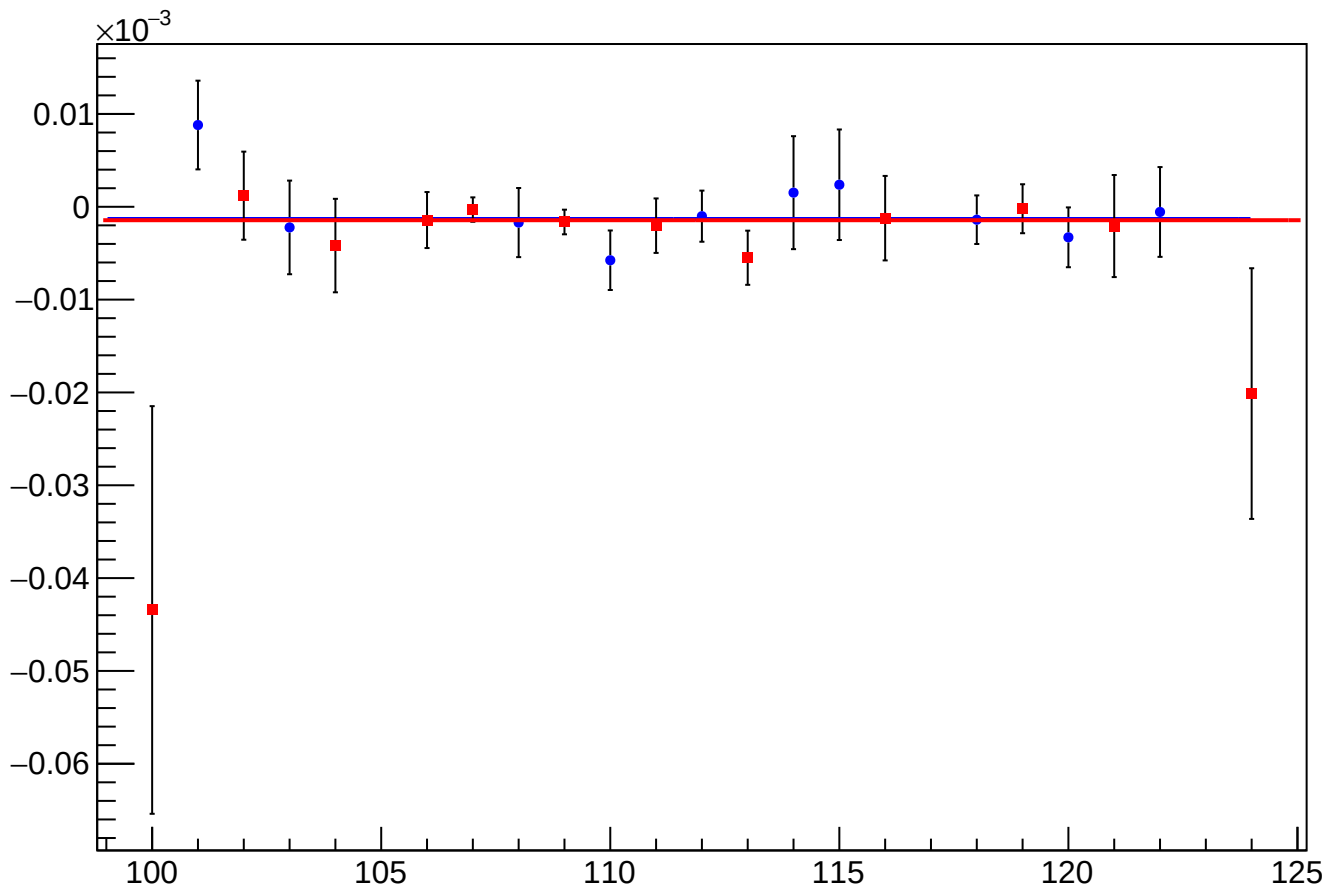
Right: 24.952+/-0.008 χ^2/NDF : 3811684.4/21

In: 23.296+/-0.010 χ^2/NDF : 1902468.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.952+/-0.008 χ^2/NDF : 3811684.4/21

asym_sam_37_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 : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

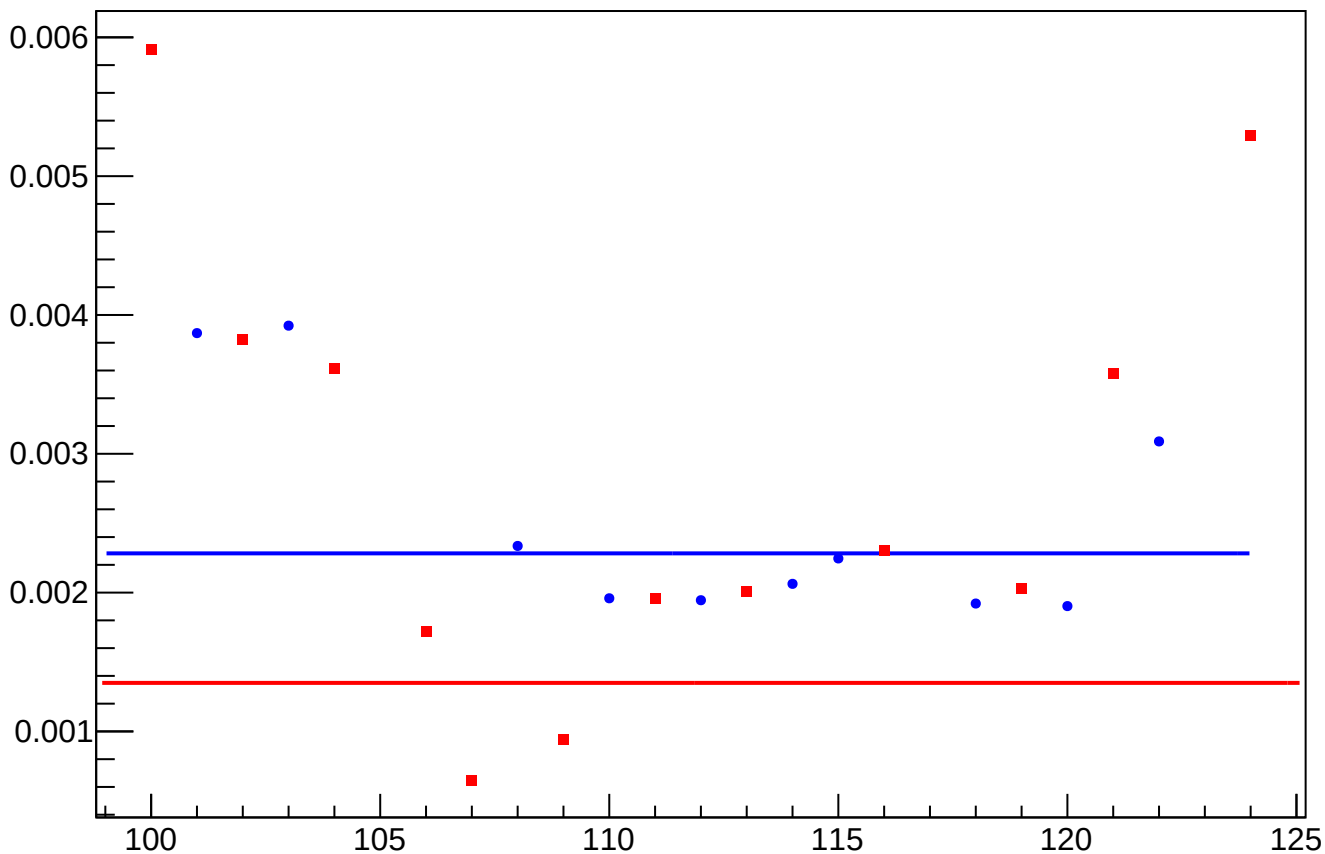
Right: -0.000+/-0.000 χ^2/NDF : 16.6/21

In: -0.000+/-0.000 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.6/21

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 607137.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2734370.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

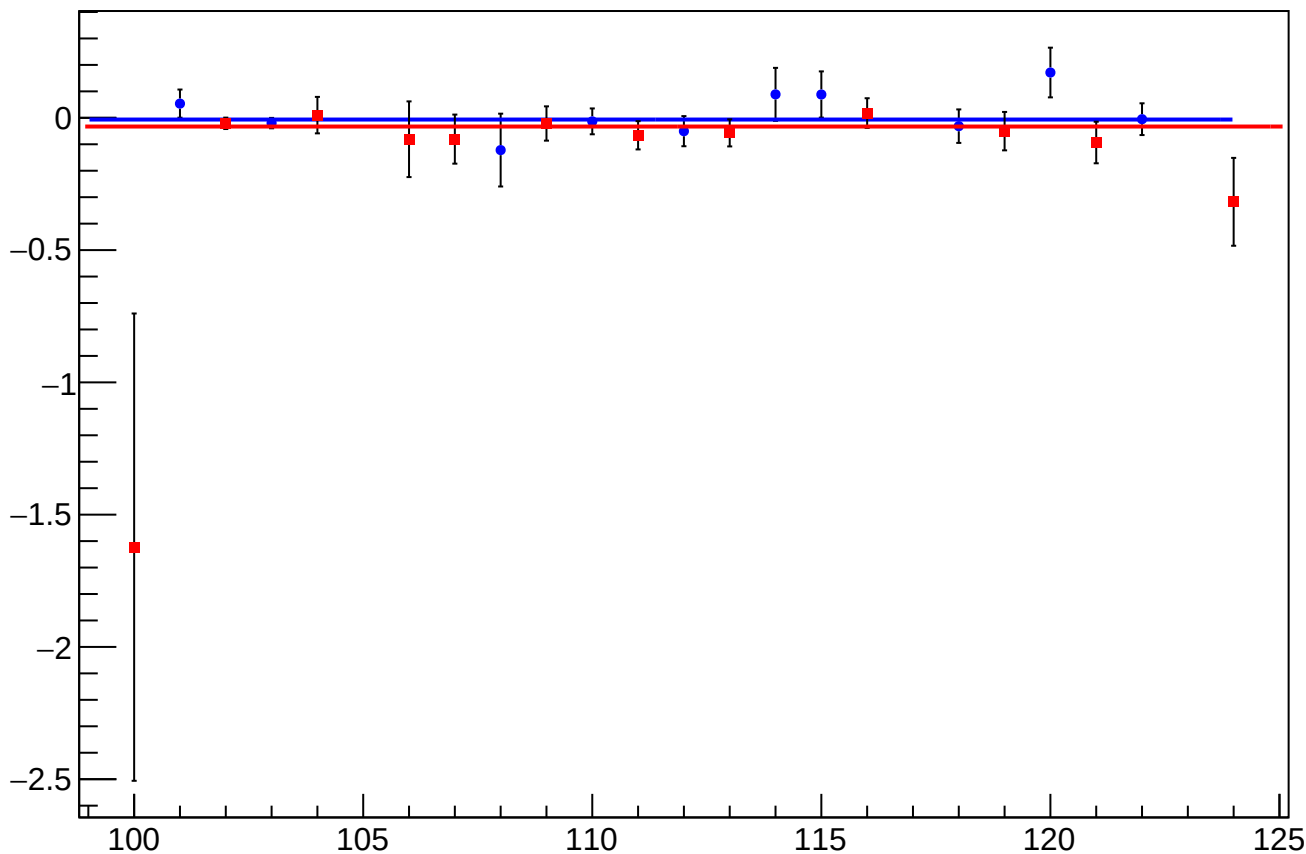
Right: 0.002+/-0.000 χ^2/NDF : 4242041.7/21

In: 0.002+/-0.000 χ^2/NDF :607137.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4242041.7/21

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.015 χ^2/NDF : 8.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.033 ± 0.015 χ^2/NDF : 9.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

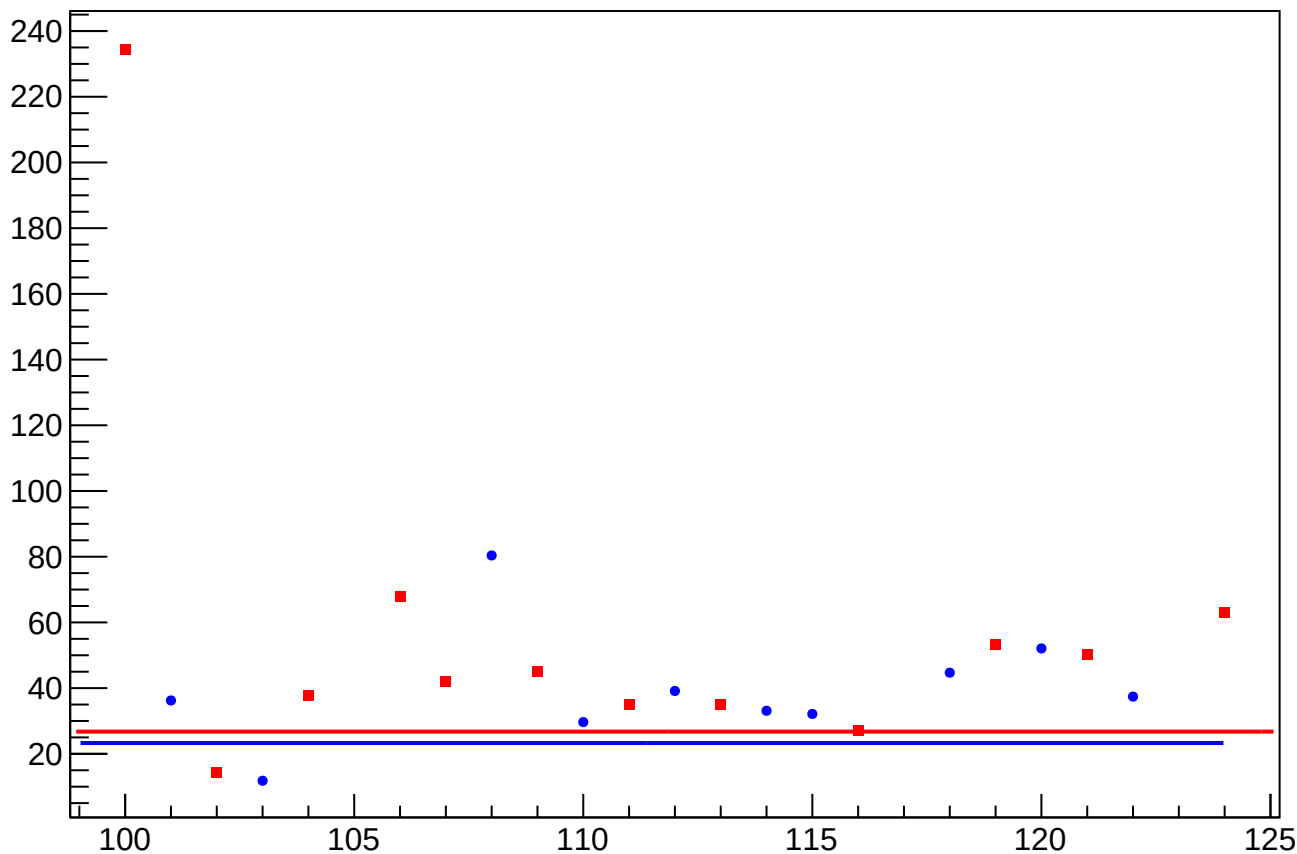
Right: -0.019 ± 0.011 χ^2/NDF : 19.8/21

In: -0.006 ± 0.015 χ^2/NDF : 8.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.011 χ^2/NDF : 19.8/21

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.295+/-0.010 χ^2/NDF : 1902726.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.766+/-0.011 χ^2/NDF : 1855970.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

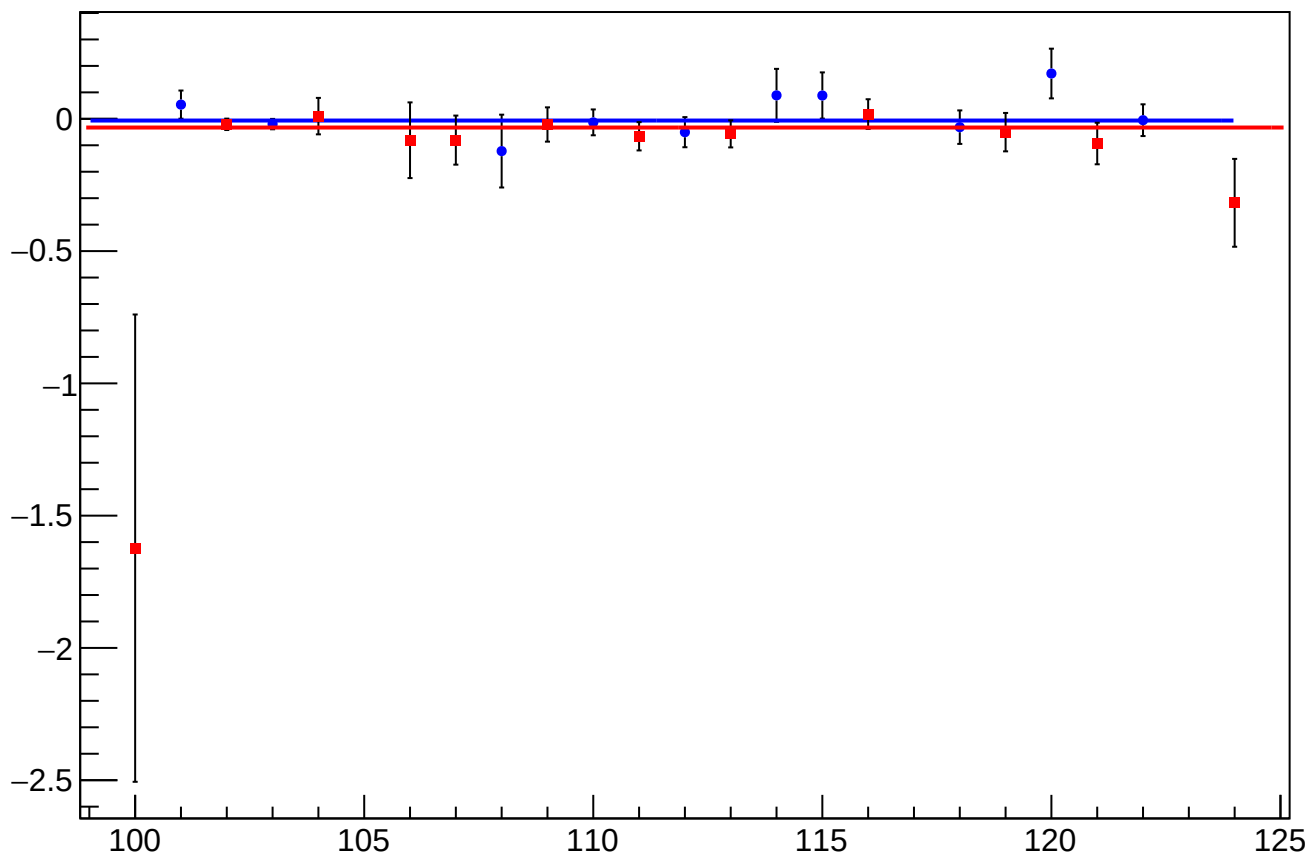
Right: 24.953+/-0.008 χ^2/NDF : 3811616.3/21

In: 23.295+/-0.010 χ^2/NDF : 1902726.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.953+/-0.008 χ^2/NDF : 3811616.3/21

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.015 χ^2/NDF : 8.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.033 ± 0.015 χ^2/NDF : 9.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

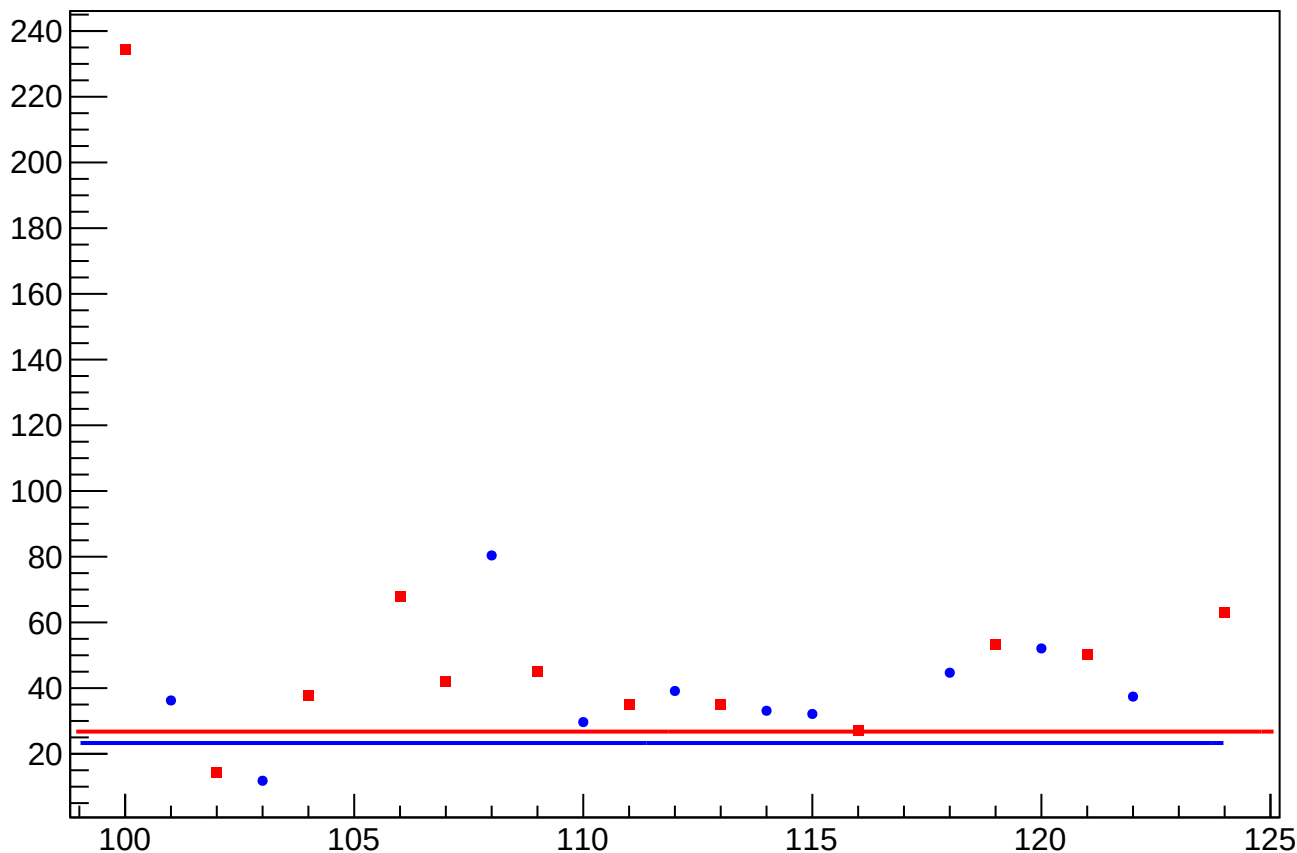
Right: -0.019 ± 0.011 χ^2/NDF : 19.8/21

In: -0.006 ± 0.015 χ^2/NDF : 8.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.011 χ^2/NDF : 19.8/21

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.295+/-0.010 χ^2/NDF : 1902726.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.766+/-0.011 χ^2/NDF : 1855970.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

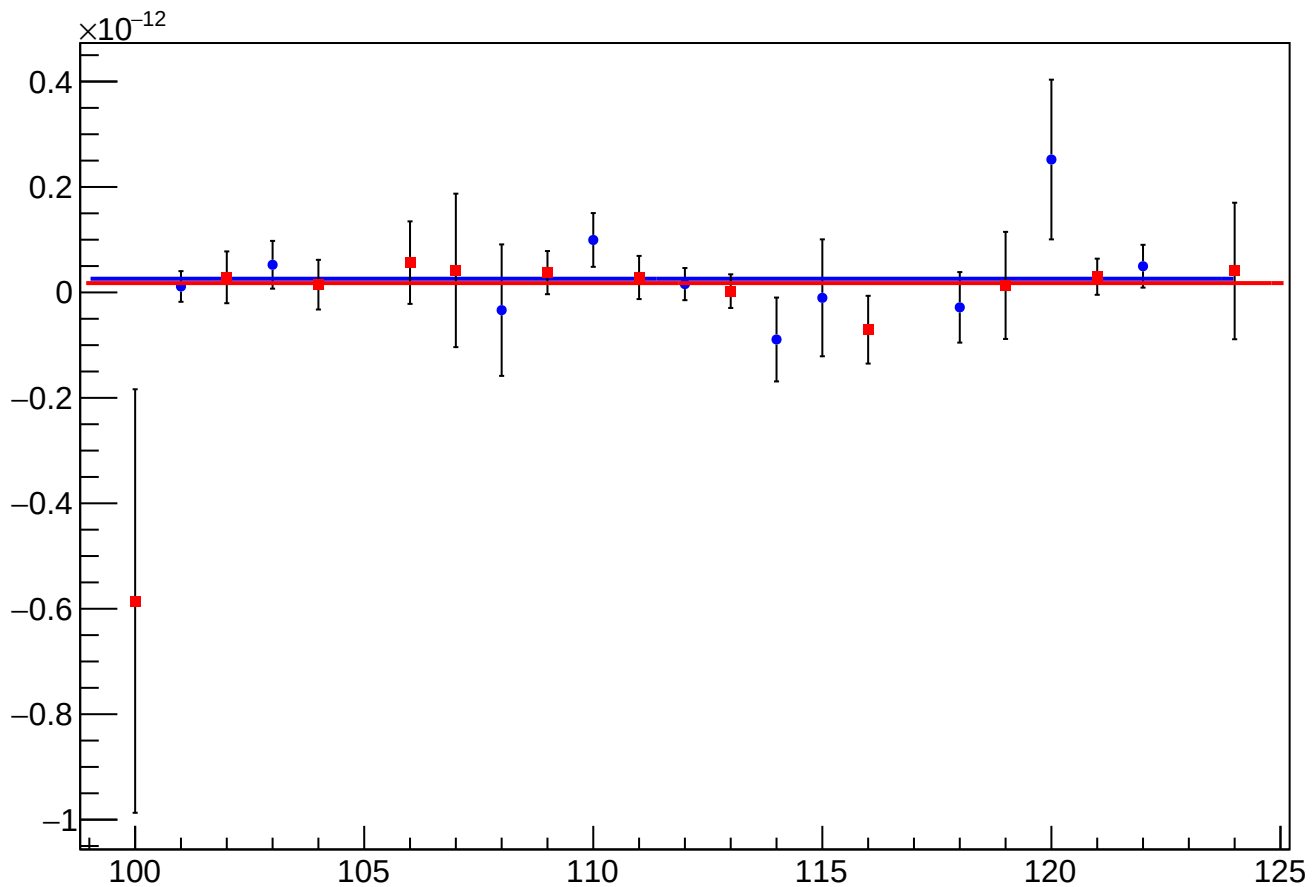
Right: 24.953+/-0.008 χ^2/NDF : 3811616.3/21

In: 23.295+/-0.010 χ^2/NDF : 1902726.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.953+/-0.008 χ^2/NDF : 3811616.3/21

asym_sam_37_avg_eigen_cor_vs_cor_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 : 5.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

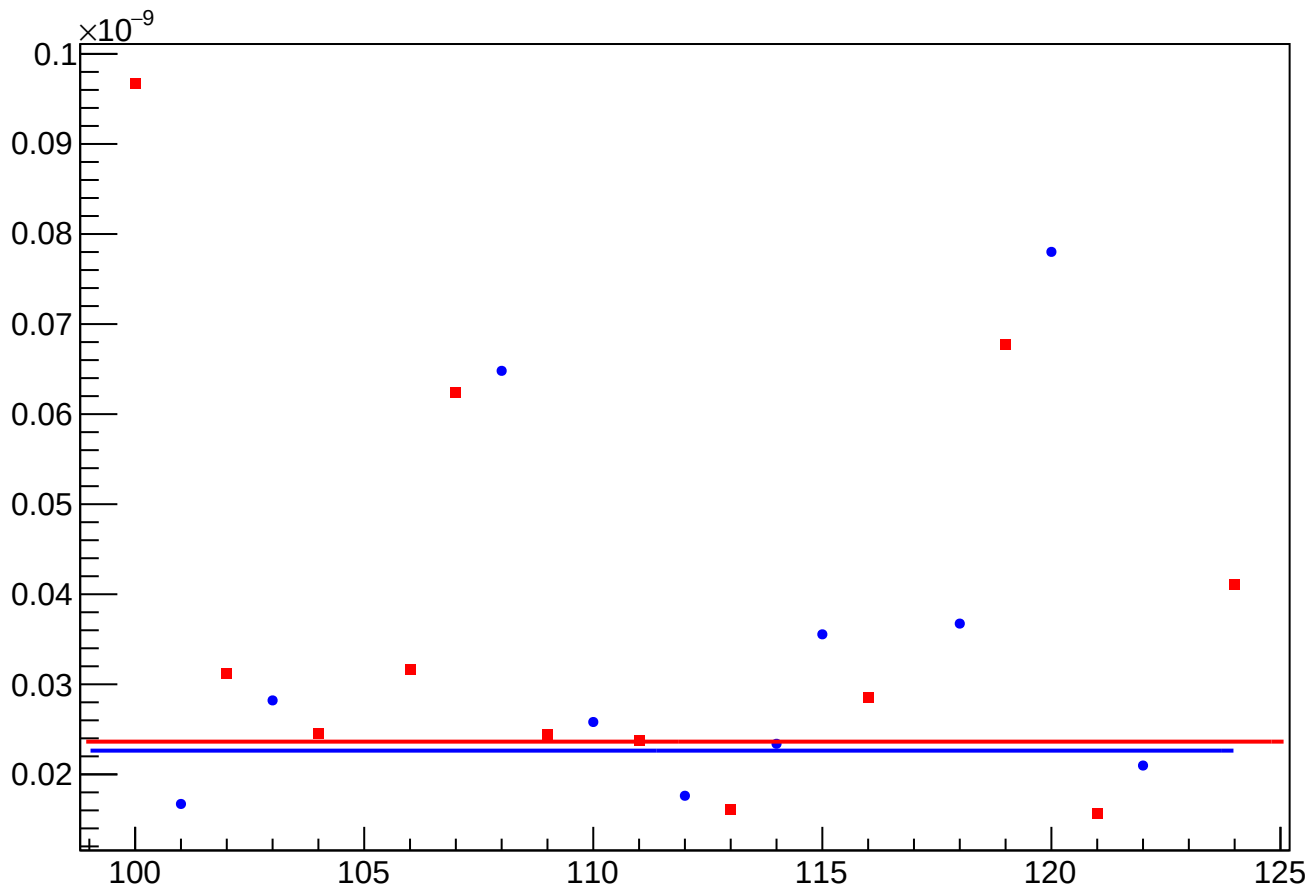
Right: 0.000+/-0.000 χ^2/NDF : 13.8/21

In: 0.000+/-0.000 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.8/21

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 790724.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 923671.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

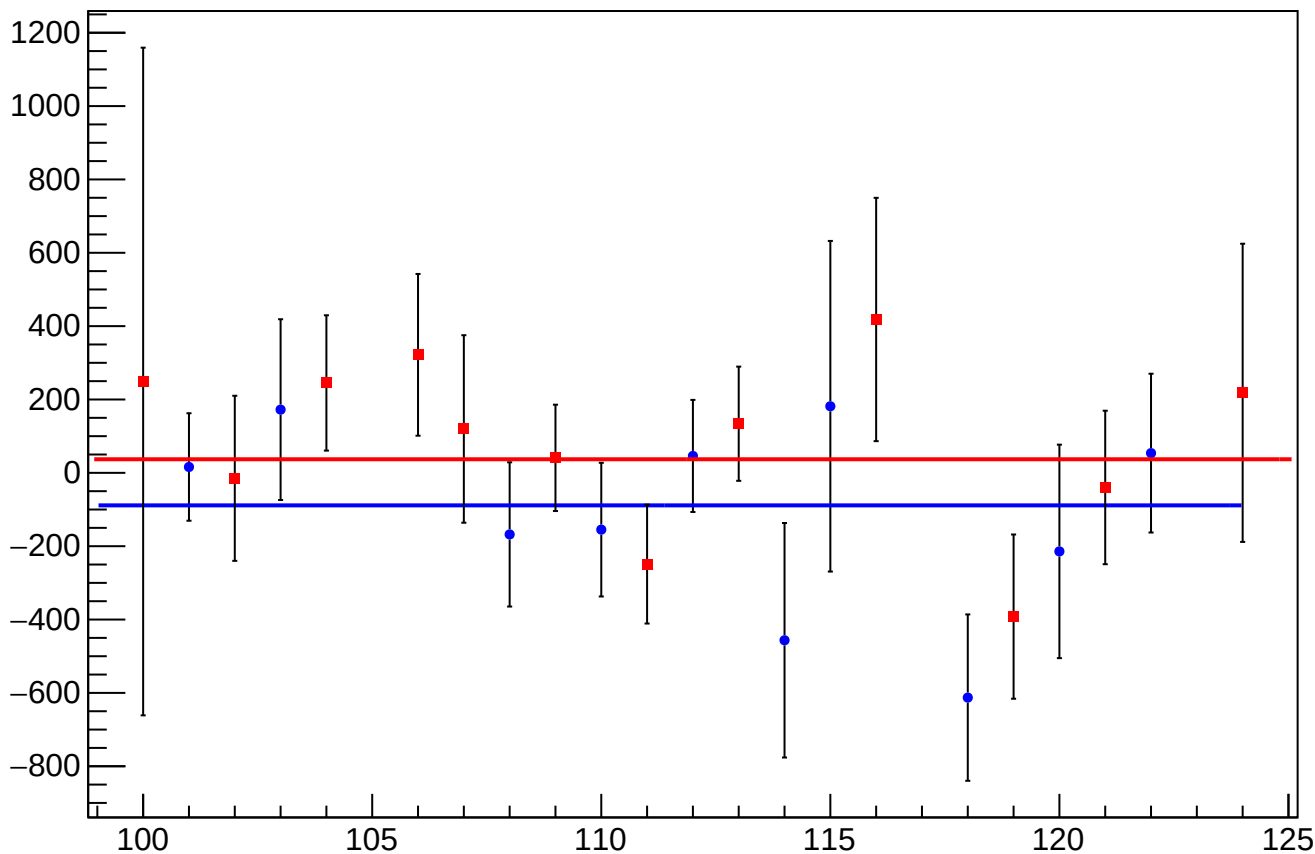
Right: 0.000+/-0.000 χ^2/NDF : 1718794.0/21

In: 0.000+/-0.000 χ^2/NDF : 790724.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1718794.0/21

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -88.661+/-66.070 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 37.049+/-60.743 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

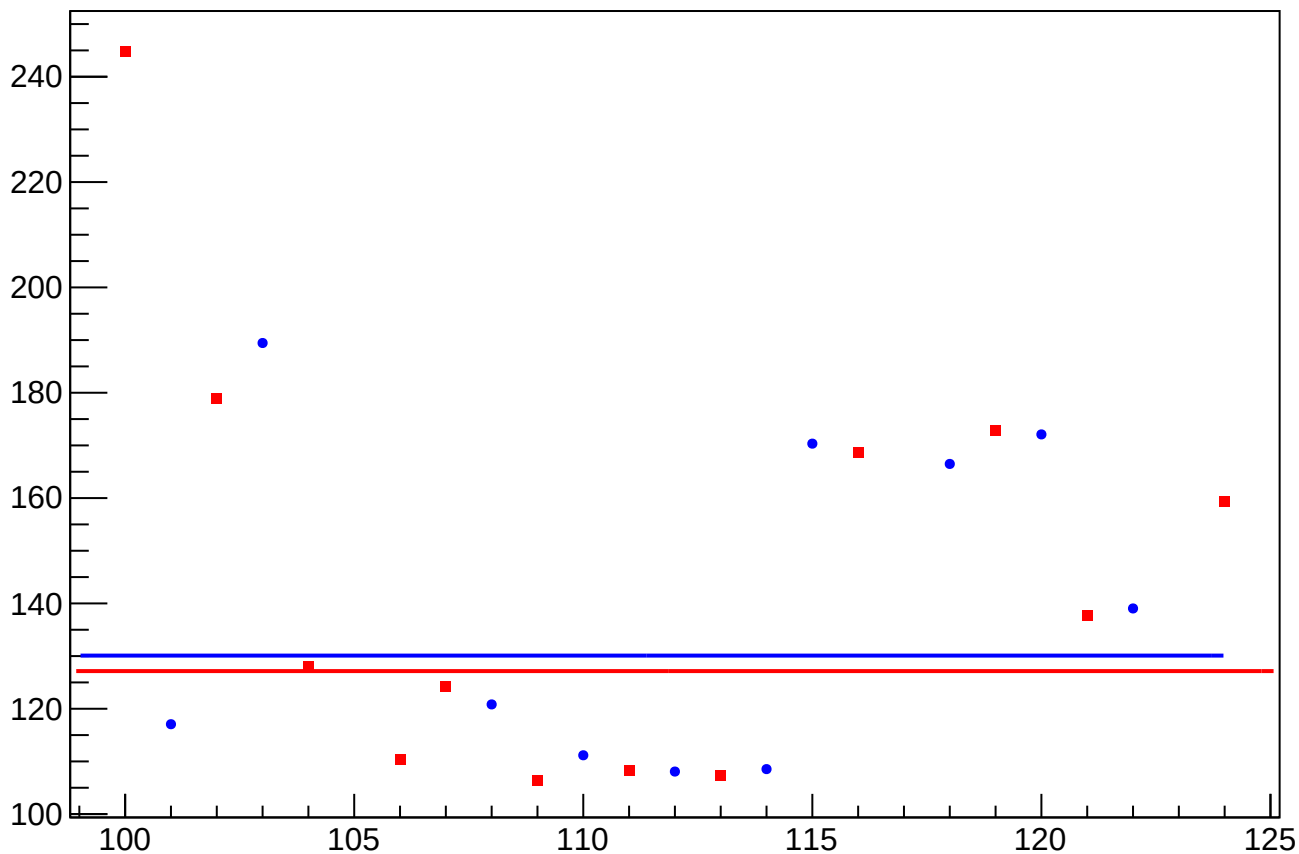
Right: -20.535+/-44.716 χ^2/NDF : 24.3/21

In: -88.661+/-66.070 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.535+/-44.716 χ^2/NDF : 24.3/21

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 130.094+/-0.047 χ^2/NDF : 320897.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.152+/-0.043 χ^2/NDF : 383834.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

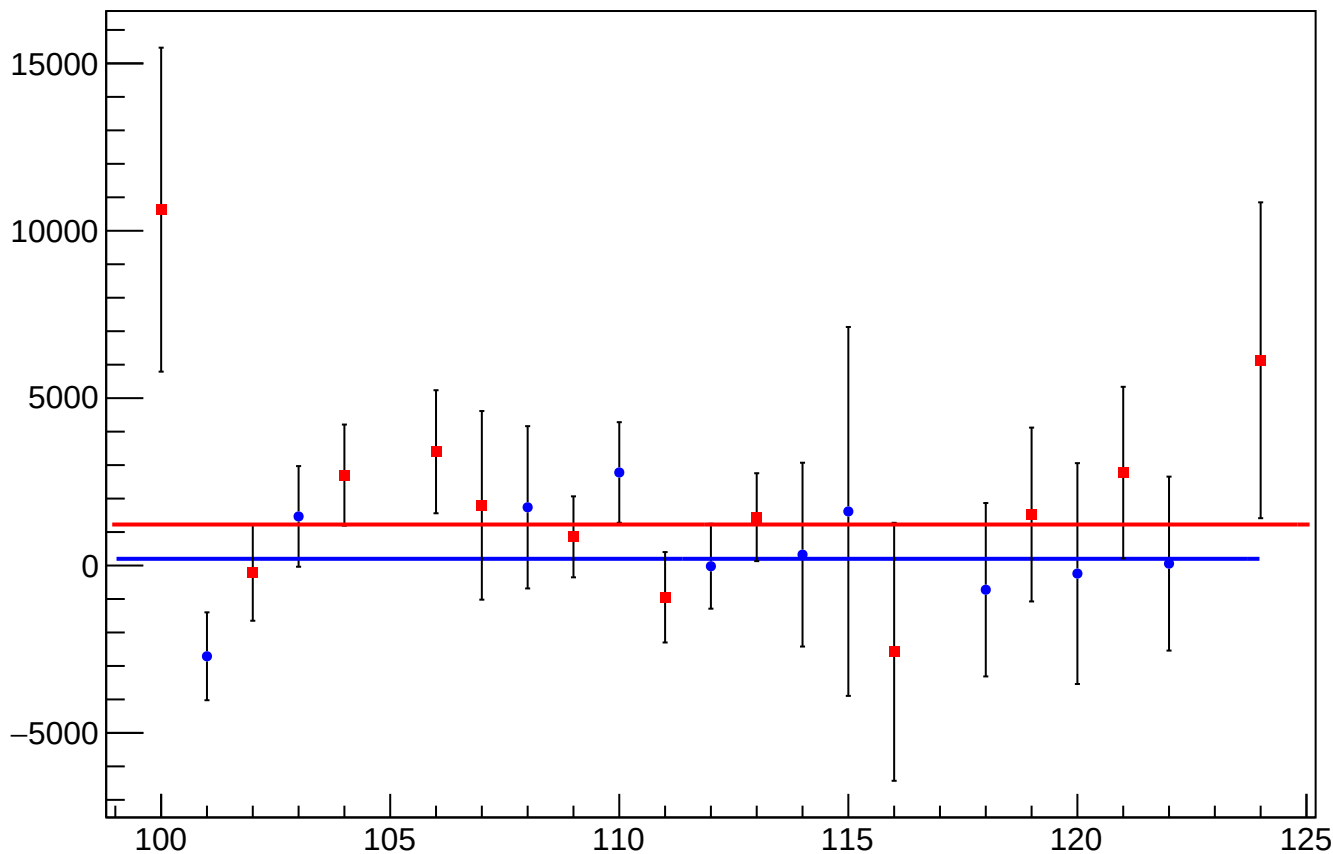
Right: 128.499+/-0.032 χ^2/NDF : 706880.5/21

In: 130.094+/-0.047 χ^2/NDF : 320897.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.499+/-0.032 χ^2/NDF : 706880.5/21

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 200.774+/-596.334 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1225.266+/-526.283 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

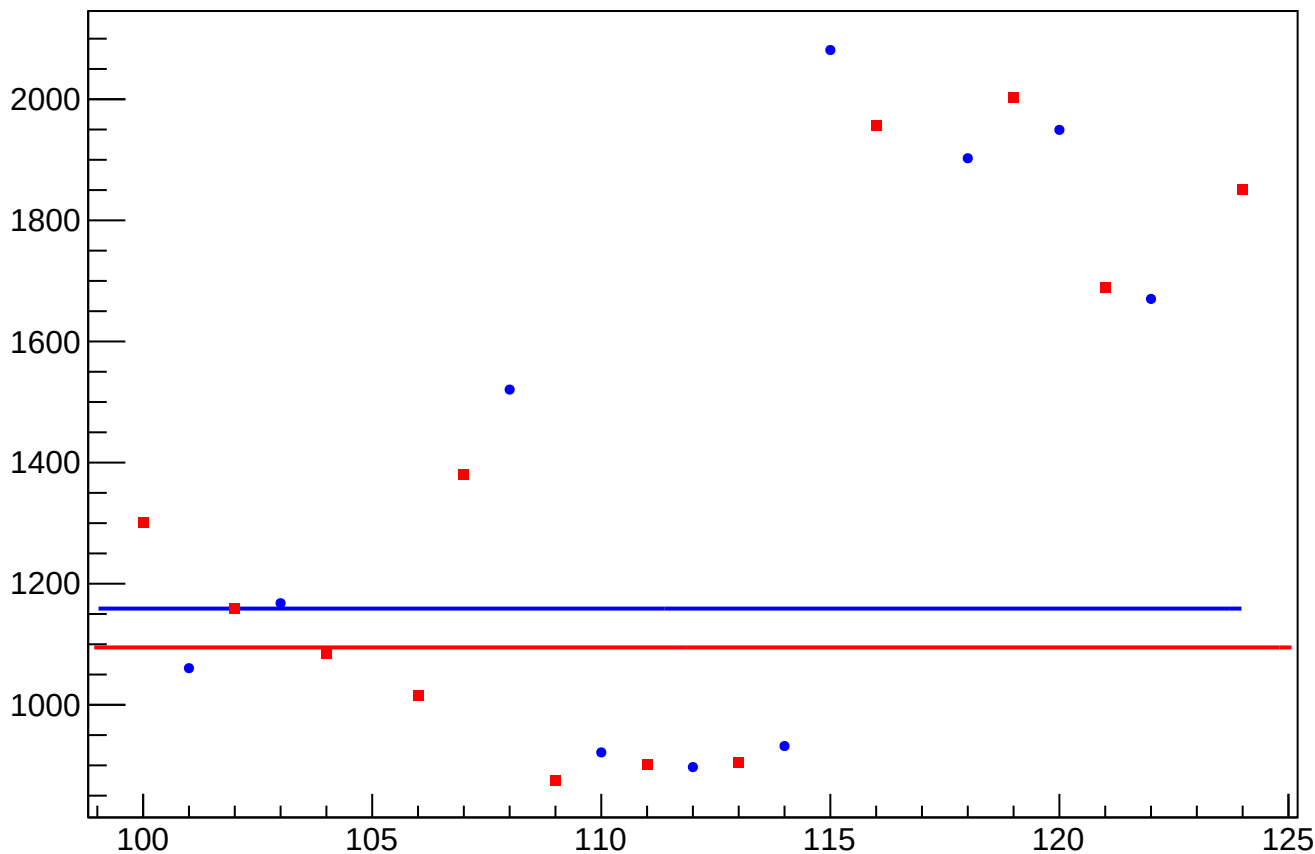
Right: 776.700+/-394.592 χ^2/NDF : 23.2/21

In: 200.774+/-596.334 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.700+/-394.592 χ^2/NDF : 23.2/21

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1158.930+/-0.422 χ^2/NDF : 617795.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1094.756+/-0.372 χ^2/NDF : 684162.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

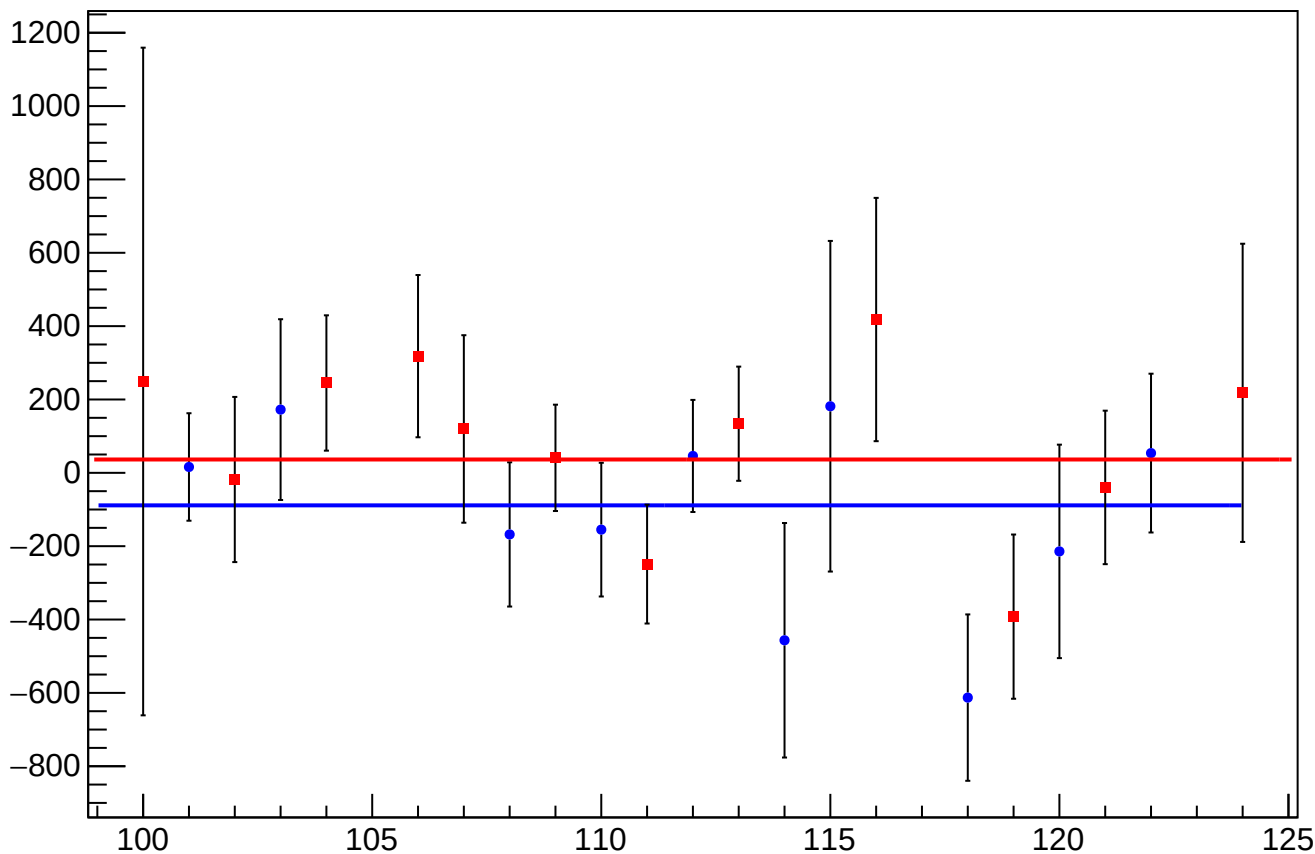
Right: 1122.854+/-0.279 χ^2/NDF : 1314978.6/21

In: 1158.930+/-0.422 χ^2/NDF :617795.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1122.854+/-0.279 χ^2/NDF : 1314978.6/21

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -88.680 $\pm$ 66.070 χ^2 /NDF: 10.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.393 $\pm$ 60.759 χ^2 /NDF: 11.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

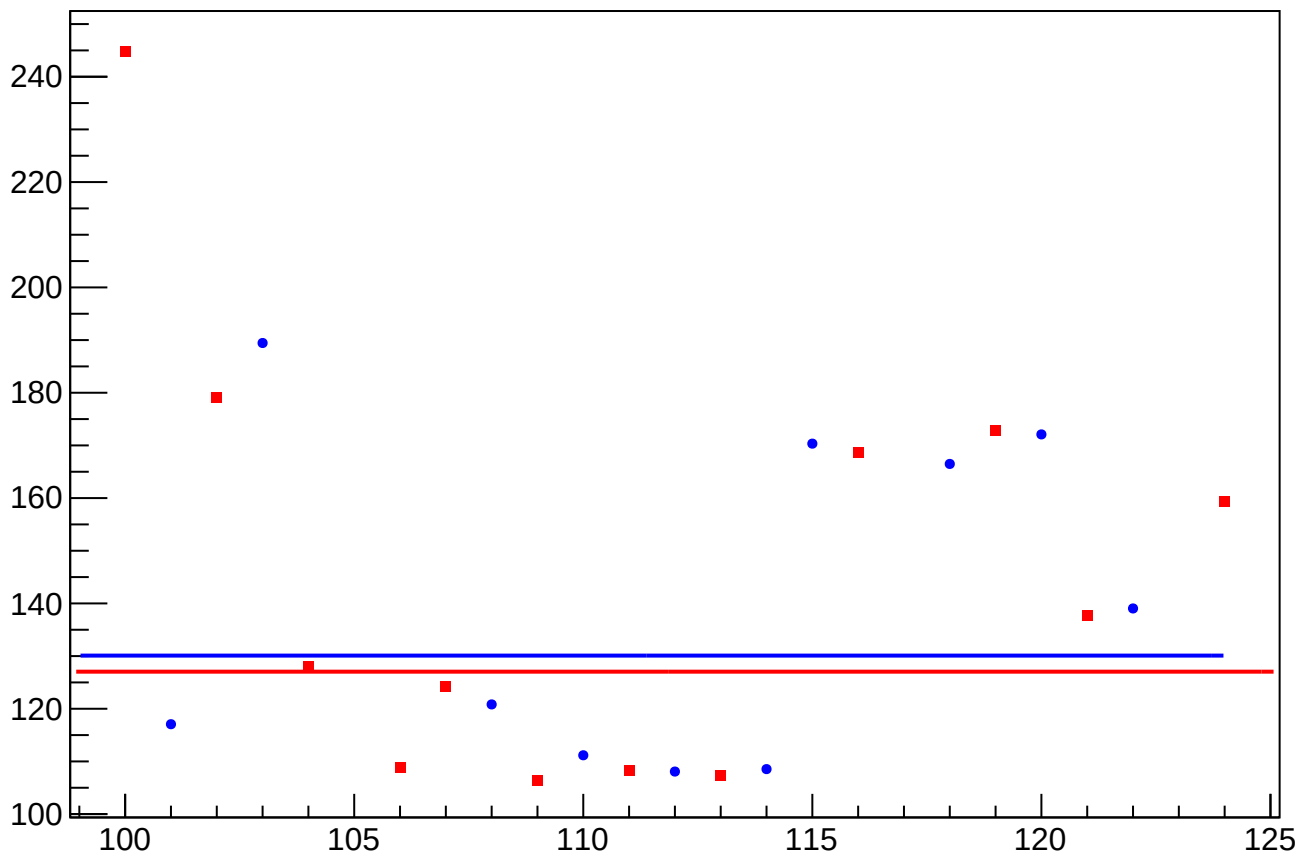
Right: -20.916 $\pm$ 44.723 χ^2 /NDF: 24.2/21

In: -88.680 $\pm$ 66.070 χ^2 /NDF:10.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.916 $\pm$ 44.723 χ^2 /NDF: 24.2/21

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 130.094+/-0.047 χ^2/NDF : 320900.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.041+/-0.043 χ^2/NDF : 386273.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

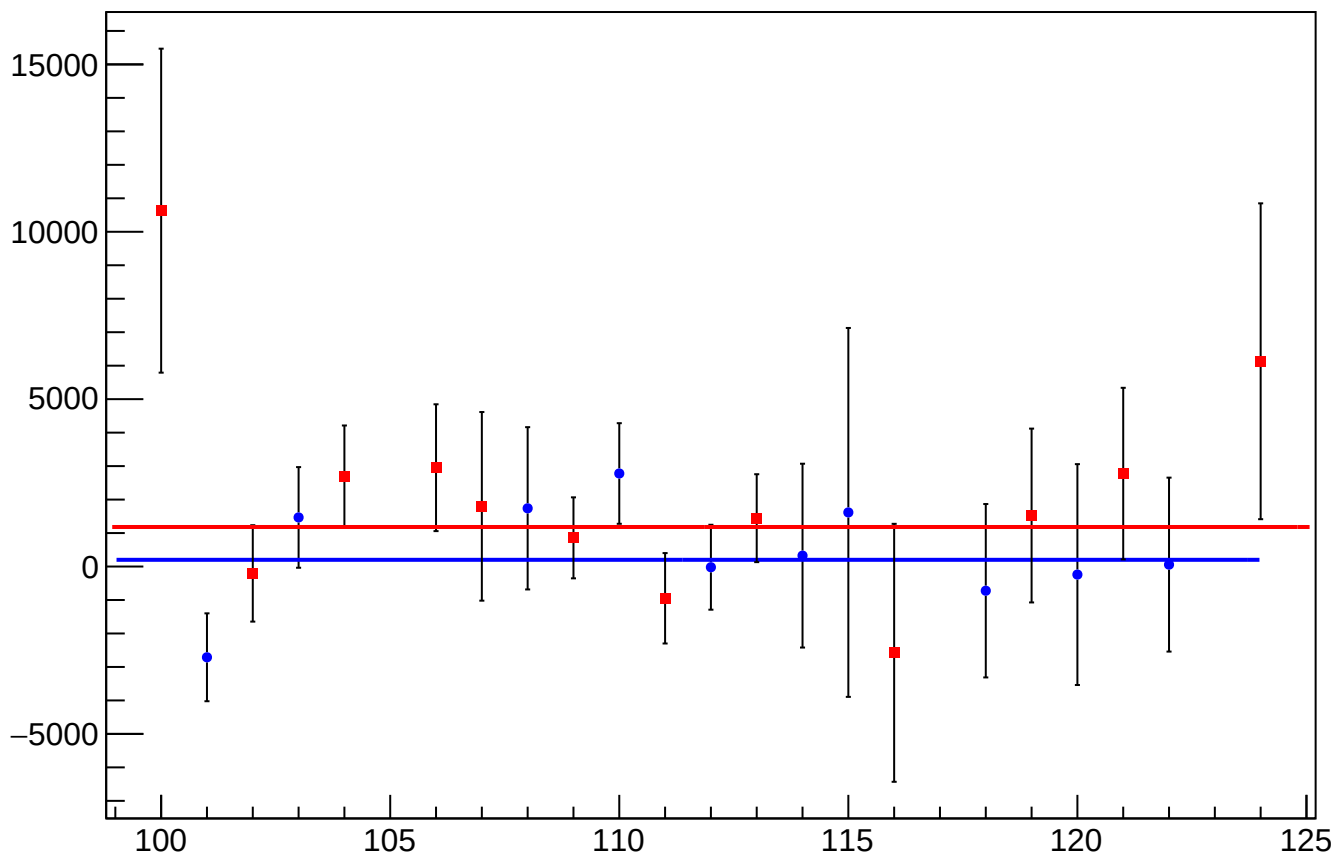
Right: 128.440+/-0.032 χ^2/NDF : 709486.8/21

In: 130.094+/-0.047 χ^2/NDF : 320900.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.440+/-0.032 χ^2/NDF : 709486.8/21

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 200.680+/-596.343 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1181.154+/-527.594 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

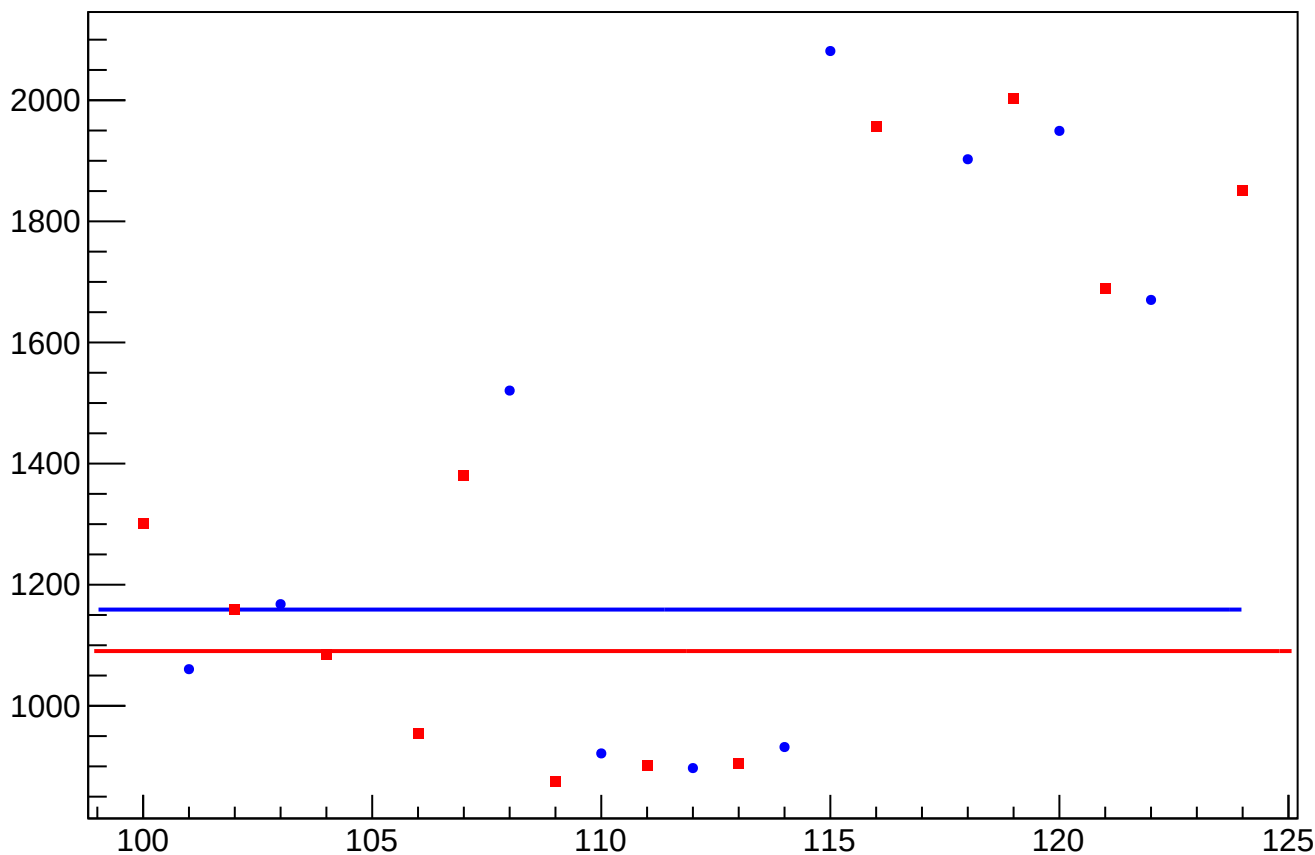
Right: 750.667+/-395.146 χ^2/NDF : 22.5/21

In: 200.680+/-596.343 χ^2/NDF :9.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 750.667+/-395.146 χ^2/NDF : 22.5/21

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1158.946+/-0.422 χ^2/NDF : 617795.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1090.412+/-0.373 χ^2/NDF : 691450.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

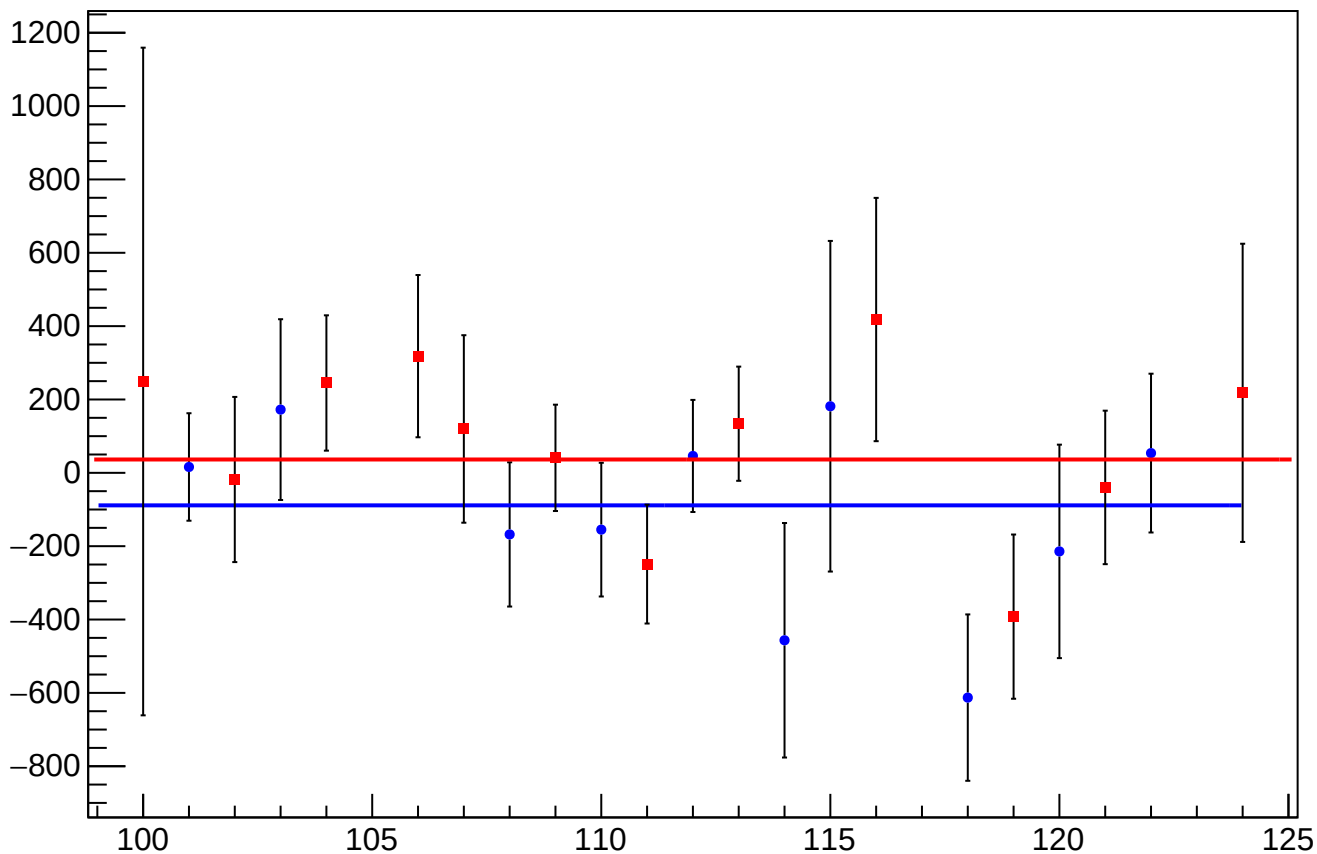
Right: 1120.503+/-0.279 χ^2/NDF : 1324063.3/21

In: 1158.946+/-0.422 χ^2/NDF : 617795.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1120.503+/-0.279 χ^2/NDF : 1324063.3/21

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -88.680+/-66.070 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.393+/-60.759 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

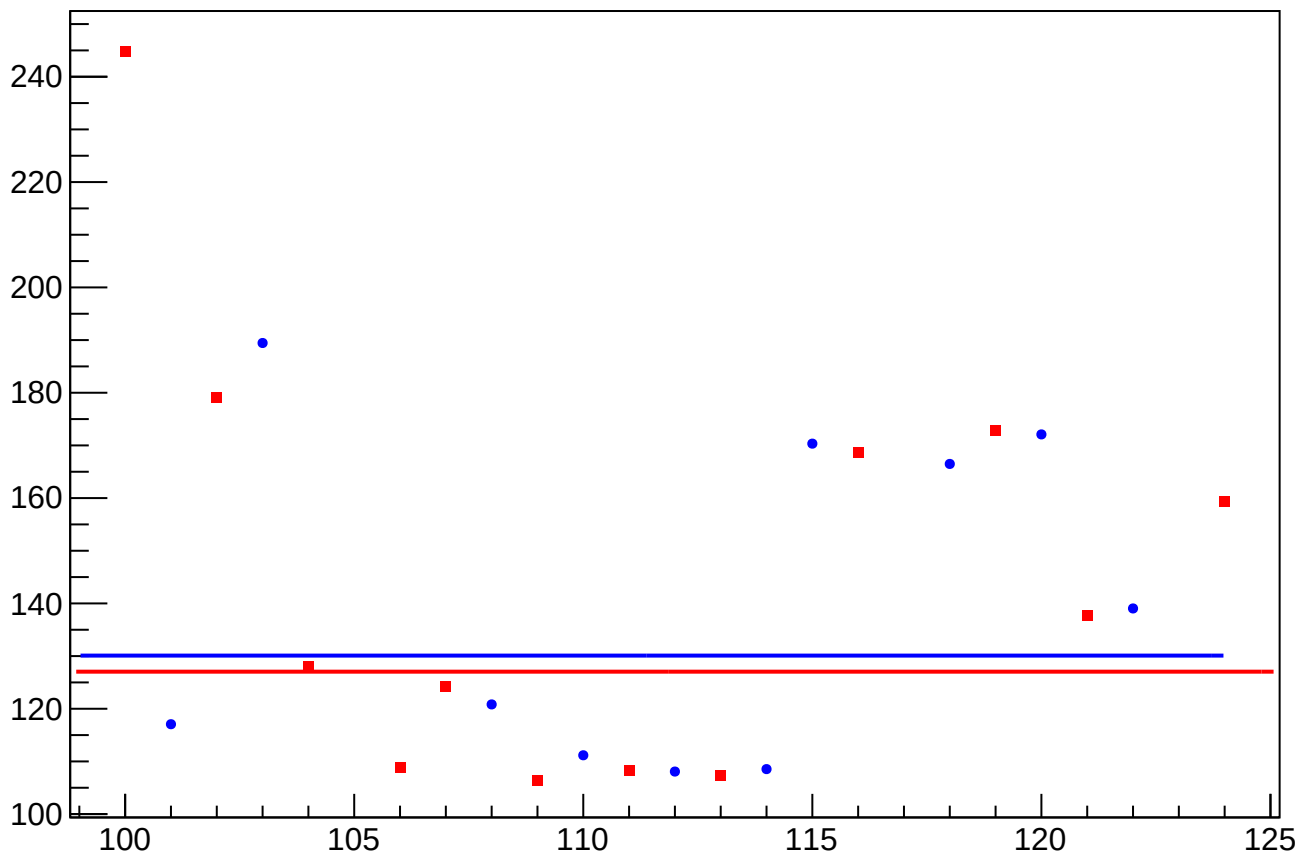
Right: -20.916+/-44.723 χ^2/NDF : 24.2/21

In: -88.680+/-66.070 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.916+/-44.723 χ^2/NDF : 24.2/21

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 130.094+/-0.047 χ^2/NDF : 320900.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.041+/-0.043 χ^2/NDF : 386273.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

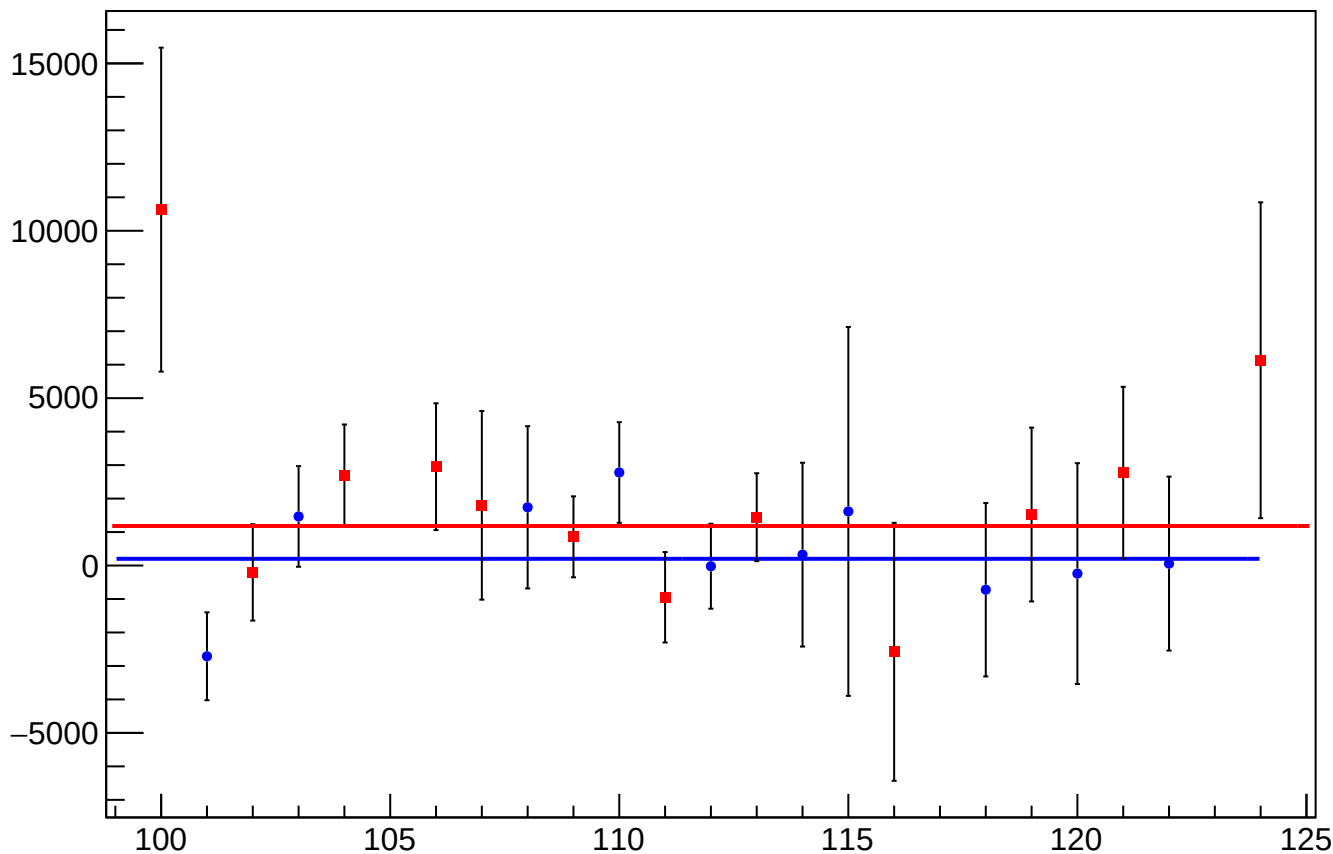
Right: 128.440+/-0.032 χ^2/NDF : 709486.8/21

In: 130.094+/-0.047 χ^2/NDF : 320900.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.440+/-0.032 χ^2/NDF : 709486.8/21

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 200.680+/-596.343 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1181.154+/-527.594 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

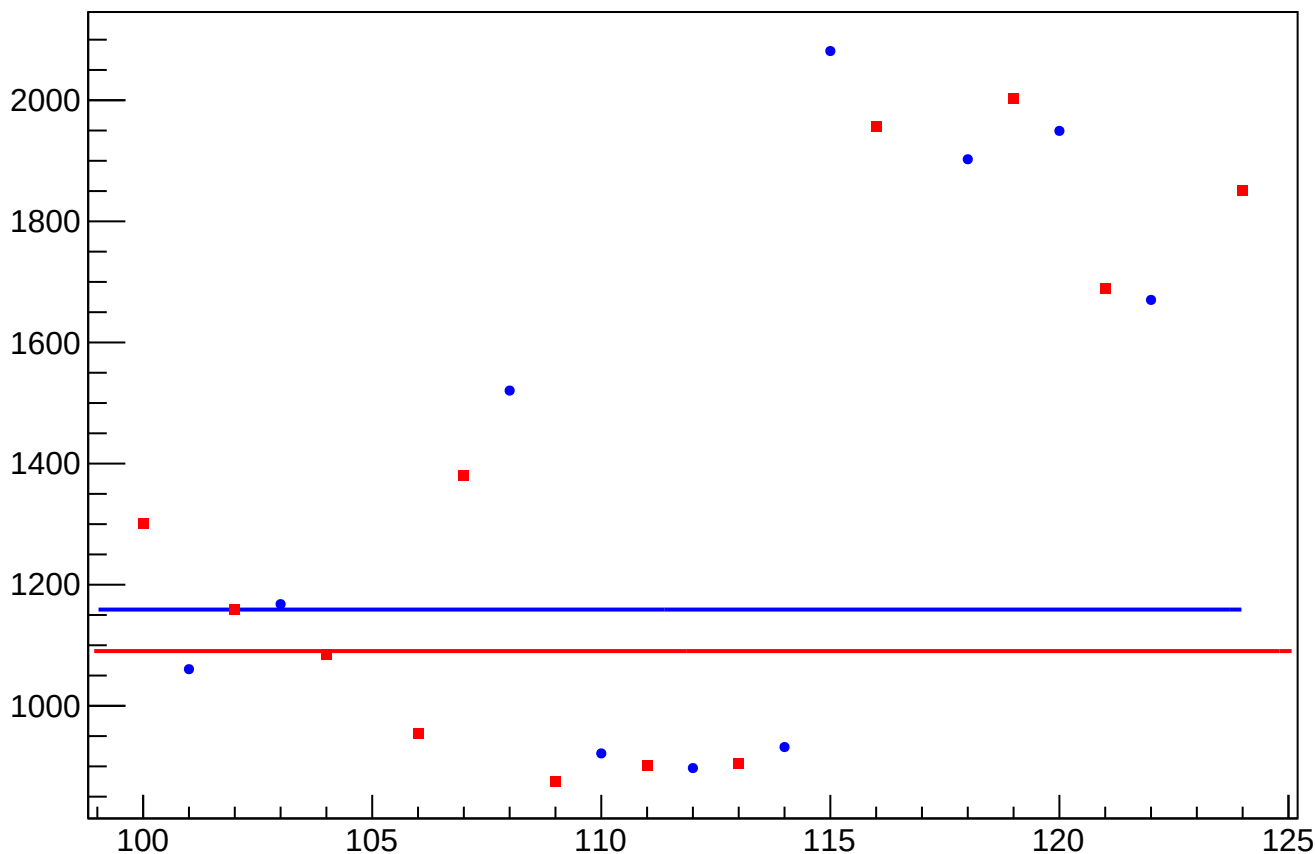
Right: 750.667+/-395.146 χ^2/NDF : 22.5/21

In: 200.680+/-596.343 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.667+/-395.146 χ^2/NDF : 22.5/21

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1158.946+/-0.422 χ^2/NDF : 617795.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1090.412+/-0.373 χ^2/NDF : 691450.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

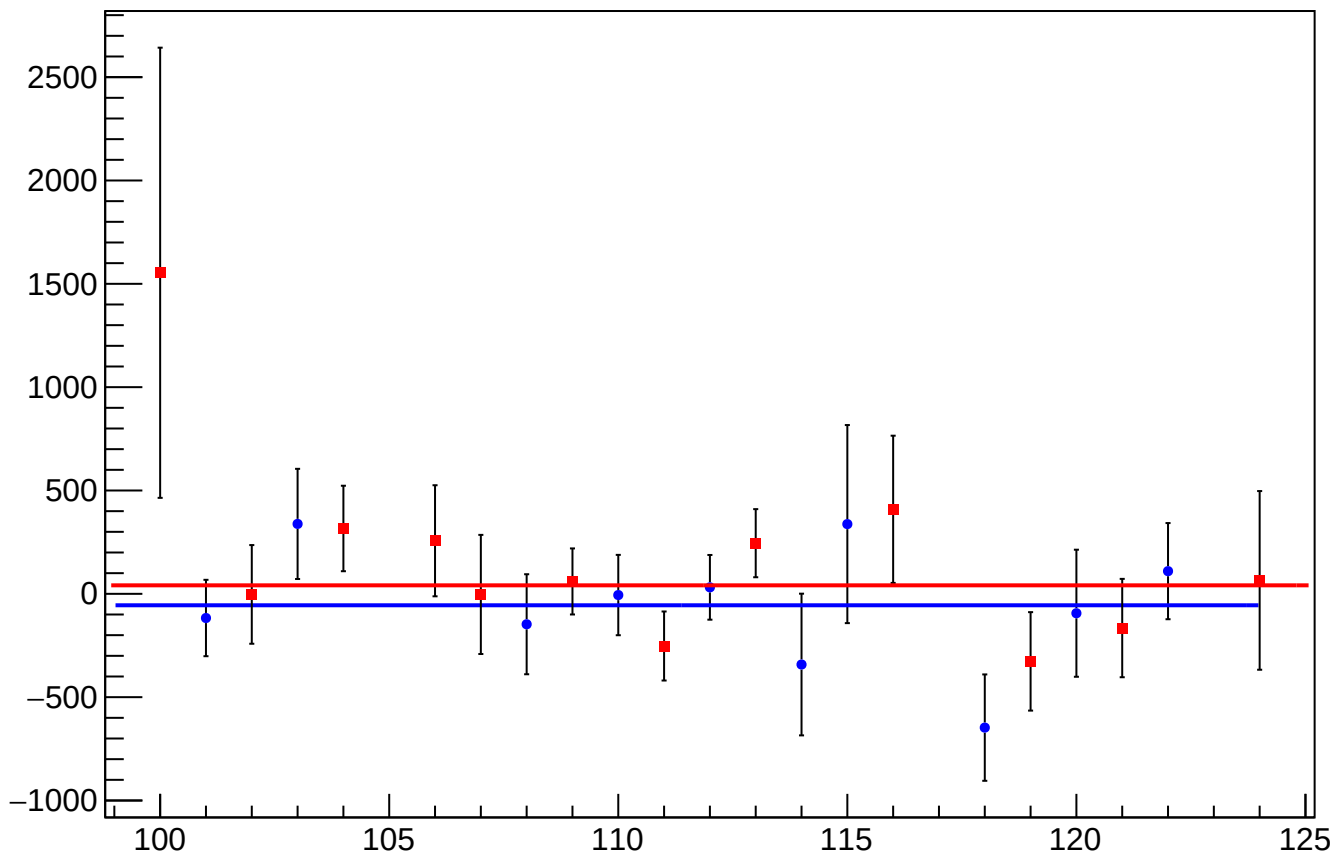
Right: 1120.503+/-0.279 χ^2/NDF : 1324063.3/21

In: 1158.946+/-0.422 χ^2/NDF :617795.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1120.503+/-0.279 χ^2/NDF : 1324063.3/21

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -55.370+/-73.577 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 41.141+/-66.226 χ^2/NDF : 13.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

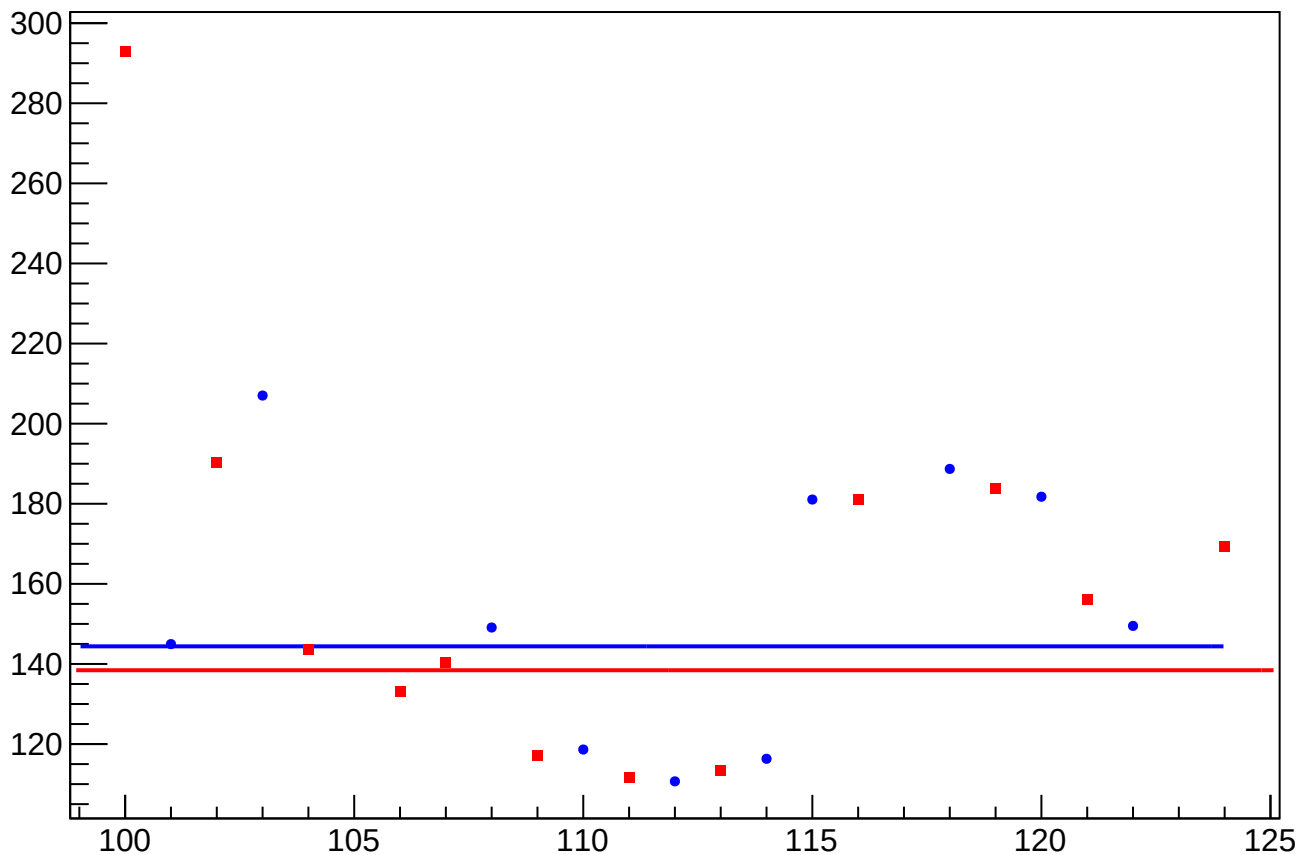
Right: -2.054+/-49.223 χ^2/NDF : 24.2/21

In: -55.370+/-73.577 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.054+/-49.223 χ^2/NDF : 24.2/21

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 144.400 $\pm$ 0.052 χ^2 /NDF: 353915.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138.433 $\pm$ 0.047 χ^2 /NDF: 392603.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

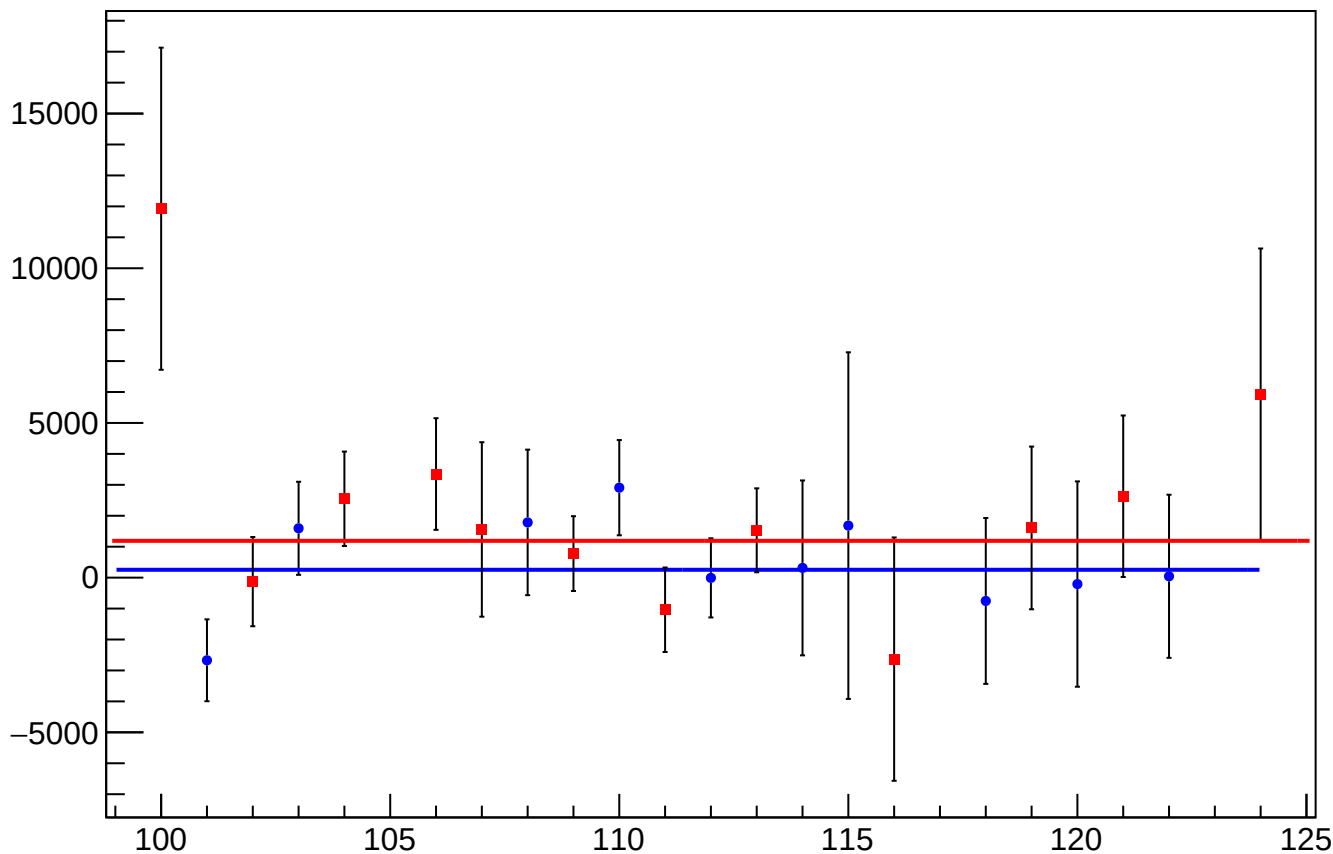
Right: 141.103 $\pm$ 0.035 χ^2 /NDF: 753786.0/21

In: 144.400 $\pm$ 0.052 χ^2 /NDF:353915.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.103 $\pm$ 0.035 χ^2 /NDF: 753786.0/21

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 254.322 $\pm$ 602.215 χ^2 /NDF: 9.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1189.948 $\pm$ 531.148 χ^2 /NDF: 12.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

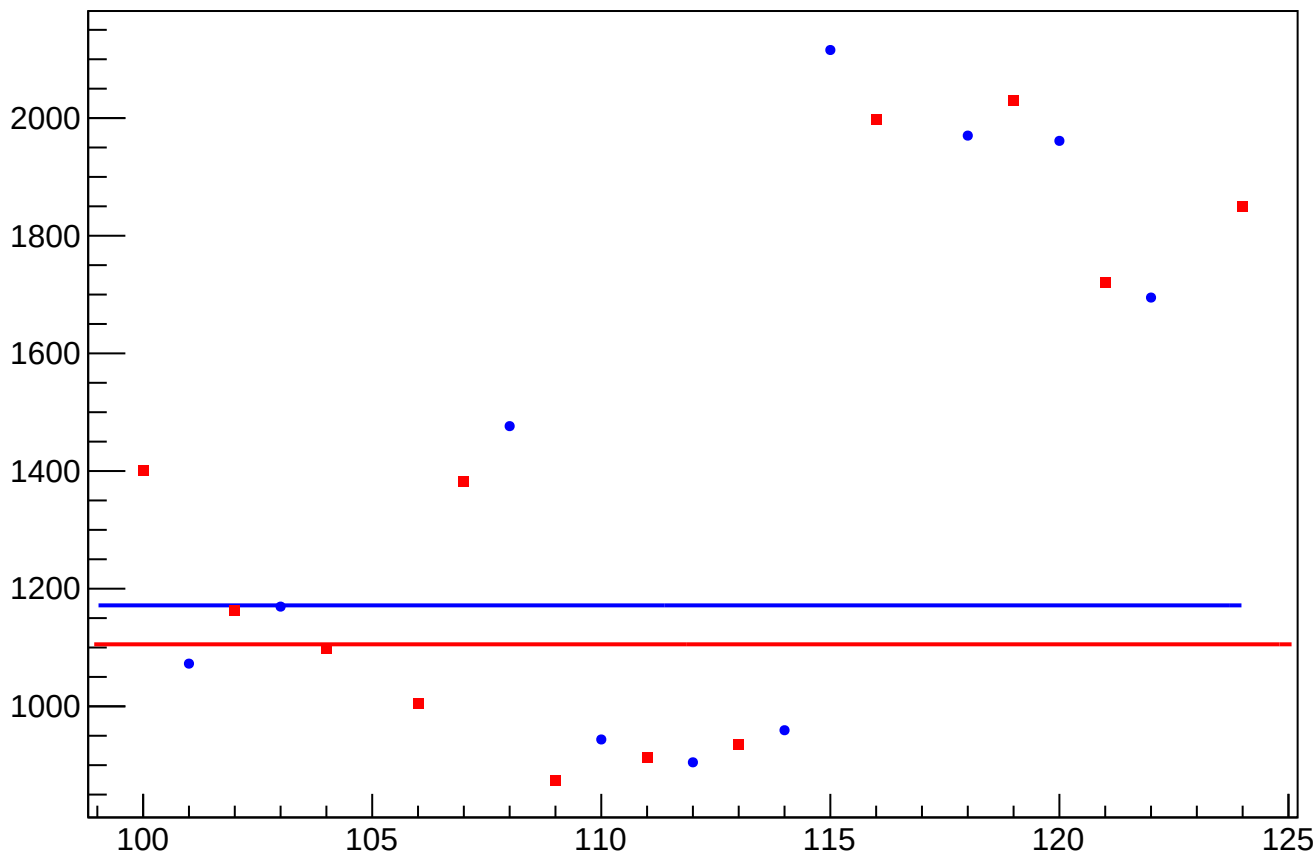
Right: 780.573 $\pm$ 398.347 χ^2 /NDF: 23.2/21

In: 254.322 $\pm$ 602.215 χ^2 /NDF:9.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 780.573 $\pm$ 398.347 χ^2 /NDF: 23.2/21

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1171.633+/-0.426 χ^2/NDF : 613159.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.439+/-0.376 χ^2/NDF : 690090.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

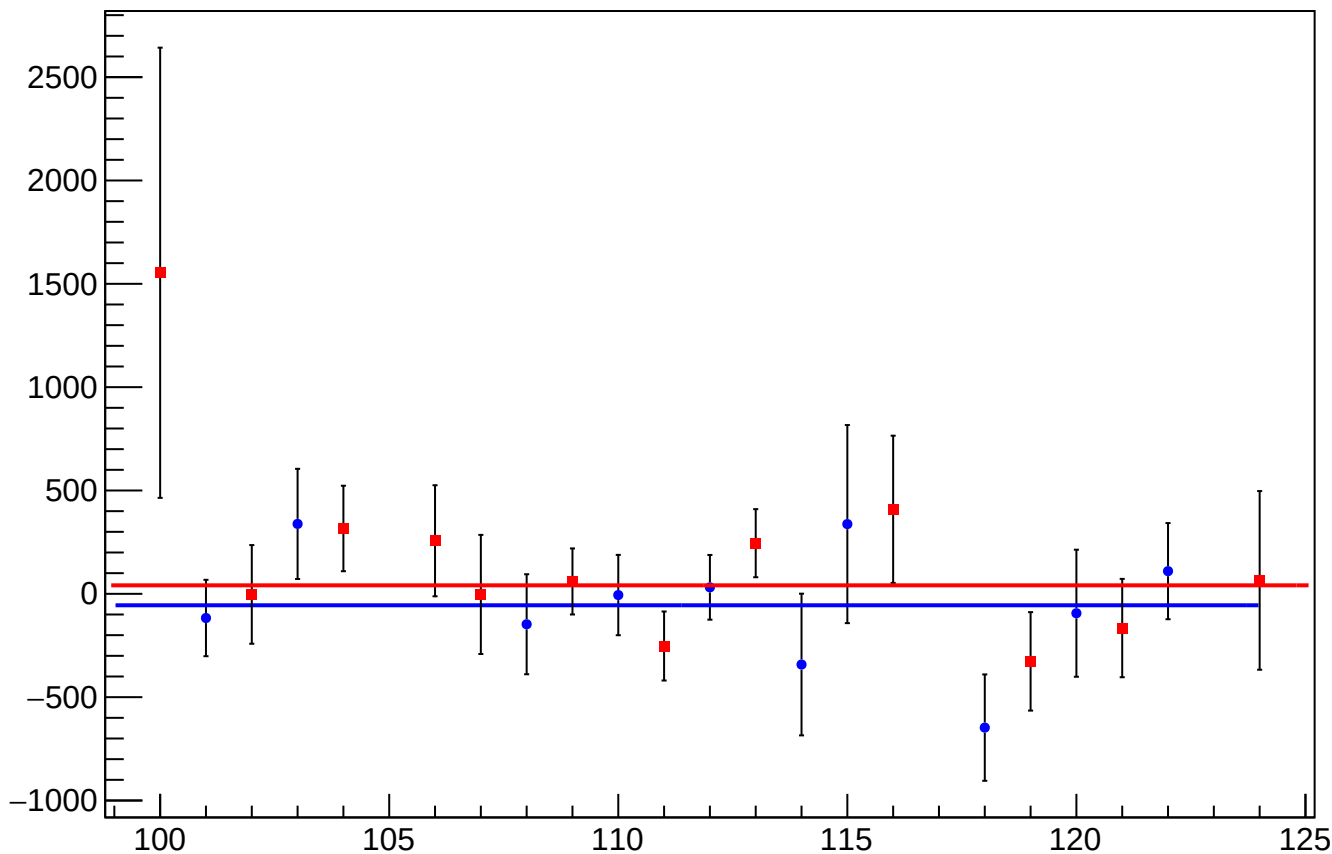
Right: 1134.401+/-0.282 χ^2/NDF : 1316840.8/21

In: 1171.633+/-0.426 χ^2/NDF : 613159.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1134.401+/-0.282 χ^2/NDF : 1316840.8/21

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -55.370+/-73.577 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 41.140+/-66.226 χ^2/NDF : 13.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

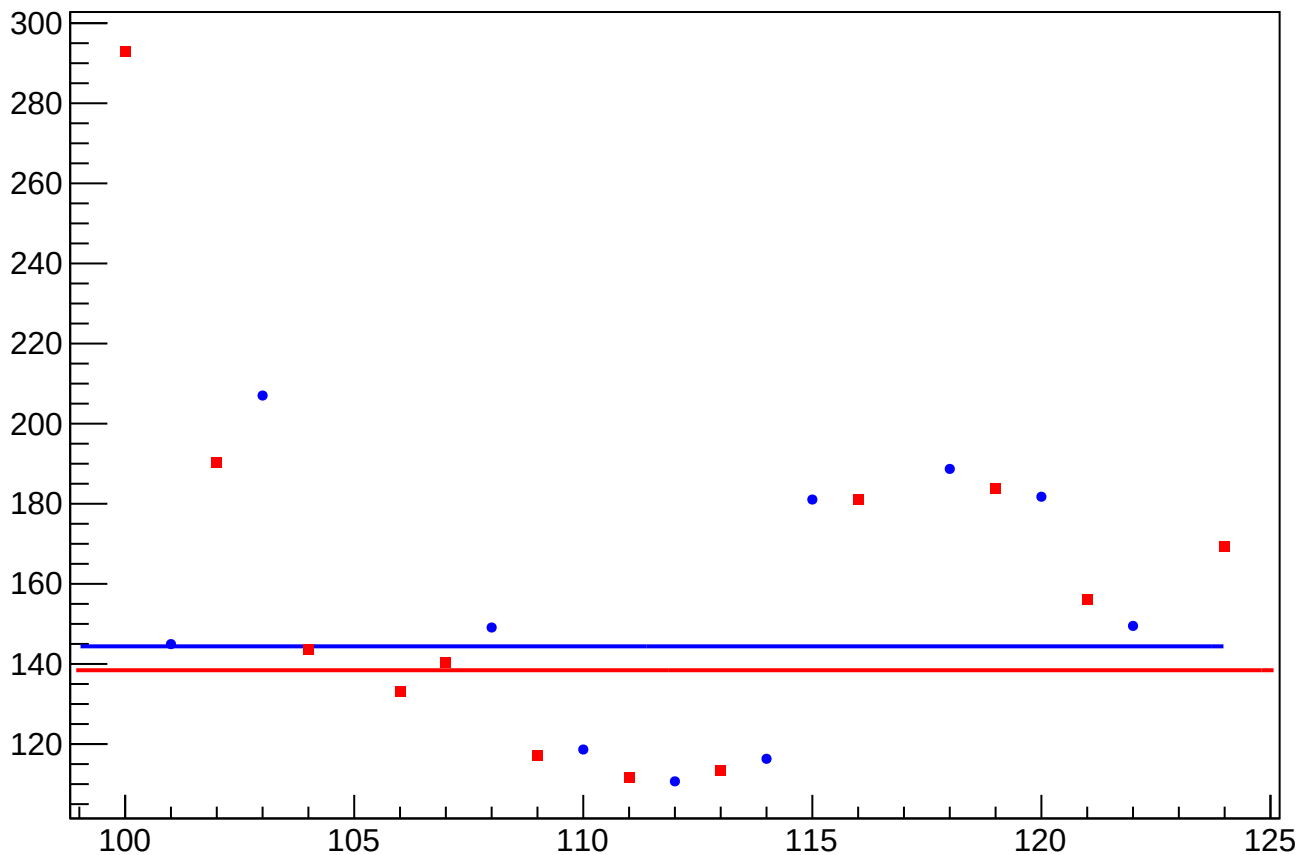
Right: -2.054+/-49.223 χ^2/NDF : 24.2/21

In: -55.370+/-73.577 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.054+/-49.223 χ^2/NDF : 24.2/21

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 144.400+/-0.052 χ^2/NDF : 353920.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.433+/-0.047 χ^2/NDF : 392605.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

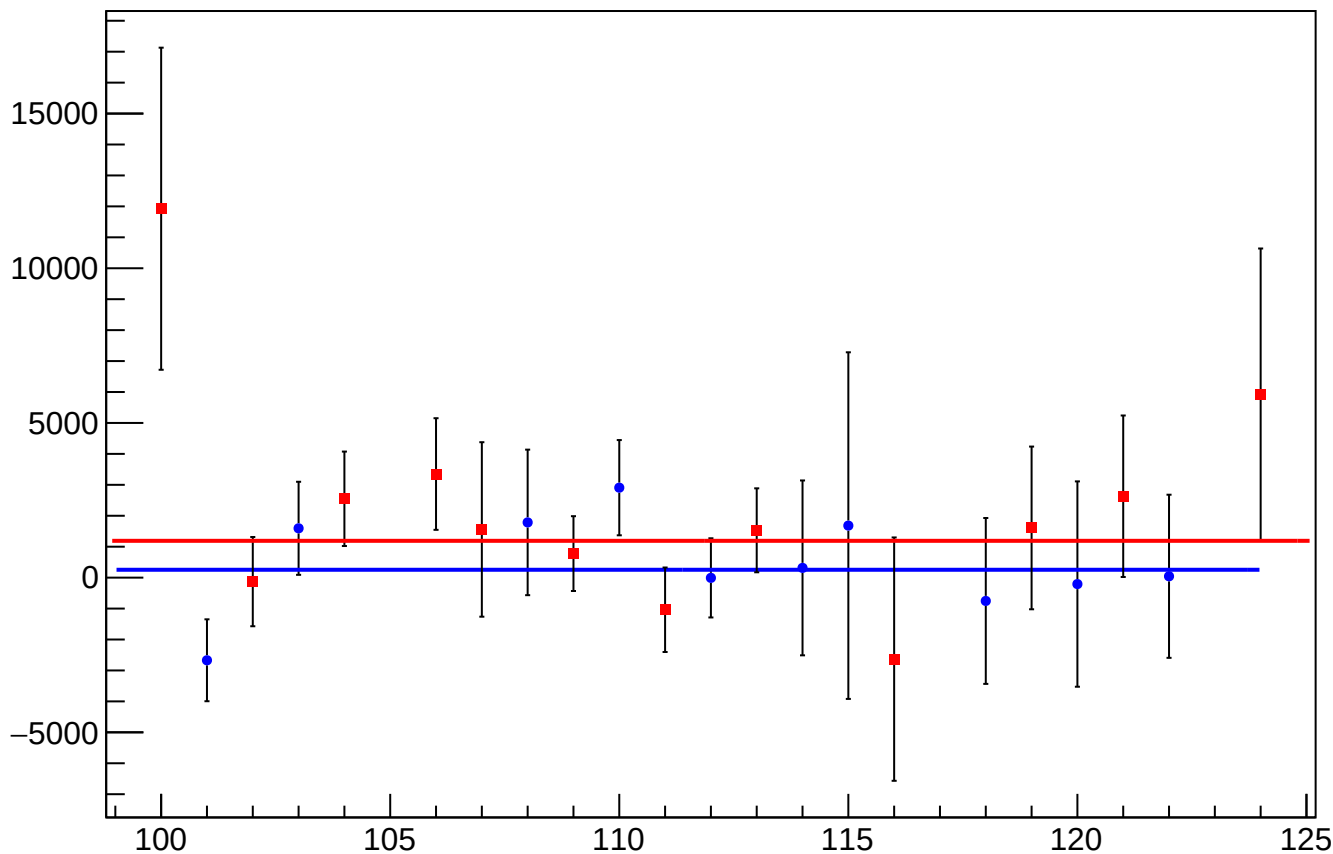
Right: 141.103+/-0.035 χ^2/NDF : 753793.3/21

In: 144.400+/-0.052 χ^2/NDF : 353920.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.103+/-0.035 χ^2/NDF : 753793.3/21

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 254.322 $\pm$ 602.215 χ^2 /NDF: 9.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1189.947 $\pm$ 531.148 χ^2 /NDF: 12.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

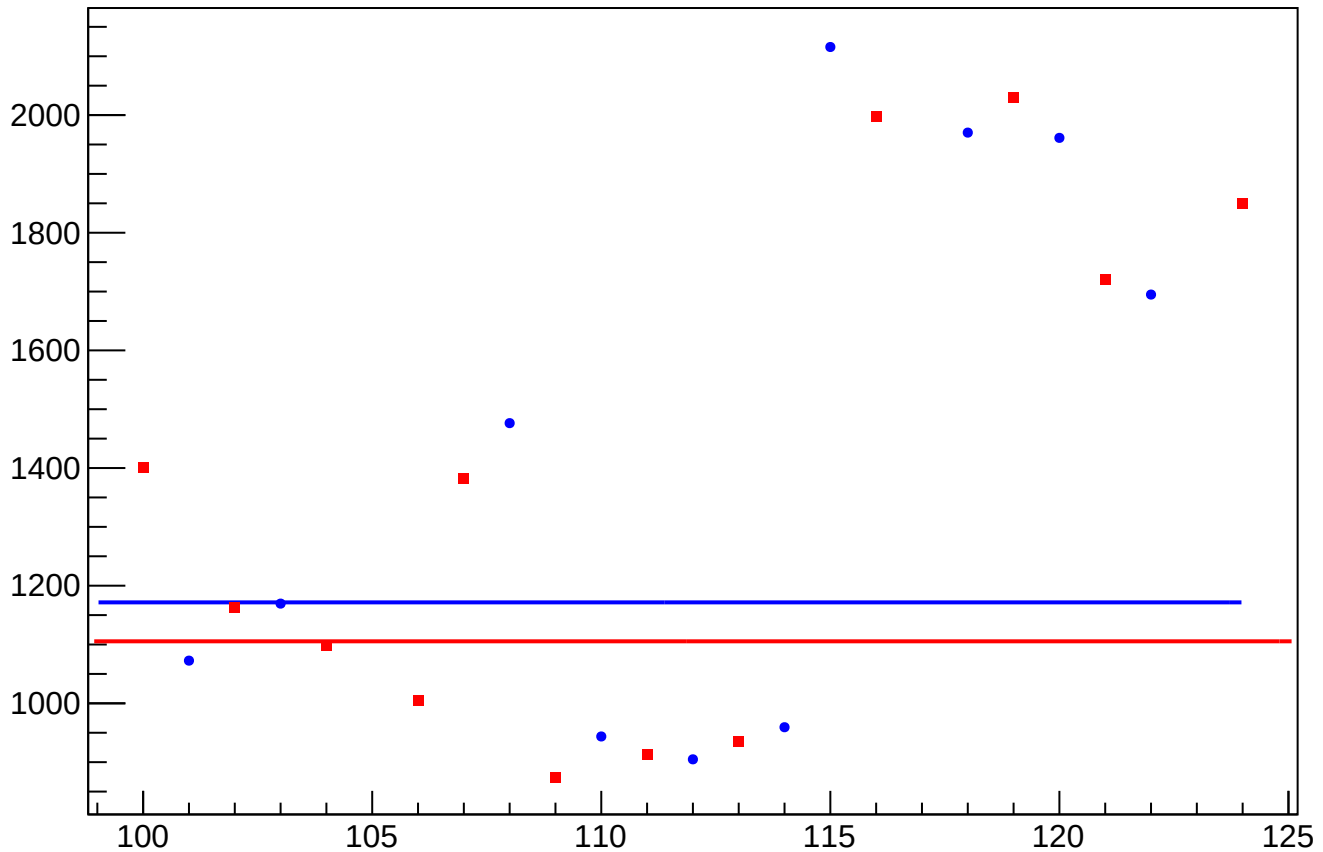
Right: 780.572 $\pm$ 398.346 χ^2 /NDF: 23.2/21

In: 254.322 $\pm$ 602.215 χ^2 /NDF:9.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 780.572 $\pm$ 398.346 χ^2 /NDF: 23.2/21

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1171.632+/-0.426 χ^2/NDF : 613161.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.437+/-0.376 χ^2/NDF : 690092.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

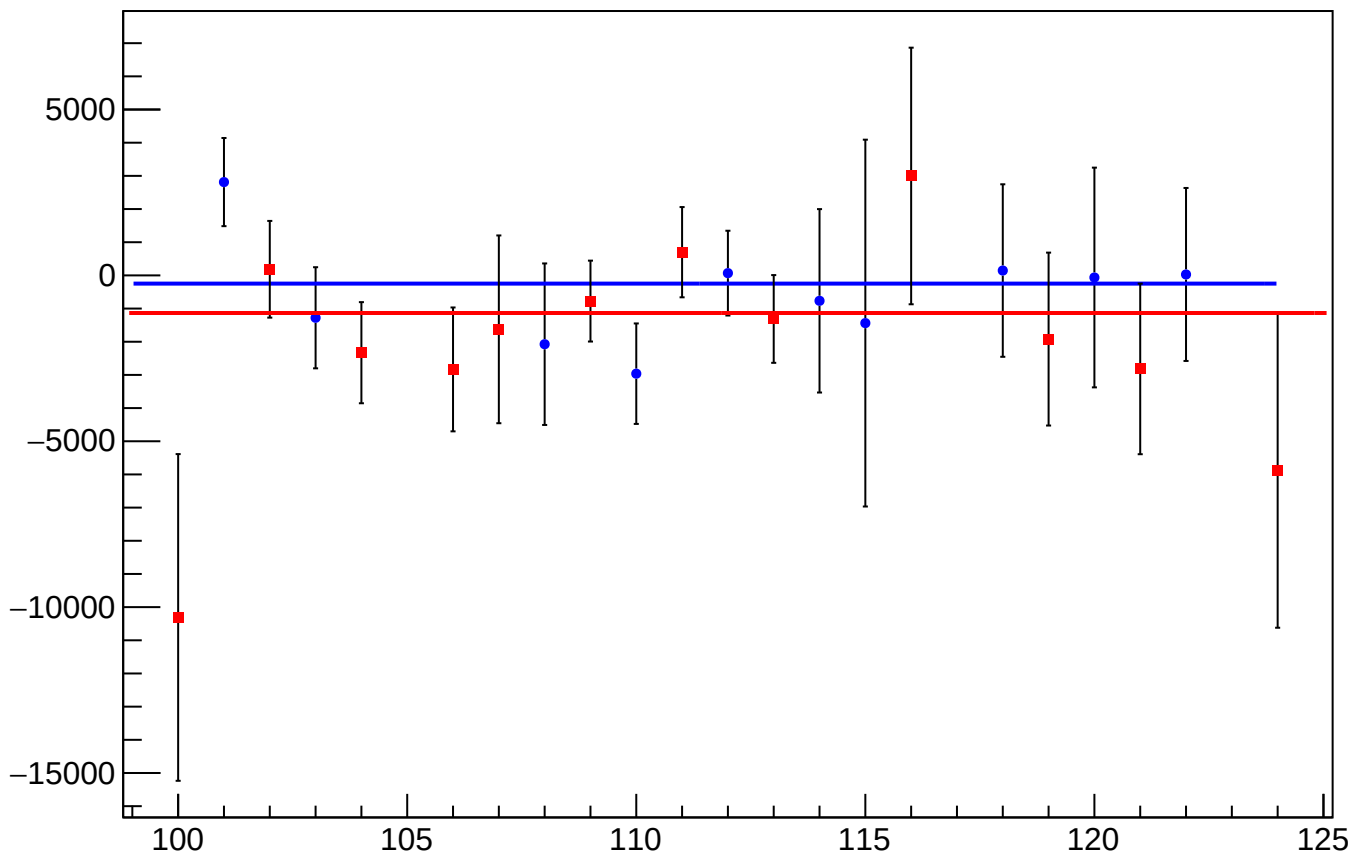
Right: 1134.400+/-0.282 χ^2/NDF : 1316846.1/21

In: 1171.632+/-0.426 χ^2/NDF : 613161.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1134.400+/-0.282 χ^2/NDF : 1316846.1/21

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -247.671+/-601.516 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1133.524+/-530.850 χ^2/NDF : 10.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

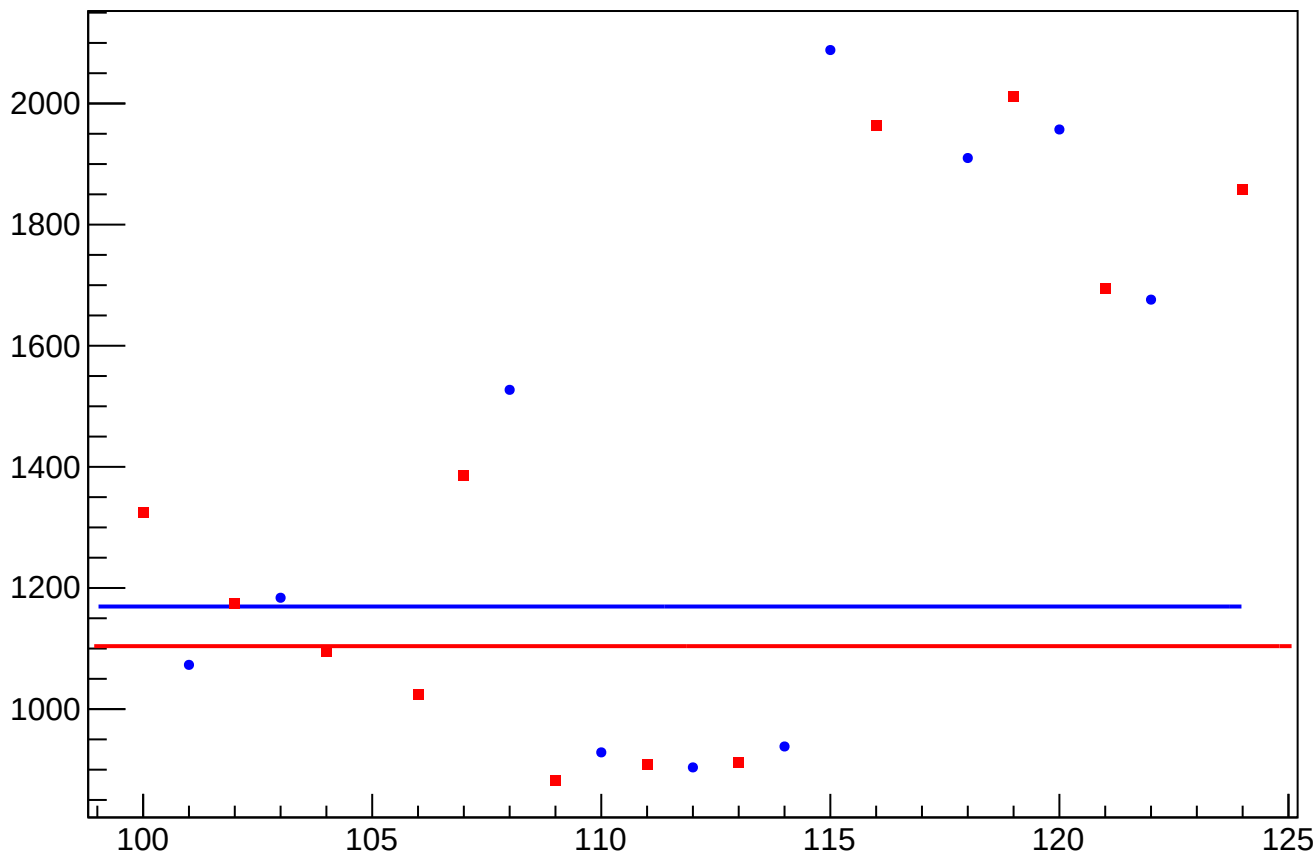
Right: -745.665+/-398.018 χ^2/NDF : 21.3/21

In: -247.671+/-601.516 χ^2/NDF :9.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -745.665+/-398.018 χ^2/NDF : 21.3/21

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1169.402 $\pm$ 0.425 χ^2 /NDF: 611072.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1103.966 $\pm$ 0.375 χ^2 /NDF: 679238.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

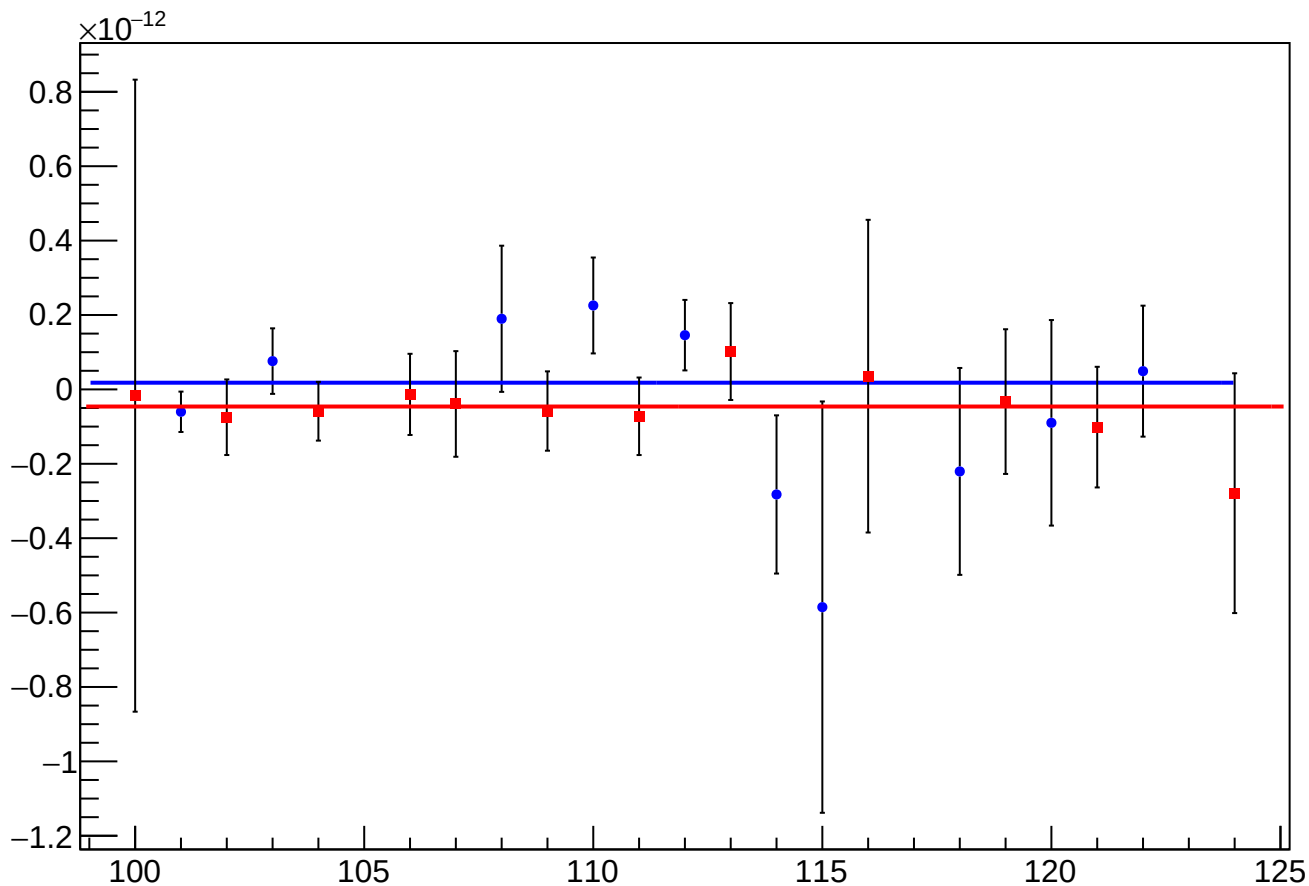
Right: 1132.616 $\pm$ 0.281 χ^2 /NDF: 1303616.9/21

In: 1169.402 $\pm$ 0.425 χ^2 /NDF:611072.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1132.616 $\pm$ 0.281 χ^2 /NDF: 1303616.9/21

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

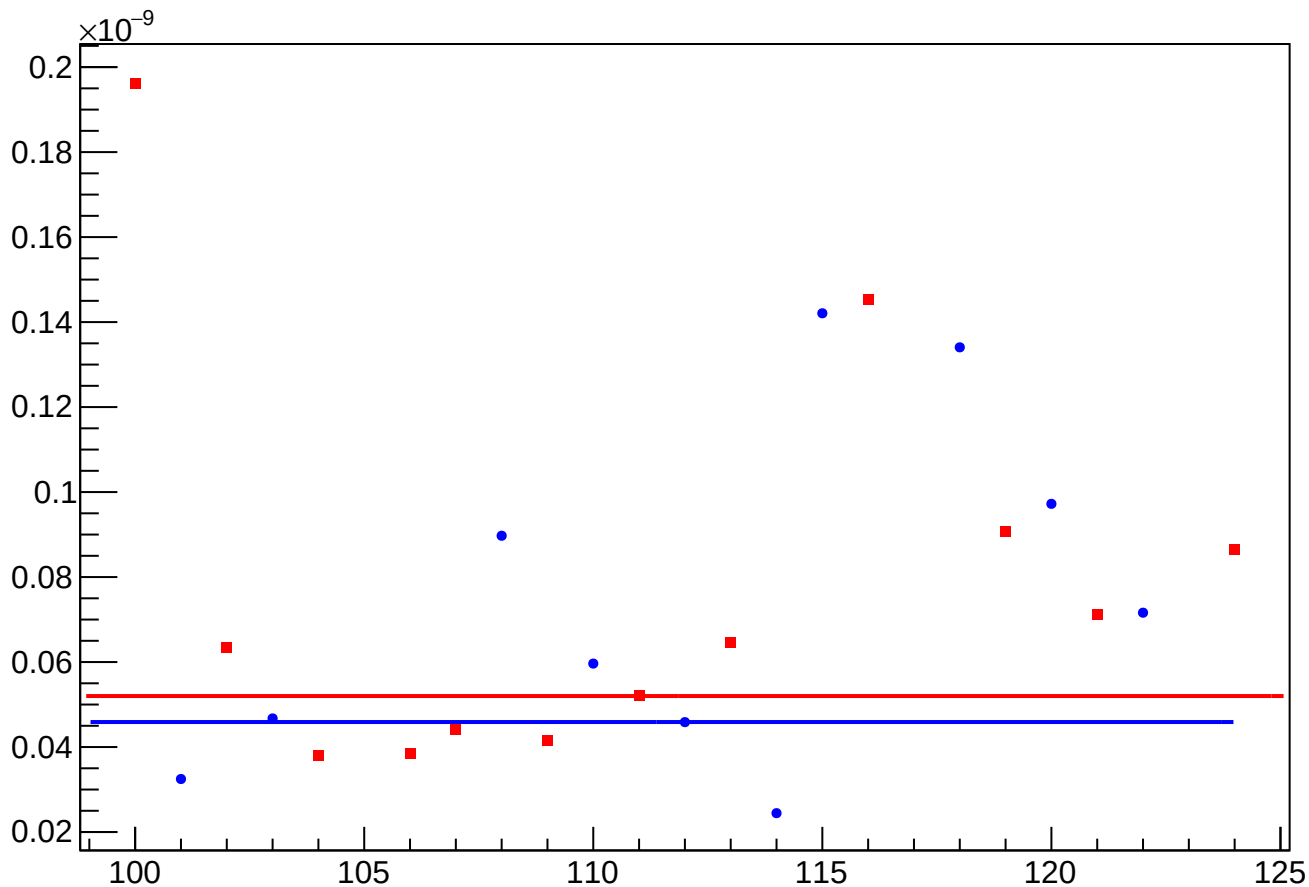
Right: -0.000+/-0.000 χ^2/NDF : 15.5/21

In: 0.000+/-0.000 χ^2/NDF : 11.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.5/21

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 638328.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 448936.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

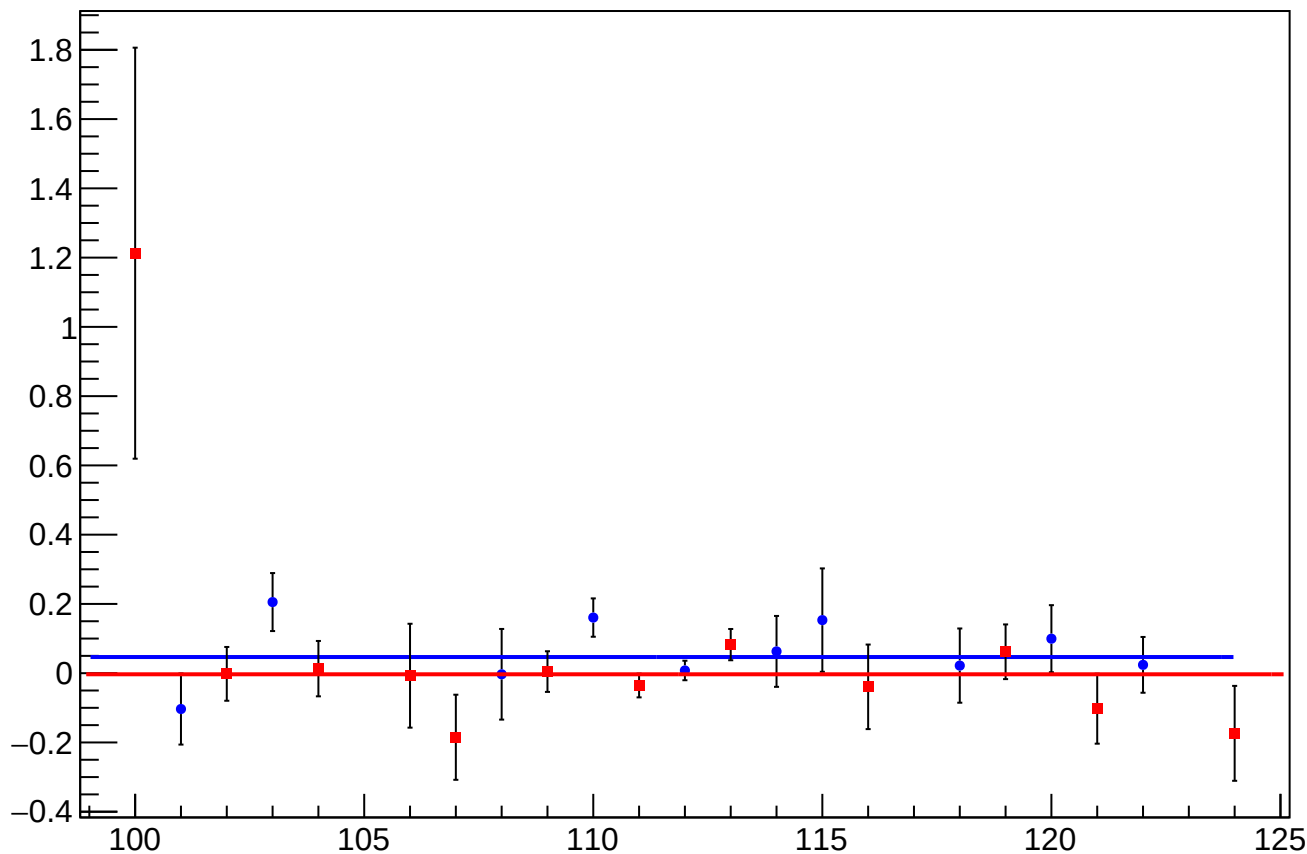
Right: 0.000+/-0.000 χ^2/NDF : 1114581.7/21

In: 0.000+/-0.000 χ^2/NDF : 638328.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1114581.7/21

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.021 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.020 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

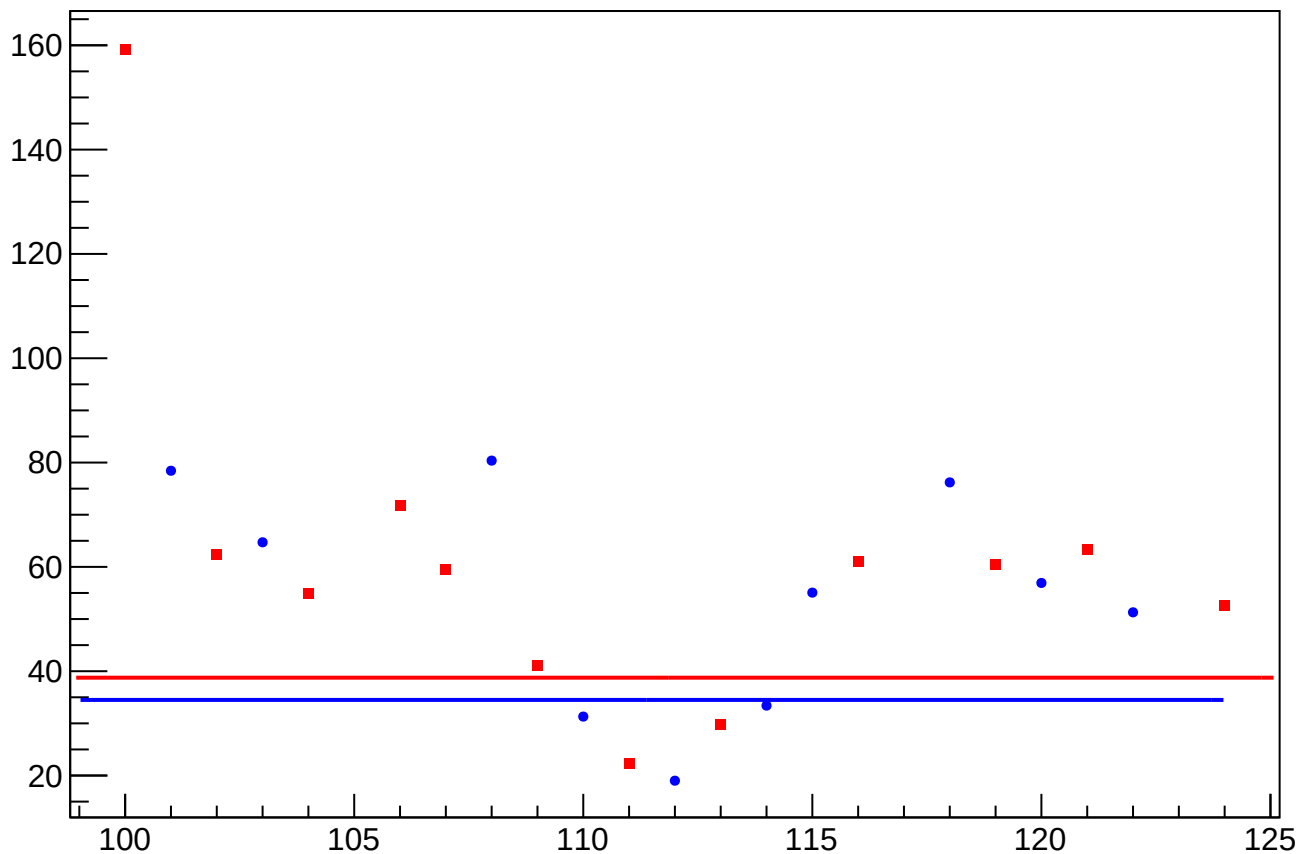
Right: 0.021+/-0.014 χ^2/NDF : 30.2/21

In: 0.047+/-0.021 χ^2/NDF :13.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.014 χ^2/NDF : 30.2/21

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.494+/-0.015 χ^2/NDF : 2019133.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 38.759+/-0.014 χ^2/NDF : 1405186.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

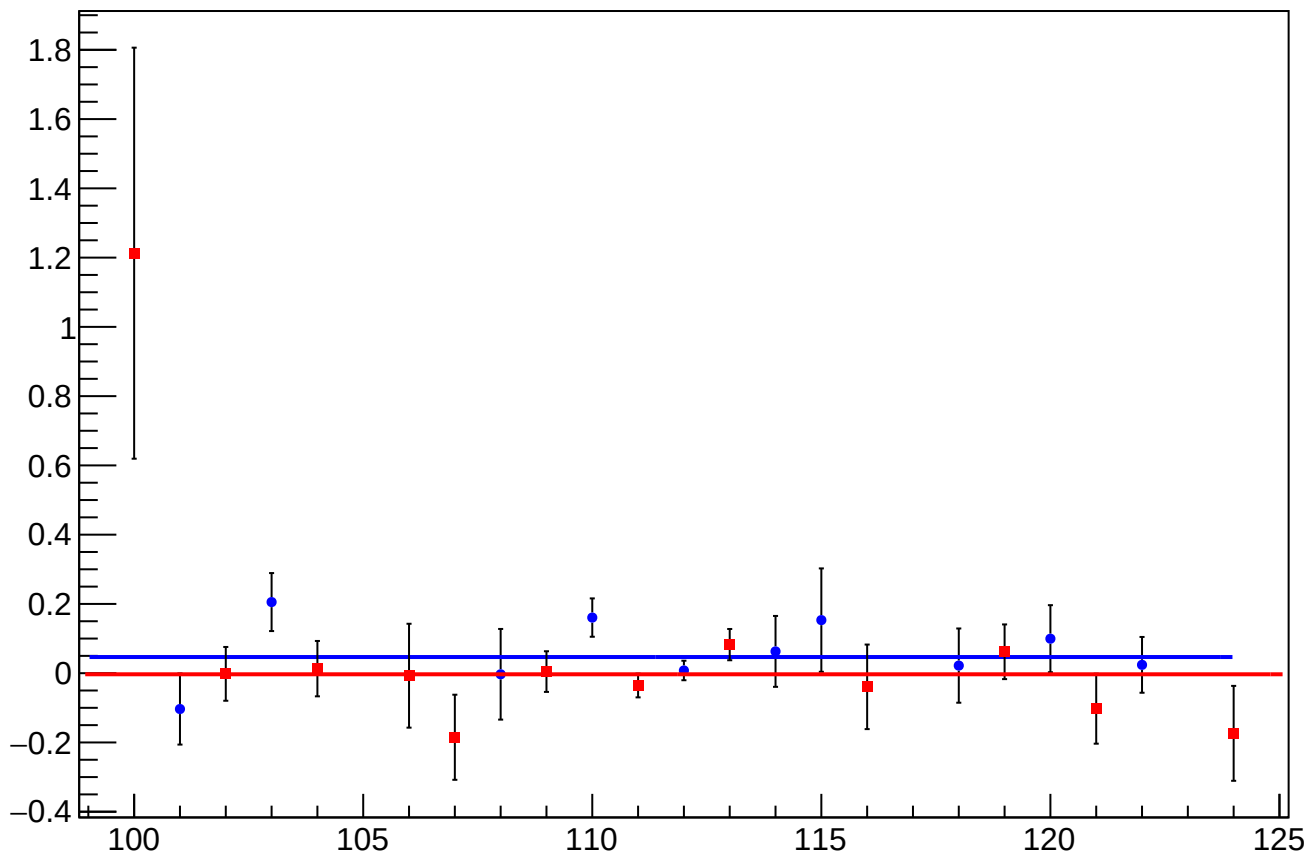
Right: 36.659+/-0.010 χ^2/NDF : 3468111.4/21

In: 34.494+/-0.015 χ^2/NDF :2019133.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.659+/-0.010 χ^2/NDF : 3468111.4/21

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.021 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.020 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

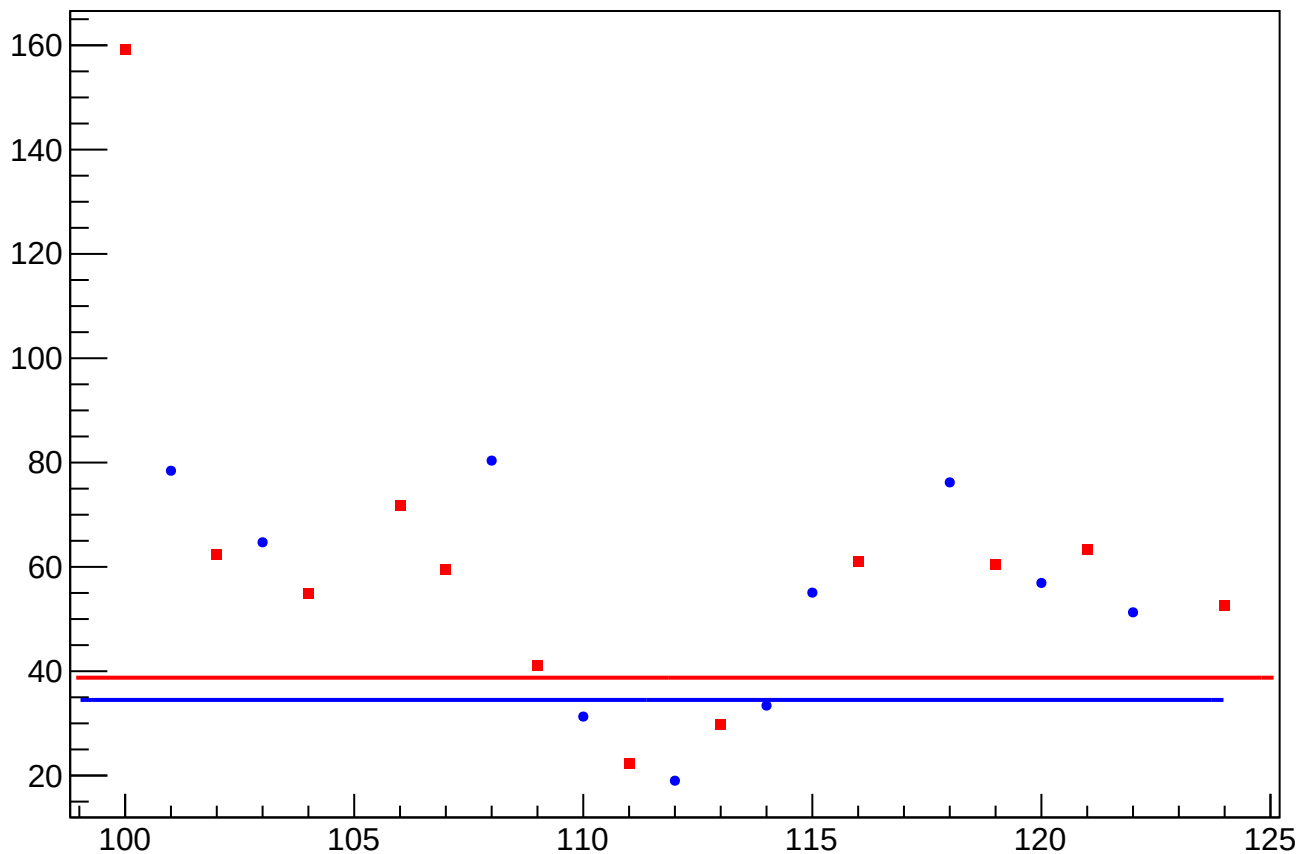
Right: 0.021+/-0.014 χ^2/NDF : 30.2/21

In: 0.047+/-0.021 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.014 χ^2/NDF : 30.2/21

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.494+/-0.015 χ^2/NDF : 2019133.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 38.759+/-0.014 χ^2/NDF : 1405186.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

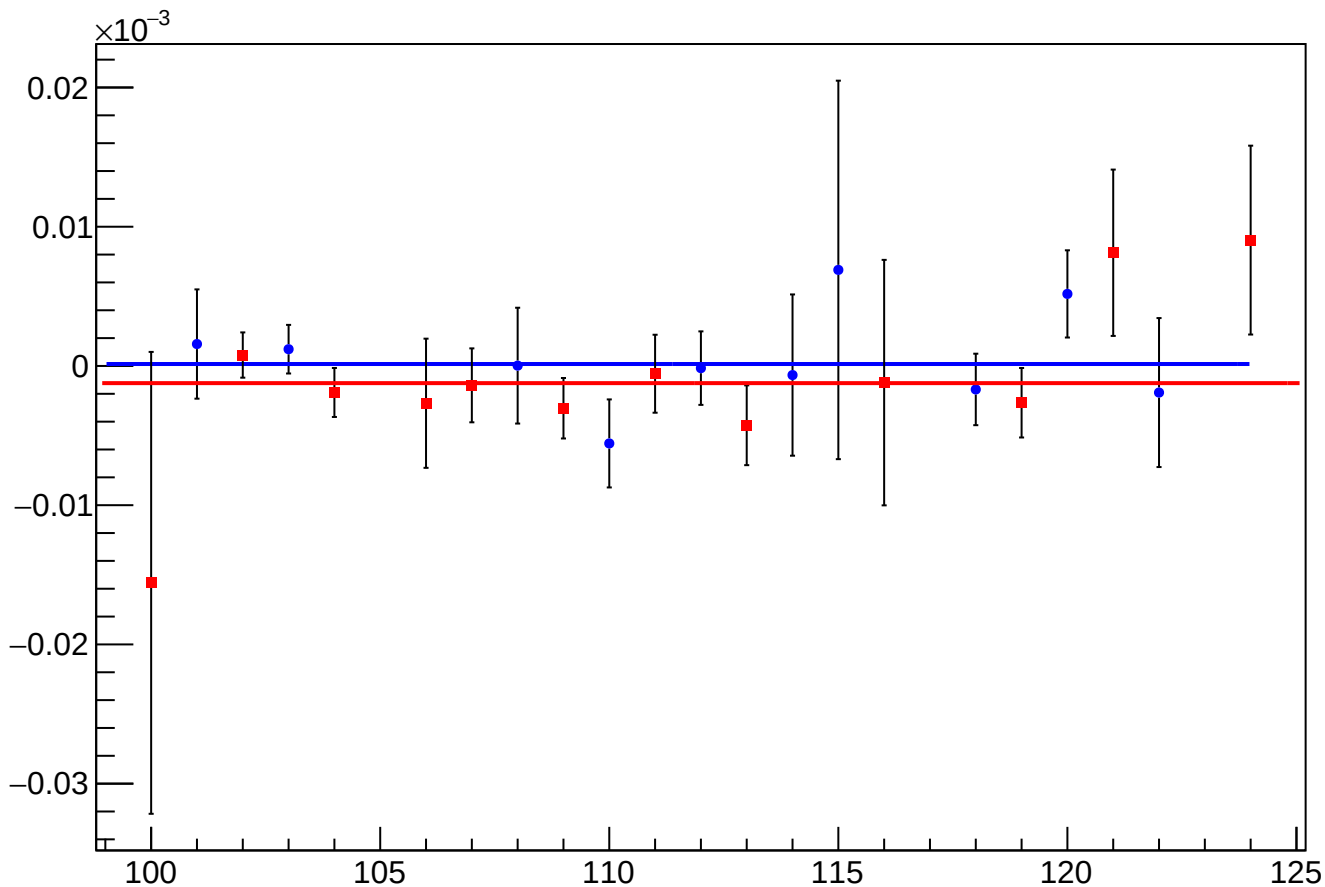
Right: 36.659+/-0.010 χ^2/NDF : 3468111.4/21

In: 34.494+/-0.015 χ^2/NDF :2019133.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.659+/-0.010 χ^2/NDF : 3468111.4/21

asym_sam_48_avg_eigen_dit_vs_dit_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 : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

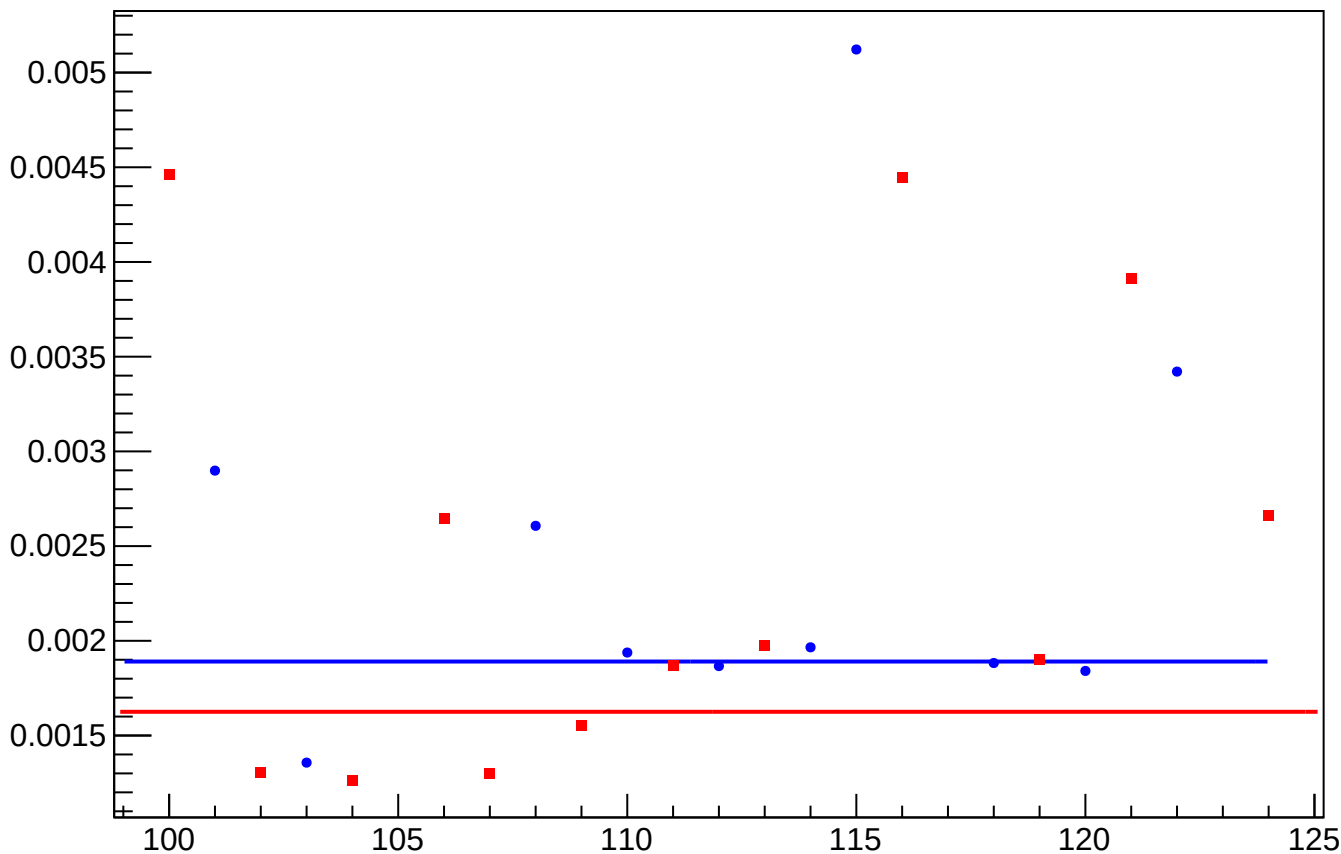
Right: -0.000+/-0.000 χ^2/NDF : 17.9/21

In: 0.000+/-0.000 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.9/21

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 656382.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 963997.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

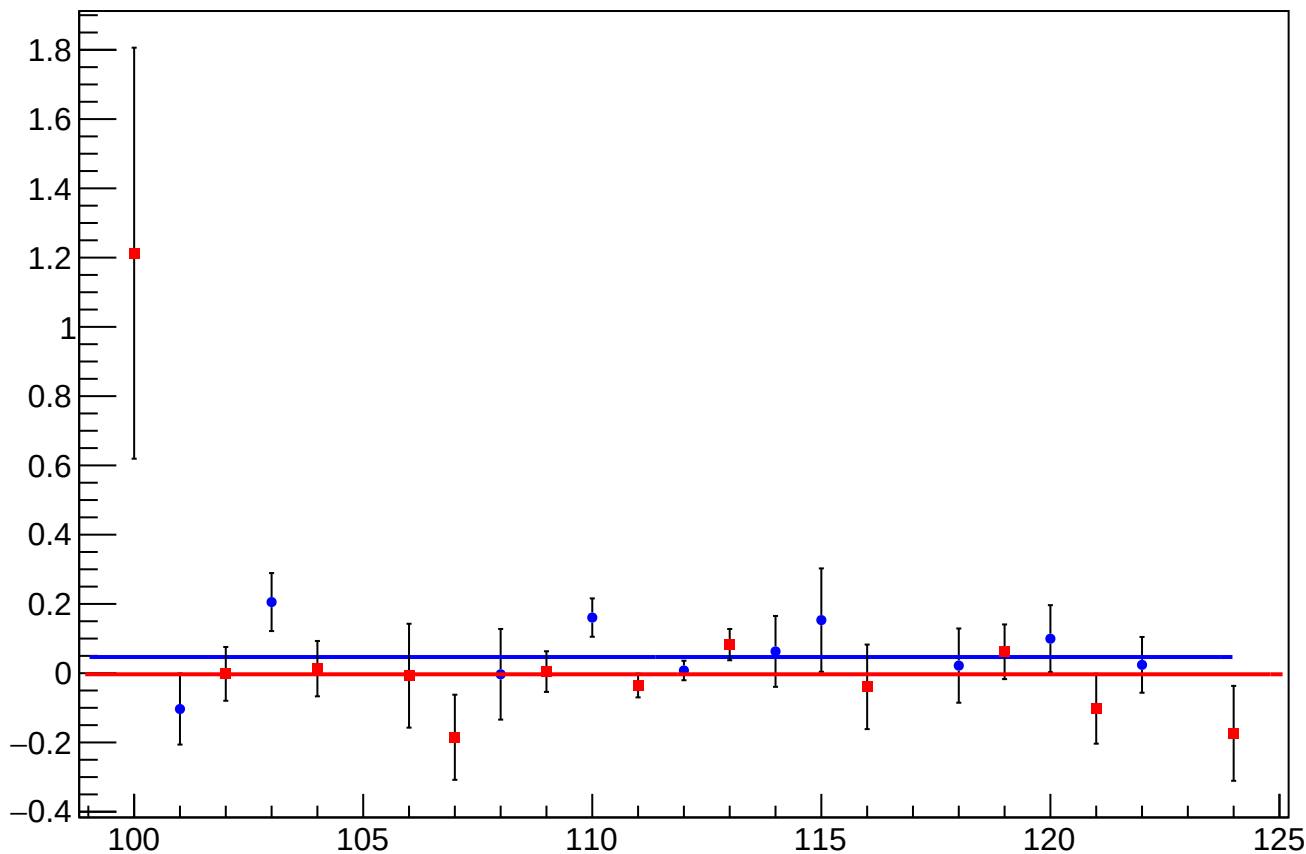
Right: 0.002+/-0.000 χ^2/NDF : 1707529.5/21

In: 0.002+/-0.000 χ^2/NDF : 656382.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1707529.5/21

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.021 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.020 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

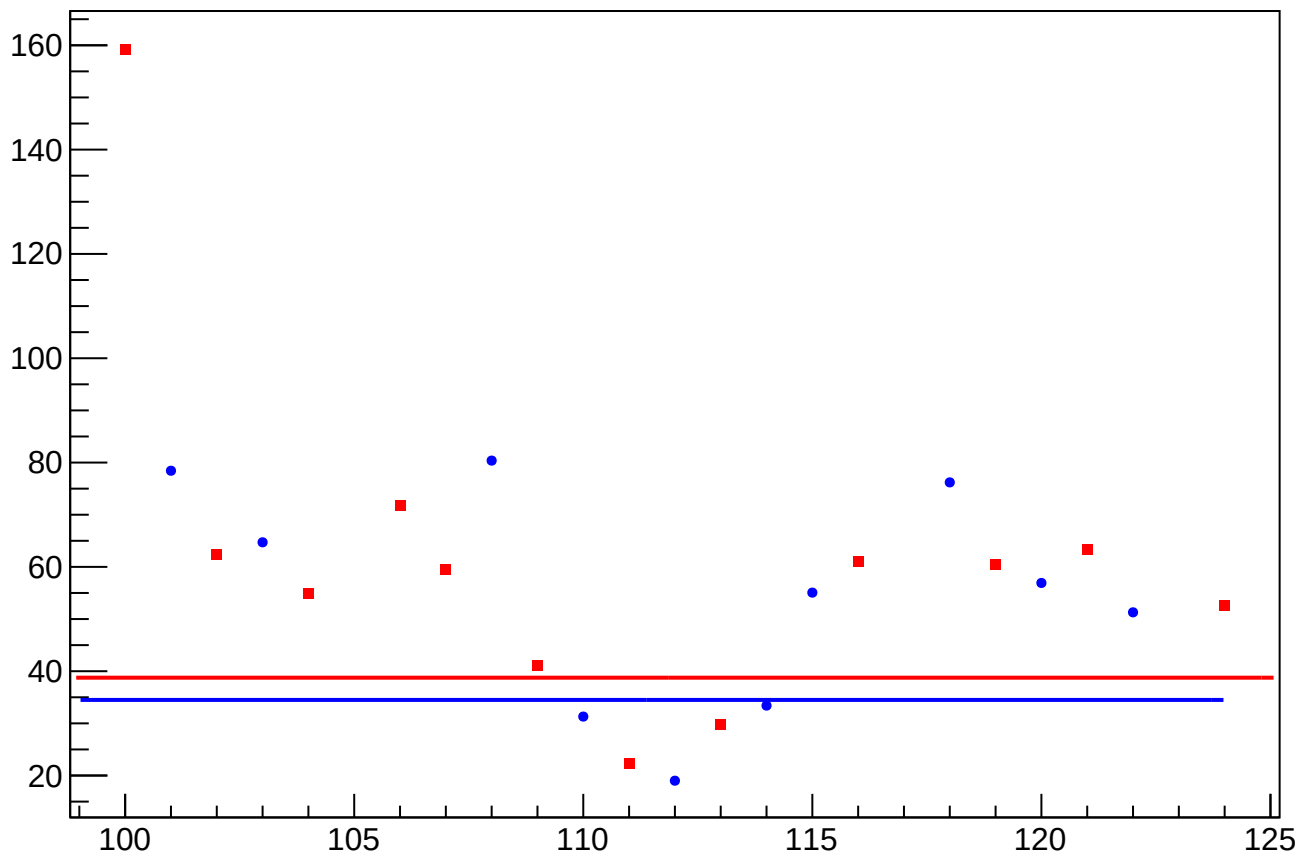
Right: 0.021+/-0.014 χ^2/NDF : 30.2/21

In: 0.047+/-0.021 χ^2/NDF :13.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.014 χ^2/NDF : 30.2/21

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.494+/-0.015 χ^2/NDF : 2019241.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.758+/-0.014 χ^2/NDF : 1405298.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

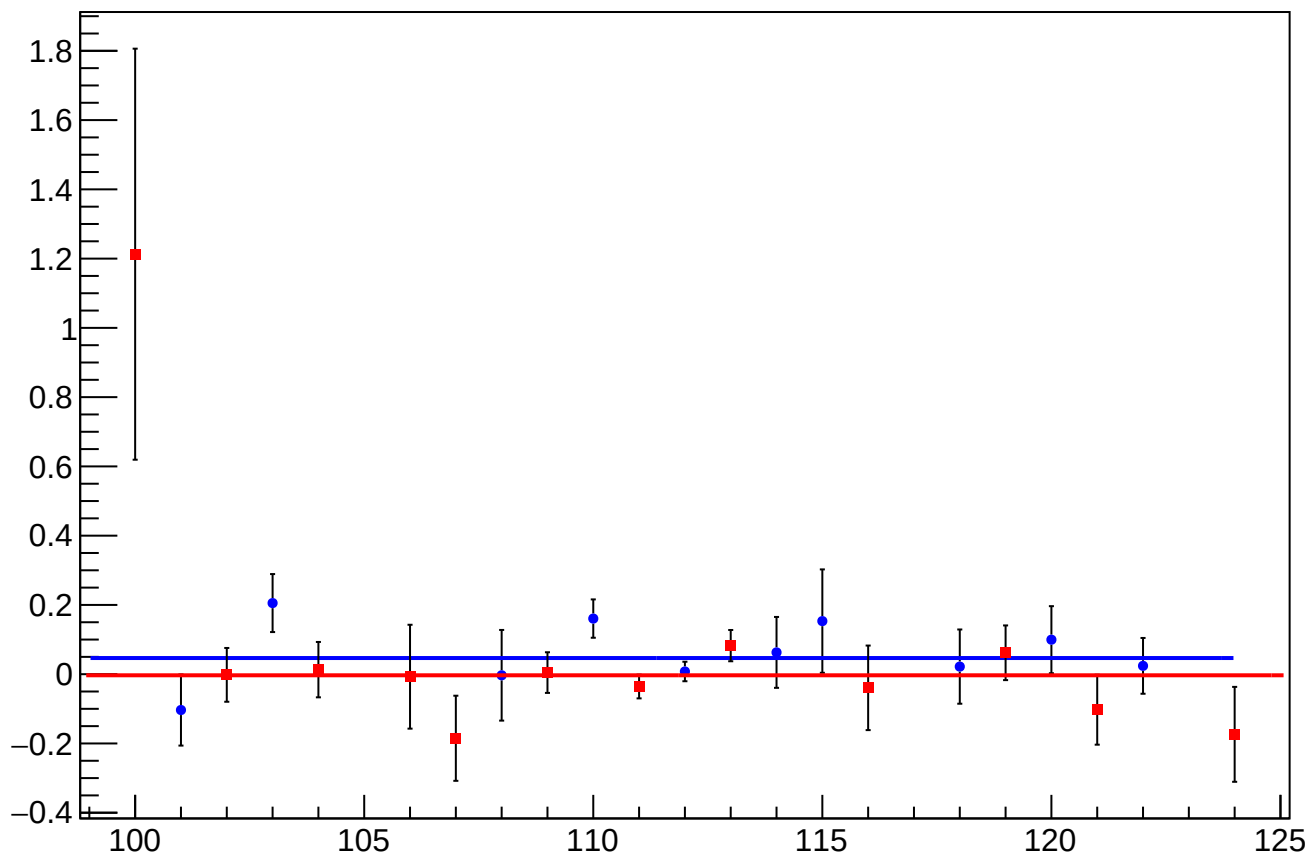
Right: 36.658+/-0.010 χ^2/NDF : 3468331.7/21

In: 34.494+/-0.015 χ^2/NDF : 2019241.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.658+/-0.010 χ^2/NDF : 3468331.7/21

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.021 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.020 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

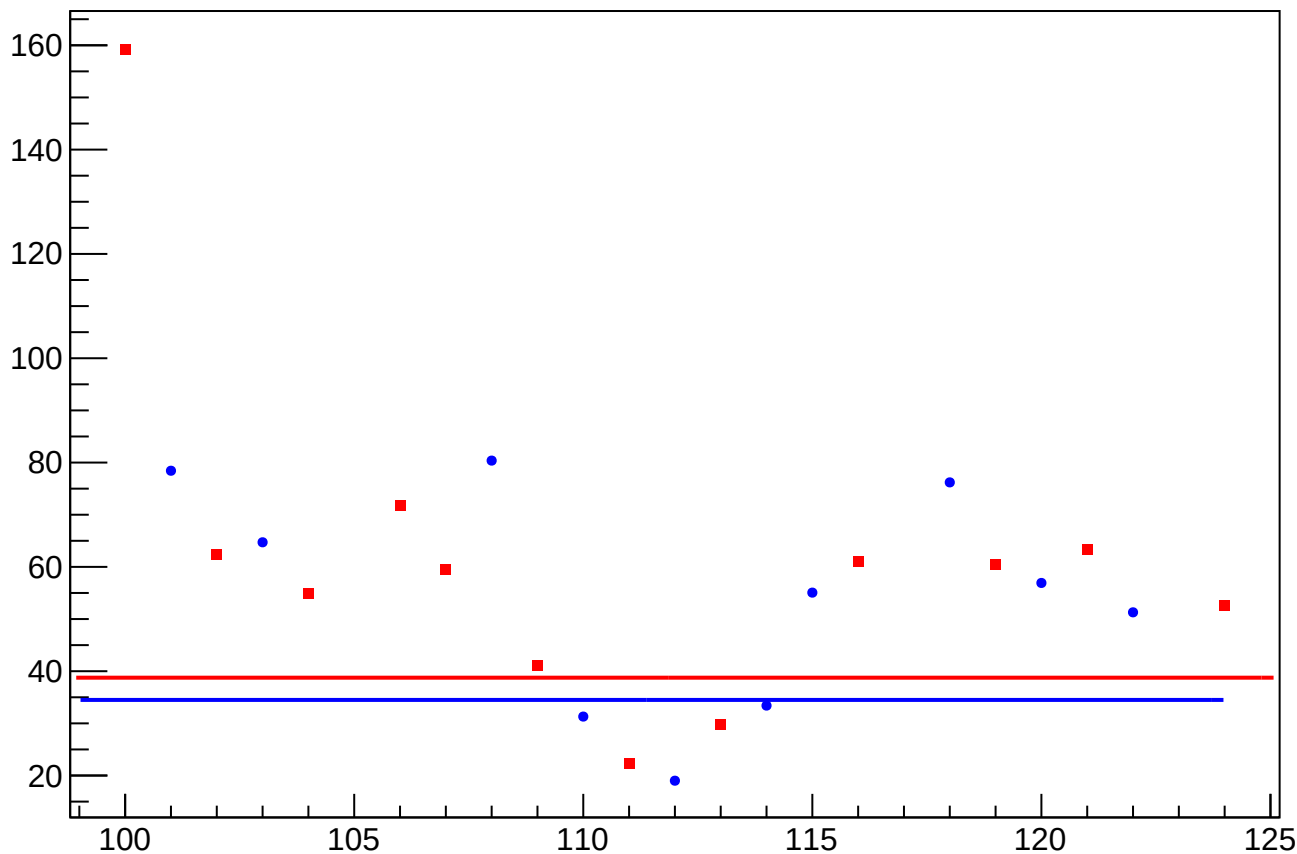
Right: 0.021+/-0.014 χ^2/NDF : 30.2/21

In: 0.047+/-0.021 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.014 χ^2/NDF : 30.2/21

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.494+/-0.015 χ^2/NDF : 2019241.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 38.758+/-0.014 χ^2/NDF : 1405298.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

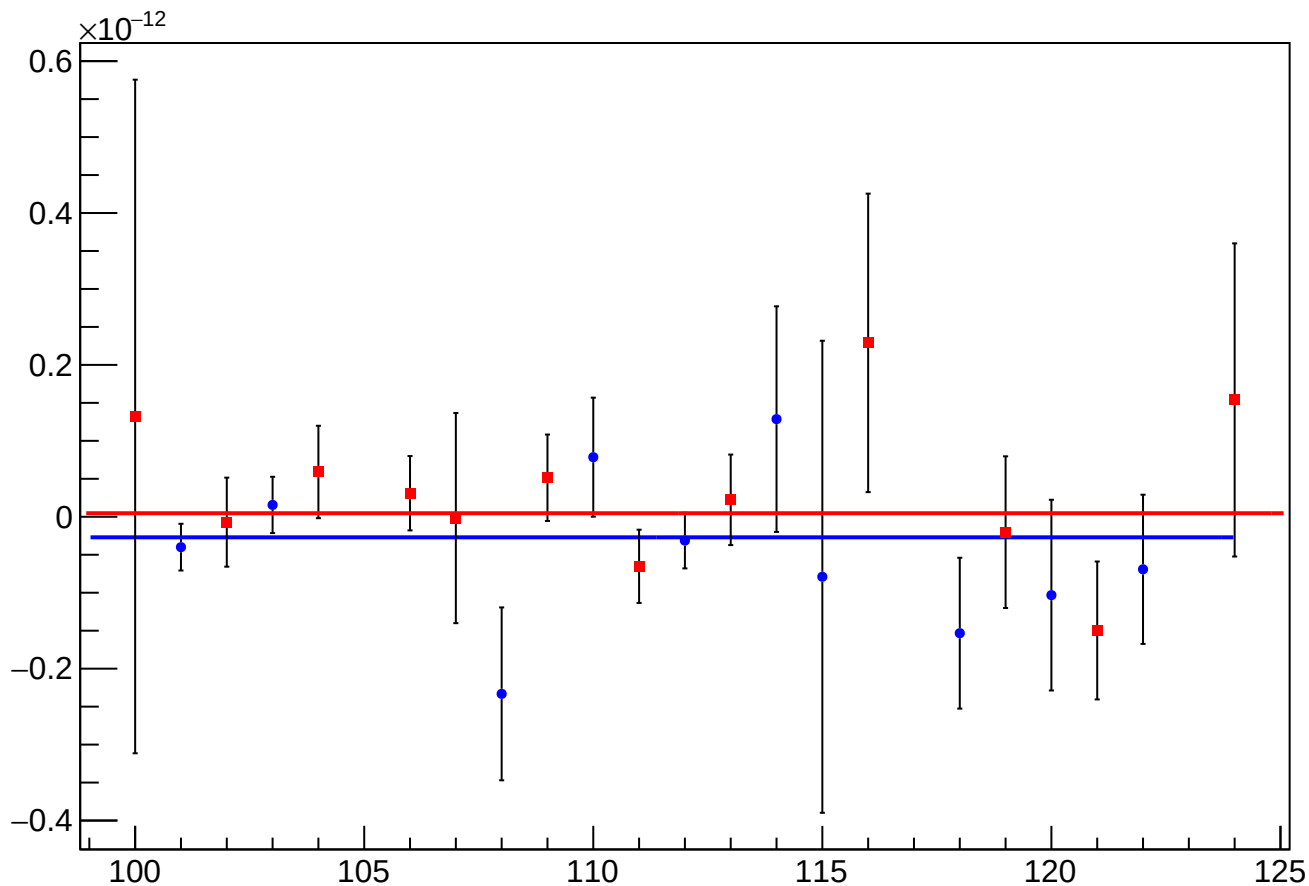
Right: 36.658+/-0.010 χ^2/NDF : 3468331.7/21

In: 34.494+/-0.015 χ^2/NDF :2019241.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.658+/-0.010 χ^2/NDF : 3468331.7/21

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

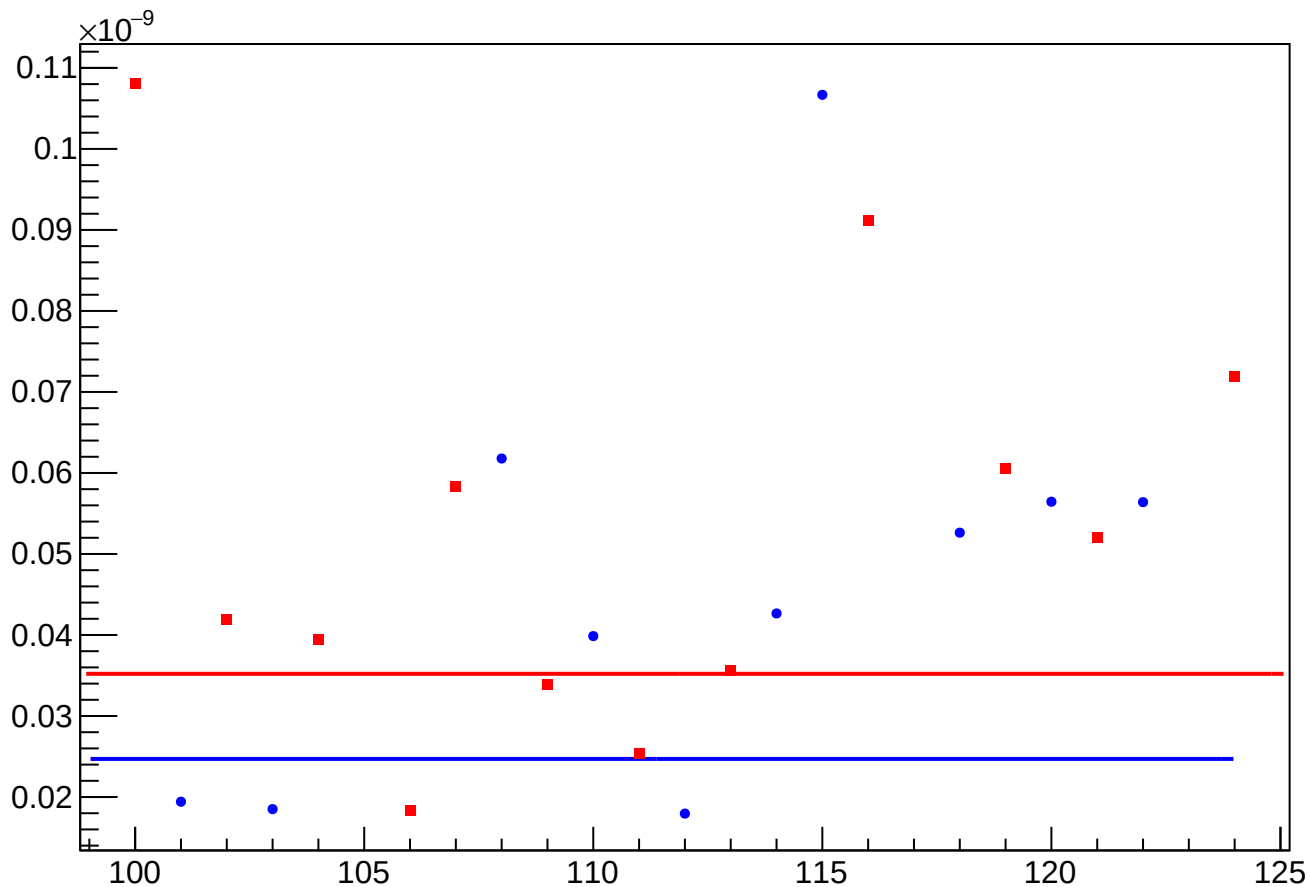
Right: -0.000+/-0.000 χ^2/NDF : 20.1/21

In: -0.000+/-0.000 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.1/21

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1132459.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 891785.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

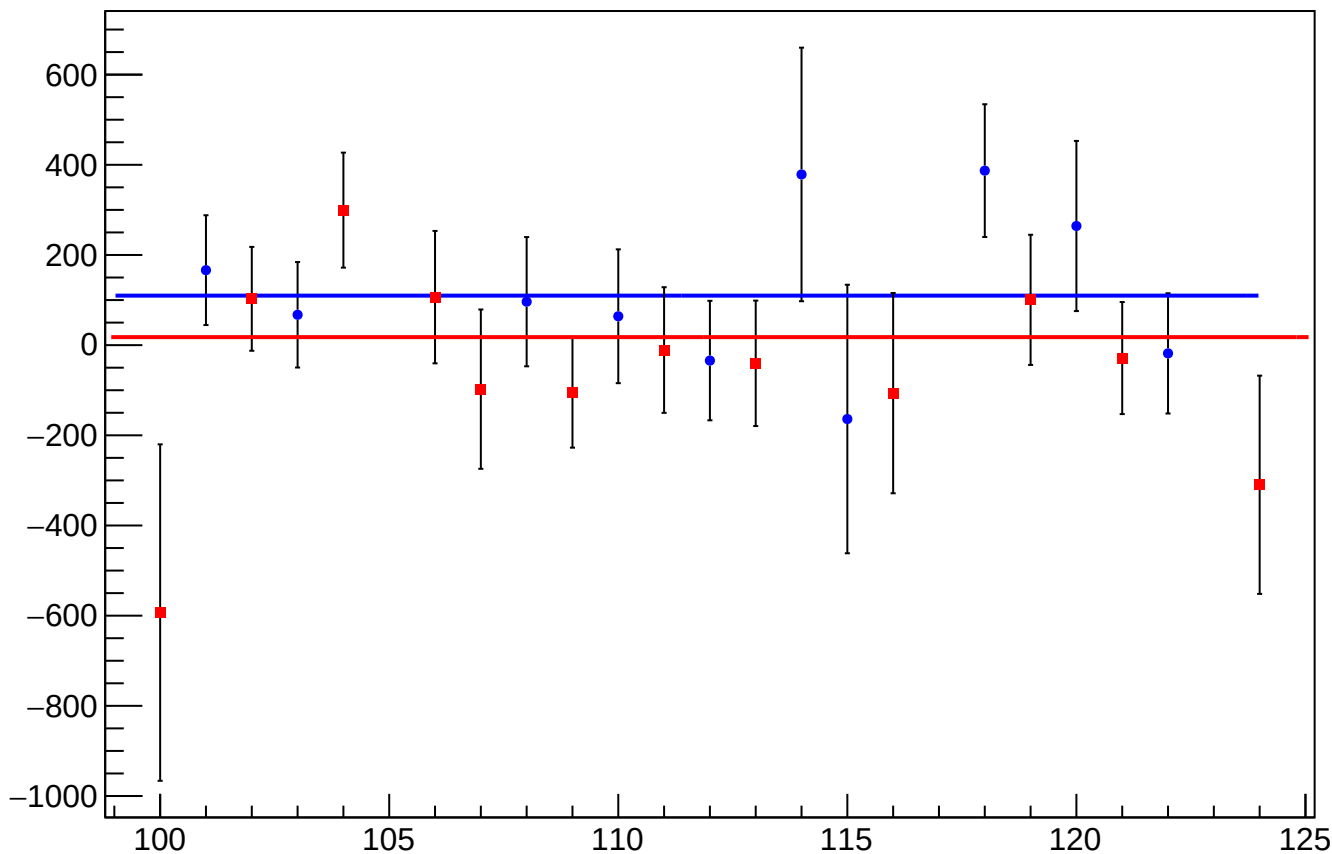
Right: 0.000+/-0.000 χ^2/NDF : 2317498.6/21

In: 0.000+/-0.000 χ^2/NDF : 1132459.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2317498.6/21

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 109.839 $\pm$ 47.357 χ^2 /NDF: 8.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.792 $\pm$ 42.952 χ^2 /NDF: 12.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

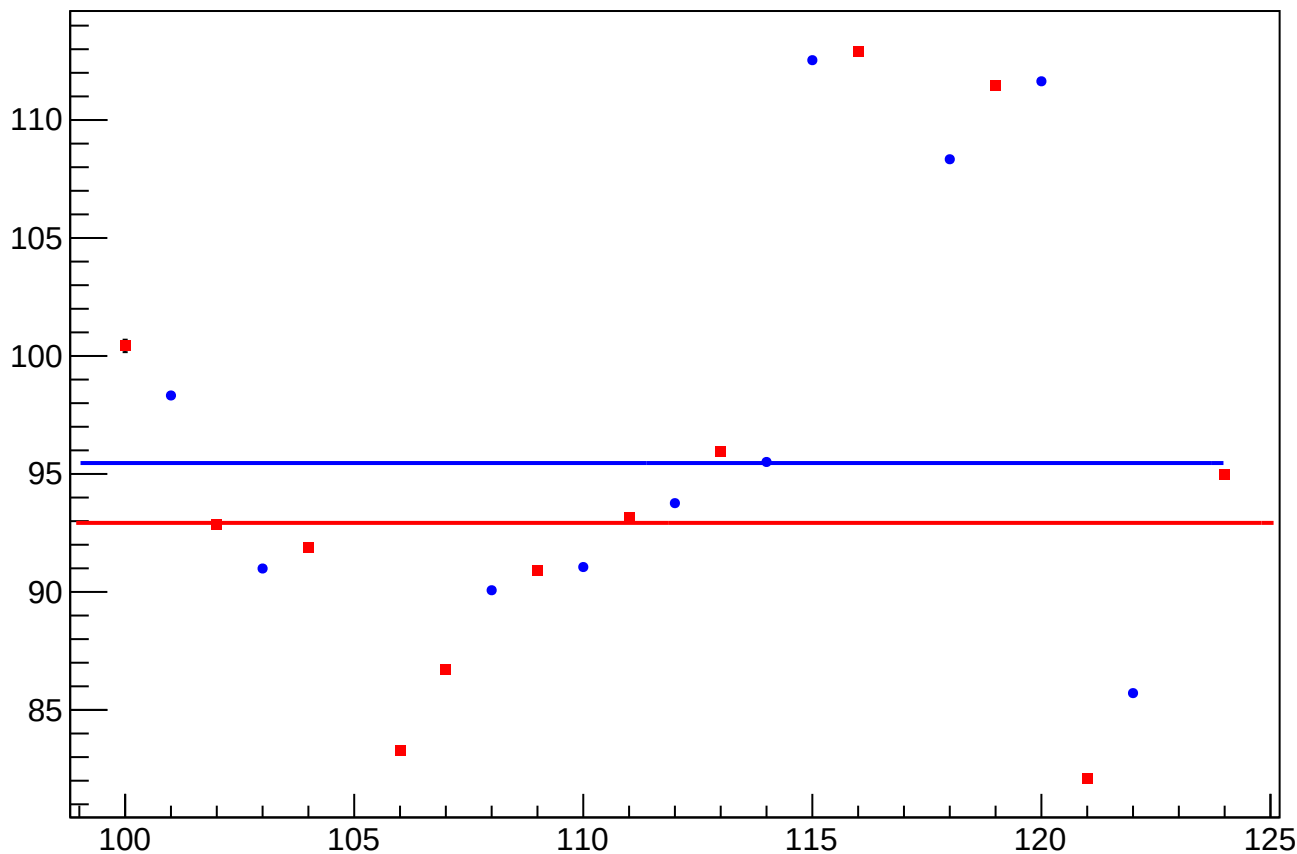
Right: 59.336 $\pm$ 31.815 χ^2 /NDF: 23.3/21

In: 109.839 $\pm$ 47.357 χ^2 /NDF: 8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.336 $\pm$ 31.815 χ^2 /NDF: 23.3/21

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.463+/-0.033 χ^2/NDF : 56202.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.926+/-0.030 χ^2/NDF : 78084.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

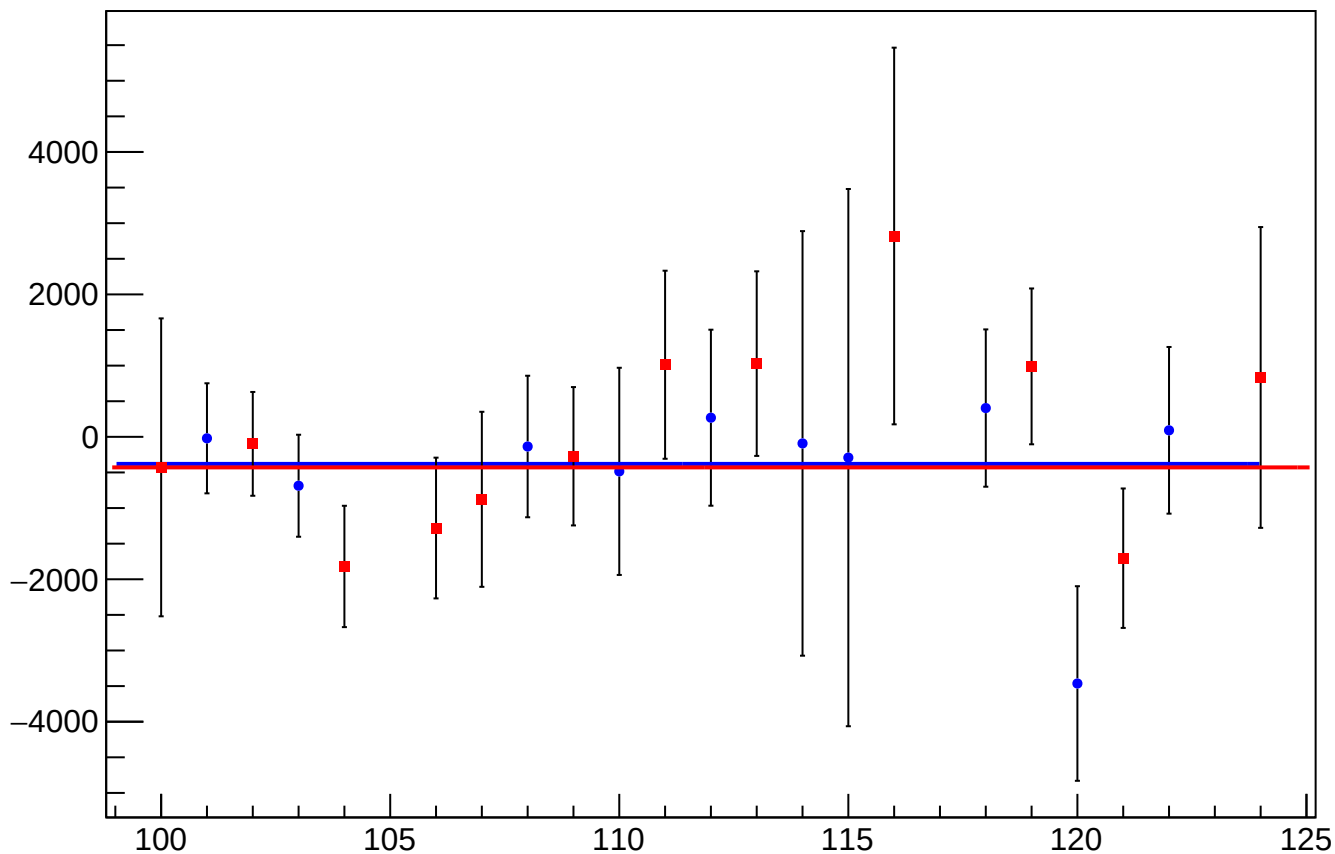
Right: 94.071+/-0.022 χ^2/NDF : 137434.0/21

In: 95.463+/-0.033 χ^2/NDF : 56202.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.071+/-0.022 χ^2/NDF : 137434.0/21

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -379.985 $\pm$ 352.821 χ^2 /NDF: 6.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -429.097 $\pm$ 321.911 χ^2 /NDF: 11.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

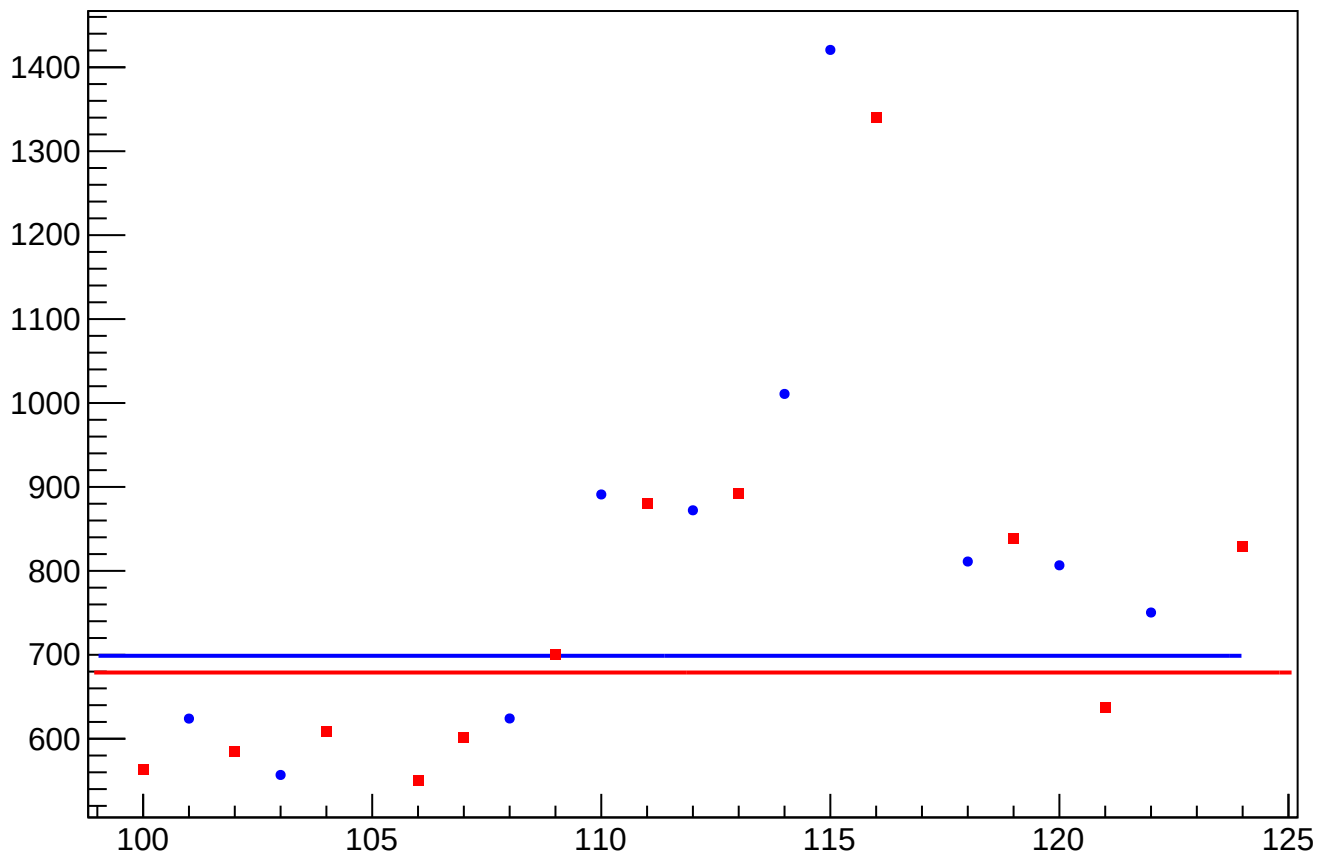
Right: -406.786 $\pm$ 237.804 χ^2 /NDF: 18.0/21

In: -379.985 $\pm$ 352.821 χ^2 /NDF:6.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -406.786 $\pm$ 237.804 χ^2 /NDF: 18.0/21

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 698.820+/-0.249 χ^2/NDF : 315106.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 678.895+/-0.228 χ^2/NDF : 376749.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

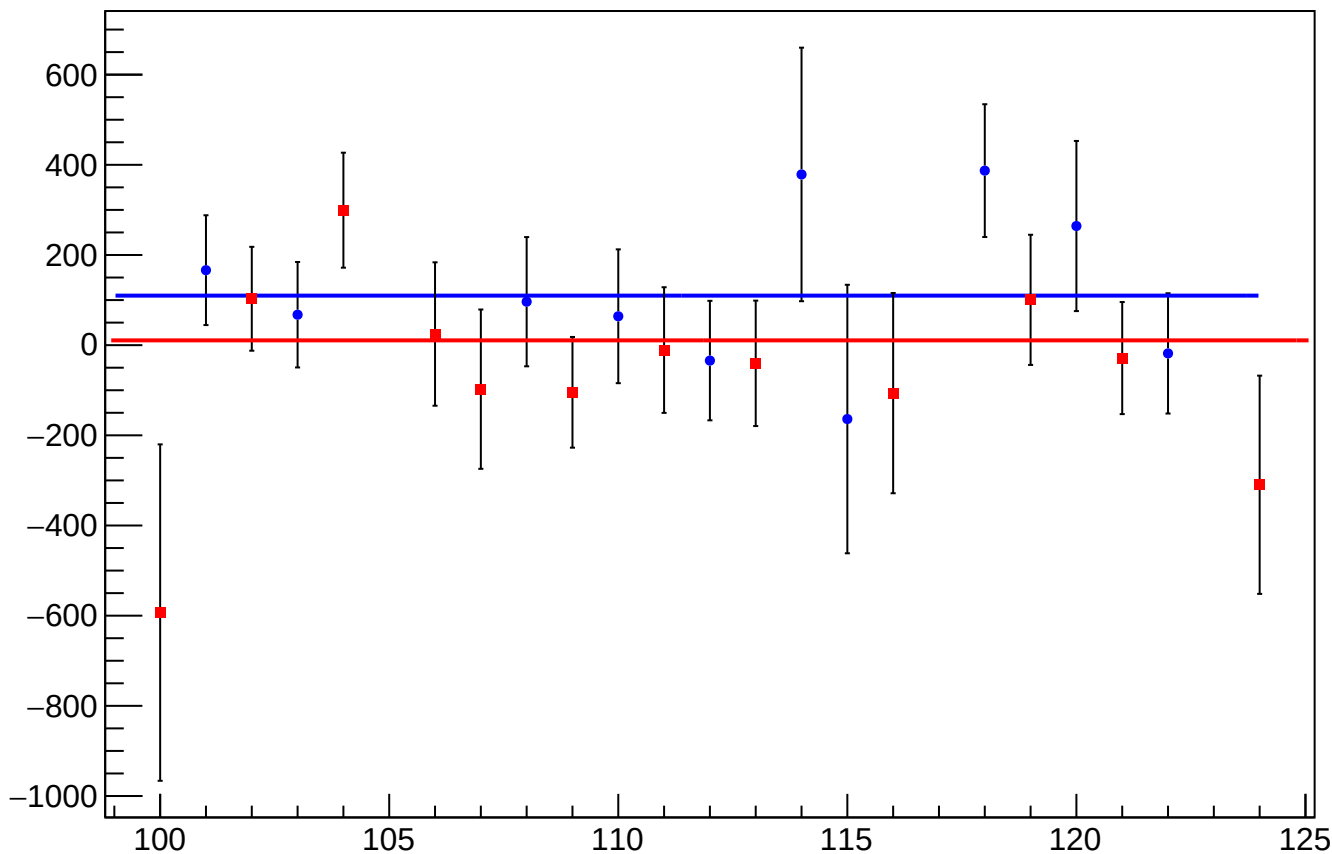
Right: 687.947+/-0.168 χ^2/NDF : 695336.7/21

In: 698.820+/-0.249 χ^2/NDF :315106.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 687.947+/-0.168 χ^2/NDF : 695336.7/21

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 109.872 $\pm$ 47.357 χ^2 /NDF: 8.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.630 $\pm$ 43.226 χ^2 /NDF: 12.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

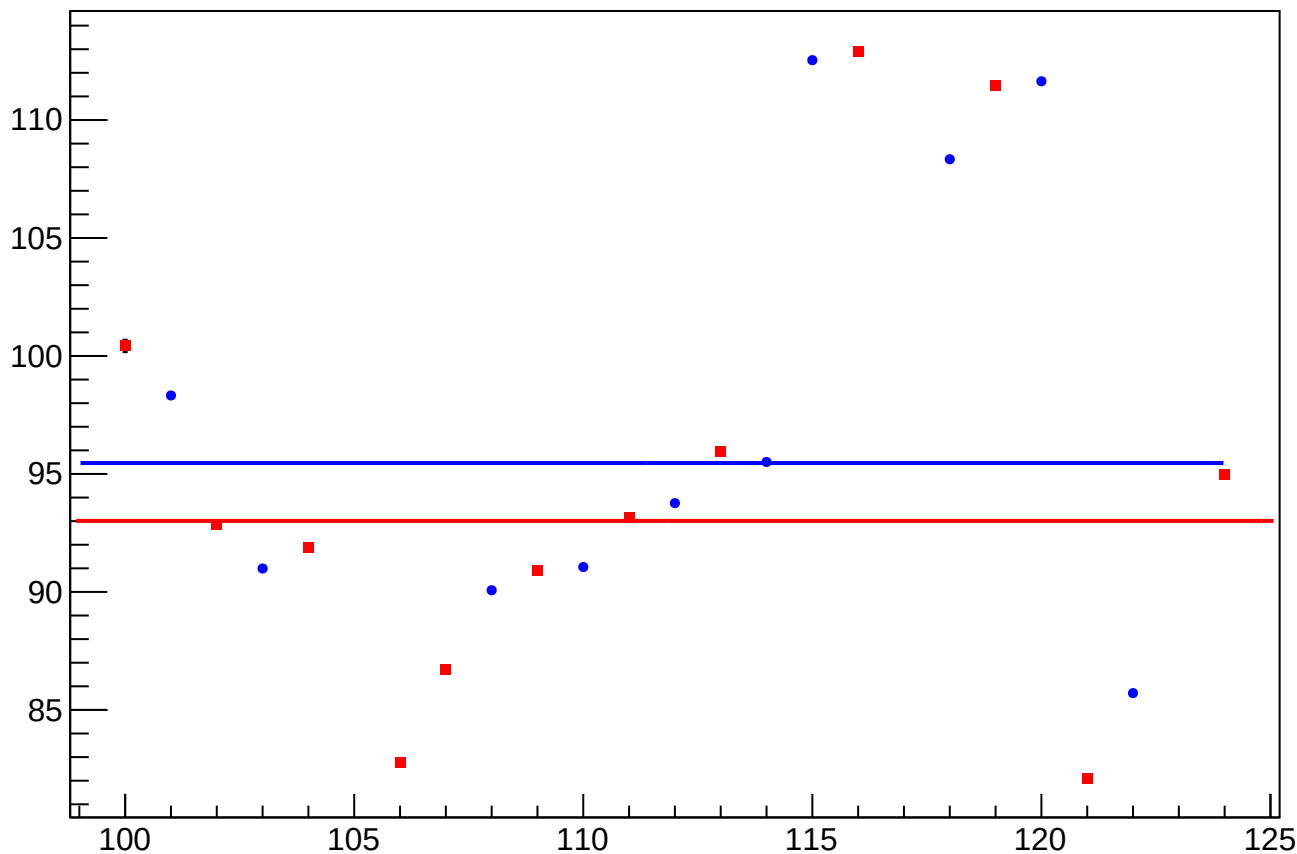
Right: 55.735 $\pm$ 31.926 χ^2 /NDF: 23.2/21

In: 109.872 $\pm$ 47.357 χ^2 /NDF: 8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.735 $\pm$ 31.926 χ^2 /NDF: 23.2/21

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.463+/-0.033 χ^2/NDF : 56202.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.011+/-0.031 χ^2/NDF : 77641.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

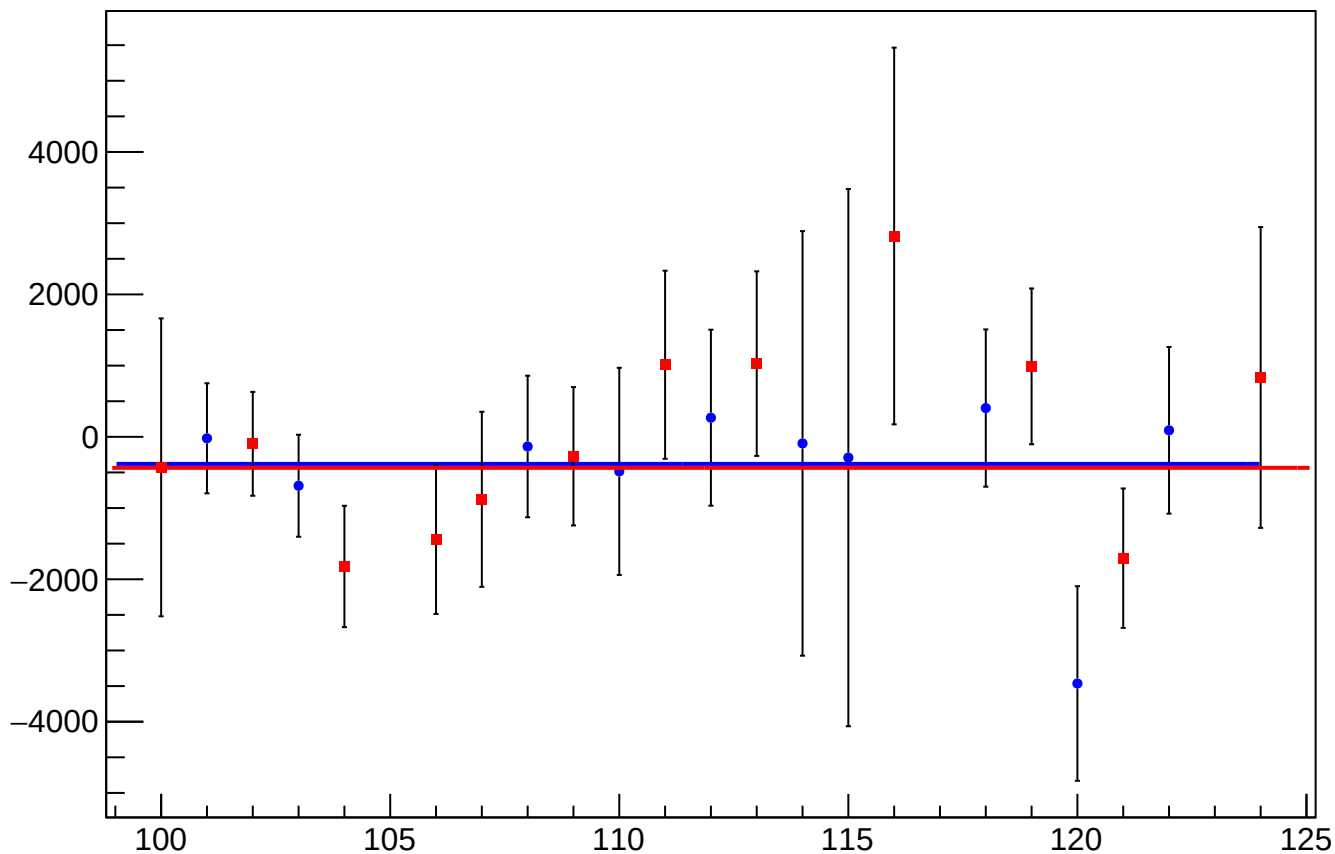
Right: 94.125+/-0.023 χ^2/NDF : 136768.6/21

In: 95.463+/-0.033 χ^2/NDF : 56202.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.125+/-0.023 χ^2/NDF : 136768.6/21

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -379.977 ± 352.820 χ^2/NDF : 6.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -435.145 ± 323.708 χ^2/NDF : 11.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

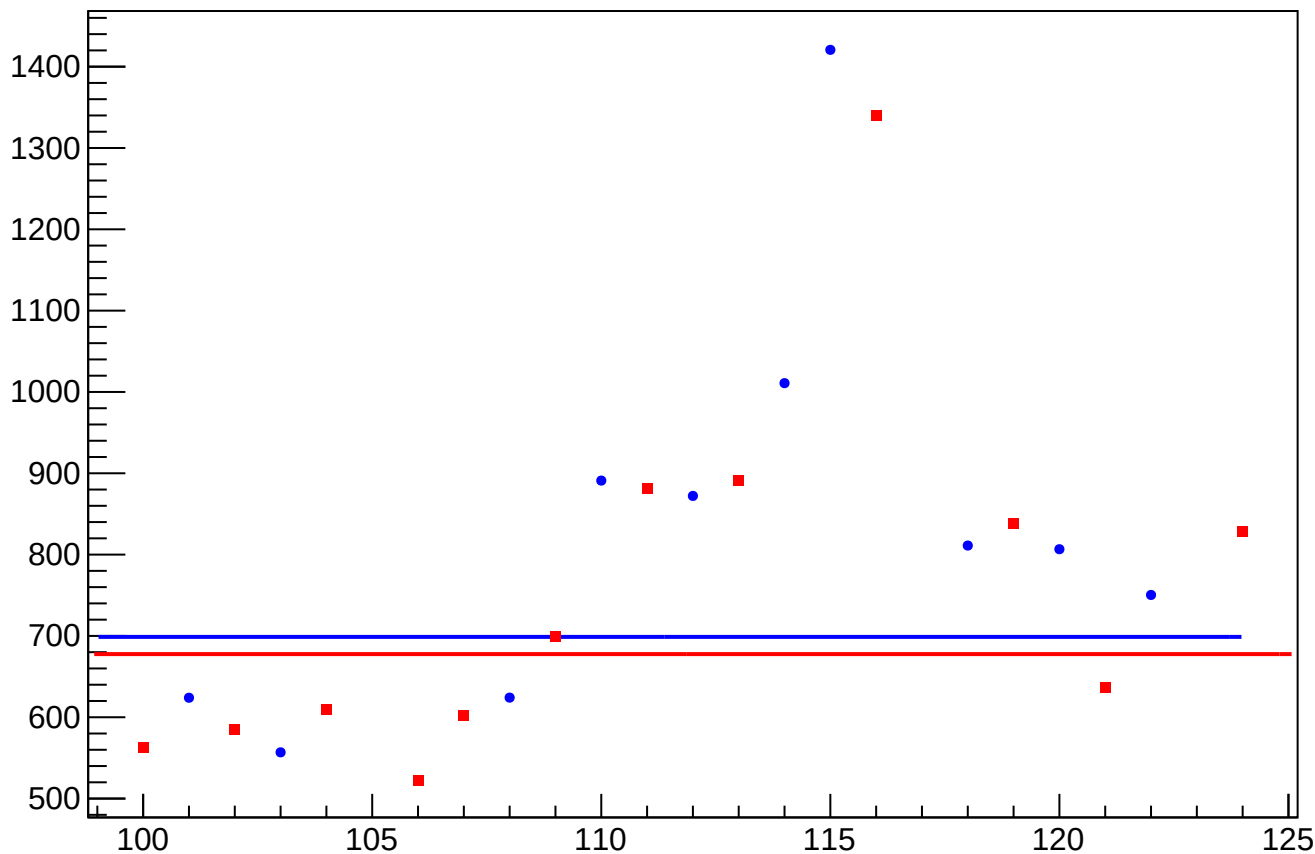
Right: -409.931 ± 238.525 χ^2/NDF : 18.2/21

In: -379.977 ± 352.820 χ^2/NDF : 6.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -409.931 ± 238.525 χ^2/NDF : 18.2/21

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 698.819+/-0.249 χ^2/NDF : 315109.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 677.649+/-0.229 χ^2/NDF : 387791.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

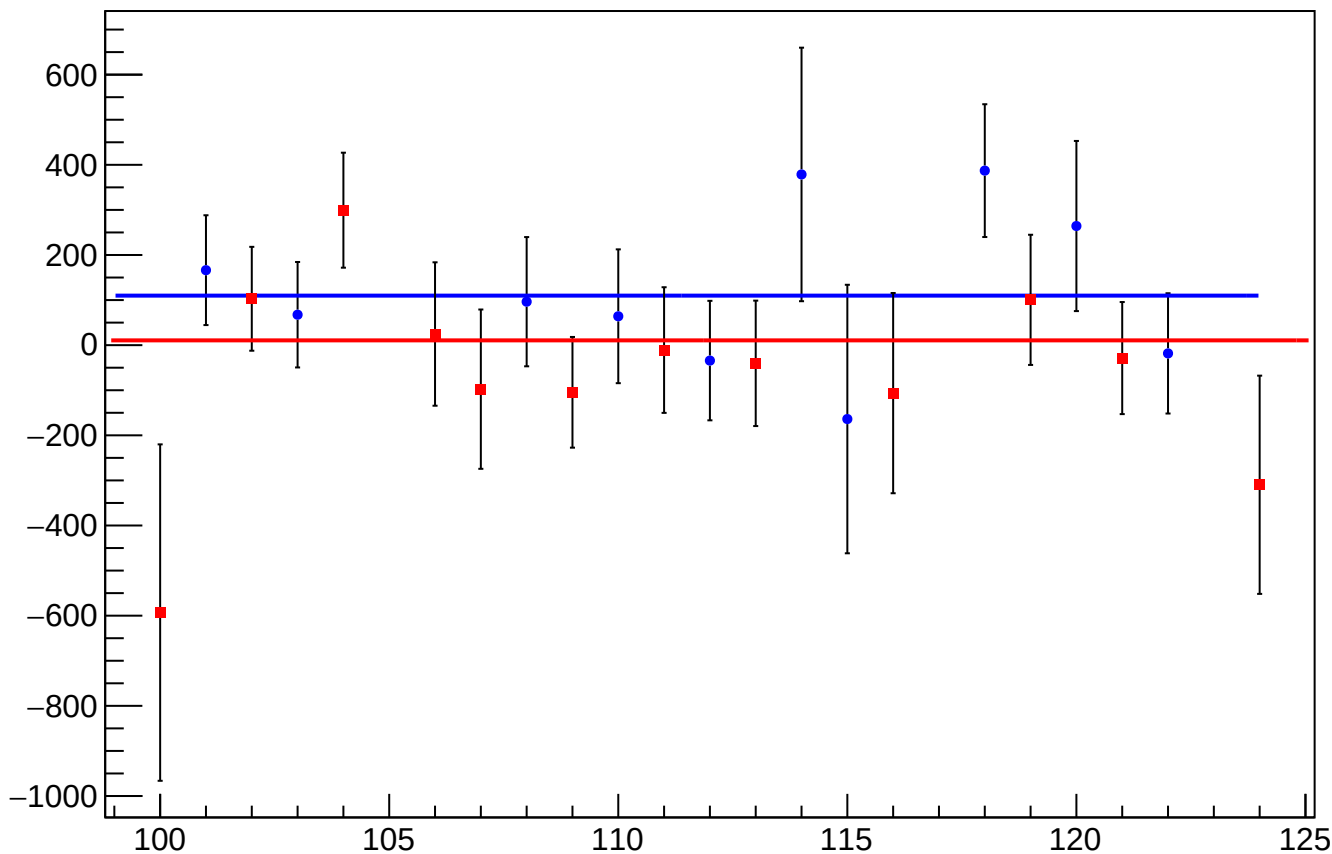
Right: 687.325+/-0.169 χ^2/NDF : 706810.4/21

In: 698.819+/-0.249 χ^2/NDF : 315109.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.325+/-0.169 χ^2/NDF : 706810.4/21

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 109.872 $\pm$ 47.357 χ^2 /NDF: 8.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.630 $\pm$ 43.226 χ^2 /NDF: 12.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

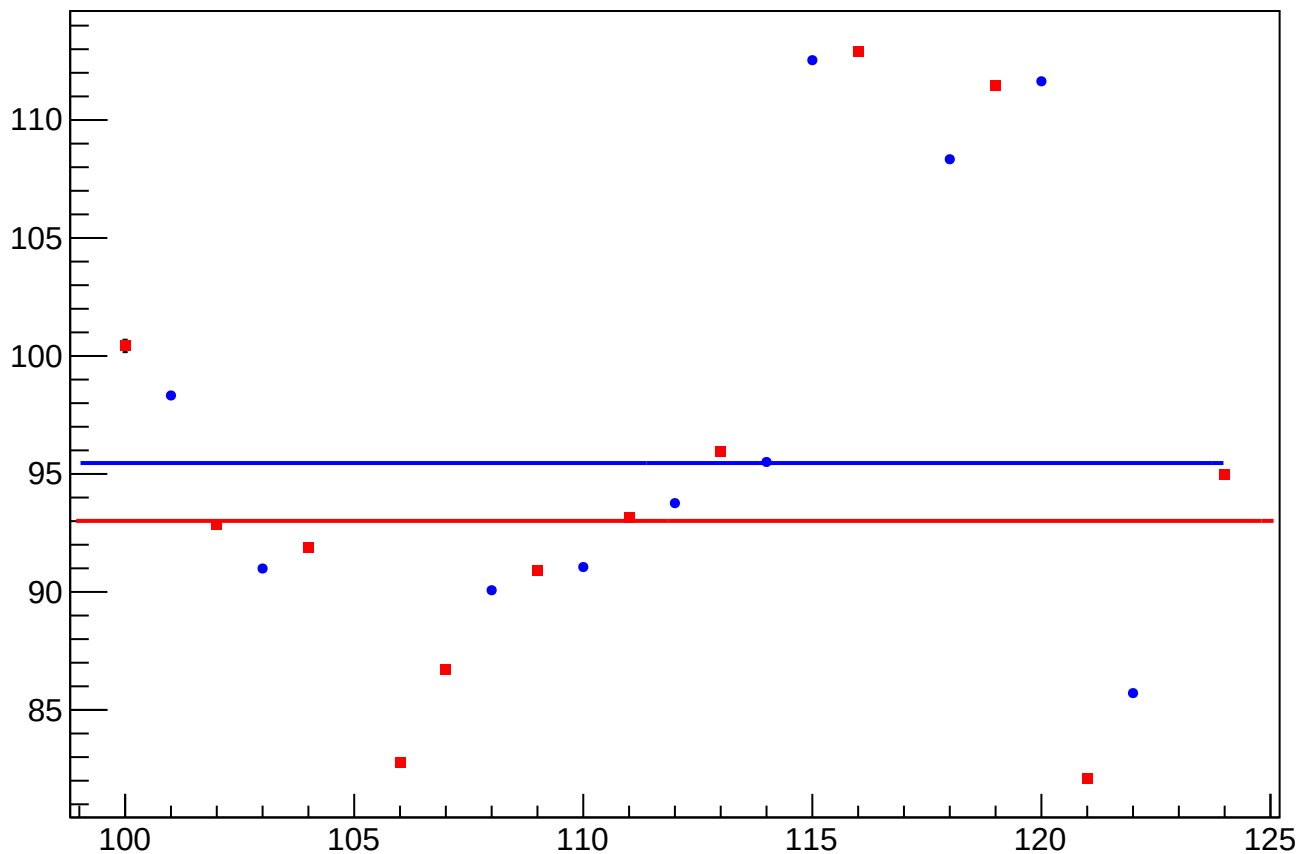
Right: 55.735 $\pm$ 31.926 χ^2 /NDF: 23.2/21

In: 109.872 $\pm$ 47.357 χ^2 /NDF: 8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.735 $\pm$ 31.926 χ^2 /NDF: 23.2/21

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.463+/-0.033 χ^2/NDF : 56202.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.011+/-0.031 χ^2/NDF : 77641.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

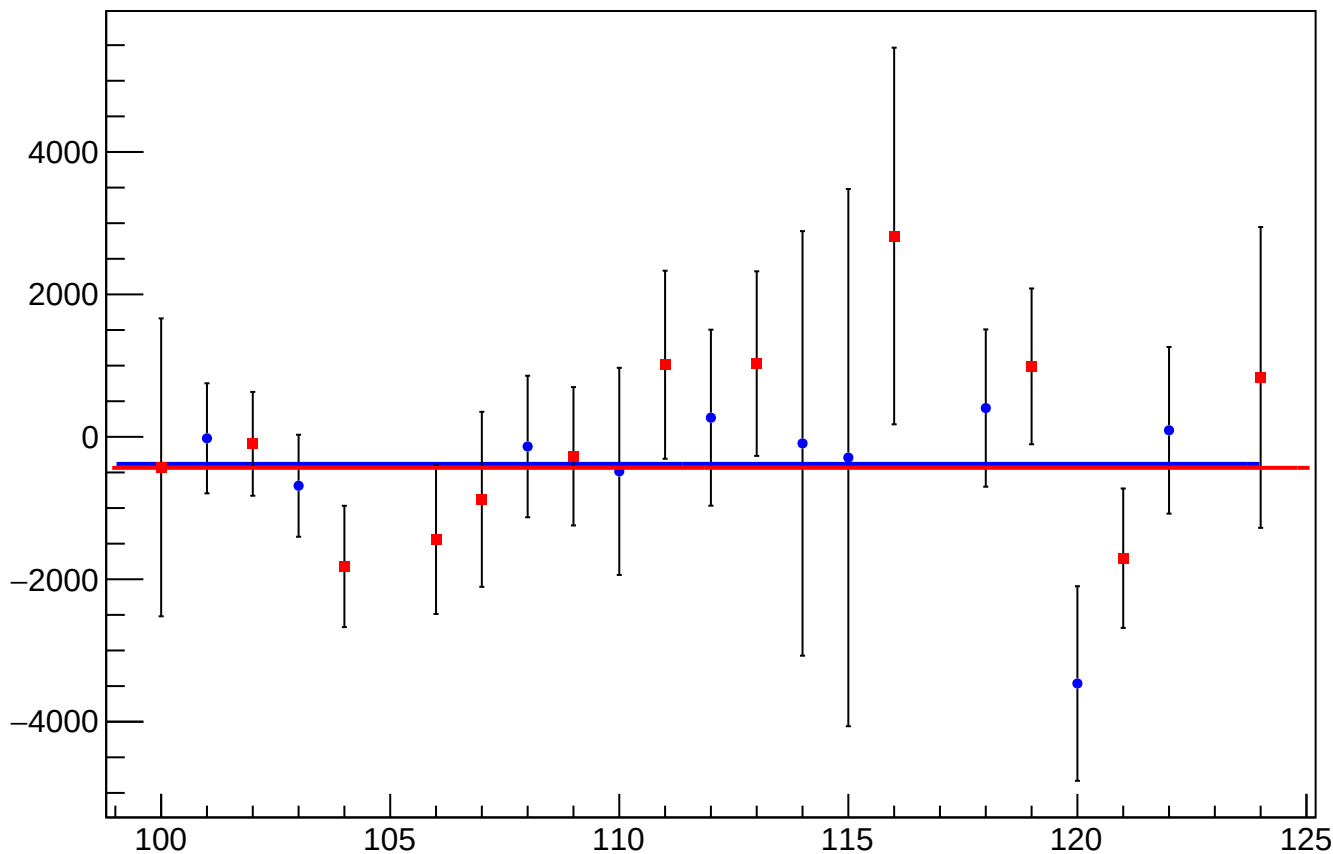
Right: 94.125+/-0.023 χ^2/NDF : 136768.6/21

In: 95.463+/-0.033 χ^2/NDF : 56202.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.125+/-0.023 χ^2/NDF : 136768.6/21

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -379.977+/-352.820 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -435.145+/-323.708 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

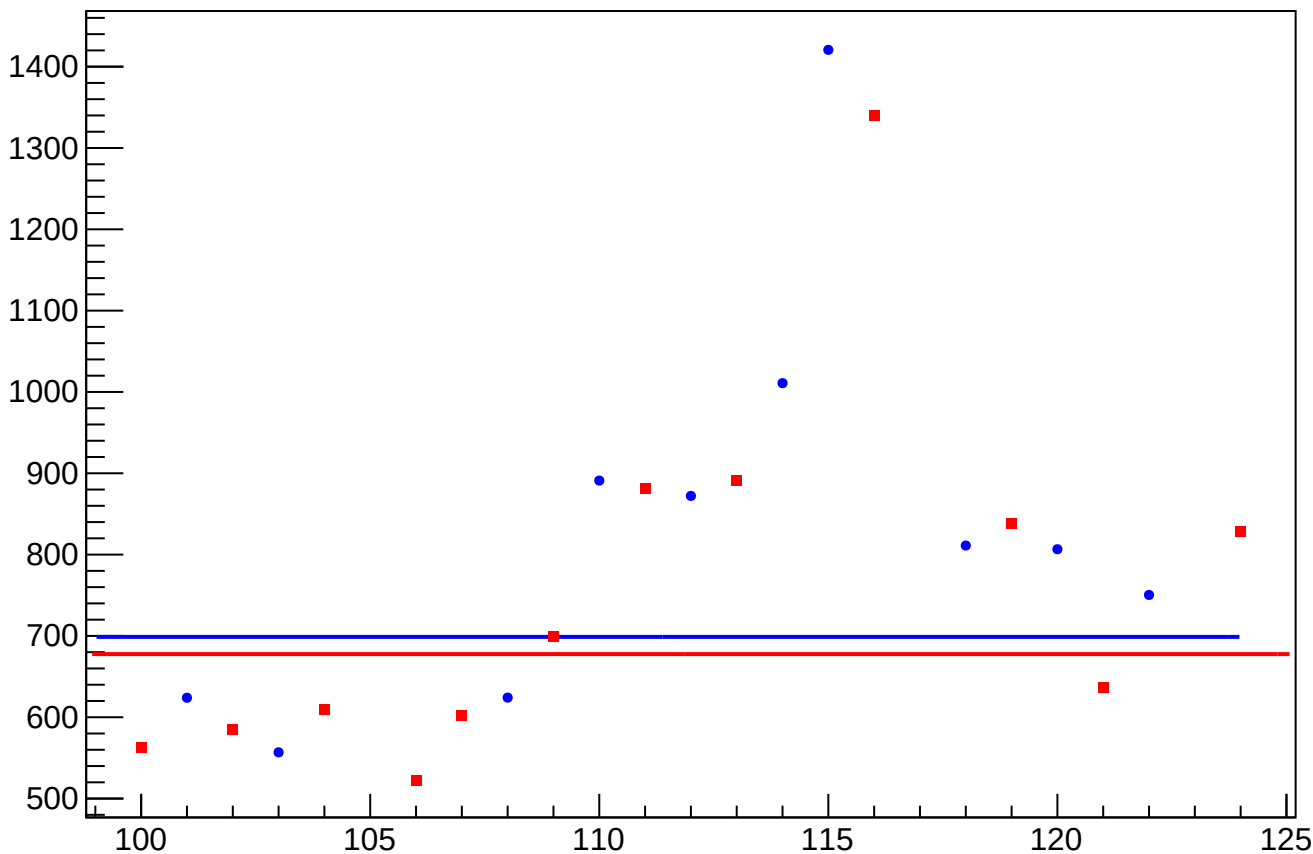
Right: -409.931+/-238.525 χ^2/NDF : 18.2/21

In: -379.977+/-352.820 χ^2/NDF :6.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -409.931+/-238.525 χ^2/NDF : 18.2/21

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 698.819+/-0.249 χ^2/NDF : 315109.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 677.649+/-0.229 χ^2/NDF : 387791.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

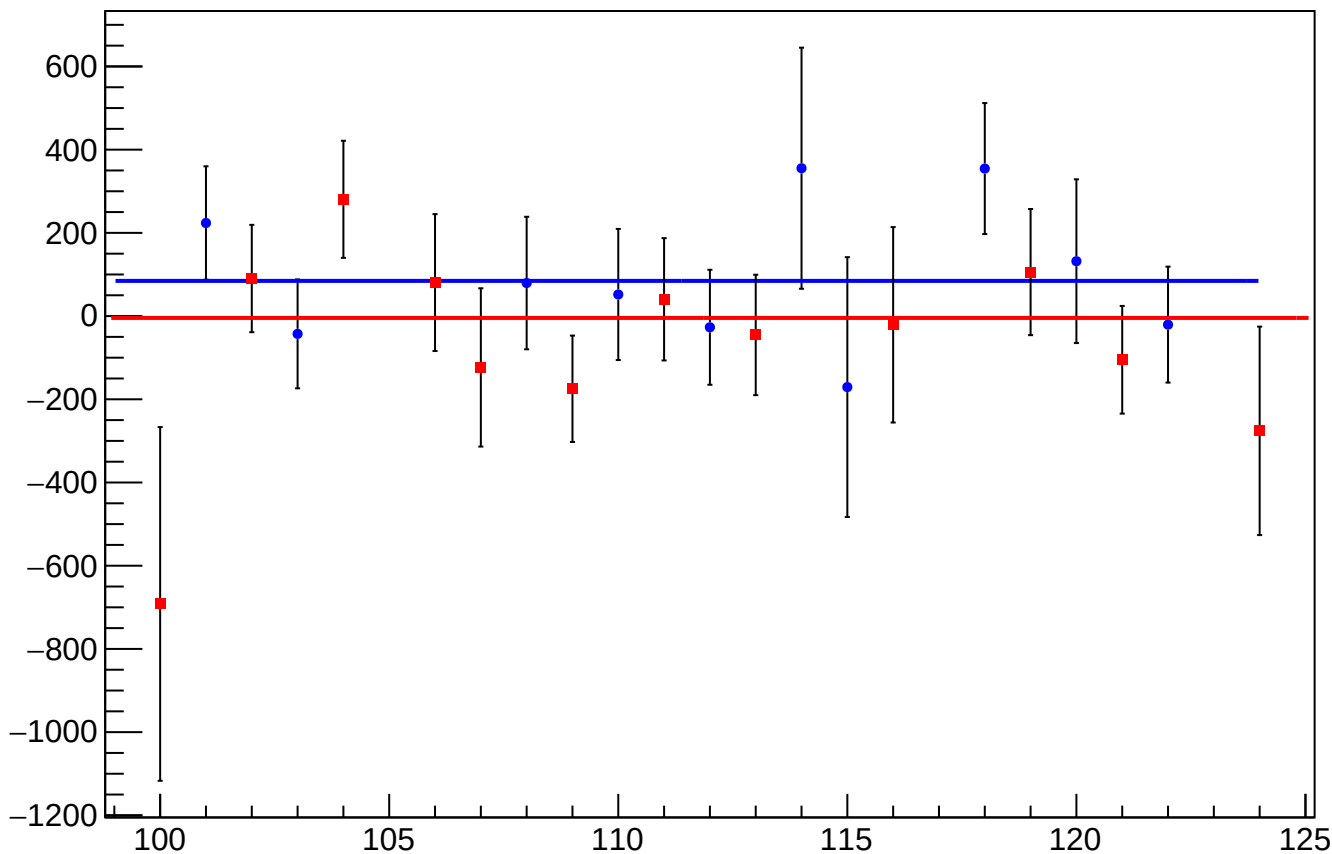
Right: 687.325+/-0.169 χ^2/NDF : 706810.4/21

In: 698.819+/-0.249 χ^2/NDF : 315109.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.325+/-0.169 χ^2/NDF : 706810.4/21

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 84.582+/-51.025 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.426+/-45.970 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

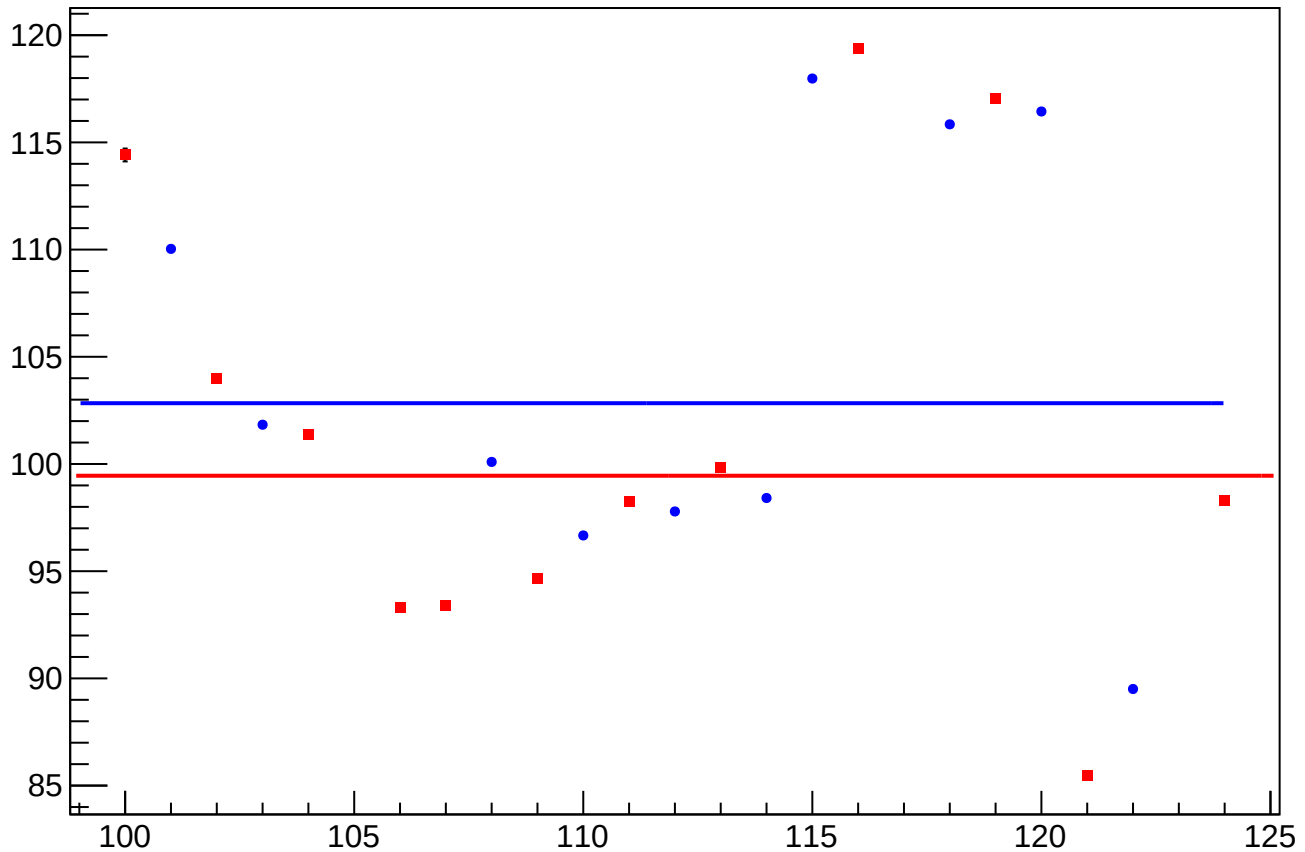
Right: 35.452+/-34.154 χ^2/NDF : 21.6/21

In: 84.582+/-51.025 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.452+/-34.154 χ^2/NDF : 21.6/21

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 102.835 $\pm$ 0.036 χ^2 /NDF: 58698.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.452 $\pm$ 0.033 χ^2 /NDF: 77947.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

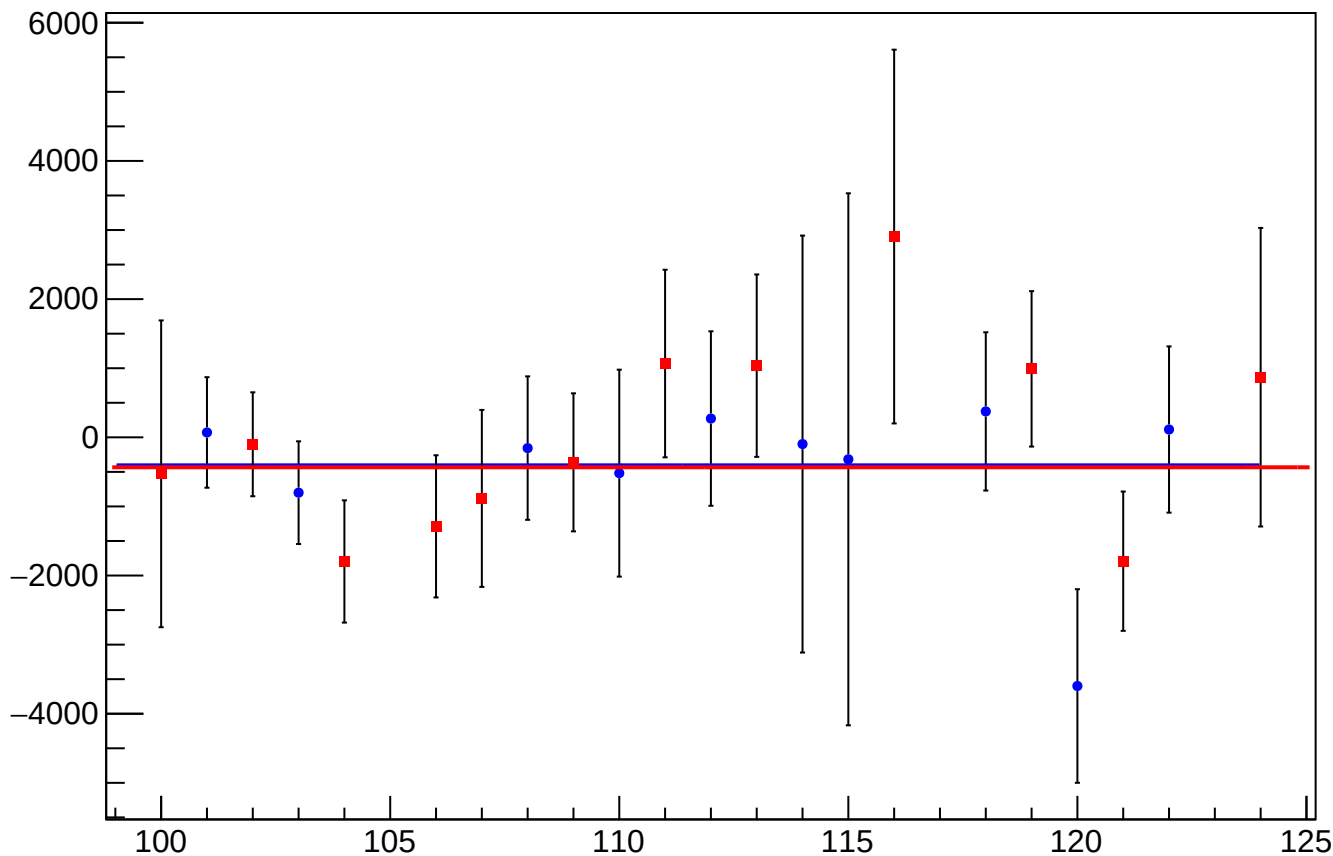
Right: 100.968 $\pm$ 0.024 χ^2 /NDF: 141499.1/21

In: 102.835 $\pm$ 0.036 χ^2 /NDF:58698.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.968 $\pm$ 0.024 χ^2 /NDF: 141499.1/21

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -405.373+/-364.756 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -433.447+/-332.443 χ^2/NDF : 11.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

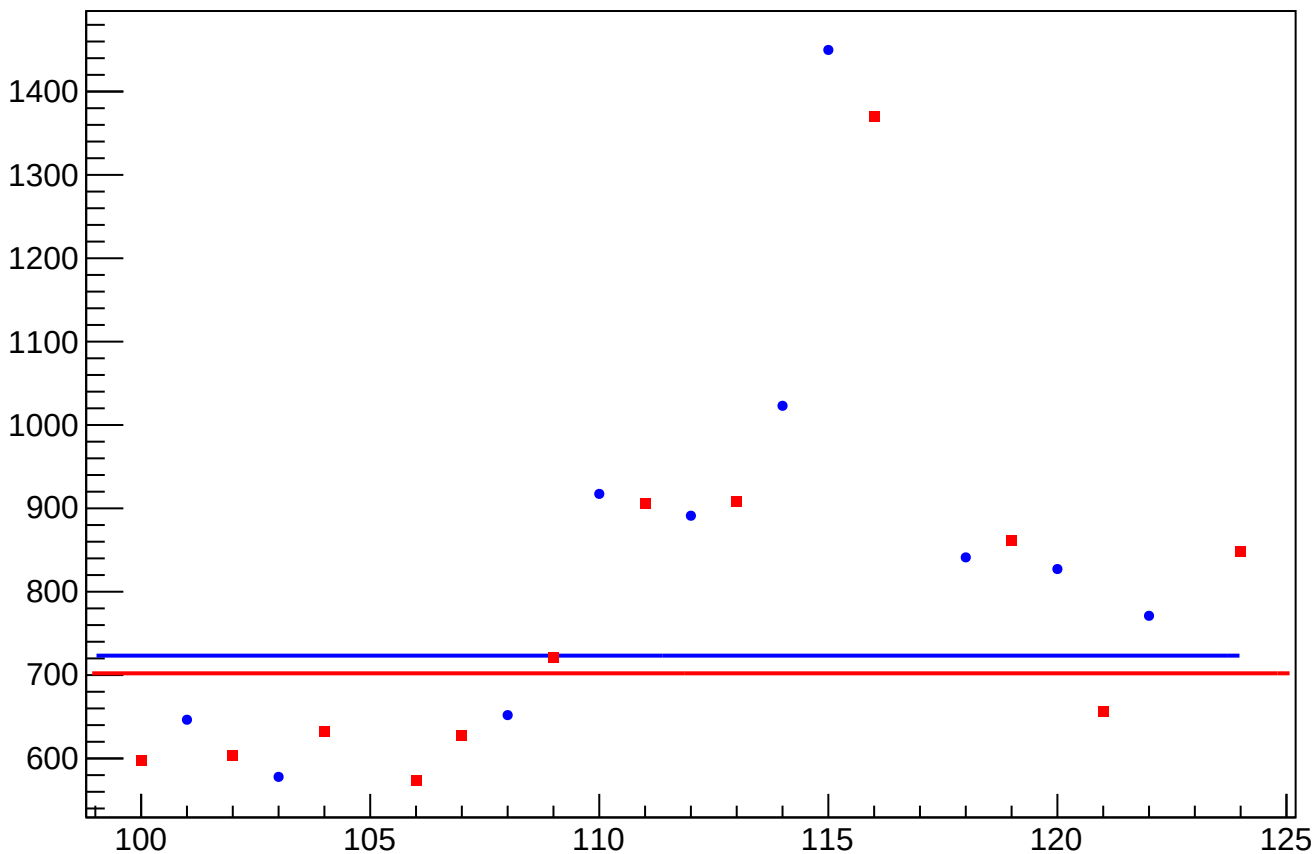
Right: -420.709+/-245.704 χ^2/NDF : 18.0/21

In: -405.373+/-364.756 χ^2/NDF :6.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -420.709+/-245.704 χ^2/NDF : 18.0/21

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 723.329+/-0.258 χ^2/NDF : 299746.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 702.127+/-0.235 χ^2/NDF : 358363.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

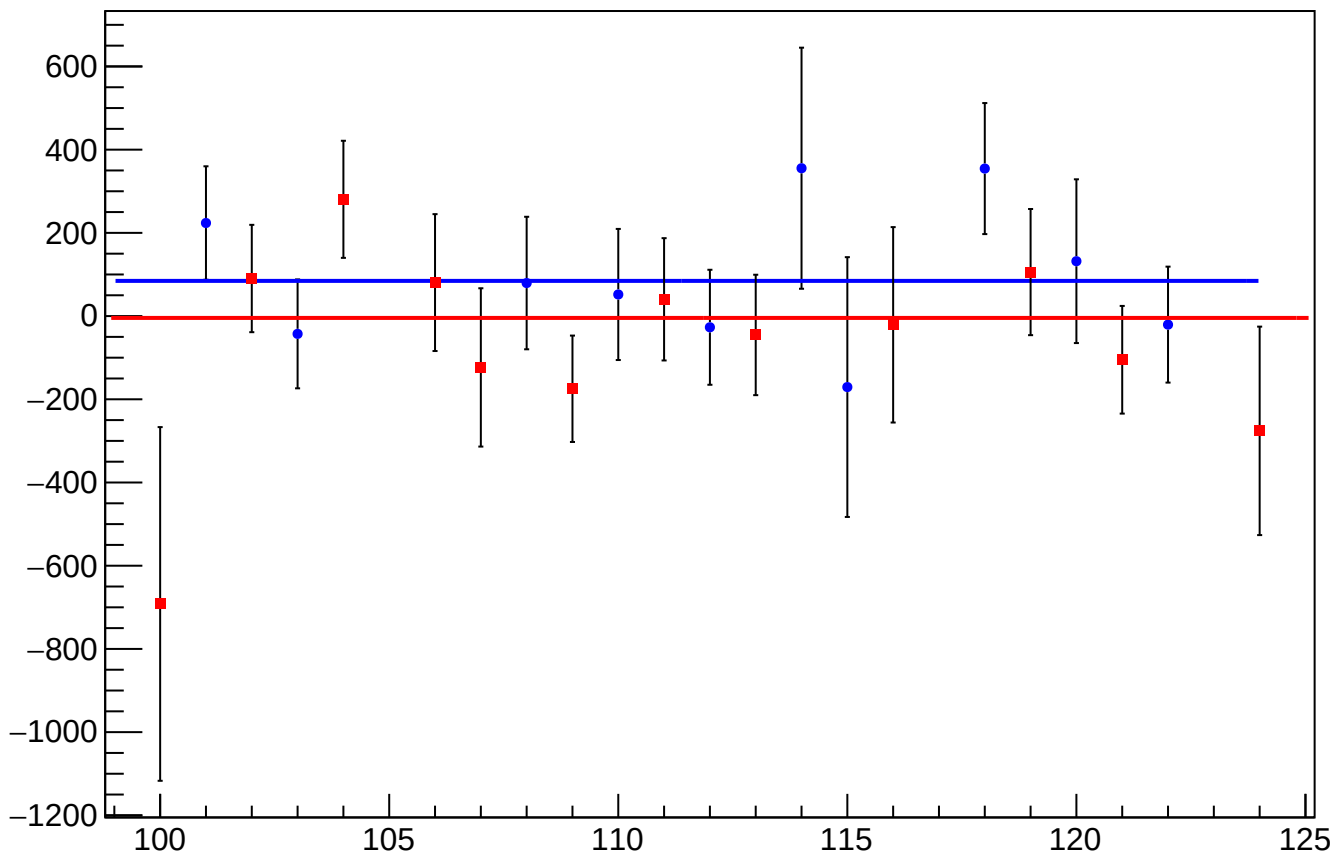
Right: 711.748+/-0.174 χ^2/NDF : 661800.7/21

In: 723.329+/-0.258 χ^2/NDF : 299746.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.748+/-0.174 χ^2/NDF : 661800.7/21

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 84.583+/-51.025 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.427+/-45.970 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

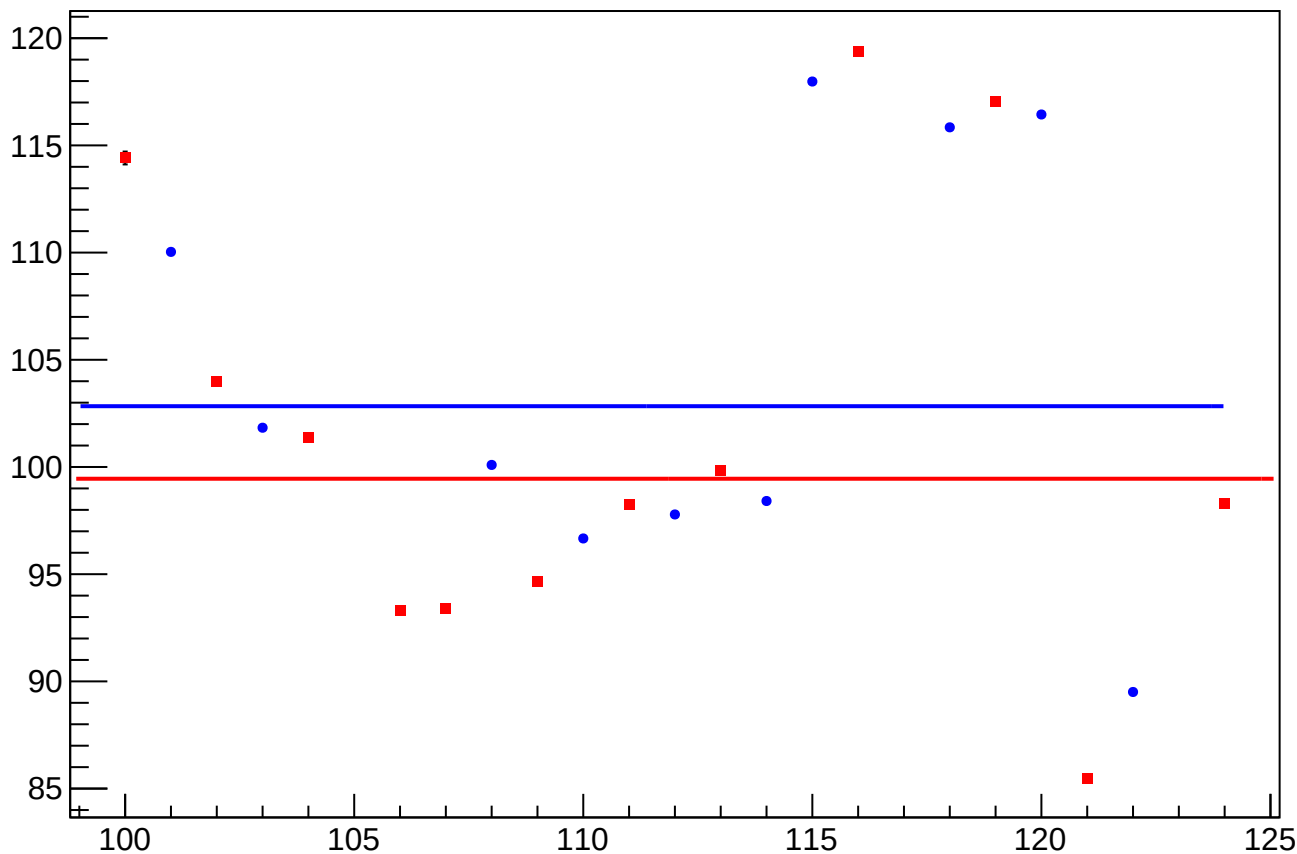
Right: 35.452+/-34.154 χ^2/NDF : 21.6/21

In: 84.583+/-51.025 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.452+/-34.154 χ^2/NDF : 21.6/21

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 102.835 $\pm$ 0.036 χ^2 /NDF: 58697.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.452 $\pm$ 0.033 χ^2 /NDF: 77947.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

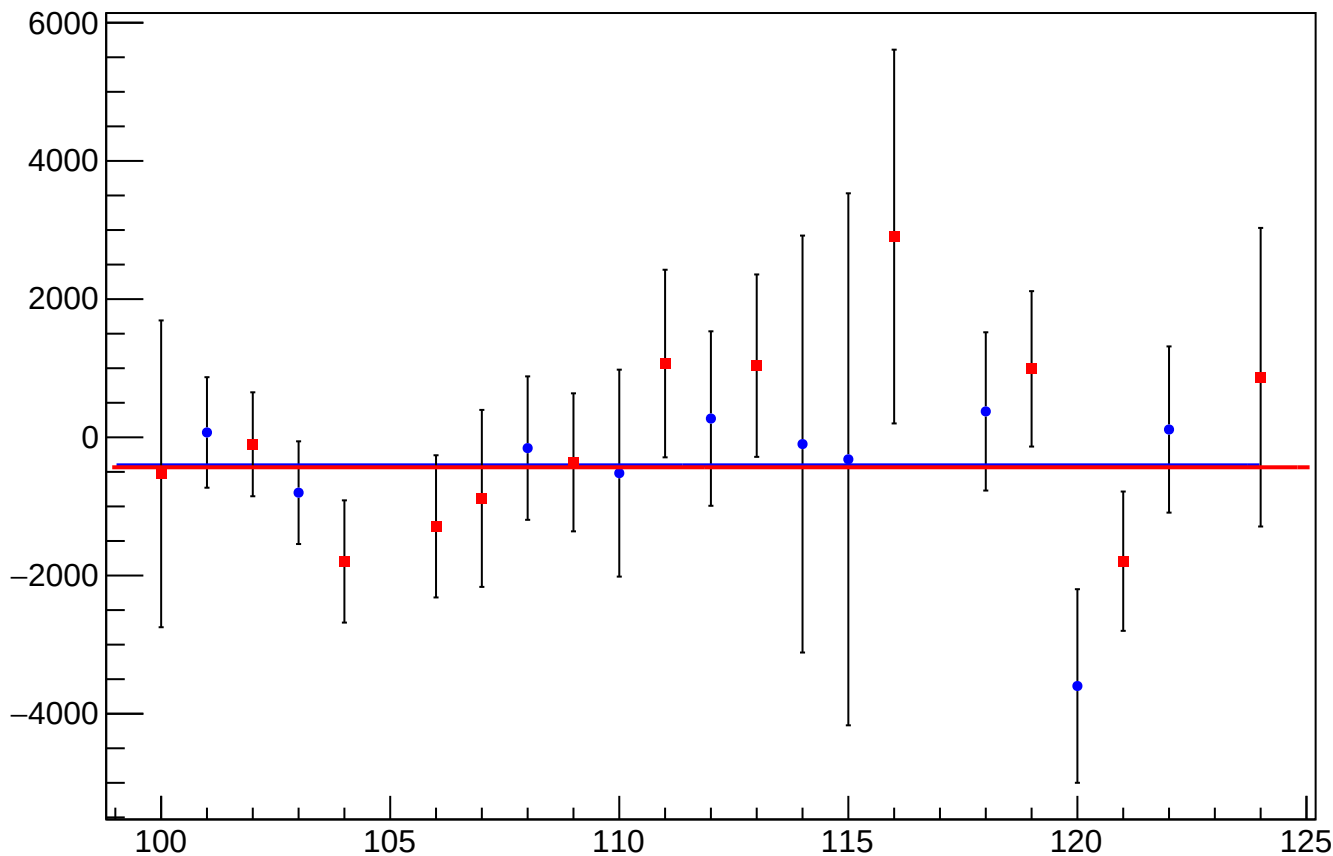
Right: 100.968 $\pm$ 0.024 χ^2 /NDF: 141499.4/21

In: 102.835 $\pm$ 0.036 χ^2 /NDF: 58697.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.968 $\pm$ 0.024 χ^2 /NDF: 141499.4/21

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -405.373+/-364.756 χ^2 /NDF: 6.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -433.448+/-332.442 χ^2 /NDF: 11.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

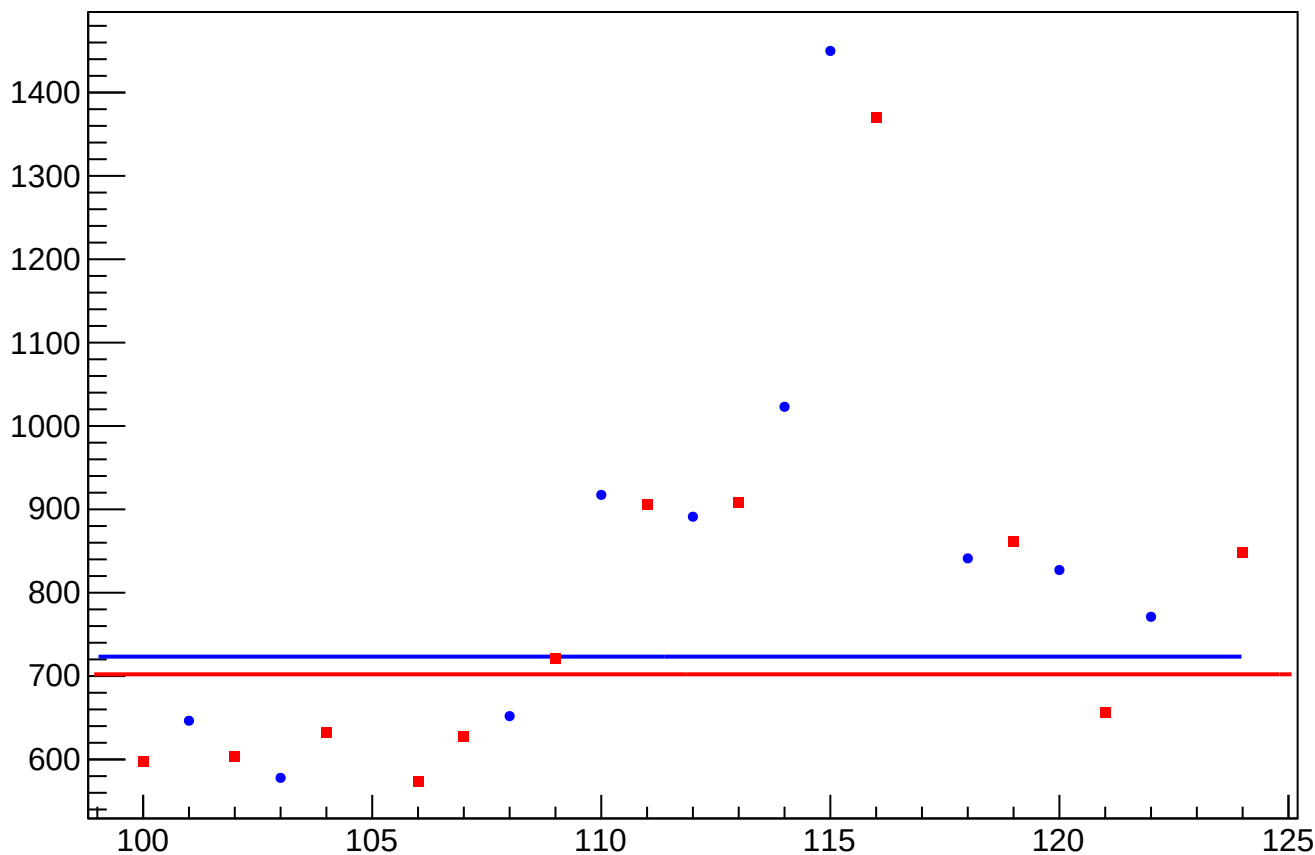
Right: -420.709+/-245.703 χ^2 /NDF: 18.0/21

In: -405.373+/-364.756 χ^2 /NDF:6.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -420.709+/-245.703 χ^2 /NDF: 18.0/21

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 723.328+/-0.258 χ^2/NDF : 299746.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 702.126+/-0.235 χ^2/NDF : 358362.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

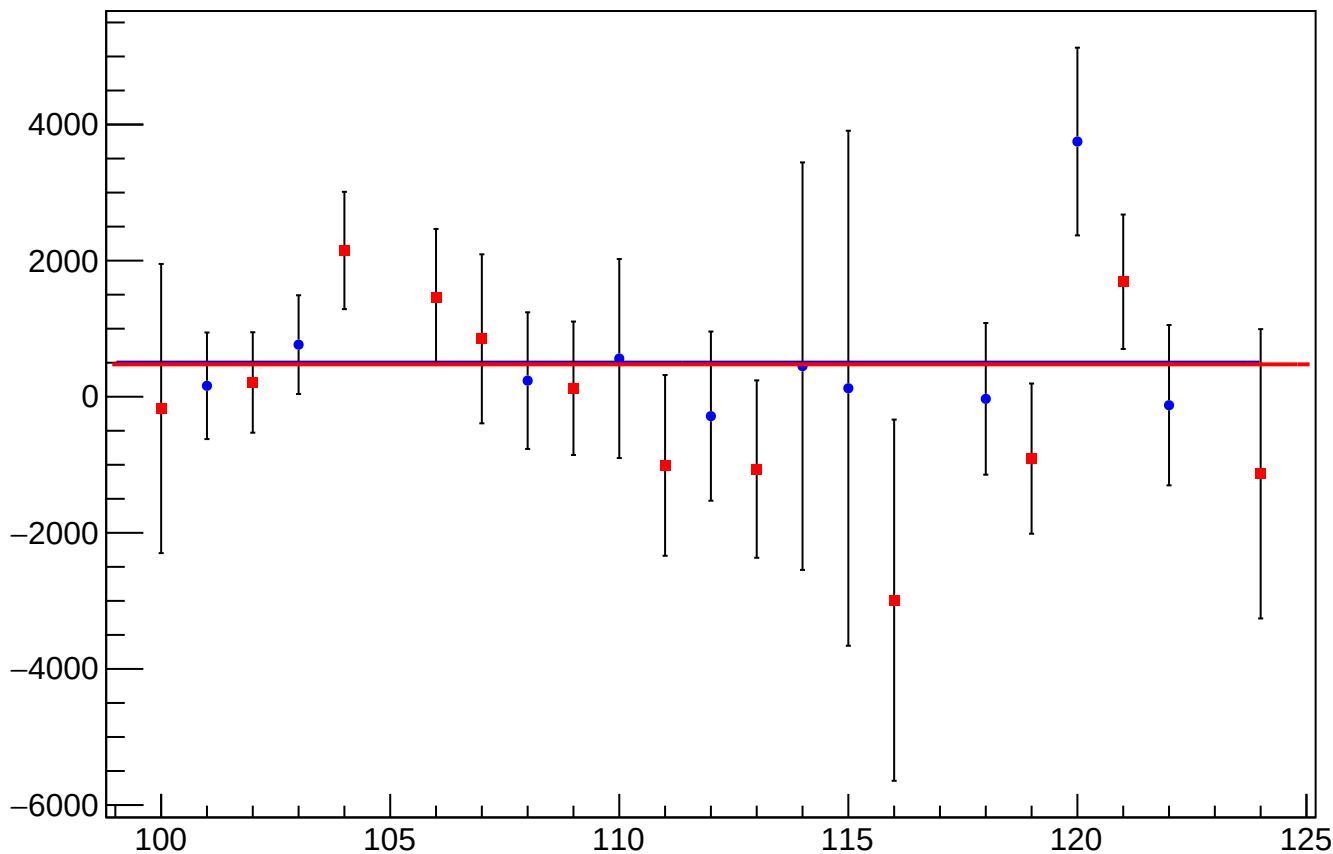
Right: 711.747+/-0.174 χ^2/NDF : 661799.9/21

In: 723.328+/-0.258 χ^2/NDF : 299746.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.747+/-0.174 χ^2/NDF : 661799.9/21

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 501.029+/-356.462 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 475.810+/-325.190 χ^2/NDF : 13.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

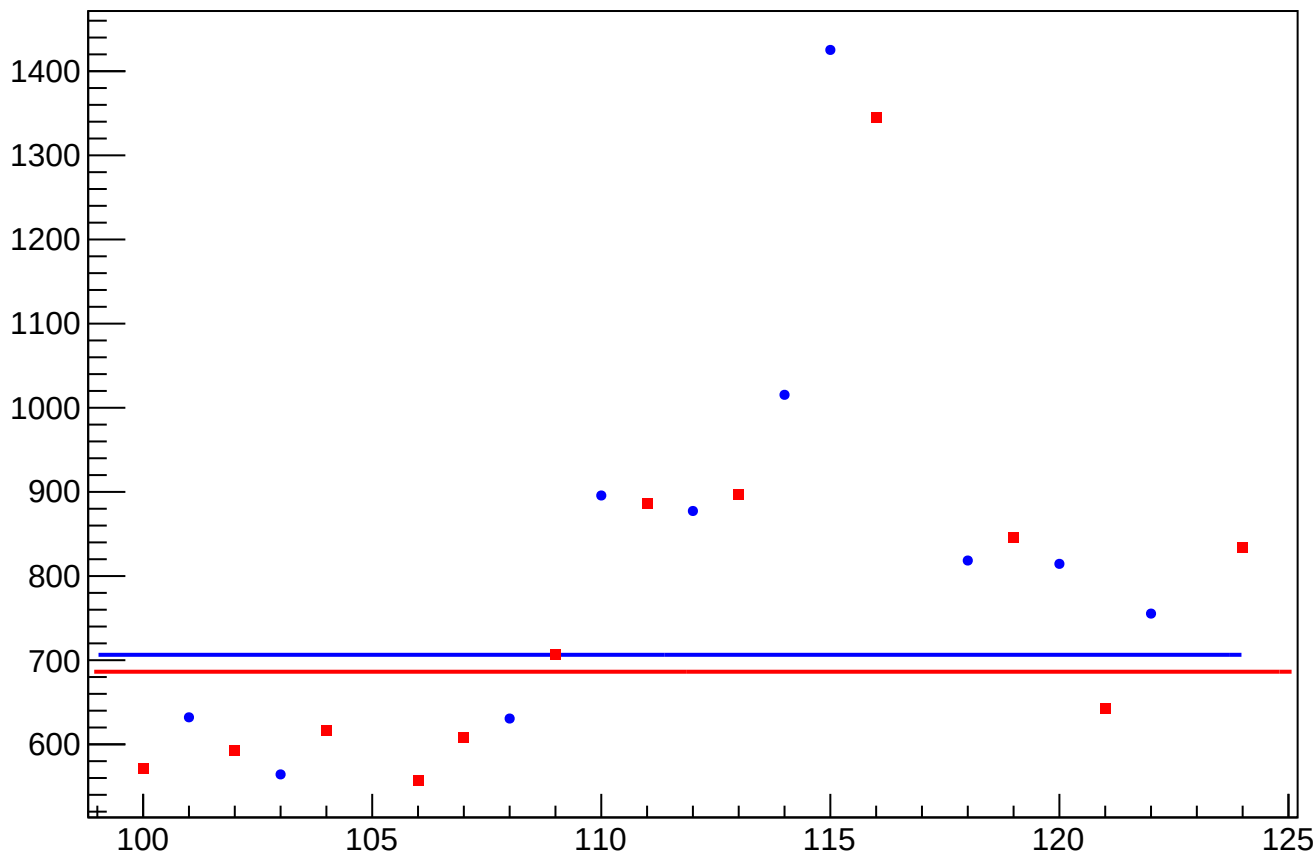
Right: 487.265+/-240.240 χ^2/NDF : 20.1/21

In: 501.029+/-356.462 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.265+/-240.240 χ^2/NDF : 20.1/21

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 706.407+/-0.252 χ^2/NDF : 306917.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.294+/-0.230 χ^2/NDF : 368878.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

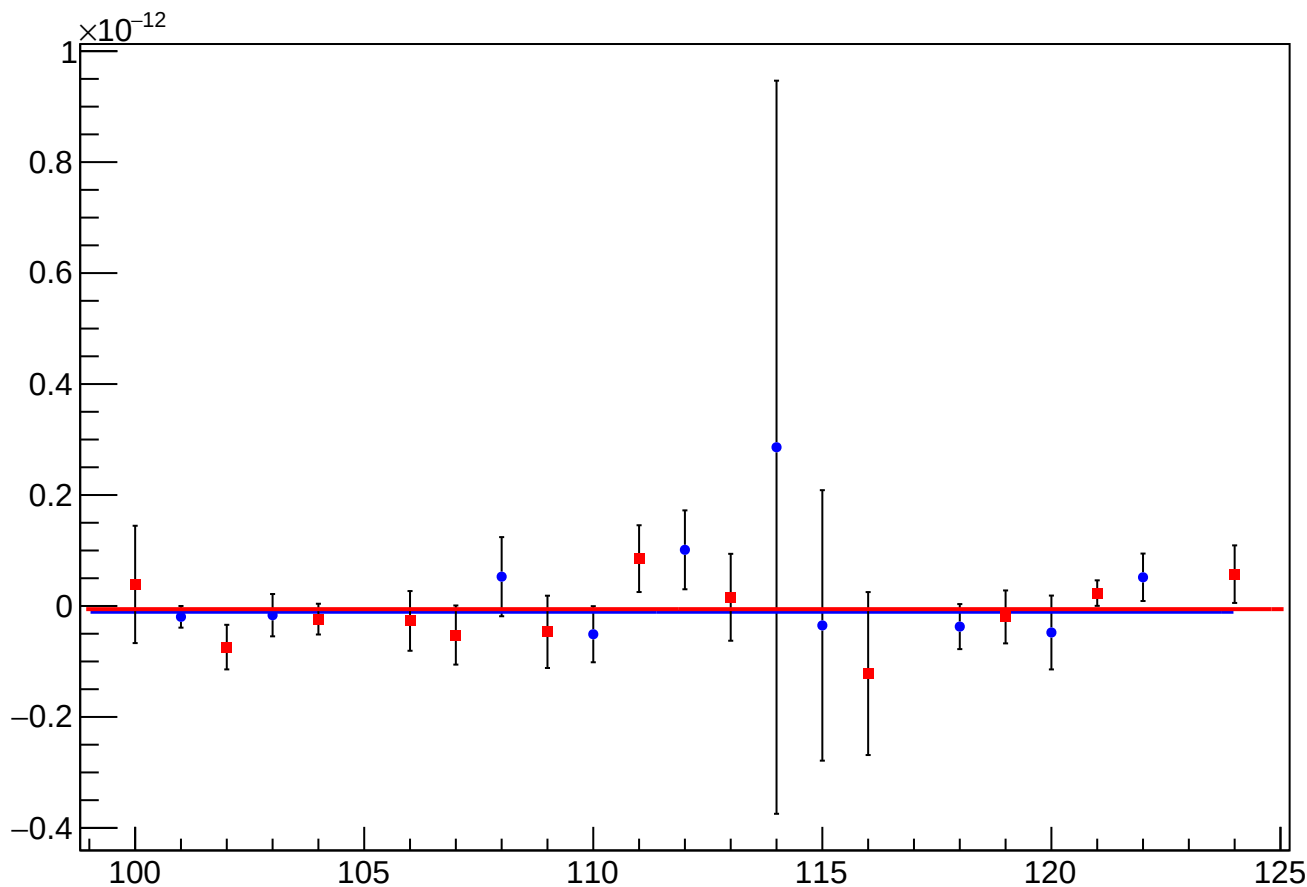
Right: 695.430+/-0.170 χ^2/NDF : 679270.5/21

In: 706.407+/-0.252 χ^2/NDF : 306917.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.430+/-0.170 χ^2/NDF : 679270.5/21

asym_sam_15_dd_reg_vs_cor_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: 10.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

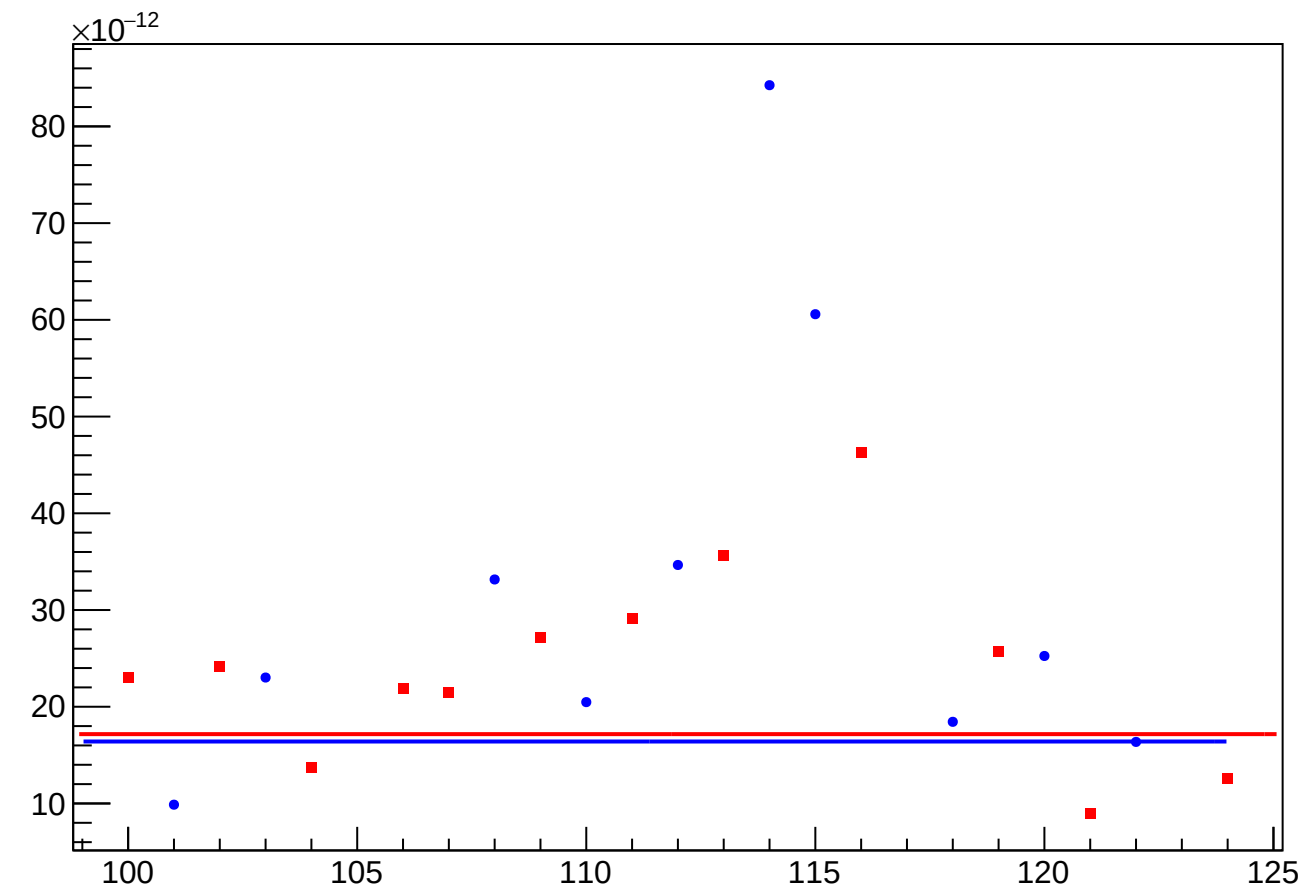
Right: -0.000+/-0.000 χ^2 /NDF: 18.2/21

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: 18.2/21

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 666434.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 777114.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

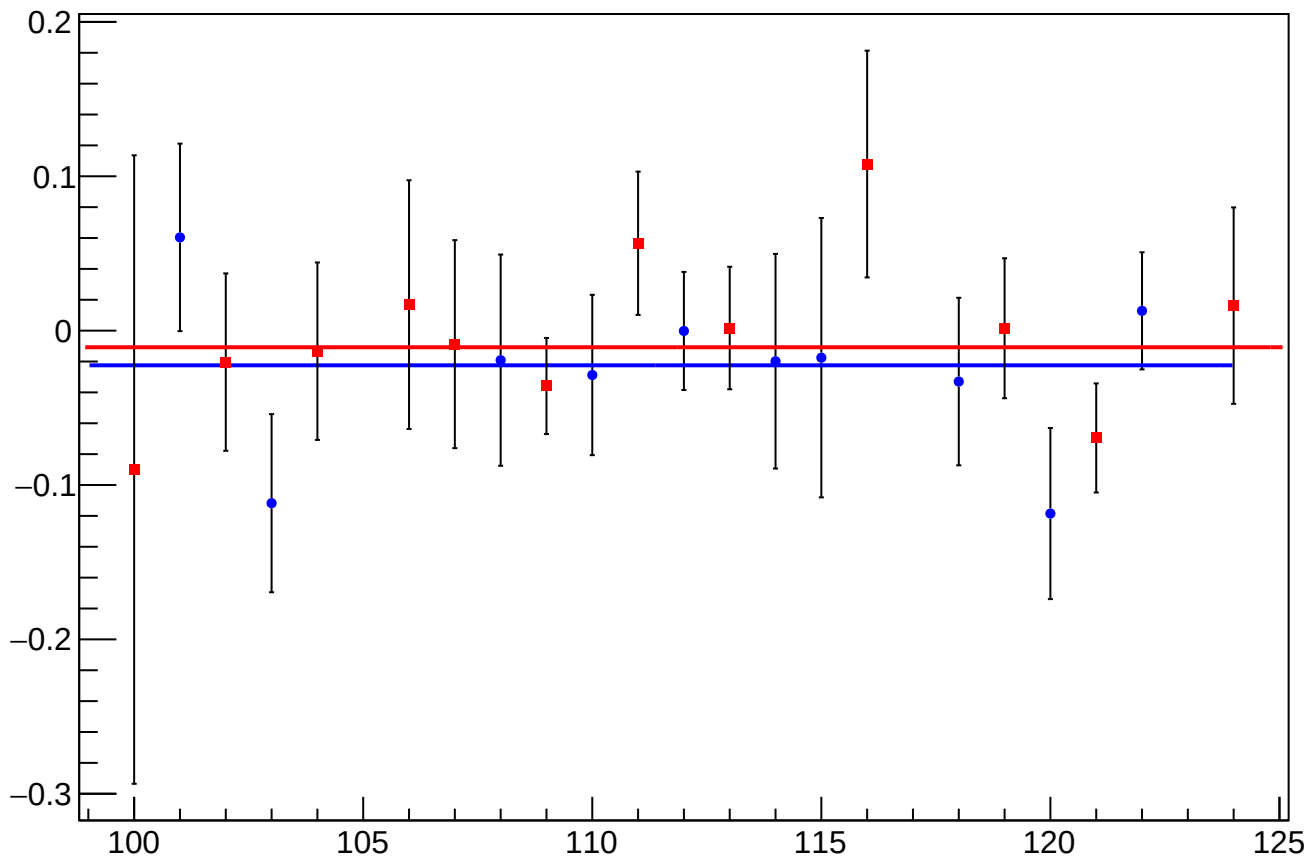
Right: 0.000+/-0.000 χ^2/NDF : 1446919.9/21

In: 0.000+/-0.000 χ^2/NDF : 666434.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1446919.9/21

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.017 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.014 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

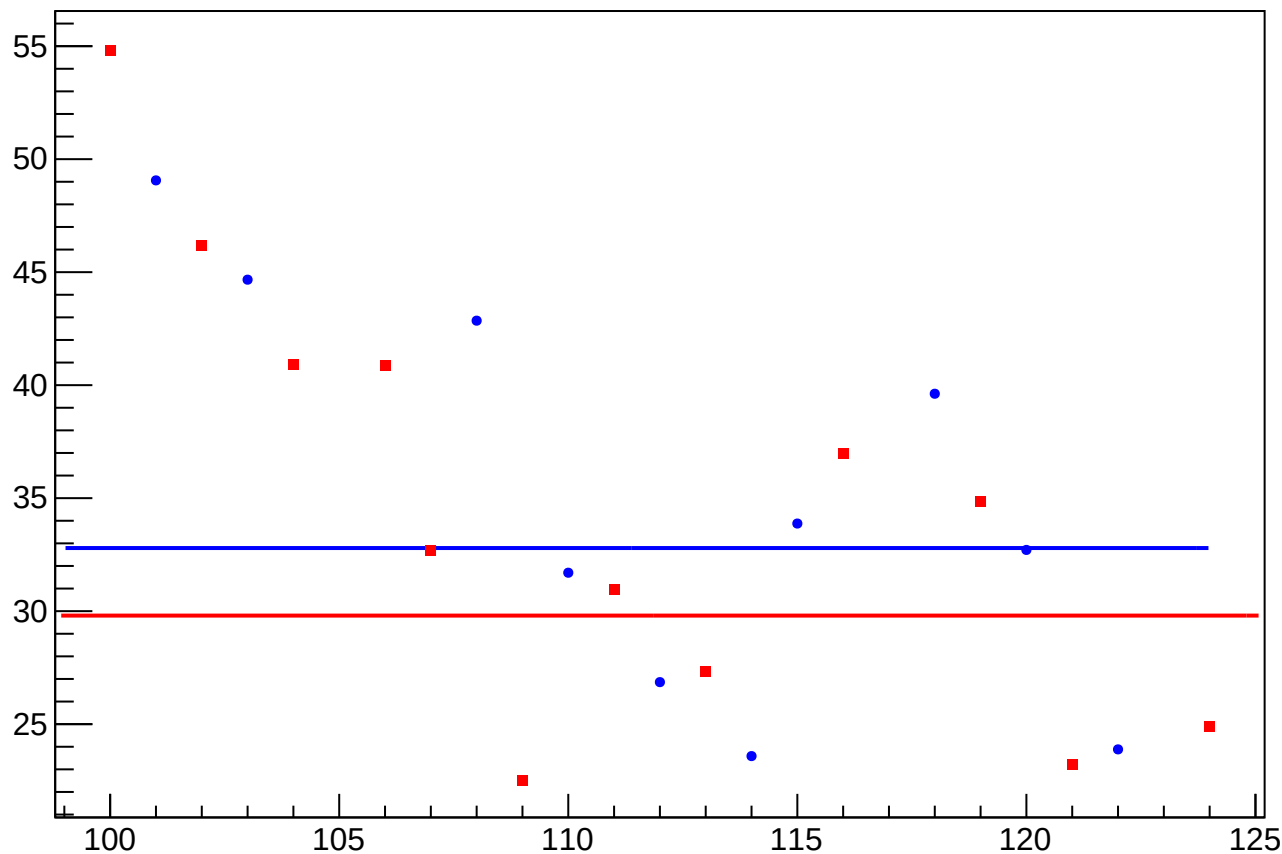
Right: -0.016+/-0.011 χ^2/NDF : 17.6/21

In: -0.022+/-0.017 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.011 χ^2/NDF : 17.6/21

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.793+/-0.012 χ^2/NDF : 497617.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.804+/-0.010 χ^2/NDF : 553133.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

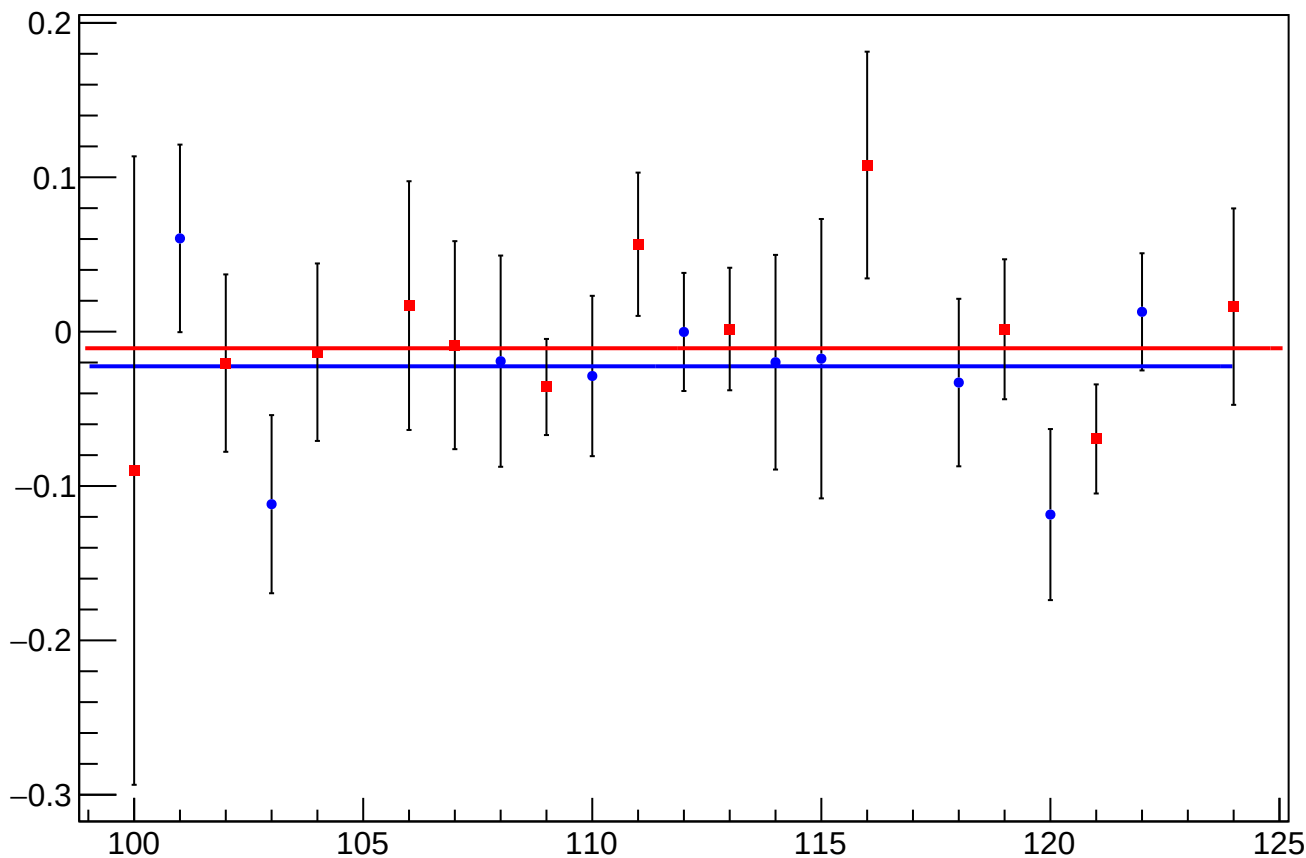
Right: 31.062+/-0.008 χ^2/NDF : 1087255.5/21

In: 32.793+/-0.012 χ^2/NDF : 497617.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.062+/-0.008 χ^2/NDF : 1087255.5/21

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.017 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.011+/-0.014 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

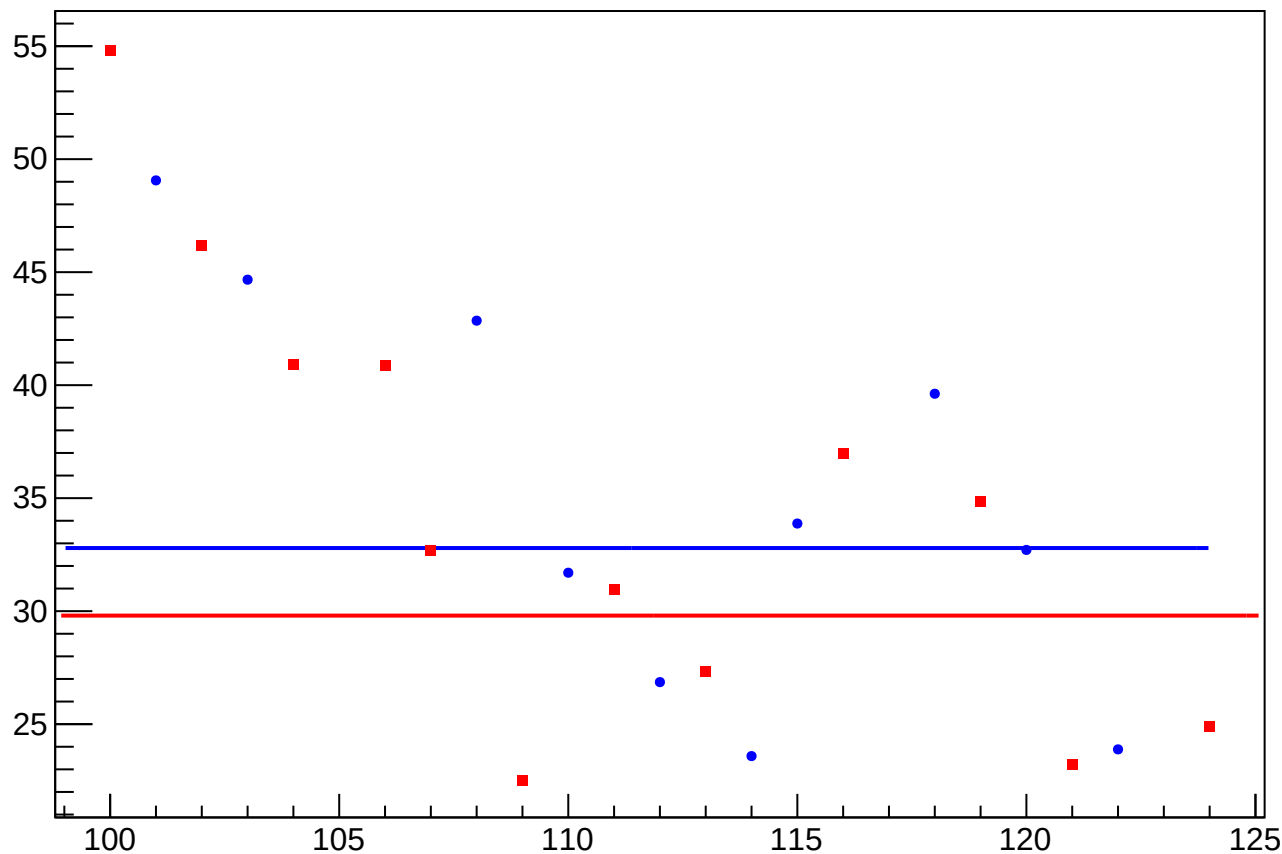
Right: -0.016+/-0.011 χ^2/NDF : 17.6/21

In: -0.022+/-0.017 χ^2/NDF :8.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.011 χ^2/NDF : 17.6/21

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.793+/-0.012 χ^2/NDF : 497617.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.804+/-0.010 χ^2/NDF : 553133.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

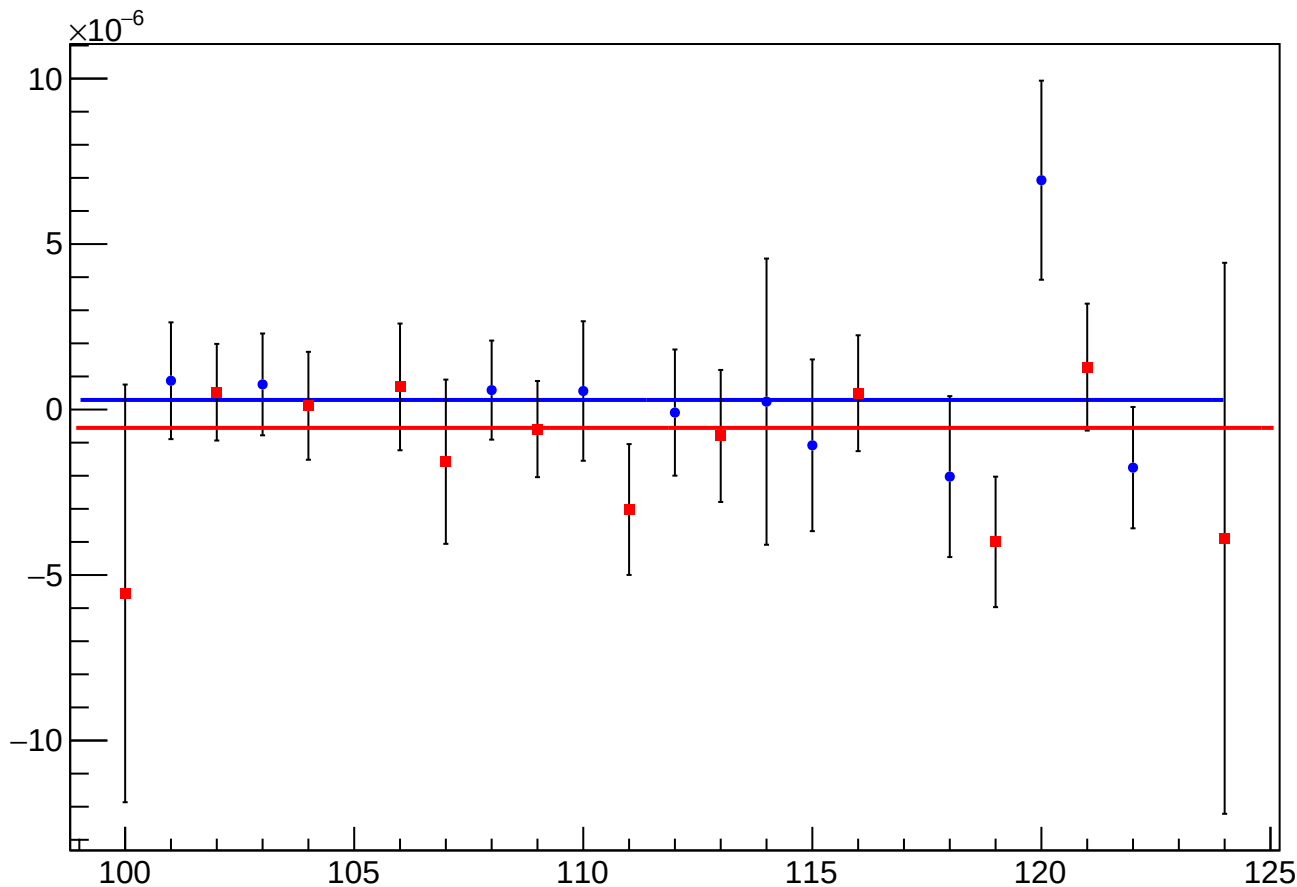
Right: 31.062+/-0.008 χ^2/NDF : 1087255.5/21

In: 32.793+/-0.012 χ^2/NDF :497617.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.062+/-0.008 χ^2/NDF : 1087255.5/21

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

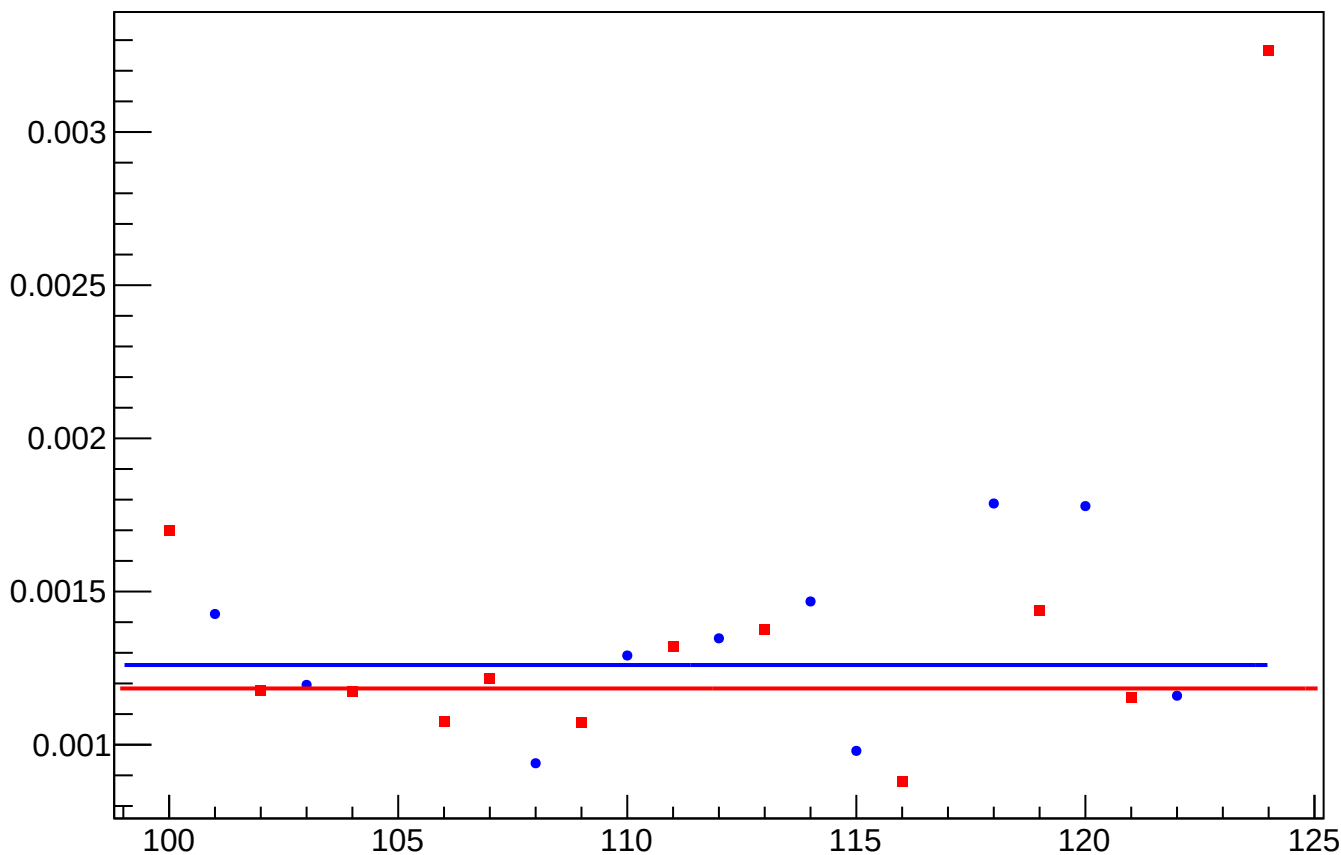
Right: -0.000+/-0.000 χ^2/NDF : 16.6/21

In: 0.000+/-0.000 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.6/21

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 305333.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 279225.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

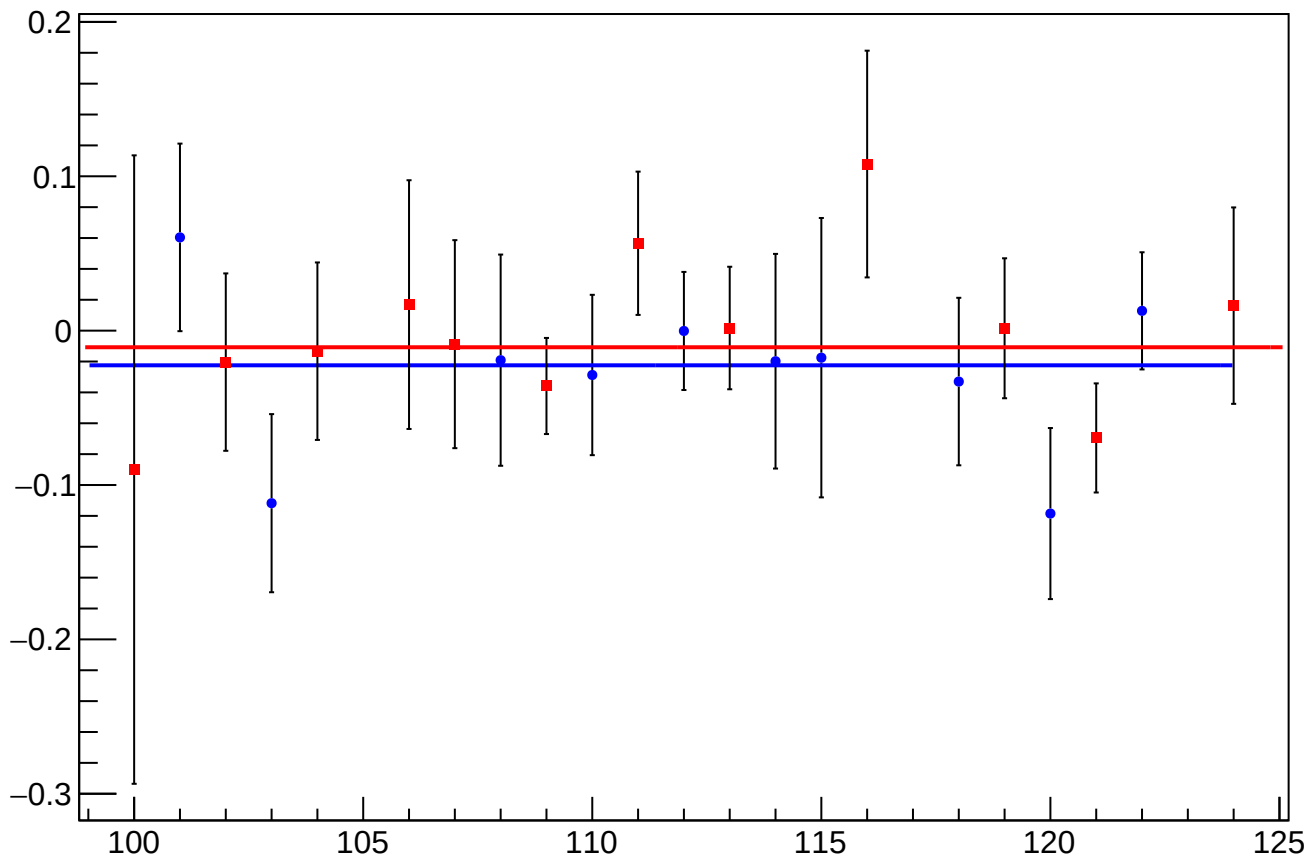
Right: 0.001+/-0.000 χ^2/NDF : 600796.0/21

In: 0.001+/-0.000 χ^2/NDF :305333.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 600796.0/21

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.017 χ^2/NDF : 8.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.014 χ^2/NDF : 8.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

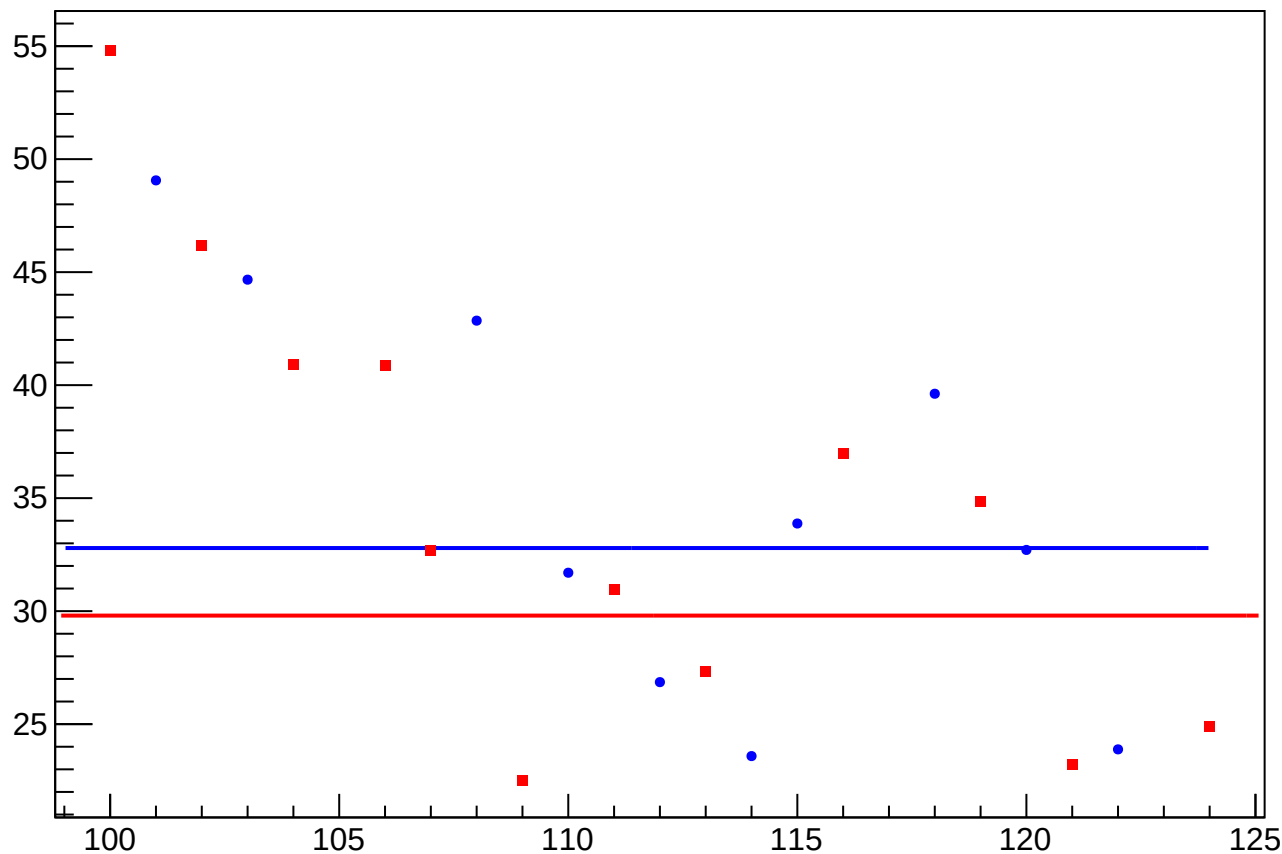
Right: -0.016 ± 0.011 χ^2/NDF : 17.6/21

In: -0.022 ± 0.017 χ^2/NDF : 8.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.011 χ^2/NDF : 17.6/21

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.792+/-0.012 χ^2/NDF : 497631.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.803+/-0.010 χ^2/NDF : 553190.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

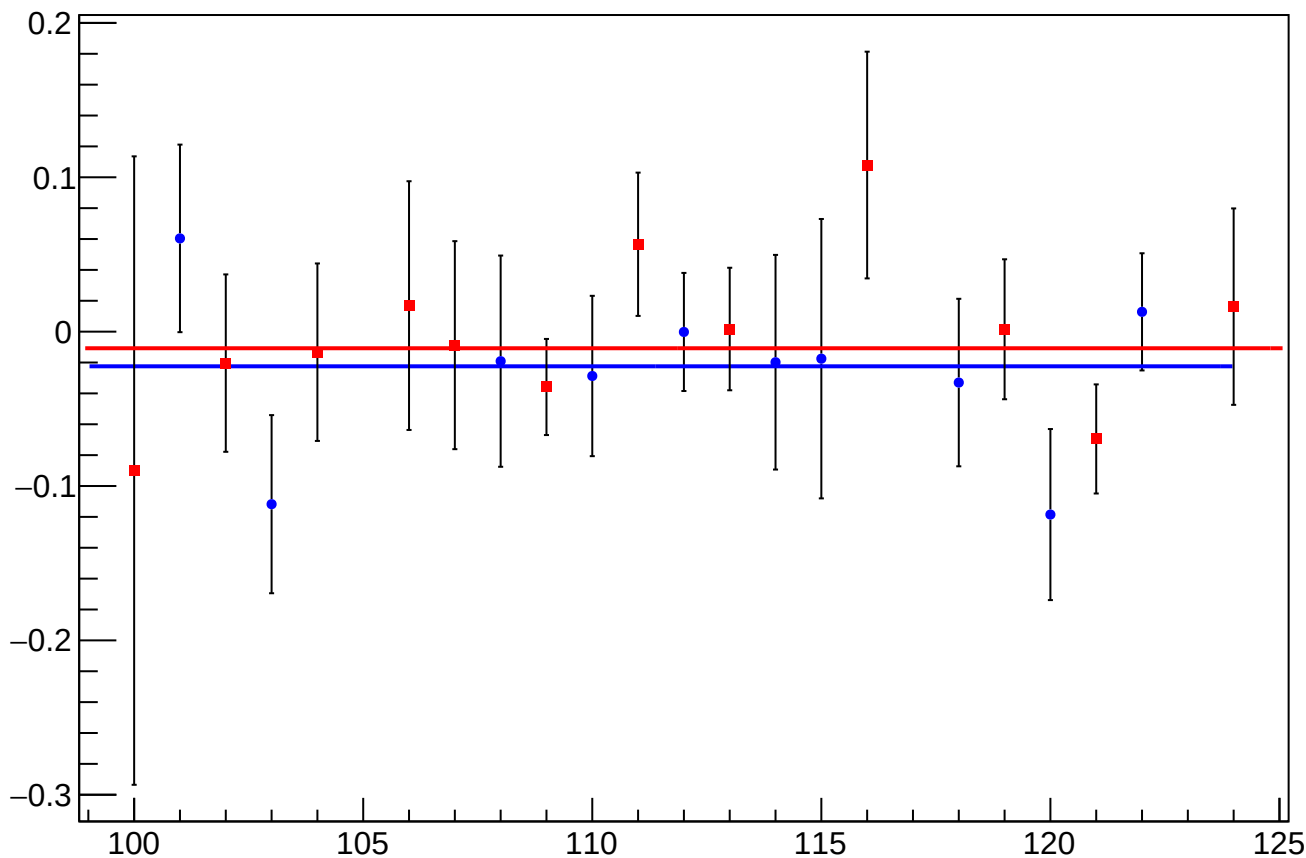
Right: 31.061+/-0.008 χ^2/NDF : 1087334.8/21

In: 32.792+/-0.012 χ^2/NDF :497631.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.061+/-0.008 χ^2/NDF : 1087334.8/21

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.017 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.014 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

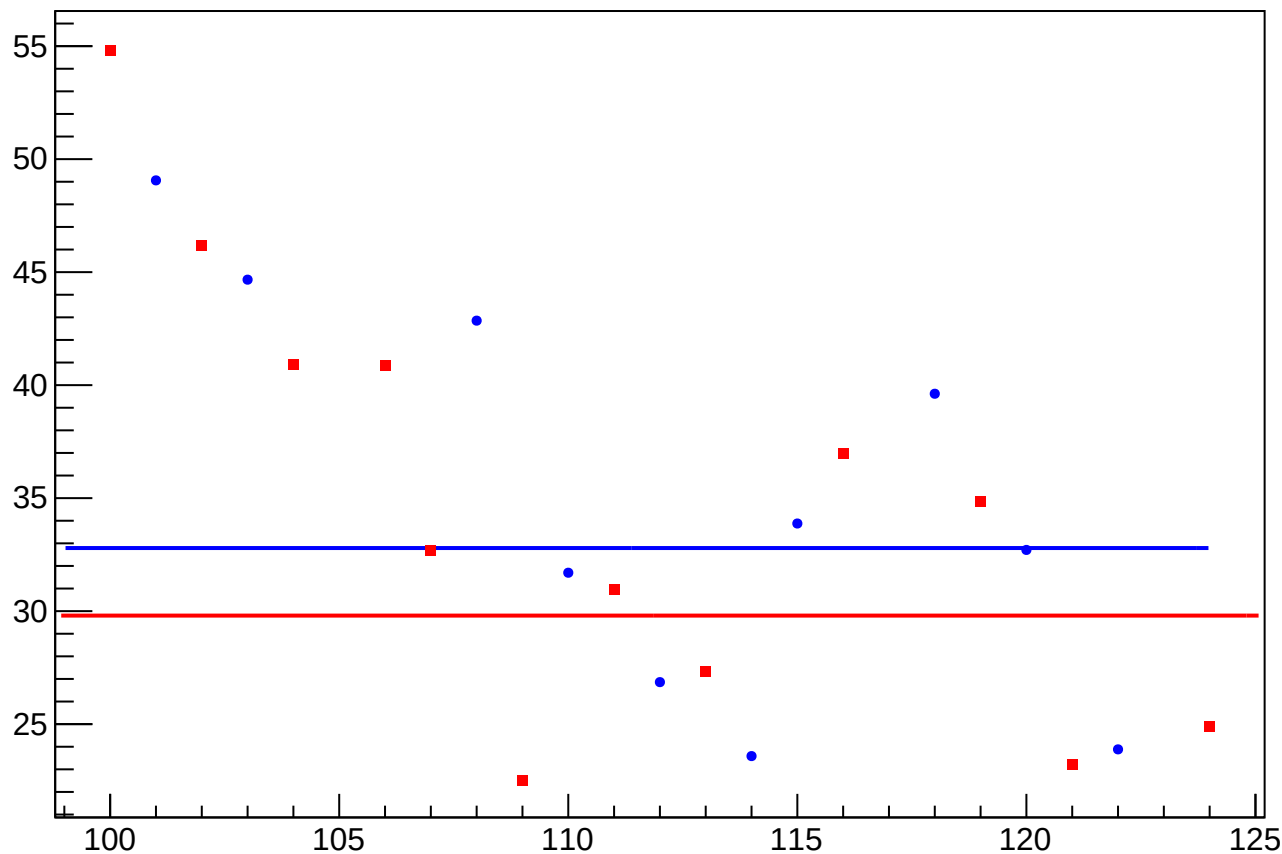
Right: -0.016+/-0.011 χ^2/NDF : 17.6/21

In: -0.022+/-0.017 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.011 χ^2/NDF : 17.6/21

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.792+/-0.012 χ^2/NDF : 497631.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.803+/-0.010 χ^2/NDF : 553190.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

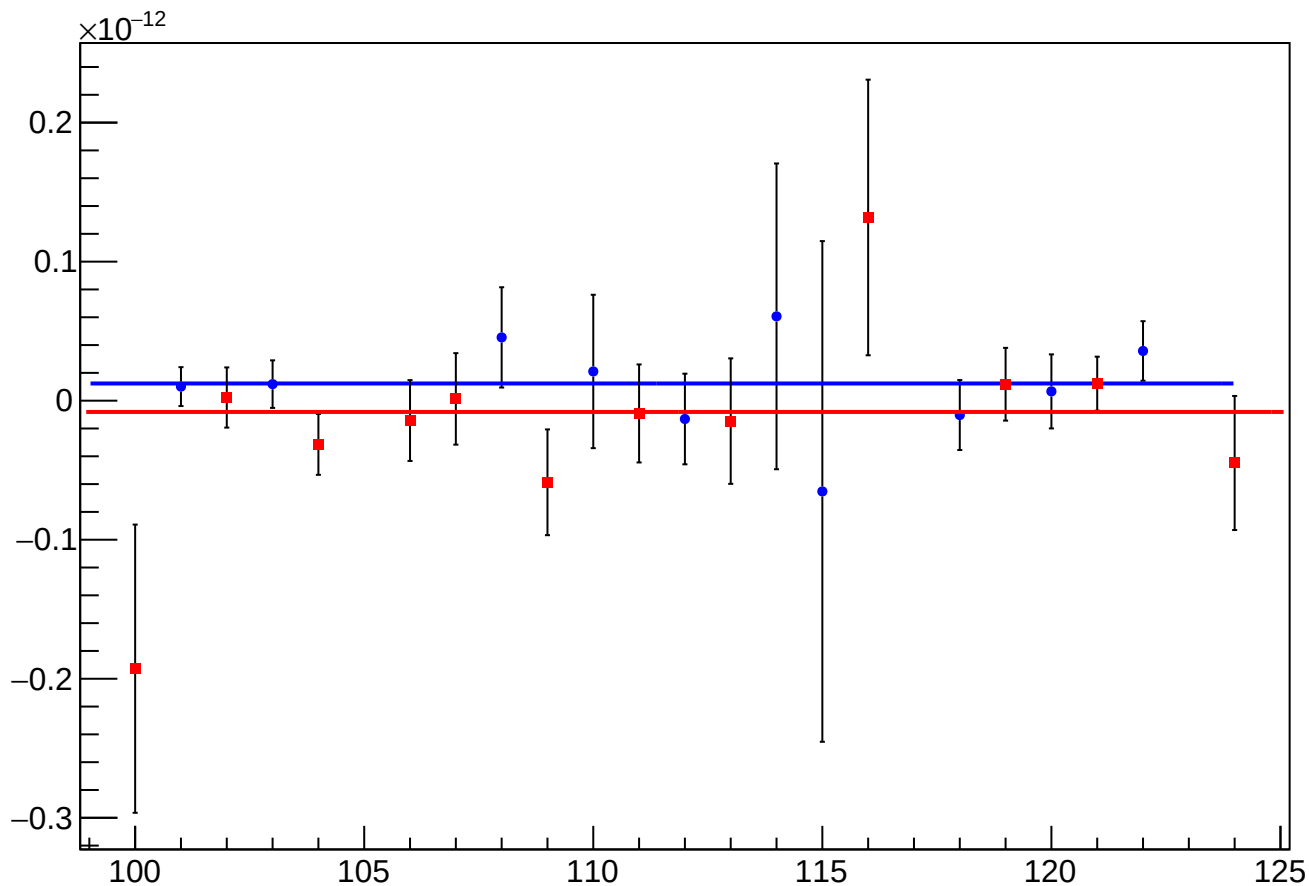
Right: 31.061+/-0.008 χ^2/NDF : 1087334.8/21

In: 32.792+/-0.012 χ^2/NDF : 497631.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.061+/-0.008 χ^2/NDF : 1087334.8/21

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

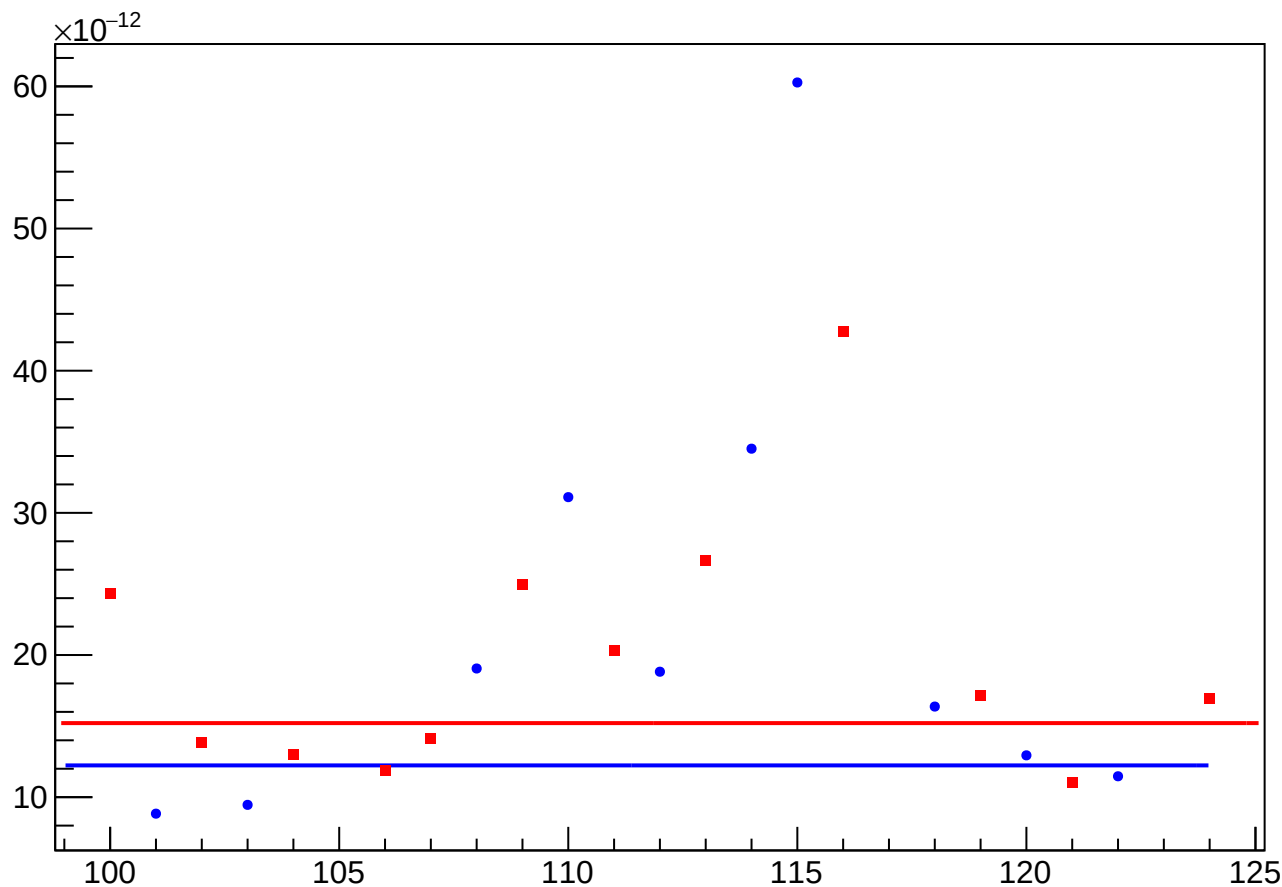
Right: 0.000+/-0.000 χ^2/NDF : 17.6/21

In: 0.000+/-0.000 χ^2/NDF : 3.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.6/21

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 840366.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 636668.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

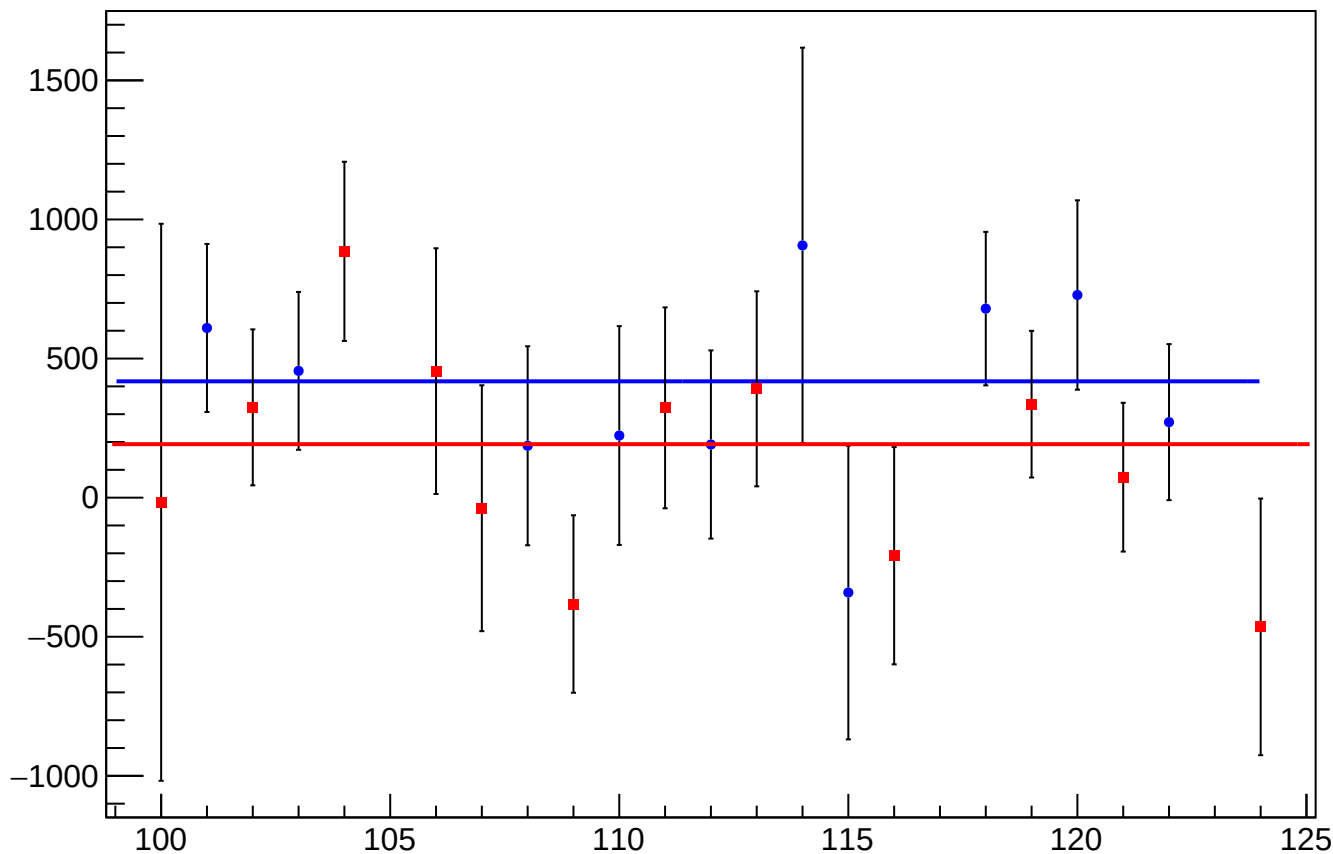
Right: 0.000+/-0.000 χ^2/NDF : 1603818.6/21

In: 0.000+/-0.000 χ^2/NDF : 840366.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1603818.6/21

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 418.173 $\pm$ 107.557 χ^2 /NDF: 6.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 192.201 $\pm$ 100.562 χ^2 /NDF: 12.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

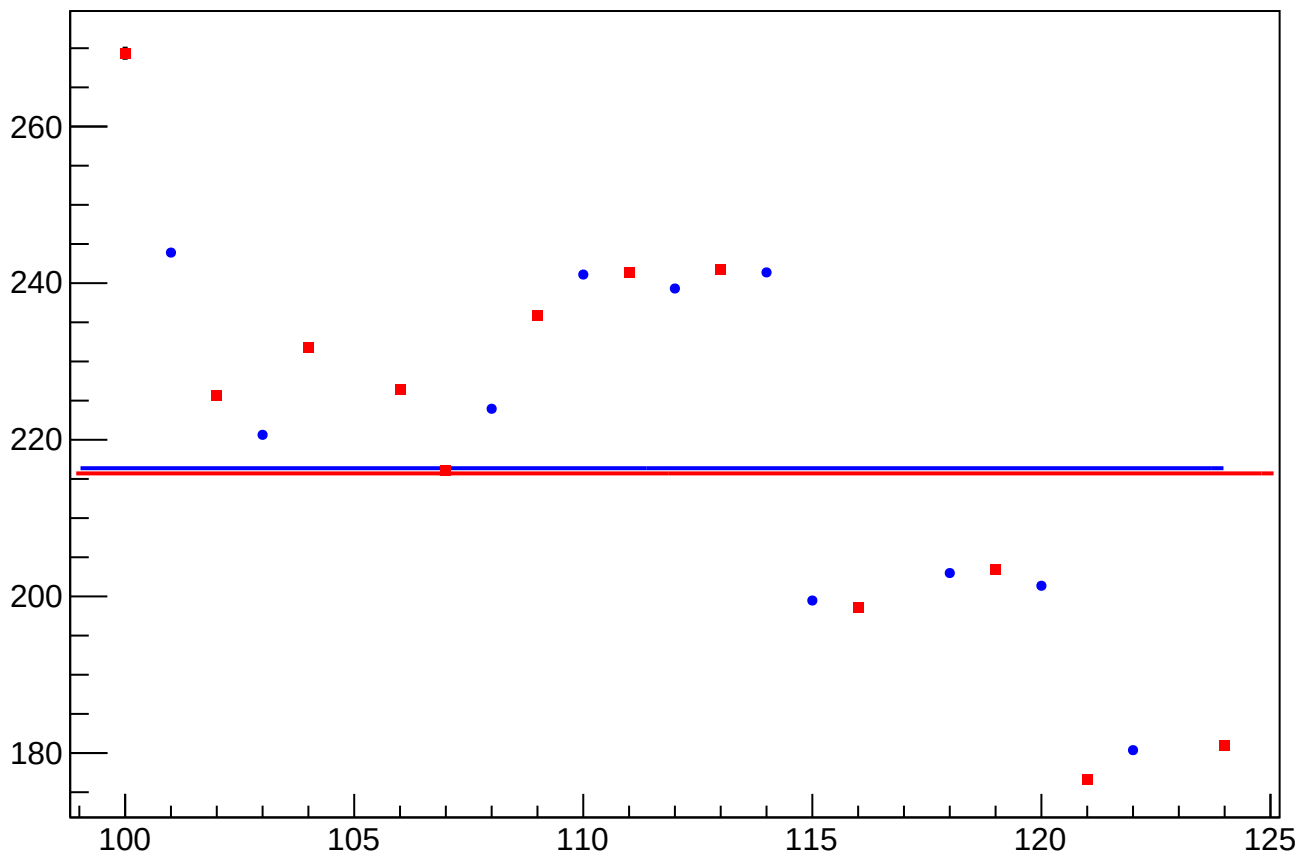
Right: 297.600 $\pm$ 73.457 χ^2 /NDF: 21.2/21

In: 418.173 $\pm$ 107.557 χ^2 /NDF:6.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 297.600 $\pm$ 73.457 χ^2 /NDF: 21.2/21

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 216.372 $\pm$ 0.076 χ^2 /NDF: 81145.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 215.708 $\pm$ 0.071 χ^2 /NDF: 105705.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

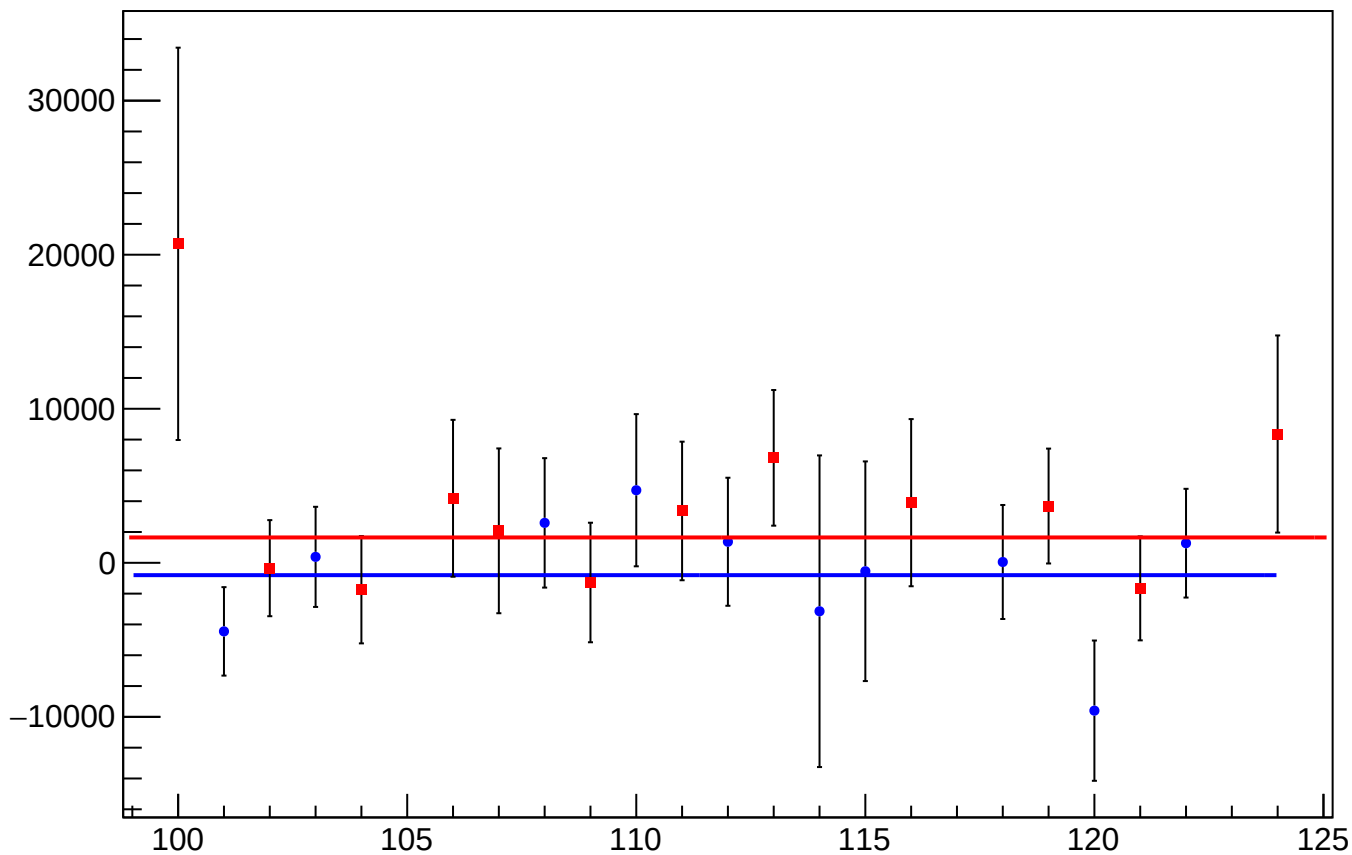
Right: 216.017 $\pm$ 0.052 χ^2 /NDF: 186891.2/21

In: 216.372 $\pm$ 0.076 χ^2 /NDF:81145.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 216.017 $\pm$ 0.052 χ^2 /NDF: 186891.2/21

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -800.918+/-1288.309 χ^2/NDF : 8.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.576+/-1239.778 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

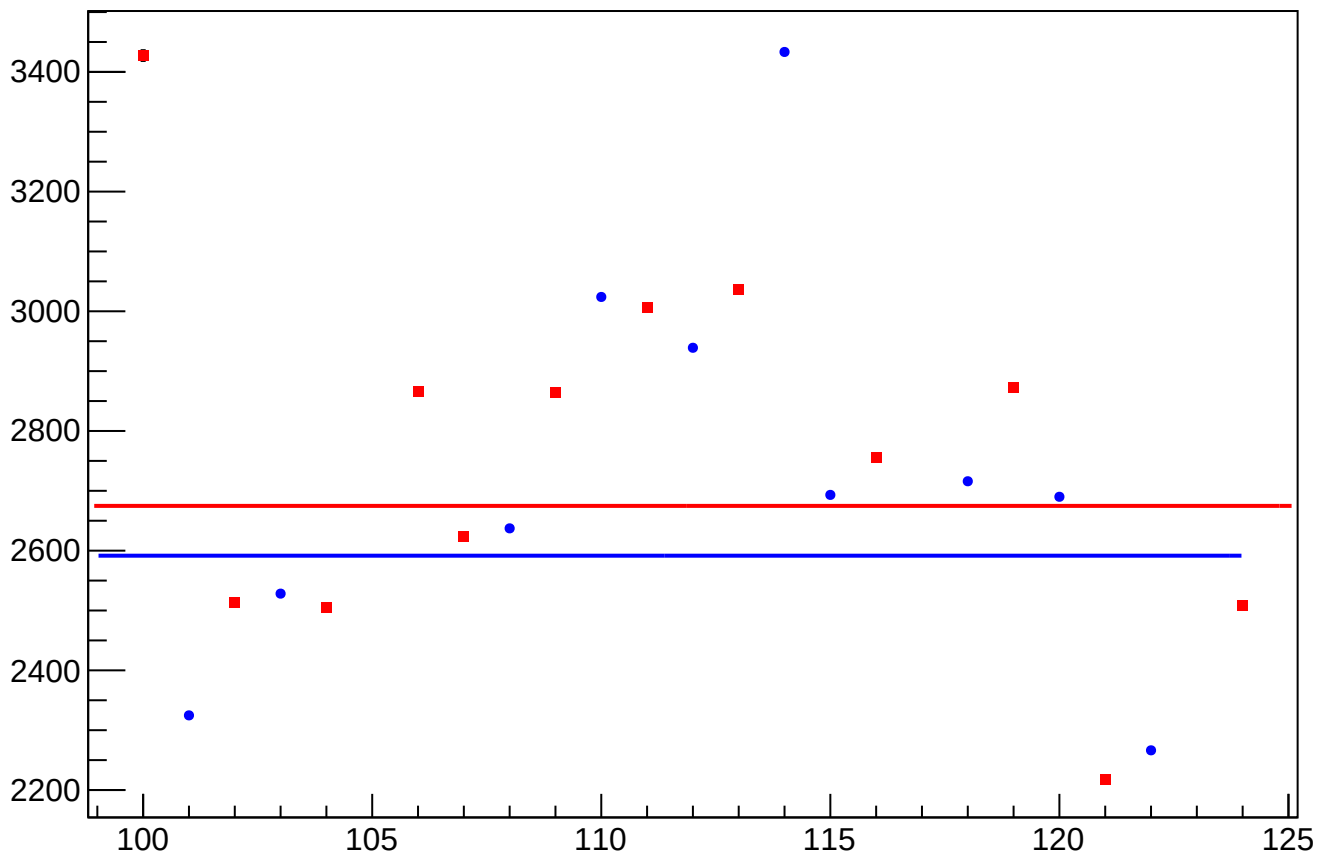
Right: 469.796+/-893.320 χ^2/NDF : 18.5/21

In: -800.918+/-1288.309 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.796+/-893.320 χ^2/NDF : 18.5/21

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2591.599+/-0.911 χ^2/NDF : 82009.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2674.810+/-0.877 χ^2/NDF : 93366.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

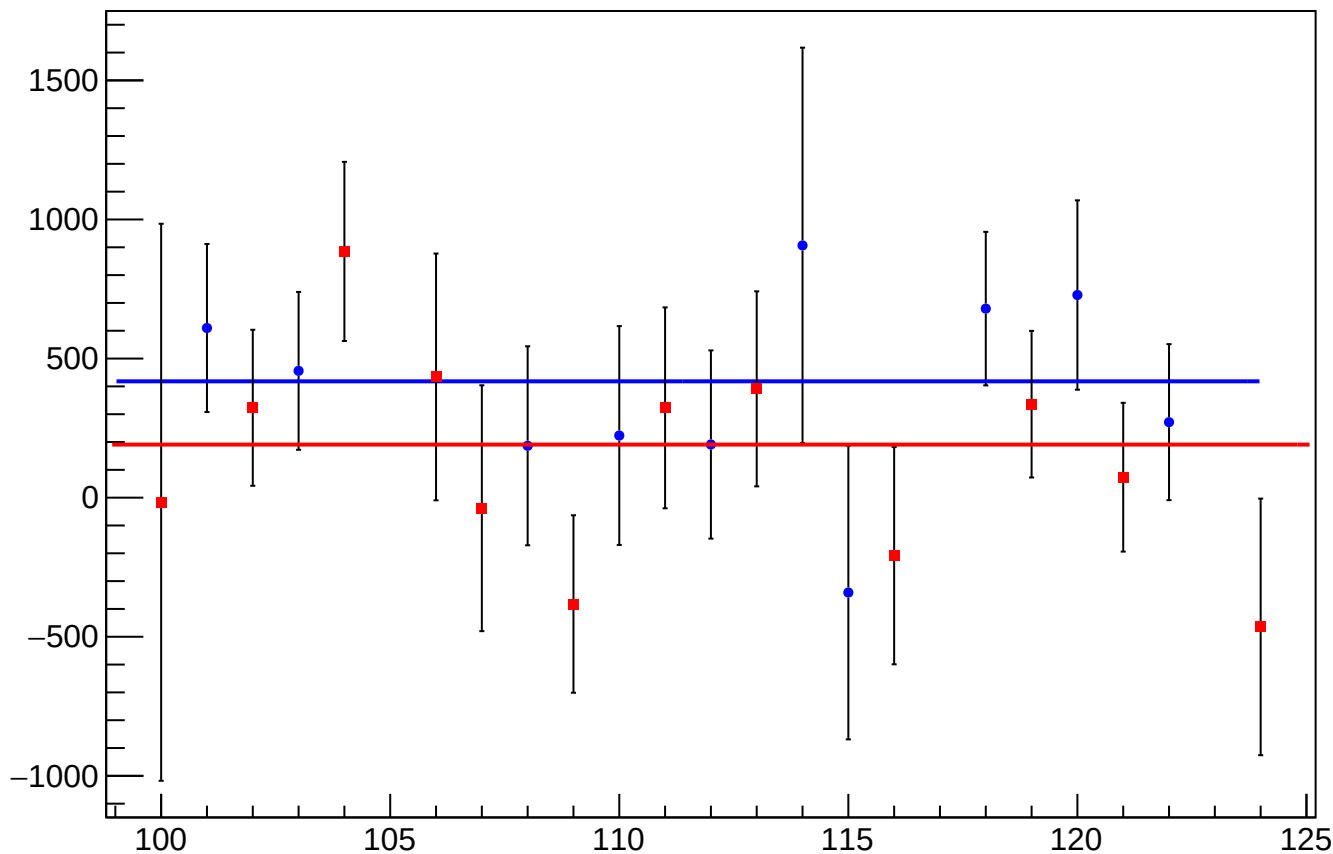
Right: 2634.801+/-0.632 χ^2/NDF : 179707.5/21

In: 2591.599+/-0.911 χ^2/NDF : 82009.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2634.801+/-0.632 χ^2/NDF : 179707.5/21

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 418.193 $\pm$ 107.557 χ^2 /NDF: 6.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 190.798 $\pm$ 100.587 χ^2 /NDF: 12.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

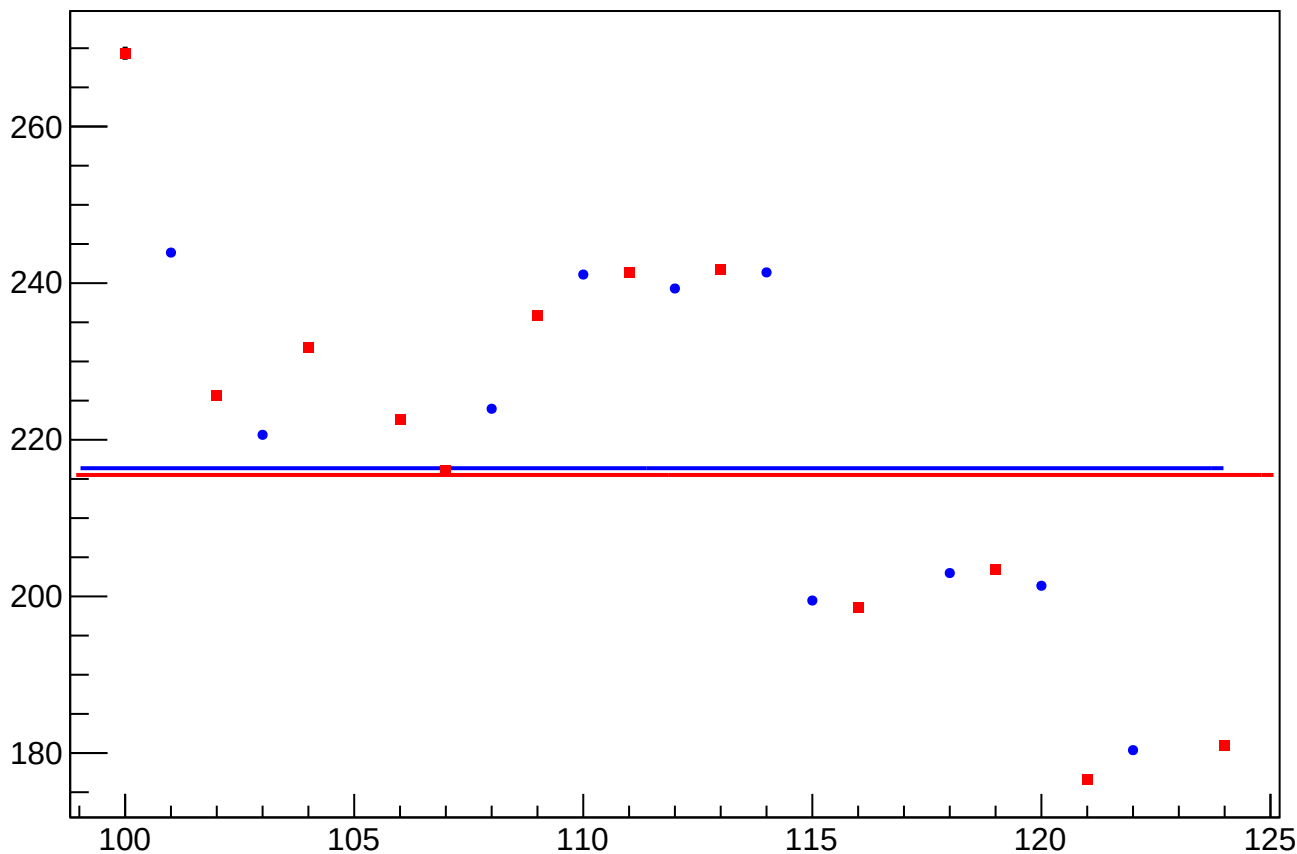
Right: 296.889 $\pm$ 73.466 χ^2 /NDF: 21.2/21

In: 418.193 $\pm$ 107.557 χ^2 /NDF:6.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 296.889 $\pm$ 73.466 χ^2 /NDF: 21.2/21

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 216.372+/-0.076 χ^2/NDF : 81145.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.509+/-0.071 χ^2/NDF : 105016.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

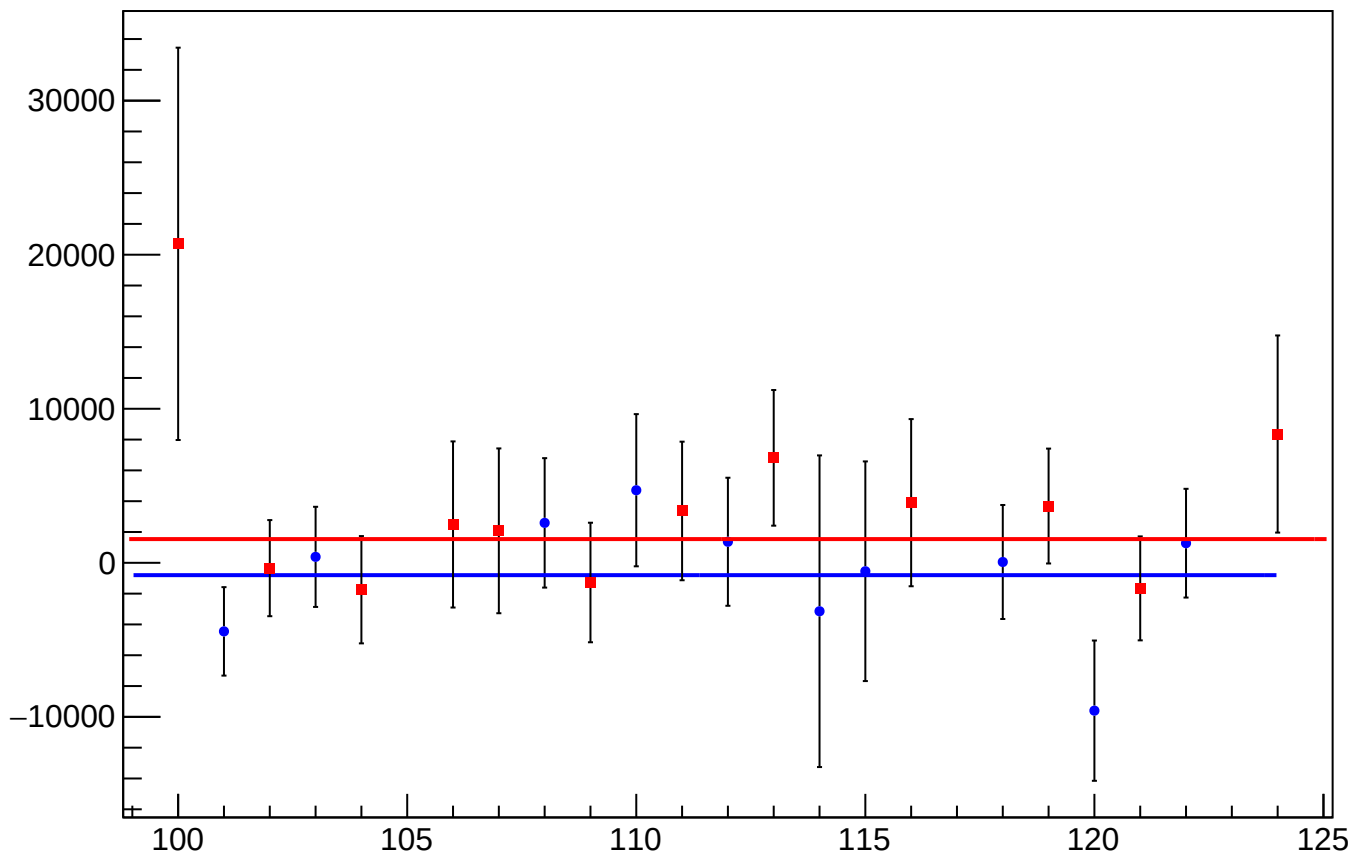
Right: 215.911+/-0.052 χ^2/NDF : 186230.4/21

In: 216.372+/-0.076 χ^2/NDF : 81145.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.911+/-0.052 χ^2/NDF : 186230.4/21

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -800.806+/-1288.314 χ^2/NDF : 8.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1540.228+/-1243.865 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

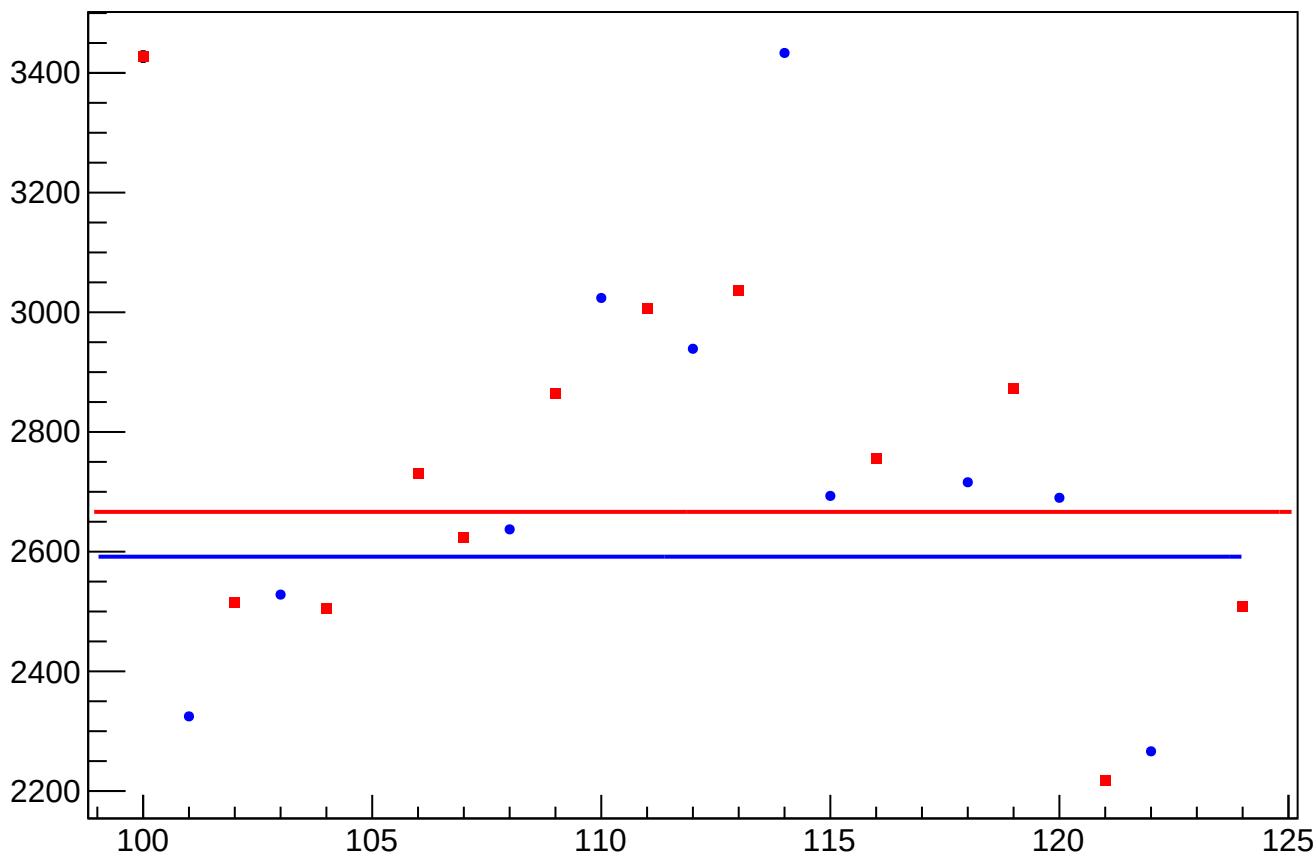
Right: 410.792+/-894.847 χ^2/NDF : 18.1/21

In: -800.806+/-1288.314 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.792+/-894.847 χ^2/NDF : 18.1/21

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2591.609+/-0.911 χ^2/NDF : 82008.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2666.476+/-0.880 χ^2/NDF : 90579.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

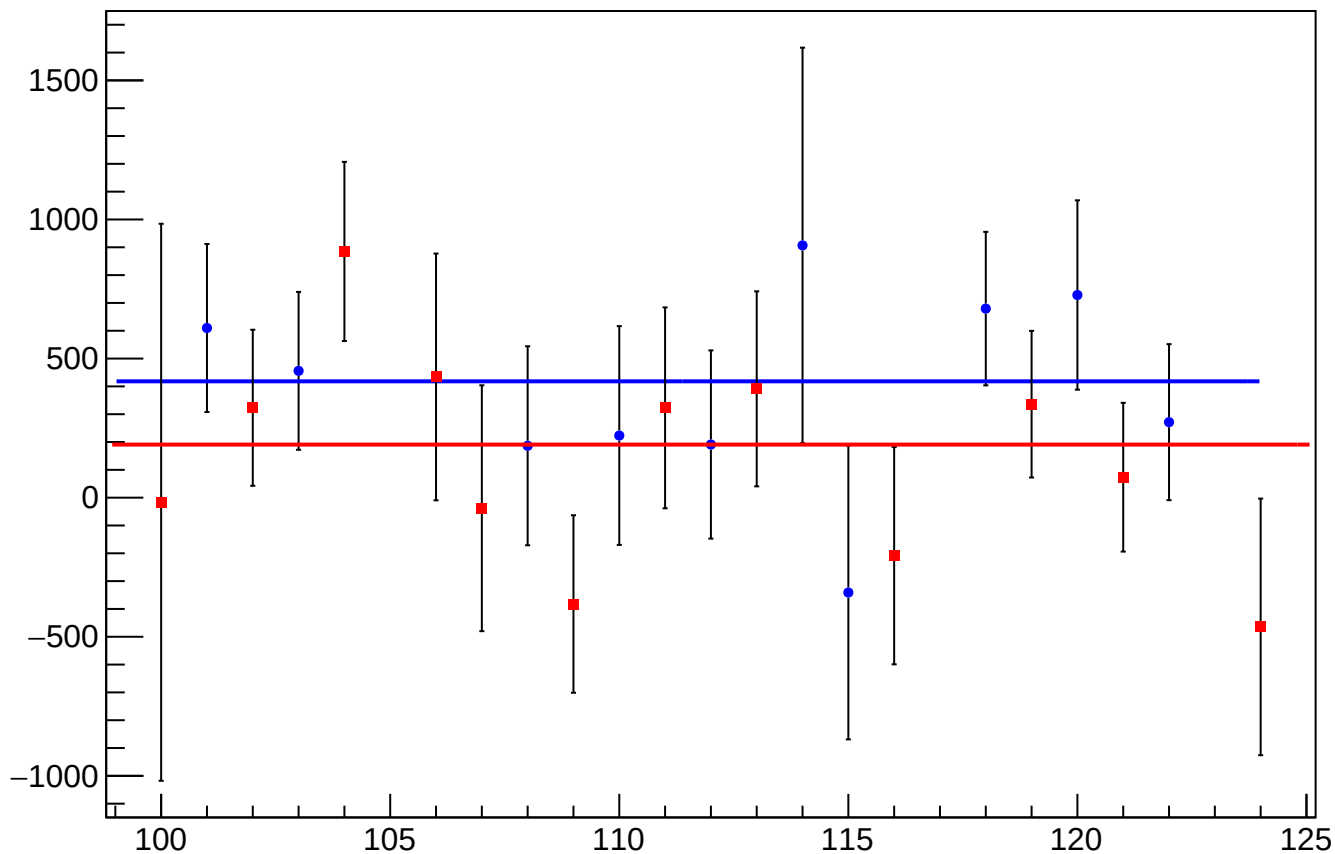
Right: 2630.357+/-0.633 χ^2/NDF : 176083.5/21

In: 2591.609+/-0.911 χ^2/NDF : 82008.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2630.357+/-0.633 χ^2/NDF : 176083.5/21

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 418.193 $\pm$ 107.557 χ^2 /NDF: 6.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 190.798 $\pm$ 100.587 χ^2 /NDF: 12.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

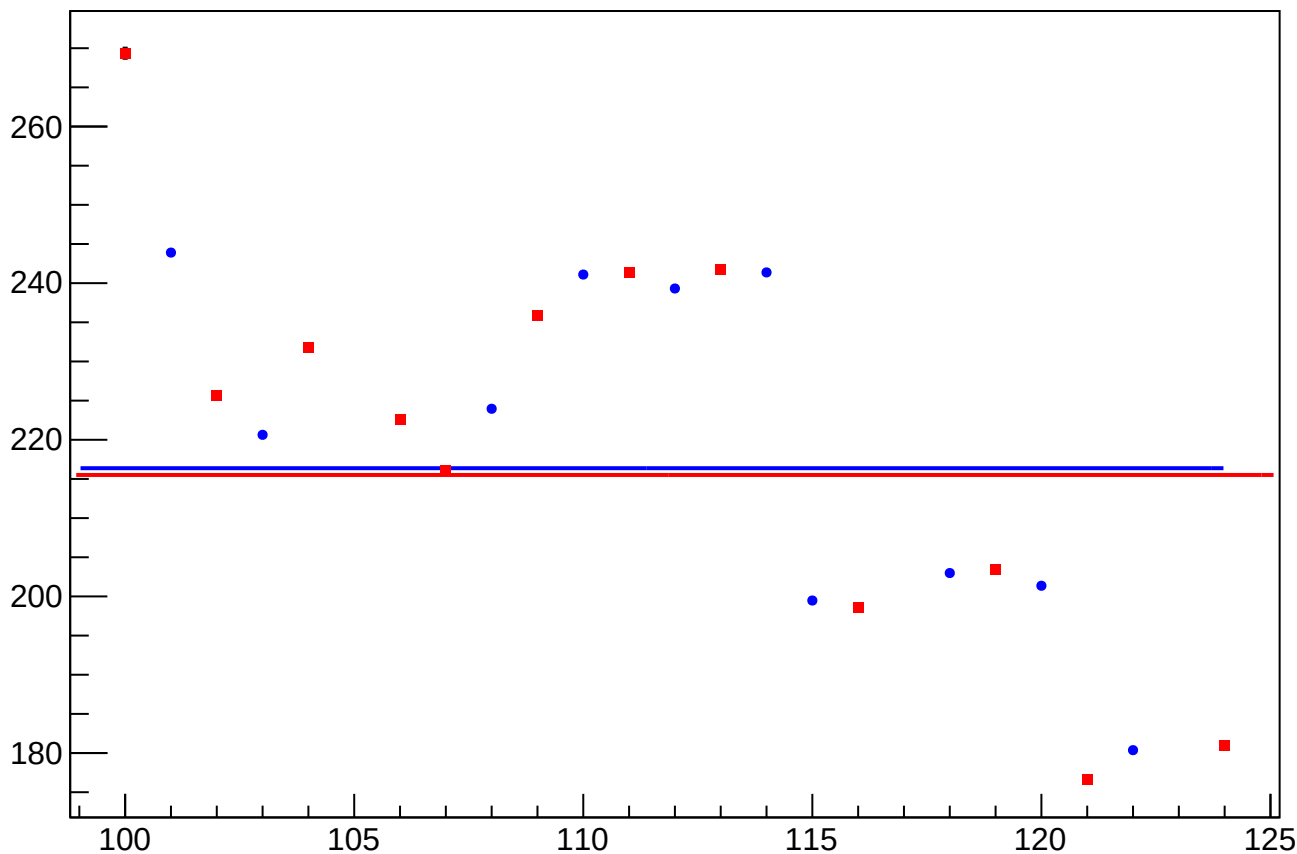
Right: 296.889 $\pm$ 73.466 χ^2 /NDF: 21.2/21

In: 418.193 $\pm$ 107.557 χ^2 /NDF:6.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 296.889 $\pm$ 73.466 χ^2 /NDF: 21.2/21

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 216.372 $\pm$ 0.076 χ^2 /NDF: 81145.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 215.509 $\pm$ 0.071 χ^2 /NDF: 105016.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

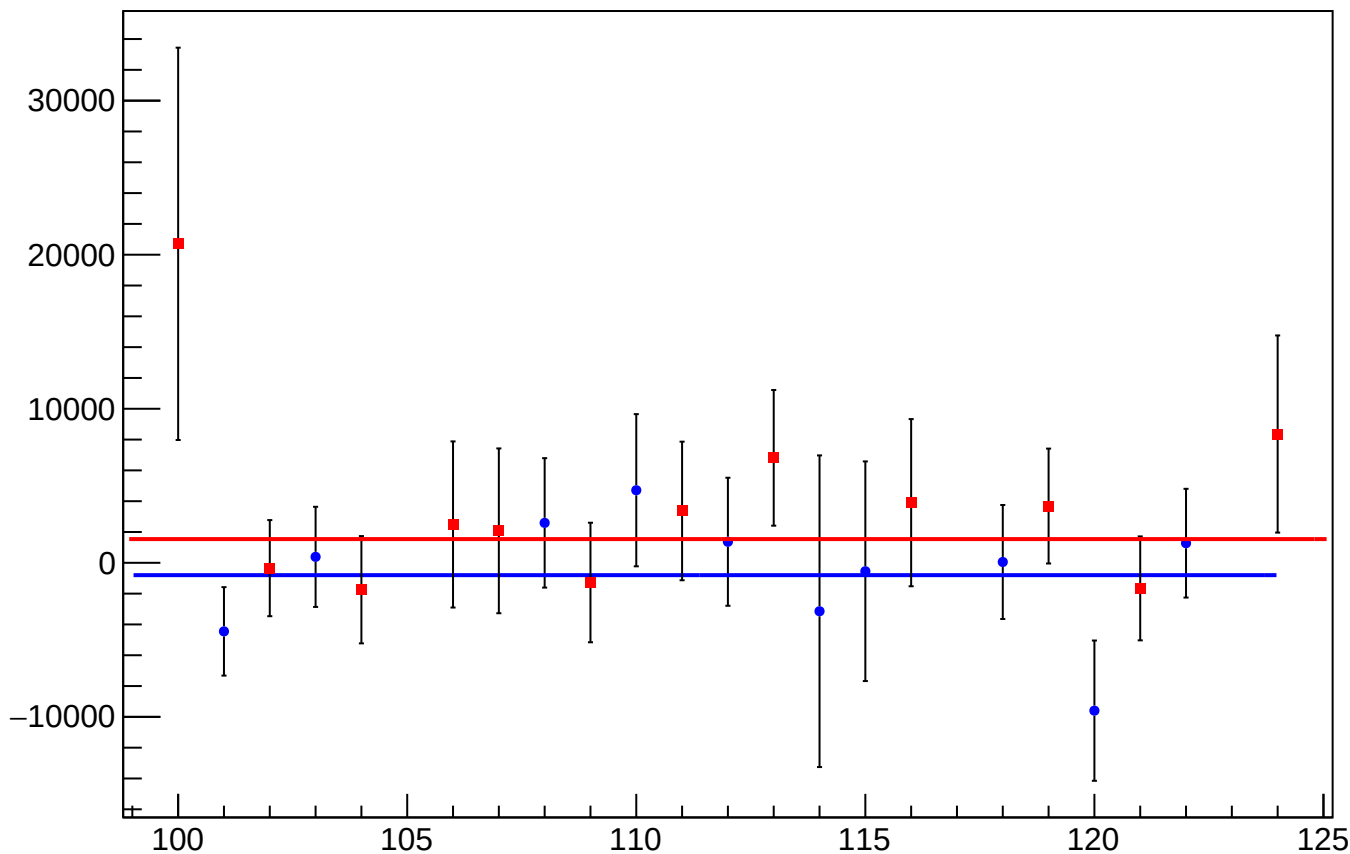
Right: 215.911 $\pm$ 0.052 χ^2 /NDF: 186230.4/21

In: 216.372 $\pm$ 0.076 χ^2 /NDF:81145.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 215.911 $\pm$ 0.052 χ^2 /NDF: 186230.4/21

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -800.806+/-1288.314 χ^2/NDF : 8.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1540.228+/-1243.865 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

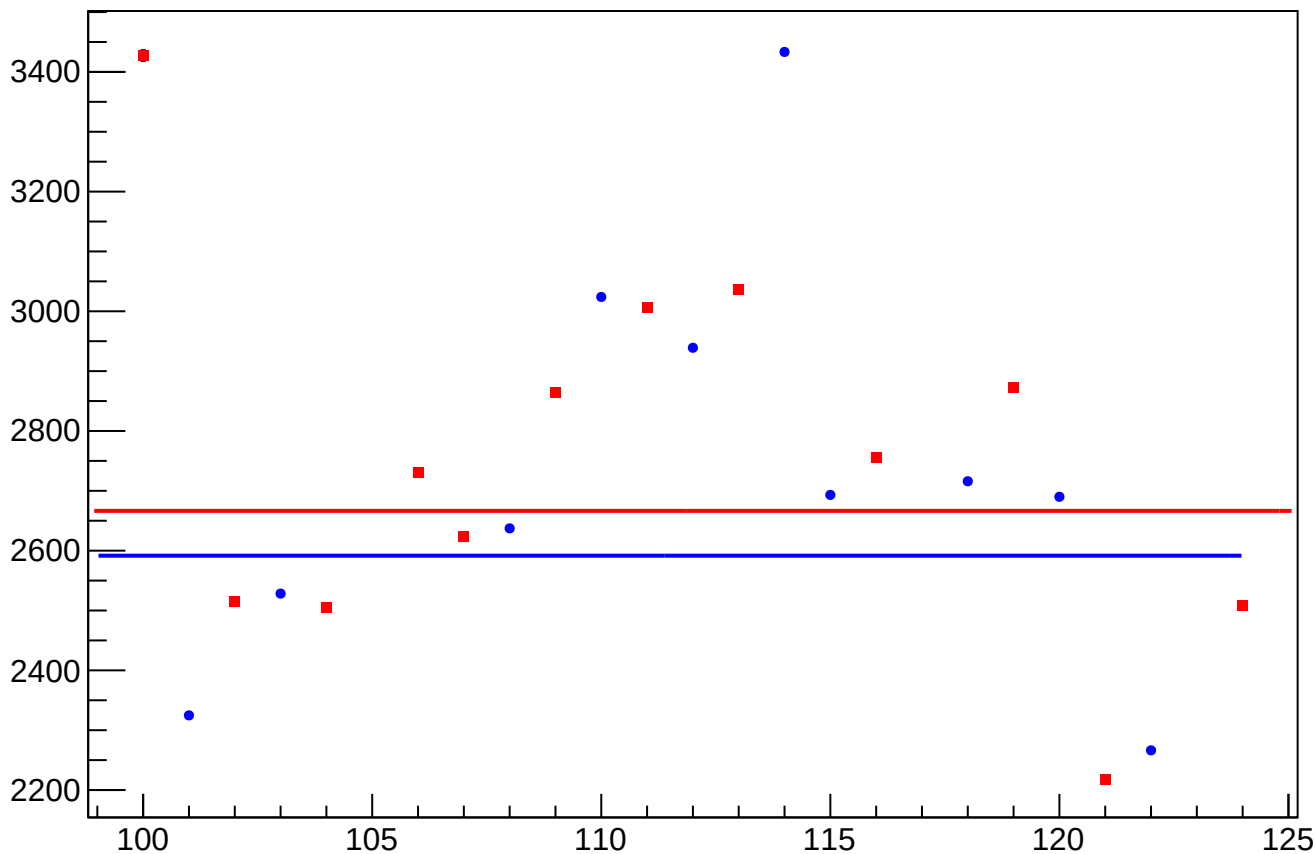
Right: 410.792+/-894.847 χ^2/NDF : 18.1/21

In: -800.806+/-1288.314 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.792+/-894.847 χ^2/NDF : 18.1/21

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2591.609+/-0.911 χ^2/NDF : 82008.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2666.476+/-0.880 χ^2/NDF : 90579.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

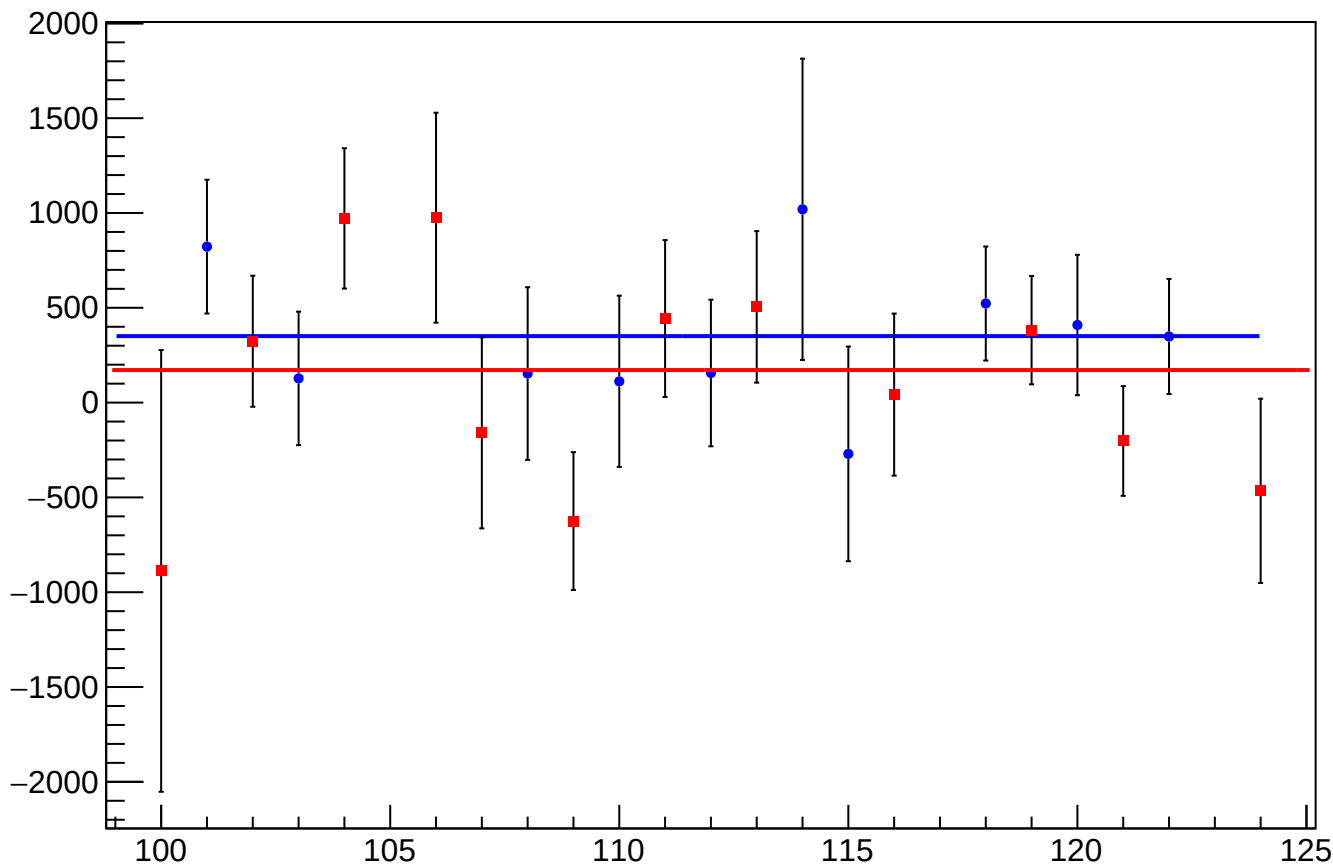
Right: 2630.357+/-0.633 χ^2/NDF : 176083.5/21

In: 2591.609+/-0.911 χ^2/NDF : 82008.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2630.357+/-0.633 χ^2/NDF : 176083.5/21

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 350.618 $\pm$ 122.701 χ^2 /NDF: 5.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 171.530 $\pm$ 113.801 χ^2 /NDF: 18.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

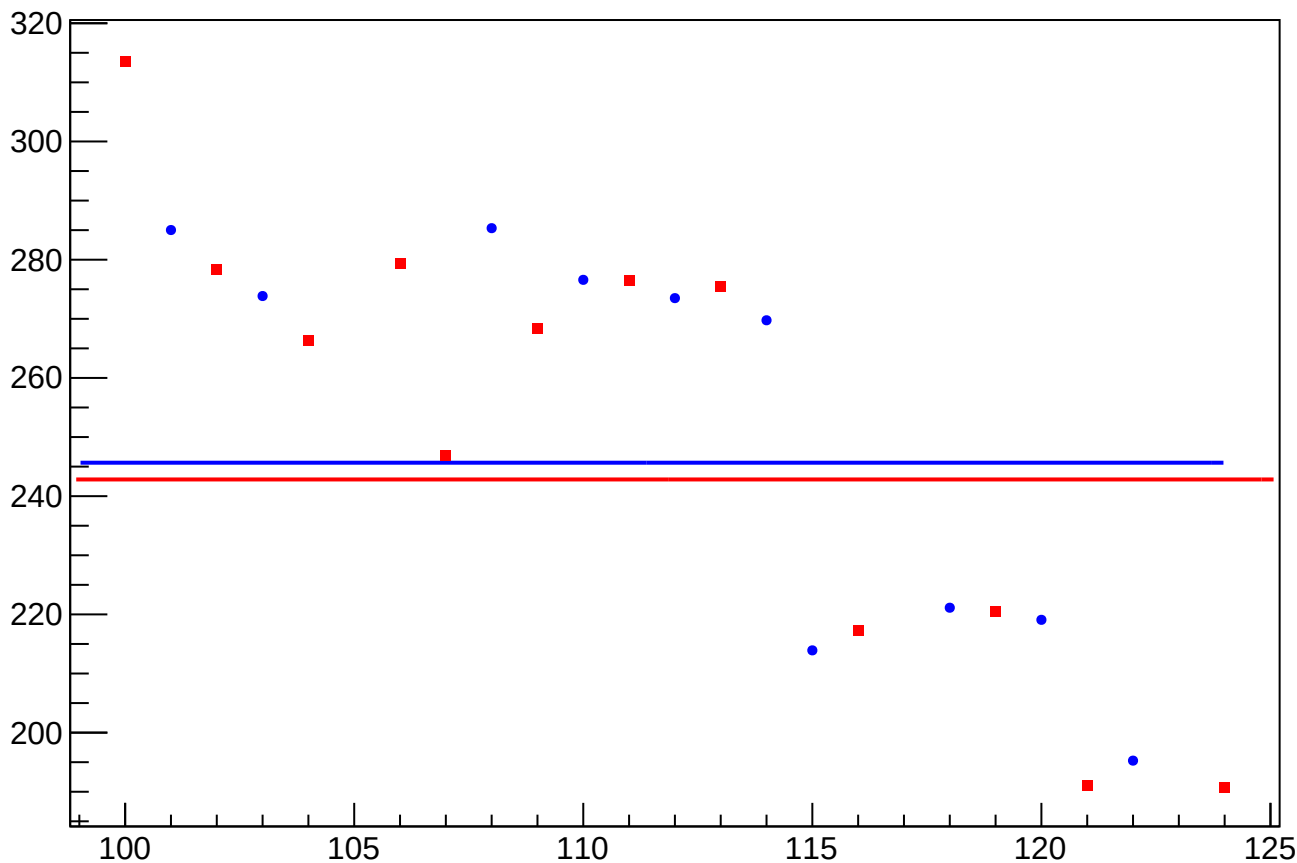
Right: 254.344 $\pm$ 83.439 χ^2 /NDF: 24.5/21

In: 350.618 $\pm$ 122.701 χ^2 /NDF:5.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 254.344 $\pm$ 83.439 χ^2 /NDF: 24.5/21

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 245.660 $\pm$ 0.087 χ^2 /NDF: 159481.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 242.827 $\pm$ 0.080 χ^2 /NDF: 188066.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

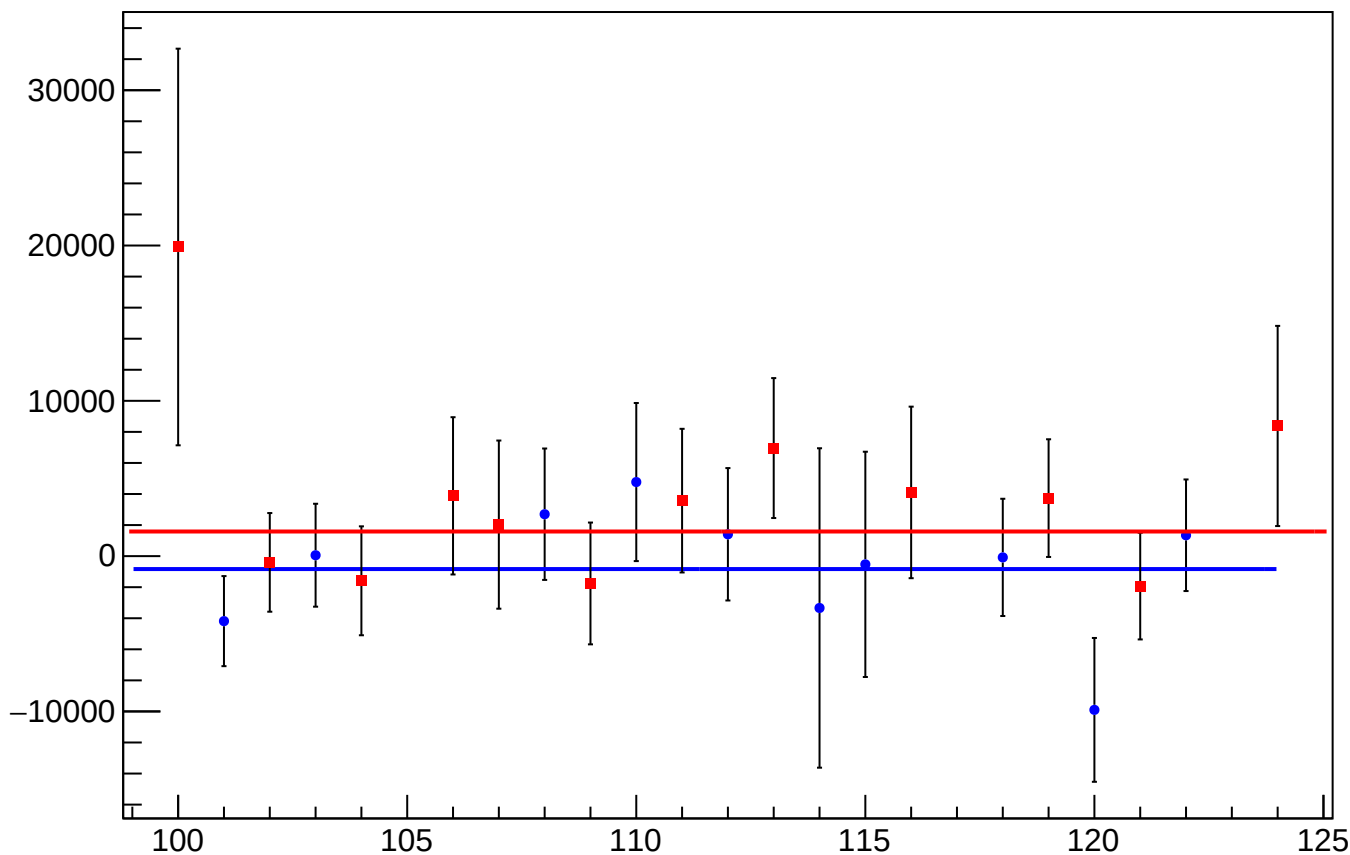
Right: 244.137 $\pm$ 0.059 χ^2 /NDF: 348121.3/21

In: 245.660 $\pm$ 0.087 χ^2 /NDF:159481.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 244.137 $\pm$ 0.059 χ^2 /NDF: 348121.3/21

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -832.522+/-1310.504 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1585.883+/-1257.917 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

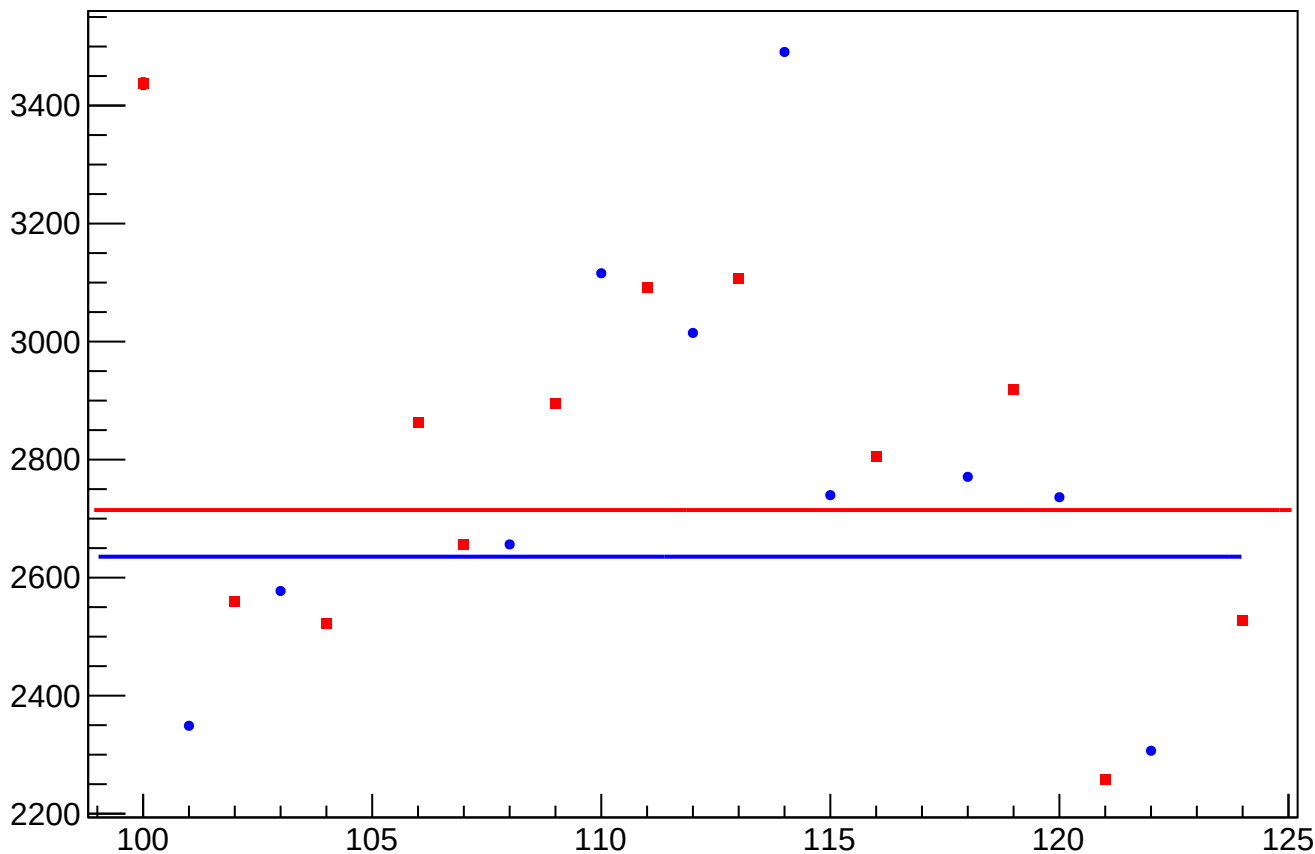
Right: 426.175+/-907.503 χ^2/NDF : 18.2/21

In: -832.522+/-1310.504 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.175+/-907.503 χ^2/NDF : 18.2/21

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2635.507+/-0.927 χ^2/NDF : 88347.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2714.541+/-0.889 χ^2/NDF : 95079.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

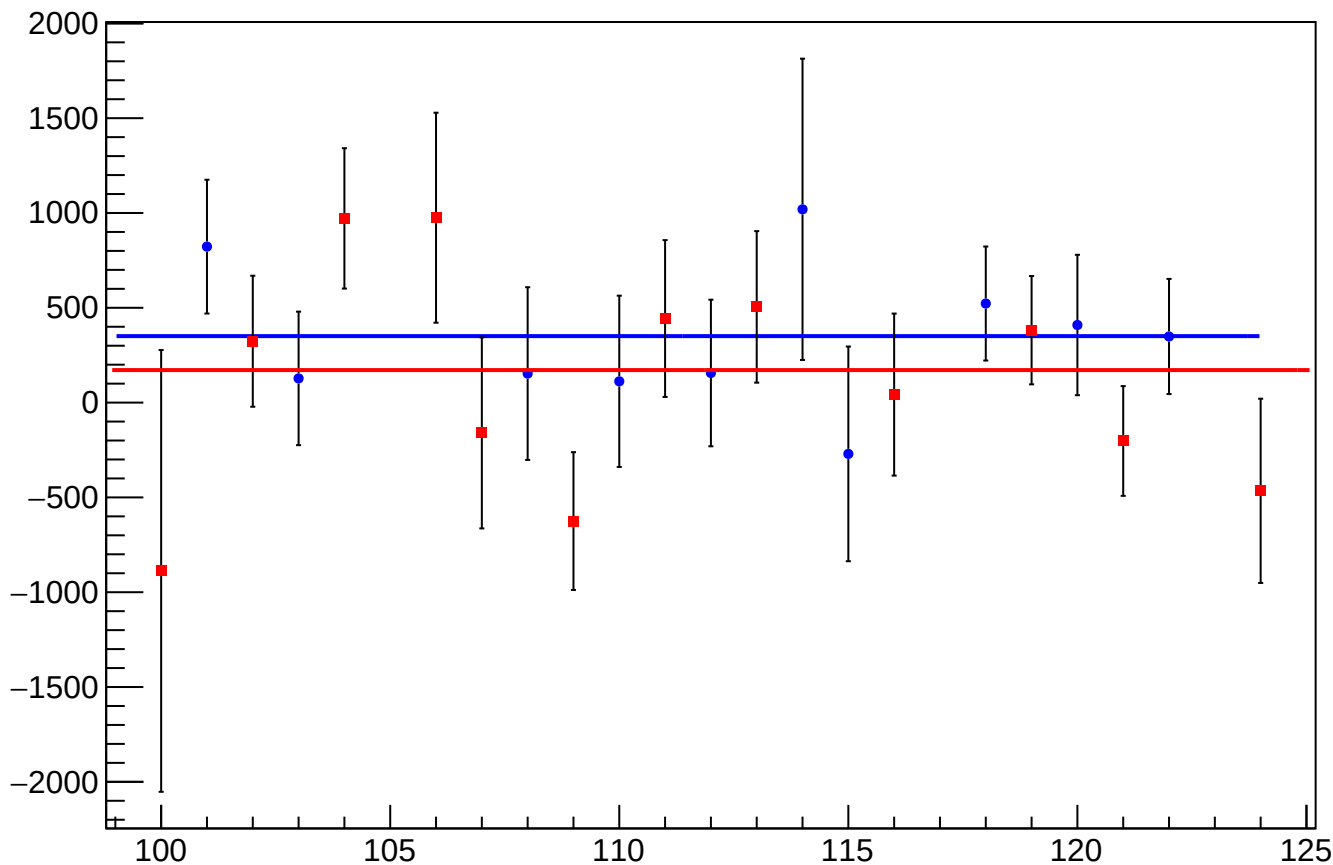
Right: 2676.642+/-0.642 χ^2/NDF : 187212.8/21

In: 2635.507+/-0.927 χ^2/NDF : 88347.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2676.642+/-0.642 χ^2/NDF : 187212.8/21

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 350.618 $\pm$ 122.700 χ^2 /NDF: 5.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 171.523 $\pm$ 113.800 χ^2 /NDF: 18.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

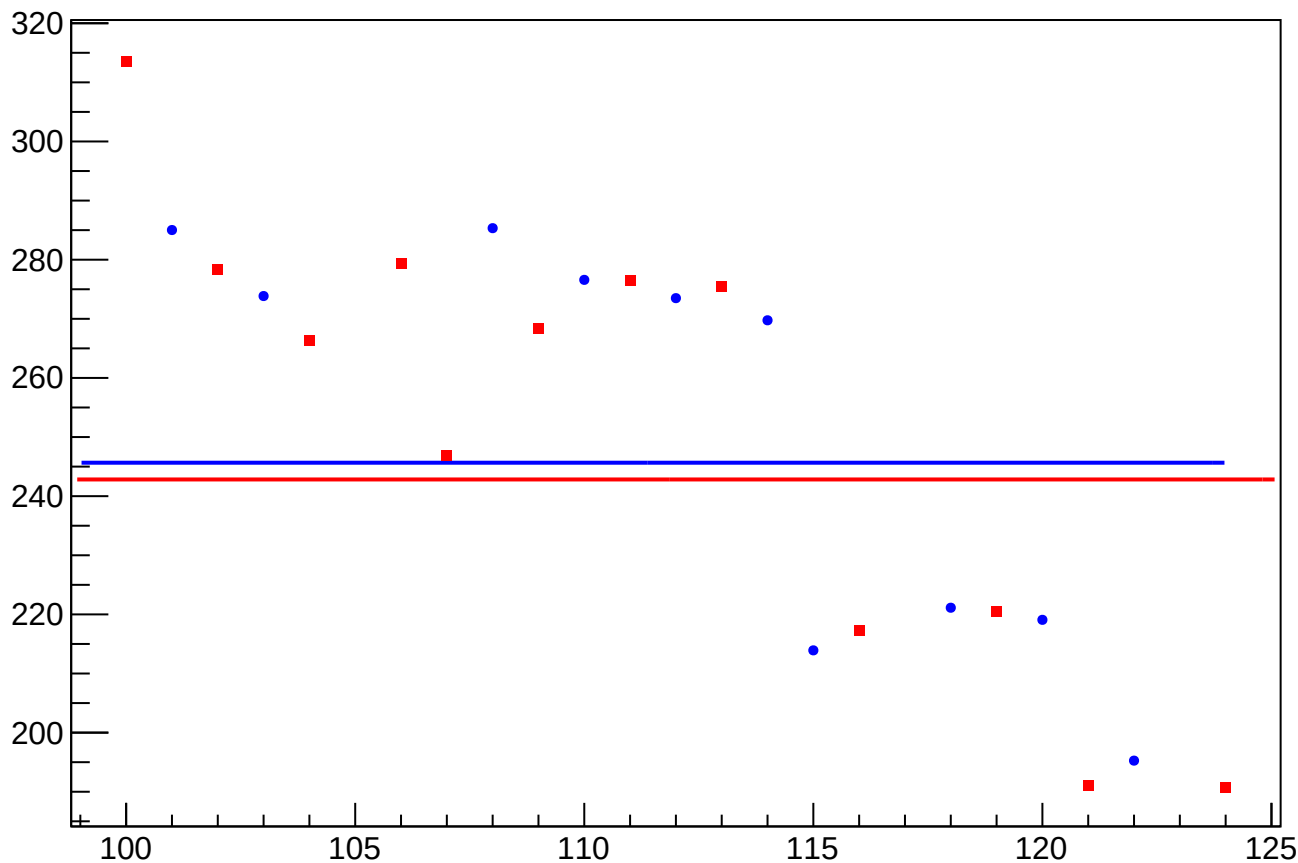
Right: 254.341 $\pm$ 83.438 χ^2 /NDF: 24.5/21

In: 350.618 $\pm$ 122.700 χ^2 /NDF:5.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 254.341 $\pm$ 83.438 χ^2 /NDF: 24.5/21

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 245.659+/-0.087 χ^2/NDF : 159477.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 242.826+/-0.080 χ^2/NDF : 188060.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

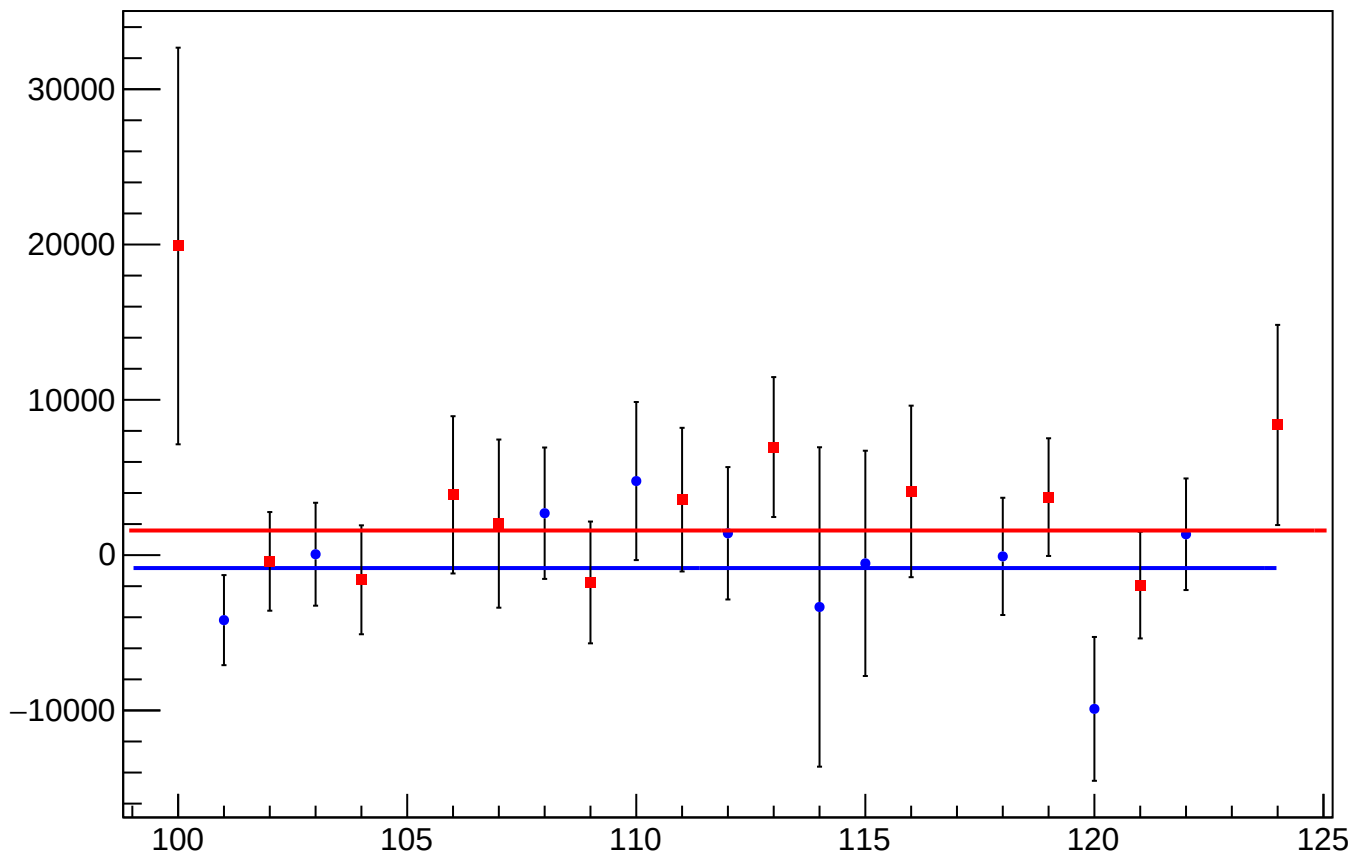
Right: 244.136+/-0.059 χ^2/NDF : 348111.2/21

In: 245.659+/-0.087 χ^2/NDF : 159477.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.136+/-0.059 χ^2/NDF : 348111.2/21

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -832.521+/-1310.501 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1585.879+/-1257.914 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

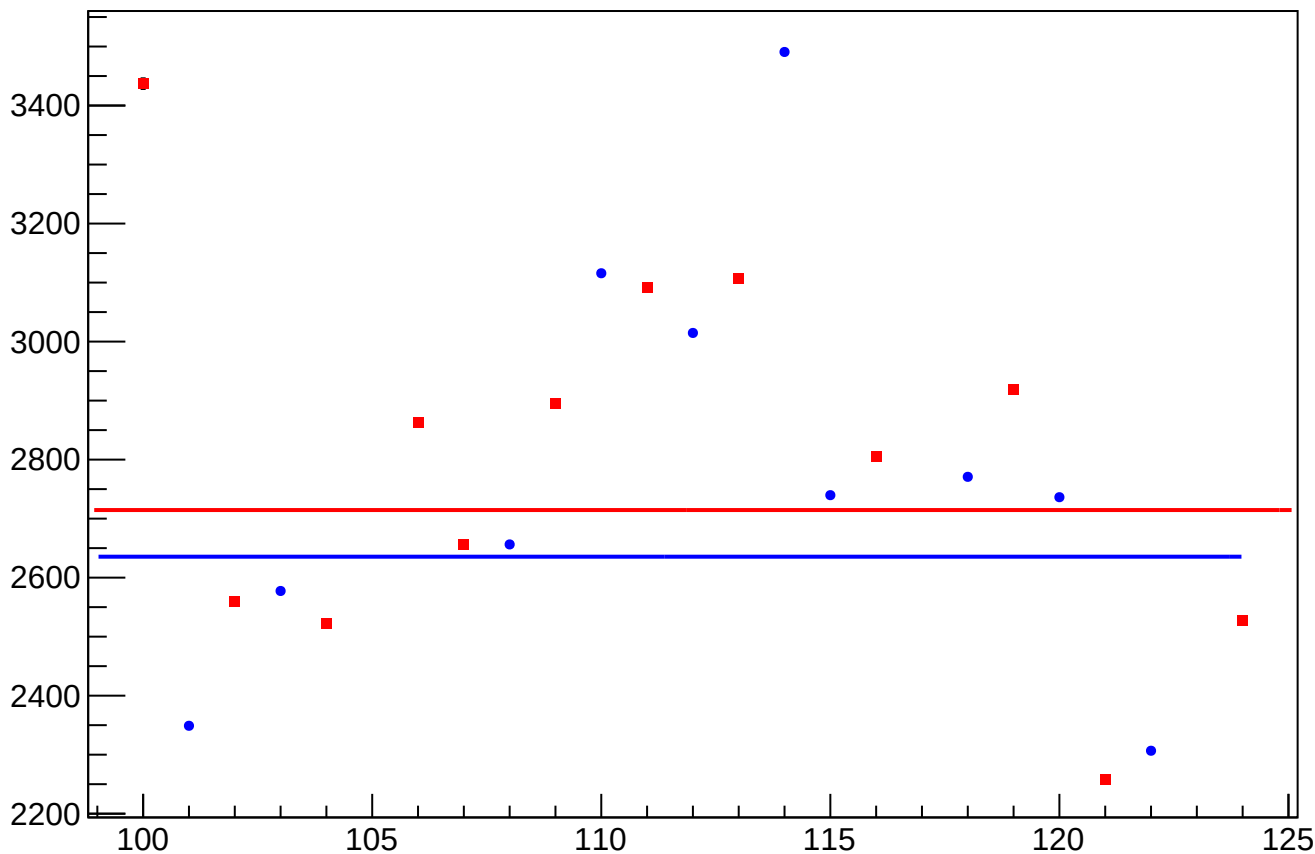
Right: 426.174+/-907.501 χ^2/NDF : 18.2/21

In: -832.521+/-1310.501 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.174+/-907.501 χ^2/NDF : 18.2/21

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2635.501+/-0.927 χ^2/NDF : 88345.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2714.535+/-0.889 χ^2/NDF : 95077.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

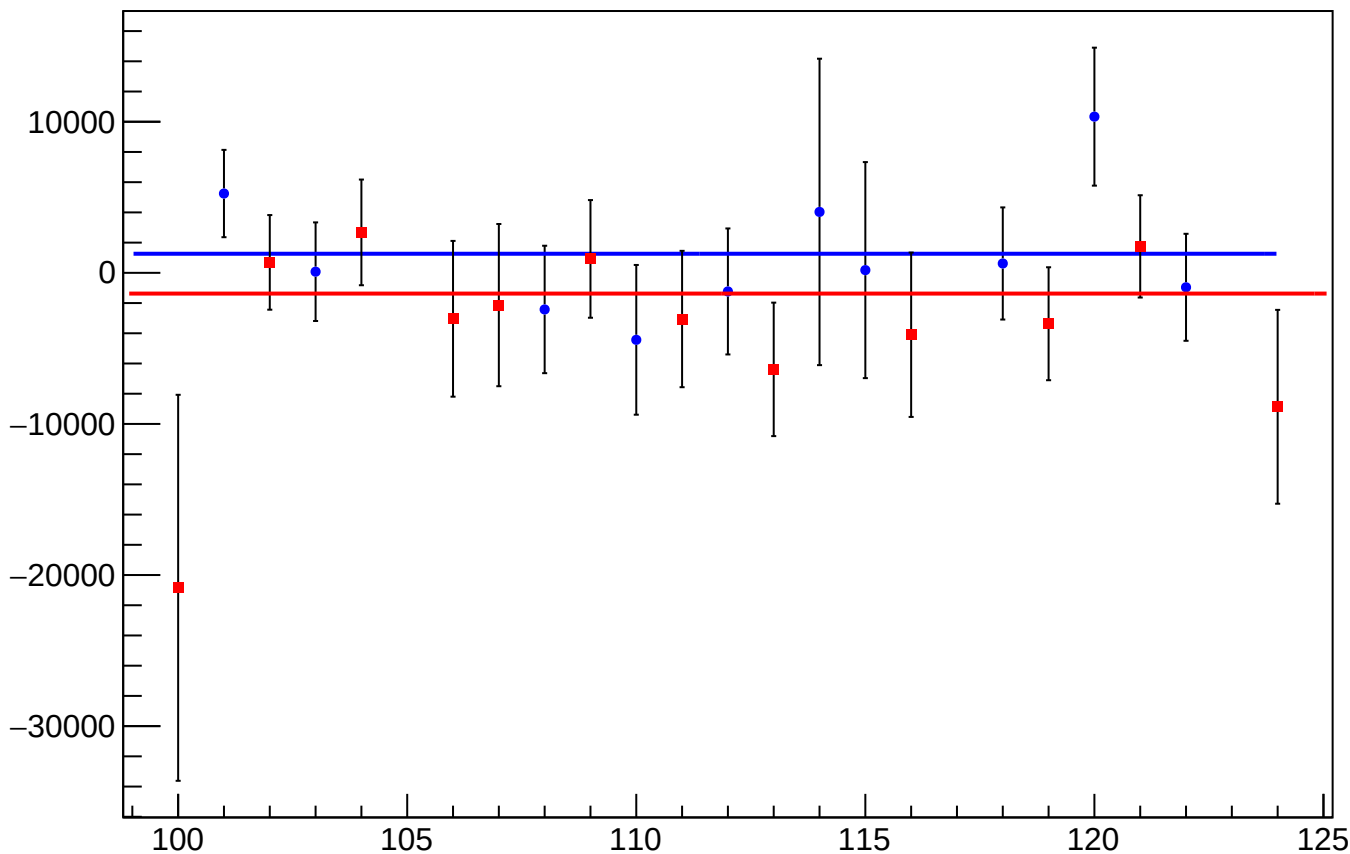
Right: 2676.636+/-0.642 χ^2/NDF : 187209.2/21

In: 2635.501+/-0.927 χ^2/NDF :88345.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2676.636+/-0.642 χ^2/NDF : 187209.2/21

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1263.376+/-1293.341 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1372.558+/-1244.689 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

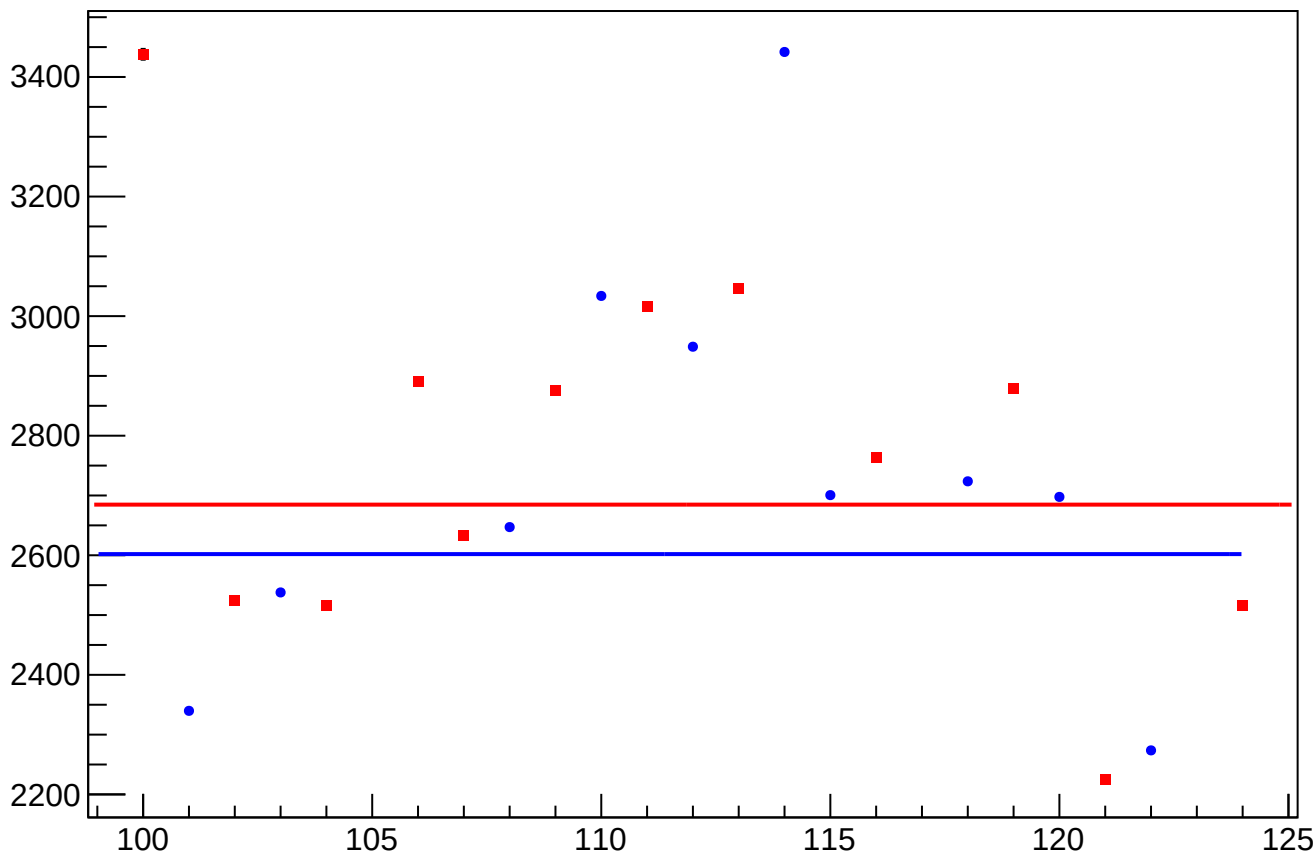
Right: -105.100+/-896.835 χ^2/NDF : 19.9/21

In: 1263.376+/-1293.341 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.100+/-896.835 χ^2/NDF : 19.9/21

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2601.950+/-0.915 χ^2/NDF : 80824.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2684.700+/-0.880 χ^2/NDF : 93329.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

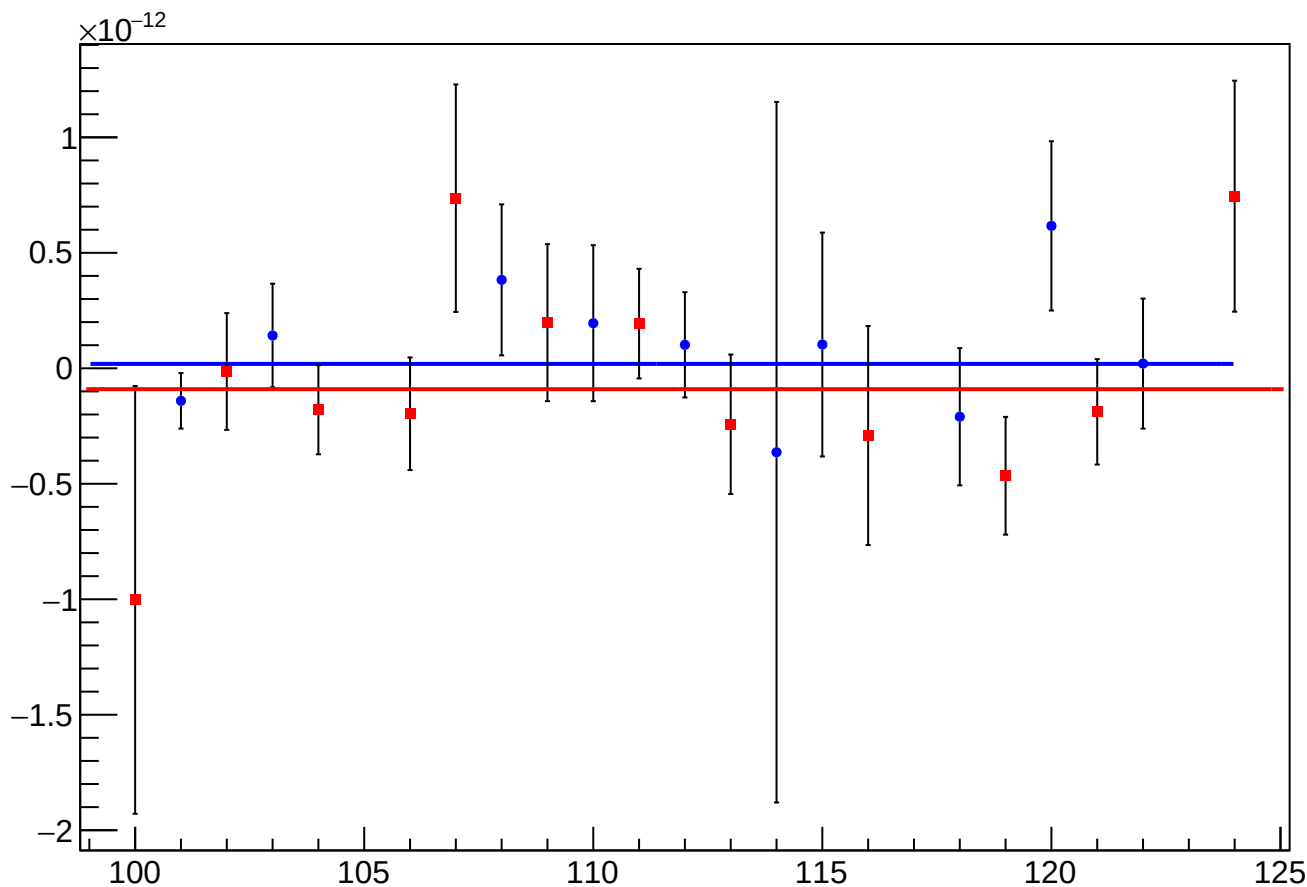
Right: 2644.911+/-0.634 χ^2/NDF : 178404.4/21

In: 2601.950+/-0.915 χ^2/NDF : 80824.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2644.911+/-0.634 χ^2/NDF : 178404.4/21

asym_sam_26_dd_reg_vs_cor_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 : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

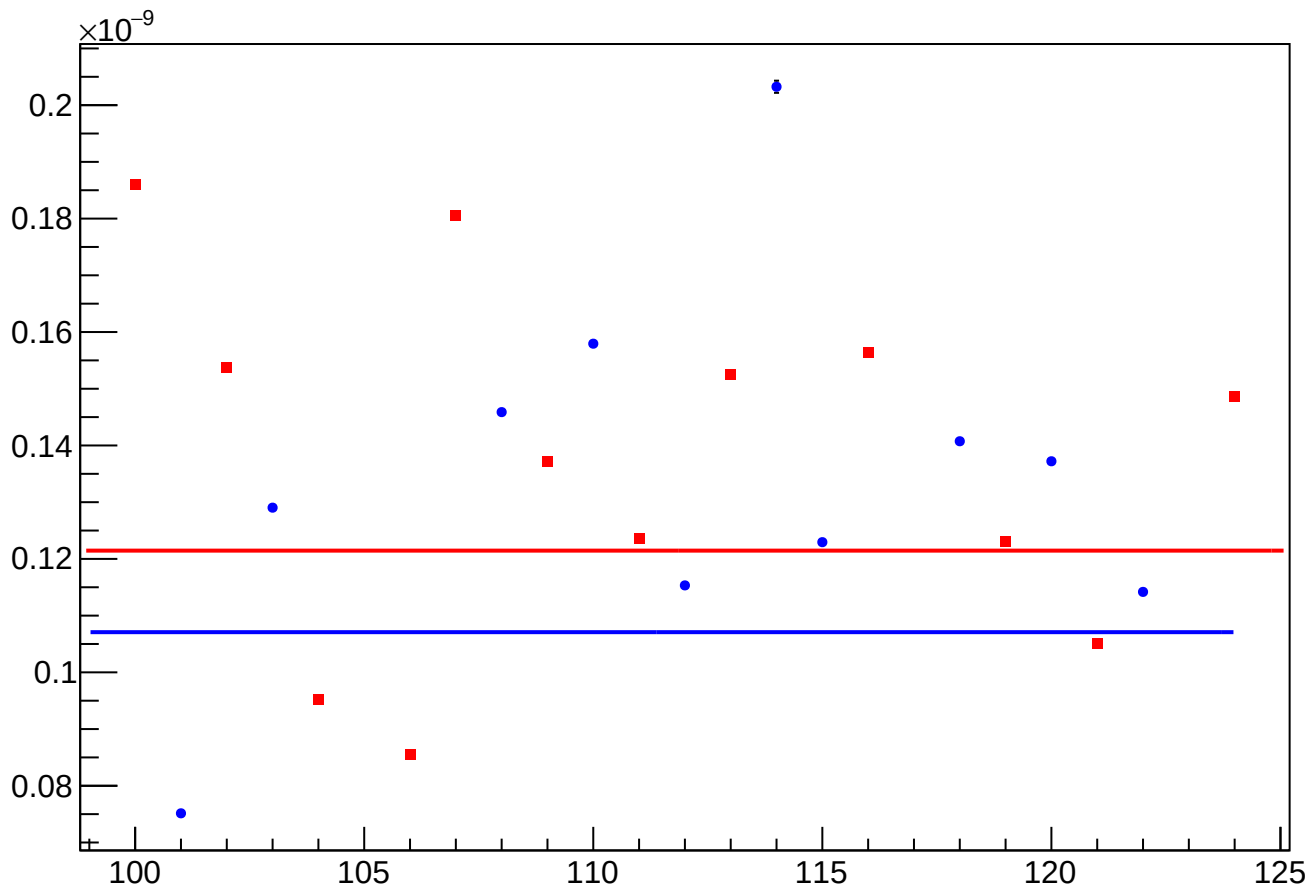
Right: -0.000+/-0.000 χ^2/NDF : 20.0/21

In: 0.000+/-0.000 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/21

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 286977.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 204398.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

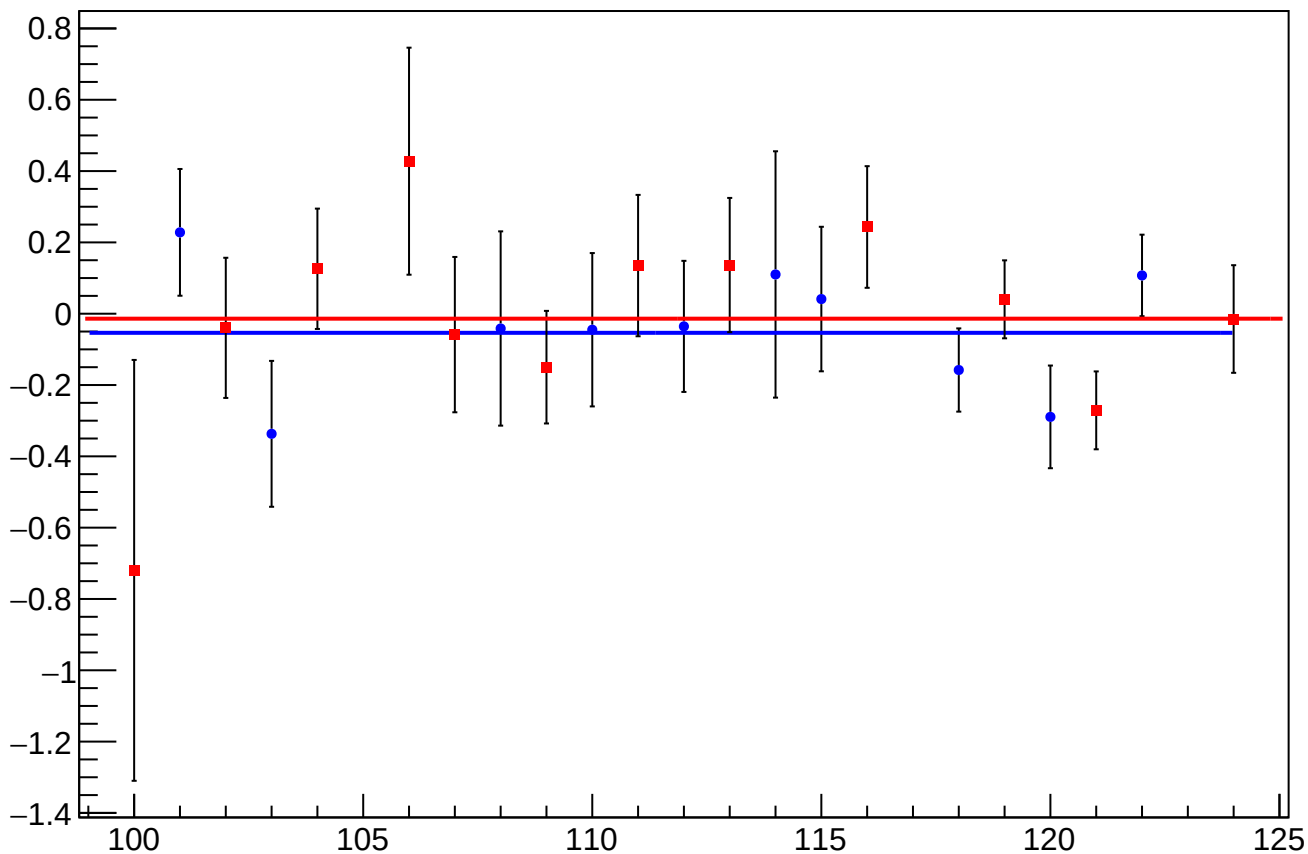
Right: 0.000+/-0.000 χ^2/NDF : 523057.5/21

In: 0.000+/-0.000 χ^2/NDF : 286977.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 523057.5/21

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.054+/-0.053 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.014+/-0.048 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

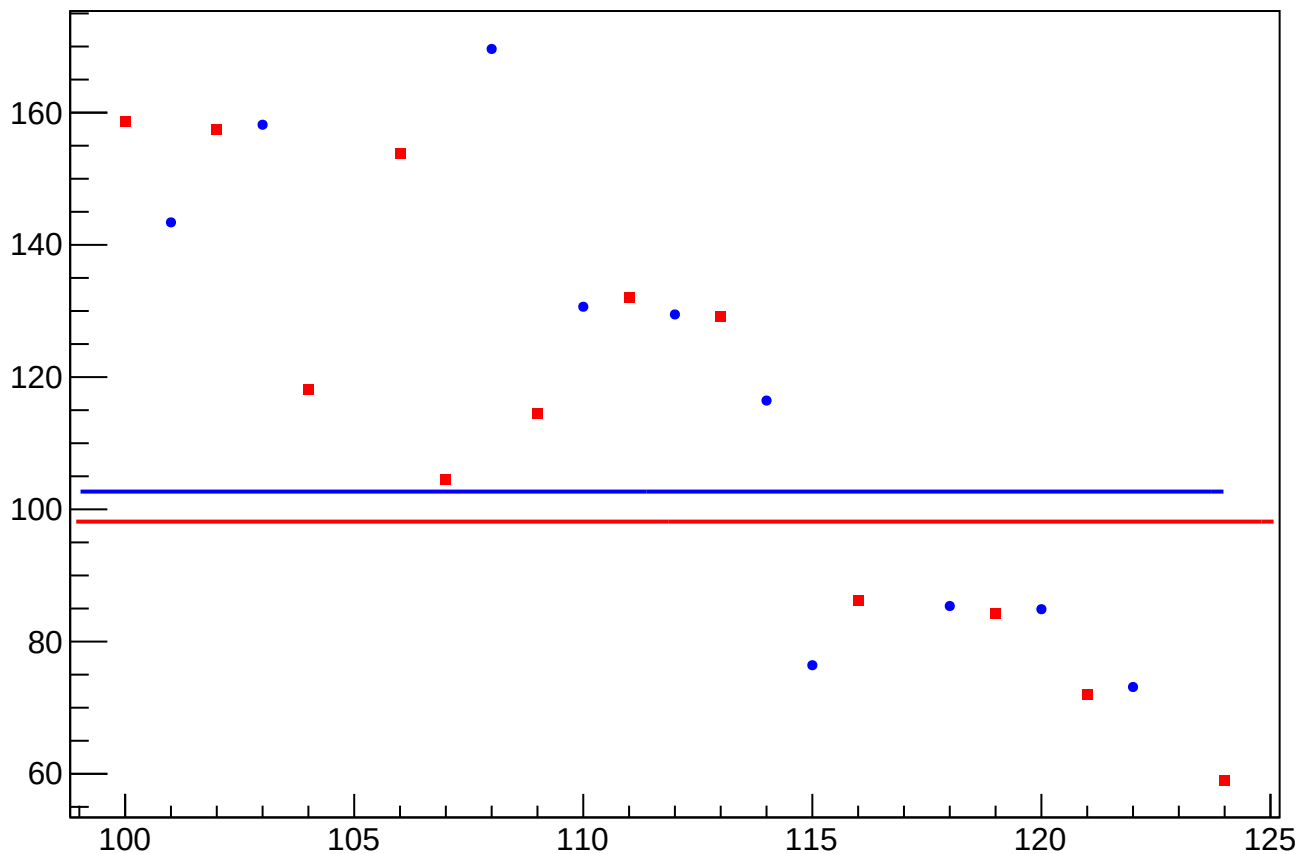
Right: -0.032+/-0.036 χ^2/NDF : 24.8/21

In: -0.054+/-0.053 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.032+/-0.036 χ^2/NDF : 24.8/21

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.686+/-0.038 χ^2/NDF : 694133.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.145+/-0.034 χ^2/NDF : 719531.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

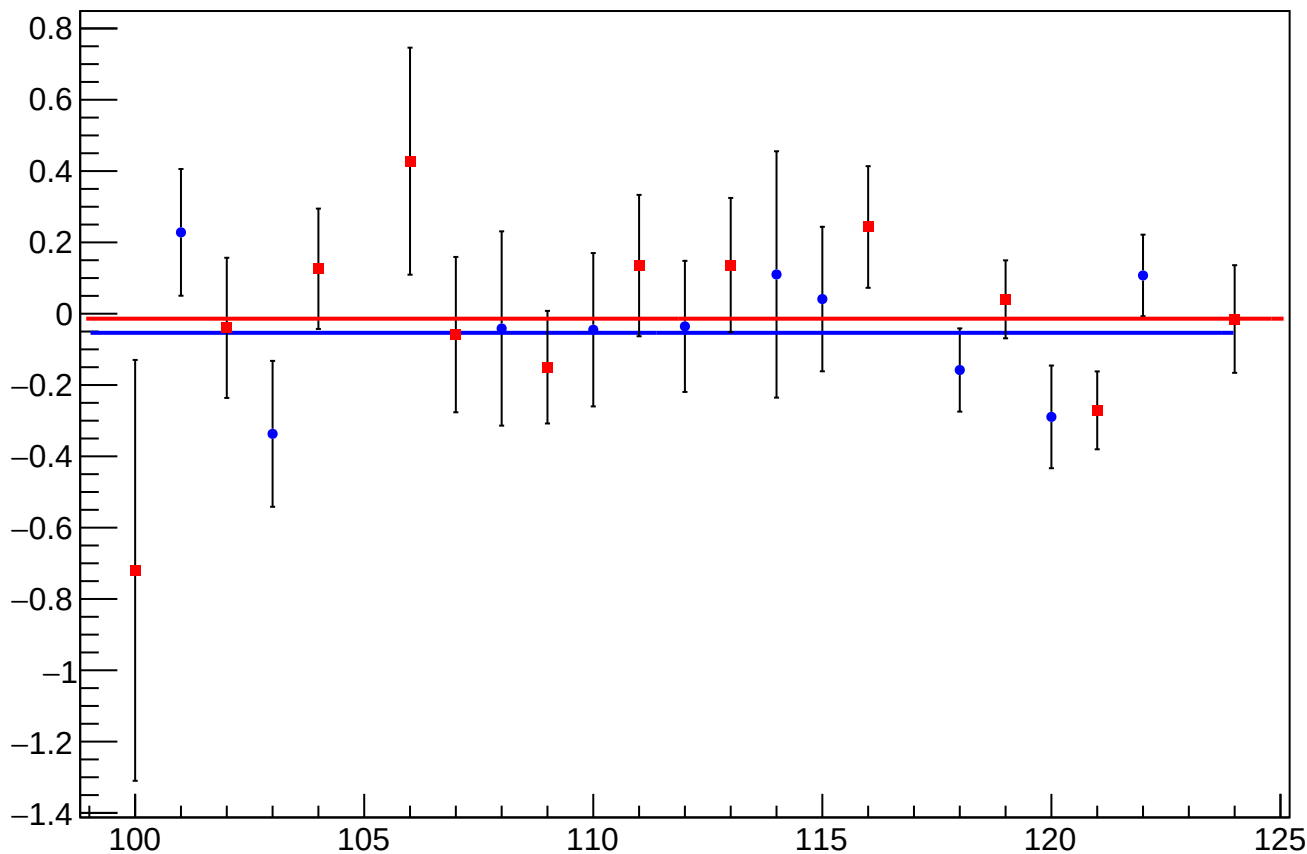
Right: 100.175+/-0.025 χ^2/NDF : 1421673.7/21

In: 102.686+/-0.038 χ^2/NDF : 694133.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.175+/-0.025 χ^2/NDF : 1421673.7/21

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.054 ± 0.053 χ^2/NDF : 10.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.048 χ^2/NDF : 14.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

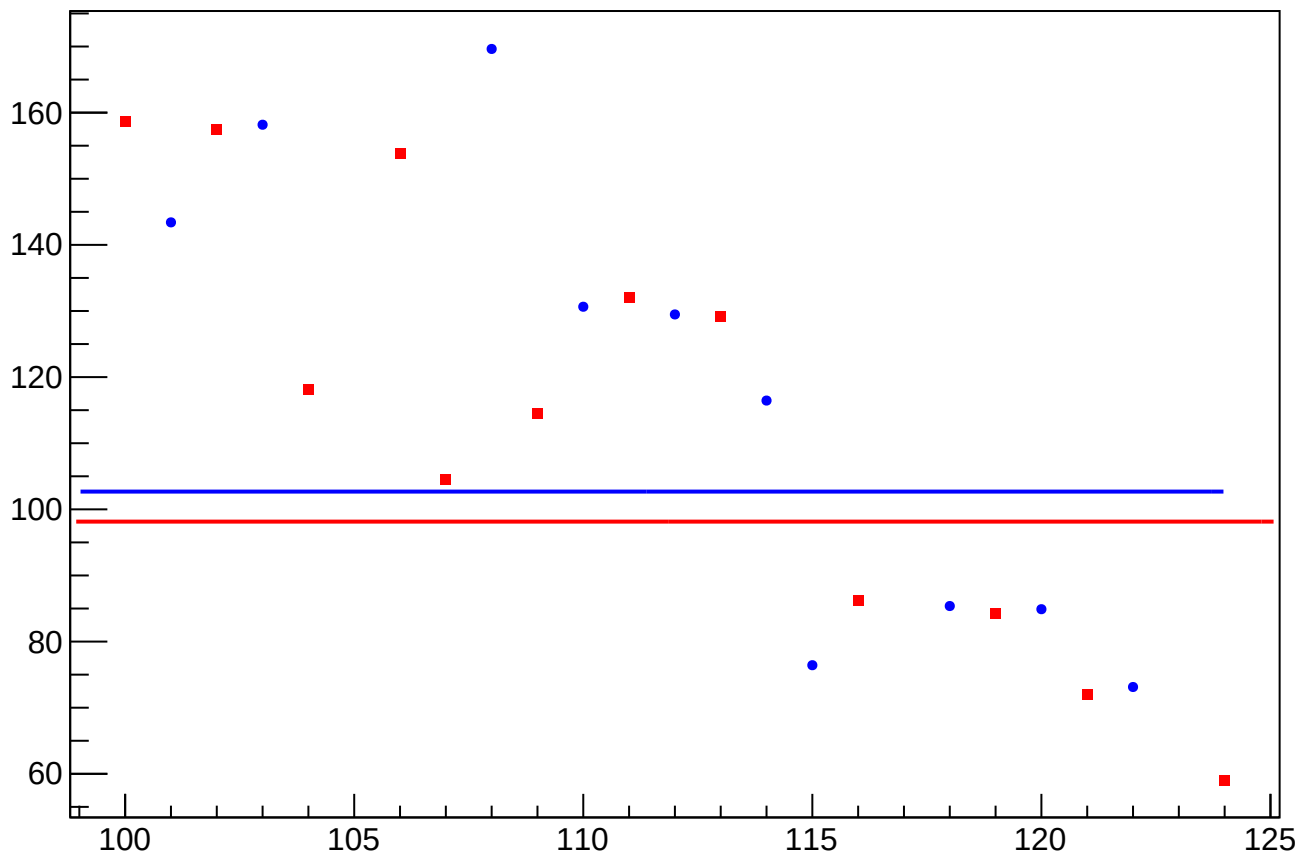
Right: -0.032 ± 0.036 χ^2/NDF : 24.8/21

In: -0.054 ± 0.053 χ^2/NDF : 10.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.032 ± 0.036 χ^2/NDF : 24.8/21

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.686+/-0.038 χ^2/NDF : 694133.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.145+/-0.034 χ^2/NDF : 719531.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

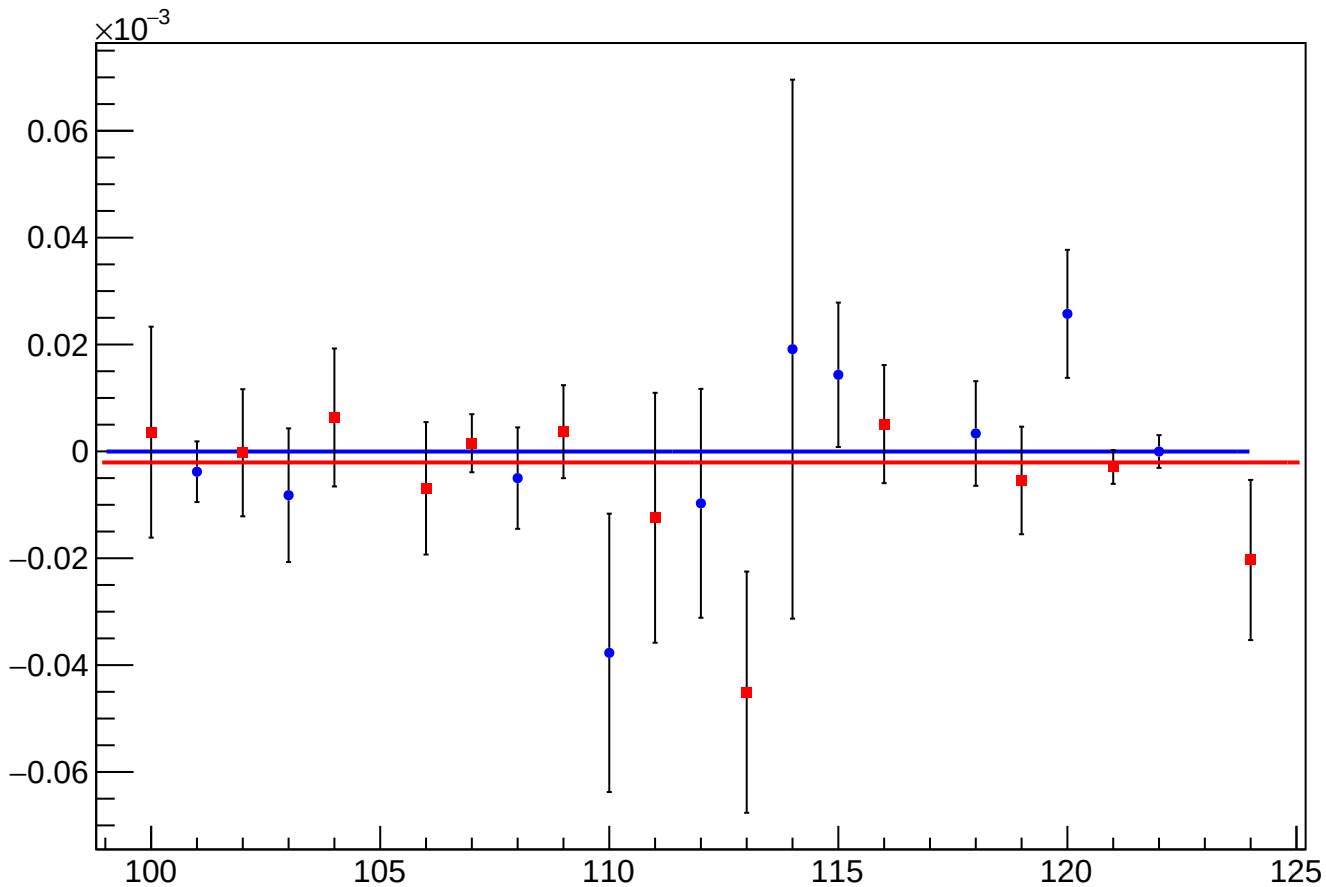
Right: 100.175+/-0.025 χ^2/NDF : 1421673.7/21

In: 102.686+/-0.038 χ^2/NDF : 694133.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.175+/-0.025 χ^2/NDF : 1421673.7/21

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

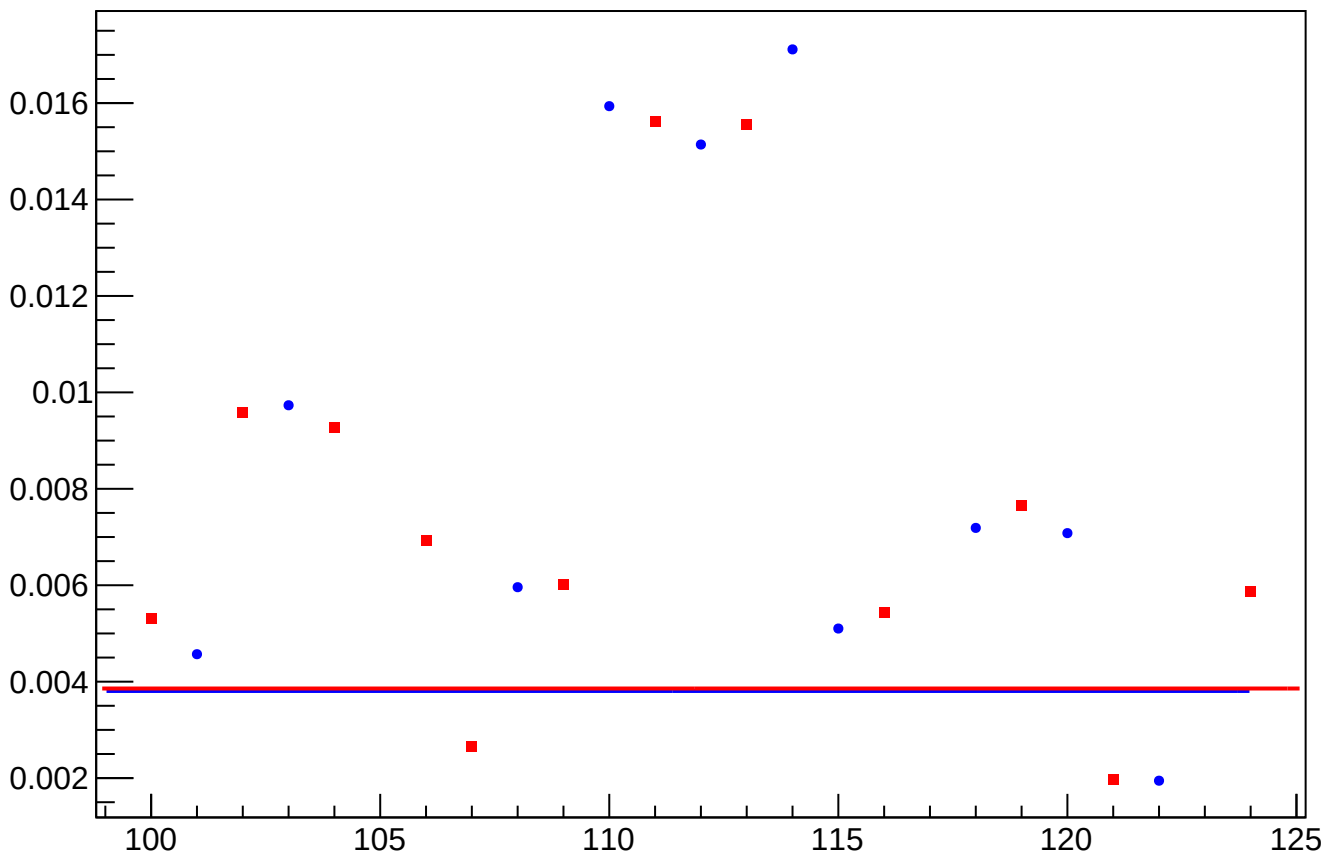
Right: -0.000+/-0.000 χ^2/NDF : 17.3/21

In: -0.000+/-0.000 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.3/21

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 2864642.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 3283097.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

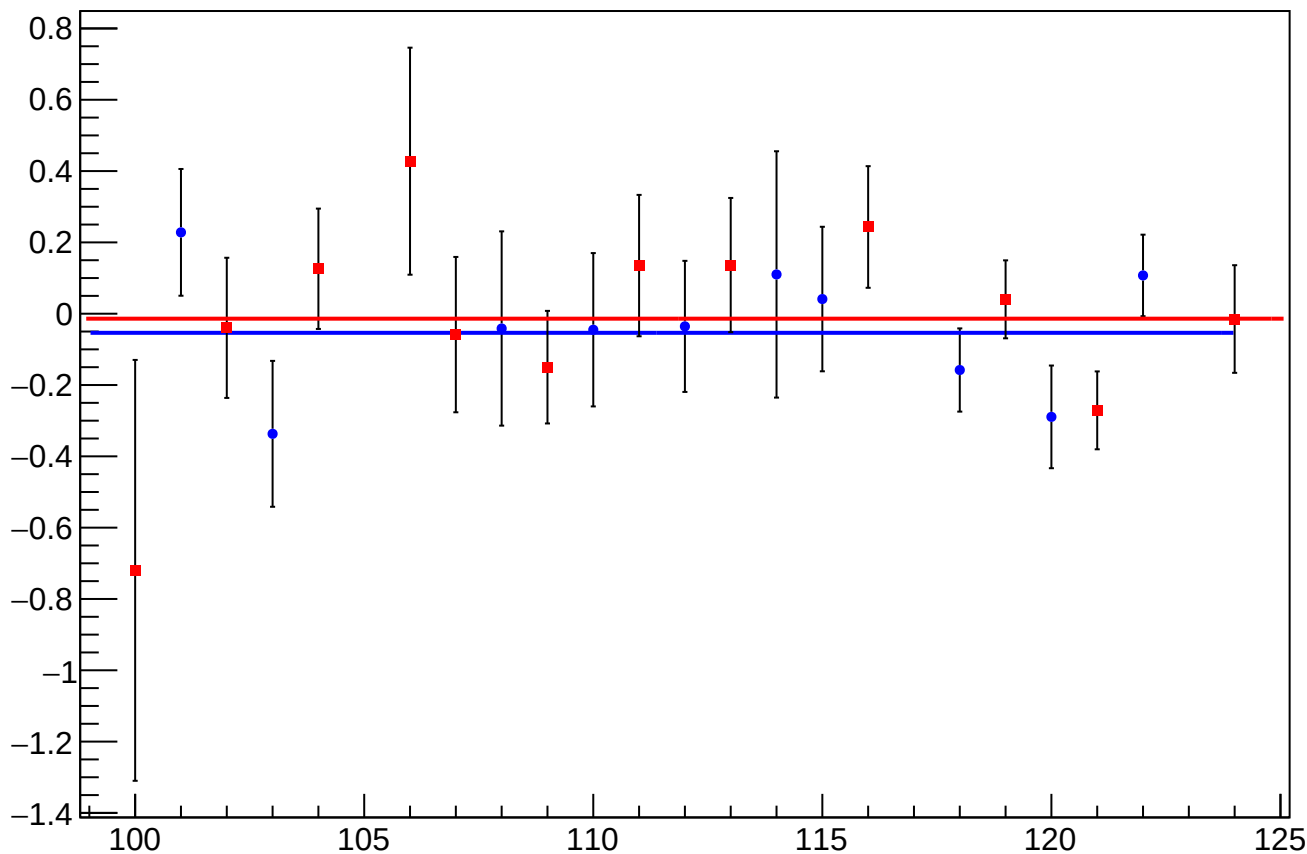
Right: 0.004+/-0.000 χ^2/NDF : 6148223.9/21

In: 0.004+/-0.000 χ^2/NDF :2864642.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 6148223.9/21

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.054+/-0.053 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.014+/-0.048 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

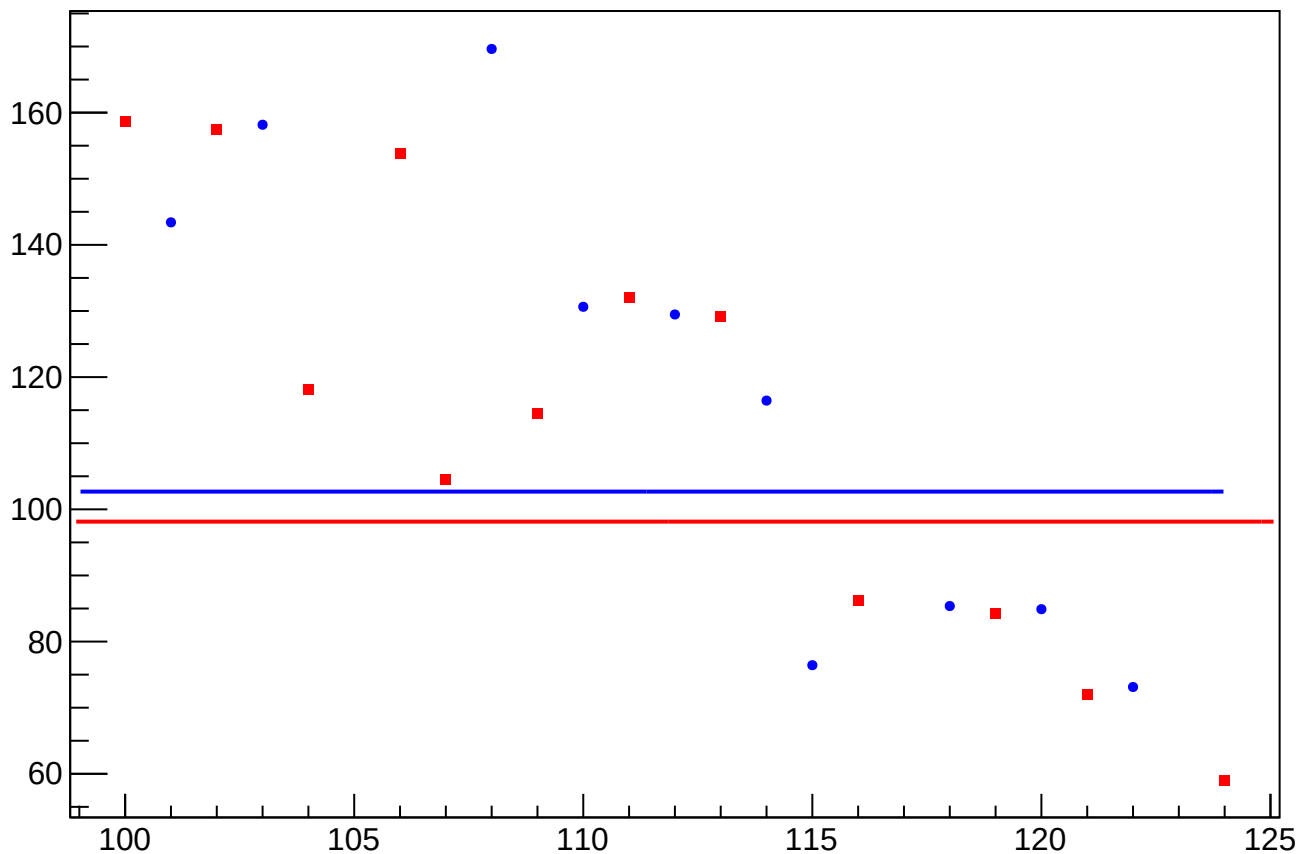
Right: -0.032+/-0.036 χ^2/NDF : 24.8/21

In: -0.054+/-0.053 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.032+/-0.036 χ^2/NDF : 24.8/21

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.684+/-0.038 χ^2/NDF : 694115.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.143+/-0.034 χ^2/NDF : 719515.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

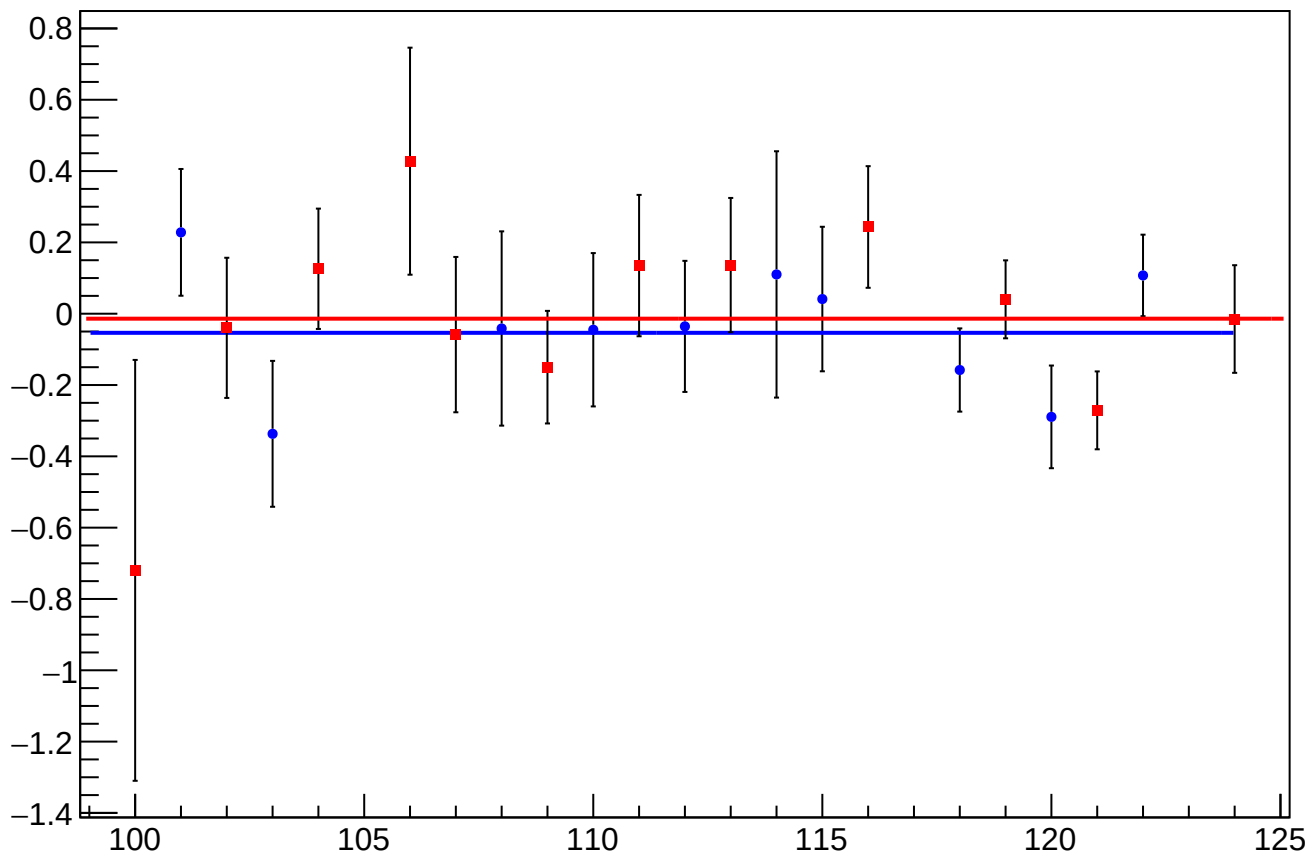
Right: 100.173+/-0.025 χ^2/NDF : 1421640.7/21

In: 102.684+/-0.038 χ^2/NDF : 694115.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.173+/-0.025 χ^2/NDF : 1421640.7/21

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.054 $\pm$ 0.053 χ^2 /NDF: 10.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.048 χ^2 /NDF: 14.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

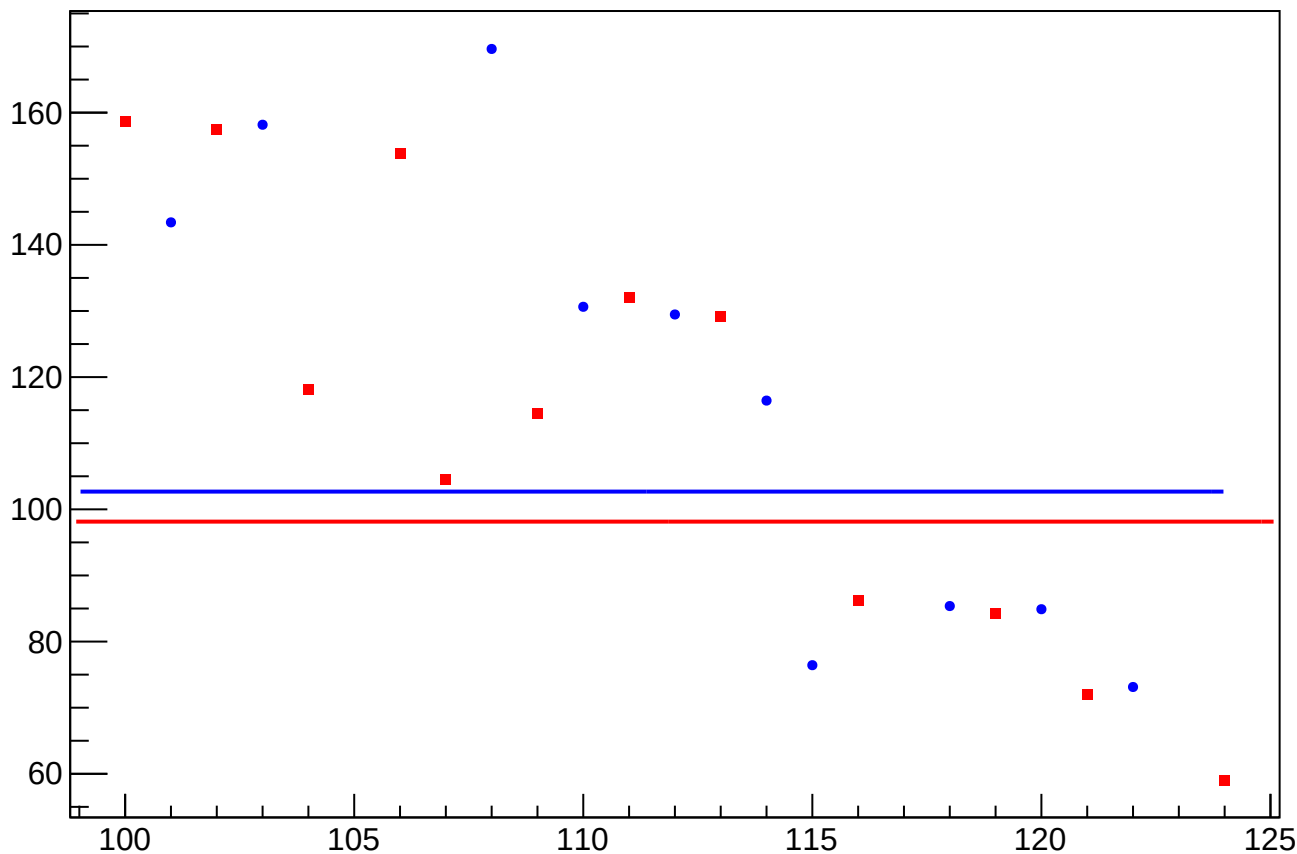
Right: -0.032 $\pm$ 0.036 χ^2 /NDF: 24.8/21

In: -0.054 $\pm$ 0.053 χ^2 /NDF:10.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.036 χ^2 /NDF: 24.8/21

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.684+/-0.038 χ^2/NDF : 694115.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.143+/-0.034 χ^2/NDF : 719515.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

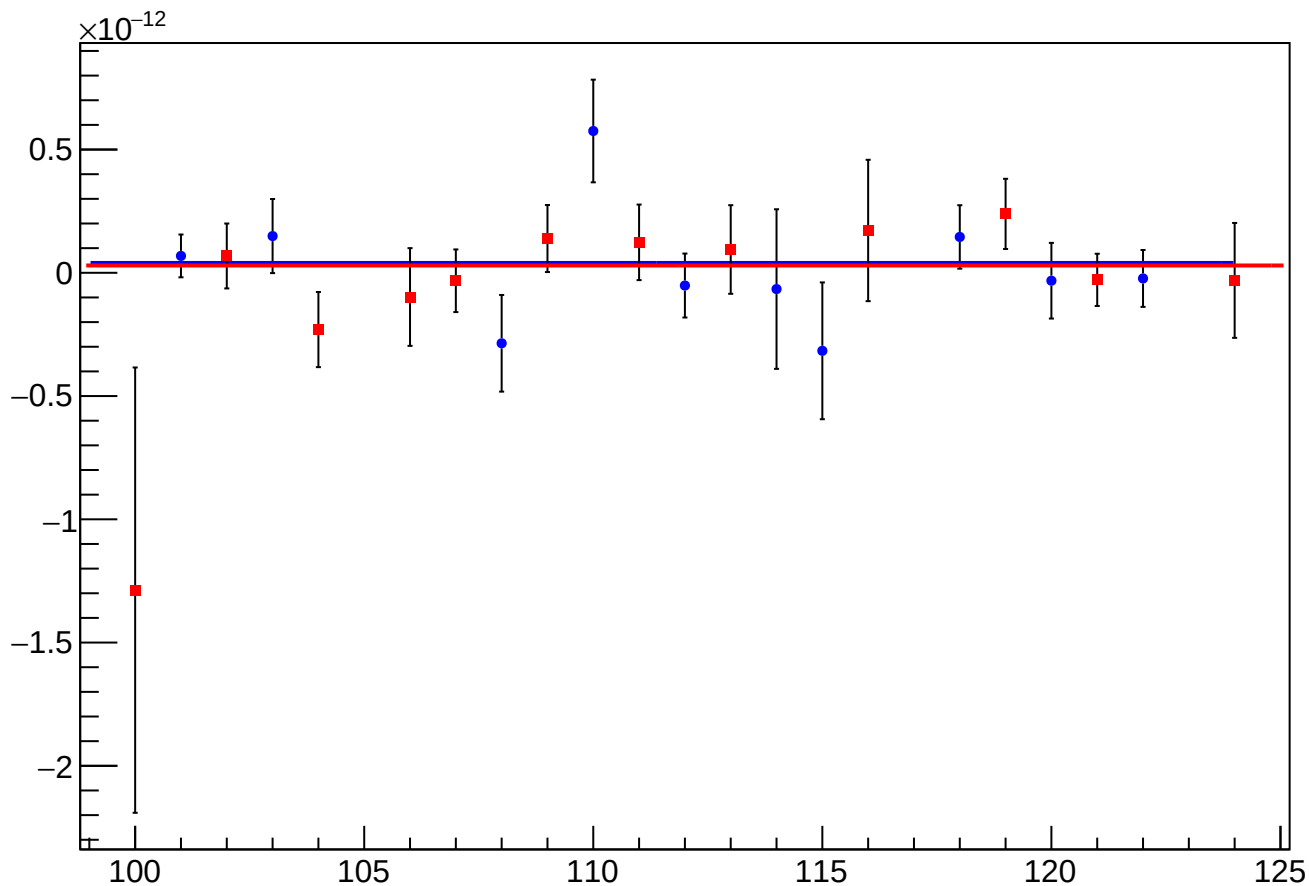
Right: 100.173+/-0.025 χ^2/NDF : 1421640.7/21

In: 102.684+/-0.038 χ^2/NDF : 694115.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.173+/-0.025 χ^2/NDF : 1421640.7/21

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

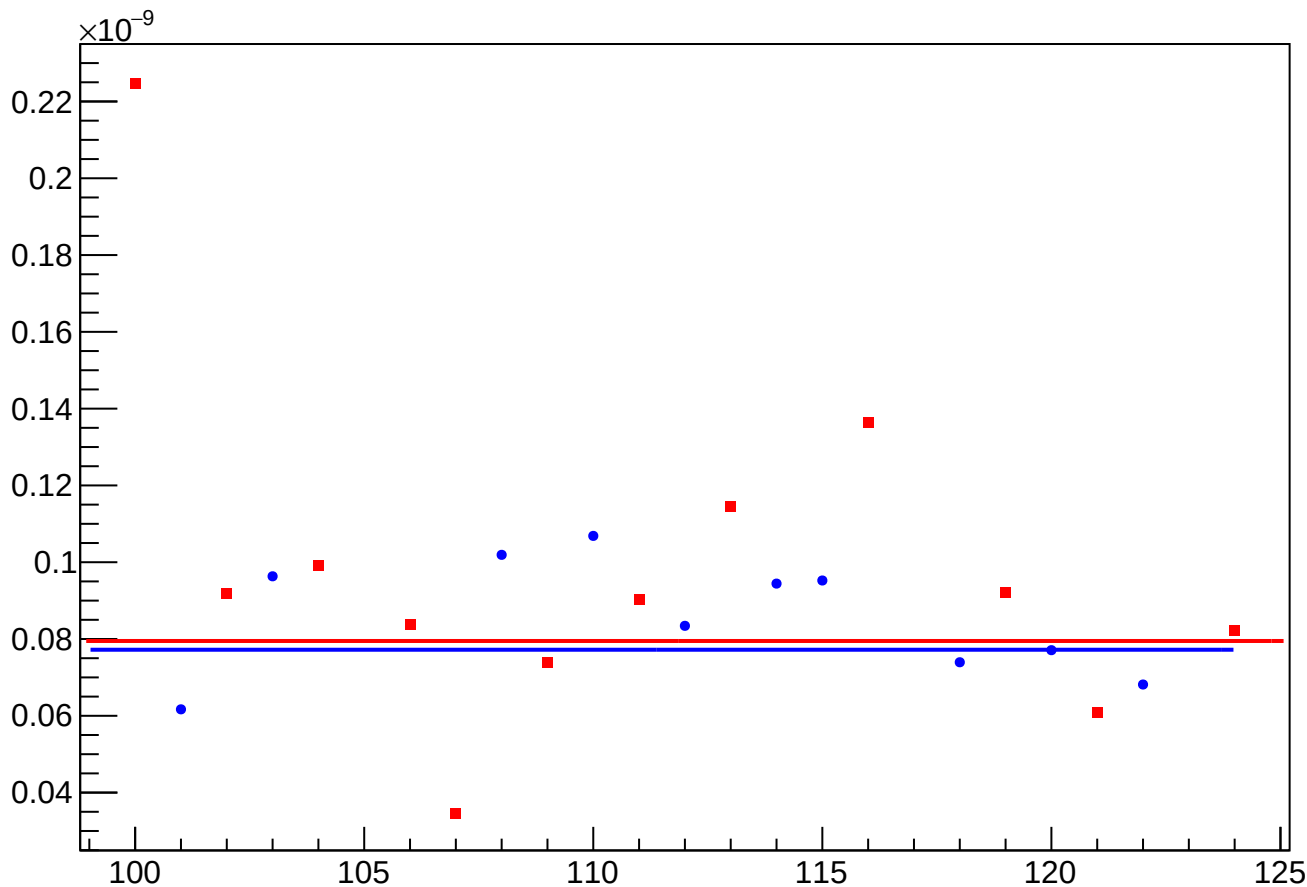
Right: 0.000+/-0.000 χ^2/NDF : 23.2/21

In: 0.000+/-0.000 χ^2/NDF : 13.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.2/21

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 201036.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 598983.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

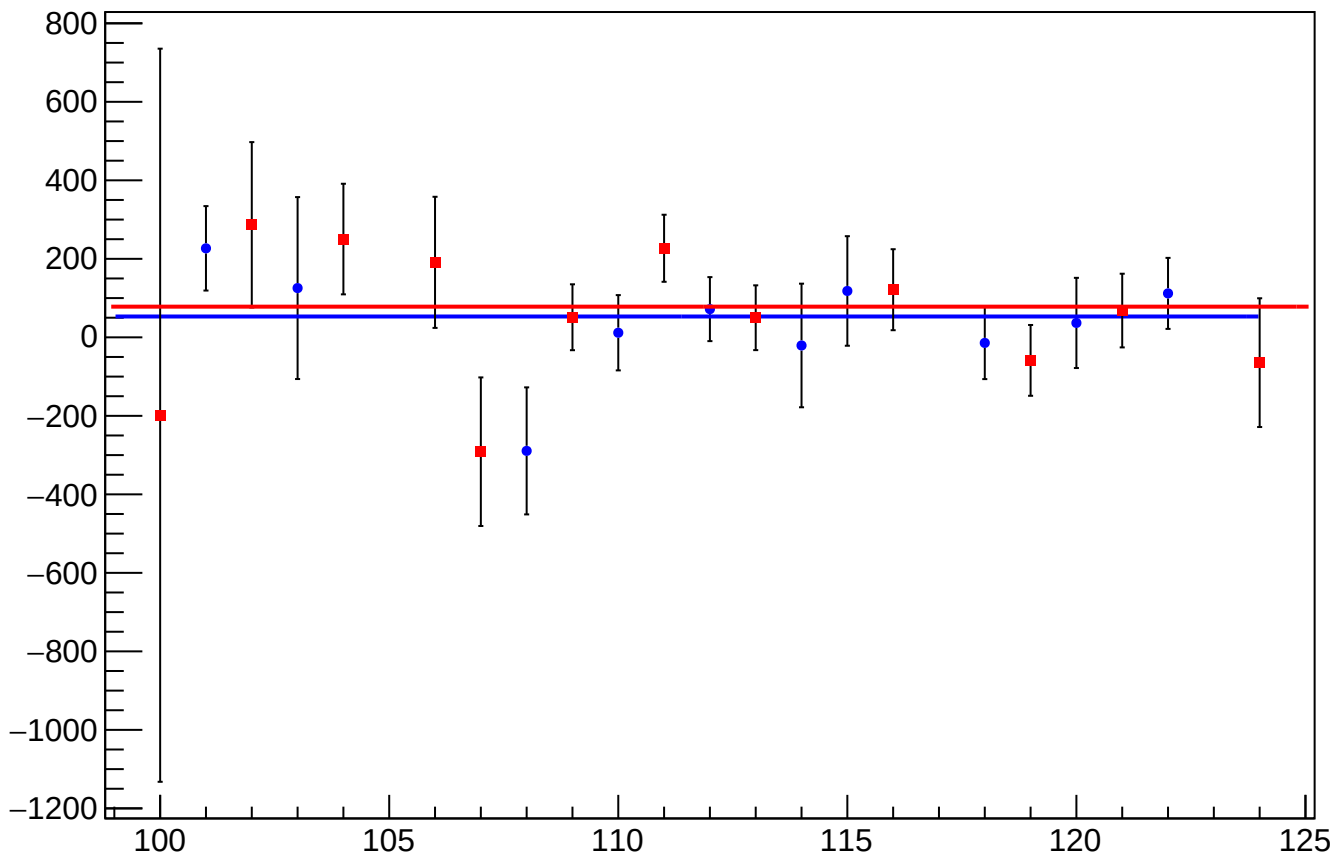
Right: 0.000+/-0.000 χ^2/NDF : 802547.5/21

In: 0.000+/-0.000 χ^2/NDF : 201036.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 802547.5/21

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 53.100 $\pm$ 35.141 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 78.177 $\pm$ 32.770 χ^2 /NDF: 13.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

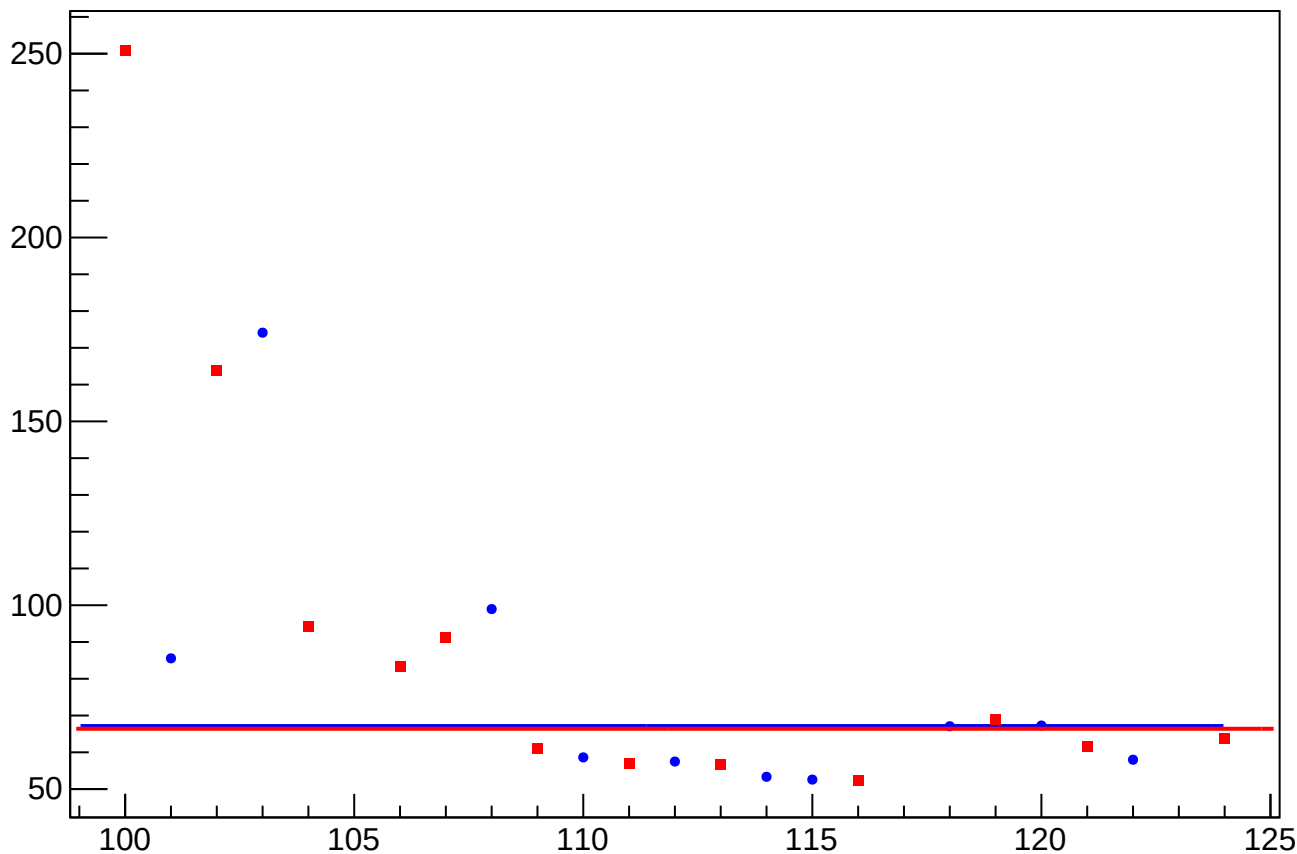
Right: 66.513 $\pm$ 23.966 χ^2 /NDF: 22.4/21

In: 53.100 $\pm$ 35.141 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.513 $\pm$ 23.966 χ^2 /NDF: 22.4/21

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.144+/-0.025 χ^2/NDF : 663575.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.405+/-0.023 χ^2/NDF : 743309.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

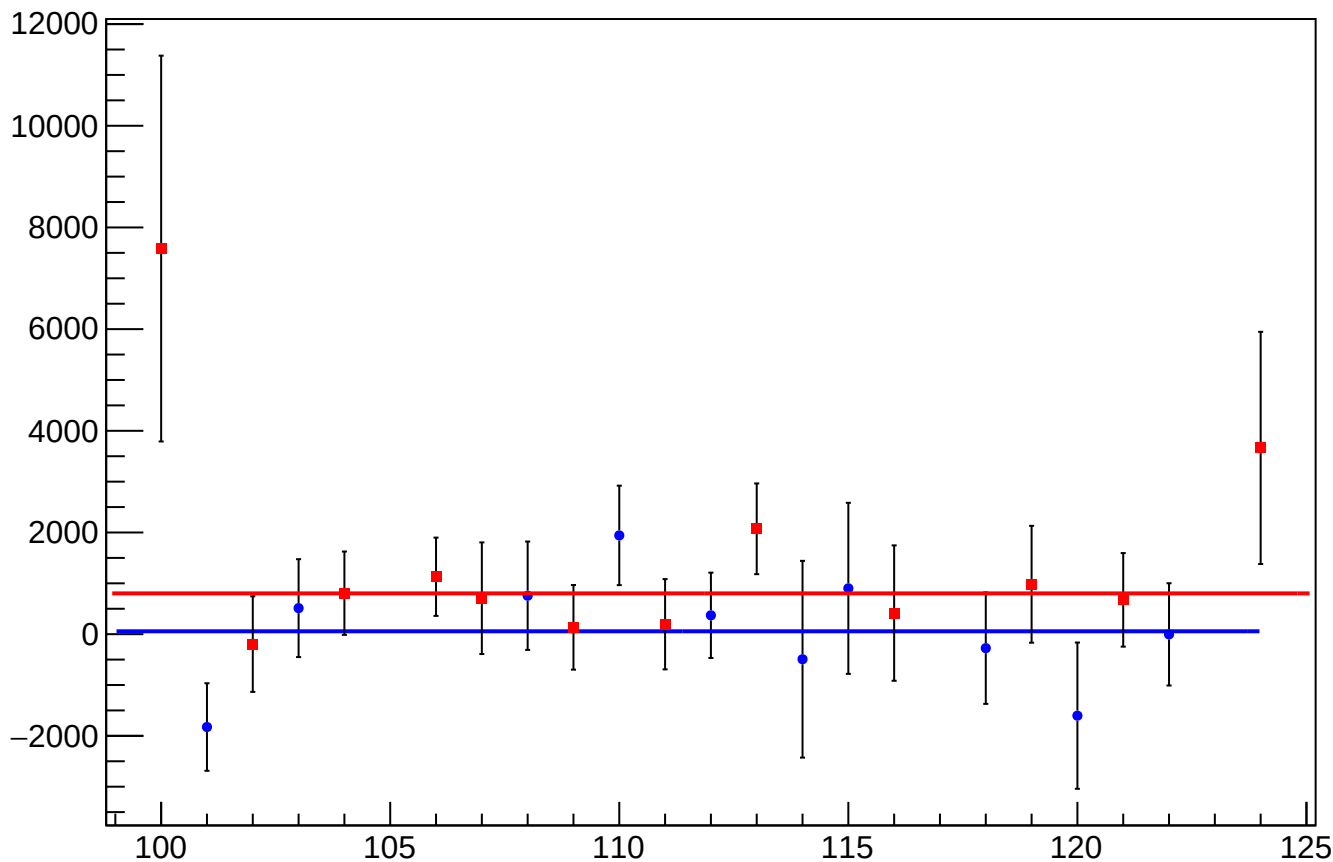
Right: 66.749+/-0.017 χ^2/NDF : 1407357.6/21

In: 67.144+/-0.025 χ^2/NDF : 663575.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.749+/-0.017 χ^2/NDF : 1407357.6/21

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 56.665+/-339.085 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 802.123+/-290.300 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

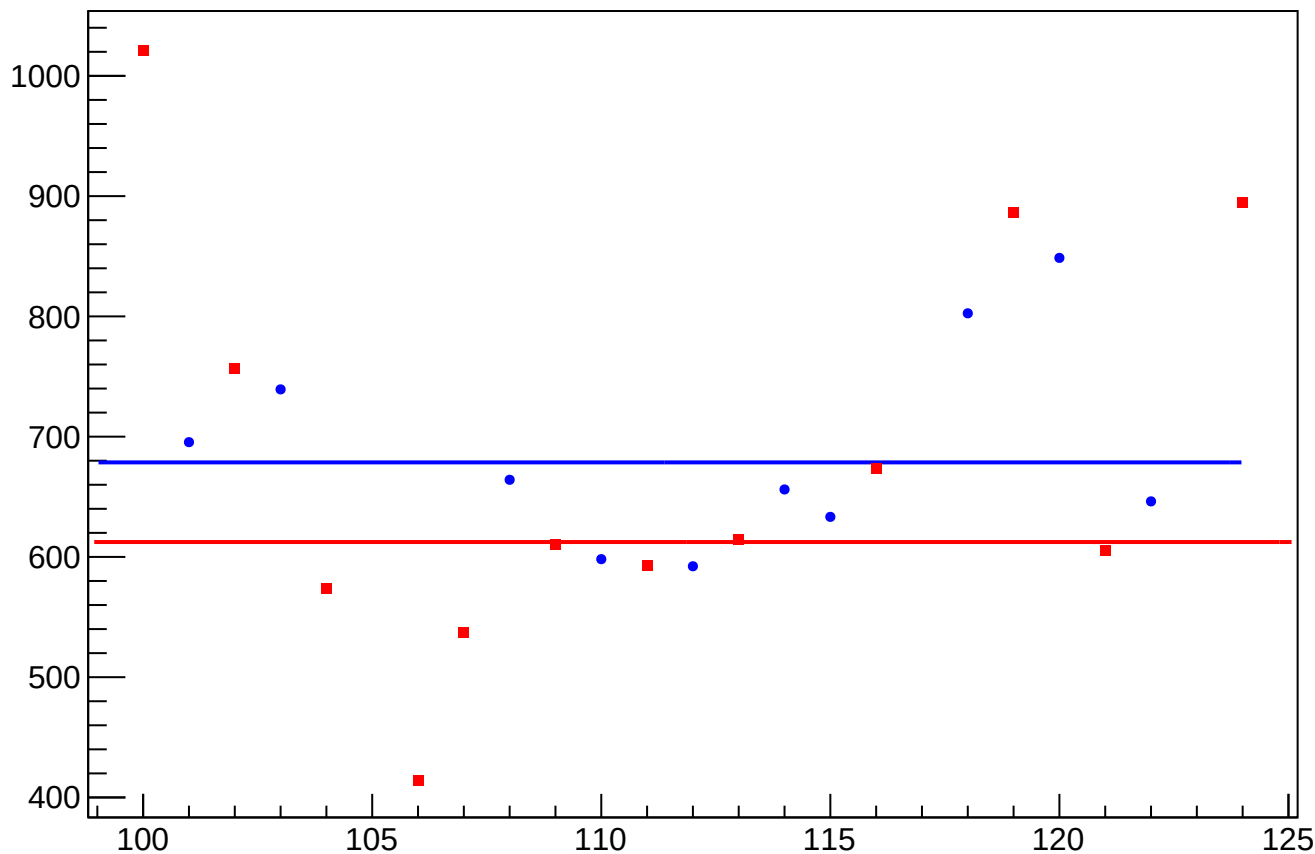
Right: 486.830+/-220.523 χ^2/NDF : 23.2/21

In: 56.665+/-339.085 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.830+/-220.523 χ^2/NDF : 23.2/21

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 678.604 $\pm$ 0.240 χ^2 /NDF: 101133.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 612.386 $\pm$ 0.205 χ^2 /NDF: 365912.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

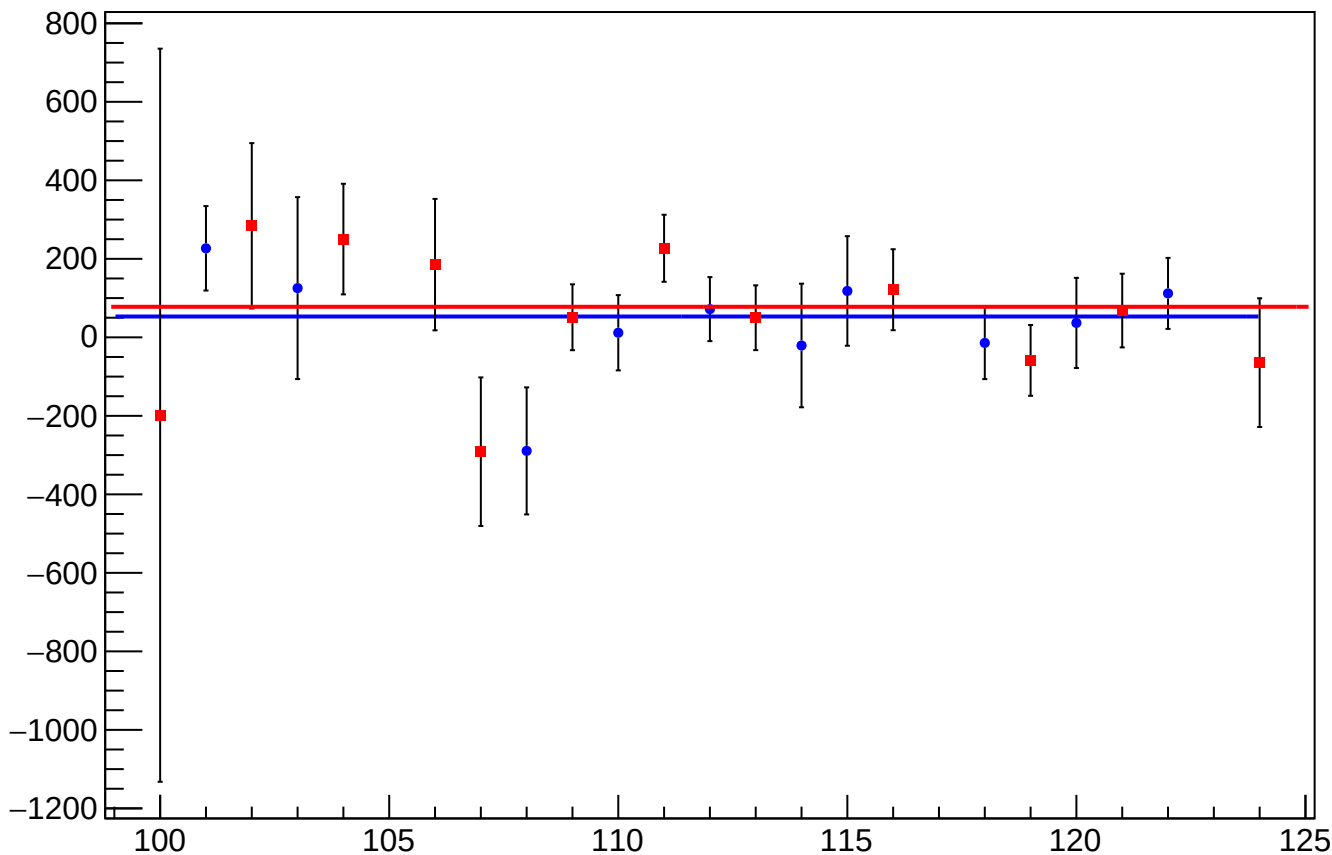
Right: 640.393 $\pm$ 0.156 χ^2 /NDF: 511058.6/21

In: 678.604 $\pm$ 0.240 χ^2 /NDF:101133.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 640.393 $\pm$ 0.156 χ^2 /NDF: 511058.6/21

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 53.091+/-35.141 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 77.850+/-32.774 χ^2/NDF : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

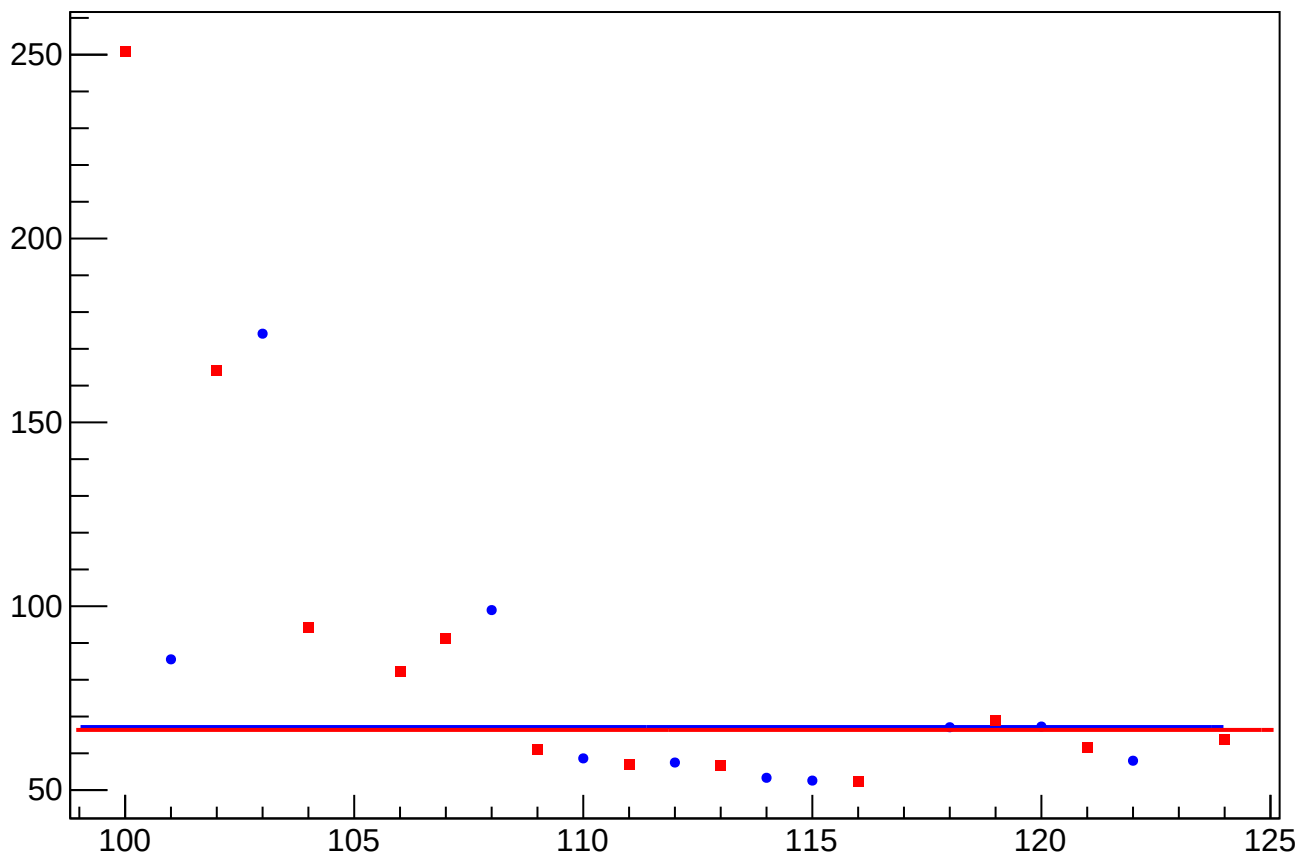
Right: 66.333+/-23.968 χ^2/NDF : 22.4/21

In: 53.091+/-35.141 χ^2/NDF :8.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 66.333+/-23.968 χ^2/NDF : 22.4/21

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.144+/-0.025 χ^2/NDF : 663577.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.362+/-0.023 χ^2/NDF : 740995.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

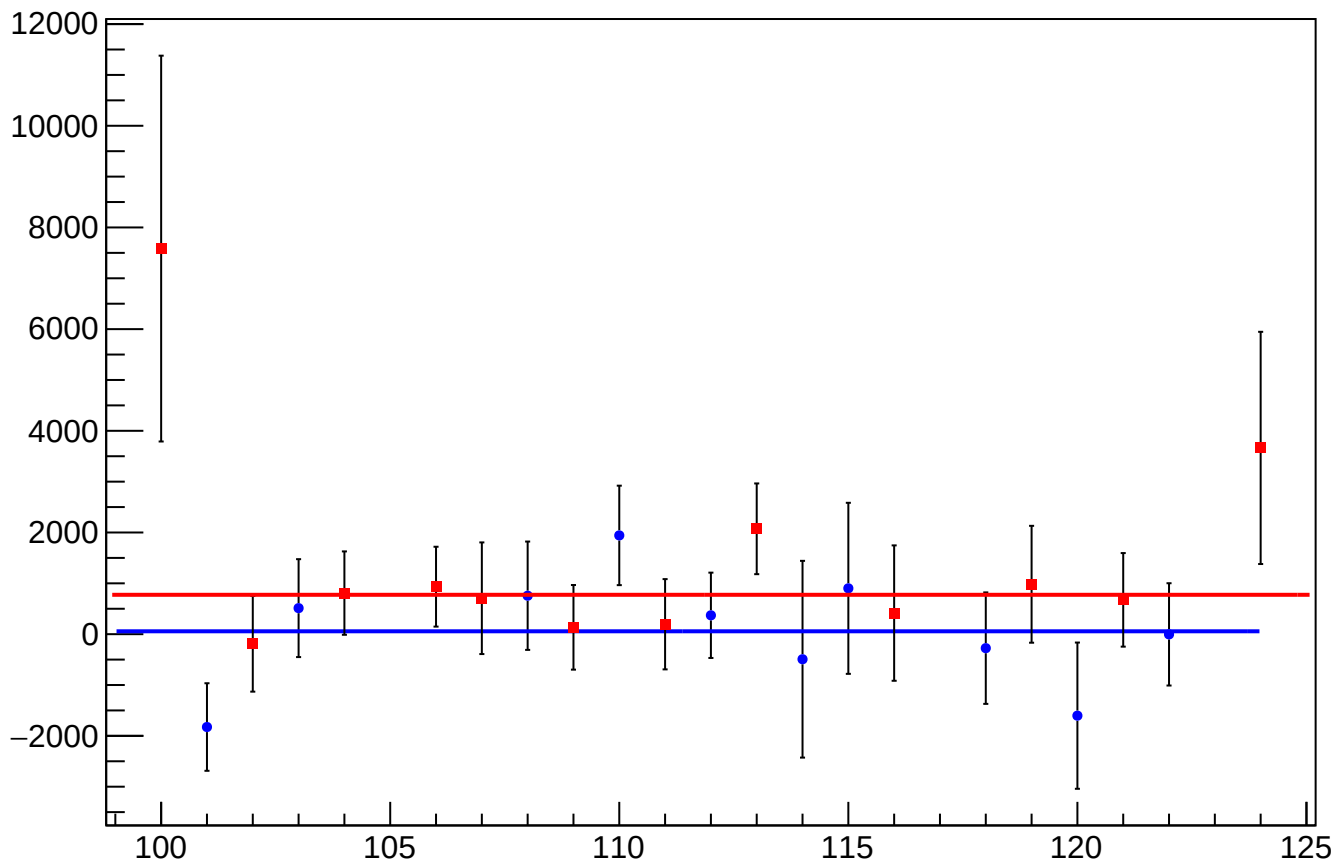
Right: 66.726+/-0.017 χ^2/NDF : 1405102.2/21

In: 67.144+/-0.025 χ^2/NDF : 663577.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.726+/-0.017 χ^2/NDF : 1405102.2/21

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 56.676+/-339.089 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 774.436+/-291.139 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

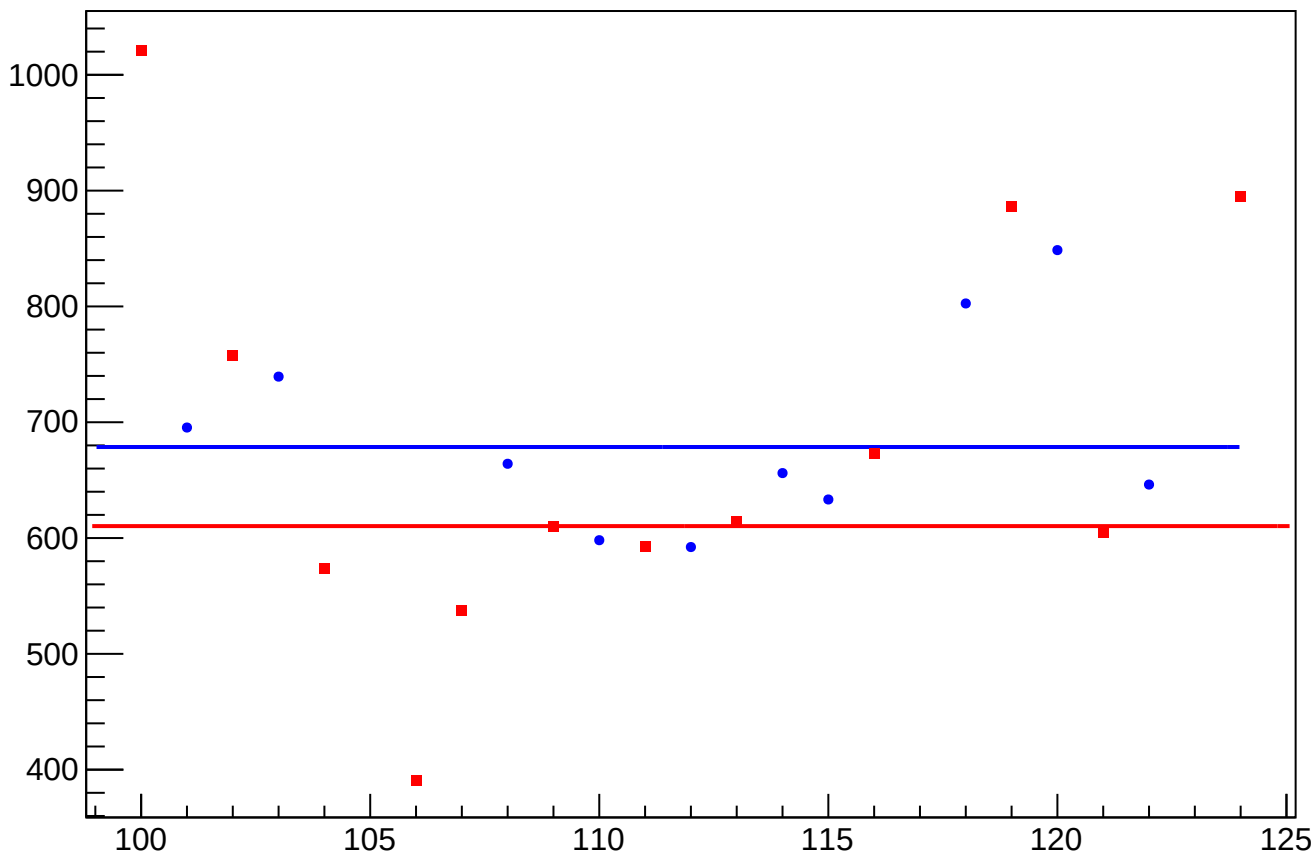
Right: 469.851+/-220.891 χ^2/NDF : 22.8/21

In: 56.676+/-339.089 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.851+/-220.891 χ^2/NDF : 22.8/21

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 678.612 $\pm$ 0.240 χ^2 /NDF: 101152.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 610.316 $\pm$ 0.206 χ^2 /NDF: 392882.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

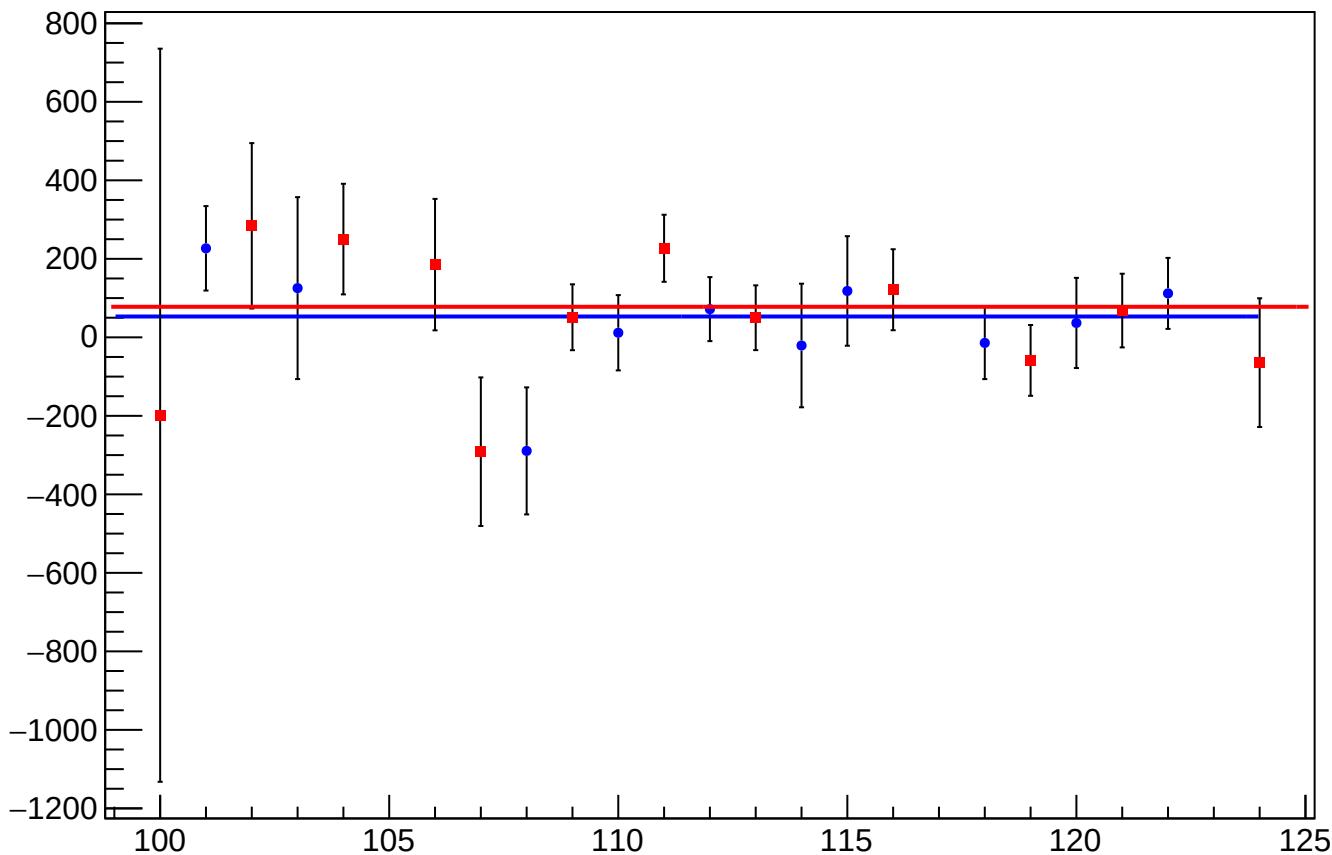
Right: 639.298 $\pm$ 0.156 χ^2 /NDF: 540737.9/21

In: 678.612 $\pm$ 0.240 χ^2 /NDF:101152.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 639.298 $\pm$ 0.156 χ^2 /NDF: 540737.9/21

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 53.091+/-35.141 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.850+/-32.774 χ^2/NDF : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

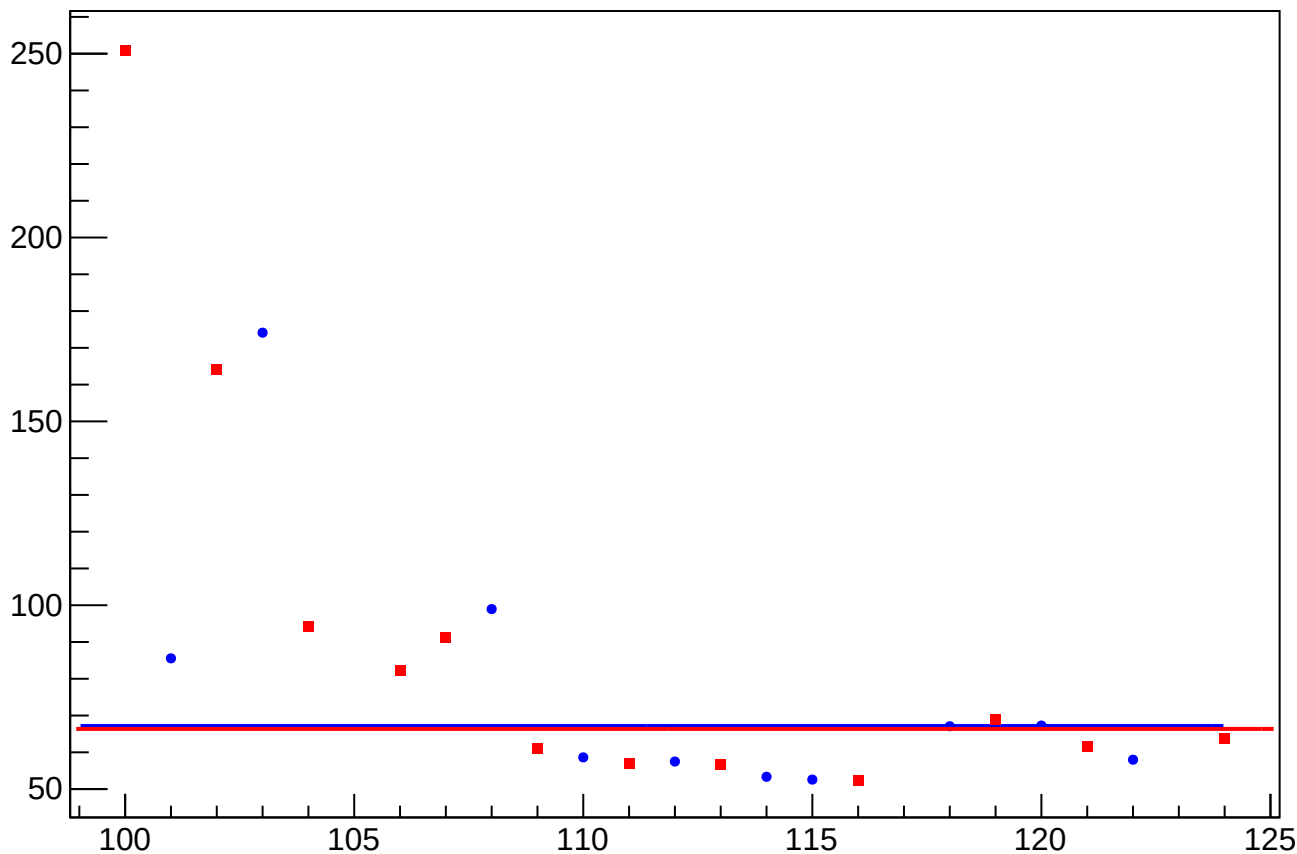
Right: 66.333+/-23.968 χ^2/NDF : 22.4/21

In: 53.091+/-35.141 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.333+/-23.968 χ^2/NDF : 22.4/21

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.144+/-0.025 χ^2/NDF : 663577.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.362+/-0.023 χ^2/NDF : 740995.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

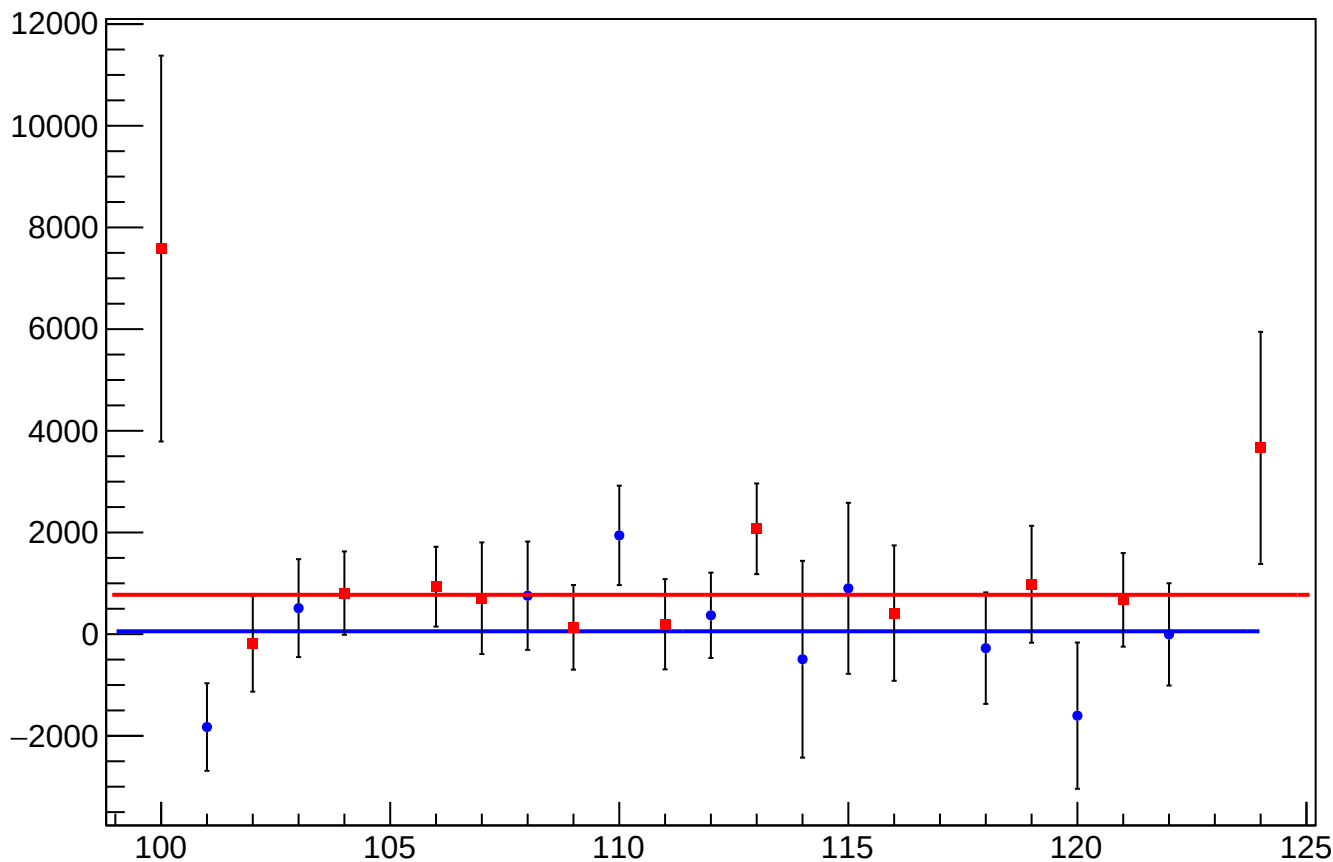
Right: 66.726+/-0.017 χ^2/NDF : 1405102.2/21

In: 67.144+/-0.025 χ^2/NDF : 663577.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.726+/-0.017 χ^2/NDF : 1405102.2/21

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 56.676+/-339.089 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 774.436+/-291.139 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

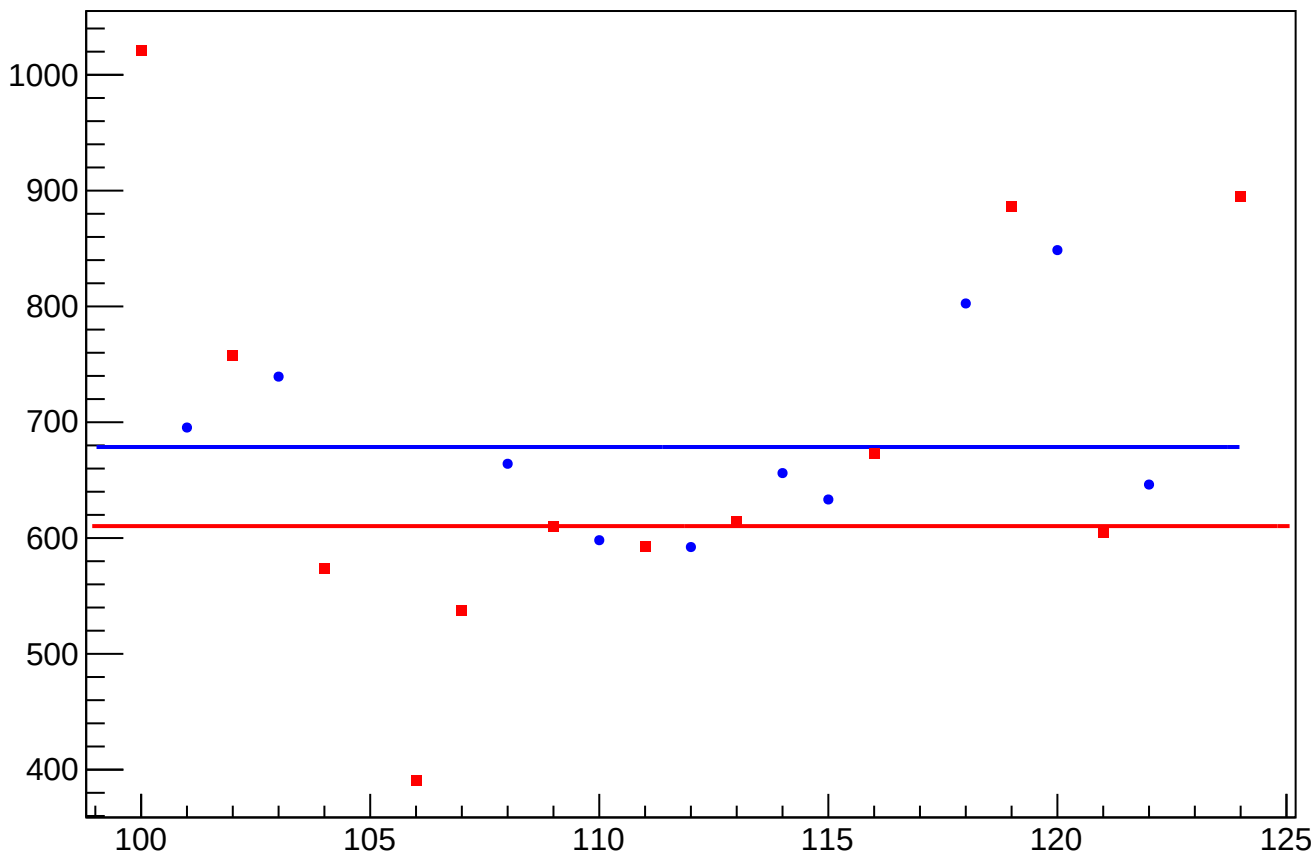
Right: 469.851+/-220.891 χ^2/NDF : 22.8/21

In: 56.676+/-339.089 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.851+/-220.891 χ^2/NDF : 22.8/21

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 678.612 $\pm$ 0.240 χ^2 /NDF: 101152.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 610.316 $\pm$ 0.206 χ^2 /NDF: 392882.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

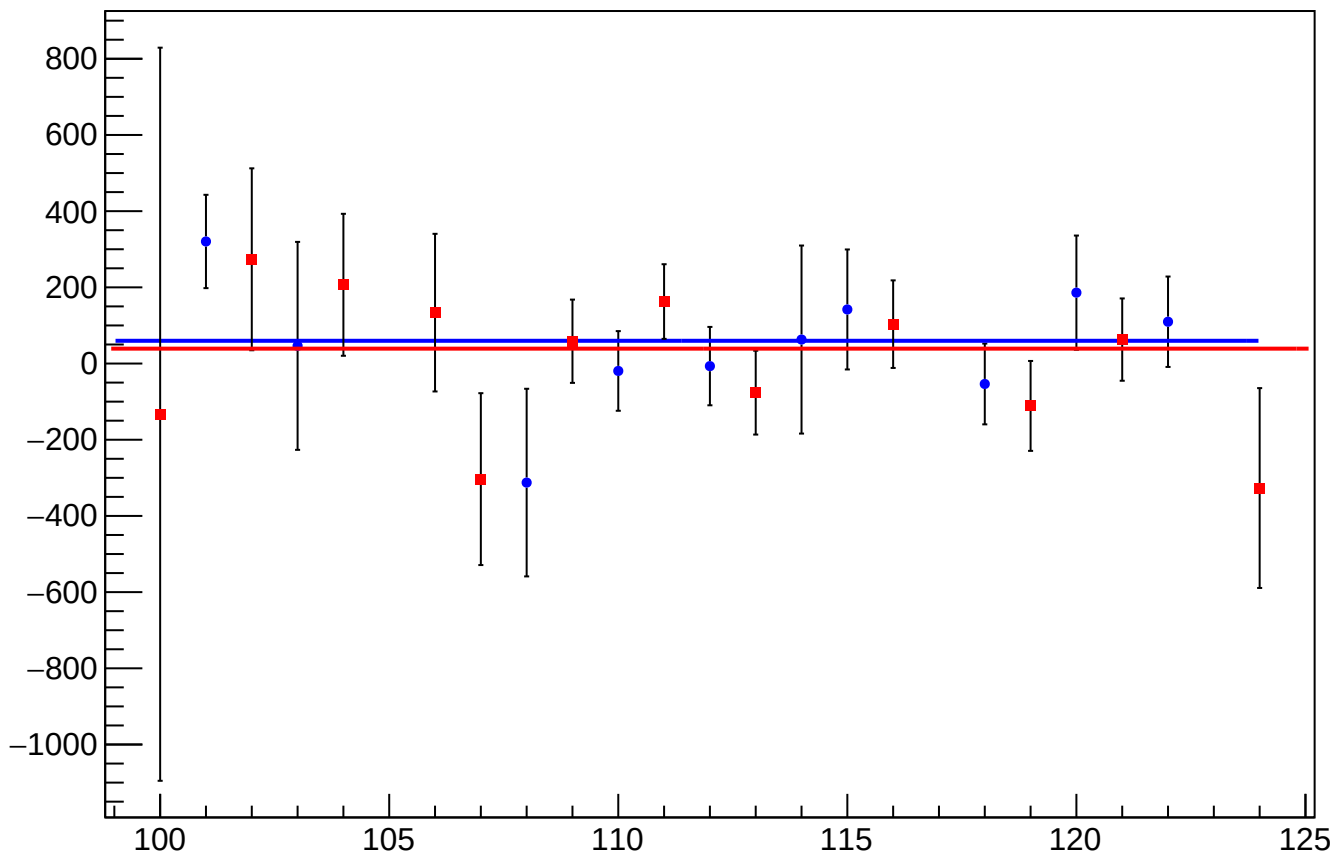
Right: 639.298 $\pm$ 0.156 χ^2 /NDF: 540737.9/21

In: 678.612 $\pm$ 0.240 χ^2 /NDF:101152.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 639.298 $\pm$ 0.156 χ^2 /NDF: 540737.9/21

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.733+/-42.882 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.104+/-40.534 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

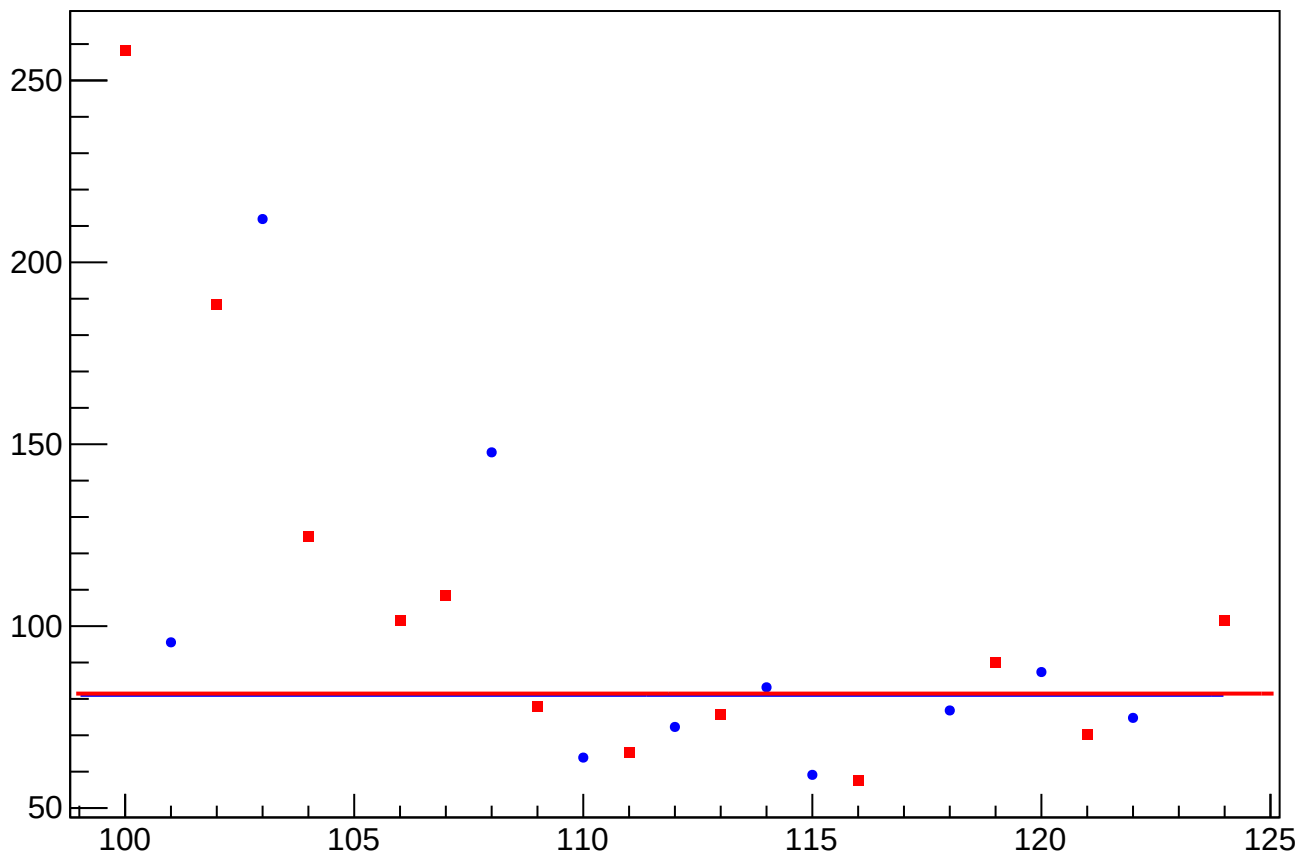
Right: 48.838+/-29.457 χ^2/NDF : 21.2/21

In: 59.733+/-42.882 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.838+/-29.457 χ^2/NDF : 21.2/21

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 81.116+/-0.030 χ^2/NDF : 754295.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.457+/-0.029 χ^2/NDF : 816723.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

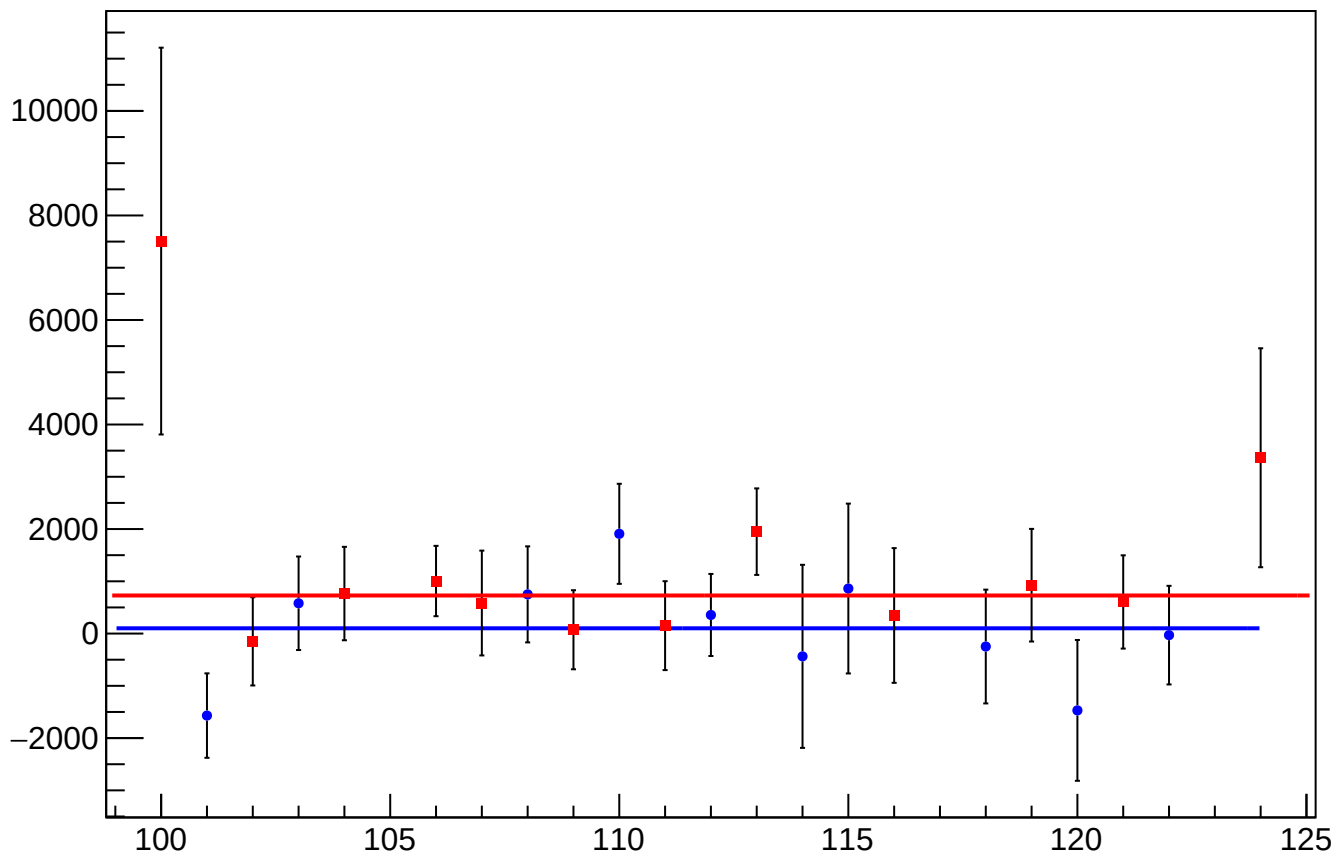
Right: 81.296+/-0.021 χ^2/NDF : 1571085.9/21

In: 81.116+/-0.030 χ^2/NDF : 754295.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.296+/-0.021 χ^2/NDF : 1571085.9/21

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 100.956+/-317.788 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.582+/-272.498 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

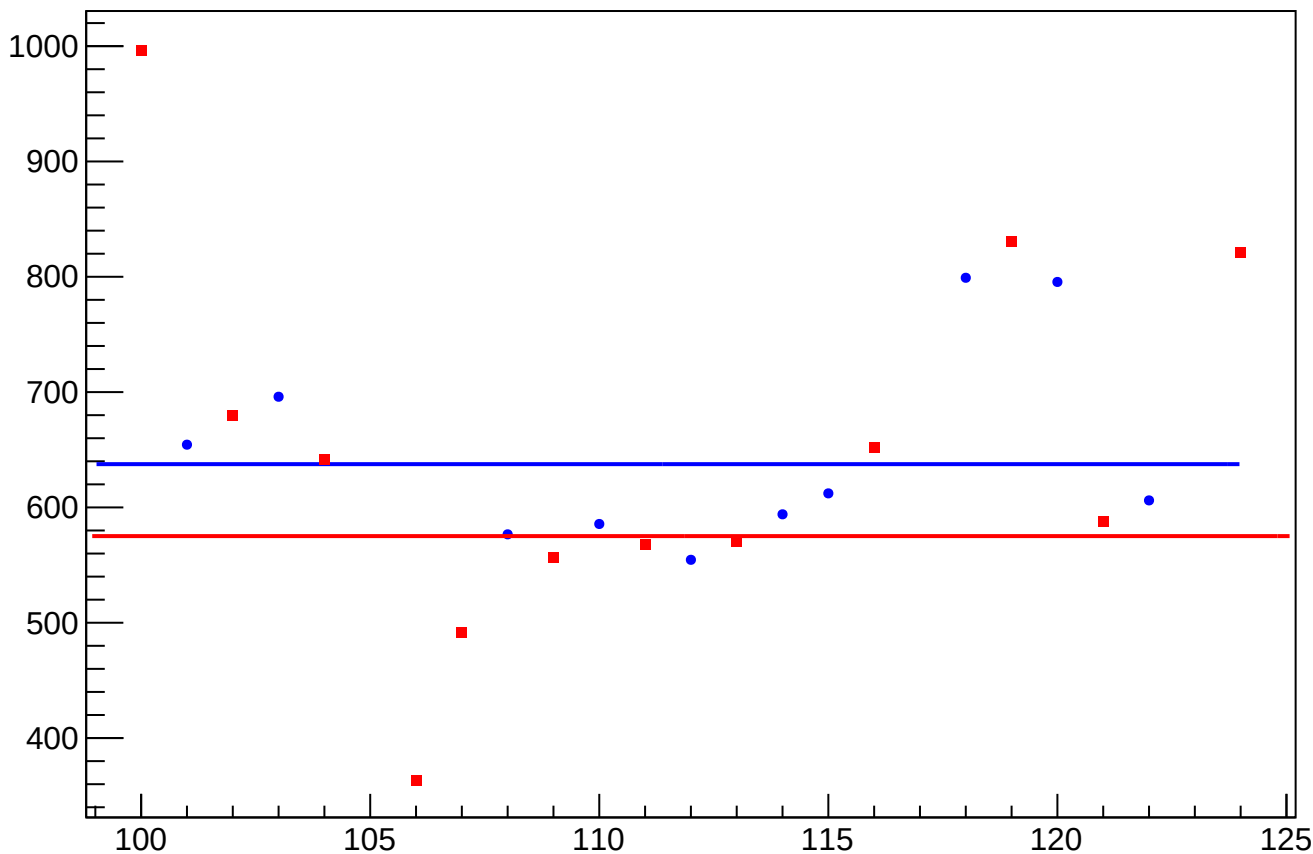
Right: 462.642+/-206.861 χ^2/NDF : 22.5/21

In: 100.956+/-317.788 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.642+/-206.861 χ^2/NDF : 22.5/21

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 637.523+/-0.225 χ^2/NDF : 121915.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 575.129+/-0.193 χ^2/NDF : 428621.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

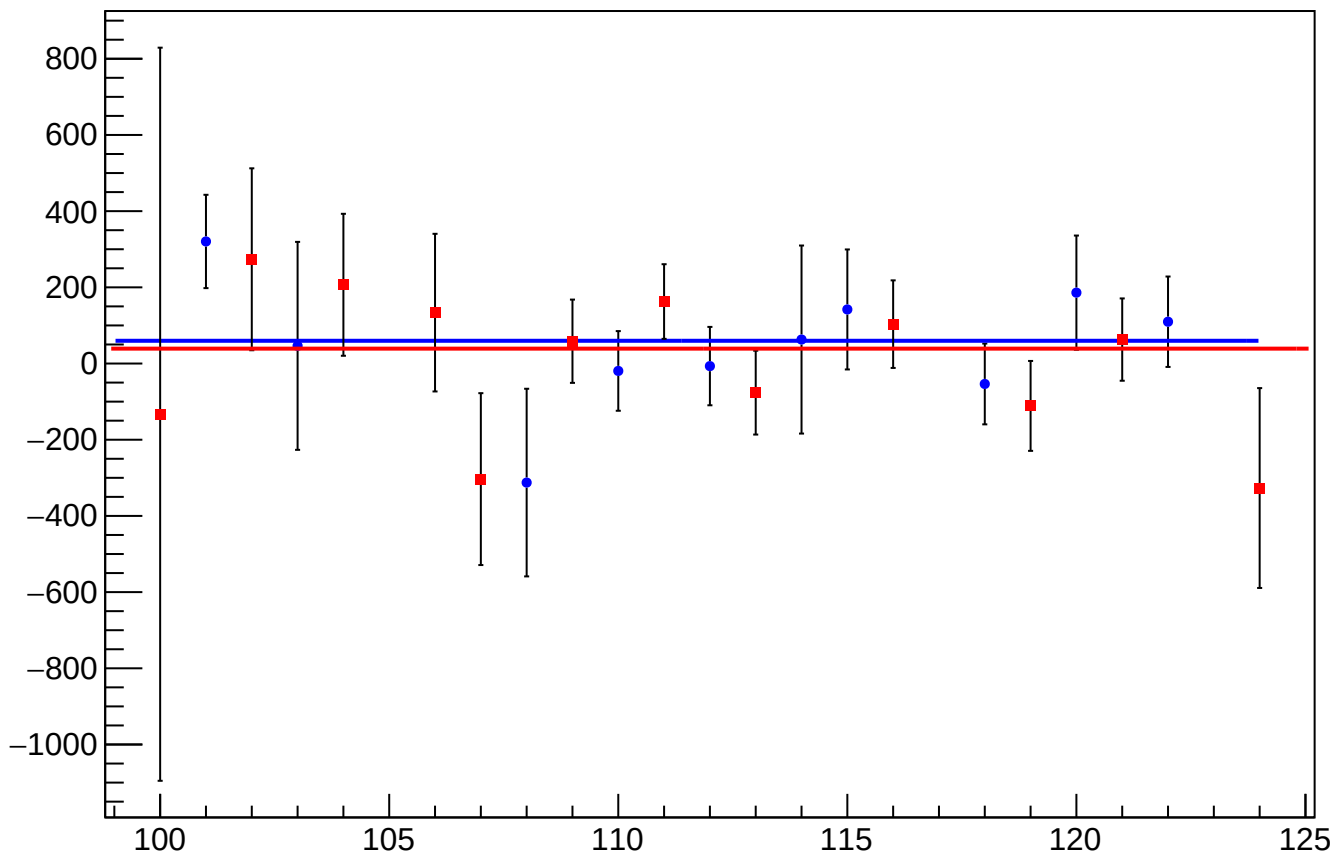
Right: 601.566+/-0.146 χ^2/NDF : 594967.2/21

In: 637.523+/-0.225 χ^2/NDF : 121915.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.566+/-0.146 χ^2/NDF : 594967.2/21

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.732+/-42.882 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.103+/-40.534 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

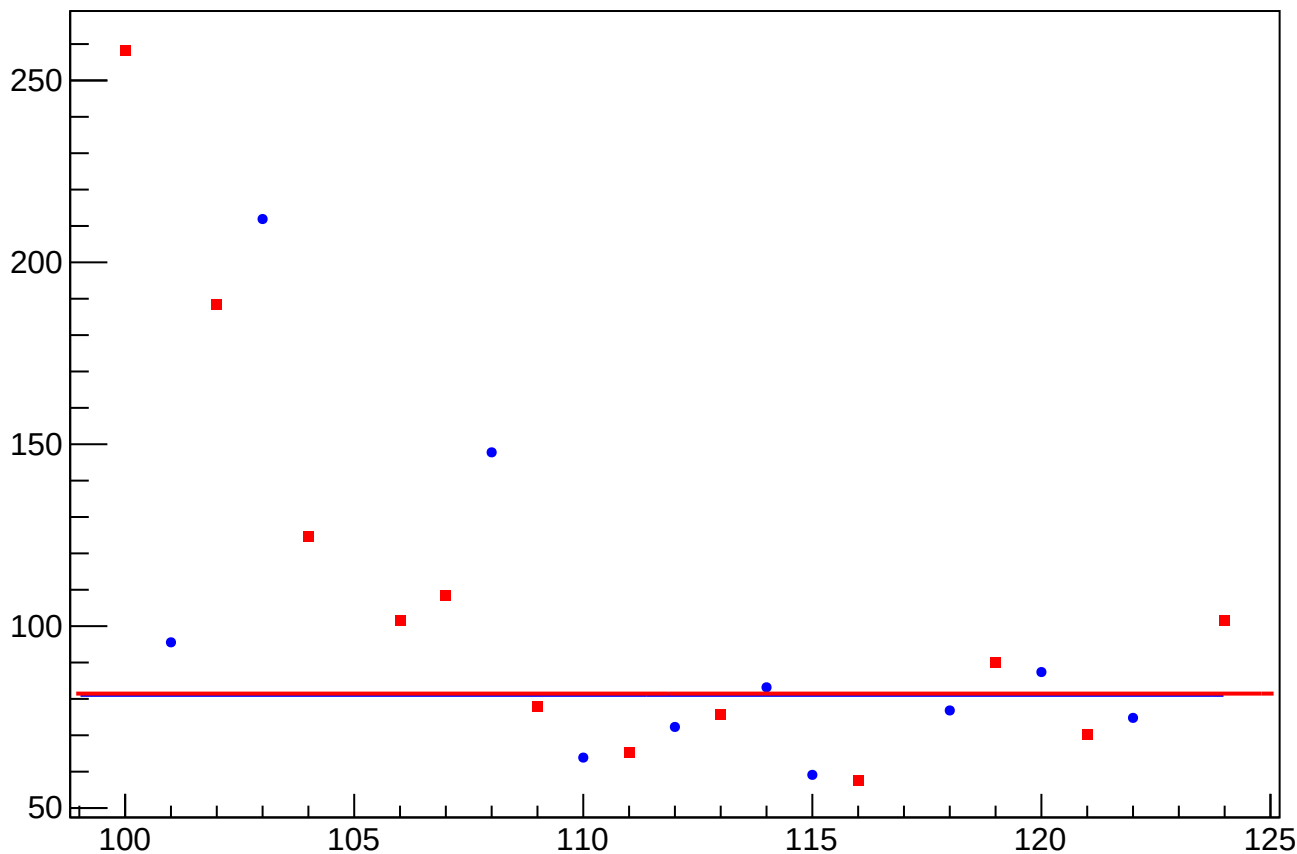
Right: 48.838+/-29.457 χ^2/NDF : 21.2/21

In: 59.732+/-42.882 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.838+/-29.457 χ^2/NDF : 21.2/21

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 81.116 $\pm$ 0.030 χ^2 /NDF: 754300.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.457 $\pm$ 0.029 χ^2 /NDF: 816717.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

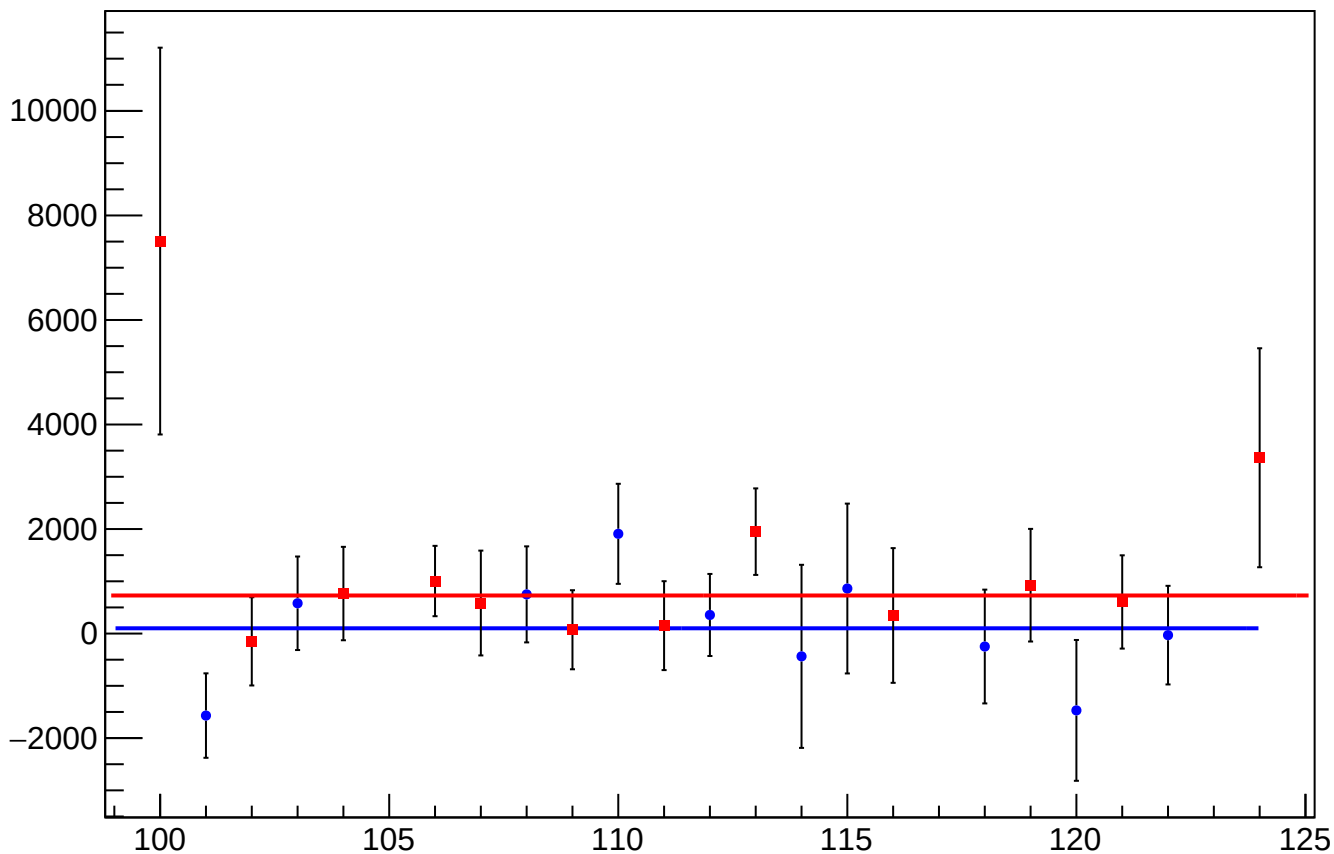
Right: 81.296 $\pm$ 0.021 χ^2 /NDF: 1571084.7/21

In: 81.116 $\pm$ 0.030 χ^2 /NDF: 754300.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.296 $\pm$ 0.021 χ^2 /NDF: 1571084.7/21

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 100.956+/-317.787 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.581+/-272.497 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

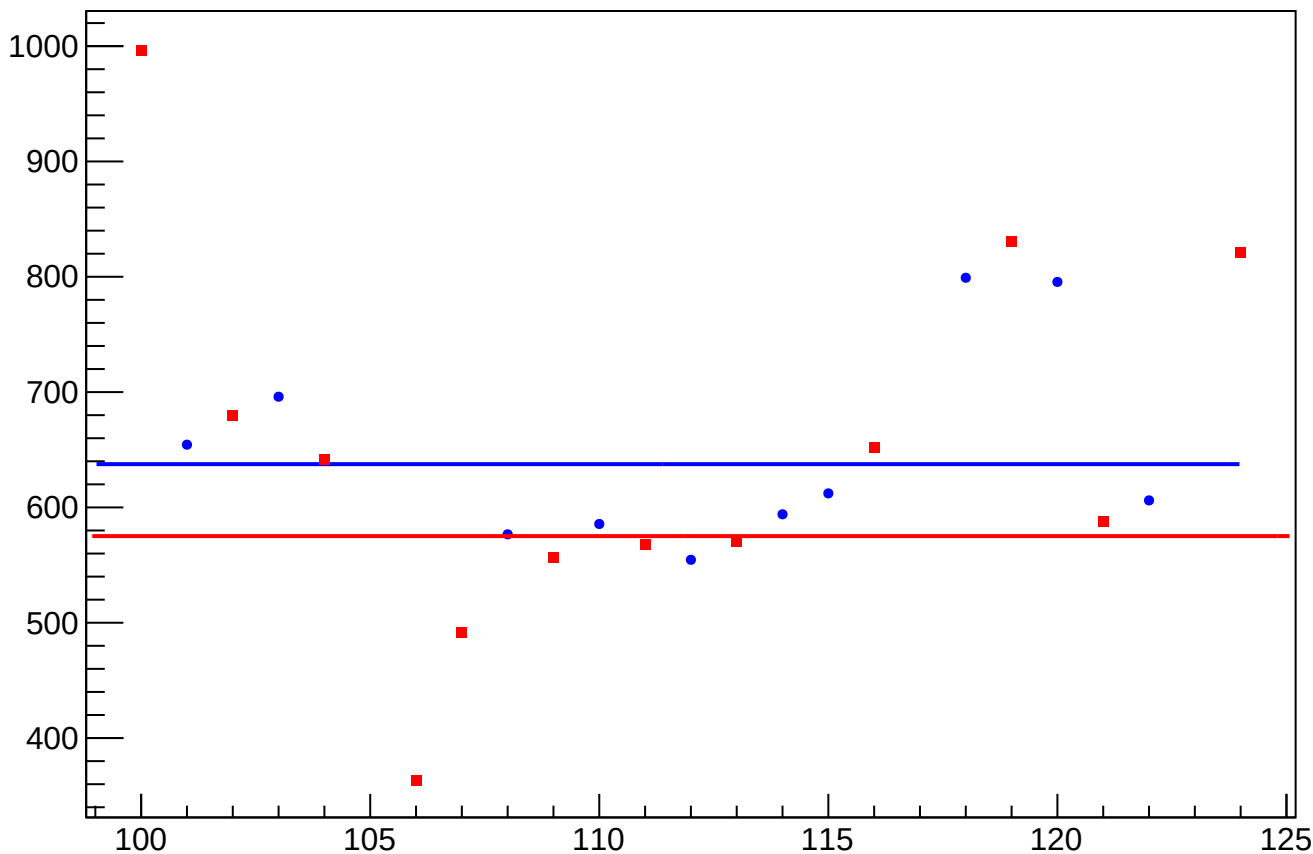
Right: 462.642+/-206.861 χ^2/NDF : 22.5/21

In: 100.956+/-317.787 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.642+/-206.861 χ^2/NDF : 22.5/21

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 637.522+/-0.225 χ^2/NDF : 121918.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 575.128+/-0.193 χ^2/NDF : 428622.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

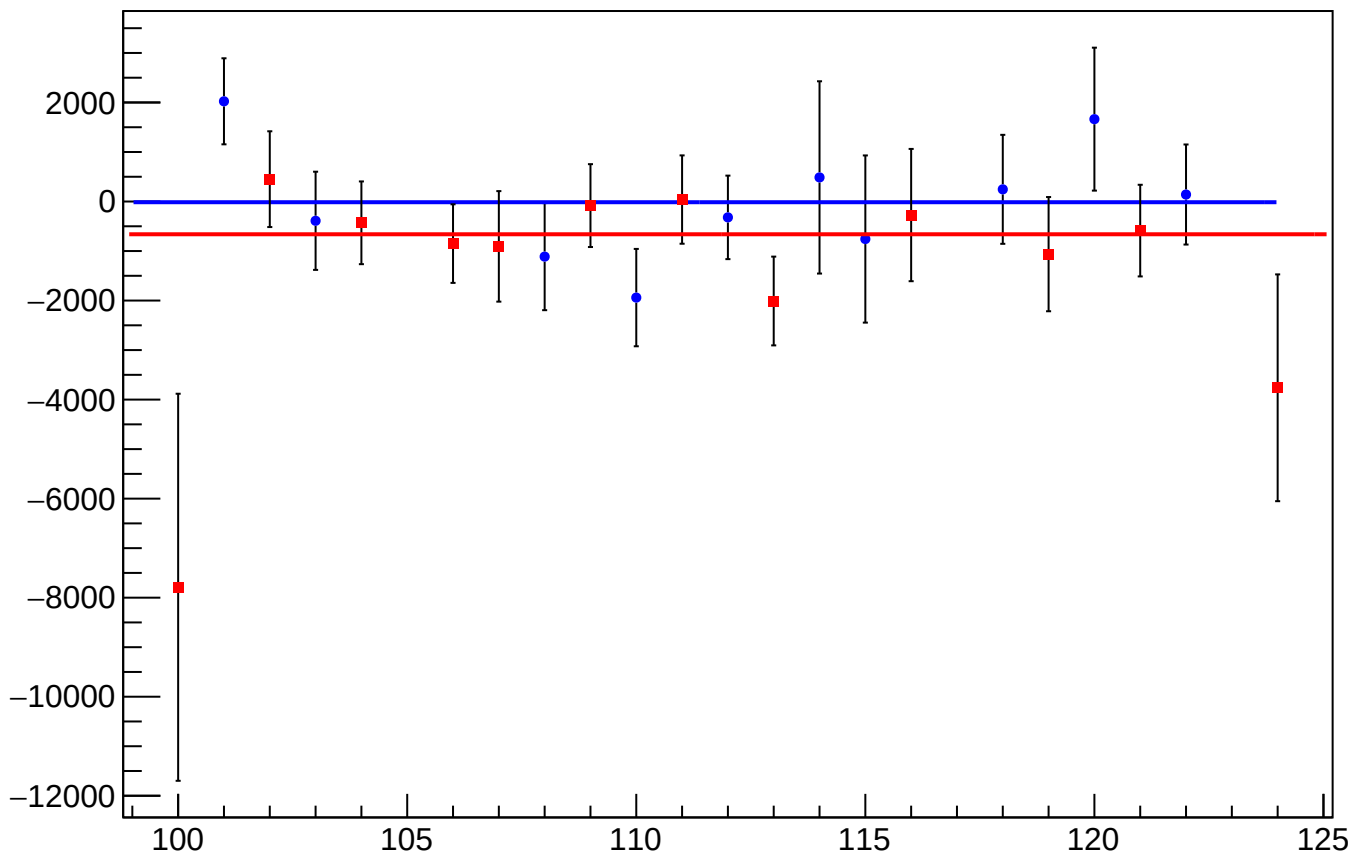
Right: 601.566+/-0.146 χ^2/NDF : 594971.4/21

In: 637.522+/-0.225 χ^2/NDF : 121918.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.566+/-0.146 χ^2/NDF : 594971.4/21

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -14.207 ± 342.182 χ^2/NDF : 12.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -661.329 ± 294.104 χ^2/NDF : 10.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

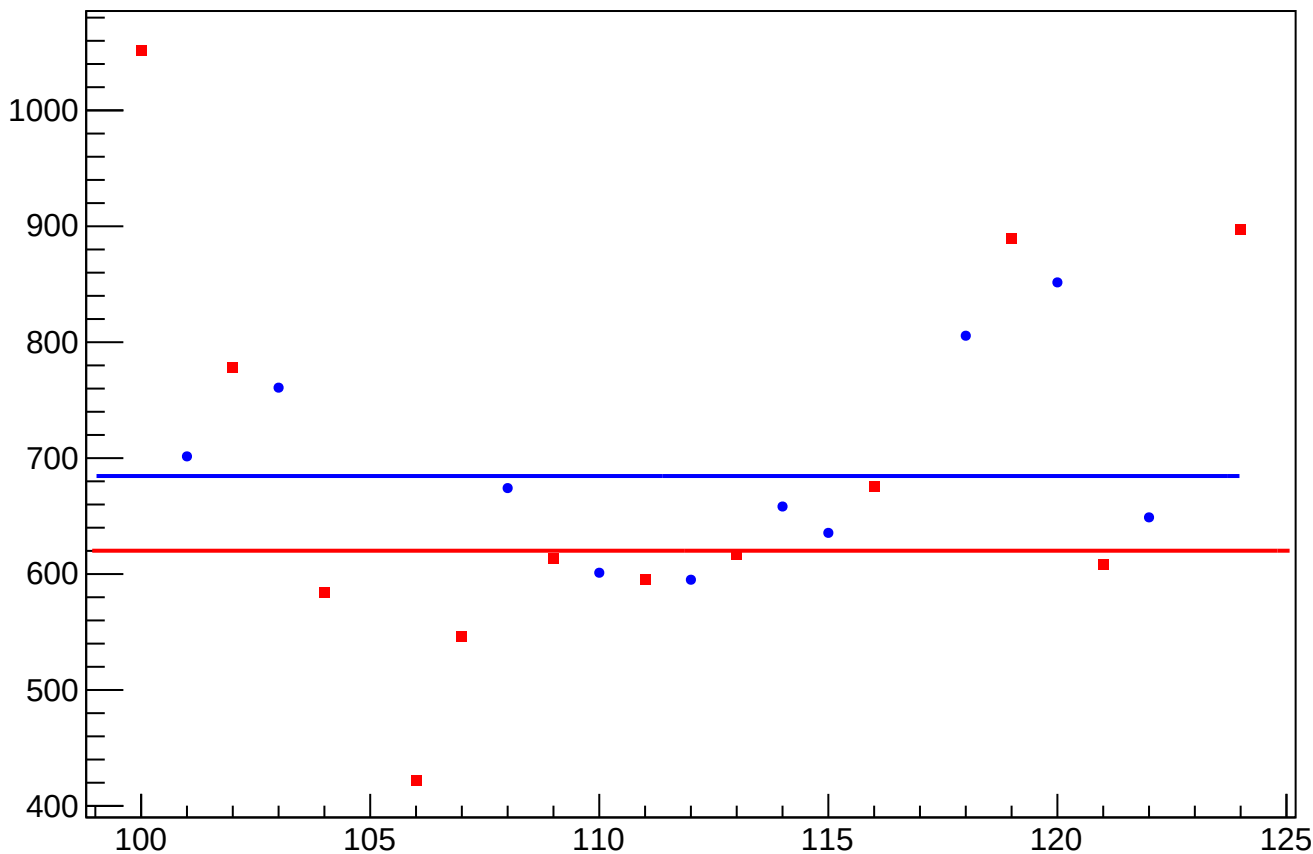
Right: -386.387 ± 223.041 χ^2/NDF : 24.6/21

In: -14.207 ± 342.182 χ^2/NDF : 12.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -386.387 ± 223.041 χ^2/NDF : 24.6/21

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 684.571+/-0.242 χ^2/NDF : 105216.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 620.141+/-0.208 χ^2/NDF : 358299.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

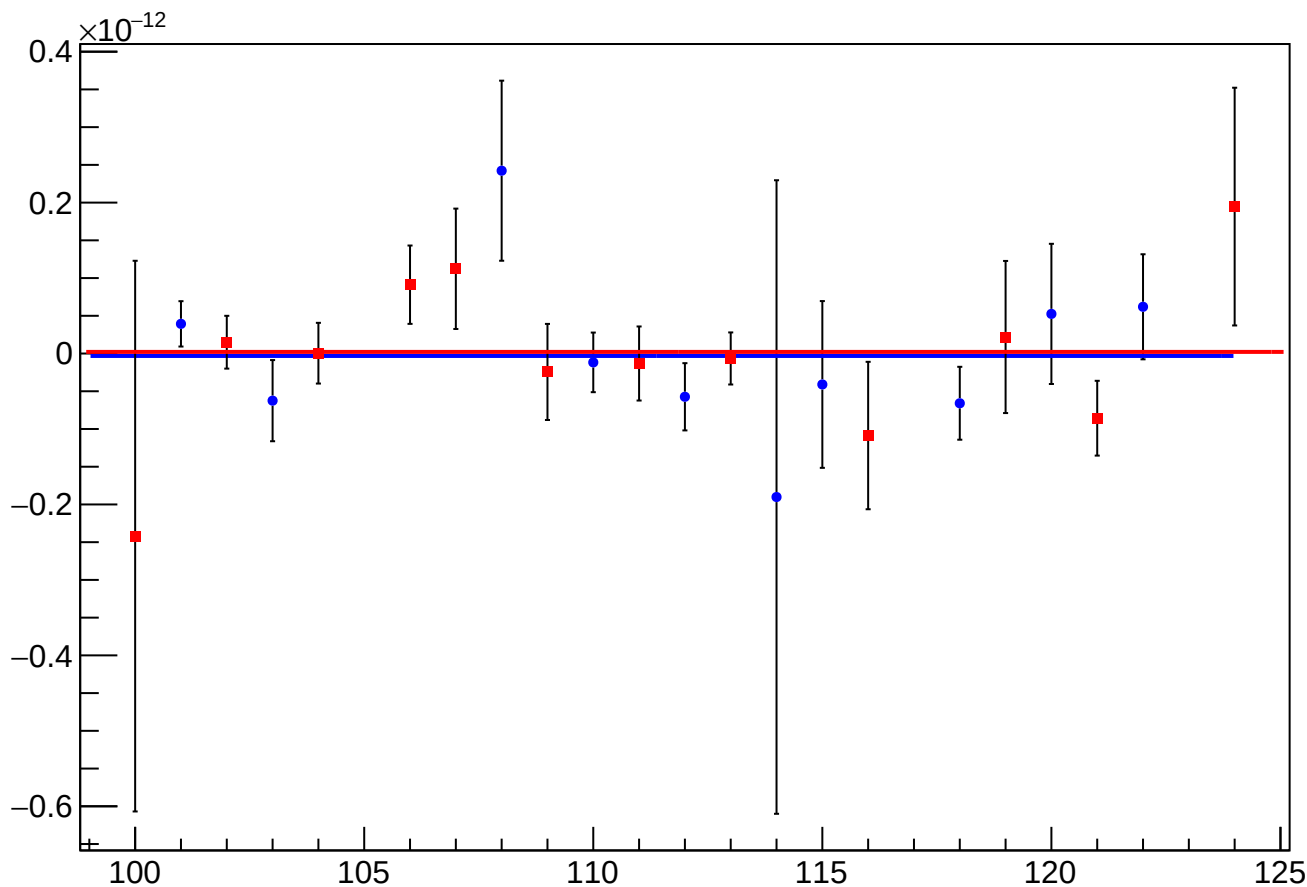
Right: 647.515+/-0.158 χ^2/NDF : 504296.8/21

In: 684.571+/-0.242 χ^2/NDF : 105216.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.515+/-0.158 χ^2/NDF : 504296.8/21

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

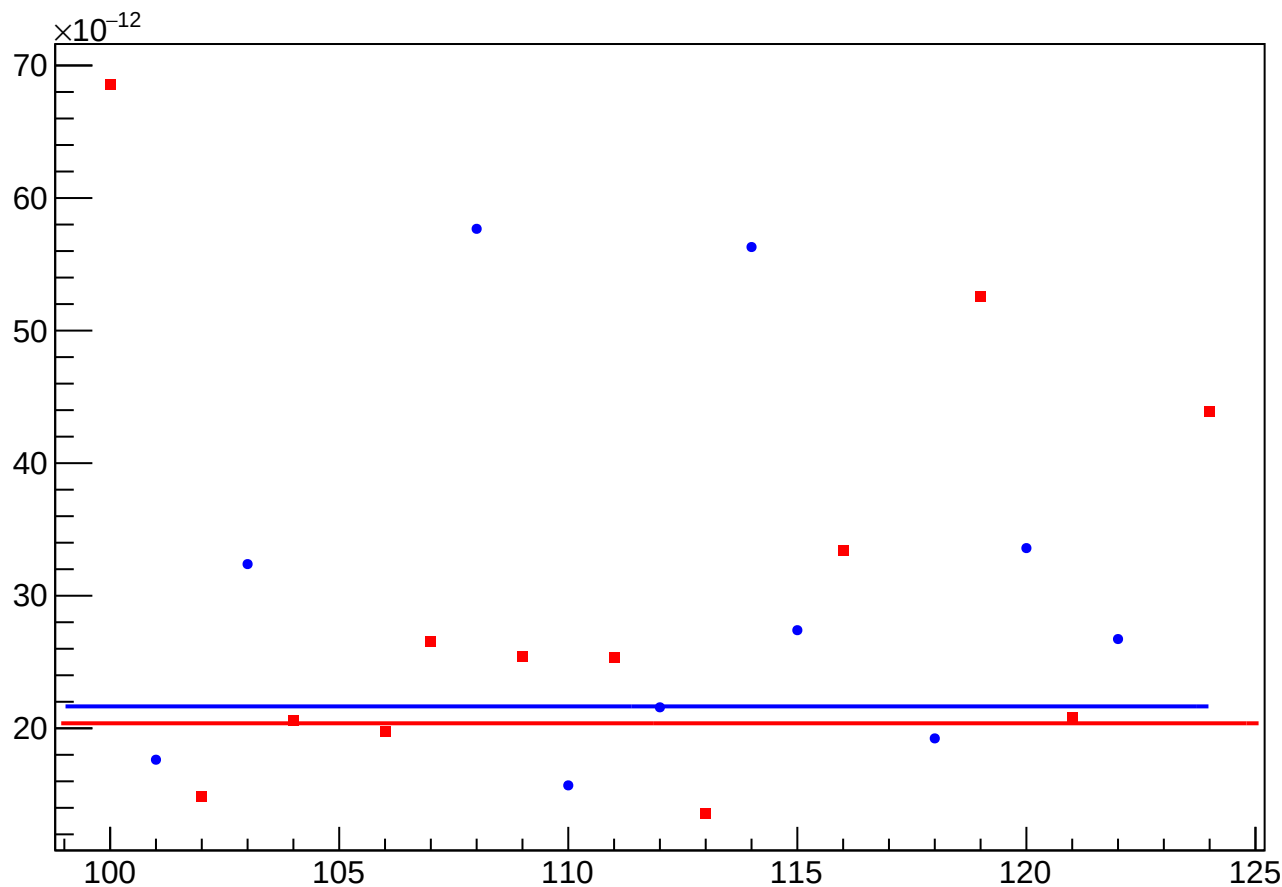
Right: -0.000+/-0.000 χ^2/NDF : 24.0/21

In: -0.000+/-0.000 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.0/21

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 411098.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 491894.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

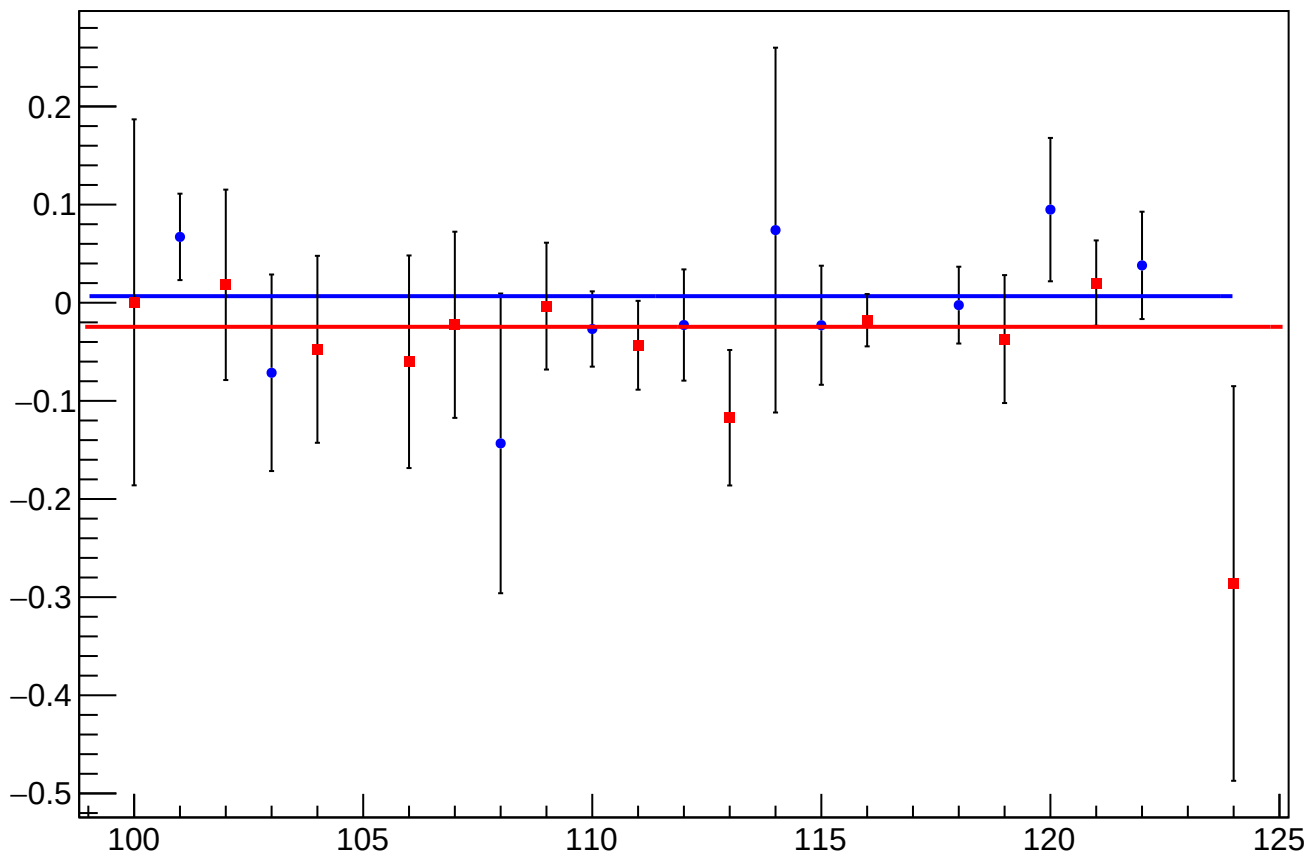
Right: 0.000+/-0.000 χ^2/NDF : 909155.9/21

In: 0.000+/-0.000 χ^2/NDF : 411098.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 909155.9/21

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.018 χ^2 /NDF: 6.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.017 χ^2 /NDF: 5.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

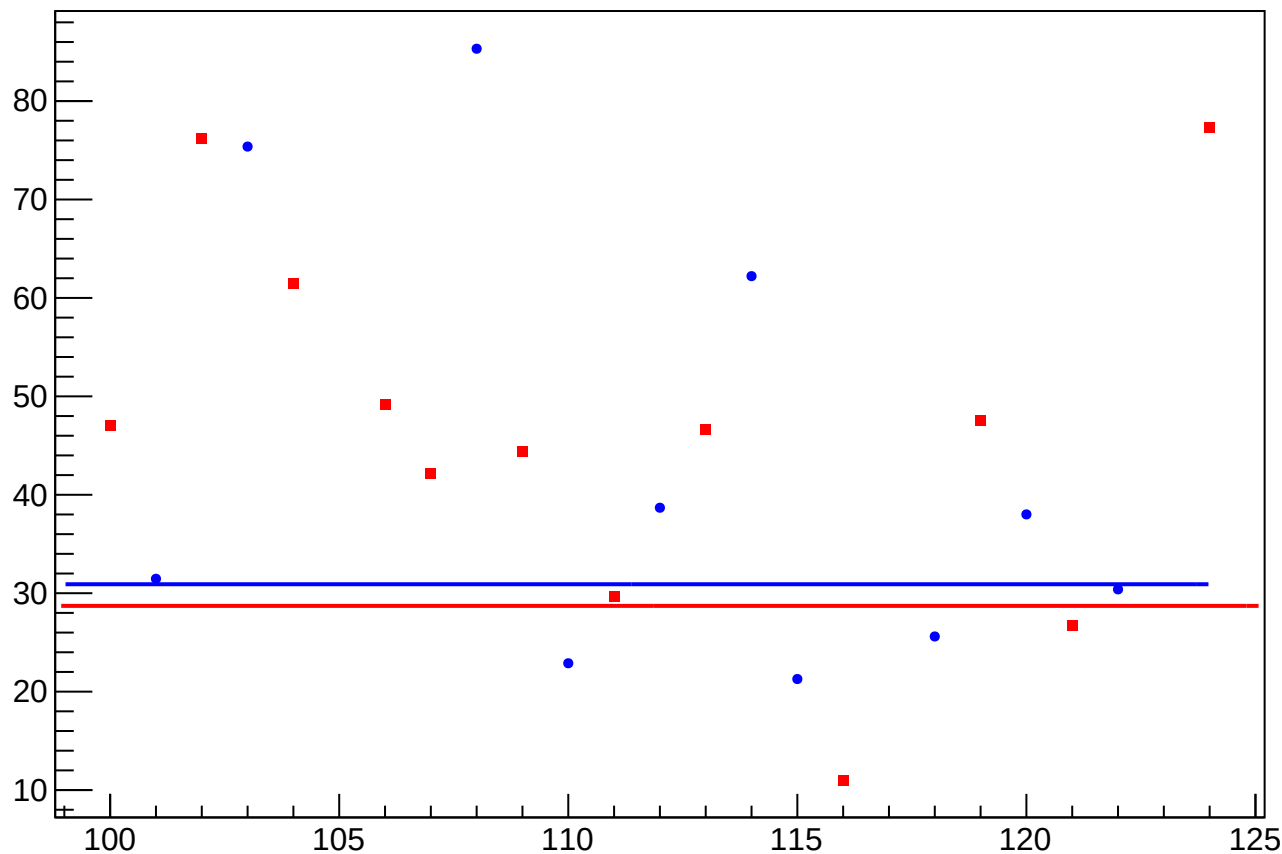
Right: -0.010 $\pm$ 0.012 χ^2 /NDF: 13.6/21

In: 0.007 $\pm$ 0.018 χ^2 /NDF:6.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.012 χ^2 /NDF: 13.6/21

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.911+/-0.013 χ^2/NDF : 936658.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.714+/-0.012 χ^2/NDF : 2273675.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

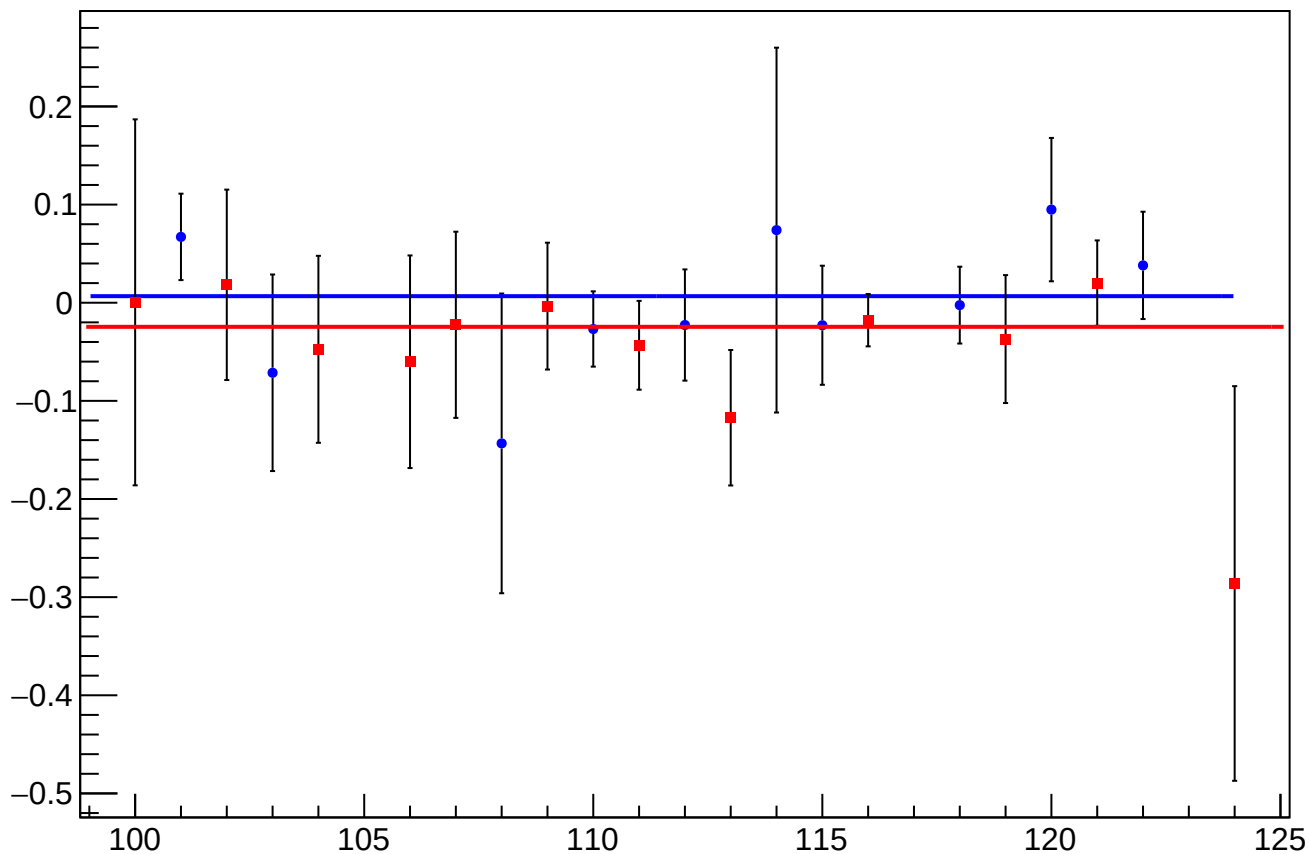
Right: 29.739+/-0.009 χ^2/NDF : 3226434.6/21

In: 30.911+/-0.013 χ^2/NDF : 936658.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.739+/-0.009 χ^2/NDF : 3226434.6/21

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.018 χ^2 /NDF: 6.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.017 χ^2 /NDF: 5.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

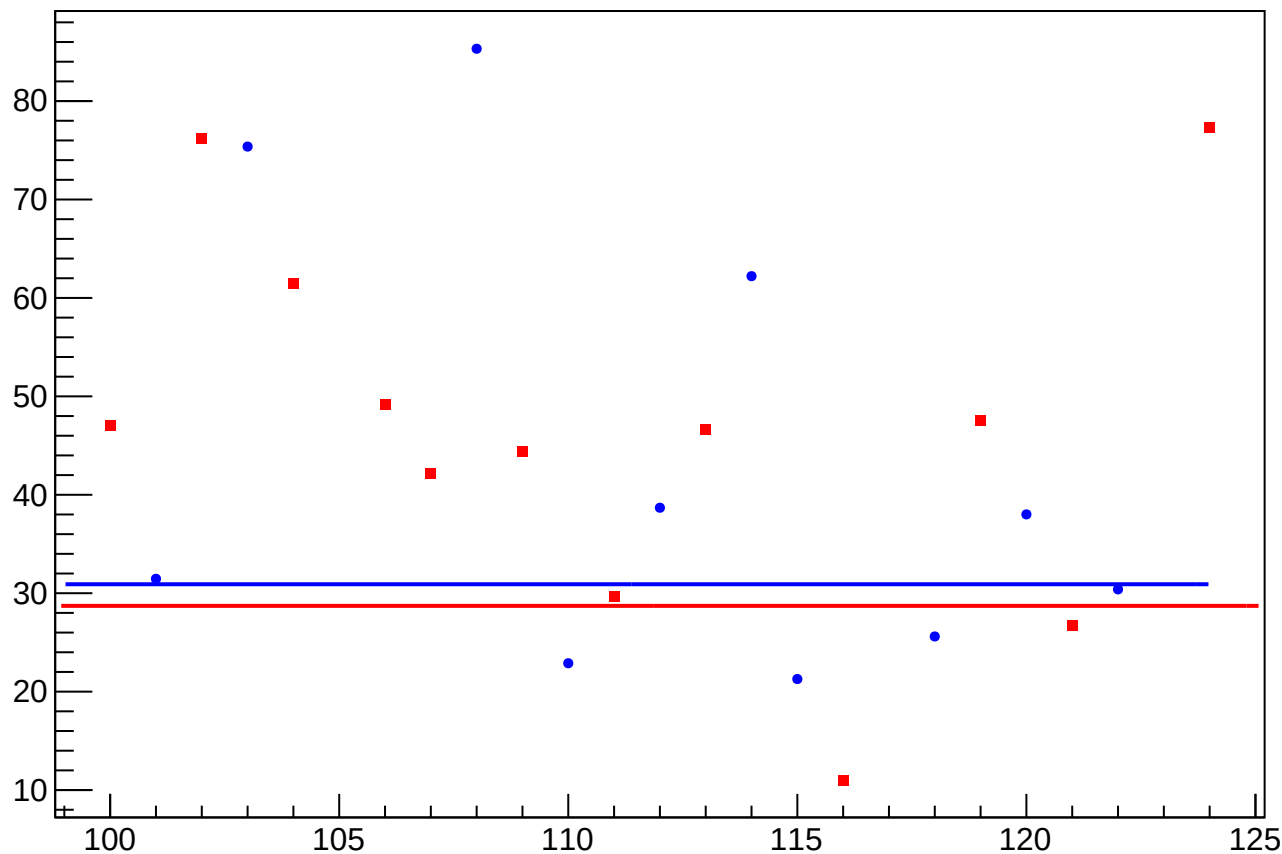
Right: -0.010 $\pm$ 0.012 χ^2 /NDF: 13.6/21

In: 0.007 $\pm$ 0.018 χ^2 /NDF:6.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.012 χ^2 /NDF: 13.6/21

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.911+/-0.013 χ^2/NDF : 936658.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.714+/-0.012 χ^2/NDF : 2273675.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

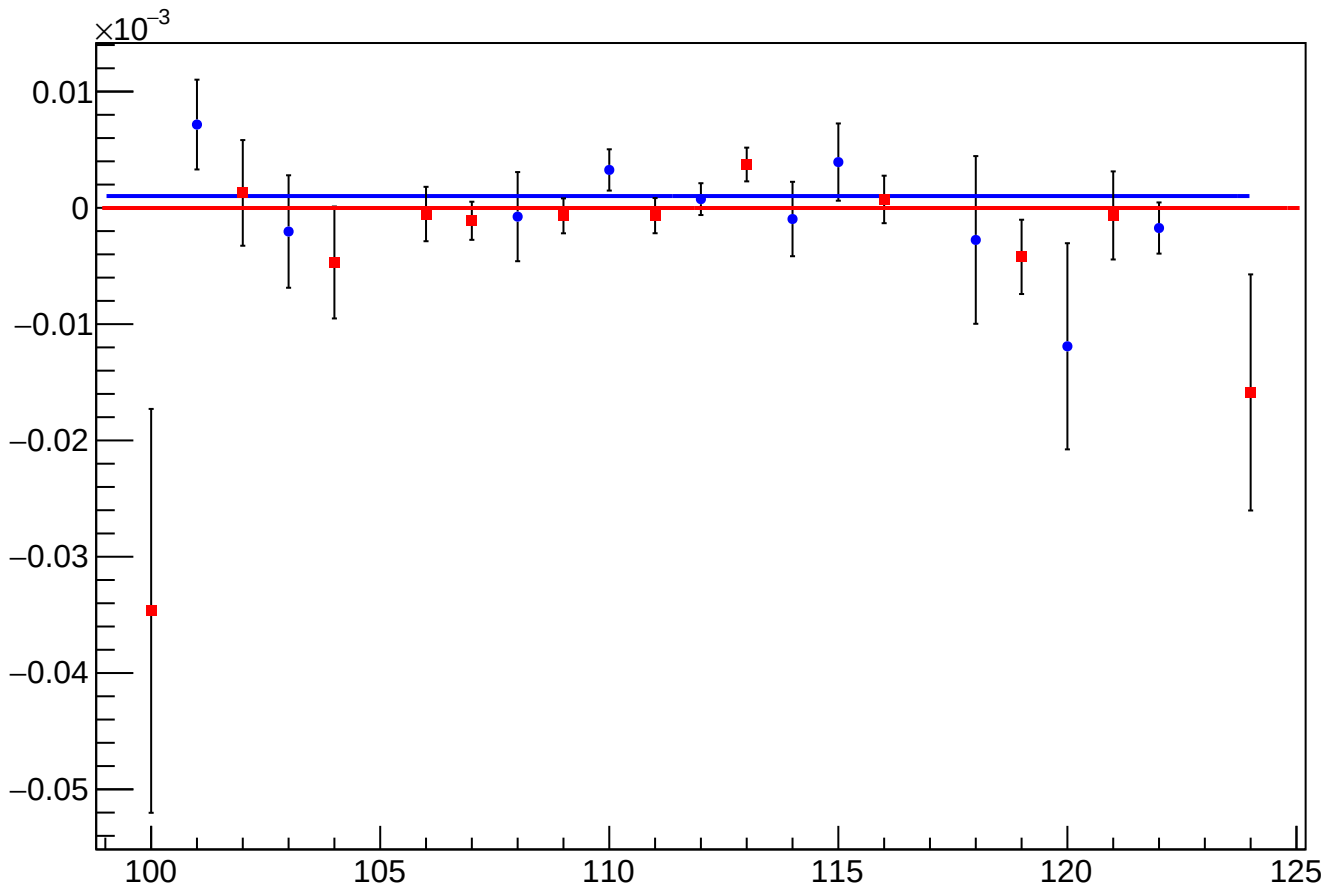
Right: 29.739+/-0.009 χ^2/NDF : 3226434.6/21

In: 30.911+/-0.013 χ^2/NDF : 936658.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.739+/-0.009 χ^2/NDF : 3226434.6/21

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

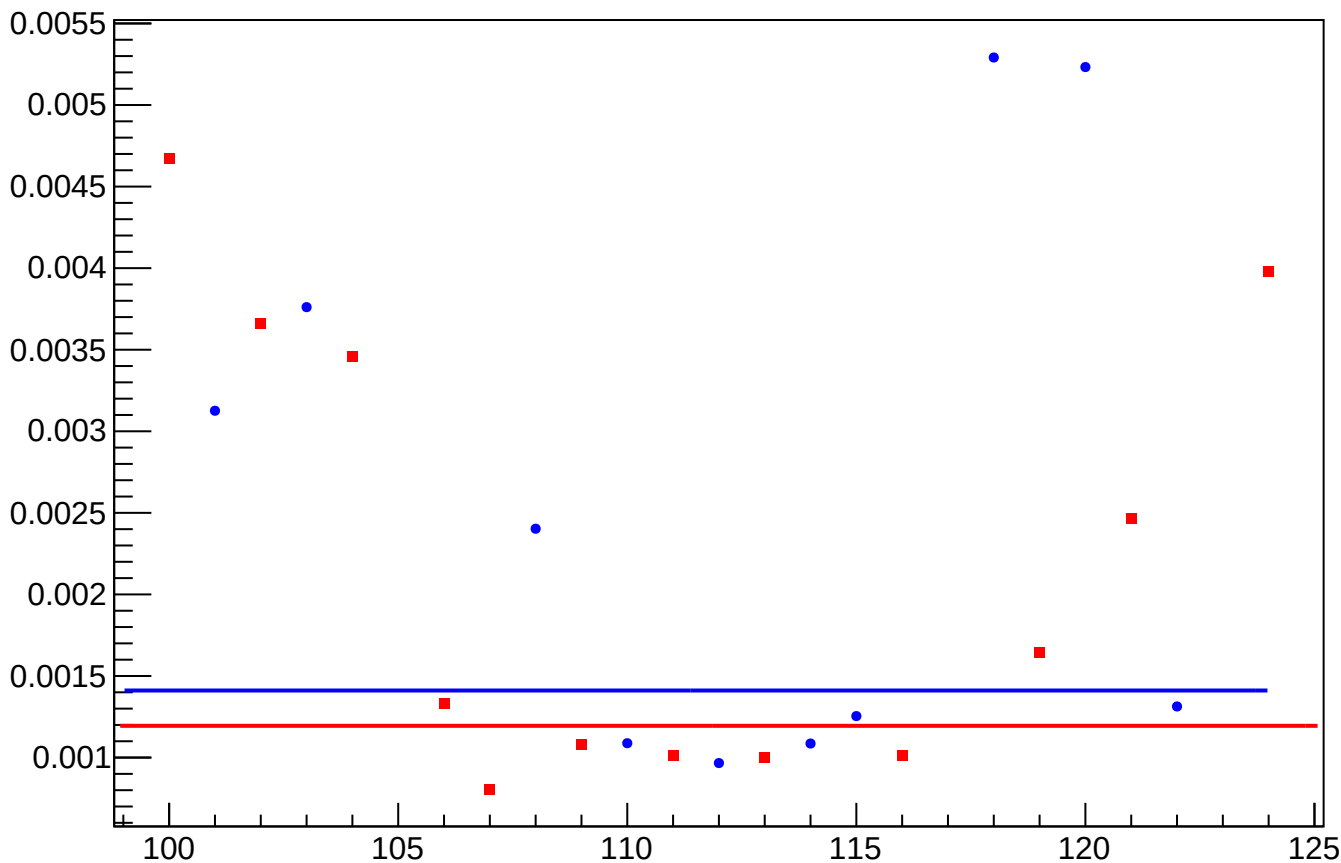
Right: 0.000+/-0.000 χ^2/NDF : 27.7/21

In: 0.000+/-0.000 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.7/21

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2258595.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1739348.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

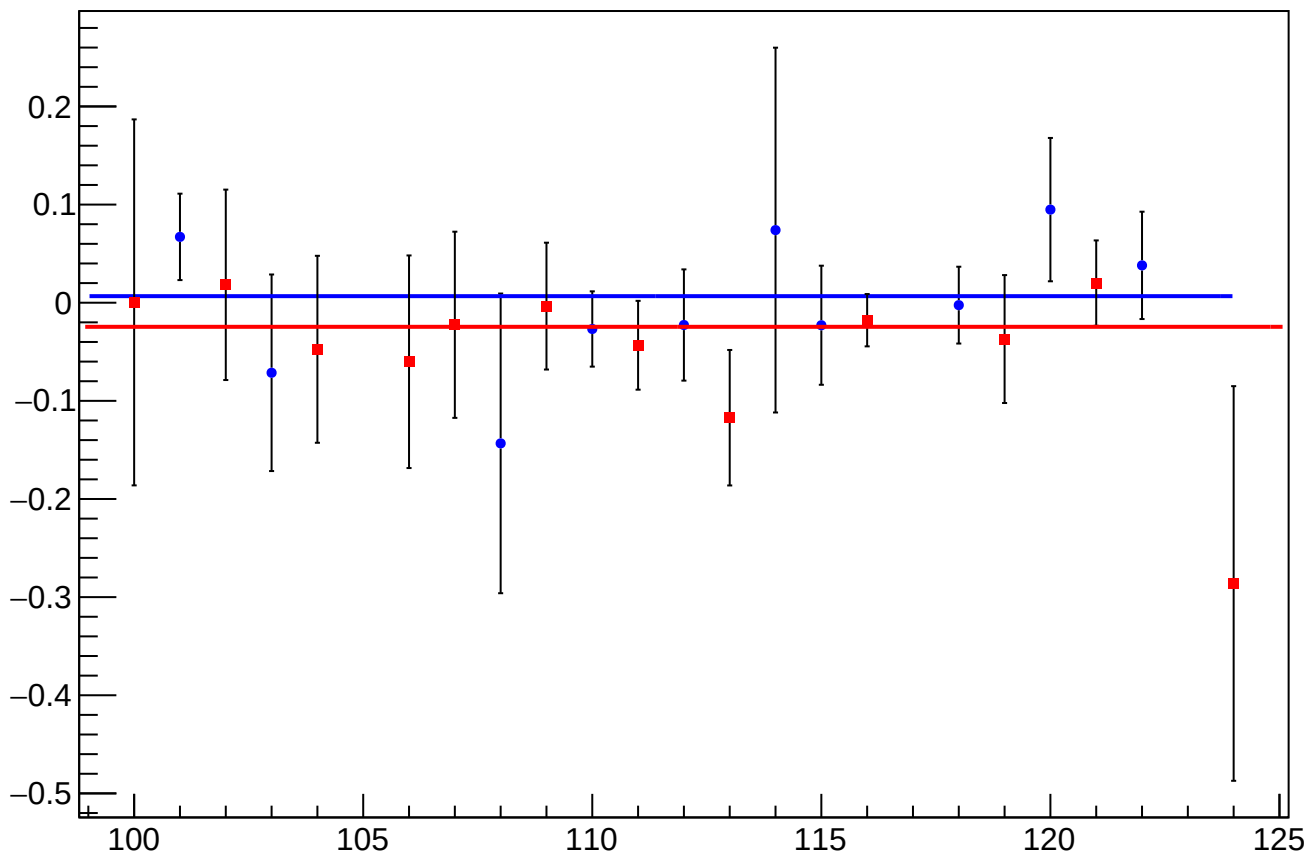
Right: 0.001+/-0.000 χ^2/NDF : 4083216.2/21

In: 0.001+/-0.000 χ^2/NDF :2258595.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4083216.2/21

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 ± 0.018 χ^2/NDF : 6.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.017 χ^2/NDF : 5.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

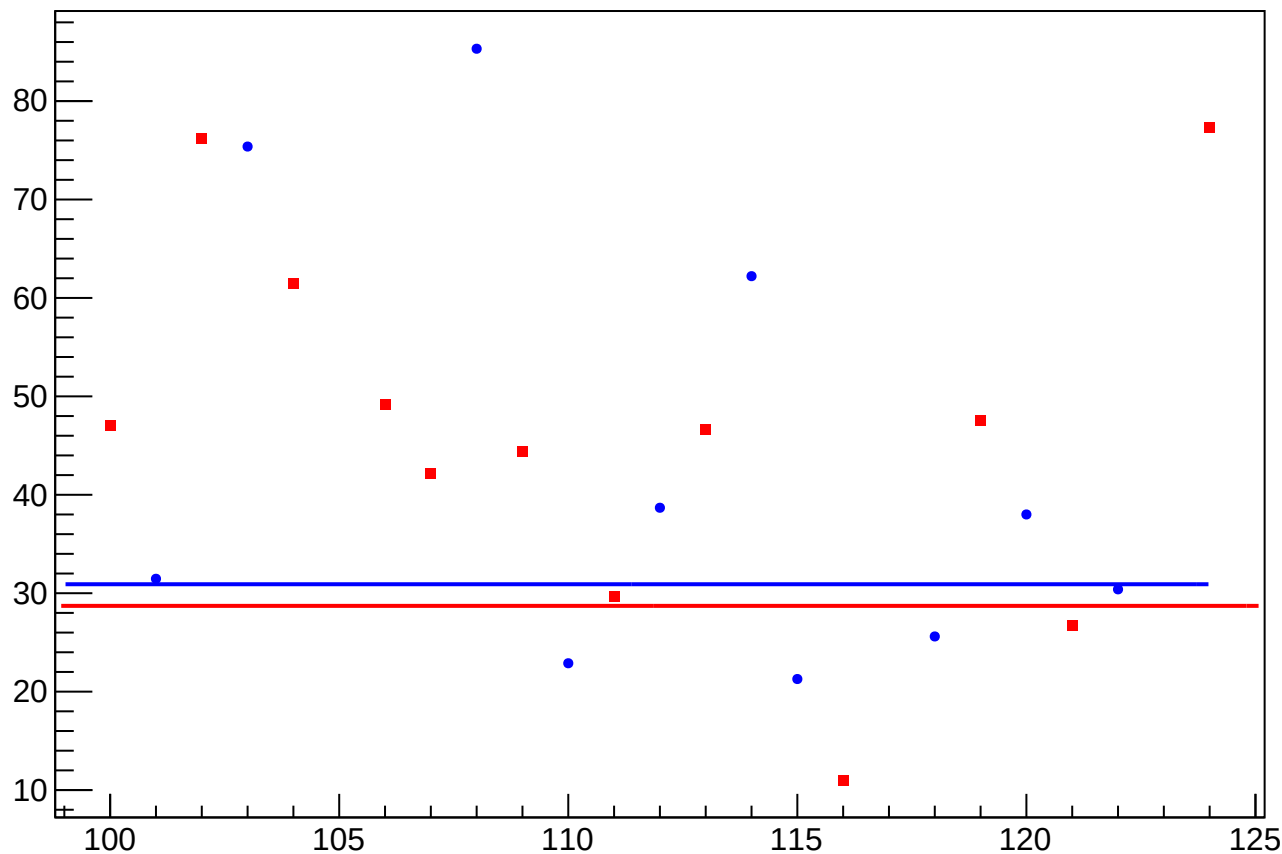
Right: -0.010 ± 0.012 χ^2/NDF : 13.6/21

In: 0.007 ± 0.018 χ^2/NDF : 6.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.012 χ^2/NDF : 13.6/21

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.912+/-0.013 χ^2/NDF : 936627.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.714+/-0.012 χ^2/NDF : 2273598.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

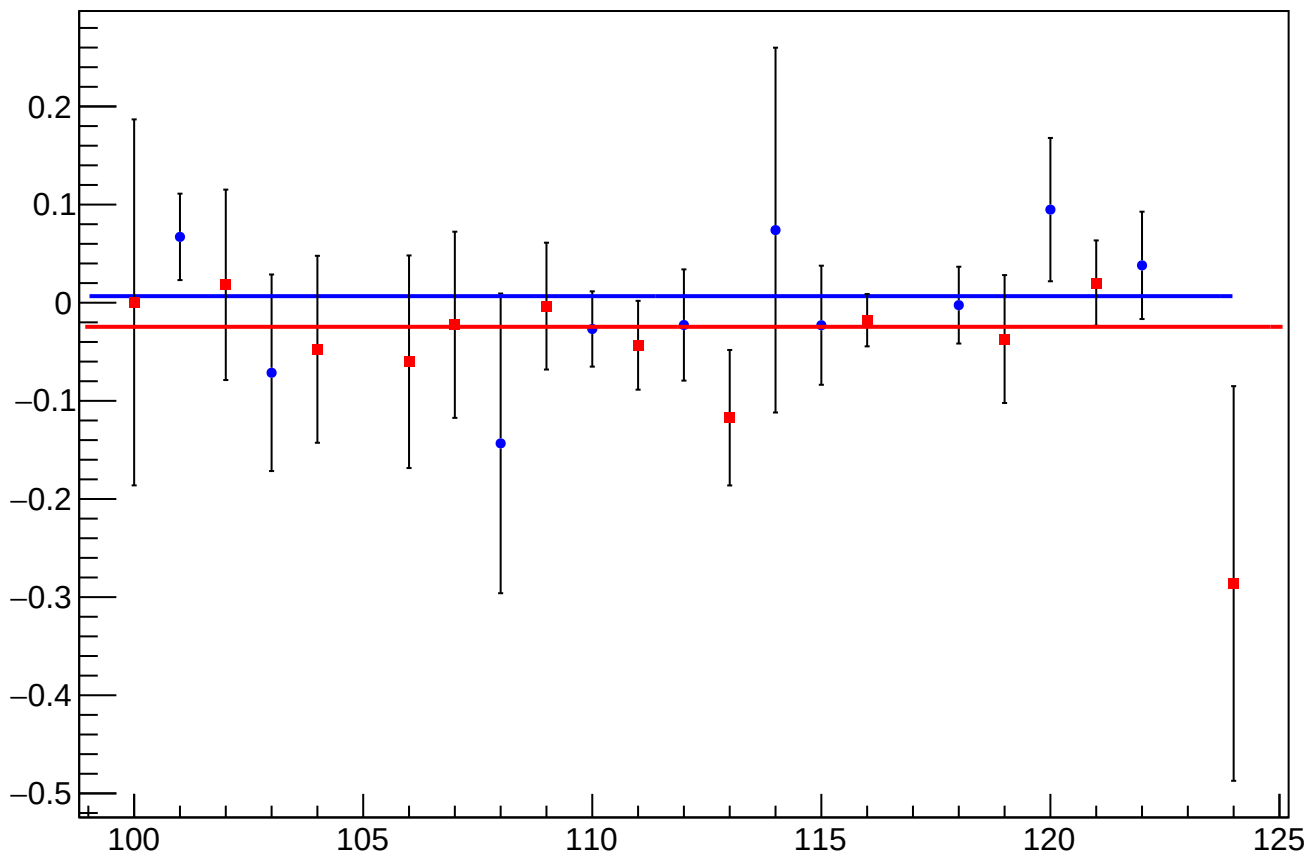
Right: 29.739+/-0.009 χ^2/NDF : 3226333.5/21

In: 30.912+/-0.013 χ^2/NDF : 936627.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.739+/-0.009 χ^2/NDF : 3226333.5/21

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: 6.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.017 χ^2 /NDF: 5.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

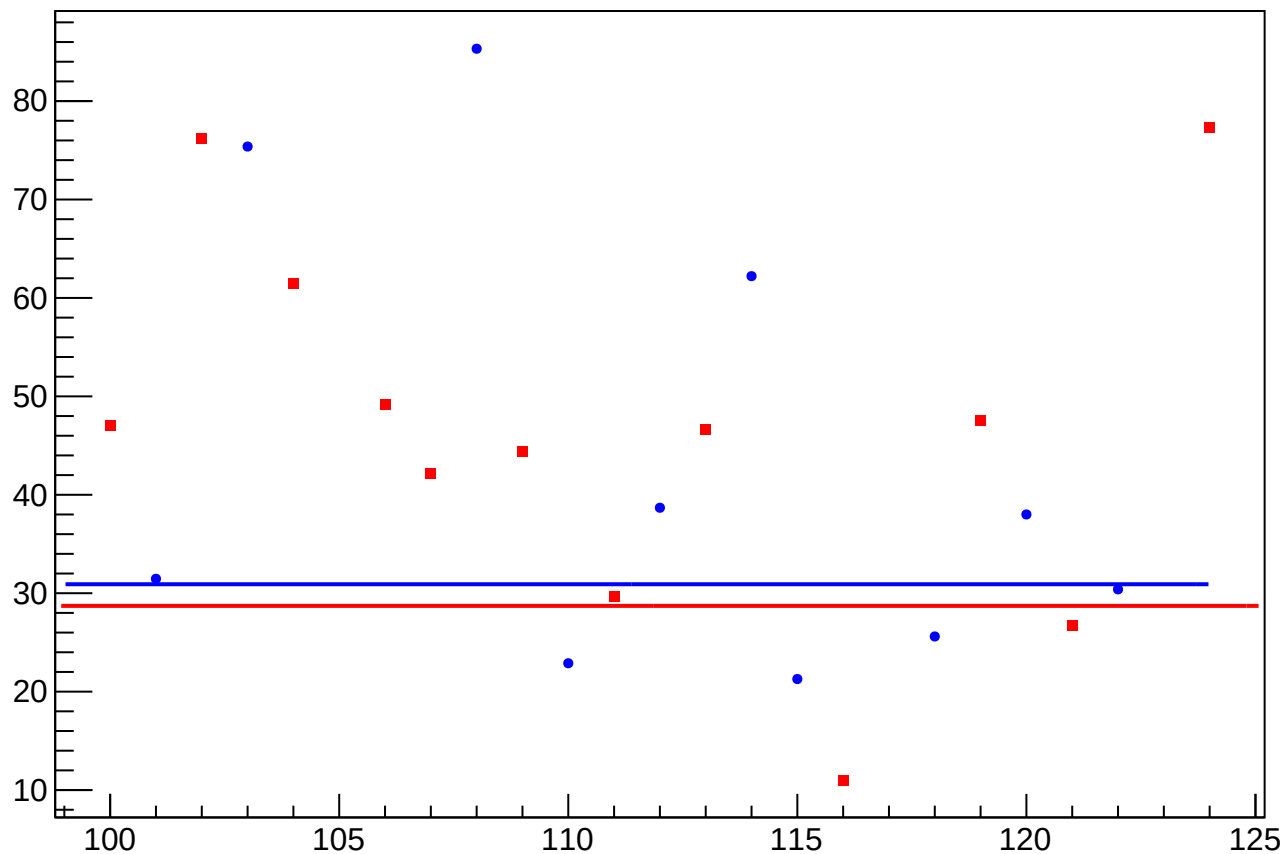
Right: -0.010 $\pm$ 0.012 χ^2 /NDF: 13.6/21

In: 0.007 $\pm$ 0.018 χ^2 /NDF:6.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.012 χ^2 /NDF: 13.6/21

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.912 ± 0.013 χ^2/NDF : 936627.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 28.714 ± 0.012 χ^2/NDF : 2273598.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

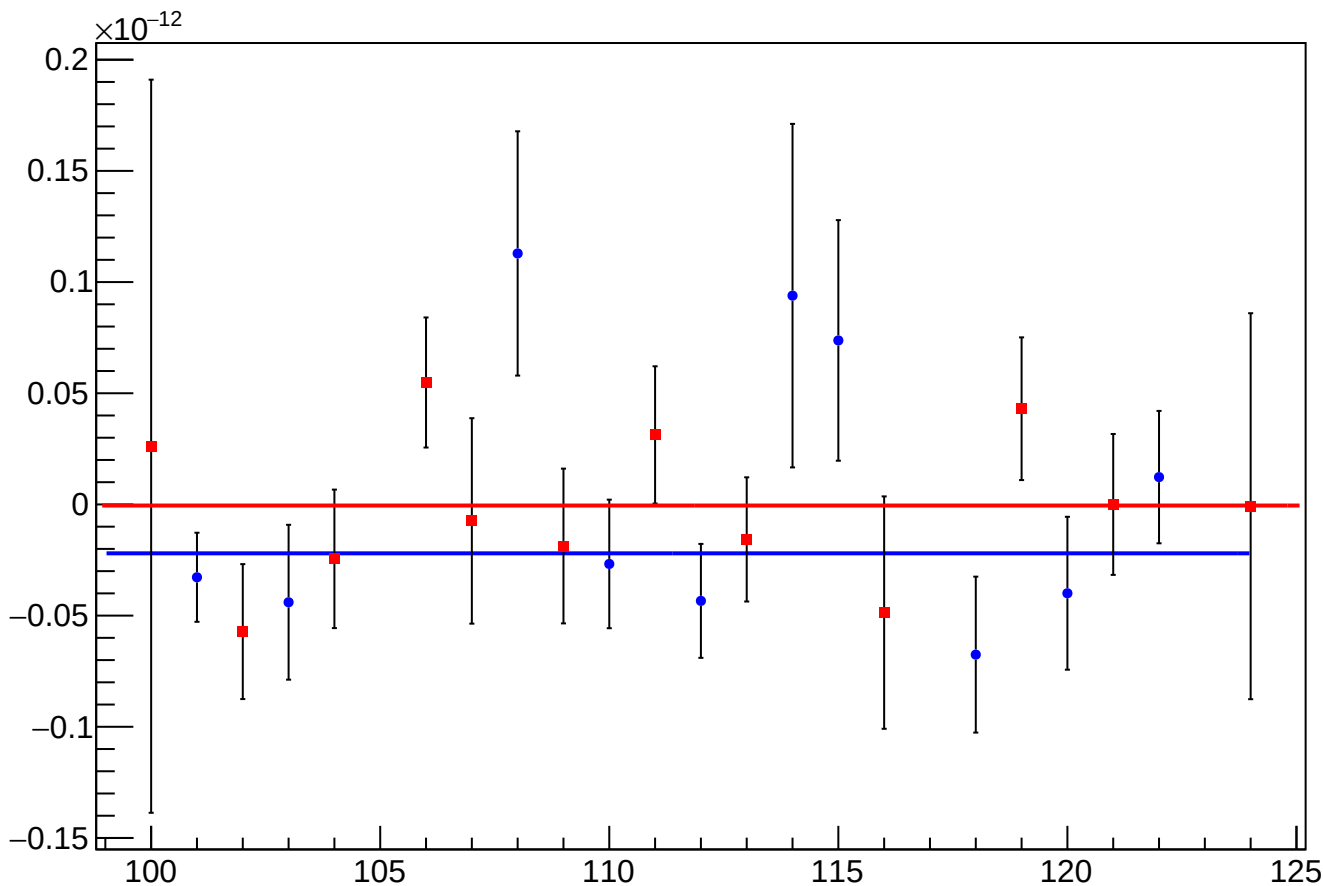
Right: 29.739 ± 0.009 χ^2/NDF : 3226333.5/21

In: 30.912 ± 0.013 χ^2/NDF : 936627.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 29.739 ± 0.009 χ^2/NDF : 3226333.5/21

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

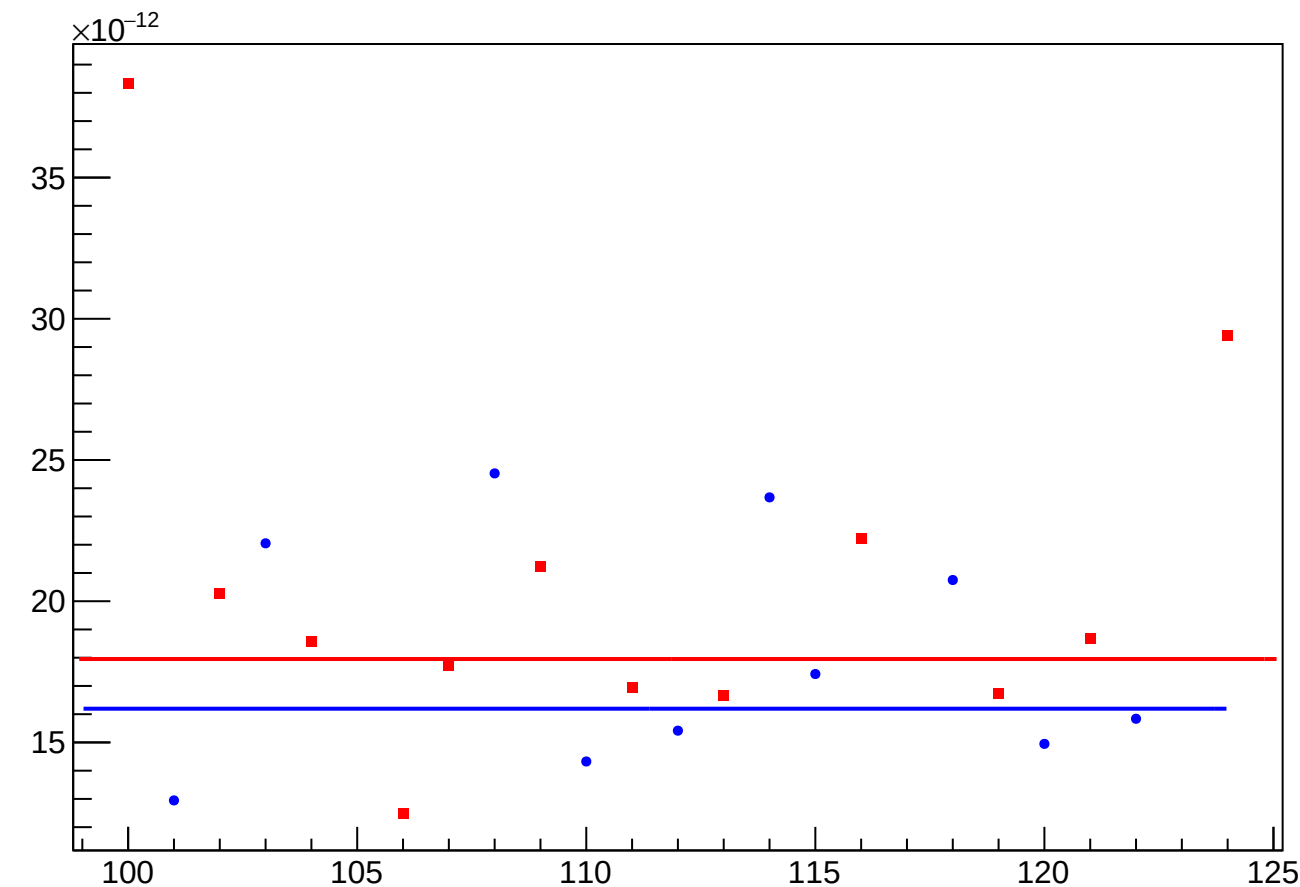
Right: -0.000+/-0.000 χ^2/NDF : 30.3/21

In: -0.000+/-0.000 χ^2/NDF : 16.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.3/21

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 221787.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 189243.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

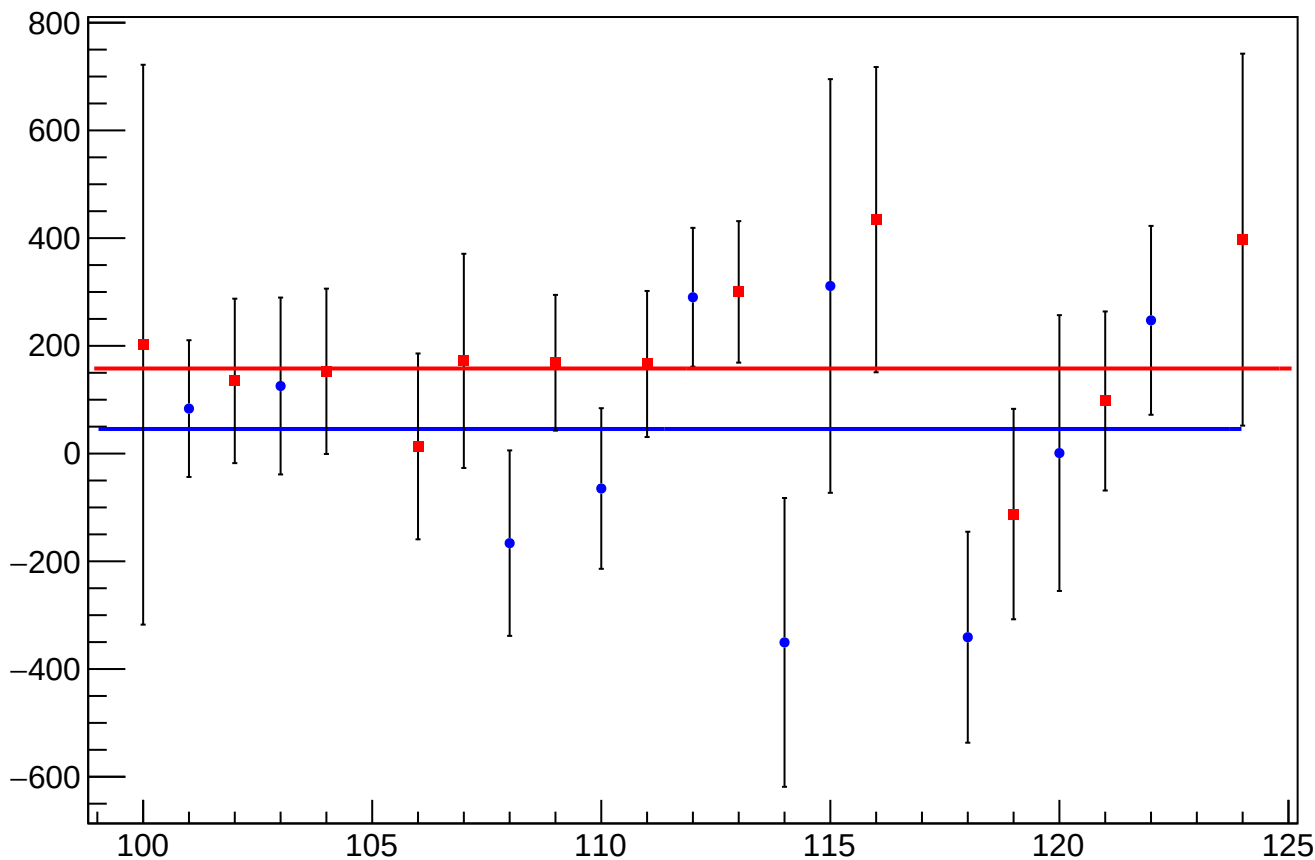
Right: 0.000+/-0.000 χ^2/NDF : 440542.5/21

In: 0.000+/-0.000 χ^2/NDF : 221787.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 440542.5/21

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 45.678+/-54.831 χ^2/NDF : 13.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.968+/-49.597 χ^2/NDF : 5.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

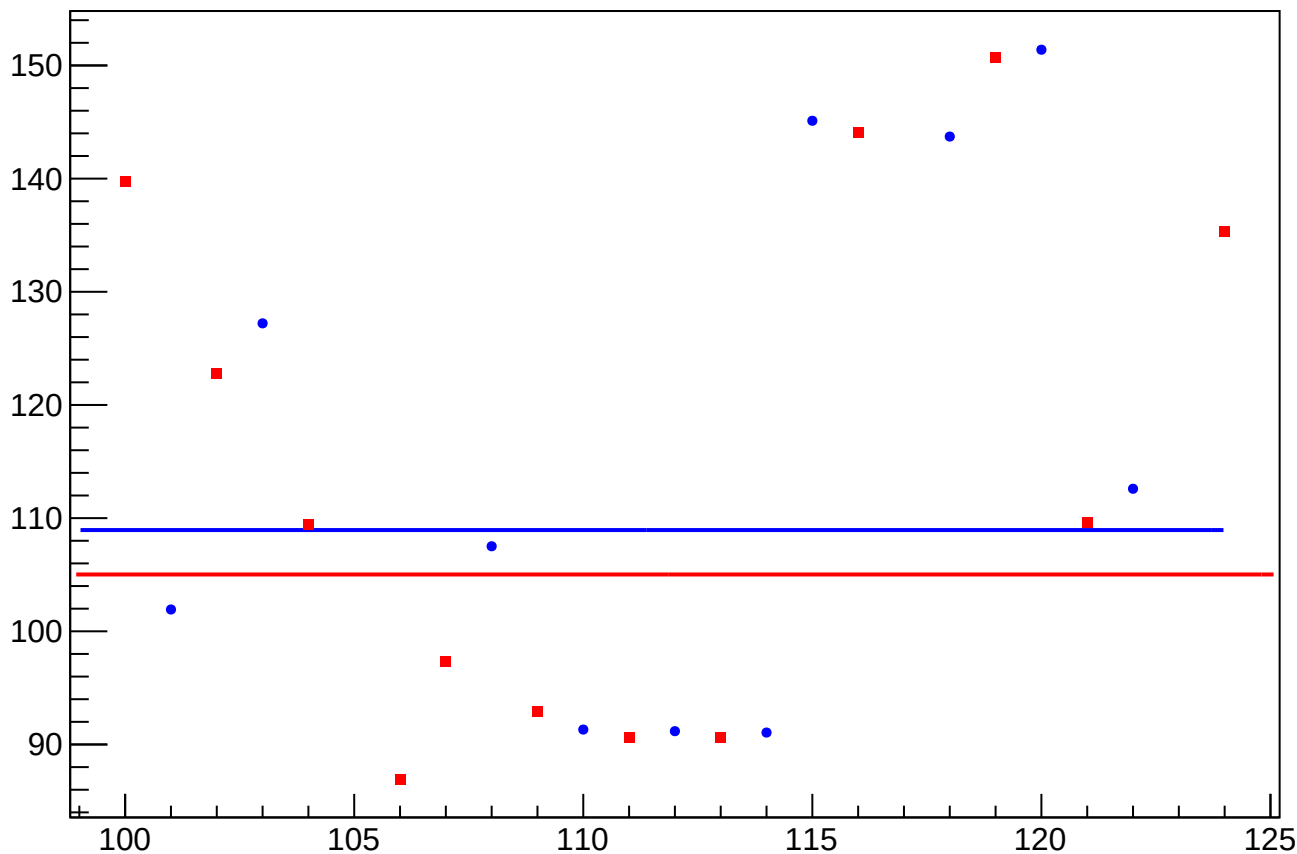
Right: 107.437+/-36.782 χ^2/NDF : 21.6/21

In: 45.678+/-54.831 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.437+/-36.782 χ^2/NDF : 21.6/21

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.947+/-0.039 χ^2/NDF : 242512.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.022+/-0.035 χ^2/NDF : 292169.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

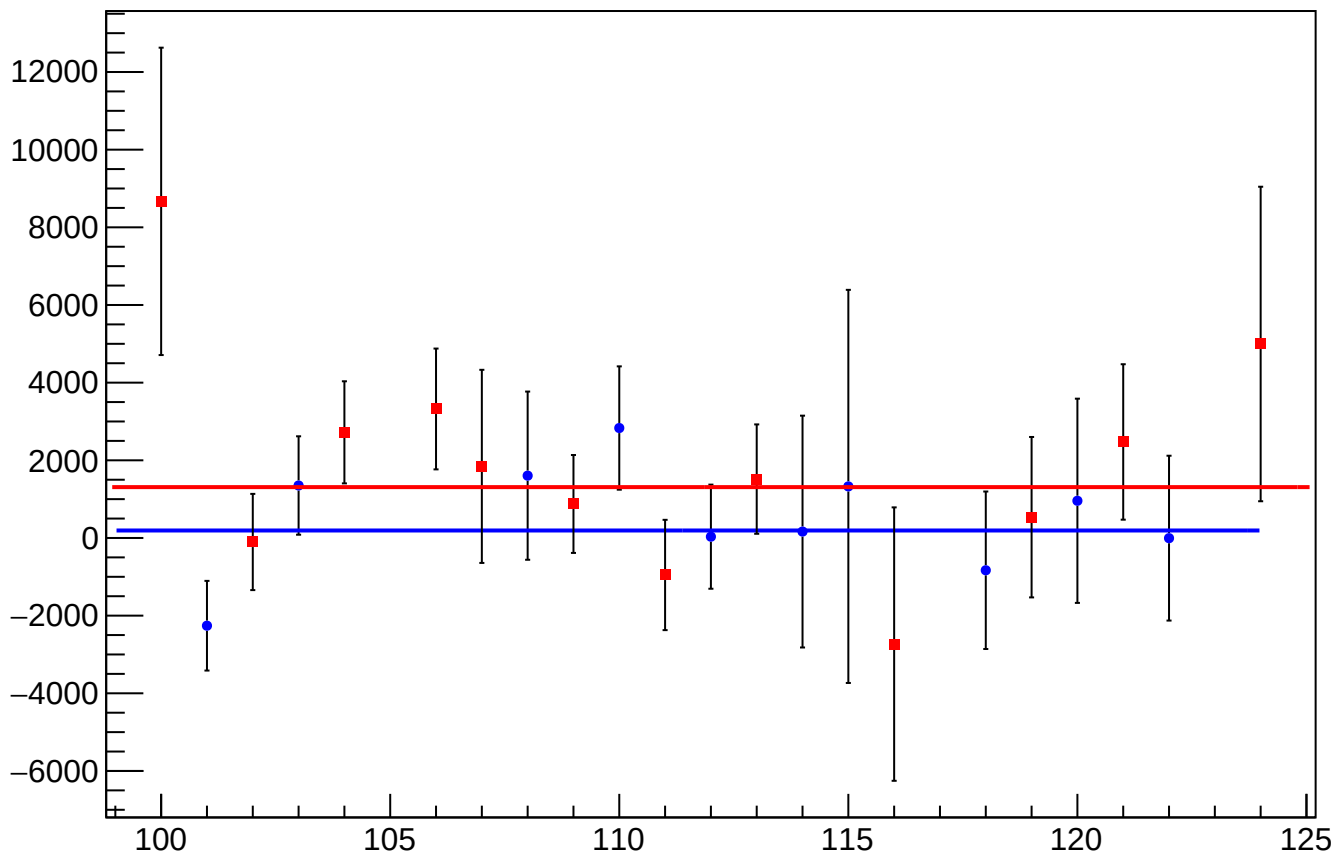
Right: 106.788+/-0.026 χ^2/NDF : 540317.6/21

In: 108.947+/-0.039 χ^2/NDF : 242512.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.788+/-0.026 χ^2/NDF : 540317.6/21

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 192.671+/-550.502 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1309.633+/-492.447 χ^2/NDF : 12.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

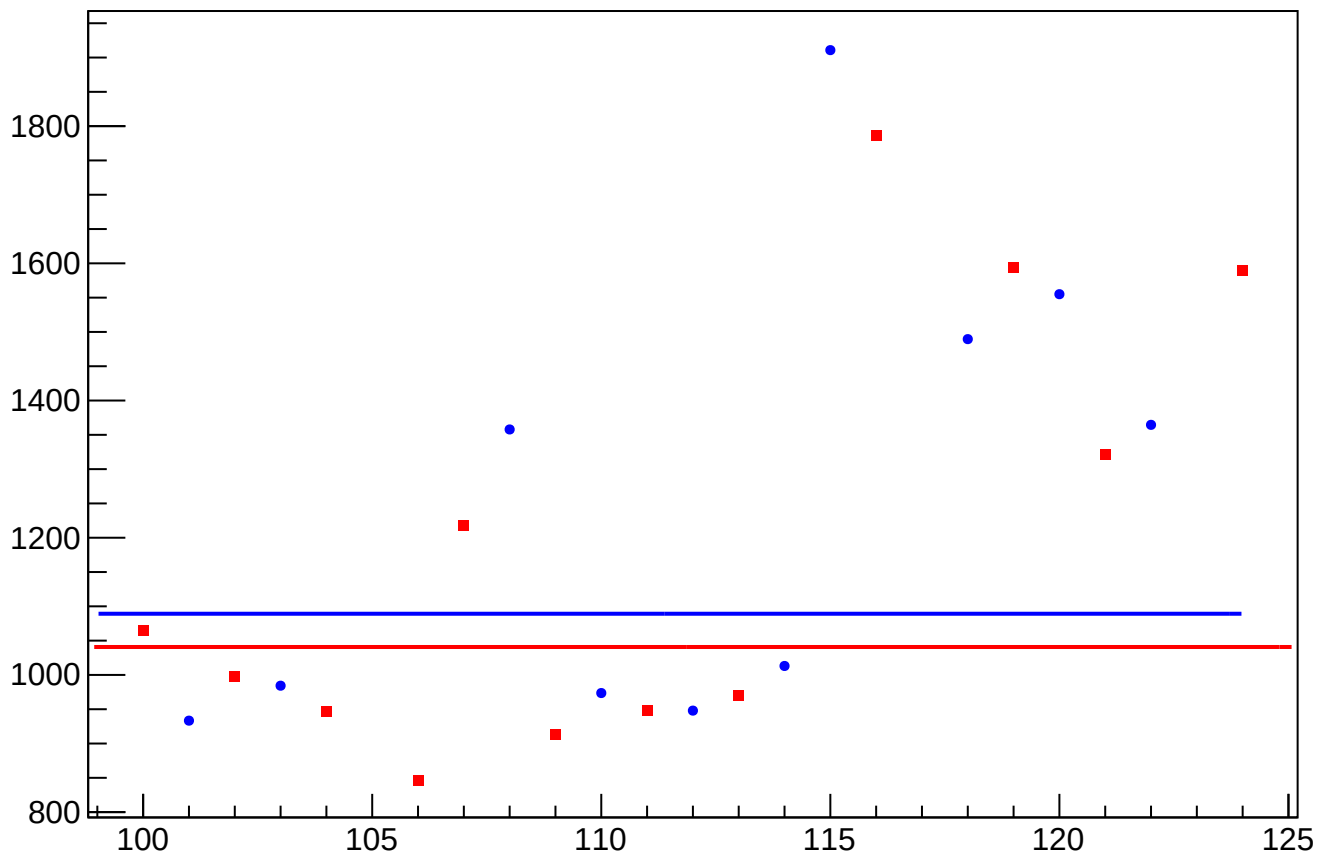
Right: 813.135+/-367.028 χ^2/NDF : 24.2/21

In: 192.671+/-550.502 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 813.135+/-367.028 χ^2/NDF : 24.2/21

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1089.194+/-0.389 χ^2/NDF : 342044.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1040.726+/-0.348 χ^2/NDF : 396722.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

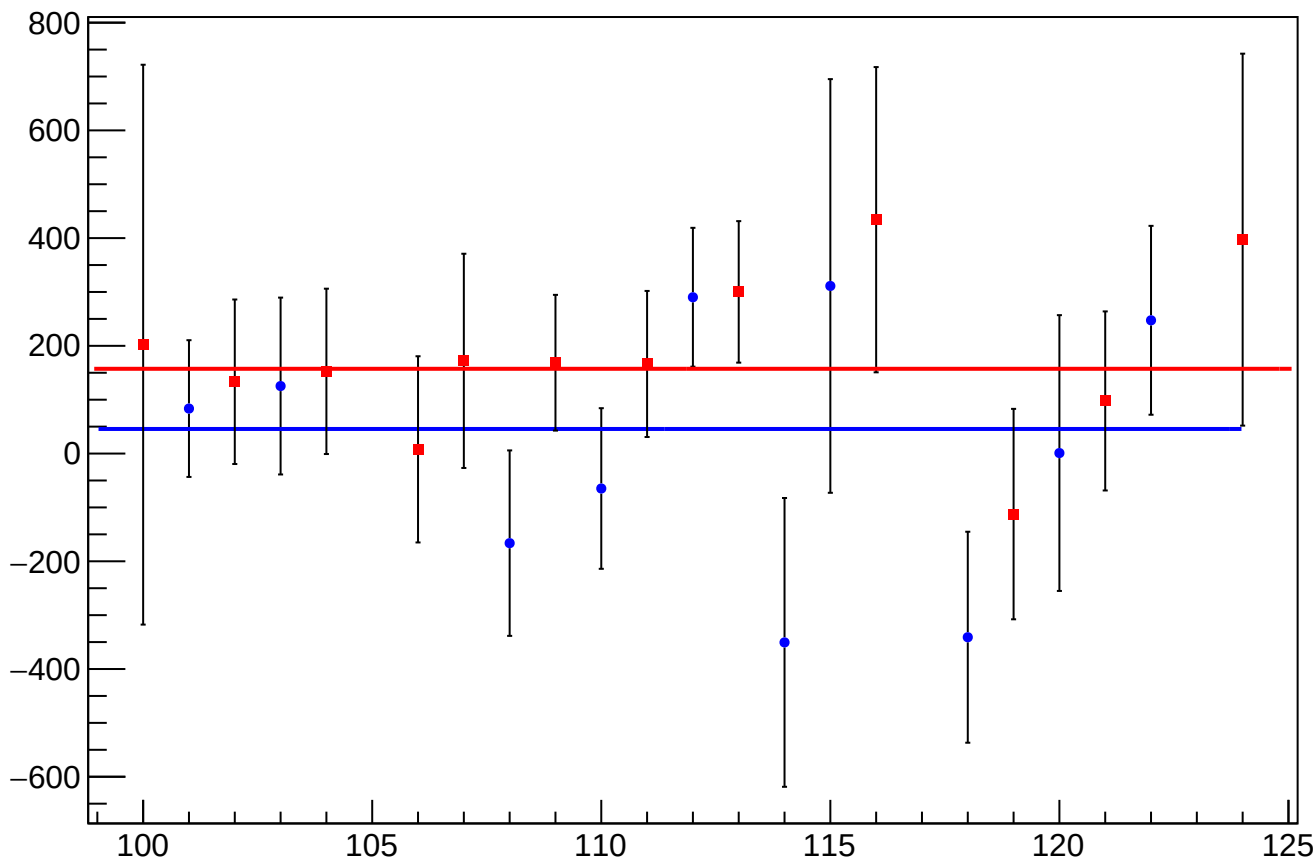
Right: 1062.270+/-0.260 χ^2/NDF : 747379.3/21

In: 1089.194+/-0.389 χ^2/NDF : 342044.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1062.270+/-0.260 χ^2/NDF : 747379.3/21

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 45.657+/-54.831 χ^2/NDF : 13.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.373+/-49.607 χ^2/NDF : 5.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

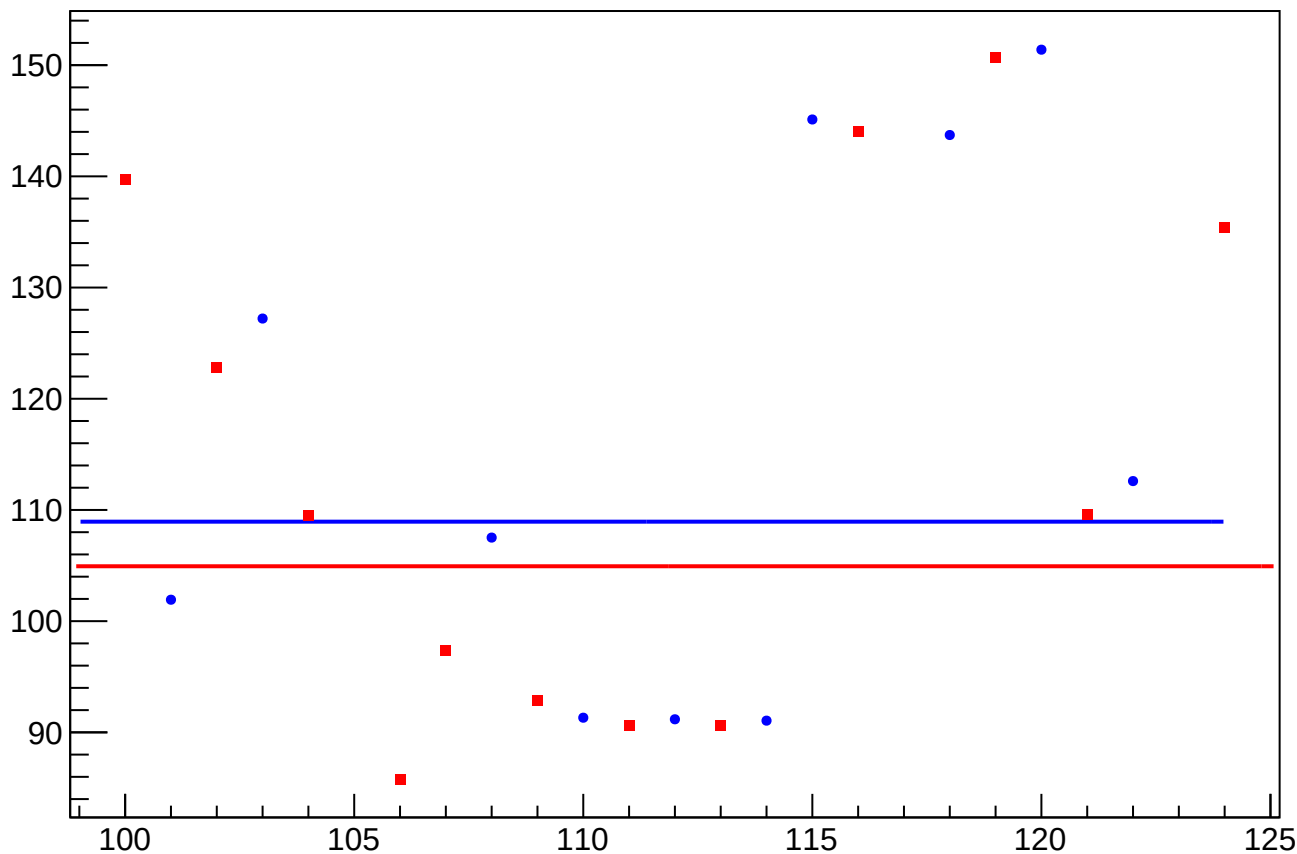
Right: 107.089+/-36.786 χ^2/NDF : 21.6/21

In: 45.657+/-54.831 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.089+/-36.786 χ^2/NDF : 21.6/21

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.947 $\pm$ 0.039 χ^2 /NDF: 242514.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 104.937 $\pm$ 0.035 χ^2 /NDF: 295067.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

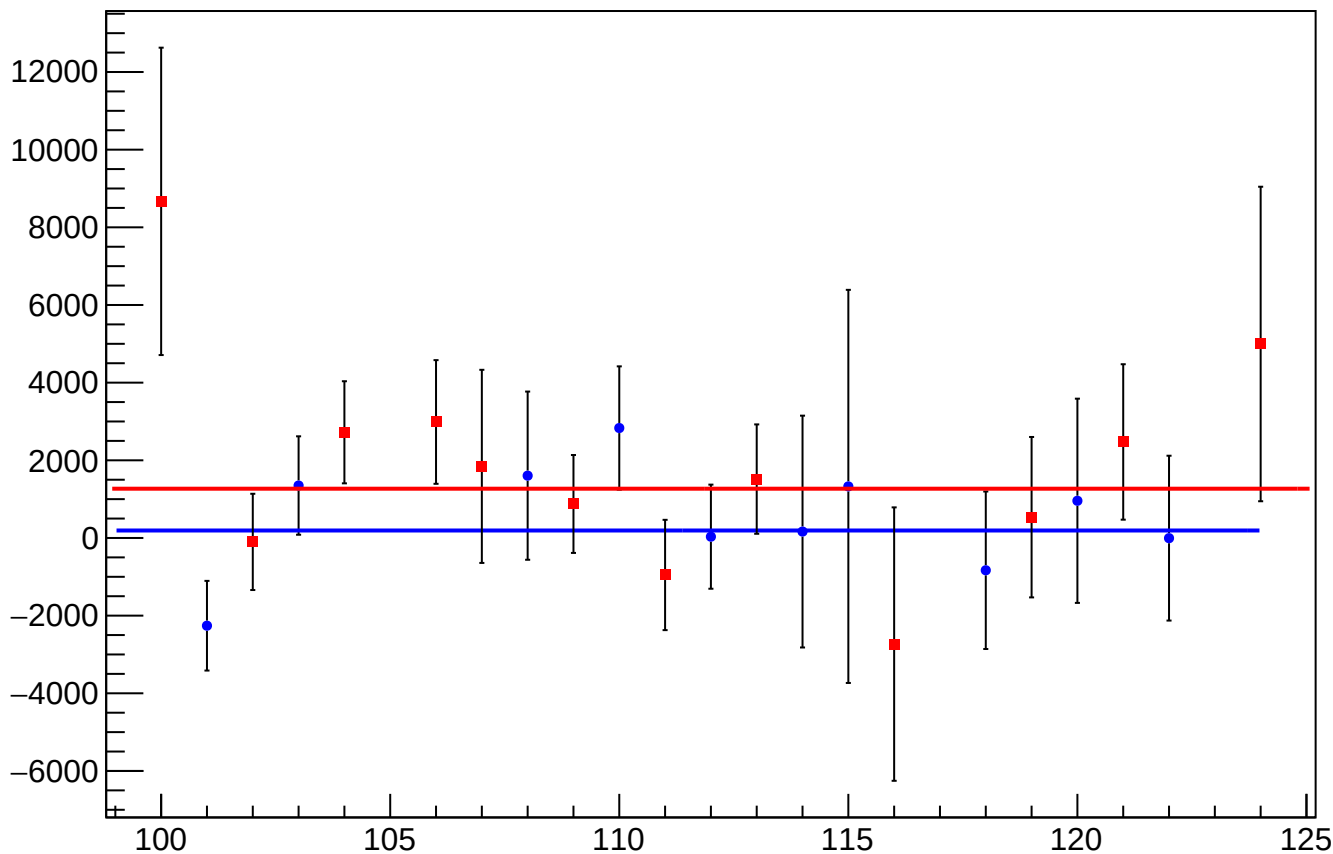
Right: 106.742 $\pm$ 0.026 χ^2 /NDF: 543463.1/21

In: 108.947 $\pm$ 0.039 χ^2 /NDF:242514.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.742 $\pm$ 0.026 χ^2 /NDF: 543463.1/21

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 192.530+/-550.508 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1268.828+/-493.608 χ^2/NDF : 12.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

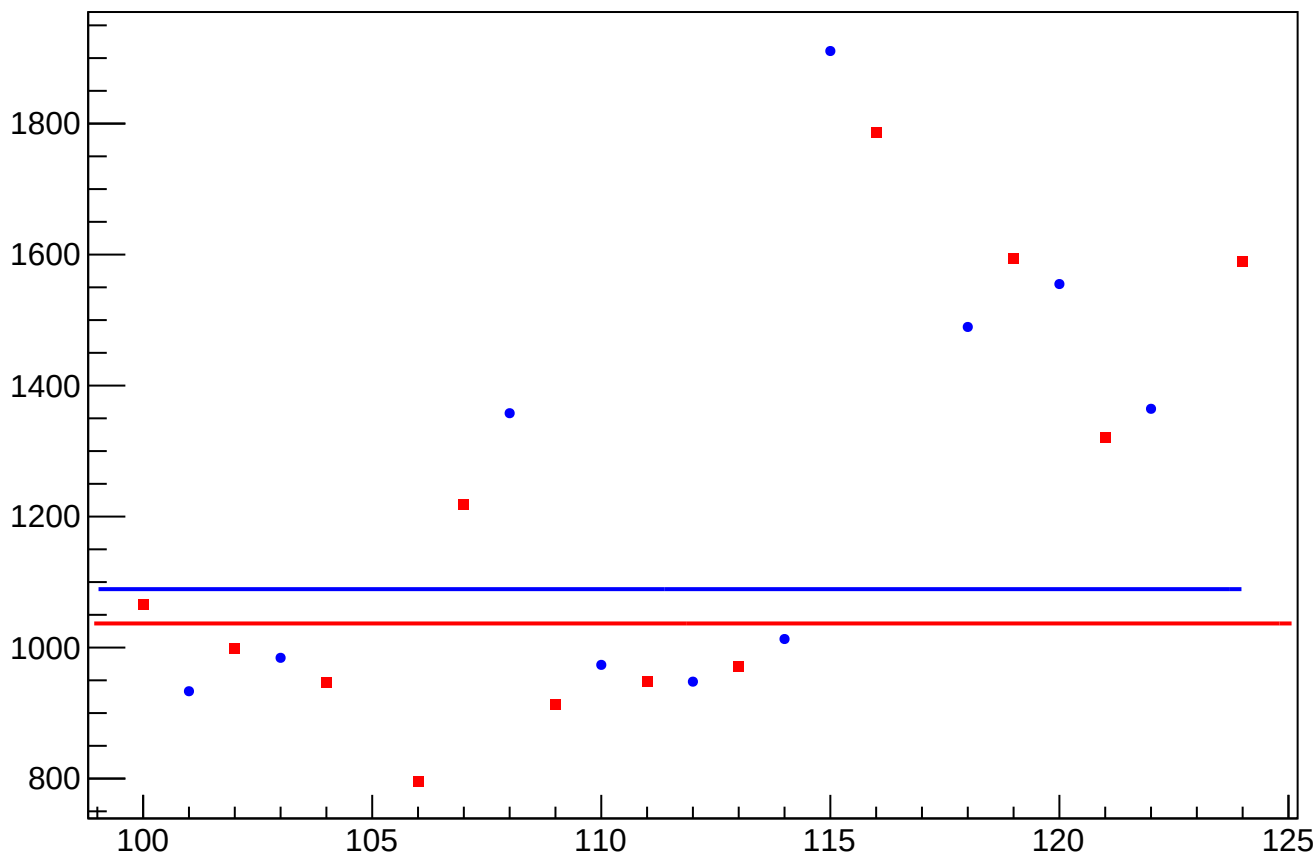
Right: 789.159+/-367.509 χ^2/NDF : 23.4/21

In: 192.530+/-550.508 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.159+/-367.509 χ^2/NDF : 23.4/21

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1089.208+/-0.389 χ^2/NDF : 342026.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1036.821+/-0.349 χ^2/NDF : 412613.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

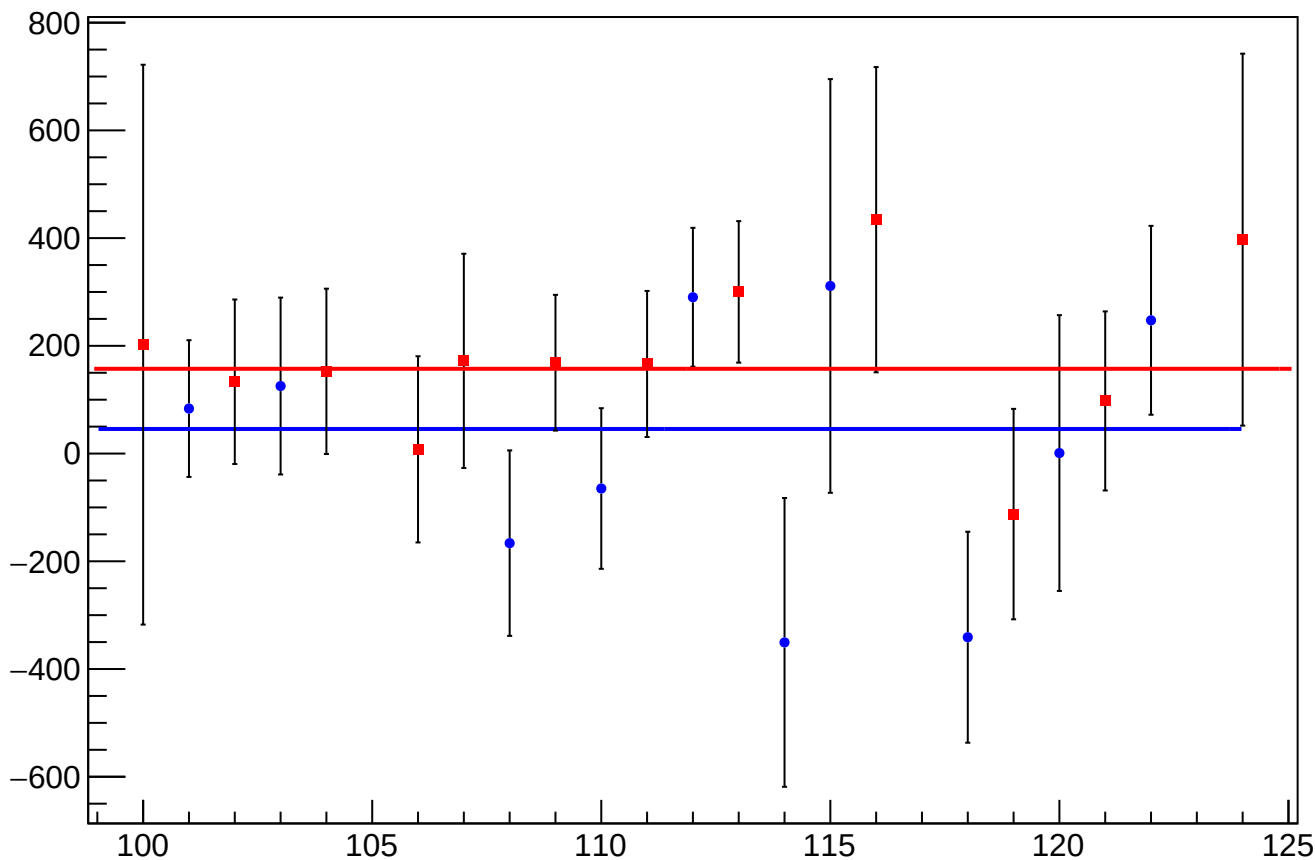
Right: 1060.168+/-0.260 χ^2/NDF : 764679.3/21

In: 1089.208+/-0.389 χ^2/NDF :342026.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1060.168+/-0.260 χ^2/NDF : 764679.3/21

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 45.657+/-54.831 χ^2/NDF : 13.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.373+/-49.607 χ^2/NDF : 5.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

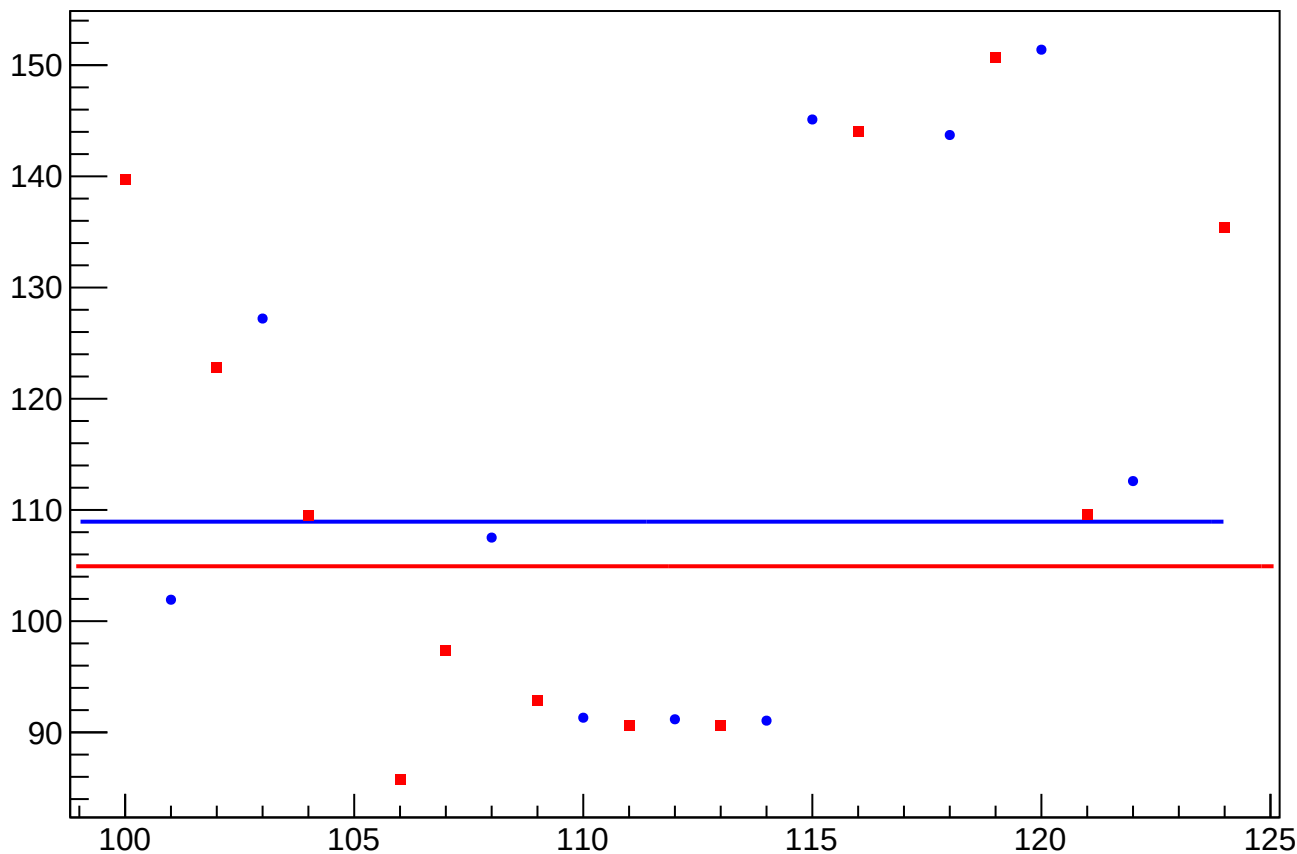
Right: 107.089+/-36.786 χ^2/NDF : 21.6/21

In: 45.657+/-54.831 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.089+/-36.786 χ^2/NDF : 21.6/21

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.947 $\pm$ 0.039 χ^2 /NDF: 242514.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 104.937 $\pm$ 0.035 χ^2 /NDF: 295067.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

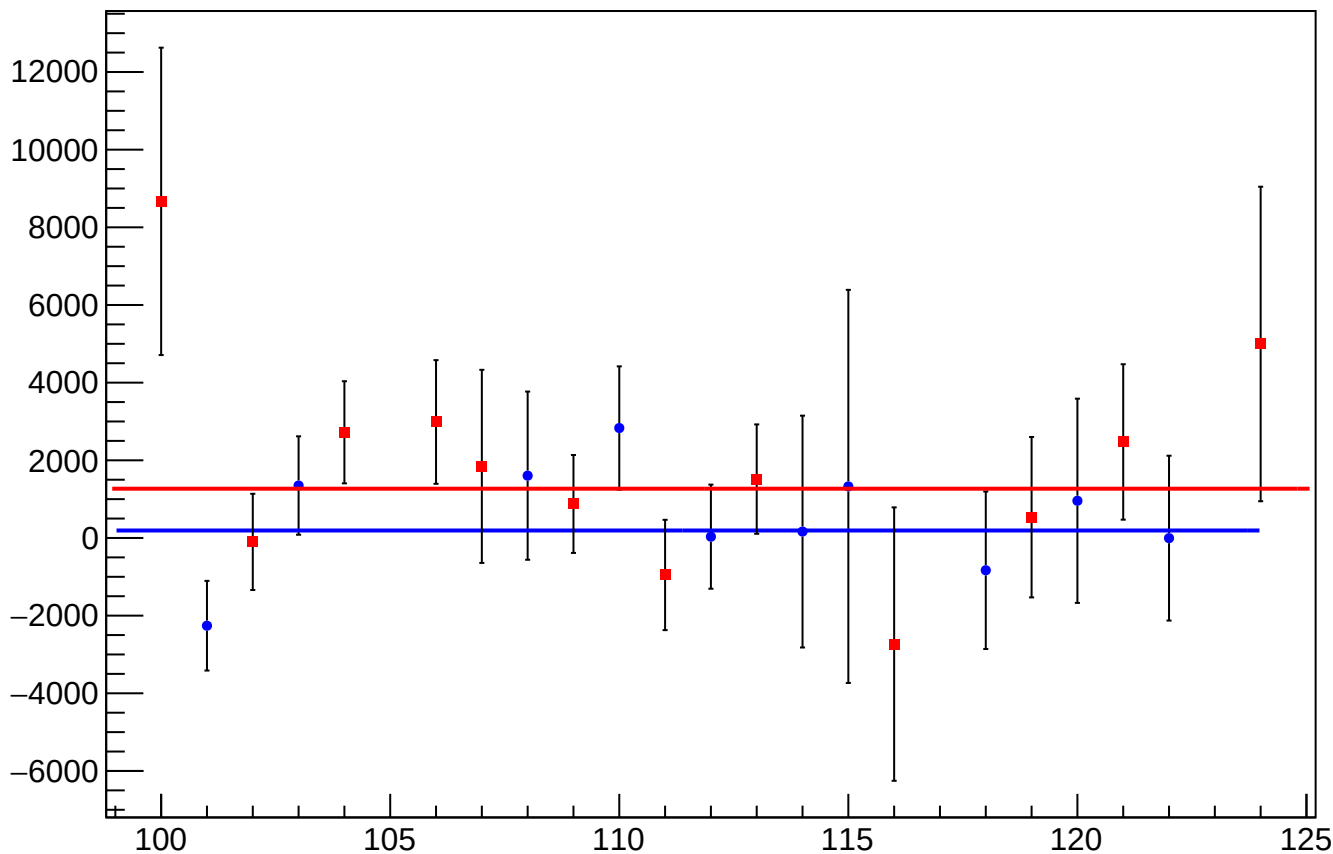
Right: 106.742 $\pm$ 0.026 χ^2 /NDF: 543463.1/21

In: 108.947 $\pm$ 0.039 χ^2 /NDF:242514.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.742 $\pm$ 0.026 χ^2 /NDF: 543463.1/21

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 192.530+/-550.508 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1268.828+/-493.608 χ^2/NDF : 12.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

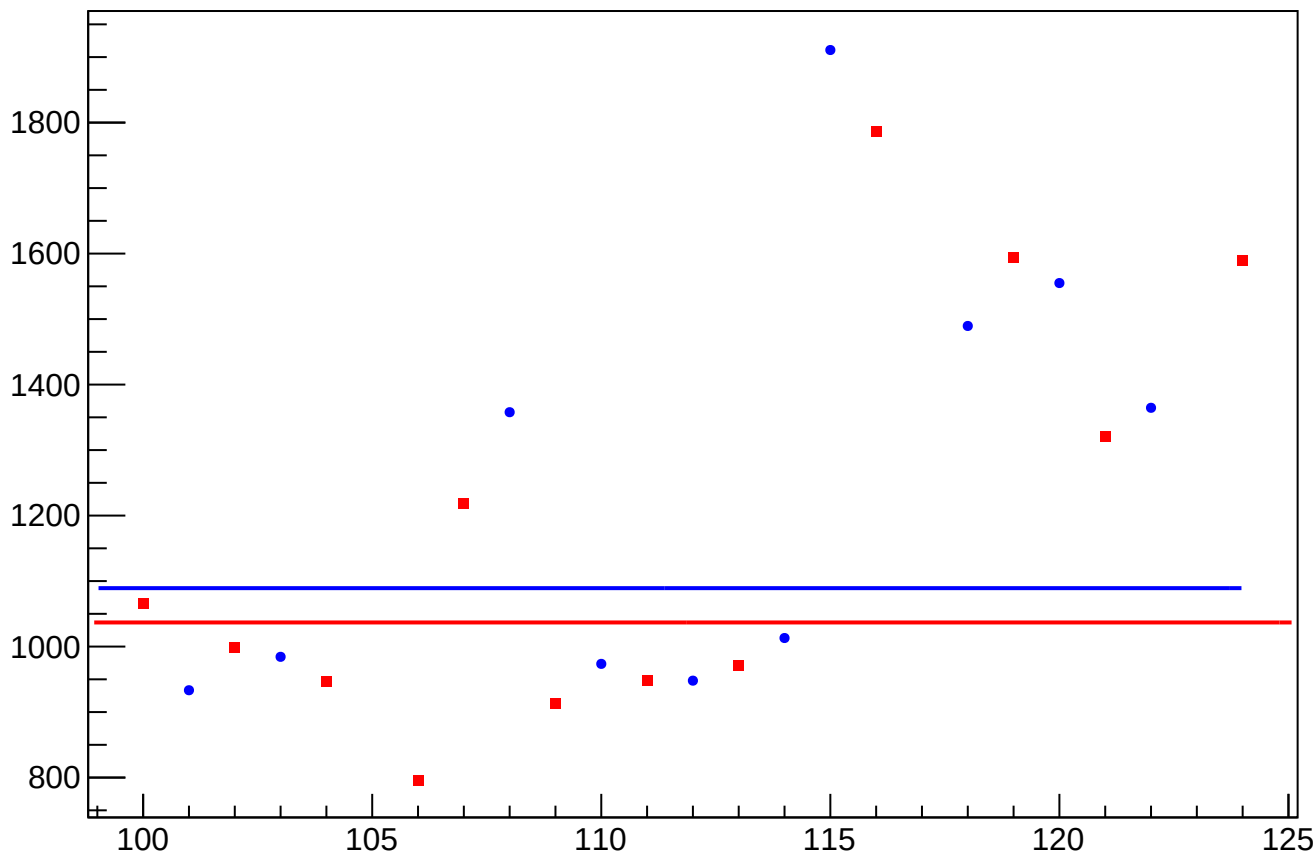
Right: 789.159+/-367.509 χ^2/NDF : 23.4/21

In: 192.530+/-550.508 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.159+/-367.509 χ^2/NDF : 23.4/21

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1089.208+/-0.389 χ^2/NDF : 342026.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1036.821+/-0.349 χ^2/NDF : 412613.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

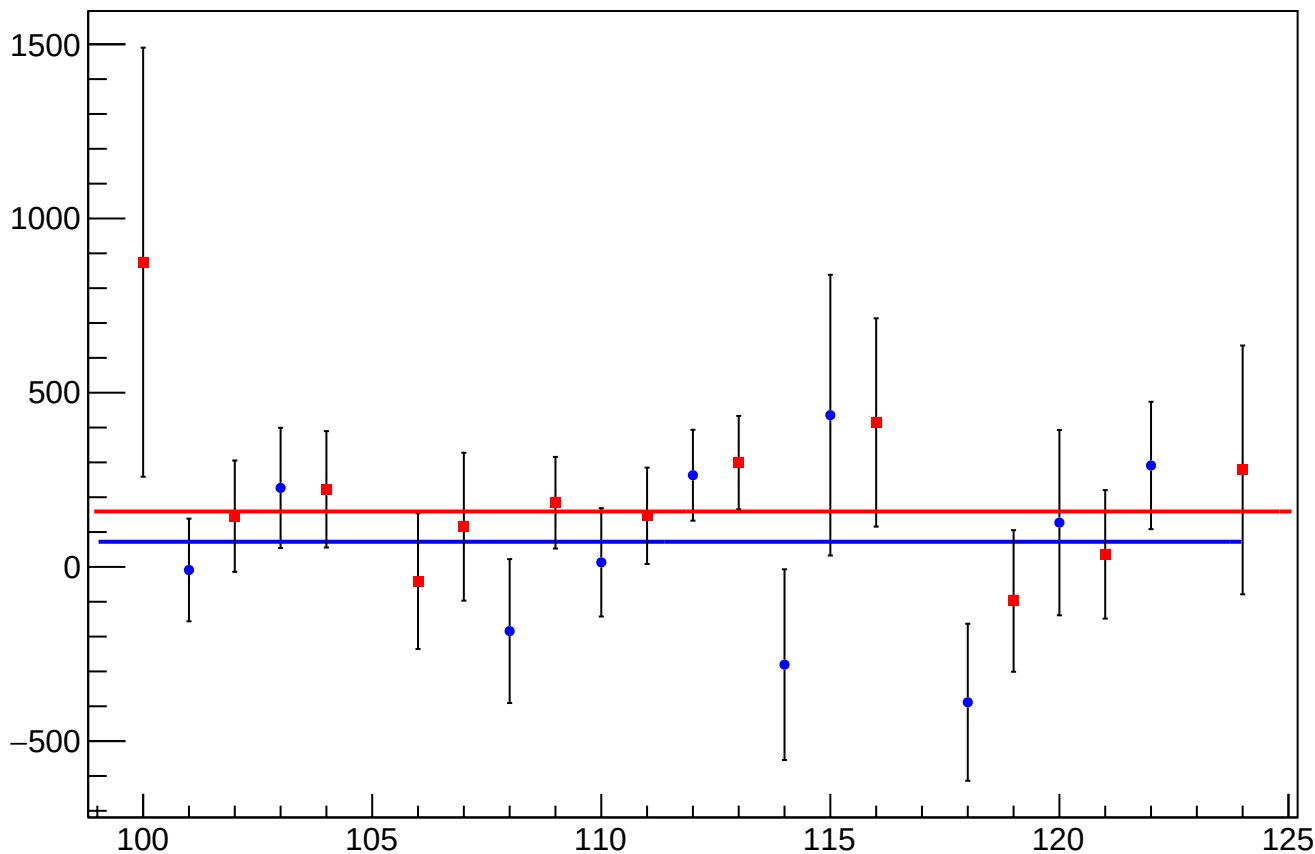
Right: 1060.168+/-0.260 χ^2/NDF : 764679.3/21

In: 1089.208+/-0.389 χ^2/NDF : 342026.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1060.168+/-0.260 χ^2/NDF : 764679.3/21

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 72.190 $\pm$ 59.081 χ^2 /NDF: 13.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.988 $\pm$ 52.362 χ^2 /NDF: 6.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

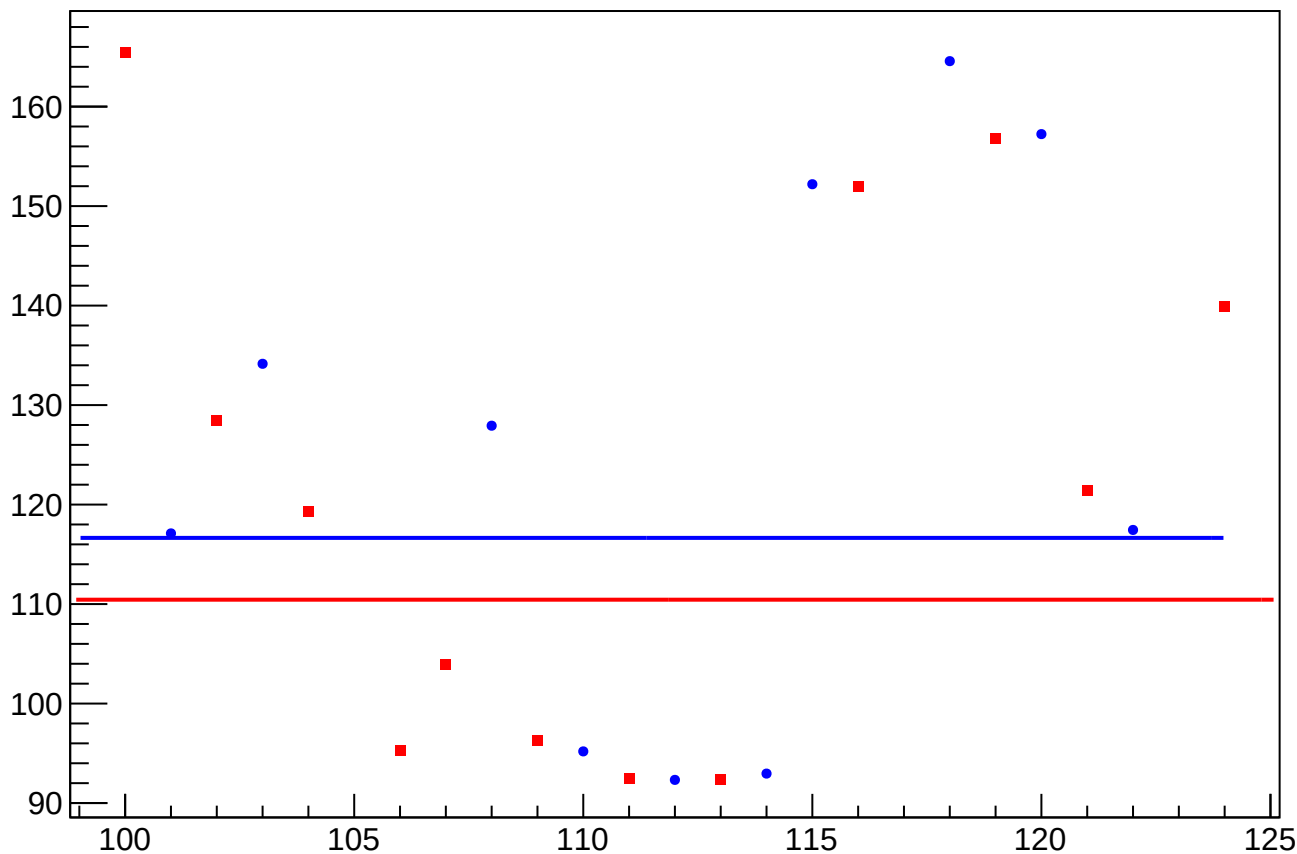
Right: 120.803 $\pm$ 39.187 χ^2 /NDF: 20.9/21

In: 72.190 $\pm$ 59.081 χ^2 /NDF: 13.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.803 $\pm$ 39.187 χ^2 /NDF: 20.9/21

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.653 $\pm$ 0.042 χ^2 /NDF: 301737.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.440 $\pm$ 0.037 χ^2 /NDF: 317762.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

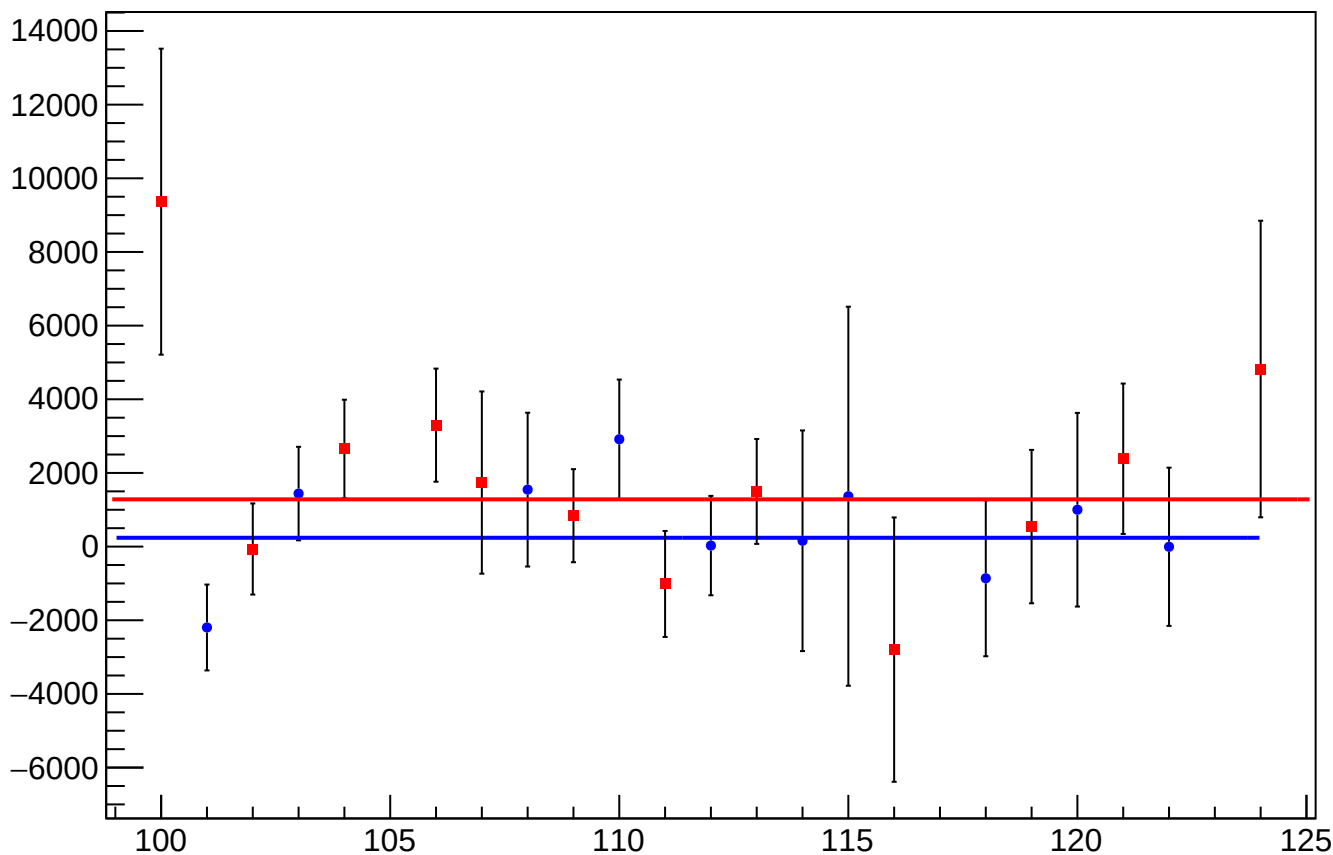
Right: 113.173 $\pm$ 0.028 χ^2 /NDF: 631885.7/21

In: 116.653 $\pm$ 0.042 χ^2 /NDF:301737.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.173 $\pm$ 0.028 χ^2 /NDF: 631885.7/21

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.805 $\pm$ 554.780 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1283.184 $\pm$ 495.540 χ^2 /NDF: 13.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

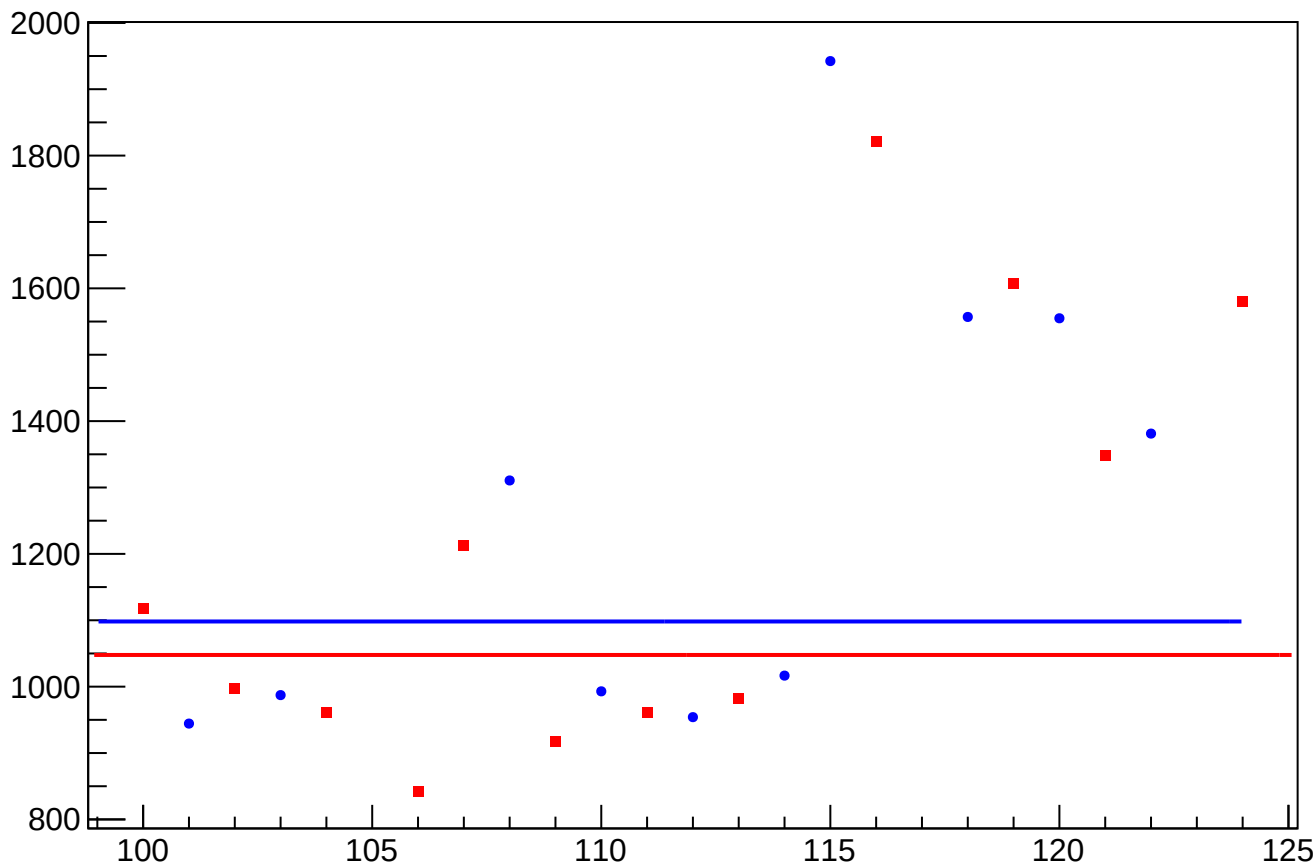
Right: 820.157 $\pm$ 369.576 χ^2 /NDF: 23.7/21

In: 239.805 $\pm$ 554.780 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 820.157 $\pm$ 369.576 χ^2 /NDF: 23.7/21

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1098.179+/-0.392 χ^2/NDF : 346255.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1047.733+/-0.350 χ^2/NDF : 405108.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

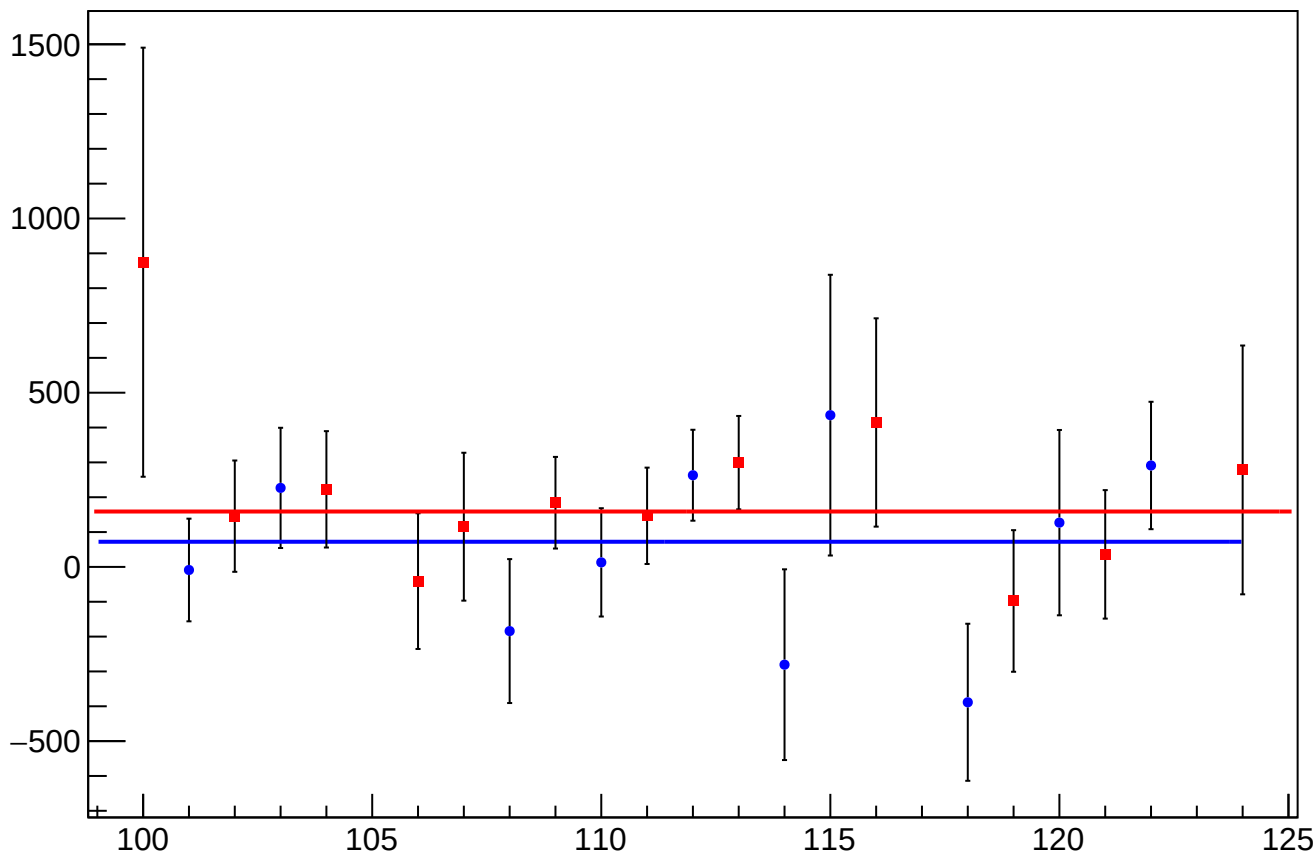
Right: 1070.119+/-0.261 χ^2/NDF : 760561.9/21

In: 1098.179+/-0.392 χ^2/NDF :346255.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1070.119+/-0.261 χ^2/NDF : 760561.9/21

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 72.189+/-59.081 χ^2/NDF : 13.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.988+/-52.362 χ^2/NDF : 6.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

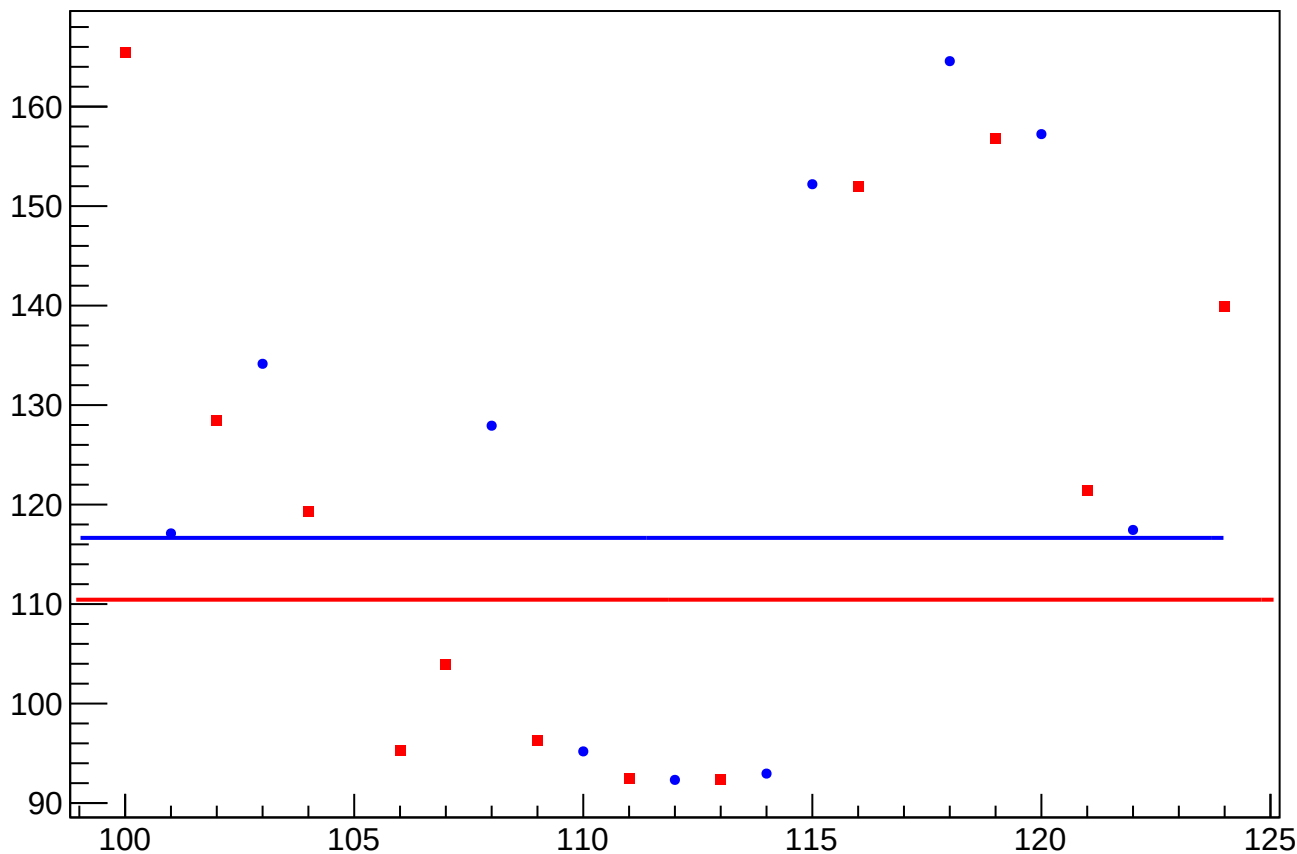
Right: 120.803+/-39.187 χ^2/NDF : 20.9/21

In: 72.189+/-59.081 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.803+/-39.187 χ^2/NDF : 20.9/21

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.653 $\pm$ 0.042 χ^2 /NDF: 301741.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.440 $\pm$ 0.037 χ^2 /NDF: 317763.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

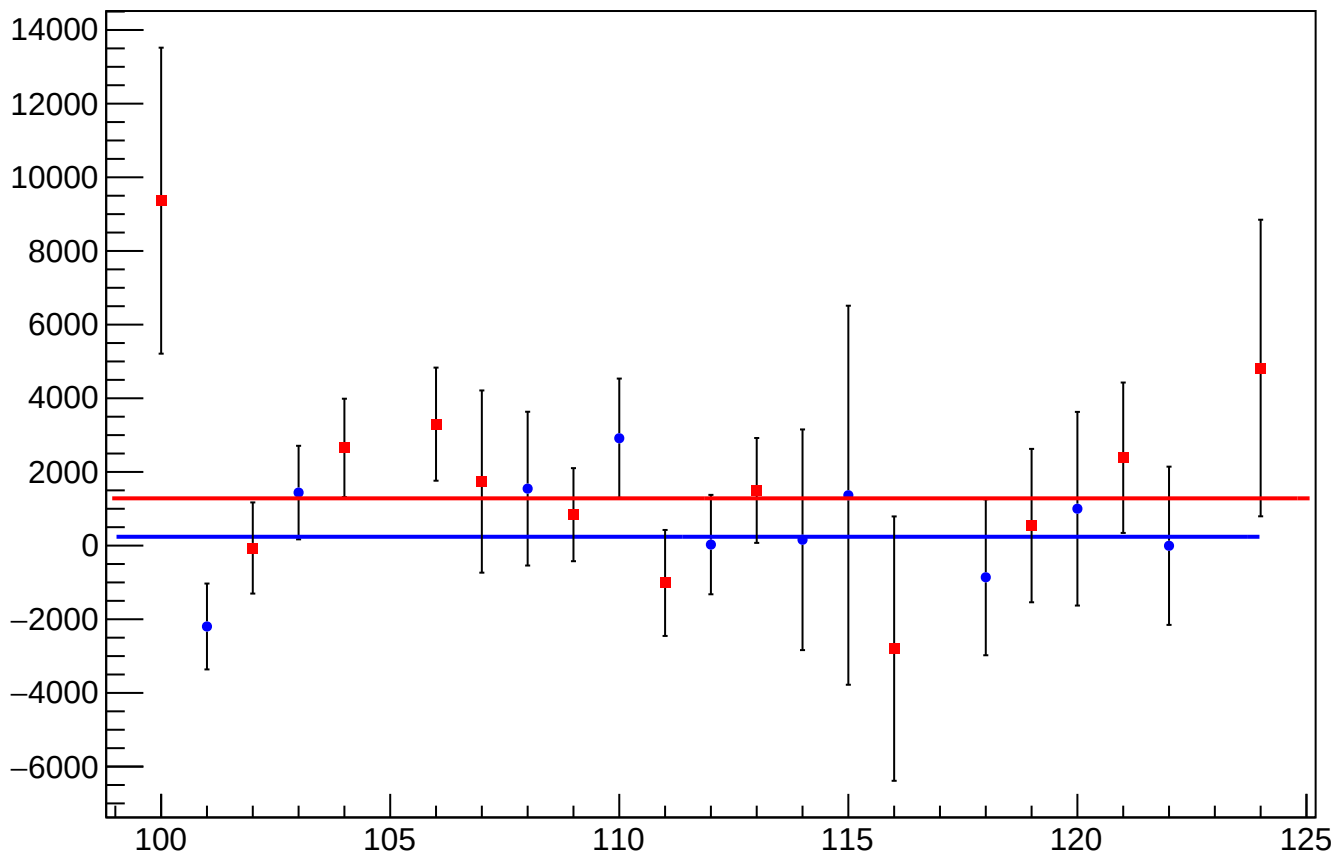
Right: 113.173 $\pm$ 0.028 χ^2 /NDF: 631891.2/21

In: 116.653 $\pm$ 0.042 χ^2 /NDF:301741.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.173 $\pm$ 0.028 χ^2 /NDF: 631891.2/21

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.806+/-554.781 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.184+/-495.540 χ^2/NDF : 13.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

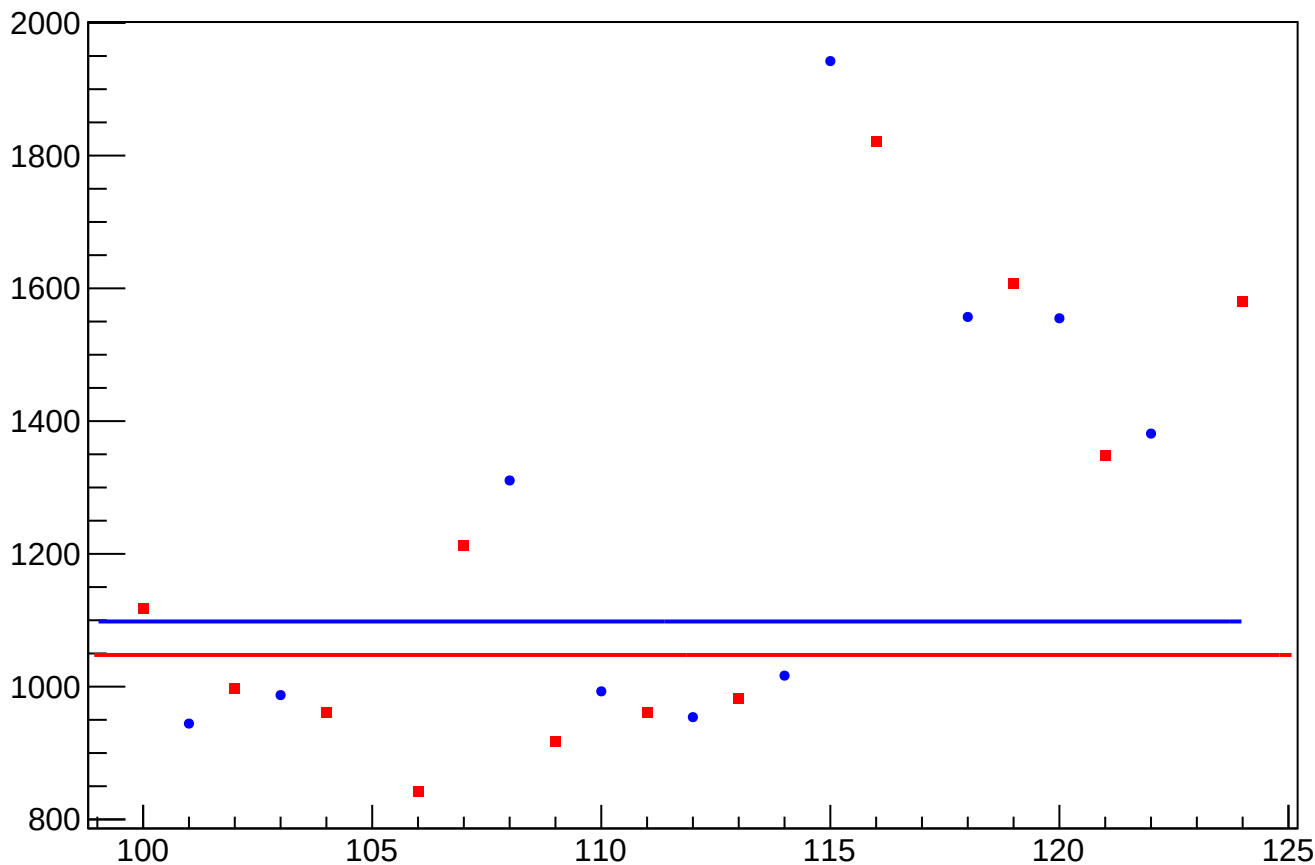
Right: 820.157+/-369.576 χ^2/NDF : 23.7/21

In: 239.806+/-554.781 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 820.157+/-369.576 χ^2/NDF : 23.7/21

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1098.179+/-0.392 χ^2/NDF : 346256.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1047.732+/-0.350 χ^2/NDF : 405109.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

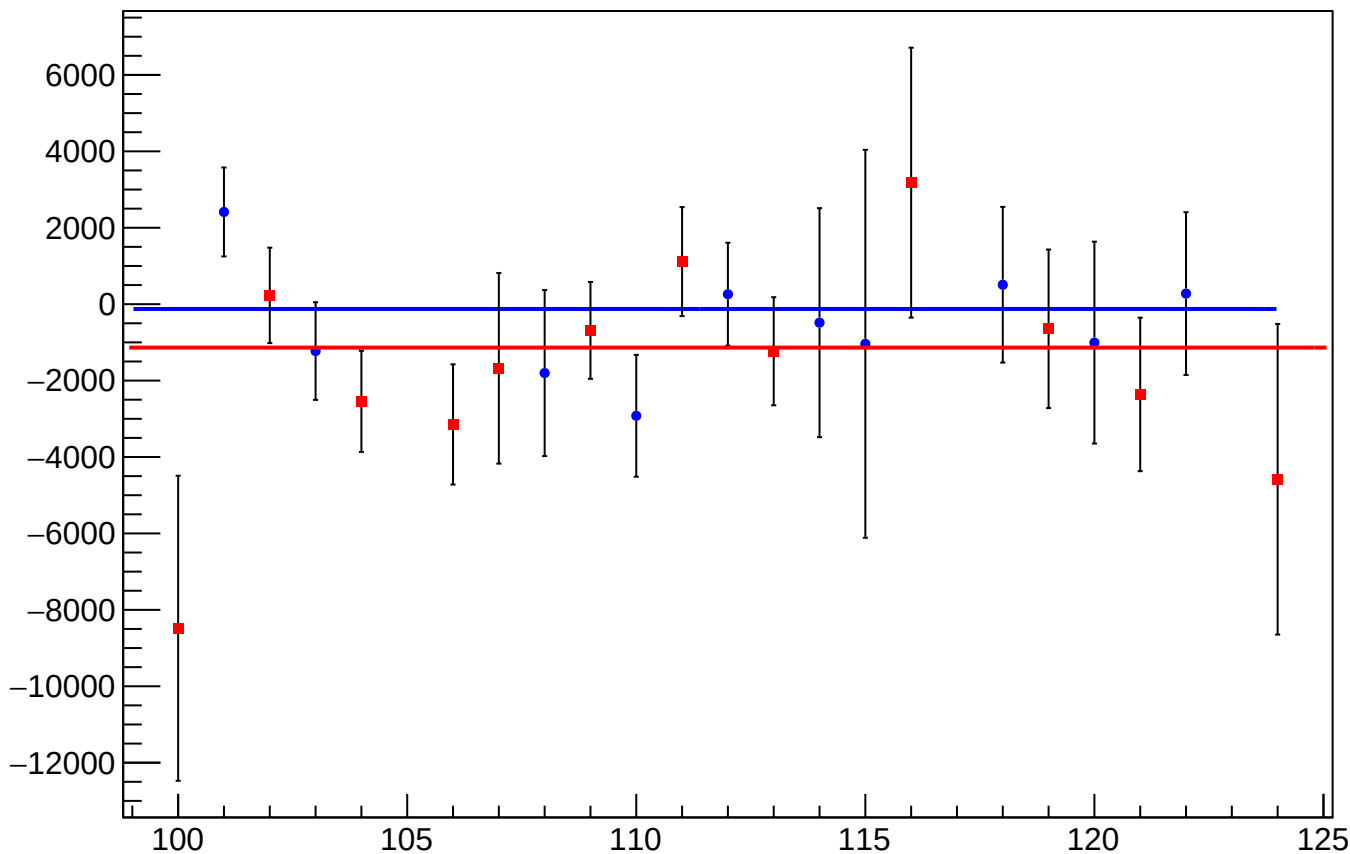
Right: 1070.119+/-0.261 χ^2/NDF : 760563.3/21

In: 1098.179+/-0.392 χ^2/NDF :346256.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1070.119+/-0.261 χ^2/NDF : 760563.3/21

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -125.657+/-553.720 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1136.403+/-495.459 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

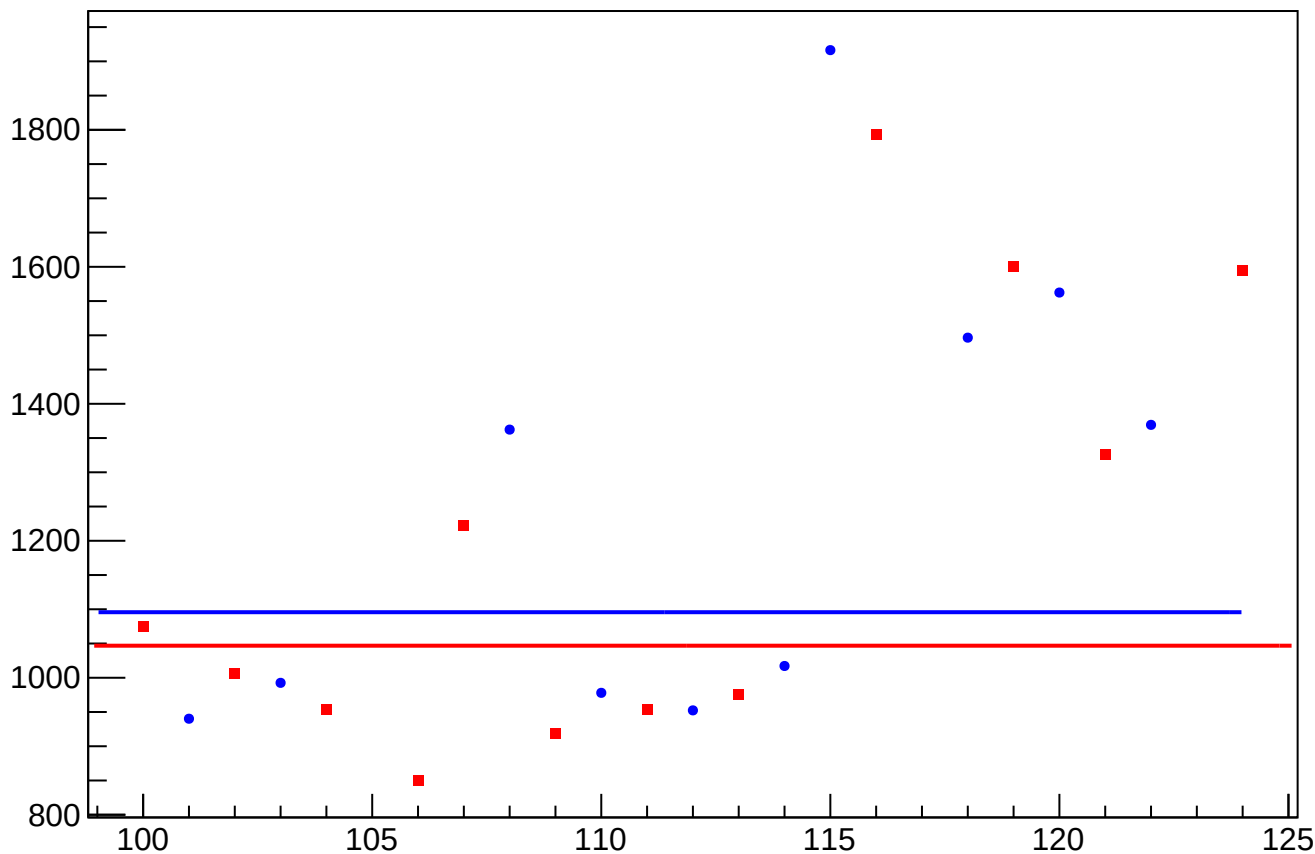
Right: -686.984+/-369.228 χ^2/NDF : 24.0/21

In: -125.657+/-553.720 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -686.984+/-369.228 χ^2/NDF : 24.0/21

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1095.715+/-0.392 χ^2/NDF : 338833.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1046.812+/-0.350 χ^2/NDF : 394134.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

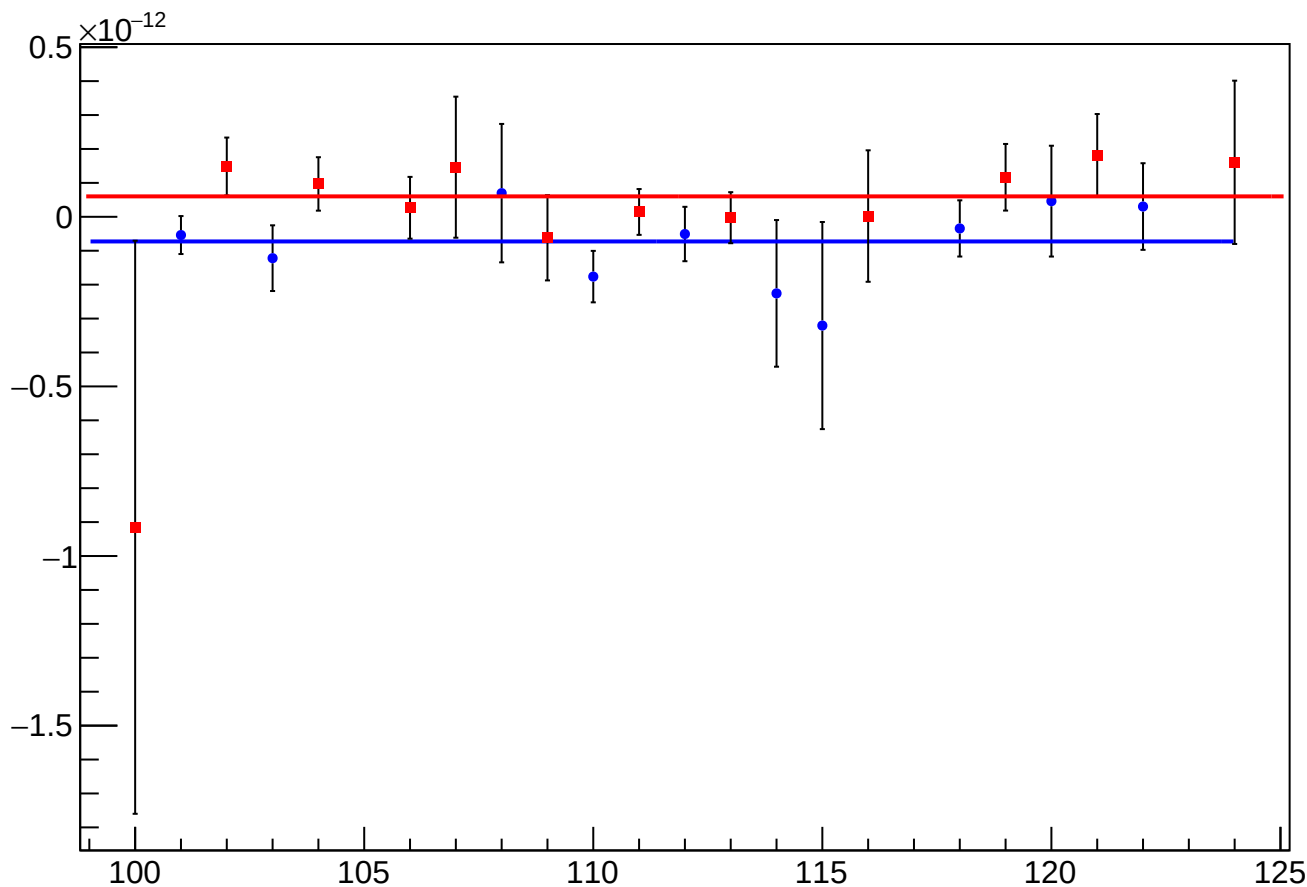
Right: 1068.556+/-0.261 χ^2/NDF : 741631.1/21

In: 1095.715+/-0.392 χ^2/NDF : 338833.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.556+/-0.261 χ^2/NDF : 741631.1/21

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 6.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

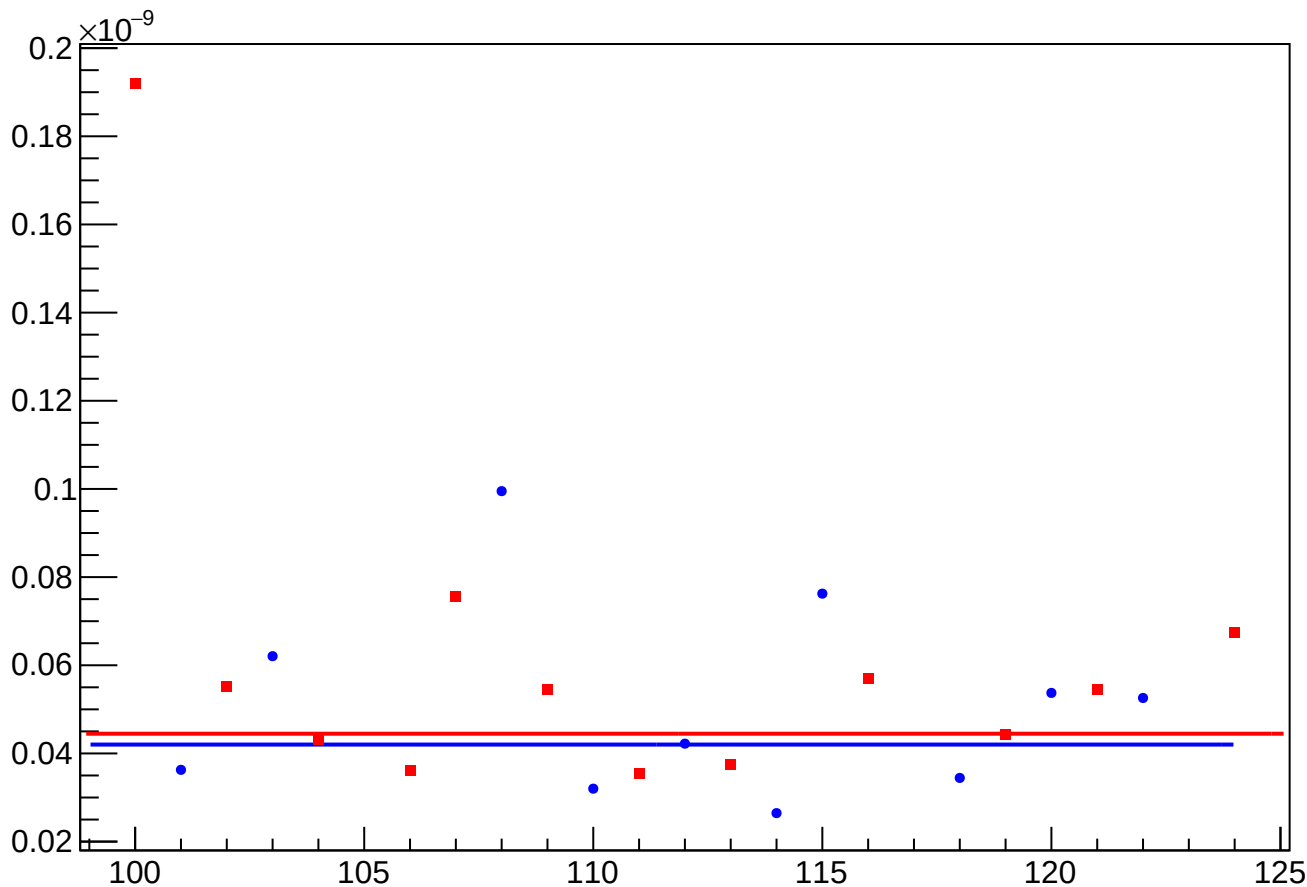
Right: -0.000+/-0.000 χ^2 /NDF: 21.6/21

In: -0.000+/-0.000 χ^2 /NDF:5.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.6/21

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 376473.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 260534.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

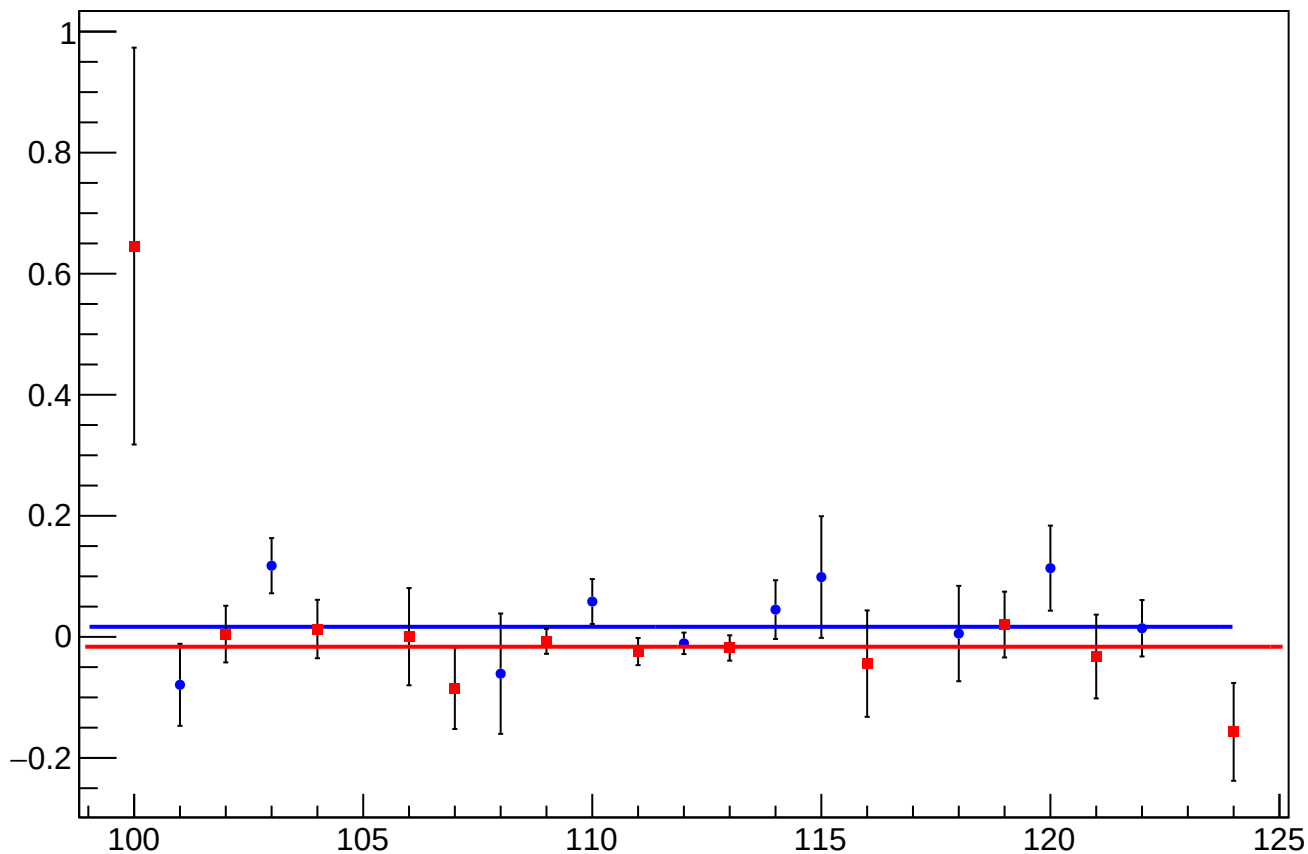
Right: 0.000+/-0.000 χ^2/NDF : 643594.3/21

In: 0.000+/-0.000 χ^2/NDF : 376473.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 643594.3/21

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.011 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

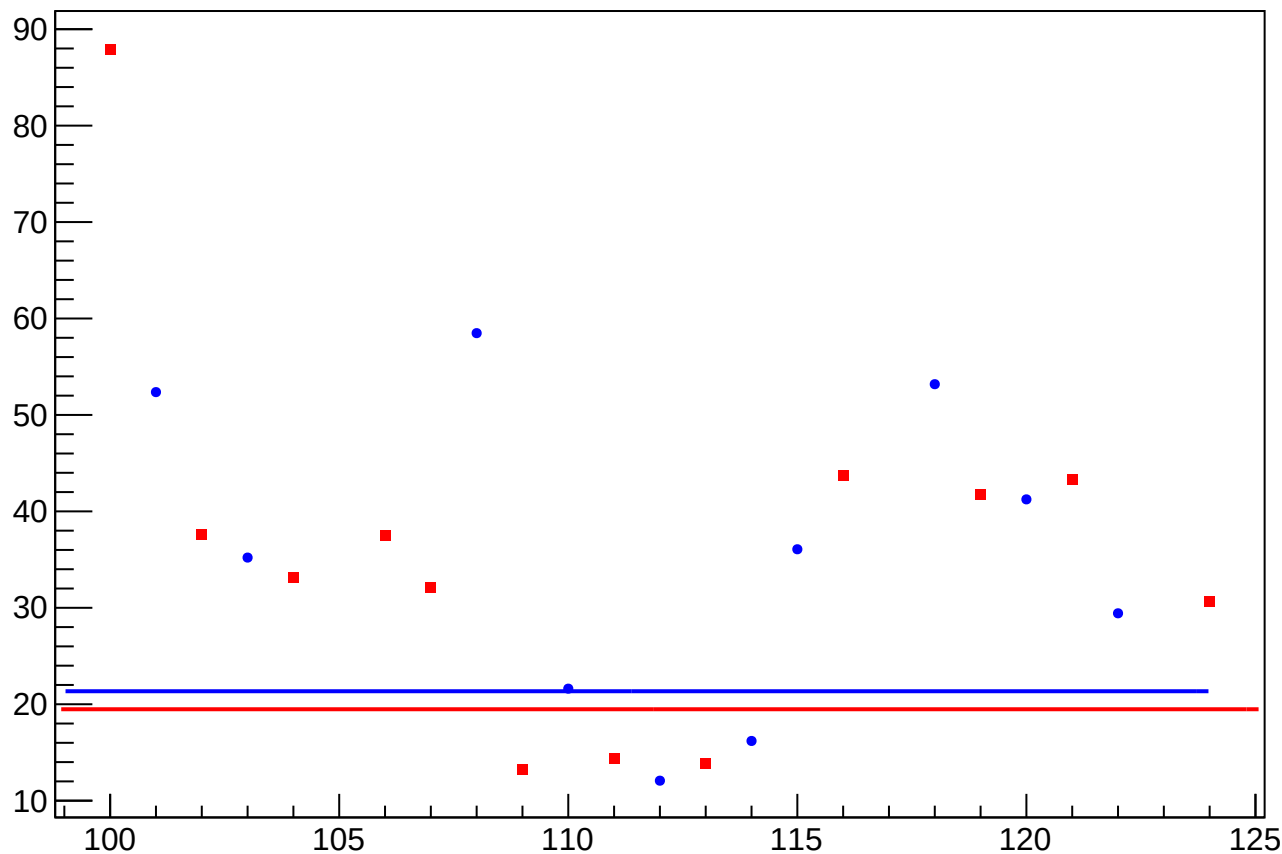
Right: -0.003+/-0.008 χ^2/NDF : 27.6/21

In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.008 χ^2/NDF : 27.6/21

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.349+/-0.009 χ^2/NDF : 2042027.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.481+/-0.008 χ^2/NDF : 1912910.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

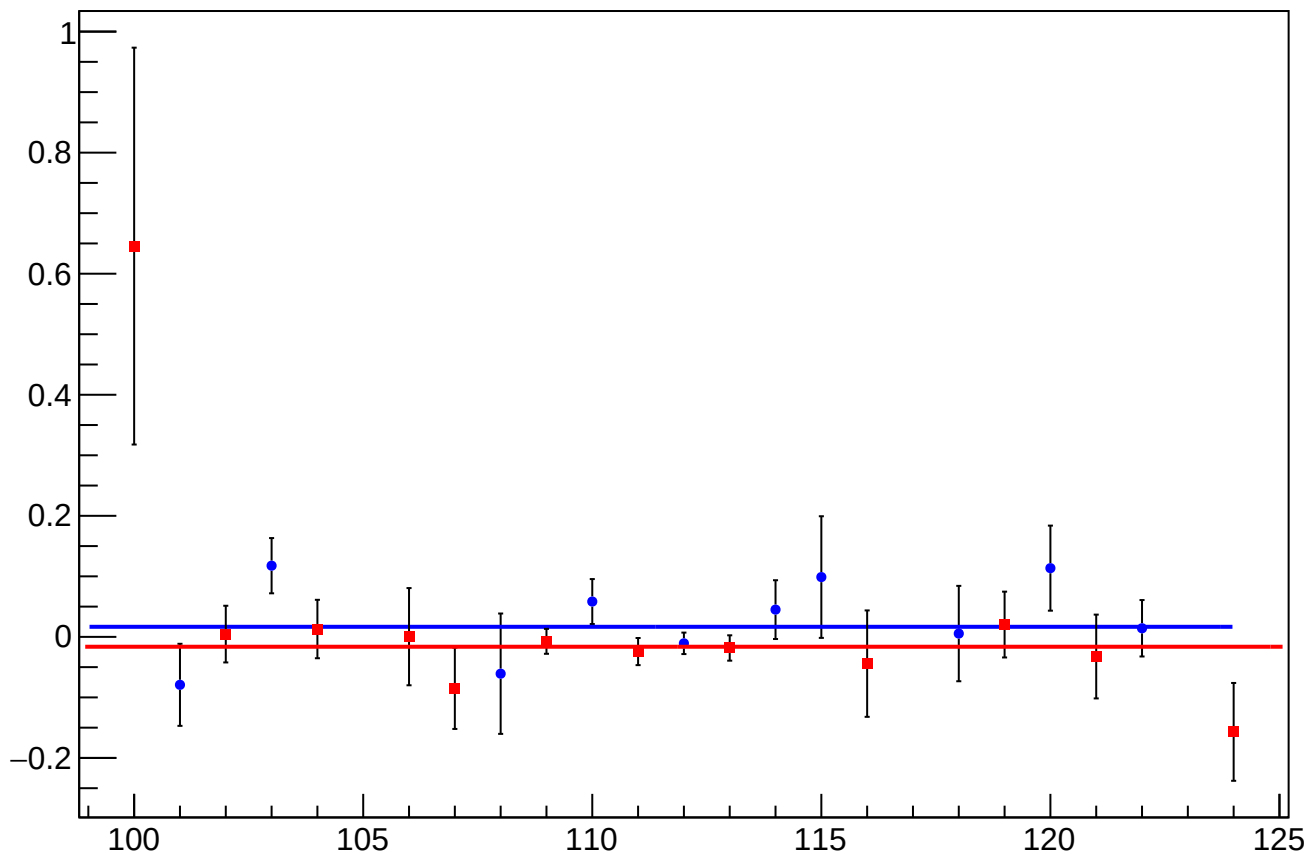
Right: 20.246+/-0.006 χ^2/NDF : 3979886.1/21

In: 21.349+/-0.009 χ^2/NDF : 2042027.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.246+/-0.006 χ^2/NDF : 3979886.1/21

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 14.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.011 χ^2 /NDF: 9.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

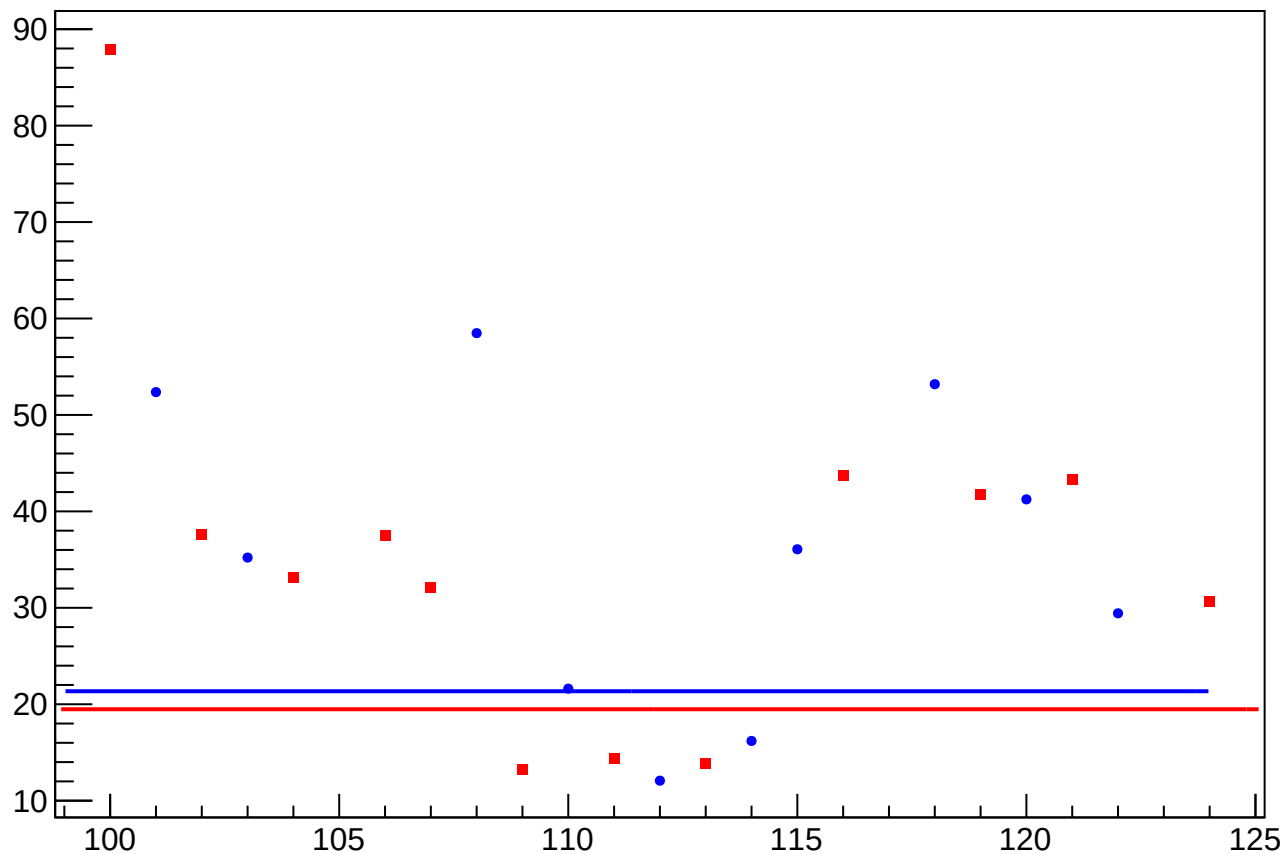
Right: -0.003 $\pm$ 0.008 χ^2 /NDF: 27.6/21

In: 0.017 $\pm$ 0.013 χ^2 /NDF:14.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.008 χ^2 /NDF: 27.6/21

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.349+/-0.009 χ^2/NDF : 2042027.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.481+/-0.008 χ^2/NDF : 1912910.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

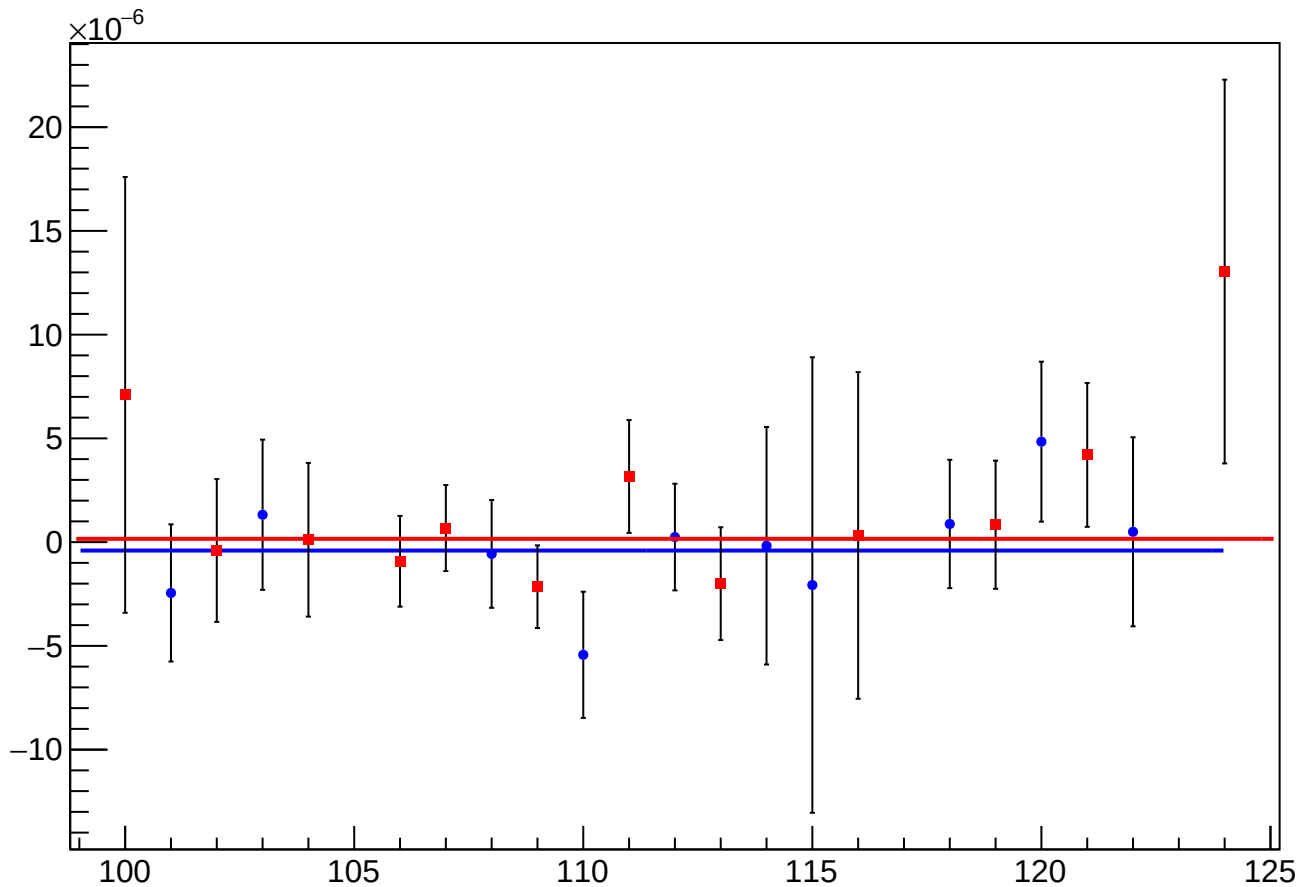
Right: 20.246+/-0.006 χ^2/NDF : 3979886.1/21

In: 21.349+/-0.009 χ^2/NDF : 2042027.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.246+/-0.006 χ^2/NDF : 3979886.1/21

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

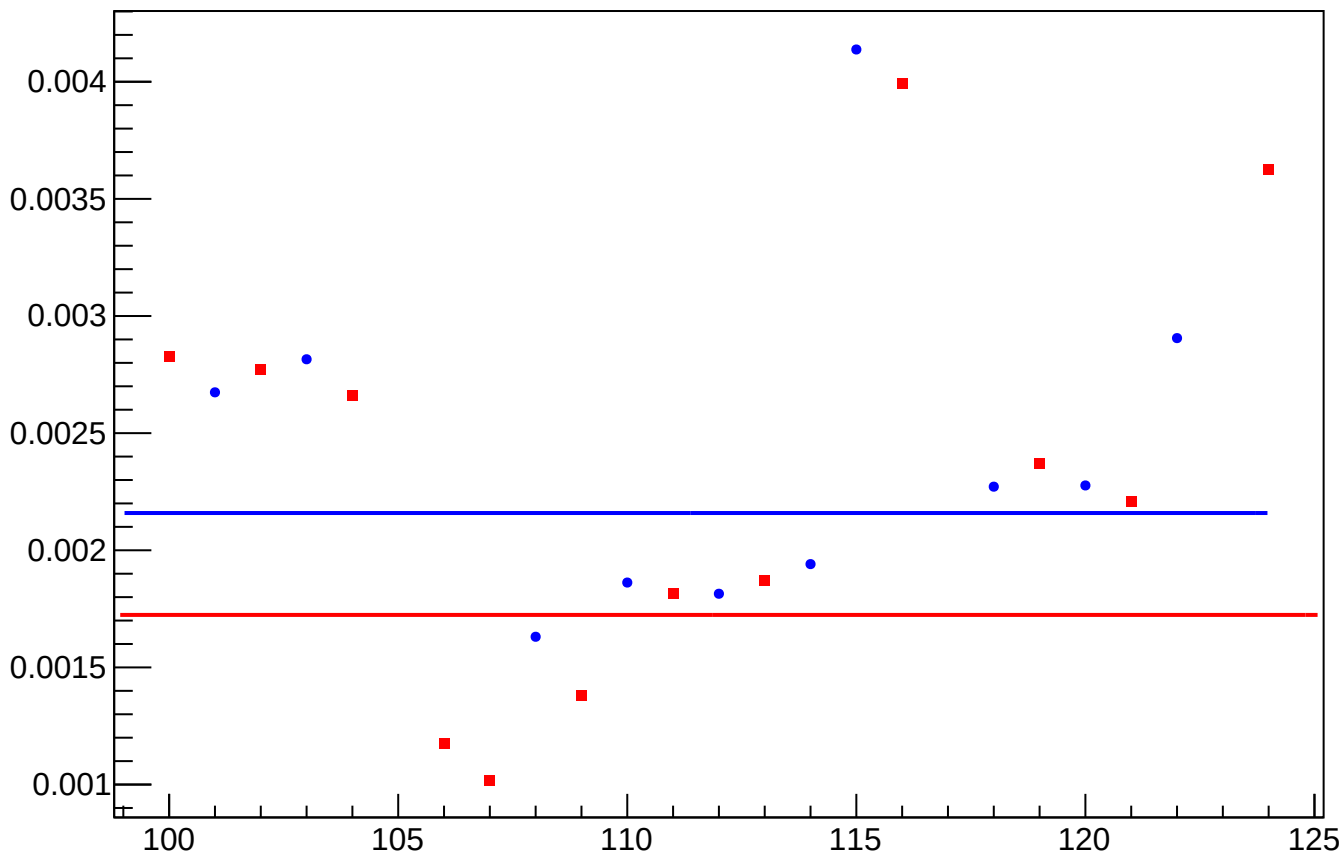
Right: -0.000+/-0.000 χ^2/NDF : 13.0/21

In: -0.000+/-0.000 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.0/21

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 378249.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1139114.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

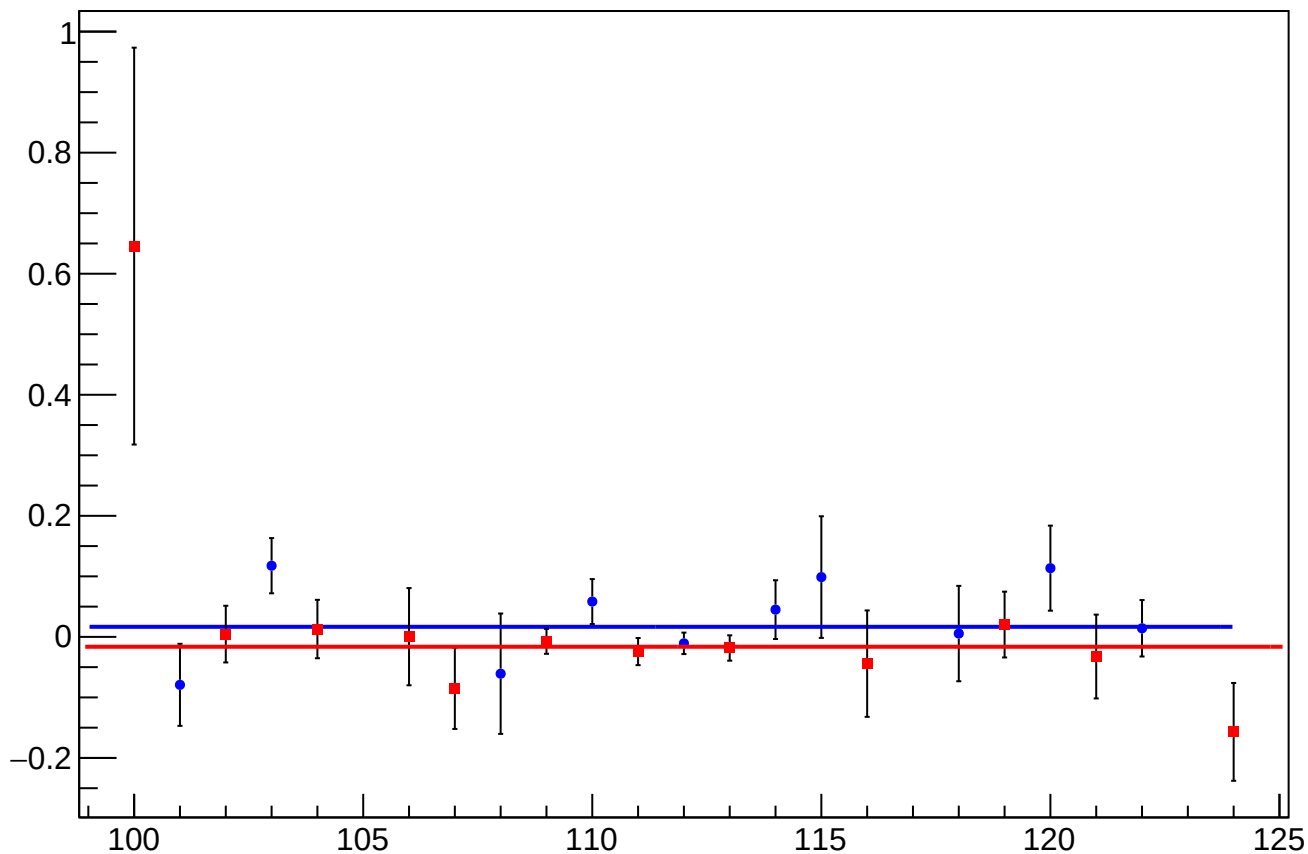
Right: 0.002+/-0.000 χ^2/NDF : 1712338.9/21

In: 0.002+/-0.000 χ^2/NDF :378249.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1712338.9/21

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 14.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.011 χ^2 /NDF: 9.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

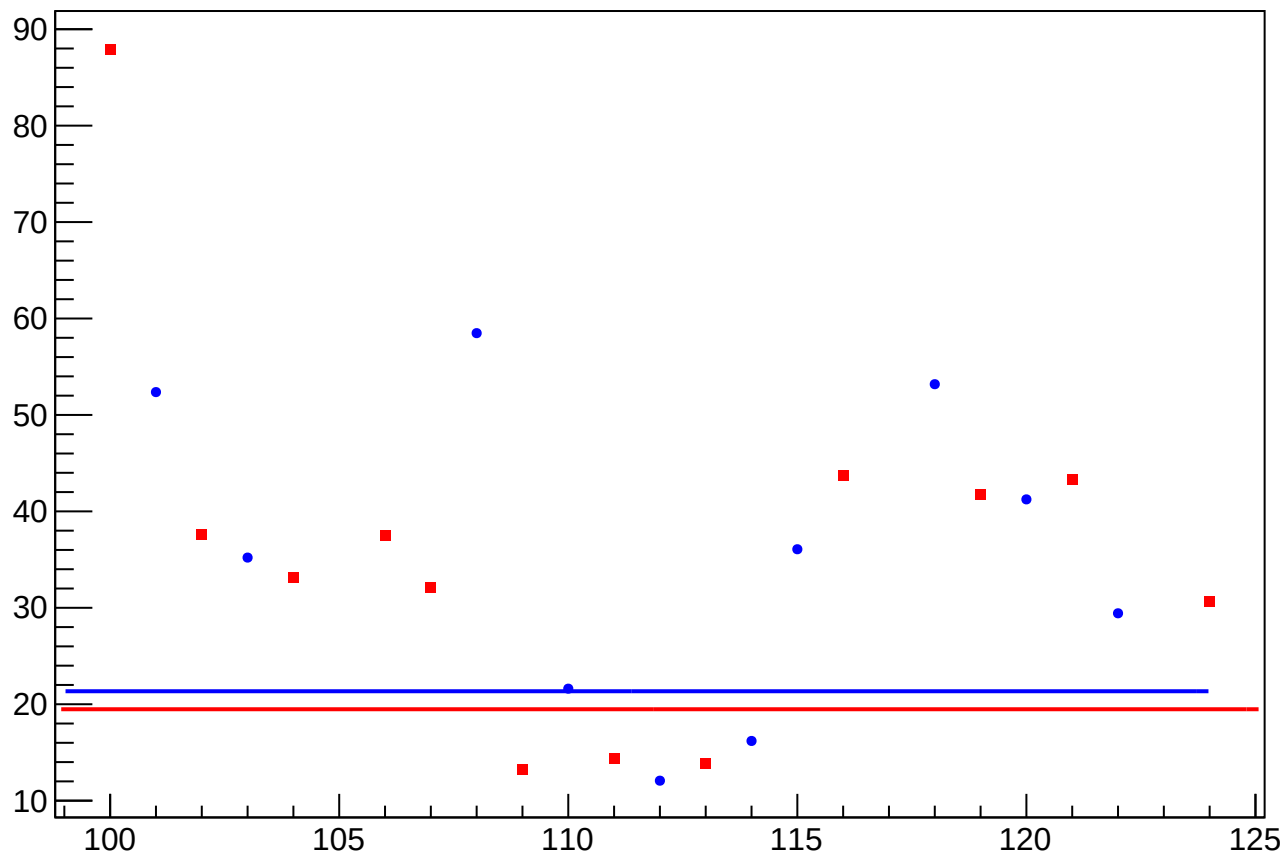
Right: -0.003 $\pm$ 0.008 χ^2 /NDF: 27.6/21

In: 0.017 $\pm$ 0.013 χ^2 /NDF:14.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.008 χ^2 /NDF: 27.6/21

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.347+/-0.009 χ^2/NDF : 2042253.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.480+/-0.008 χ^2/NDF : 1912909.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

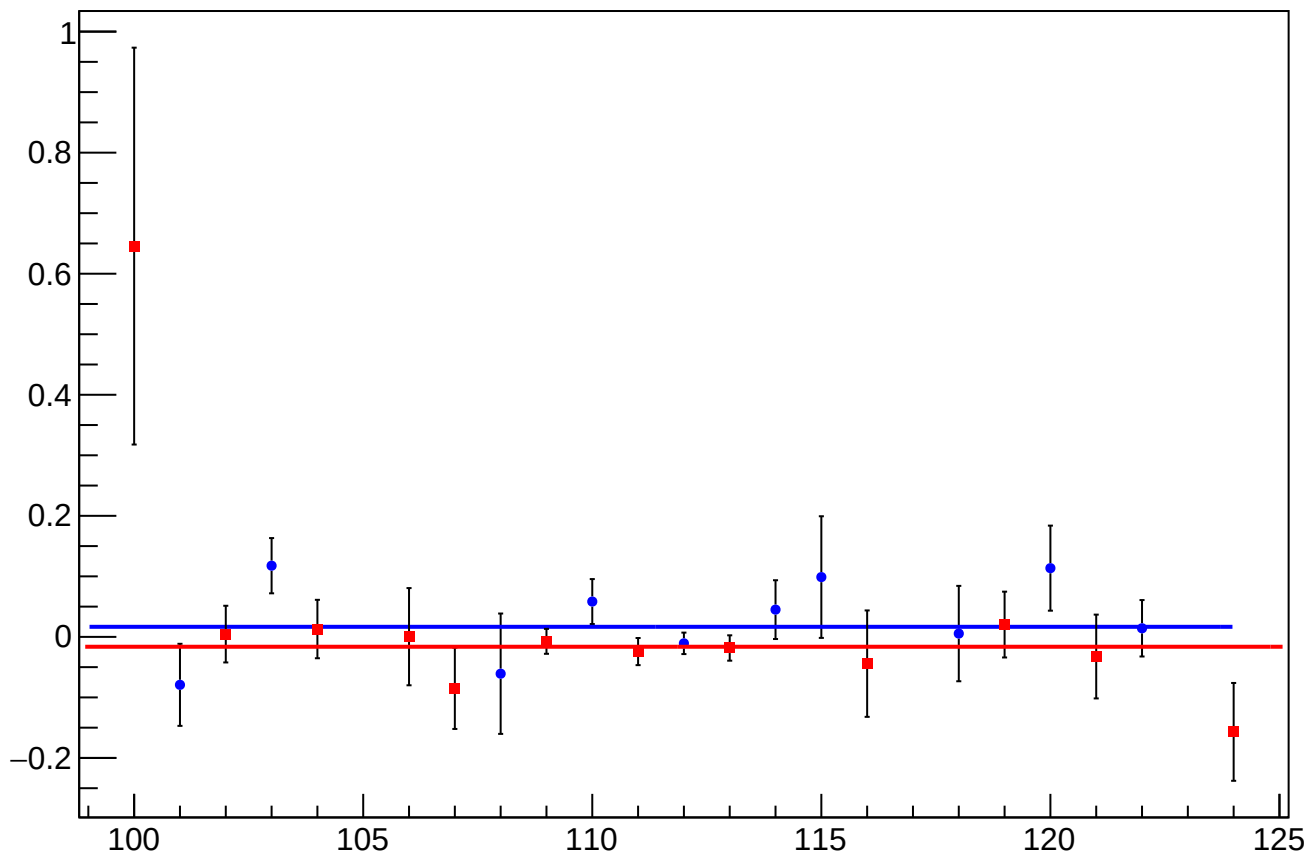
Right: 20.245+/-0.006 χ^2/NDF : 3980082.0/21

In: 21.347+/-0.009 χ^2/NDF : 2042253.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.245+/-0.006 χ^2/NDF : 3980082.0/21

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.011 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

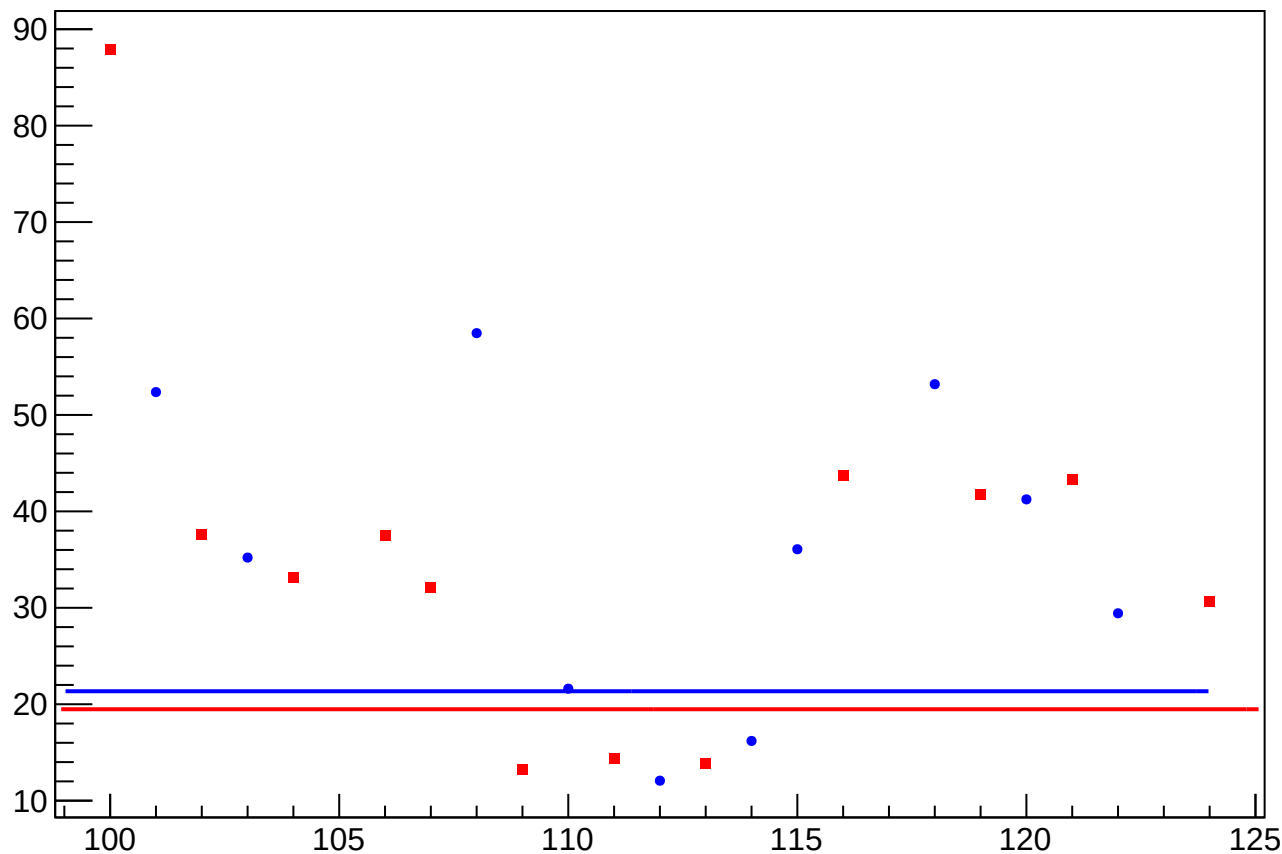
Right: -0.003+/-0.008 χ^2/NDF : 27.6/21

In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.008 χ^2/NDF : 27.6/21

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.347+/-0.009 χ^2/NDF : 2042253.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.480+/-0.008 χ^2/NDF : 1912909.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

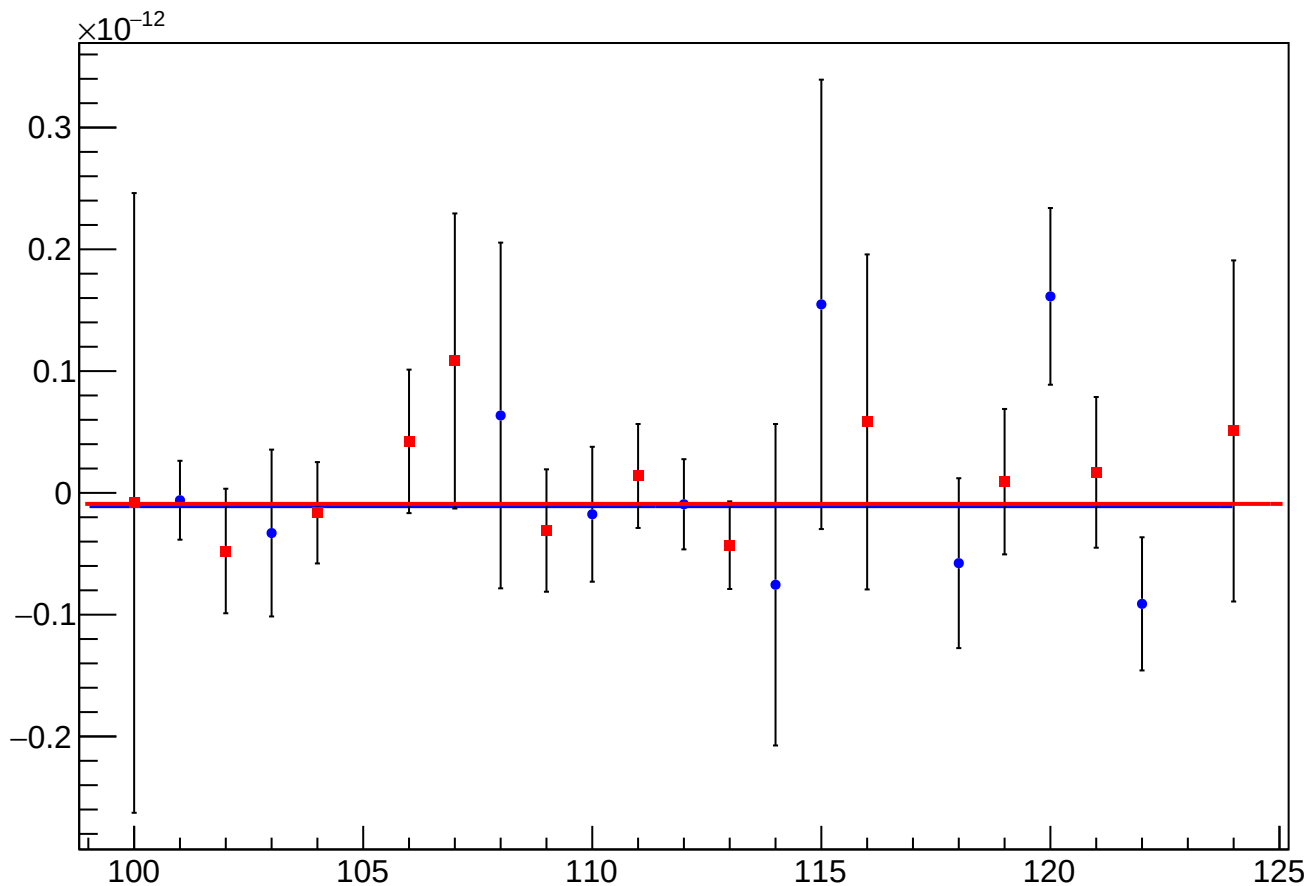
Right: 20.245+/-0.006 χ^2/NDF : 3980082.0/21

In: 21.347+/-0.009 χ^2/NDF : 2042253.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.245+/-0.006 χ^2/NDF : 3980082.0/21

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

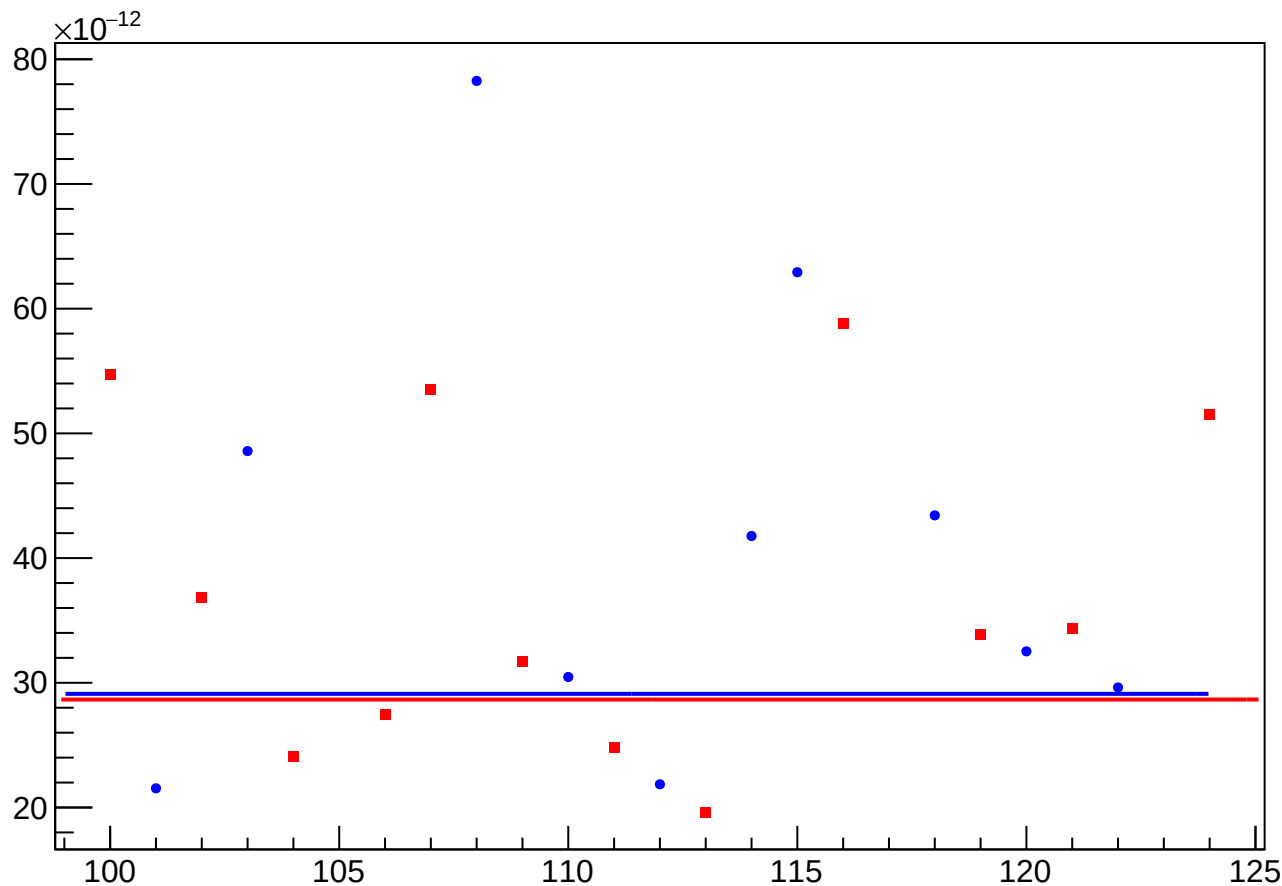
Right: -0.000+/-0.000 χ^2/NDF : 14.1/21

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 : 14.1/21

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 762927.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 513330.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

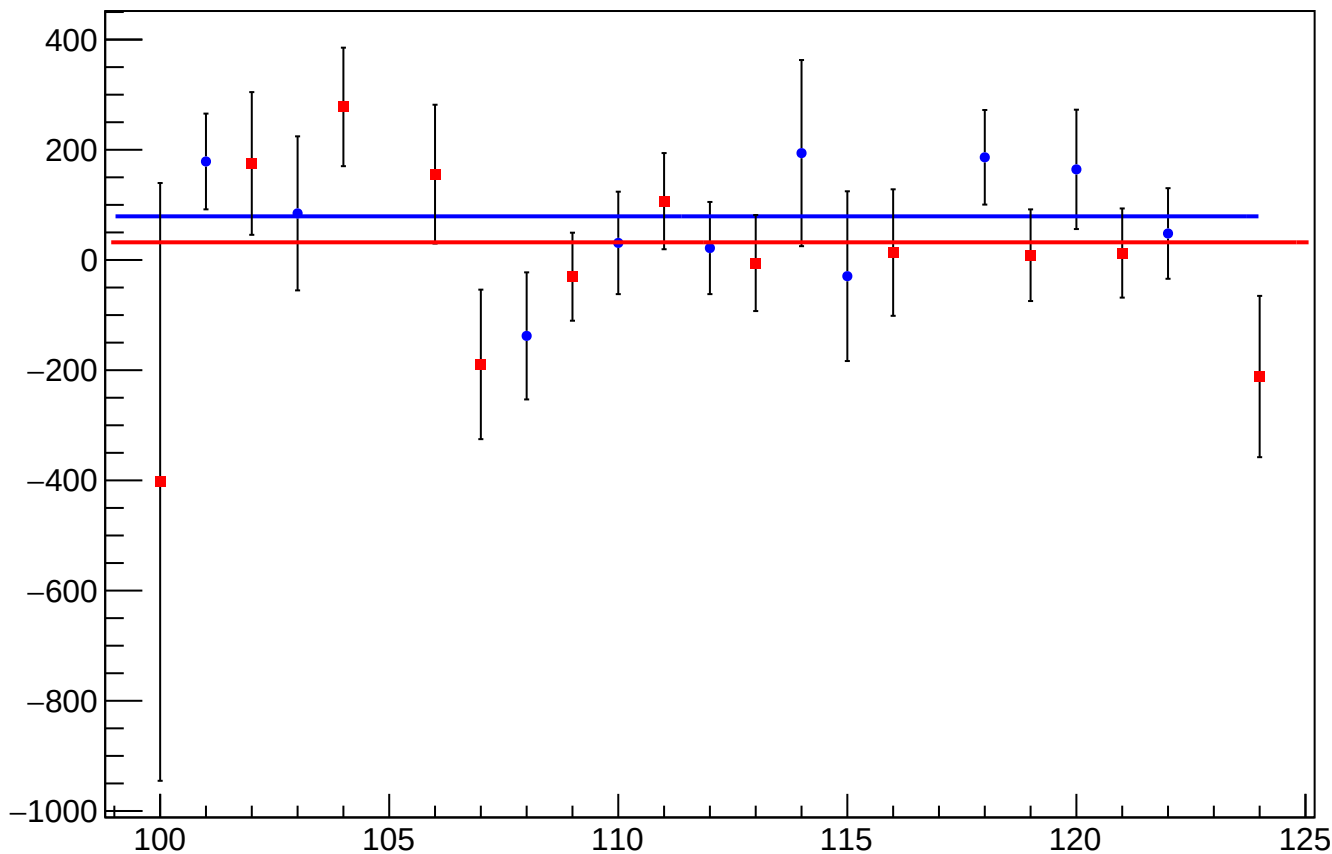
Right: 0.000+/-0.000 χ^2/NDF : 1276952.3/21

In: 0.000+/-0.000 χ^2/NDF : 762927.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1276952.3/21

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 79.209+/-32.213 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.067+/-30.062 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

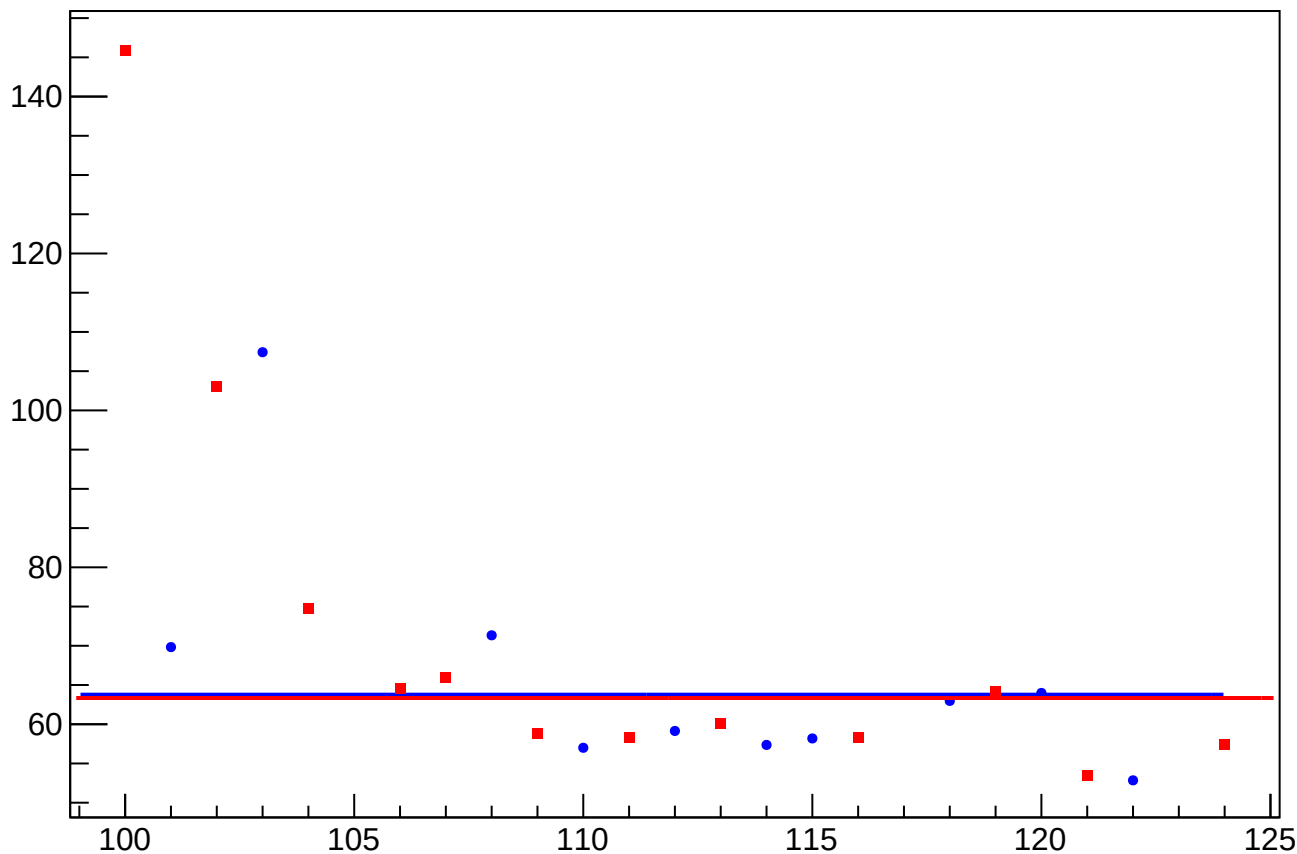
Right: 54.012+/-21.978 χ^2/NDF : 25.2/21

In: 79.209+/-32.213 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.012+/-21.978 χ^2/NDF : 25.2/21

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 63.766+/-0.023 χ^2/NDF : 271008.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.344+/-0.021 χ^2/NDF : 310945.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

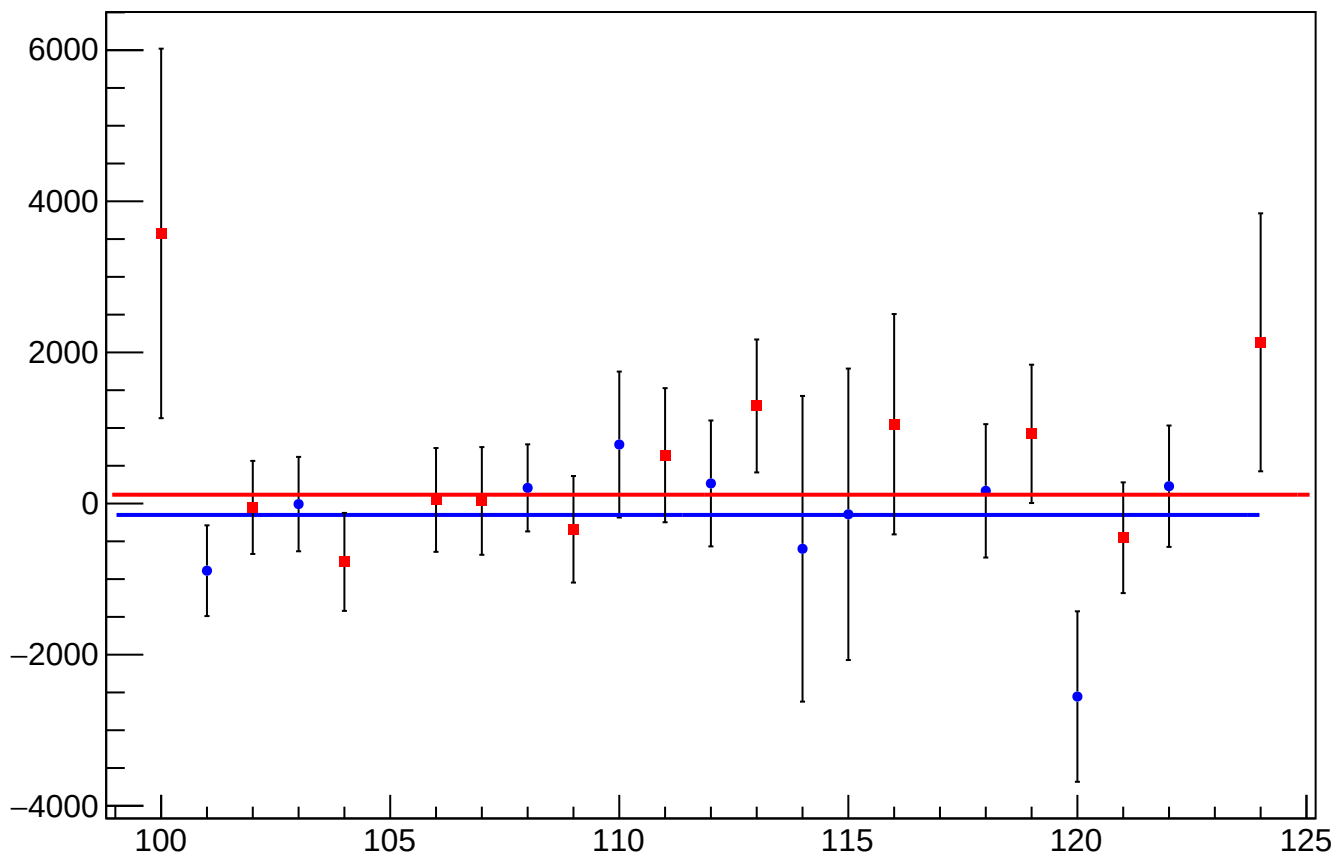
Right: 63.541+/-0.016 χ^2/NDF : 582137.2/21

In: 63.766+/-0.023 χ^2/NDF : 271008.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.541+/-0.016 χ^2/NDF : 582137.2/21

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -150.581+/-258.242 χ^2/NDF : 8.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.052+/-237.601 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

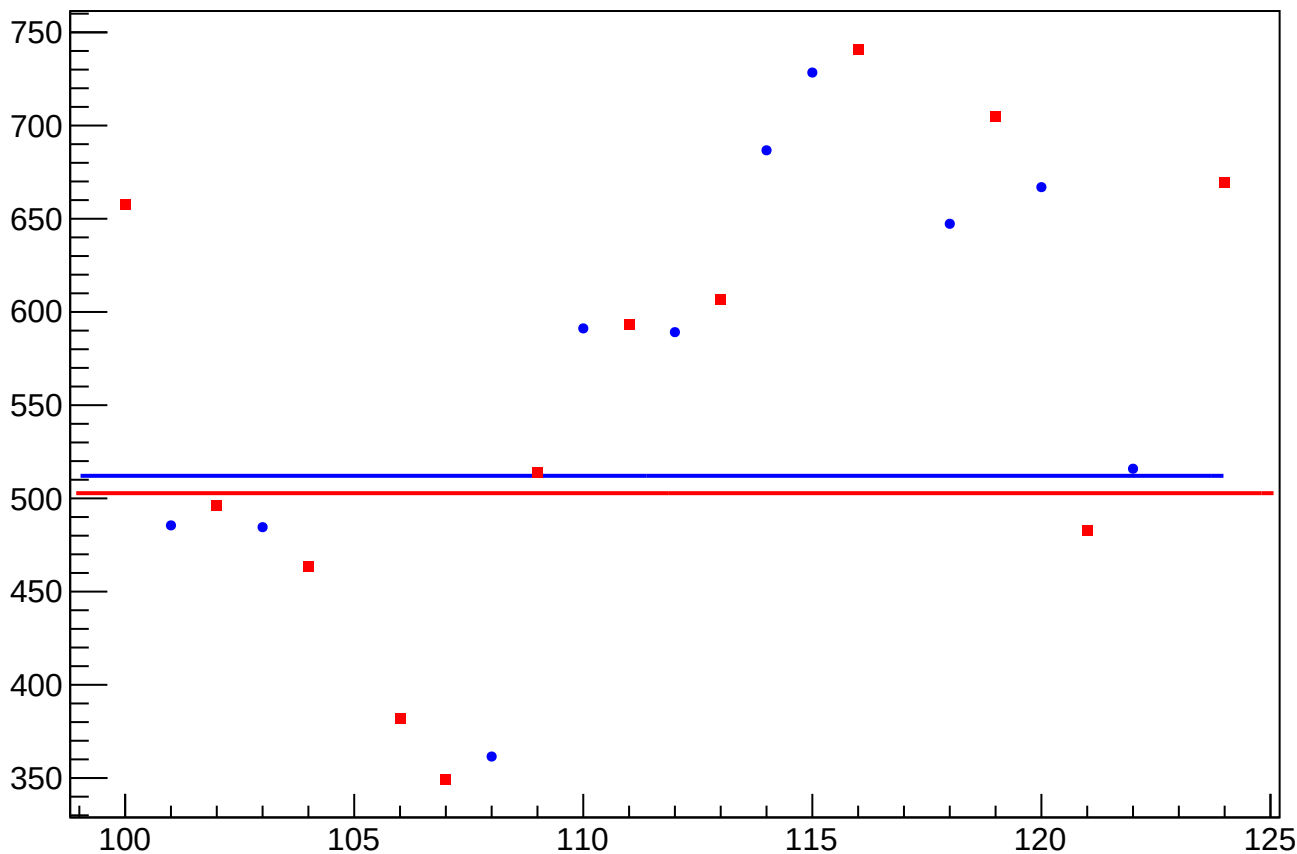
Right: -5.642+/-174.852 χ^2/NDF : 18.4/21

In: -150.581+/-258.242 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.642+/-174.852 χ^2/NDF : 18.4/21

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 512.109+/-0.183 χ^2/NDF : 299586.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 502.796+/-0.168 χ^2/NDF : 391012.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

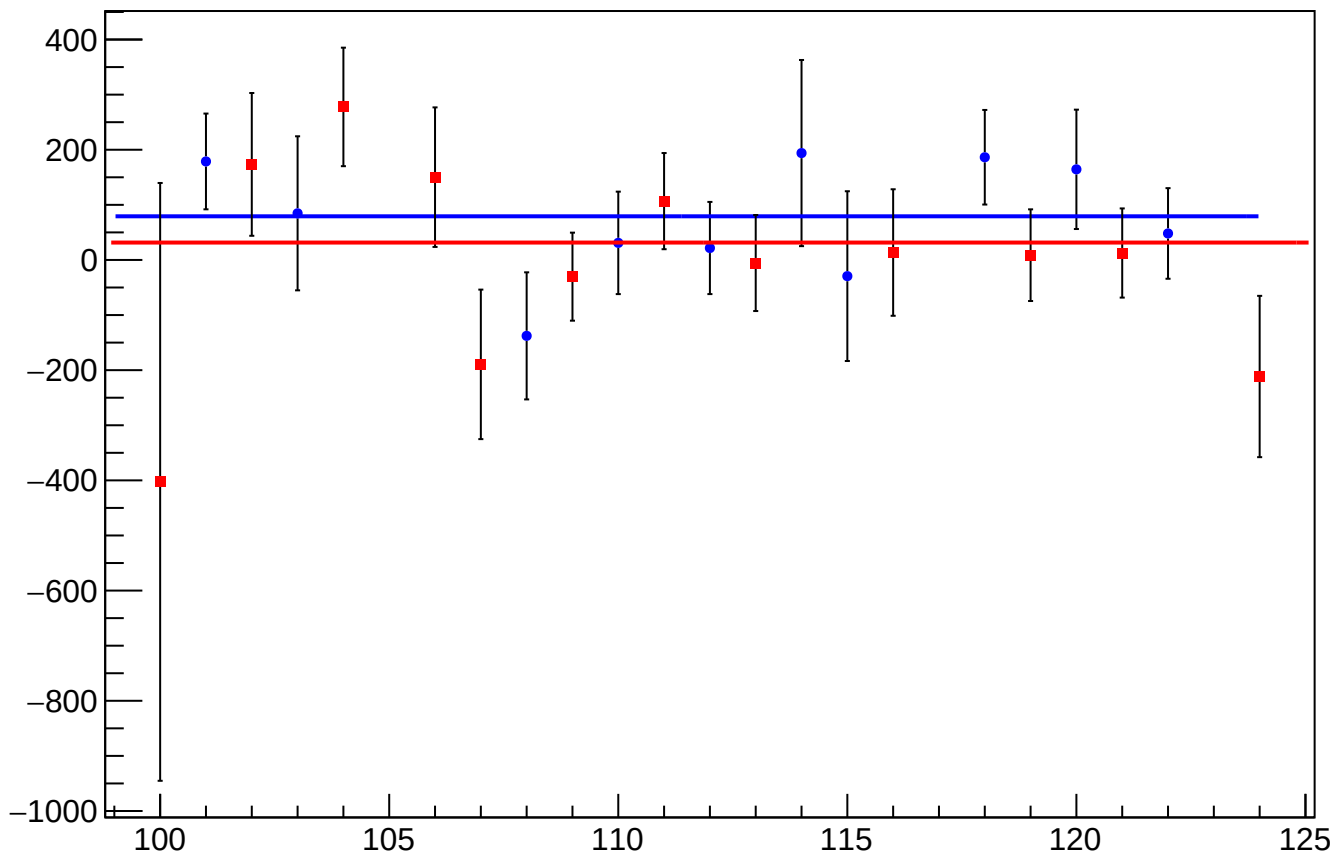
Right: 507.065+/-0.124 χ^2/NDF : 692007.4/21

In: 512.109+/-0.183 χ^2/NDF : 299586.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.065+/-0.124 χ^2/NDF : 692007.4/21

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 79.210 $\pm$ 32.213 χ^2 /NDF: 8.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.569 $\pm$ 30.072 χ^2 /NDF: 15.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

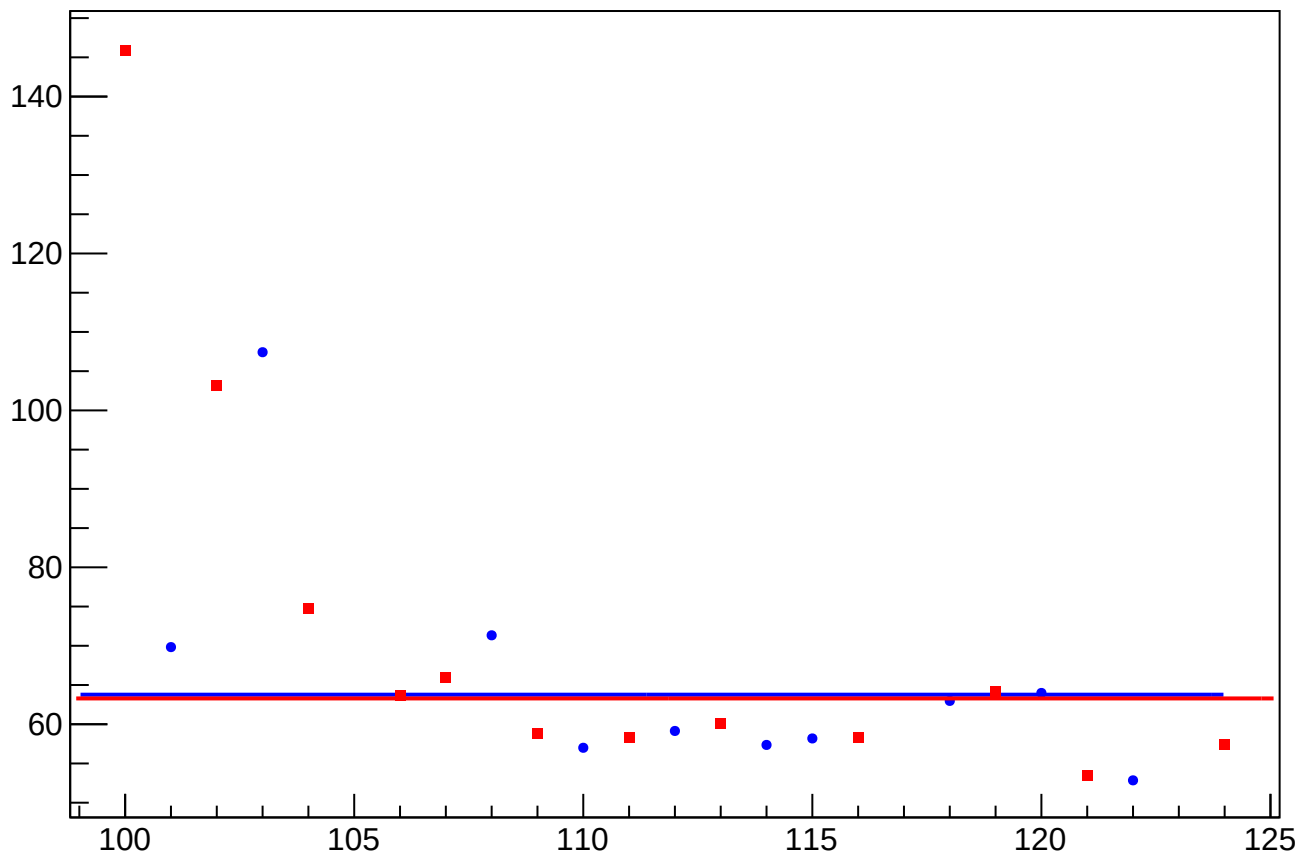
Right: 53.754 $\pm$ 21.982 χ^2 /NDF: 25.1/21

In: 79.210 $\pm$ 32.213 χ^2 /NDF: 8.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.754 $\pm$ 21.982 χ^2 /NDF: 25.1/21

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 63.766+/-0.023 χ^2/NDF : 271010.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.288+/-0.021 χ^2/NDF : 310973.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

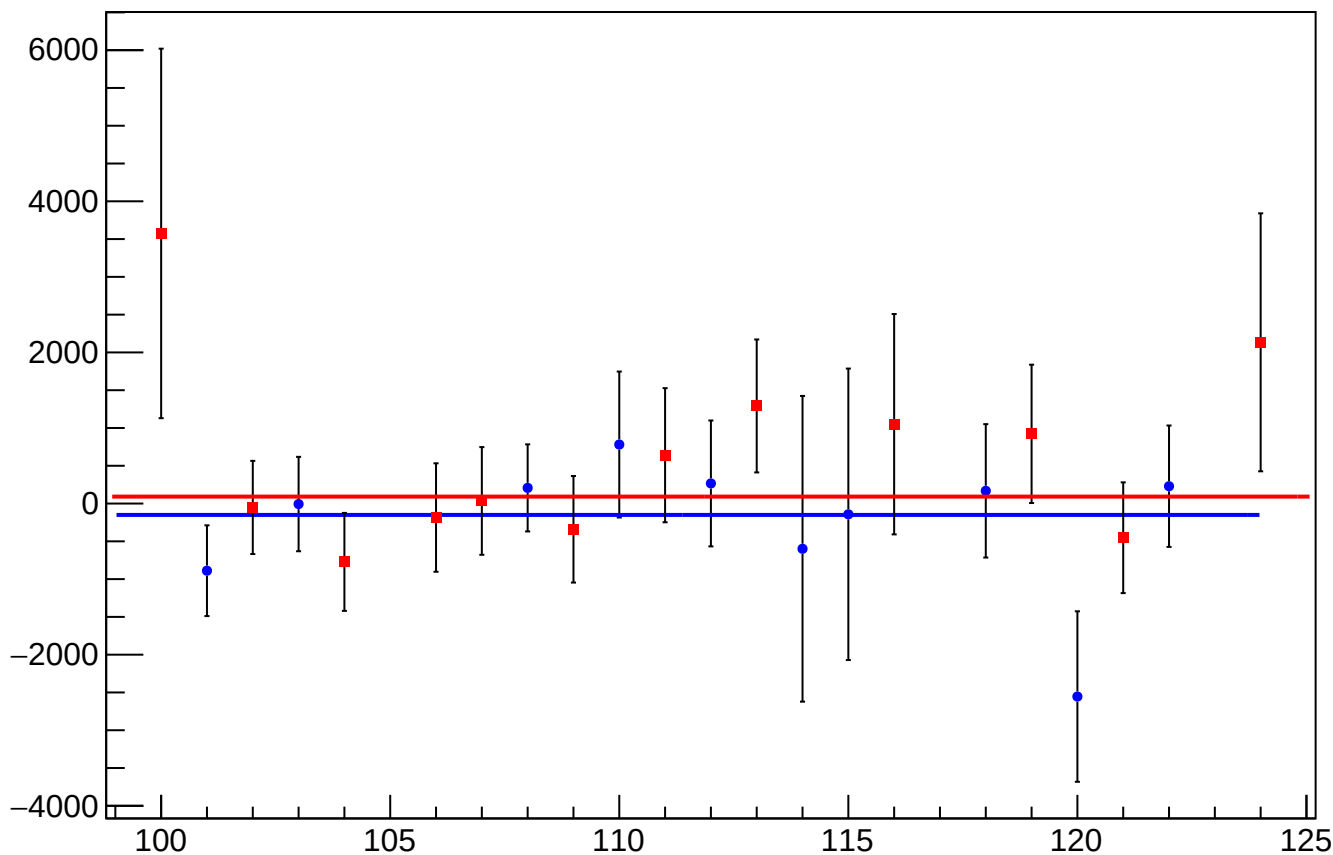
Right: 63.511+/-0.016 χ^2/NDF : 582219.2/21

In: 63.766+/-0.023 χ^2/NDF : 271010.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.511+/-0.016 χ^2/NDF : 582219.2/21

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -150.499+/-258.245 χ^2 /NDF: 8.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 92.038+/-238.840 χ^2 /NDF: 9.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

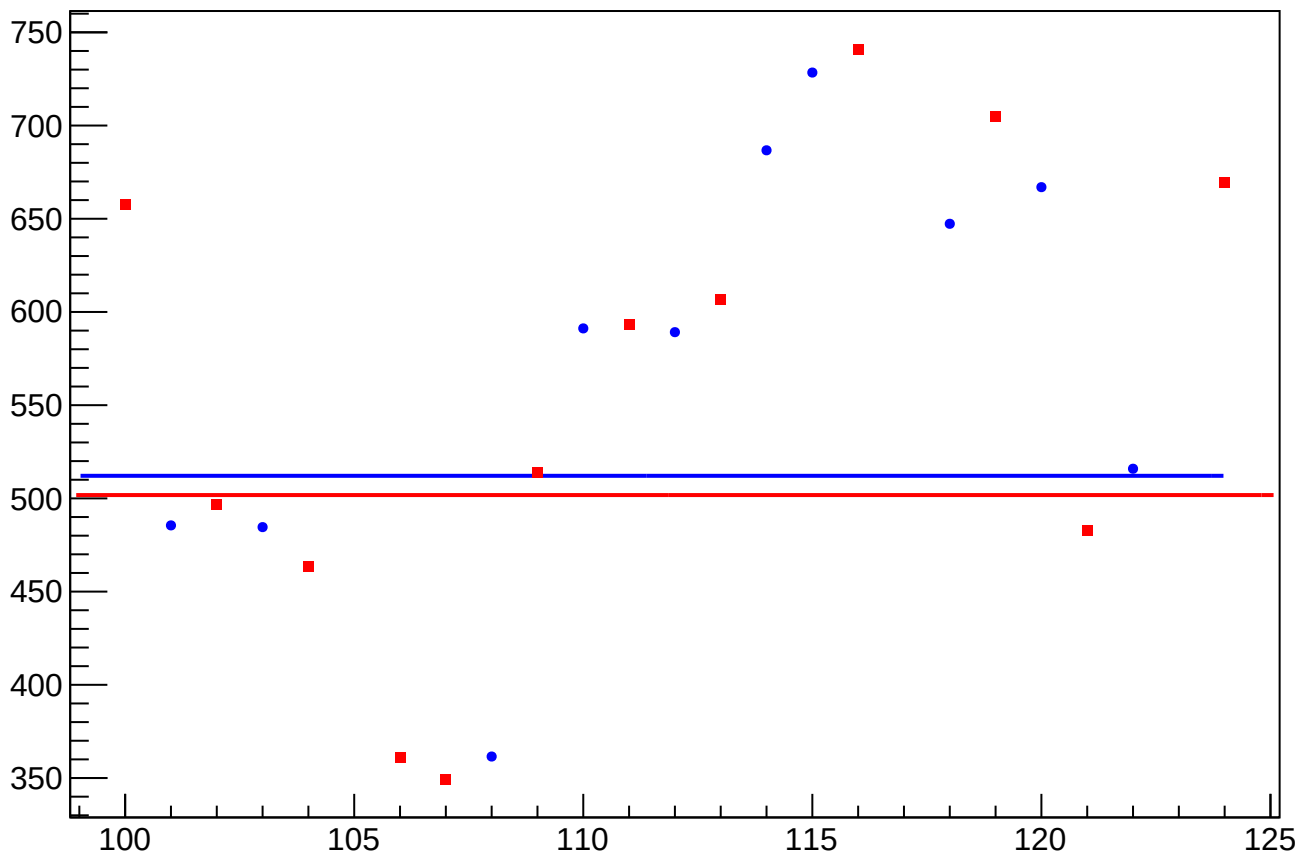
Right: -19.777+/-175.345 χ^2 /NDF: 18.4/21

In: -150.499+/-258.245 χ^2 /NDF:8.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -19.777+/-175.345 χ^2 /NDF: 18.4/21

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 512.115+/-0.183 χ^2/NDF : 299577.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.784+/-0.169 χ^2/NDF : 407082.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

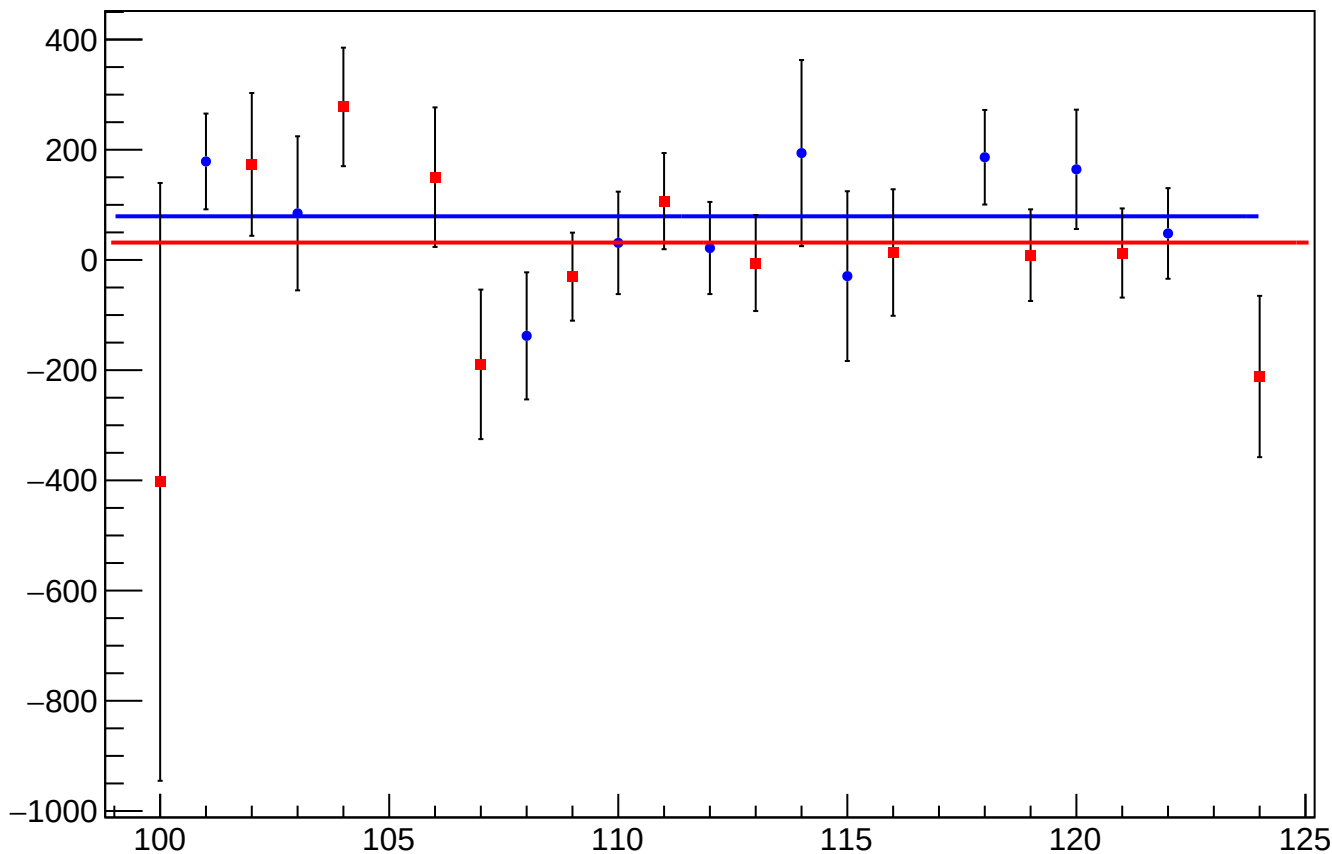
Right: 506.547+/-0.124 χ^2/NDF : 708384.5/21

In: 512.115+/-0.183 χ^2/NDF : 299577.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.547+/-0.124 χ^2/NDF : 708384.5/21

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 79.210+/-32.213 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.569+/-30.072 χ^2/NDF : 15.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

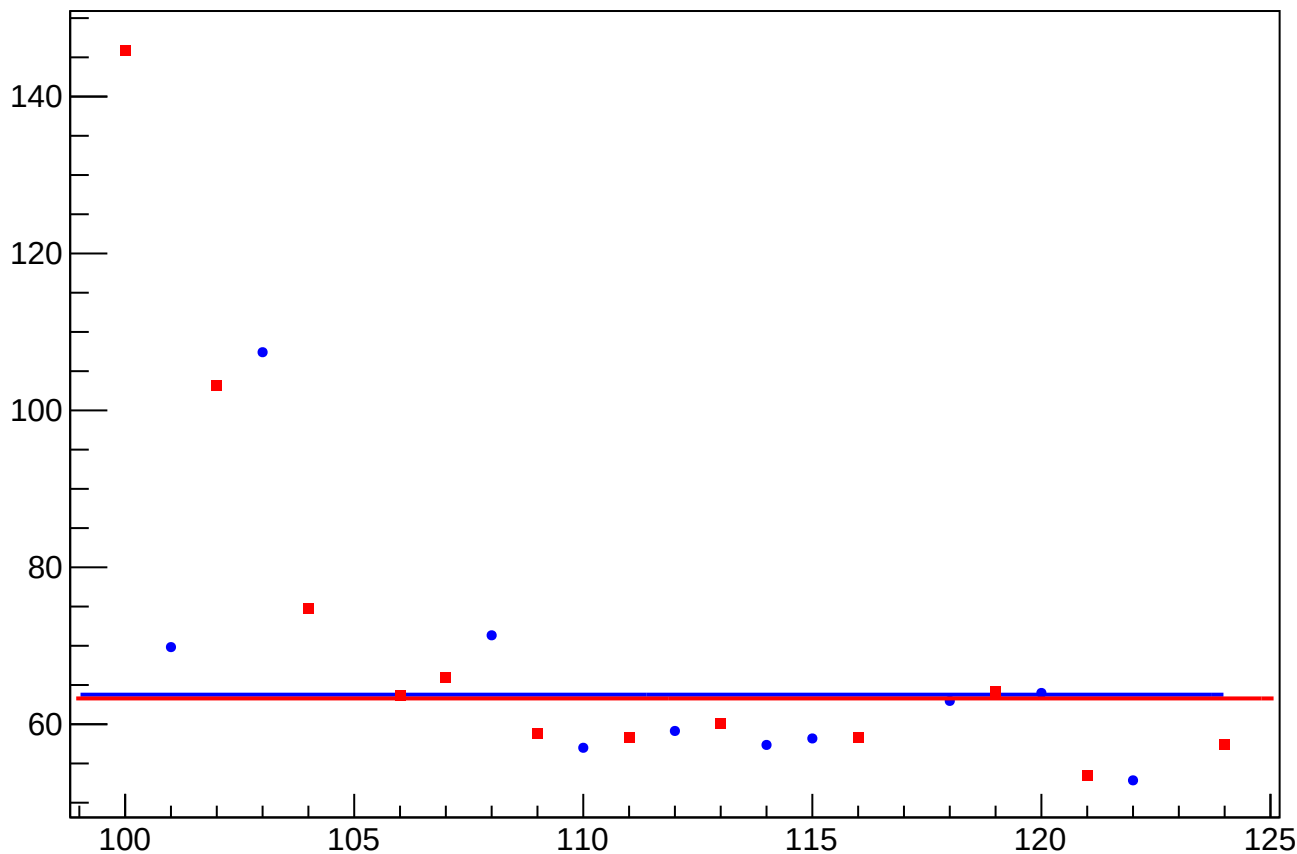
Right: 53.754+/-21.982 χ^2/NDF : 25.1/21

In: 79.210+/-32.213 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.754+/-21.982 χ^2/NDF : 25.1/21

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 63.766 $\pm$ 0.023 χ^2 /NDF: 271010.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.288 $\pm$ 0.021 χ^2 /NDF: 310973.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

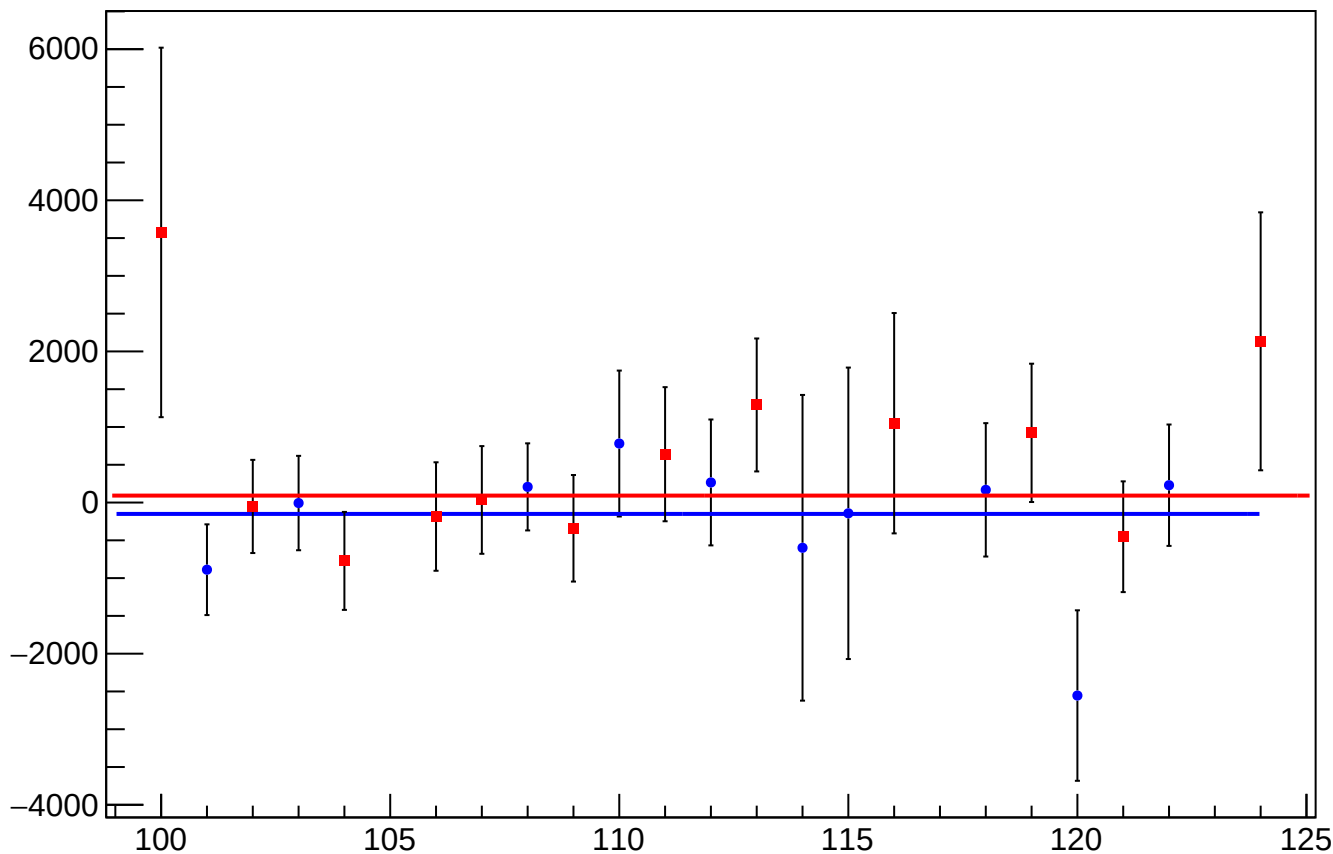
Right: 63.511 $\pm$ 0.016 χ^2 /NDF: 582219.2/21

In: 63.766 $\pm$ 0.023 χ^2 /NDF:271010.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.511 $\pm$ 0.016 χ^2 /NDF: 582219.2/21

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -150.499+/-258.245 χ^2 /NDF: 8.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 92.038+/-238.840 χ^2 /NDF: 9.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

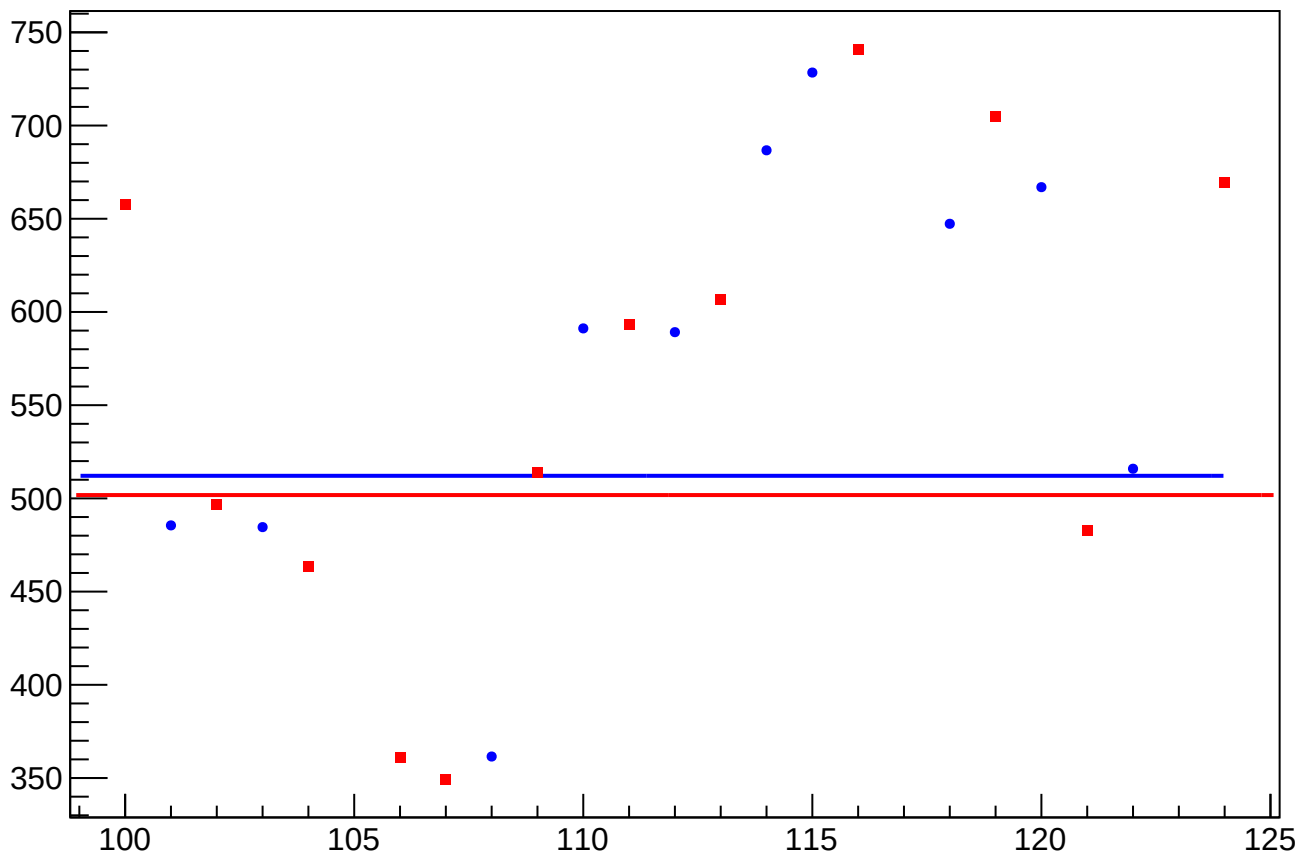
Right: -19.777+/-175.345 χ^2 /NDF: 18.4/21

In: -150.499+/-258.245 χ^2 /NDF:8.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -19.777+/-175.345 χ^2 /NDF: 18.4/21

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 512.115+/-0.183 χ^2/NDF : 299577.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.784+/-0.169 χ^2/NDF : 407082.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

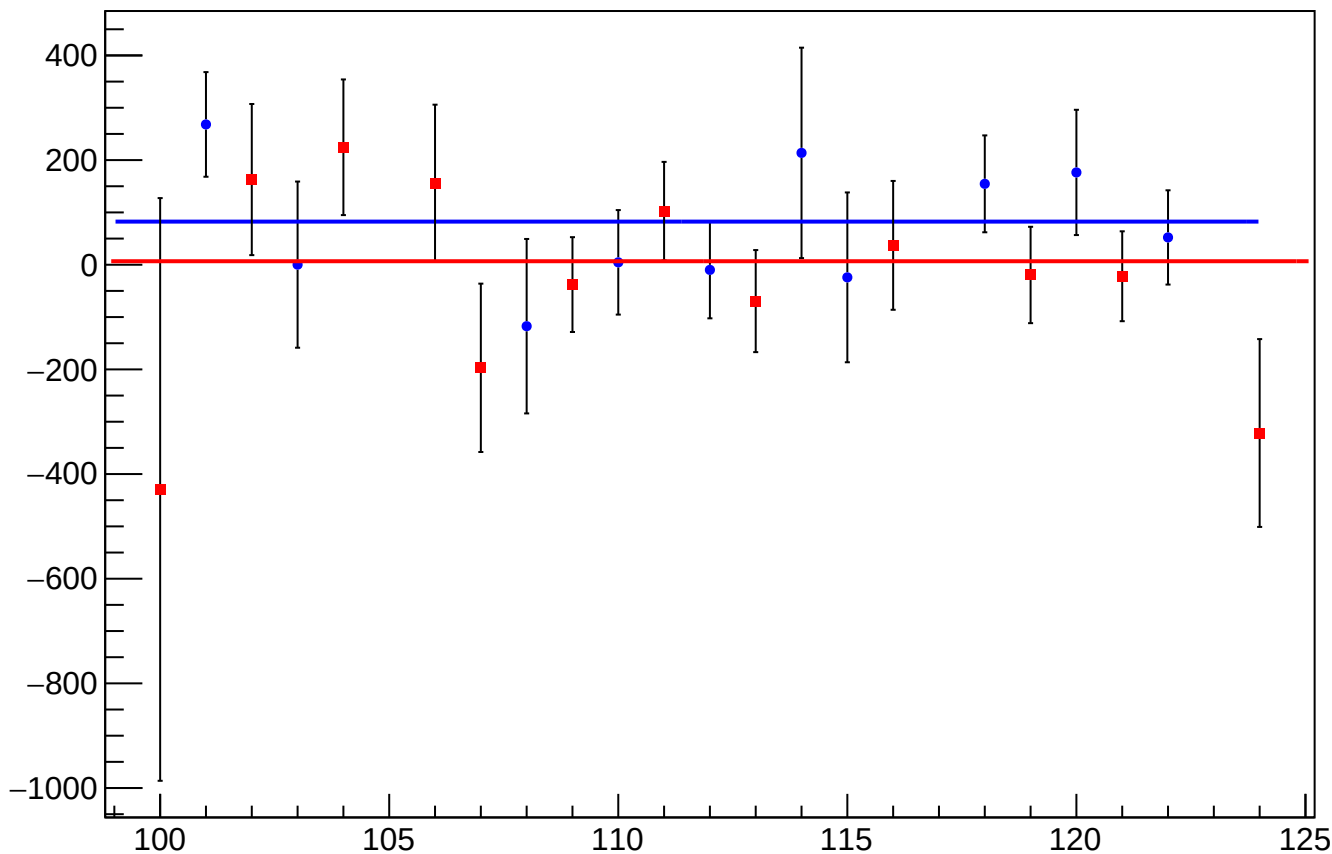
Right: 506.547+/-0.124 χ^2/NDF : 708384.5/21

In: 512.115+/-0.183 χ^2/NDF : 299577.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.547+/-0.124 χ^2/NDF : 708384.5/21

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 82.443 $\pm$ 36.154 χ^2 /NDF: 9.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.721 $\pm$ 33.630 χ^2 /NDF: 12.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

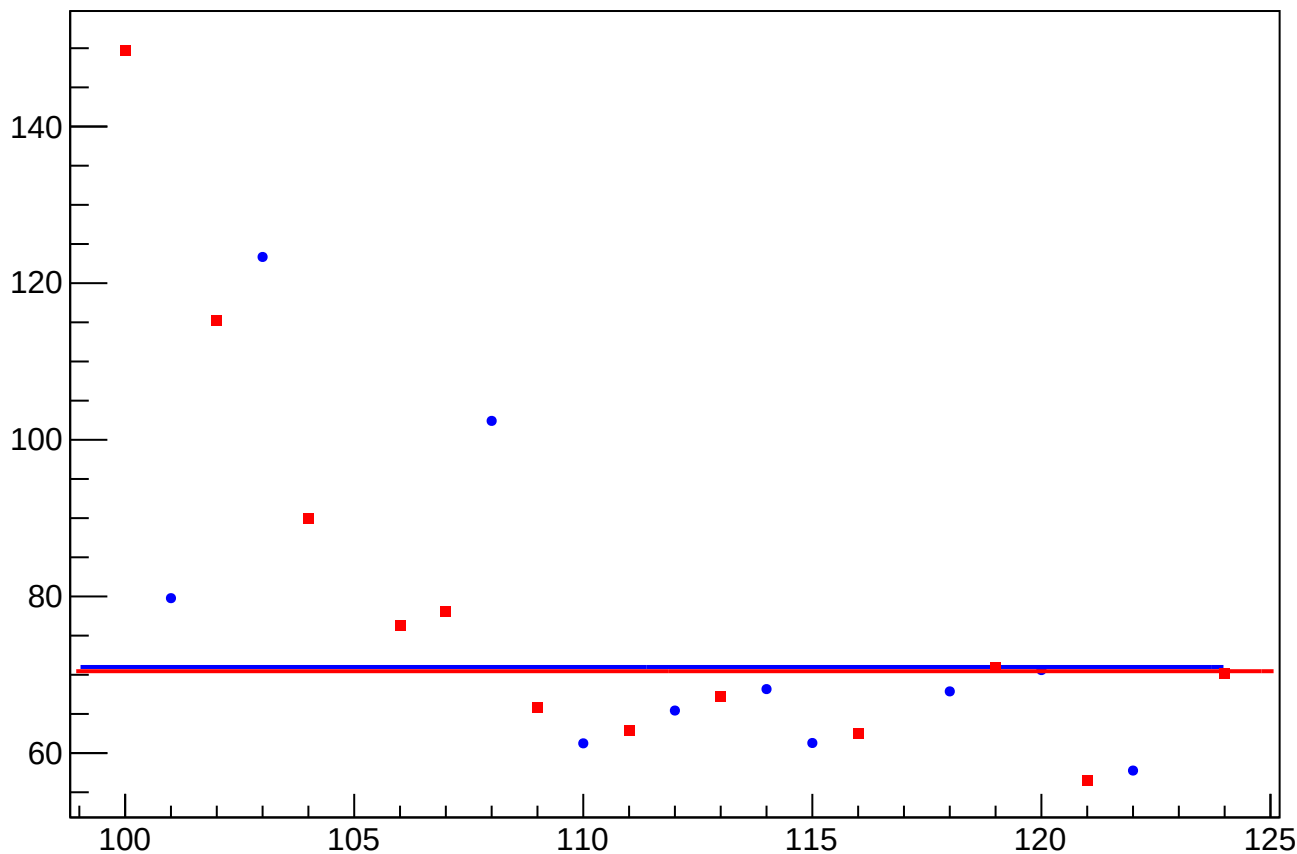
Right: 41.847 $\pm$ 24.624 χ^2 /NDF: 24.0/21

In: 82.443 $\pm$ 36.154 χ^2 /NDF:9.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.847 $\pm$ 24.624 χ^2 /NDF: 24.0/21

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 70.996 $\pm$ 0.026 χ^2 /NDF: 383125.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.456 $\pm$ 0.024 χ^2 /NDF: 367192.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

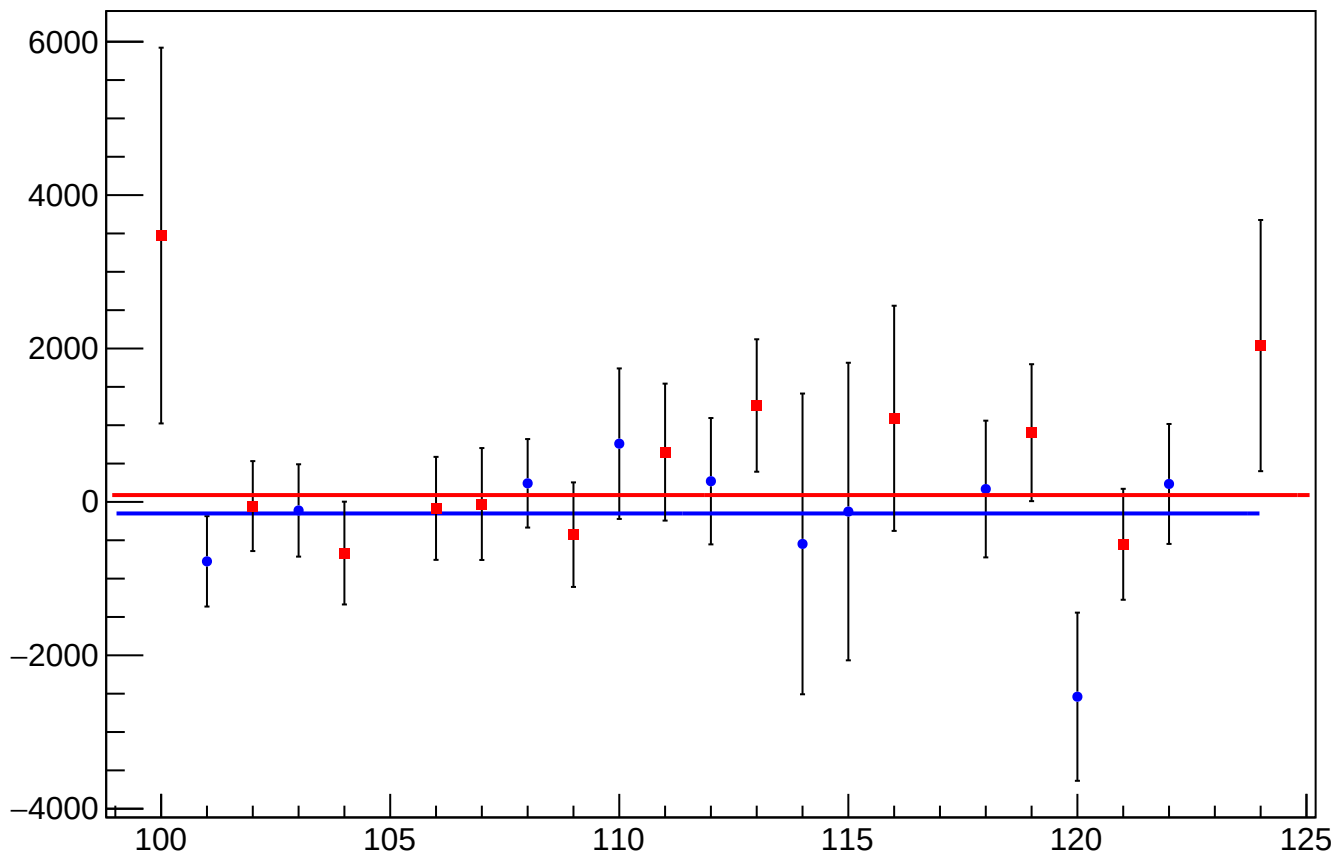
Right: 70.706 $\pm$ 0.017 χ^2 /NDF: 750556.9/21

In: 70.996 $\pm$ 0.026 χ^2 /NDF:383125.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.706 $\pm$ 0.017 χ^2 /NDF: 750556.9/21

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -150.438+/-254.761 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.327+/-234.710 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

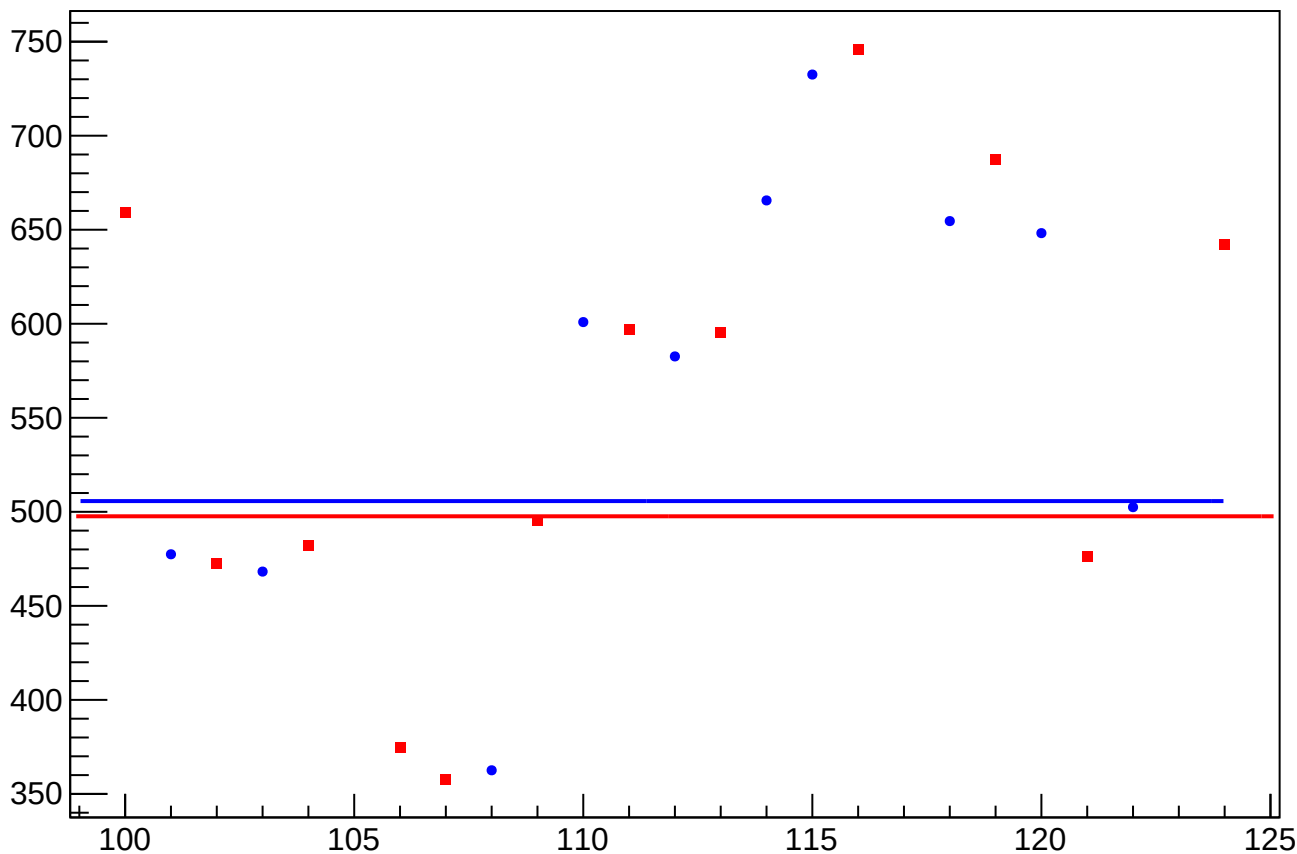
Right: -20.750+/-172.619 χ^2/NDF : 18.0/21

In: -150.438+/-254.761 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.750+/-172.619 χ^2/NDF : 18.0/21

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 505.711+/-0.180 χ^2/NDF : 301999.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 497.624+/-0.166 χ^2/NDF : 369592.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

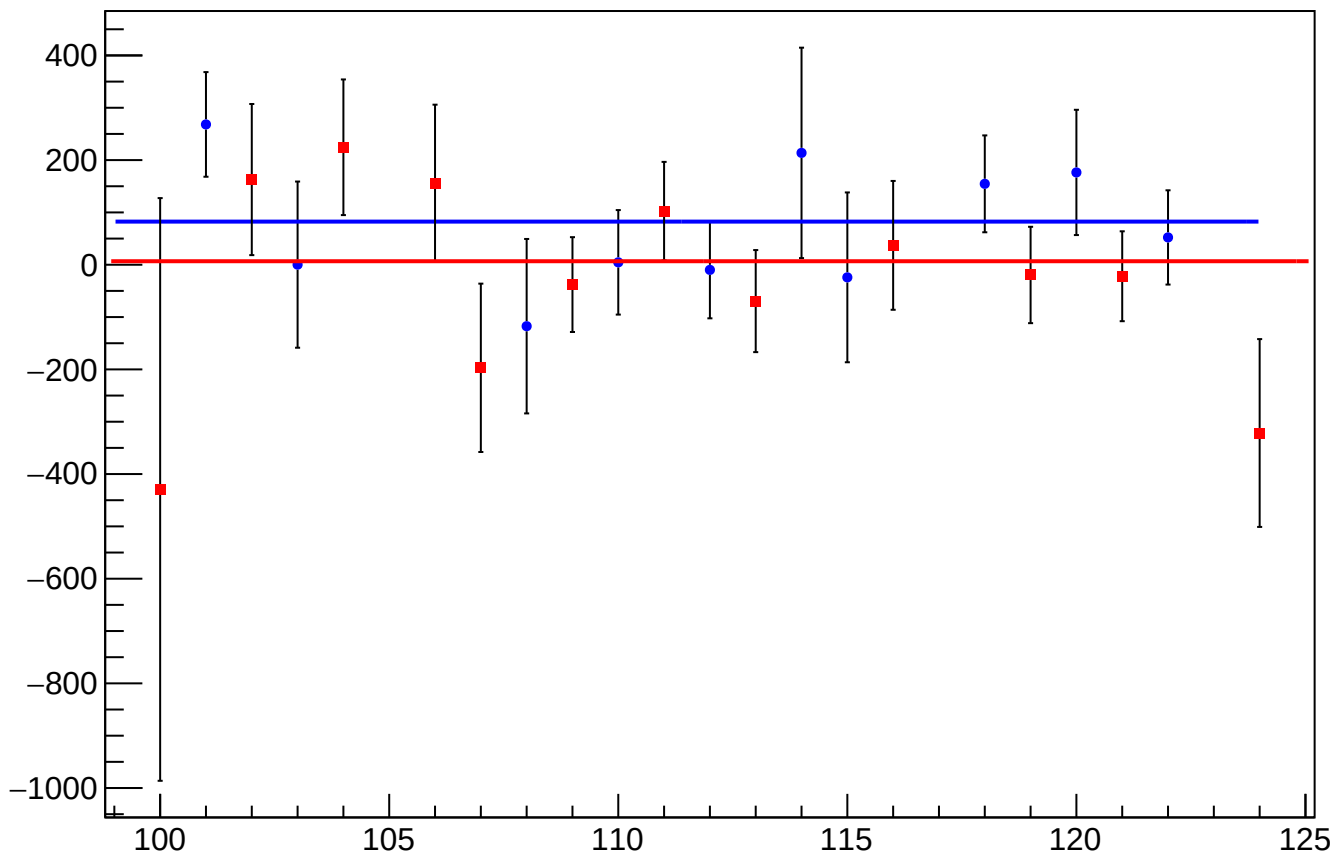
Right: 501.337+/-0.122 χ^2/NDF : 672682.6/21

In: 505.711+/-0.180 χ^2/NDF : 301999.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.337+/-0.122 χ^2/NDF : 672682.6/21

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 82.444+/-36.154 χ^2/NDF : 9.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.721+/-33.630 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

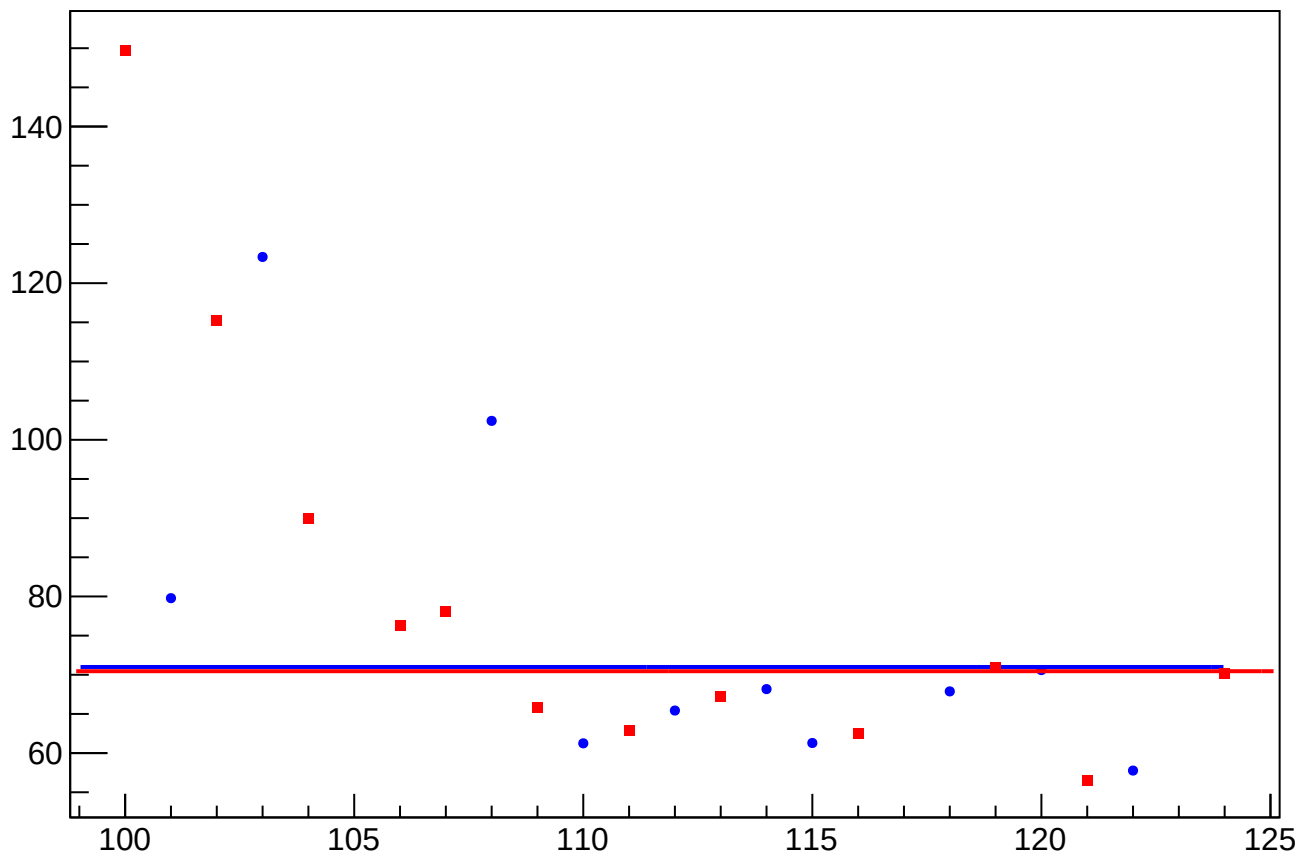
Right: 41.847+/-24.624 χ^2/NDF : 24.0/21

In: 82.444+/-36.154 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.847+/-24.624 χ^2/NDF : 24.0/21

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 70.996+/-0.026 χ^2/NDF : 383130.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.456+/-0.024 χ^2/NDF : 367191.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

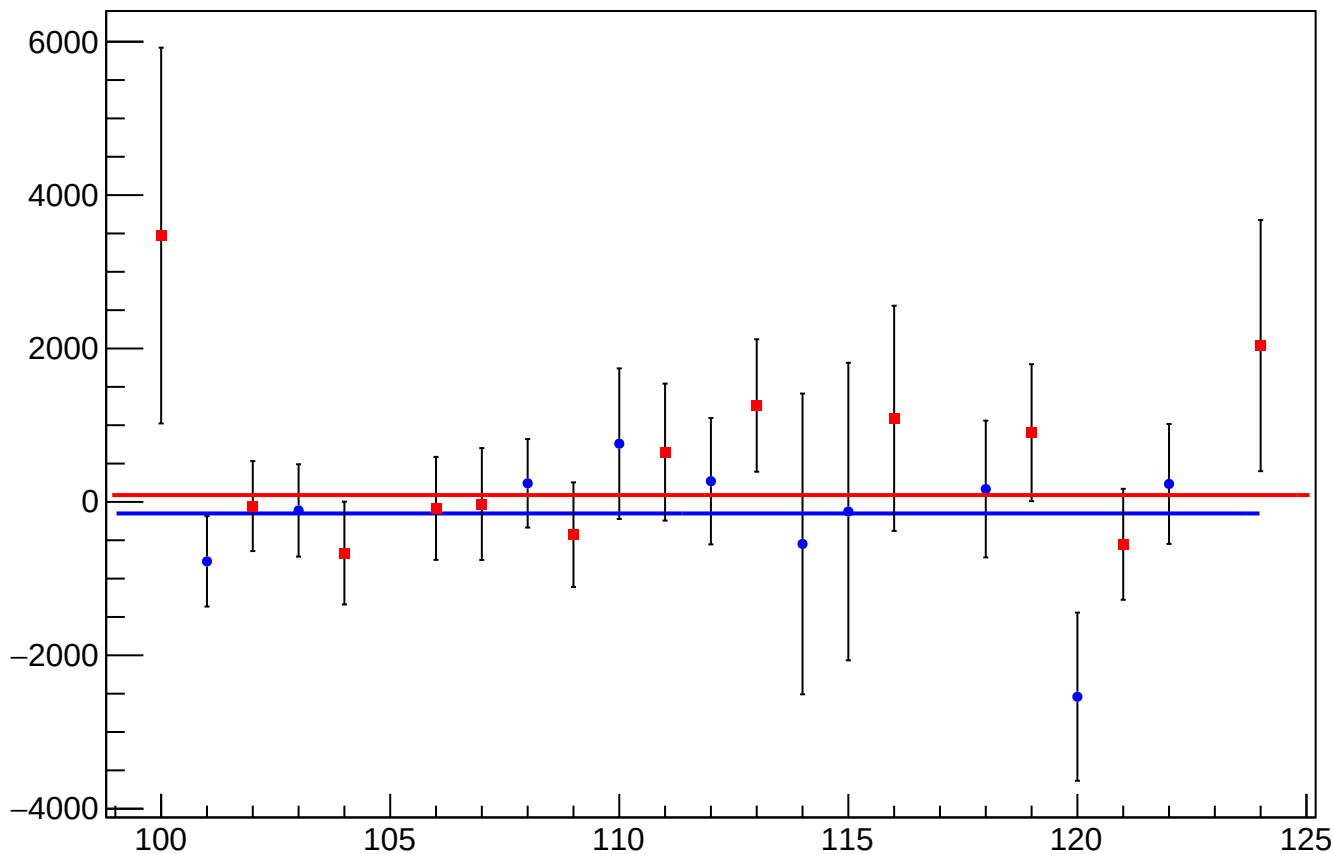
Right: 70.706+/-0.017 χ^2/NDF : 750560.2/21

In: 70.996+/-0.026 χ^2/NDF : 383130.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.706+/-0.017 χ^2/NDF : 750560.2/21

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -150.437+/-254.761 χ^2 /NDF: 7.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 89.325+/-234.710 χ^2 /NDF: 9.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

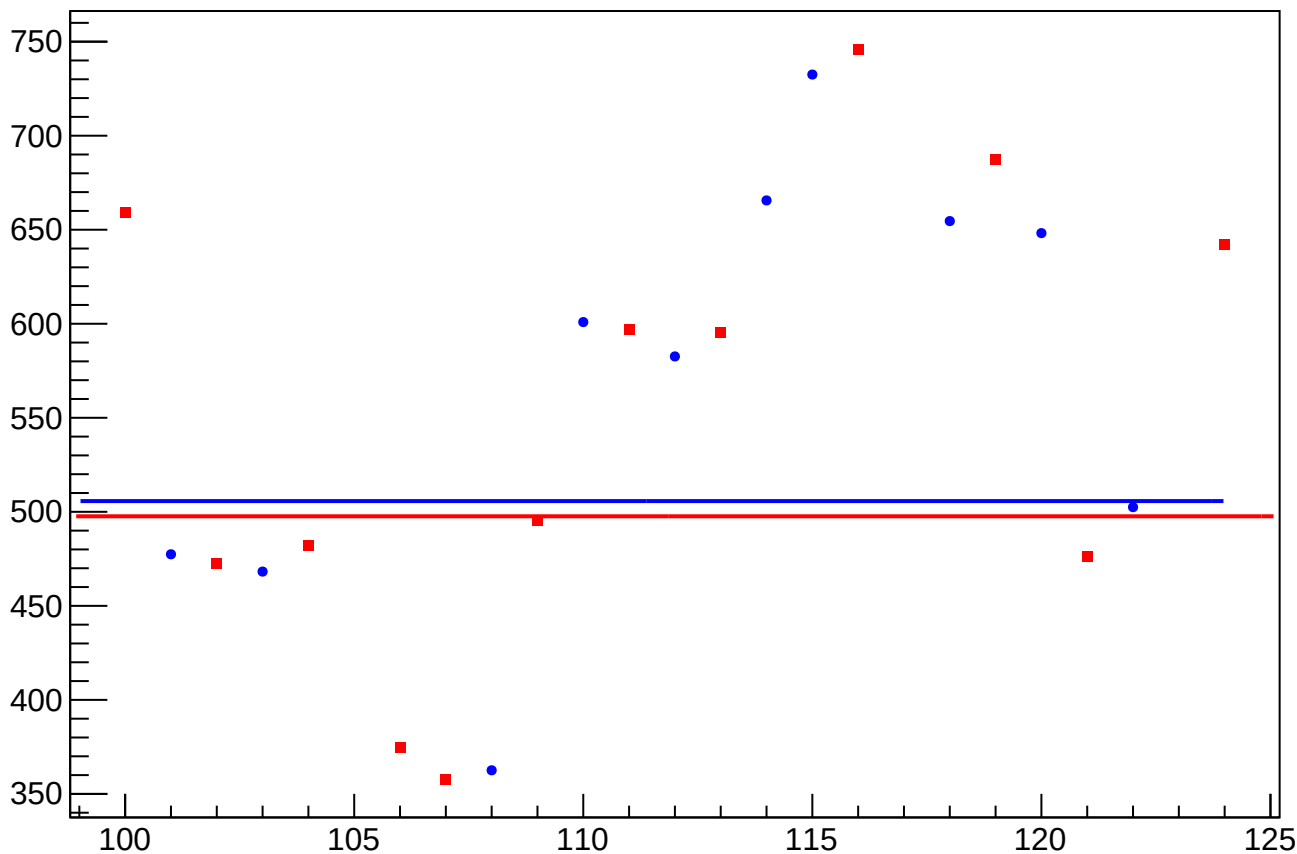
Right: -20.751+/-172.619 χ^2 /NDF: 18.0/21

In: -150.437+/-254.761 χ^2 /NDF:7.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -20.751+/-172.619 χ^2 /NDF: 18.0/21

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 505.710+/-0.180 χ^2/NDF : 302003.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 497.623+/-0.166 χ^2/NDF : 369594.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

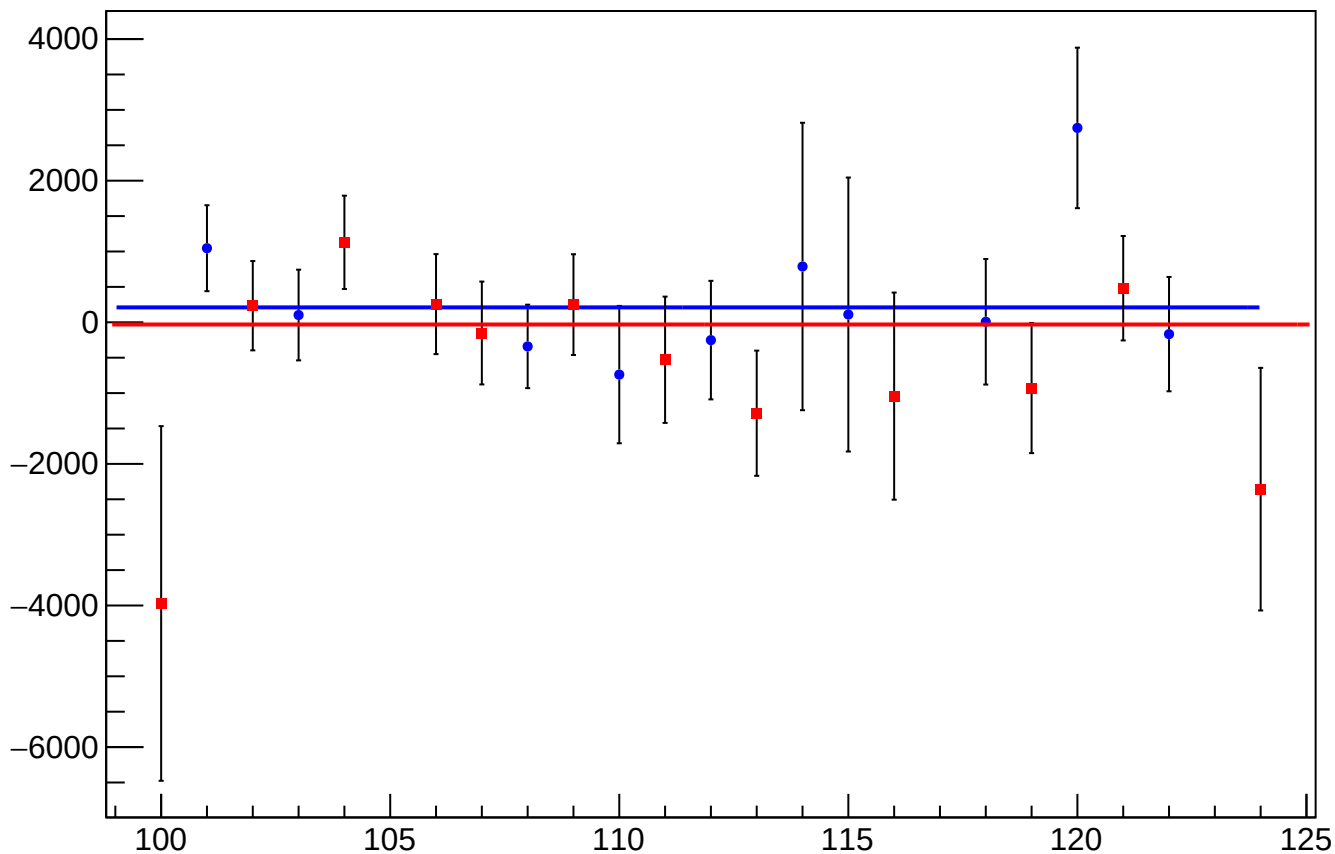
Right: 501.336+/-0.122 χ^2/NDF : 672688.3/21

In: 505.710+/-0.180 χ^2/NDF : 302003.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.336+/-0.122 χ^2/NDF : 672688.3/21

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 210.332 $\pm$ 261.609 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.113 $\pm$ 240.985 χ^2 /NDF: 12.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

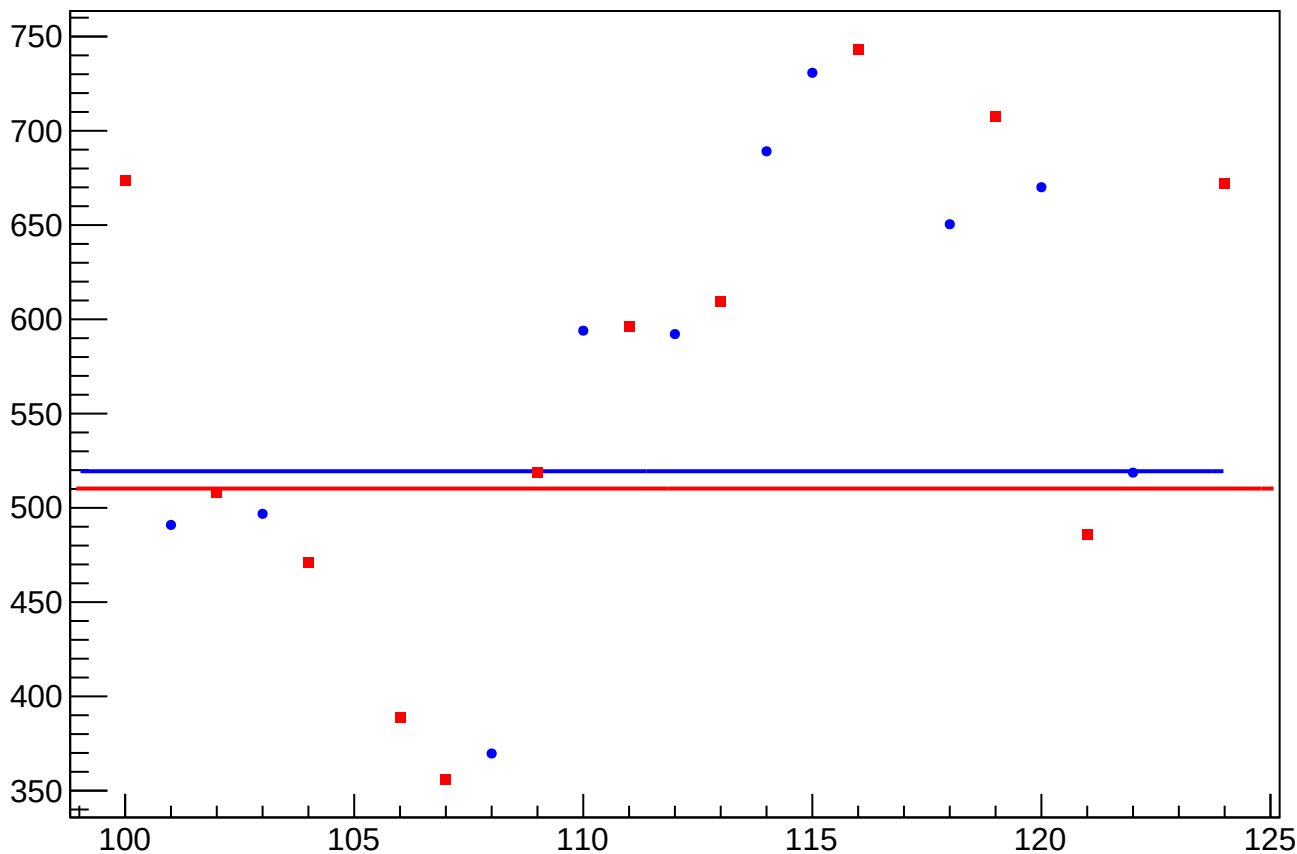
Right: 79.719 $\pm$ 177.245 χ^2 /NDF: 22.1/21

In: 210.332 $\pm$ 261.609 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.719 $\pm$ 177.245 χ^2 /NDF: 22.1/21

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 519.422 $\pm$ 0.185 χ^2 /NDF: 279701.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 510.235 $\pm$ 0.170 χ^2 /NDF: 372262.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

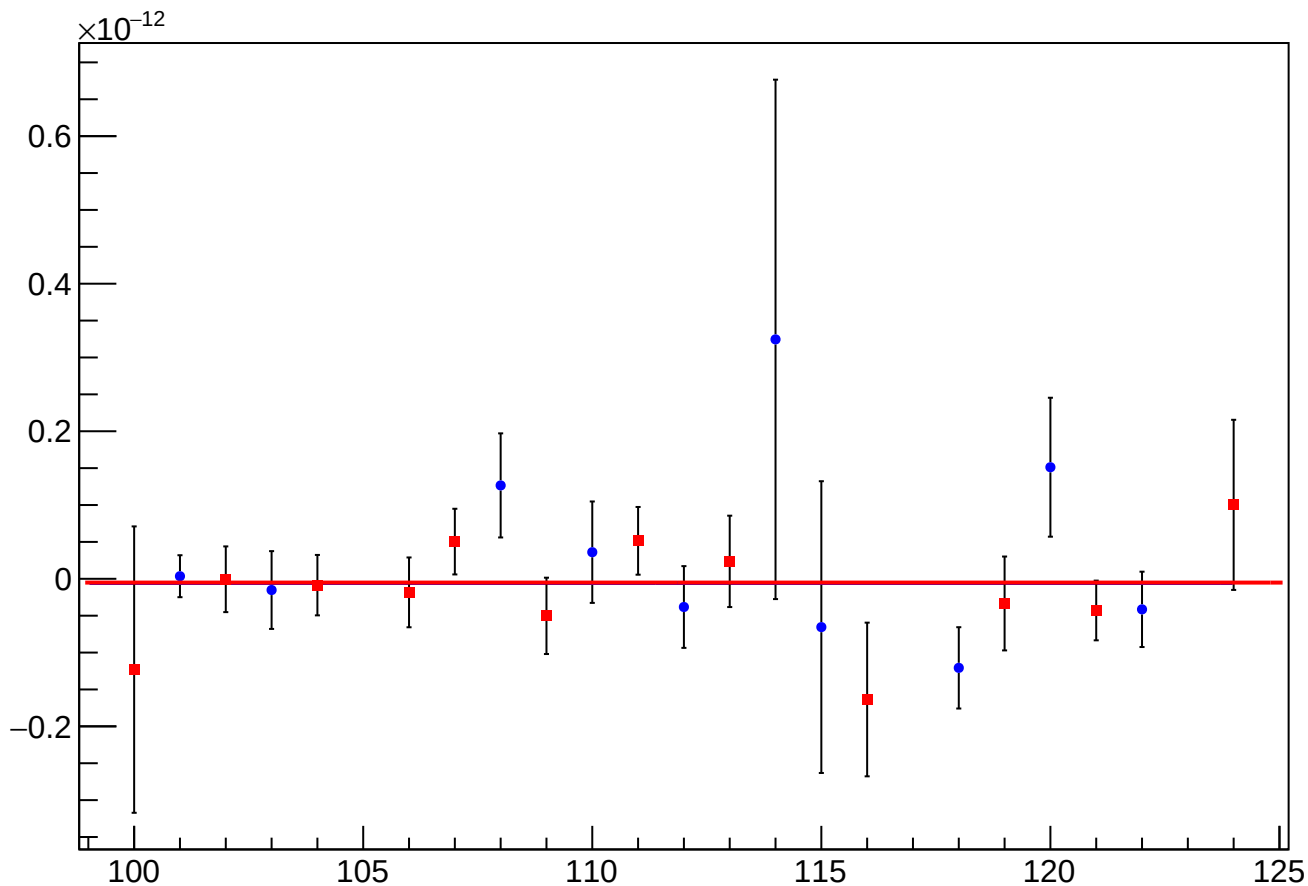
Right: 514.452 $\pm$ 0.125 χ^2 /NDF: 653297.5/21

In: 519.422 $\pm$ 0.185 χ^2 /NDF:279701.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 514.452 $\pm$ 0.125 χ^2 /NDF: 653297.5/21

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

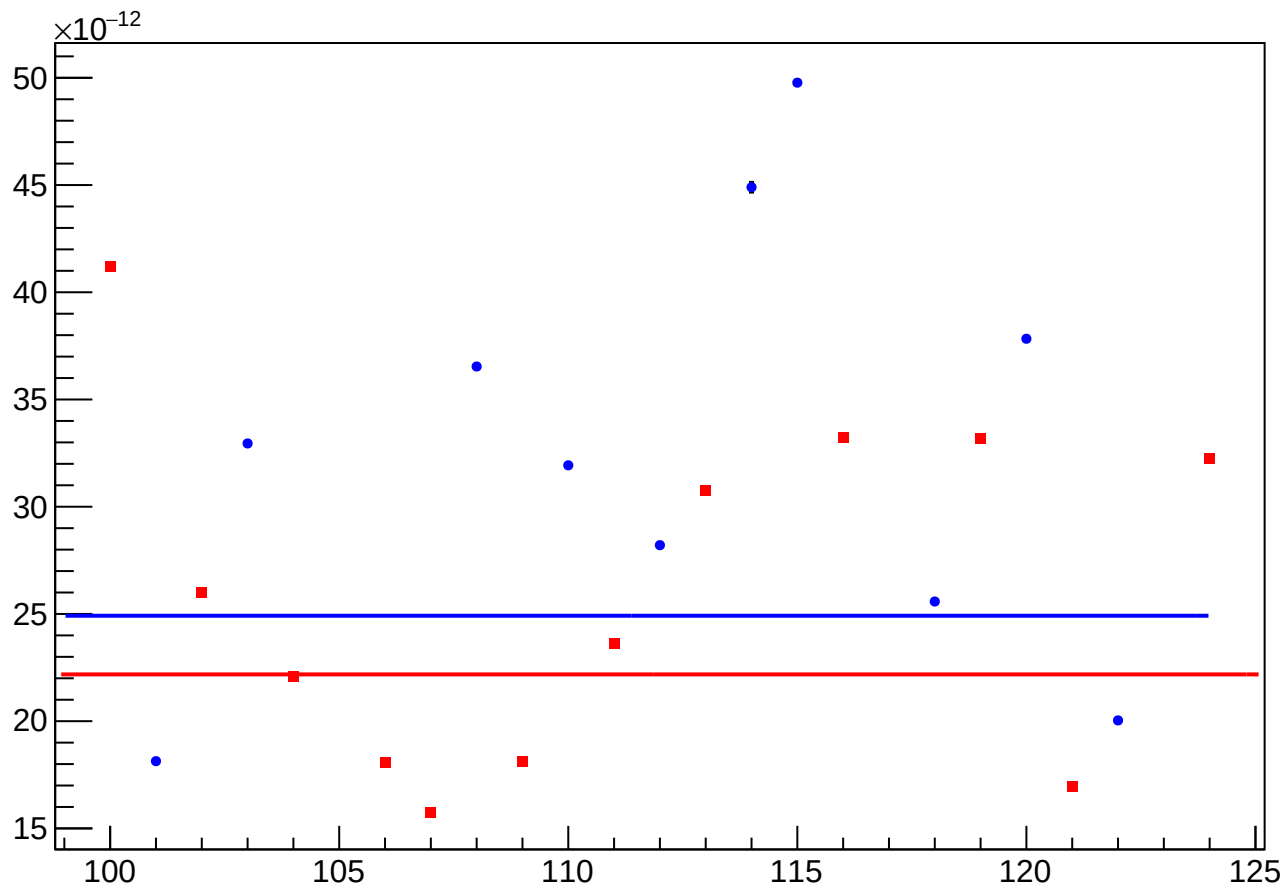
Right: -0.000+/-0.000 χ^2/NDF : 21.7/21

In: -0.000+/-0.000 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.7/21

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 336480.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 274740.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

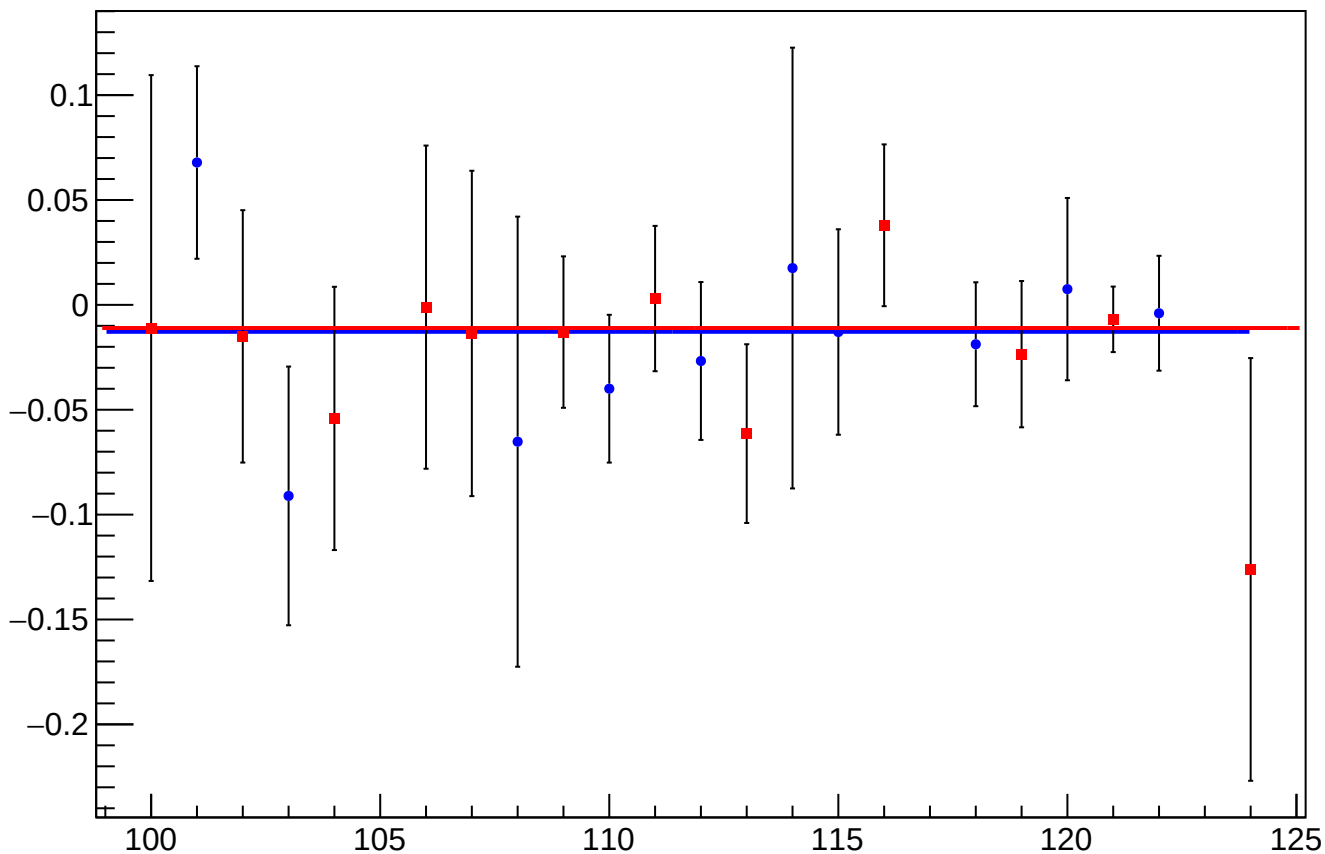
Right: 0.000+/-0.000 χ^2/NDF : 638406.4/21

In: 0.000+/-0.000 χ^2/NDF : 336480.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 638406.4/21

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.013 χ^2 /NDF: 6.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.011+/-0.011 χ^2 /NDF: 5.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

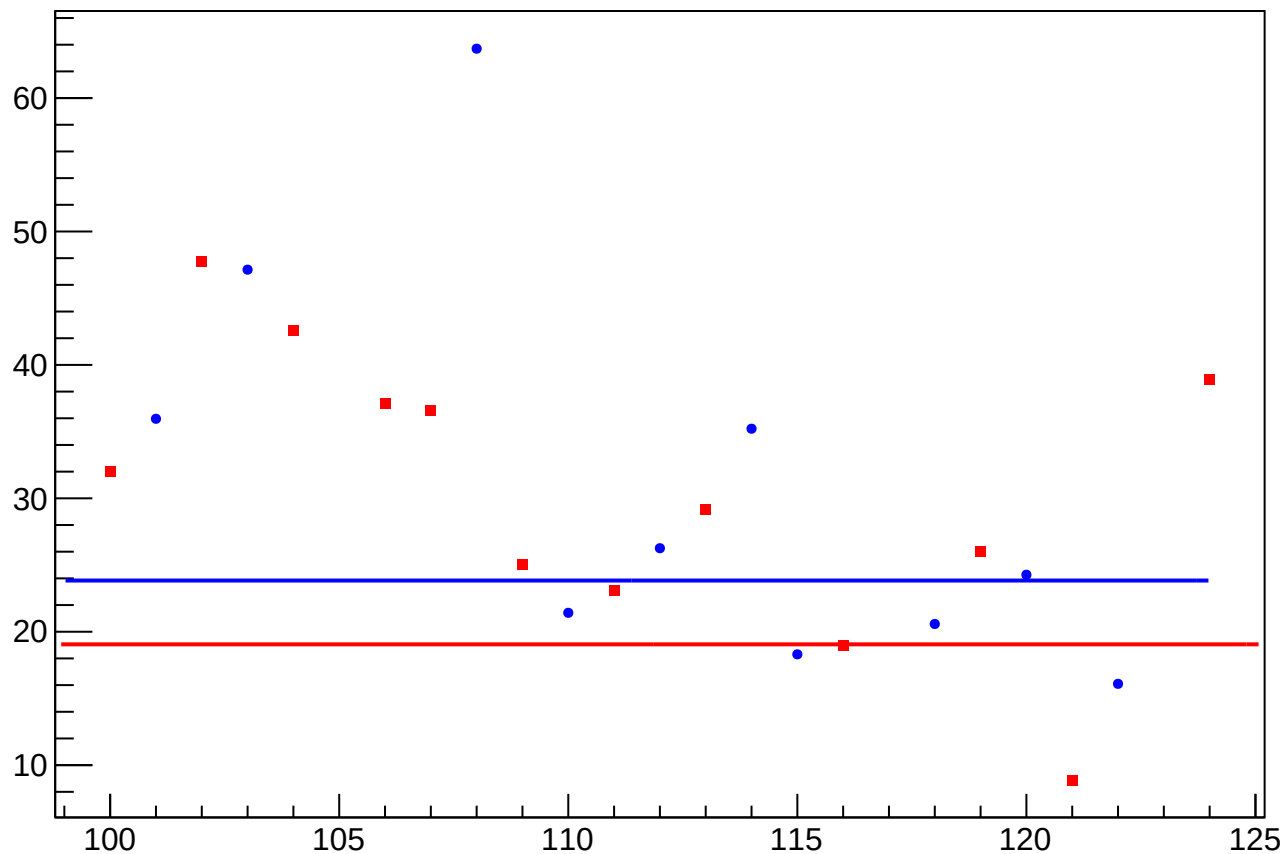
Right: -0.012+/-0.008 χ^2 /NDF: 11.3/21

In: -0.013+/-0.013 χ^2 /NDF:6.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.012+/-0.008 χ^2 /NDF: 11.3/21

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.839+/-0.009 χ^2/NDF : 952263.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.055+/-0.008 χ^2/NDF : 2177724.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

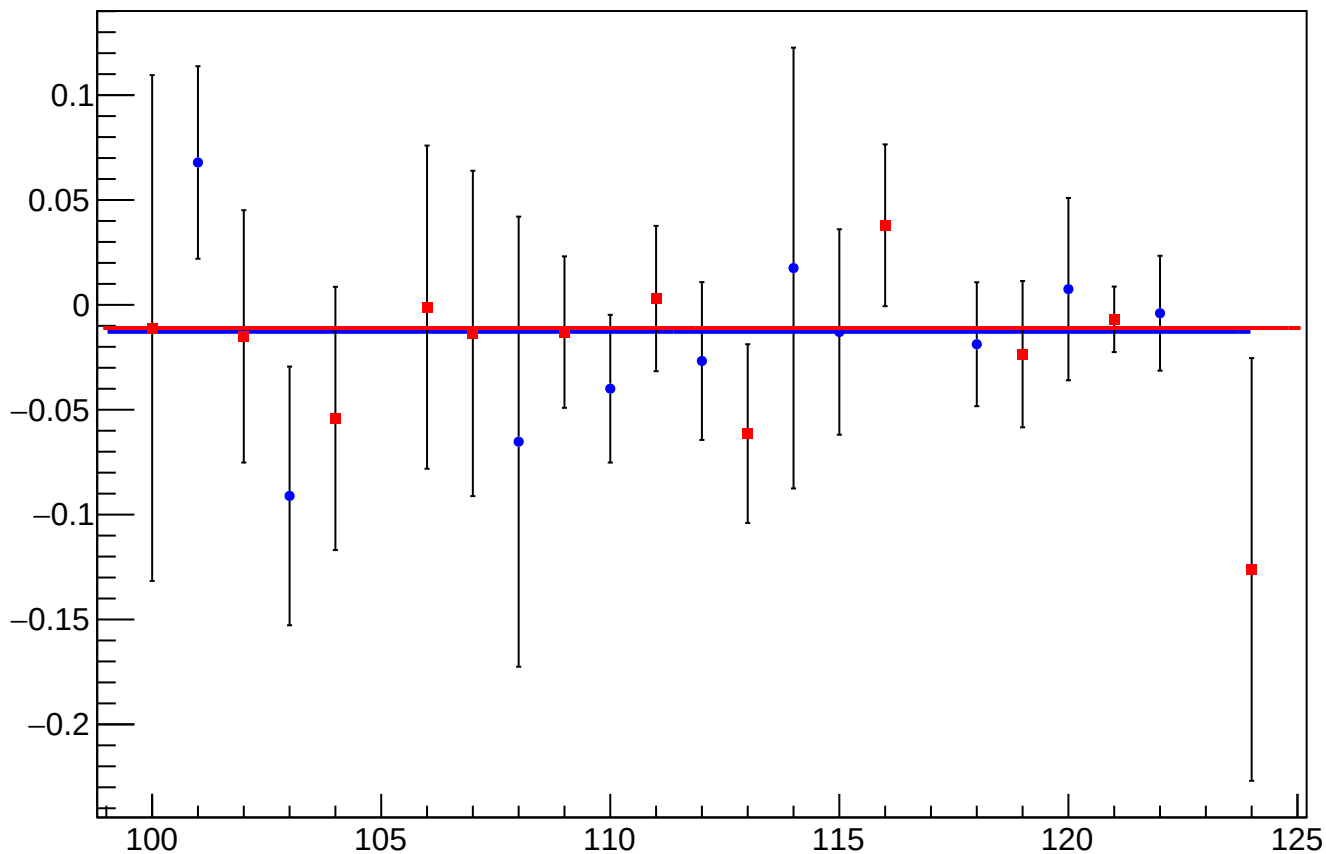
Right: 20.969+/-0.006 χ^2/NDF : 3290667.5/21

In: 23.839+/-0.009 χ^2/NDF : 952263.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.969+/-0.006 χ^2/NDF : 3290667.5/21

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.013 χ^2/NDF : 6.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.011+/-0.011 χ^2/NDF : 5.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

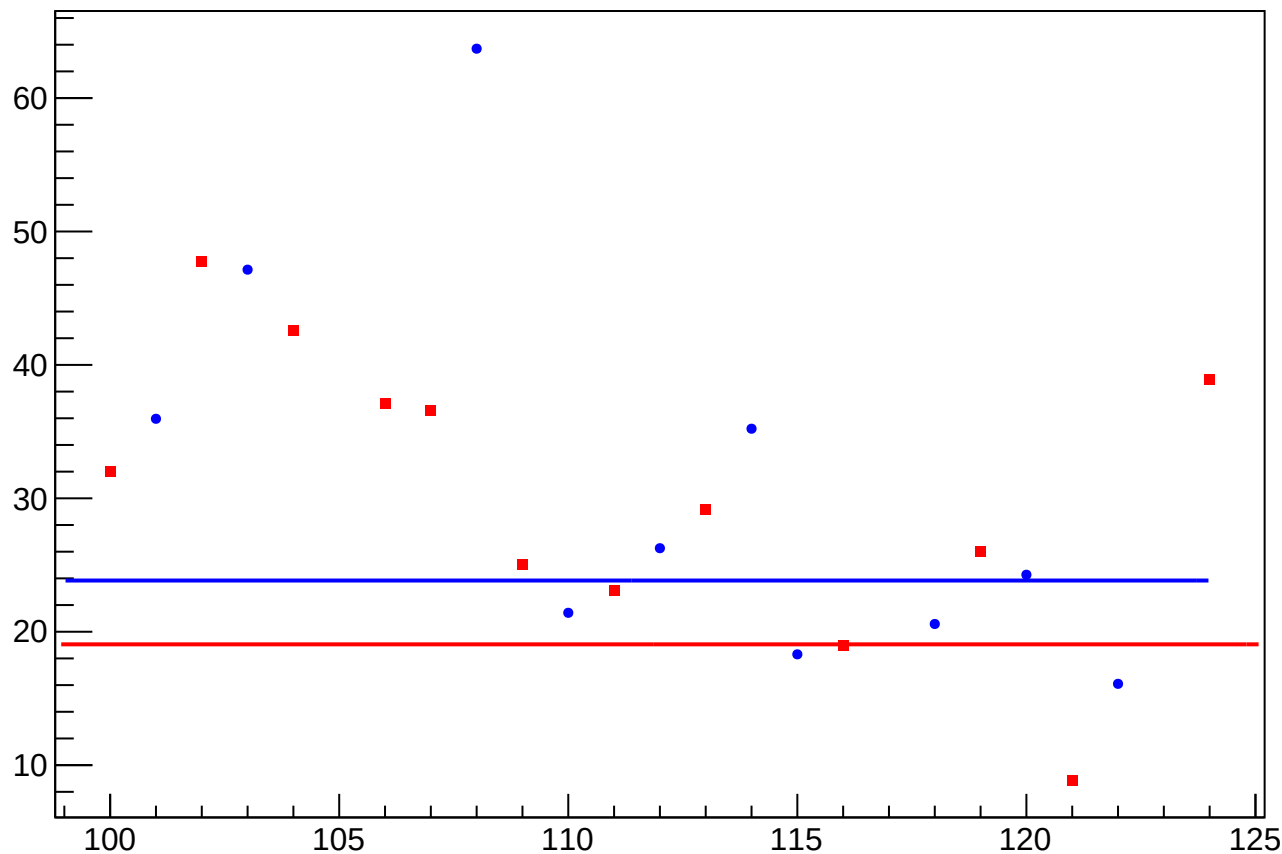
Right: -0.012+/-0.008 χ^2/NDF : 11.3/21

In: -0.013+/-0.013 χ^2/NDF :6.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.008 χ^2/NDF : 11.3/21

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.839+/-0.009 χ^2/NDF : 952263.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.055+/-0.008 χ^2/NDF : 2177724.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

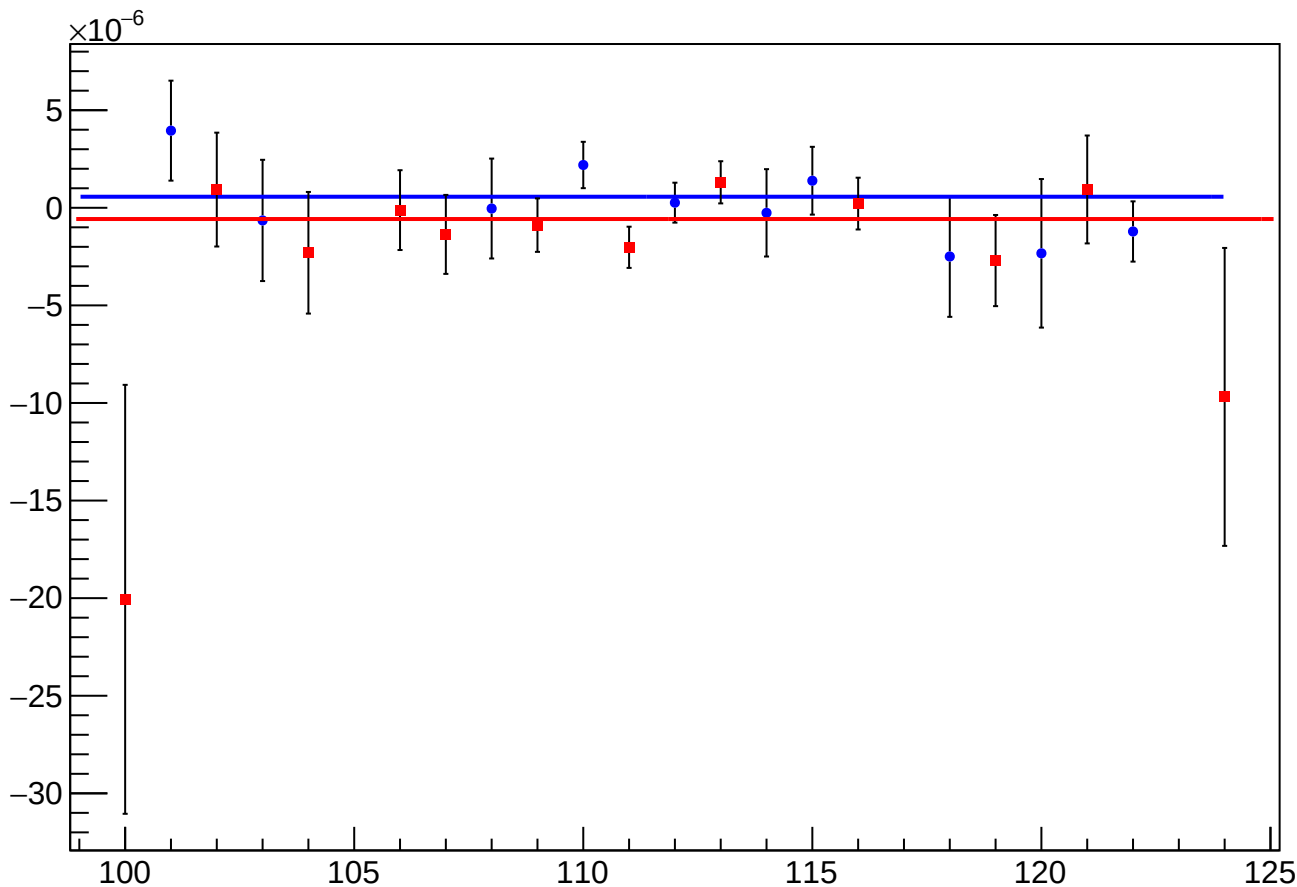
Right: 20.969+/-0.006 χ^2/NDF : 3290667.5/21

In: 23.839+/-0.009 χ^2/NDF : 952263.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.969+/-0.006 χ^2/NDF : 3290667.5/21

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

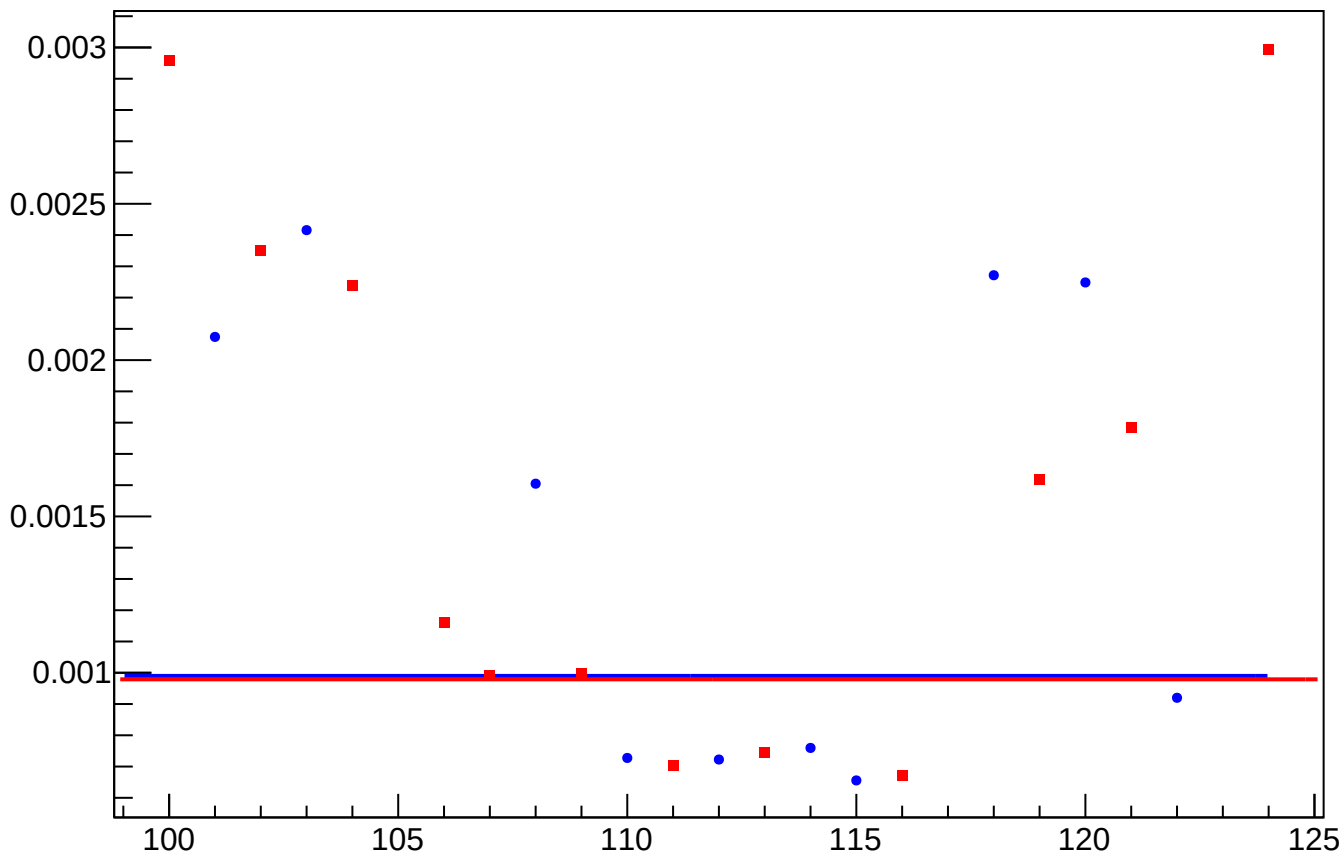
Right: -0.000+/-0.000 χ^2/NDF : 21.3/21

In: 0.000+/-0.000 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.3/21

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1791227.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1644052.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

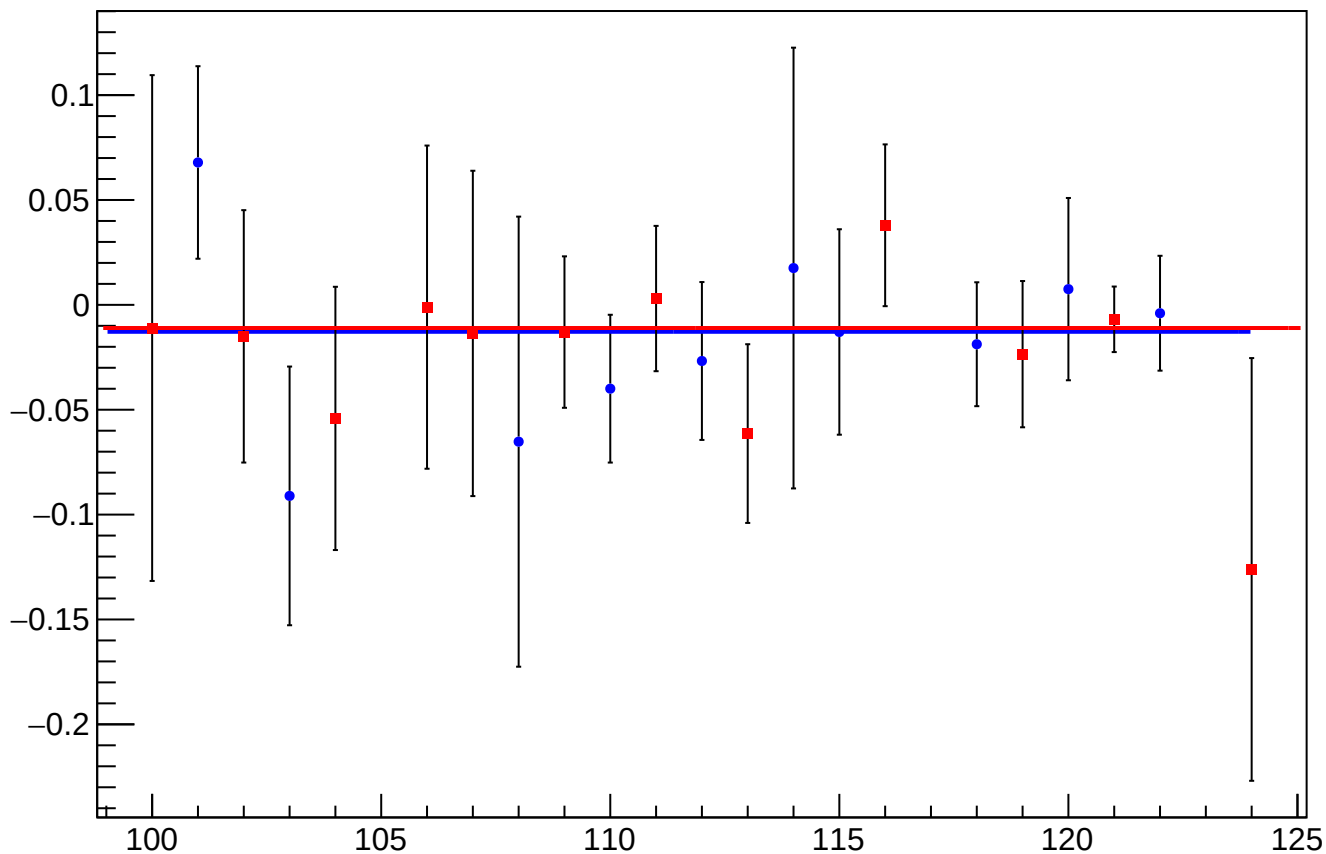
Right: 0.001+/-0.000 χ^2/NDF : 3435702.0/21

In: 0.001+/-0.000 χ^2/NDF : 1791227.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3435702.0/21

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.013 χ^2 /NDF: 6.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.011+/-0.011 χ^2 /NDF: 5.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

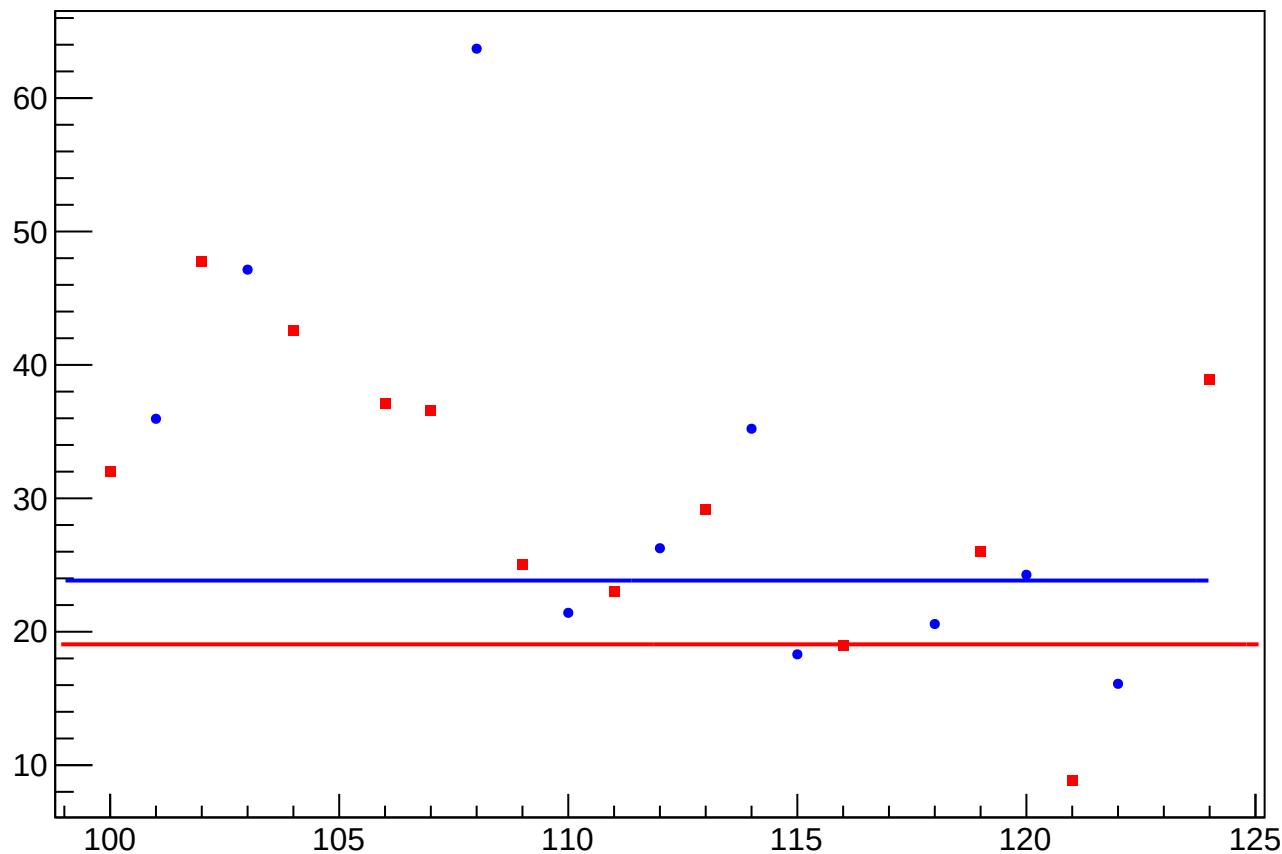
Right: -0.012+/-0.008 χ^2 /NDF: 11.3/21

In: -0.013+/-0.013 χ^2 /NDF:6.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.012+/-0.008 χ^2 /NDF: 11.3/21

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.839+/-0.009 χ^2/NDF : 952240.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.056+/-0.008 χ^2/NDF : 2177413.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

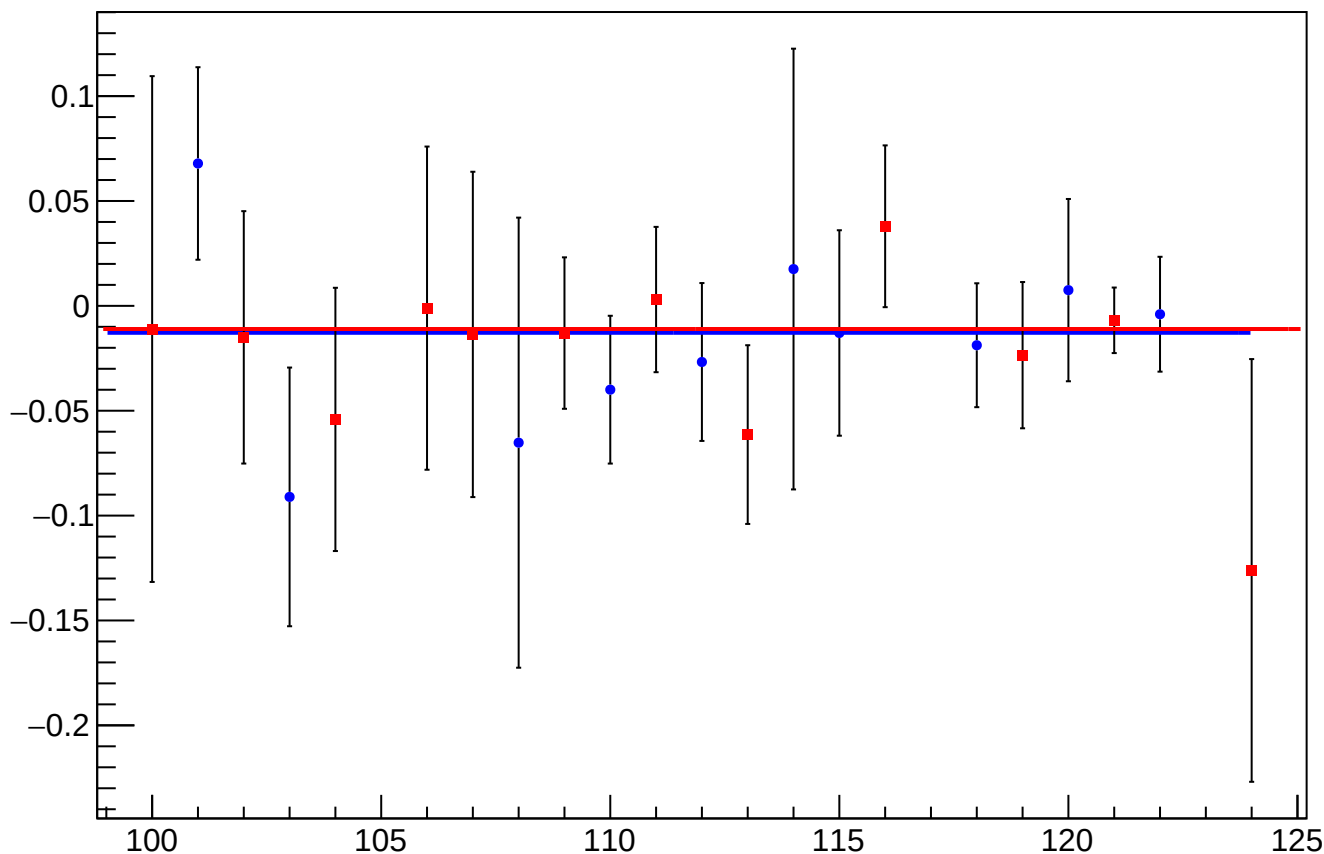
Right: 20.970+/-0.006 χ^2/NDF : 3290254.5/21

In: 23.839+/-0.009 χ^2/NDF : 952240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.970+/-0.006 χ^2/NDF : 3290254.5/21

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.013 χ^2 /NDF: 6.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.011 χ^2 /NDF: 5.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

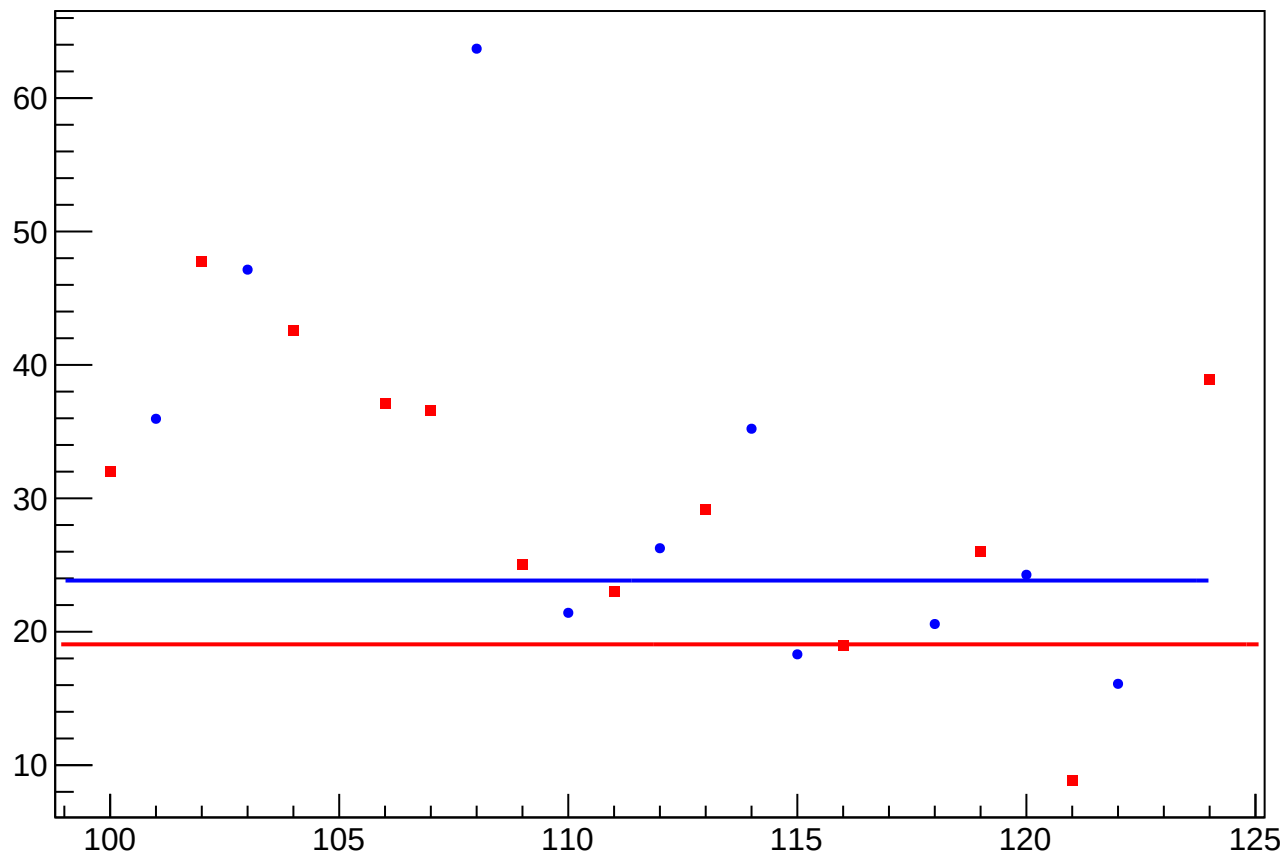
Right: -0.012 $\pm$ 0.008 χ^2 /NDF: 11.3/21

In: -0.013 $\pm$ 0.013 χ^2 /NDF:6.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.008 χ^2 /NDF: 11.3/21

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.839+/-0.009 χ^2/NDF : 952240.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.056+/-0.008 χ^2/NDF : 2177413.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

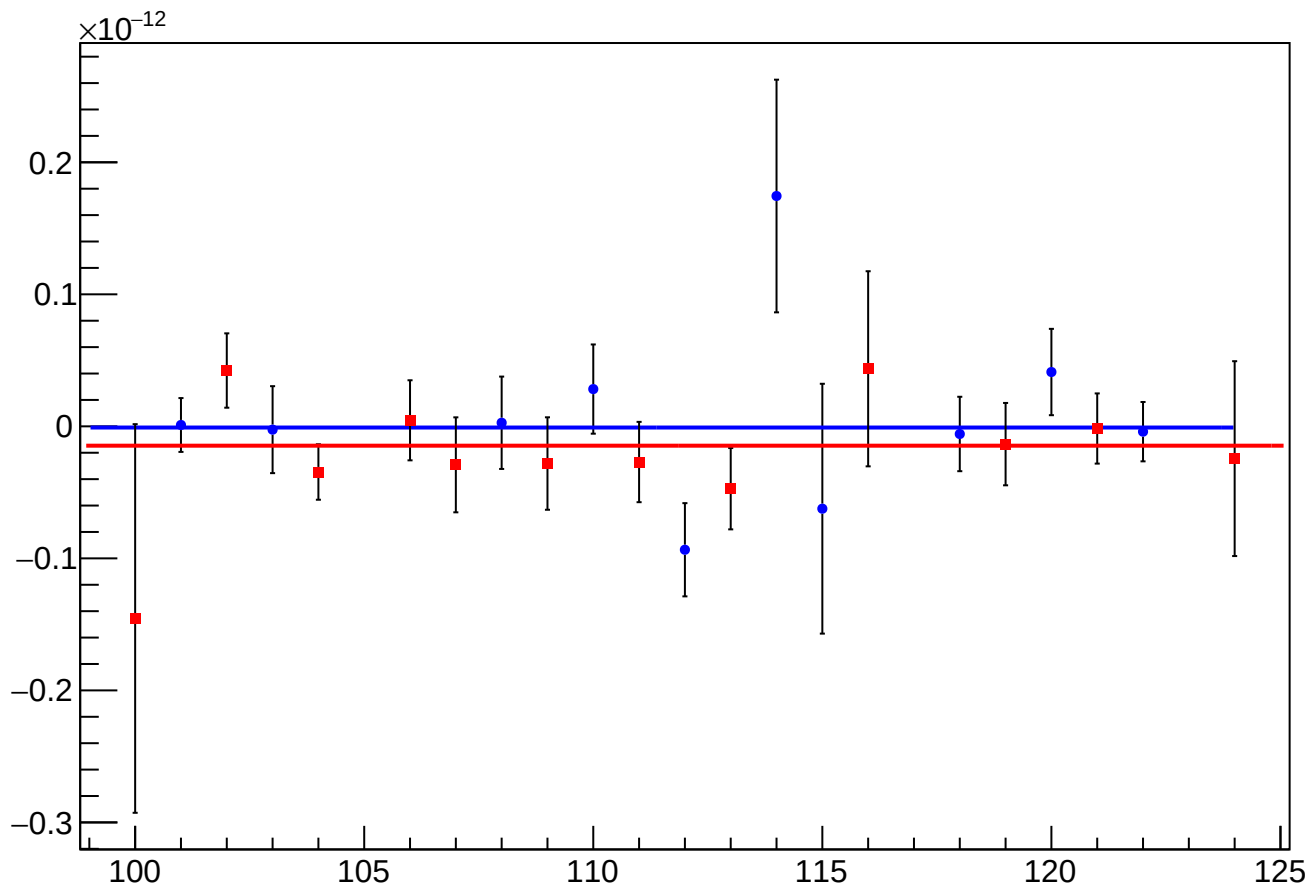
Right: 20.970+/-0.006 χ^2/NDF : 3290254.5/21

In: 23.839+/-0.009 χ^2/NDF : 952240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.970+/-0.006 χ^2/NDF : 3290254.5/21

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

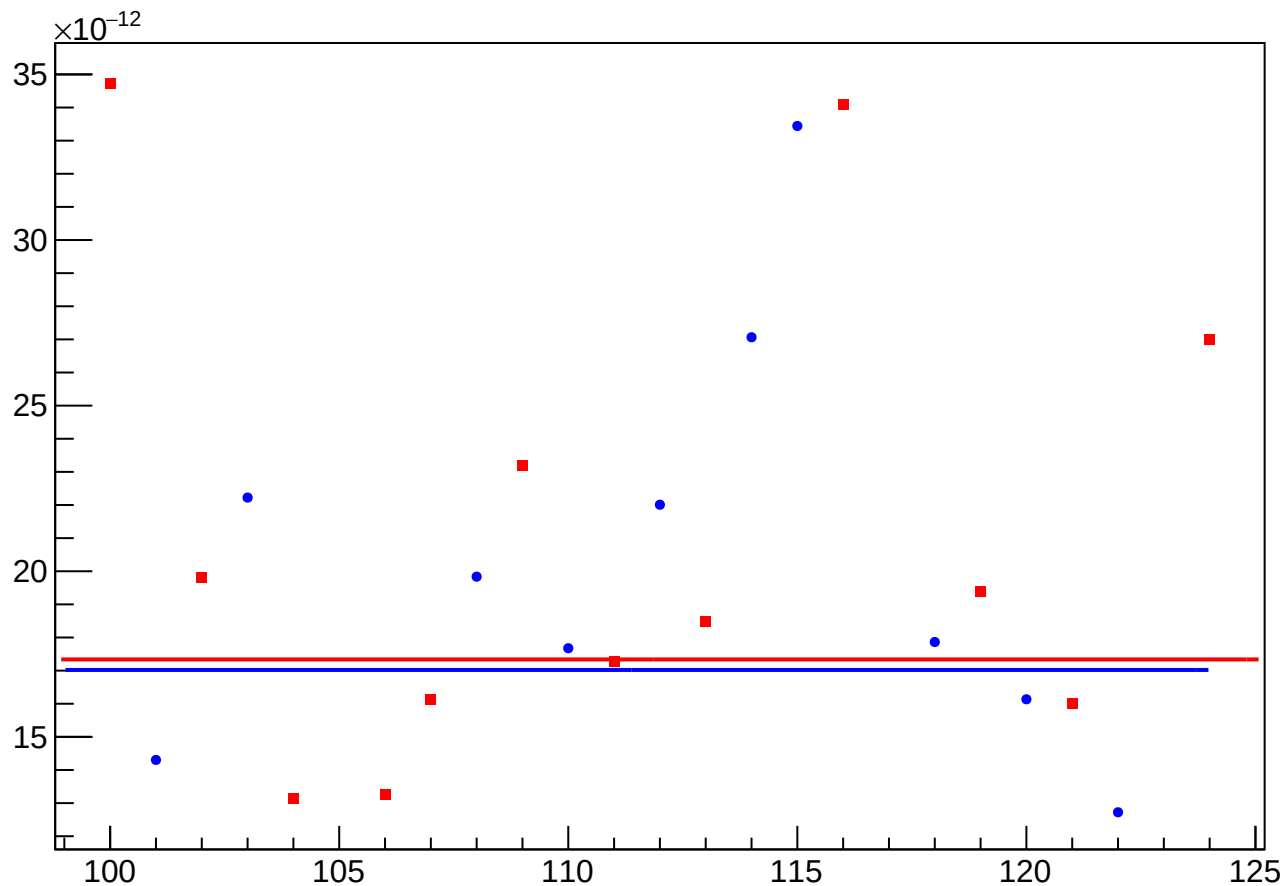
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/21

In: -0.000 $\pm$ 0.000 χ^2 /NDF:13.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/21

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 301640.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 371357.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

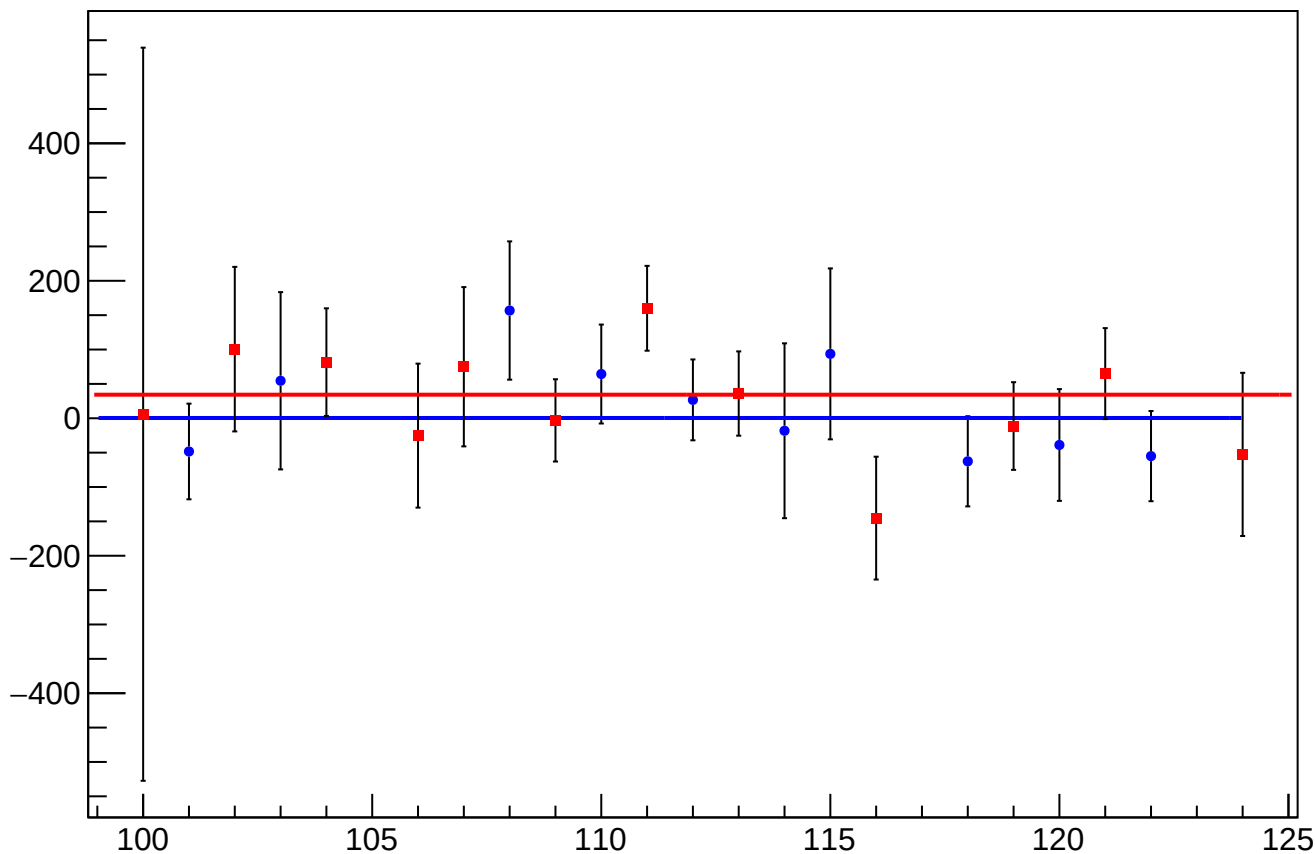
Right: 0.000+/-0.000 χ^2/NDF : 674079.1/21

In: 0.000+/-0.000 χ^2/NDF : 301640.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 674079.1/21

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.418+/-25.077 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.300+/-23.062 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

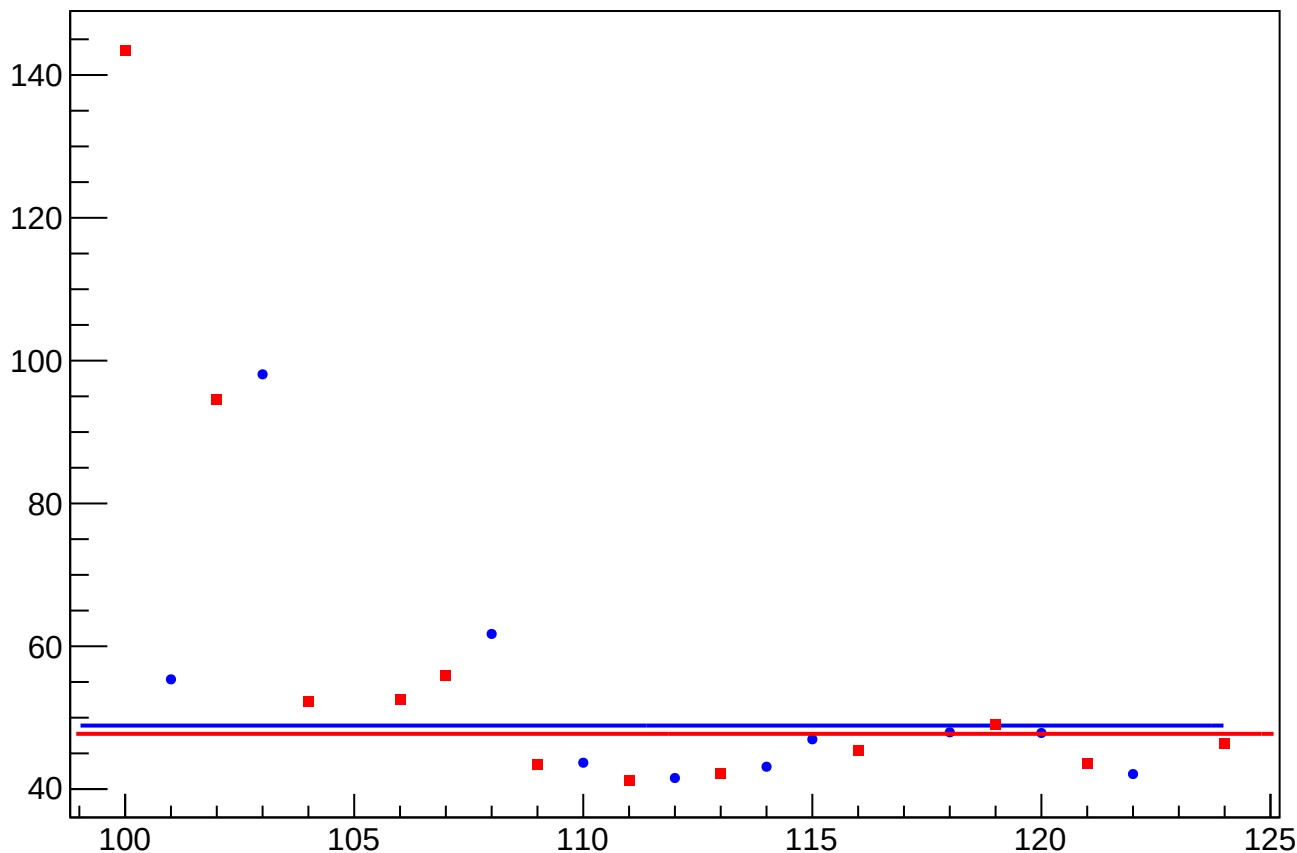
Right: 18.775+/-16.975 χ^2/NDF : 18.5/21

In: 0.418+/-25.077 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.775+/-16.975 χ^2/NDF : 18.5/21

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.896+/-0.018 χ^2/NDF : 409157.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 47.737+/-0.016 χ^2/NDF : 450005.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

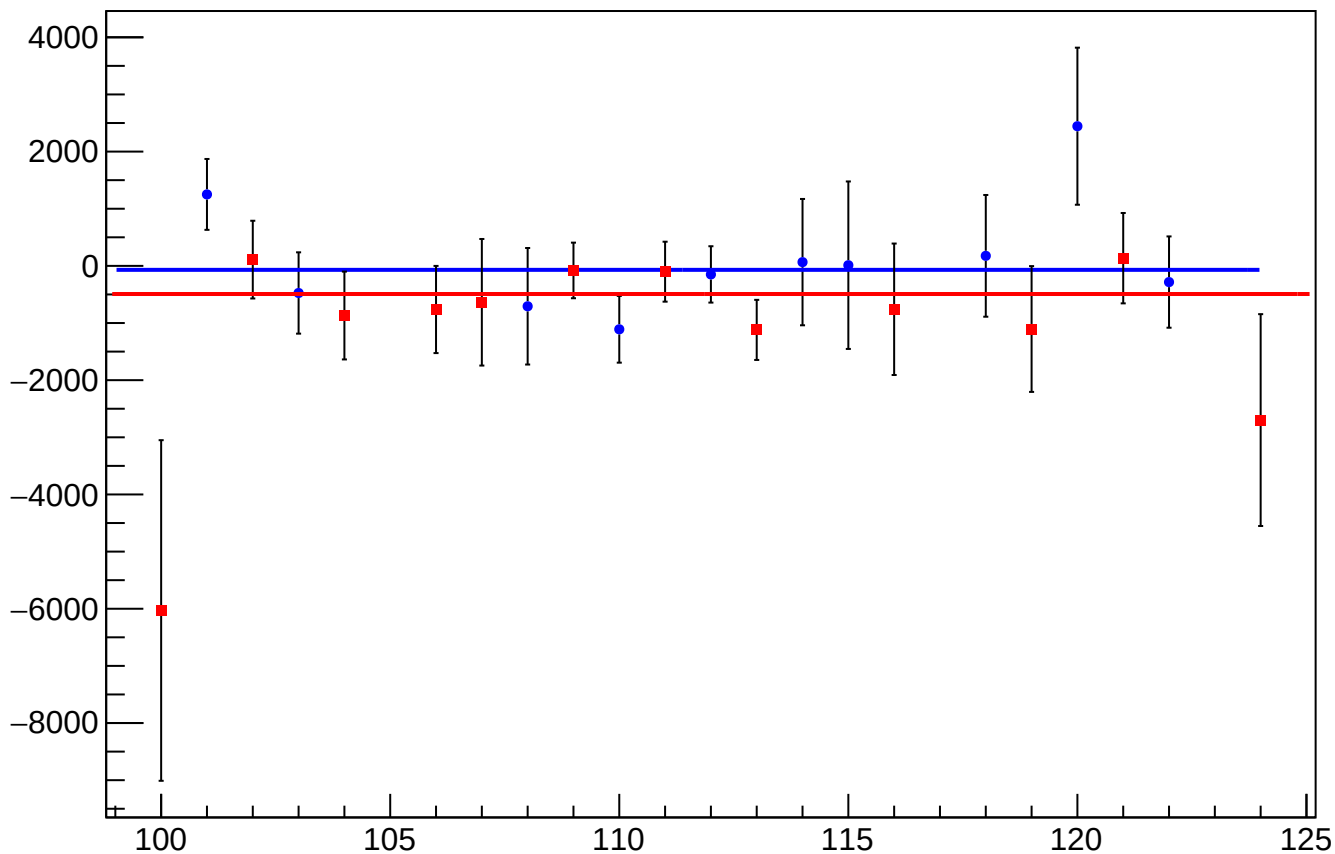
Right: 48.268+/-0.012 χ^2/NDF : 861474.2/21

In: 48.896+/-0.018 χ^2/NDF :409157.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 48.268+/-0.012 χ^2/NDF : 861474.2/21

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -69.457 ± 243.646 χ^2/NDF : 11.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -492.229 ± 215.917 χ^2/NDF : 9.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

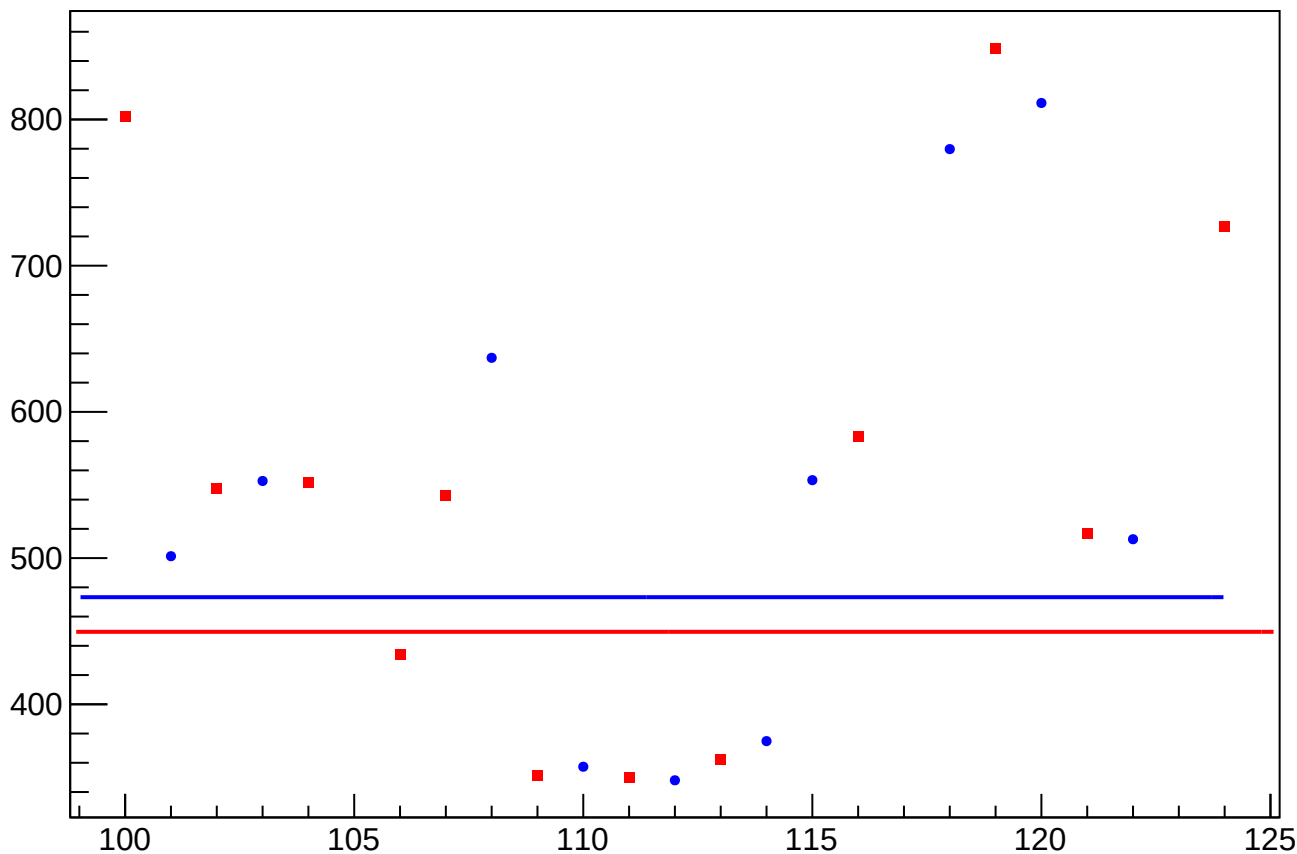
Right: -306.260 ± 161.595 χ^2/NDF : 23.3/21

In: -69.457 ± 243.646 χ^2/NDF : 11.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -306.260 ± 161.595 χ^2/NDF : 23.3/21

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 473.266+/-0.172 χ^2/NDF : 601855.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.581+/-0.153 χ^2/NDF : 677034.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

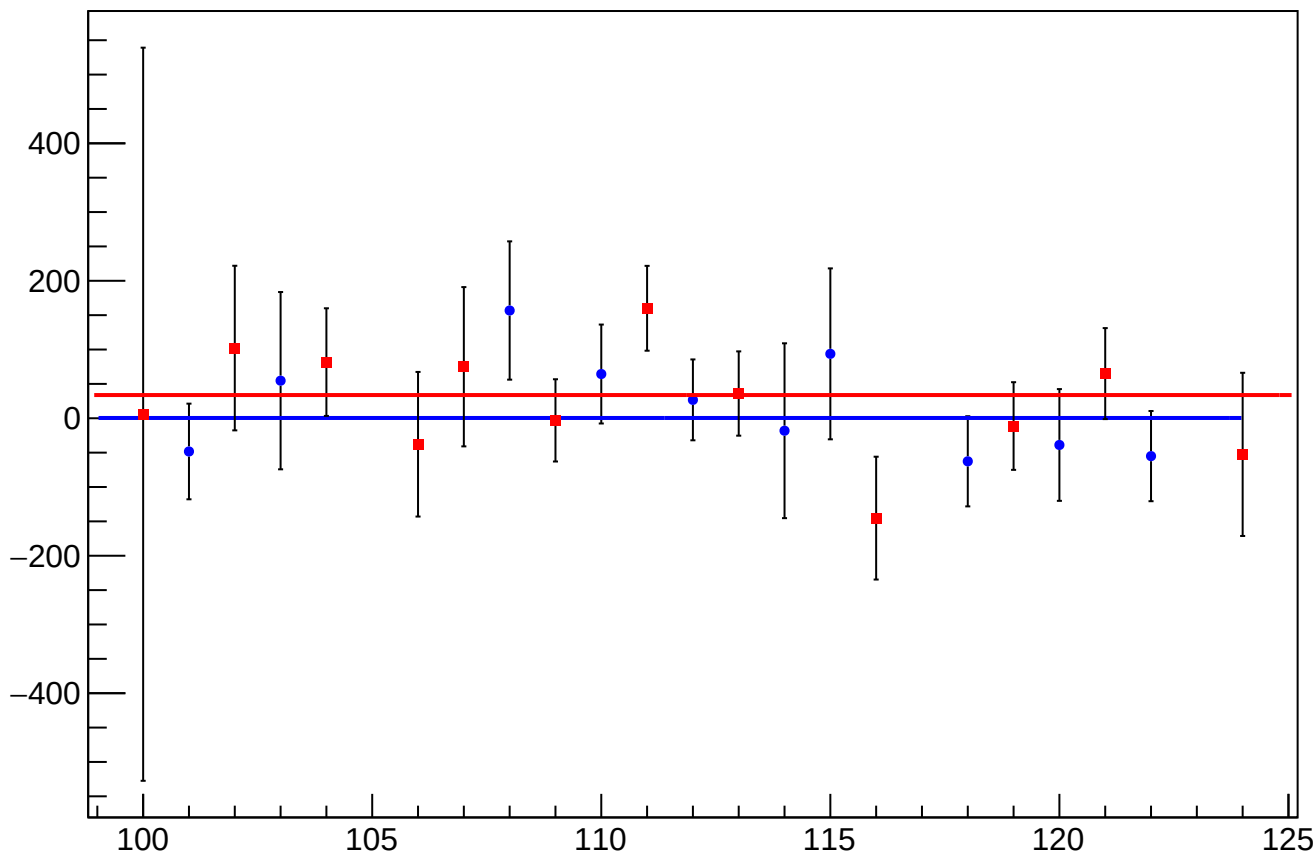
Right: 460.000+/-0.114 χ^2/NDF : 1289475.8/21

In: 473.266+/-0.172 χ^2/NDF : 601855.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.000+/-0.114 χ^2/NDF : 1289475.8/21

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.427+/-25.077 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.783+/-23.067 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

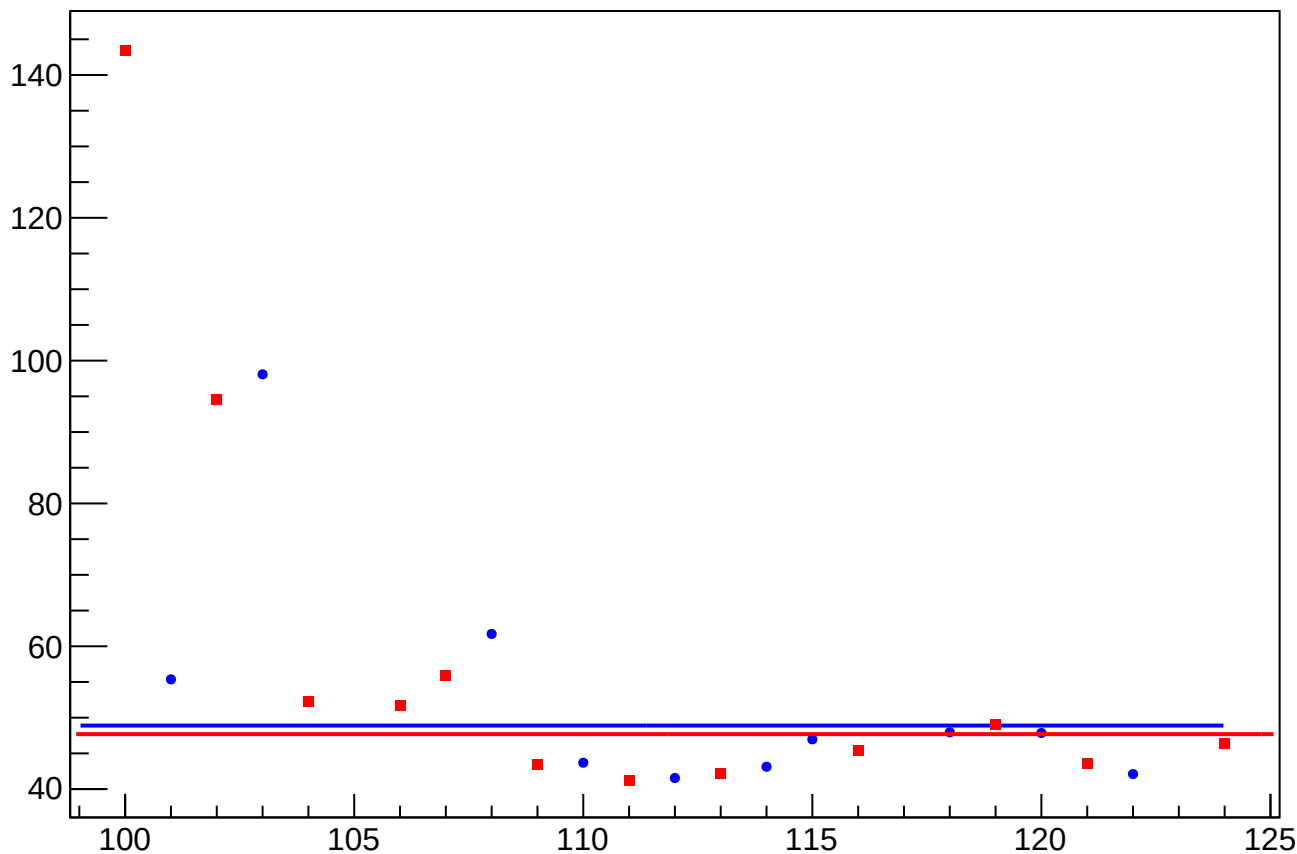
Right: 18.496+/-16.977 χ^2/NDF : 18.6/21

In: 0.427+/-25.077 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.496+/-16.977 χ^2/NDF : 18.6/21

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.896+/-0.018 χ^2/NDF : 409160.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.696+/-0.016 χ^2/NDF : 448909.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

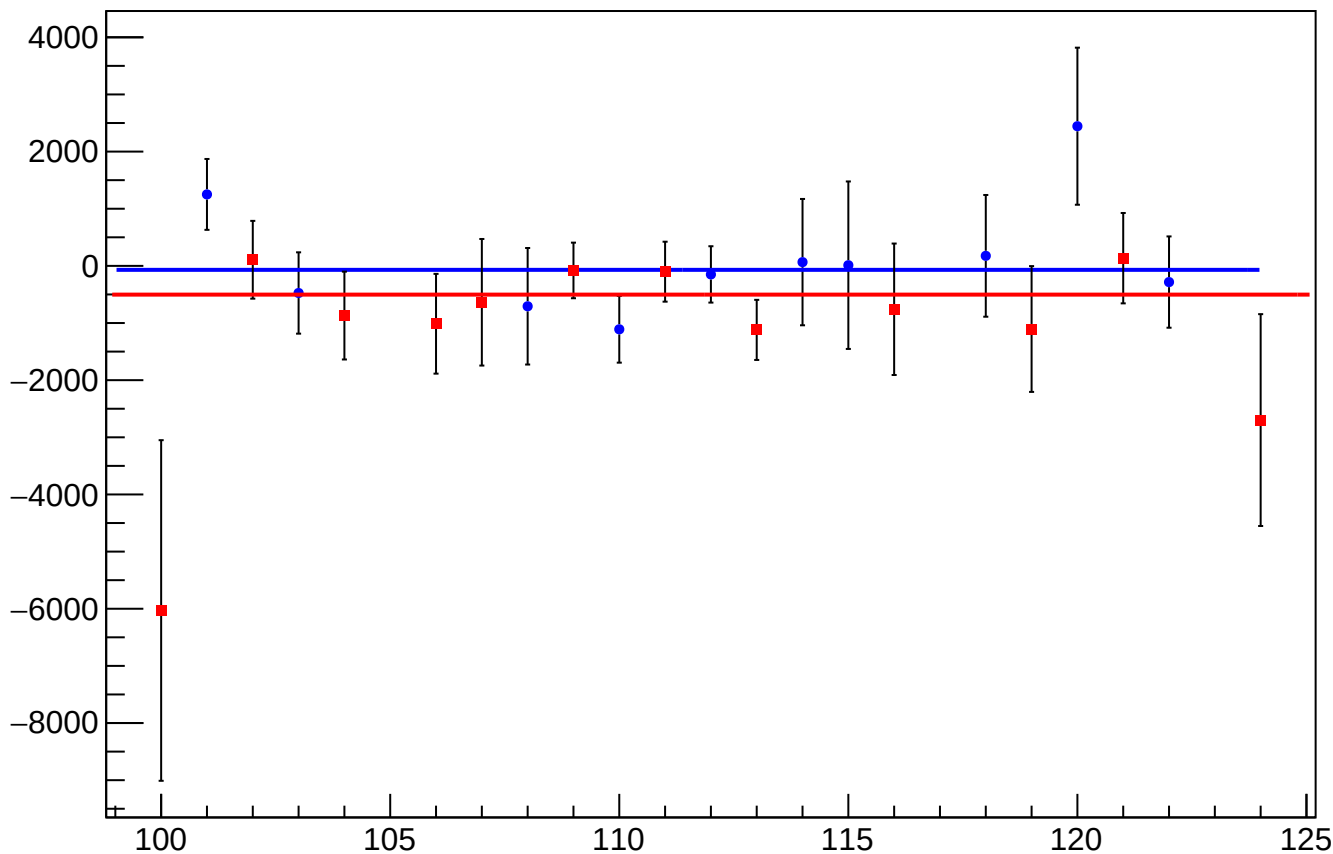
Right: 48.246+/-0.012 χ^2/NDF : 860549.3/21

In: 48.896+/-0.018 χ^2/NDF : 409160.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.246+/-0.012 χ^2/NDF : 860549.3/21

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -69.455+/-243.649 χ^2/NDF : 11.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -502.950+/-218.009 χ^2/NDF : 9.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

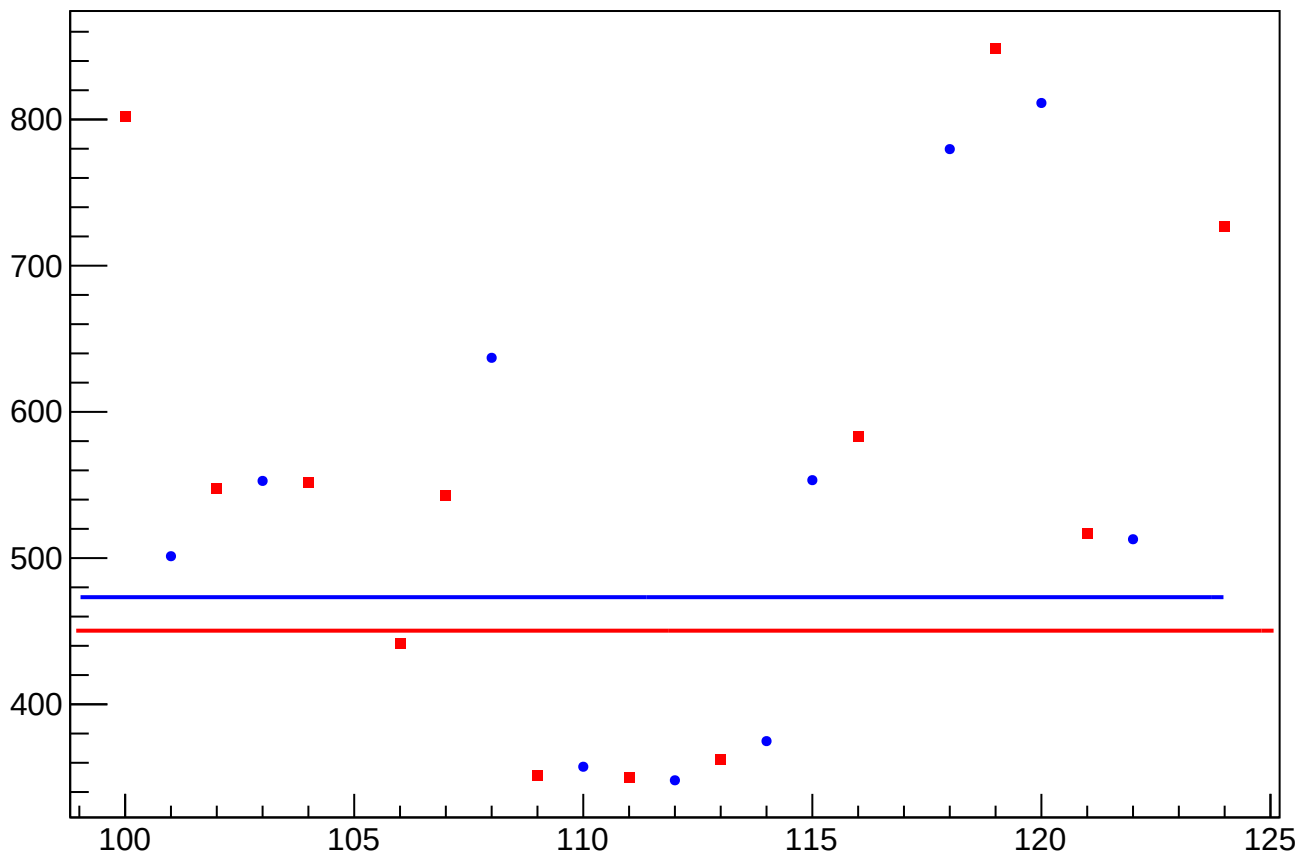
Right: -310.204+/-162.467 χ^2/NDF : 23.6/21

In: -69.455+/-243.649 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.204+/-162.467 χ^2/NDF : 23.6/21

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 473.270+/-0.172 χ^2/NDF : 601886.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.361+/-0.154 χ^2/NDF : 676641.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

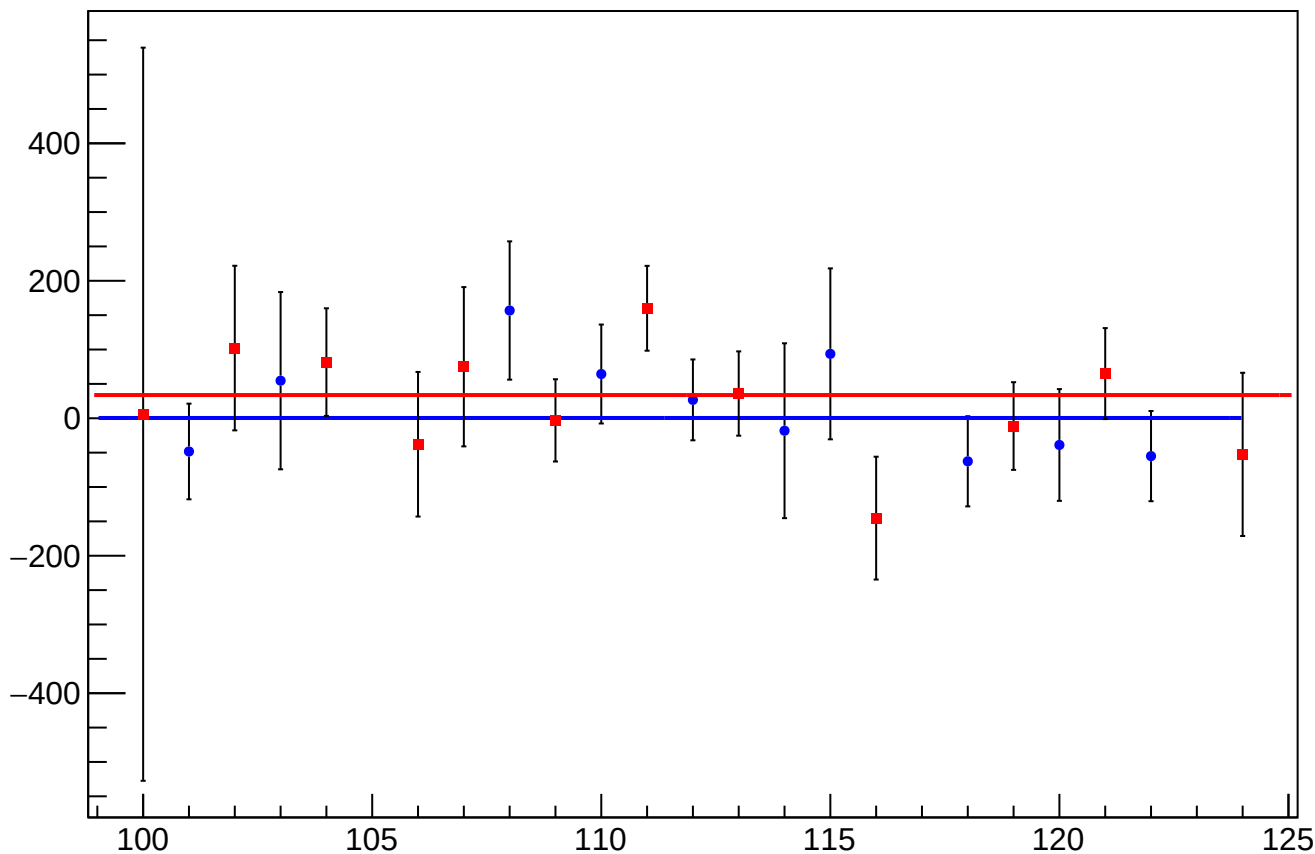
Right: 460.547+/-0.115 χ^2/NDF : 1288347.4/21

In: 473.270+/-0.172 χ^2/NDF : 601886.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.547+/-0.115 χ^2/NDF : 1288347.4/21

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.427+/-25.077 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.783+/-23.067 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

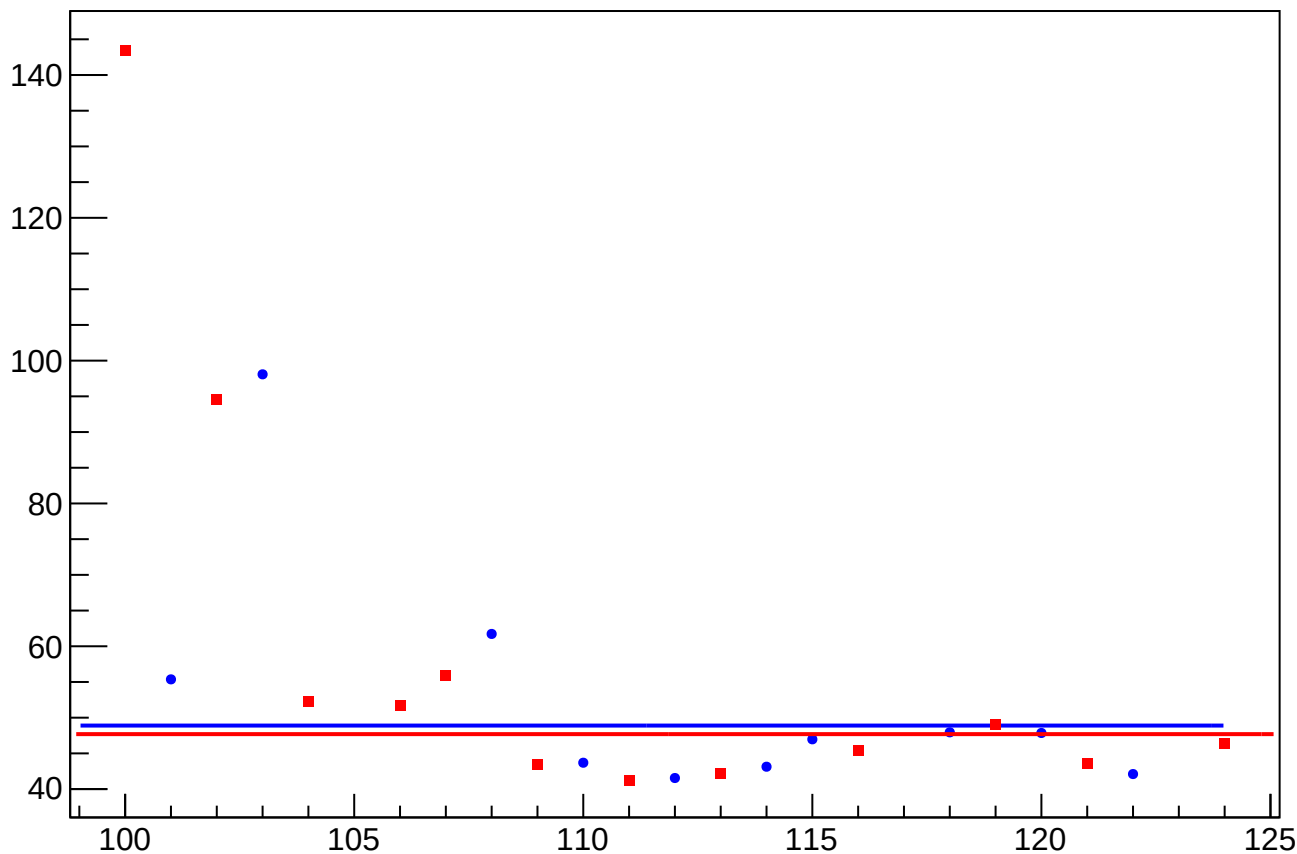
Right: 18.496+/-16.977 χ^2/NDF : 18.6/21

In: 0.427+/-25.077 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.496+/-16.977 χ^2/NDF : 18.6/21

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 48.896+/-0.018 χ^2/NDF : 409160.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.696+/-0.016 χ^2/NDF : 448909.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

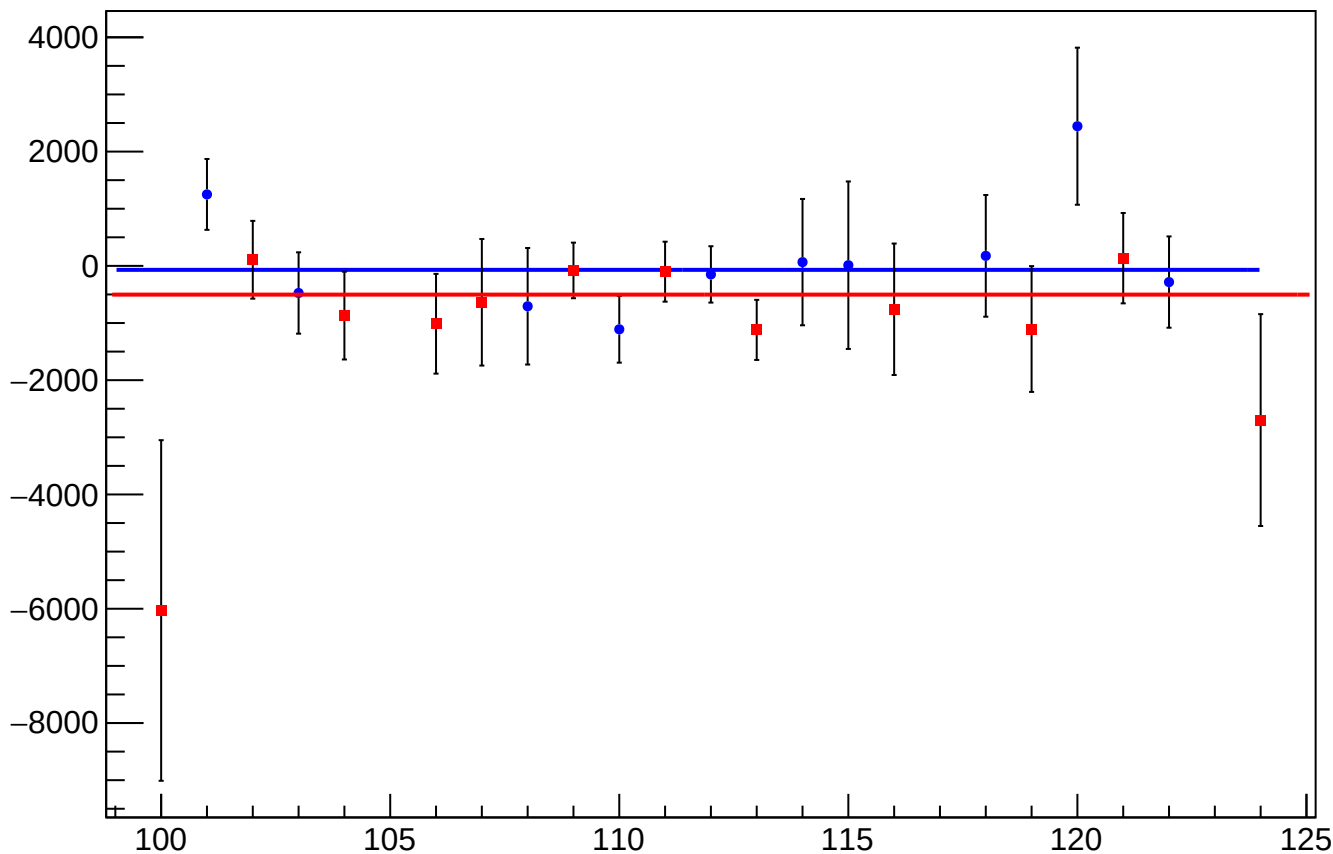
Right: 48.246+/-0.012 χ^2/NDF : 860549.3/21

In: 48.896+/-0.018 χ^2/NDF : 409160.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.246+/-0.012 χ^2/NDF : 860549.3/21

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -69.455+/-243.649 χ^2/NDF : 11.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -502.950+/-218.009 χ^2/NDF : 9.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

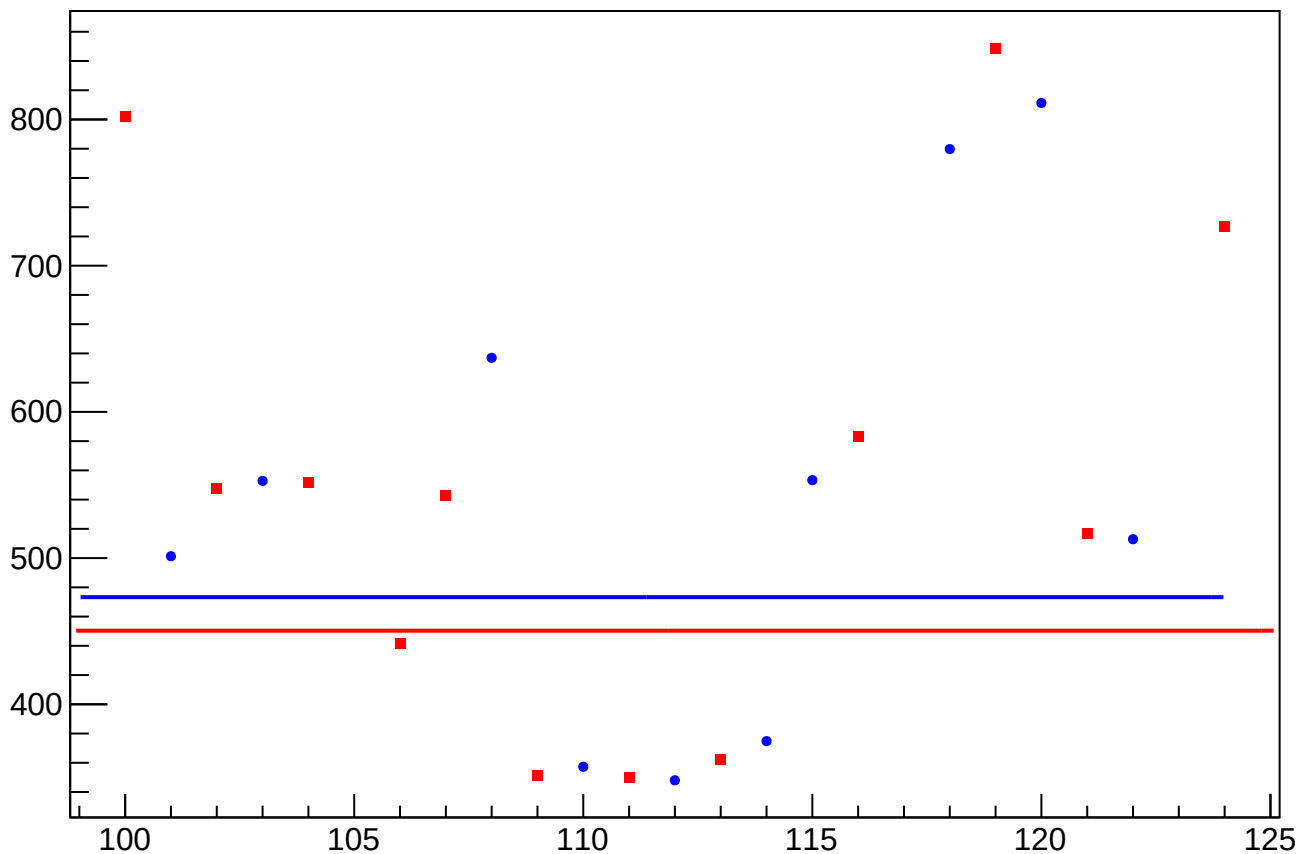
Right: -310.204+/-162.467 χ^2/NDF : 23.6/21

In: -69.455+/-243.649 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.204+/-162.467 χ^2/NDF : 23.6/21

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 473.270+/-0.172 χ^2/NDF : 601886.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.361+/-0.154 χ^2/NDF : 676641.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

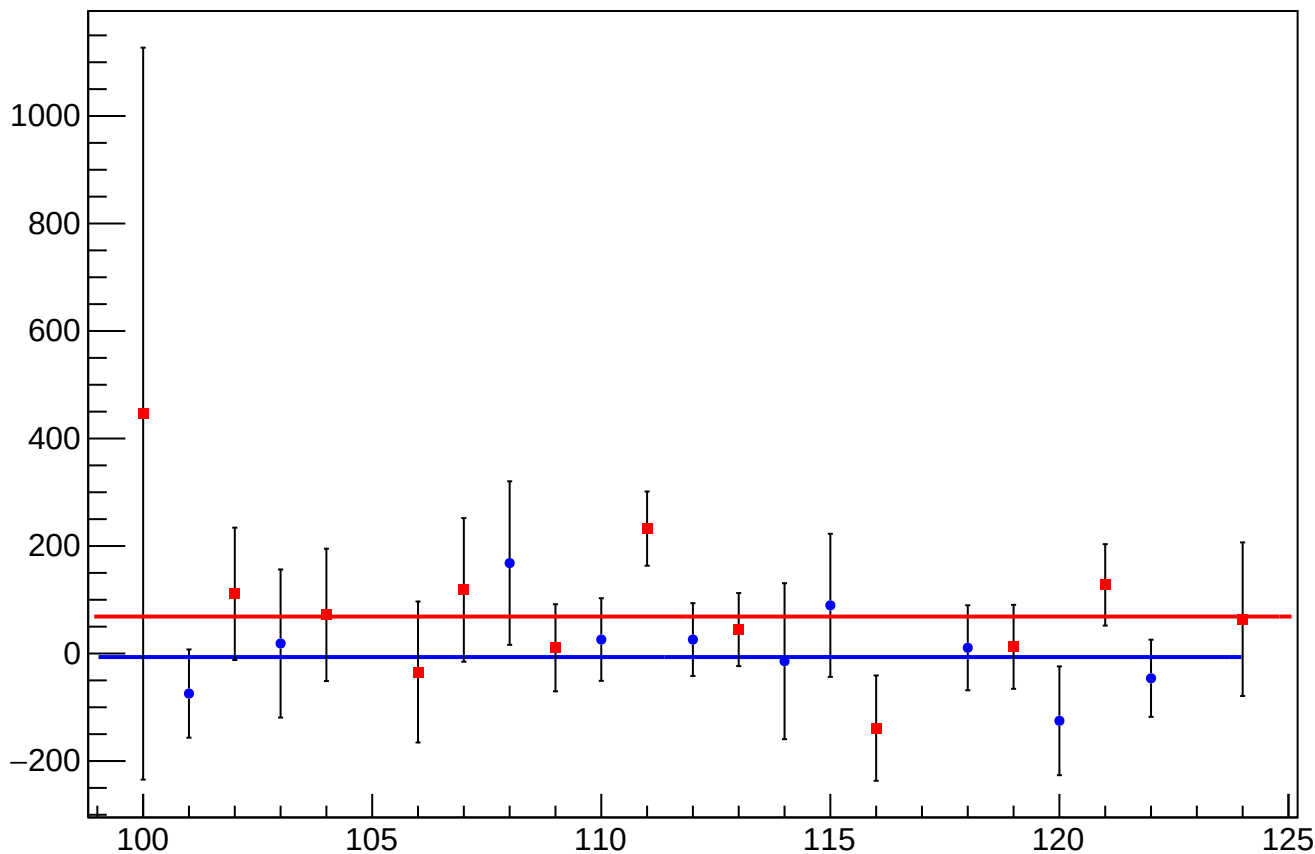
Right: 460.547+/-0.115 χ^2/NDF : 1288347.4/21

In: 473.270+/-0.172 χ^2/NDF : 601886.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.547+/-0.115 χ^2/NDF : 1288347.4/21

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -6.590 ± 29.021 χ^2/NDF : 4.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 68.767 ± 27.540 χ^2/NDF : 13.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

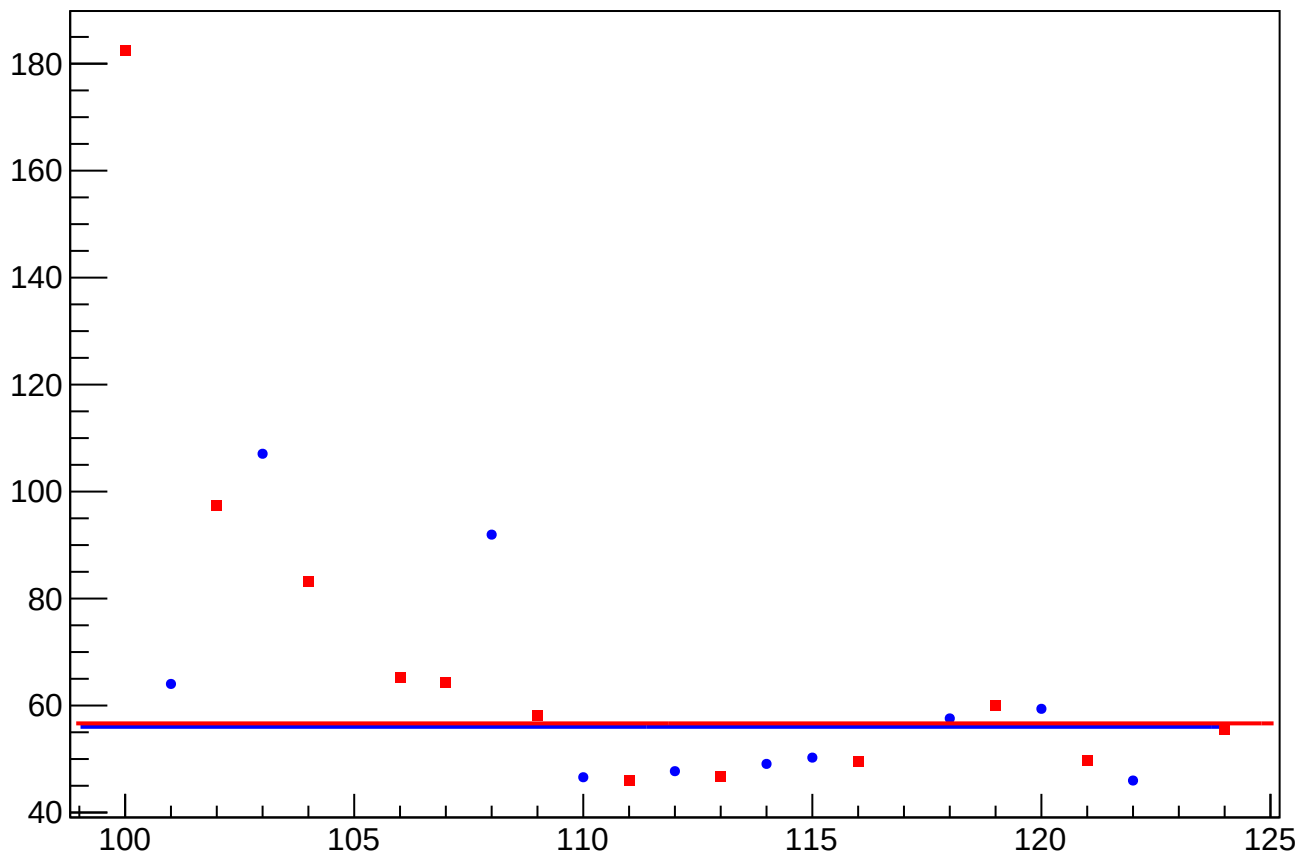
Right: 33.060 ± 19.976 χ^2/NDF : 21.3/21

In: -6.590 ± 29.021 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 33.060 ± 19.976 χ^2/NDF : 21.3/21

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 56.024+/-0.021 χ^2/NDF : 515822.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.663+/-0.019 χ^2/NDF : 518063.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

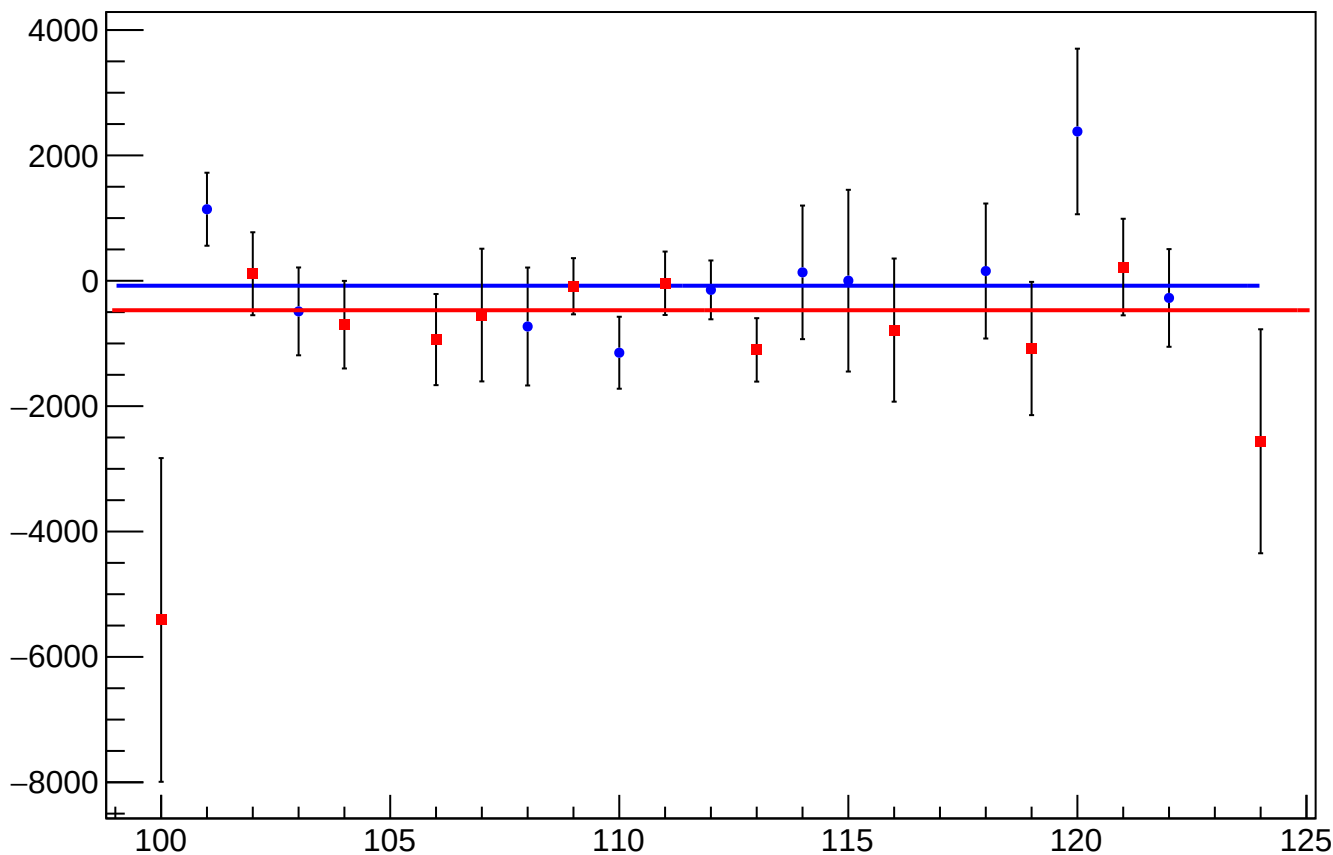
Right: 56.360+/-0.014 χ^2/NDF : 1034396.0/21

In: 56.024+/-0.021 χ^2/NDF : 515822.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.360+/-0.014 χ^2/NDF : 1034396.0/21

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -78.885 ± 234.826 χ^2/NDF : 12.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -469.926 ± 205.370 χ^2/NDF : 10.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

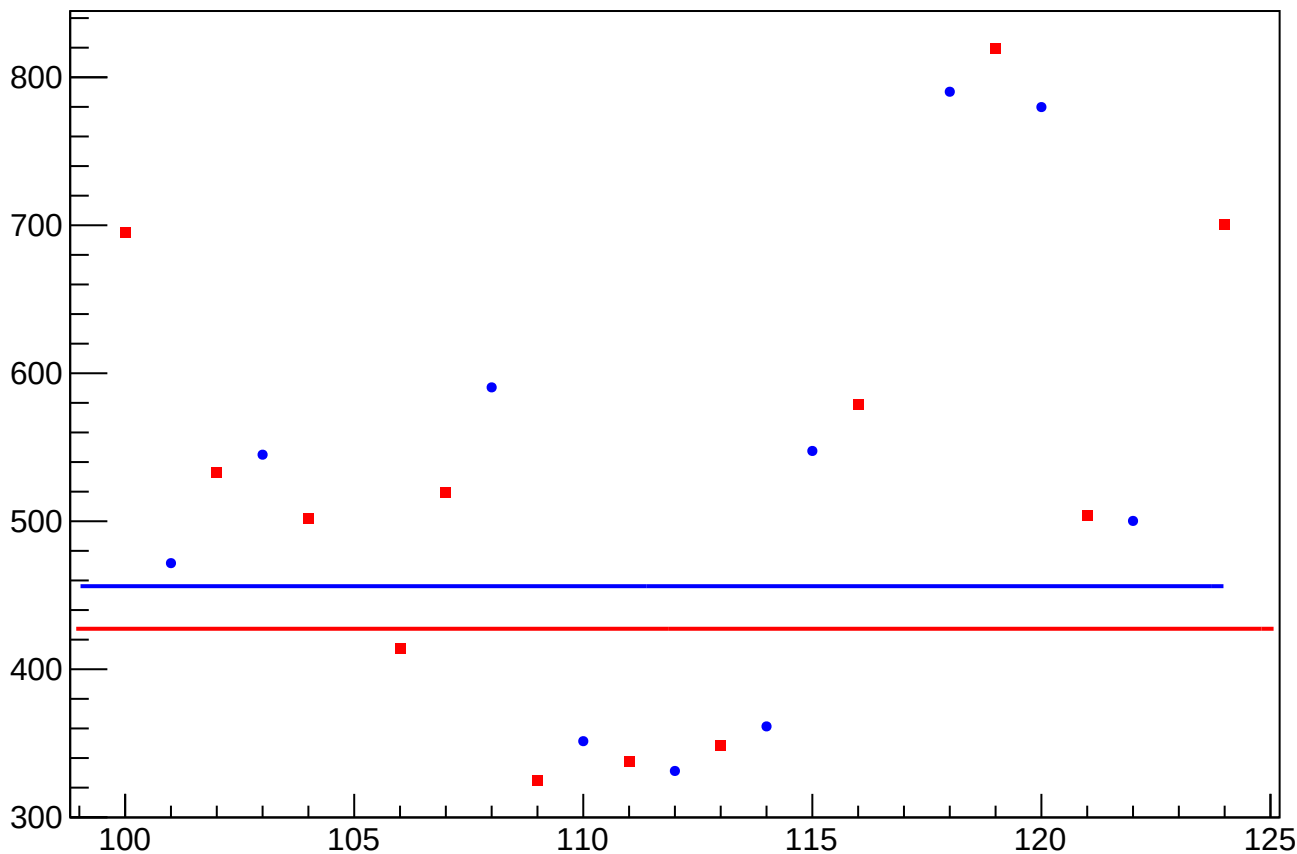
Right: -300.455 ± 154.590 χ^2/NDF : 24.4/21

In: -78.885 ± 234.826 χ^2/NDF : 12.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -300.455 ± 154.590 χ^2/NDF : 24.4/21

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 456.126+/-0.166 χ^2/NDF : 625511.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 427.354+/-0.145 χ^2/NDF : 700174.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

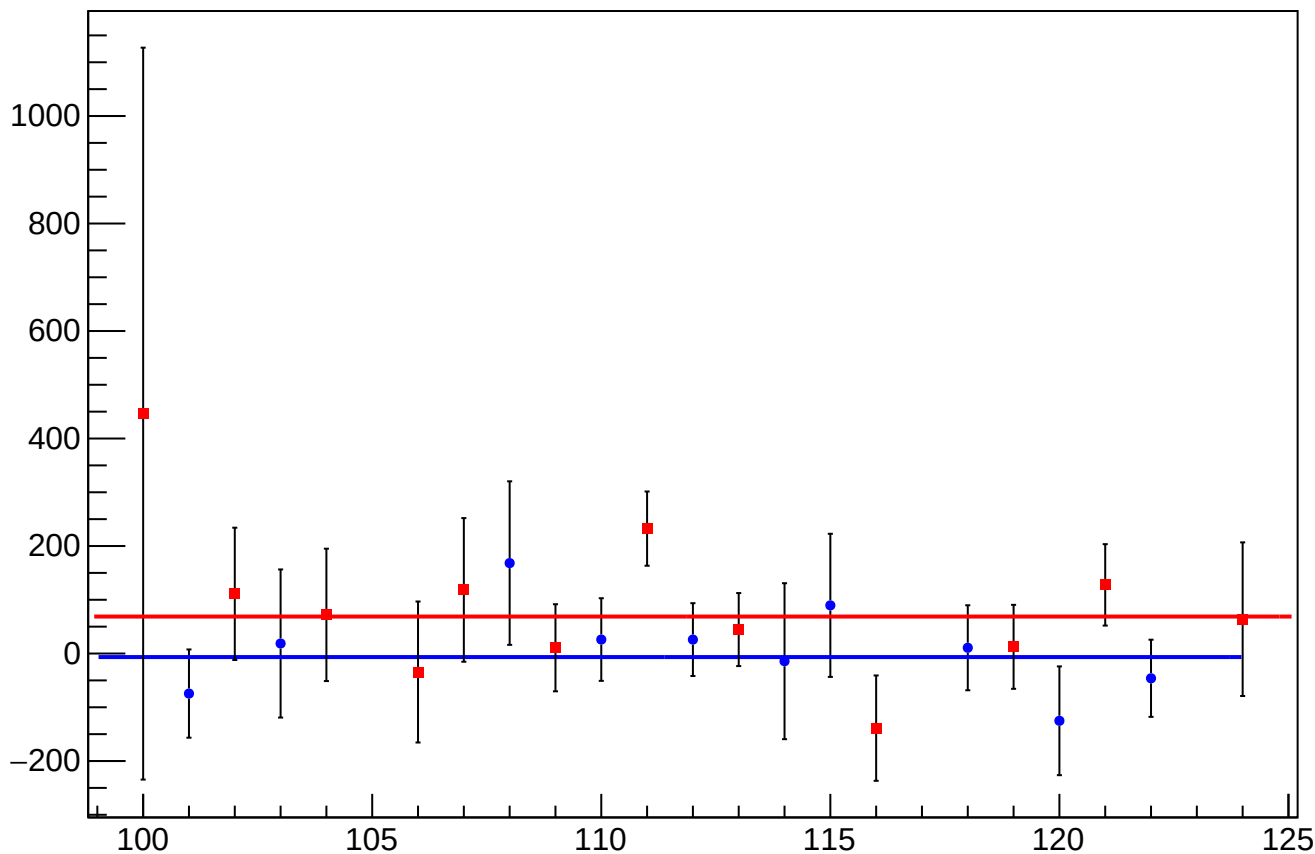
Right: 439.823+/-0.109 χ^2/NDF : 1342698.0/21

In: 456.126+/-0.166 χ^2/NDF : 625511.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.823+/-0.109 χ^2/NDF : 1342698.0/21

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -6.590+/-29.021 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.768+/-27.540 χ^2/NDF : 13.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

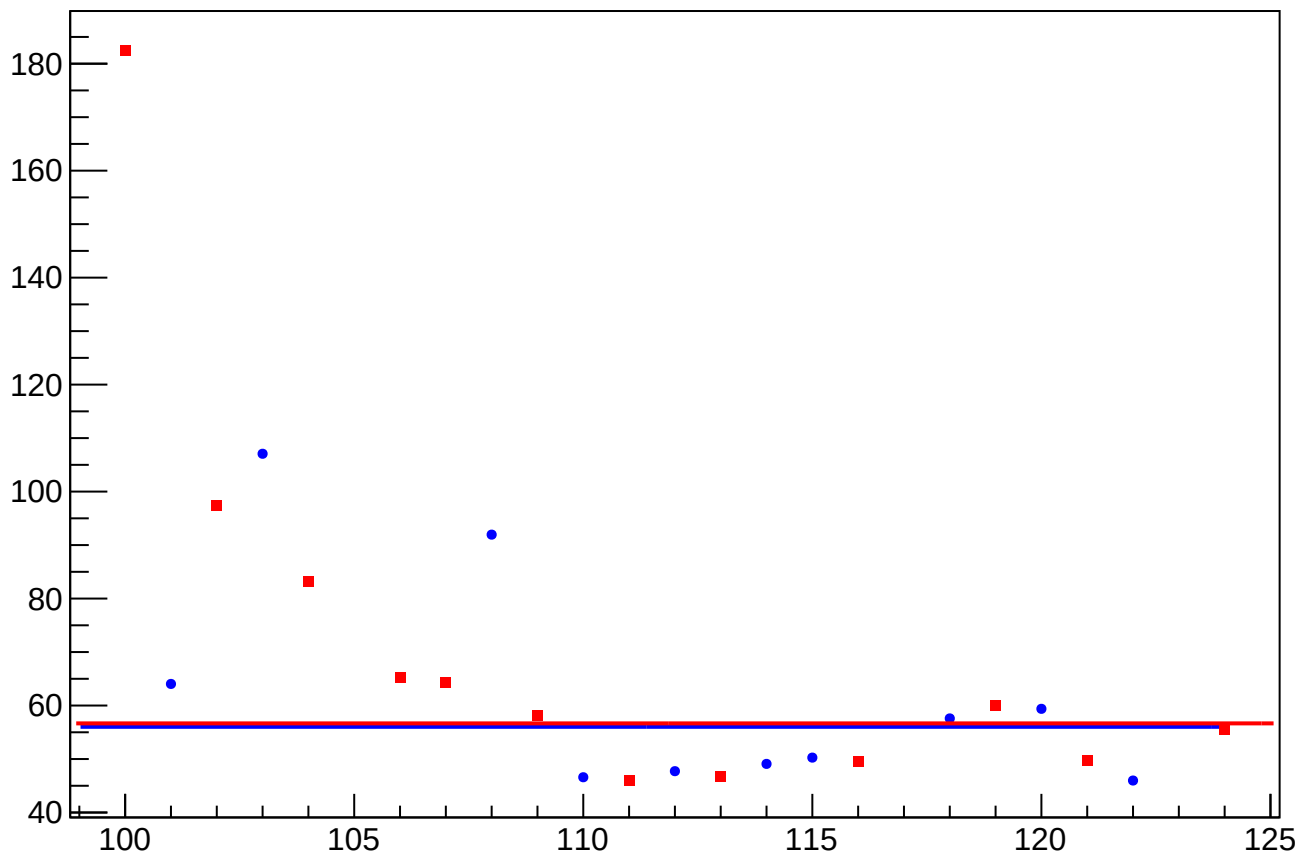
Right: 33.061+/-19.977 χ^2/NDF : 21.3/21

In: -6.590+/-29.021 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.061+/-19.977 χ^2/NDF : 21.3/21

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 56.025+/-0.021 χ^2/NDF : 515817.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.663+/-0.019 χ^2/NDF : 518058.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

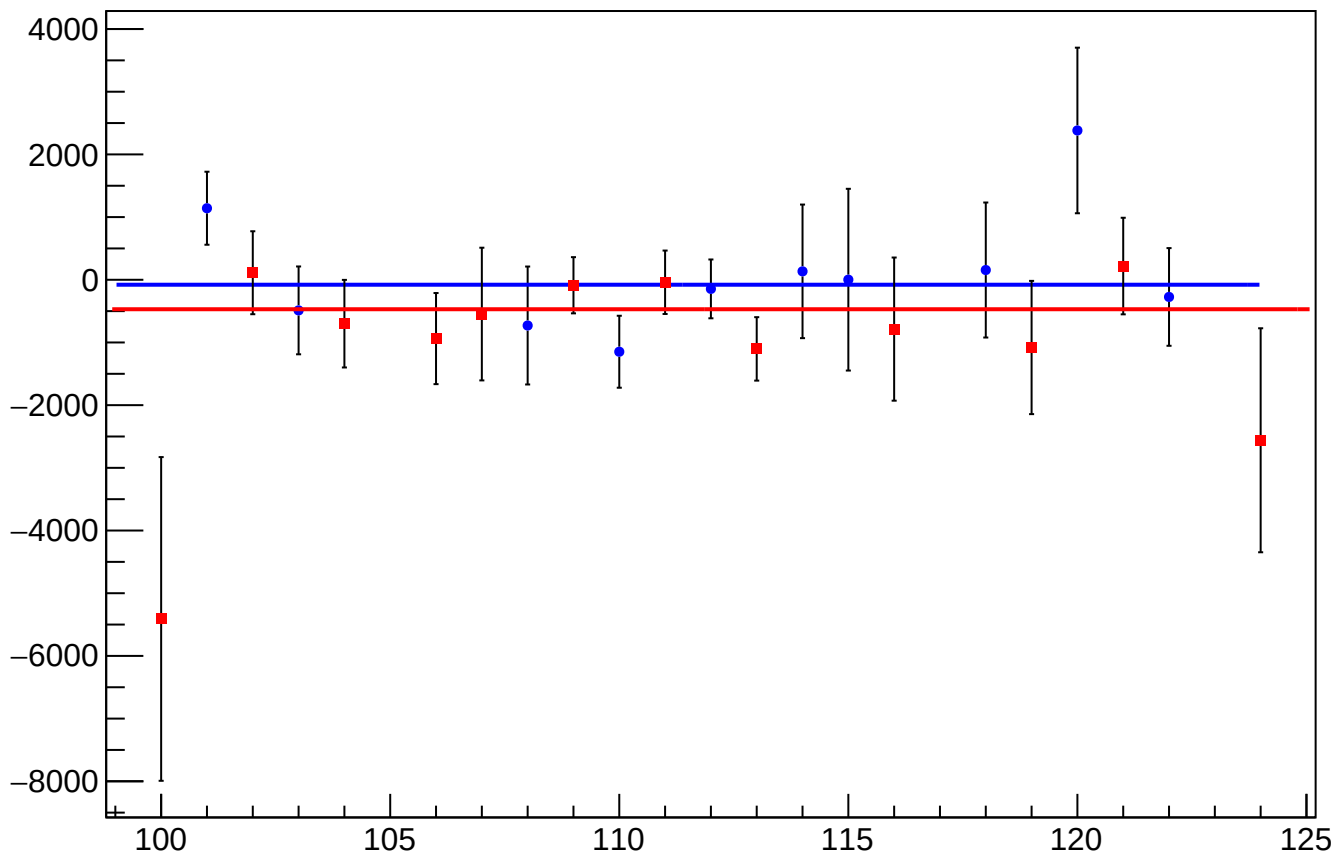
Right: 56.361+/-0.014 χ^2/NDF : 1034385.4/21

In: 56.025+/-0.021 χ^2/NDF : 515817.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.361+/-0.014 χ^2/NDF : 1034385.4/21

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -78.885 ± 234.825 χ^2/NDF : 12.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -469.925 ± 205.370 χ^2/NDF : 10.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

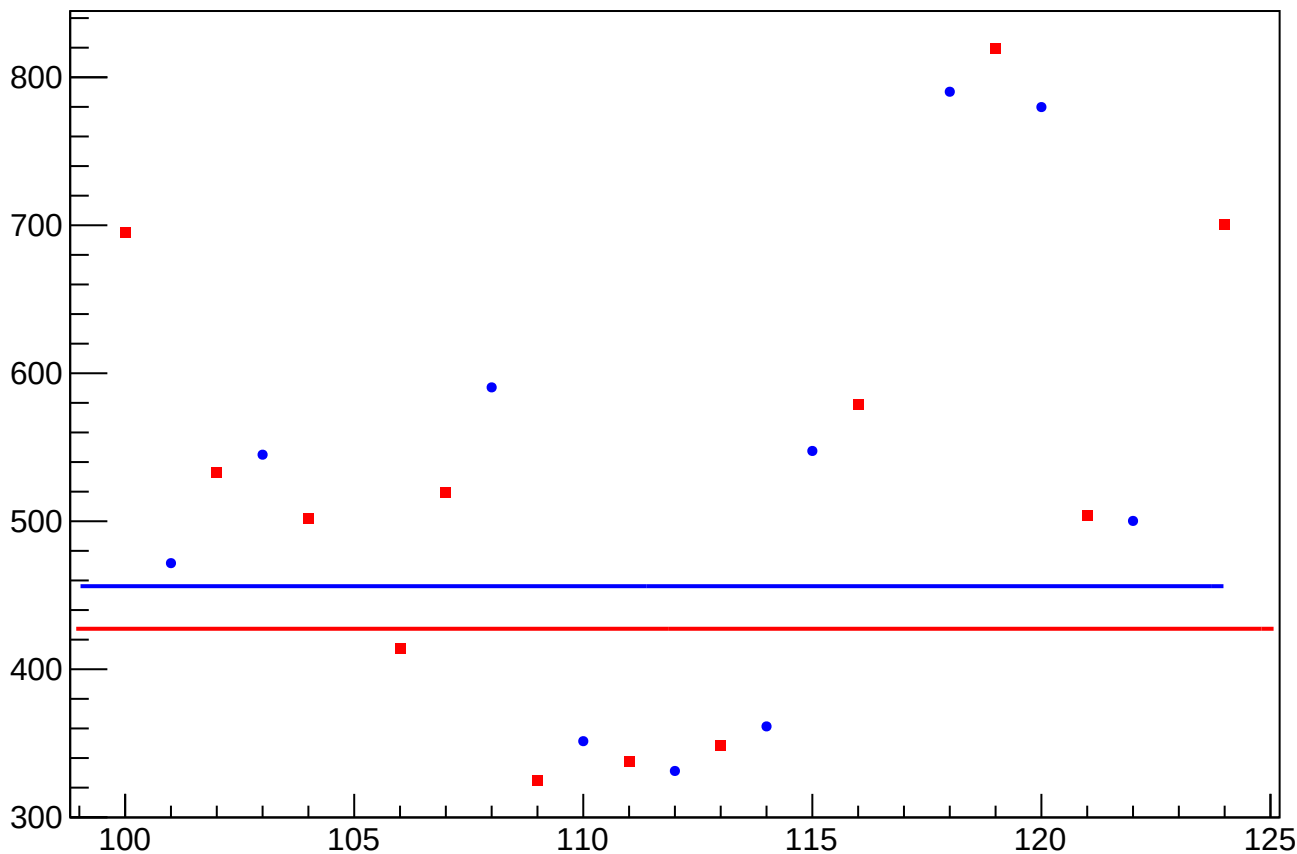
Right: -300.454 ± 154.590 χ^2/NDF : 24.4/21

In: -78.885 ± 234.825 χ^2/NDF : 12.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -300.454 ± 154.590 χ^2/NDF : 24.4/21

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 456.124+/-0.166 χ^2/NDF : 625514.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 427.354+/-0.145 χ^2/NDF : 700173.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

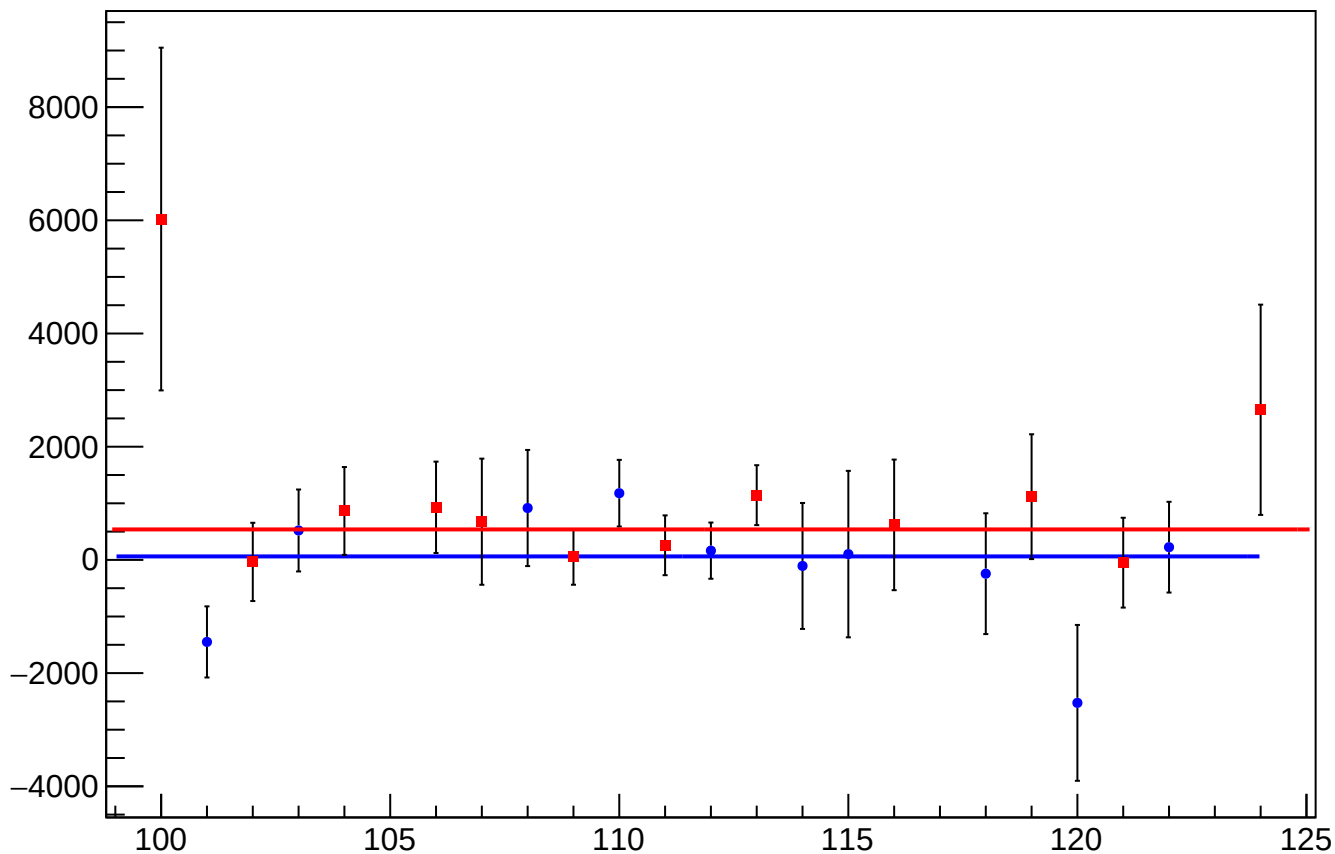
Right: 439.822+/-0.109 χ^2/NDF : 1342699.0/21

In: 456.124+/-0.166 χ^2/NDF : 625514.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.822+/-0.109 χ^2/NDF : 1342699.0/21

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 61.696 $\pm$ 245.717 χ^2 /NDF: 14.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 538.617 $\pm$ 218.457 χ^2 /NDF: 9.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

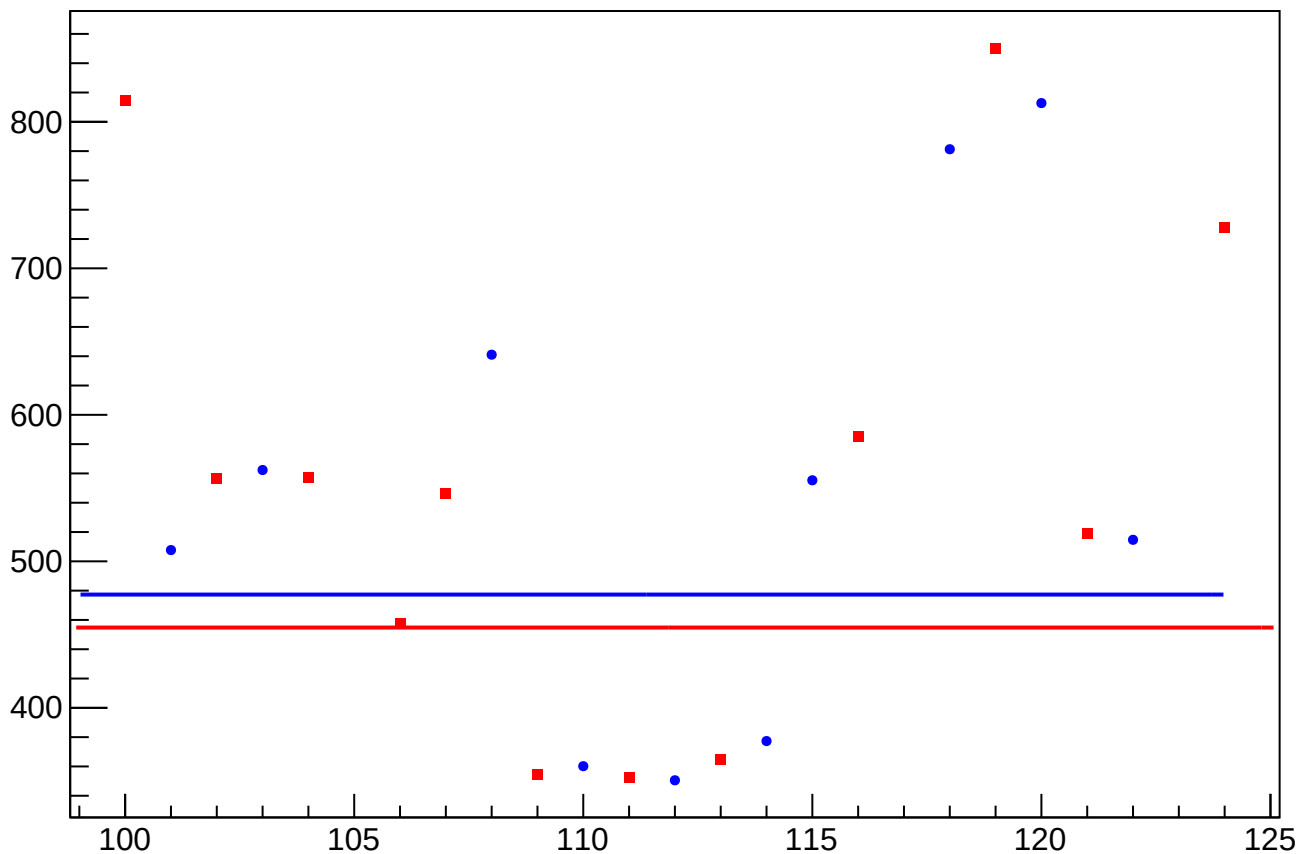
Right: 328.069 $\pm$ 163.263 χ^2 /NDF: 25.4/21

In: 61.696 $\pm$ 245.717 χ^2 /NDF:14.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 328.069 $\pm$ 163.263 χ^2 /NDF: 25.4/21

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 477.318+/-0.174 χ^2/NDF : 599774.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.814+/-0.154 χ^2/NDF : 674310.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

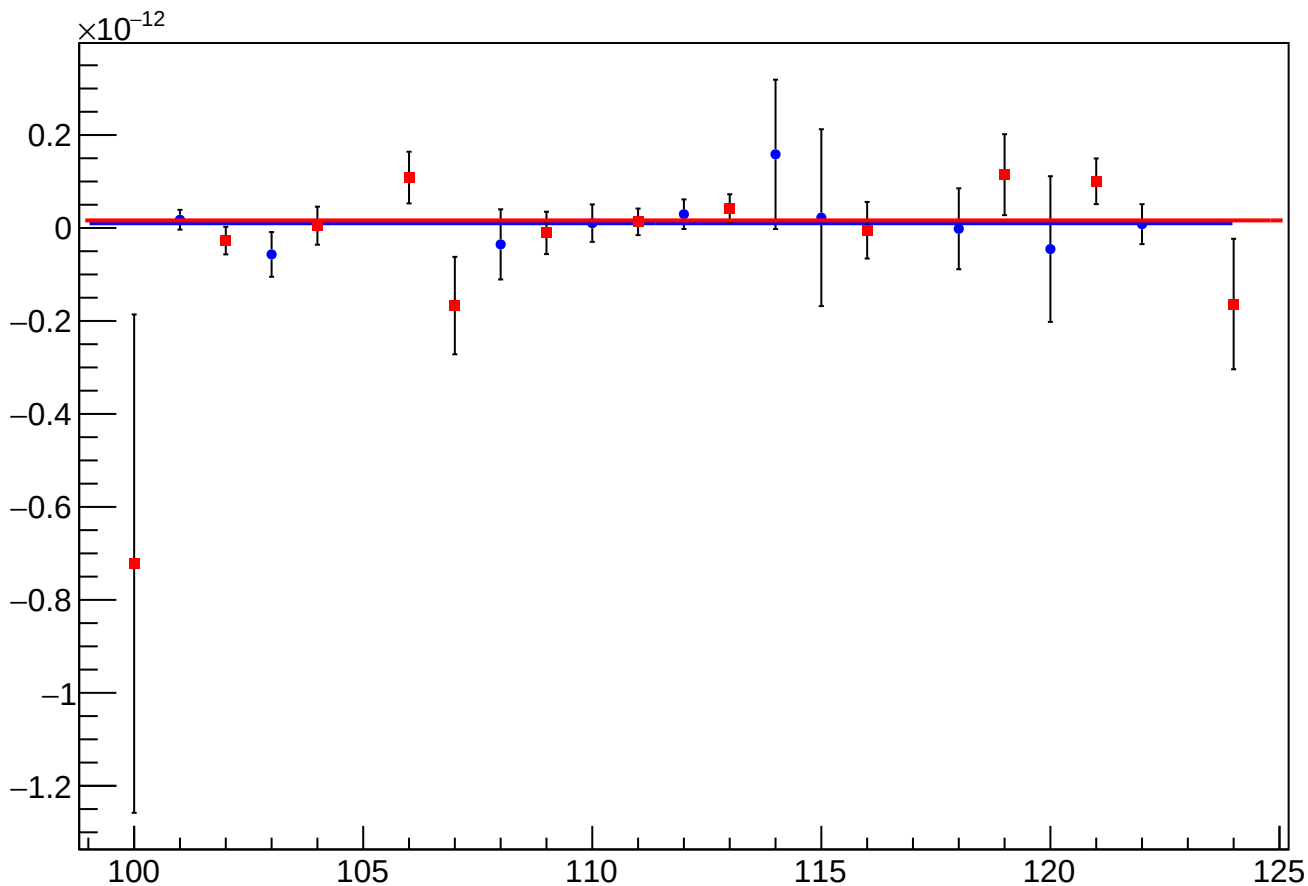
Right: 464.749+/-0.115 χ^2/NDF : 1283454.0/21

In: 477.318+/-0.174 χ^2/NDF : 599774.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.749+/-0.115 χ^2/NDF : 1283454.0/21

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

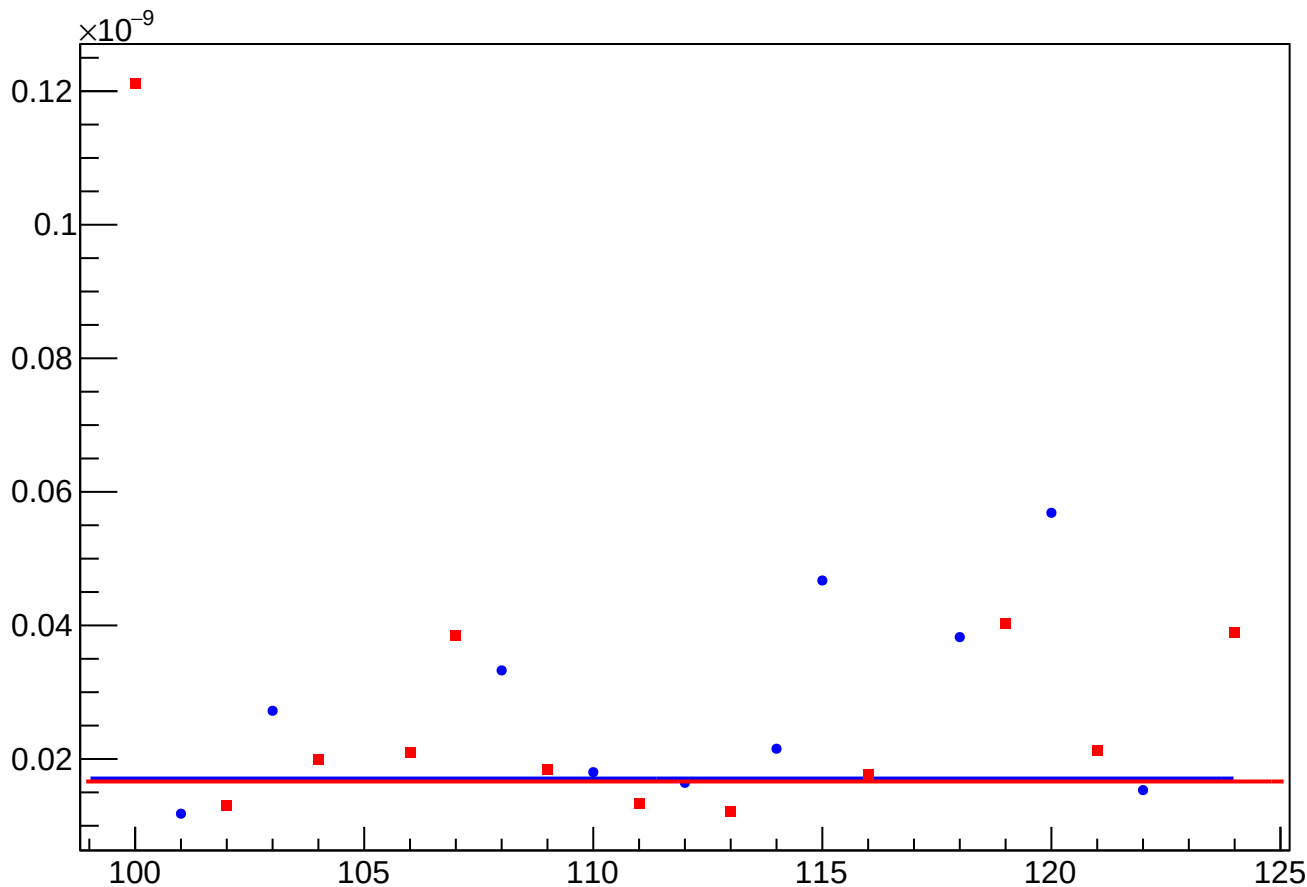
Right: 0.000+/-0.000 χ^2/NDF : 20.9/21

In: 0.000+/-0.000 χ^2/NDF : 3.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.9/21

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 606422.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 505374.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

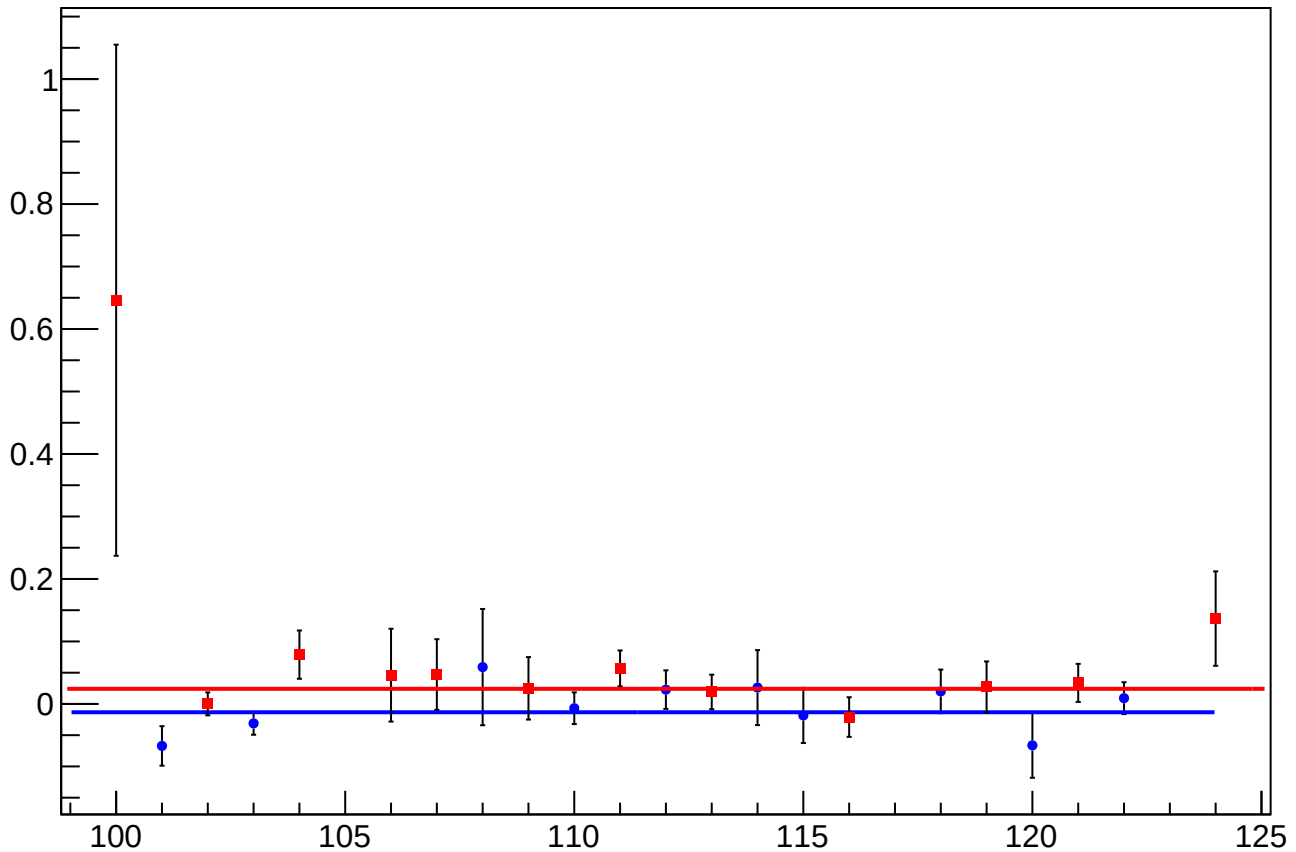
Right: 0.000+/-0.000 χ^2/NDF : 1112865.9/21

In: 0.000+/-0.000 χ^2/NDF : 606422.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1112865.9/21

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.010 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.024+/-0.010 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

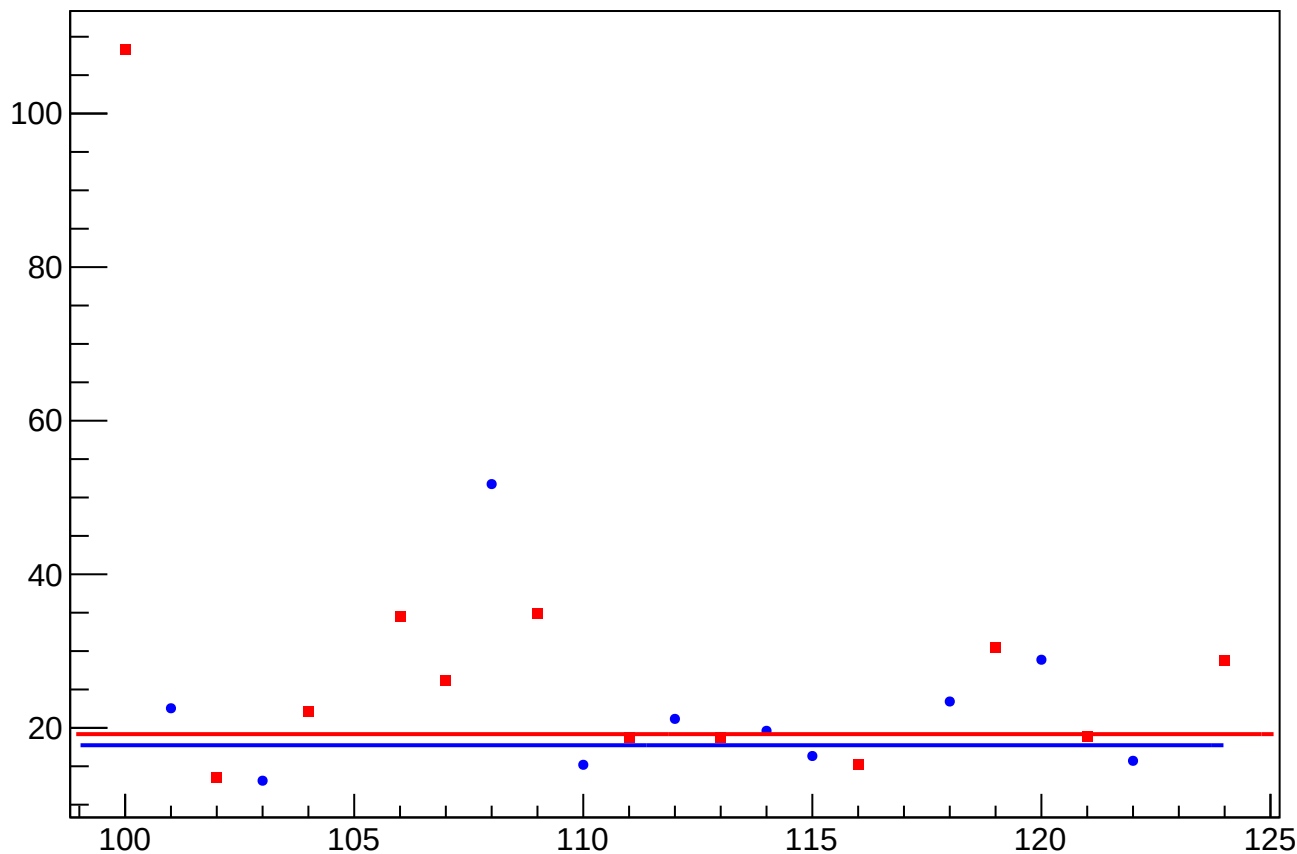
Right: 0.005+/-0.007 χ^2/NDF : 28.2/21

In: -0.013+/-0.010 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.007 χ^2/NDF : 28.2/21

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.739+/-0.007 χ^2/NDF : 648720.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.186+/-0.007 χ^2/NDF : 820540.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

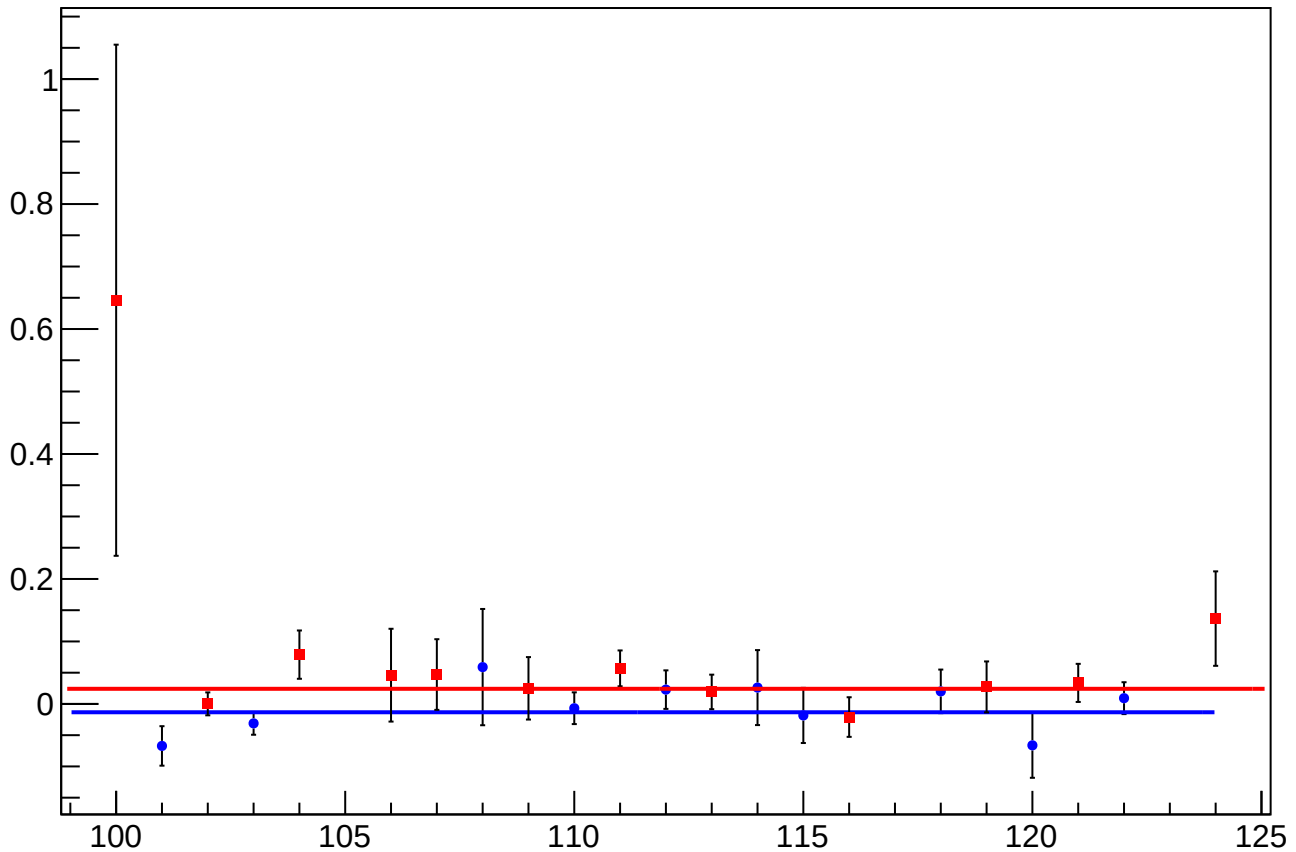
Right: 18.450+/-0.005 χ^2/NDF : 1490343.2/21

In: 17.739+/-0.007 χ^2/NDF : 648720.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.450+/-0.005 χ^2/NDF : 1490343.2/21

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.010 χ^2/NDF : 9.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.010 χ^2/NDF : 12.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

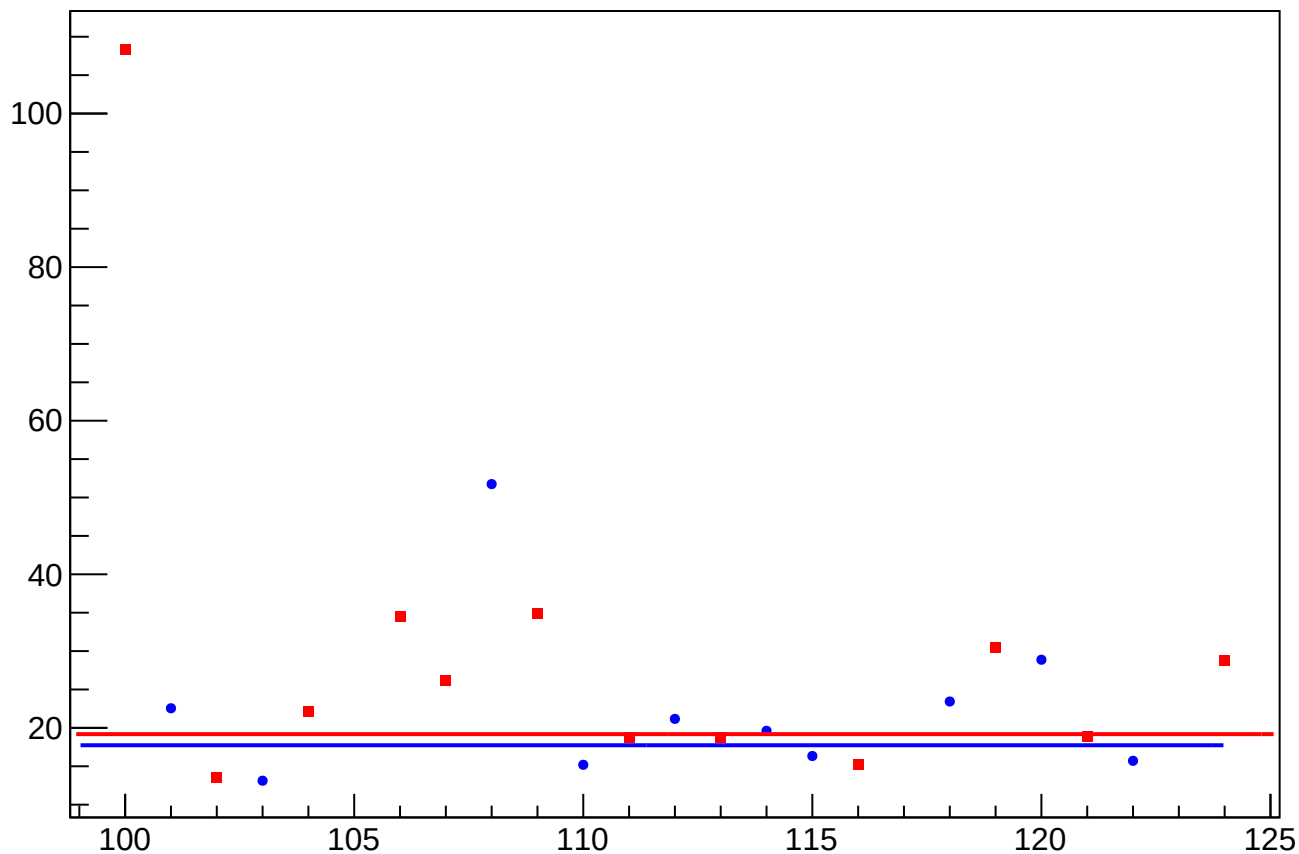
Right: 0.005 ± 0.007 χ^2/NDF : 28.2/21

In: -0.013 ± 0.010 χ^2/NDF : 9.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.005 ± 0.007 χ^2/NDF : 28.2/21

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.739+/-0.007 χ^2/NDF : 648720.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.186+/-0.007 χ^2/NDF : 820540.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

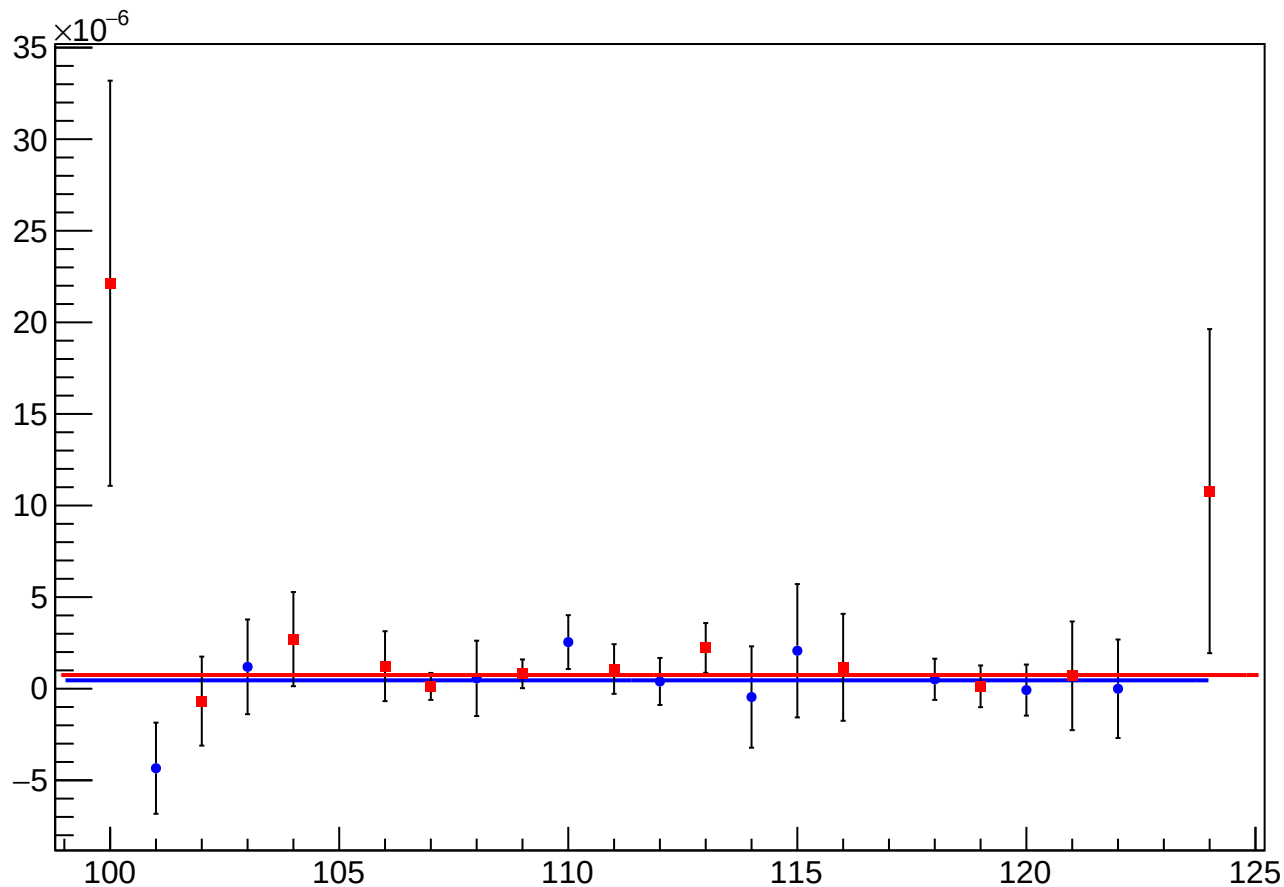
Right: 18.450+/-0.005 χ^2/NDF : 1490343.2/21

In: 17.739+/-0.007 χ^2/NDF : 648720.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.450+/-0.005 χ^2/NDF : 1490343.2/21

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

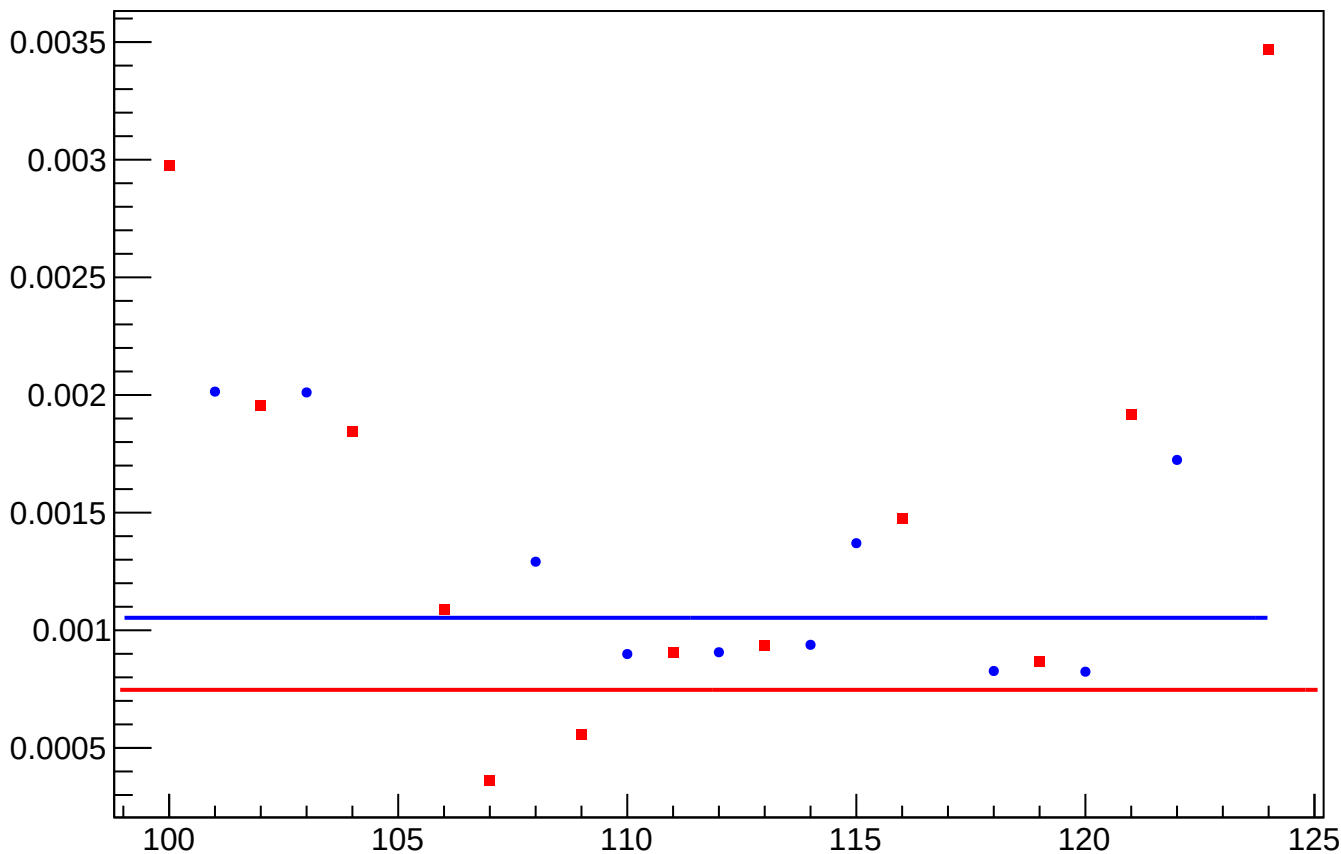
Right: 0.000+/-0.000 χ^2/NDF : 14.8/21

In: 0.000+/-0.000 χ^2/NDF : 6.3/9

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_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 925956.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2387166.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

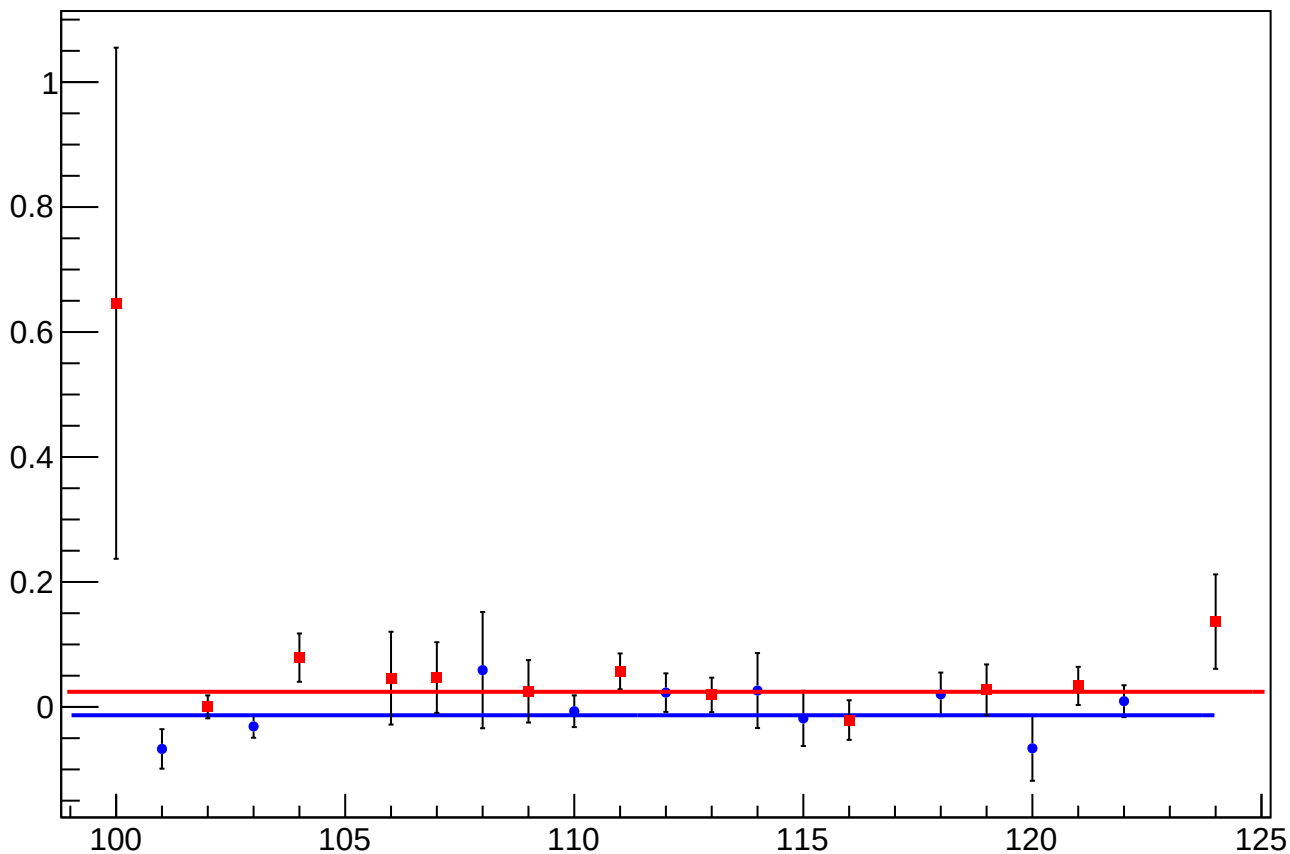
Right: 0.001+/-0.000 χ^2/NDF : 3713744.1/21

In: 0.001+/-0.000 χ^2/NDF : 925956.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3713744.1/21

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.010 χ^2 /NDF: 9.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.010 χ^2 /NDF: 12.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

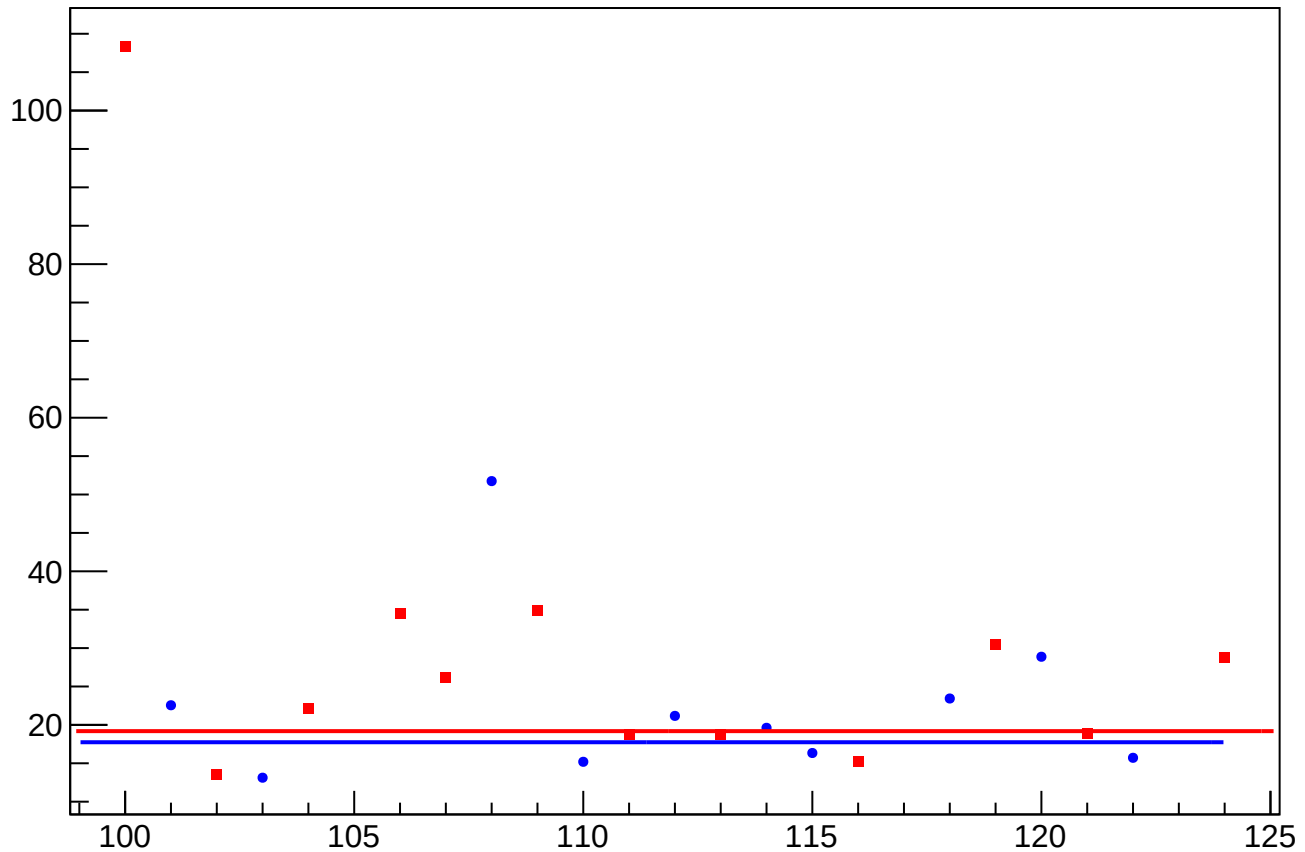
Right: 0.005 $\pm$ 0.007 χ^2 /NDF: 28.2/21

In: -0.013 $\pm$ 0.010 χ^2 /NDF:9.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.007 χ^2 /NDF: 28.2/21

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.740+/-0.007 χ^2/NDF : 648664.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.187+/-0.007 χ^2/NDF : 820414.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

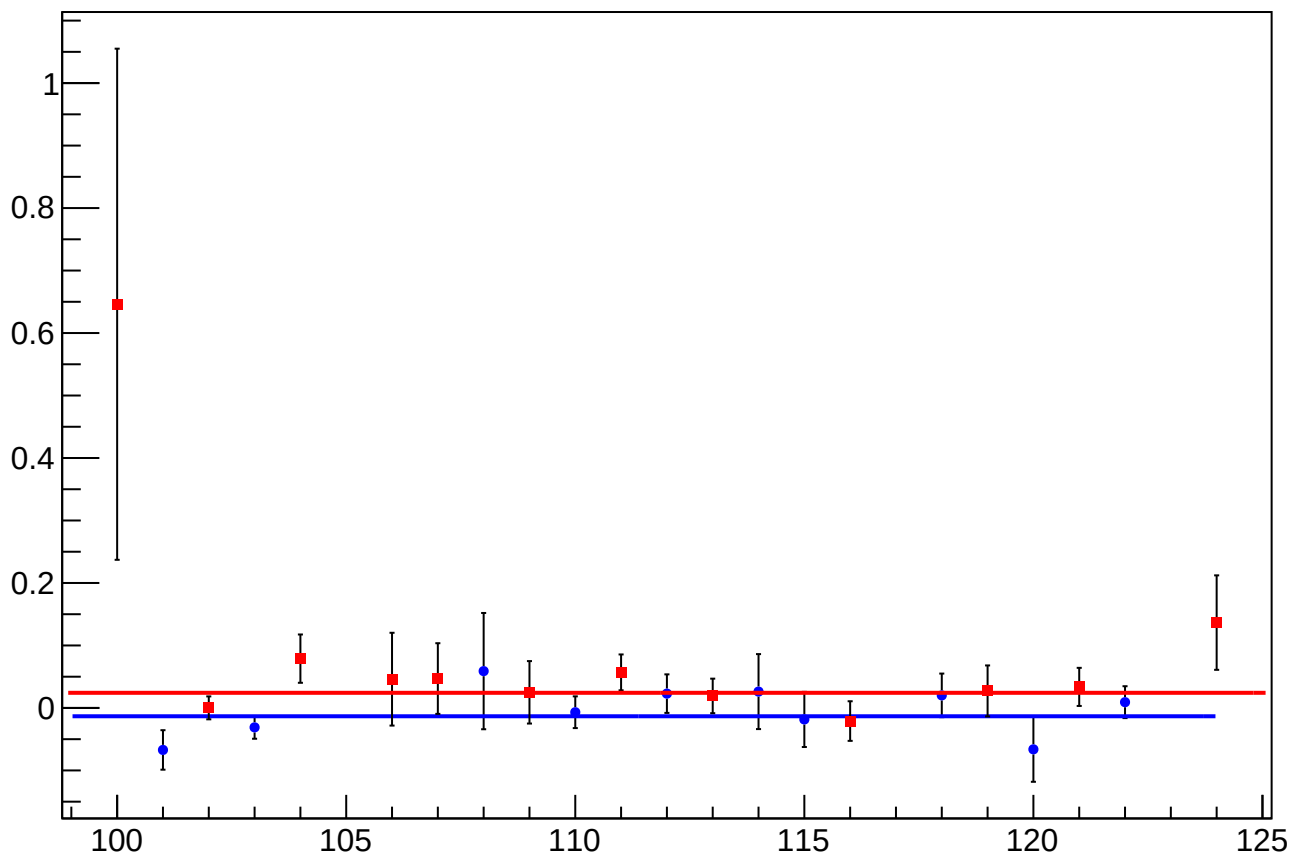
Right: 18.451+/-0.005 χ^2/NDF : 1490166.8/21

In: 17.740+/-0.007 χ^2/NDF : 648664.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.451+/-0.005 χ^2/NDF : 1490166.8/21

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.010 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.024+/-0.010 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

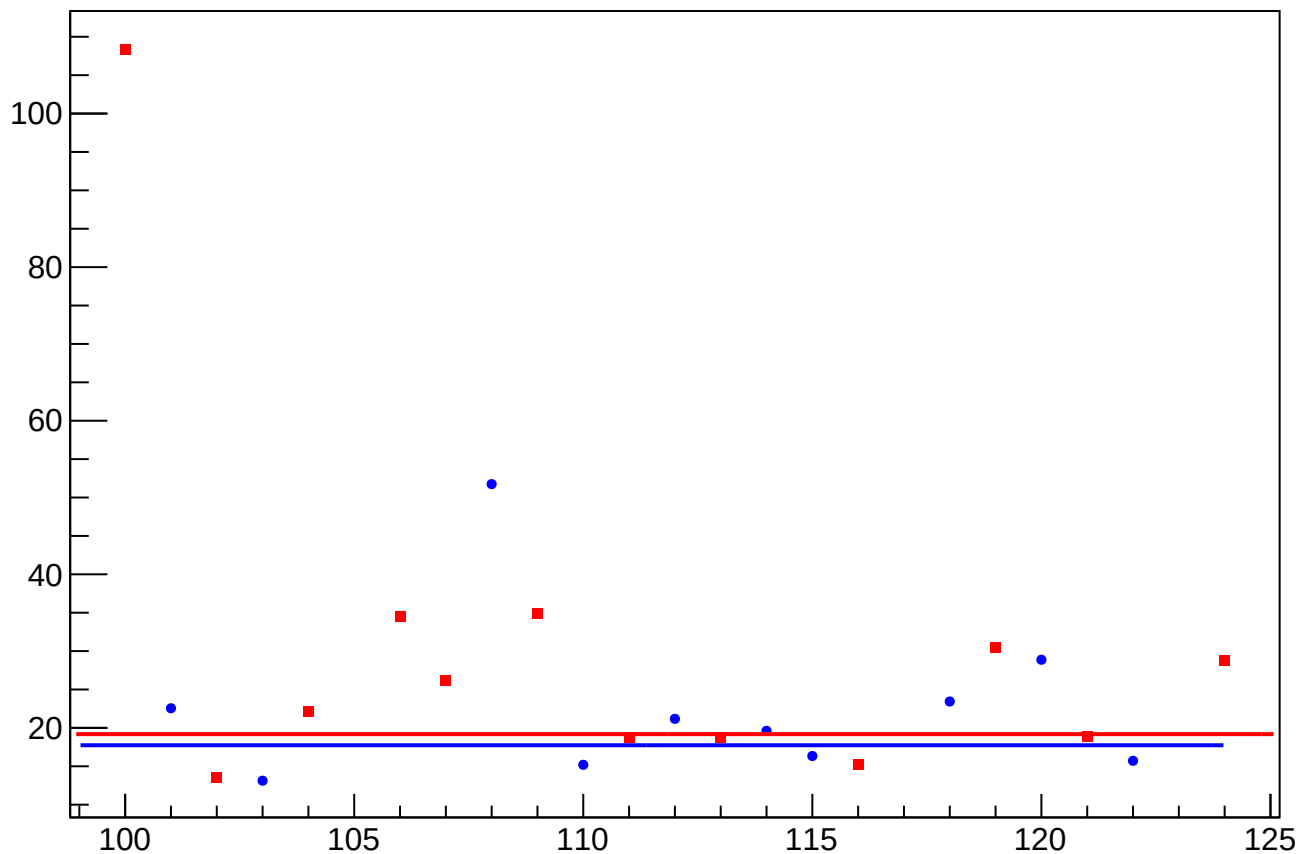
Right: 0.005+/-0.007 χ^2/NDF : 28.2/21

In: -0.013+/-0.010 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.007 χ^2/NDF : 28.2/21

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.740+/-0.007 χ^2/NDF : 648664.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.187+/-0.007 χ^2/NDF : 820414.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

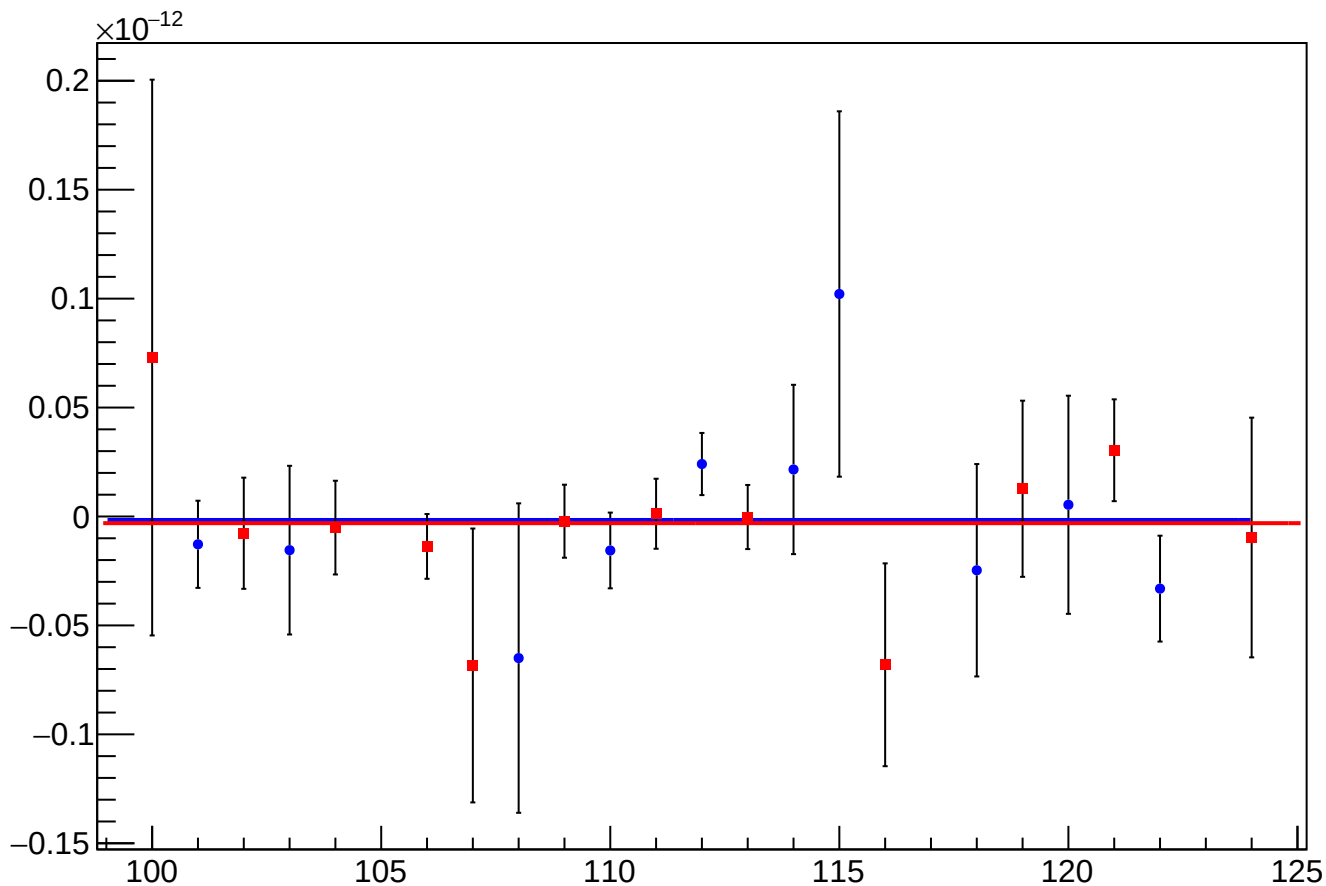
Right: 18.451+/-0.005 χ^2/NDF : 1490166.8/21

In: 17.740+/-0.007 χ^2/NDF : 648664.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.451+/-0.005 χ^2/NDF : 1490166.8/21

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

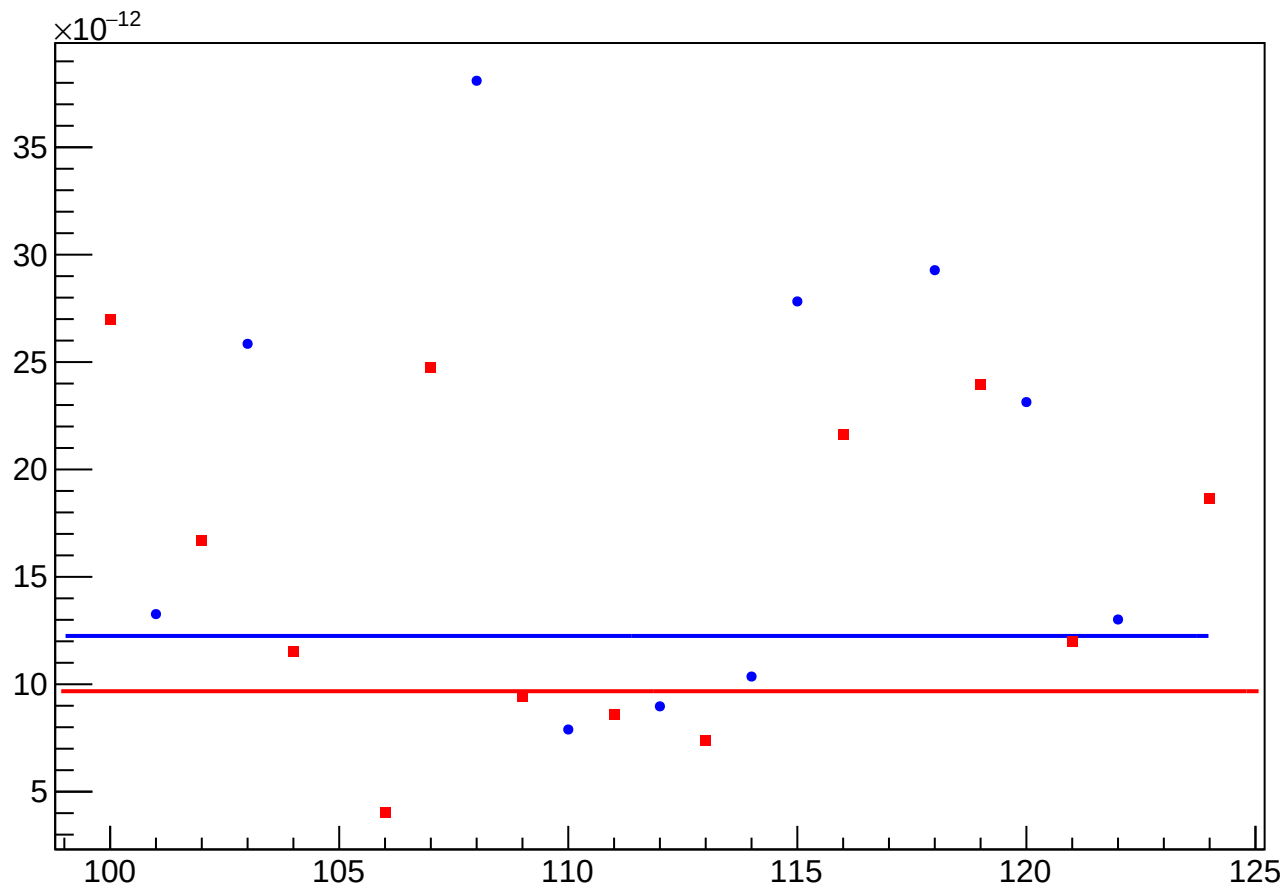
Right: -0.000+/-0.000 χ^2/NDF : 15.2/21

In: -0.000+/-0.000 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.2/21

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1162270.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1119747.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

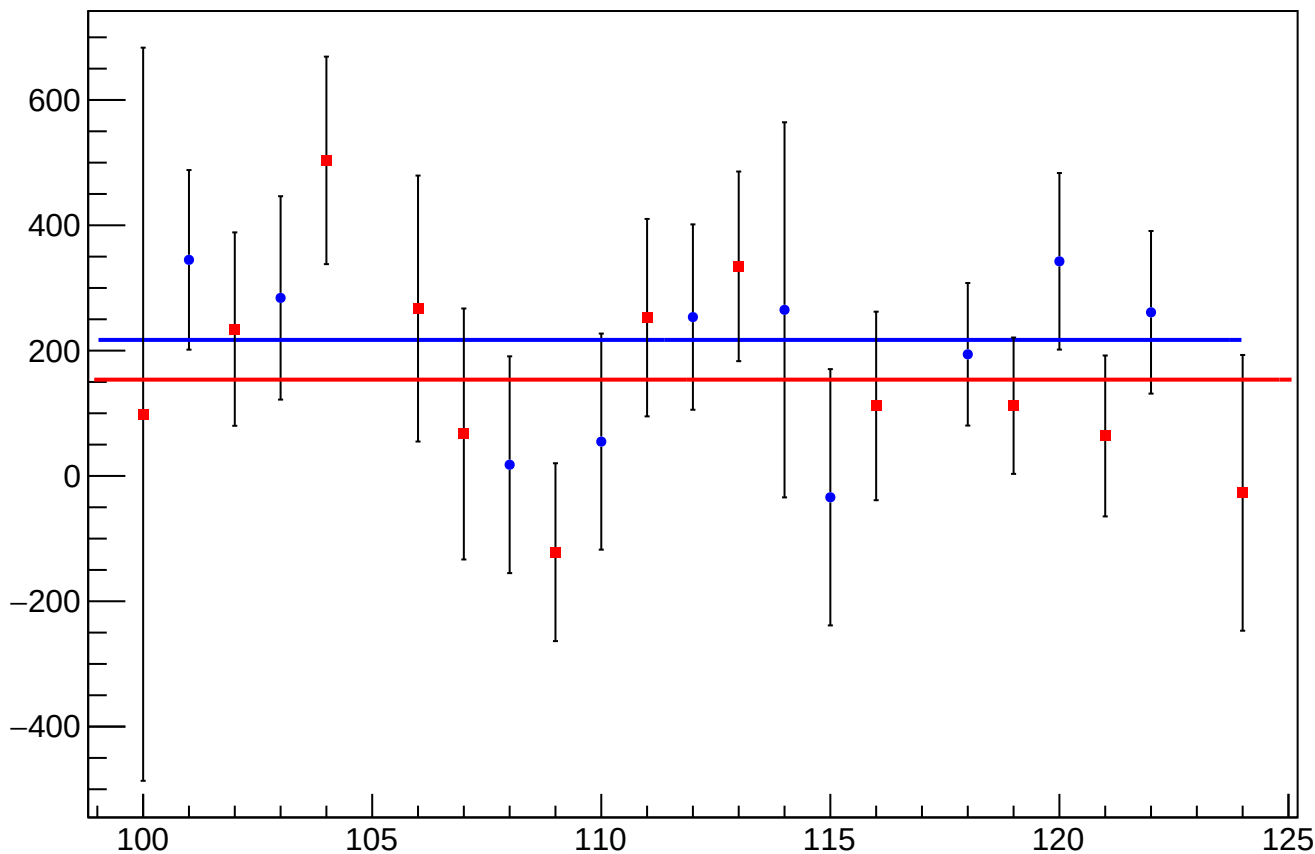
Right: 0.000+/-0.000 χ^2/NDF : 2403443.0/21

In: 0.000+/-0.000 χ^2/NDF : 1162270.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2403443.0/21

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 217.108 $\pm$ 48.704 χ^2 /NDF: 5.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.697 $\pm$ 46.024 χ^2 /NDF: 12.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

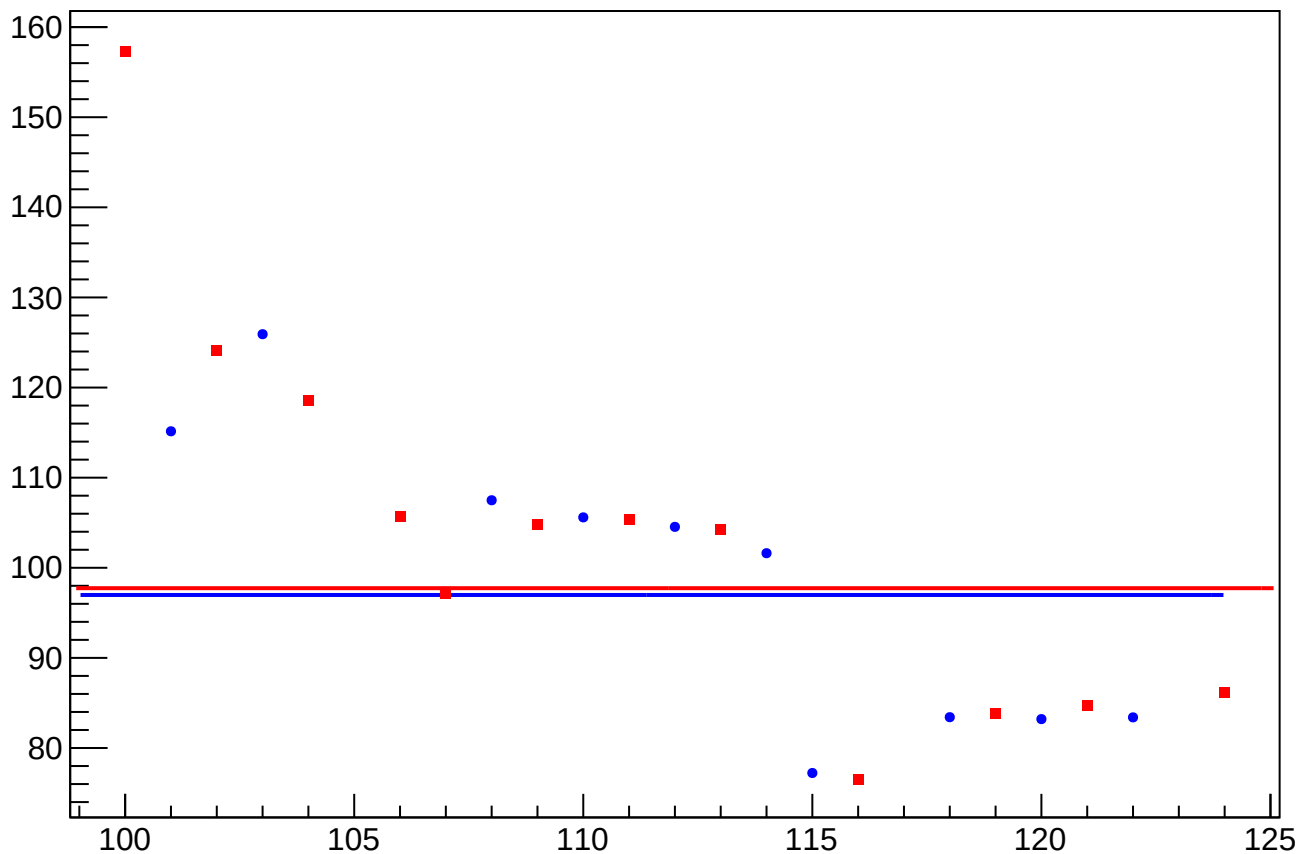
Right: 183.610 $\pm$ 33.451 χ^2 /NDF: 18.8/21

In: 217.108 $\pm$ 48.704 χ^2 /NDF:5.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.610 $\pm$ 33.451 χ^2 /NDF: 18.8/21

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 96.983+/-0.034 χ^2/NDF : 201936.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.736+/-0.033 χ^2/NDF : 225312.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

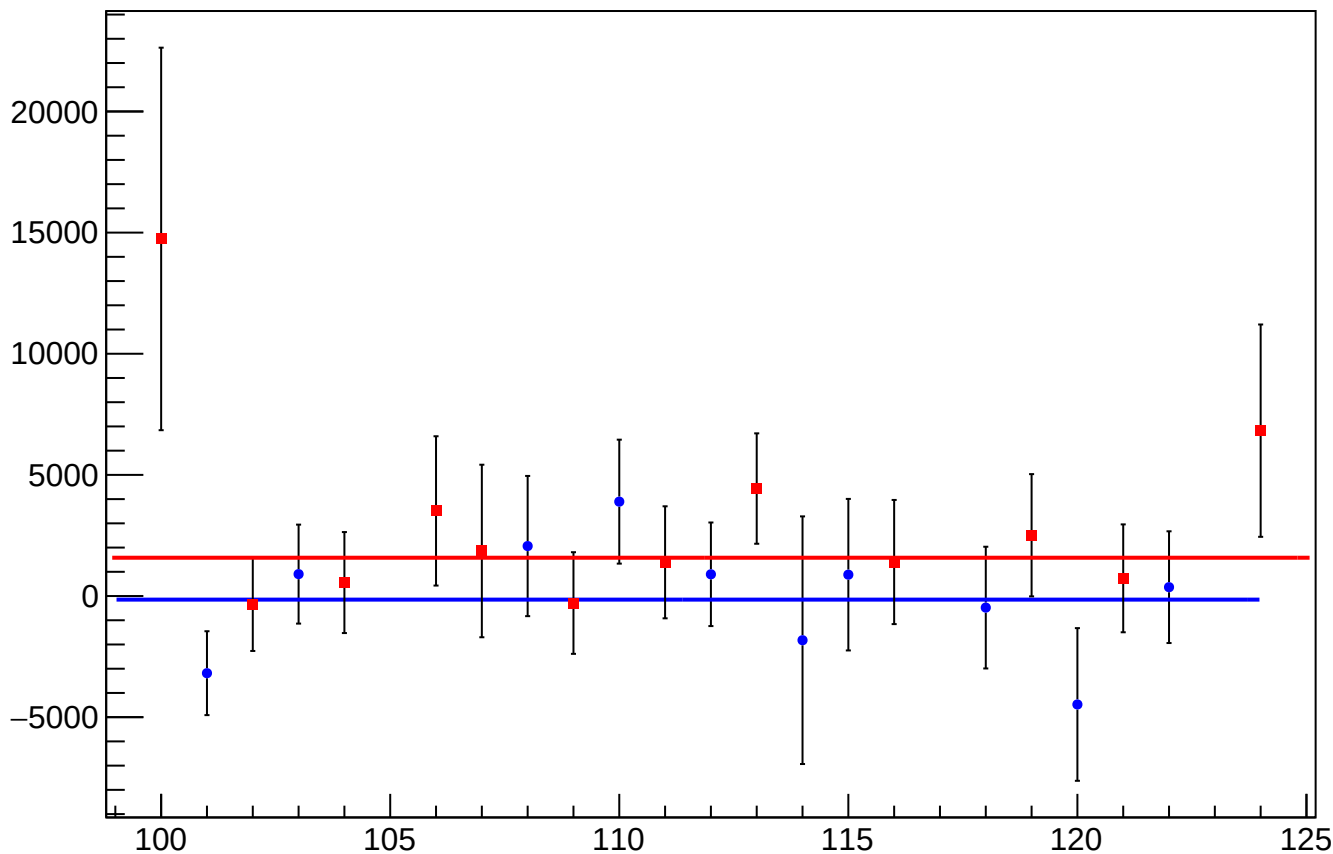
Right: 97.380+/-0.024 χ^2/NDF : 427501.1/21

In: 96.983+/-0.034 χ^2/NDF : 201936.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.380+/-0.024 χ^2/NDF : 427501.1/21

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -148.184+/-777.955 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.126+/-731.757 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

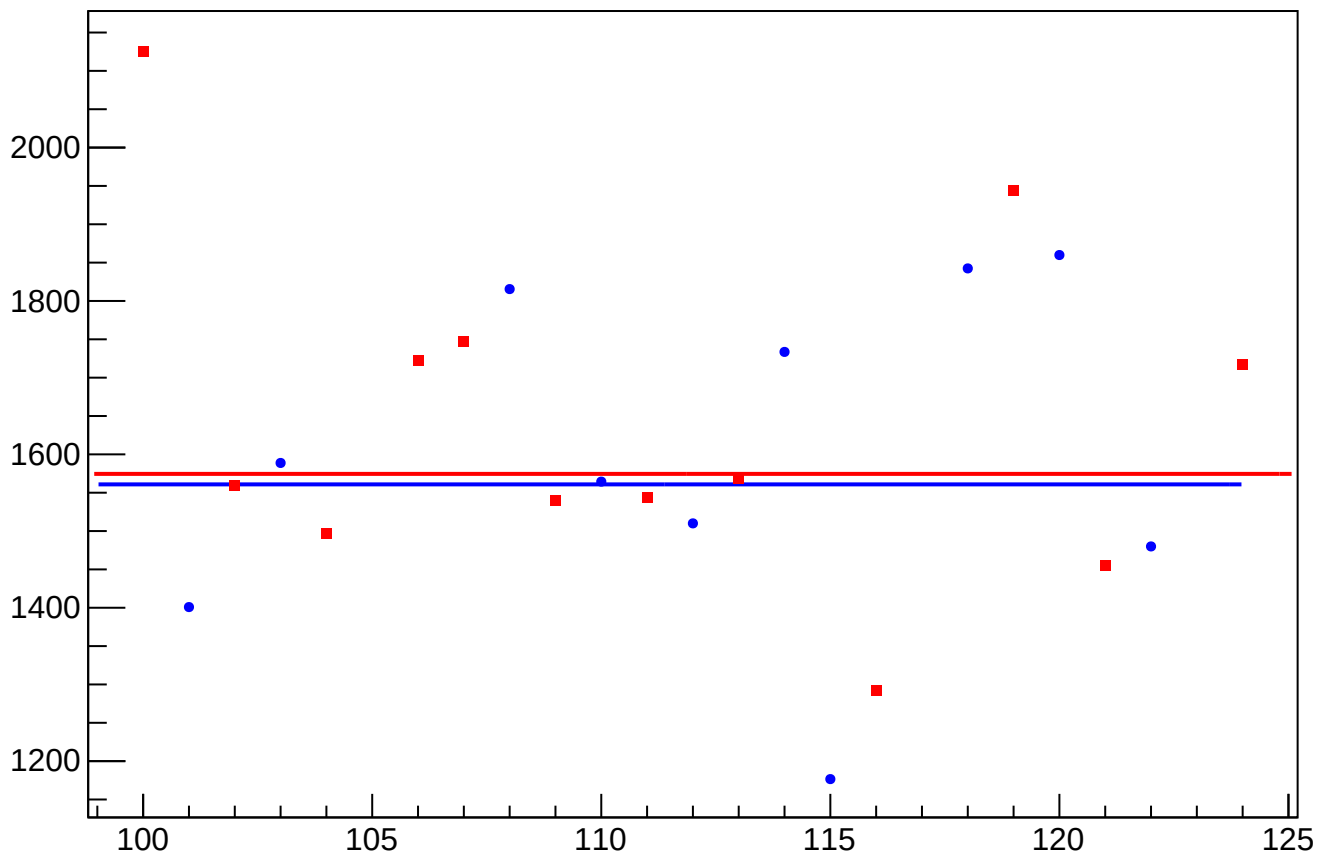
Right: 769.340+/-533.014 χ^2/NDF : 19.9/21

In: -148.184+/-777.955 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.340+/-533.014 χ^2/NDF : 19.9/21

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1560.856+/-0.550 χ^2/NDF : 112164.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1574.536+/-0.517 χ^2/NDF : 97995.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

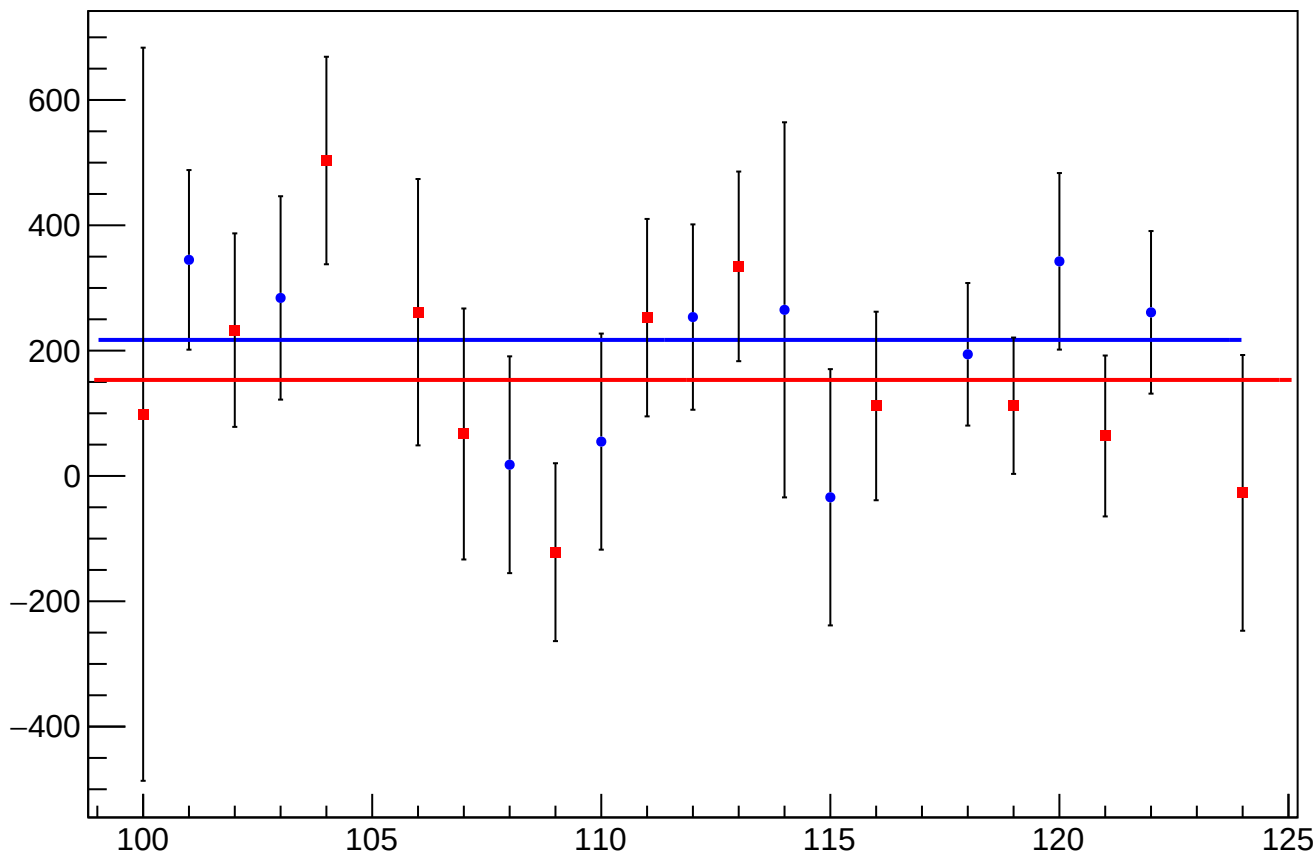
Right: 1568.114+/-0.377 χ^2/NDF : 210488.3/21

In: 1560.856+/-0.550 χ^2/NDF : 112164.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.114+/-0.377 χ^2/NDF : 210488.3/21

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 217.106 $\pm$ 48.704 χ^2 /NDF: 5.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.234 $\pm$ 46.029 χ^2 /NDF: 12.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

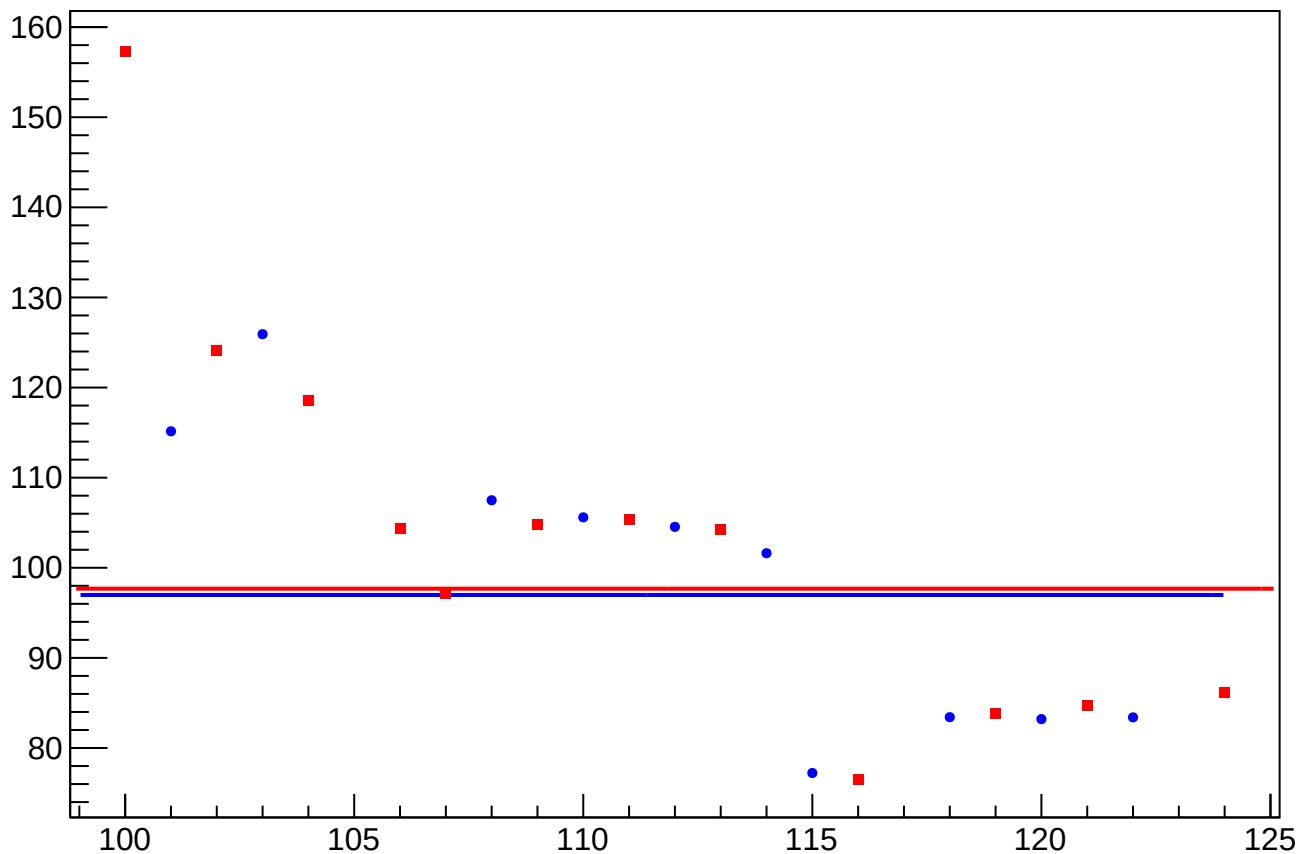
Right: 183.367 $\pm$ 33.453 χ^2 /NDF: 18.8/21

In: 217.106 $\pm$ 48.704 χ^2 /NDF:5.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.367 $\pm$ 33.453 χ^2 /NDF: 18.8/21

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 96.983+/-0.034 χ^2/NDF : 201937.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 97.677+/-0.033 χ^2/NDF : 224672.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

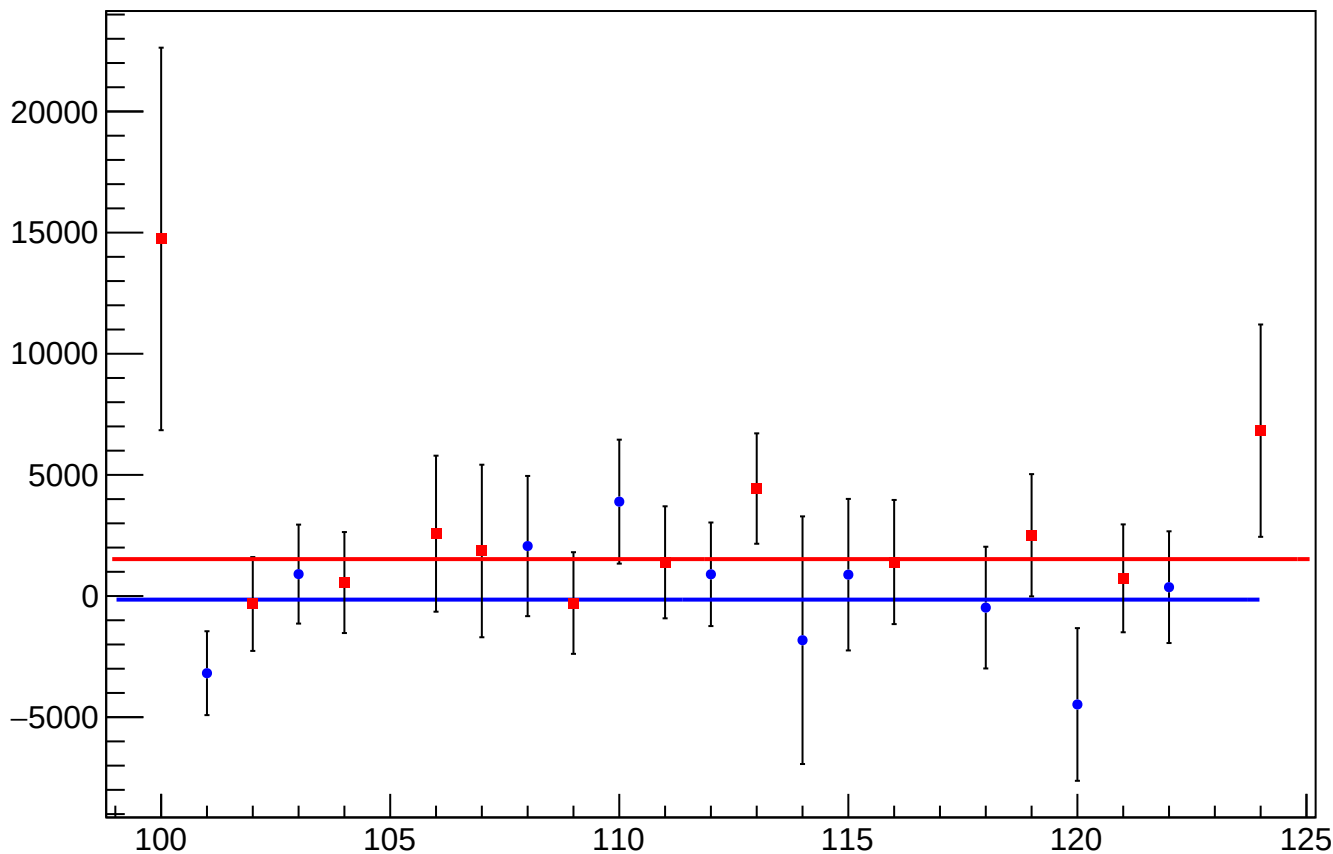
Right: 97.349+/-0.024 χ^2/NDF : 426824.6/21

In: 96.983+/-0.034 χ^2/NDF :201937.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.349+/-0.024 χ^2/NDF : 426824.6/21

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -148.124+/-777.959 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1523.839+/-733.542 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

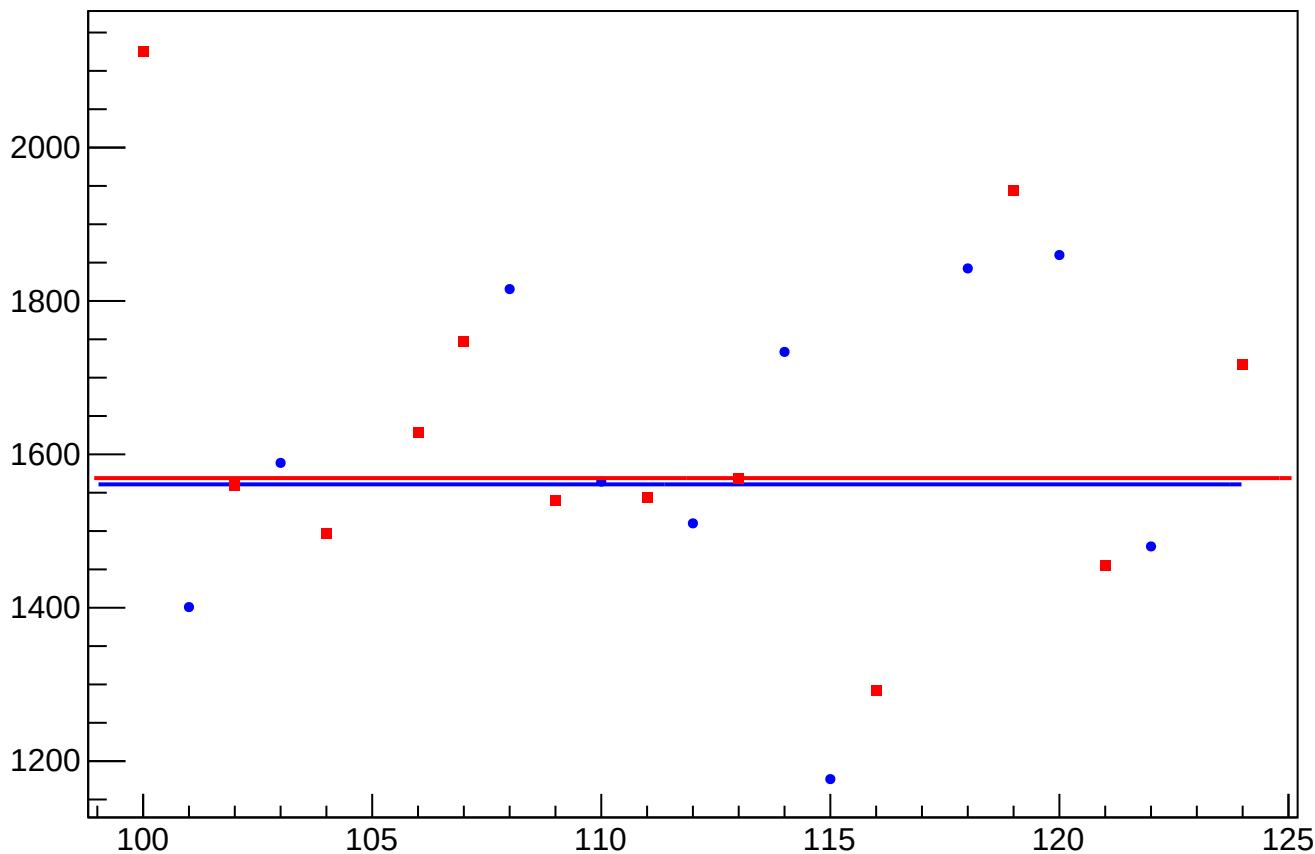
Right: 736.948+/-533.704 χ^2/NDF : 19.5/21

In: -148.124+/-777.959 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 736.948+/-533.704 χ^2/NDF : 19.5/21

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1560.864+/-0.550 χ^2/NDF : 112166.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1569.043+/-0.519 χ^2/NDF : 93827.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

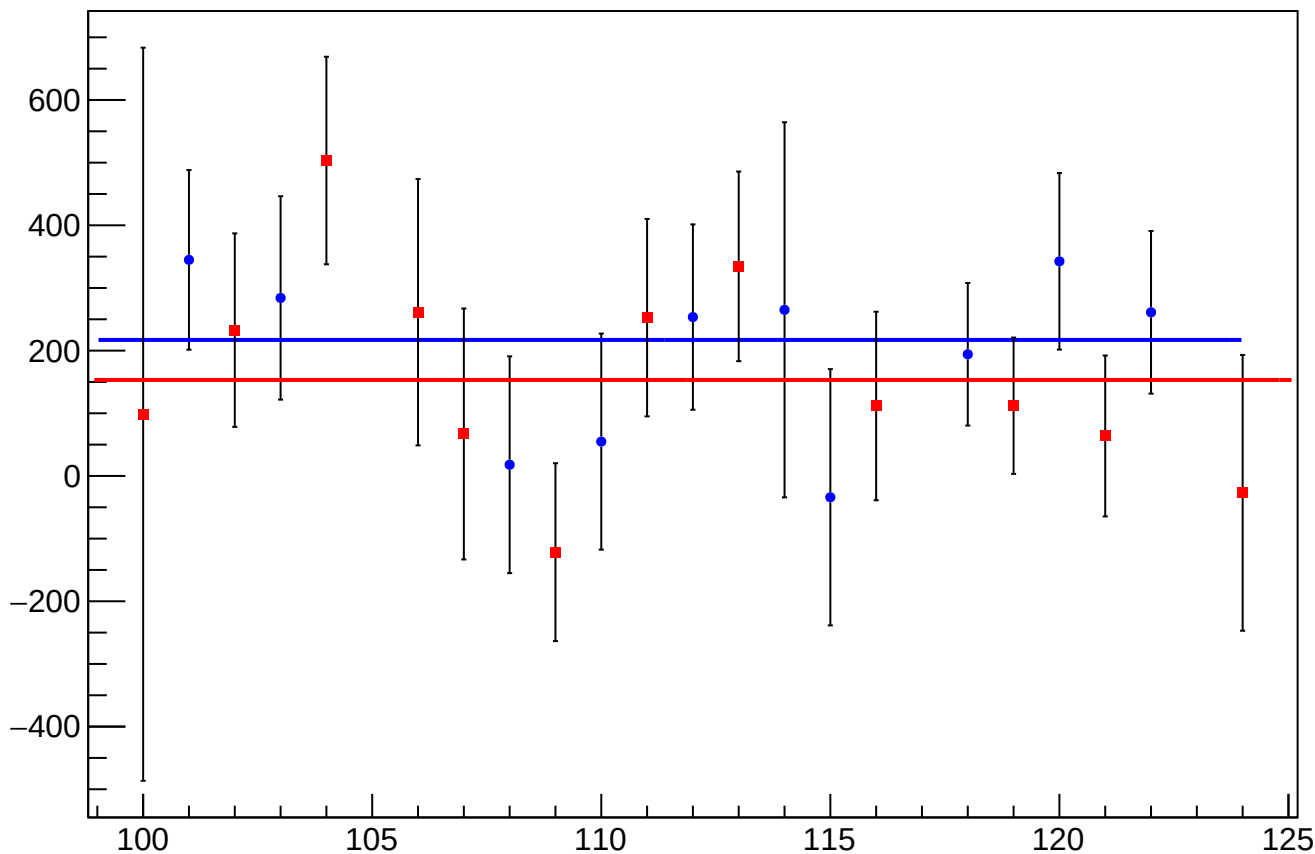
Right: 1565.194+/-0.377 χ^2/NDF : 206111.1/21

In: 1560.864+/-0.550 χ^2/NDF : 112166.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.194+/-0.377 χ^2/NDF : 206111.1/21

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 217.106 $\pm$ 48.704 χ^2 /NDF: 5.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.234 $\pm$ 46.029 χ^2 /NDF: 12.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

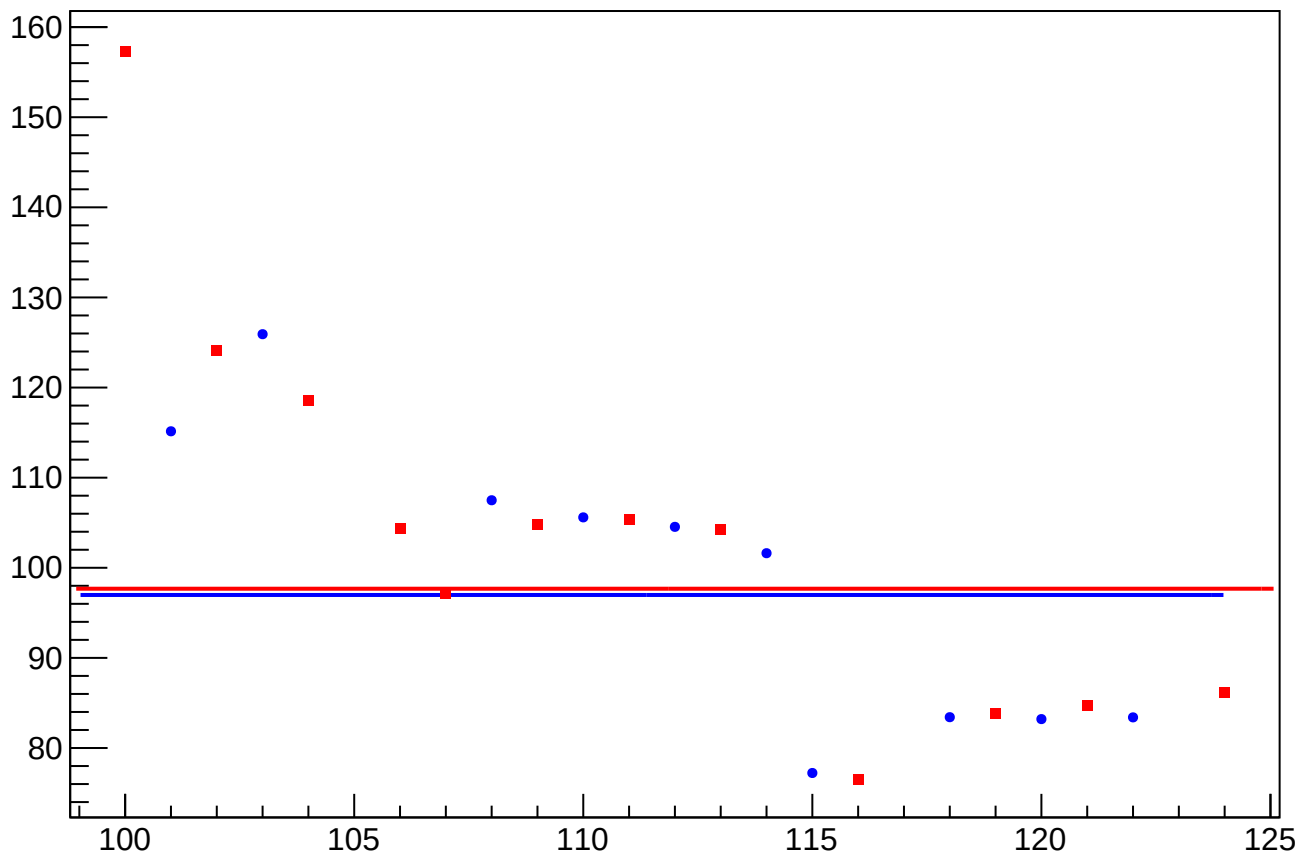
Right: 183.367 $\pm$ 33.453 χ^2 /NDF: 18.8/21

In: 217.106 $\pm$ 48.704 χ^2 /NDF:5.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.367 $\pm$ 33.453 χ^2 /NDF: 18.8/21

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 96.983+/-0.034 χ^2/NDF : 201937.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.677+/-0.033 χ^2/NDF : 224672.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

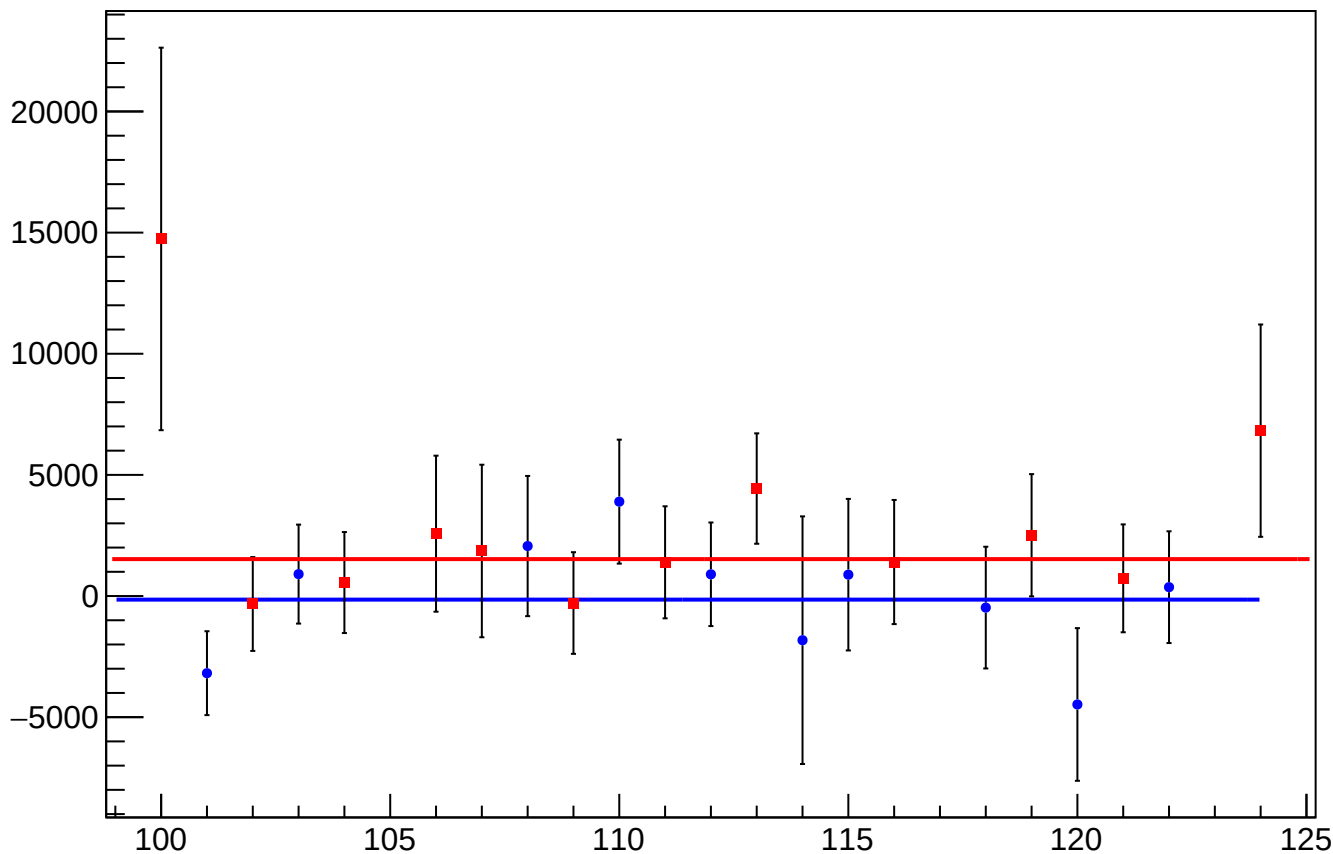
Right: 97.349+/-0.024 χ^2/NDF : 426824.6/21

In: 96.983+/-0.034 χ^2/NDF : 201937.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.349+/-0.024 χ^2/NDF : 426824.6/21

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -148.124+/-777.959 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1523.839+/-733.542 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

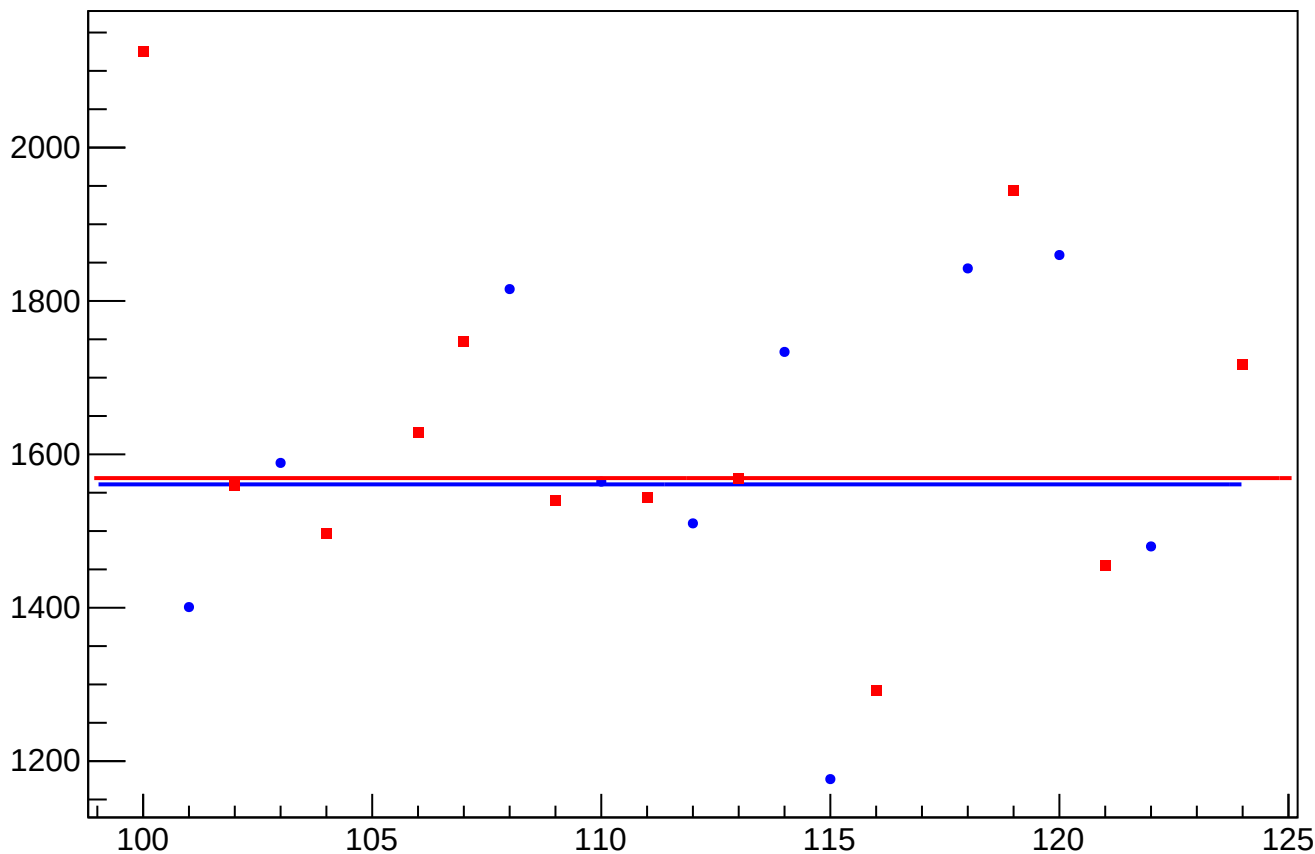
Right: 736.948+/-533.704 χ^2/NDF : 19.5/21

In: -148.124+/-777.959 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 736.948+/-533.704 χ^2/NDF : 19.5/21

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1560.864+/-0.550 χ^2/NDF : 112166.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1569.043+/-0.519 χ^2/NDF : 93827.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

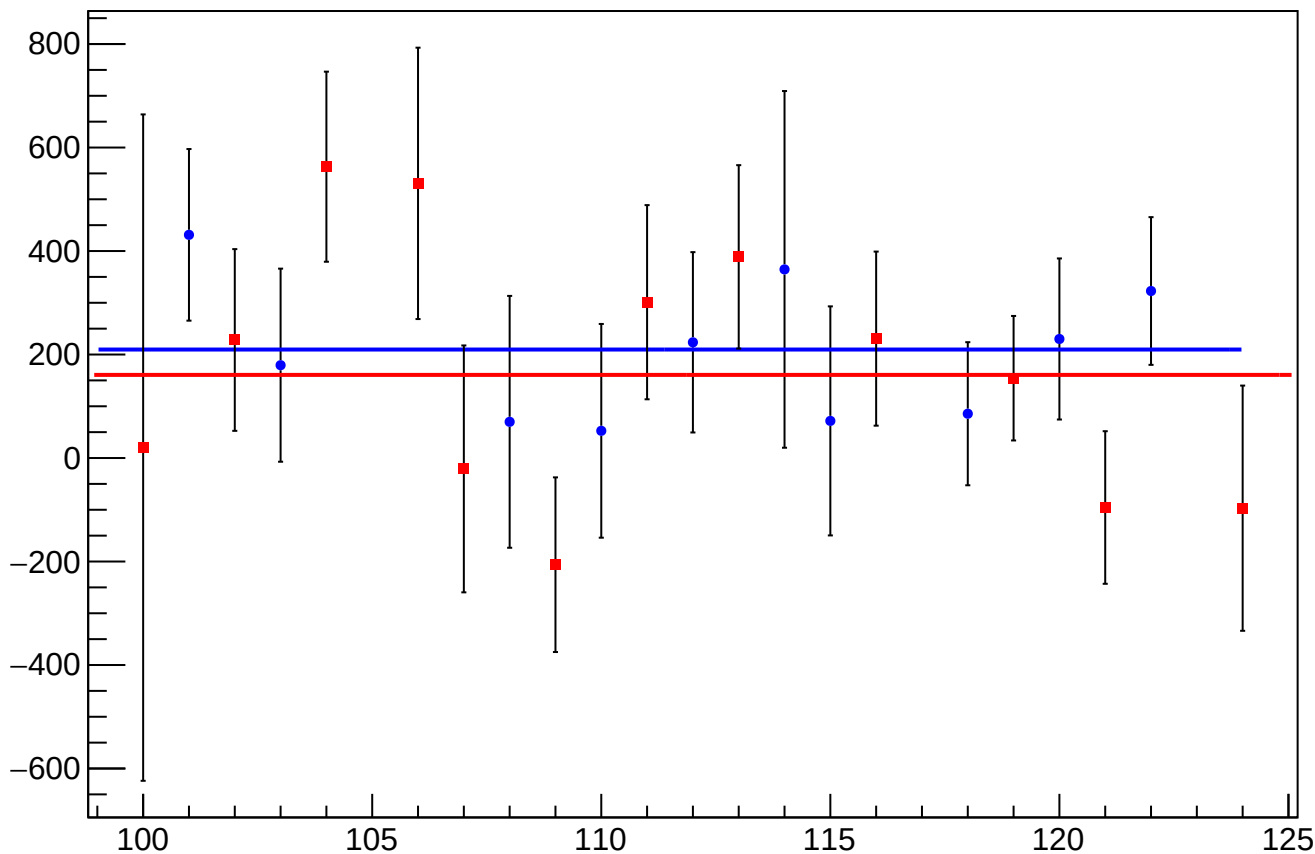
Right: 1565.194+/-0.377 χ^2/NDF : 206111.1/21

In: 1560.864+/-0.550 χ^2/NDF : 112166.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.194+/-0.377 χ^2/NDF : 206111.1/21

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 209.654 $\pm$ 56.808 χ^2 /NDF: 4.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.639 $\pm$ 52.688 χ^2 /NDF: 18.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

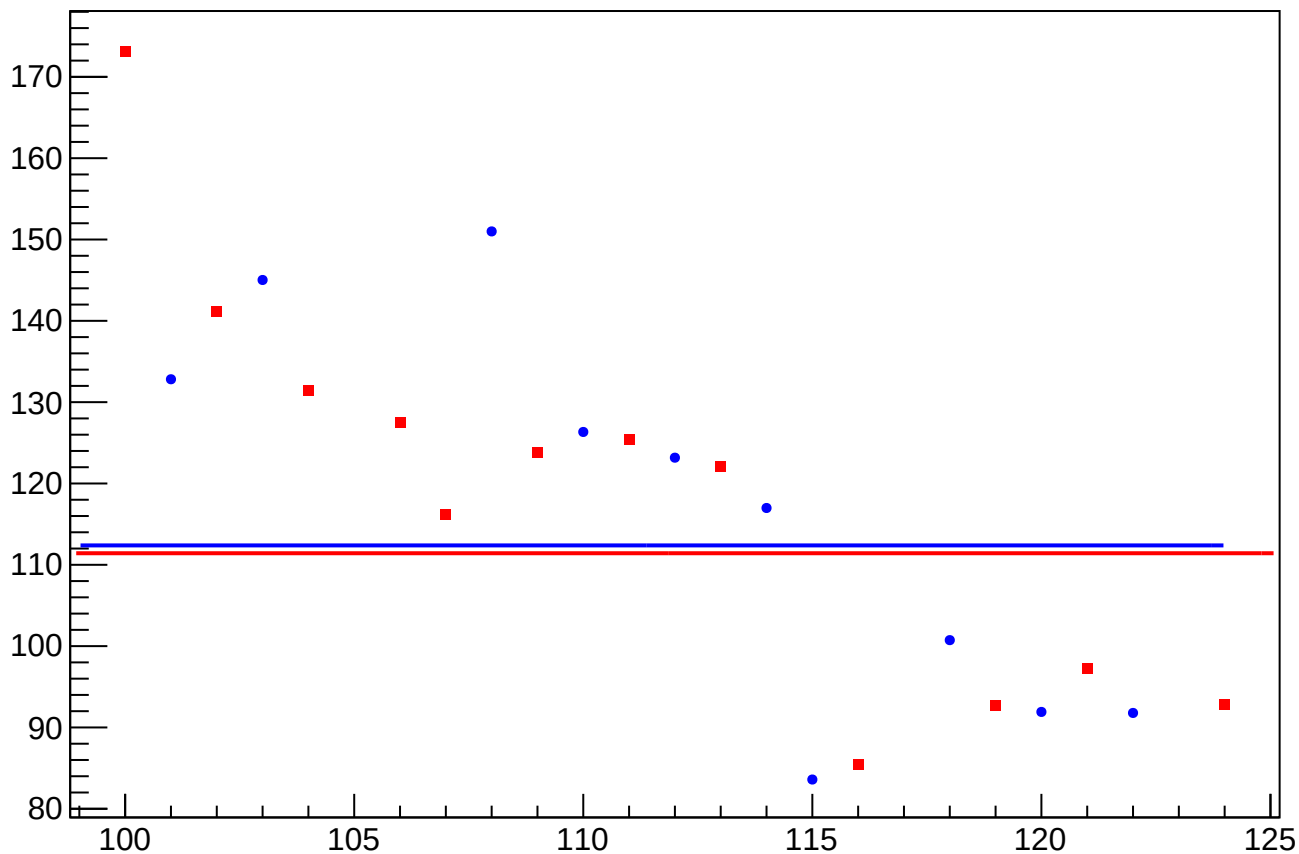
Right: 183.305 $\pm$ 38.631 χ^2 /NDF: 24.1/21

In: 209.654 $\pm$ 56.808 χ^2 /NDF:4.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.305 $\pm$ 38.631 χ^2 /NDF: 24.1/21

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 112.386+/-0.040 χ^2/NDF : 283388.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.423+/-0.037 χ^2/NDF : 263913.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

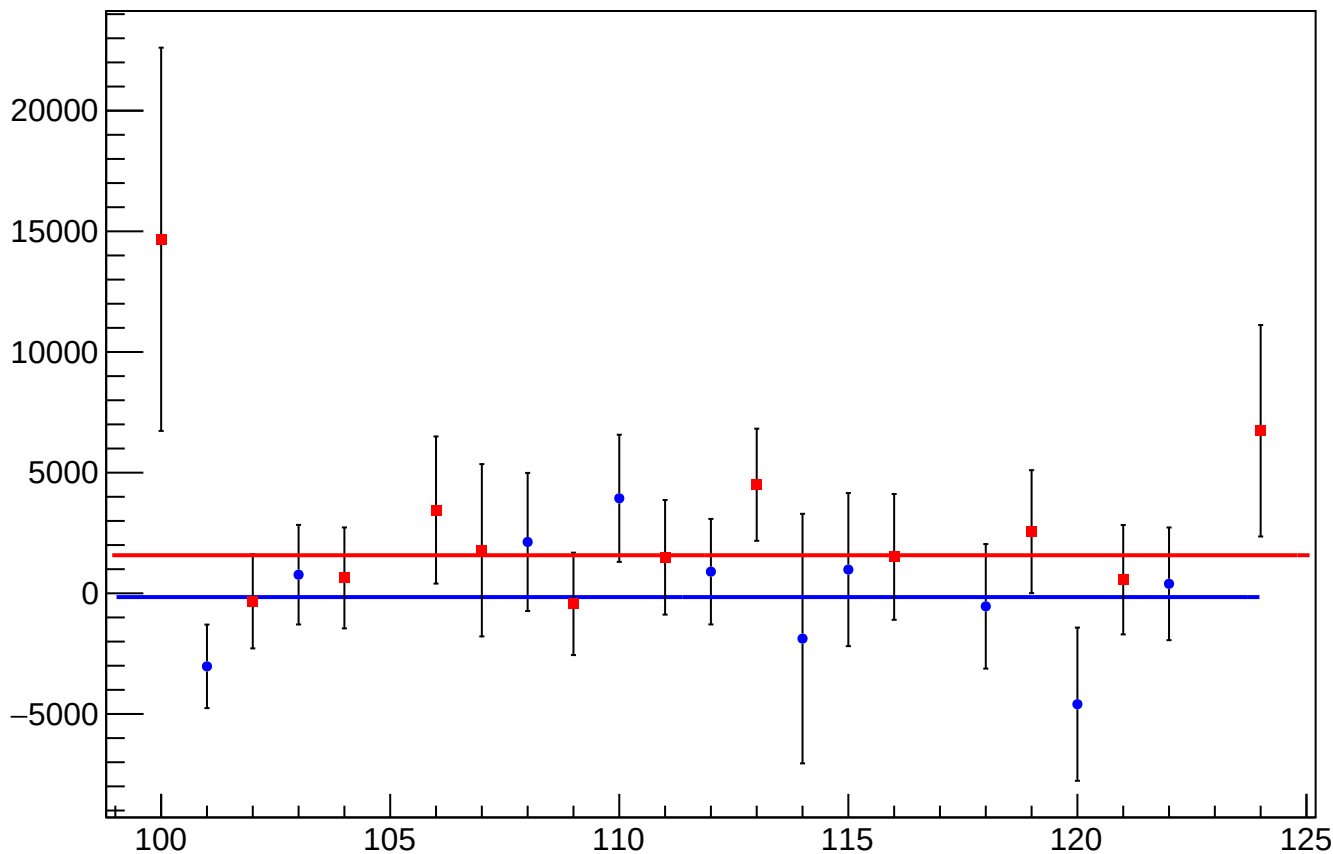
Right: 111.868+/-0.027 χ^2/NDF : 547611.5/21

In: 112.386+/-0.040 χ^2/NDF : 283388.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.868+/-0.027 χ^2/NDF : 547611.5/21

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -156.021+/-787.126 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1577.792+/-740.116 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

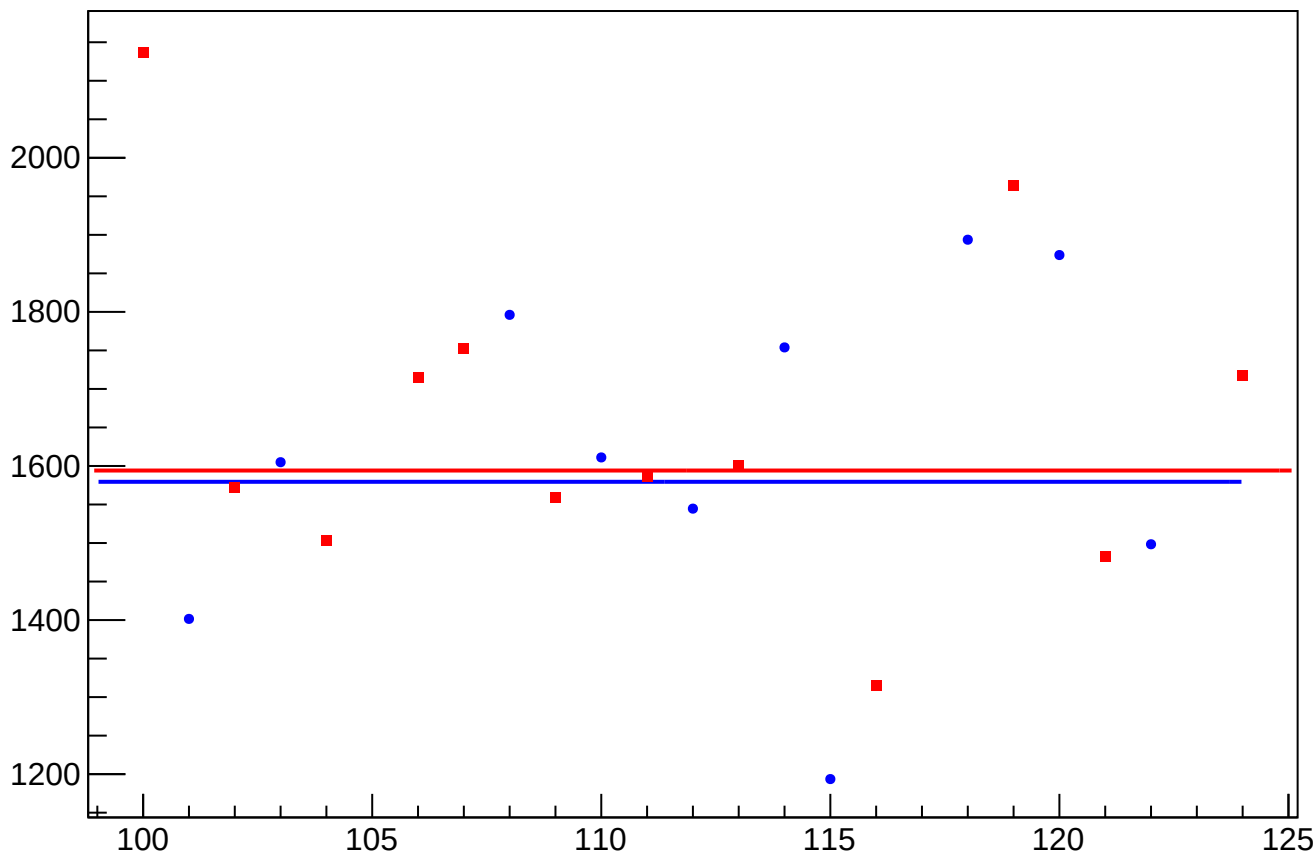
Right: 764.203+/-539.195 χ^2/NDF : 19.6/21

In: -156.021+/-787.126 χ^2/NDF :8.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 764.203+/-539.195 χ^2/NDF : 19.6/21

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1579.470+/-0.557 χ^2/NDF : 114863.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1594.098+/-0.523 χ^2/NDF : 92640.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

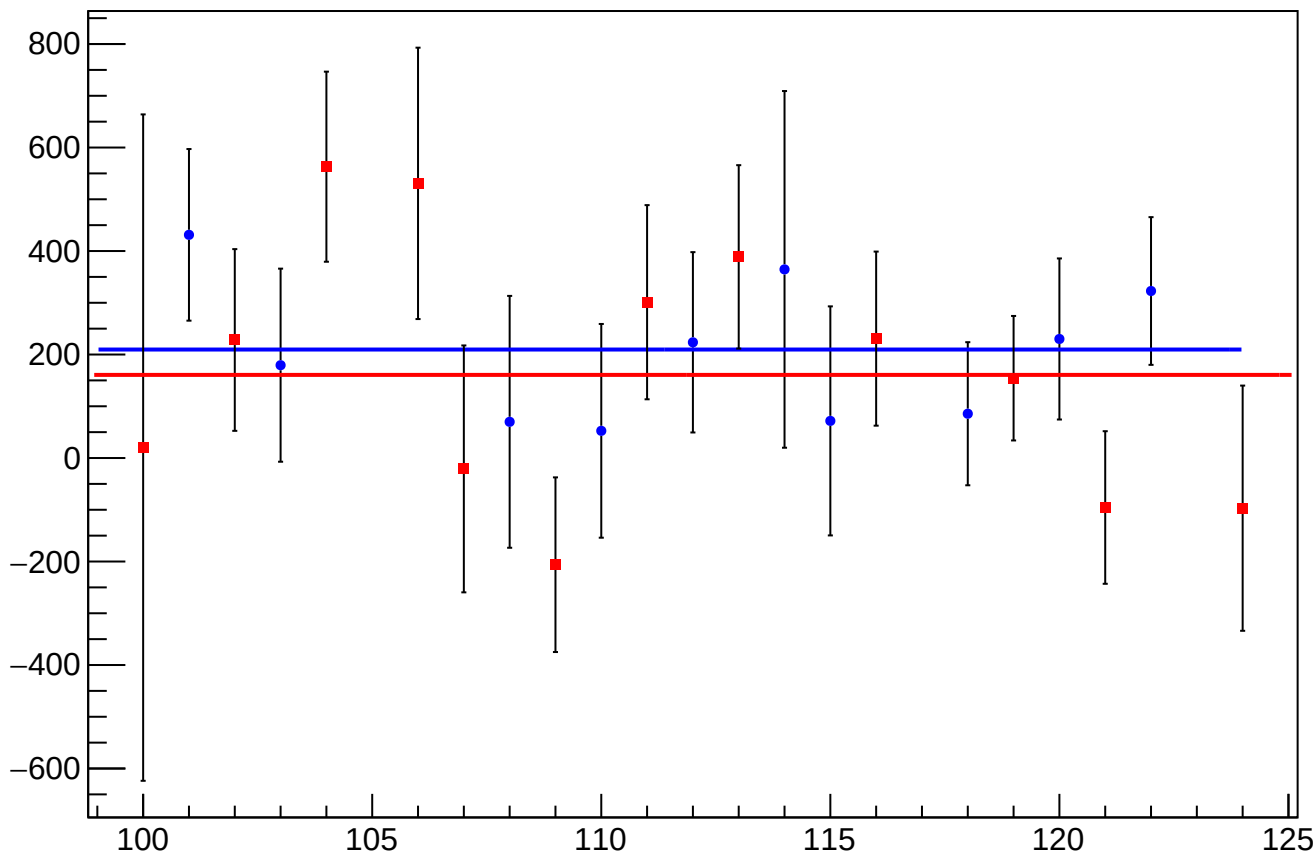
Right: 1587.234+/-0.381 χ^2/NDF : 207869.9/21

In: 1579.470+/-0.557 χ^2/NDF : 114863.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.234+/-0.381 χ^2/NDF : 207869.9/21

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 209.653 $\pm$ 56.807 χ^2 /NDF: 4.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.635 $\pm$ 52.688 χ^2 /NDF: 18.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

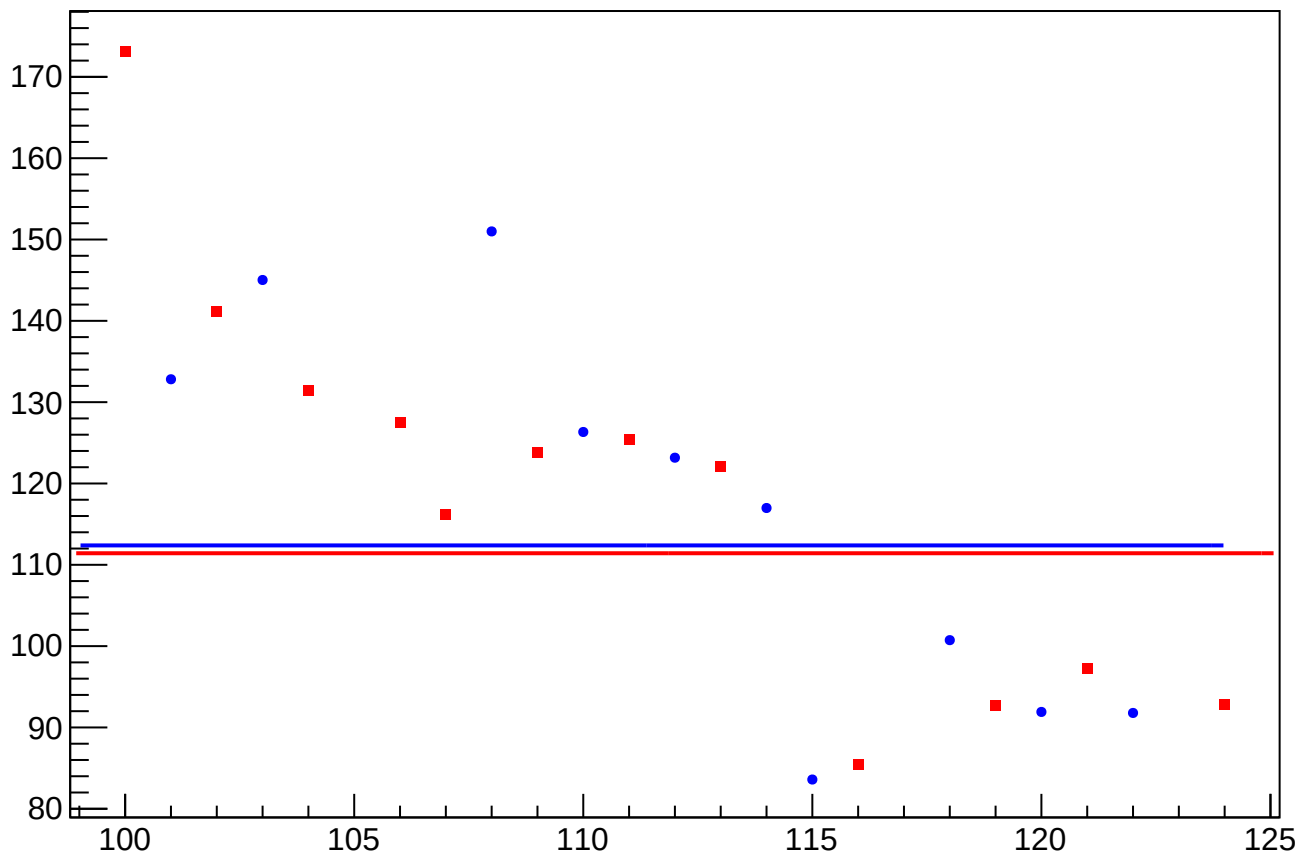
Right: 183.302 $\pm$ 38.630 χ^2 /NDF: 24.1/21

In: 209.653 $\pm$ 56.807 χ^2 /NDF:4.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.302 $\pm$ 38.630 χ^2 /NDF: 24.1/21

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 112.385+/-0.040 χ^2/NDF : 283388.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.422+/-0.037 χ^2/NDF : 263911.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

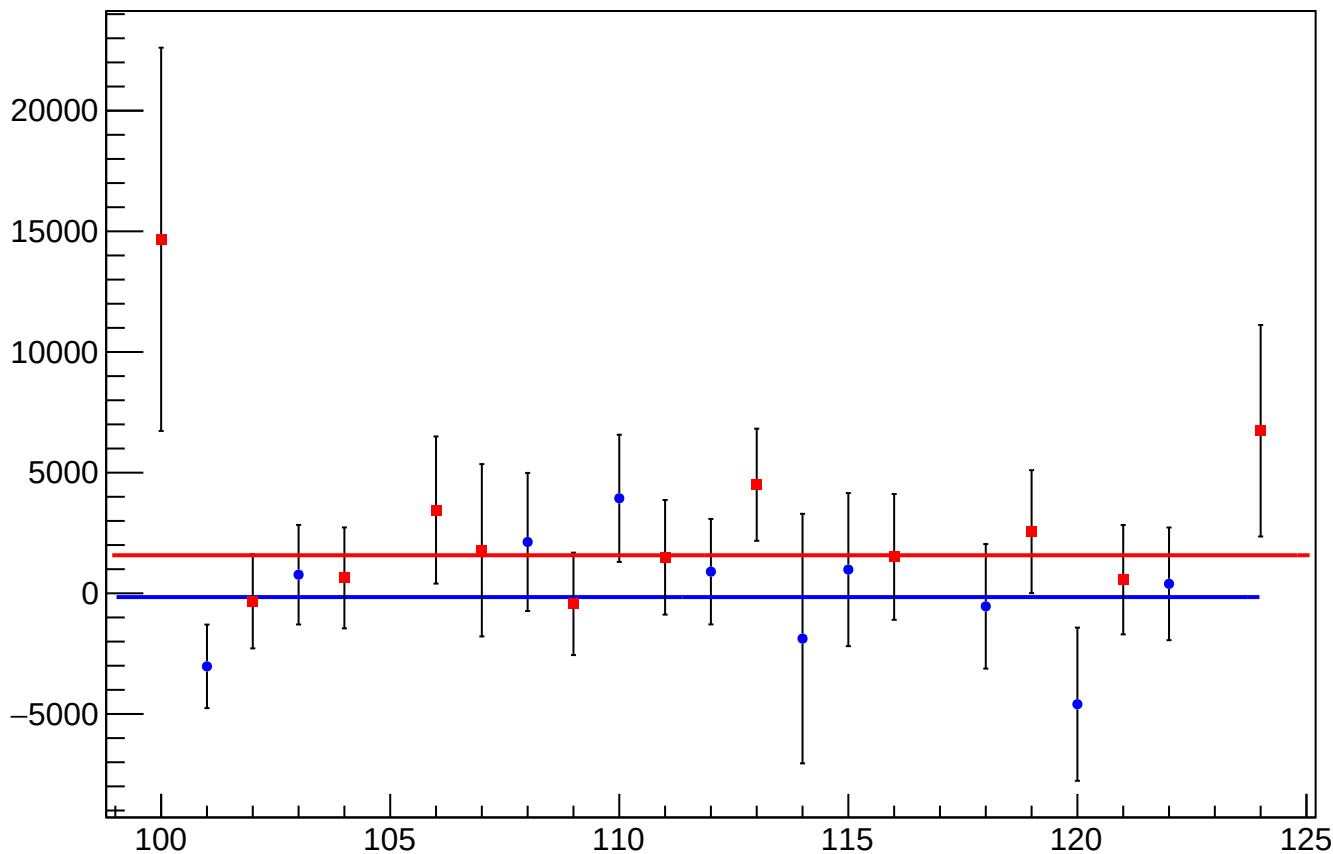
Right: 111.867+/-0.027 χ^2/NDF : 547609.3/21

In: 112.385+/-0.040 χ^2/NDF : 283388.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.867+/-0.027 χ^2/NDF : 547609.3/21

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -156.019+/-787.124 χ^2 /NDF: 8.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1577.790+/-740.115 χ^2 /NDF: 8.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

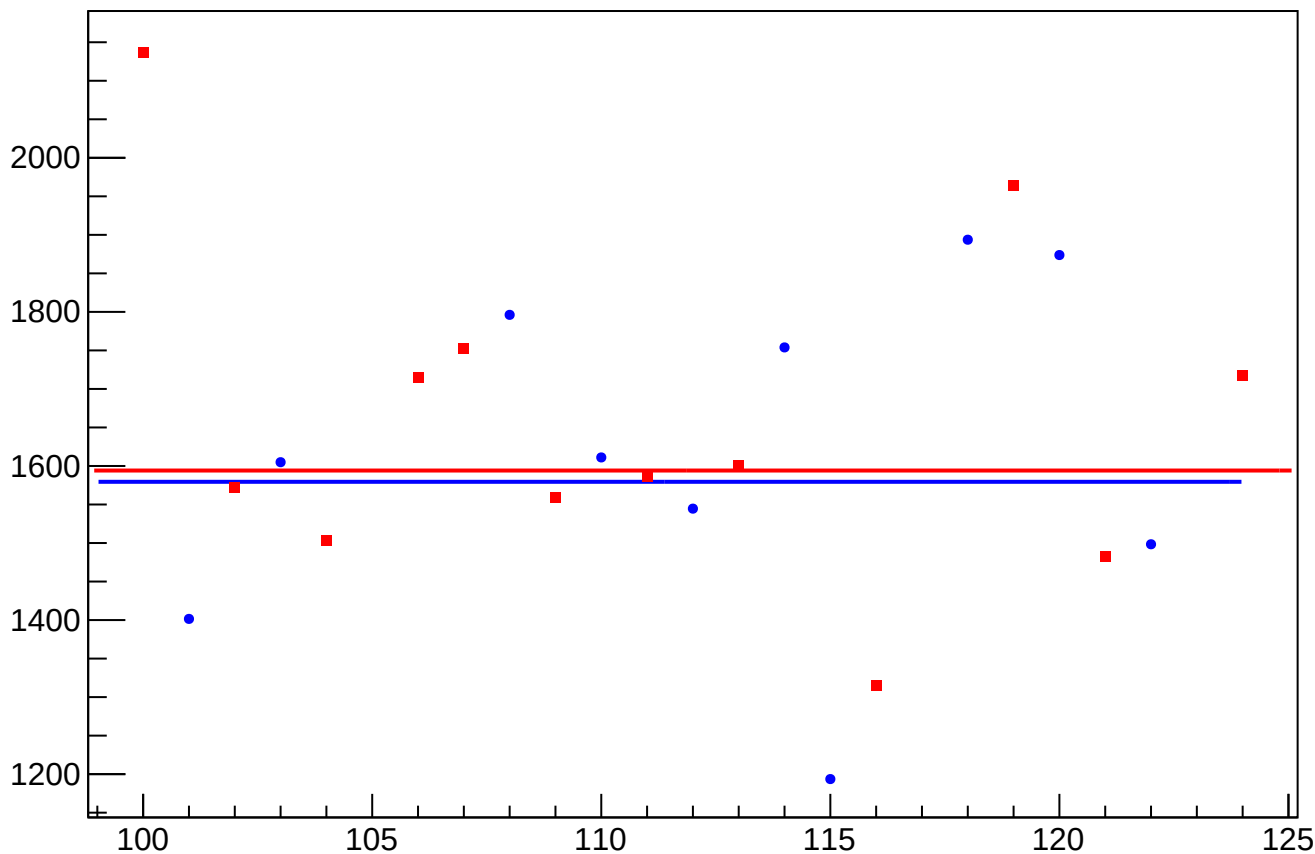
Right: 764.203+/-539.194 χ^2 /NDF: 19.6/21

In: -156.019+/-787.124 χ^2 /NDF:8.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 764.203+/-539.194 χ^2 /NDF: 19.6/21

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1579.466+/-0.557 χ^2/NDF : 114862.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1594.095+/-0.523 χ^2/NDF : 92640.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

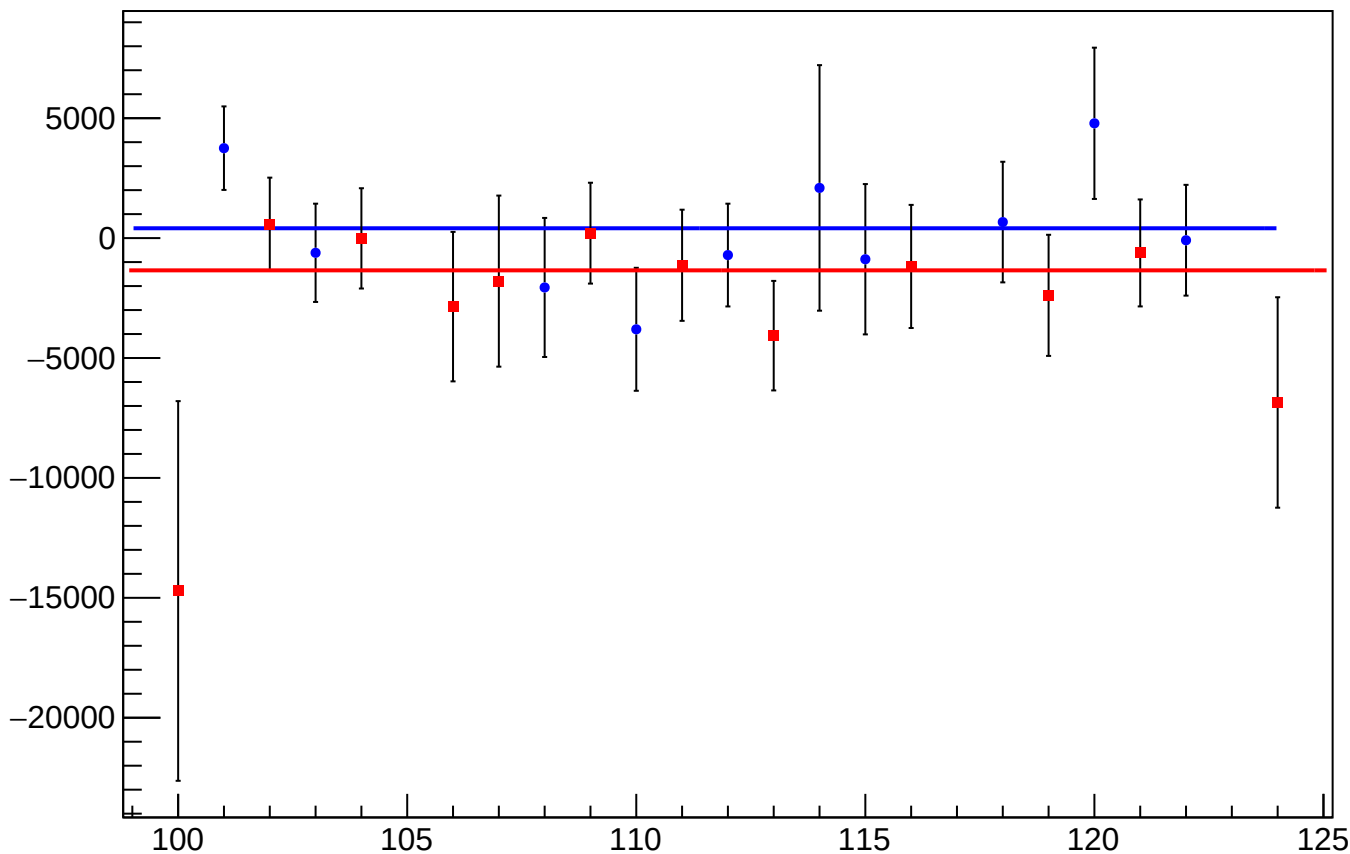
Right: 1587.230+/-0.381 χ^2/NDF : 207868.8/21

In: 1579.466+/-0.557 χ^2/NDF : 114862.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.230+/-0.381 χ^2/NDF : 207868.8/21

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 410.174+/-780.171 χ^2/NDF : 9.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1344.973+/-733.816 χ^2/NDF : 8.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

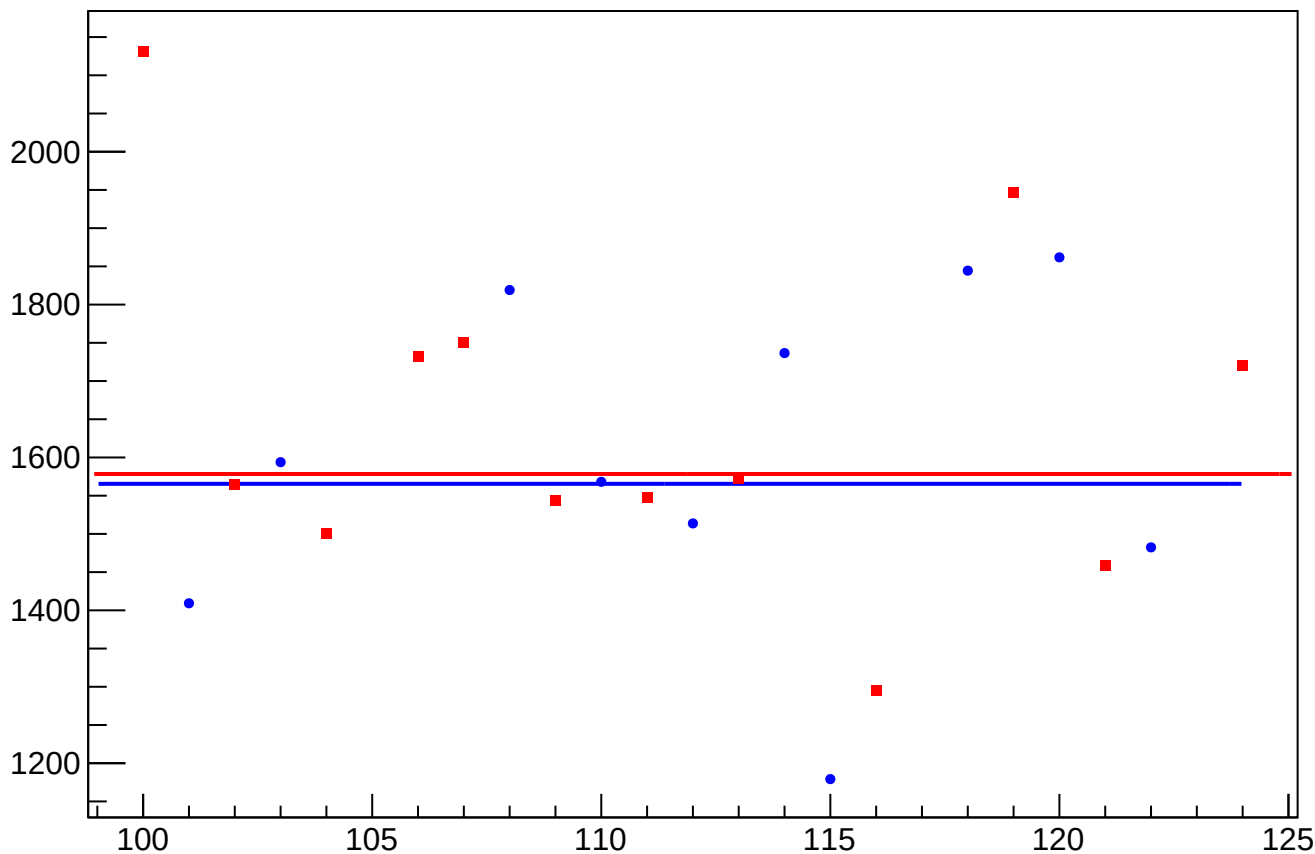
Right: -521.088+/-534.523 χ^2/NDF : 20.9/21

In: 410.174+/-780.171 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.088+/-534.523 χ^2/NDF : 20.9/21

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1565.511+/-0.552 χ^2/NDF : 110412.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.391+/-0.519 χ^2/NDF : 97743.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

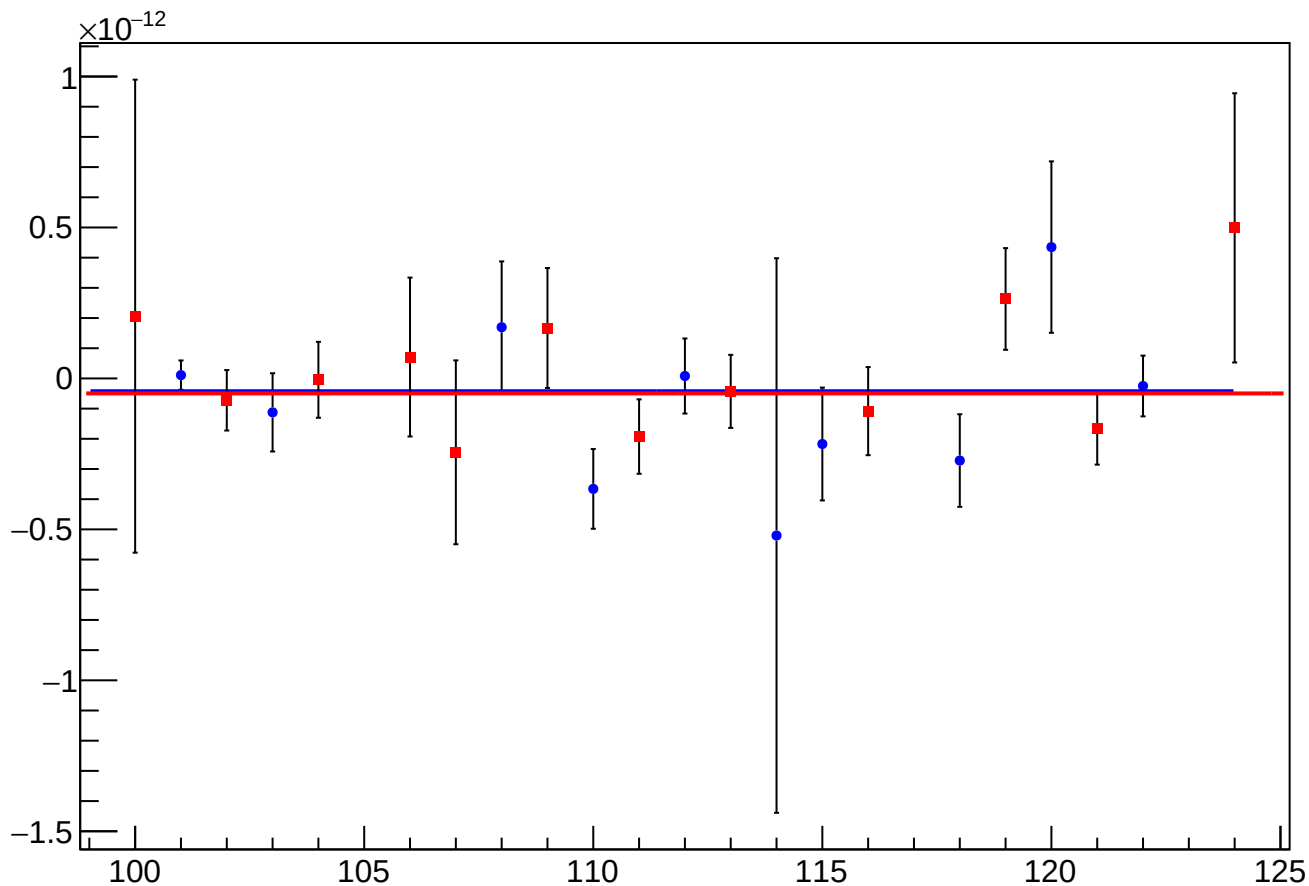
Right: 1572.345+/-0.378 χ^2/NDF : 208445.8/21

In: 1565.511+/-0.552 χ^2/NDF : 110412.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.345+/-0.378 χ^2/NDF : 208445.8/21

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

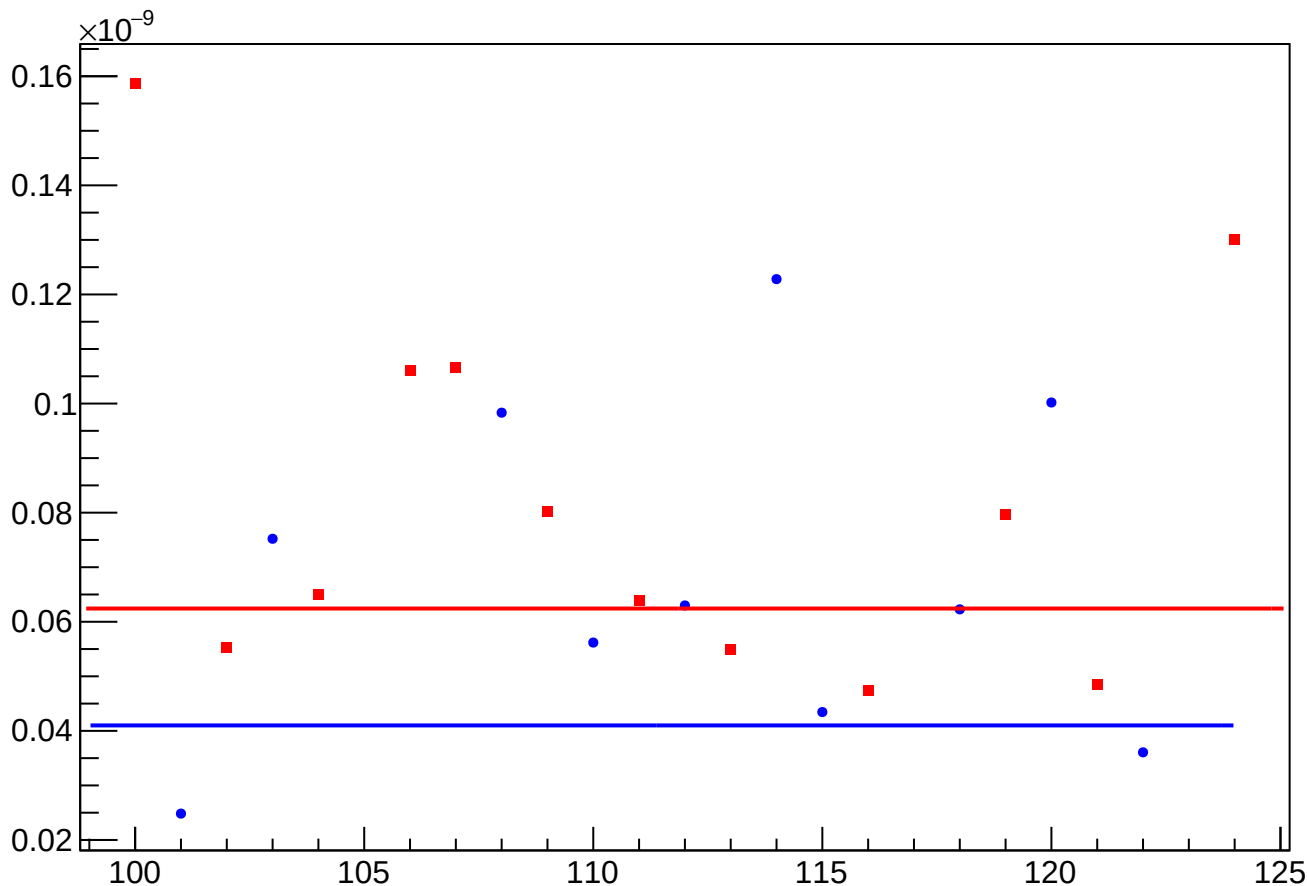
Right: -0.000+/-0.000 χ^2/NDF : 24.4/21

In: -0.000+/-0.000 χ^2/NDF : 14.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.4/21

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 735007.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 277016.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

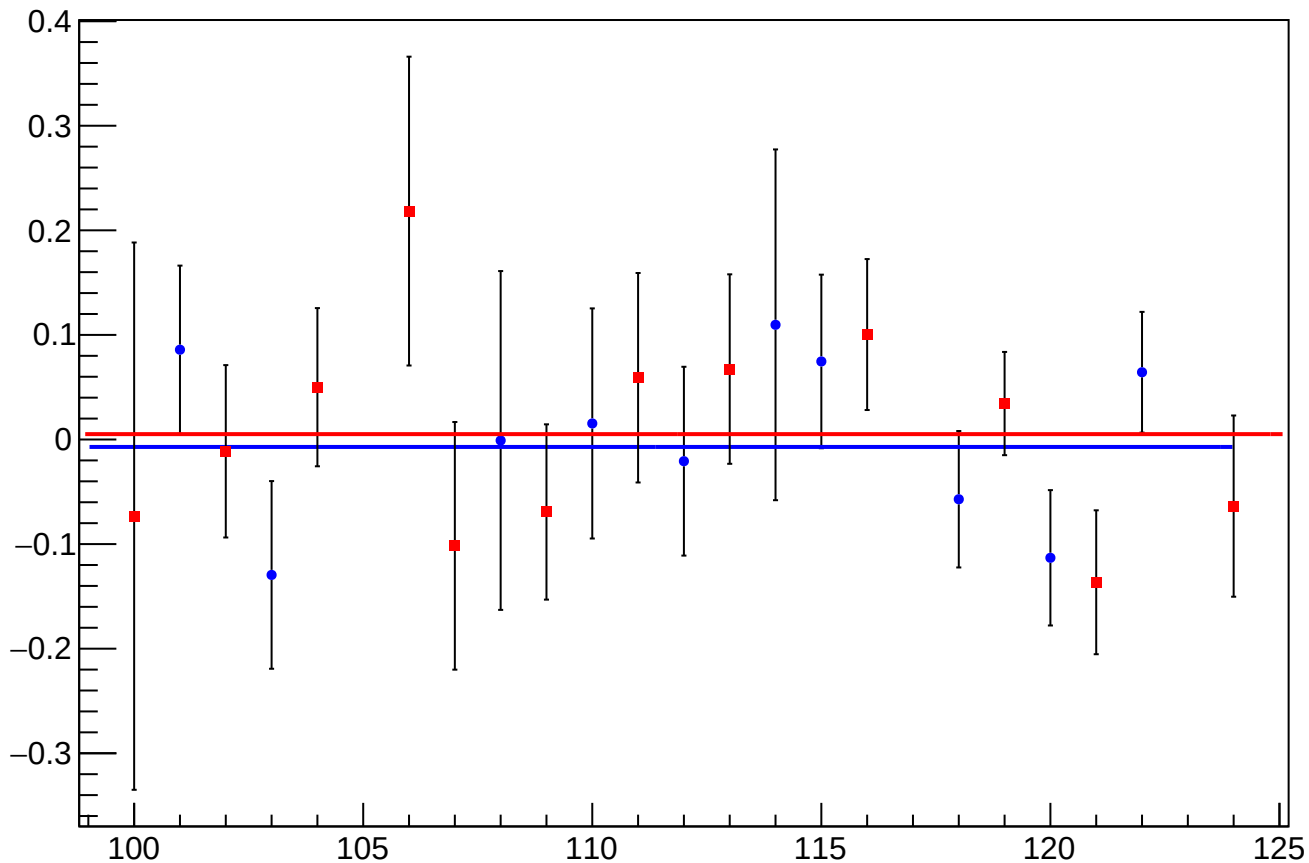
Right: 0.000+/-0.000 χ^2/NDF : 1298344.9/21

In: 0.000+/-0.000 χ^2/NDF : 735007.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1298344.9/21

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.026 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.024 χ^2 /NDF: 11.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

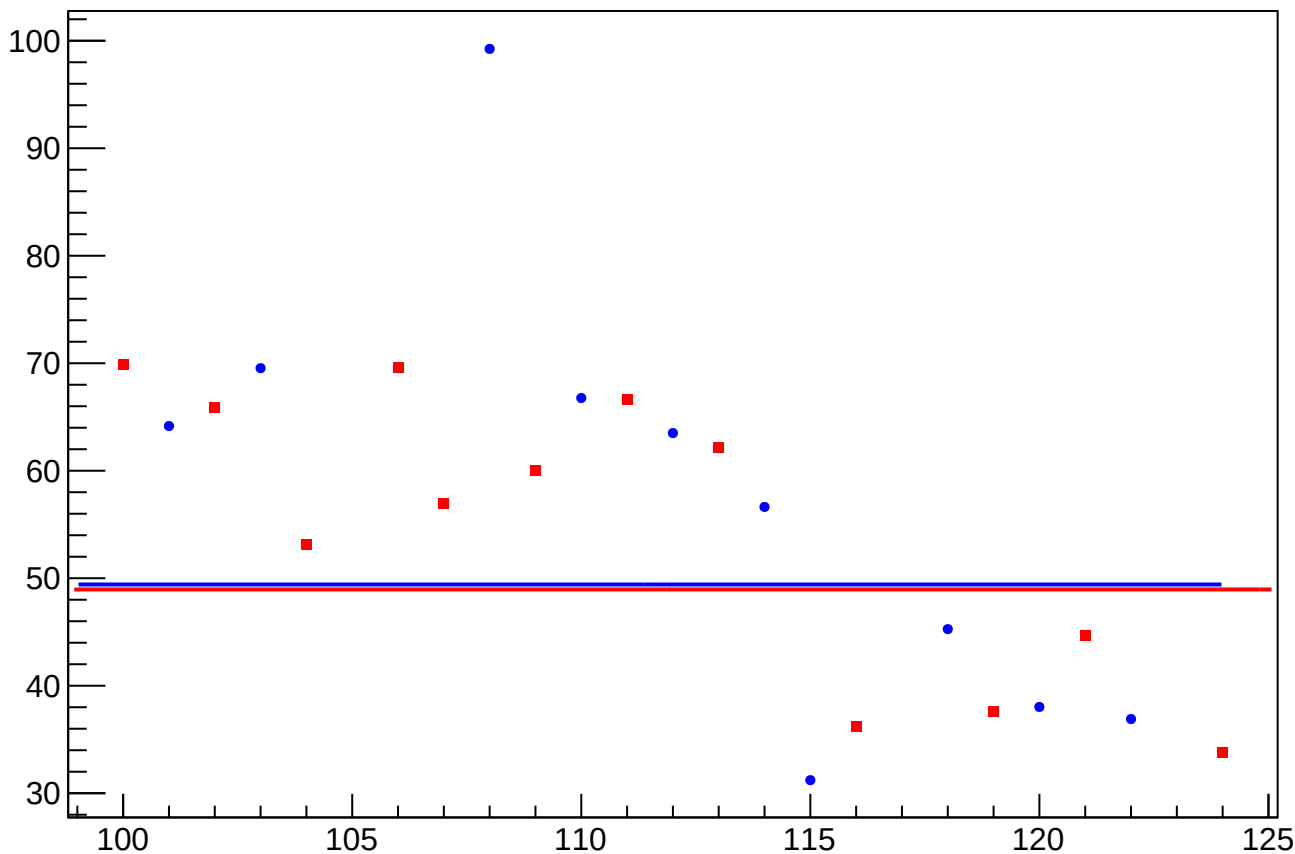
Right: -0.000 $\pm$ 0.018 χ^2 /NDF: 21.5/21

In: -0.007 $\pm$ 0.026 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.018 χ^2 /NDF: 21.5/21

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.417+/-0.018 χ^2/NDF : 719664.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.954+/-0.017 χ^2/NDF : 528404.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

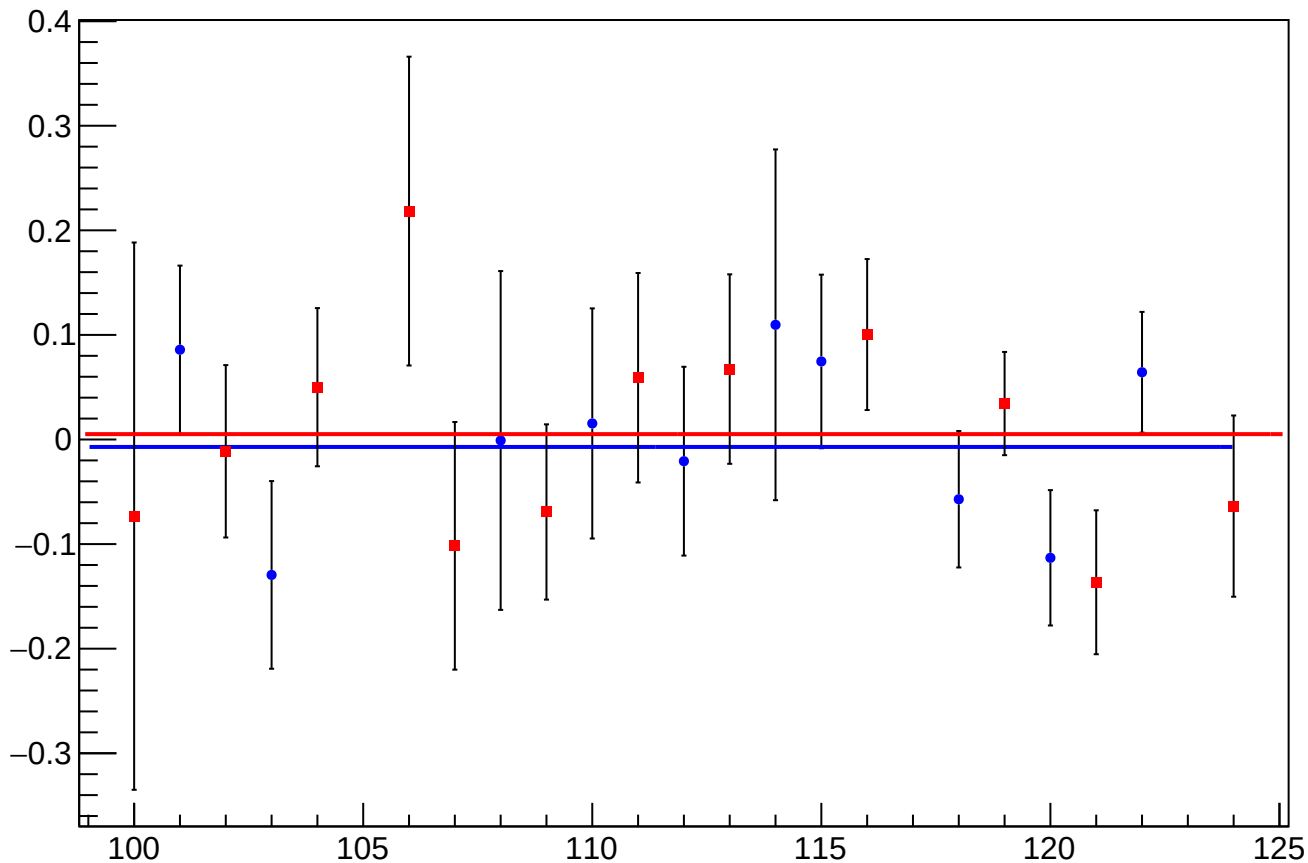
Right: 49.165+/-0.012 χ^2/NDF : 1248412.3/21

In: 49.417+/-0.018 χ^2/NDF : 719664.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.165+/-0.012 χ^2/NDF : 1248412.3/21

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.026 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.024 χ^2 /NDF: 11.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

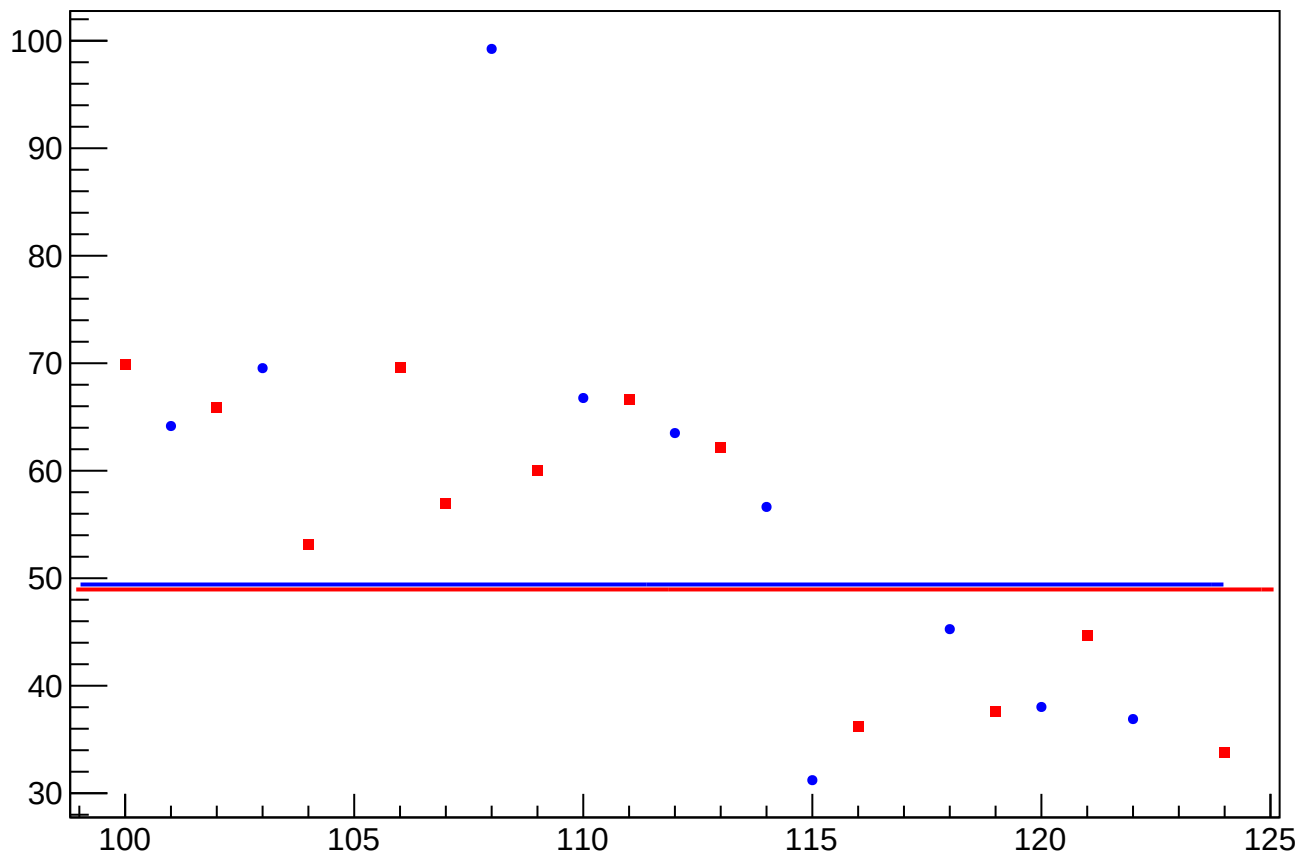
Right: -0.000 $\pm$ 0.018 χ^2 /NDF: 21.5/21

In: -0.007 $\pm$ 0.026 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.018 χ^2 /NDF: 21.5/21

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.417+/-0.018 χ^2/NDF : 719664.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.954+/-0.017 χ^2/NDF : 528404.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

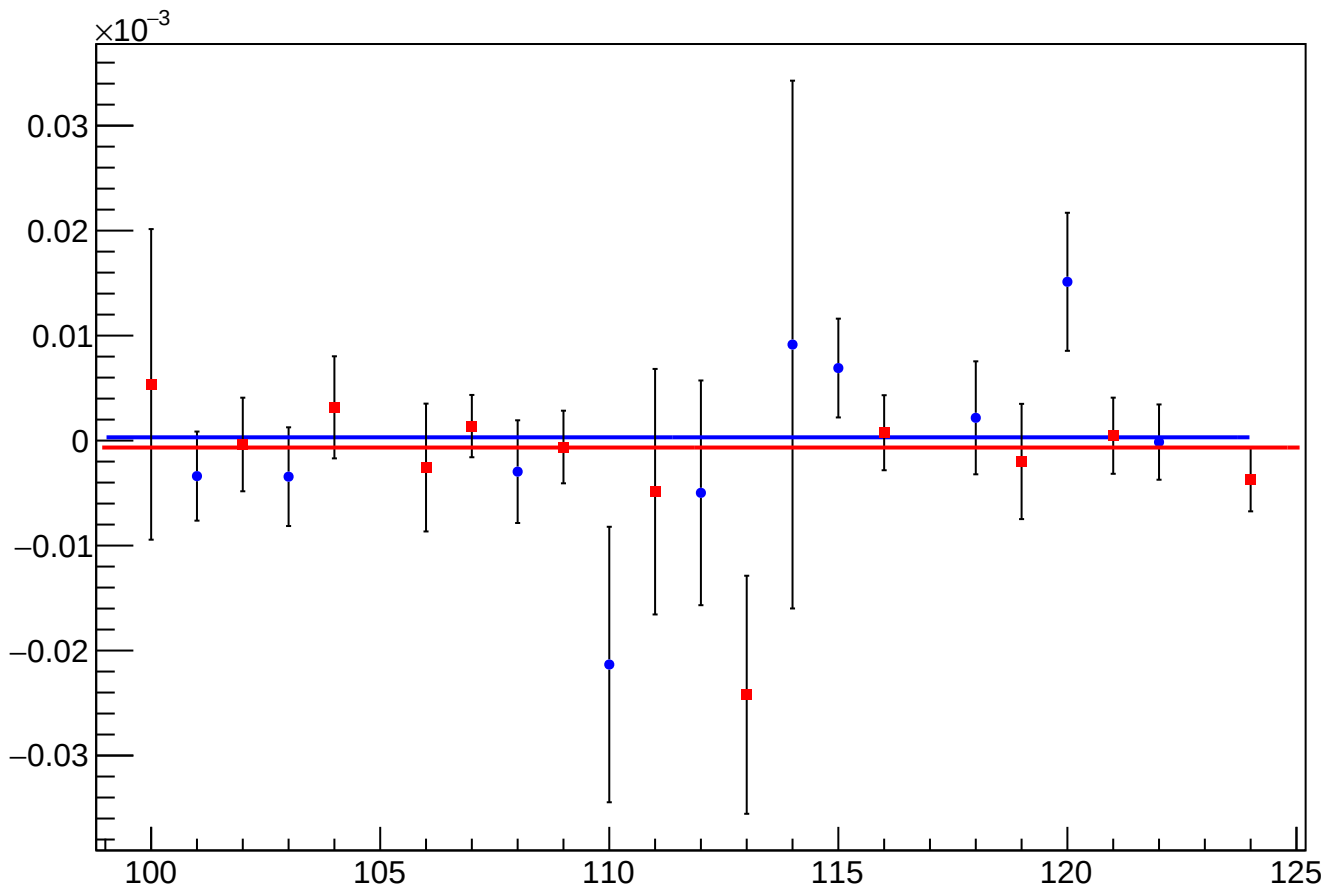
Right: 49.165+/-0.012 χ^2/NDF : 1248412.3/21

In: 49.417+/-0.018 χ^2/NDF :719664.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.165+/-0.012 χ^2/NDF : 1248412.3/21

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

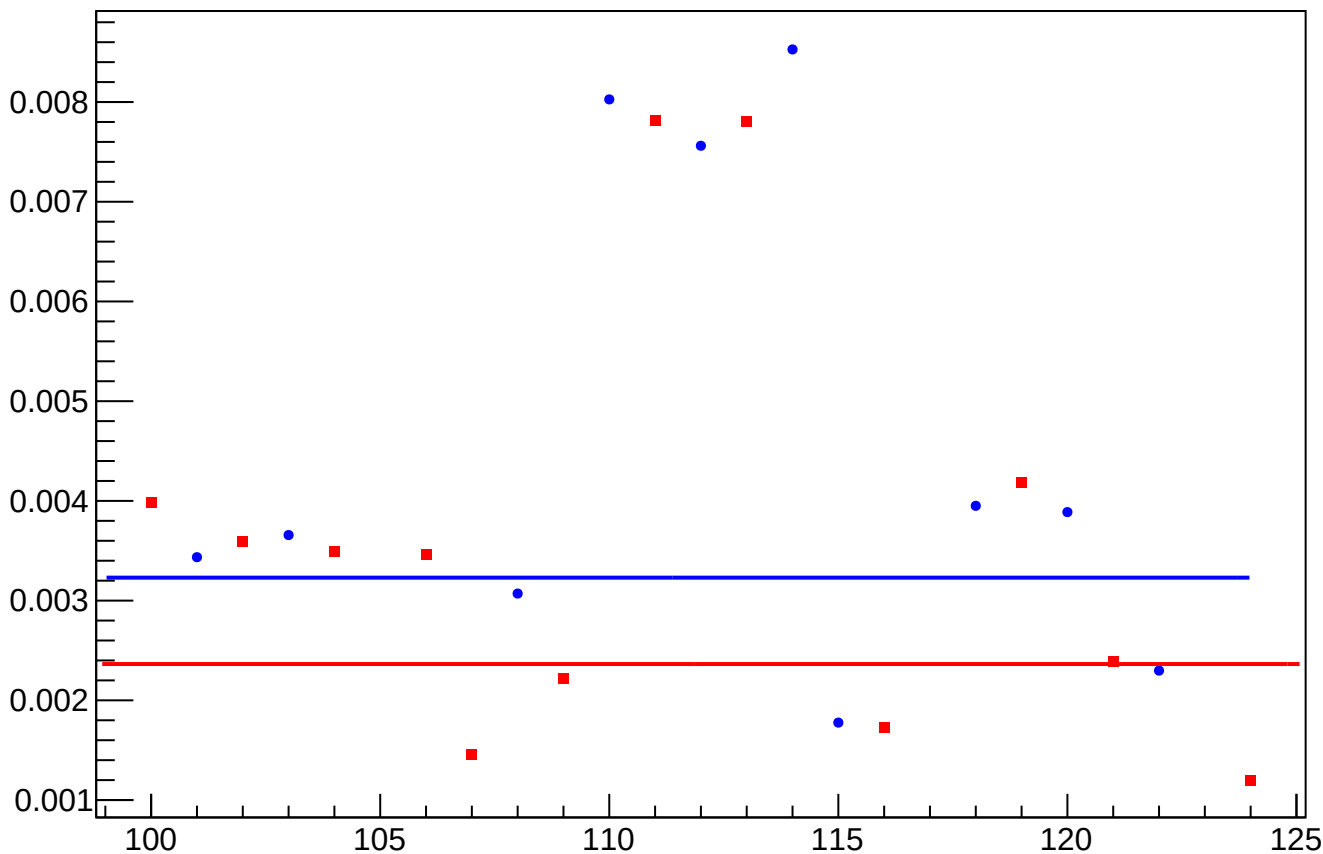
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/21

In: 0.000 $\pm$ 0.000 χ^2 /NDF:12.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/21

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1088888.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2011028.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

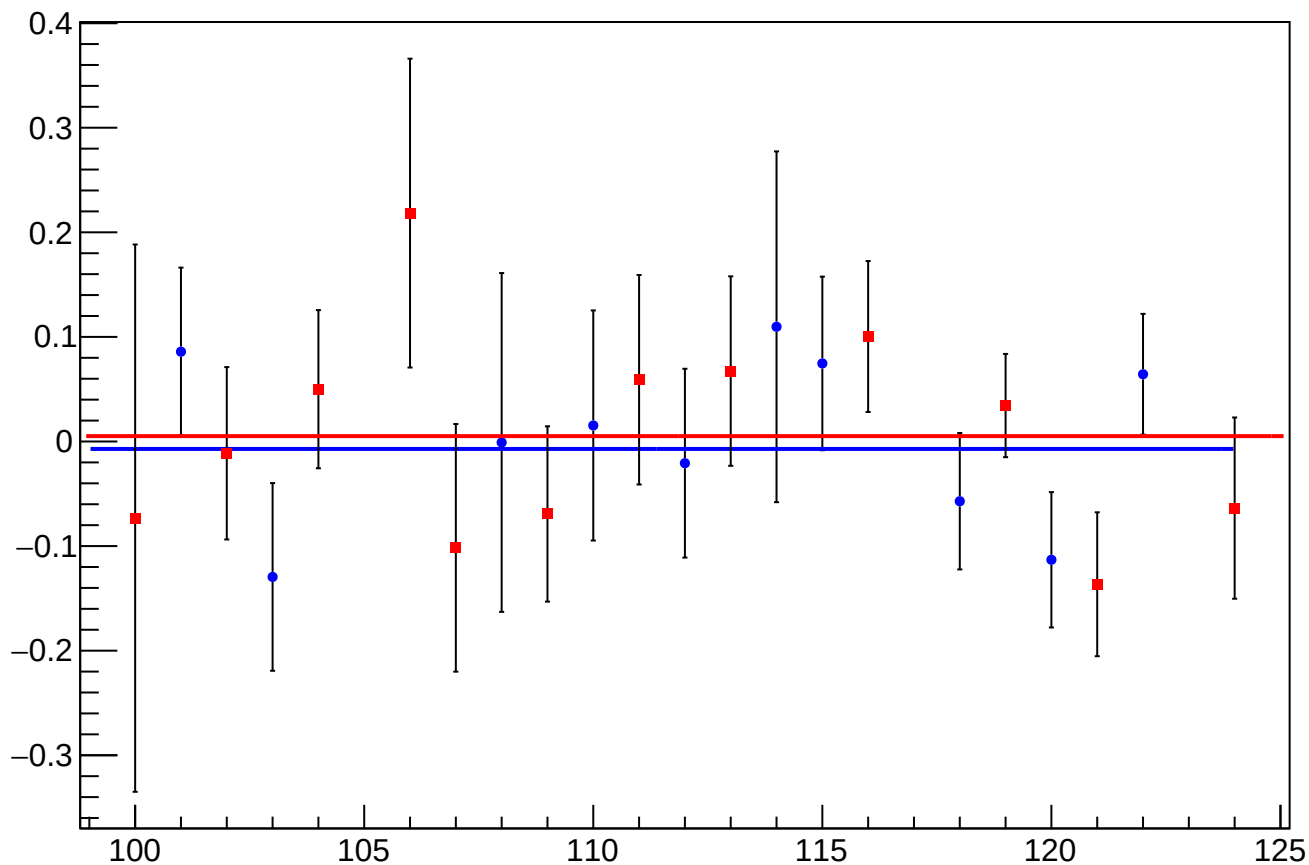
Right: 0.003+/-0.000 χ^2/NDF : 3431299.0/21

In: 0.003+/-0.000 χ^2/NDF :1088888.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3431299.0/21

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.026 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.024 χ^2 /NDF: 11.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

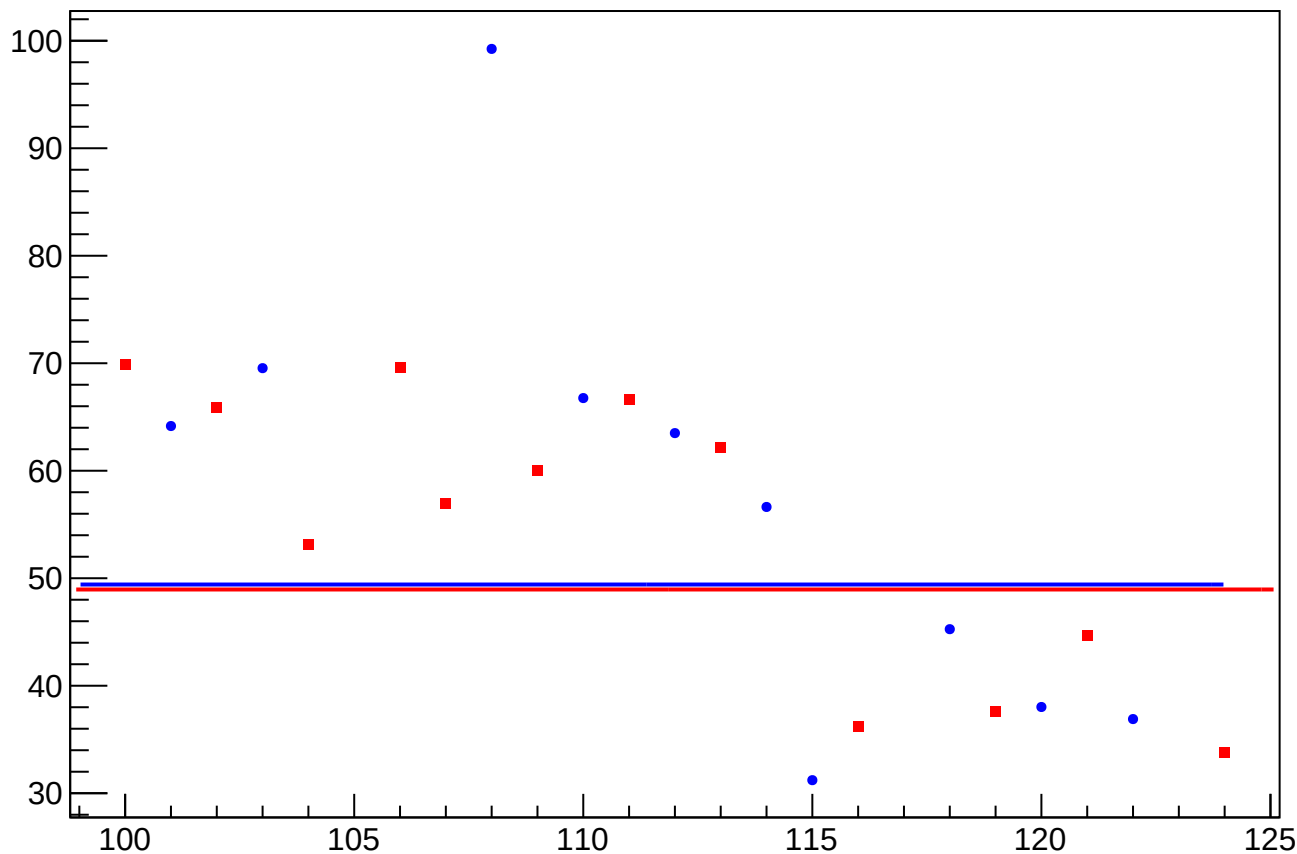
Right: -0.000 $\pm$ 0.018 χ^2 /NDF: 21.5/21

In: -0.007 $\pm$ 0.026 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.018 χ^2 /NDF: 21.5/21

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.415+/-0.018 χ^2/NDF : 719660.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.953+/-0.017 χ^2/NDF : 528402.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

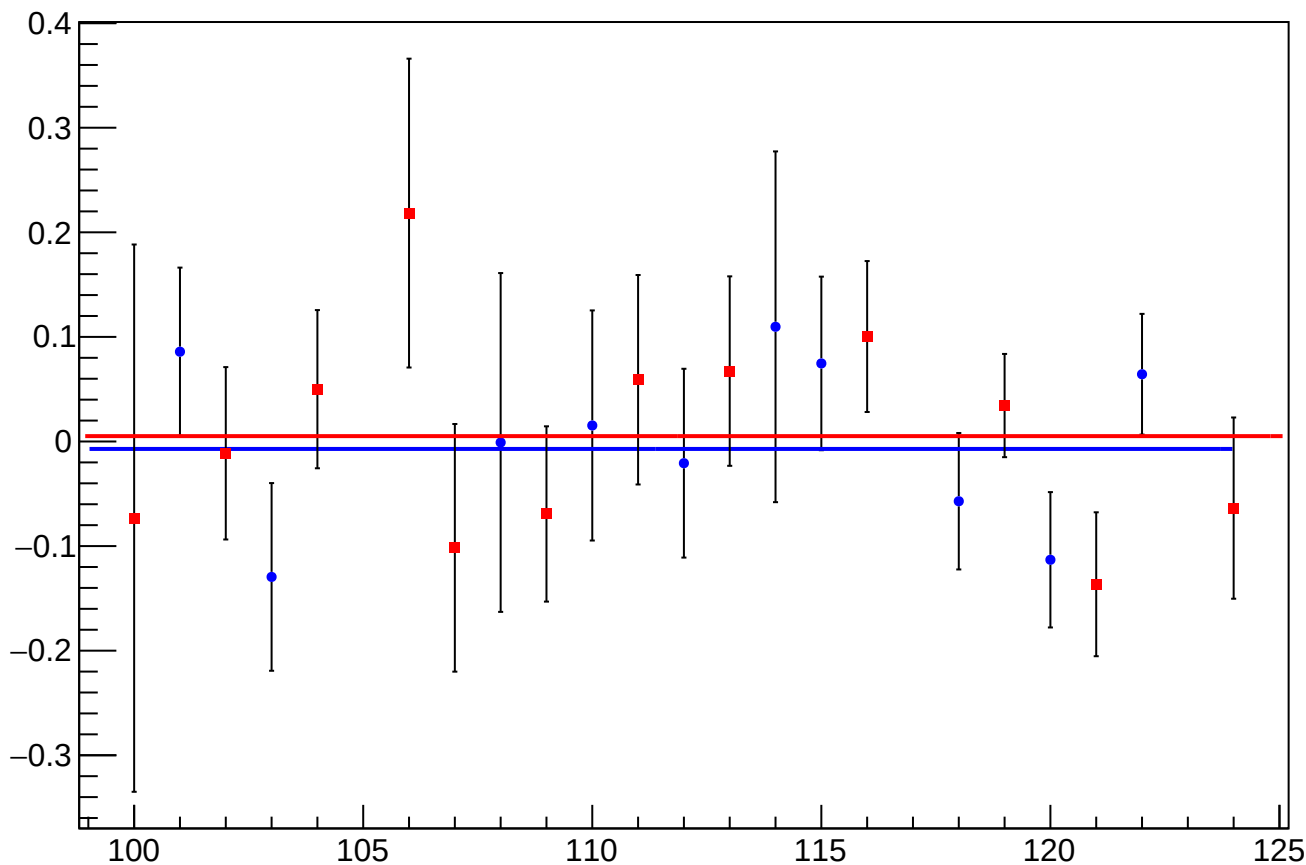
Right: 49.164+/-0.012 χ^2/NDF : 1248406.3/21

In: 49.415+/-0.018 χ^2/NDF : 719660.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.164+/-0.012 χ^2/NDF : 1248406.3/21

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.026 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.024 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

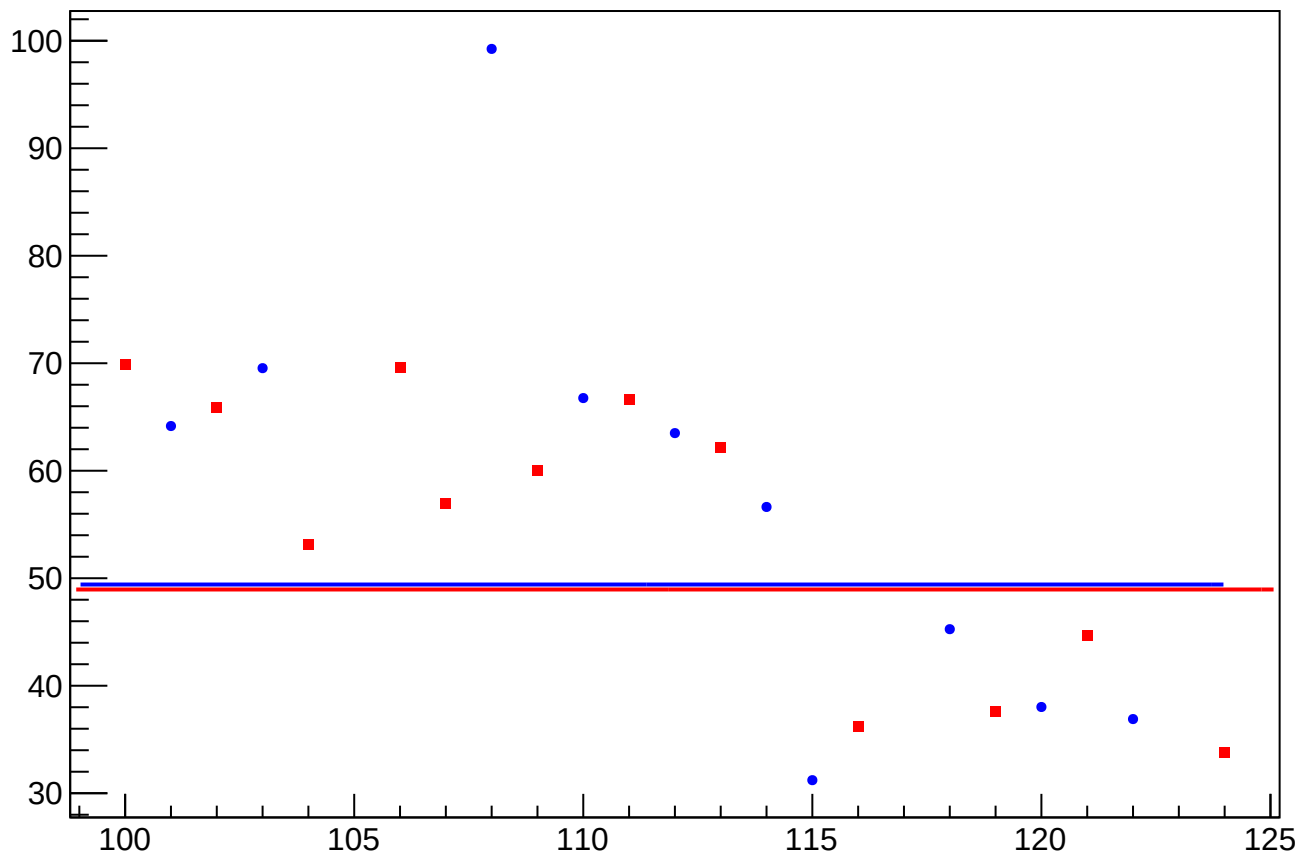
Right: -0.000+/-0.018 χ^2/NDF : 21.5/21

In: -0.007+/-0.026 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.018 χ^2/NDF : 21.5/21

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.415+/-0.018 χ^2/NDF : 719660.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.953+/-0.017 χ^2/NDF : 528402.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

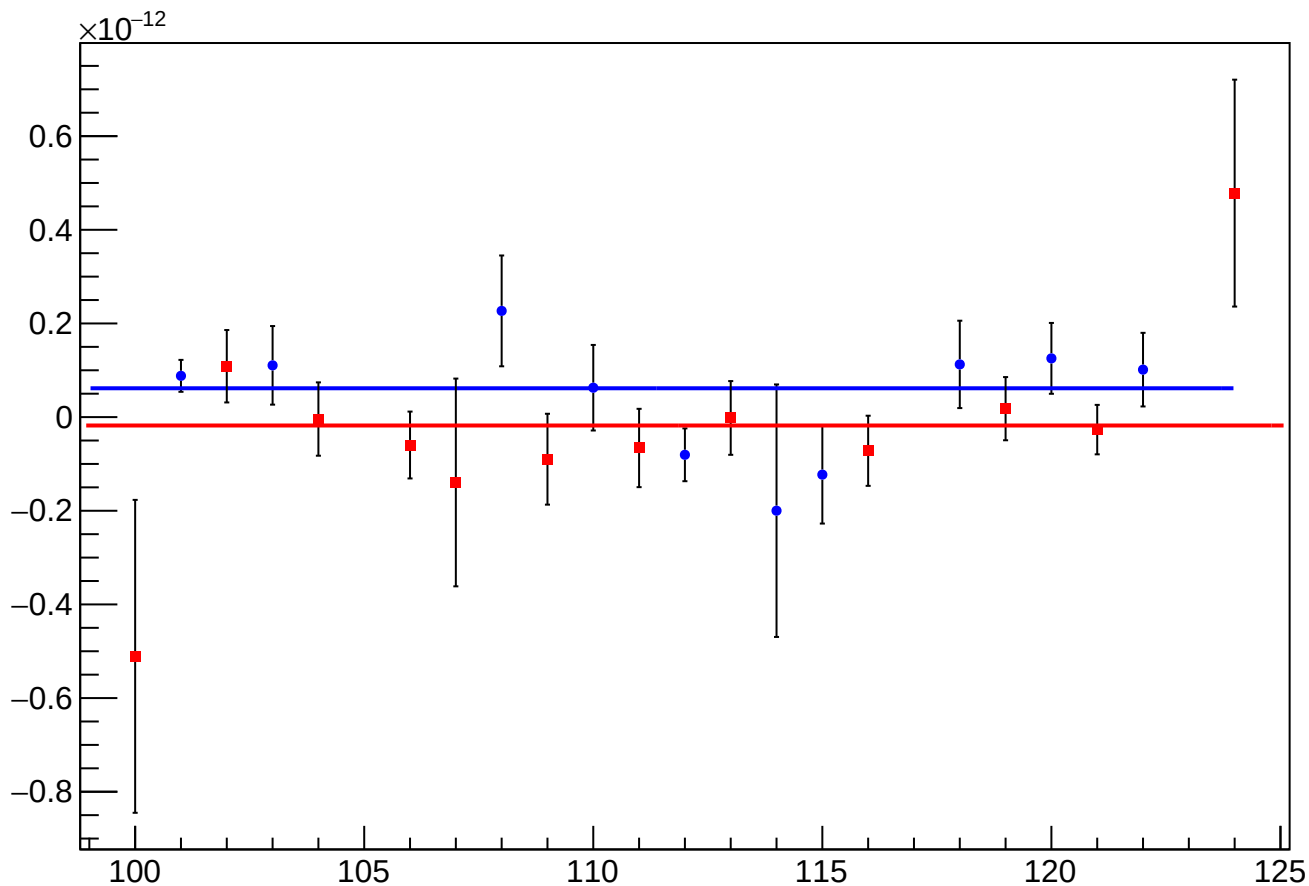
Right: 49.164+/-0.012 χ^2/NDF : 1248406.3/21

In: 49.415+/-0.018 χ^2/NDF : 719660.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.164+/-0.012 χ^2/NDF : 1248406.3/21

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

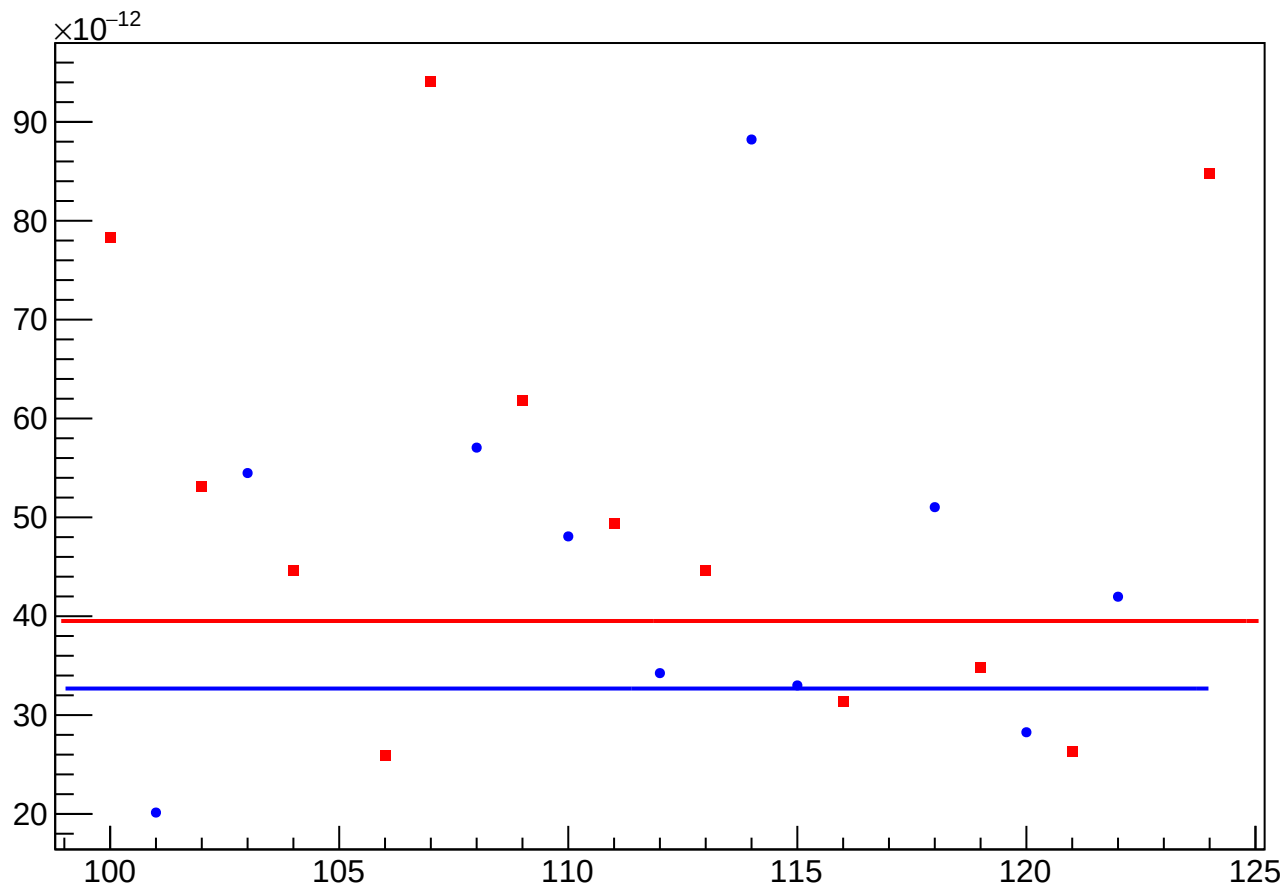
Right: 0.000+/-0.000 χ^2/NDF : 32.0/21

In: 0.000+/-0.000 χ^2/NDF : 14.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.0/21

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 746056.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 662174.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

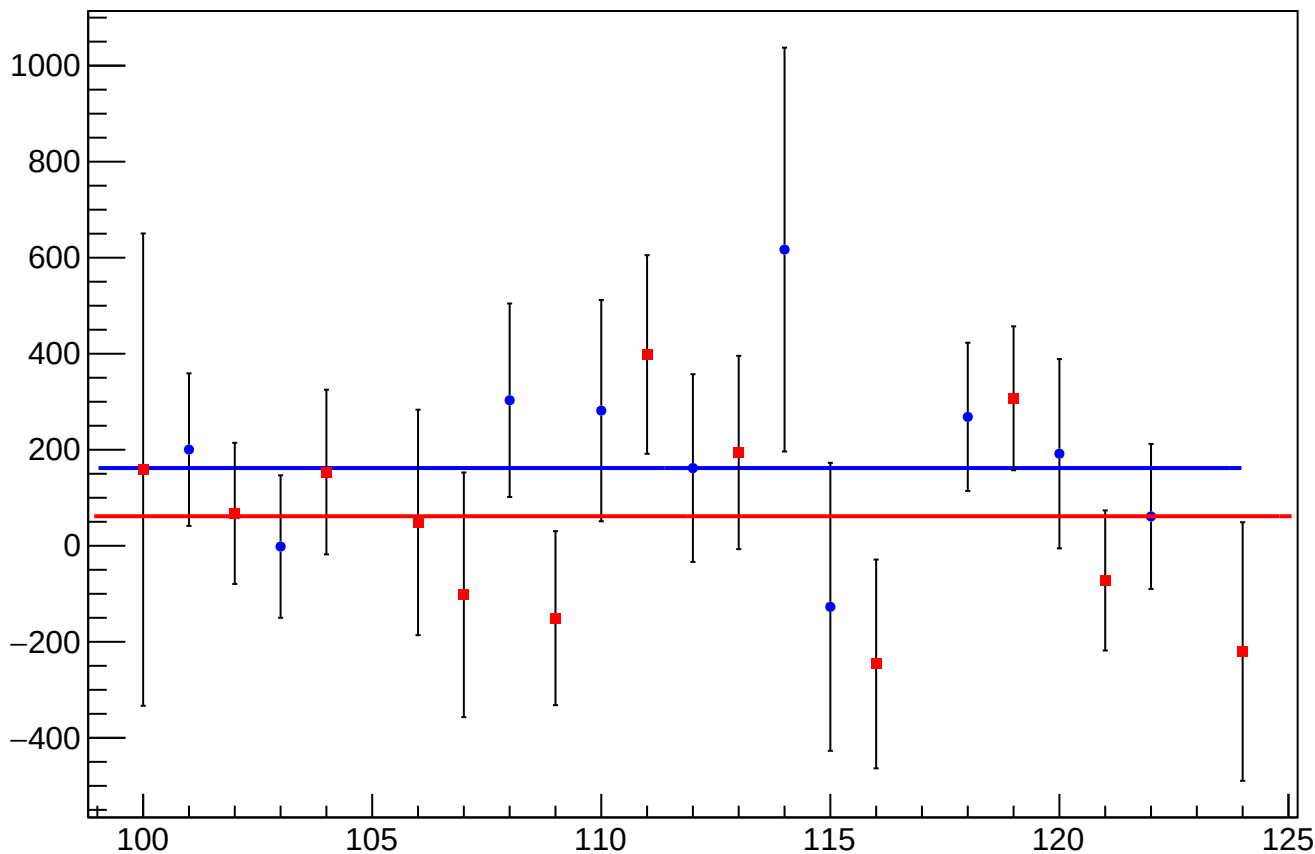
Right: 0.000+/-0.000 χ^2/NDF : 1496396.9/21

In: 0.000+/-0.000 χ^2/NDF : 746056.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1496396.9/21

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 161.920 $\pm$ 59.450 χ^2 /NDF: 5.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 61.522 $\pm$ 55.649 χ^2 /NDF: 11.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

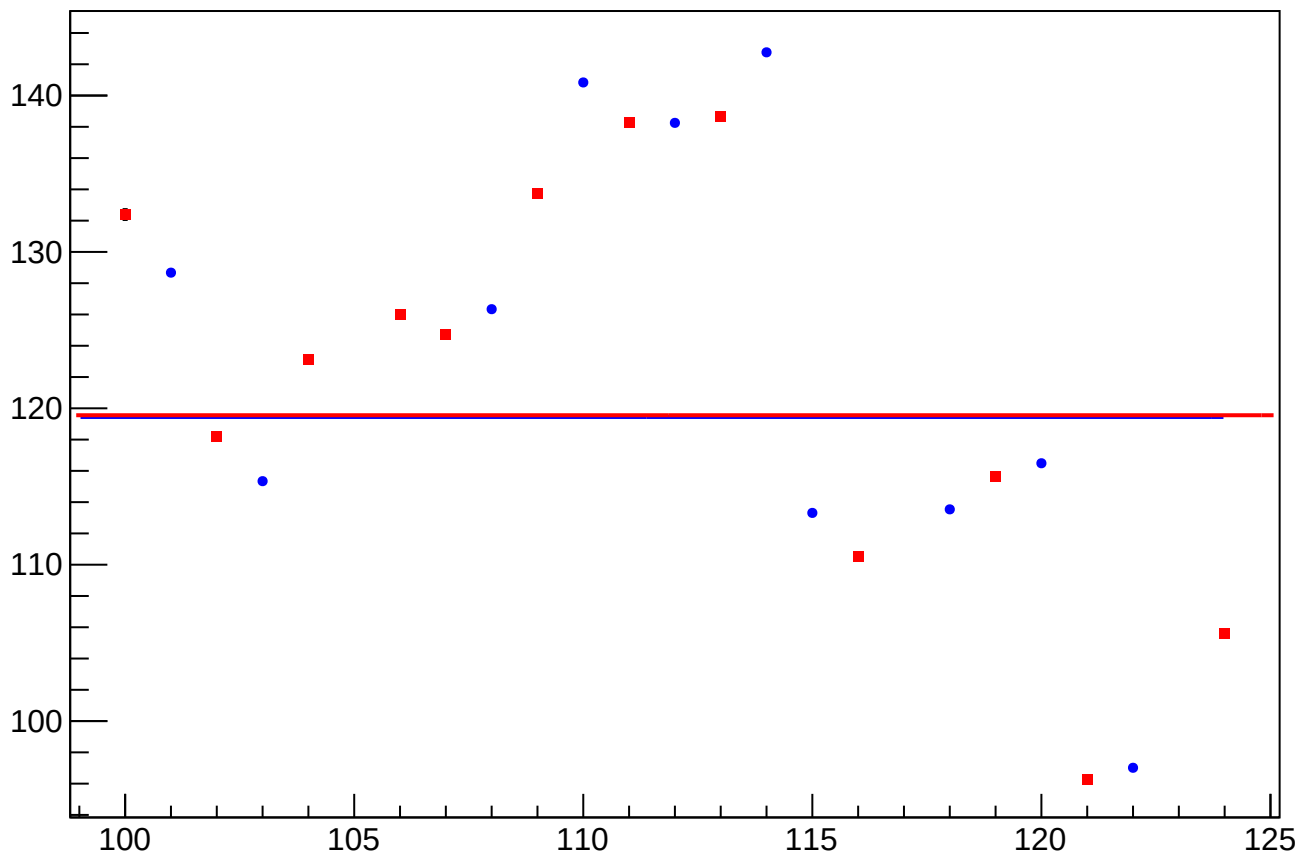
Right: 108.409 $\pm$ 40.627 χ^2 /NDF: 18.4/21

In: 161.920 $\pm$ 59.450 χ^2 /NDF:5.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 108.409 $\pm$ 40.627 χ^2 /NDF: 18.4/21

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 119.447 $\pm$ 0.042 χ^2 /NDF: 100837.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 119.557 $\pm$ 0.039 χ^2 /NDF: 112428.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

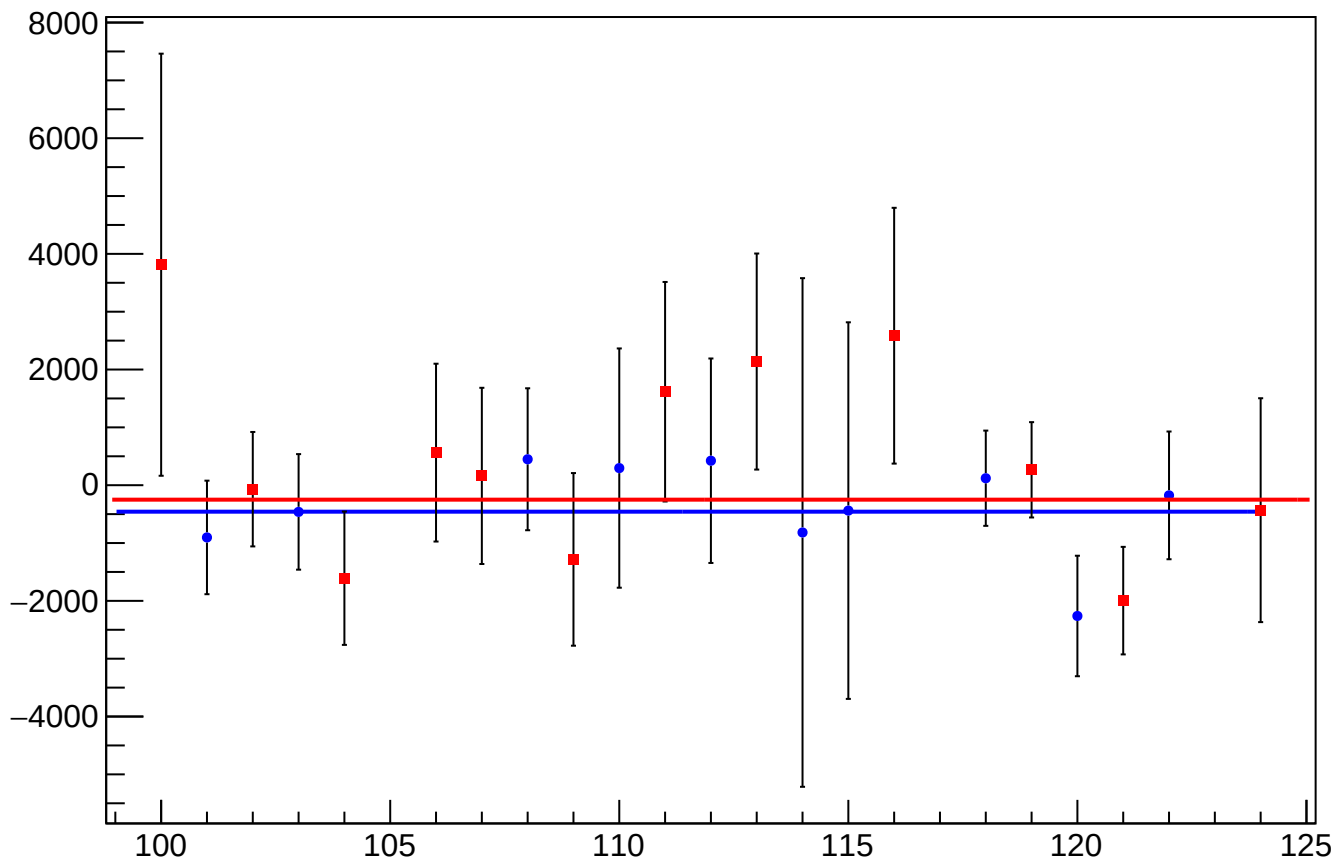
Right: 119.506 $\pm$ 0.029 χ^2 /NDF: 213269.4/21

In: 119.447 $\pm$ 0.042 χ^2 /NDF:100837.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.506 $\pm$ 0.029 χ^2 /NDF: 213269.4/21

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -457.858+/-388.676 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -250.081+/-383.026 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

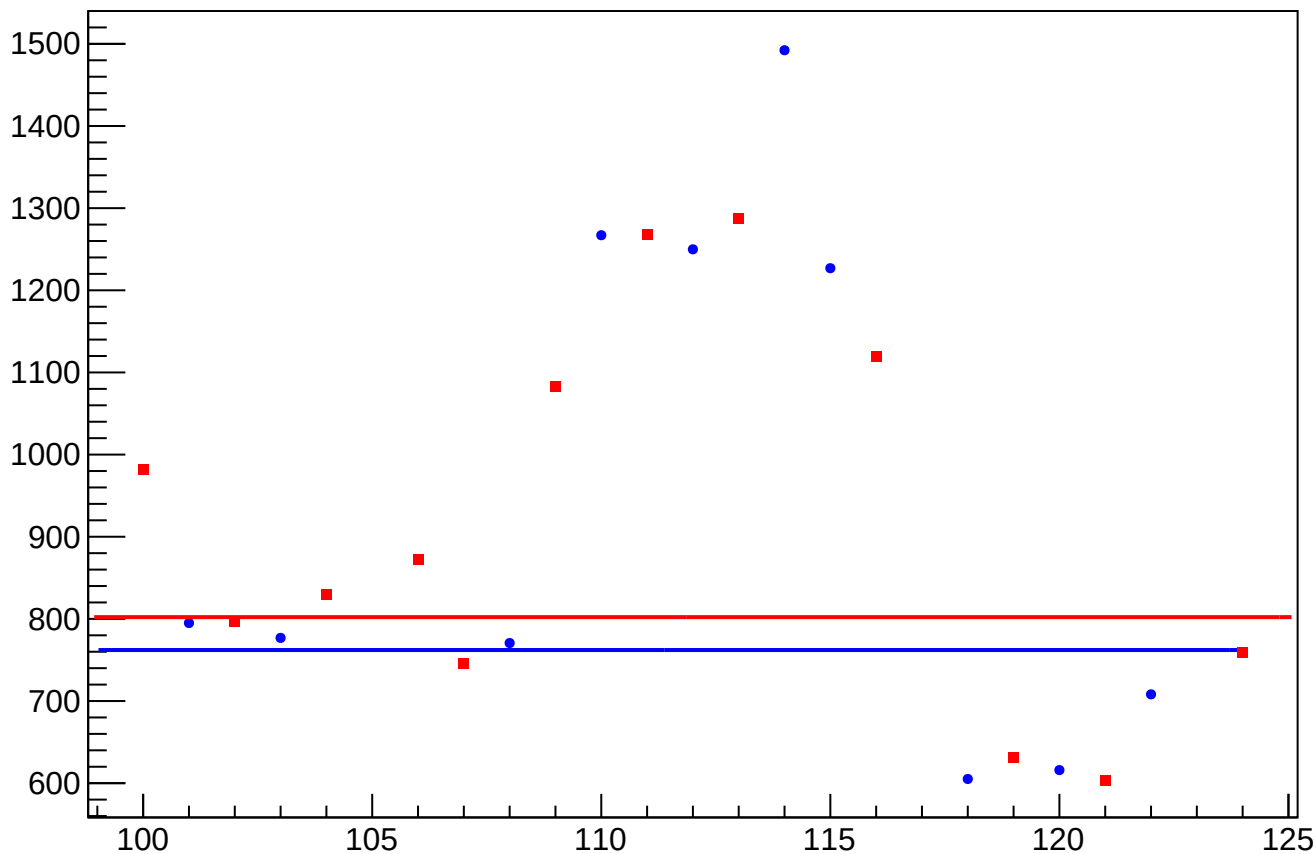
Right: -352.449+/-272.816 χ^2/NDF : 16.5/21

In: -457.858+/-388.676 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.449+/-272.816 χ^2/NDF : 16.5/21

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 762.077+/-0.275 χ^2/NDF : 486946.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 802.131+/-0.271 χ^2/NDF : 558863.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

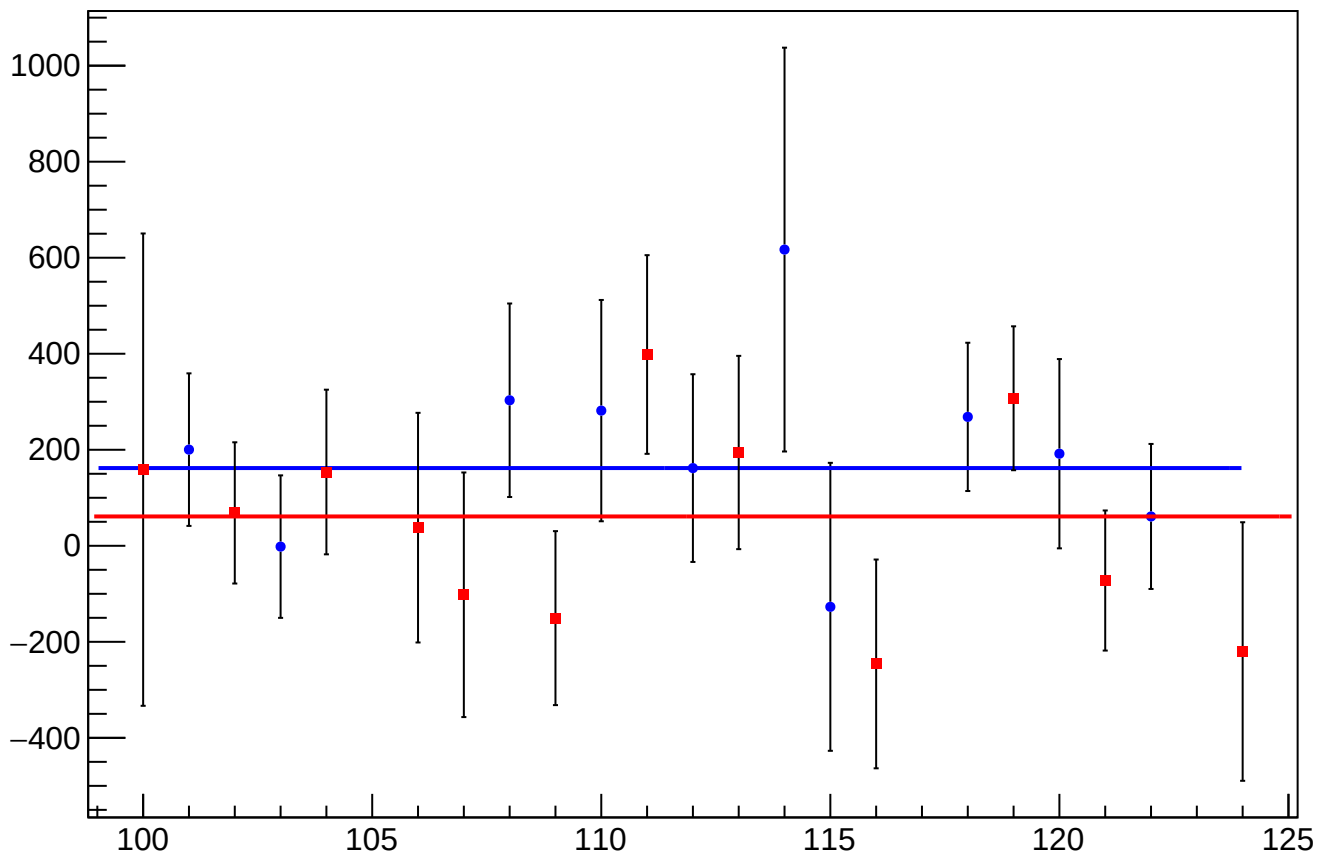
Right: 782.398+/-0.193 χ^2/NDF : 1056584.9/21

In: 762.077+/-0.275 χ^2/NDF : 486946.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.398+/-0.193 χ^2/NDF : 1056584.9/21

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 161.909+/-59.450 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.119+/-55.708 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

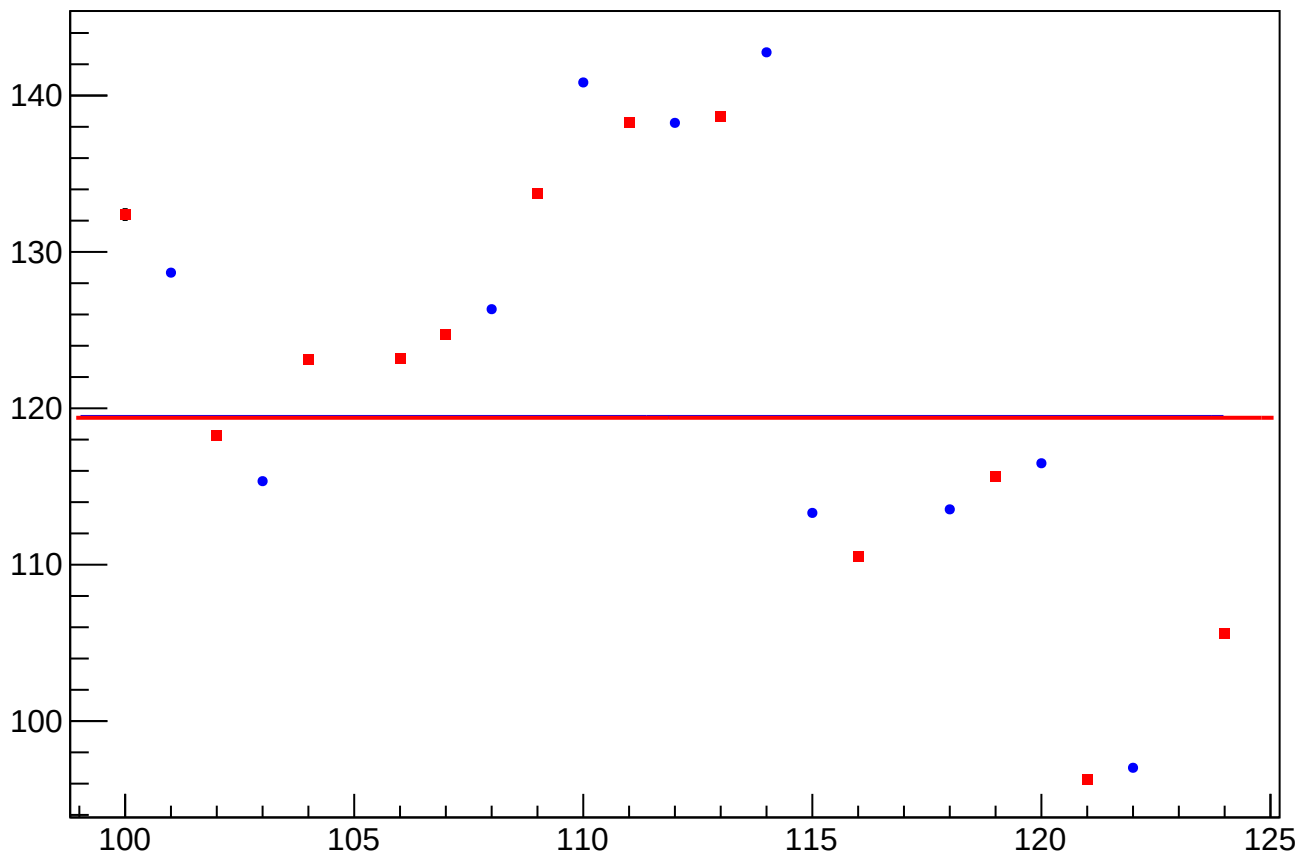
Right: 108.243+/-40.650 χ^2/NDF : 18.4/21

In: 161.909+/-59.450 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.243+/-40.650 χ^2/NDF : 18.4/21

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 119.447+/-0.042 χ^2/NDF : 100837.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 119.395+/-0.039 χ^2/NDF : 111345.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

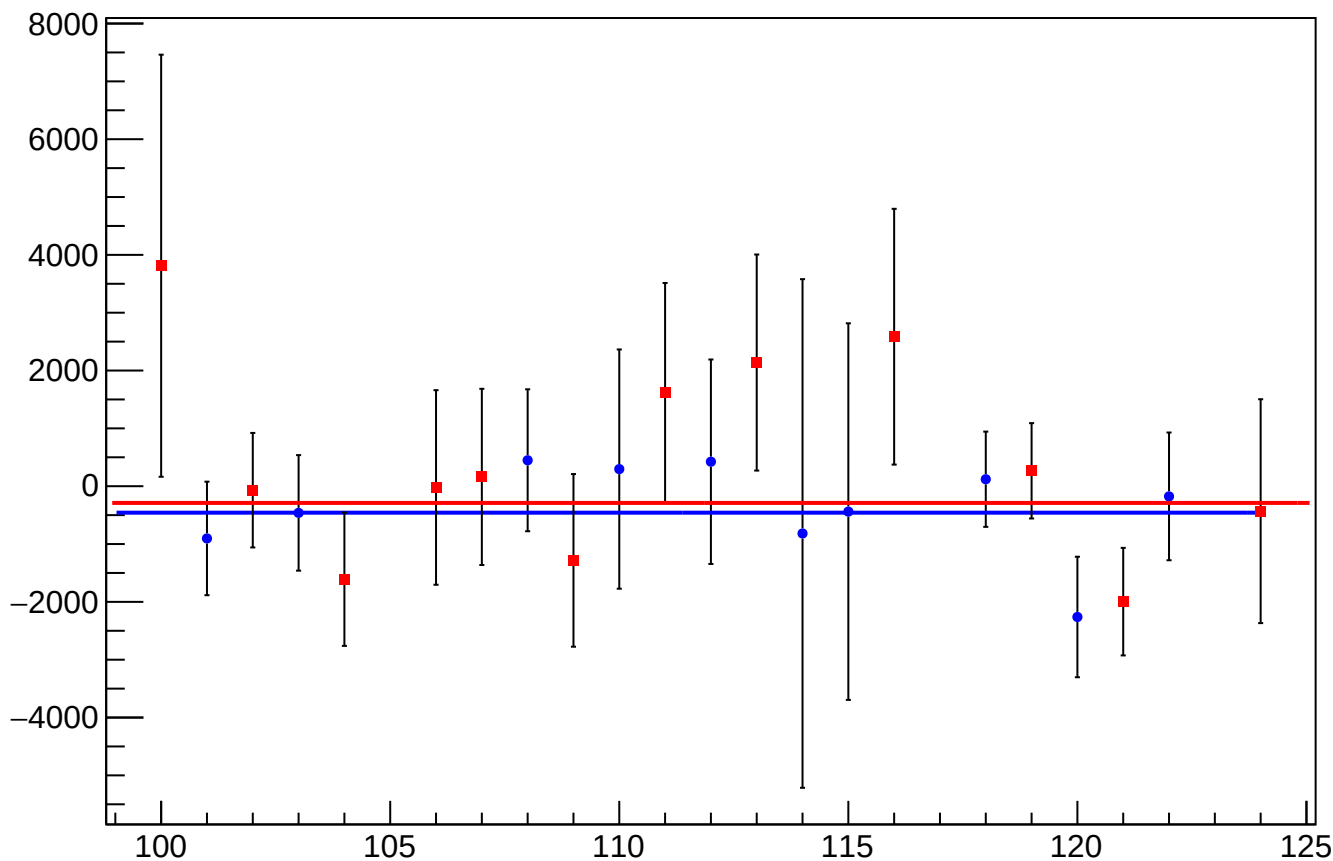
Right: 119.420+/-0.029 χ^2/NDF : 212183.7/21

In: 119.447+/-0.042 χ^2/NDF :100837.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 119.420+/-0.029 χ^2/NDF : 212183.7/21

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -457.826+/-388.677 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -289.108+/-385.042 χ^2/NDF : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

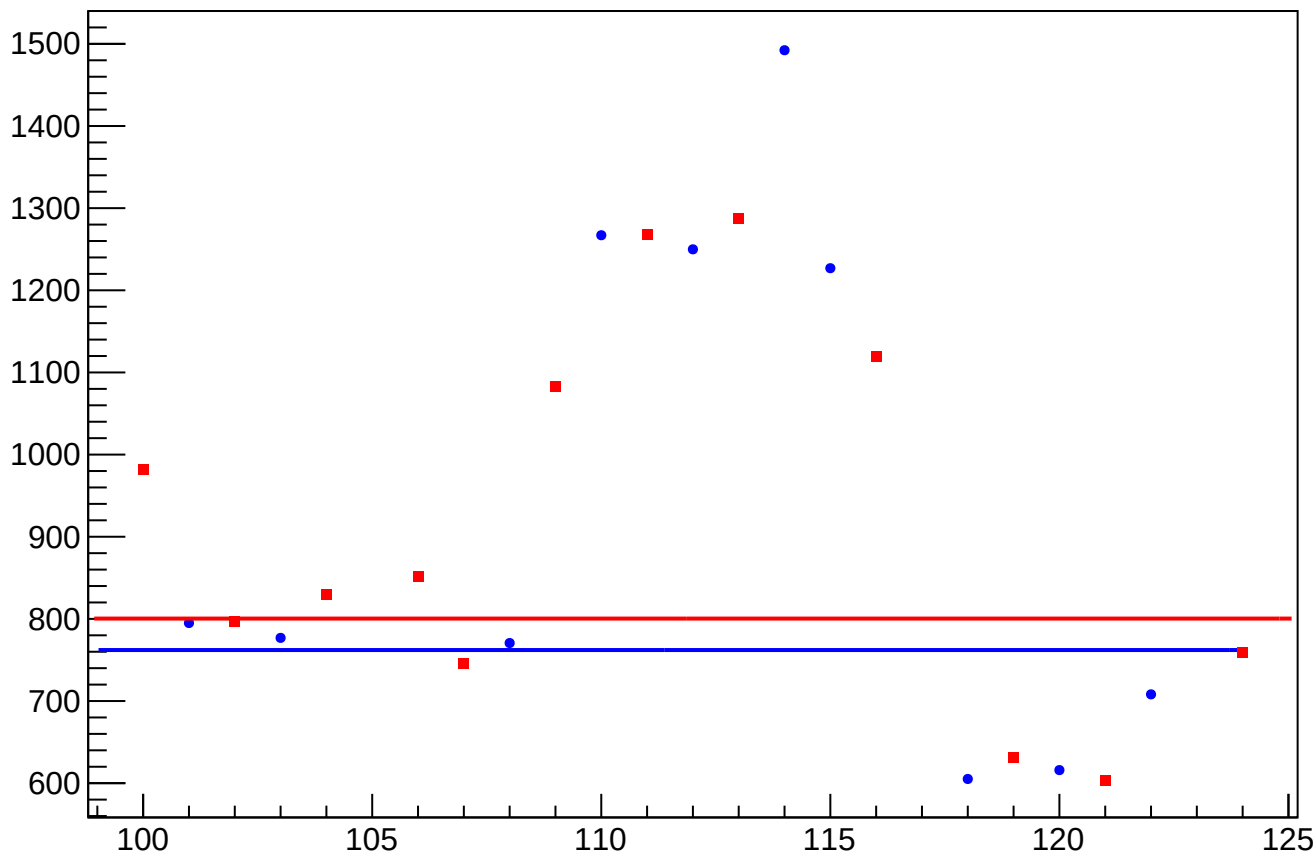
Right: -372.674+/-273.542 χ^2/NDF : 16.2/21

In: -457.826+/-388.677 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.674+/-273.542 χ^2/NDF : 16.2/21

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 762.079+/-0.275 χ^2/NDF : 486953.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 800.384+/-0.272 χ^2/NDF : 556340.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

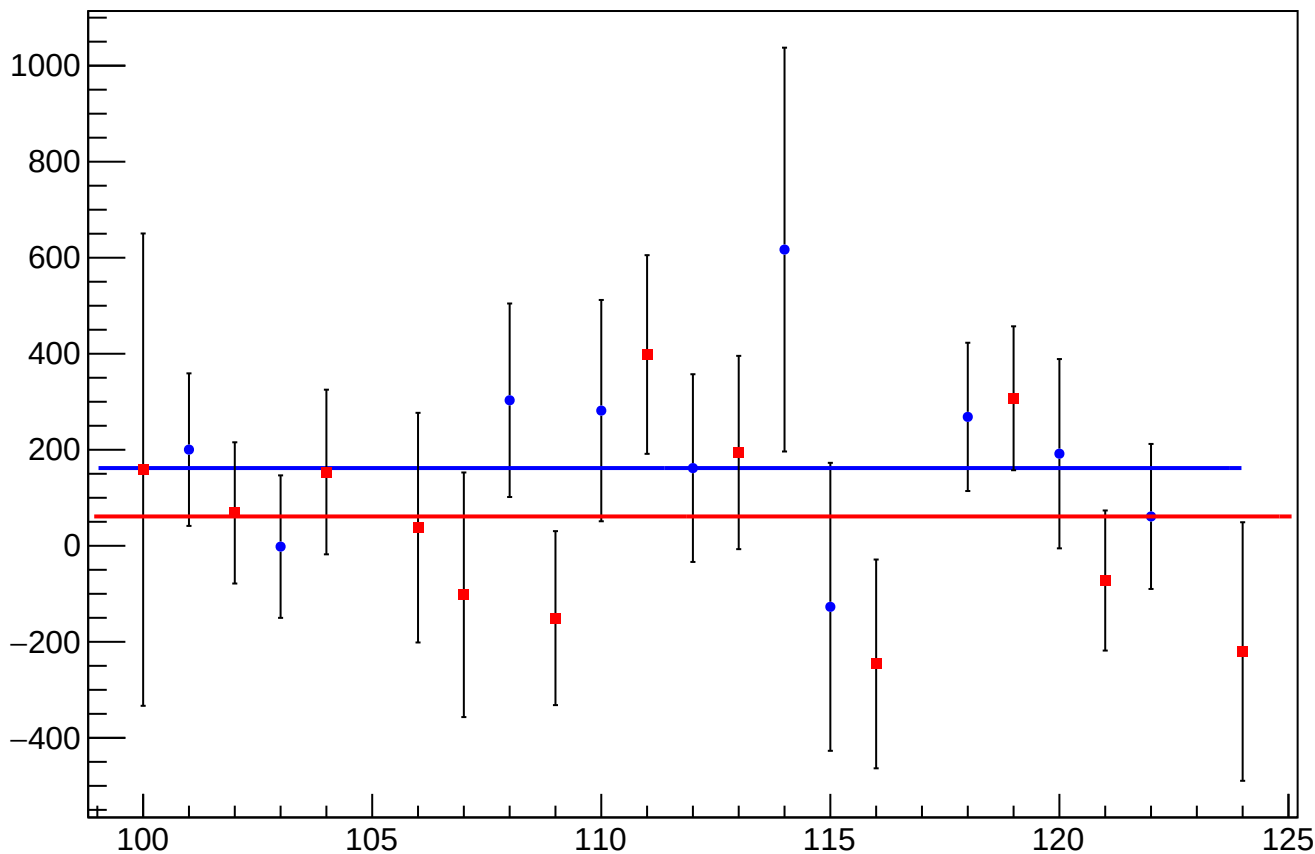
Right: 781.412+/-0.193 χ^2/NDF : 1053097.6/21

In: 762.079+/-0.275 χ^2/NDF : 486953.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.412+/-0.193 χ^2/NDF : 1053097.6/21

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 161.909+/-59.450 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.119+/-55.708 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

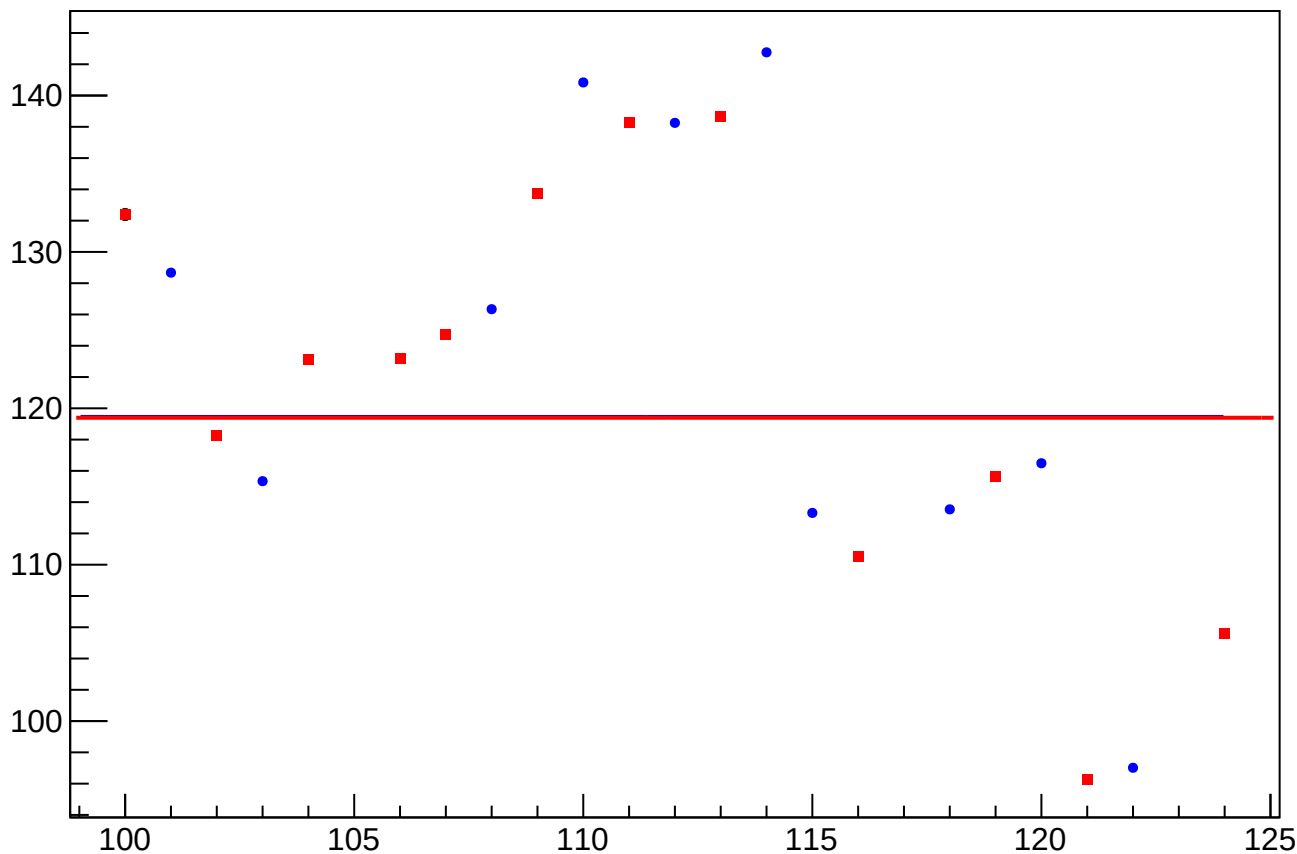
Right: 108.243+/-40.650 χ^2/NDF : 18.4/21

In: 161.909+/-59.450 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.243+/-40.650 χ^2/NDF : 18.4/21

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 119.447+/-0.042 χ^2/NDF : 100837.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 119.395+/-0.039 χ^2/NDF : 111345.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

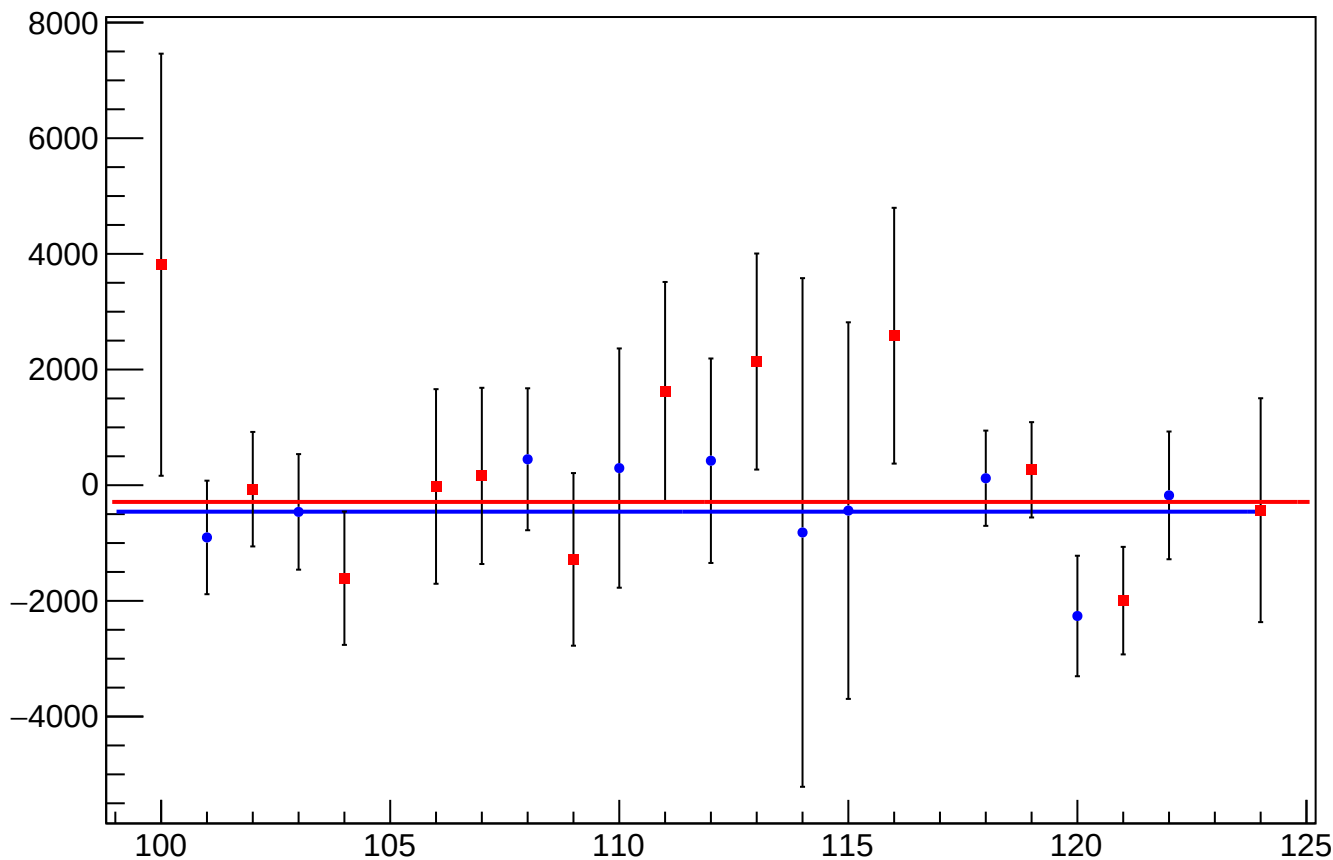
Right: 119.420+/-0.029 χ^2/NDF : 212183.7/21

In: 119.447+/-0.042 χ^2/NDF :100837.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 119.420+/-0.029 χ^2/NDF : 212183.7/21

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -457.826+/-388.677 χ^2/NDF : 4.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -289.108+/-385.042 χ^2/NDF : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

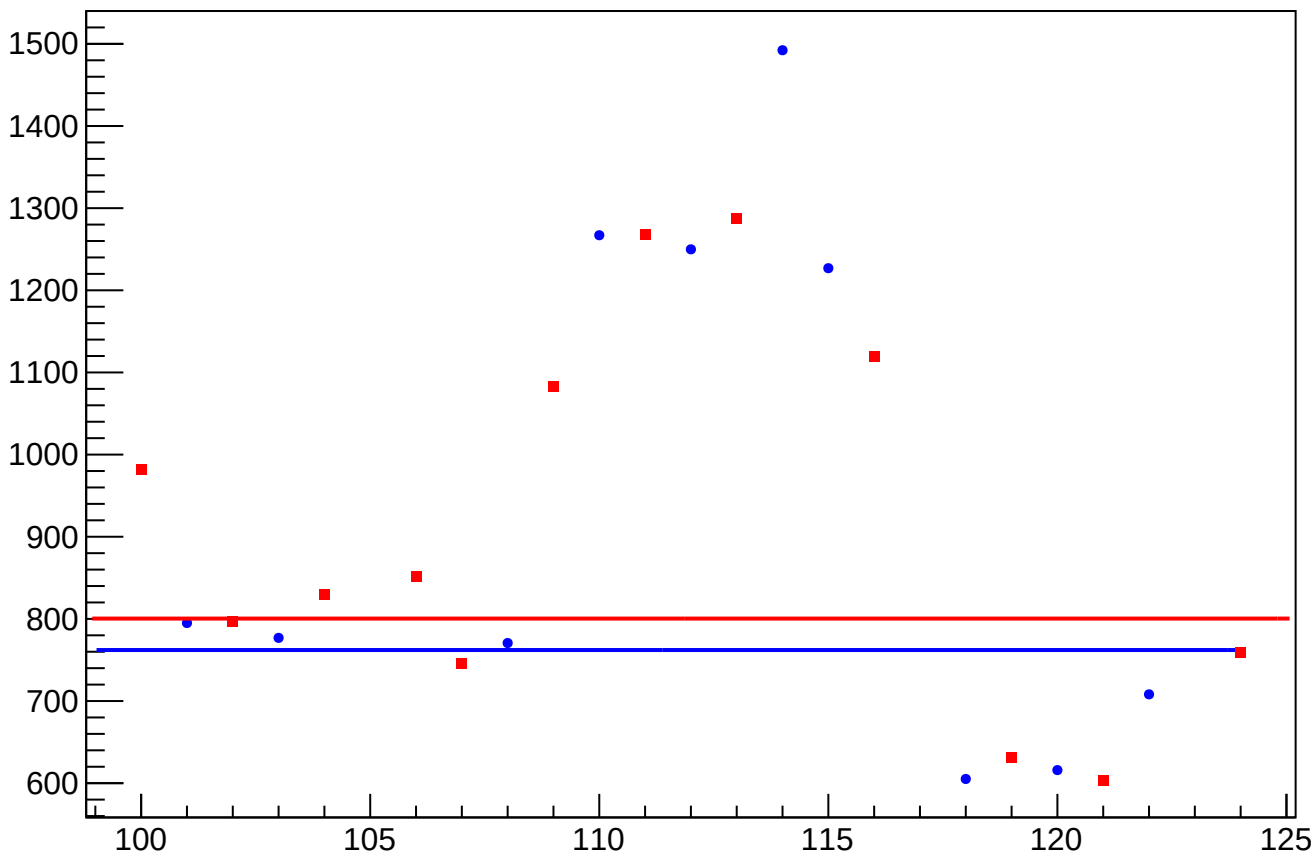
Right: -372.674+/-273.542 χ^2/NDF : 16.2/21

In: -457.826+/-388.677 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.674+/-273.542 χ^2/NDF : 16.2/21

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 762.079+/-0.275 χ^2/NDF : 486953.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 800.384+/-0.272 χ^2/NDF : 556340.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

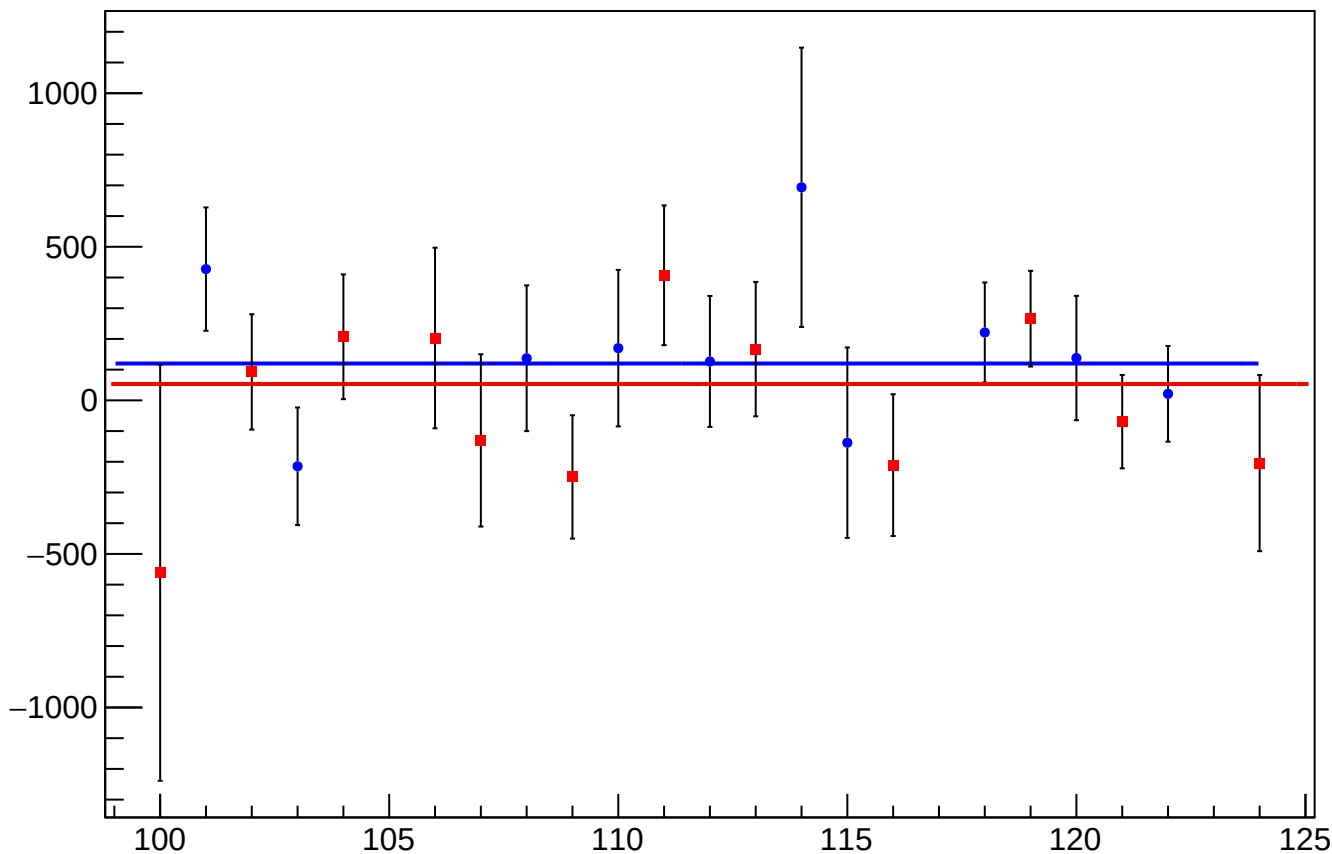
Right: 781.412+/-0.193 χ^2/NDF : 1053097.6/21

In: 762.079+/-0.275 χ^2/NDF : 486953.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.412+/-0.193 χ^2/NDF : 1053097.6/21

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 119.935 $\pm$ 66.539 χ^2 /NDF: 8.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.226 $\pm$ 62.080 χ^2 /NDF: 11.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

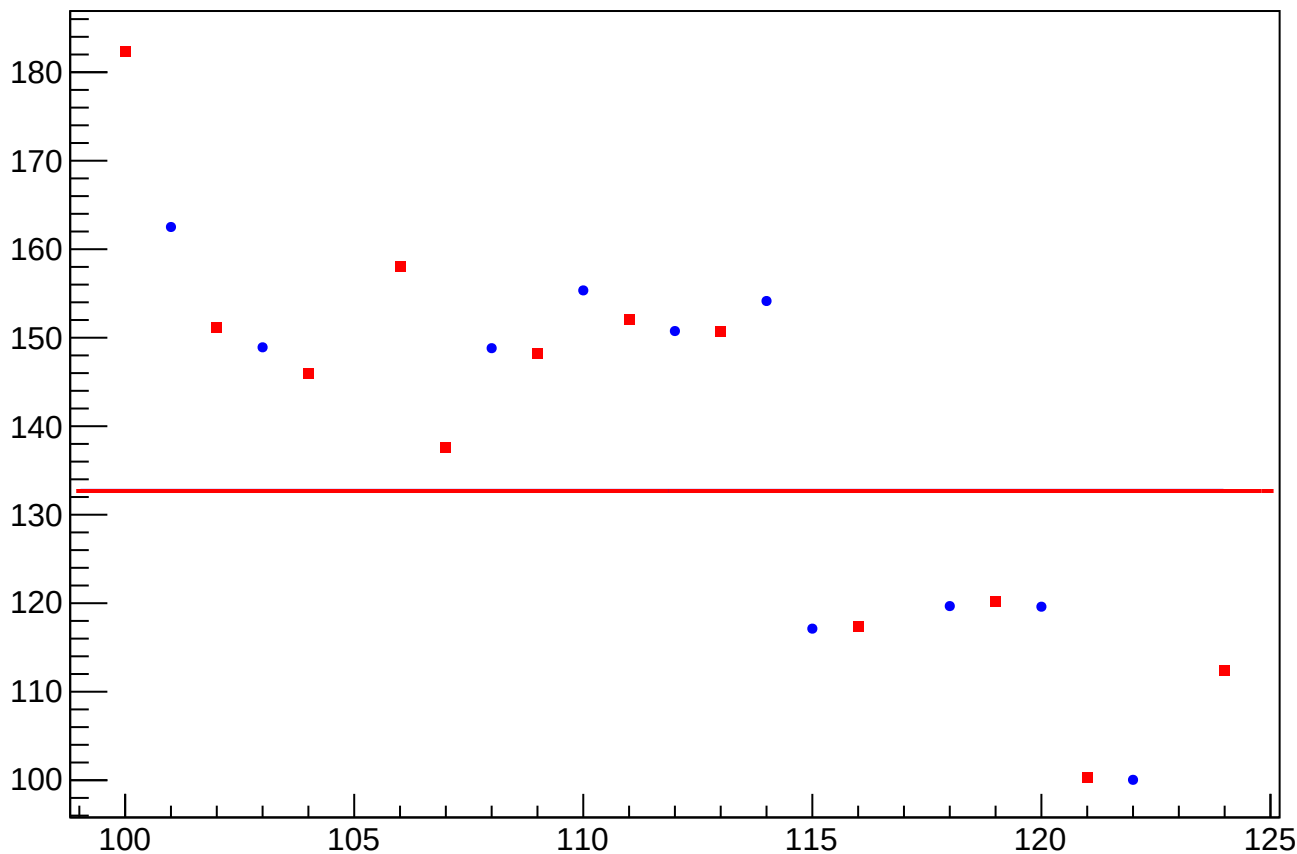
Right: 84.271 $\pm$ 45.392 χ^2 /NDF: 20.8/21

In: 119.935 $\pm$ 66.539 χ^2 /NDF:8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 84.271 $\pm$ 45.392 χ^2 /NDF: 20.8/21

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 132.694+/-0.047 χ^2/NDF : 216345.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.679+/-0.044 χ^2/NDF : 216437.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

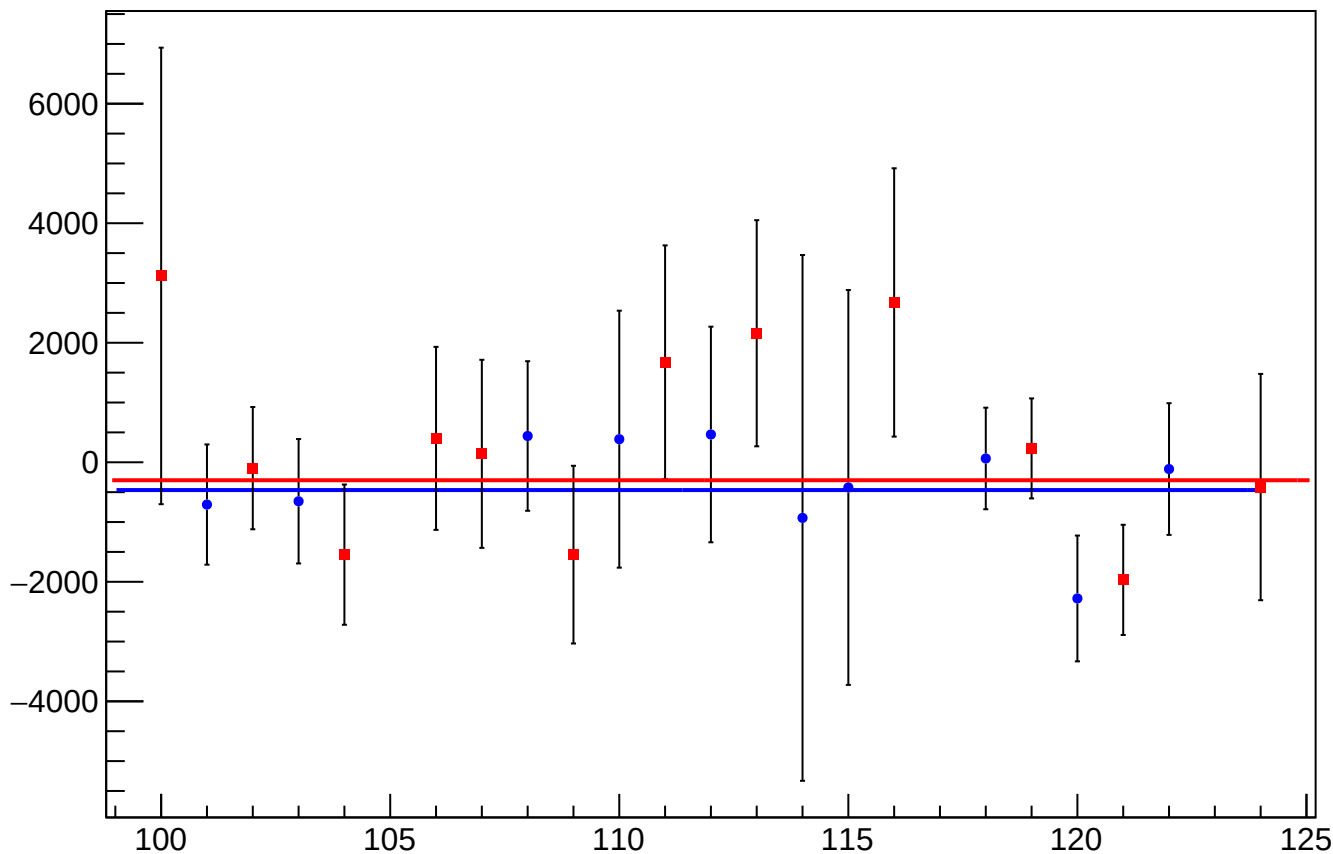
Right: 132.686+/-0.032 χ^2/NDF : 432783.0/21

In: 132.694+/-0.047 χ^2/NDF : 216345.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.686+/-0.032 χ^2/NDF : 432783.0/21

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -464.985+/-397.540 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -300.739+/-387.567 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

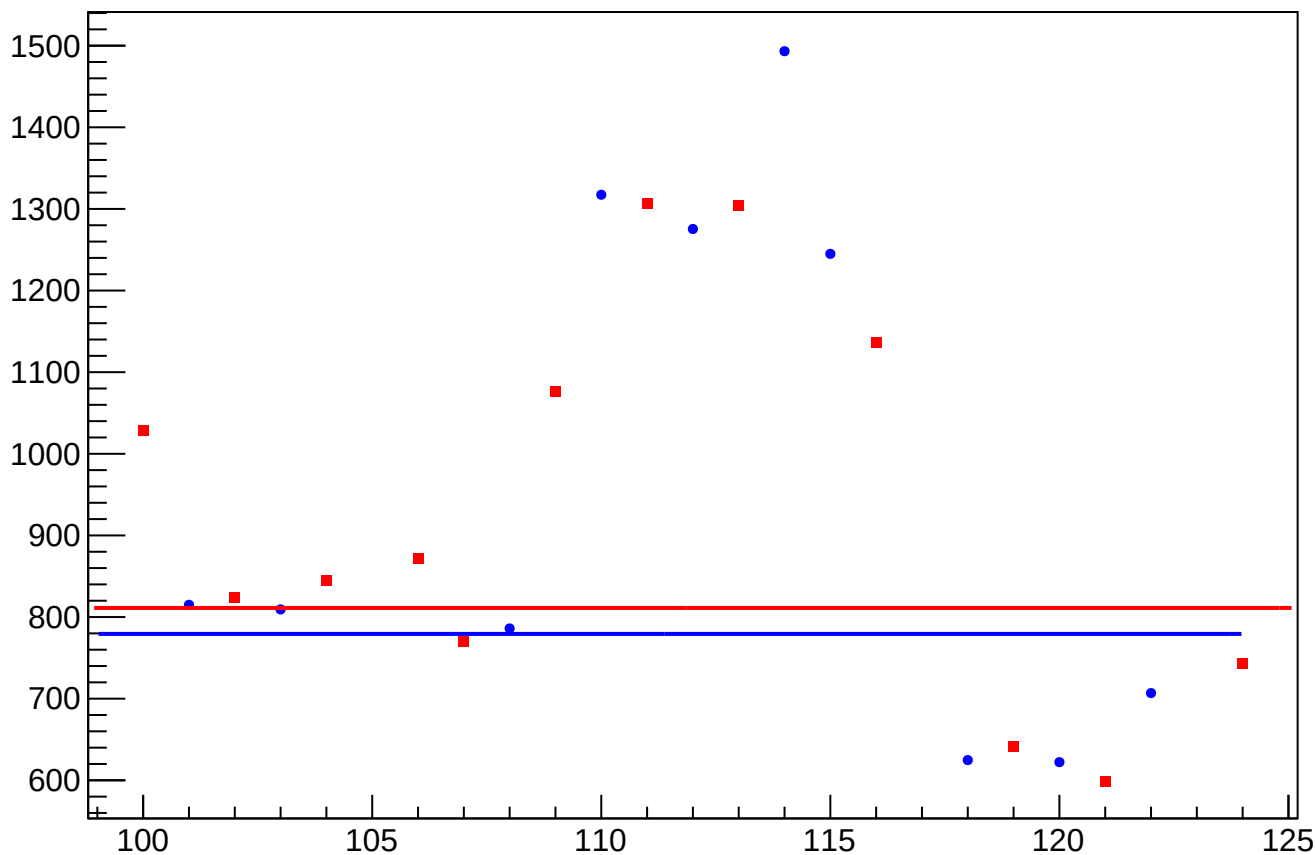
Right: -380.776+/-277.510 χ^2/NDF : 15.7/21

In: -464.985+/-397.540 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.776+/-277.510 χ^2/NDF : 15.7/21

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 779.352+/-0.281 χ^2/NDF : 492549.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 811.165+/-0.274 χ^2/NDF : 573805.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

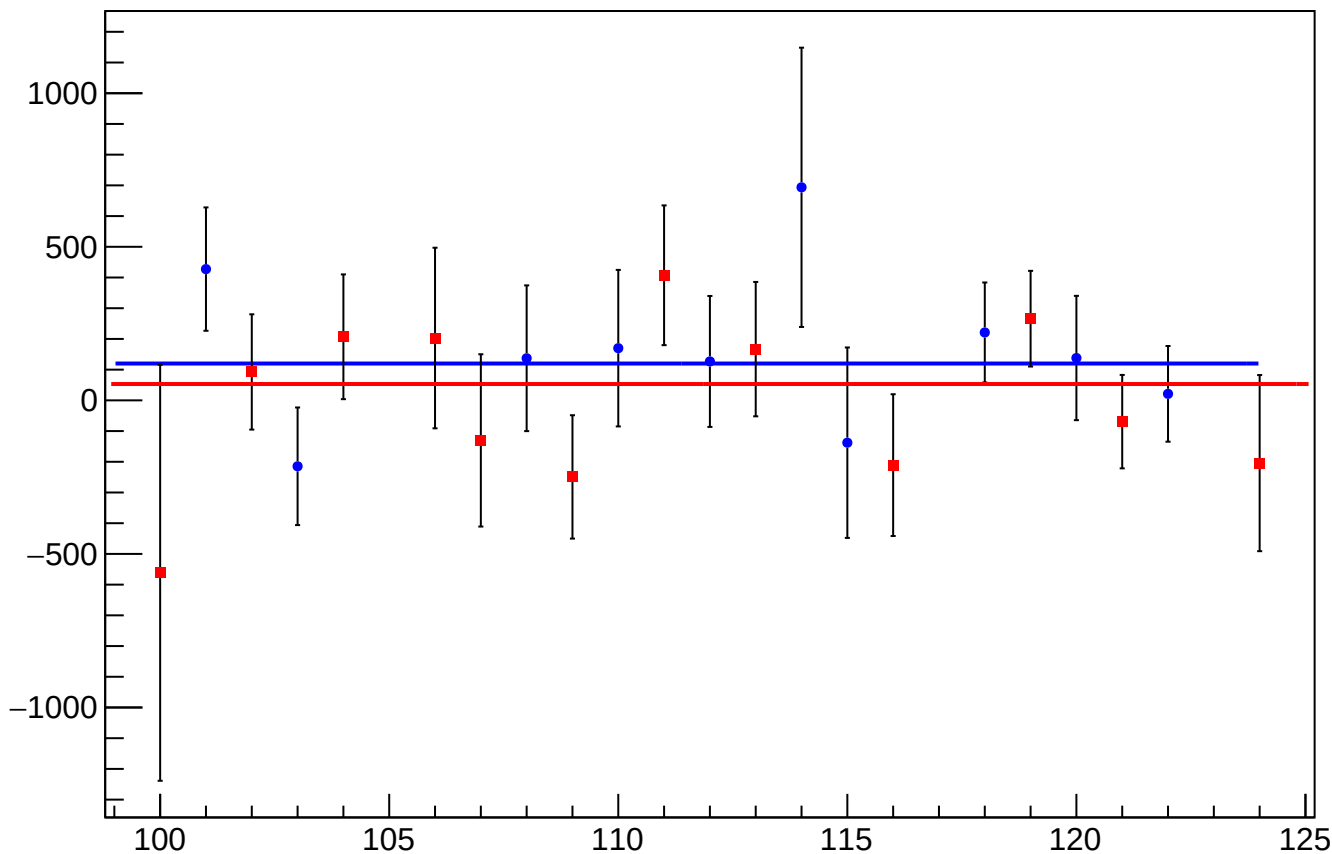
Right: 795.662+/-0.196 χ^2/NDF : 1072920.9/21

In: 779.352+/-0.281 χ^2/NDF : 492549.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 795.662+/-0.196 χ^2/NDF : 1072920.9/21

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 119.934 $\pm$ 66.539 χ^2 /NDF: 8.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.224 $\pm$ 62.080 χ^2 /NDF: 11.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

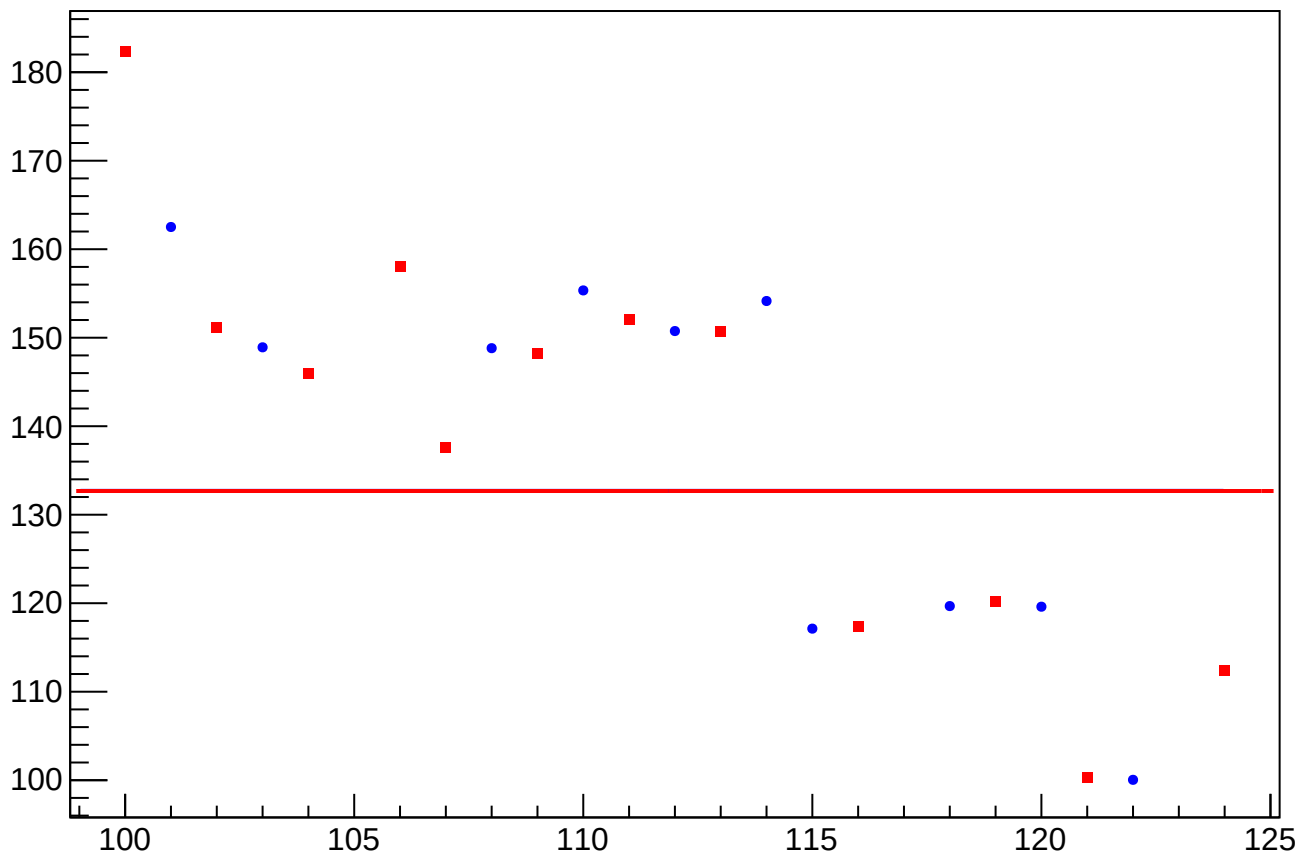
Right: 84.269 $\pm$ 45.392 χ^2 /NDF: 20.8/21

In: 119.934 $\pm$ 66.539 χ^2 /NDF:8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 84.269 $\pm$ 45.392 χ^2 /NDF: 20.8/21

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 132.694+/-0.047 χ^2/NDF : 216340.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.679+/-0.044 χ^2/NDF : 216431.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

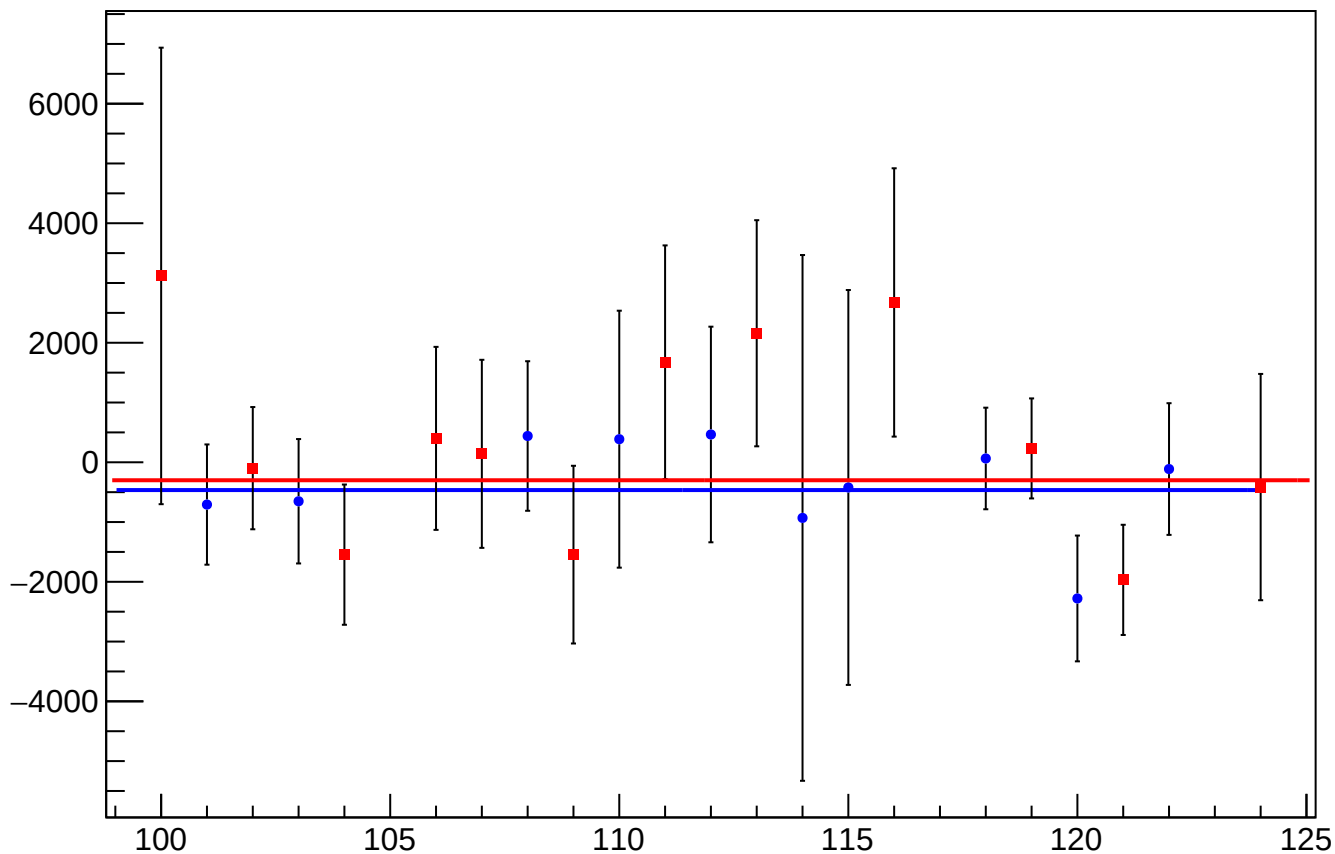
Right: 132.686+/-0.032 χ^2/NDF : 432771.5/21

In: 132.694+/-0.047 χ^2/NDF : 216340.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.686+/-0.032 χ^2/NDF : 432771.5/21

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -464.985+/-397.539 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -300.740+/-387.566 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

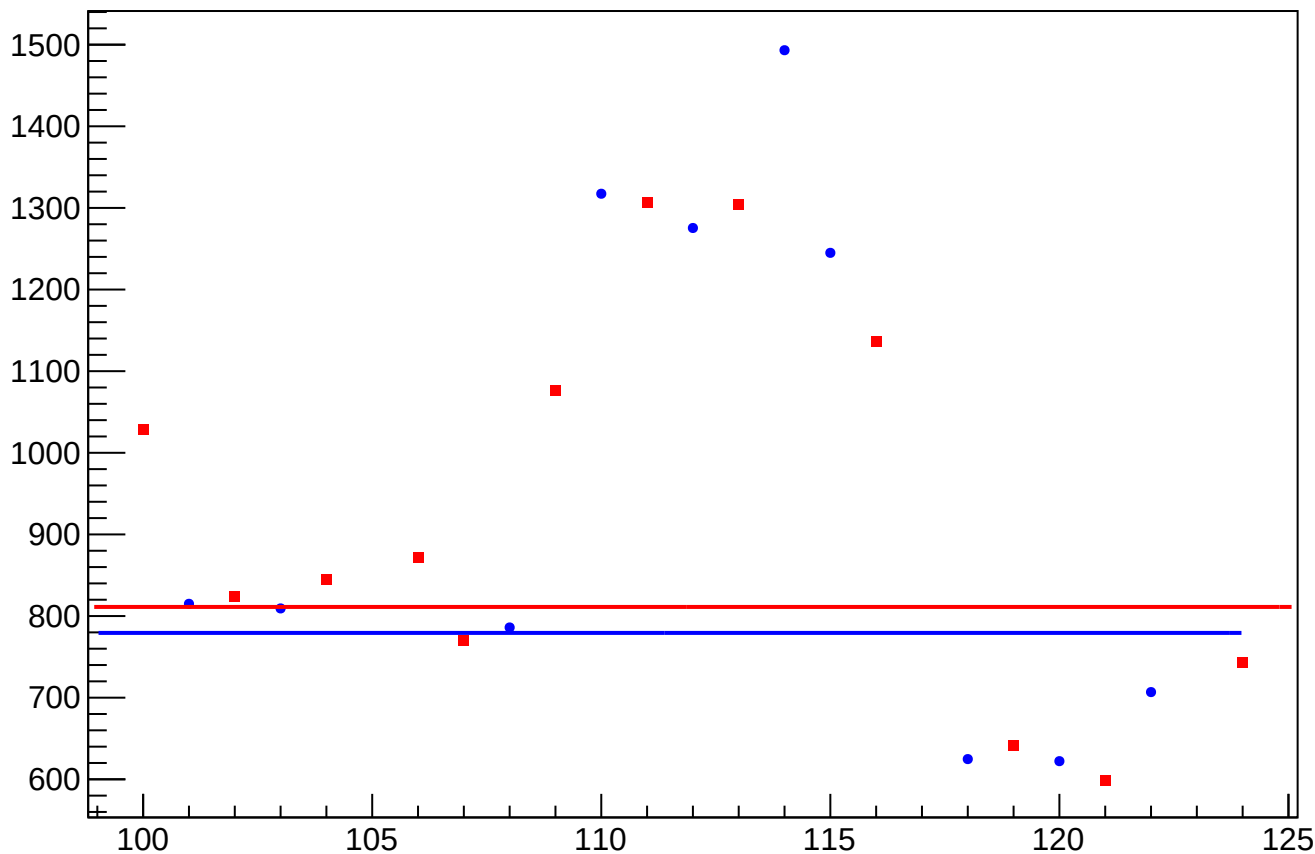
Right: -380.776+/-277.509 χ^2/NDF : 15.7/21

In: -464.985+/-397.539 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.776+/-277.509 χ^2/NDF : 15.7/21

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 779.351+/-0.281 χ^2/NDF : 492543.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 811.164+/-0.274 χ^2/NDF : 573798.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

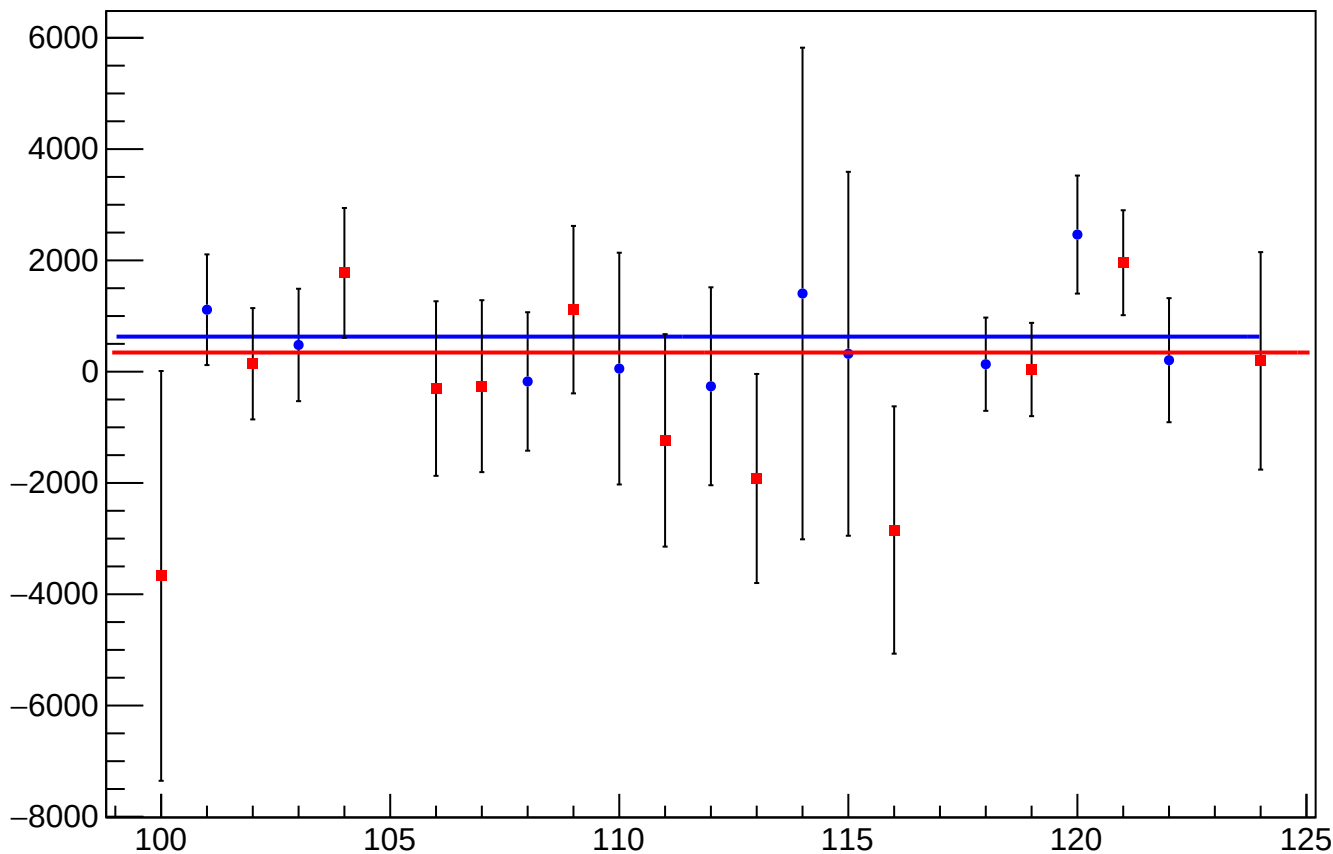
Right: 795.662+/-0.196 χ^2/NDF : 1072908.2/21

In: 779.351+/-0.281 χ^2/NDF : 492543.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 795.662+/-0.196 χ^2/NDF : 1072908.2/21

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 630.172 $\pm$ 393.858 χ^2 /NDF: 4.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 344.386 $\pm$ 387.941 χ^2 /NDF: 10.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

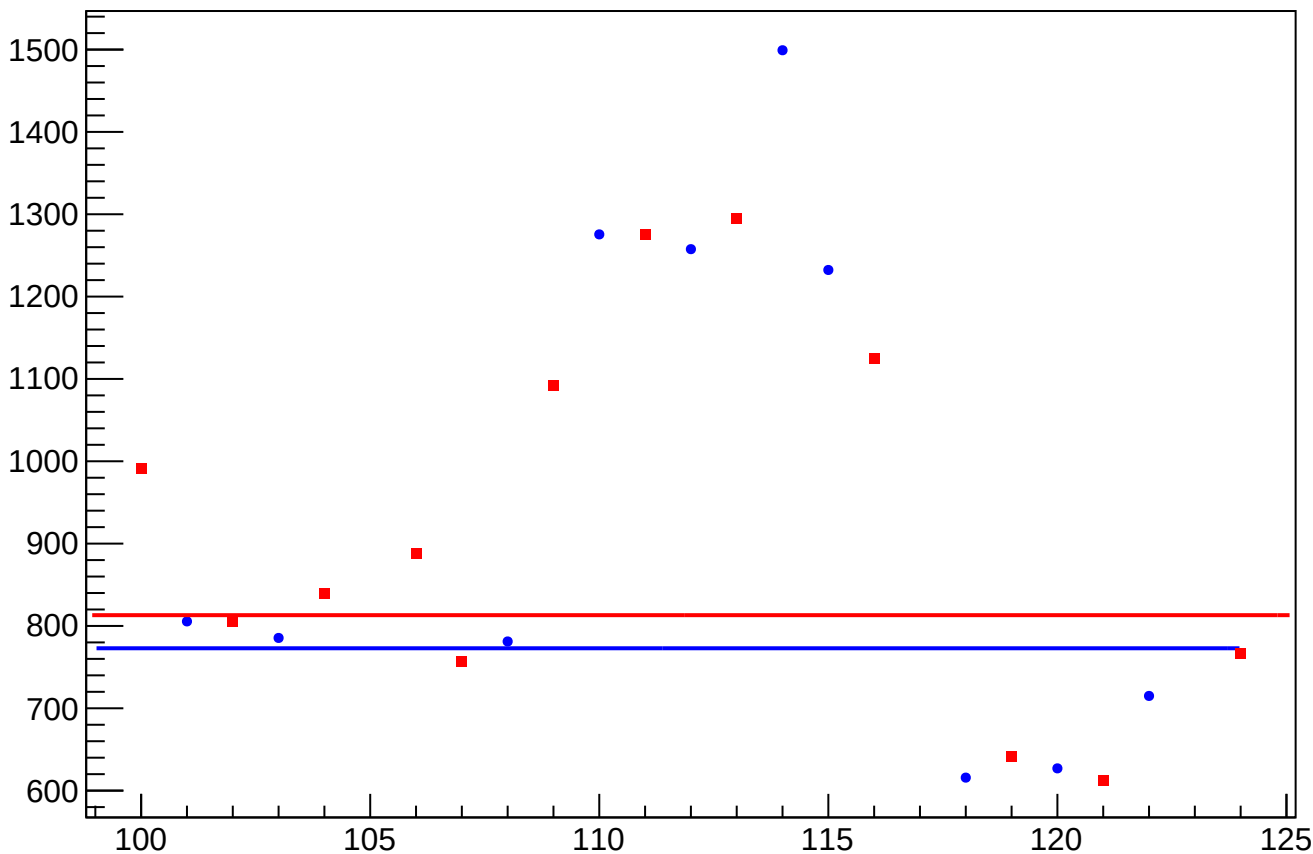
Right: 485.116 $\pm$ 276.384 χ^2 /NDF: 15.4/21

In: 630.172 $\pm$ 393.858 χ^2 /NDF:4.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 485.116 $\pm$ 276.384 χ^2 /NDF: 15.4/21

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 772.888+/-0.278 χ^2/NDF : 474668.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.092+/-0.274 χ^2/NDF : 545168.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

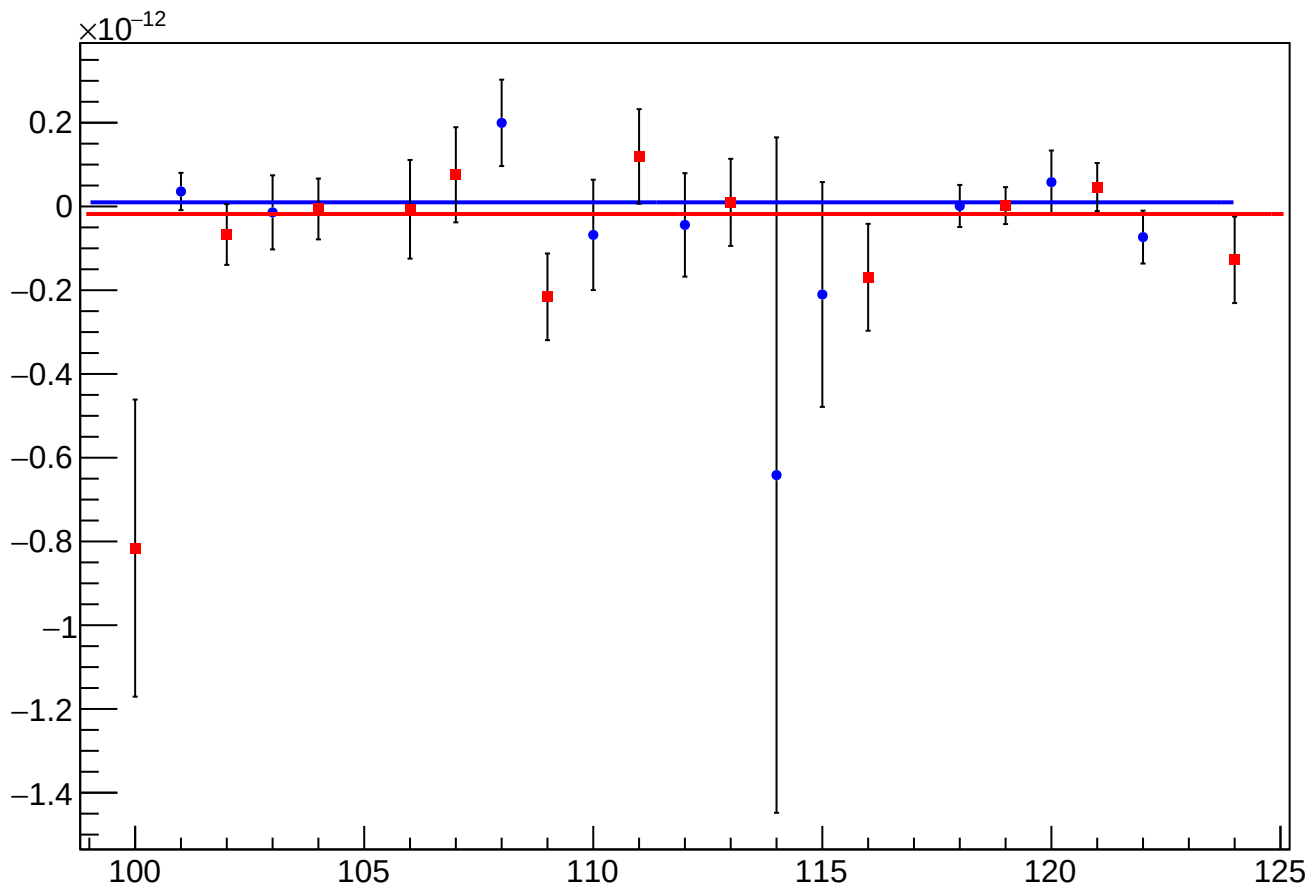
Right: 793.294+/-0.195 χ^2/NDF : 1030414.6/21

In: 772.888+/-0.278 χ^2/NDF : 474668.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.294+/-0.195 χ^2/NDF : 1030414.6/21

asym_sam_26_48_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 : 15.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

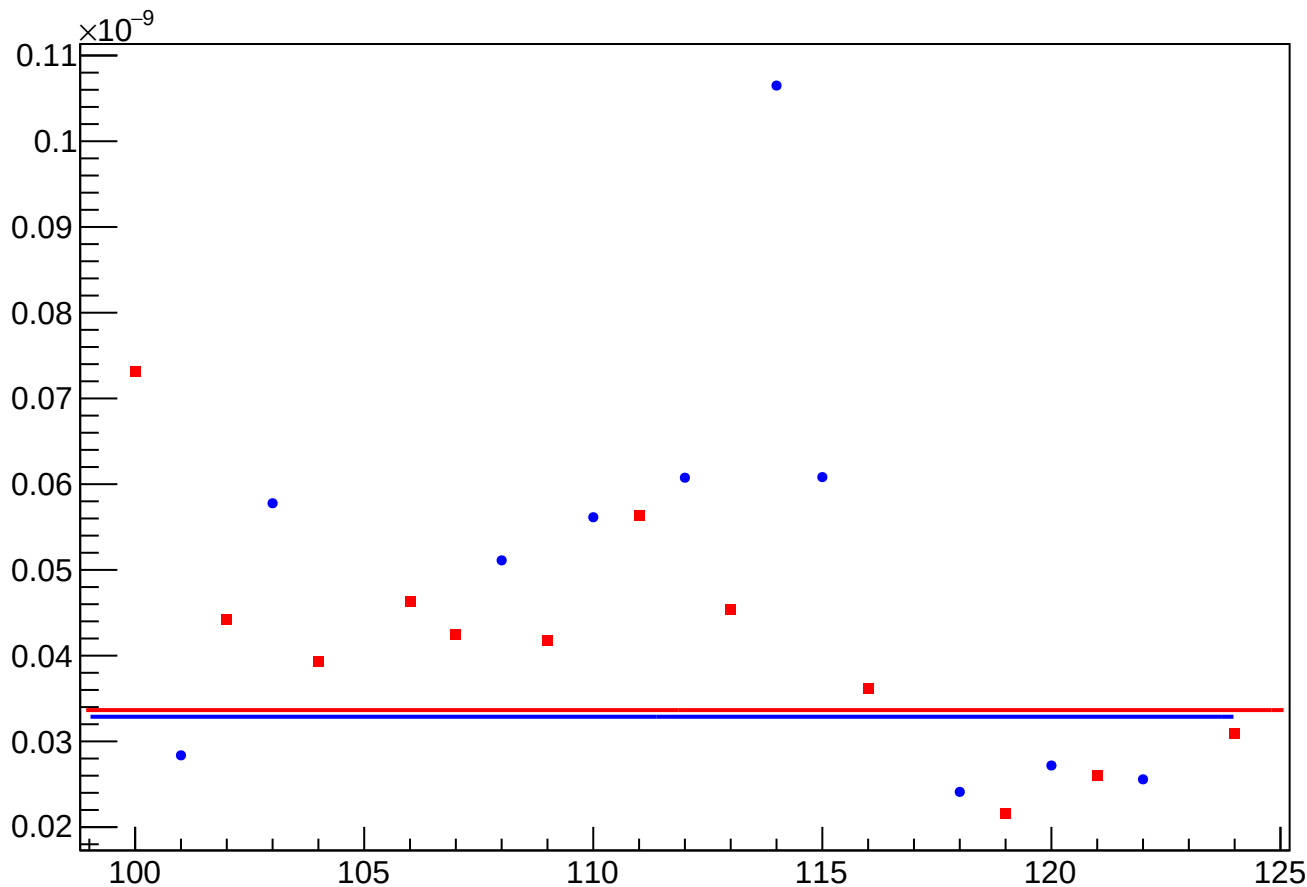
Right: -0.000+/-0.000 χ^2/NDF : 23.9/21

In: 0.000+/-0.000 χ^2/NDF : 7.8/9

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_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 542674.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 419950.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

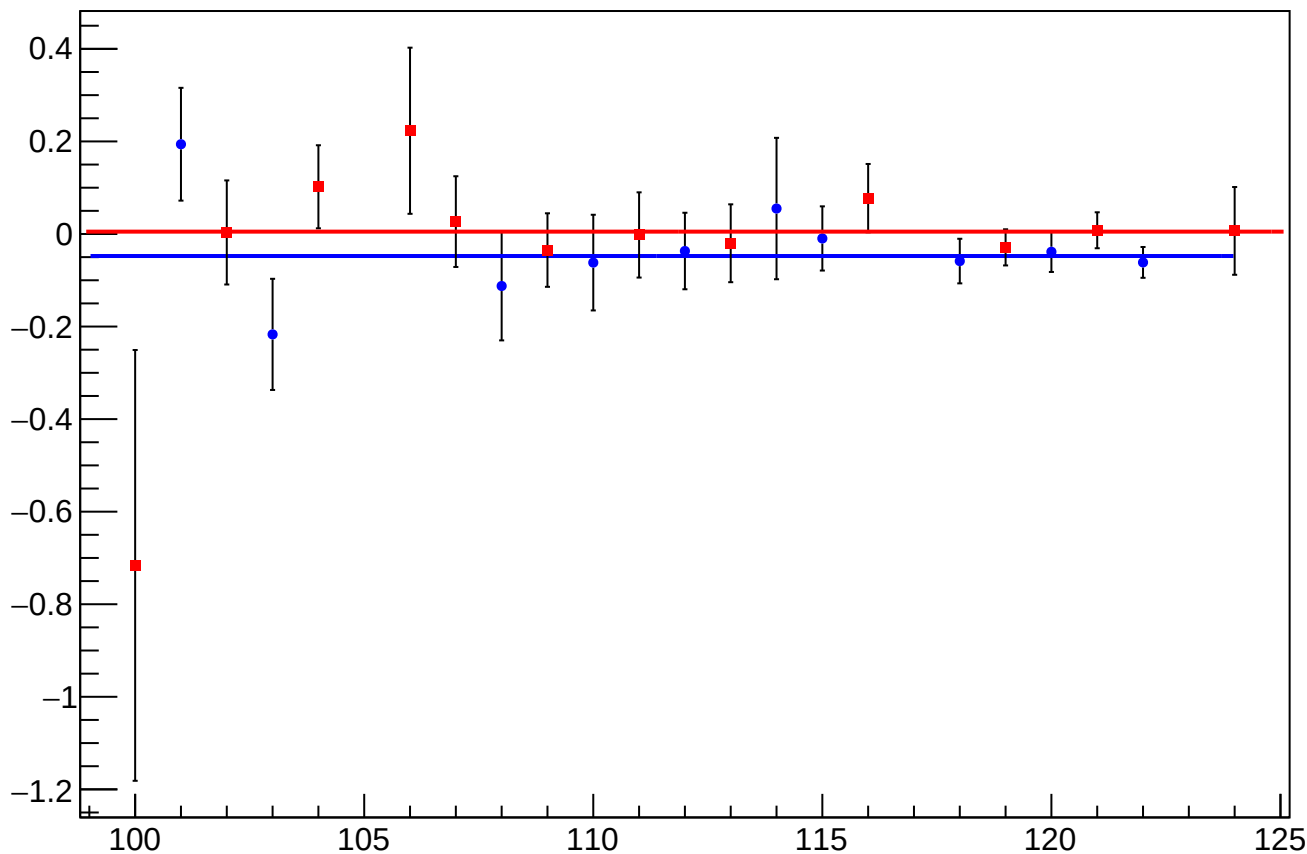
Right: 0.000+/-0.000 χ^2/NDF : 963665.7/21

In: 0.000+/-0.000 χ^2/NDF : 542674.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 963665.7/21

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 $\pm$ 0.020 χ^2 /NDF: 7.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.021 χ^2 /NDF: 7.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

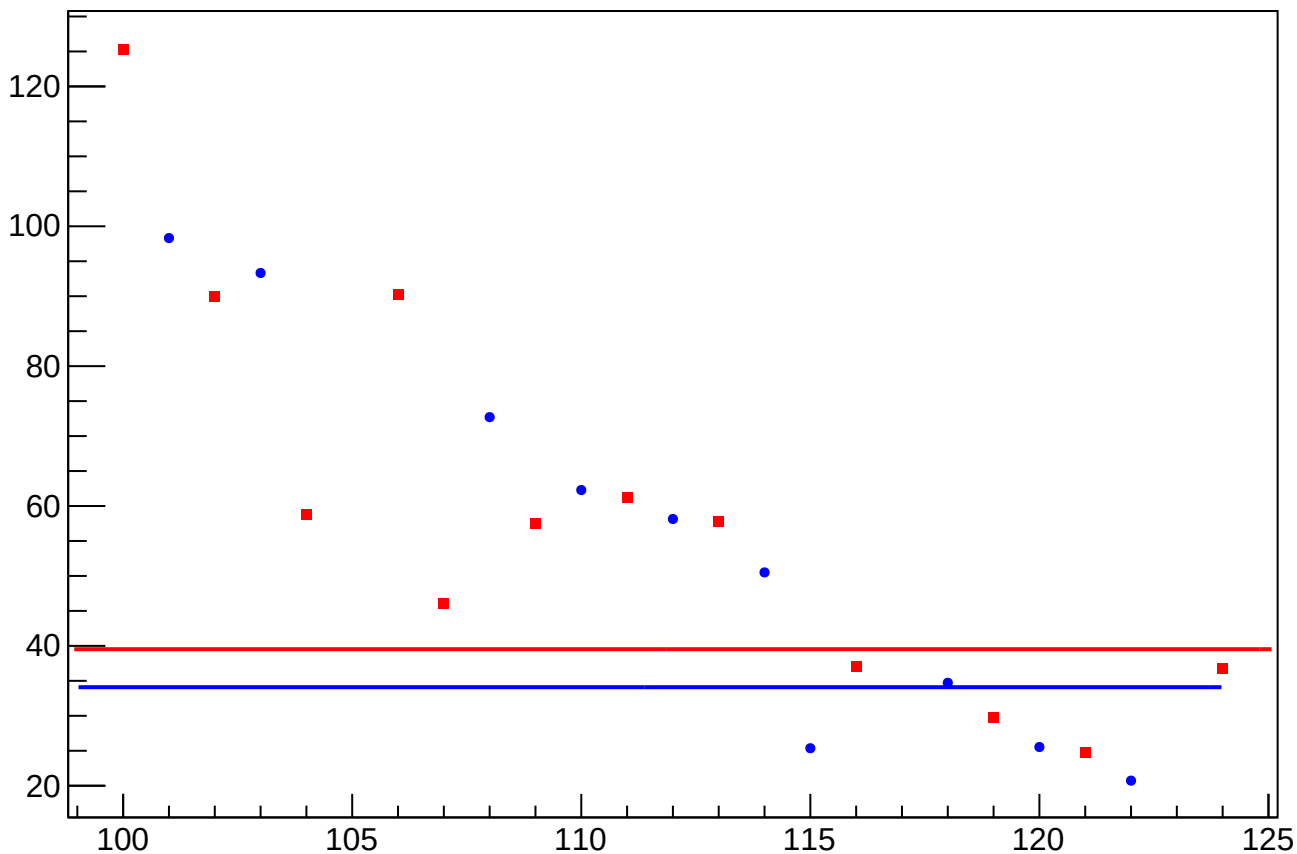
Right: -0.022 $\pm$ 0.014 χ^2 /NDF: 17.9/21

In: -0.048 $\pm$ 0.020 χ^2 /NDF:7.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.014 χ^2 /NDF: 17.9/21

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.090 $\pm$ 0.014 χ^2 /NDF: 2030351.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.524 $\pm$ 0.015 χ^2 /NDF: 1457713.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

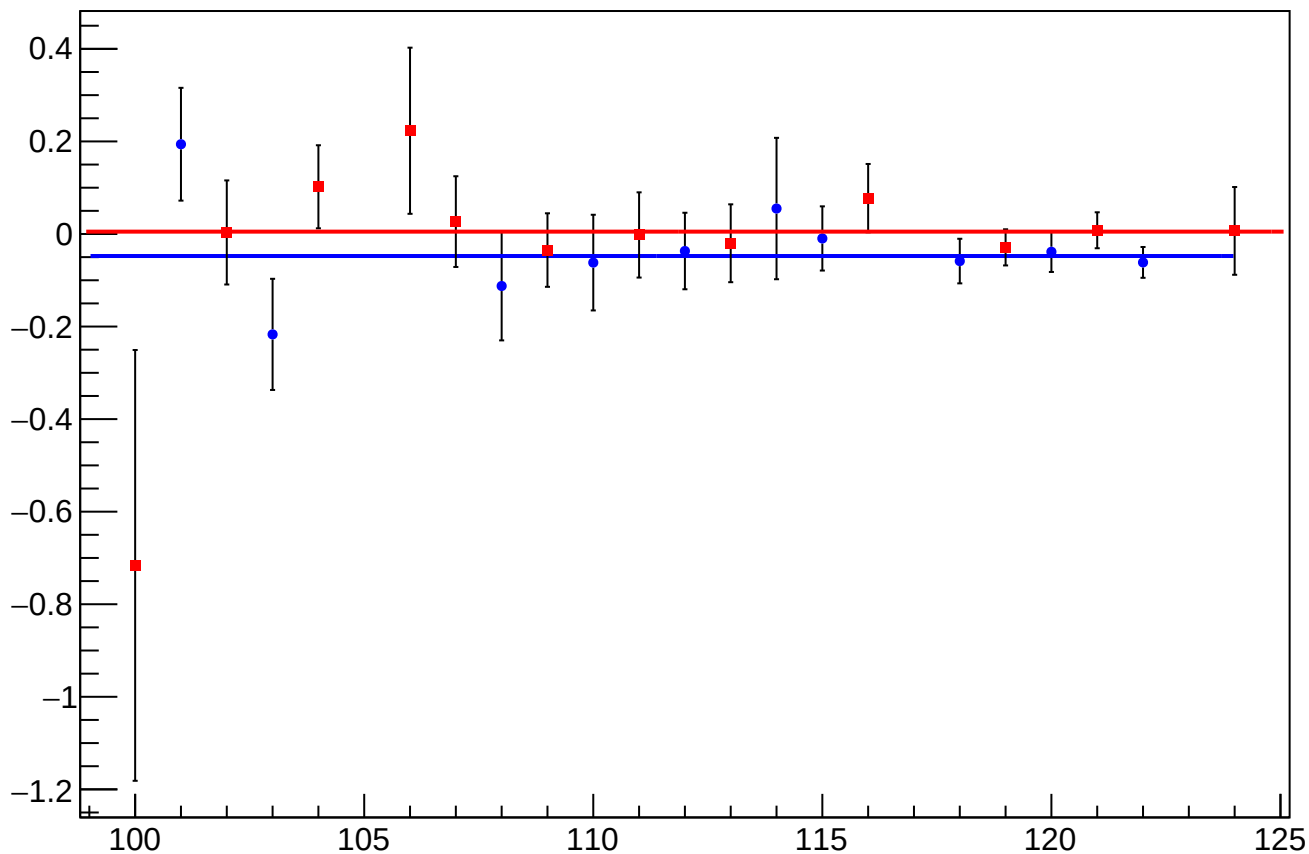
Right: 36.705 $\pm$ 0.010 χ^2 /NDF: 3560793.1/21

In: 34.090 $\pm$ 0.014 χ^2 /NDF:2030351.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.705 $\pm$ 0.010 χ^2 /NDF: 3560793.1/21

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.020 χ^2/NDF : 7.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.021 χ^2/NDF : 7.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

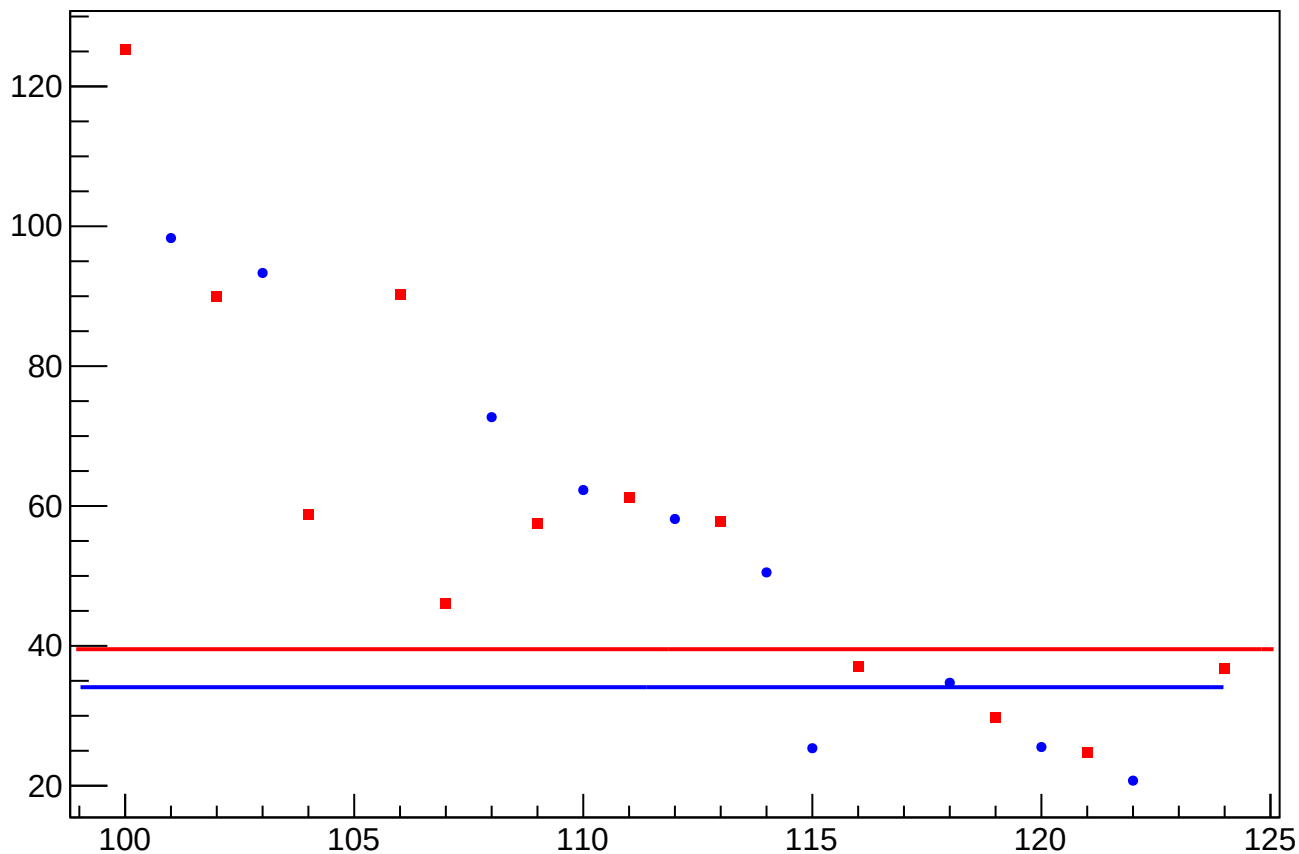
Right: -0.022 ± 0.014 χ^2/NDF : 17.9/21

In: -0.048 ± 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 : 17.9/21

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.090+/-0.014 χ^2/NDF : 2030351.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.524+/-0.015 χ^2/NDF : 1457713.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

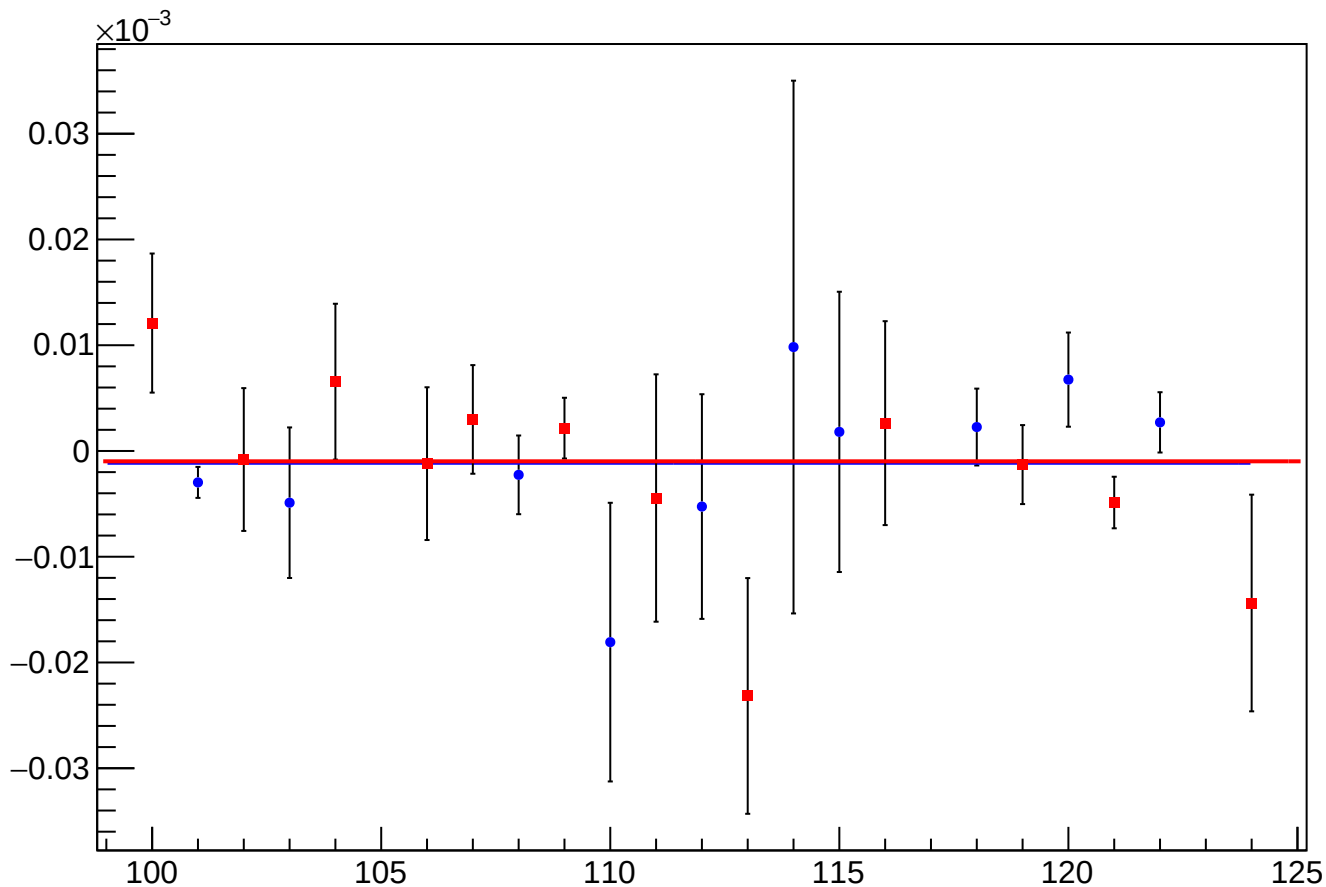
Right: 36.705+/-0.010 χ^2/NDF : 3560793.1/21

In: 34.090+/-0.014 χ^2/NDF : 2030351.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.705+/-0.010 χ^2/NDF : 3560793.1/21

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

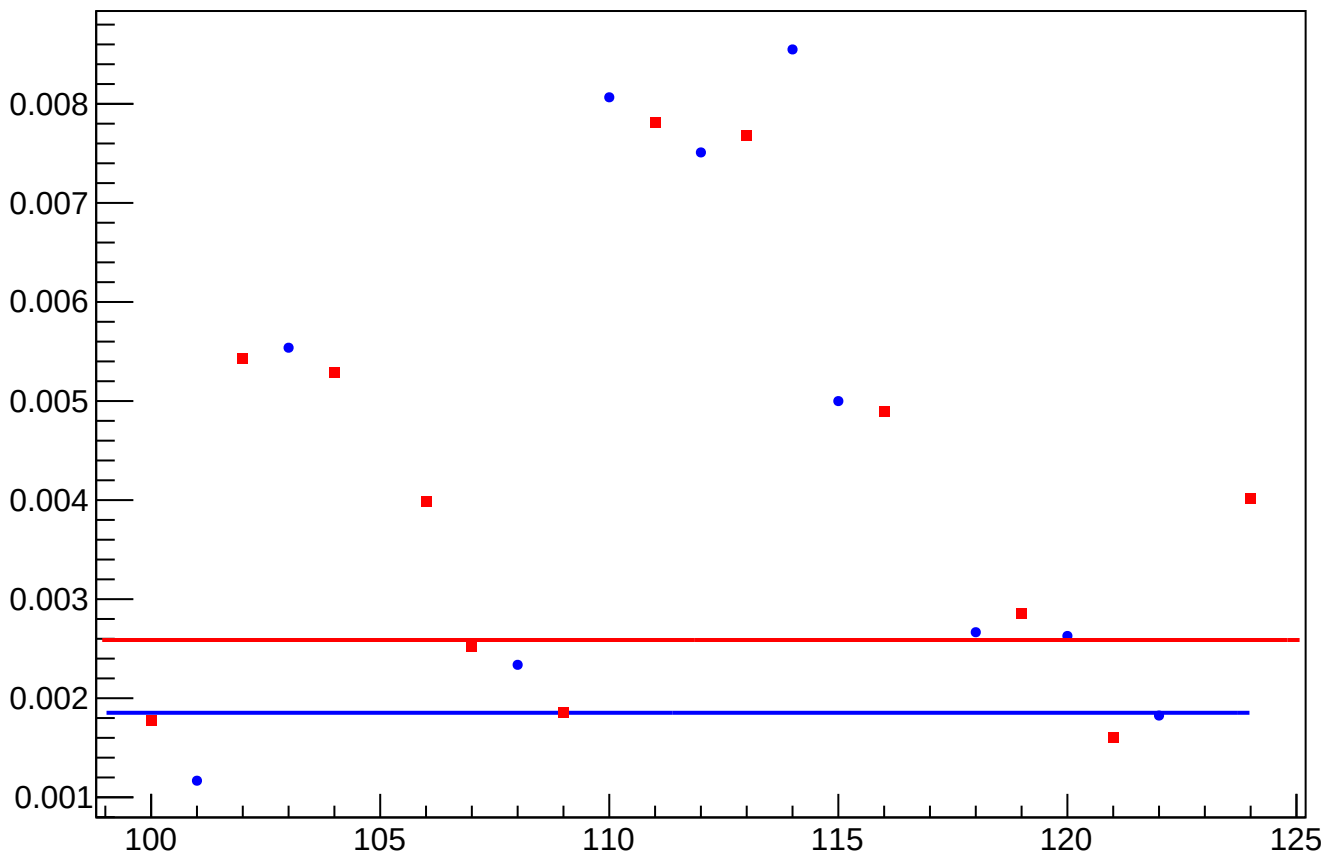
Right: -0.000+/-0.000 χ^2/NDF : 25.1/21

In: -0.000+/-0.000 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.1/21

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2434652.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2166061.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

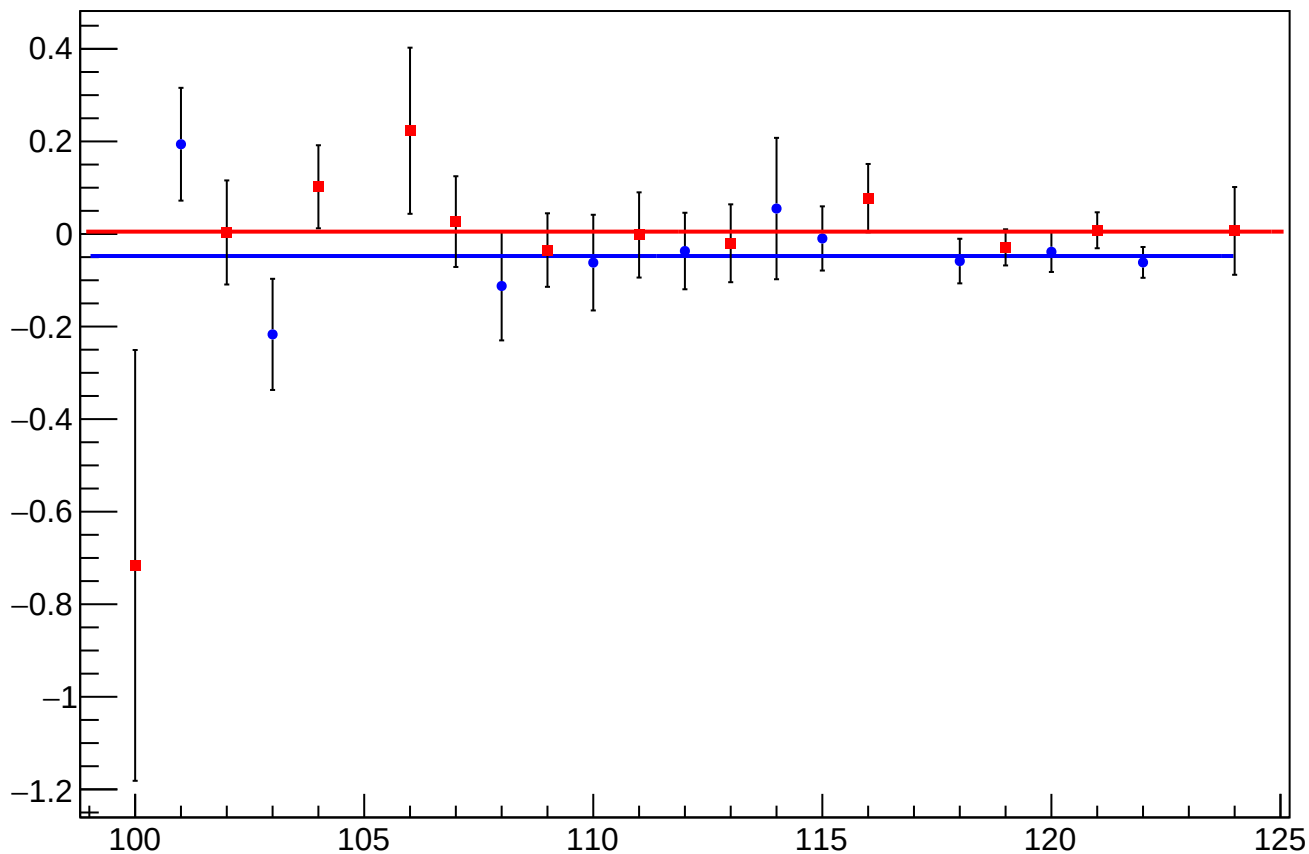
Right: 0.002+/-0.000 χ^2/NDF : 4944605.1/21

In: 0.002+/-0.000 χ^2/NDF :2434652.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4944605.1/21

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 $\pm$ 0.020 χ^2 /NDF: 7.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.021 χ^2 /NDF: 7.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

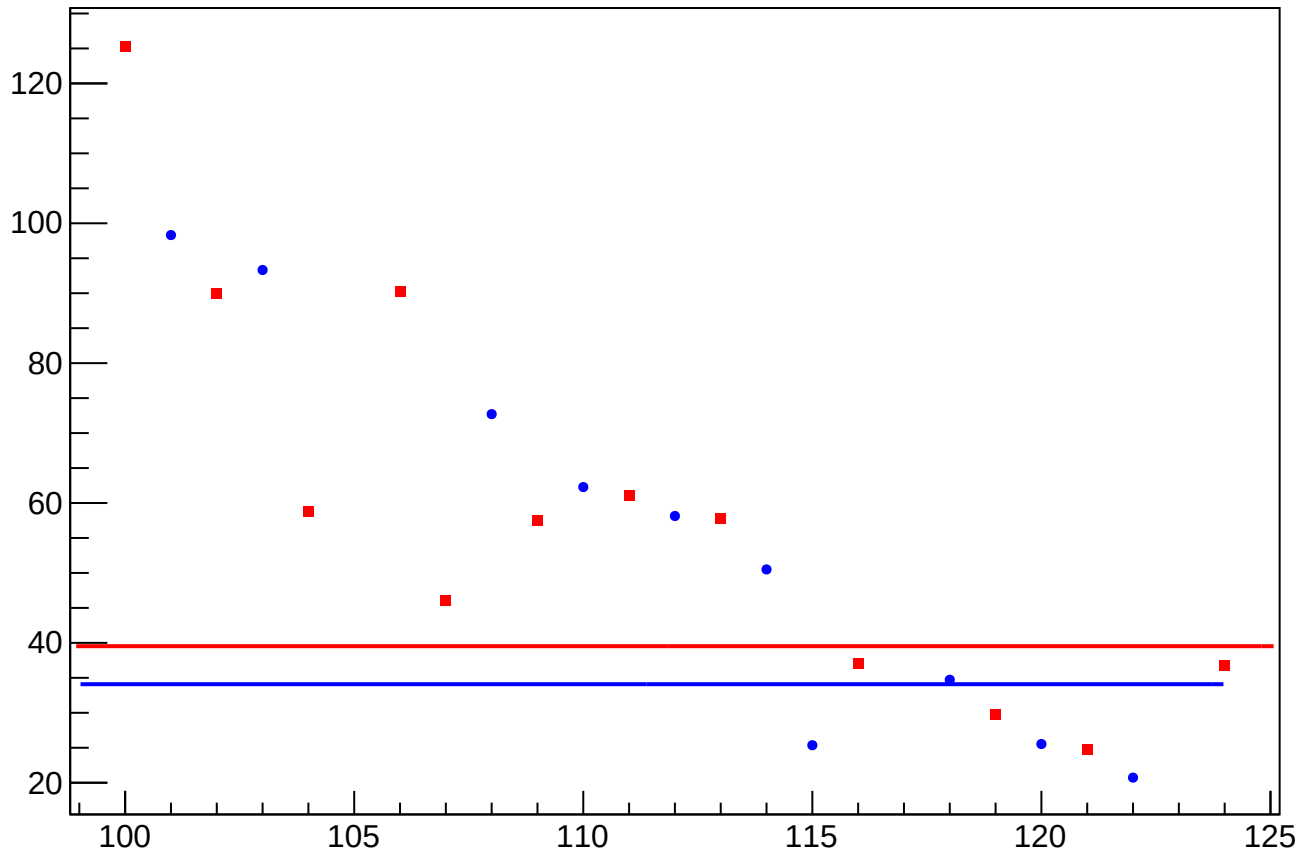
Right: -0.022 $\pm$ 0.014 χ^2 /NDF: 17.9/21

In: -0.048 $\pm$ 0.020 χ^2 /NDF:7.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.014 χ^2 /NDF: 17.9/21

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.090+/-0.014 χ^2/NDF : 2030283.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.524+/-0.015 χ^2/NDF : 1457645.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

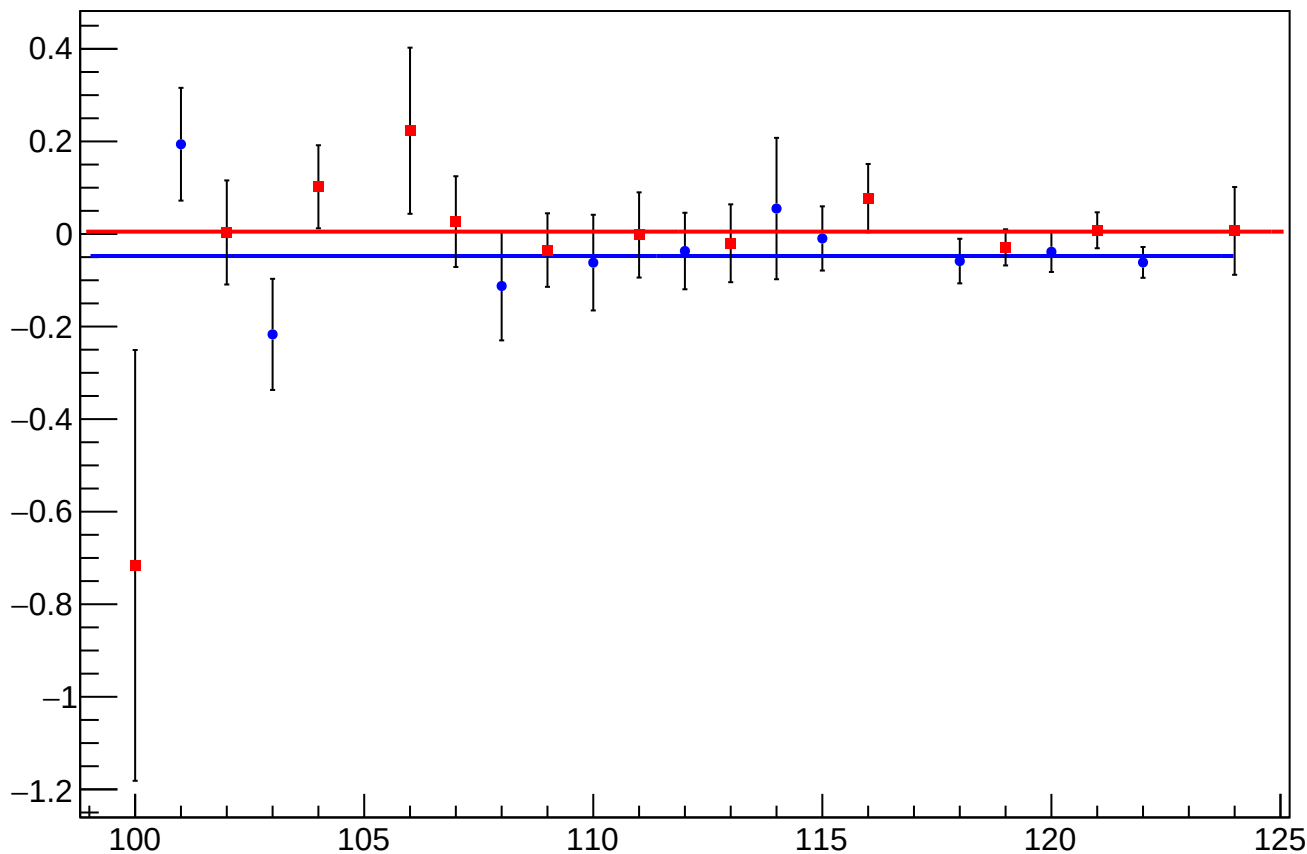
Right: 36.705+/-0.010 χ^2/NDF : 3560646.6/21

In: 34.090+/-0.014 χ^2/NDF : 2030283.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.705+/-0.010 χ^2/NDF : 3560646.6/21

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 $\pm$ 0.020 χ^2 /NDF: 7.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.021 χ^2 /NDF: 7.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

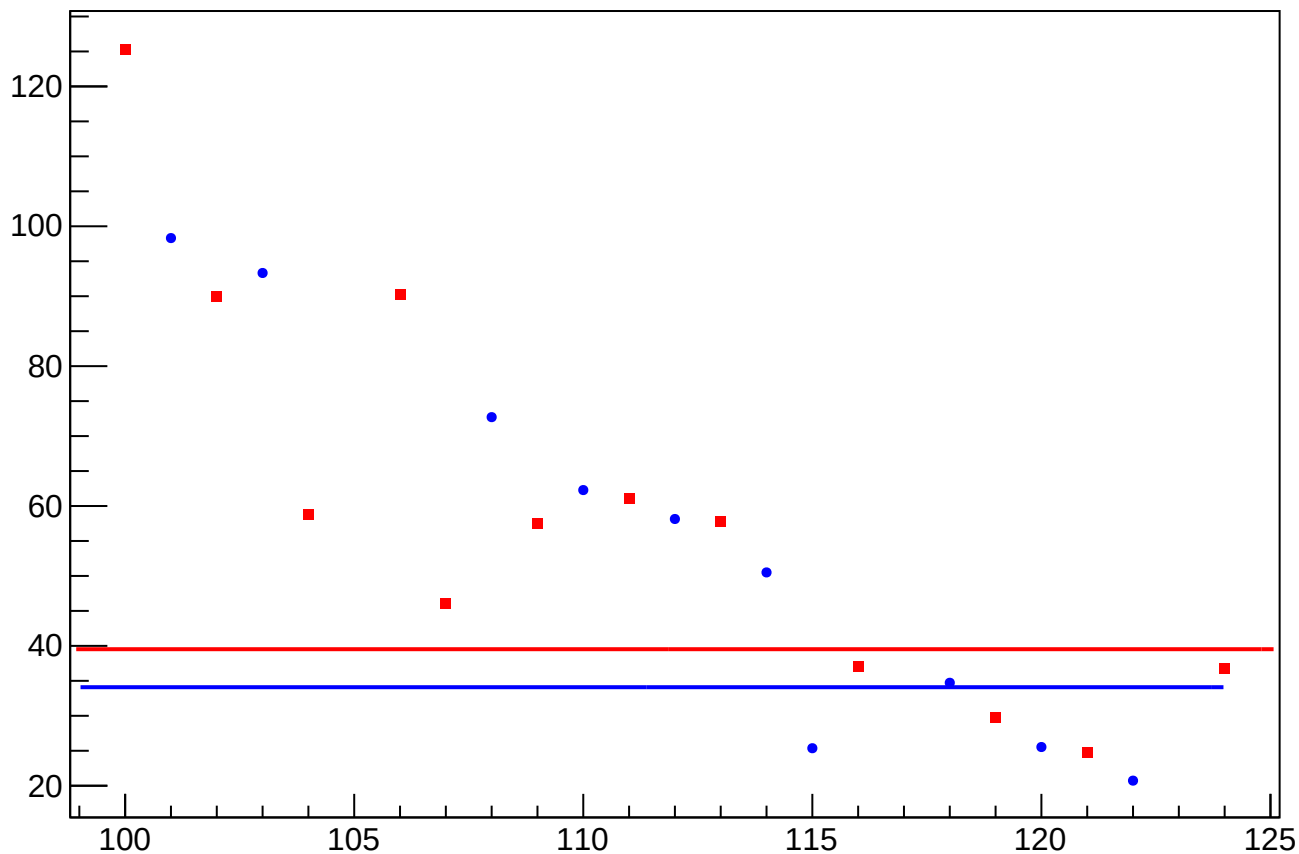
Right: -0.022 $\pm$ 0.014 χ^2 /NDF: 17.9/21

In: -0.048 $\pm$ 0.020 χ^2 /NDF:7.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.014 χ^2 /NDF: 17.9/21

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.090+/-0.014 χ^2/NDF : 2030283.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.524+/-0.015 χ^2/NDF : 1457645.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

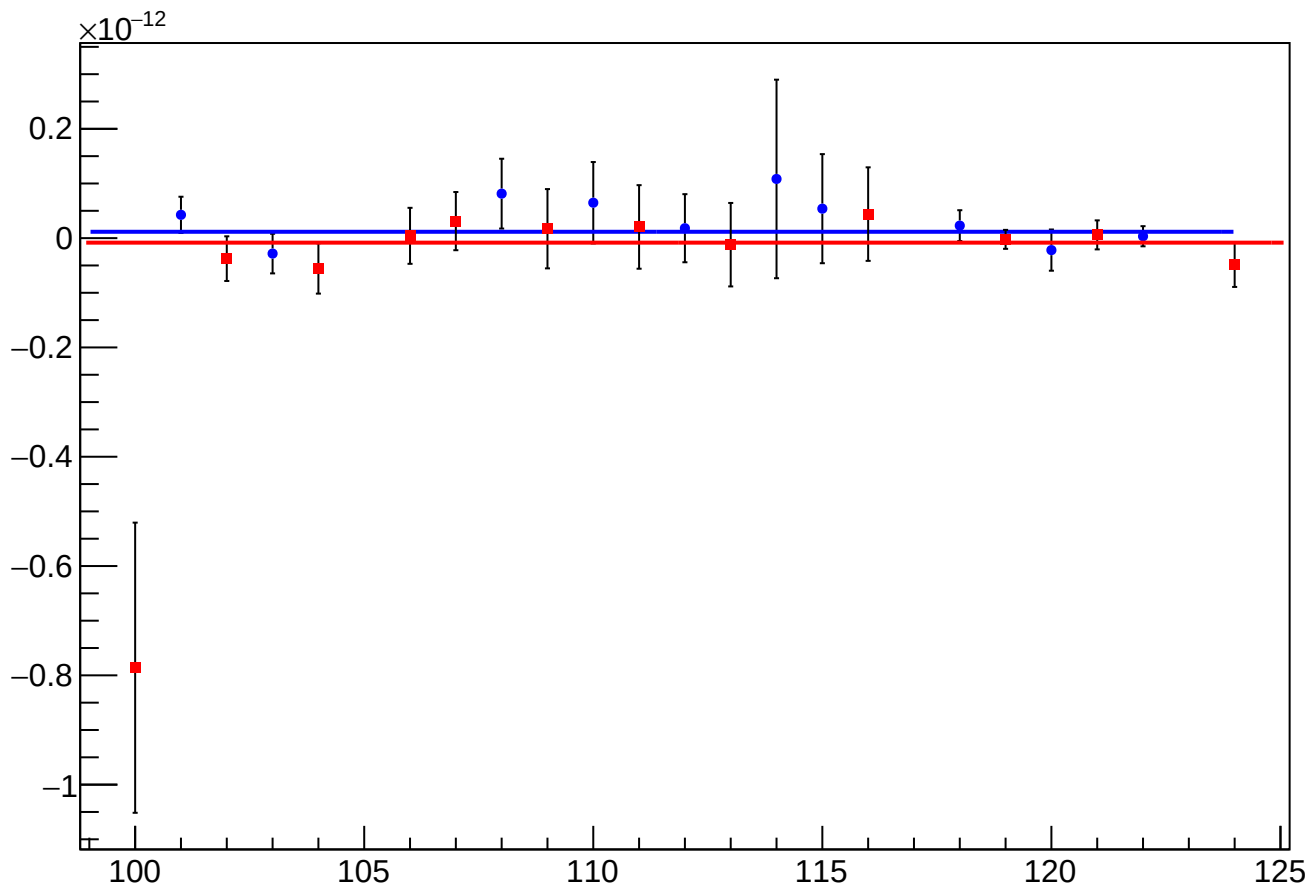
Right: 36.705+/-0.010 χ^2/NDF : 3560646.6/21

In: 34.090+/-0.014 χ^2/NDF : 2030283.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.705+/-0.010 χ^2/NDF : 3560646.6/21

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

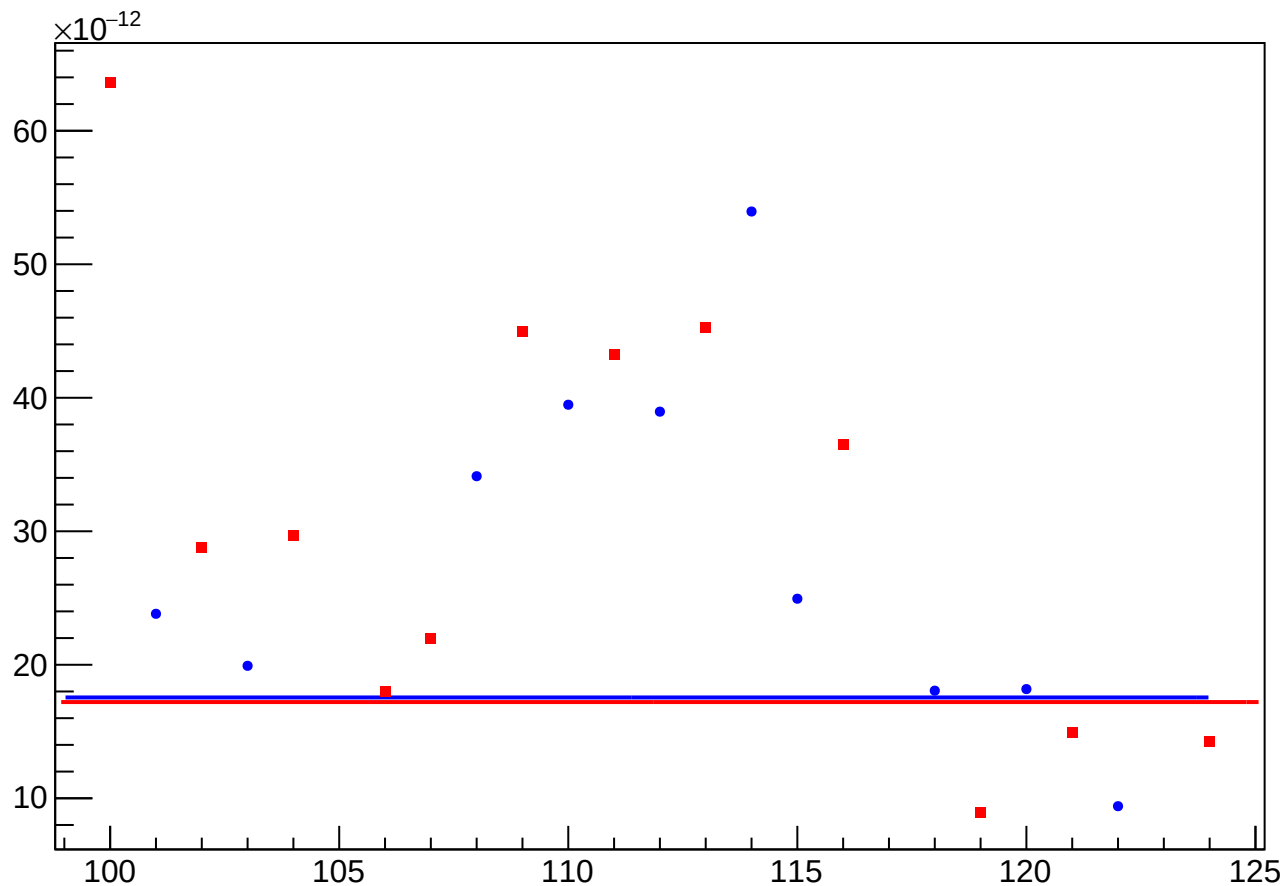
Right: 0.000+/-0.000 χ^2/NDF : 19.7/21

In: 0.000+/-0.000 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.7/21

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1107499.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1762082.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

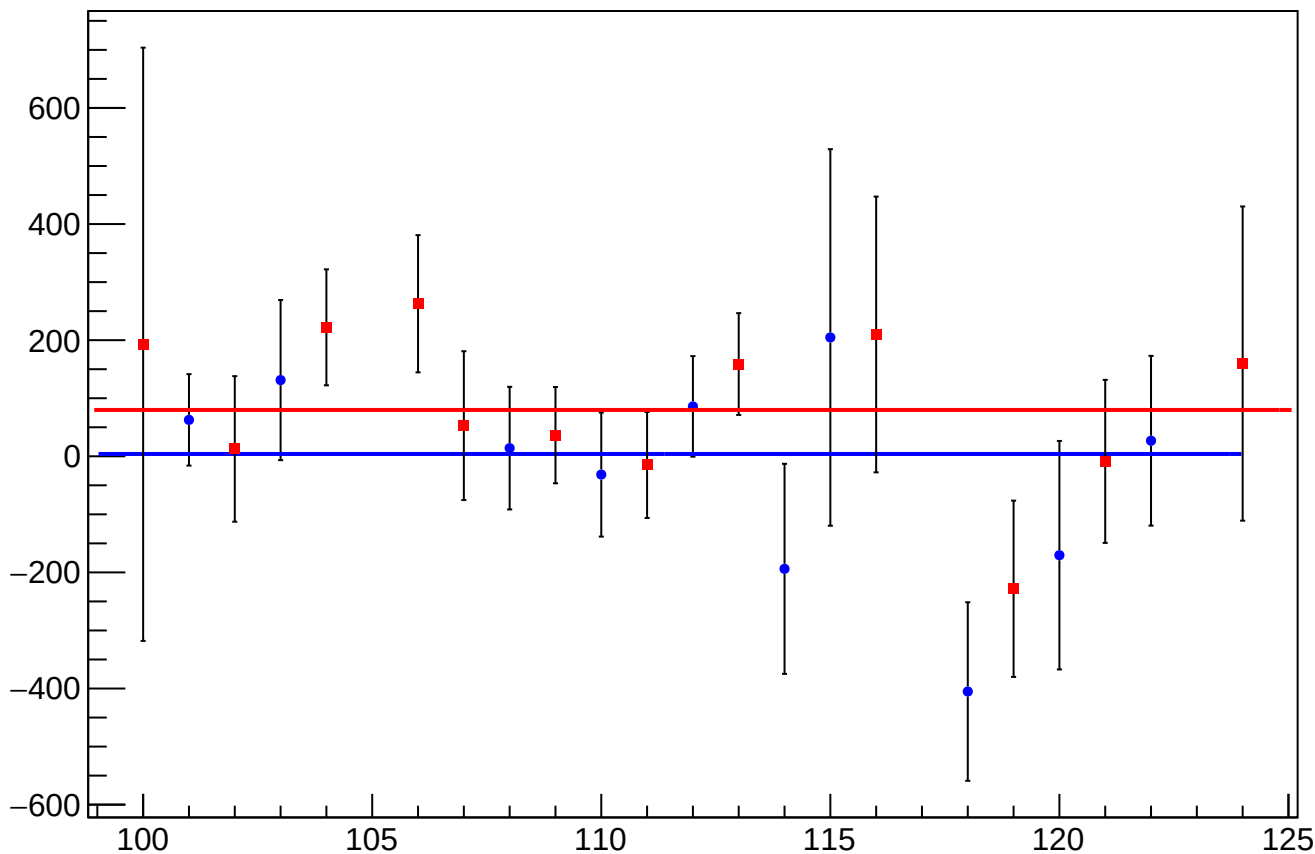
Right: 0.000+/-0.000 χ^2/NDF : 2870488.8/21

In: 0.000+/-0.000 χ^2/NDF : 1107499.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2870488.8/21

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 3.984+/-38.369 χ^2/NDF : 11.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.829+/-34.893 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

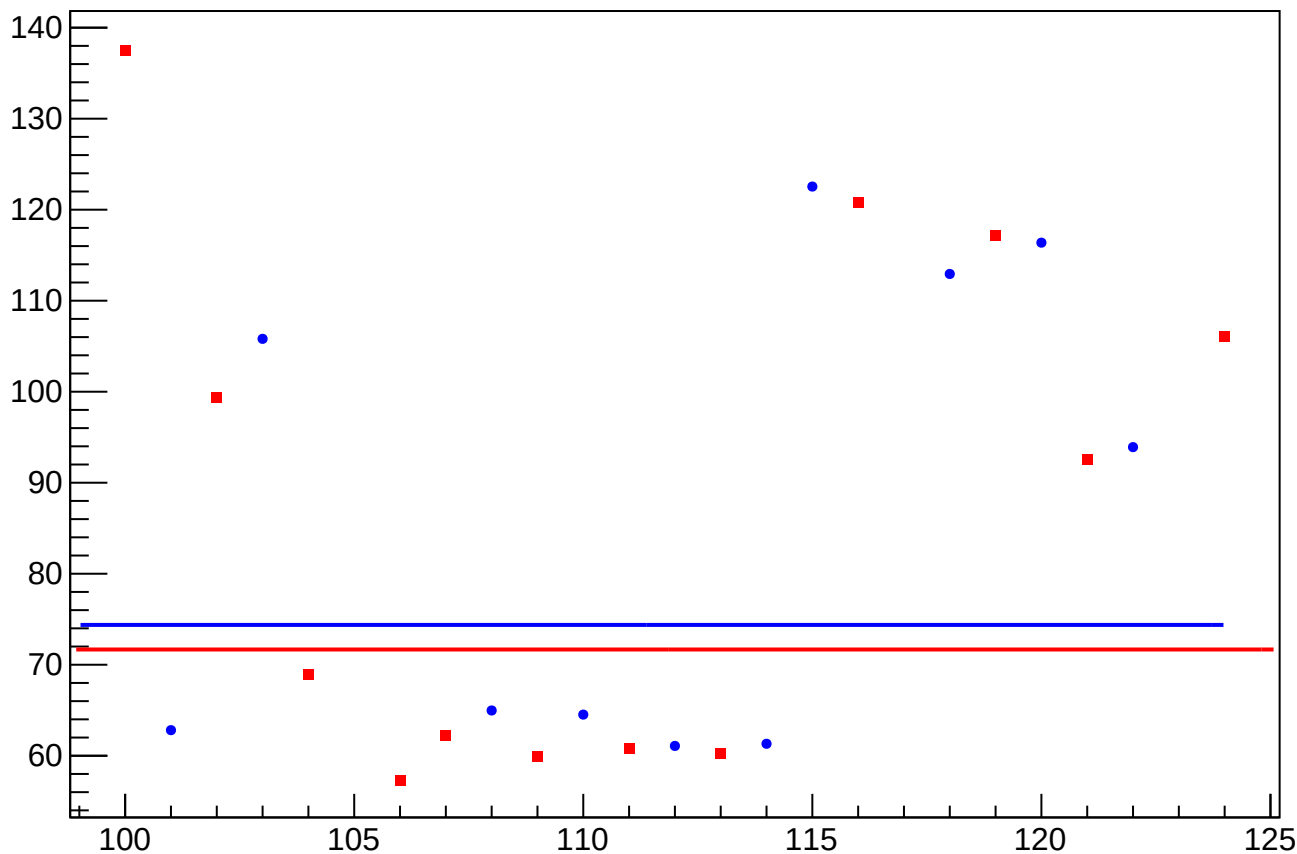
Right: 45.496+/-25.815 χ^2/NDF : 25.9/21

In: 3.984+/-38.369 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.496+/-25.815 χ^2/NDF : 25.9/21

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.376+/-0.027 χ^2/NDF : 534191.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.675+/-0.025 χ^2/NDF : 616128.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

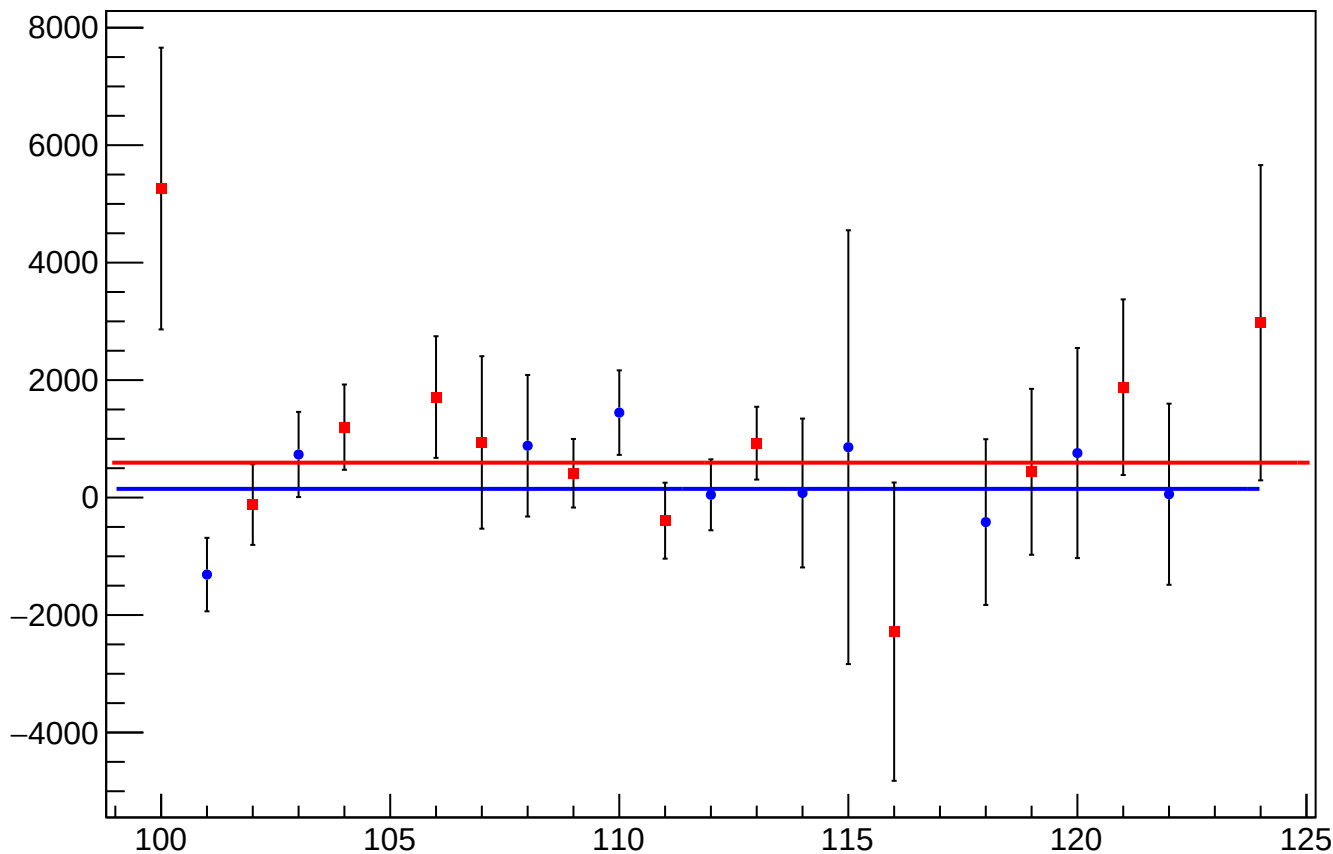
Right: 72.897+/-0.018 χ^2/NDF : 1155743.8/21

In: 74.376+/-0.027 χ^2/NDF : 534191.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.897+/-0.018 χ^2/NDF : 1155743.8/21

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 148.029+/-291.779 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 594.562+/-260.337 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

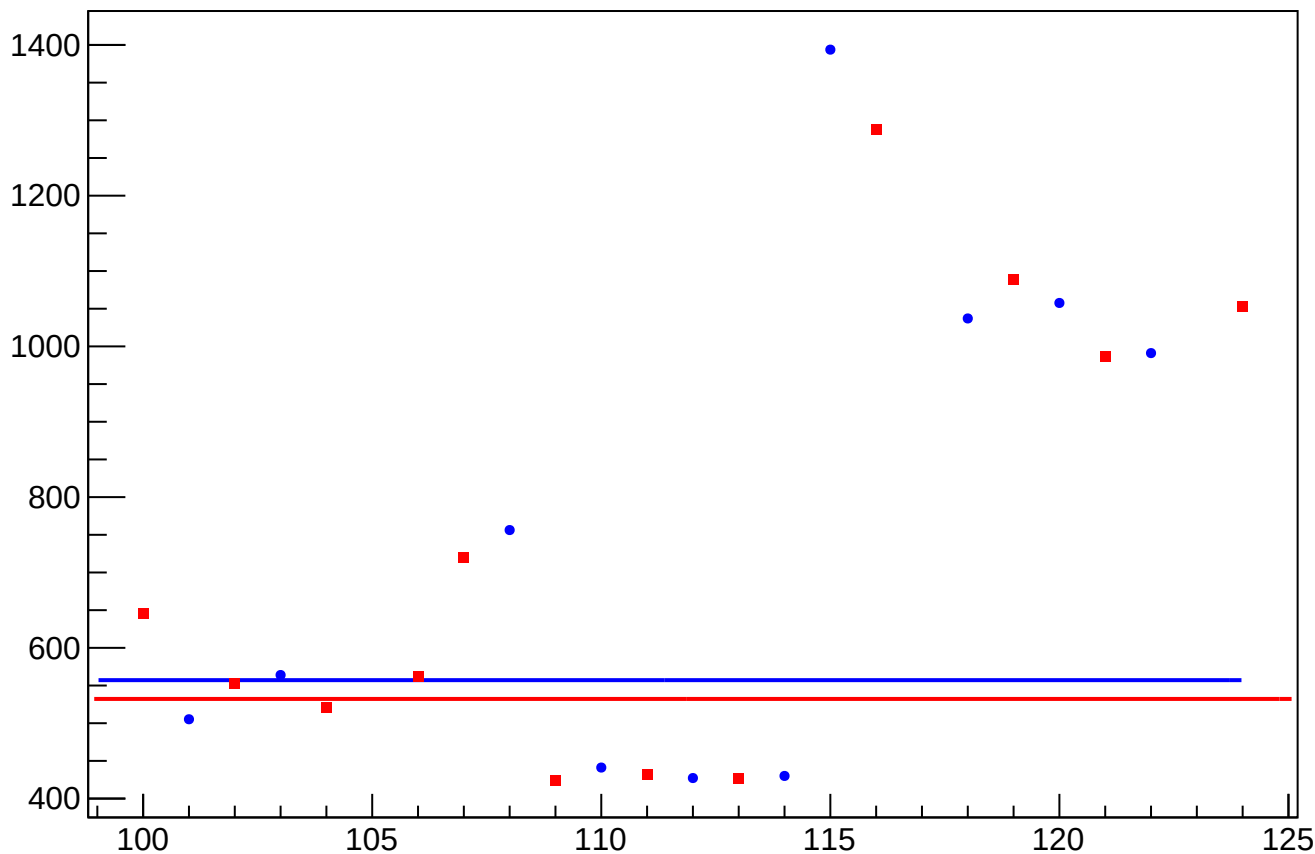
Right: 396.643+/-194.255 χ^2/NDF : 23.7/21

In: 148.029+/-291.779 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.643+/-194.255 χ^2/NDF : 23.7/21

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 557.136+/-0.206 χ^2/NDF : 882215.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.211+/-0.184 χ^2/NDF : 963336.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

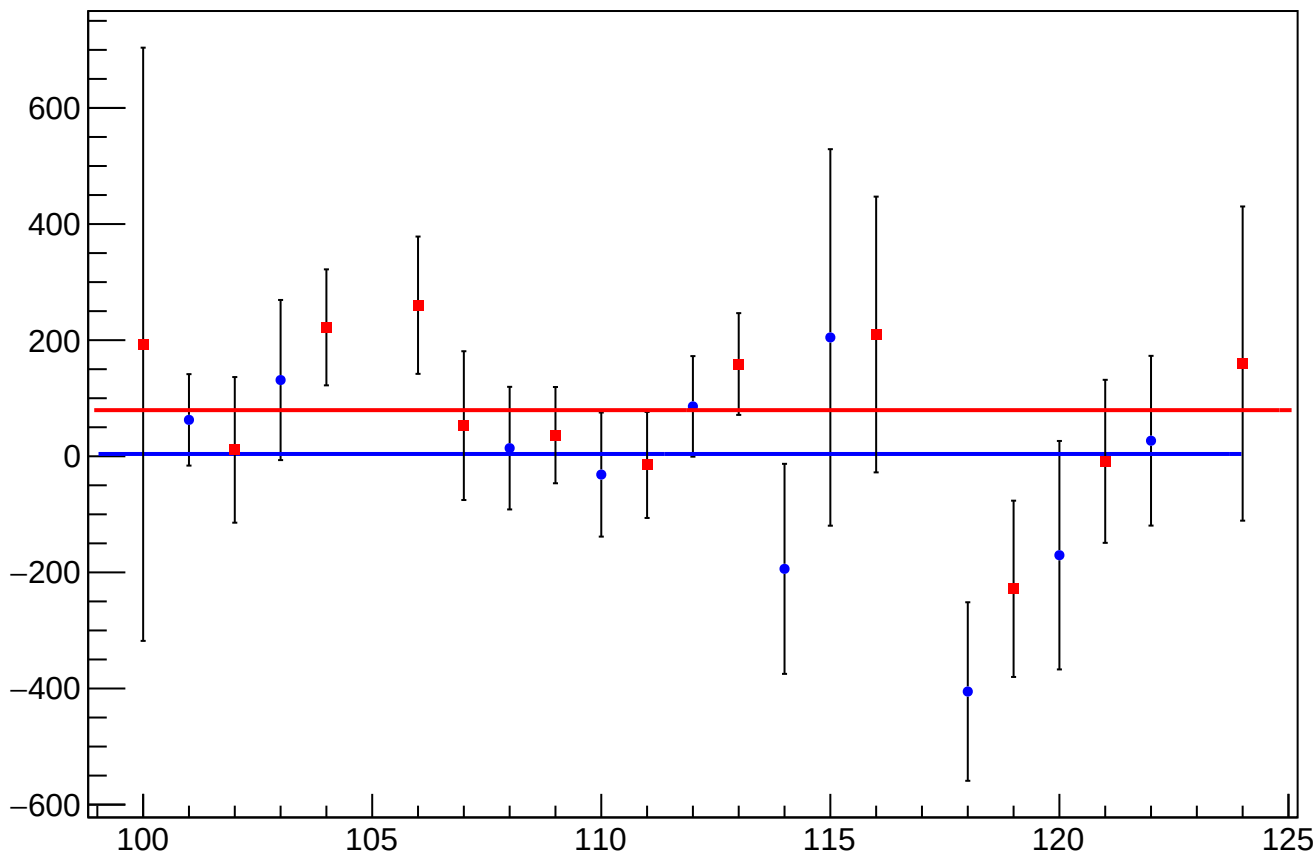
Right: 543.259+/-0.137 χ^2/NDF : 1853677.5/21

In: 557.136+/-0.206 χ^2/NDF : 882215.2/9

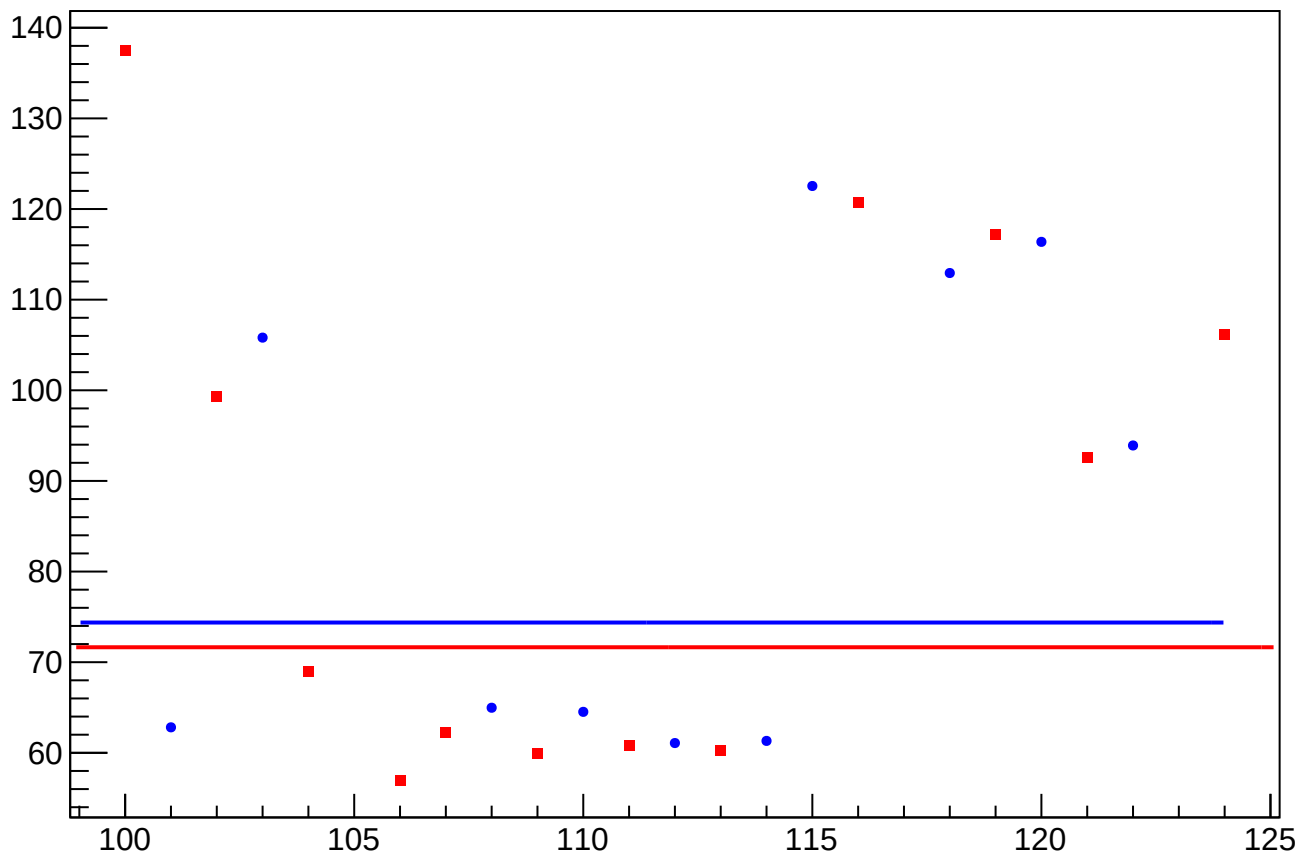
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.259+/-0.137 χ^2/NDF : 1853677.5/21

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.376+/-0.027 χ^2/NDF : 534193.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.648+/-0.025 χ^2/NDF : 617703.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

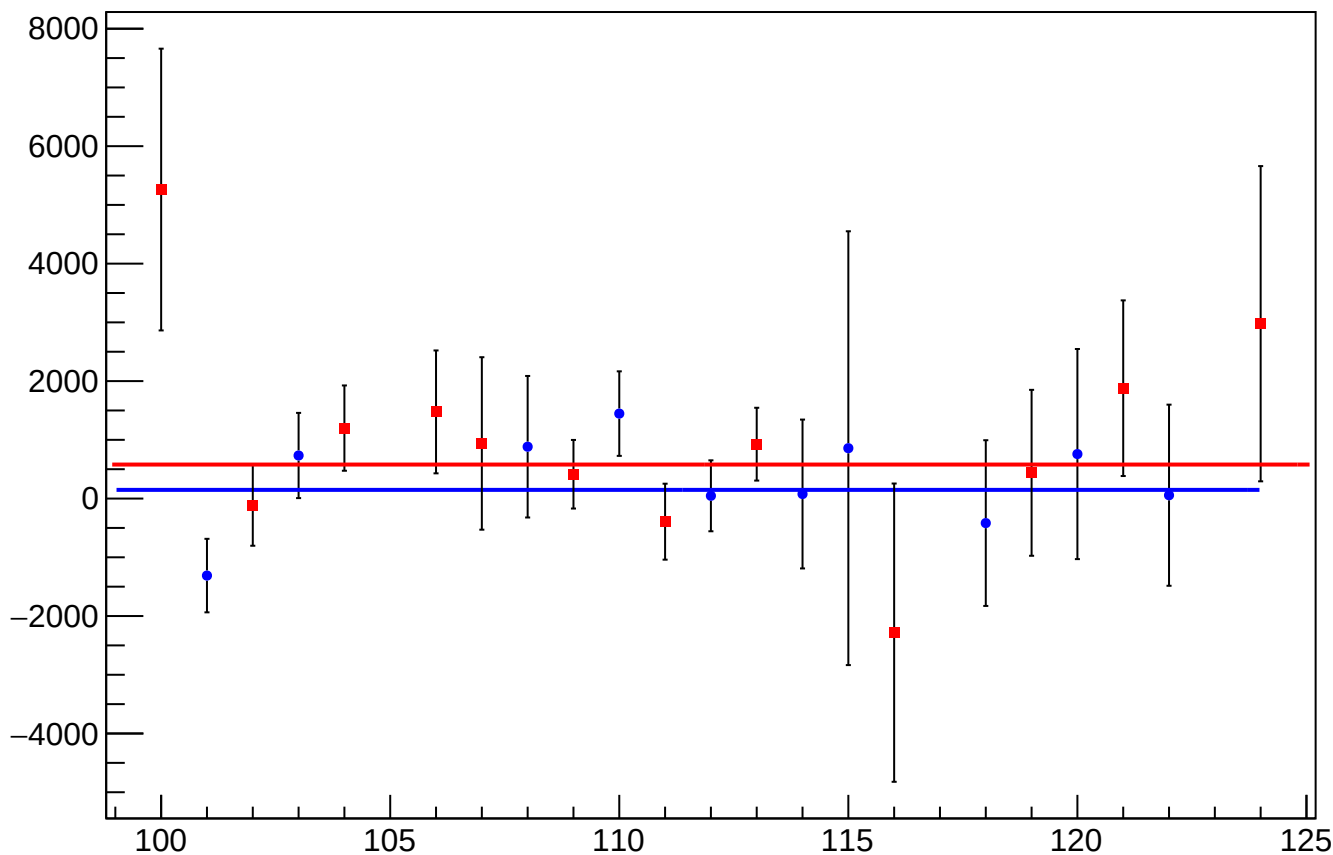
Right: 72.883+/-0.018 χ^2/NDF : 1157427.6/21

In: 74.376+/-0.027 χ^2/NDF : 534193.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.883+/-0.018 χ^2/NDF : 1157427.6/21

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 147.997+/-291.784 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 579.181+/-260.529 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

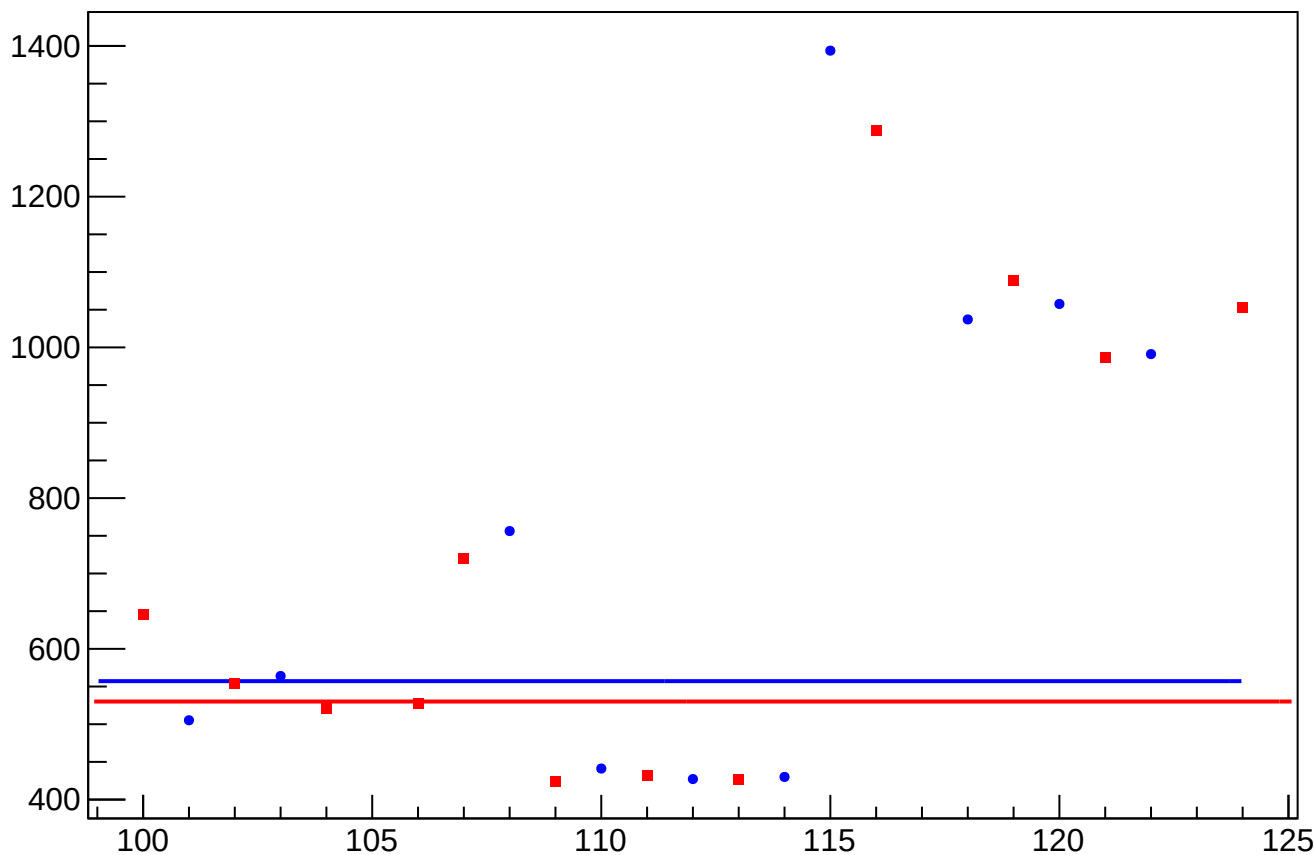
Right: 387.911+/-194.336 χ^2/NDF : 23.1/21

In: 147.997+/-291.784 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.911+/-194.336 χ^2/NDF : 23.1/21

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 557.145+/-0.206 χ^2/NDF : 882215.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.107+/-0.184 χ^2/NDF : 961707.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

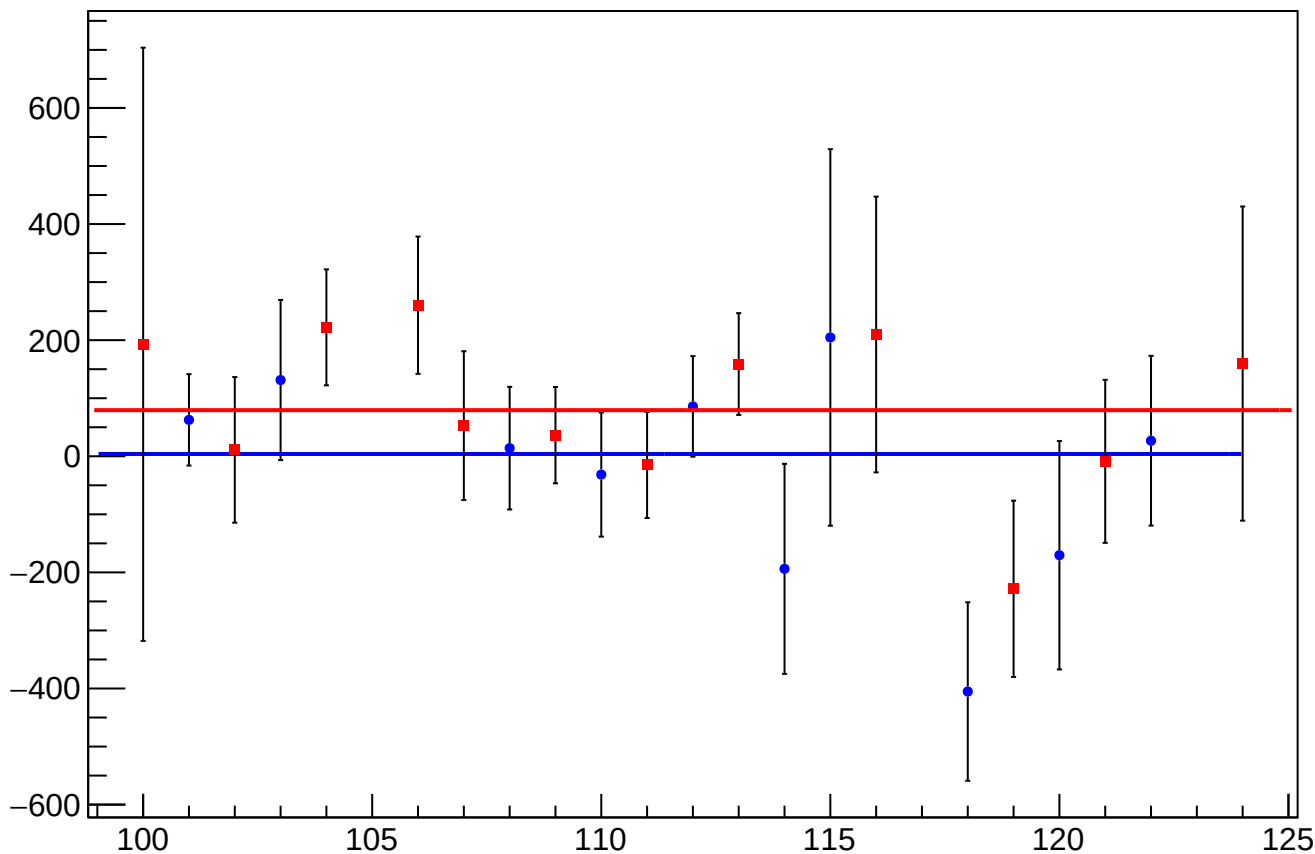
Right: 542.101+/-0.137 χ^2/NDF : 1853478.9/21

In: 557.145+/-0.206 χ^2/NDF : 882215.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.101+/-0.137 χ^2/NDF : 1853478.9/21

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 3.979+/-38.369 χ^2/NDF : 11.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.468+/-34.896 χ^2/NDF : 11.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

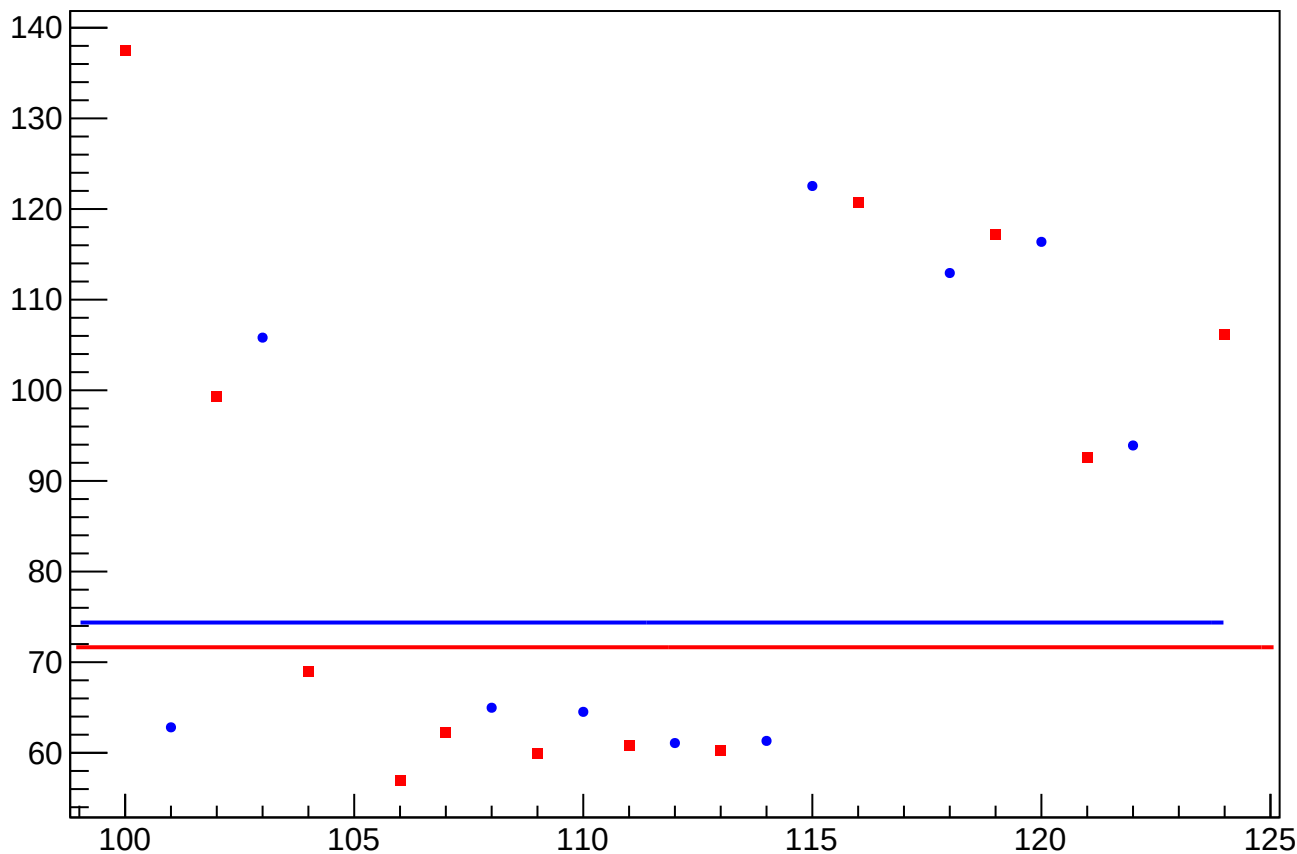
Right: 45.293+/-25.816 χ^2/NDF : 25.8/21

In: 3.979+/-38.369 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.293+/-25.816 χ^2/NDF : 25.8/21

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.376 $\pm$ 0.027 χ^2 /NDF: 534193.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.648 $\pm$ 0.025 χ^2 /NDF: 617703.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

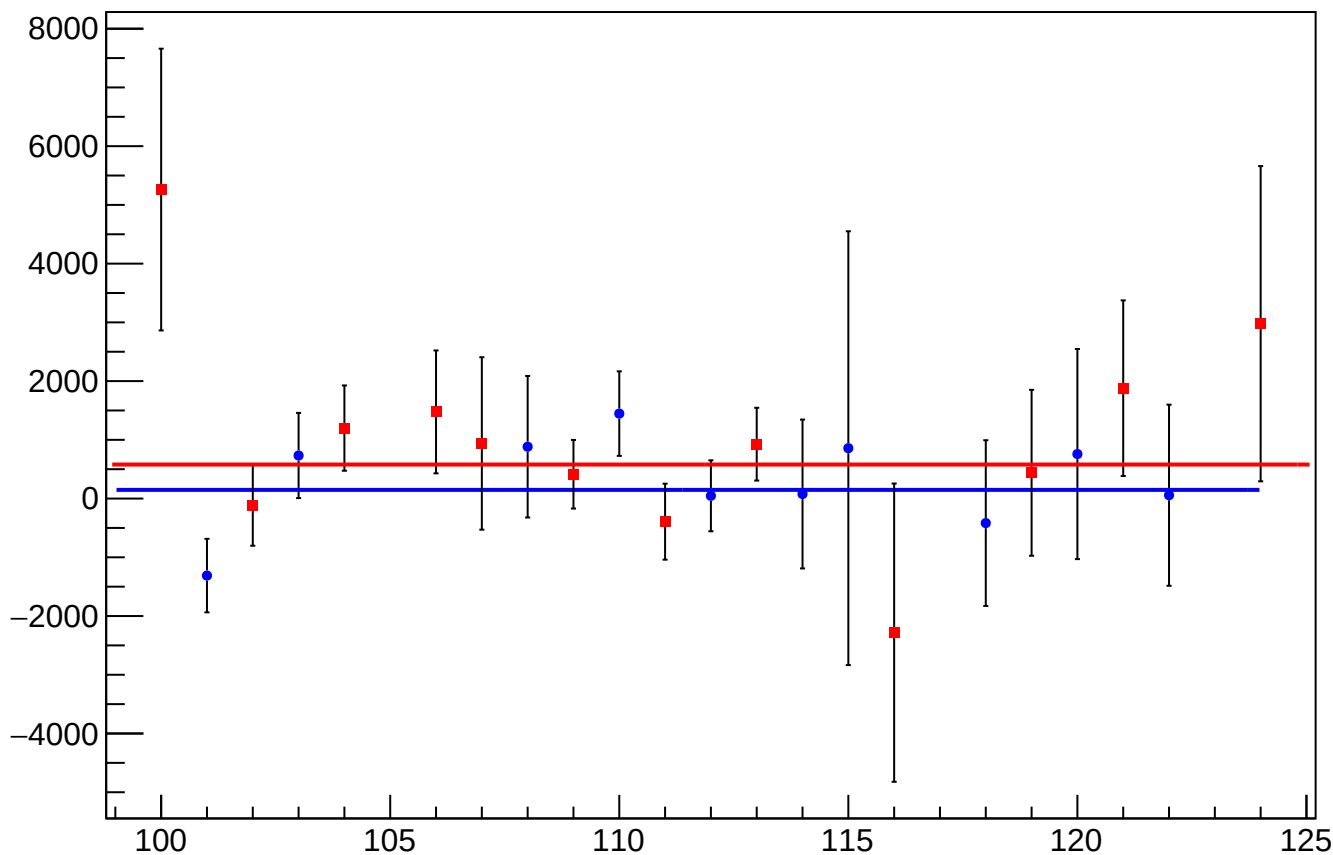
Right: 72.883 $\pm$ 0.018 χ^2 /NDF: 1157427.6/21

In: 74.376 $\pm$ 0.027 χ^2 /NDF:534193.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.883 $\pm$ 0.018 χ^2 /NDF: 1157427.6/21

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 147.997 $\pm$ 291.784 χ^2 /NDF: 10.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 579.181 $\pm$ 260.529 χ^2 /NDF: 11.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

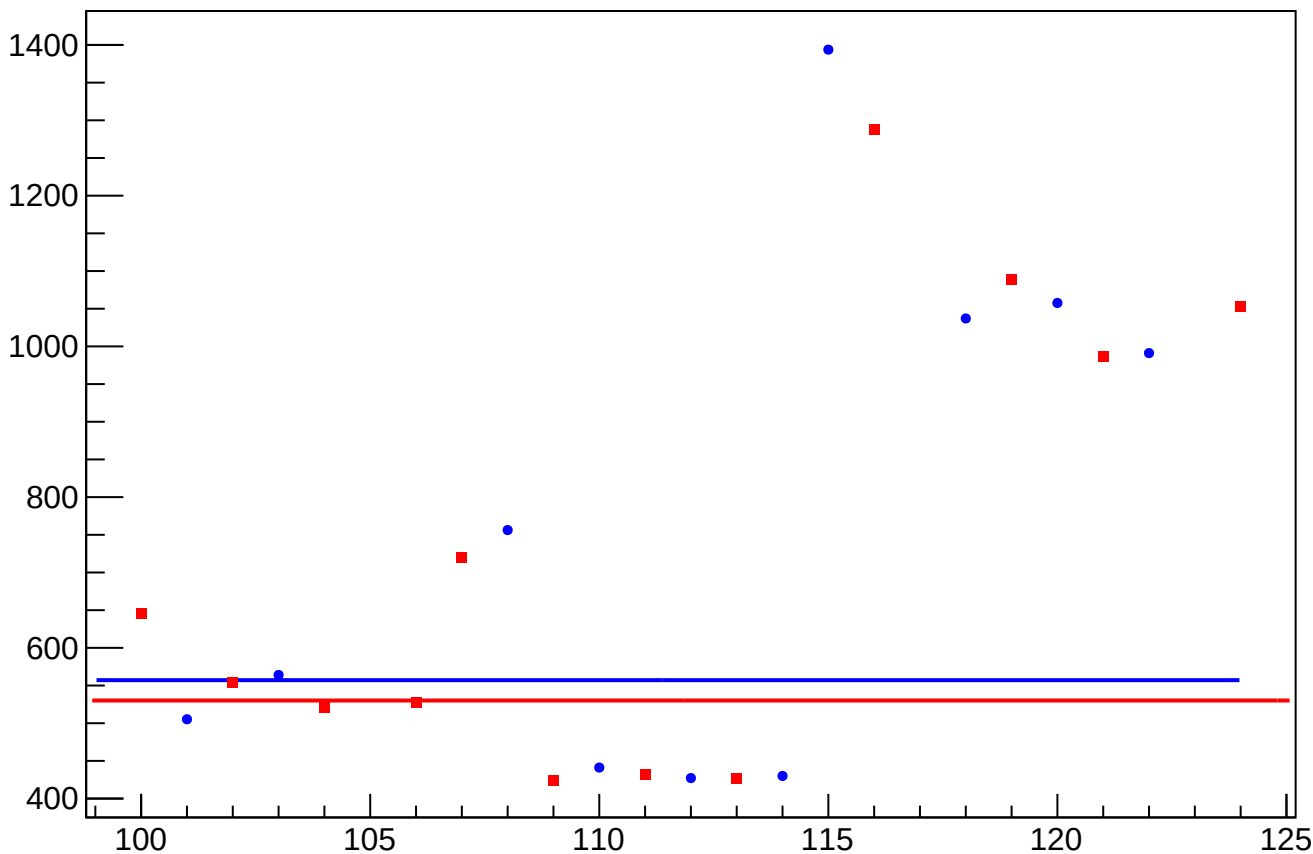
Right: 387.911 $\pm$ 194.336 χ^2 /NDF: 23.1/21

In: 147.997 $\pm$ 291.784 χ^2 /NDF:10.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 387.911 $\pm$ 194.336 χ^2 /NDF: 23.1/21

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 557.145+/-0.206 χ^2/NDF : 882215.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.107+/-0.184 χ^2/NDF : 961707.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

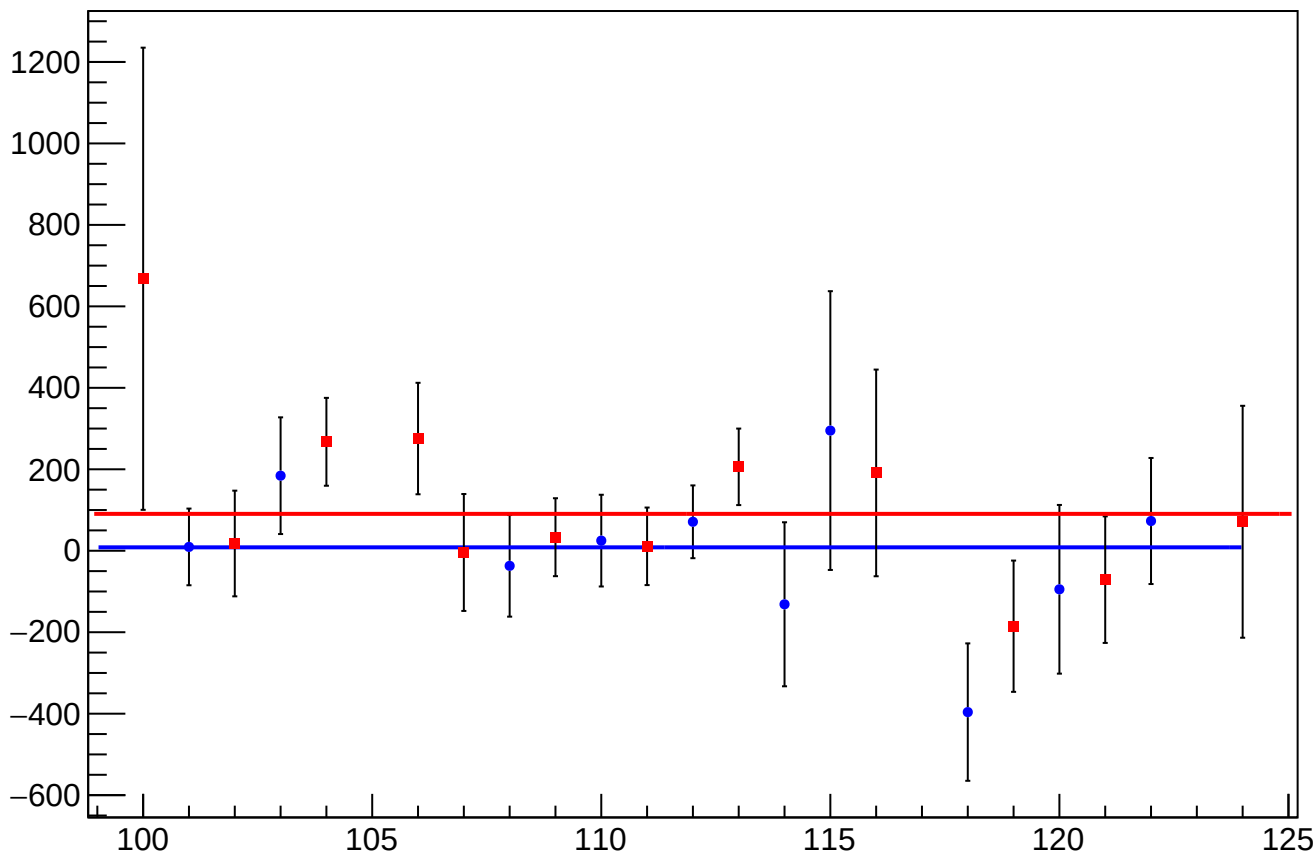
Right: 542.101+/-0.137 χ^2/NDF : 1853478.9/21

In: 557.145+/-0.206 χ^2/NDF : 882215.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.101+/-0.137 χ^2/NDF : 1853478.9/21

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 8.400+/-42.128 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.566+/-38.034 χ^2/NDF : 13.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

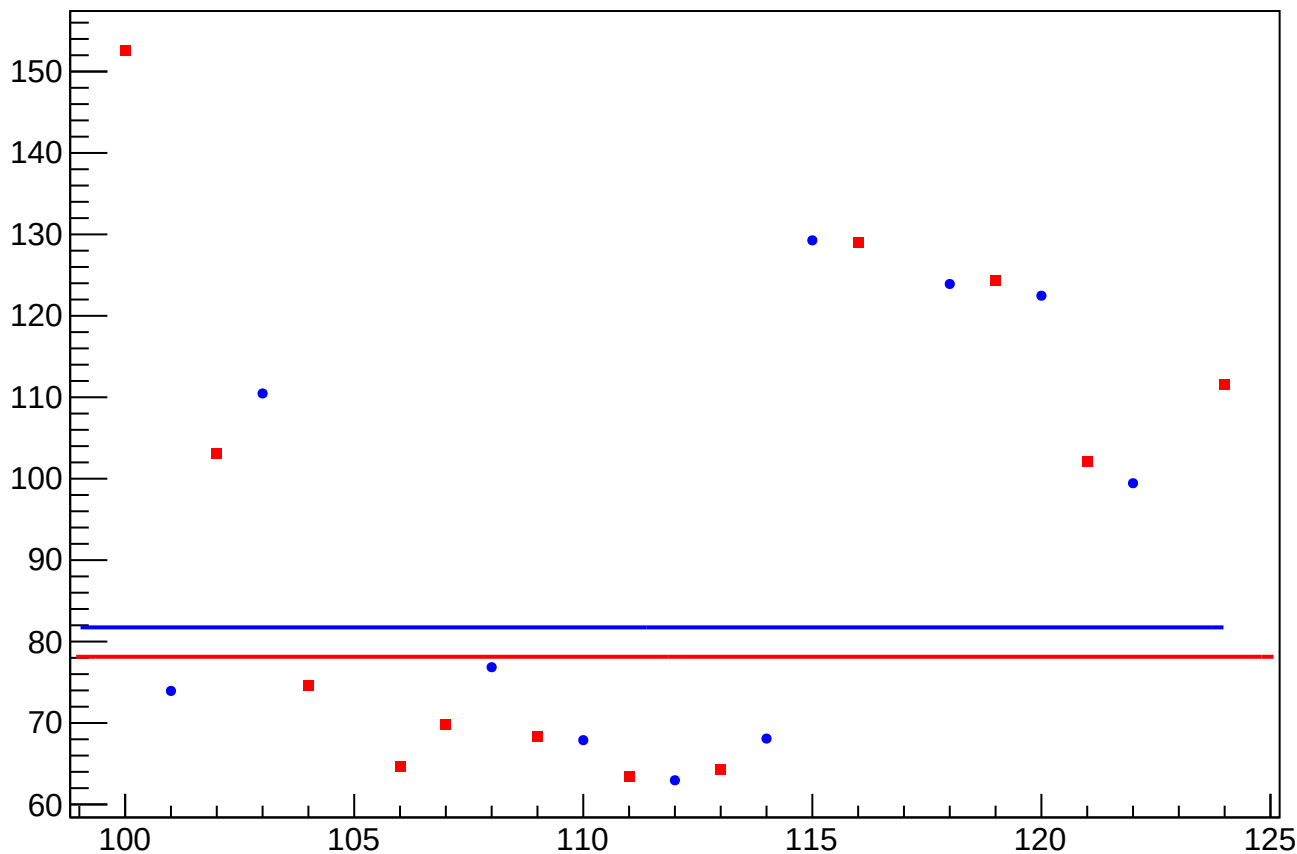
Right: 53.668+/-28.231 χ^2/NDF : 24.7/21

In: 8.400+/-42.128 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.668+/-28.231 χ^2/NDF : 24.7/21

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.742 $\pm$ 0.030 χ^2 /NDF: 492153.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 78.132 $\pm$ 0.027 χ^2 /NDF: 568353.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

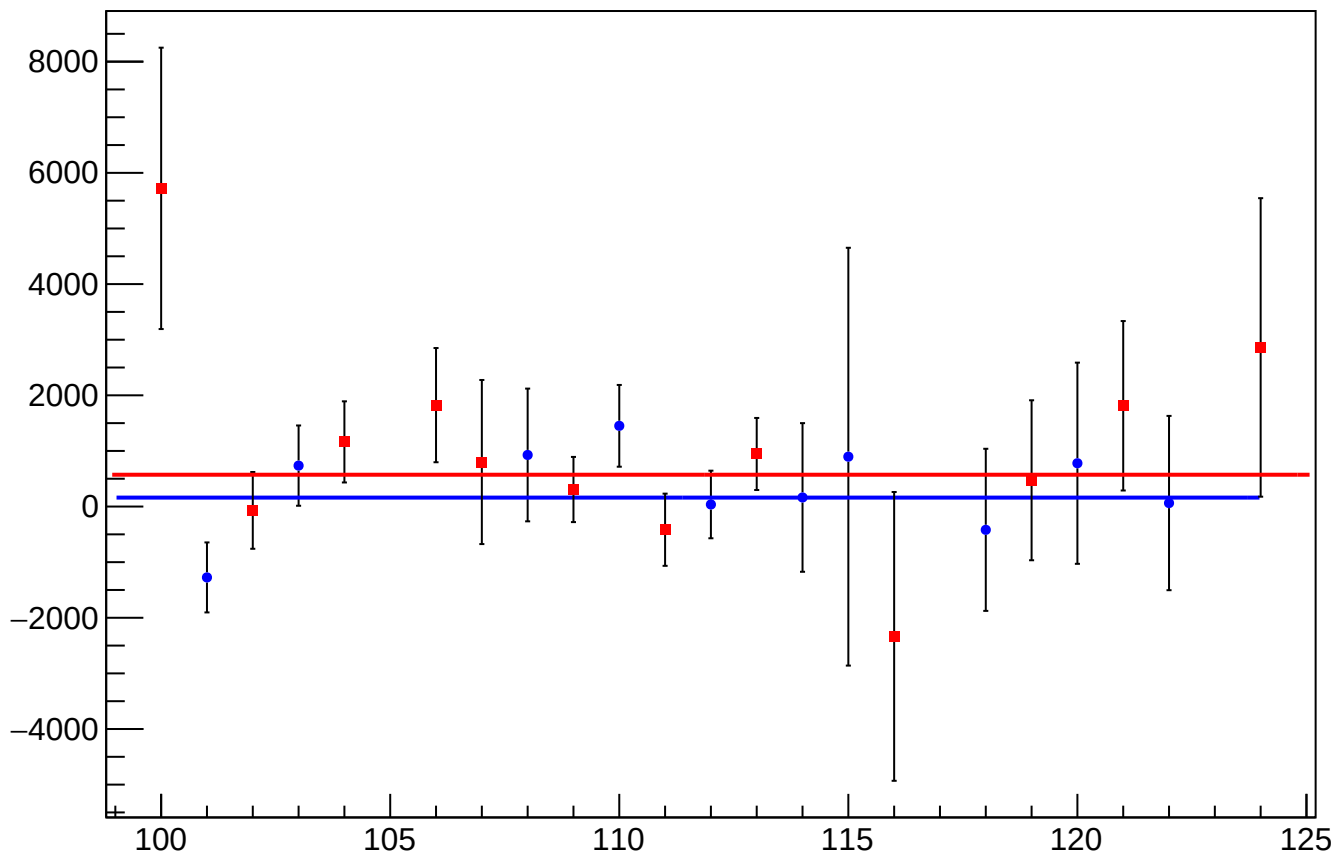
Right: 79.753 $\pm$ 0.020 χ^2 /NDF: 1068598.4/21

In: 81.742 $\pm$ 0.030 χ^2 /NDF:492153.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.753 $\pm$ 0.020 χ^2 /NDF: 1068598.4/21

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 160.939 $\pm$ 294.633 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 572.122 $\pm$ -263.420 χ^2 /NDF: 12.7/11

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

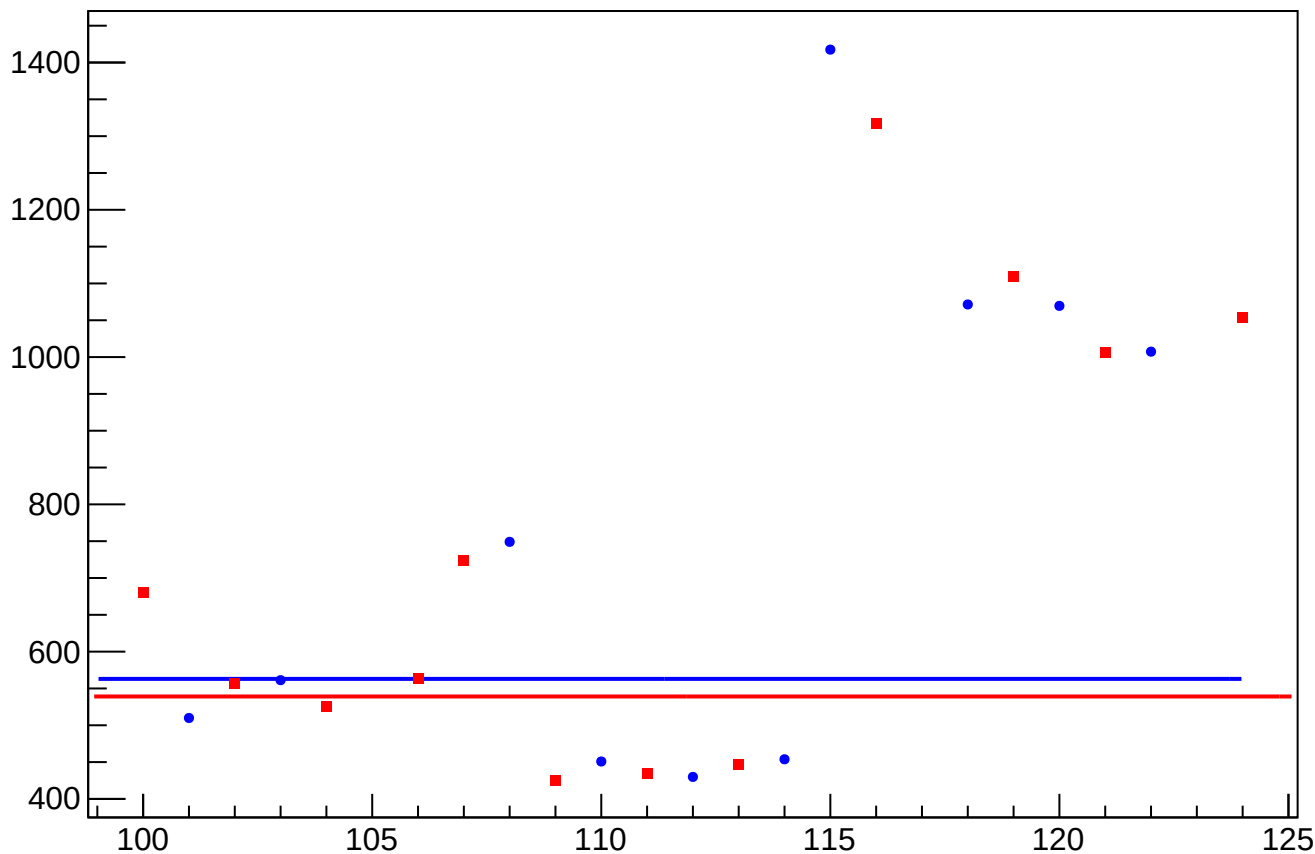
Right: 389.457 $\pm$ -196.377 χ^2 /NDF: 23.5/21

In: 160.939 $\pm$ -294.633 χ^2 /NDF:9.7/9

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 389.457 $\pm$ -196.377 χ^2 /NDF: 23.5/21

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 562.993+/-0.208 χ^2/NDF : 883380.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.101+/-0.186 χ^2/NDF : 964268.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

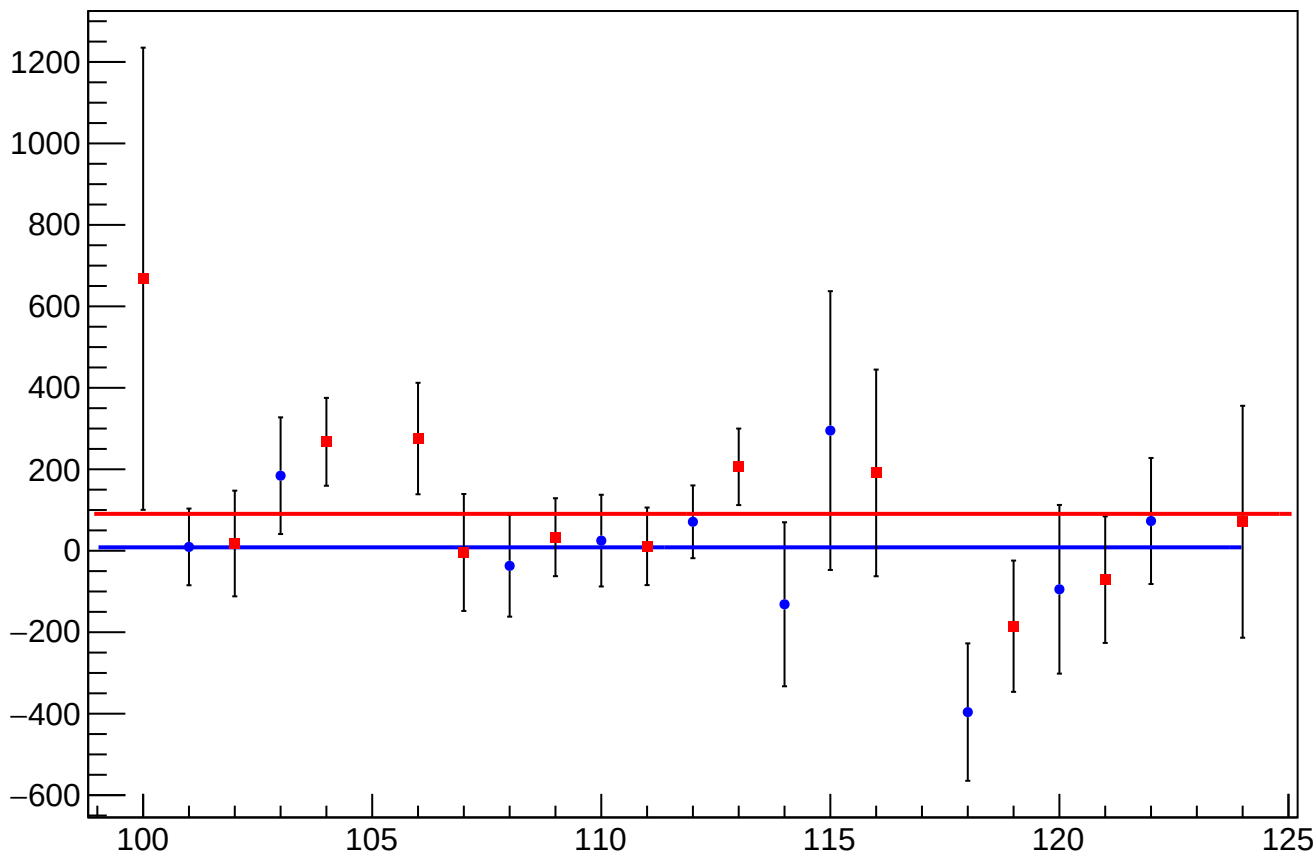
Right: 549.715+/-0.139 χ^2/NDF : 1854957.2/21

In: 562.993+/-0.208 χ^2/NDF : 883380.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.715+/-0.139 χ^2/NDF : 1854957.2/21

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 8.400+/-42.128 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.566+/-38.034 χ^2/NDF : 13.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

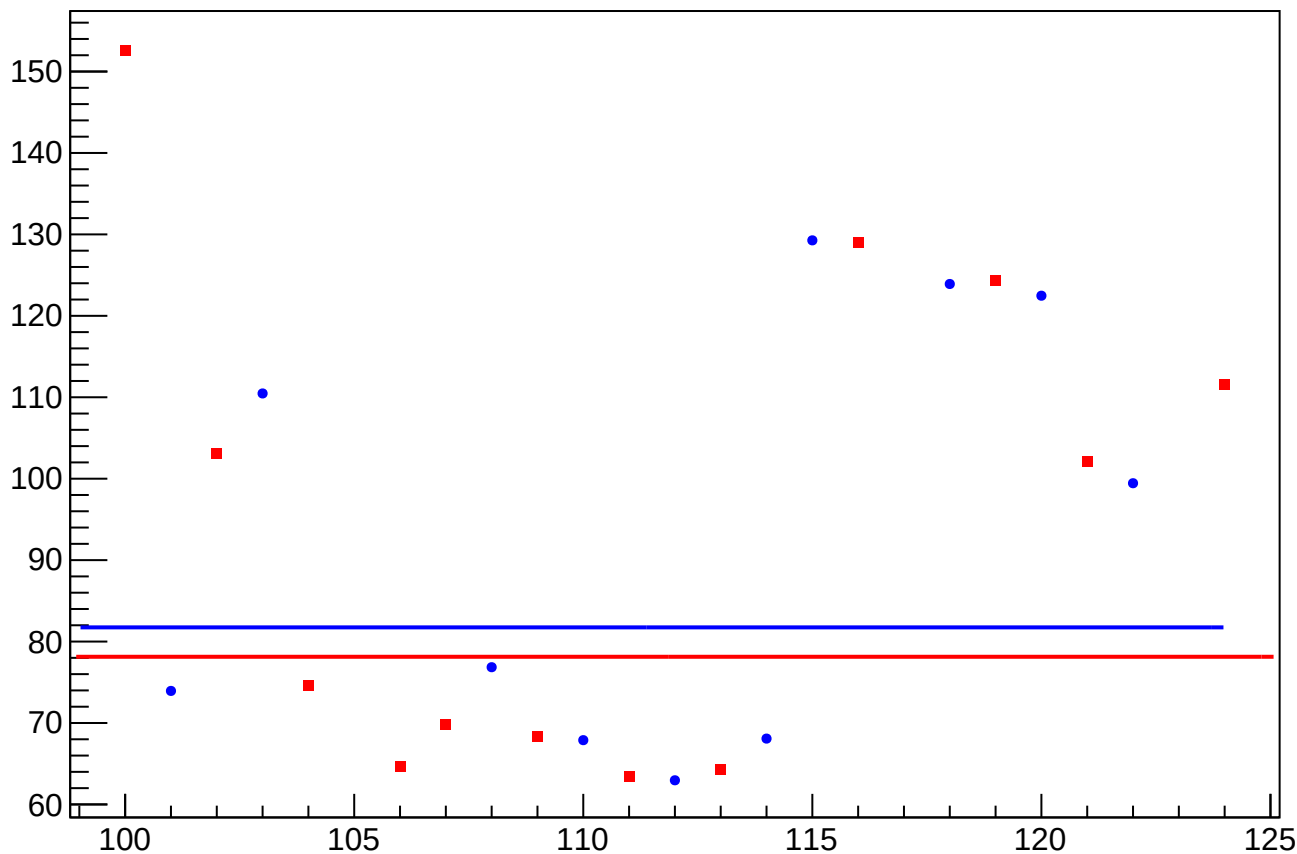
Right: 53.668+/-28.231 χ^2/NDF : 24.7/21

In: 8.400+/-42.128 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.668+/-28.231 χ^2/NDF : 24.7/21

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.742+/-0.030 χ^2/NDF : 492155.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.132+/-0.027 χ^2/NDF : 568354.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

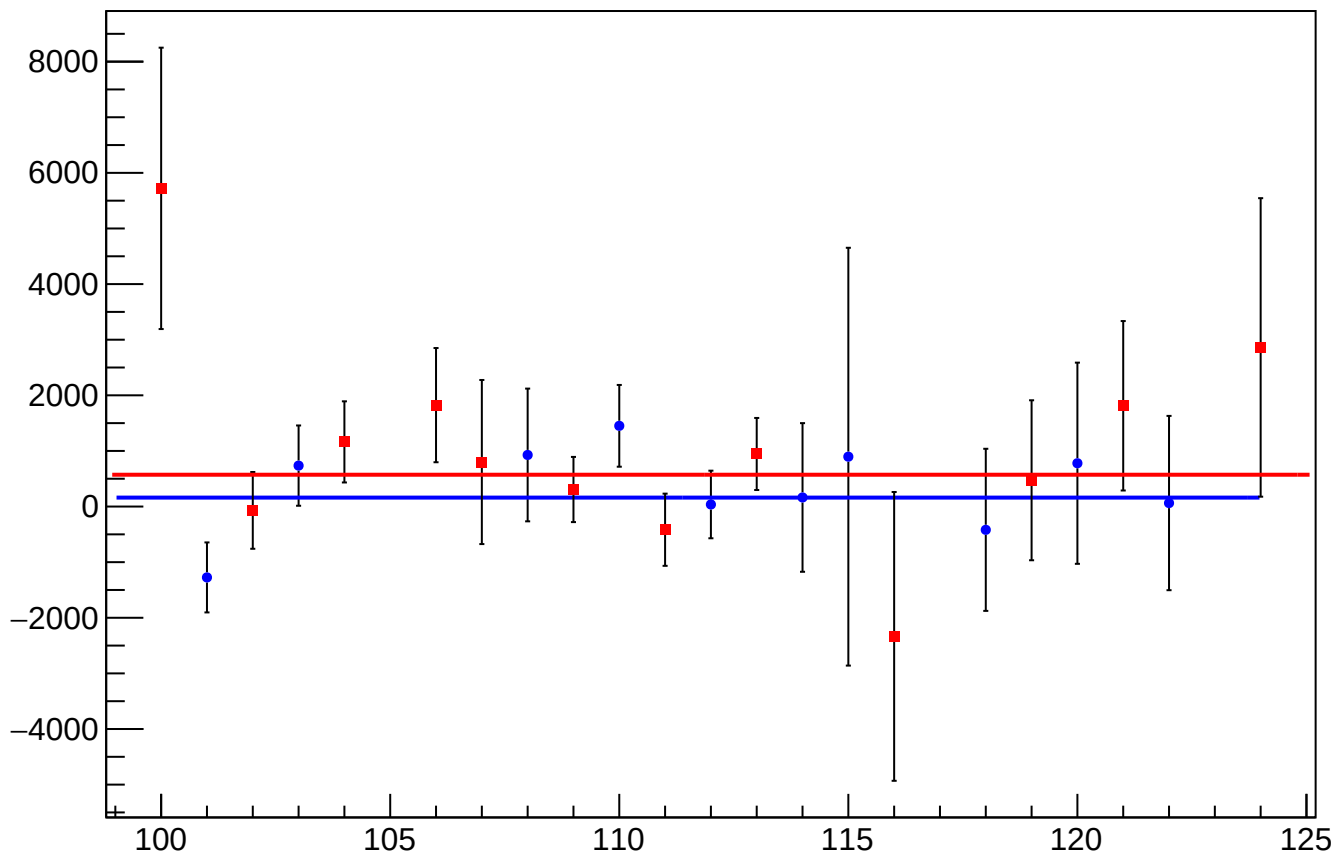
Right: 79.753+/-0.020 χ^2/NDF : 1068602.5/21

In: 81.742+/-0.030 χ^2/NDF : 492155.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.753+/-0.020 χ^2/NDF : 1068602.5/21

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 160.939+/-294.632 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 572.122+/-263.420 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

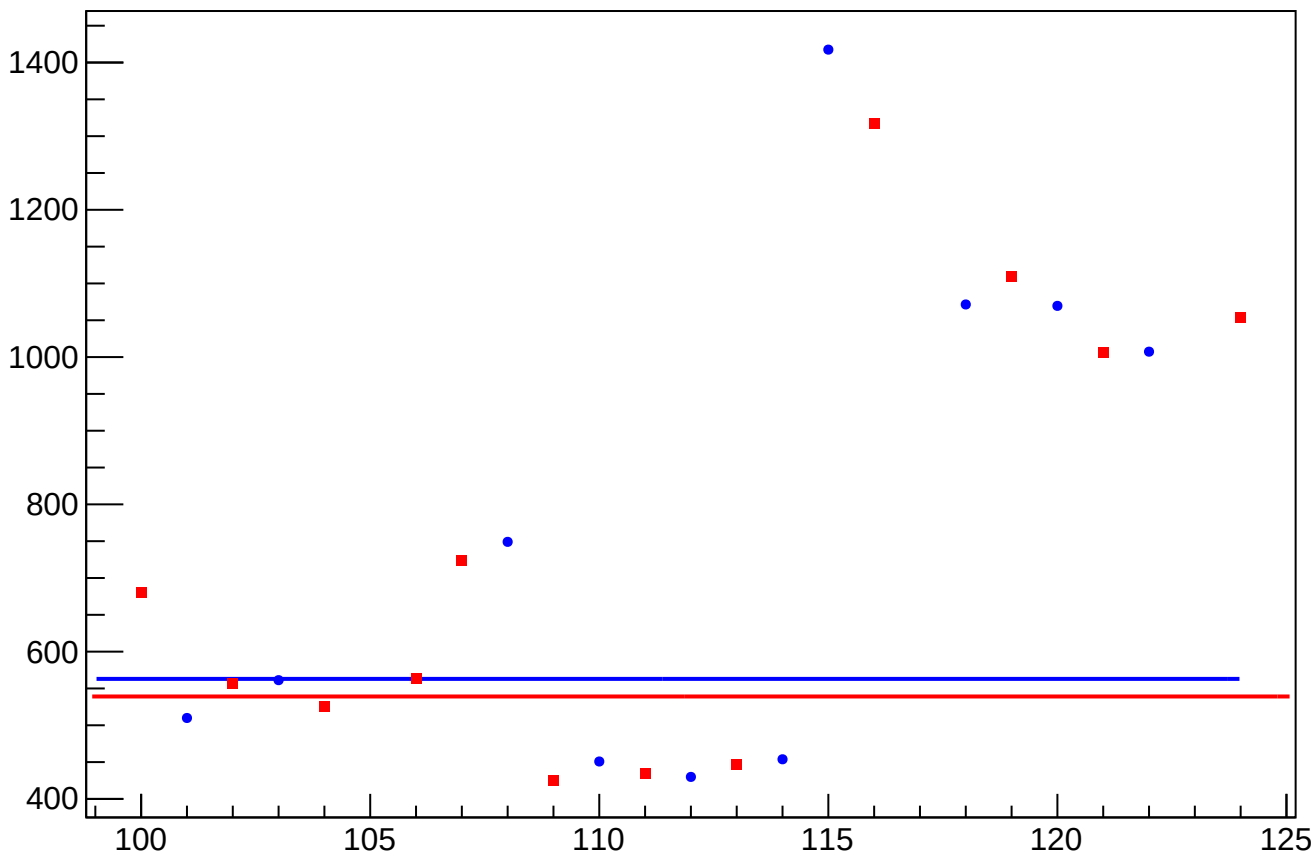
Right: 389.457+/-196.377 χ^2/NDF : 23.5/21

In: 160.939+/-294.632 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.457+/-196.377 χ^2/NDF : 23.5/21

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 562.993+/-0.208 χ^2/NDF : 883383.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.101+/-0.186 χ^2/NDF : 964271.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

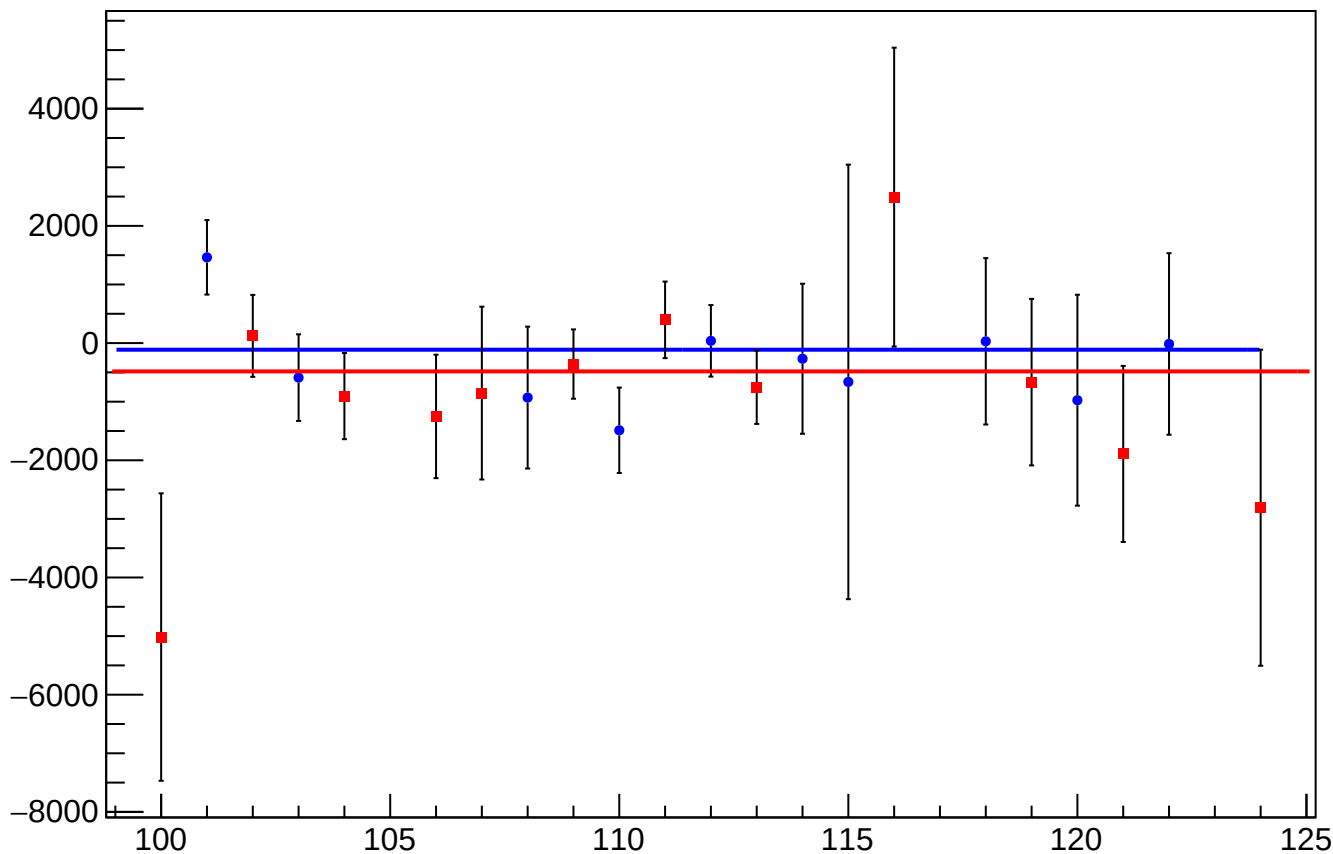
Right: 549.715+/-0.139 χ^2/NDF : 1854963.5/21

In: 562.993+/-0.208 χ^2/NDF : 883383.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.715+/-0.139 χ^2/NDF : 1854963.5/21

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -113.140 ± 295.404 χ^2/NDF : 10.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -483.312 ± 263.491 χ^2/NDF : 10.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

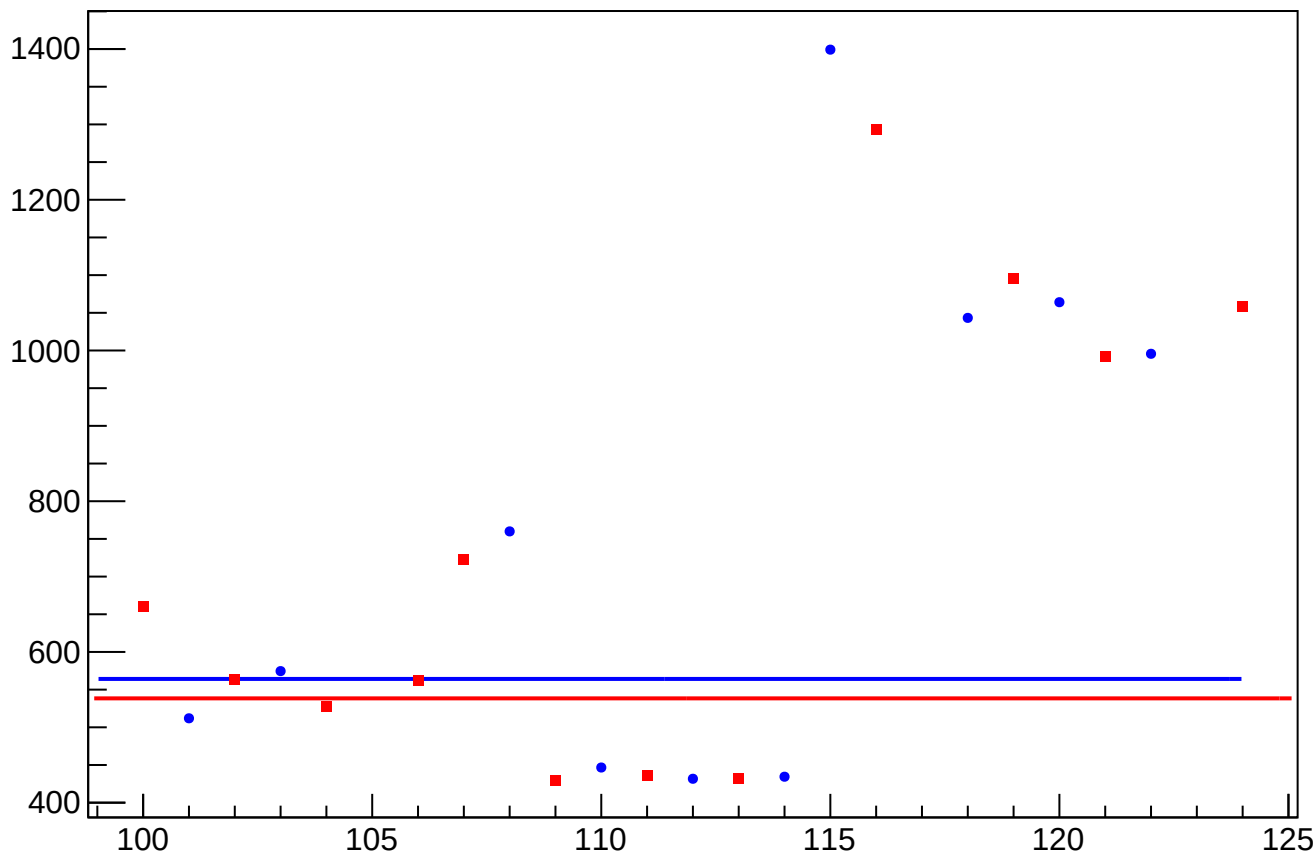
Right: -319.294 ± 196.634 χ^2/NDF : 21.9/21

In: -113.140 ± 295.404 χ^2/NDF : 10.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -319.294 ± 196.634 χ^2/NDF : 21.9/21

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 564.191+/-0.209 χ^2/NDF : 871793.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.405+/-0.186 χ^2/NDF : 953496.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

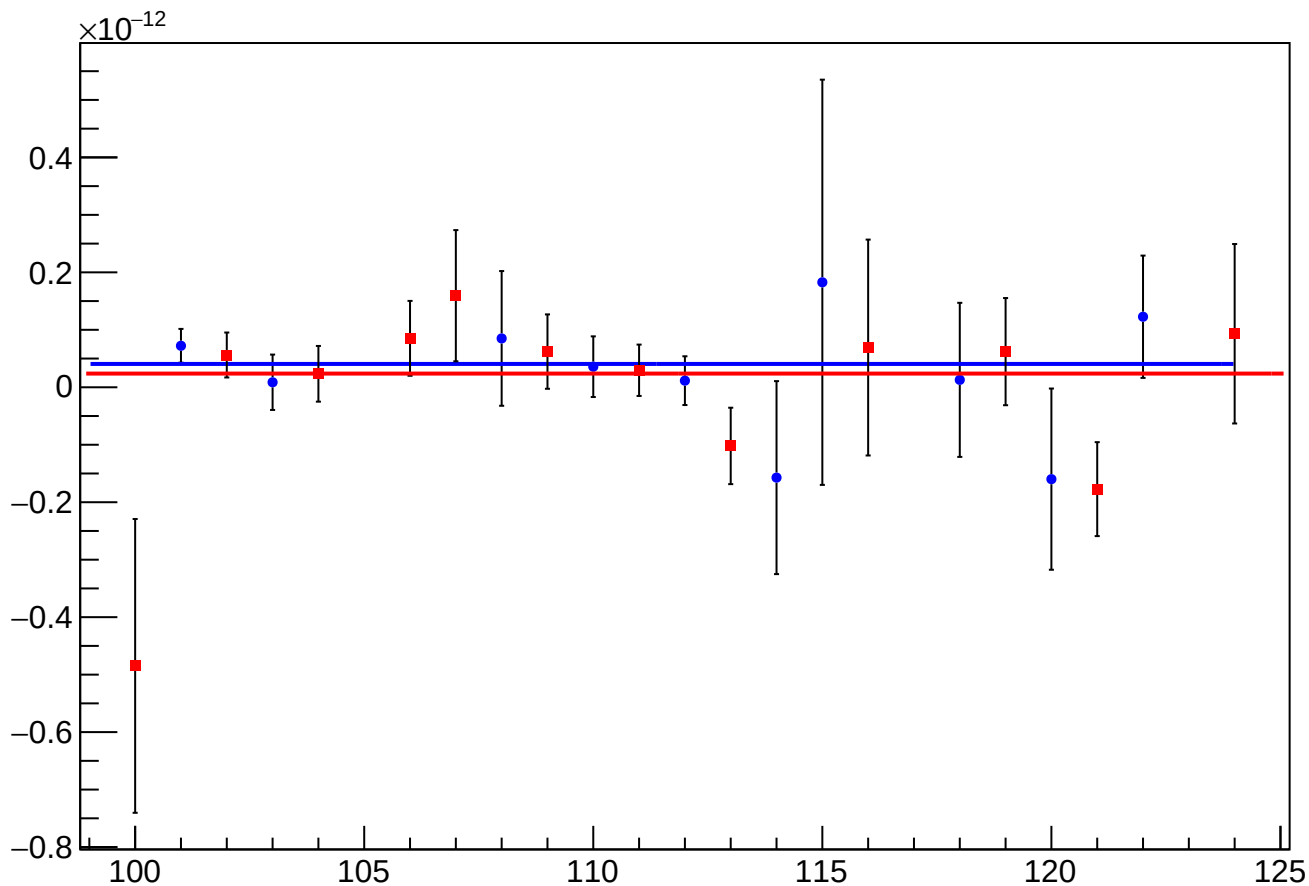
Right: 549.830+/-0.139 χ^2/NDF : 1833777.8/21

In: 564.191+/-0.209 χ^2/NDF : 871793.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.830+/-0.139 χ^2/NDF : 1833777.8/21

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

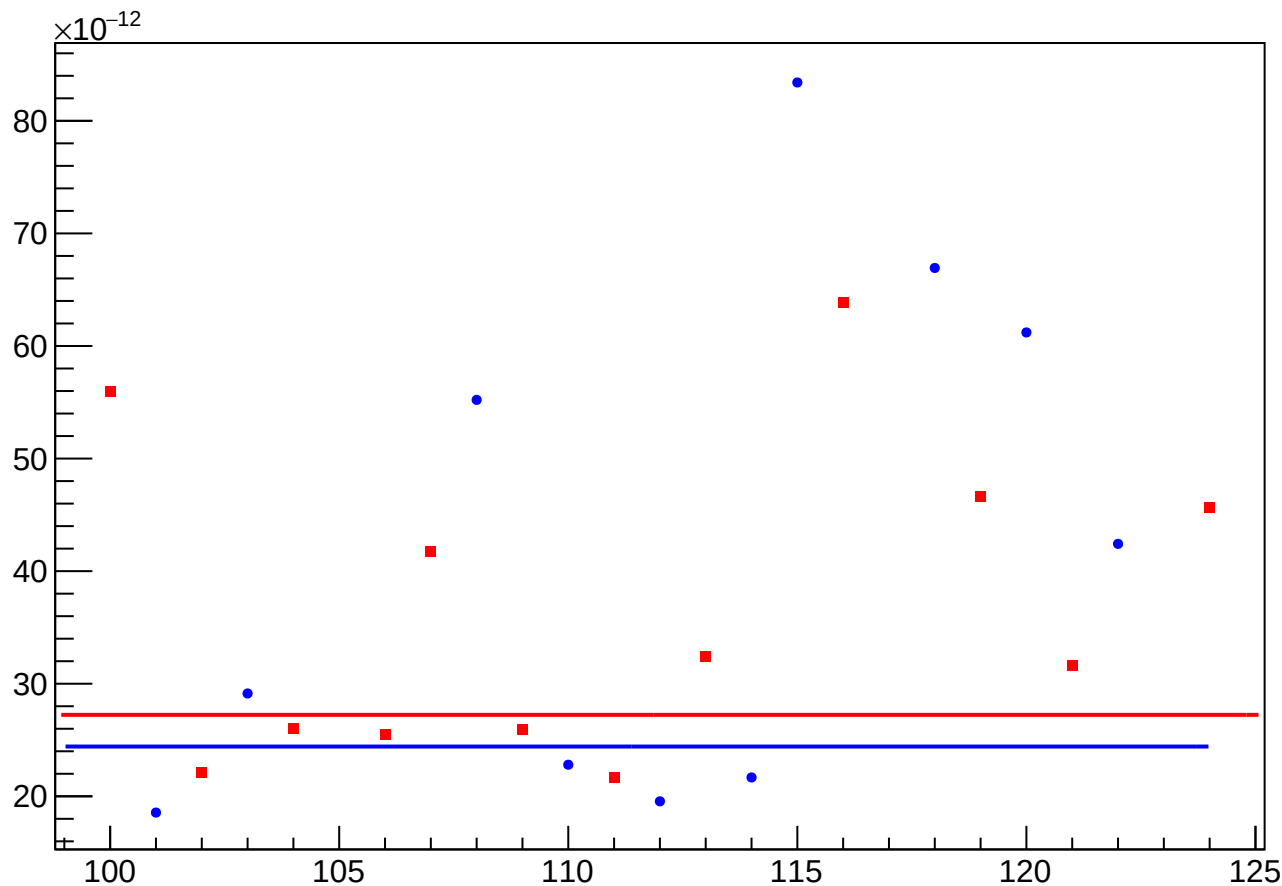
Right: 0.000+/-0.000 χ^2/NDF : 23.8/21

In: 0.000+/-0.000 χ^2/NDF : 6.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.8/21

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 688952.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 335012.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

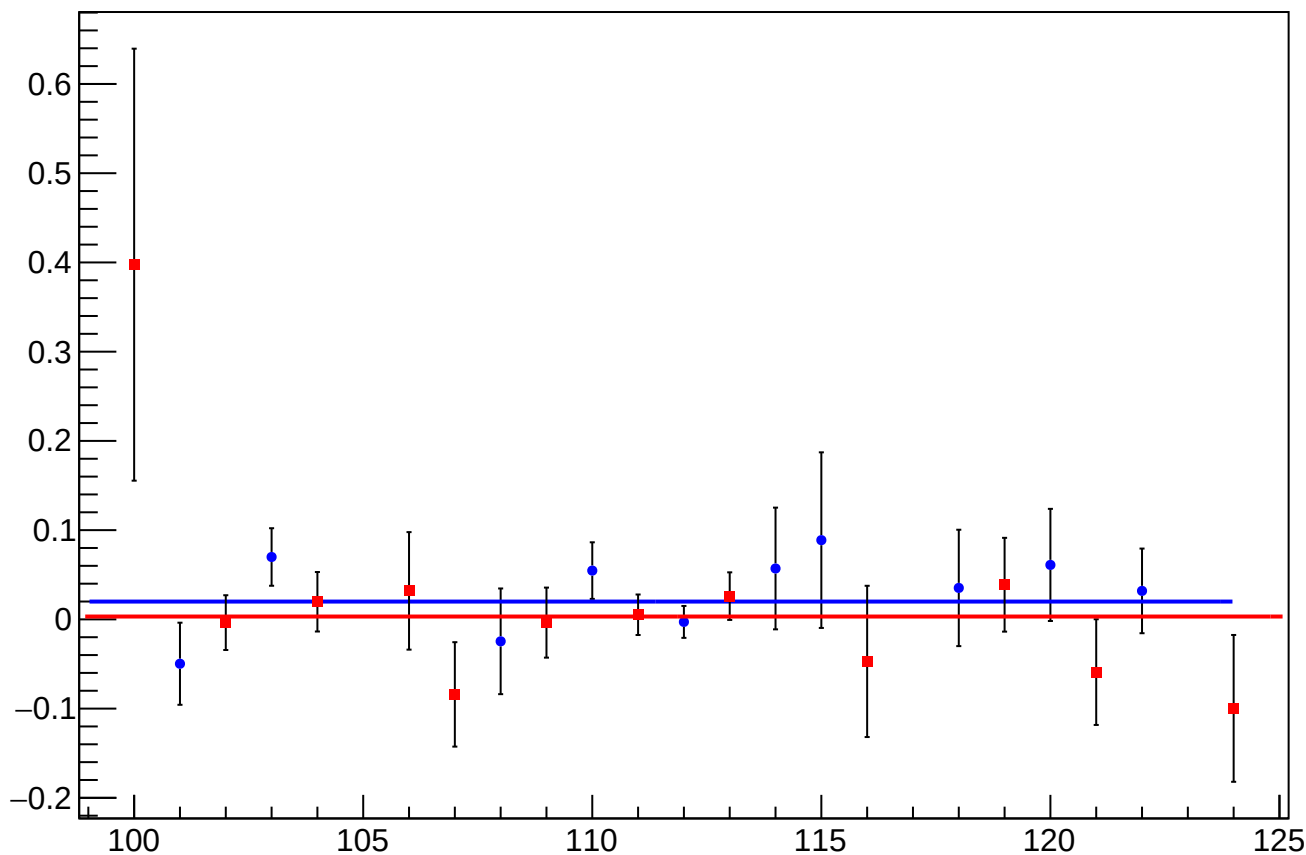
Right: 0.000+/-0.000 χ^2/NDF : 1045785.9/21

In: 0.000+/-0.000 χ^2/NDF : 688952.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1045785.9/21

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.012 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.012 χ^2 /NDF: 9.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

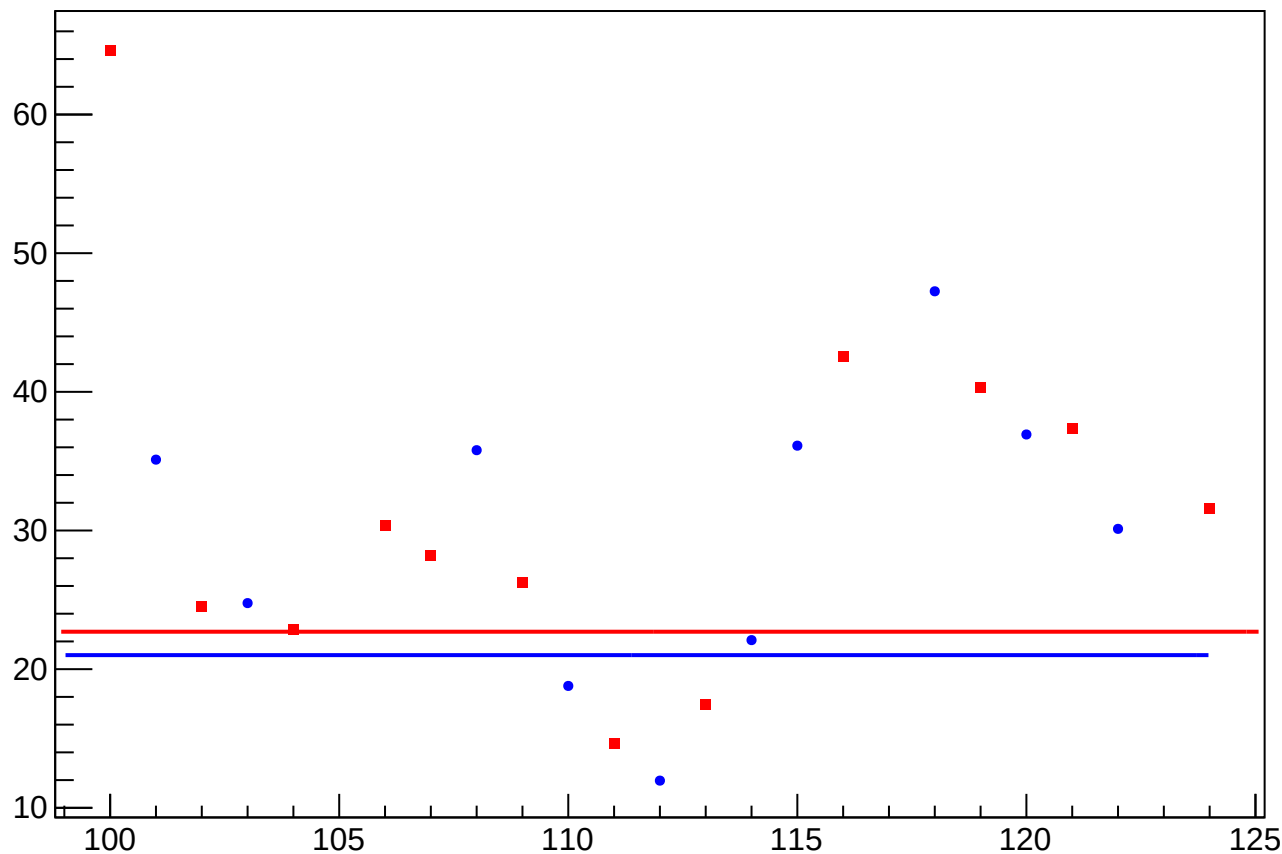
Right: 0.011 $\pm$ 0.008 χ^2 /NDF: 20.1/21

In: 0.020 $\pm$ 0.012 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.008 χ^2 /NDF: 20.1/21

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.013+/-0.008 χ^2/NDF : 1435339.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.701+/-0.008 χ^2/NDF : 939453.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

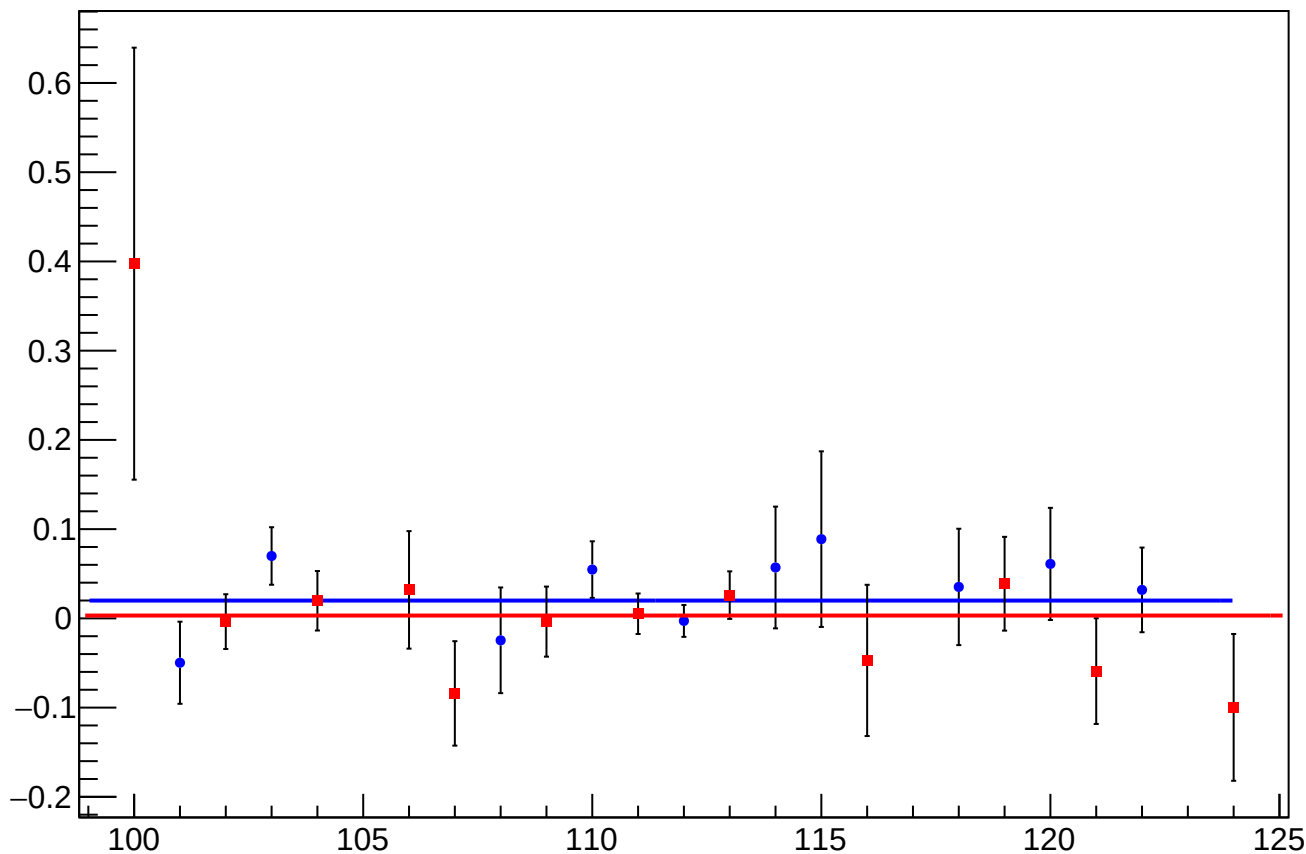
Right: 21.876+/-0.006 χ^2/NDF : 2395486.6/21

In: 21.013+/-0.008 χ^2/NDF : 1435339.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.876+/-0.006 χ^2/NDF : 2395486.6/21

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.012 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.012 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

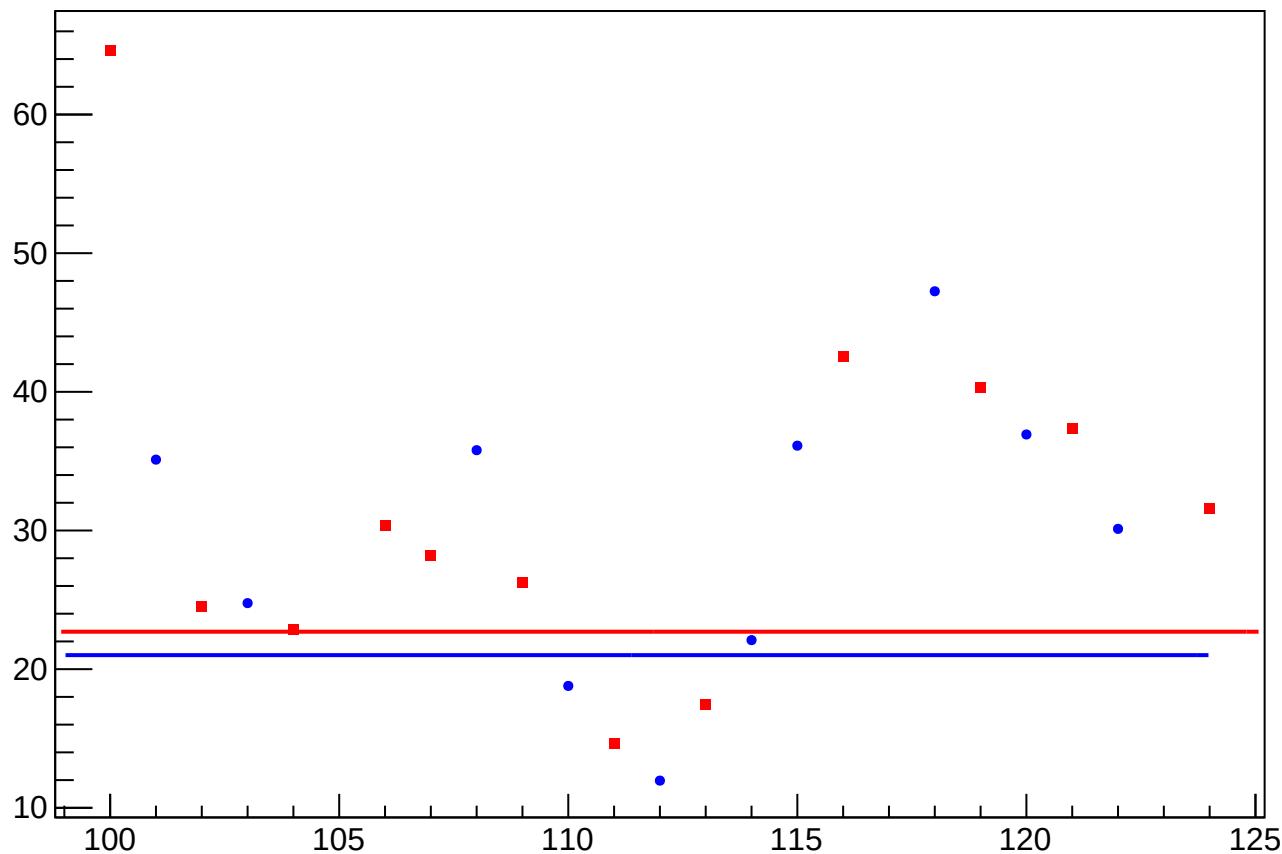
Right: 0.011+/-0.008 χ^2/NDF : 20.1/21

In: 0.020+/-0.012 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.008 χ^2/NDF : 20.1/21

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.013+/-0.008 χ^2/NDF : 1435339.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.701+/-0.008 χ^2/NDF : 939453.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

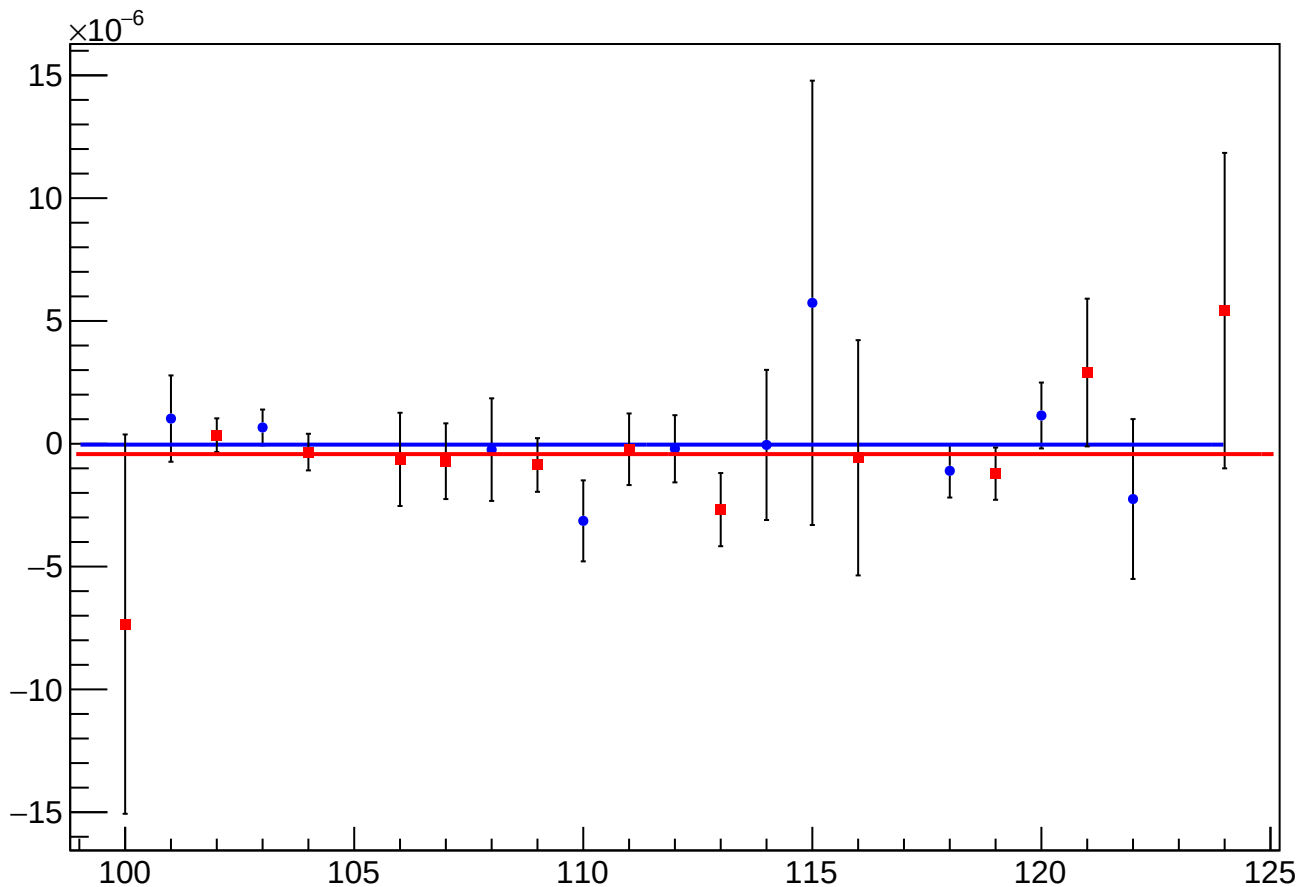
Right: 21.876+/-0.006 χ^2/NDF : 2395486.6/21

In: 21.013+/-0.008 χ^2/NDF : 1435339.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.876+/-0.006 χ^2/NDF : 2395486.6/21

asym_sam_1548_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 : 7.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

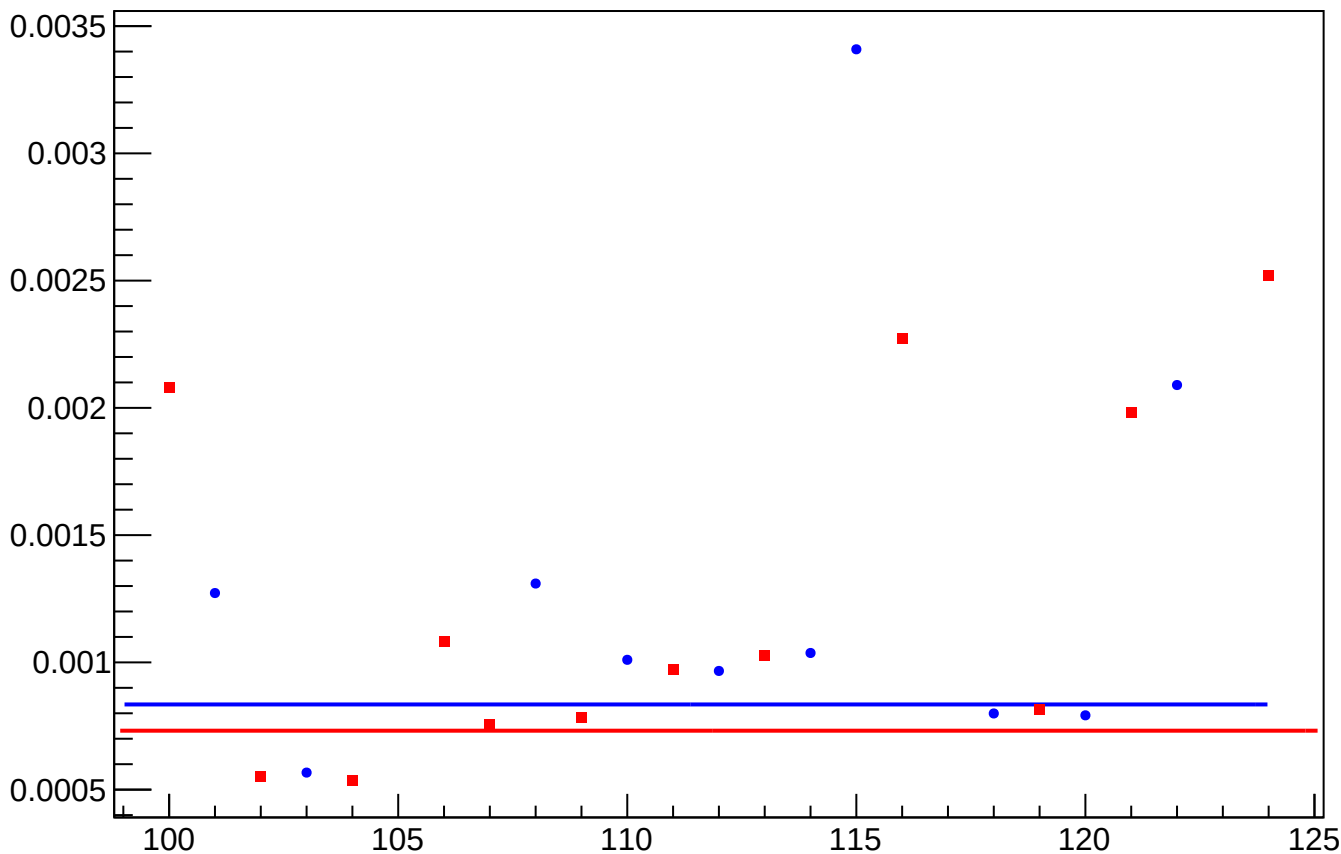
Right: -0.000 ± 0.000 χ^2/NDF : 15.1/21

In: -0.000 ± 0.000 χ^2/NDF : 7.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 15.1/21

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1010694.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1266290.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

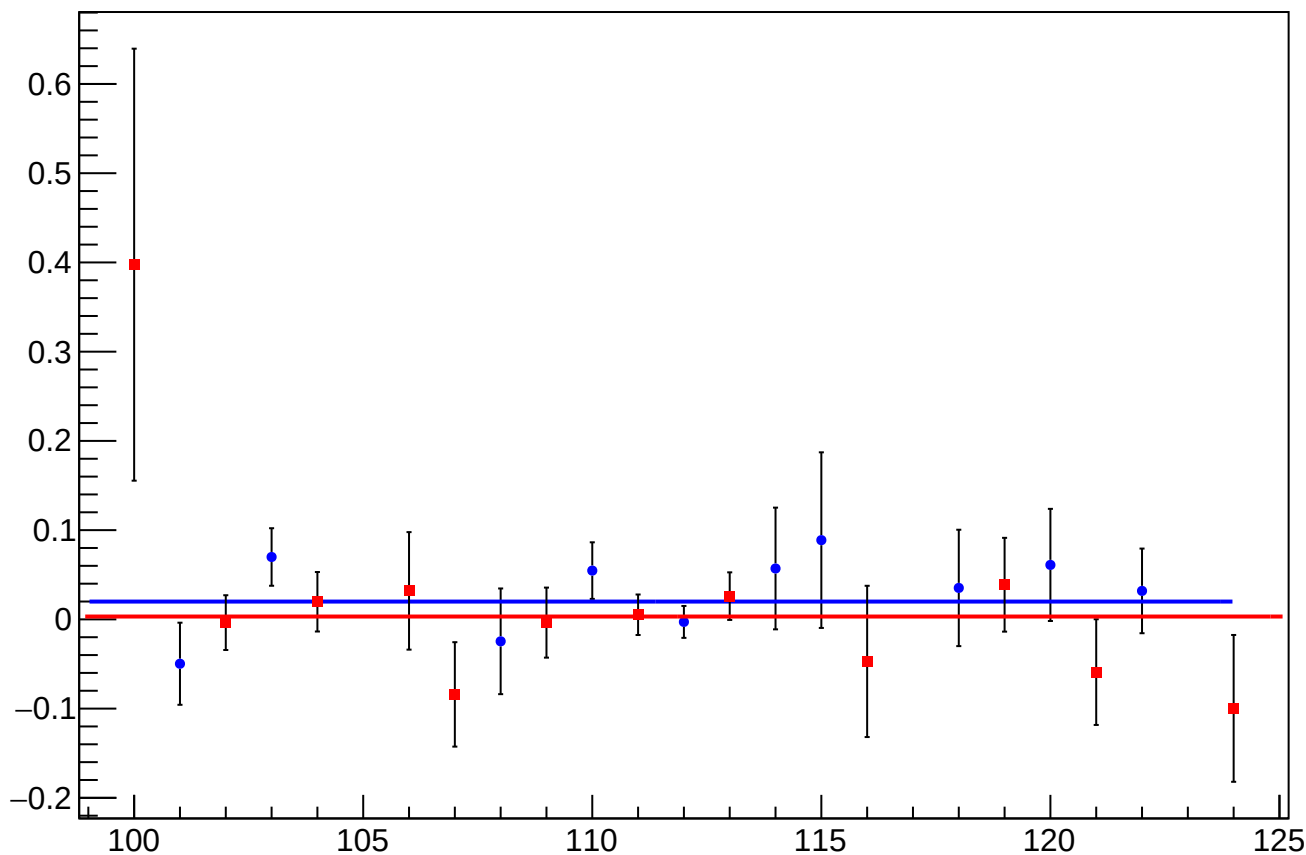
Right: 0.001+/-0.000 χ^2/NDF : 2340297.1/21

In: 0.001+/-0.000 χ^2/NDF :1010694.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2340297.1/21

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.012 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.012 χ^2 /NDF: 9.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

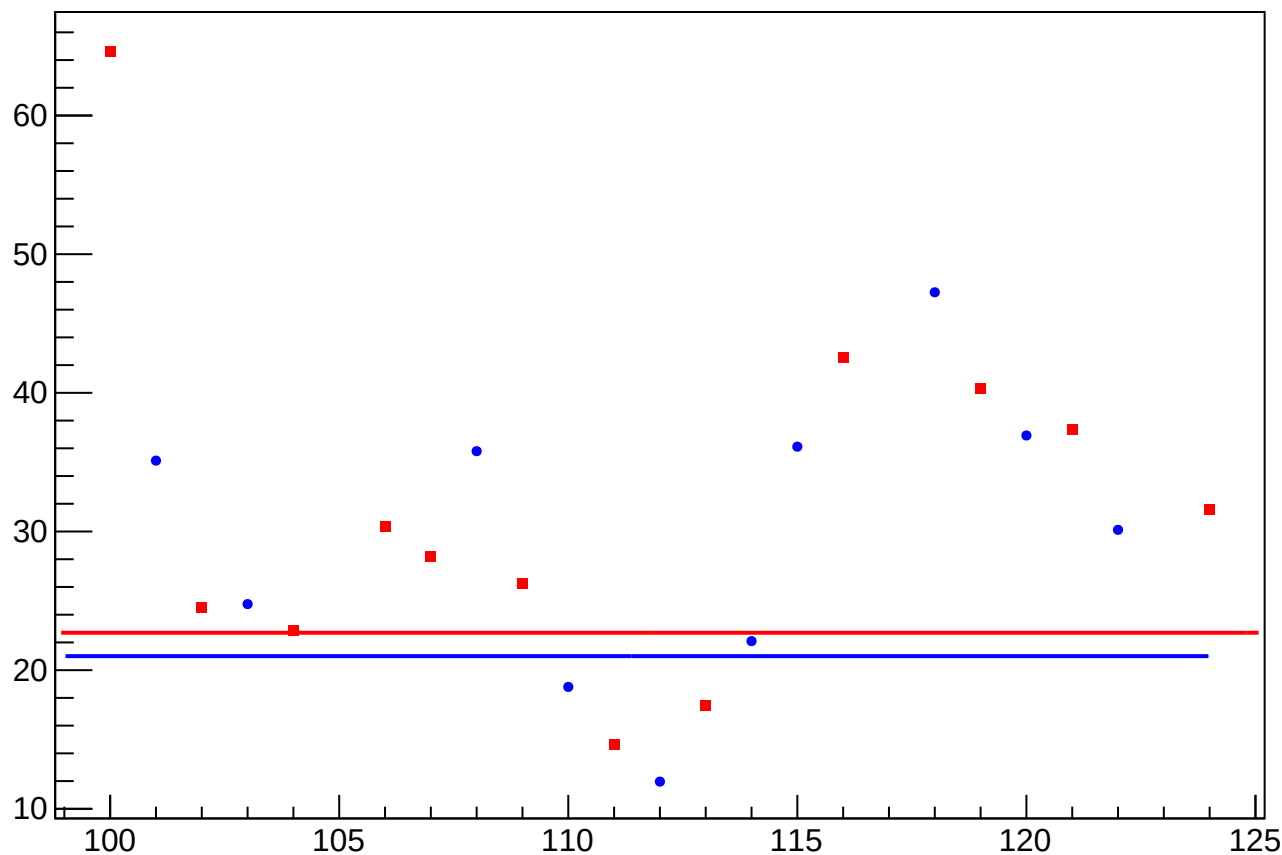
Right: 0.011 $\pm$ 0.008 χ^2 /NDF: 20.1/21

In: 0.020 $\pm$ 0.012 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.008 χ^2 /NDF: 20.1/21

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.012+/-0.008 χ^2/NDF : 1435455.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.701+/-0.008 χ^2/NDF : 939544.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

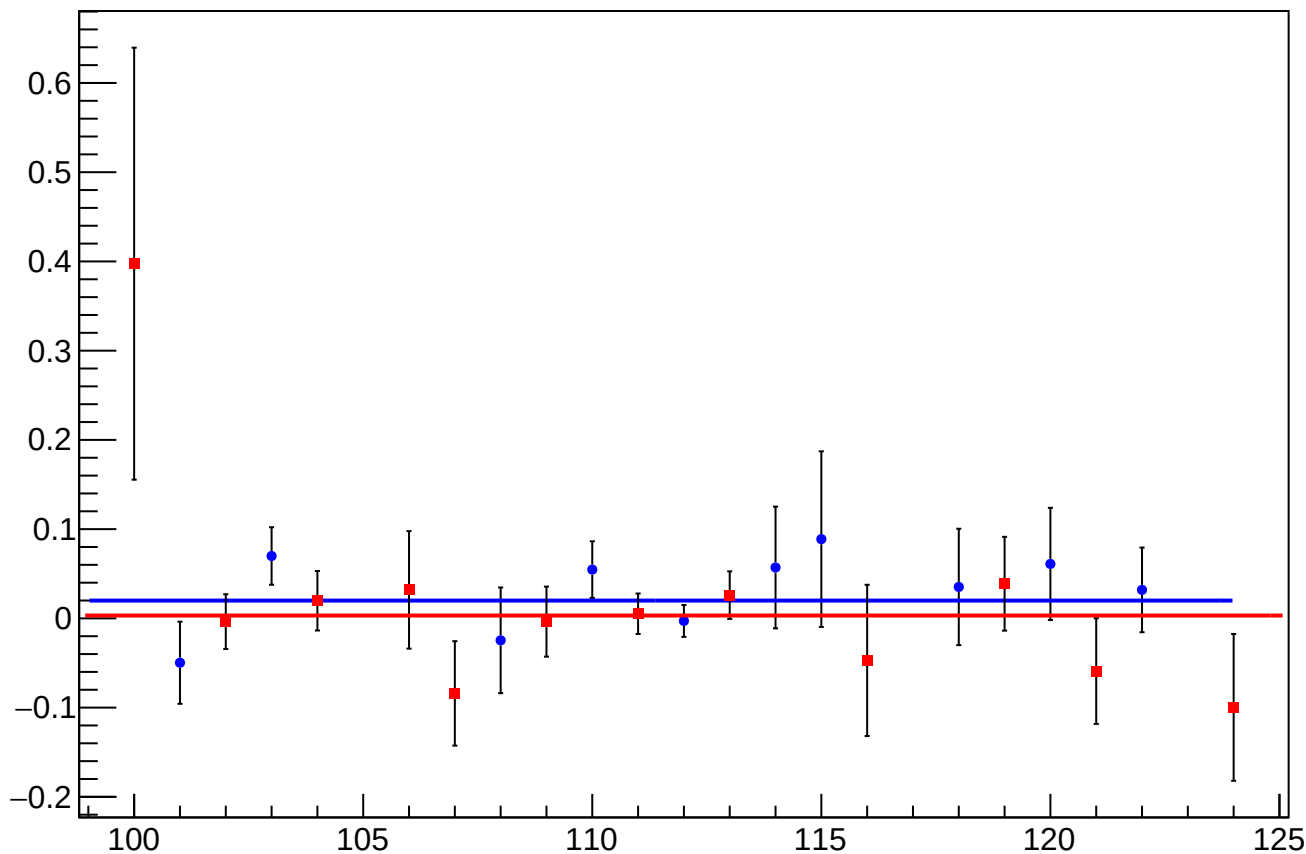
Right: 21.876+/-0.006 χ^2/NDF : 2395697.9/21

In: 21.012+/-0.008 χ^2/NDF :1435455.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.876+/-0.006 χ^2/NDF : 2395697.9/21

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.012 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.012 χ^2 /NDF: 9.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

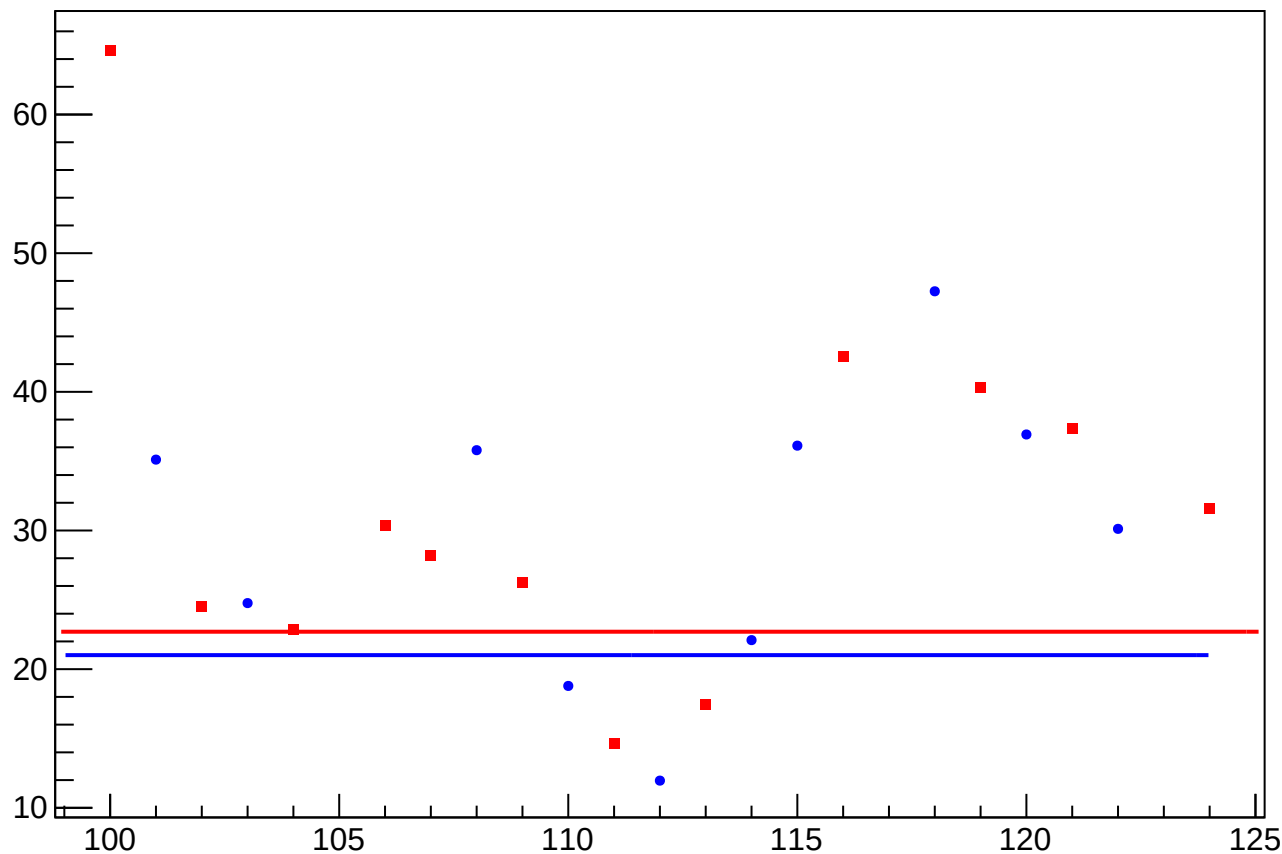
Right: 0.011 $\pm$ 0.008 χ^2 /NDF: 20.1/21

In: 0.020 $\pm$ 0.012 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.008 χ^2 /NDF: 20.1/21

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.012 $\pm$ 0.008 χ^2 /NDF: 1435455.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.701 $\pm$ 0.008 χ^2 /NDF: 939544.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

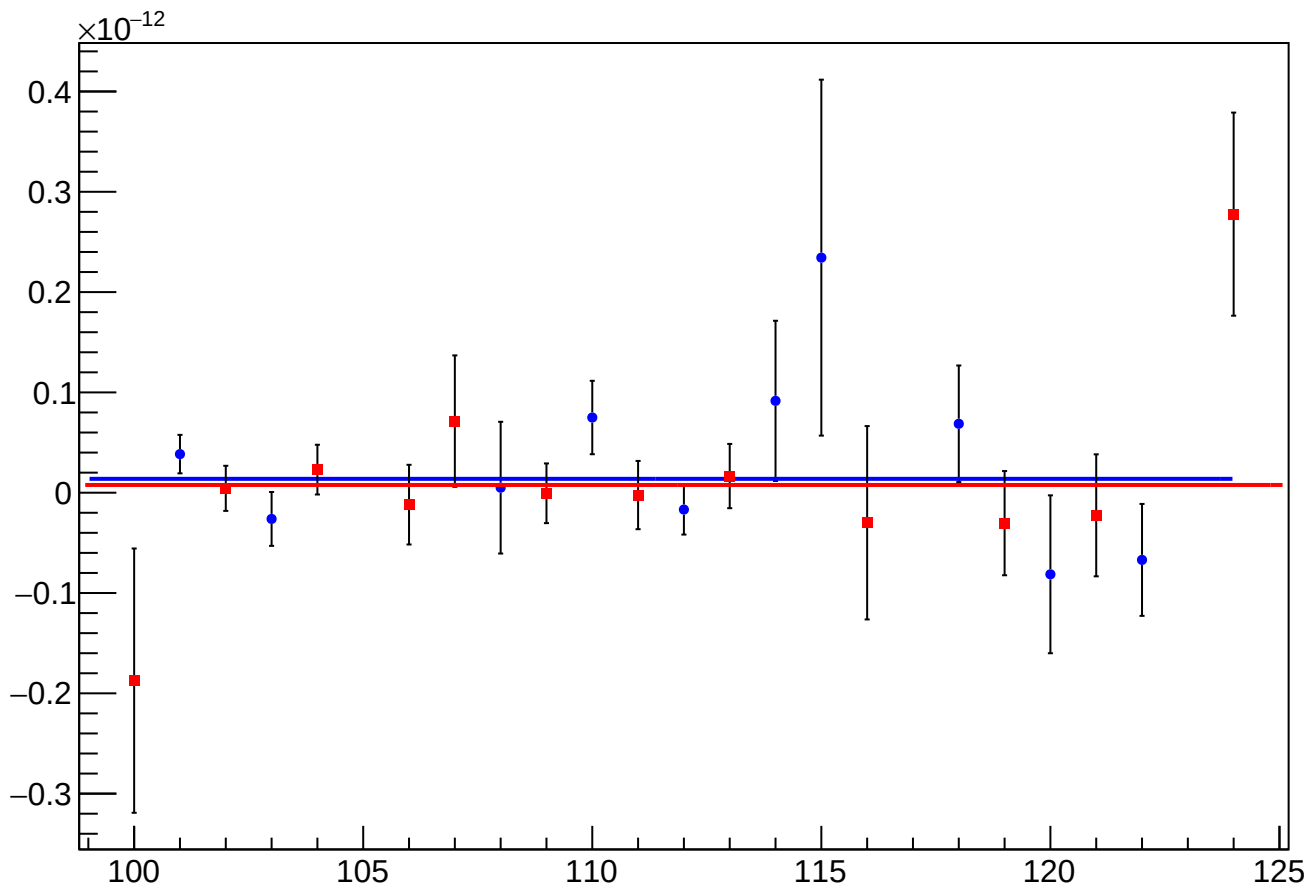
Right: 21.876 $\pm$ 0.006 χ^2 /NDF: 2395697.9/21

In: 21.012 $\pm$ 0.008 χ^2 /NDF:1435455.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.876 $\pm$ 0.006 χ^2 /NDF: 2395697.9/21

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

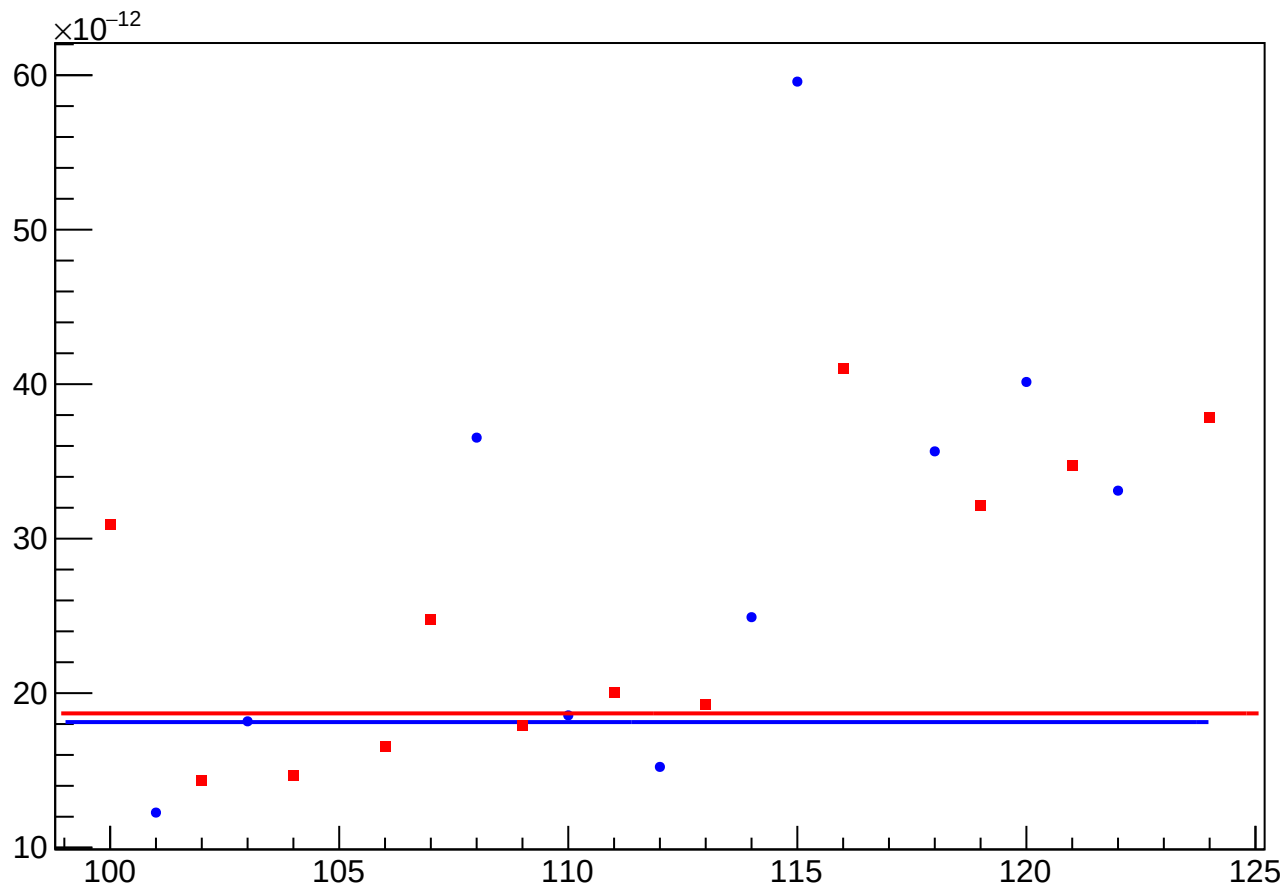
Right: 0.000+/-0.000 χ^2/NDF : 27.4/21

In: 0.000+/-0.000 χ^2/NDF : 15.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.4/21

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 977387.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 627603.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

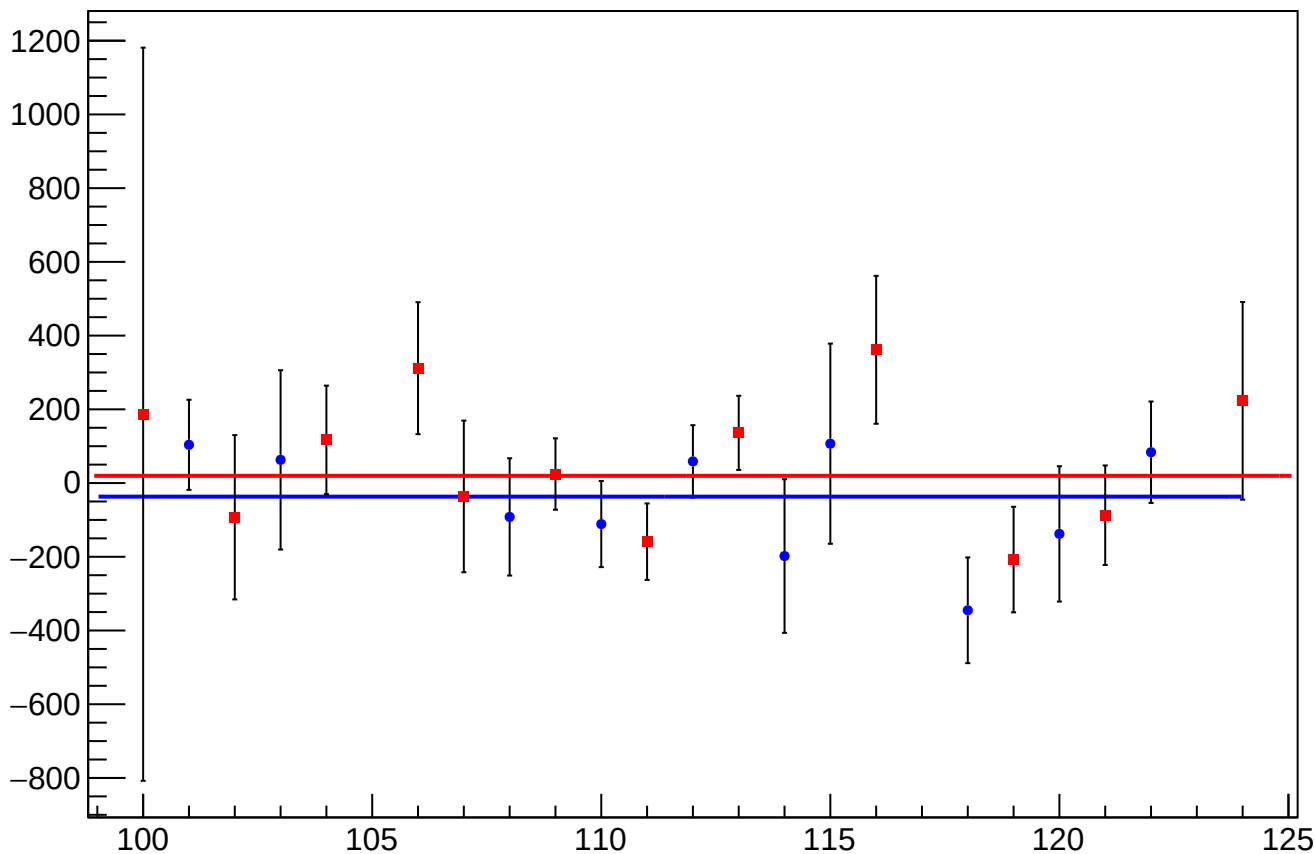
Right: 0.000+/-0.000 χ^2/NDF : 1607526.2/21

In: 0.000+/-0.000 χ^2/NDF : 977387.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1607526.2/21

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -36.870 ± 46.223 χ^2/NDF : 9.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 19.656 ± 42.150 χ^2/NDF : 14.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

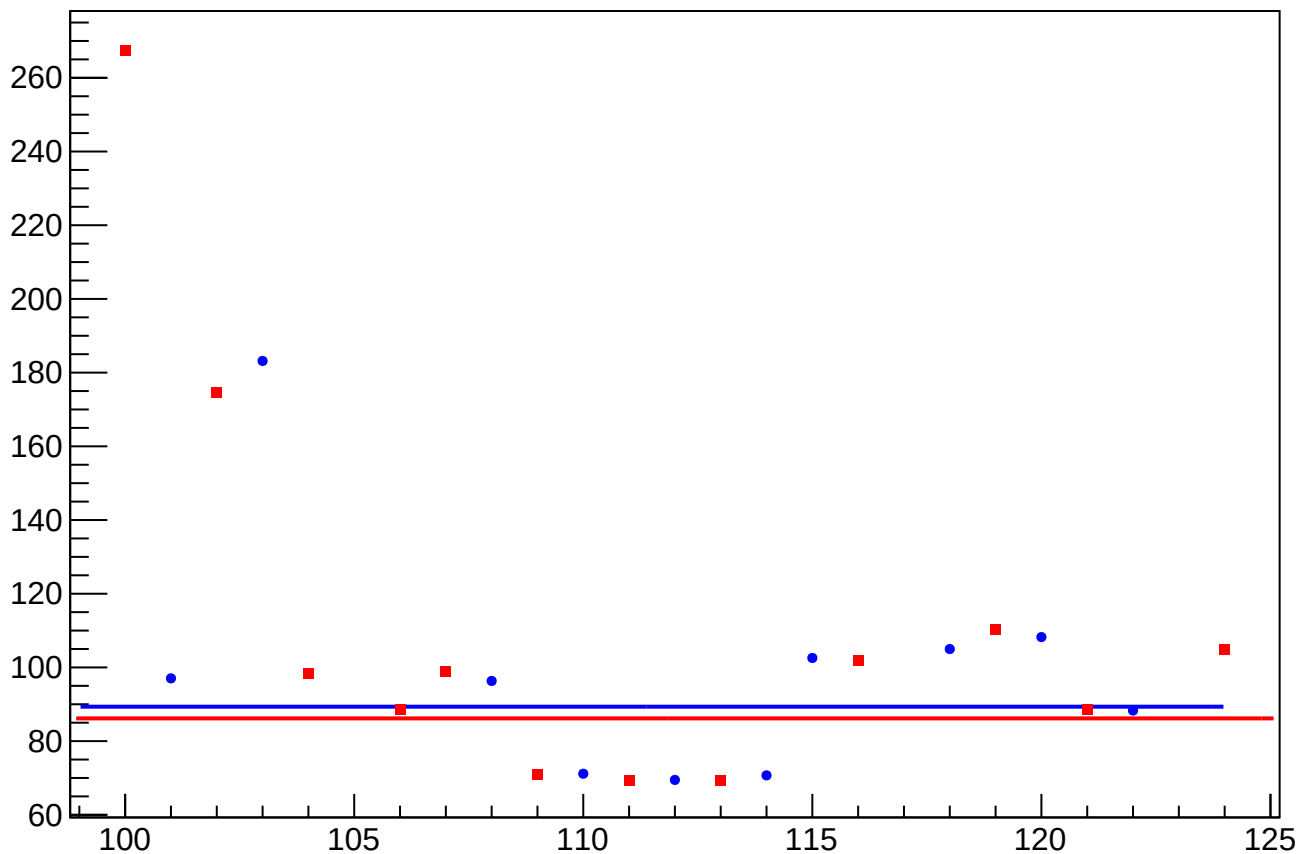
Right: -6.008 ± 31.145 χ^2/NDF : 24.7/21

In: -36.870 ± 46.223 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.008 ± 31.145 χ^2/NDF : 24.7/21

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.345 $\pm$ 0.033 χ^2 /NDF: 505611.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.168 $\pm$ 0.030 χ^2 /NDF: 641411.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

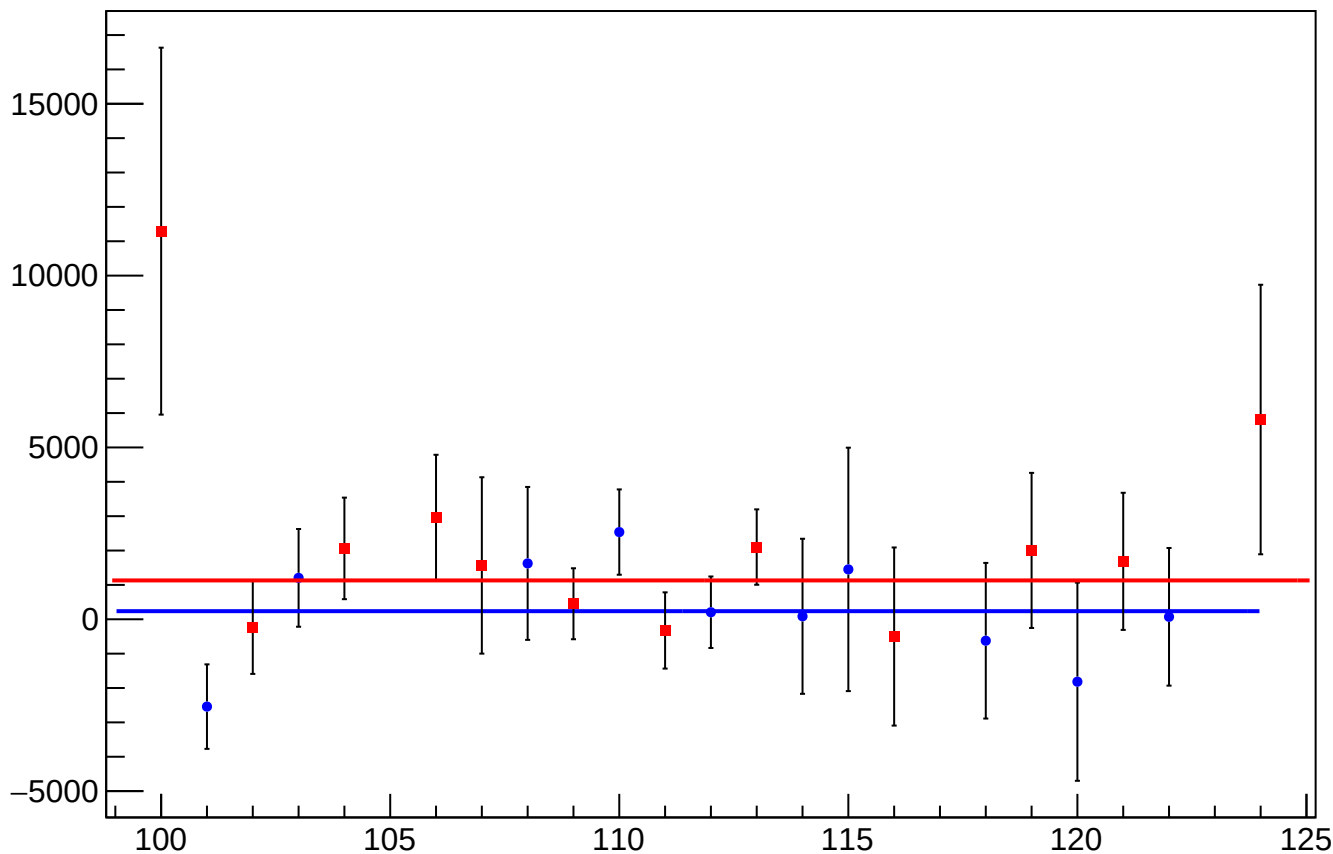
Right: 87.610 $\pm$ 0.022 χ^2 /NDF: 1152183.7/21

In: 89.345 $\pm$ 0.033 χ^2 /NDF: 505611.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.610 $\pm$ 0.022 χ^2 /NDF: 1152183.7/21

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 235.835+/-514.930 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1130.586+/-459.648 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

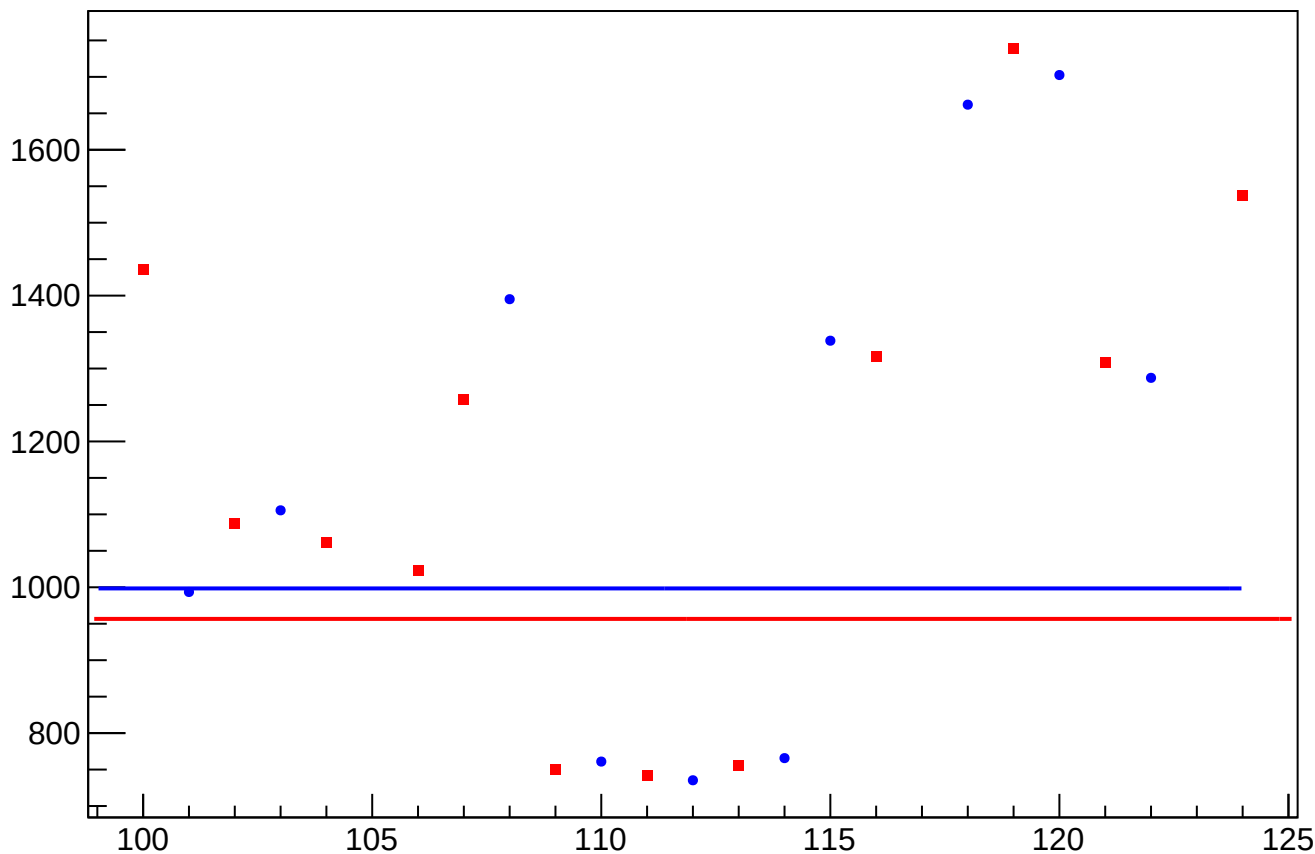
Right: 733.802+/-342.905 χ^2/NDF : 22.9/21

In: 235.835+/-514.930 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.802+/-342.905 χ^2/NDF : 22.9/21

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 998.427+/-0.364 χ^2/NDF : 648239.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.624+/-0.325 χ^2/NDF : 682421.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

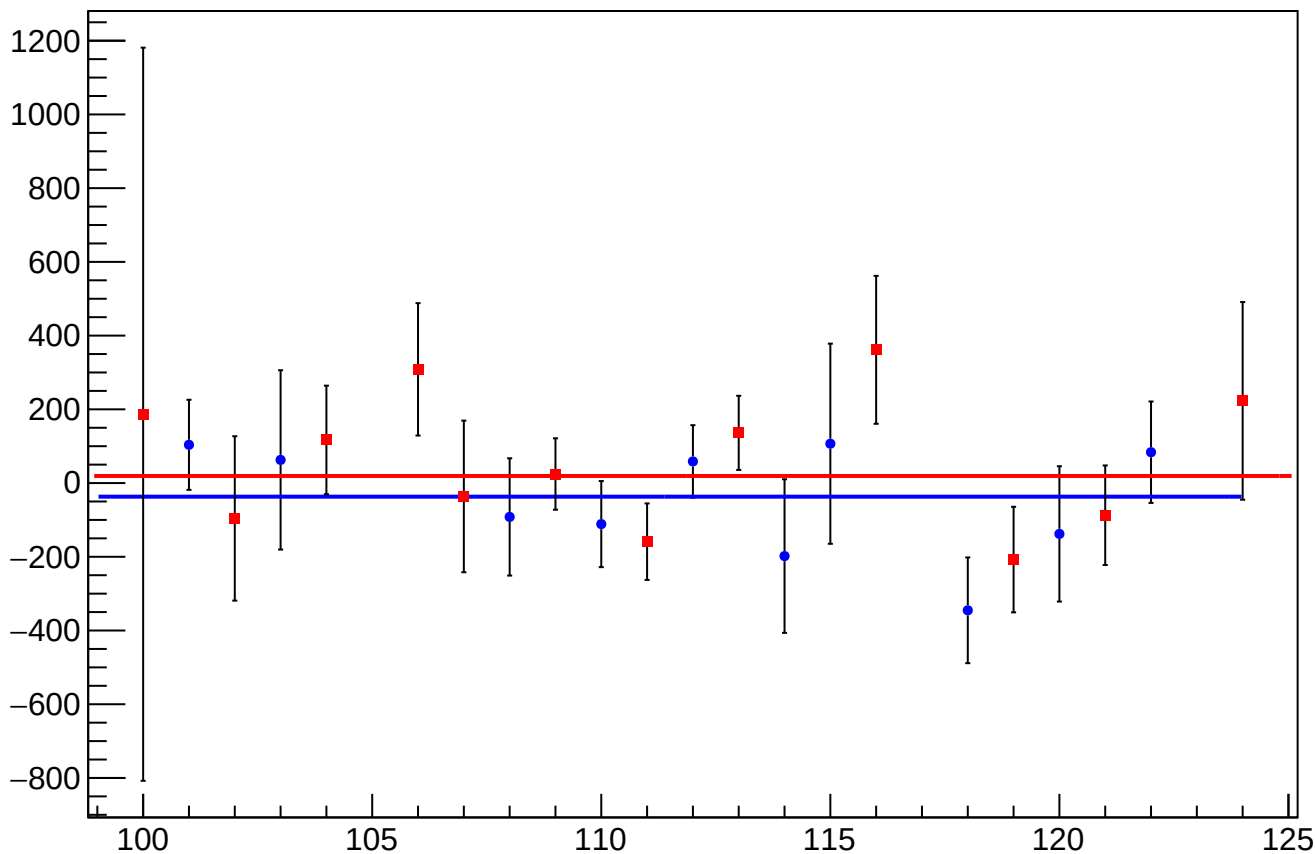
Right: 975.162+/-0.242 χ^2/NDF : 1337996.6/21

In: 998.427+/-0.364 χ^2/NDF : 648239.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 975.162+/-0.242 χ^2/NDF : 1337996.6/21

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -36.889 ± 46.223 χ^2/NDF : 9.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 19.268 ± 42.158 χ^2/NDF : 14.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

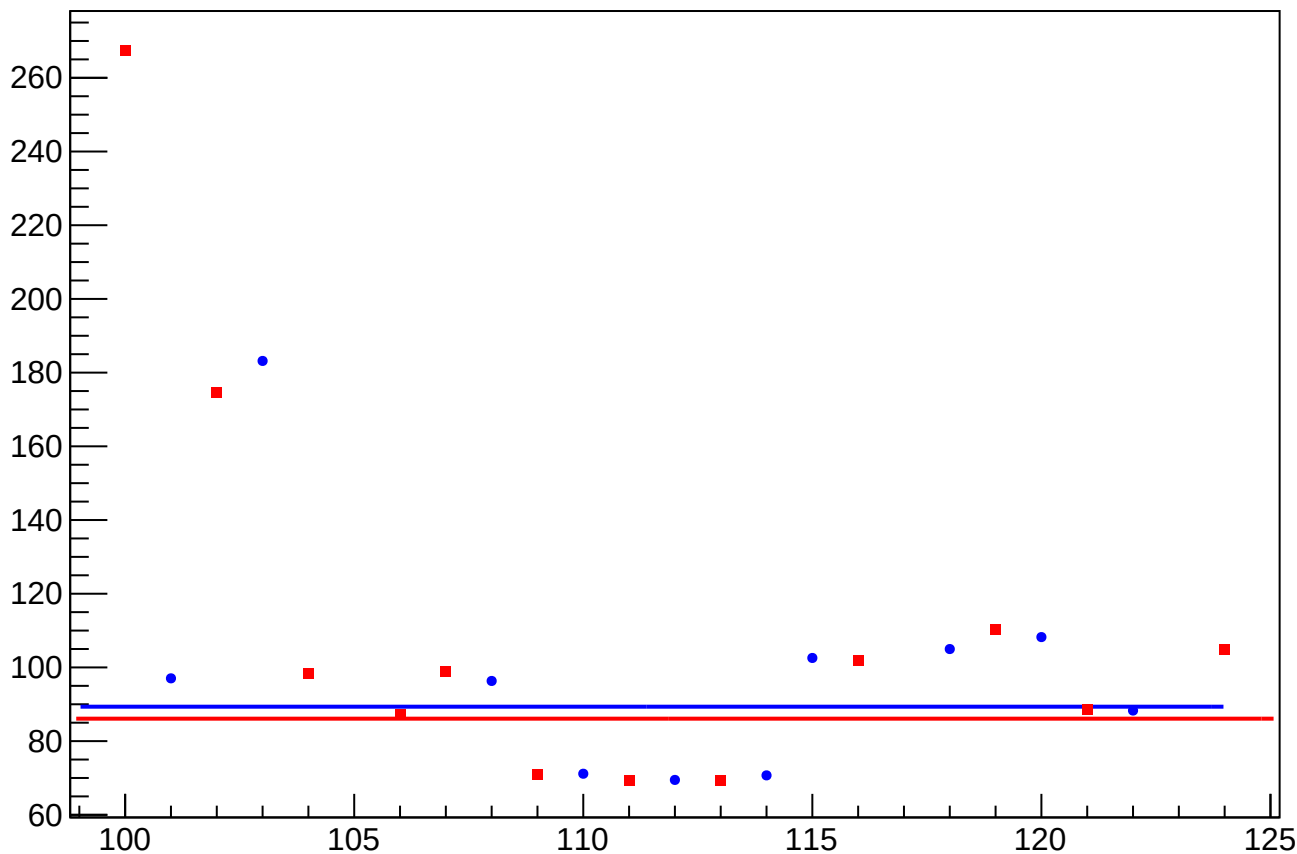
Right: -6.233 ± 31.148 χ^2/NDF : 24.7/21

In: -36.889 ± 46.223 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.233 ± 31.148 χ^2/NDF : 24.7/21

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.345+/-0.033 χ^2/NDF : 505614.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.094+/-0.030 χ^2/NDF : 641351.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

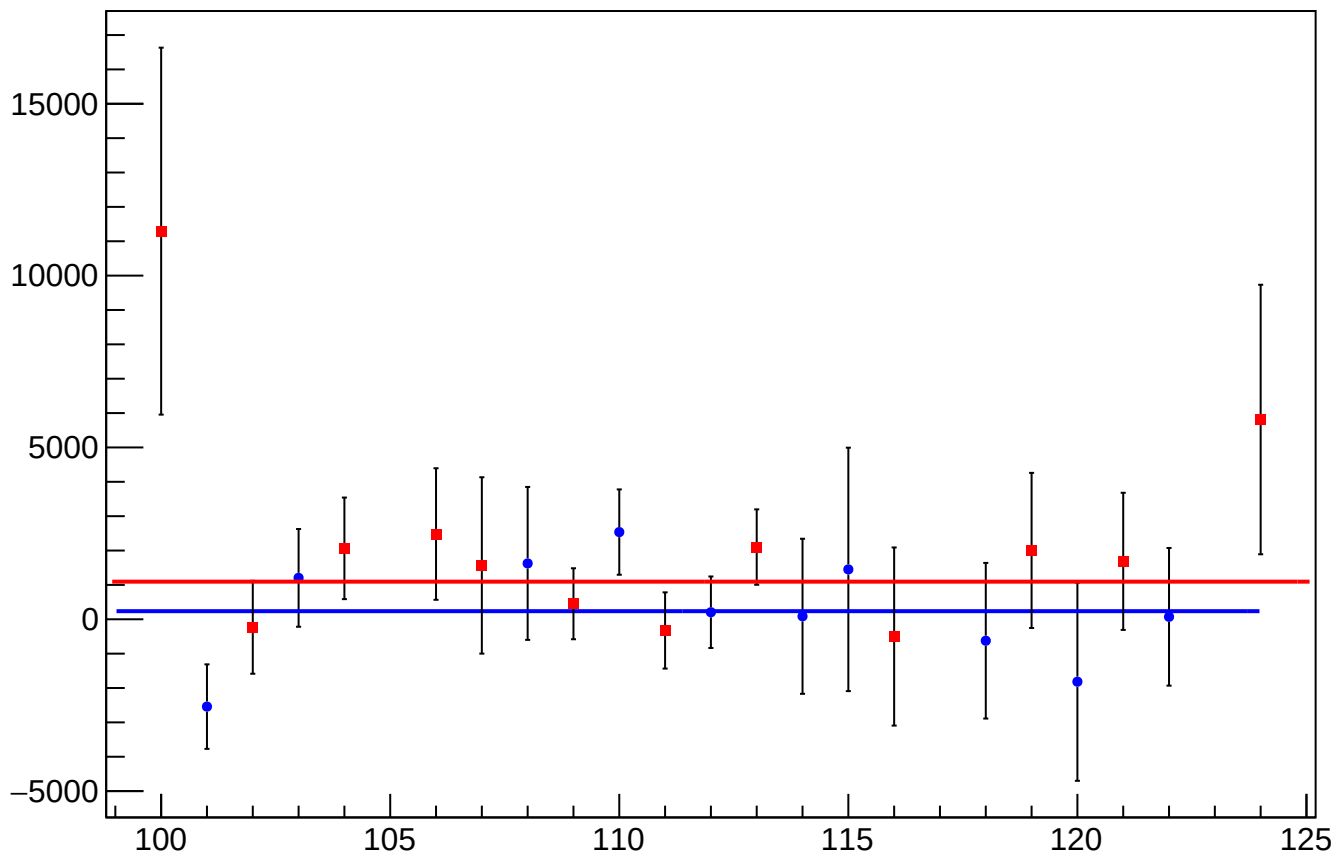
Right: 87.570+/-0.022 χ^2/NDF : 1152366.5/21

In: 89.345+/-0.033 χ^2/NDF : 505614.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.570+/-0.022 χ^2/NDF : 1152366.5/21

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 235.812+/-514.937 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1094.868+/-460.868 χ^2/NDF : 10.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

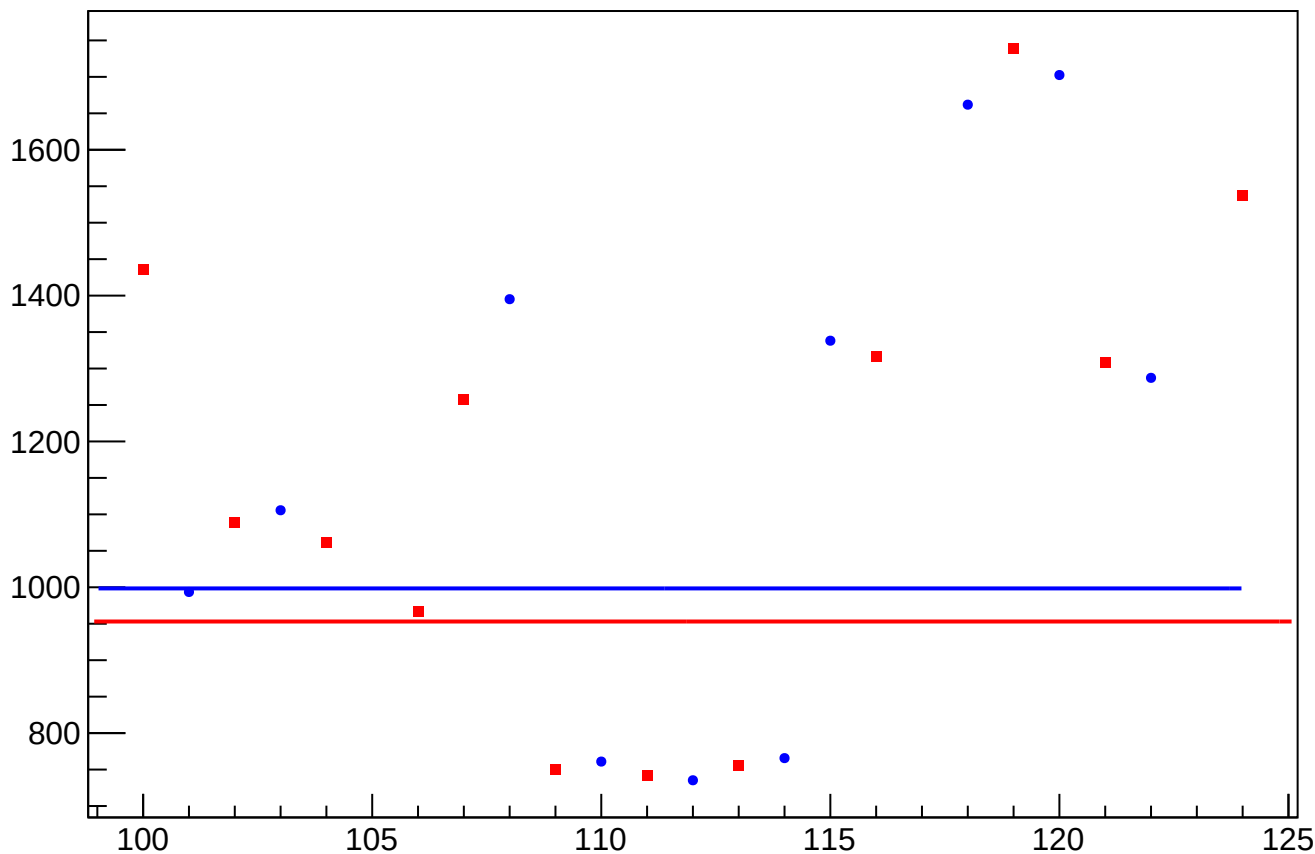
Right: 712.794+/-343.413 χ^2/NDF : 22.3/21

In: 235.812+/-514.937 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.794+/-343.413 χ^2/NDF : 22.3/21

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 998.438+/-0.364 χ^2/NDF : 648260.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.047+/-0.326 χ^2/NDF : 679865.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

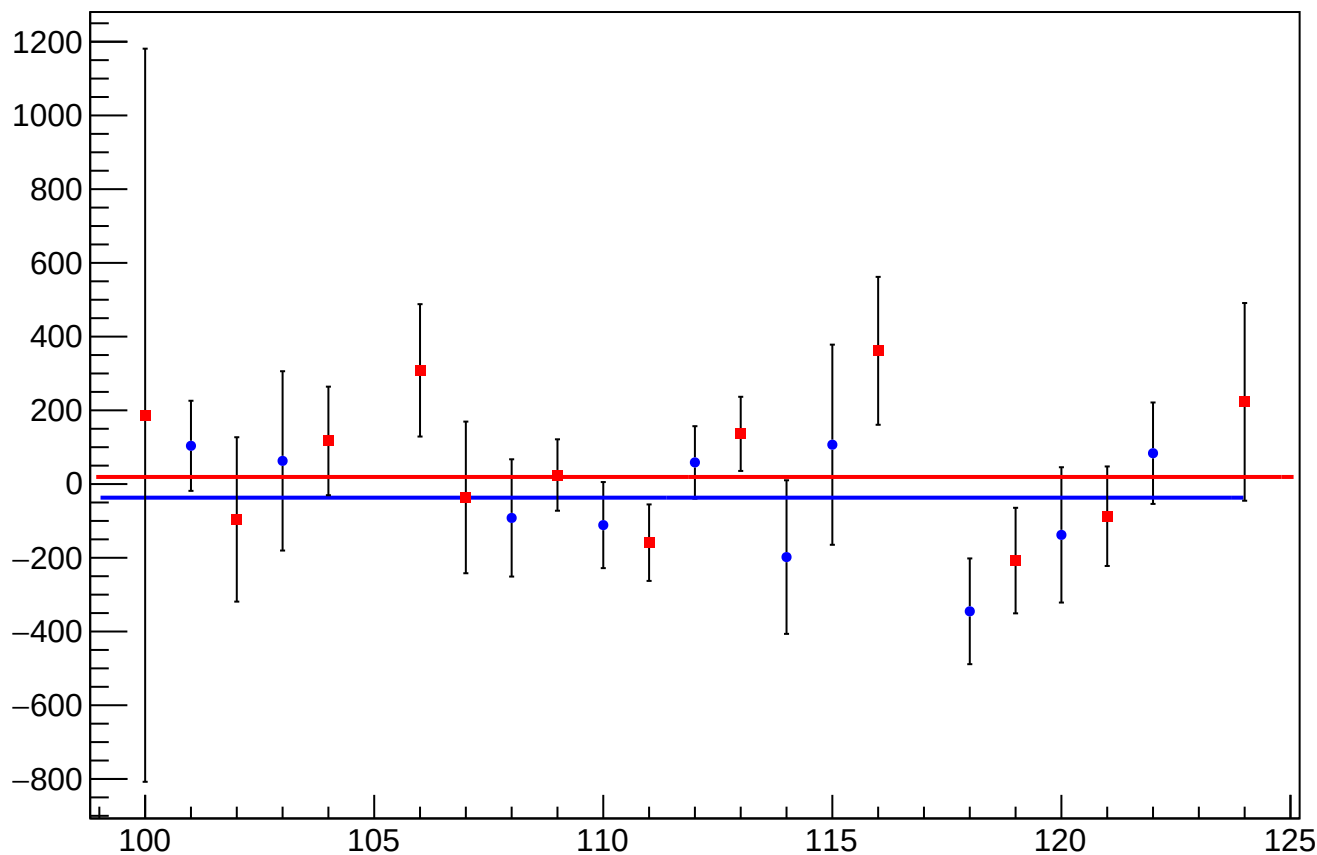
Right: 973.235+/-0.243 χ^2/NDF : 1336755.2/21

In: 998.438+/-0.364 χ^2/NDF : 648260.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 973.235+/-0.243 χ^2/NDF : 1336755.2/21

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -36.889 ± 46.223 χ^2/NDF : 9.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 19.268 ± 42.158 χ^2/NDF : 14.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

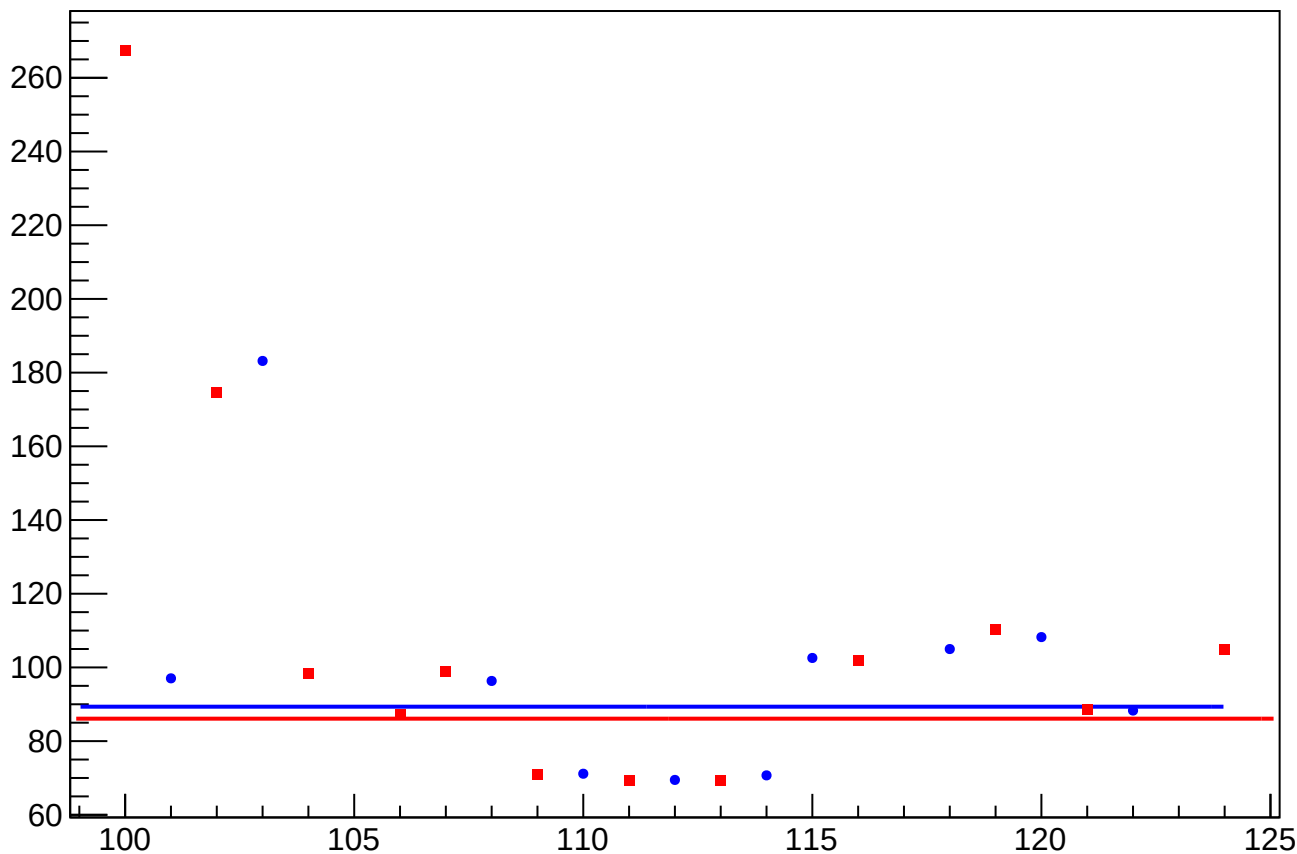
Right: -6.233 ± 31.148 χ^2/NDF : 24.7/21

In: -36.889 ± 46.223 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.233 ± 31.148 χ^2/NDF : 24.7/21

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.345+/-0.033 χ^2/NDF : 505614.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.094+/-0.030 χ^2/NDF : 641351.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

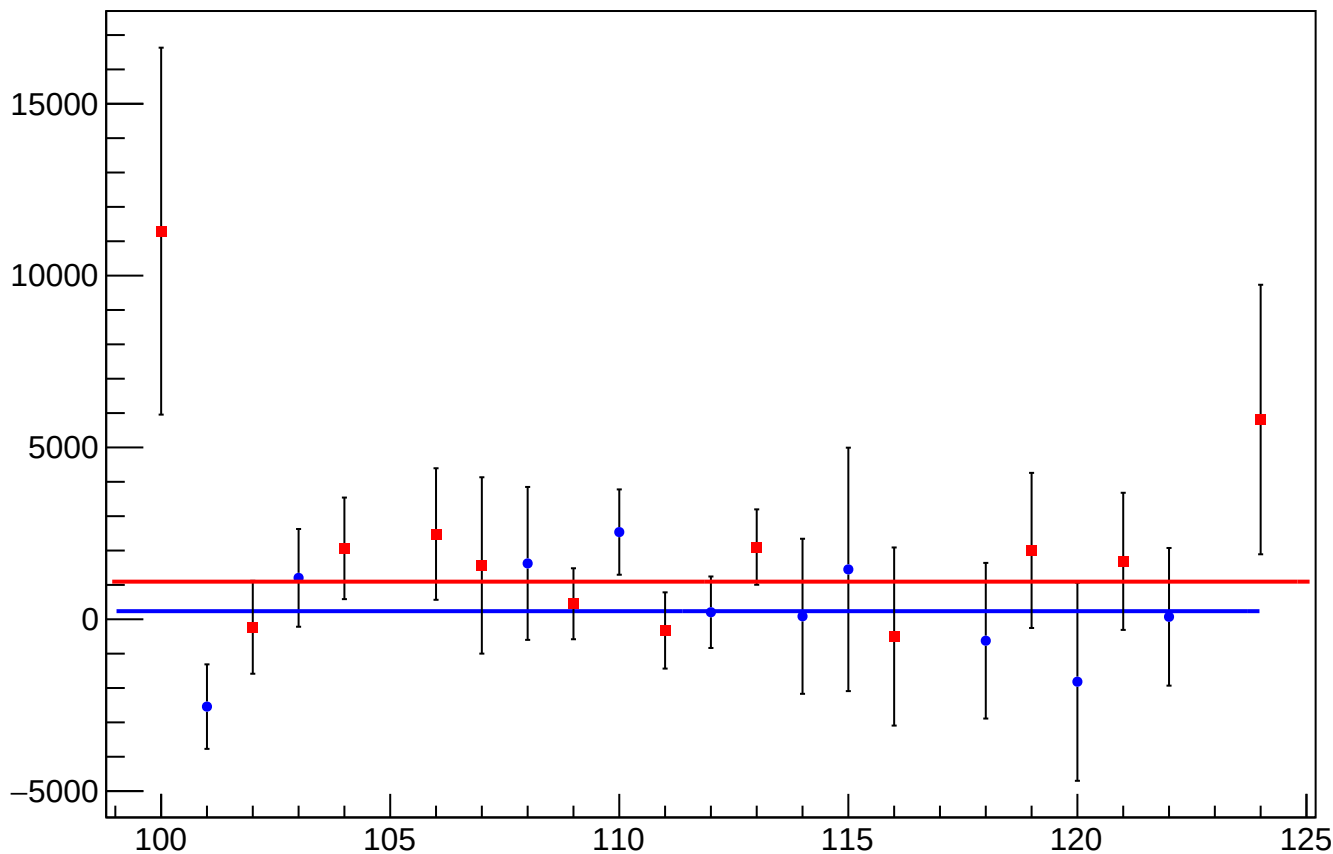
Right: 87.570+/-0.022 χ^2/NDF : 1152366.5/21

In: 89.345+/-0.033 χ^2/NDF : 505614.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.570+/-0.022 χ^2/NDF : 1152366.5/21

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 235.812 $\pm$ 514.937 χ^2 /NDF: 10.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1094.868 $\pm$ 460.868 χ^2 /NDF: 10.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

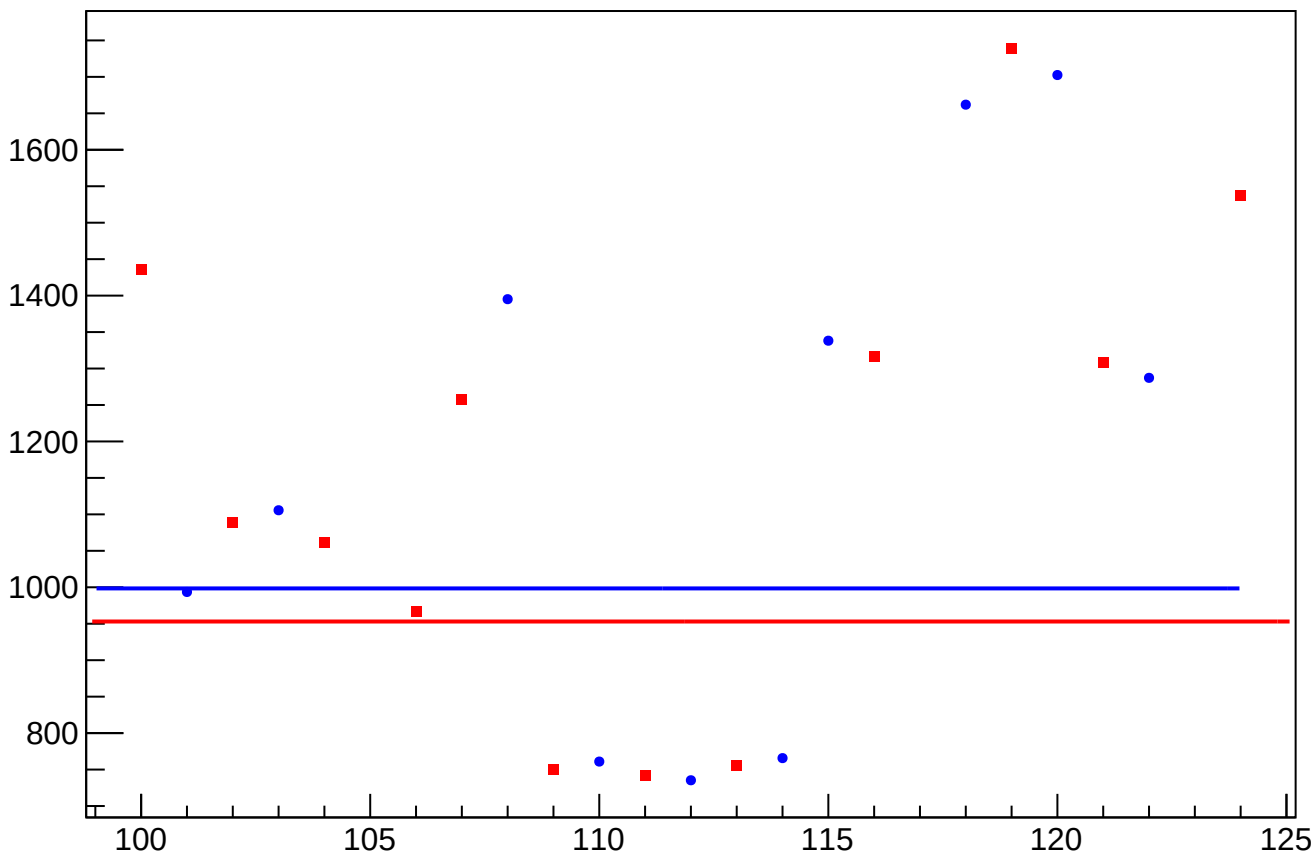
Right: 712.794 $\pm$ 343.413 χ^2 /NDF: 22.3/21

In: 235.812 $\pm$ 514.937 χ^2 /NDF:10.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 712.794 $\pm$ 343.413 χ^2 /NDF: 22.3/21

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 998.438+/-0.364 χ^2/NDF : 648260.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 953.047+/-0.326 χ^2/NDF : 679865.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

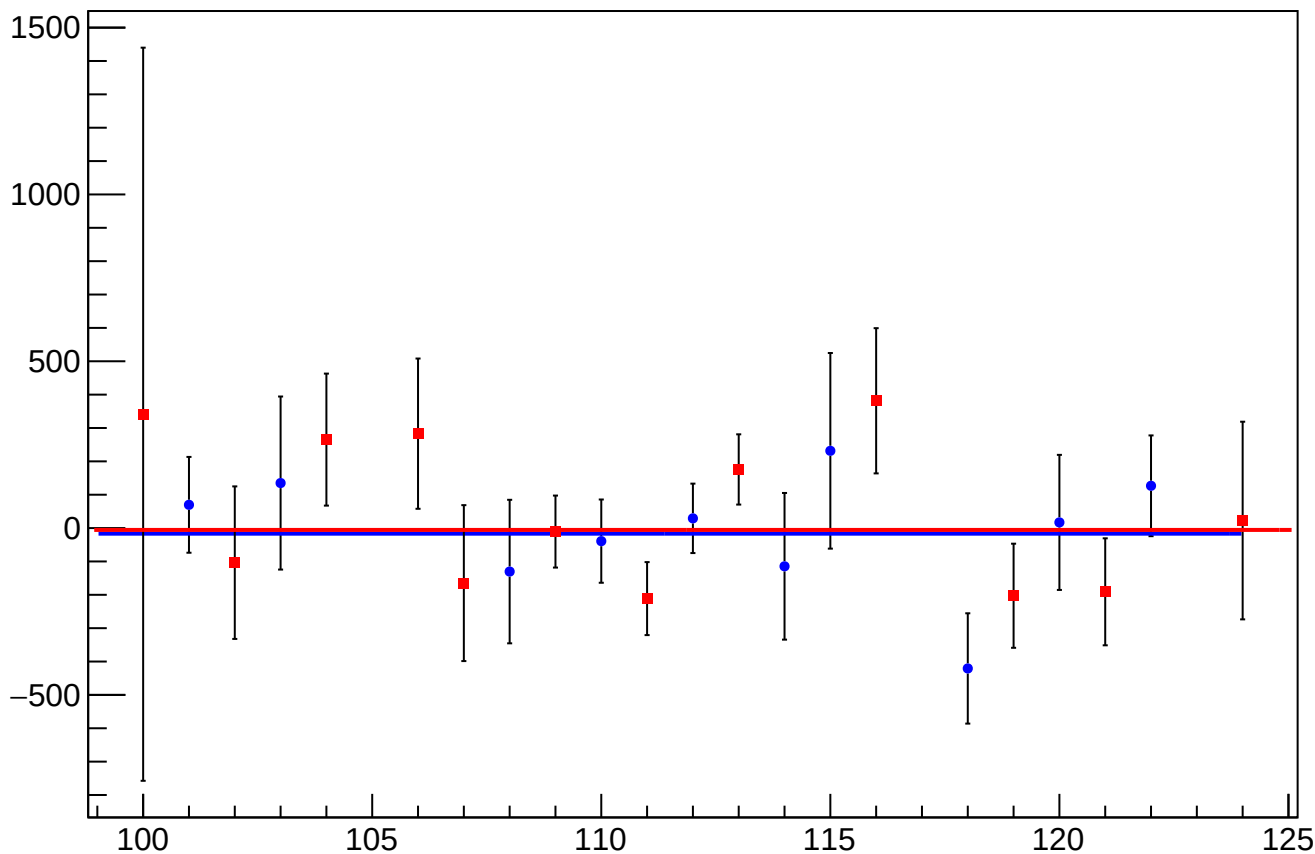
Right: 973.235+/-0.243 χ^2/NDF : 1336755.2/21

In: 998.438+/-0.364 χ^2/NDF :648260.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 973.235+/-0.243 χ^2/NDF : 1336755.2/21

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -16.736 ± 51.384 χ^2/NDF : 9.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.524 ± 46.846 χ^2/NDF : 16.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

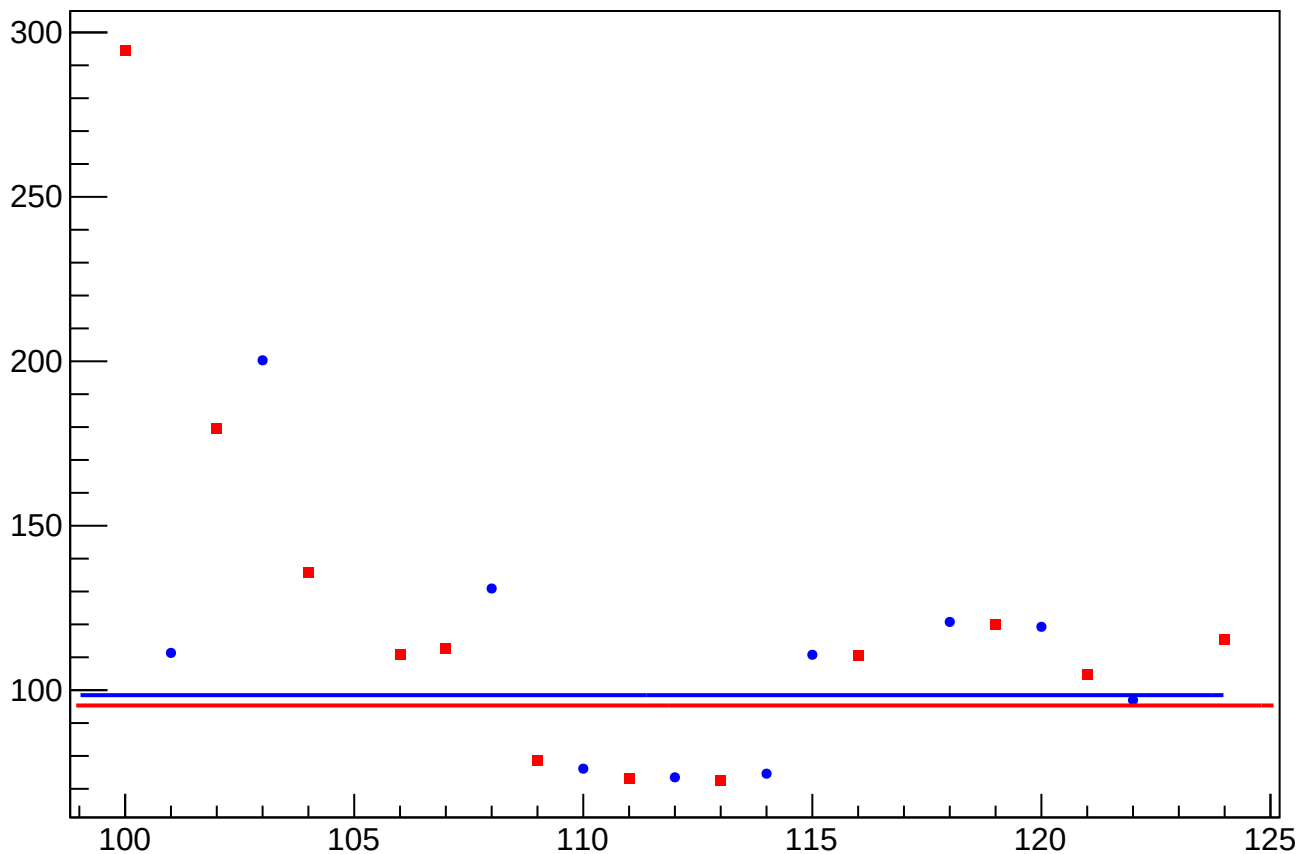
Right: -10.613 ± 34.618 χ^2/NDF : 25.9/21

In: -16.736 ± 51.384 χ^2/NDF : 9.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.613 ± 34.618 χ^2/NDF : 25.9/21

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 98.478+/-0.036 χ^2/NDF : 633941.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.347+/-0.033 χ^2/NDF : 743805.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

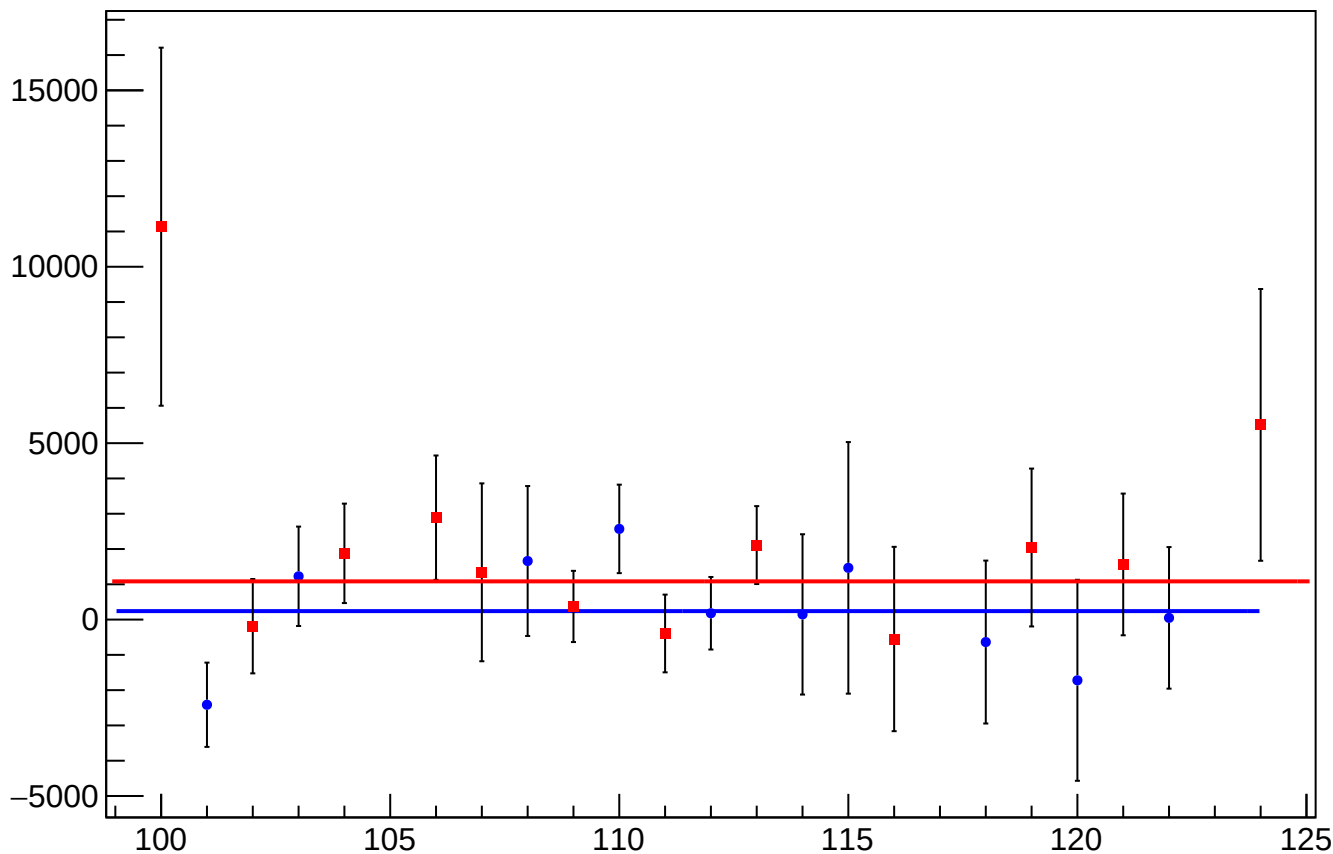
Right: 96.768+/-0.024 χ^2/NDF : 1381802.2/21

In: 98.478+/-0.036 χ^2/NDF : 633941.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.768+/-0.024 χ^2/NDF : 1381802.2/21

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.991 $\pm$ 510.270 χ^2 /NDF: 10.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1083.058 $\pm$ 453.173 χ^2 /NDF: 11.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

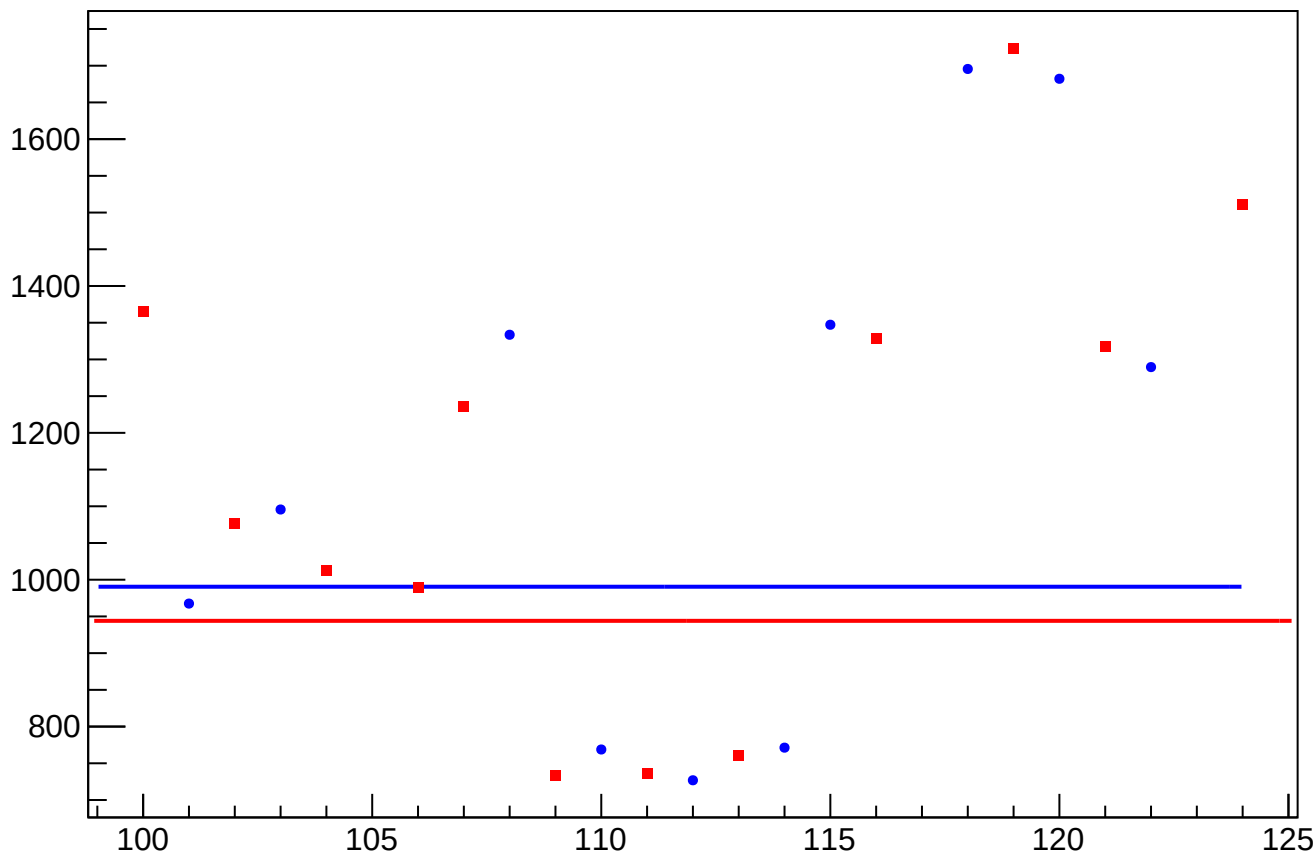
Right: 711.313 $\pm$ 338.838 χ^2 /NDF: 22.9/21

In: 239.991 $\pm$ 510.270 χ^2 /NDF:10.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 711.313 $\pm$ 338.838 χ^2 /NDF: 22.9/21

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 990.447+/-0.361 χ^2/NDF : 645634.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.991+/-0.320 χ^2/NDF : 678085.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

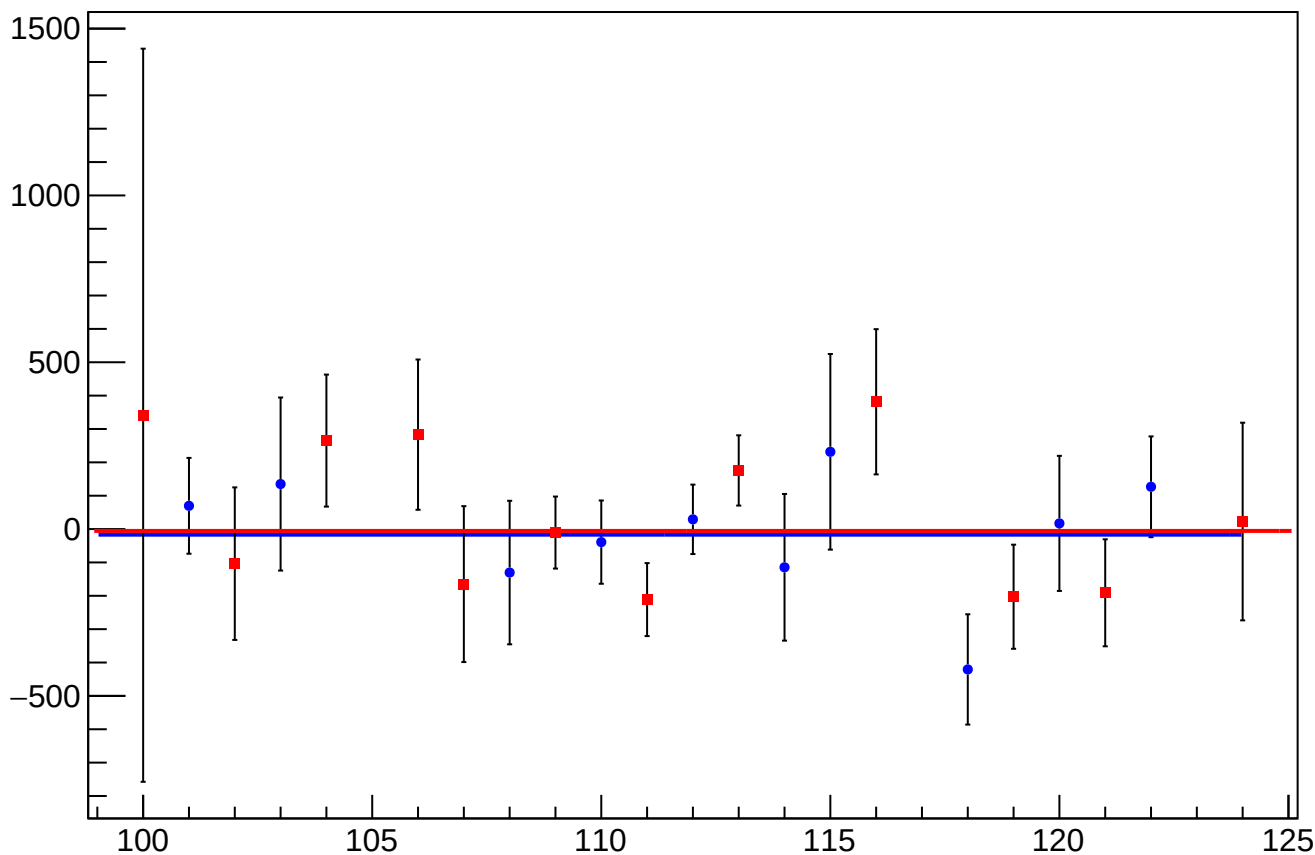
Right: 964.475+/-0.240 χ^2/NDF : 1332988.0/21

In: 990.447+/-0.361 χ^2/NDF : 645634.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.475+/-0.240 χ^2/NDF : 1332988.0/21

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -16.736 $\pm$ 51.384 χ^2 /NDF: 9.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.526 $\pm$ 46.846 χ^2 /NDF: 16.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

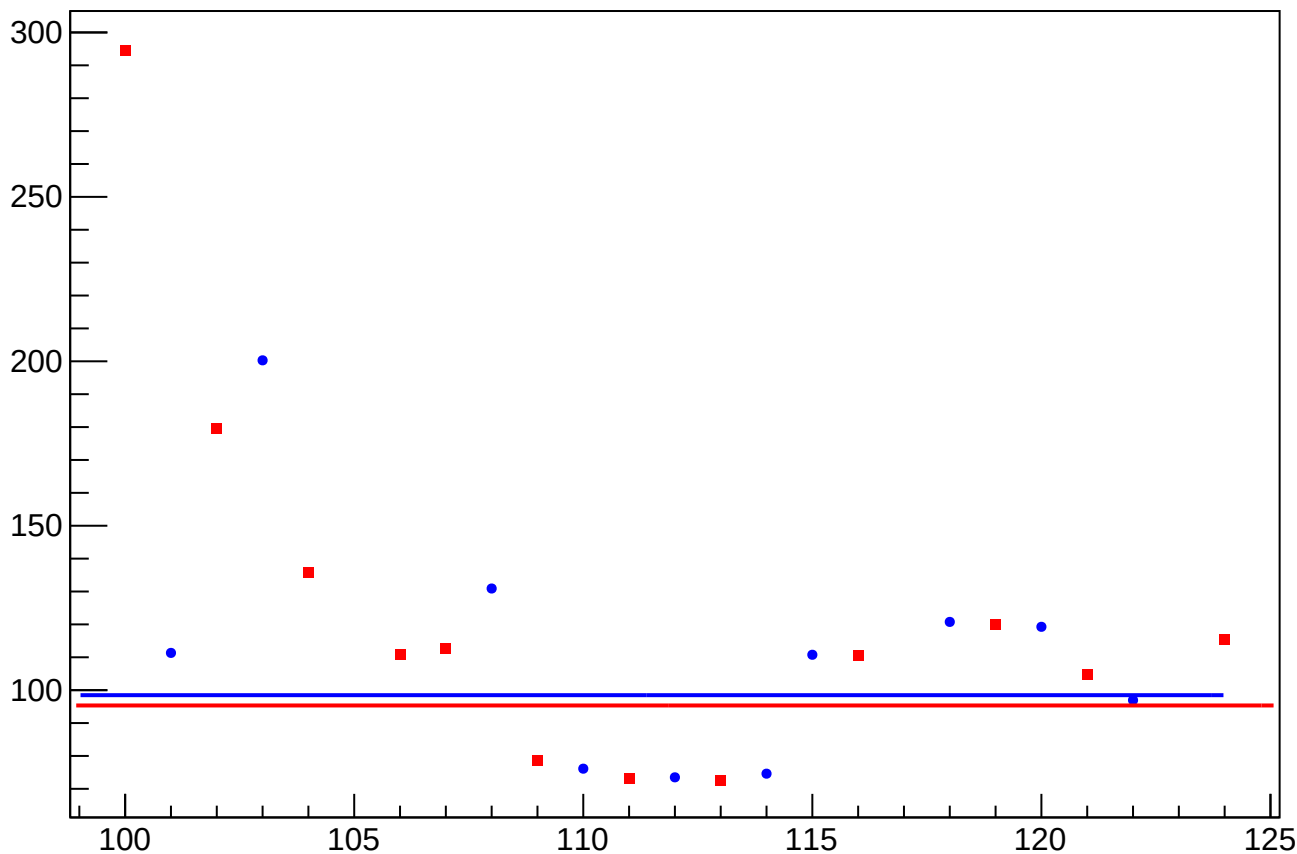
Right: -10.614 $\pm$ 34.618 χ^2 /NDF: 25.9/21

In: -16.736 $\pm$ 51.384 χ^2 /NDF:9.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.614 $\pm$ 34.618 χ^2 /NDF: 25.9/21

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 98.478+/-0.036 χ^2/NDF : 633942.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.347+/-0.033 χ^2/NDF : 743806.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

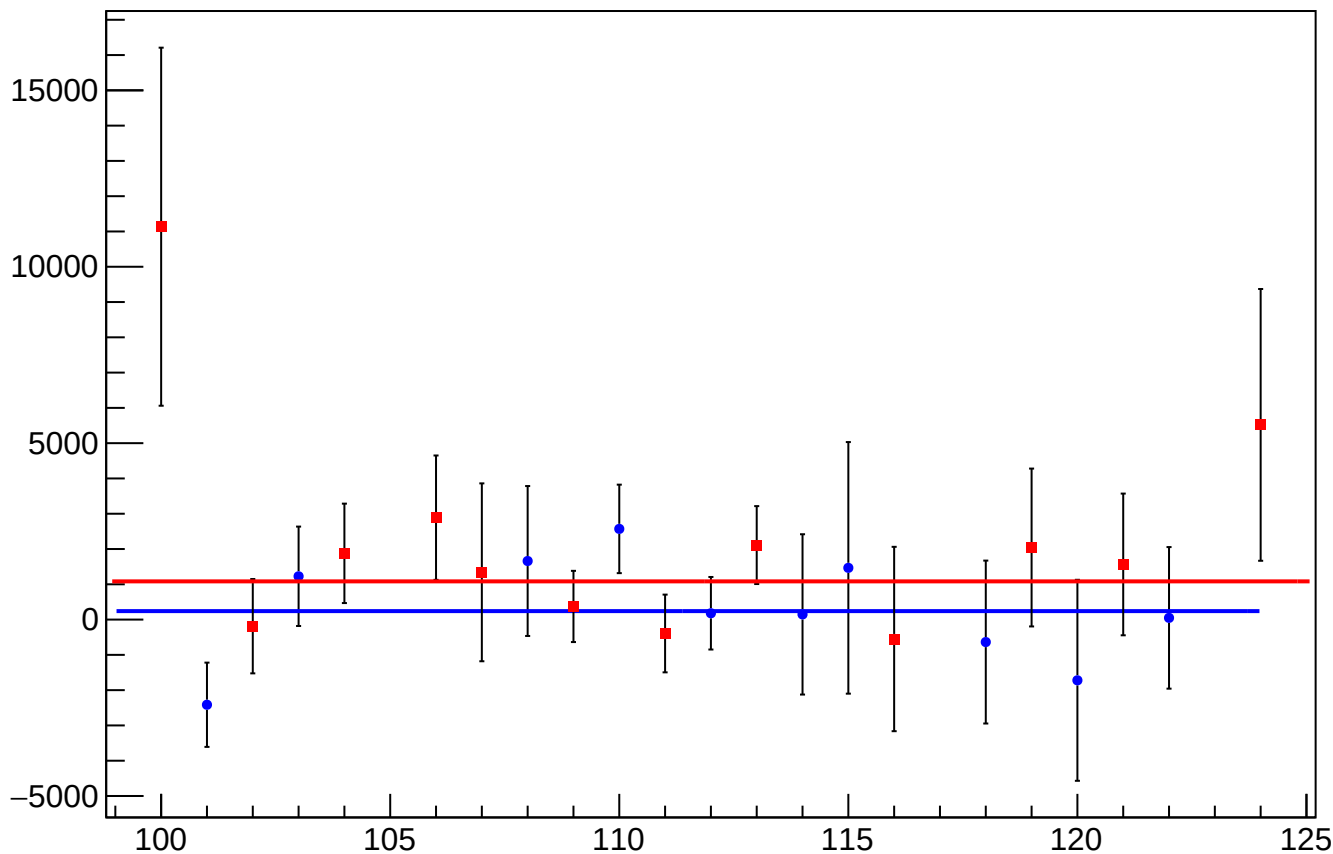
Right: 96.769+/-0.024 χ^2/NDF : 1381804.8/21

In: 98.478+/-0.036 χ^2/NDF : 633942.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.769+/-0.024 χ^2/NDF : 1381804.8/21

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.990 $\pm$ 510.269 χ^2 /NDF: 10.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1083.056 $\pm$ 453.172 χ^2 /NDF: 11.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

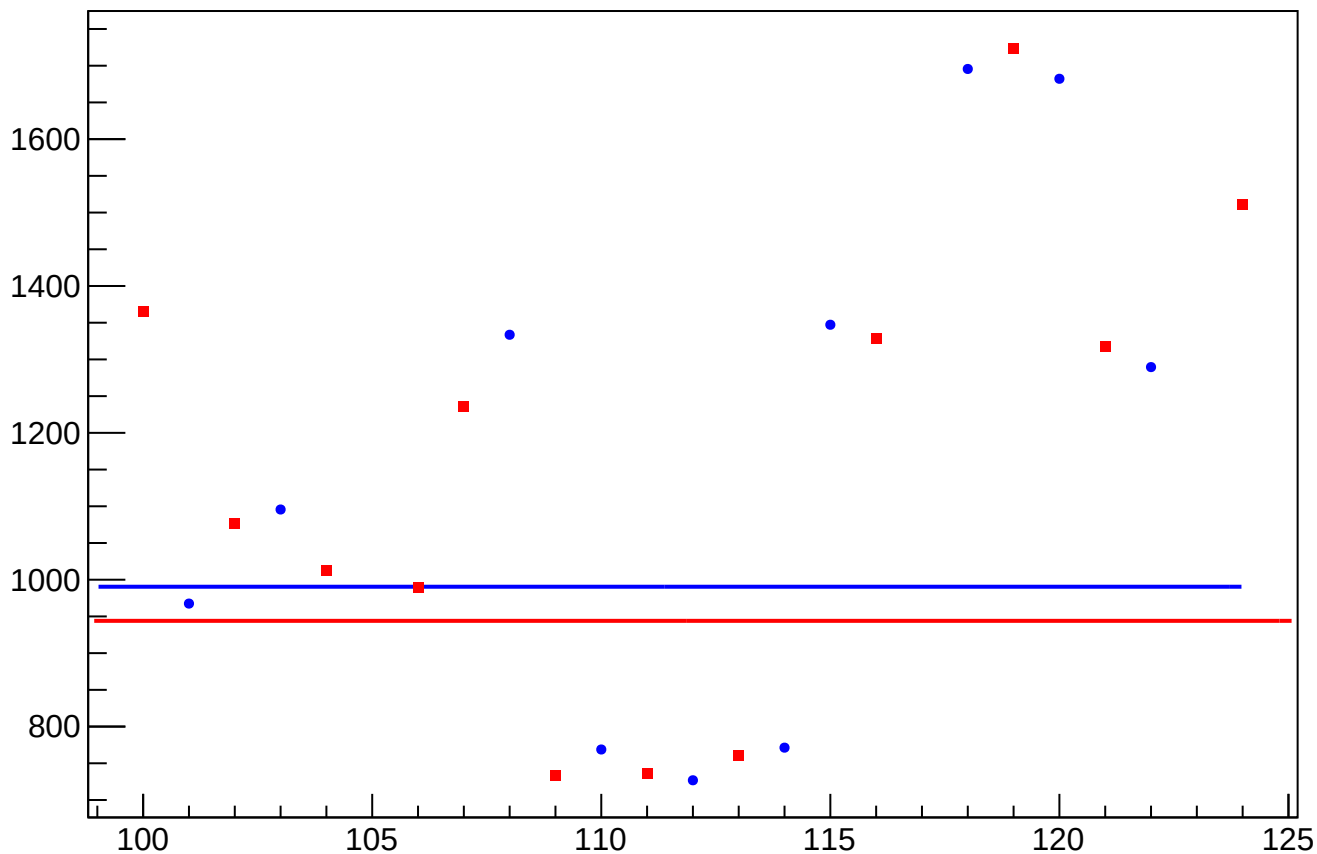
Right: 711.311 $\pm$ 338.837 χ^2 /NDF: 22.9/21

In: 239.990 $\pm$ 510.269 χ^2 /NDF:10.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 711.311 $\pm$ 338.837 χ^2 /NDF: 22.9/21

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 990.445+/-0.361 χ^2/NDF : 645638.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.989+/-0.320 χ^2/NDF : 678087.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

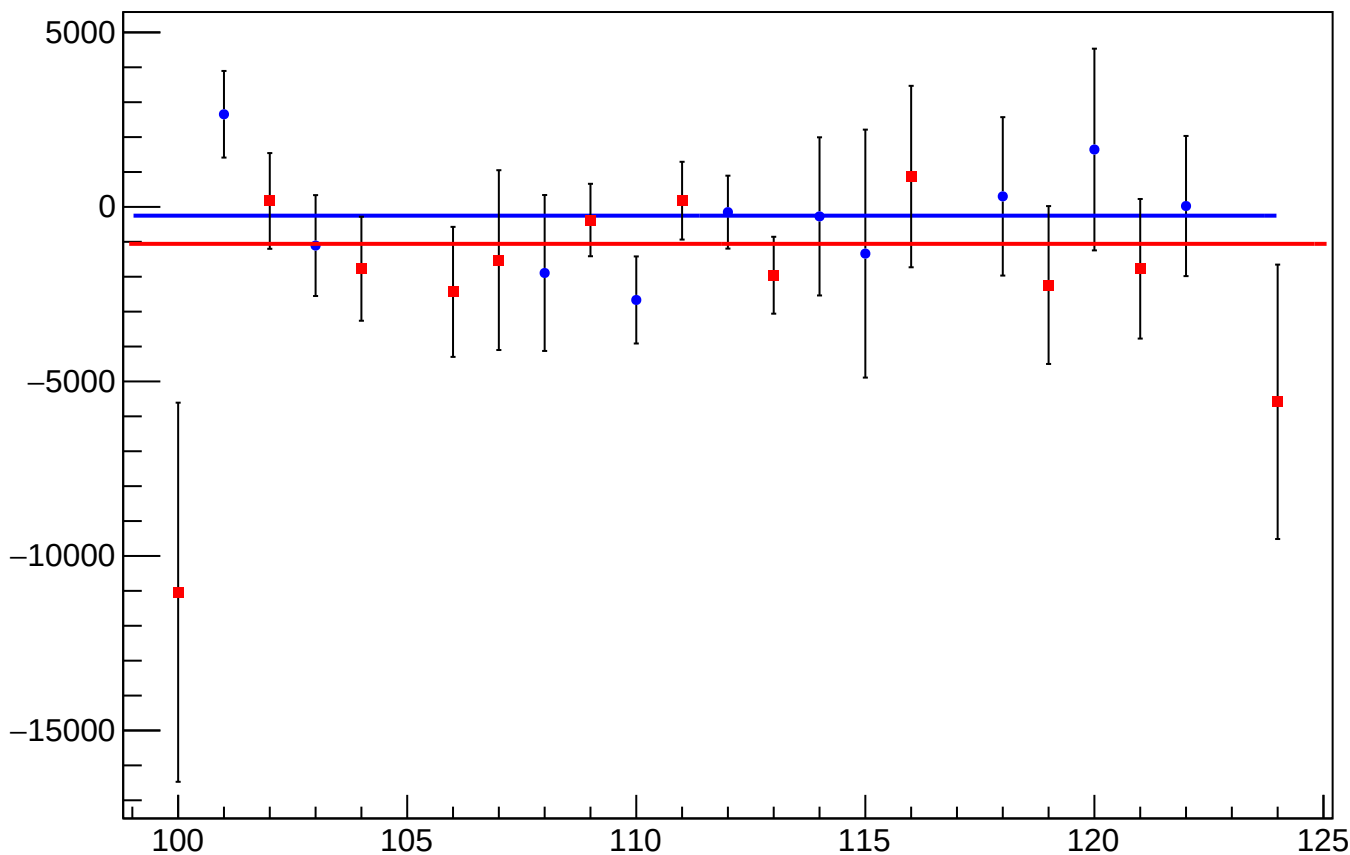
Right: 964.474+/-0.240 χ^2/NDF : 1332993.4/21

In: 990.445+/-0.361 χ^2/NDF : 645638.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.474+/-0.240 χ^2/NDF : 1332993.4/21

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -250.700+/-518.232 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1058.199+/-462.667 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

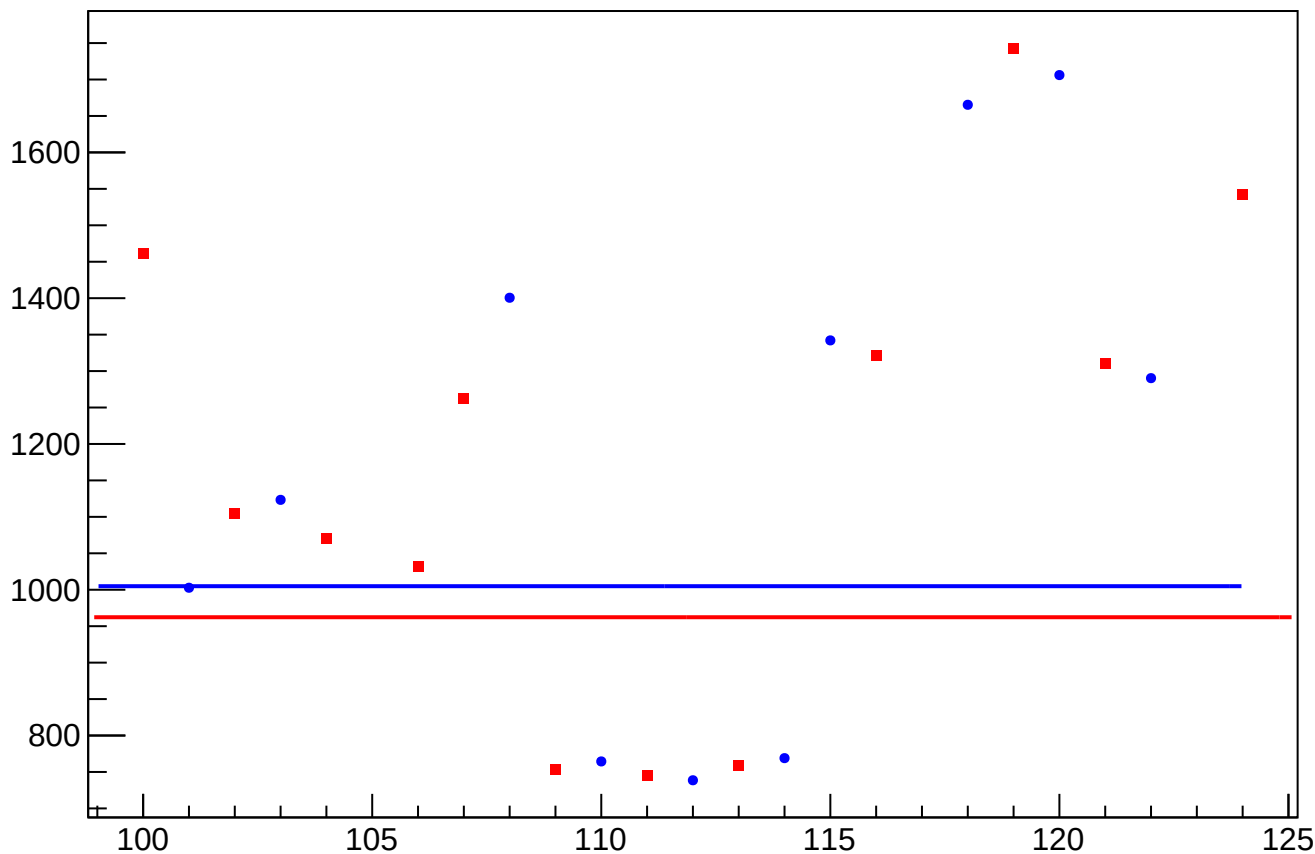
Right: -700.045+/-345.134 χ^2/NDF : 21.7/21

In: -250.700+/-518.232 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.045+/-345.134 χ^2/NDF : 21.7/21

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1004.870+/-0.366 χ^2/NDF : 647720.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.285+/-0.327 χ^2/NDF : 684260.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

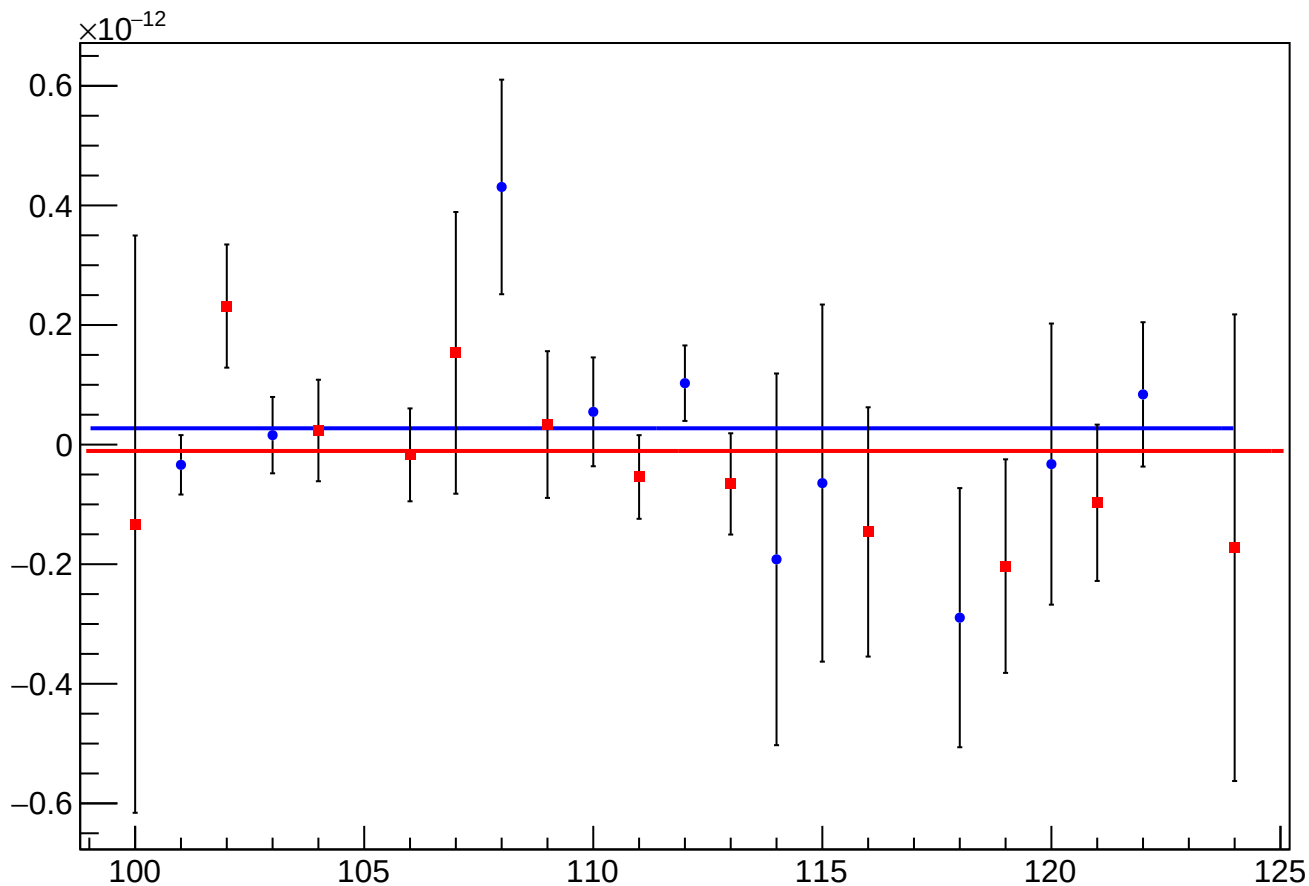
Right: 981.173+/-0.244 χ^2/NDF : 1339496.7/21

In: 1004.870+/-0.366 χ^2/NDF : 647720.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.173+/-0.244 χ^2/NDF : 1339496.7/21

asym_sam_3748_avg_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 : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

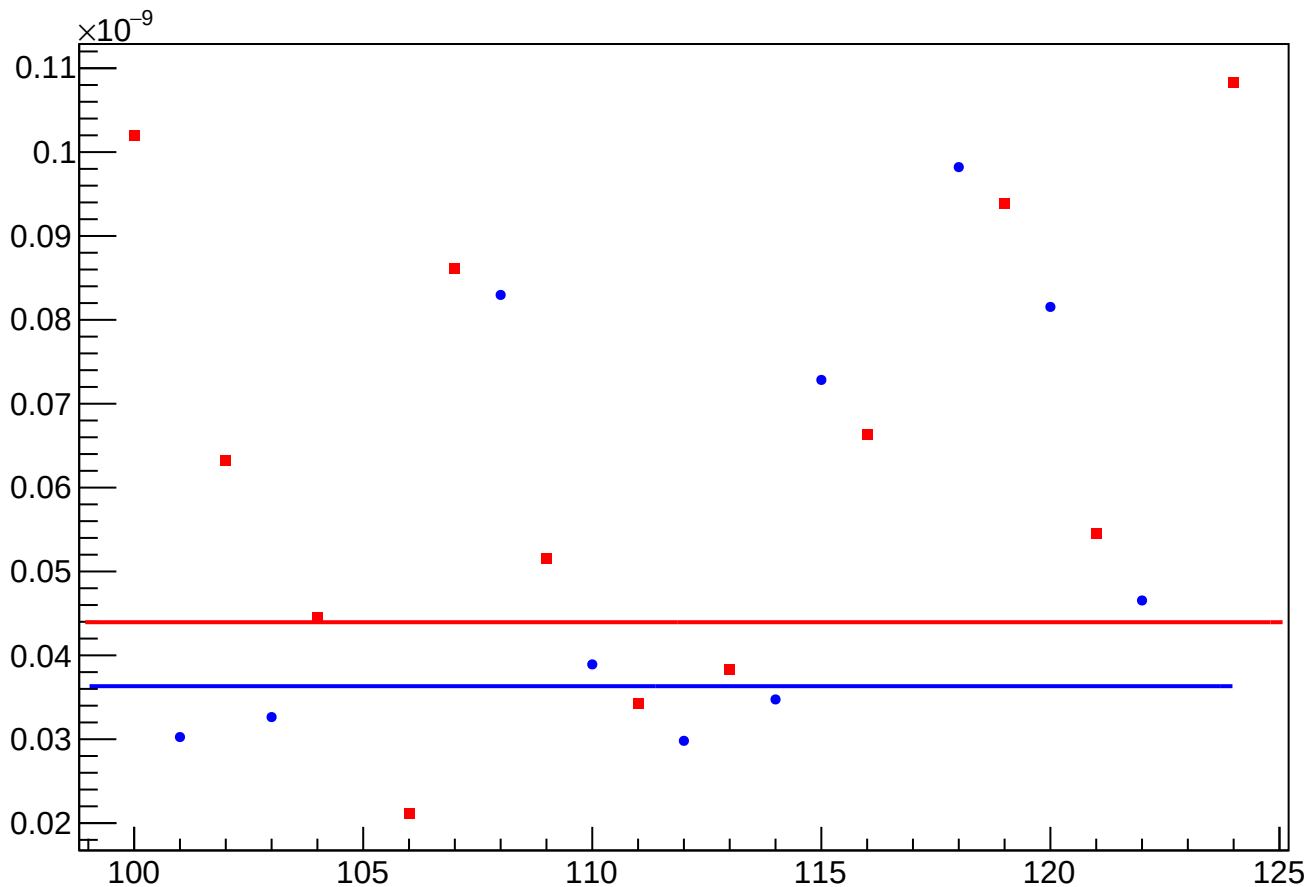
Right: 0.000+/-0.000 χ^2/NDF : 21.3/21

In: 0.000+/-0.000 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.3/21

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 475970.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 636762.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

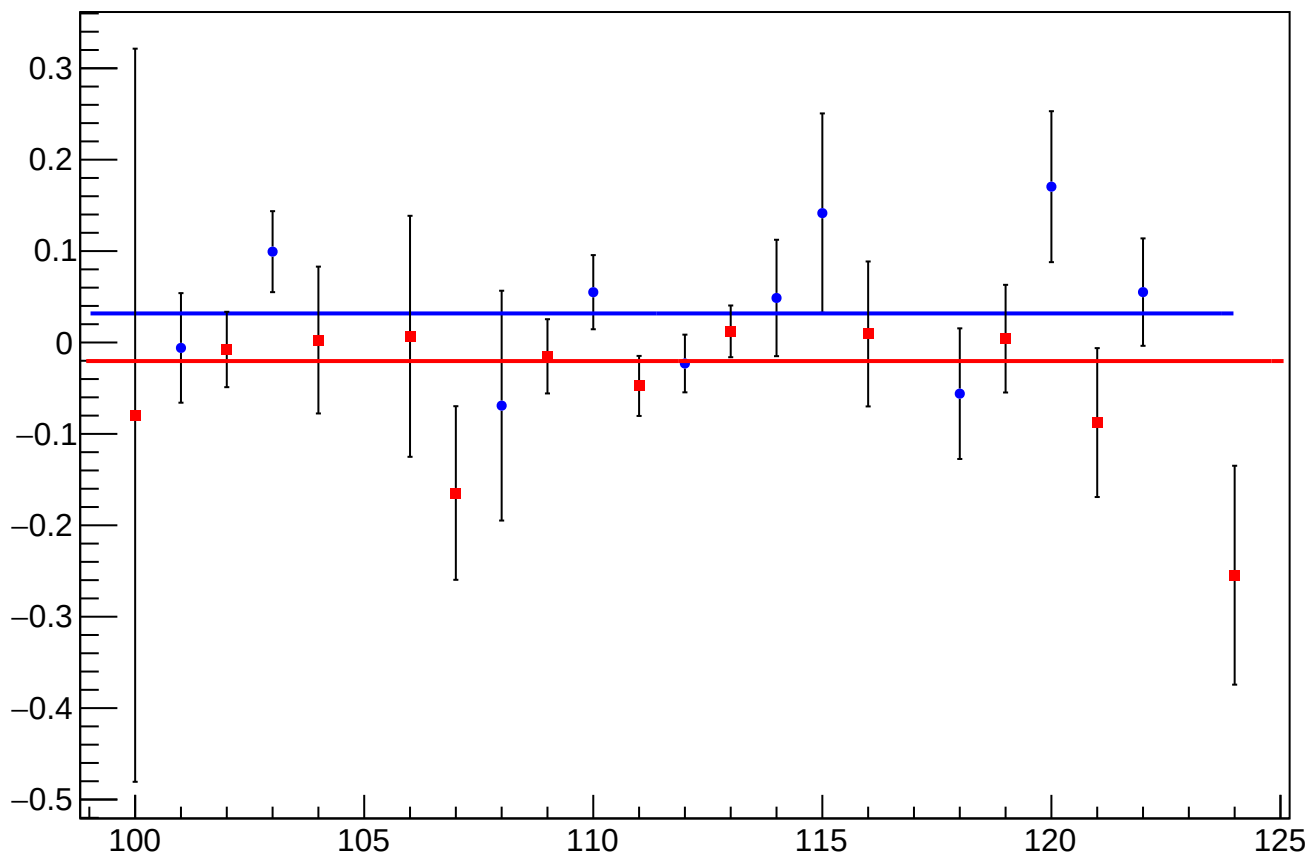
Right: 0.000+/-0.000 χ^2/NDF : 1174041.6/21

In: 0.000+/-0.000 χ^2/NDF : 475970.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1174041.6/21

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.015 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

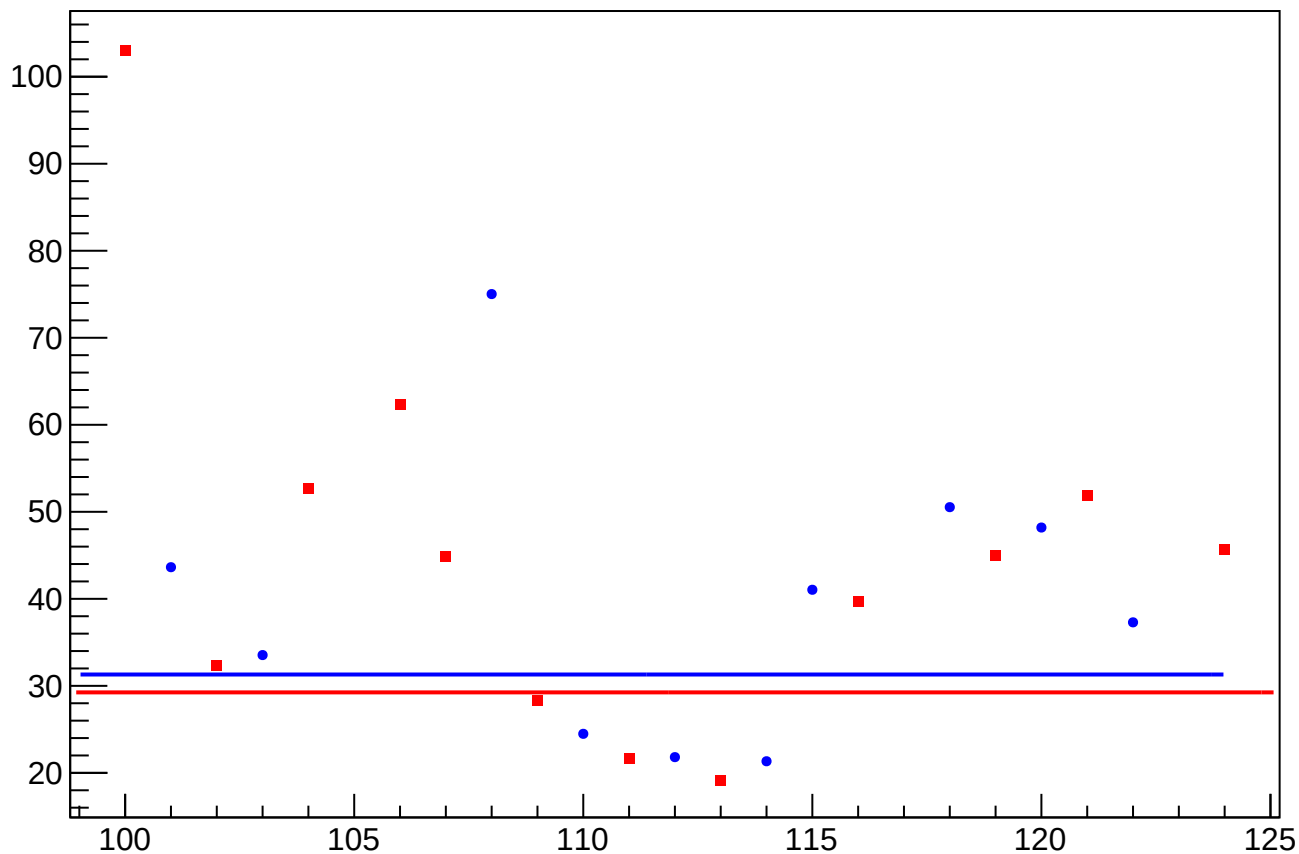
Right: 0.003+/-0.011 χ^2/NDF : 26.9/21

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.011 χ^2/NDF : 26.9/21

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.304+/-0.012 χ^2/NDF : 883449.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.250+/-0.011 χ^2/NDF : 1162334.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

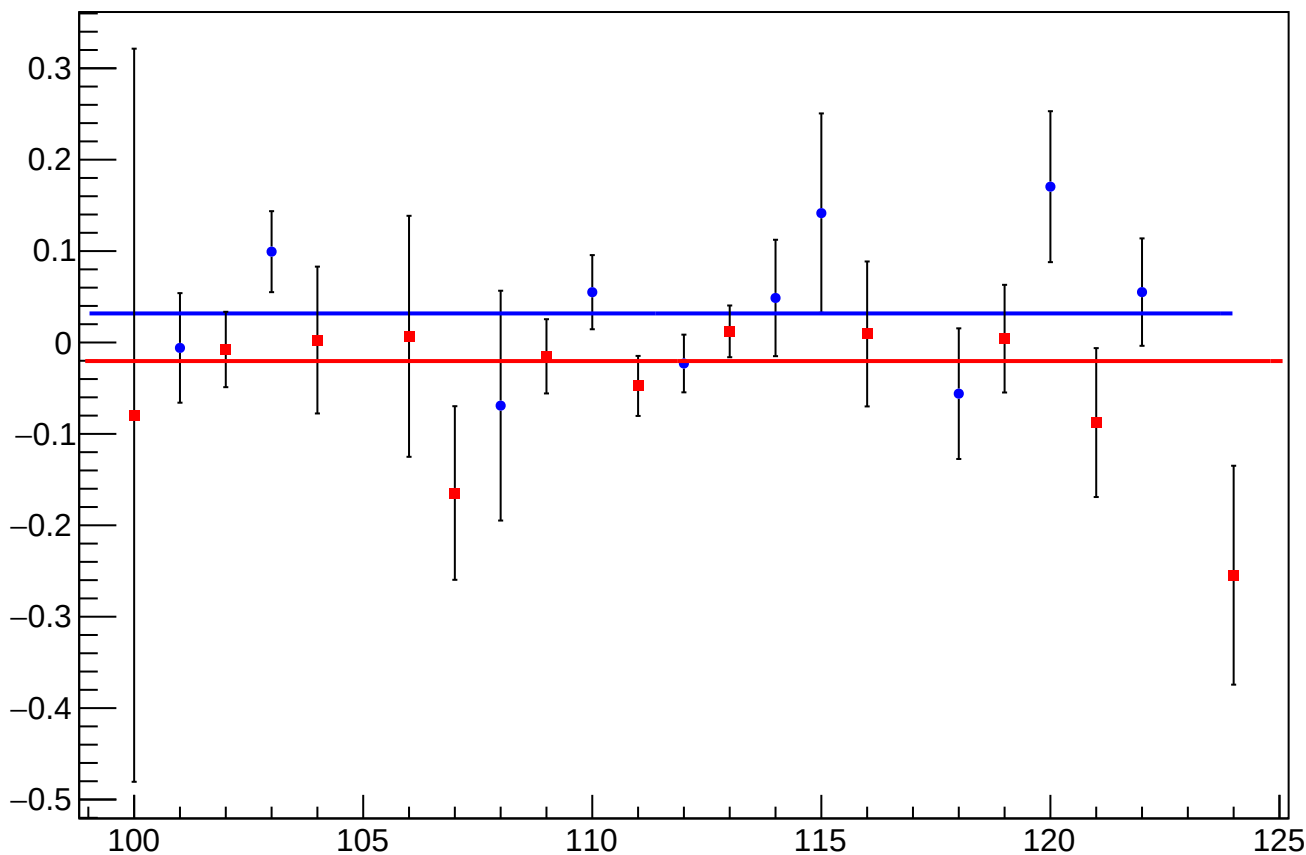
Right: 30.152+/-0.008 χ^2/NDF : 2061987.6/21

In: 31.304+/-0.012 χ^2/NDF : 883449.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.152+/-0.008 χ^2/NDF : 2061987.6/21

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.015 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

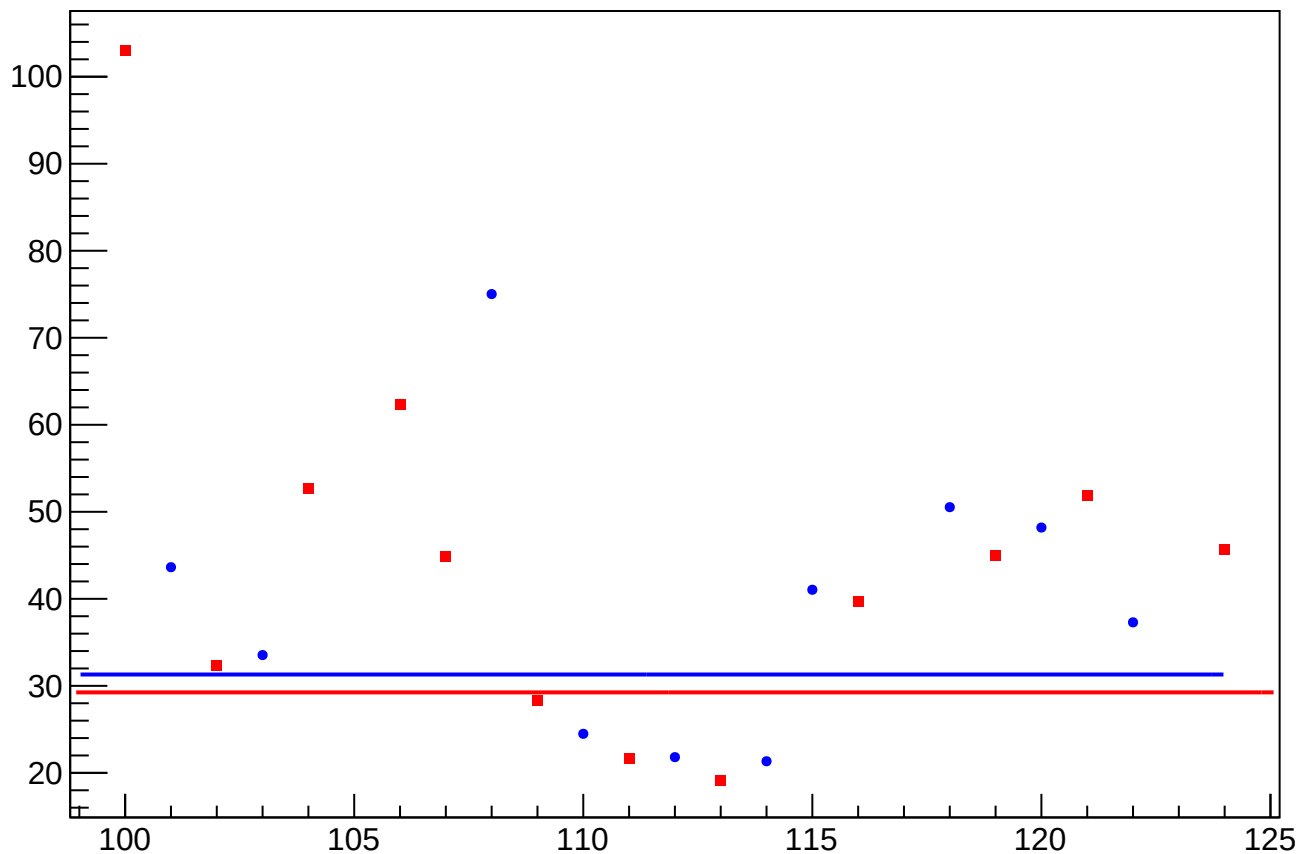
Right: 0.003+/-0.011 χ^2/NDF : 26.9/21

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.011 χ^2/NDF : 26.9/21

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.304+/-0.012 χ^2/NDF : 883449.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.250+/-0.011 χ^2/NDF : 1162334.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

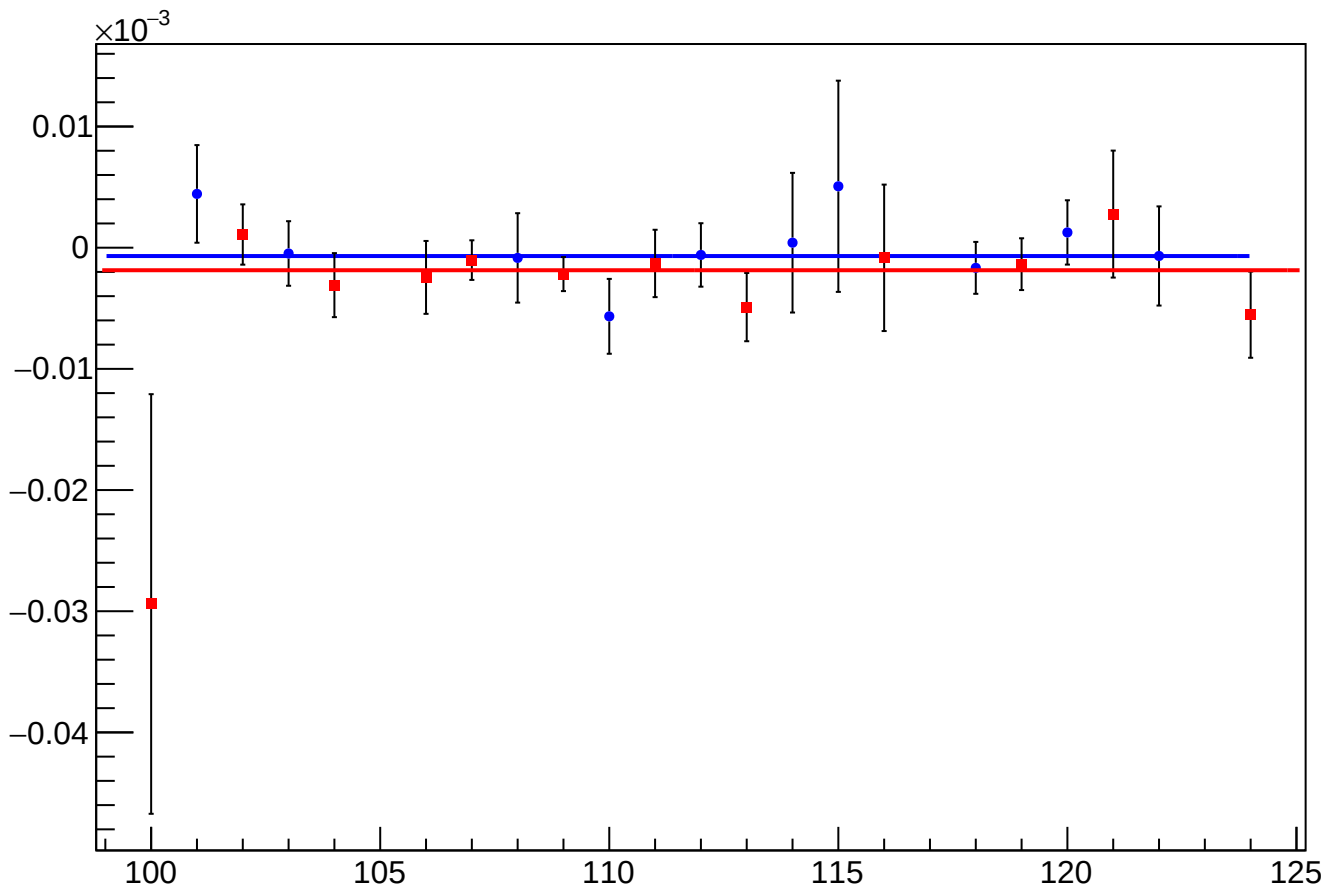
Right: 30.152+/-0.008 χ^2/NDF : 2061987.6/21

In: 31.304+/-0.012 χ^2/NDF : 883449.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.152+/-0.008 χ^2/NDF : 2061987.6/21

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

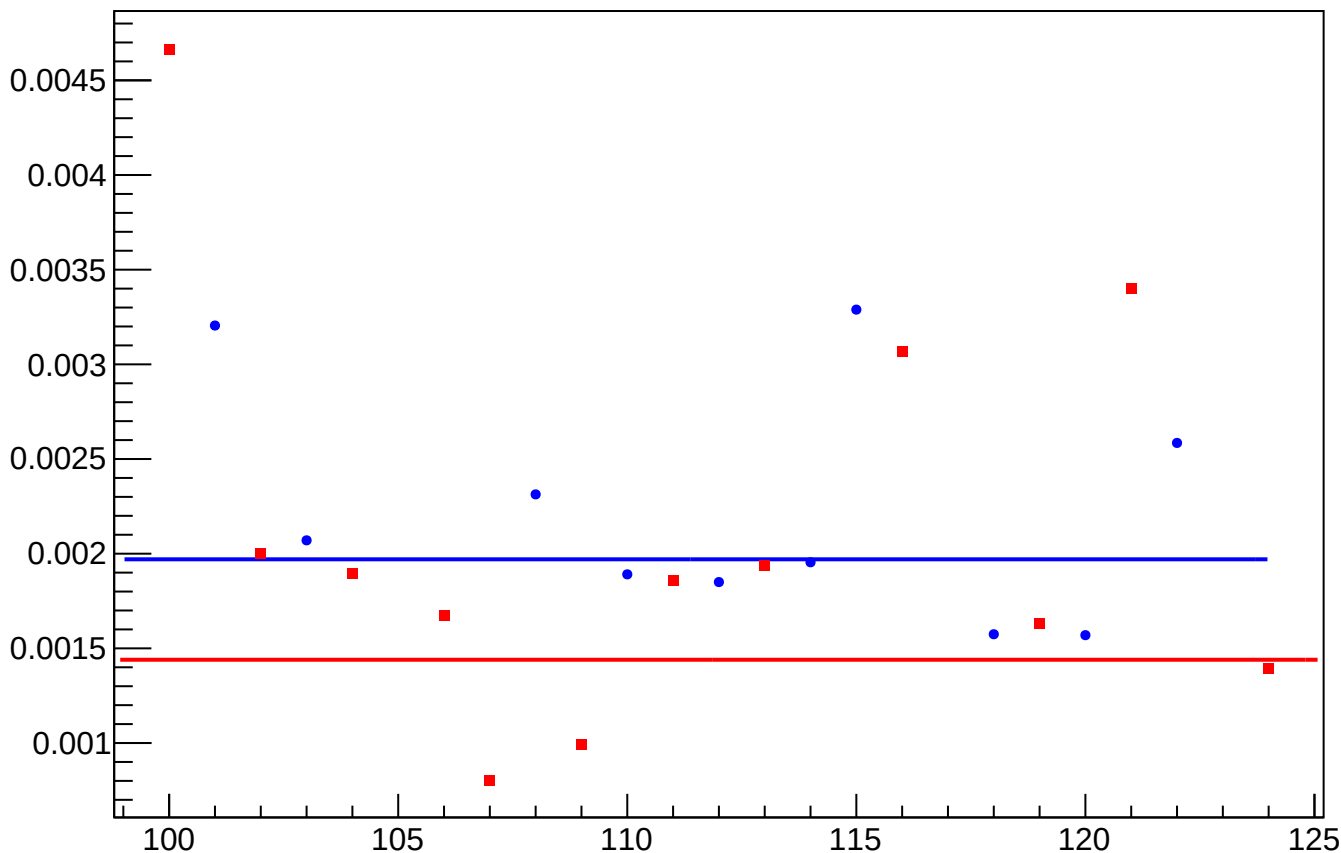
Right: -0.000+/-0.000 χ^2 /NDF: 14.0/21

In: -0.000+/-0.000 χ^2 /NDF:5.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.0/21

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 418327.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1299720.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

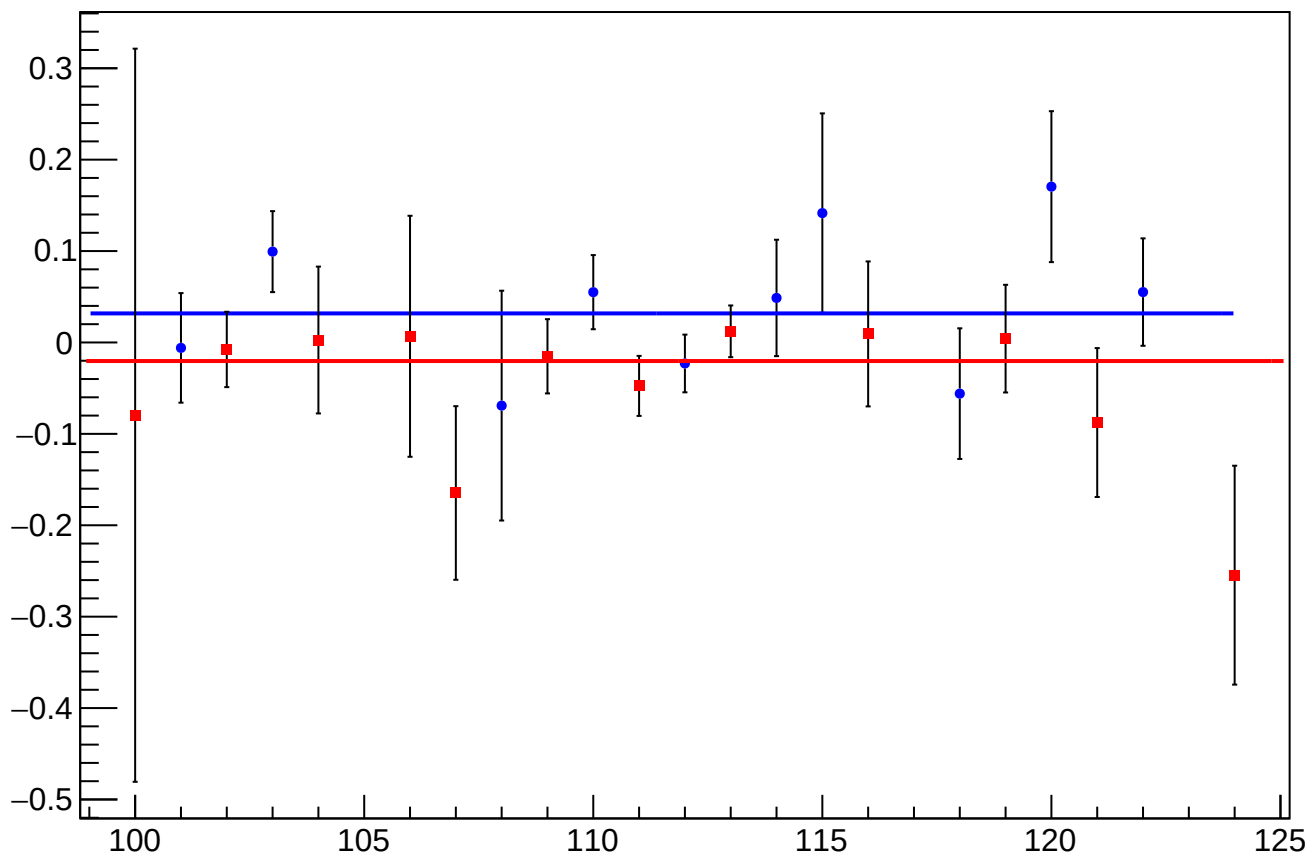
Right: 0.002+/-0.000 χ^2/NDF : 2085427.5/21

In: 0.002+/-0.000 χ^2/NDF :418327.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2085427.5/21

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.015 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

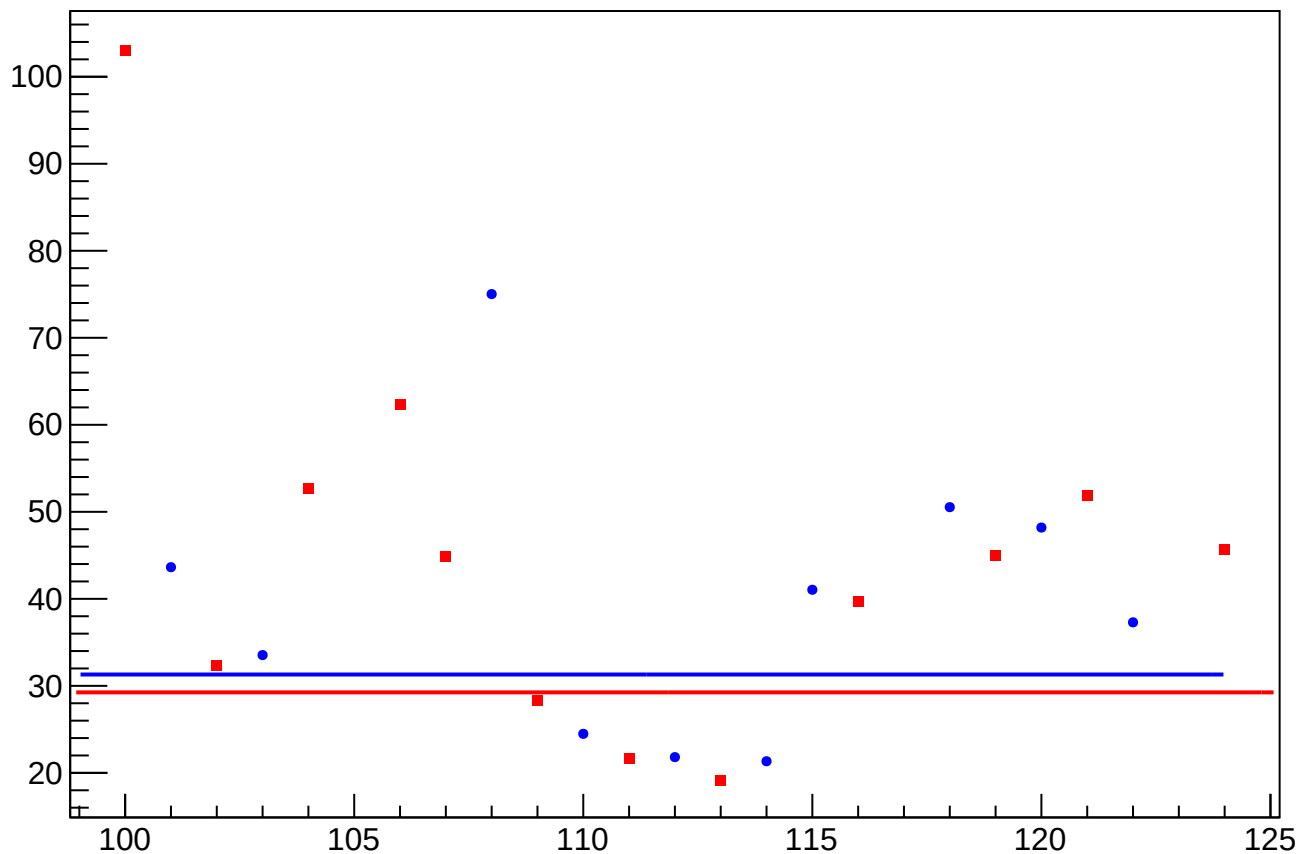
Right: 0.003+/-0.011 χ^2/NDF : 26.9/21

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.011 χ^2/NDF : 26.9/21

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.304+/-0.012 χ^2/NDF : 883441.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.250+/-0.011 χ^2/NDF : 1162321.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

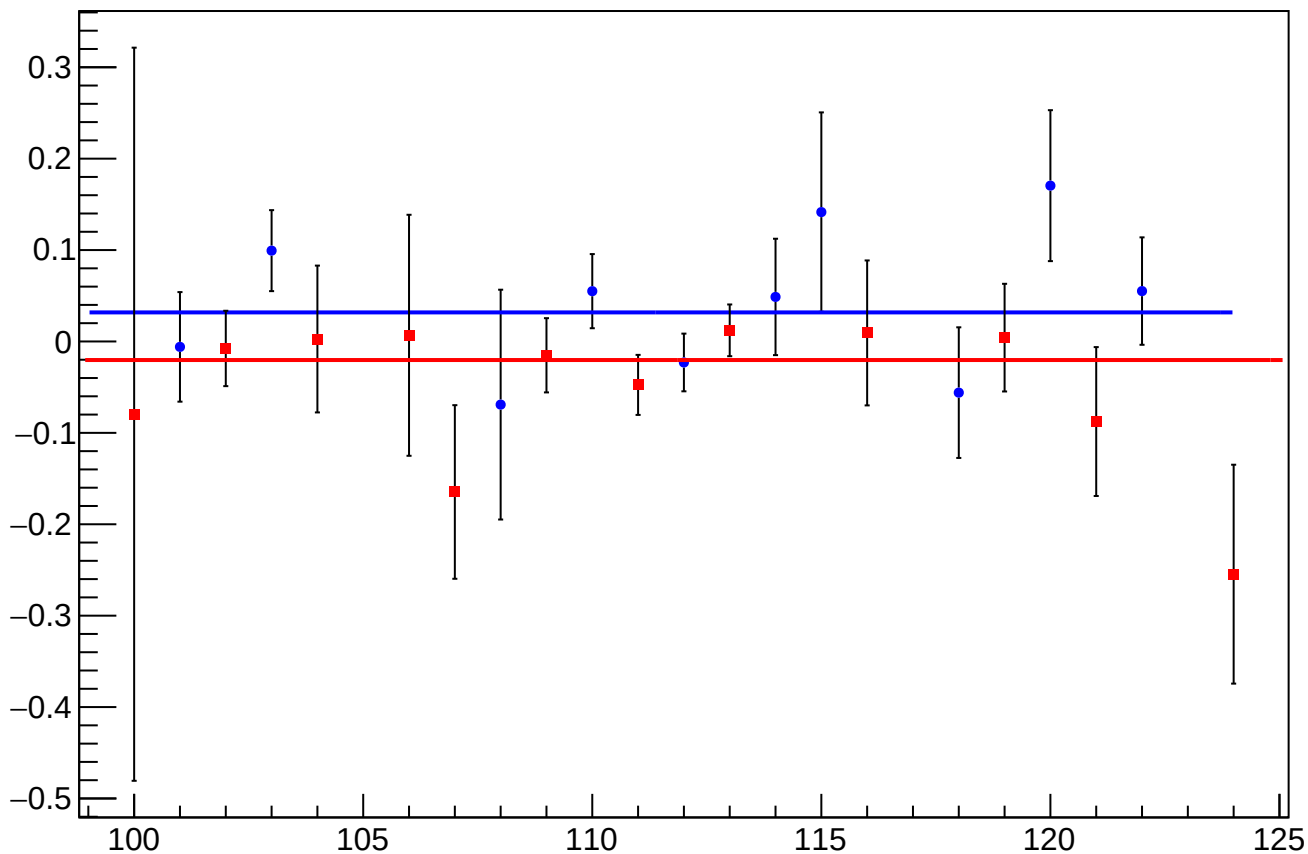
Right: 30.153+/-0.008 χ^2/NDF : 2061967.8/21

In: 31.304+/-0.012 χ^2/NDF : 883441.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.153+/-0.008 χ^2/NDF : 2061967.8/21

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.015 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

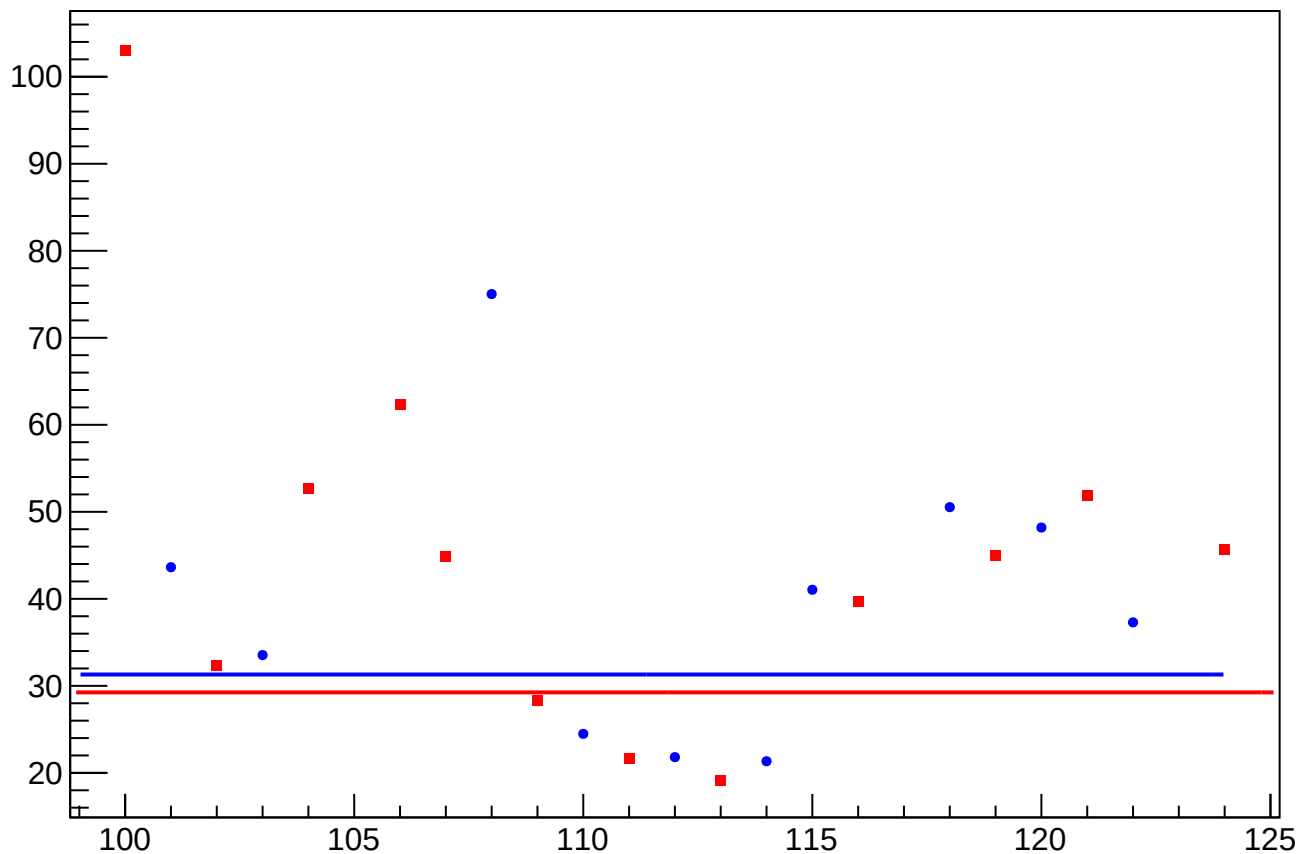
Right: 0.003+/-0.011 χ^2/NDF : 26.9/21

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.011 χ^2/NDF : 26.9/21

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.304+/-0.012 χ^2/NDF : 883441.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.250+/-0.011 χ^2/NDF : 1162321.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

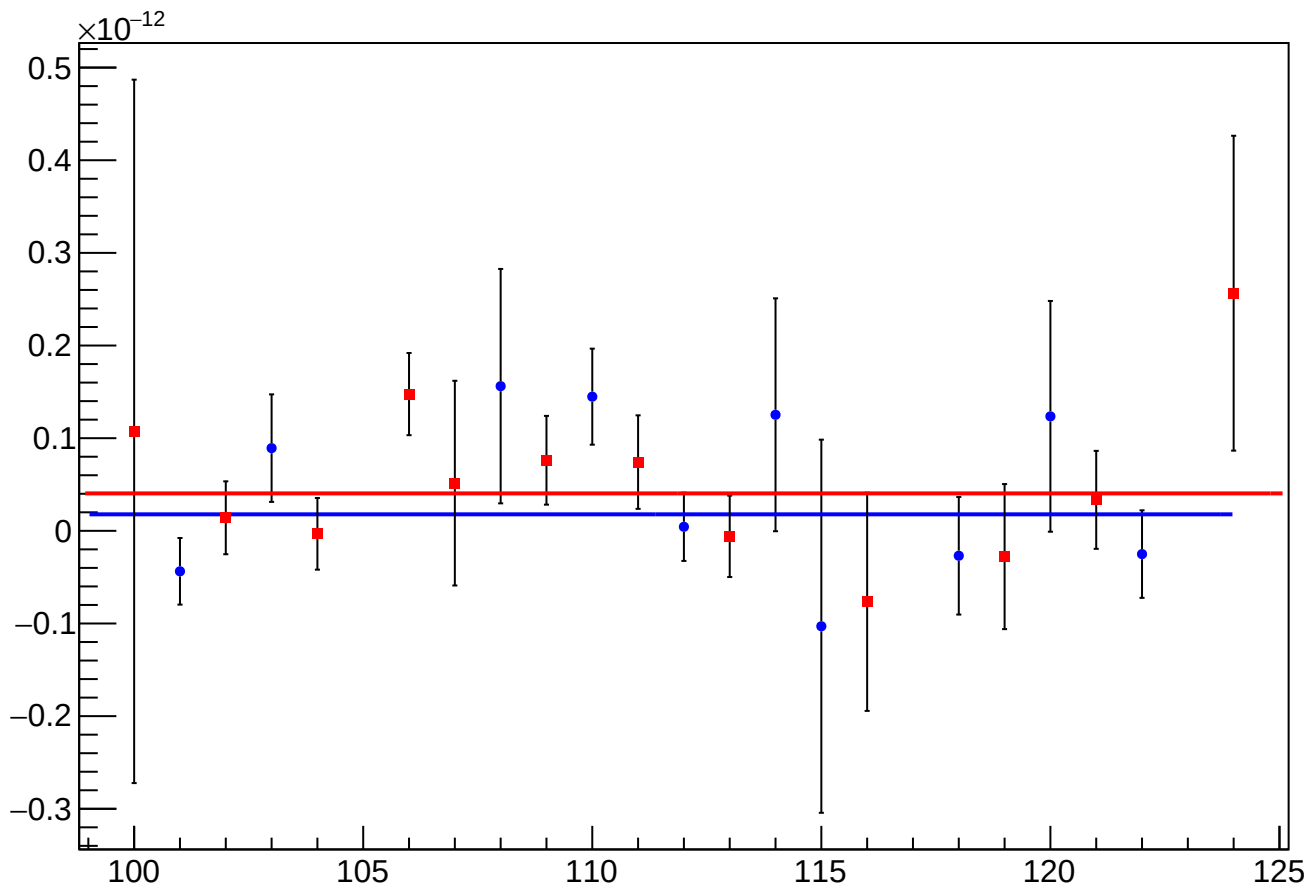
Right: 30.153+/-0.008 χ^2/NDF : 2061967.8/21

In: 31.304+/-0.012 χ^2/NDF : 883441.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.153+/-0.008 χ^2/NDF : 2061967.8/21

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

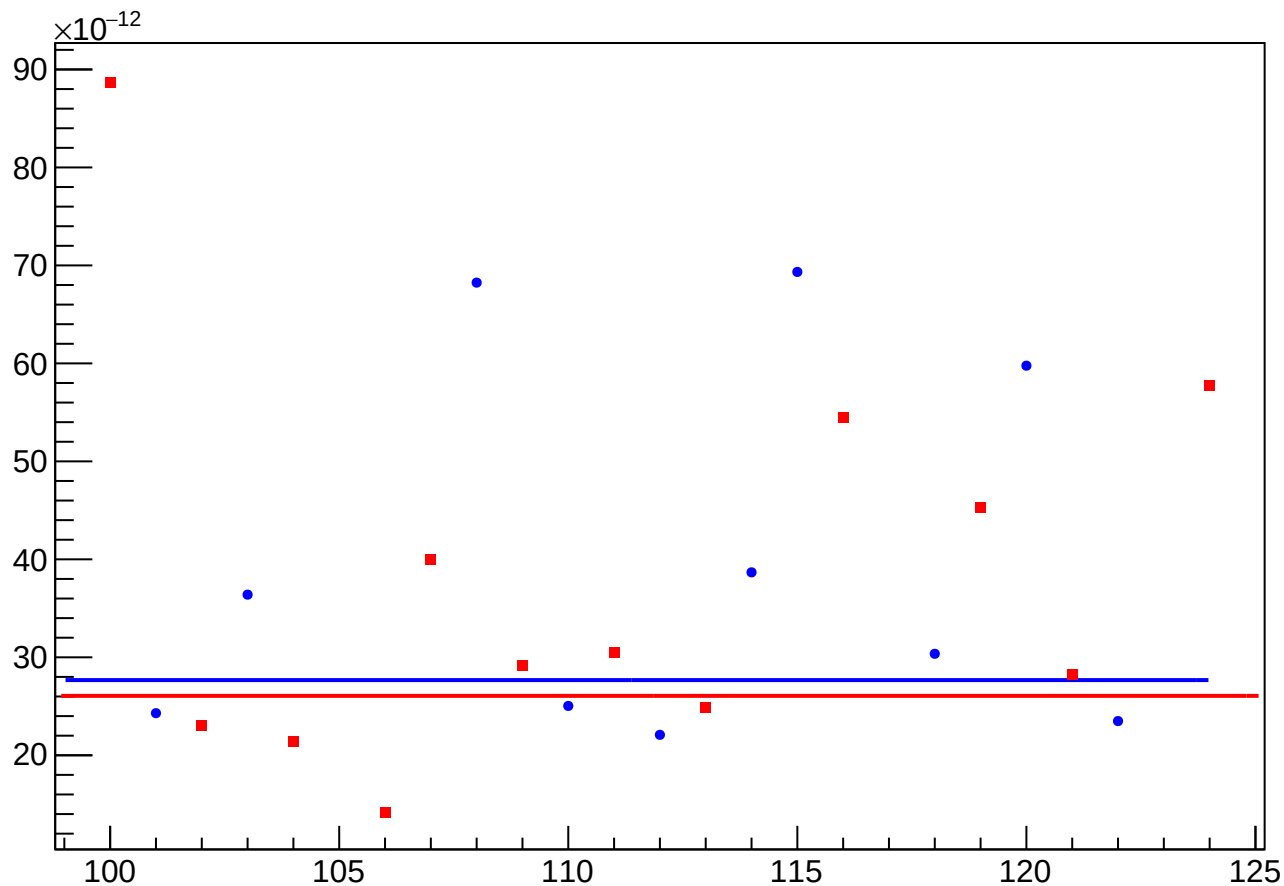
Right: 0.000+/-0.000 χ^2/NDF : 28.9/21

In: 0.000+/-0.000 χ^2/NDF : 14.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.9/21

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 572667.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 606784.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

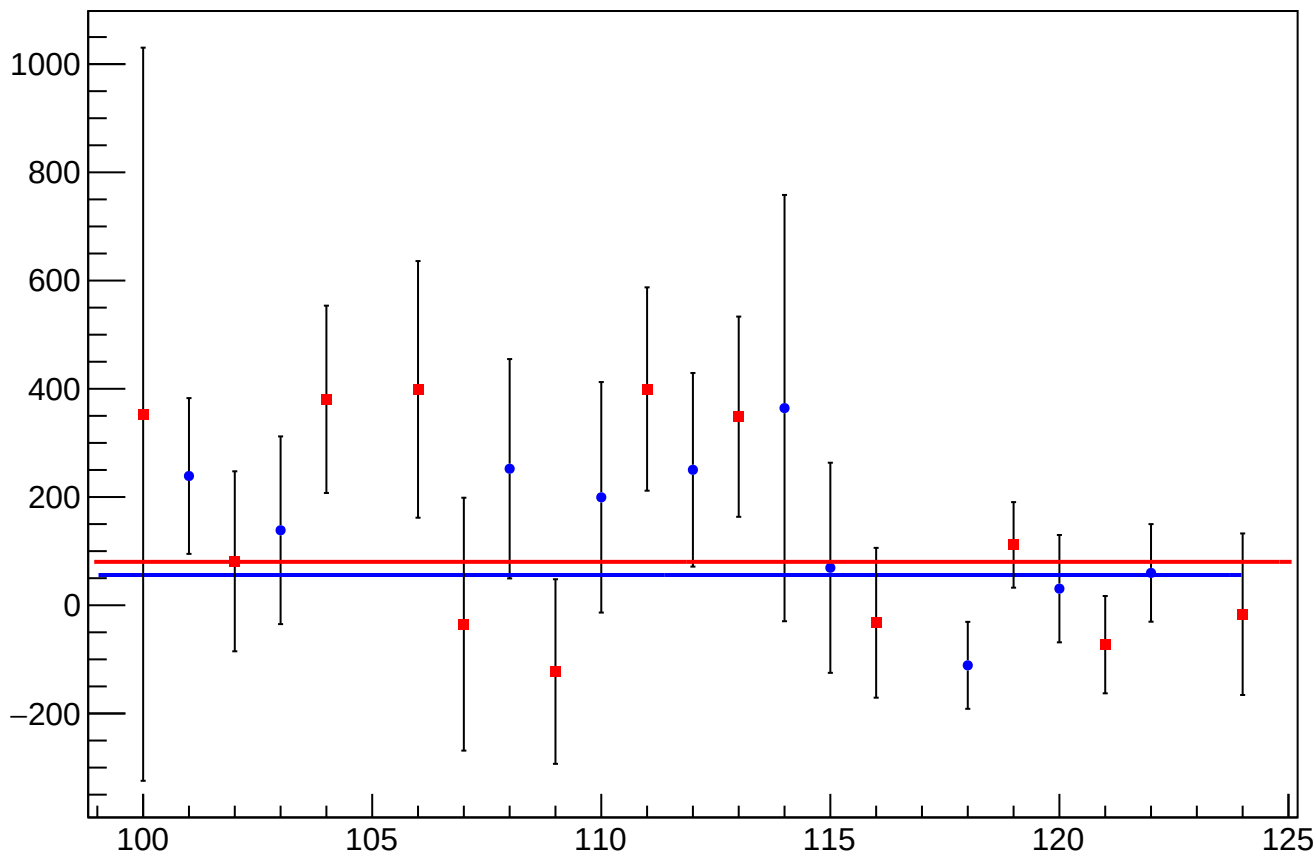
Right: 0.000+/-0.000 χ^2/NDF : 1188364.9/21

In: 0.000+/-0.000 χ^2/NDF : 572667.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1188364.9/21

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 55.907+/-41.829 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.198+/-41.503 χ^2/NDF : 15.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

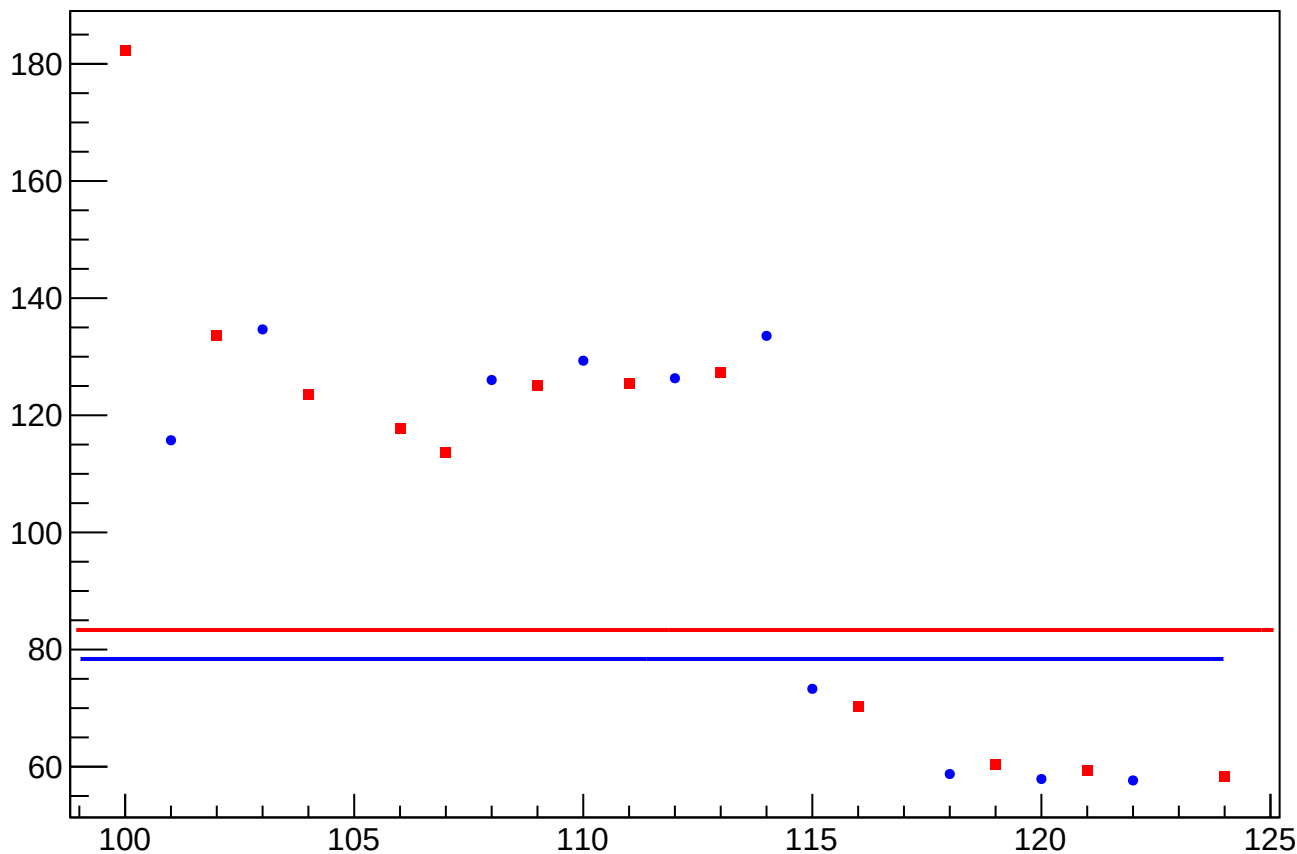
Right: 68.148+/-29.462 χ^2/NDF : 25.4/21

In: 55.907+/-41.829 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.148+/-29.462 χ^2/NDF : 25.4/21

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 78.394+/-0.030 χ^2/NDF : 1064720.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.339+/-0.029 χ^2/NDF : 1128249.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

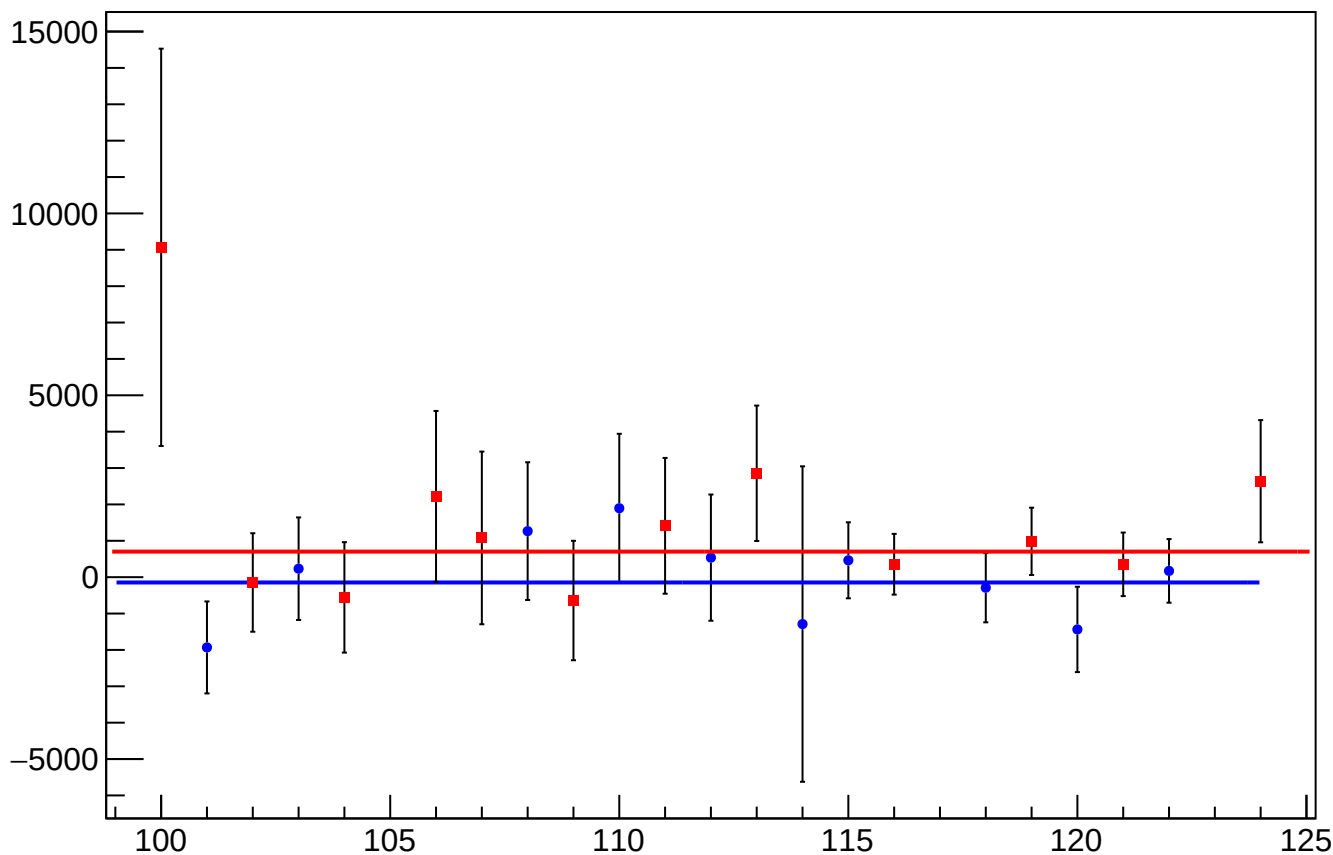
Right: 80.886+/-0.021 χ^2/NDF : 2207056.9/21

In: 78.394+/-0.030 χ^2/NDF : 1064720.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.886+/-0.021 χ^2/NDF : 2207056.9/21

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -145.868 ± 405.347 χ^2/NDF : 5.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 702.439 ± 389.659 χ^2/NDF : 7.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

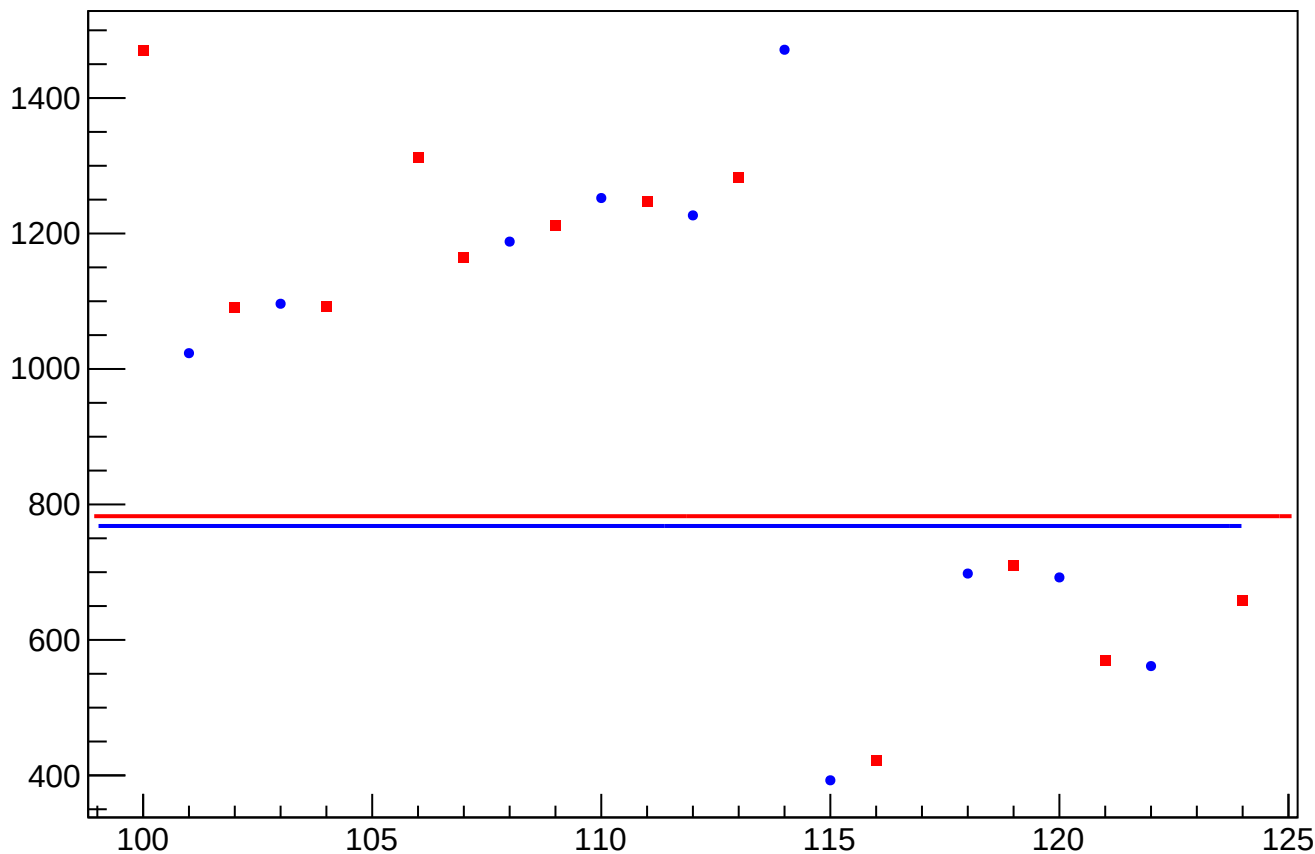
Right: 295.018 ± 280.913 χ^2/NDF : 15.6/21

In: -145.868 ± 405.347 χ^2/NDF : 5.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 295.018 ± 280.913 χ^2/NDF : 15.6/21

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 768.213+/-0.287 χ^2/NDF : 981880.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 782.662+/-0.276 χ^2/NDF : 1293033.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

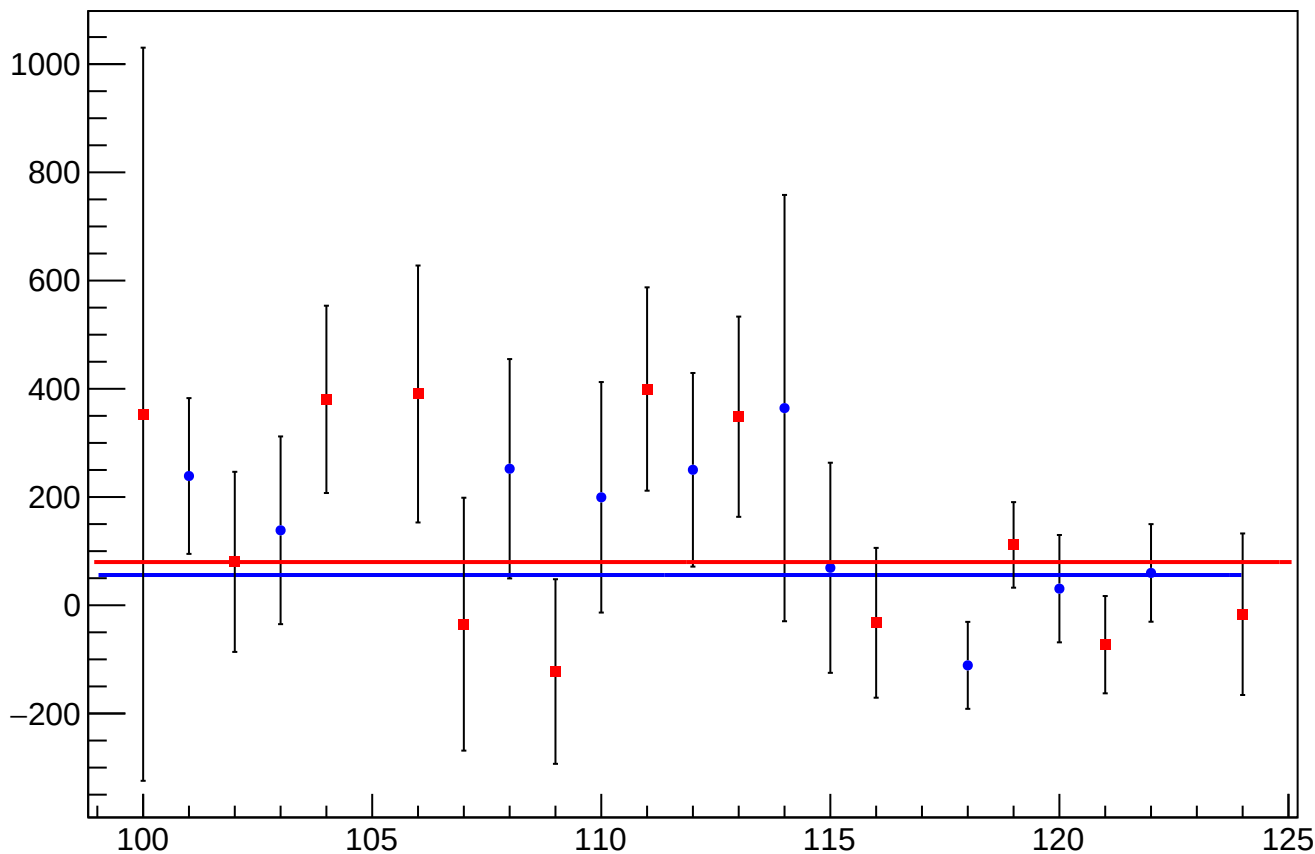
Right: 775.723+/-0.199 χ^2/NDF : 2276235.1/21

In: 768.213+/-0.287 χ^2/NDF : 981880.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.723+/-0.199 χ^2/NDF : 2276235.1/21

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 55.900+/-41.829 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.838+/-41.506 χ^2/NDF : 15.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

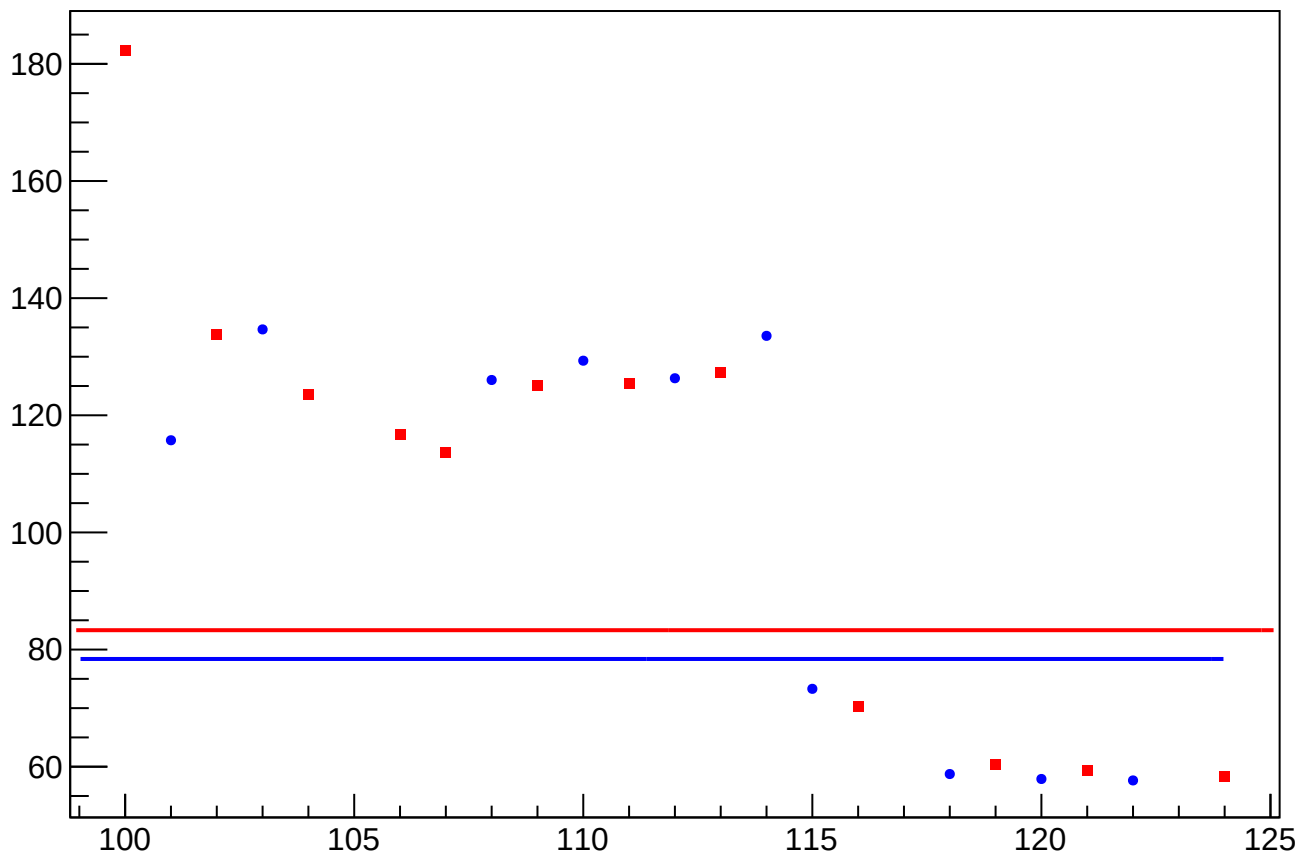
Right: 67.962+/-29.463 χ^2/NDF : 25.2/21

In: 55.900+/-41.829 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.962+/-29.463 χ^2/NDF : 25.2/21

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 78.394+/-0.030 χ^2/NDF : 1064722.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.307+/-0.029 χ^2/NDF : 1126043.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

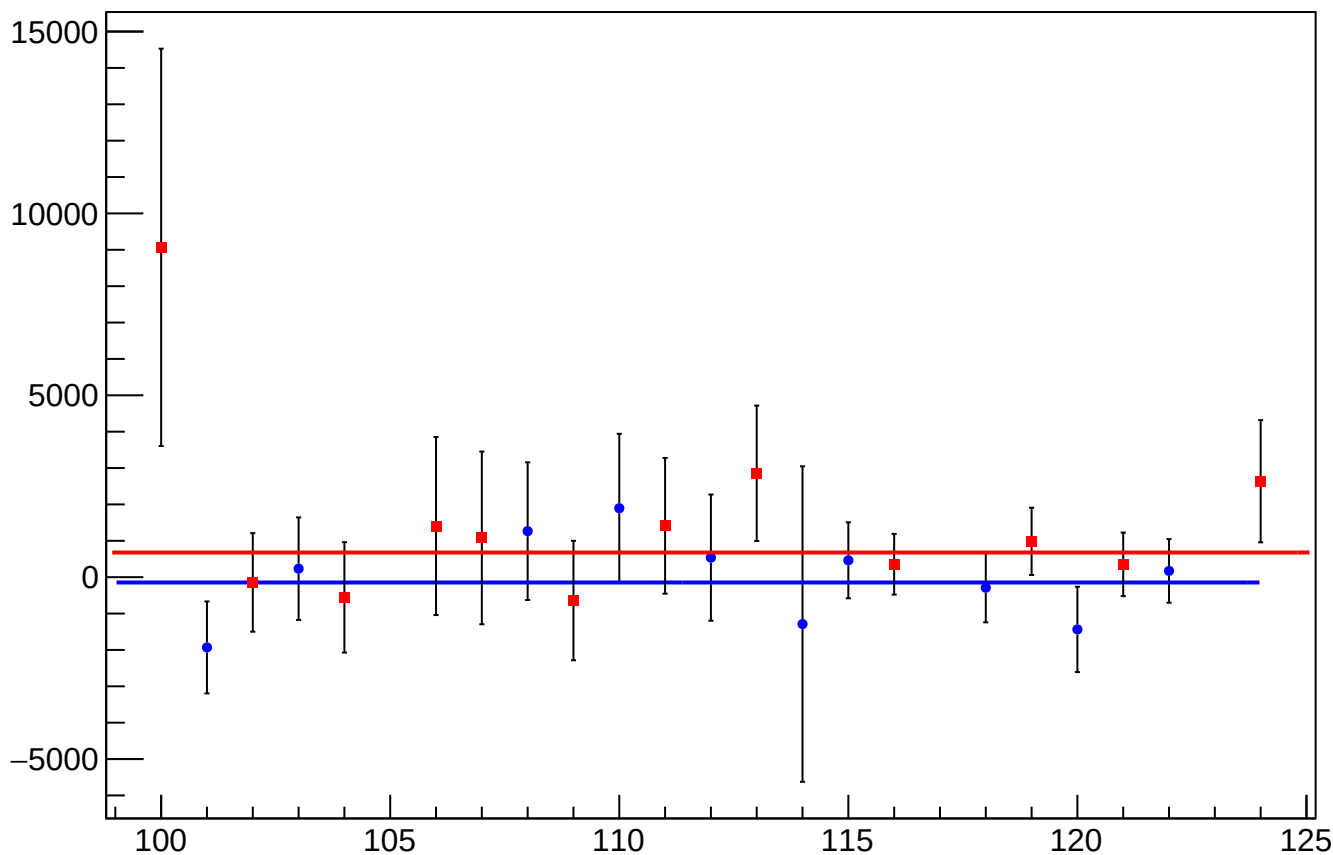
Right: 80.869+/-0.021 χ^2/NDF : 2204668.2/21

In: 78.394+/-0.030 χ^2/NDF : 1064722.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.869+/-0.021 χ^2/NDF : 2204668.2/21

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -145.819+/-405.348 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.779+/-390.104 χ^2/NDF : 7.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

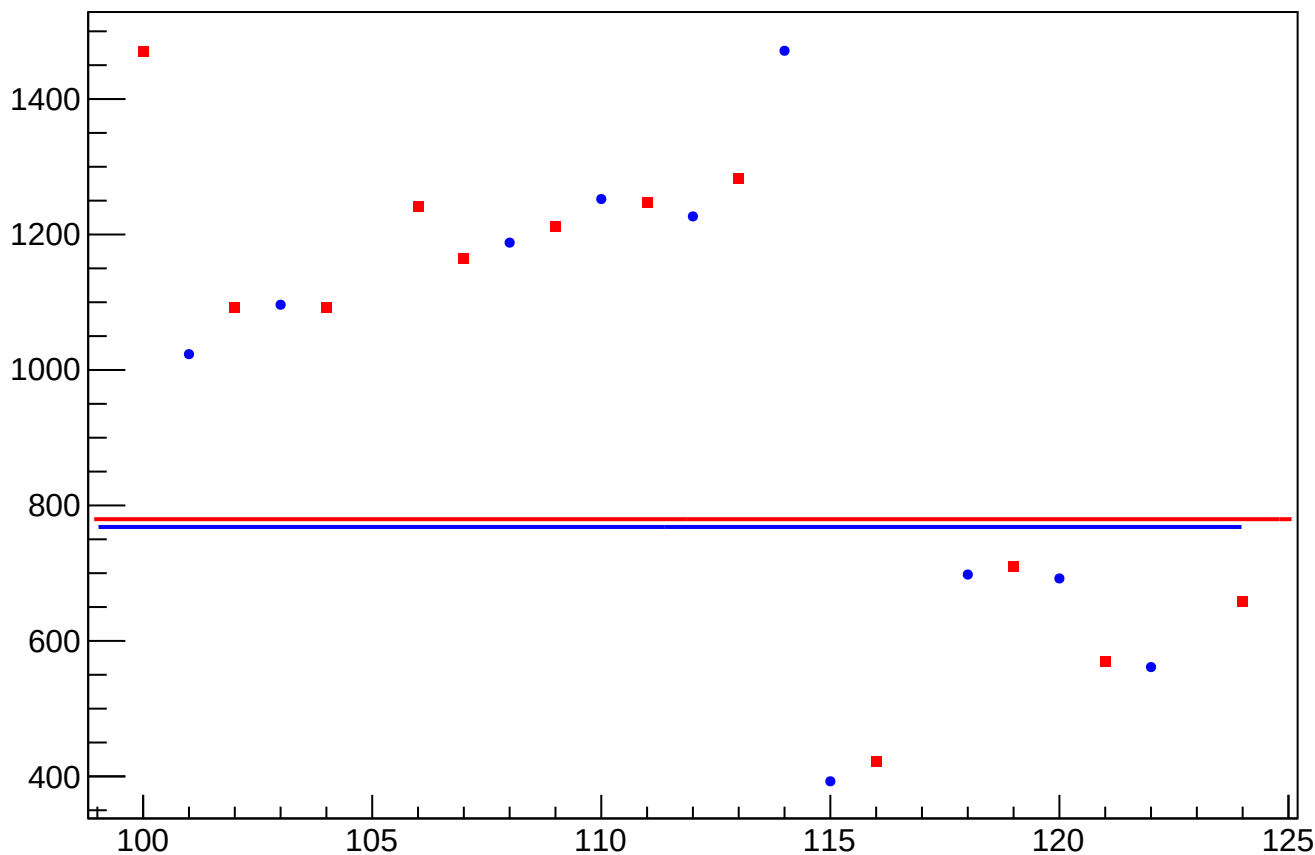
Right: 282.277+/-281.080 χ^2/NDF : 15.1/21

In: -145.819+/-405.348 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.277+/-281.080 χ^2/NDF : 15.1/21

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 768.214+/-0.287 χ^2/NDF : 981914.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 779.713+/-0.276 χ^2/NDF : 1261538.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

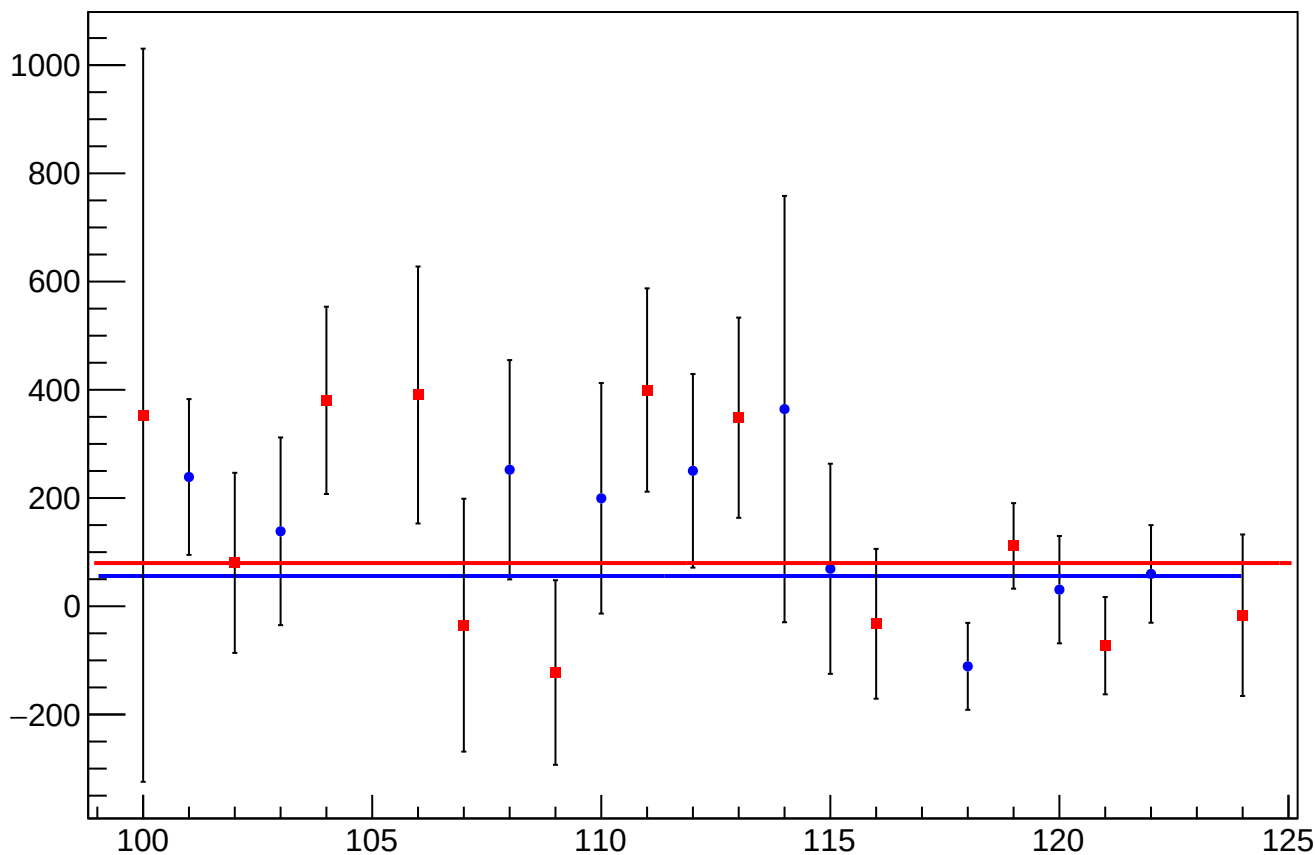
Right: 774.184+/-0.199 χ^2/NDF : 2244287.7/21

In: 768.214+/-0.287 χ^2/NDF : 981914.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.184+/-0.199 χ^2/NDF : 2244287.7/21

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 55.900+/-41.829 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.838+/-41.506 χ^2/NDF : 15.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

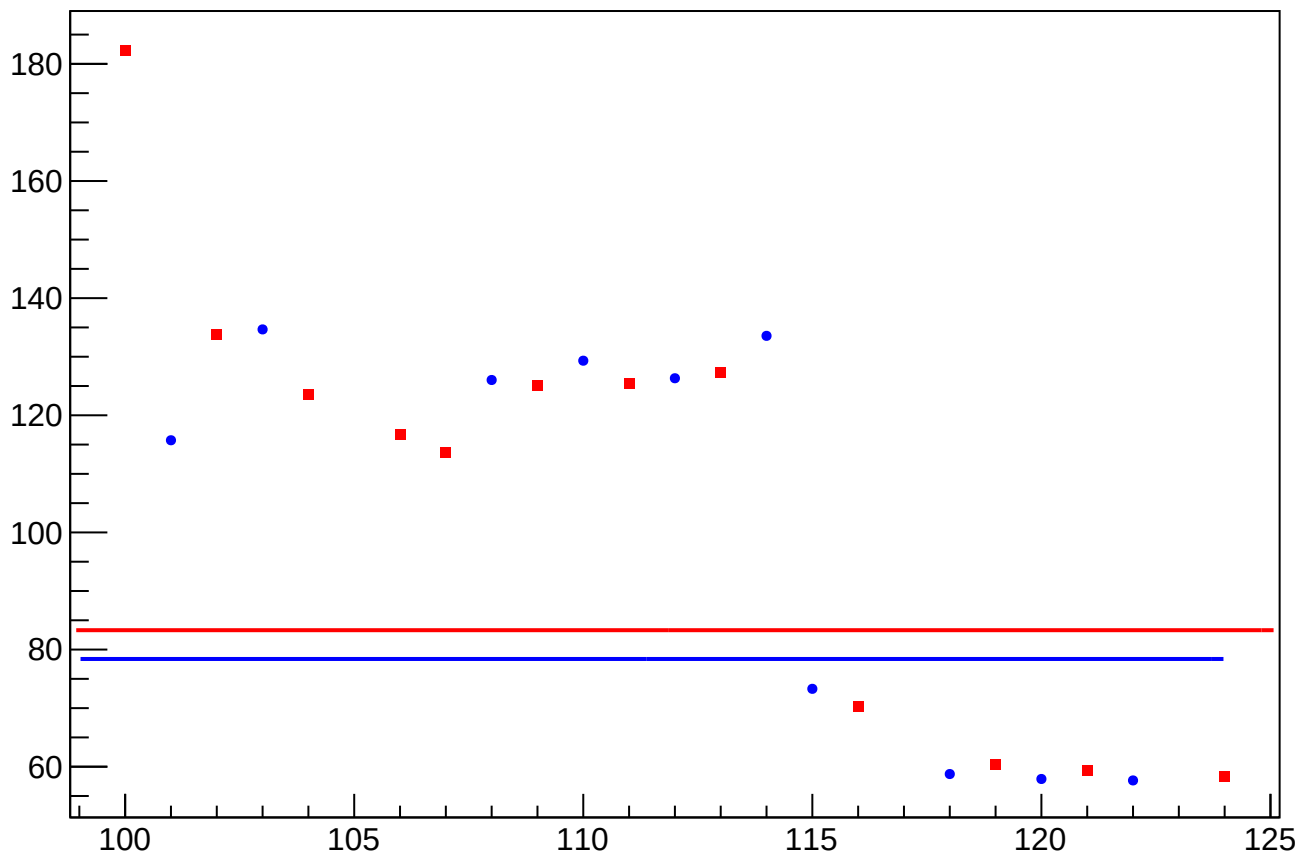
Right: 67.962+/-29.463 χ^2/NDF : 25.2/21

In: 55.900+/-41.829 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.962+/-29.463 χ^2/NDF : 25.2/21

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 78.394+/-0.030 χ^2/NDF : 1064722.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.307+/-0.029 χ^2/NDF : 1126043.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

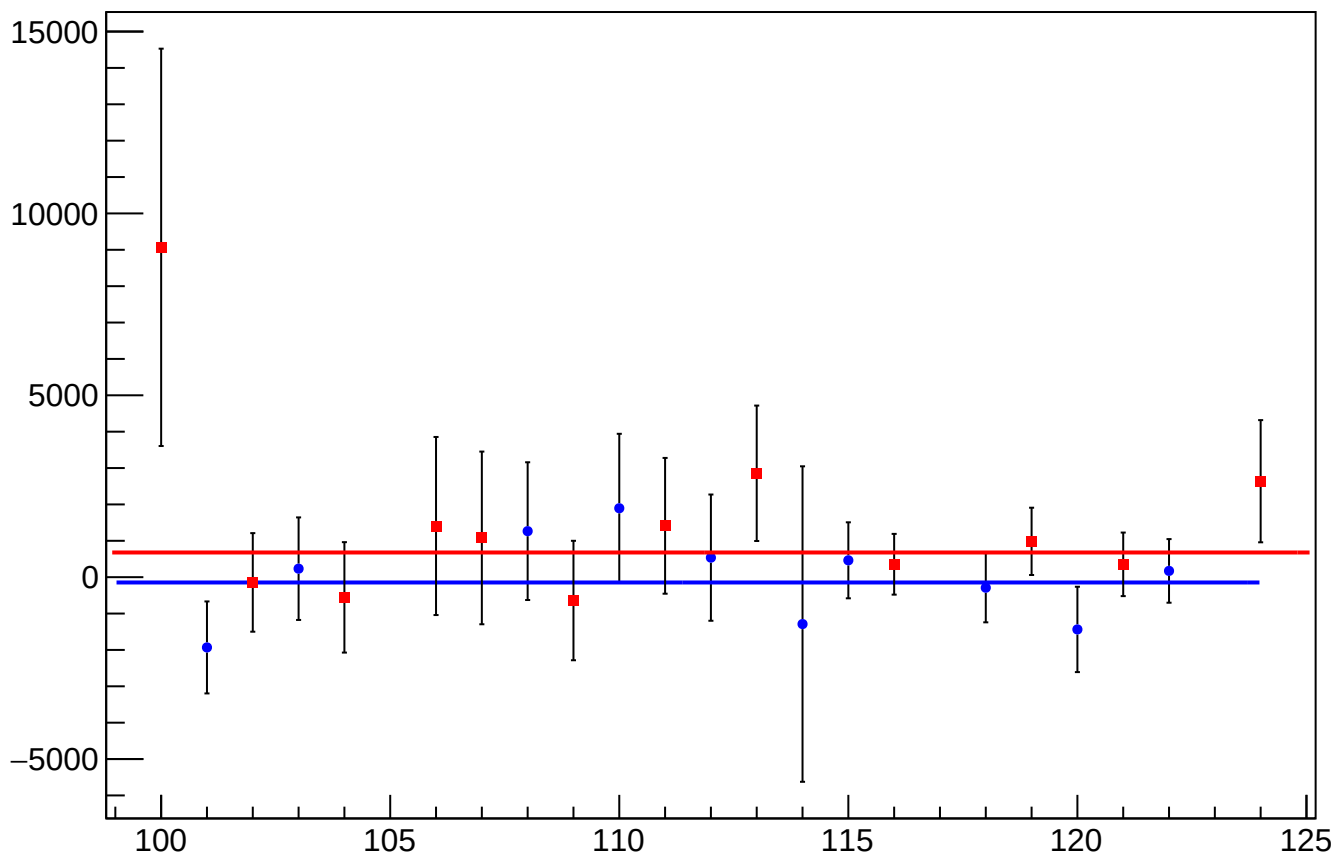
Right: 80.869+/-0.021 χ^2/NDF : 2204668.2/21

In: 78.394+/-0.030 χ^2/NDF : 1064722.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.869+/-0.021 χ^2/NDF : 2204668.2/21

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -145.819 ± 405.348 χ^2/NDF : 5.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 678.779 ± 390.104 χ^2/NDF : 7.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

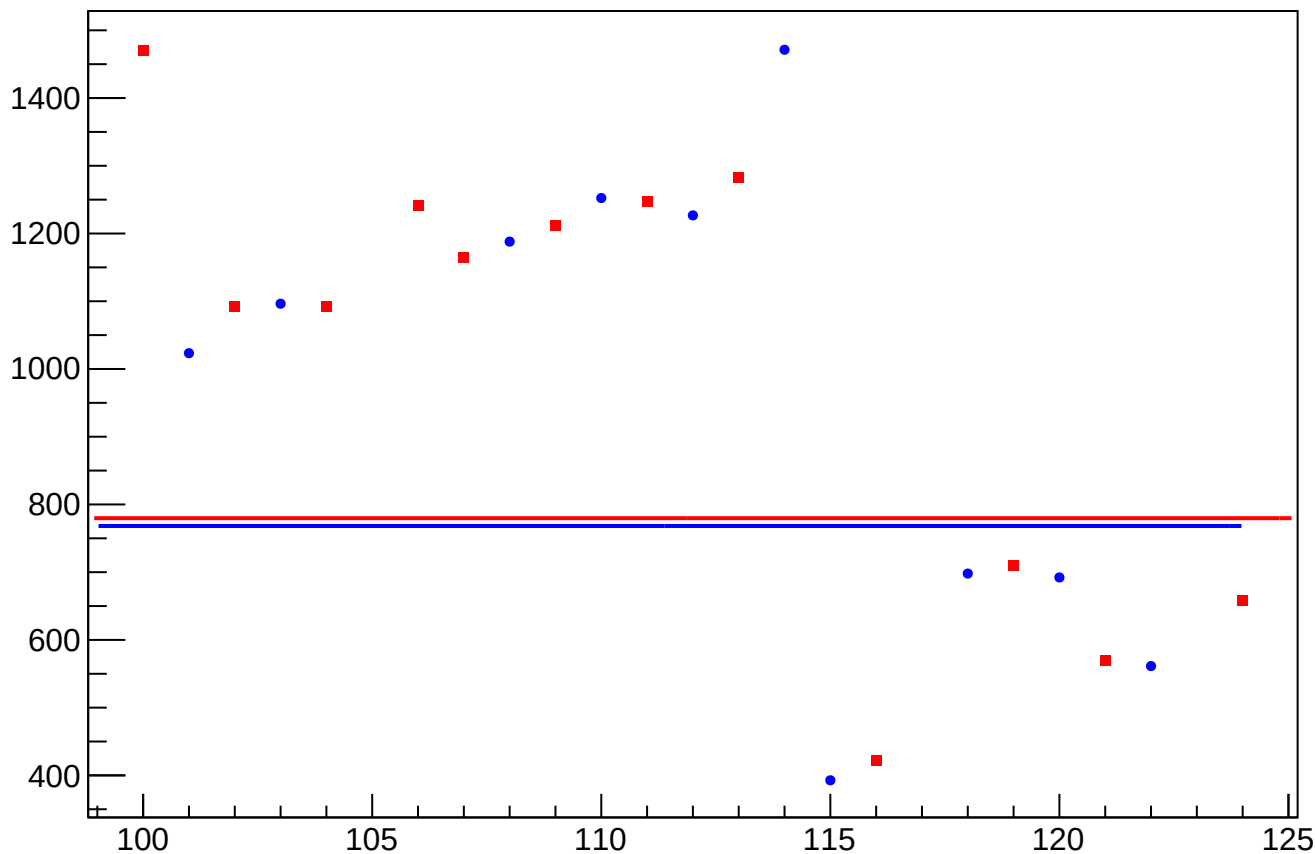
Right: 282.277 ± 281.080 χ^2/NDF : 15.1/21

In: -145.819 ± 405.348 χ^2/NDF : 5.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 282.277 ± 281.080 χ^2/NDF : 15.1/21

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 768.214+/-0.287 χ^2/NDF : 981914.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 779.713+/-0.276 χ^2/NDF : 1261538.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

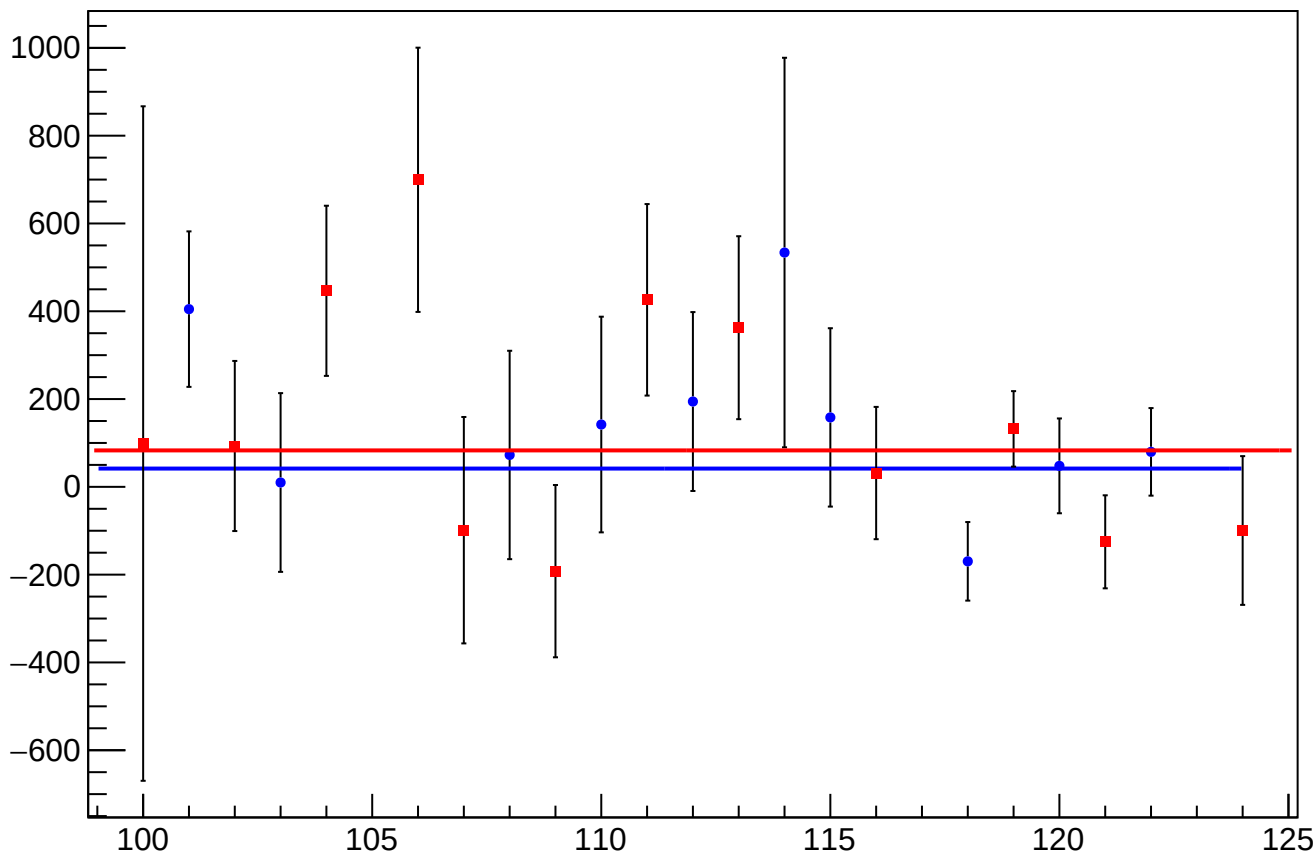
Right: 774.184+/-0.199 χ^2/NDF : 2244287.7/21

In: 768.214+/-0.287 χ^2/NDF : 981914.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.184+/-0.199 χ^2/NDF : 2244287.7/21

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 41.652 $\pm$ 46.893 χ^2 /NDF: 12.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 83.025 $\pm$ 46.925 χ^2 /NDF: 19.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

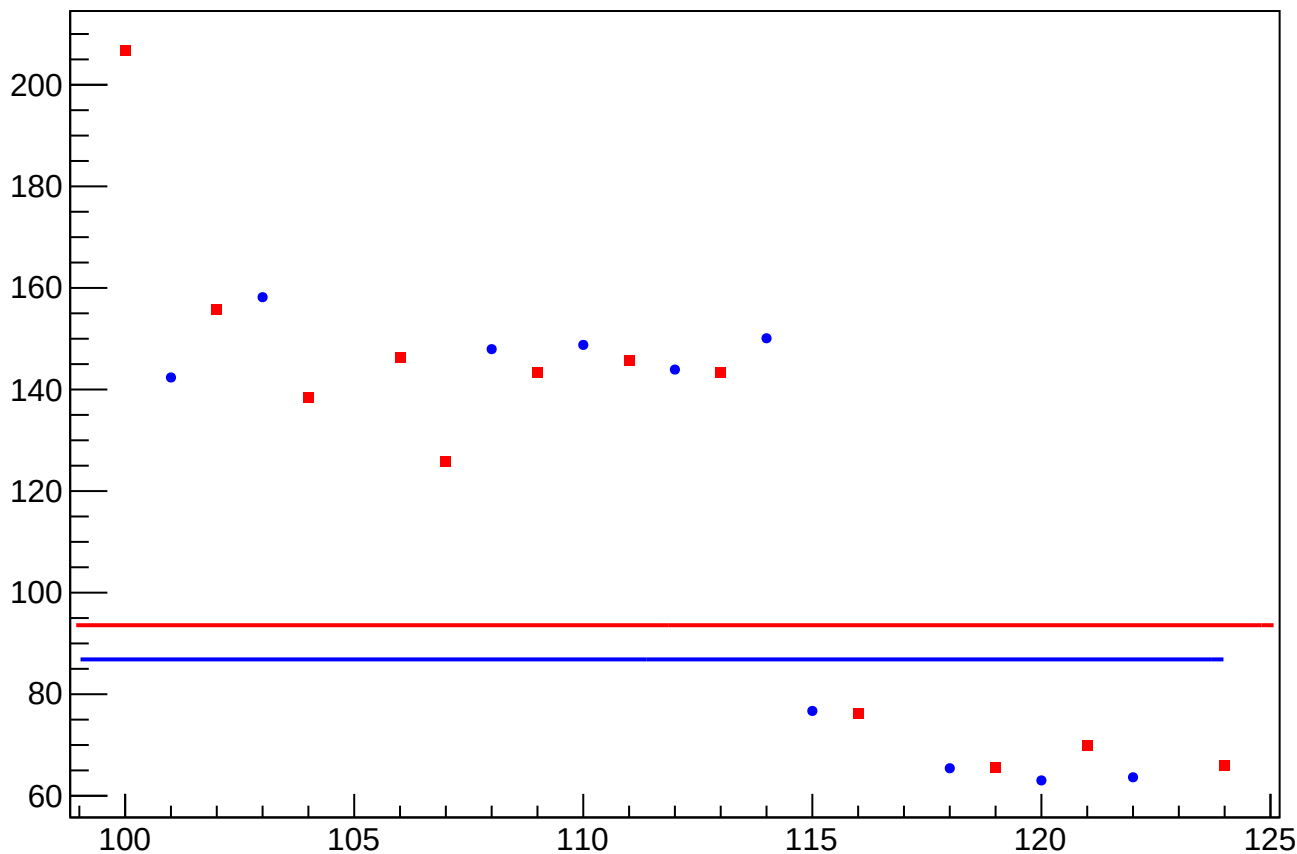
Right: 62.324 $\pm$ 33.170 χ^2 /NDF: 32.6/21

In: 41.652 $\pm$ 46.893 χ^2 /NDF:12.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.324 $\pm$ 33.170 χ^2 /NDF: 32.6/21

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 86.857+/-0.033 χ^2/NDF : 1224284.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.590+/-0.033 χ^2/NDF : 1198045.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

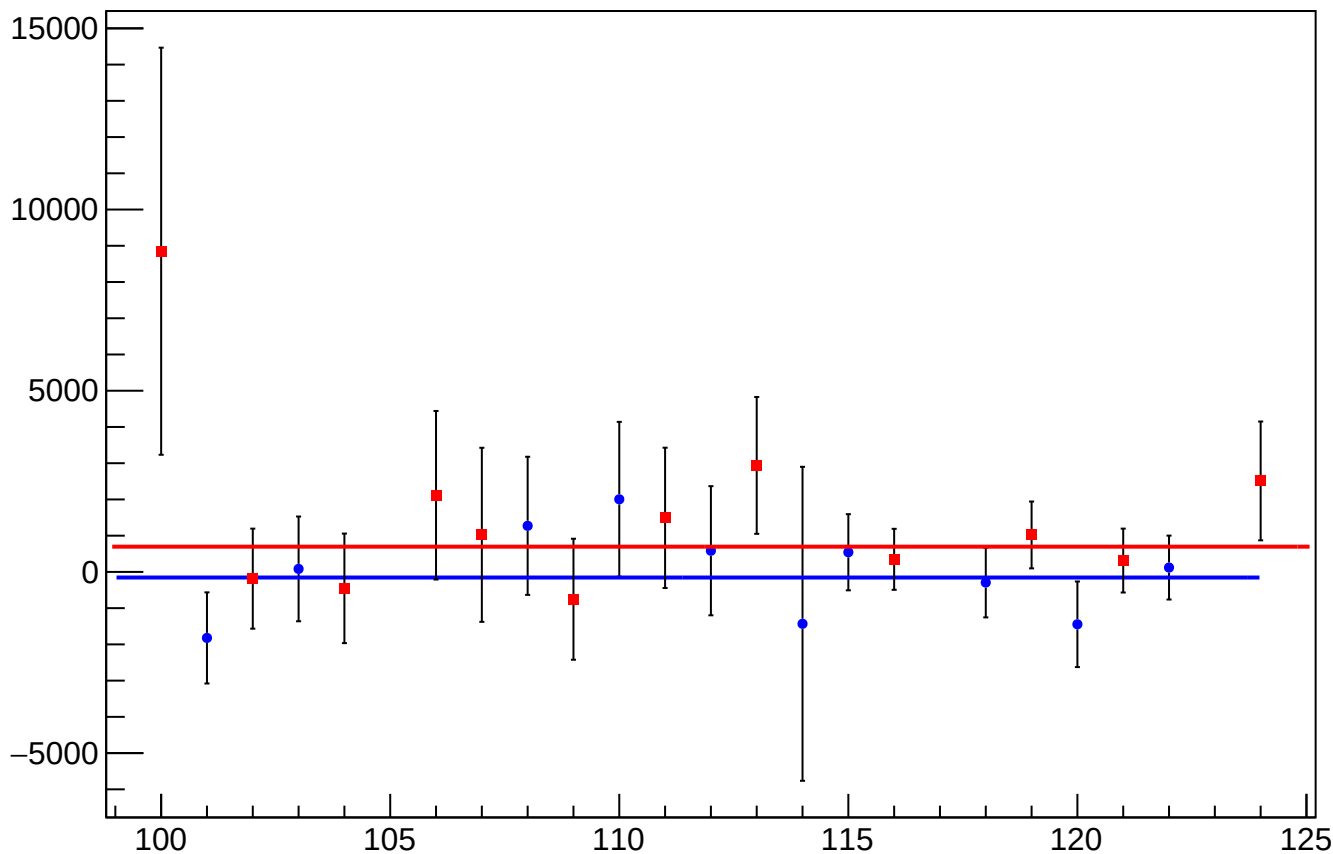
Right: 90.221+/-0.023 χ^2/NDF : 2442930.8/21

In: 86.857+/-0.033 χ^2/NDF : 1224284.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.221+/-0.023 χ^2/NDF : 2442930.8/21

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -154.666+/-409.489 χ^2/NDF : 5.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 696.696+/-392.098 χ^2/NDF : 7.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

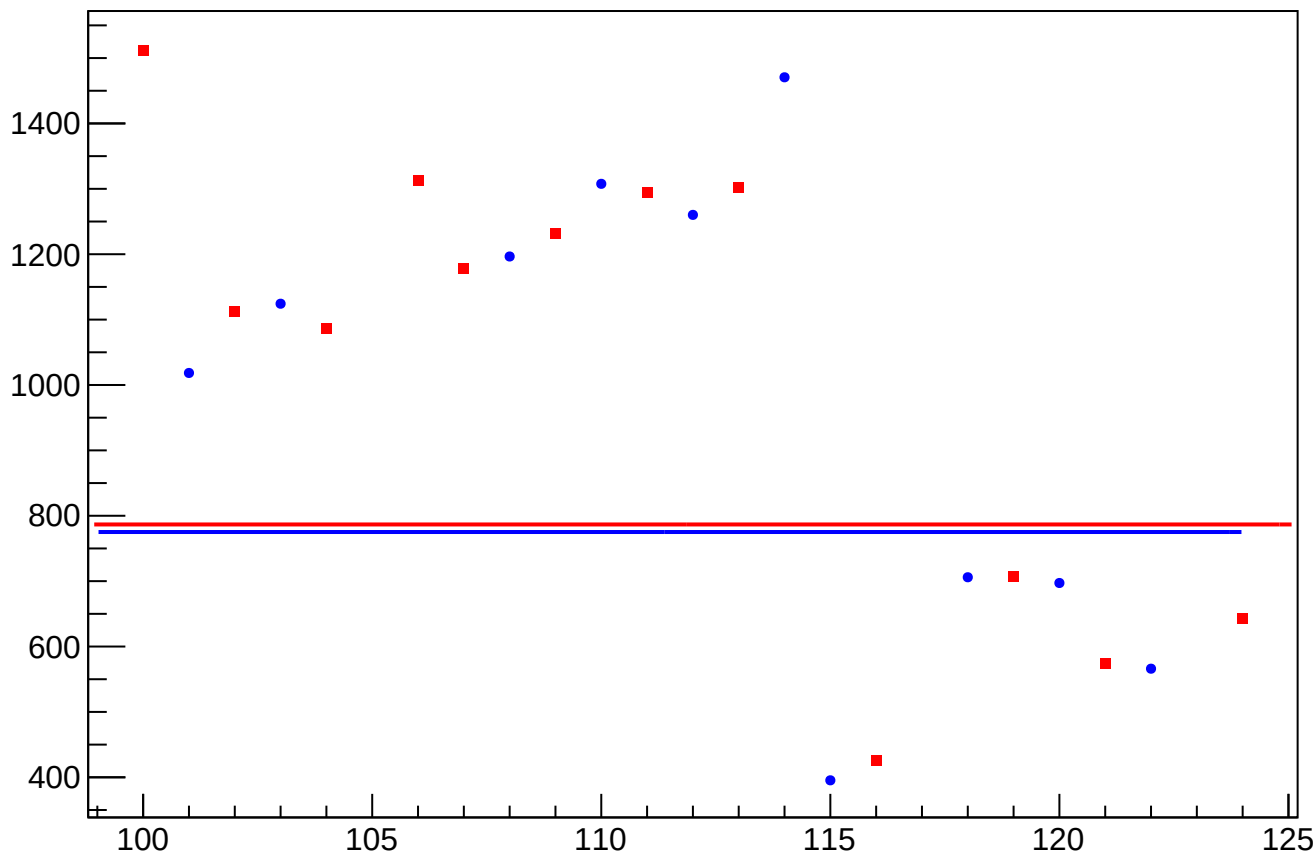
Right: 289.477+/-283.204 χ^2/NDF : 15.2/21

In: -154.666+/-409.489 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.477+/-283.204 χ^2/NDF : 15.2/21

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 775.146+/-0.290 χ^2/NDF : 1006024.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 786.695+/-0.277 χ^2/NDF : 1322888.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

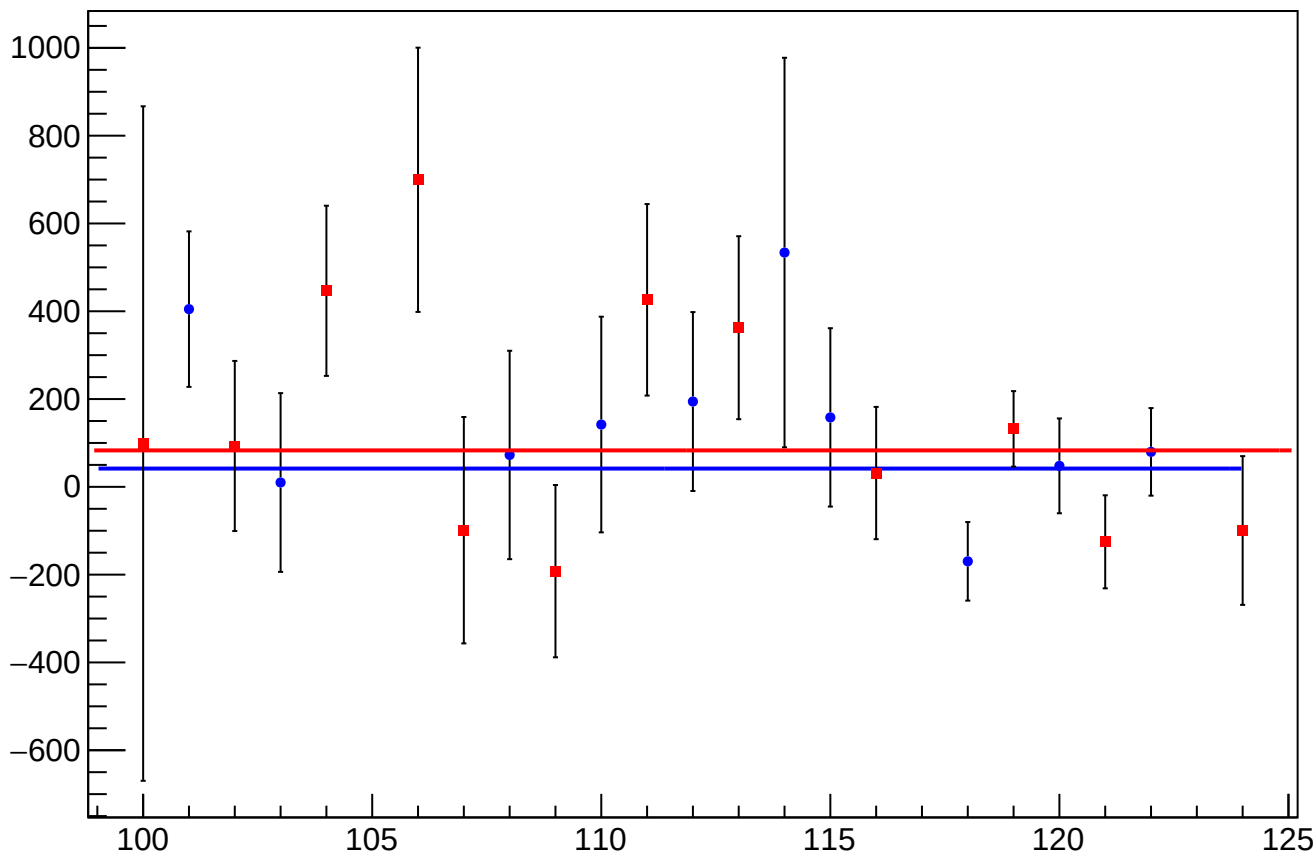
Right: 781.171+/-0.200 χ^2/NDF : 2329742.7/21

In: 775.146+/-0.290 χ^2/NDF : 1006024.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.171+/-0.200 χ^2/NDF : 2329742.7/21

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 41.654+/-46.893 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.024+/-46.925 χ^2/NDF : 19.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

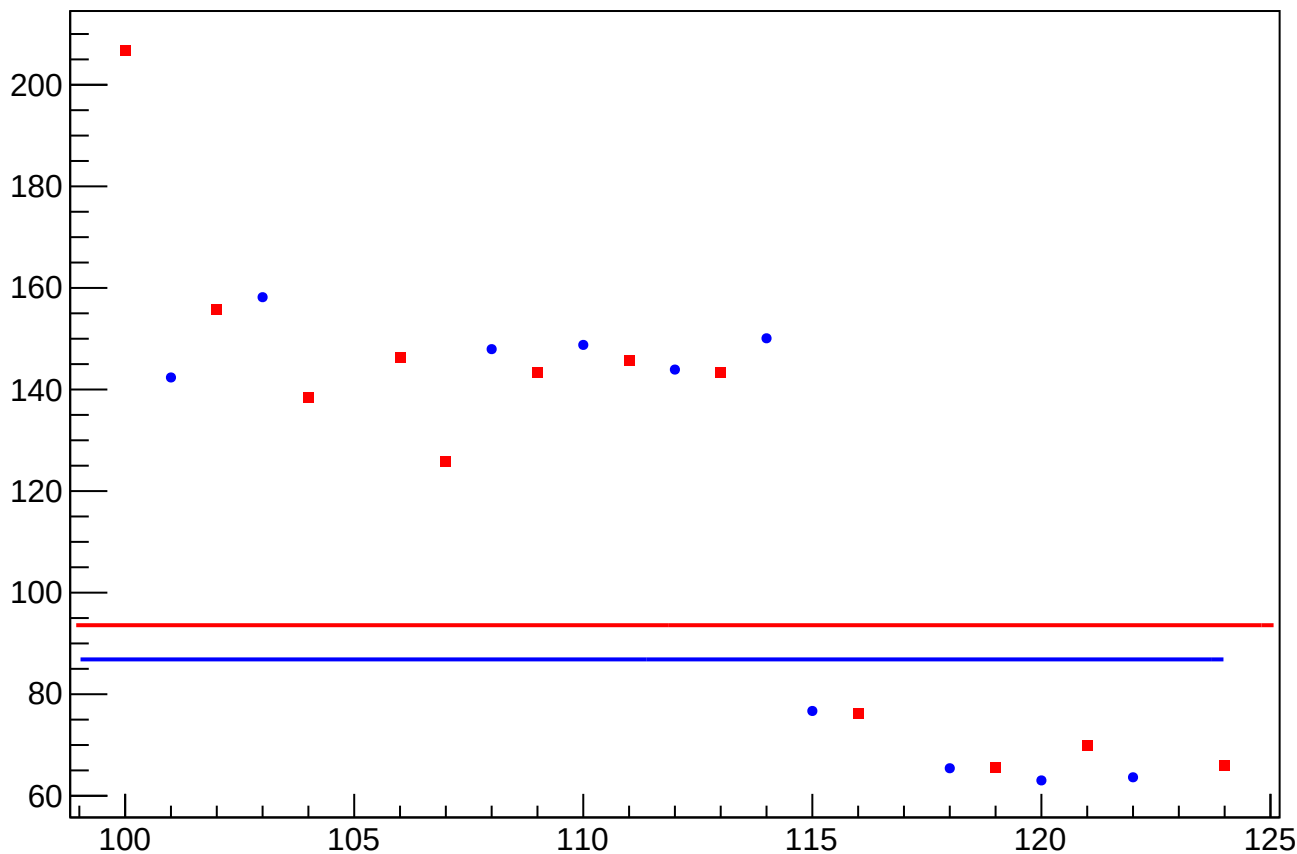
Right: 62.324+/-33.170 χ^2/NDF : 32.6/21

In: 41.654+/-46.893 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.324+/-33.170 χ^2/NDF : 32.6/21

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 86.857+/-0.033 χ^2/NDF : 1224270.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.590+/-0.033 χ^2/NDF : 1198033.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

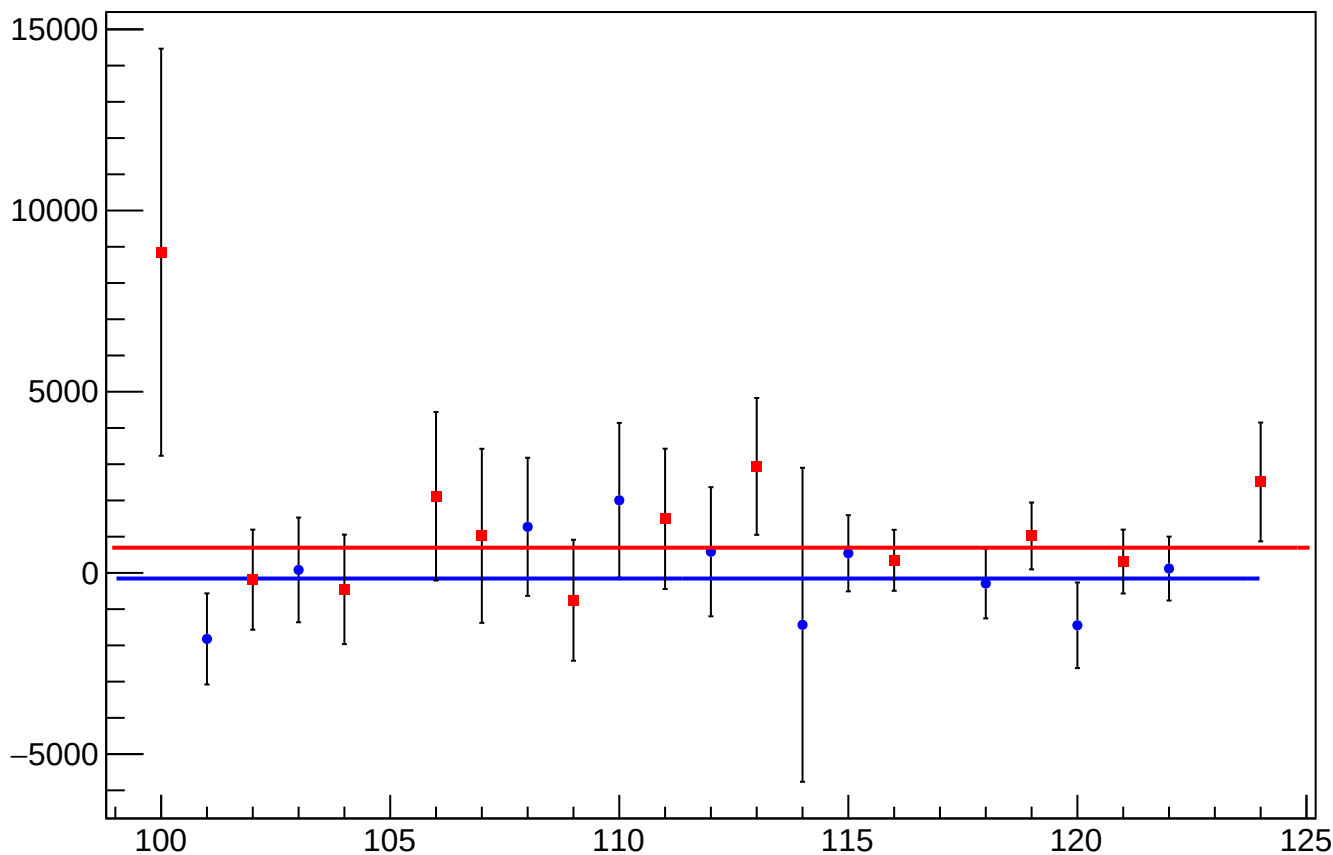
Right: 90.221+/-0.023 χ^2/NDF : 2442904.5/21

In: 86.857+/-0.033 χ^2/NDF : 1224270.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.221+/-0.023 χ^2/NDF : 2442904.5/21

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -154.665+/-409.489 χ^2/NDF : 5.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 696.695+/-392.098 χ^2/NDF : 7.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

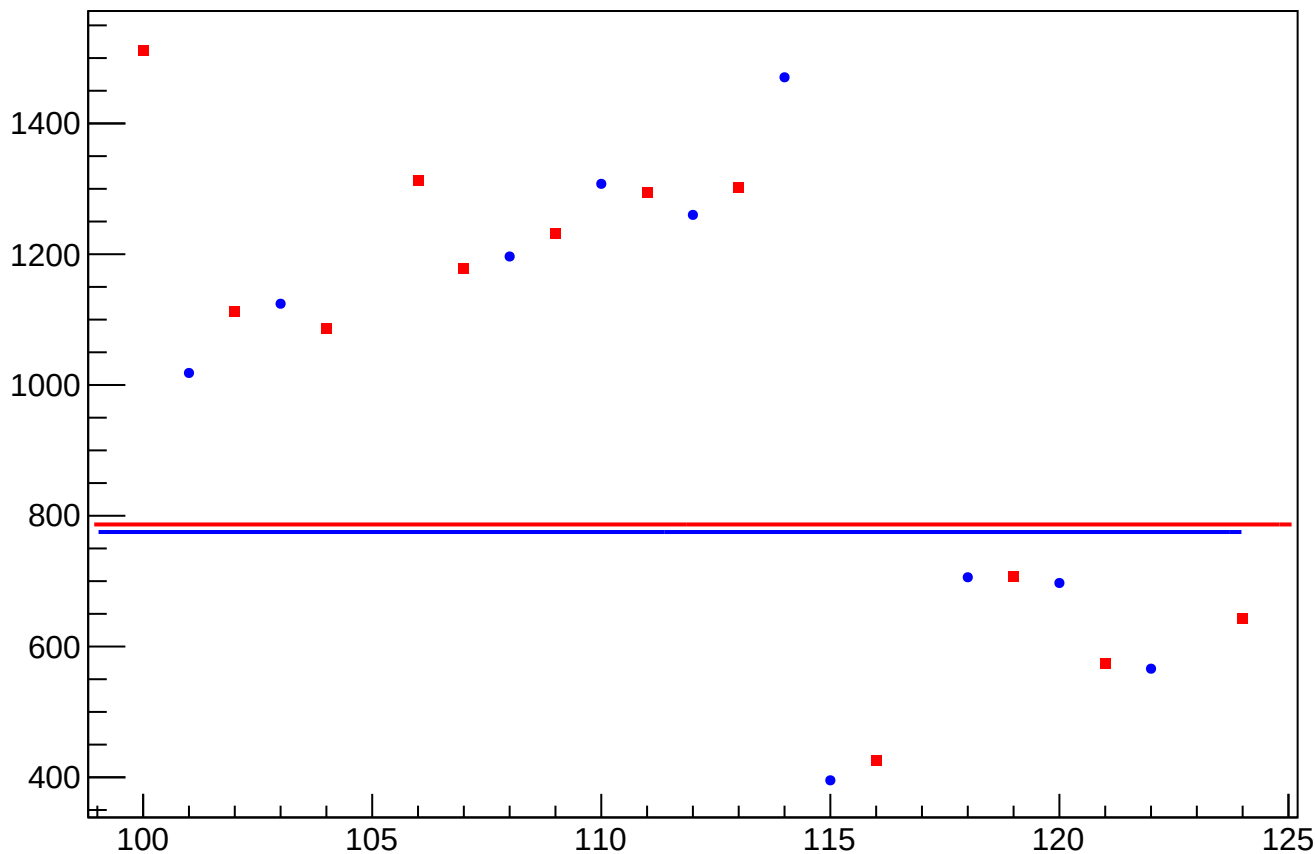
Right: 289.477+/-283.204 χ^2/NDF : 15.2/21

In: -154.665+/-409.489 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.477+/-283.204 χ^2/NDF : 15.2/21

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 775.146+/-0.290 χ^2/NDF : 1006010.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 786.695+/-0.277 χ^2/NDF : 1322875.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

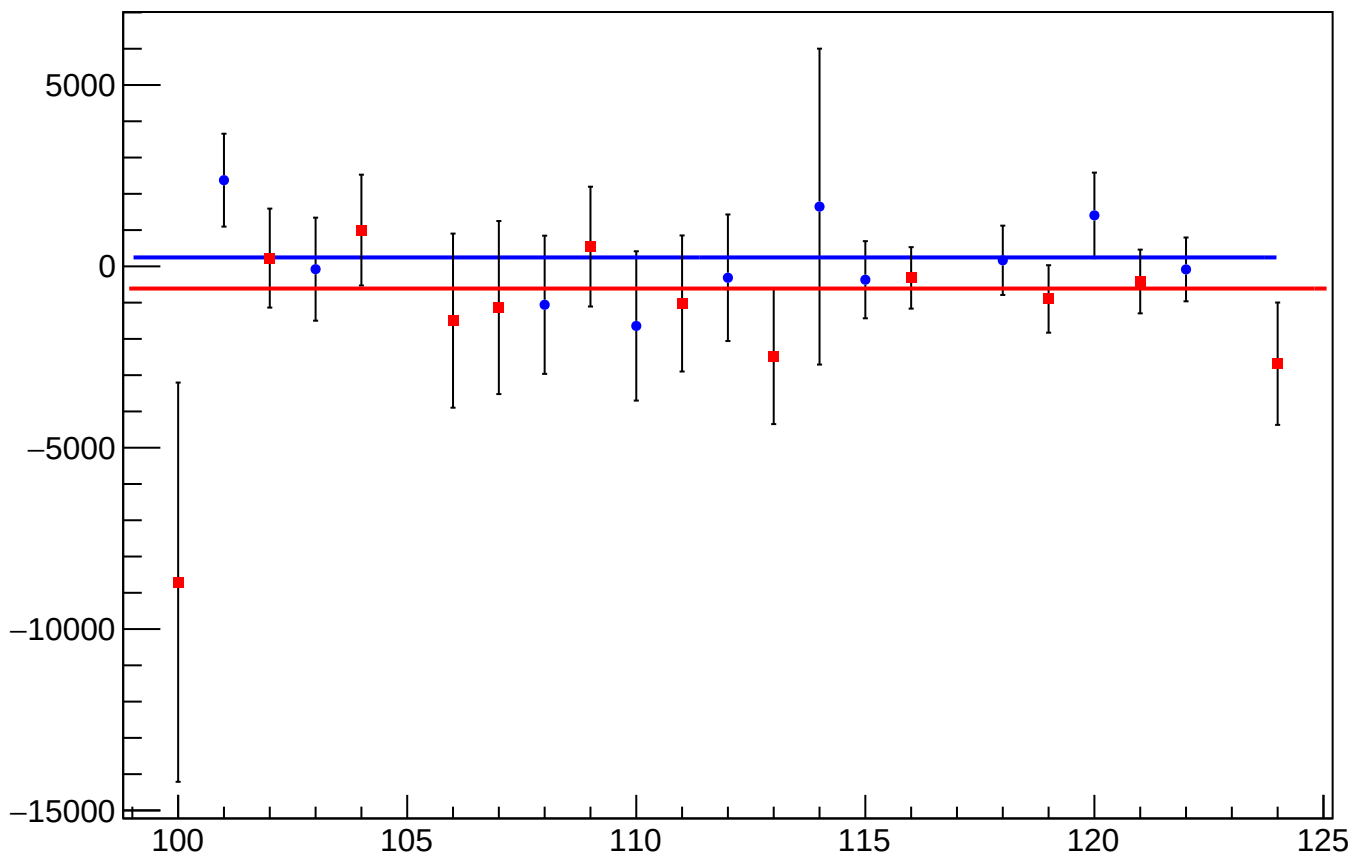
Right: 781.171+/-0.200 χ^2/NDF : 2329716.0/21

In: 775.146+/-0.290 χ^2/NDF : 1006010.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.171+/-0.200 χ^2/NDF : 2329716.0/21

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 246.420+/-408.563 χ^2/NDF : 5.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -611.325+/-392.839 χ^2/NDF : 7.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

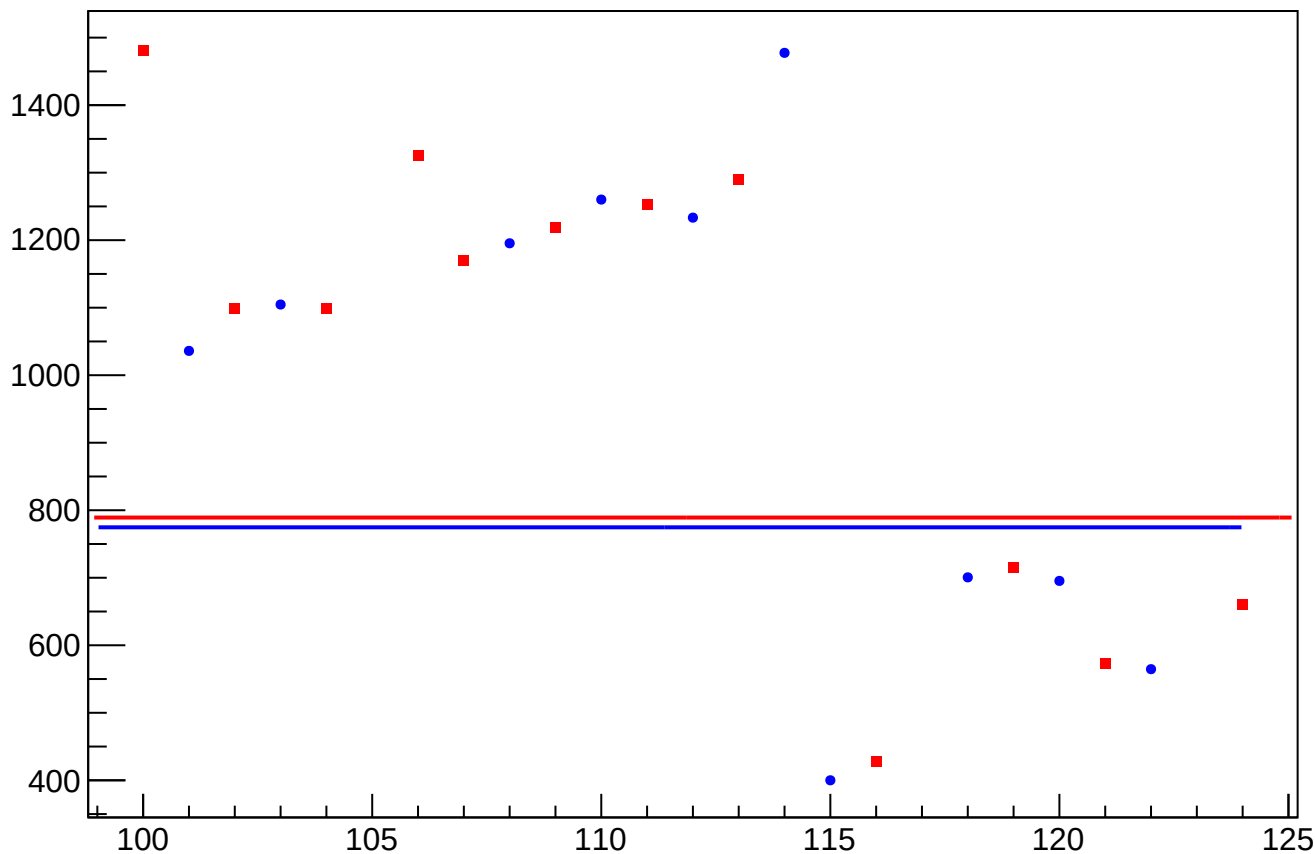
Right: -199.275+/-283.175 χ^2/NDF : 15.2/21

In: 246.420+/-408.563 χ^2/NDF : 5.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.275+/-283.175 χ^2/NDF : 15.2/21

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 774.708+/-0.289 χ^2/NDF : 973738.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 789.182+/-0.278 χ^2/NDF : 1277762.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

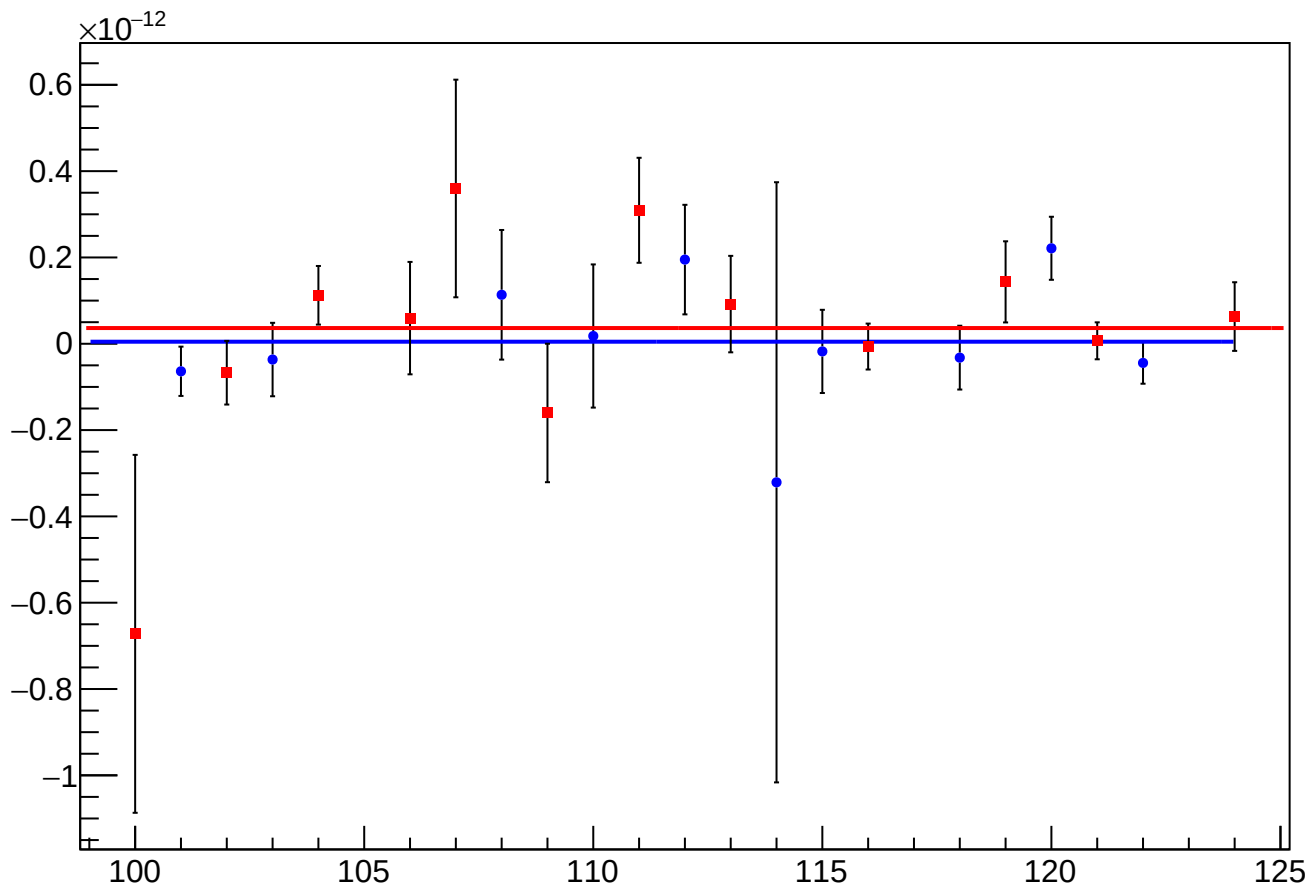
Right: 782.229+/-0.200 χ^2/NDF : 2252804.7/21

In: 774.708+/-0.289 χ^2/NDF : 973738.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.229+/-0.200 χ^2/NDF : 2252804.7/21

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

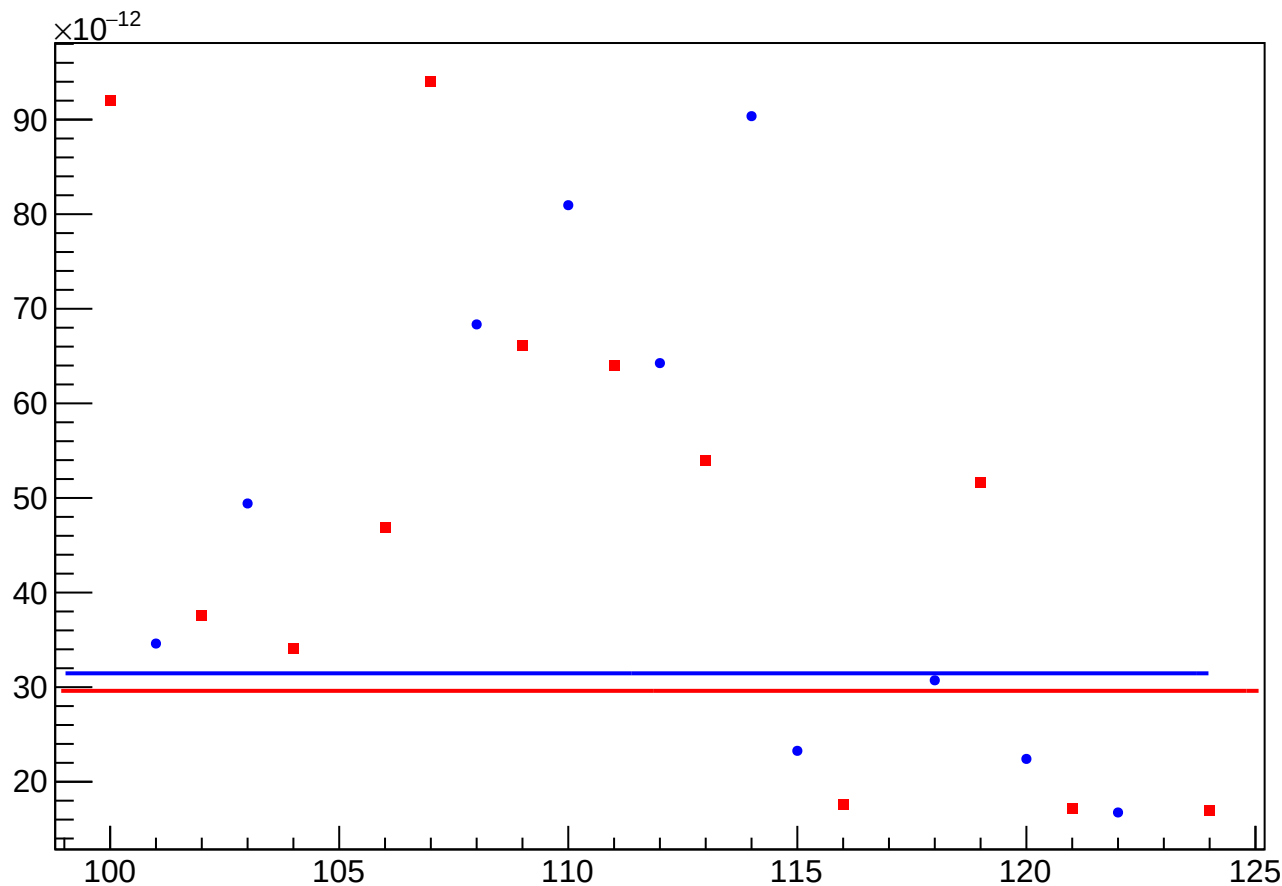
Right: 0.000+/-0.000 χ^2/NDF : 32.8/21

In: 0.000+/-0.000 χ^2/NDF : 14.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.8/21

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 772968.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1031838.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

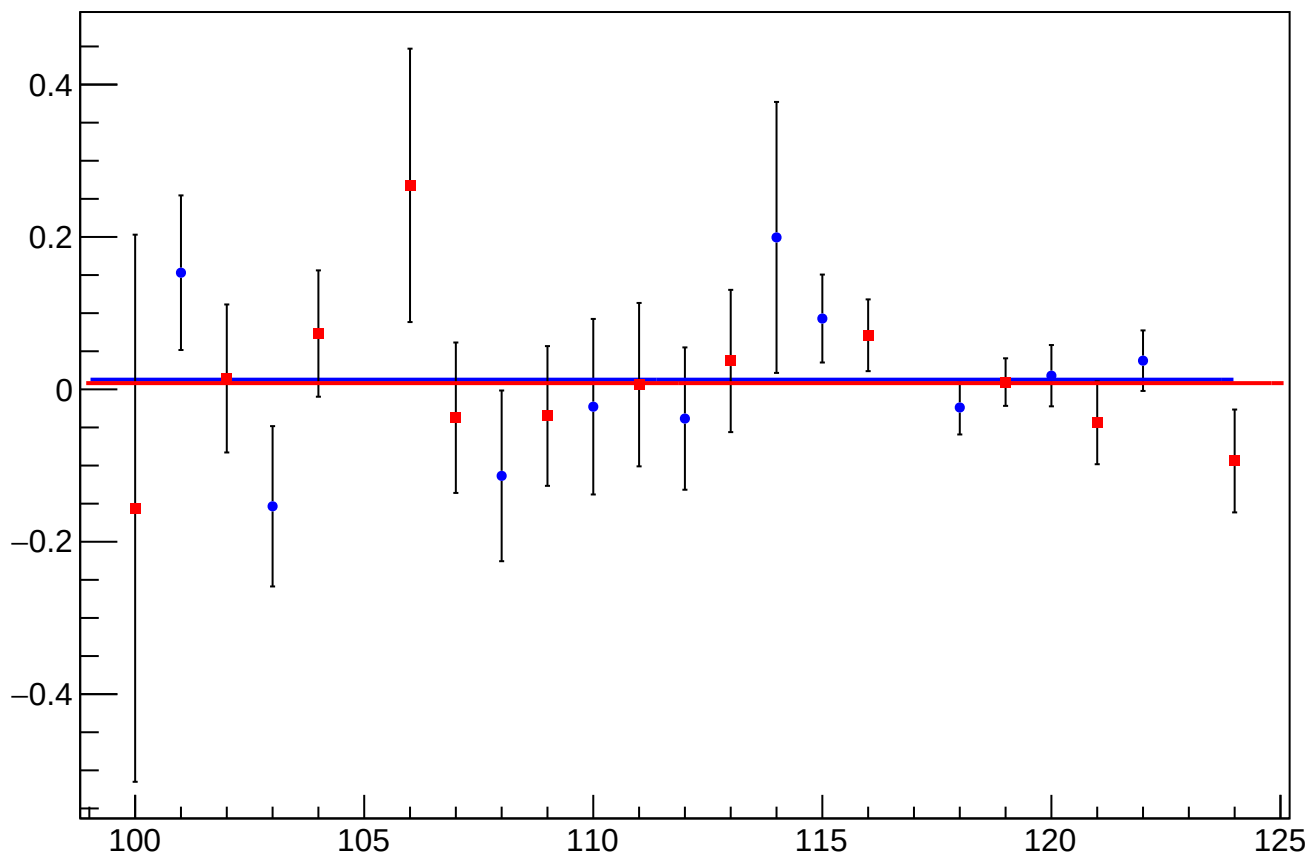
Right: 0.000+/-0.000 χ^2/NDF : 1810466.3/21

In: 0.000+/-0.000 χ^2/NDF : 772968.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1810466.3/21

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.019 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.019 χ^2/NDF : 8.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

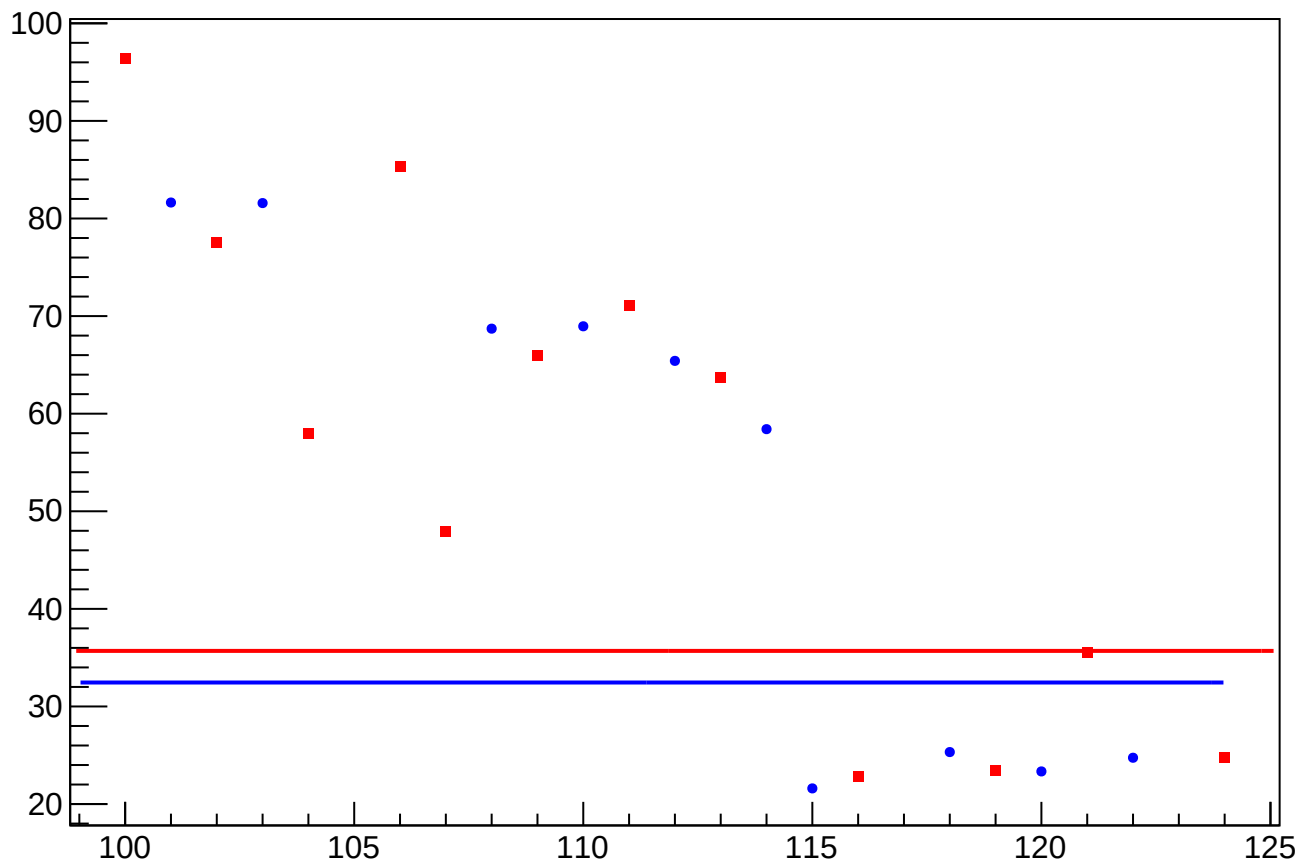
Right: 0.010+/-0.013 χ^2/NDF : 19.1/21

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.013 χ^2/NDF : 19.1/21

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.454+/-0.013 χ^2/NDF : 1937903.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.694+/-0.013 χ^2/NDF : 1882061.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

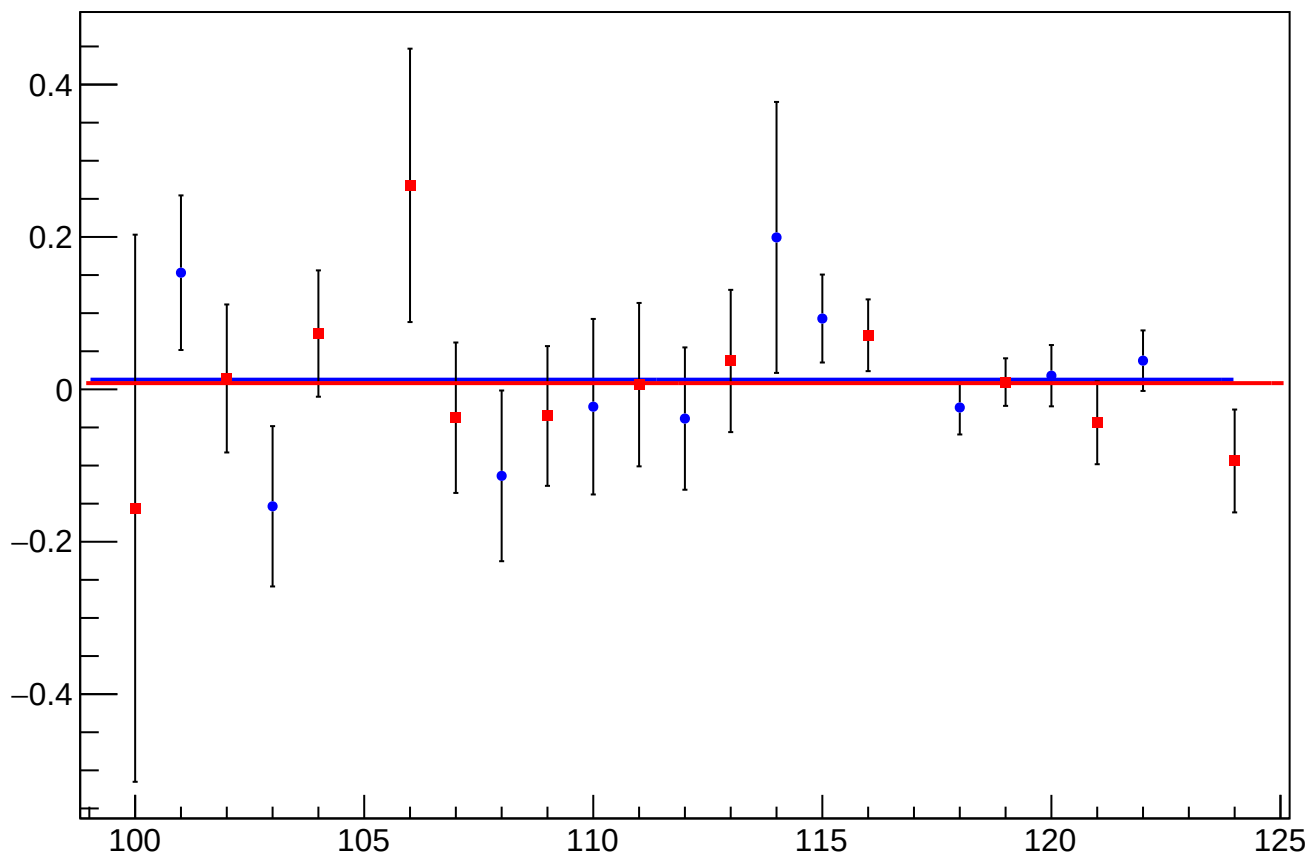
Right: 34.048+/-0.009 χ^2/NDF : 3849272.2/21

In: 32.454+/-0.013 χ^2/NDF : 1937903.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.048+/-0.009 χ^2/NDF : 3849272.2/21

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.019 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.019 χ^2/NDF : 8.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

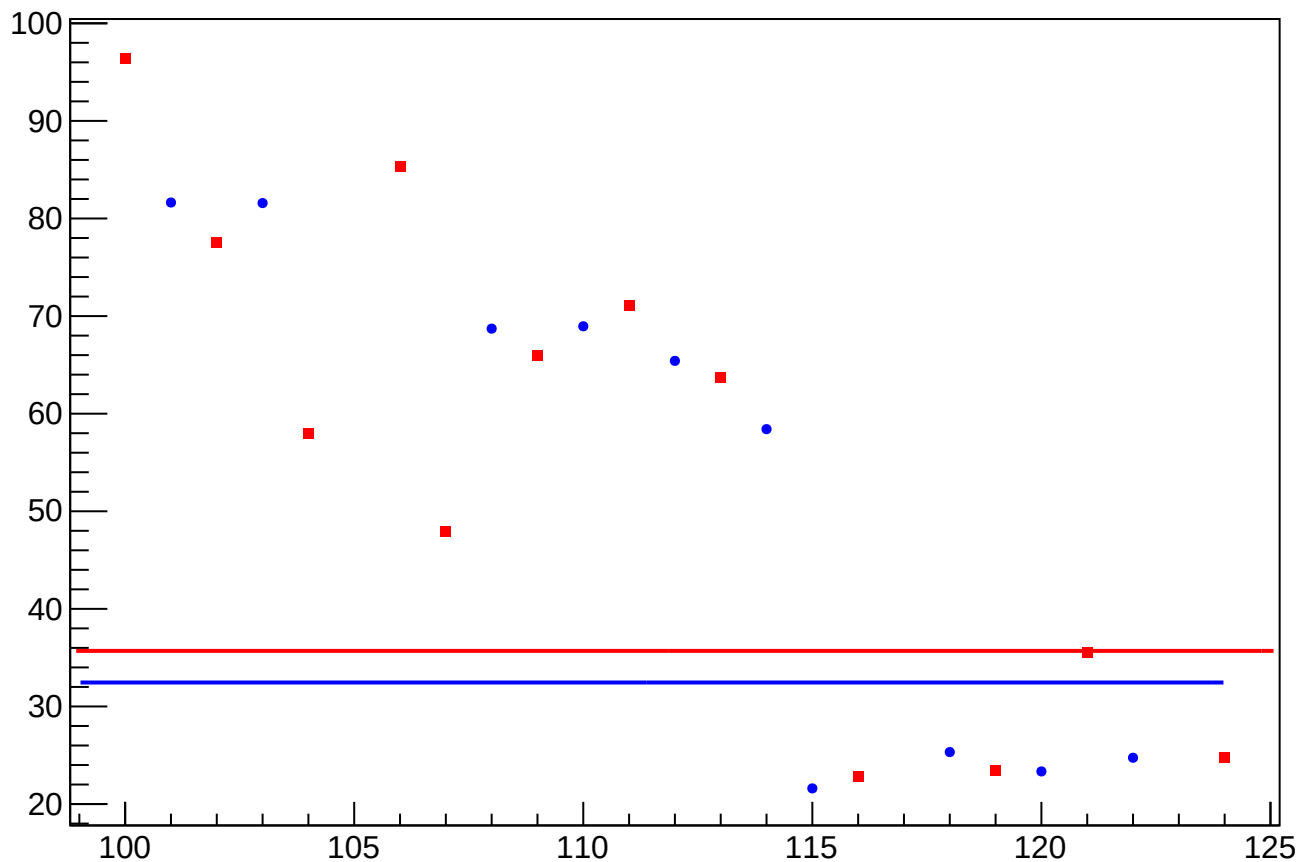
Right: 0.010+/-0.013 χ^2/NDF : 19.1/21

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.013 χ^2/NDF : 19.1/21

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.454+/-0.013 χ^2/NDF : 1937903.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.694+/-0.013 χ^2/NDF : 1882061.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

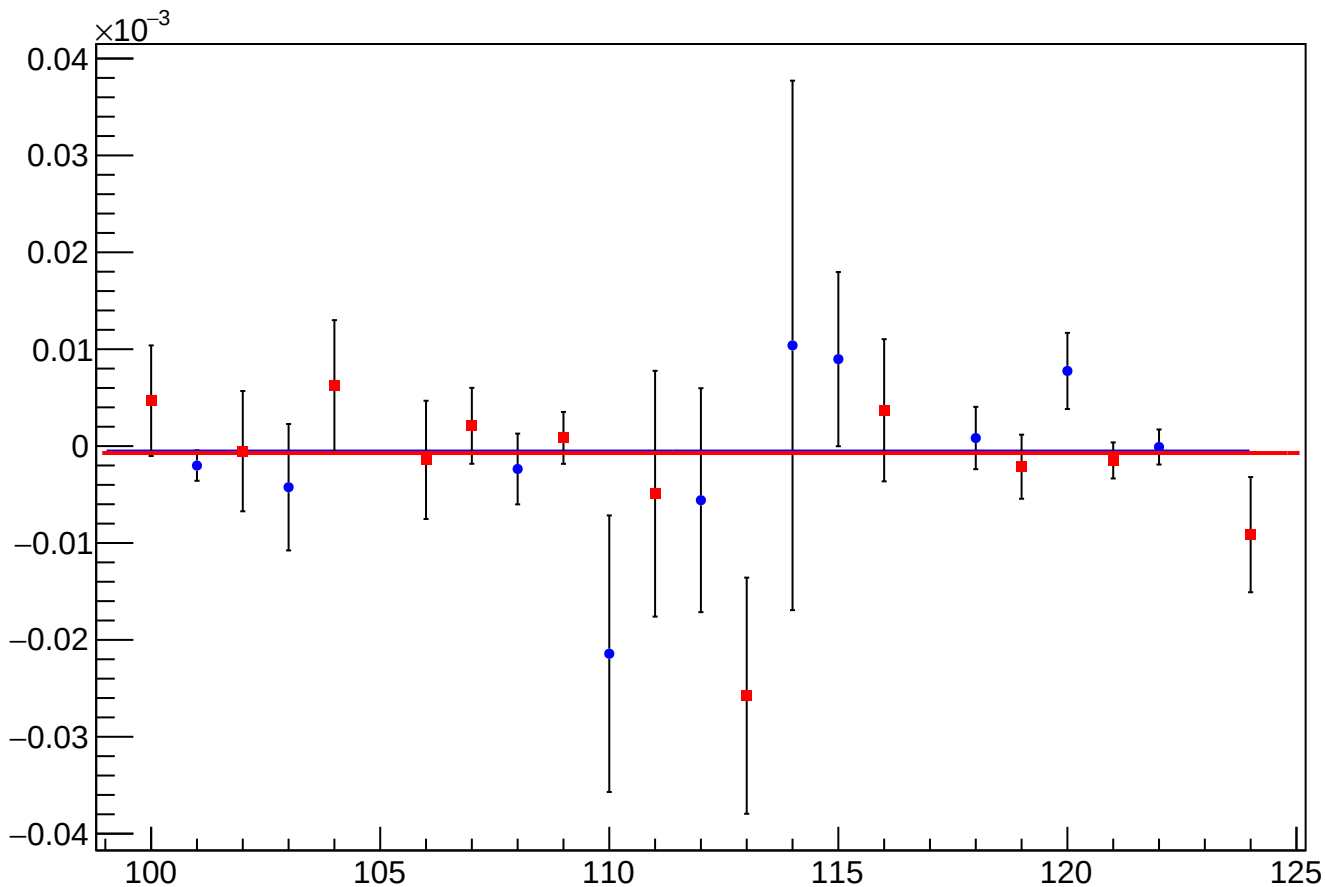
Right: 34.048+/-0.009 χ^2/NDF : 3849272.2/21

In: 32.454+/-0.013 χ^2/NDF : 1937903.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.048+/-0.009 χ^2/NDF : 3849272.2/21

asym_sam_1526_avg_eigen_dit_vs_dit_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 : 9.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

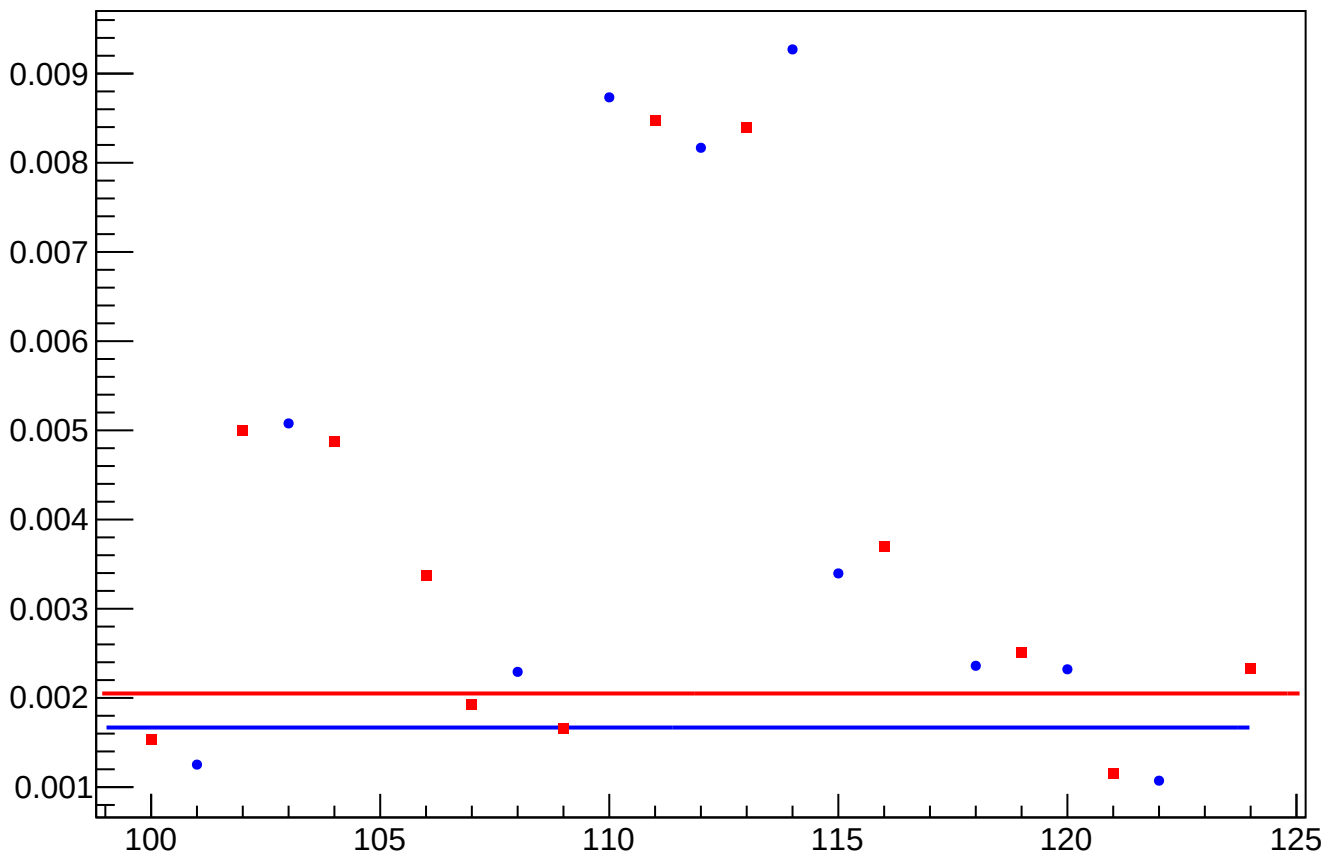
Right: -0.000+/-0.000 χ^2/NDF : 19.6/21

In: -0.000+/-0.000 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.6/21

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2461219.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2614030.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

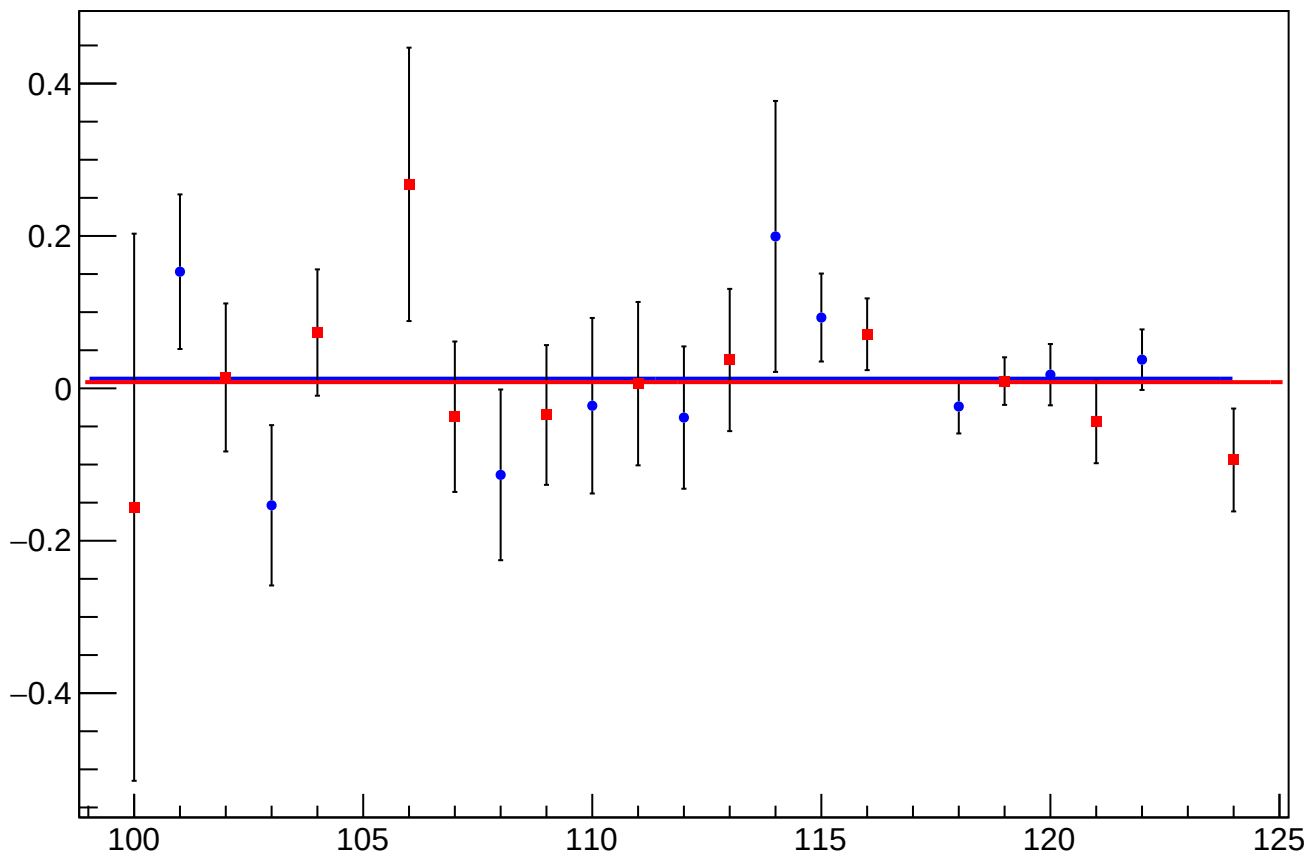
Right: 0.002+/-0.000 χ^2/NDF : 5199964.6/21

In: 0.002+/-0.000 χ^2/NDF :2461219.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5199964.6/21

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.019 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.019 χ^2/NDF : 8.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

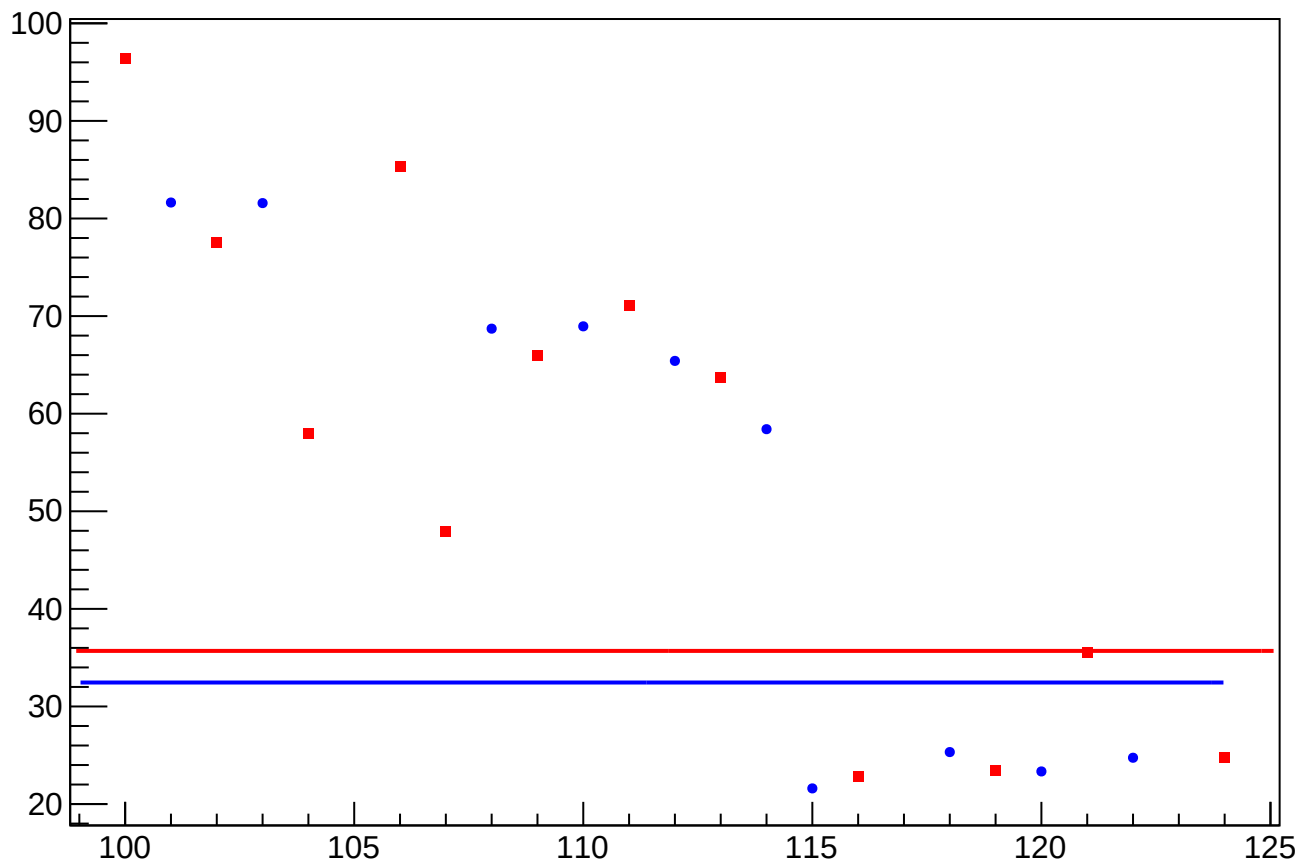
Right: 0.010+/-0.013 χ^2/NDF : 19.1/21

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.013 χ^2/NDF : 19.1/21

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.455+/-0.013 χ^2/NDF : 1937831.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.694+/-0.013 χ^2/NDF : 1881986.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

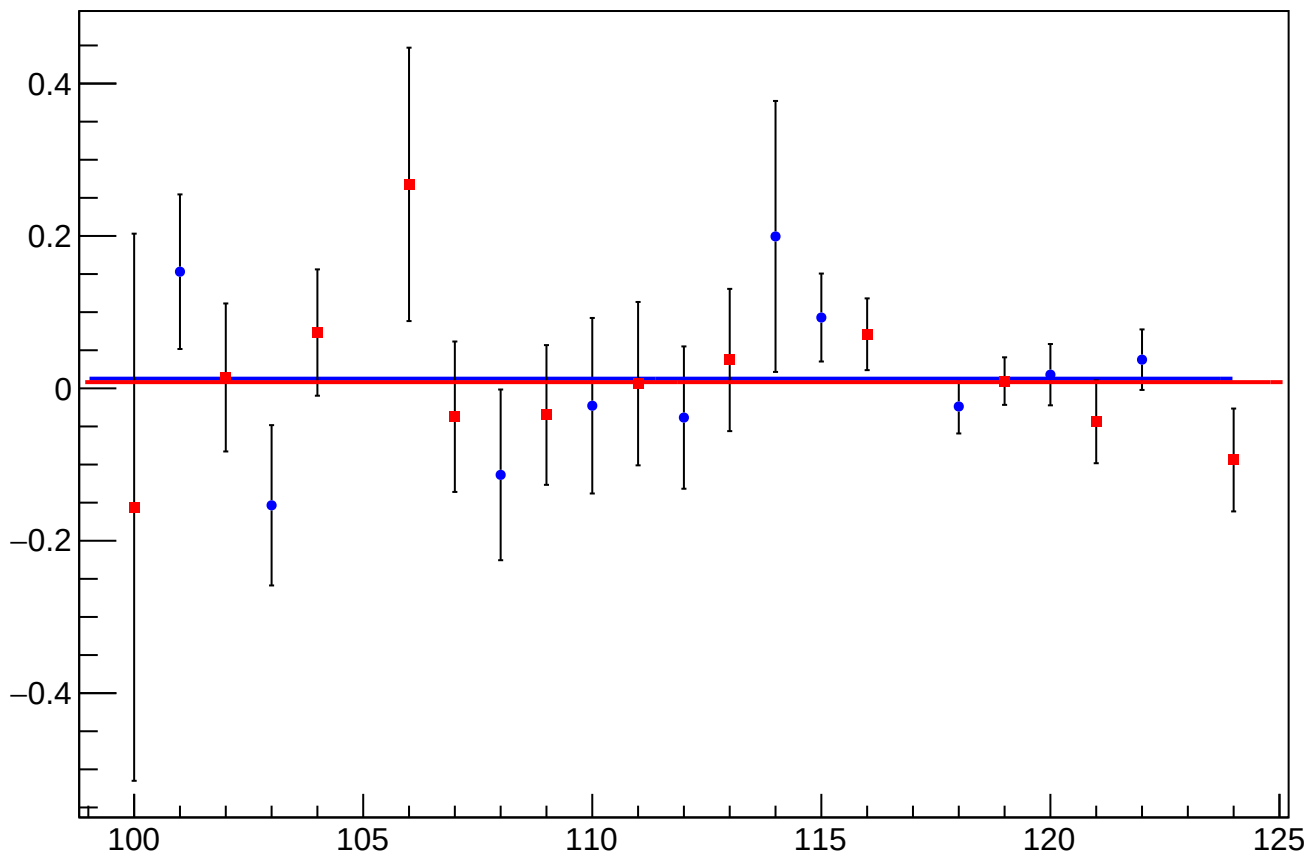
Right: 34.048+/-0.009 χ^2/NDF : 3849120.3/21

In: 32.455+/-0.013 χ^2/NDF : 1937831.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.048+/-0.009 χ^2/NDF : 3849120.3/21

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.019 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.019 χ^2/NDF : 8.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

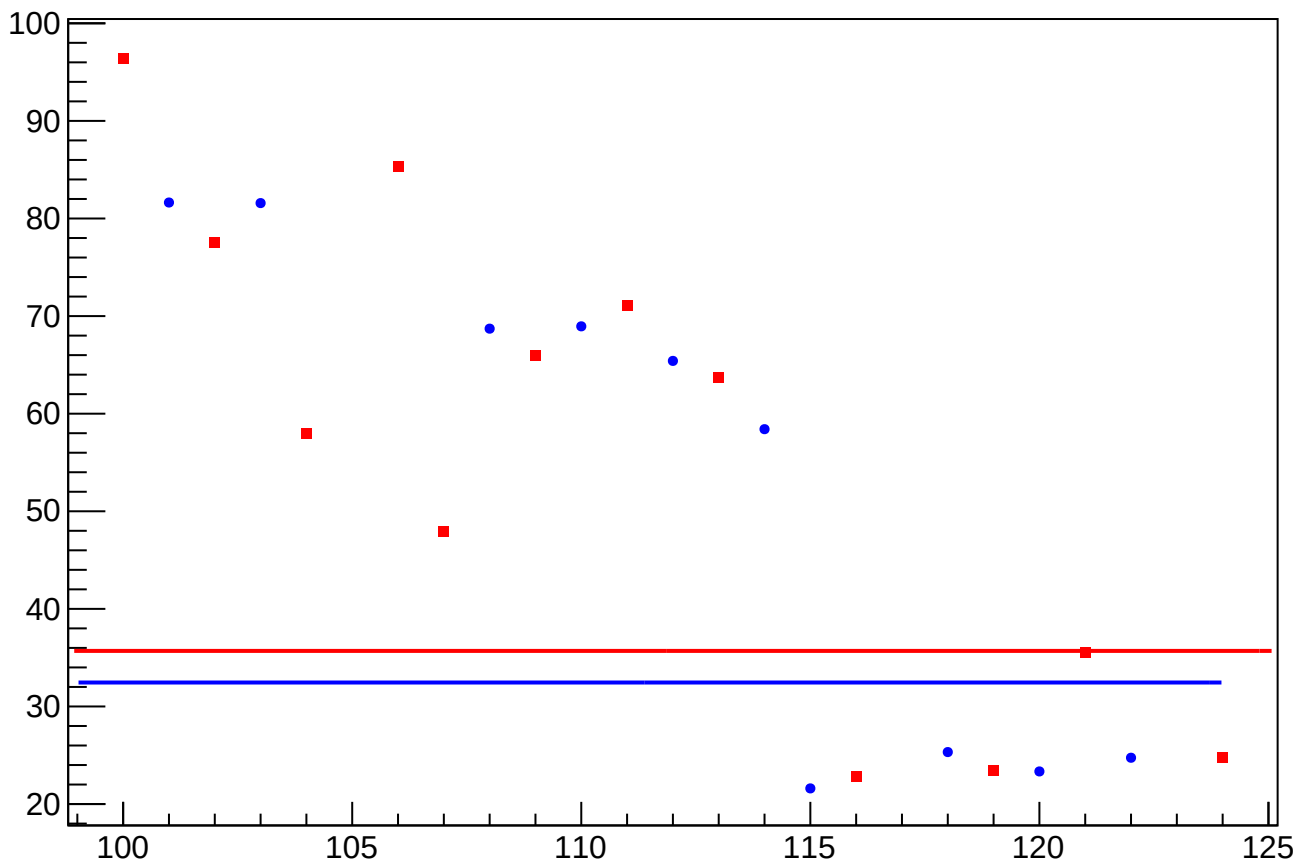
Right: 0.010+/-0.013 χ^2/NDF : 19.1/21

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.013 χ^2/NDF : 19.1/21

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.455+/-0.013 χ^2/NDF : 1937831.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.694+/-0.013 χ^2/NDF : 1881986.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

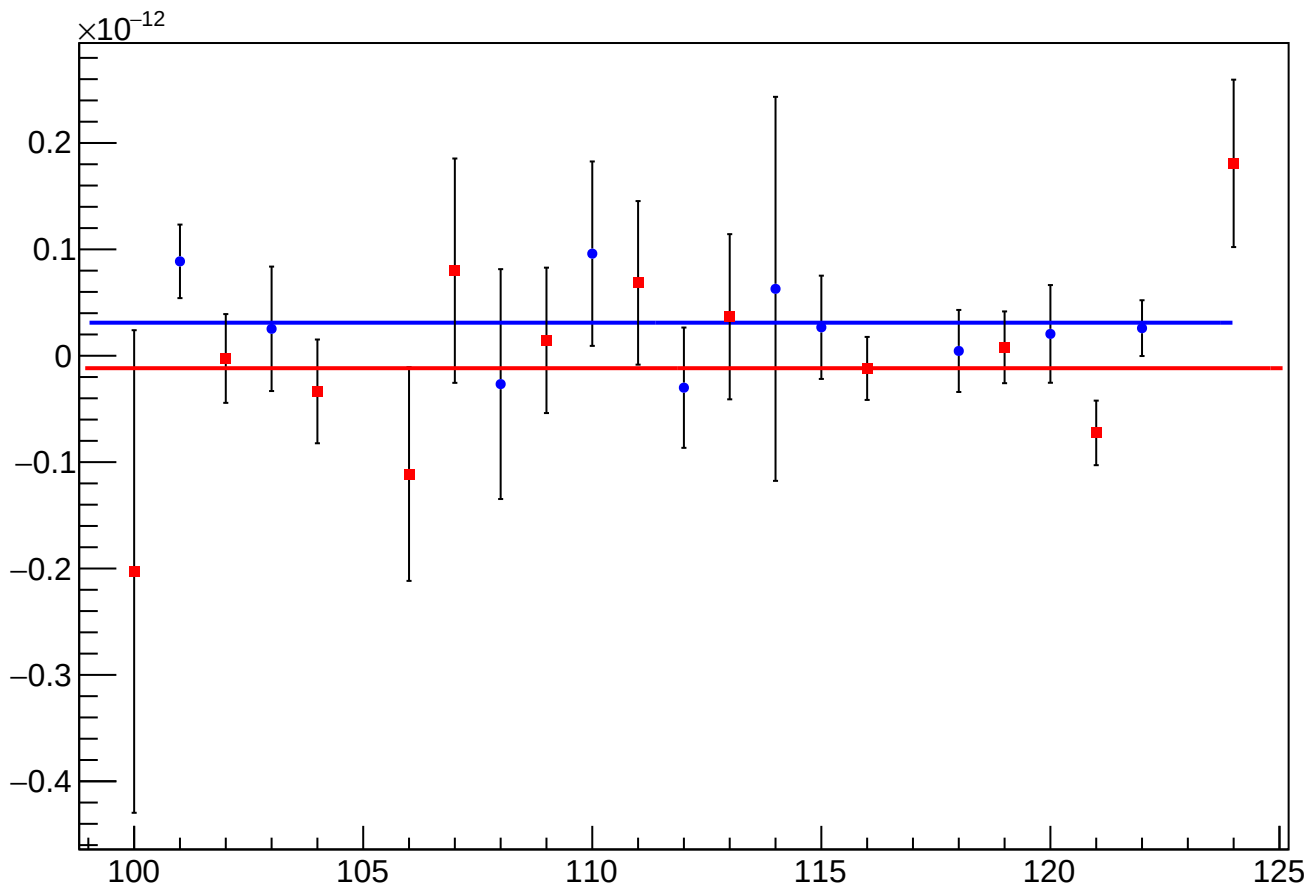
Right: 34.048+/-0.009 χ^2/NDF : 3849120.3/21

In: 32.455+/-0.013 χ^2/NDF : 1937831.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.048+/-0.009 χ^2/NDF : 3849120.3/21

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

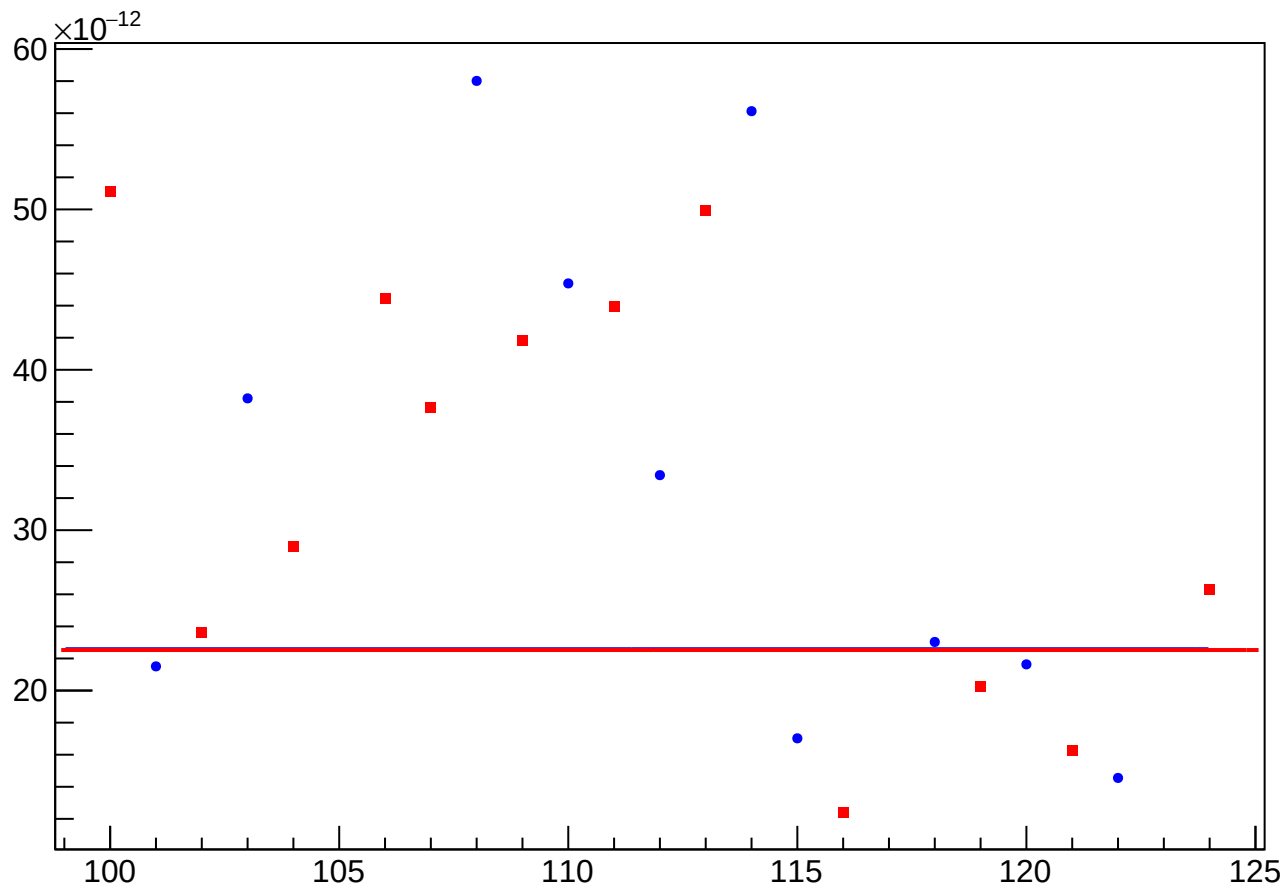
Right: 0.000+/-0.000 χ^2/NDF : 24.5/21

In: 0.000+/-0.000 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.5/21

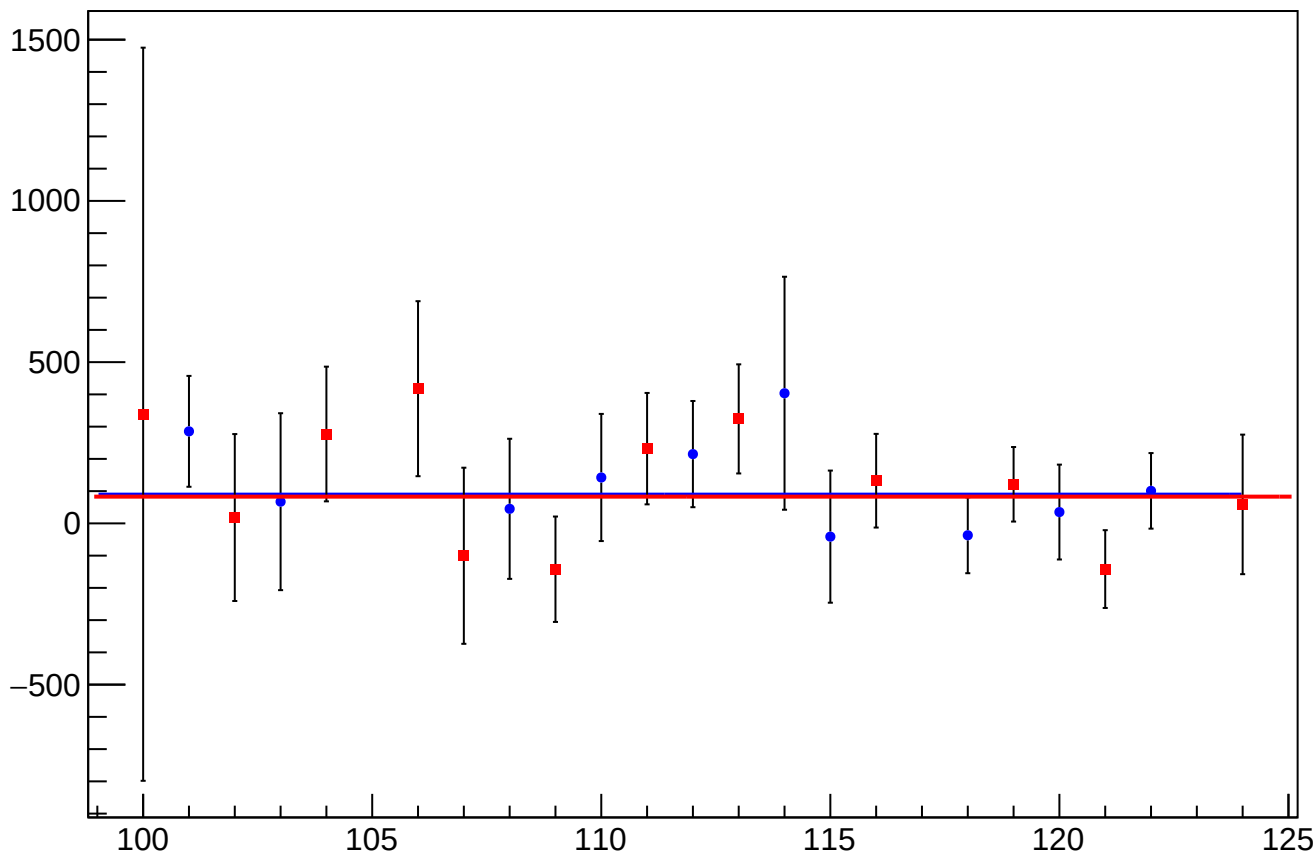
asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 856038.6/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1100659.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1956709.6/21
 In: 0.000+/-0.000 χ^2/NDF : 856038.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1956709.6/21

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 89.111+/-53.177 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.942+/-51.041 χ^2/NDF : 11.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

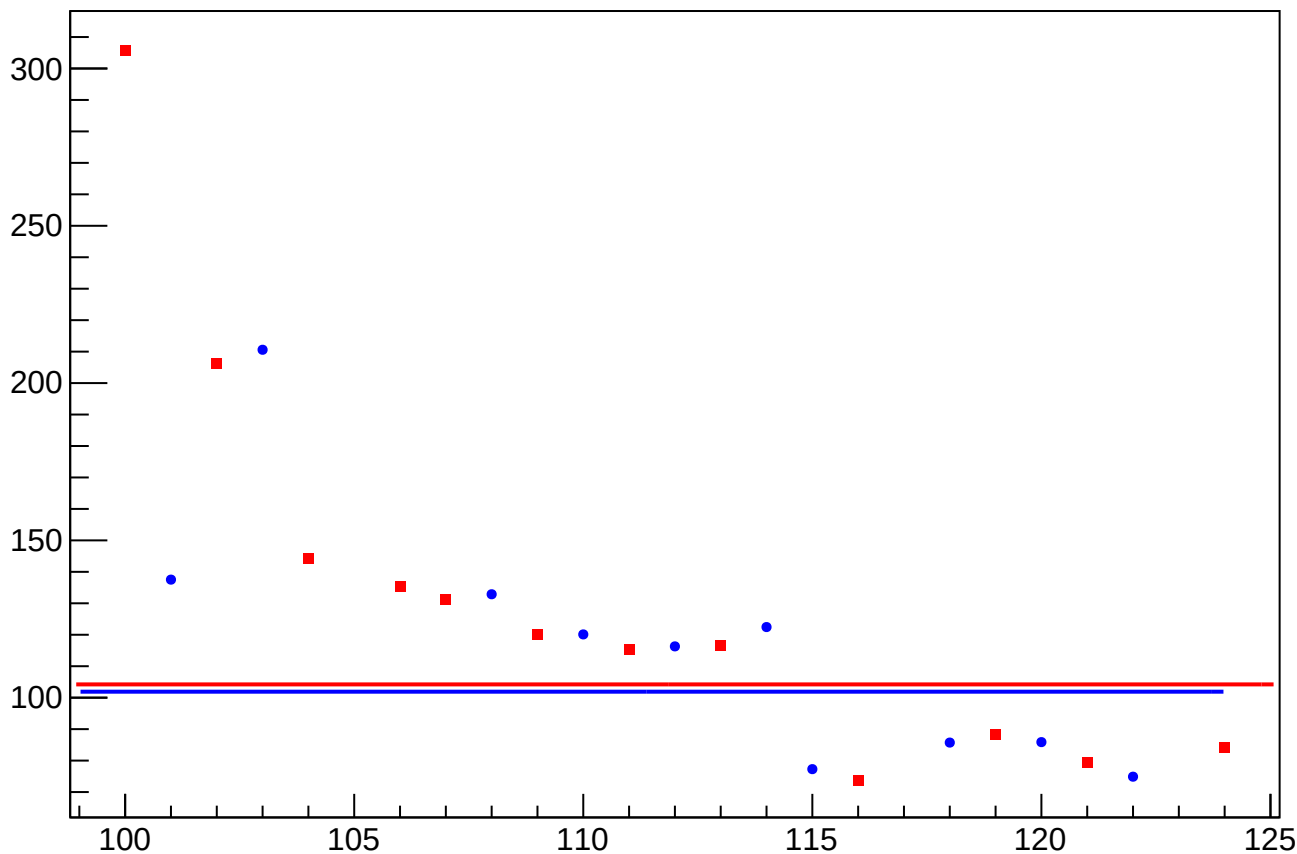
Right: 85.900+/-36.823 χ^2/NDF : 15.8/21

In: 89.111+/-53.177 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.900+/-36.823 χ^2/NDF : 15.8/21

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 101.903+/-0.038 χ^2/NDF : 676048.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.220+/-0.036 χ^2/NDF : 758658.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

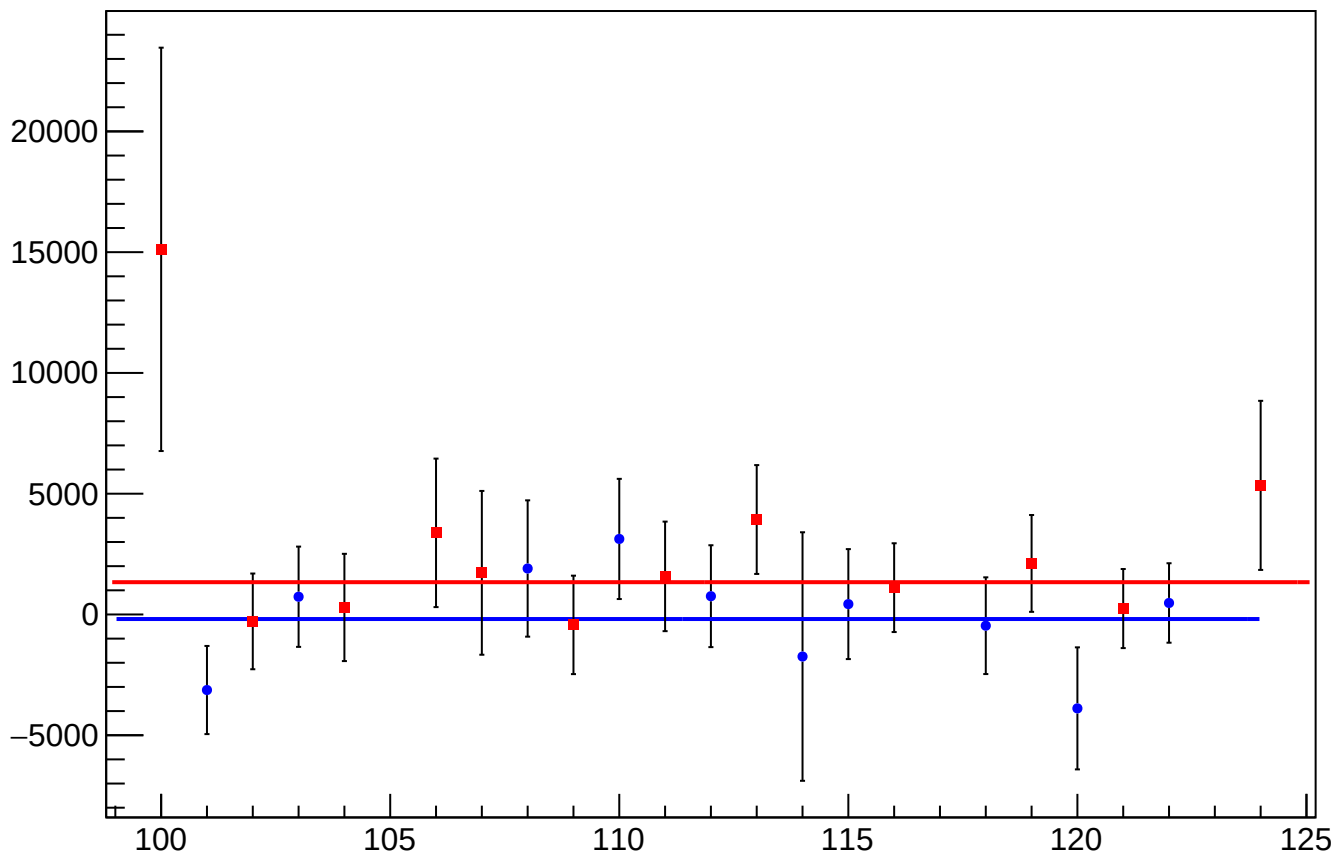
Right: 103.109+/-0.026 χ^2/NDF : 1436683.9/21

In: 101.903+/-0.038 χ^2/NDF : 676048.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.109+/-0.026 χ^2/NDF : 1436683.9/21

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -188.652+/-698.281 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.565+/-659.871 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

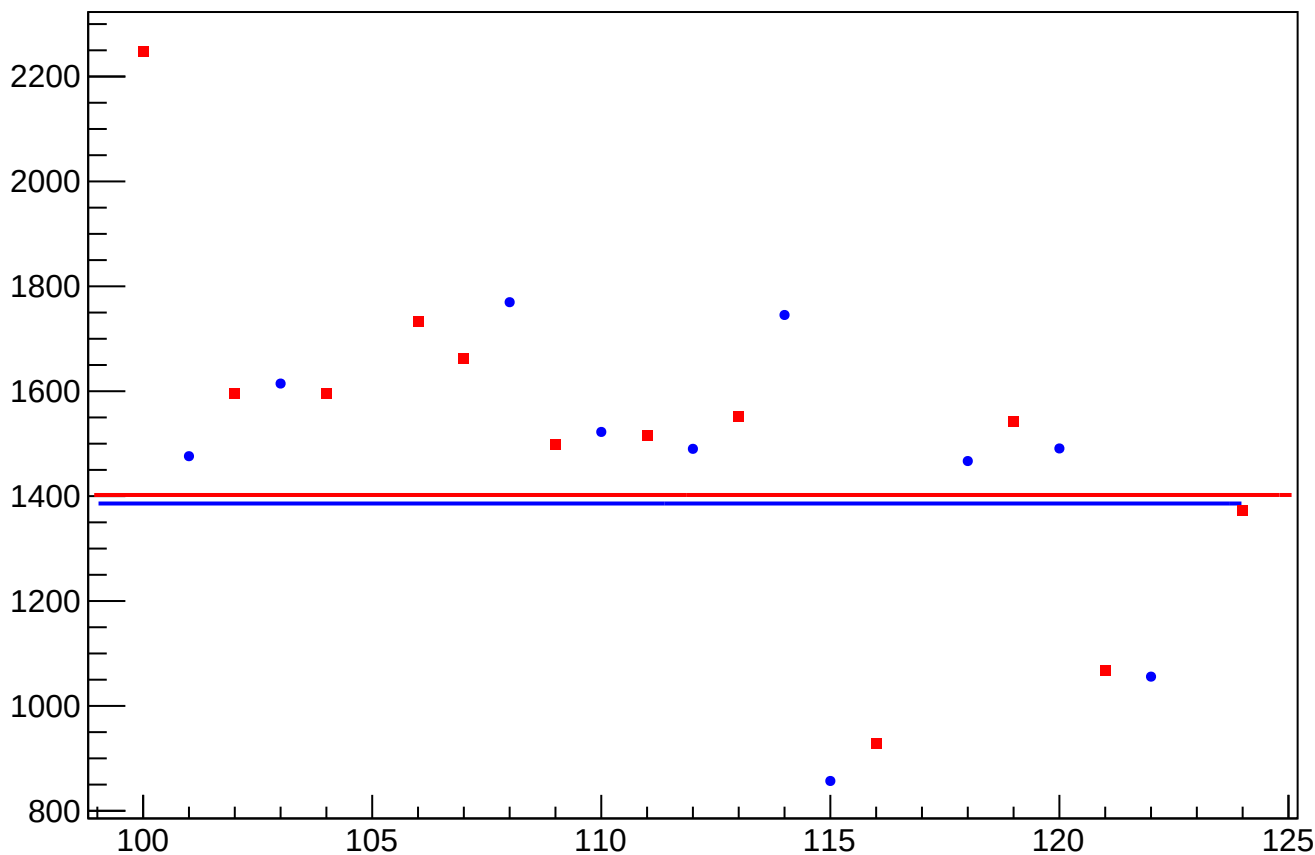
Right: 617.057+/-479.603 χ^2/NDF : 18.4/21

In: -188.652+/-698.281 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.057+/-479.603 χ^2/NDF : 18.4/21

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1385.923+/-0.494 χ^2/NDF : 282091.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1402.177+/-0.467 χ^2/NDF : 334895.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

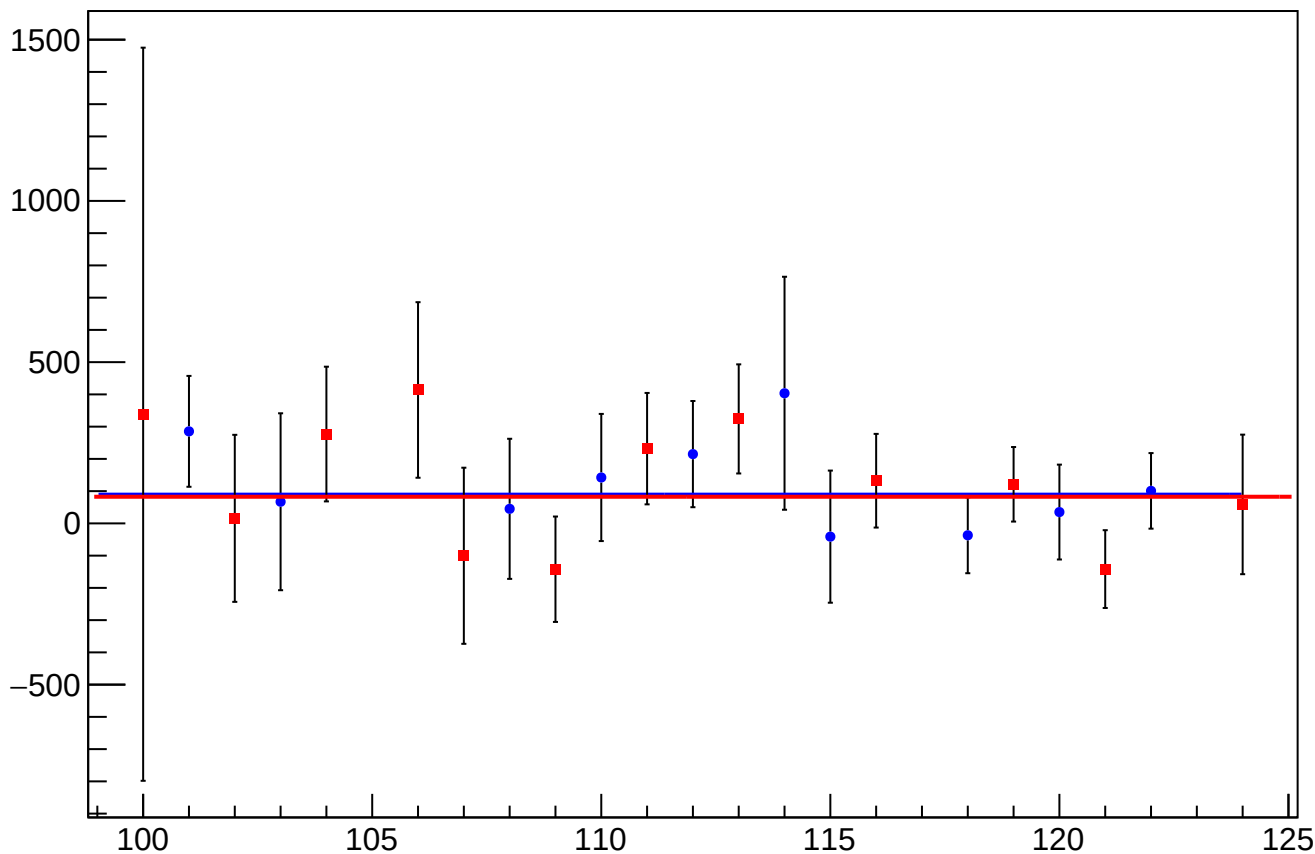
Right: 1394.510+/-0.339 χ^2/NDF : 617559.7/21

In: 1385.923+/-0.494 χ^2/NDF : 282091.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.510+/-0.339 χ^2/NDF : 617559.7/21

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 89.100+/-53.177 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.625+/-51.048 χ^2/NDF : 11.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

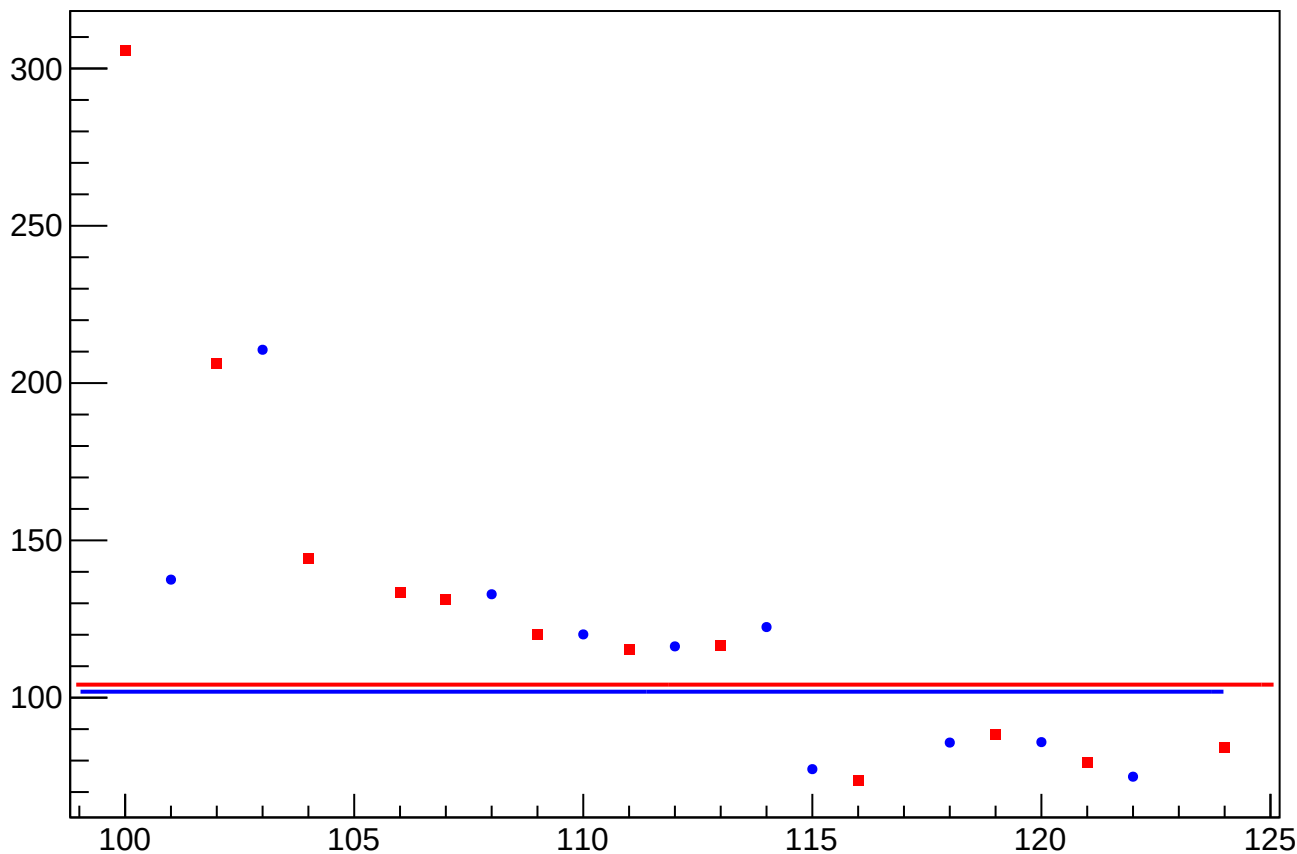
Right: 85.730+/-36.826 χ^2/NDF : 15.8/21

In: 89.100+/-53.177 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.730+/-36.826 χ^2/NDF : 15.8/21

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 101.903+/-0.038 χ^2/NDF : 676051.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.145+/-0.036 χ^2/NDF : 755640.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

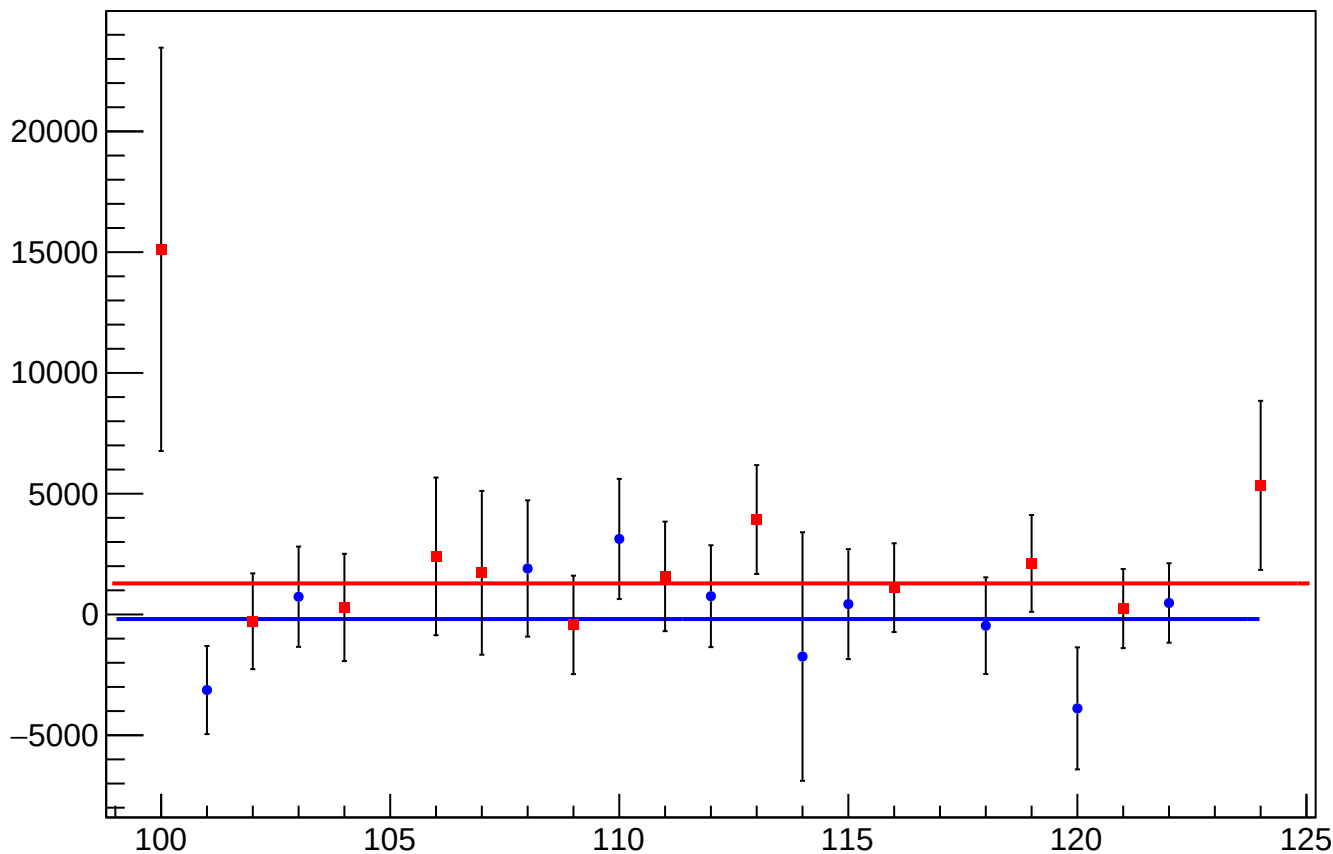
Right: 103.070+/-0.026 χ^2/NDF : 1433541.1/21

In: 101.903+/-0.038 χ^2/NDF : 676051.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.070+/-0.026 χ^2/NDF : 1433541.1/21

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -188.564 $\pm$ 698.287 χ^2 /NDF: 7.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1286.735 $\pm$ 661.662 χ^2 /NDF: 7.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

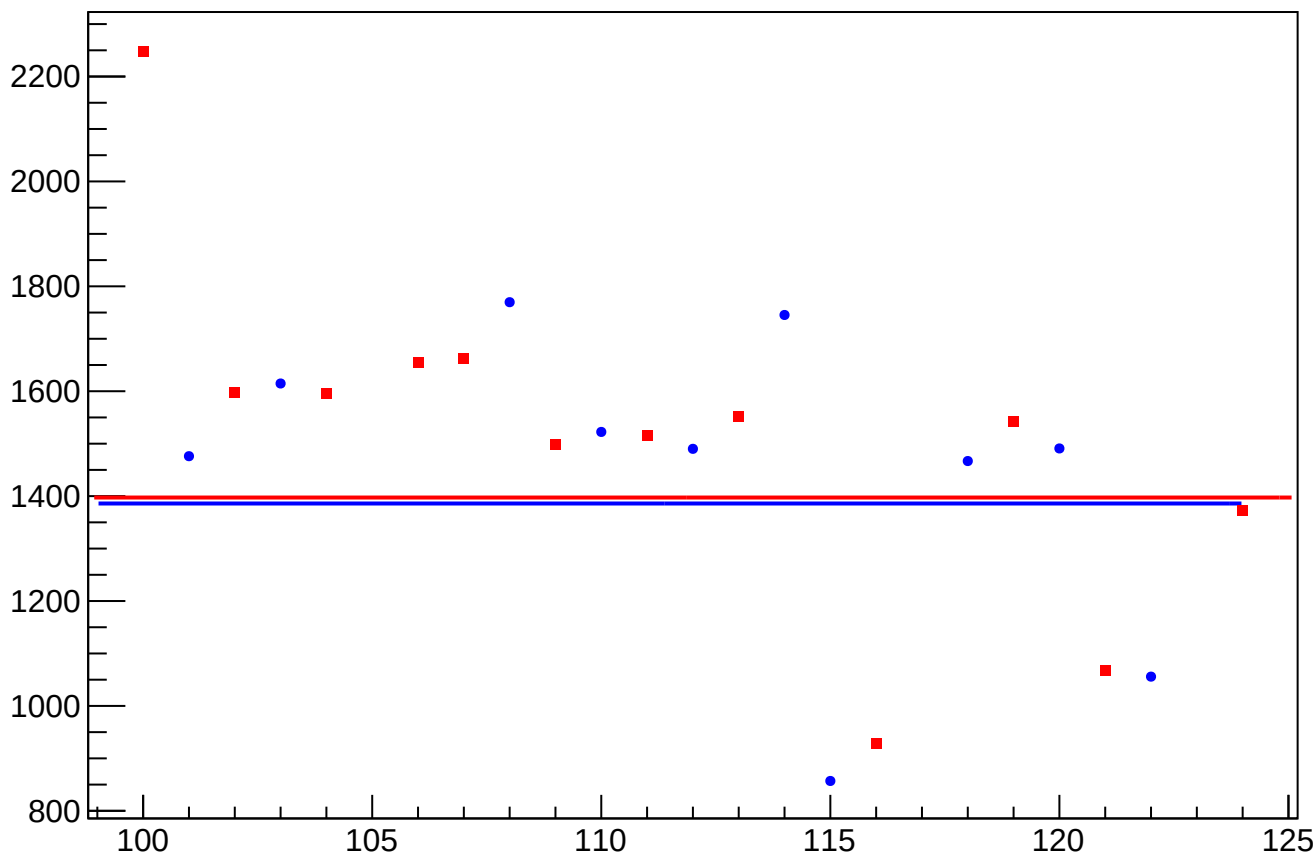
Right: 588.788 $\pm$ 480.292 χ^2 /NDF: 17.9/21

In: -188.564 $\pm$ 698.287 χ^2 /NDF:7.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 588.788 $\pm$ 480.292 χ^2 /NDF: 17.9/21

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1385.932+/-0.494 χ^2/NDF : 282112.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1397.323+/-0.468 χ^2/NDF : 323795.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

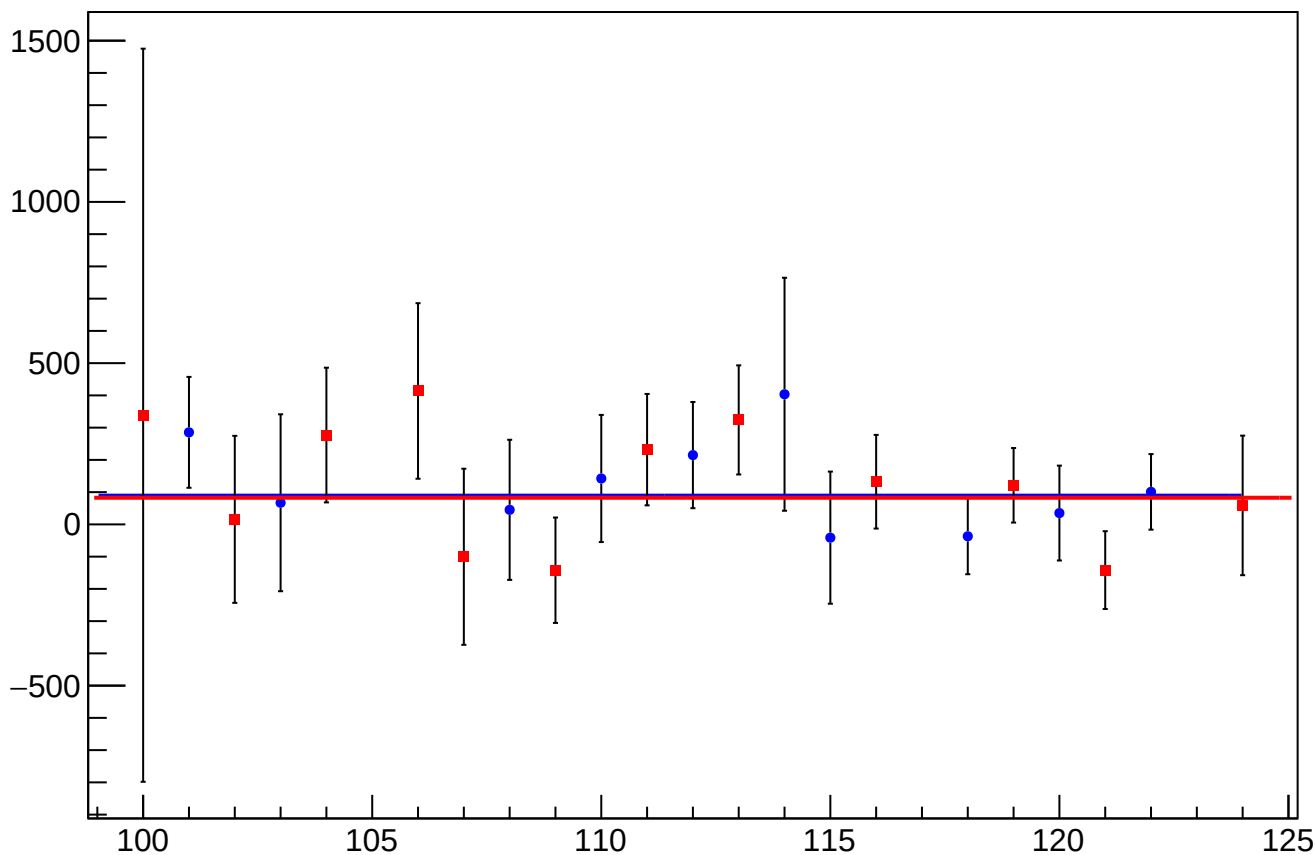
Right: 1391.934+/-0.340 χ^2/NDF : 606189.0/21

In: 1385.932+/-0.494 χ^2/NDF : 282112.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1391.934+/-0.340 χ^2/NDF : 606189.0/21

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 89.100+/-53.177 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.625+/-51.048 χ^2/NDF : 11.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

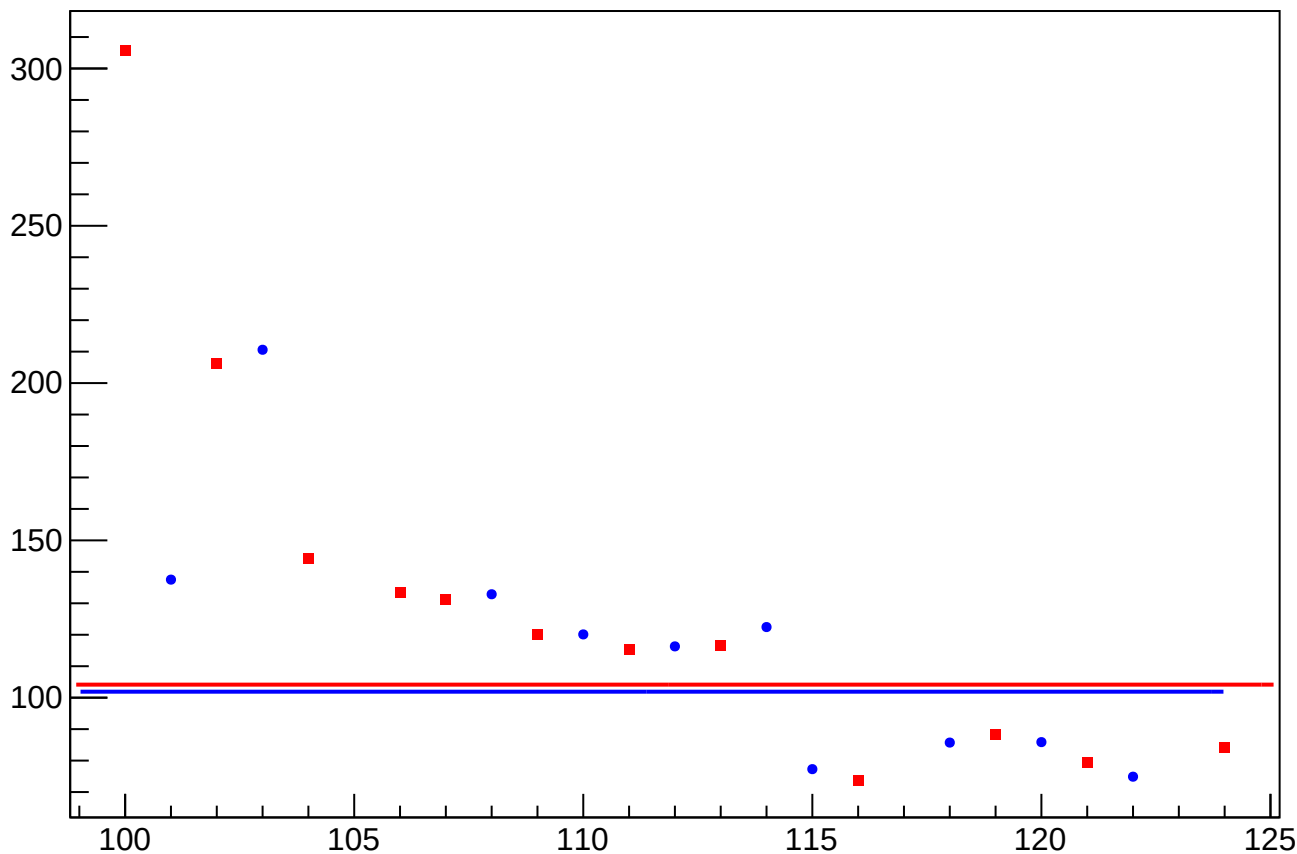
Right: 85.730+/-36.826 χ^2/NDF : 15.8/21

In: 89.100+/-53.177 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.730+/-36.826 χ^2/NDF : 15.8/21

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 101.903+/-0.038 χ^2/NDF : 676051.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.145+/-0.036 χ^2/NDF : 755640.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

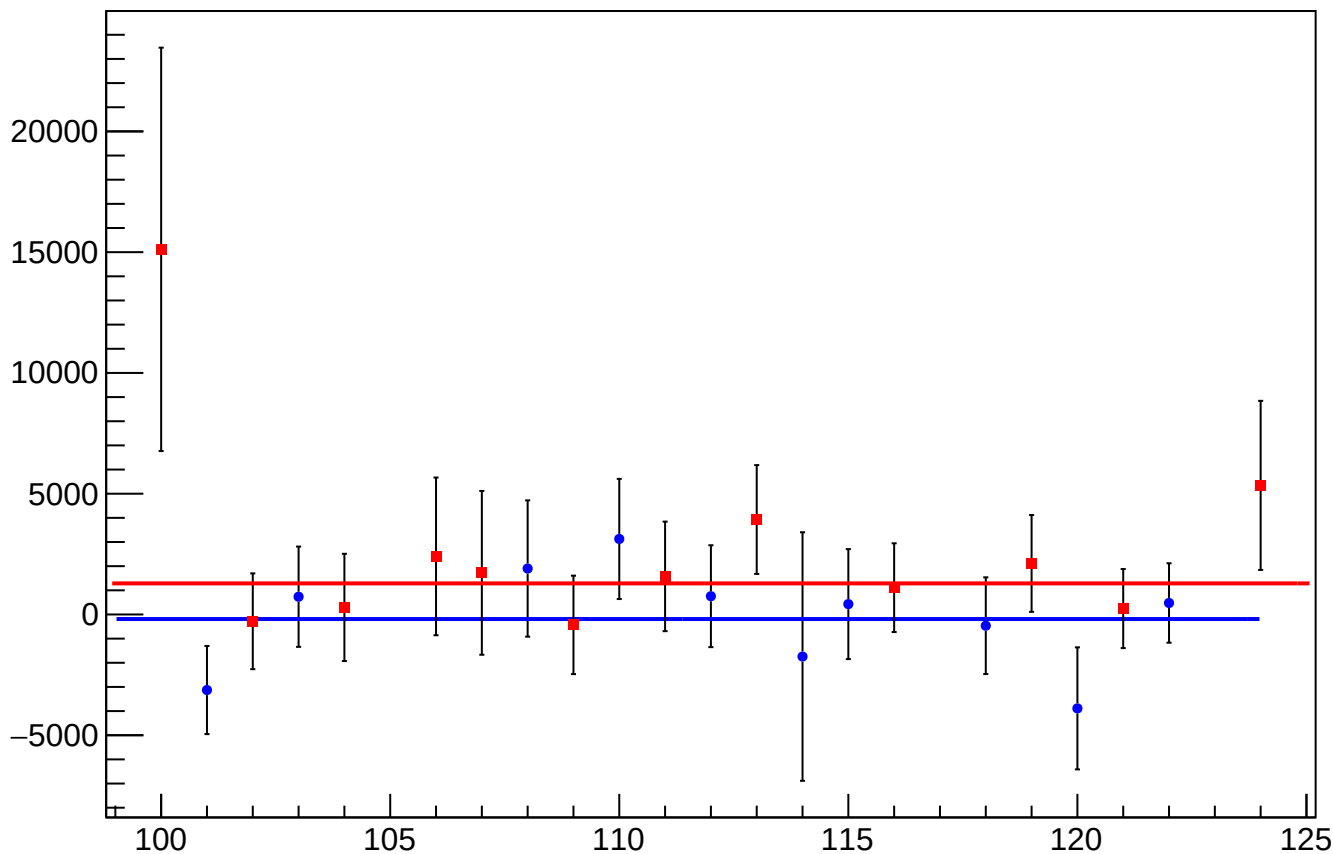
Right: 103.070+/-0.026 χ^2/NDF : 1433541.1/21

In: 101.903+/-0.038 χ^2/NDF : 676051.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.070+/-0.026 χ^2/NDF : 1433541.1/21

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -188.564+/-698.287 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.735+/-661.662 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

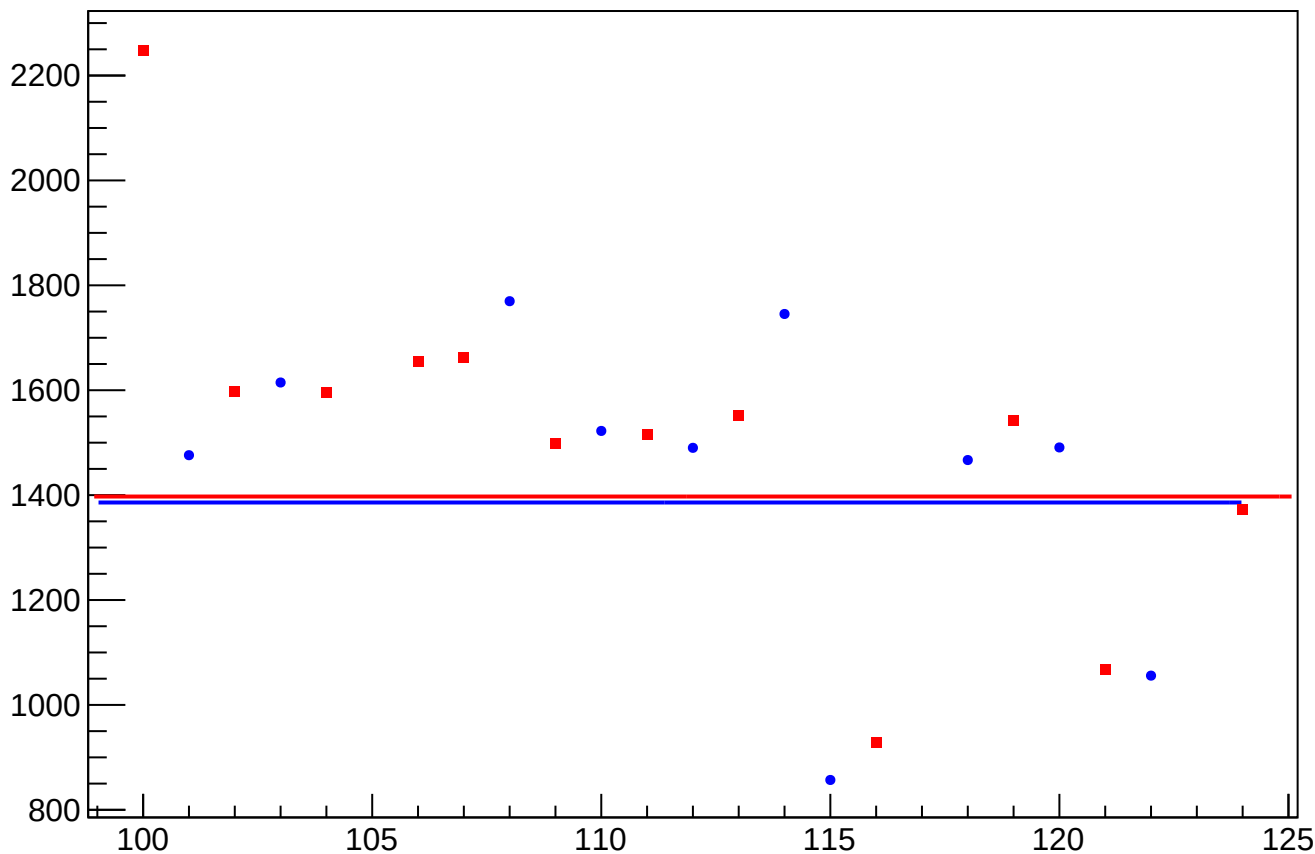
Right: 588.788+/-480.292 χ^2/NDF : 17.9/21

In: -188.564+/-698.287 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 588.788+/-480.292 χ^2/NDF : 17.9/21

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1385.932+/-0.494 χ^2/NDF : 282112.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1397.323+/-0.468 χ^2/NDF : 323795.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

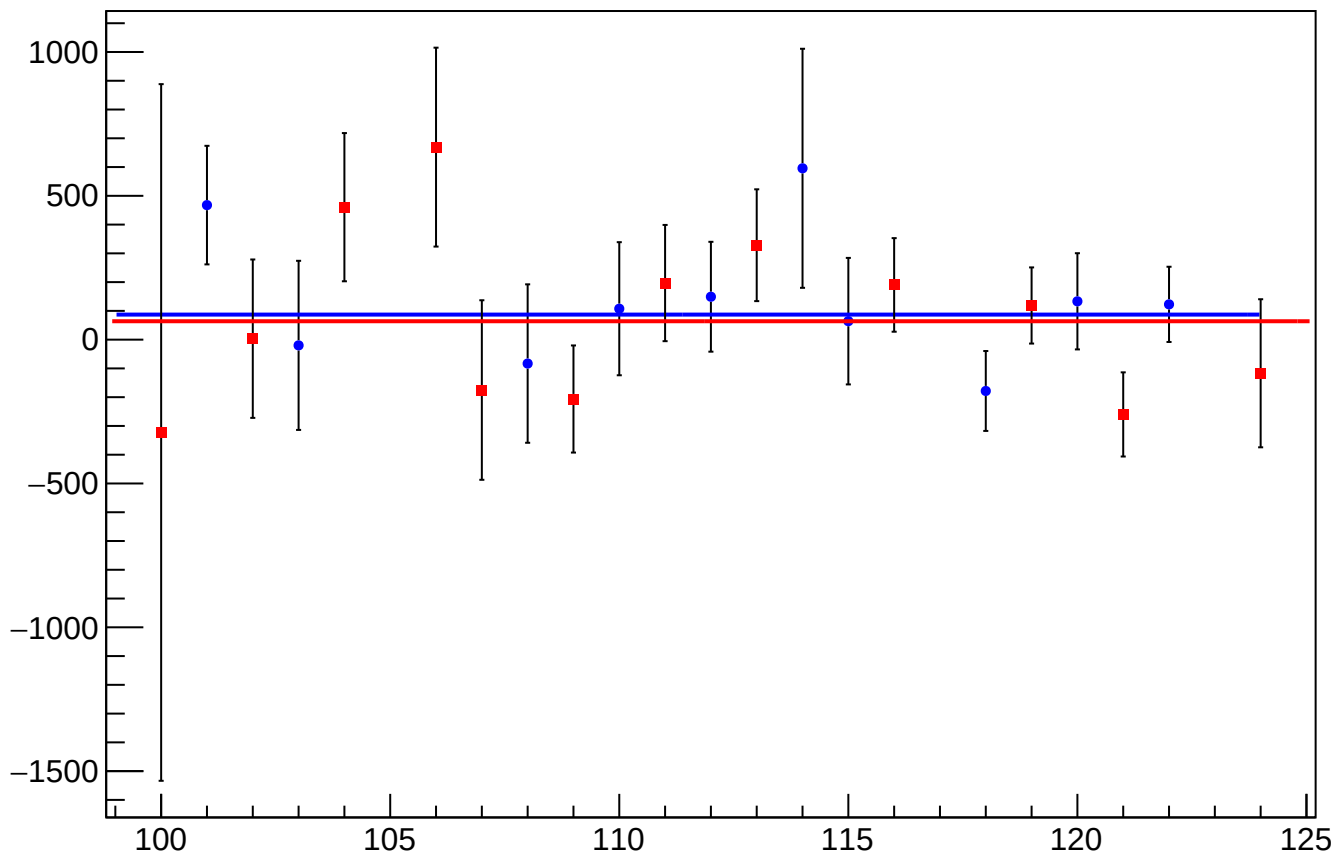
Right: 1391.934+/-0.340 χ^2/NDF : 606189.0/21

In: 1385.932+/-0.494 χ^2/NDF : 282112.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1391.934+/-0.340 χ^2/NDF : 606189.0/21

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 87.115+/-61.202 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.985+/-59.331 χ^2/NDF : 16.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

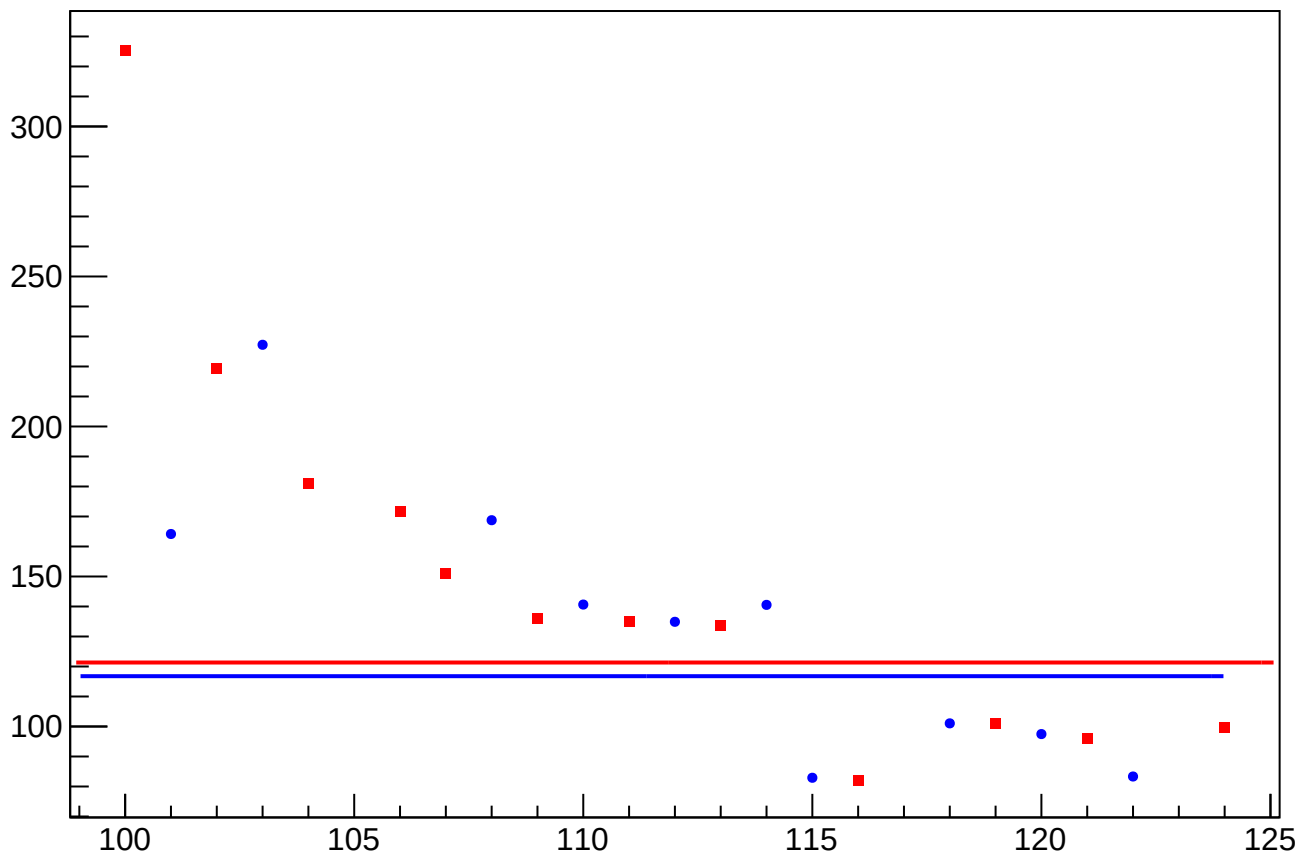
Right: 75.191+/-42.600 χ^2/NDF : 26.2/21

In: 87.115+/-61.202 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.191+/-42.600 χ^2/NDF : 26.2/21

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 116.770+/-0.043 χ^2/NDF : 735807.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.327+/-0.042 χ^2/NDF : 745455.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

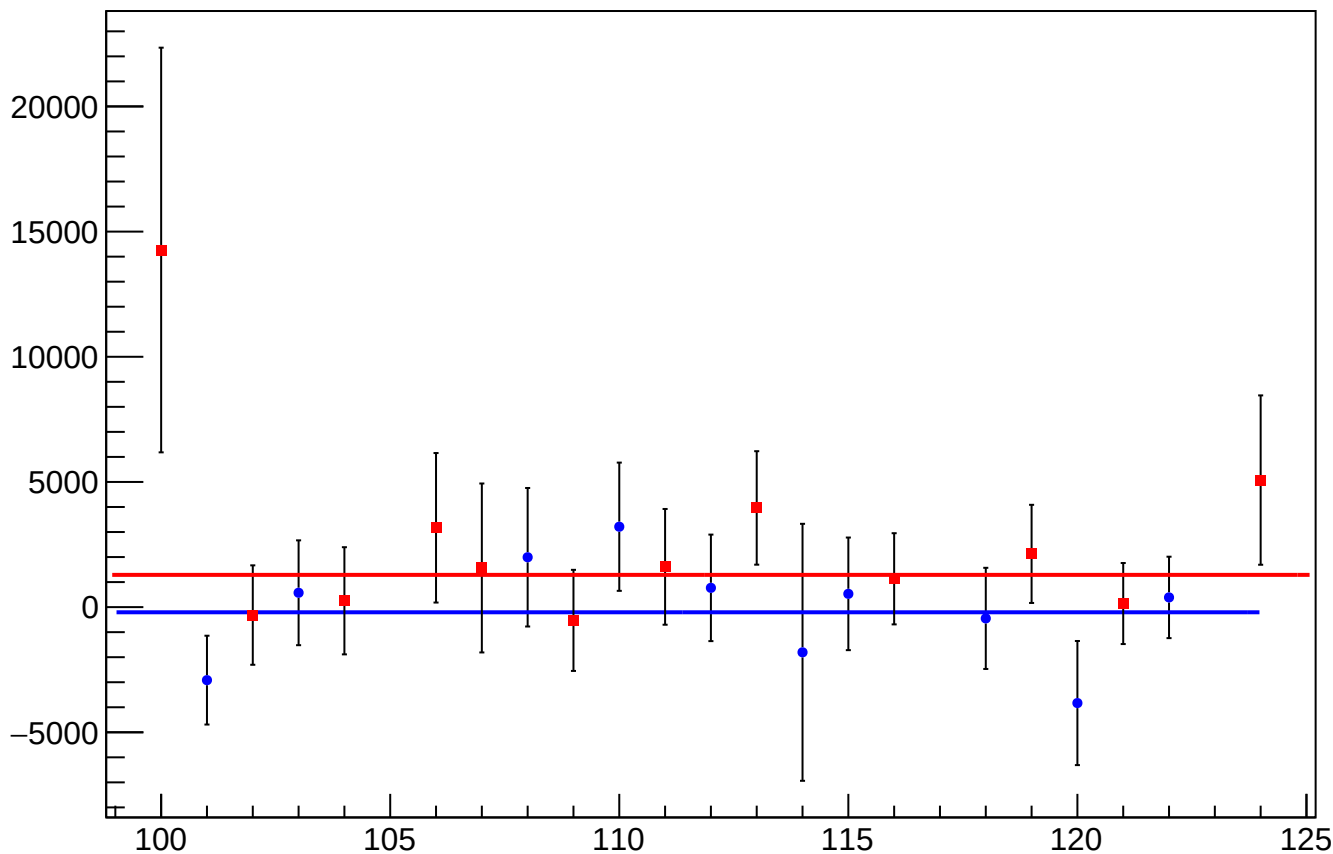
Right: 119.119+/-0.030 χ^2/NDF : 1486980.2/21

In: 116.770+/-0.043 χ^2/NDF : 735807.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.119+/-0.030 χ^2/NDF : 1486980.2/21

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -206.061+/-694.804 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.322+/-653.006 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

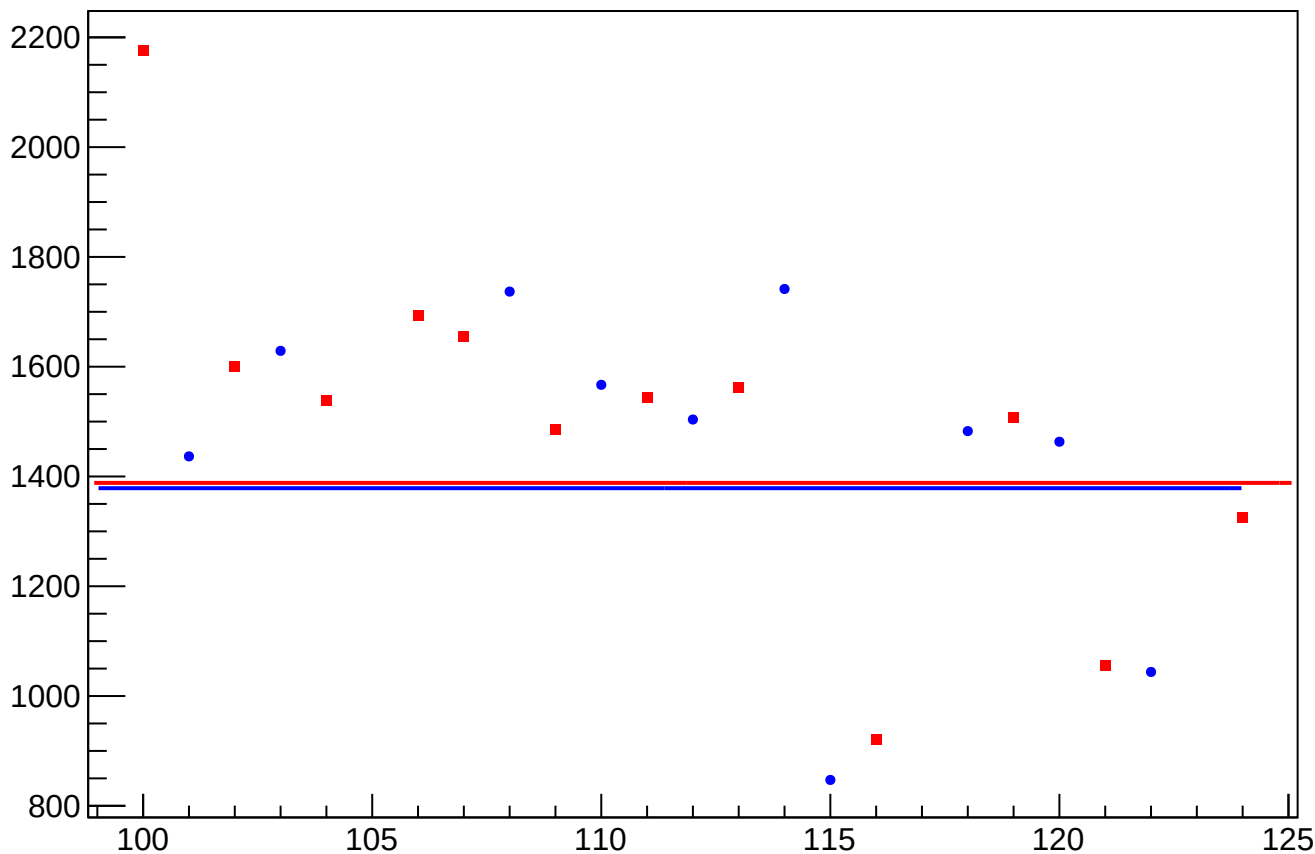
Right: 587.429+/-475.836 χ^2/NDF : 18.1/21

In: -206.061+/-694.804 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.429+/-475.836 χ^2/NDF : 18.1/21

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1378.648+/-0.491 χ^2/NDF : 296024.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1388.324+/-0.462 χ^2/NDF : 335148.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

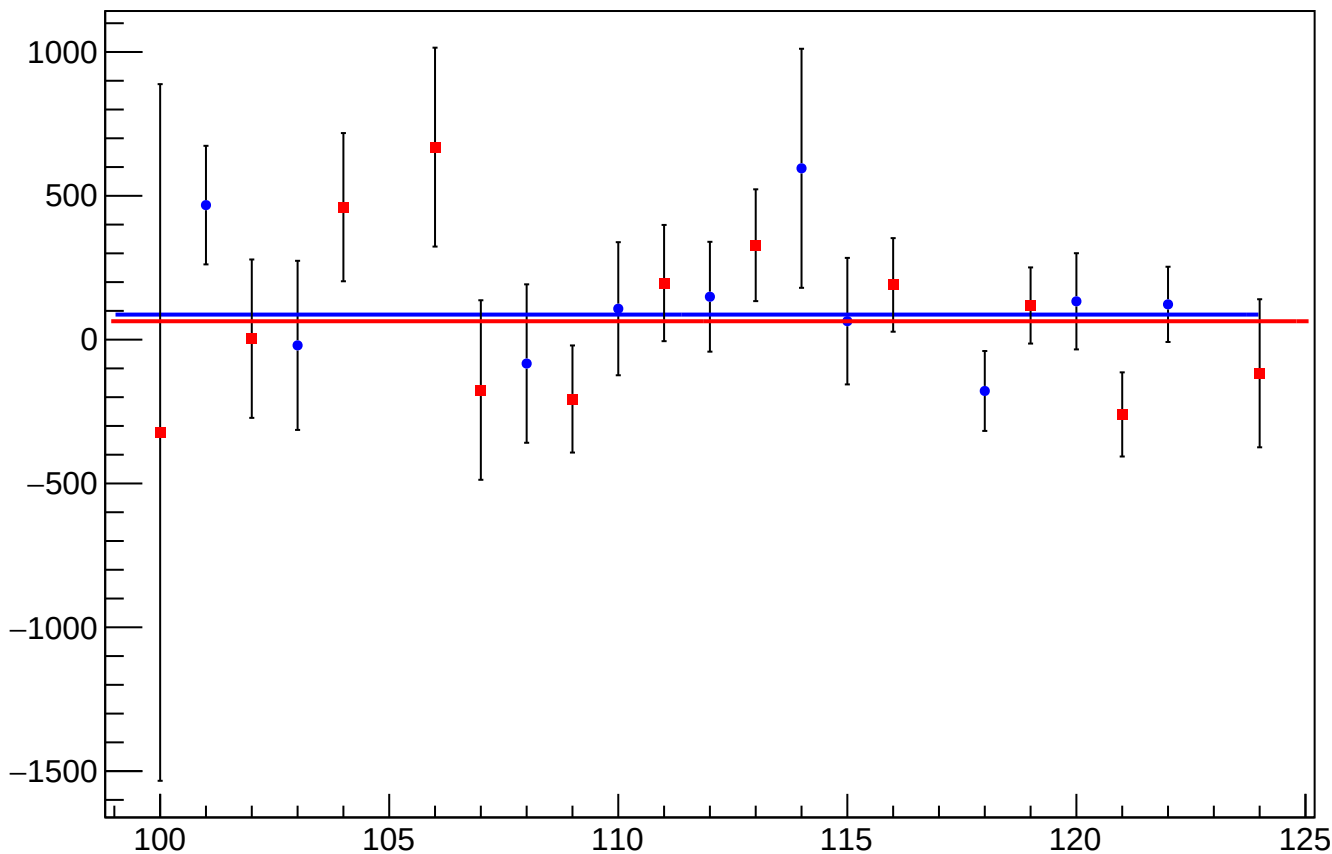
Right: 1383.786+/-0.336 χ^2/NDF : 631378.5/21

In: 1378.648+/-0.491 χ^2/NDF : 296024.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.786+/-0.336 χ^2/NDF : 631378.5/21

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 87.115+/-61.202 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.981+/-59.331 χ^2/NDF : 16.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

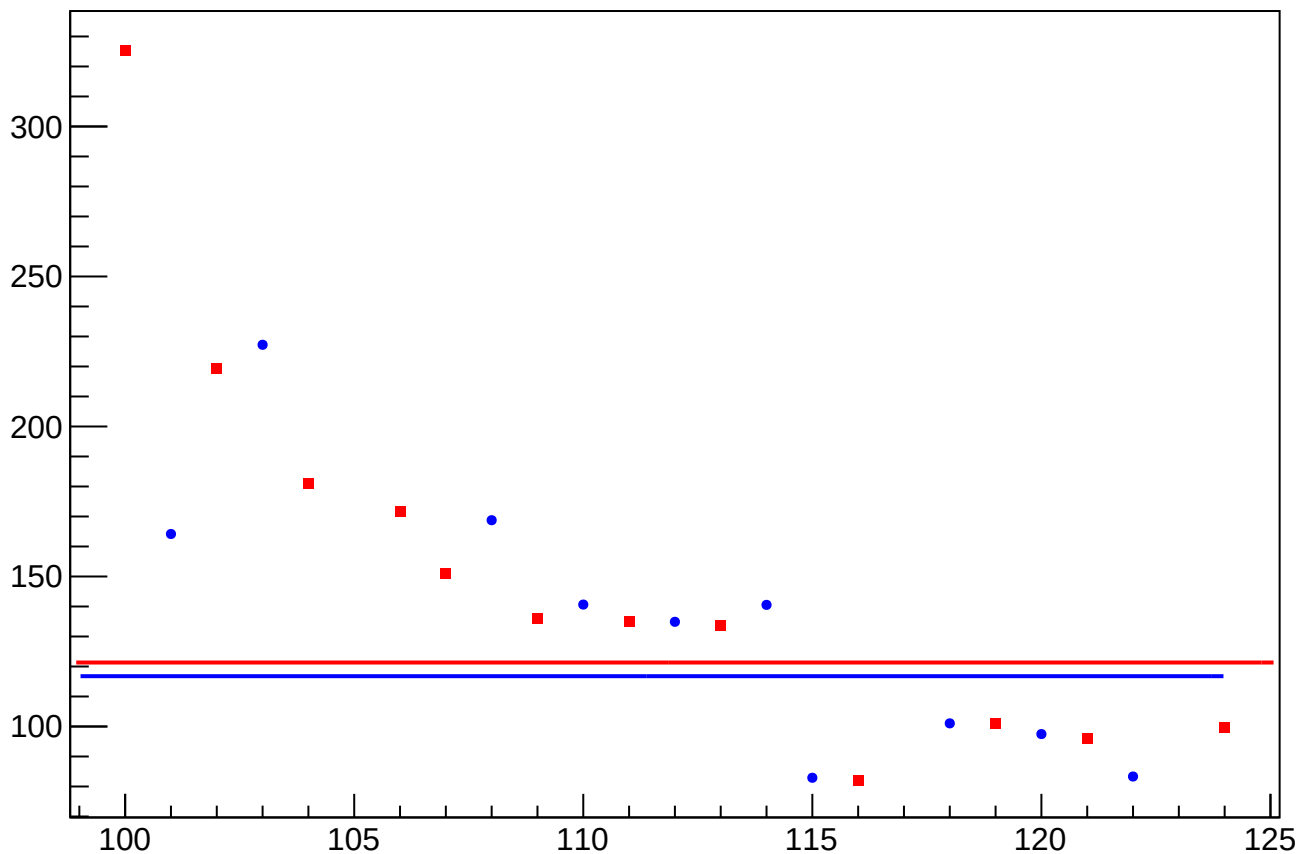
Right: 75.189+/-42.600 χ^2/NDF : 26.2/21

In: 87.115+/-61.202 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.189+/-42.600 χ^2/NDF : 26.2/21

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 116.770+/-0.043 χ^2/NDF : 735801.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.327+/-0.042 χ^2/NDF : 745448.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

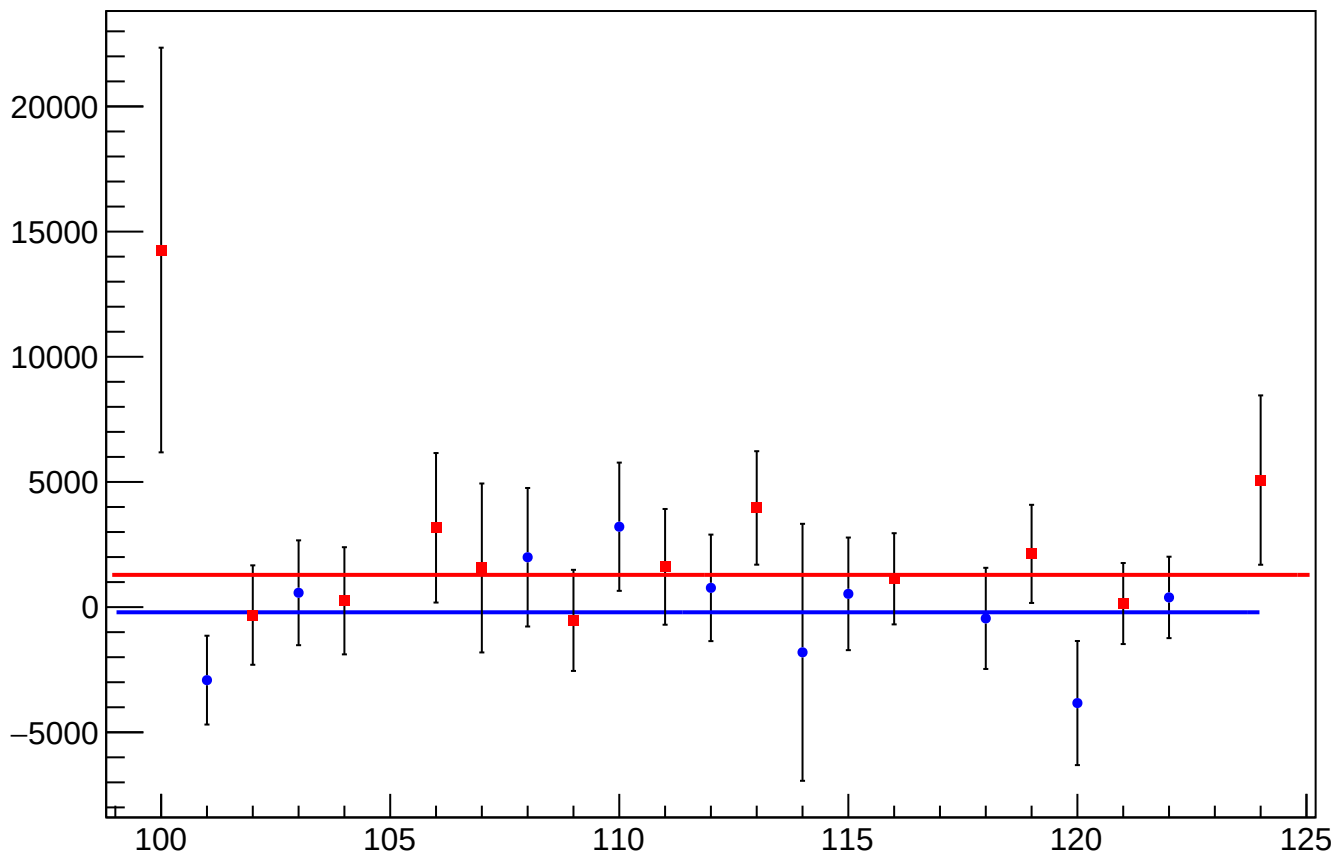
Right: 119.119+/-0.030 χ^2/NDF : 1486968.2/21

In: 116.770+/-0.043 χ^2/NDF : 735801.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.119+/-0.030 χ^2/NDF : 1486968.2/21

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -206.059+/-694.803 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.320+/-653.005 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

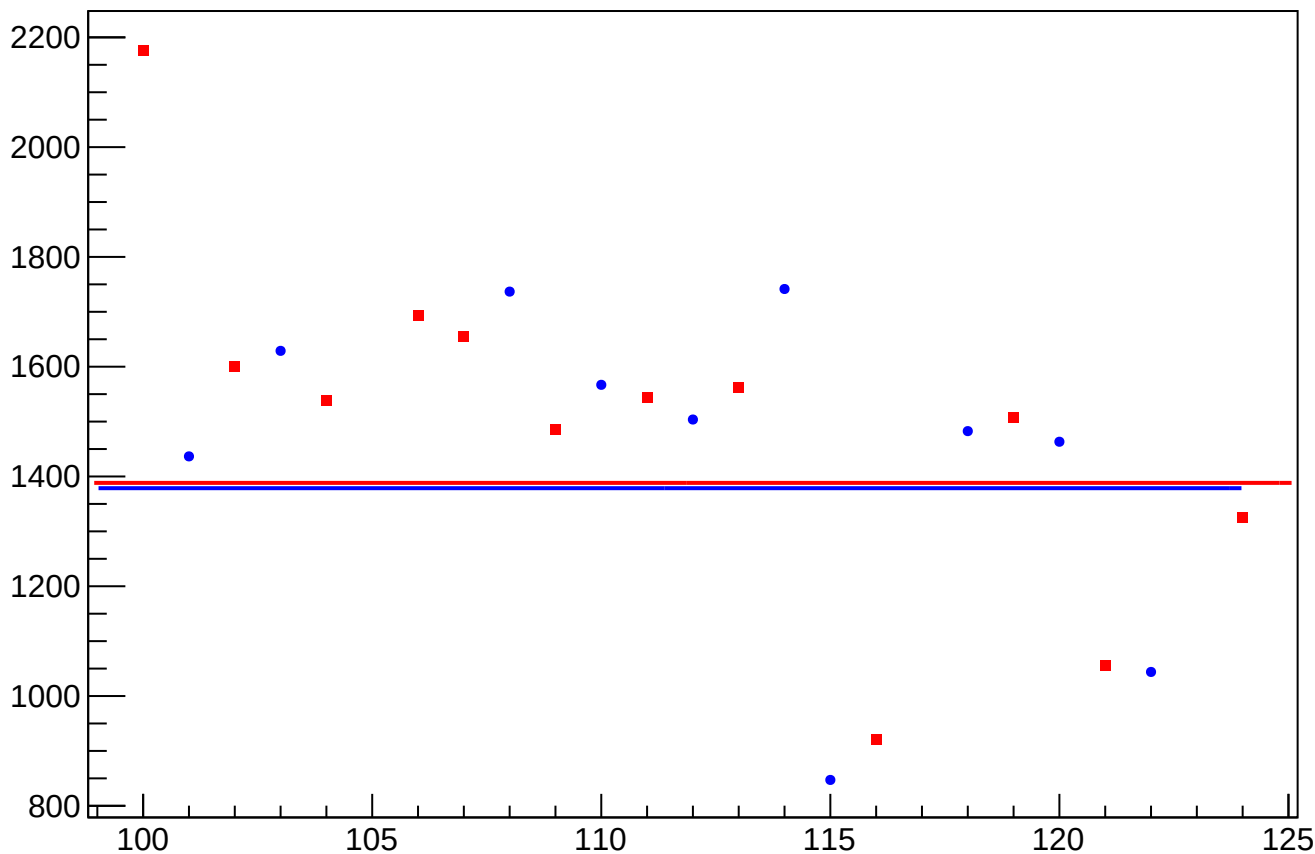
Right: 587.429+/-475.835 χ^2/NDF : 18.1/21

In: -206.059+/-694.803 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.429+/-475.835 χ^2/NDF : 18.1/21

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1378.645+/-0.491 χ^2/NDF : 296019.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1388.321+/-0.462 χ^2/NDF : 335144.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

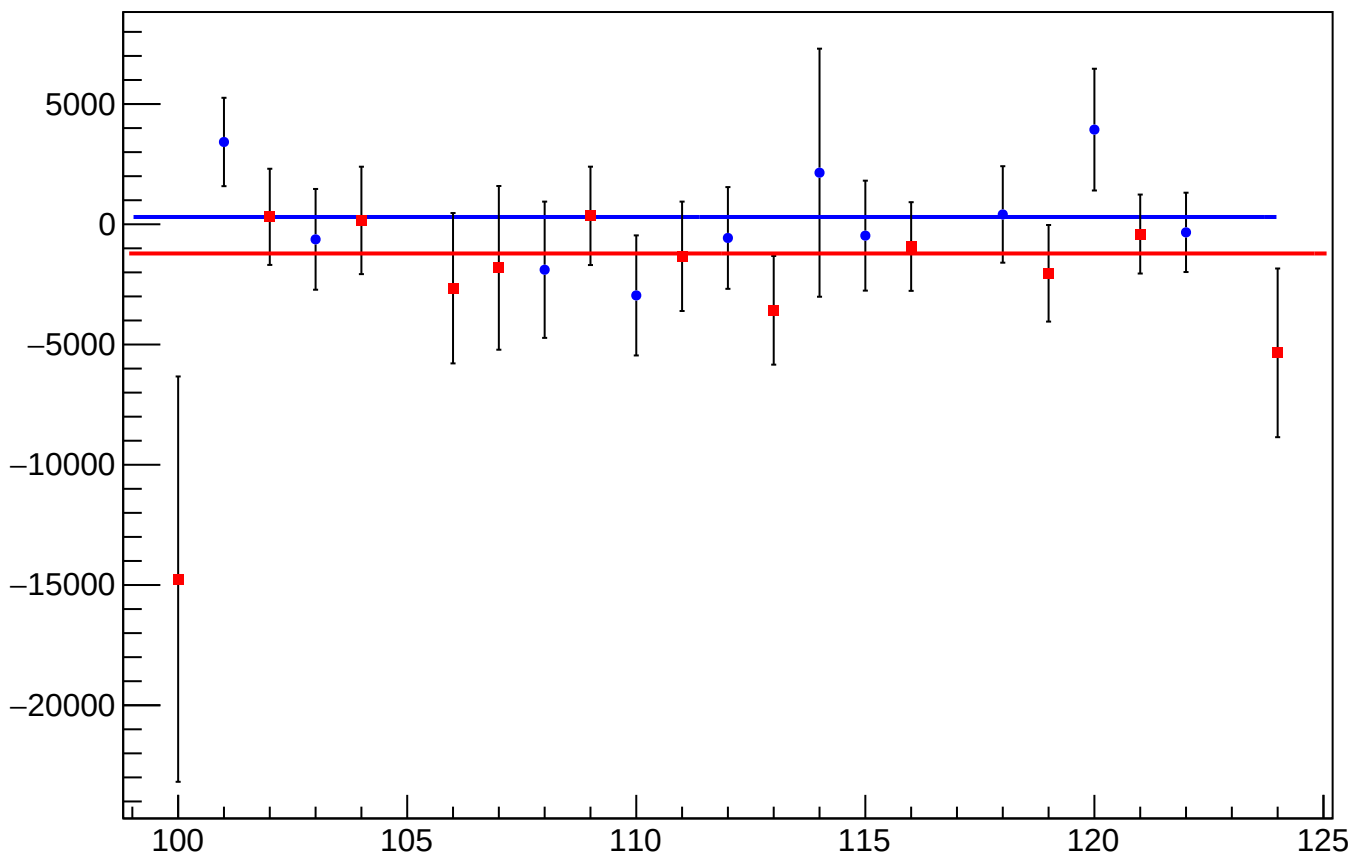
Right: 1383.783+/-0.336 χ^2/NDF : 631370.2/21

In: 1378.645+/-0.491 χ^2/NDF : 296019.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.783+/-0.336 χ^2/NDF : 631370.2/21

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 303.026+/-701.195 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1214.071+/-662.843 χ^2/NDF : 7.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

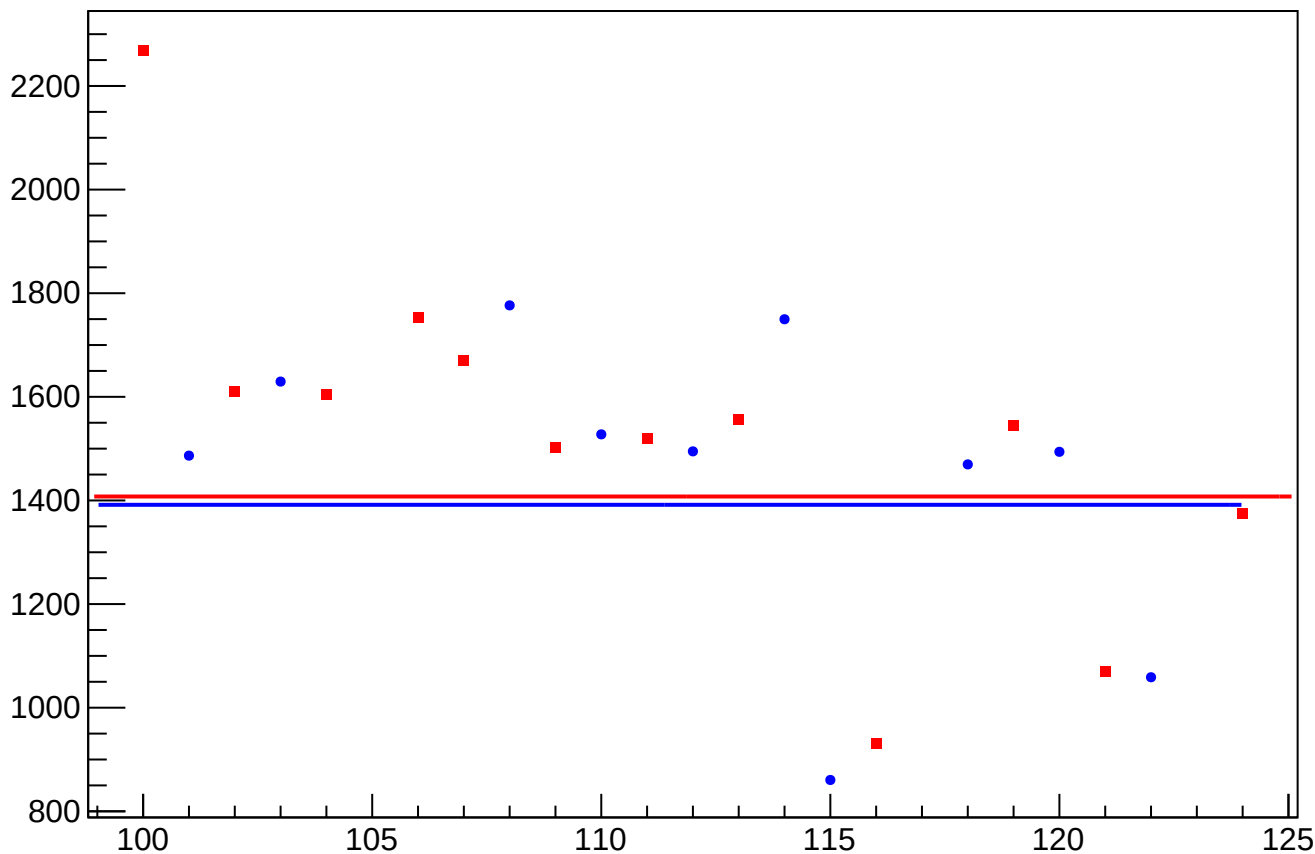
Right: -498.144+/-481.689 χ^2/NDF : 17.8/21

In: 303.026+/-701.195 χ^2/NDF :8.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -498.144+/-481.689 χ^2/NDF : 17.8/21

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1391.587+/-0.496 χ^2/NDF : 284080.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1407.620+/-0.469 χ^2/NDF : 338569.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

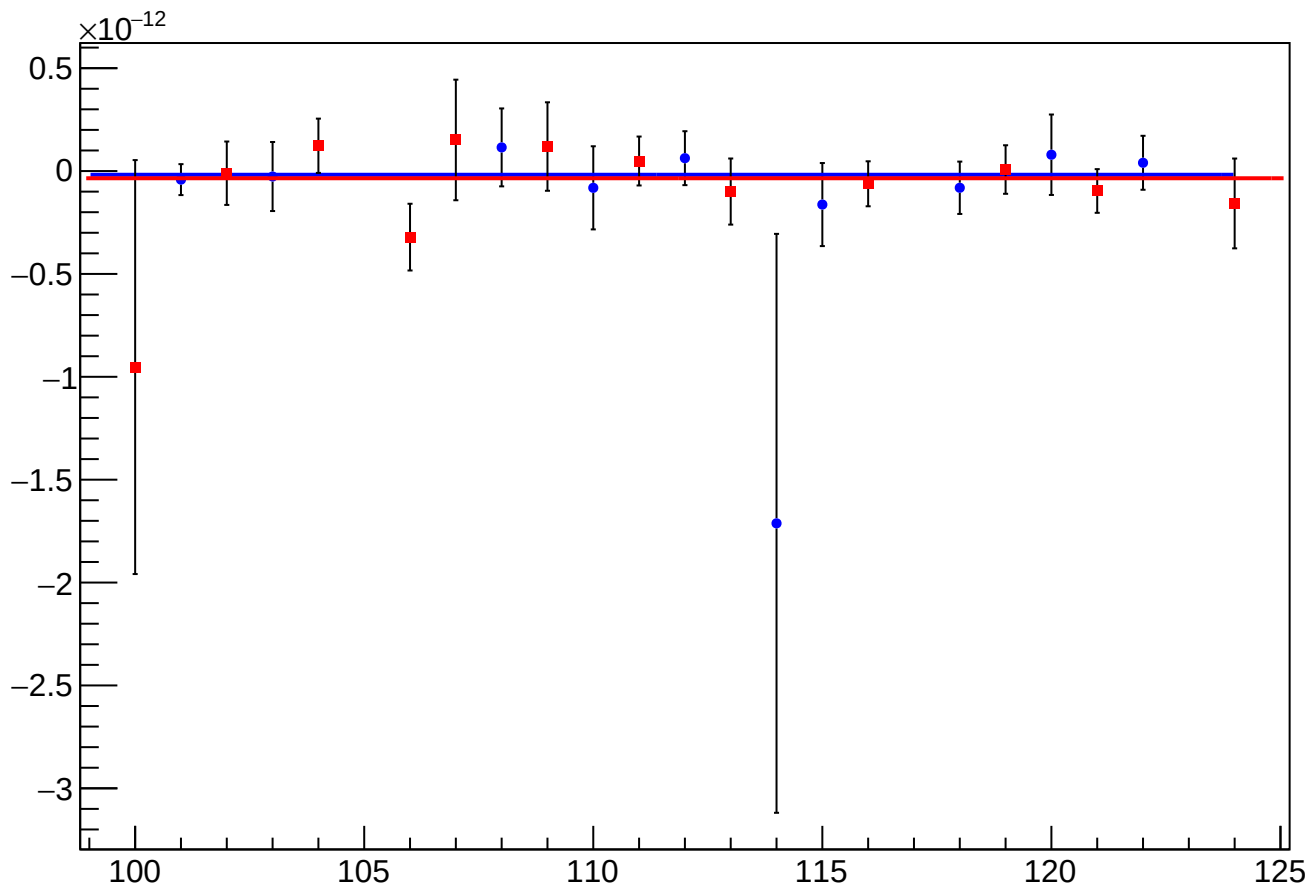
Right: 1400.054+/-0.341 χ^2/NDF : 623202.6/21

In: 1391.587+/-0.496 χ^2/NDF : 284080.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.054+/-0.341 χ^2/NDF : 623202.6/21

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

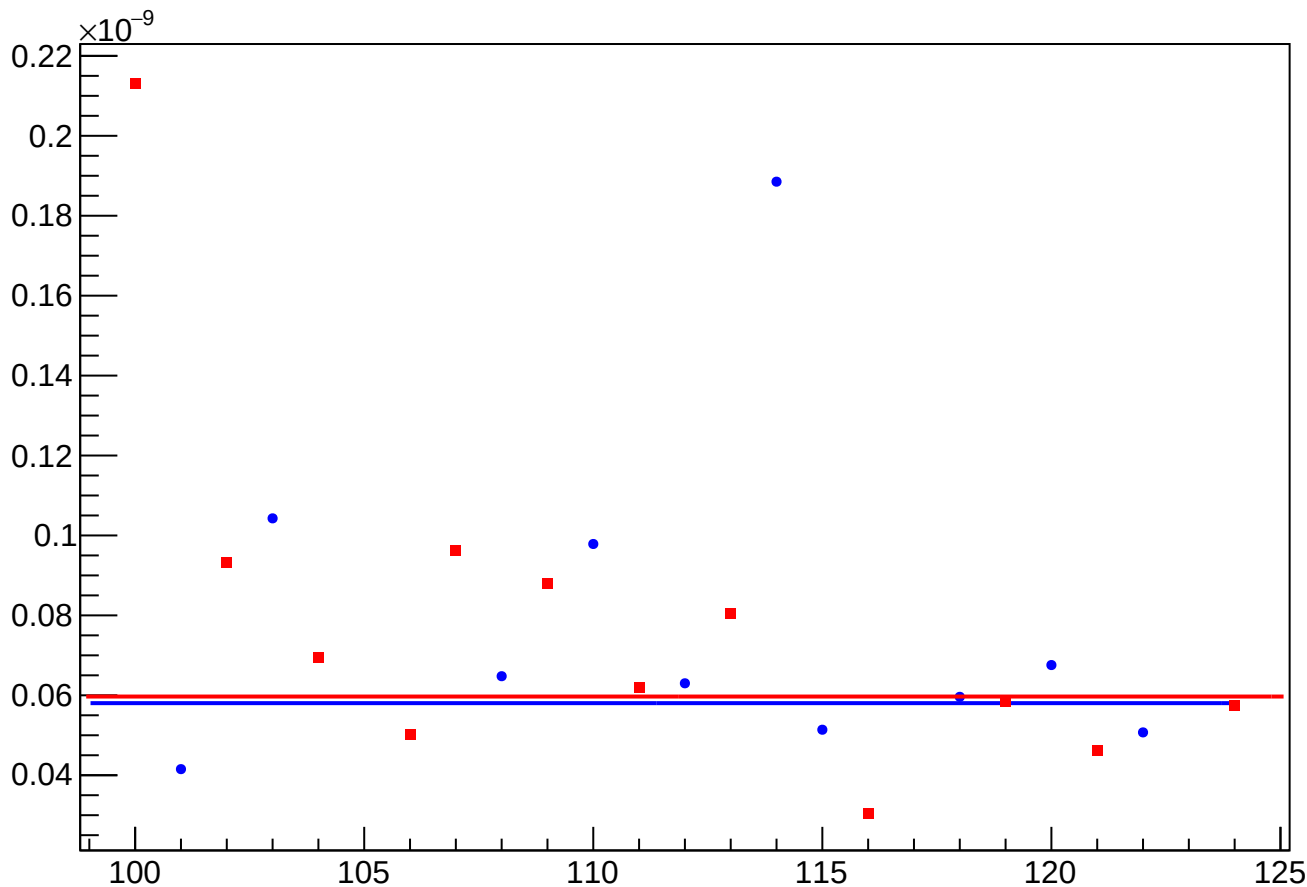
Right: -0.000+/-0.000 χ^2 /NDF: 11.6/21

In: -0.000+/-0.000 χ^2 /NDF:3.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.6/21

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 362039.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 434861.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

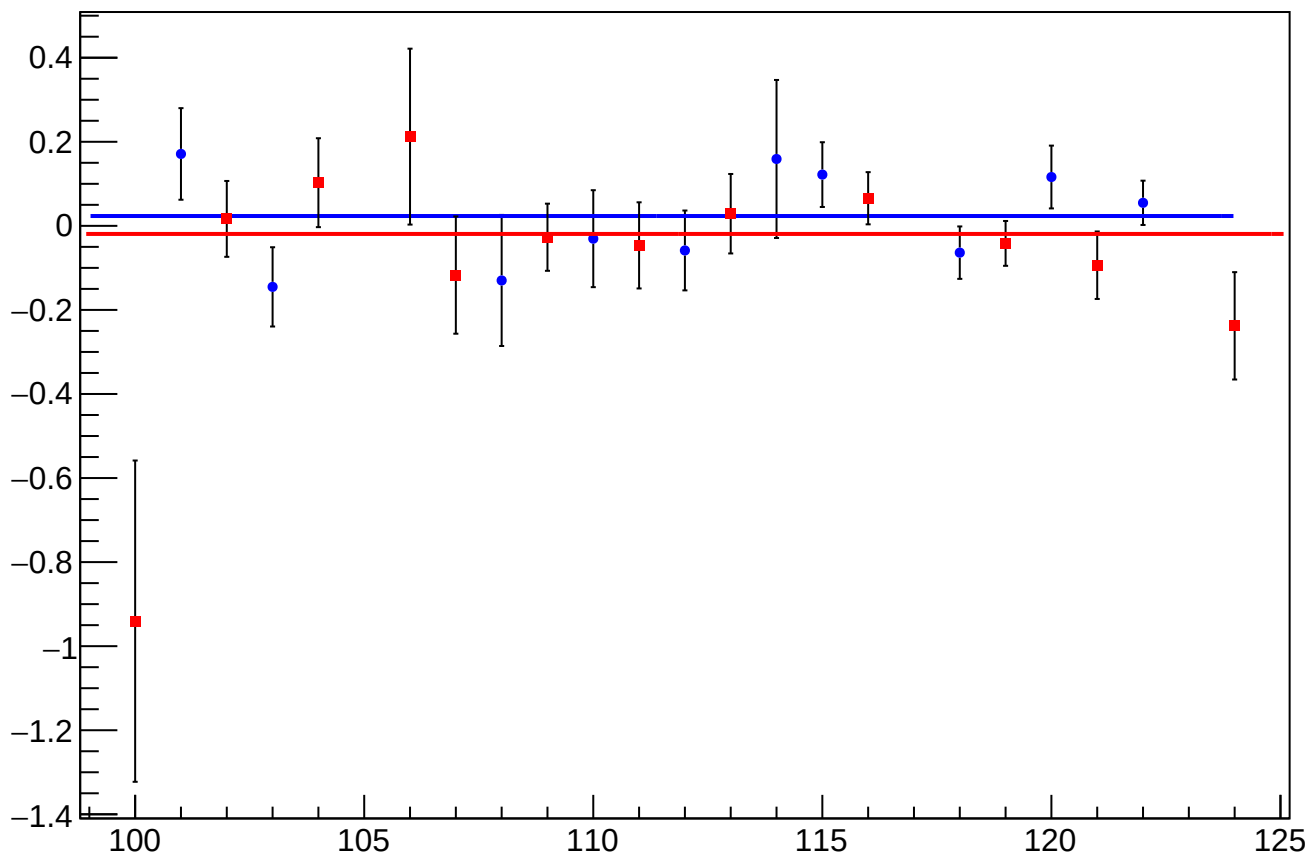
Right: 0.000+/-0.000 χ^2/NDF : 798322.3/21

In: 0.000+/-0.000 χ^2/NDF : 362039.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 798322.3/21

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.026 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

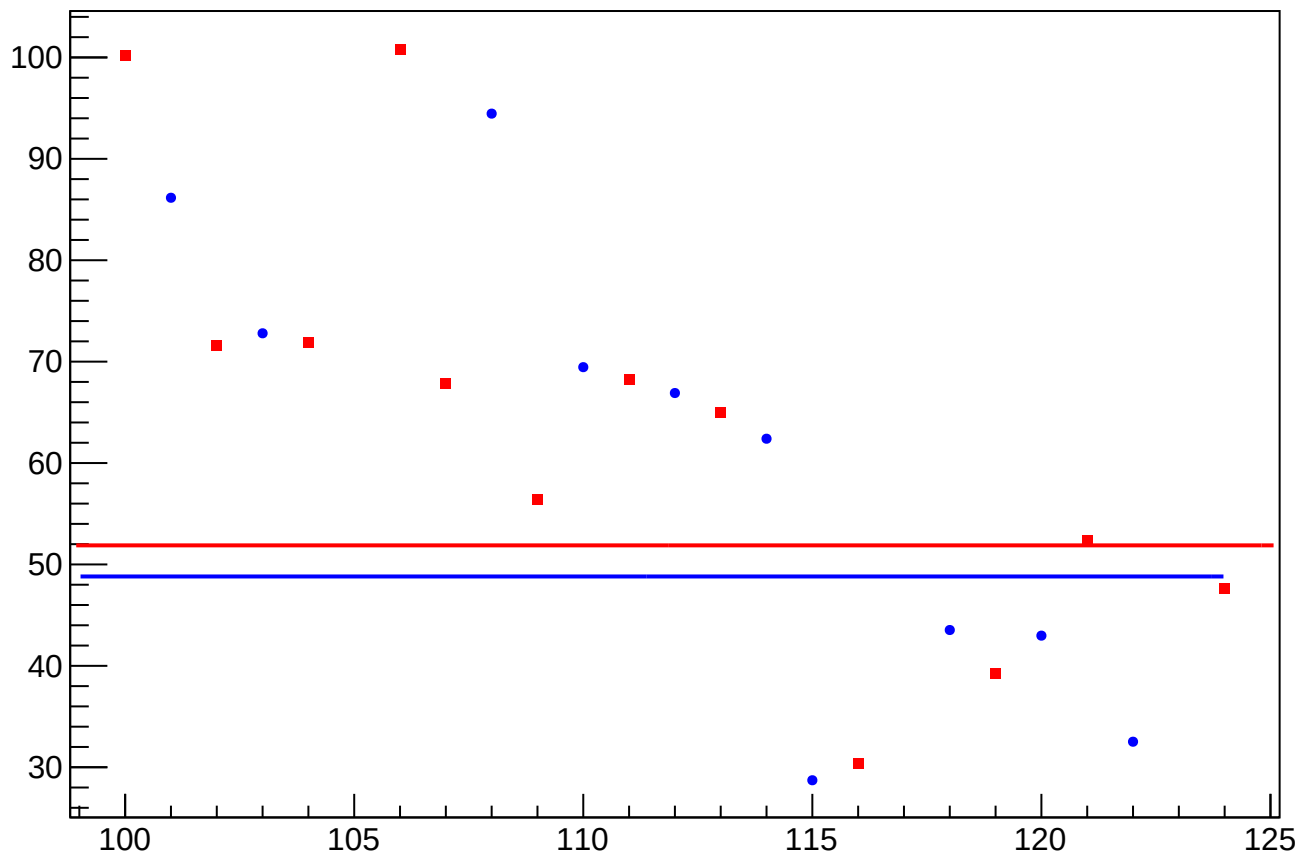
Right: 0.002+/-0.019 χ^2/NDF : 29.5/21

In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.019 χ^2/NDF : 29.5/21

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.814+/-0.019 χ^2/NDF : 1036847.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.881+/-0.018 χ^2/NDF : 783757.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

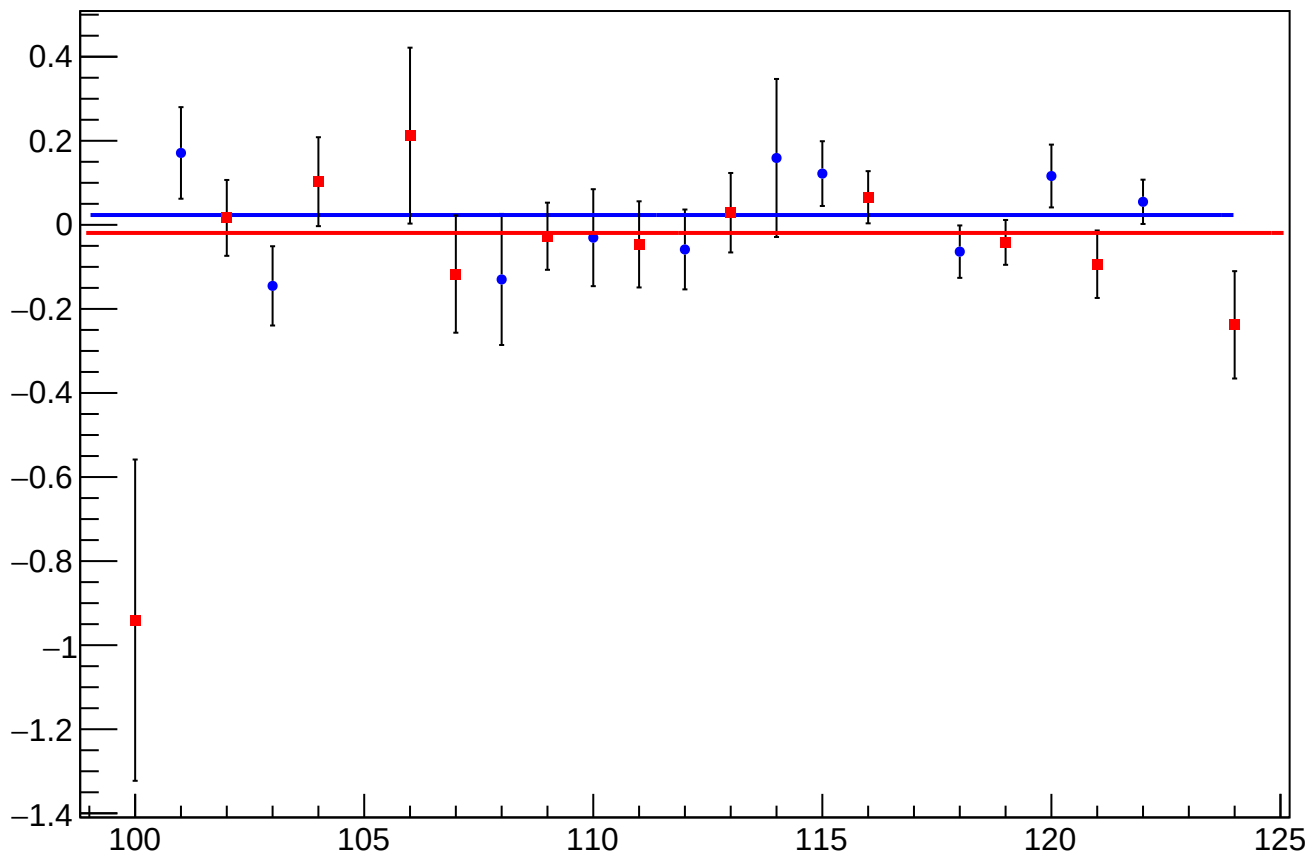
Right: 50.383+/-0.013 χ^2/NDF : 1834249.5/21

In: 48.814+/-0.019 χ^2/NDF : 1036847.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.383+/-0.013 χ^2/NDF : 1834249.5/21

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.026 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

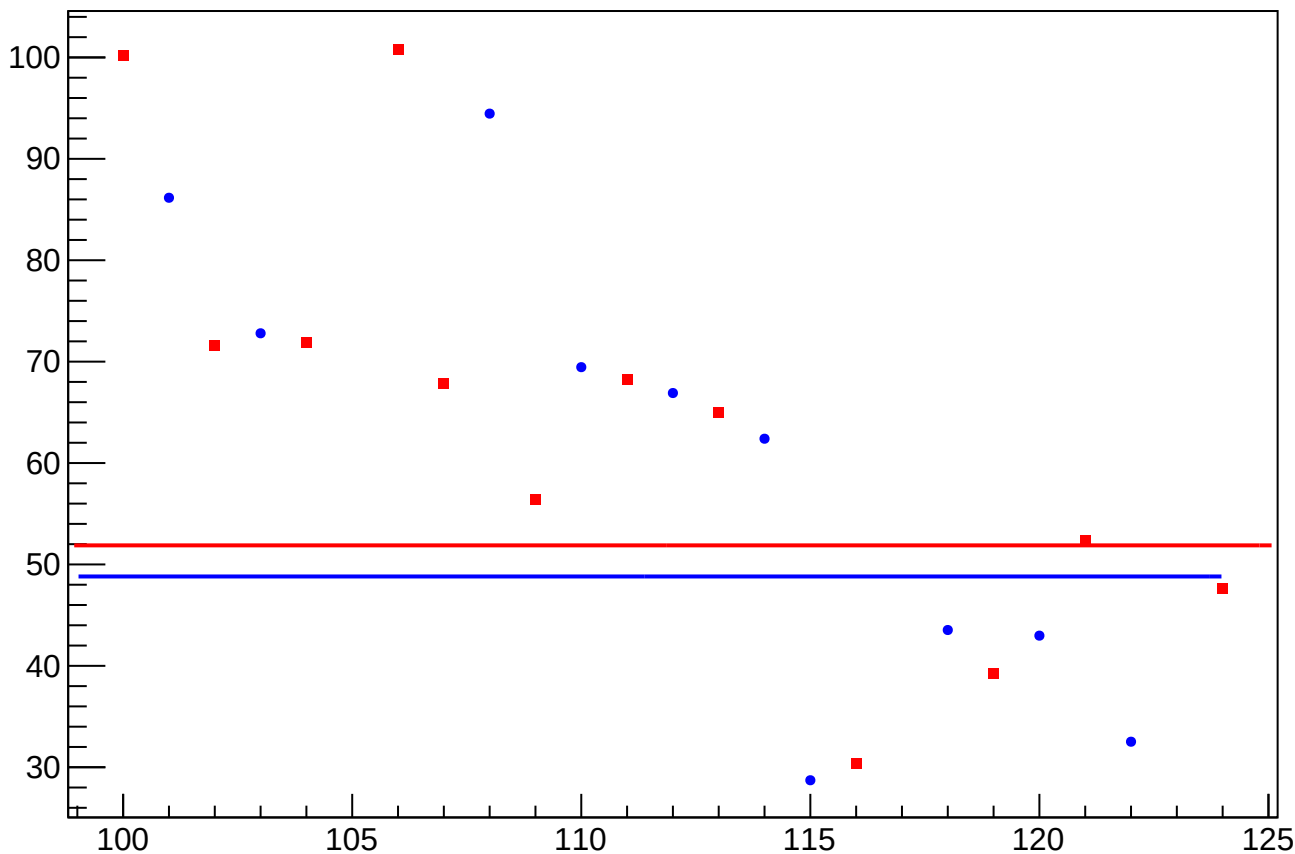
Right: 0.002+/-0.019 χ^2/NDF : 29.5/21

In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.019 χ^2/NDF : 29.5/21

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.814+/-0.019 χ^2/NDF : 1036847.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.881+/-0.018 χ^2/NDF : 783757.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

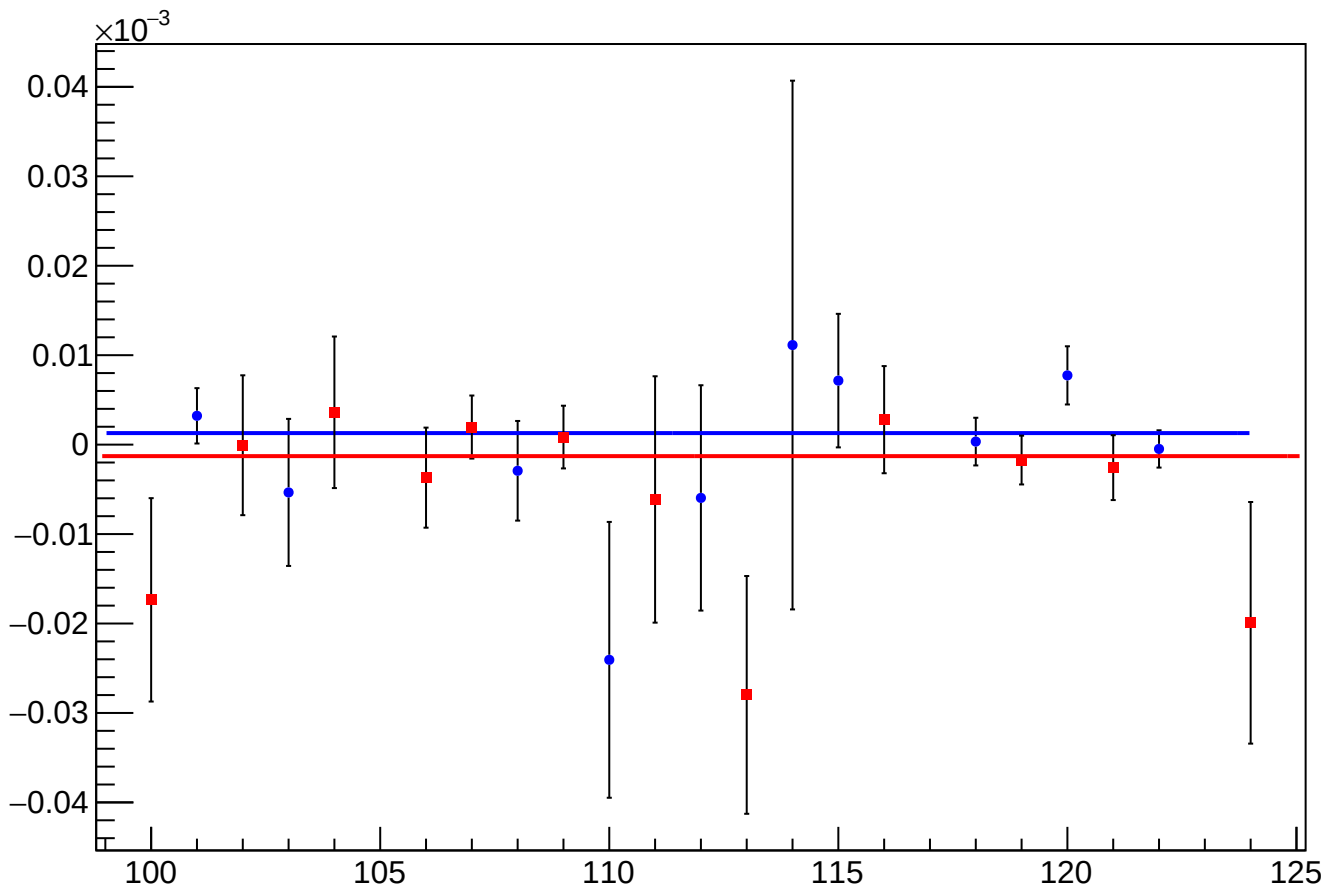
Right: 50.383+/-0.013 χ^2/NDF : 1834249.5/21

In: 48.814+/-0.019 χ^2/NDF : 1036847.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.383+/-0.013 χ^2/NDF : 1834249.5/21

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

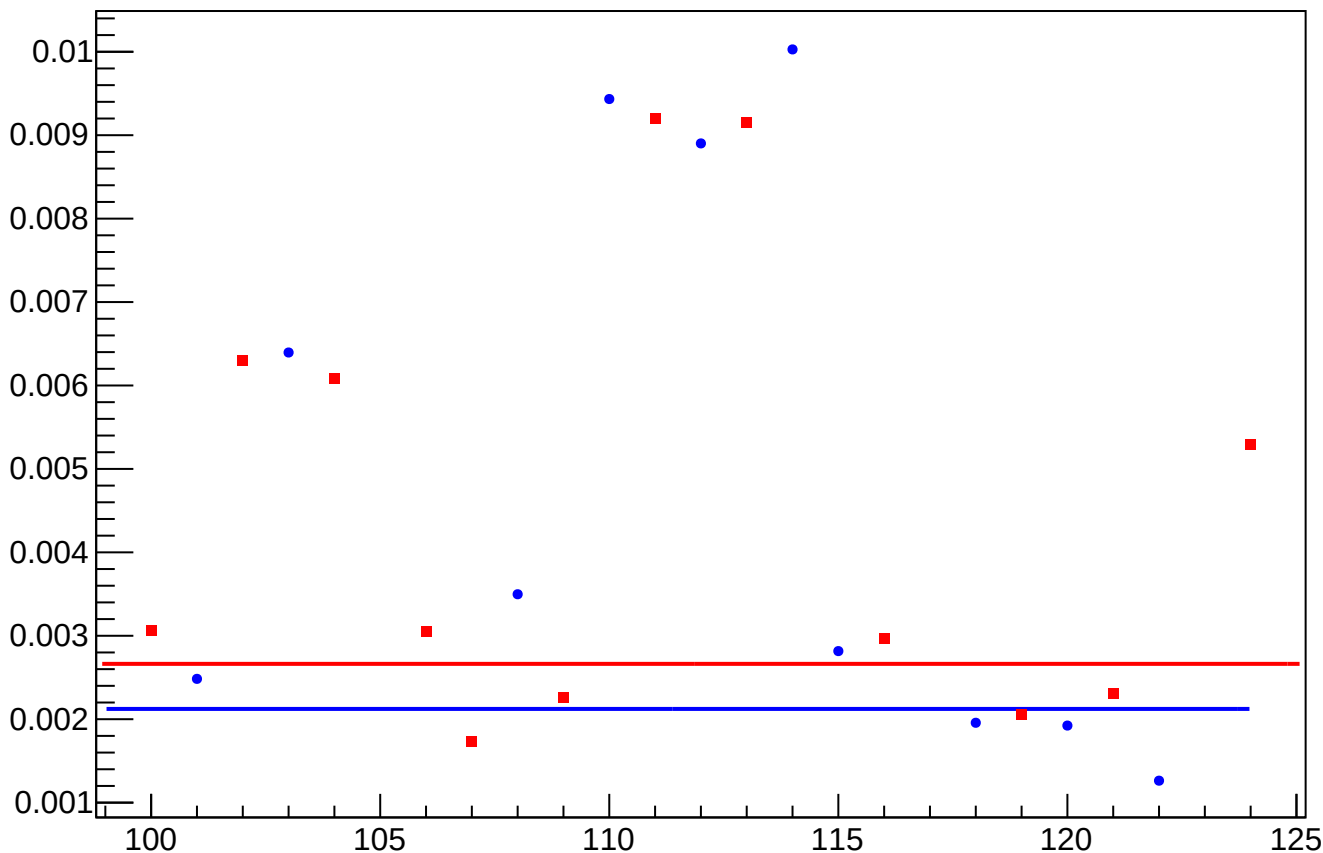
Right: 0.000+/-0.000 χ^2/NDF : 22.4/21

In: 0.000+/-0.000 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.4/21

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2233712.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2063919.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

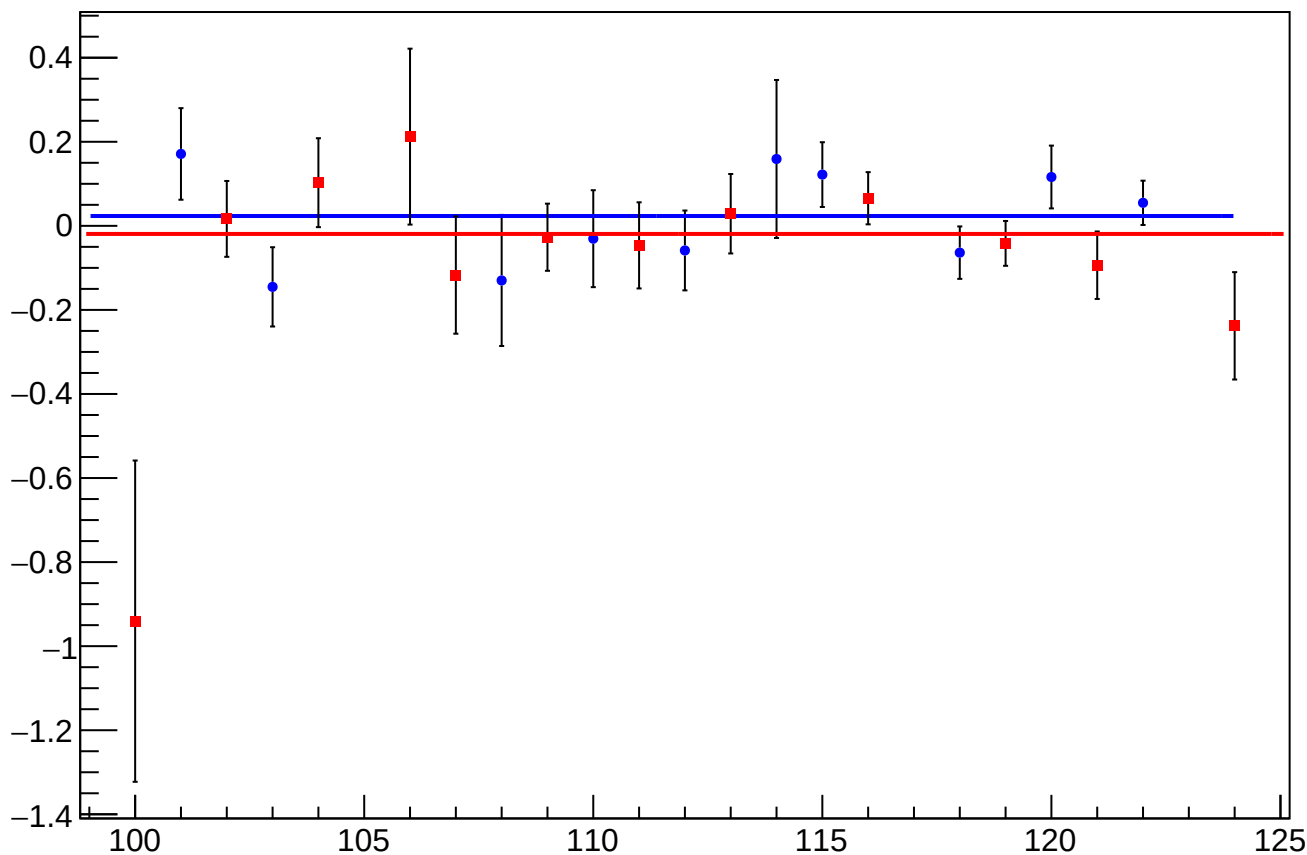
Right: 0.002+/-0.000 χ^2/NDF : 4459619.7/21

In: 0.002+/-0.000 χ^2/NDF :2233712.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4459619.7/21

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.019+/-0.026 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

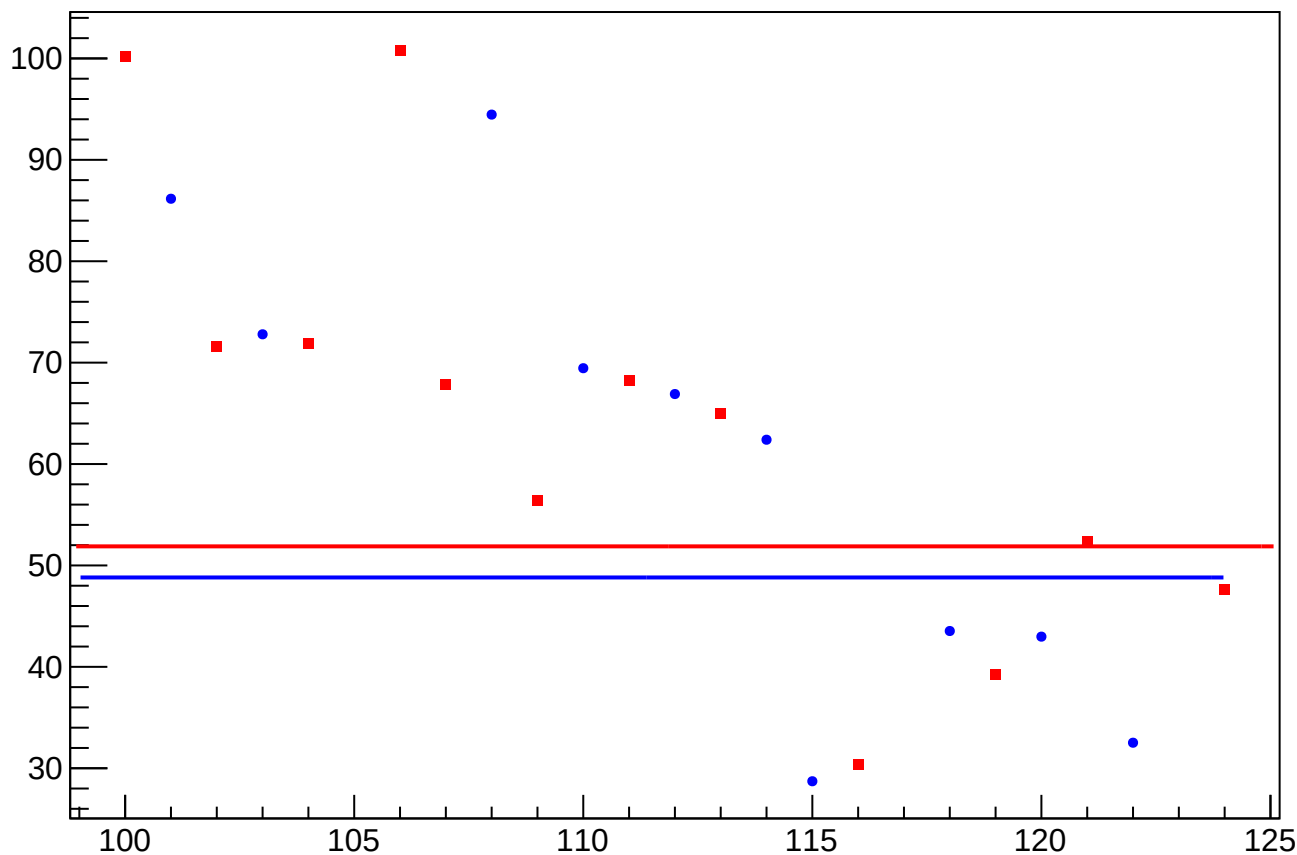
Right: 0.002+/-0.019 χ^2/NDF : 29.5/21

In: 0.023+/-0.027 χ^2/NDF :13.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.019 χ^2/NDF : 29.5/21

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.814+/-0.019 χ^2/NDF : 1036811.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.882+/-0.018 χ^2/NDF : 783713.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

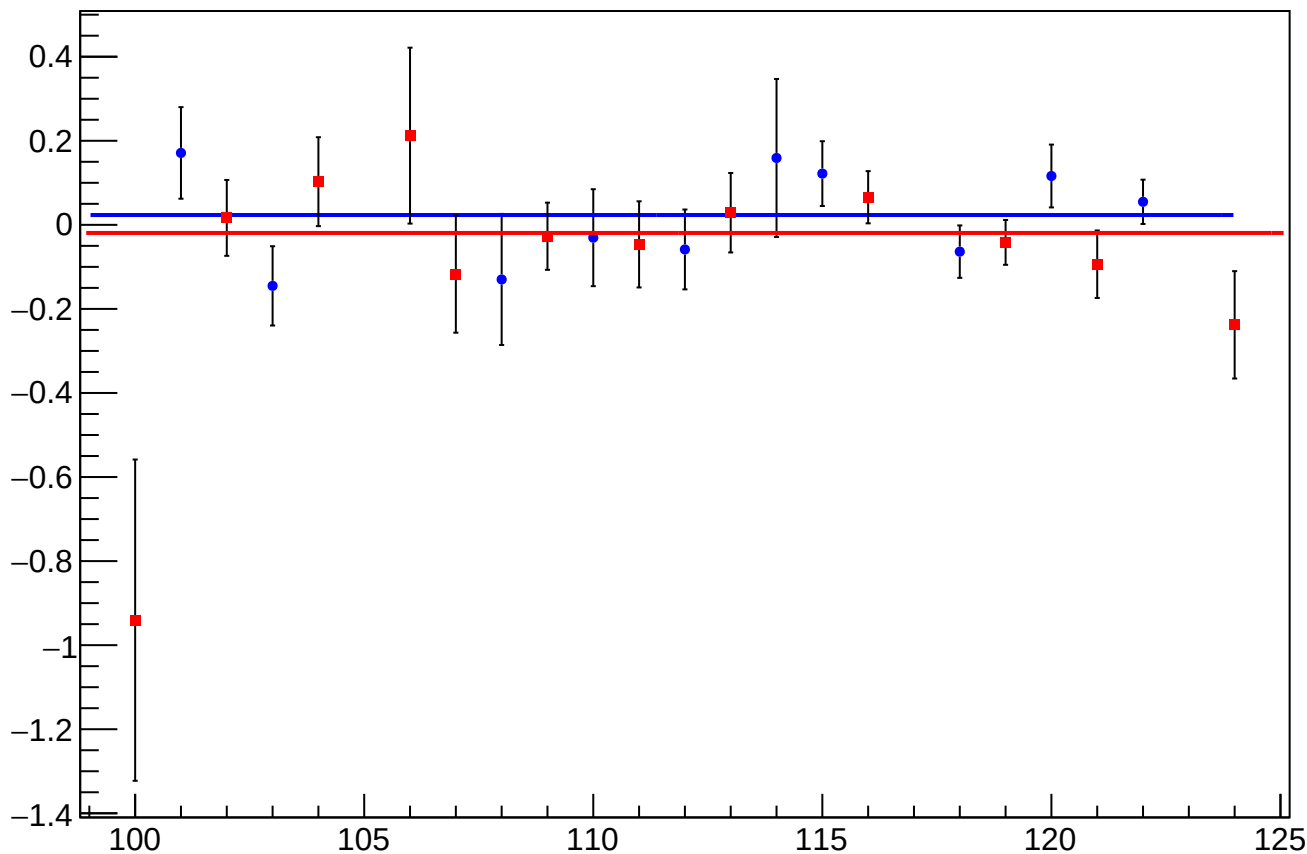
Right: 50.383+/-0.013 χ^2/NDF : 1834170.5/21

In: 48.814+/-0.019 χ^2/NDF : 1036811.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.383+/-0.013 χ^2/NDF : 1834170.5/21

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.026 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

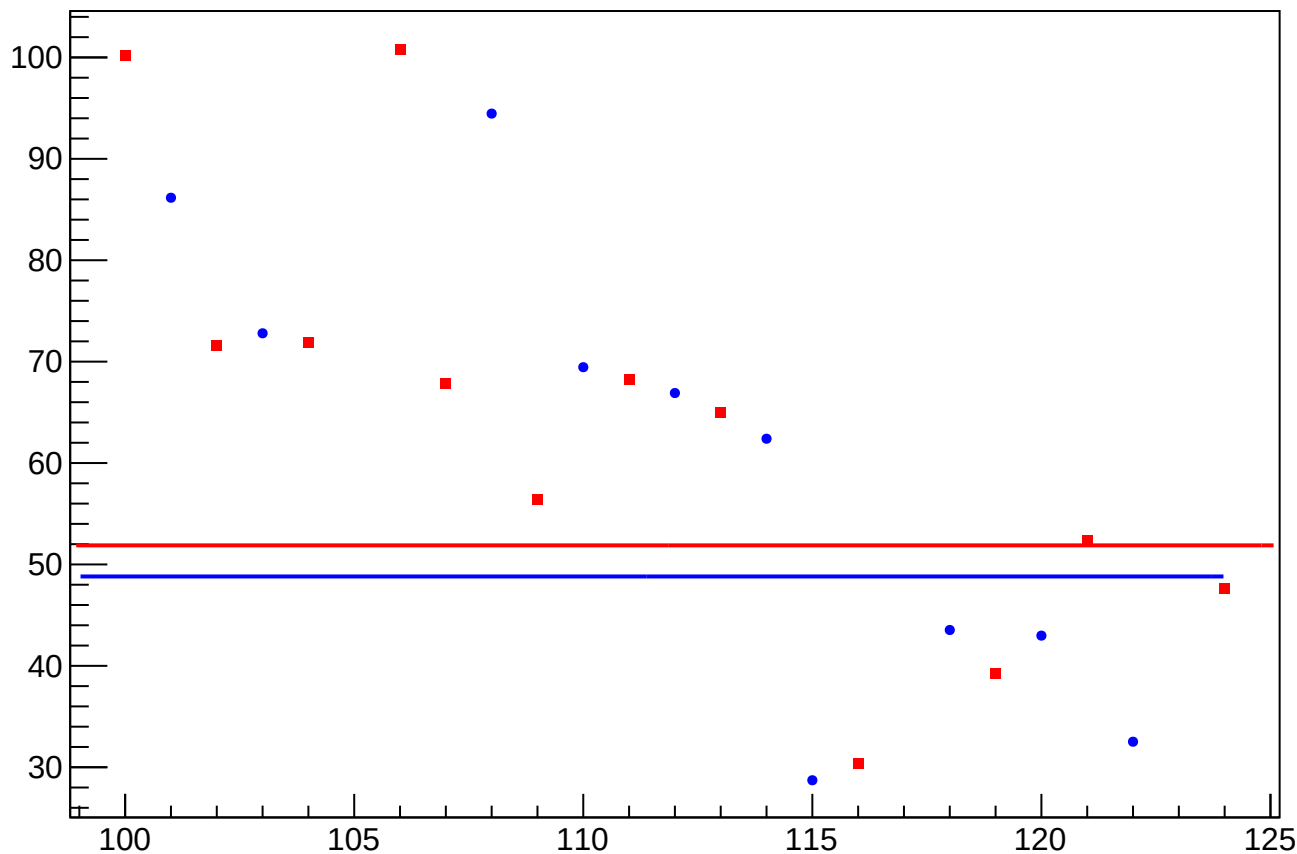
Right: 0.002+/-0.019 χ^2/NDF : 29.5/21

In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.019 χ^2/NDF : 29.5/21

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.814+/-0.019 χ^2/NDF : 1036811.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.882+/-0.018 χ^2/NDF : 783713.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

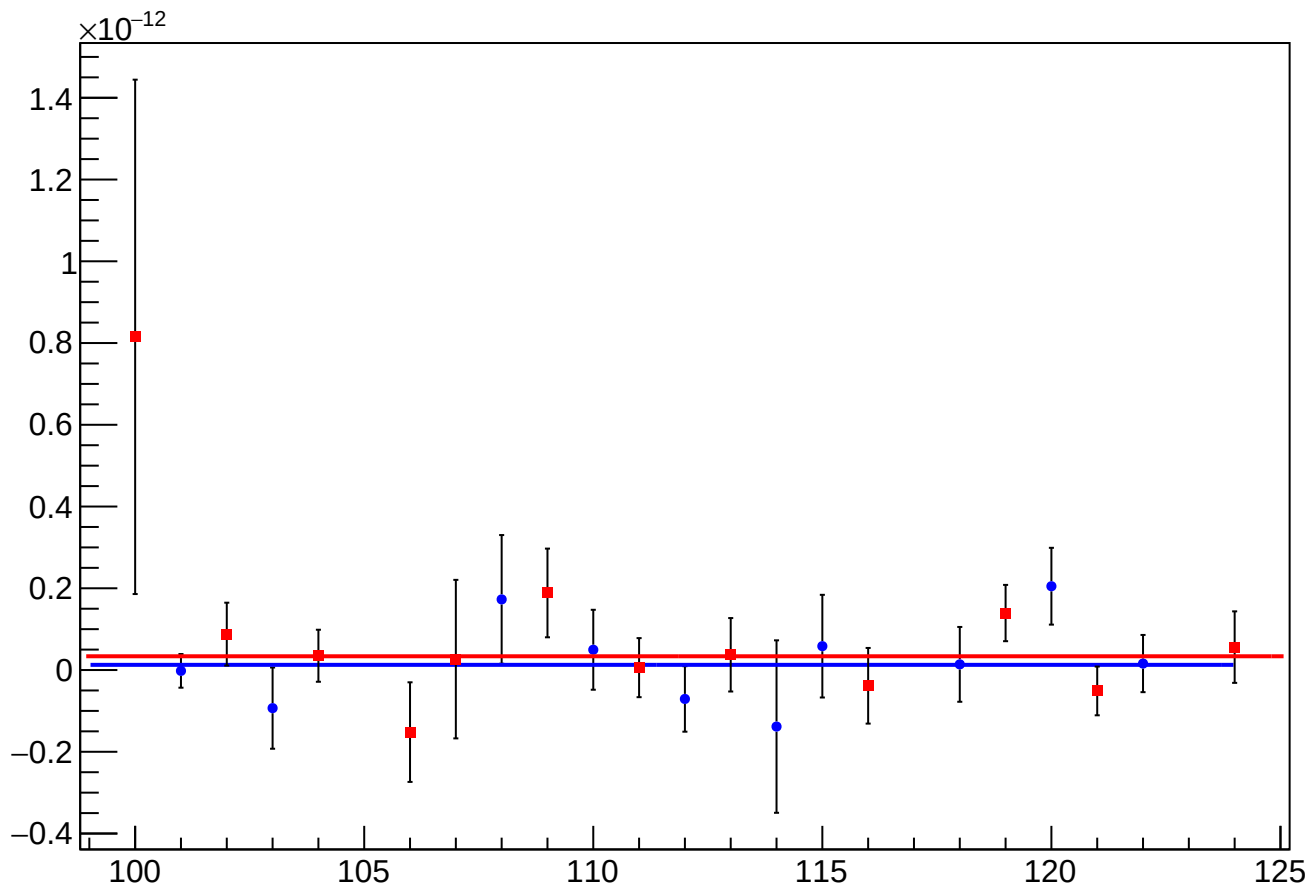
Right: 50.383+/-0.013 χ^2/NDF : 1834170.5/21

In: 48.814+/-0.019 χ^2/NDF : 1036811.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.383+/-0.013 χ^2/NDF : 1834170.5/21

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

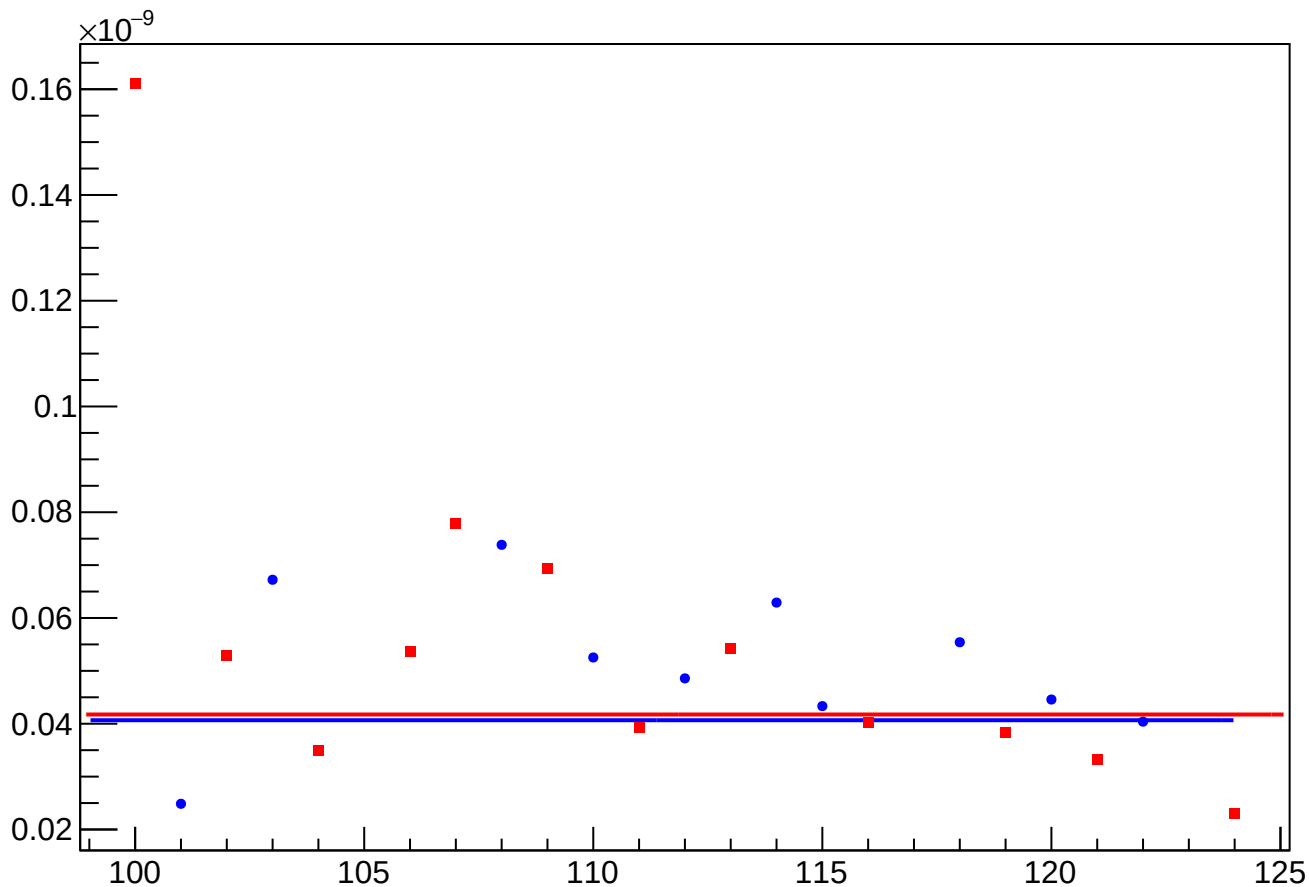
Right: 0.000+/-0.000 χ^2/NDF : 20.3/21

In: 0.000+/-0.000 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/21

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 654028.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 533592.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

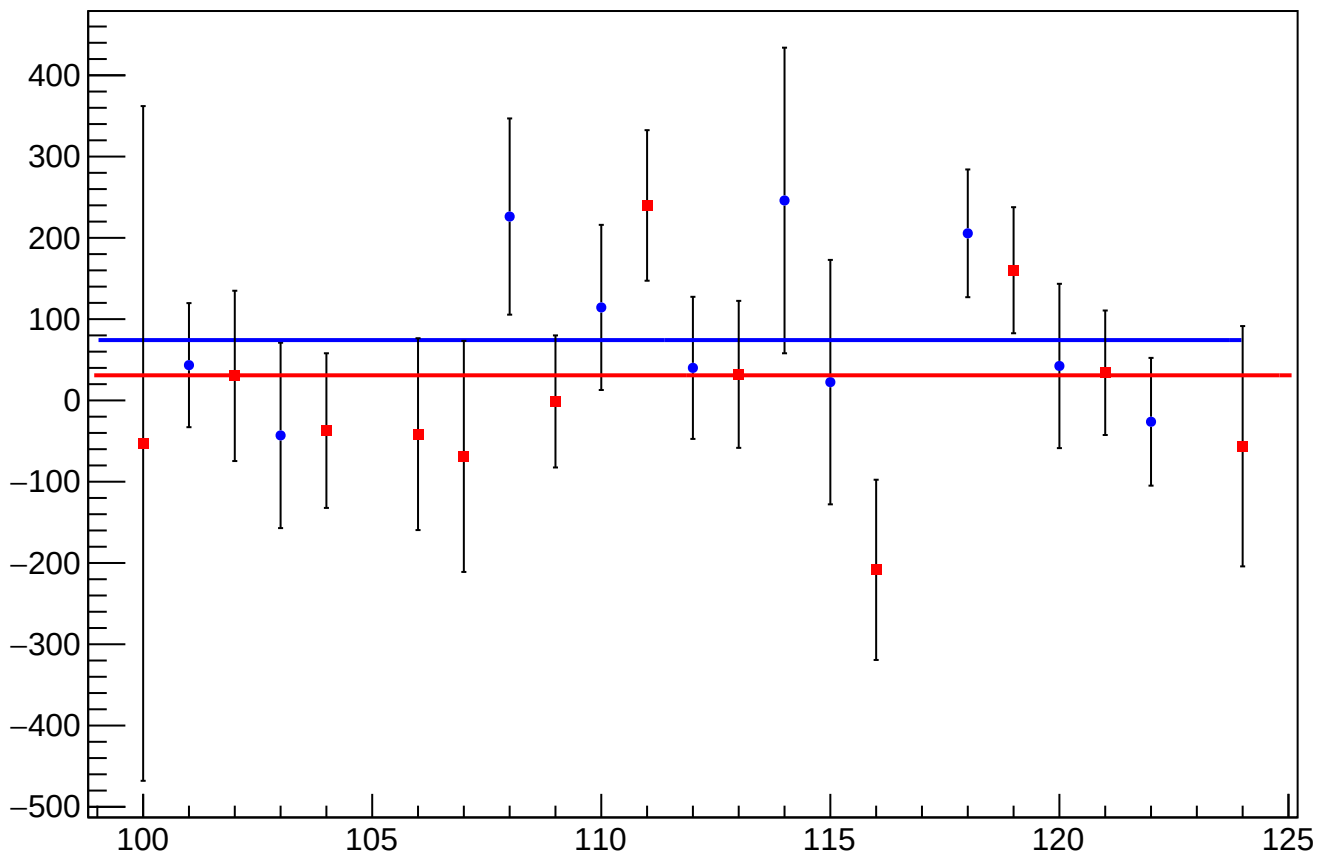
Right: 0.000+/-0.000 χ^2/NDF : 1189474.6/21

In: 0.000+/-0.000 χ^2/NDF : 654028.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1189474.6/21

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 74.227+/-31.020 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.900+/-29.074 χ^2/NDF : 14.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

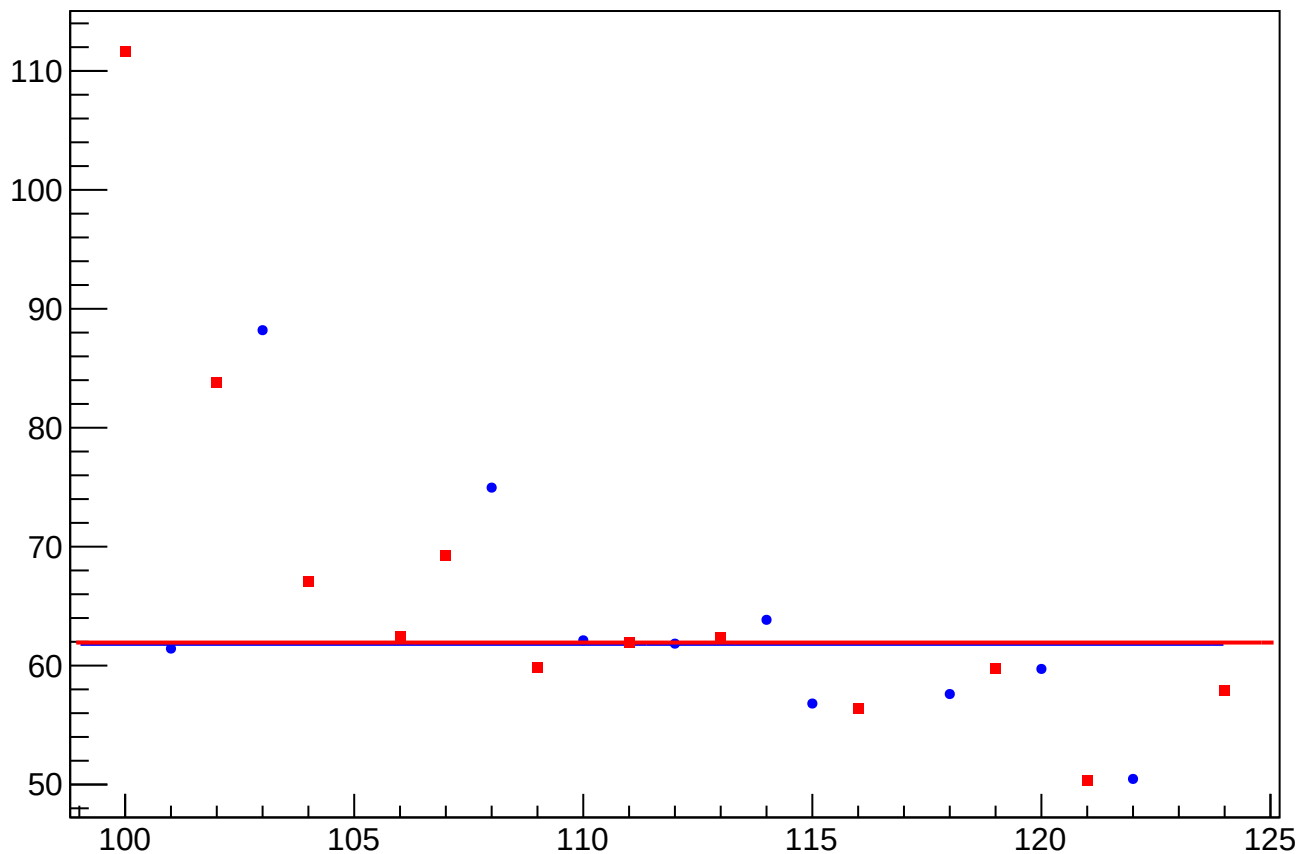
Right: 51.161+/-21.213 χ^2/NDF : 24.1/21

In: 74.227+/-31.020 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.161+/-21.213 χ^2/NDF : 24.1/21

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 61.828+/-0.022 χ^2/NDF : 181604.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.937+/-0.021 χ^2/NDF : 182375.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

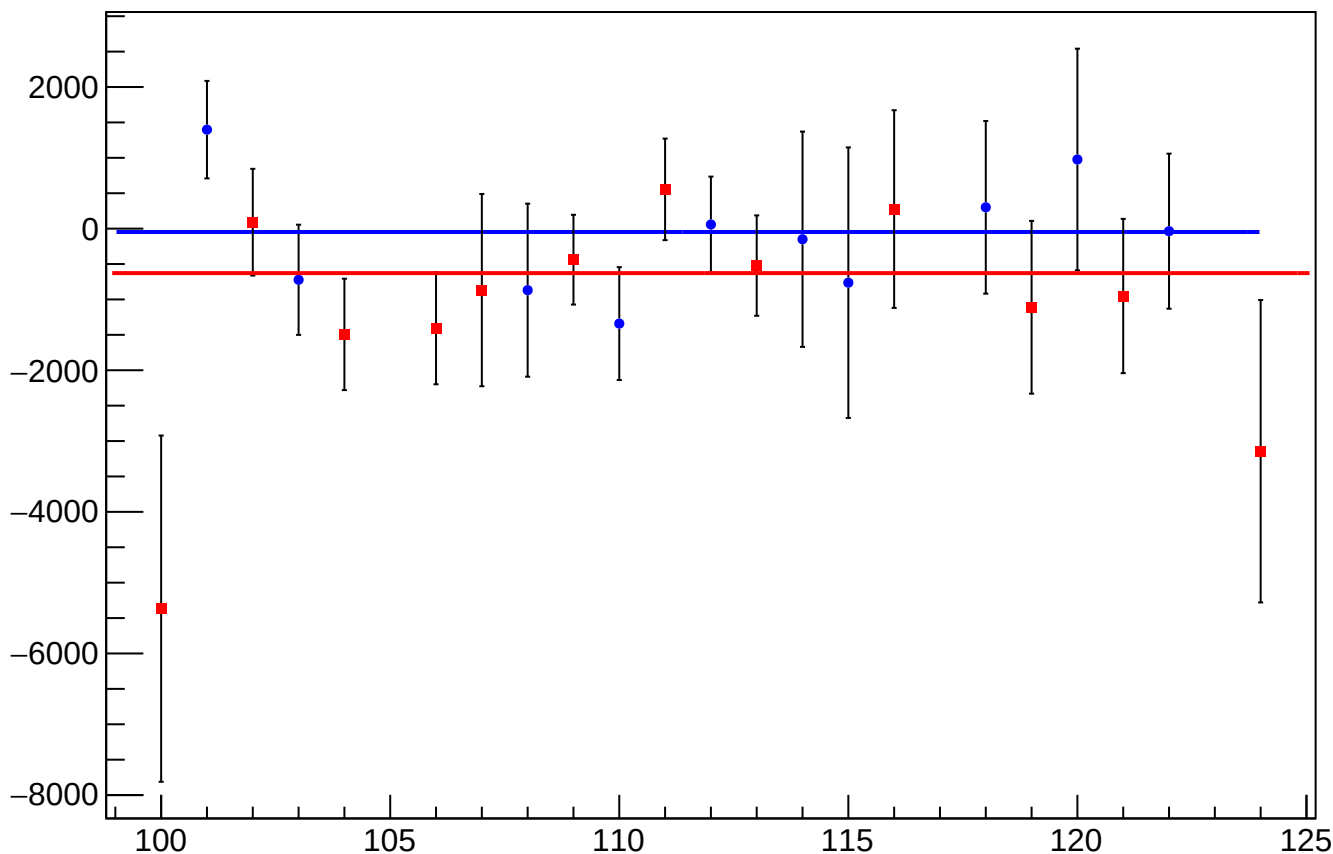
Right: 61.886+/-0.015 χ^2/NDF : 363993.0/21

In: 61.828+/-0.022 χ^2/NDF : 181604.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.886+/-0.015 χ^2/NDF : 363993.0/21

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -47.287 ± 304.075 $\chi^2/\text{NDF}: 8.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -628.147 ± 263.952 $\chi^2/\text{NDF}: 11.8/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

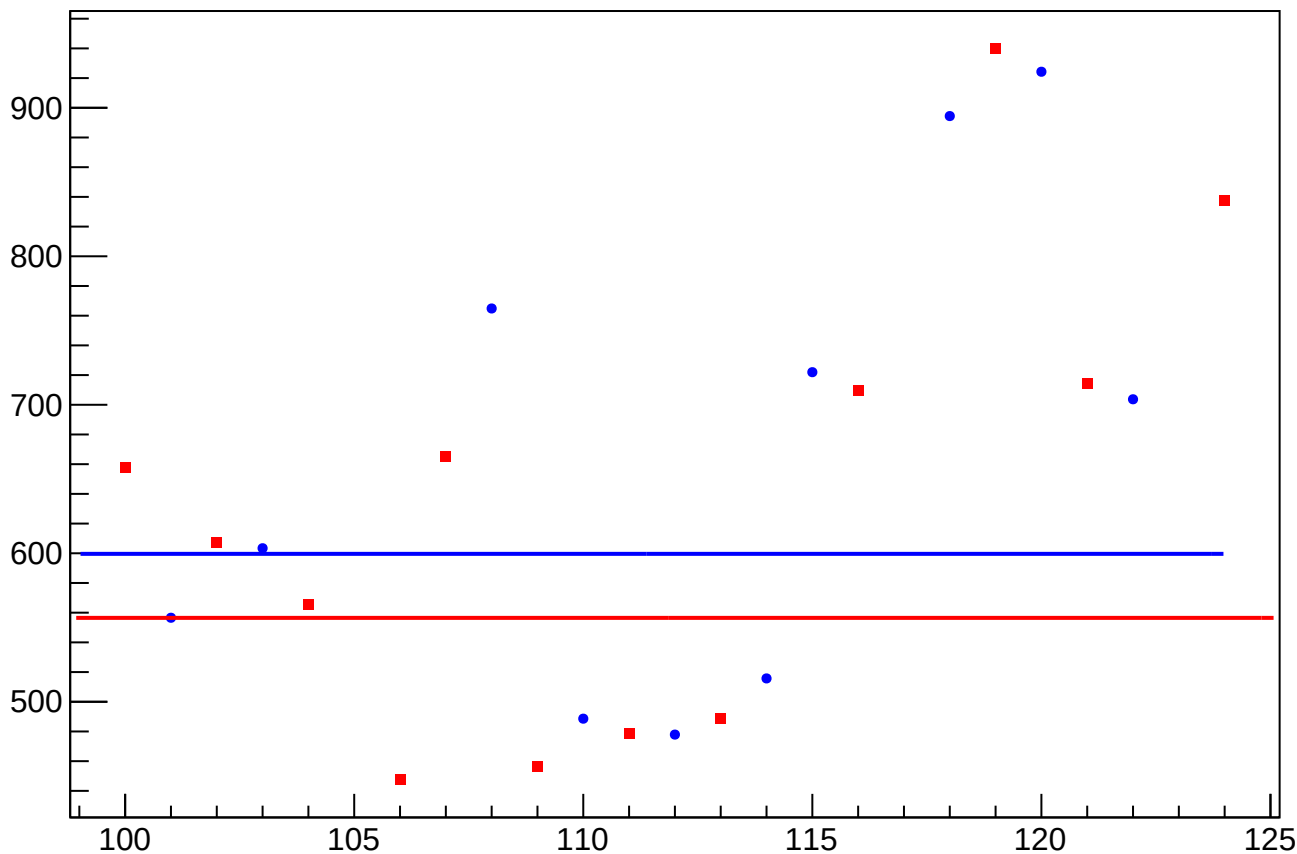
Right: -378.543 ± 199.330 $\chi^2/\text{NDF}: 22.8/21$

In: -47.287 ± 304.075 $\chi^2/\text{NDF}: 8.9/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -378.543 ± 199.330 $\chi^2/\text{NDF}: 22.8/21$

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 599.613+/-0.215 χ^2/NDF : 383440.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 556.499+/-0.187 χ^2/NDF : 452961.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

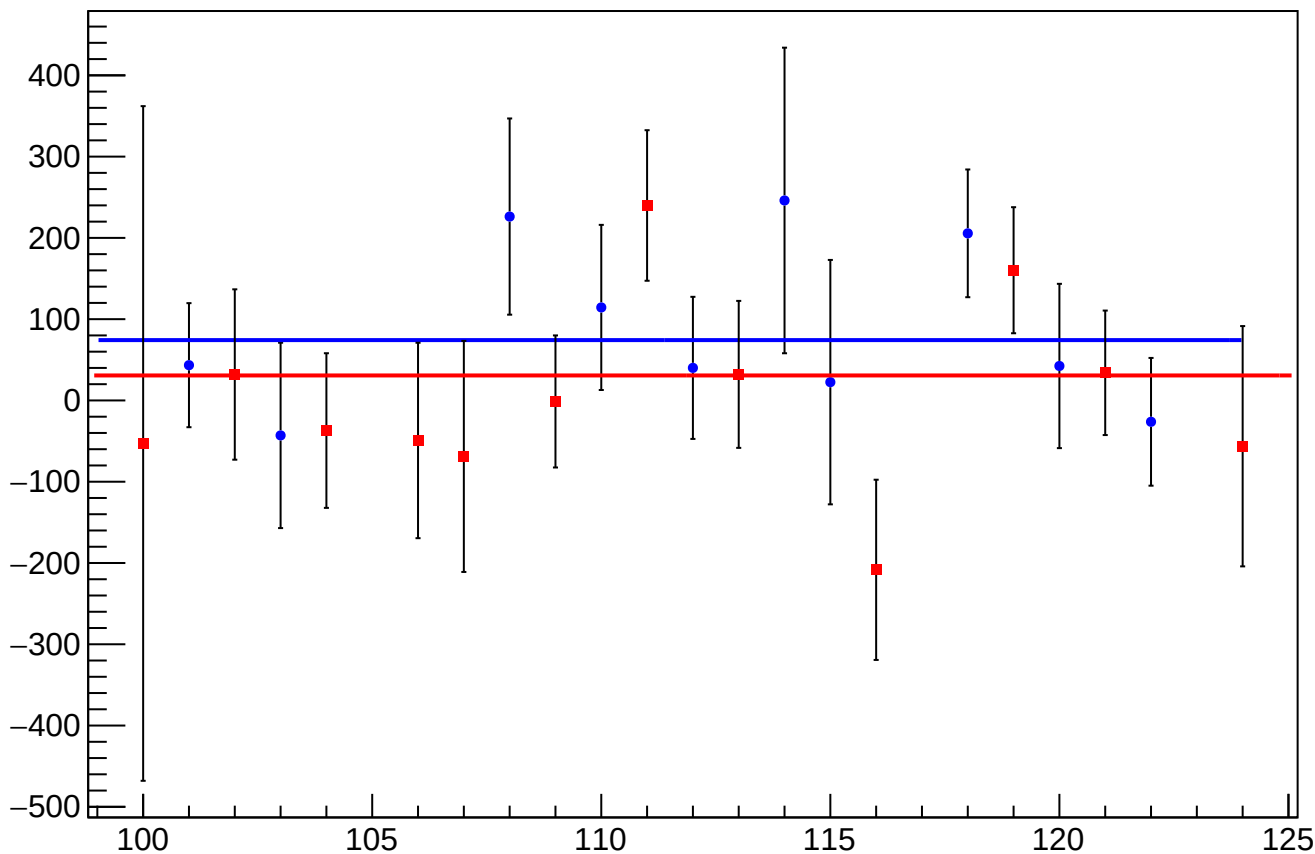
Right: 575.026+/-0.141 χ^2/NDF : 859332.2/21

In: 599.613+/-0.215 χ^2/NDF : 383440.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.026+/-0.141 χ^2/NDF : 859332.2/21

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 74.238+/-31.020 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.748+/-29.107 χ^2/NDF : 14.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

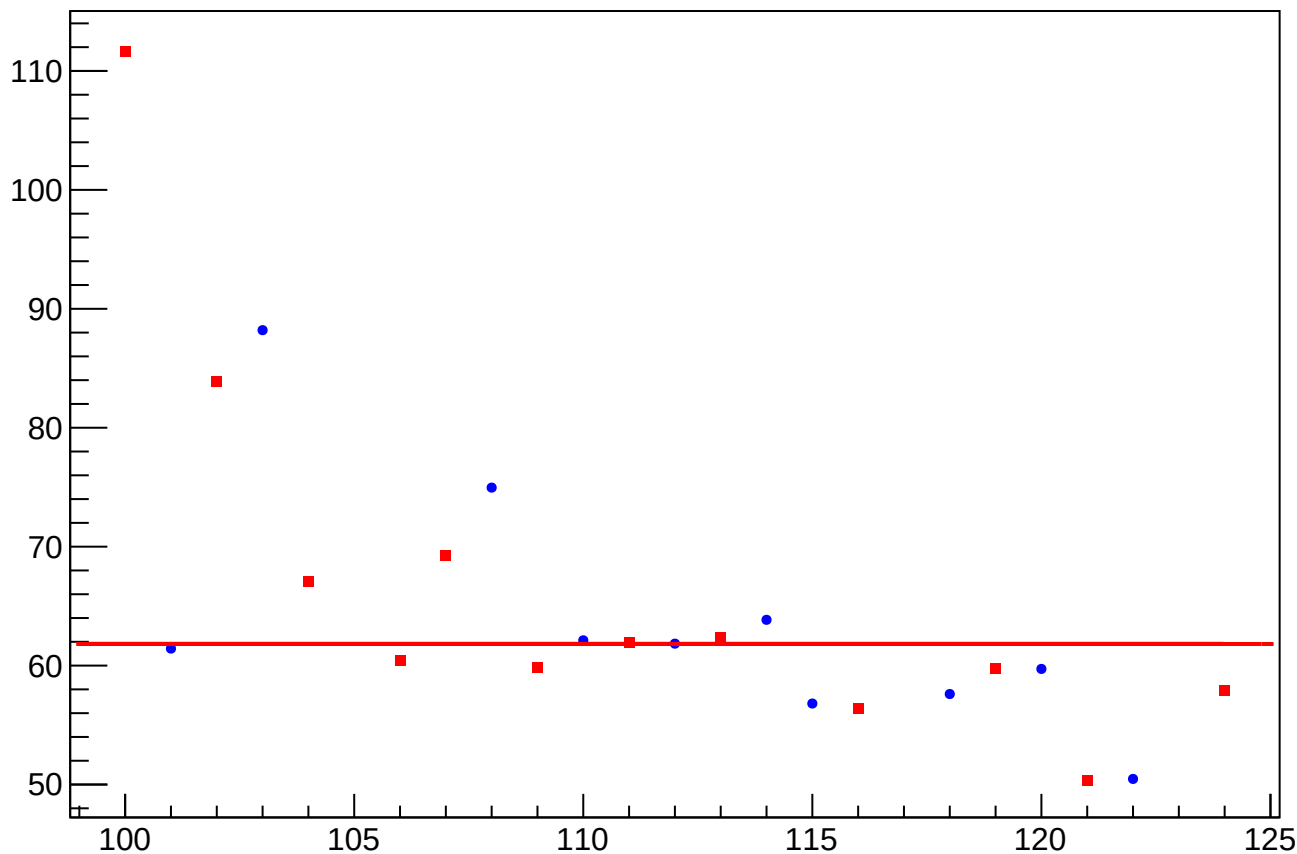
Right: 51.111+/-21.226 χ^2/NDF : 24.2/21

In: 74.238+/-31.020 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.111+/-21.226 χ^2/NDF : 24.2/21

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 61.828+/-0.022 χ^2/NDF : 181607.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.818+/-0.021 χ^2/NDF : 182836.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

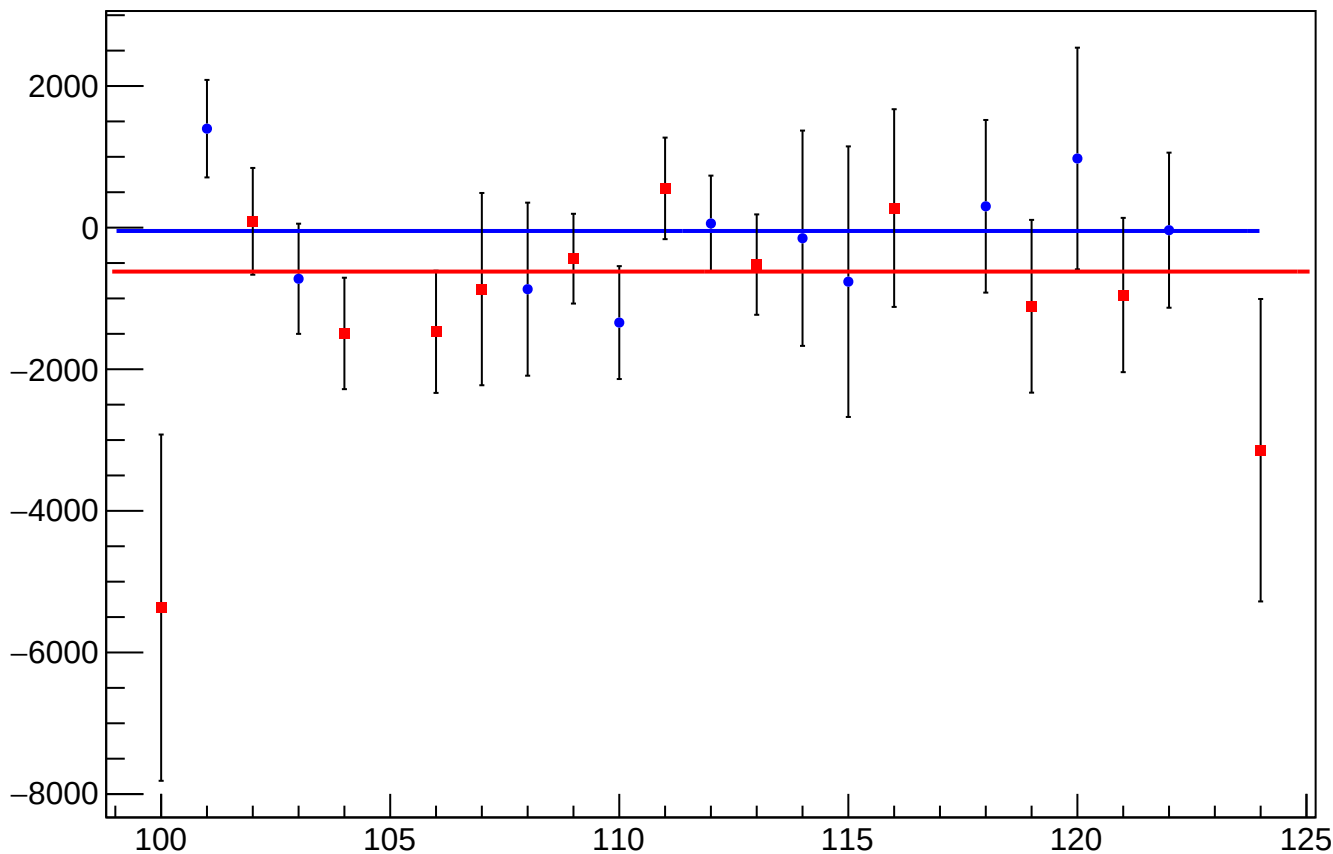
Right: 61.822+/-0.015 χ^2/NDF : 364443.5/21

In: 61.828+/-0.022 χ^2/NDF : 181607.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.822+/-0.015 χ^2/NDF : 364443.5/21

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.229+/-304.079 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -620.639+/-266.330 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

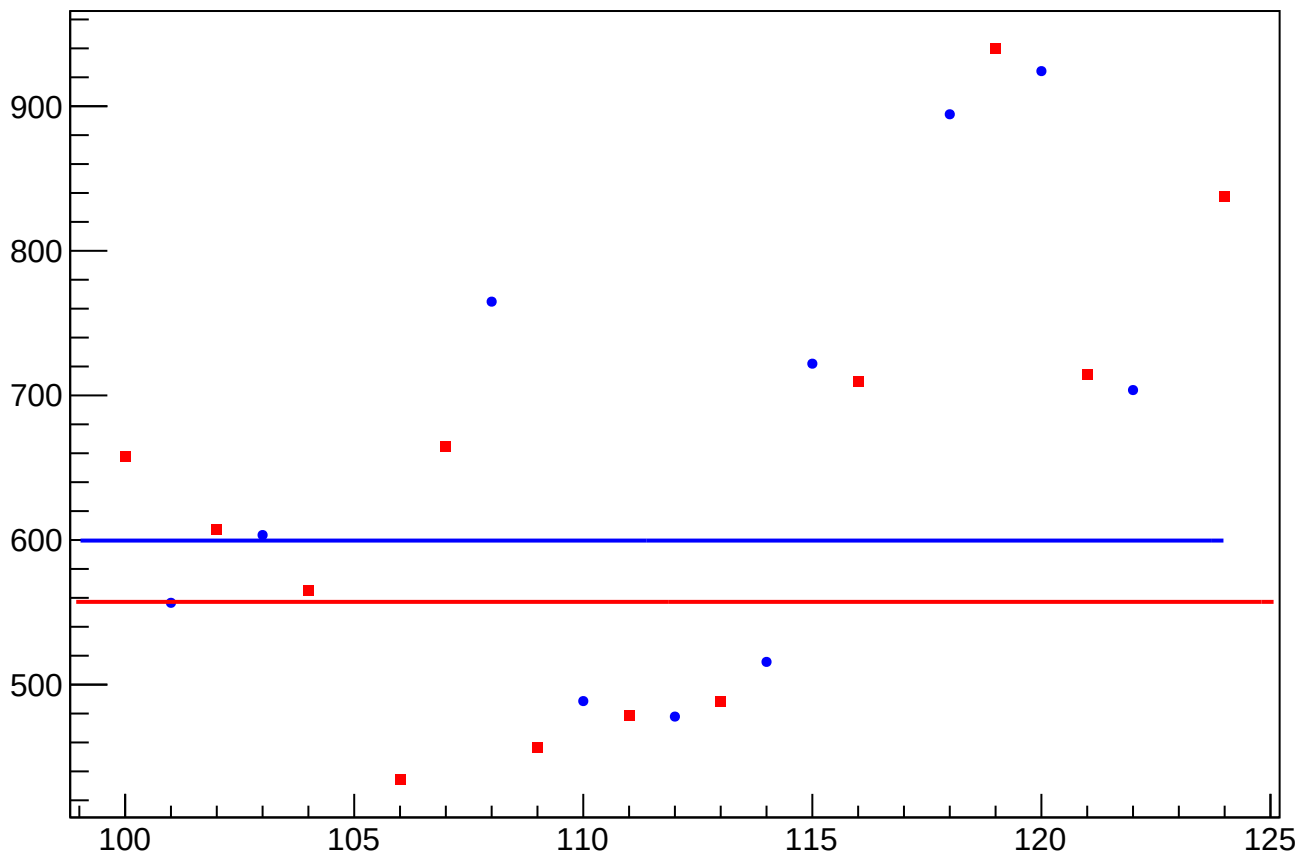
Right: -371.717+/-200.348 χ^2/NDF : 22.7/21

In: -47.229+/-304.079 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -371.717+/-200.348 χ^2/NDF : 22.7/21

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 599.620+/-0.215 χ^2/NDF : 383441.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.230+/-0.188 χ^2/NDF : 455230.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

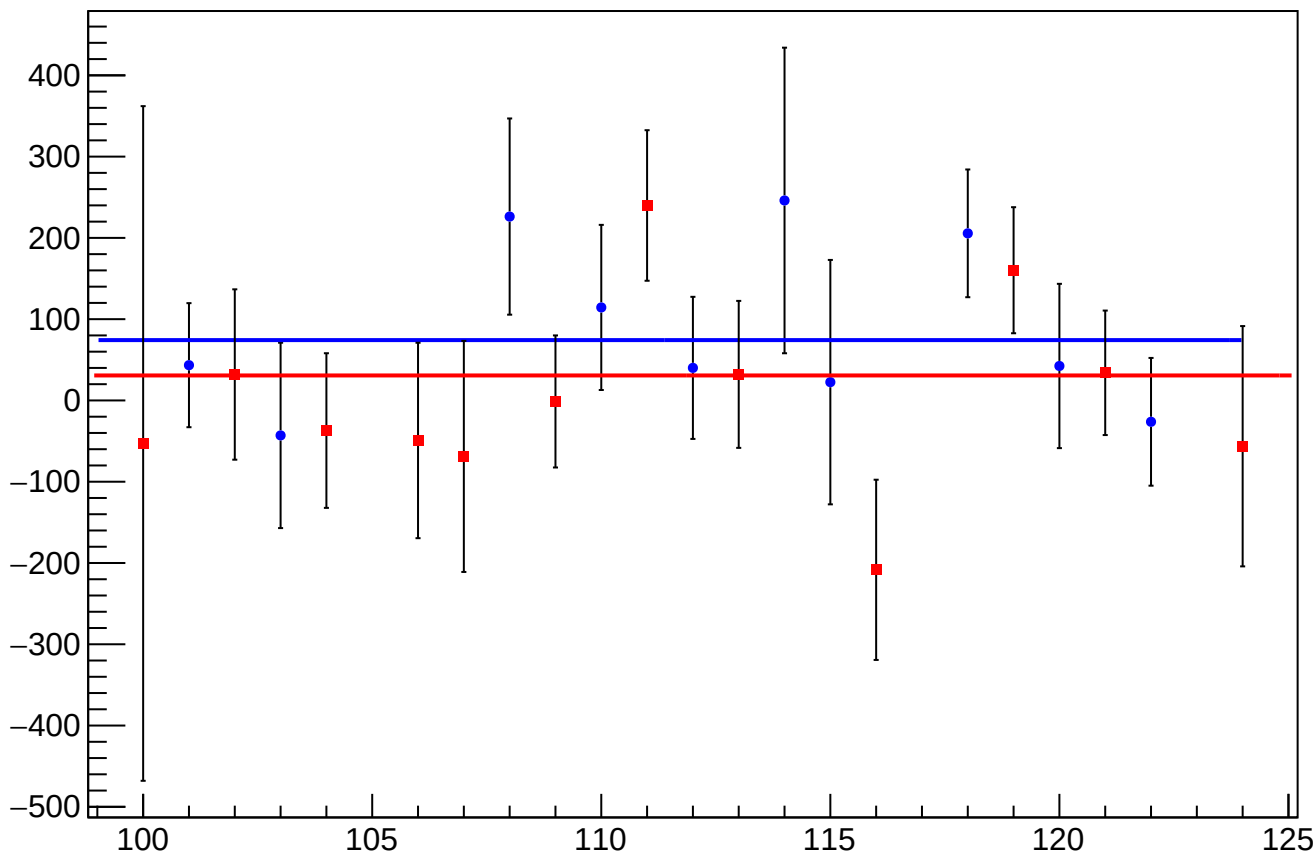
Right: 575.632+/-0.142 χ^2/NDF : 860667.9/21

In: 599.620+/-0.215 χ^2/NDF : 383441.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.632+/-0.142 χ^2/NDF : 860667.9/21

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 74.238+/-31.020 χ^2/NDF : 8.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.748+/-29.107 χ^2/NDF : 14.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

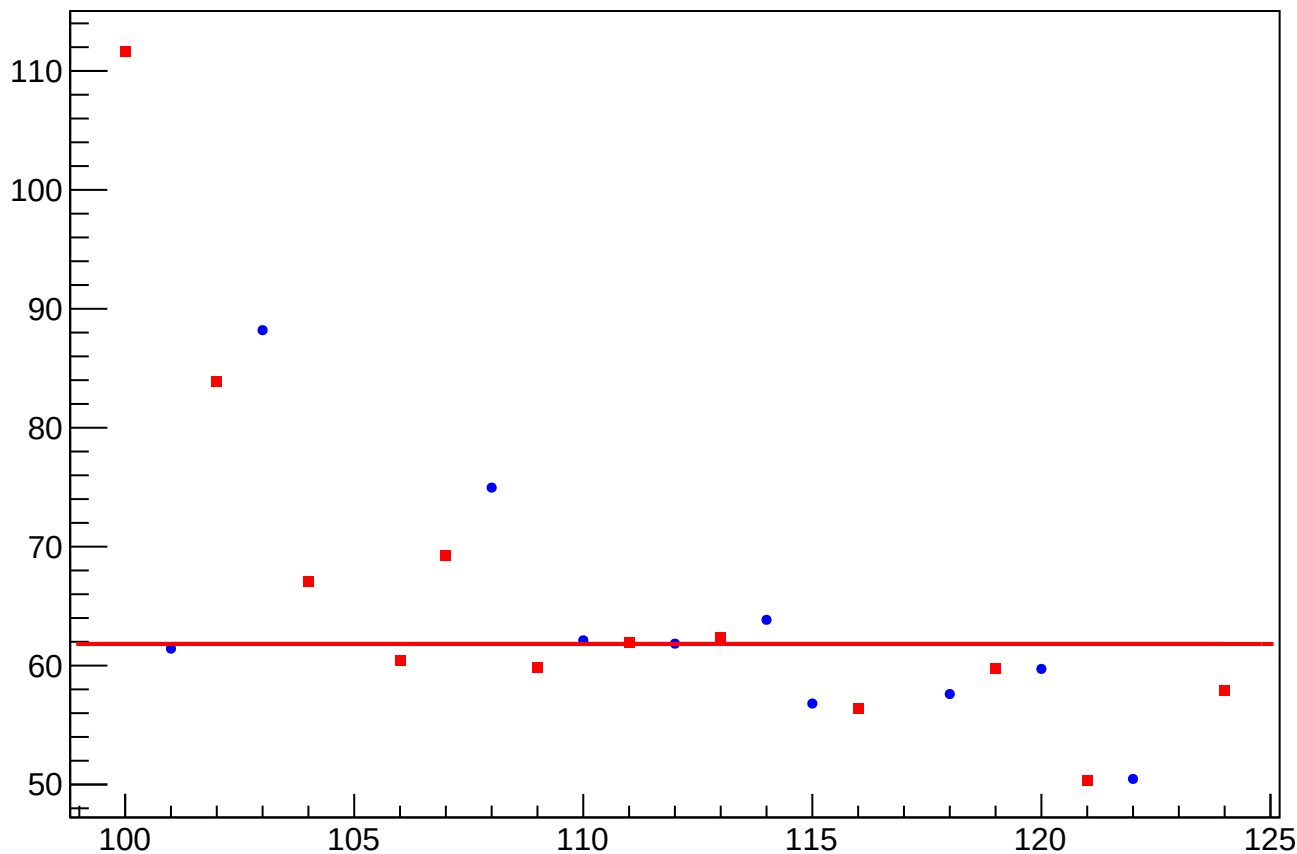
Right: 51.111+/-21.226 χ^2/NDF : 24.2/21

In: 74.238+/-31.020 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.111+/-21.226 χ^2/NDF : 24.2/21

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 61.828+/-0.022 χ^2/NDF : 181607.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.818+/-0.021 χ^2/NDF : 182836.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

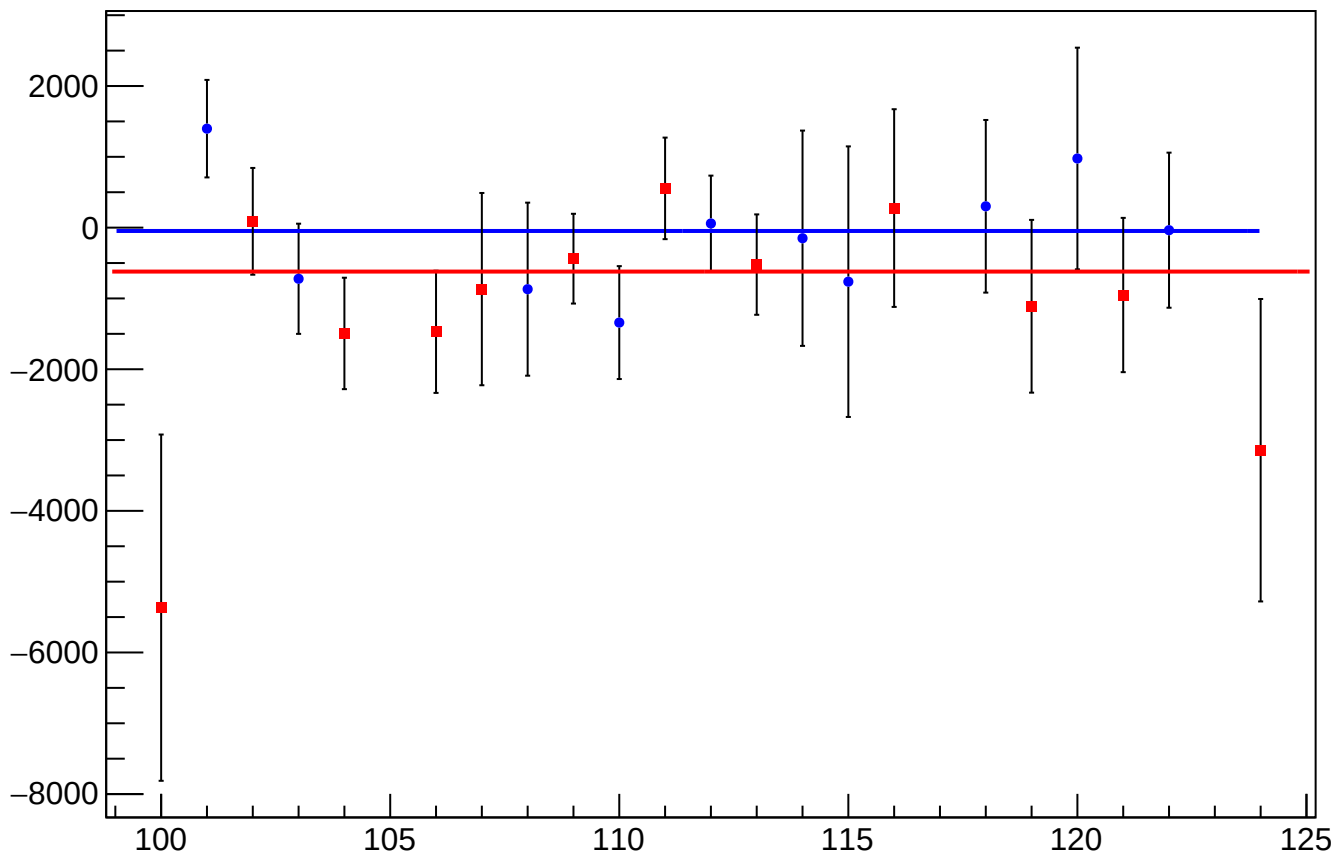
Right: 61.822+/-0.015 χ^2/NDF : 364443.5/21

In: 61.828+/-0.022 χ^2/NDF : 181607.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.822+/-0.015 χ^2/NDF : 364443.5/21

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.229 ± 304.079 χ^2/NDF : 8.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -620.639 ± 266.330 χ^2/NDF : 11.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

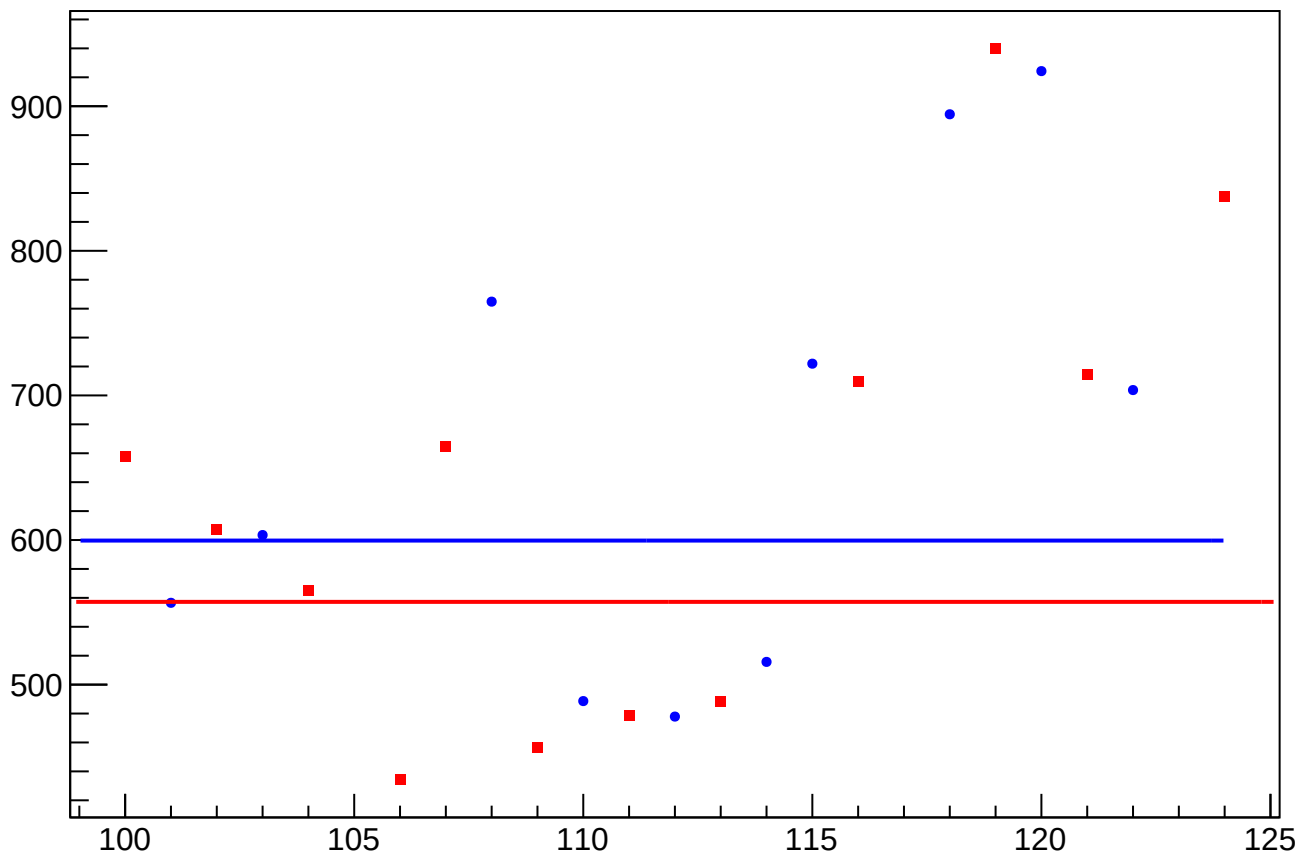
Right: -371.717 ± 200.348 χ^2/NDF : 22.7/21

In: -47.229 ± 304.079 χ^2/NDF : 8.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -371.717 ± 200.348 χ^2/NDF : 22.7/21

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 599.620+/-0.215 χ^2/NDF : 383441.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.230+/-0.188 χ^2/NDF : 455230.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

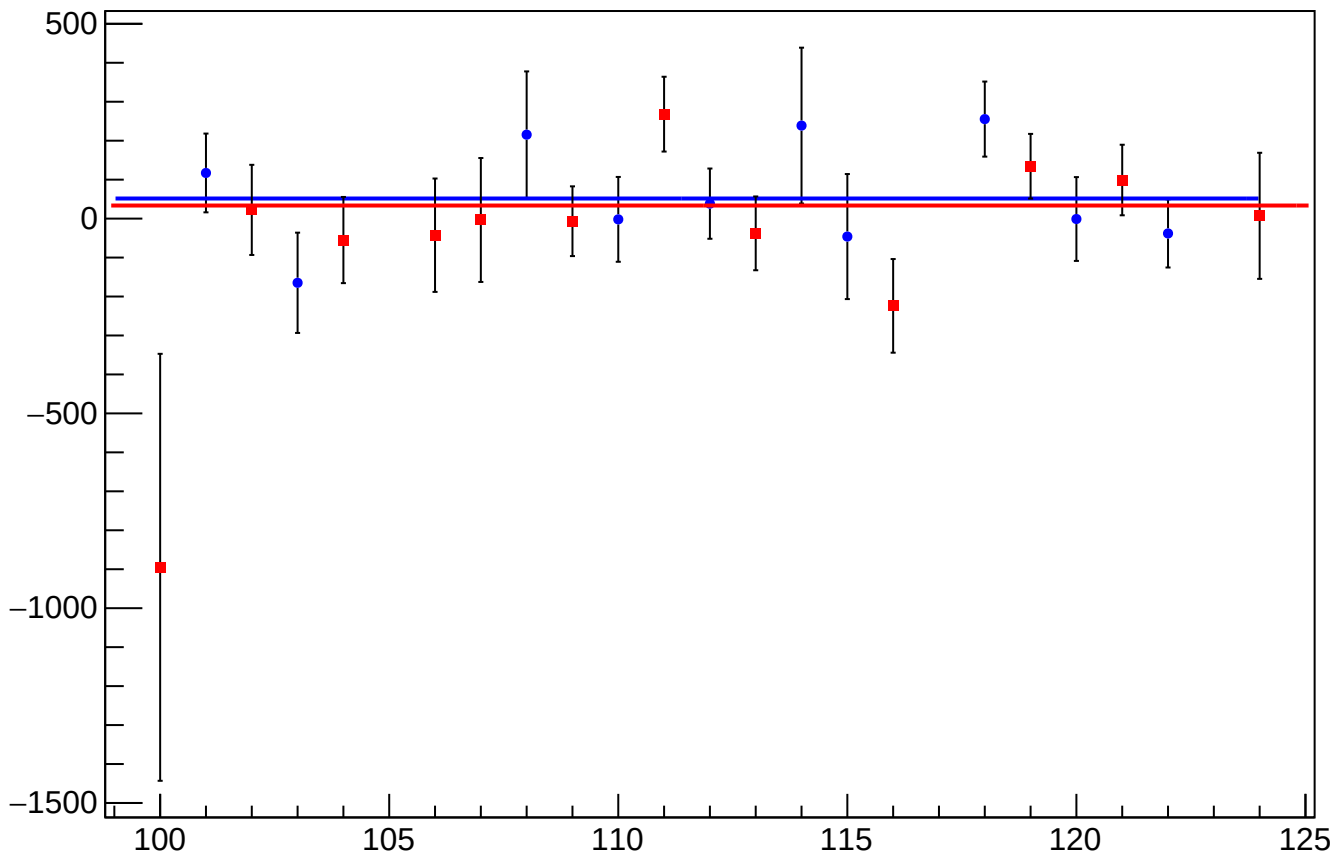
Right: 575.632+/-0.142 χ^2/NDF : 860667.9/21

In: 599.620+/-0.215 χ^2/NDF : 383441.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.632+/-0.142 χ^2/NDF : 860667.9/21

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 51.587+/-35.527 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.575+/-32.178 χ^2/NDF : 17.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

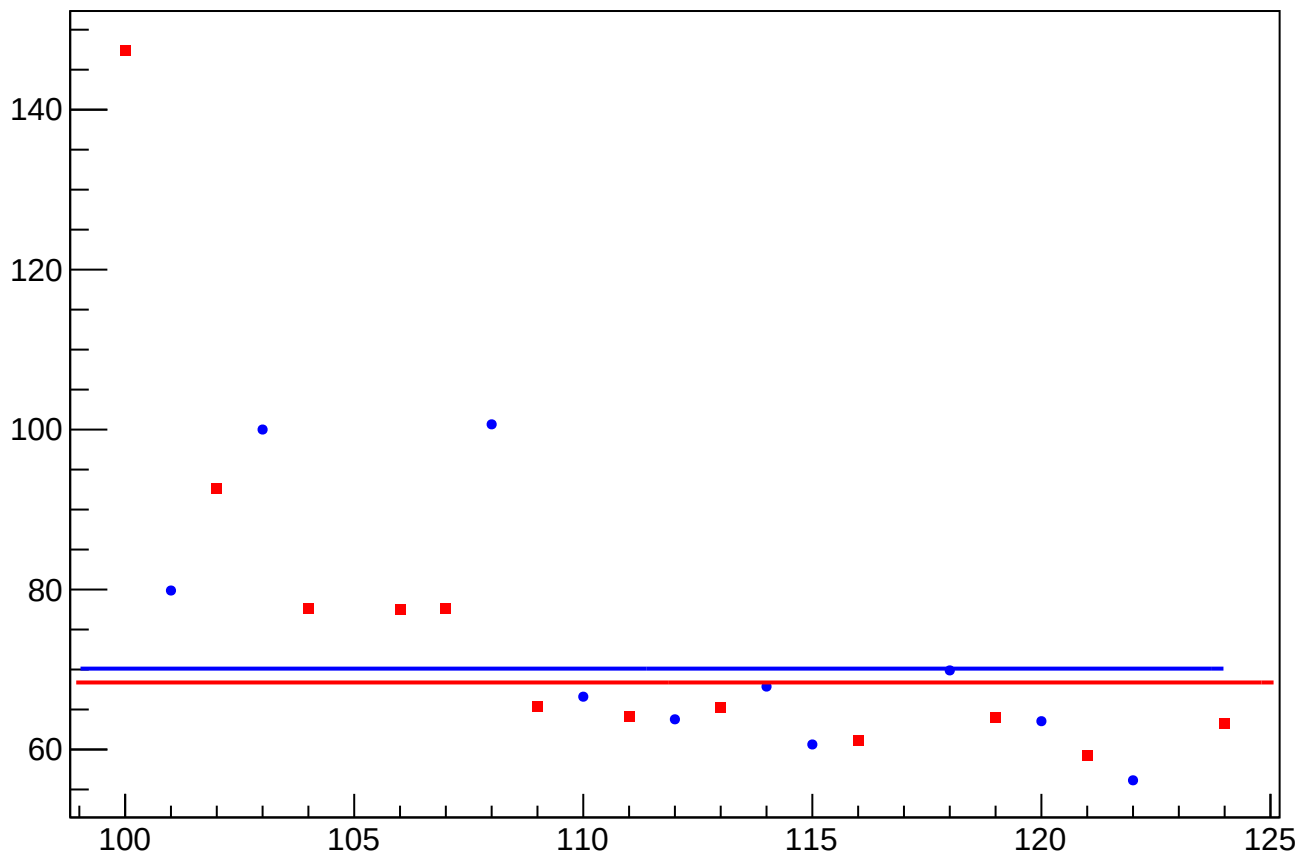
Right: 41.692+/-23.850 χ^2/NDF : 28.9/21

In: 51.587+/-35.527 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.692+/-23.850 χ^2/NDF : 28.9/21

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 70.112 $\pm$ 0.025 χ^2 /NDF: 274986.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 68.380 $\pm$ 0.023 χ^2 /NDF: 201996.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

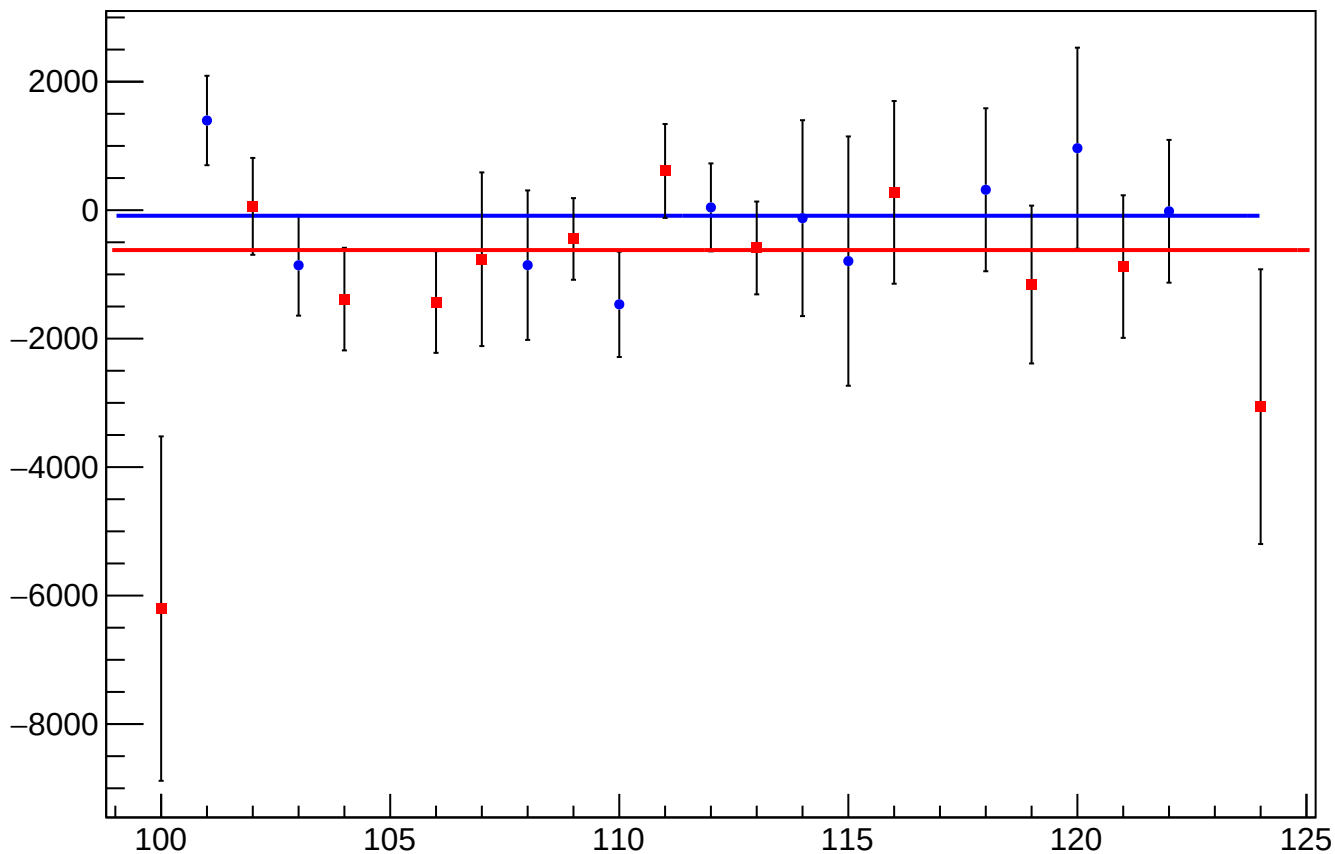
Right: 69.160 $\pm$ 0.017 χ^2 /NDF: 479595.2/21

In: 70.112 $\pm$ 0.025 χ^2 /NDF:274986.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.160 $\pm$ 0.017 χ^2 /NDF: 479595.2/21

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -86.984 ± 307.353 $\chi^2/\text{NDF}: 9.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -621.264 ± 266.659 $\chi^2/\text{NDF}: 12.0/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

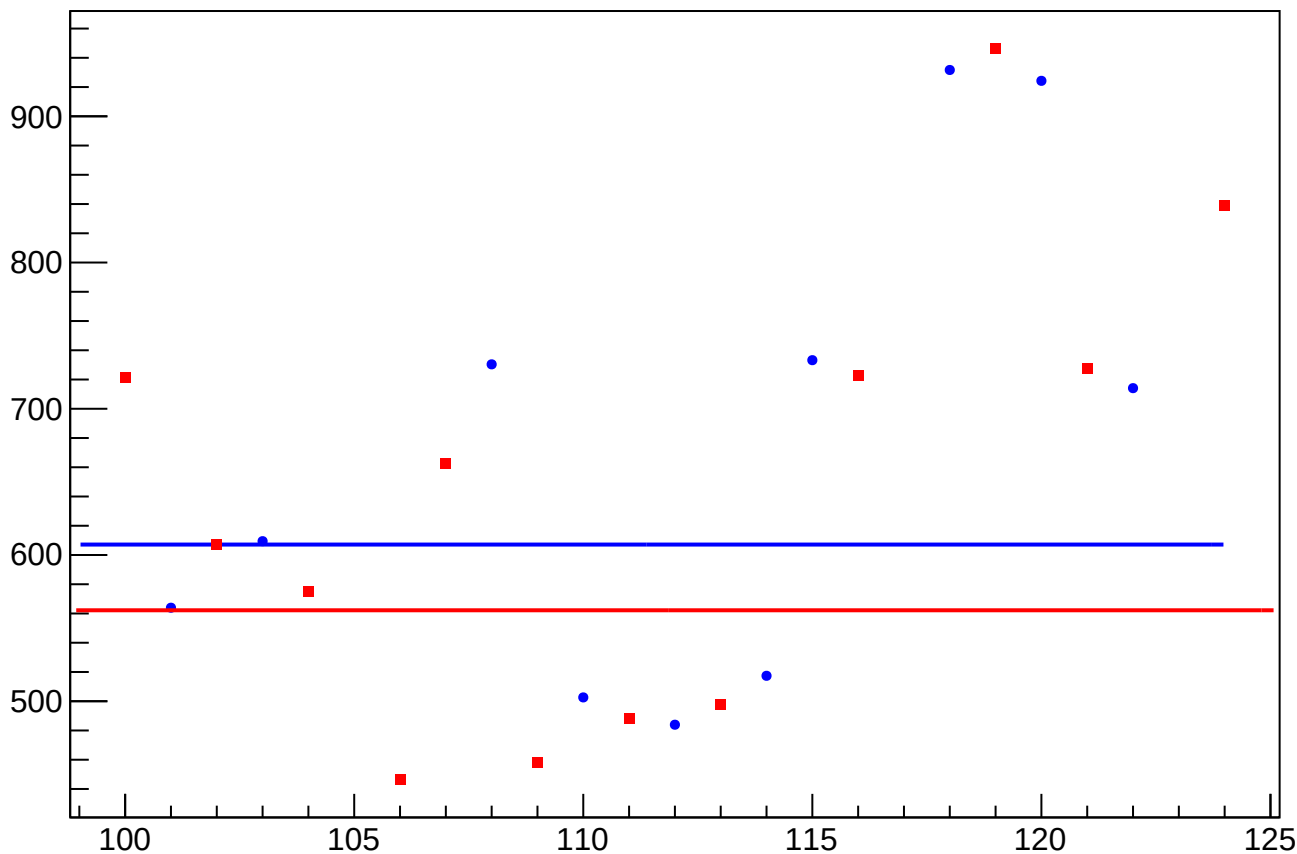
Right: -391.812 ± 201.418 $\chi^2/\text{NDF}: 23.2/21$

In: -86.984 ± 307.353 $\chi^2/\text{NDF}: 9.5/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -391.812 ± 201.418 $\chi^2/\text{NDF}: 23.2/21$

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 607.140+/-0.217 χ^2/NDF : 374326.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.196+/-0.189 χ^2/NDF : 457664.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

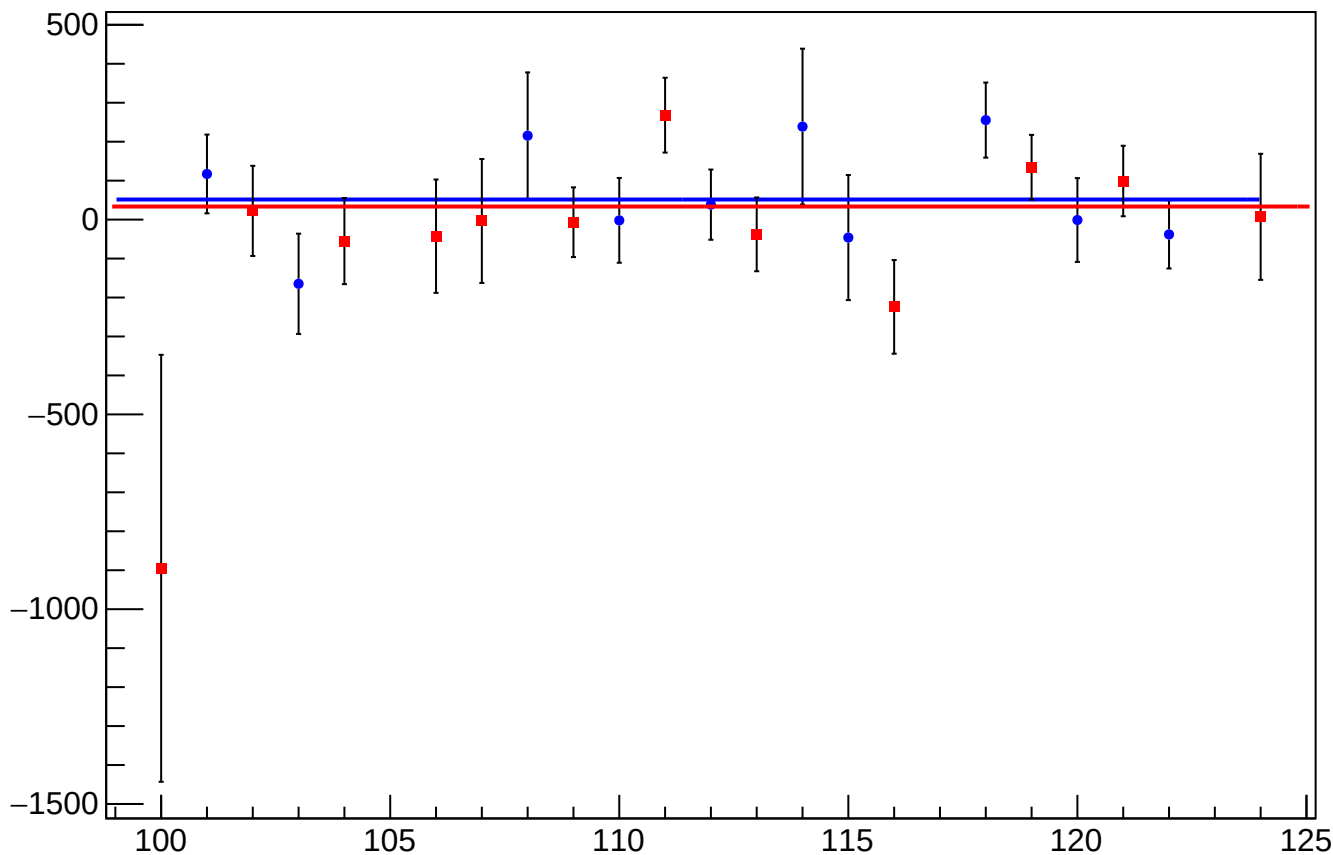
Right: 581.498+/-0.142 χ^2/NDF : 856389.9/21

In: 607.140+/-0.217 χ^2/NDF : 374326.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.498+/-0.142 χ^2/NDF : 856389.9/21

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 51.587+/-35.527 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.575+/-32.178 χ^2/NDF : 17.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

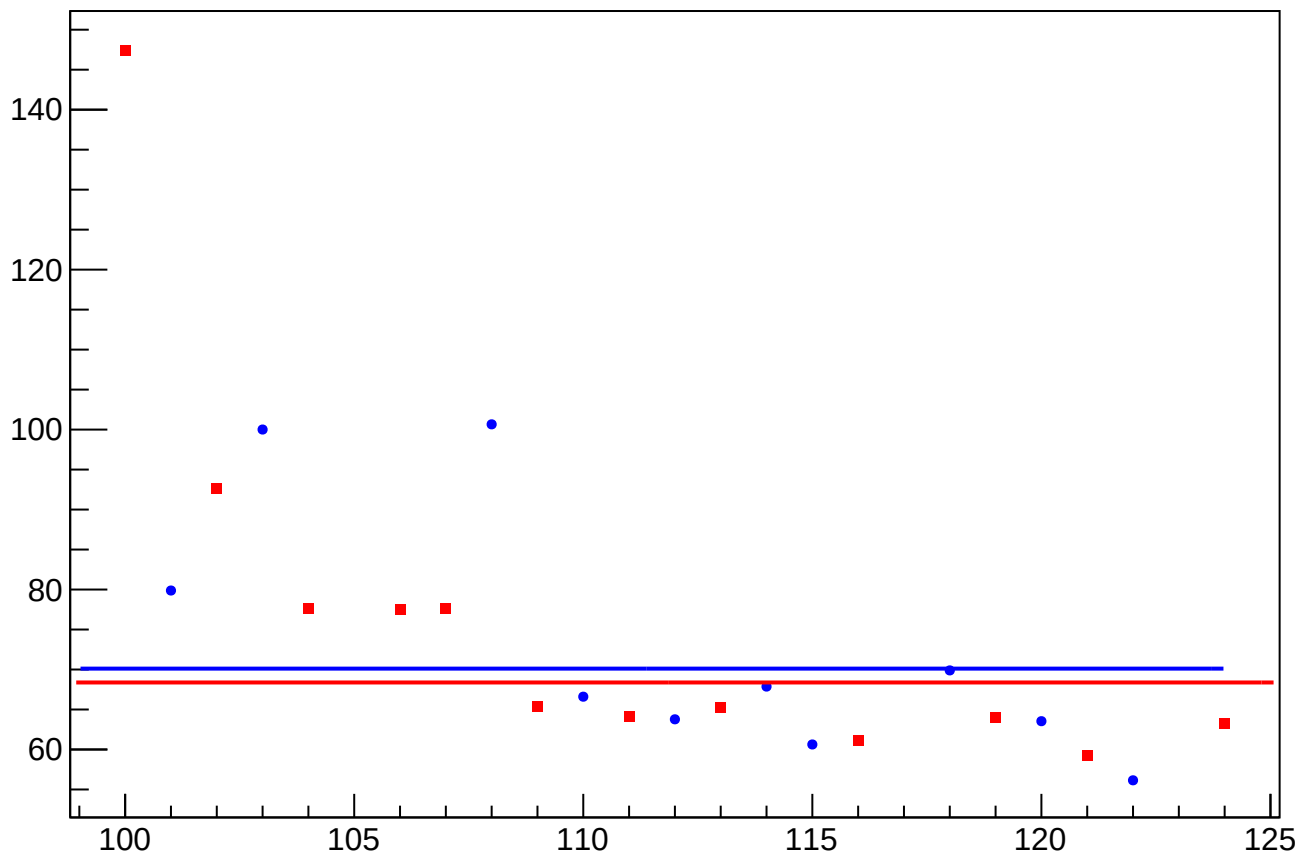
Right: 41.692+/-23.850 χ^2/NDF : 28.9/21

In: 51.587+/-35.527 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.692+/-23.850 χ^2/NDF : 28.9/21

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 70.112+/-0.025 χ^2/NDF : 274990.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.379+/-0.023 χ^2/NDF : 201999.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

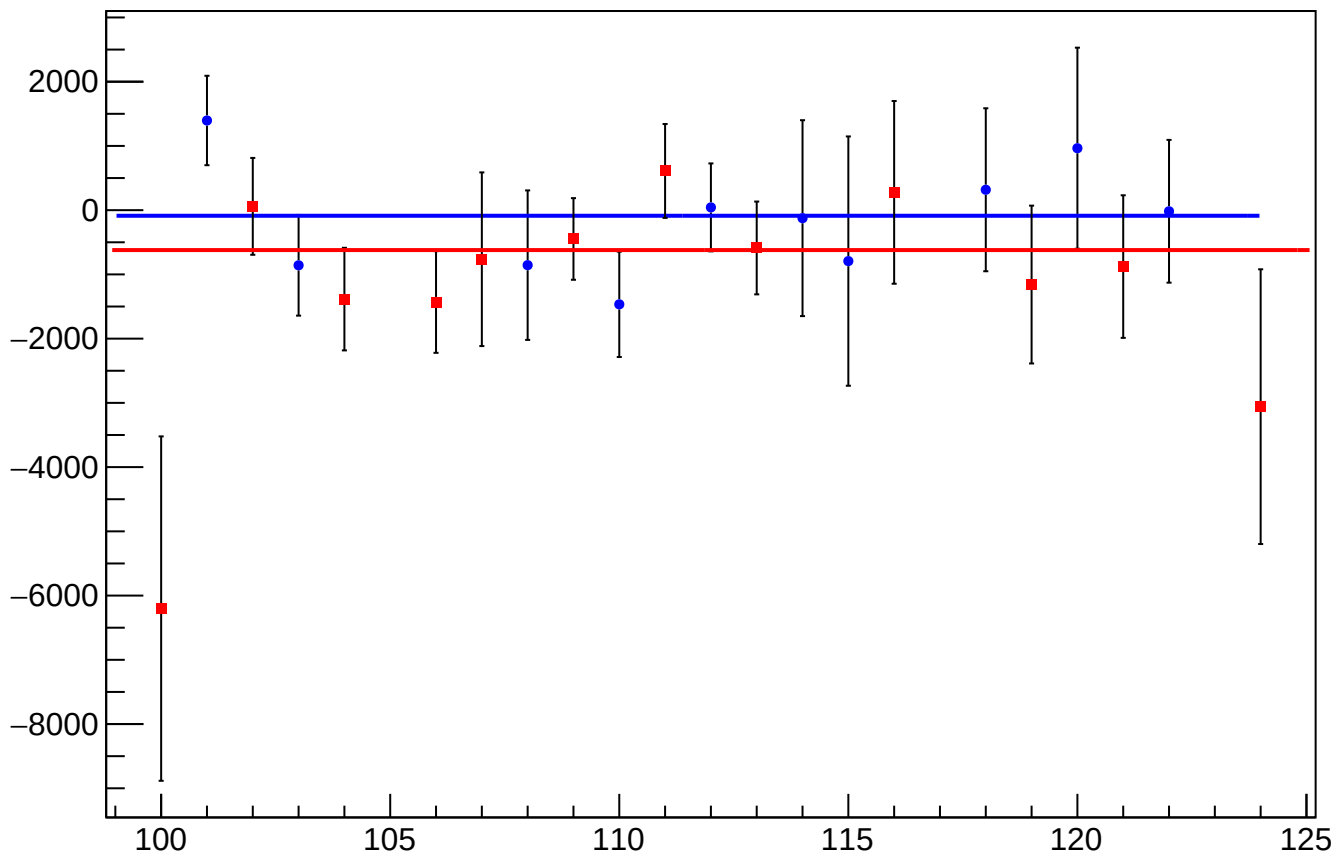
Right: 69.160+/-0.017 χ^2/NDF : 479602.8/21

In: 70.112+/-0.025 χ^2/NDF : 274990.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.160+/-0.017 χ^2/NDF : 479602.8/21

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -86.984 ± 307.353 χ^2/NDF : 9.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -621.263 ± 266.659 χ^2/NDF : 12.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

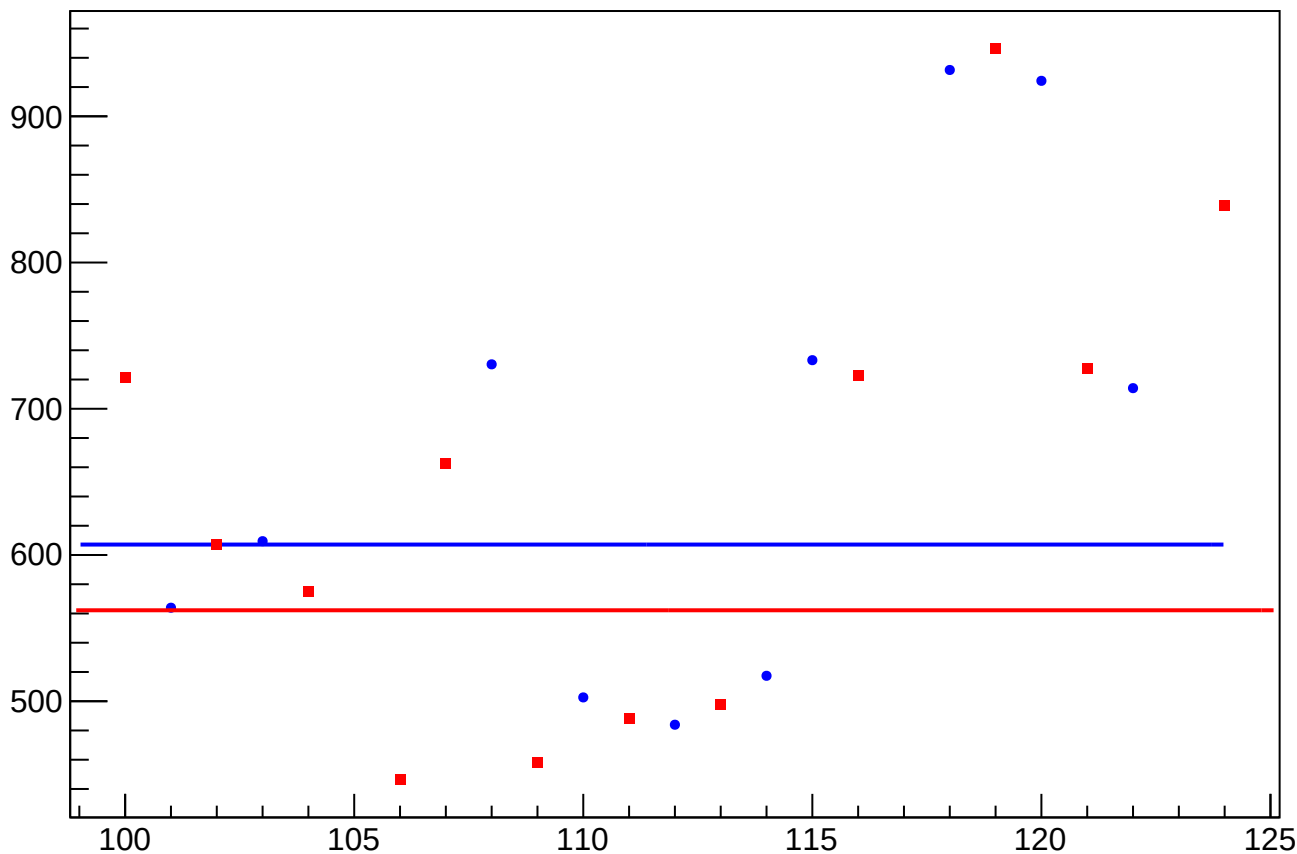
Right: -391.811 ± 201.418 χ^2/NDF : 23.2/21

In: -86.984 ± 307.353 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -391.811 ± 201.418 χ^2/NDF : 23.2/21

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 607.139+/-0.217 χ^2/NDF : 374328.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.196+/-0.189 χ^2/NDF : 457666.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

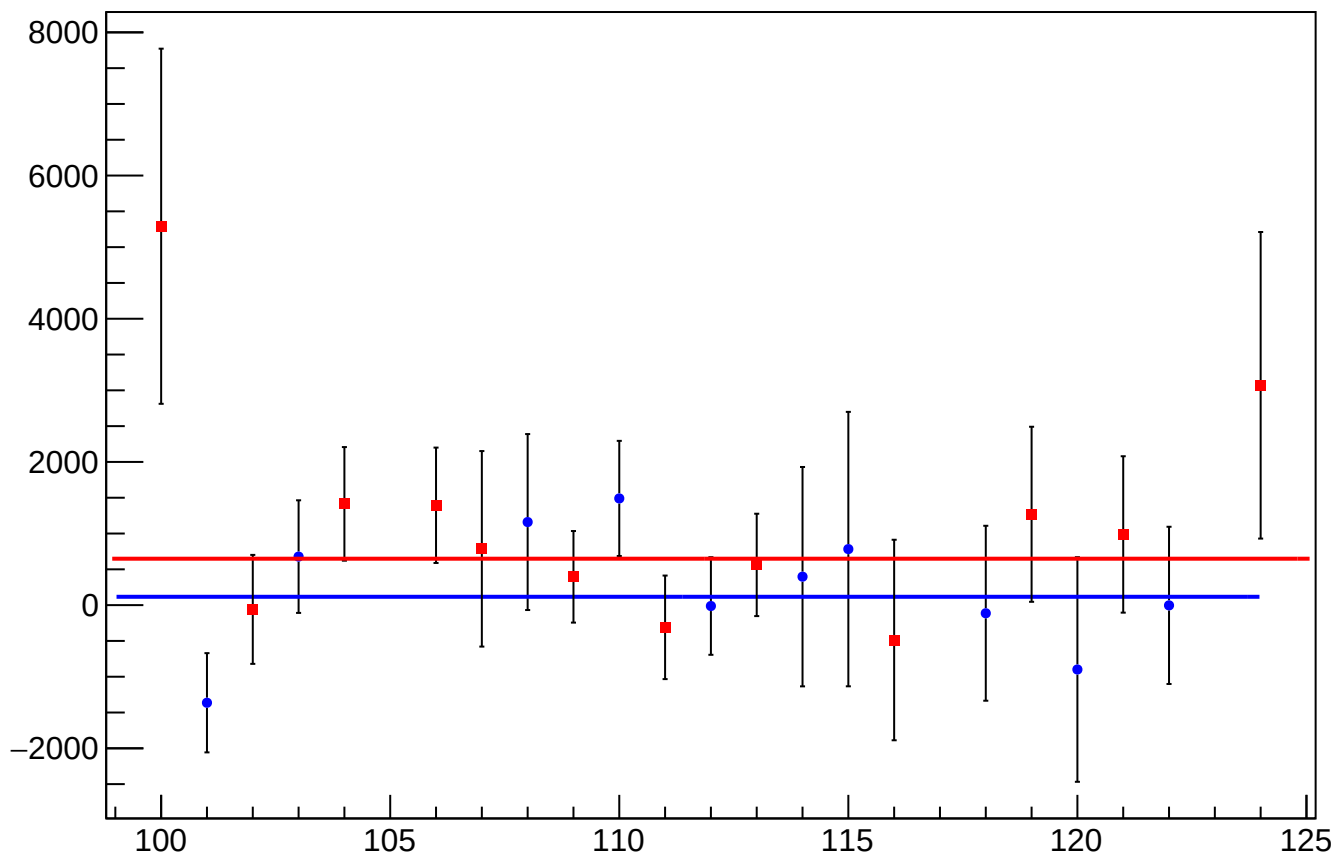
Right: 581.497+/-0.142 χ^2/NDF : 856393.5/21

In: 607.139+/-0.217 χ^2/NDF : 374328.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.497+/-0.142 χ^2/NDF : 856393.5/21

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 116.484 $\pm$ 306.218 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 648.348 $\pm$ 266.267 χ^2 /NDF: 10.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

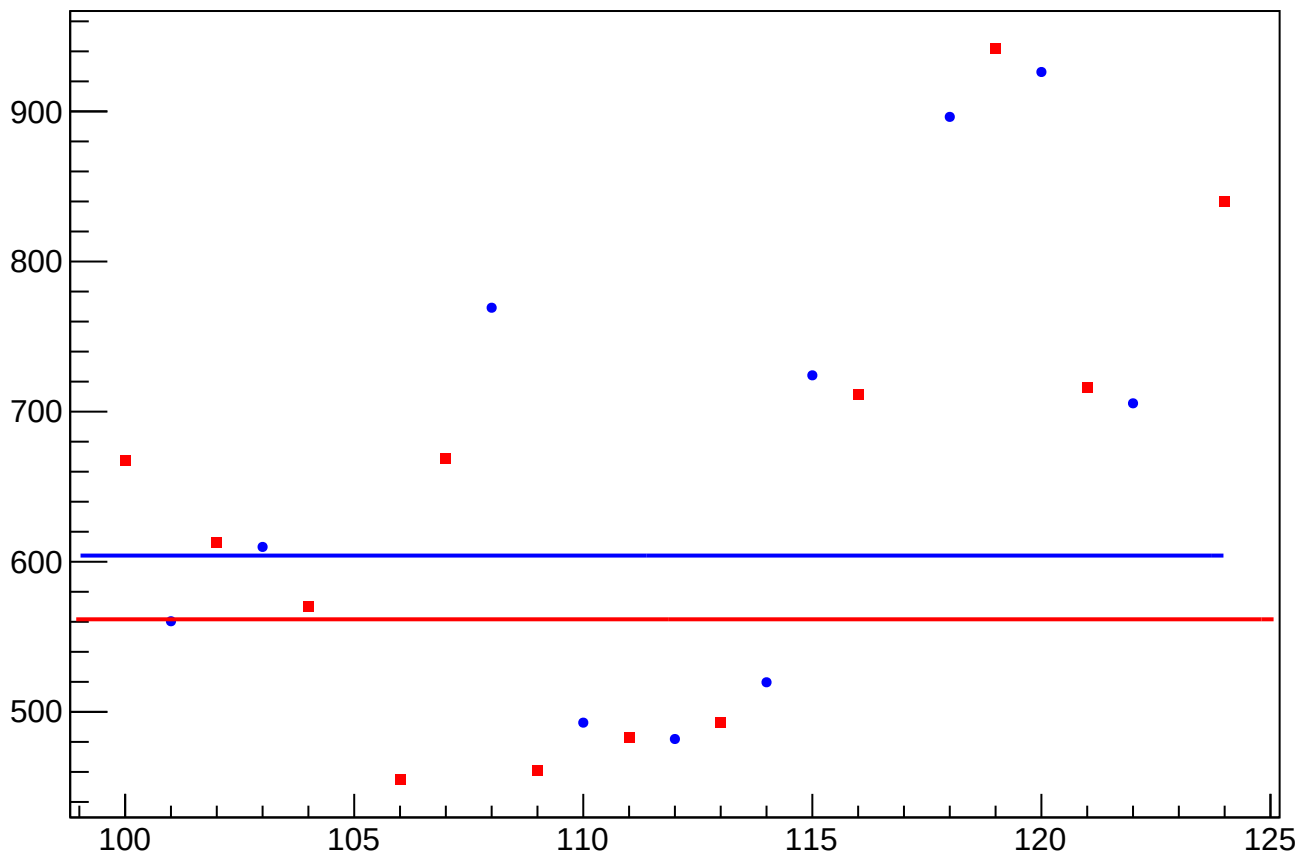
Right: 419.352 $\pm$ 200.930 χ^2 /NDF: 21.5/21

In: 116.484 $\pm$ 306.218 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 419.352 $\pm$ 200.930 χ^2 /NDF: 21.5/21

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 604.124+/-0.217 χ^2/NDF : 376553.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.668+/-0.188 χ^2/NDF : 442552.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

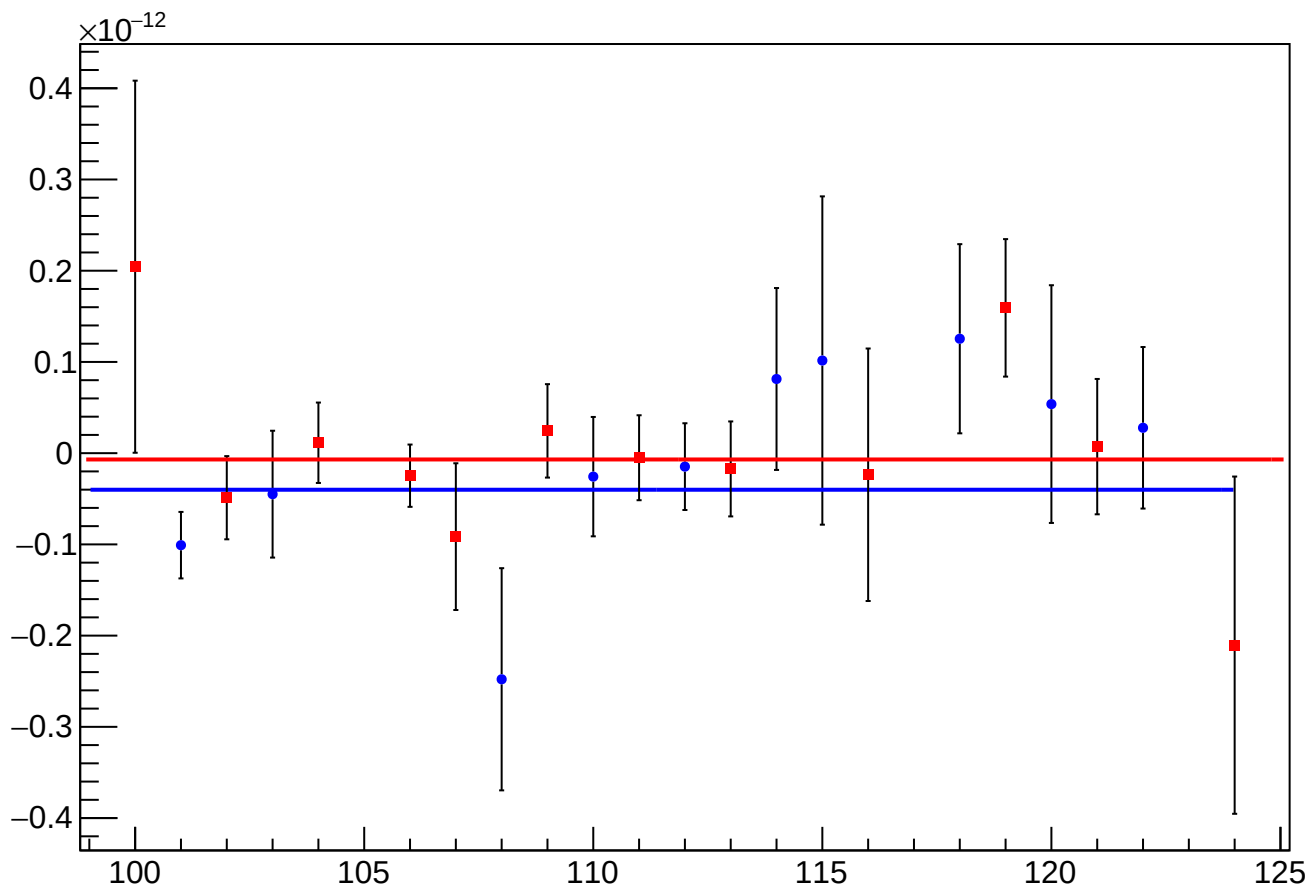
Right: 579.948+/-0.142 χ^2/NDF : 840998.0/21

In: 604.124+/-0.217 χ^2/NDF : 376553.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.948+/-0.142 χ^2/NDF : 840998.0/21

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

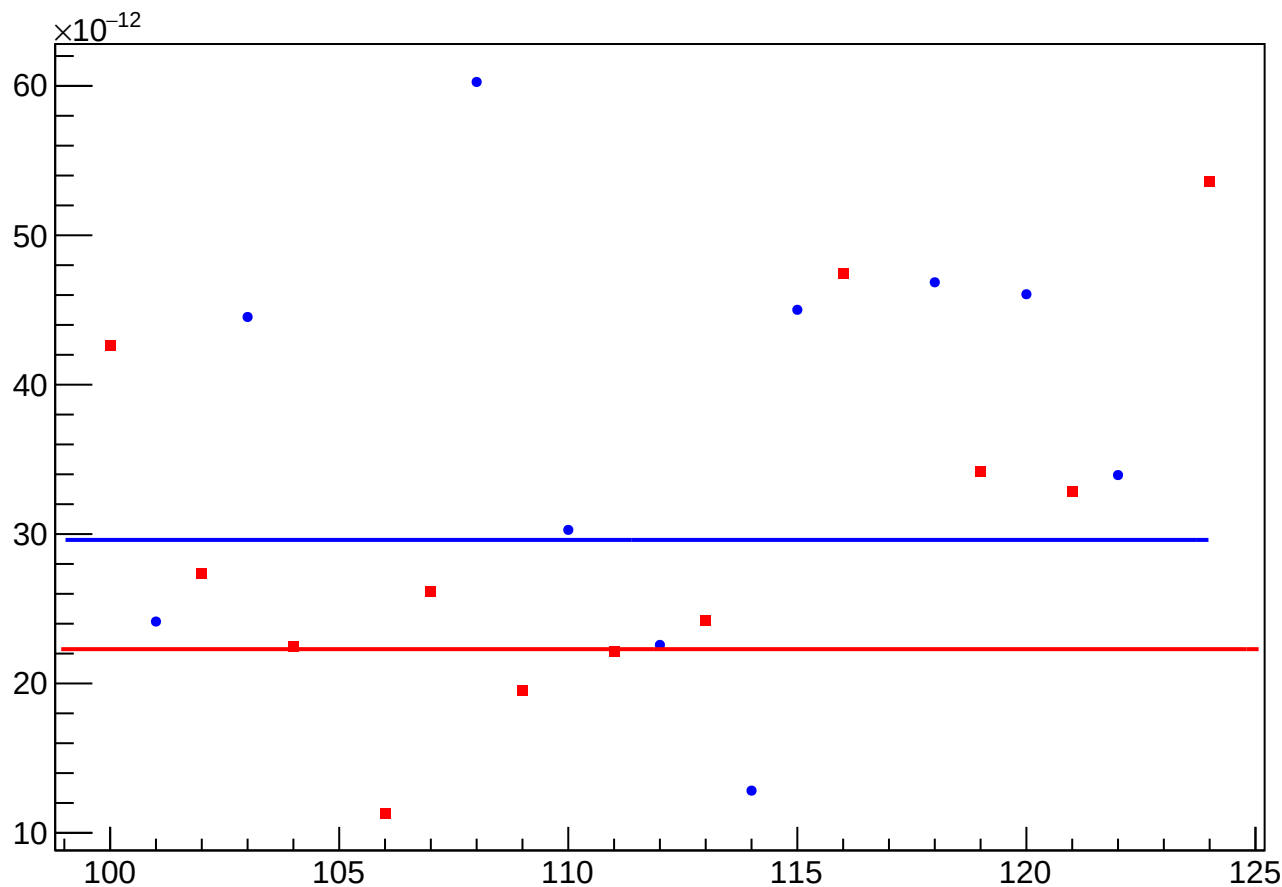
Right: -0.000+/-0.000 χ^2/NDF : 23.3/21

In: -0.000+/-0.000 χ^2/NDF : 11.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.3/21

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 471108.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 479214.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

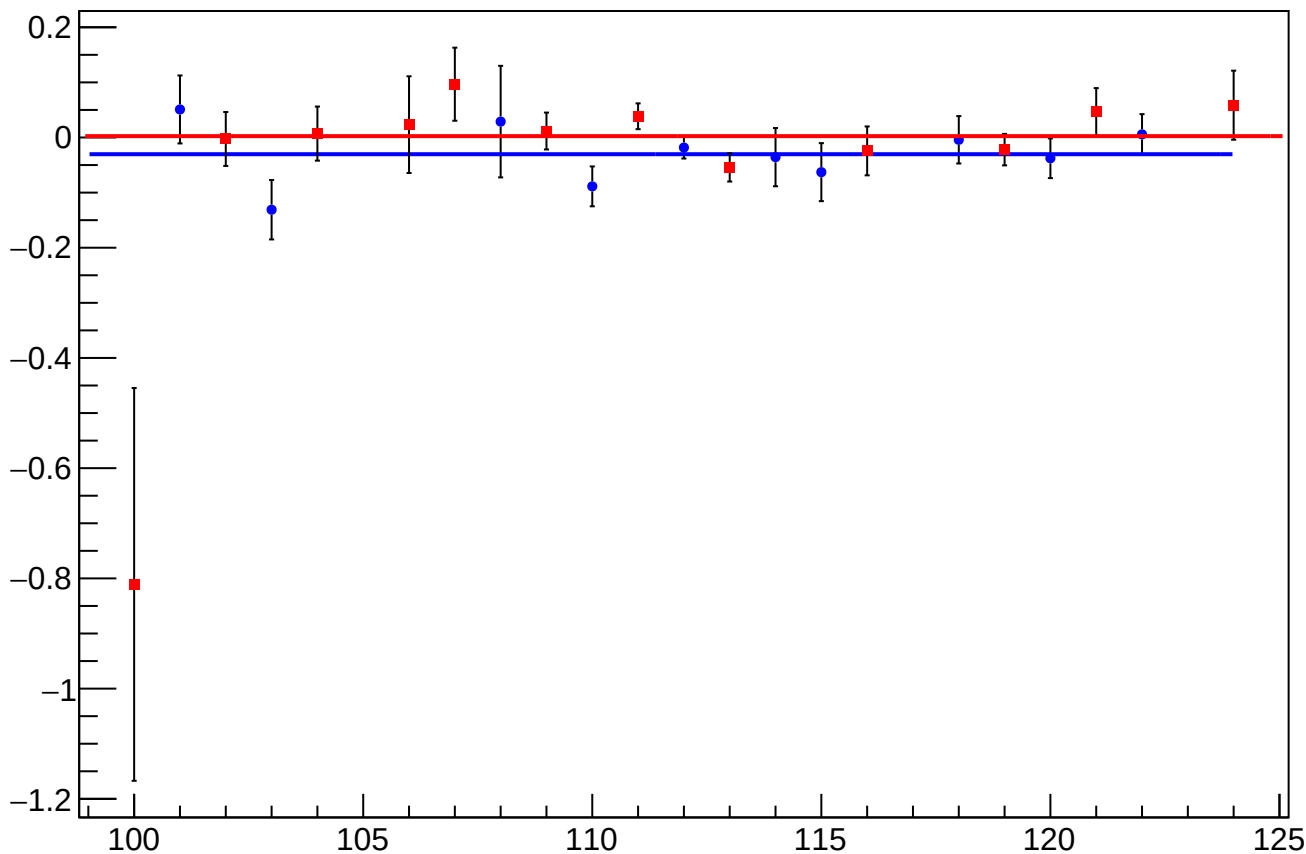
Right: 0.000+/-0.000 χ^2/NDF : 1094027.8/21

In: 0.000+/-0.000 χ^2/NDF : 471108.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1094027.8/21

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.011 χ^2/NDF : 17.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

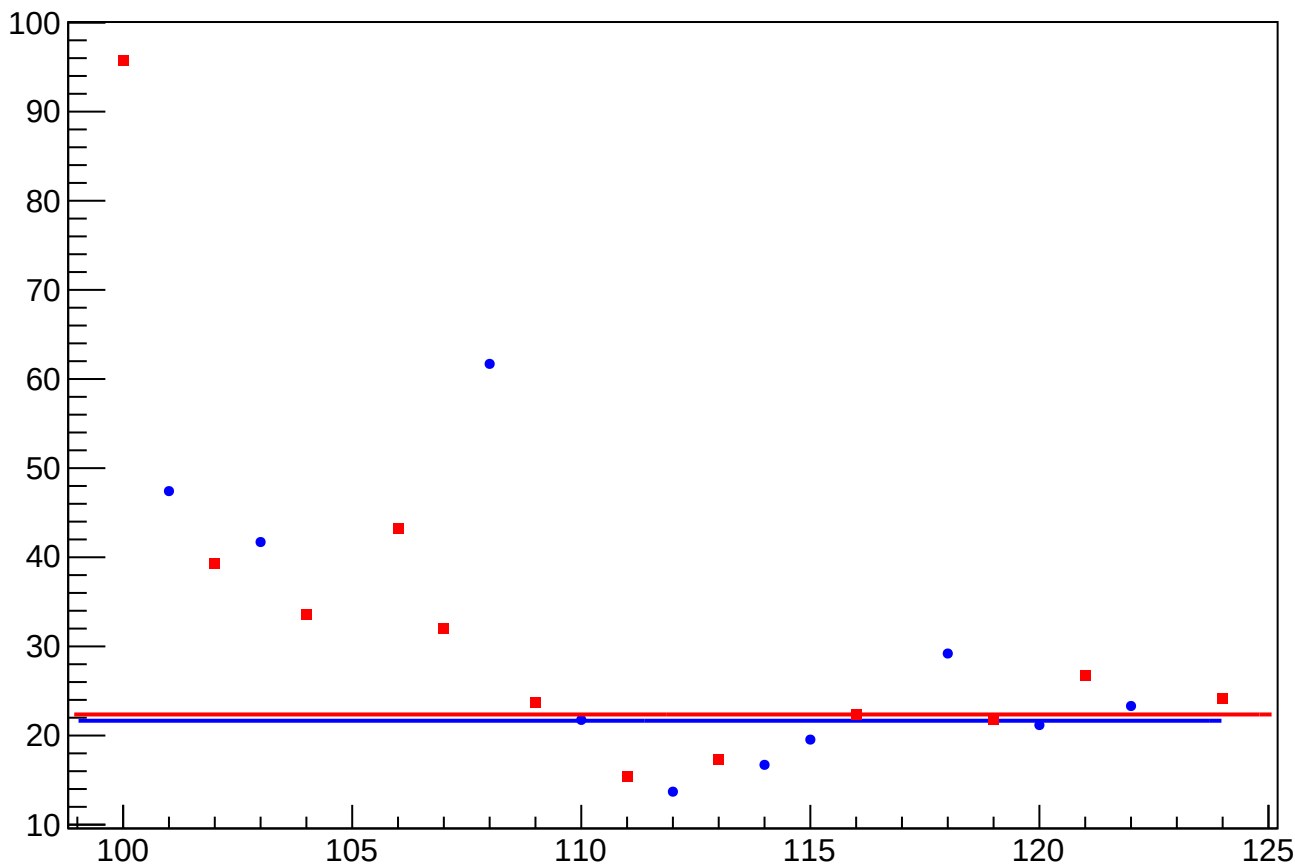
Right: -0.013+/-0.008 χ^2/NDF : 31.9/21

In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.008 χ^2/NDF : 31.9/21

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.661+/-0.009 χ^2/NDF : 1344270.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.364+/-0.008 χ^2/NDF : 866638.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

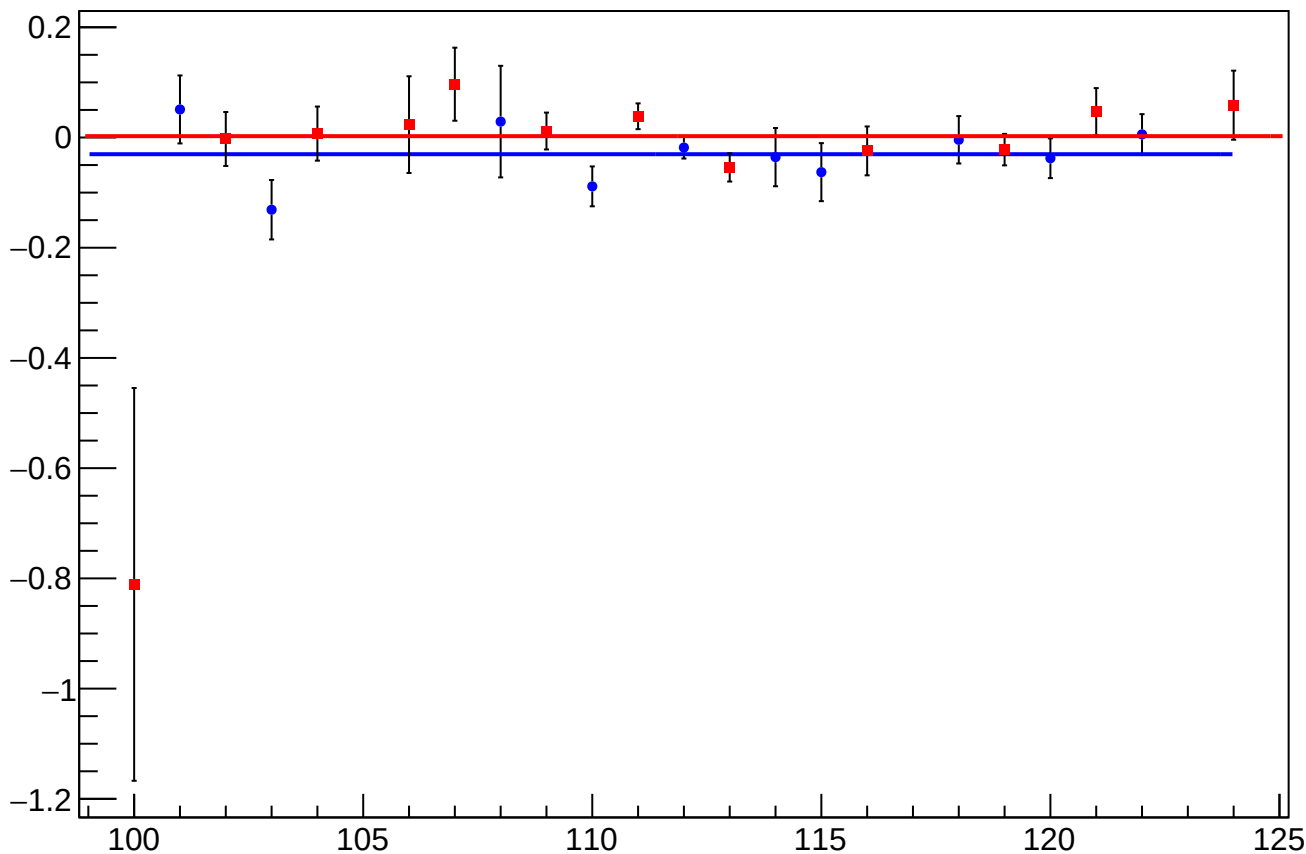
Right: 22.041+/-0.006 χ^2/NDF : 2214521.9/21

In: 21.661+/-0.009 χ^2/NDF : 1344270.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.041+/-0.006 χ^2/NDF : 2214521.9/21

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.011 χ^2/NDF : 17.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

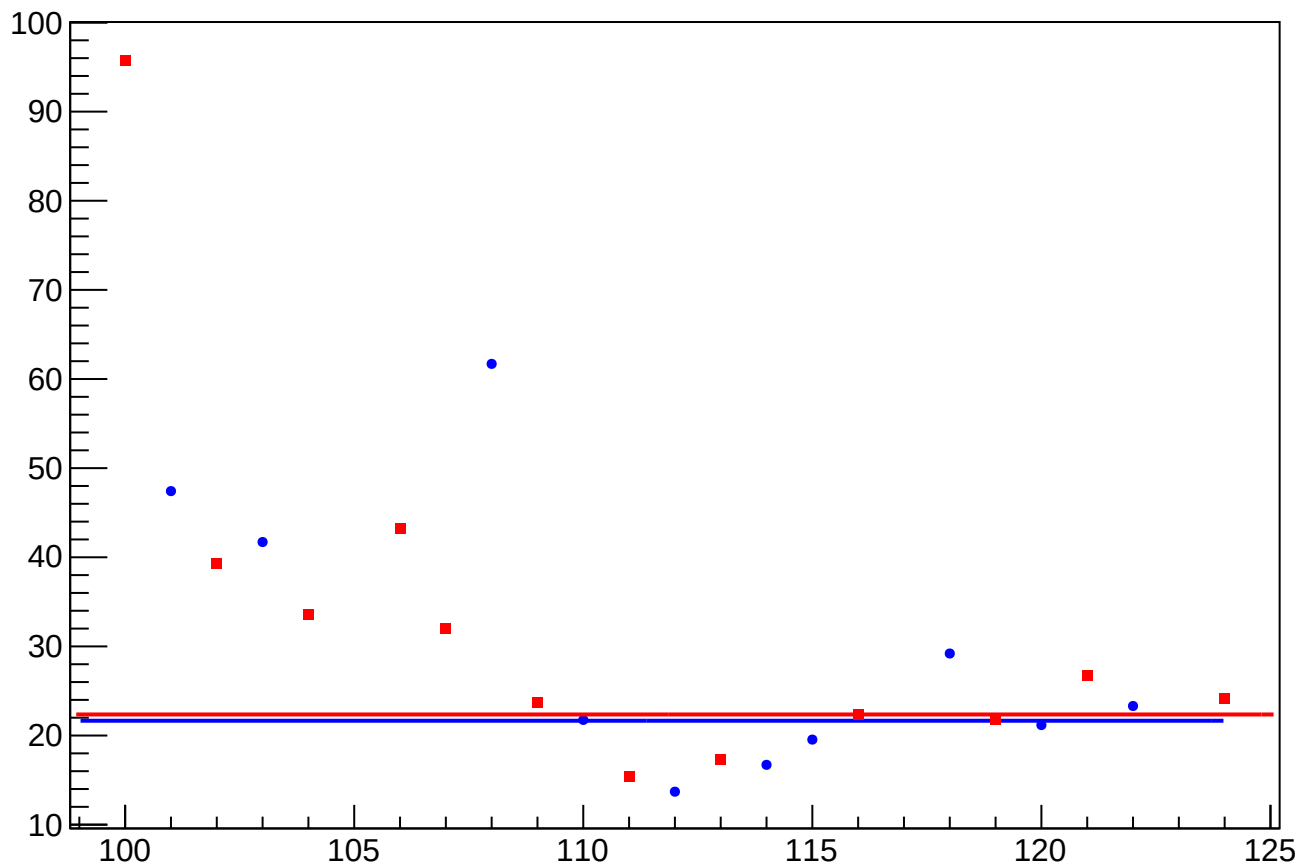
Right: -0.013+/-0.008 χ^2/NDF : 31.9/21

In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.008 χ^2/NDF : 31.9/21

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.661+/-0.009 χ^2/NDF : 1344270.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.364+/-0.008 χ^2/NDF : 866638.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

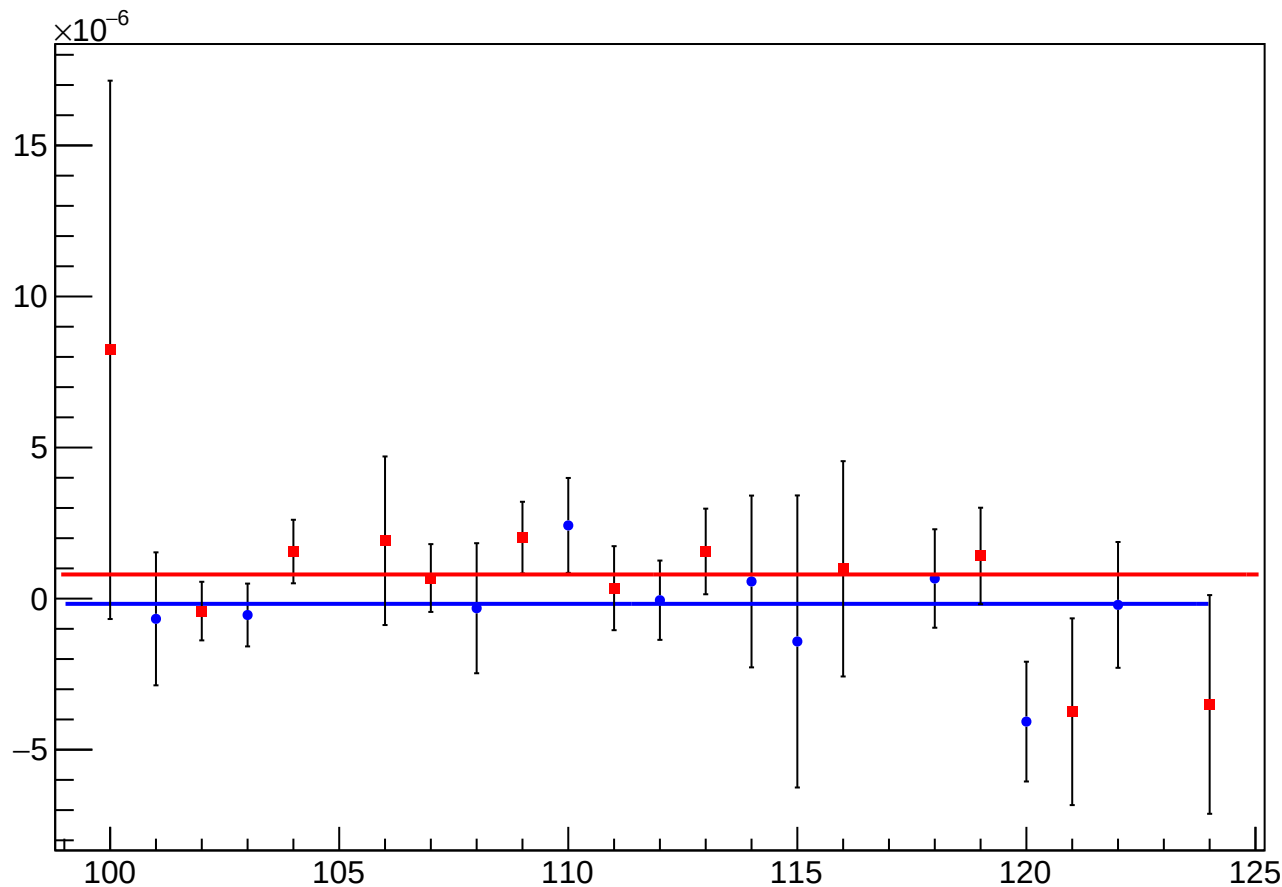
Right: 22.041+/-0.006 χ^2/NDF : 2214521.9/21

In: 21.661+/-0.009 χ^2/NDF : 1344270.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.041+/-0.006 χ^2/NDF : 2214521.9/21

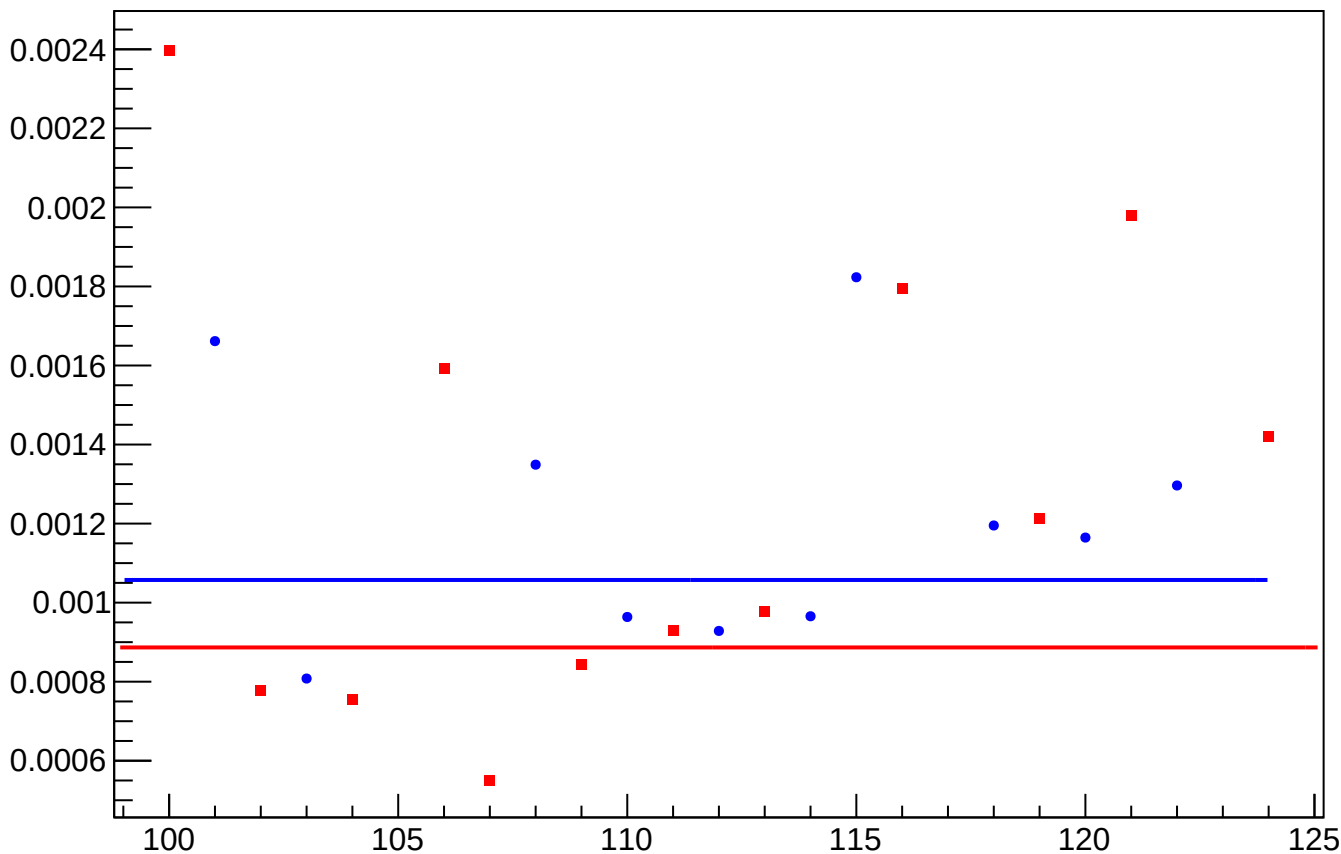
asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/11
 Left In: 0.000+/-0.000 χ^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 : 7.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 17.3/21

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 427881.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 940703.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

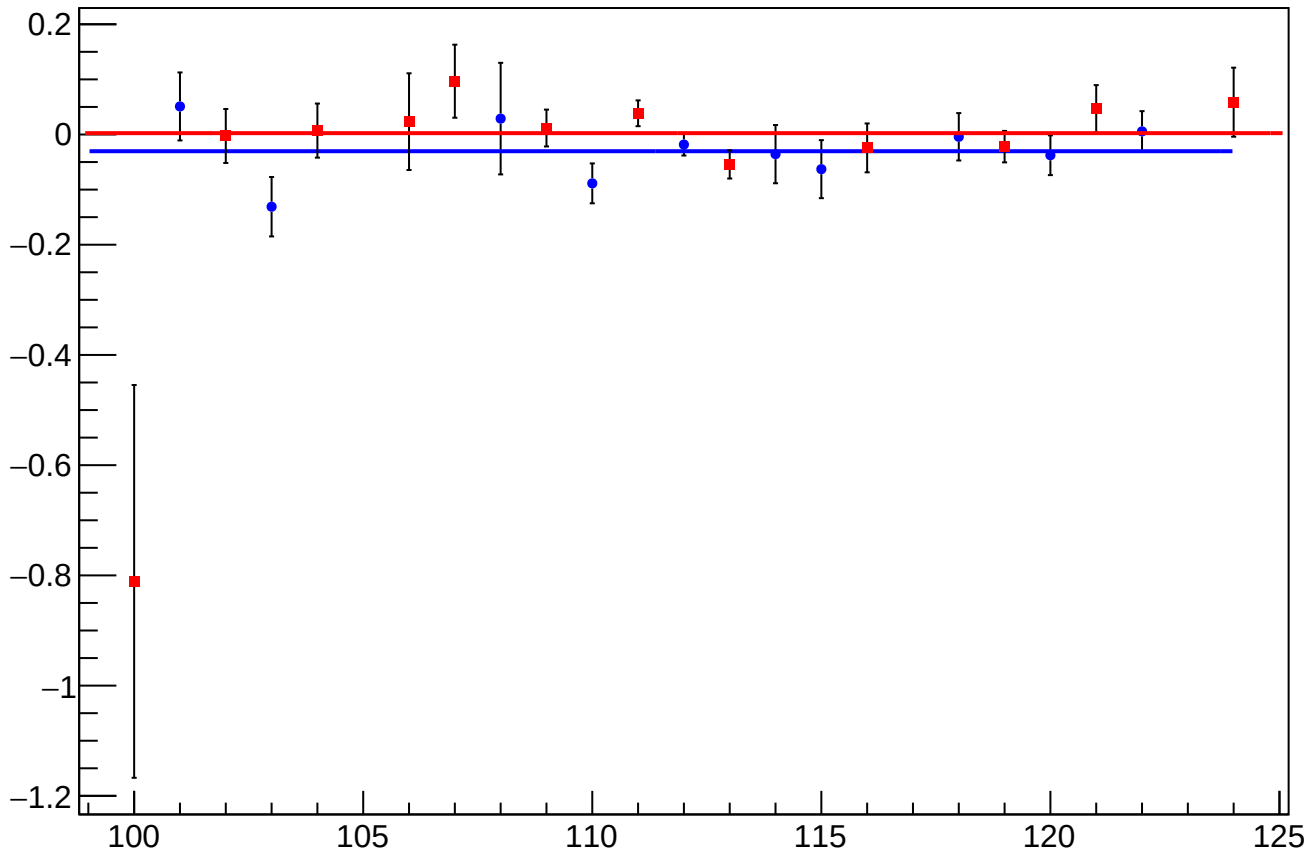
Right: 0.001+/-0.000 χ^2/NDF : 1488294.6/21

In: 0.001+/-0.000 χ^2/NDF :427881.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1488294.6/21

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.011 χ^2/NDF : 17.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

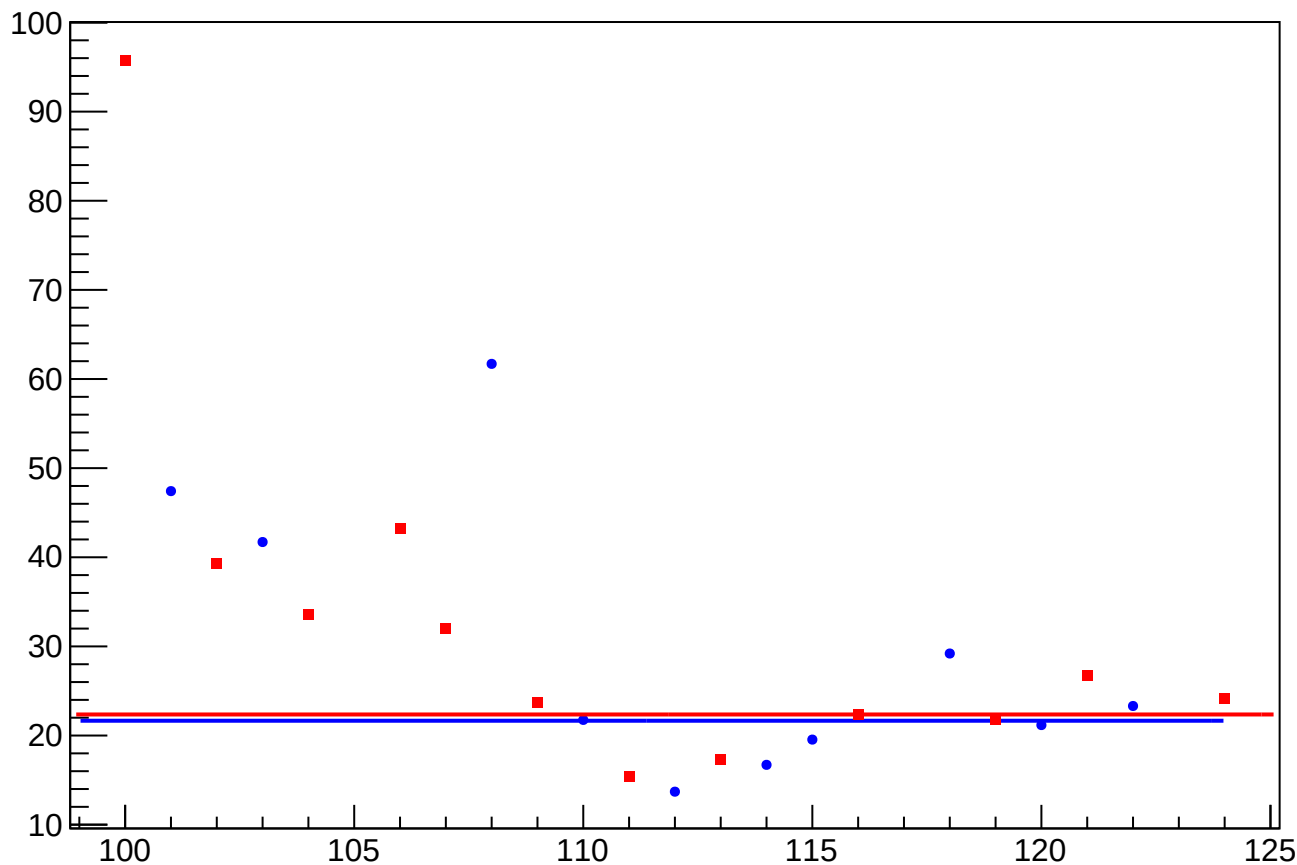
Right: -0.013+/-0.008 χ^2/NDF : 31.9/21

In: -0.030+/-0.012 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.013+/-0.008 χ^2/NDF : 31.9/21

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.661+/-0.009 χ^2/NDF : 1344307.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.363+/-0.008 χ^2/NDF : 866689.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

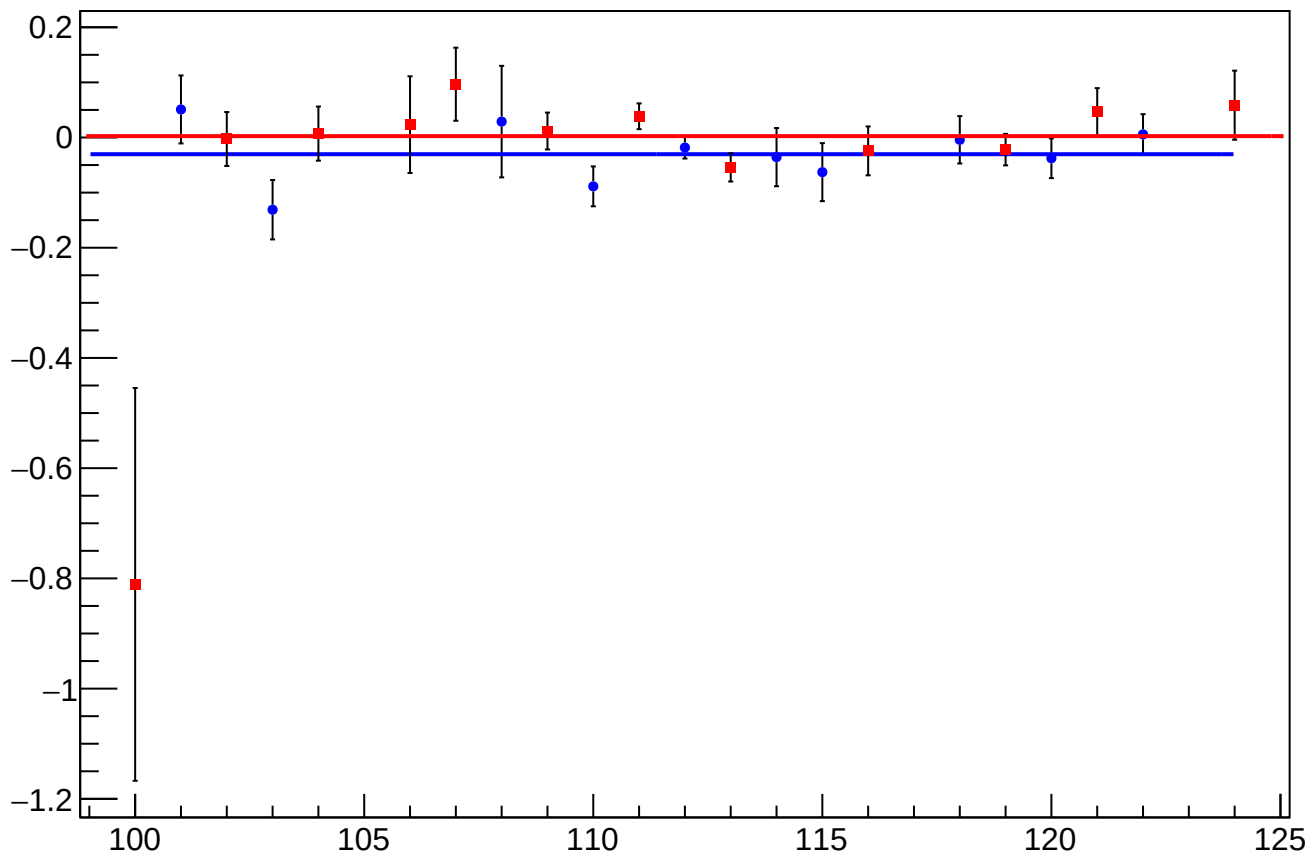
Right: 22.041+/-0.006 χ^2/NDF : 2214609.3/21

In: 21.661+/-0.009 χ^2/NDF : 1344307.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.041+/-0.006 χ^2/NDF : 2214609.3/21

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 $\pm$ 0.012 χ^2 /NDF: 10.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.011 χ^2 /NDF: 17.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

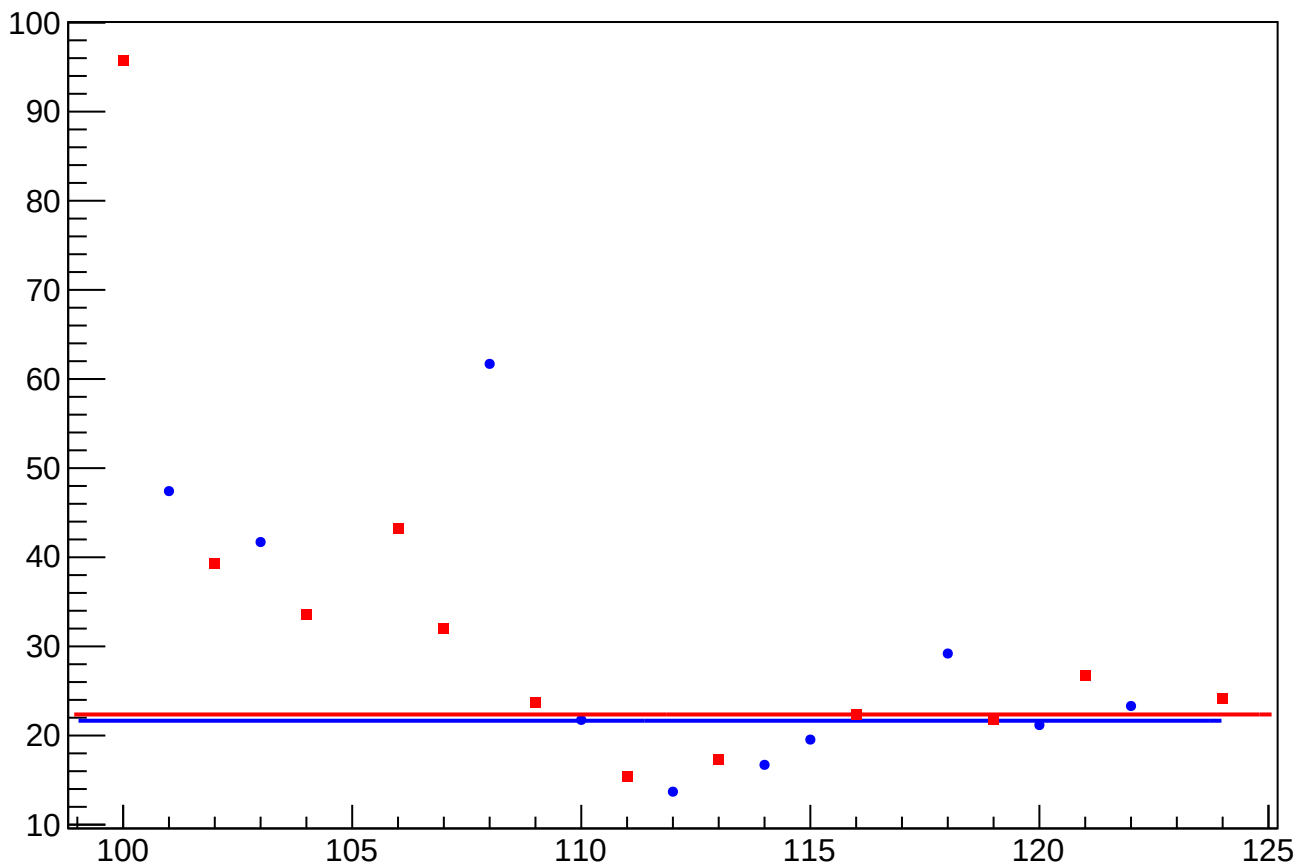
Right: -0.013 $\pm$ 0.008 χ^2 /NDF: 31.9/21

In: -0.030 $\pm$ 0.012 χ^2 /NDF:10.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.008 χ^2 /NDF: 31.9/21

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.661+/-0.009 χ^2/NDF : 1344307.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.363+/-0.008 χ^2/NDF : 866689.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

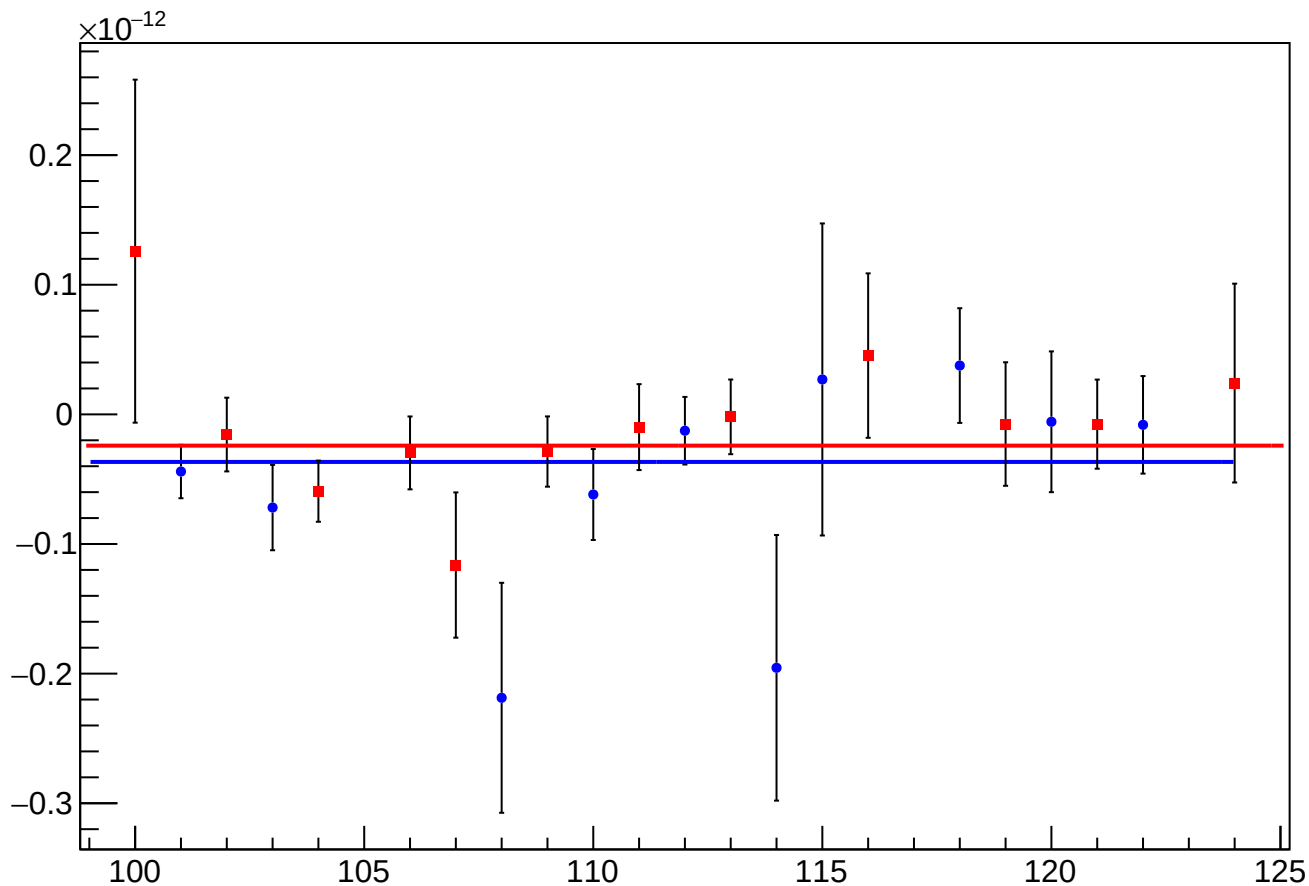
Right: 22.041+/-0.006 χ^2/NDF : 2214609.3/21

In: 21.661+/-0.009 χ^2/NDF : 1344307.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.041+/-0.006 χ^2/NDF : 2214609.3/21

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 13.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 9.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

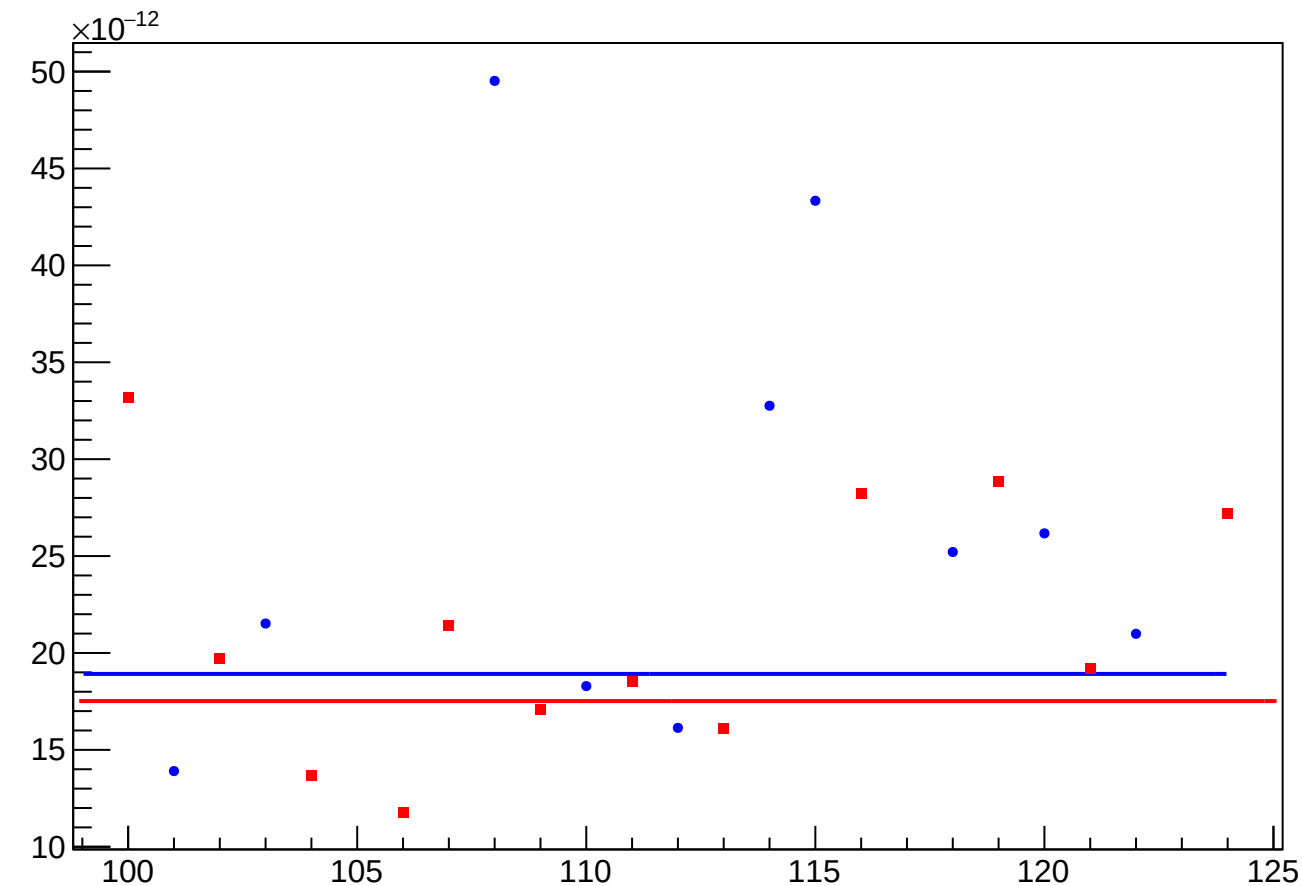
Right: -0.000 ± 0.000 χ^2/NDF : 23.0/21

In: -0.000 ± 0.000 χ^2/NDF : 13.3/9

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_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 593266.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 399527.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

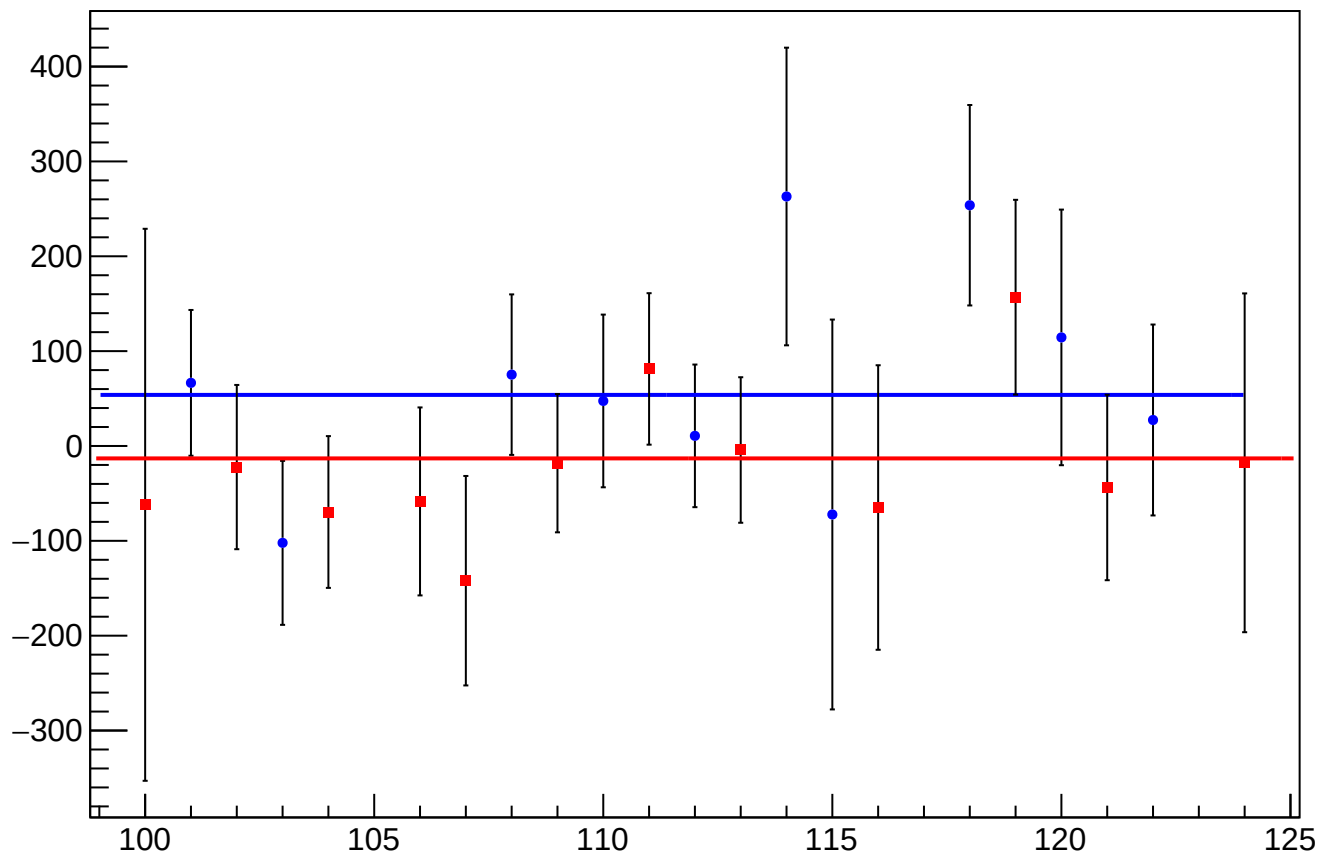
Right: 0.000+/-0.000 χ^2/NDF : 1009405.2/21

In: 0.000+/-0.000 χ^2/NDF : 593266.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1009405.2/21

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 53.848+/-30.889 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.102+/-28.002 χ^2/NDF : 6.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

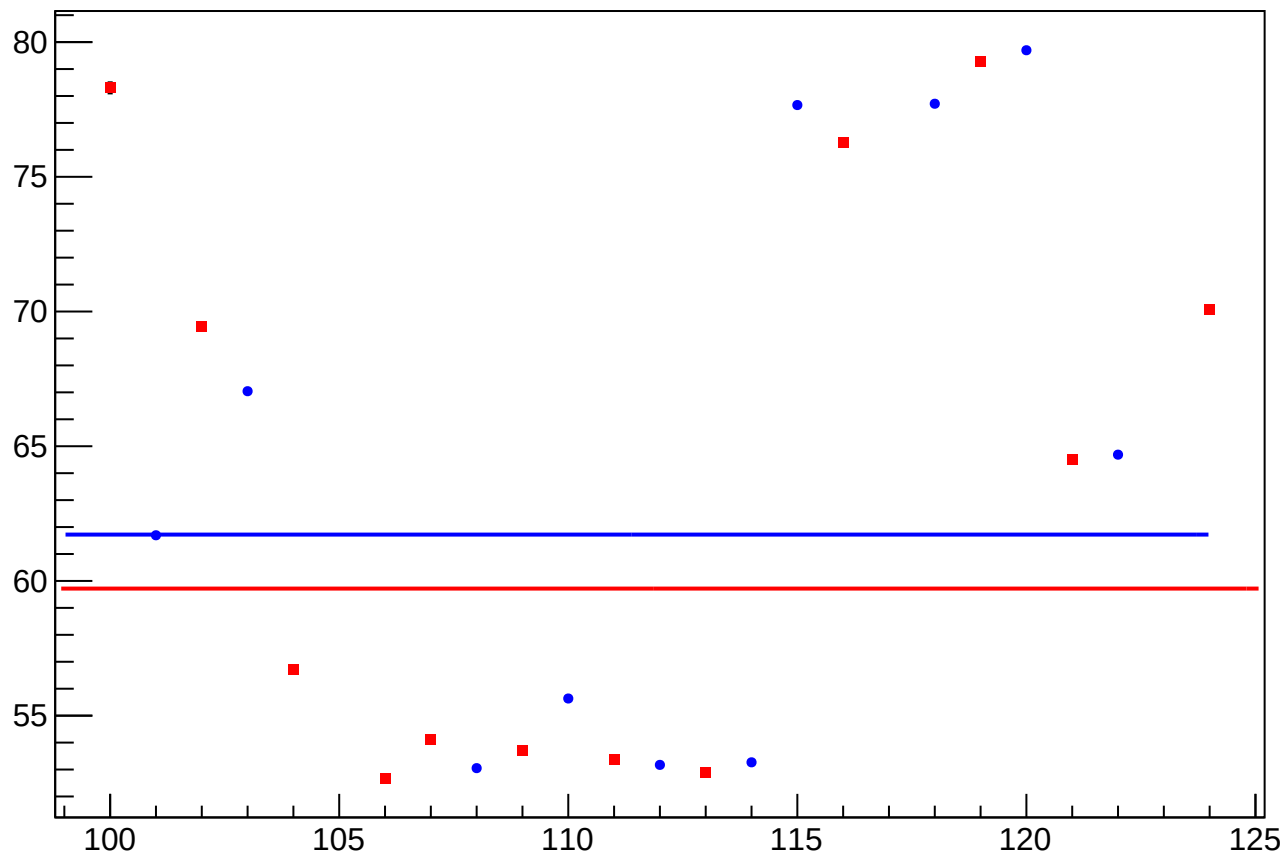
Right: 17.099+/-20.746 χ^2/NDF : 18.7/21

In: 53.848+/-30.889 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.099+/-20.746 χ^2/NDF : 18.7/21

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.721+/-0.022 χ^2/NDF : 164343.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.716+/-0.020 χ^2/NDF : 202096.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

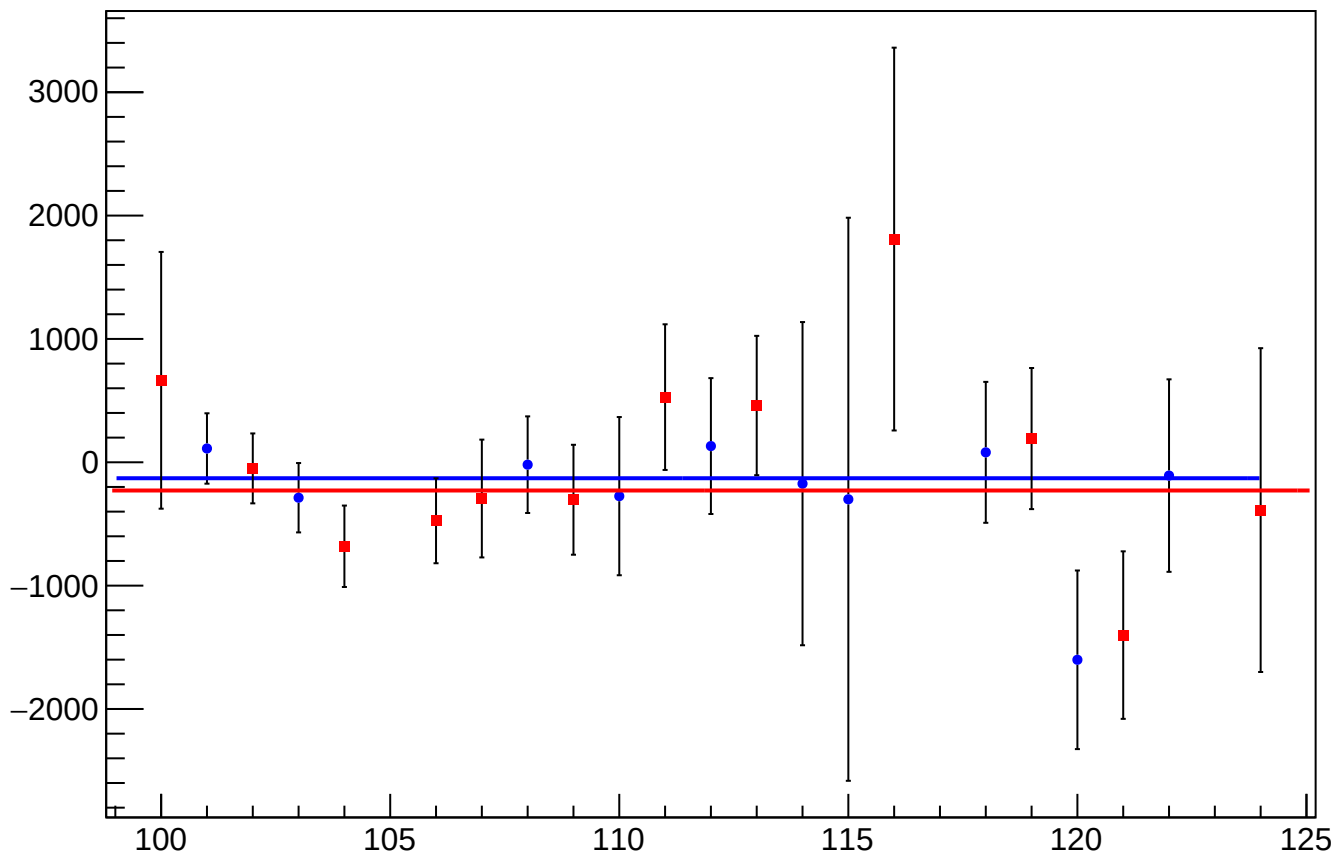
Right: 60.621+/-0.015 χ^2/NDF : 371061.3/21

In: 61.721+/-0.022 χ^2/NDF : 164343.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.621+/-0.015 χ^2/NDF : 371061.3/21

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -129.306 ± 149.788 χ^2/NDF : 5.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -228.709 ± 137.843 χ^2/NDF : 12.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

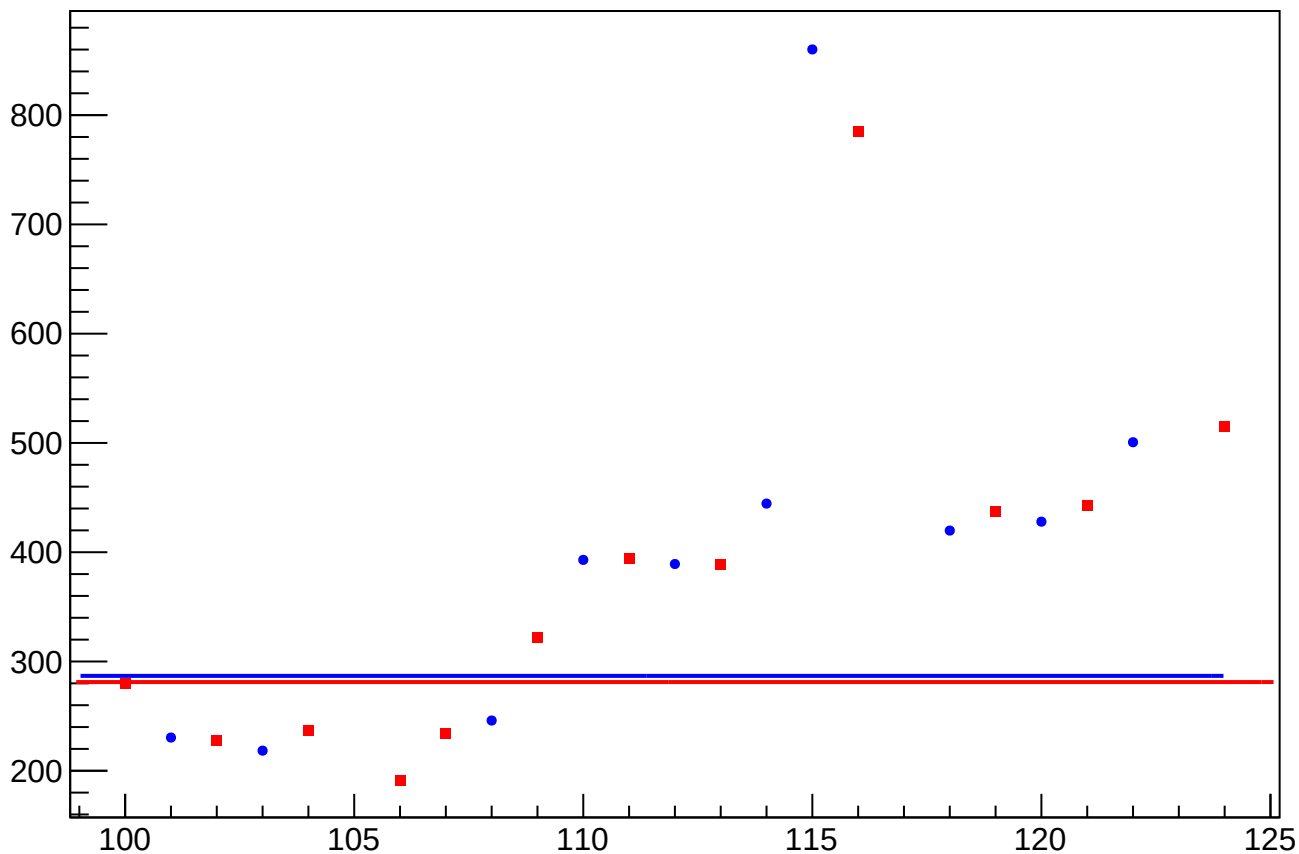
Right: -183.129 ± 101.430 χ^2/NDF : 17.9/21

In: -129.306 ± 149.788 χ^2/NDF : 5.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -183.129 ± 101.430 χ^2/NDF : 17.9/21

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 286.839+/-0.106 χ^2/NDF : 832056.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.170+/-0.097 χ^2/NDF : 963804.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

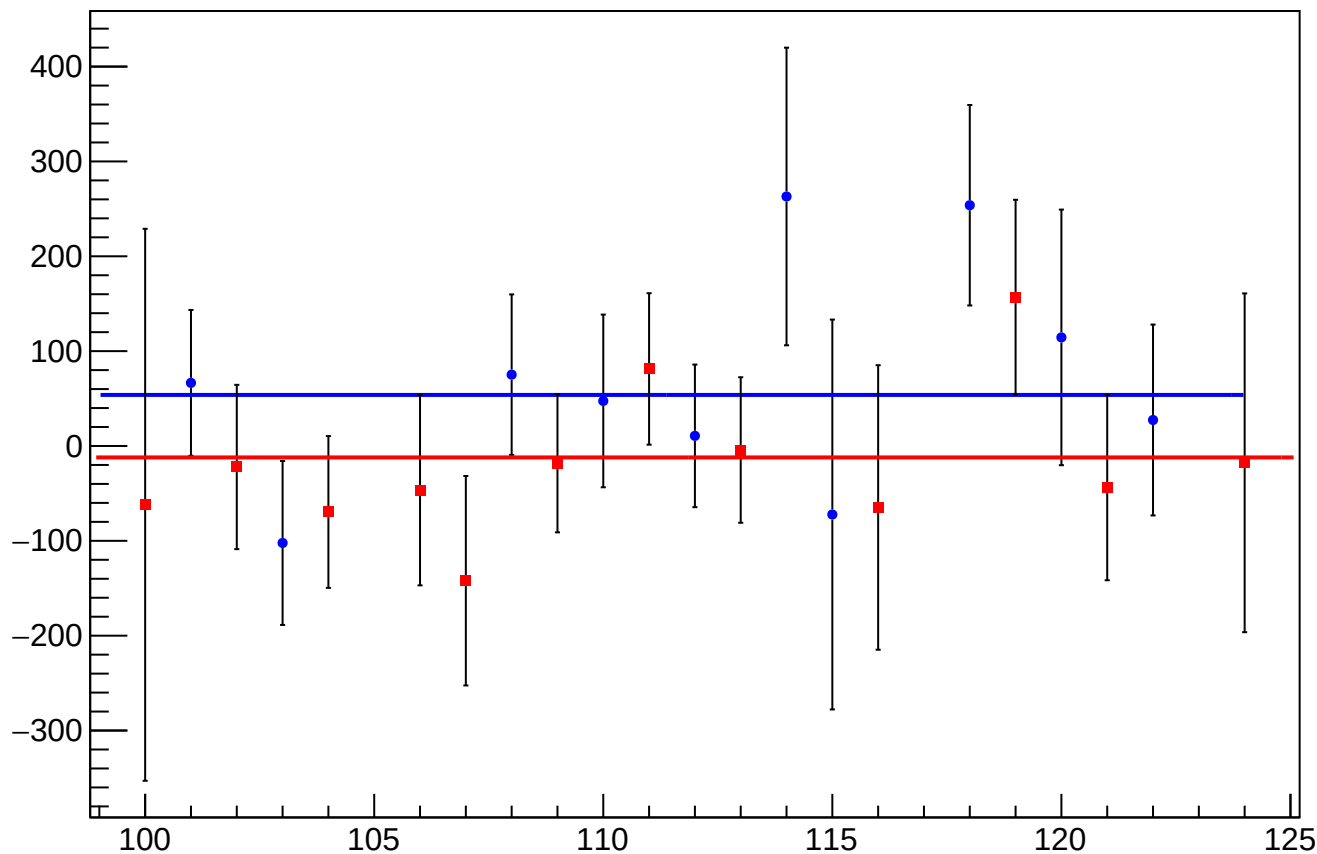
Right: 283.769+/-0.072 χ^2/NDF : 1797412.4/21

In: 286.839+/-0.106 χ^2/NDF : 832056.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.769+/-0.072 χ^2/NDF : 1797412.4/21

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 53.839+/-30.889 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.059+/-28.033 χ^2/NDF : 6.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

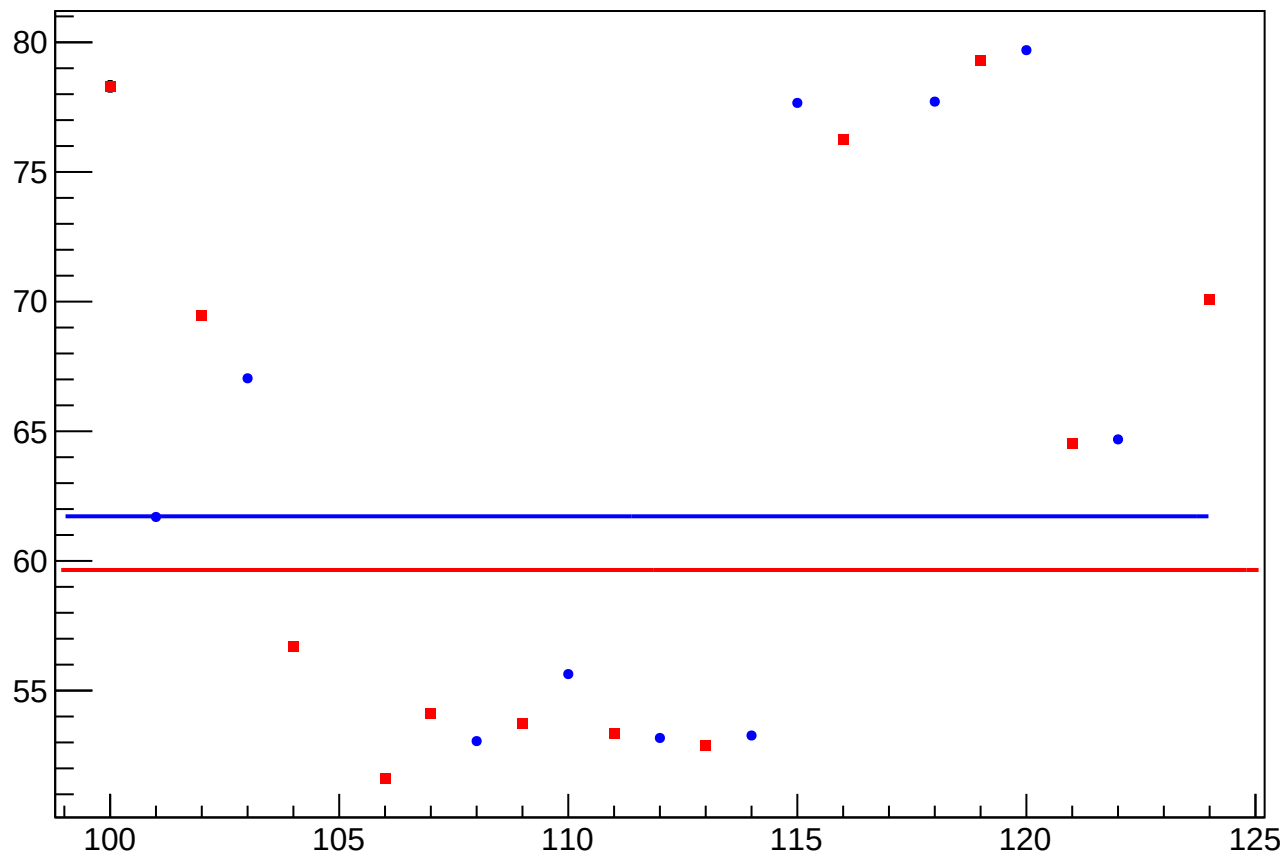
Right: 17.704+/-20.759 χ^2/NDF : 18.6/21

In: 53.839+/-30.889 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.704+/-20.759 χ^2/NDF : 18.6/21

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.721+/-0.022 χ^2/NDF : 164344.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.651+/-0.020 χ^2/NDF : 205079.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

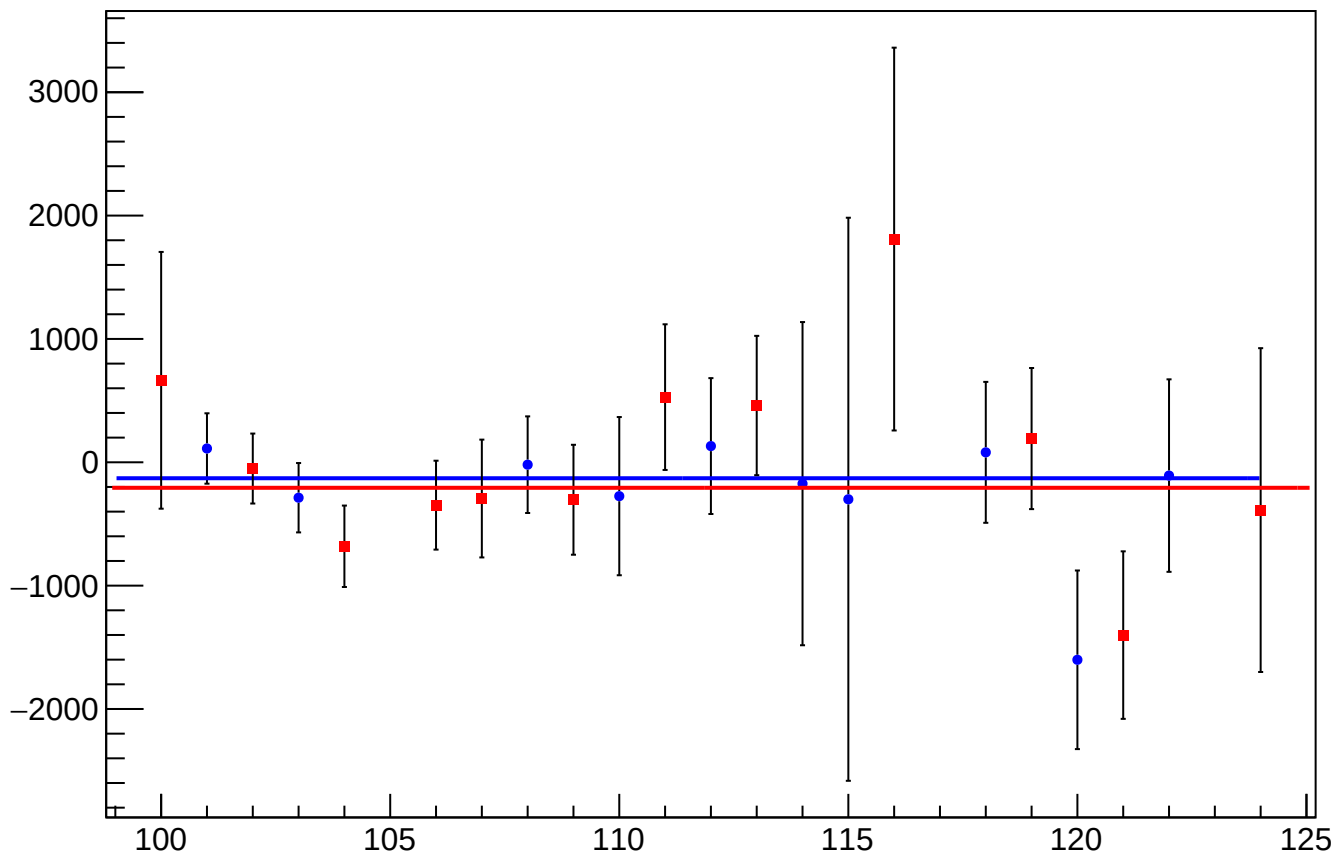
Right: 60.586+/-0.015 χ^2/NDF : 374347.3/21

In: 61.721+/-0.022 χ^2/NDF : 164344.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.586+/-0.015 χ^2/NDF : 374347.3/21

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -129.285 ± 149.790 χ^2/NDF : 5.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -206.785 ± 138.835 χ^2/NDF : 11.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

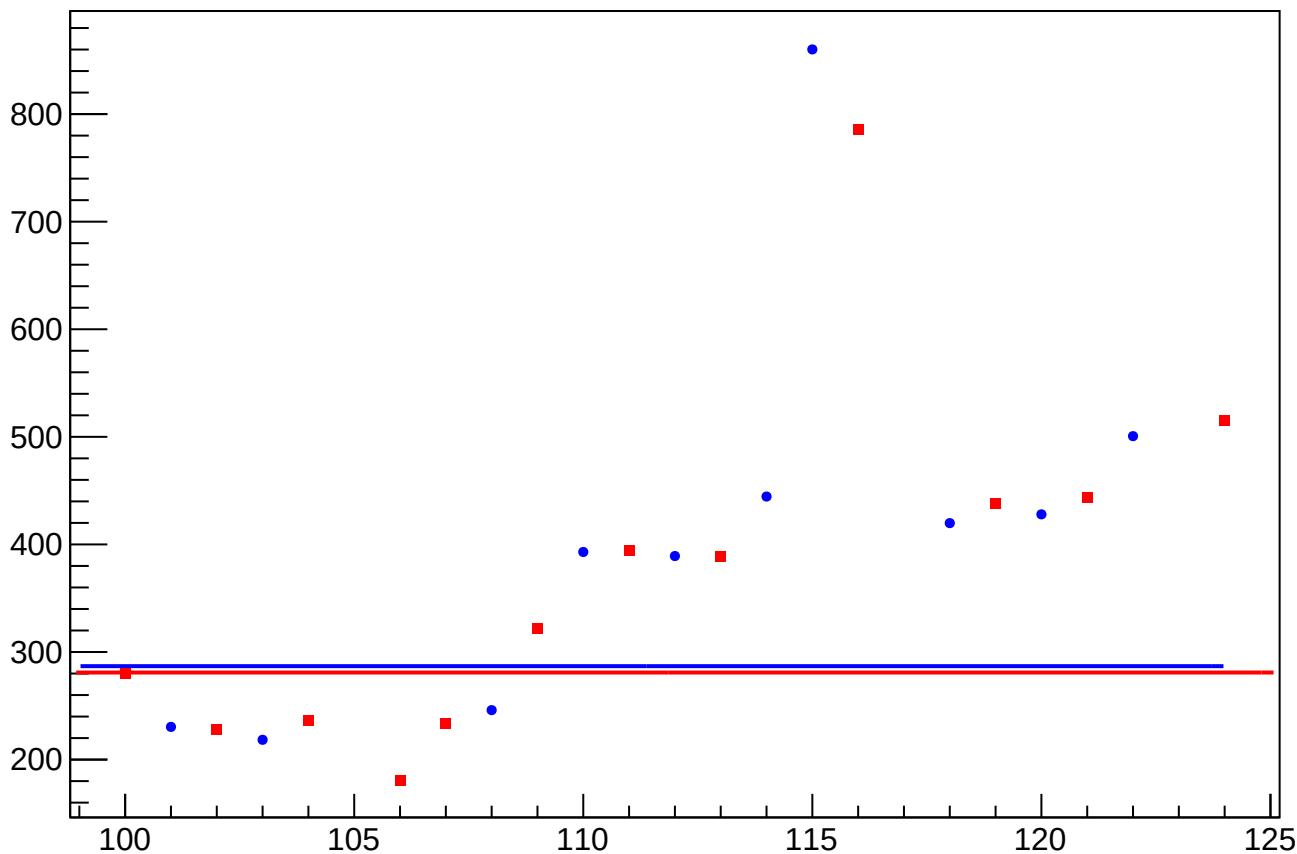
Right: -170.972 ± 101.824 χ^2/NDF : 17.3/21

In: -129.285 ± 149.790 χ^2/NDF : 5.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -170.972 ± 101.824 χ^2/NDF : 17.3/21

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 286.843+/-0.106 χ^2/NDF : 832021.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.938+/-0.098 χ^2/NDF : 982257.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

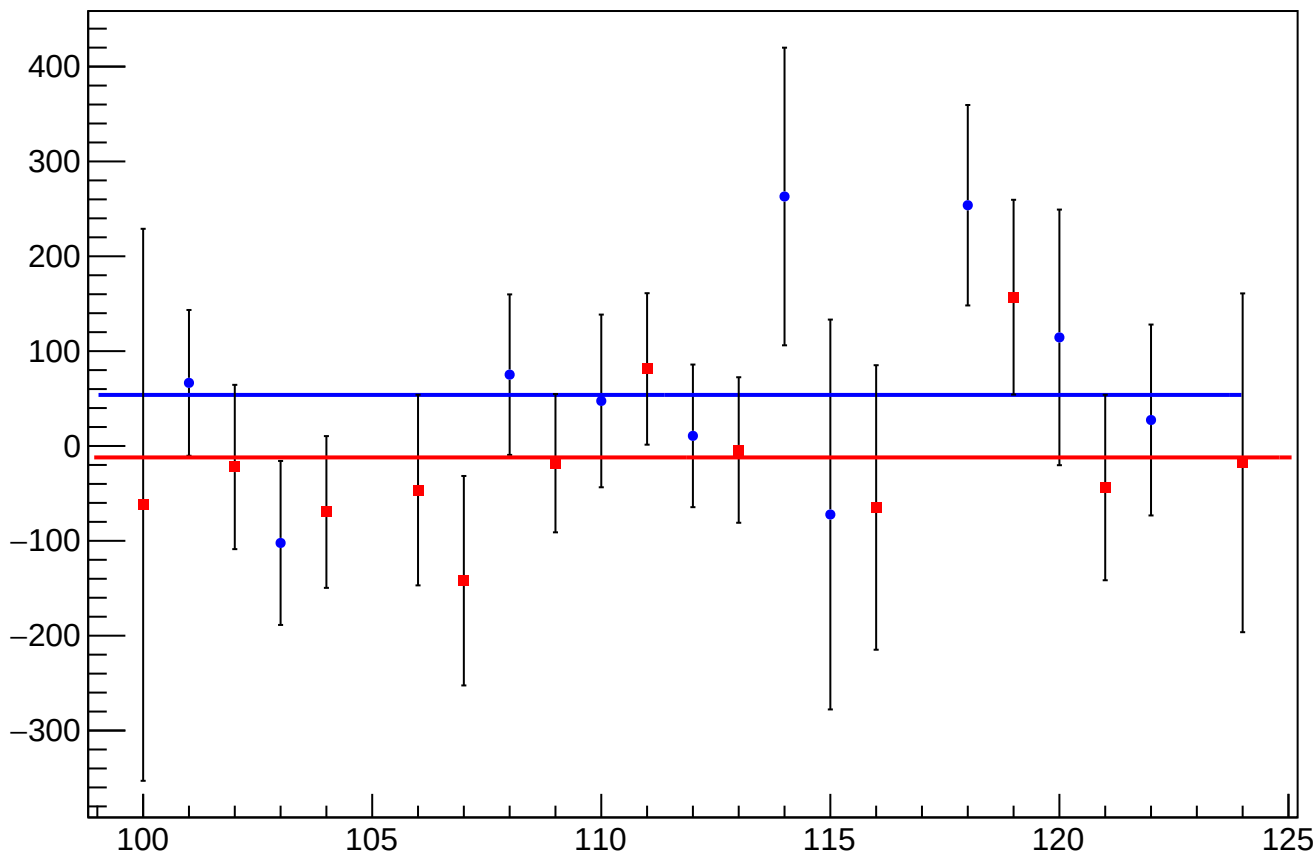
Right: 283.667+/-0.072 χ^2/NDF : 1815950.0/21

In: 286.843+/-0.106 χ^2/NDF : 832021.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.667+/-0.072 χ^2/NDF : 1815950.0/21

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 53.839+/-30.889 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.059+/-28.033 χ^2/NDF : 6.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

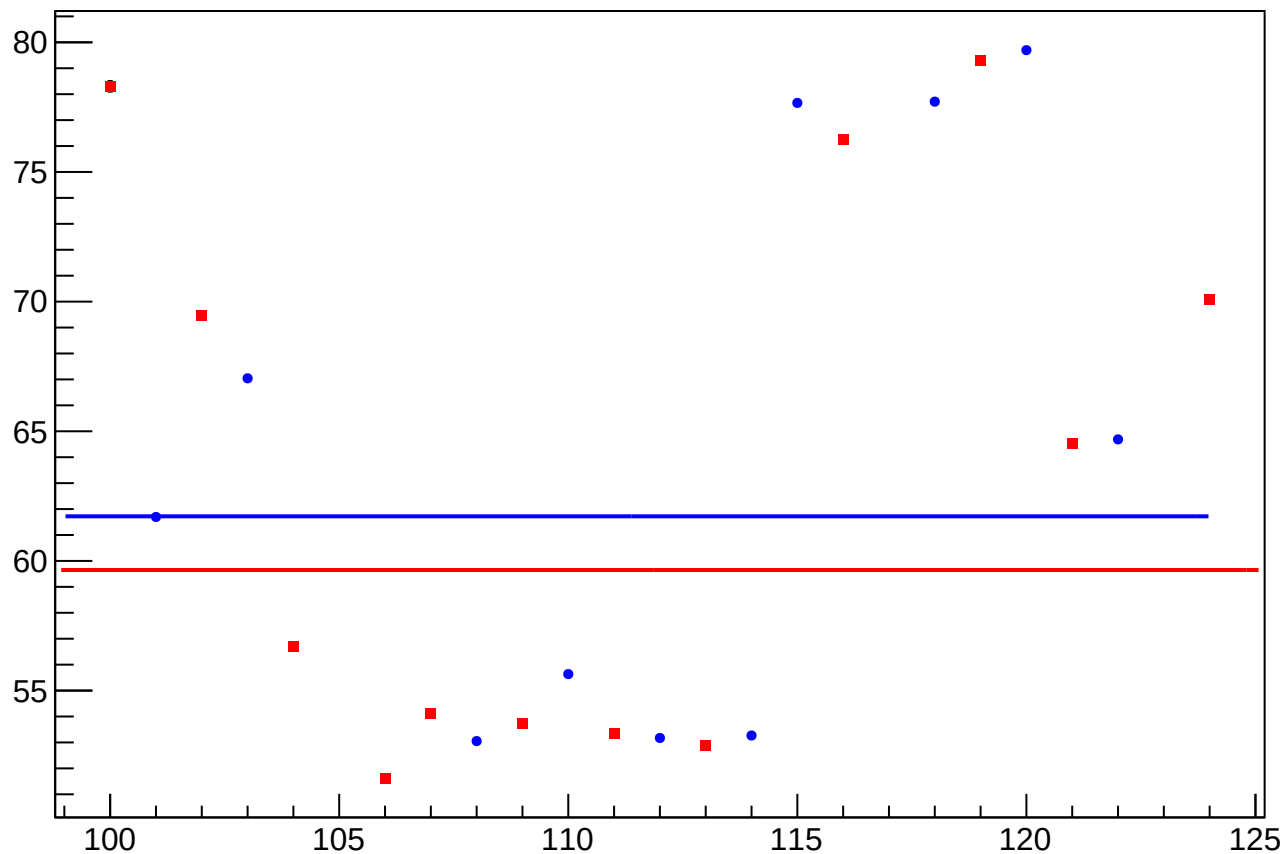
Right: 17.704+/-20.759 χ^2/NDF : 18.6/21

In: 53.839+/-30.889 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.704+/-20.759 χ^2/NDF : 18.6/21

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.721+/-0.022 χ^2/NDF : 164344.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.651+/-0.020 χ^2/NDF : 205079.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

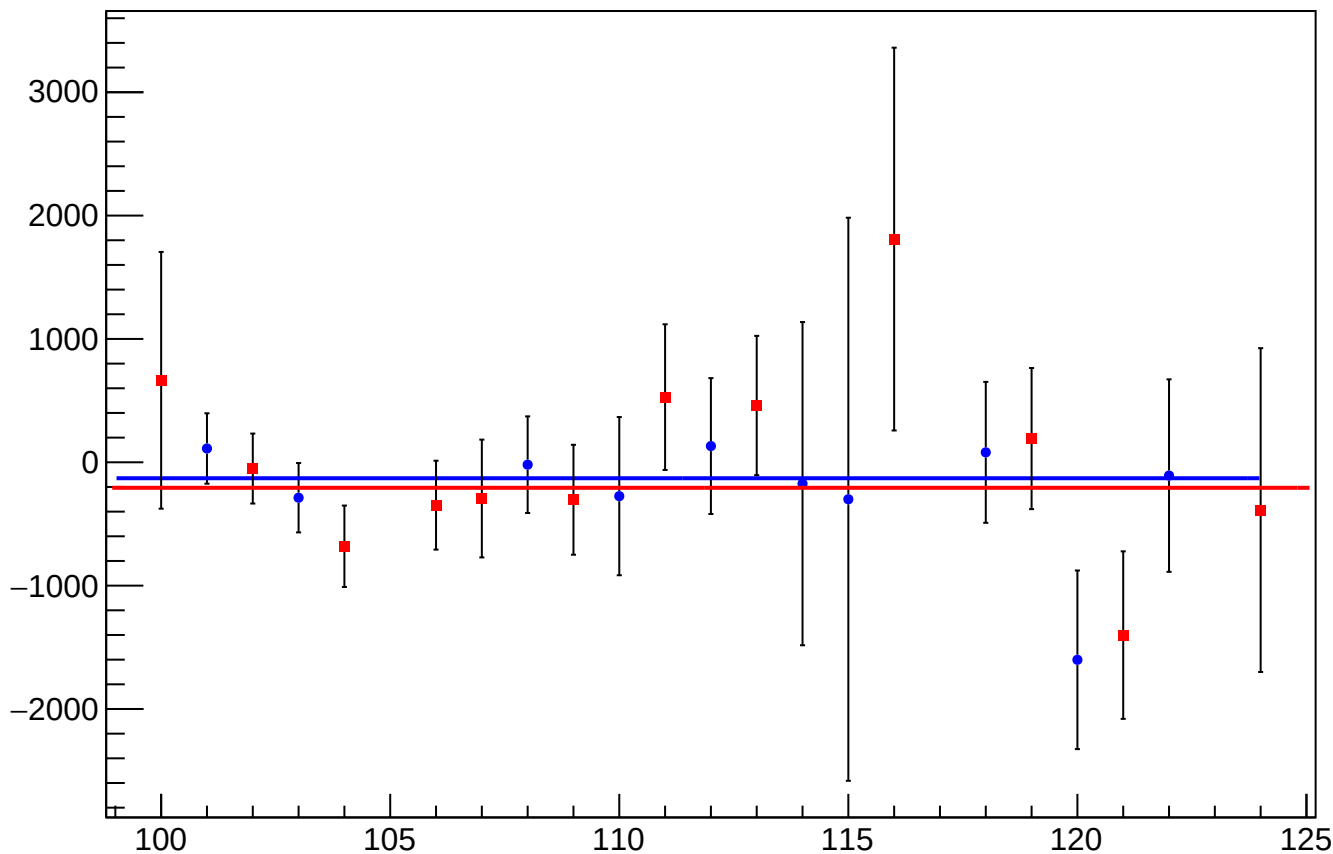
Right: 60.586+/-0.015 χ^2/NDF : 374347.3/21

In: 61.721+/-0.022 χ^2/NDF : 164344.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.586+/-0.015 χ^2/NDF : 374347.3/21

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -129.285 ± 149.790 χ^2/NDF : 5.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -206.785 ± 138.835 χ^2/NDF : 11.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

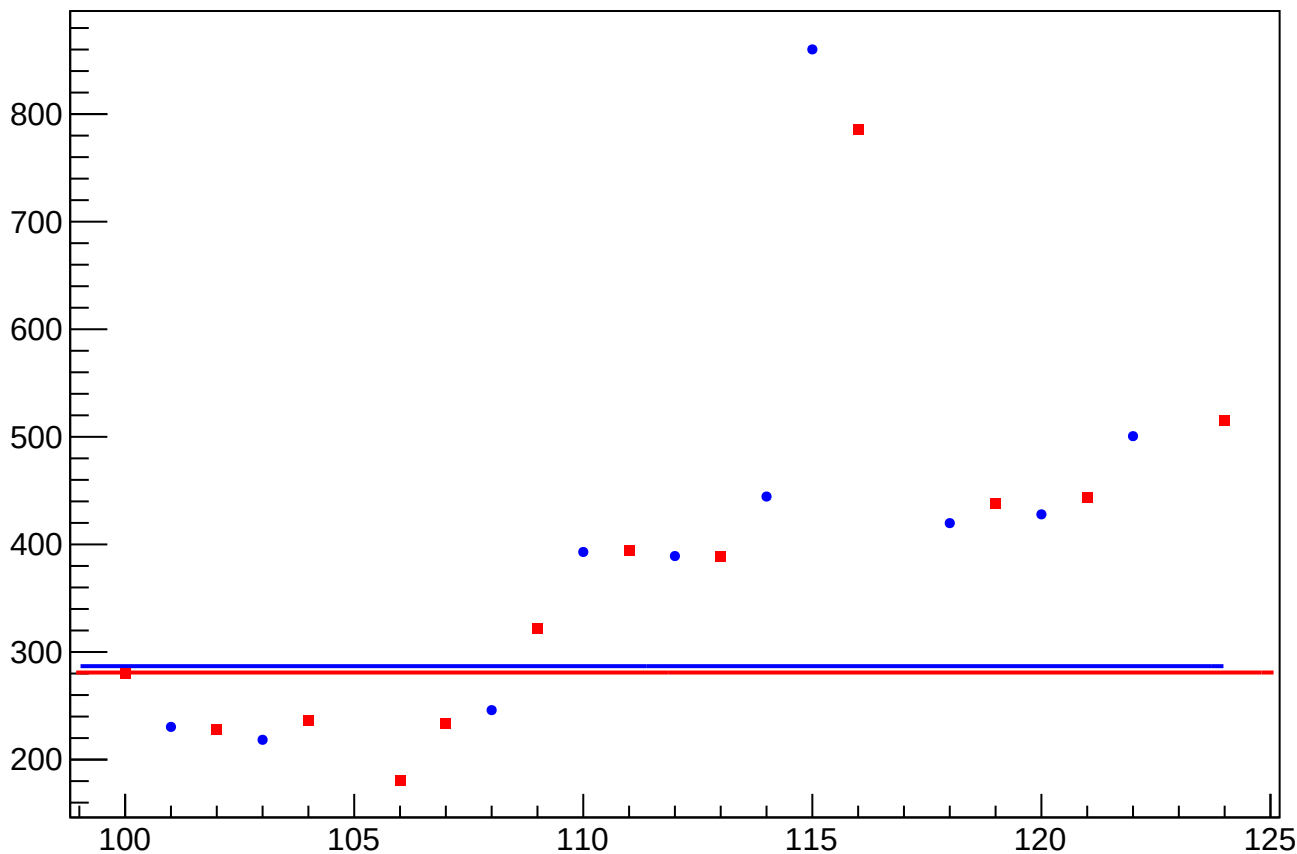
Right: -170.972 ± 101.824 χ^2/NDF : 17.3/21

In: -129.285 ± 149.790 χ^2/NDF : 5.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -170.972 ± 101.824 χ^2/NDF : 17.3/21

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 286.843+/-0.106 χ^2/NDF : 832021.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.938+/-0.098 χ^2/NDF : 982257.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

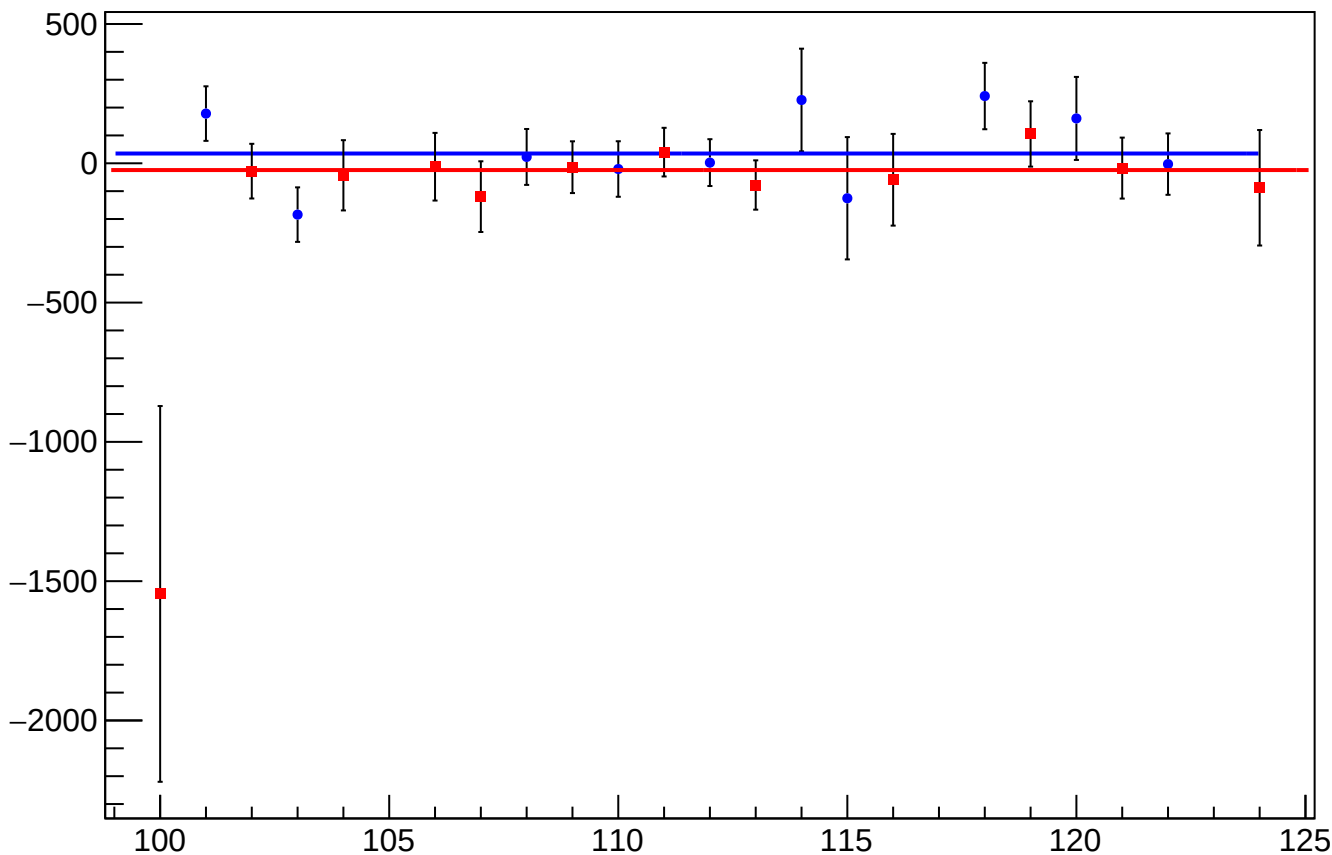
Right: 283.667+/-0.072 χ^2/NDF : 1815950.0/21

In: 286.843+/-0.106 χ^2/NDF : 832021.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.667+/-0.072 χ^2/NDF : 1815950.0/21

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 35.104+/-35.393 χ^2/NDF : 13.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.296+/-33.523 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

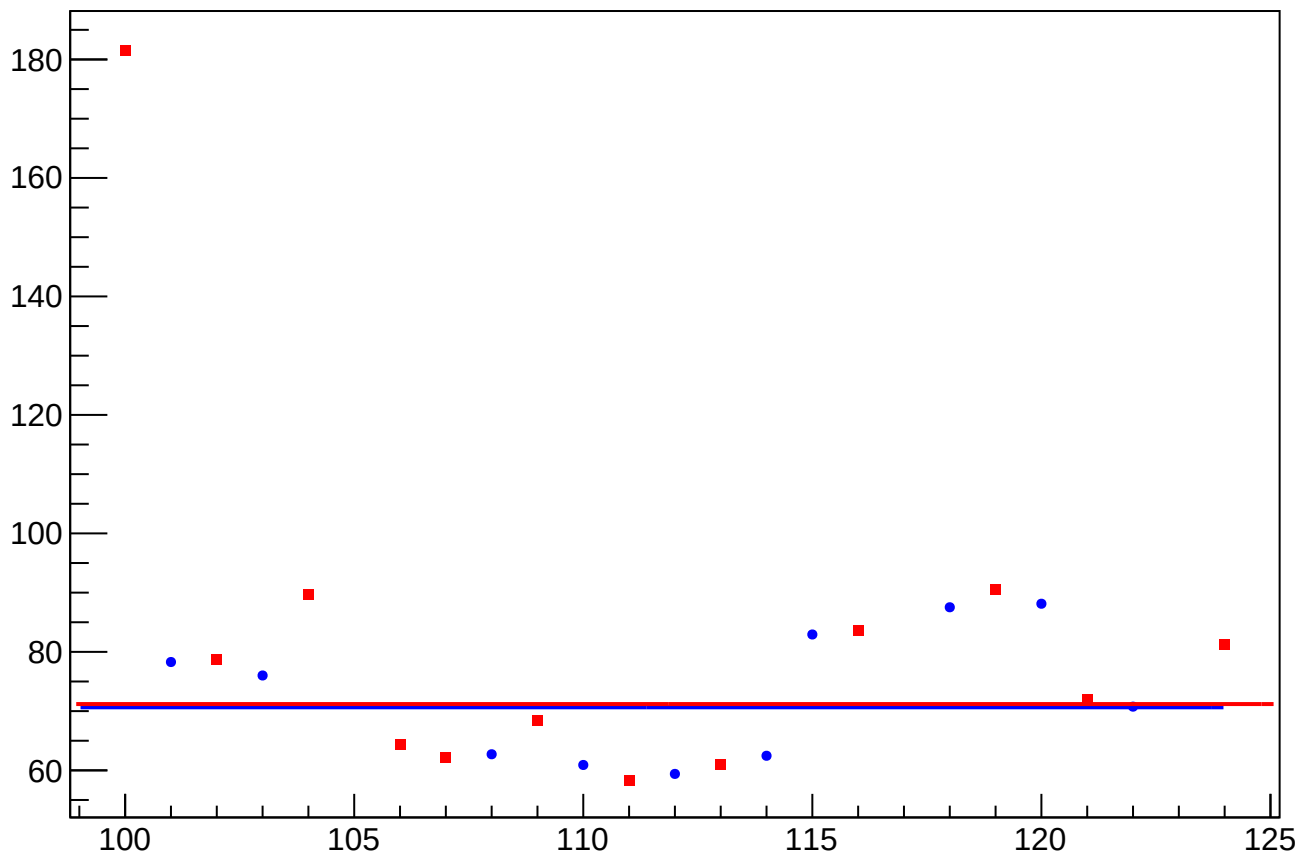
Right: 3.793+/-24.338 χ^2/NDF : 22.6/21

In: 35.104+/-35.393 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.793+/-24.338 χ^2/NDF : 22.6/21

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.645 $\pm$ 0.025 χ^2 /NDF: 163462.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.192 $\pm$ 0.024 χ^2 /NDF: 267456.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

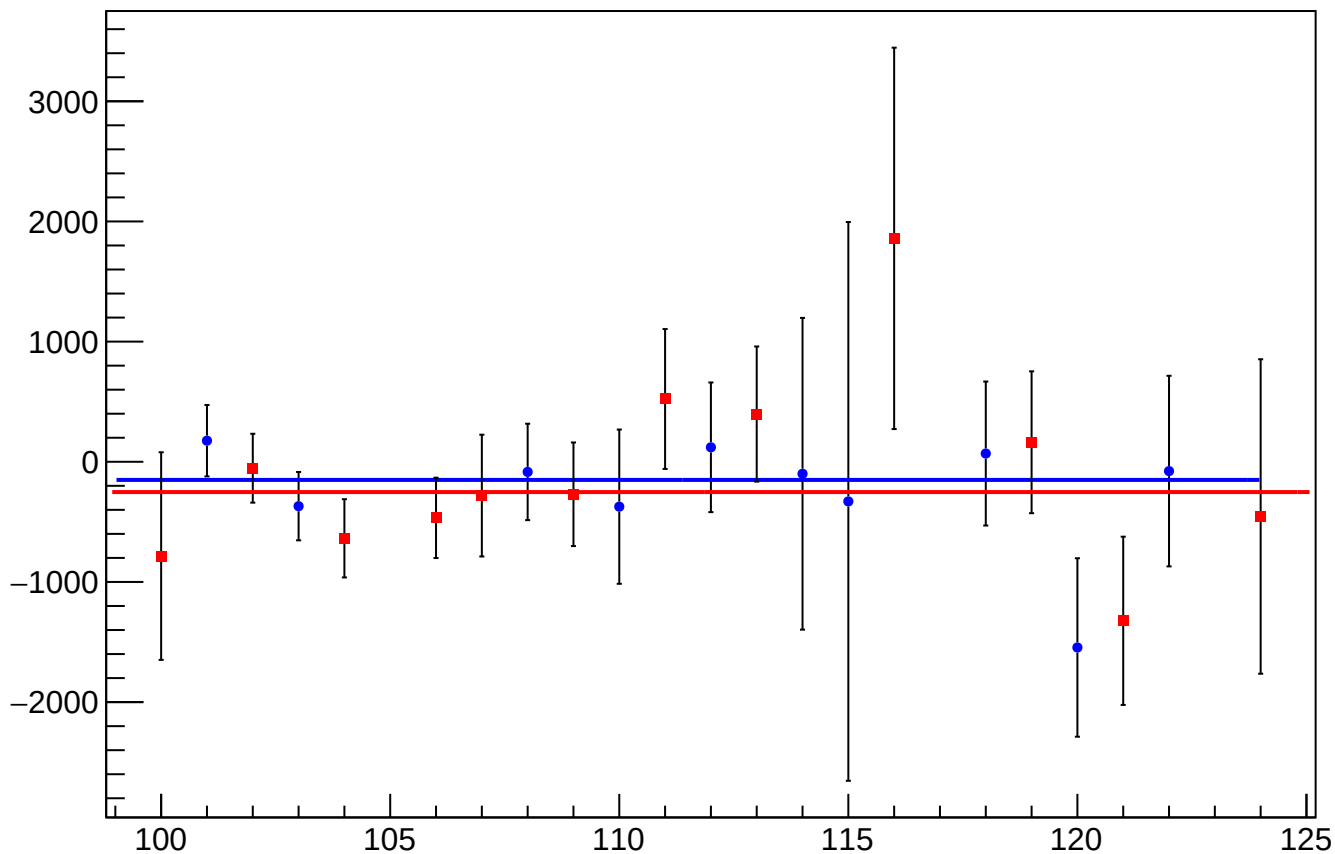
Right: 70.933 $\pm$ 0.017 χ^2 /NDF: 431171.1/21

In: 70.645 $\pm$ 0.025 χ^2 /NDF:163462.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.933 $\pm$ 0.017 χ^2 /NDF: 431171.1/21

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -150.888+/-152.955 χ^2/NDF : 5.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.987+/-137.126 χ^2/NDF : 10.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

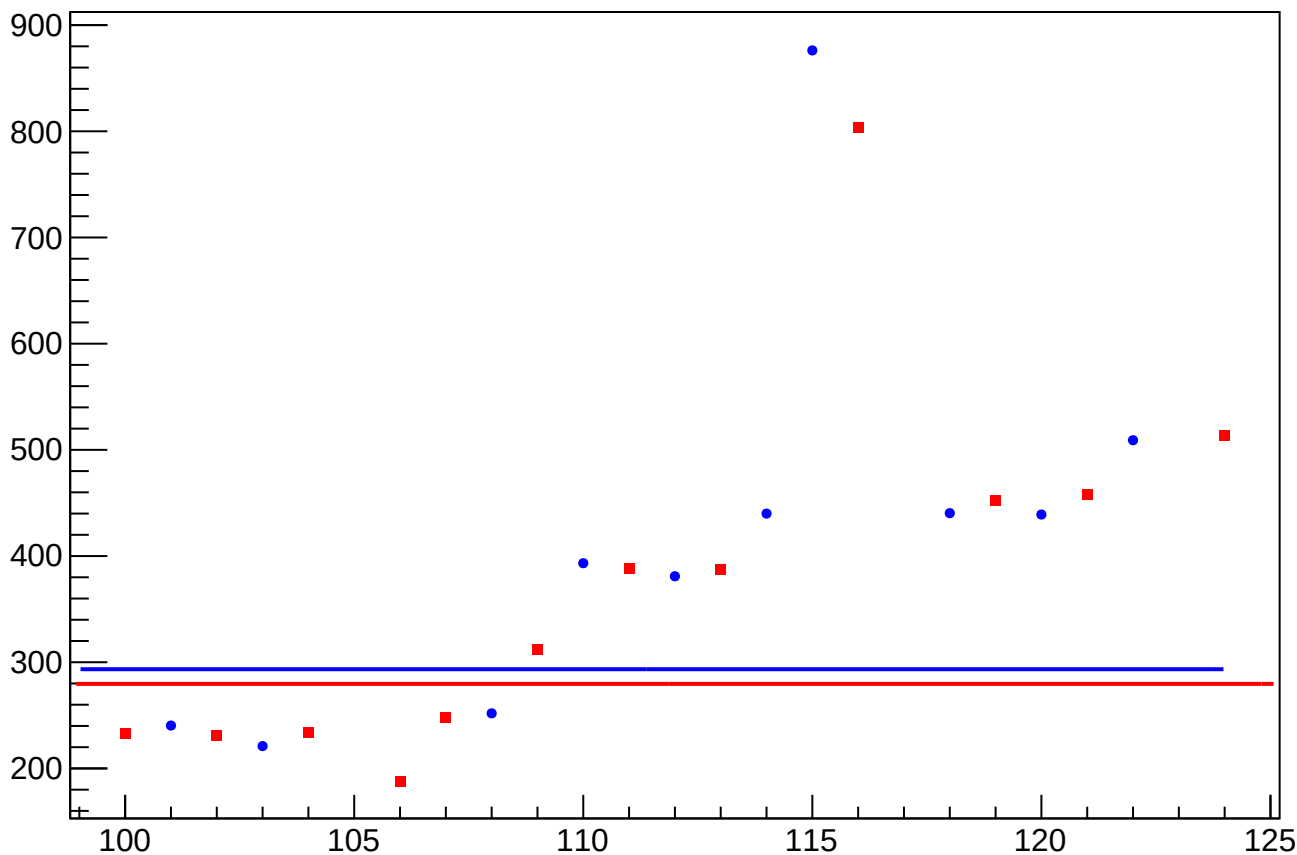
Right: -206.938+/-102.102 χ^2/NDF : 16.5/21

In: -150.888+/-152.955 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.938+/-102.102 χ^2/NDF : 16.5/21

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 293.433+/-0.108 χ^2/NDF : 812231.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 279.625+/-0.097 χ^2/NDF : 1000679.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

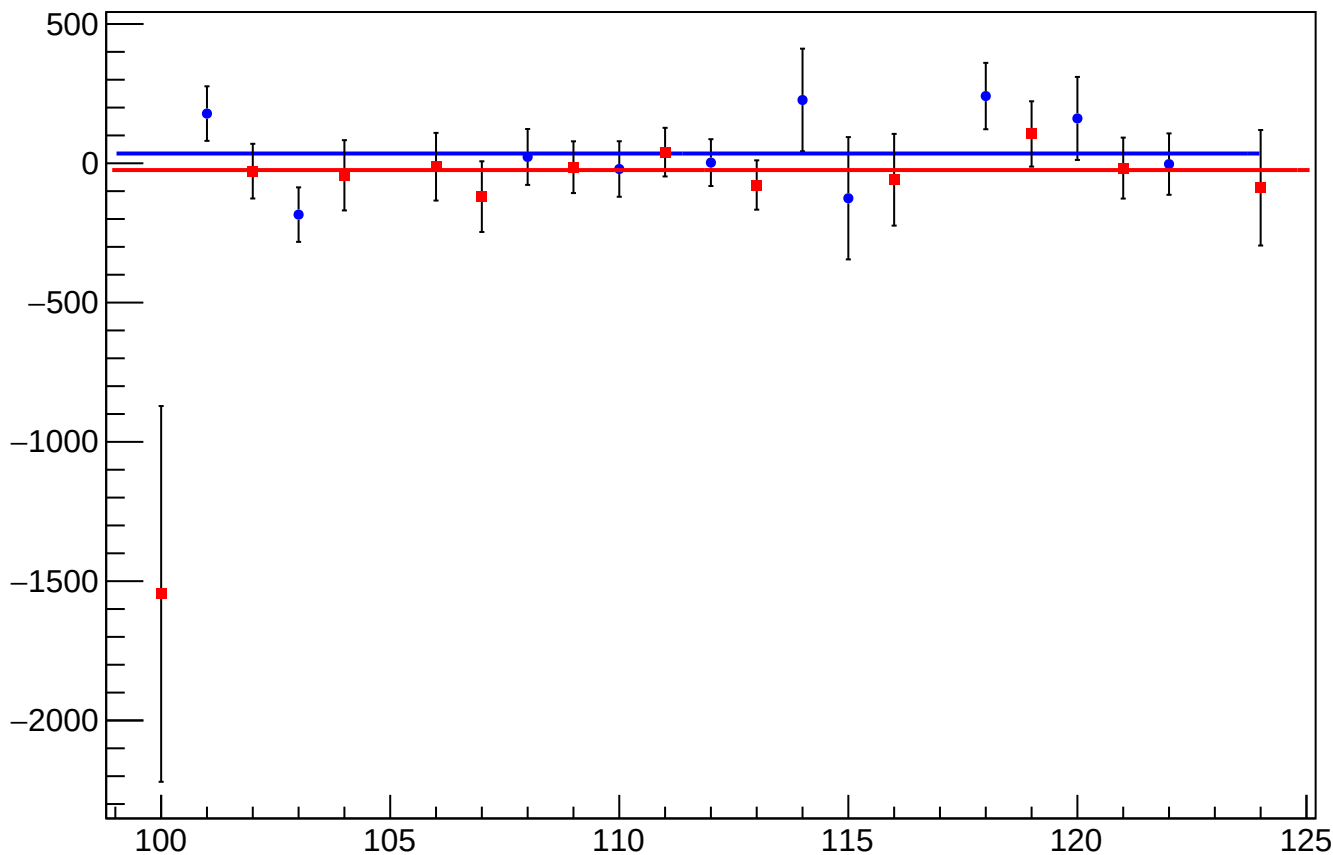
Right: 285.778+/-0.072 χ^2/NDF : 1821946.8/21

In: 293.433+/-0.108 χ^2/NDF : 812231.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.778+/-0.072 χ^2/NDF : 1821946.8/21

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 35.104+/-35.393 χ^2/NDF : 13.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.297+/-33.523 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

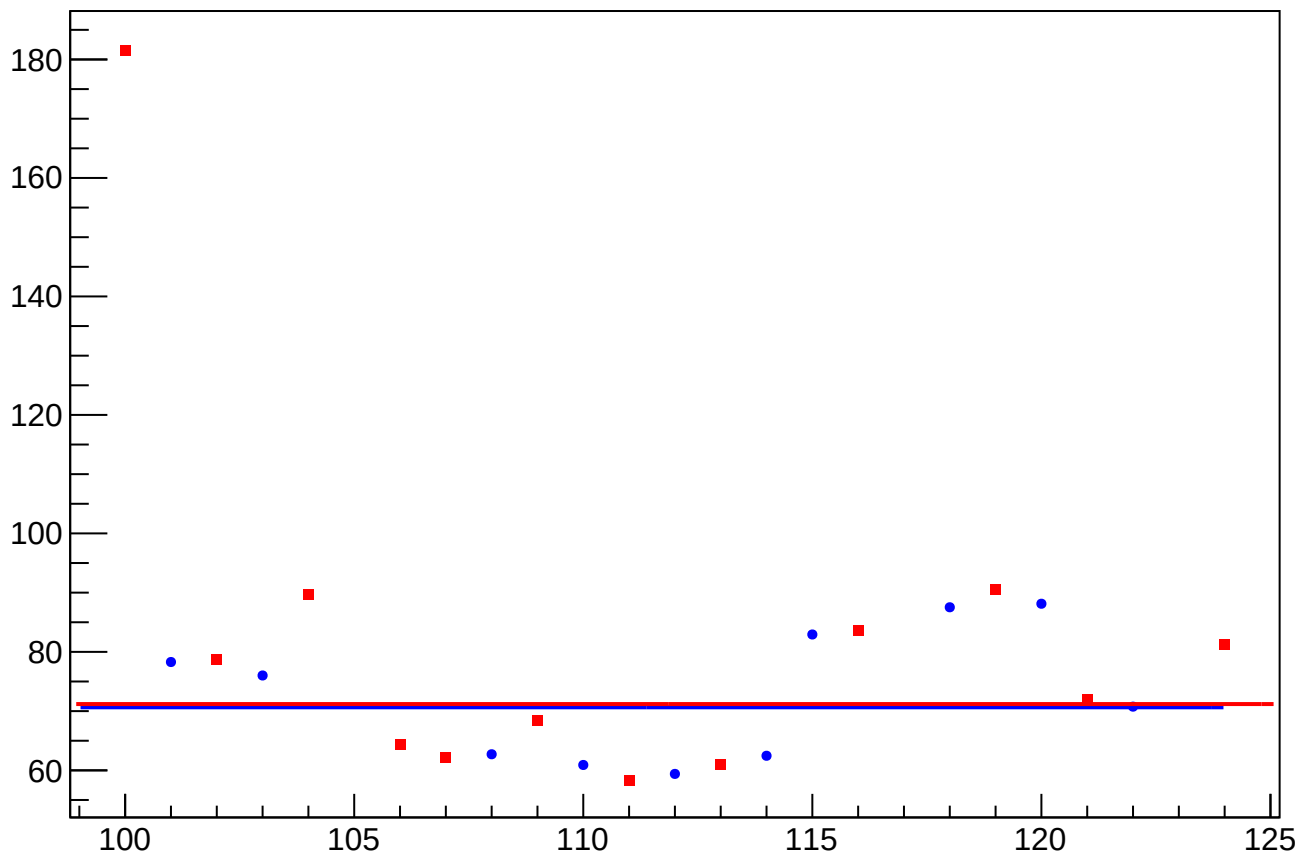
Right: 3.793+/-24.338 χ^2/NDF : 22.6/21

In: 35.104+/-35.393 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.793+/-24.338 χ^2/NDF : 22.6/21

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.645 $\pm$ 0.025 χ^2 /NDF: 163462.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.192 $\pm$ 0.024 χ^2 /NDF: 267460.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

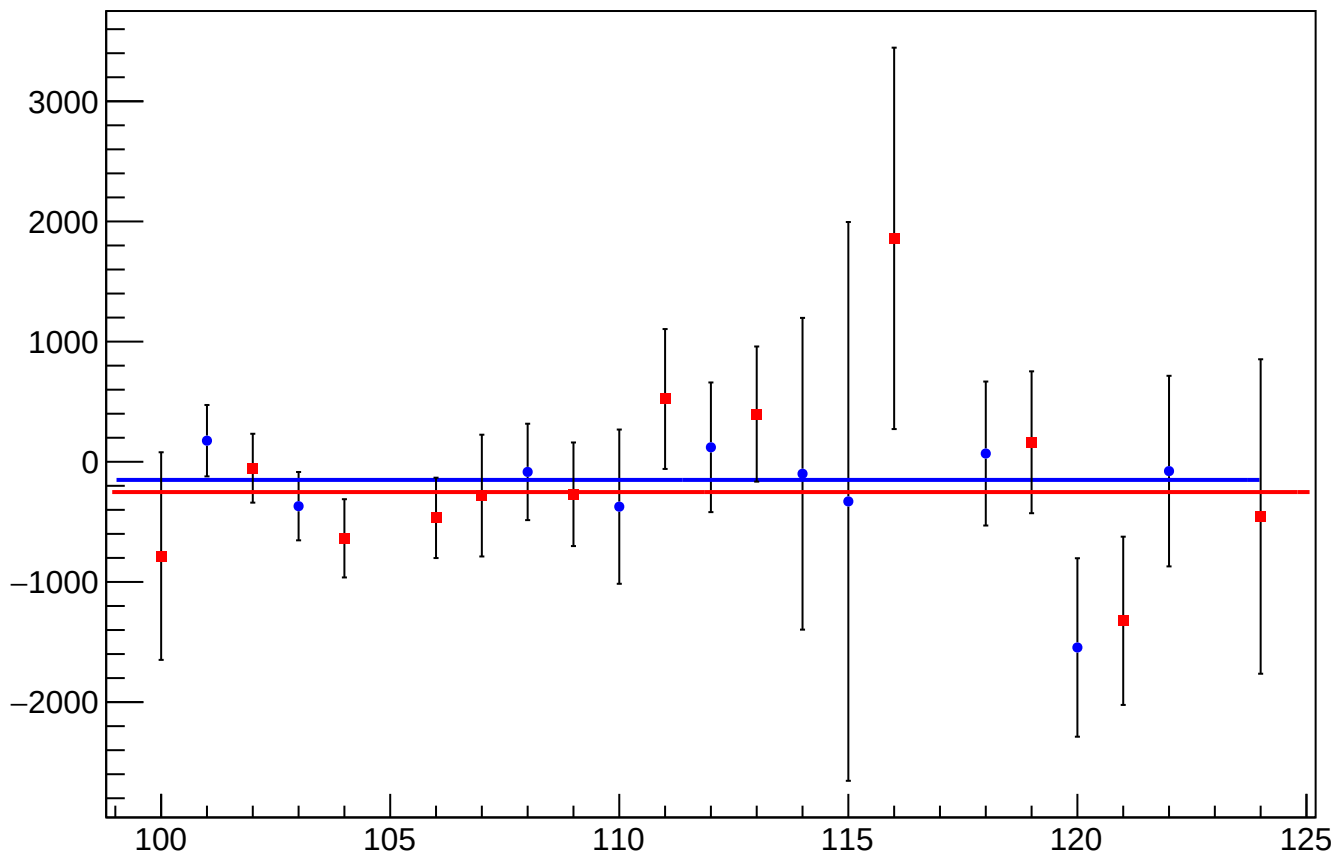
Right: 70.933 $\pm$ 0.017 χ^2 /NDF: 431175.3/21

In: 70.645 $\pm$ 0.025 χ^2 /NDF:163462.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.933 $\pm$ 0.017 χ^2 /NDF: 431175.3/21

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -150.888 ± 152.955 χ^2/NDF : 5.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -251.988 ± 137.126 χ^2/NDF : 10.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

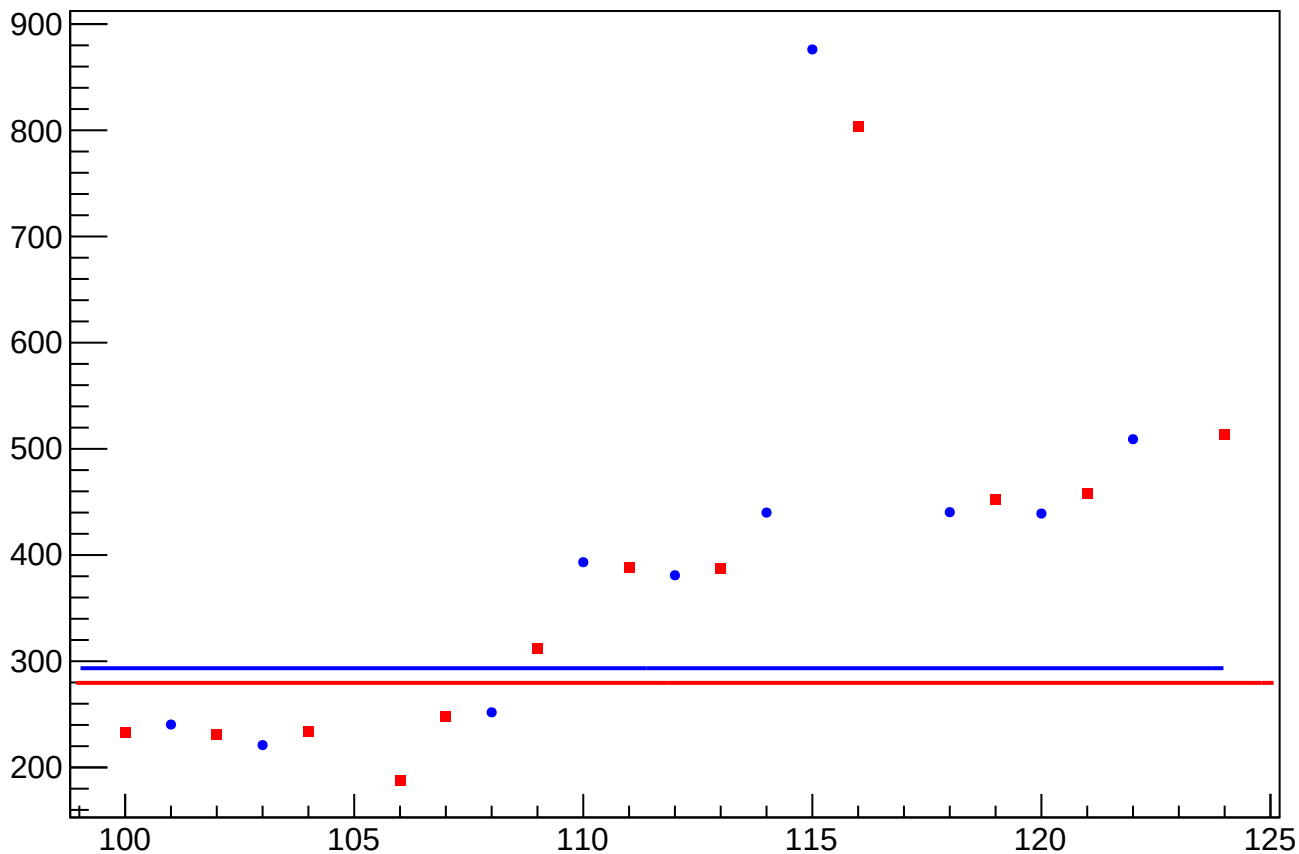
Right: -206.938 ± 102.102 χ^2/NDF : 16.5/21

In: -150.888 ± 152.955 χ^2/NDF : 5.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -206.938 ± 102.102 χ^2/NDF : 16.5/21

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 293.433+/-0.108 χ^2/NDF : 812230.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 279.625+/-0.097 χ^2/NDF : 1000677.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

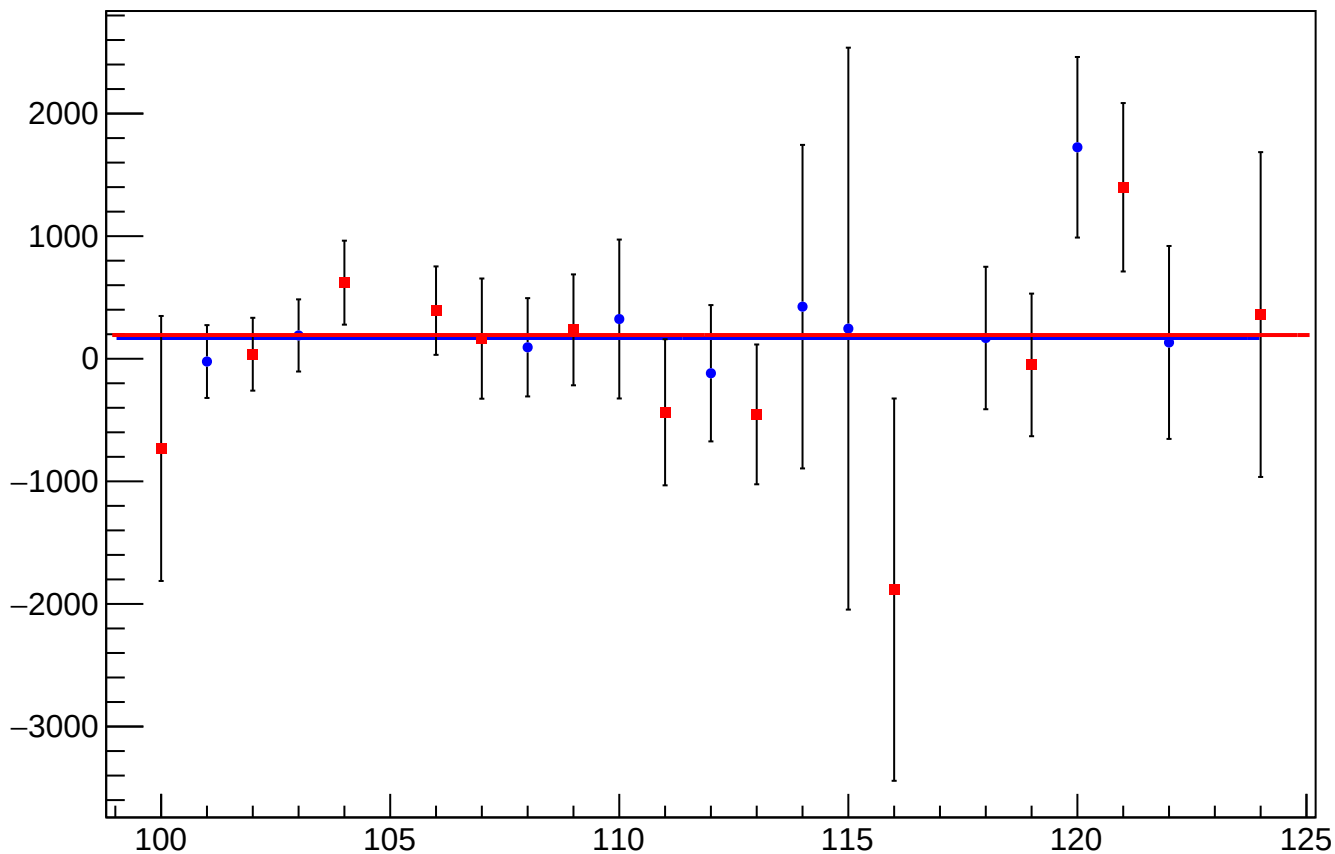
Right: 285.778+/-0.072 χ^2/NDF : 1821944.4/21

In: 293.433+/-0.108 χ^2/NDF : 812230.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.778+/-0.072 χ^2/NDF : 1821944.4/21

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 169.377+/-154.499 χ^2/NDF : 5.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.473+/-142.289 χ^2/NDF : 10.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

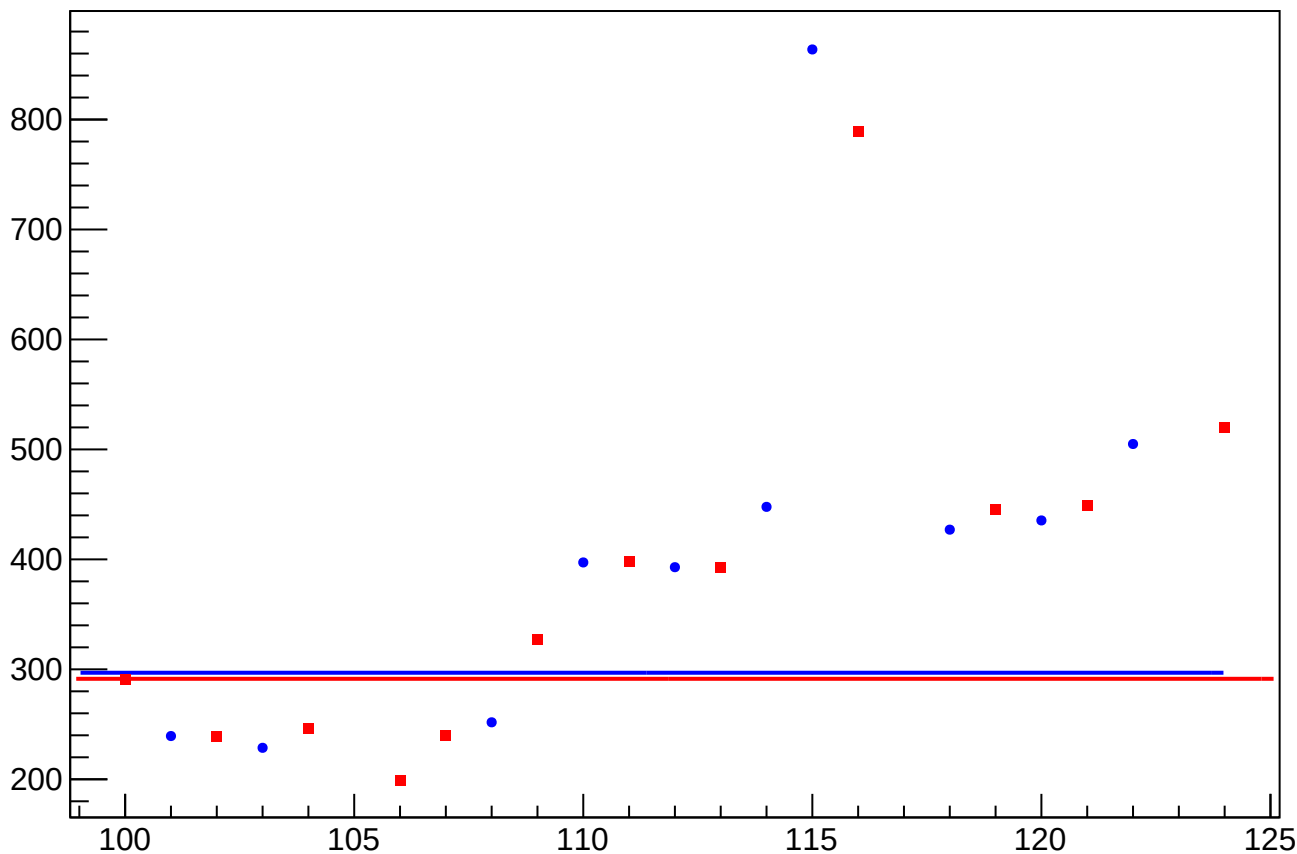
Right: 182.415+/-104.665 χ^2/NDF : 15.6/21

In: 169.377+/-154.499 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.415+/-104.665 χ^2/NDF : 15.6/21

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 296.899+/-0.109 χ^2/NDF : 774767.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 291.387+/-0.101 χ^2/NDF : 897755.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

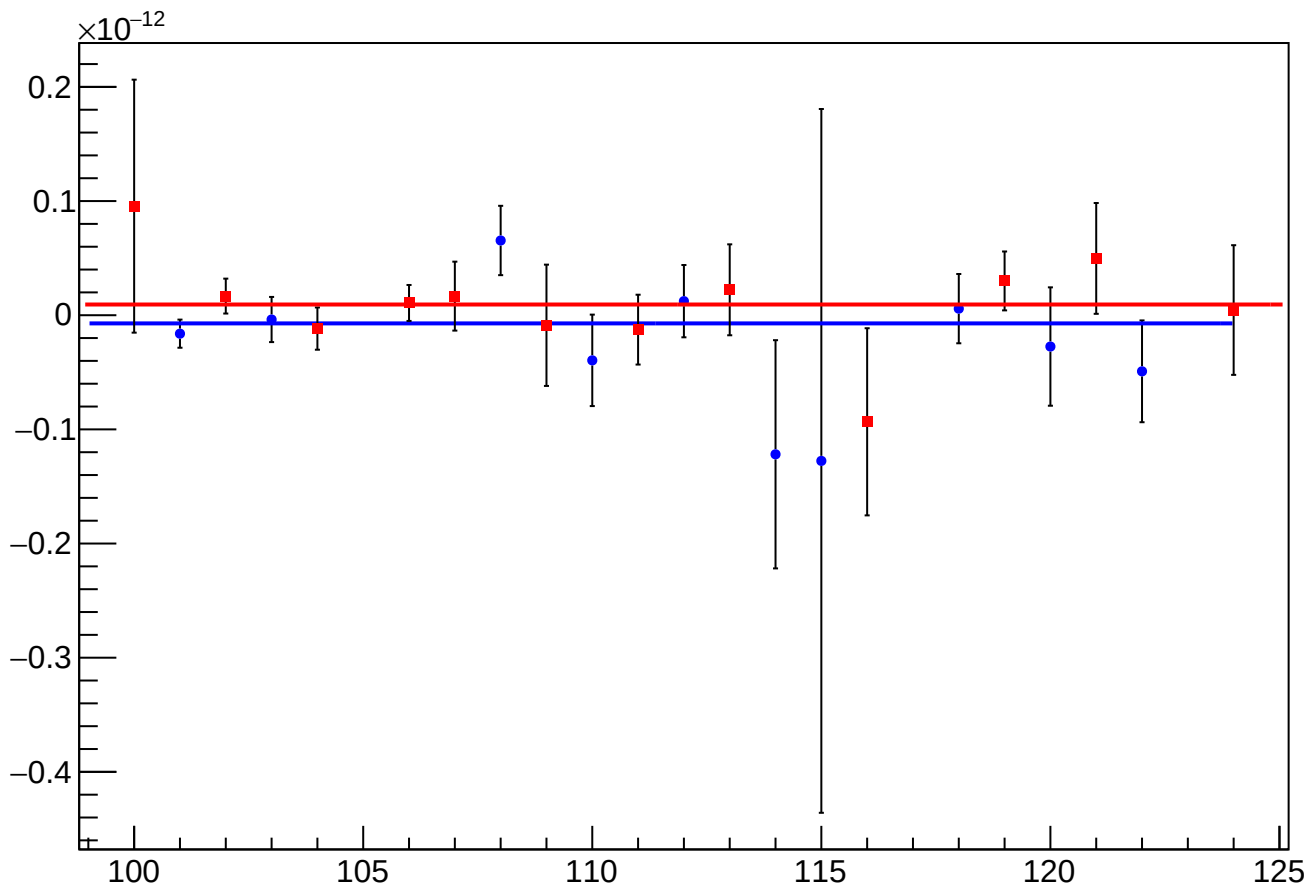
Right: 293.917+/-0.074 χ^2/NDF : 1673900.7/21

In: 296.899+/-0.109 χ^2/NDF : 774767.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.917+/-0.074 χ^2/NDF : 1673900.7/21

asym_sam_37_48_dd_reg_vs_cor_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 : 5.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

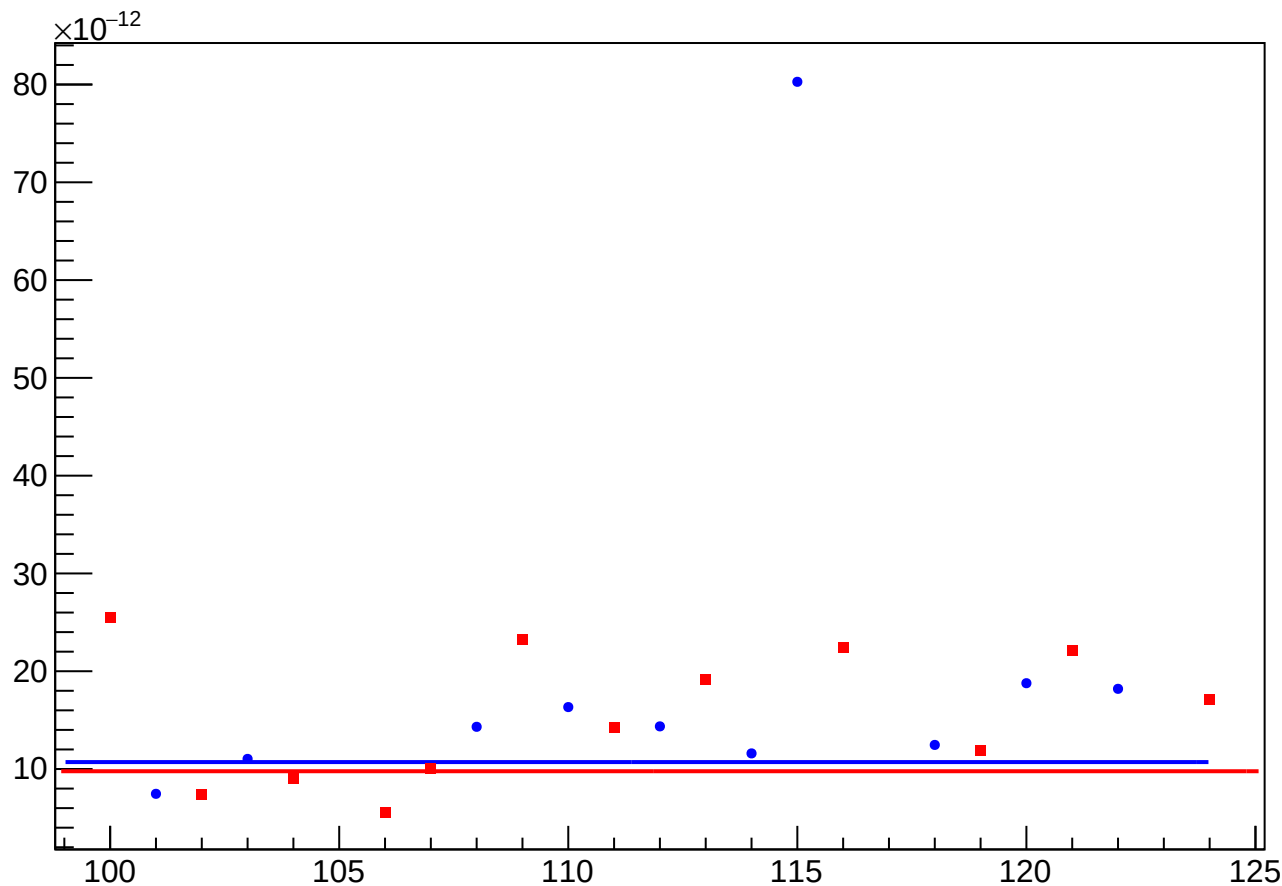
Right: 0.000+/-0.000 χ^2/NDF : 17.9/21

In: -0.000+/-0.000 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.9/21

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 447228.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 744651.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

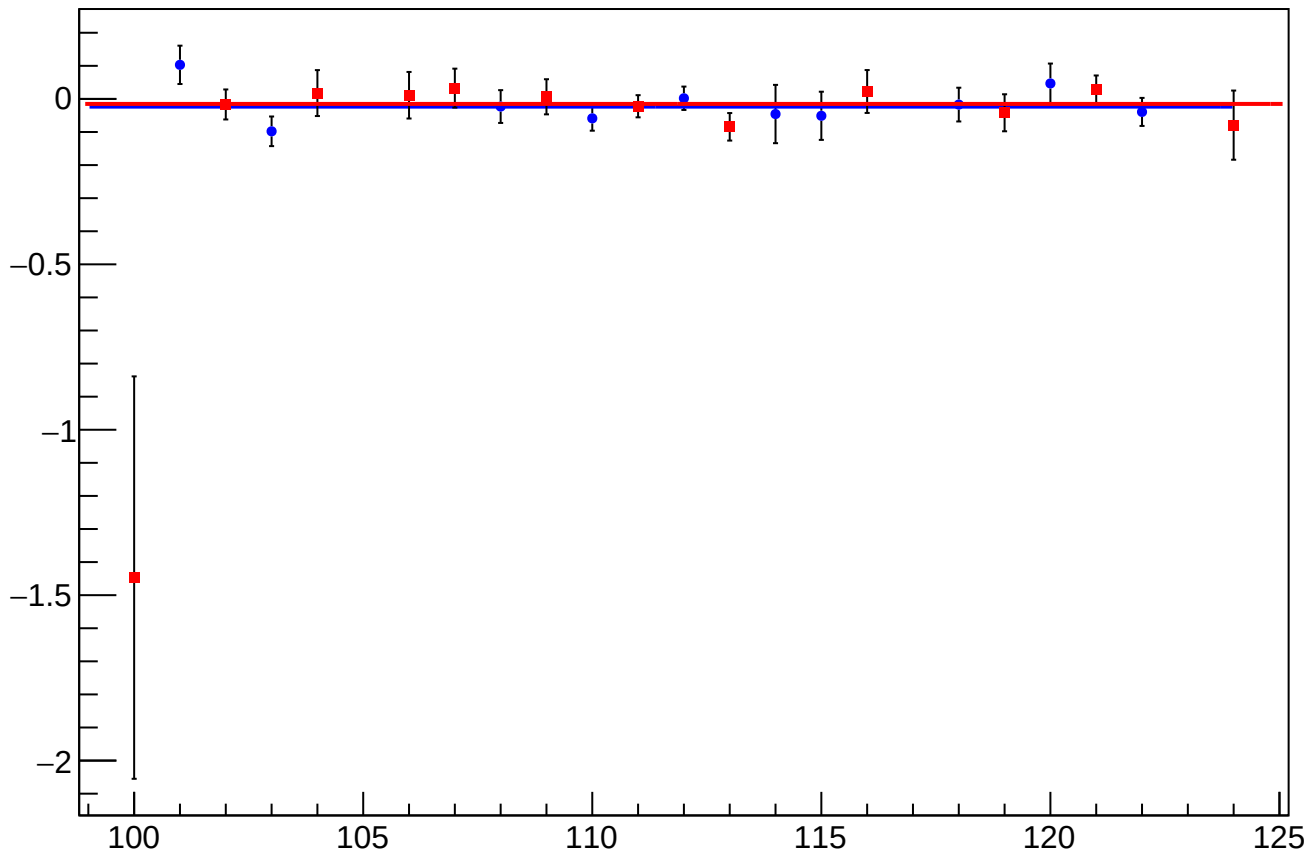
Right: 0.000+/-0.000 χ^2/NDF : 1205254.6/21

In: 0.000+/-0.000 χ^2/NDF : 447228.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1205254.6/21

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.015 χ^2/NDF : 10.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.015 χ^2/NDF : 11.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

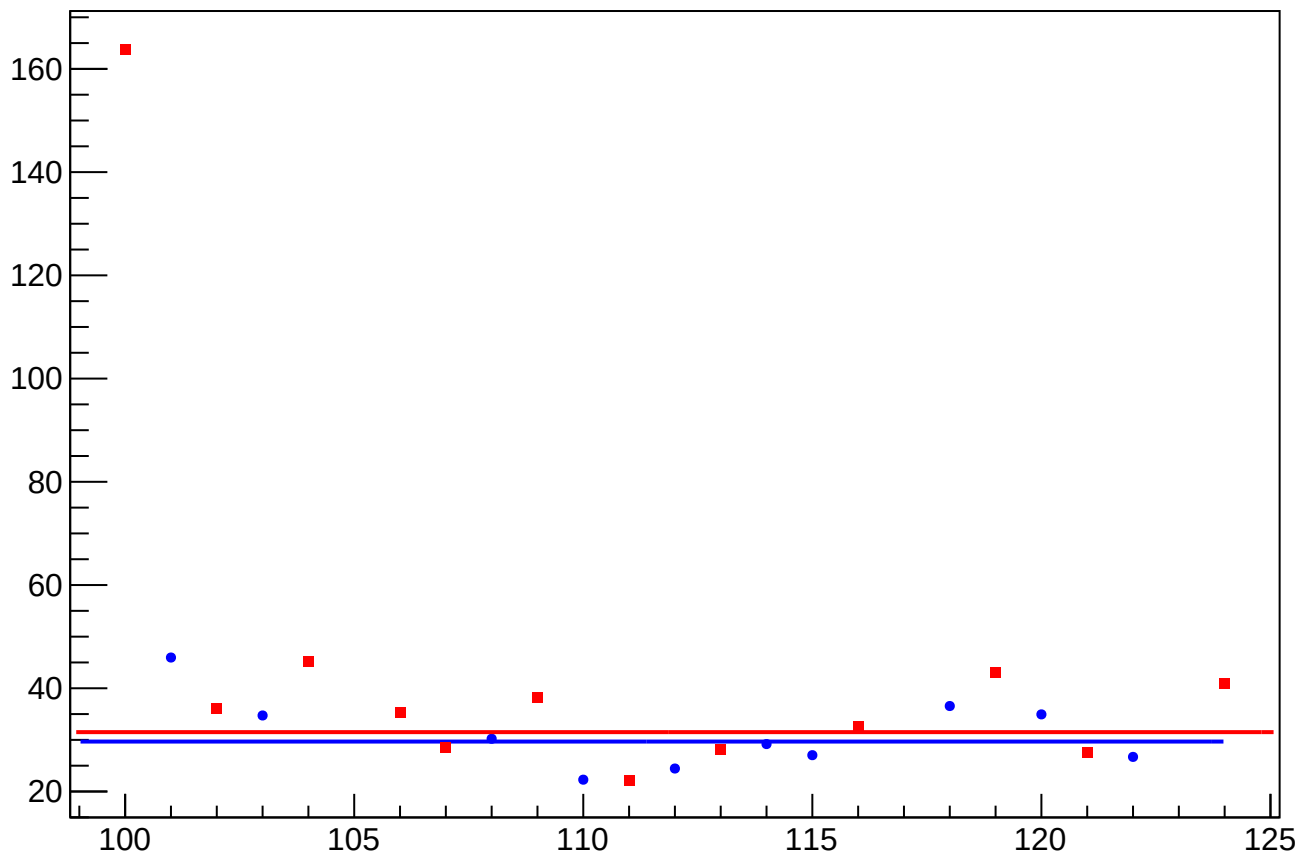
Right: -0.019 ± 0.011 χ^2/NDF : 22.3/21

In: -0.023 ± 0.015 χ^2/NDF : 10.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.011 χ^2/NDF : 22.3/21

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676+/-0.011 χ^2/NDF : 369647.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.502+/-0.011 χ^2/NDF : 524202.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

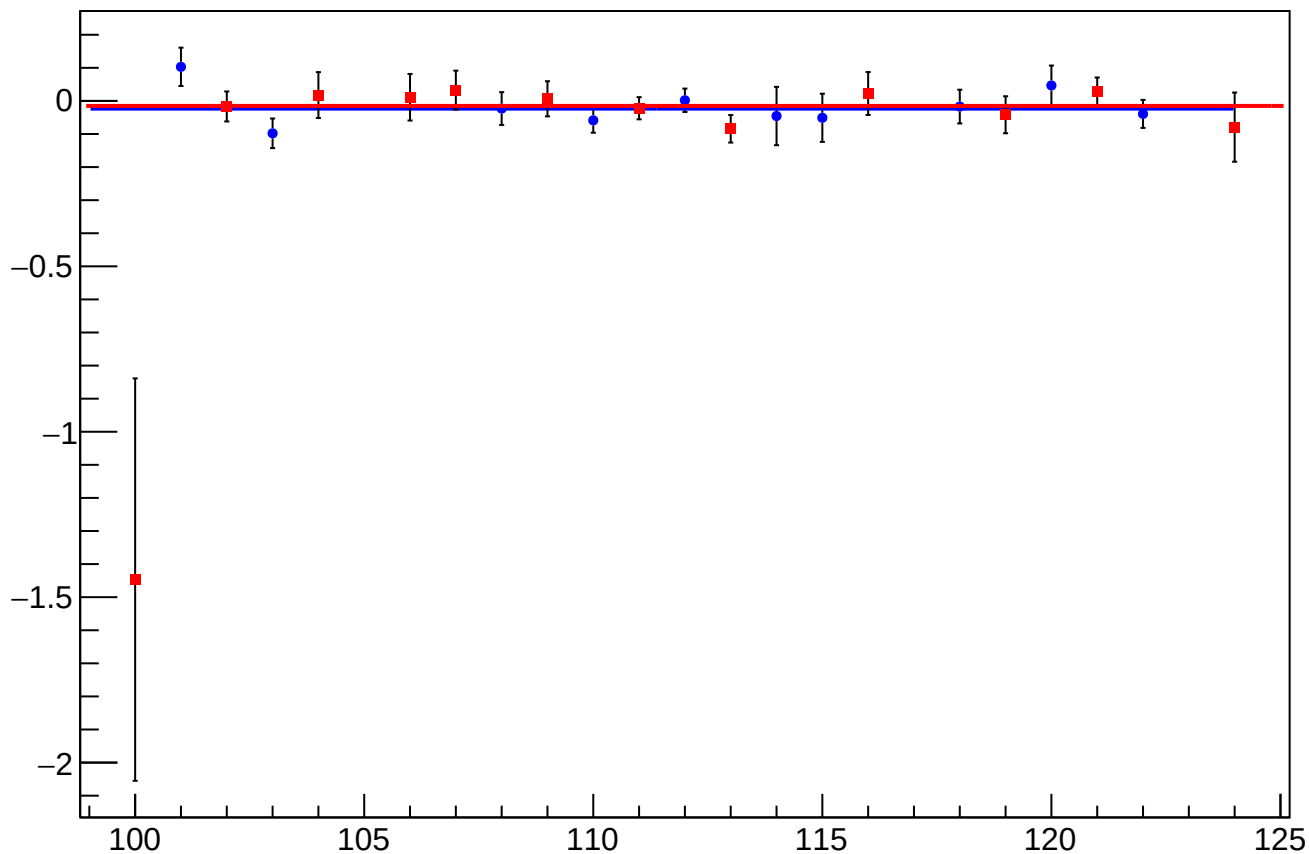
Right: 30.582+/-0.008 χ^2/NDF : 907936.7/21

In: 29.676+/-0.011 χ^2/NDF : 369647.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.582+/-0.008 χ^2/NDF : 907936.7/21

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.015 χ^2/NDF : 10.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.015 χ^2/NDF : 11.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

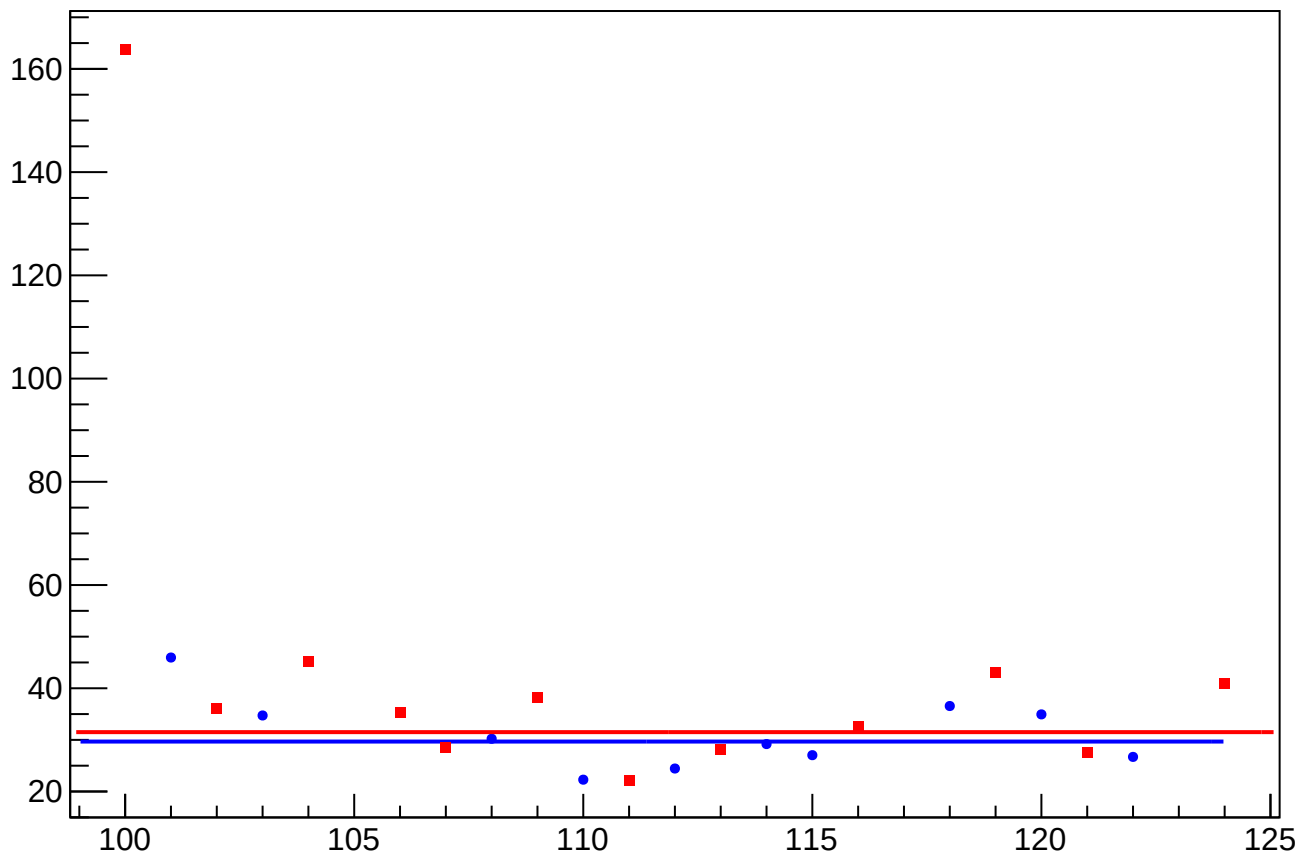
Right: -0.019 ± 0.011 χ^2/NDF : 22.3/21

In: -0.023 ± 0.015 χ^2/NDF : 10.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.011 χ^2/NDF : 22.3/21

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676+/-0.011 χ^2/NDF : 369647.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.502+/-0.011 χ^2/NDF : 524202.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

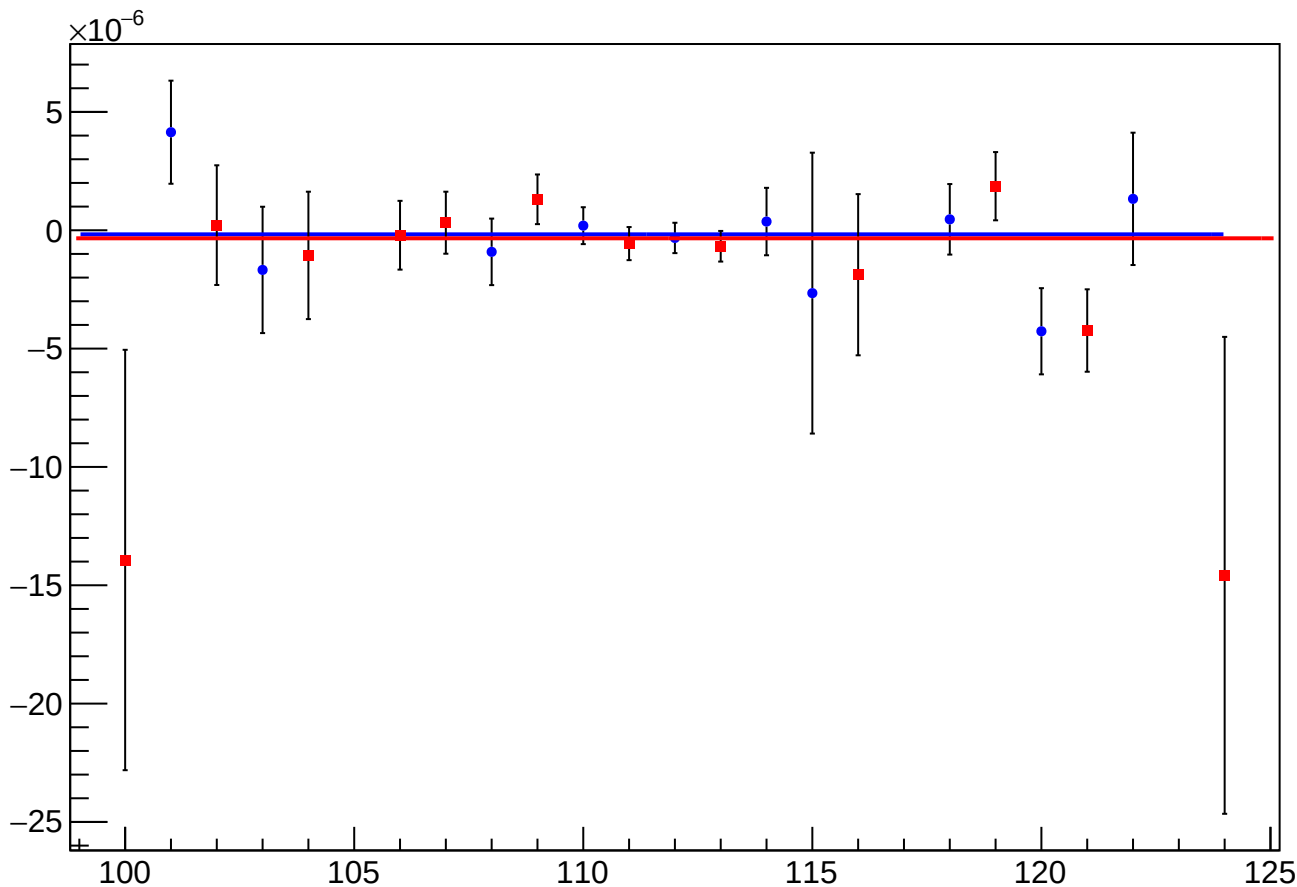
Right: 30.582+/-0.008 χ^2/NDF : 907936.7/21

In: 29.676+/-0.011 χ^2/NDF : 369647.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.582+/-0.008 χ^2/NDF : 907936.7/21

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

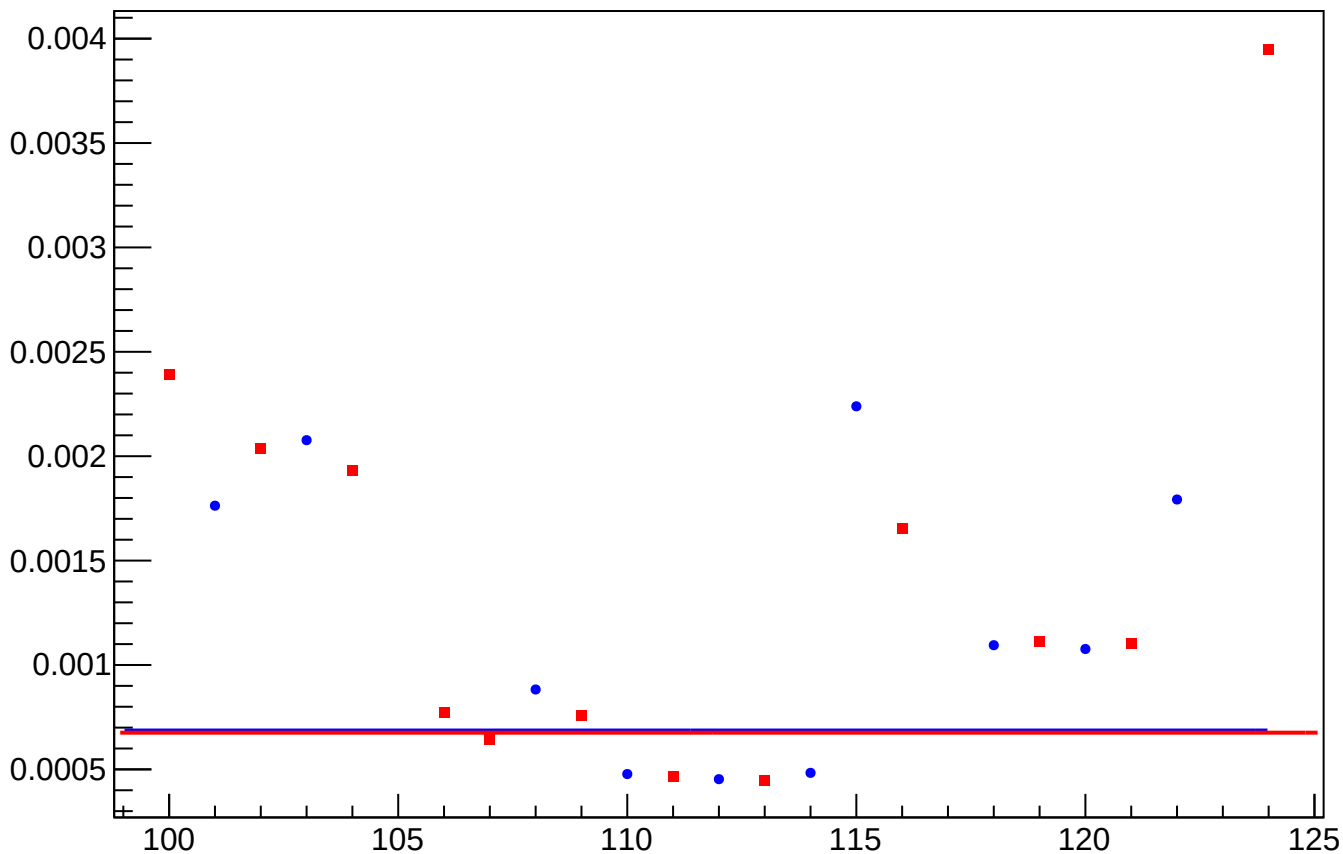
Right: -0.000+/-0.000 χ^2/NDF : 25.8/21

In: -0.000+/-0.000 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.8/21

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2211113.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2225336.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

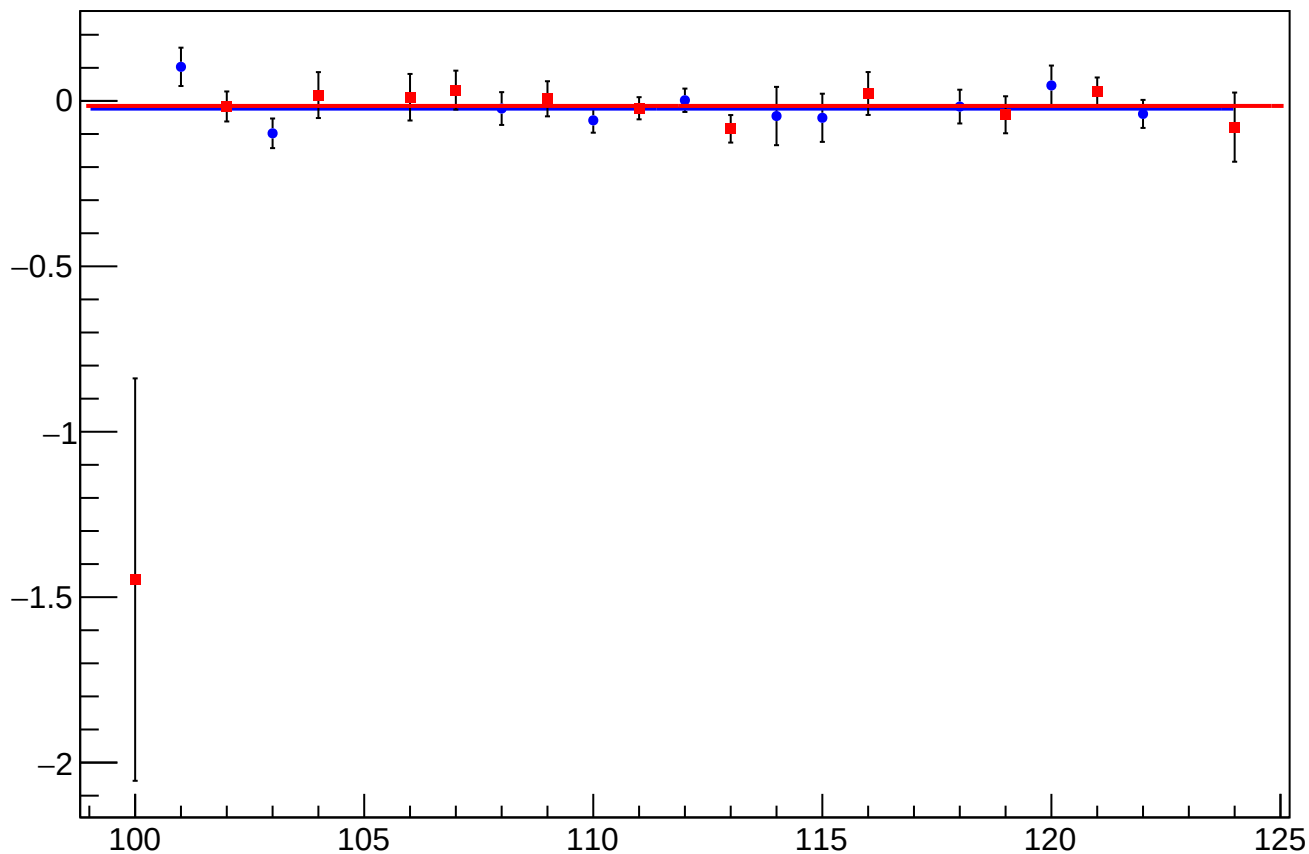
Right: 0.001+/-0.000 χ^2/NDF : 4437173.9/21

In: 0.001+/-0.000 χ^2/NDF :2211113.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4437173.9/21

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.015 χ^2/NDF : 10.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.015 χ^2/NDF : 11.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

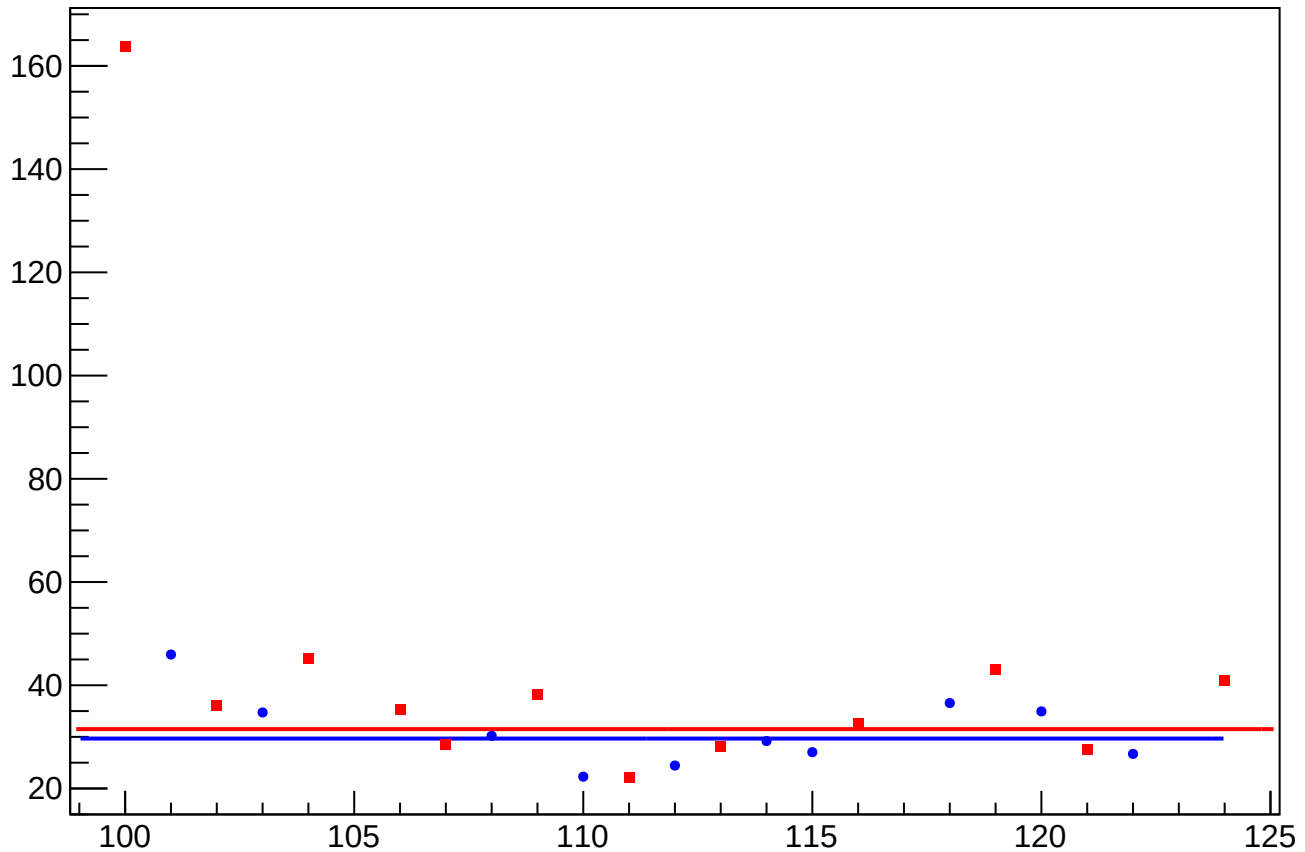
Right: -0.019 ± 0.011 χ^2/NDF : 22.3/21

In: -0.023 ± 0.015 χ^2/NDF : 10.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.011 χ^2/NDF : 22.3/21

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676 $\pm$ 0.011 χ^2 /NDF: 369643.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.502 $\pm$ 0.011 χ^2 /NDF: 524207.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

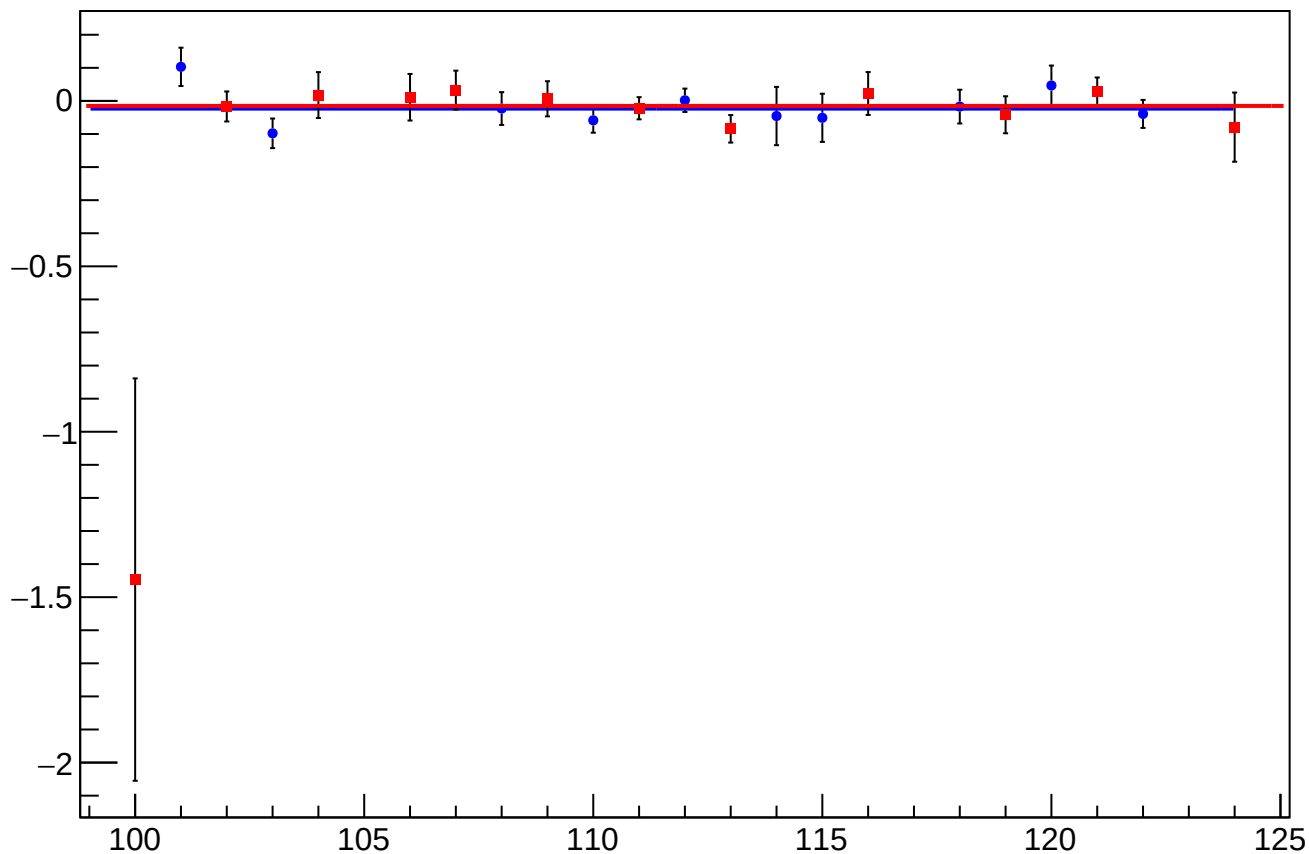
Right: 30.582 $\pm$ 0.008 χ^2 /NDF: 907938.8/21

In: 29.676 $\pm$ 0.011 χ^2 /NDF:369643.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.582 $\pm$ 0.008 χ^2 /NDF: 907938.8/21

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.015 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.015+/-0.015 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

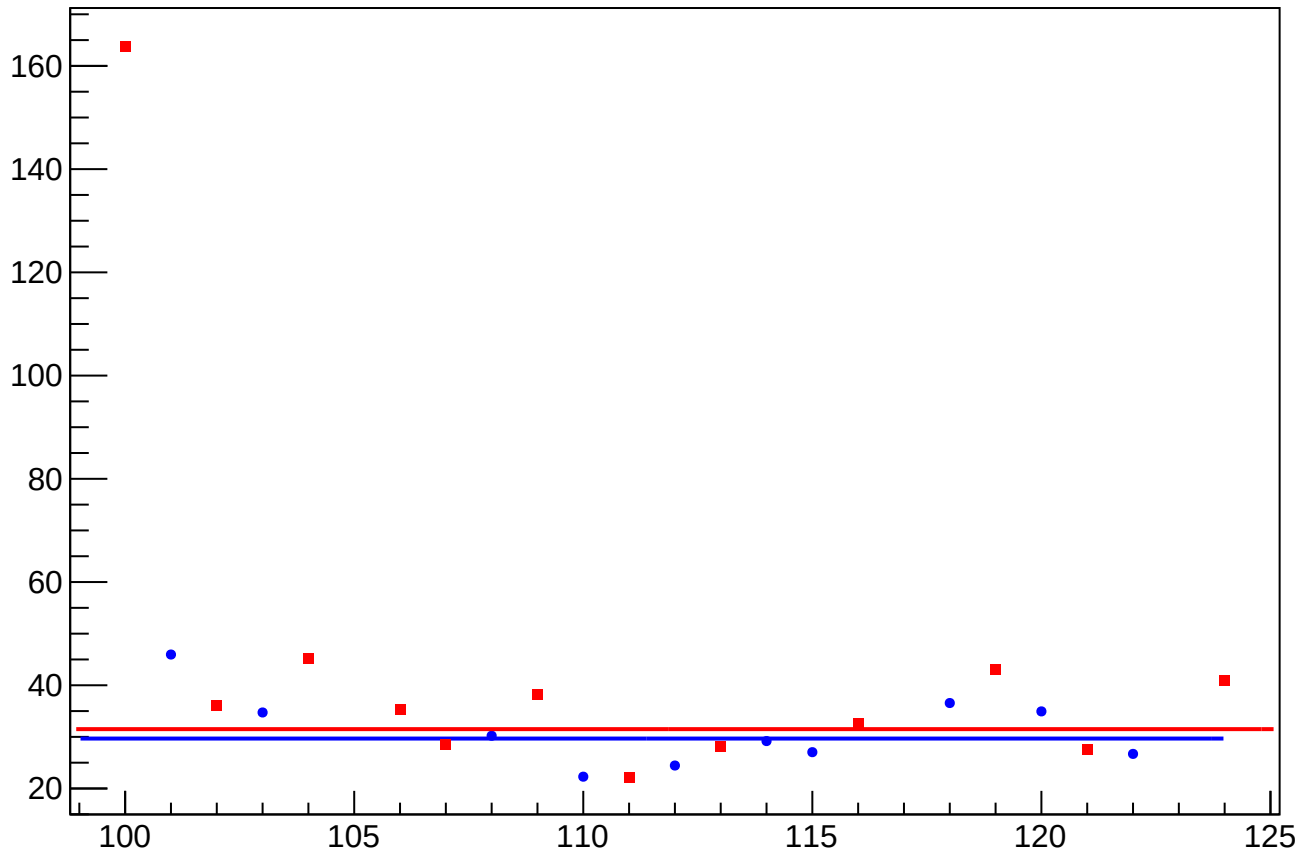
Right: -0.019+/-0.011 χ^2/NDF : 22.3/21

In: -0.023+/-0.015 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.019+/-0.011 χ^2/NDF : 22.3/21

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676+/-0.011 χ^2/NDF : 369643.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.502+/-0.011 χ^2/NDF : 524207.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

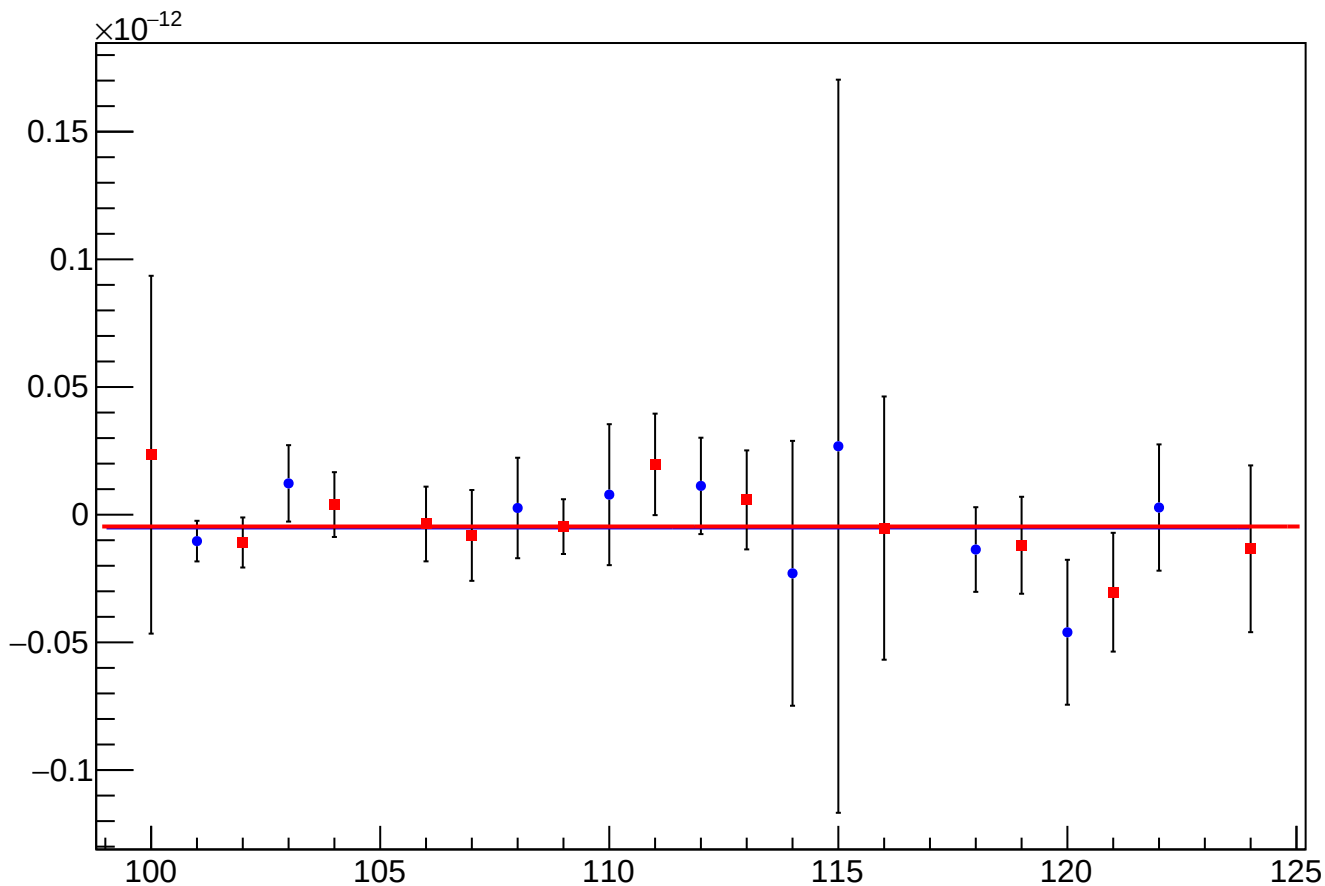
Right: 30.582+/-0.008 χ^2/NDF : 907938.8/21

In: 29.676+/-0.011 χ^2/NDF :369643.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.582+/-0.008 χ^2/NDF : 907938.8/21

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.3/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

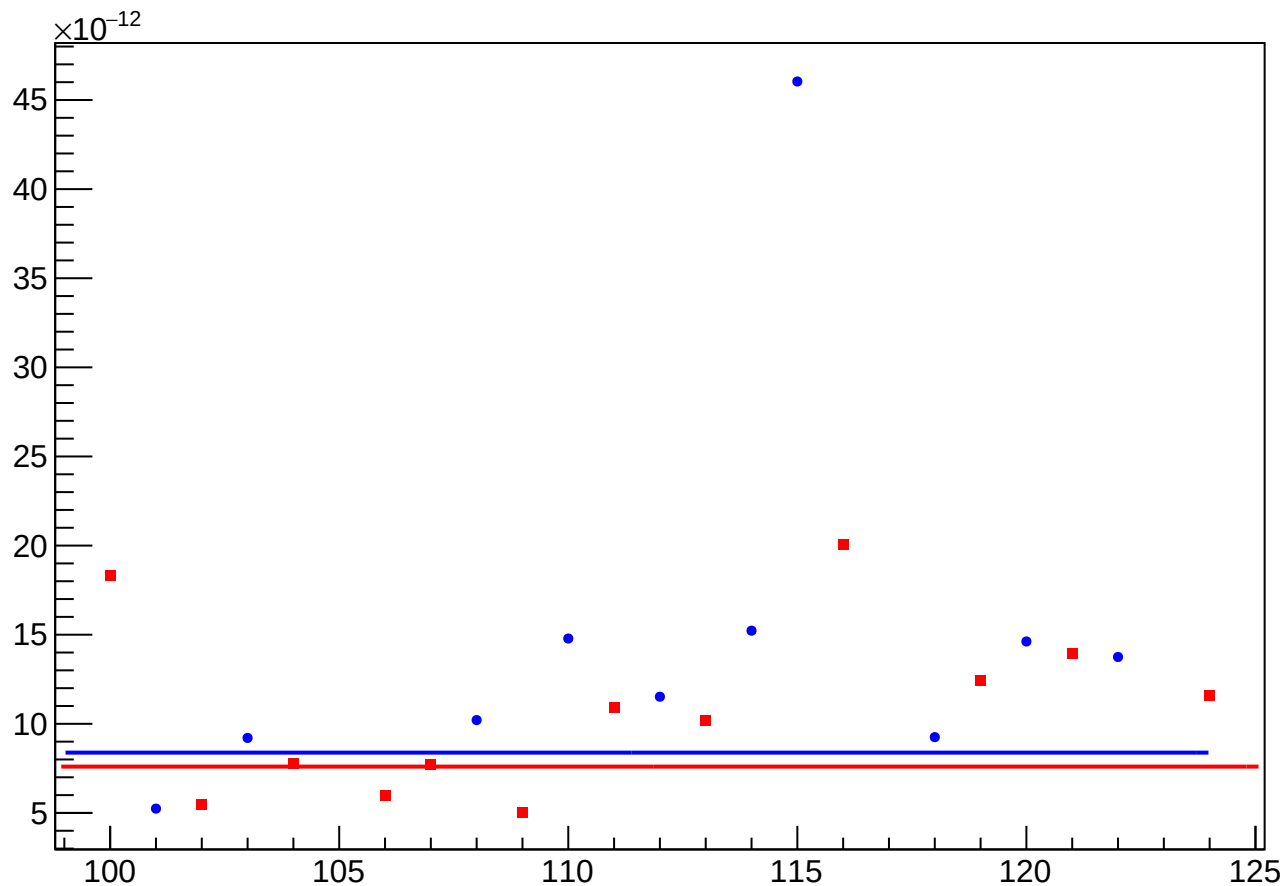
Right: -0.000+/-0.000 χ^2 /NDF: 9.8/21

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: 9.8/21

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 866928.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 797735.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

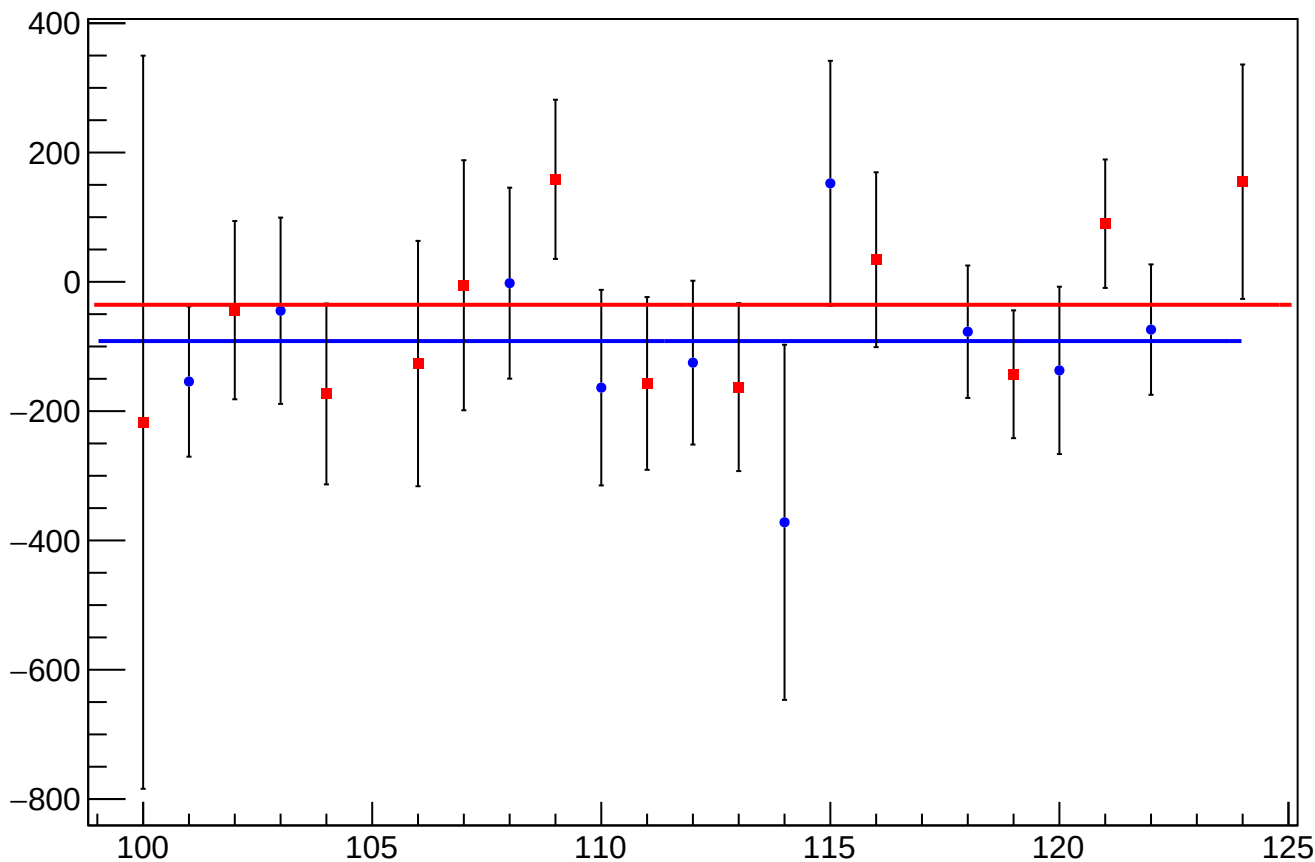
Right: 0.000+/-0.000 χ^2/NDF : 1688368.6/21

In: 0.000+/-0.000 χ^2/NDF : 866928.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1688368.6/21

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -91.617 $\pm$ 41.945 χ^2 /NDF: 3.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.525 $\pm$ 39.795 χ^2 /NDF: 9.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

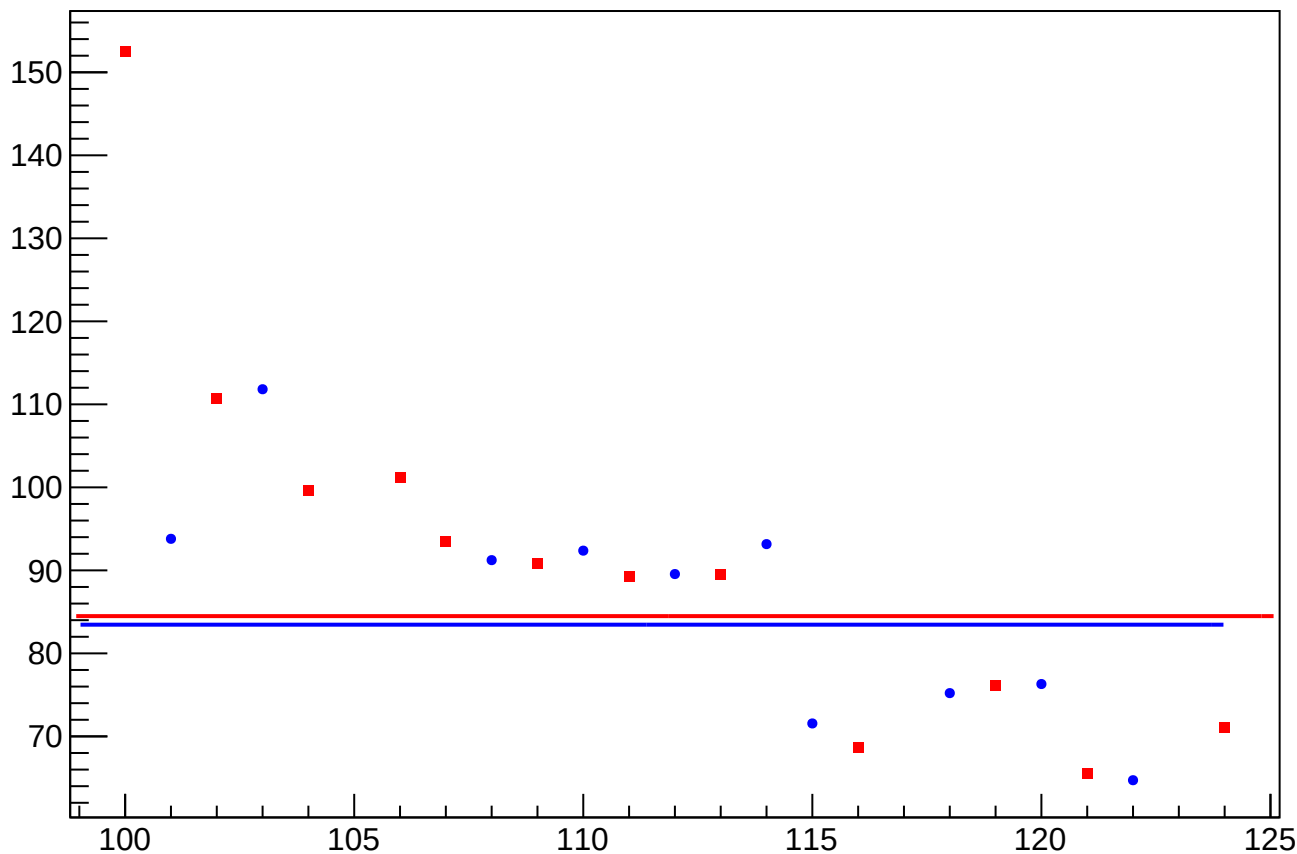
Right: -62.096 $\pm$ 28.869 χ^2 /NDF: 14.6/21

In: -91.617 $\pm$ 41.945 χ^2 /NDF:3.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -62.096 $\pm$ 28.869 χ^2 /NDF: 14.6/21

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 83.457+/-0.030 χ^2/NDF : 208900.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.488+/-0.028 χ^2/NDF : 280444.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

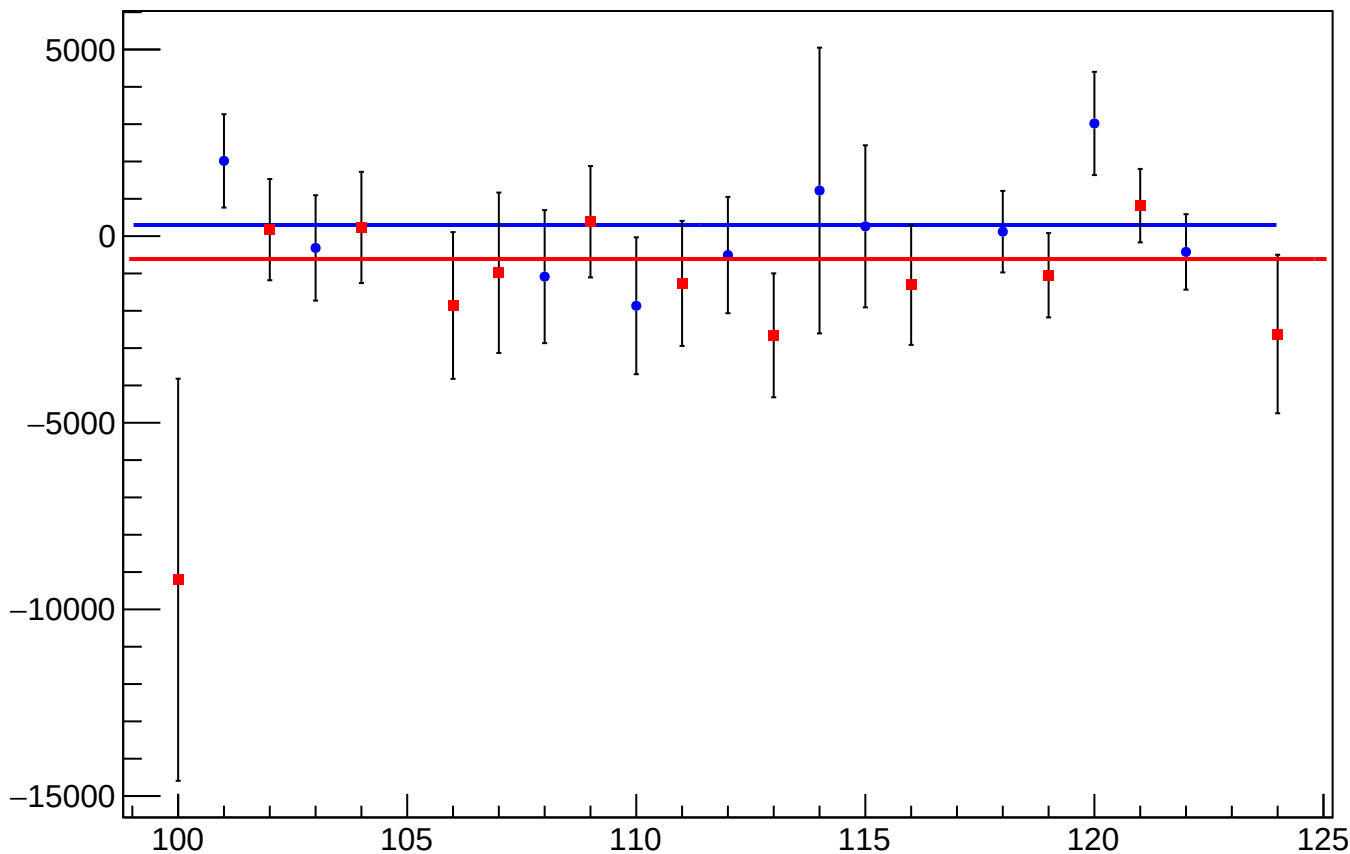
Right: 84.000+/-0.020 χ^2/NDF : 489982.1/21

In: 83.457+/-0.030 χ^2/NDF : 208900.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.000+/-0.020 χ^2/NDF : 489982.1/21

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 298.600+/-457.092 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -612.230+/-442.853 χ^2/NDF : 9.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

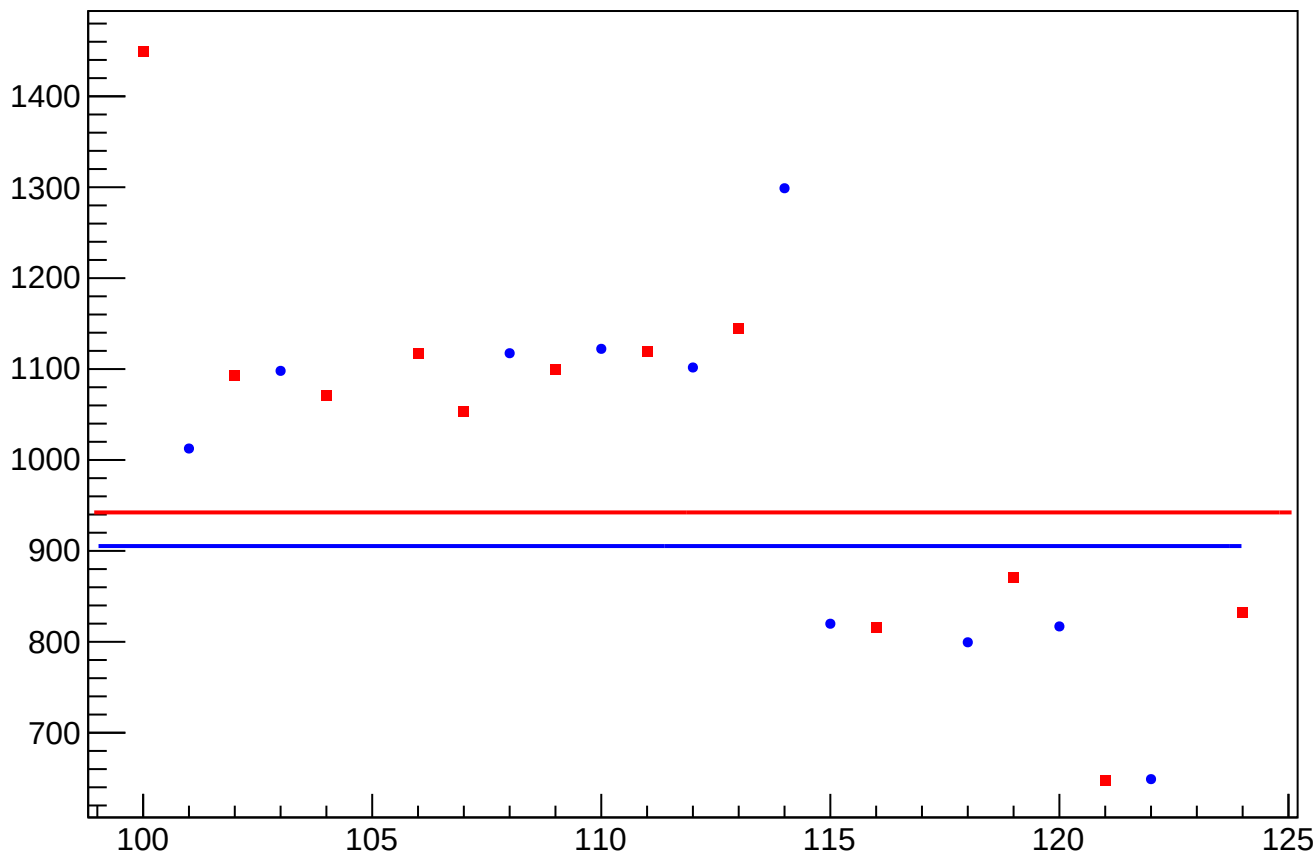
Right: -171.222+/-318.059 χ^2/NDF : 19.9/21

In: 298.600+/-457.092 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -171.222+/-318.059 χ^2/NDF : 19.9/21

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 905.331+/-0.323 χ^2/NDF : 320021.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 942.321+/-0.313 χ^2/NDF : 357619.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

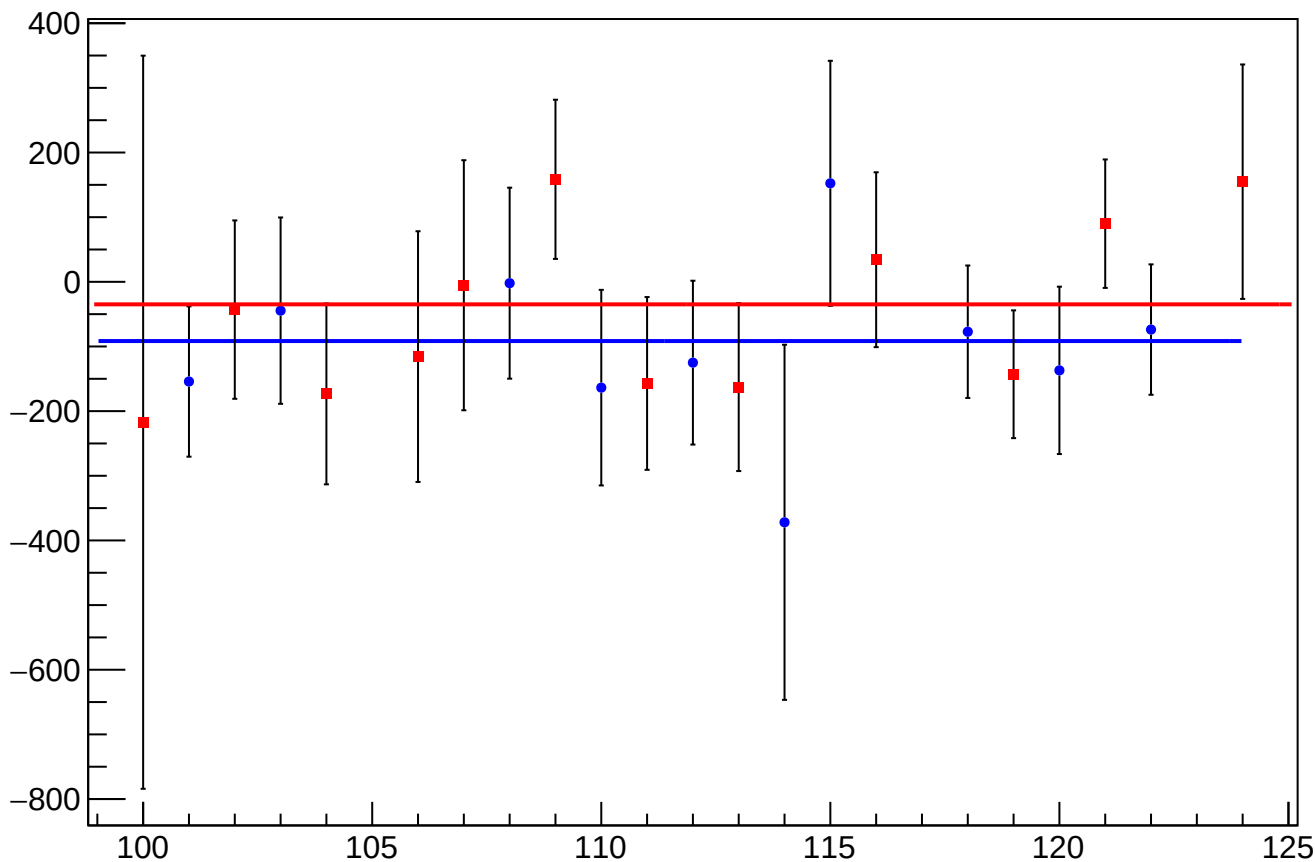
Right: 924.411+/-0.225 χ^2/NDF : 684396.0/21

In: 905.331+/-0.323 χ^2/NDF : 320021.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.411+/-0.225 χ^2/NDF : 684396.0/21

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -91.605+/-41.945 χ^2/NDF : 3.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -34.830+/-39.834 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

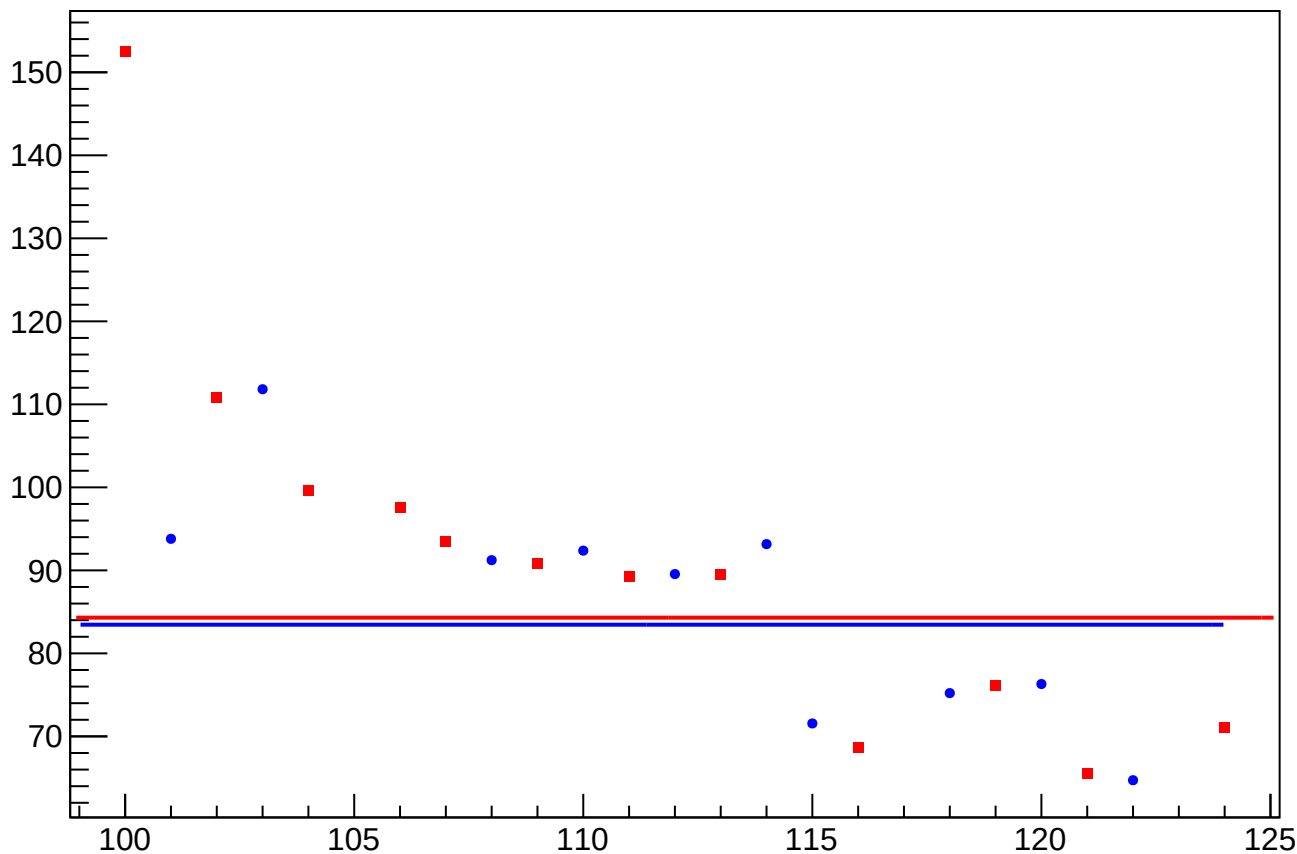
Right: -61.753+/-28.884 χ^2/NDF : 14.6/21

In: -91.605+/-41.945 χ^2/NDF :3.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -61.753+/-28.884 χ^2/NDF : 14.6/21

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 83.457+/-0.030 χ^2/NDF : 208902.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.304+/-0.028 χ^2/NDF : 274148.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

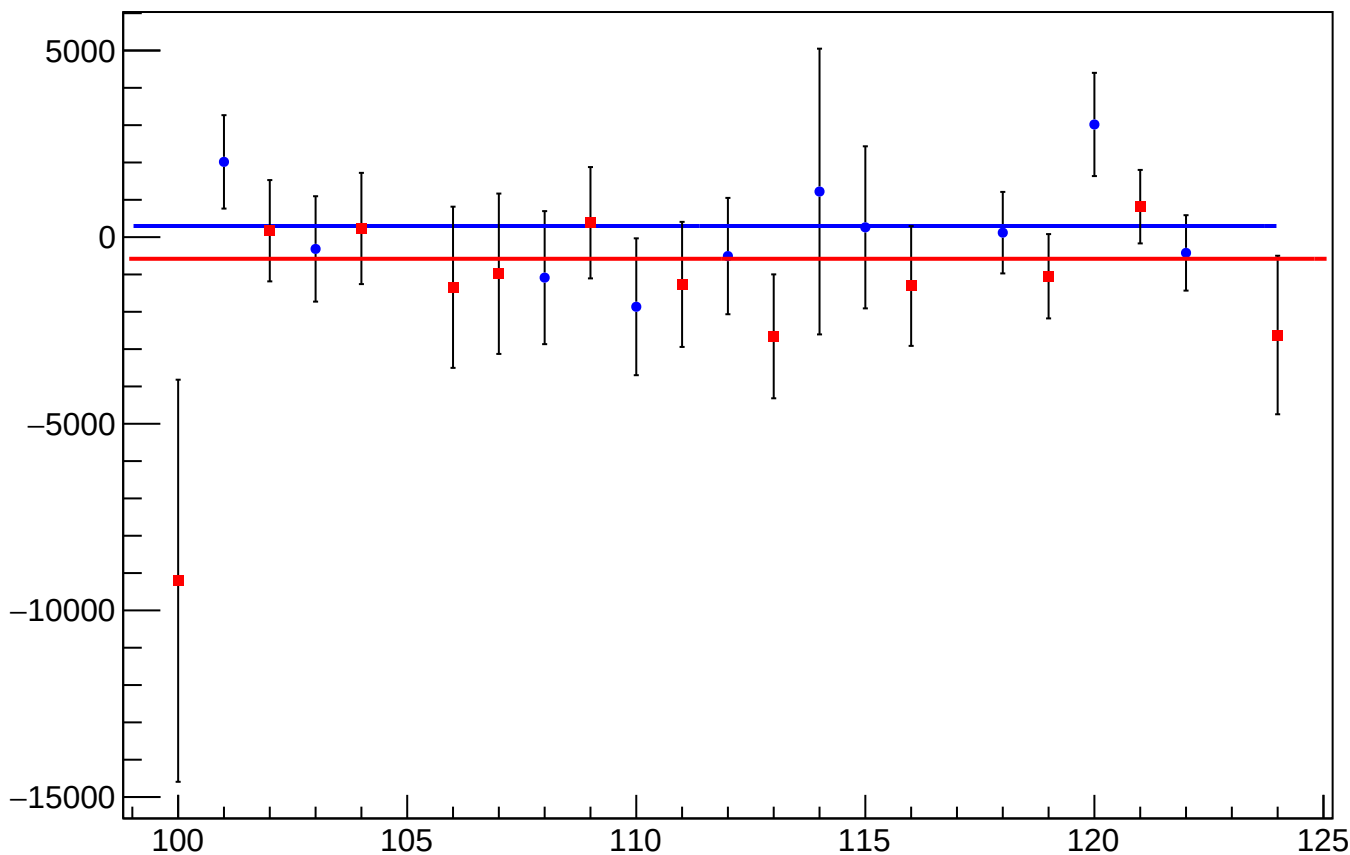
Right: 83.902+/-0.020 χ^2/NDF : 483480.7/21

In: 83.457+/-0.030 χ^2/NDF : 208902.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.902+/-0.020 χ^2/NDF : 483480.7/21

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 298.553+/-457.094 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -579.905+/-444.823 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

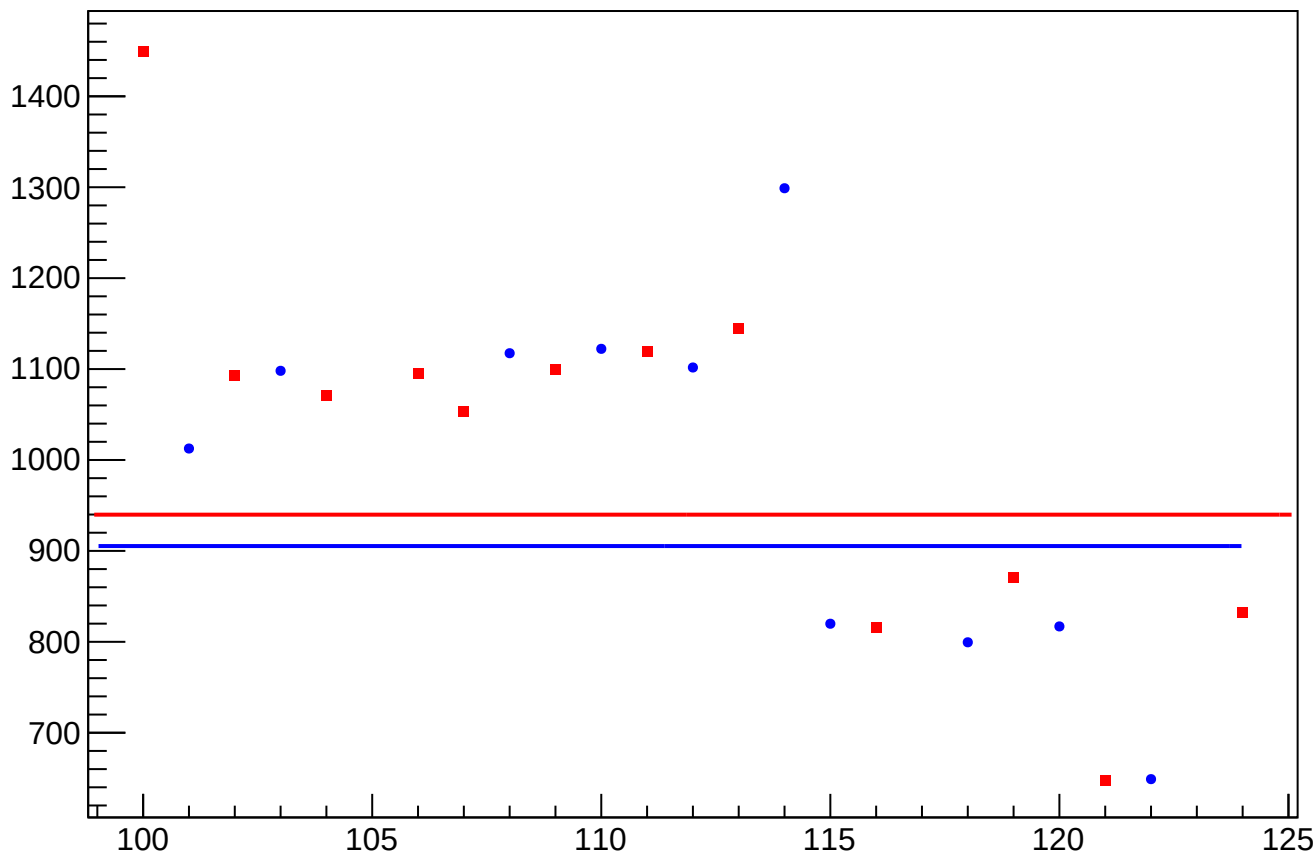
Right: -152.626+/-318.787 χ^2/NDF : 19.5/21

In: 298.553+/-457.094 χ^2/NDF :8.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -152.626+/-318.787 χ^2/NDF : 19.5/21

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 905.334+/-0.323 χ^2/NDF : 320040.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 939.864+/-0.315 χ^2/NDF : 351800.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

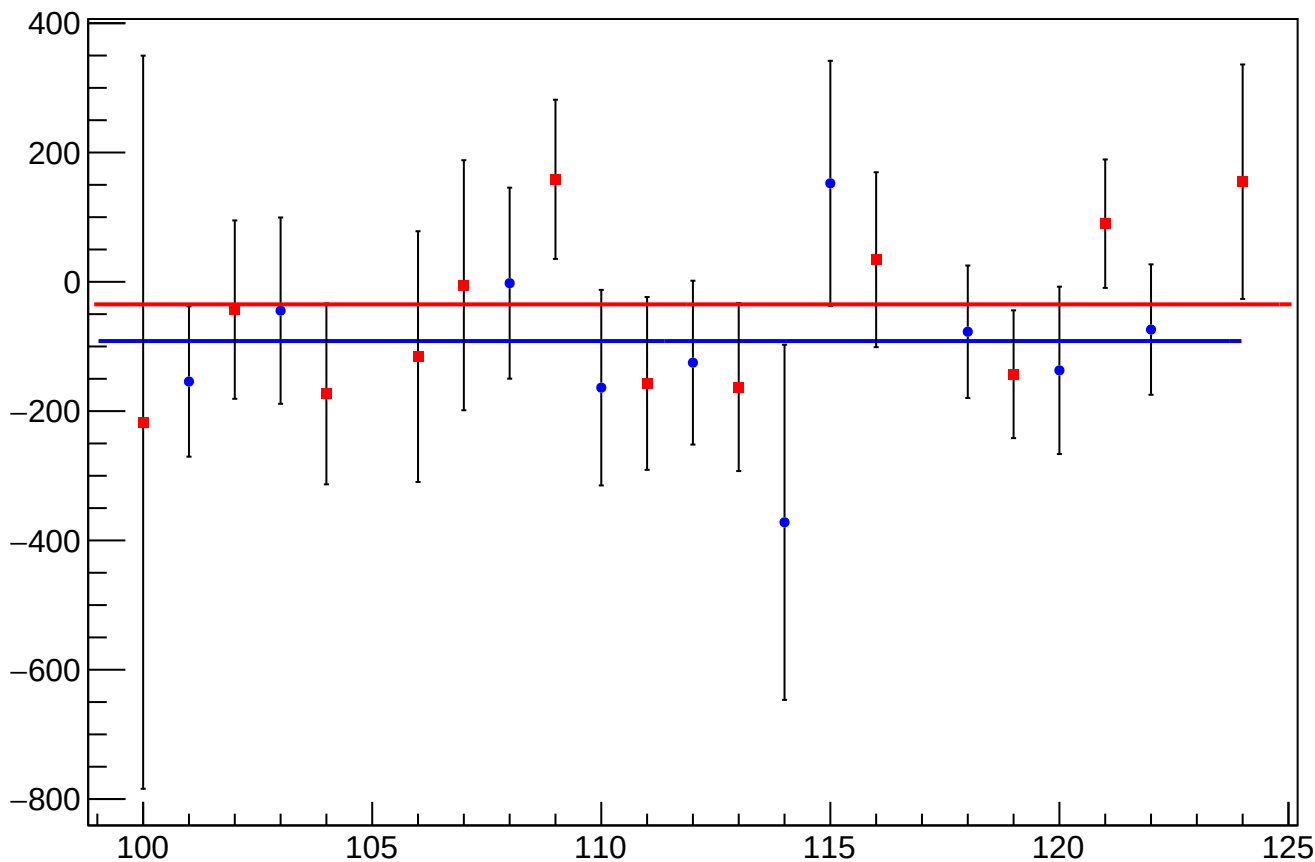
Right: 923.069+/-0.225 χ^2/NDF : 677702.7/21

In: 905.334+/-0.323 χ^2/NDF : 320040.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.069+/-0.225 χ^2/NDF : 677702.7/21

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -91.605+/-41.945 χ^2/NDF : 3.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -34.830+/-39.834 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

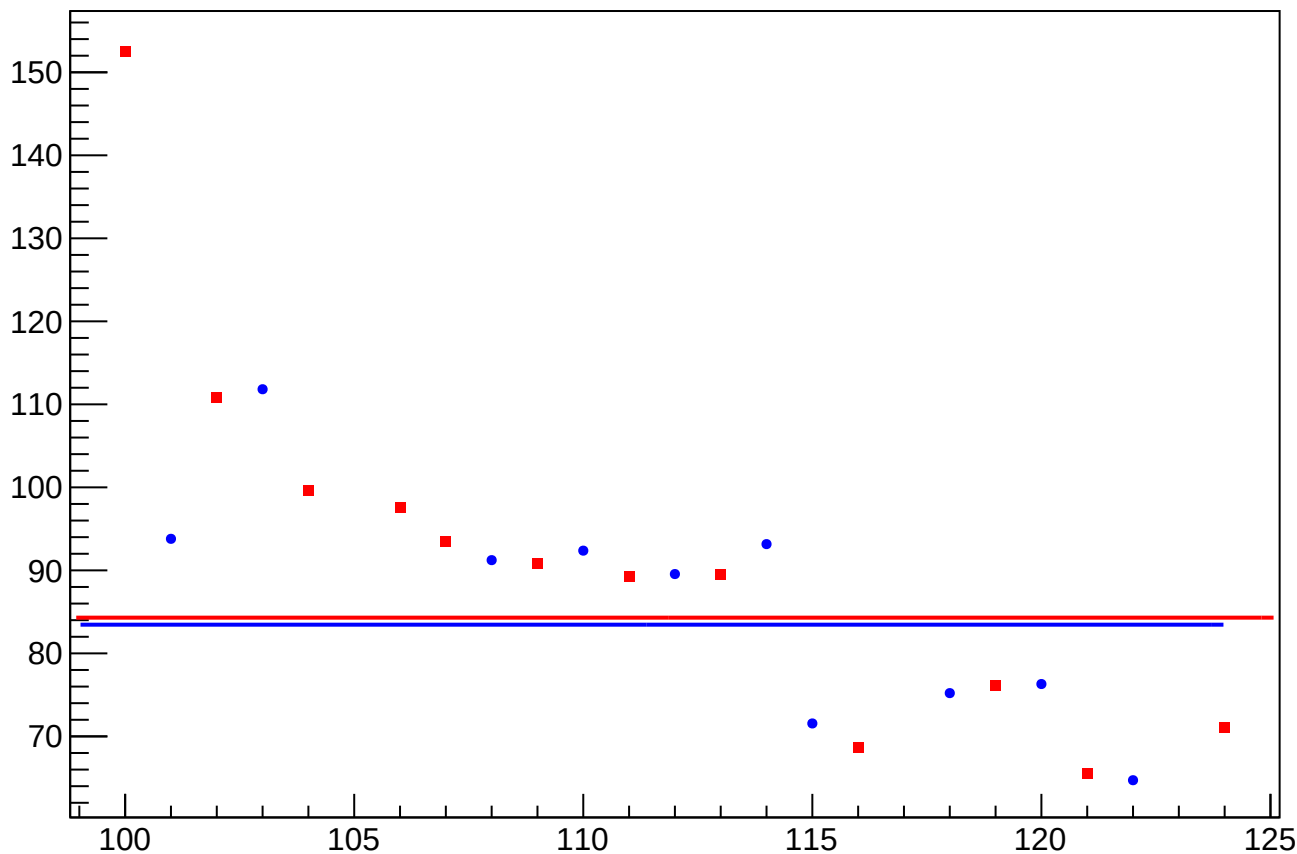
Right: -61.753+/-28.884 χ^2/NDF : 14.6/21

In: -91.605+/-41.945 χ^2/NDF :3.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -61.753+/-28.884 χ^2/NDF : 14.6/21

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 83.457+/-0.030 χ^2/NDF : 208902.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.304+/-0.028 χ^2/NDF : 274148.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

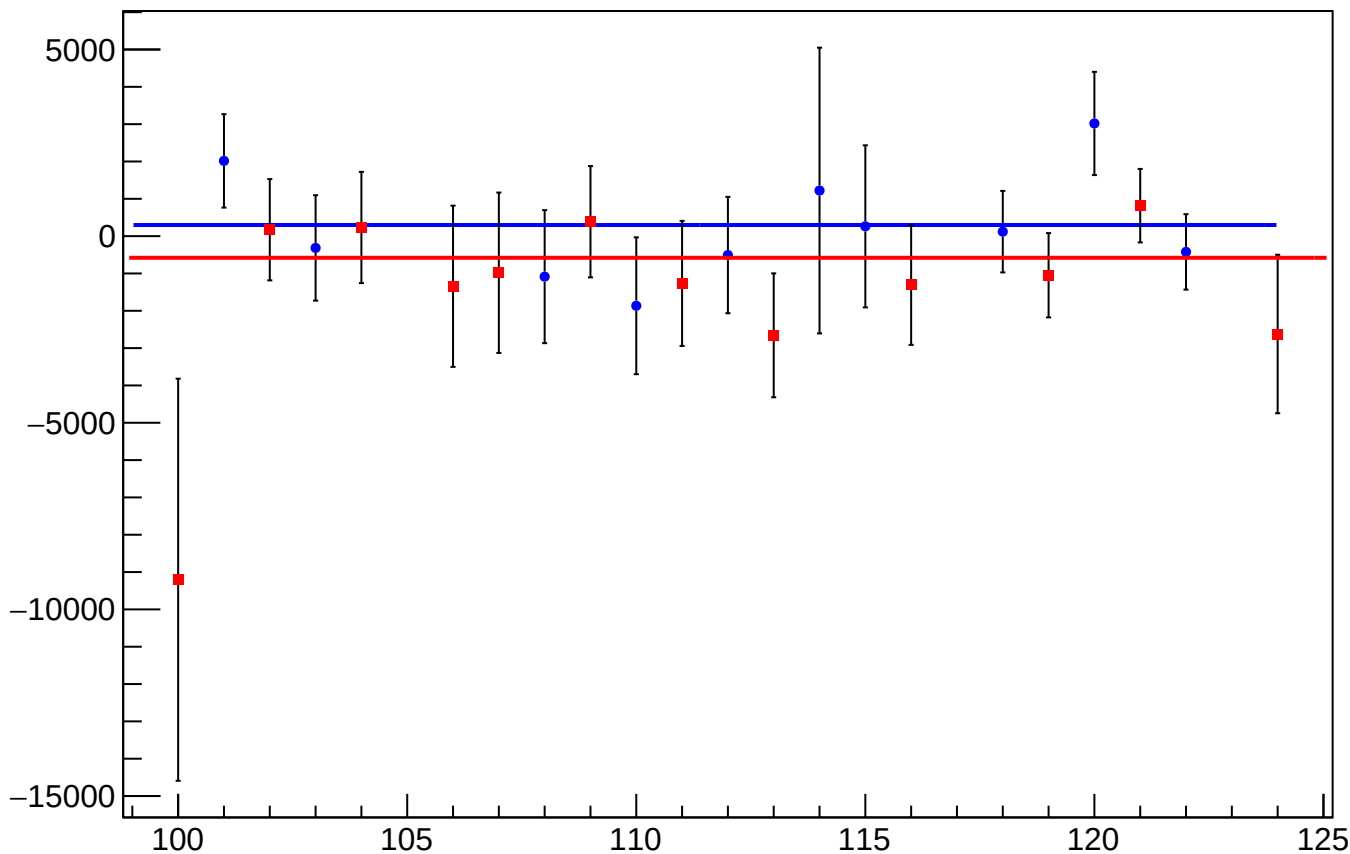
Right: 83.902+/-0.020 χ^2/NDF : 483480.7/21

In: 83.457+/-0.030 χ^2/NDF : 208902.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.902+/-0.020 χ^2/NDF : 483480.7/21

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 298.553+/-457.094 χ^2 /NDF: 8.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -579.905+/-444.823 χ^2 /NDF: 8.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

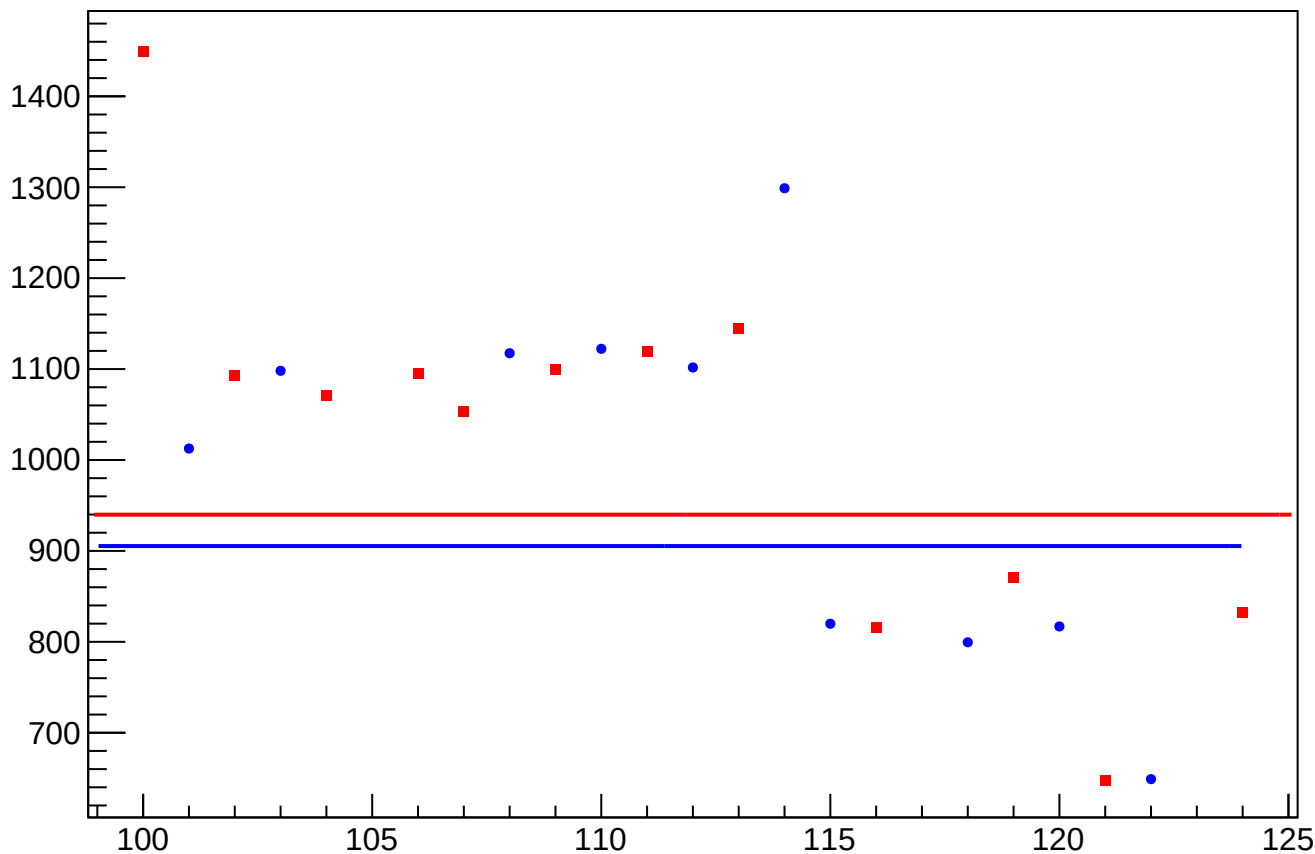
Right: -152.626+/-318.787 χ^2 /NDF: 19.5/21

In: 298.553+/-457.094 χ^2 /NDF:8.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -152.626+/-318.787 χ^2 /NDF: 19.5/21

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 905.334+/-0.323 χ^2/NDF : 320040.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 939.864+/-0.315 χ^2/NDF : 351800.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

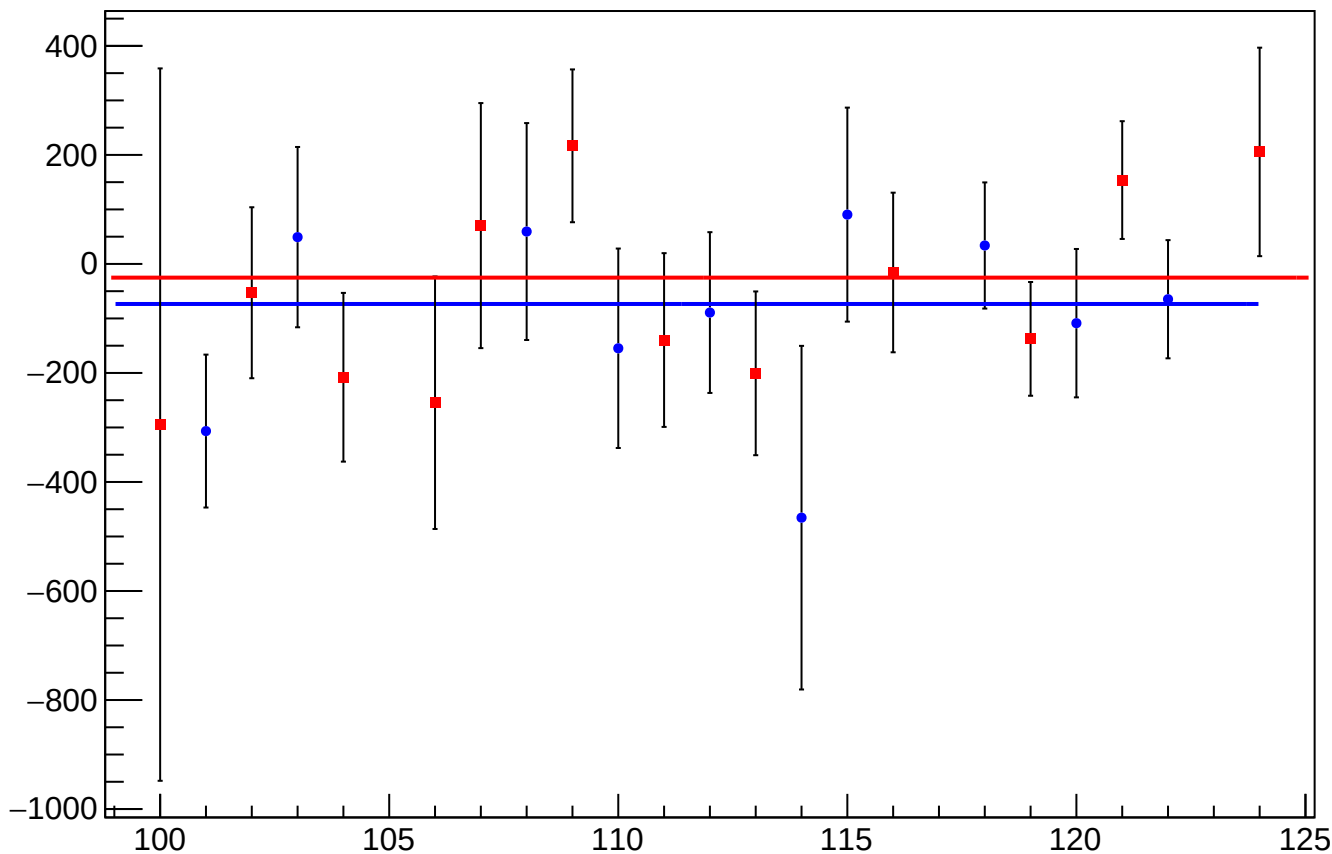
Right: 923.069+/-0.225 χ^2/NDF : 677702.7/21

In: 905.334+/-0.323 χ^2/NDF : 320040.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.069+/-0.225 χ^2/NDF : 677702.7/21

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -73.468 $\pm$ 47.768 χ^2 /NDF: 7.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.129 $\pm$ 44.310 χ^2 /NDF: 13.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

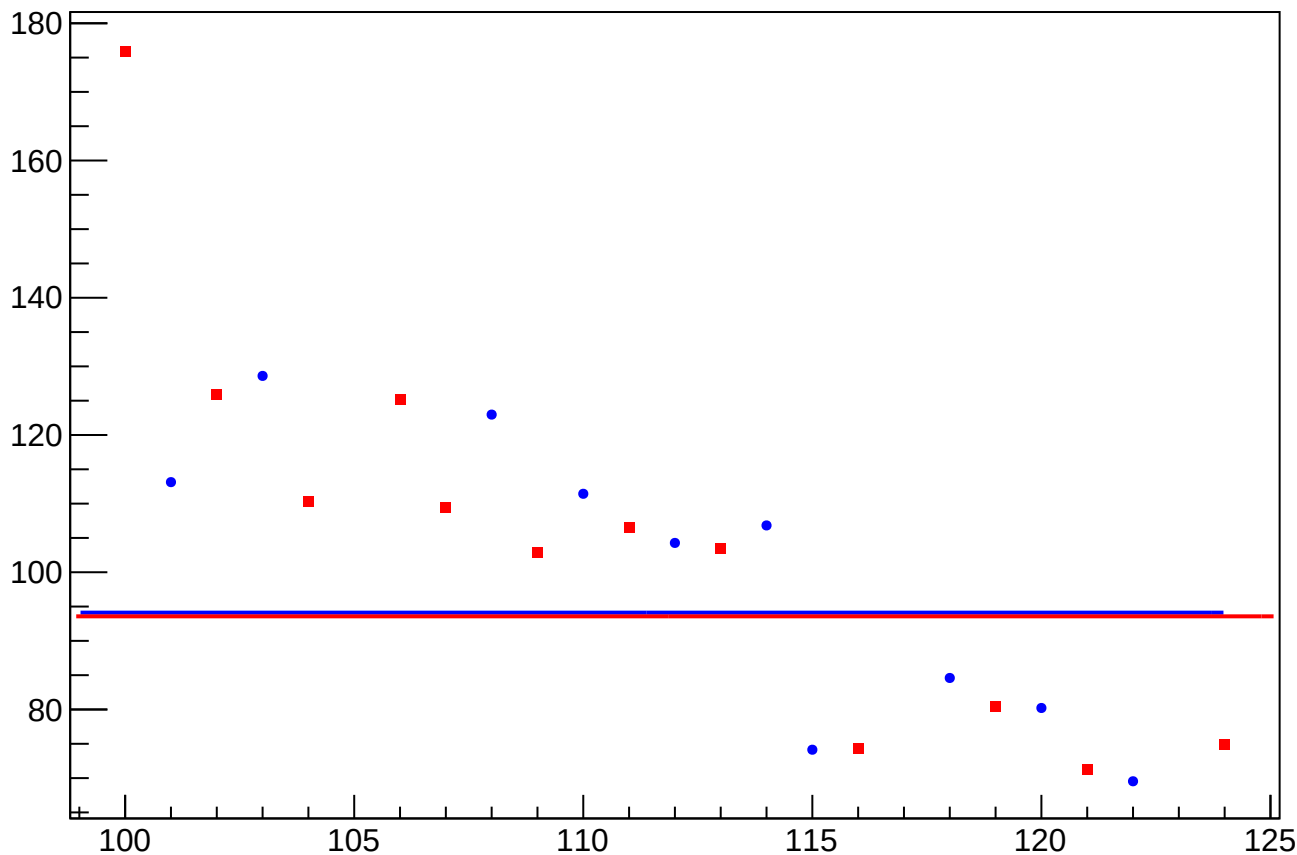
Right: -47.486 $\pm$ 32.486 χ^2 /NDF: 20.7/21

In: -73.468 $\pm$ 47.768 χ^2 /NDF:7.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.486 $\pm$ 32.486 χ^2 /NDF: 20.7/21

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 94.113+/-0.034 χ^2/NDF : 354367.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.574+/-0.031 χ^2/NDF : 388991.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

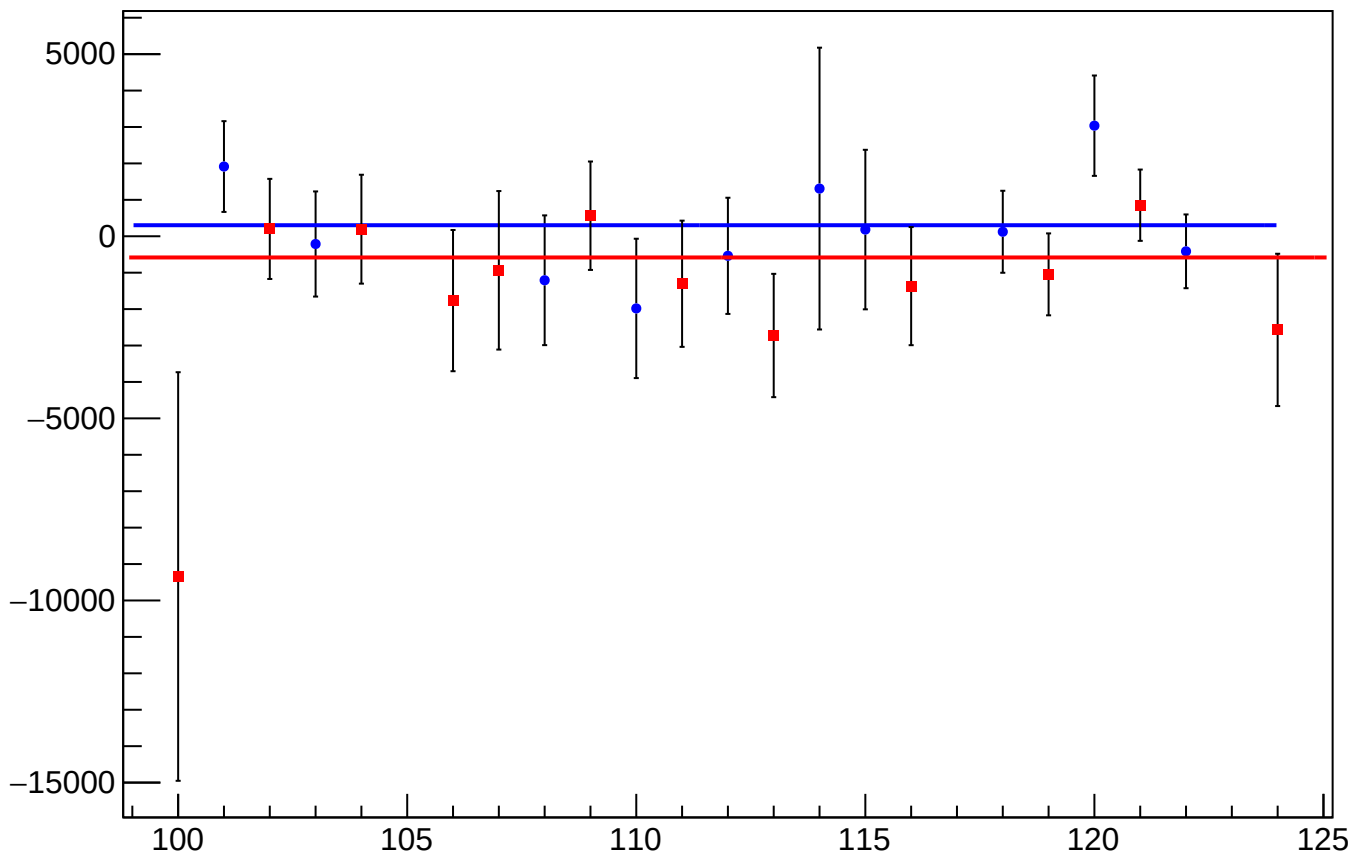
Right: 93.823+/-0.023 χ^2/NDF : 743495.3/21

In: 94.113+/-0.034 χ^2/NDF : 354367.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.823+/-0.023 χ^2/NDF : 743495.3/21

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 303.125+/-462.635 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -582.150+/-444.425 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

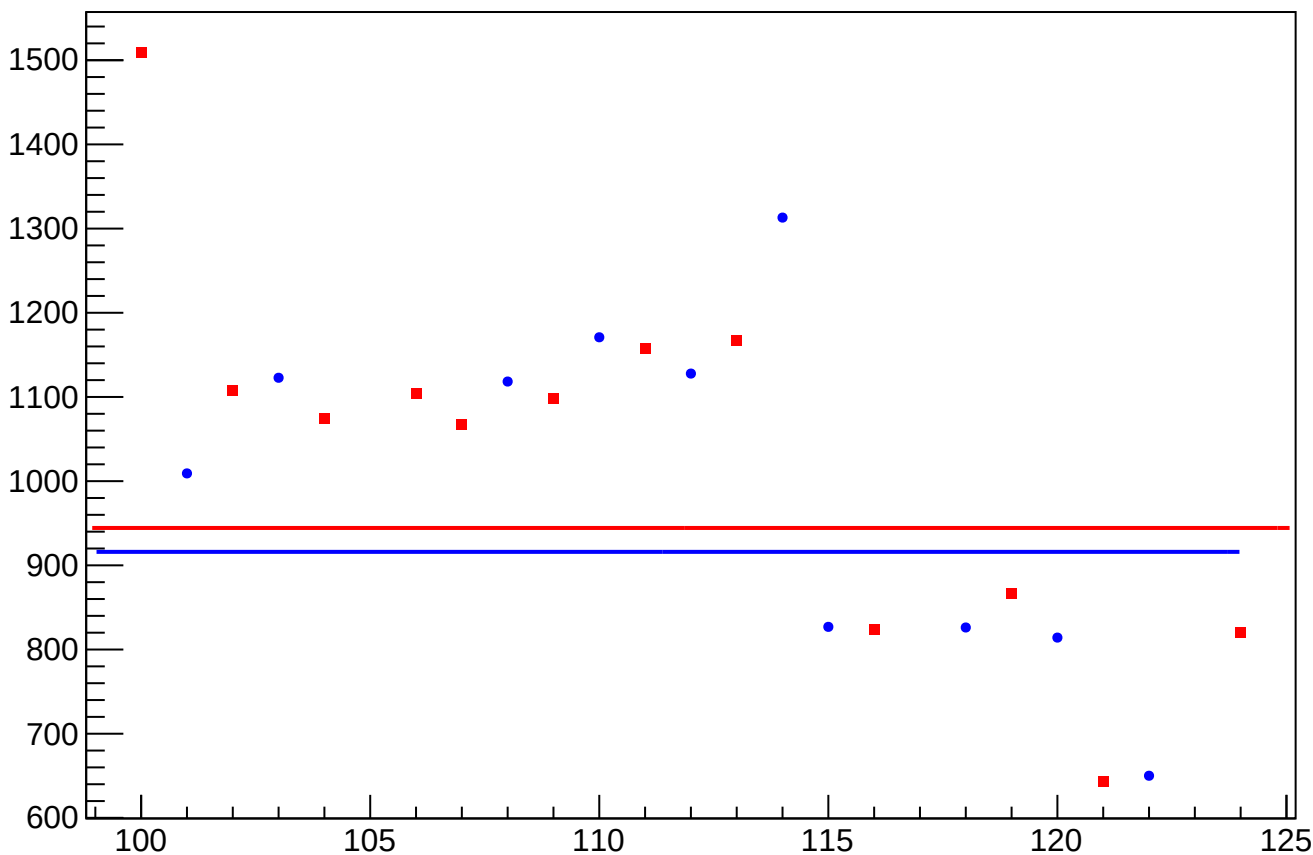
Right: -157.278+/-320.500 χ^2/NDF : 19.9/21

In: 303.125+/-462.635 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.278+/-320.500 χ^2/NDF : 19.9/21

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 916.011+/-0.327 χ^2/NDF : 334769.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 944.404+/-0.314 χ^2/NDF : 386465.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

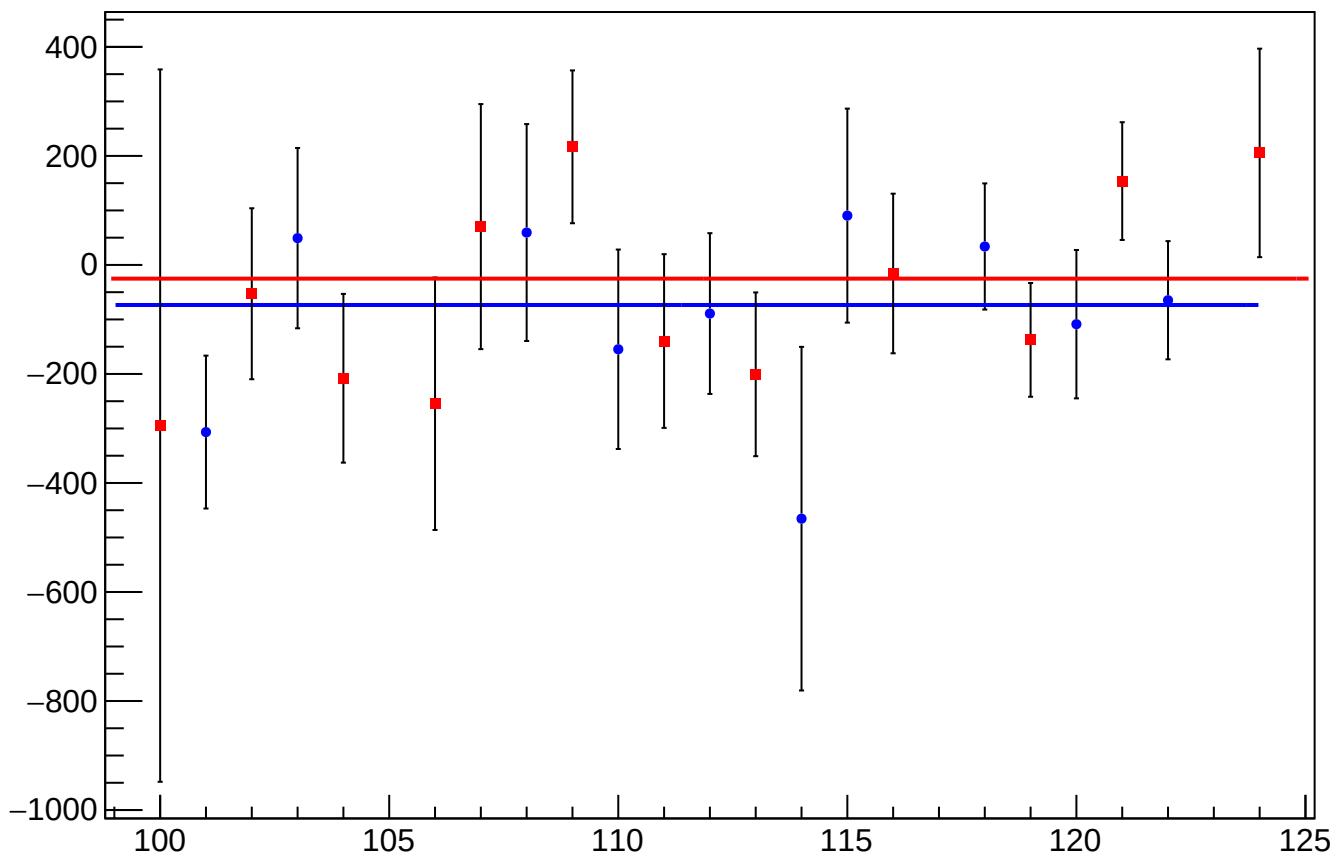
Right: 930.778+/-0.227 χ^2/NDF : 725152.8/21

In: 916.011+/-0.327 χ^2/NDF : 334769.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.778+/-0.227 χ^2/NDF : 725152.8/21

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -73.469 $\pm$ 47.768 χ^2 /NDF: 7.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.127 $\pm$ 44.310 χ^2 /NDF: 13.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

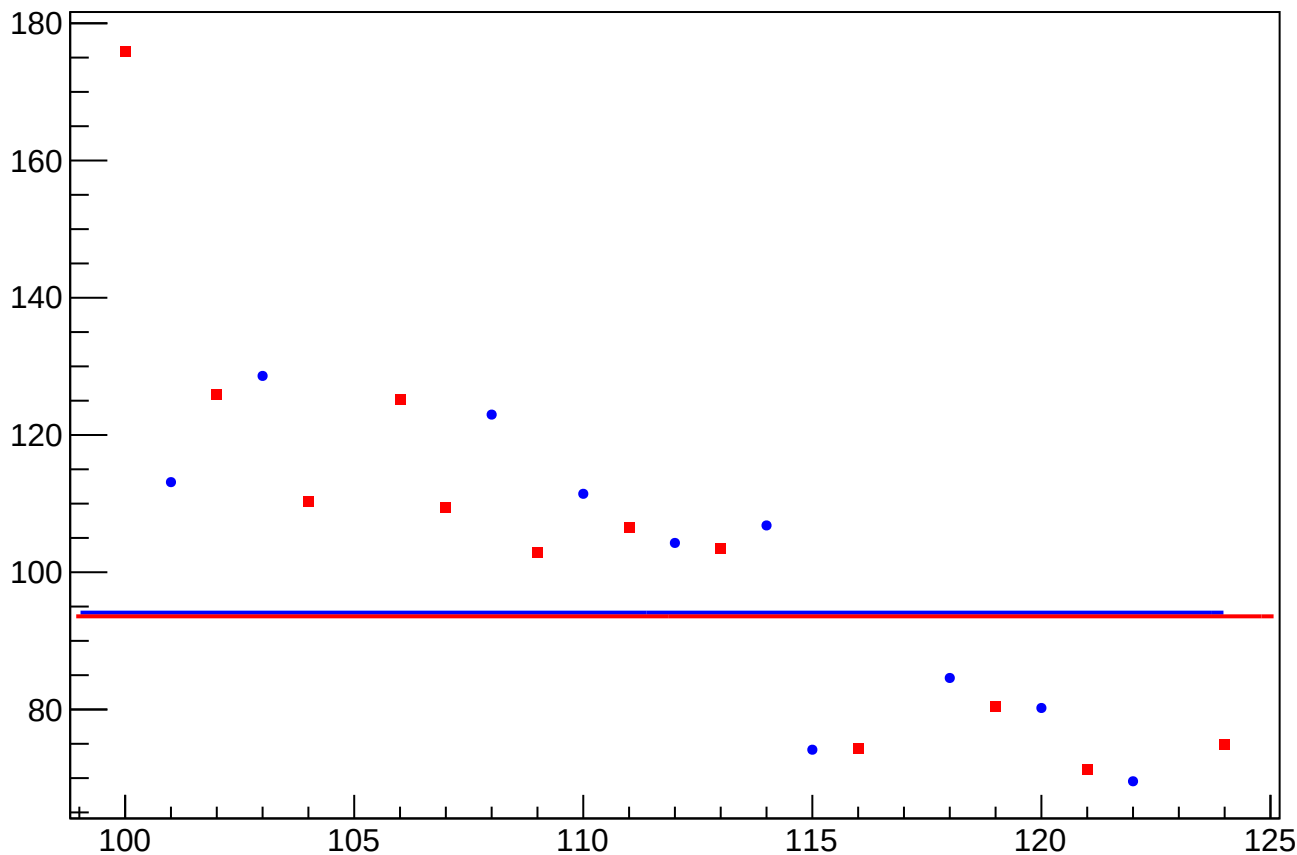
Right: -47.485 $\pm$ 32.486 χ^2 /NDF: 20.7/21

In: -73.469 $\pm$ 47.768 χ^2 /NDF:7.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.485 $\pm$ 32.486 χ^2 /NDF: 20.7/21

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 94.113+/-0.034 χ^2/NDF : 354354.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.574+/-0.031 χ^2/NDF : 388975.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

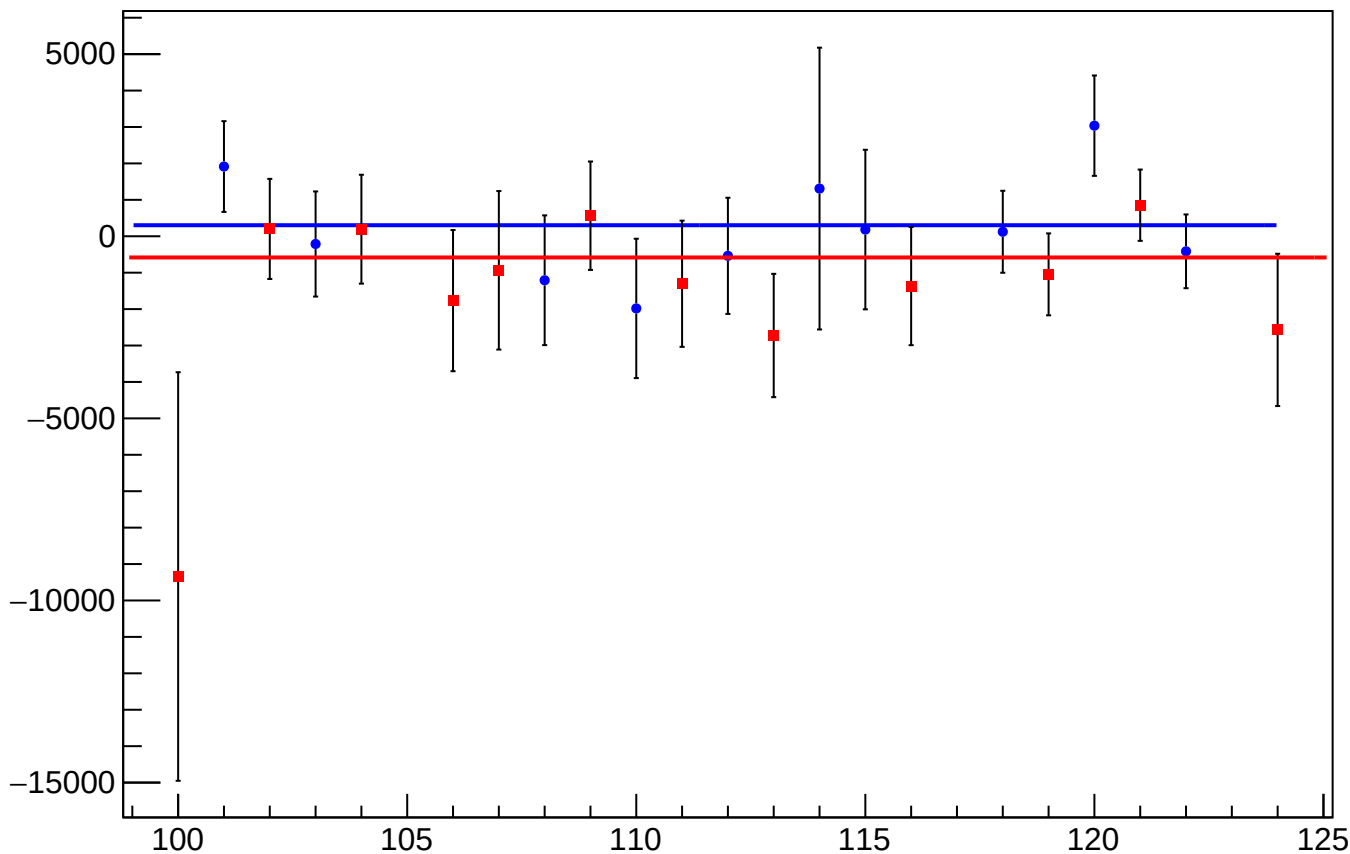
Right: 93.823+/-0.023 χ^2/NDF : 743466.7/21

In: 94.113+/-0.034 χ^2/NDF : 354354.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.823+/-0.023 χ^2/NDF : 743466.7/21

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 303.124+/-462.634 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -582.149+/-444.423 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

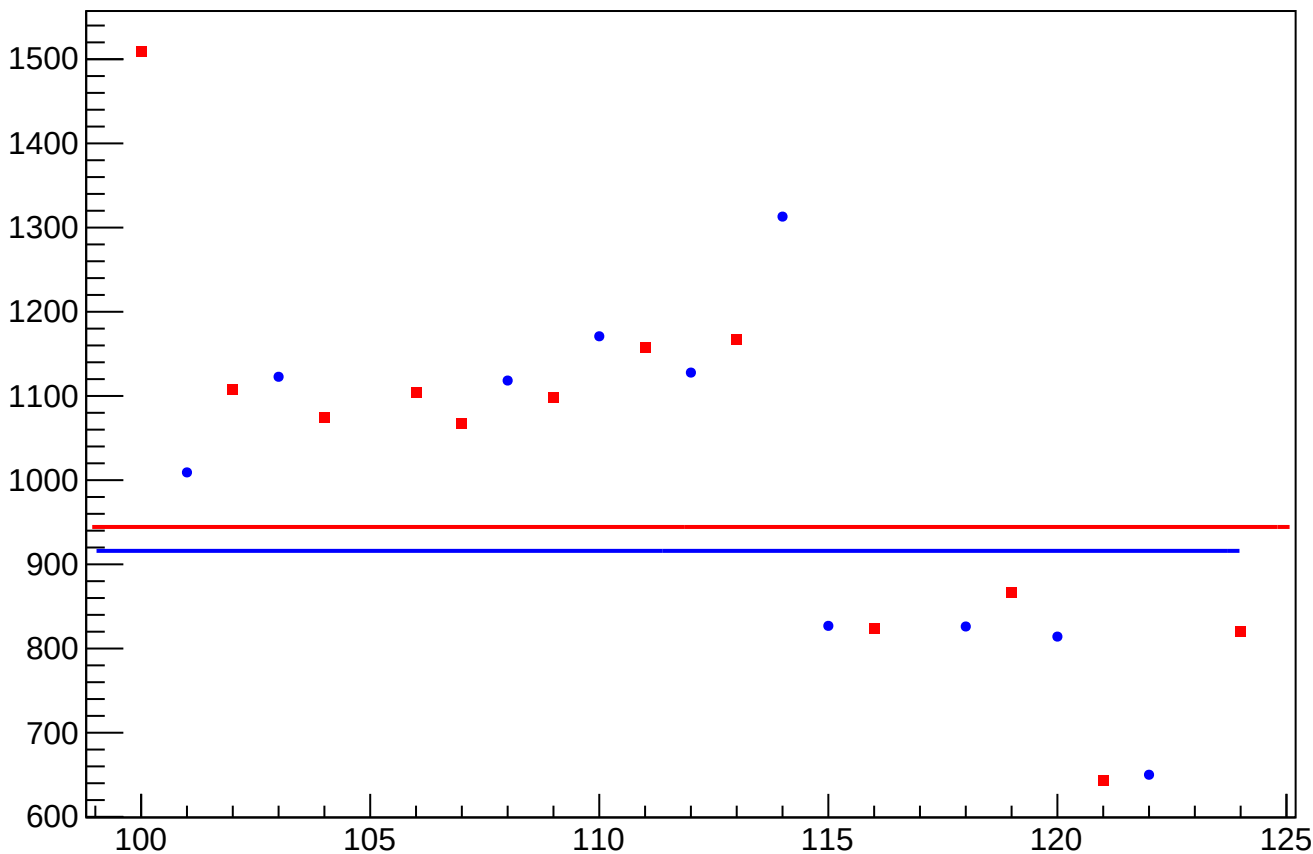
Right: -157.278+/-320.499 χ^2/NDF : 19.9/21

In: 303.124+/-462.634 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.278+/-320.499 χ^2/NDF : 19.9/21

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 916.010+/-0.327 χ^2/NDF : 334763.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 944.402+/-0.314 χ^2/NDF : 386460.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

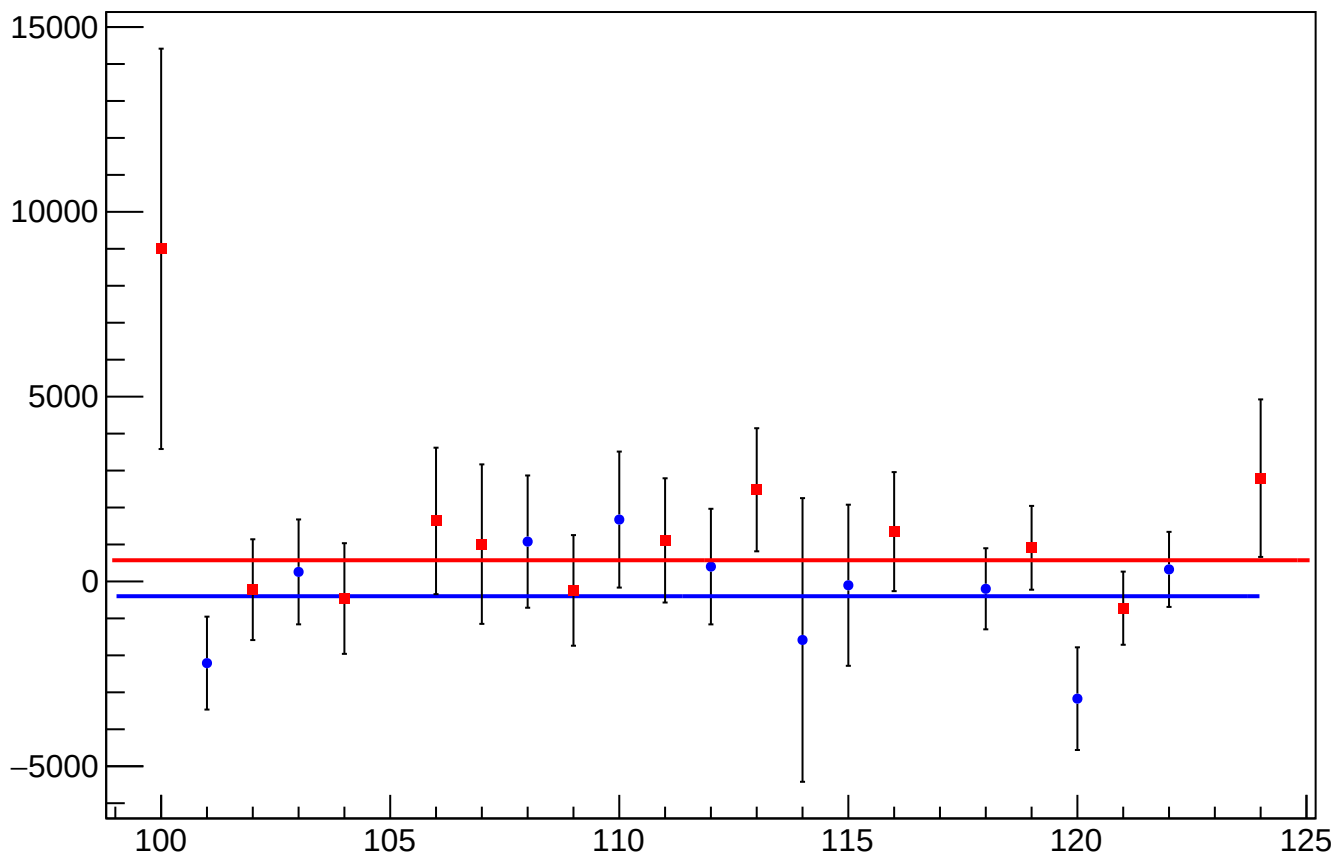
Right: 930.776+/-0.227 χ^2/NDF : 725141.6/21

In: 916.010+/-0.327 χ^2/NDF : 334763.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.776+/-0.227 χ^2/NDF : 725141.6/21

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -399.753+/-459.142 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 573.388+/-444.832 χ^2/NDF : 8.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

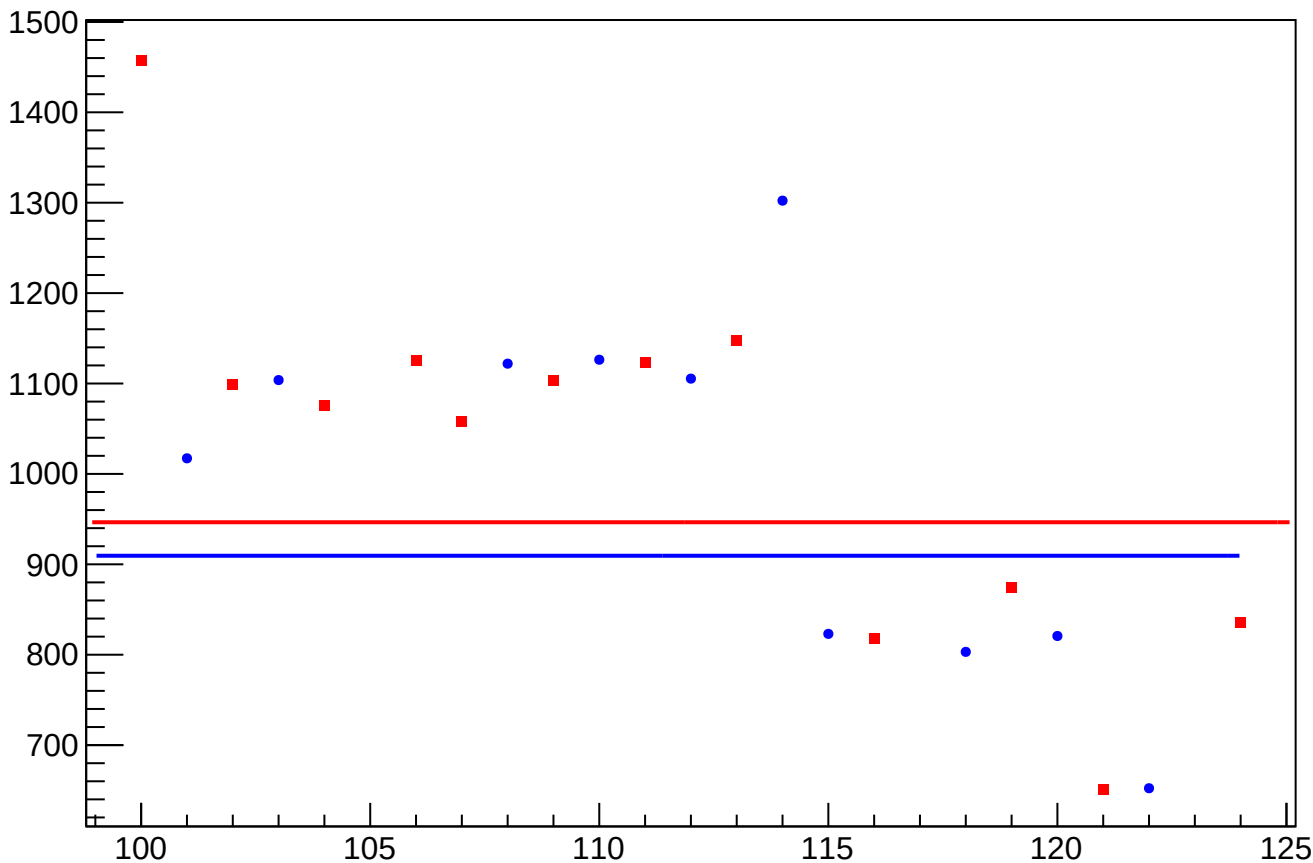
Right: 102.218+/-319.483 χ^2/NDF : 19.9/21

In: -399.753+/-459.142 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 102.218+/-319.483 χ^2/NDF : 19.9/21

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 909.476+/-0.325 χ^2/NDF : 318889.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.535+/-0.315 χ^2/NDF : 356975.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

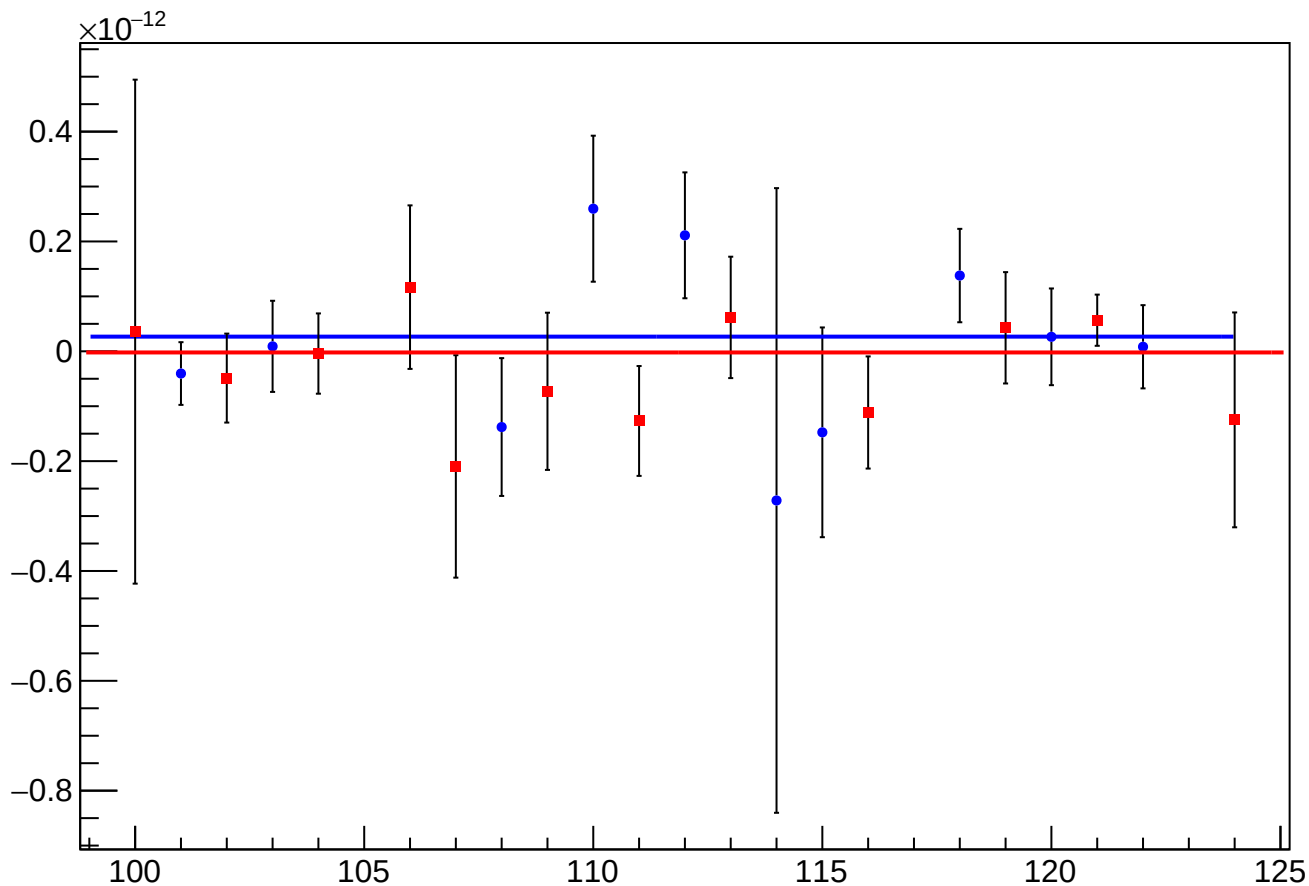
Right: 928.592+/-0.226 χ^2/NDF : 682585.8/21

In: 909.476+/-0.325 χ^2/NDF : 318889.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 928.592+/-0.226 χ^2/NDF : 682585.8/21

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

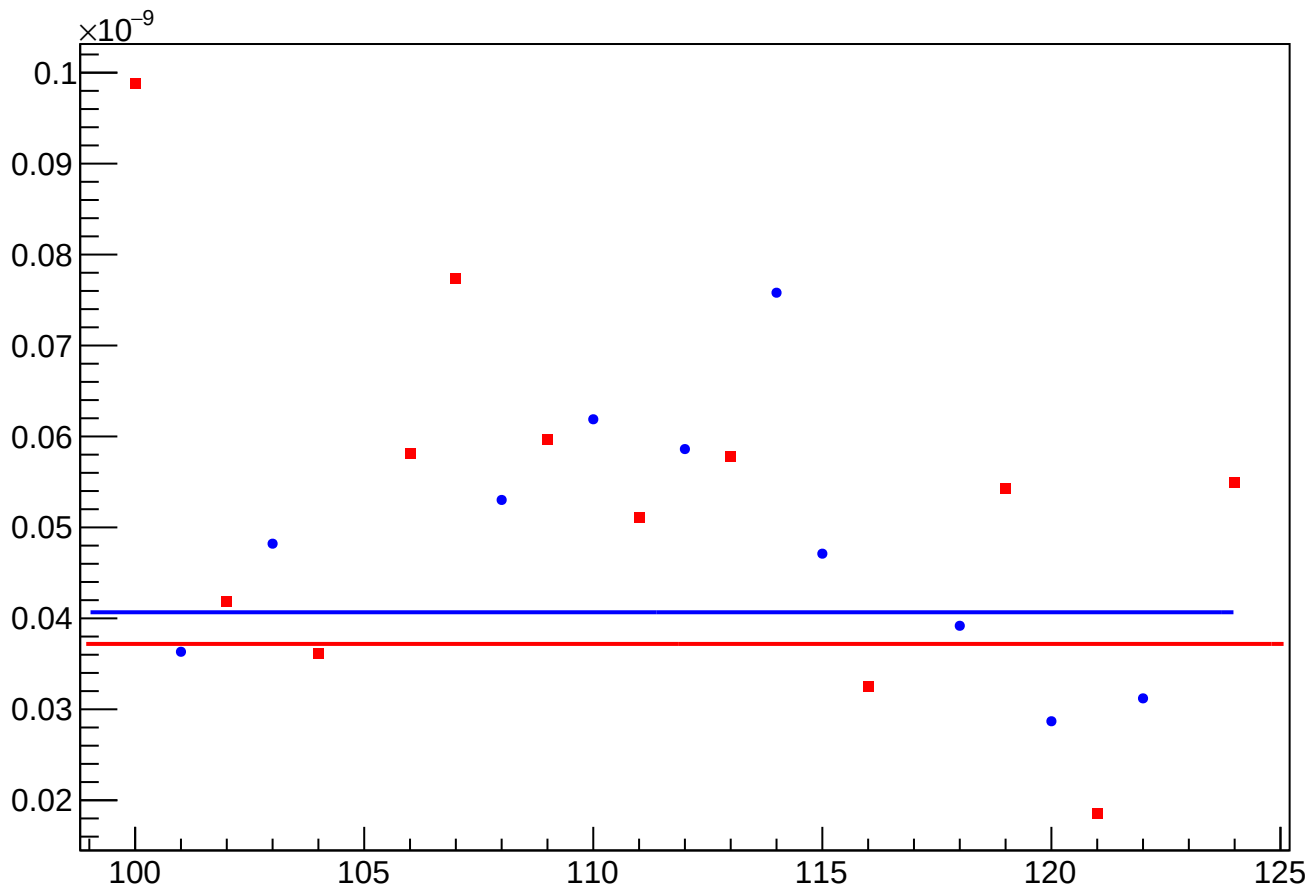
Right: 0.000+/-0.000 χ^2/NDF : 19.7/21

In: 0.000+/-0.000 χ^2/NDF : 11.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.7/21

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 226251.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 716997.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

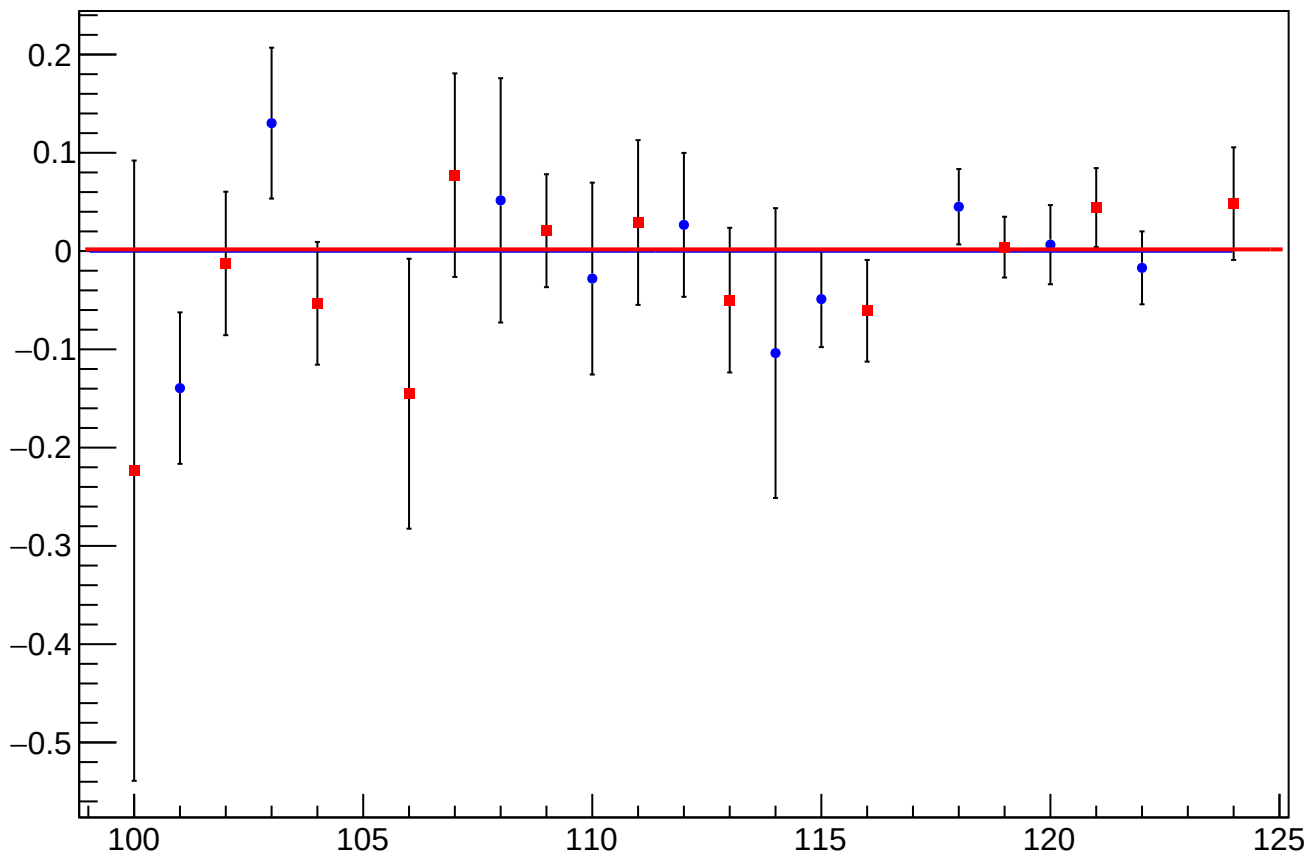
Right: 0.000+/-0.000 χ^2/NDF : 957951.7/21

In: 0.000+/-0.000 χ^2/NDF : 226251.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 957951.7/21

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.018 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.017 χ^2 /NDF: 6.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

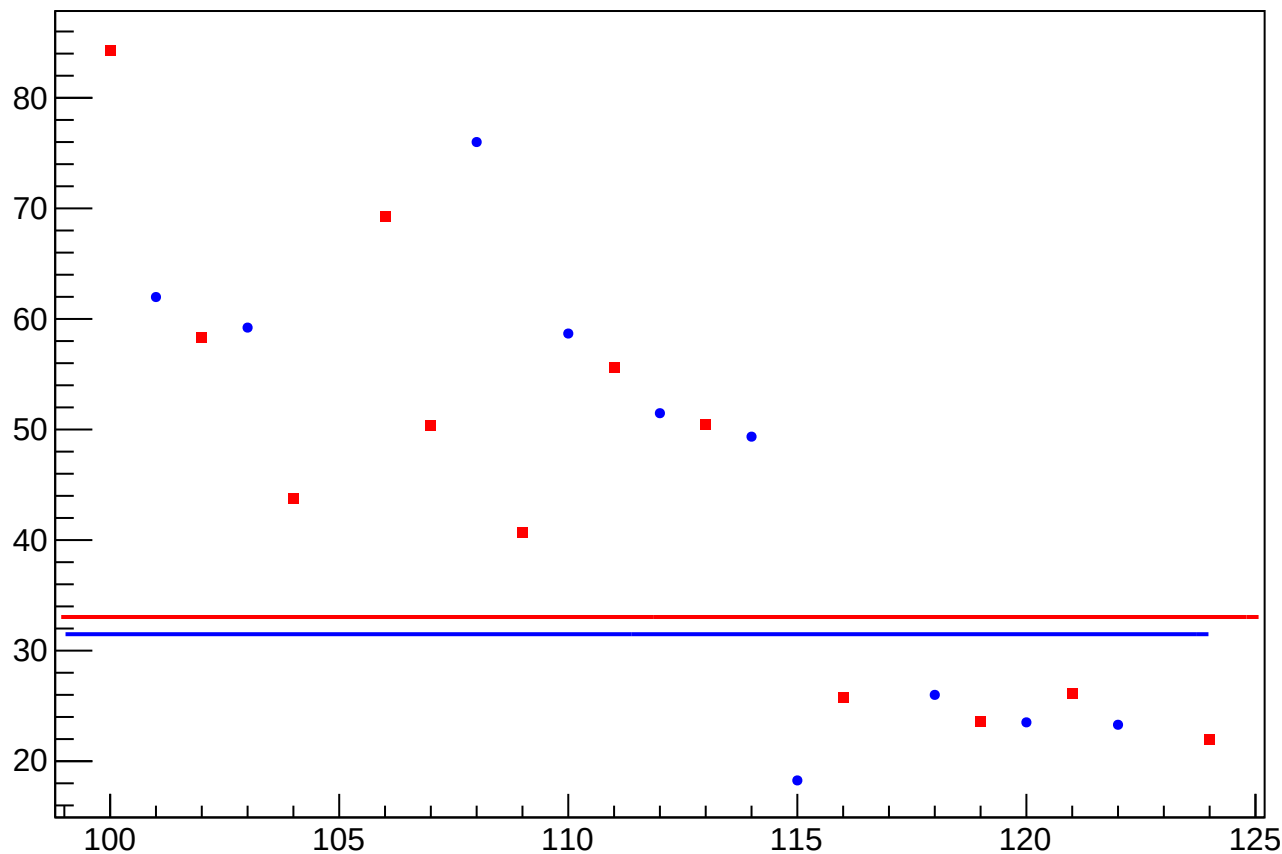
Right: 0.001 $\pm$ 0.012 χ^2 /NDF: 16.6/21

In: 0.000 $\pm$ 0.018 χ^2 /NDF:9.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.012 χ^2 /NDF: 16.6/21

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.486+/-0.013 χ^2/NDF : 1527416.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.042+/-0.012 χ^2/NDF : 1198735.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

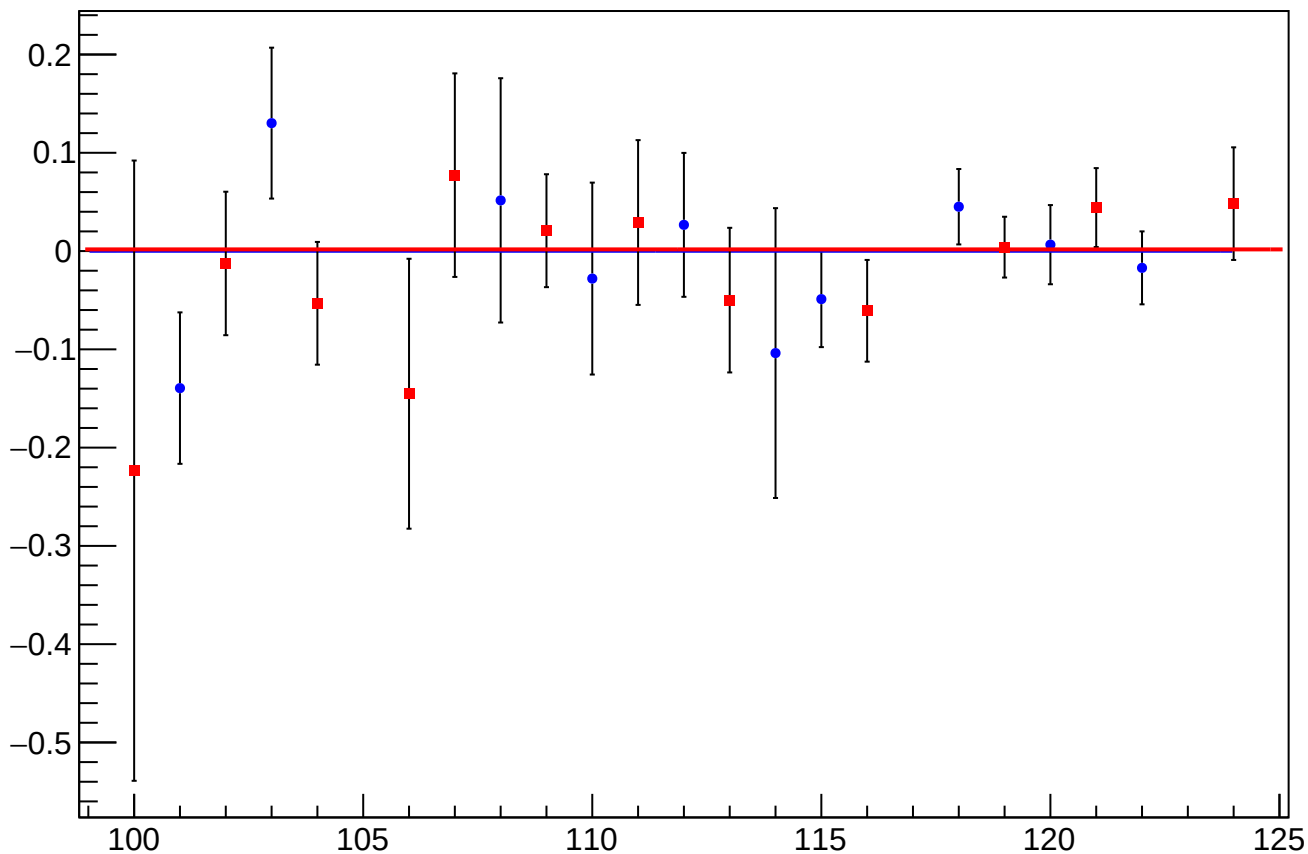
Right: 32.310+/-0.009 χ^2/NDF : 2734303.2/21

In: 31.486+/-0.013 χ^2/NDF : 1527416.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.310+/-0.009 χ^2/NDF : 2734303.2/21

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.018 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.017 χ^2 /NDF: 6.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

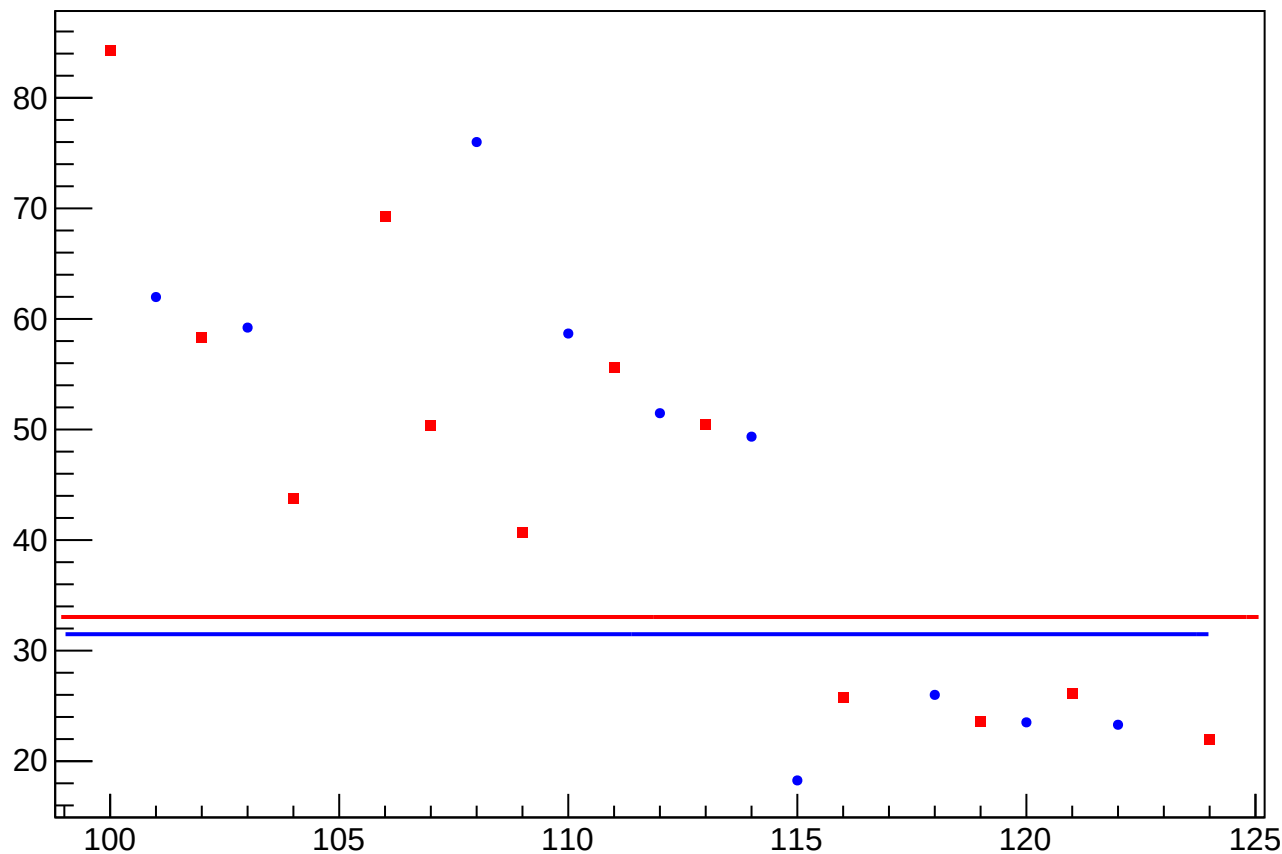
Right: 0.001 $\pm$ 0.012 χ^2 /NDF: 16.6/21

In: 0.000 $\pm$ 0.018 χ^2 /NDF:9.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.012 χ^2 /NDF: 16.6/21

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.486+/-0.013 χ^2/NDF : 1527416.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.042+/-0.012 χ^2/NDF : 1198735.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

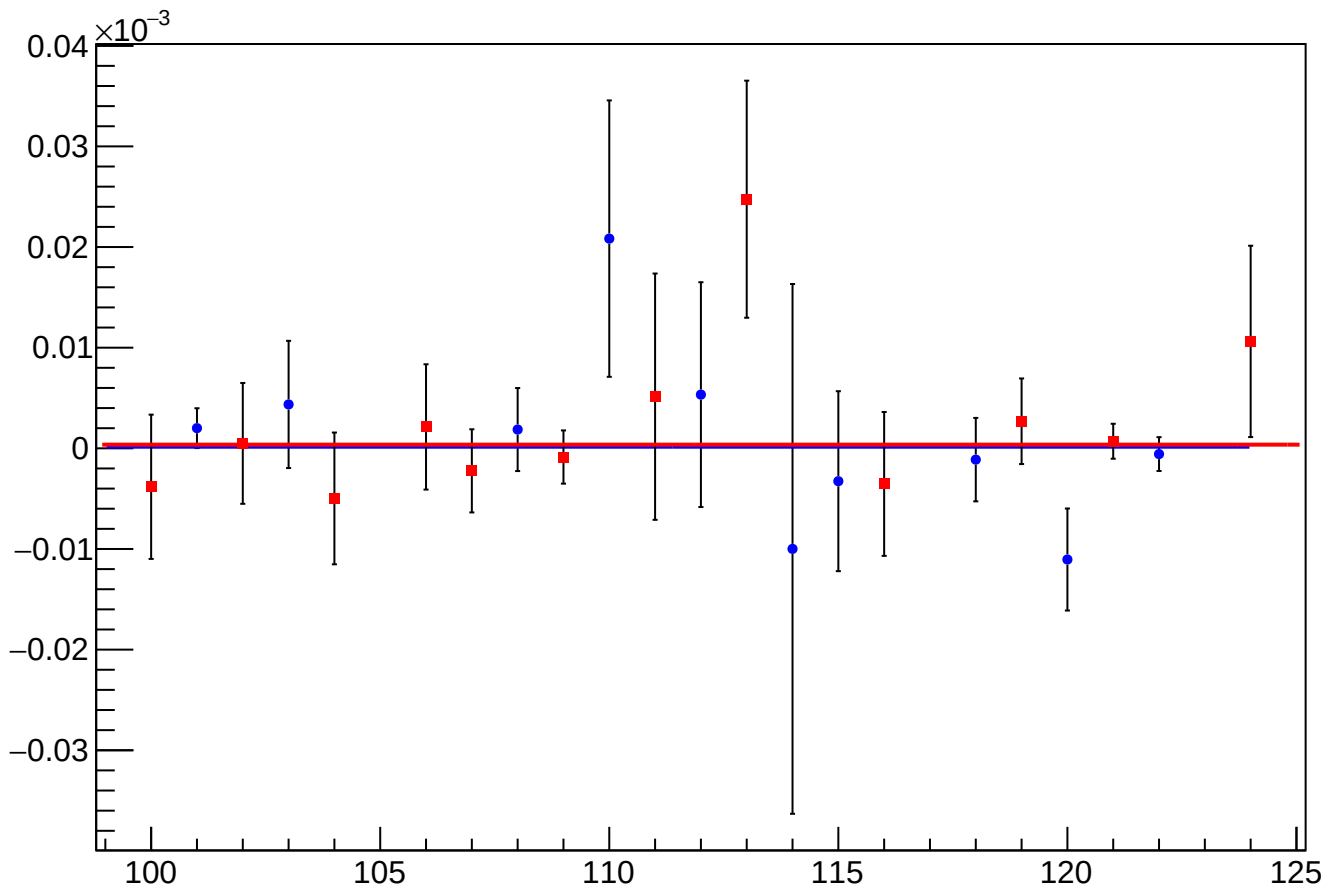
Right: 32.310+/-0.009 χ^2/NDF : 2734303.2/21

In: 31.486+/-0.013 χ^2/NDF : 1527416.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.310+/-0.009 χ^2/NDF : 2734303.2/21

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

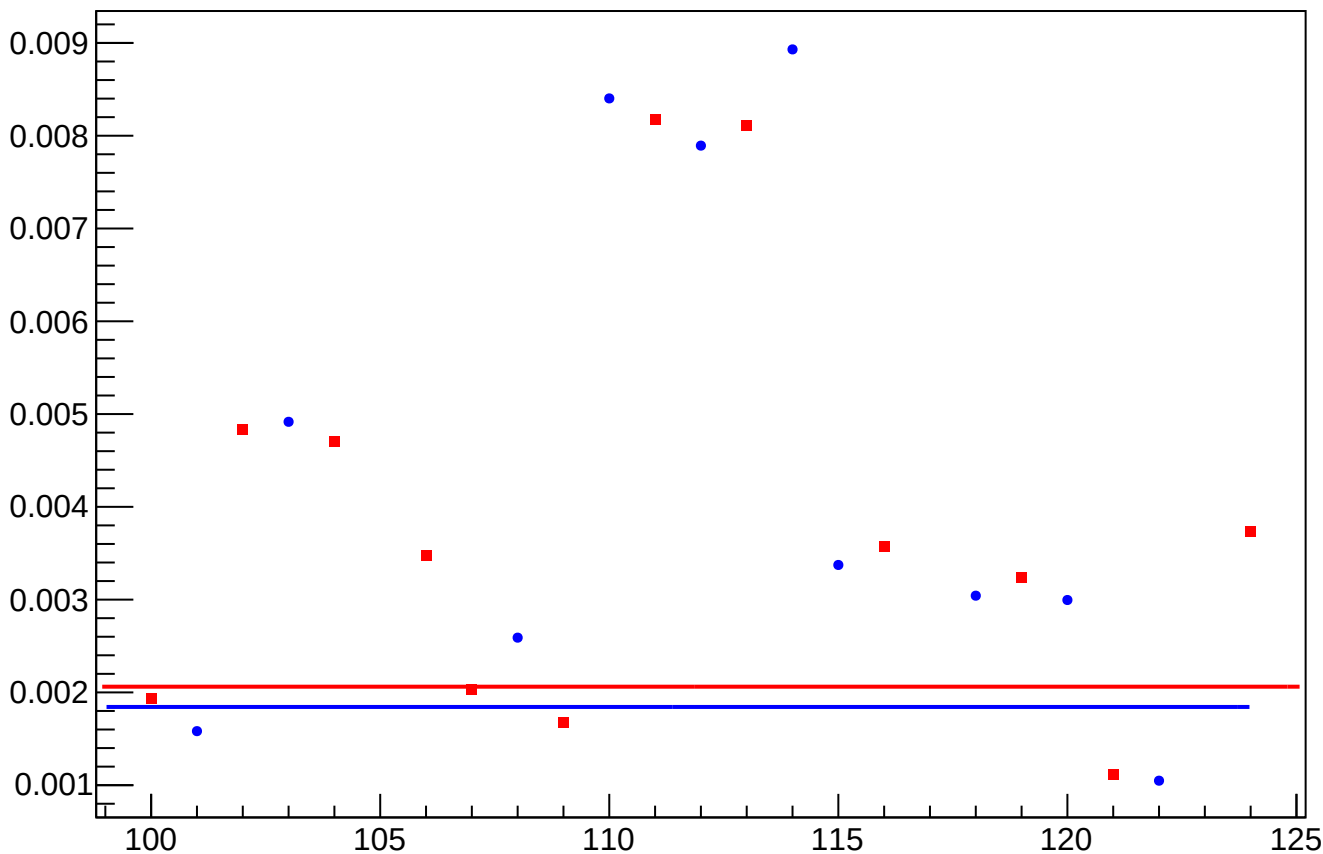
Right: 0.000+/-0.000 χ^2/NDF : 17.4/21

In: 0.000+/-0.000 χ^2/NDF : 9.4/9

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_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2538551.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2819387.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

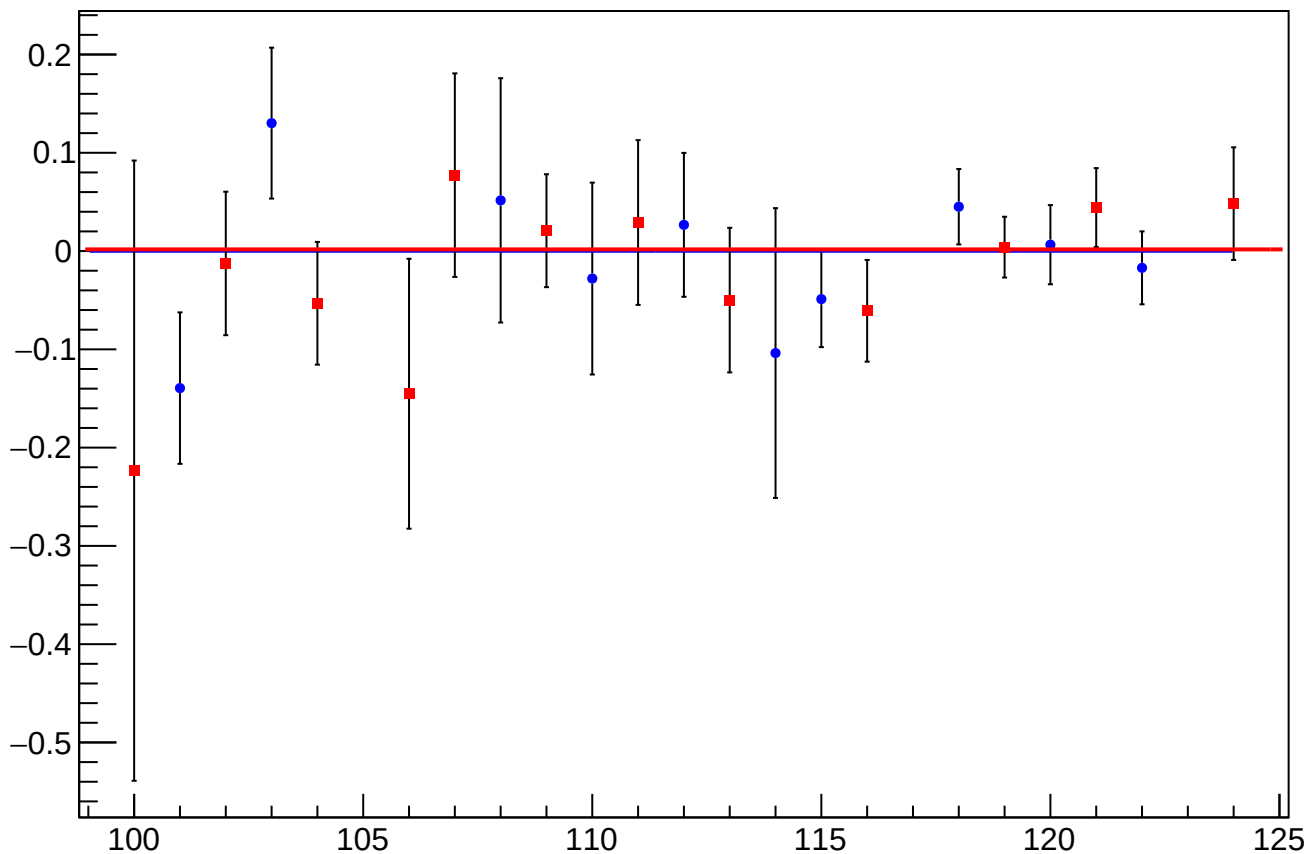
Right: 0.002+/-0.000 χ^2/NDF : 5394716.3/21

In: 0.002+/-0.000 χ^2/NDF :2538551.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5394716.3/21

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.018 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.017 χ^2/NDF : 6.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

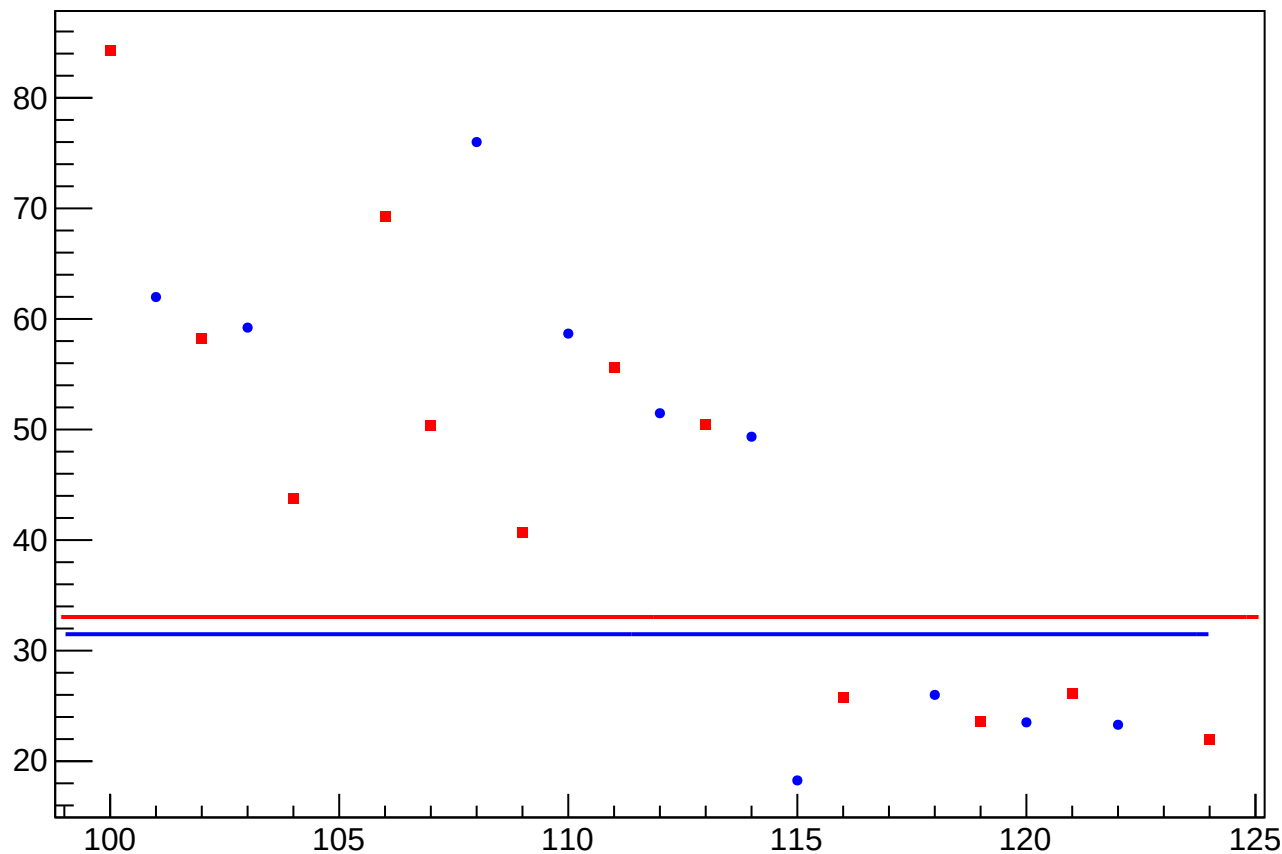
Right: 0.001+/-0.012 χ^2/NDF : 16.6/21

In: 0.000+/-0.018 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.012 χ^2/NDF : 16.6/21

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.487+/-0.013 χ^2/NDF : 1527272.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.043+/-0.012 χ^2/NDF : 1198602.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

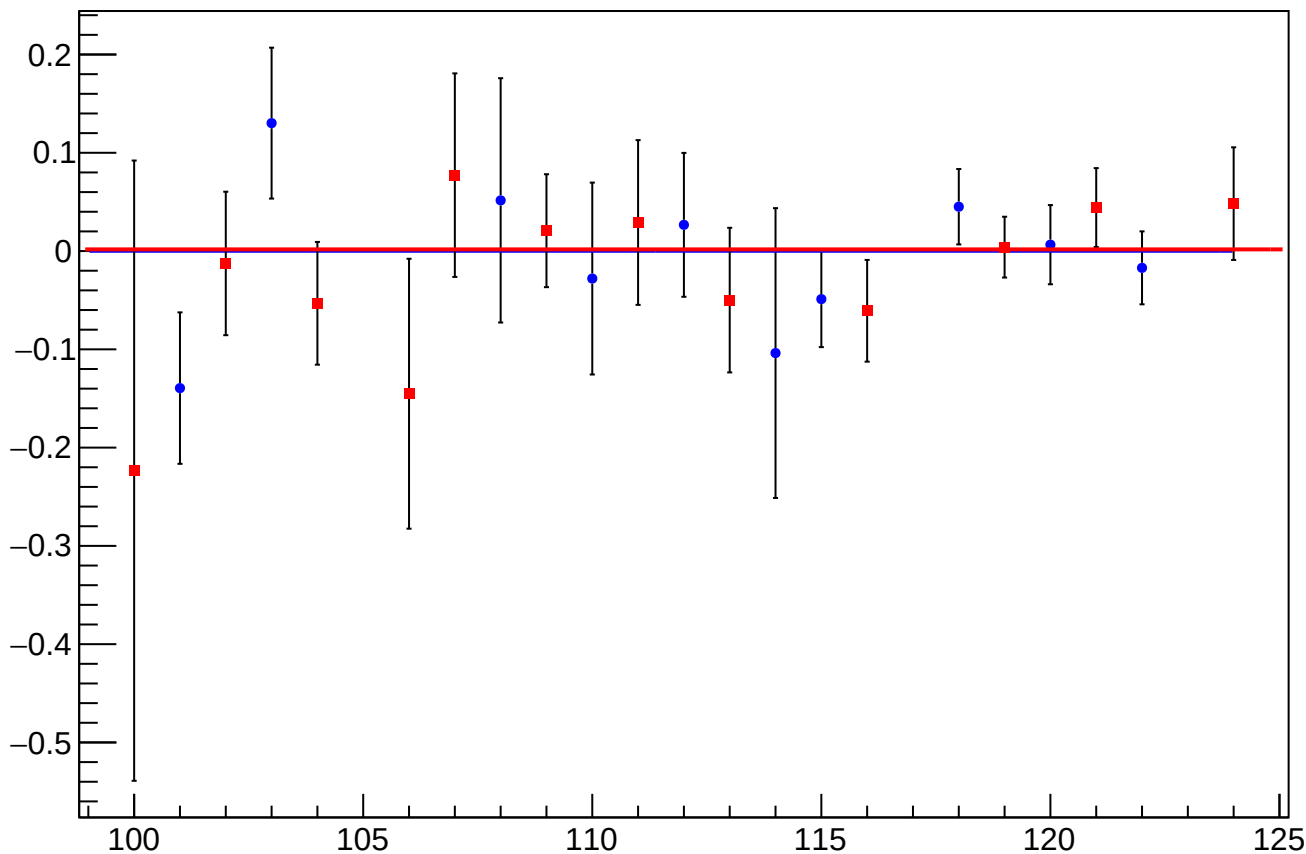
Right: 32.310+/-0.009 χ^2/NDF : 2734022.9/21

In: 31.487+/-0.013 χ^2/NDF : 1527272.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.310+/-0.009 χ^2/NDF : 2734022.9/21

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.018 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.017 χ^2/NDF : 6.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

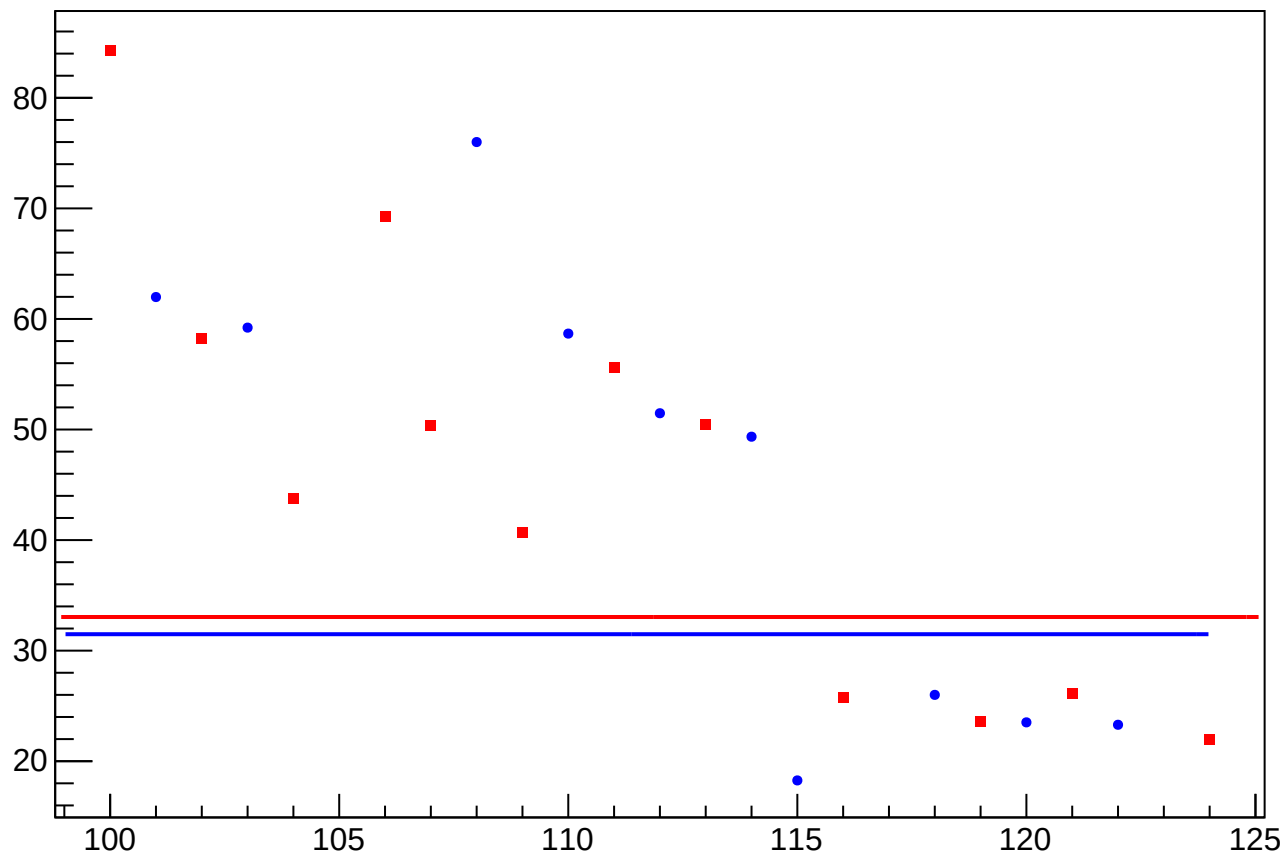
Right: 0.001+/-0.012 χ^2/NDF : 16.6/21

In: 0.000+/-0.018 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.012 χ^2/NDF : 16.6/21

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.487+/-0.013 χ^2/NDF : 1527272.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.043+/-0.012 χ^2/NDF : 1198602.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

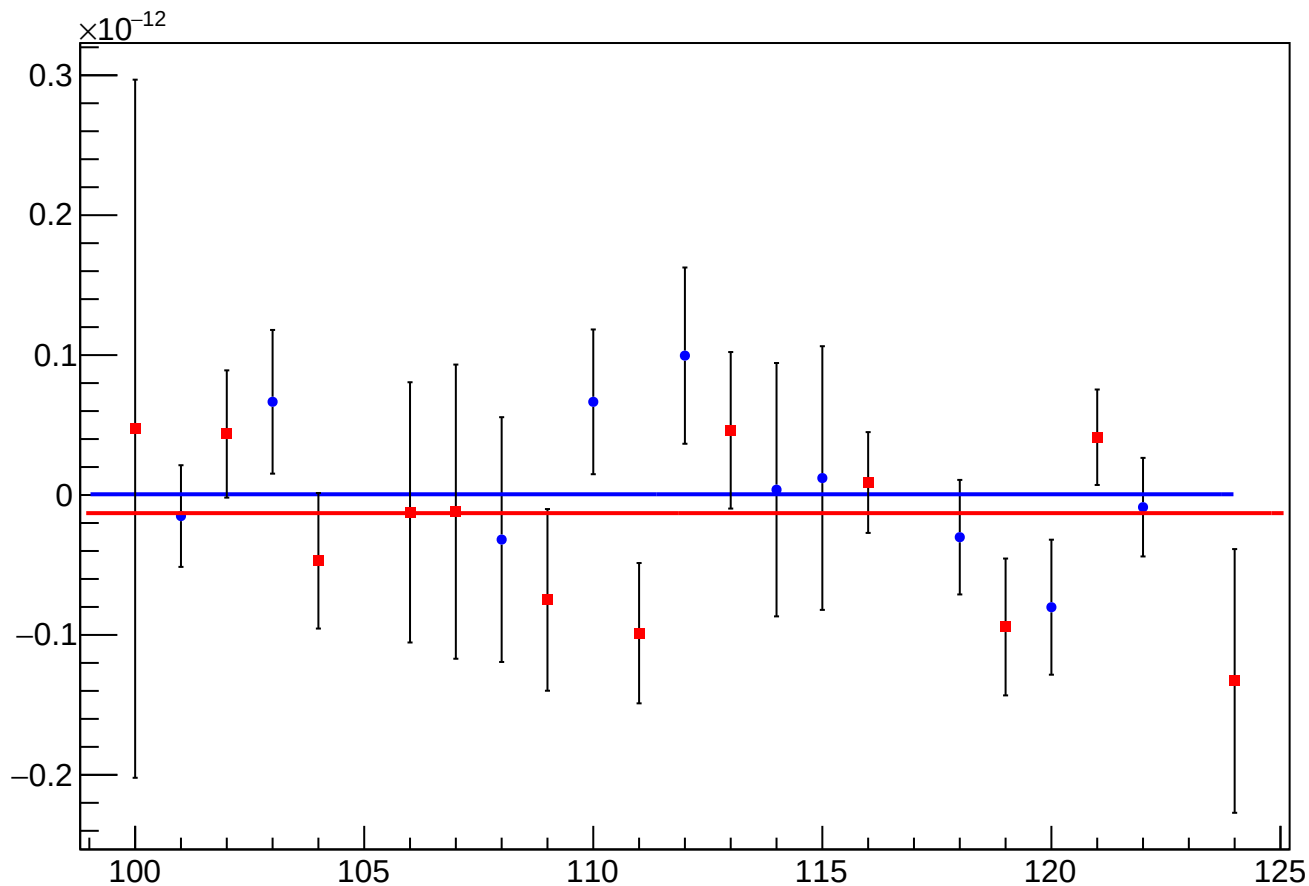
Right: 32.310+/-0.009 χ^2/NDF : 2734022.9/21

In: 31.487+/-0.013 χ^2/NDF : 1527272.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.310+/-0.009 χ^2/NDF : 2734022.9/21

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

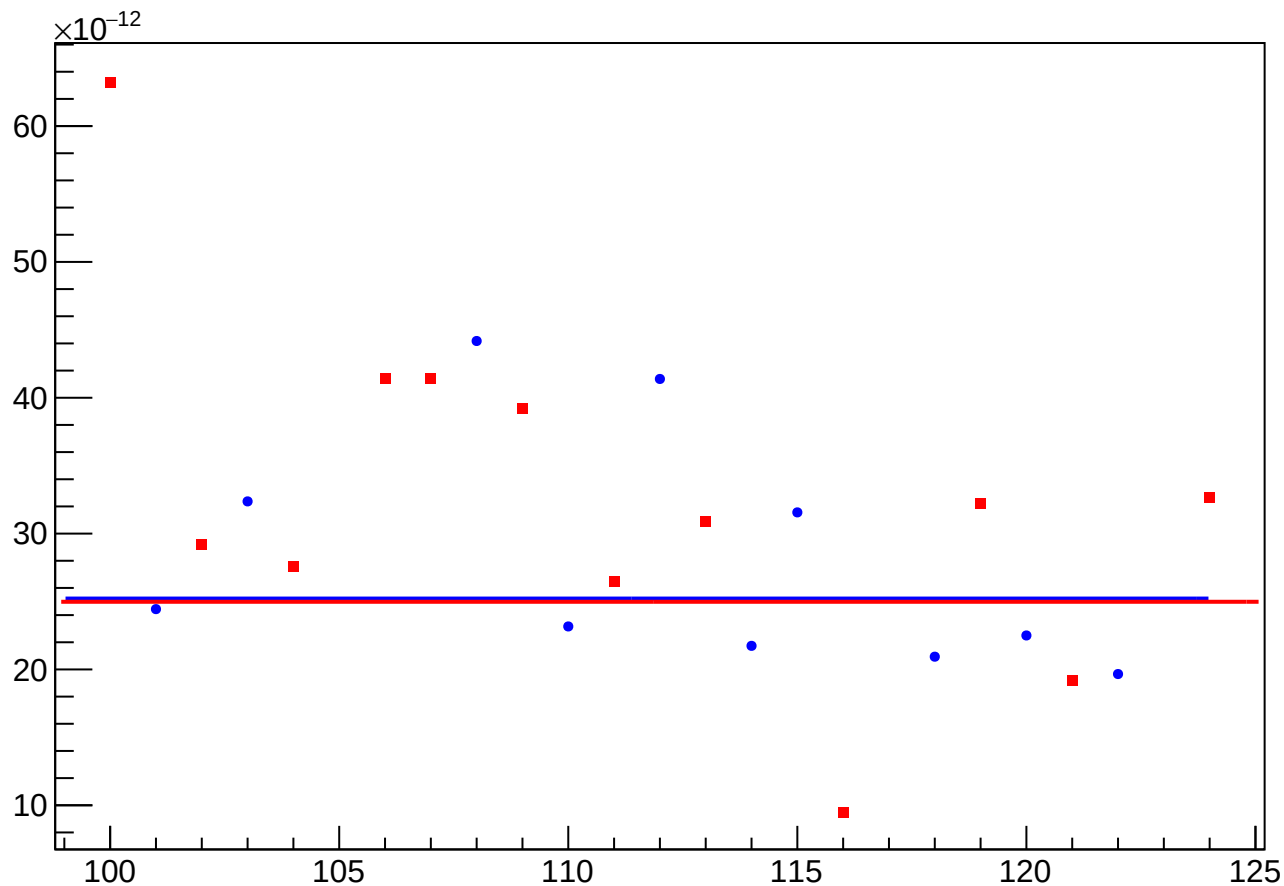
Right: -0.000+/-0.000 χ^2/NDF : 24.2/21

In: 0.000+/-0.000 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.2/21

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 358590.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 788050.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

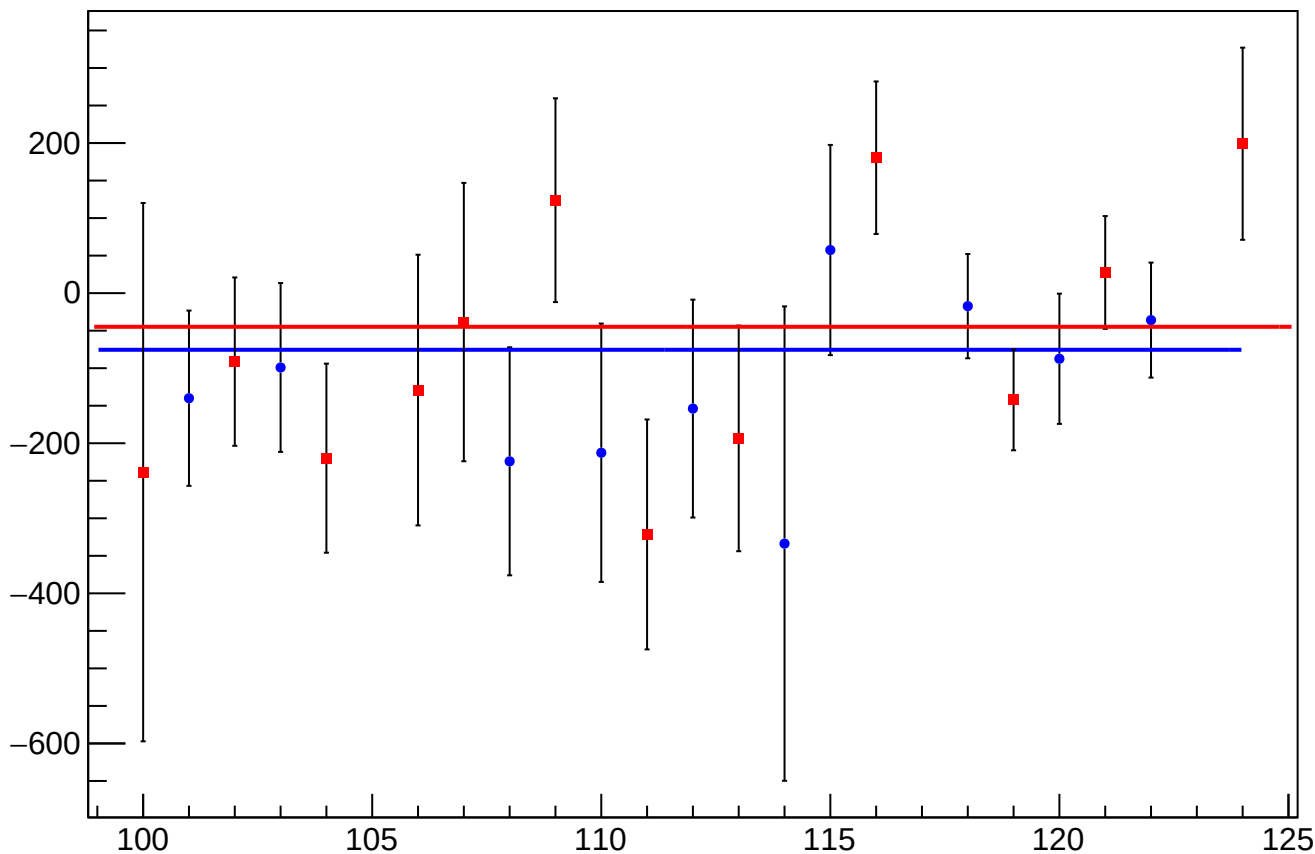
Right: 0.000+/-0.000 χ^2/NDF : 1146871.2/21

In: 0.000+/-0.000 χ^2/NDF : 358590.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1146871.2/21

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -75.470+/-34.332 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.836+/-33.174 χ^2/NDF : 20.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

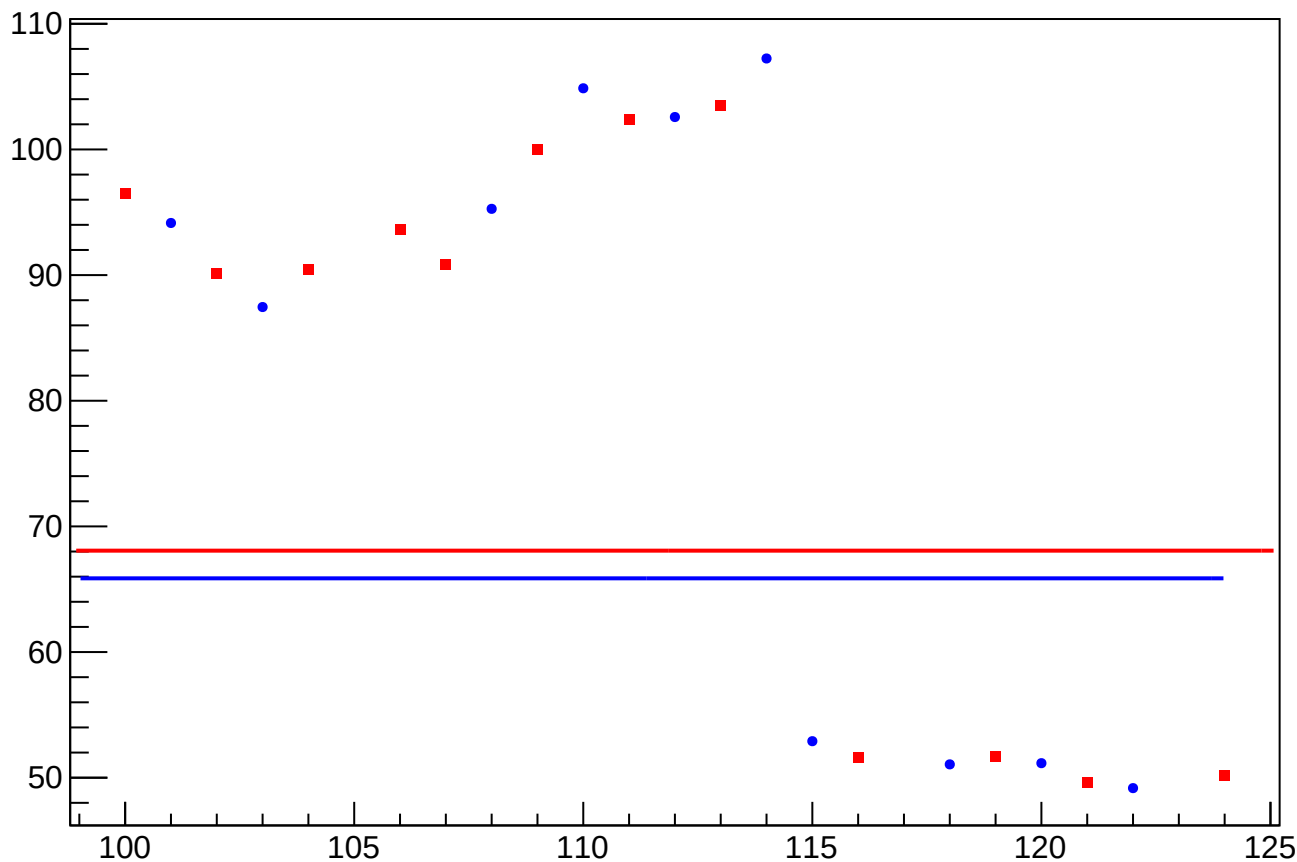
Right: -59.628+/-23.857 χ^2/NDF : 25.2/21

In: -75.470+/-34.332 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.628+/-23.857 χ^2/NDF : 25.2/21

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.867+/-0.024 χ^2/NDF : 791325.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.070+/-0.023 χ^2/NDF : 877251.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

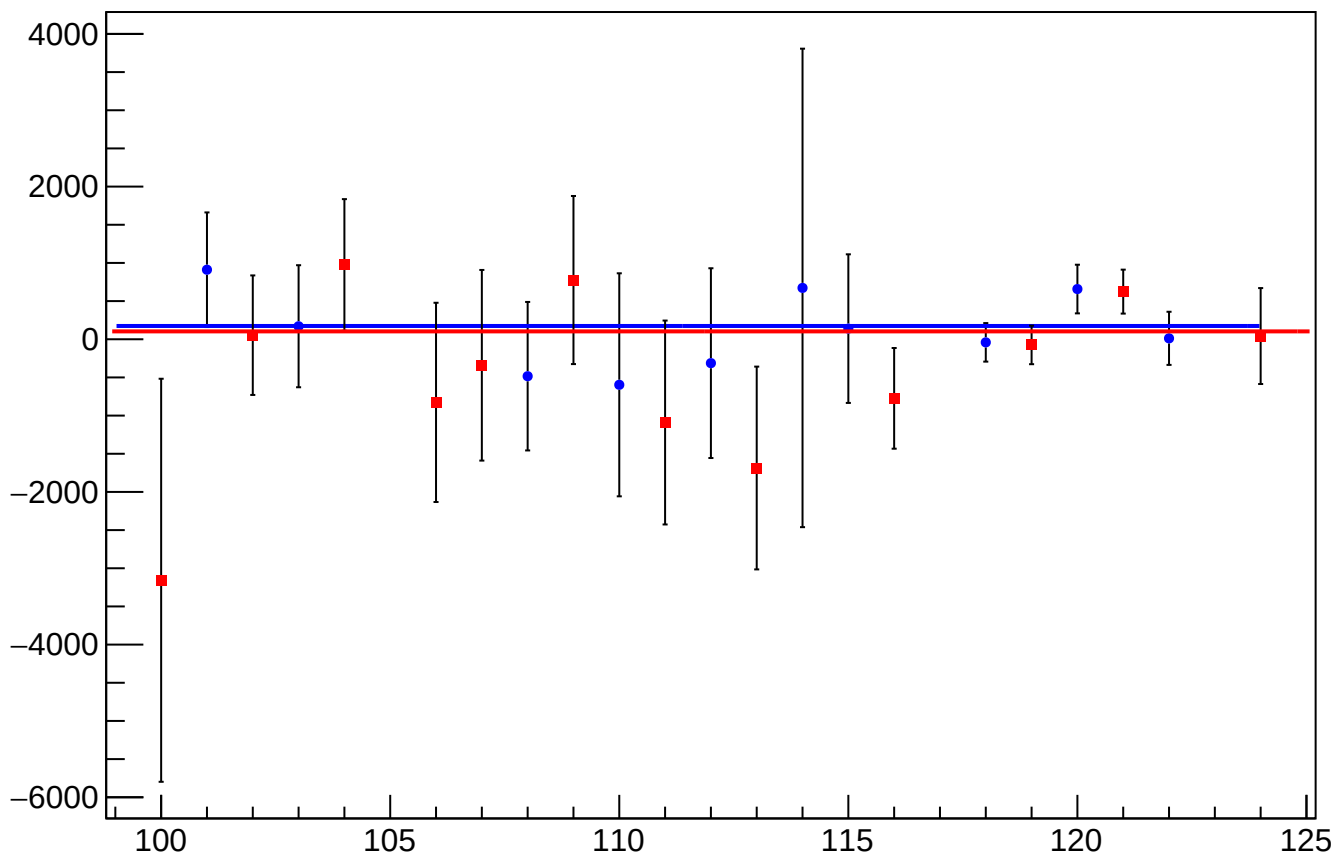
Right: 67.006+/-0.017 χ^2/NDF : 1672836.0/21

In: 65.867+/-0.024 χ^2/NDF : 791325.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.006+/-0.017 χ^2/NDF : 1672836.0/21

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 174.111 $\pm$ 157.187 χ^2 /NDF: 5.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.153 $\pm$ 160.406 χ^2 /NDF: 11.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

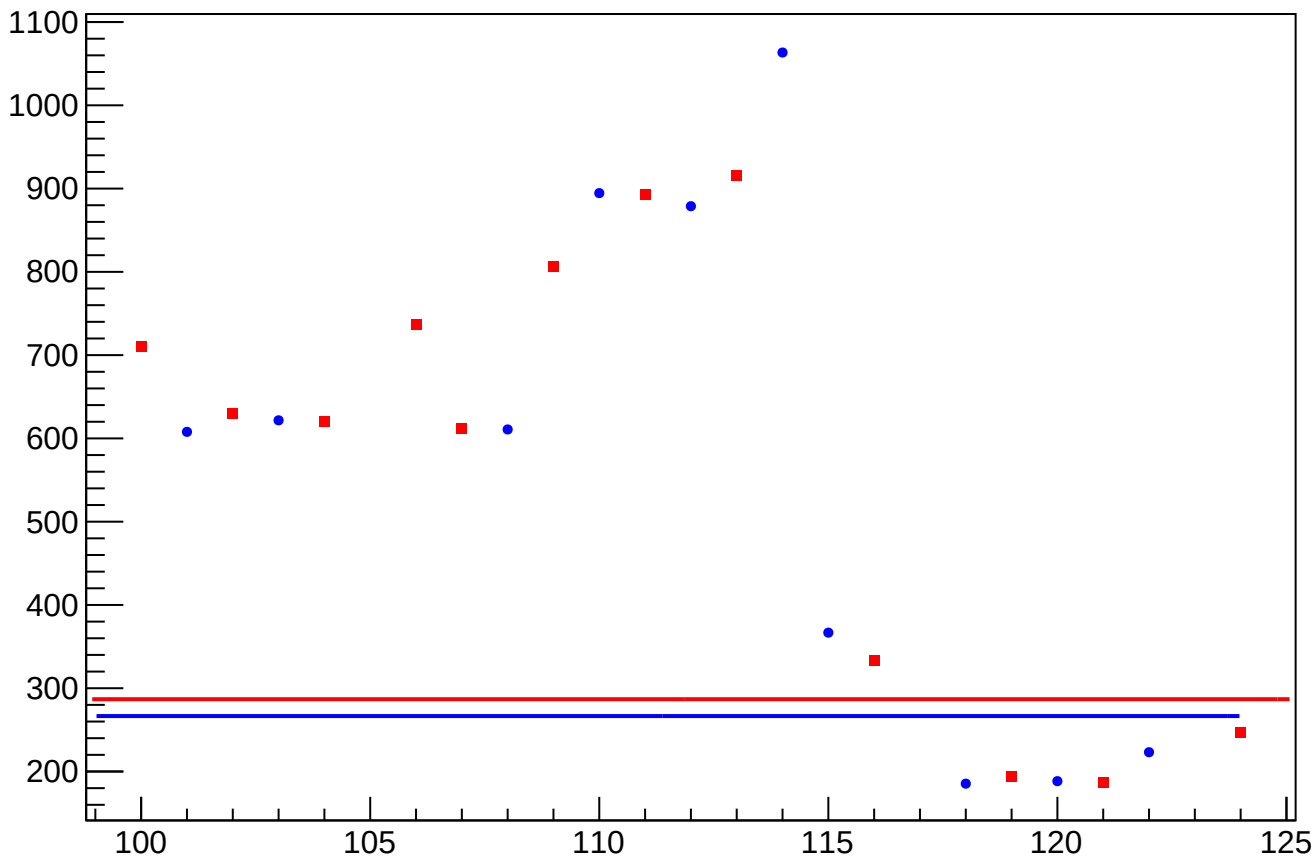
Right: 139.351 $\pm$ 112.269 χ^2 /NDF: 16.9/21

In: 174.111 $\pm$ 157.187 χ^2 /NDF:5.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 139.351 $\pm$ 112.269 χ^2 /NDF: 16.9/21

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 266.584 ± 0.111 χ^2/NDF : 2422106.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 286.835 ± 0.113 χ^2/NDF : 2947108.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

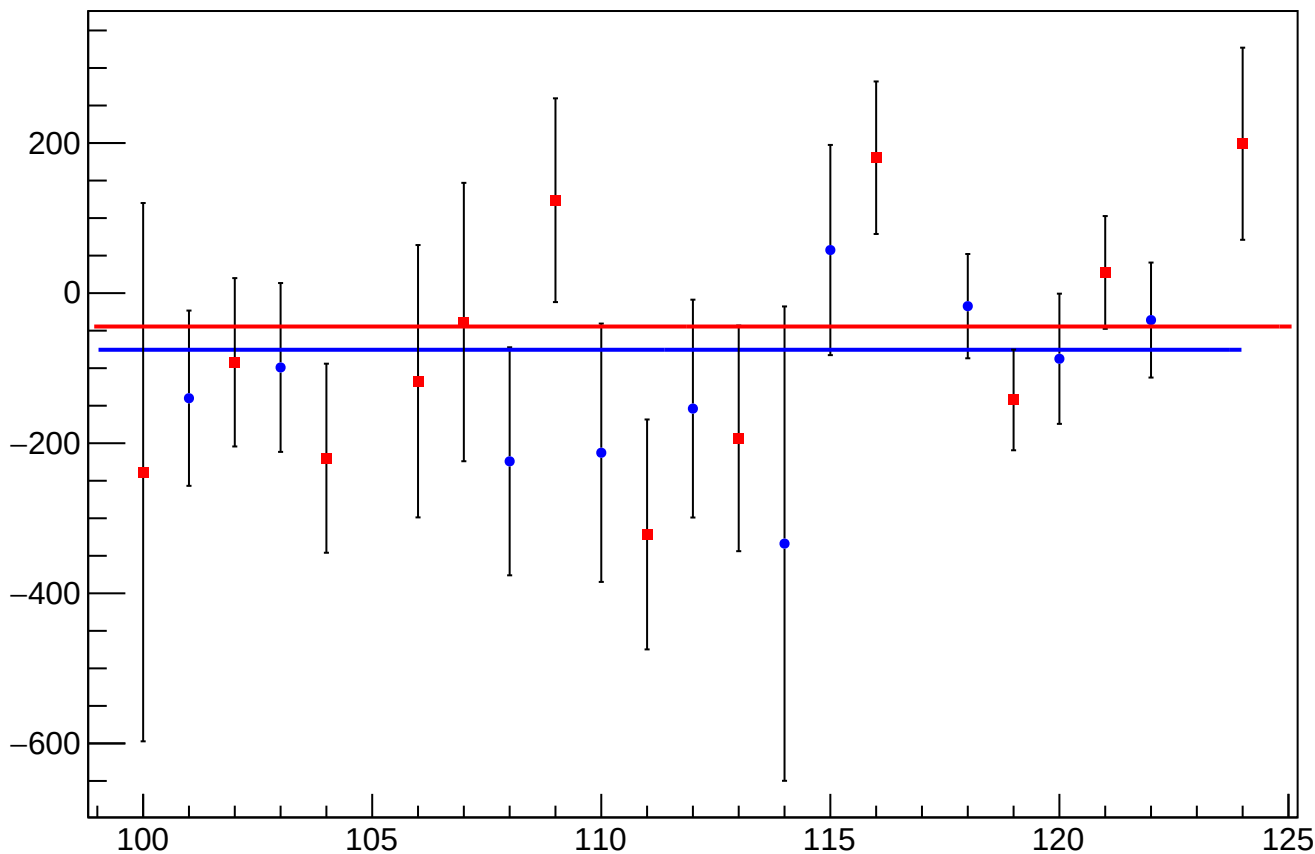
Right: 276.504 ± 0.079 χ^2/NDF : 5385476.3/21

In: 266.584 ± 0.111 χ^2/NDF : 2422106.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 276.504 ± 0.079 χ^2/NDF : 5385476.3/21

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -75.471+/-34.332 χ^2 /NDF: 4.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -44.487+/-33.181 χ^2 /NDF: 19.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

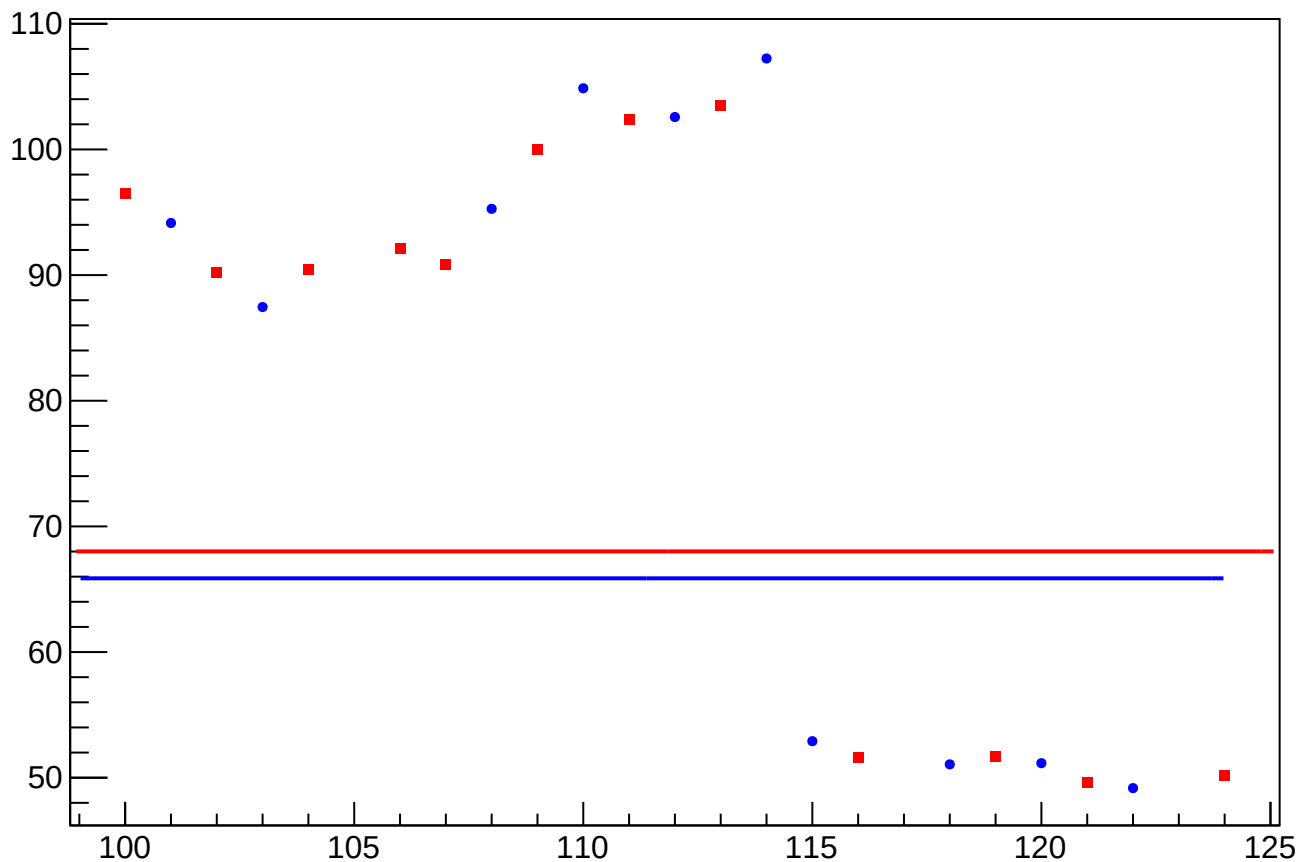
Right: -59.451+/-23.859 χ^2 /NDF: 25.1/21

In: -75.471+/-34.332 χ^2 /NDF:4.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -59.451+/-23.859 χ^2 /NDF: 25.1/21

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.867+/-0.024 χ^2/NDF : 791326.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.009+/-0.023 χ^2/NDF : 872254.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

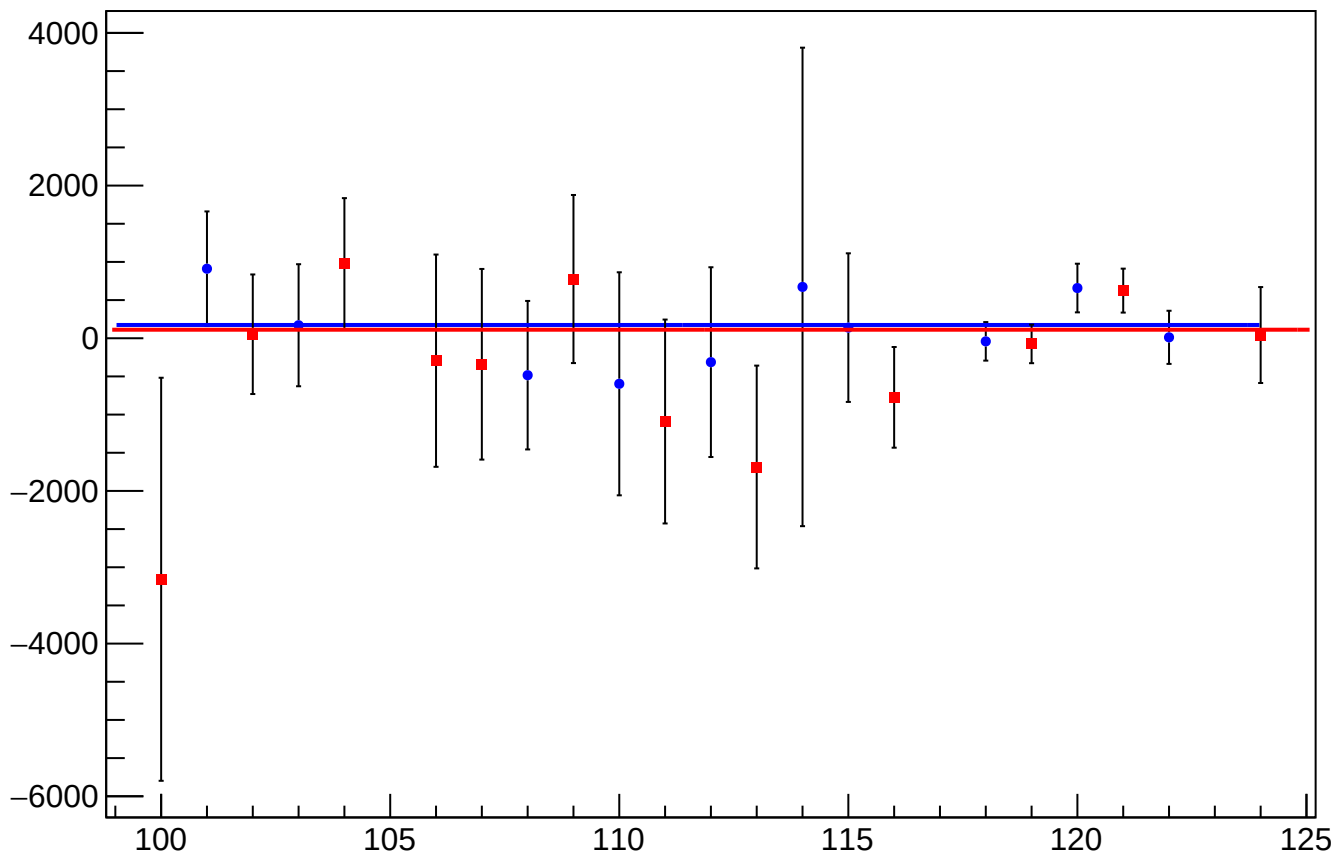
Right: 66.974+/-0.017 χ^2/NDF : 1667607.0/21

In: 65.867+/-0.024 χ^2/NDF : 791326.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.974+/-0.017 χ^2/NDF : 1667607.0/21

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 174.104 $\pm$ 157.187 χ^2 /NDF: 5.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.888 $\pm$ 160.553 χ^2 /NDF: 11.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

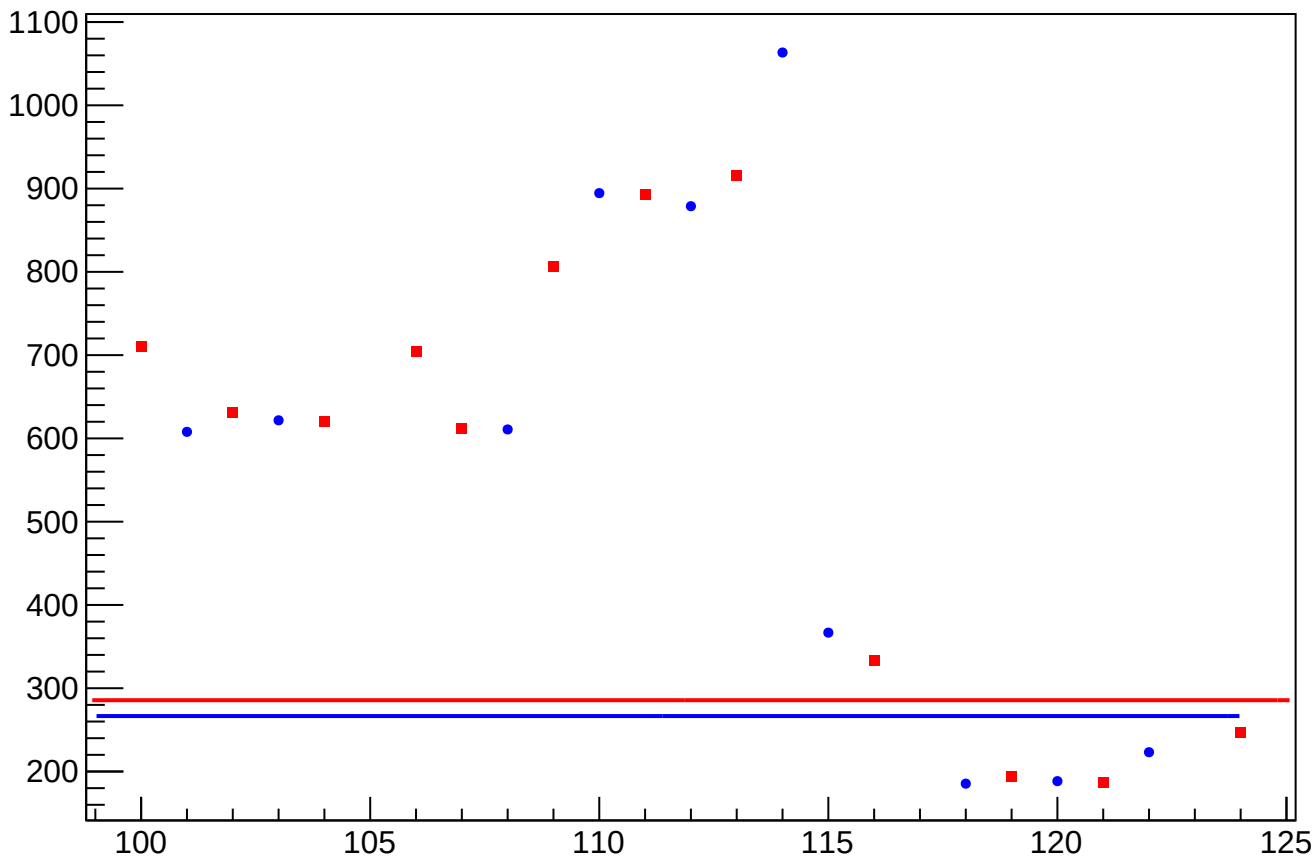
Right: 143.655 $\pm$ 112.319 χ^2 /NDF: 16.5/21

In: 174.104 $\pm$ 157.187 χ^2 /NDF:5.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.655 $\pm$ 112.319 χ^2 /NDF: 16.5/21

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 266.583+/-0.111 χ^2/NDF : 2422123.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 285.598+/-0.114 χ^2/NDF : 2890259.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

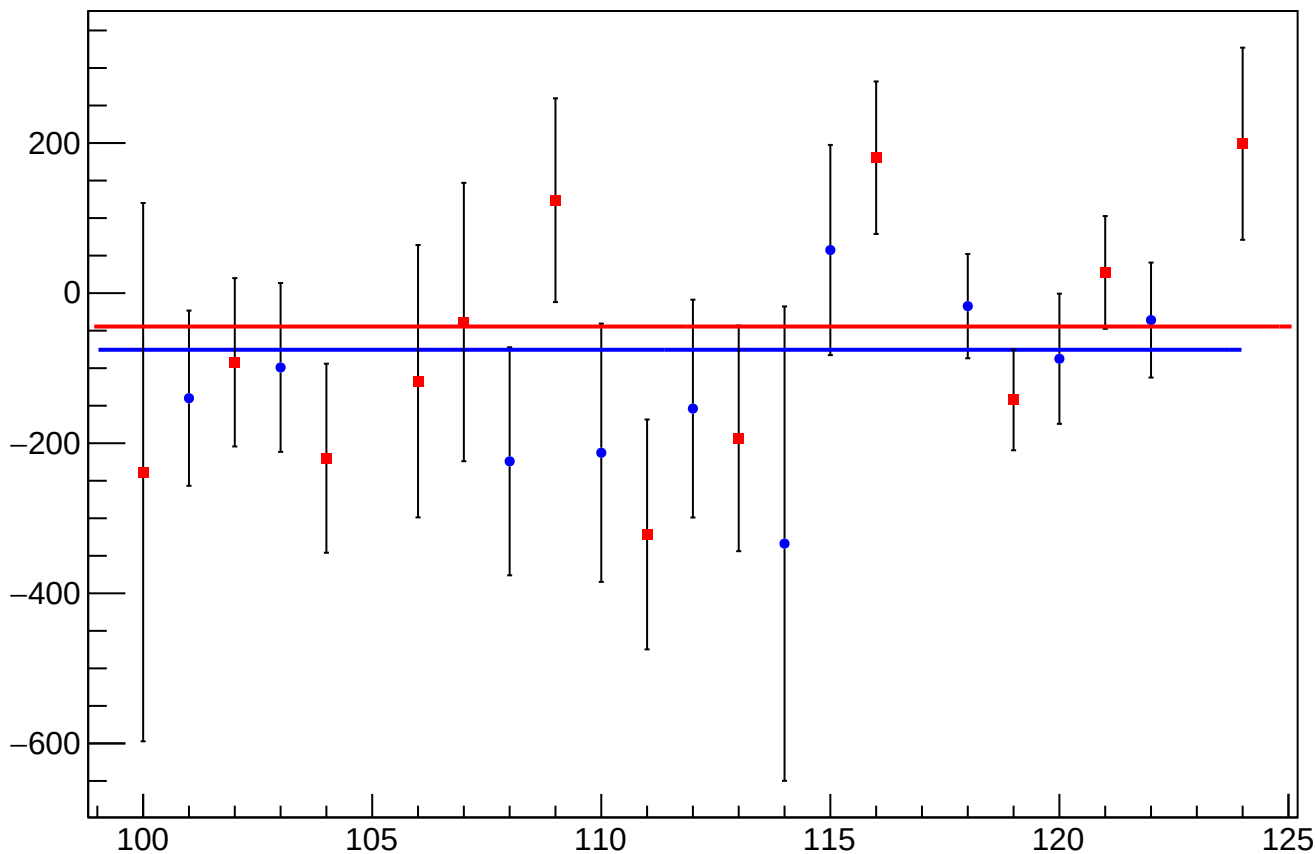
Right: 275.889+/-0.079 χ^2/NDF : 5326706.5/21

In: 266.583+/-0.111 χ^2/NDF :2422123.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 275.889+/-0.079 χ^2/NDF : 5326706.5/21

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -75.471+/-34.332 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.487+/-33.181 χ^2/NDF : 19.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

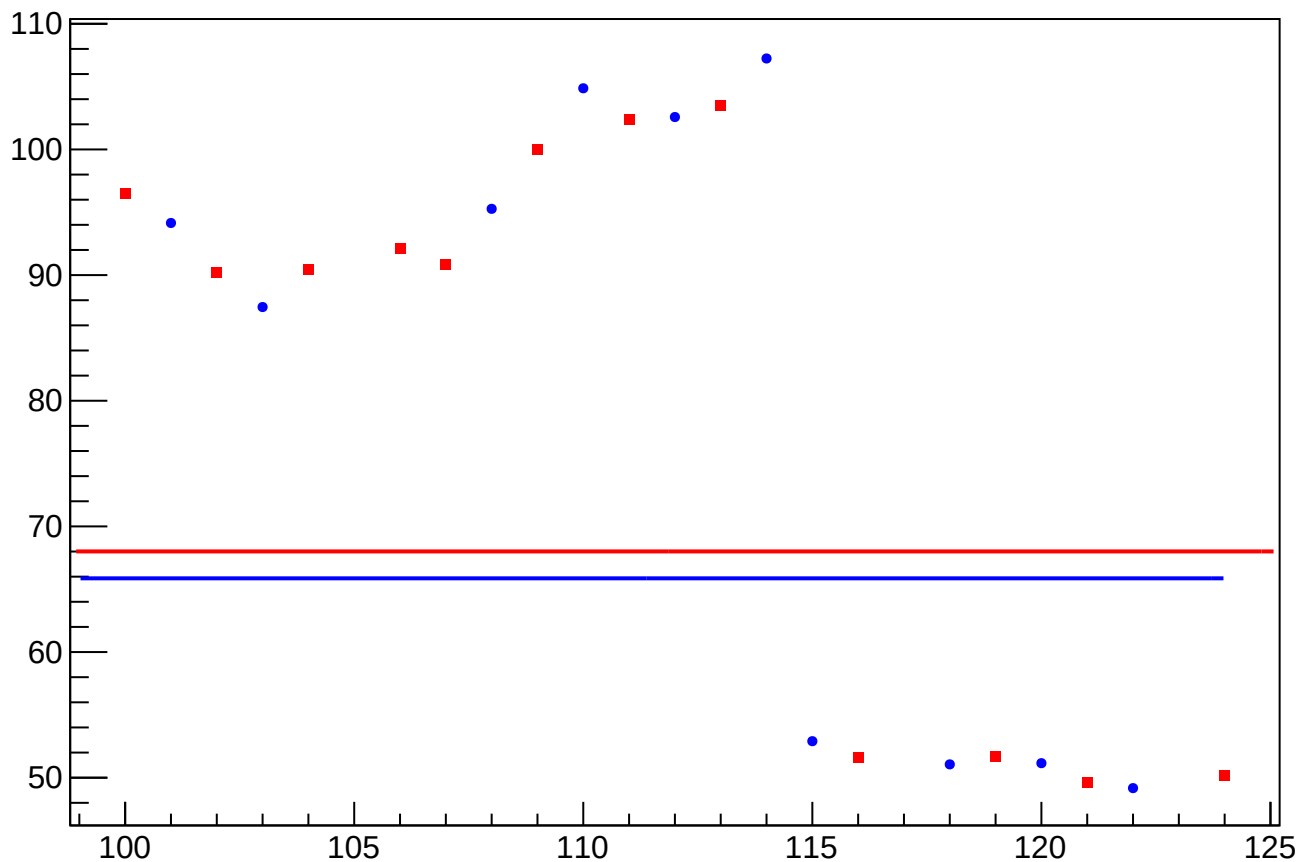
Right: -59.451+/-23.859 χ^2/NDF : 25.1/21

In: -75.471+/-34.332 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.451+/-23.859 χ^2/NDF : 25.1/21

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.867+/-0.024 χ^2/NDF : 791326.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.009+/-0.023 χ^2/NDF : 872254.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

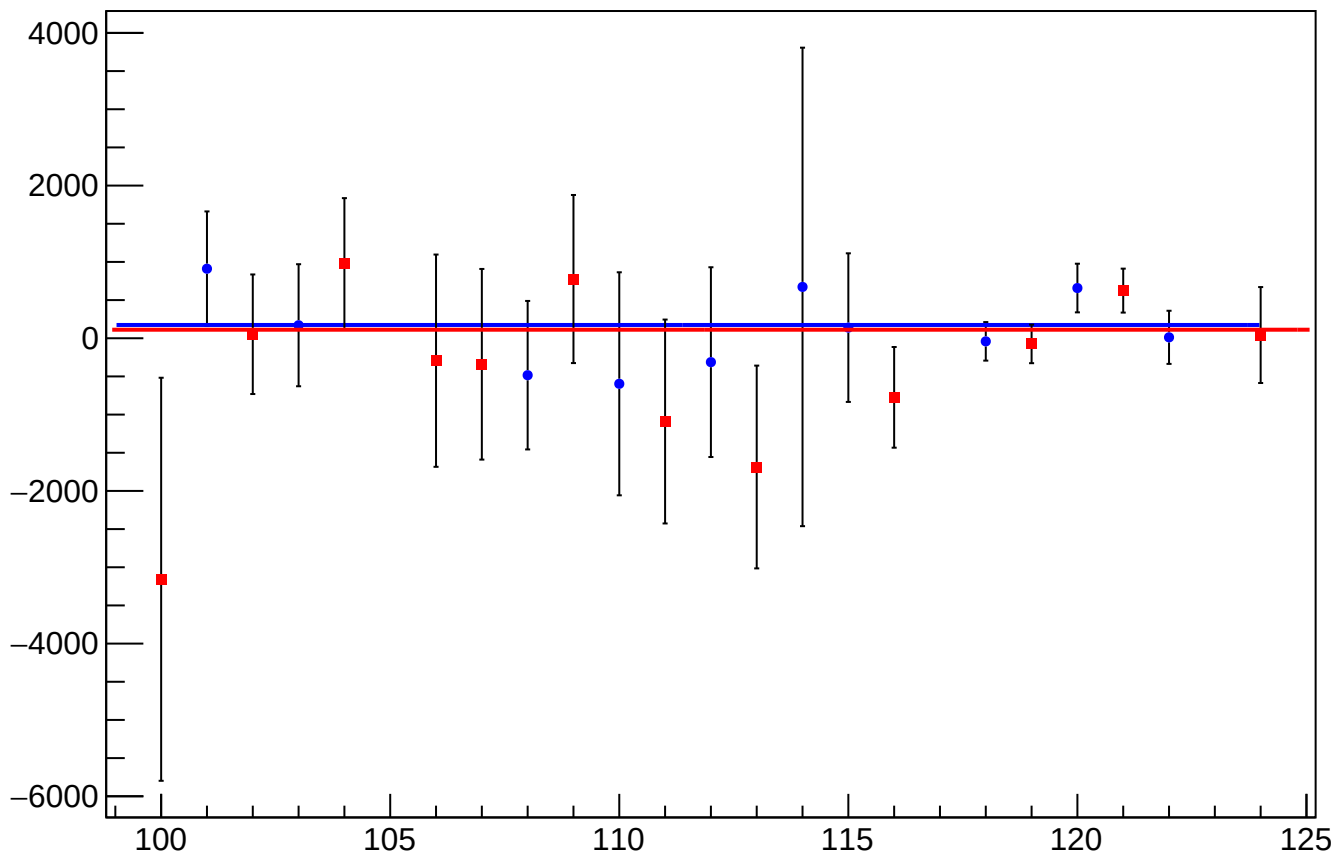
Right: 66.974+/-0.017 χ^2/NDF : 1667607.0/21

In: 65.867+/-0.024 χ^2/NDF : 791326.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.974+/-0.017 χ^2/NDF : 1667607.0/21

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 174.104 $\pm$ 157.187 χ^2 /NDF: 5.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.888 $\pm$ 160.553 χ^2 /NDF: 11.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

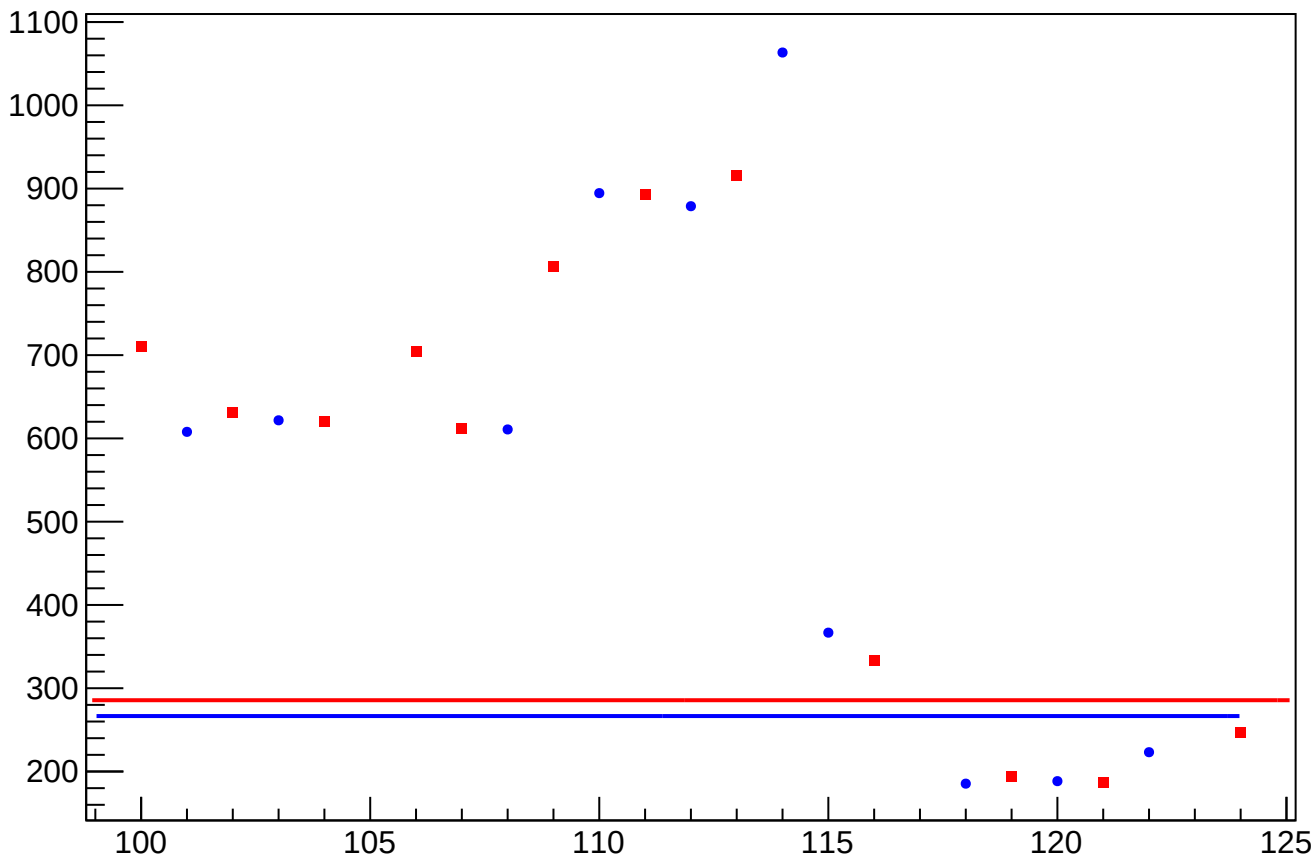
Right: 143.655 $\pm$ 112.319 χ^2 /NDF: 16.5/21

In: 174.104 $\pm$ 157.187 χ^2 /NDF:5.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.655 $\pm$ 112.319 χ^2 /NDF: 16.5/21

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 266.583+/-0.111 χ^2/NDF : 2422123.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 285.598+/-0.114 χ^2/NDF : 2890259.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

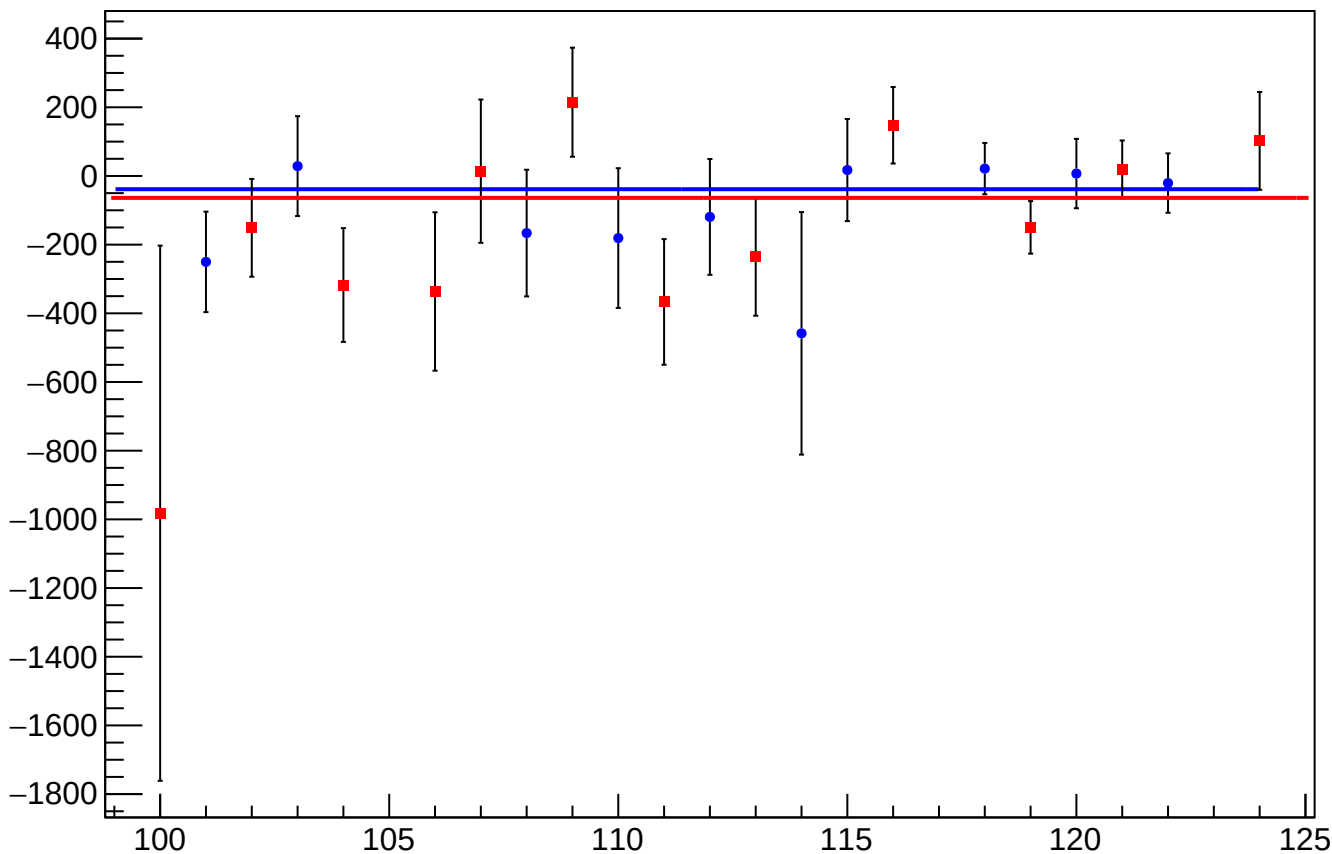
Right: 275.889+/-0.079 χ^2/NDF : 5326706.5/21

In: 266.583+/-0.111 χ^2/NDF :2422123.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 275.889+/-0.079 χ^2/NDF : 5326706.5/21

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -38.595 ± 39.326 χ^2/NDF : 5.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.825 ± 38.497 χ^2/NDF : 19.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

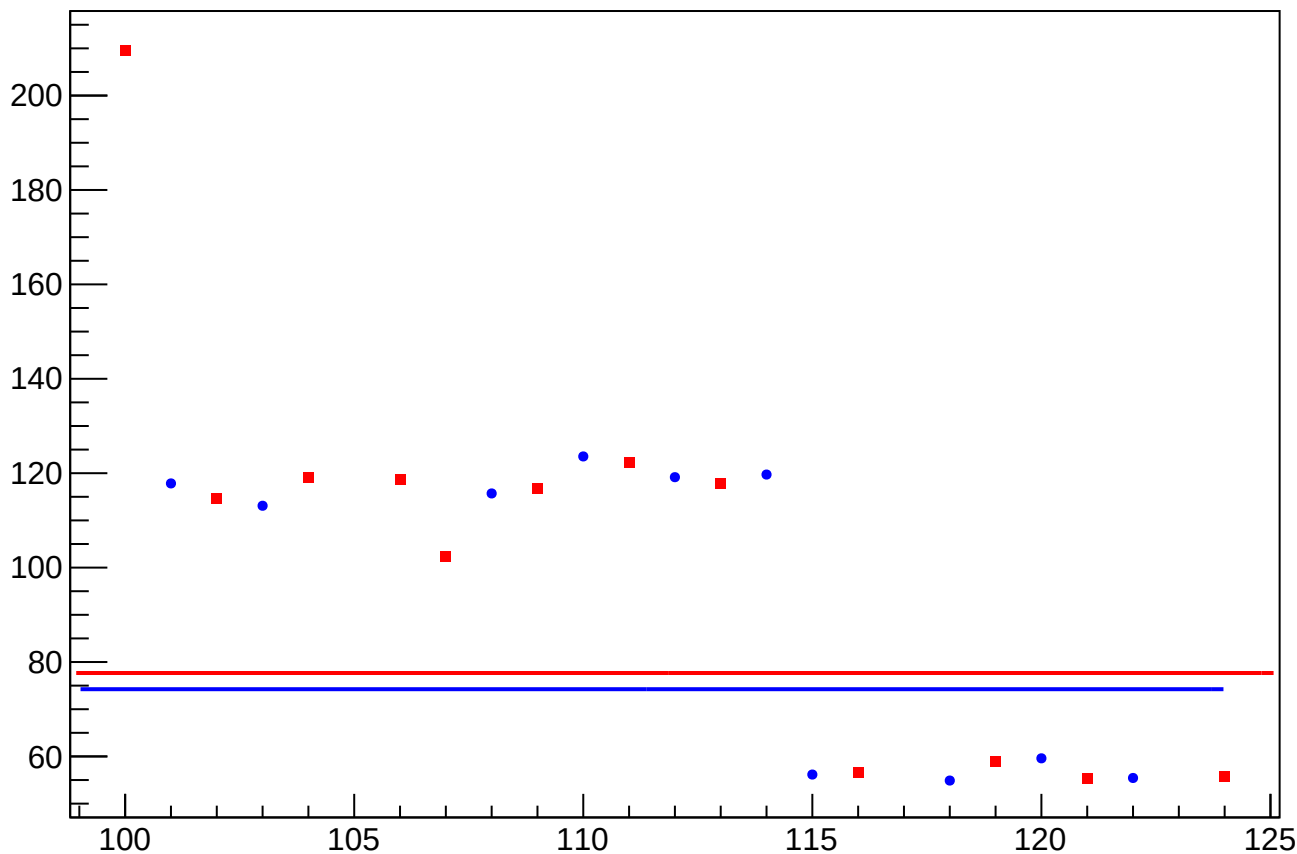
Right: -51.478 ± 27.510 χ^2/NDF : 25.8/21

In: -38.595 ± 39.326 χ^2/NDF : 5.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.478 ± 27.510 χ^2/NDF : 25.8/21

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 74.242 $\pm$ 0.028 χ^2 /NDF: 1014312.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.673 $\pm$ 0.027 χ^2 /NDF: 1135211.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

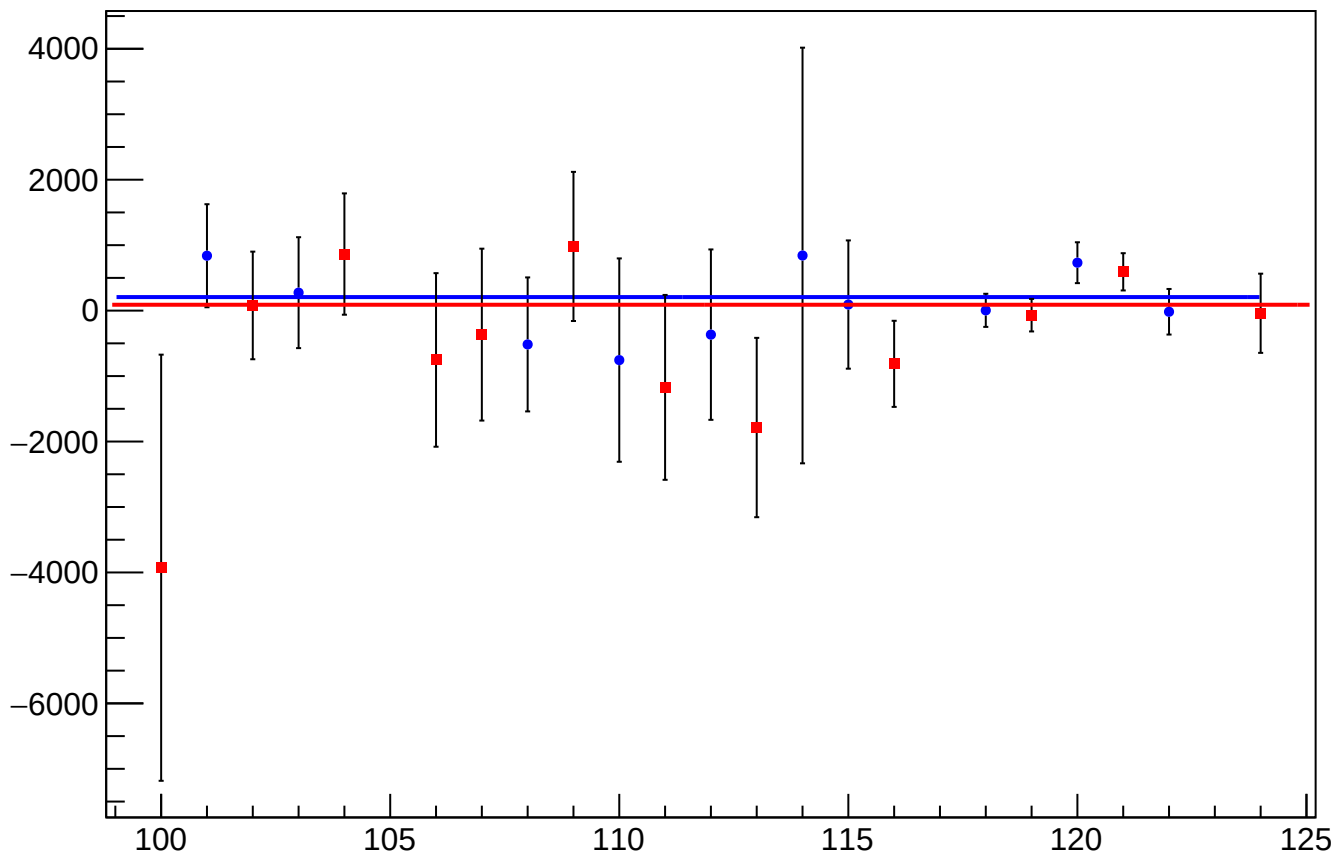
Right: 75.994 $\pm$ 0.019 χ^2 /NDF: 2157298.0/21

In: 74.242 $\pm$ 0.028 χ^2 /NDF:1014312.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.994 $\pm$ 0.019 χ^2 /NDF: 2157298.0/21

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 206.868 $\pm$ 157.629 χ^2 /NDF: 5.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.696 $\pm$ 159.544 χ^2 /NDF: 11.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

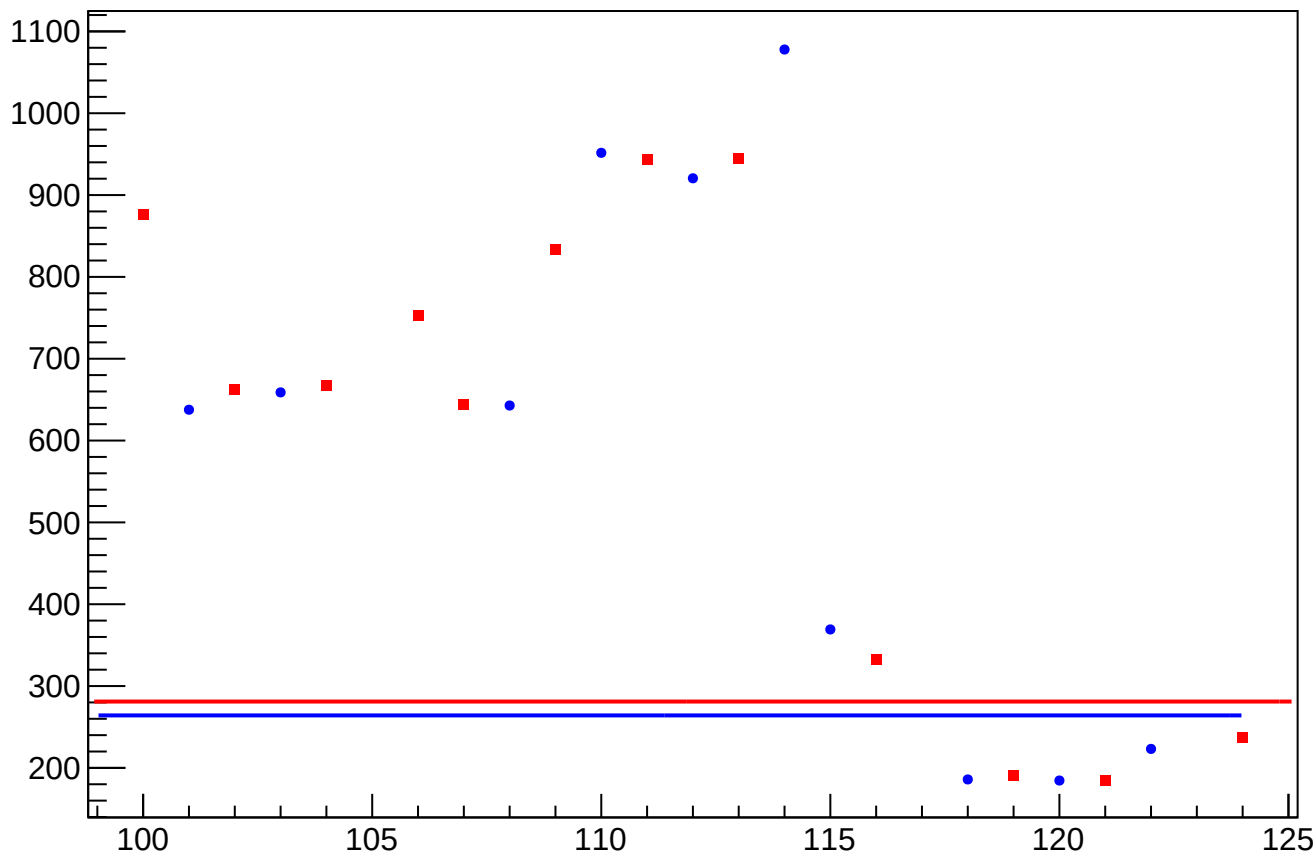
Right: 148.990 $\pm$ 112.131 χ^2 /NDF: 17.4/21

In: 206.868 $\pm$ 157.629 χ^2 /NDF:5.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 148.990 $\pm$ 112.131 χ^2 /NDF: 17.4/21

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 264.124+/-0.111 χ^2/NDF : 2562134.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 281.065+/-0.113 χ^2/NDF : 3147729.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

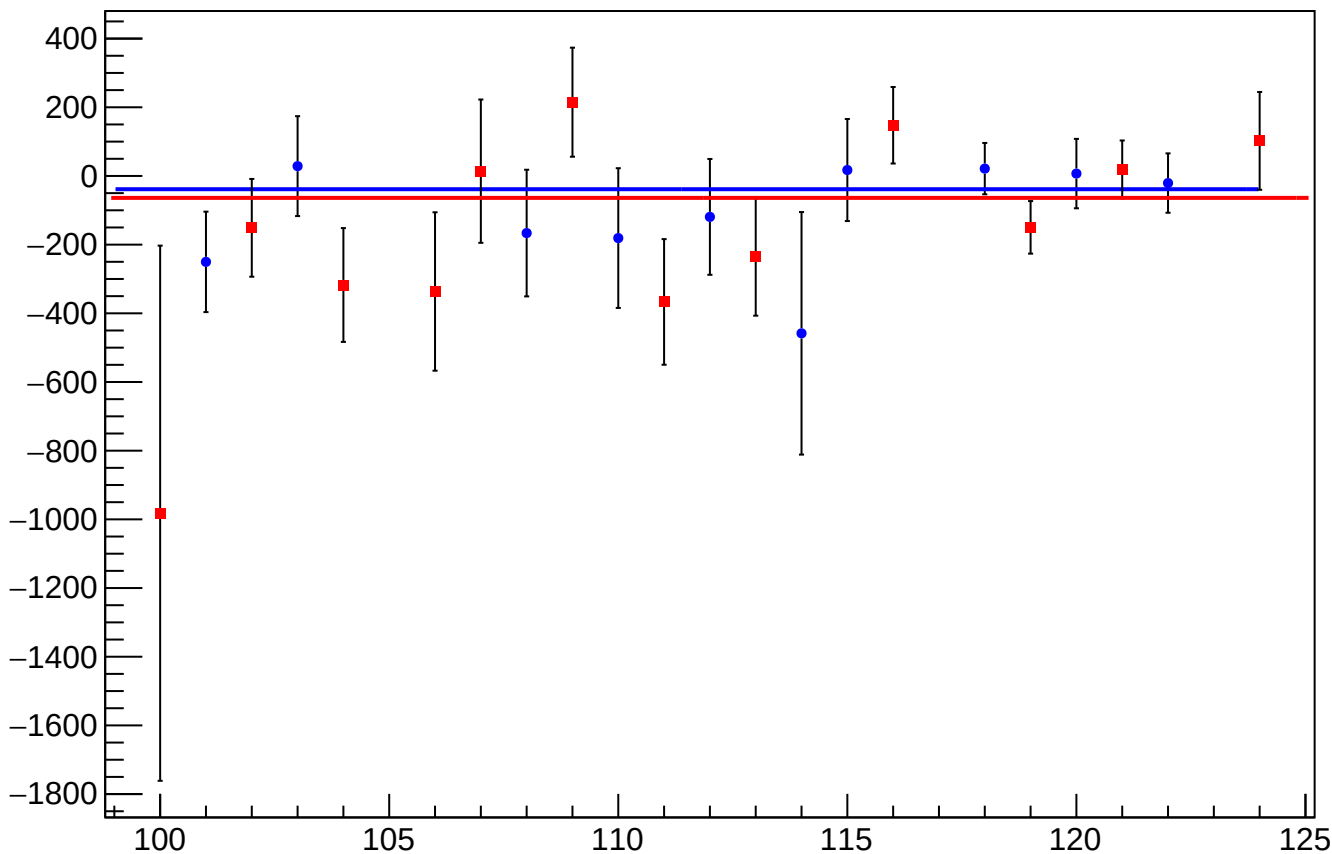
Right: 272.492+/-0.079 χ^2/NDF : 5721274.2/21

In: 264.124+/-0.111 χ^2/NDF :2562134.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 272.492+/-0.079 χ^2/NDF : 5721274.2/21

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -38.596 ± 39.326 χ^2/NDF : 5.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.827 ± 38.497 χ^2/NDF : 19.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

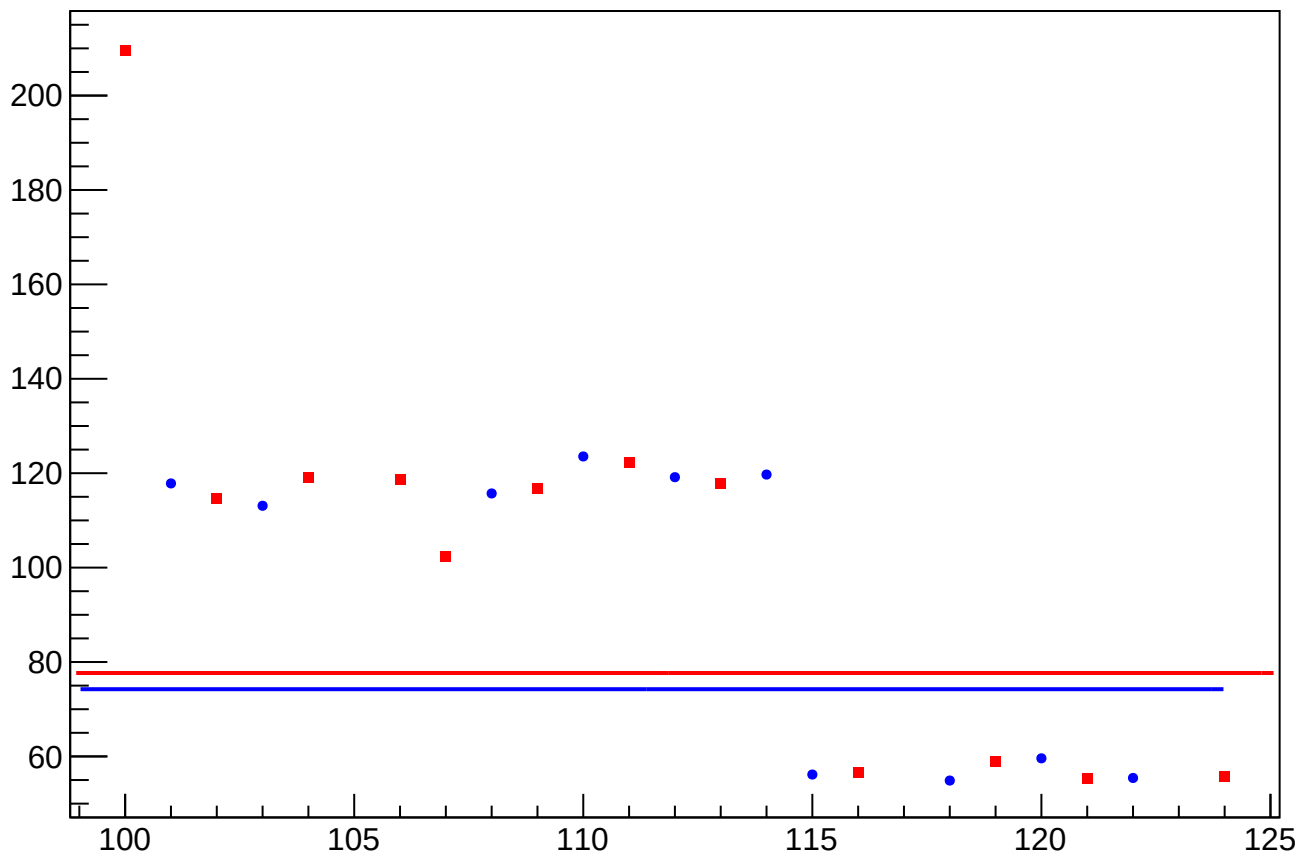
Right: -51.480 ± 27.510 χ^2/NDF : 25.8/21

In: -38.596 ± 39.326 χ^2/NDF : 5.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.480 ± 27.510 χ^2/NDF : 25.8/21

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 74.242+/-0.028 χ^2/NDF : 1014302.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.673+/-0.027 χ^2/NDF : 1135195.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

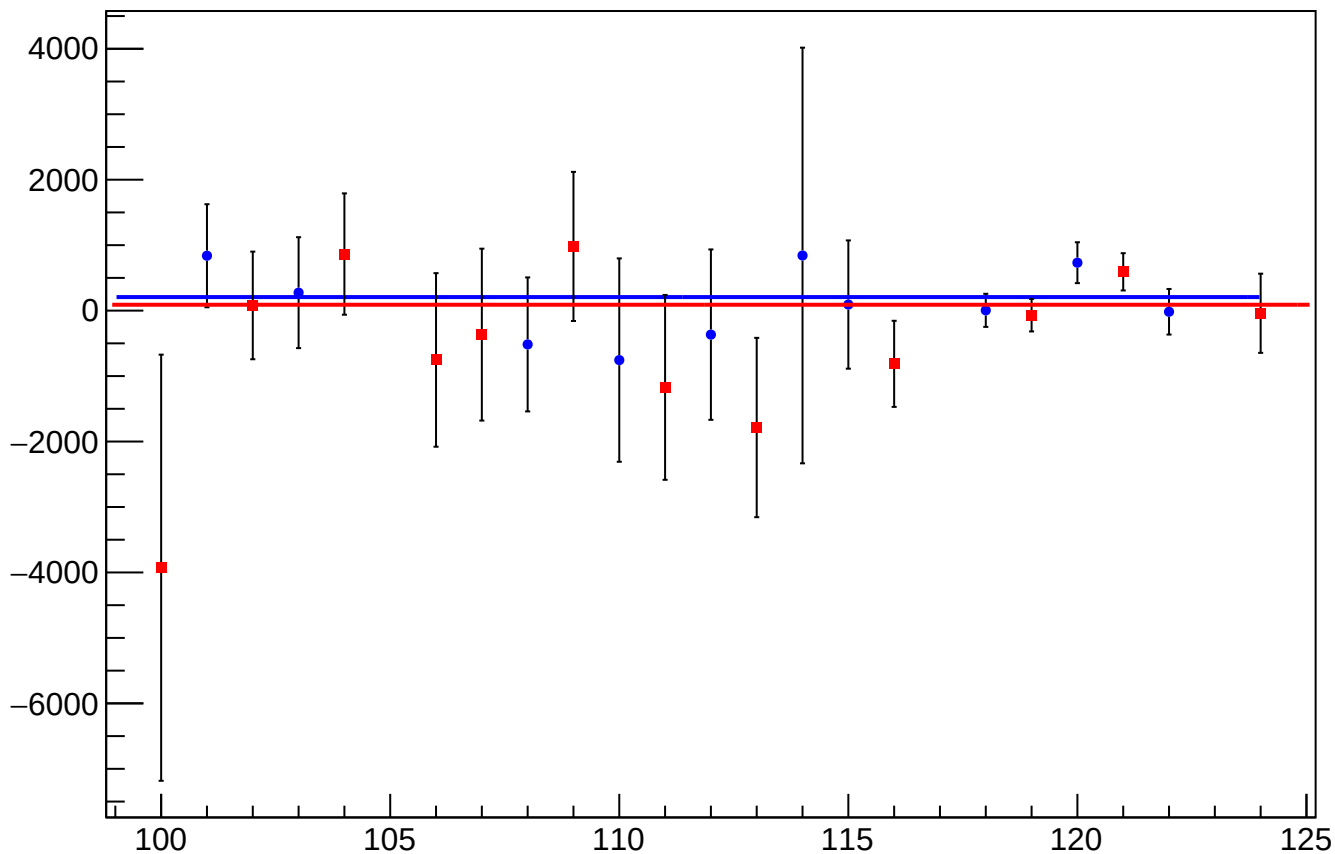
Right: 75.994+/-0.019 χ^2/NDF : 2157272.1/21

In: 74.242+/-0.028 χ^2/NDF : 1014302.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.994+/-0.019 χ^2/NDF : 2157272.1/21

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 206.865 $\pm$ 157.628 χ^2 /NDF: 5.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.695 $\pm$ 159.544 χ^2 /NDF: 11.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

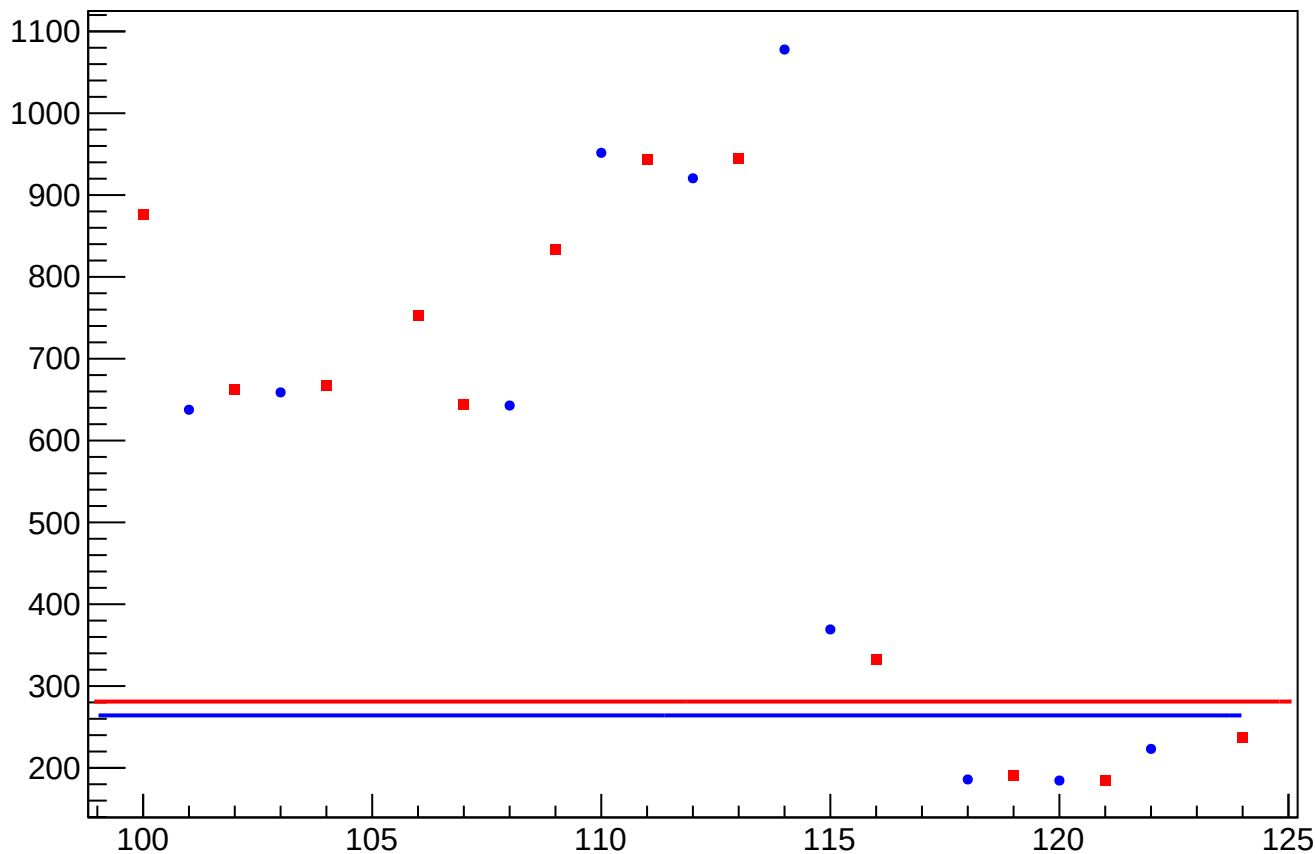
Right: 148.988 $\pm$ 112.131 χ^2 /NDF: 17.4/21

In: 206.865 $\pm$ 157.628 χ^2 /NDF:5.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 148.988 $\pm$ 112.131 χ^2 /NDF: 17.4/21

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 264.124+/-0.111 χ^2/NDF : 2562130.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 281.065+/-0.113 χ^2/NDF : 3147716.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

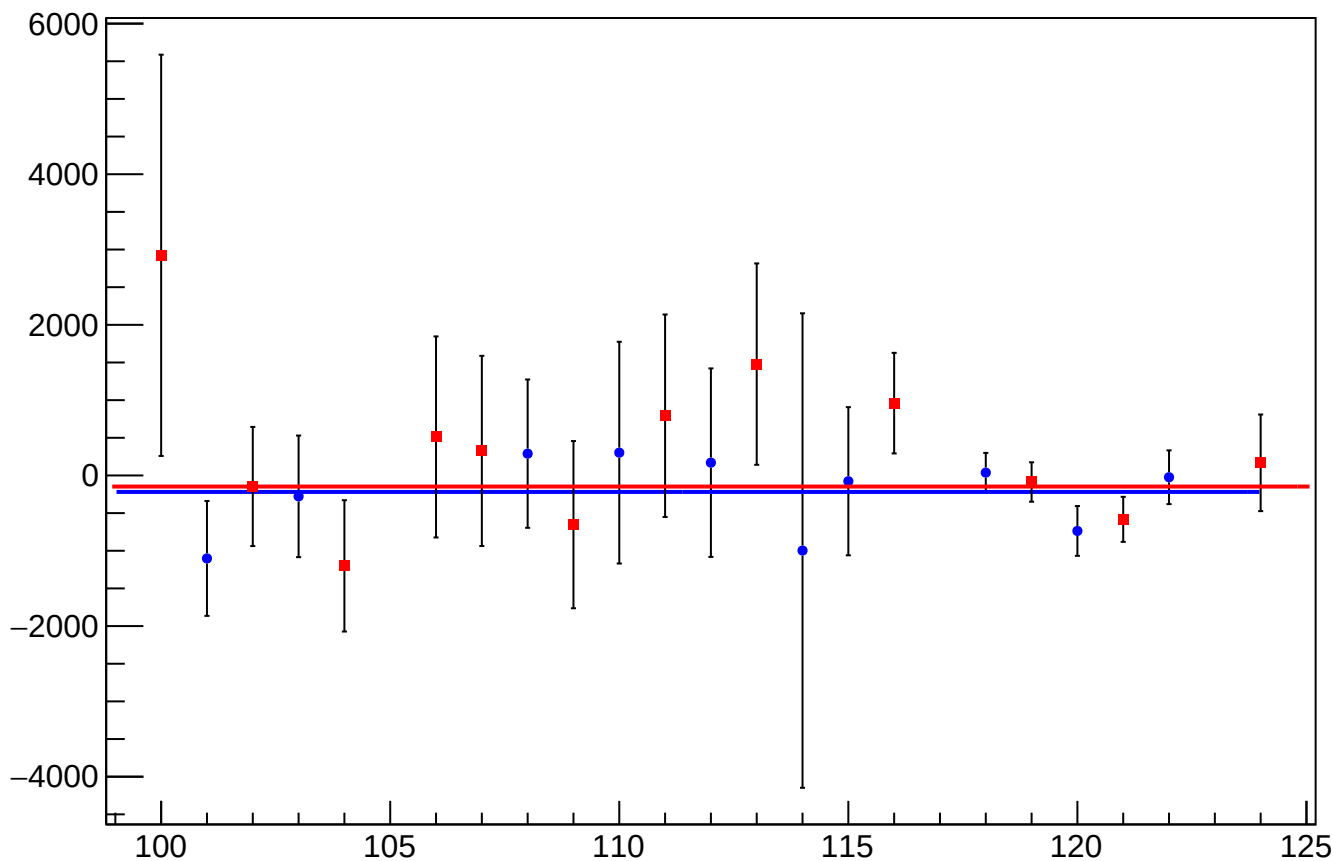
Right: 272.492+/-0.079 χ^2/NDF : 5721258.0/21

In: 264.124+/-0.111 χ^2/NDF :2562130.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 272.492+/-0.079 χ^2/NDF : 5721258.0/21

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -218.630 ± 161.999 χ^2/NDF : 5.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -147.318 ± 165.234 χ^2/NDF : 10.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

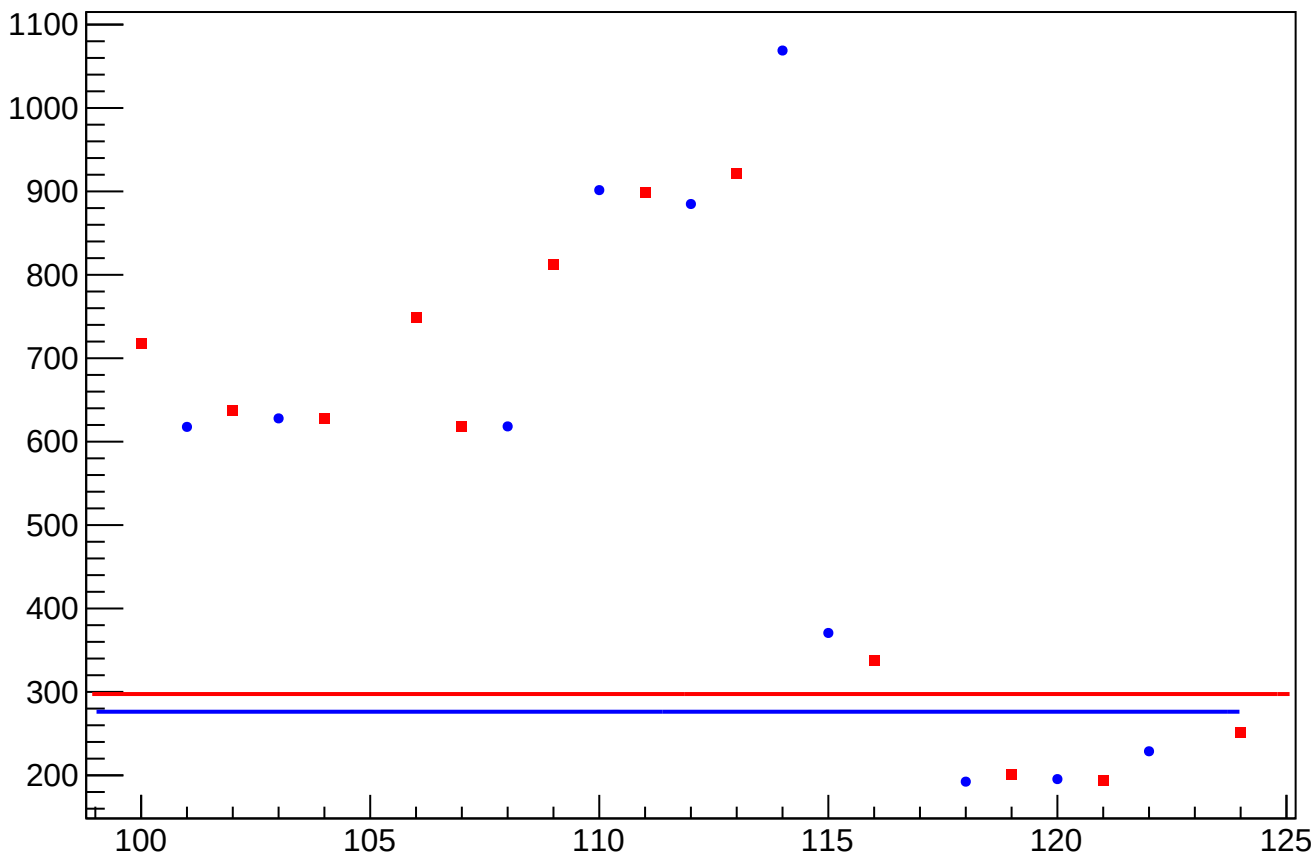
Right: -183.679 ± 115.677 χ^2/NDF : 16.2/21

In: -218.630 ± 161.999 χ^2/NDF : 5.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -183.679 ± 115.677 χ^2/NDF : 16.2/21

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 276.241+/-0.115 χ^2/NDF : 2359876.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 297.453+/-0.117 χ^2/NDF : 2859033.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

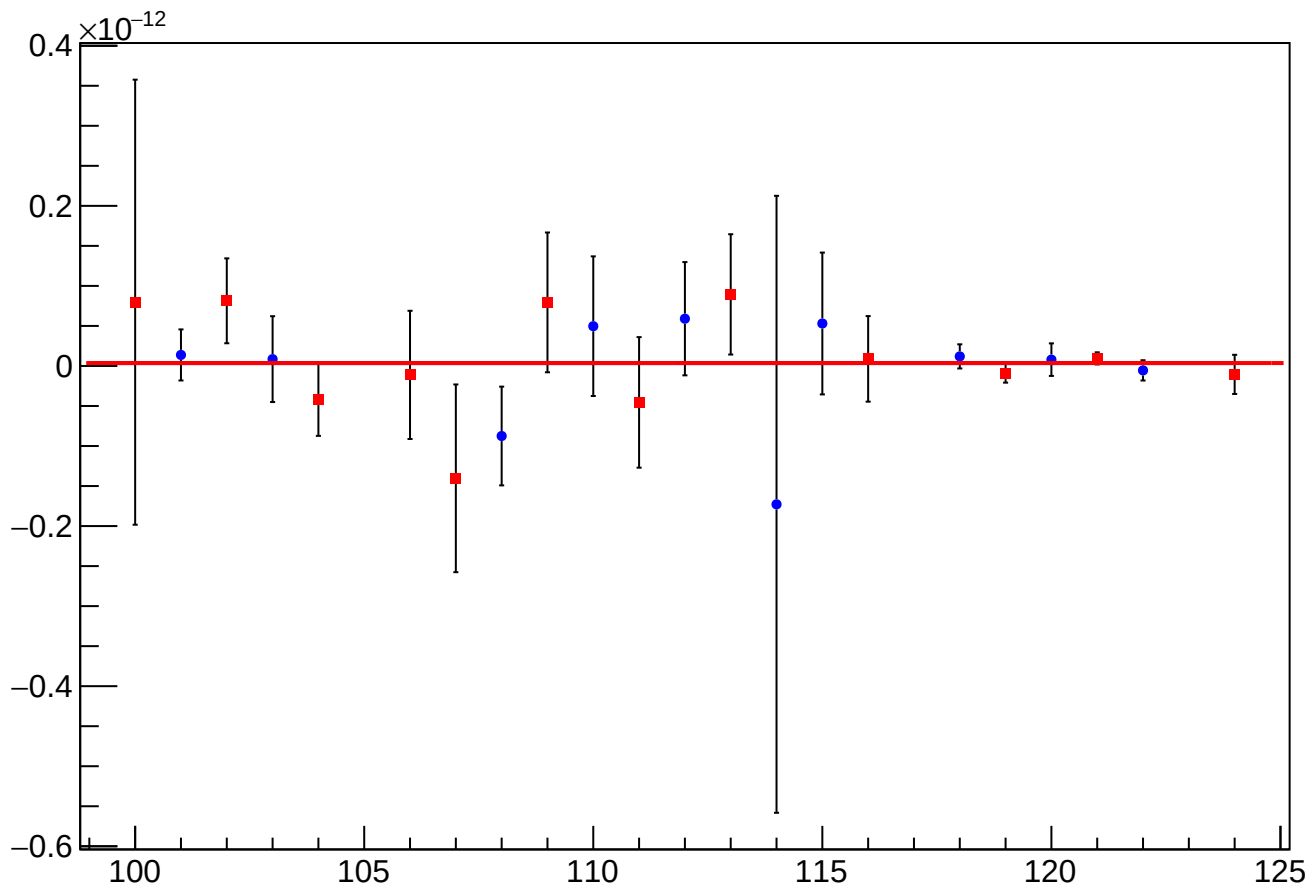
Right: 286.637+/-0.082 χ^2/NDF : 5235715.3/21

In: 276.241+/-0.115 χ^2/NDF : 2359876.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.637+/-0.082 χ^2/NDF : 5235715.3/21

asym_sam_37_26_dd_reg_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 : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

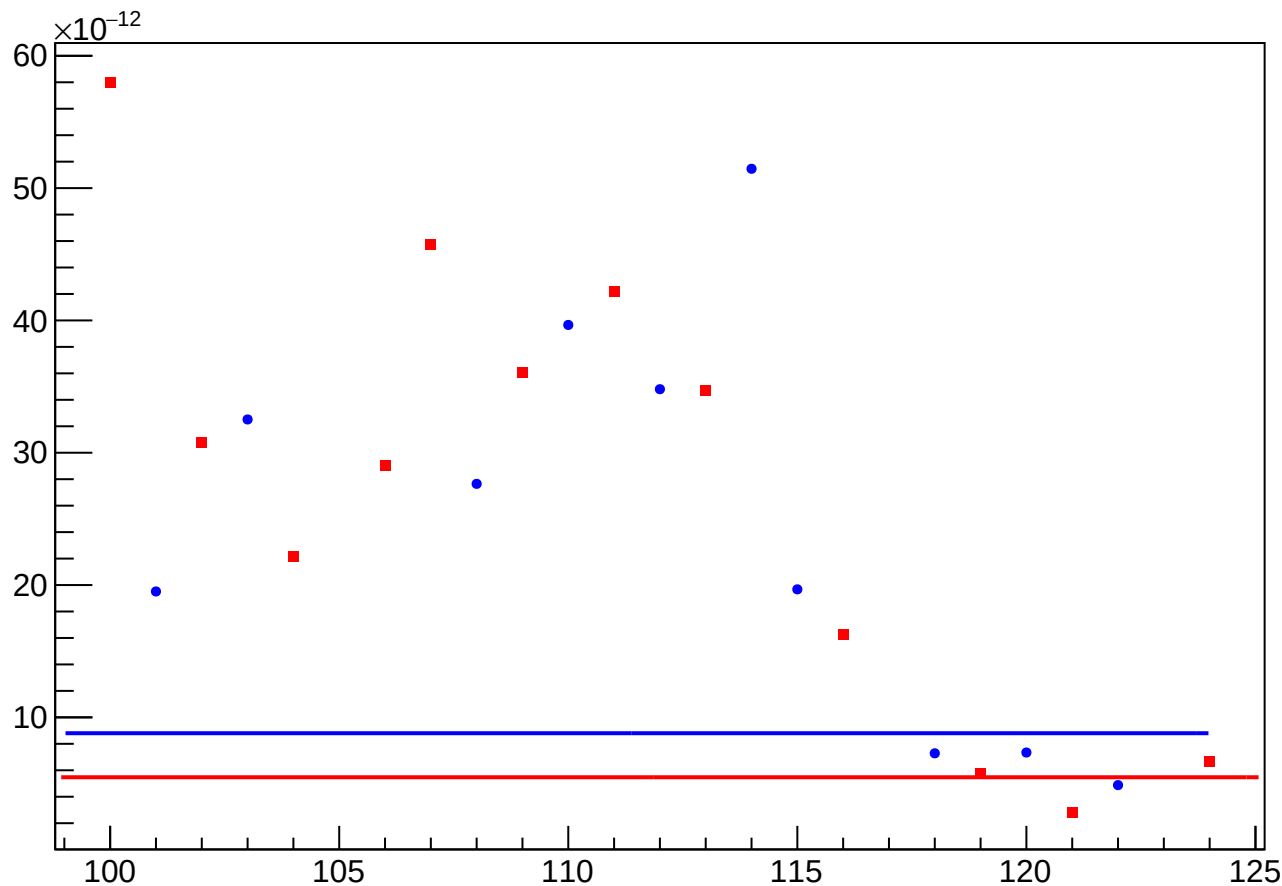
Right: 0.000+/-0.000 χ^2/NDF : 13.9/21

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 : 13.9/21

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1601527.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2500409.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

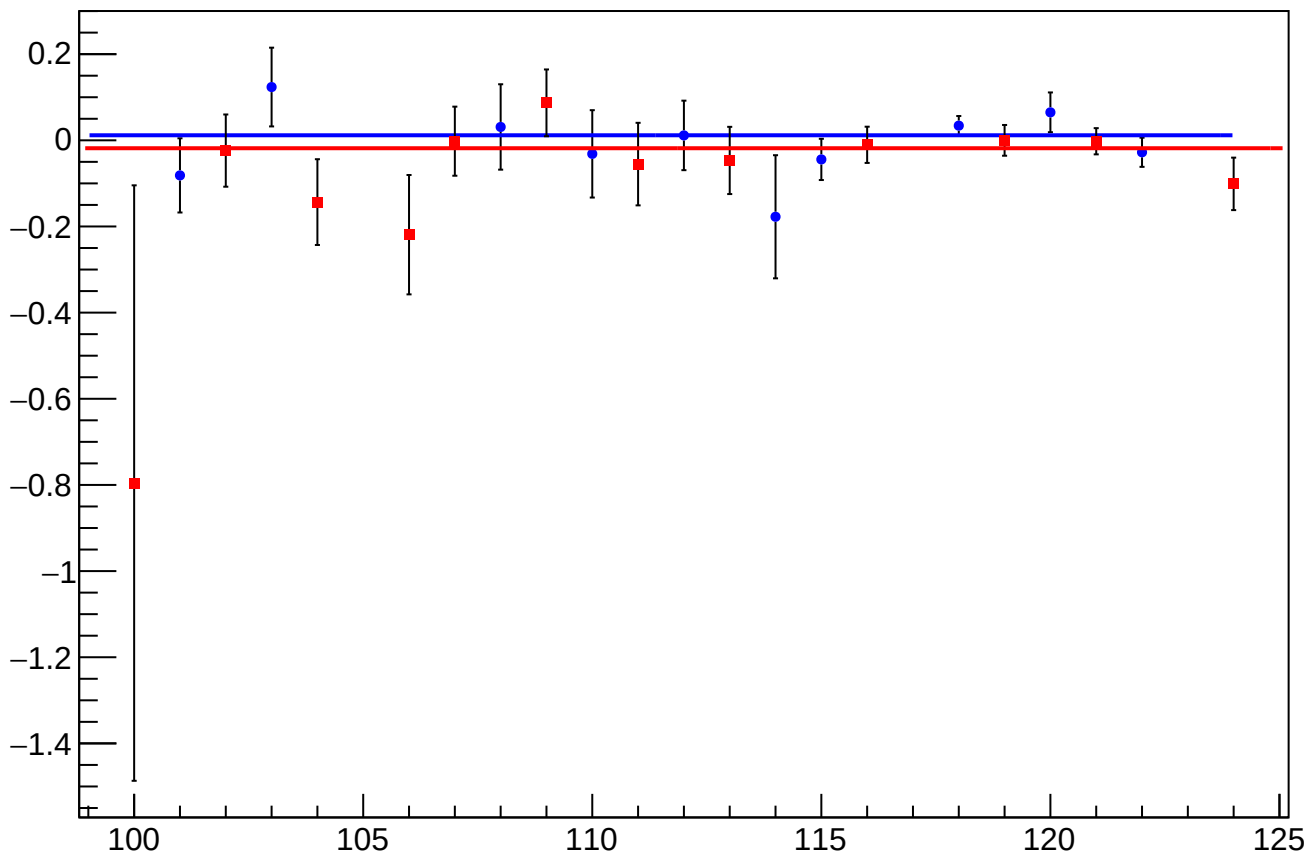
Right: 0.000+/-0.000 χ^2/NDF : 4320182.0/21

In: 0.000+/-0.000 χ^2/NDF : 1601527.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4320182.0/21

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.017 χ^2 /NDF: 9.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

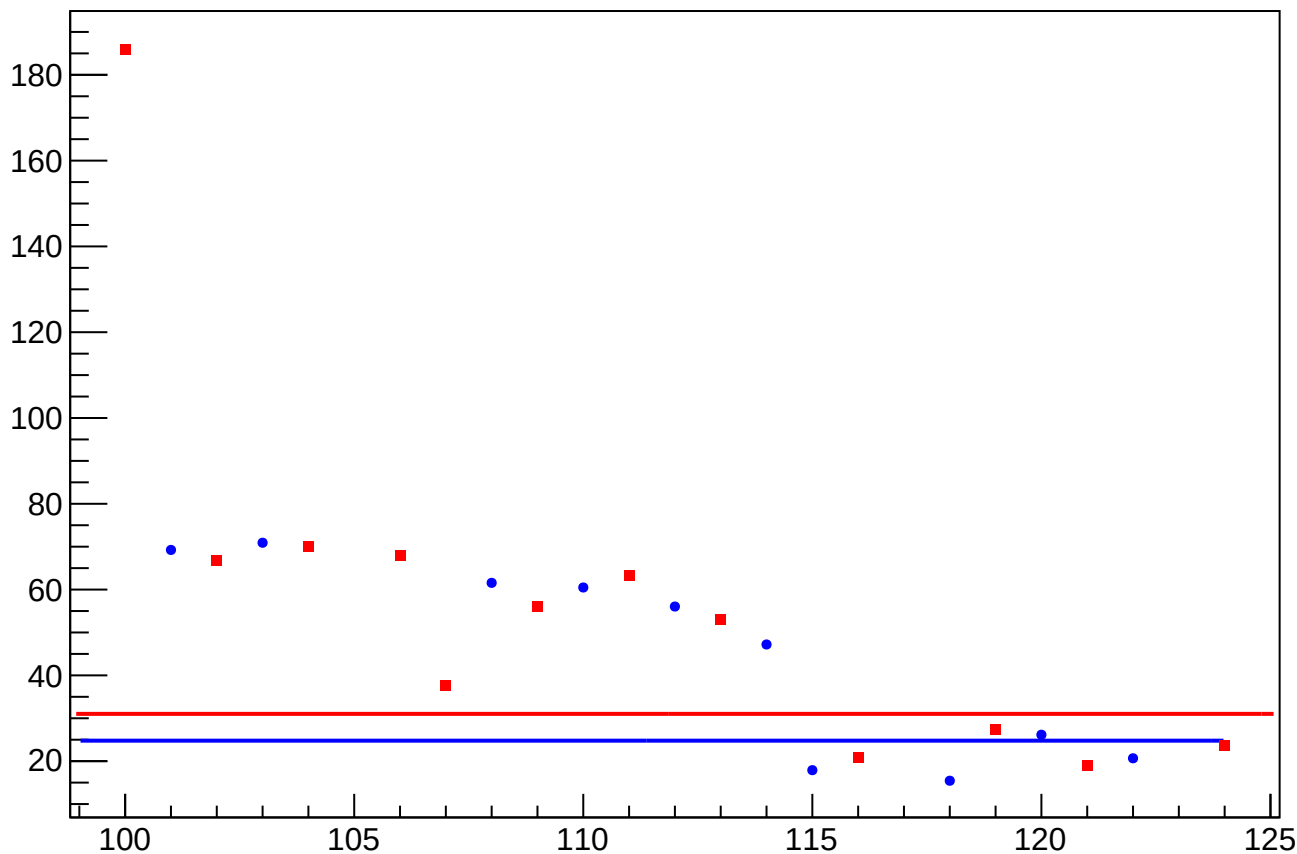
Right: -0.002 $\pm$ 0.011 χ^2 /NDF: 21.0/21

In: 0.012 $\pm$ 0.015 χ^2 /NDF:9.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.011 χ^2 /NDF: 21.0/21

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.778+/-0.011 χ^2/NDF : 2337541.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.025+/-0.012 χ^2/NDF : 1995030.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

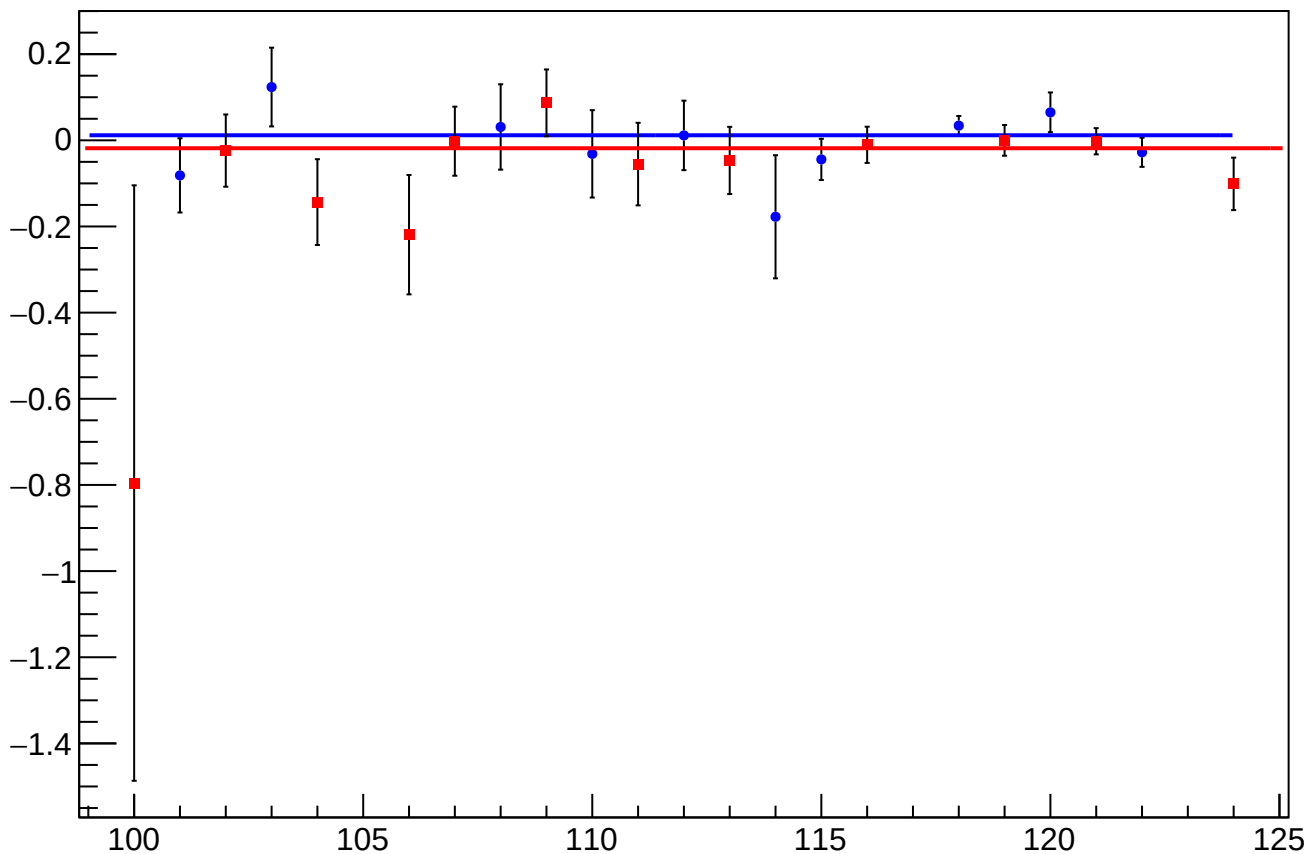
Right: 27.574+/-0.008 χ^2/NDF : 4487491.2/21

In: 24.778+/-0.011 χ^2/NDF : 2337541.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.574+/-0.008 χ^2/NDF : 4487491.2/21

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.017 χ^2 /NDF: 9.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

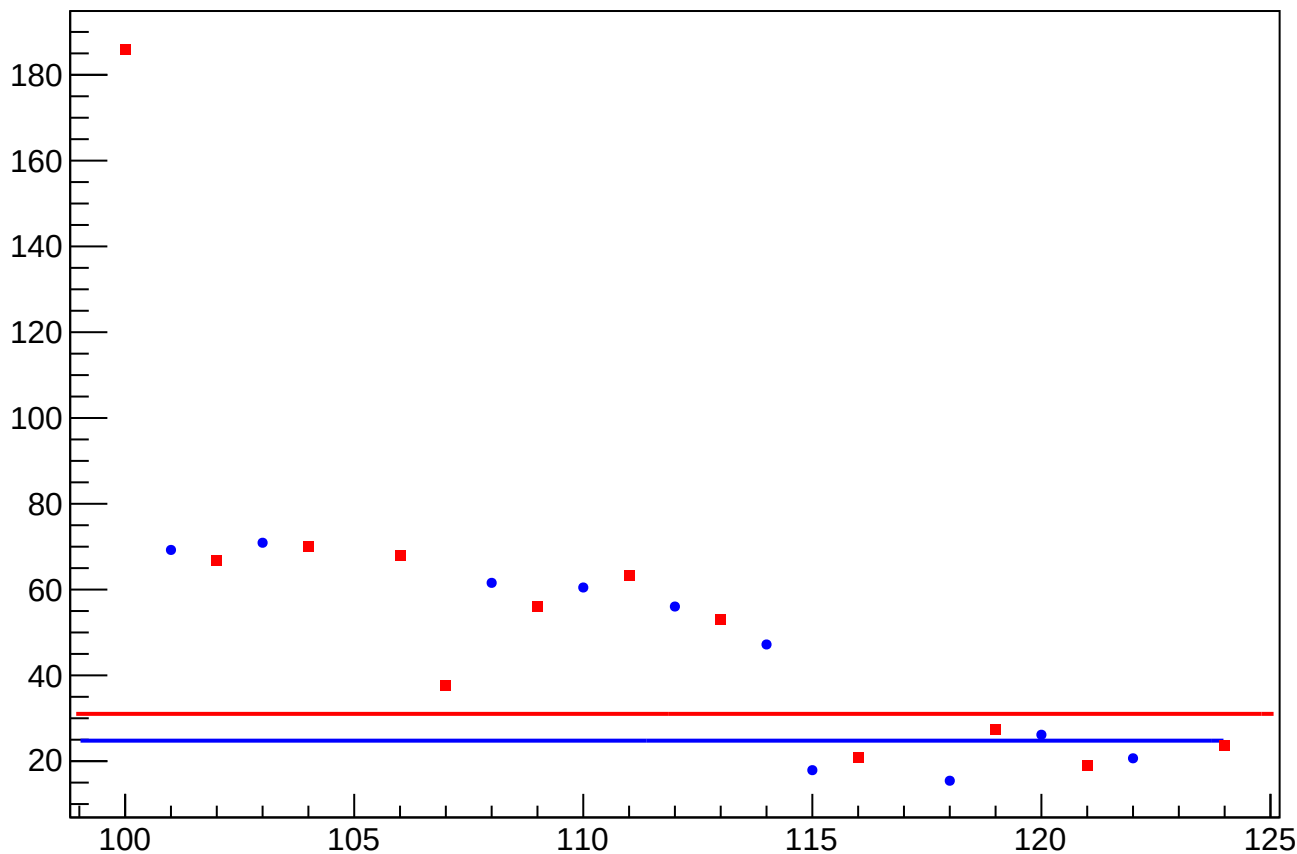
Right: -0.002 $\pm$ 0.011 χ^2 /NDF: 21.0/21

In: 0.012 $\pm$ 0.015 χ^2 /NDF:9.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.011 χ^2 /NDF: 21.0/21

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.778+/-0.011 χ^2/NDF : 2337541.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.025+/-0.012 χ^2/NDF : 1995030.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

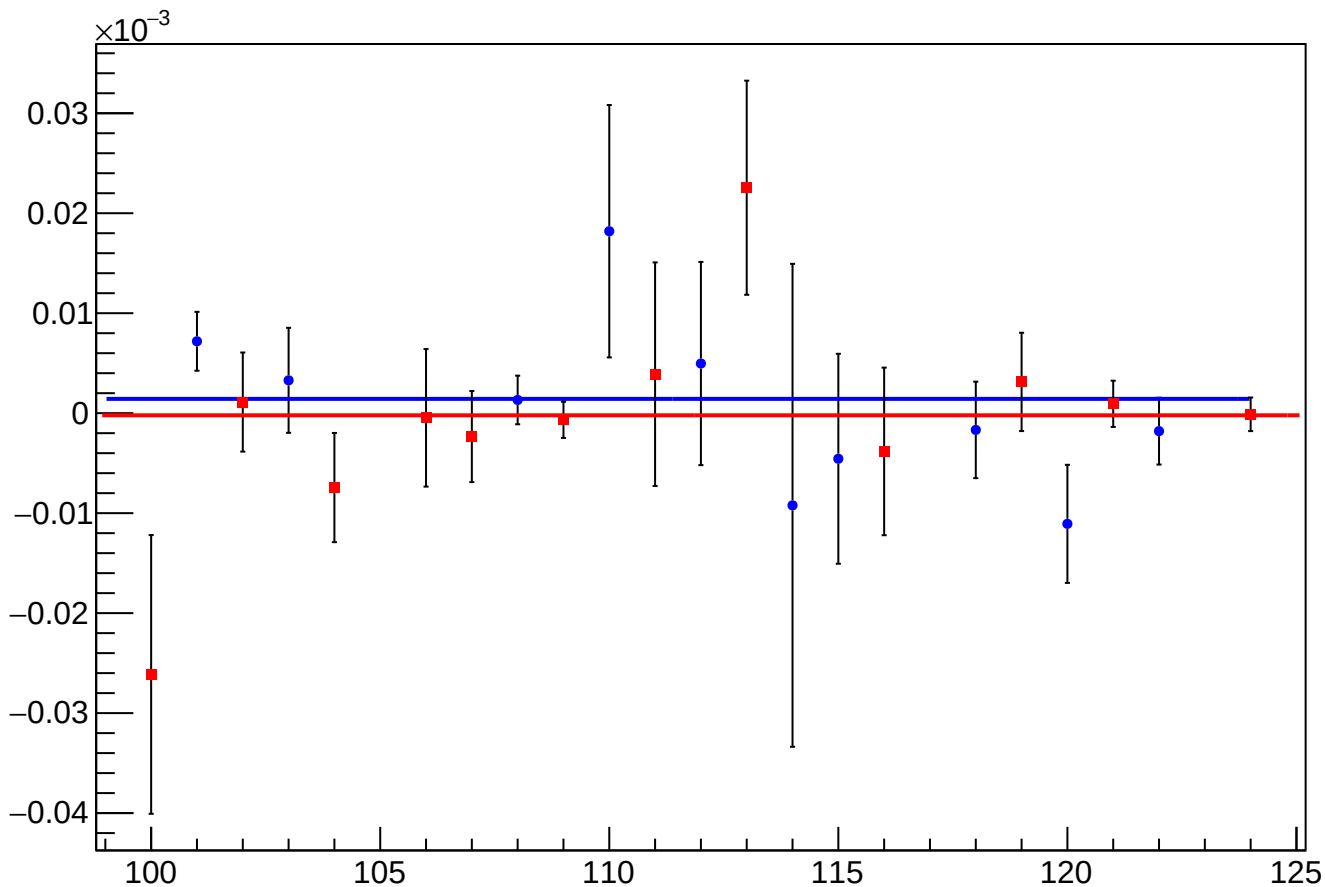
Right: 27.574+/-0.008 χ^2/NDF : 4487491.2/21

In: 24.778+/-0.011 χ^2/NDF :2337541.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.574+/-0.008 χ^2/NDF : 4487491.2/21

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

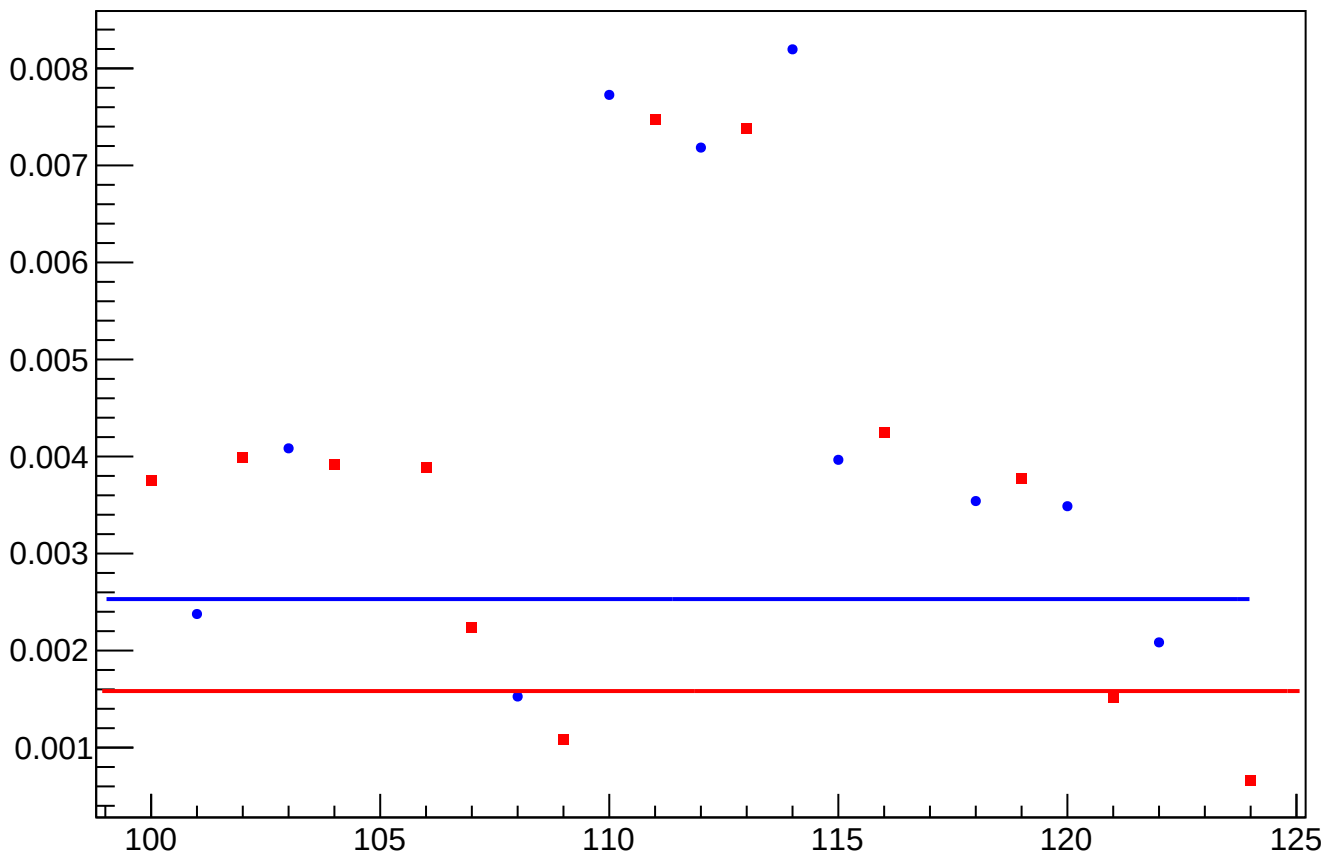
Right: 0.000+/-0.000 χ^2/NDF : 24.2/21

In: 0.000+/-0.000 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.2/21

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1603422.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3653113.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

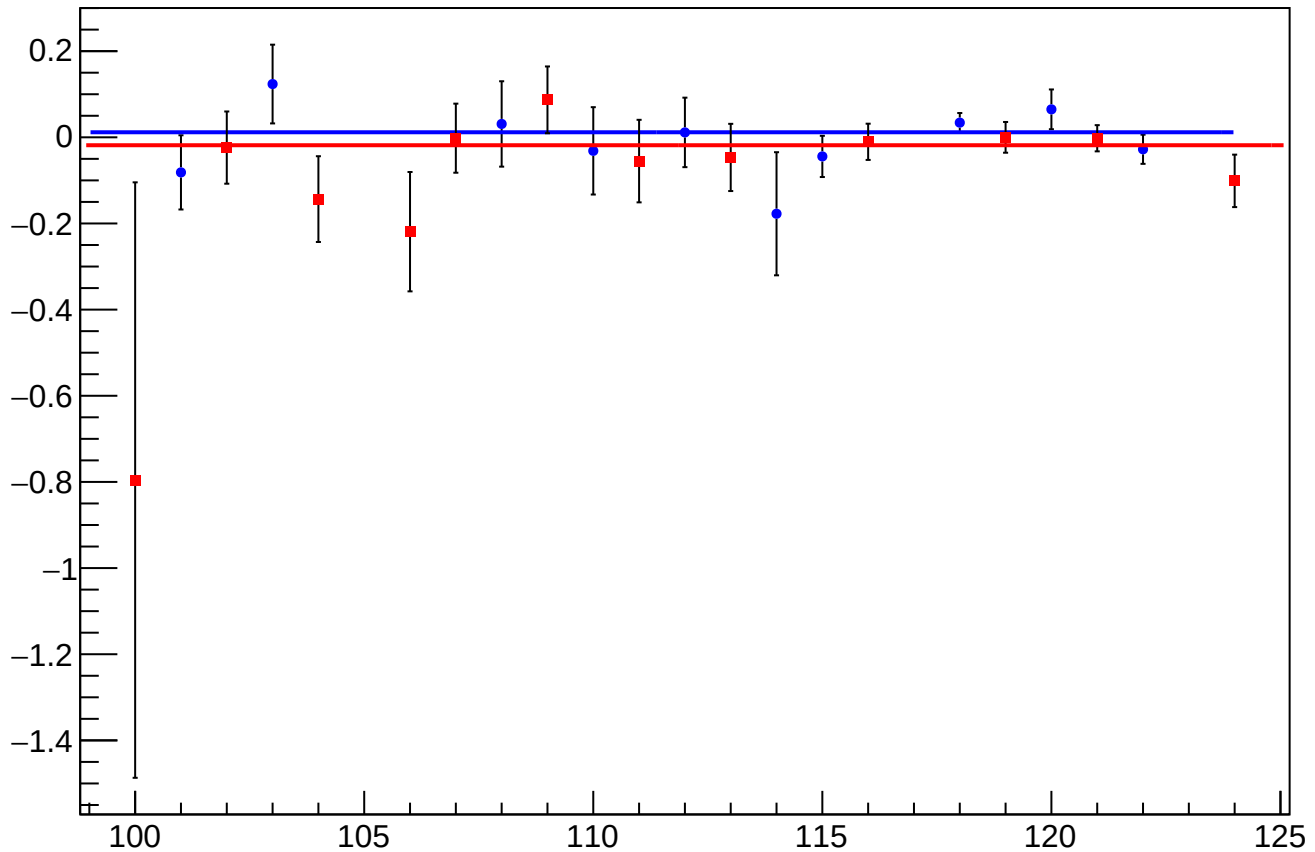
Right: 0.002+/-0.000 χ^2/NDF : 5875515.8/21

In: 0.003+/-0.000 χ^2/NDF :1603422.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5875515.8/21

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.017 χ^2 /NDF: 9.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

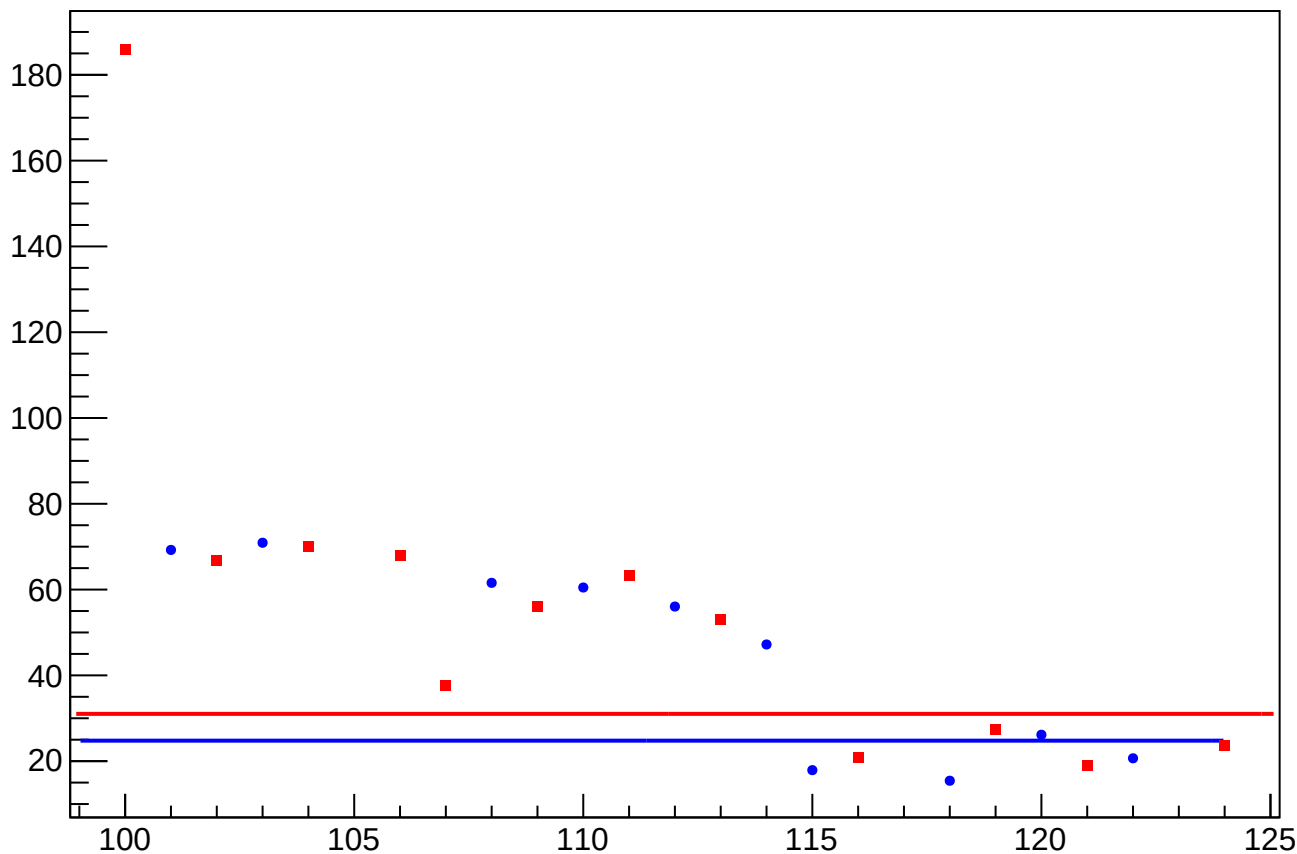
Right: -0.002 $\pm$ 0.011 χ^2 /NDF: 21.0/21

In: 0.012 $\pm$ 0.015 χ^2 /NDF:9.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.011 χ^2 /NDF: 21.0/21

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.777+/-0.011 χ^2/NDF : 2337609.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.025+/-0.012 χ^2/NDF : 1994854.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

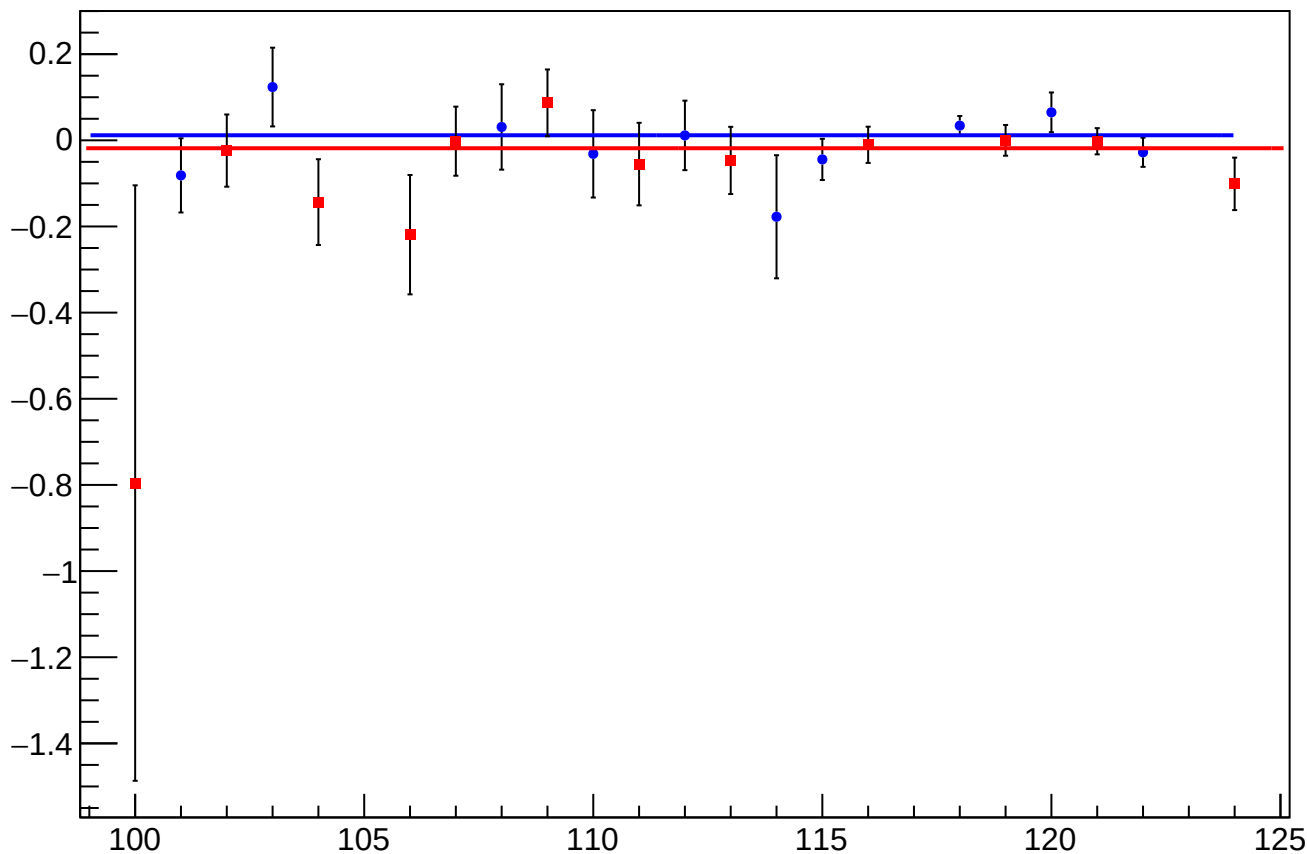
Right: 27.573+/-0.008 χ^2/NDF : 4487472.1/21

In: 24.777+/-0.011 χ^2/NDF : 2337609.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.573+/-0.008 χ^2/NDF : 4487472.1/21

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.017 χ^2 /NDF: 9.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

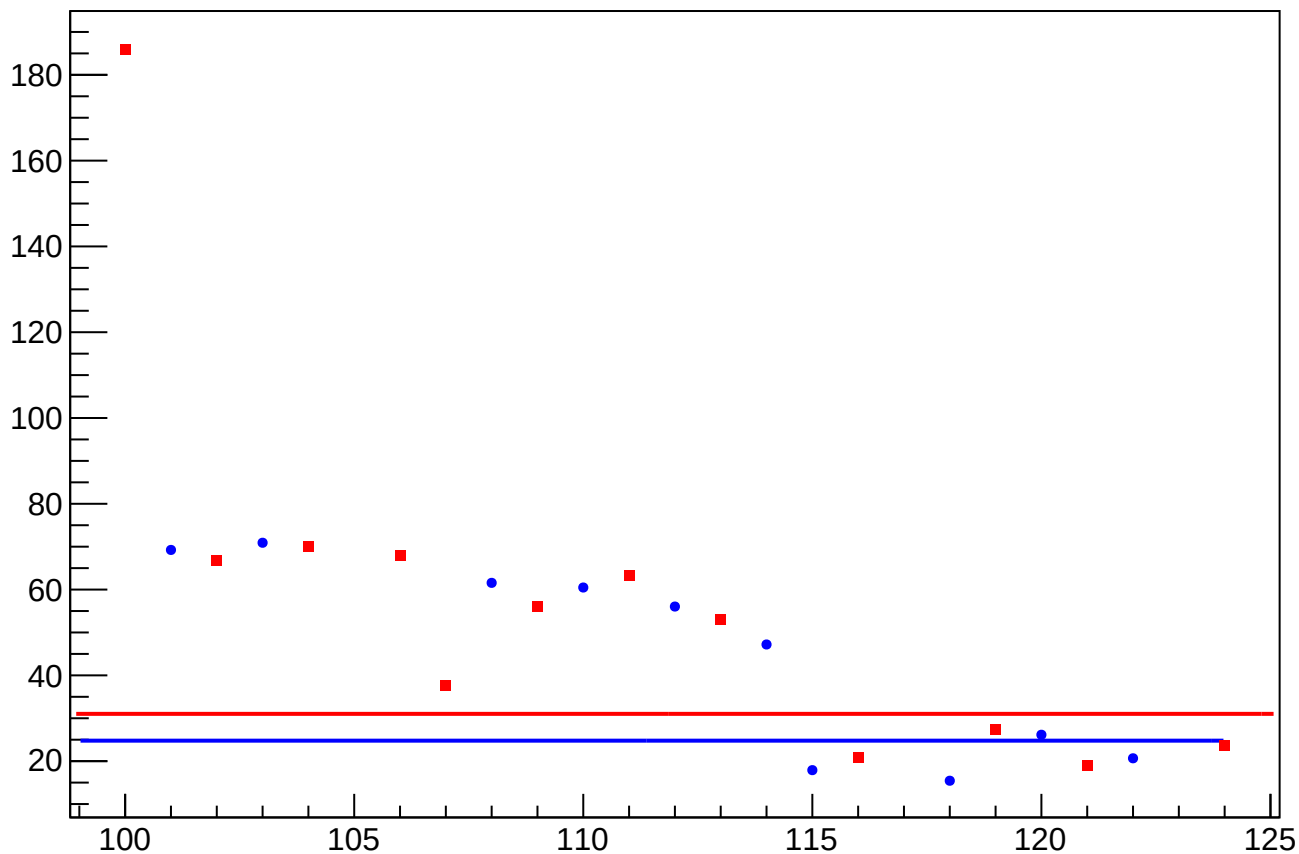
Right: -0.002 $\pm$ 0.011 χ^2 /NDF: 21.0/21

In: 0.012 $\pm$ 0.015 χ^2 /NDF:9.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.011 χ^2 /NDF: 21.0/21

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.777 $\pm$ 0.011 χ^2 /NDF: 2337609.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.025 $\pm$ 0.012 χ^2 /NDF: 1994854.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

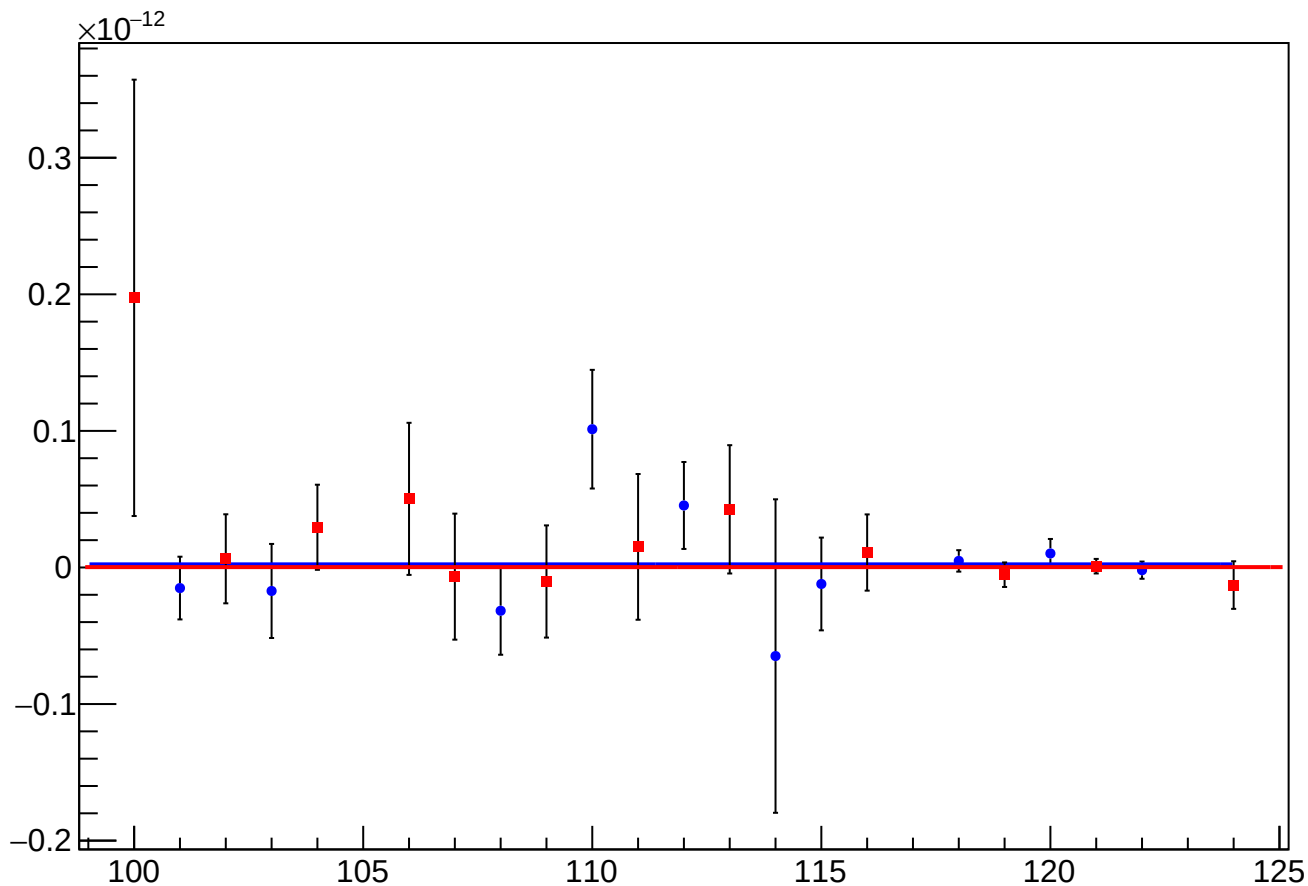
Right: 27.573 $\pm$ 0.008 χ^2 /NDF: 4487472.1/21

In: 24.777 $\pm$ 0.011 χ^2 /NDF:2337609.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.573 $\pm$ 0.008 χ^2 /NDF: 4487472.1/21

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

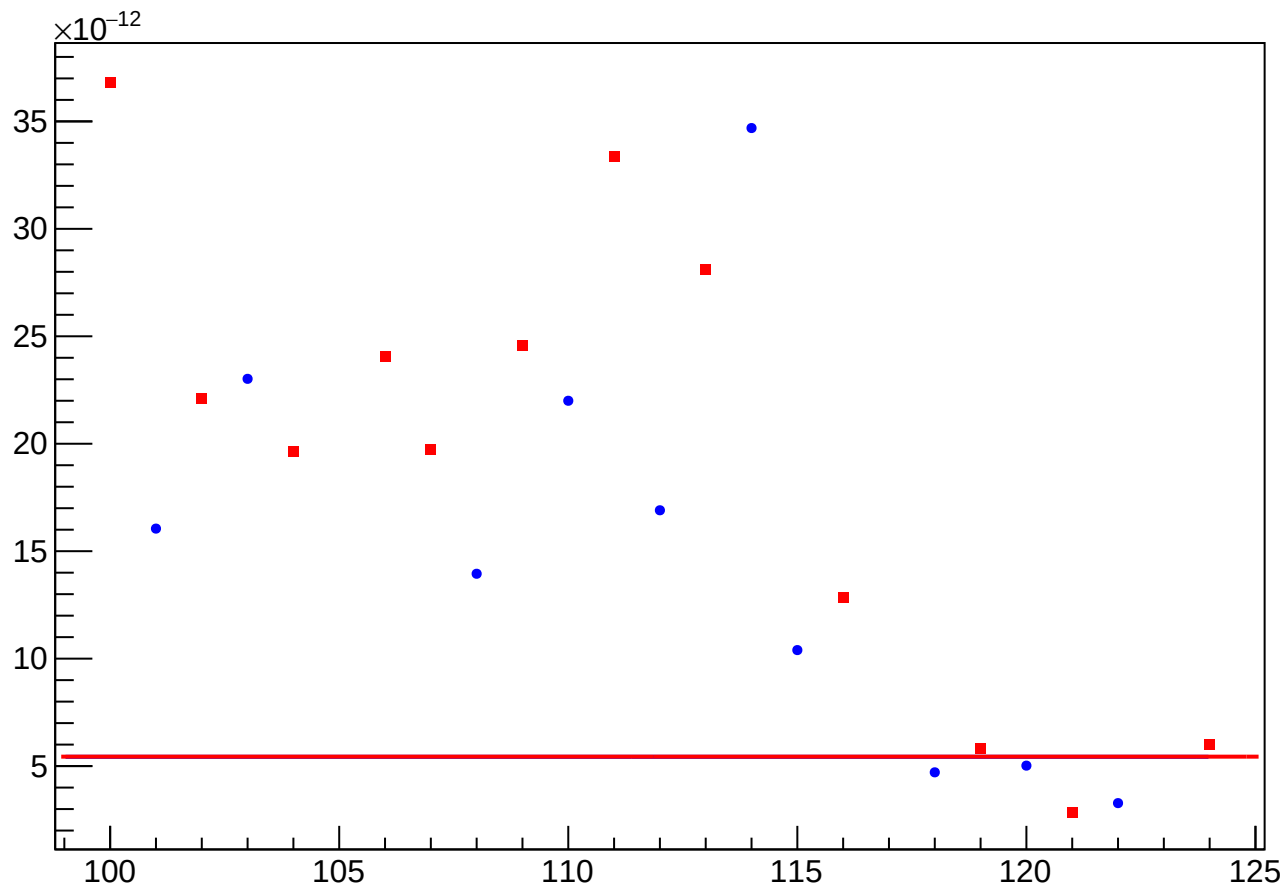
Right: 0.000+/-0.000 χ^2/NDF : 16.1/21

In: 0.000+/-0.000 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/21

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2067286.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3507052.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

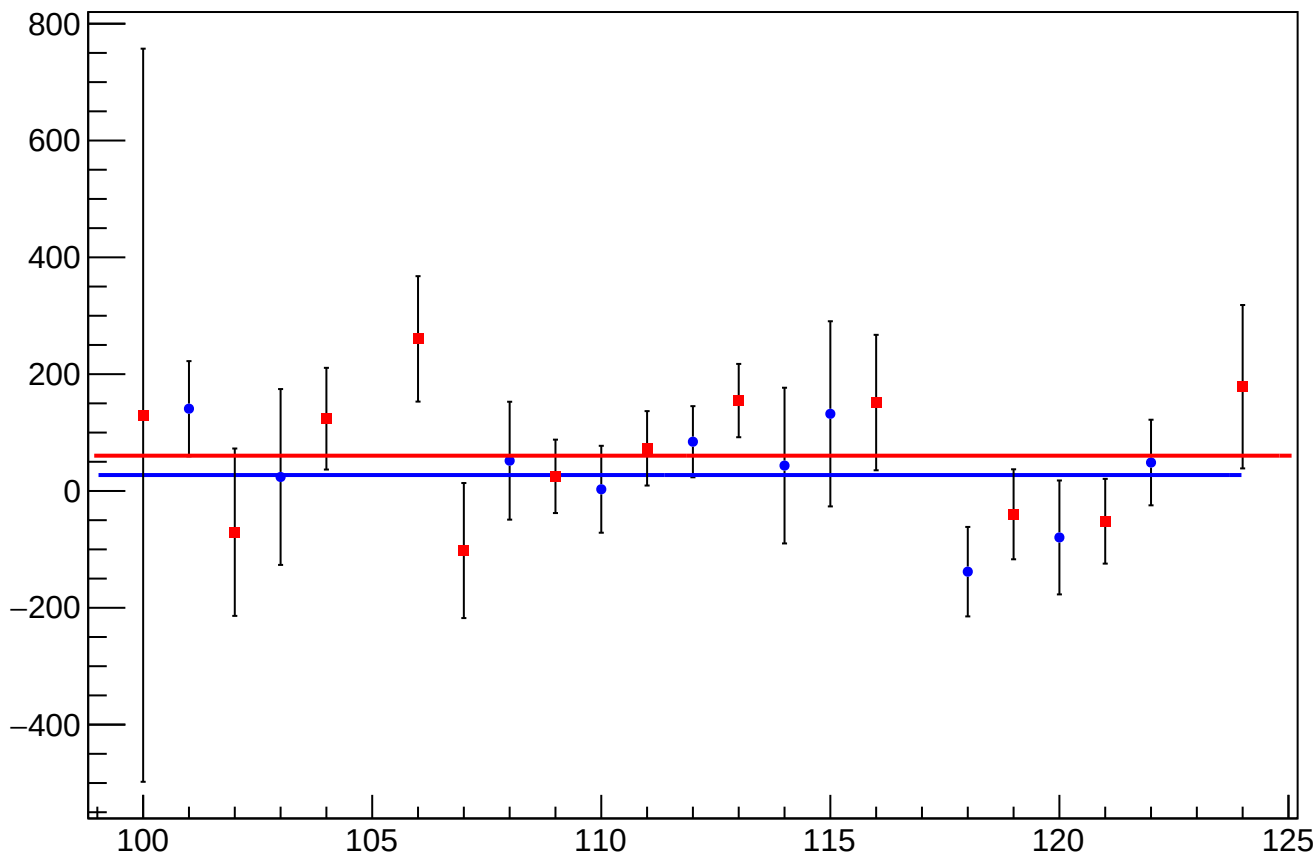
Right: 0.000+/-0.000 χ^2/NDF : 5574342.0/21

In: 0.000+/-0.000 χ^2/NDF : 2067286.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5574342.0/21

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 27.291+/-27.723 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.438+/-25.141 χ^2/NDF : 14.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

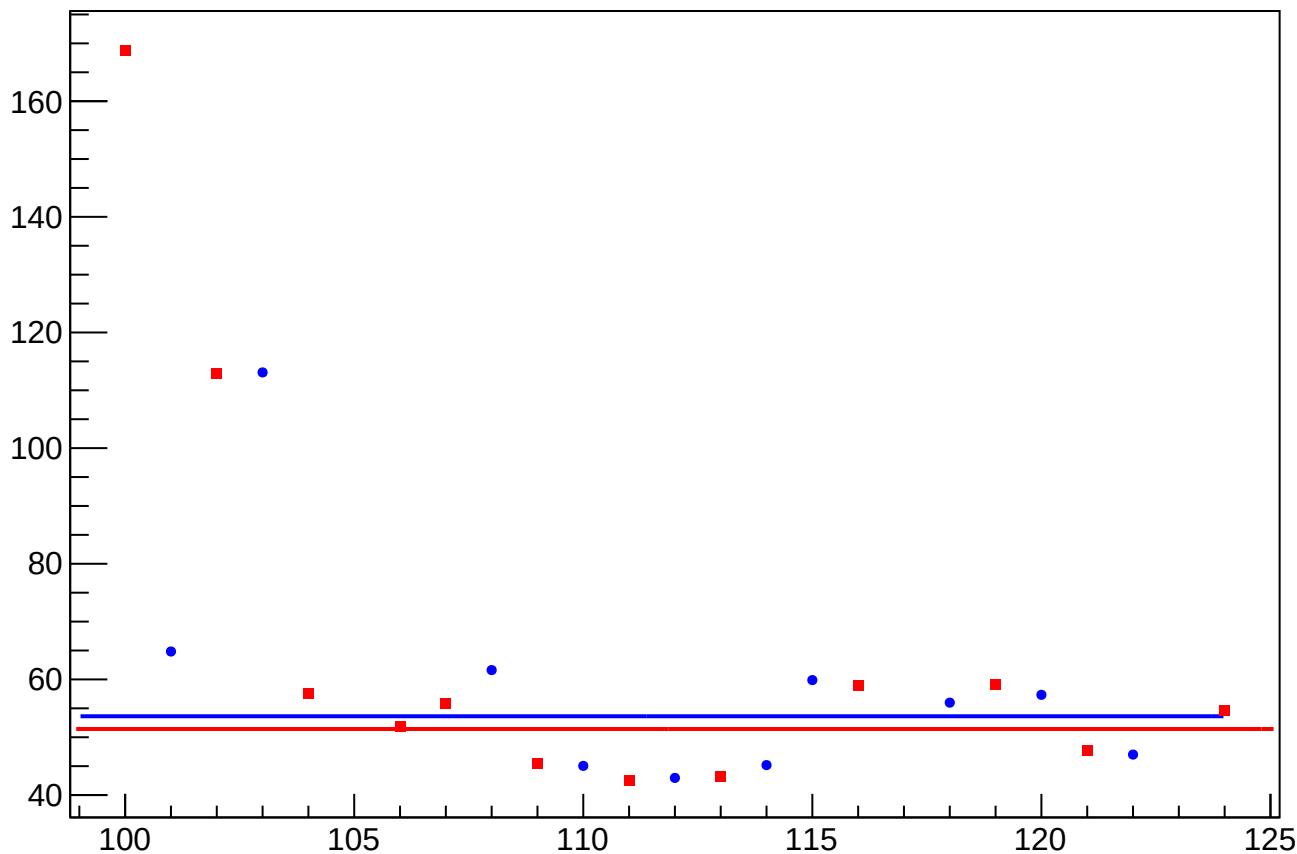
Right: 45.480+/-18.623 χ^2/NDF : 25.0/21

In: 27.291+/-27.723 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.480+/-18.623 χ^2/NDF : 25.0/21

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.629 $\pm$ 0.020 χ^2 /NDF: 482542.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.428 $\pm$ 0.018 χ^2 /NDF: 578121.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

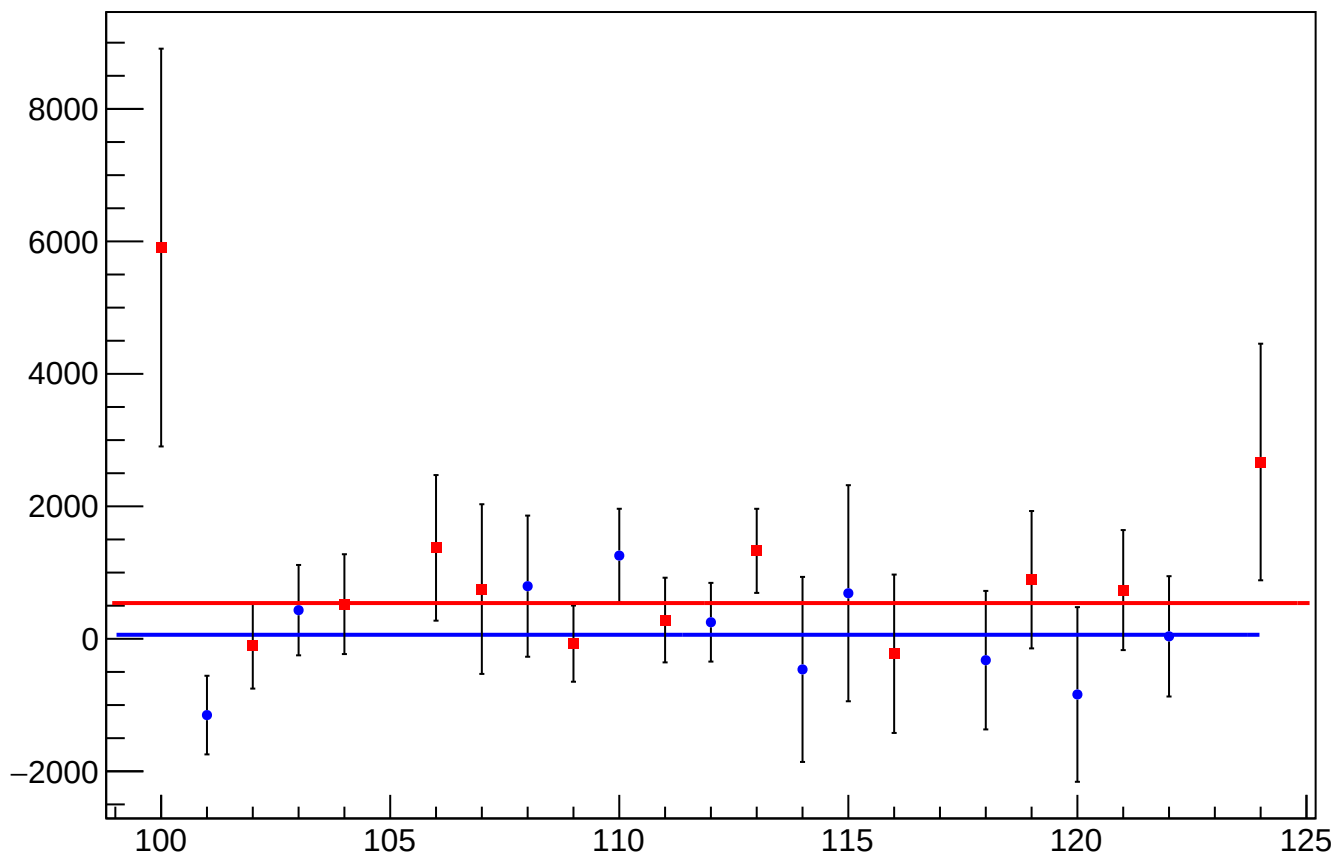
Right: 52.421 $\pm$ 0.013 χ^2 /NDF: 1067584.2/21

In: 53.629 $\pm$ 0.020 χ^2 /NDF:482542.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.421 $\pm$ 0.013 χ^2 /NDF: 1067584.2/21

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 60.930+/-264.530 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.782+/-243.760 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

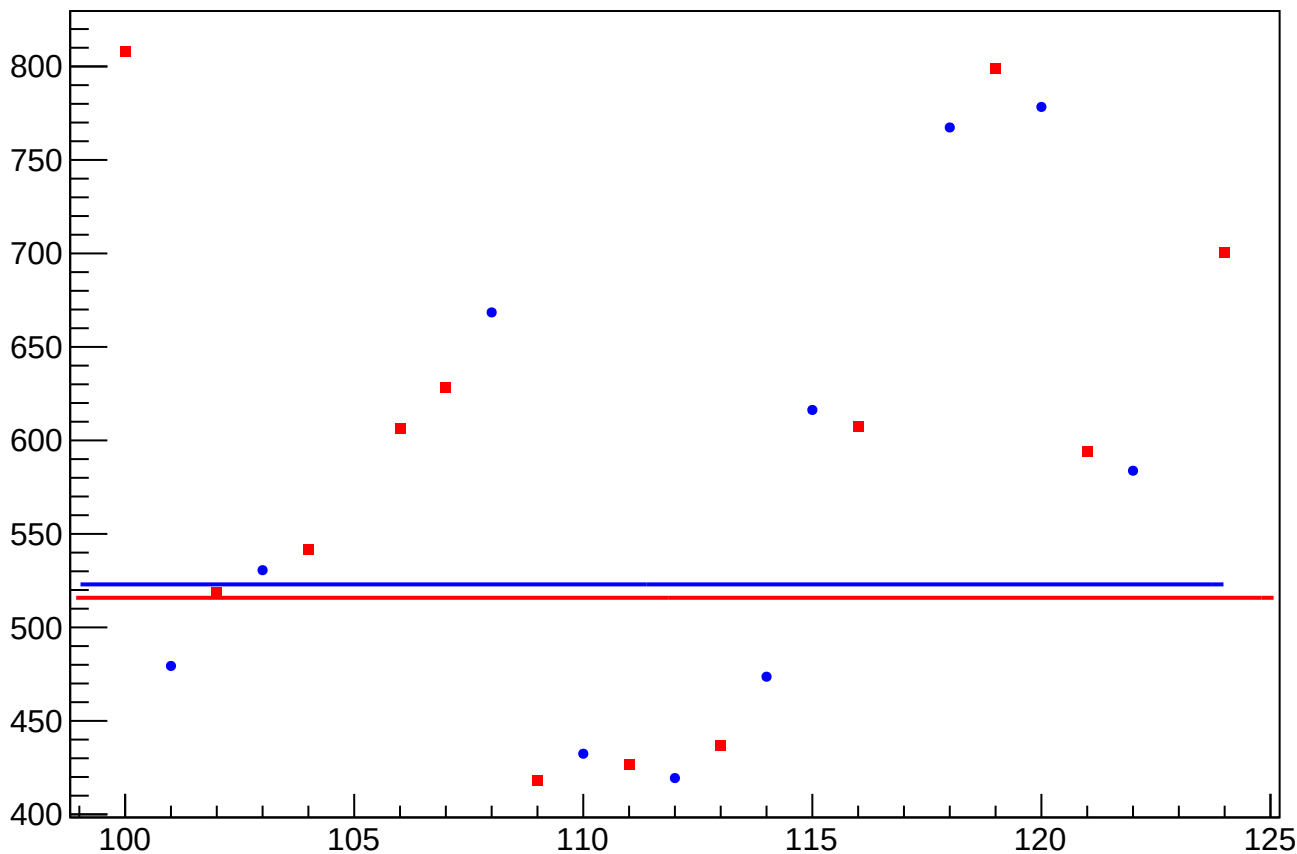
Right: 319.891+/-179.258 χ^2/NDF : 20.2/21

In: 60.930+/-264.530 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.891+/-179.258 χ^2/NDF : 20.2/21

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 523.001 $\pm$ 0.187 χ^2 /NDF: 344135.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 515.838 $\pm$ 0.172 χ^2 /NDF: 374403.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

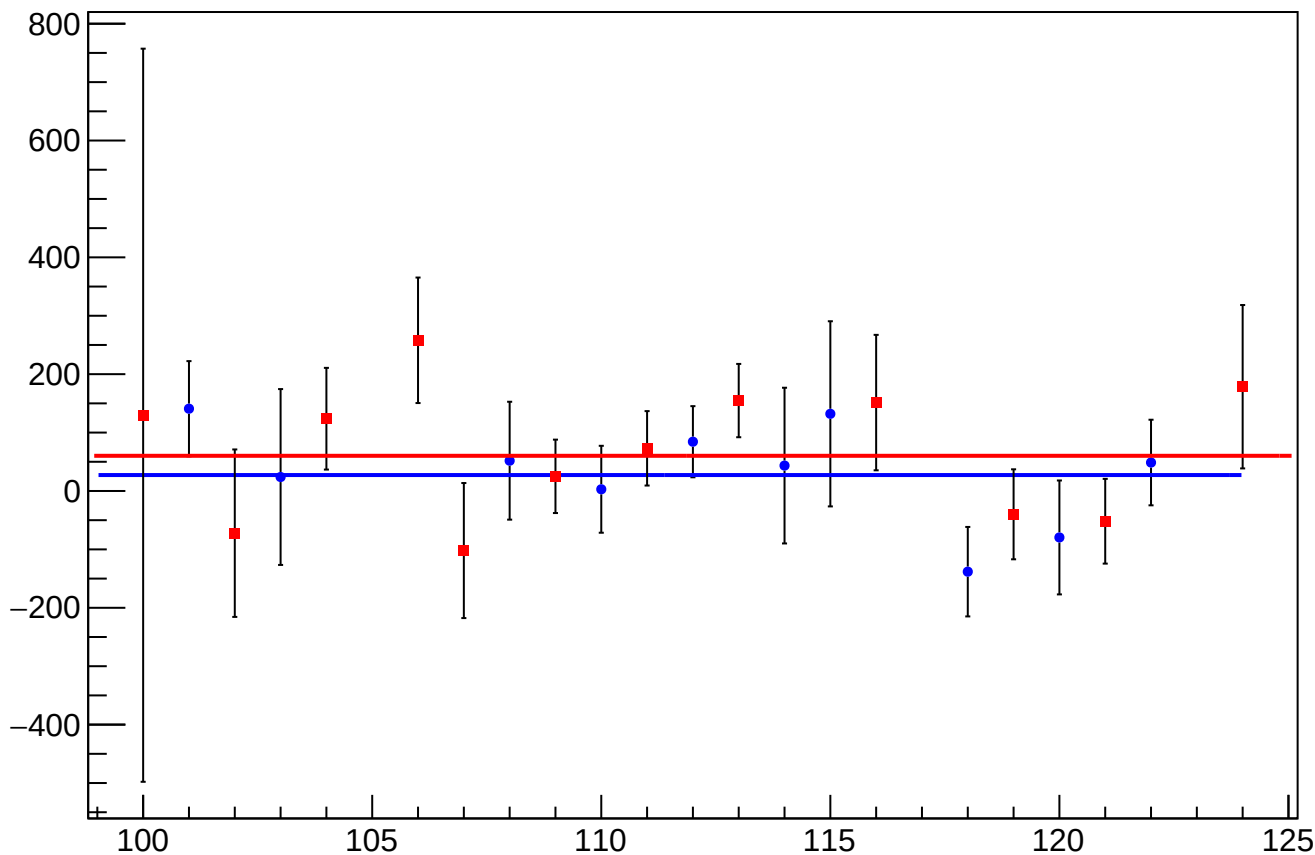
Right: 519.127 $\pm$ 0.127 χ^2 /NDF: 719332.0/21

In: 523.001 $\pm$ 0.187 χ^2 /NDF:344135.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 519.127 $\pm$ 0.127 χ^2 /NDF: 719332.0/21

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 27.286+/-27.723 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.243+/-25.142 χ^2/NDF : 14.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

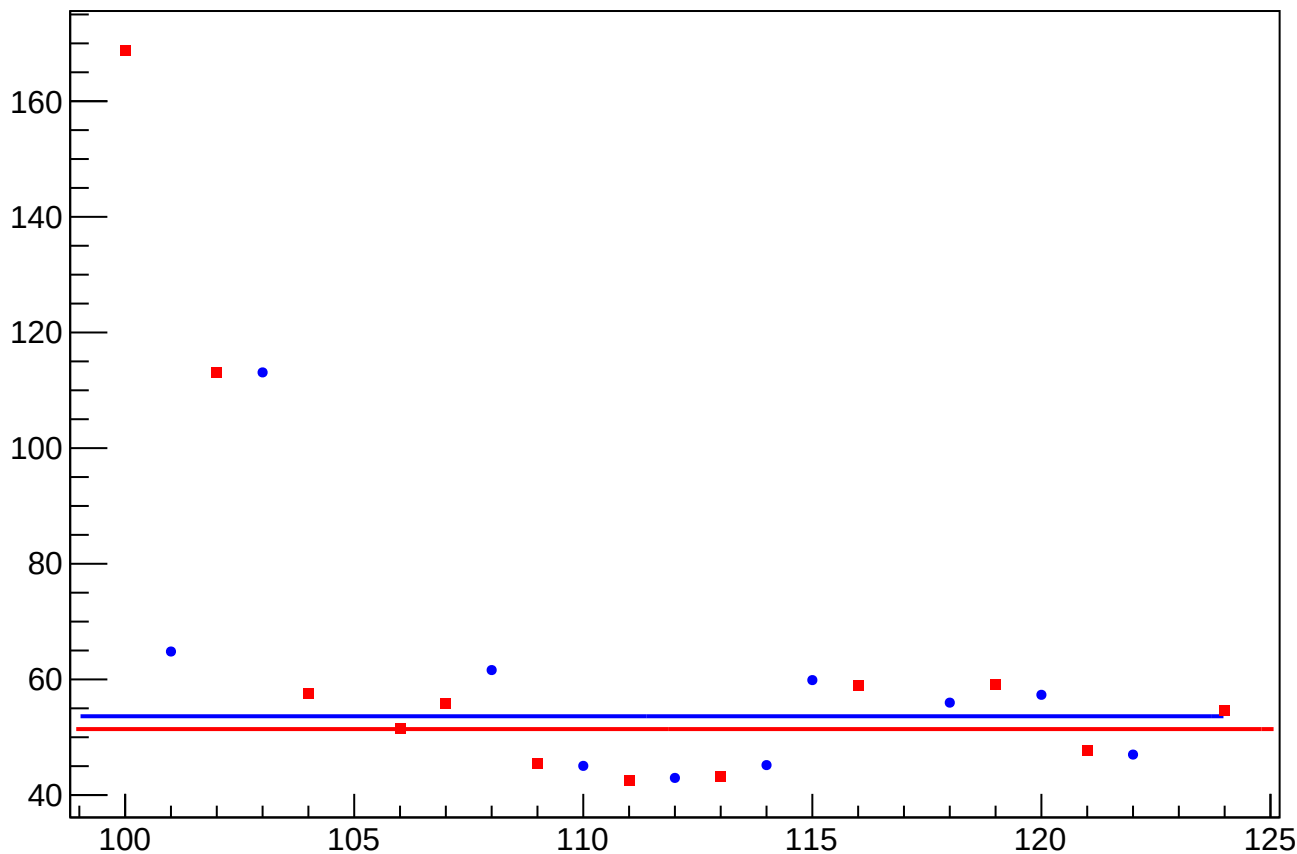
Right: 45.370+/-18.624 χ^2/NDF : 25.0/21

In: 27.286+/-27.723 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.370+/-18.624 χ^2/NDF : 25.0/21

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.629 $\pm$ 0.020 χ^2 /NDF: 482545.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.411 $\pm$ 0.018 χ^2 /NDF: 578328.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

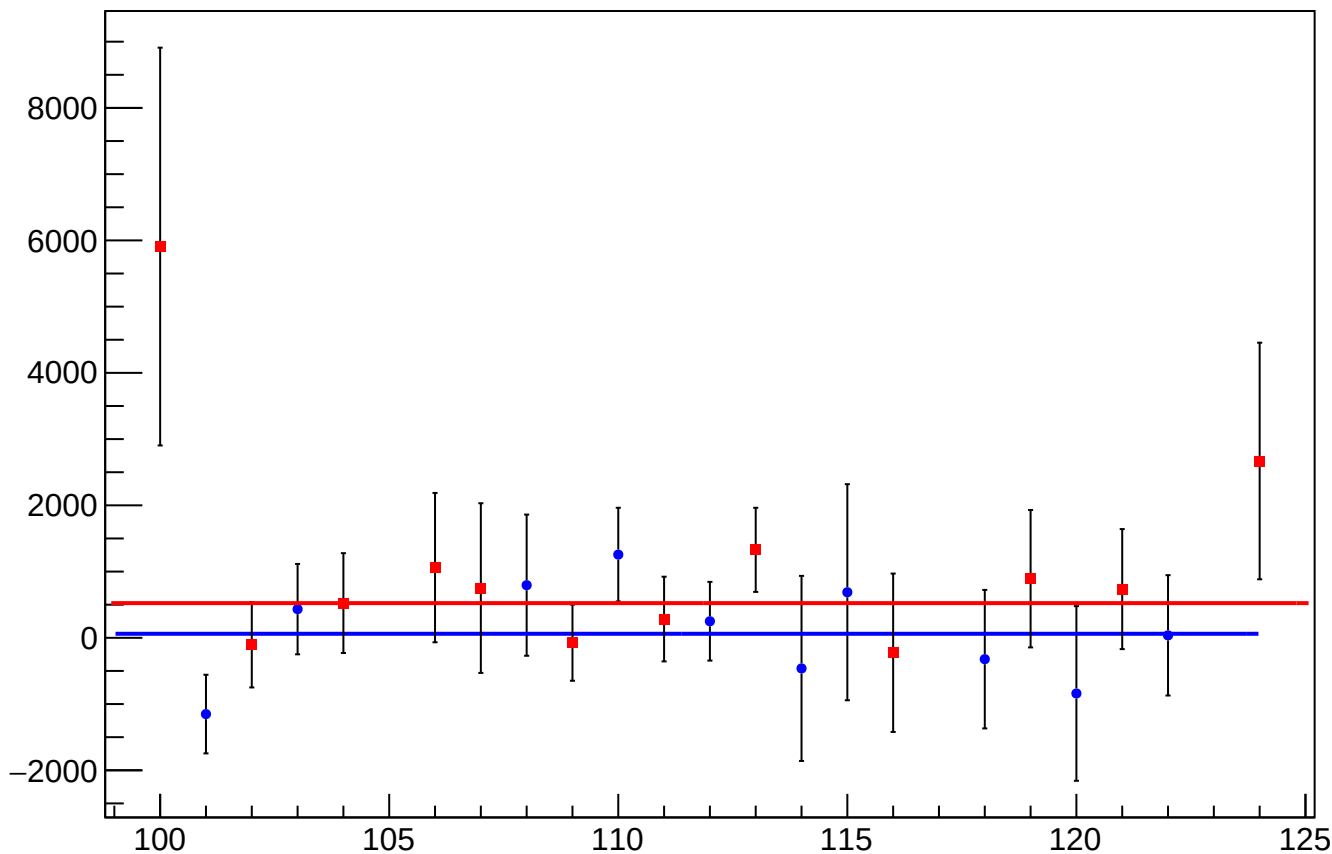
Right: 52.412 $\pm$ 0.013 χ^2 /NDF: 1067899.4/21

In: 53.629 $\pm$ 0.020 χ^2 /NDF:482545.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.412 $\pm$ 0.013 χ^2 /NDF: 1067899.4/21

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.973+/-264.534 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.761+/-244.090 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

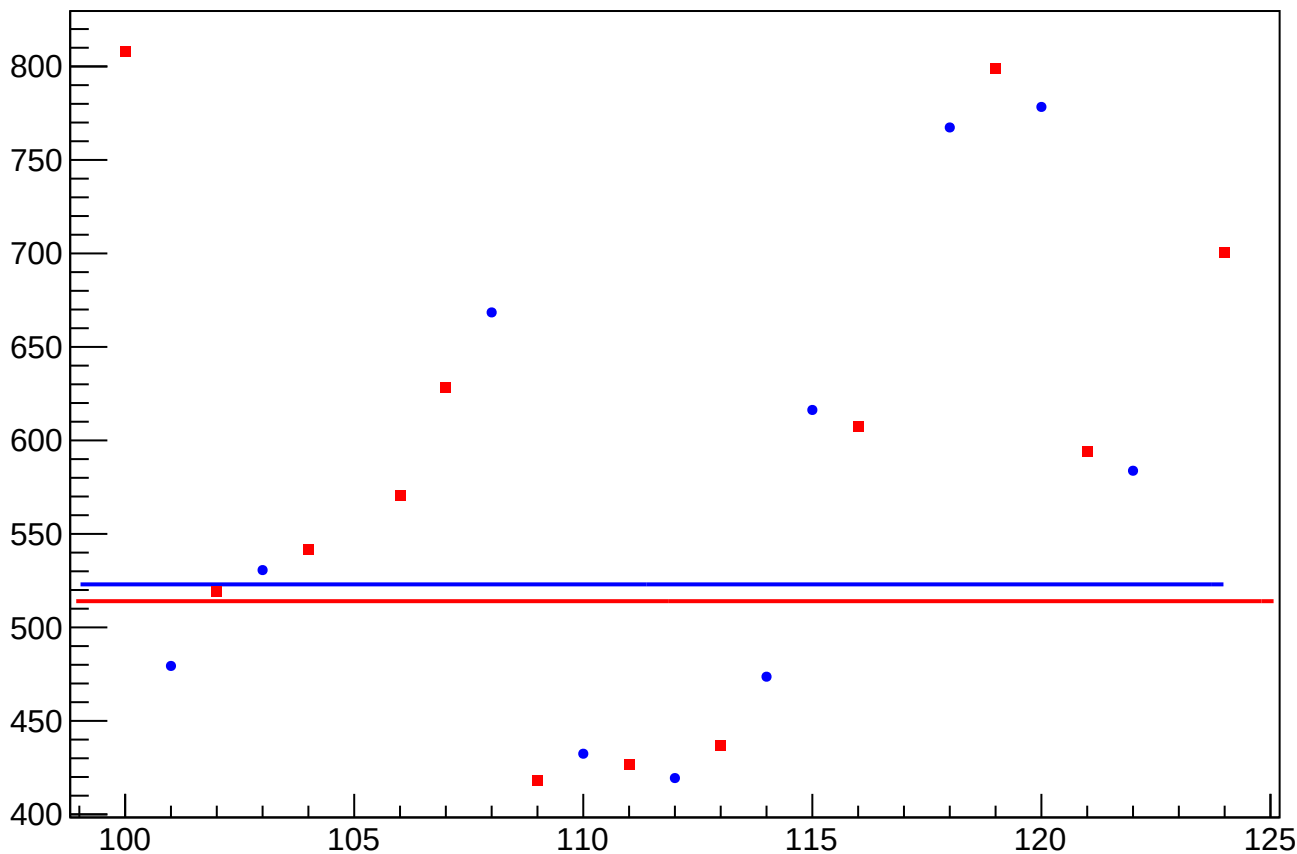
Right: 310.939+/-179.390 χ^2/NDF : 19.7/21

In: 60.973+/-264.534 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.939+/-179.390 χ^2/NDF : 19.7/21

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.010 $\pm$ 0.187 χ^2 /NDF: 344138.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 514.024 $\pm$ 0.173 χ^2 /NDF: 365539.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

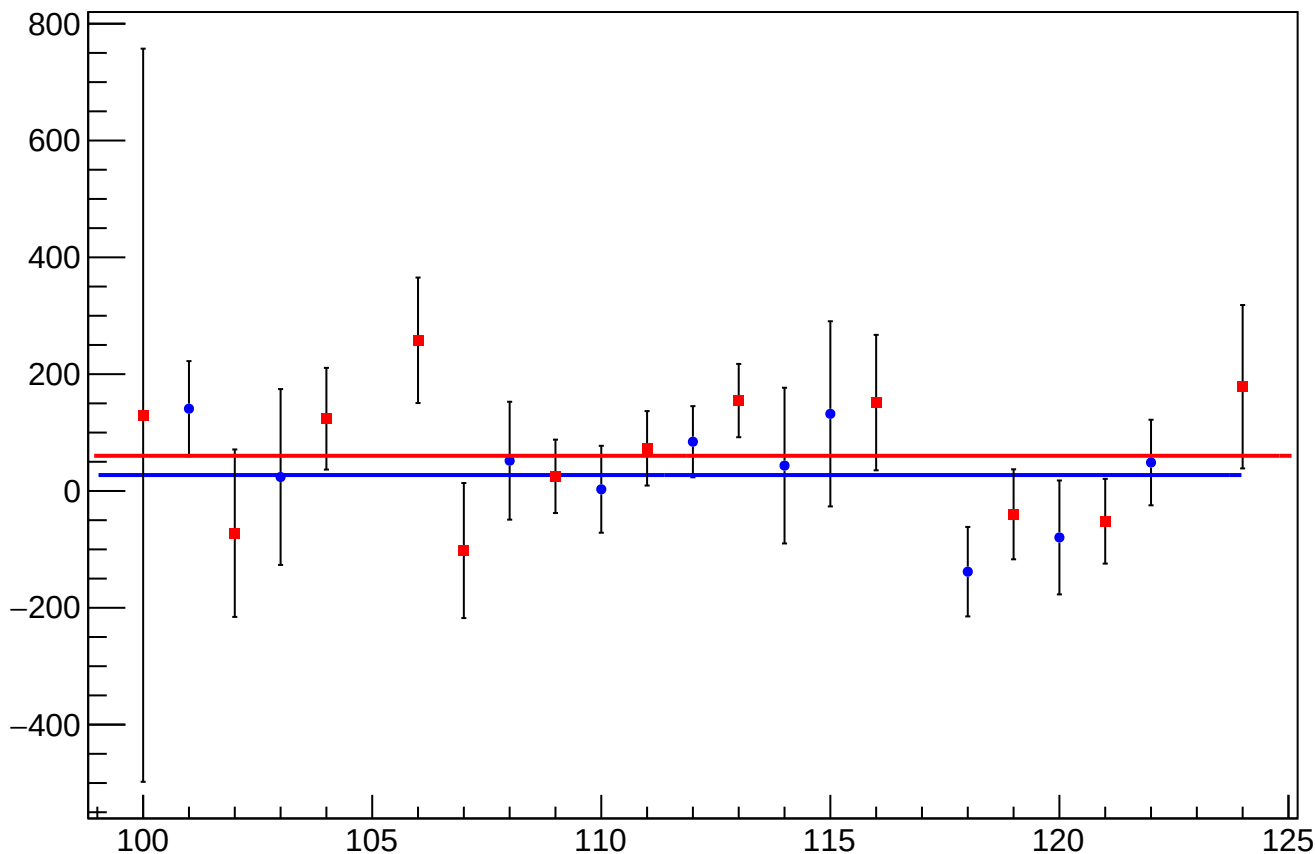
Right: 518.156 $\pm$ 0.127 χ^2 /NDF: 710924.0/21

In: 523.010 $\pm$ 0.187 χ^2 /NDF:344138.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 518.156 $\pm$ 0.127 χ^2 /NDF: 710924.0/21

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 27.286+/-27.723 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.243+/-25.142 χ^2/NDF : 14.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

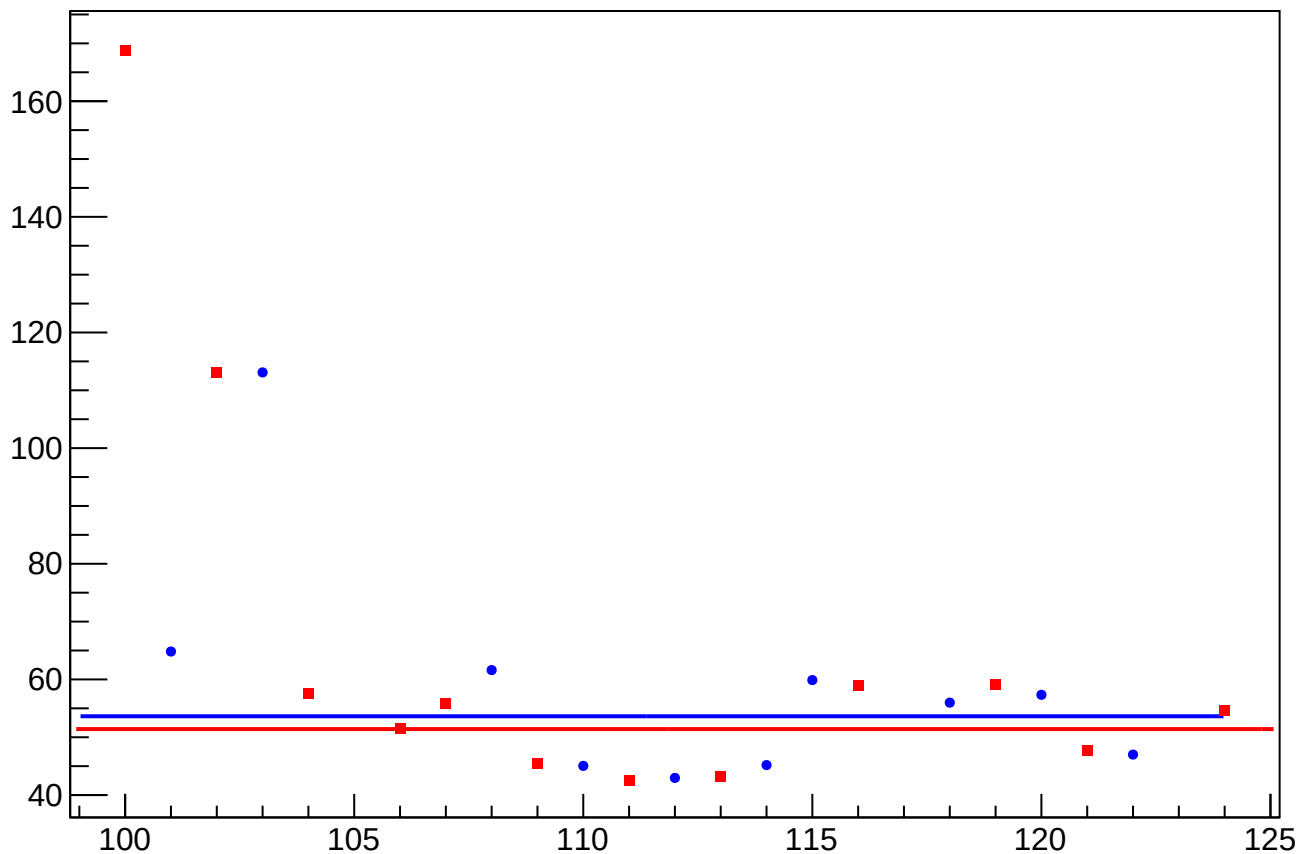
Right: 45.370+/-18.624 χ^2/NDF : 25.0/21

In: 27.286+/-27.723 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.370+/-18.624 χ^2/NDF : 25.0/21

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.629+/-0.020 χ^2/NDF : 482545.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.411+/-0.018 χ^2/NDF : 578328.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

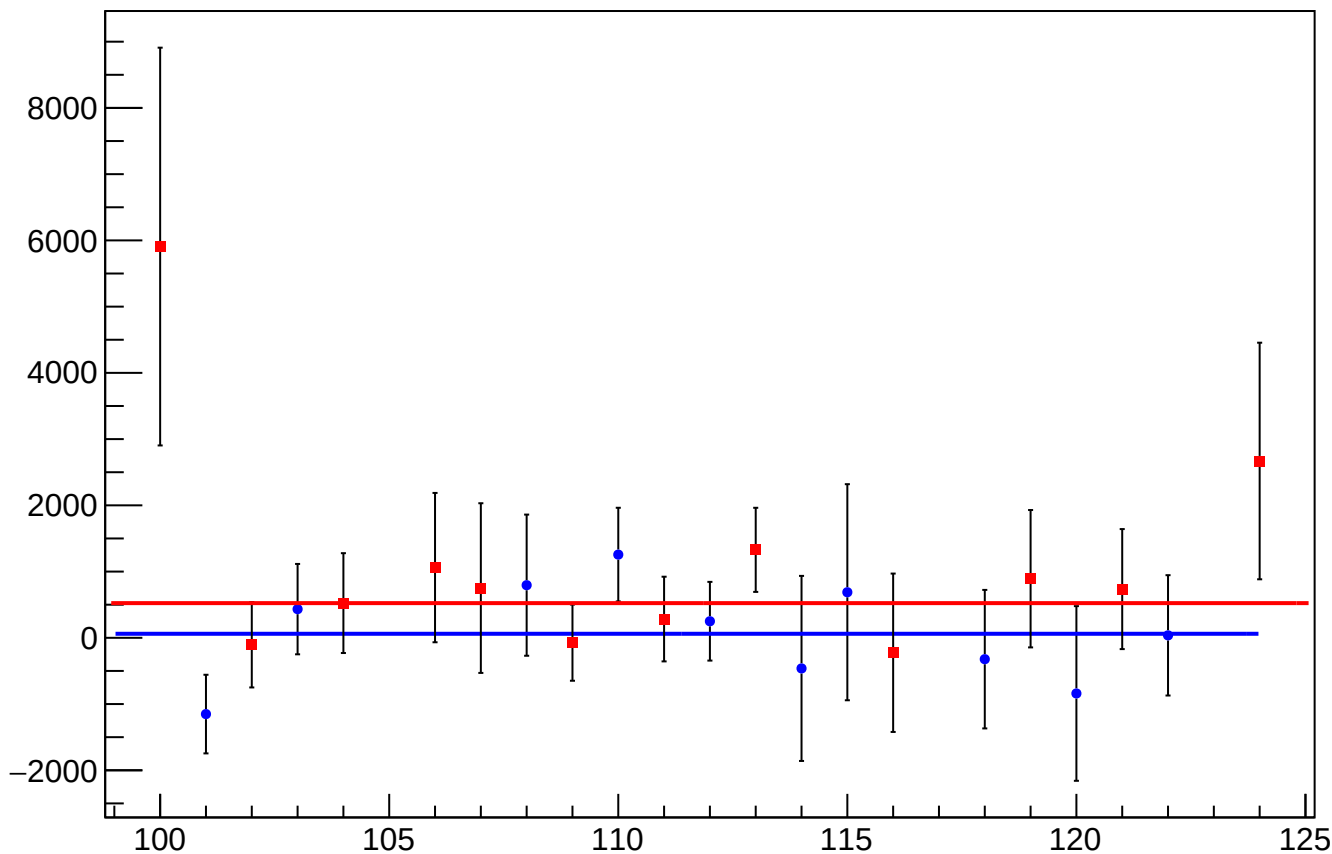
Right: 52.412+/-0.013 χ^2/NDF : 1067899.4/21

In: 53.629+/-0.020 χ^2/NDF : 482545.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.412+/-0.013 χ^2/NDF : 1067899.4/21

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.973+/-264.534 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.761+/-244.090 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

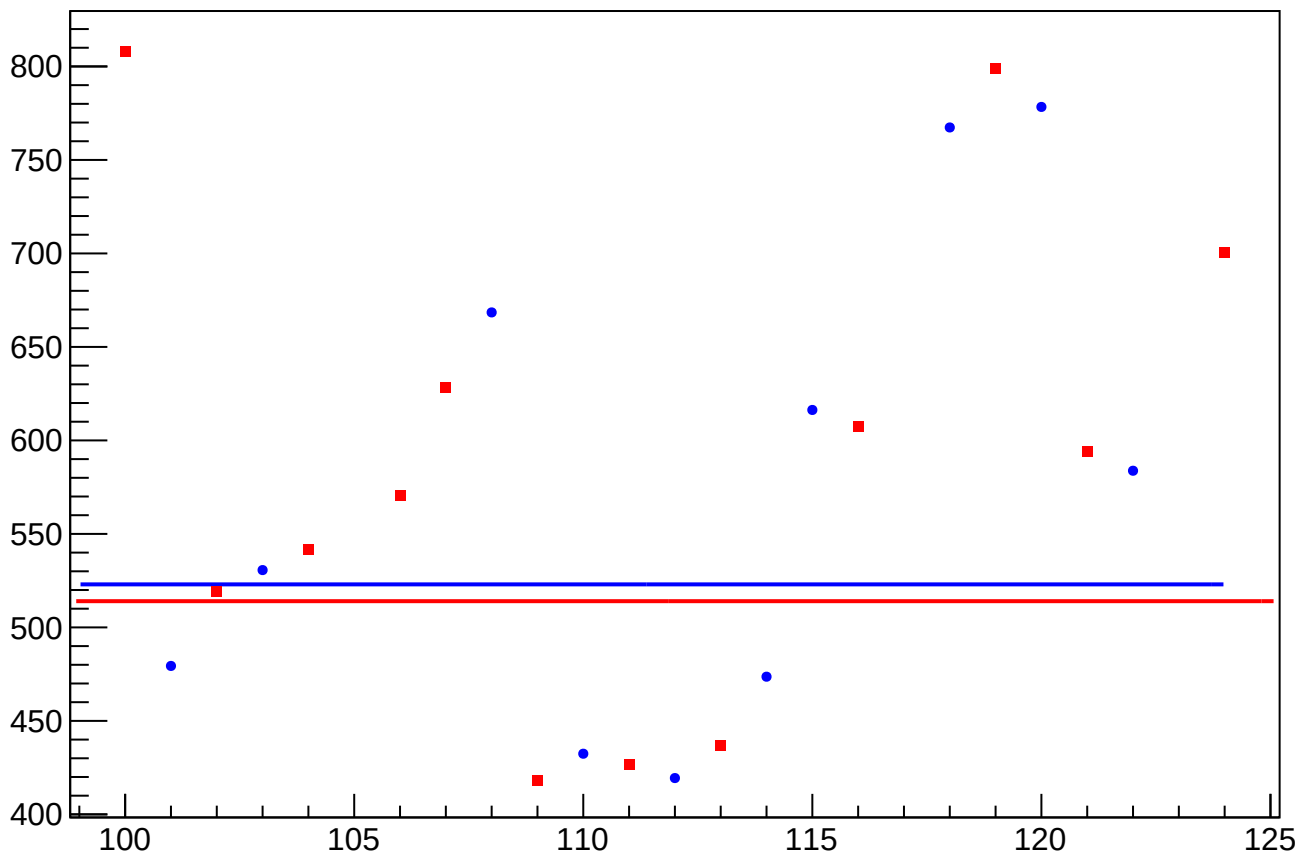
Right: 310.939+/-179.390 χ^2/NDF : 19.7/21

In: 60.973+/-264.534 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.939+/-179.390 χ^2/NDF : 19.7/21

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.010 $\pm$ 0.187 χ^2 /NDF: 344138.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 514.024 $\pm$ 0.173 χ^2 /NDF: 365539.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

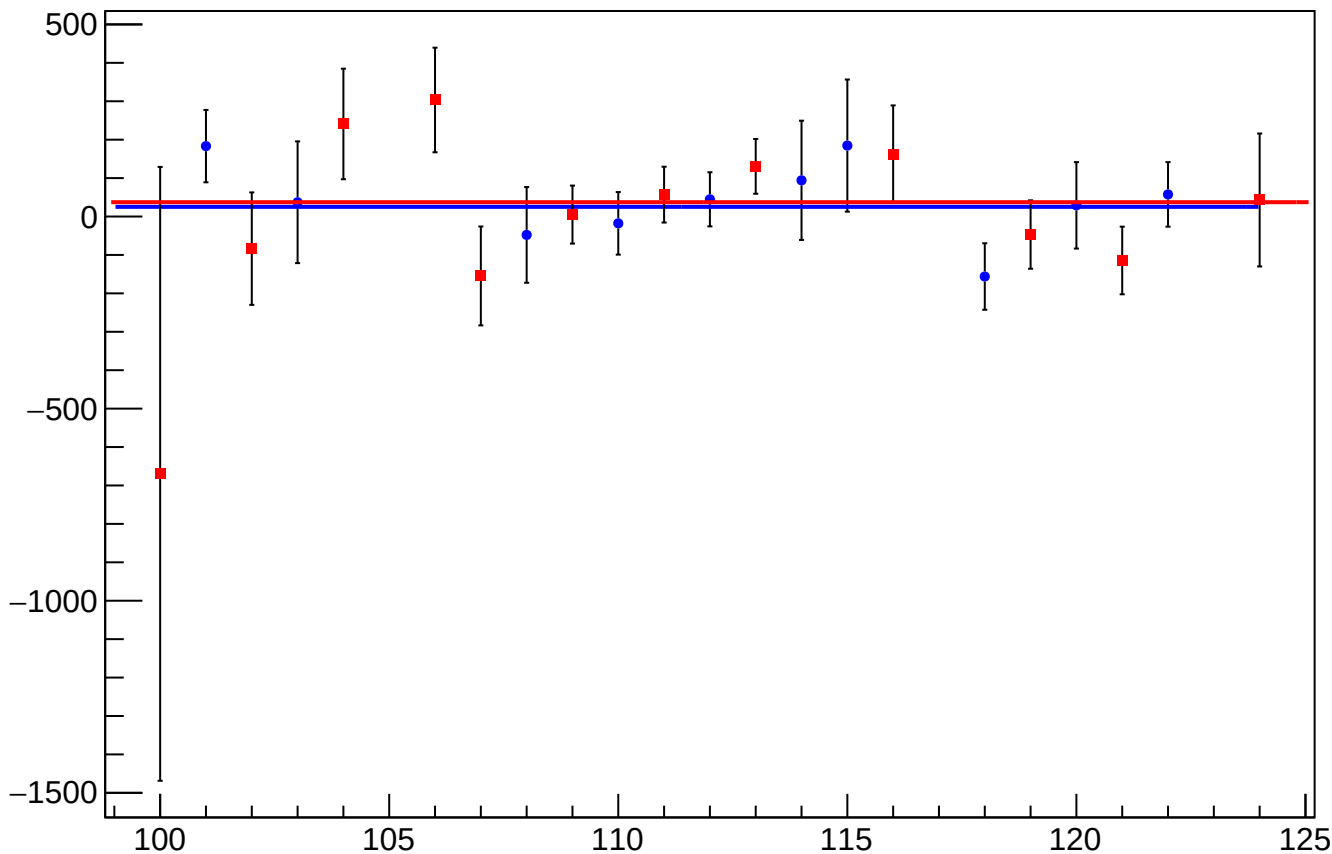
Right: 518.156 $\pm$ 0.127 χ^2 /NDF: 710924.0/21

In: 523.010 $\pm$ 0.187 χ^2 /NDF:344138.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 518.156 $\pm$ 0.127 χ^2 /NDF: 710924.0/21

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 25.183+/-31.641 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.314+/-29.837 χ^2/NDF : 16.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

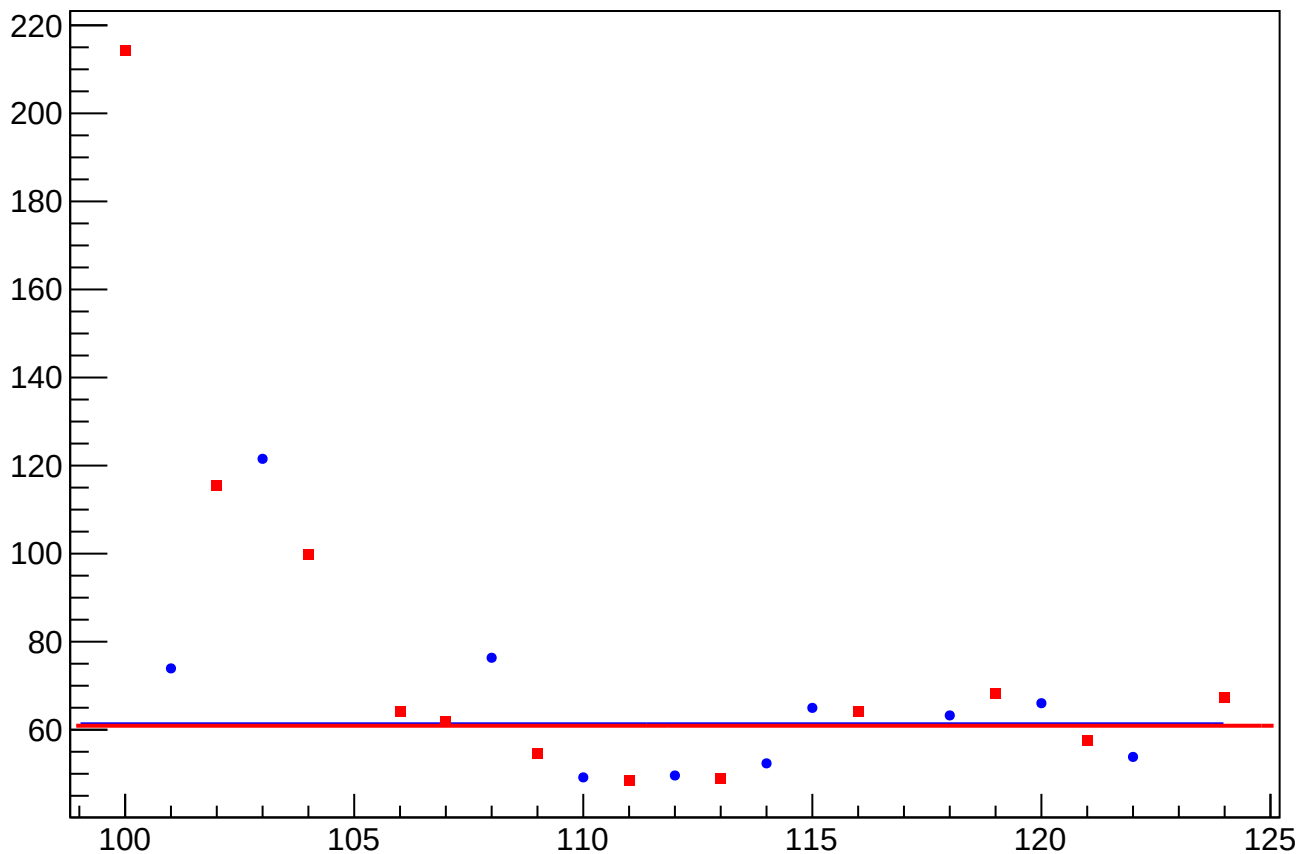
Right: 31.604+/-21.707 χ^2/NDF : 25.5/21

In: 25.183+/-31.641 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.604+/-21.707 χ^2/NDF : 25.5/21

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 61.239+/-0.022 χ^2/NDF : 481507.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.913+/-0.021 χ^2/NDF : 649537.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

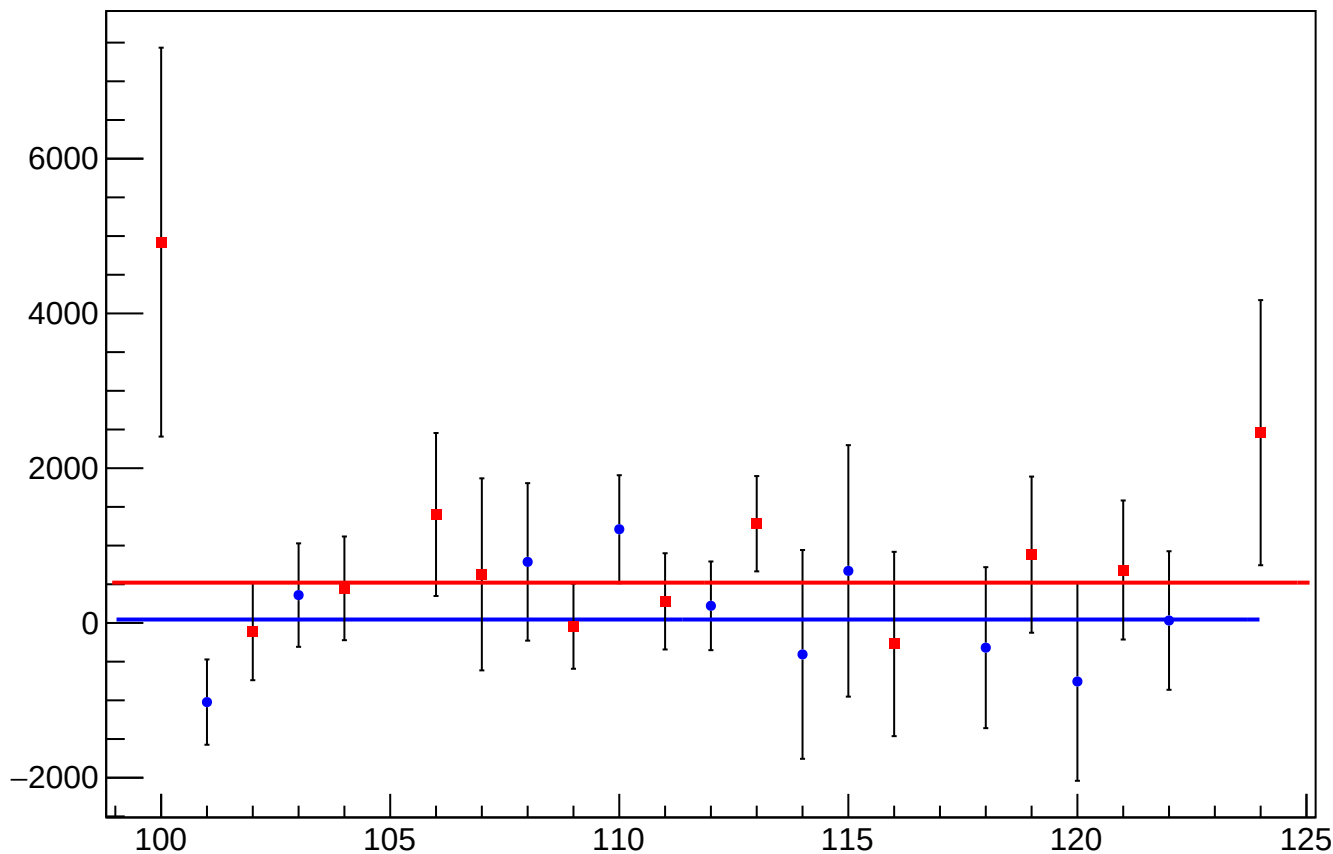
Right: 61.066+/-0.015 χ^2/NDF : 1131157.4/21

In: 61.239+/-0.022 χ^2/NDF :481507.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.066+/-0.015 χ^2/NDF : 1131157.4/21

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 44.464+/-255.655 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.033+/-234.162 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

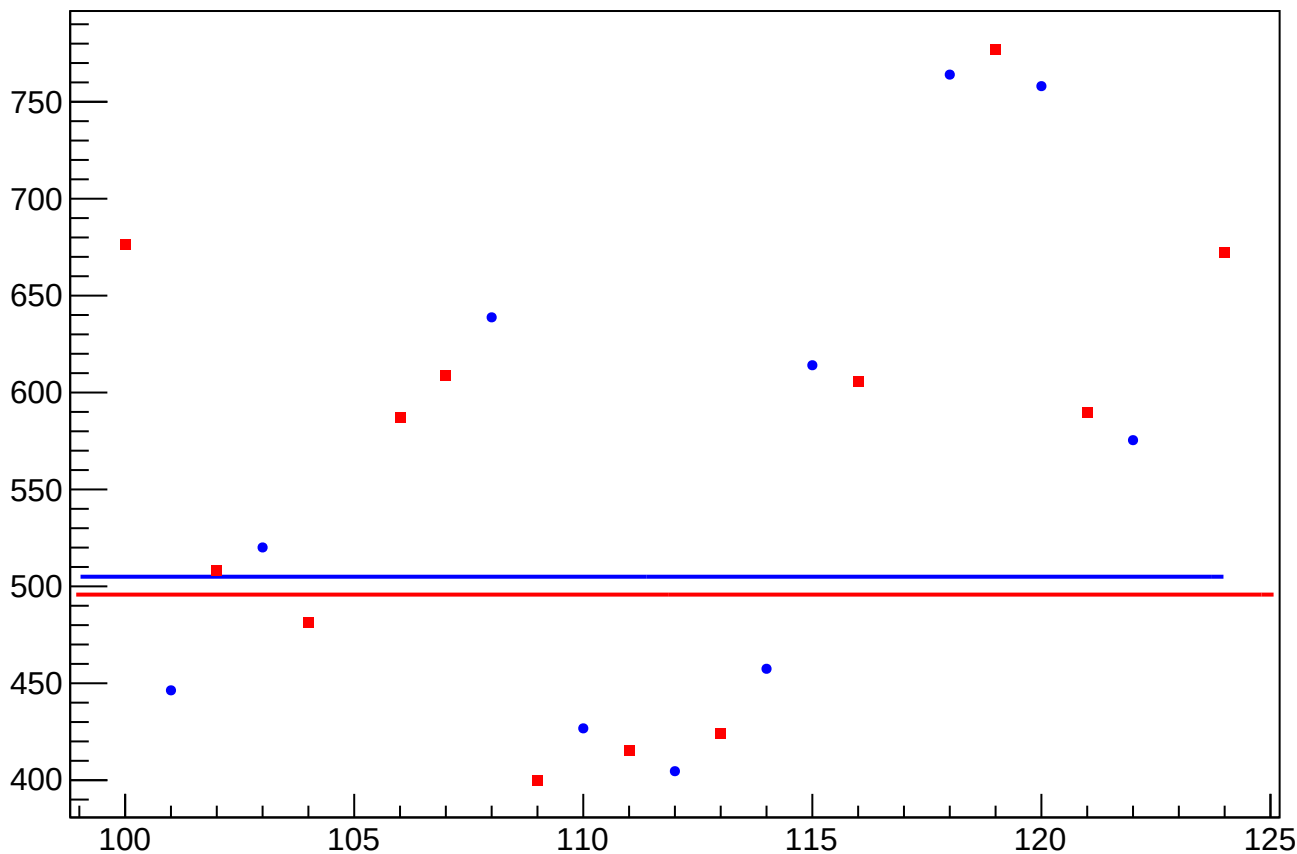
Right: 303.620+/-172.677 χ^2/NDF : 19.5/21

In: 44.464+/-255.655 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.620+/-172.677 χ^2/NDF : 19.5/21

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 504.977+/-0.181 χ^2/NDF : 370339.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.749+/-0.166 χ^2/NDF : 380568.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

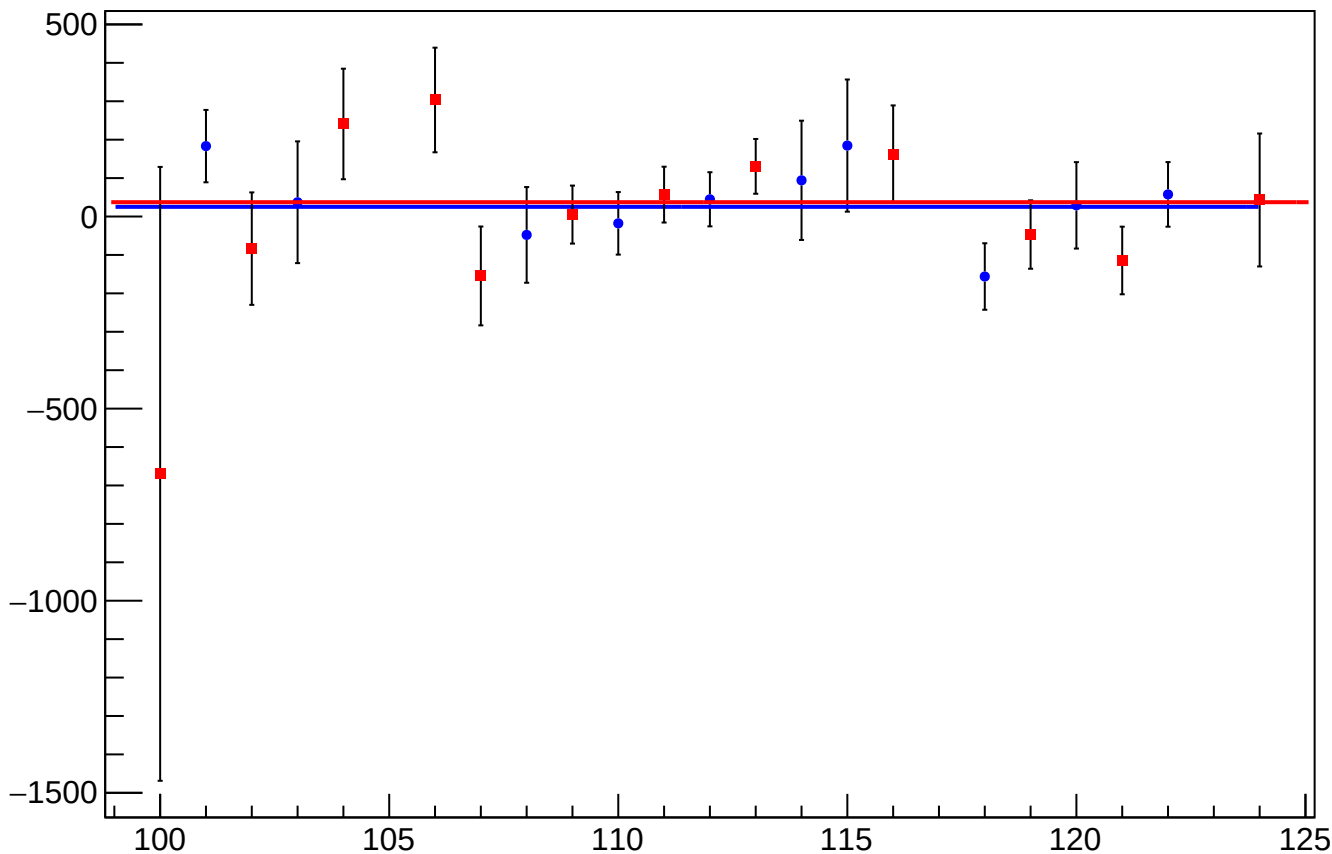
Right: 499.959+/-0.122 χ^2/NDF : 752325.1/21

In: 504.977+/-0.181 χ^2/NDF : 370339.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.959+/-0.122 χ^2/NDF : 752325.1/21

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 25.182+/-31.641 χ^2/NDF : 9.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 37.312+/-29.837 χ^2/NDF : 16.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

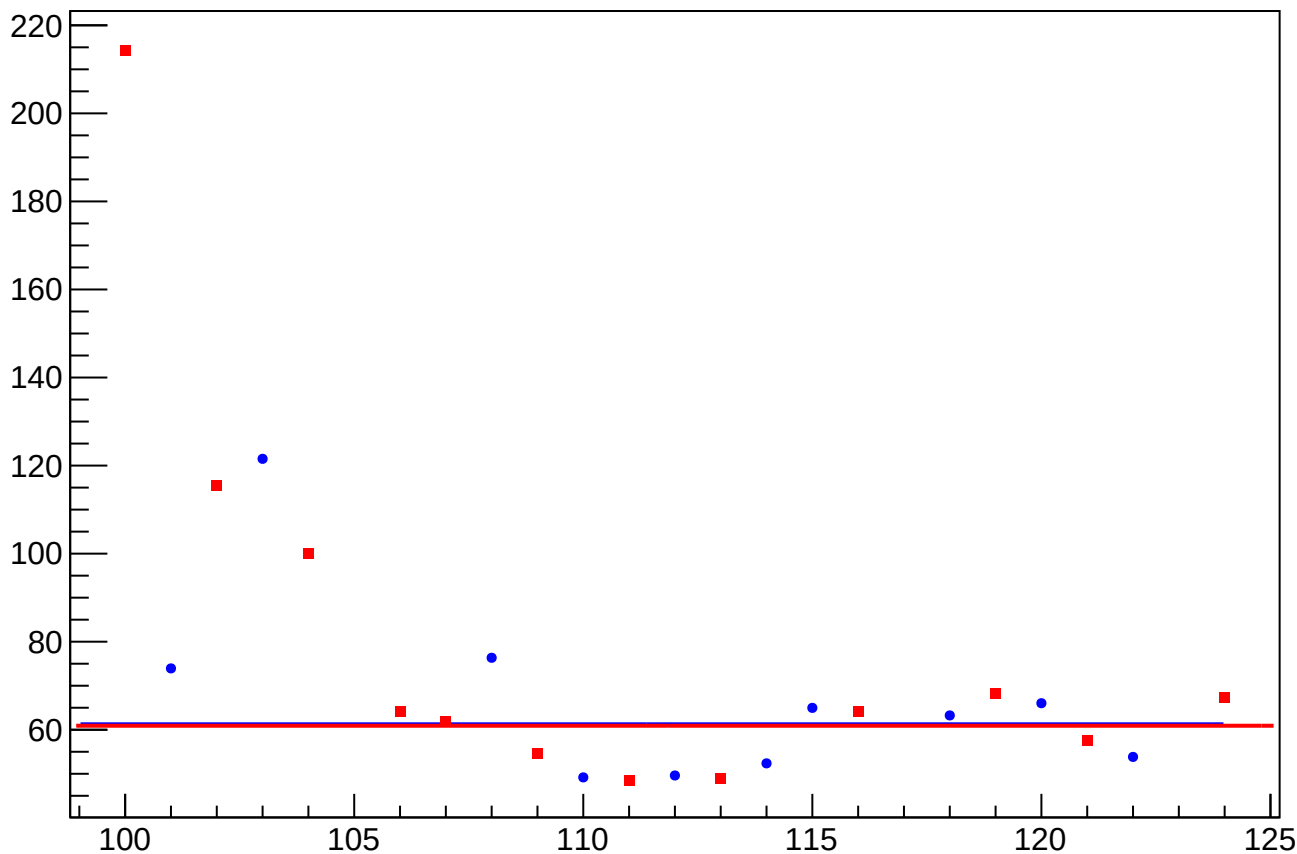
Right: 31.603+/-21.708 χ^2/NDF : 25.5/21

In: 25.182+/-31.641 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.603+/-21.708 χ^2/NDF : 25.5/21

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 61.239+/-0.022 χ^2/NDF : 481505.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.913+/-0.021 χ^2/NDF : 649537.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

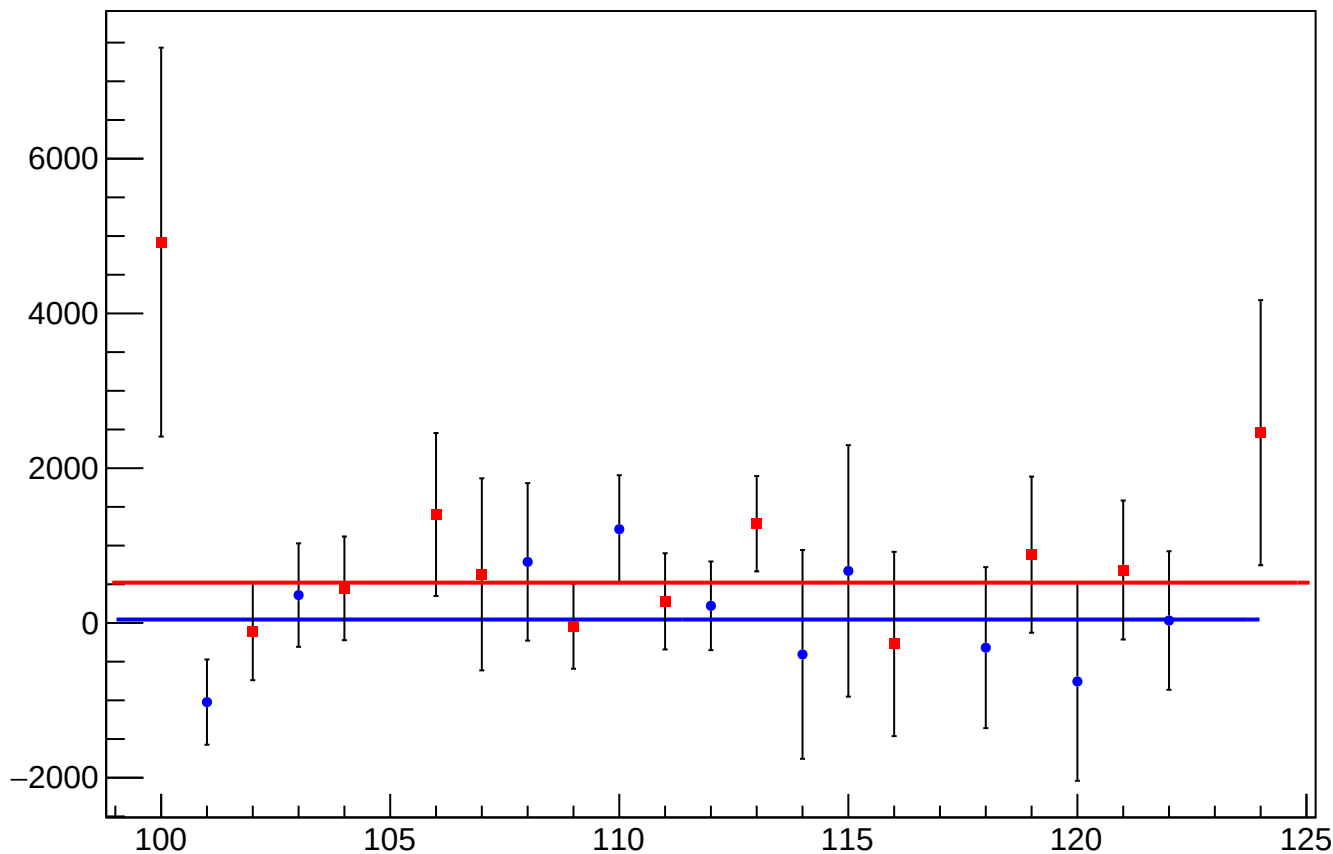
Right: 61.067+/-0.015 χ^2/NDF : 1131154.7/21

In: 61.239+/-0.022 χ^2/NDF : 481505.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.067+/-0.015 χ^2/NDF : 1131154.7/21

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 44.464+/-255.654 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.032+/-234.162 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

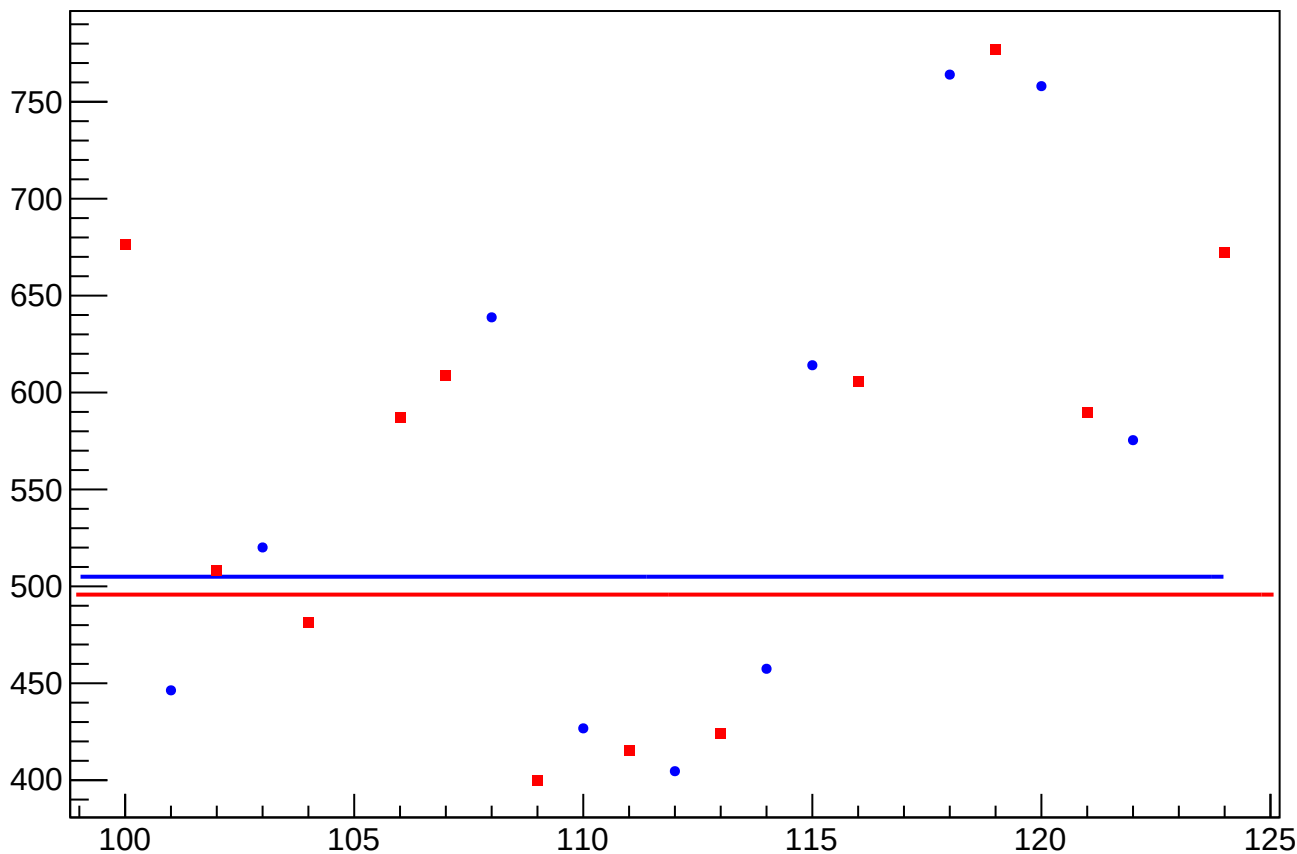
Right: 303.619+/-172.676 χ^2/NDF : 19.5/21

In: 44.464+/-255.654 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.619+/-172.676 χ^2/NDF : 19.5/21

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 504.976+/-0.181 χ^2/NDF : 370343.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 495.747+/-0.166 χ^2/NDF : 380570.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

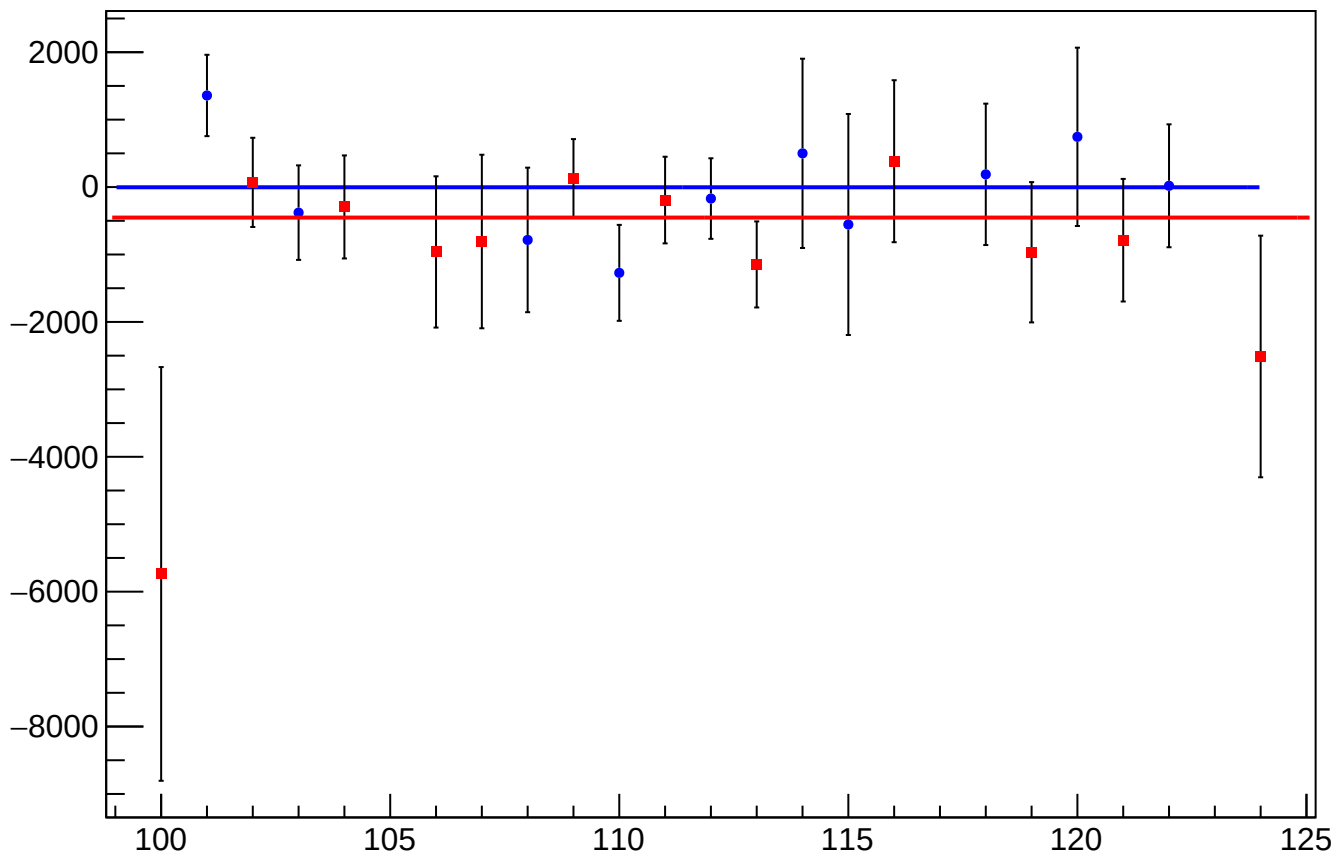
Right: 499.957+/-0.122 χ^2/NDF : 752331.4/21

In: 504.976+/-0.181 χ^2/NDF :370343.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 499.957+/-0.122 χ^2/NDF : 752331.4/21

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.936+/-267.291 χ^2 /NDF: 9.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -452.386+/-246.199 χ^2 /NDF: 8.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

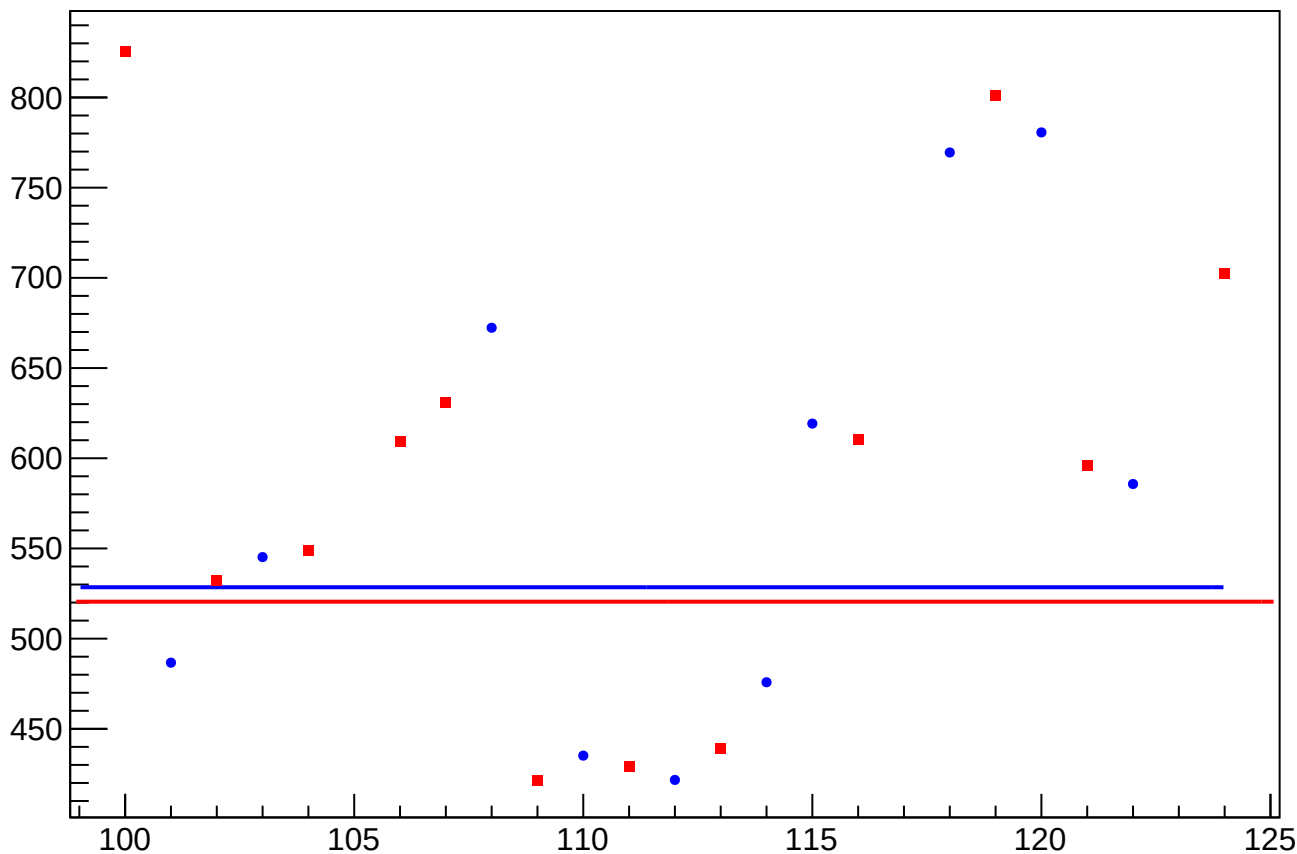
Right: -246.091+/-181.087 χ^2 /NDF: 19.8/21

In: -2.936+/-267.291 χ^2 /NDF:9.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -246.091+/-181.087 χ^2 /NDF: 19.8/21

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 528.493+/-0.189 χ^2/NDF : 340341.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.492+/-0.174 χ^2/NDF : 373246.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

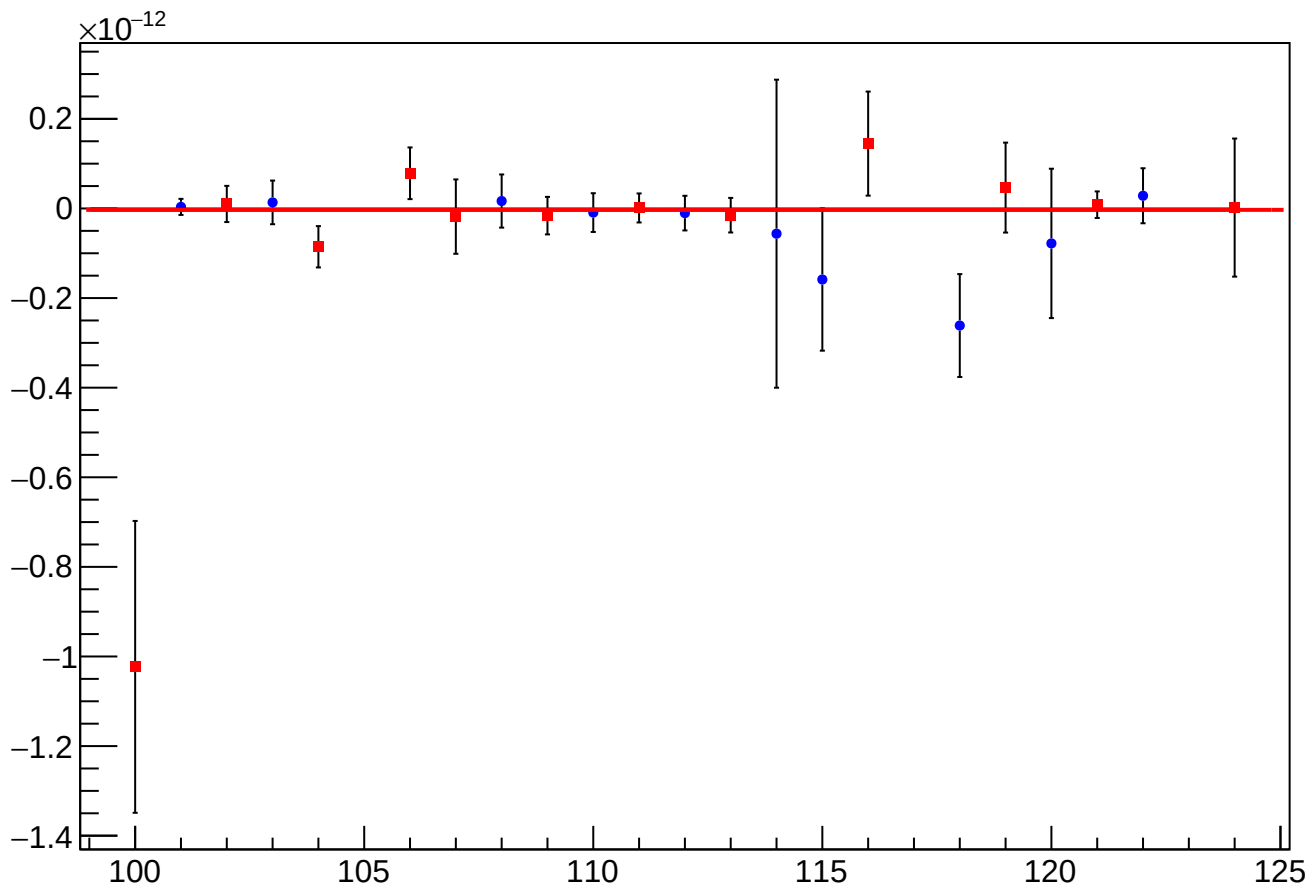
Right: 524.164+/-0.128 χ^2/NDF : 714556.9/21

In: 528.493+/-0.189 χ^2/NDF : 340341.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.164+/-0.128 χ^2/NDF : 714556.9/21

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

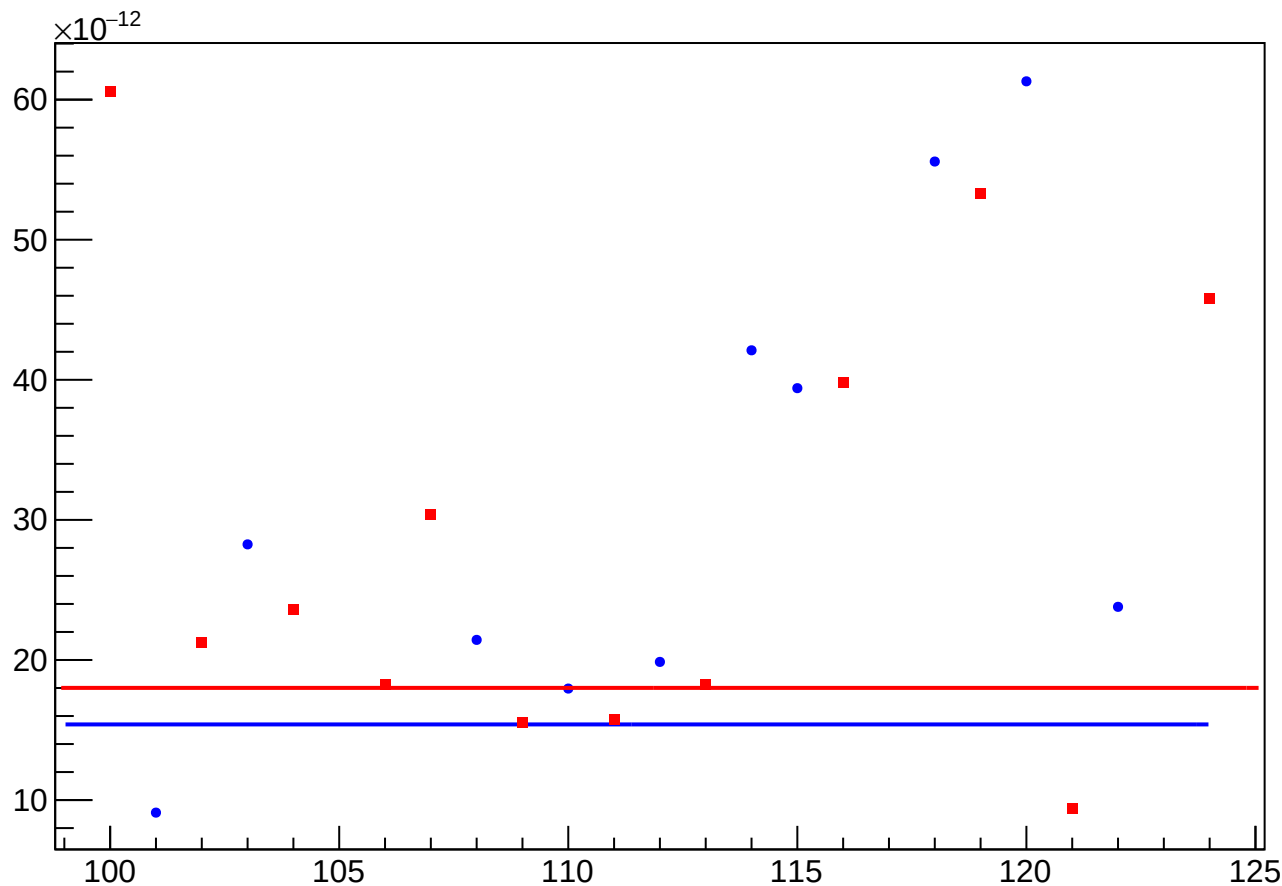
Right: -0.000+/-0.000 χ^2/NDF : 24.3/21

In: -0.000+/-0.000 χ^2/NDF : 6.9/9

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 : 931943.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 688153.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

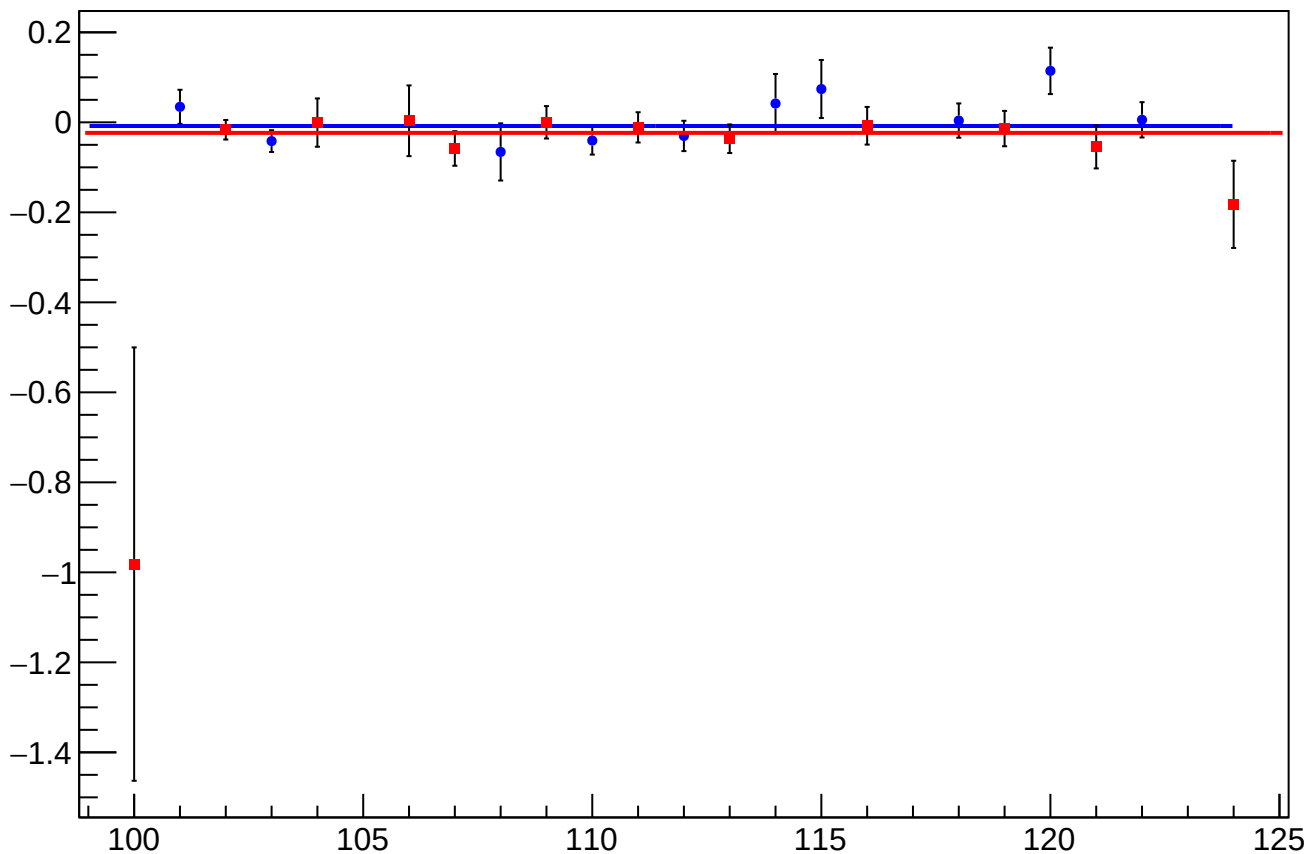
Right: 0.000+/-0.000 χ^2/NDF : 1655880.6/21

In: 0.000+/-0.000 χ^2/NDF : 931943.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1655880.6/21

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.012 χ^2/NDF : 13.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.011 χ^2/NDF : 9.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

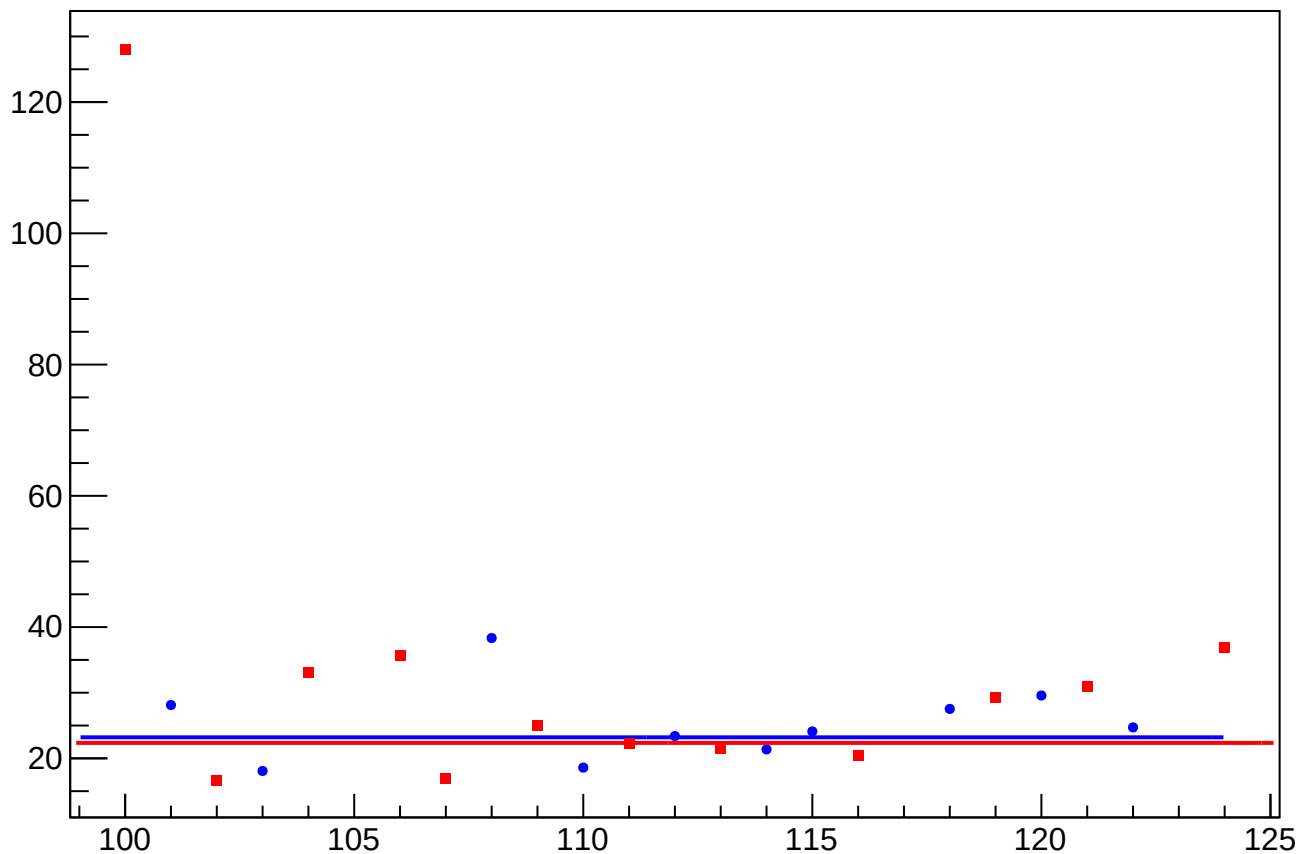
Right: -0.016 ± 0.008 χ^2/NDF : 23.6/21

In: -0.008 ± 0.012 χ^2/NDF : 13.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.008 χ^2/NDF : 23.6/21

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.204 $\pm$ 0.009 χ^2 /NDF: 342209.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.357 $\pm$ 0.008 χ^2 /NDF: 602334.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

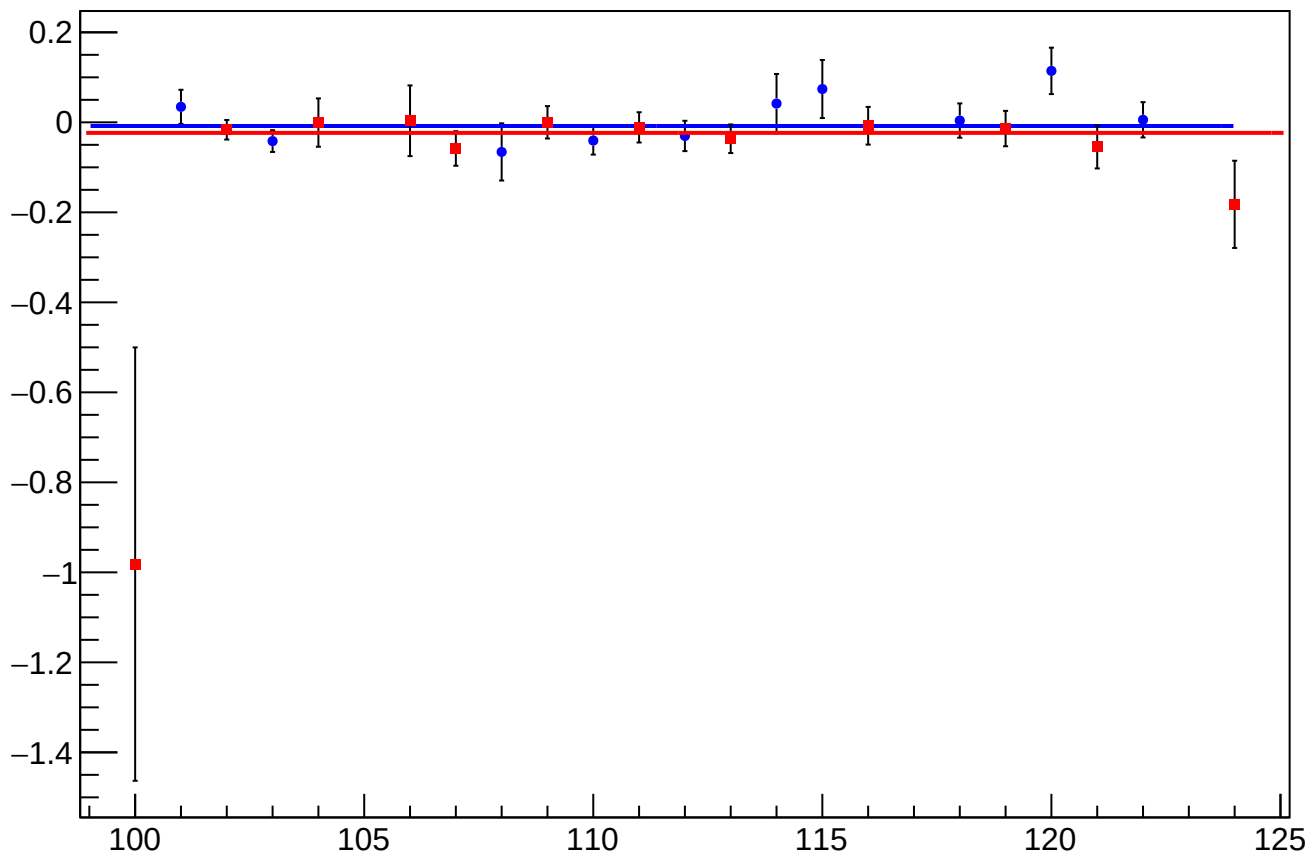
Right: 22.752 $\pm$ 0.006 χ^2 /NDF: 949714.2/21

In: 23.204 $\pm$ 0.009 χ^2 /NDF:342209.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.752 $\pm$ 0.006 χ^2 /NDF: 949714.2/21

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.012 χ^2 /NDF: 13.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.011 χ^2 /NDF: 9.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

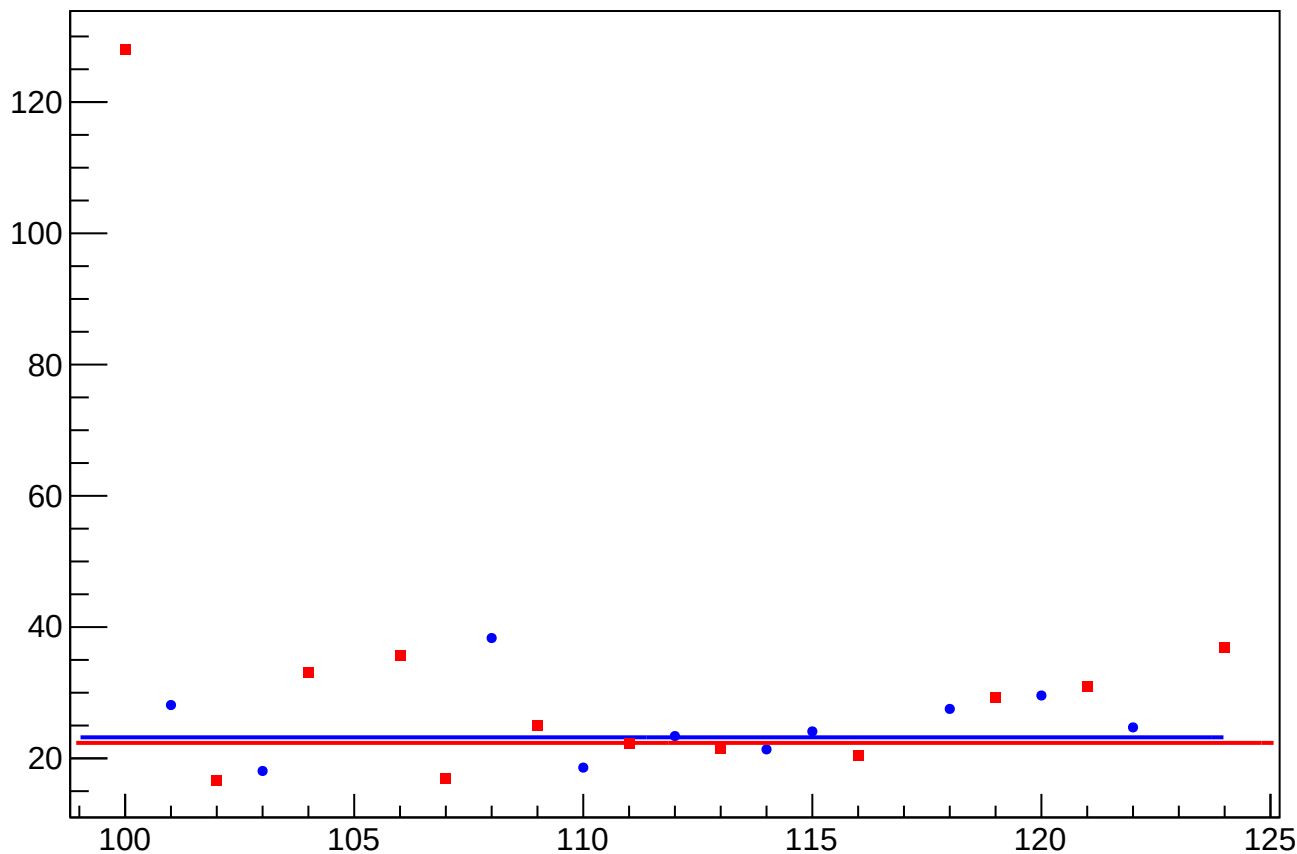
Right: -0.016 $\pm$ 0.008 χ^2 /NDF: 23.6/21

In: -0.008 $\pm$ 0.012 χ^2 /NDF:13.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.008 χ^2 /NDF: 23.6/21

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.204+/-0.009 χ^2/NDF : 342209.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.357+/-0.008 χ^2/NDF : 602334.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

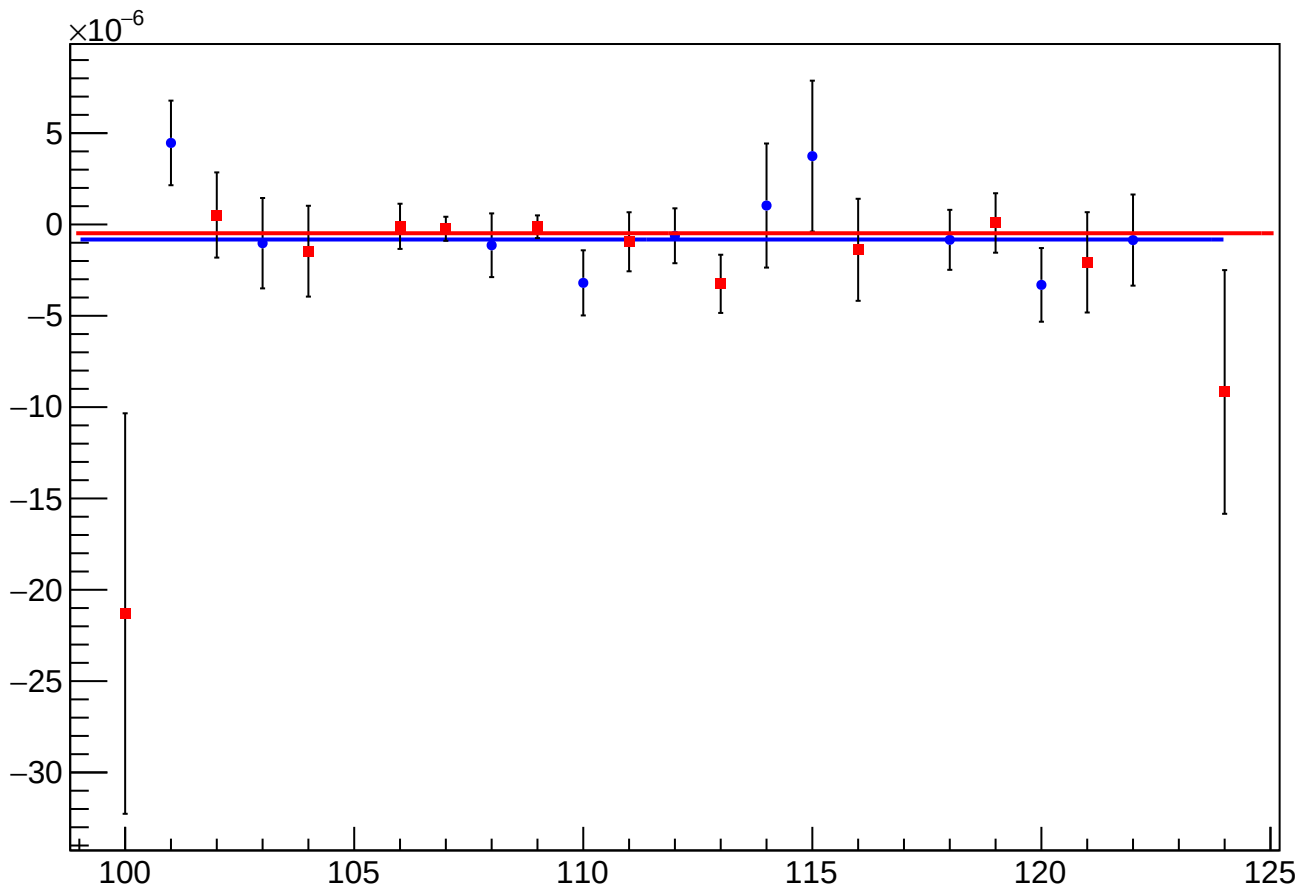
Right: 22.752+/-0.006 χ^2/NDF : 949714.2/21

In: 23.204+/-0.009 χ^2/NDF : 342209.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.752+/-0.006 χ^2/NDF : 949714.2/21

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 10.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 9.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

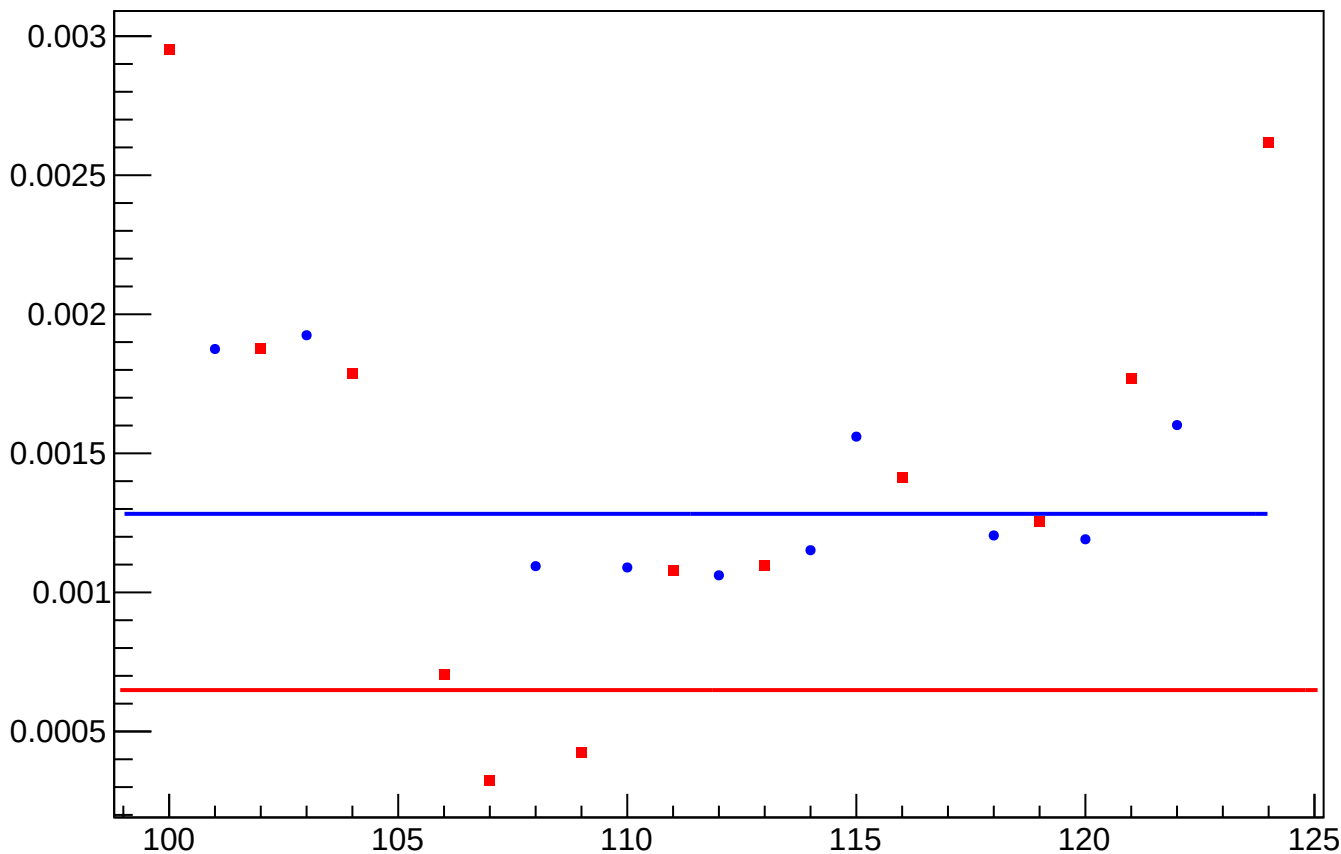
Right: -0.000 ± 0.000 χ^2/NDF : 20.2/21

In: -0.000 ± 0.000 χ^2/NDF : 10.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 20.2/21

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 409000.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3047968.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

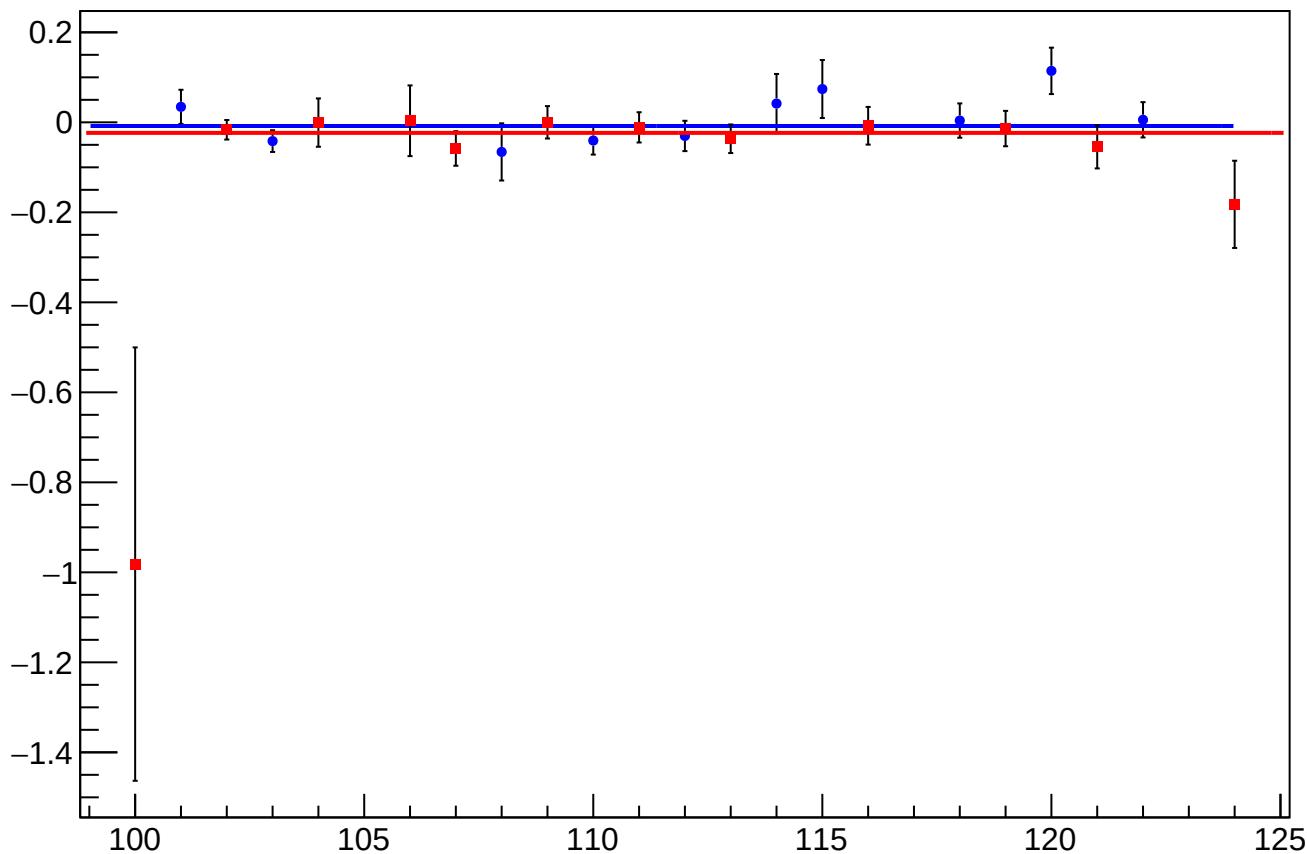
Right: 0.001+/-0.000 χ^2/NDF : 4890069.6/21

In: 0.001+/-0.000 χ^2/NDF : 409000.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4890069.6/21

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.012 χ^2 /NDF: 13.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.011 χ^2 /NDF: 9.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

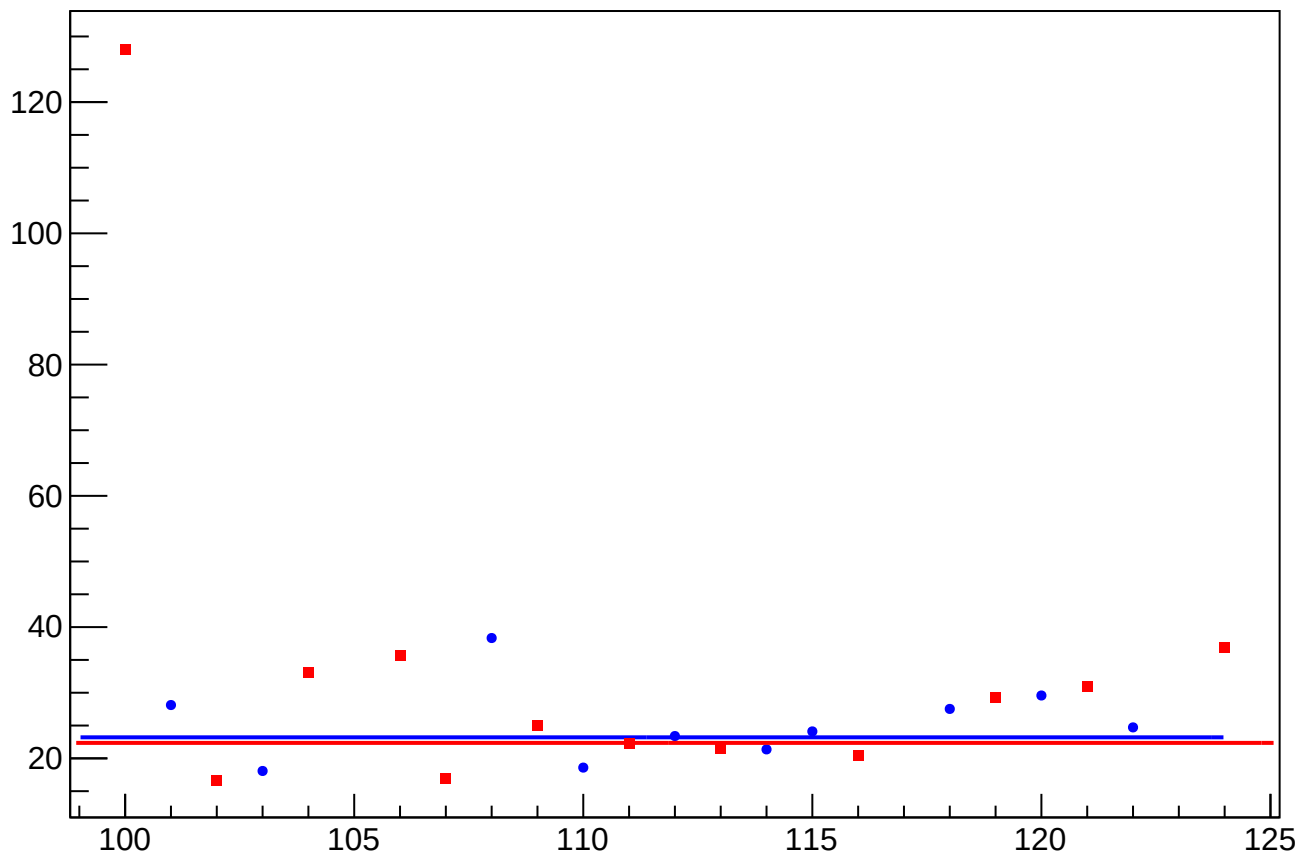
Right: -0.016 $\pm$ 0.008 χ^2 /NDF: 23.6/21

In: -0.008 $\pm$ 0.012 χ^2 /NDF:13.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.008 χ^2 /NDF: 23.6/21

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.205 $\pm$ 0.009 χ^2 /NDF: 342192.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.357 $\pm$ 0.008 χ^2 /NDF: 602317.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

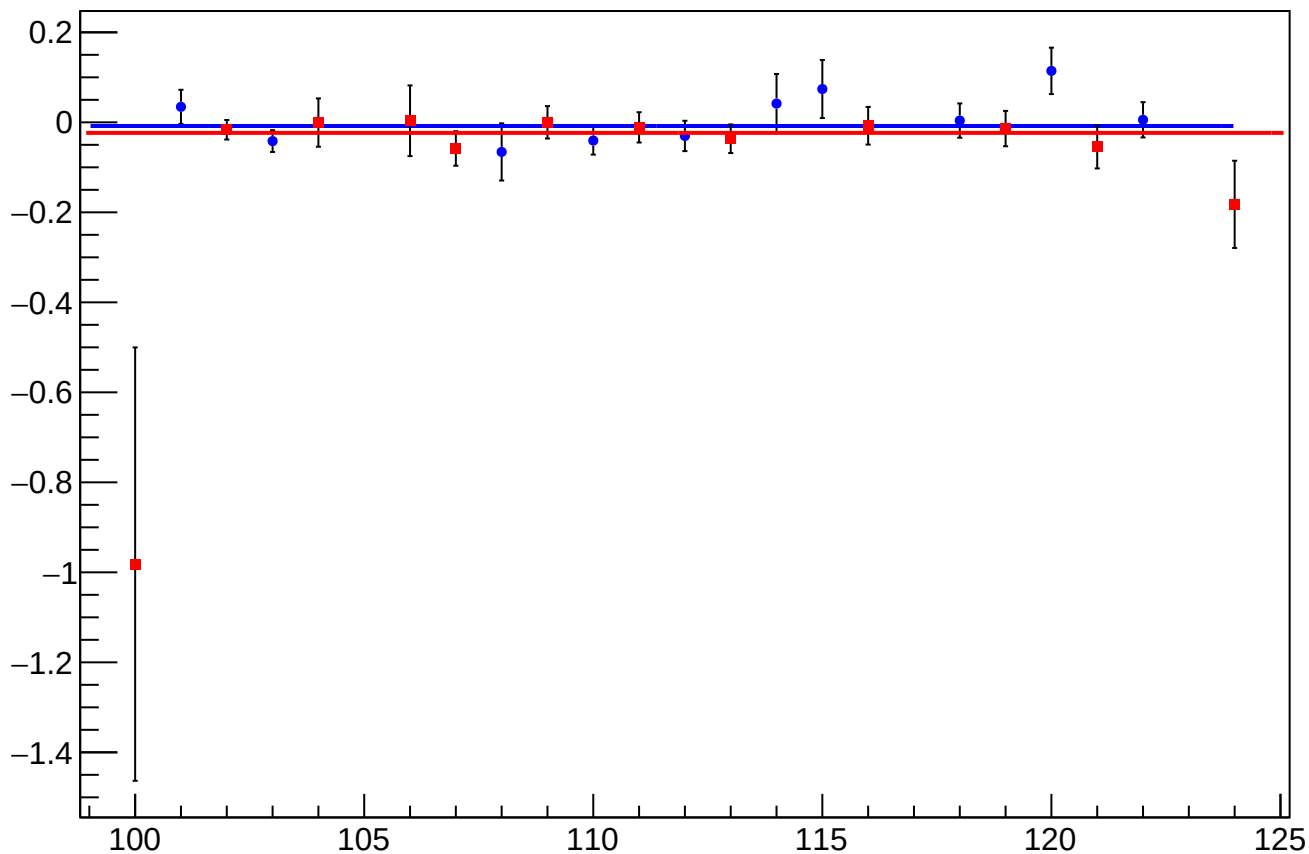
Right: 22.753 $\pm$ 0.006 χ^2 /NDF: 949680.5/21

In: 23.205 $\pm$ 0.009 χ^2 /NDF: 342192.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.753 $\pm$ 0.006 χ^2 /NDF: 949680.5/21

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.012 χ^2/NDF : 13.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.011 χ^2/NDF : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

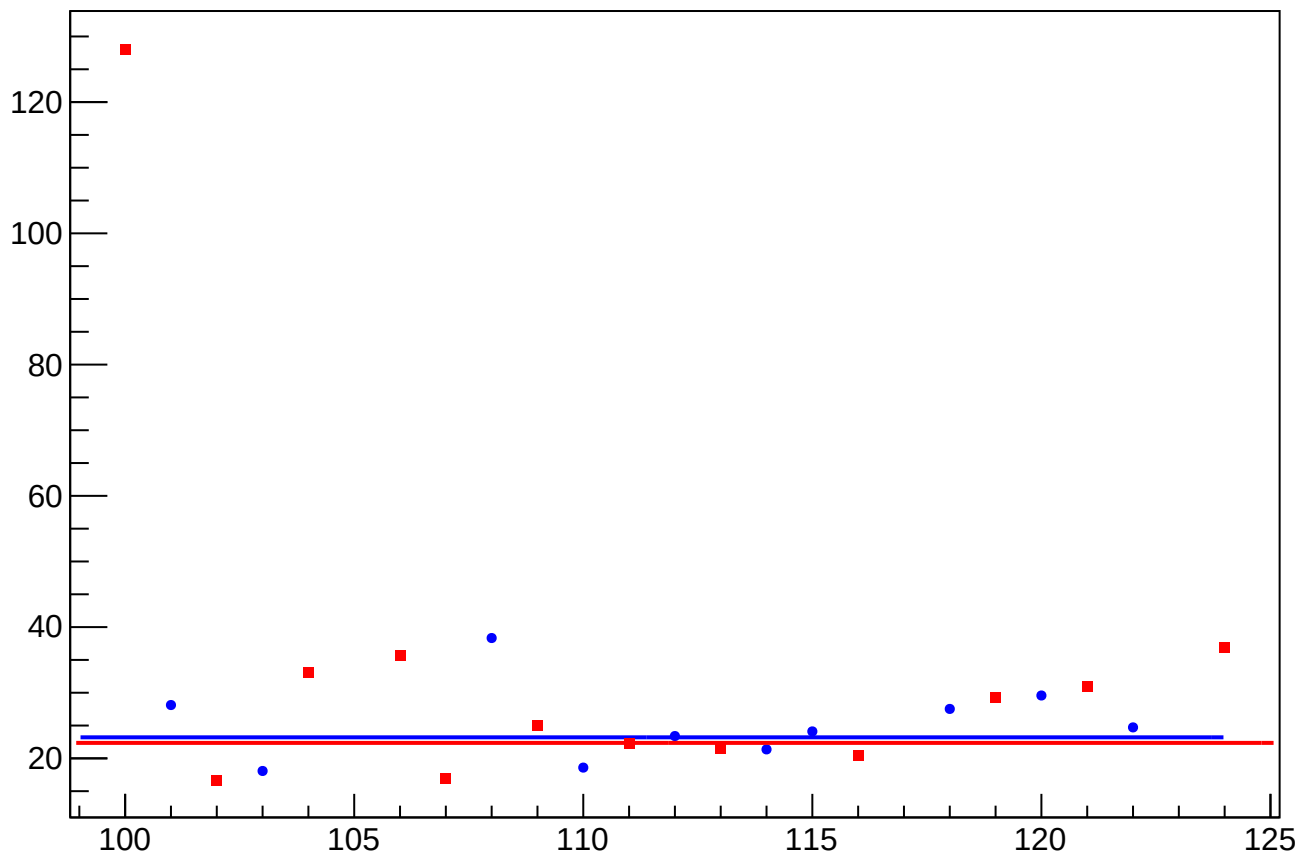
Right: -0.016+/-0.008 χ^2/NDF : 23.6/21

In: -0.008+/-0.012 χ^2/NDF : 13.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.008 χ^2/NDF : 23.6/21

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.205+/-0.009 χ^2/NDF : 342192.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.357+/-0.008 χ^2/NDF : 602317.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

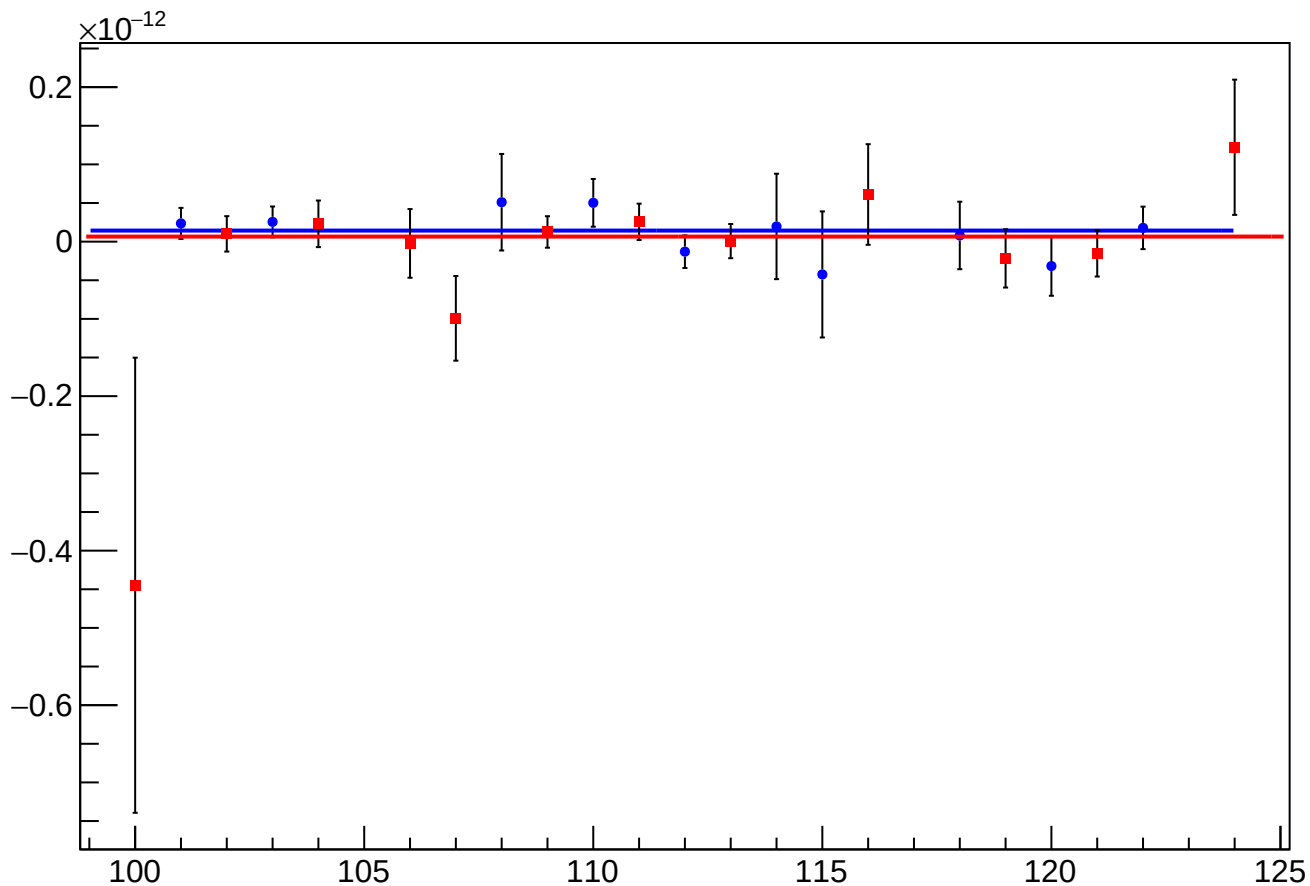
Right: 22.753+/-0.006 χ^2/NDF : 949680.5/21

In: 23.205+/-0.009 χ^2/NDF : 342192.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.753+/-0.006 χ^2/NDF : 949680.5/21

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

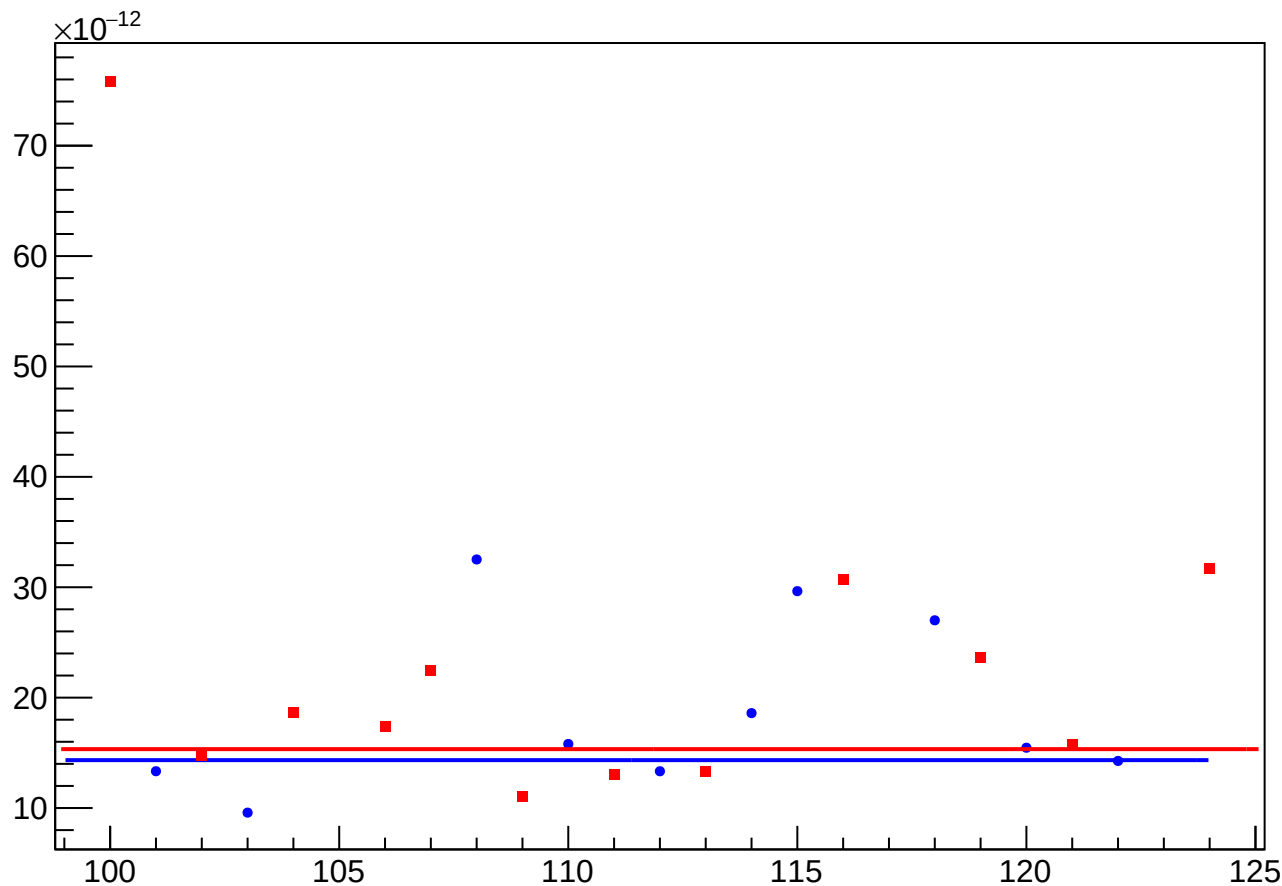
Right: 0.000+/-0.000 χ^2/NDF : 17.0/21

In: 0.000+/-0.000 χ^2/NDF : 5.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.0/21

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 545286.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 550711.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

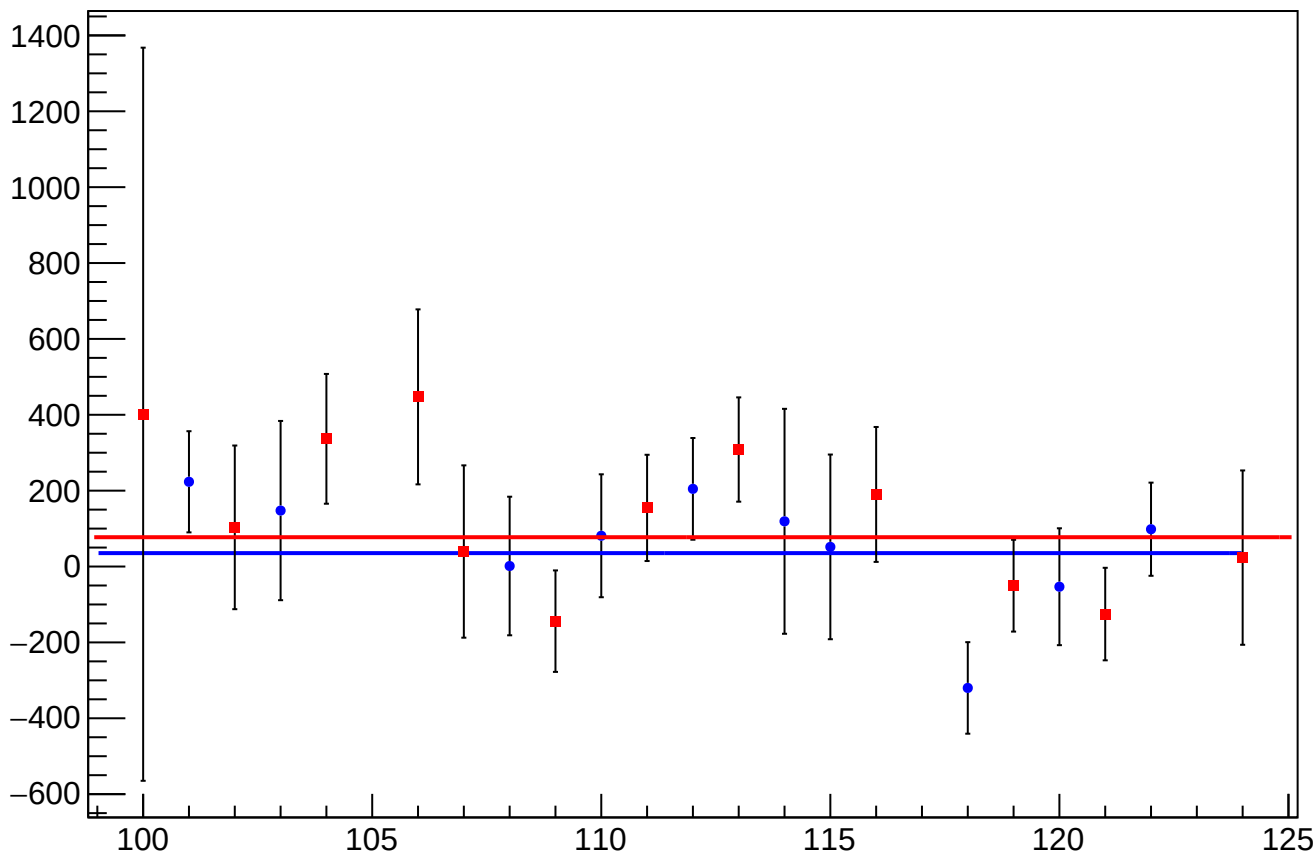
Right: 0.000+/-0.000 χ^2/NDF : 1107773.2/21

In: 0.000+/-0.000 χ^2/NDF : 545286.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1107773.2/21

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 35.351+/-49.794 χ^2/NDF : 13.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.284+/-47.628 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

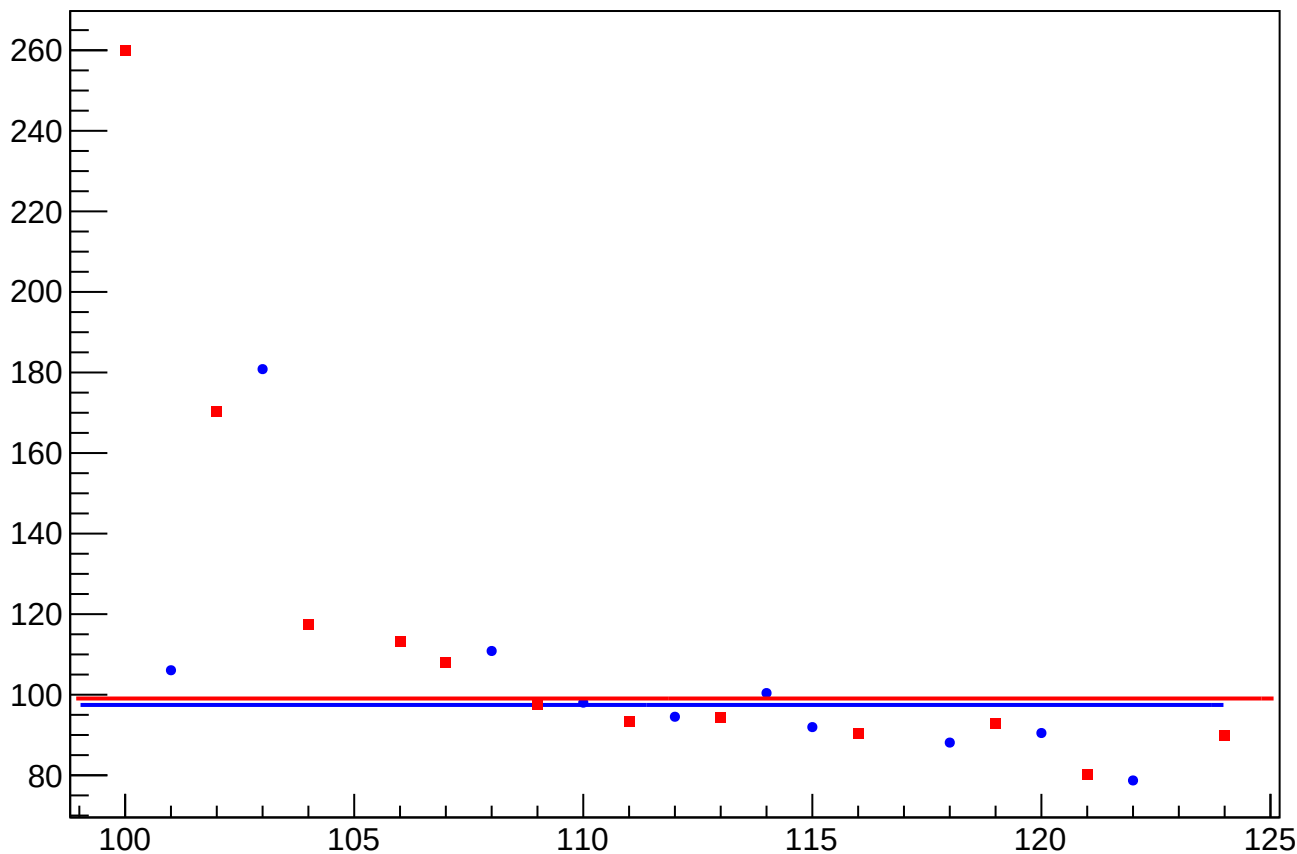
Right: 57.250+/-34.418 χ^2/NDF : 28.9/21

In: 35.351+/-49.794 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.250+/-34.418 χ^2/NDF : 28.9/21

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 97.460+/-0.035 χ^2/NDF : 333142.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.058+/-0.034 χ^2/NDF : 374459.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

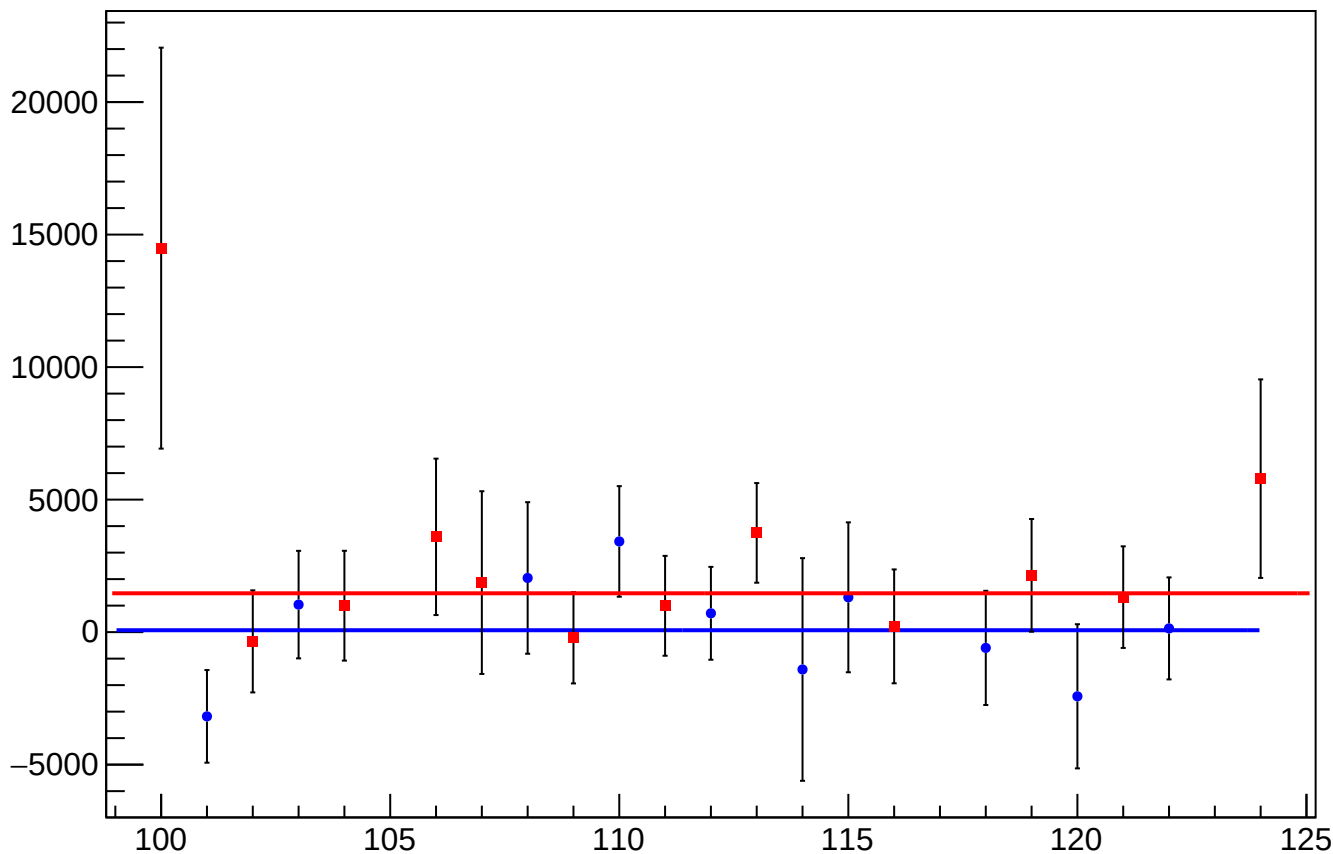
Right: 98.294+/-0.024 χ^2/NDF : 708678.0/21

In: 97.460+/-0.035 χ^2/NDF : 333142.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.294+/-0.024 χ^2/NDF : 708678.0/21

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 71.284+/-698.348 χ^2/NDF : 8.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1465.193+/-645.131 χ^2/NDF : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

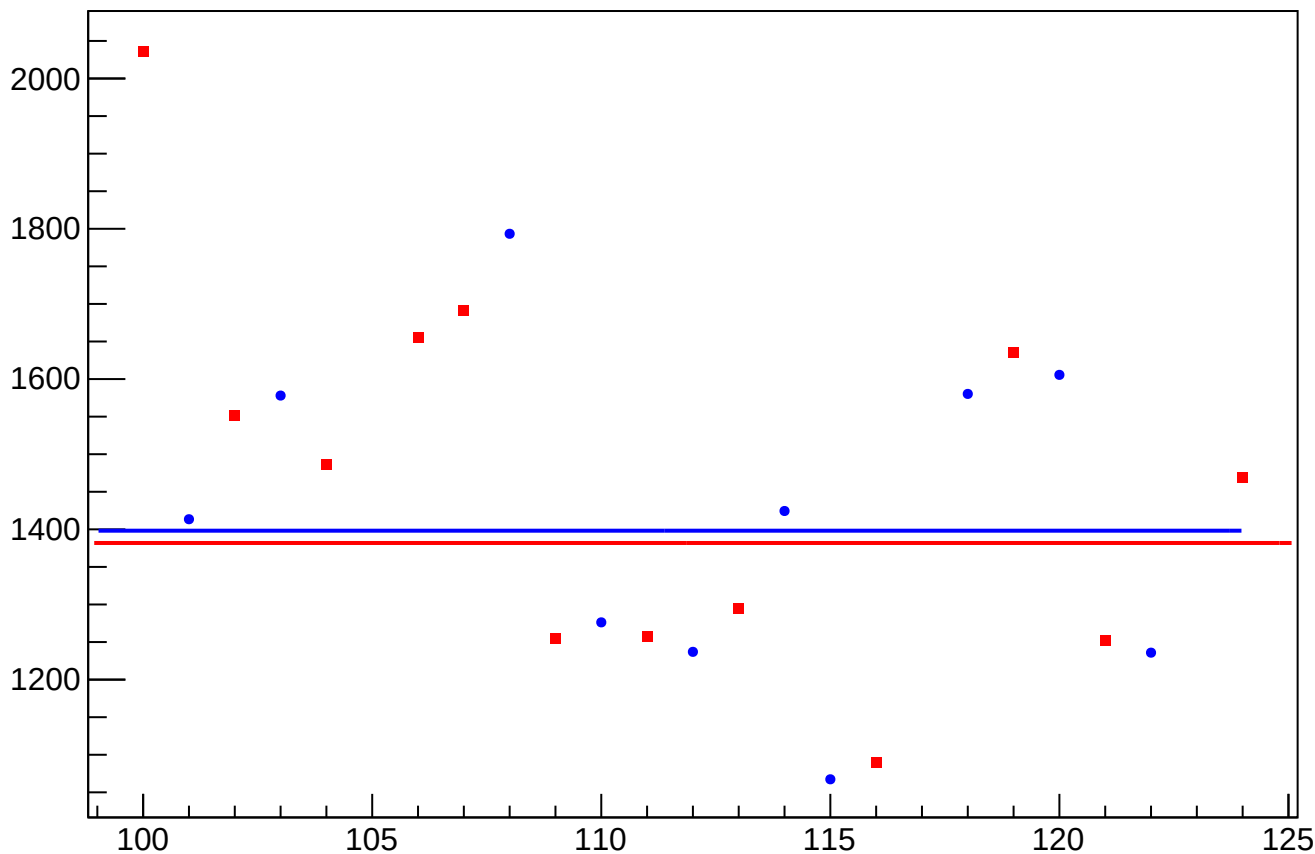
Right: 823.366+/-473.875 χ^2/NDF : 19.0/21

In: 71.284+/-698.348 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 823.366+/-473.875 χ^2/NDF : 19.0/21

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1398.210+/-0.494 χ^2/NDF : 145433.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1381.857+/-0.456 χ^2/NDF : 168209.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

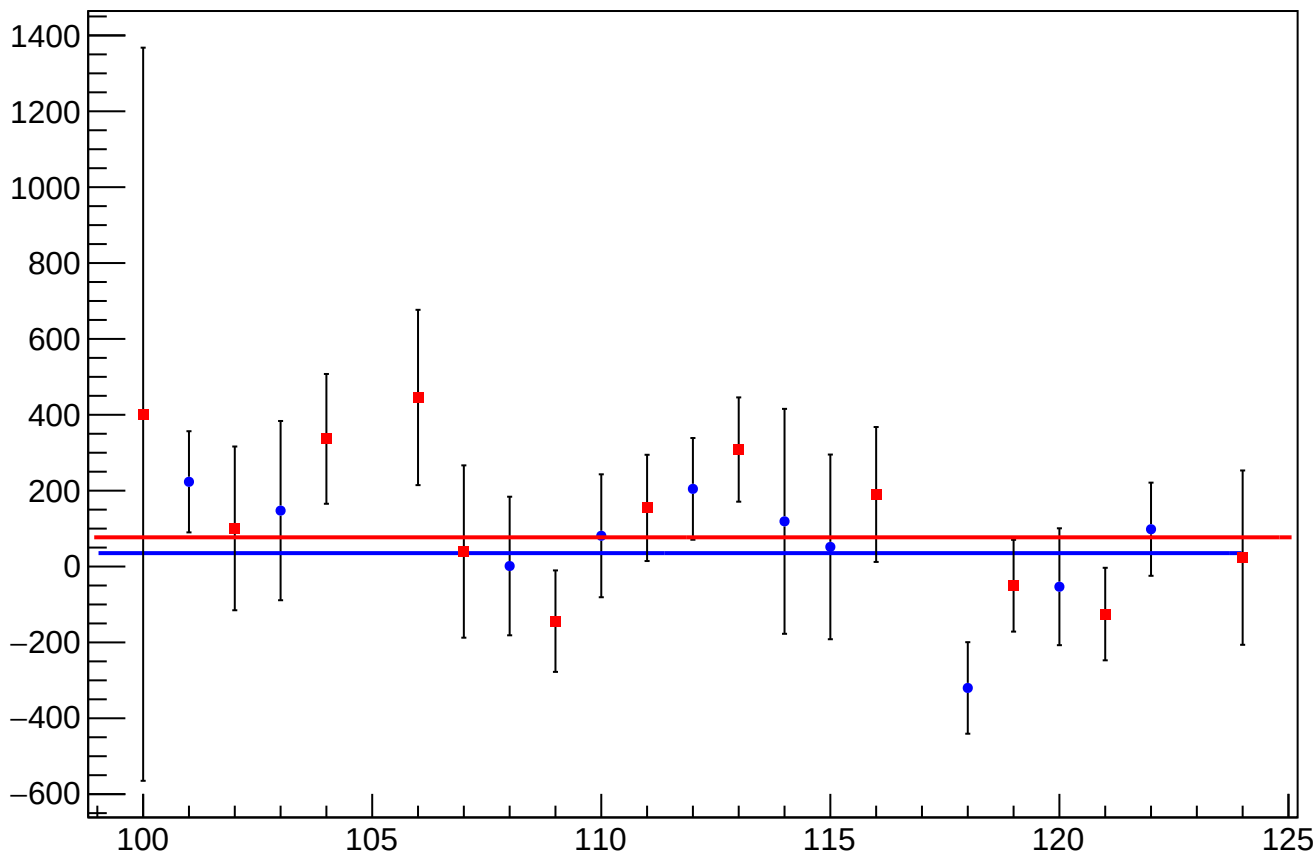
Right: 1389.387+/-0.335 χ^2/NDF : 314234.6/21

In: 1398.210+/-0.494 χ^2/NDF :145433.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1389.387+/-0.335 χ^2/NDF : 314234.6/21

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 35.337+/-49.794 χ^2/NDF : 13.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.015+/-47.633 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

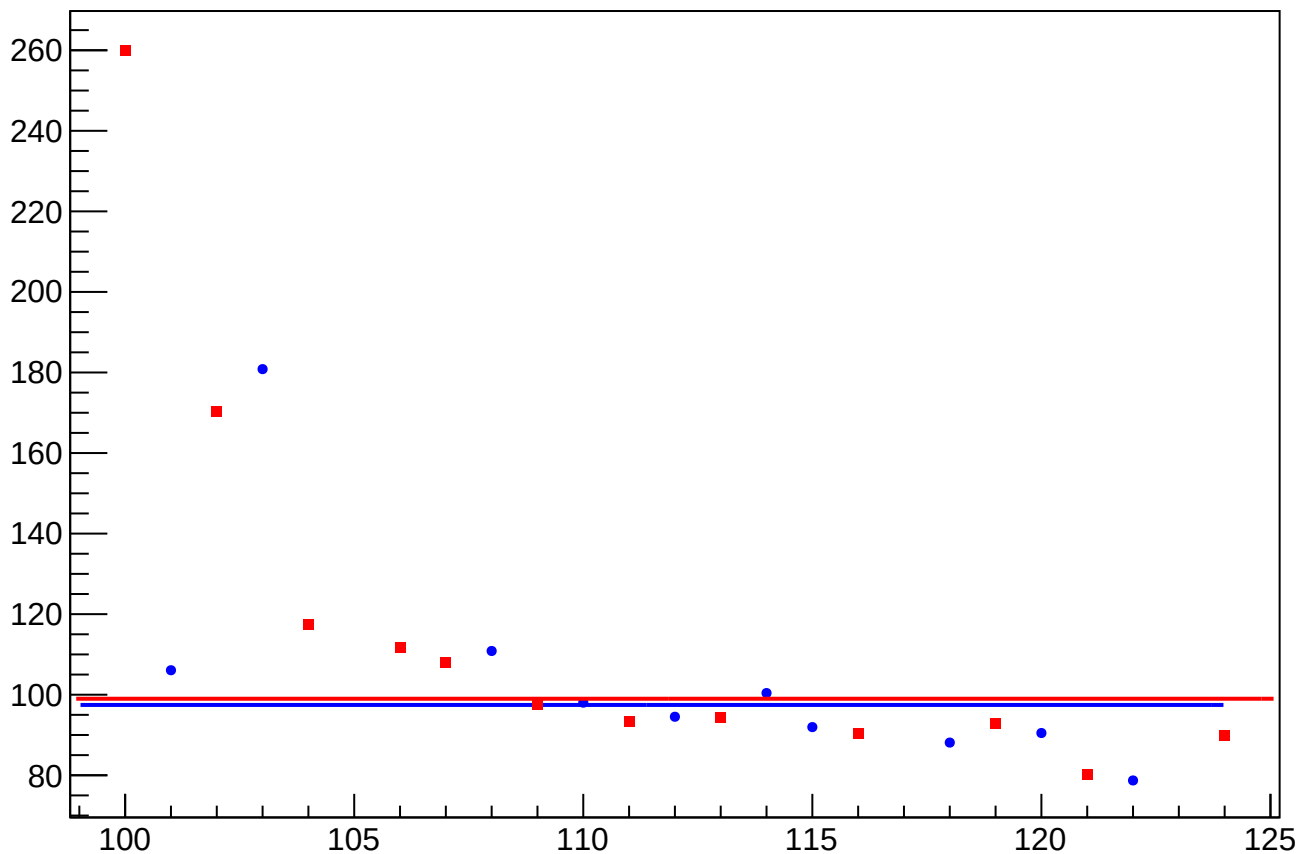
Right: 57.100+/-34.420 χ^2/NDF : 28.8/21

In: 35.337+/-49.794 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.100+/-34.420 χ^2/NDF : 28.8/21

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 97.460+/-0.035 χ^2/NDF : 333146.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.000+/-0.034 χ^2/NDF : 373405.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

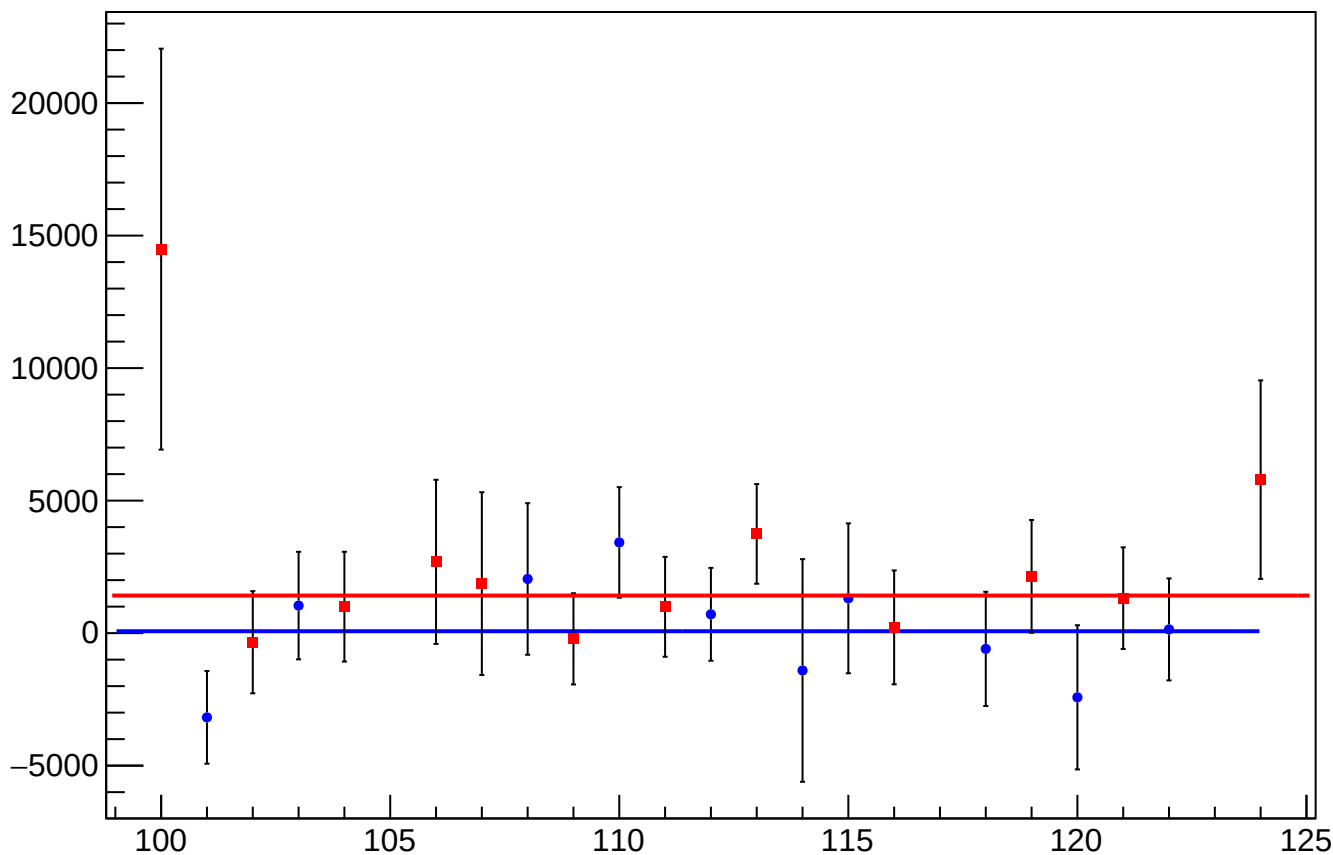
Right: 98.264+/-0.024 χ^2/NDF : 707550.1/21

In: 97.460+/-0.035 χ^2/NDF : 333146.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.264+/-0.024 χ^2/NDF : 707550.1/21

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 71.362 $\pm$ 698.354 χ^2 /NDF: 8.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1417.349 $\pm$ 646.598 χ^2 /NDF: 8.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

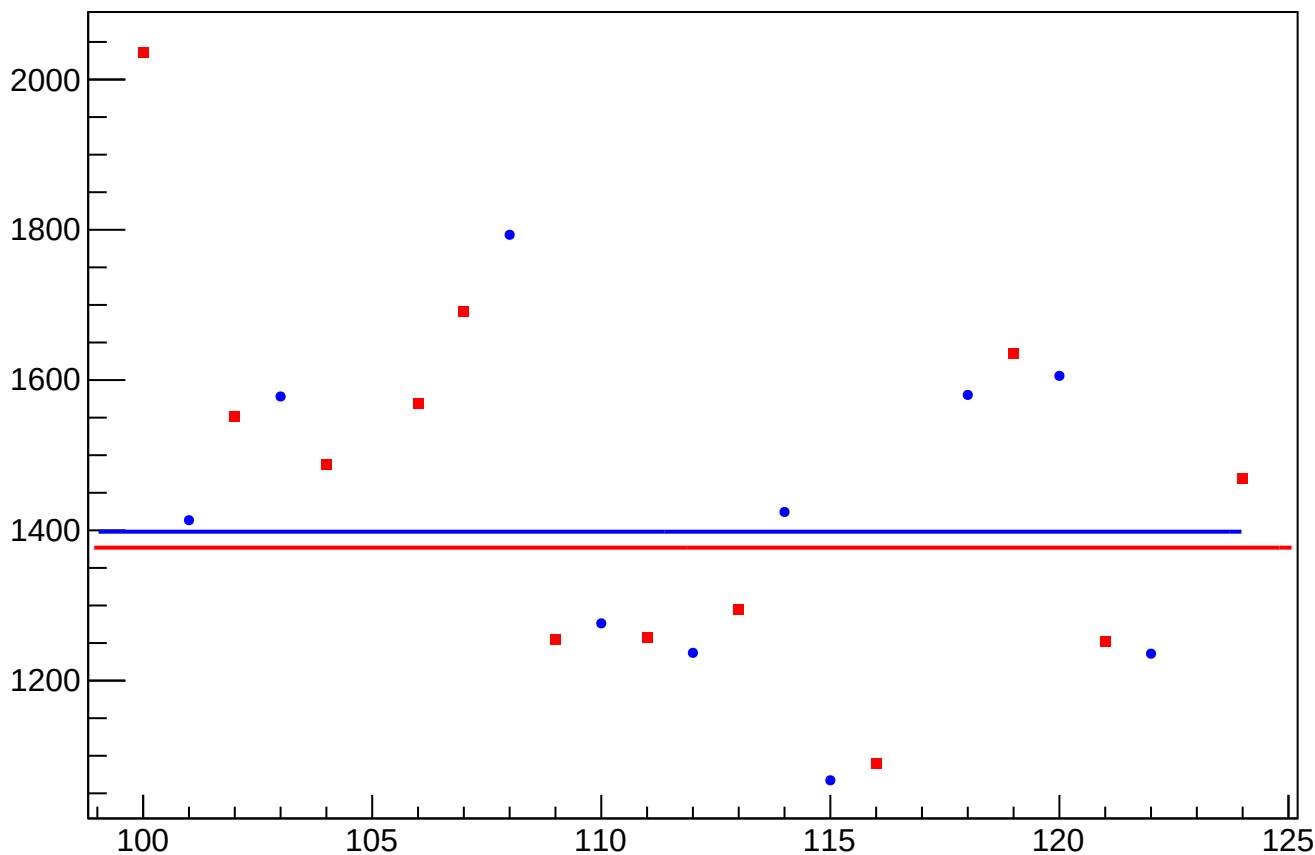
Right: 796.074 $\pm$ 474.457 χ^2 /NDF: 18.5/21

In: 71.362 $\pm$ 698.354 χ^2 /NDF:8.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 796.074 $\pm$ 474.457 χ^2 /NDF: 18.5/21

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1398.220+/-0.494 χ^2/NDF : 145450.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1376.973+/-0.457 χ^2/NDF : 158395.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

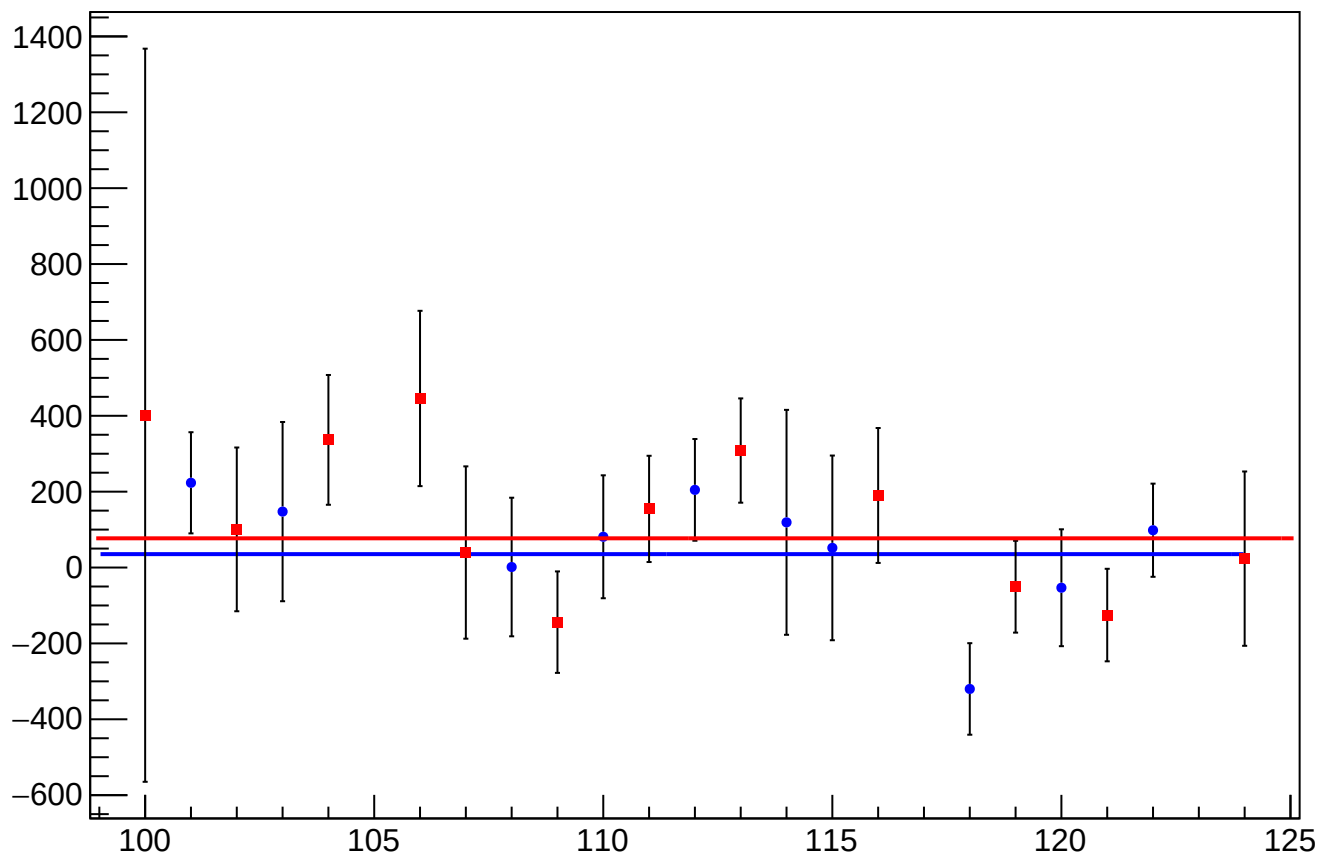
Right: 1386.780+/-0.335 χ^2/NDF : 304843.3/21

In: 1398.220+/-0.494 χ^2/NDF : 145450.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.780+/-0.335 χ^2/NDF : 304843.3/21

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 35.337+/-49.794 χ^2/NDF : 13.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.015+/-47.633 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

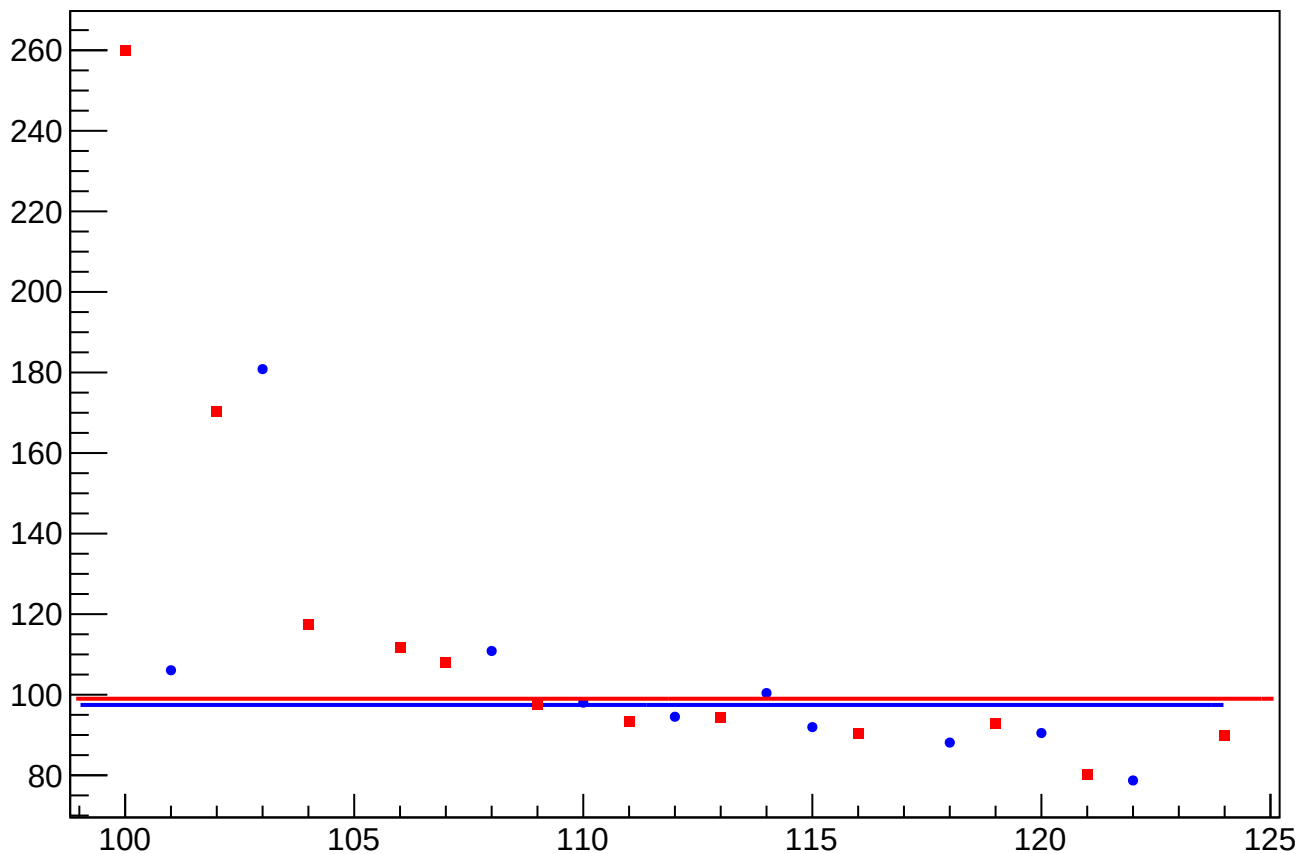
Right: 57.100+/-34.420 χ^2/NDF : 28.8/21

In: 35.337+/-49.794 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.100+/-34.420 χ^2/NDF : 28.8/21

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 97.460 $\pm$ 0.035 χ^2 /NDF: 333146.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.000 $\pm$ 0.034 χ^2 /NDF: 373405.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

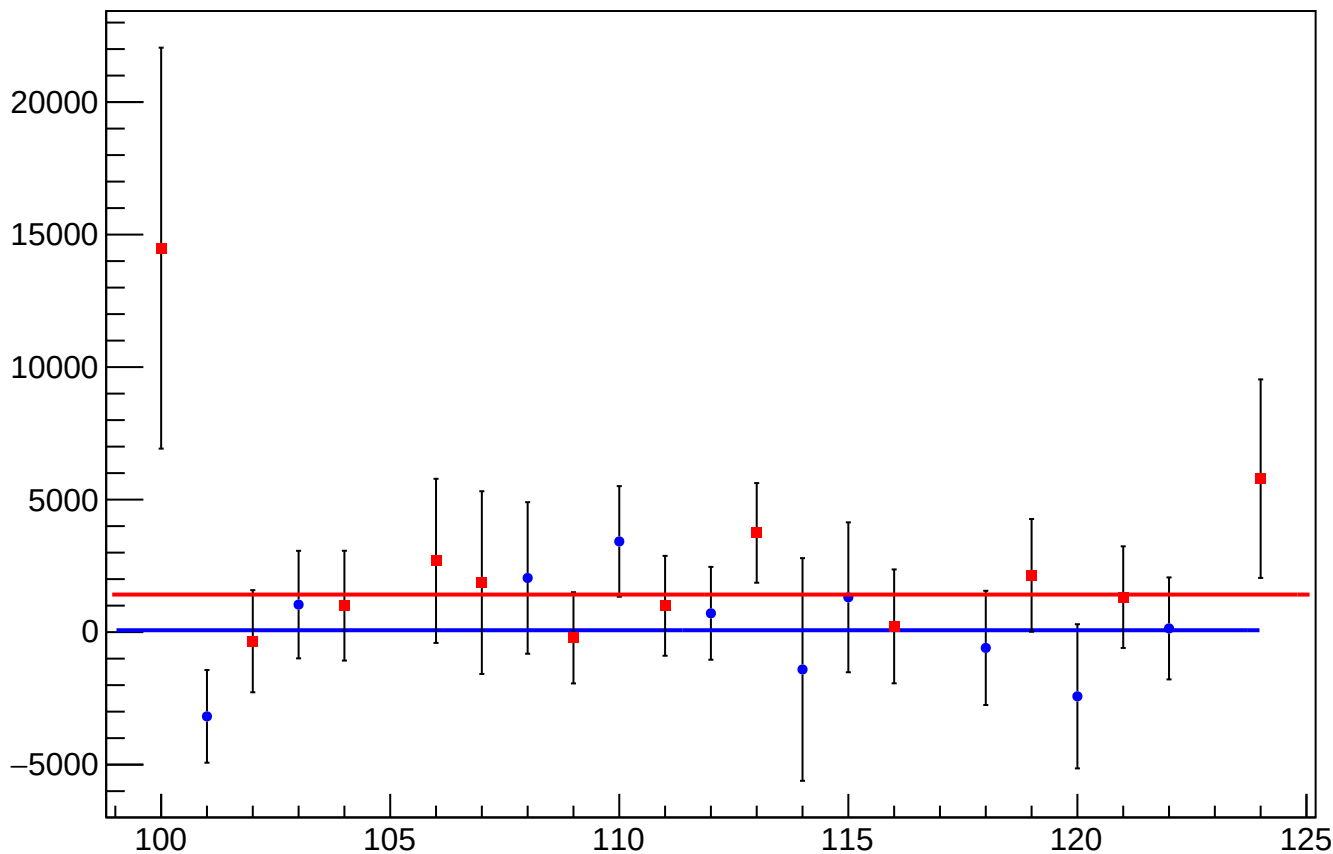
Right: 98.264 $\pm$ 0.024 χ^2 /NDF: 707550.1/21

In: 97.460 $\pm$ 0.035 χ^2 /NDF: 333146.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.264 $\pm$ 0.024 χ^2 /NDF: 707550.1/21

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 71.362+/-698.354 χ^2/NDF : 8.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1417.349+/-646.598 χ^2/NDF : 8.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

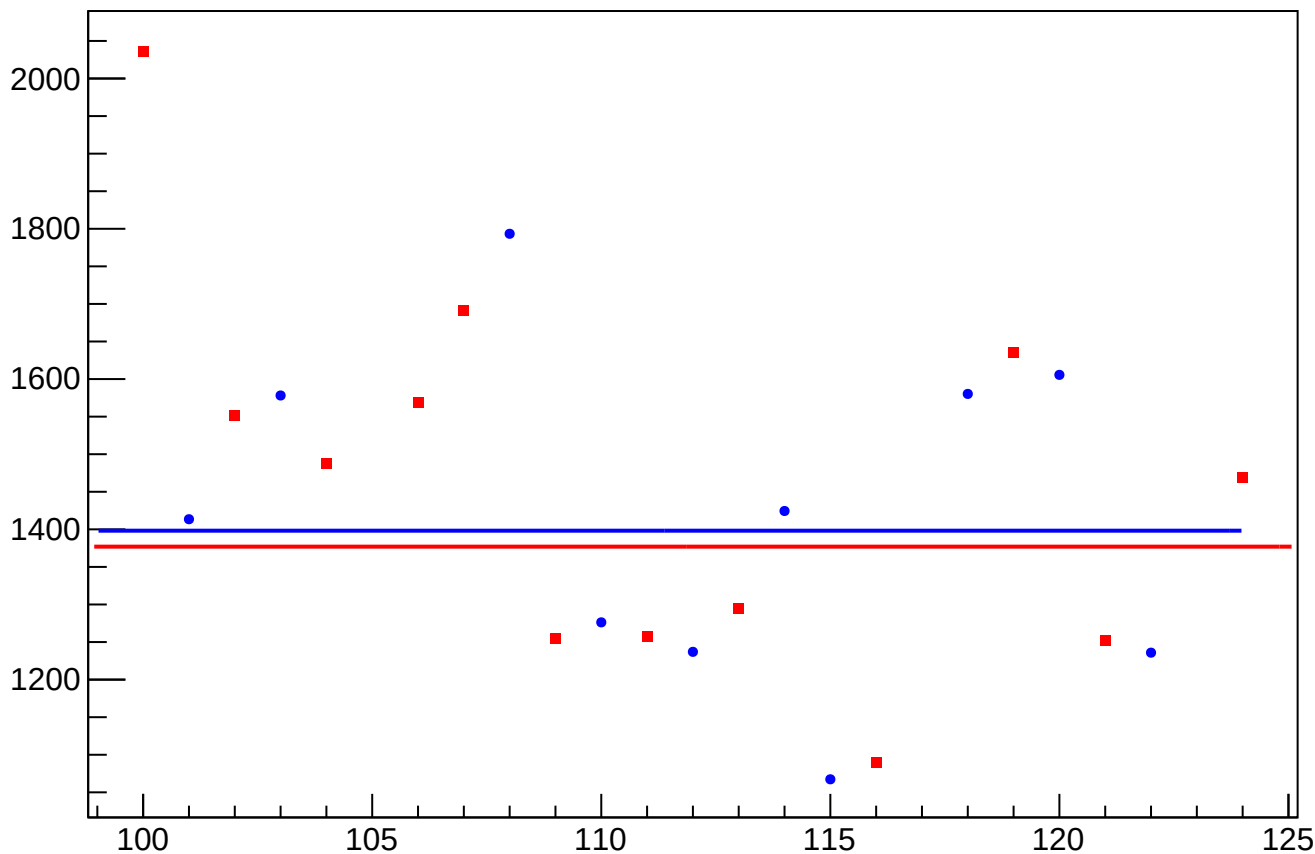
Right: 796.074+/-474.457 χ^2/NDF : 18.5/21

In: 71.362+/-698.354 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 796.074+/-474.457 χ^2/NDF : 18.5/21

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1398.220+/-0.494 χ^2/NDF : 145450.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1376.973+/-0.457 χ^2/NDF : 158395.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

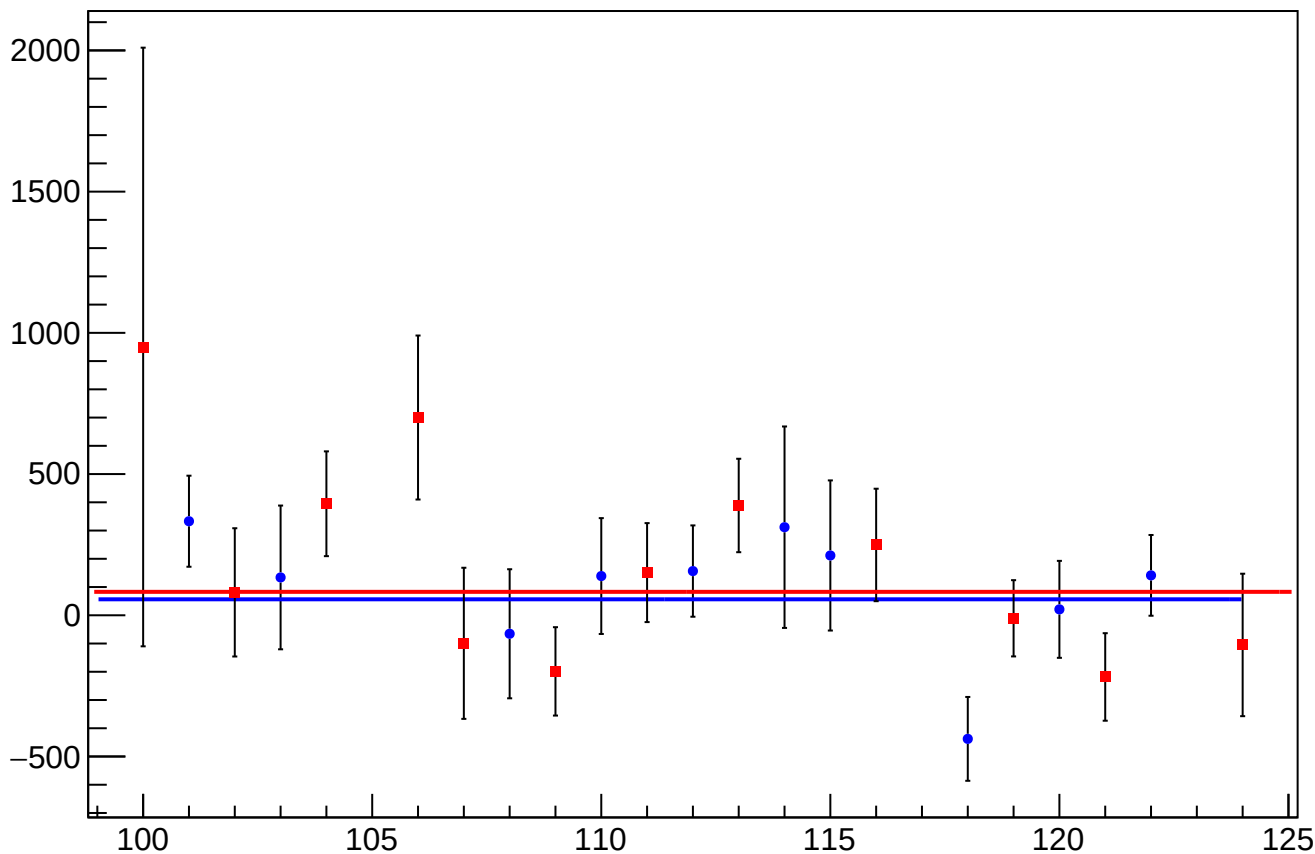
Right: 1386.780+/-0.335 χ^2/NDF : 304843.3/21

In: 1398.220+/-0.494 χ^2/NDF : 145450.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.780+/-0.335 χ^2/NDF : 304843.3/21

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 56.552 $\pm$ 59.194 χ^2 /NDF: 16.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.995 $\pm$ 55.676 χ^2 /NDF: 20.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

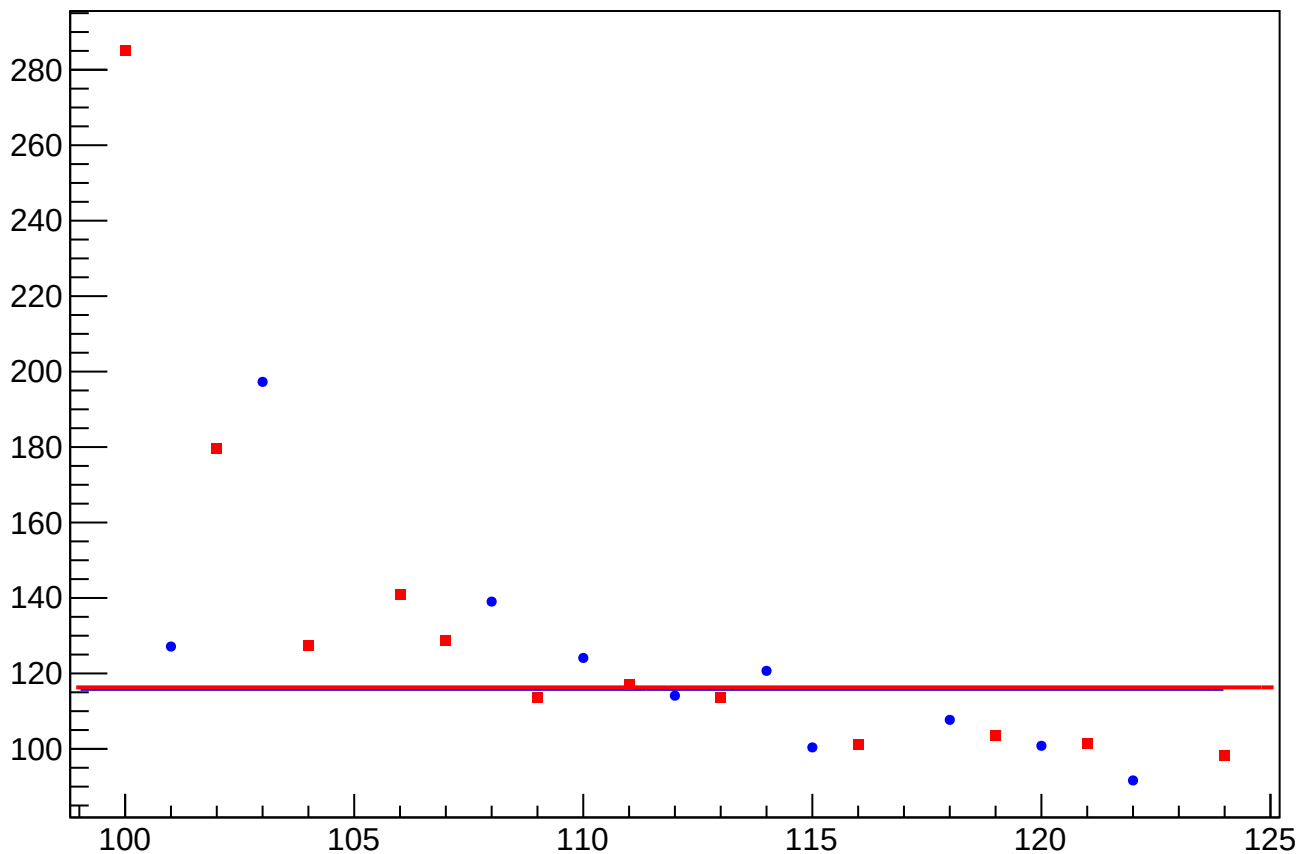
Right: 70.583 $\pm$ 40.556 χ^2 /NDF: 37.1/21

In: 56.552 $\pm$ 59.194 χ^2 /NDF:16.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.583 $\pm$ 40.556 χ^2 /NDF: 37.1/21

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 115.919+/-0.042 χ^2/NDF : 324466.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.306+/-0.039 χ^2/NDF : 291632.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

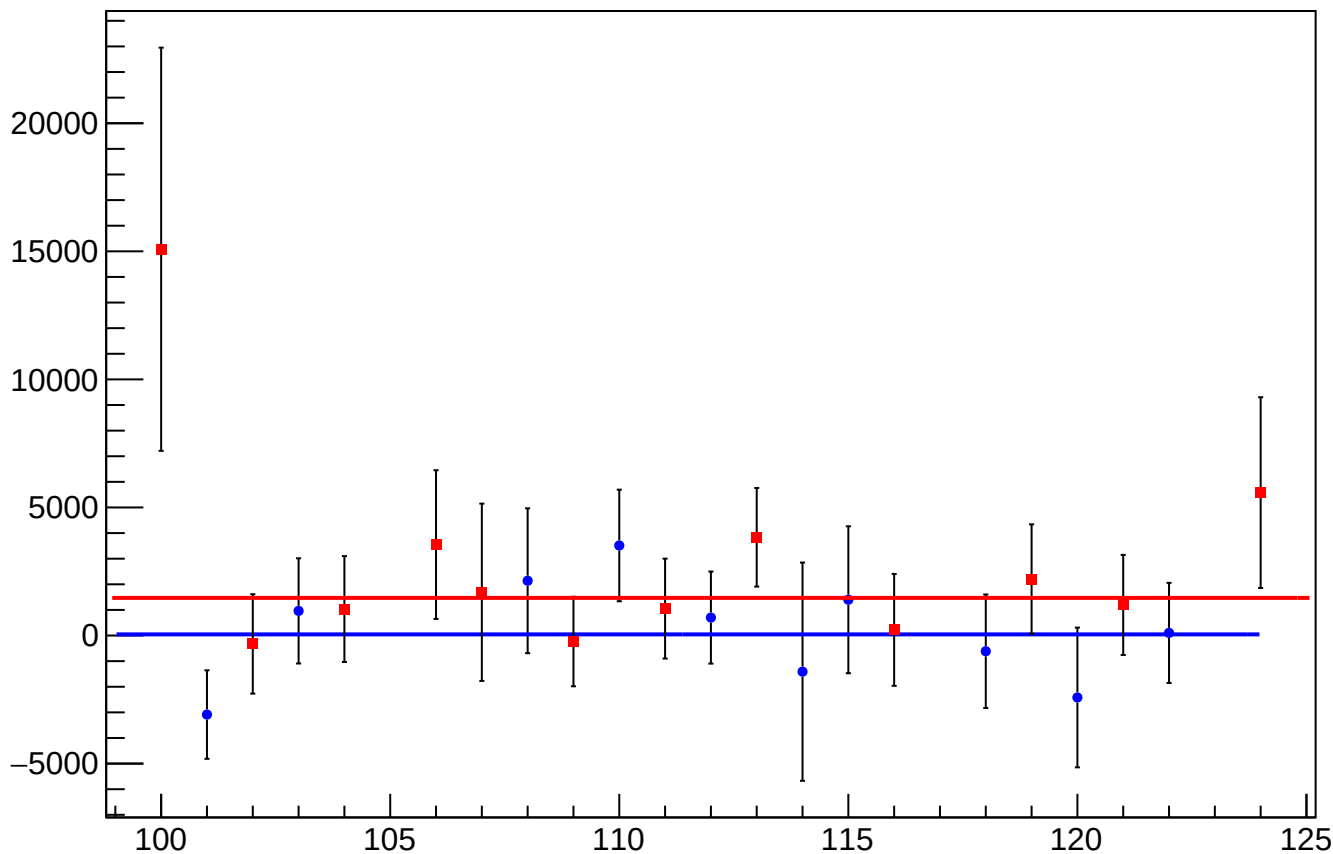
Right: 116.124+/-0.029 χ^2/NDF : 616143.4/21

In: 115.919+/-0.042 χ^2/NDF : 324466.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.124+/-0.029 χ^2/NDF : 616143.4/21

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 44.773+/-708.197 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1469.576+/-653.636 χ^2/NDF : 8.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

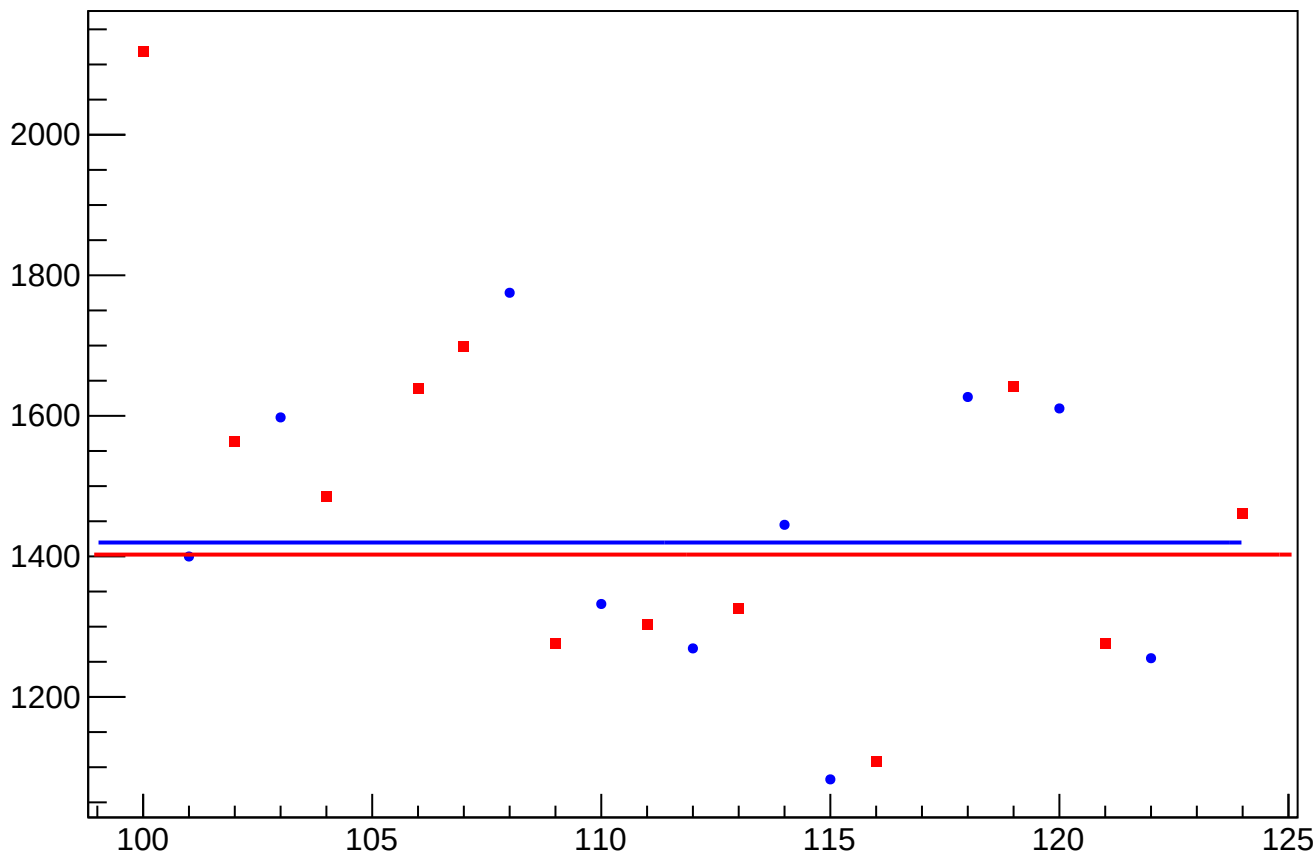
Right: 814.167+/-480.322 χ^2/NDF : 18.7/21

In: 44.773+/-708.197 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.167+/-480.322 χ^2/NDF : 18.7/21

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1419.753+/-0.501 χ^2/NDF : 133305.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1402.574+/-0.462 χ^2/NDF : 150230.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

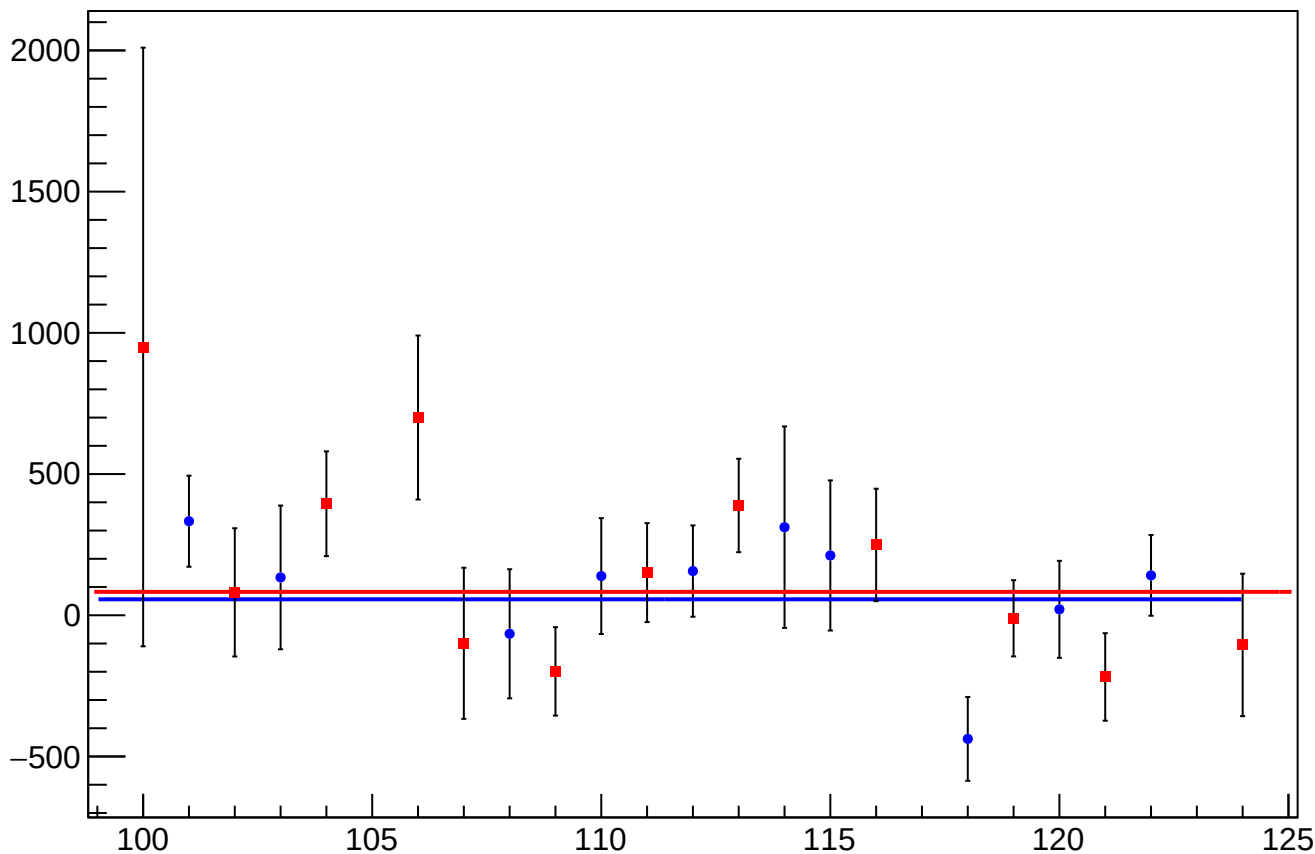
Right: 1410.477+/-0.340 χ^2/NDF : 284171.8/21

In: 1419.753+/-0.501 χ^2/NDF : 133305.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.477+/-0.340 χ^2/NDF : 284171.8/21

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 56.552 $\pm$ 59.194 χ^2 /NDF: 16.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.993 $\pm$ 55.676 χ^2 /NDF: 20.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

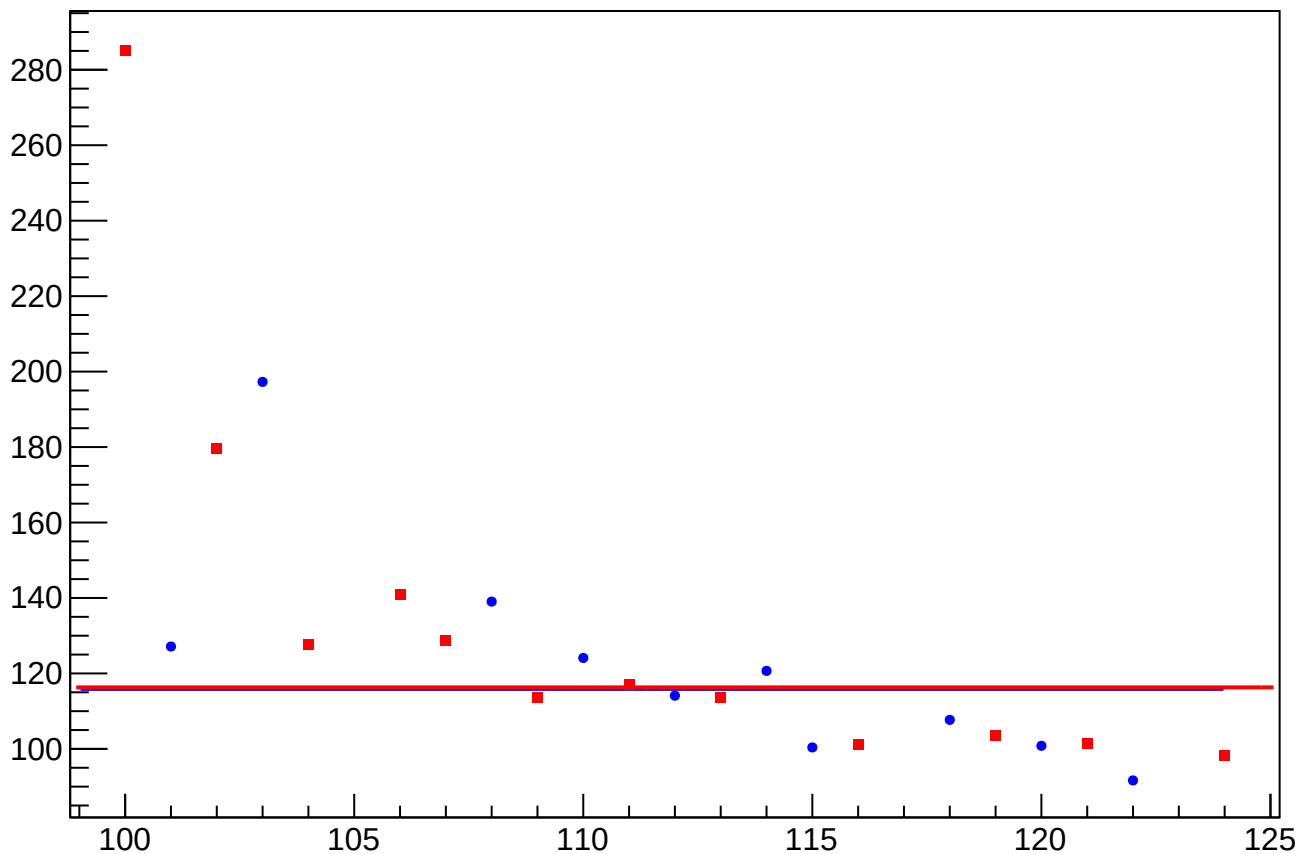
Right: 70.581 $\pm$ 40.556 χ^2 /NDF: 37.1/21

In: 56.552 $\pm$ 59.194 χ^2 /NDF:16.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.581 $\pm$ 40.556 χ^2 /NDF: 37.1/21

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 115.919+/-0.042 χ^2/NDF : 324463.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.305+/-0.039 χ^2/NDF : 291631.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

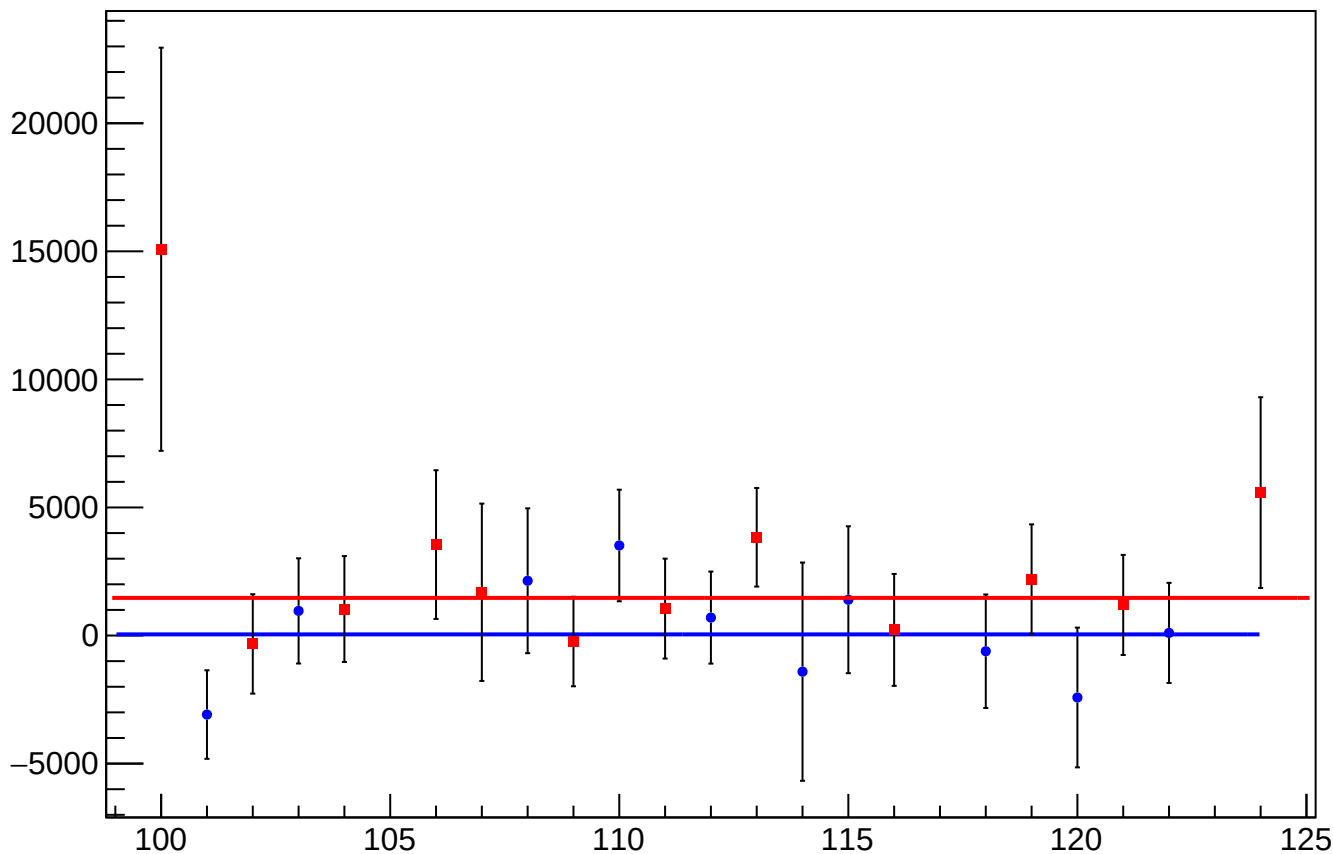
Right: 116.124+/-0.029 χ^2/NDF : 616140.4/21

In: 115.919+/-0.042 χ^2/NDF : 324463.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.124+/-0.029 χ^2/NDF : 616140.4/21

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 44.776+/-708.195 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1469.573+/-653.634 χ^2/NDF : 8.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

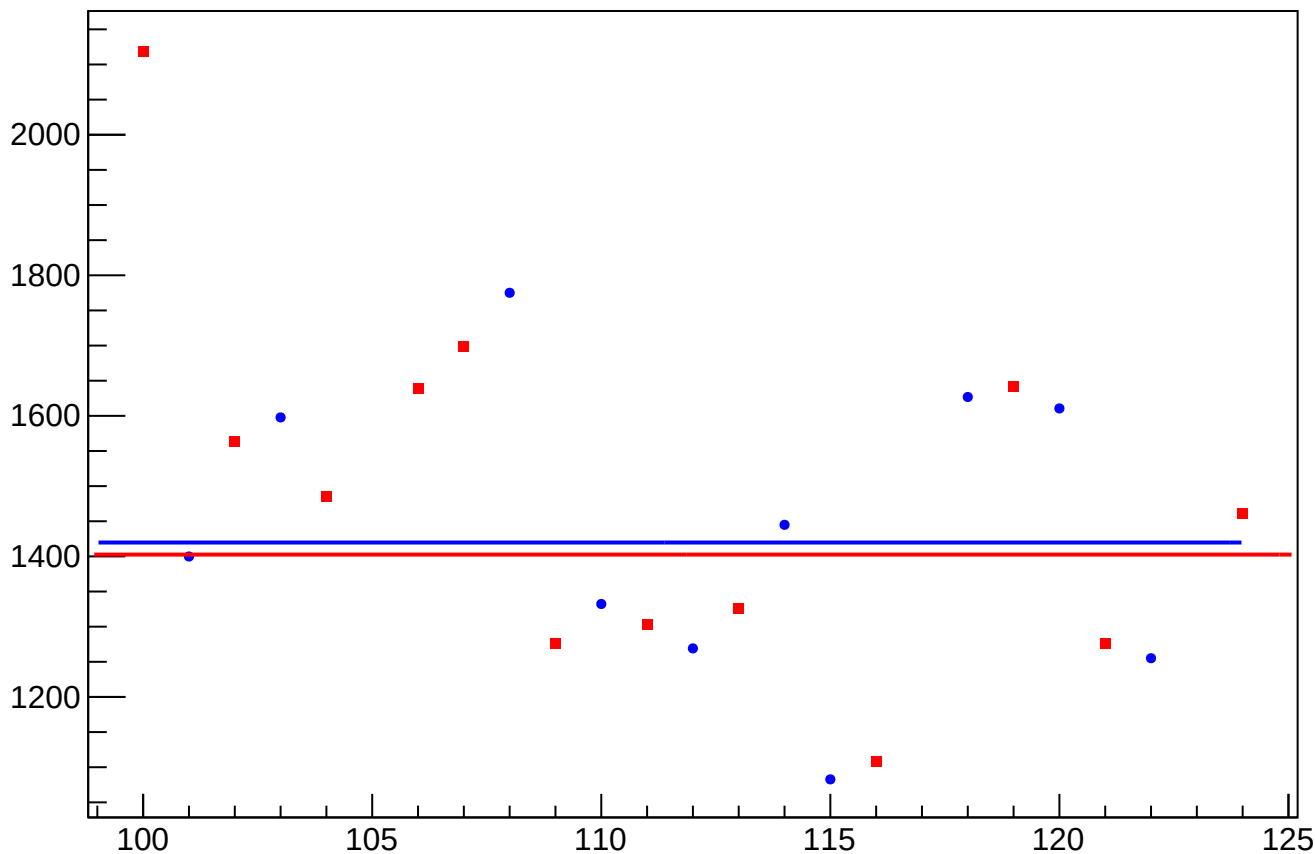
Right: 814.167+/-480.321 χ^2/NDF : 18.7/21

In: 44.776+/-708.195 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.167+/-480.321 χ^2/NDF : 18.7/21

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1419.749+/-0.501 χ^2/NDF : 133306.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1402.571+/-0.462 χ^2/NDF : 150231.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

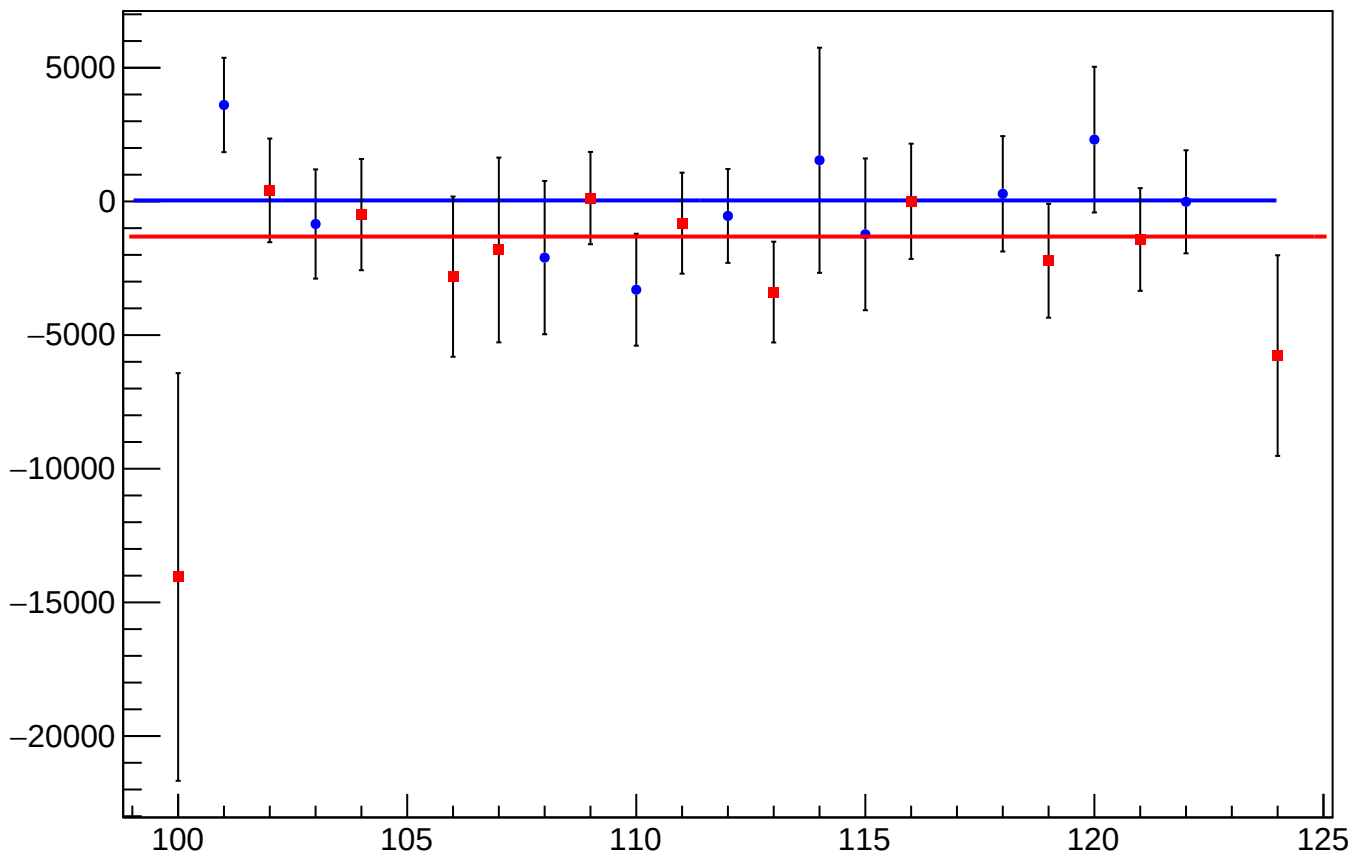
Right: 1410.473+/-0.340 χ^2/NDF : 284173.6/21

In: 1419.749+/-0.501 χ^2/NDF : 133306.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.473+/-0.340 χ^2/NDF : 284173.6/21

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 37.071+/-701.288 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1314.772+/-647.755 χ^2/NDF : 8.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

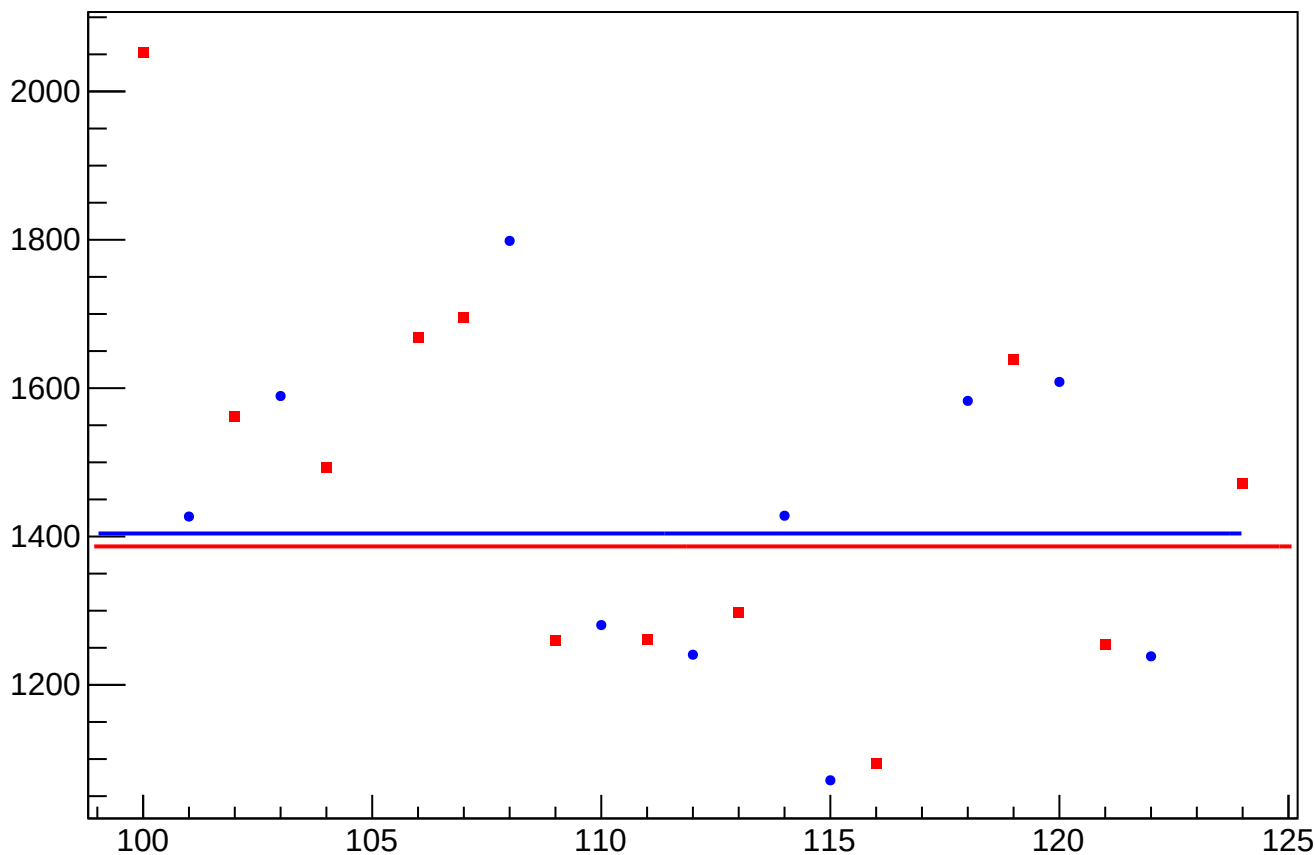
Right: -692.410+/-475.833 χ^2/NDF : 18.5/21

In: 37.071+/-701.288 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -692.410+/-475.833 χ^2/NDF : 18.5/21

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1404.110+/-0.496 χ^2/NDF : 146138.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1386.670+/-0.458 χ^2/NDF : 169743.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

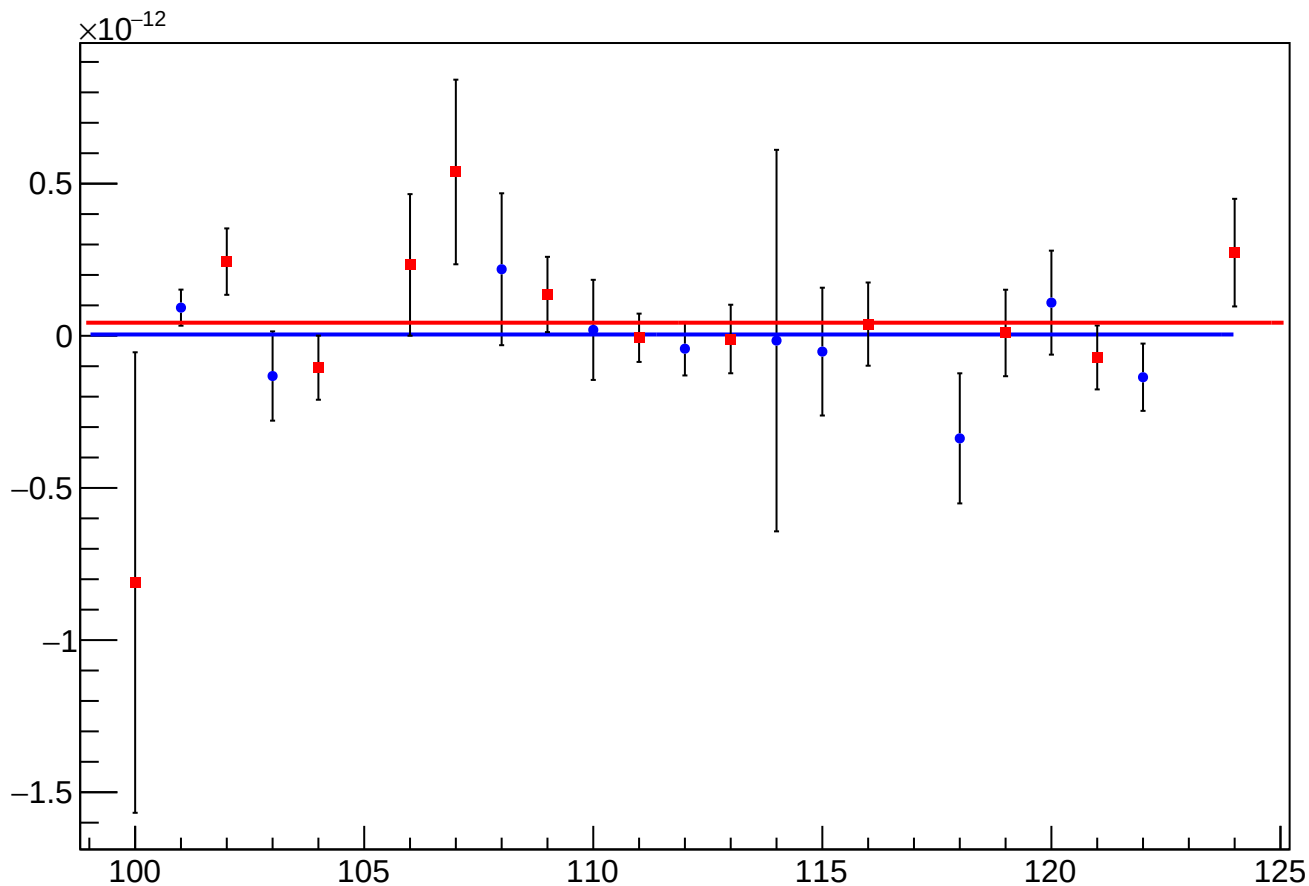
Right: 1394.699+/-0.336 χ^2/NDF : 316549.3/21

In: 1404.110+/-0.496 χ^2/NDF : 146138.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.699+/-0.336 χ^2/NDF : 316549.3/21

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

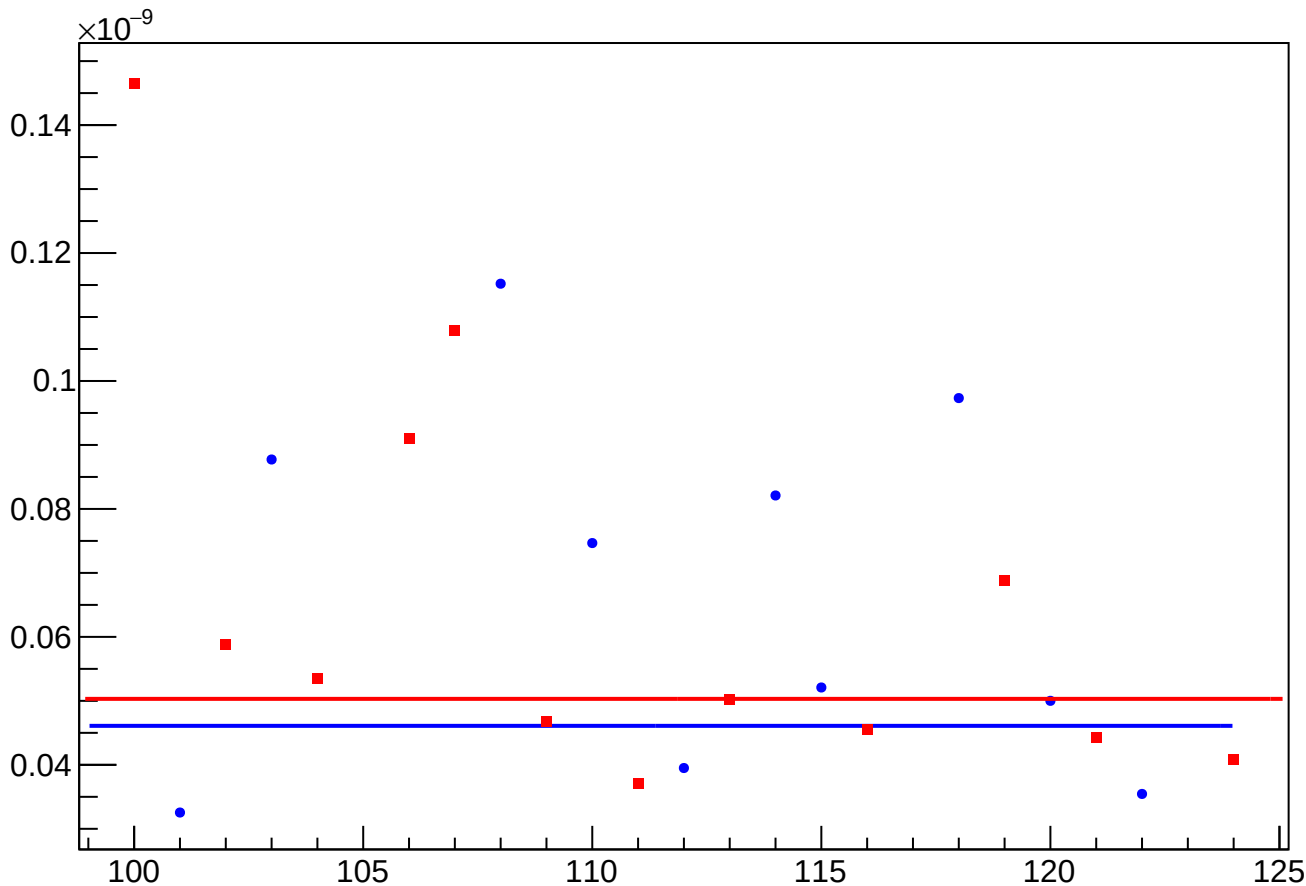
Right: 0.000+/-0.000 χ^2/NDF : 23.3/21

In: 0.000+/-0.000 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.3/21

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 633338.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 284909.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

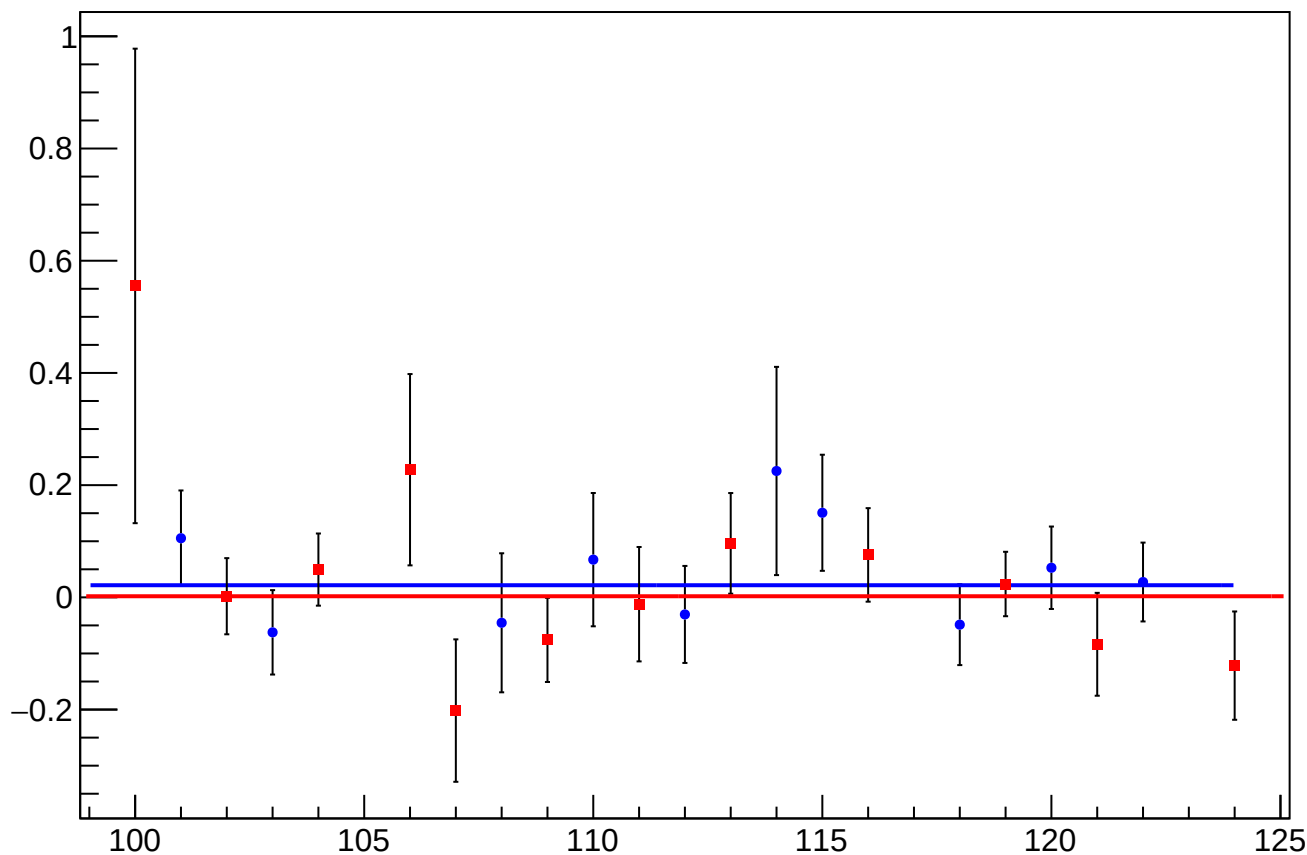
Right: 0.000+/-0.000 χ^2/NDF : 930773.5/21

In: 0.000+/-0.000 χ^2/NDF : 633338.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 930773.5/21

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.028 χ^2 /NDF: 6.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.025 χ^2 /NDF: 12.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

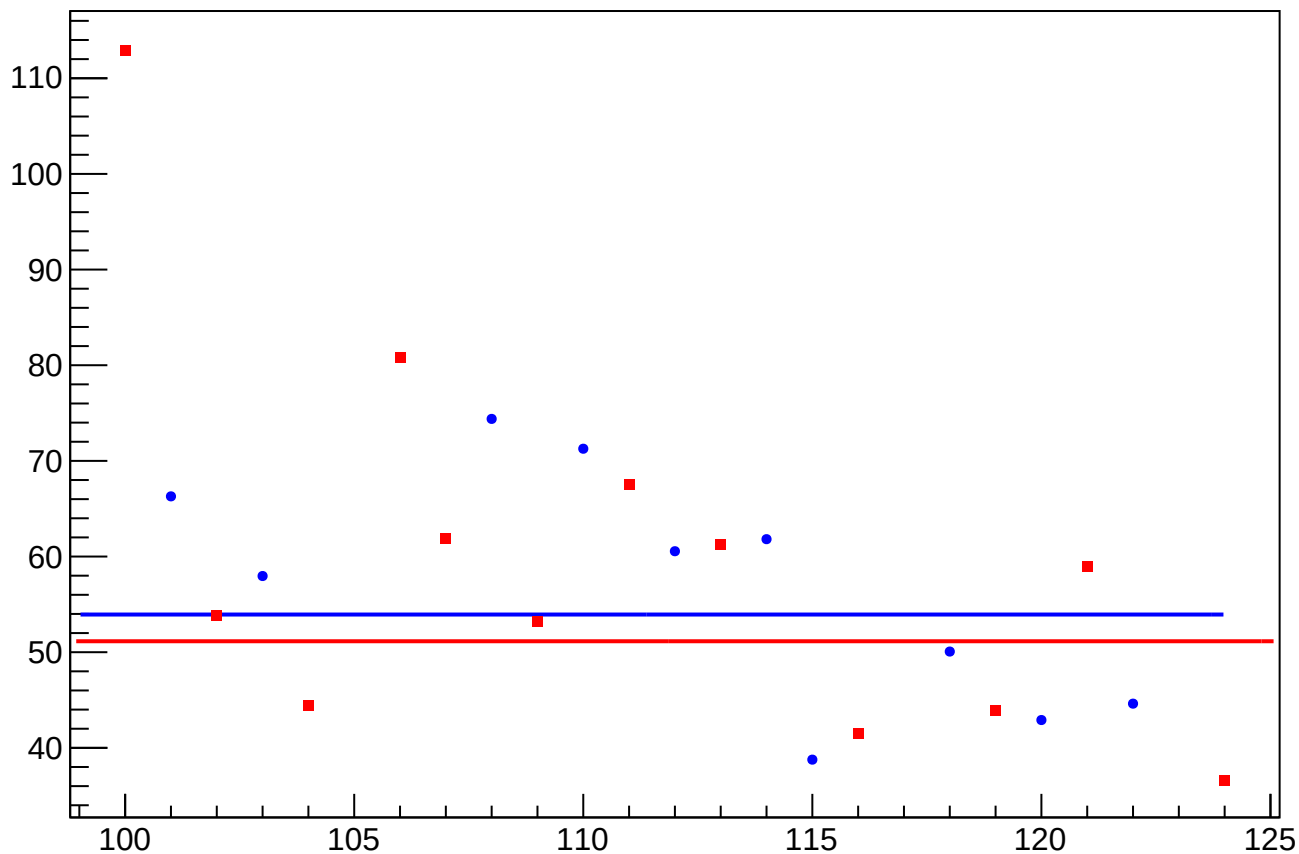
Right: 0.011 $\pm$ 0.019 χ^2 /NDF: 19.4/21

In: 0.022 $\pm$ 0.028 χ^2 /NDF:6.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.019 χ^2 /NDF: 19.4/21

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.938+/-0.020 χ^2/NDF : 289279.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 51.145+/-0.018 χ^2/NDF : 339755.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

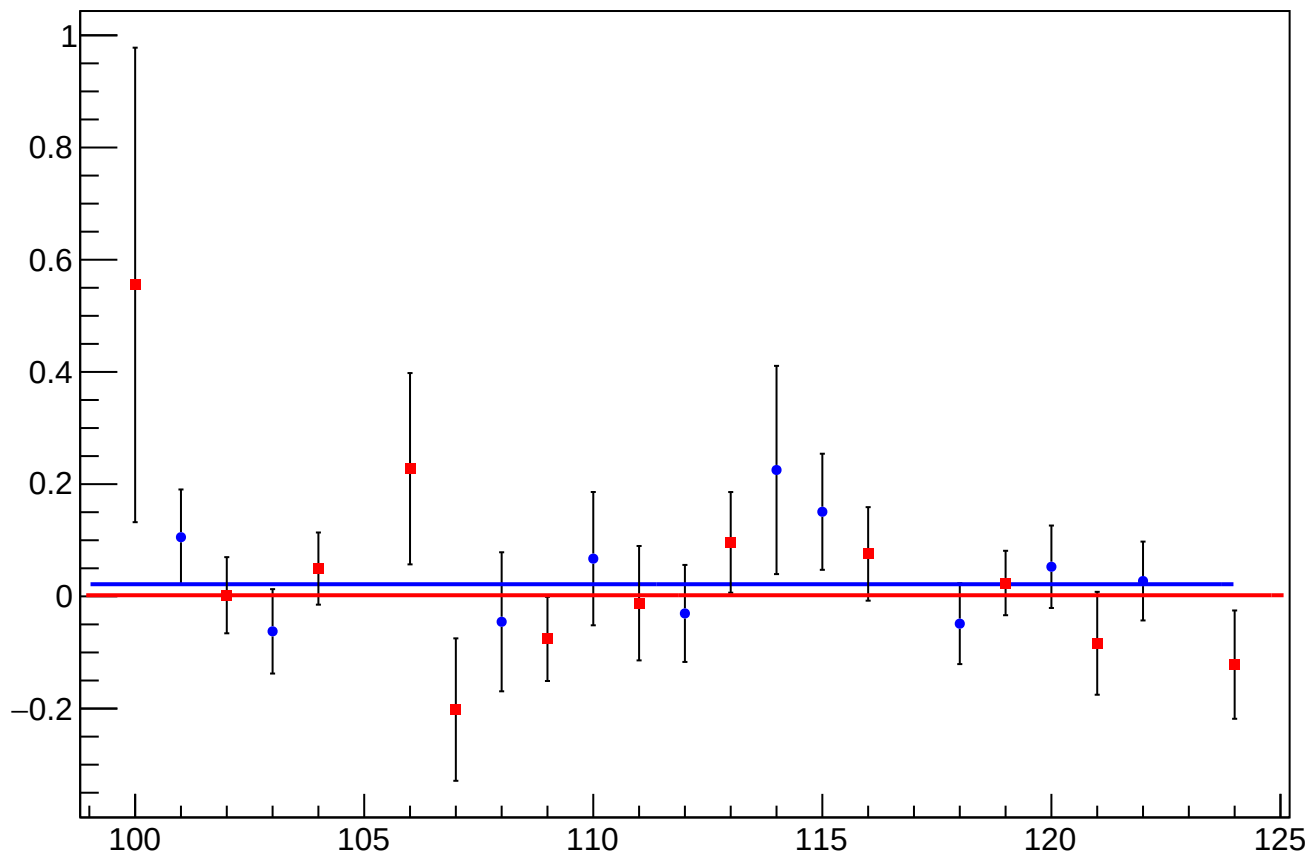
Right: 52.376+/-0.013 χ^2/NDF : 640267.0/21

In: 53.938+/-0.020 χ^2/NDF :289279.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.376+/-0.013 χ^2/NDF : 640267.0/21

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.025 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

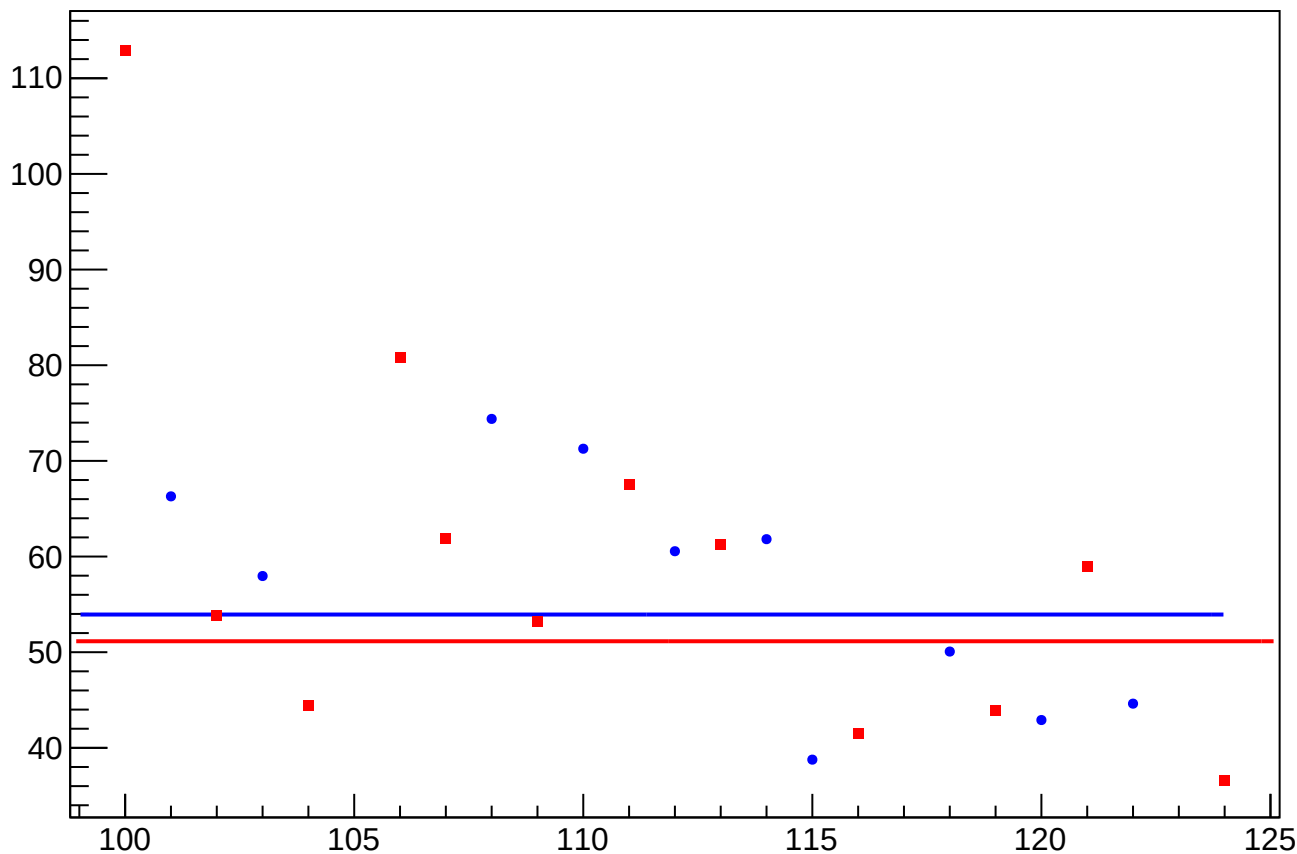
Right: 0.011+/-0.019 χ^2/NDF : 19.4/21

In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.019 χ^2/NDF : 19.4/21

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.938+/-0.020 χ^2/NDF : 289279.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.145+/-0.018 χ^2/NDF : 339755.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

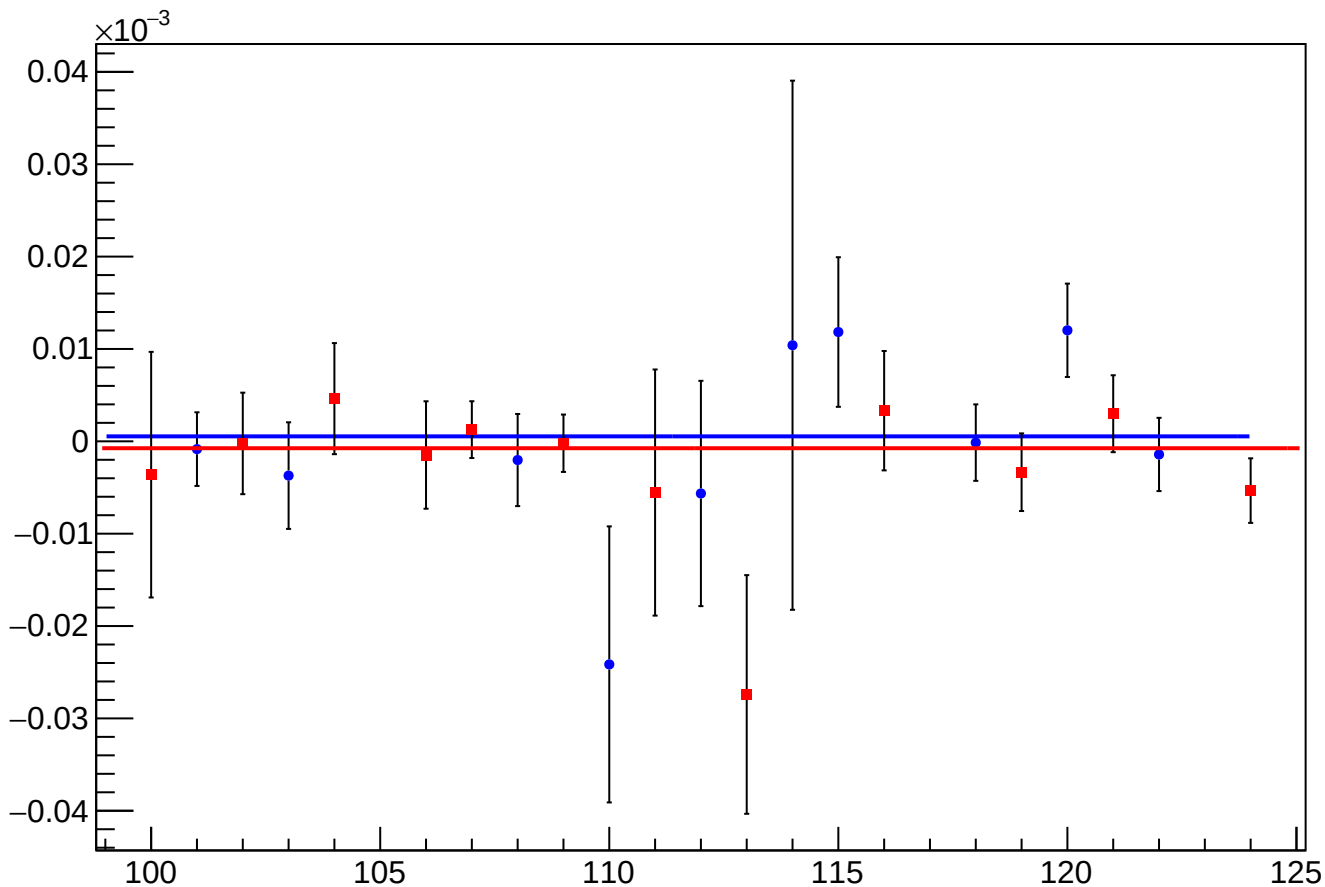
Right: 52.376+/-0.013 χ^2/NDF : 640267.0/21

In: 53.938+/-0.020 χ^2/NDF : 289279.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.376+/-0.013 χ^2/NDF : 640267.0/21

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

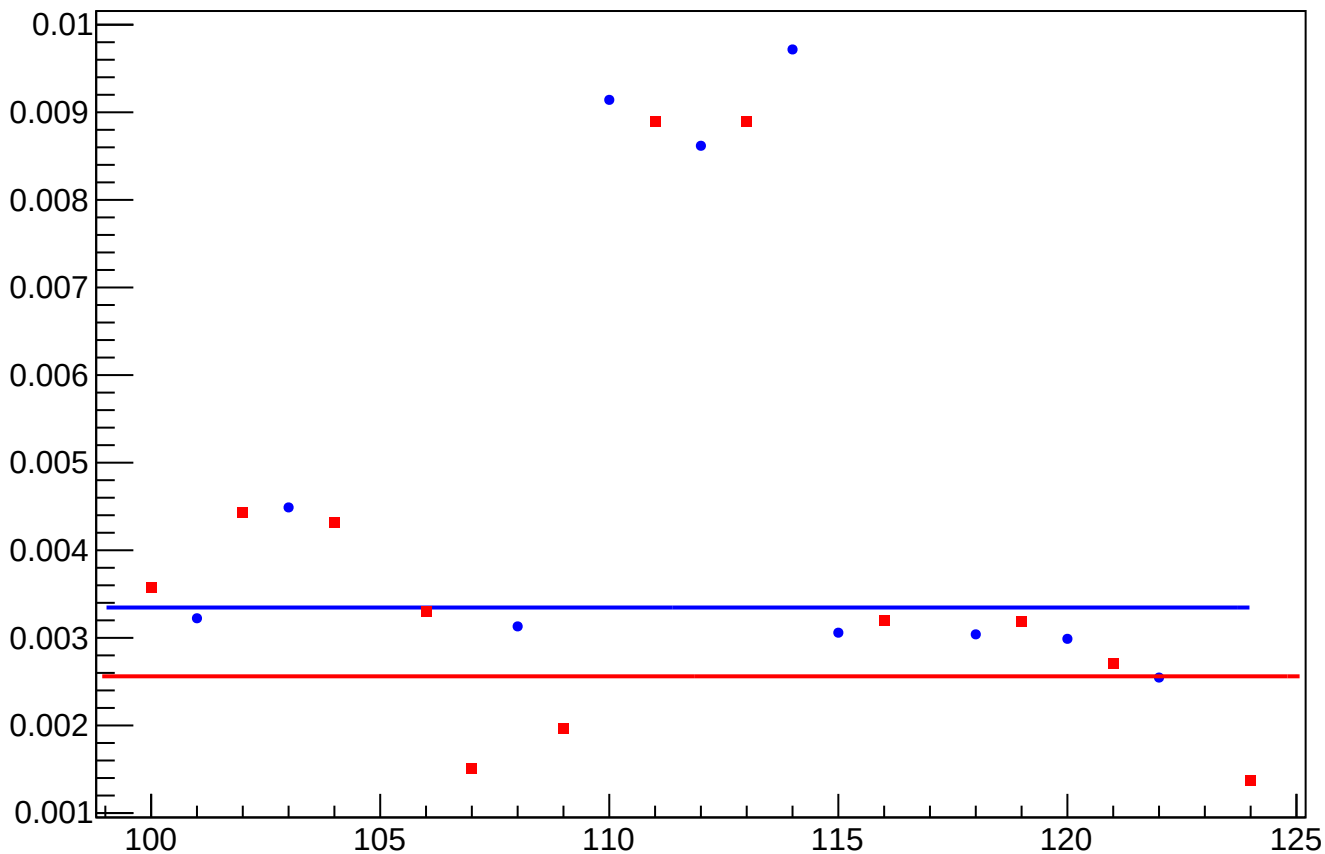
Right: -0.000+/-0.000 χ^2/NDF : 20.8/21

In: 0.000+/-0.000 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.8/21

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 962163.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1987794.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

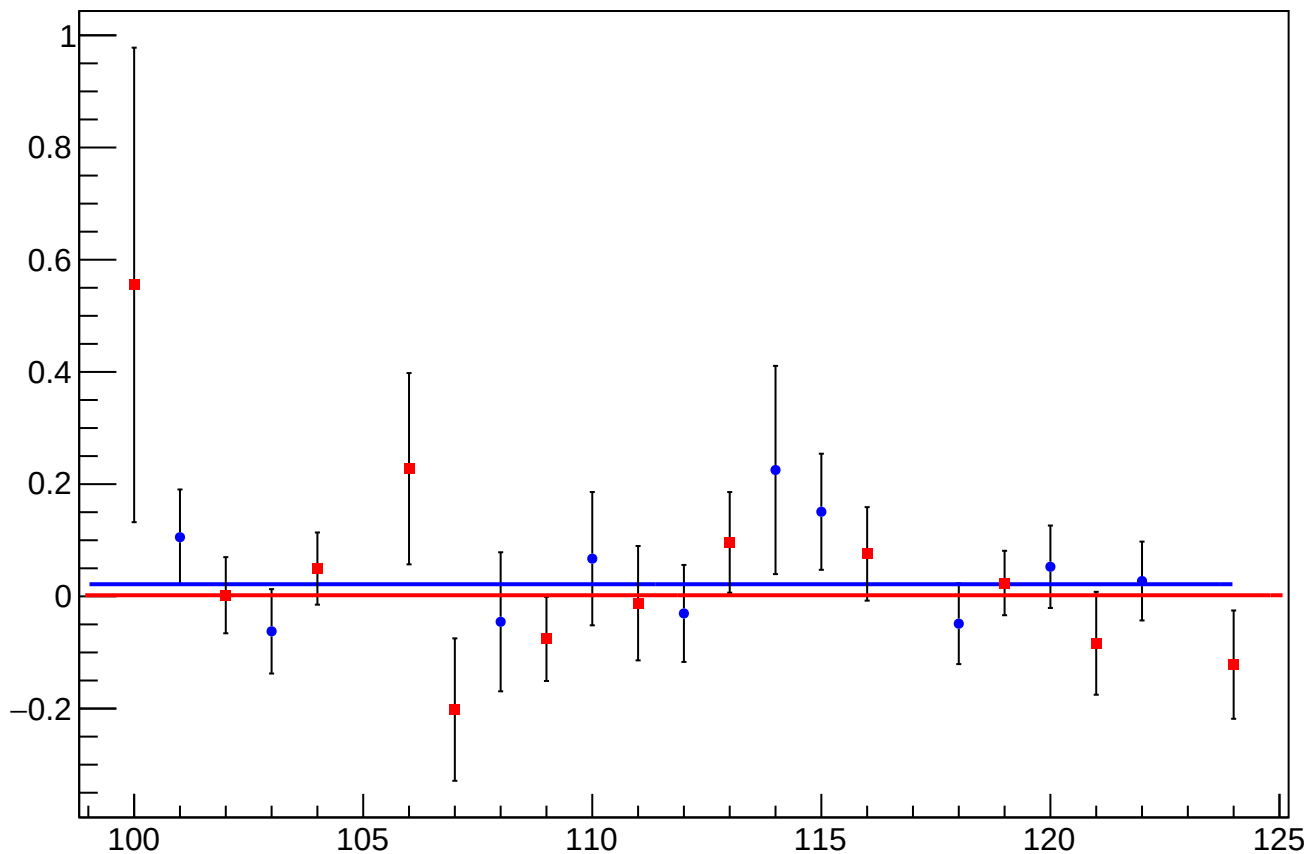
Right: 0.003+/-0.000 χ^2/NDF : 3198301.0/21

In: 0.003+/-0.000 χ^2/NDF :962163.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3198301.0/21

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.025 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

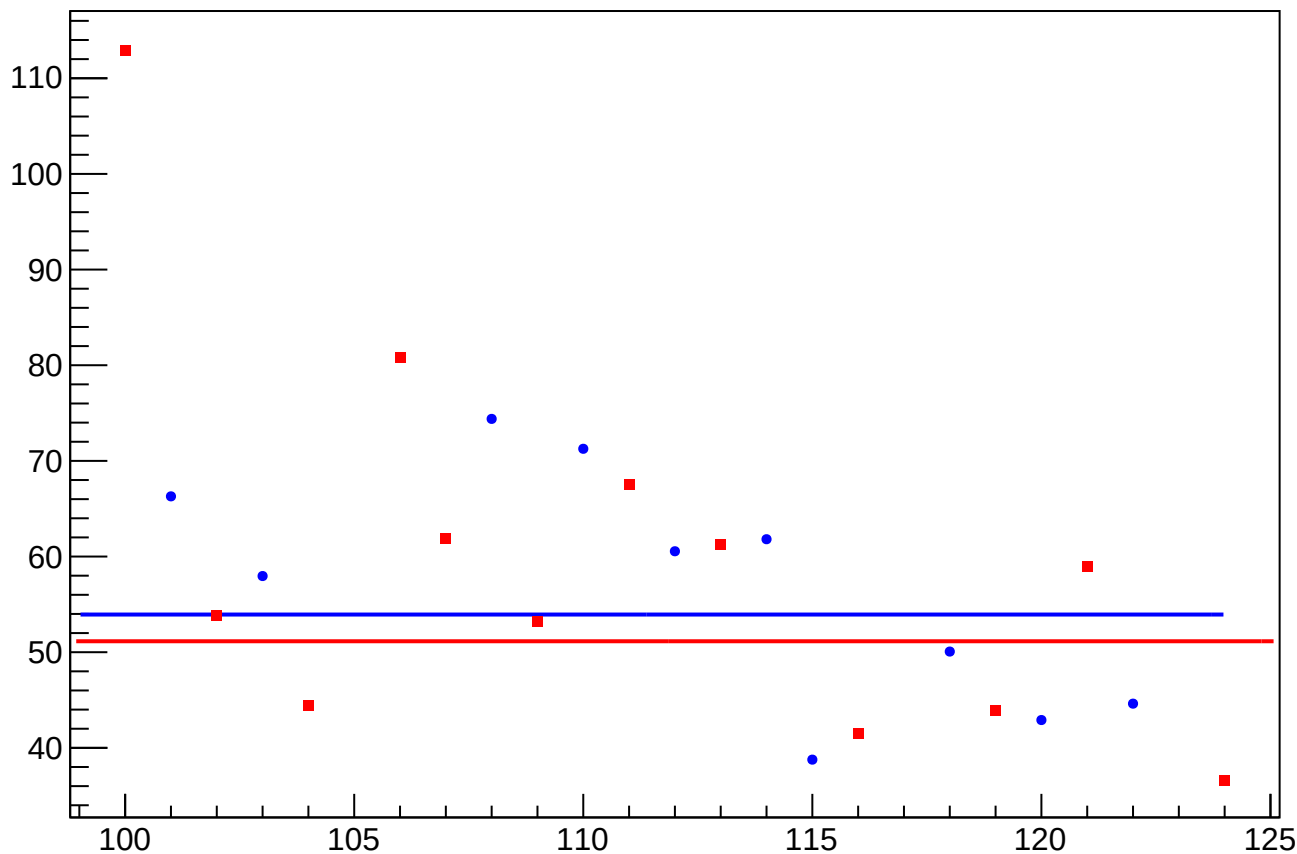
Right: 0.011+/-0.019 χ^2/NDF : 19.4/21

In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.019 χ^2/NDF : 19.4/21

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.937+/-0.020 χ^2/NDF : 289246.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.144+/-0.017 χ^2/NDF : 339695.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

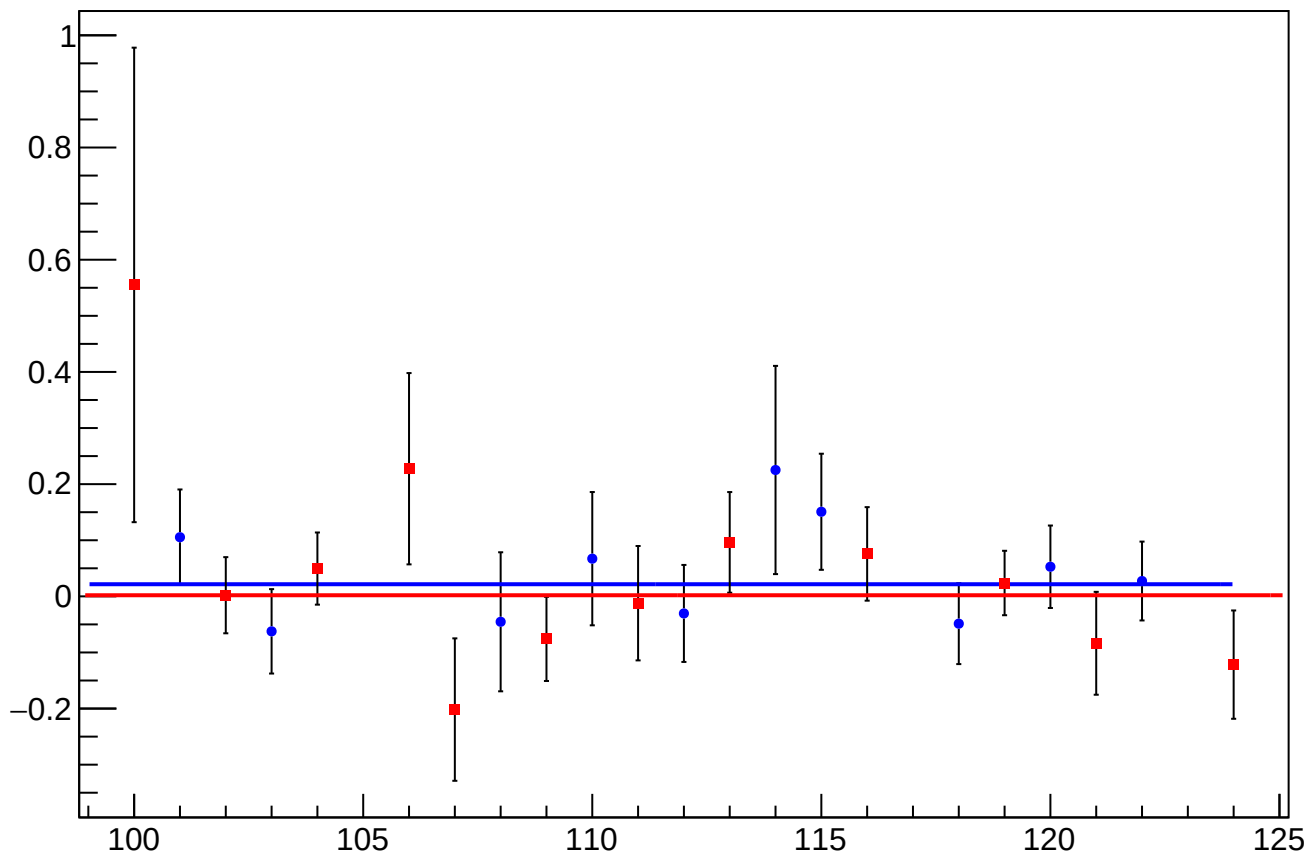
Right: 52.376+/-0.013 χ^2/NDF : 640173.4/21

In: 53.937+/-0.020 χ^2/NDF : 289246.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.376+/-0.013 χ^2/NDF : 640173.4/21

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.025 χ^2/NDF : 12.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

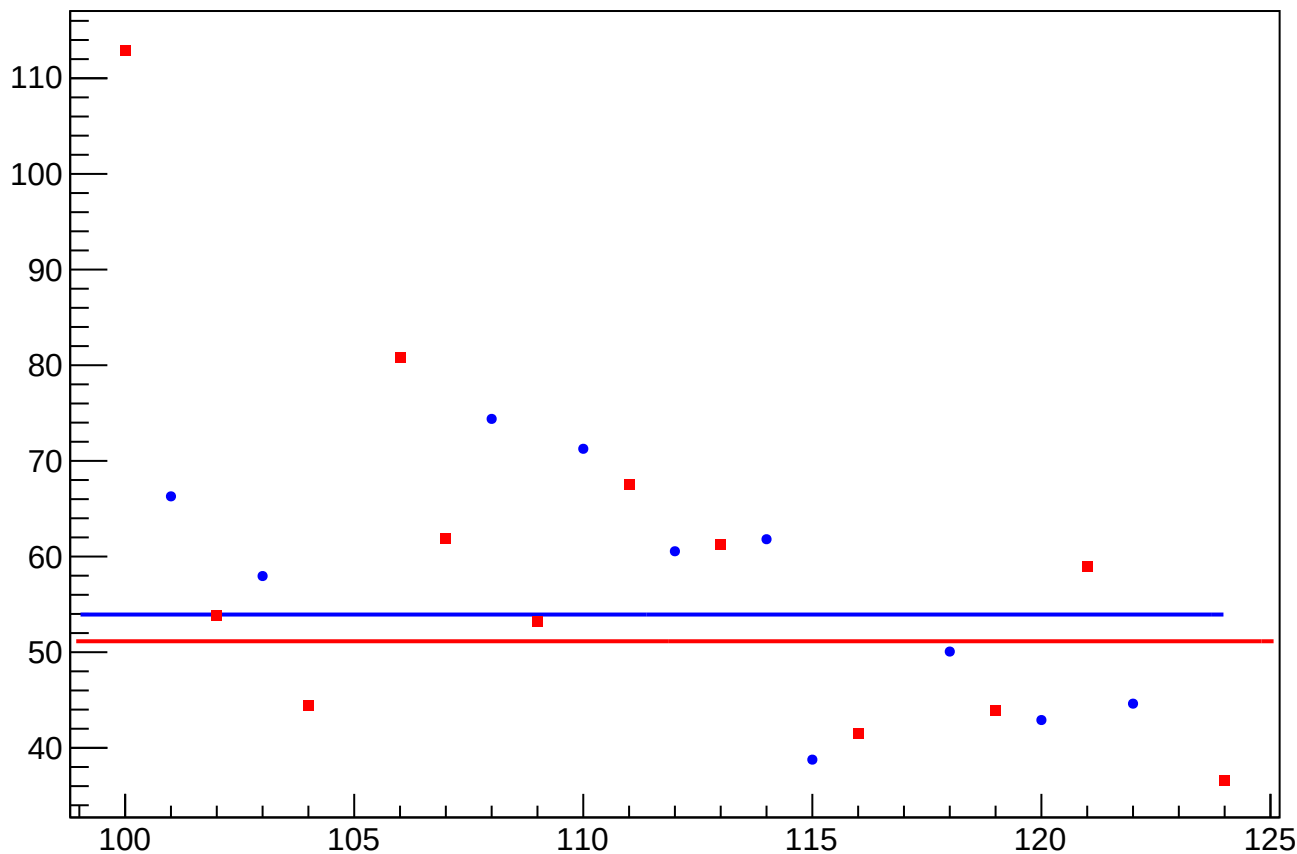
Right: 0.011+/-0.019 χ^2/NDF : 19.4/21

In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.019 χ^2/NDF : 19.4/21

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.937+/-0.020 χ^2/NDF : 289246.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.144+/-0.017 χ^2/NDF : 339695.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

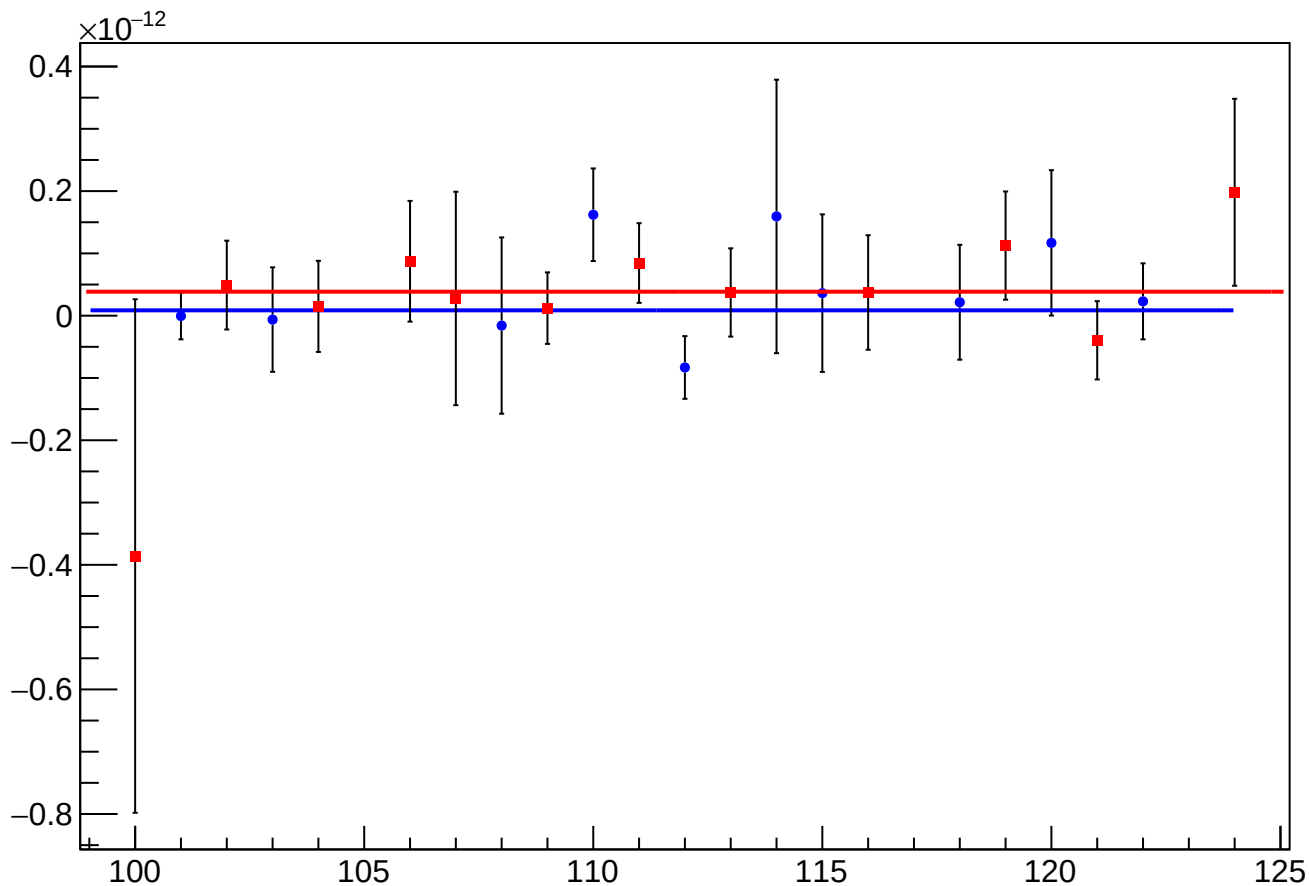
Right: 52.376+/-0.013 χ^2/NDF : 640173.4/21

In: 53.937+/-0.020 χ^2/NDF : 289246.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.376+/-0.013 χ^2/NDF : 640173.4/21

asym_sam_2468_avg_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 : 5.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

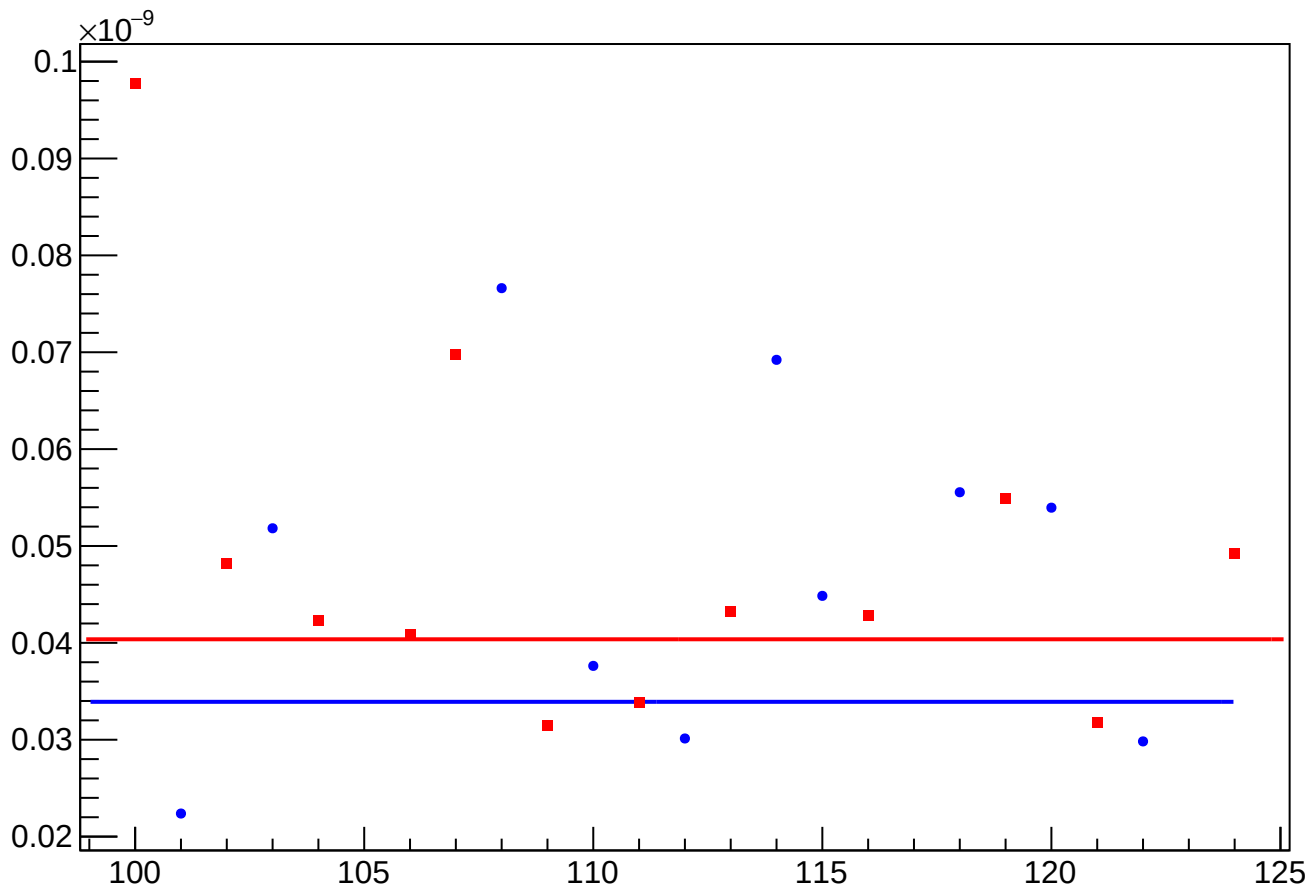
Right: 0.000+/-0.000 χ^2/NDF : 15.6/21

In: 0.000+/-0.000 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.6/21

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 723412.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 296557.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

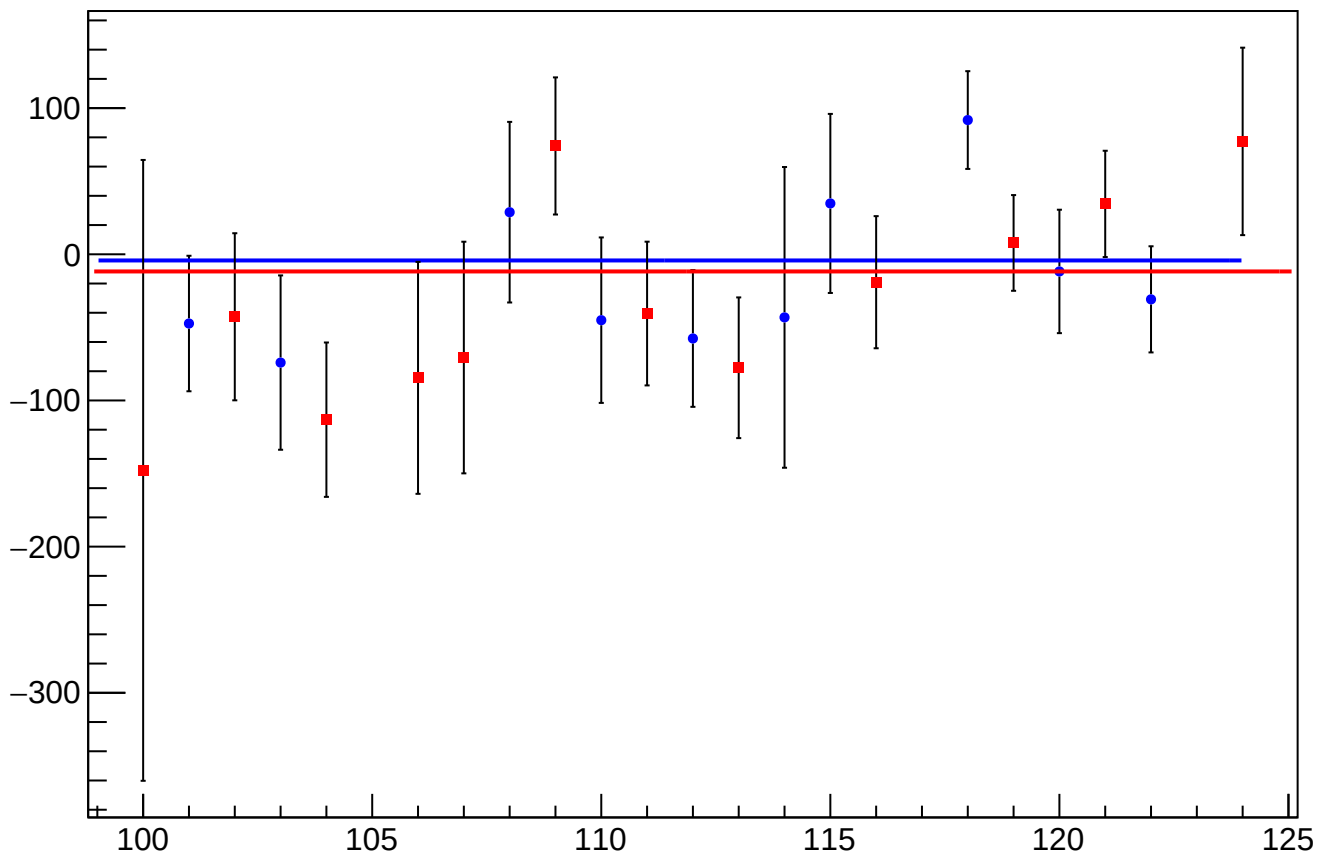
Right: 0.000+/-0.000 χ^2/NDF : 1099911.4/21

In: 0.000+/-0.000 χ^2/NDF : 723412.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1099911.4/21

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -4.217 ± 15.157 $\chi^2/\text{NDF}: 13.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -11.737 ± 14.545 $\chi^2/\text{NDF}: 15.3/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

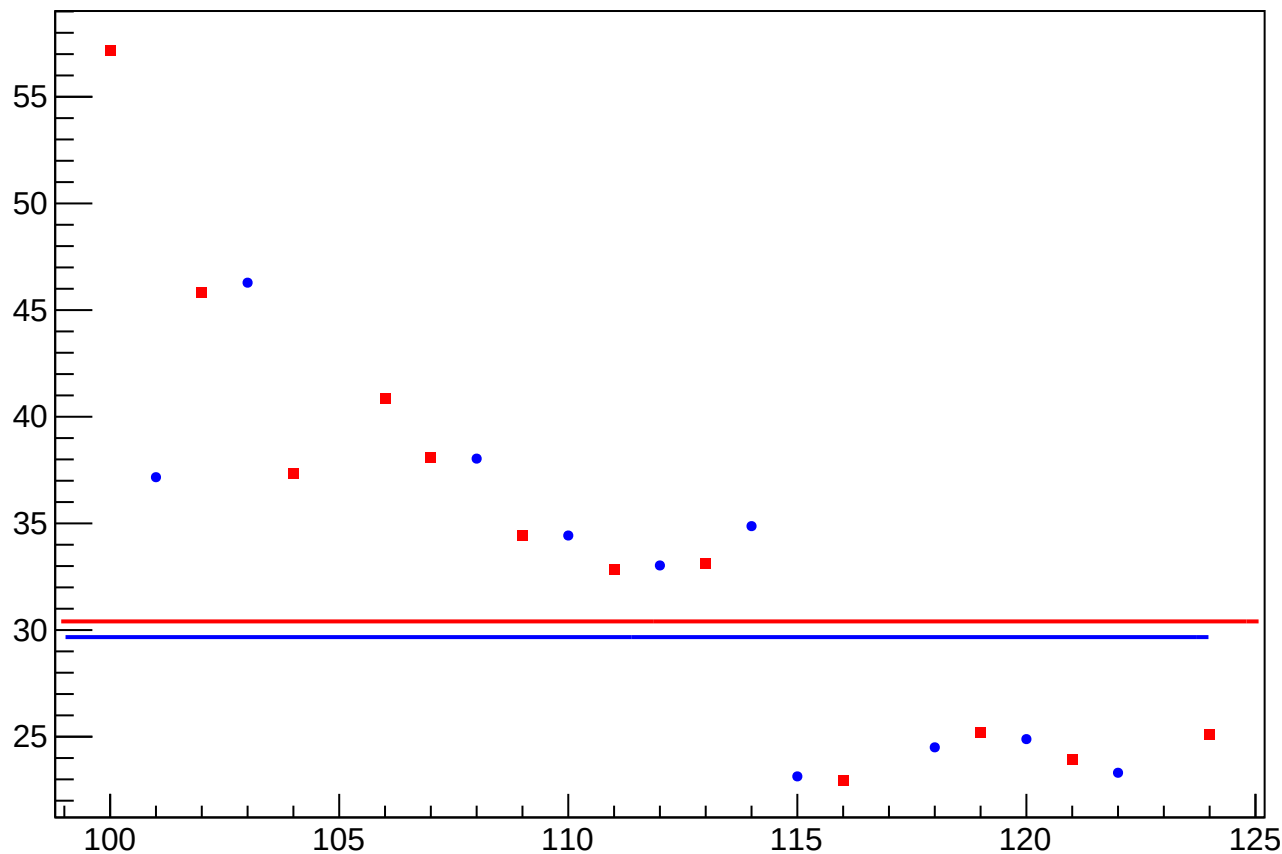
Right: -8.132 ± 10.495 $\chi^2/\text{NDF}: 29.1/21$

In: -4.217 ± 15.157 $\chi^2/\text{NDF}: 13.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.132 ± 10.495 $\chi^2/\text{NDF}: 29.1/21$

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.669+/-0.011 χ^2/NDF : 431394.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.405+/-0.010 χ^2/NDF : 473204.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

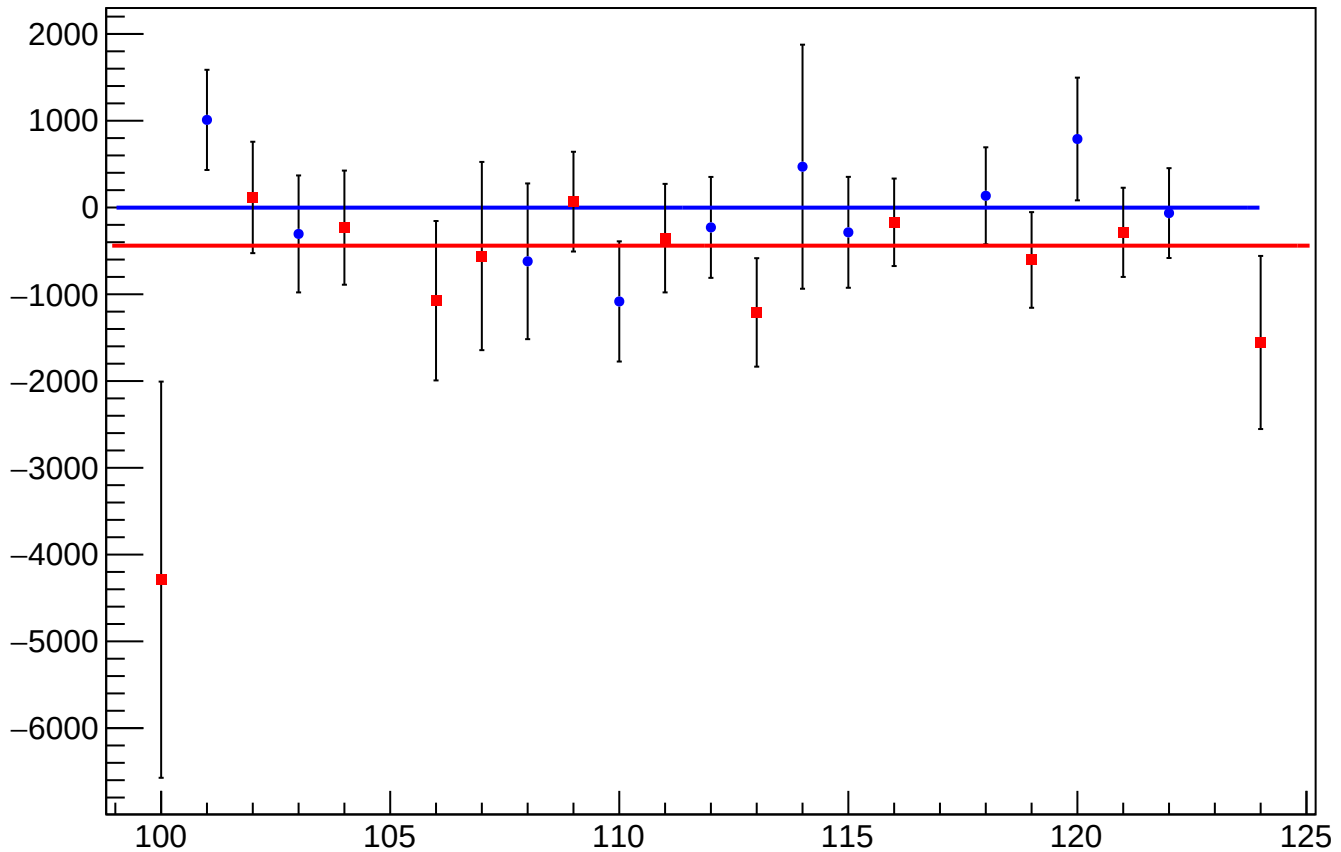
Right: 30.052+/-0.007 χ^2/NDF : 907053.7/21

In: 29.669+/-0.011 χ^2/NDF : 431394.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.052+/-0.007 χ^2/NDF : 907053.7/21

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1.541+/-206.855 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -439.745+/-192.001 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

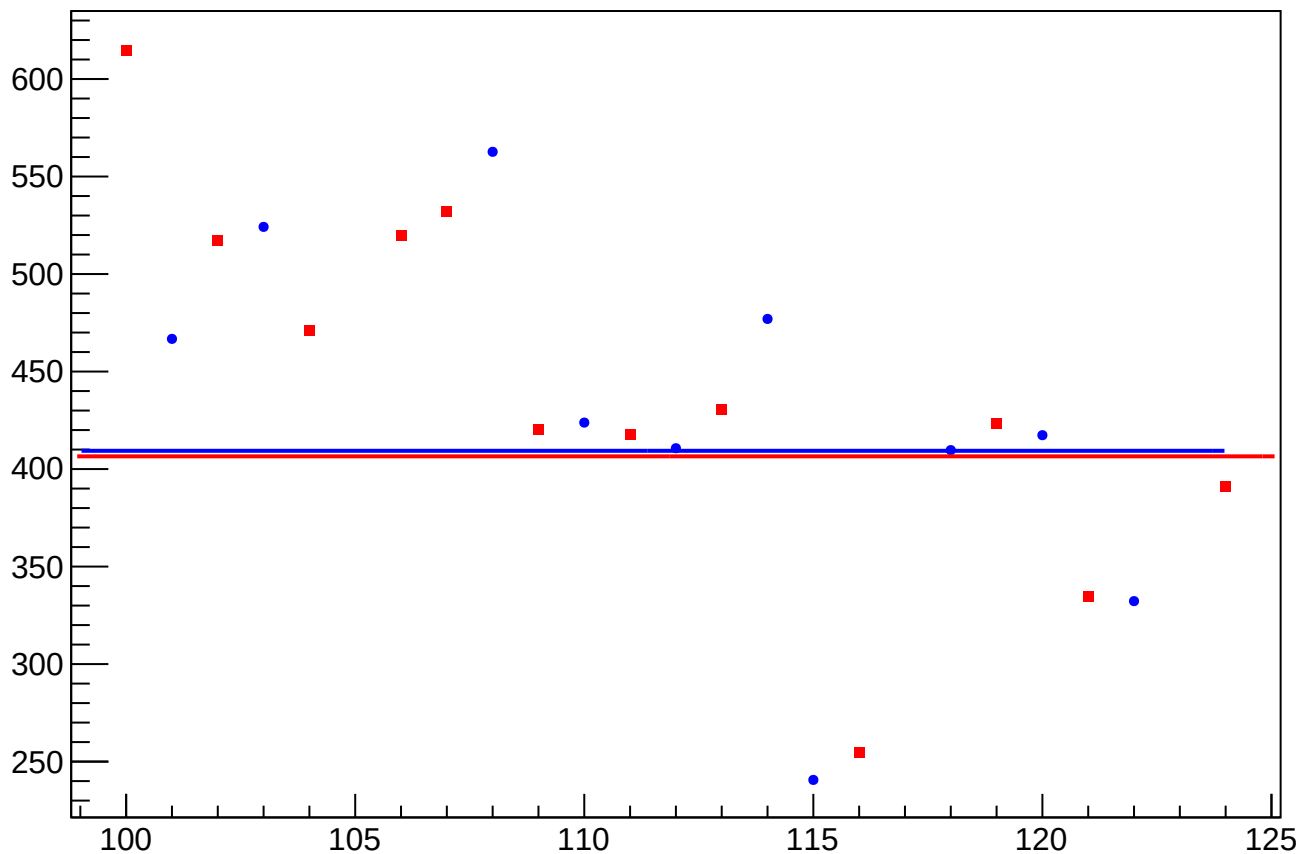
Right: -236.939+/-140.724 χ^2/NDF : 18.6/21

In: -1.541+/-206.855 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -236.939+/-140.724 χ^2/NDF : 18.6/21

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 409.366+/-0.146 χ^2/NDF : 325728.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.522+/-0.136 χ^2/NDF : 379390.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

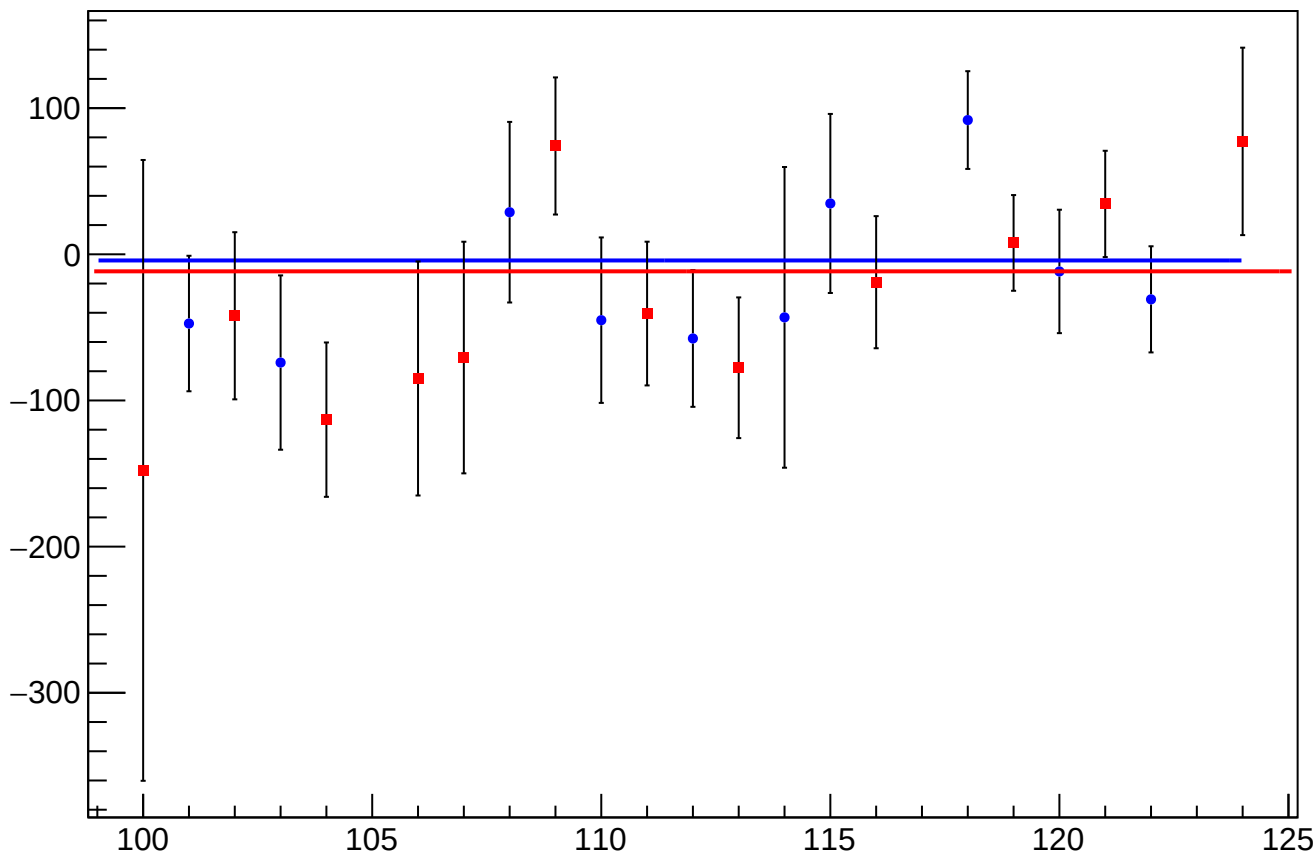
Right: 407.838+/-0.100 χ^2/NDF : 705322.7/21

In: 409.366+/-0.146 χ^2/NDF : 325728.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.838+/-0.100 χ^2/NDF : 705322.7/21

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -4.212 $\pm$ 15.157 χ^2 /NDF: 13.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.654 $\pm$ 14.550 χ^2 /NDF: 15.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

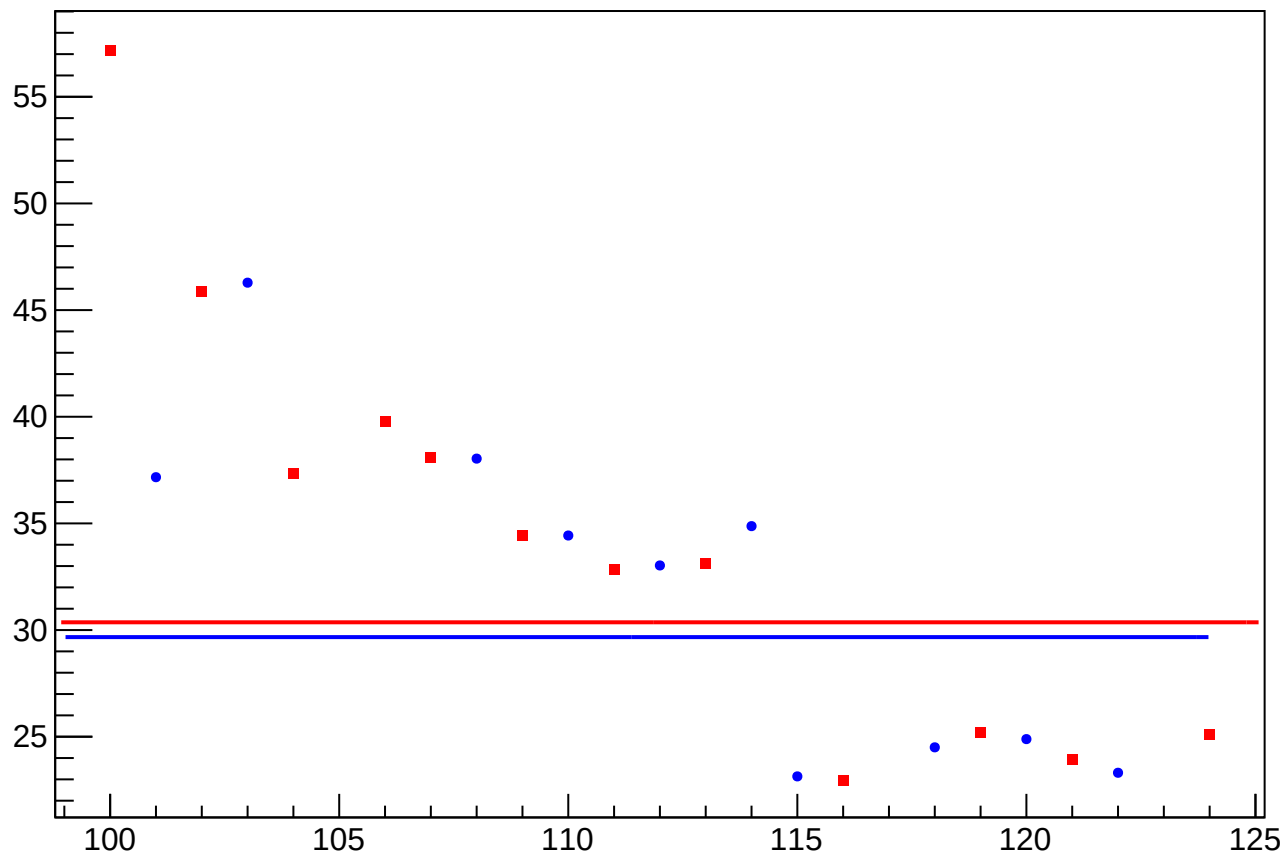
Right: -8.085 $\pm$ 10.496 χ^2 /NDF: 29.1/21

In: -4.212 $\pm$ 15.157 χ^2 /NDF:13.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.085 $\pm$ 10.496 χ^2 /NDF: 29.1/21

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.669+/-0.011 χ^2 /NDF: 431397.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 30.363+/-0.010 χ^2 /NDF: 466095.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

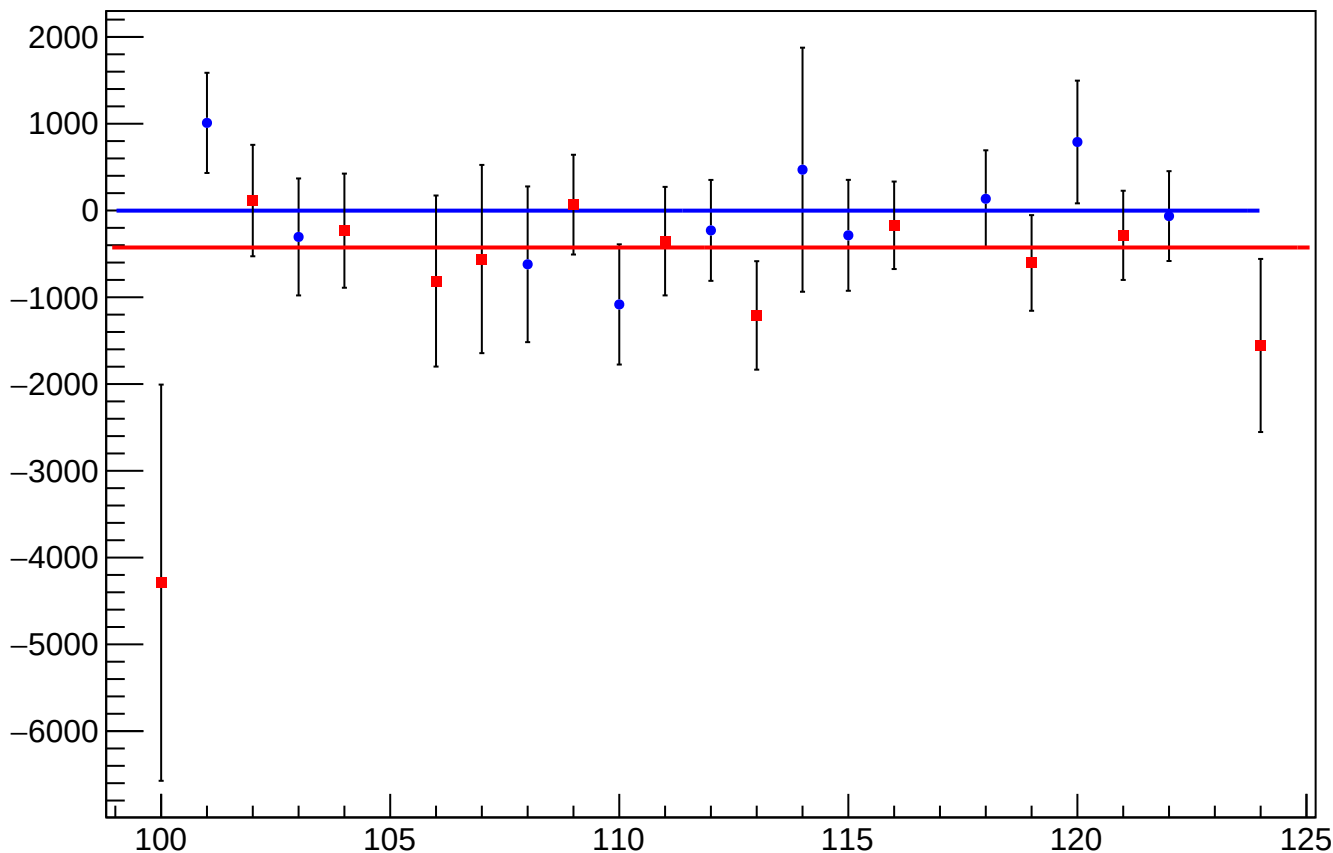
Right: 30.030+/-0.007 χ^2 /NDF: 899675.8/21

In: 29.669+/-0.011 χ^2 /NDF:431397.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 30.030+/-0.007 χ^2 /NDF: 899675.8/21

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1.557+/-206.855 χ^2 /NDF: 8.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -426.295+/-192.564 χ^2 /NDF: 7.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

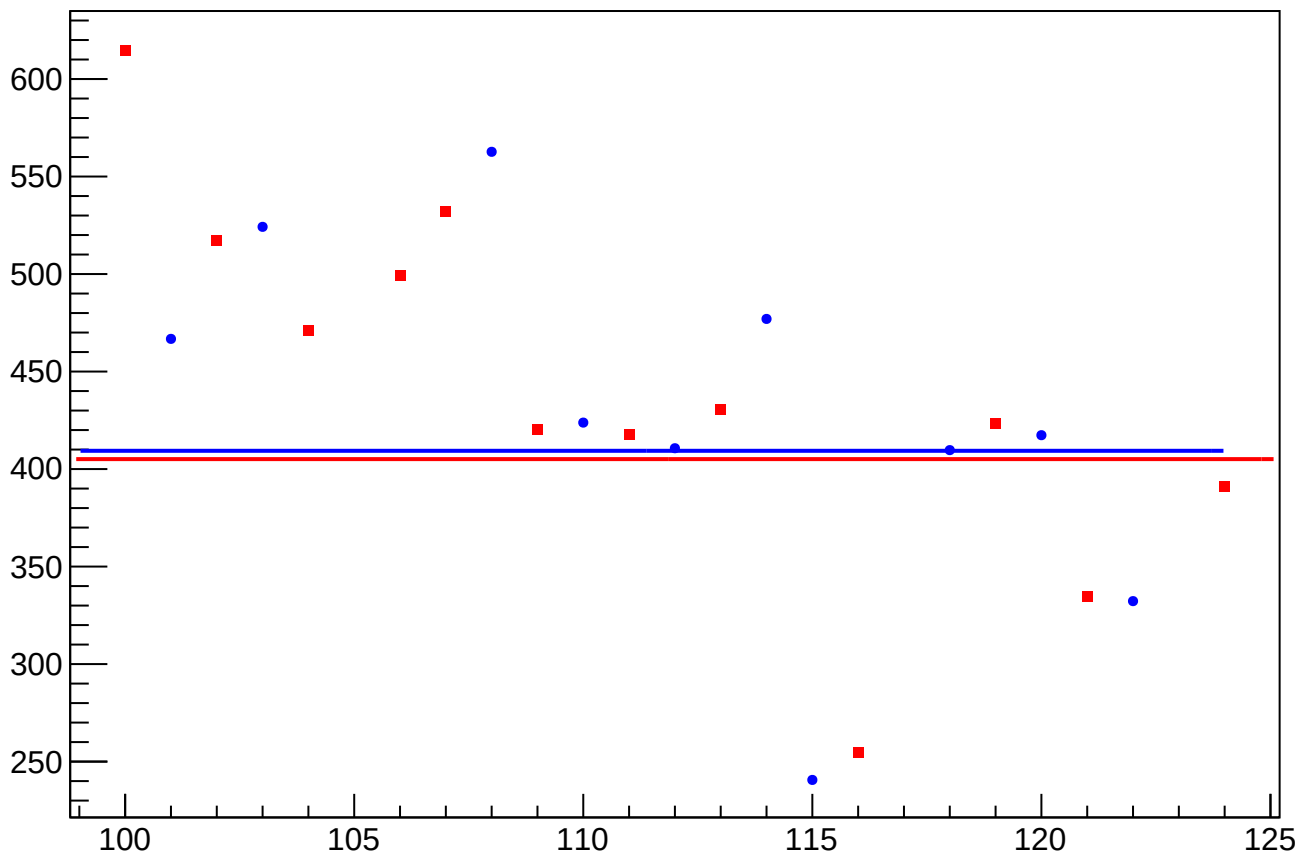
Right: -229.105+/-140.945 χ^2 /NDF: 18.1/21

In: -1.557+/-206.855 χ^2 /NDF:8.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -229.105+/-140.945 χ^2 /NDF: 18.1/21

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 409.367+/-0.146 χ^2/NDF : 325751.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 405.103+/-0.136 χ^2/NDF : 366843.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

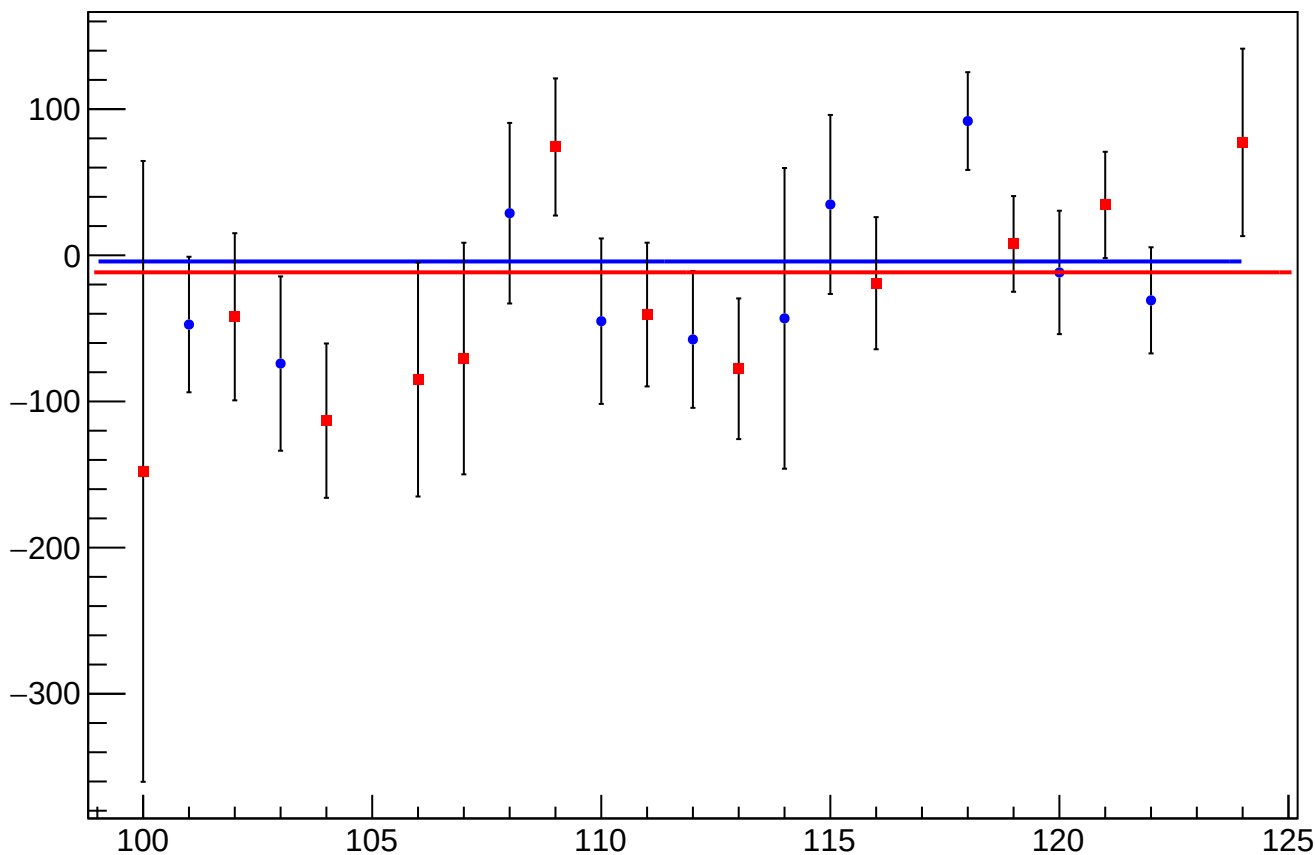
Right: 407.082+/-0.100 χ^2/NDF : 693050.6/21

In: 409.367+/-0.146 χ^2/NDF : 325751.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.082+/-0.100 χ^2/NDF : 693050.6/21

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -4.212 ± 15.157 $\chi^2/\text{NDF}: 13.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -11.654 ± 14.550 $\chi^2/\text{NDF}: 15.3/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

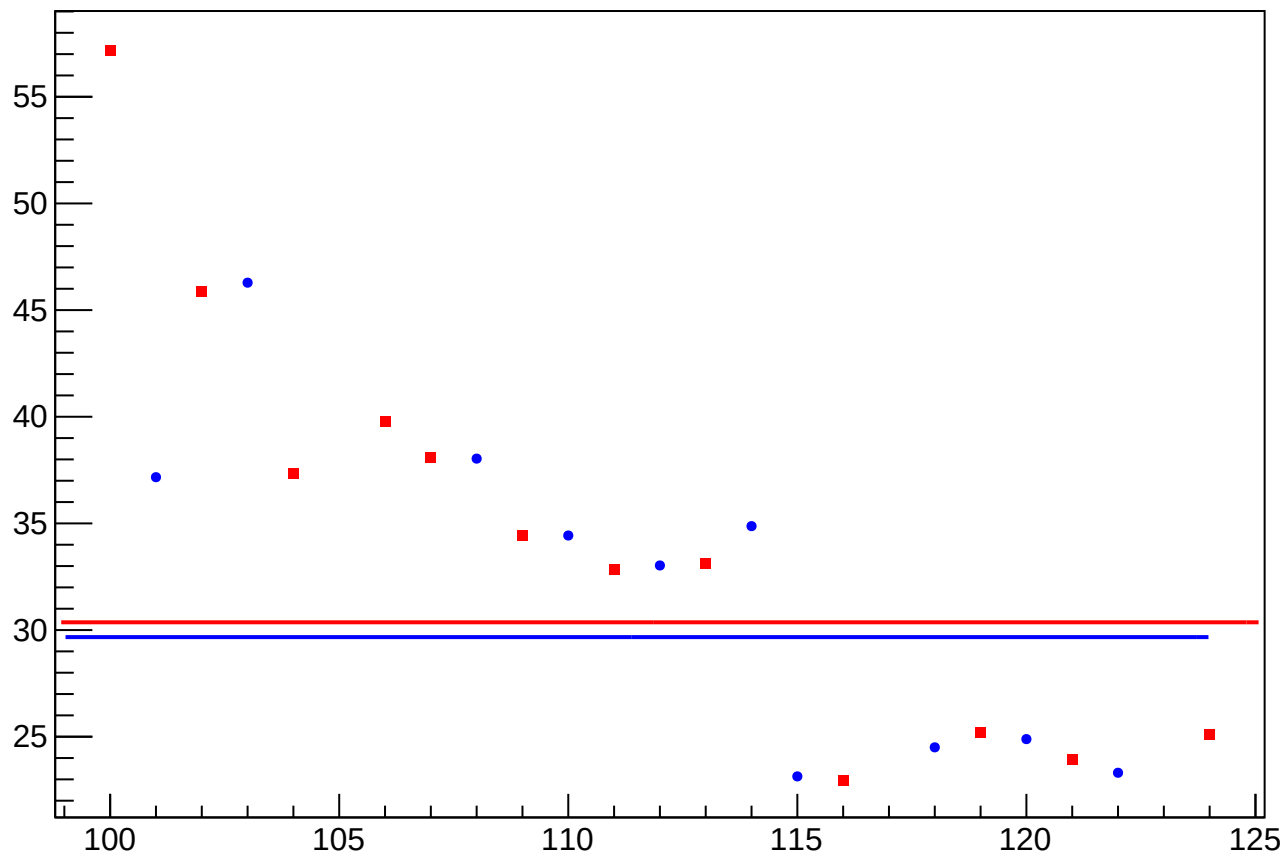
Right: -8.085 ± 10.496 $\chi^2/\text{NDF}: 29.1/21$

In: -4.212 ± 15.157 $\chi^2/\text{NDF}: 13.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.085 ± 10.496 $\chi^2/\text{NDF}: 29.1/21$

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.669+/-0.011 χ^2/NDF : 431397.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.363+/-0.010 χ^2/NDF : 466095.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

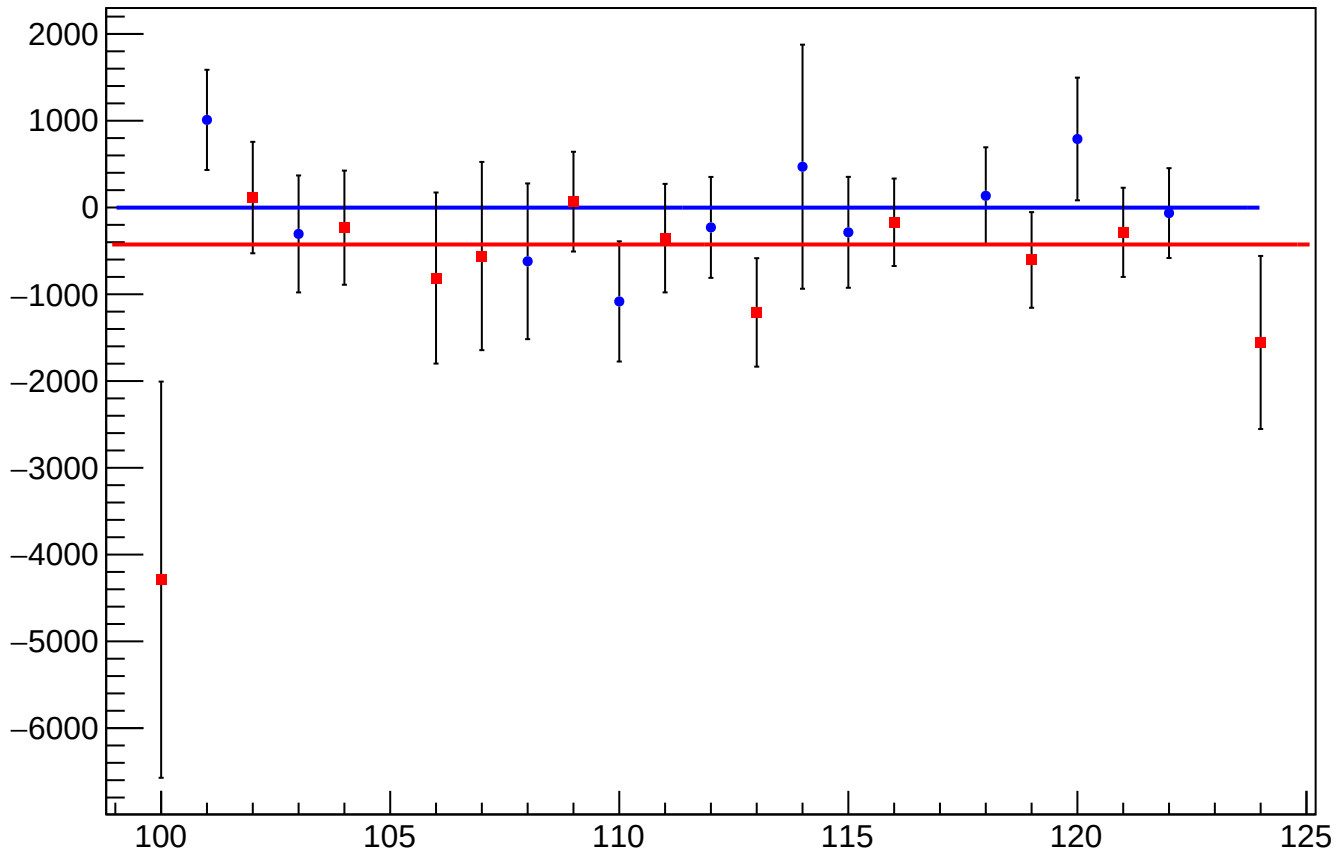
Right: 30.030+/-0.007 χ^2/NDF : 899675.8/21

In: 29.669+/-0.011 χ^2/NDF :431397.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.030+/-0.007 χ^2/NDF : 899675.8/21

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1.557+/-206.855 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -426.295+/-192.564 χ^2/NDF : 7.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

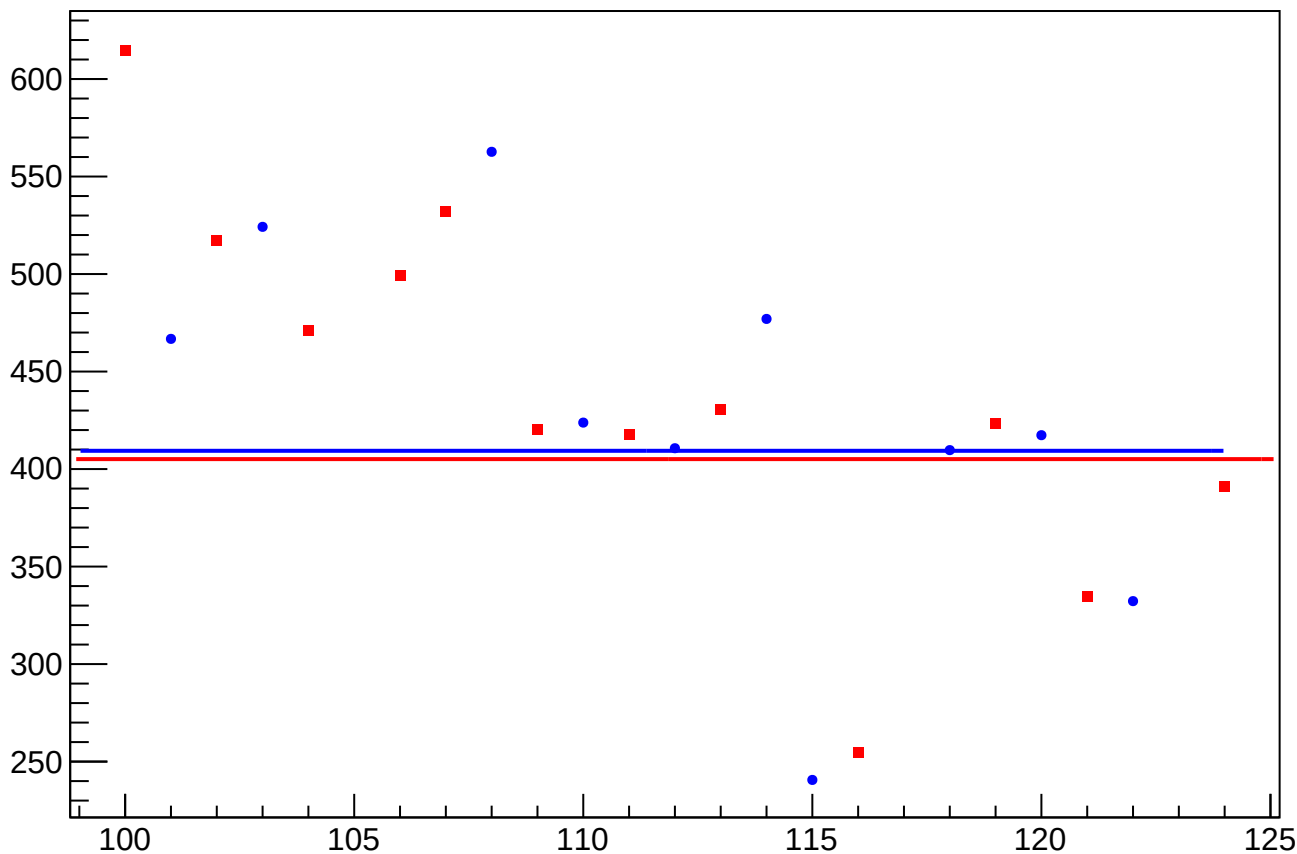
Right: -229.105+/-140.945 χ^2/NDF : 18.1/21

In: -1.557+/-206.855 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.105+/-140.945 χ^2/NDF : 18.1/21

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 409.367 $\pm$ 0.146 χ^2 /NDF: 325751.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 405.103 $\pm$ 0.136 χ^2 /NDF: 366843.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

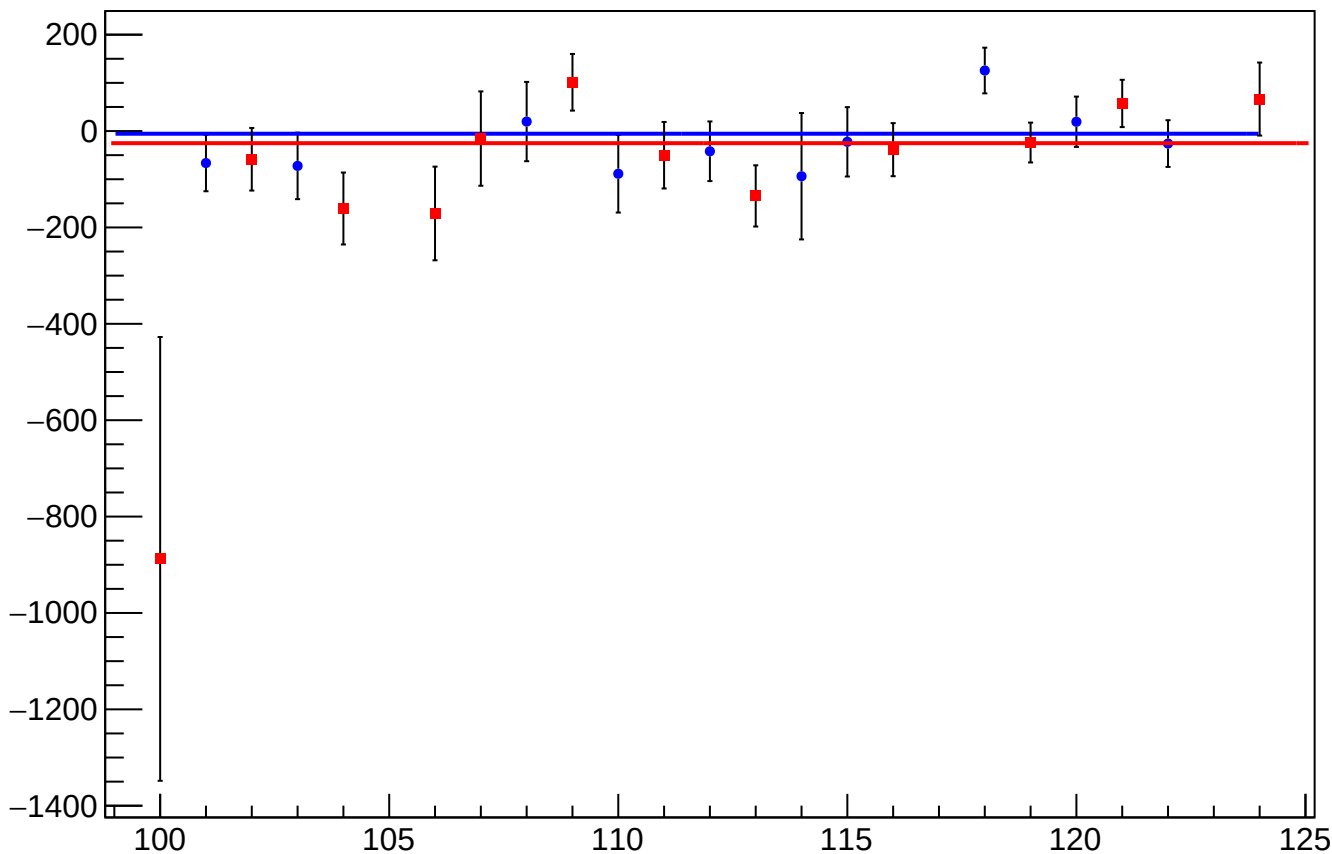
Right: 407.082 $\pm$ 0.100 χ^2 /NDF: 693050.6/21

In: 409.367 $\pm$ 0.146 χ^2 /NDF:325751.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 407.082 $\pm$ 0.100 χ^2 /NDF: 693050.6/21

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.529 ± 19.789 χ^2/NDF : 12.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.153 ± 18.624 χ^2/NDF : 21.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

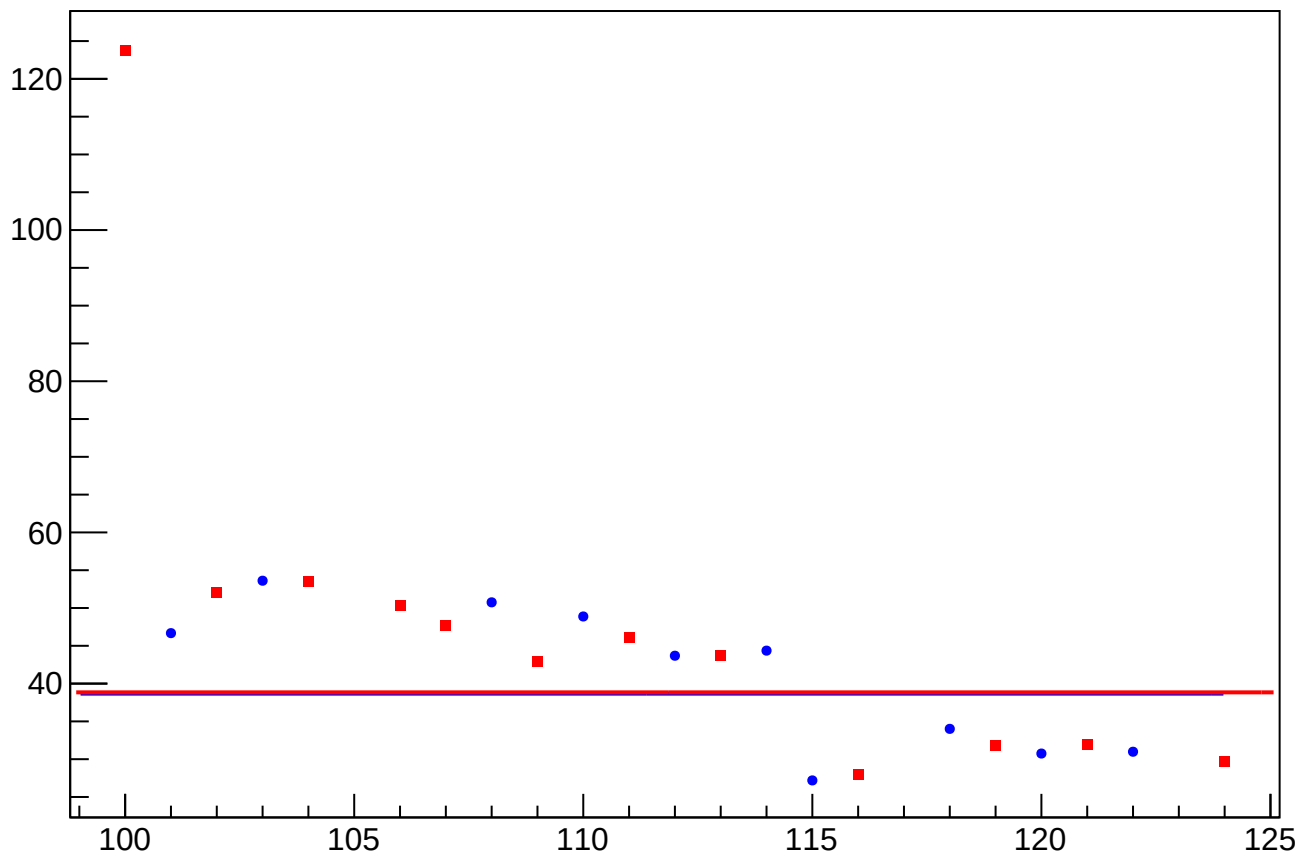
Right: -15.935 ± 13.562 χ^2/NDF : 34.0/21

In: -5.529 ± 19.789 χ^2/NDF : 12.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.935 ± 13.562 χ^2/NDF : 34.0/21

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 38.673+/-0.014 χ^2/NDF : 389874.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.842+/-0.013 χ^2/NDF : 520770.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

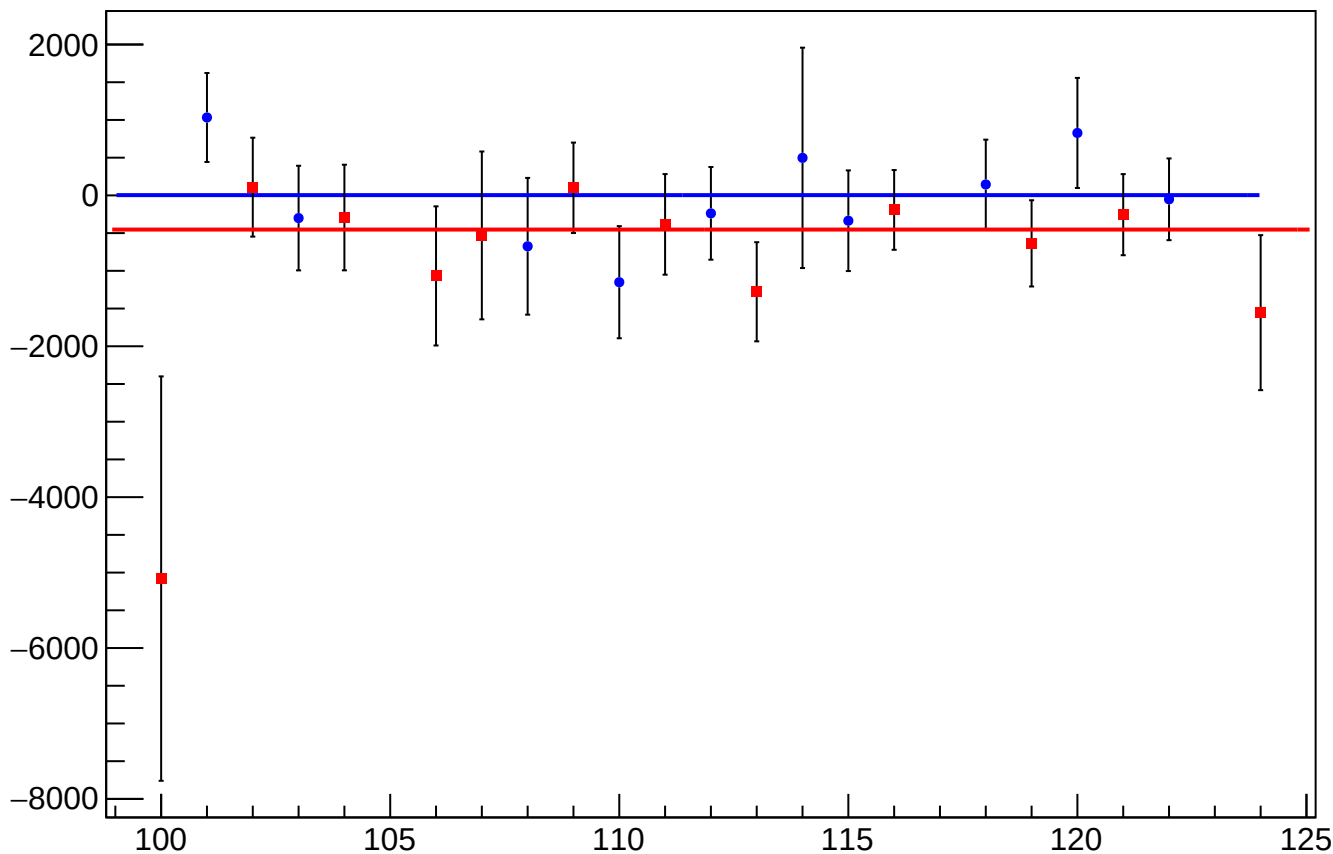
Right: 38.763+/-0.010 χ^2/NDF : 910721.0/21

In: 38.673+/-0.014 χ^2/NDF : 389874.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.763+/-0.010 χ^2/NDF : 910721.0/21

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3.491 ± 215.822 $\chi^2/\text{NDF}: 8.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -452.938 ± 200.456 $\chi^2/\text{NDF}: 8.3/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

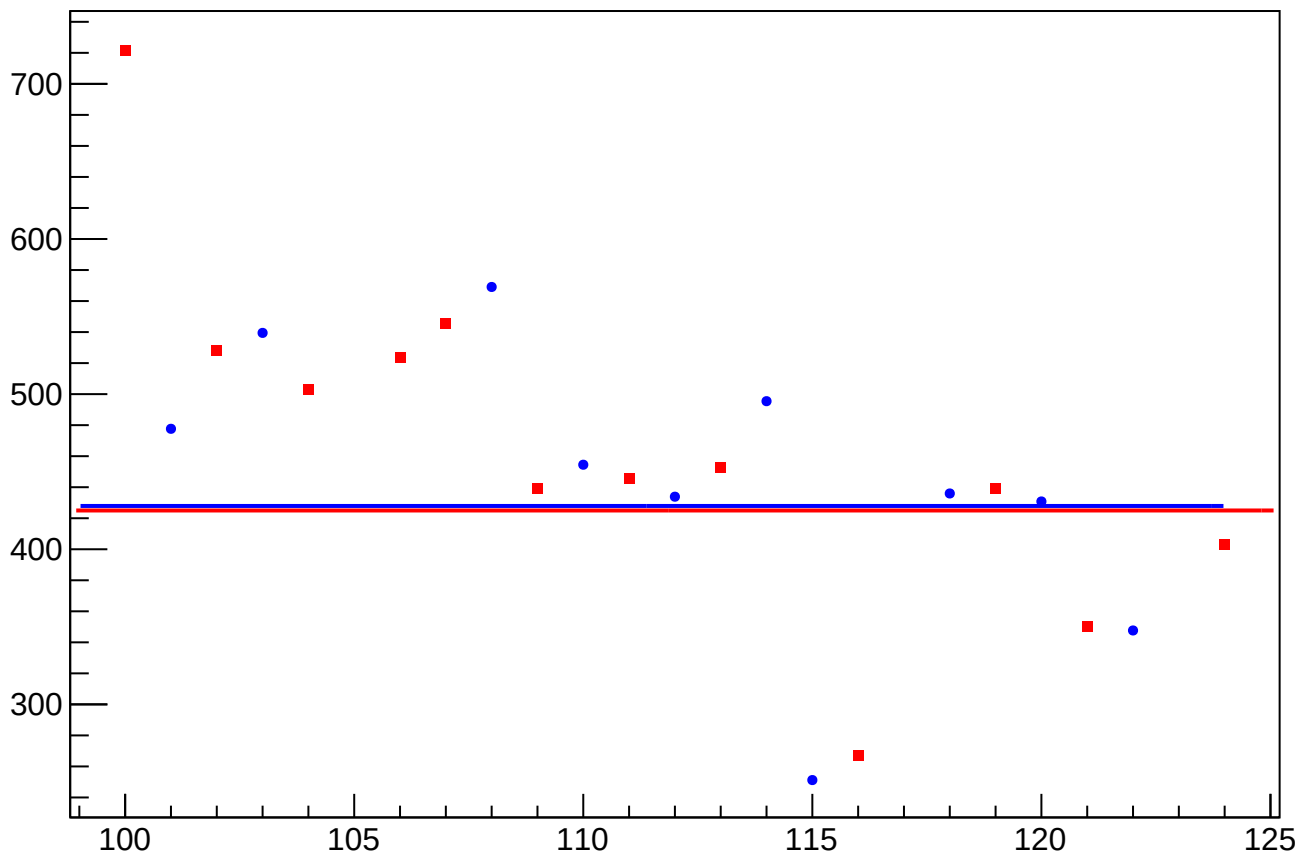
Right: -241.548 ± 146.876 $\chi^2/\text{NDF}: 18.8/21$

In: 3.491 ± 215.822 $\chi^2/\text{NDF}: 8.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -241.548 ± 146.876 $\chi^2/\text{NDF}: 18.8/21$

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.912+/-0.153 χ^2/NDF : 306145.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 424.997+/-0.142 χ^2/NDF : 370593.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

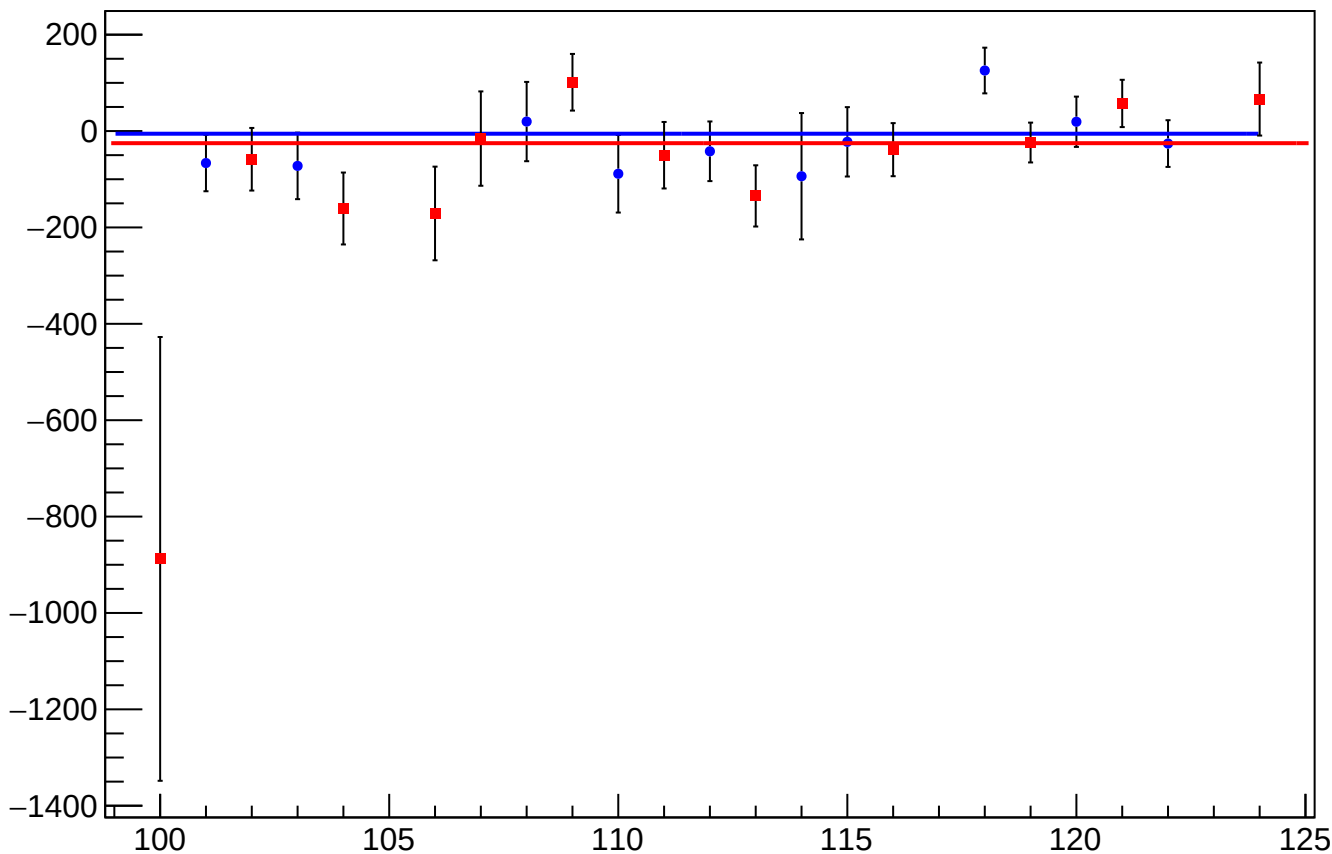
Right: 426.347+/-0.104 χ^2/NDF : 676934.5/21

In: 427.912+/-0.153 χ^2/NDF : 306145.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.347+/-0.104 χ^2/NDF : 676934.5/21

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.529 ± 19.788 $\chi^2/\text{NDF}: 12.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -25.152 ± 18.624 $\chi^2/\text{NDF}: 21.4/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

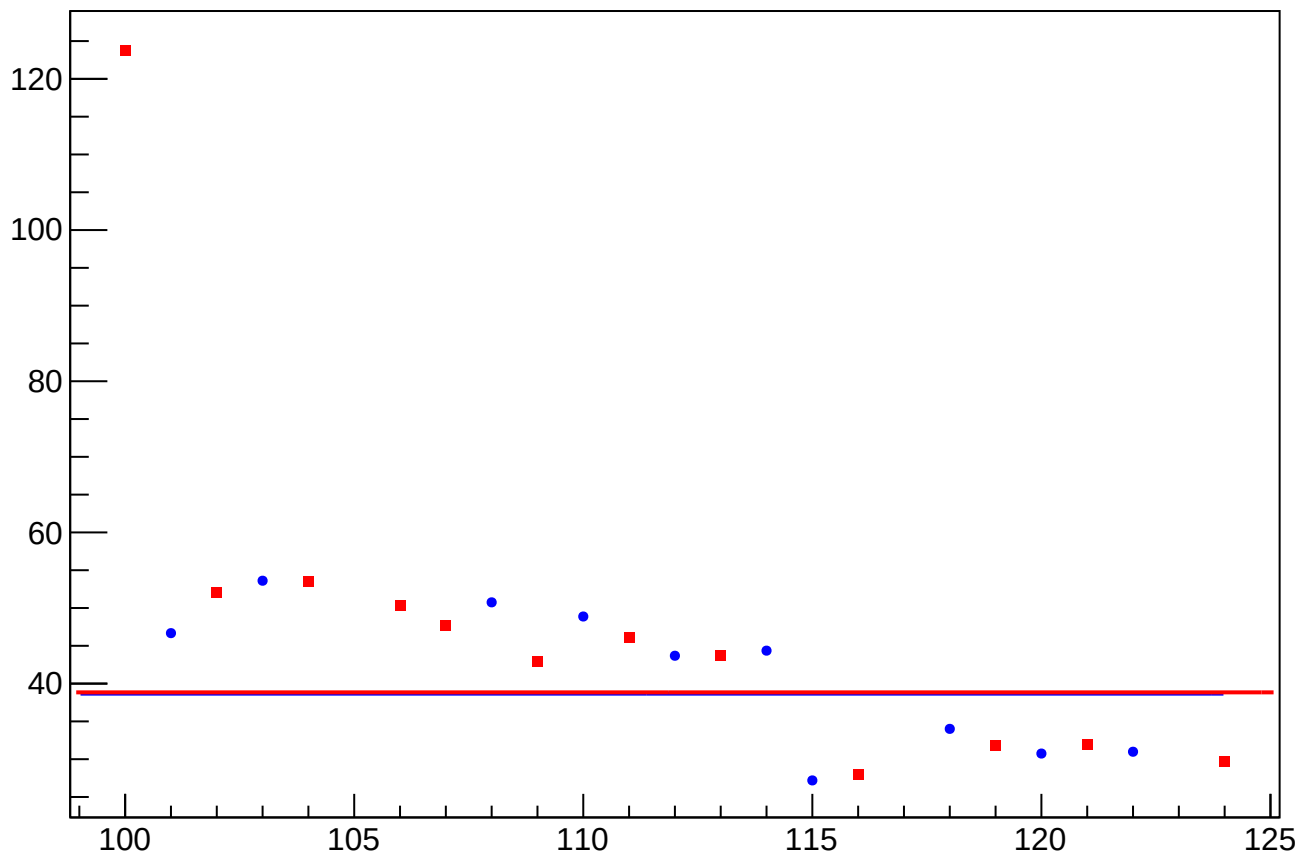
Right: -15.935 ± 13.562 $\chi^2/\text{NDF}: 34.0/21$

In: -5.529 ± 19.788 $\chi^2/\text{NDF}: 12.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -15.935 ± 13.562 $\chi^2/\text{NDF}: 34.0/21$

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 38.673+/-0.014 χ^2/NDF : 389859.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.841+/-0.013 χ^2/NDF : 520748.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

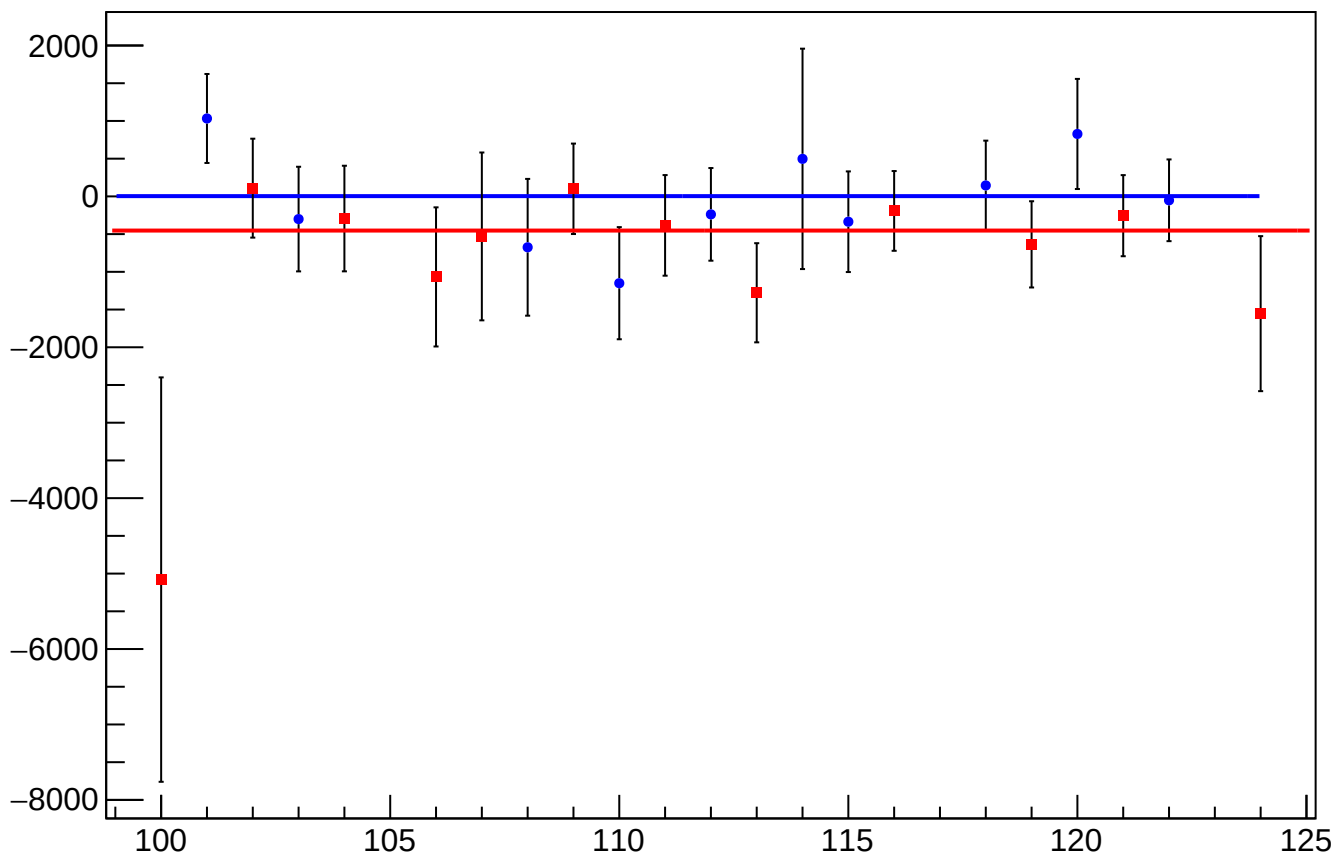
Right: 38.762+/-0.010 χ^2/NDF : 910684.4/21

In: 38.673+/-0.014 χ^2/NDF : 389859.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.762+/-0.010 χ^2/NDF : 910684.4/21

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3.490+/-215.821 χ^2/NDF : 8.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -452.937+/-200.456 χ^2/NDF : 8.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

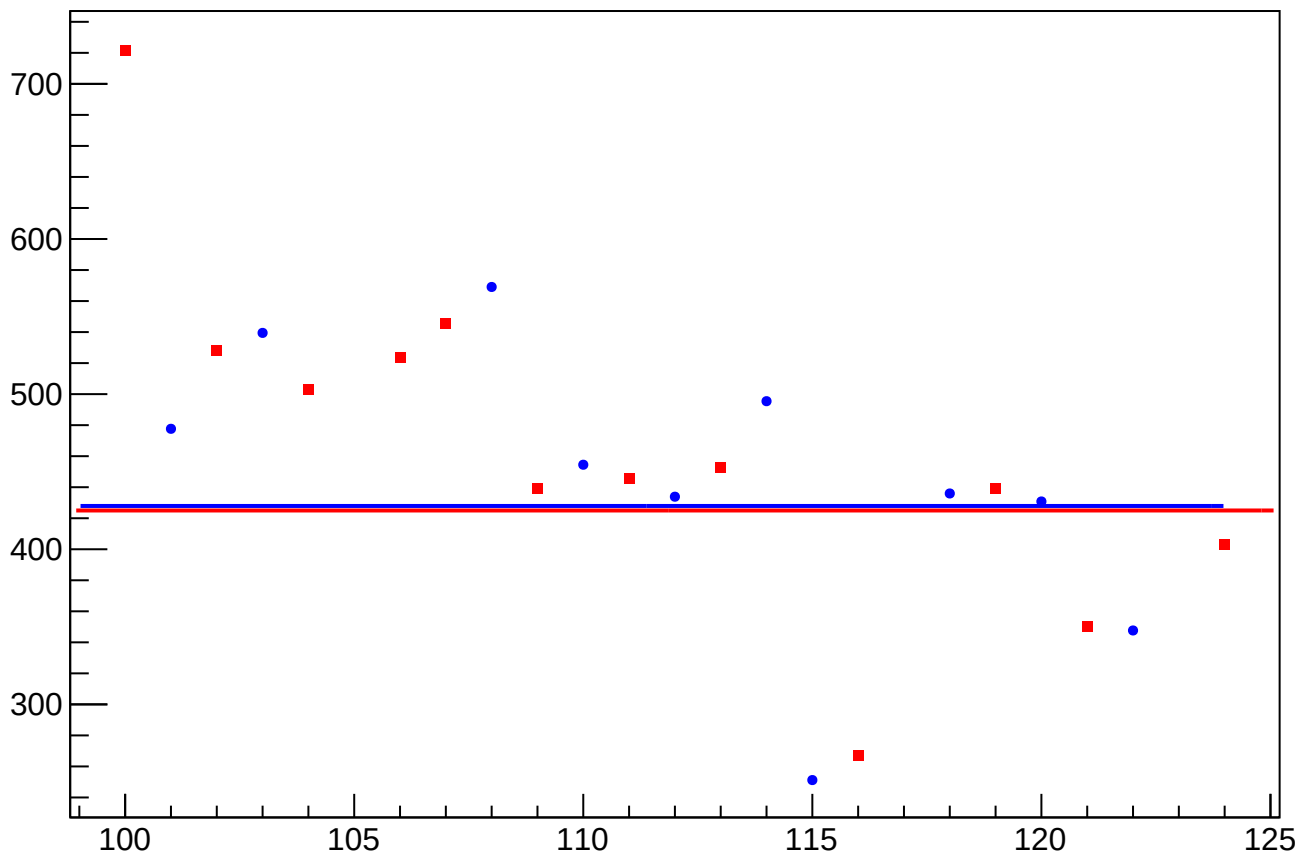
Right: -241.549+/-146.876 χ^2/NDF : 18.8/21

In: 3.490+/-215.821 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.549+/-146.876 χ^2/NDF : 18.8/21

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.911+/-0.153 χ^2/NDF : 306139.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 424.996+/-0.142 χ^2/NDF : 370588.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

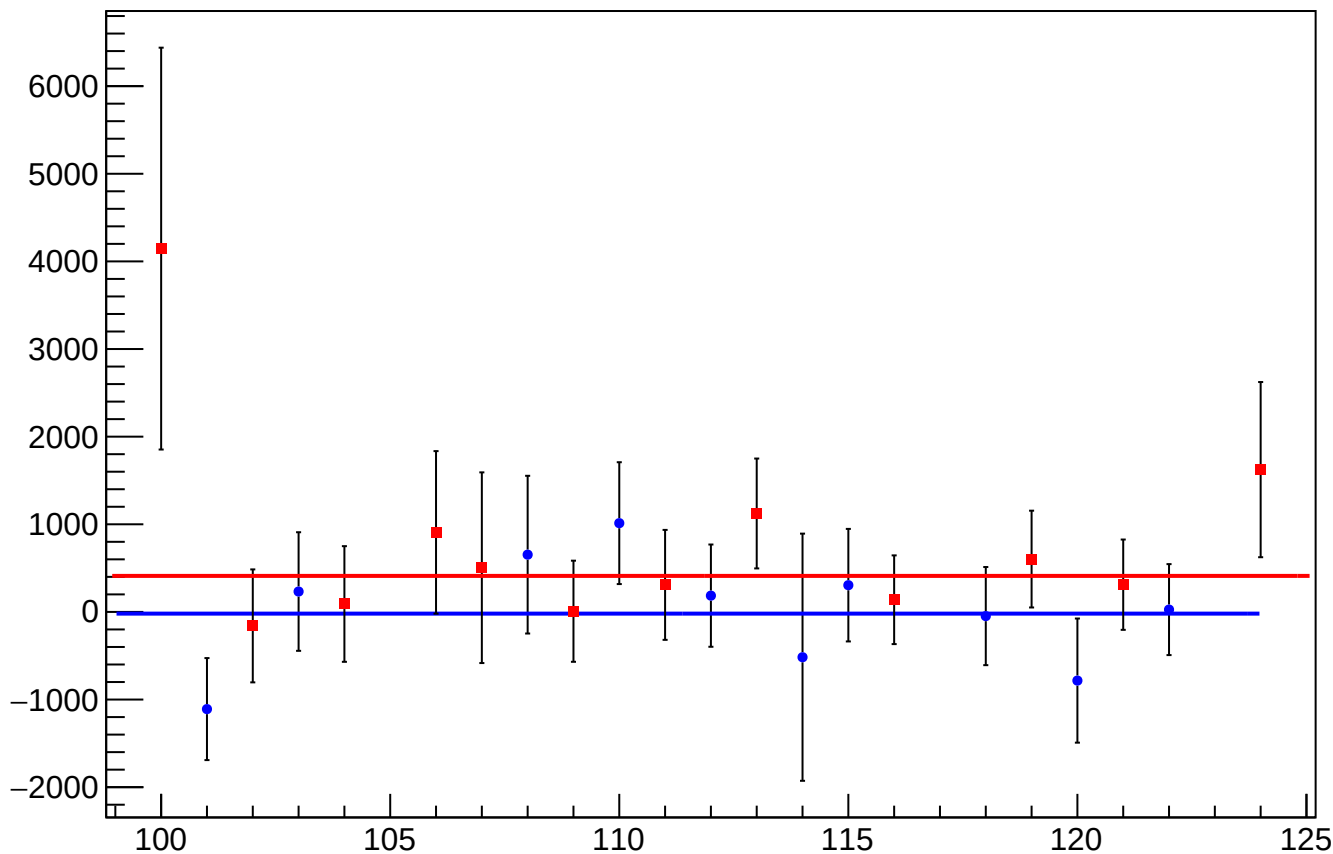
Right: 426.346+/-0.104 χ^2/NDF : 676922.9/21

In: 427.911+/-0.153 χ^2/NDF : 306139.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.346+/-0.104 χ^2/NDF : 676922.9/21

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -19.400 ± 207.617 χ^2/NDF : 8.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 411.100 ± 192.673 χ^2/NDF : 7.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

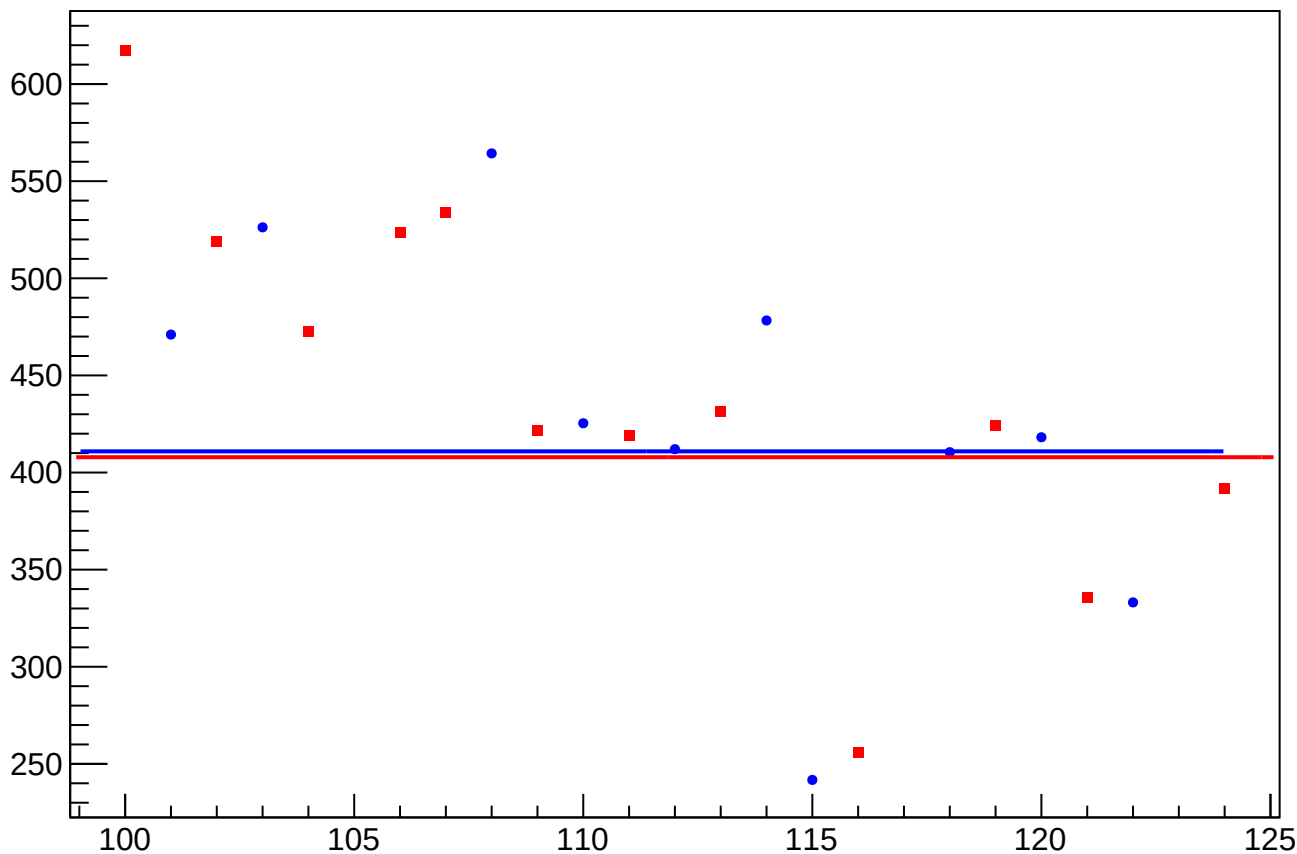
Right: 211.900 ± 141.228 χ^2/NDF : 18.1/21

In: -19.400 ± 207.617 χ^2/NDF : 8.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 211.900 ± 141.228 χ^2/NDF : 18.1/21

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 410.904+/-0.147 χ^2/NDF : 326923.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.887+/-0.136 χ^2/NDF : 379914.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

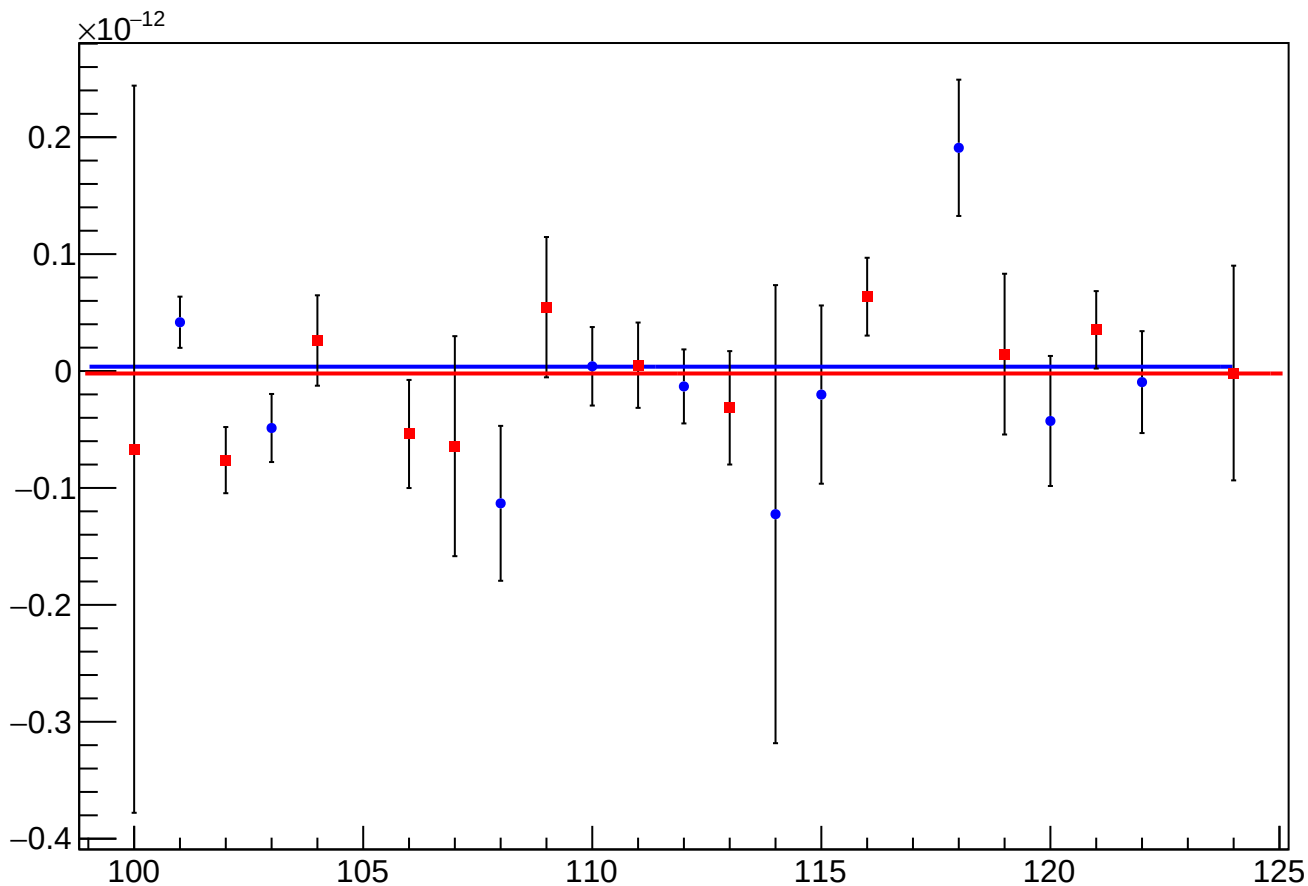
Right: 409.283+/-0.100 χ^2/NDF : 707064.6/21

In: 410.904+/-0.147 χ^2/NDF : 326923.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.283+/-0.100 χ^2/NDF : 707064.6/21

asym_sam_1357_2468_dd_reg_vs_slug_sign_corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

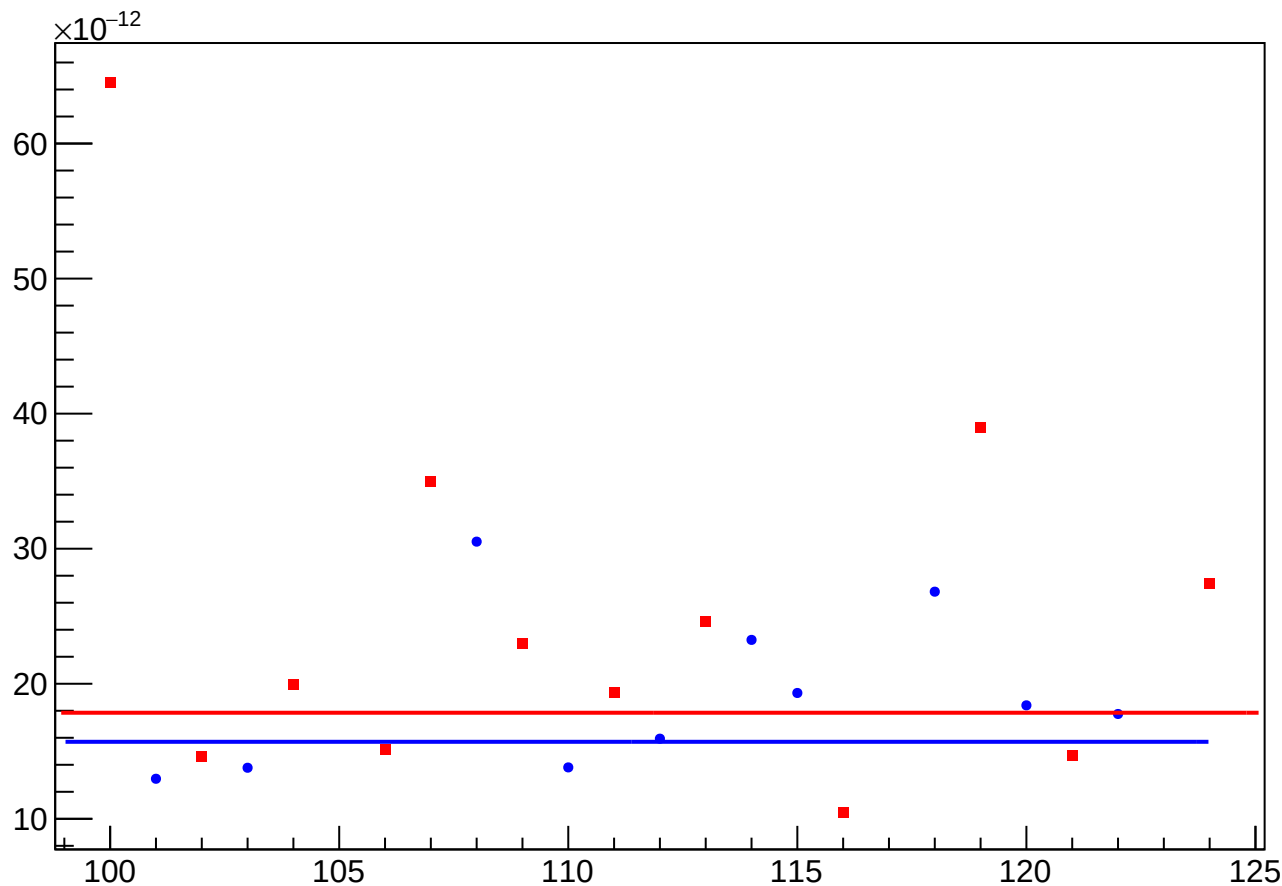
Right: 0.000+/-0.000 χ^2/NDF : 37.0/21

In: 0.000+/-0.000 χ^2/NDF : 21.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.0/21

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 235923.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 533648.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

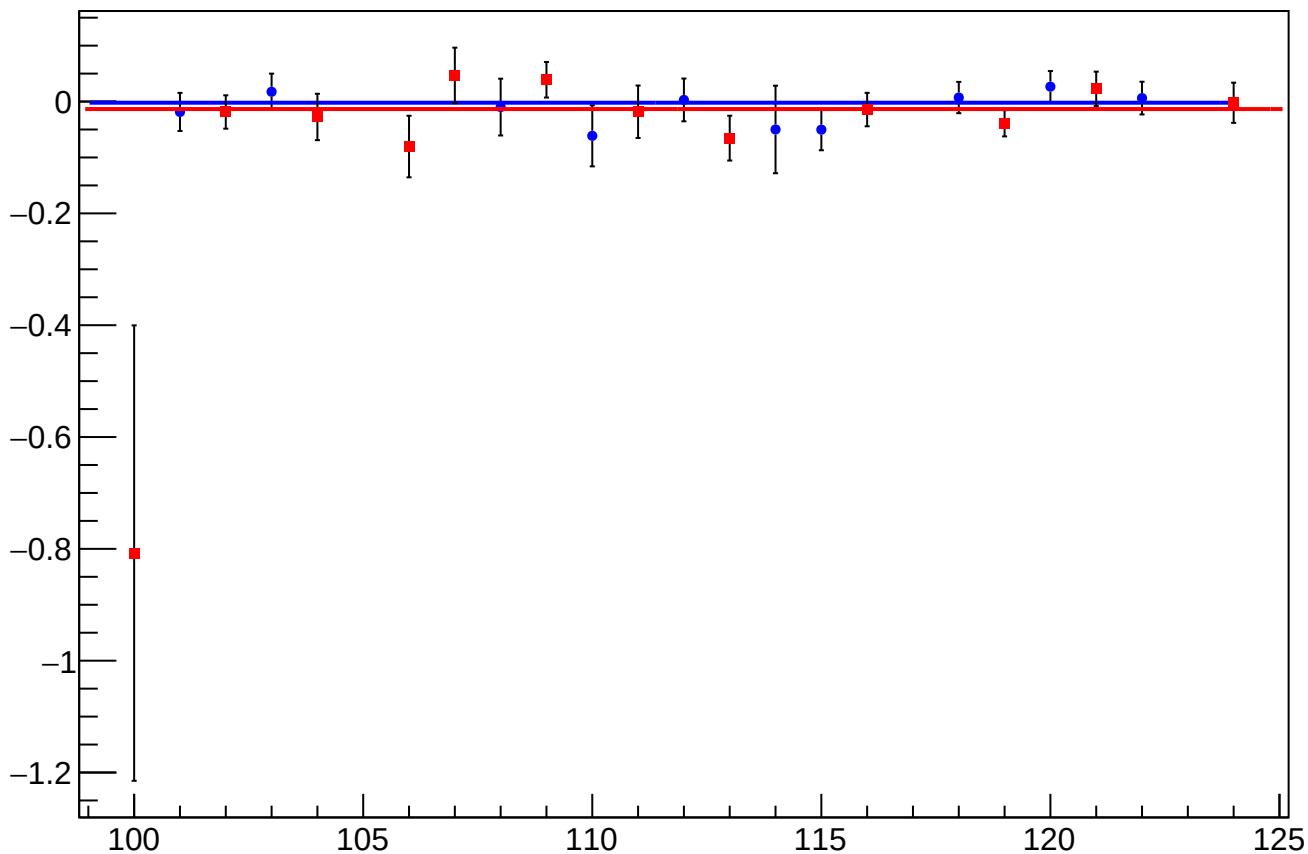
Right: 0.000+/-0.000 χ^2/NDF : 799208.7/21

In: 0.000+/-0.000 χ^2/NDF : 235923.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 799208.7/21

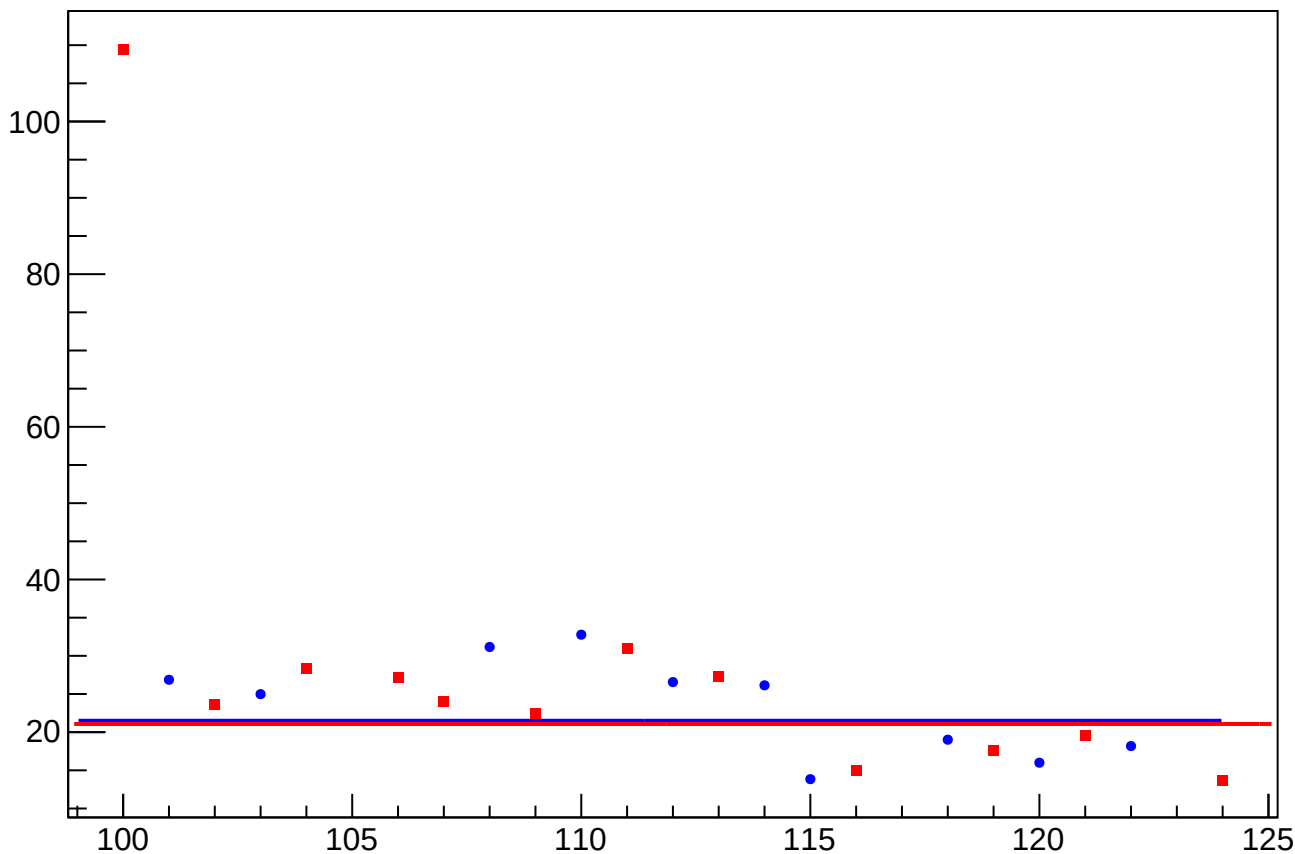
asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.011 χ^2 /NDF: 5.1/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.013 $\pm$ 0.010 χ^2 /NDF: 14.0/11
 Left In: 0.000 $\pm$ 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: 19.6/21
 In: -0.002 $\pm$ 0.011 χ^2 /NDF:5.1/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.008 $\pm$ 0.008 χ^2 /NDF: 19.6/21

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.491+/-0.008 χ^2/NDF : 477571.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.076+/-0.007 χ^2/NDF : 561216.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

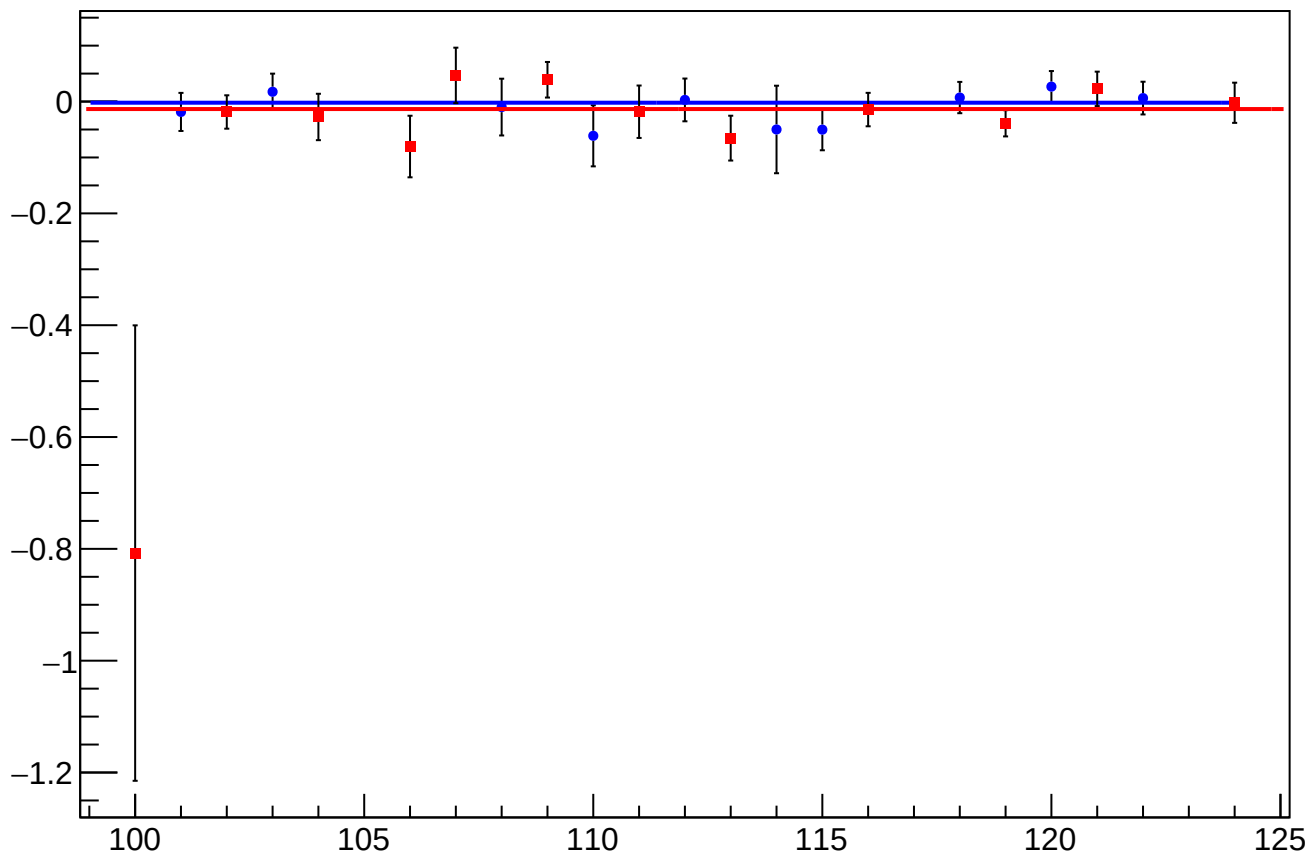
Right: 21.266+/-0.005 χ^2/NDF : 1040254.7/21

In: 21.491+/-0.008 χ^2/NDF : 477571.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.266+/-0.005 χ^2/NDF : 1040254.7/21

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.011 $\chi^2/\text{NDF}: 5.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.013 ± 0.010 $\chi^2/\text{NDF}: 14.0/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

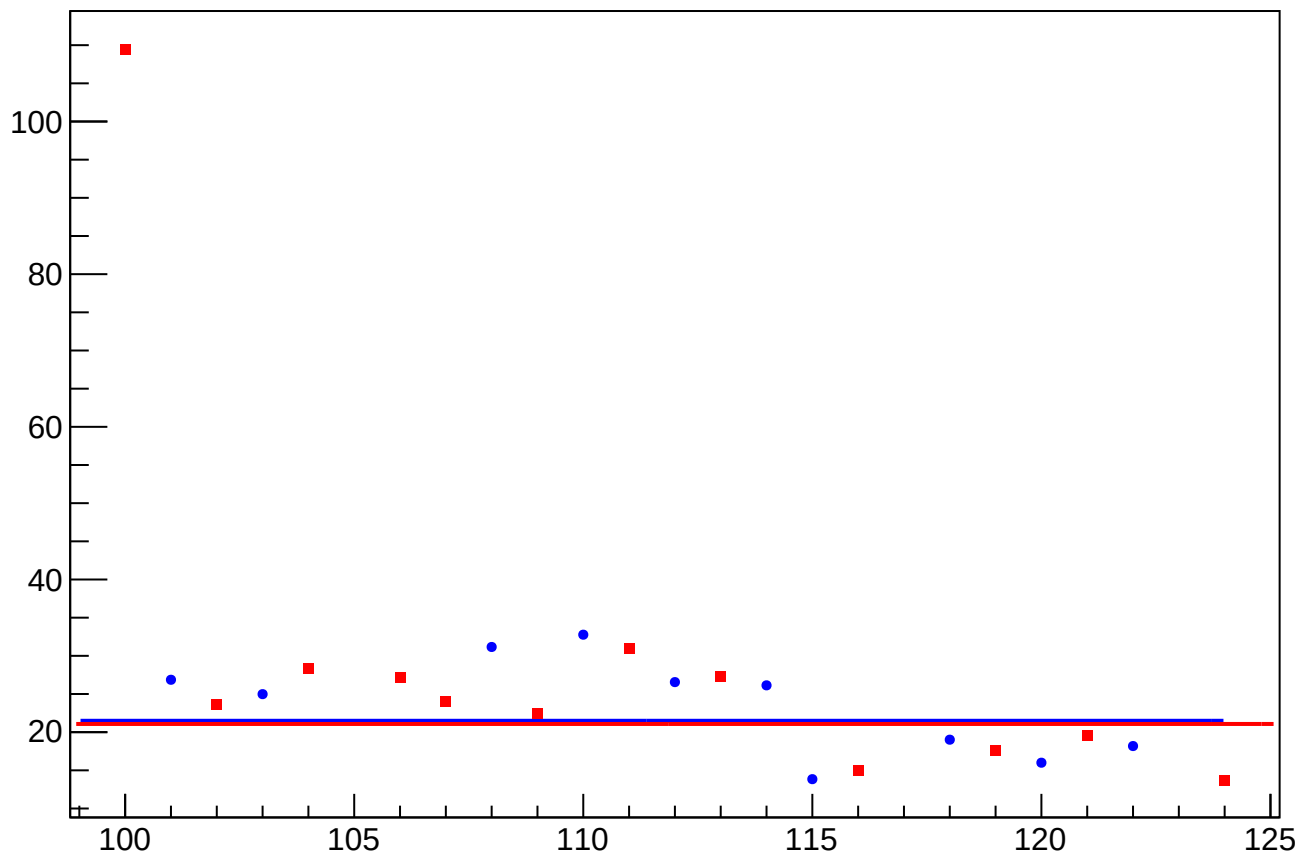
Right: -0.008 ± 0.008 $\chi^2/\text{NDF}: 19.6/21$

In: -0.002 ± 0.011 $\chi^2/\text{NDF}: 5.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.008 ± 0.008 $\chi^2/\text{NDF}: 19.6/21$

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.491+/-0.008 χ^2 /NDF: 477571.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 21.076+/-0.007 χ^2 /NDF: 561216.4/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

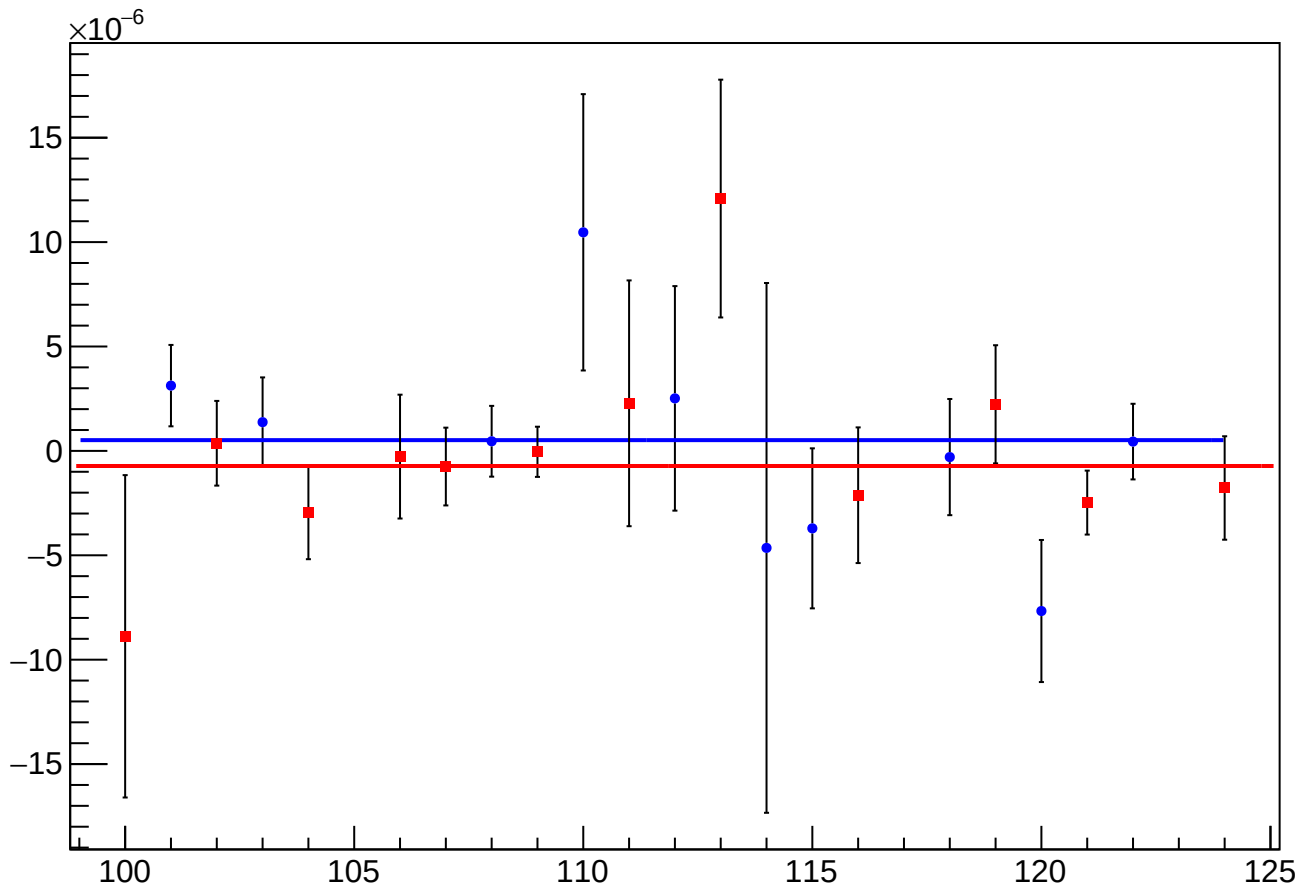
Right: 21.266+/-0.005 χ^2 /NDF: 1040254.7/21

In: 21.491+/-0.008 χ^2 /NDF:477571.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 21.266+/-0.005 χ^2 /NDF: 1040254.7/21

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 11.6/9

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 10.8/11

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

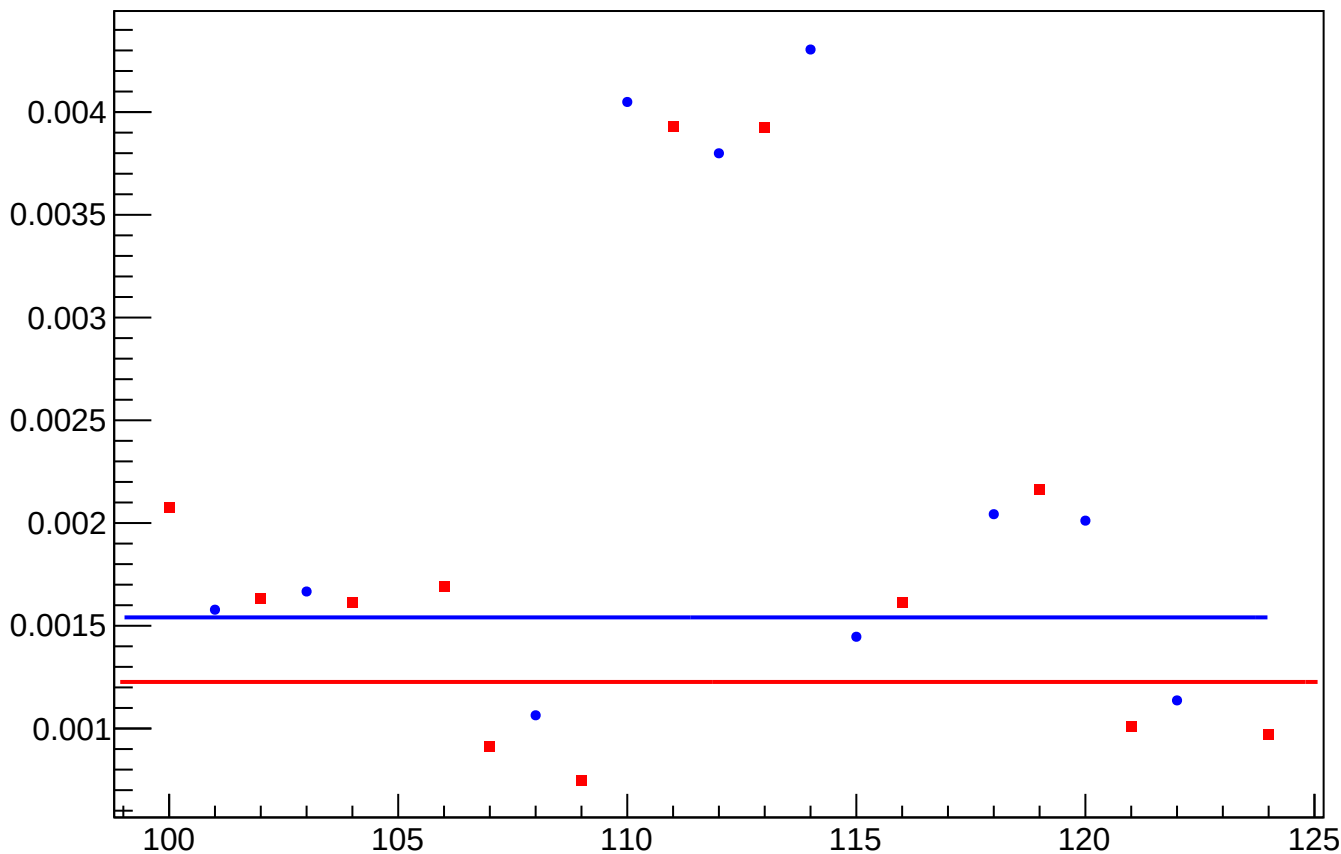
Right: -0.000 +/- 0.000 χ^2/NDF : 23.8/21

In: 0.000 +/- 0.000 χ^2/NDF : 11.6/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 23.8/21

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1105023.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1768033.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

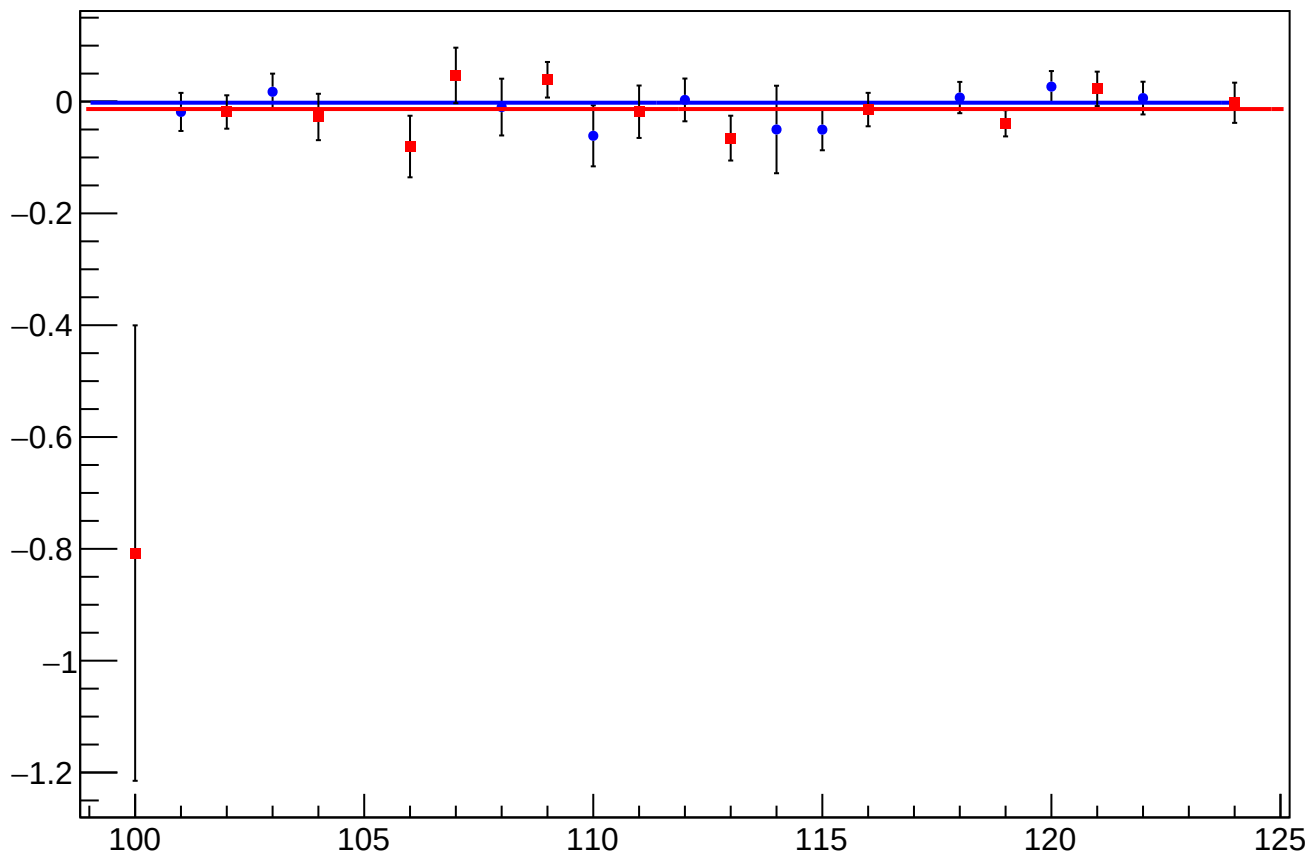
Right: 0.001+/-0.000 χ^2/NDF : 3054511.2/21

In: 0.002+/-0.000 χ^2/NDF : 1105023.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3054511.2/21

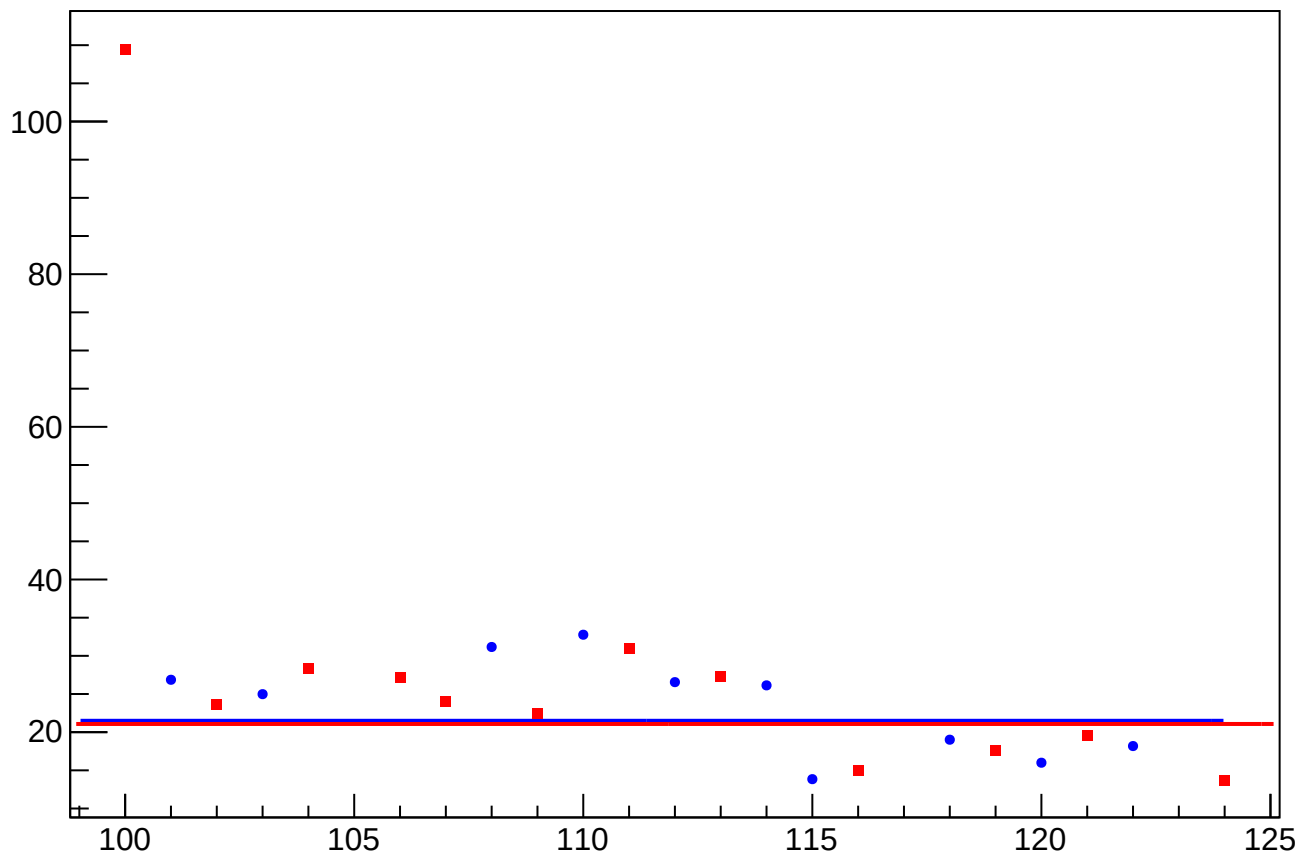
asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.011 χ^2 /NDF: 5.1/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.013 $\pm$ 0.010 χ^2 /NDF: 14.0/11
 Left In: 0.000 $\pm$ 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: 19.6/21
 In: -0.002 $\pm$ 0.011 χ^2 /NDF:5.1/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.008 $\pm$ 0.008 χ^2 /NDF: 19.6/21

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.490+/-0.008 χ^2/NDF : 477523.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.075+/-0.007 χ^2/NDF : 561129.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

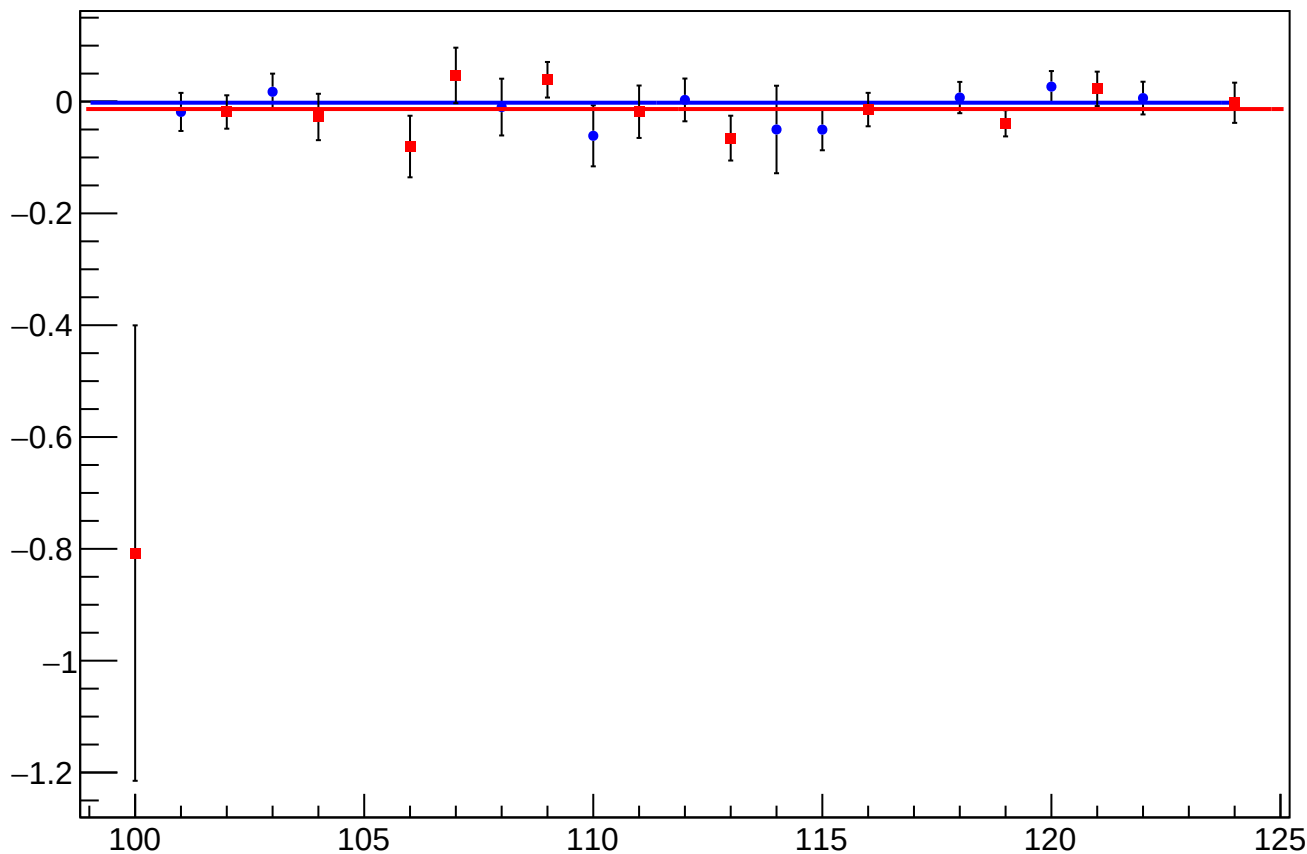
Right: 21.265+/-0.005 χ^2/NDF : 1040119.4/21

In: 21.490+/-0.008 χ^2/NDF : 477523.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.265+/-0.005 χ^2/NDF : 1040119.4/21

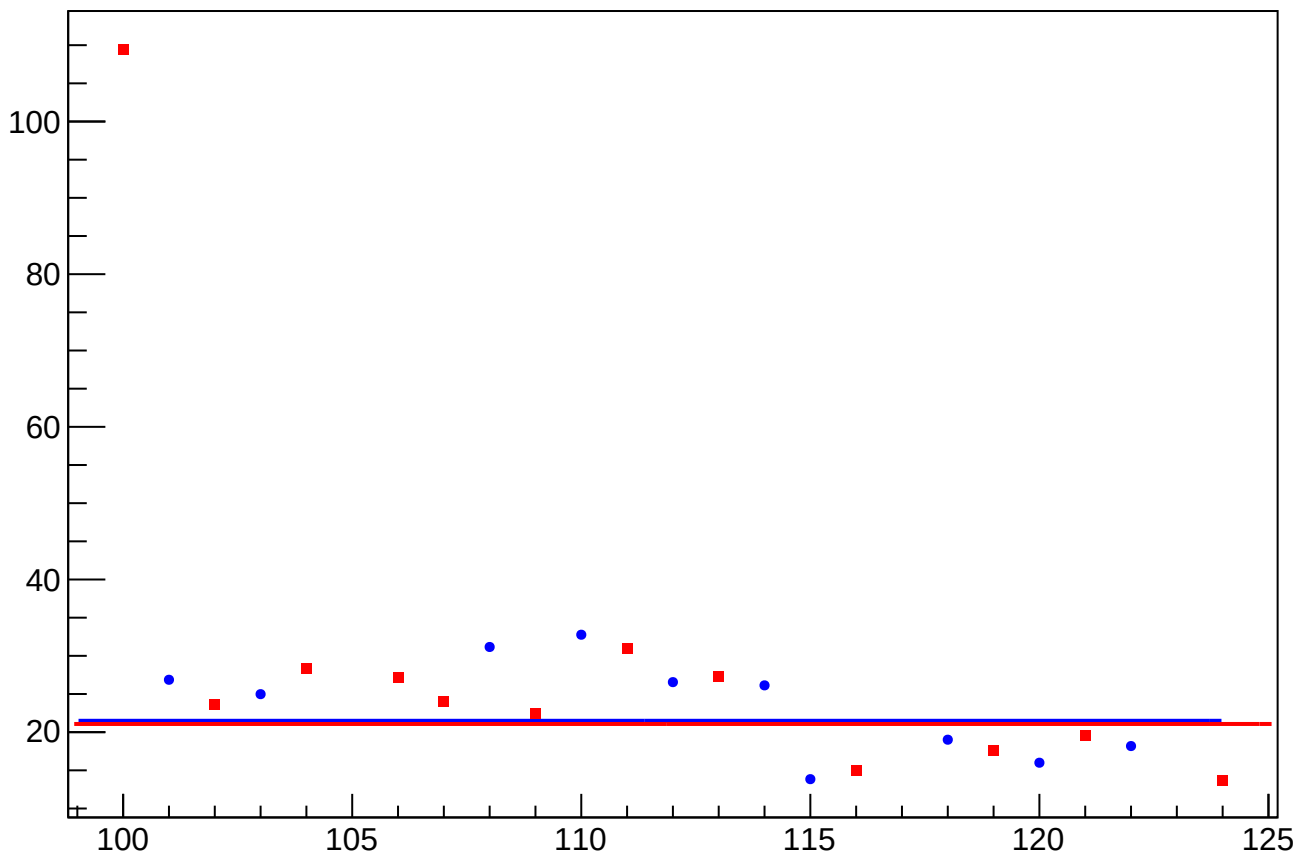
asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.011 χ^2 /NDF: 5.1/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.013 $\pm$ 0.010 χ^2 /NDF: 14.0/11
 Left In: 0.000 $\pm$ 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: 19.6/21
 In: -0.002 $\pm$ 0.011 χ^2 /NDF:5.1/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.008 $\pm$ 0.008 χ^2 /NDF: 19.6/21

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.490+/-0.008 χ^2/NDF : 477523.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.075+/-0.007 χ^2/NDF : 561129.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

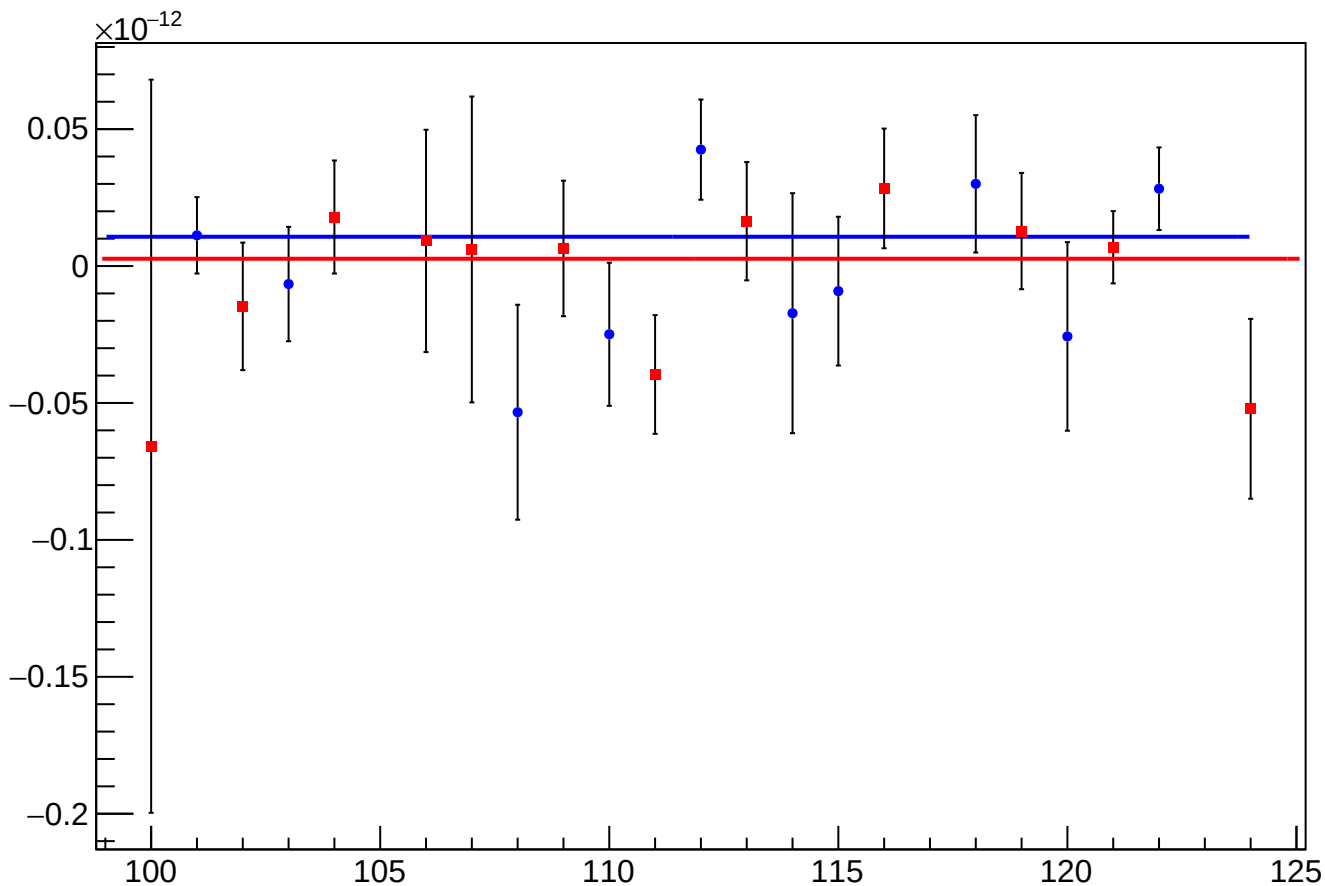
Right: 21.265+/-0.005 χ^2/NDF : 1040119.4/21

In: 21.490+/-0.008 χ^2/NDF : 477523.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.265+/-0.005 χ^2/NDF : 1040119.4/21

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

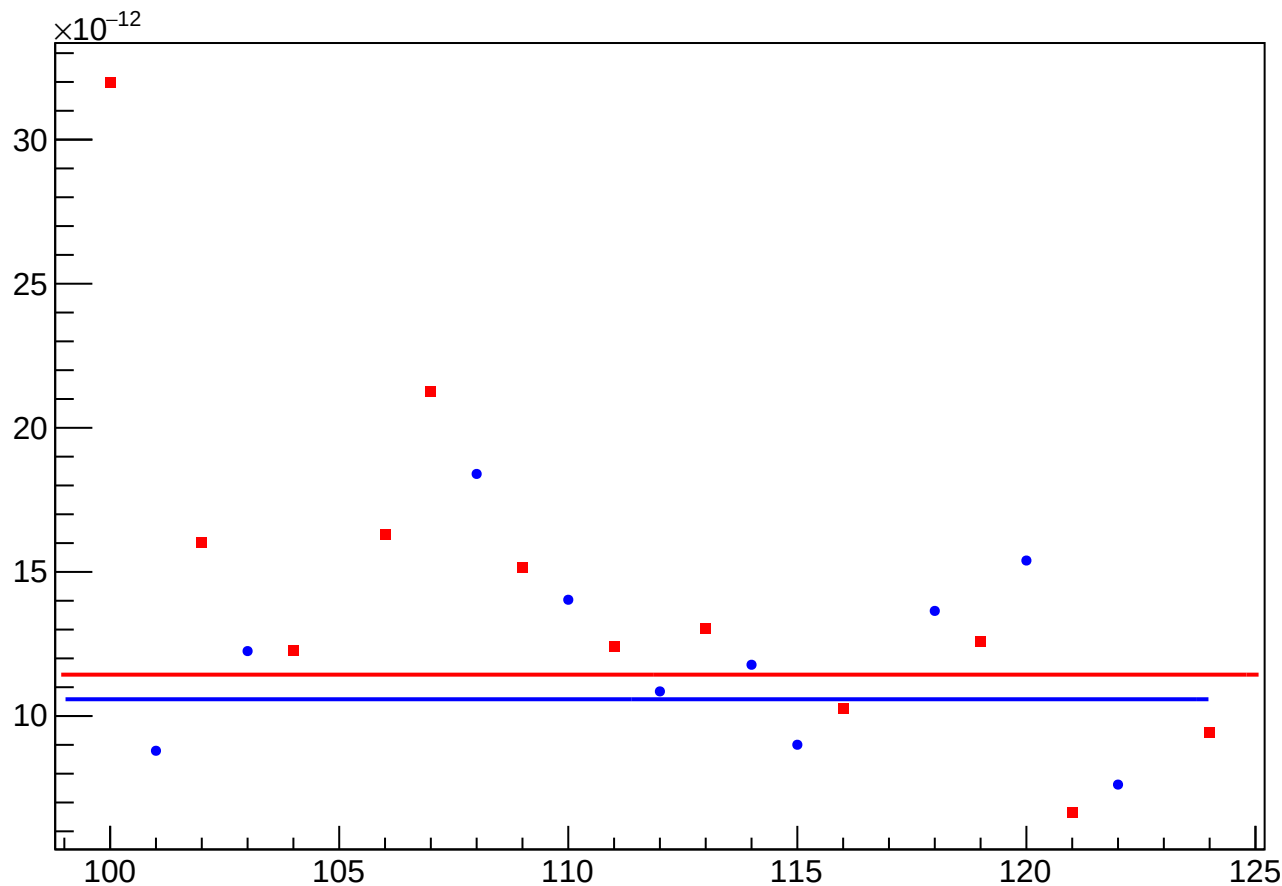
Right: 0.000+/-0.000 χ^2/NDF : 23.0/21

In: 0.000+/-0.000 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.0/21

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 314481.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 561126.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

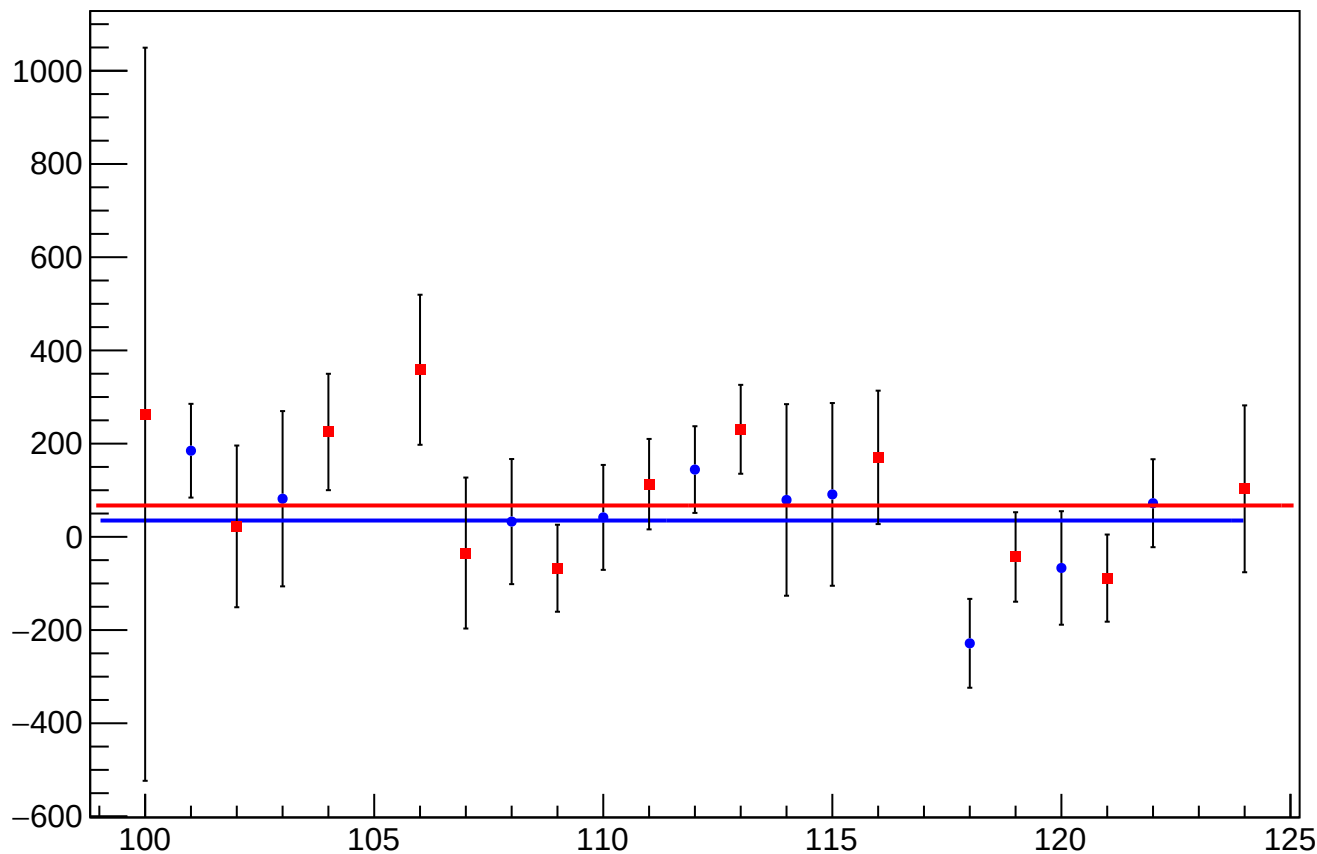
Right: 0.000+/-0.000 χ^2/NDF : 891379.1/21

In: 0.000+/-0.000 χ^2/NDF : 314481.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 891379.1/21

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 35.019+/-37.356 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.297+/-35.148 χ^2/NDF : 15.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

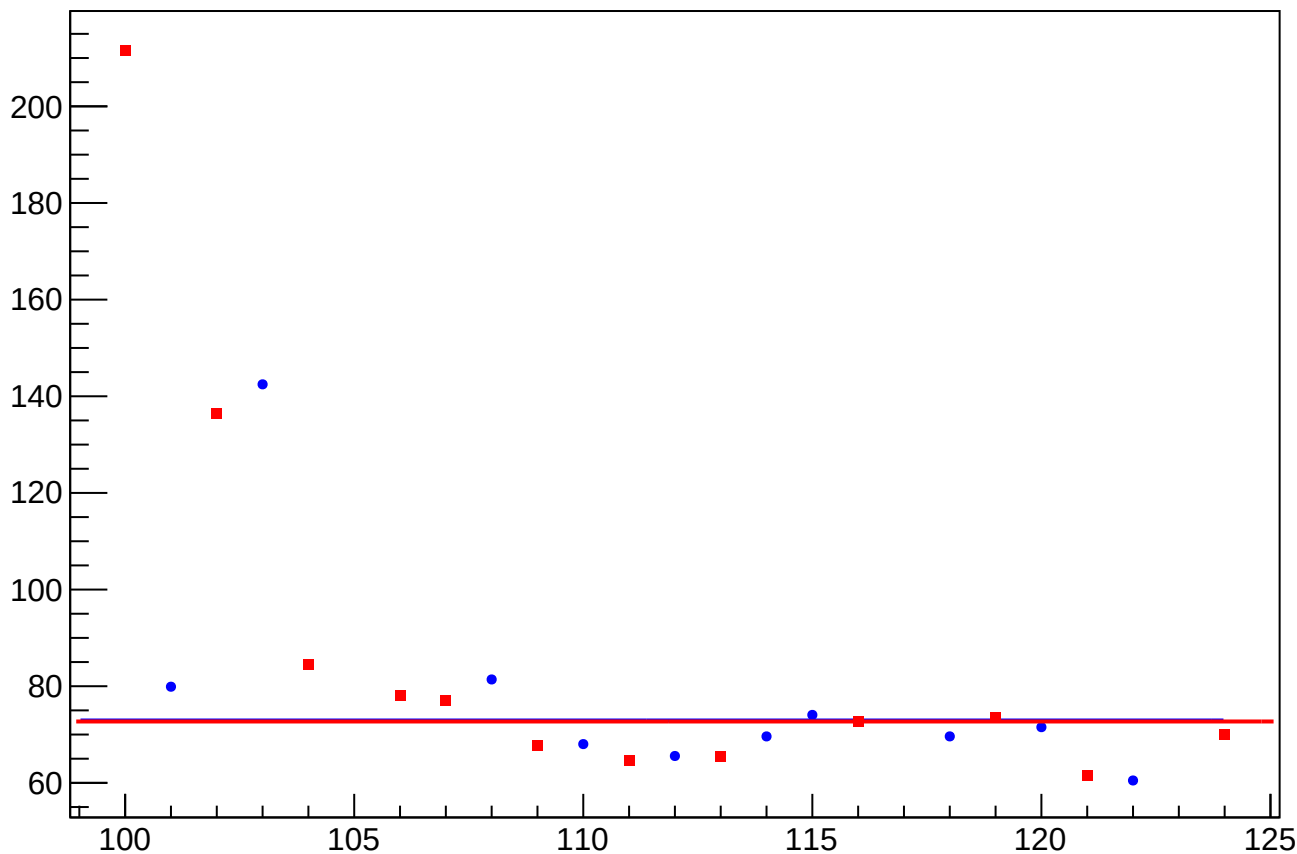
Right: 52.140+/-25.598 χ^2/NDF : 28.0/21

In: 35.019+/-37.356 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.140+/-25.598 χ^2/NDF : 28.0/21

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 72.905+/-0.026 χ^2/NDF : 345445.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.703+/-0.025 χ^2/NDF : 413481.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

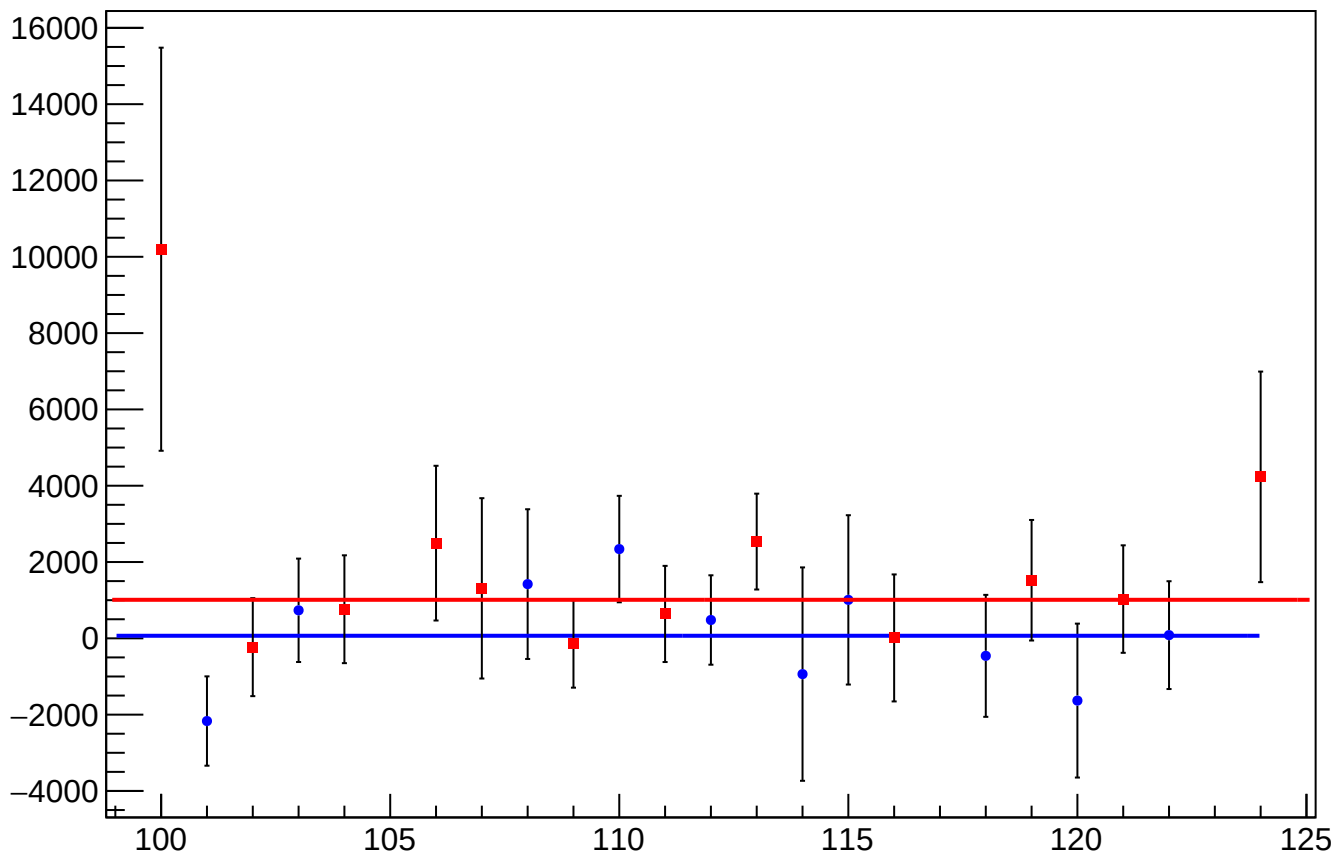
Right: 72.798+/-0.018 χ^2/NDF : 758958.5/21

In: 72.905+/-0.026 χ^2/NDF : 345445.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.798+/-0.018 χ^2/NDF : 758958.5/21

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 67.412+/-485.347 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1009.946+/-447.855 χ^2/NDF : 8.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

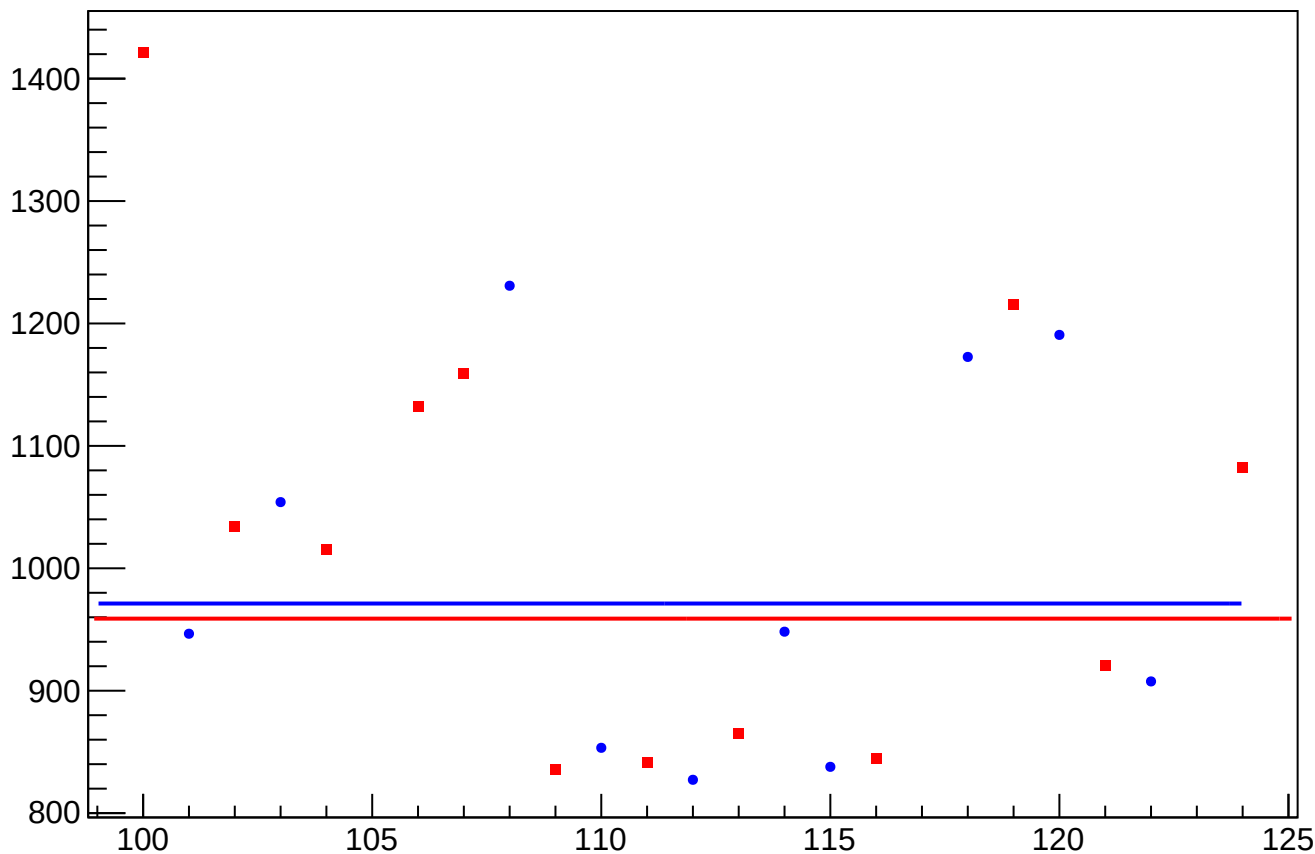
Right: 576.484+/-329.139 χ^2/NDF : 19.3/21

In: 67.412+/-485.347 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.484+/-329.139 χ^2/NDF : 19.3/21

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 971.225+/-0.343 χ^2/NDF : 154704.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.887+/-0.317 χ^2/NDF : 173705.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

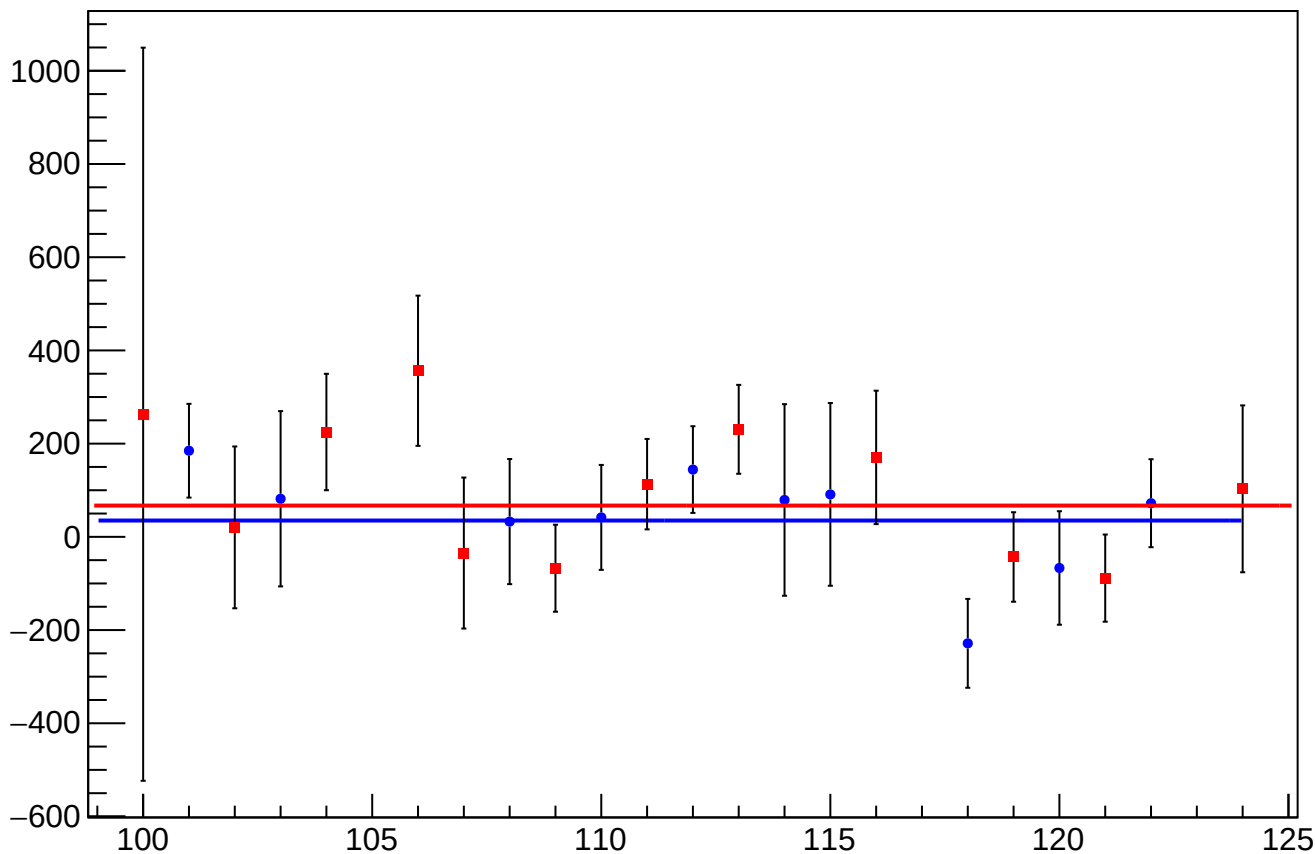
Right: 964.561+/-0.233 χ^2/NDF : 329108.6/21

In: 971.225+/-0.343 χ^2/NDF : 154704.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.561+/-0.233 χ^2/NDF : 329108.6/21

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 35.009+/-37.356 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.076+/-35.150 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

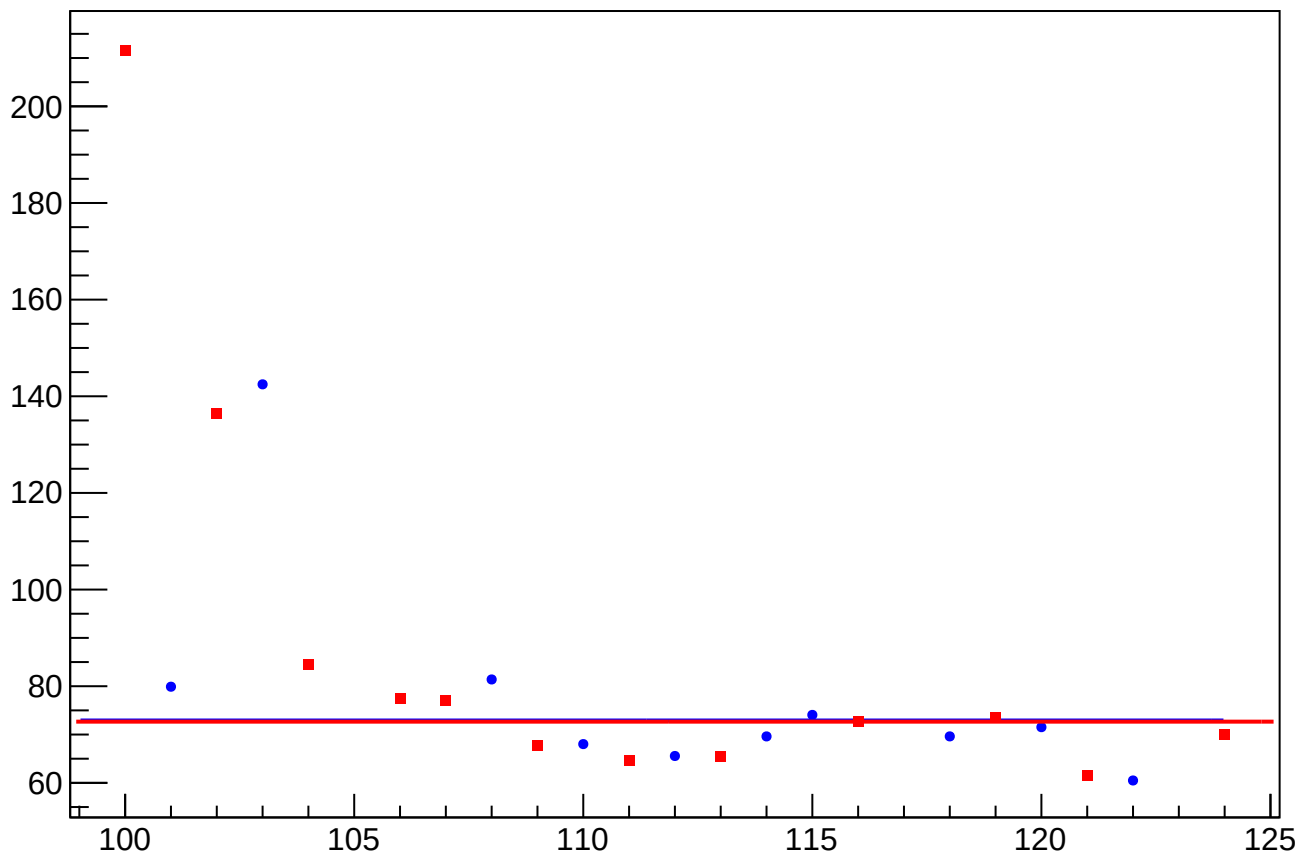
Right: 52.017+/-25.599 χ^2/NDF : 27.9/21

In: 35.009+/-37.356 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.017+/-25.599 χ^2/NDF : 27.9/21

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 72.905+/-0.026 χ^2/NDF : 345448.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.669+/-0.025 χ^2/NDF : 413205.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

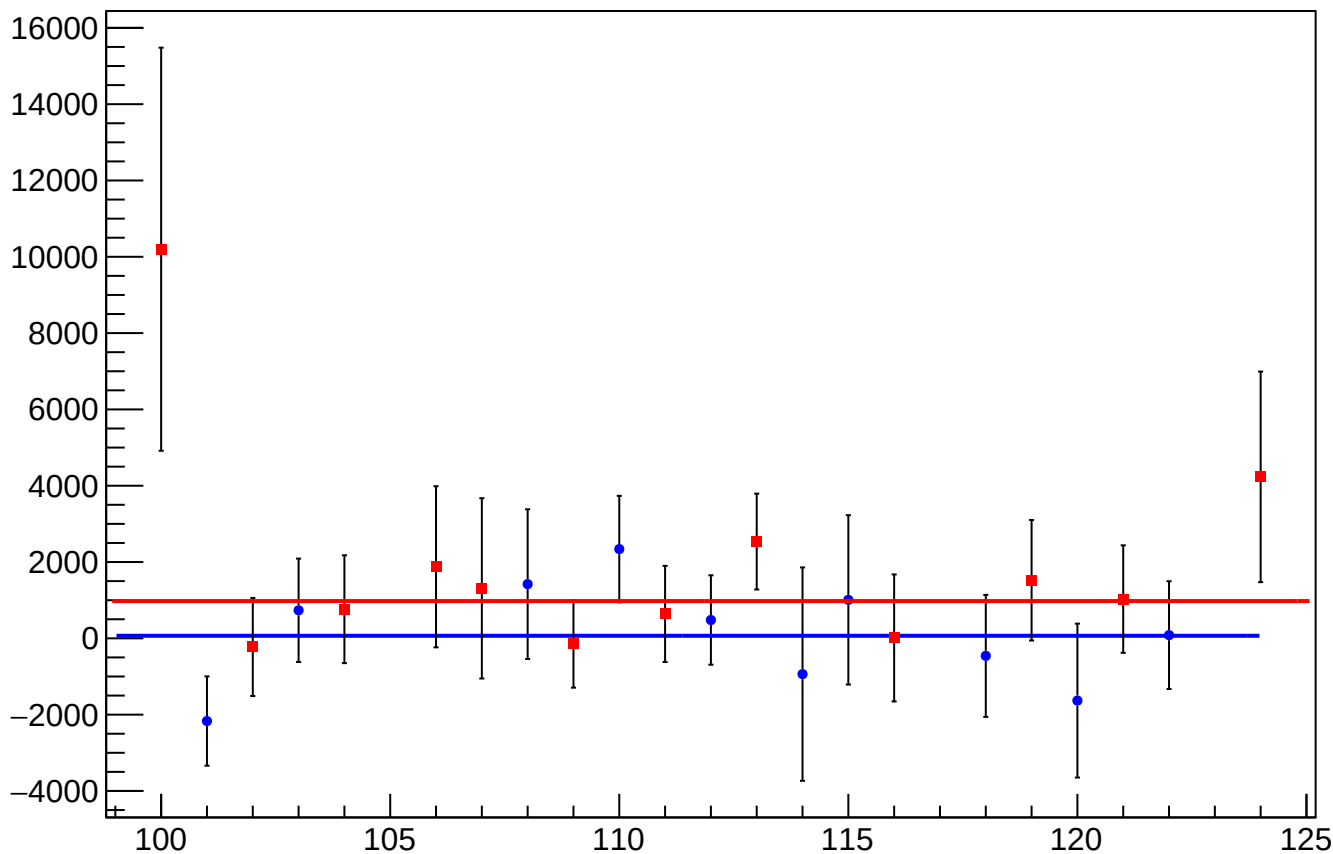
Right: 72.780+/-0.018 χ^2/NDF : 758696.0/21

In: 72.905+/-0.026 χ^2/NDF : 345448.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.780+/-0.018 χ^2/NDF : 758696.0/21

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 67.473+/-485.352 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.155+/-448.746 χ^2/NDF : 8.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

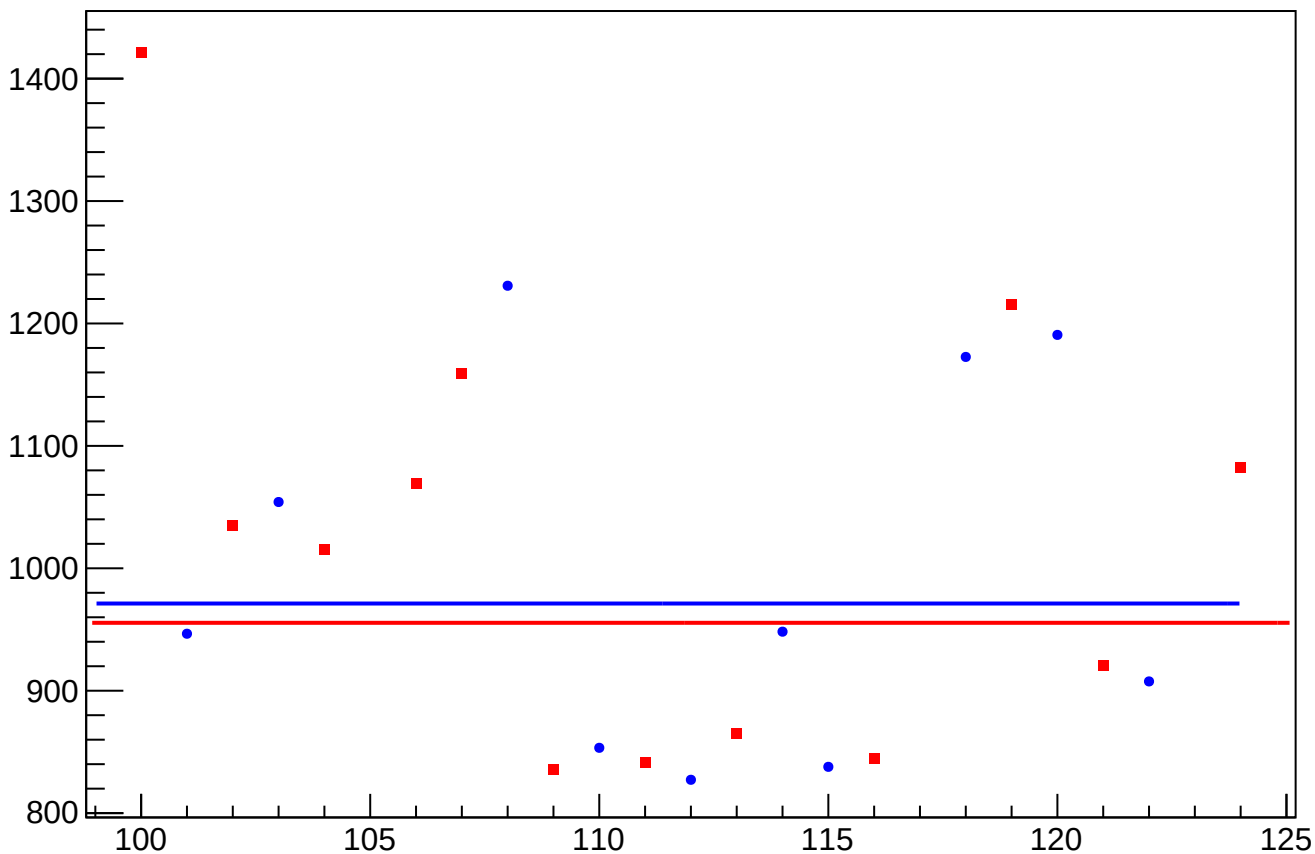
Right: 557.909+/-329.493 χ^2/NDF : 18.7/21

In: 67.473+/-485.352 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.909+/-329.493 χ^2/NDF : 18.7/21

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 971.234+/-0.343 χ^2/NDF : 154718.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.475+/-0.317 χ^2/NDF : 164610.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

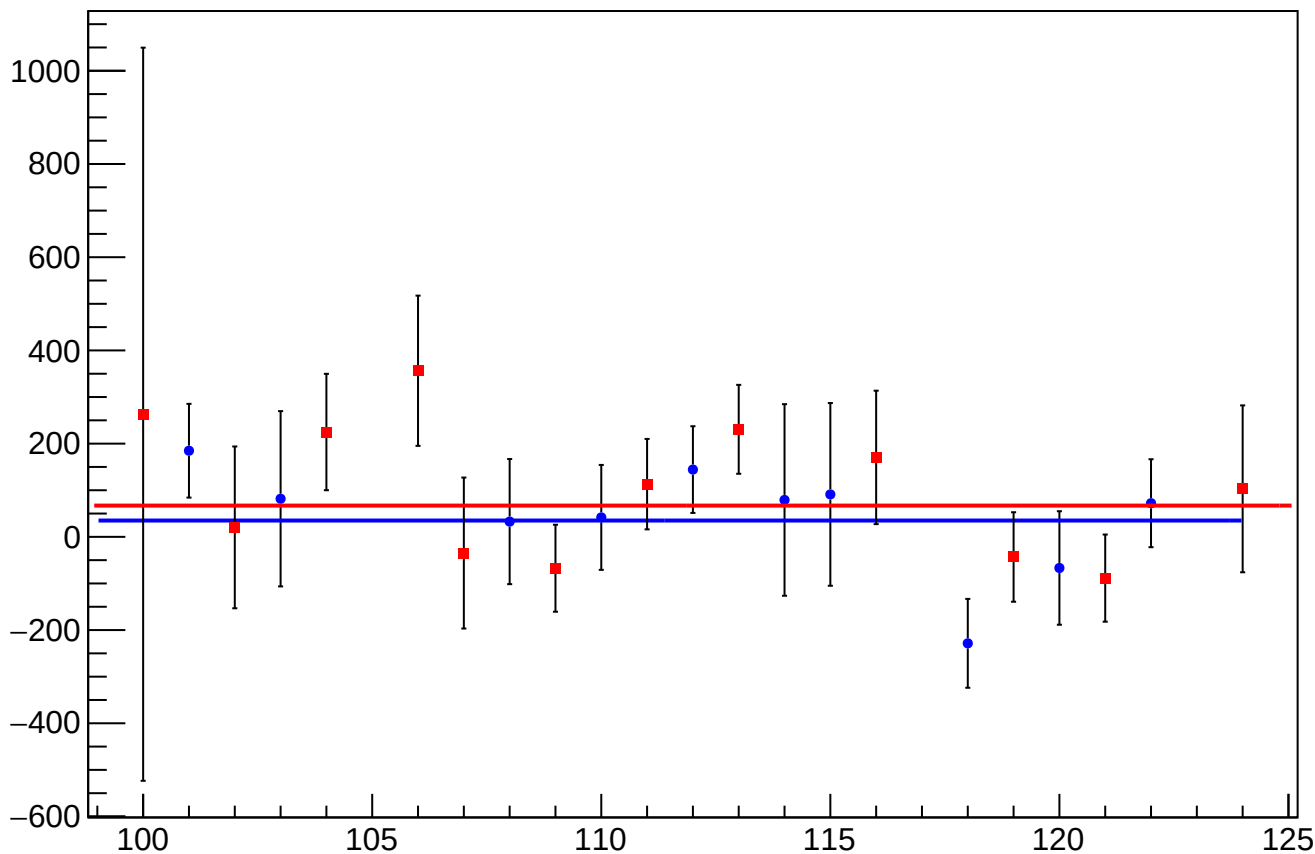
Right: 962.738+/-0.233 χ^2/NDF : 320465.0/21

In: 971.234+/-0.343 χ^2/NDF : 154718.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.738+/-0.233 χ^2/NDF : 320465.0/21

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 35.009+/-37.356 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.076+/-35.150 χ^2/NDF : 15.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

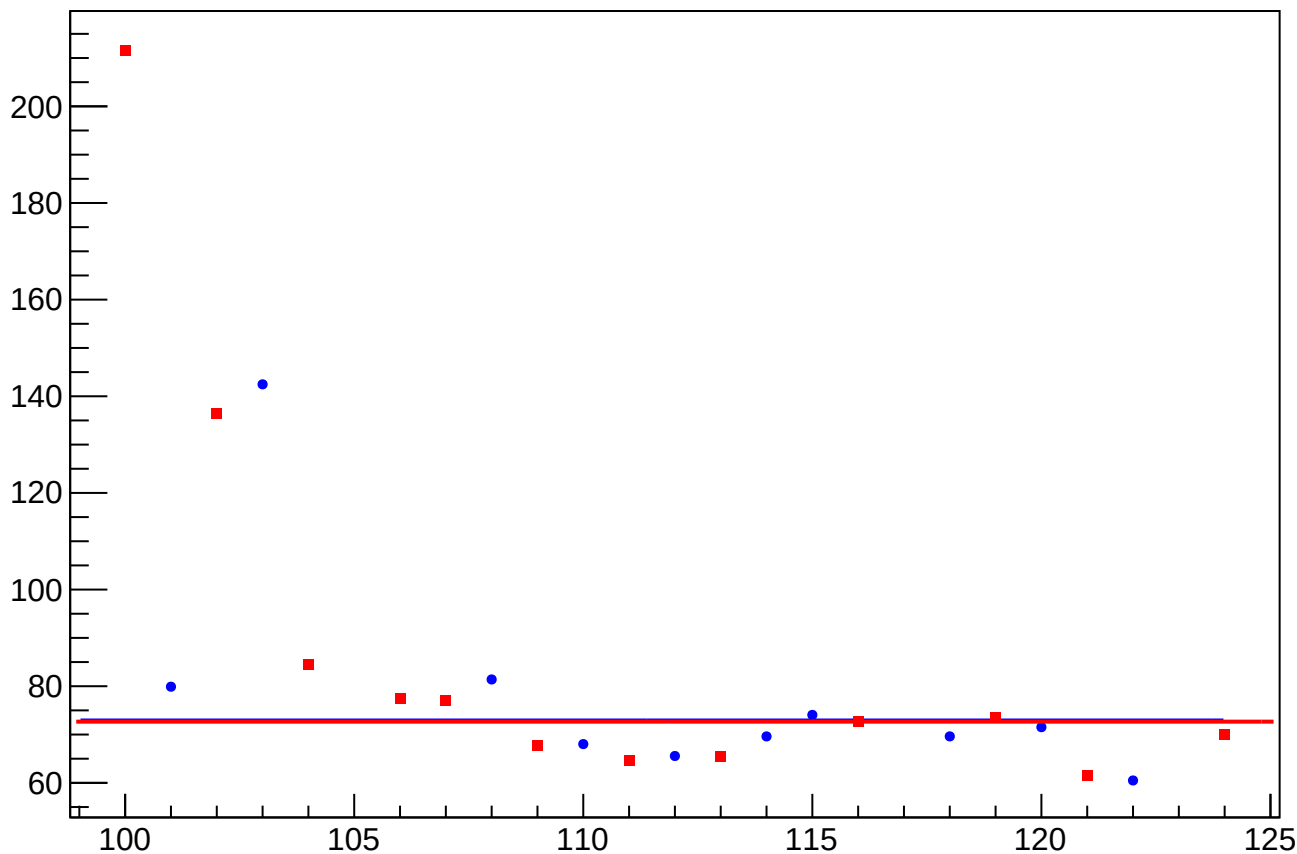
Right: 52.017+/-25.599 χ^2/NDF : 27.9/21

In: 35.009+/-37.356 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.017+/-25.599 χ^2/NDF : 27.9/21

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 72.905+/-0.026 χ^2/NDF : 345448.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.669+/-0.025 χ^2/NDF : 413205.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

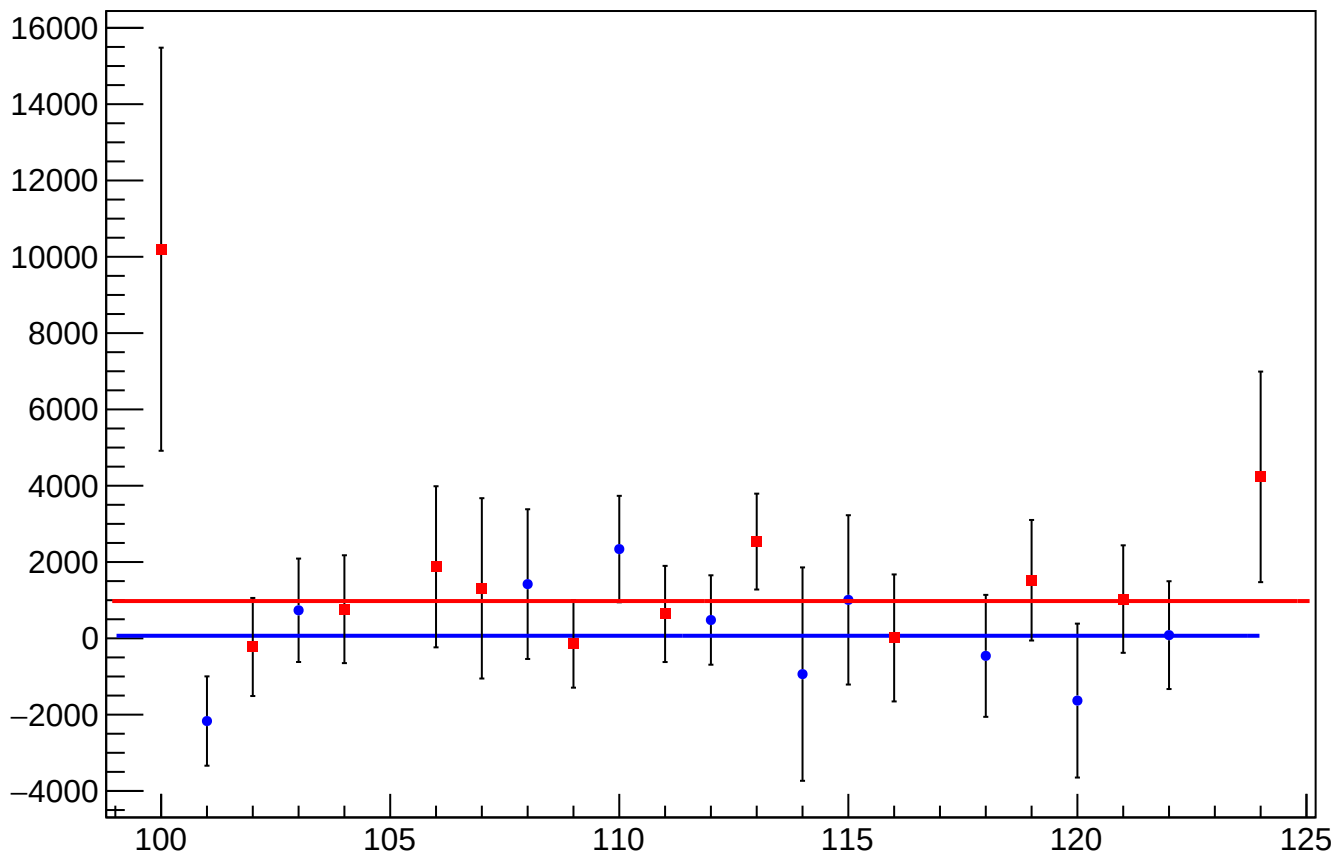
Right: 72.780+/-0.018 χ^2/NDF : 758696.0/21

In: 72.905+/-0.026 χ^2/NDF : 345448.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.780+/-0.018 χ^2/NDF : 758696.0/21

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 67.473+/-485.352 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.155+/-448.746 χ^2/NDF : 8.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

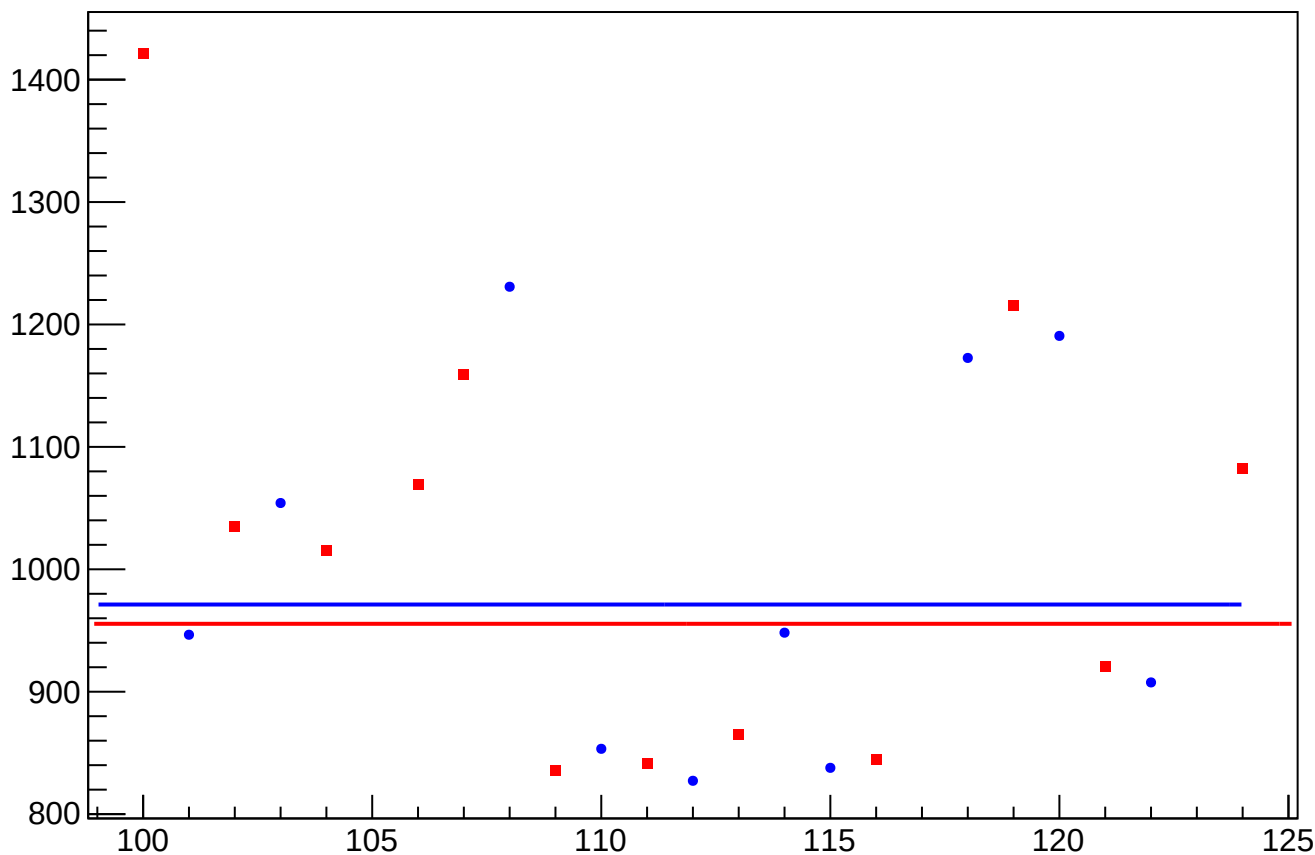
Right: 557.909+/-329.493 χ^2/NDF : 18.7/21

In: 67.473+/-485.352 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.909+/-329.493 χ^2/NDF : 18.7/21

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 971.234+/-0.343 χ^2/NDF : 154718.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.475+/-0.317 χ^2/NDF : 164610.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

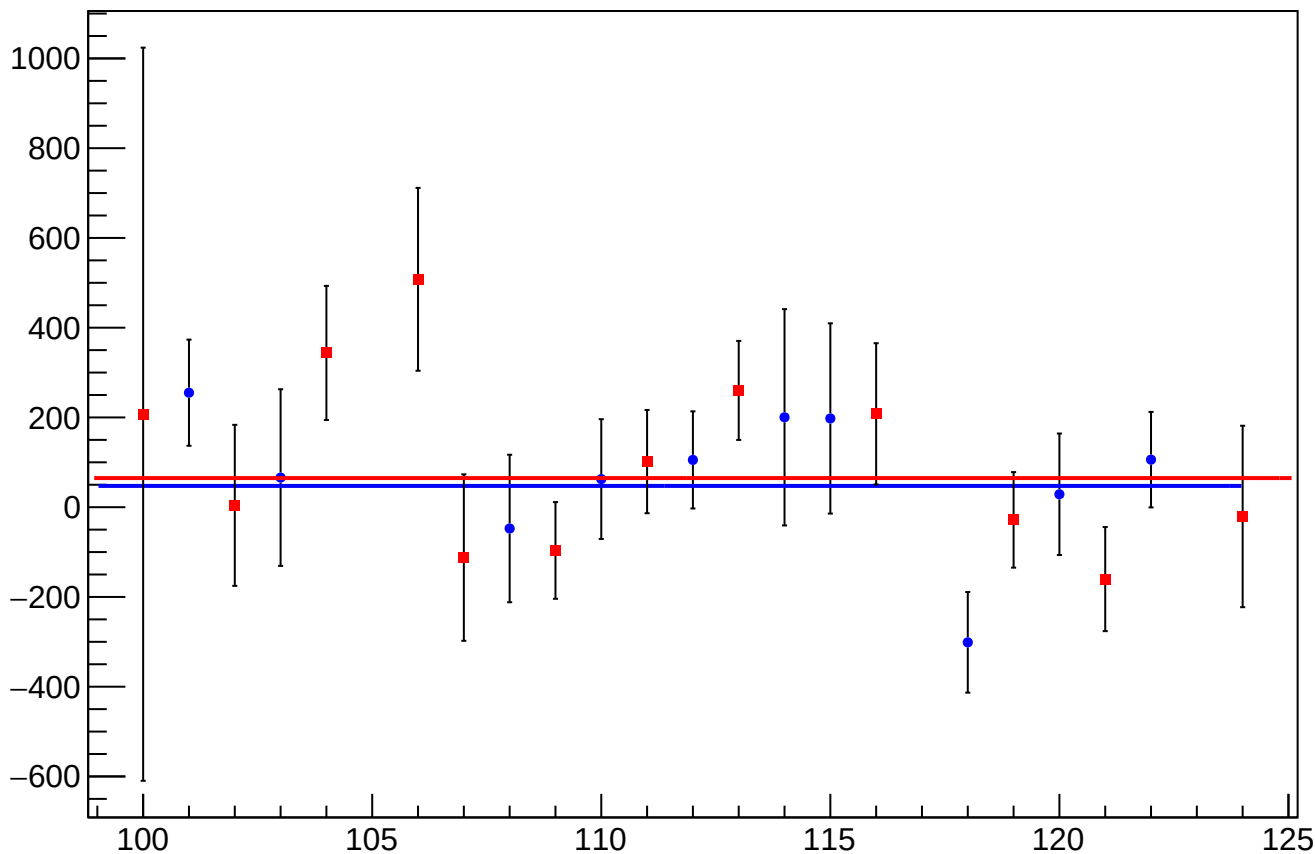
Right: 962.738+/-0.233 χ^2/NDF : 320465.0/21

In: 971.234+/-0.343 χ^2/NDF : 154718.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.738+/-0.233 χ^2/NDF : 320465.0/21

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 47.422+/-43.124 χ^2/NDF : 14.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.879+/-40.762 χ^2/NDF : 20.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

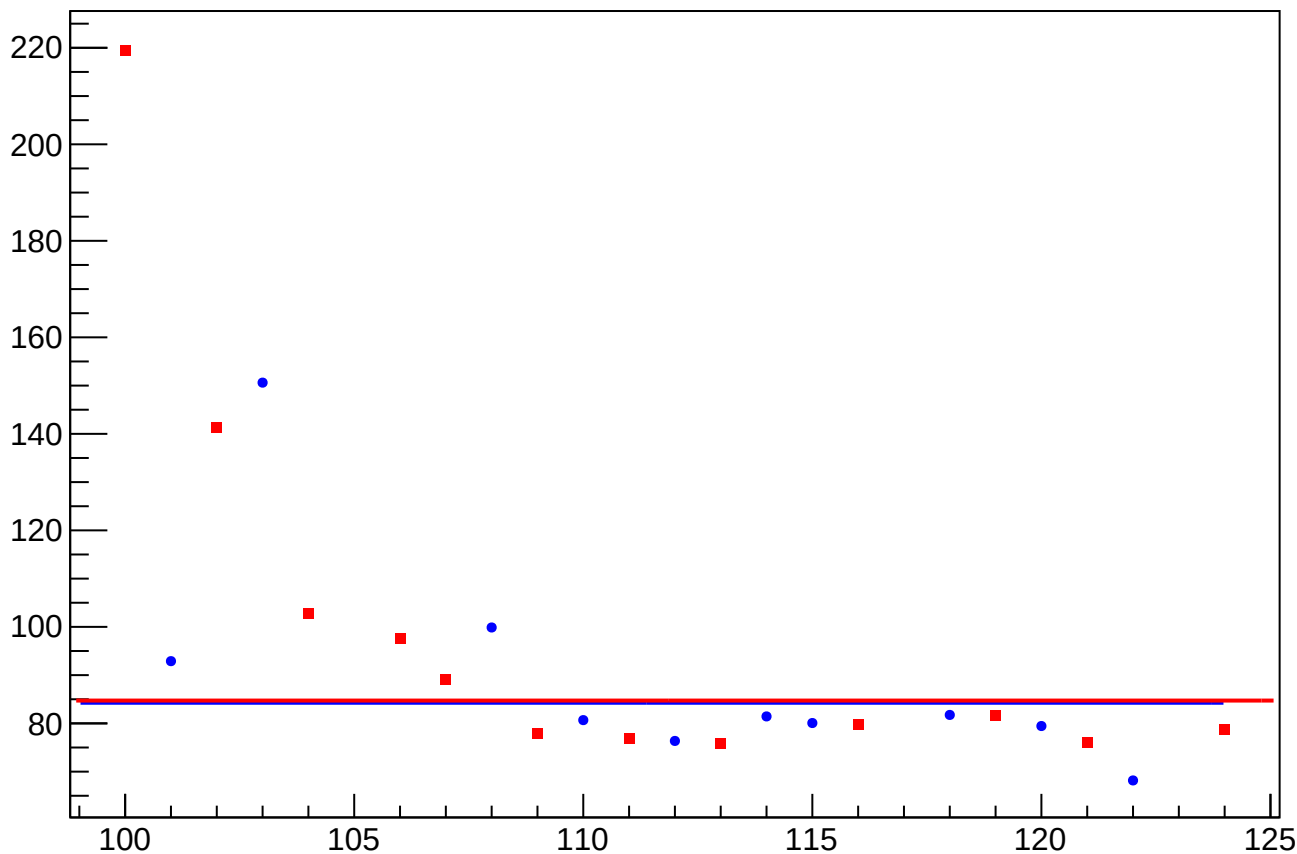
Right: 56.642+/-29.623 χ^2/NDF : 35.0/21

In: 47.422+/-43.124 χ^2/NDF : 14.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.642+/-29.623 χ^2/NDF : 35.0/21

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 84.277+/-0.030 χ^2/NDF : 318388.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.729+/-0.029 χ^2/NDF : 338690.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

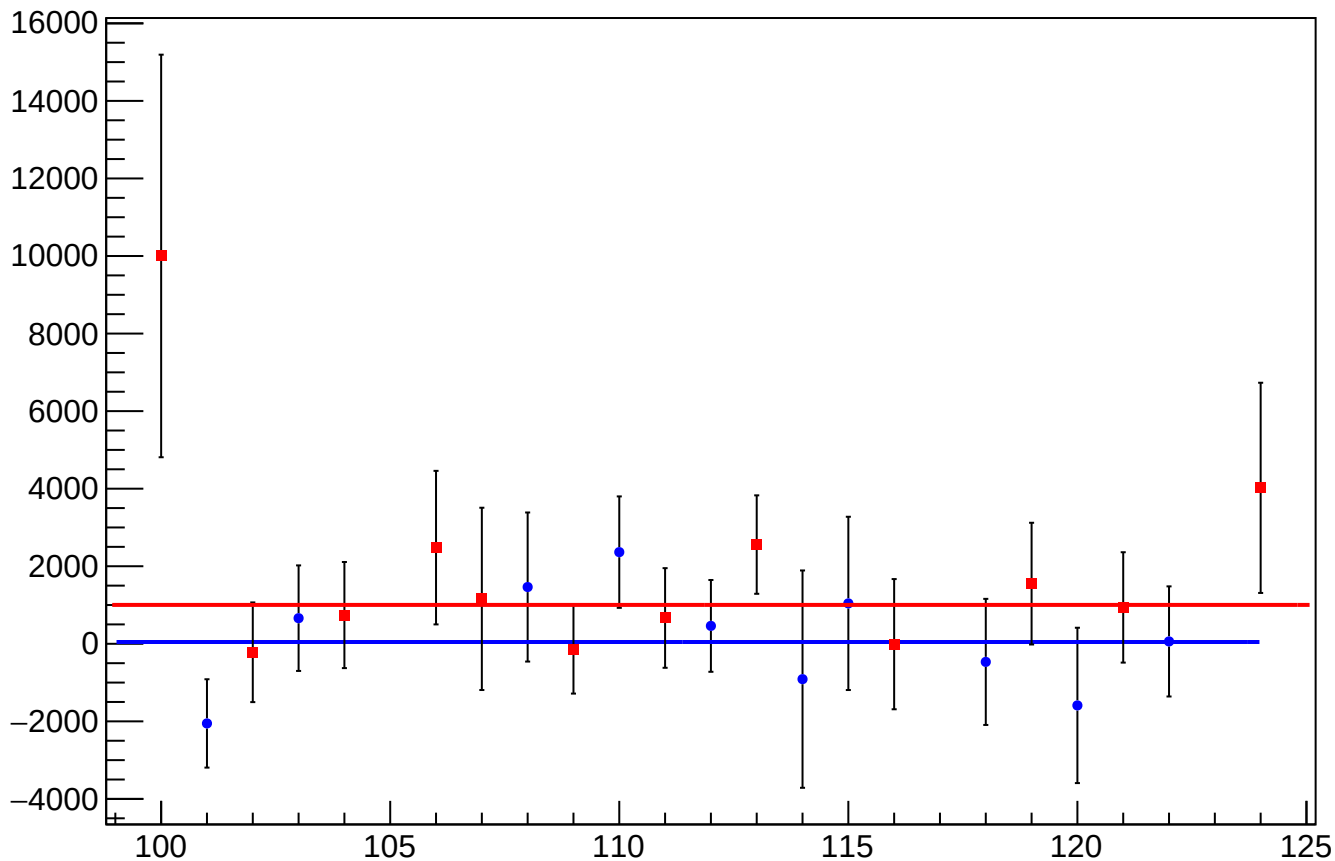
Right: 84.516+/-0.021 χ^2/NDF : 657194.3/21

In: 84.277+/-0.030 χ^2/NDF : 318388.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.516+/-0.021 χ^2/NDF : 657194.3/21

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 46.335+/-486.188 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1002.840+/-447.732 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

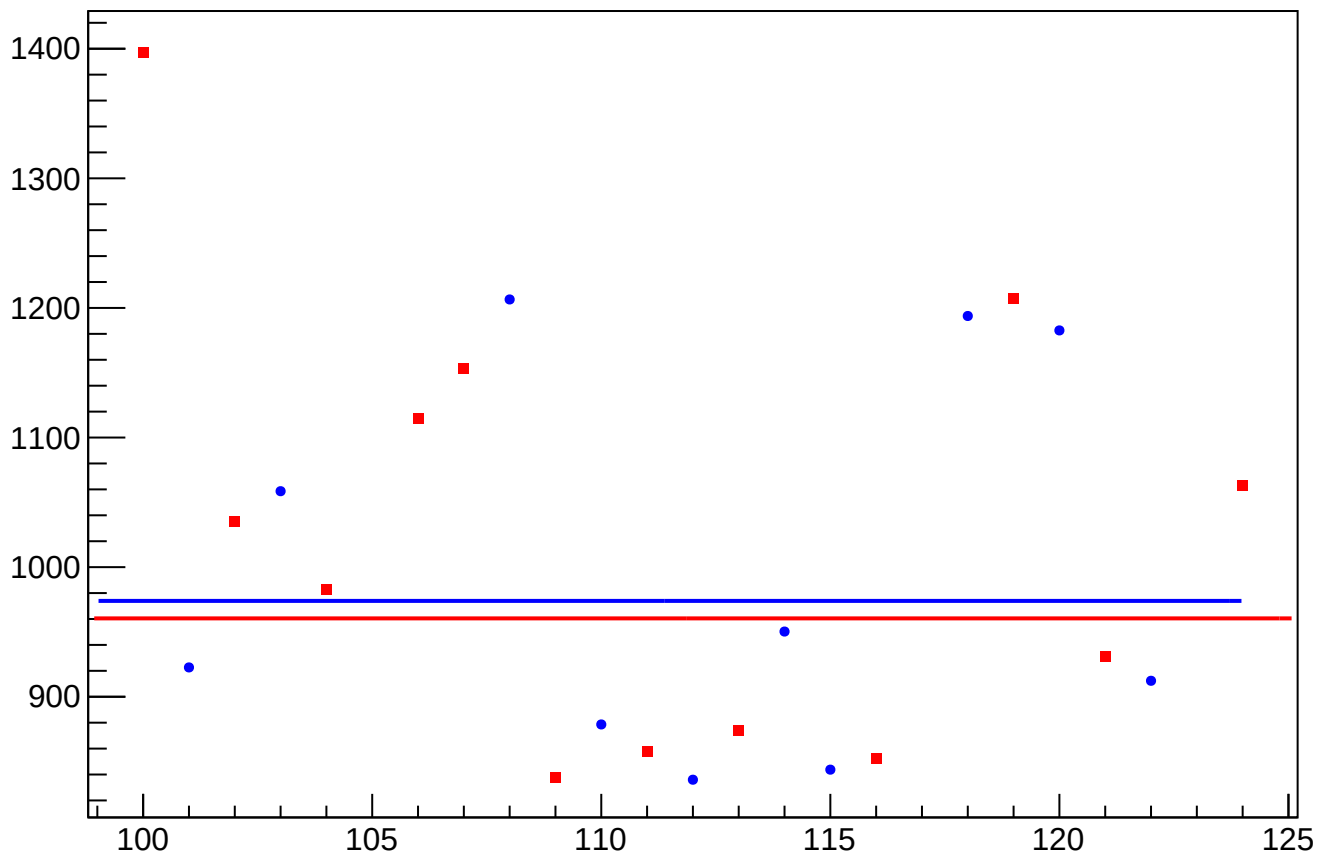
Right: 563.907+/-329.351 χ^2/NDF : 18.8/21

In: 46.335+/-486.188 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.907+/-329.351 χ^2/NDF : 18.8/21

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 973.958+/-0.344 χ^2/NDF : 146043.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.464+/-0.317 χ^2/NDF : 153362.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

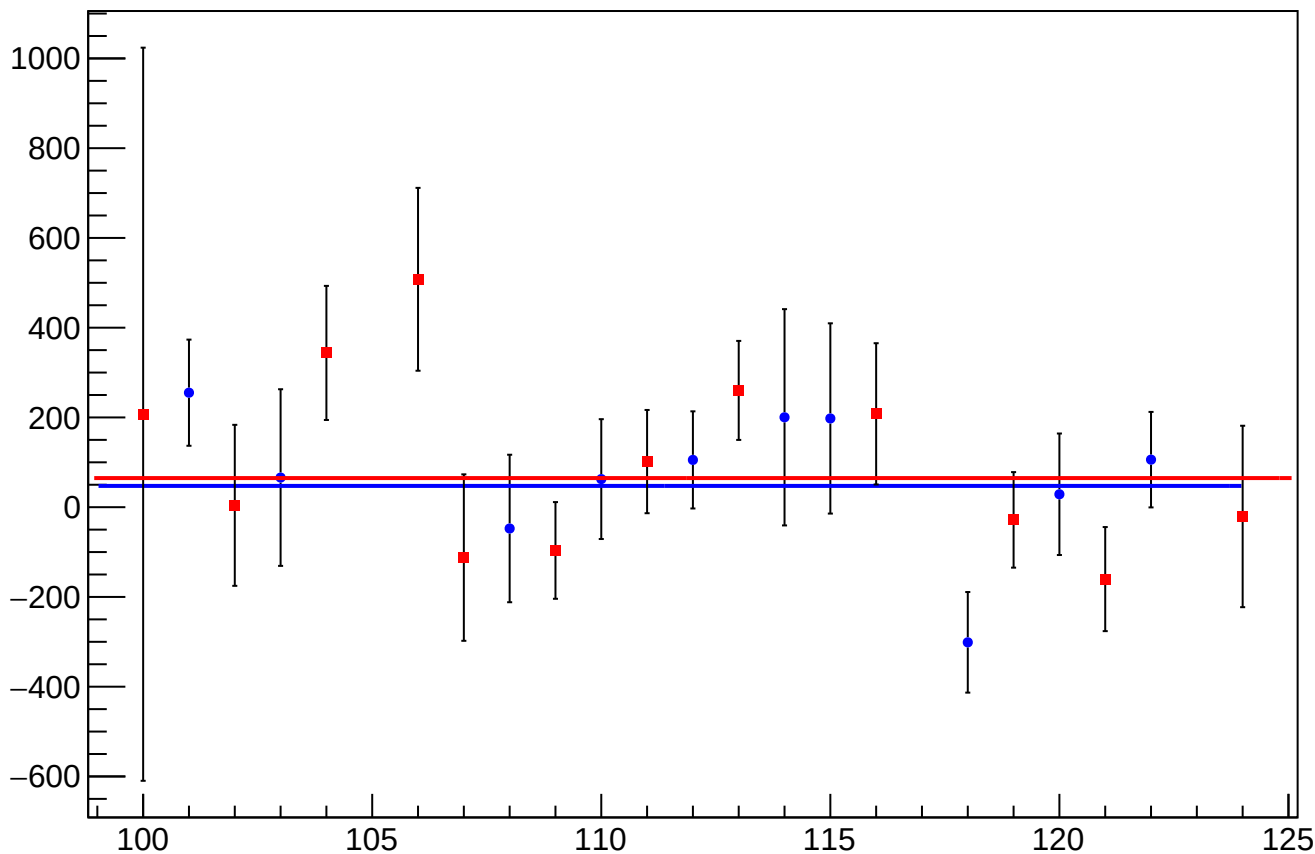
Right: 966.657+/-0.233 χ^2/NDF : 300239.6/21

In: 973.958+/-0.344 χ^2/NDF : 146043.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.657+/-0.233 χ^2/NDF : 300239.6/21

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 47.421+/-43.124 χ^2/NDF : 14.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.877+/-40.762 χ^2/NDF : 20.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

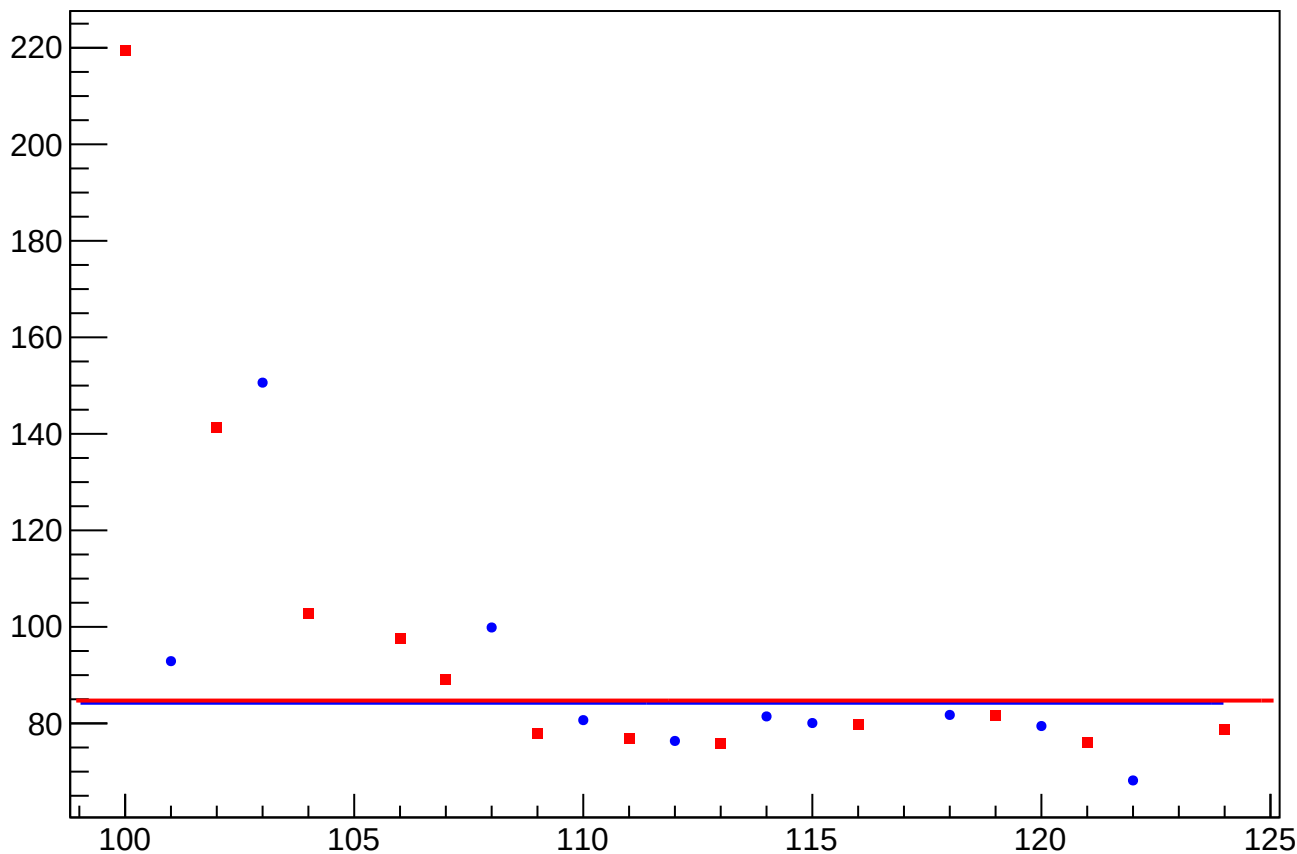
Right: 56.640+/-29.623 χ^2/NDF : 35.0/21

In: 47.421+/-43.124 χ^2/NDF : 14.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.640+/-29.623 χ^2/NDF : 35.0/21

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 84.277+/-0.030 χ^2/NDF : 318391.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.729+/-0.029 χ^2/NDF : 338698.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

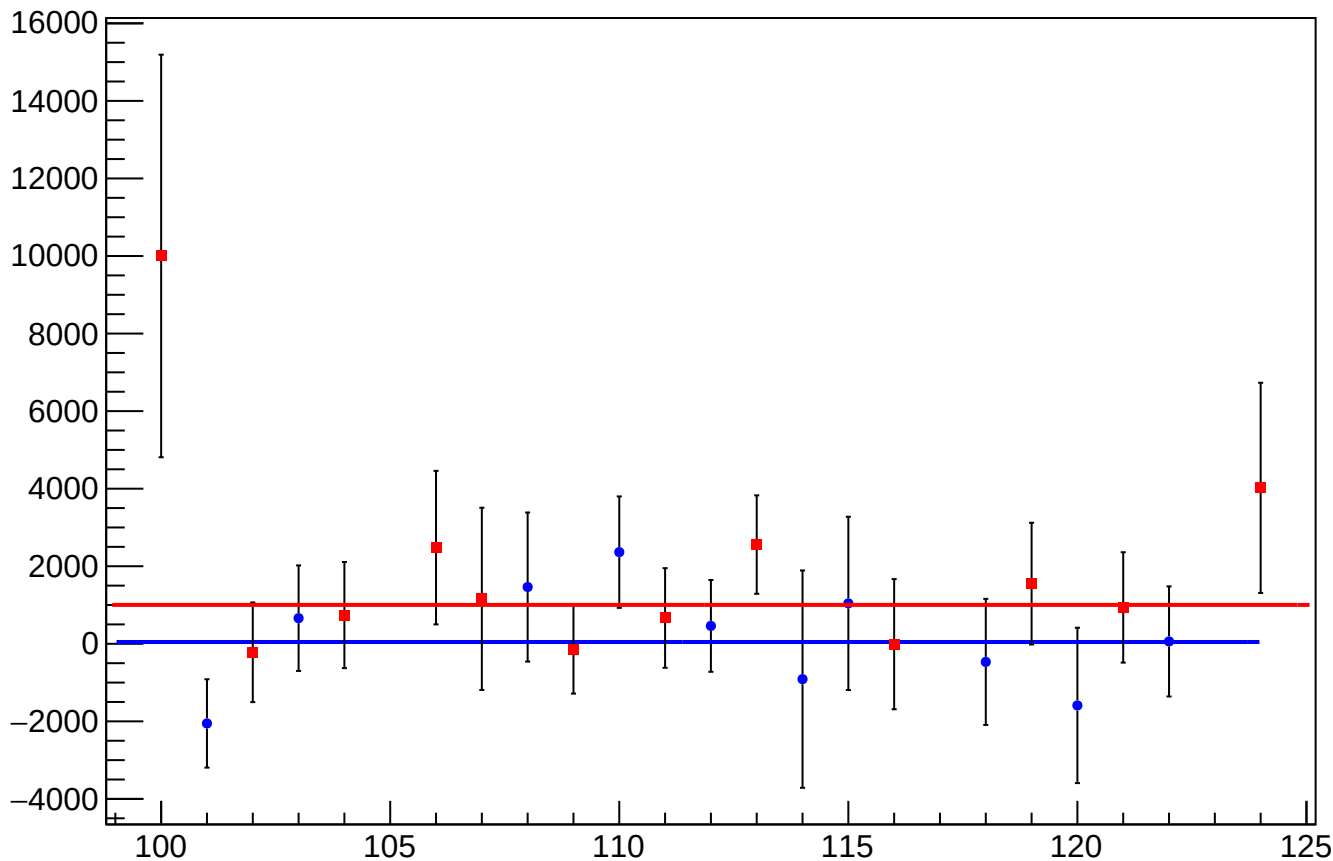
Right: 84.516+/-0.021 χ^2/NDF : 657205.6/21

In: 84.277+/-0.030 χ^2/NDF : 318391.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.516+/-0.021 χ^2/NDF : 657205.6/21

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 46.336+/-486.186 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1002.838+/-447.730 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

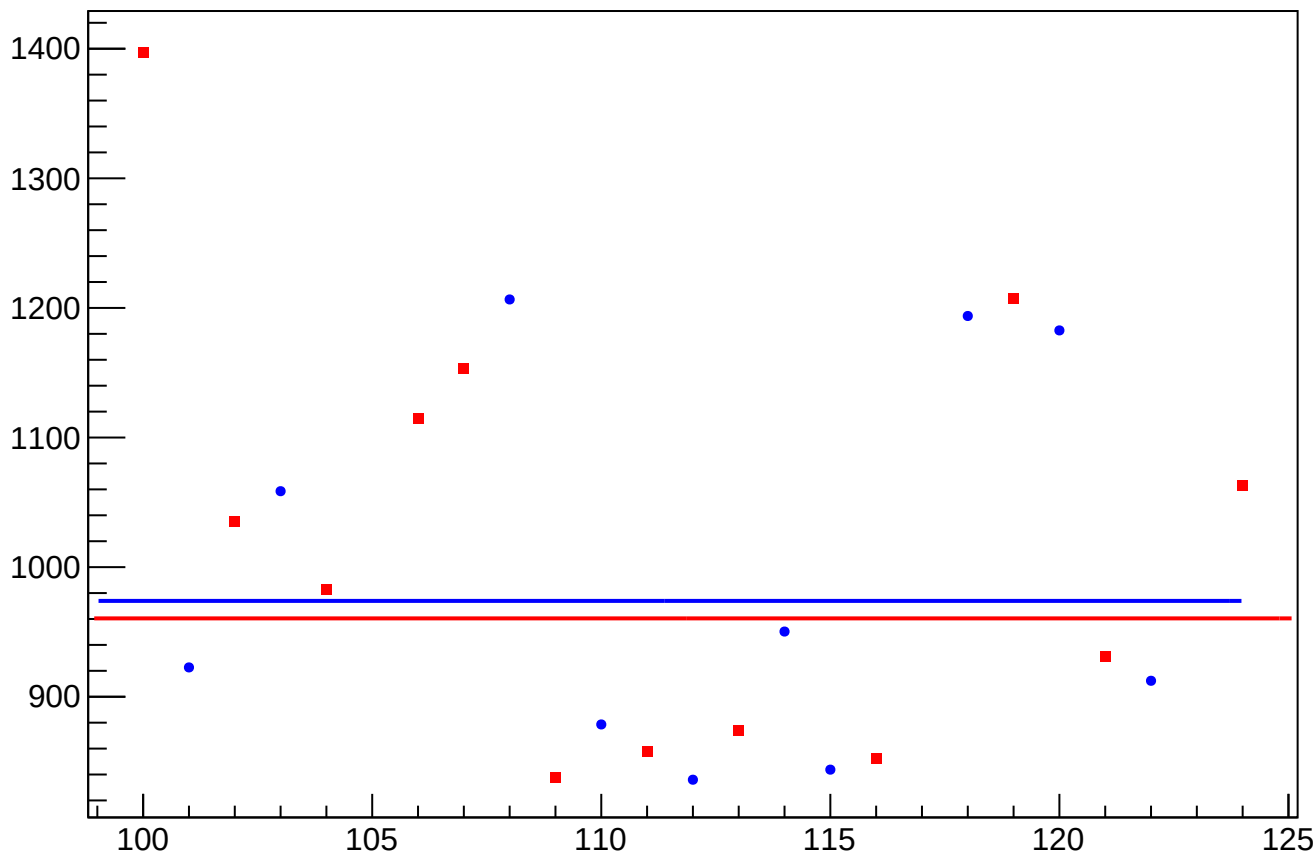
Right: 563.906+/-329.350 χ^2/NDF : 18.8/21

In: 46.336+/-486.186 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.906+/-329.350 χ^2/NDF : 18.8/21

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 973.956+/-0.344 χ^2/NDF : 146045.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.462+/-0.317 χ^2/NDF : 153365.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

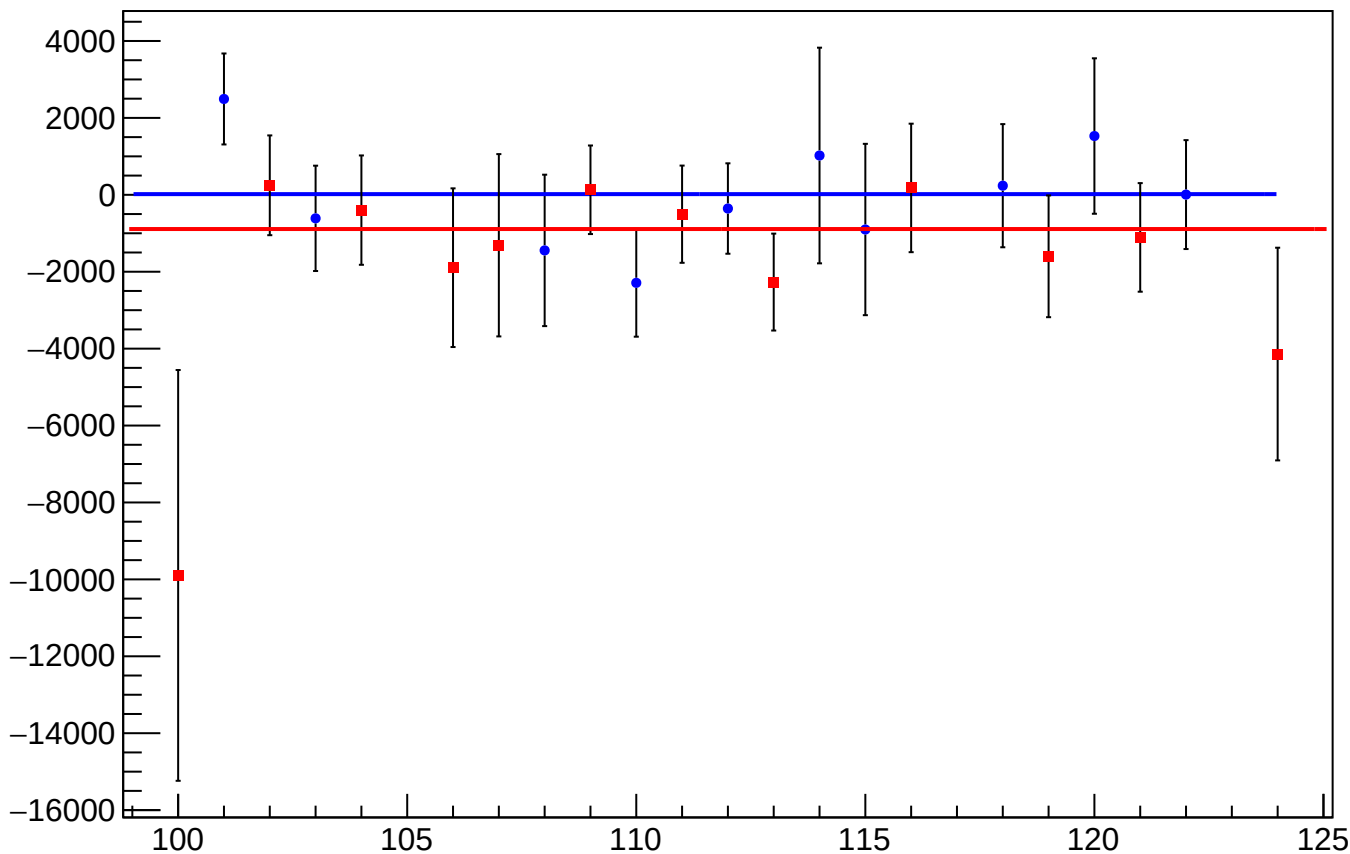
Right: 966.654+/-0.233 χ^2/NDF : 300244.4/21

In: 973.956+/-0.344 χ^2/NDF : 146045.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.654+/-0.233 χ^2/NDF : 300244.4/21

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 17.928+/-487.846 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -889.748+/-450.081 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

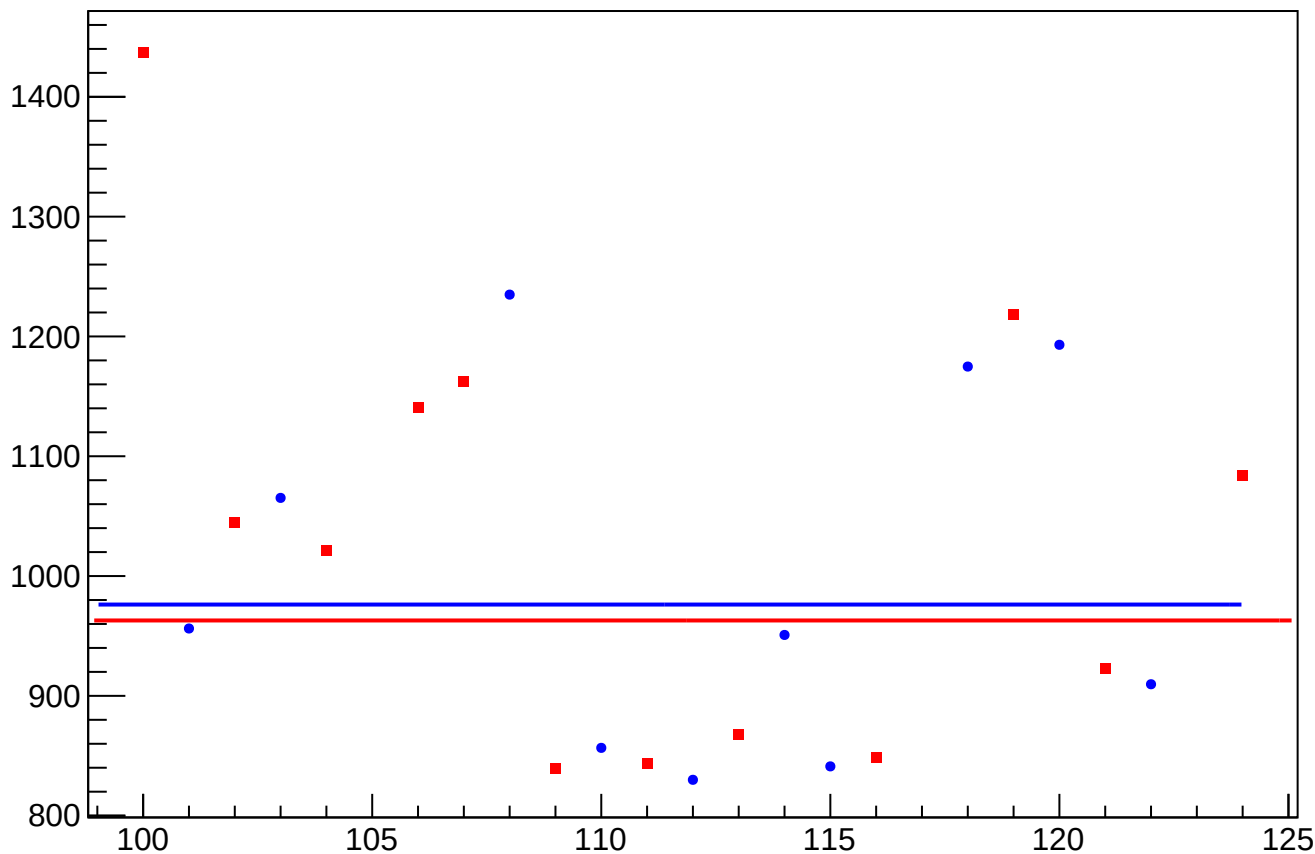
Right: -472.397+/-330.802 χ^2/NDF : 18.8/21

In: 17.928+/-487.846 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.397+/-330.802 χ^2/NDF : 18.8/21

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 976.210+/-0.345 χ^2/NDF : 154849.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.925+/-0.318 χ^2/NDF : 175180.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

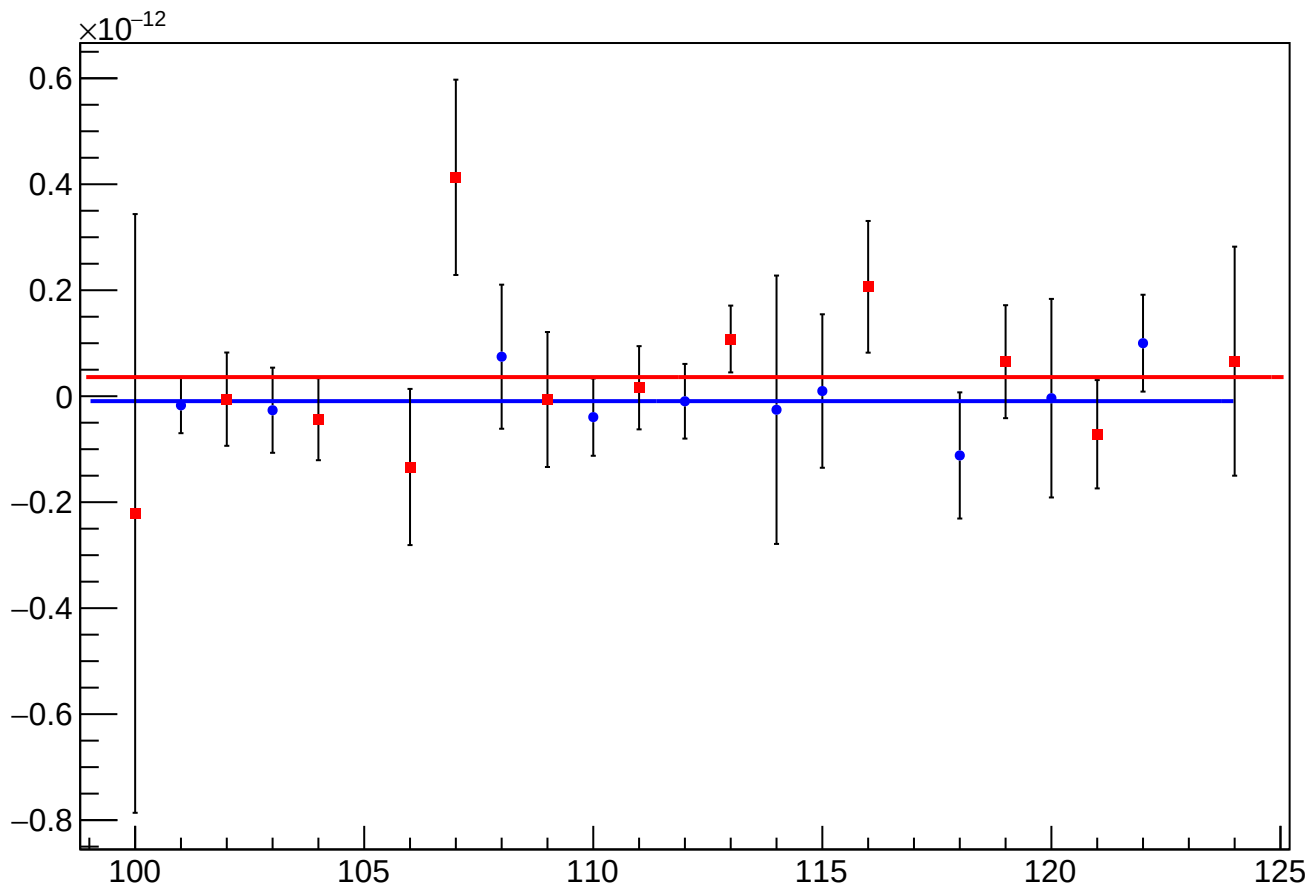
Right: 969.034+/-0.234 χ^2/NDF : 330830.8/21

In: 976.210+/-0.345 χ^2/NDF : 154849.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.034+/-0.234 χ^2/NDF : 330830.8/21

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

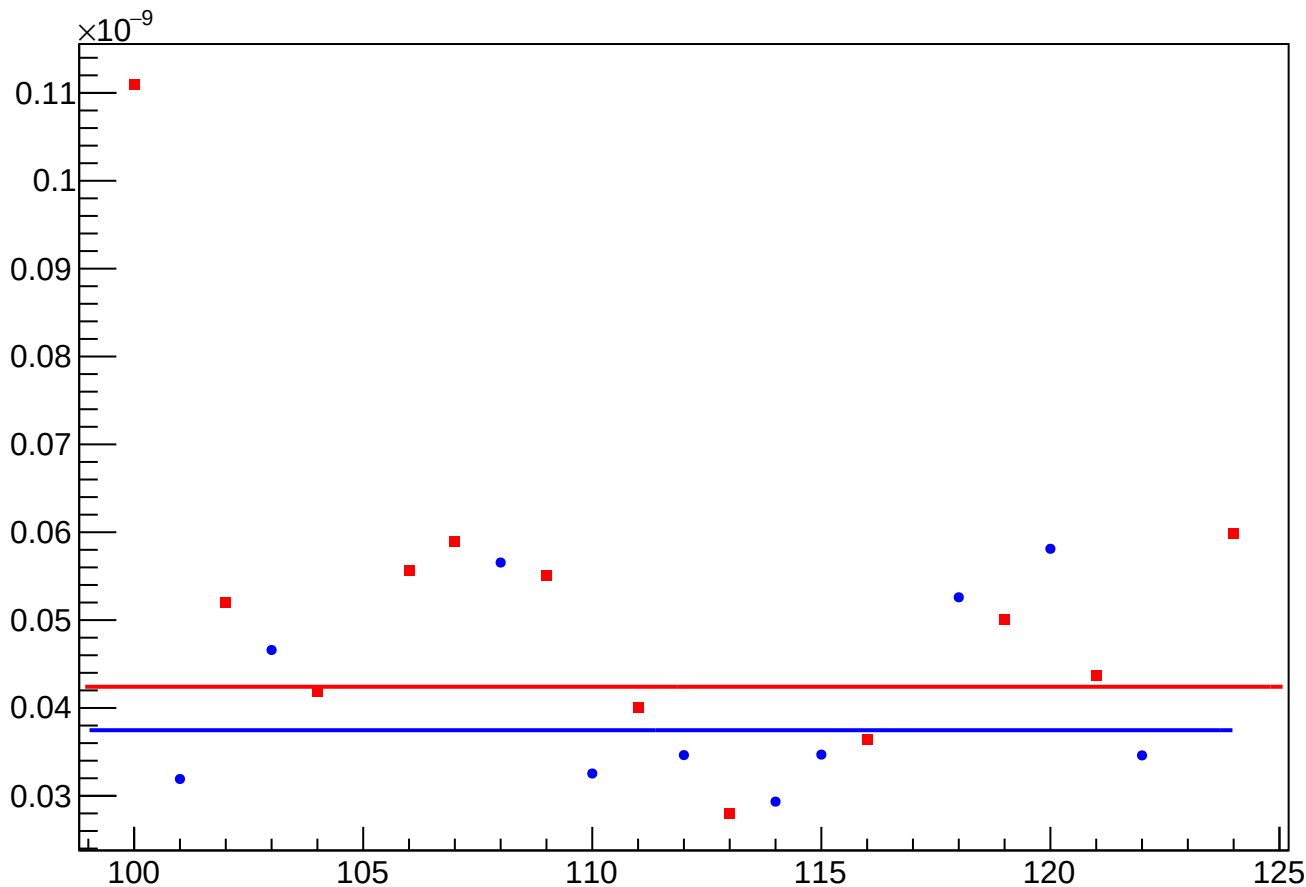
Right: 0.000+/-0.000 χ^2/NDF : 15.6/21

In: -0.000+/-0.000 χ^2/NDF : 2.8/9

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 : 161159.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 239817.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

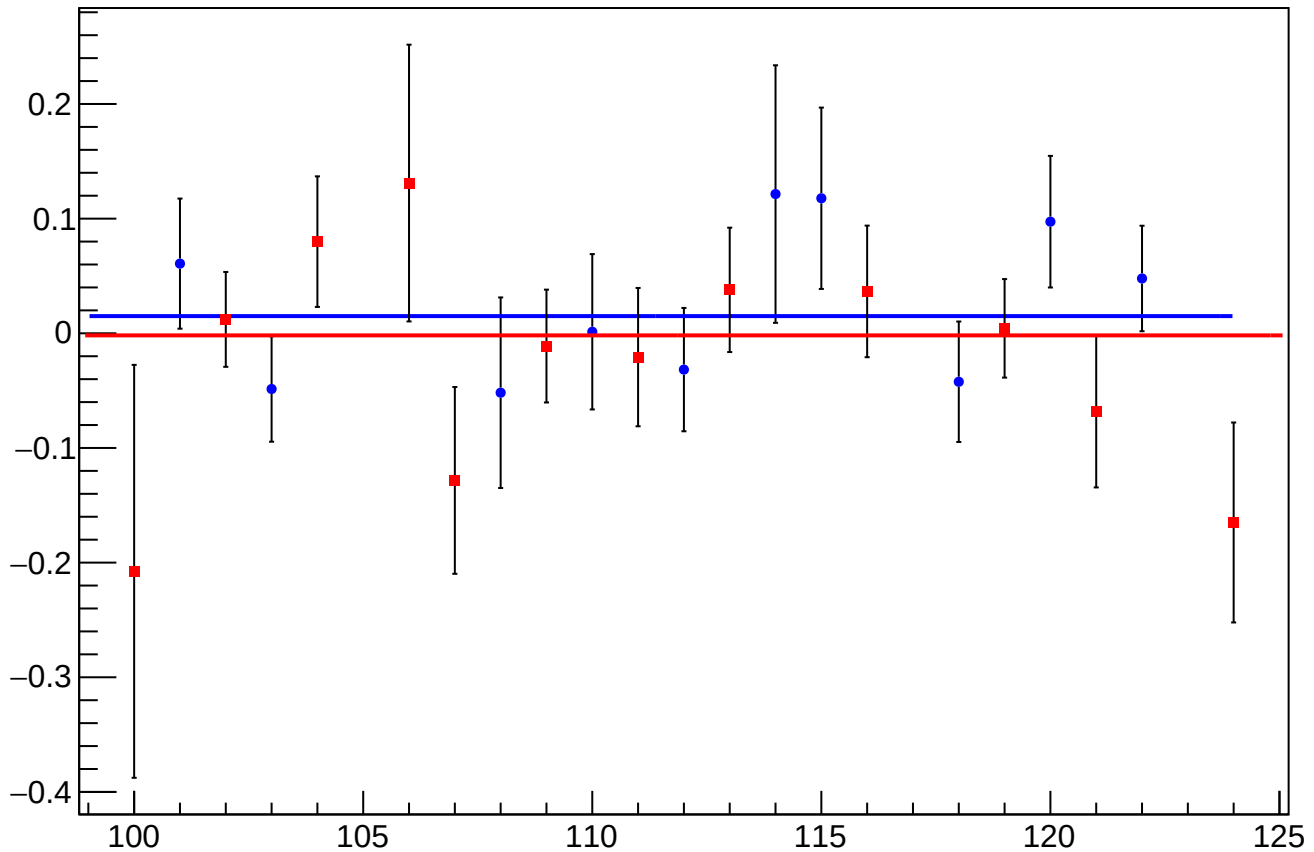
Right: 0.000+/-0.000 χ^2/NDF : 429805.5/21

In: 0.000+/-0.000 χ^2/NDF : 161159.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 429805.5/21

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.017 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

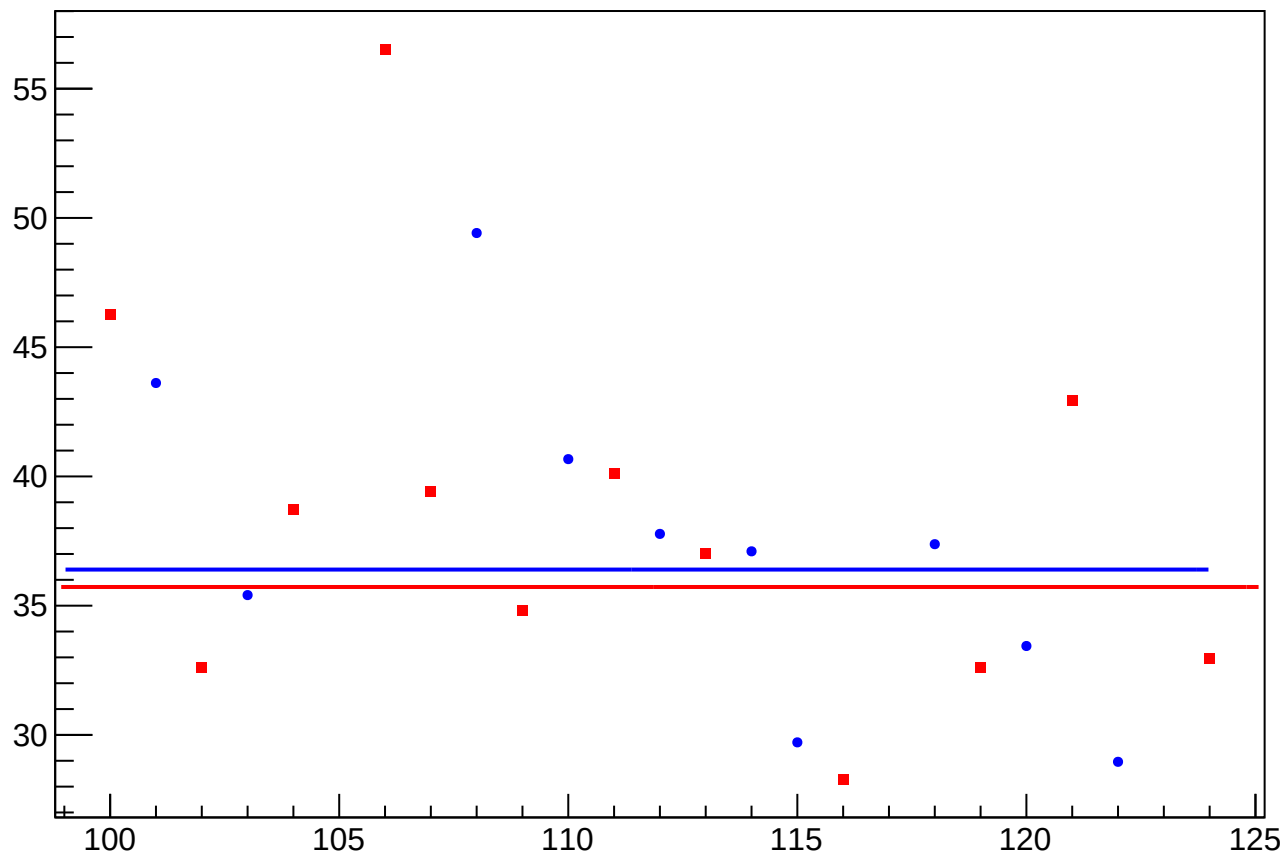
Right: 0.006+/-0.013 χ^2/NDF : 23.5/21

In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.013 χ^2/NDF : 23.5/21

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.397+/-0.013 χ^2/NDF : 164307.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.723+/-0.012 χ^2/NDF : 169592.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

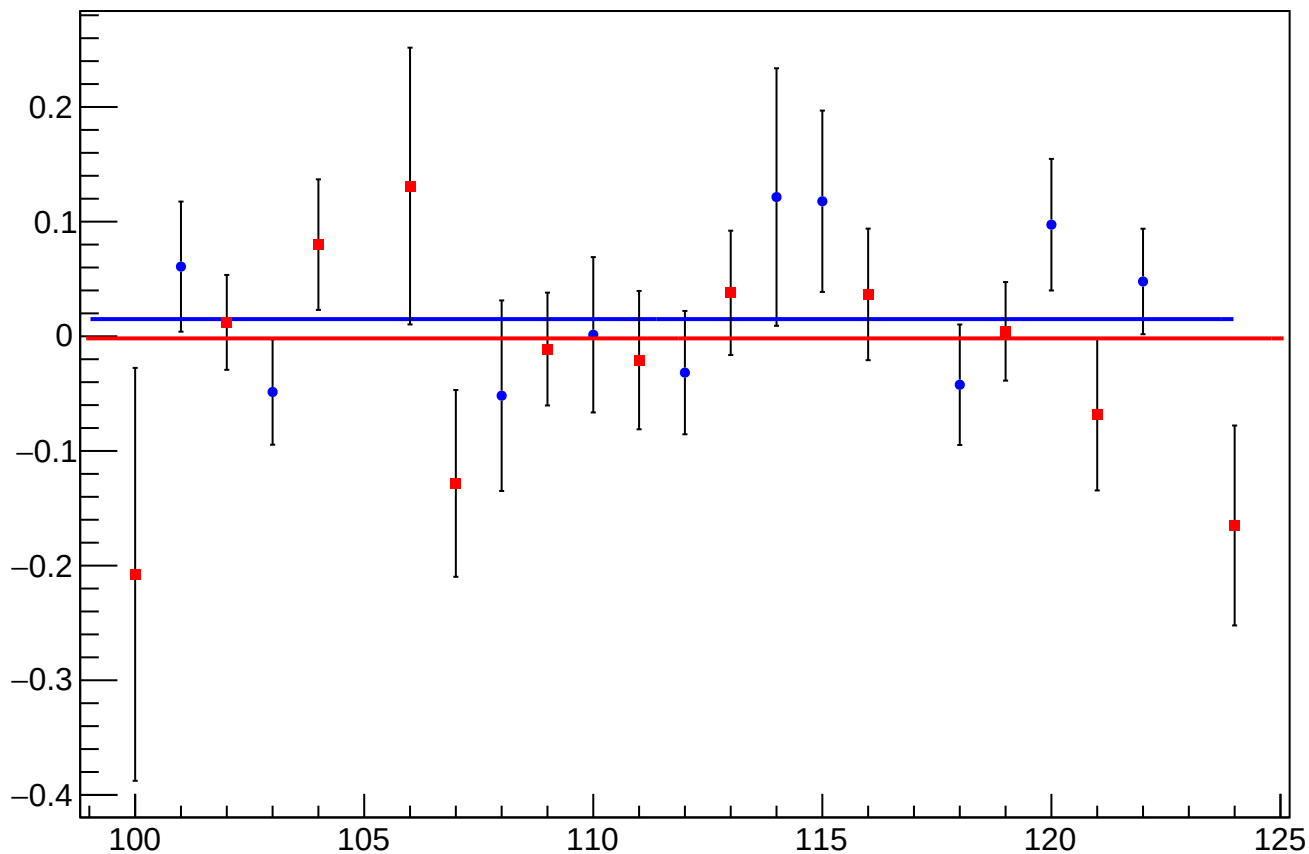
Right: 36.033+/-0.009 χ^2/NDF : 335308.4/21

In: 36.397+/-0.013 χ^2/NDF : 164307.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.033+/-0.009 χ^2/NDF : 335308.4/21

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.017 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

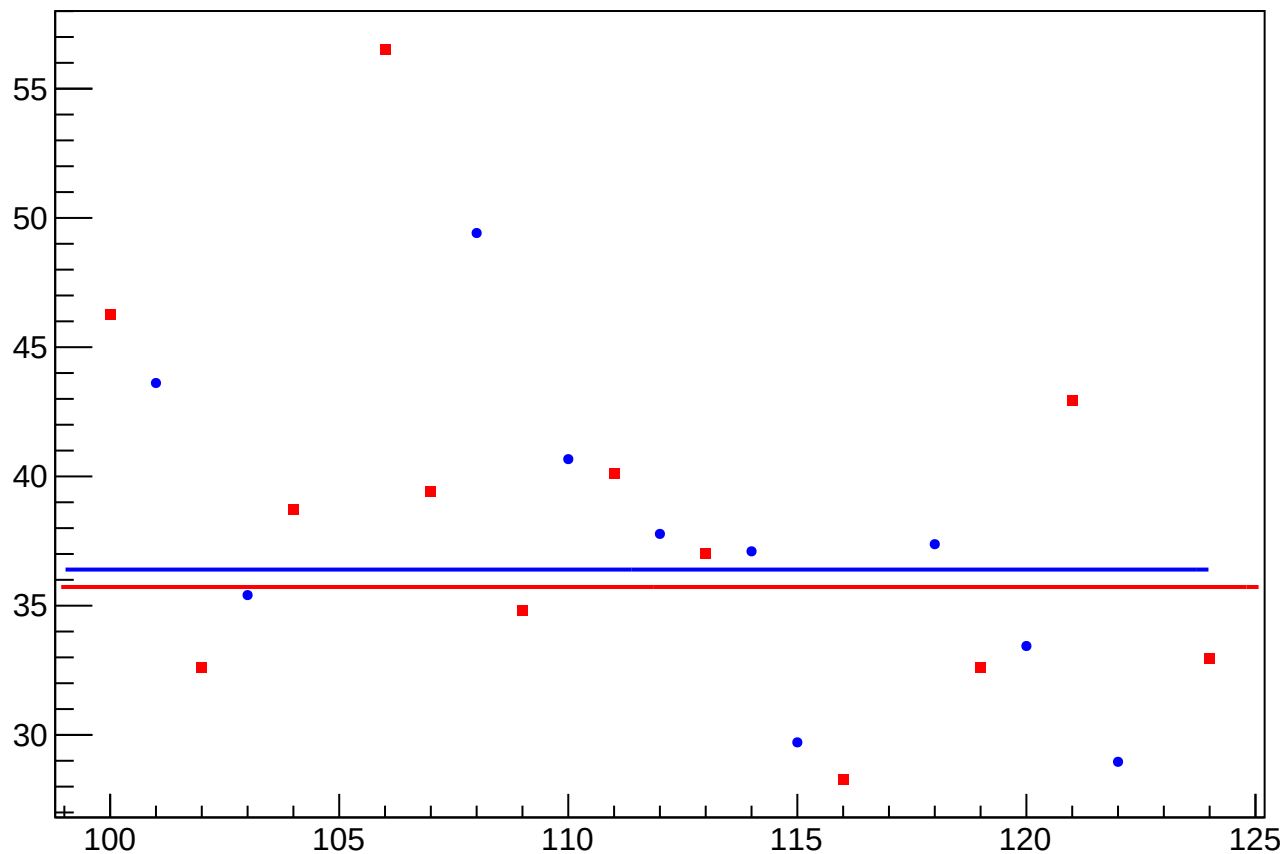
Right: 0.006+/-0.013 χ^2/NDF : 23.5/21

In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.013 χ^2/NDF : 23.5/21

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.397+/-0.013 χ^2/NDF : 164307.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.723+/-0.012 χ^2/NDF : 169592.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

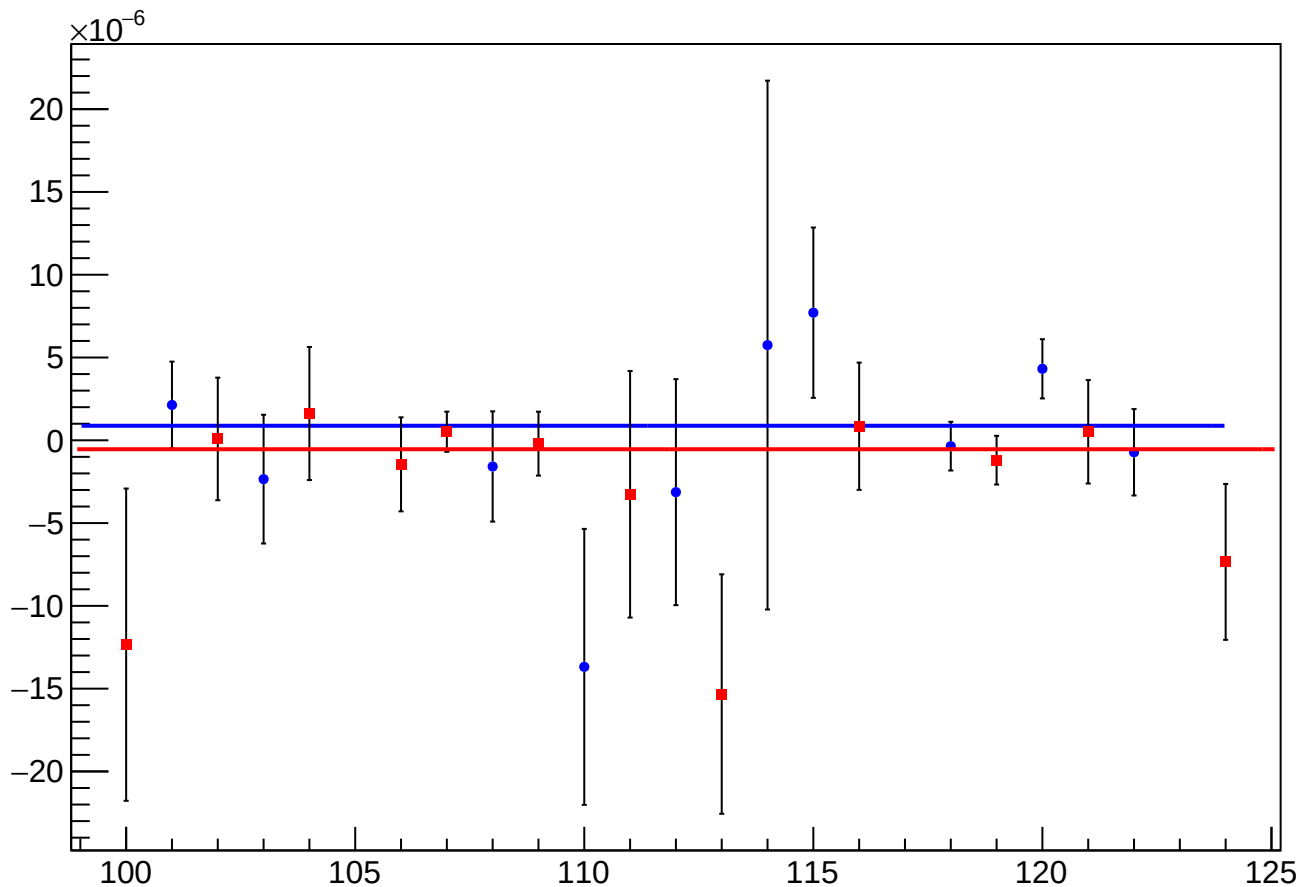
Right: 36.033+/-0.009 χ^2/NDF : 335308.4/21

In: 36.397+/-0.013 χ^2/NDF : 164307.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.033+/-0.009 χ^2/NDF : 335308.4/21

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

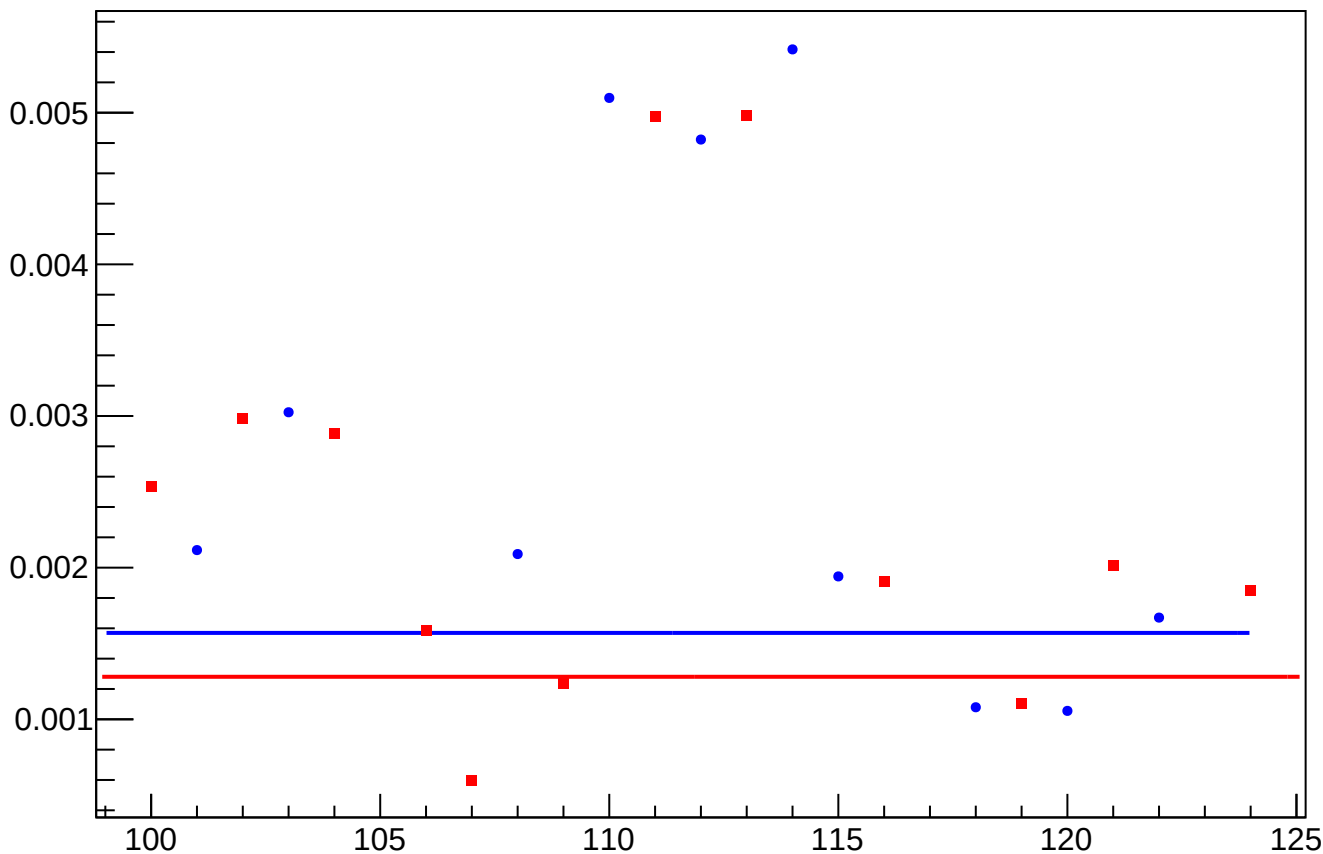
Right: 0.000+/-0.000 χ^2/NDF : 22.7/21

In: 0.000+/-0.000 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.7/21

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1745895.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2674966.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

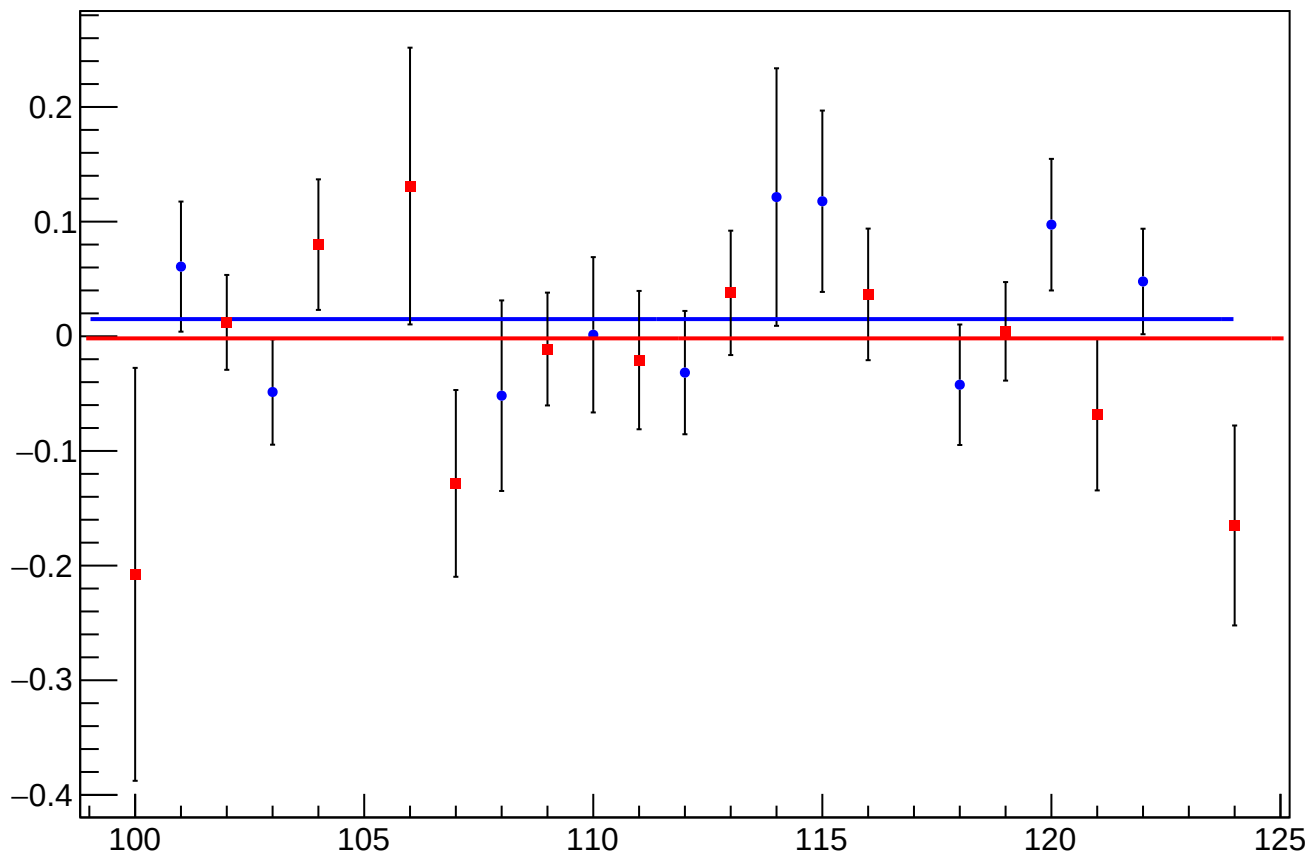
Right: 0.001+/-0.000 χ^2/NDF : 4551079.5/21

In: 0.002+/-0.000 χ^2/NDF :1745895.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4551079.5/21

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.017 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

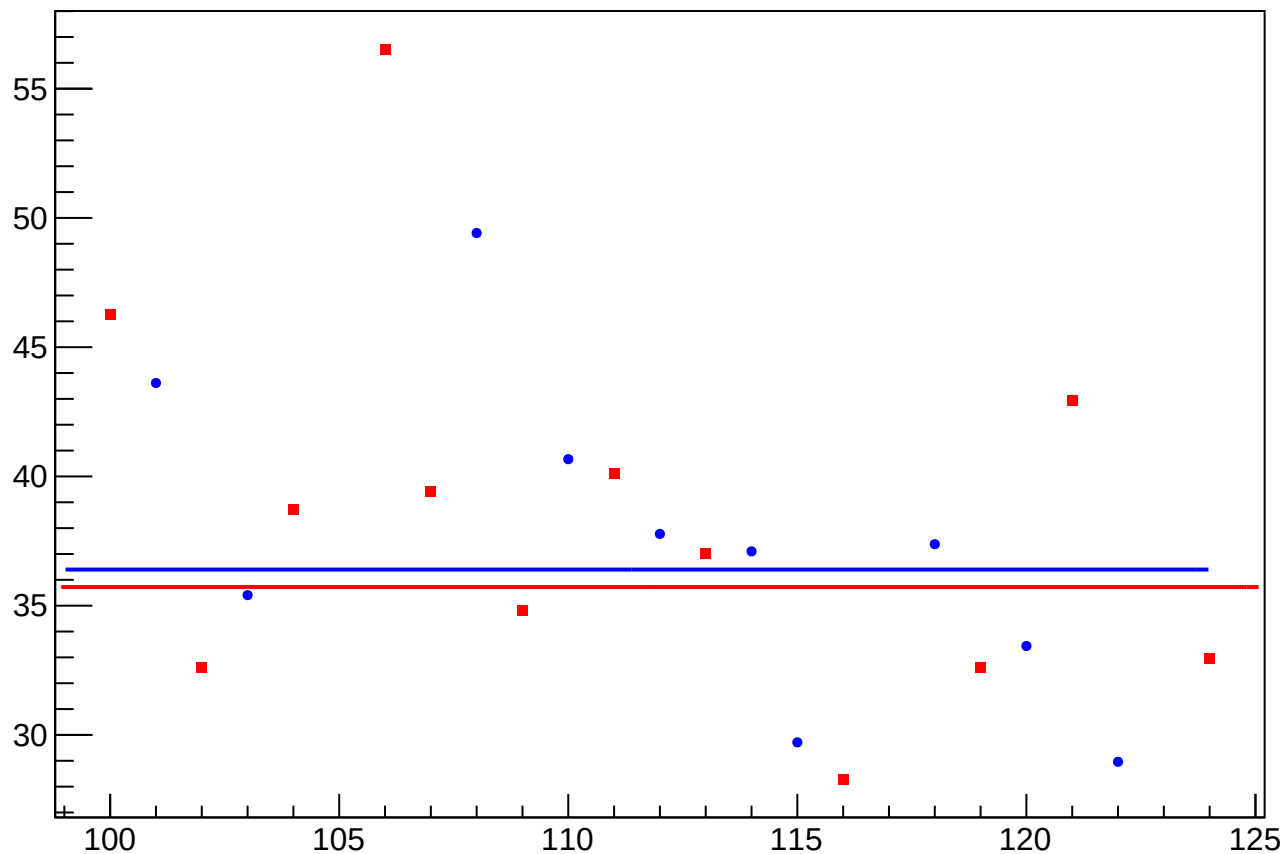
Right: 0.006+/-0.013 χ^2/NDF : 23.5/21

In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.013 χ^2/NDF : 23.5/21

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.397+/-0.013 χ^2/NDF : 164303.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.723+/-0.012 χ^2/NDF : 169581.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

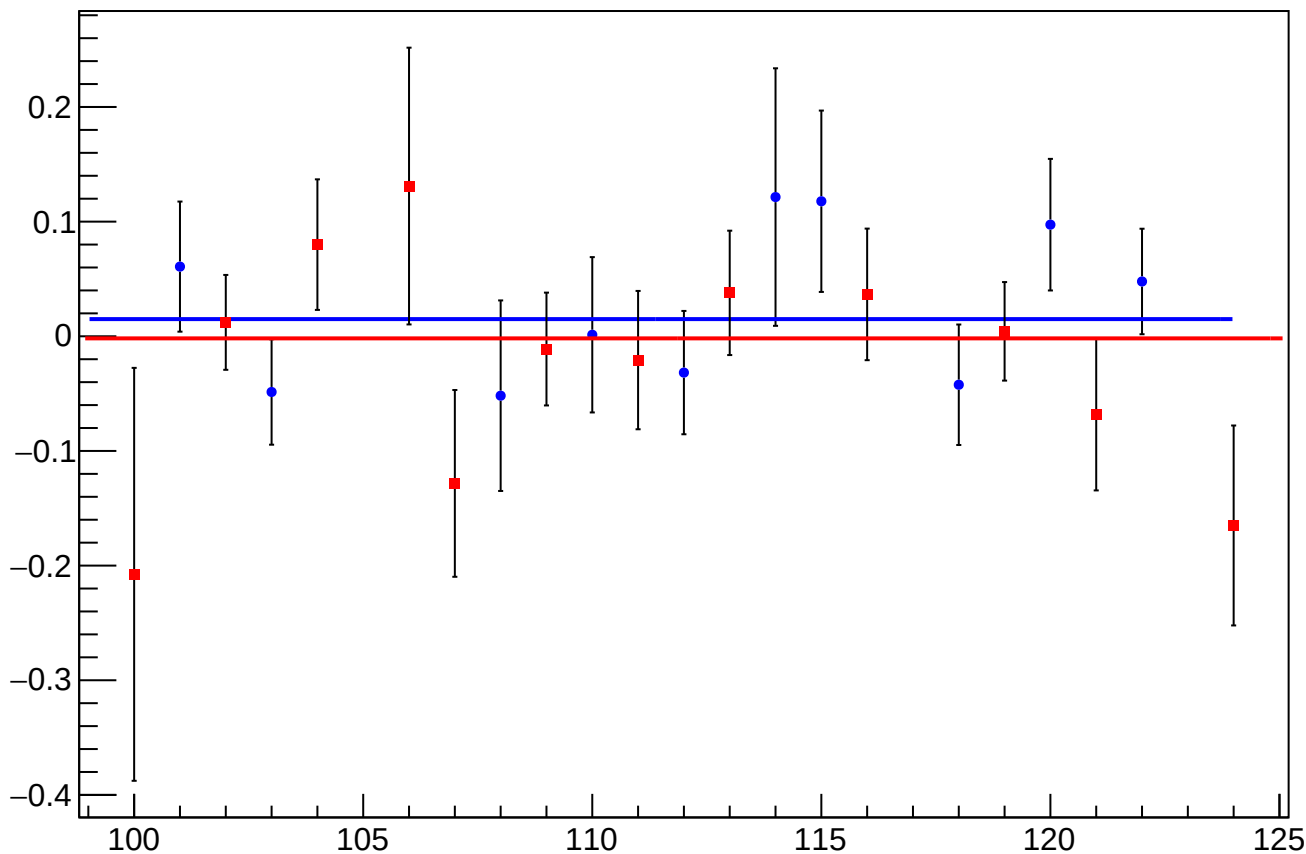
Right: 36.033+/-0.009 χ^2/NDF : 335294.3/21

In: 36.397+/-0.013 χ^2/NDF : 164303.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.033+/-0.009 χ^2/NDF : 335294.3/21

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.017 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

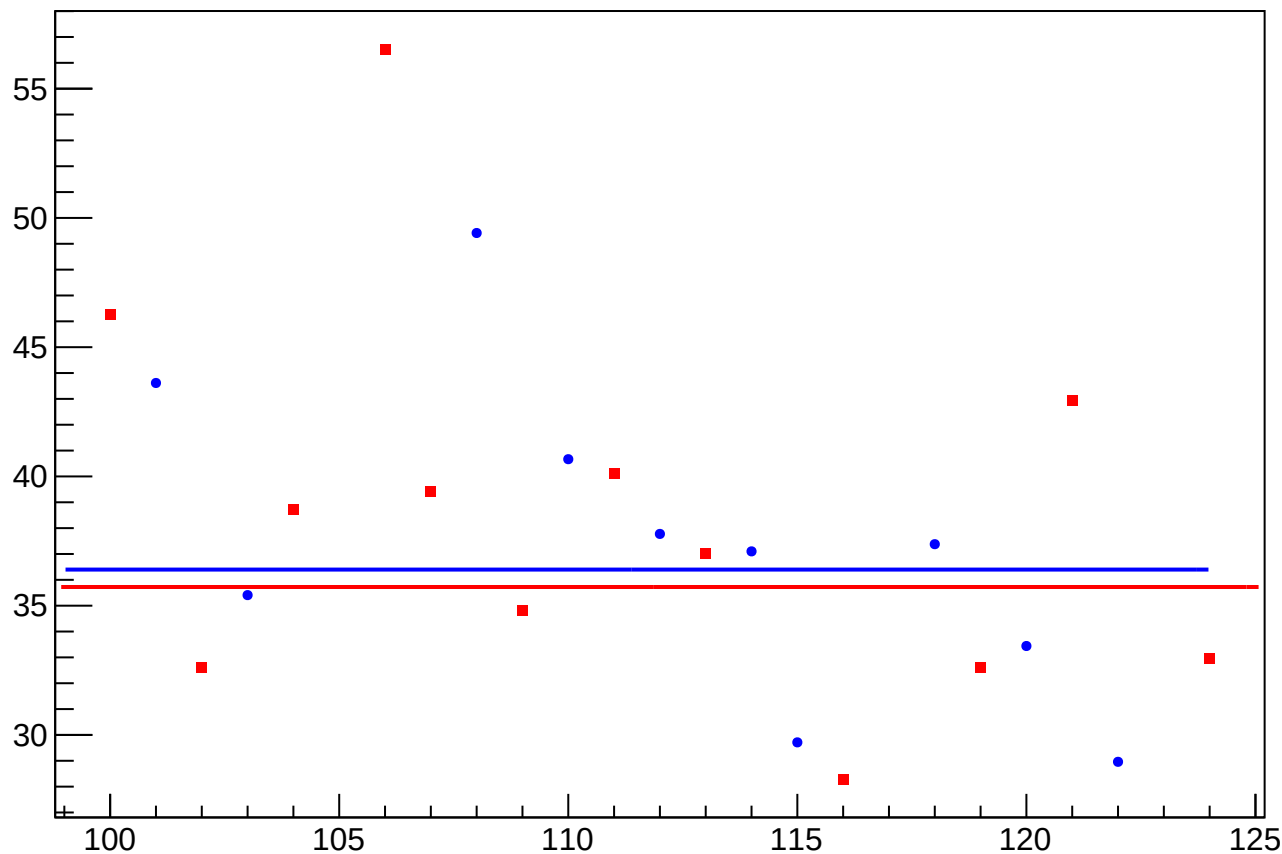
Right: 0.006+/-0.013 χ^2/NDF : 23.5/21

In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.013 χ^2/NDF : 23.5/21

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.397+/-0.013 χ^2/NDF : 164303.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.723+/-0.012 χ^2/NDF : 169581.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

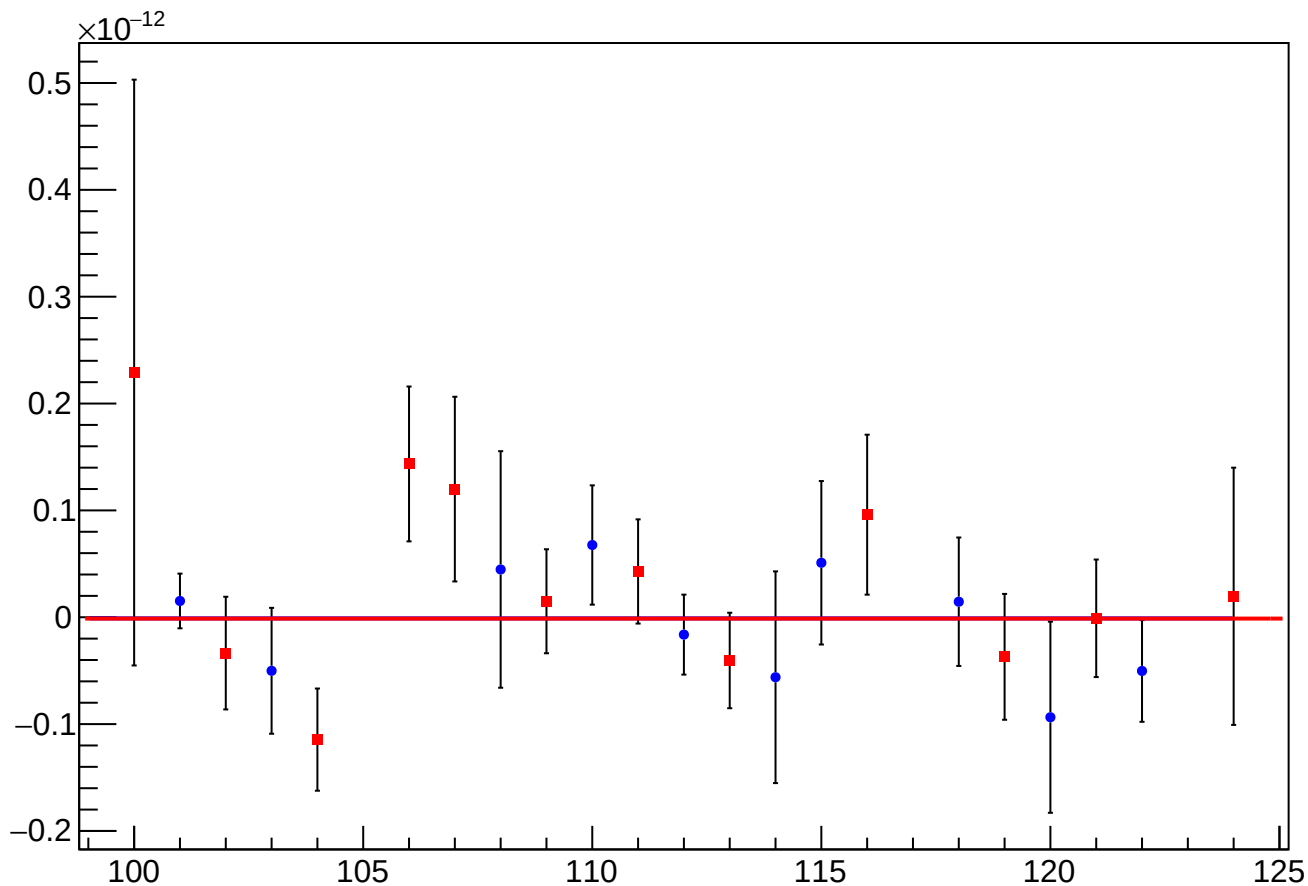
Right: 36.033+/-0.009 χ^2/NDF : 335294.3/21

In: 36.397+/-0.013 χ^2/NDF : 164303.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.033+/-0.009 χ^2/NDF : 335294.3/21

asym_sam_12345678_avg_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 : 16.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

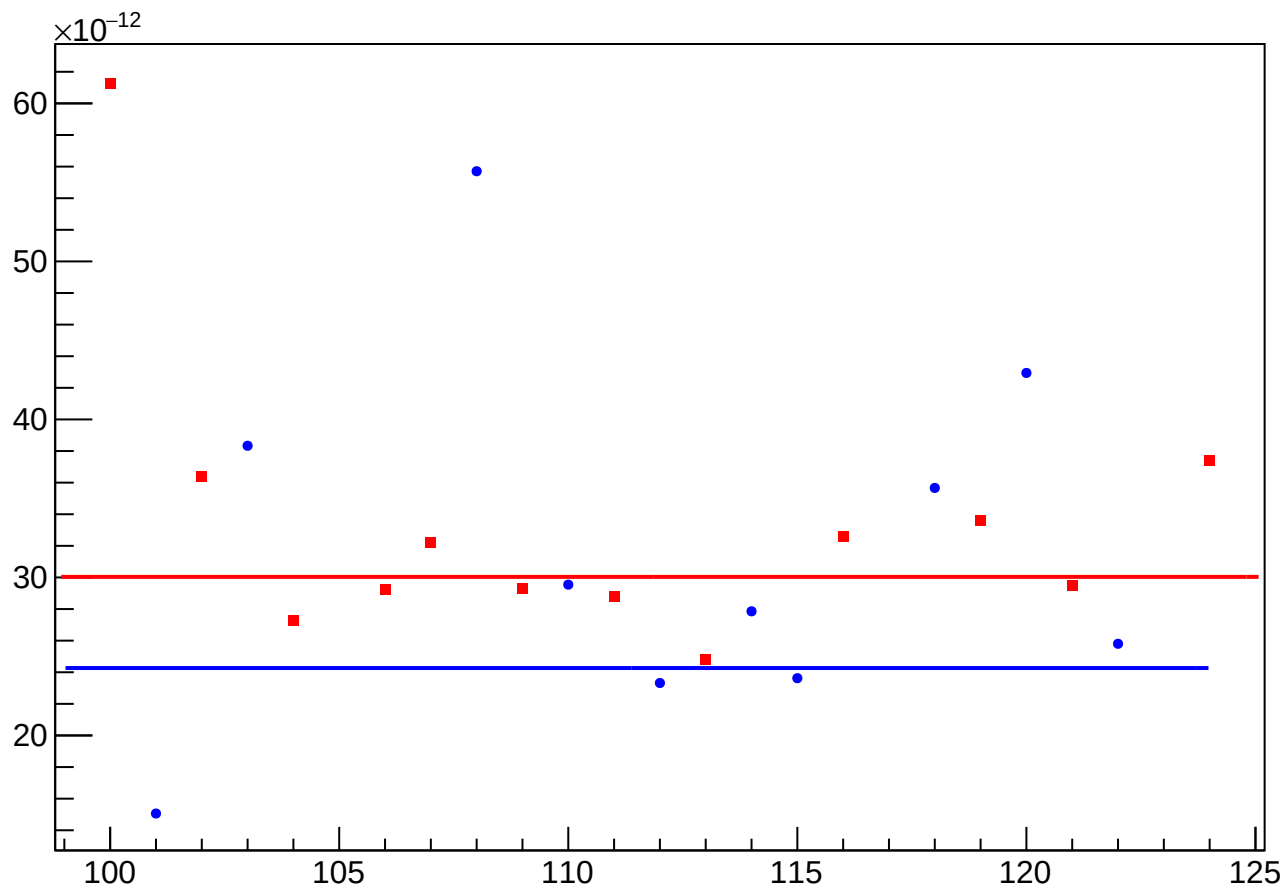
Right: -0.000+/-0.000 χ^2/NDF : 22.4/21

In: -0.000+/-0.000 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.4/21

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 717346.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 109178.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

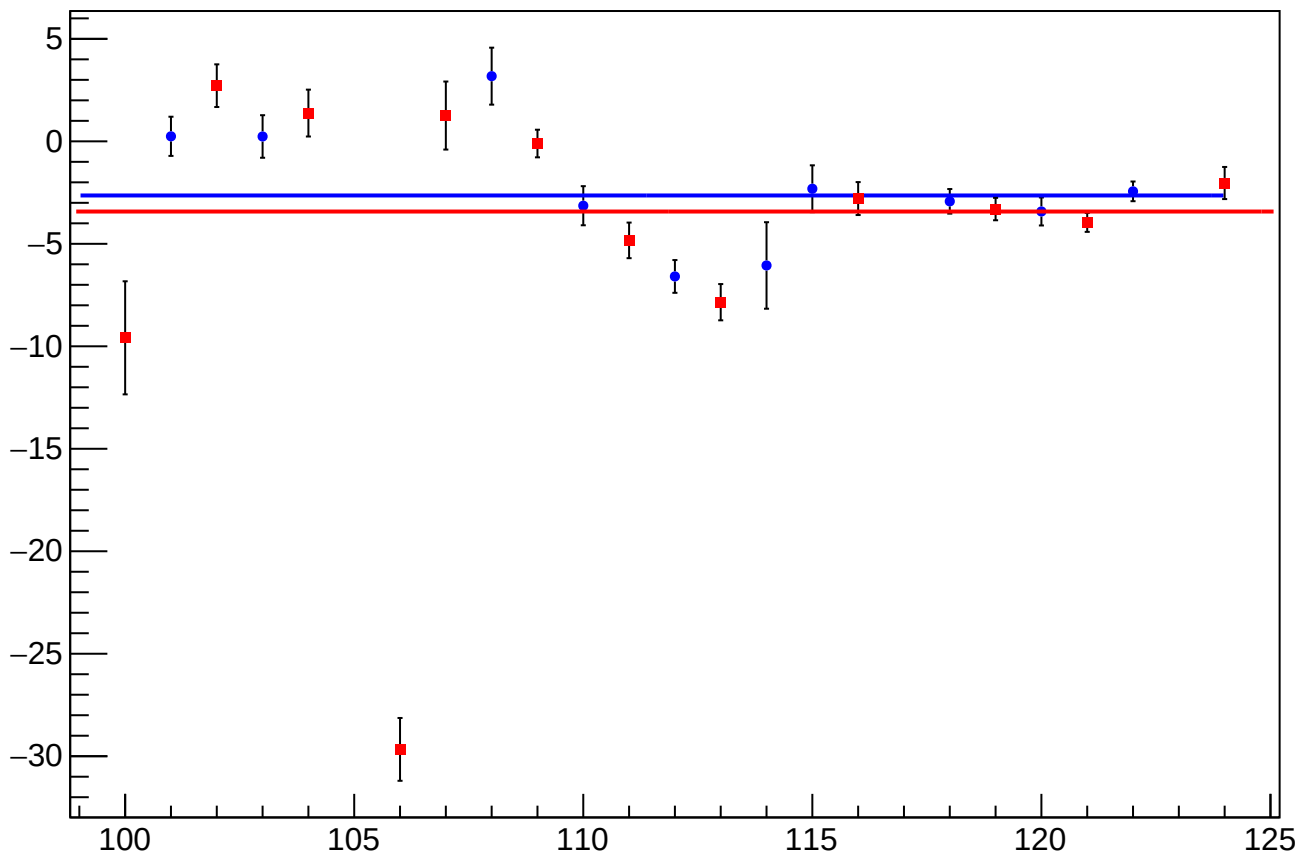
Right: 0.000+/-0.000 χ^2/NDF : 948427.2/21

In: 0.000+/-0.000 χ^2/NDF : 717346.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 948427.2/21

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.641 ± 0.254 χ^2/NDF : 63.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.425 ± 0.232 χ^2/NDF : 415.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

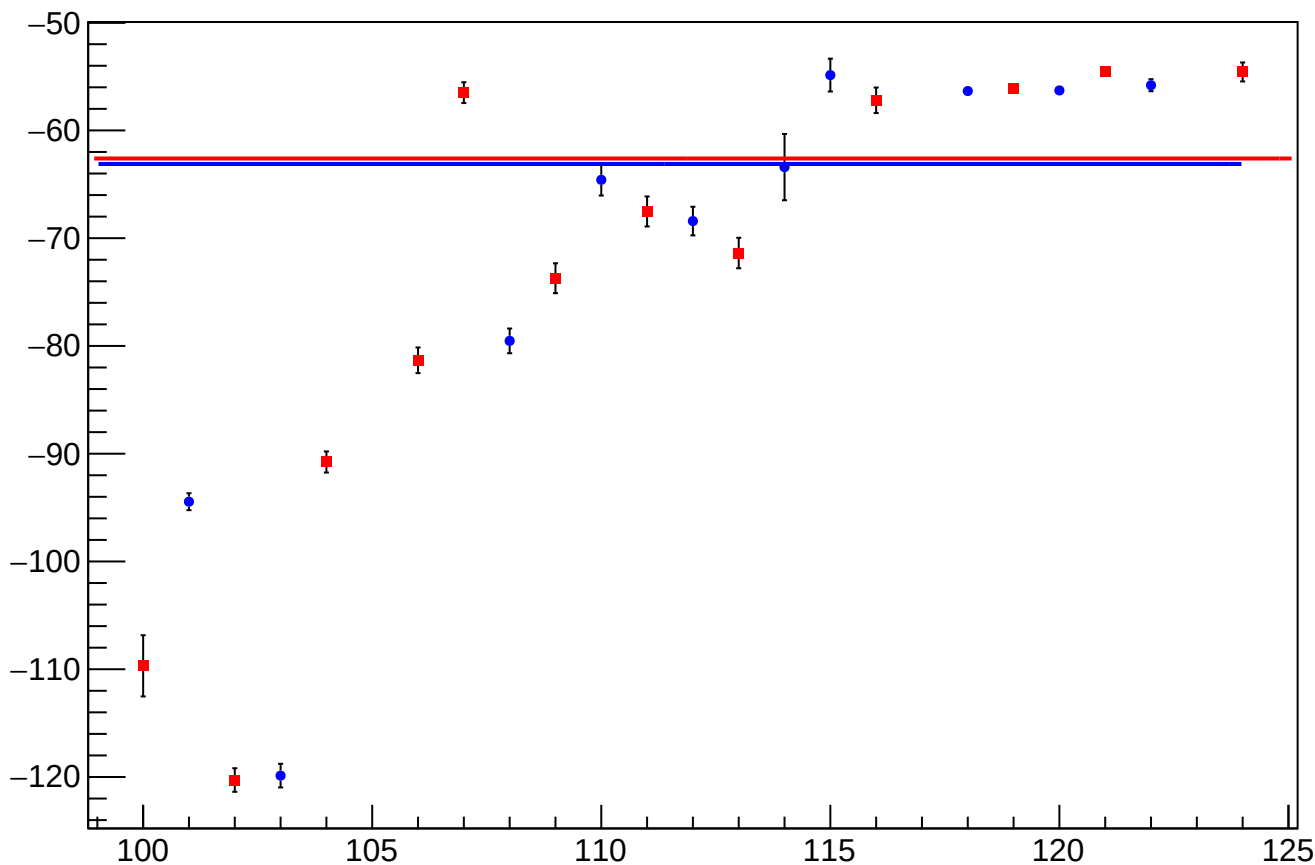
Right: -3.069 ± 0.171 χ^2/NDF : 484.3/21

In: -2.641 ± 0.254 χ^2/NDF : 63.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.069 ± 0.171 χ^2/NDF : 484.3/21

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -63.117 ± 0.219 χ^2/NDF : 5279.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -62.605 ± 0.224 χ^2/NDF : 5022.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

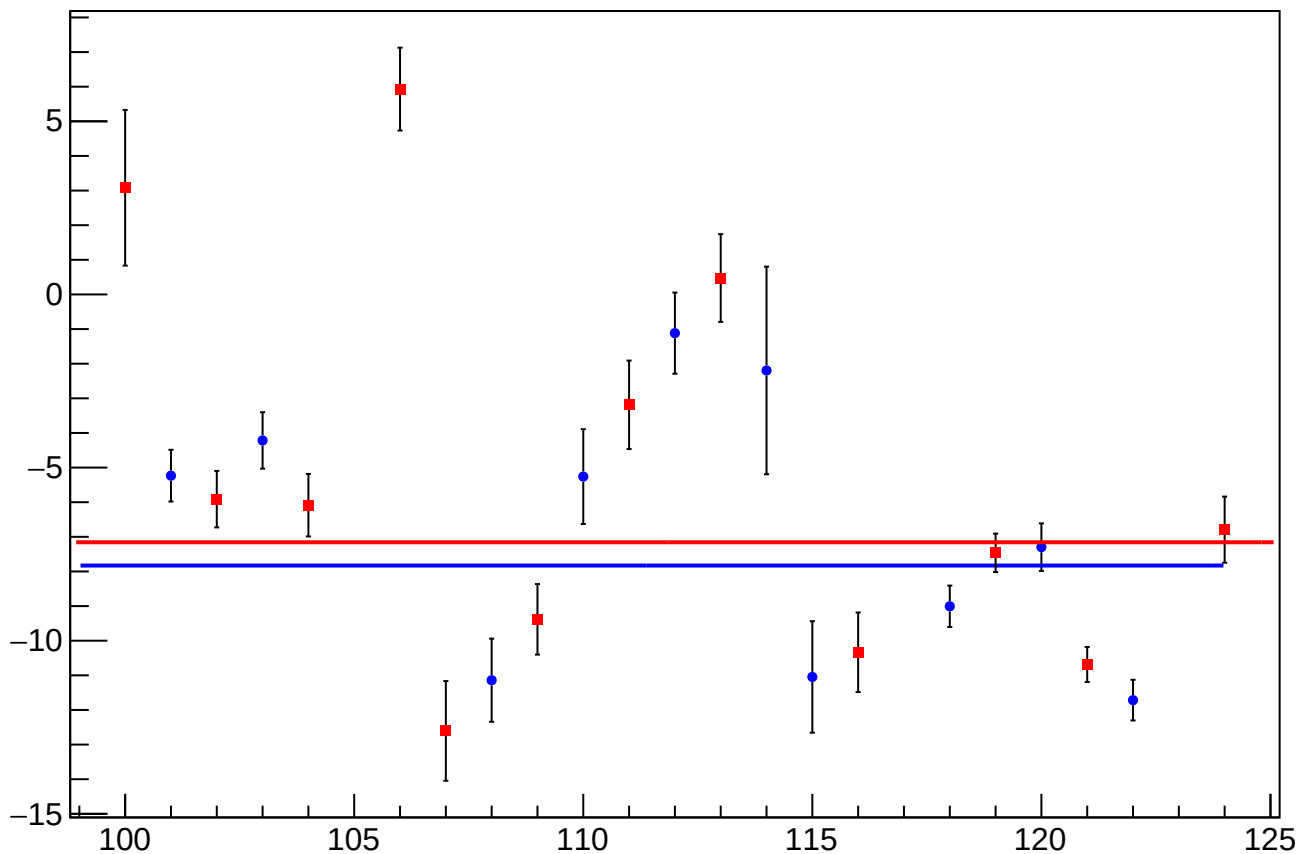
Right: -62.867 ± 0.157 χ^2/NDF : 10303.8/21

In: -63.117 ± 0.219 χ^2/NDF : 5279.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -62.867 ± 0.157 χ^2/NDF : 10303.8/21

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -7.829+/-0.271 χ^2/NDF : 131.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.157+/-0.256 χ^2/NDF : 265.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

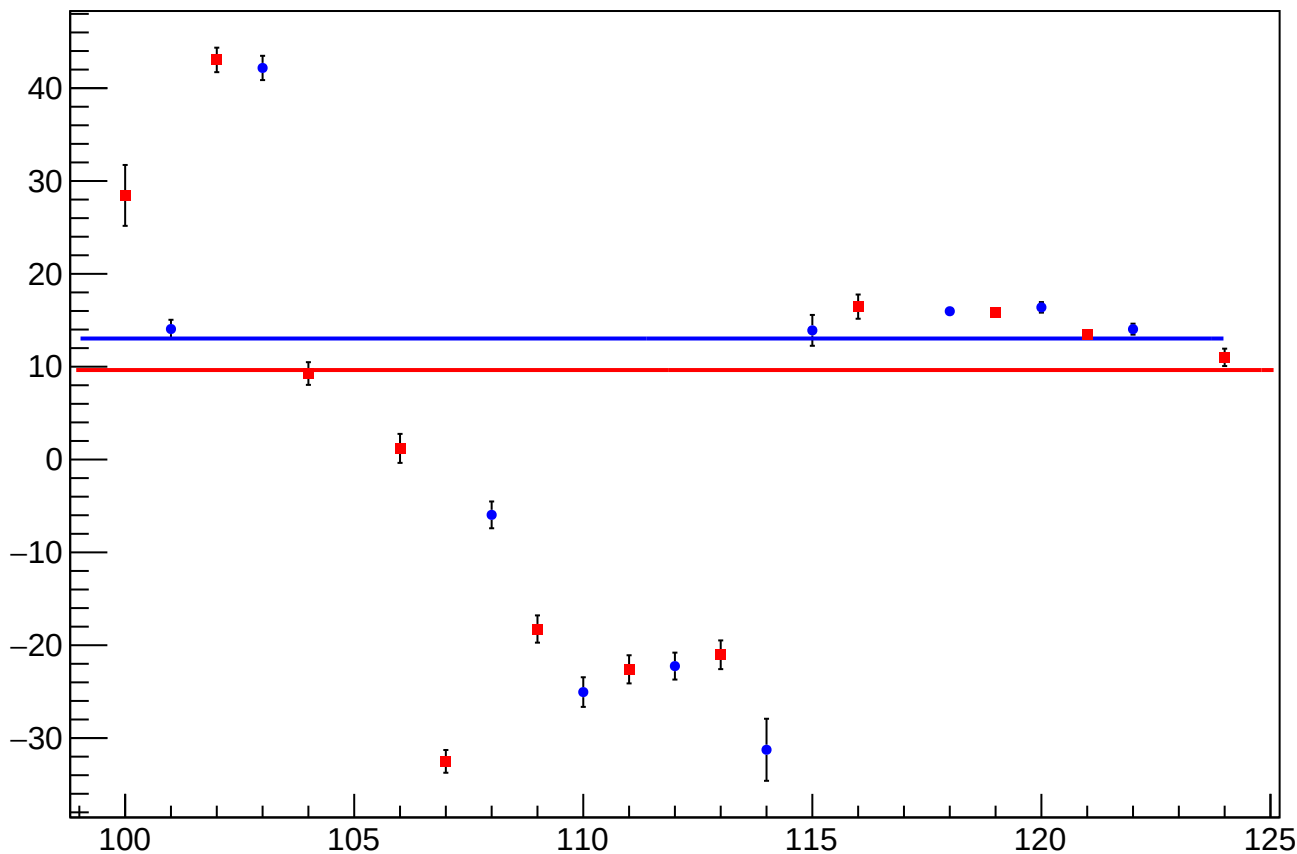
Right: -7.473+/-0.186 χ^2/NDF : 400.4/21

In: -7.829+/-0.271 χ^2/NDF : 131.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.473+/-0.186 χ^2/NDF : 400.4/21

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.035+/-0.269 χ^2/NDF : 2084.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.639+/-0.265 χ^2/NDF : 3365.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

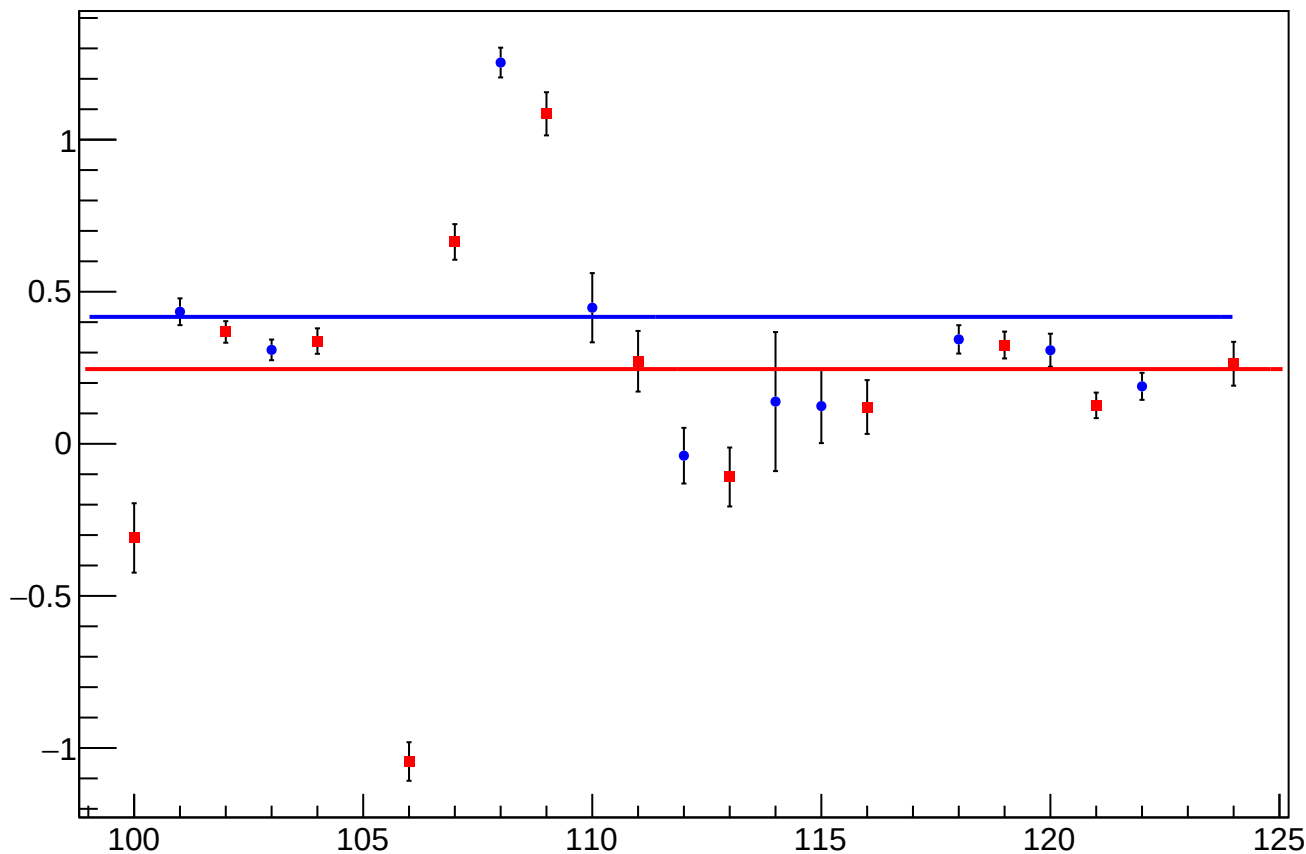
Right: 11.315+/-0.189 χ^2/NDF : 5531.1/21

In: 13.035+/-0.269 χ^2/NDF : 2084.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.315+/-0.189 χ^2/NDF : 5531.1/21

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.417 $\pm$ 0.017 χ^2 /NDF: 367.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.246 $\pm$ 0.016 χ^2 /NDF: 672.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

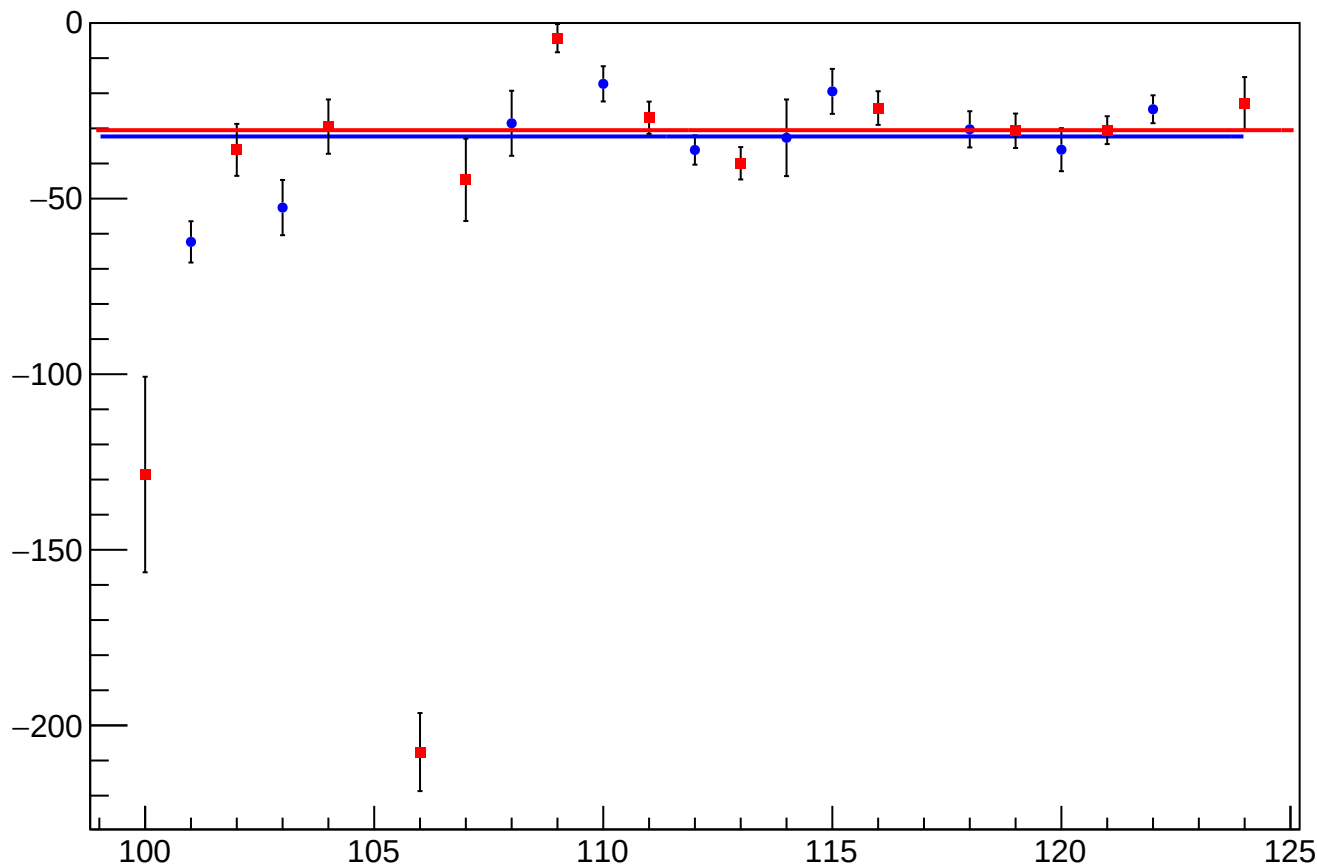
Right: 0.327 $\pm$ 0.012 χ^2 /NDF: 1092.5/21

In: 0.417 $\pm$ 0.017 χ^2 /NDF:367.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.327 $\pm$ 0.012 χ^2 /NDF: 1092.5/21

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.303+/-1.784 χ^2/NDF : 51.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.517+/-1.634 χ^2/NDF : 318.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

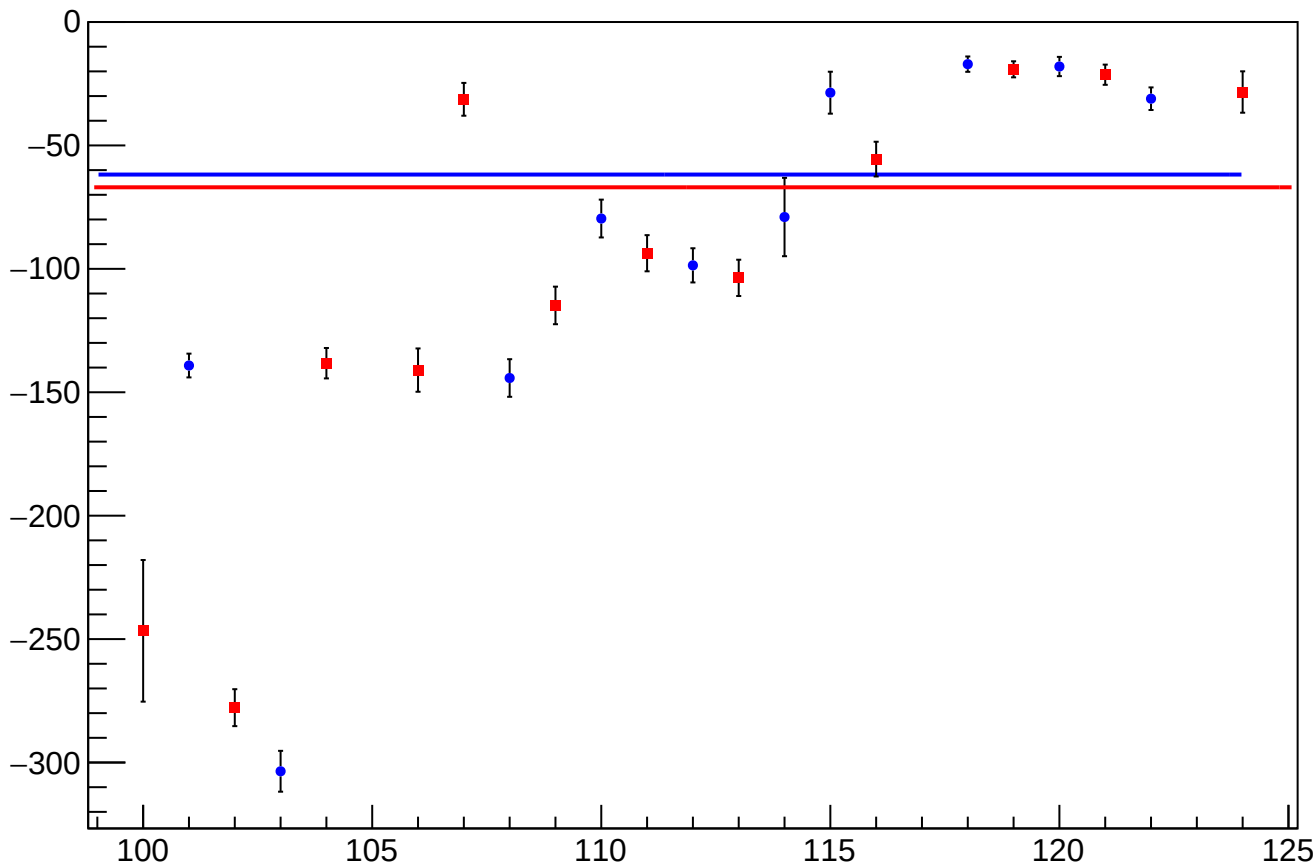
Right: -31.331+/-1.205 χ^2/NDF : 370.0/21

In: -32.303+/-1.784 χ^2/NDF : 51.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.331+/-1.205 χ^2/NDF : 370.0/21

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -61.800+/-1.696 χ^2/NDF : 1656.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -66.962+/-1.757 χ^2/NDF : 1508.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

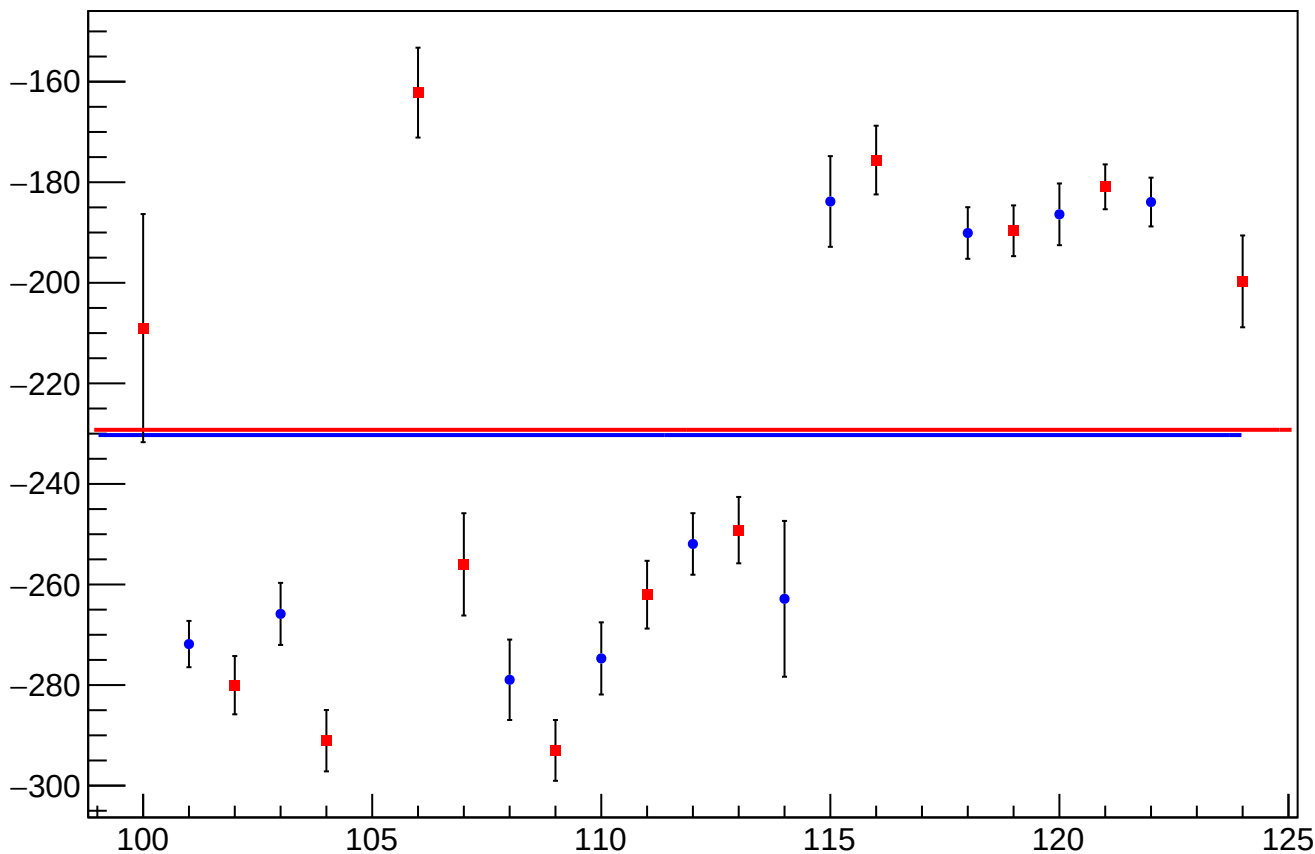
Right: -64.291+/-1.220 χ^2/NDF : 3169.1/21

In: -61.800+/-1.696 χ^2/NDF :1656.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -64.291+/-1.220 χ^2/NDF : 3169.1/21

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -230.281+/-1.966 χ^2 /NDF: 437.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -229.235+/-1.903 χ^2 /NDF: 638.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

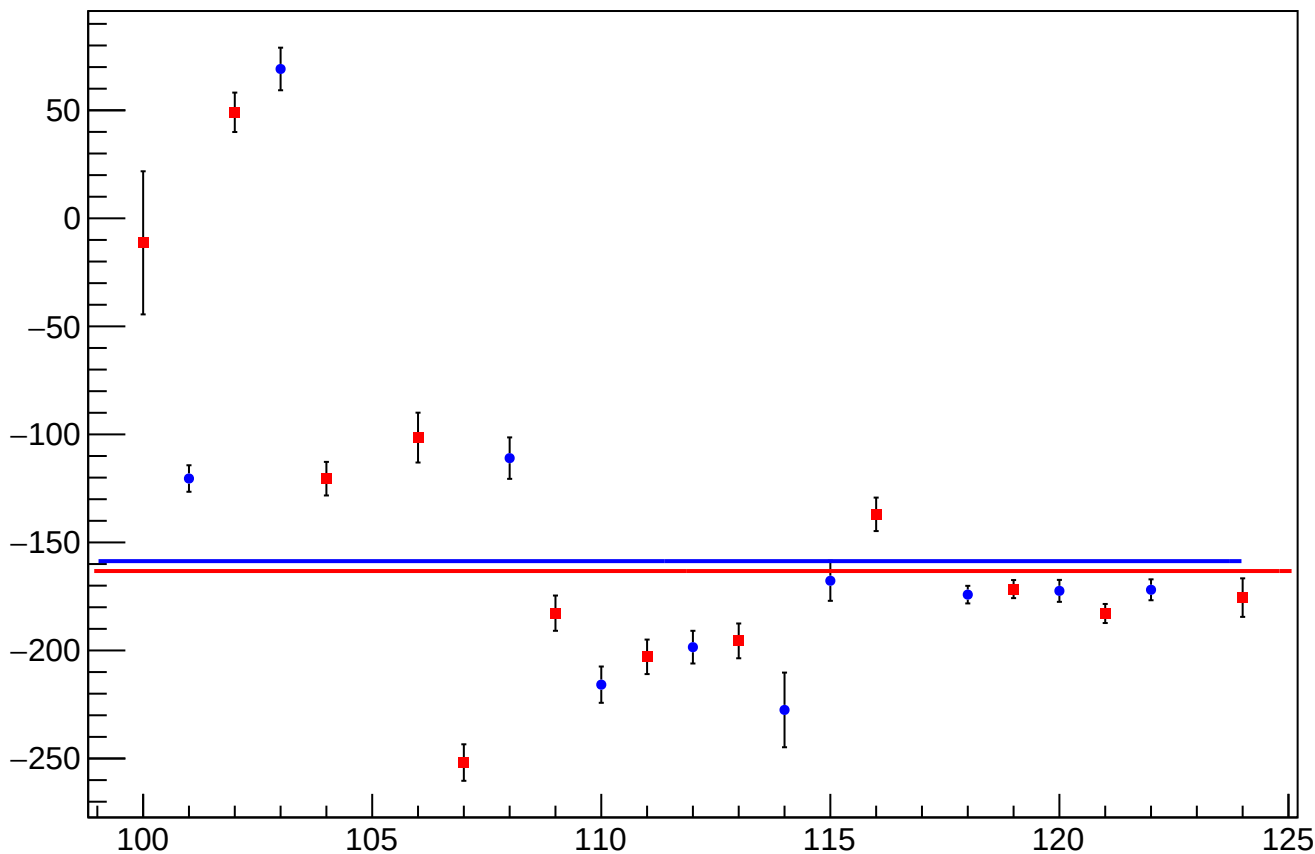
Right: -229.741+/-1.368 χ^2 /NDF: 1076.1/21

In: -230.281+/-1.966 χ^2 /NDF:437.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -229.741+/-1.368 χ^2 /NDF: 1076.1/21

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -158.658+/-2.058 χ^2/NDF : 717.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -163.240+/-2.063 χ^2/NDF : 815.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

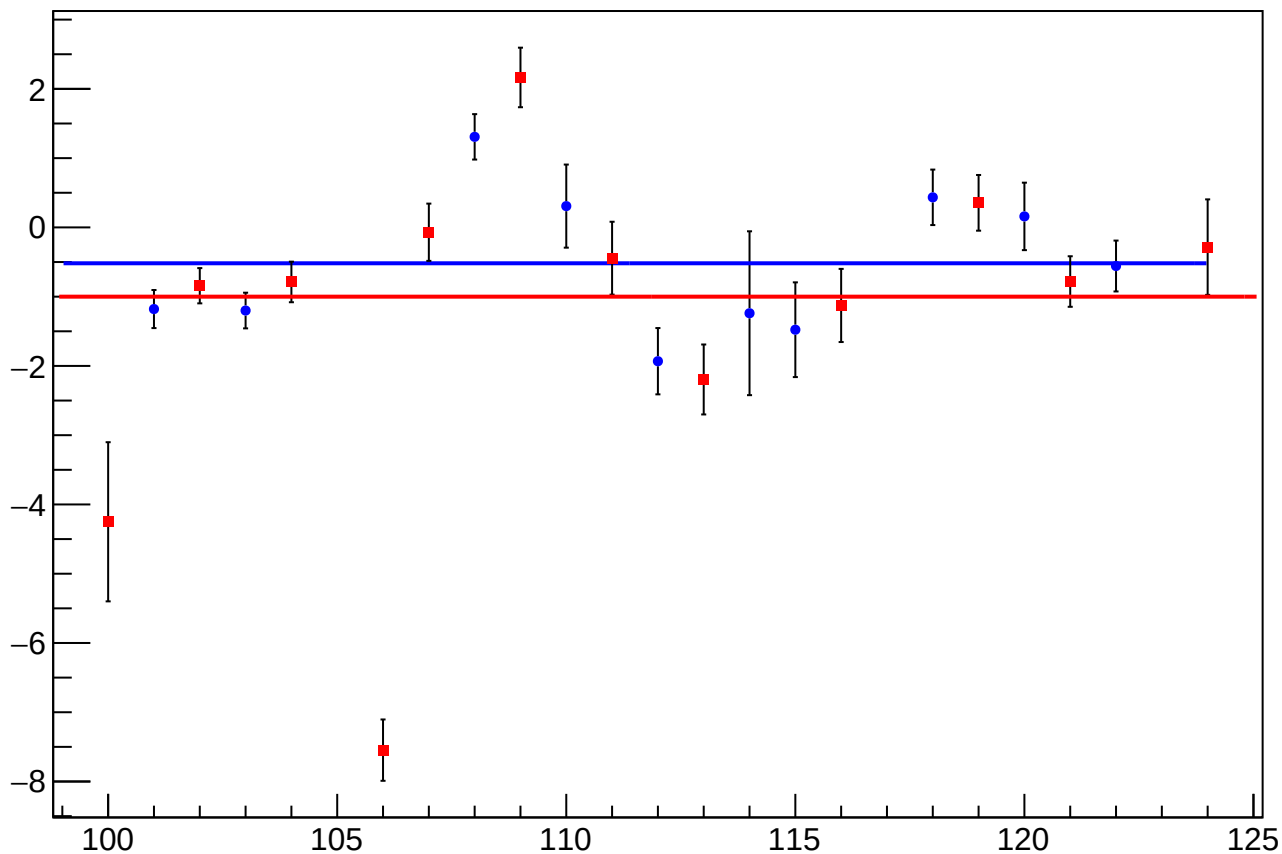
Right: -160.943+/-1.457 χ^2/NDF : 1535.9/21

In: -158.658+/-2.058 χ^2/NDF : 717.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.943+/-1.457 χ^2/NDF : 1535.9/21

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.518 ± 0.124 χ^2/NDF : 64.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.000 ± 0.119 χ^2/NDF : 306.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

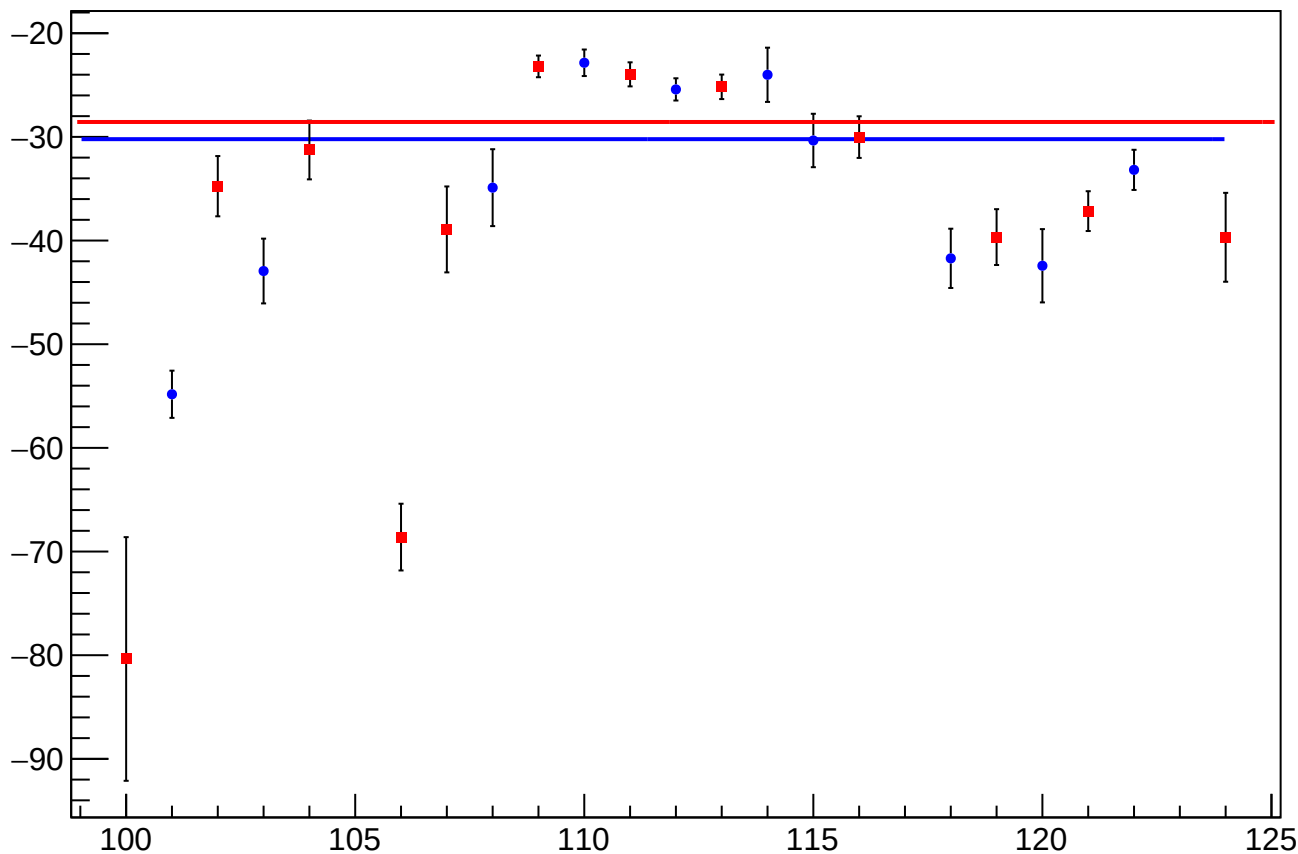
Right: -0.769 ± 0.086 χ^2/NDF : 378.7/21

In: -0.518 ± 0.124 χ^2/NDF : 64.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.769 ± 0.086 χ^2/NDF : 378.7/21

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.219 ± 0.619 χ^2/NDF : 224.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.562 ± 0.535 χ^2/NDF : 280.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

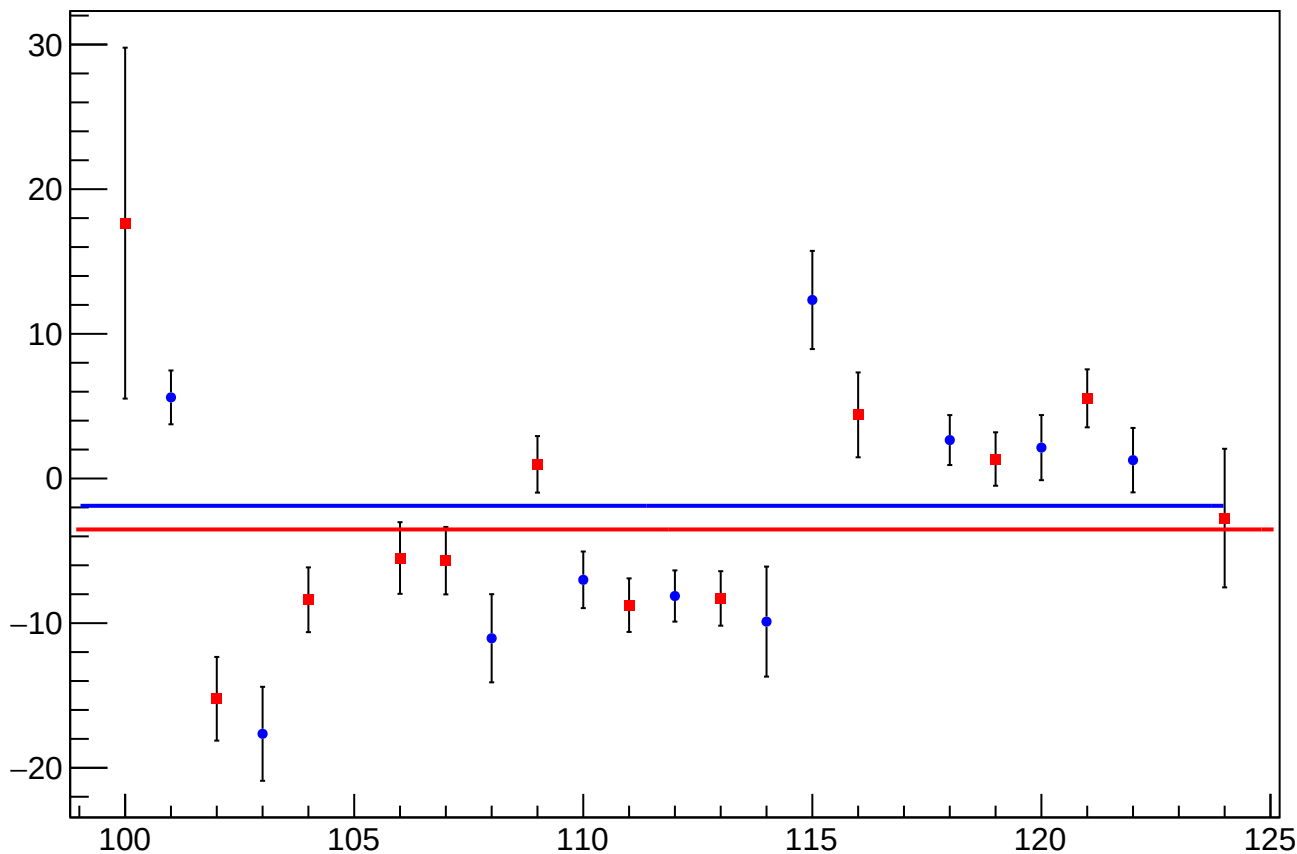
Right: -29.272 ± 0.405 χ^2/NDF : 508.7/21

In: -30.219 ± 0.619 χ^2/NDF : 224.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.272 ± 0.405 χ^2/NDF : 508.7/21

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.888+/-0.714 χ^2/NDF : 102.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.523+/-0.673 χ^2/NDF : 80.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

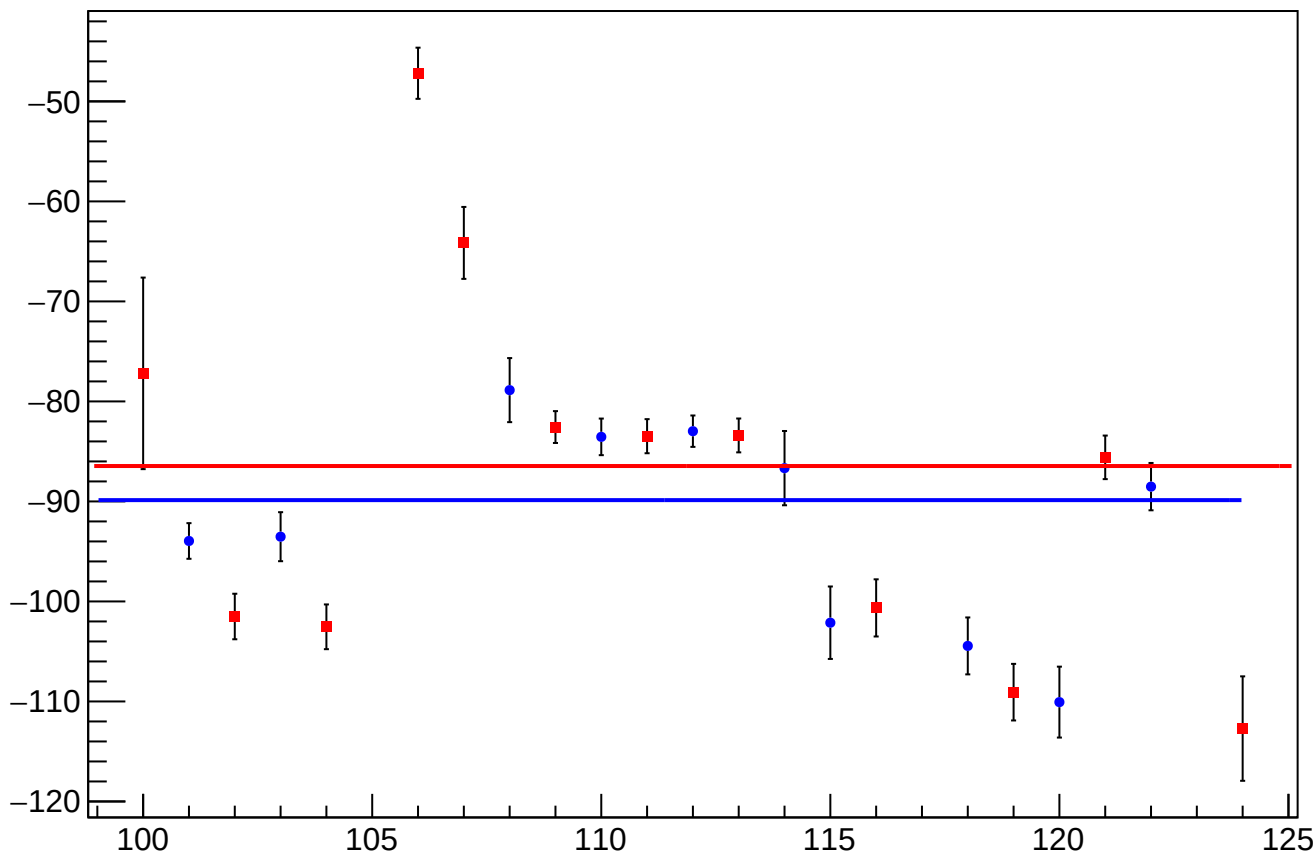
Right: -2.754+/-0.490 χ^2/NDF : 185.0/21

In: -1.888+/-0.714 χ^2/NDF :102.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.754+/-0.490 χ^2/NDF : 185.0/21

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -89.870+/-0.742 χ^2/NDF : 121.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.460+/-0.672 χ^2/NDF : 496.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

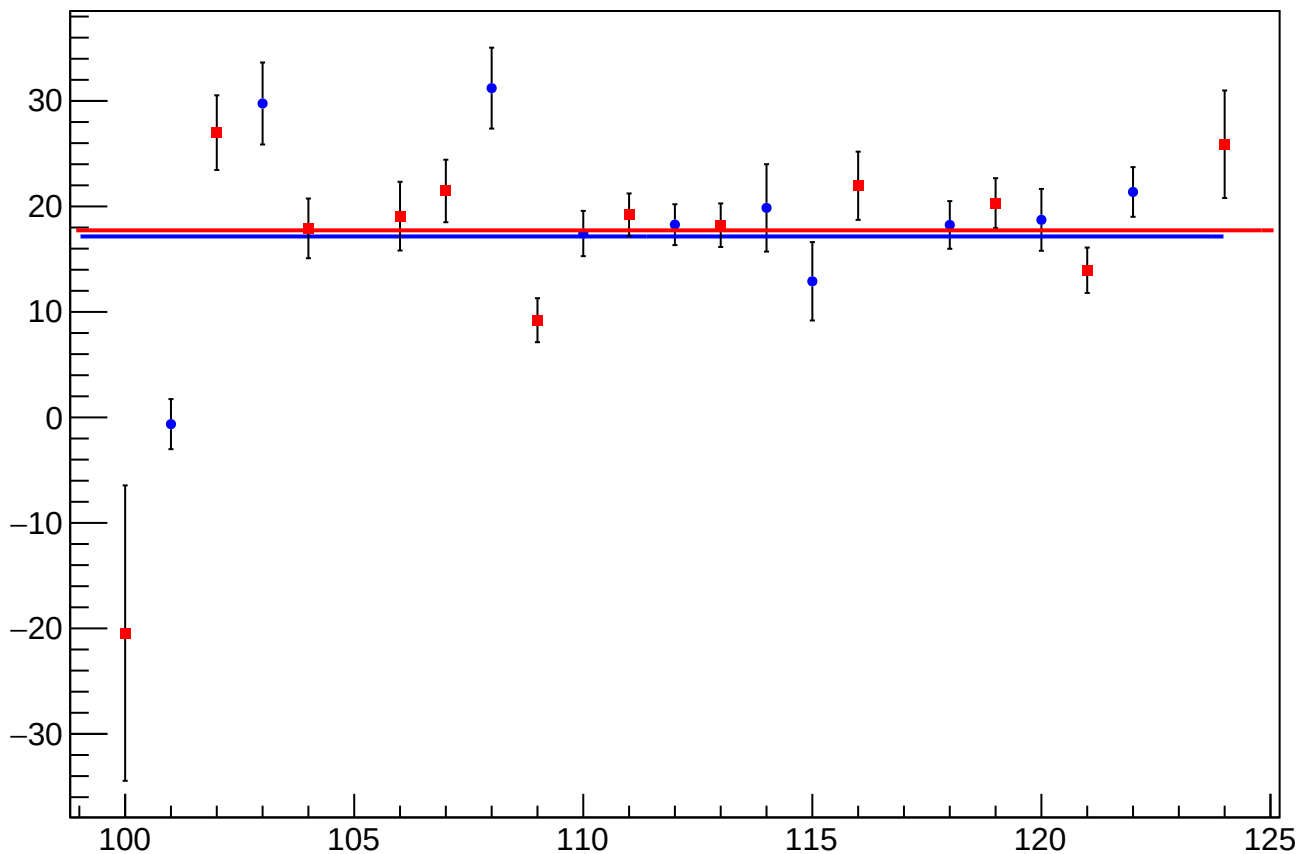
Right: -87.995+/-0.498 χ^2/NDF : 630.0/21

In: -89.870+/-0.742 χ^2/NDF : 121.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.995+/-0.498 χ^2/NDF : 630.0/21

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.153 $\pm$ 0.839 χ^2 /NDF: 85.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.735 $\pm$ 0.777 χ^2 /NDF: 41.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

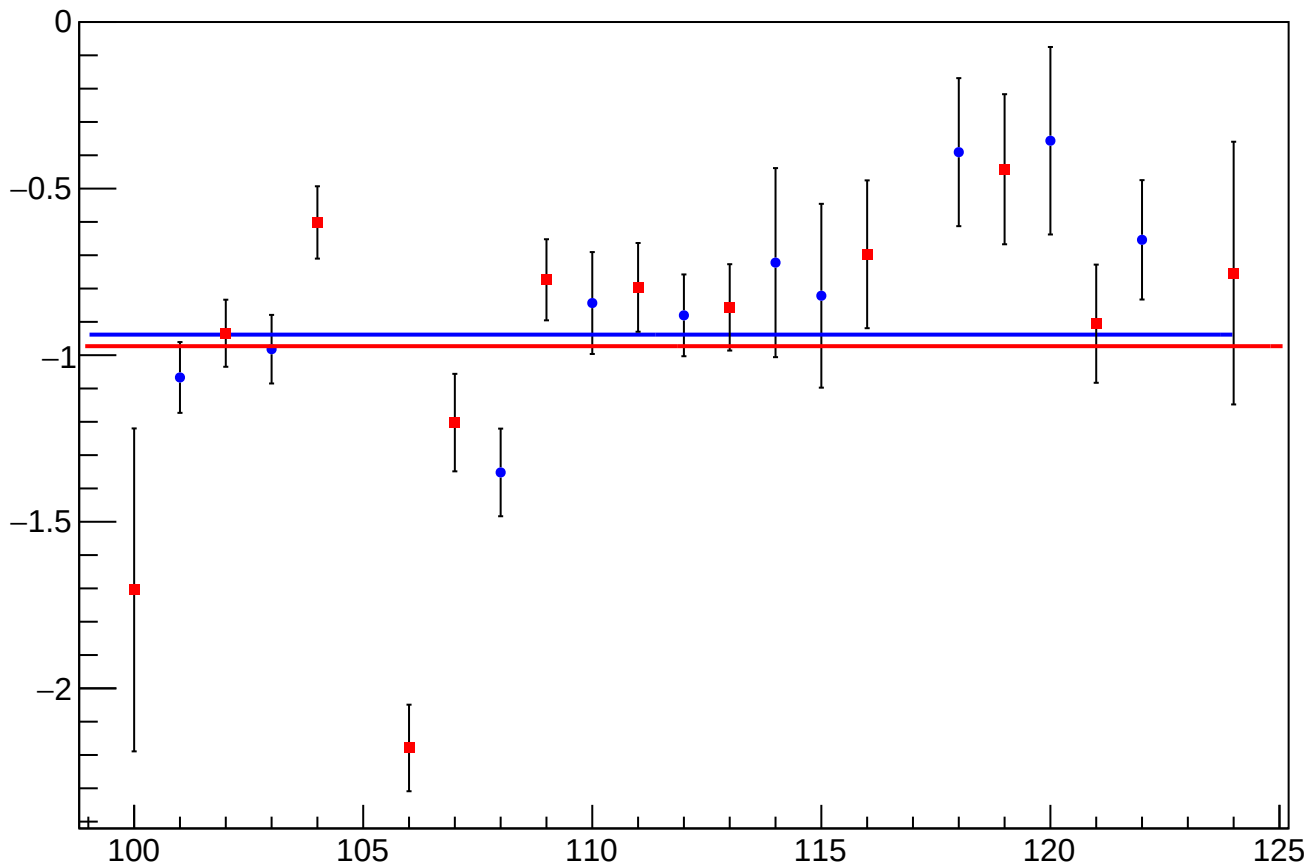
Right: 17.466 $\pm$ 0.570 χ^2 /NDF: 128.0/21

In: 17.153 $\pm$ 0.839 χ^2 /NDF:85.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.466 $\pm$ 0.570 χ^2 /NDF: 128.0/21

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.938 ± 0.048 χ^2/NDF : 25.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.973 ± 0.042 χ^2/NDF : 115.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

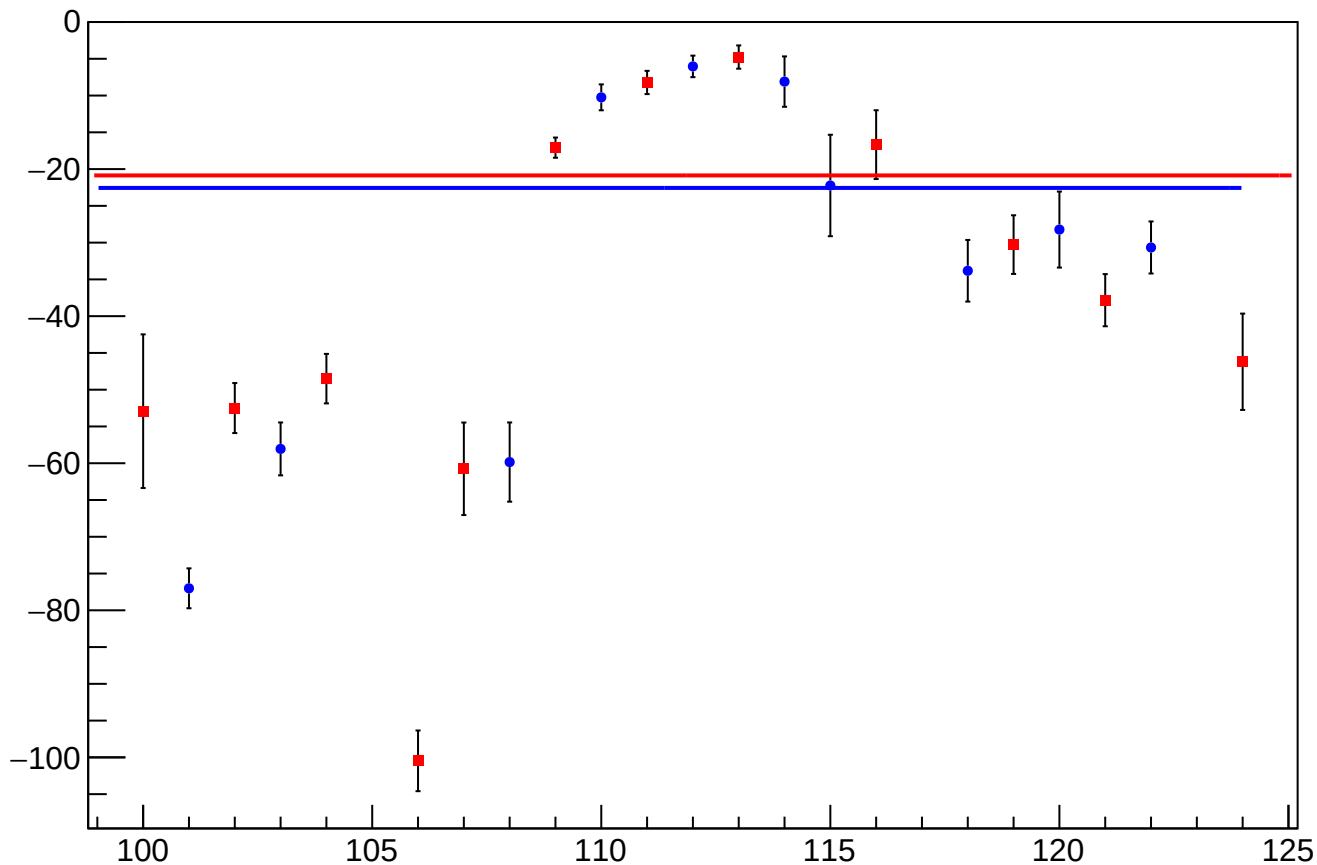
Right: -0.958 ± 0.032 χ^2/NDF : 141.7/21

In: -0.938 ± 0.048 χ^2/NDF : 25.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.958 ± 0.032 χ^2/NDF : 141.7/21

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.561+/-0.871 χ^2/NDF : 755.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.862+/-0.743 χ^2/NDF : 795.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

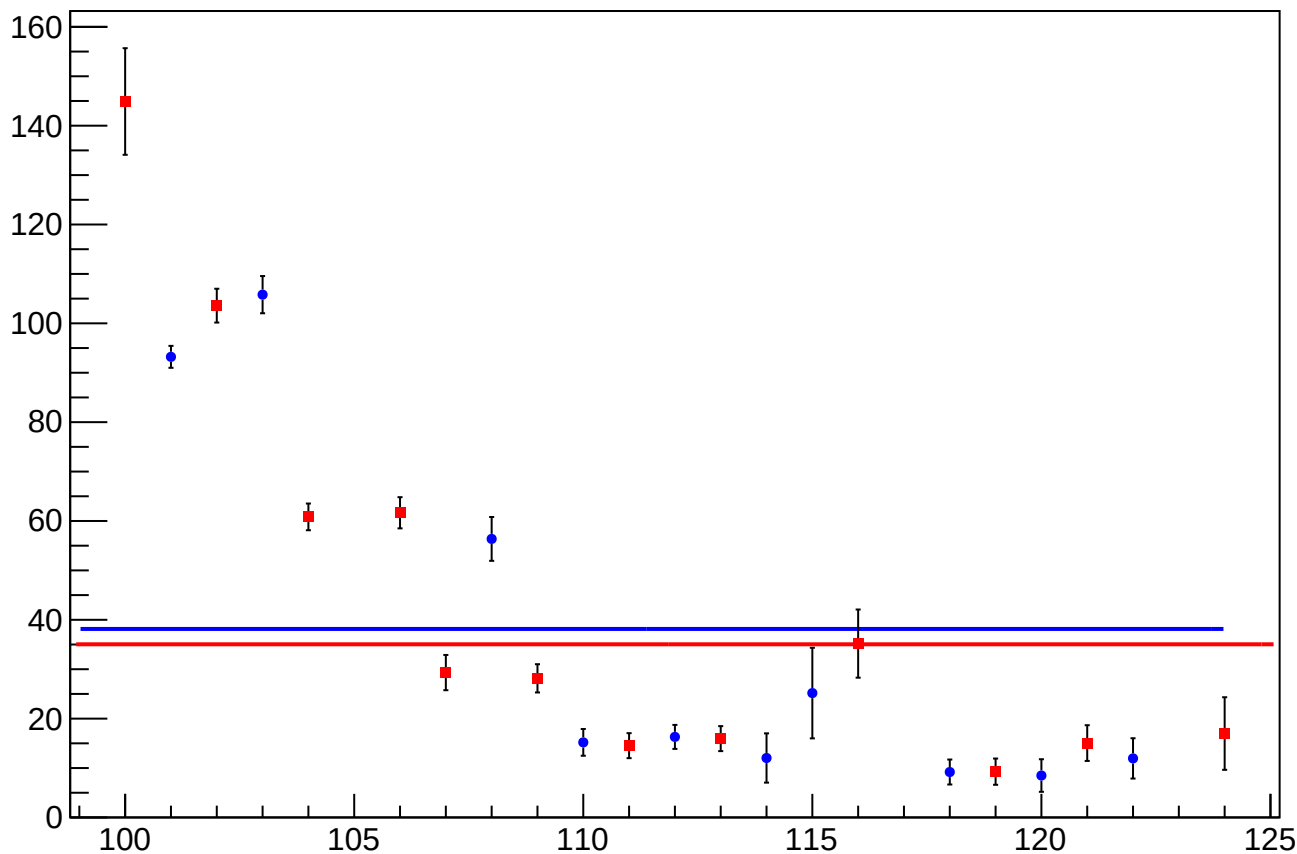
Right: -21.578+/-0.566 χ^2/NDF : 1553.0/21

In: -22.561+/-0.871 χ^2/NDF : 755.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.578+/-0.566 χ^2/NDF : 1553.0/21

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 38.150+/-1.004 χ^2/NDF : 1391.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.044+/-0.952 χ^2/NDF : 929.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

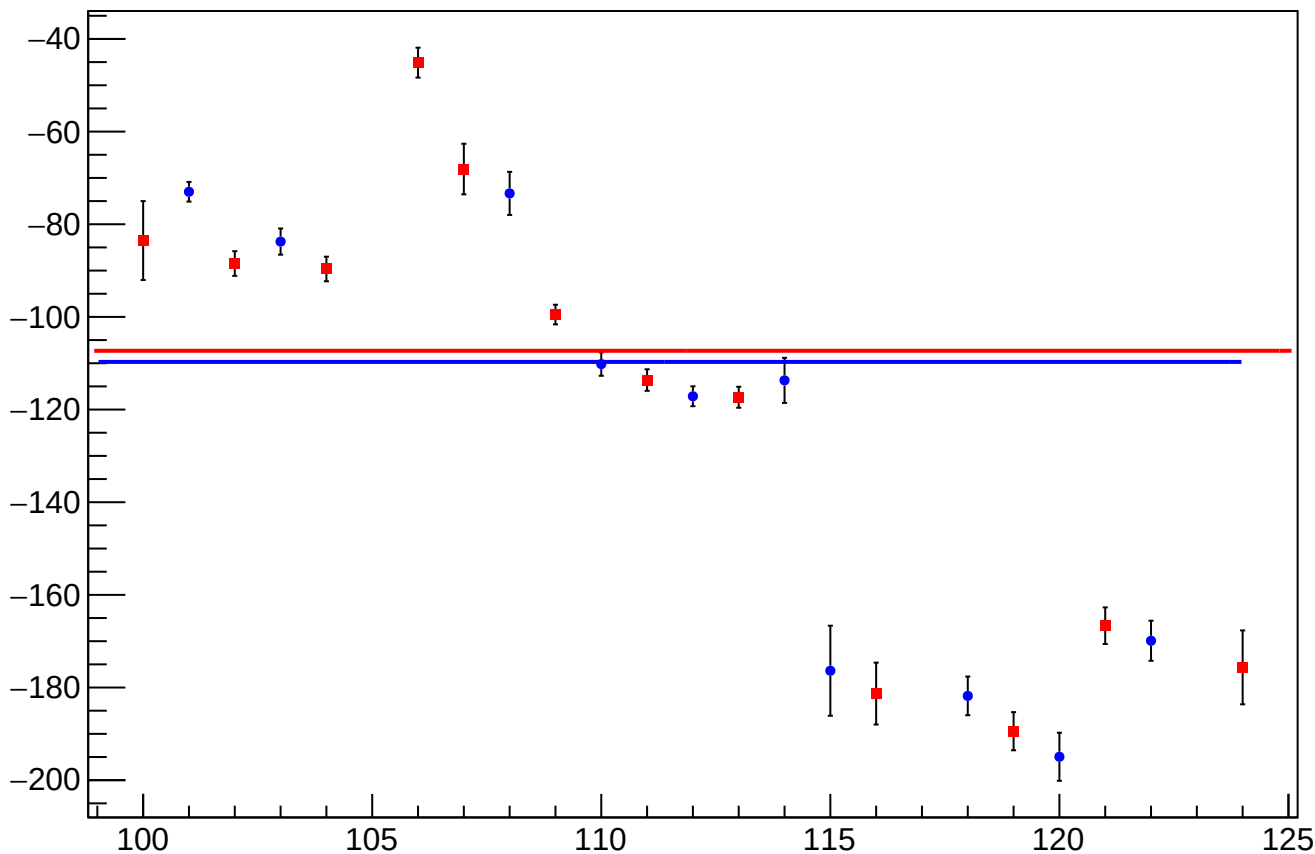
Right: 36.514+/-0.691 χ^2/NDF : 2325.3/21

In: 38.150+/-1.004 χ^2/NDF : 1391.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.514+/-0.691 χ^2/NDF : 2325.3/21

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -109.712+/-1.016 χ^2/NDF : 1267.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -107.311+/-0.917 χ^2/NDF : 1385.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

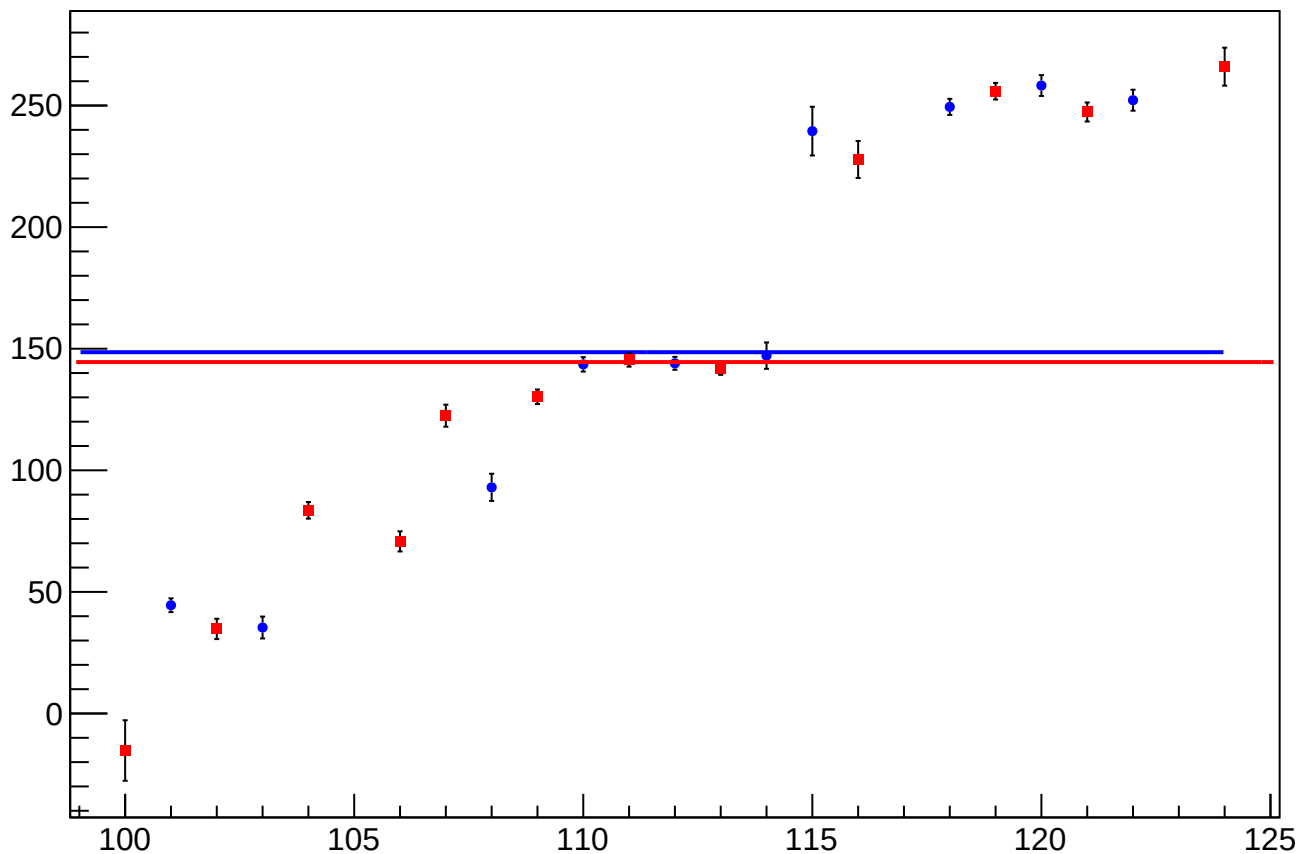
Right: -108.389+/-0.681 χ^2/NDF : 2655.6/21

In: -109.712+/-1.016 χ^2/NDF :1267.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -108.389+/-0.681 χ^2/NDF : 2655.6/21

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 148.570+/-1.190 χ^2/NDF : 4336.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.506+/-1.107 χ^2/NDF : 3659.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

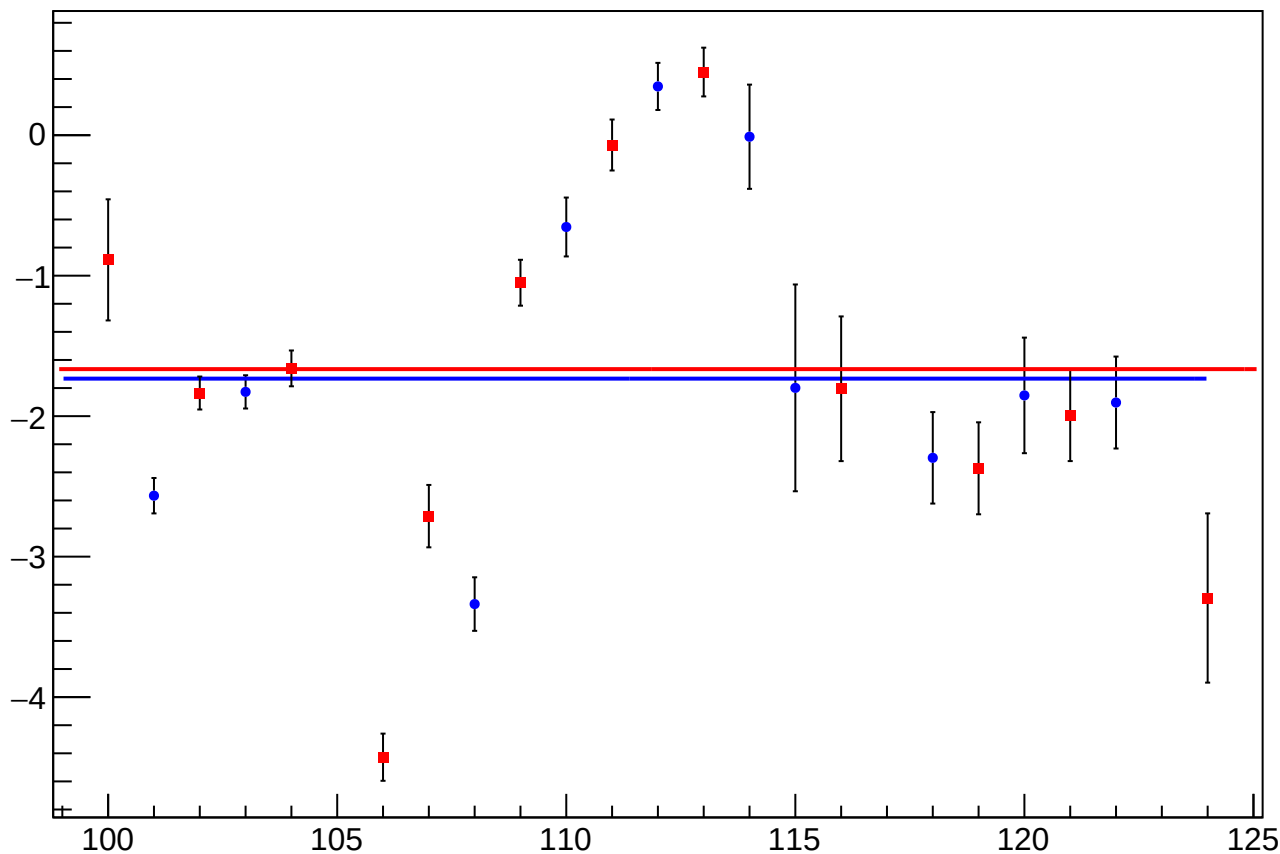
Right: 146.391+/-0.810 χ^2/NDF : 8002.0/21

In: 148.570+/-1.190 χ^2/NDF : 4336.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.391+/-0.810 χ^2/NDF : 8002.0/21

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.733+/-0.063 χ^2/NDF : 320.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.665+/-0.056 χ^2/NDF : 551.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

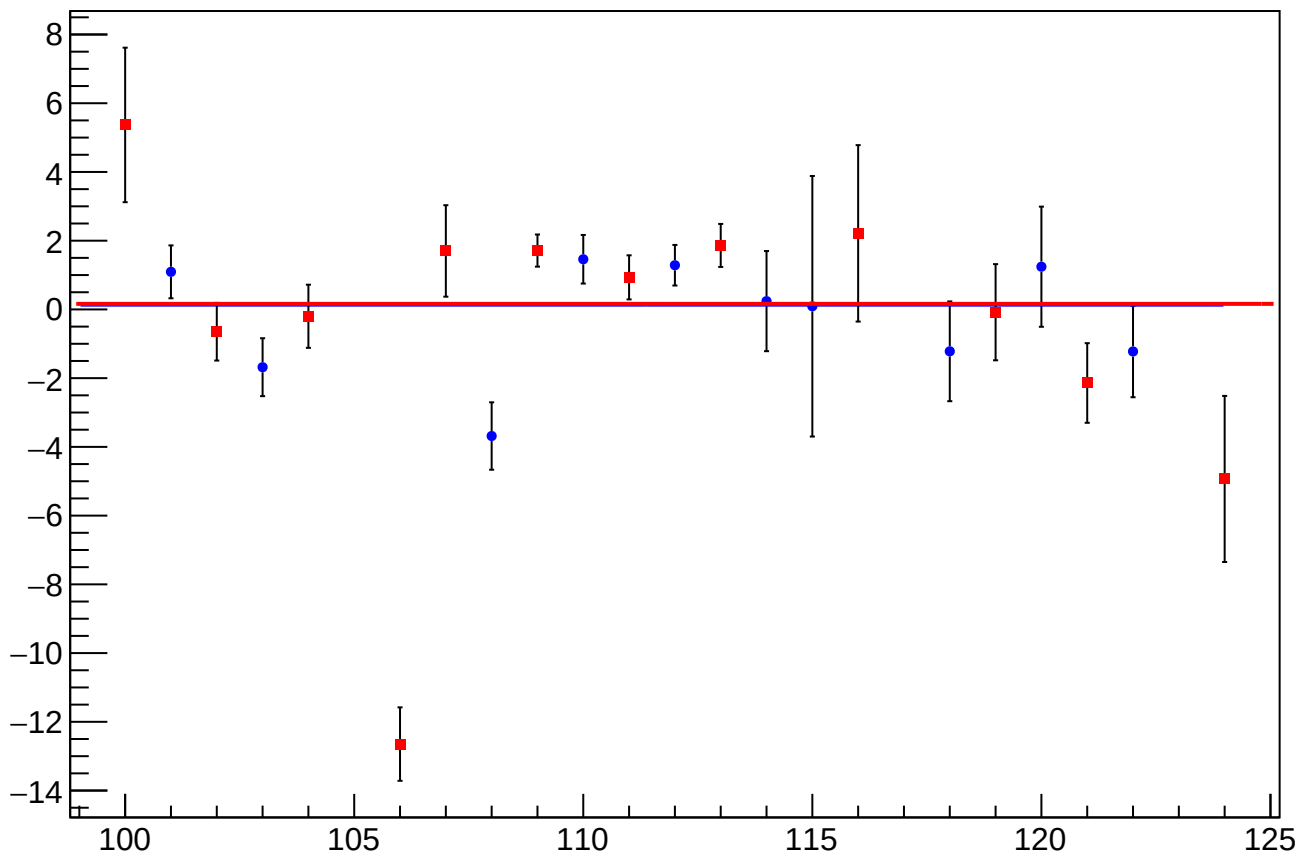
Right: -1.695+/-0.042 χ^2/NDF : 872.6/21

In: -1.733+/-0.063 χ^2/NDF : 320.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.695+/-0.042 χ^2/NDF : 872.6/21

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.139+/-0.303 χ^2/NDF : 31.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.162+/-0.255 χ^2/NDF : 180.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

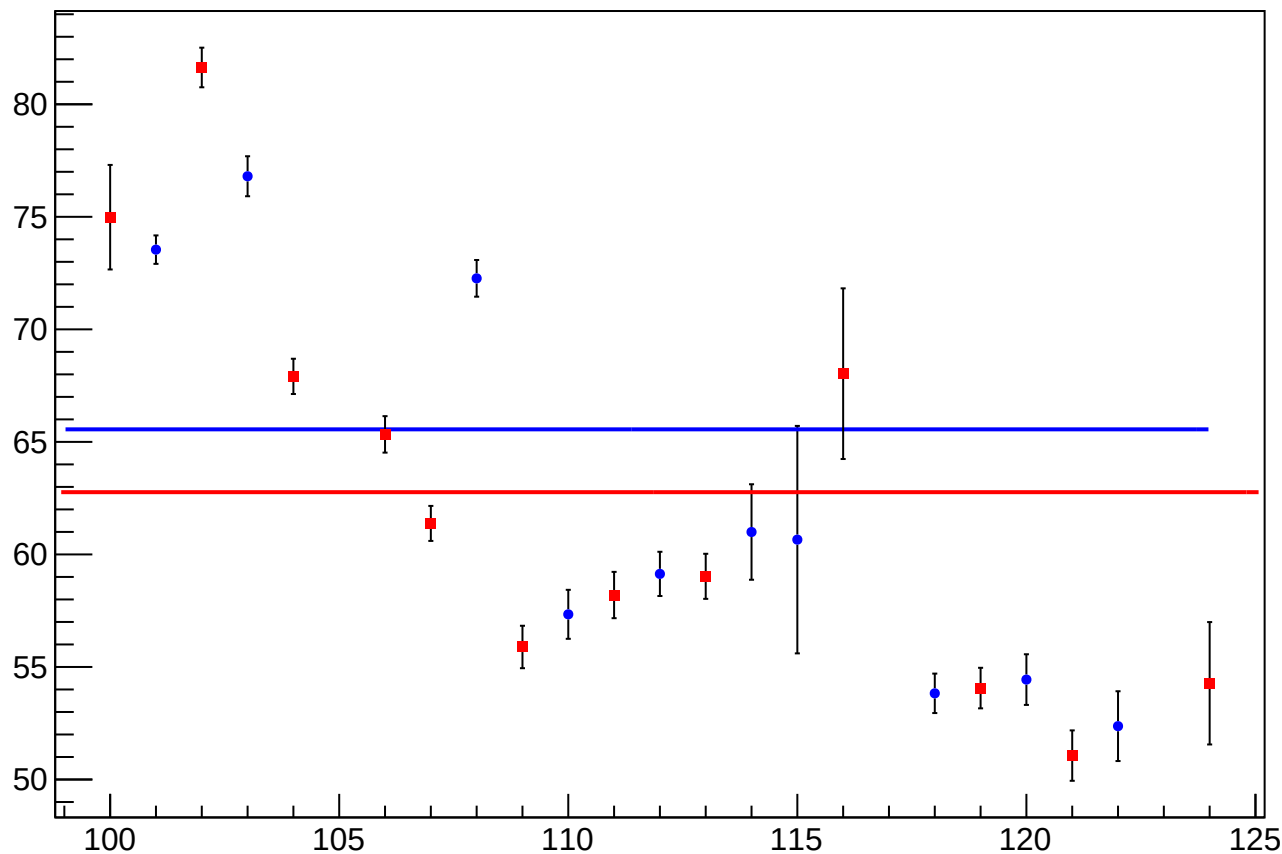
Right: 0.153+/-0.195 χ^2/NDF : 211.4/21

In: 0.139+/-0.303 χ^2/NDF : 31.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.153+/-0.195 χ^2/NDF : 211.4/21

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 65.557+/-0.317 χ^2/NDF : 841.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.766+/-0.294 χ^2/NDF : 844.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

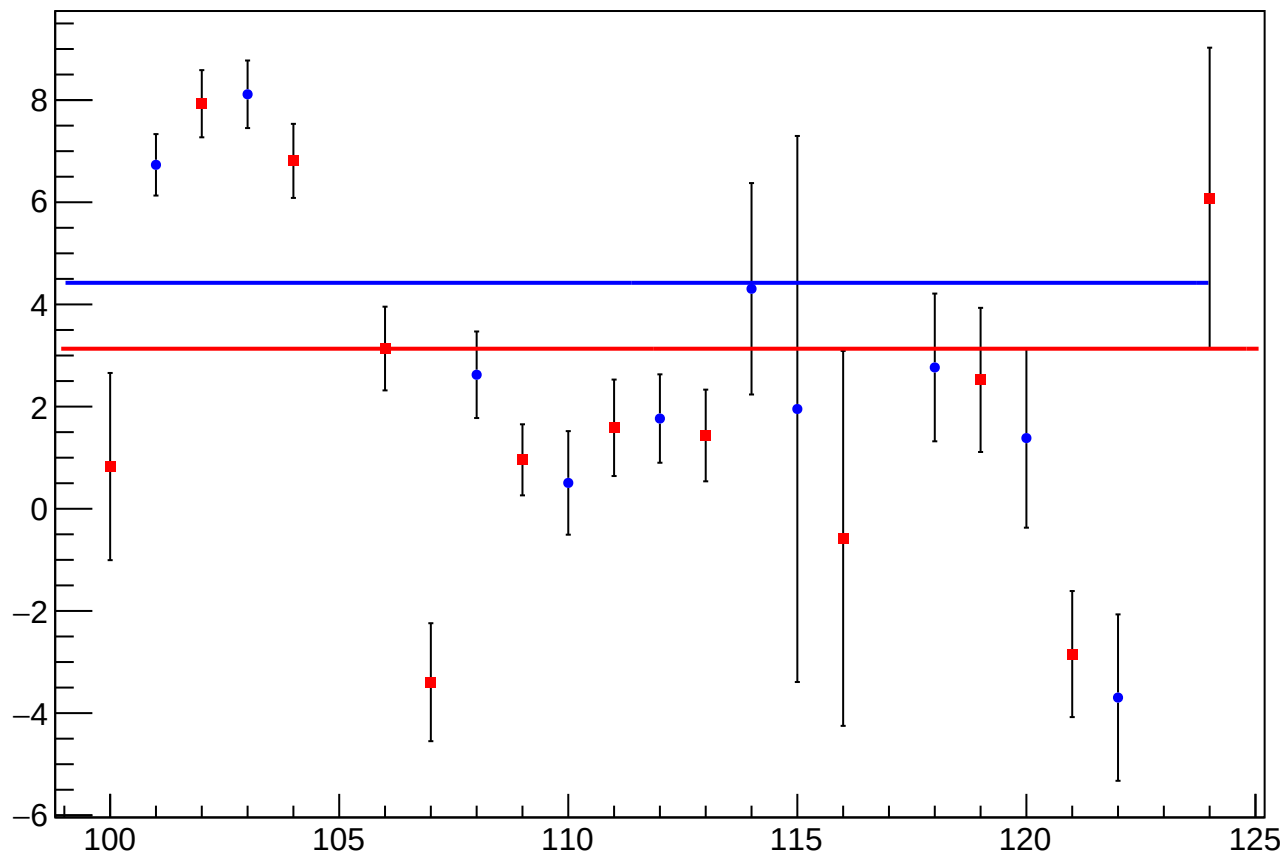
Right: 64.054+/-0.216 χ^2/NDF : 1728.2/21

In: 65.557+/-0.317 χ^2/NDF : 841.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.054+/-0.216 χ^2/NDF : 1728.2/21

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.423+/-0.313 χ^2/NDF : 104.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.133+/-0.282 χ^2/NDF : 154.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

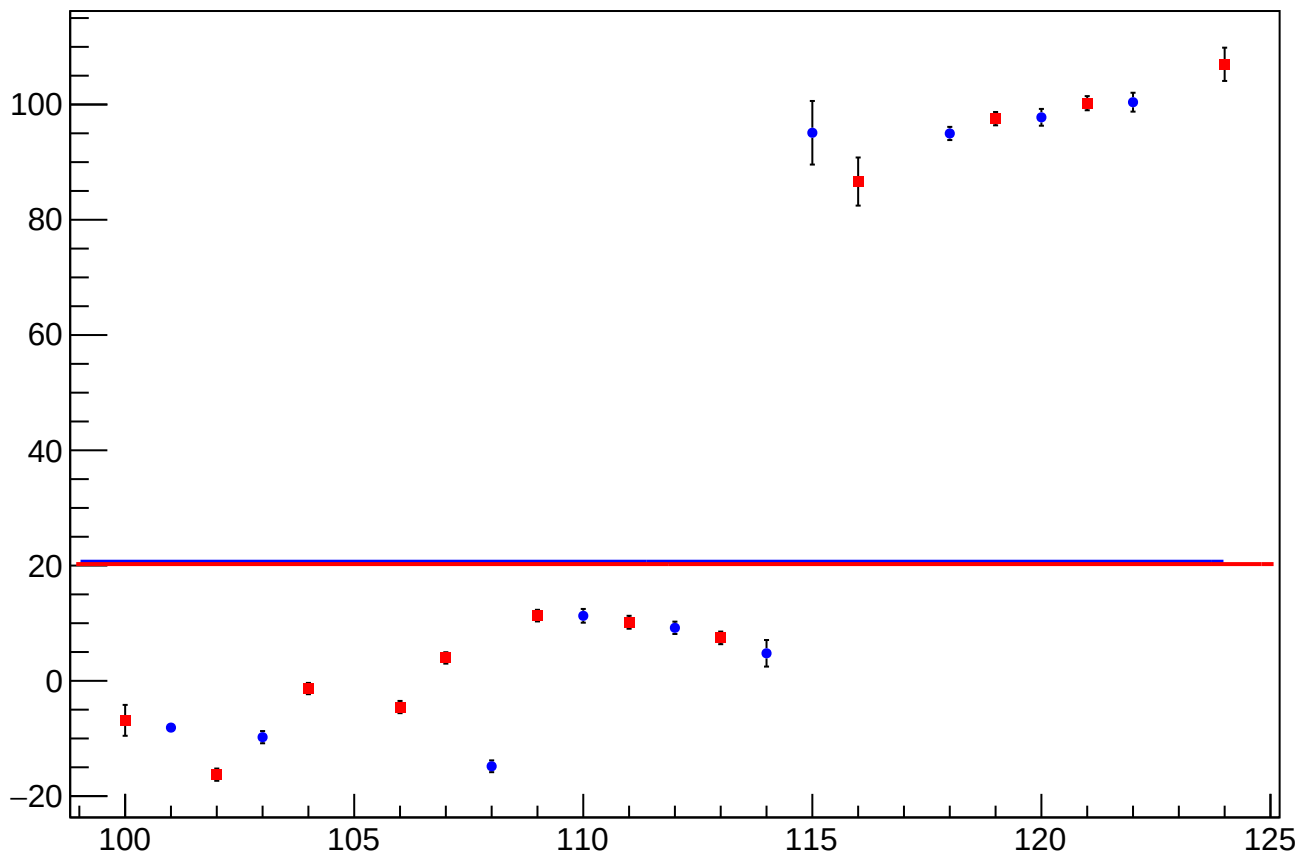
Right: 3.712+/-0.210 χ^2/NDF : 267.7/21

In: 4.423+/-0.313 χ^2/NDF :104.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.712+/-0.210 χ^2/NDF : 267.7/21

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.667+/-0.383 χ^2/NDF : 13107.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.257+/-0.349 χ^2/NDF : 12744.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

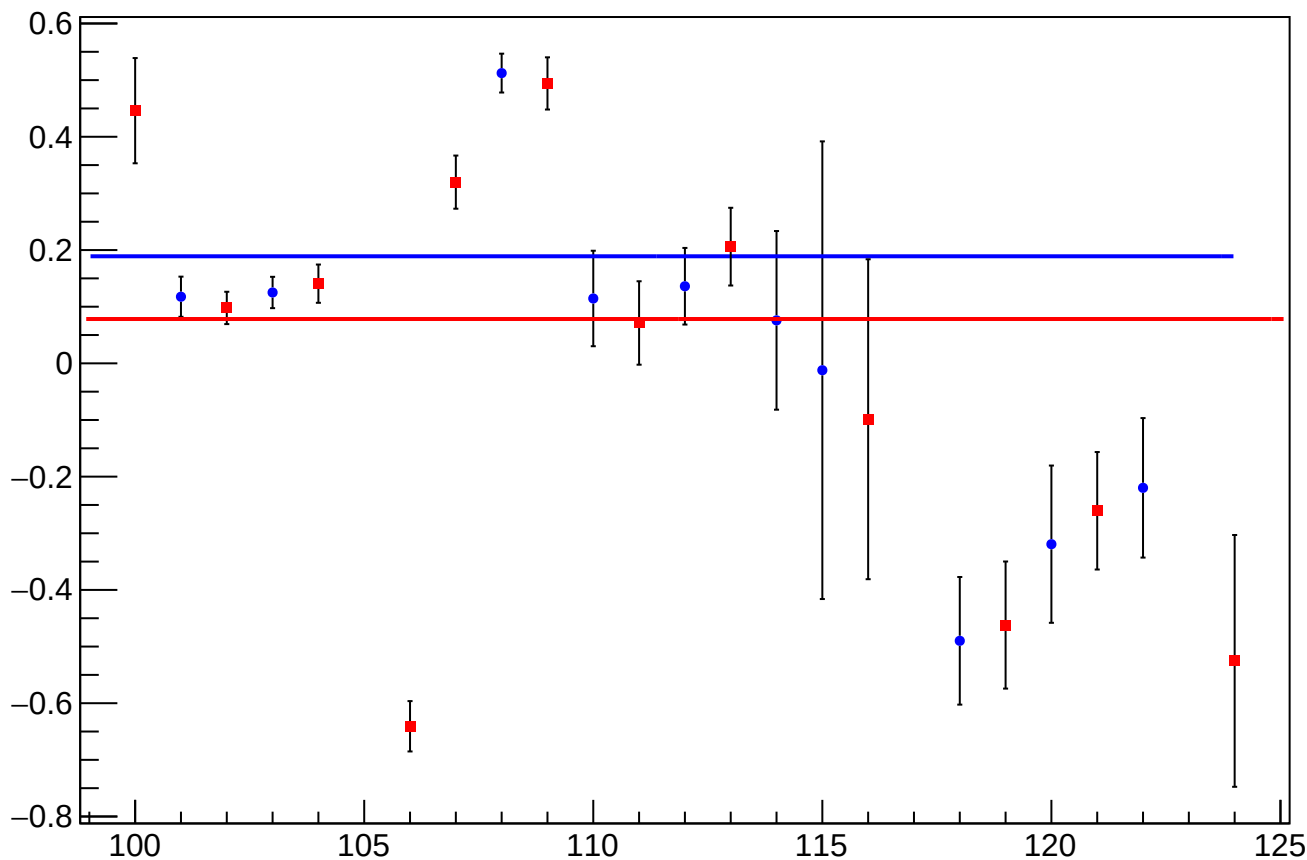
Right: 20.443+/-0.258 χ^2/NDF : 25851.7/21

In: 20.667+/-0.383 χ^2/NDF :13107.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.443+/-0.258 χ^2/NDF : 25851.7/21

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.189+/-0.017 χ^2/NDF : 161.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.078+/-0.015 χ^2/NDF : 434.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

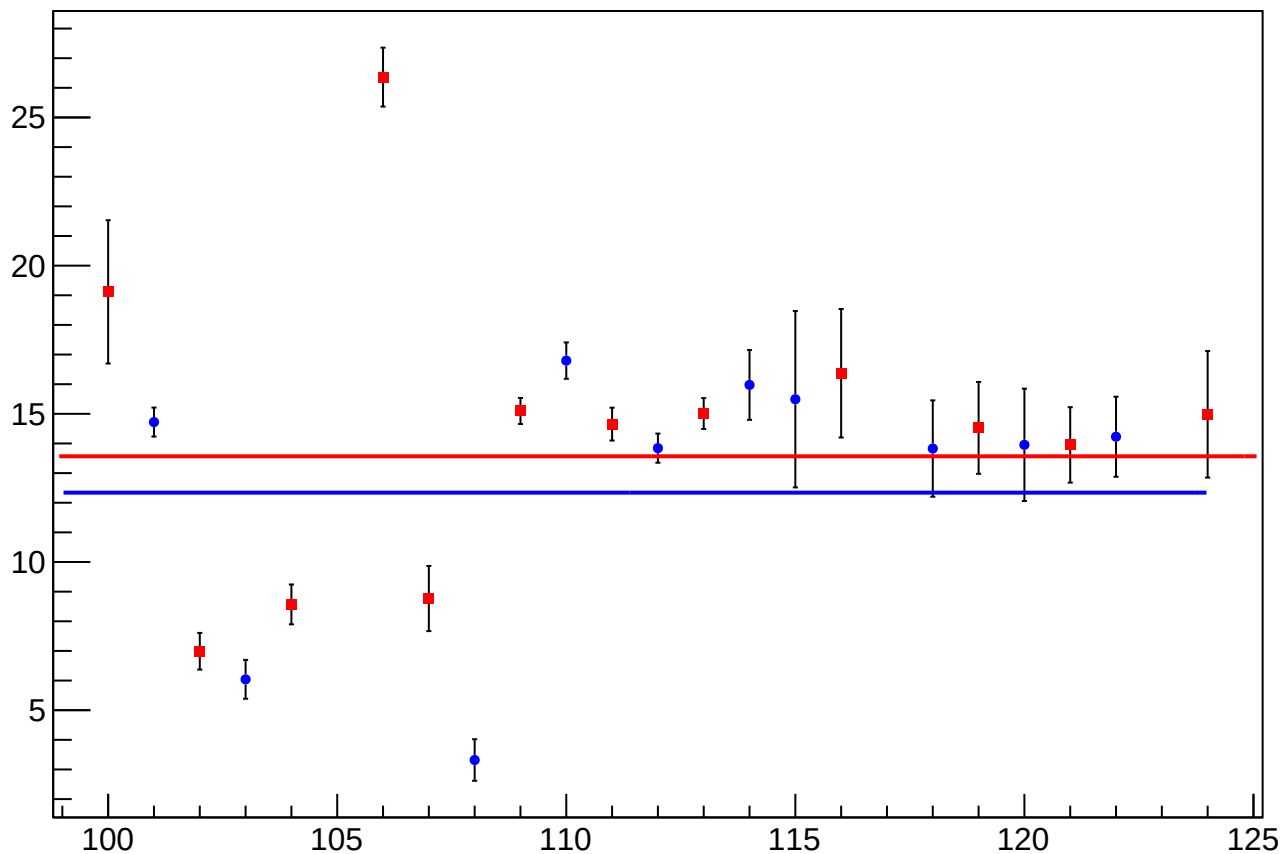
Right: 0.129+/-0.011 χ^2/NDF : 619.3/21

In: 0.189+/-0.017 χ^2/NDF : 161.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.129+/-0.011 χ^2/NDF : 619.3/21

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.341+/-0.240 χ^2/NDF : 357.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.567+/-0.221 χ^2/NDF : 384.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

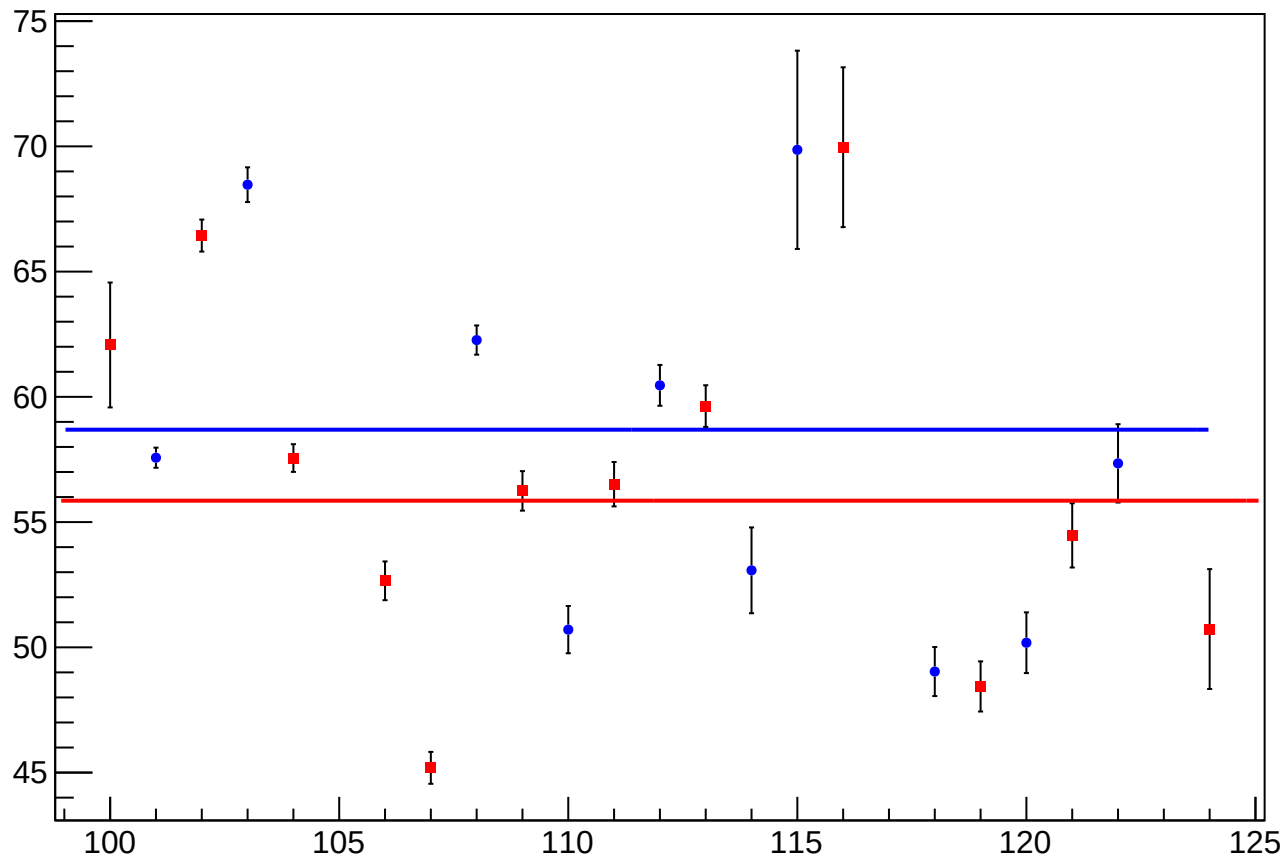
Right: 13.003+/-0.163 χ^2/NDF : 756.3/21

In: 12.341+/-0.240 χ^2/NDF : 357.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.003+/-0.163 χ^2/NDF : 756.3/21

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 58.689 $\pm$ 0.247 χ^2 /NDF: 486.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 55.855 $\pm$ 0.248 χ^2 /NDF: 688.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

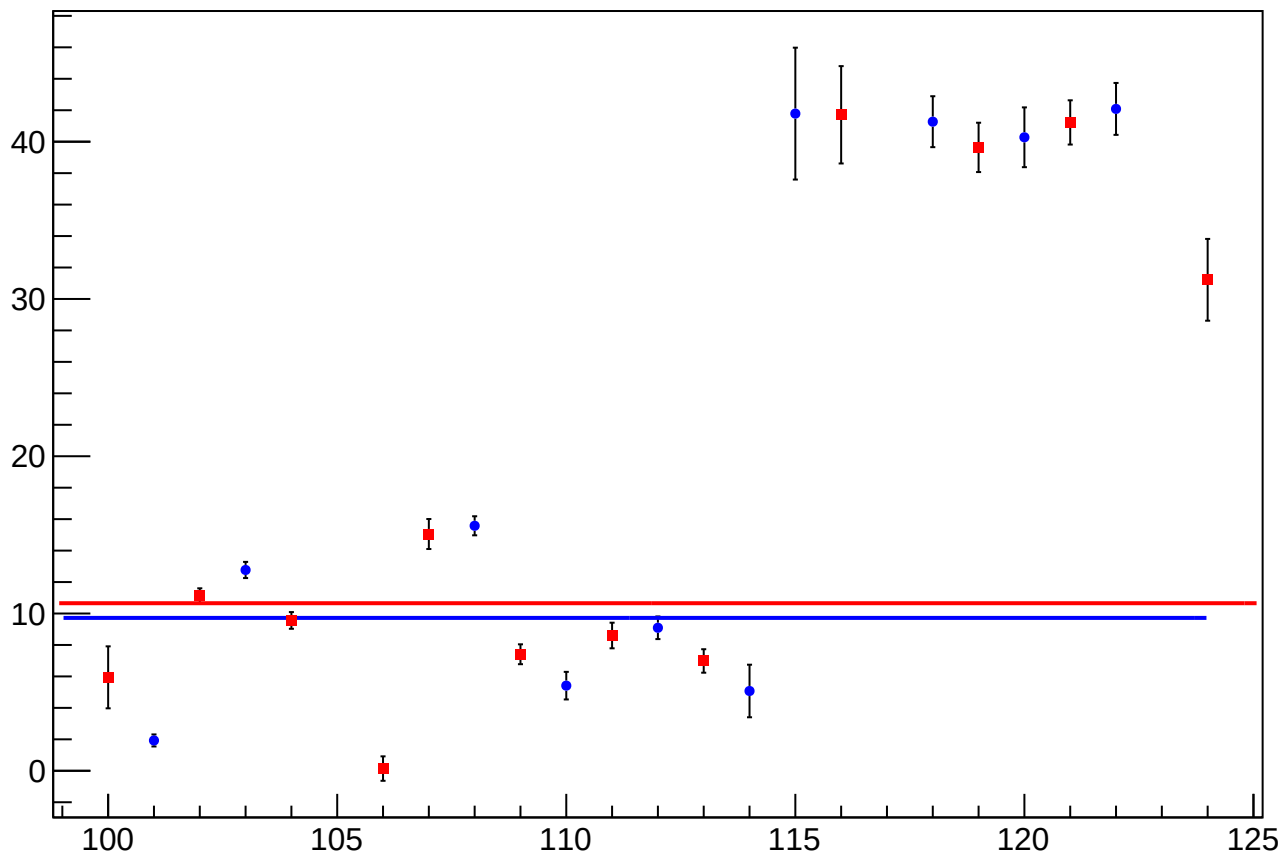
Right: 57.279 $\pm$ 0.175 χ^2 /NDF: 1241.0/21

In: 58.689 $\pm$ 0.247 χ^2 /NDF:486.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.279 $\pm$ 0.175 χ^2 /NDF: 1241.0/21

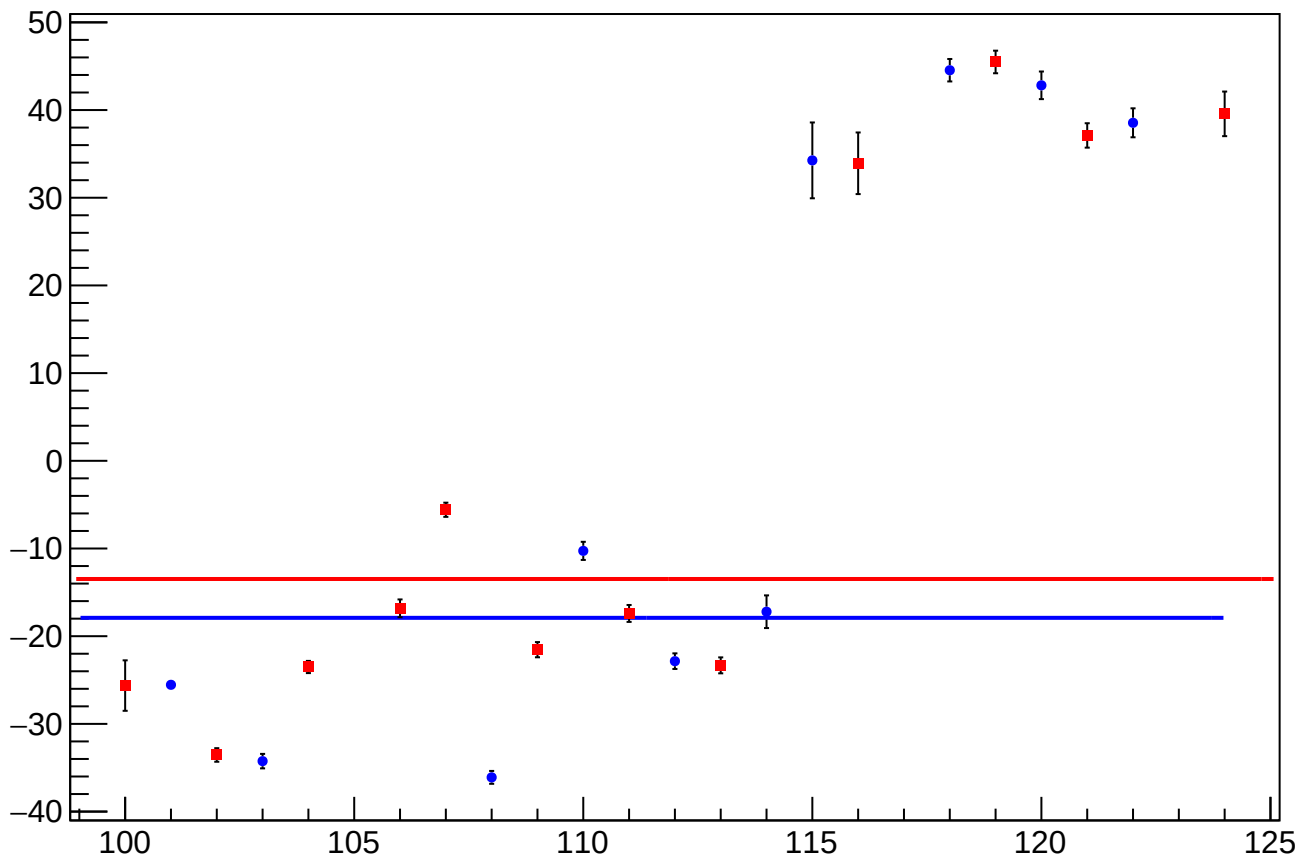
reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.721+/-0.236 χ^2/NDF : 1656.6/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 10.655+/-0.237 χ^2/NDF : 1249.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 10.185+/-0.167 χ^2/NDF : 2913.4/21
 In: 9.721+/-0.236 χ^2/NDF : 1656.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 10.185+/-0.167 χ^2/NDF : 2913.4/21

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.906 ± 0.300 χ^2/NDF : 6495.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.477 ± 0.297 χ^2/NDF : 5255.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

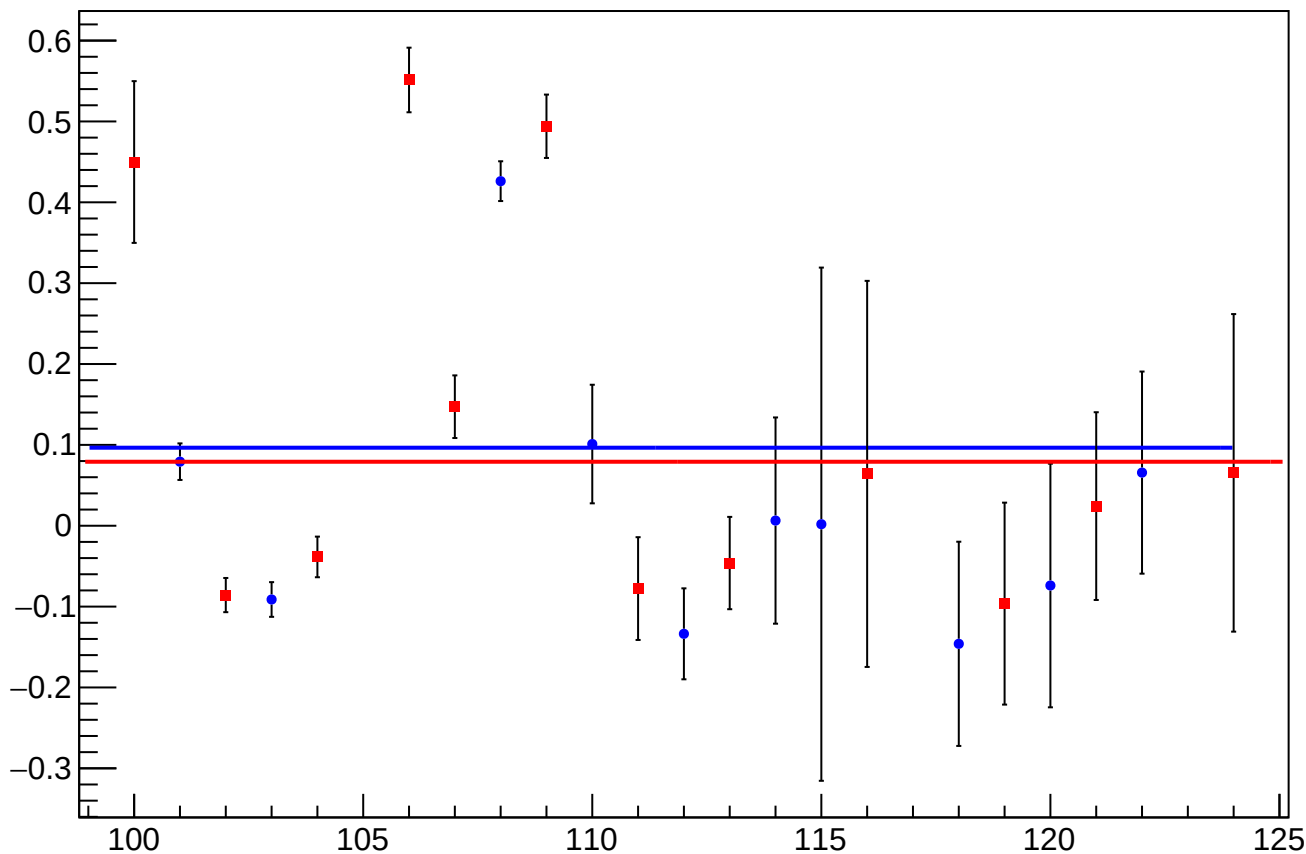
Right: -15.669 ± 0.211 χ^2/NDF : 11861.5/21

In: -17.906 ± 0.300 χ^2/NDF : 6495.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.669 ± 0.211 χ^2/NDF : 11861.5/21

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.097 $\pm$ 0.012 χ^2 /NDF: 279.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.079 $\pm$ 0.012 χ^2 /NDF: 364.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

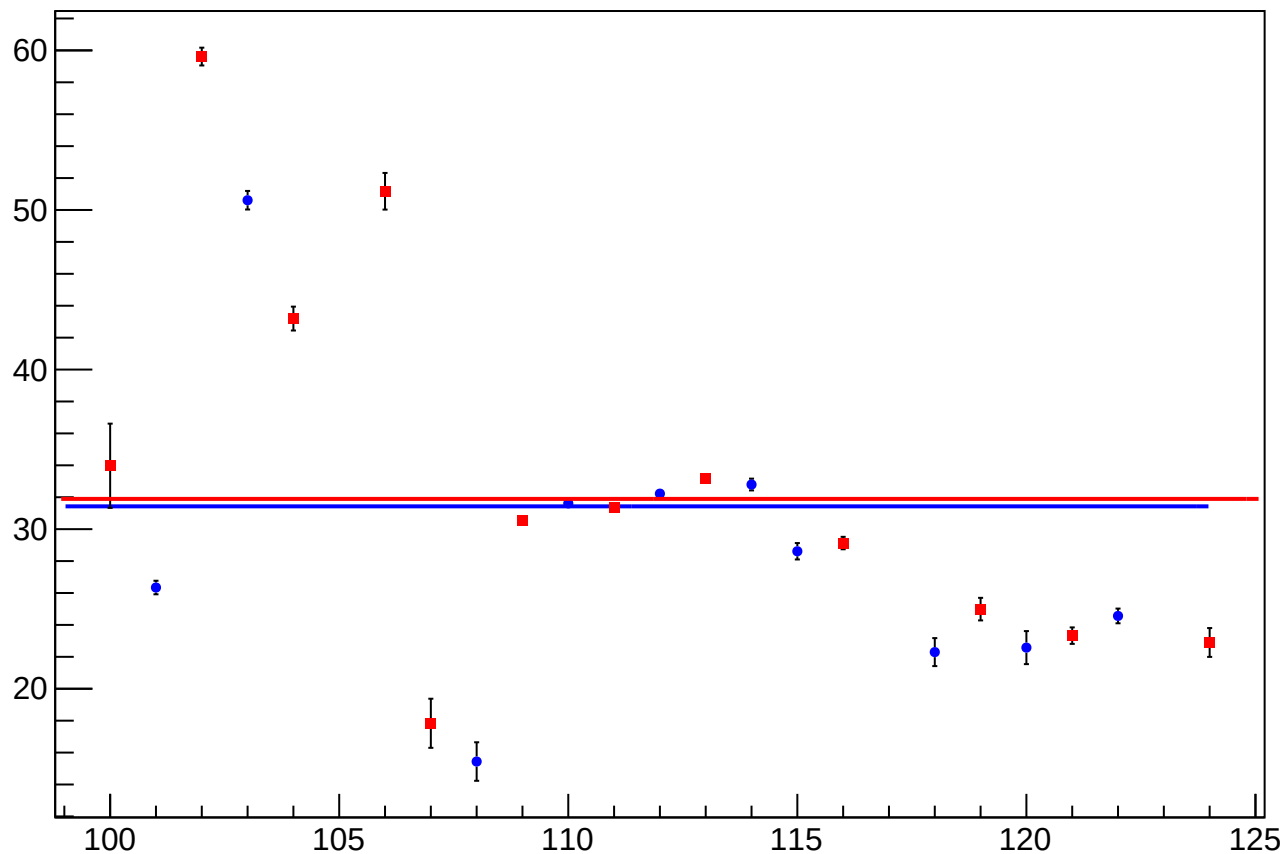
Right: 0.088 $\pm$ 0.009 χ^2 /NDF: 644.6/21

In: 0.097 $\pm$ 0.012 χ^2 /NDF:279.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.088 $\pm$ 0.009 χ^2 /NDF: 644.6/21

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 31.429+/-0.105 χ^2/NDF : 1877.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.896+/-0.086 χ^2/NDF : 3736.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

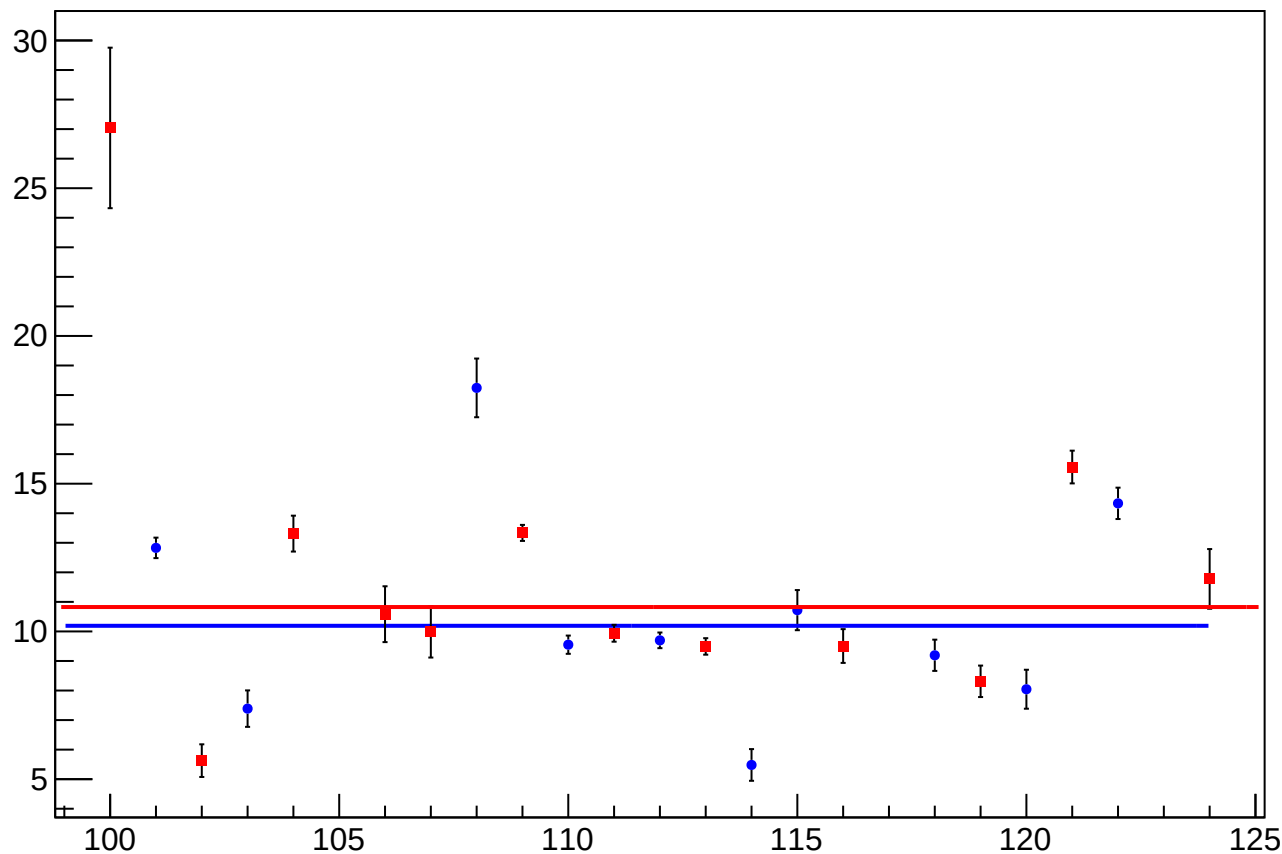
Right: 31.708+/-0.067 χ^2/NDF : 5625.3/21

In: 31.429+/-0.105 χ^2/NDF : 1877.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.708+/-0.067 χ^2/NDF : 5625.3/21

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.191 ± 0.139 χ^2/NDF : 304.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.826 ± 0.131 χ^2/NDF : 361.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

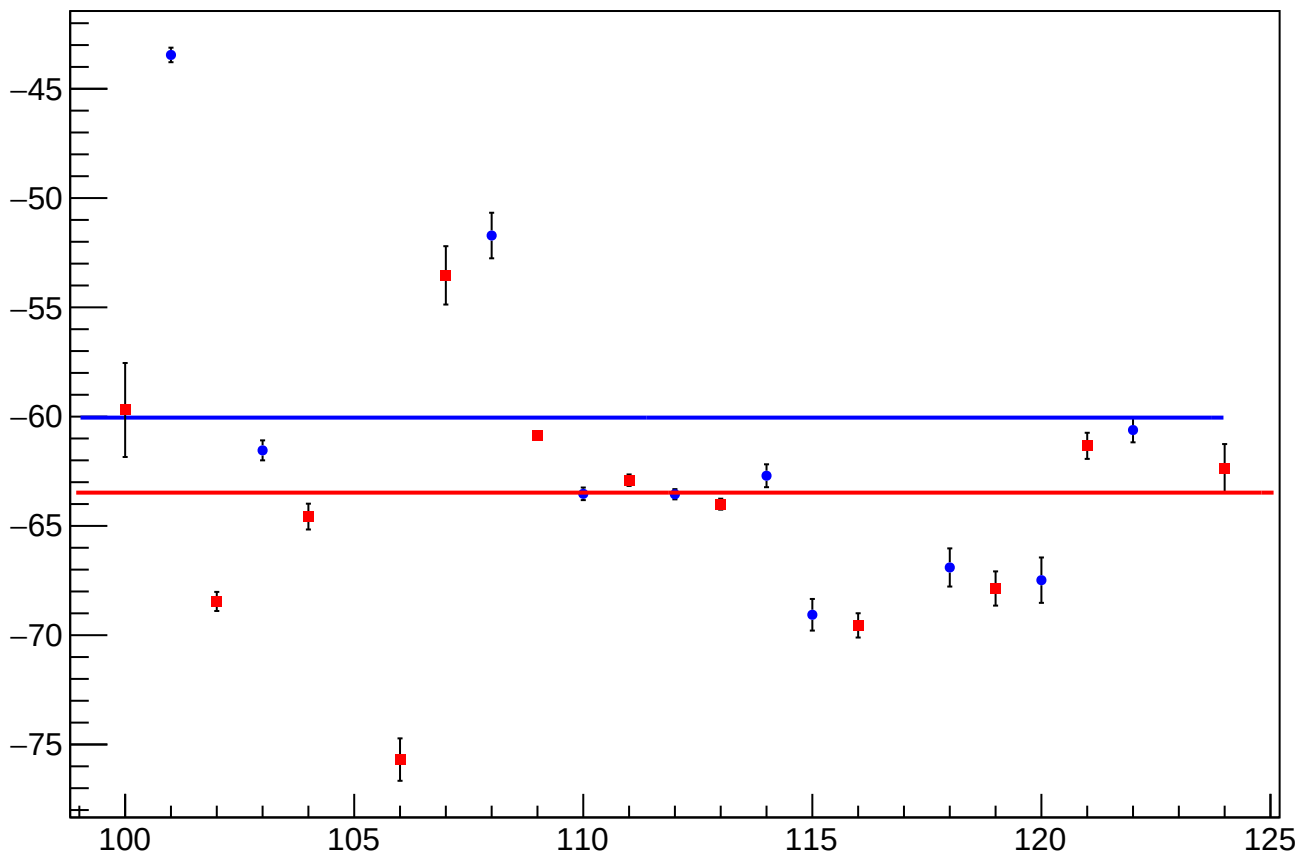
Right: 10.527 ± 0.095 χ^2/NDF : 677.5/21

In: 10.191 ± 0.139 χ^2/NDF : 304.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 10.527 ± 0.095 χ^2/NDF : 677.5/21

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.045 ± 0.134 χ^2/NDF : 3230.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.477 ± 0.119 χ^2/NDF : 671.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

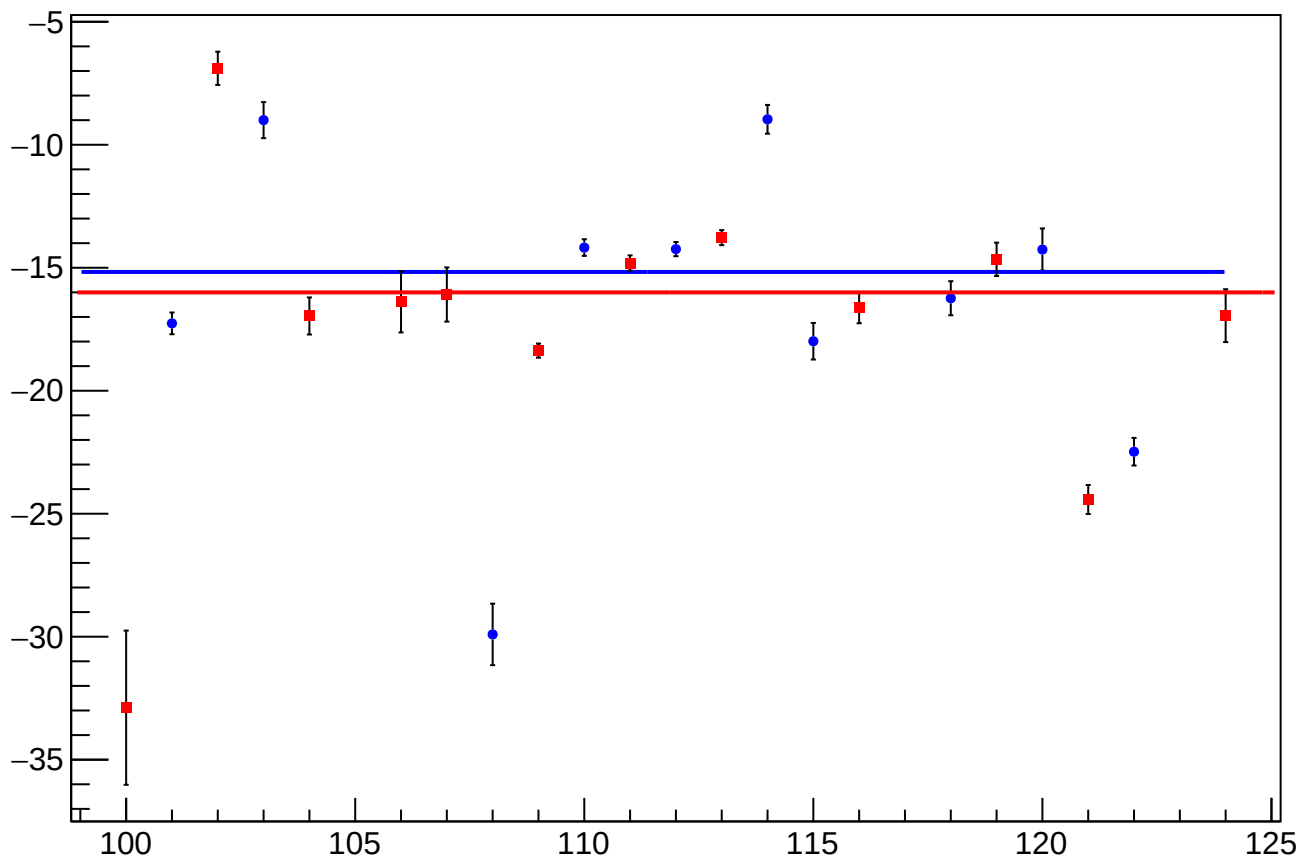
Right: -61.955 ± 0.089 χ^2/NDF : 4268.3/21

In: -60.045 ± 0.134 χ^2/NDF : 3230.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.955 ± 0.089 χ^2/NDF : 4268.3/21

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.170 ± 0.159 χ^2/NDF : 551.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.002 ± 0.146 χ^2/NDF : 558.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

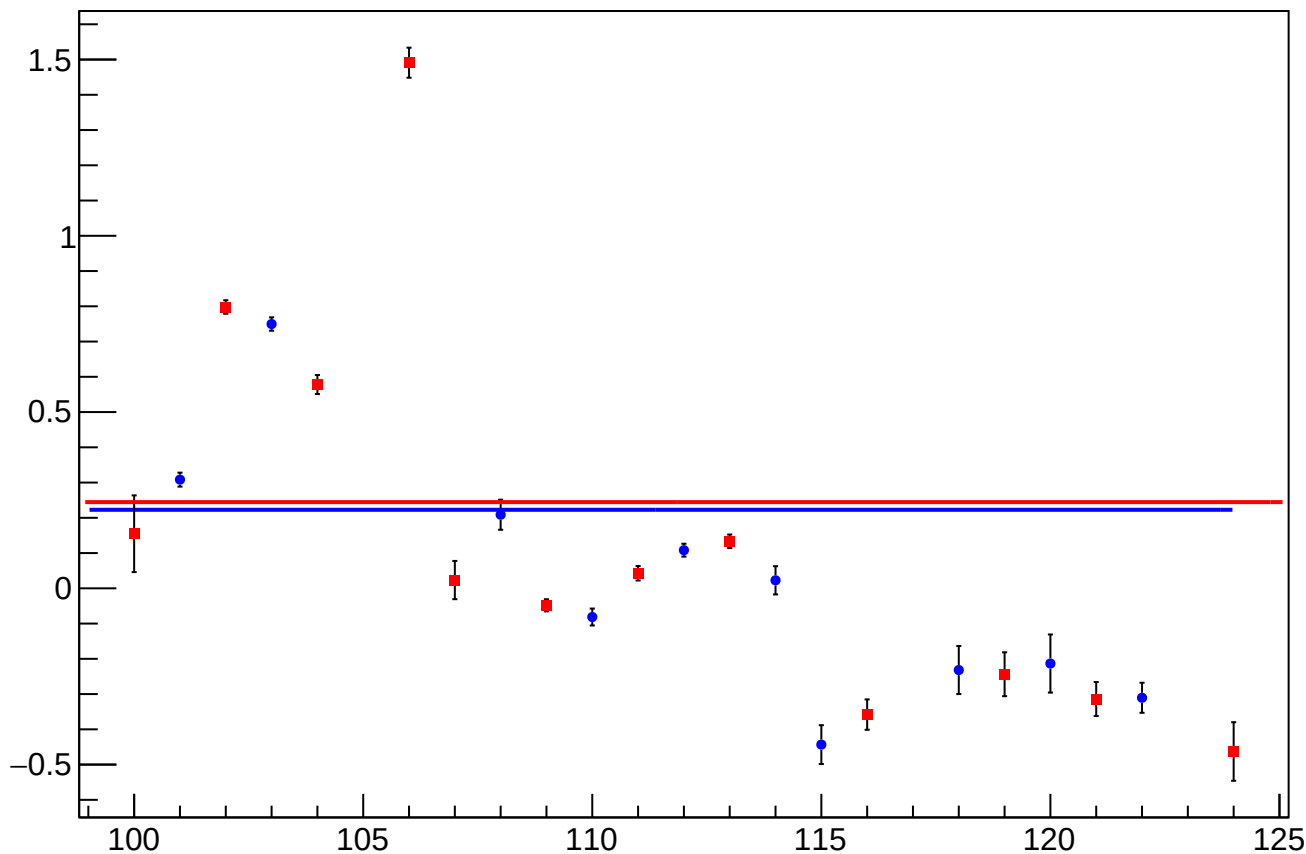
Right: -15.622 ± 0.107 χ^2/NDF : 1124.6/21

In: -15.170 ± 0.159 χ^2/NDF : 551.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.622 ± 0.107 χ^2/NDF : 1124.6/21

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.223+/-0.009 χ^2/NDF : 1388.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.245+/-0.008 χ^2/NDF : 2739.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

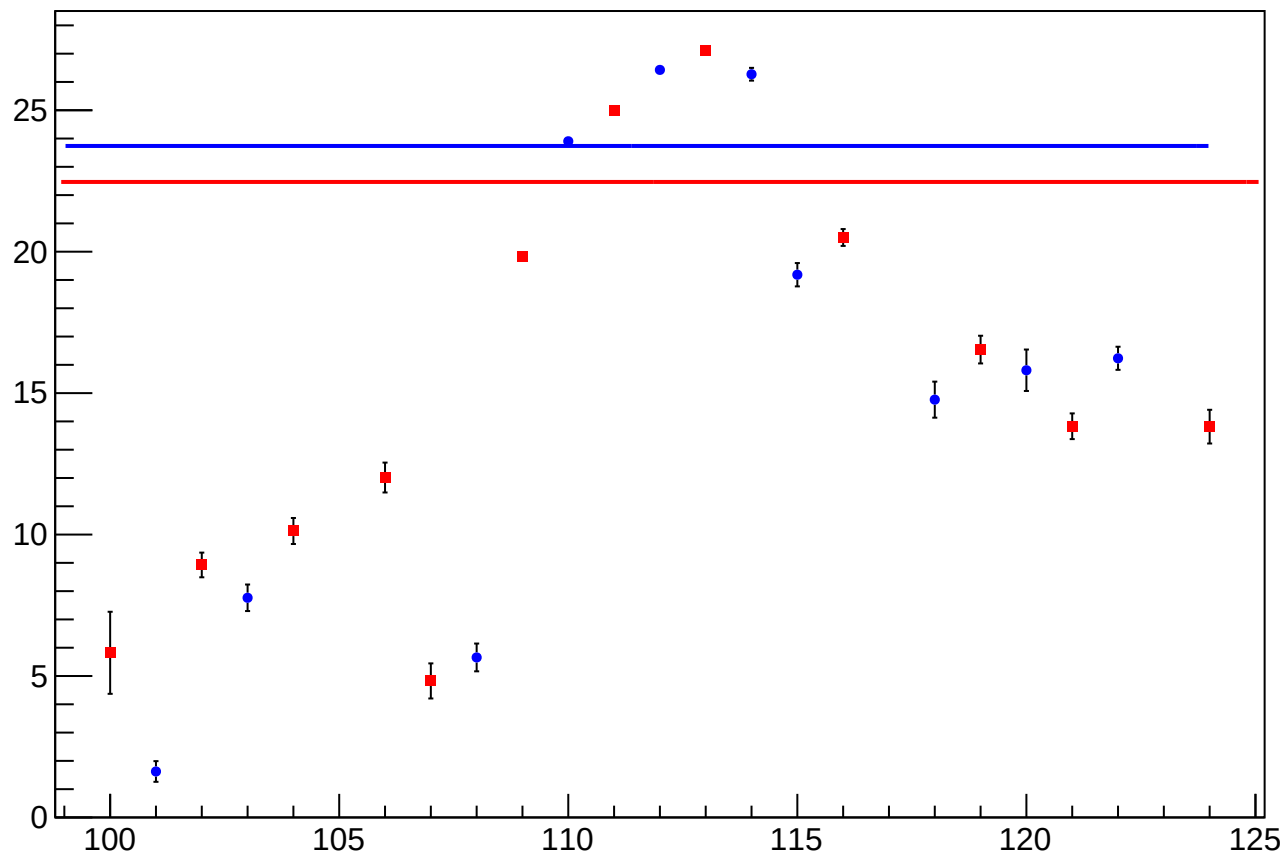
Right: 0.235+/-0.006 χ^2/NDF : 4131.4/21

In: 0.223+/-0.009 χ^2/NDF :1388.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.235+/-0.006 χ^2/NDF : 4131.4/21

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.738 $\pm$ 0.060 χ^2 /NDF: 8035.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.465 $\pm$ 0.048 χ^2 /NDF: 7940.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

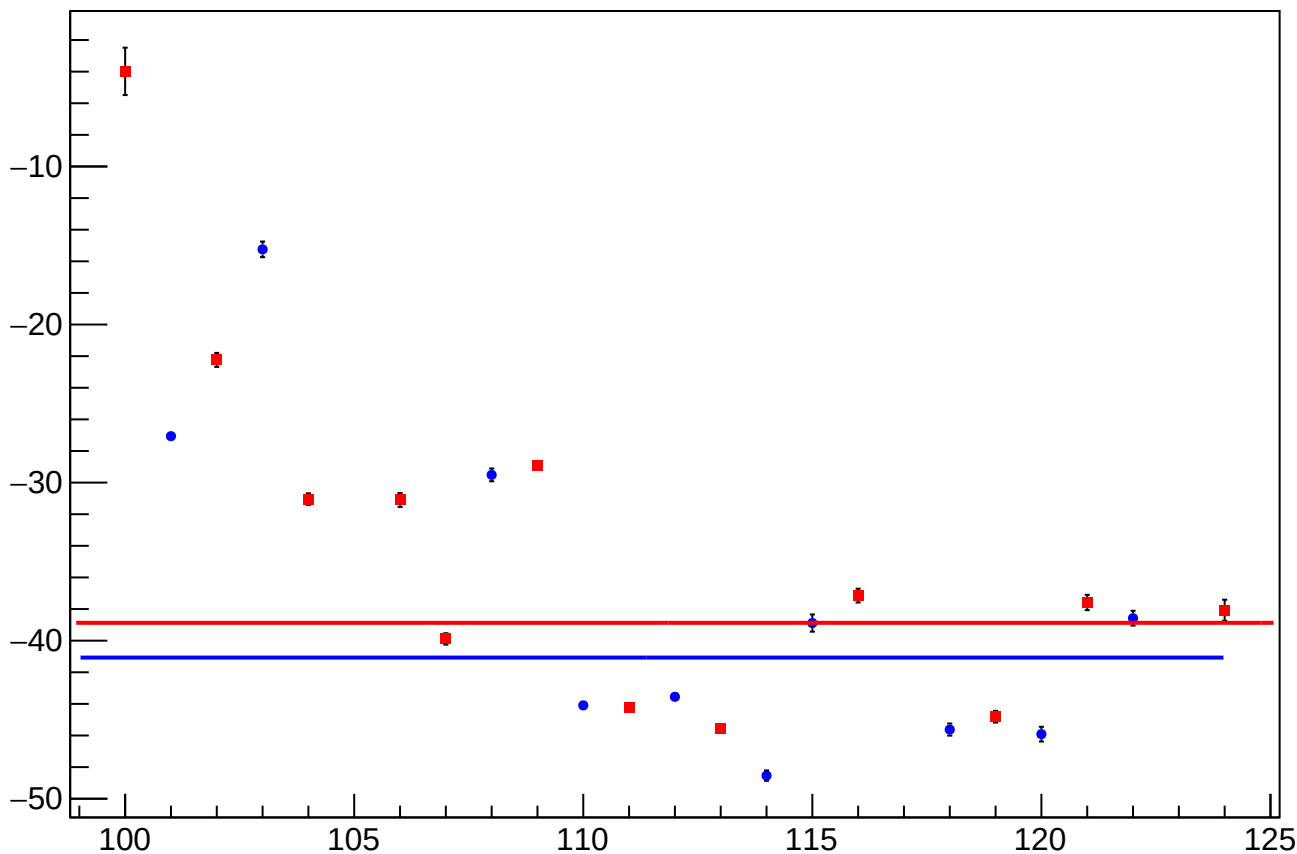
Right: 22.956 $\pm$ 0.038 χ^2 /NDF: 16247.2/21

In: 23.738 $\pm$ 0.060 χ^2 /NDF:8035.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.956 $\pm$ 0.038 χ^2 /NDF: 16247.2/21

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.070+/-0.086 χ^2/NDF : 7199.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.871+/-0.077 χ^2/NDF : 9682.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

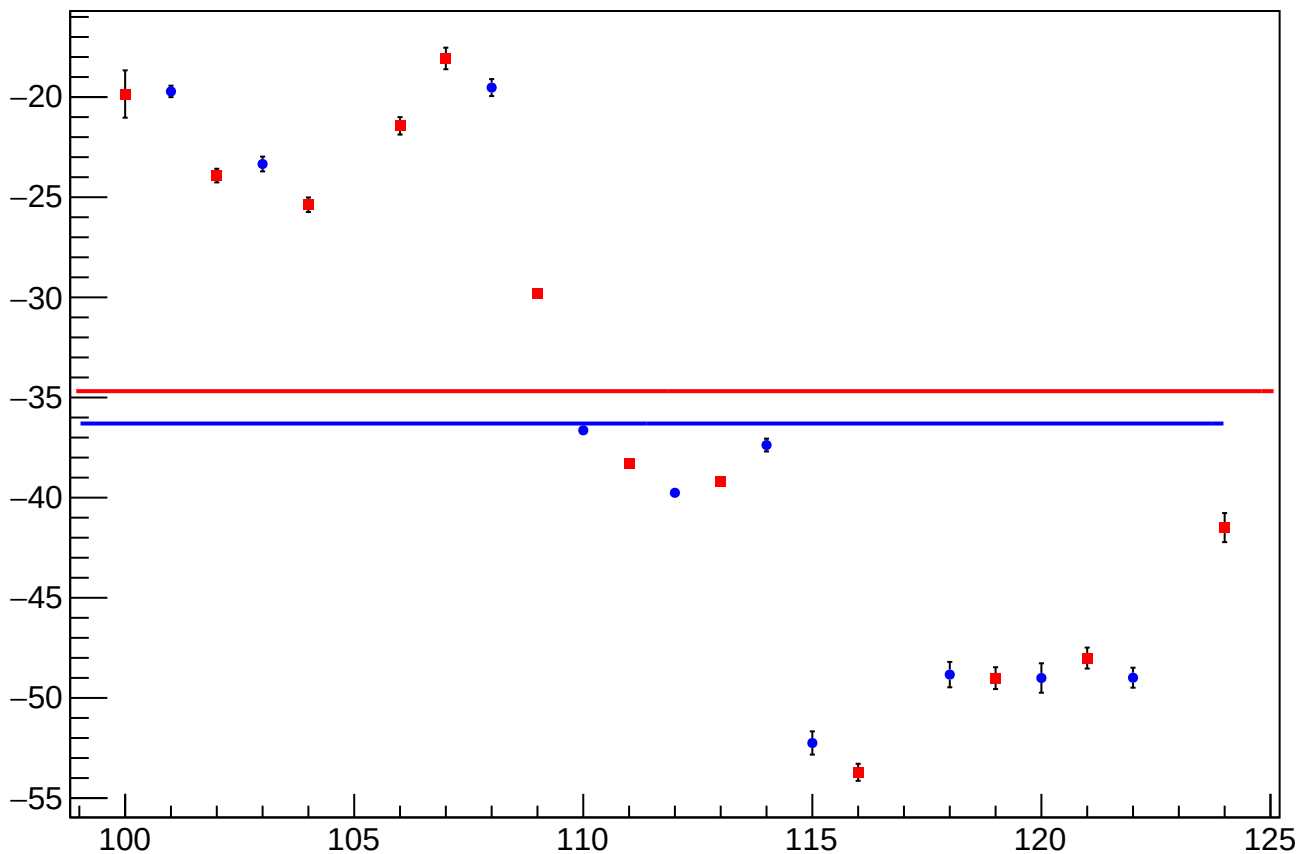
Right: -39.849+/-0.057 χ^2/NDF : 17244.0/21

In: -41.070+/-0.086 χ^2/NDF : 7199.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.849+/-0.057 χ^2/NDF : 17244.0/21

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.299 ± 0.081 $\chi^2/\text{NDF}: 9012.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -34.683 ± 0.068 $\chi^2/\text{NDF}: 10548.2/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

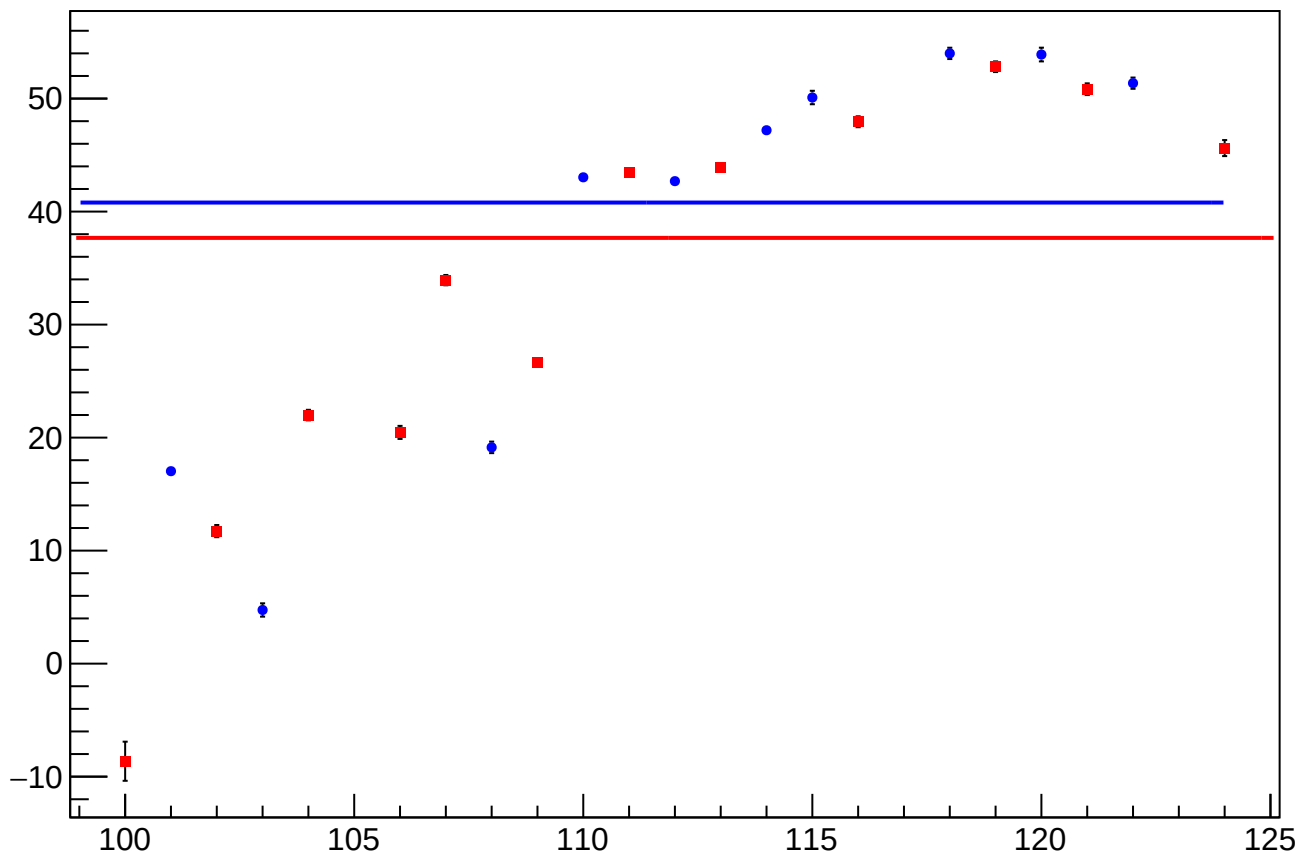
Right: -35.346 ± 0.052 $\chi^2/\text{NDF}: 19793.0/21$

In: -36.299 ± 0.081 $\chi^2/\text{NDF}: 9012.4/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -35.346 ± 0.052 $\chi^2/\text{NDF}: 19793.0/21$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.799 $\pm$ 0.097 χ^2 /NDF: 11948.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.673 $\pm$ 0.085 χ^2 /NDF: 14128.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

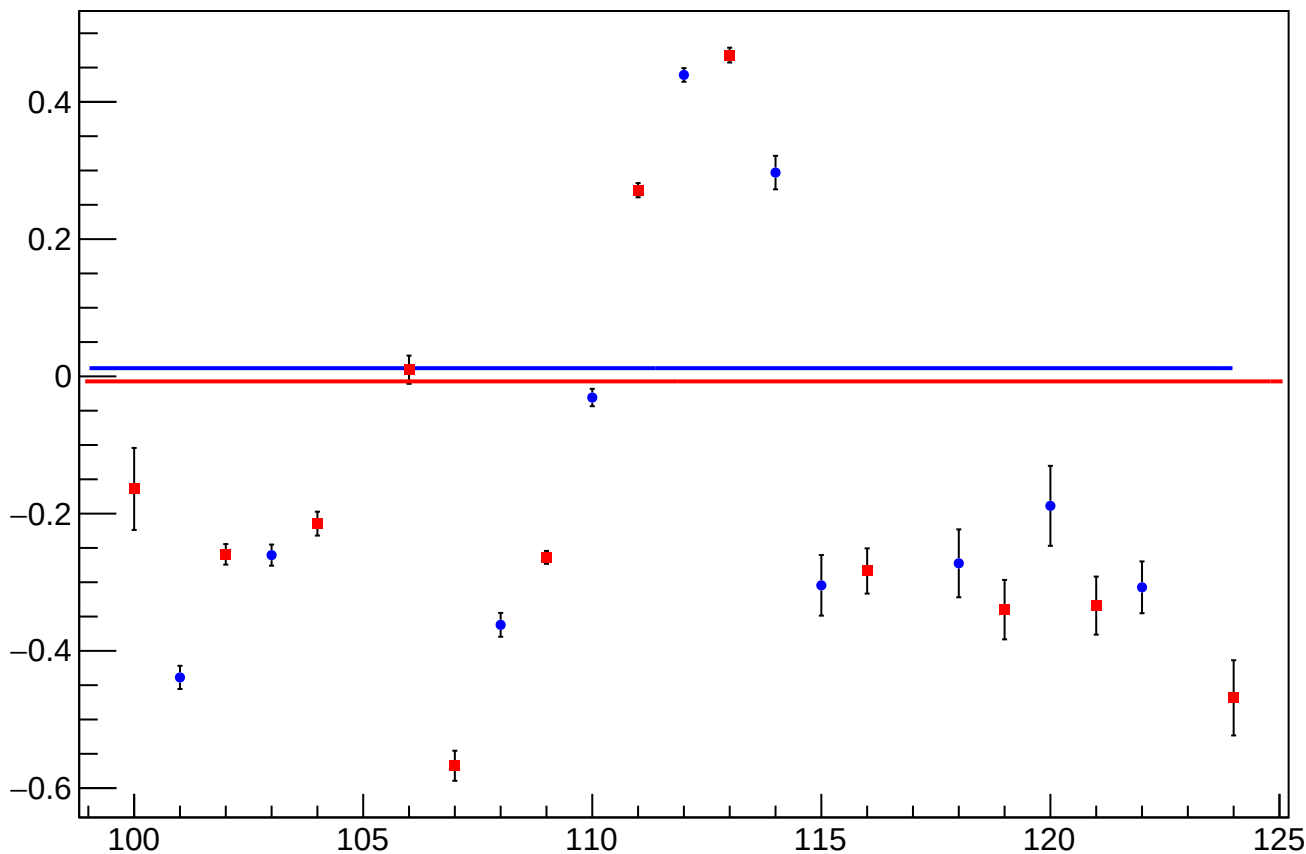
Right: 39.032 $\pm$ 0.064 χ^2 /NDF: 26664.3/21

In: 40.799 $\pm$ 0.097 χ^2 /NDF:11948.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.032 $\pm$ 0.064 χ^2 /NDF: 26664.3/21

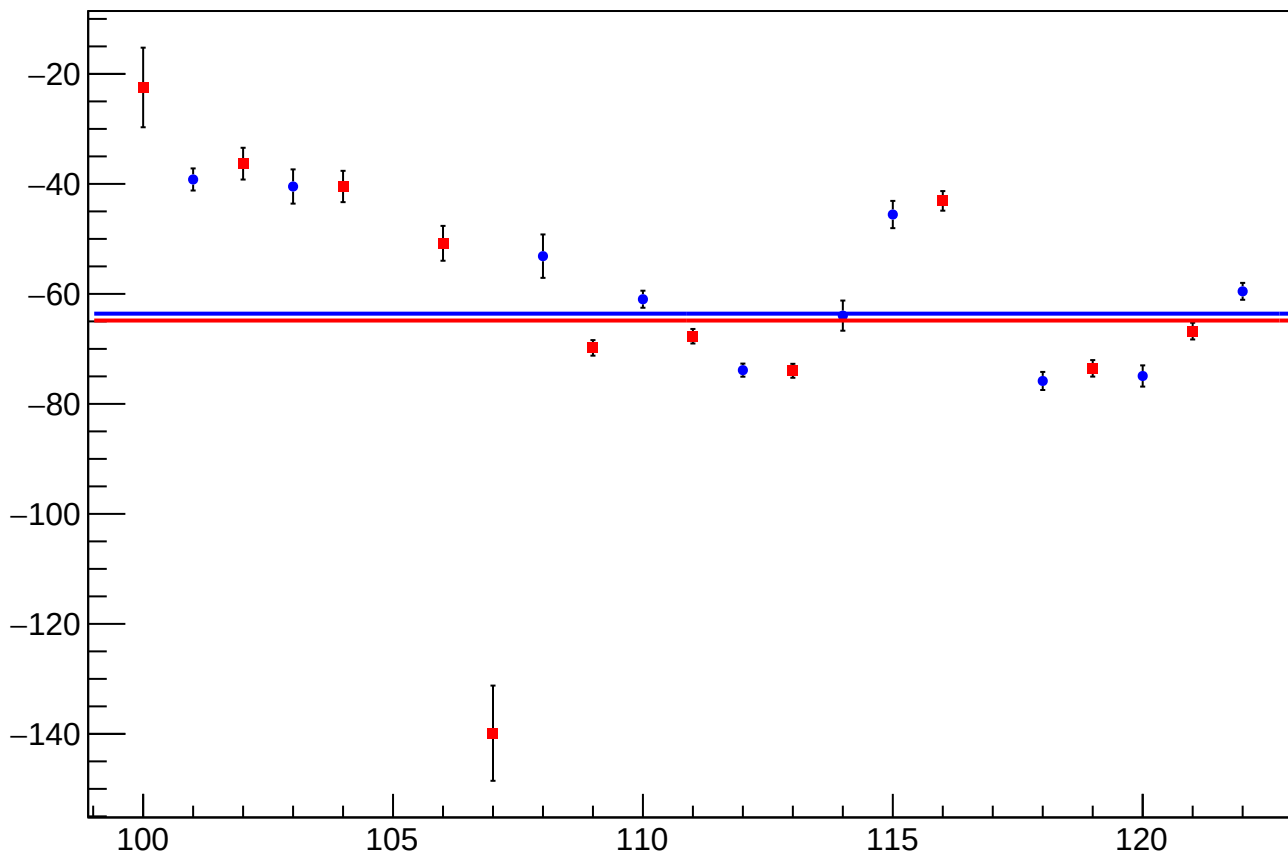
reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.006 χ^2 /NDF: 3648.1/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.007 $\pm$ 0.005 χ^2 /NDF: 4740.7/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.001 $\pm$ 0.004 χ^2 /NDF: 8395.6/21
 In: 0.012 $\pm$ 0.006 χ^2 /NDF:3648.1/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.001 $\pm$ 0.004 χ^2 /NDF: 8395.6/21

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -63.593+/-0.588 χ^2/NDF : 436.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.842+/-0.554 χ^2/NDF : 553.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

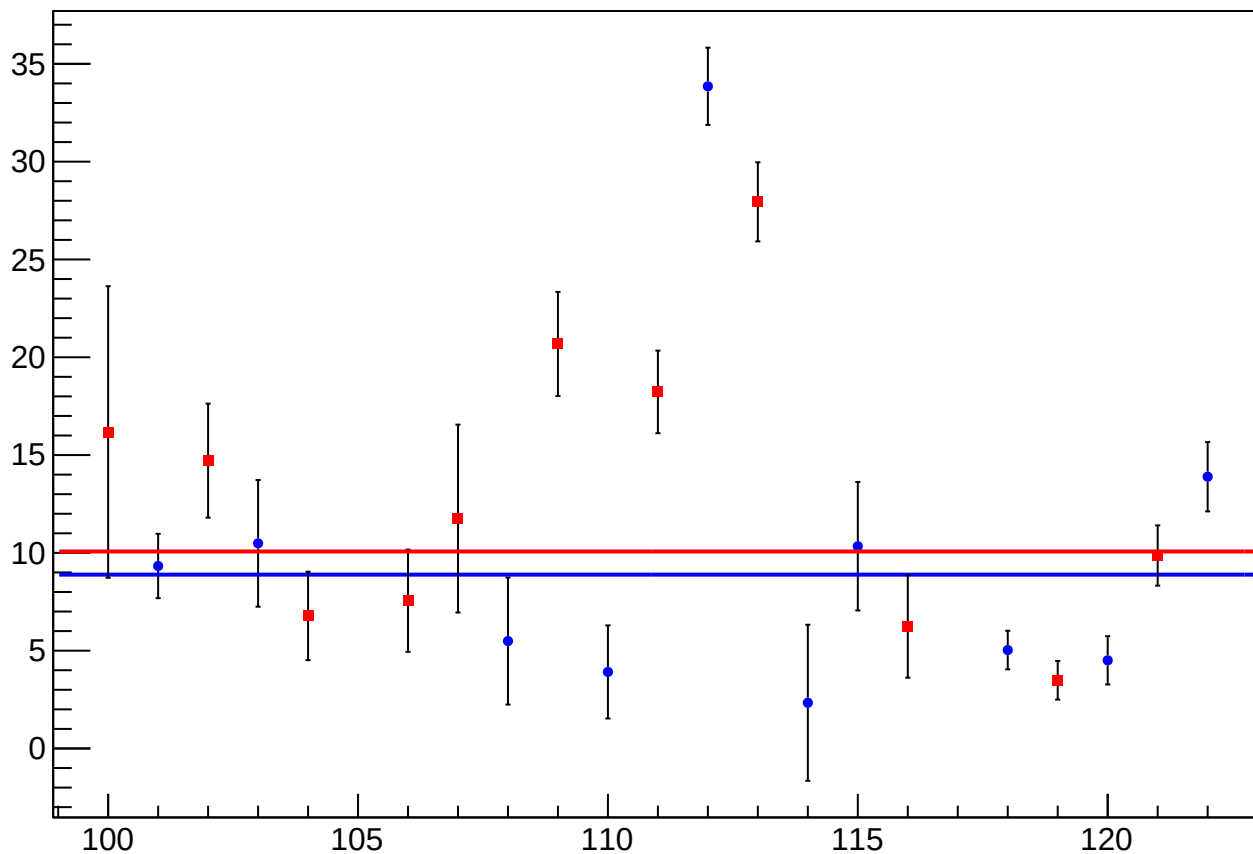
Right: -64.255+/-0.403 χ^2/NDF : 992.1/20

In: -63.593+/-0.588 χ^2/NDF : 436.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.255+/-0.403 χ^2/NDF : 992.1/20

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.887 $\pm$ 0.563 χ^2 /NDF: 204.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.071 $\pm$ 0.606 χ^2 /NDF: 162.0/10

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

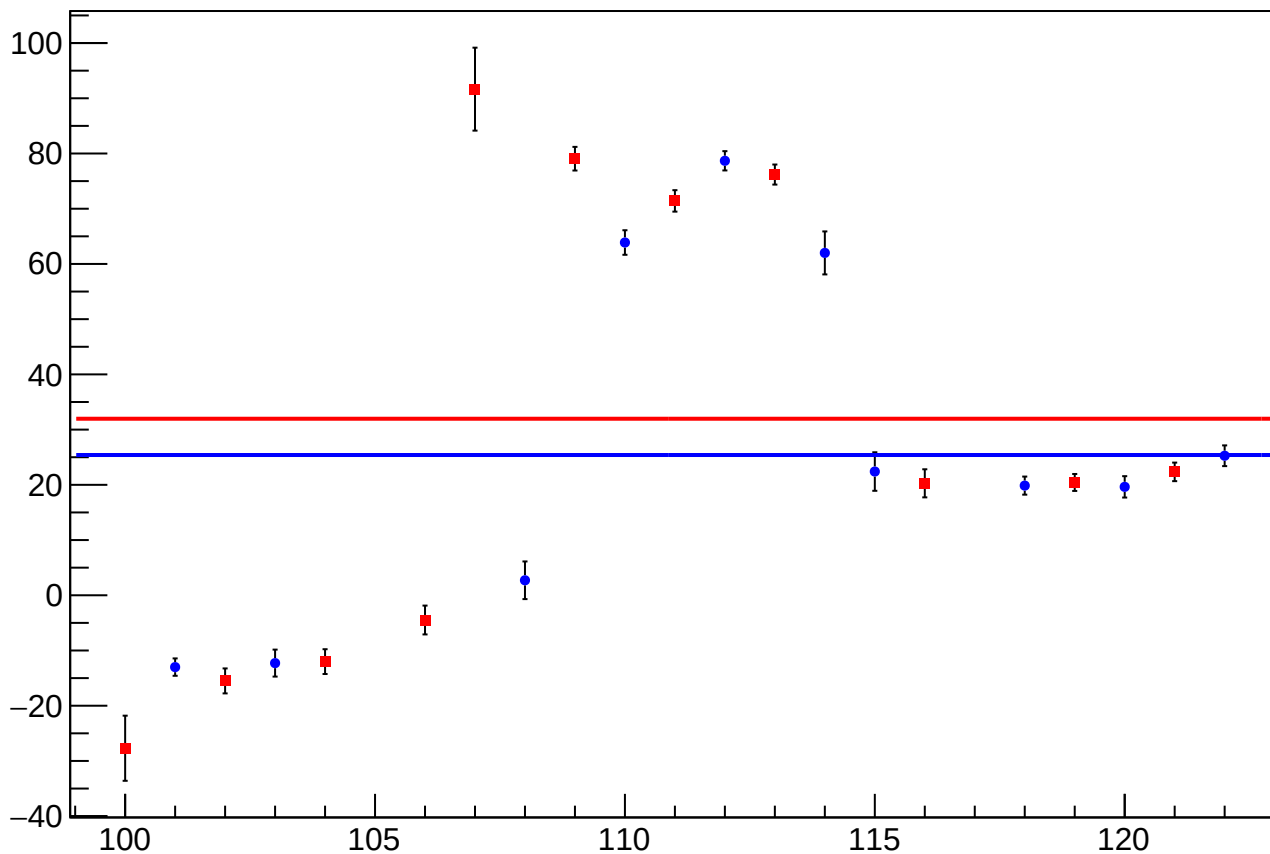
Right: 9.436 $\pm$ 0.413 χ^2 /NDF: 368.5/20

In: 8.887 $\pm$ 0.563 χ^2 /NDF:204.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.436 $\pm$ 0.413 χ^2 /NDF: 368.5/20

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.400+/-0.665 χ^2 /NDF: 2218.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 31.969+/-0.658 χ^2 /NDF: 2785.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

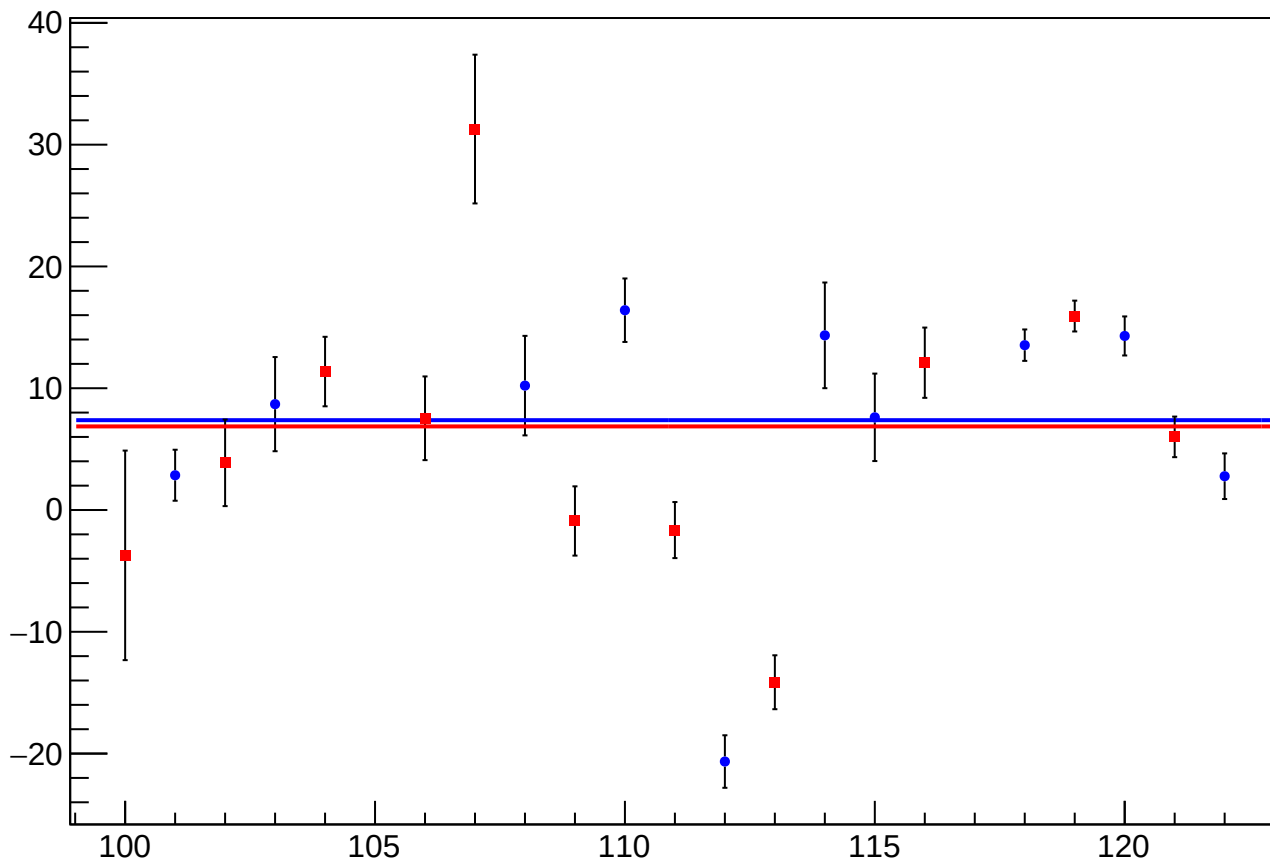
Right: 28.719+/-0.468 χ^2 /NDF: 5053.2/20

In: 25.400+/-0.665 χ^2 /NDF:2218.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 28.719+/-0.468 χ^2 /NDF: 5053.2/20

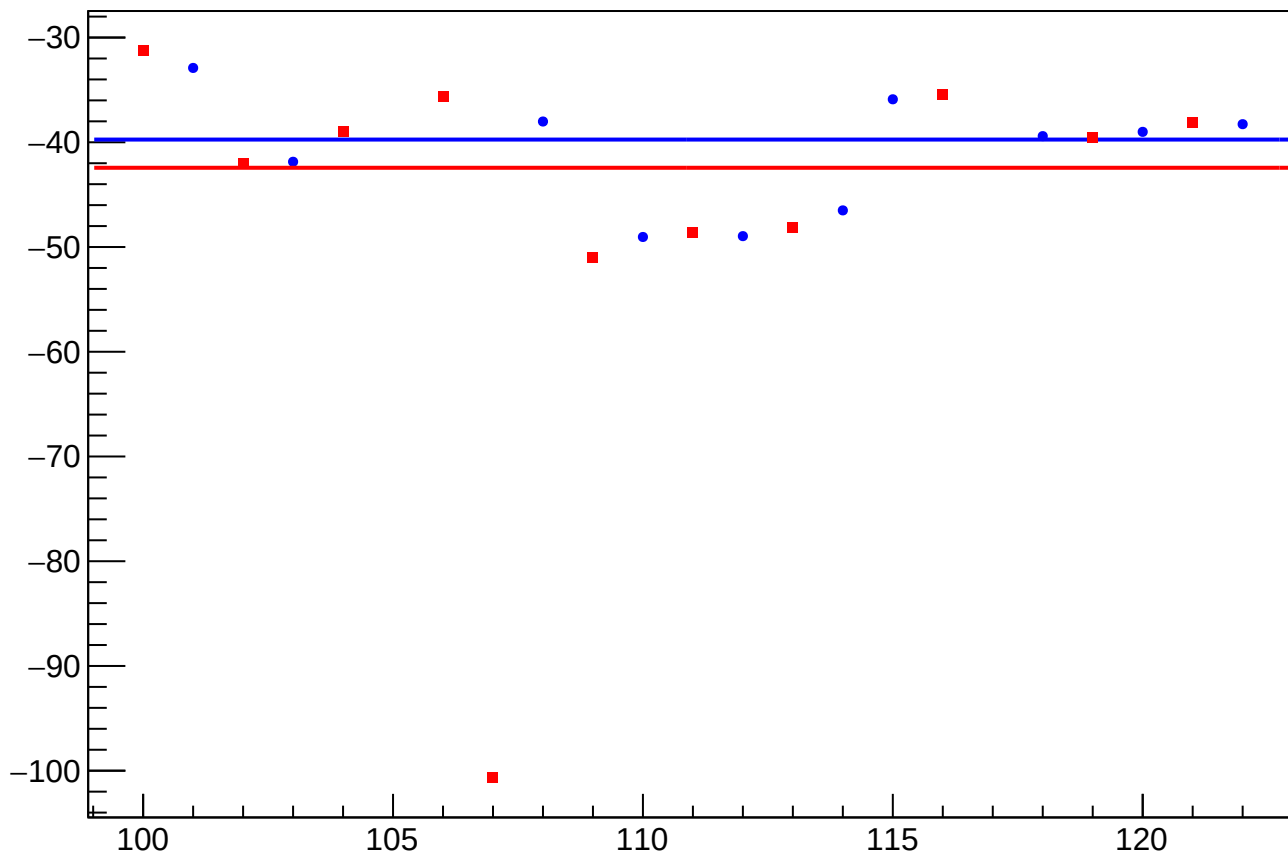
reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.377+/-0.686 χ^2/NDF : 236.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.865+/-0.717 χ^2/NDF : 186.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.132+/-0.496 χ^2/NDF : 423.2/20
 In: 7.377+/-0.686 χ^2/NDF : 236.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.132+/-0.496 χ^2/NDF : 423.2/20

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.741±/0.044 χ^2/NDF : 13870.3/9

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -42.434±/0.042 χ^2/NDF : 51064.4/10

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

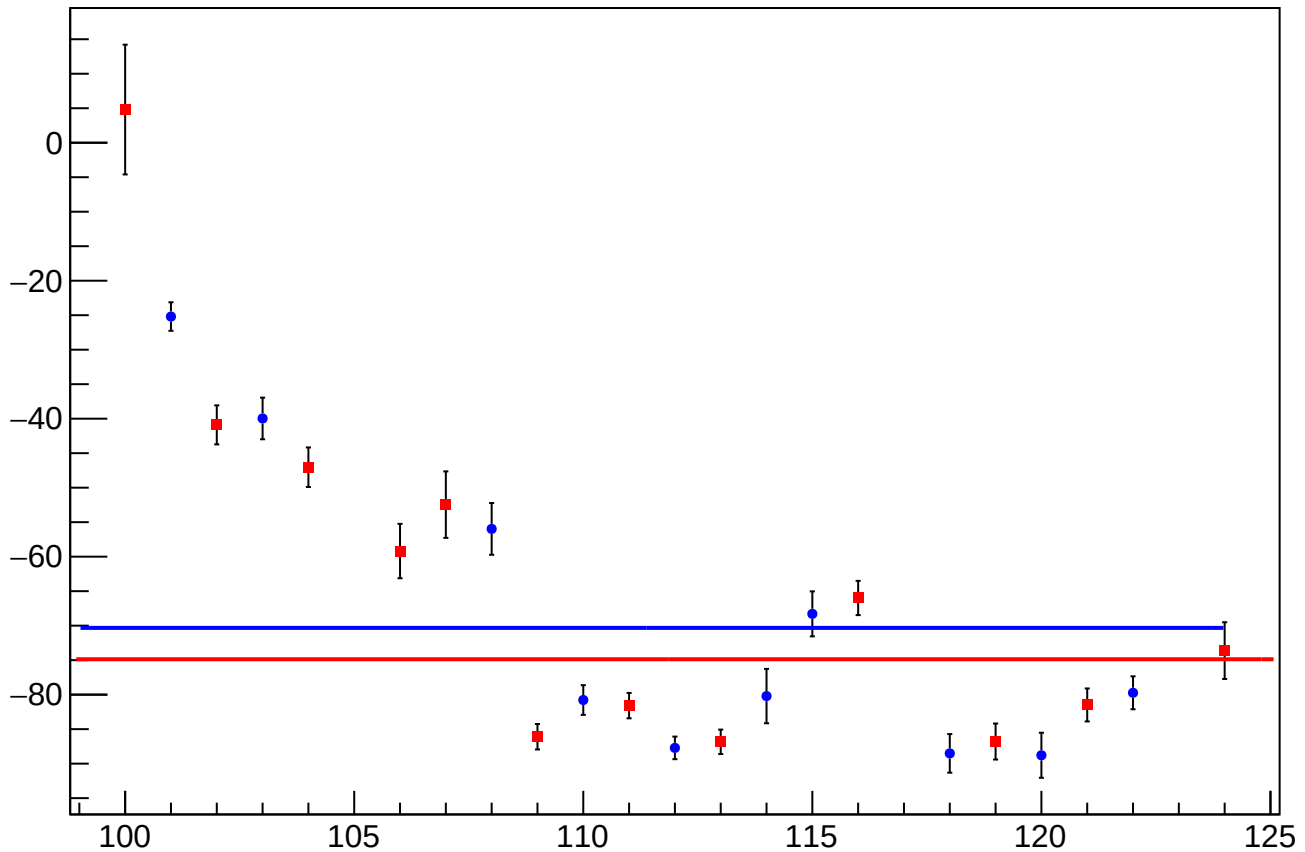
Right: -41.131±/0.030 χ^2/NDF : 66891.0/20

In: -39.741±/0.044 χ^2/NDF : 13870.3/9

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -41.131±/0.030 χ^2/NDF : 66891.0/20

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -70.322 ± 0.801 χ^2/NDF : 824.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.869 ± 0.742 χ^2/NDF : 485.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

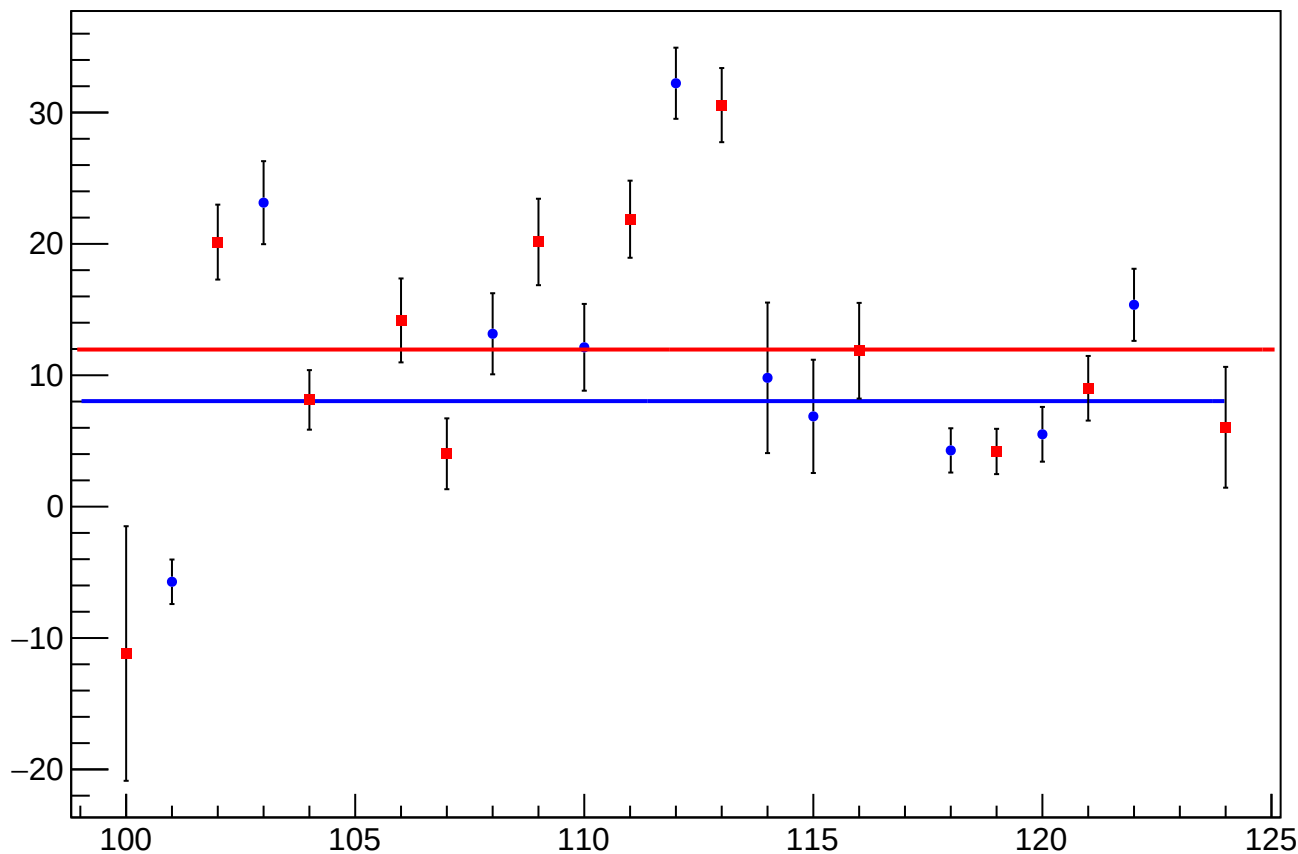
Right: -72.770 ± 0.544 χ^2/NDF : 1327.2/21

In: -70.322 ± 0.801 χ^2/NDF : 824.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.770 ± 0.544 χ^2/NDF : 1327.2/21

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.033+/-0.795 χ^2/NDF : 186.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.959+/-0.810 χ^2/NDF : 110.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

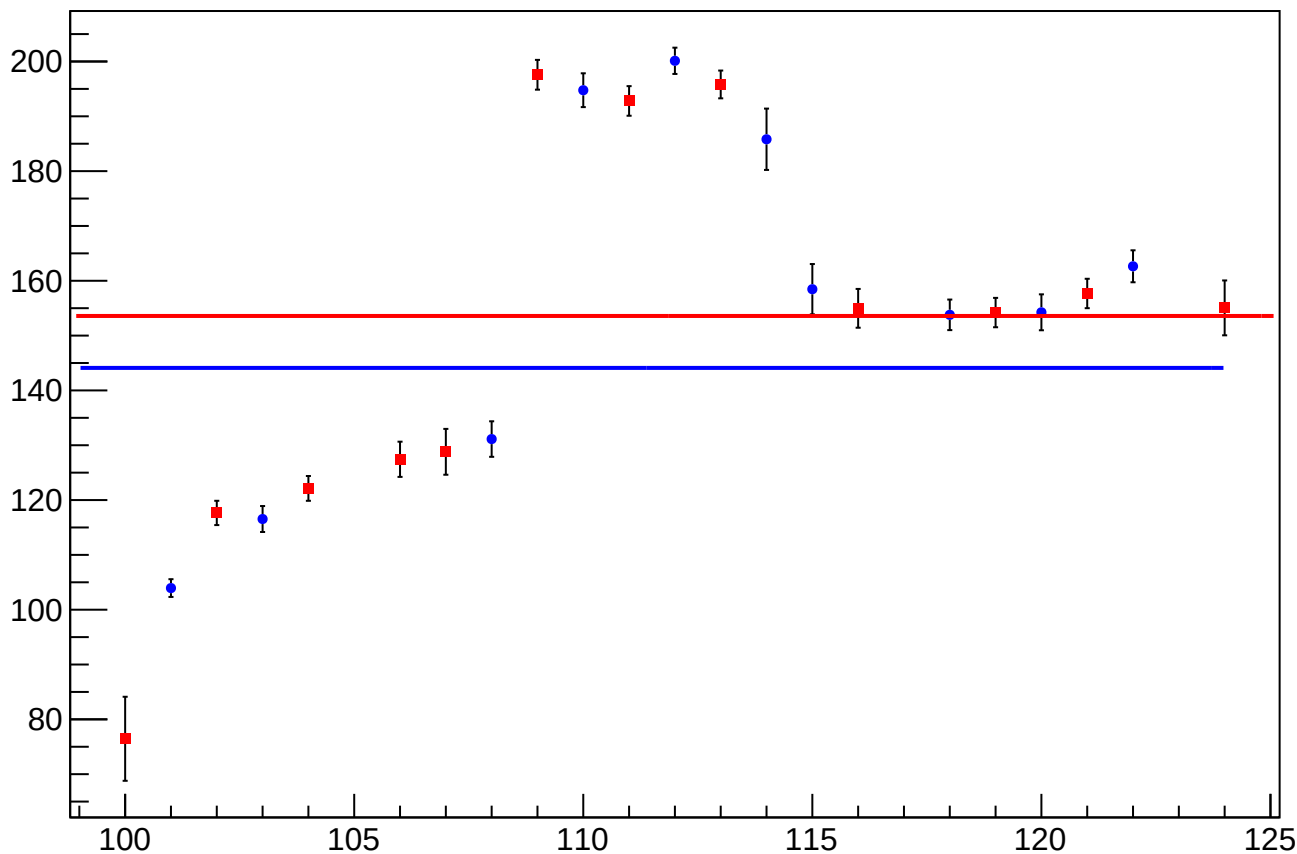
Right: 9.959+/-0.568 χ^2/NDF : 308.9/21

In: 8.033+/-0.795 χ^2/NDF : 186.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.959+/-0.568 χ^2/NDF : 308.9/21

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 144.107+/-0.860 χ^2/NDF : 1709.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 153.582+/-0.846 χ^2/NDF : 1412.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

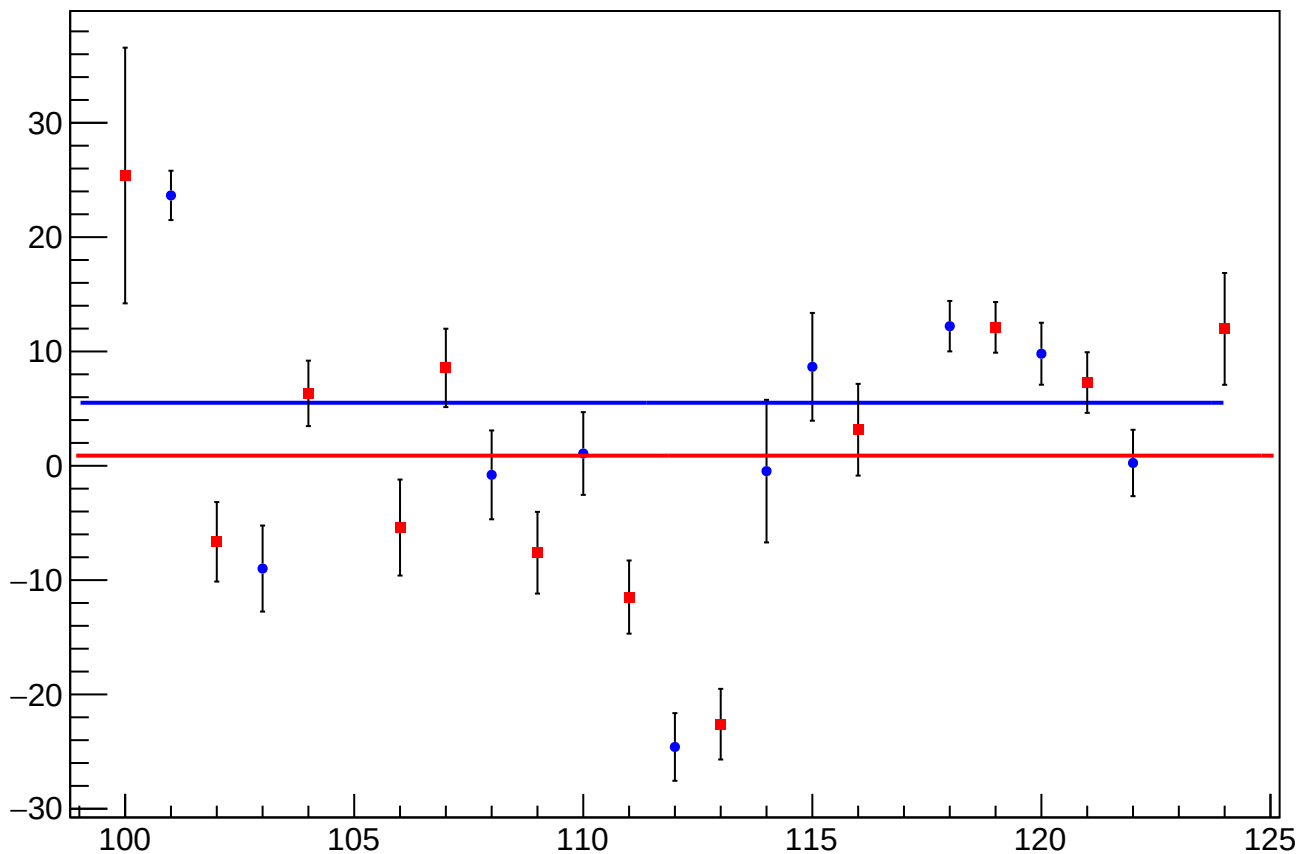
Right: 148.920+/-0.603 χ^2/NDF : 3184.3/21

In: 144.107+/-0.860 χ^2/NDF :1709.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 148.920+/-0.603 χ^2/NDF : 3184.3/21

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.513+/-0.965 χ^2/NDF : 209.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.888+/-0.960 χ^2/NDF : 135.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

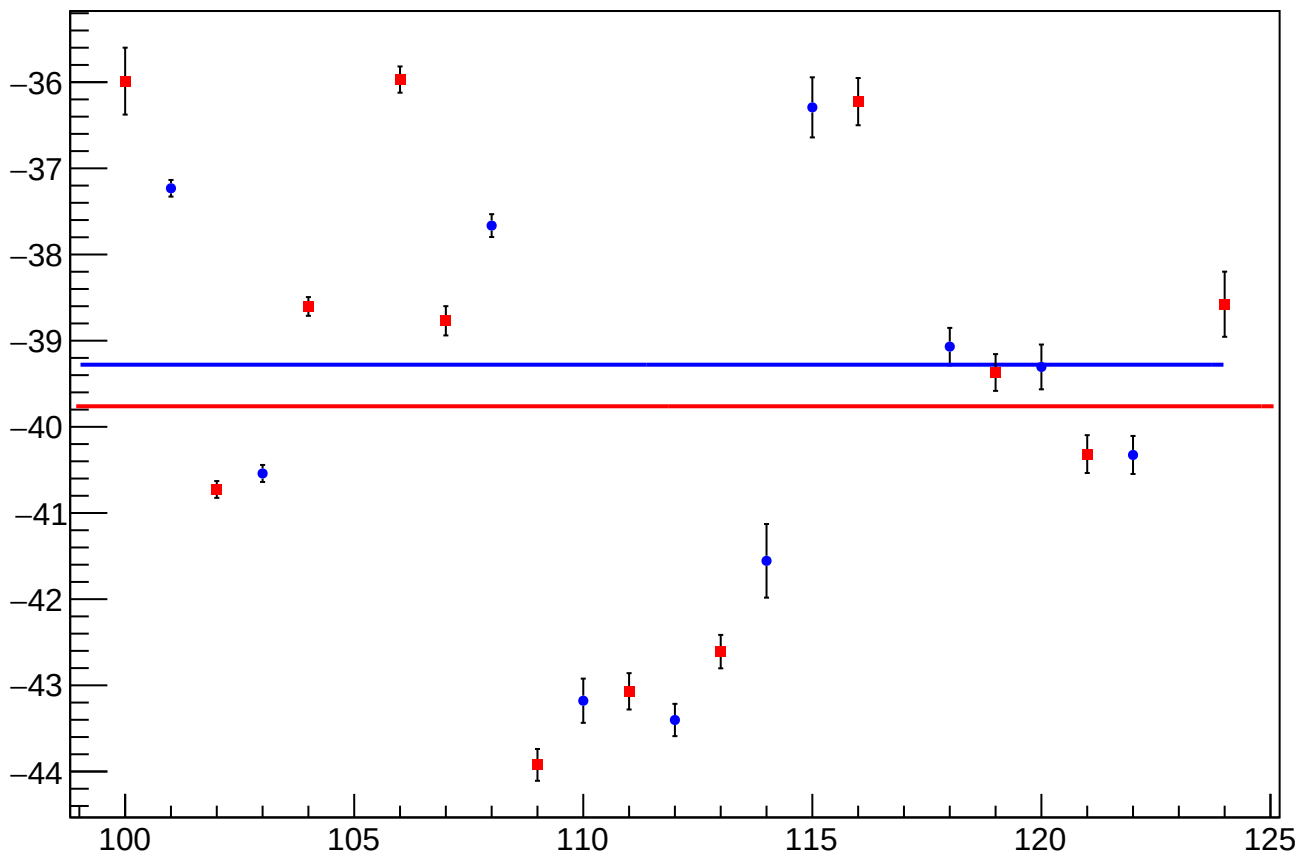
Right: 3.188+/-0.681 χ^2/NDF : 356.8/21

In: 5.513+/-0.965 χ^2/NDF : 209.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.188+/-0.681 χ^2/NDF : 356.8/21

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.279 ± 0.051 $\chi^2/\text{NDF}: 1600.6/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.761 ± 0.049 $\chi^2/\text{NDF}: 2114.8/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

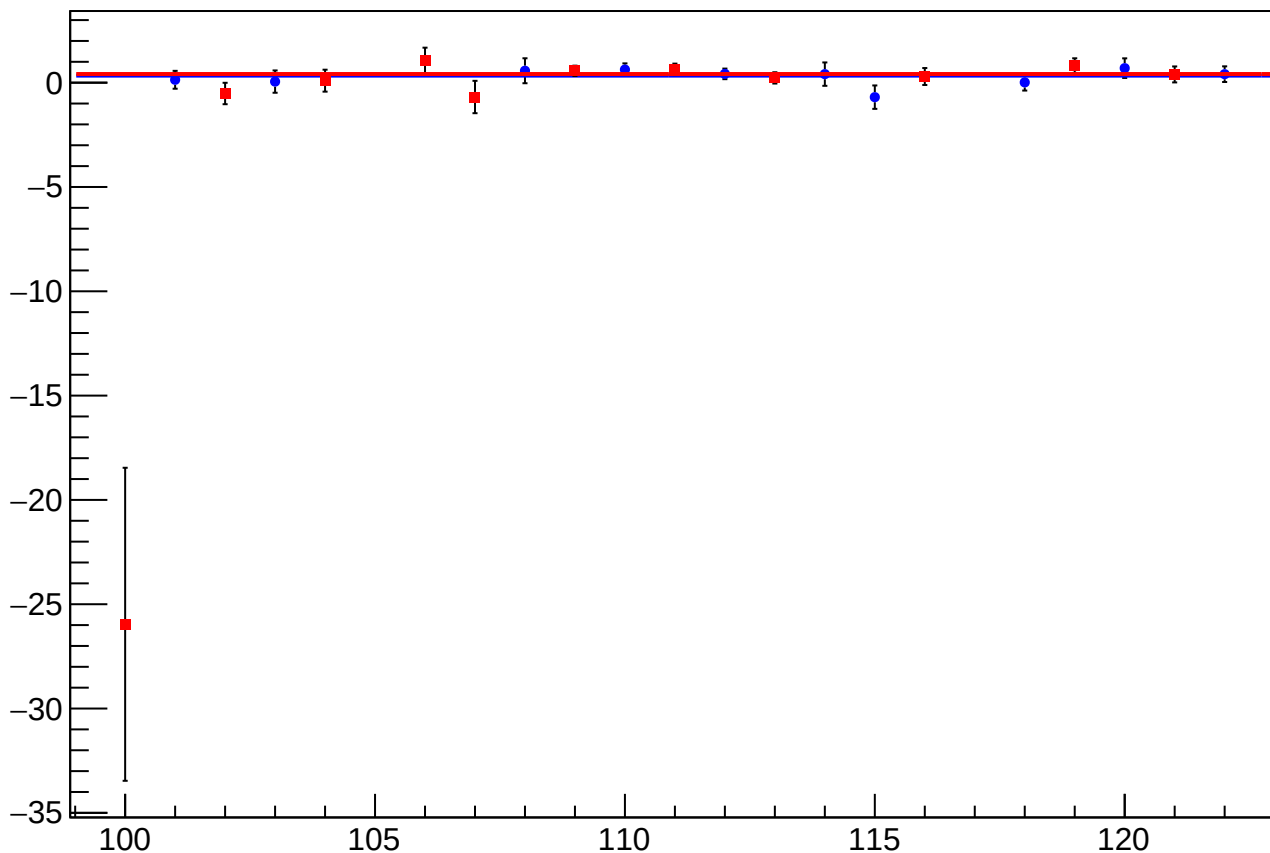
Right: -39.531 ± 0.035 $\chi^2/\text{NDF}: 3761.7/21$

In: -39.279 ± 0.051 $\chi^2/\text{NDF}: 1600.6/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.531 ± 0.035 $\chi^2/\text{NDF}: 3761.7/21$

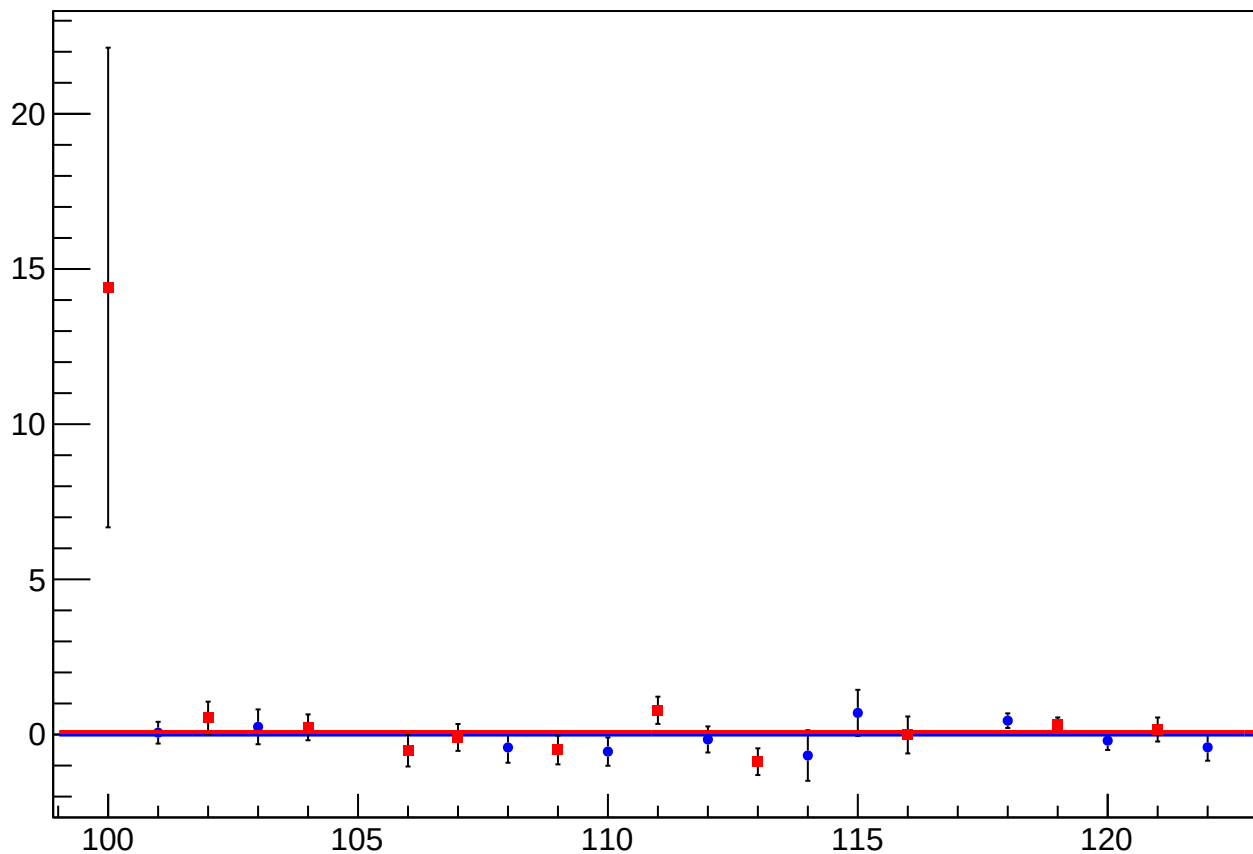
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.339+/-0.126 χ^2/NDF : 6.4/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.414+/-0.115 χ^2/NDF : 22.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.380+/-0.085 χ^2/NDF : 28.6/20
 In: 0.339+/-0.126 χ^2/NDF : 6.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.380+/-0.085 χ^2/NDF : 28.6/20

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.125 χ^2 /NDF: 9.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.081+/-0.128 χ^2 /NDF: 15.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

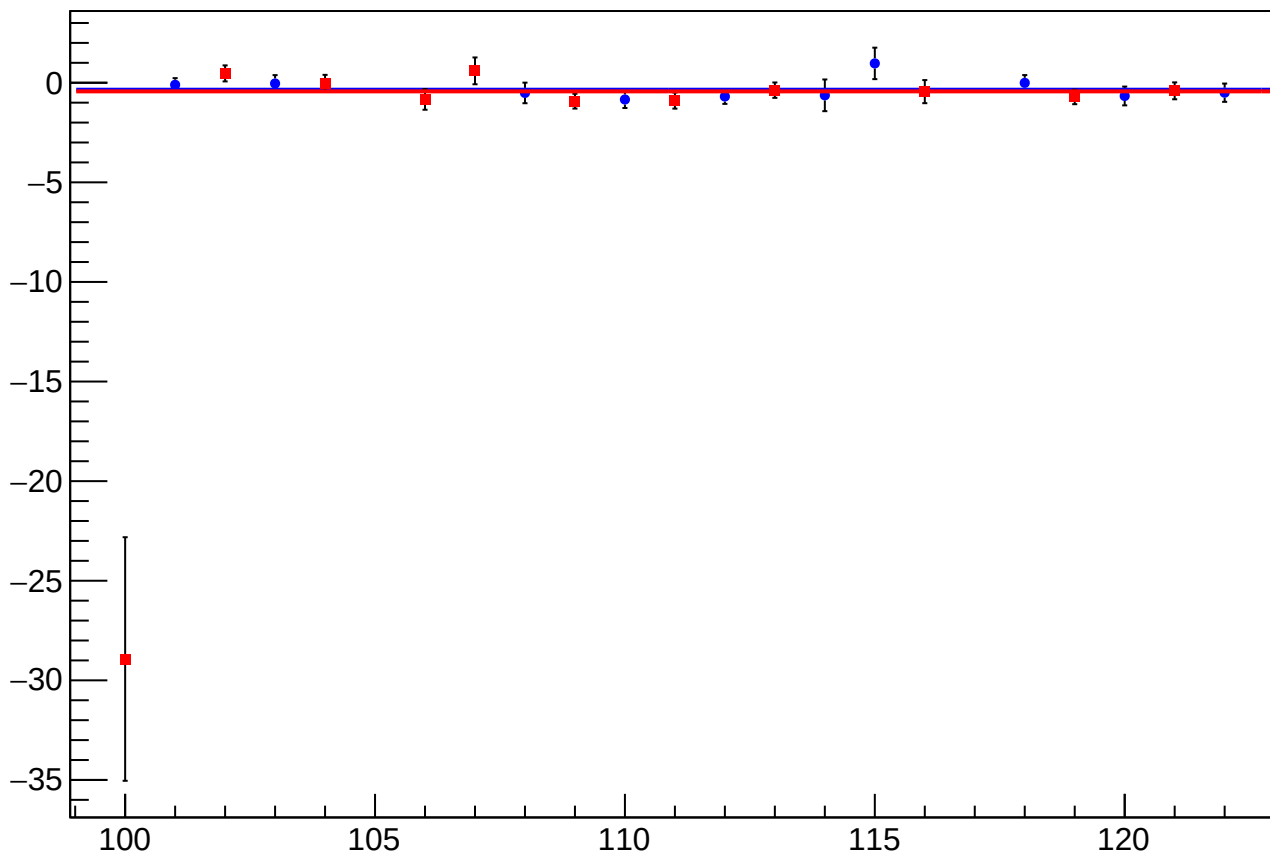
Right: 0.039+/-0.090 χ^2 /NDF: 25.1/20

In: -0.001+/-0.125 χ^2 /NDF:9.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.039+/-0.090 χ^2 /NDF: 25.1/20

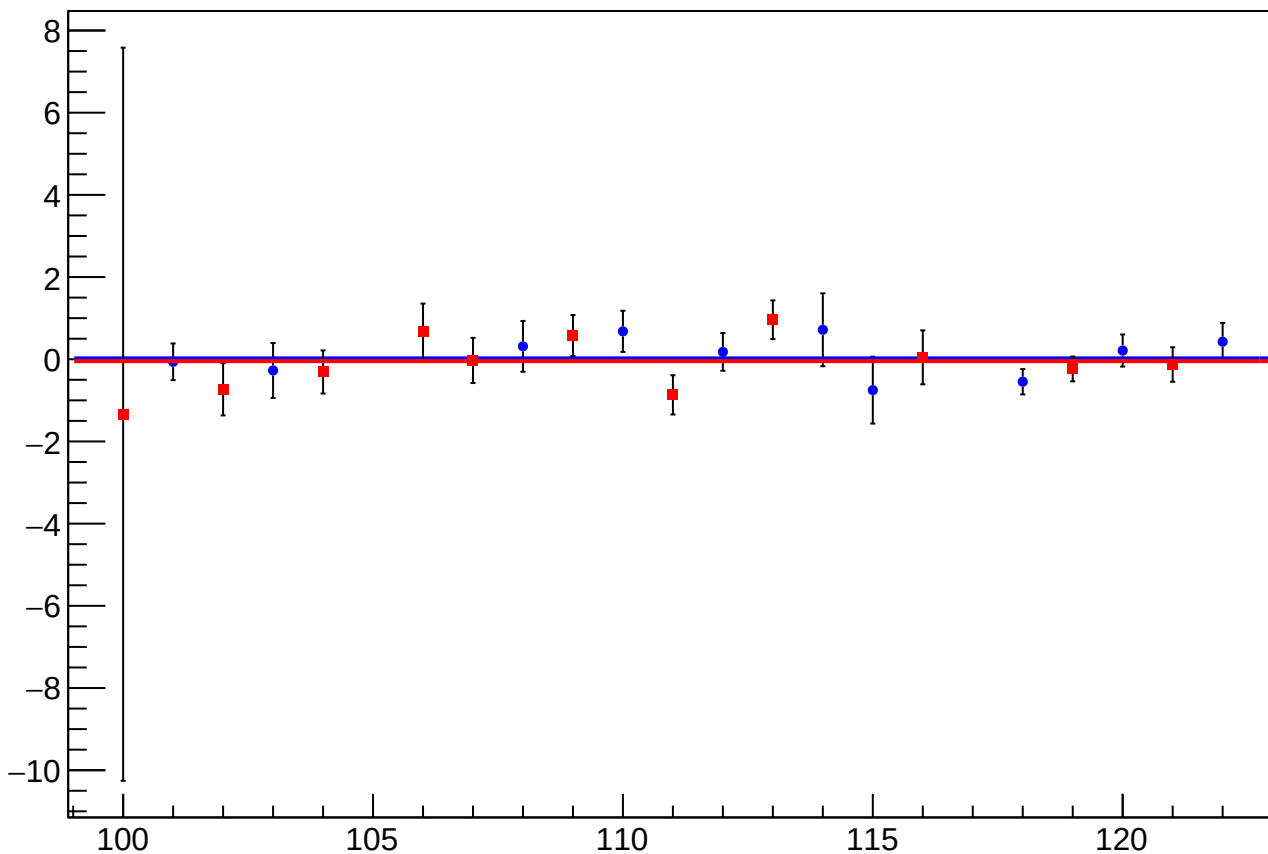
reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.350+/-0.141 χ^2/NDF : 7.6/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.433+/-0.136 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: -0.393+/-0.098 χ^2/NDF : 42.2/20
 In: -0.350+/-0.141 χ^2/NDF : 7.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.393+/-0.098 χ^2/NDF : 42.2/20

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.152 χ^2/NDF : 8.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.046+/-0.152 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

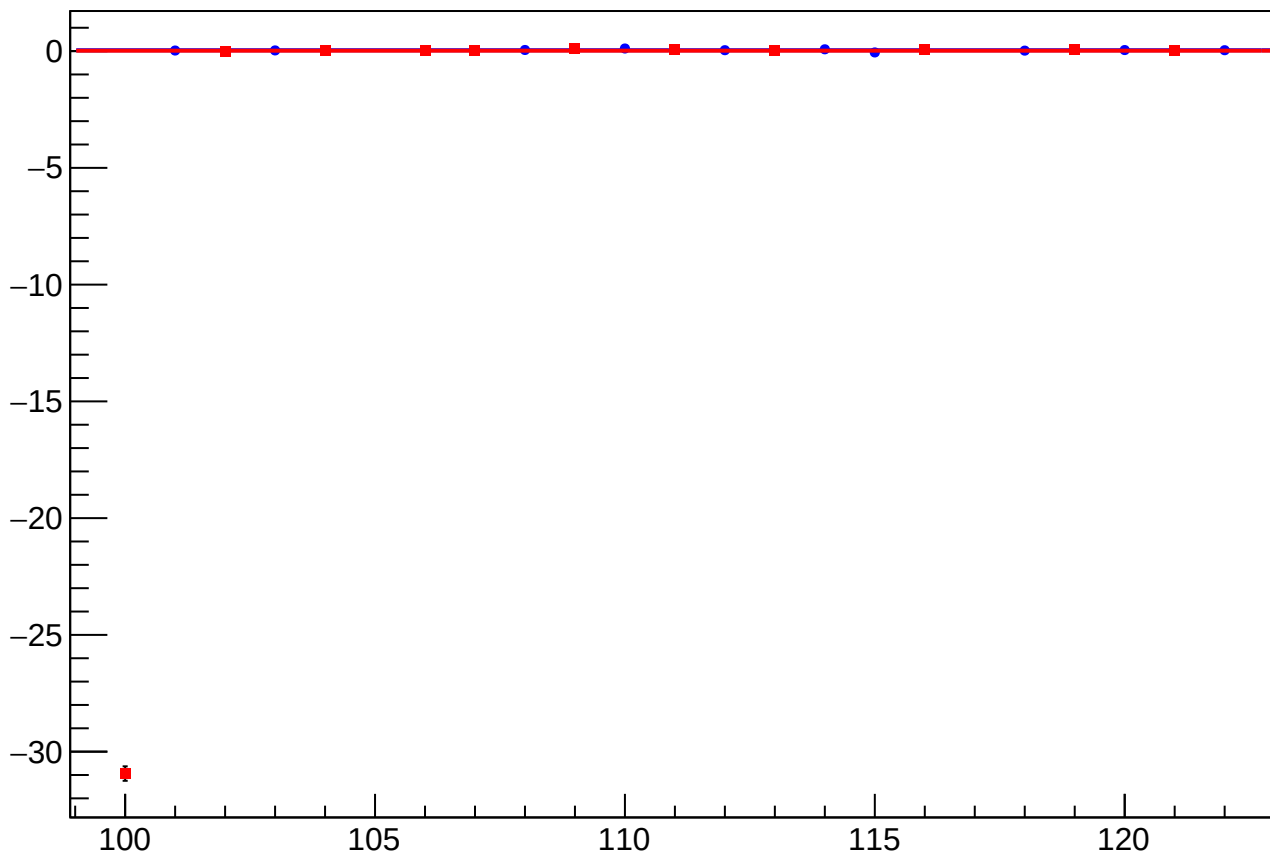
Right: -0.012+/-0.107 χ^2/NDF : 20.4/20

In: 0.021+/-0.152 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.107 χ^2/NDF : 20.4/20

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.009 χ^2 /NDF: 8.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.019 $\pm$ 0.008 χ^2 /NDF: 10009.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

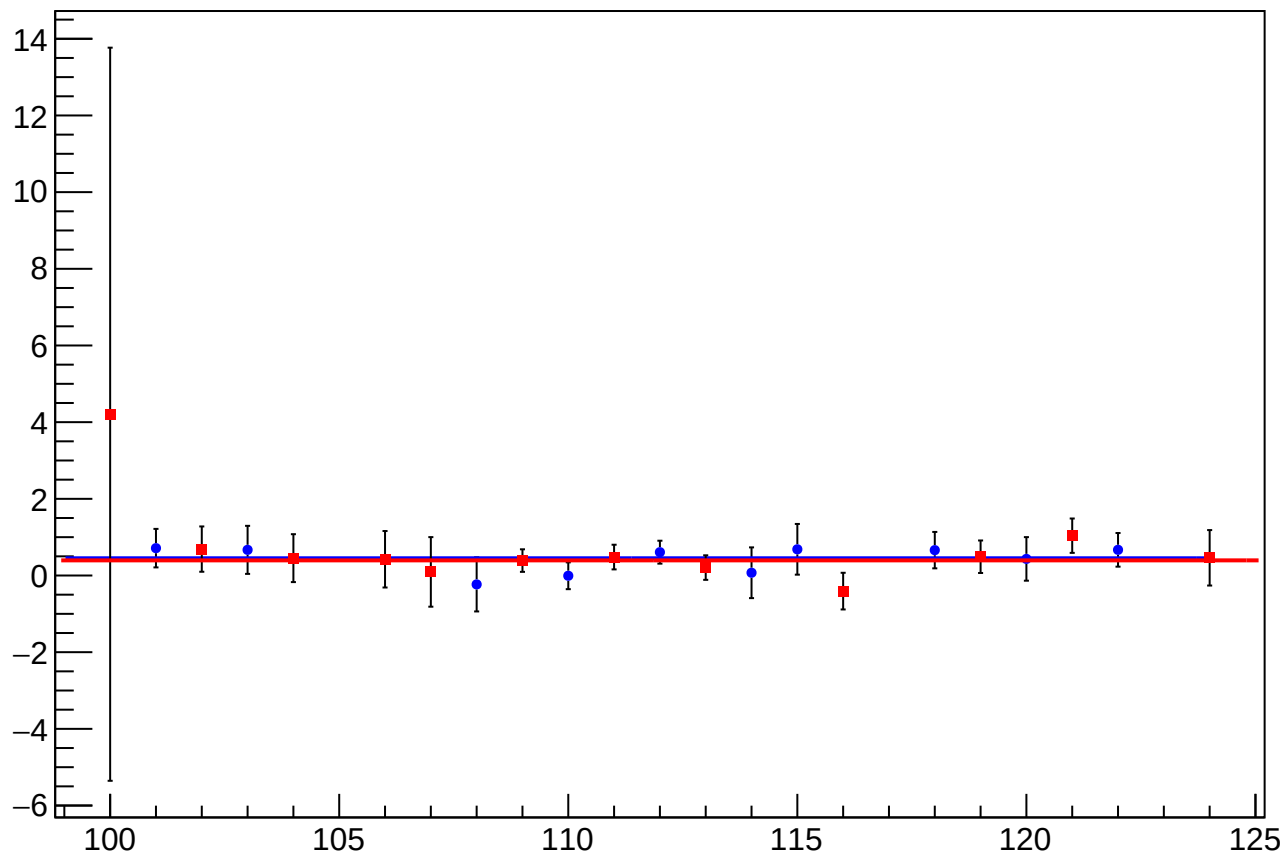
Right: 0.027 $\pm$ 0.006 χ^2 /NDF: 10020.1/20

In: 0.038 $\pm$ 0.009 χ^2 /NDF: 8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.006 χ^2 /NDF: 10020.1/20

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.449+/-0.149 χ^2/NDF : 4.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.395+/-0.133 χ^2/NDF : 5.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

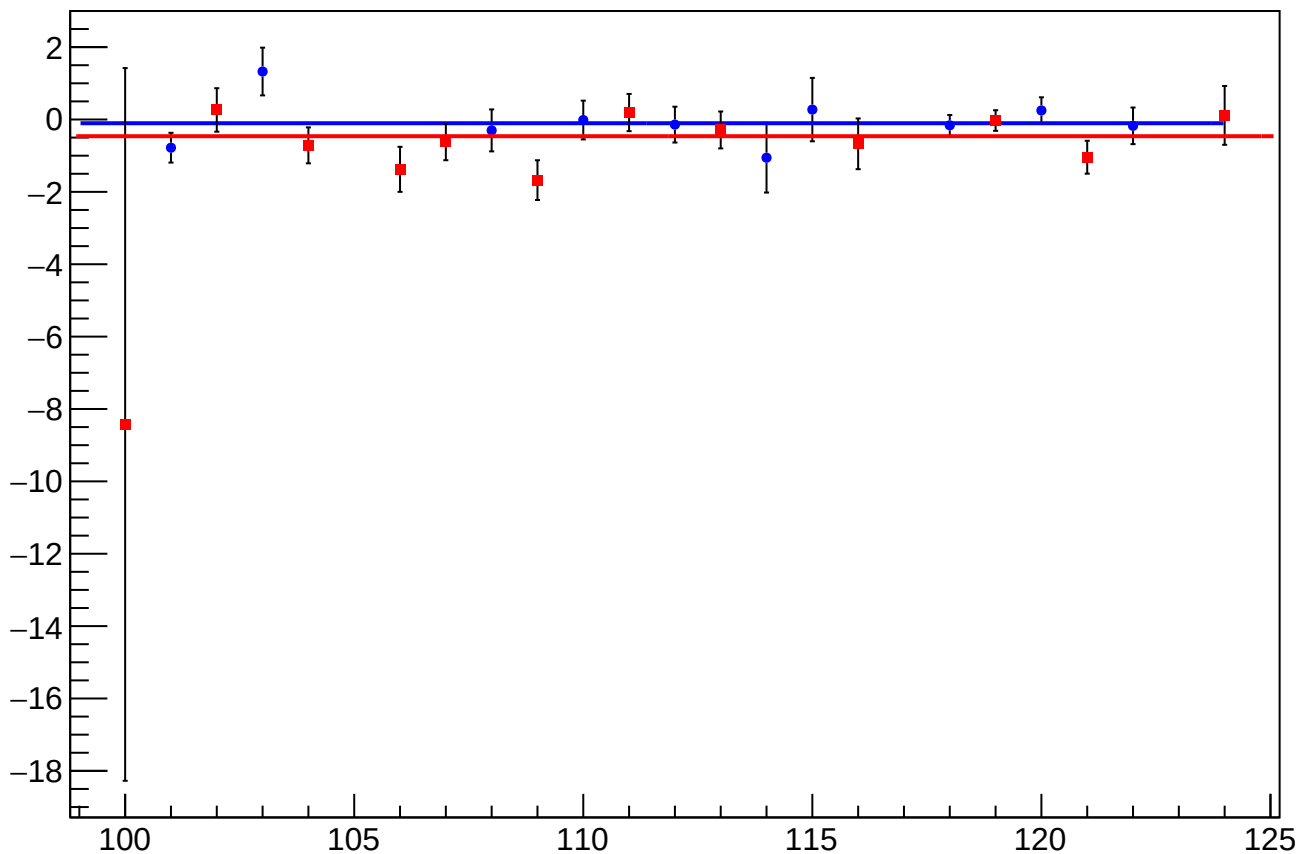
Right: 0.419+/-0.099 χ^2/NDF : 10.2/21

In: 0.449+/-0.149 χ^2/NDF : 4.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.419+/-0.099 χ^2/NDF : 10.2/21

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.103 ± 0.149 χ^2/NDF : 9.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.462 ± 0.149 χ^2/NDF : 15.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

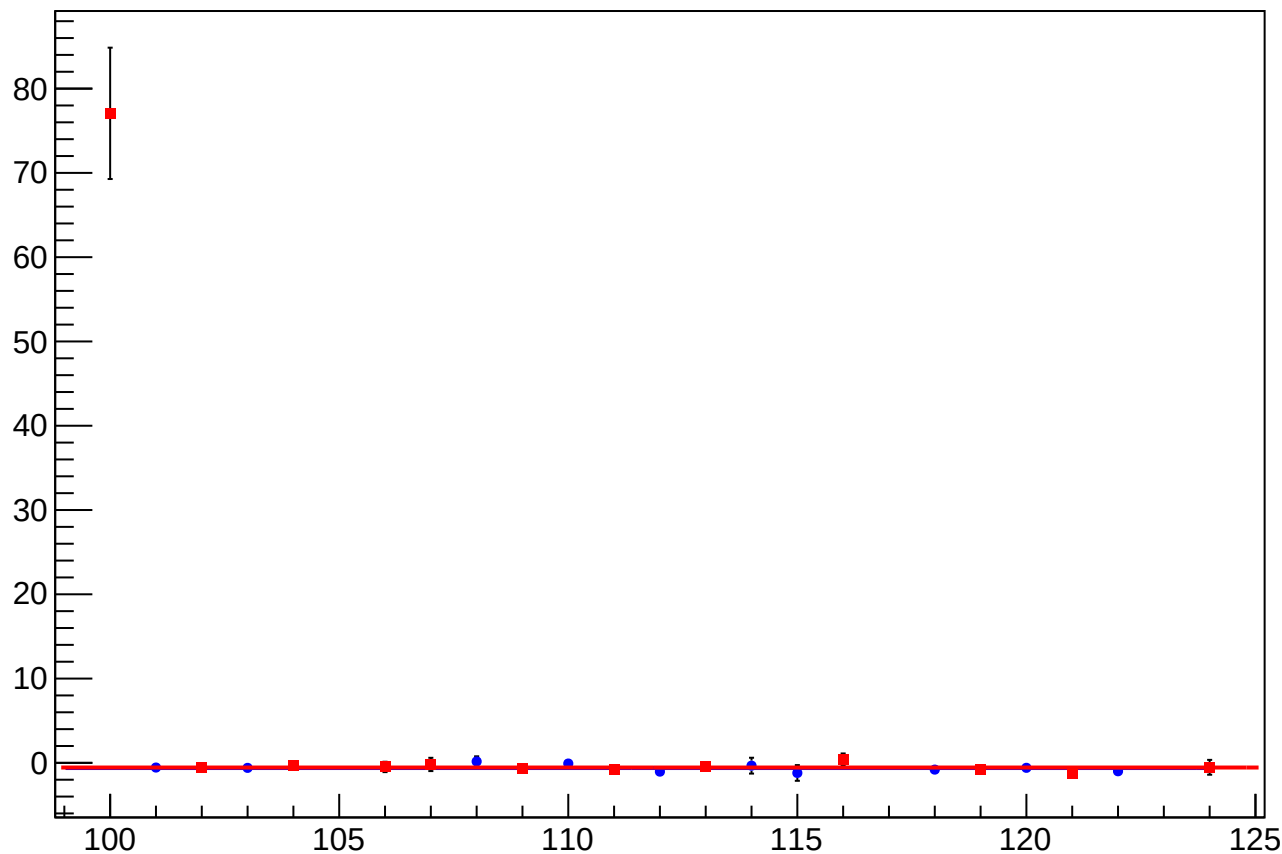
Right: -0.283 ± 0.105 χ^2/NDF : 28.4/21

In: -0.103 ± 0.149 χ^2/NDF : 9.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.283 ± 0.105 χ^2/NDF : 28.4/21

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.614 ± 0.167 χ^2/NDF : 4.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.554 ± 0.158 χ^2/NDF : 104.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

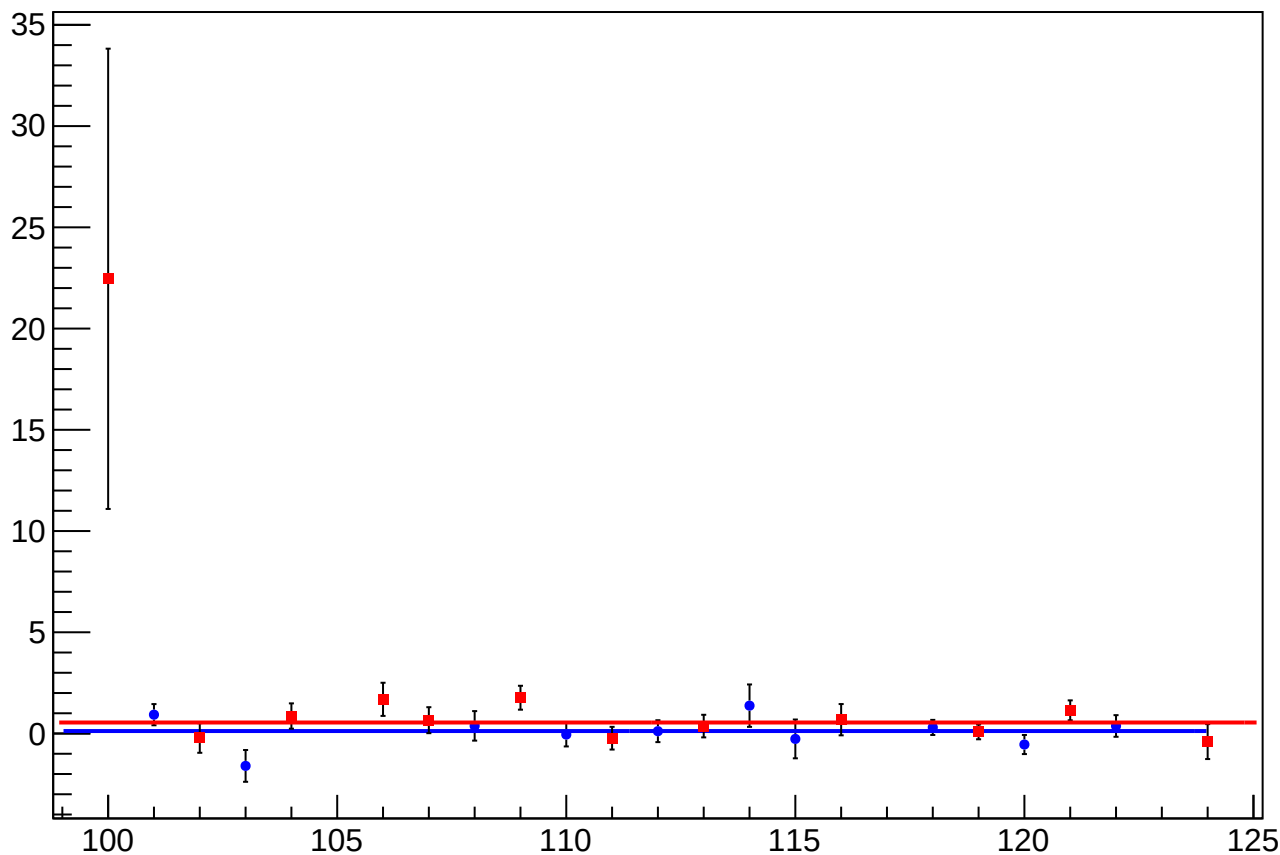
Right: -0.582 ± 0.115 χ^2/NDF : 109.3/21

In: -0.614 ± 0.167 χ^2/NDF : 4.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.582 ± 0.115 χ^2/NDF : 109.3/21

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.122 ± 0.181 $\chi^2/\text{NDF}: 11.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.544 ± 0.176 $\chi^2/\text{NDF}: 17.7/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

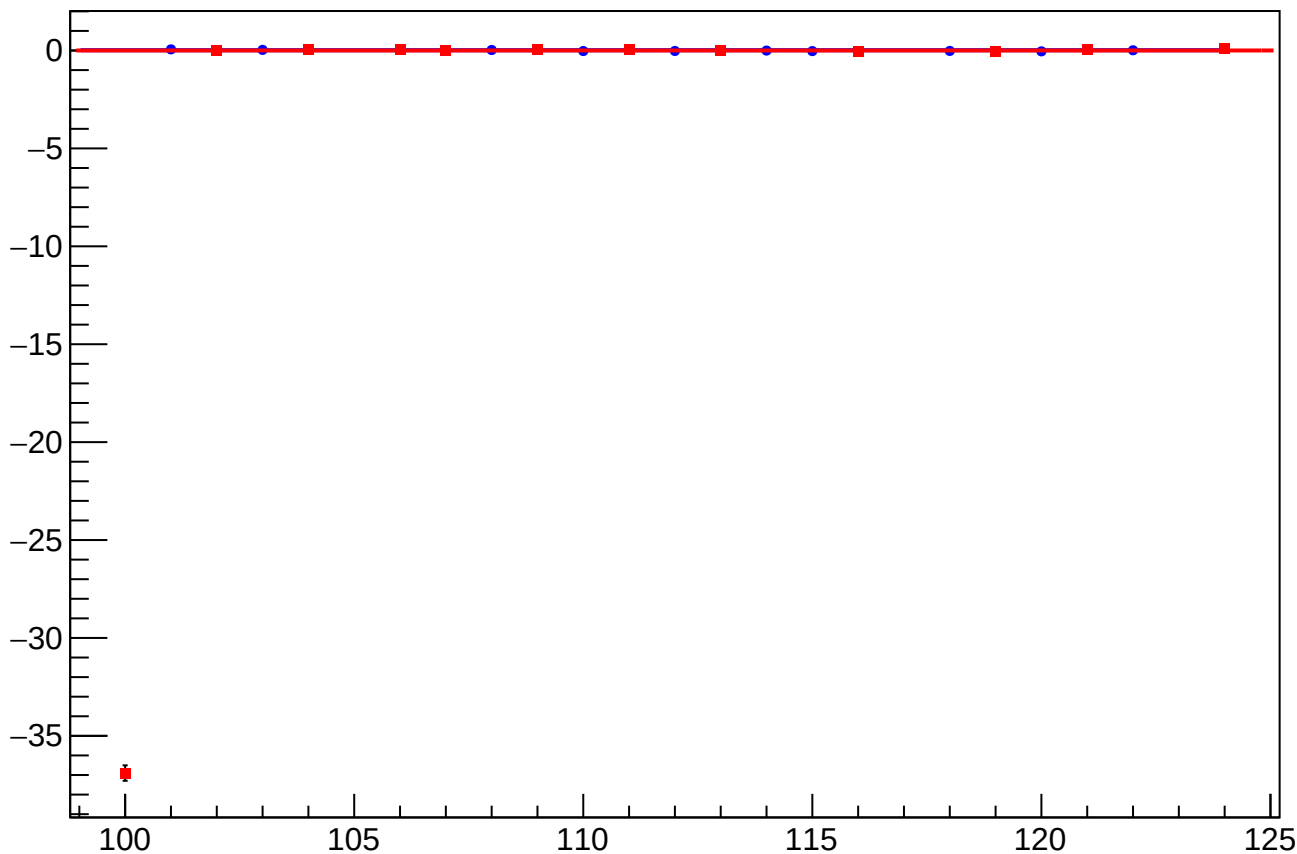
Right: 0.338 ± 0.126 $\chi^2/\text{NDF}: 31.9/21$

In: 0.122 ± 0.181 $\chi^2/\text{NDF}: 11.4/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.338 ± 0.126 $\chi^2/\text{NDF}: 31.9/21$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.016+/-0.010 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.009 χ^2/NDF : 8746.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

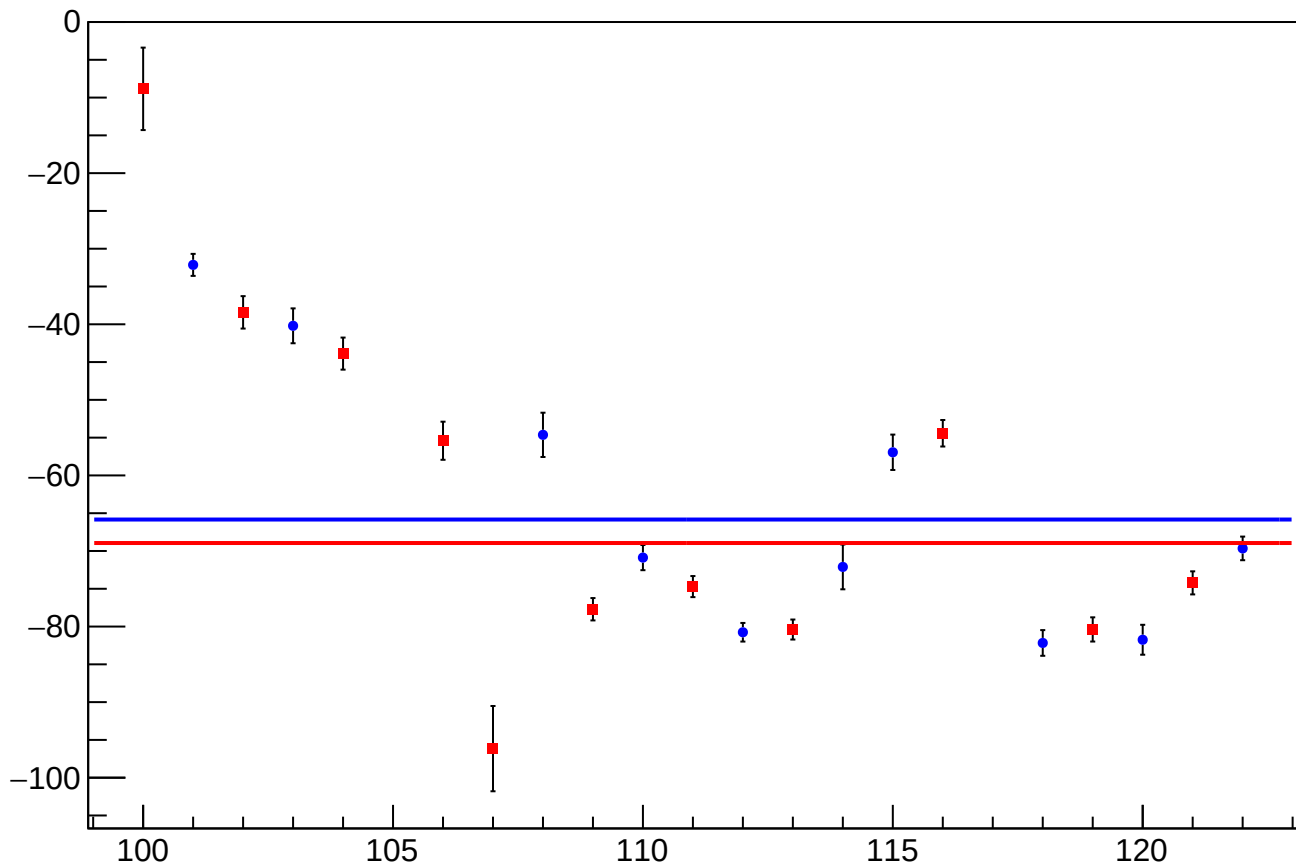
Right: 0.008+/-0.007 χ^2/NDF : 8757.6/21

In: 0.016+/-0.010 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.007 χ^2/NDF : 8757.6/21

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -65.837 ± 0.568 χ^2/NDF : 1010.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -68.945 ± 0.547 χ^2/NDF : 774.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

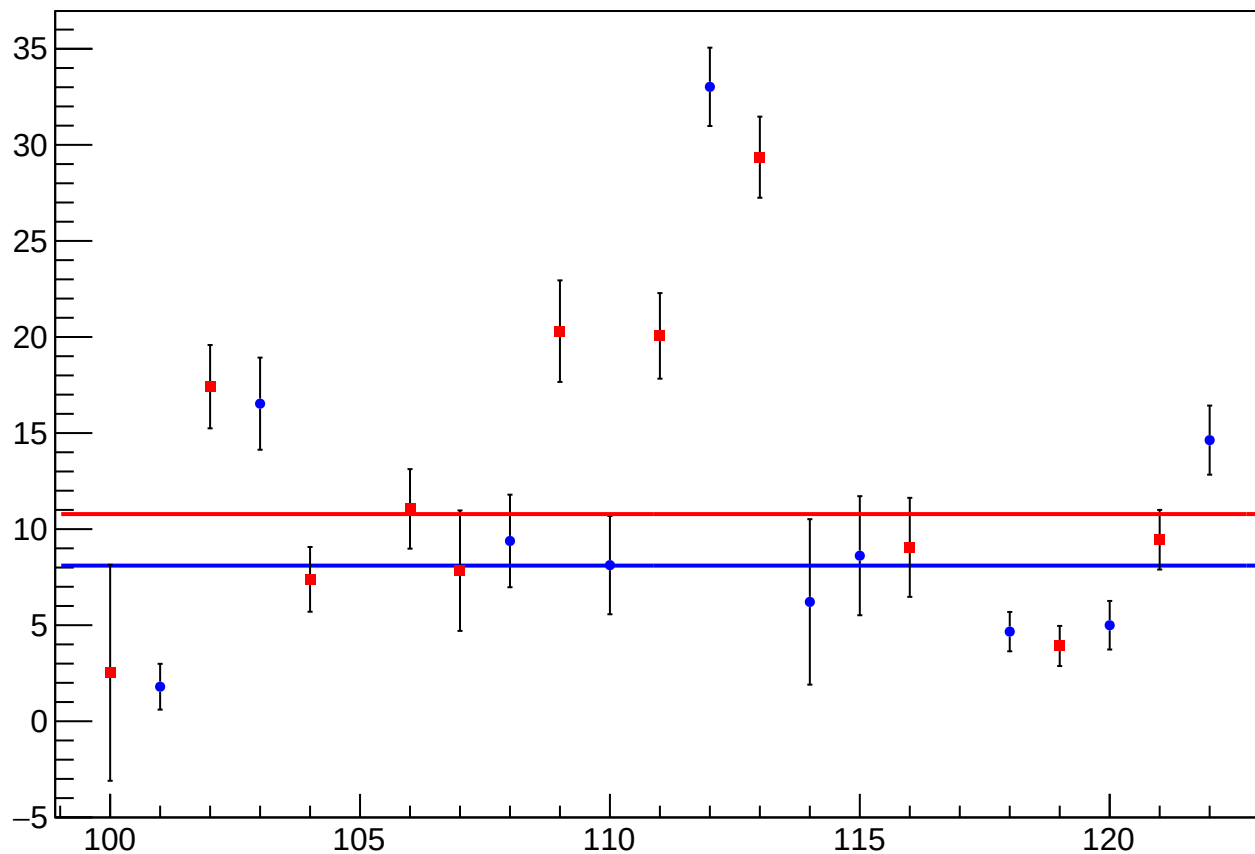
Right: -67.451 ± 0.394 χ^2/NDF : 1800.3/20

In: -65.837 ± 0.568 χ^2/NDF : 1010.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -67.451 ± 0.394 χ^2/NDF : 1800.3/20

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.101+/-0.535 χ^2/NDF : 220.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.783+/-0.579 χ^2/NDF : 168.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

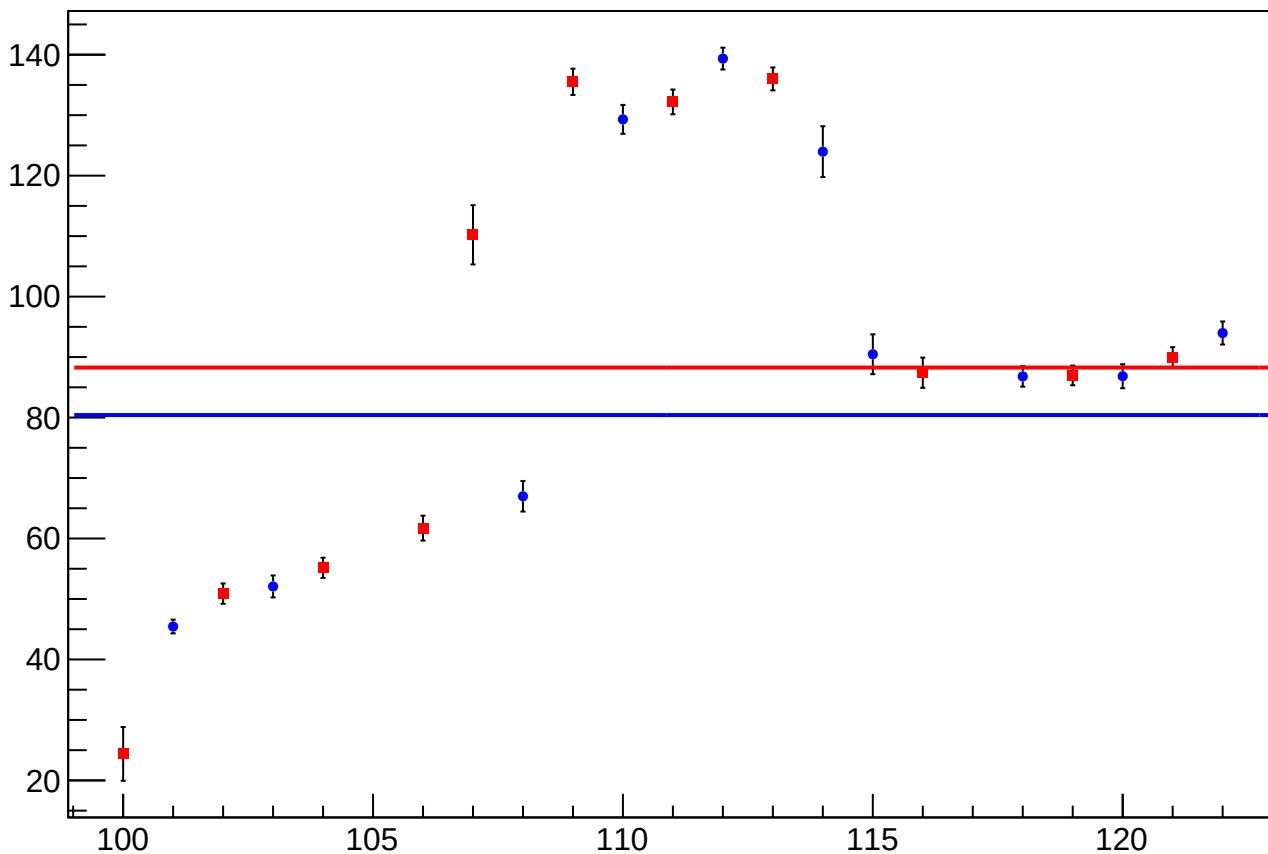
Right: 9.338+/-0.393 χ^2/NDF : 400.9/20

In: 8.101+/-0.535 χ^2/NDF : 220.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.338+/-0.393 χ^2/NDF : 400.9/20

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 80.411+/-0.604 χ^2/NDF : 2891.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 88.268+/-0.614 χ^2/NDF : 2844.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

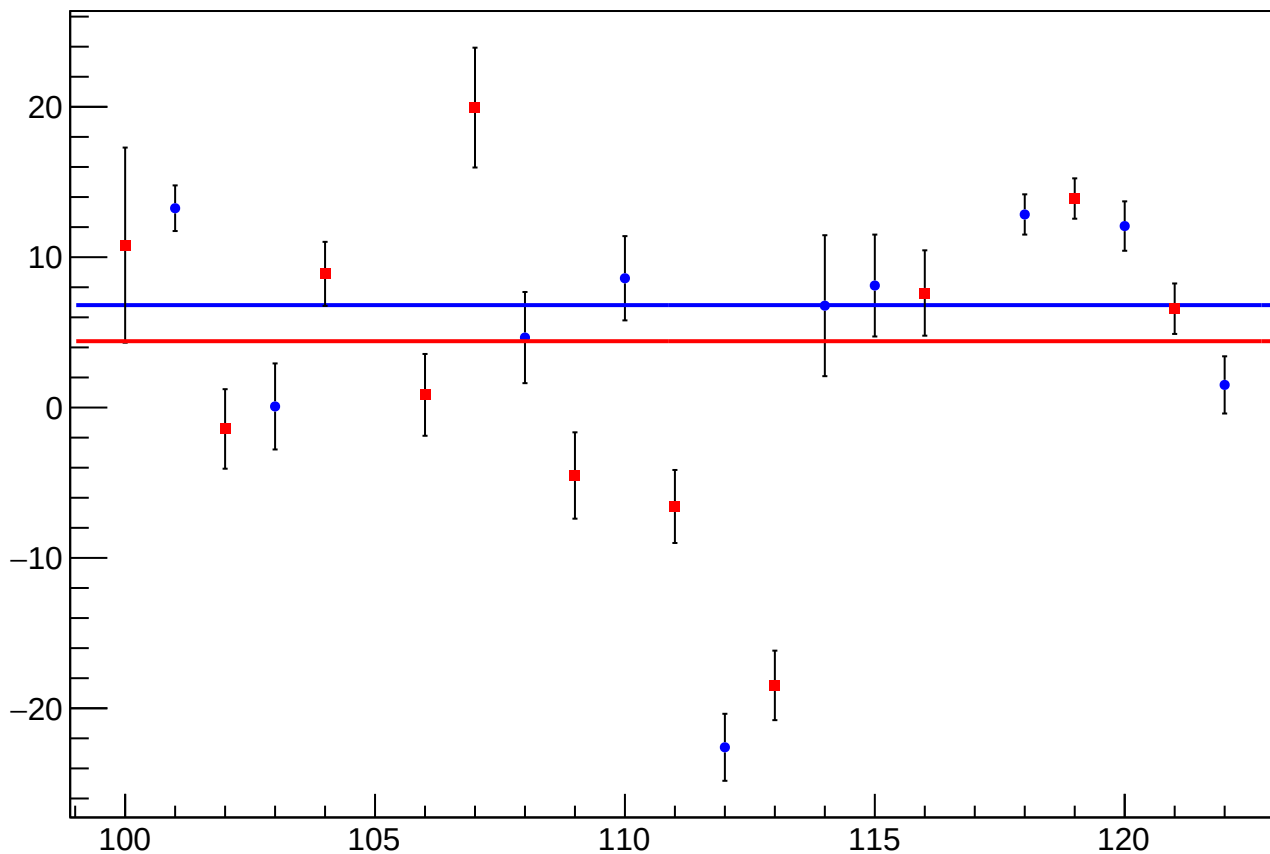
Right: 84.275+/-0.431 χ^2/NDF : 5819.1/20

In: 80.411+/-0.604 χ^2/NDF :2891.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 84.275+/-0.431 χ^2/NDF : 5819.1/20

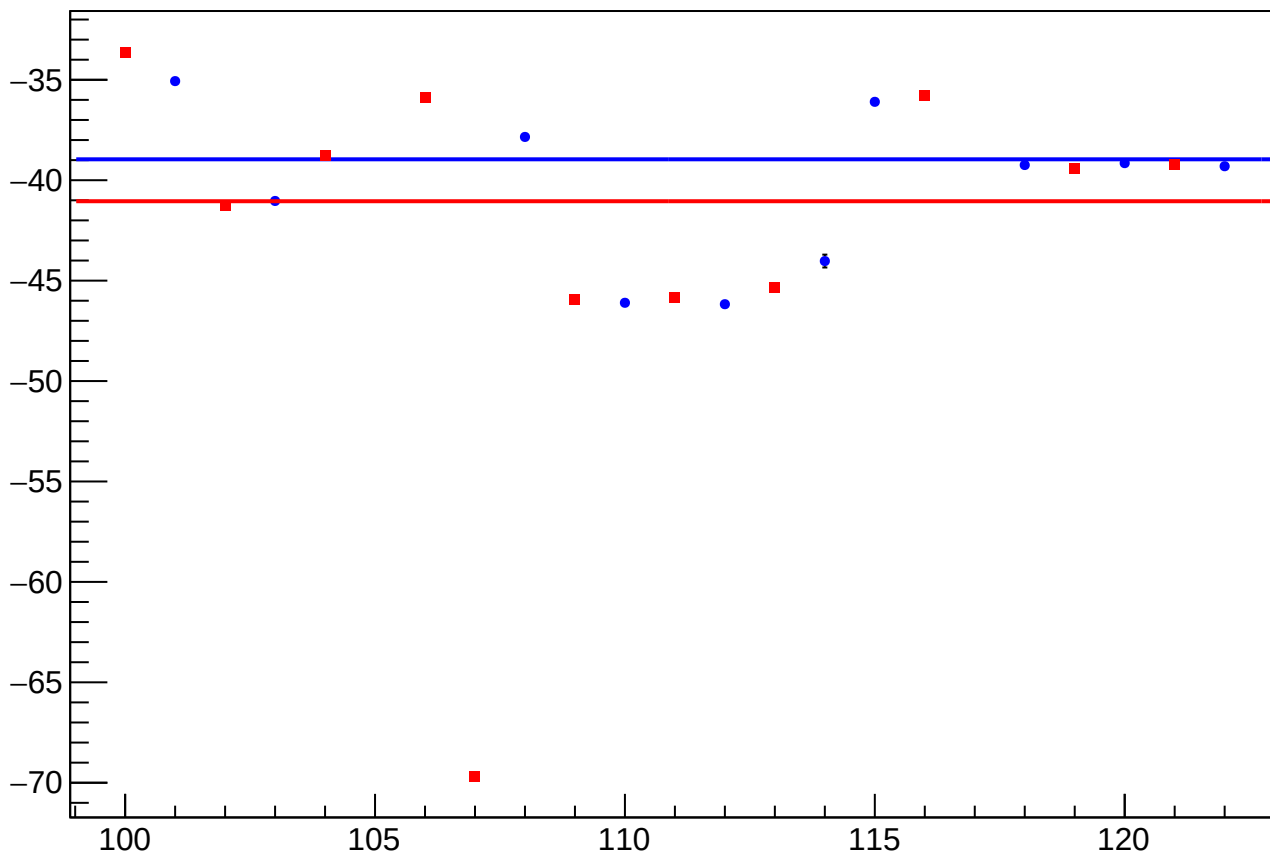
reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.812+/-0.655 χ^2/NDF : 237.1/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 4.413+/-0.690 χ^2/NDF : 208.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 5.676+/-0.475 χ^2/NDF : 451.9/20
 In: 6.812+/-0.655 χ^2/NDF : 237.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.676+/-0.475 χ^2/NDF : 451.9/20

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.959 $\pm$ 0.037 χ^2/NDF : 8448.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -41.046 $\pm$ 0.036 χ^2/NDF : 29393.1/10

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

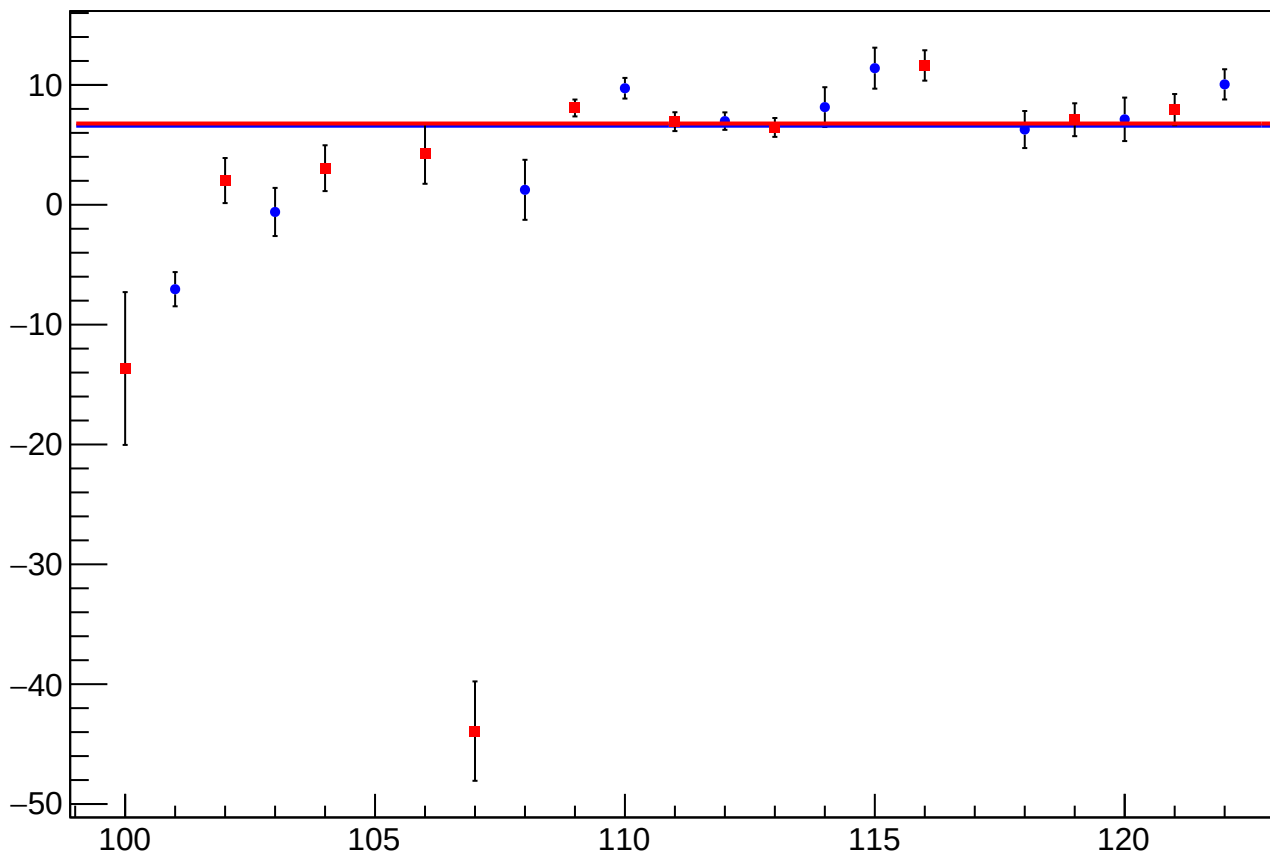
Right: -40.021 $\pm$ 0.026 χ^2/NDF : 39460.8/20

In: -38.959 $\pm$ 0.037 χ^2/NDF : 8448.8/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -40.021 $\pm$ 0.026 χ^2/NDF : 39460.8/20

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.599+/-0.402 χ^2/NDF : 138.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.781+/-0.358 χ^2/NDF : 190.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

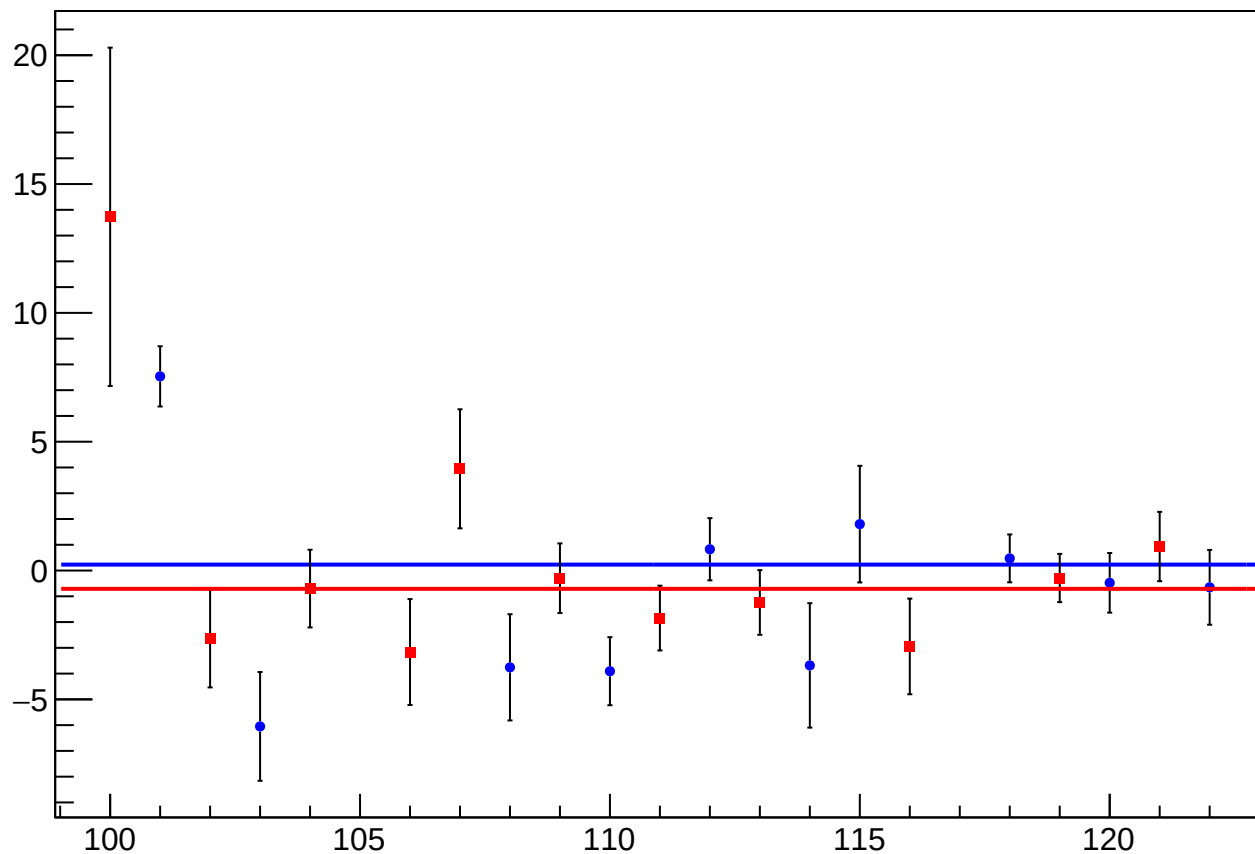
Right: 6.700+/-0.268 χ^2/NDF : 328.6/20

In: 6.599+/-0.402 χ^2/NDF : 138.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.700+/-0.268 χ^2/NDF : 328.6/20

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.230+/-0.439 χ^2/NDF : 65.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.710+/-0.449 χ^2/NDF : 15.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

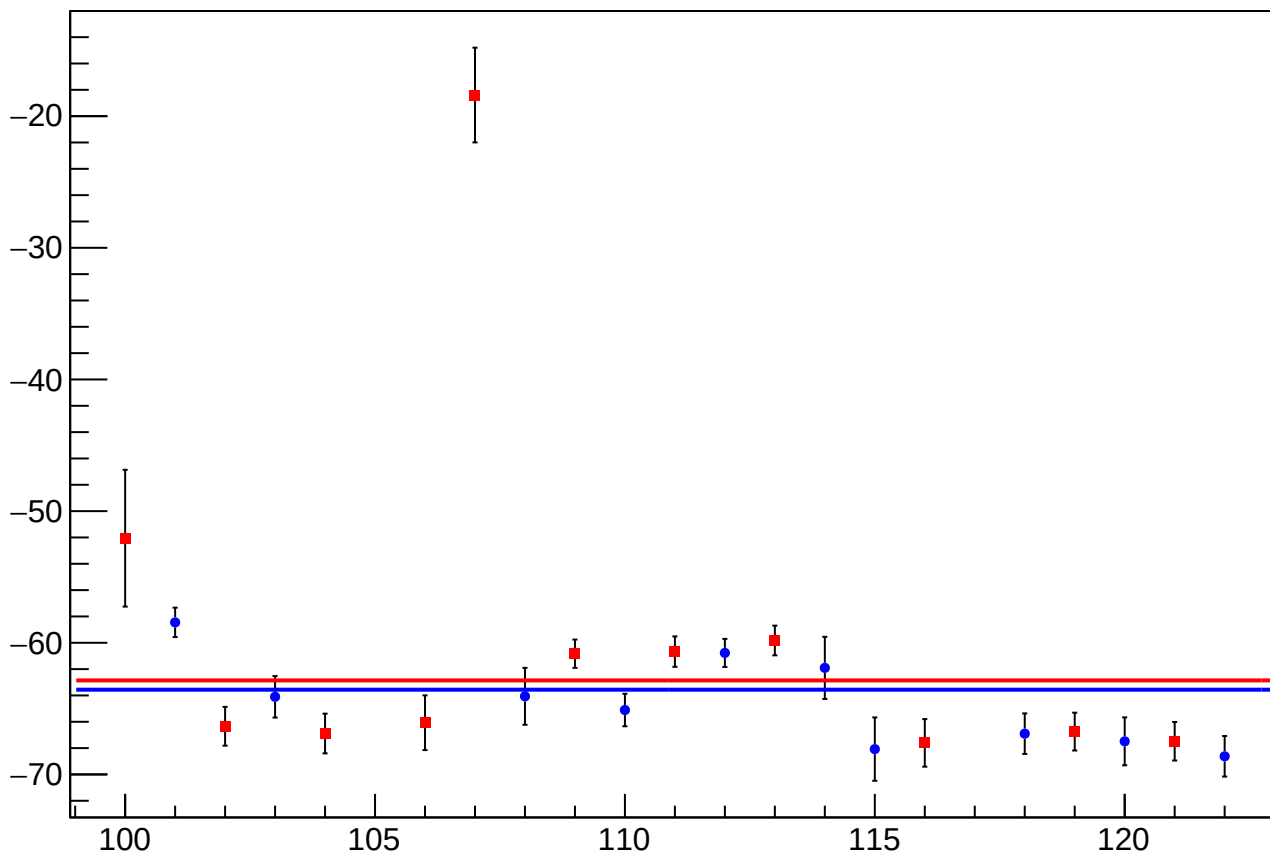
Right: -0.229+/-0.314 χ^2/NDF : 83.5/20

In: 0.230+/-0.439 χ^2/NDF : 65.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.229+/-0.314 χ^2/NDF : 83.5/20

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.563+/-0.474 χ^2/NDF : 53.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.859+/-0.452 χ^2/NDF : 210.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

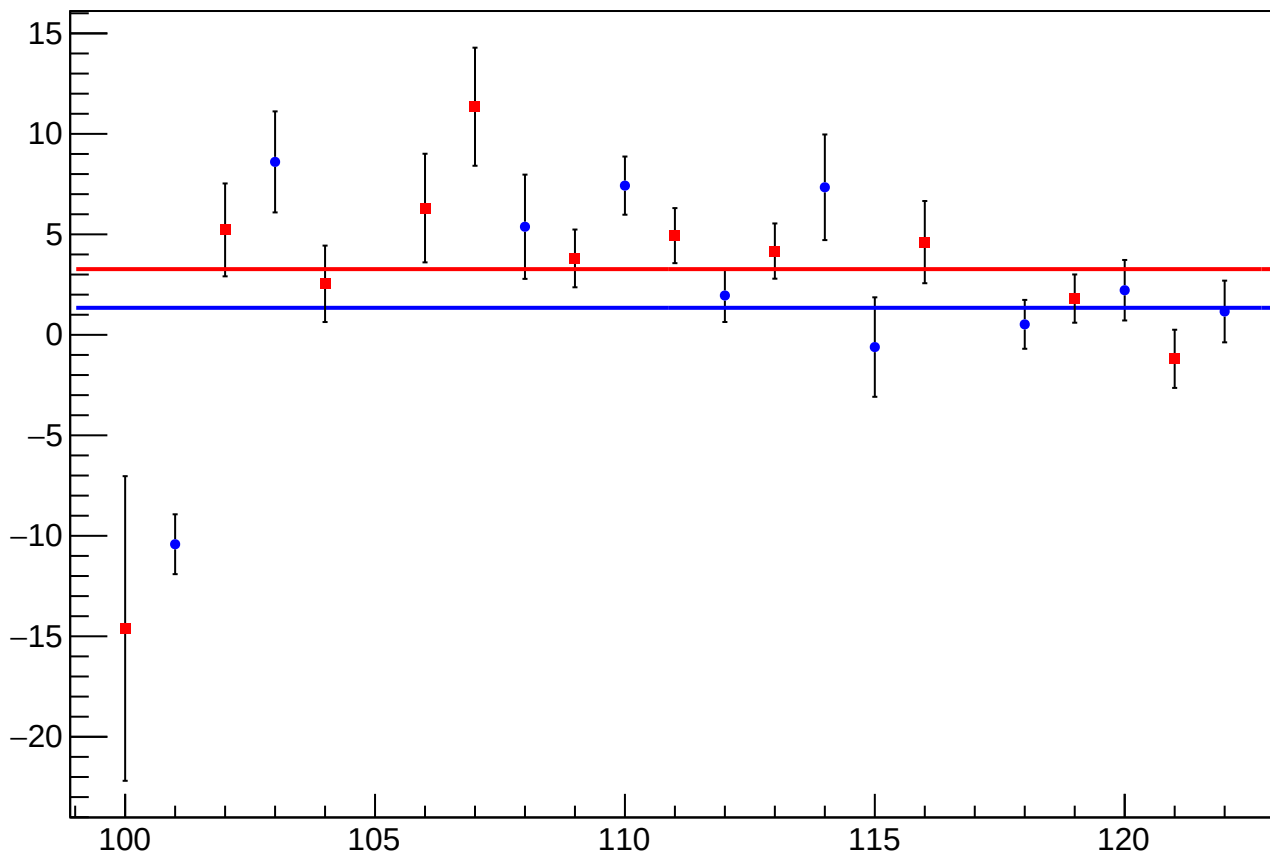
Right: -63.194+/-0.327 χ^2/NDF : 265.6/20

In: -63.563+/-0.474 χ^2/NDF : 53.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.194+/-0.327 χ^2/NDF : 265.6/20

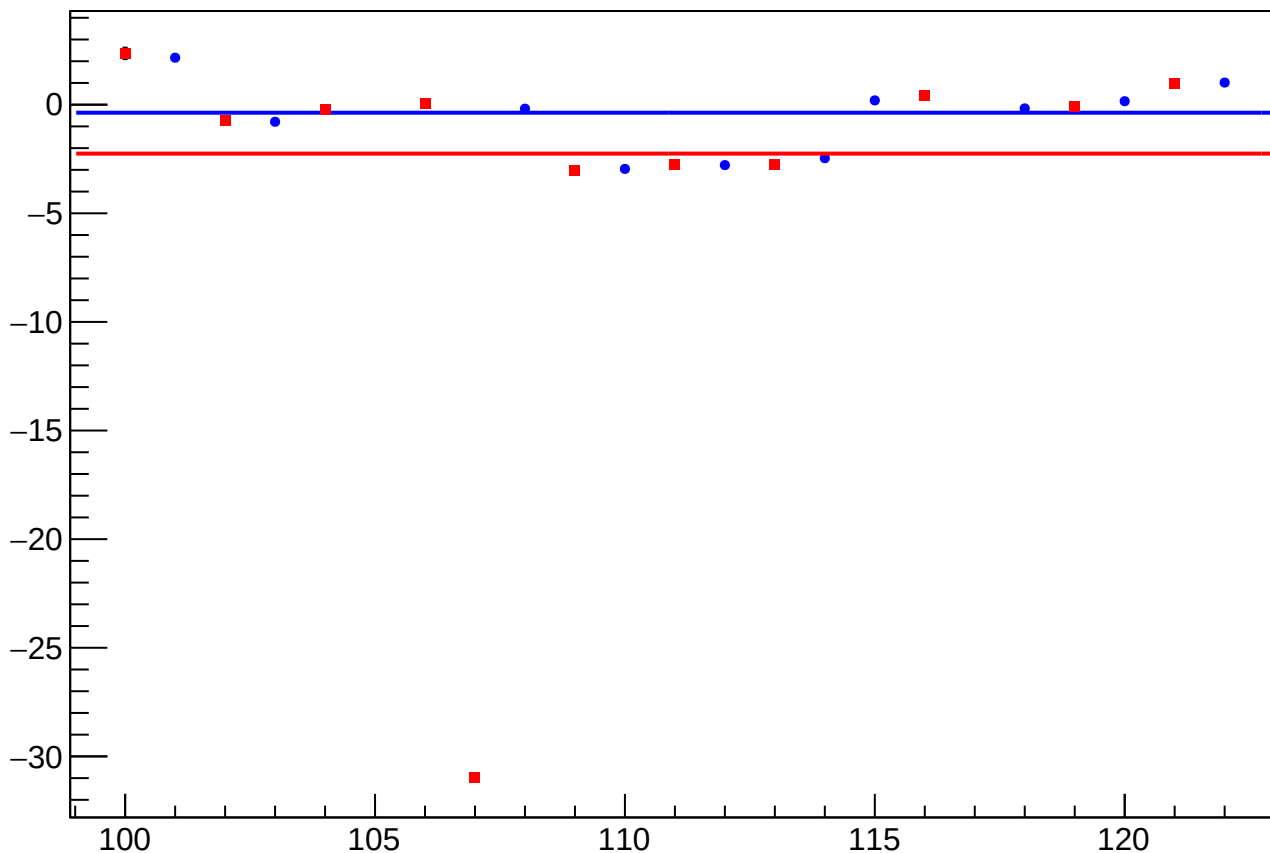
reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.345+/-0.523 χ^2/NDF : 97.7/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 3.270+/-0.520 χ^2/NDF : 28.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.311+/-0.369 χ^2/NDF : 133.2/20
 In: 1.345+/-0.523 χ^2/NDF : 97.7/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.311+/-0.369 χ^2/NDF : 133.2/20

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.369 ± 0.031 χ^2/NDF : 3257.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.252 ± 0.029 χ^2/NDF : 42440.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

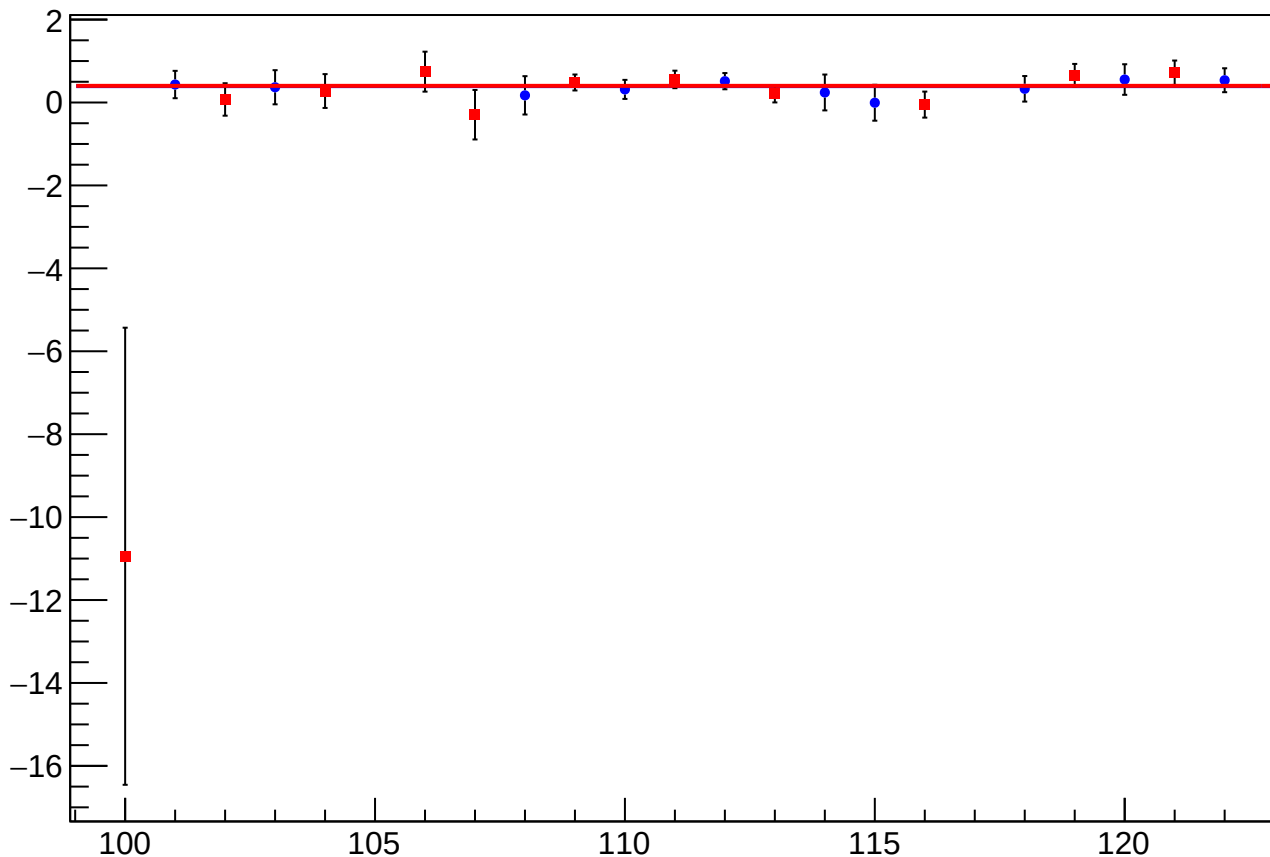
Right: -1.363 ± 0.021 χ^2/NDF : 47706.2/20

In: -0.369 ± 0.031 χ^2/NDF : 3257.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.363 ± 0.021 χ^2/NDF : 47706.2/20

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.395 $\pm$ 0.097 χ^2 /NDF: 2.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.402 $\pm$ 0.089 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

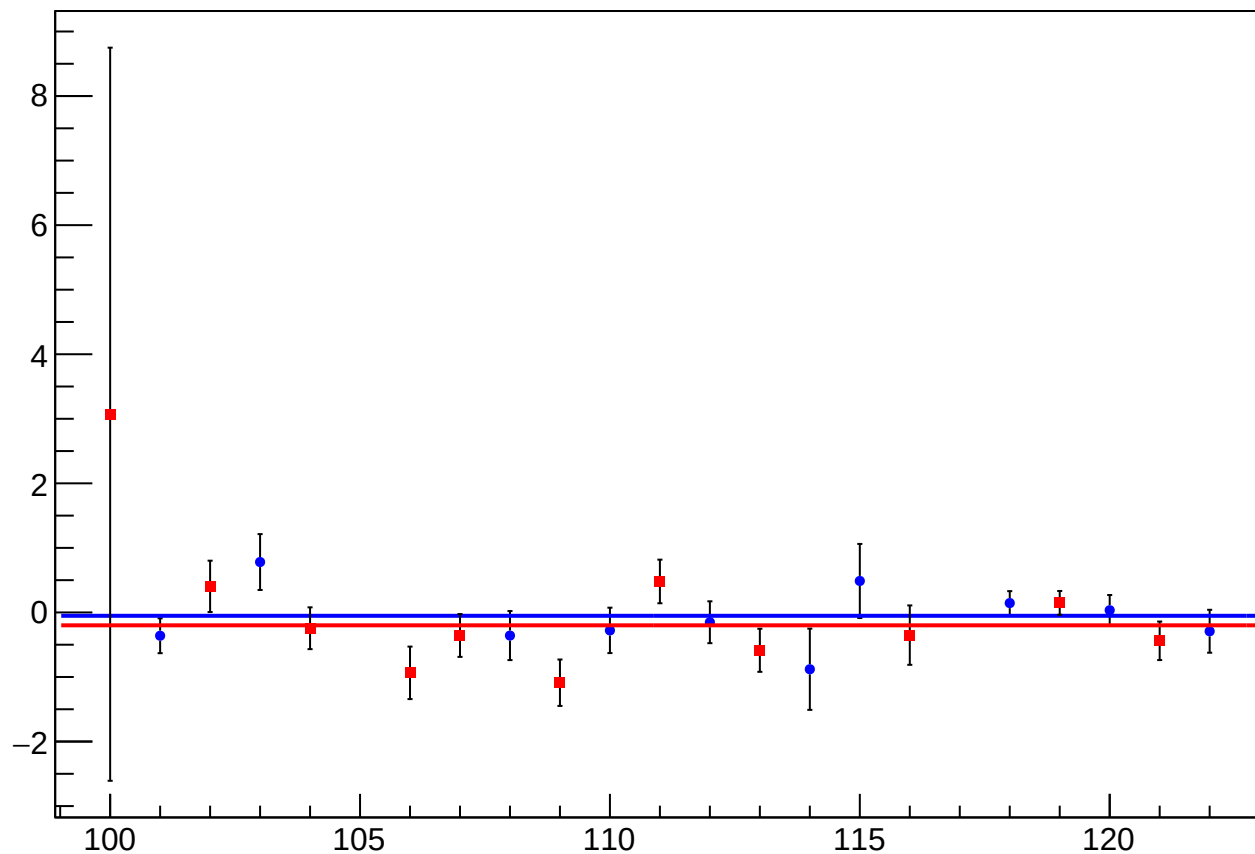
Right: 0.399 $\pm$ 0.066 χ^2 /NDF: 14.7/20

In: 0.395 $\pm$ 0.097 χ^2 /NDF:2.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.399 $\pm$ 0.066 χ^2 /NDF: 14.7/20

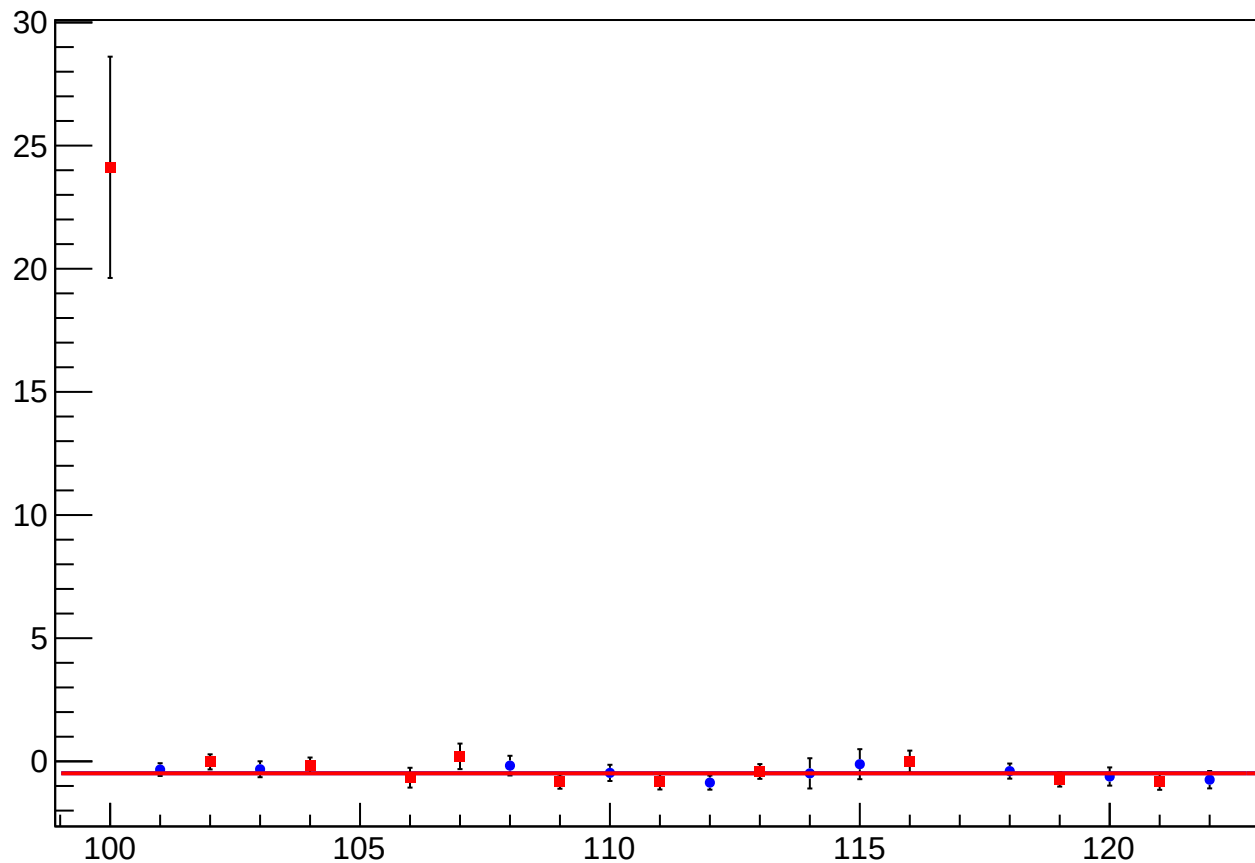
reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.052 ± 0.097 χ^2/NDF : 10.6/9
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.200 ± 0.099 χ^2/NDF : 22.0/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.125 ± 0.069 χ^2/NDF : 33.7/20
 In: -0.052 ± 0.097 χ^2/NDF : 10.6/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.125 ± 0.069 χ^2/NDF : 33.7/20

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.483 ± 0.109 χ^2/NDF : 4.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.487 ± 0.105 χ^2/NDF : 40.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

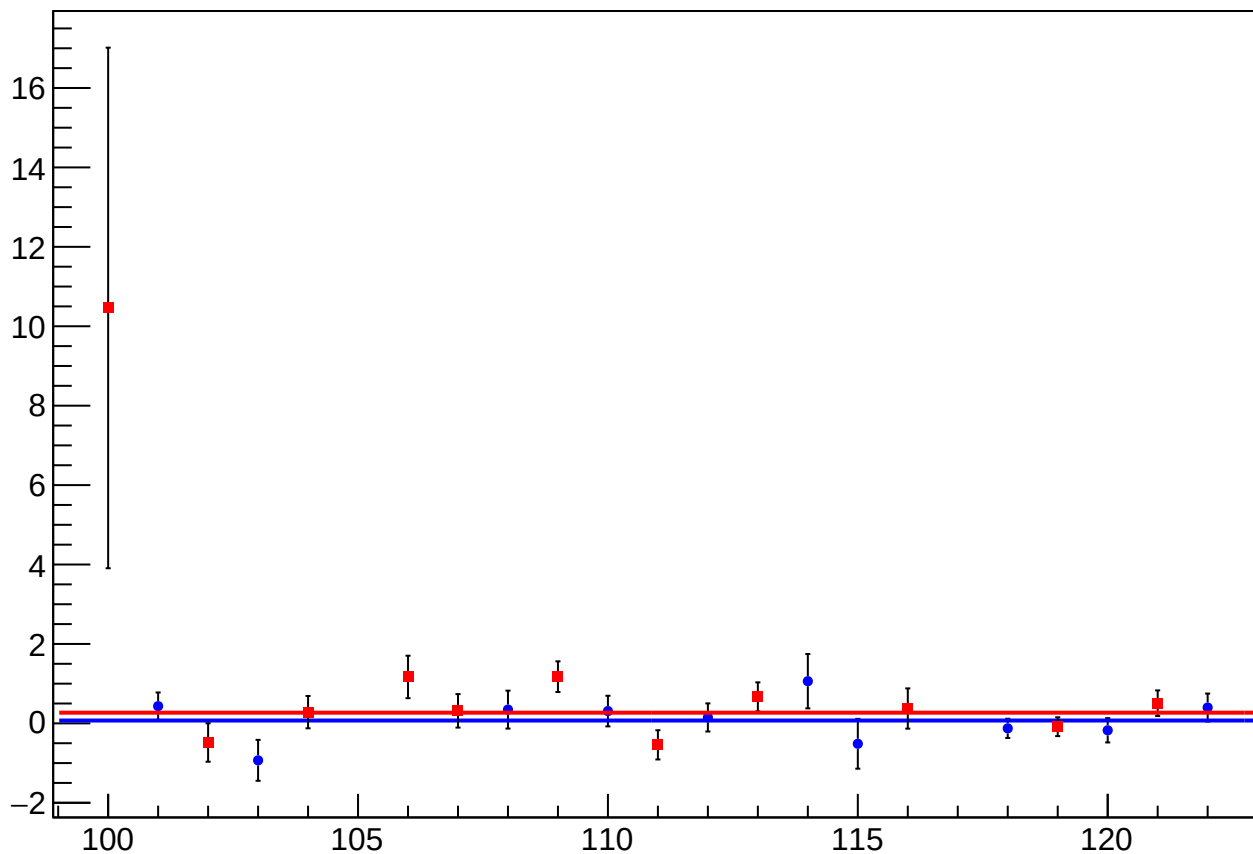
Right: -0.485 ± 0.076 χ^2/NDF : 45.0/20

In: -0.483 ± 0.109 χ^2/NDF : 4.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.485 ± 0.076 χ^2/NDF : 45.0/20

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.072+/-0.118 χ^2/NDF : 10.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.269+/-0.118 χ^2/NDF : 22.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

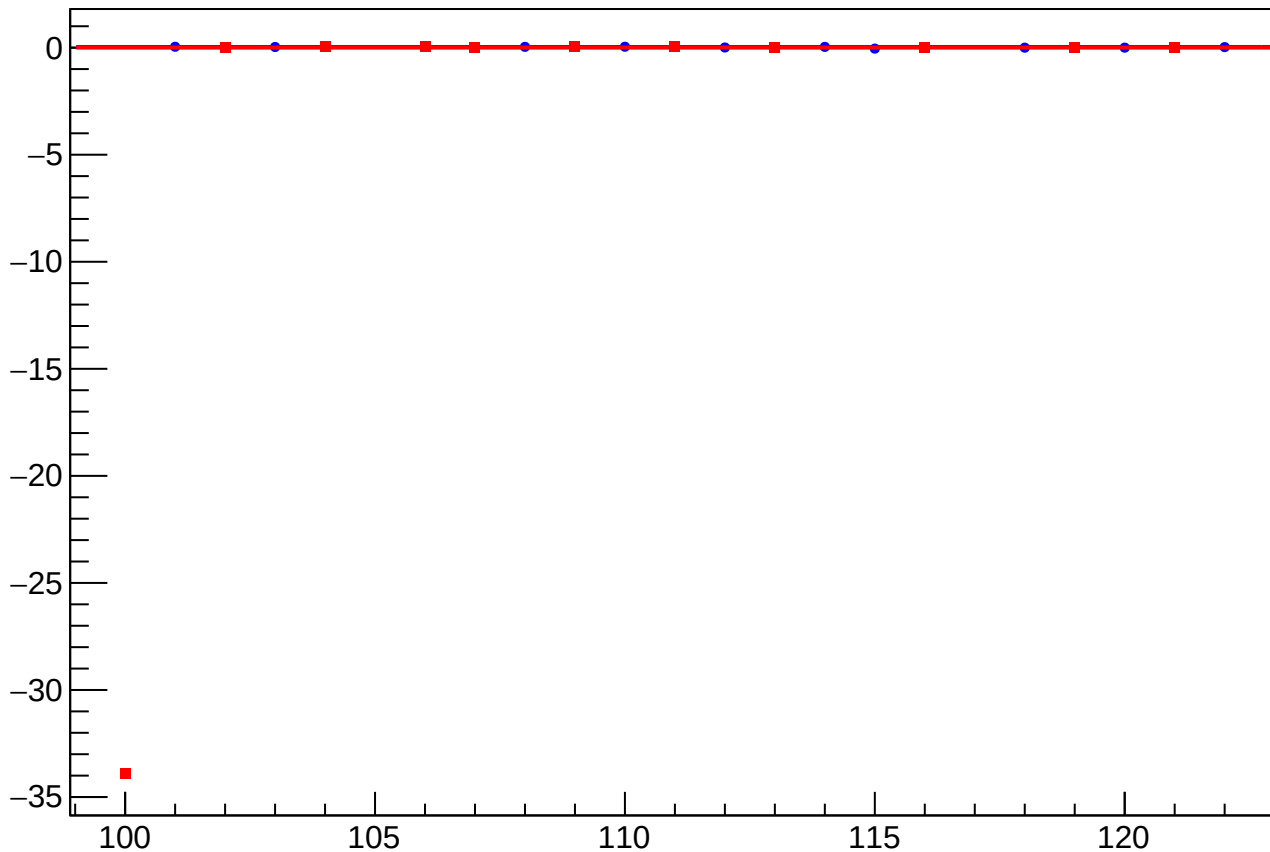
Right: 0.171+/-0.083 χ^2/NDF : 34.2/20

In: 0.072+/-0.118 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.171+/-0.083 χ^2/NDF : 34.2/20

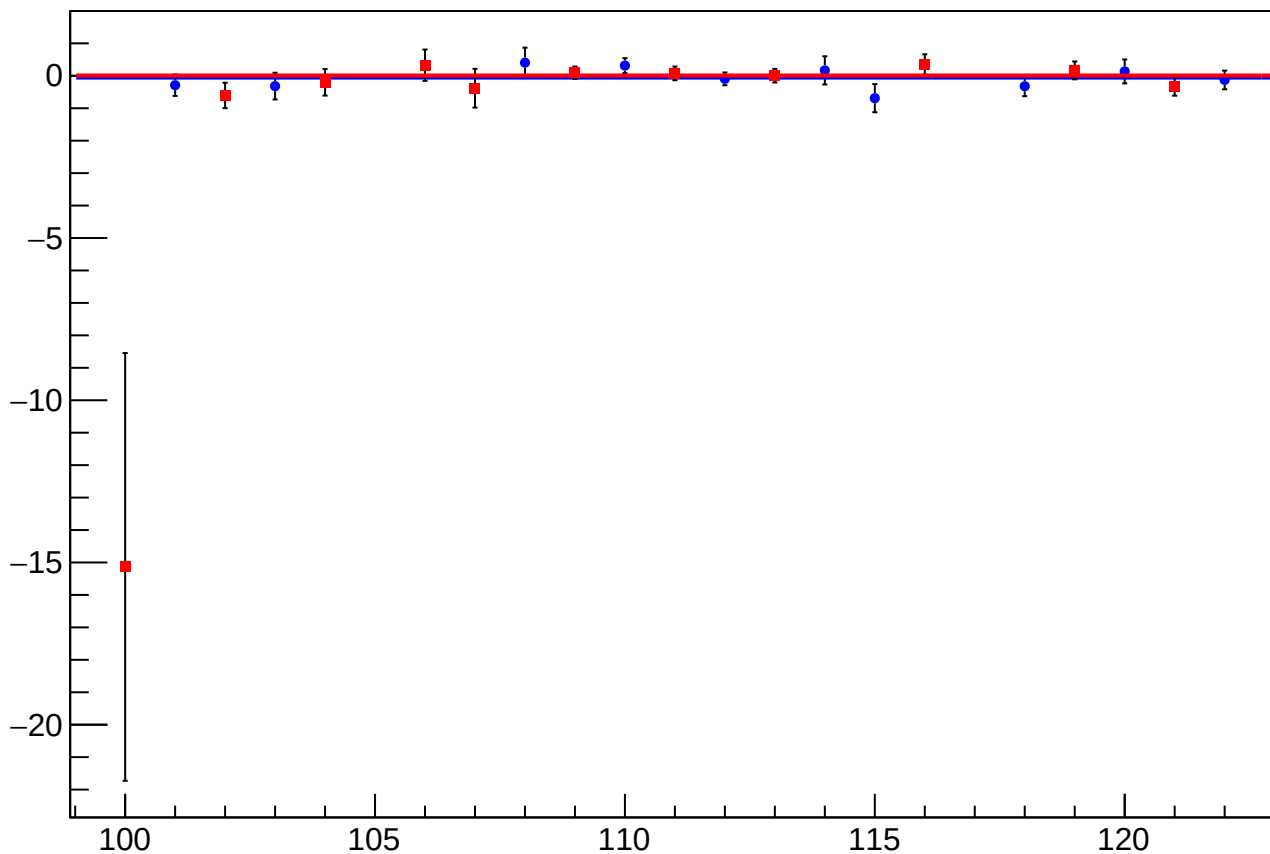
reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.027+/-0.007 χ^2/NDF : 7.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.005+/-0.006 χ^2/NDF : 22253.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.015+/-0.005 χ^2/NDF : 22265.9/20
 In: 0.027+/-0.007 χ^2/NDF : 7.0/9
 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+/-0.098 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.089 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

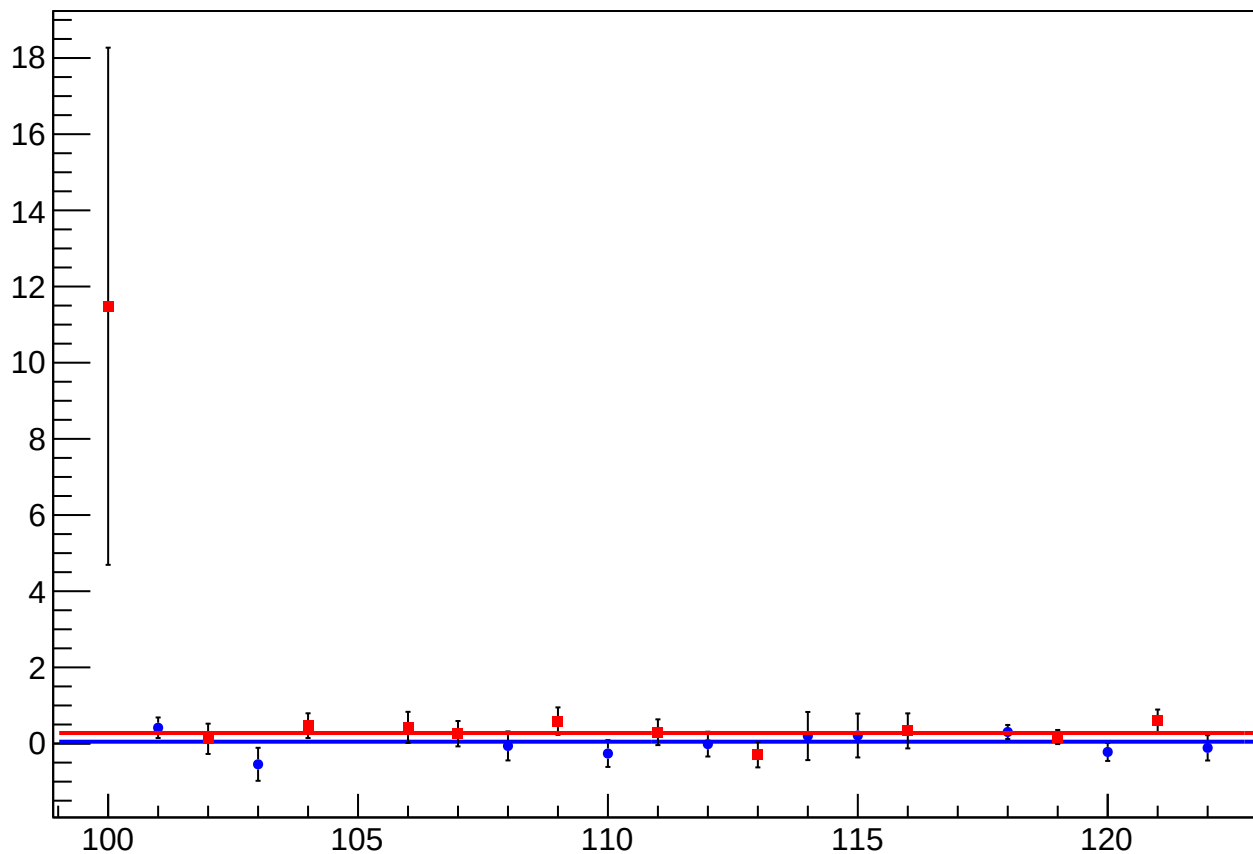
Right: -0.020+/-0.066 χ^2/NDF : 20.1/20

In: -0.056+/-0.098 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.066 χ^2/NDF : 20.1/20

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.097 χ^2 /NDF: 8.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.278 $\pm$ 0.099 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

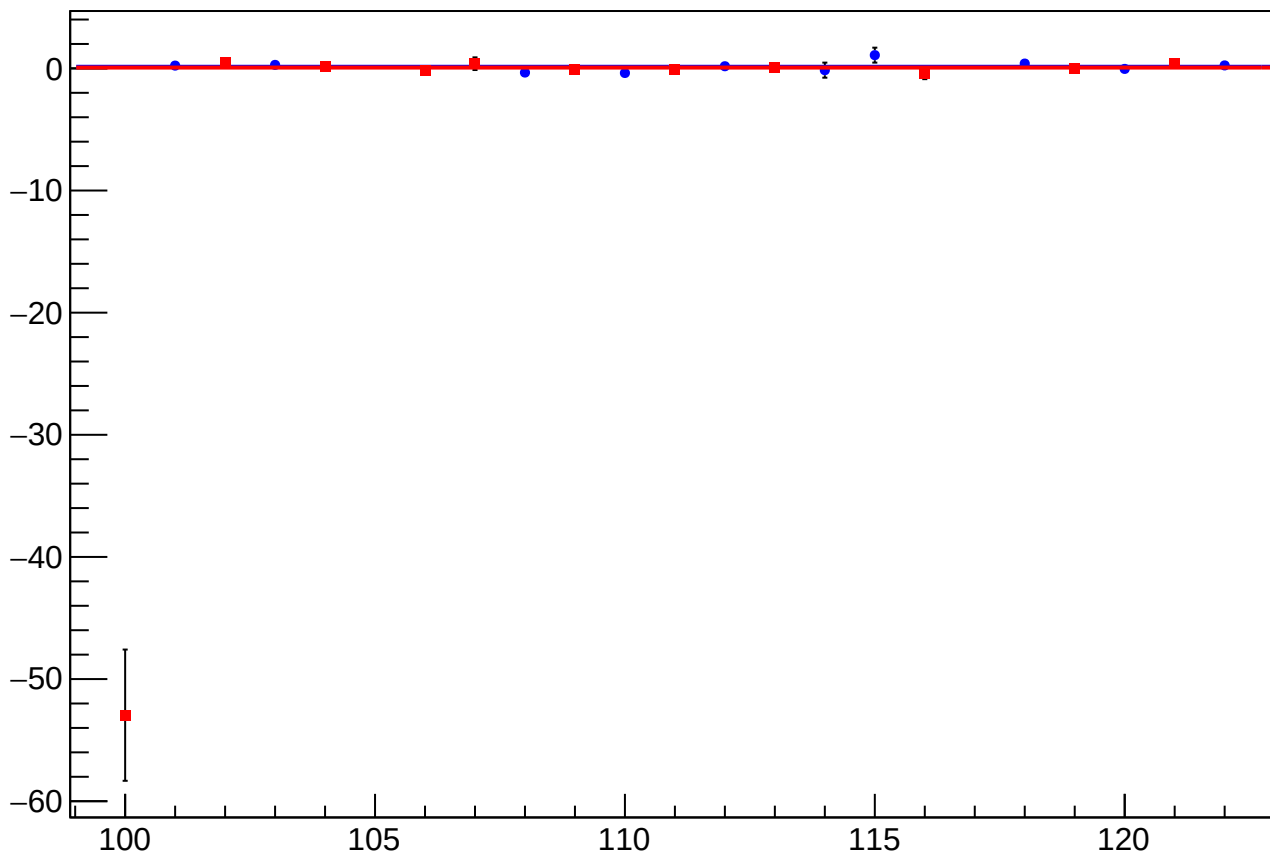
Right: 0.161 $\pm$ 0.070 χ^2 /NDF: 19.4/20

In: 0.049 $\pm$ 0.097 χ^2 /NDF:8.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.161 $\pm$ 0.070 χ^2 /NDF: 19.4/20

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.133+/-0.109 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.105 χ^2/NDF : 103.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

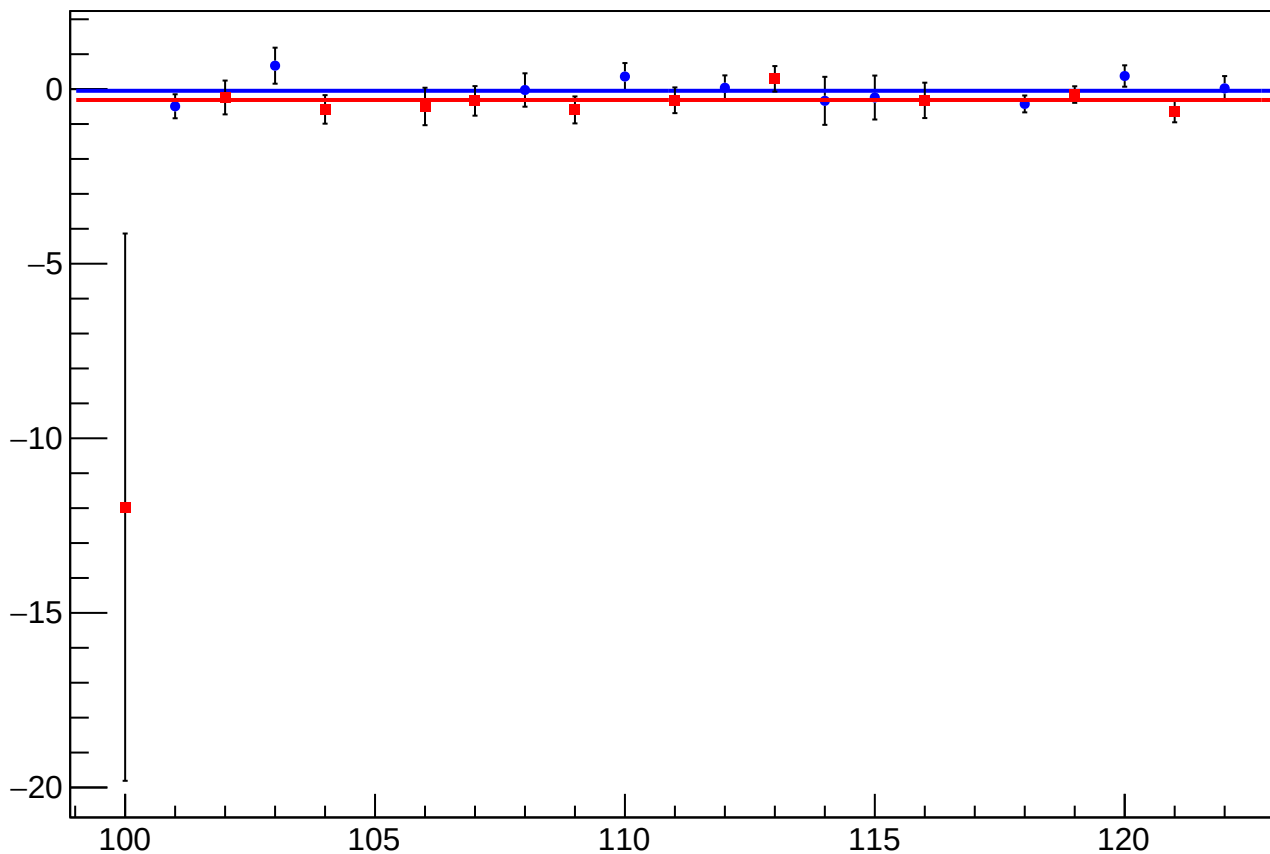
Right: 0.099+/-0.076 χ^2/NDF : 111.3/20

In: 0.133+/-0.109 χ^2/NDF : 7.8/9

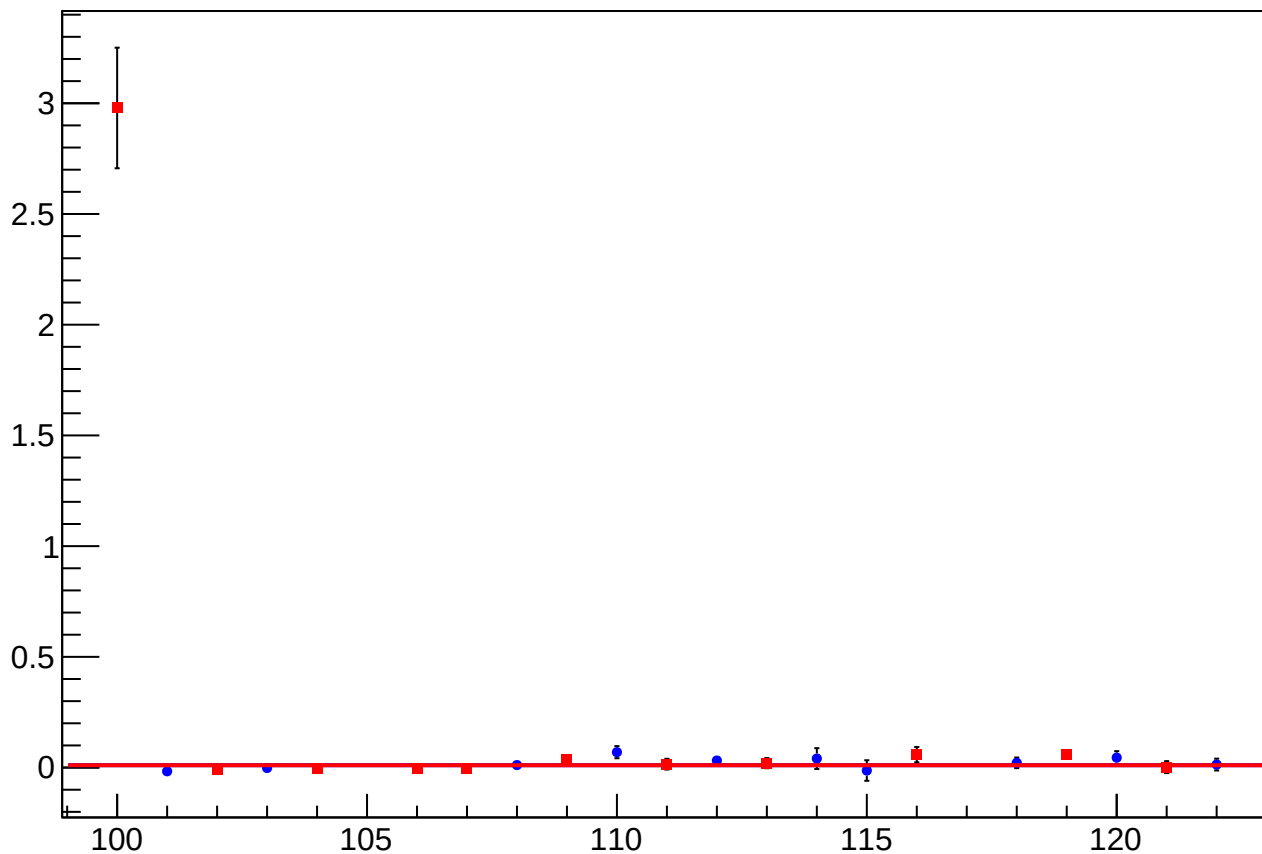
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.099+/-0.076 χ^2/NDF : 111.3/20

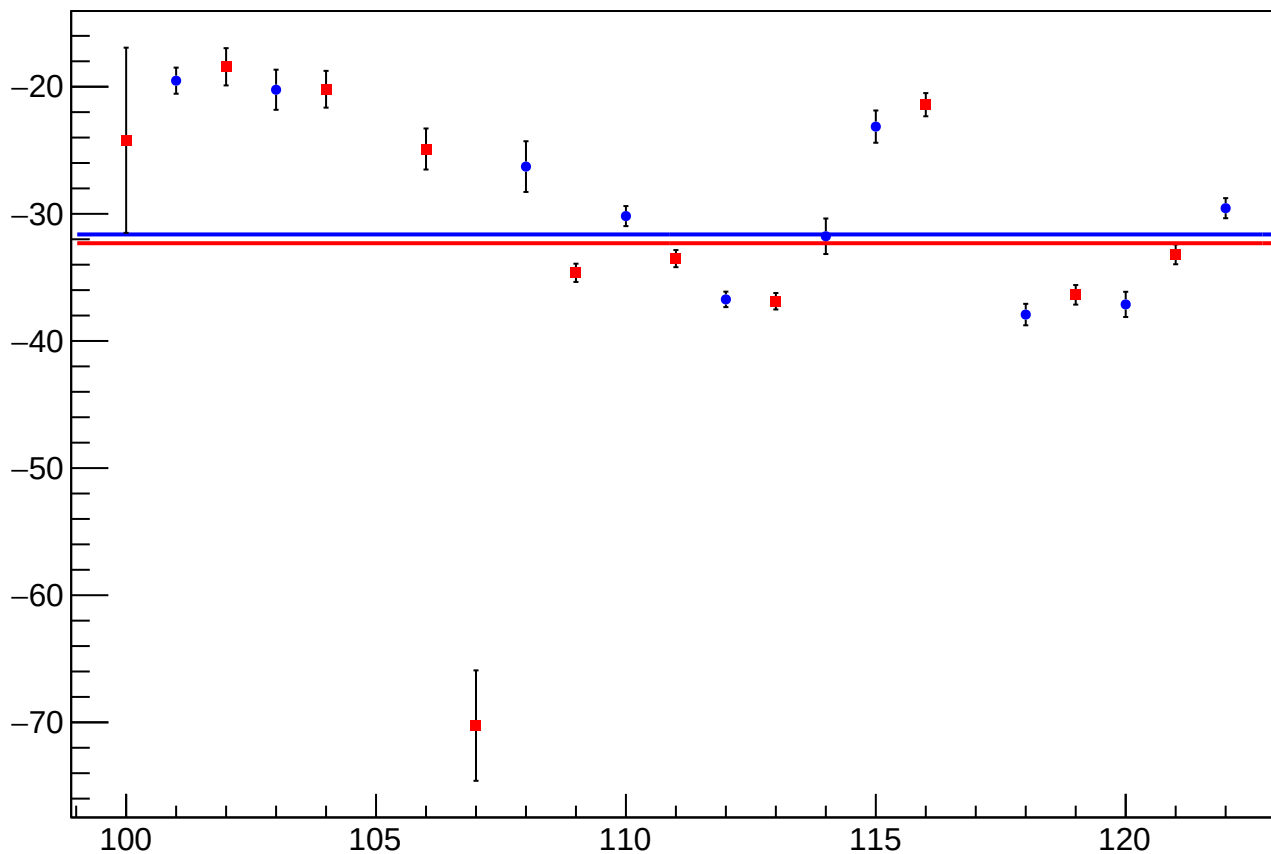
reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.620+/-0.301 χ^2/NDF : 409.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -32.312+/-0.283 χ^2/NDF : 493.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

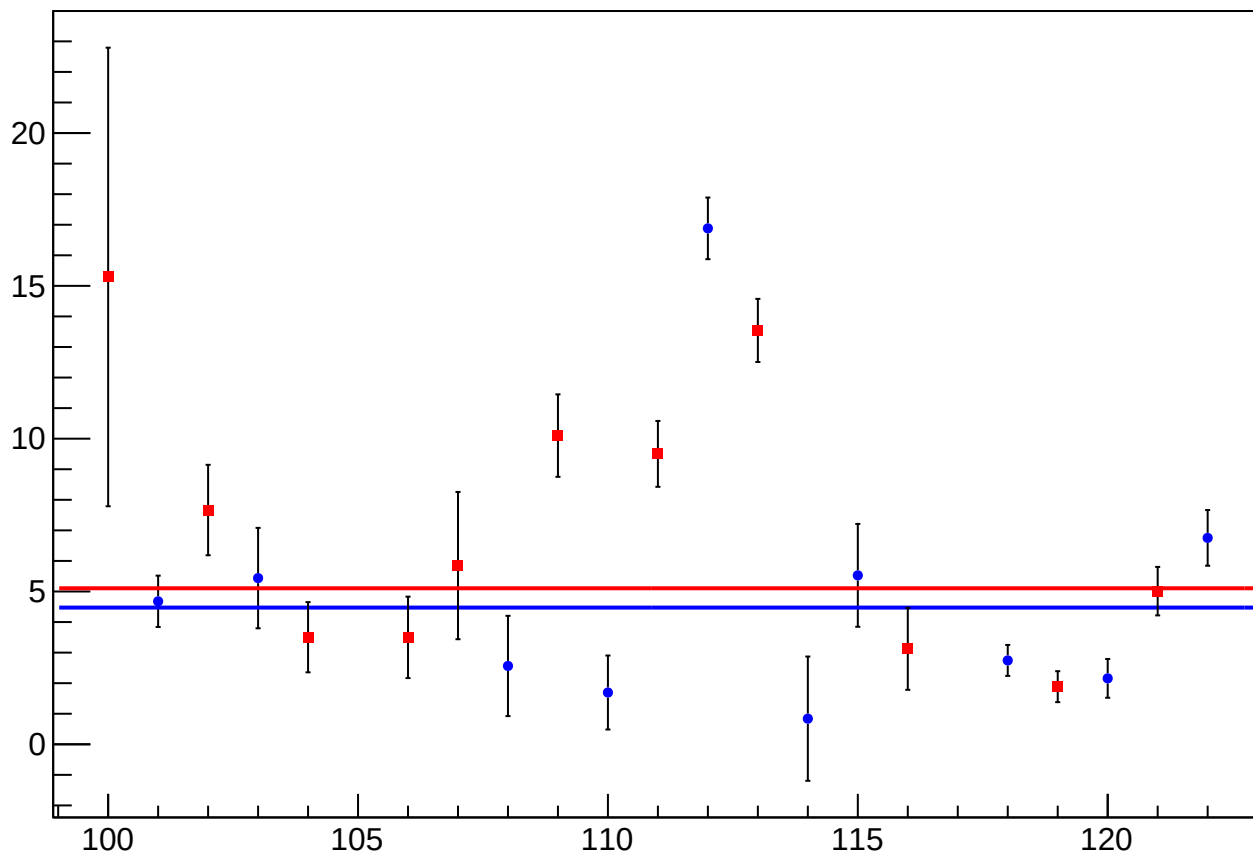
Right: -31.986+/-0.206 χ^2/NDF : 906.0/20

In: -31.620+/-0.301 χ^2/NDF :409.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -31.986+/-0.206 χ^2/NDF : 906.0/20

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.473+/-0.289 χ^2/NDF : 193.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.105+/-0.311 χ^2/NDF : 148.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

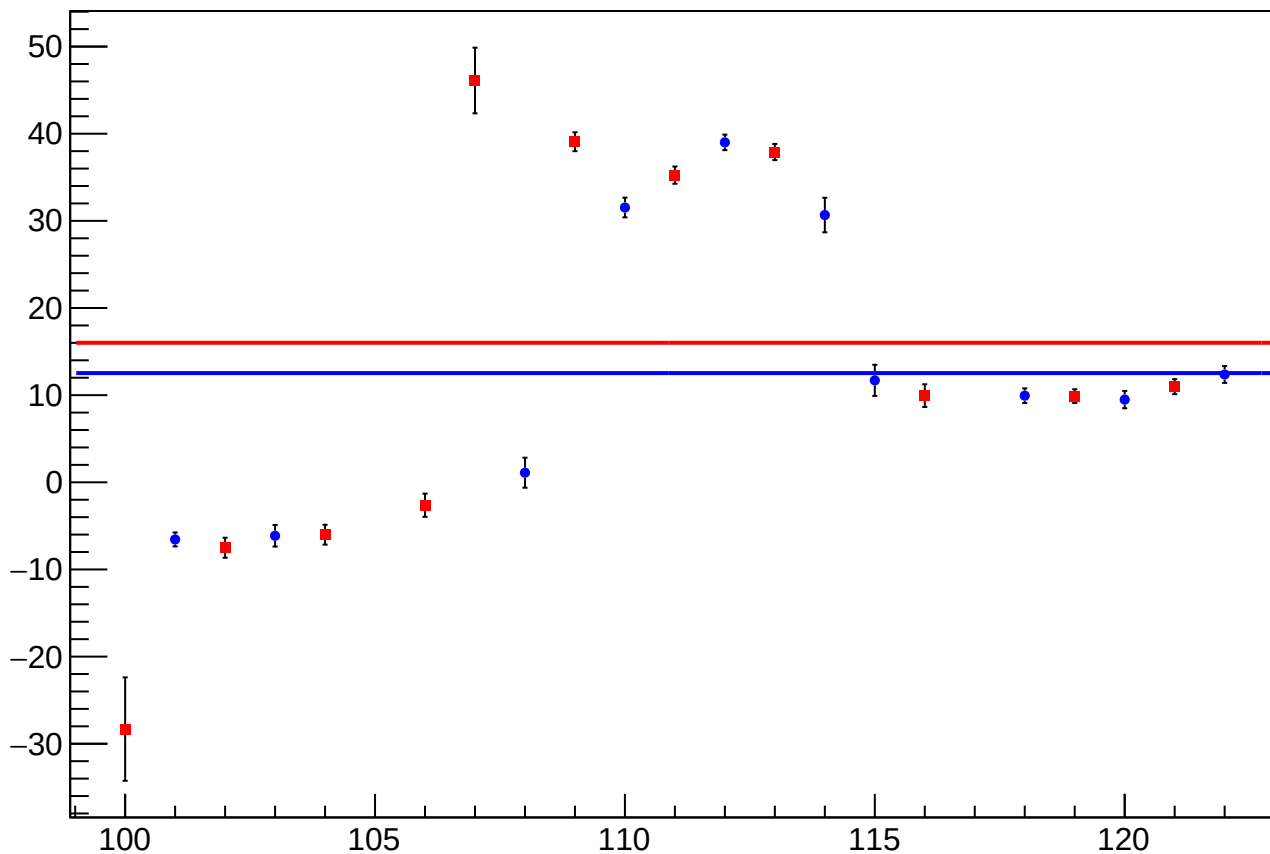
Right: 4.766+/-0.211 χ^2/NDF : 343.5/20

In: 4.473+/-0.289 χ^2/NDF : 193.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.766+/-0.211 χ^2/NDF : 343.5/20

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.533+/-0.340 χ^2/NDF : 2102.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.011+/-0.338 χ^2/NDF : 2610.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

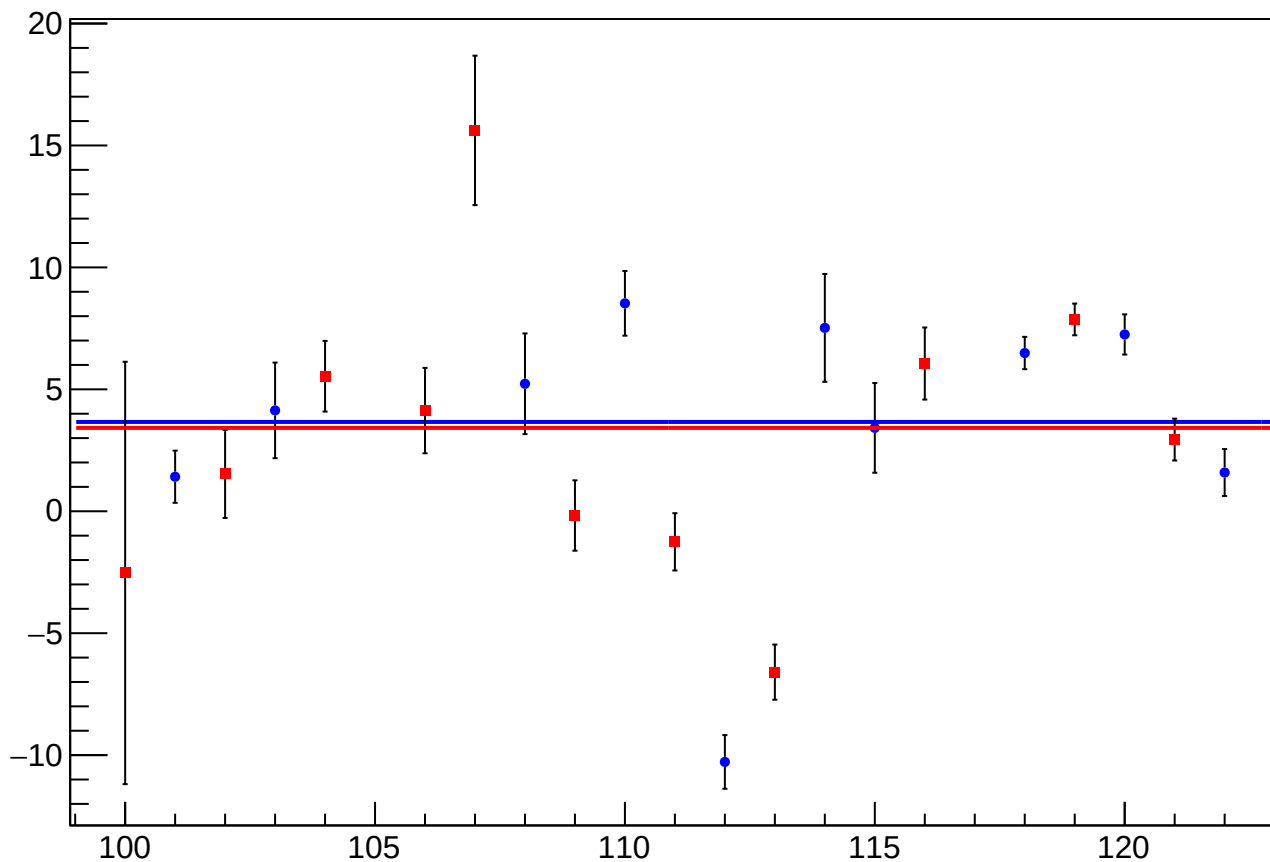
Right: 14.283+/-0.240 χ^2/NDF : 4765.1/20

In: 12.533+/-0.340 χ^2/NDF : 2102.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.283+/-0.240 χ^2/NDF : 4765.1/20

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.663+/-0.352 χ^2/NDF : 223.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.420+/-0.368 χ^2/NDF : 170.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

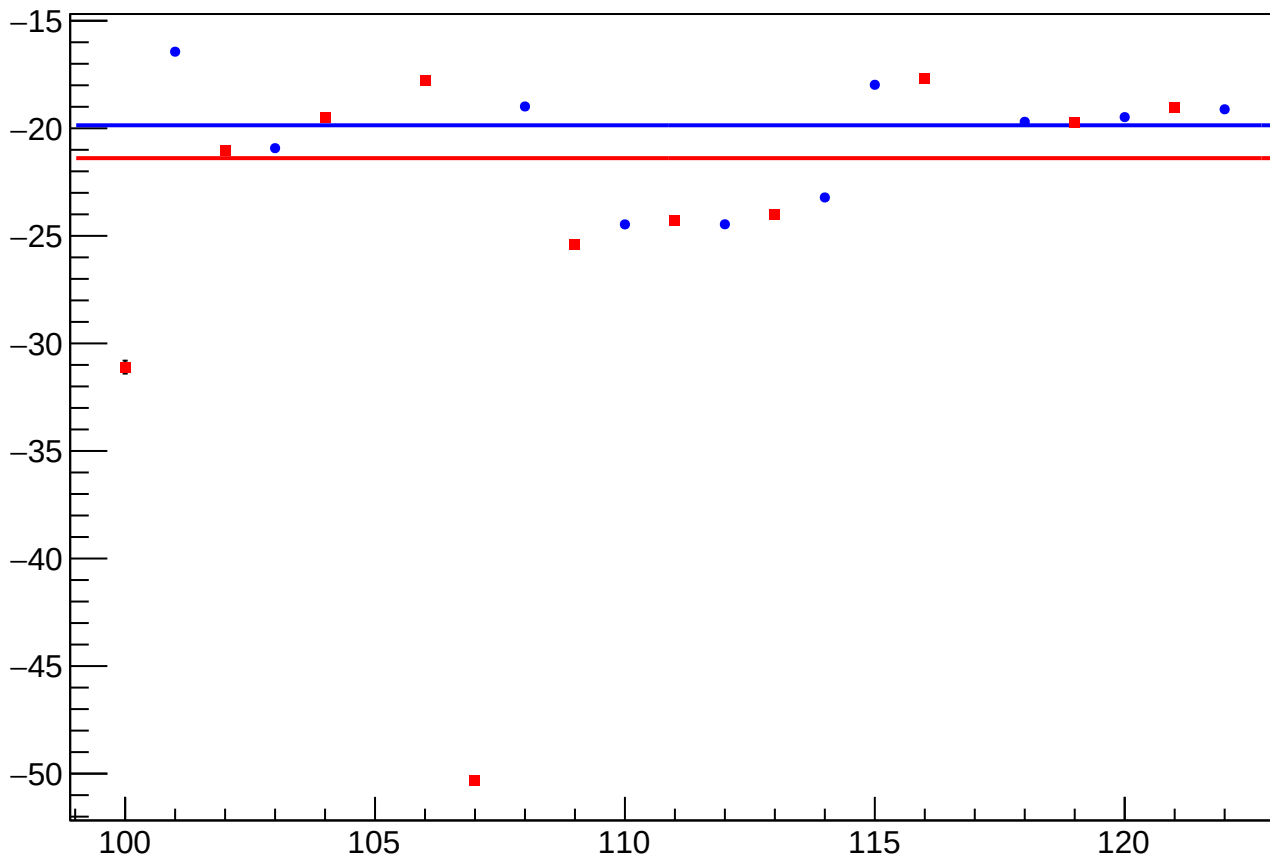
Right: 3.547+/-0.254 χ^2/NDF : 394.3/20

In: 3.663+/-0.352 χ^2/NDF :223.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.547+/-0.254 χ^2/NDF : 394.3/20

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.860+/-0.022 χ^2/NDF : 13261.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -21.387+/-0.022 χ^2/NDF : 49895.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

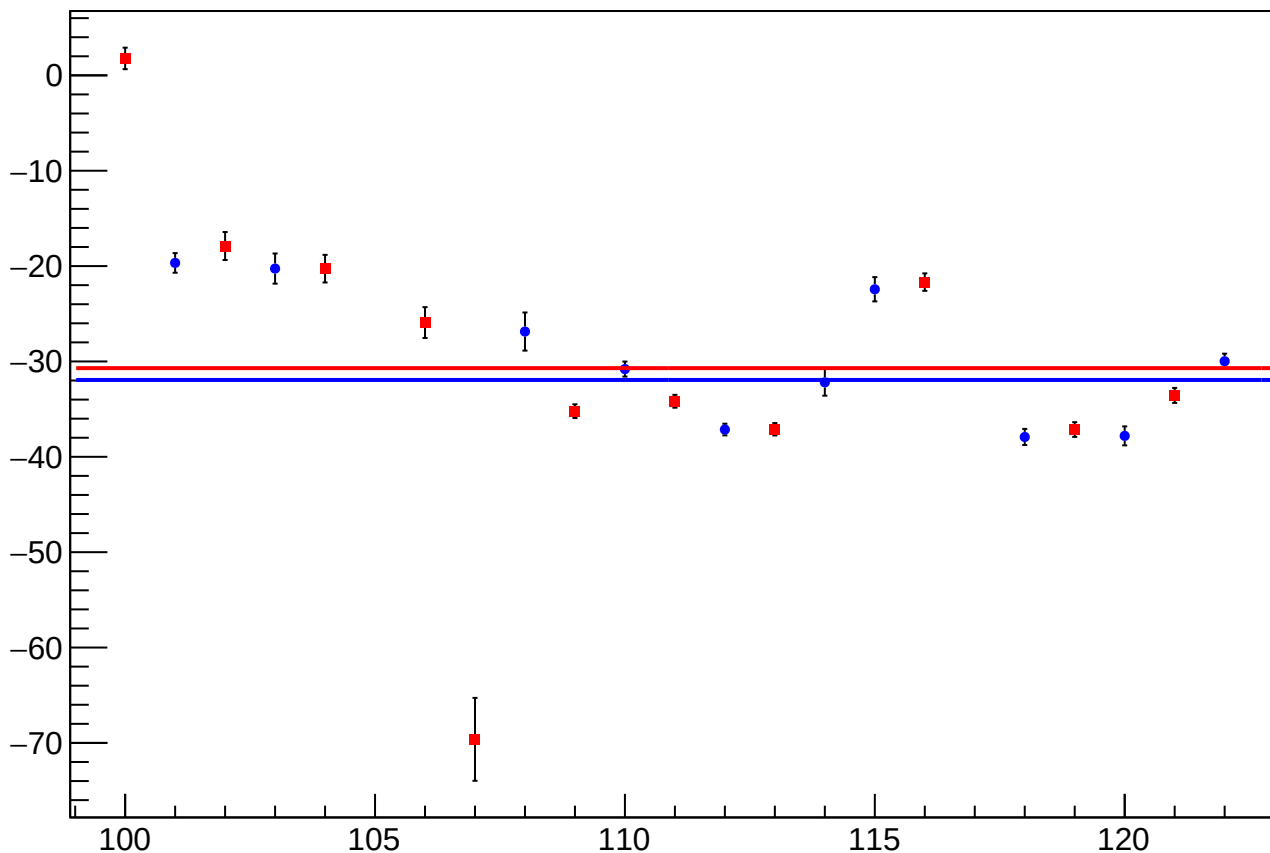
Right: -20.643+/-0.016 χ^2/NDF : 65559.5/20

In: -19.860+/-0.022 χ^2/NDF :13261.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.643+/-0.016 χ^2/NDF : 65559.5/20

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.939+/-0.301 χ^2/NDF : 425.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.701+/-0.276 χ^2/NDF : 1388.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

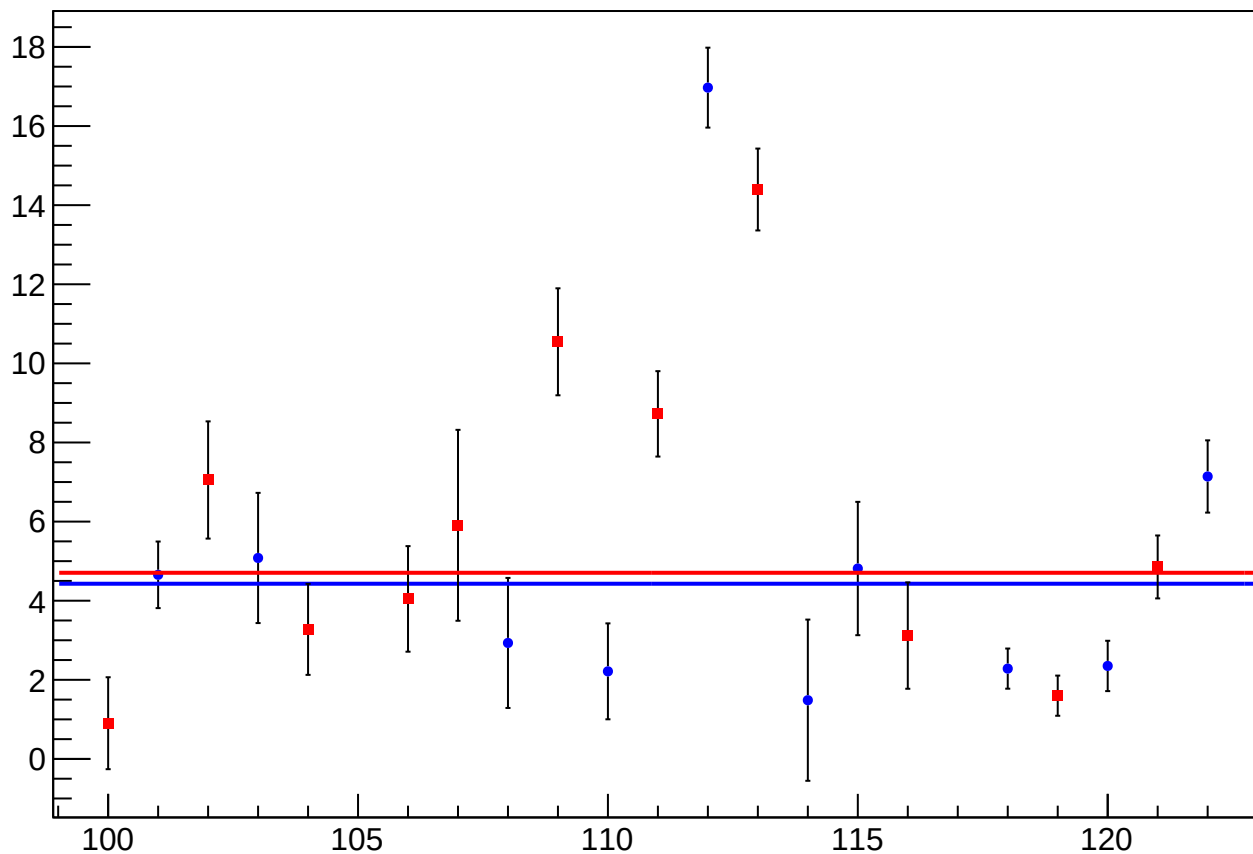
Right: -31.266+/-0.203 χ^2/NDF : 1822.9/20

In: -31.939+/-0.301 χ^2/NDF : 425.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.266+/-0.203 χ^2/NDF : 1822.9/20

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.429+/-0.289 χ^2/NDF : 198.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.706+/-0.301 χ^2/NDF : 174.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

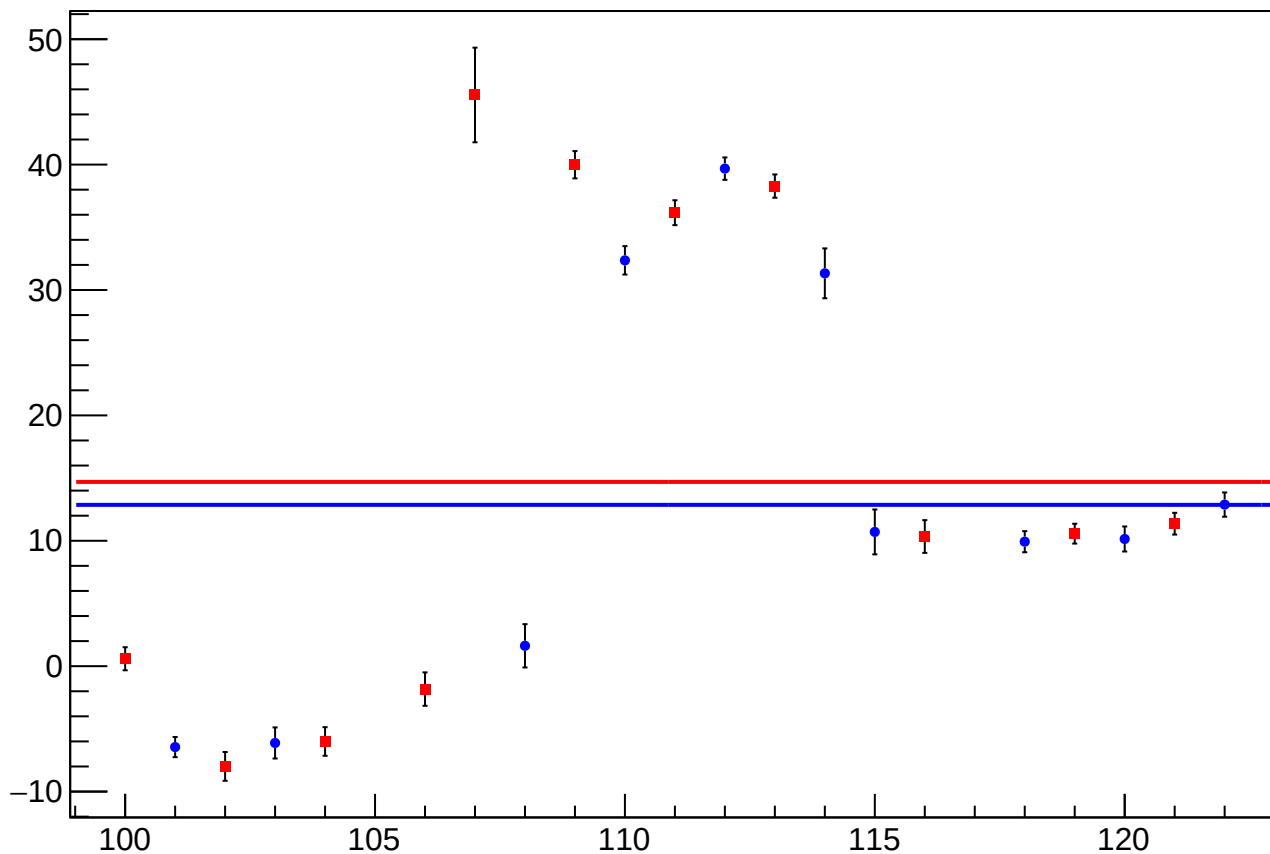
Right: 4.562+/-0.209 χ^2/NDF : 372.6/20

In: 4.429+/-0.289 χ^2/NDF : 198.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.562+/-0.209 χ^2/NDF : 372.6/20

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.865+/-0.341 χ^2/NDF : 2156.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.695+/-0.318 χ^2/NDF : 2879.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

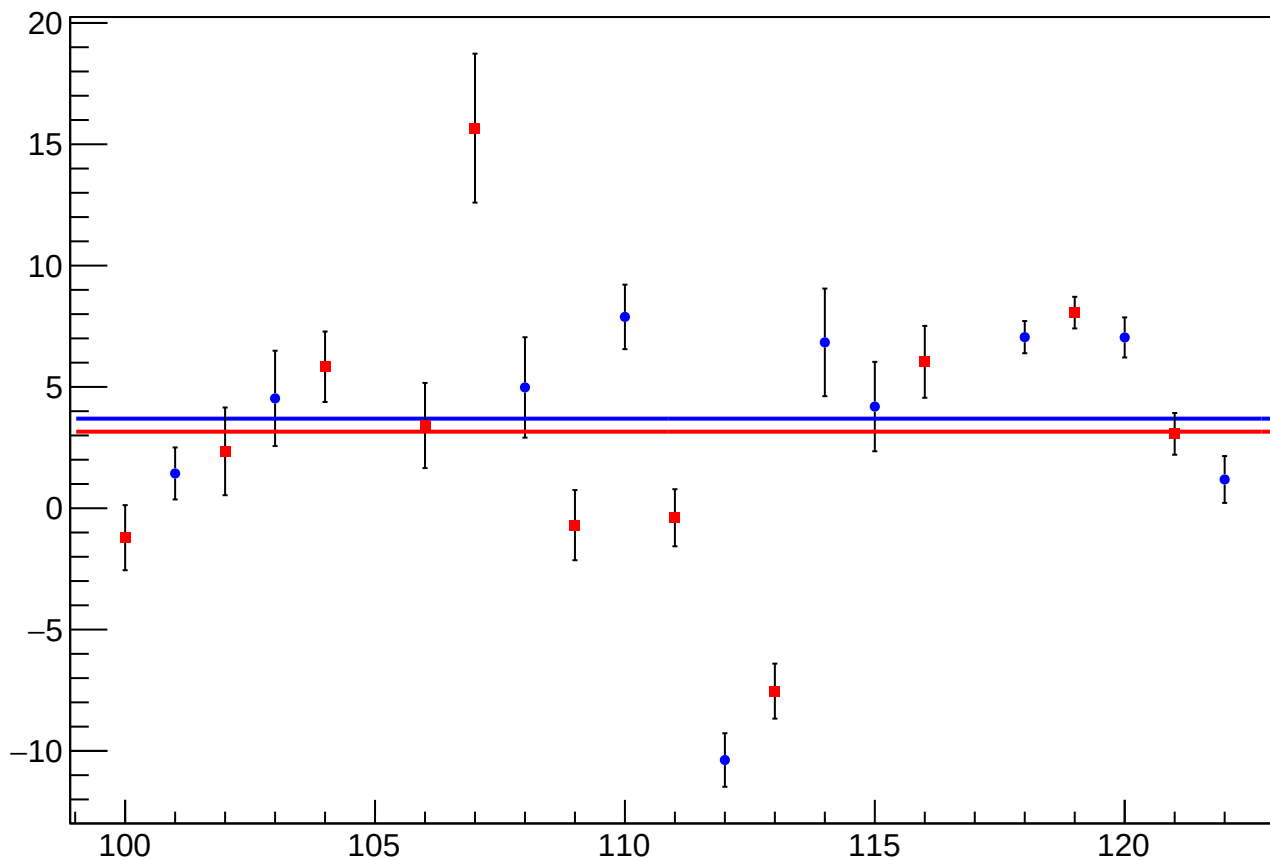
Right: 13.843+/-0.233 χ^2/NDF : 5051.5/20

In: 12.865+/-0.341 χ^2/NDF : 2156.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.843+/-0.233 χ^2/NDF : 5051.5/20

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.693+/-0.352 χ^2/NDF : 228.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.156+/-0.356 χ^2/NDF : 196.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

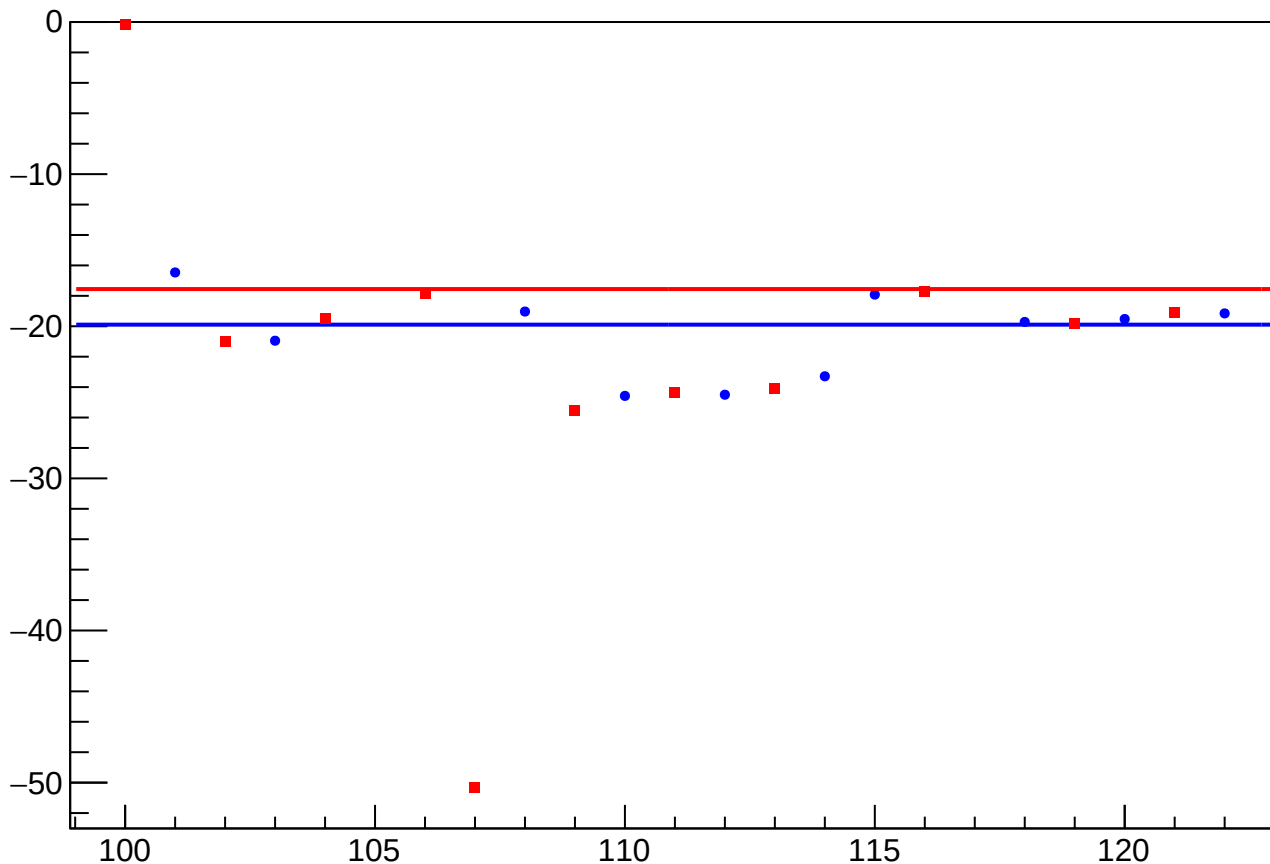
Right: 3.427+/-0.250 χ^2/NDF : 426.0/20

In: 3.693+/-0.352 χ^2/NDF : 228.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.427+/-0.250 χ^2/NDF : 426.0/20

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.894 ± 0.022 χ^2/NDF : 13346.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.555 ± 0.020 χ^2/NDF : 218719.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

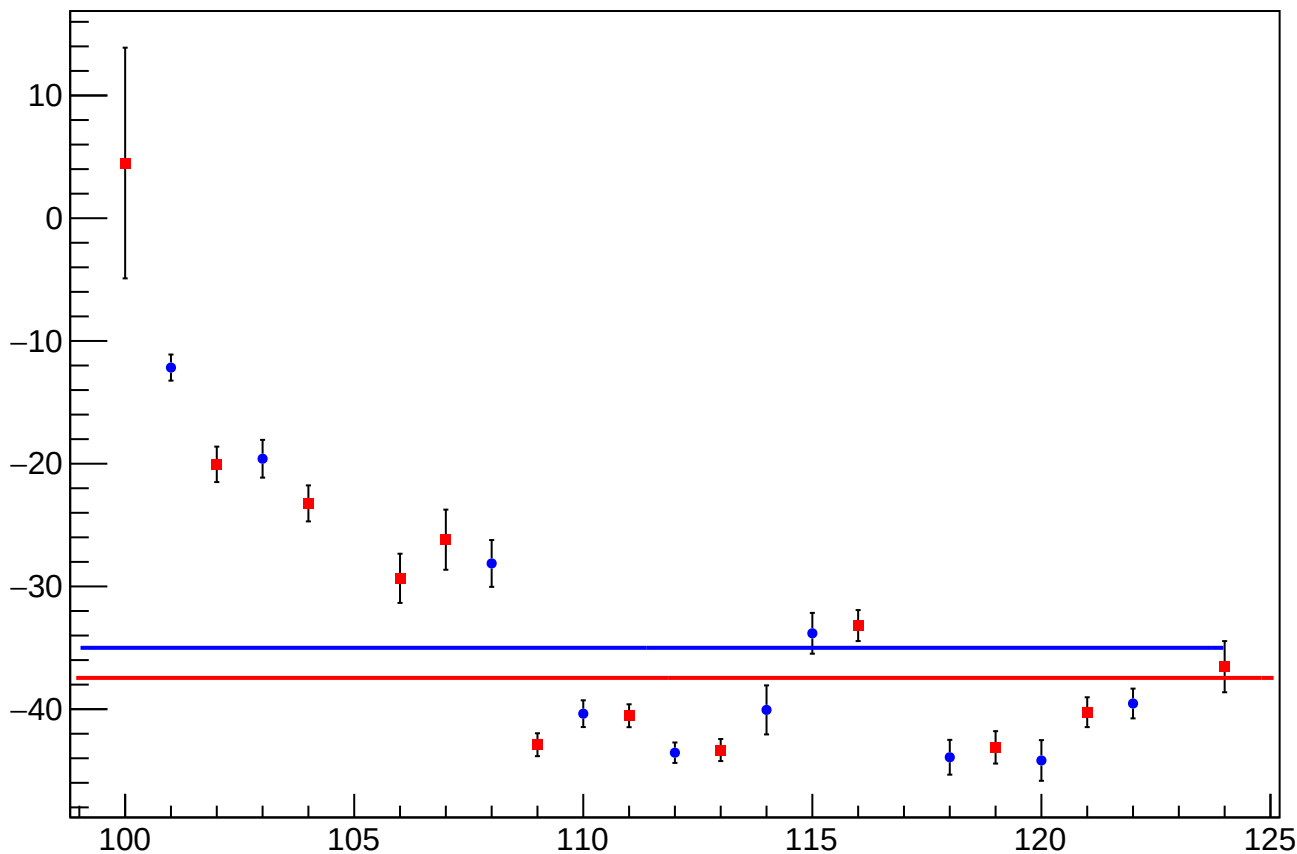
Right: -18.582 ± 0.015 χ^2/NDF : 238206.3/20

In: -19.894 ± 0.022 χ^2/NDF : 13346.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.582 ± 0.015 χ^2/NDF : 238206.3/20

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.000 ± 0.407 χ^2/NDF : 794.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.452 ± 0.378 χ^2/NDF : 419.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

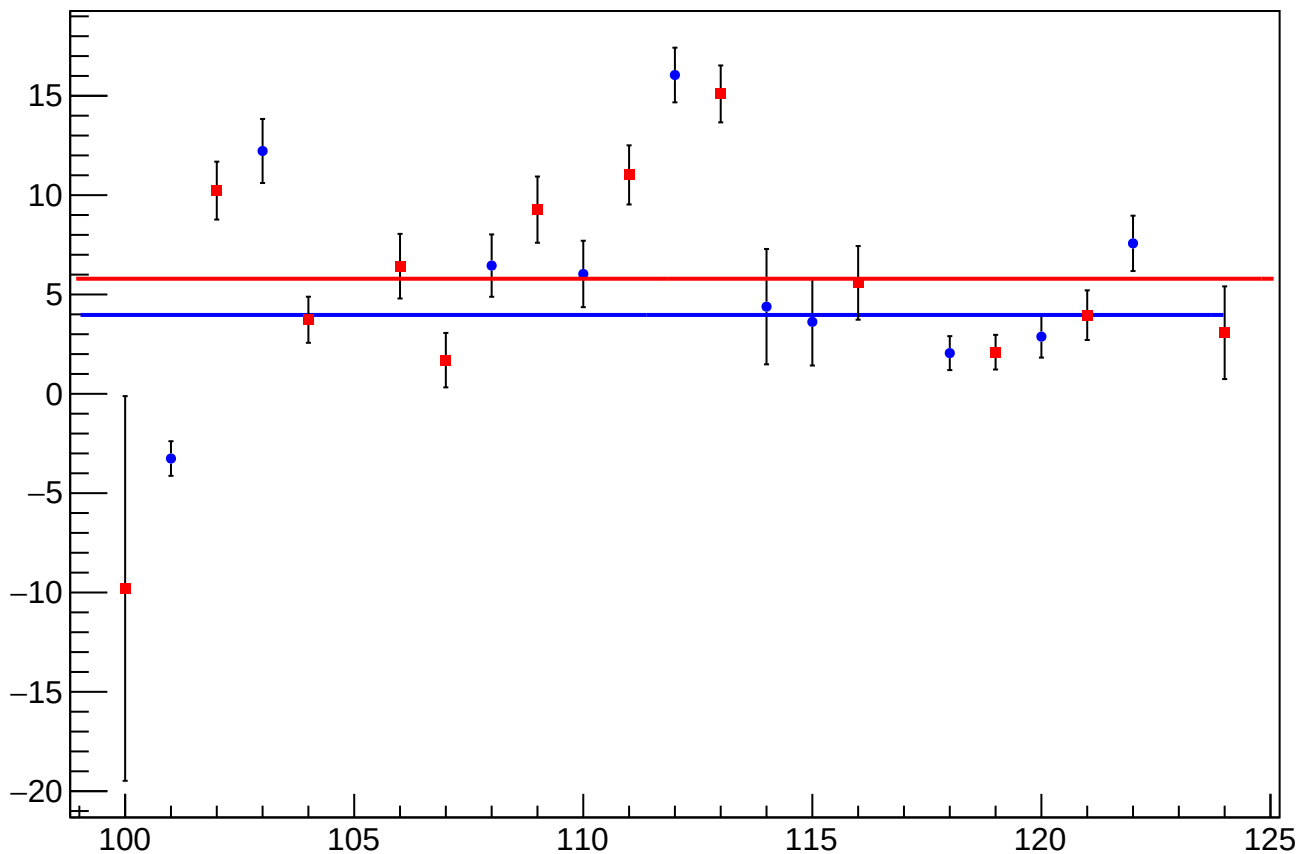
Right: -36.320 ± 0.277 χ^2/NDF : 1233.8/21

In: -35.000 ± 0.407 χ^2/NDF : 794.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.320 ± 0.277 χ^2/NDF : 1233.8/21

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.970+/-0.405 χ^2/NDF : 188.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.793+/-0.413 χ^2/NDF : 104.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

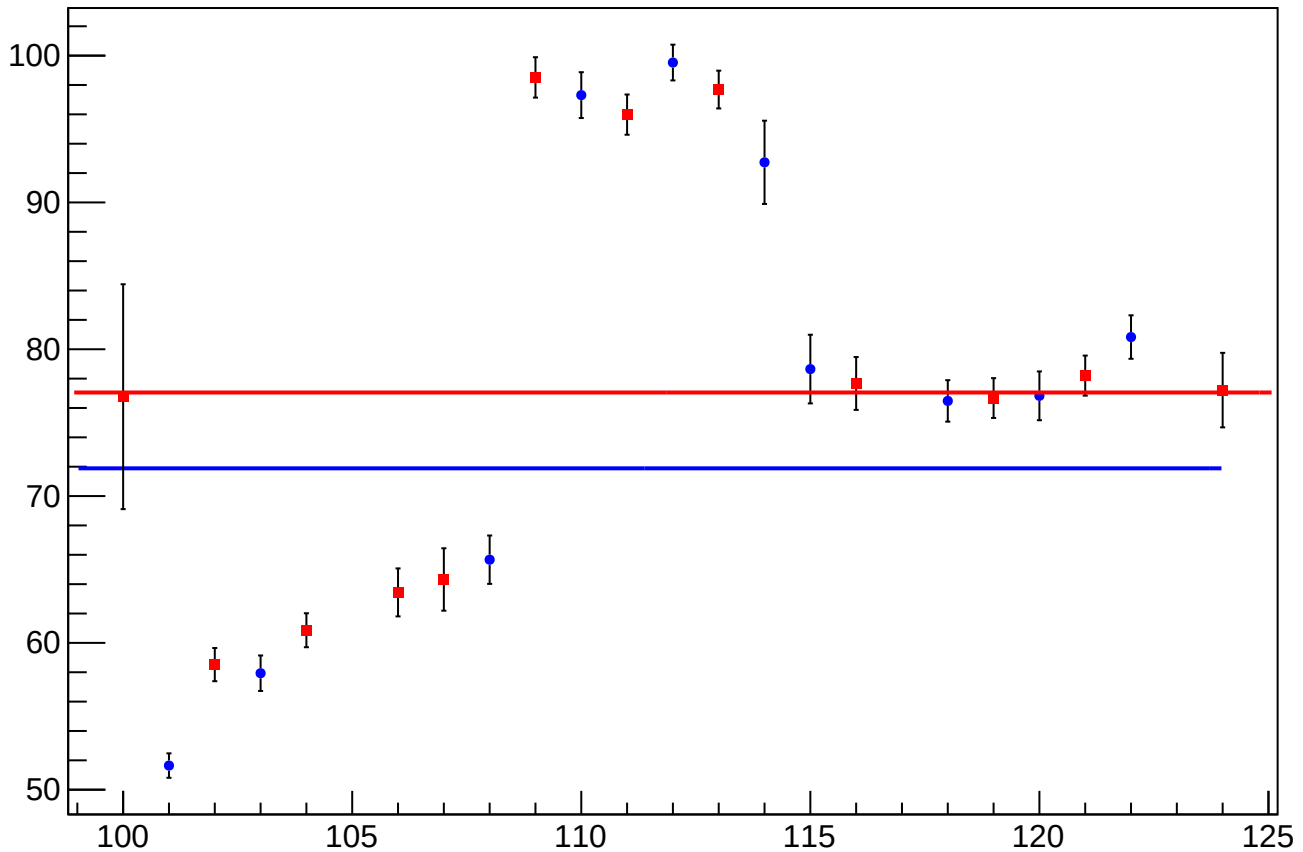
Right: 4.863+/-0.289 χ^2/NDF : 303.3/21

In: 3.970+/-0.405 χ^2/NDF : 188.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.863+/-0.289 χ^2/NDF : 303.3/21

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.889+/-0.438 χ^2/NDF : 1637.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.055+/-0.432 χ^2/NDF : 1262.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

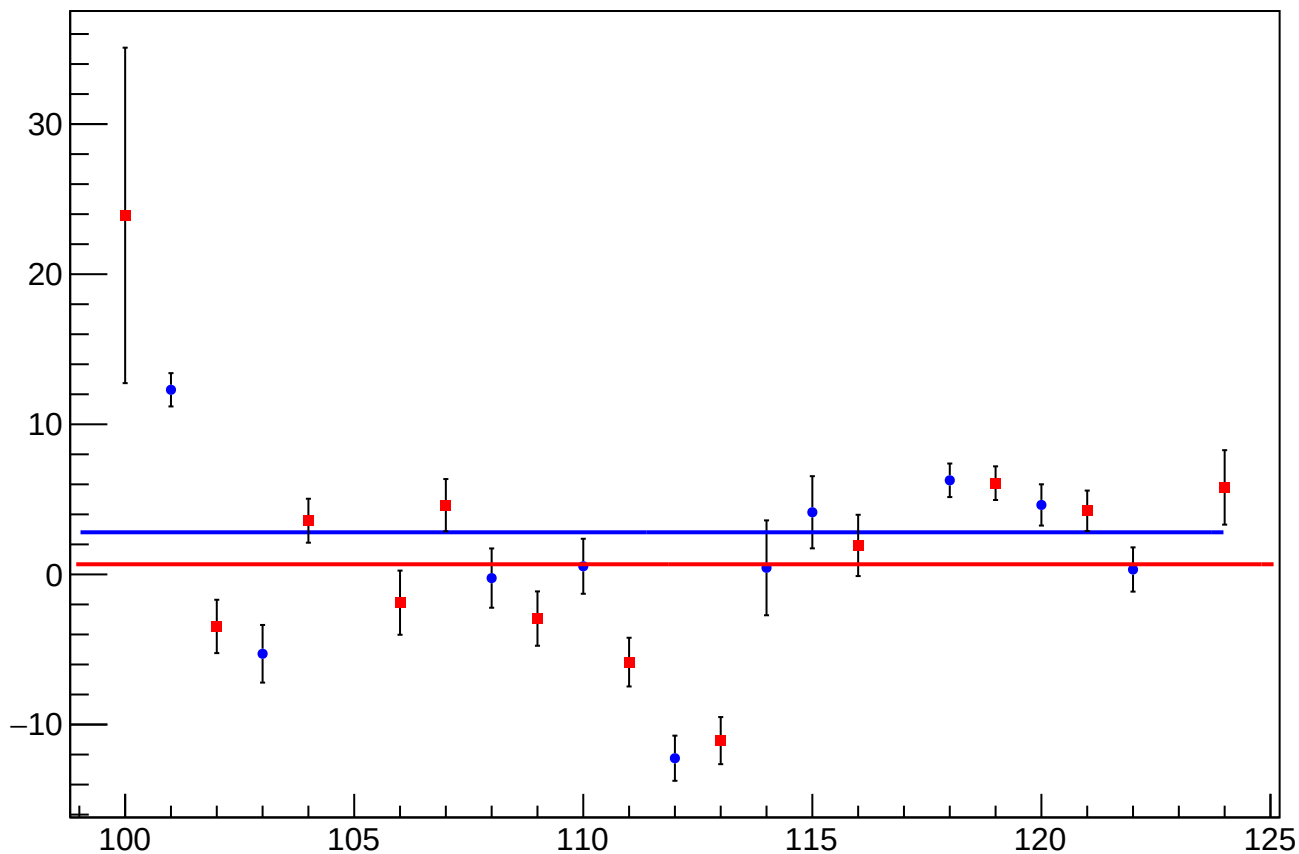
Right: 74.508+/-0.308 χ^2/NDF : 2969.9/21

In: 71.889+/-0.438 χ^2/NDF : 1637.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.508+/-0.308 χ^2/NDF : 2969.9/21

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.806+/-0.491 χ^2/NDF : 210.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.677+/-0.489 χ^2/NDF : 131.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

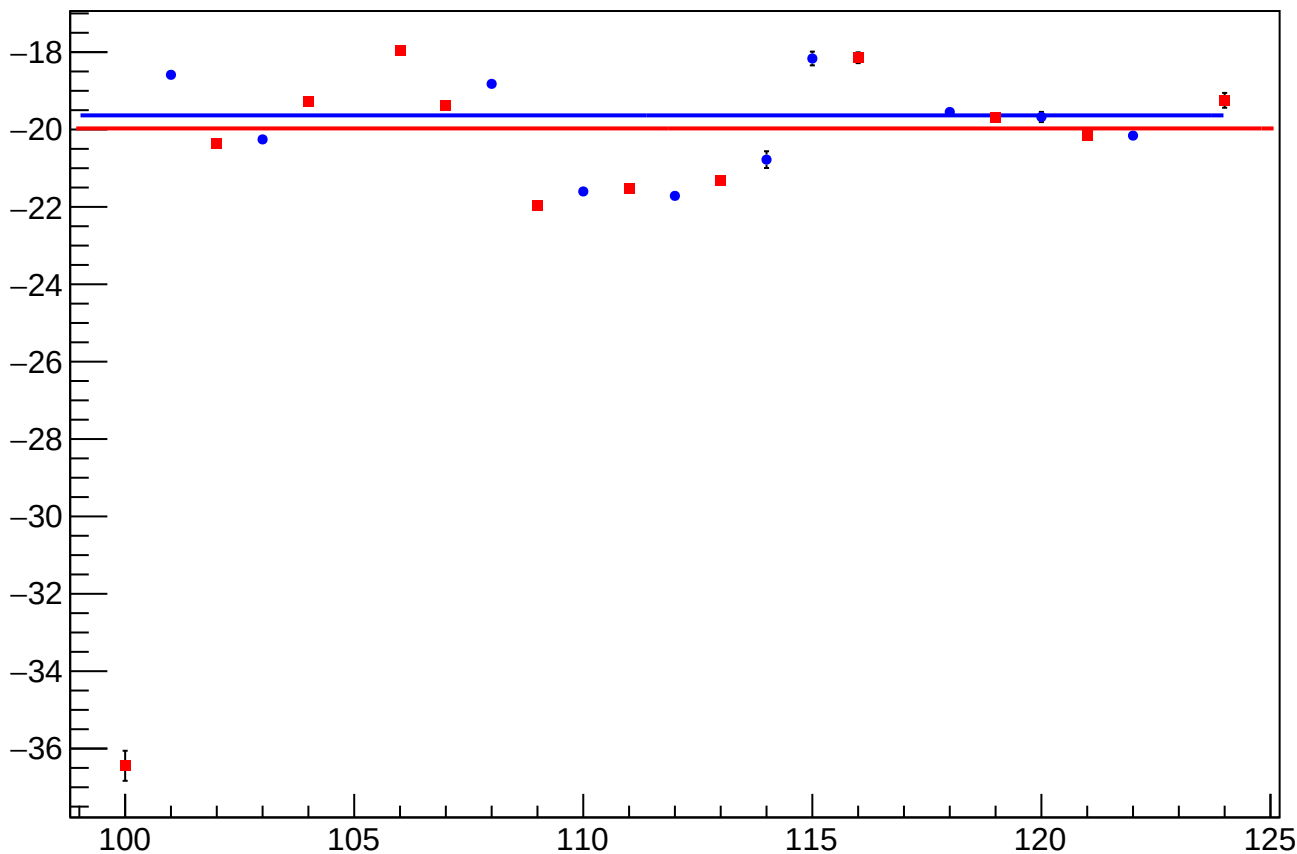
Right: 1.737+/-0.347 χ^2/NDF : 350.8/21

In: 2.806+/-0.491 χ^2/NDF : 210.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.737+/-0.347 χ^2/NDF : 350.8/21

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.635 ± 0.026 $\chi^2/\text{NDF}: 1568.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.972 ± 0.025 $\chi^2/\text{NDF}: 3776.3/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

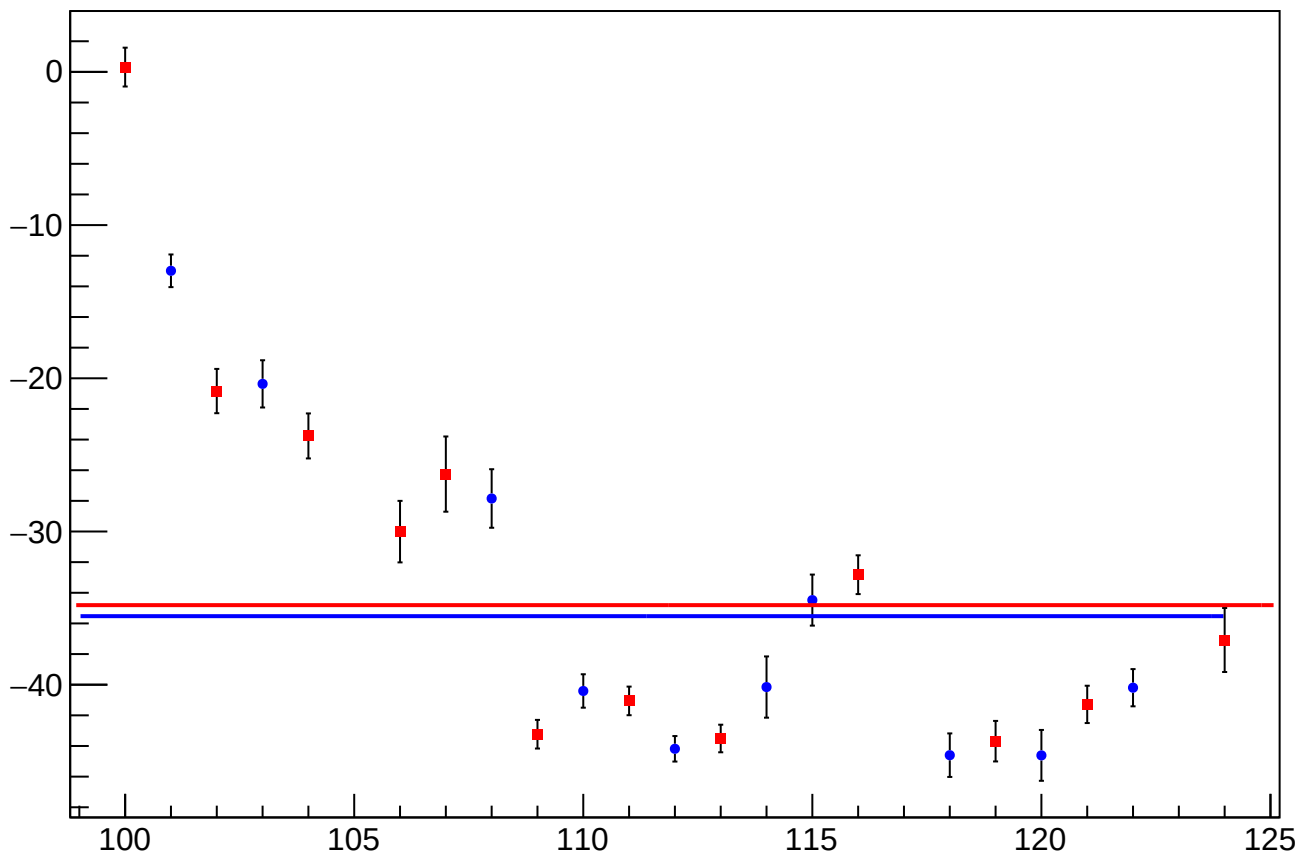
Right: -19.810 ± 0.018 $\chi^2/\text{NDF}: 5431.3/21$

In: -19.635 ± 0.026 $\chi^2/\text{NDF}: 1568.4/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.810 ± 0.018 $\chi^2/\text{NDF}: 5431.3/21$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.526+/-0.408 χ^2/NDF : 779.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.807+/-0.363 χ^2/NDF : 1231.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

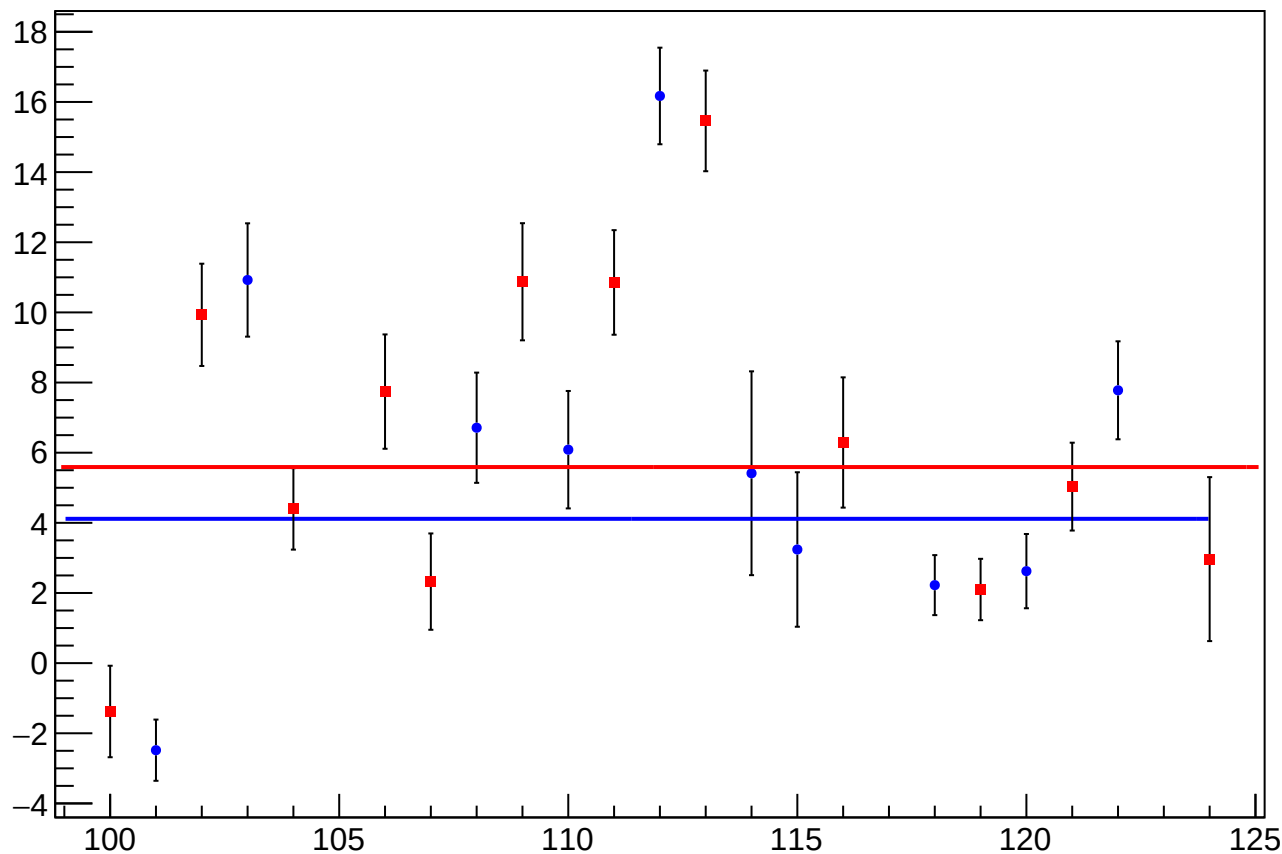
Right: -35.124+/-0.271 χ^2/NDF : 2013.3/21

In: -35.526+/-0.408 χ^2/NDF : 779.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.124+/-0.271 χ^2/NDF : 2013.3/21

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.115 $\pm$ 0.406 χ^2 /NDF: 169.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.591 $\pm$ 0.395 χ^2 /NDF: 133.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

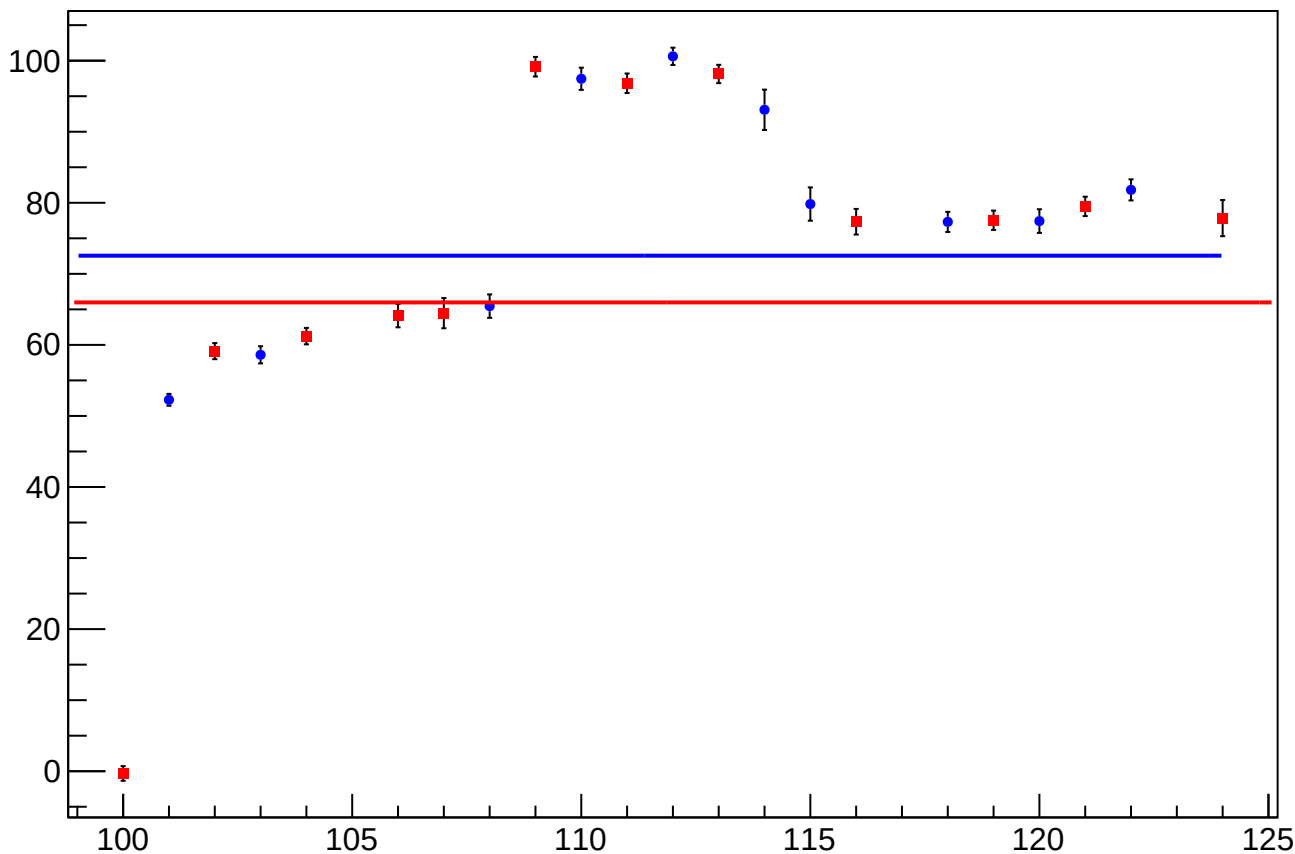
Right: 4.872 $\pm$ 0.283 χ^2 /NDF: 309.7/21

In: 4.115 $\pm$ 0.406 χ^2 /NDF:169.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.872 $\pm$ 0.283 χ^2 /NDF: 309.7/21

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.556+/-0.439 χ^2/NDF : 1647.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.980+/-0.400 χ^2/NDF : 6110.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

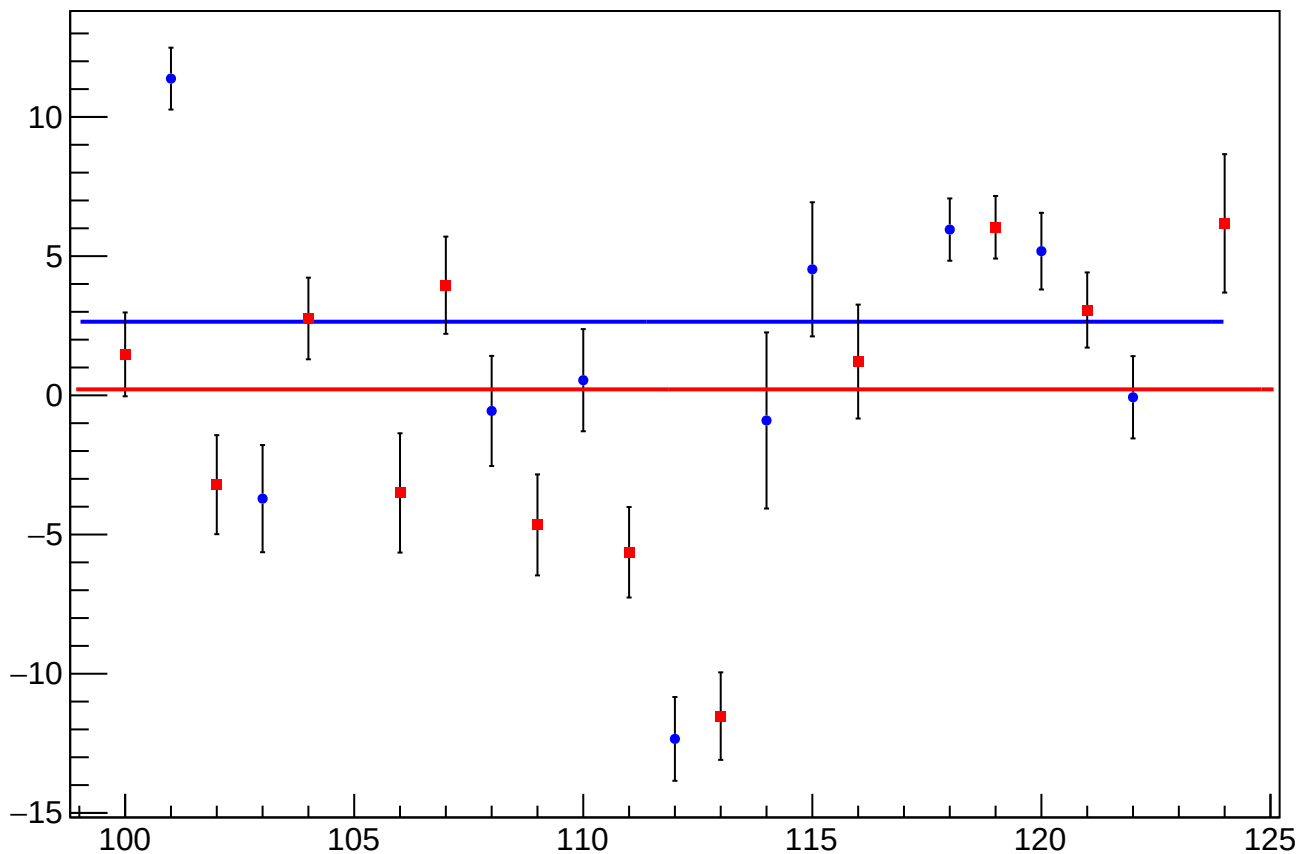
Right: 68.962+/-0.296 χ^2/NDF : 7880.4/21

In: 72.556+/-0.439 χ^2/NDF : 1647.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.962+/-0.296 χ^2/NDF : 7880.4/21

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.644 $\pm$ 0.492 χ^2 /NDF: 193.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.215 $\pm$ 0.466 χ^2 /NDF: 128.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

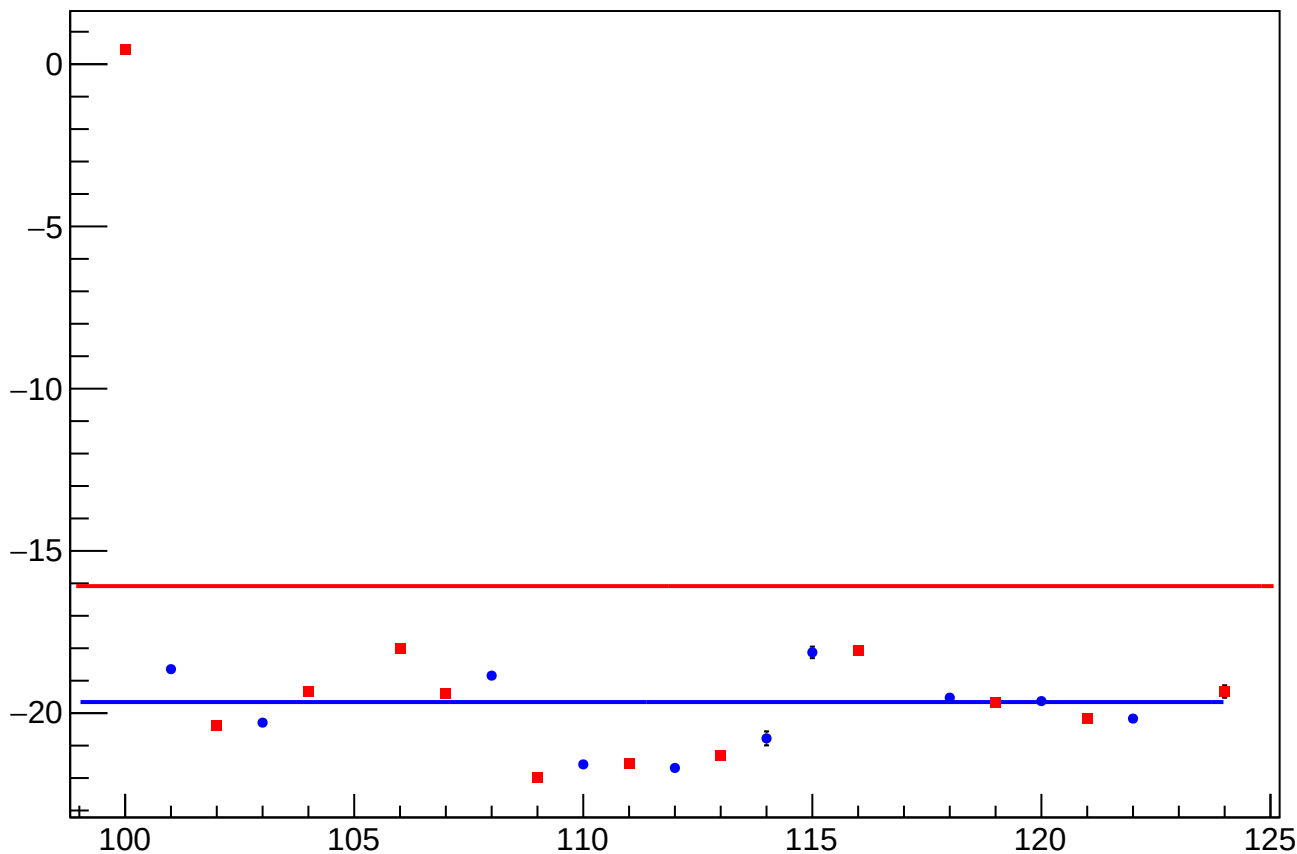
Right: 1.365 $\pm$ 0.339 χ^2 /NDF: 334.2/21

In: 2.644 $\pm$ 0.492 χ^2 /NDF:193.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.365 $\pm$ 0.339 χ^2 /NDF: 334.2/21

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.659 ± 0.026 $\chi^2/\text{NDF}: 1513.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.085 ± 0.023 $\chi^2/\text{NDF}: 125107.3/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

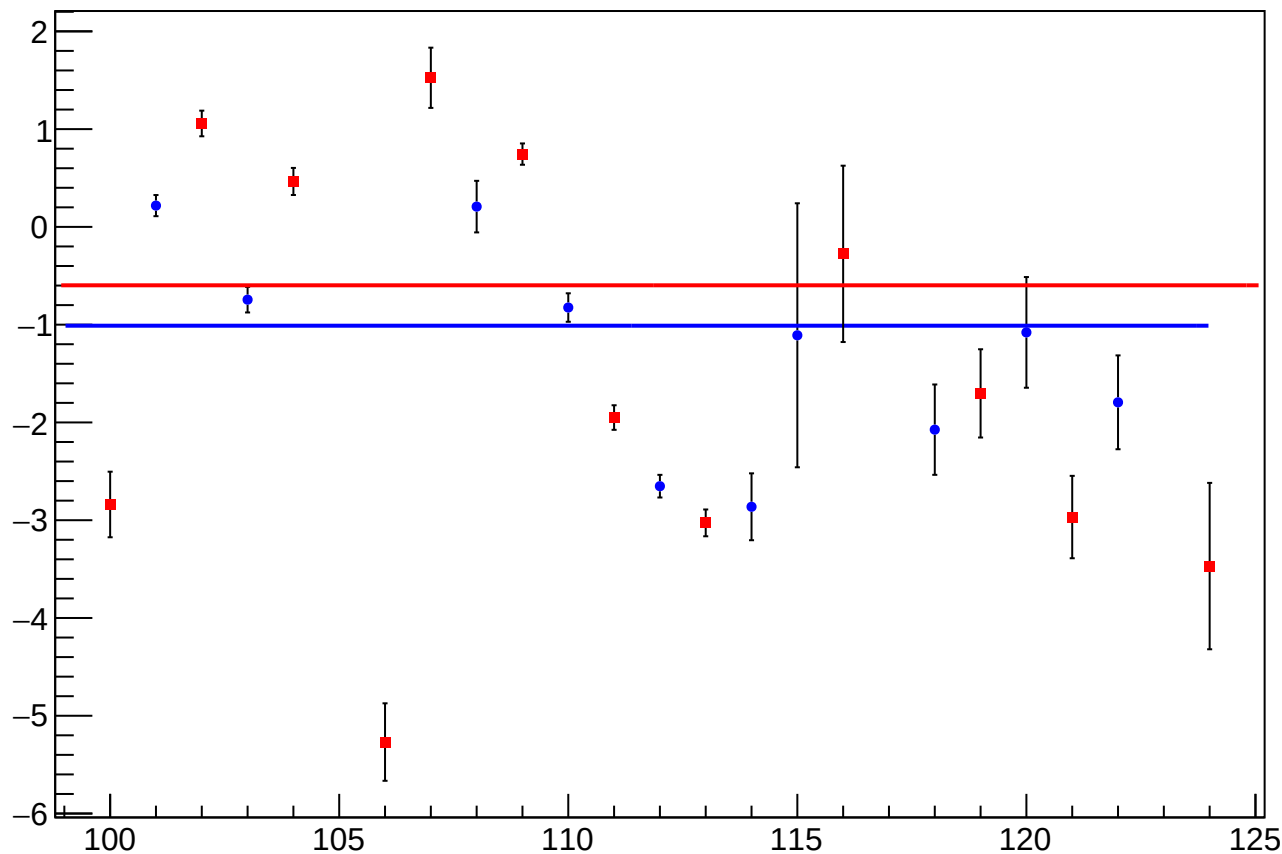
Right: -17.618 ± 0.017 $\chi^2/\text{NDF}: 137232.1/21$

In: -19.659 ± 0.026 $\chi^2/\text{NDF}: 1513.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.618 ± 0.017 $\chi^2/\text{NDF}: 137232.1/21$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.011 ± 0.058 χ^2/NDF : 394.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.597 ± 0.053 χ^2/NDF : 1080.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

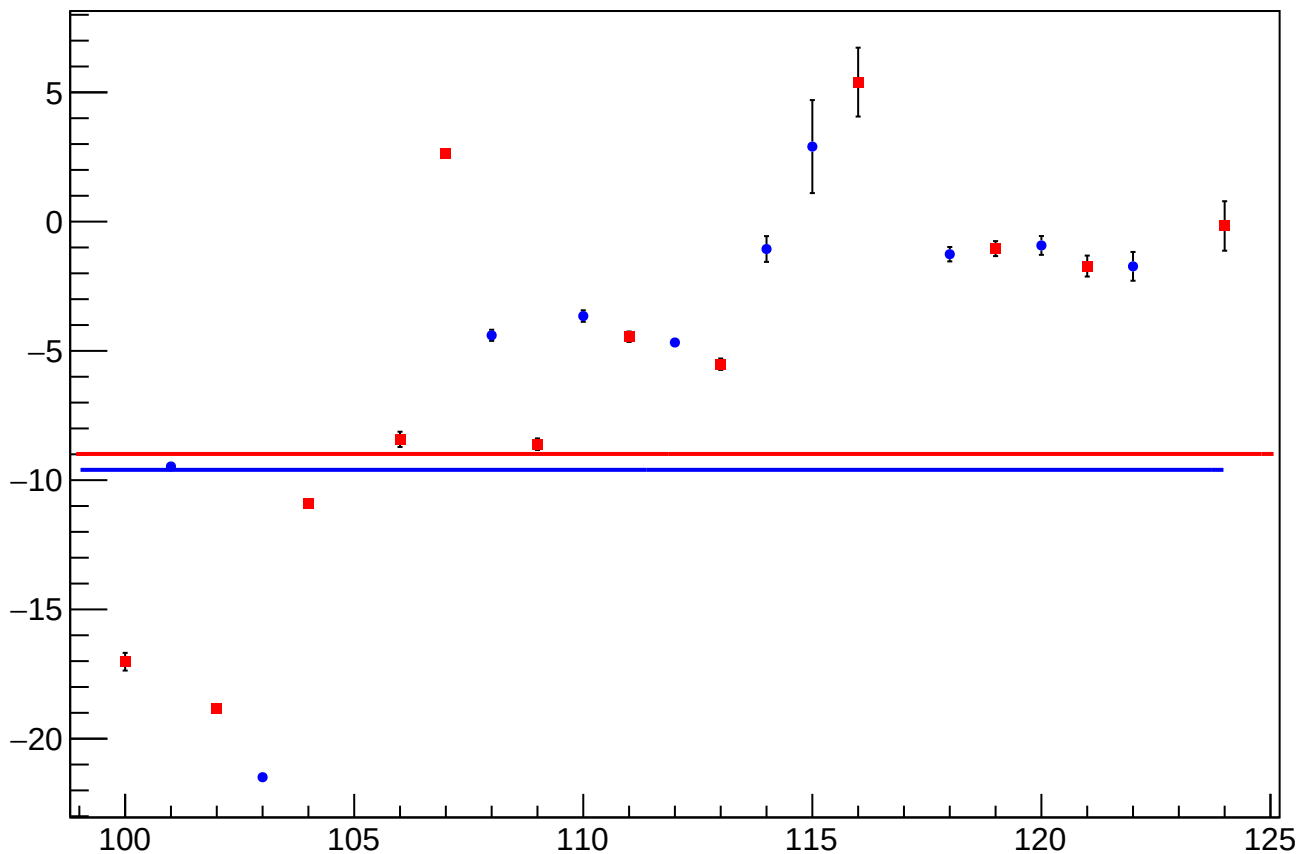
Right: -0.789 ± 0.039 χ^2/NDF : 1502.3/21

In: -1.011 ± 0.058 χ^2/NDF : 394.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.789 ± 0.039 χ^2/NDF : 1502.3/21

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.601 ± 0.060 χ^2/NDF : 11300.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.987 ± 0.061 χ^2/NDF : 12478.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

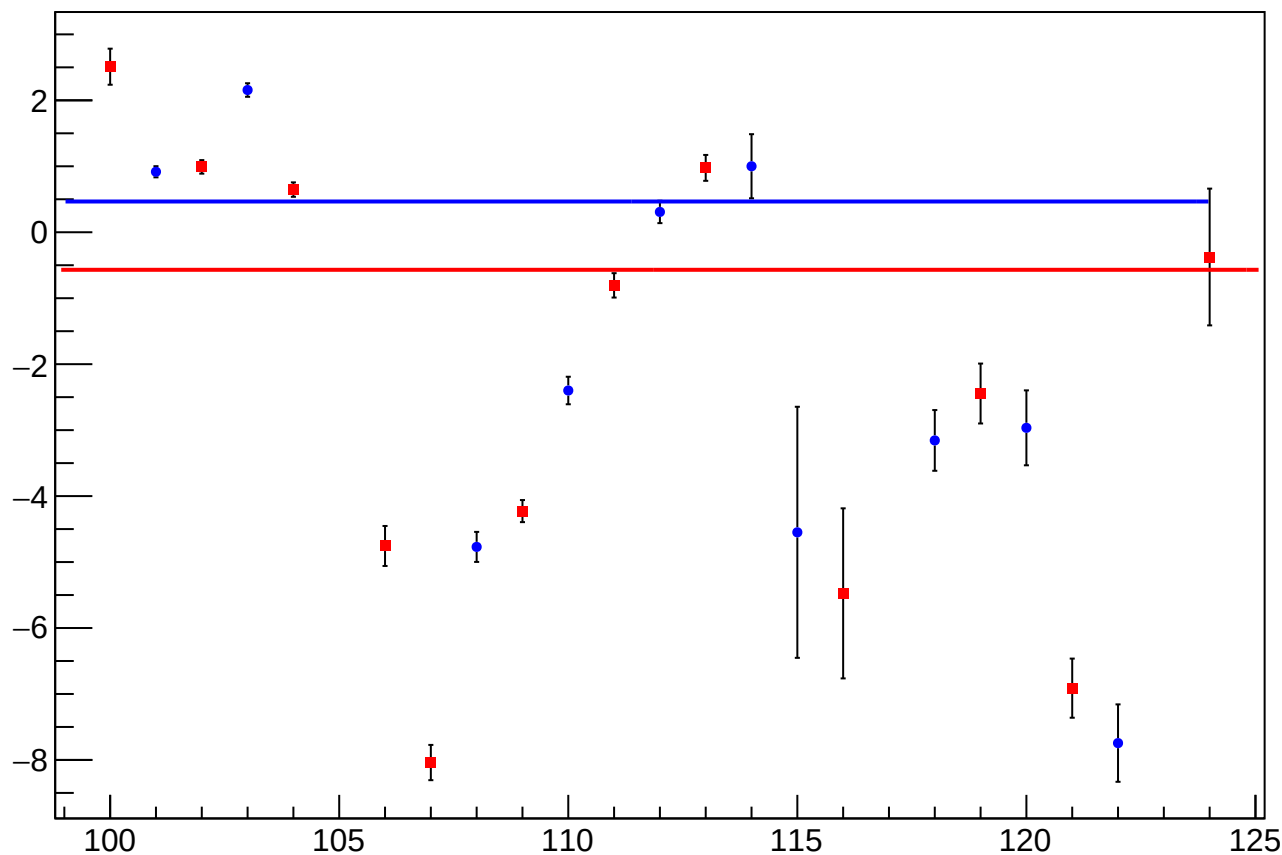
Right: -9.300 ± 0.043 χ^2/NDF : 23829.4/21

In: -9.601 ± 0.060 χ^2/NDF : 11300.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.300 ± 0.043 χ^2/NDF : 23829.4/21

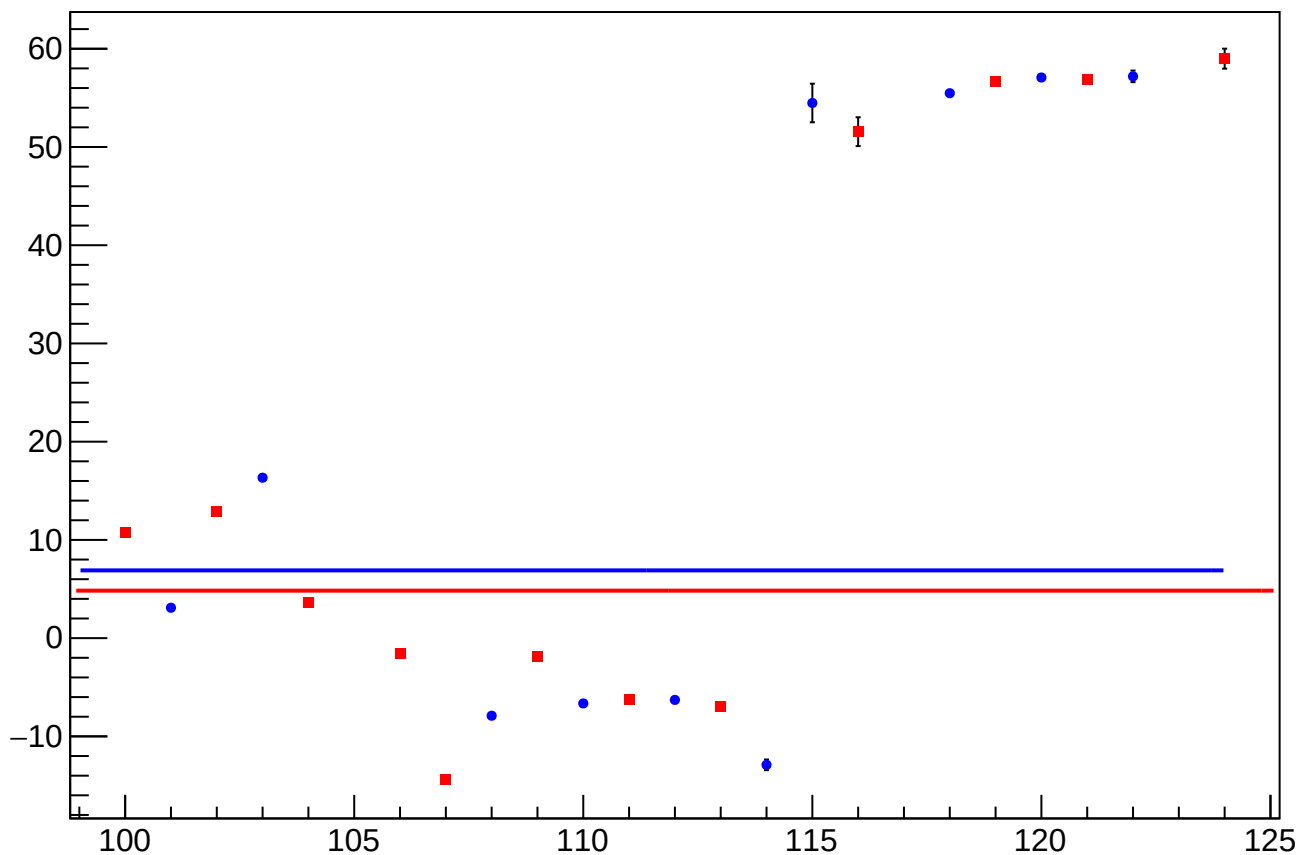
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.466+/-0.055 χ^2/NDF : 1319.5/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.569+/-0.056 χ^2/NDF : 2226.6/11
 Left 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+/-0.039 χ^2/NDF : 3719.2/21
 In: 0.466+/-0.055 χ^2/NDF : 1319.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.045+/-0.039 χ^2/NDF : 3719.2/21

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.898+/-0.073 χ^2/NDF : 52748.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.836+/-0.073 χ^2/NDF : 53185.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

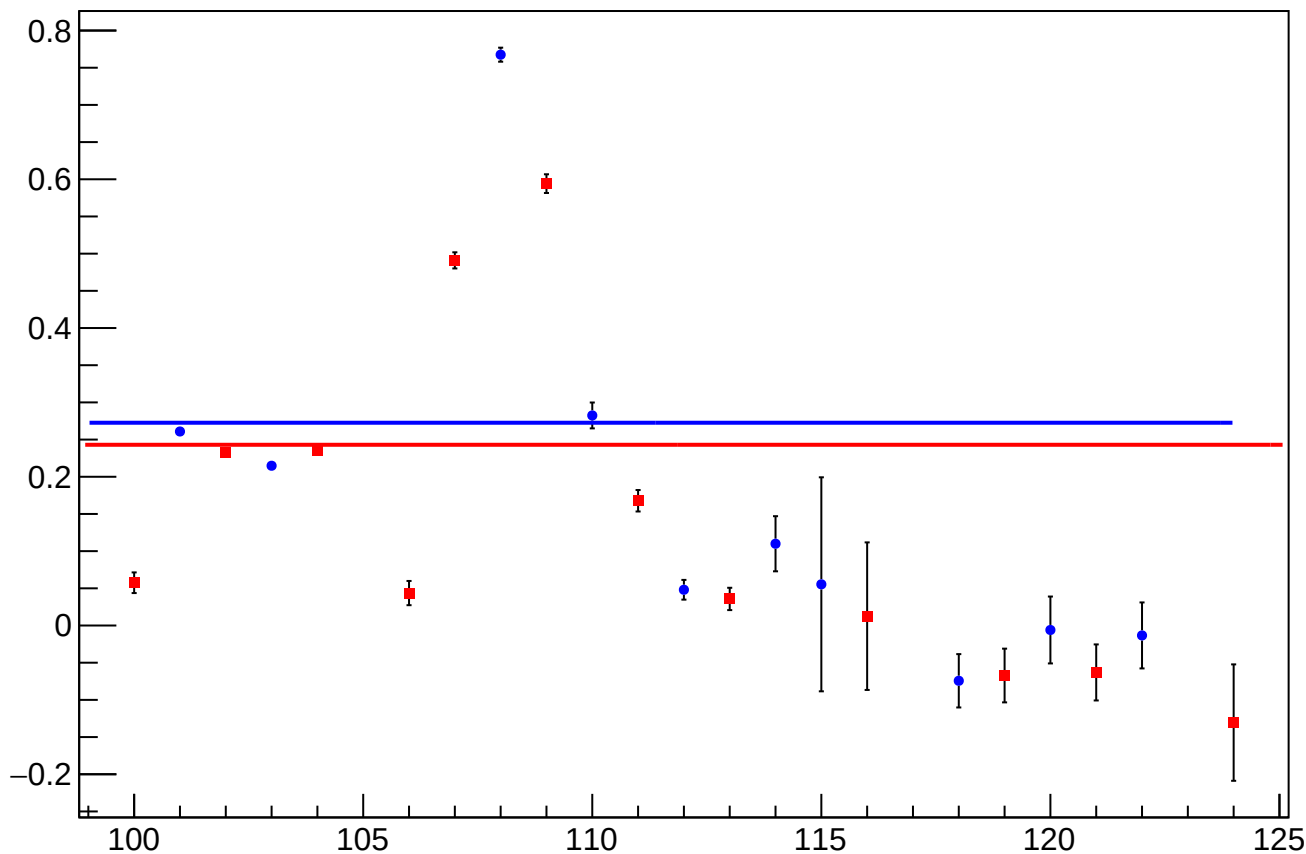
Right: 5.871+/-0.052 χ^2/NDF : 106332.9/21

In: 6.898+/-0.073 χ^2/NDF : 52748.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.871+/-0.052 χ^2/NDF : 106332.9/21

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.273+/-0.003 χ^2/NDF : 3425.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.243+/-0.003 χ^2/NDF : 2022.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

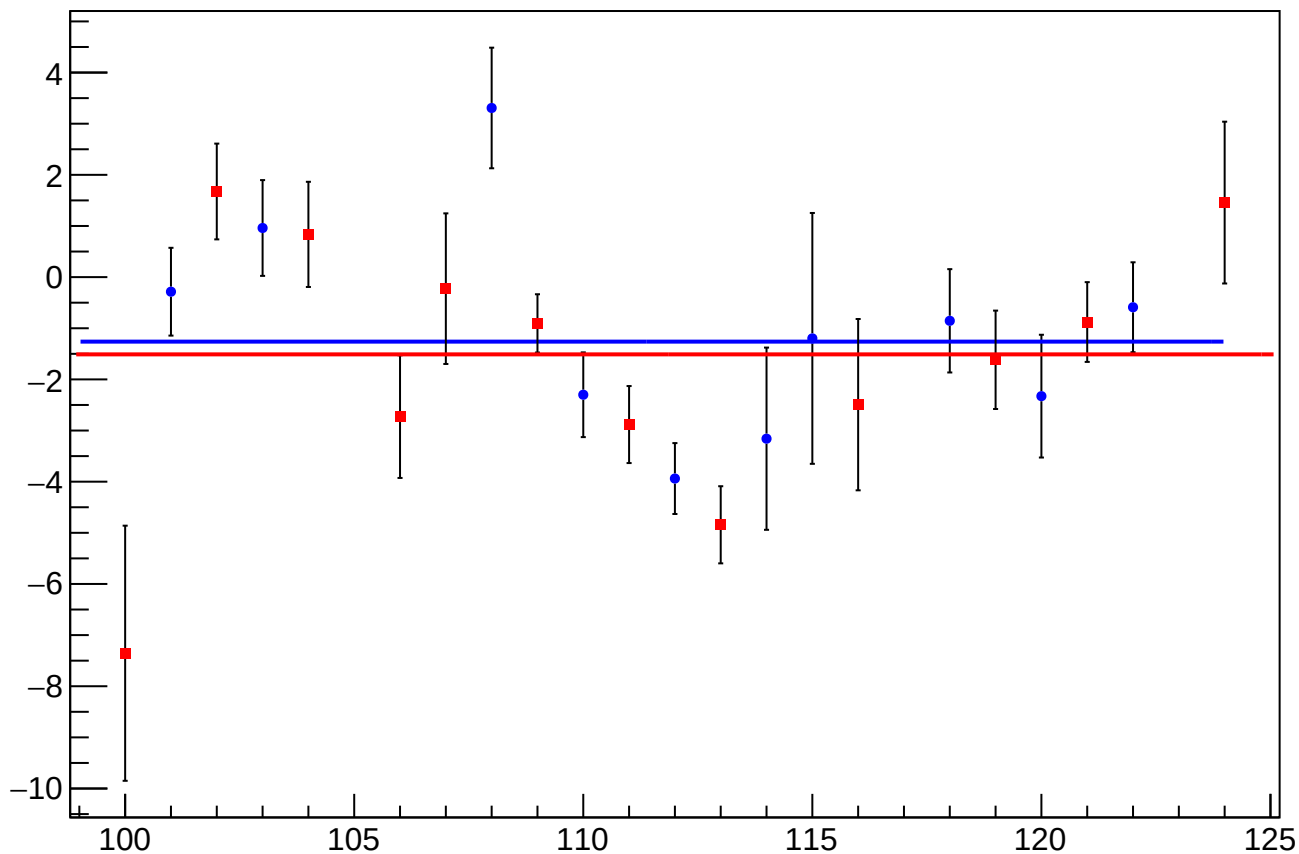
Right: 0.257+/-0.002 χ^2/NDF : 5500.2/21

In: 0.273+/-0.003 χ^2/NDF :3425.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.257+/-0.002 χ^2/NDF : 5500.2/21

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.261 ± 0.313 χ^2/NDF : 41.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.511 ± 0.272 χ^2/NDF : 52.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

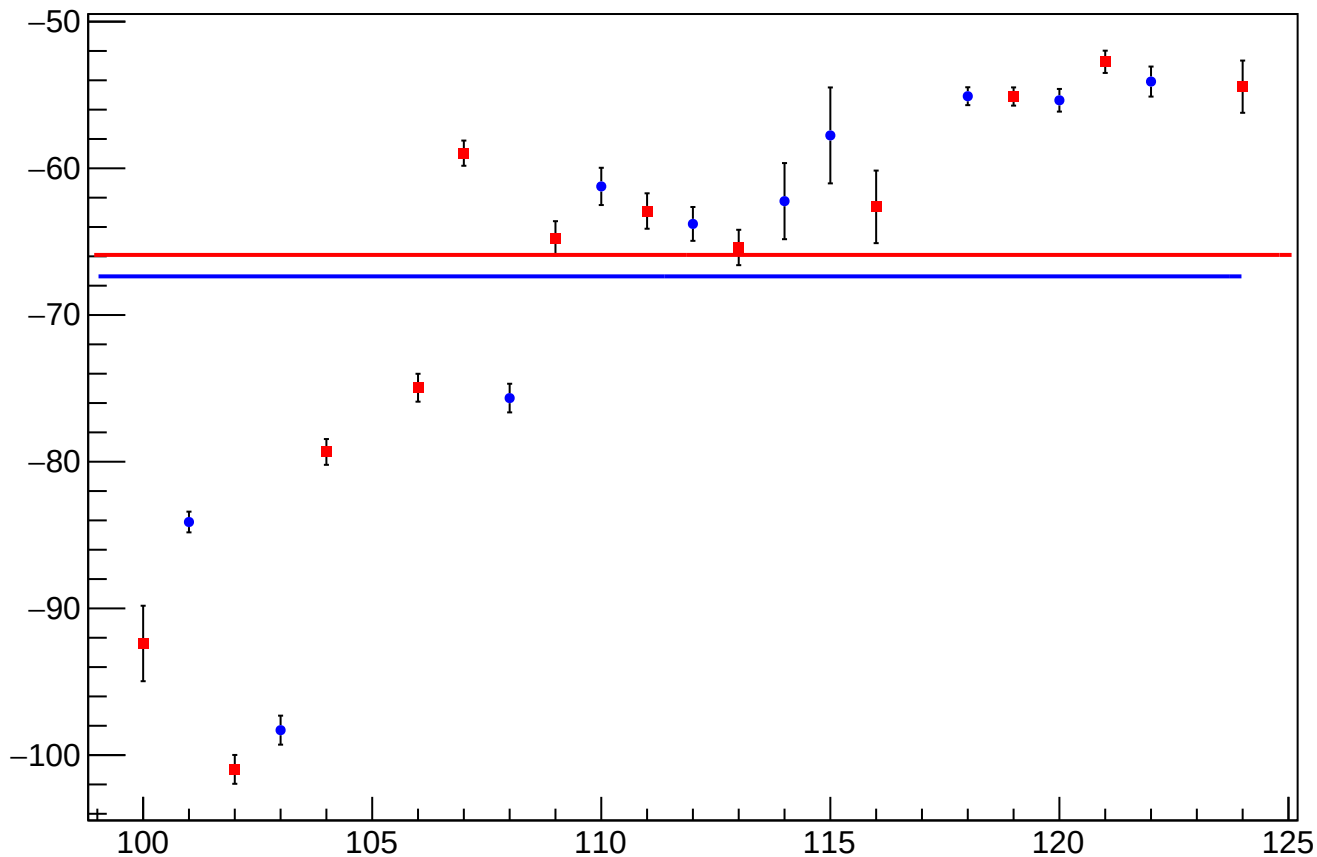
Right: -1.403 ± 0.205 χ^2/NDF : 94.0/21

In: -1.261 ± 0.313 χ^2/NDF : 41.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.403 ± 0.205 χ^2/NDF : 94.0/21

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -67.365 $\pm$ 0.301 χ^2 /NDF: 2473.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -65.903 $\pm$ 0.290 χ^2 /NDF: 2421.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

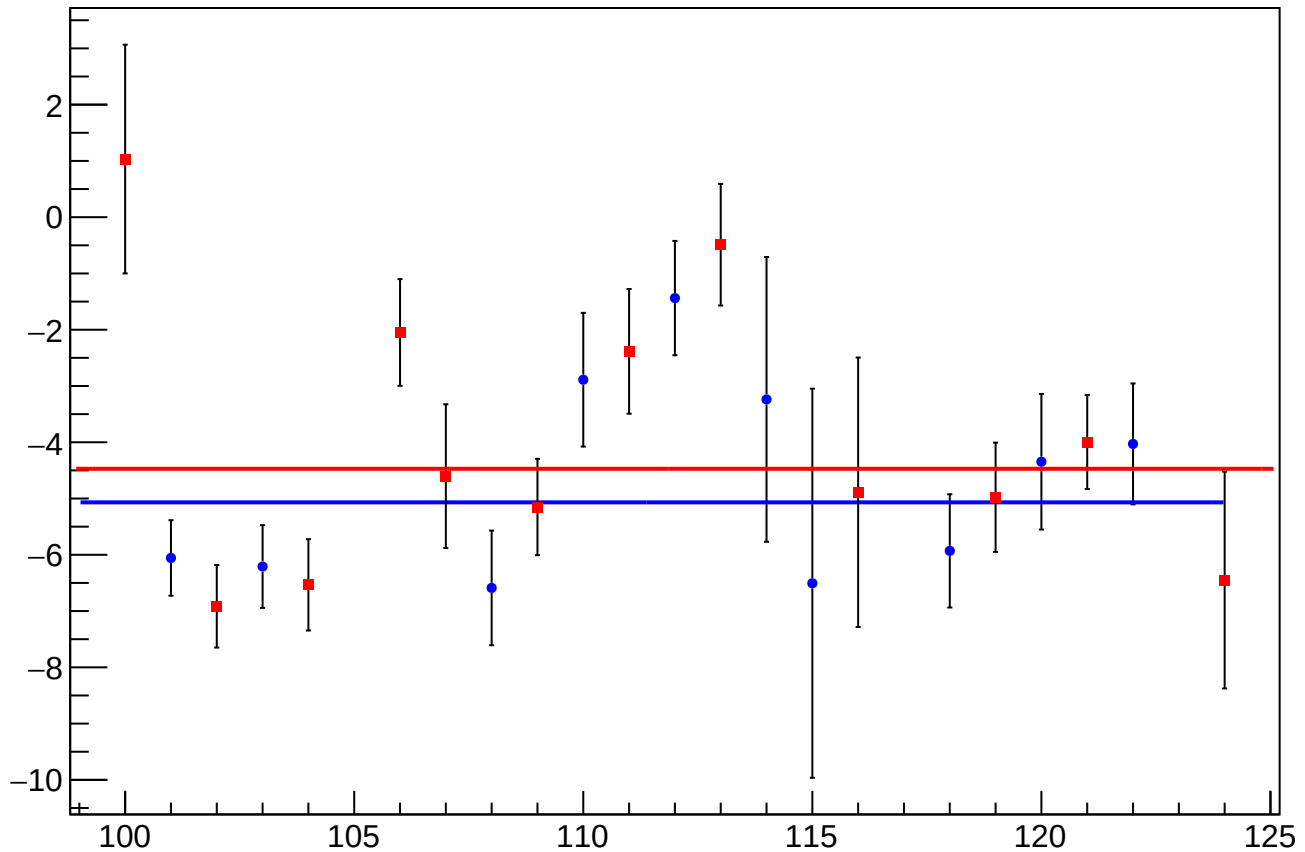
Right: -66.607 $\pm$ 0.209 χ^2 /NDF: 4907.6/21

In: -67.365 $\pm$ 0.301 χ^2 /NDF:2473.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.607 $\pm$ 0.209 χ^2 /NDF: 4907.6/21

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.068 ± 0.325 $\chi^2/\text{NDF}: 25.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.471 ± 0.297 $\chi^2/\text{NDF}: 50.9/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

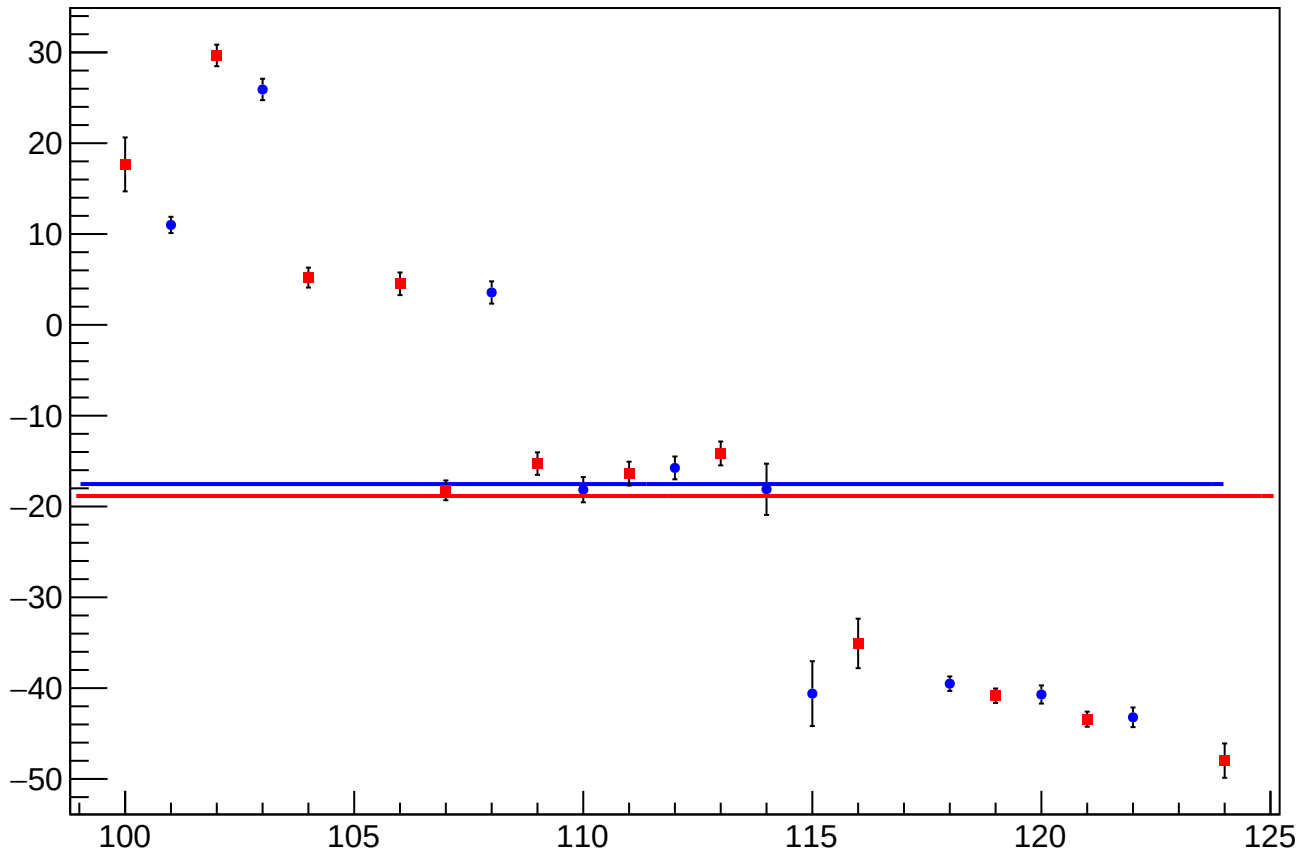
Right: -4.744 ± 0.219 $\chi^2/\text{NDF}: 78.4/21$

In: -5.068 ± 0.325 $\chi^2/\text{NDF}: 25.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.744 ± 0.219 $\chi^2/\text{NDF}: 78.4/21$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.530+/-0.367 χ^2/NDF : 4575.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -18.844+/-0.345 χ^2/NDF : 4588.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

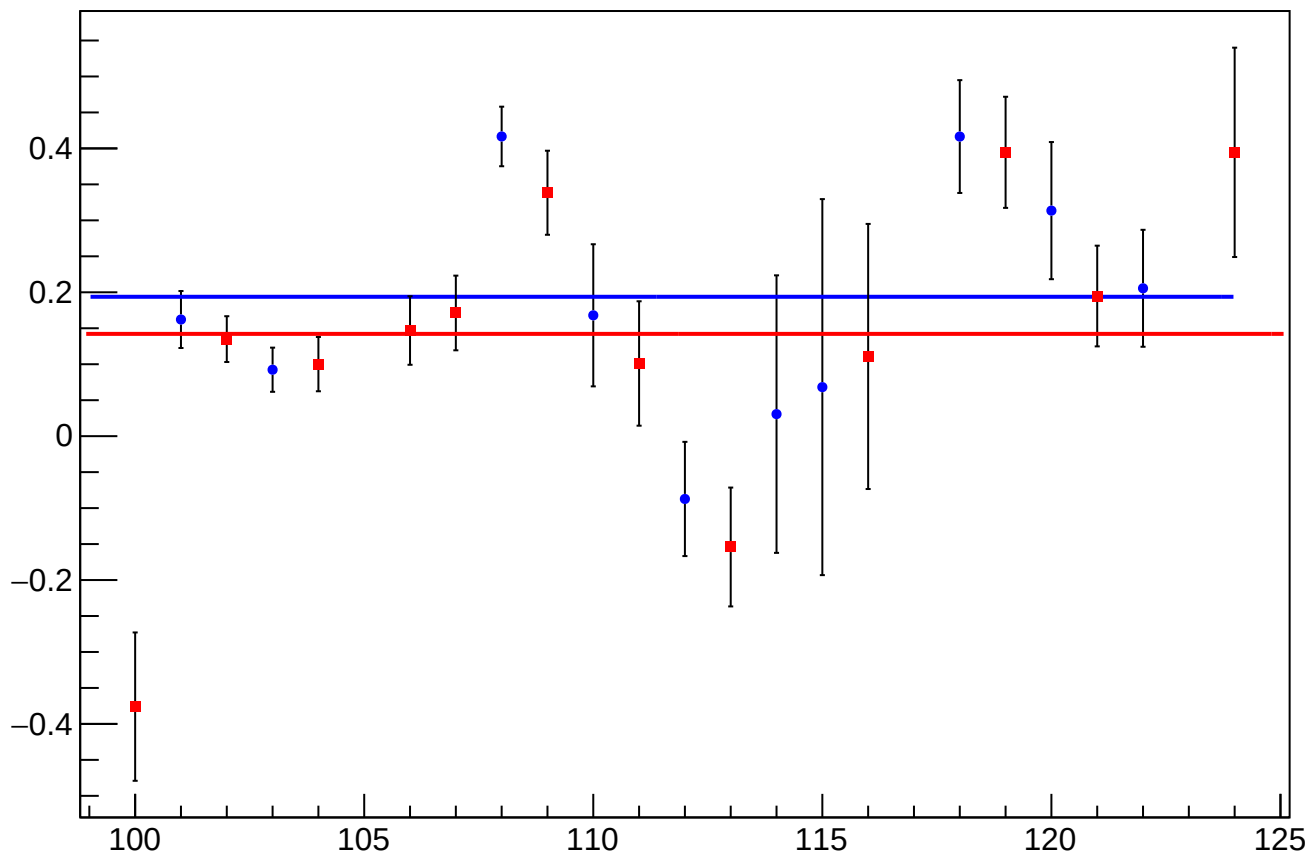
Right: -18.227+/-0.252 χ^2/NDF : 9170.6/21

In: -17.530+/-0.367 χ^2/NDF :4575.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -18.227+/-0.252 χ^2/NDF : 9170.6/21

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.194+/-0.018 χ^2/NDF : 63.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.142+/-0.017 χ^2/NDF : 65.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

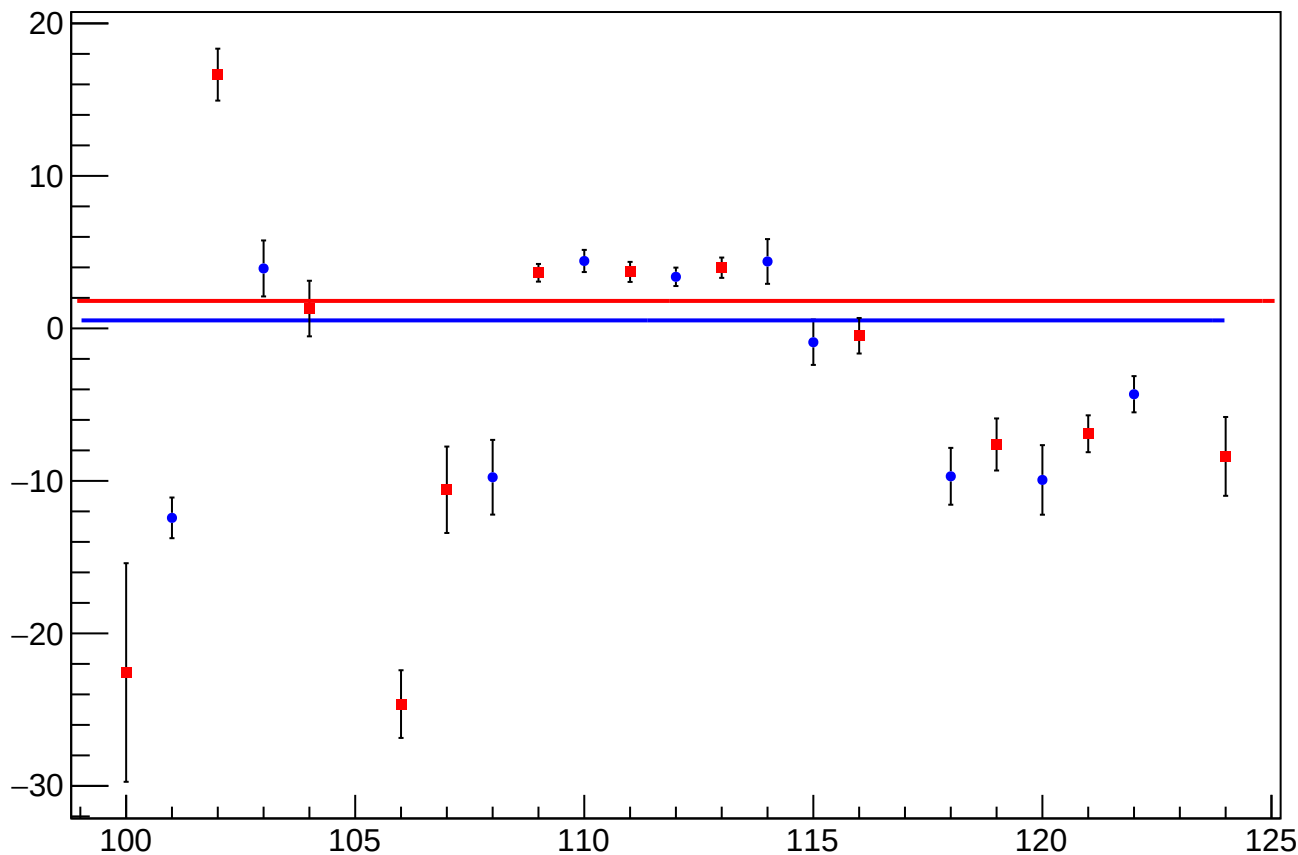
Right: 0.166+/-0.012 χ^2/NDF : 133.6/21

In: 0.194+/-0.018 χ^2/NDF : 63.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.166+/-0.012 χ^2/NDF : 133.6/21

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.524+/-0.359 χ^2/NDF : 242.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.802+/-0.309 χ^2/NDF : 379.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

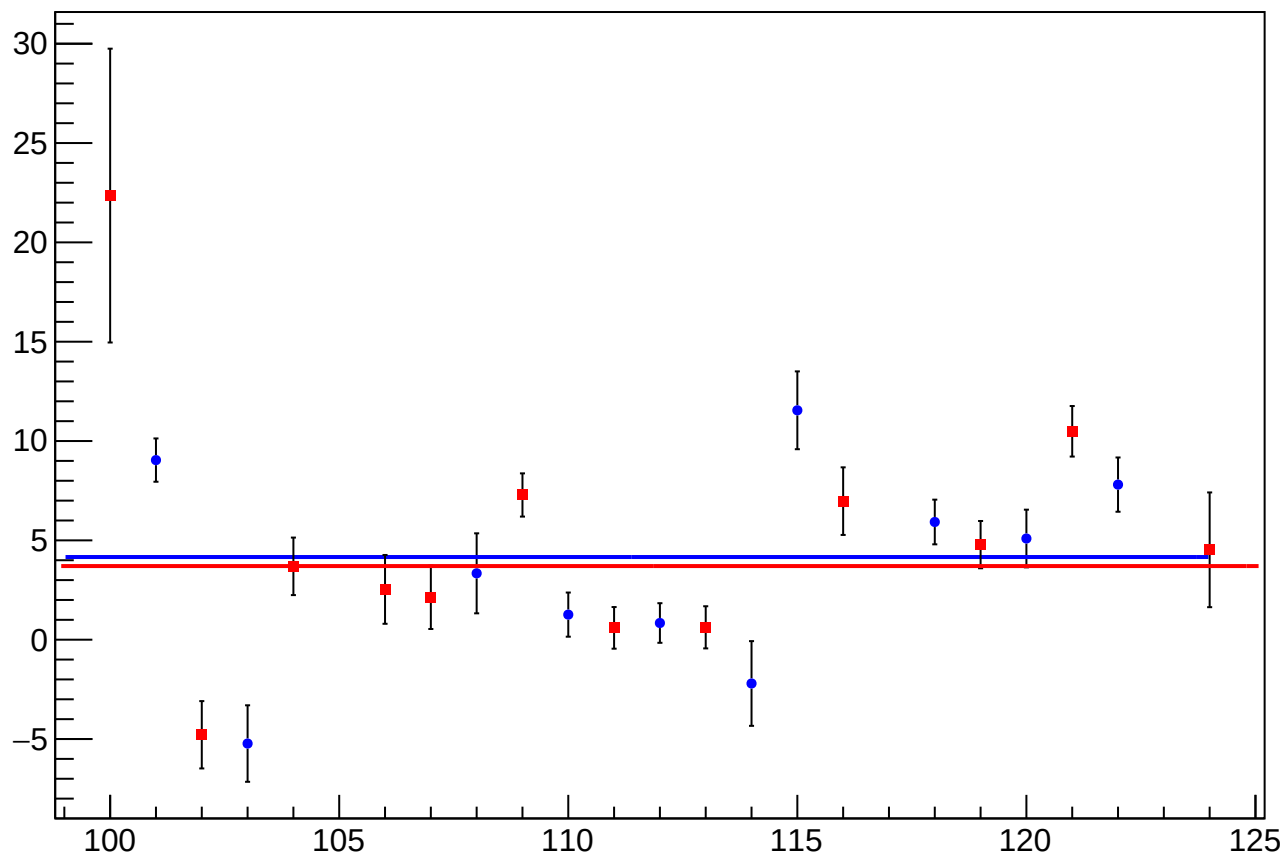
Right: 1.257+/-0.234 χ^2/NDF : 628.9/21

In: 0.524+/-0.359 χ^2/NDF :242.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.257+/-0.234 χ^2/NDF : 628.9/21

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.161+/-0.428 χ^2/NDF : 95.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.706+/-0.408 χ^2/NDF : 94.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

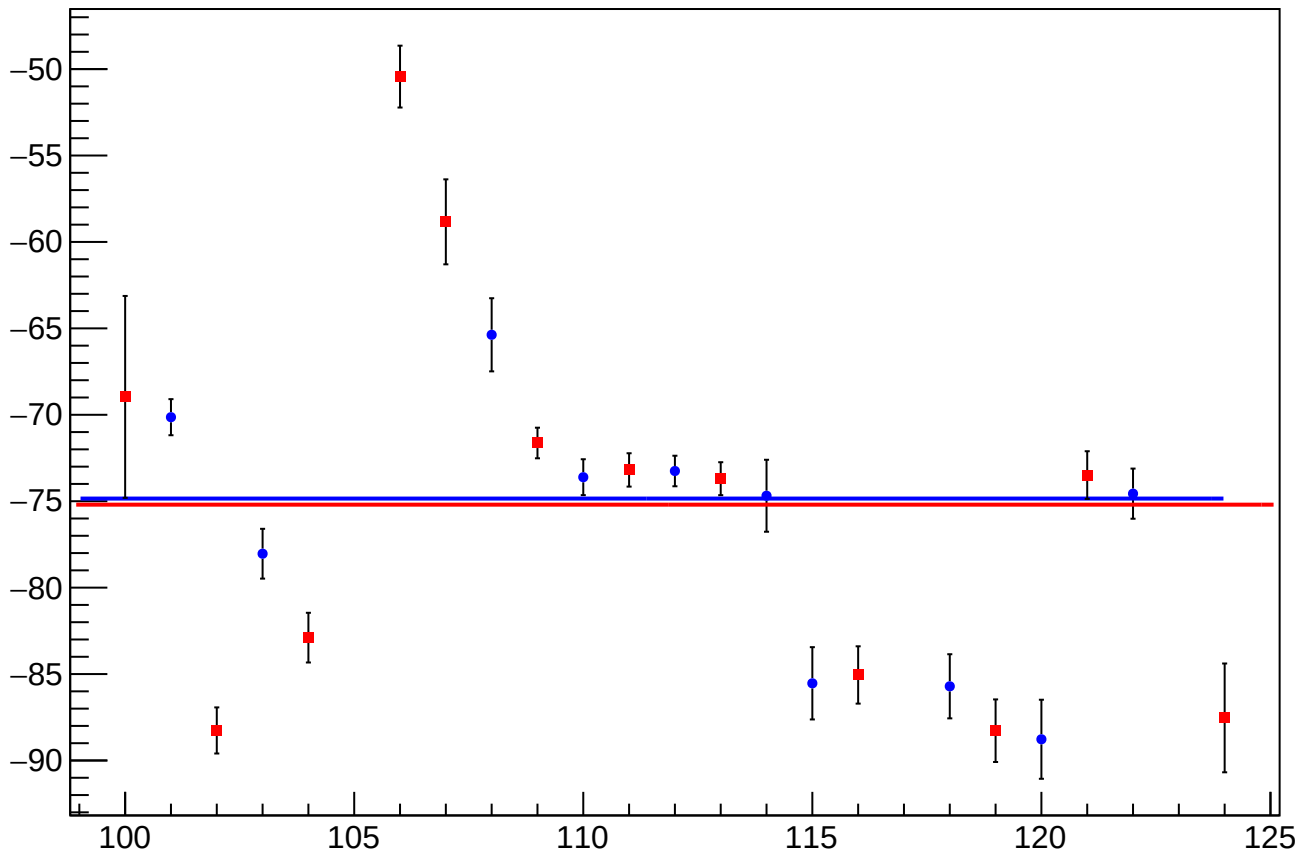
Right: 3.923+/-0.295 χ^2/NDF : 189.6/21

In: 4.161+/-0.428 χ^2/NDF : 95.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.923+/-0.295 χ^2/NDF : 189.6/21

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.847 $\pm$ 0.437 χ^2 /NDF: 147.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -75.199 $\pm$ 0.398 χ^2 /NDF: 489.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

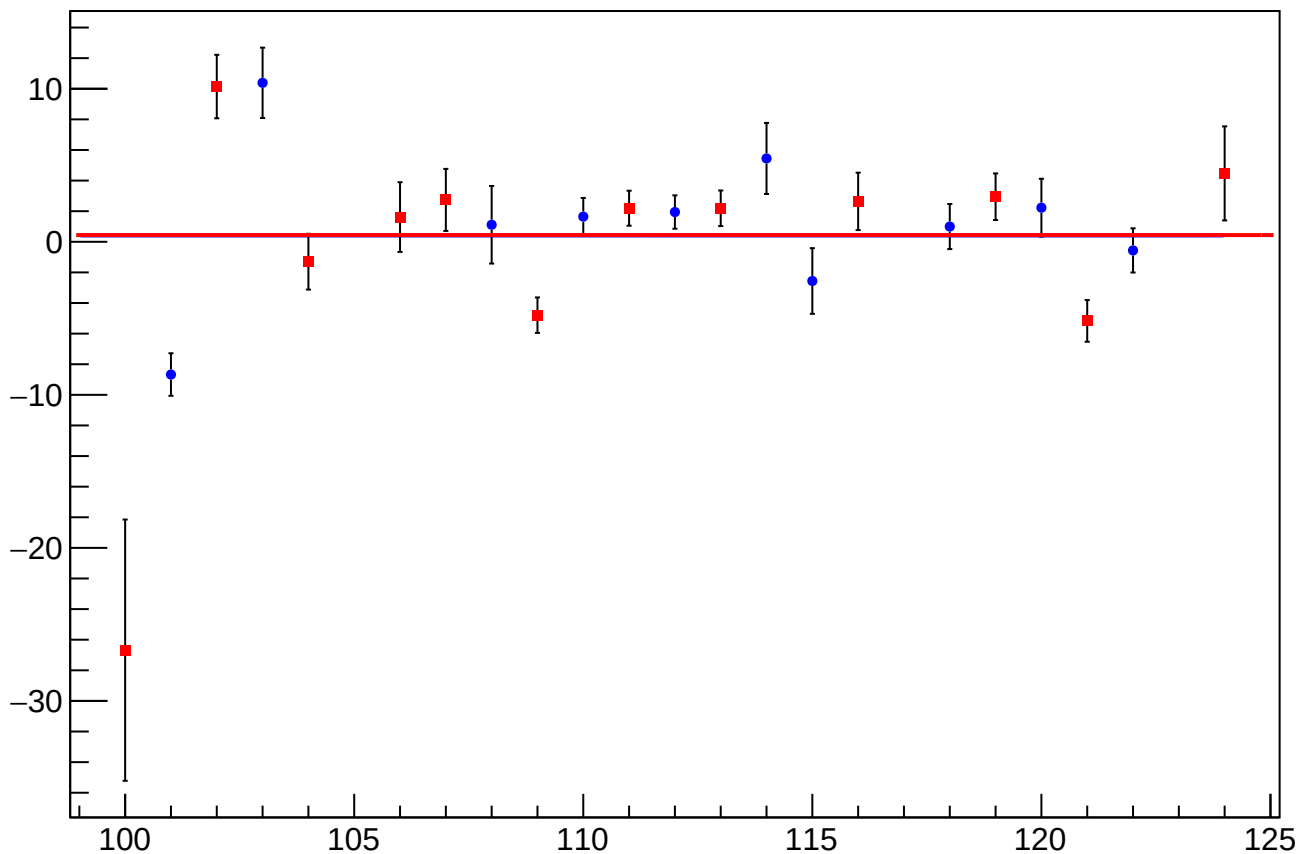
Right: -75.039 $\pm$ 0.294 χ^2 /NDF: 636.9/21

In: -74.847 $\pm$ 0.437 χ^2 /NDF:147.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -75.039 $\pm$ 0.294 χ^2 /NDF: 636.9/21

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.417+/-0.500 χ^2/NDF : 72.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.440+/-0.467 χ^2/NDF : 82.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

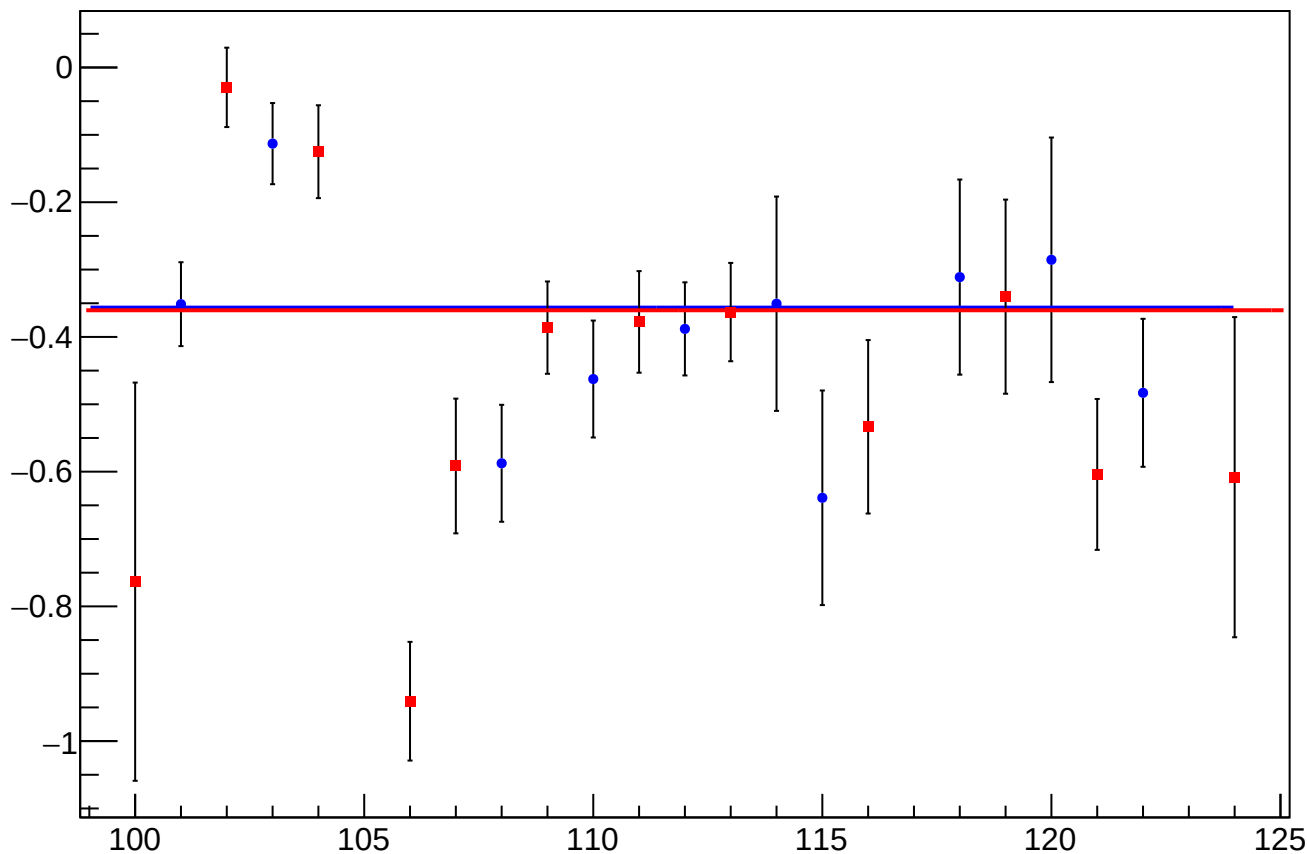
Right: 0.429+/-0.341 χ^2/NDF : 155.0/21

In: 0.417+/-0.500 χ^2/NDF : 72.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.429+/-0.341 χ^2/NDF : 155.0/21

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.356+/-0.028 χ^2/NDF : 29.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.360+/-0.026 χ^2/NDF : 101.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

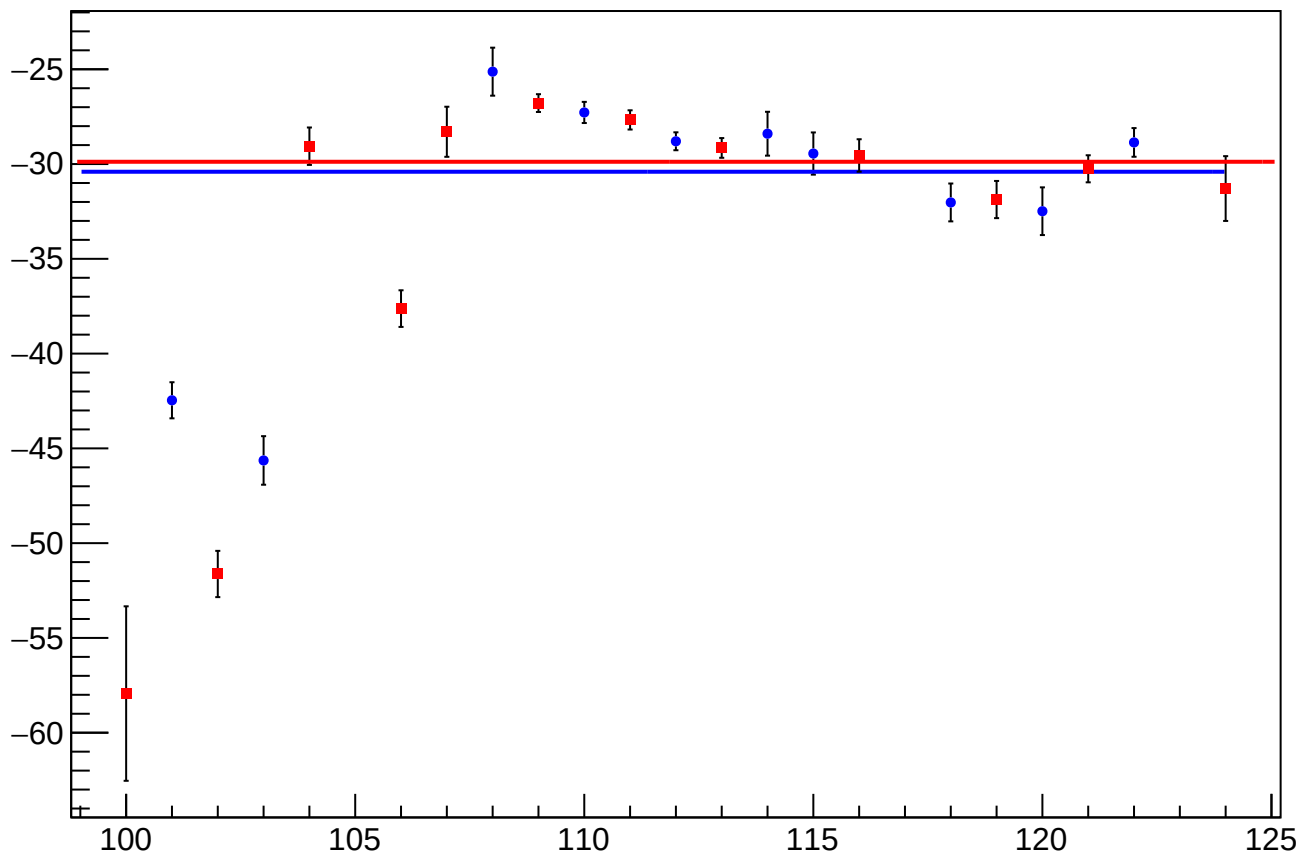
Right: -0.359+/-0.019 χ^2/NDF : 131.5/21

In: -0.356+/-0.028 χ^2/NDF : 29.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.359+/-0.019 χ^2/NDF : 131.5/21

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.406 $\pm$ 0.258 χ^2 /NDF: 375.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.880 $\pm$ 0.222 χ^2 /NDF: 490.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

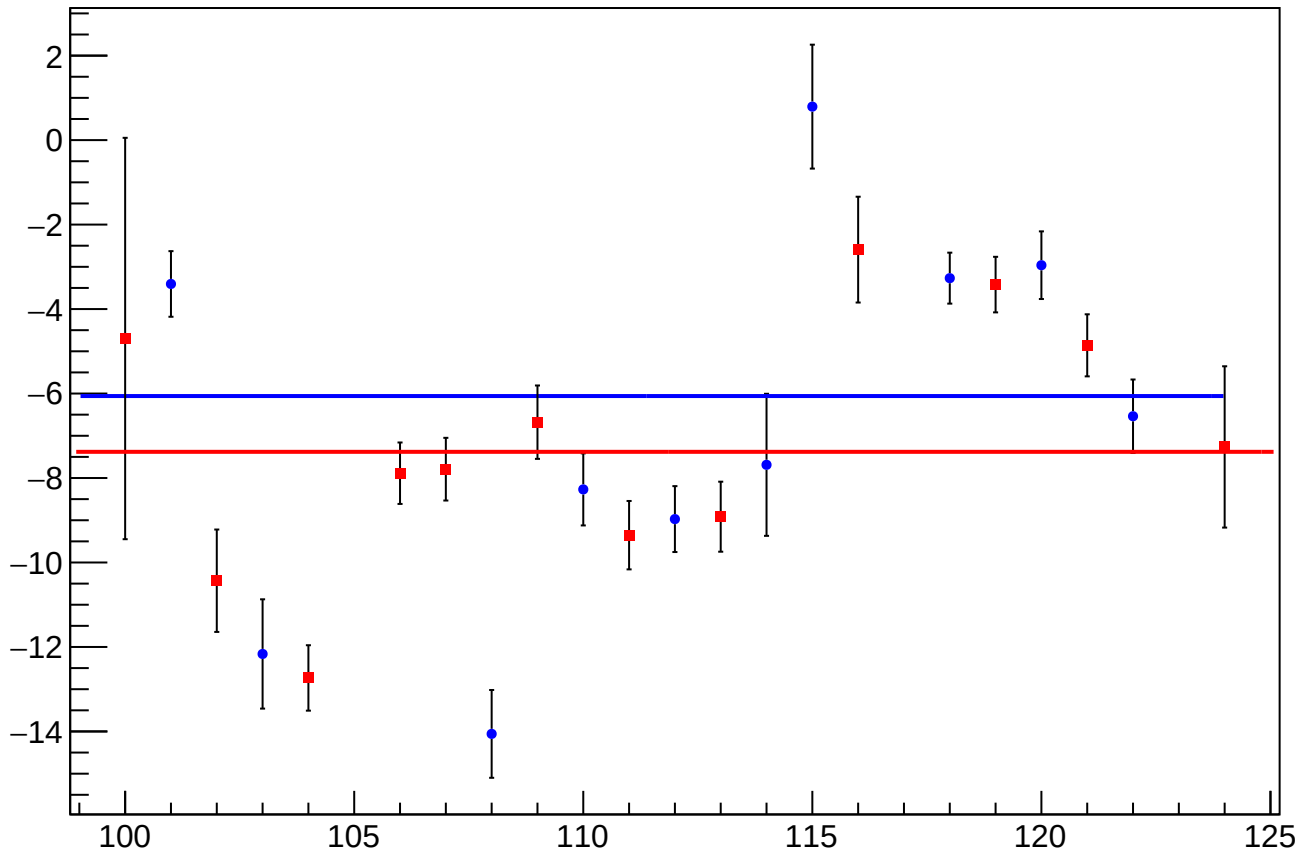
Right: -30.103 $\pm$ 0.169 χ^2 /NDF: 868.7/21

In: -30.406 $\pm$ 0.258 χ^2 /NDF:375.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.103 $\pm$ 0.169 χ^2 /NDF: 868.7/21

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.059 ± 0.281 χ^2/NDF : 173.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.380 ± 0.254 χ^2/NDF : 127.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

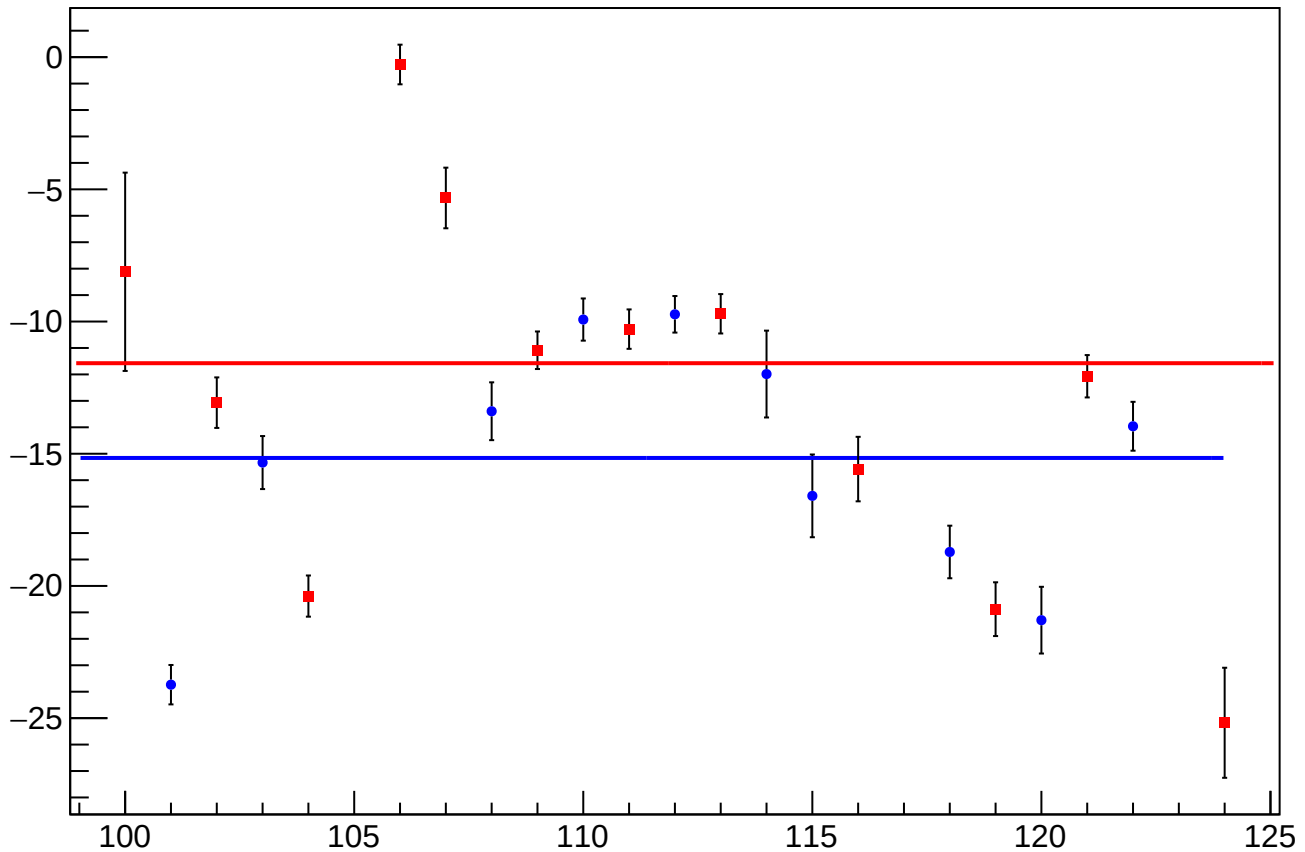
Right: -6.786 ± 0.189 χ^2/NDF : 313.2/21

In: -6.059 ± 0.281 χ^2/NDF : 173.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.786 ± 0.189 χ^2/NDF : 313.2/21

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.159 ± 0.303 χ^2/NDF : 282.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.576 ± 0.264 χ^2/NDF : 535.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

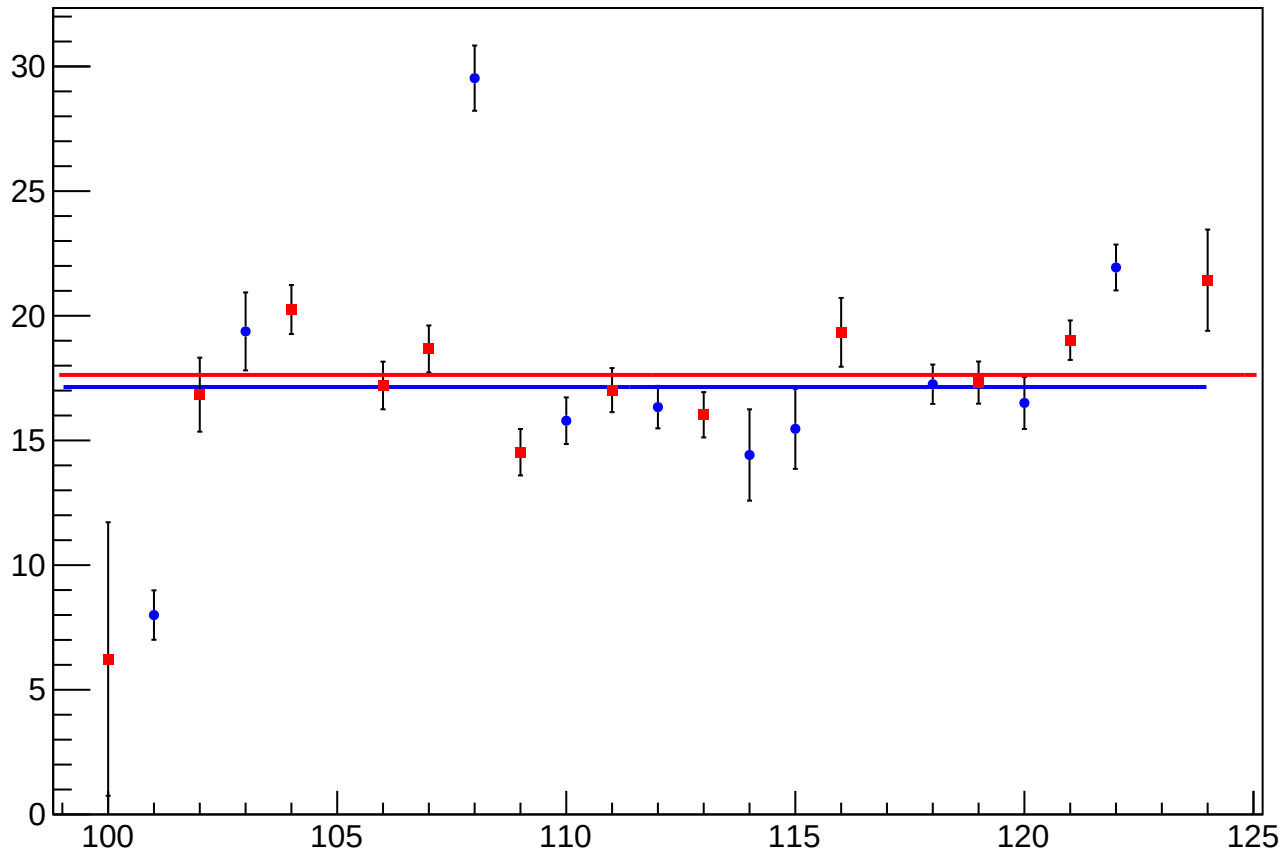
Right: -13.120 ± 0.199 χ^2/NDF : 897.5/21

In: -15.159 ± 0.303 χ^2/NDF : 282.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.120 ± 0.199 χ^2/NDF : 897.5/21

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.143+/-0.335 χ^2/NDF : 210.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.628+/-0.299 χ^2/NDF : 36.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

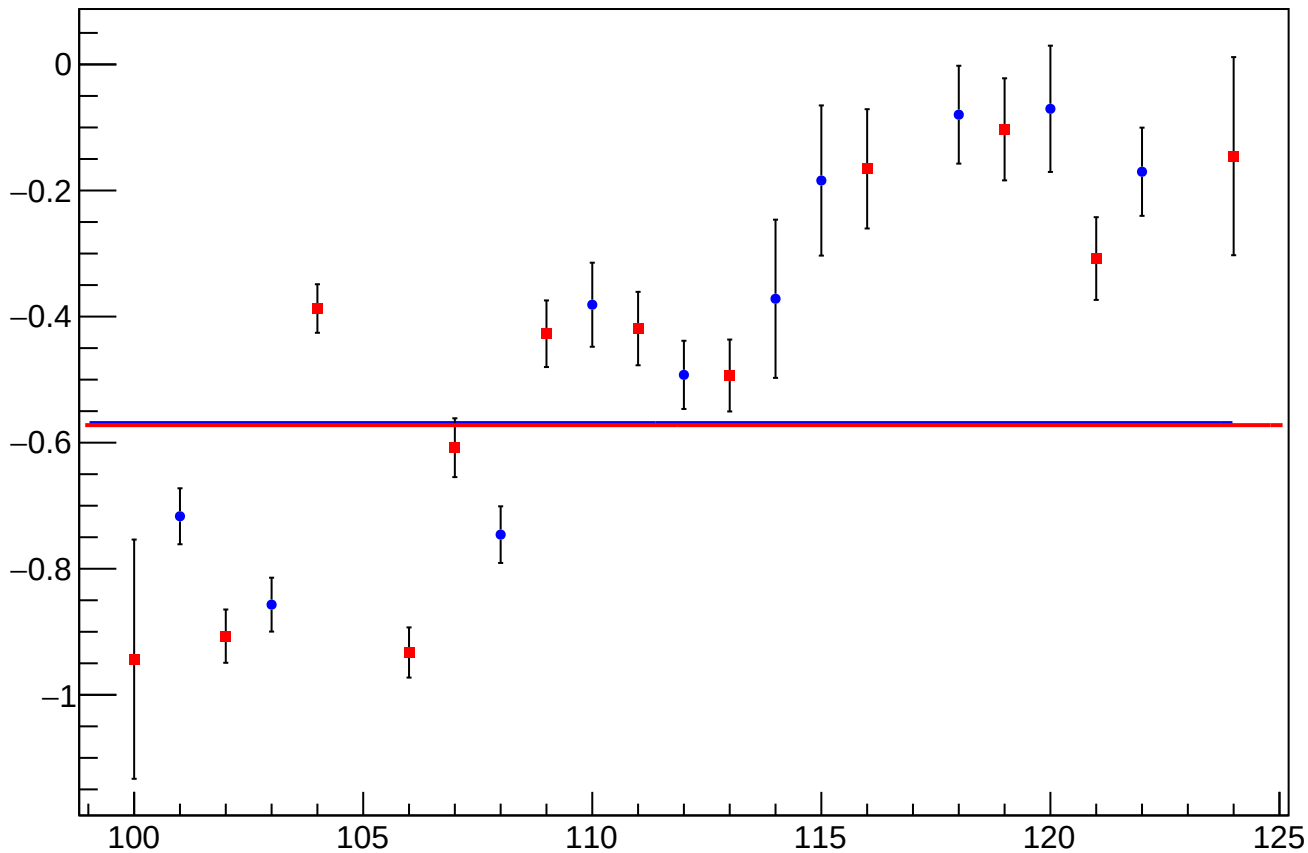
Right: 17.412+/-0.223 χ^2/NDF : 247.9/21

In: 17.143+/-0.335 χ^2/NDF : 210.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.412+/-0.223 χ^2/NDF : 247.9/21

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.569+/-0.019 χ^2 /NDF: 191.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.572+/-0.016 χ^2 /NDF: 264.3/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

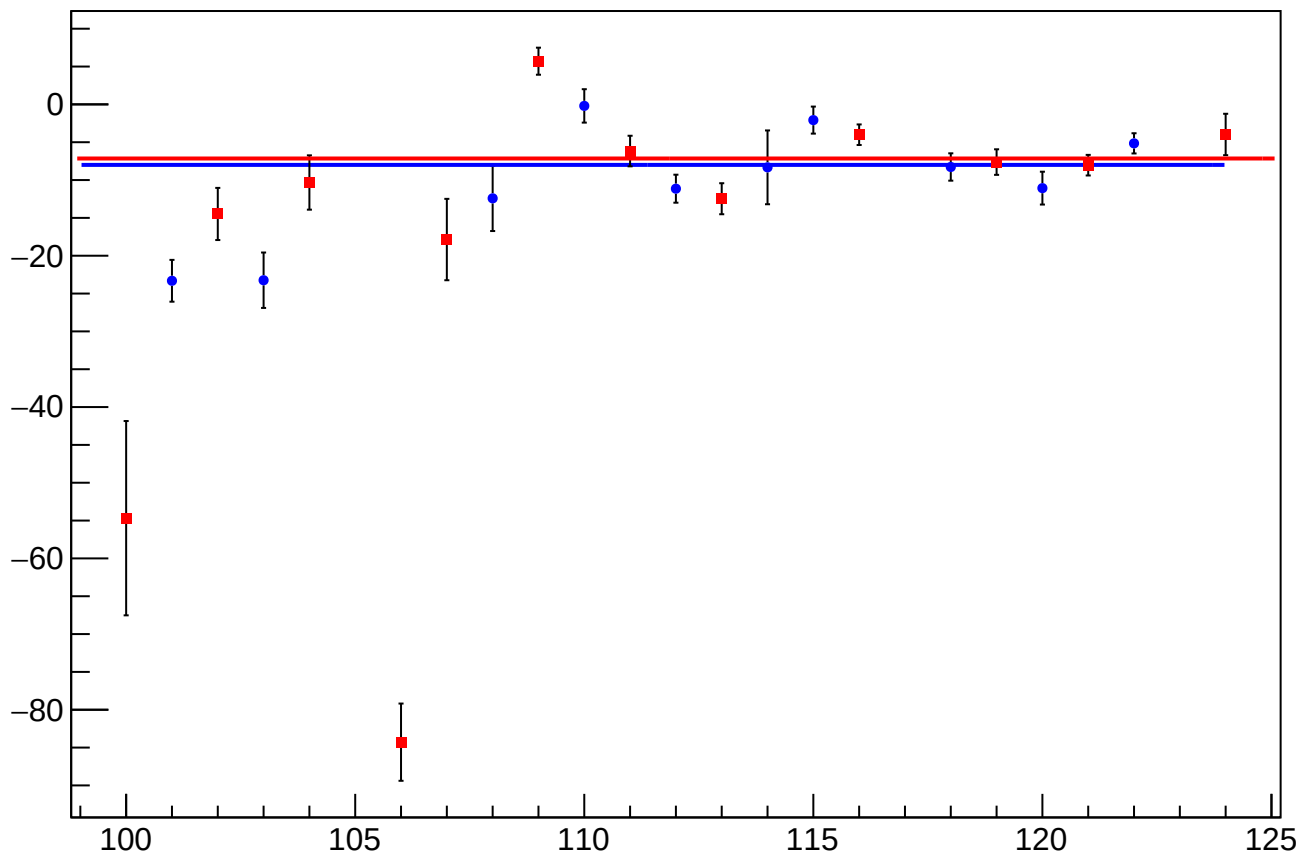
Right: -0.571+/-0.012 χ^2 /NDF: 456.2/21

In: -0.569+/-0.019 χ^2 /NDF:191.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.571+/-0.012 χ^2 /NDF: 456.2/21

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.997 $\pm$ 0.676 χ^2 /NDF: 82.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.152 $\pm$ 0.620 χ^2 /NDF: 317.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

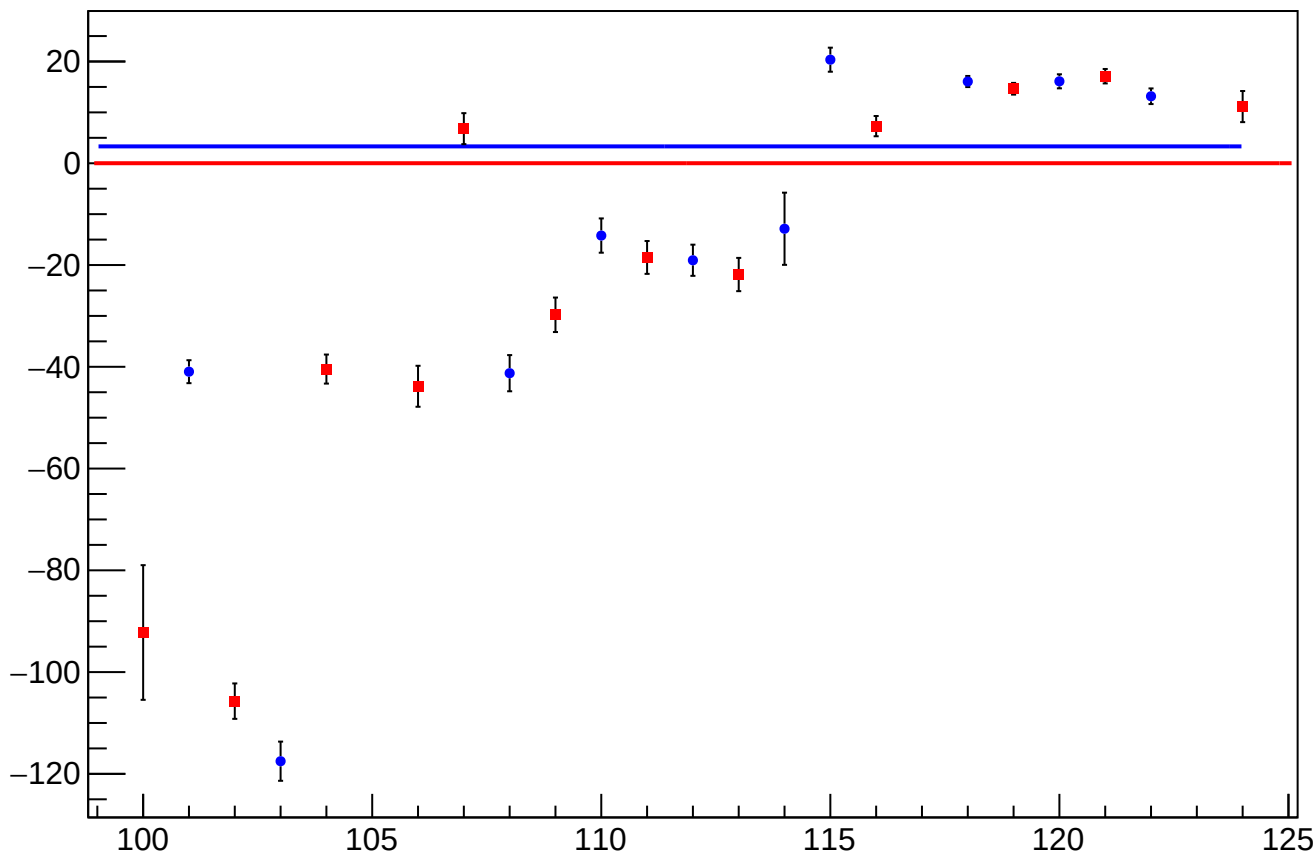
Right: -7.538 $\pm$ 0.457 χ^2 /NDF: 400.1/21

In: -7.997 $\pm$ 0.676 χ^2 /NDF:82.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.538 $\pm$ 0.457 χ^2 /NDF: 400.1/21

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.317+/-0.630 χ^2/NDF : 1927.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.664 χ^2/NDF : 1784.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

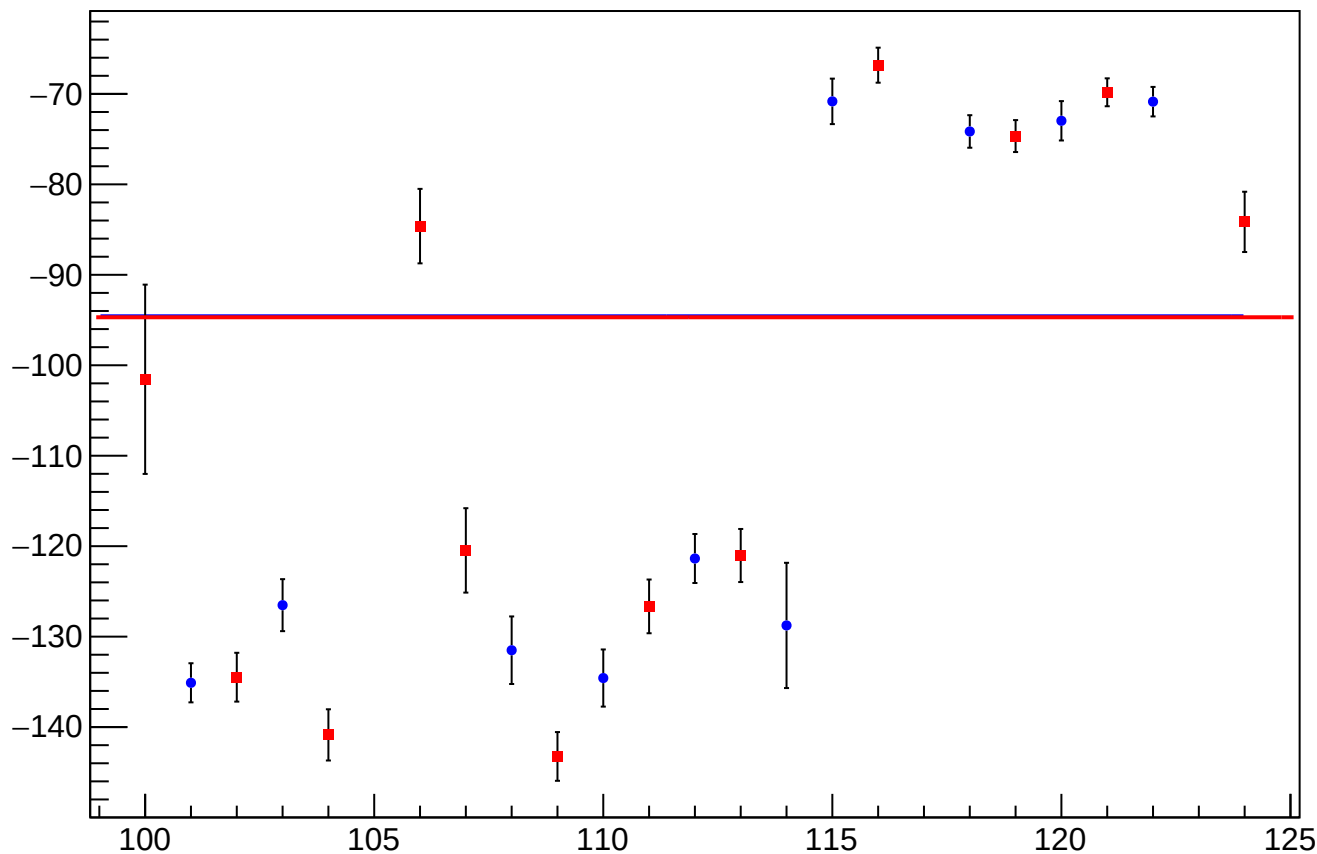
Right: 1.750+/-0.457 χ^2/NDF : 3724.6/21

In: 3.317+/-0.630 χ^2/NDF : 1927.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.750+/-0.457 χ^2/NDF : 3724.6/21

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.585 $\pm$ 0.763 χ^2 /NDF: 1383.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -94.694 $\pm$ 0.737 χ^2 /NDF: 1647.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

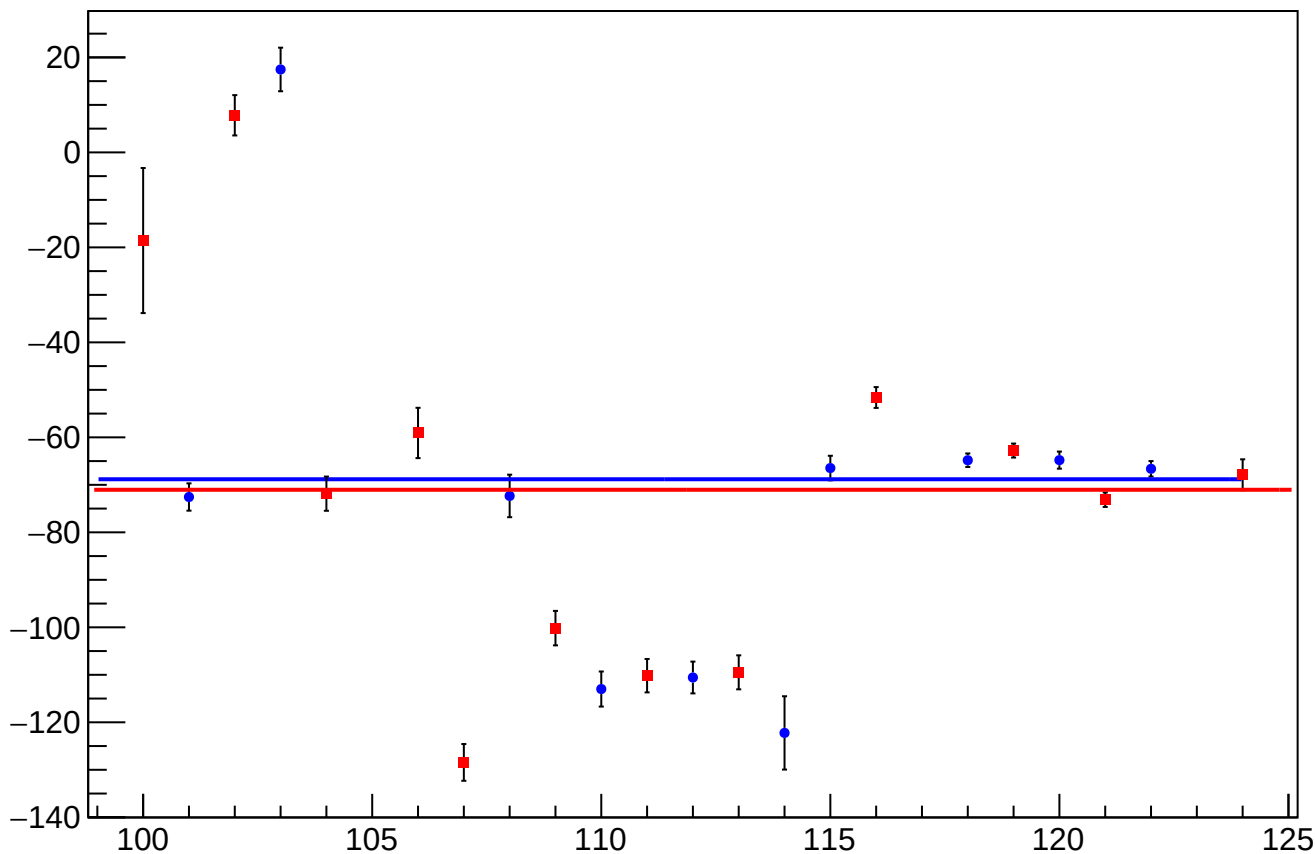
Right: -94.641 $\pm$ 0.530 χ^2 /NDF: 3030.3/21

In: -94.585 $\pm$ 0.763 χ^2 /NDF:1383.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -94.641 $\pm$ 0.530 χ^2 /NDF: 3030.3/21

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.824+/-0.761 χ^2/NDF : 717.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.040+/-0.775 χ^2/NDF : 998.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

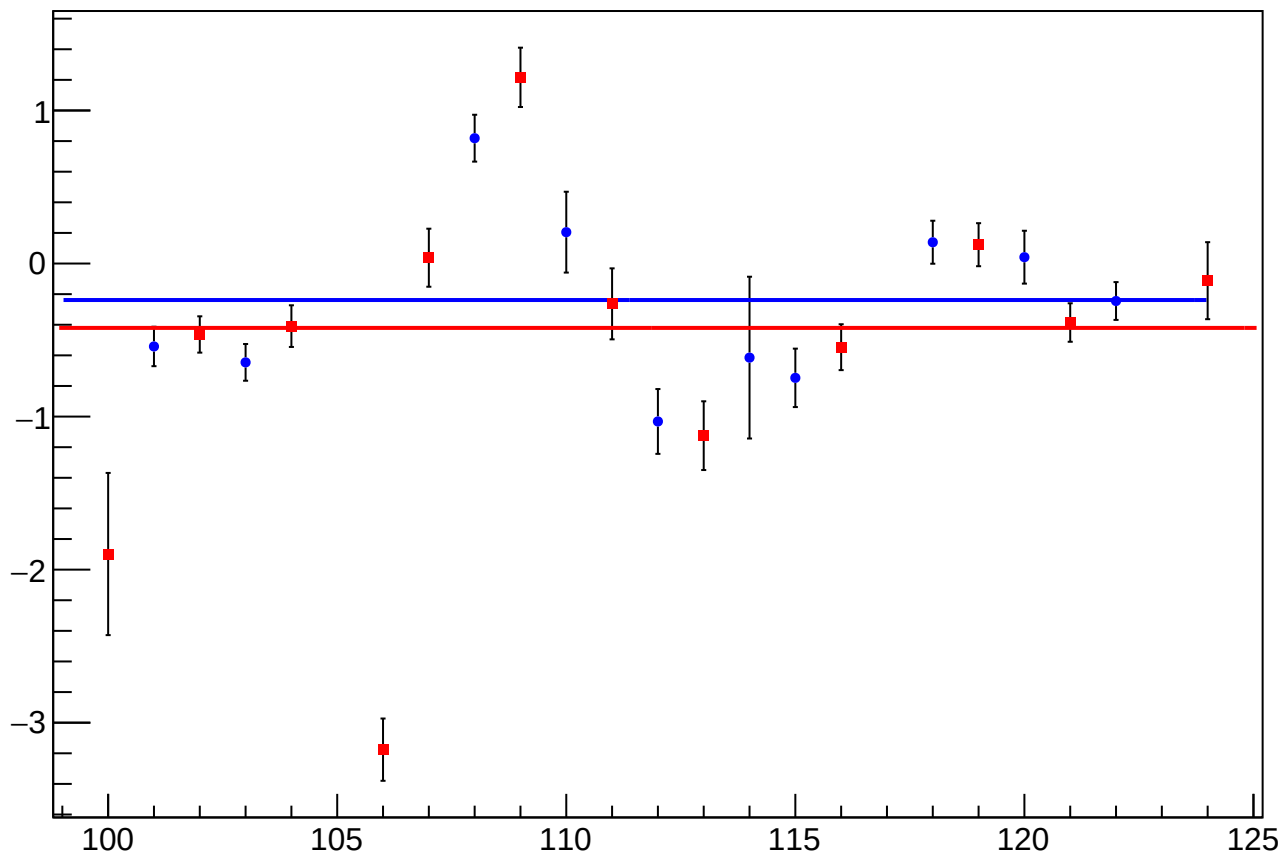
Right: -69.913+/-0.543 χ^2/NDF : 1720.3/21

In: -68.824+/-0.761 χ^2/NDF : 717.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.913+/-0.543 χ^2/NDF : 1720.3/21

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.238+/-0.051 χ^2/NDF : 99.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.421+/-0.049 χ^2/NDF : 296.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

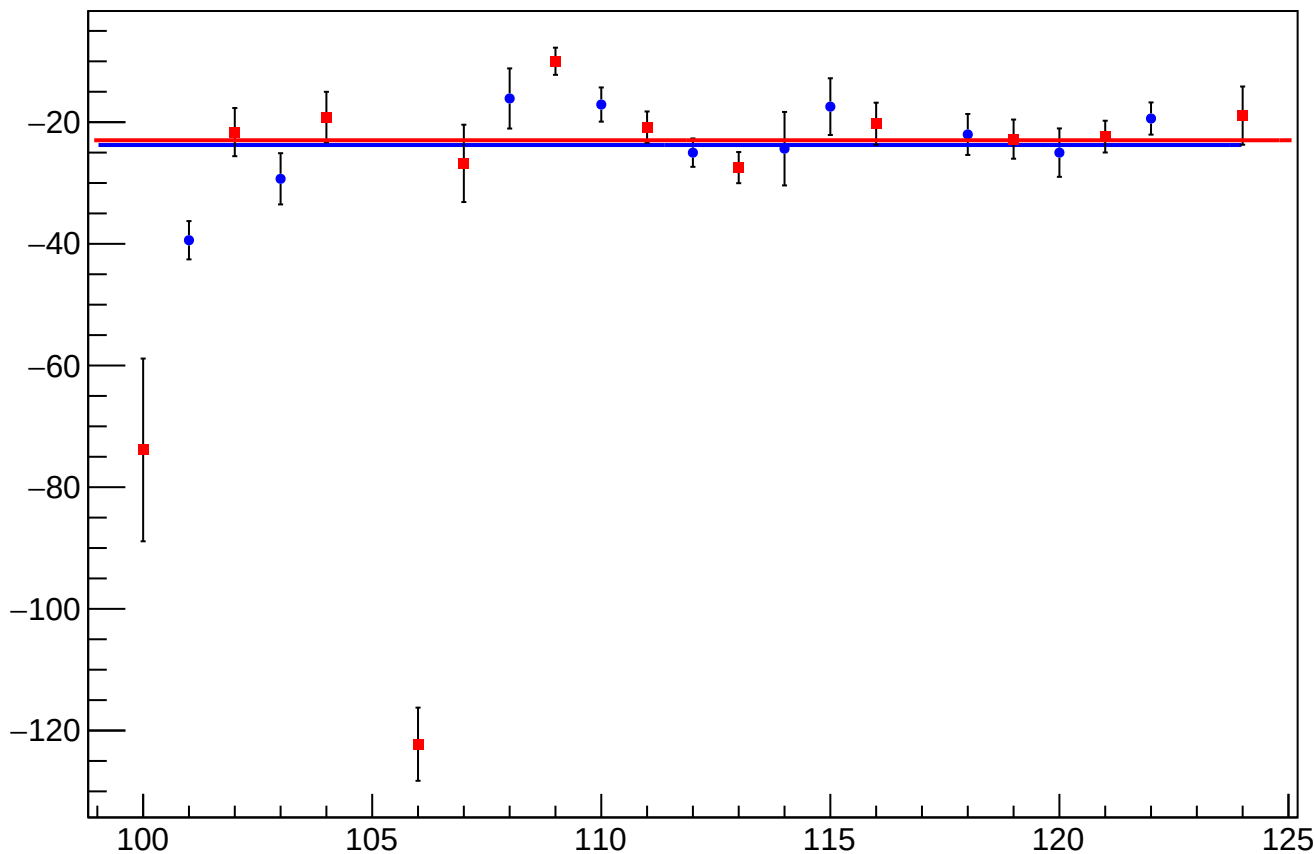
Right: -0.333+/-0.035 χ^2/NDF : 401.9/21

In: -0.238+/-0.051 χ^2/NDF : 99.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.333+/-0.035 χ^2/NDF : 401.9/21

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.756+/-1.068 χ^2/NDF : 39.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.974+/-0.974 χ^2/NDF : 324.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

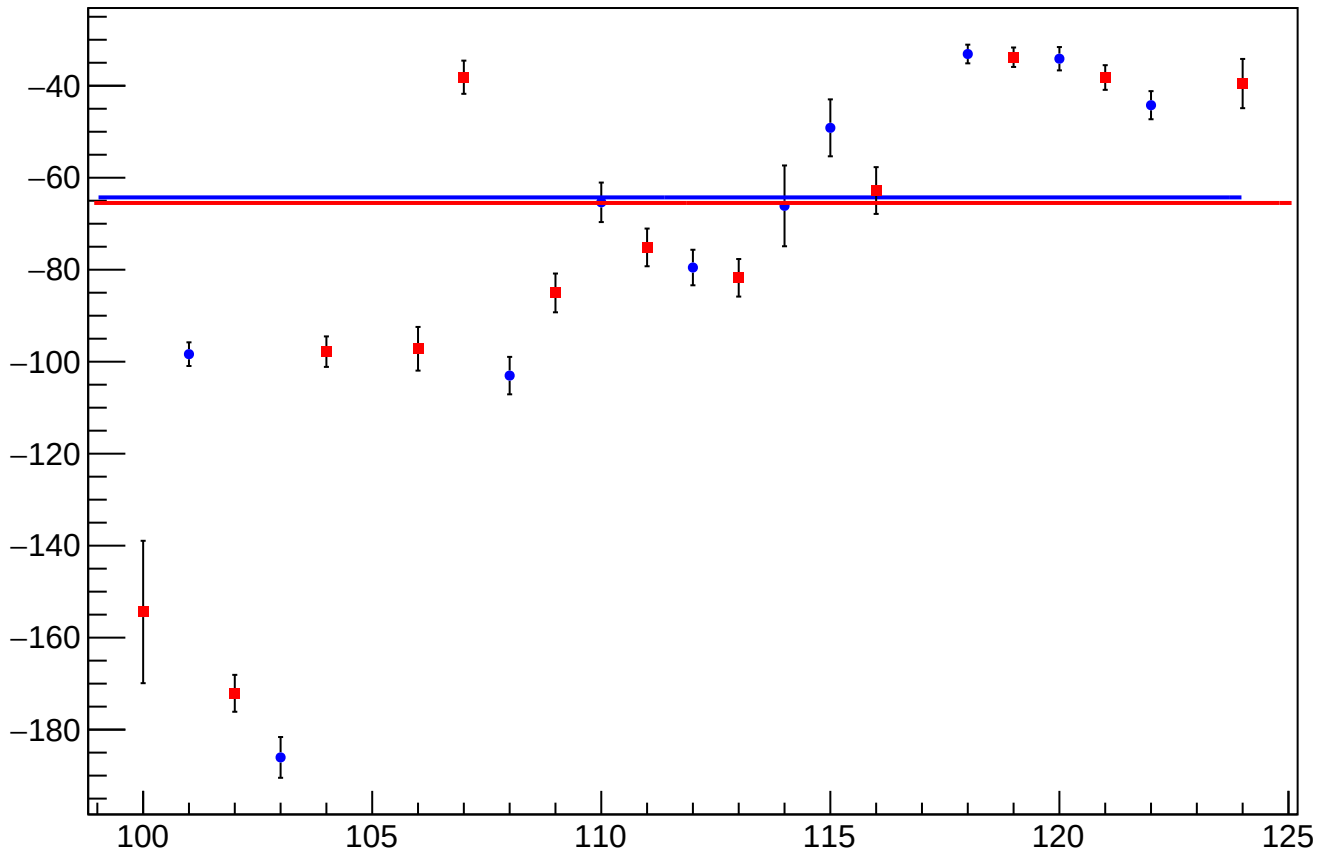
Right: -23.329+/-0.720 χ^2/NDF : 364.2/21

In: -23.756+/-1.068 χ^2/NDF : 39.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.329+/-0.720 χ^2/NDF : 364.2/21

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -64.276+/-1.038 χ^2/NDF : 1462.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -65.487+/-1.060 χ^2/NDF : 1331.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

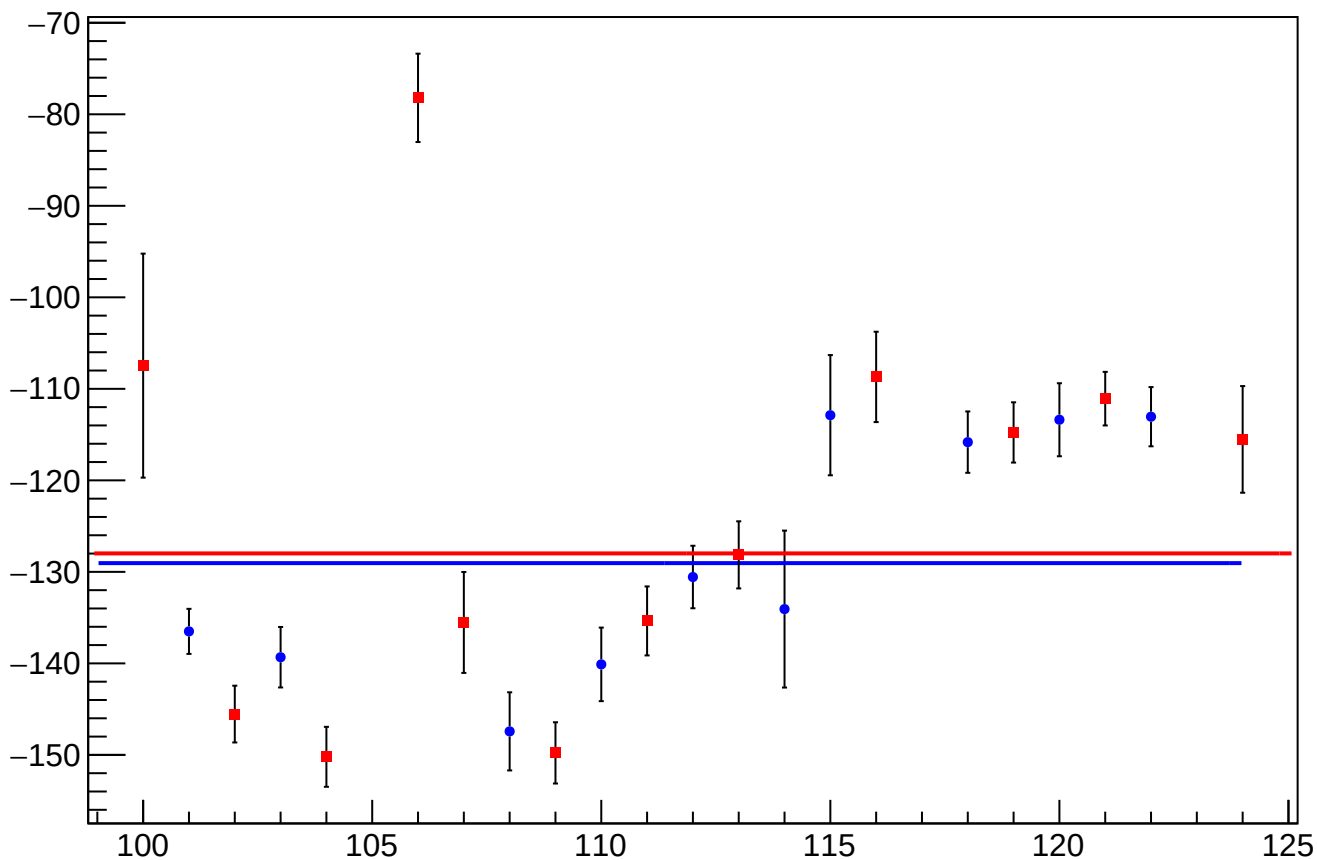
Right: -64.869+/-0.742 χ^2/NDF : 2794.3/21

In: -64.276+/-1.038 χ^2/NDF :1462.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -64.869+/-0.742 χ^2/NDF : 2794.3/21

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -129.044+/-1.160 χ^2 /NDF: 107.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -127.982+/-1.123 χ^2 /NDF: 304.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

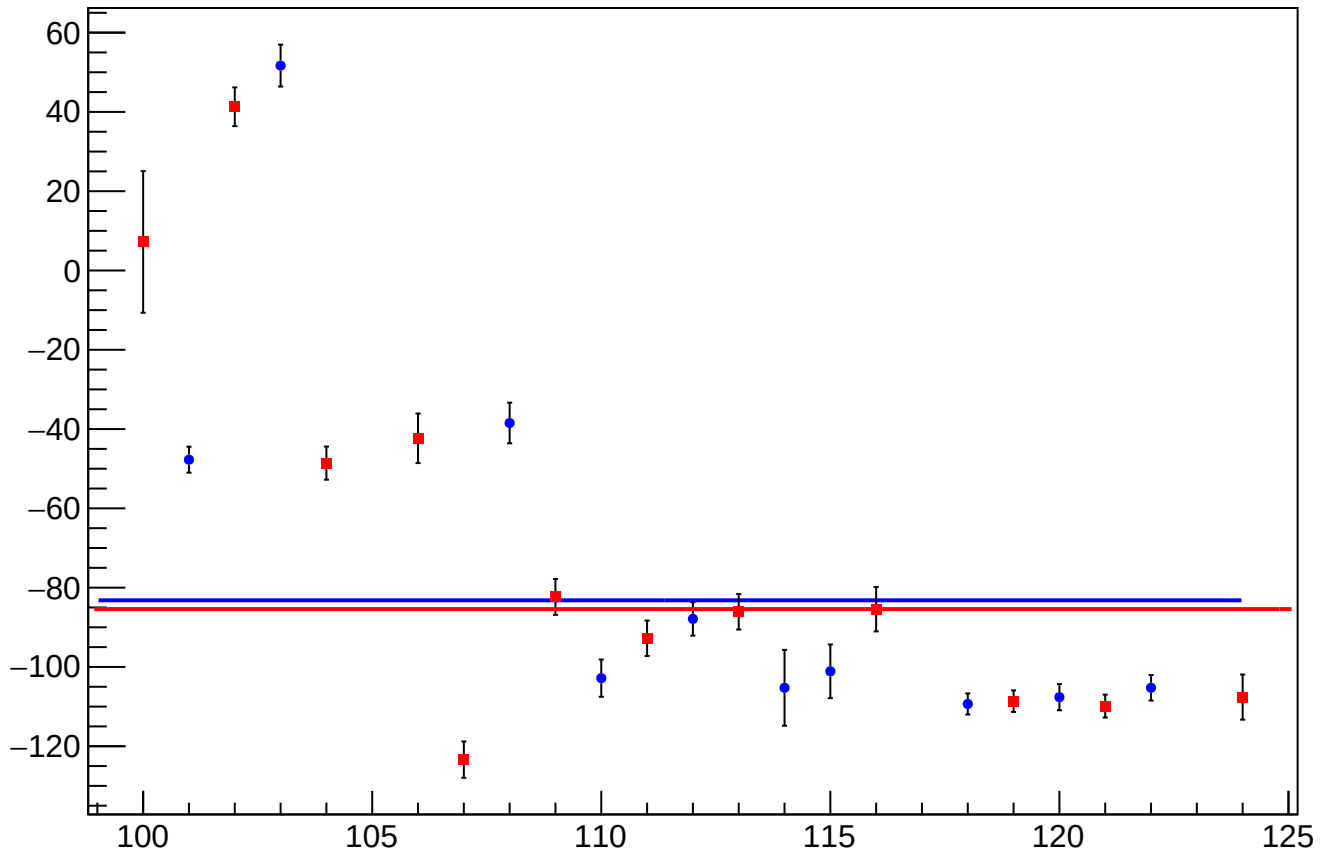
Right: -128.496+/-0.807 χ^2 /NDF: 412.1/21

In: -129.044+/-1.160 χ^2 /NDF:107.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -128.496+/-0.807 χ^2 /NDF: 412.1/21

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -83.192+/-1.260 χ^2/NDF : 1075.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.412+/-1.248 χ^2/NDF : 1055.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

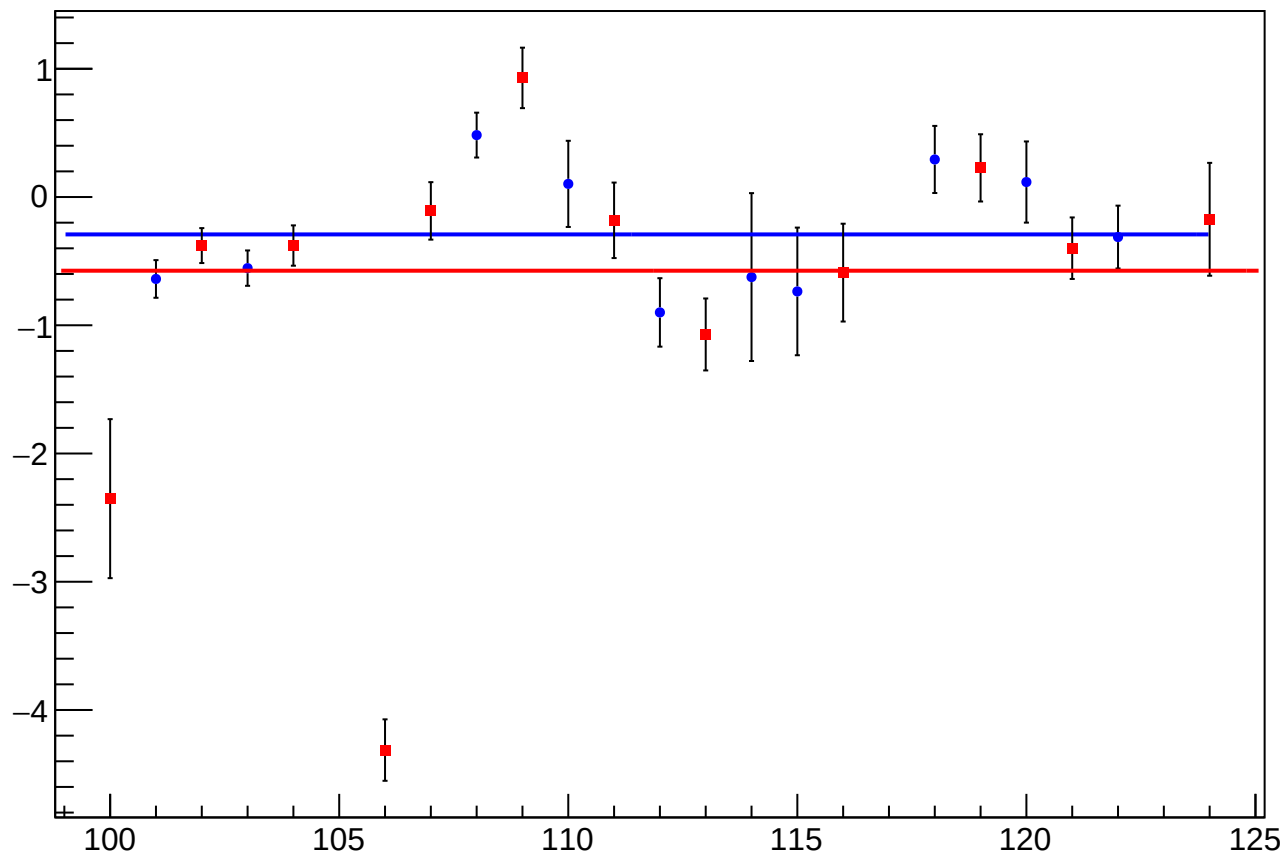
Right: -84.312+/-0.887 χ^2/NDF : 2132.2/21

In: -83.192+/-1.260 χ^2/NDF : 1075.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.312+/-0.887 χ^2/NDF : 2132.2/21

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.292 ± 0.070 $\chi^2/\text{NDF}: 43.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.575 ± 0.067 $\chi^2/\text{NDF}: 315.9/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

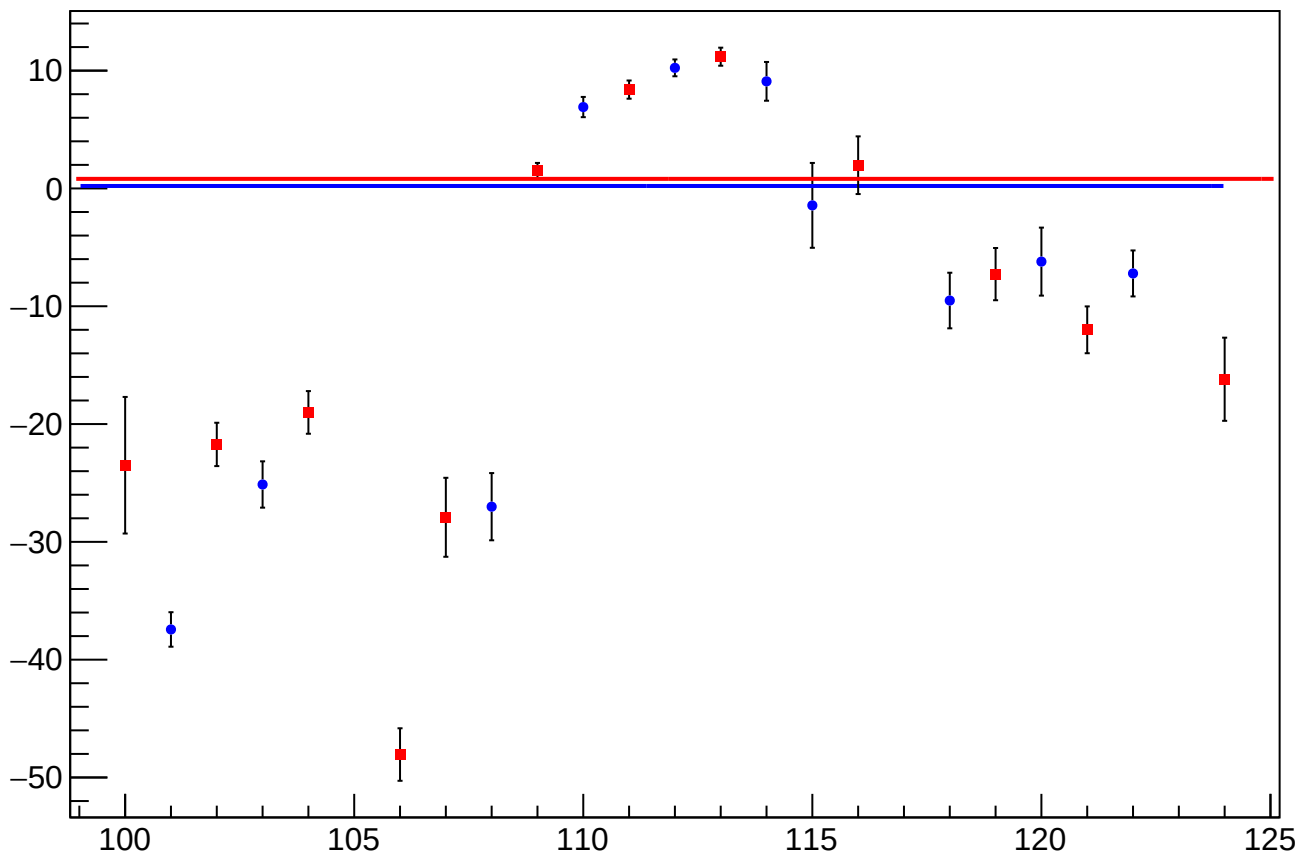
Right: -0.439 ± 0.049 $\chi^2/\text{NDF}: 367.5/21$

In: -0.292 ± 0.070 $\chi^2/\text{NDF}: 43.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.439 ± 0.049 $\chi^2/\text{NDF}: 367.5/21$

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.209+/-0.440 χ^2/NDF : 1241.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.814+/-0.372 χ^2/NDF : 1200.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

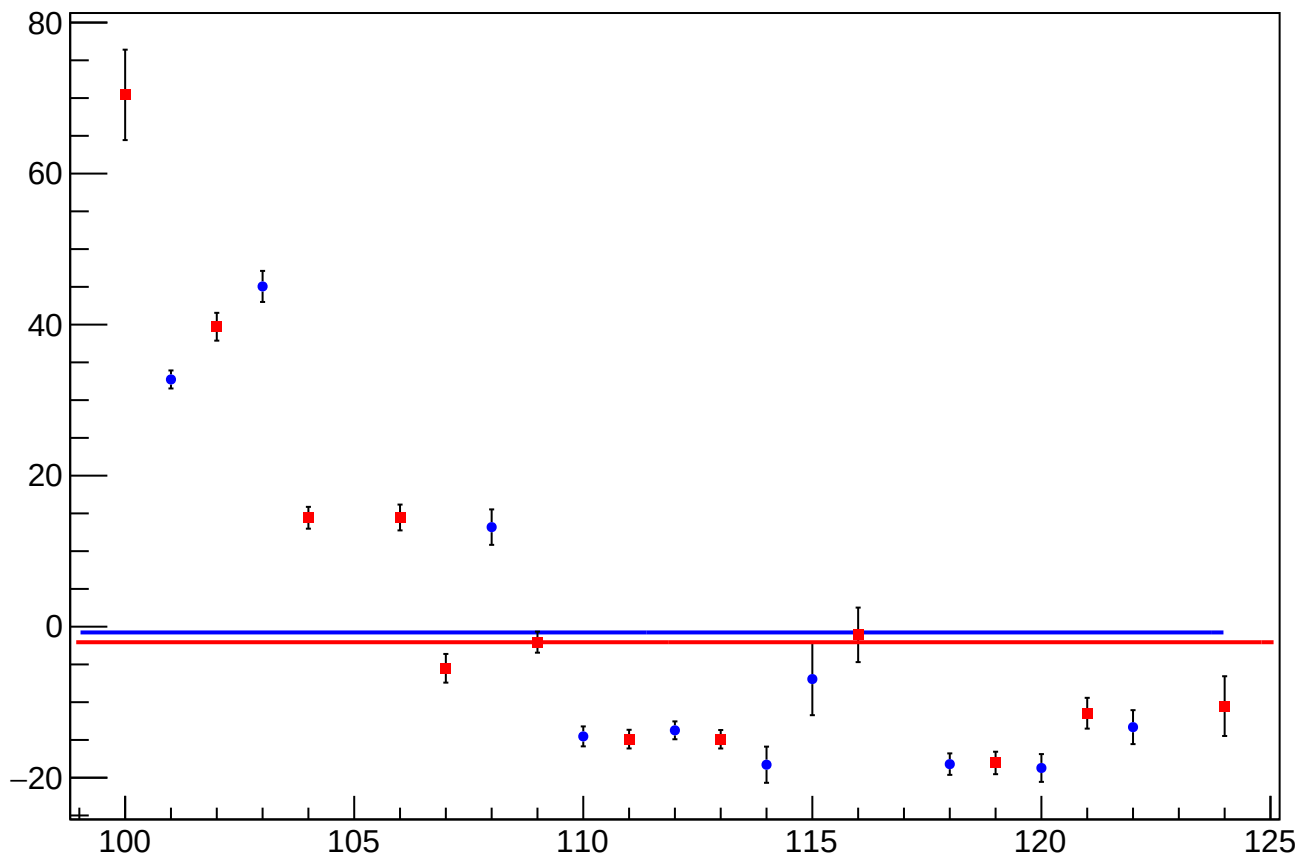
Right: 0.561+/-0.284 χ^2/NDF : 2443.0/21

In: 0.209+/-0.440 χ^2/NDF : 1241.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.561+/-0.284 χ^2/NDF : 2443.0/21

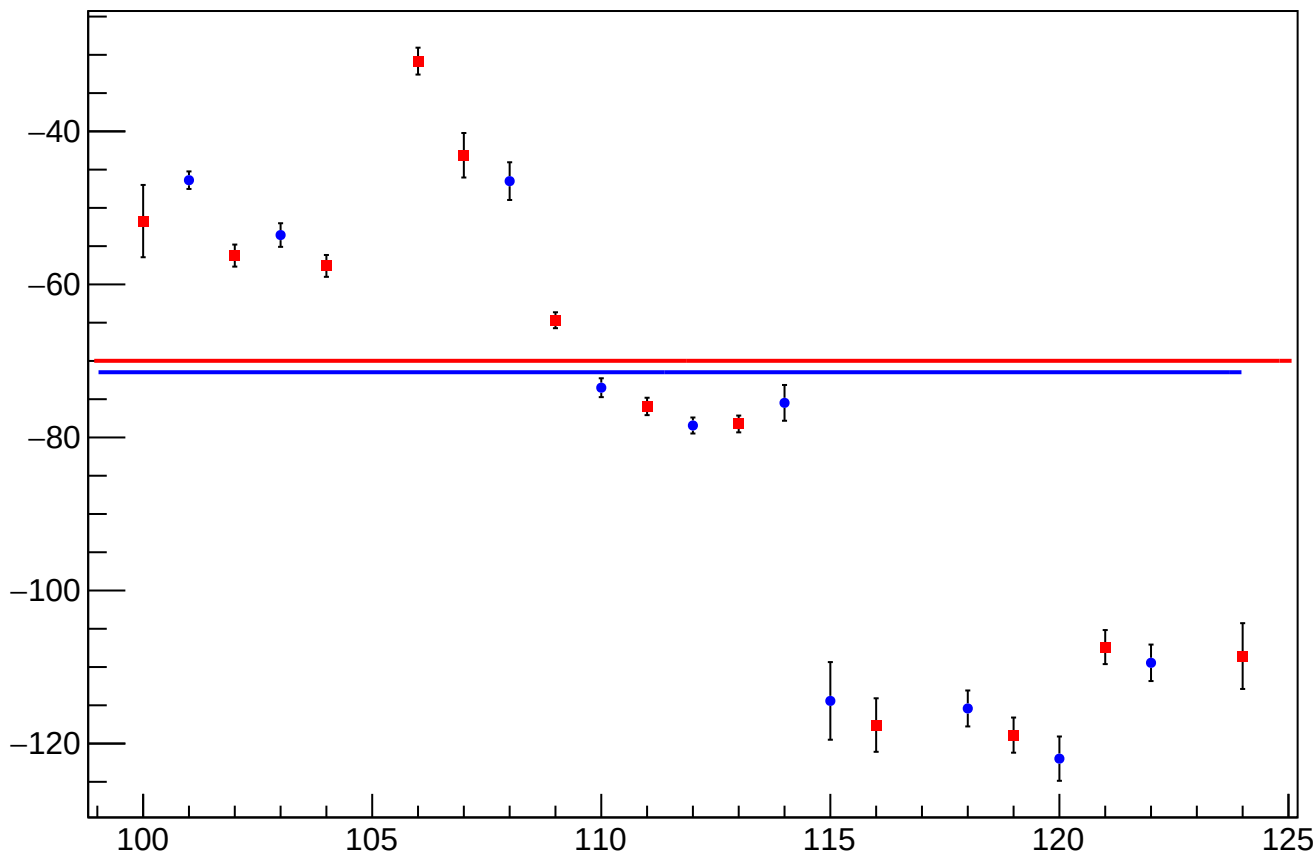
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.763 ± 0.526 χ^2/NDF : 1879.8/9
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -2.060 ± 0.494 χ^2/NDF : 1247.8/11
 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 ± 0.360 χ^2/NDF : 3130.8/21
 In: -0.763 ± 0.526 χ^2/NDF : 1879.8/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -1.452 ± 0.360 χ^2/NDF : 3130.8/21

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -71.476+/-0.526 χ^2/NDF : 1746.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -69.983+/-0.471 χ^2/NDF : 1875.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

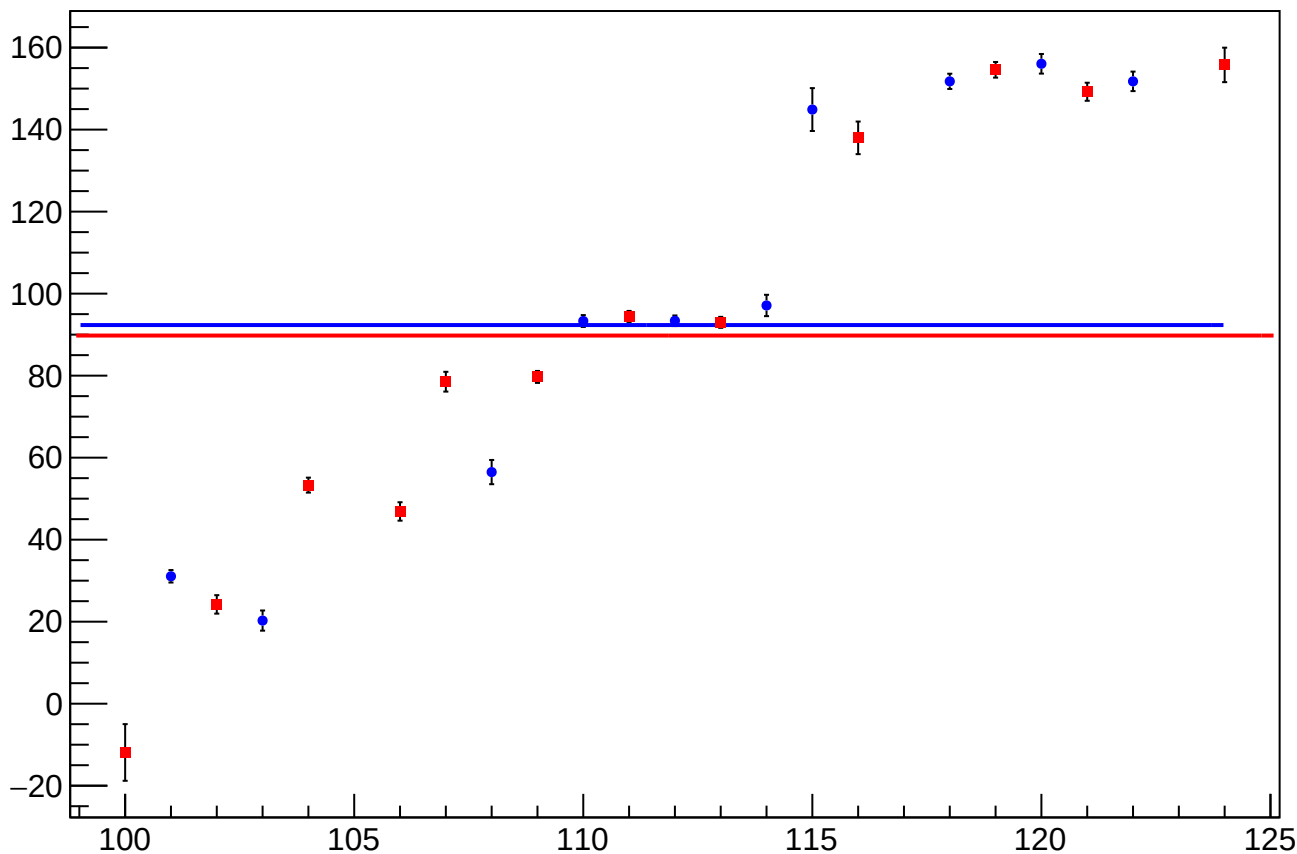
Right: -70.647+/-0.351 χ^2/NDF : 3626.8/21

In: -71.476+/-0.526 χ^2/NDF :1746.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -70.647+/-0.351 χ^2/NDF : 3626.8/21

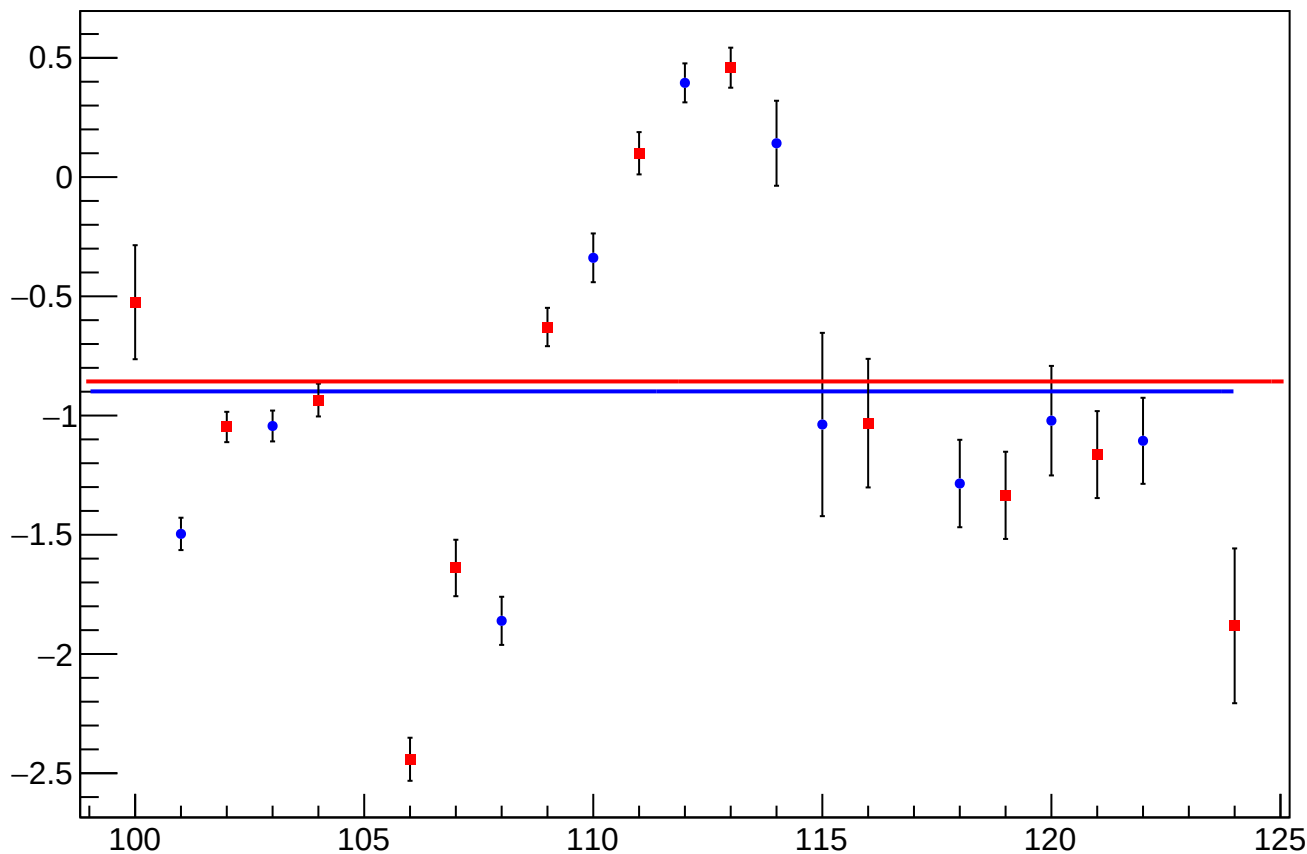
reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 92.337+/-0.619 χ^2/NDF : 5088.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 89.777+/-0.571 χ^2/NDF : 4192.6/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 90.954+/-0.419 χ^2/NDF : 9290.1/21
 In: 92.337+/-0.619 χ^2/NDF : 5088.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 90.954+/-0.419 χ^2/NDF : 9290.1/21

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.899+/-0.033 χ^2/NDF : 494.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.857+/-0.029 χ^2/NDF : 754.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

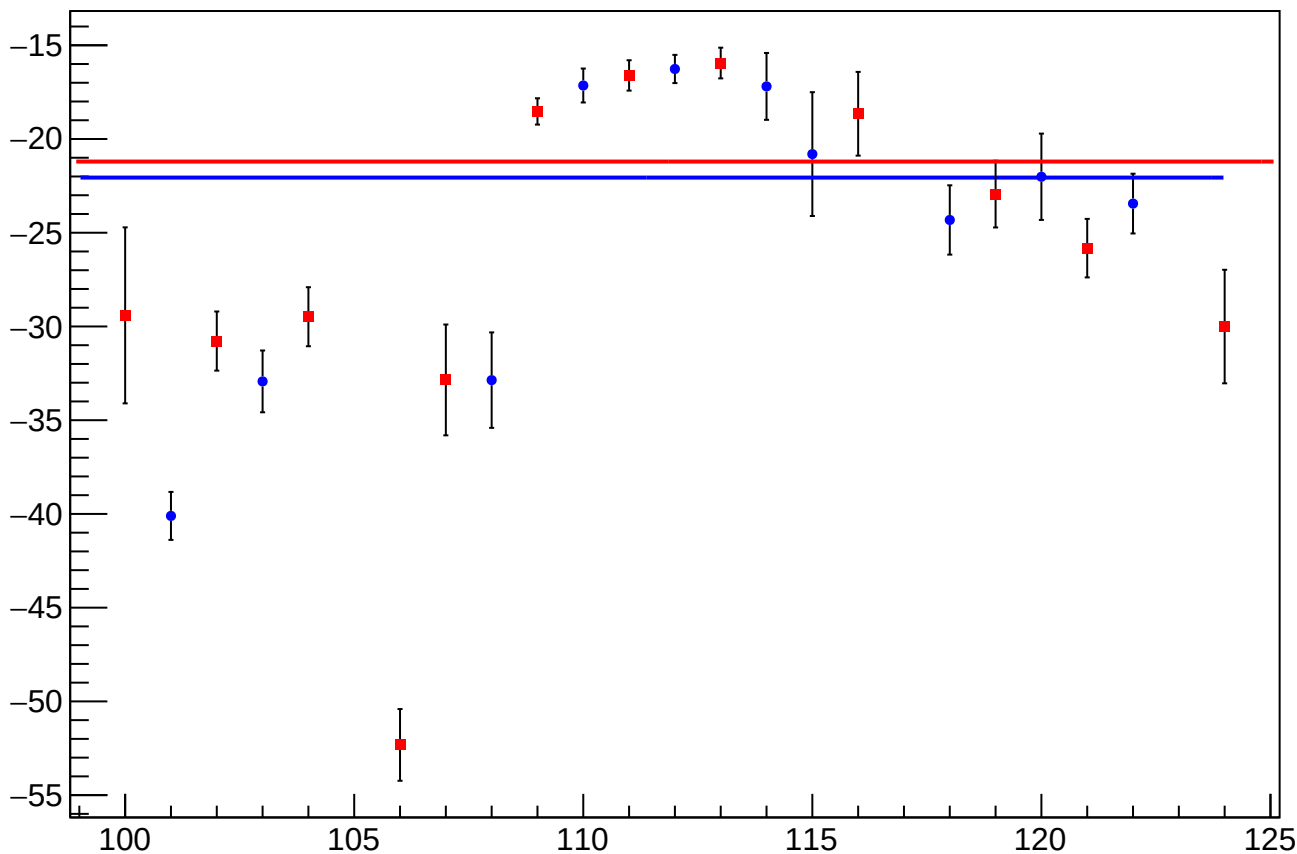
Right: -0.875+/-0.022 χ^2/NDF : 1249.3/21

In: -0.899+/-0.033 χ^2/NDF :494.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.875+/-0.022 χ^2/NDF : 1249.3/21

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.058 ± 0.430 χ^2/NDF : 358.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.204 ± 0.370 χ^2/NDF : 454.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

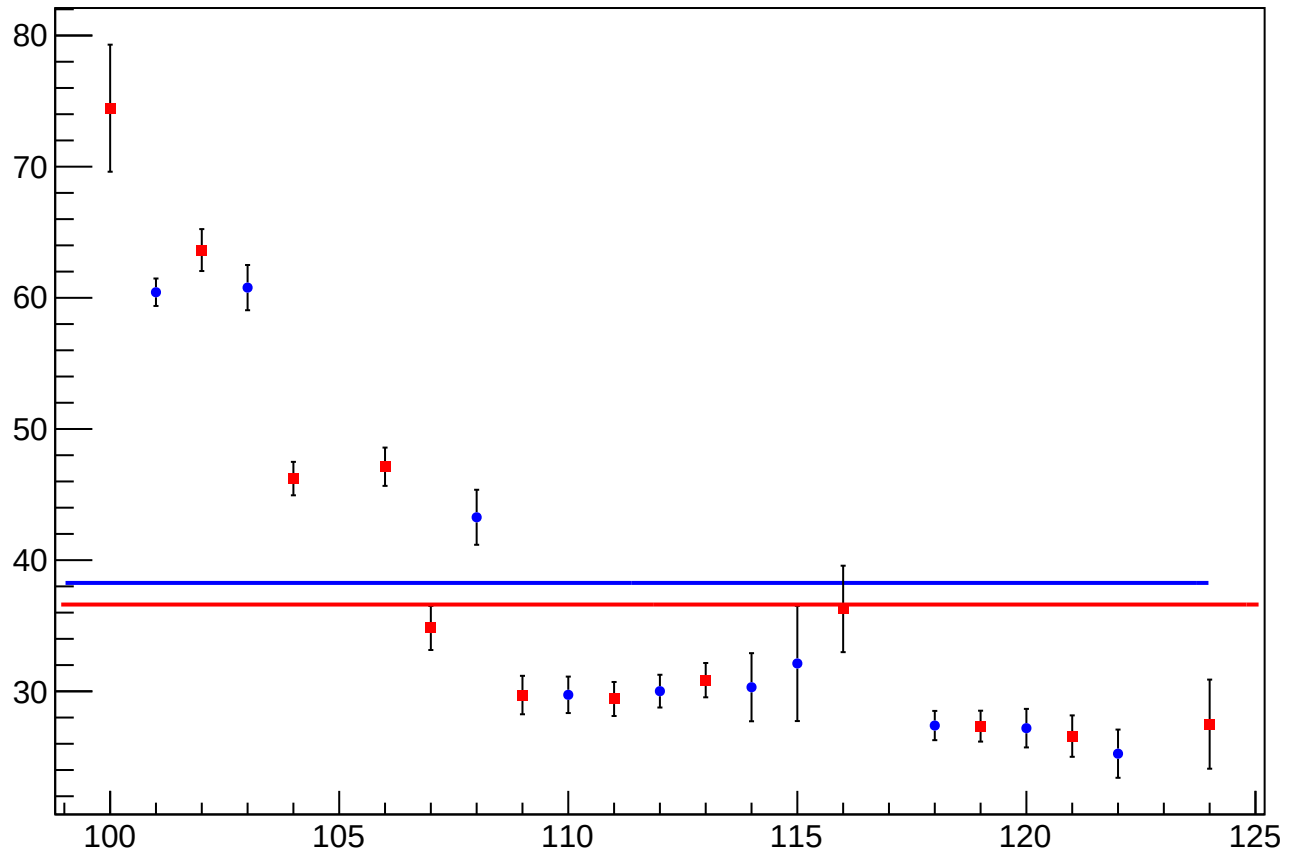
Right: -21.566 ± 0.280 χ^2/NDF : 815.9/21

In: -22.058 ± 0.430 χ^2/NDF : 358.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.566 ± 0.280 χ^2/NDF : 815.9/21

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 38.264+/-0.477 χ^2/NDF : 919.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.616+/-0.456 χ^2/NDF : 638.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

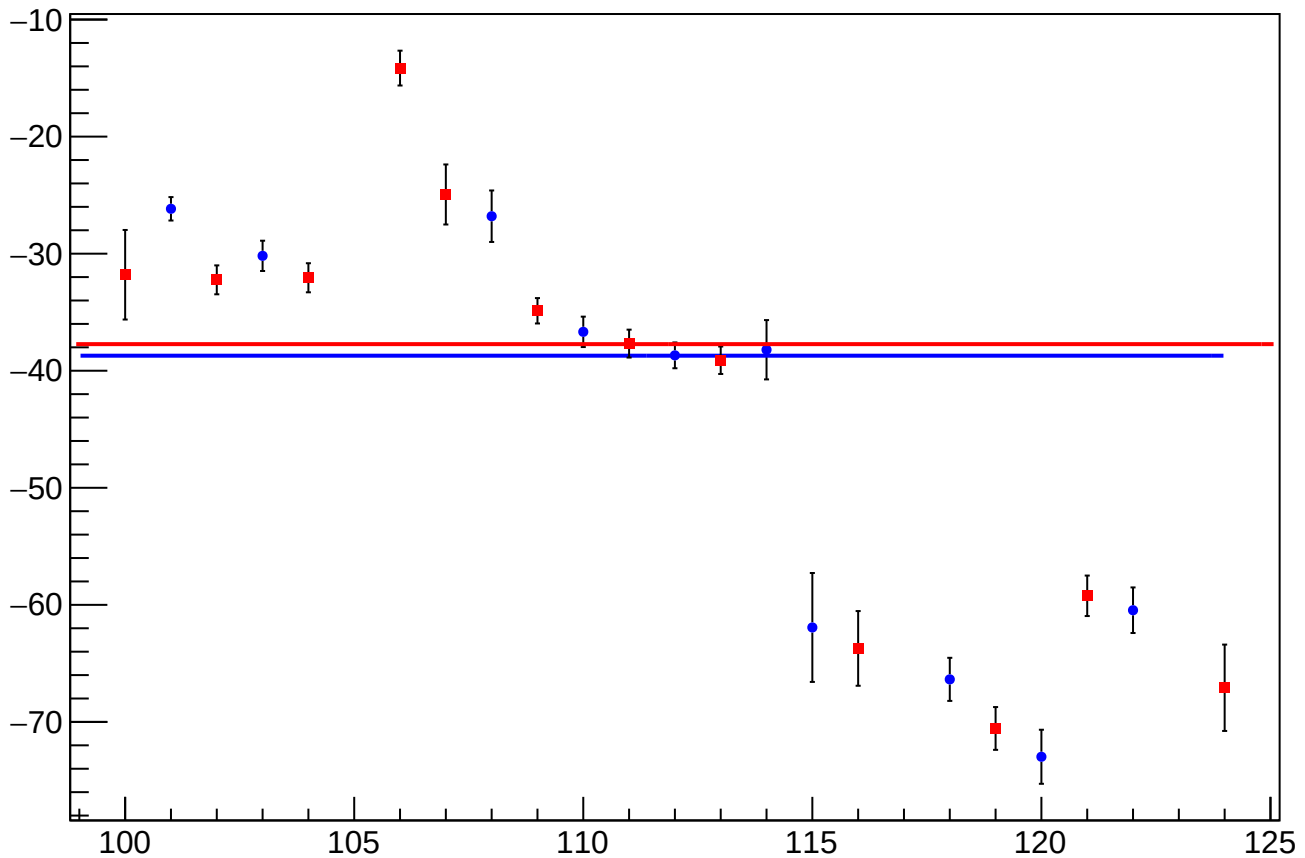
Right: 37.403+/-0.329 χ^2/NDF : 1564.0/21

In: 38.264+/-0.477 χ^2/NDF : 919.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.403+/-0.329 χ^2/NDF : 1564.0/21

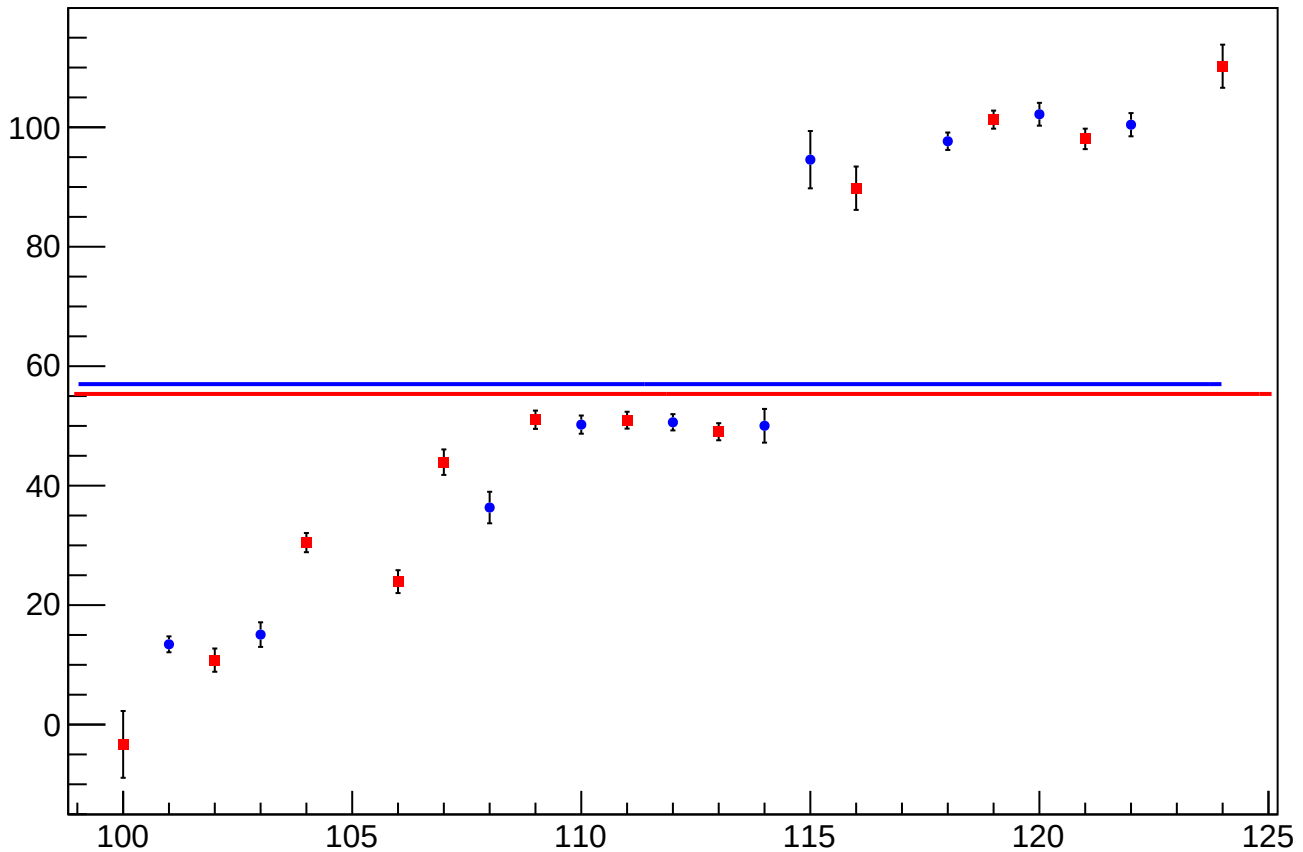
reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.715 $\pm$ 0.490 χ^2 /NDF: 828.0/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -37.727 $\pm$ 0.444 χ^2 /NDF: 934.2/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -38.173 $\pm$ 0.329 χ^2 /NDF: 1764.4/21
 In: -38.715 $\pm$ 0.490 χ^2 /NDF:828.0/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -38.173 $\pm$ 0.329 χ^2 /NDF: 1764.4/21

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 56.997+/-0.569 χ^2/NDF : 3490.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.354+/-0.533 χ^2/NDF : 3074.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

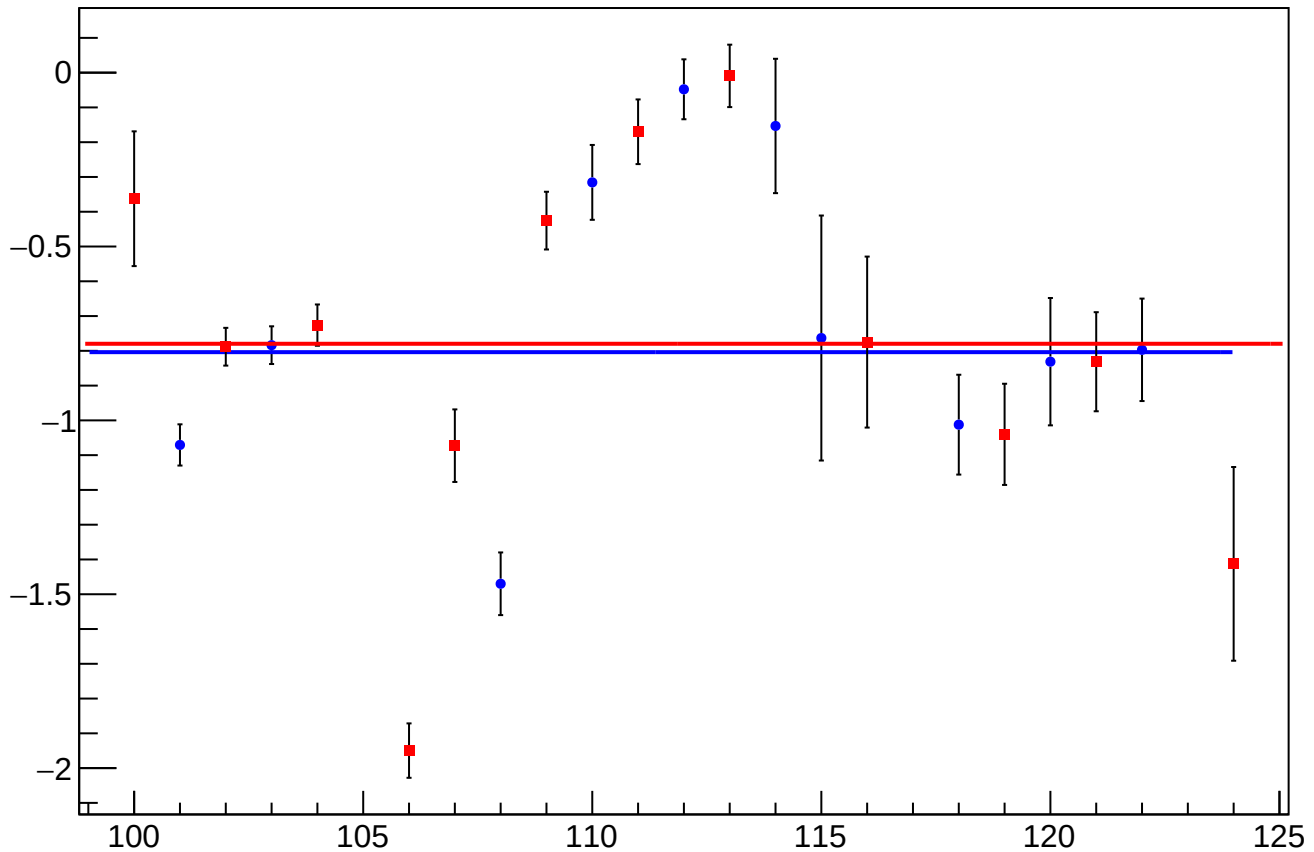
Right: 56.122+/-0.389 χ^2/NDF : 6569.2/21

In: 56.997+/-0.569 χ^2/NDF : 3490.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.122+/-0.389 χ^2/NDF : 6569.2/21

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.804 ± 0.030 χ^2/NDF : 186.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.780 ± 0.027 χ^2/NDF : 380.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

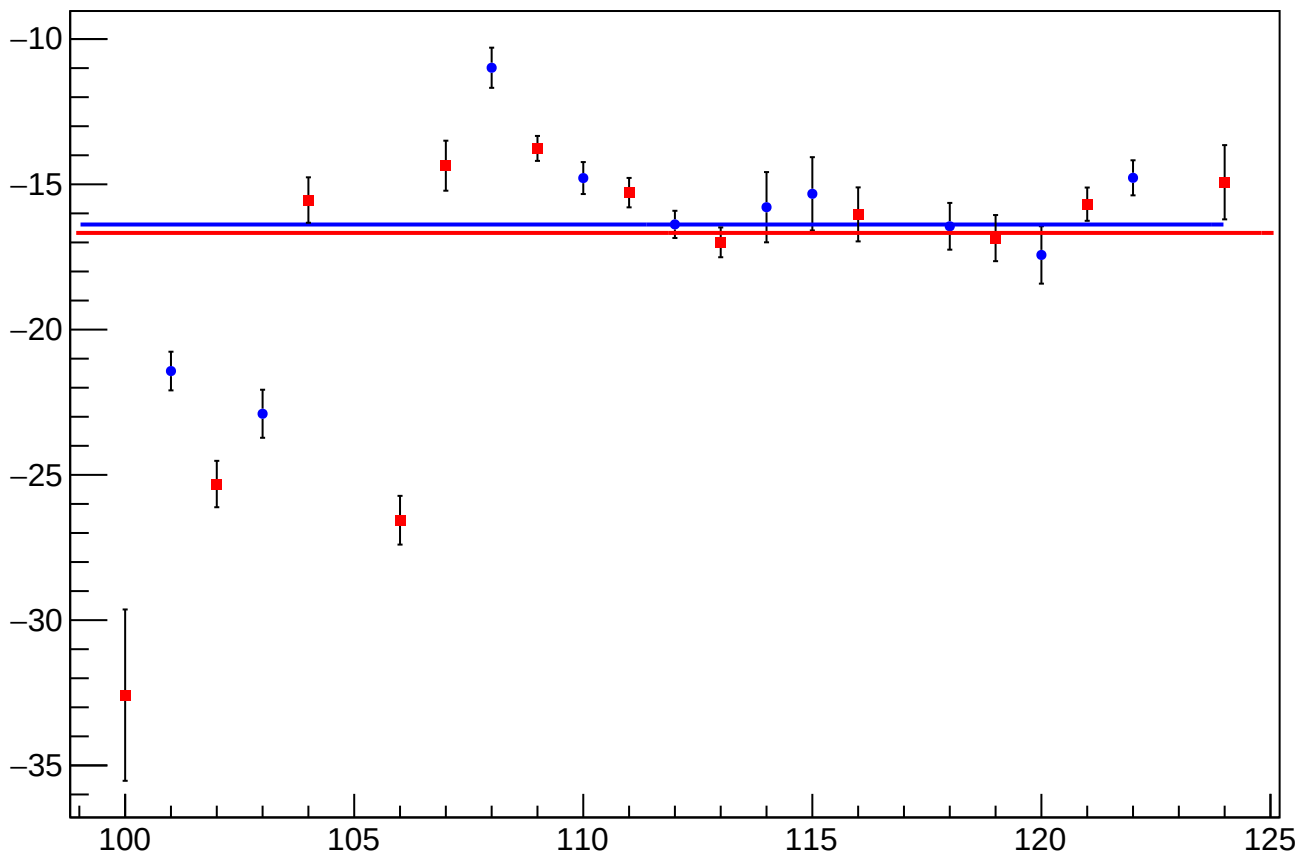
Right: -0.790 ± 0.020 χ^2/NDF : 566.8/21

In: -0.804 ± 0.030 χ^2/NDF : 186.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.790 ± 0.020 χ^2/NDF : 566.8/21

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.383+/-0.222 χ^2/NDF : 198.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.672+/-0.198 χ^2/NDF : 353.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

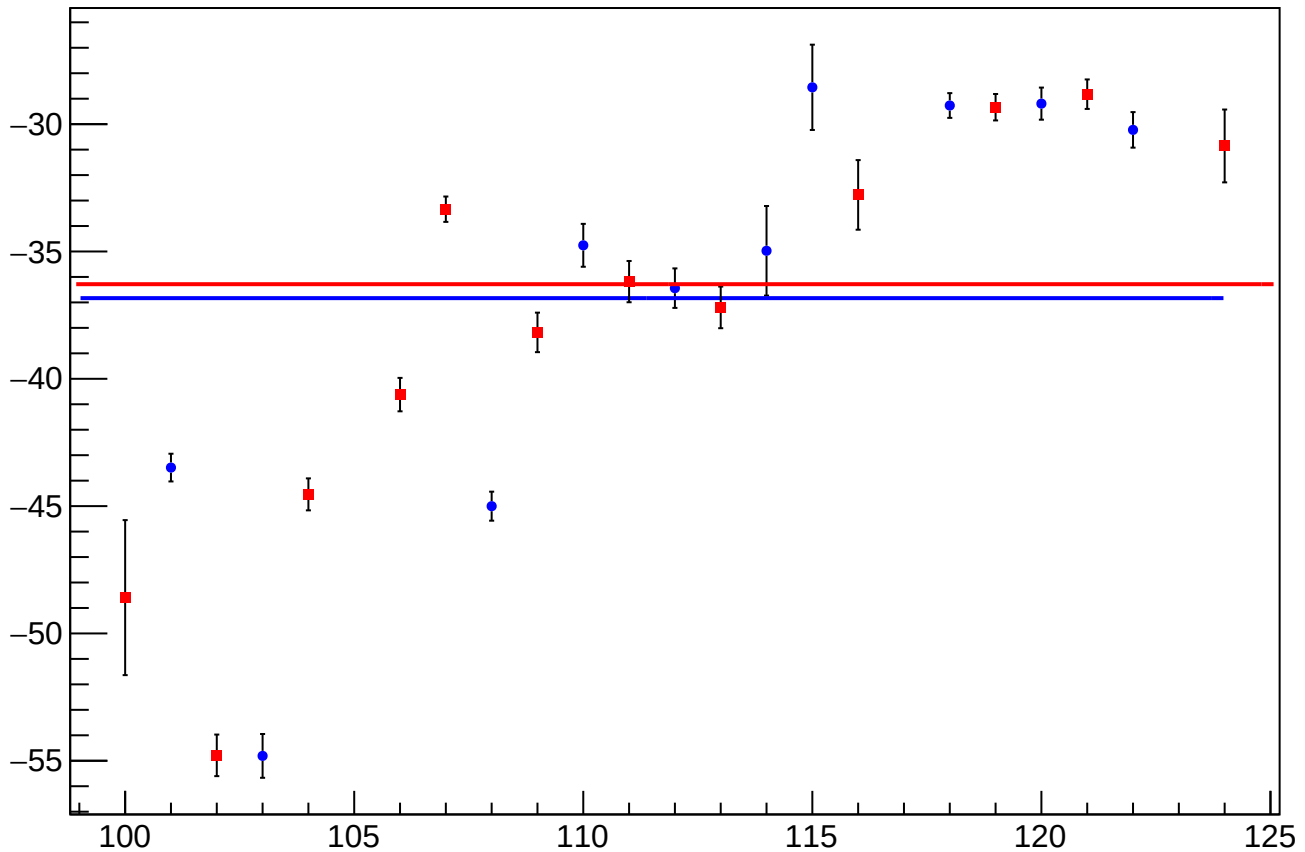
Right: -16.544+/-0.148 χ^2/NDF : 552.7/21

In: -16.383+/-0.222 χ^2/NDF : 198.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.544+/-0.148 χ^2/NDF : 552.7/21

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -36.832+/-0.222 χ^2/NDF : 1302.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -36.284+/-0.209 χ^2/NDF : 1155.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

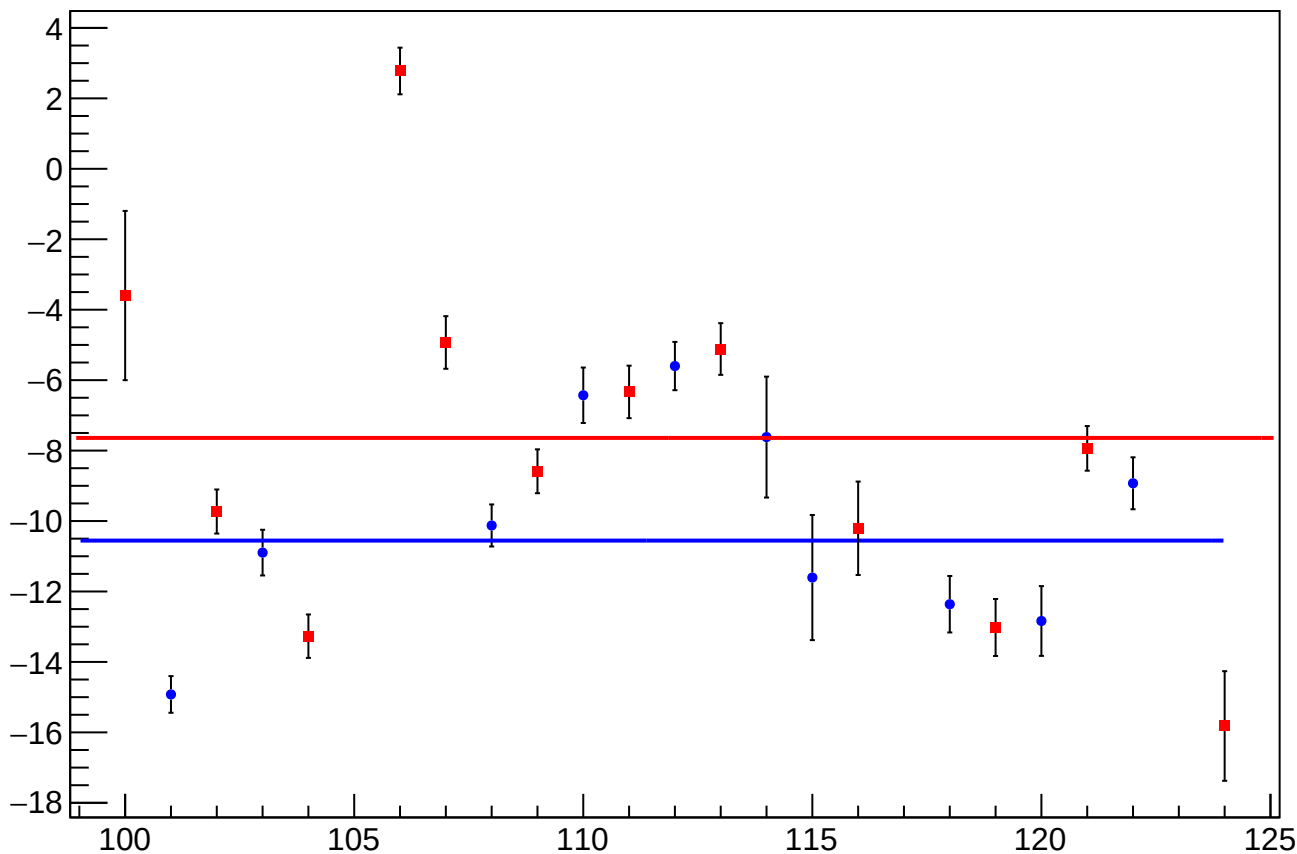
Right: -36.542+/-0.152 χ^2/NDF : 2460.7/21

In: -36.832+/-0.222 χ^2/NDF :1302.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -36.542+/-0.152 χ^2/NDF : 2460.7/21

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.555 $\pm$ 0.238 χ^2 /NDF: 169.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.640 $\pm$ 0.220 χ^2 /NDF: 451.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

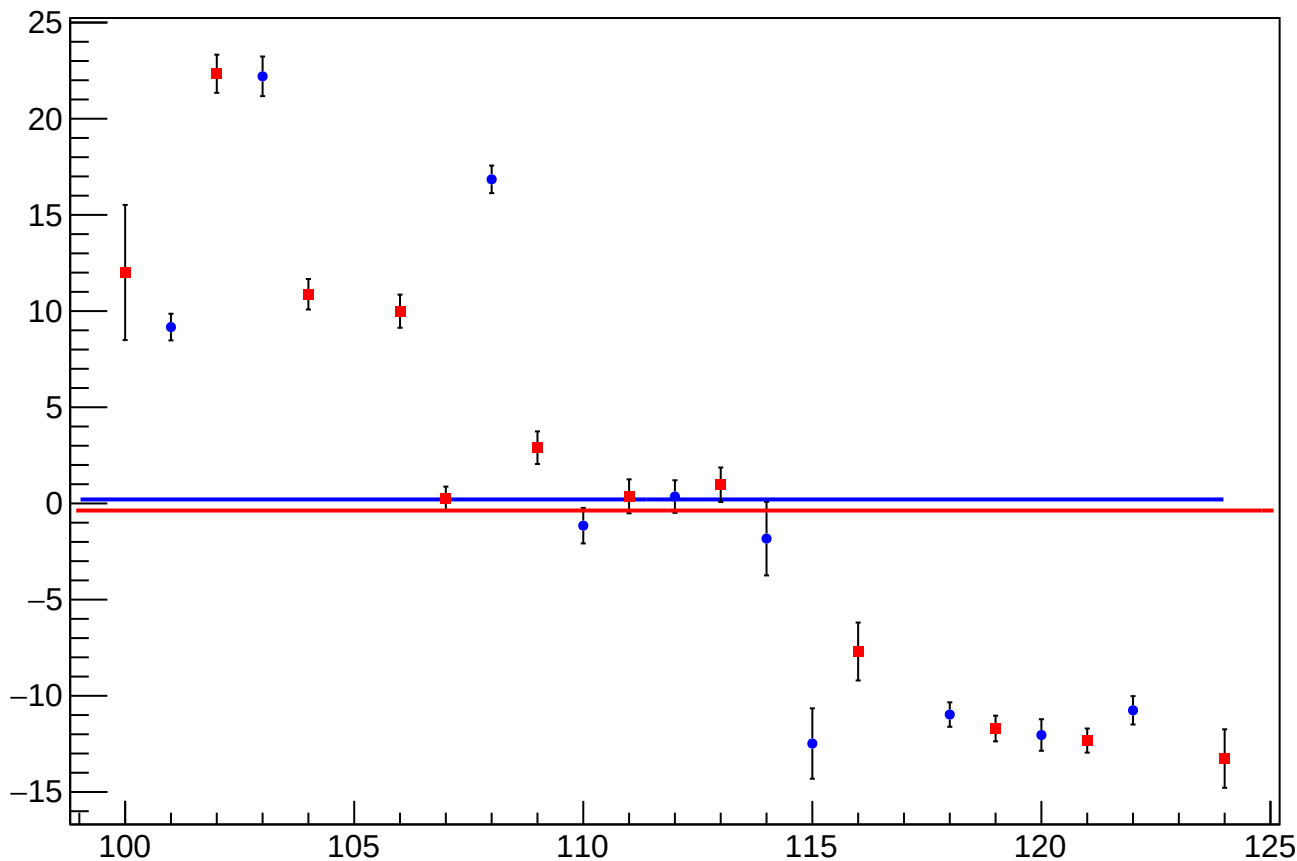
Right: -8.984 $\pm$ 0.161 χ^2 /NDF: 701.6/21

In: -10.555 $\pm$ 0.238 χ^2 /NDF:169.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.984 $\pm$ 0.161 χ^2 /NDF: 701.6/21

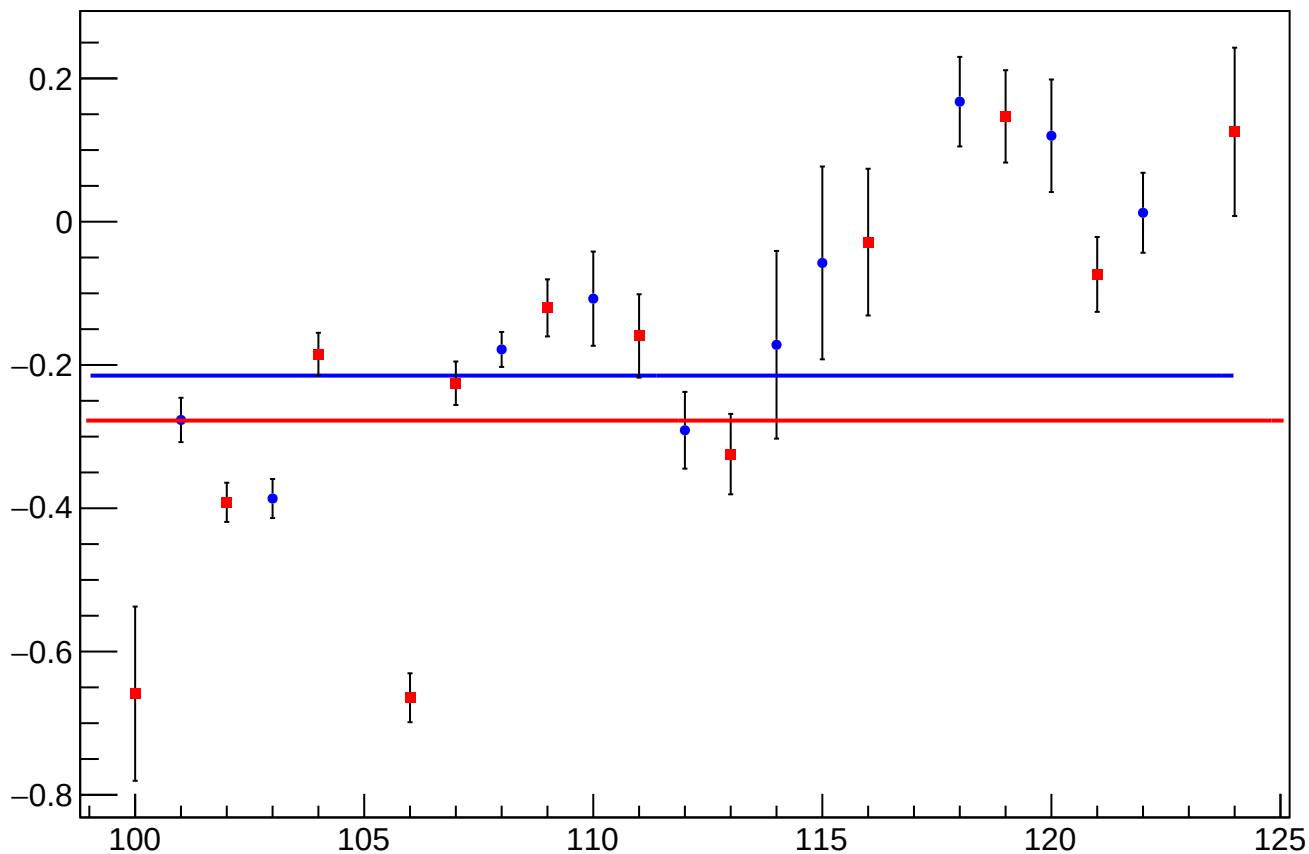
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.208+/-0.268 χ^2/NDF : 1967.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.368+/-0.249 χ^2/NDF : 1648.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.101+/-0.182 χ^2/NDF : 3617.6/21
 In: 0.208+/-0.268 χ^2/NDF : 1967.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.101+/-0.182 χ^2/NDF : 3617.6/21

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.215 ± 0.013 χ^2/NDF : 124.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.278 ± 0.012 χ^2/NDF : 265.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

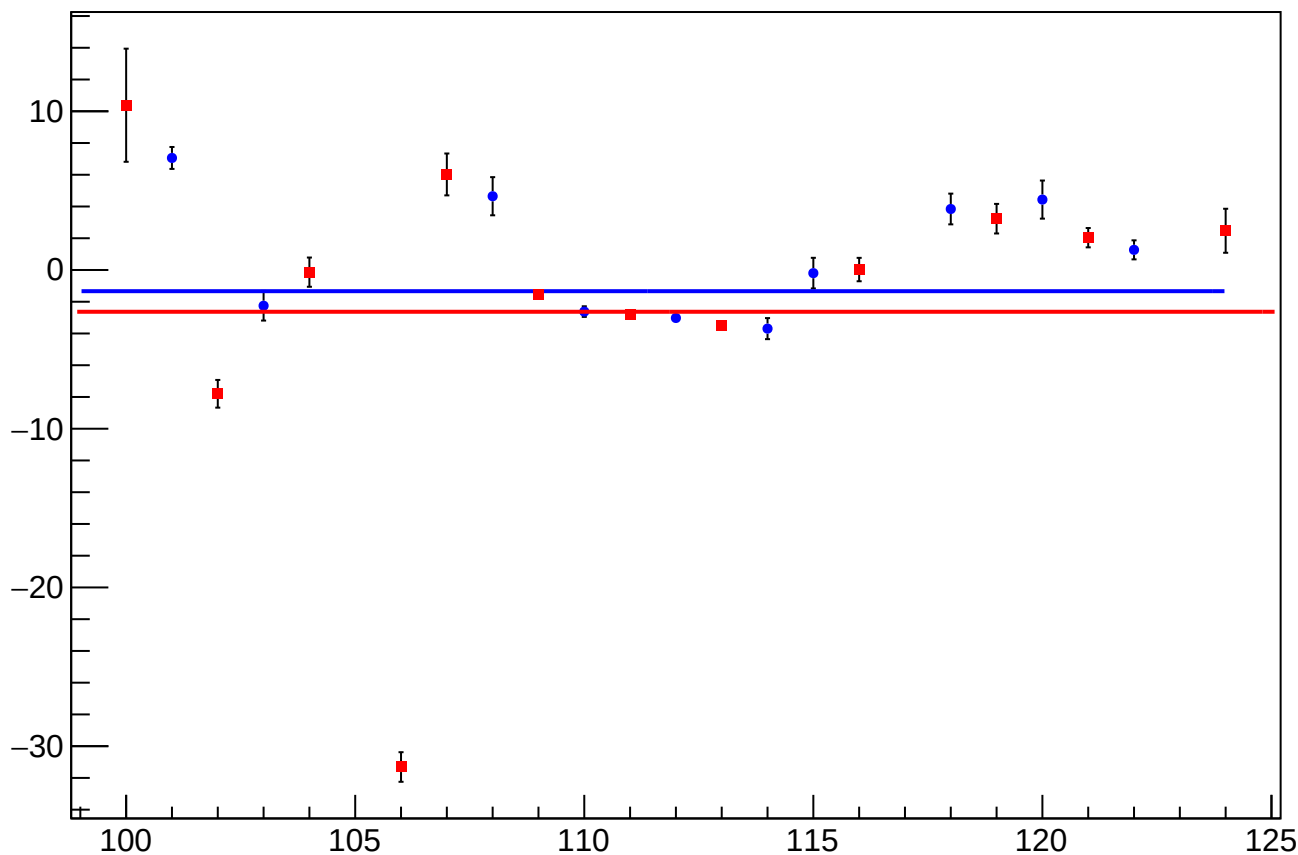
Right: -0.249 ± 0.009 χ^2/NDF : 401.2/21

In: -0.215 ± 0.013 χ^2/NDF : 124.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.249 ± 0.009 χ^2/NDF : 401.2/21

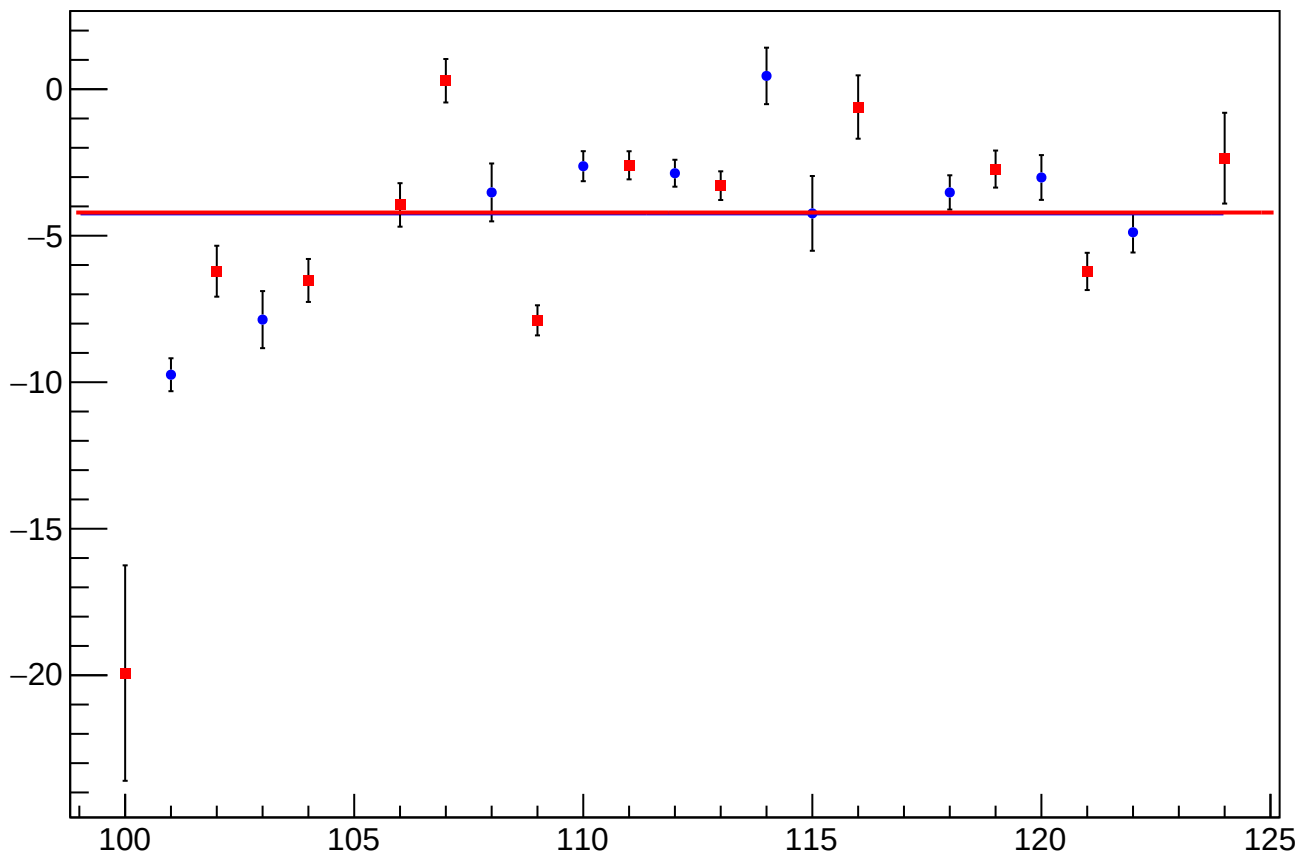
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.335 ± 0.172 χ^2/NDF : 309.5/9
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -2.632 ± 0.148 χ^2/NDF : 1194.6/11
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -2.083 ± 0.112 χ^2/NDF : 1536.8/21
 In: -1.335 ± 0.172 χ^2/NDF : 309.5/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -2.083 ± 0.112 χ^2/NDF : 1536.8/21

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.238 $\pm$ 0.212 χ^2 /NDF: 157.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.209 $\pm$ 0.198 χ^2 /NDF: 164.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

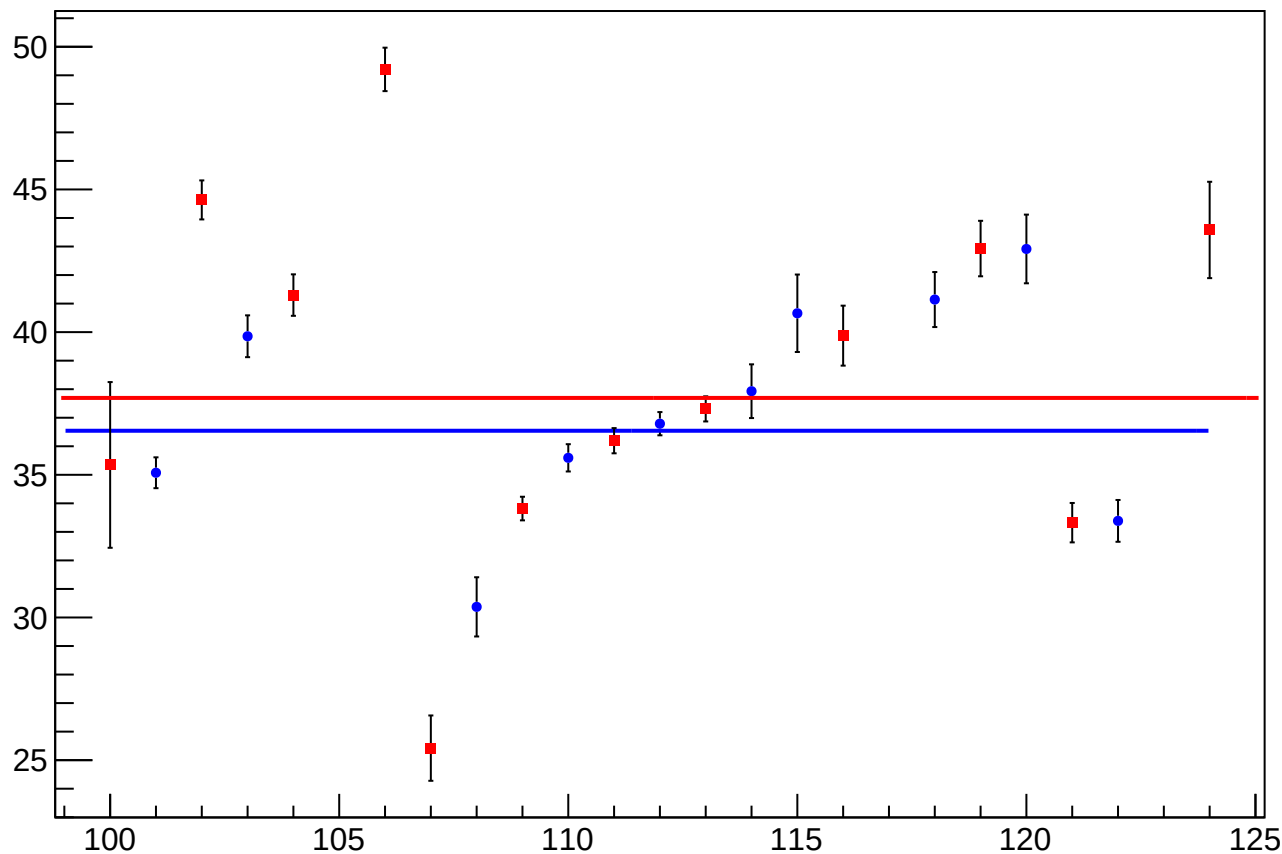
Right: -4.223 $\pm$ 0.145 χ^2 /NDF: 322.4/21

In: -4.238 $\pm$ 0.212 χ^2 /NDF:157.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.223 $\pm$ 0.145 χ^2 /NDF: 322.4/21

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.544+/-0.214 χ^2/NDF : 148.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.694+/-0.192 χ^2/NDF : 657.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

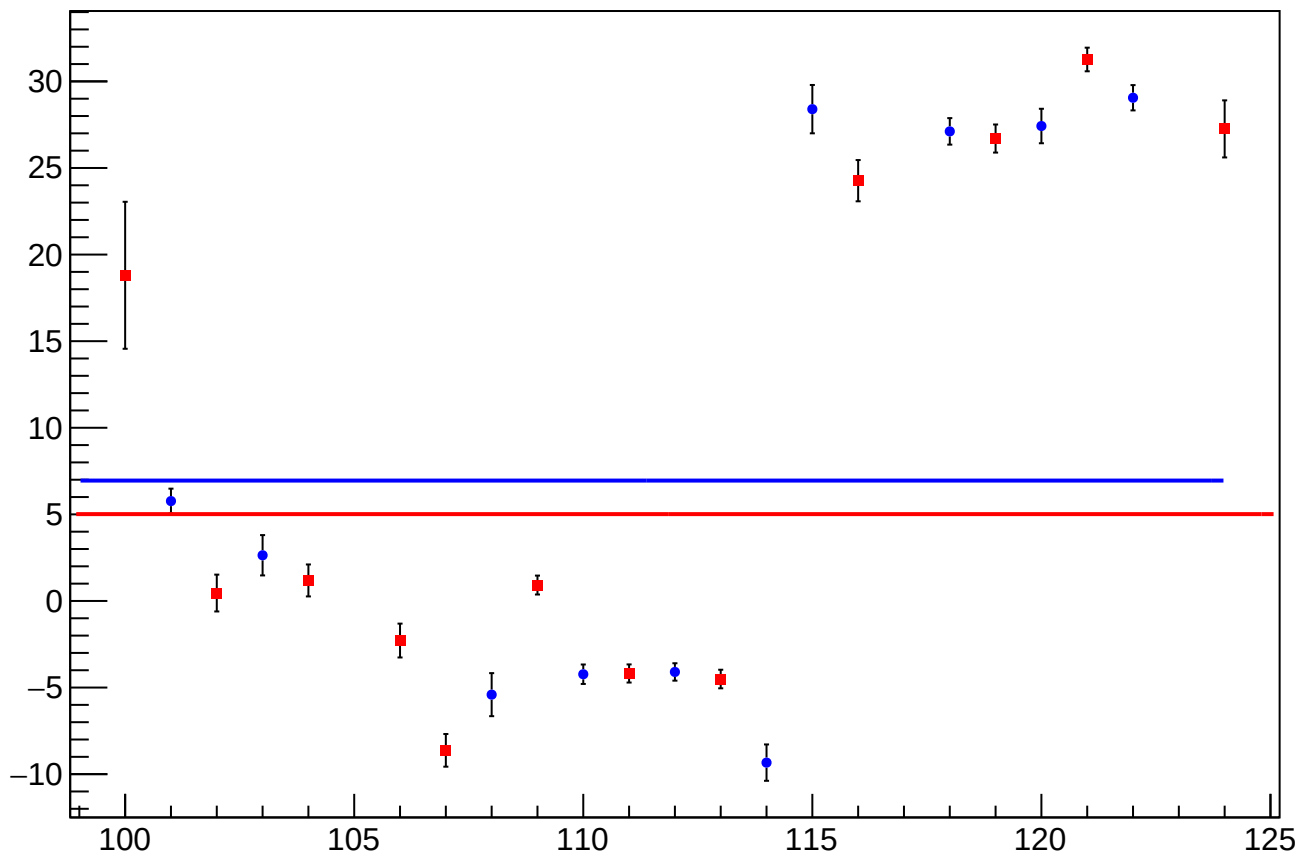
Right: 37.181+/-0.143 χ^2/NDF : 821.9/21

In: 36.544+/-0.214 χ^2/NDF : 148.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.181+/-0.143 χ^2/NDF : 821.9/21

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.951 $\pm$ 0.246 χ^2 /NDF: 3504.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.014 $\pm$ 0.226 χ^2 /NDF: 3631.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

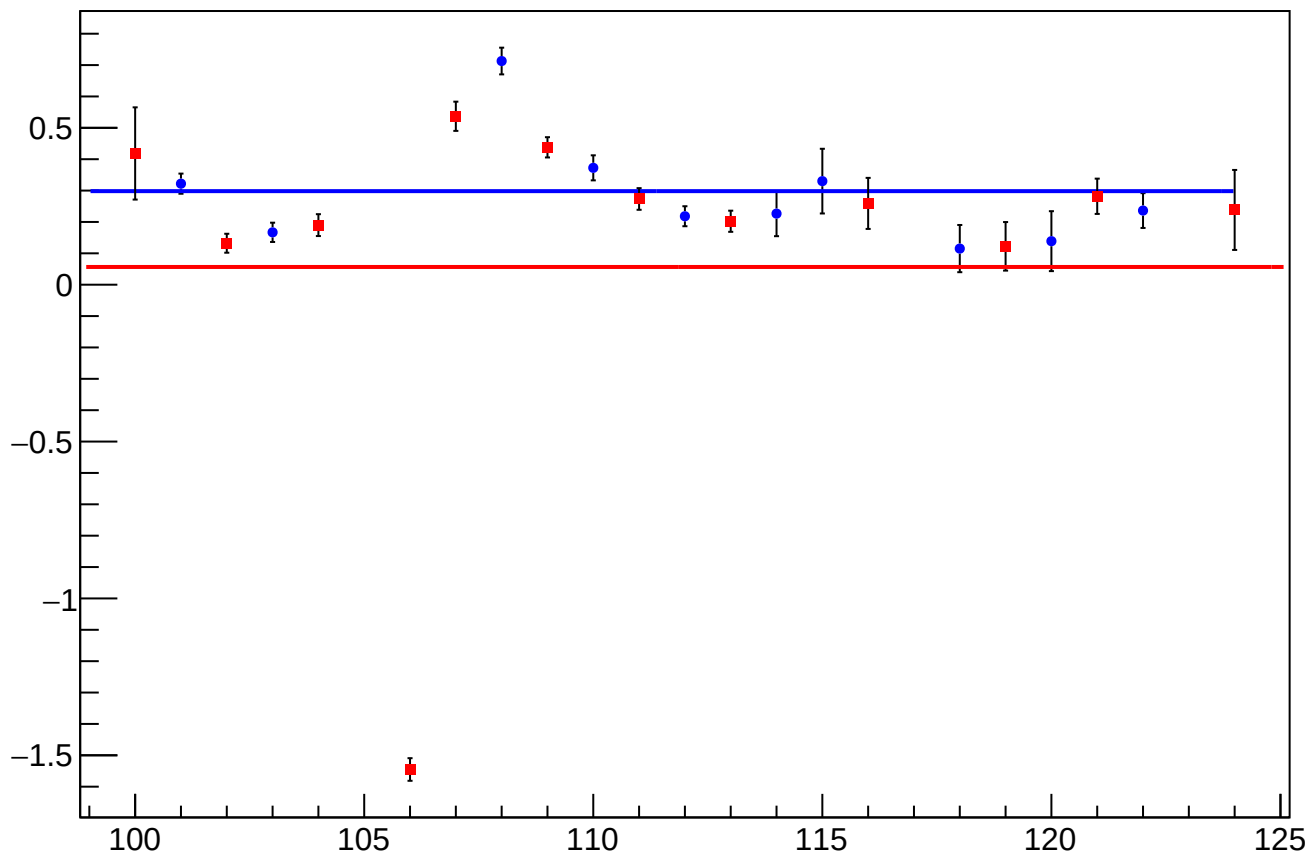
Right: 5.901 $\pm$ 0.167 χ^2 /NDF: 7169.5/21

In: 6.951 $\pm$ 0.246 χ^2 /NDF:3504.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.901 $\pm$ 0.167 χ^2 /NDF: 7169.5/21

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.298+/-0.014 χ^2/NDF : 134.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.012 χ^2/NDF : 2328.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

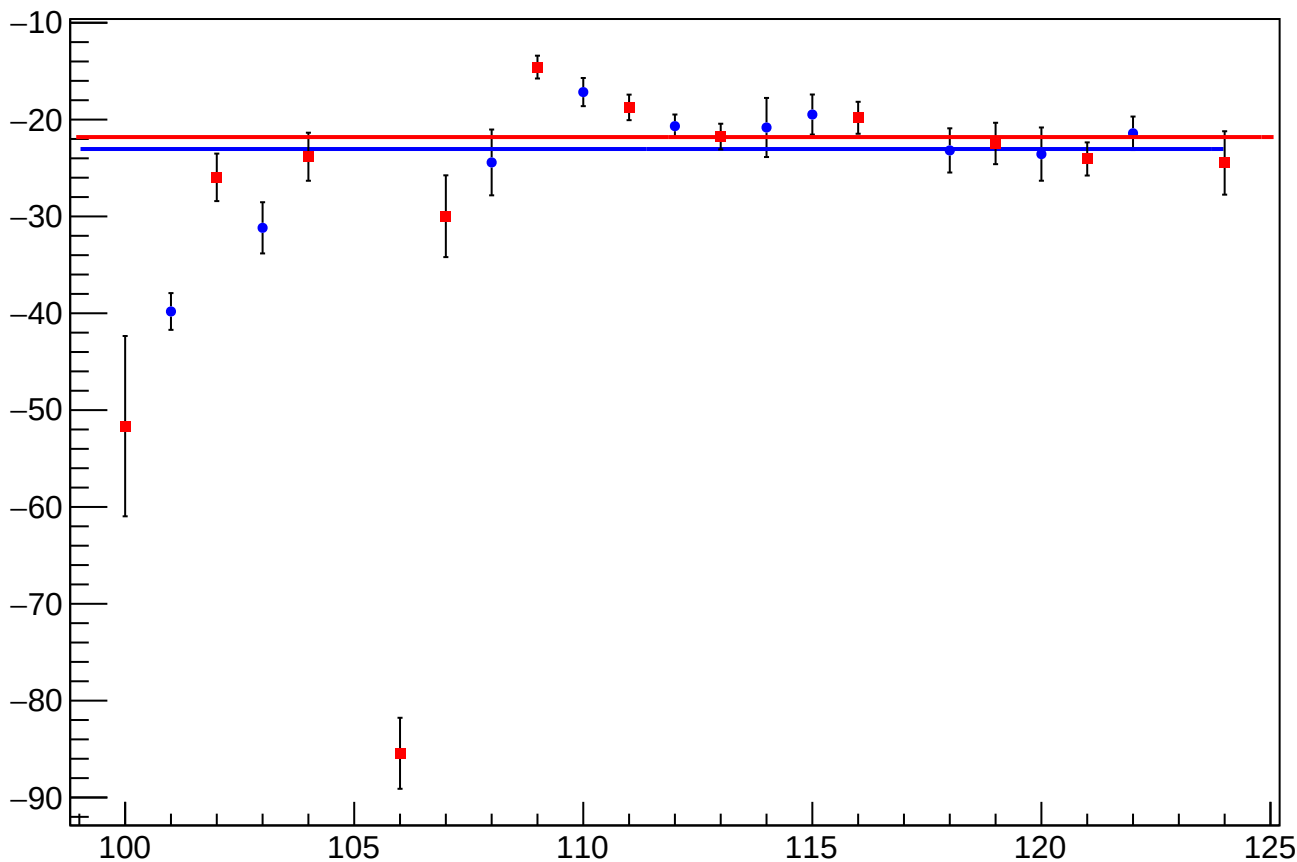
Right: 0.162+/-0.009 χ^2/NDF : 2630.2/21

In: 0.298+/-0.014 χ^2/NDF : 134.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.162+/-0.009 χ^2/NDF : 2630.2/21

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.038 $\pm$ 0.611 χ^2 /NDF: 112.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.804 $\pm$ 0.546 χ^2 /NDF: 365.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

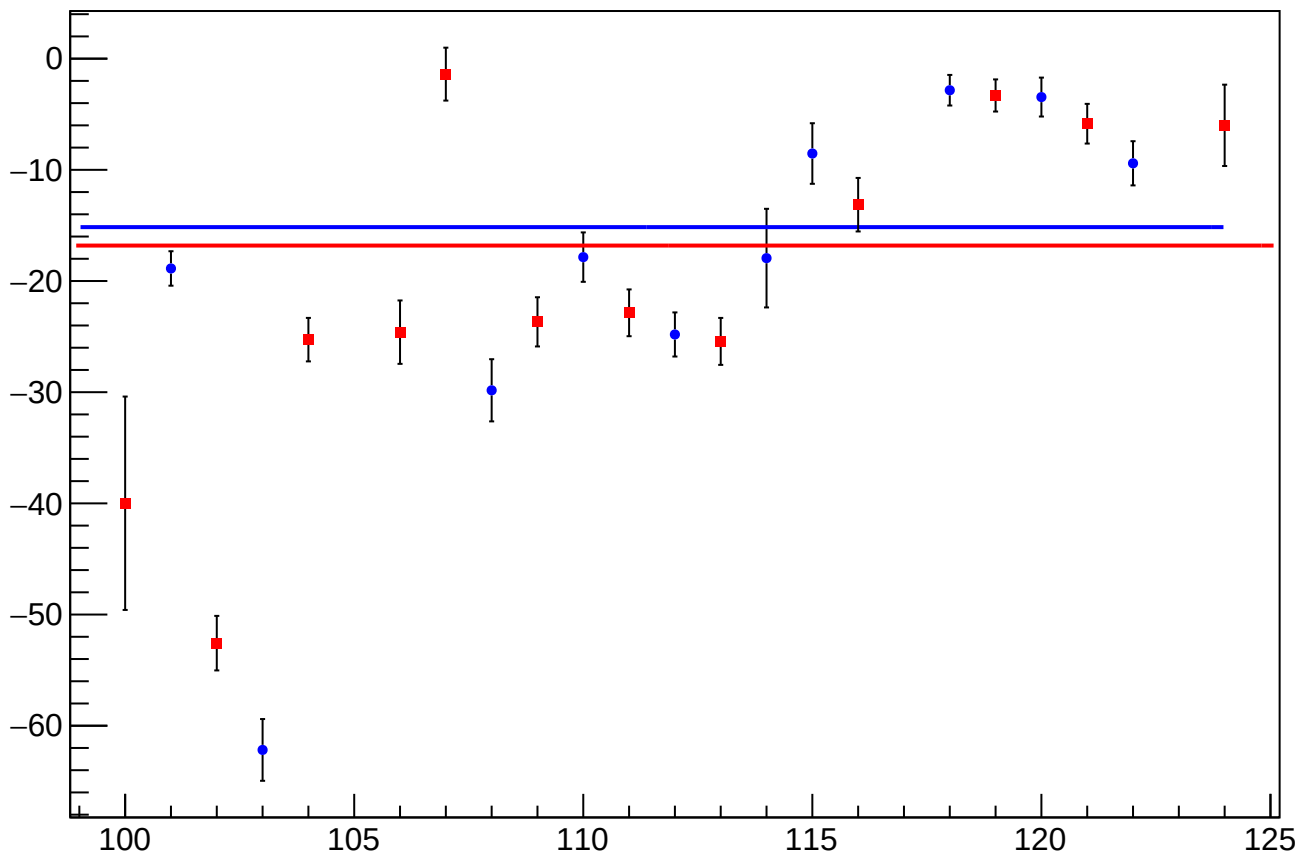
Right: -22.351 $\pm$ 0.407 χ^2 /NDF: 480.4/21

In: -23.038 $\pm$ 0.611 χ^2 /NDF:112.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.351 $\pm$ 0.407 χ^2 /NDF: 480.4/21

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.153+/-0.642 χ^2/NDF : 484.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.811+/-0.641 χ^2/NDF : 457.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

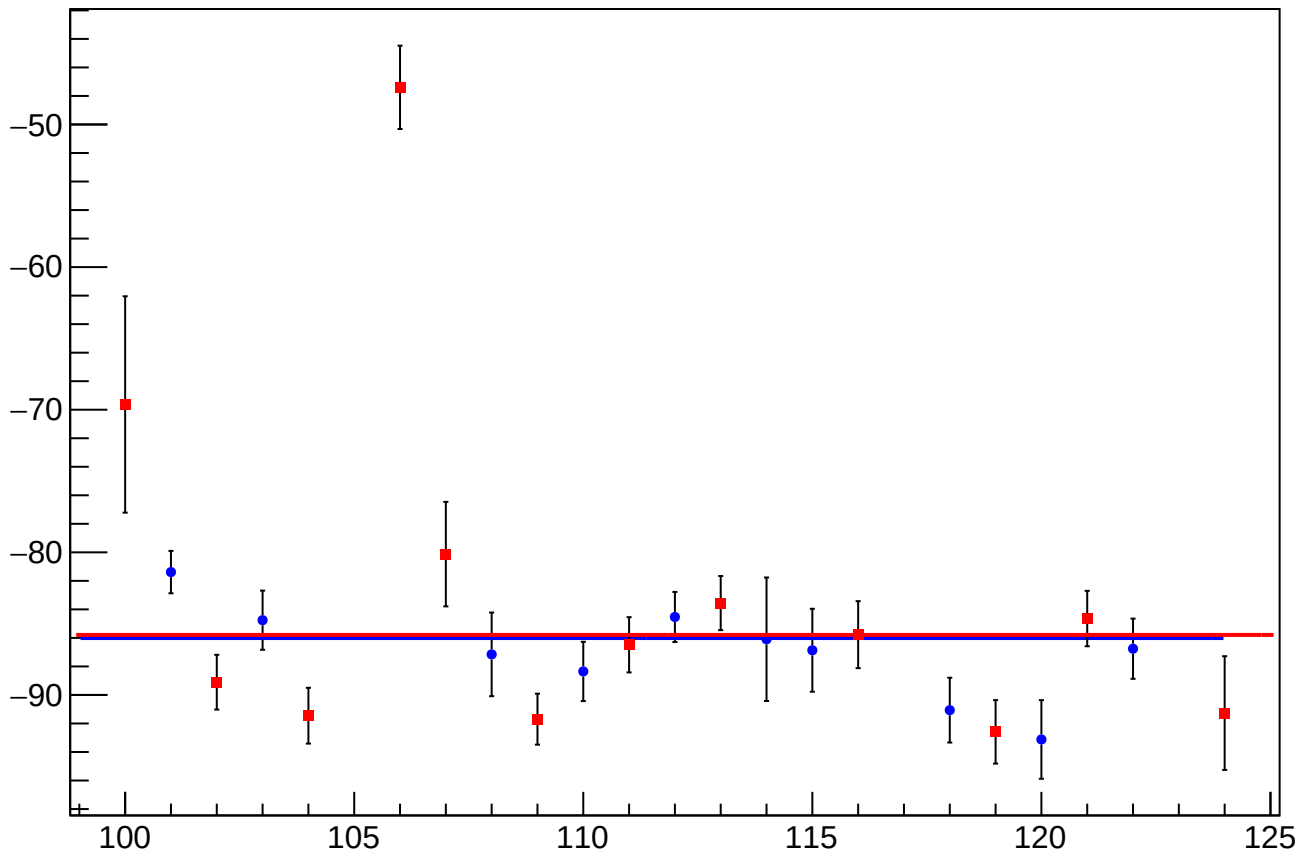
Right: -15.983+/-0.454 χ^2/NDF : 944.9/21

In: -15.153+/-0.642 χ^2/NDF : 484.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.983+/-0.454 χ^2/NDF : 944.9/21

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.009 $\pm$ 0.694 χ^2 /NDF: 24.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -85.791 $\pm$ 0.658 χ^2 /NDF: 214.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

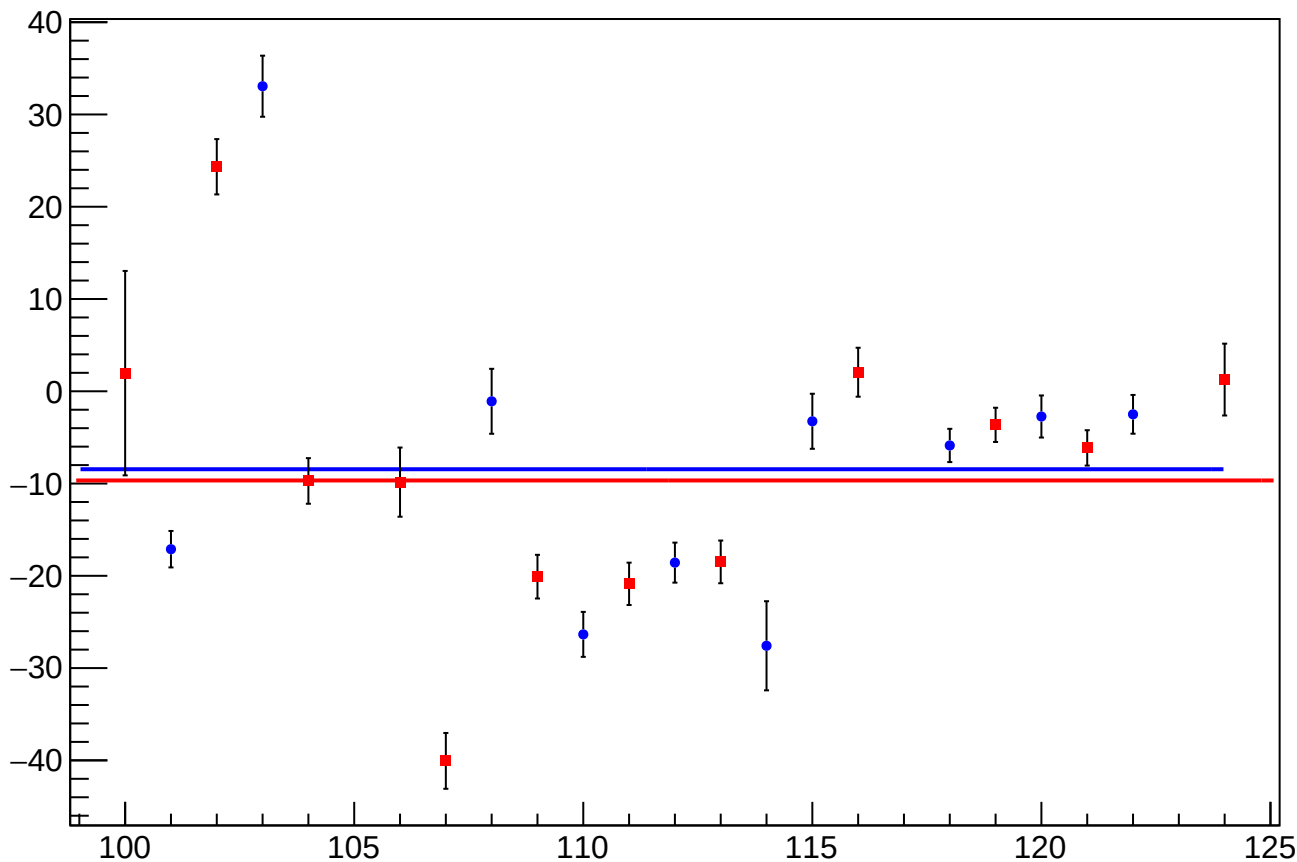
Right: -85.894 $\pm$ 0.477 χ^2 /NDF: 239.0/21

In: -86.009 $\pm$ 0.694 χ^2 /NDF:24.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -85.894 $\pm$ 0.477 χ^2 /NDF: 239.0/21

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.449+/-0.769 χ^2 /NDF: 291.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -9.666+/-0.747 χ^2 /NDF: 329.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

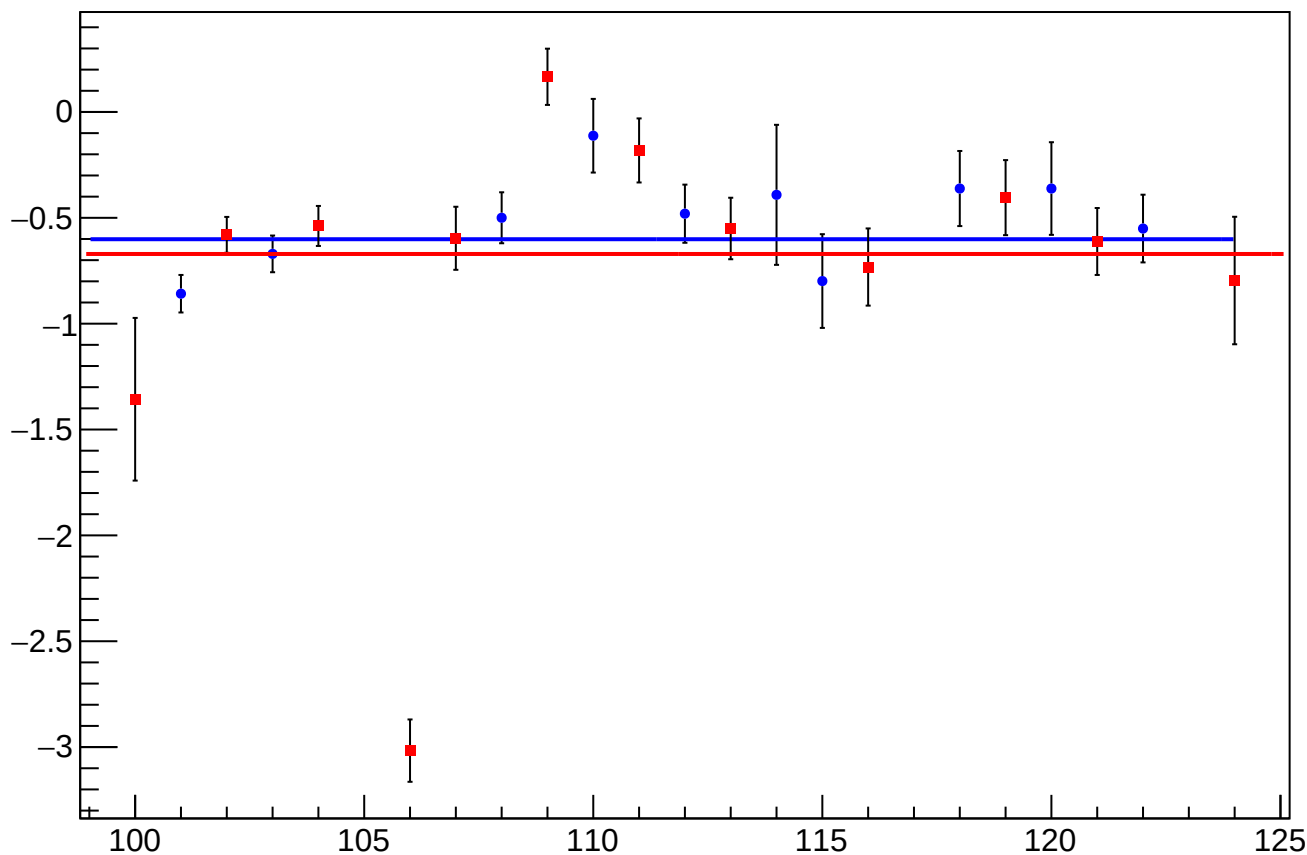
Right: -9.075+/-0.536 χ^2 /NDF: 622.8/21

In: -8.449+/-0.769 χ^2 /NDF:291.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -9.075+/-0.536 χ^2 /NDF: 622.8/21

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.601 ± 0.043 χ^2/NDF : 22.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.671 ± 0.040 χ^2/NDF : 313.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

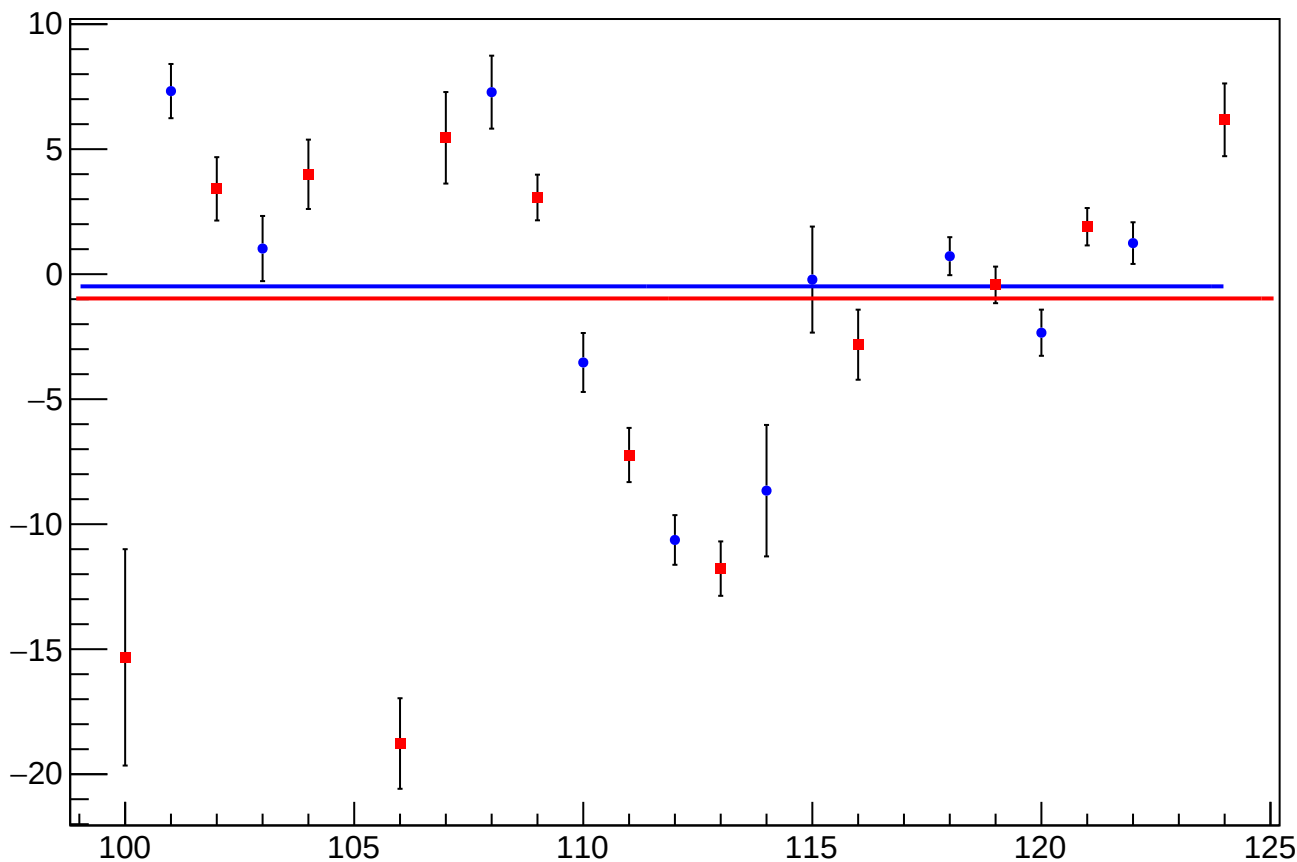
Right: -0.638 ± 0.030 χ^2/NDF : 338.1/21

In: -0.601 ± 0.043 χ^2/NDF : 22.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.638 ± 0.030 χ^2/NDF : 338.1/21

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.488+/-0.346 χ^2 /NDF: 213.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.971+/-0.327 χ^2 /NDF: 337.4/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

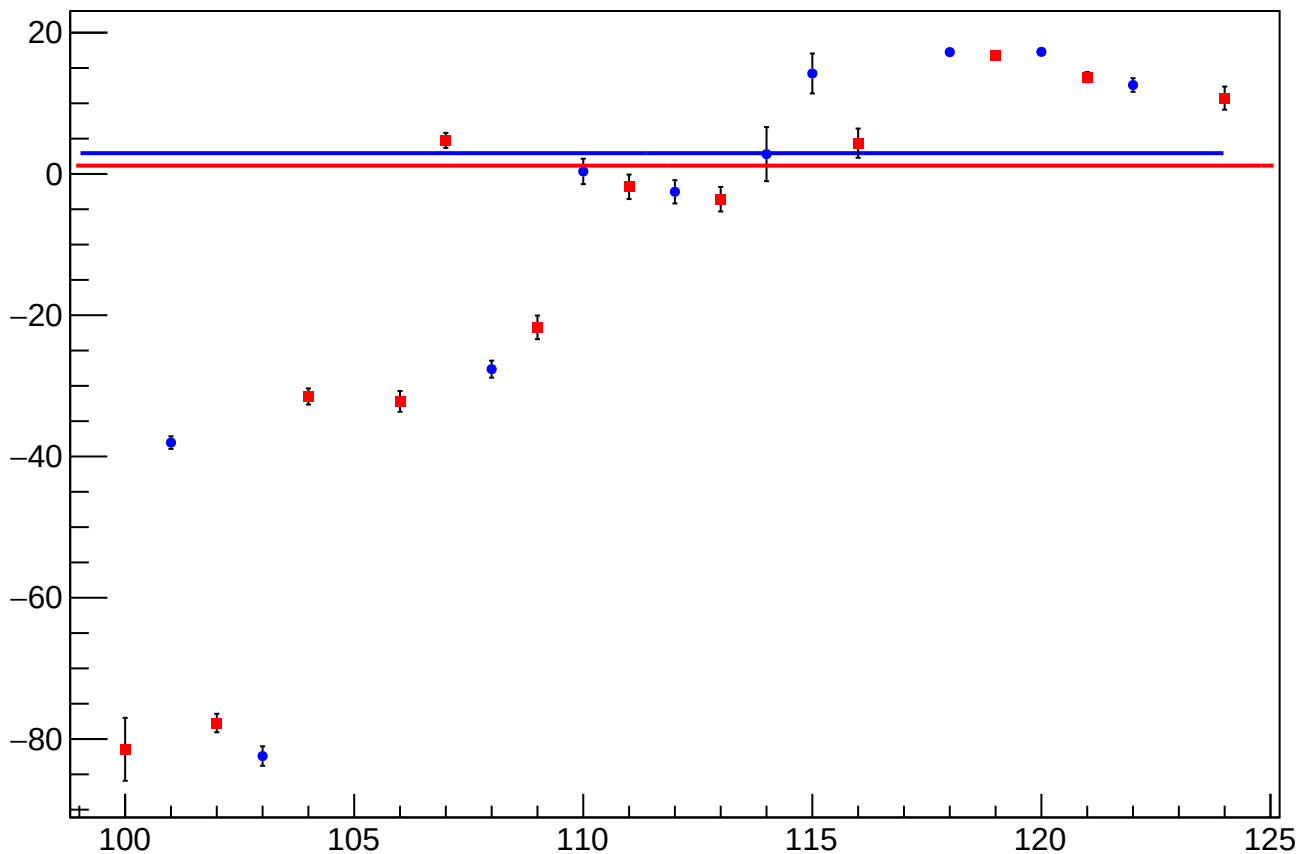
Right: -0.743+/-0.238 χ^2 /NDF: 551.5/21

In: -0.488+/-0.346 χ^2 /NDF:213.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.743+/-0.238 χ^2 /NDF: 551.5/21

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.940+/-0.288 χ^2/NDF : 8307.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.179+/-0.304 χ^2/NDF : 6948.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

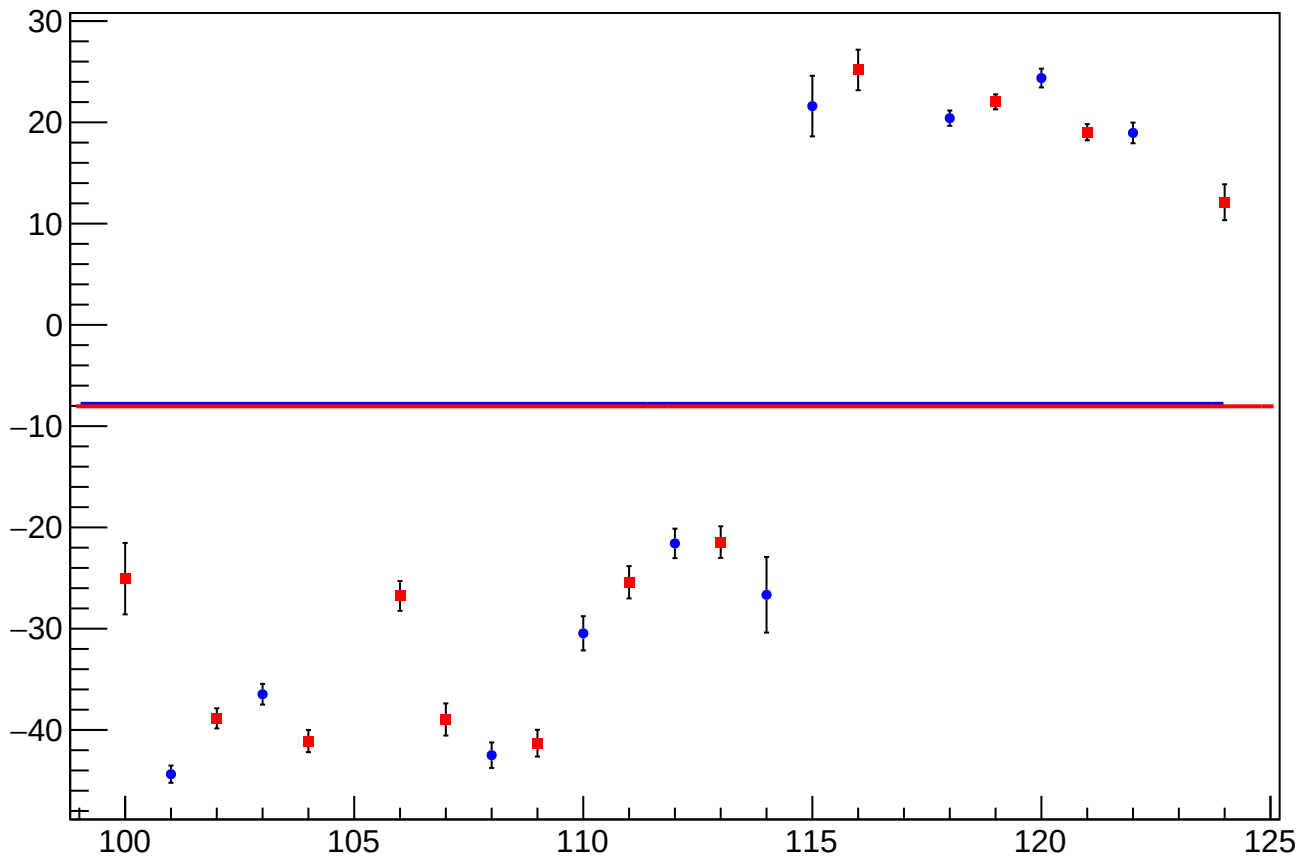
Right: 2.107+/-0.209 χ^2/NDF : 15273.1/21

In: 2.940+/-0.288 χ^2/NDF : 8307.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.107+/-0.209 χ^2/NDF : 15273.1/21

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -7.796 ± 0.357 χ^2/NDF : 7078.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.042 ± 0.350 χ^2/NDF : 6482.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

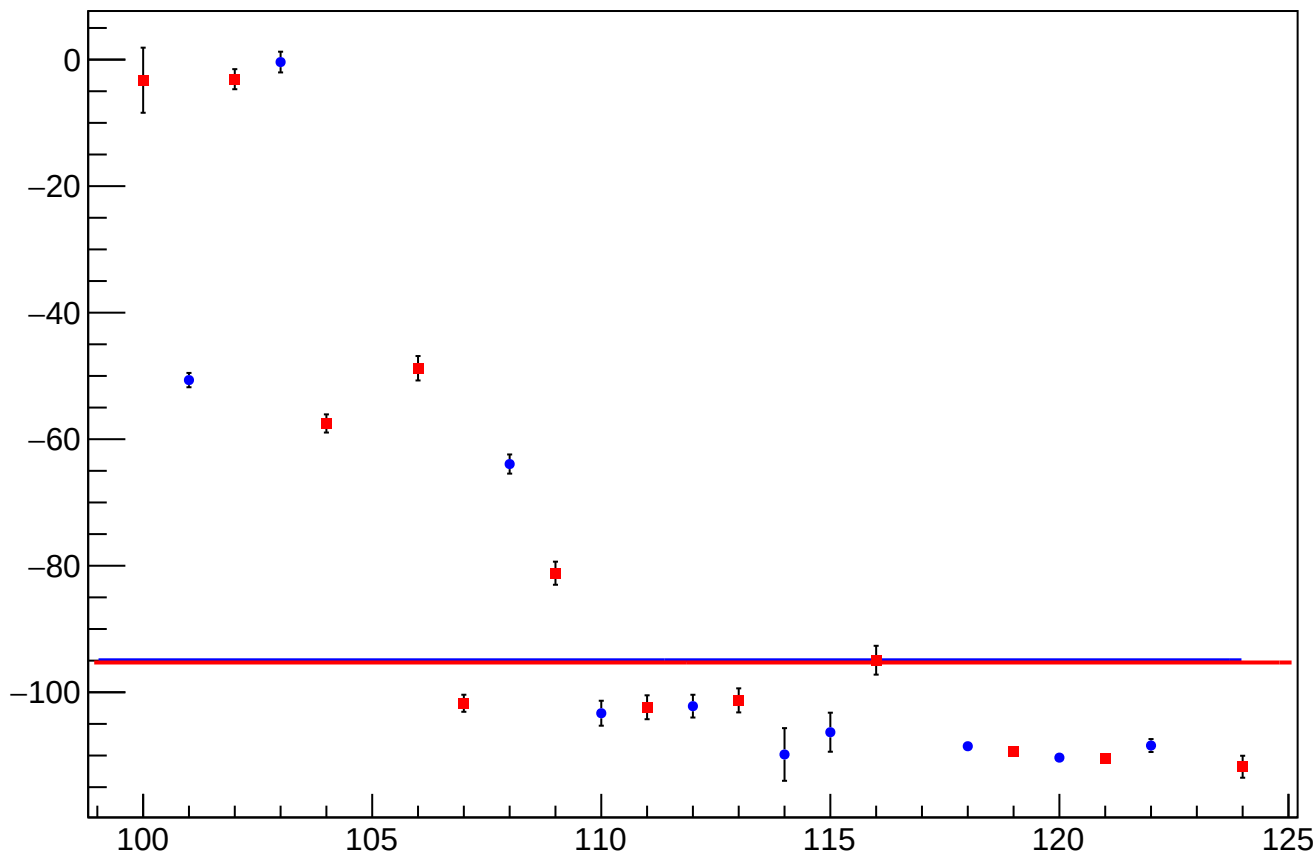
Right: -7.921 ± 0.250 χ^2/NDF : 13561.2/21

In: -7.796 ± 0.357 χ^2/NDF : 7078.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.921 ± 0.250 χ^2/NDF : 13561.2/21

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -94.948+/-0.359 χ^2/NDF : 6433.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.295+/-0.367 χ^2/NDF : 6073.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

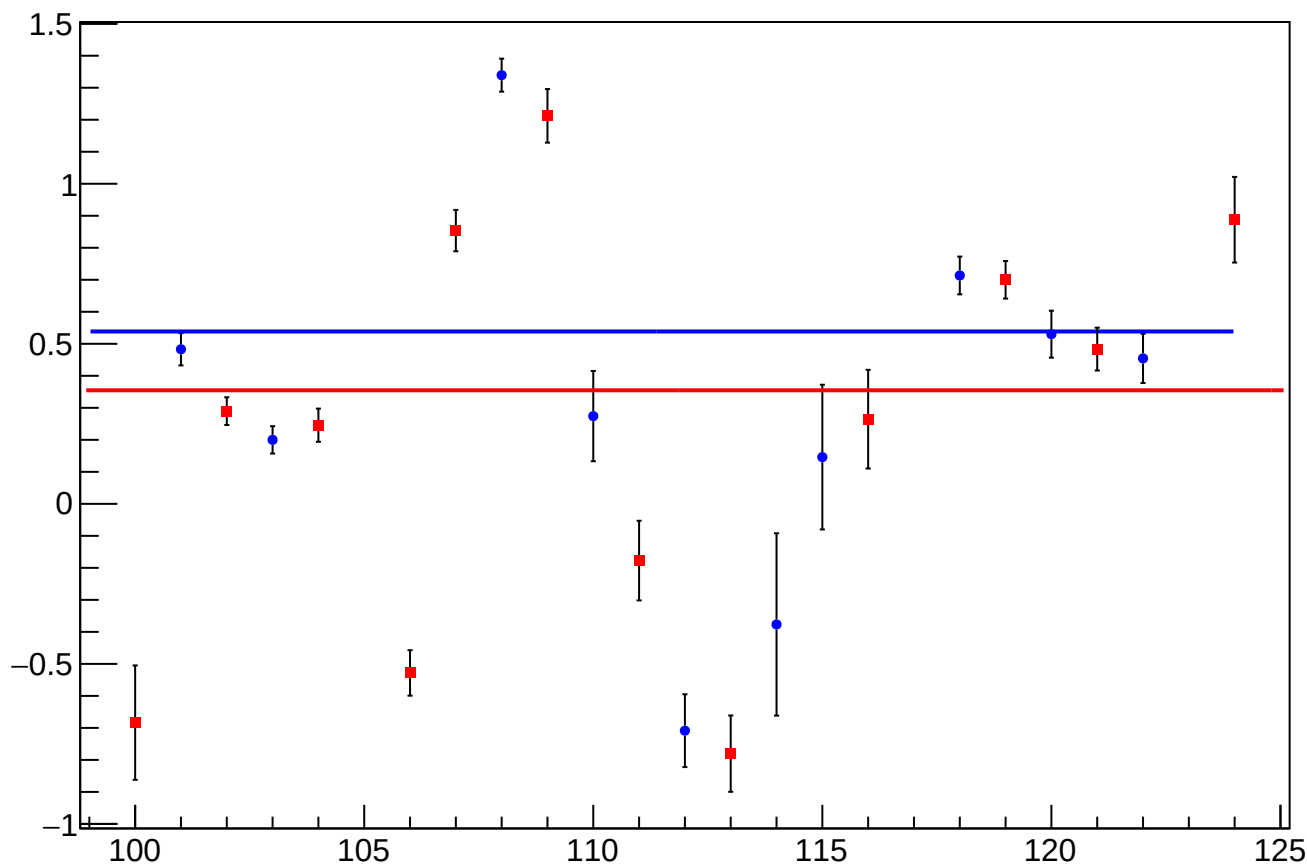
Right: -95.118+/-0.256 χ^2/NDF : 12507.6/21

In: -94.948+/-0.359 χ^2/NDF : 6433.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.118+/-0.256 χ^2/NDF : 12507.6/21

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.539+/-0.022 χ^2/NDF : 453.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.355+/-0.021 χ^2/NDF : 523.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

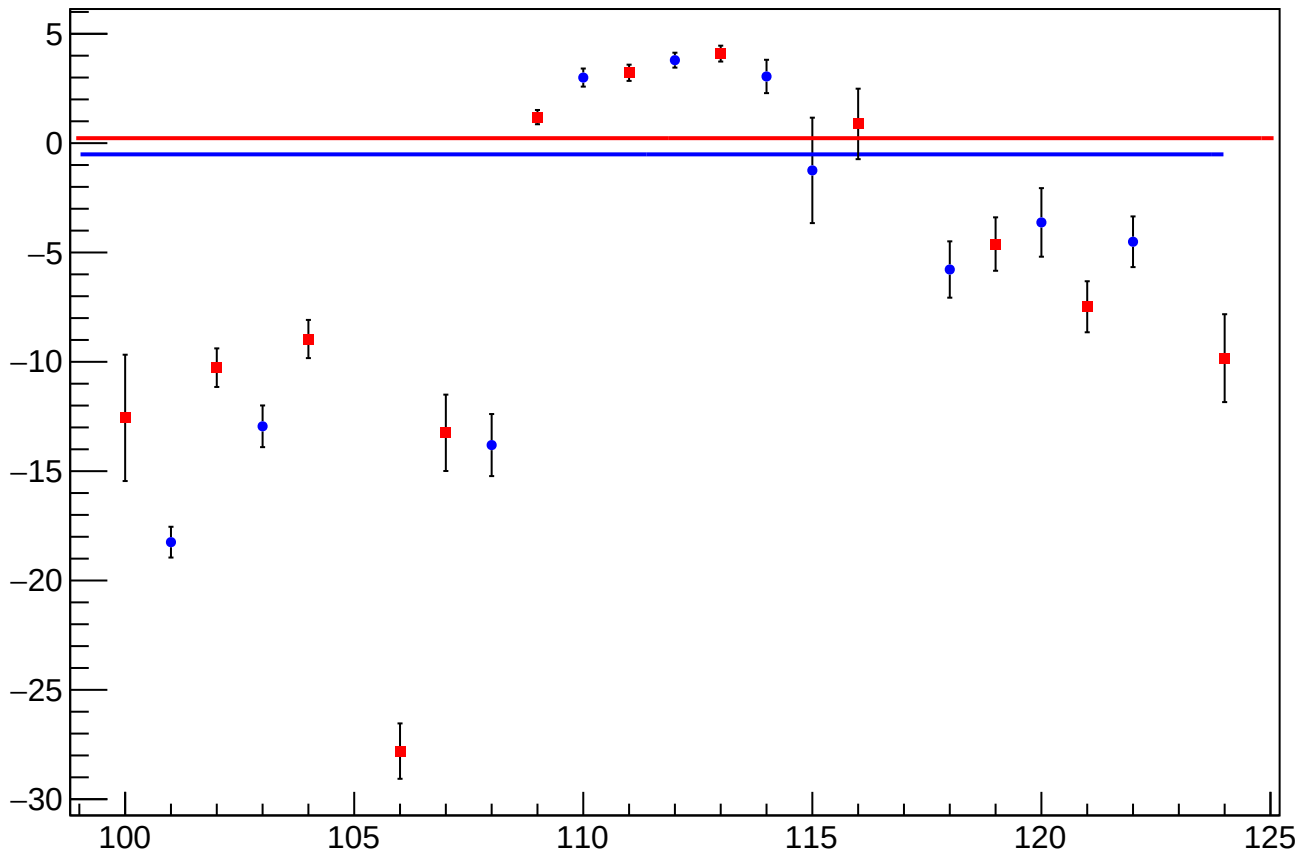
Right: 0.444+/-0.015 χ^2/NDF : 1013.0/21

In: 0.539+/-0.022 χ^2/NDF :453.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.444+/-0.015 χ^2/NDF : 1013.0/21

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.513+/-0.215 χ^2/NDF : 1178.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.227+/-0.183 χ^2/NDF : 1093.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

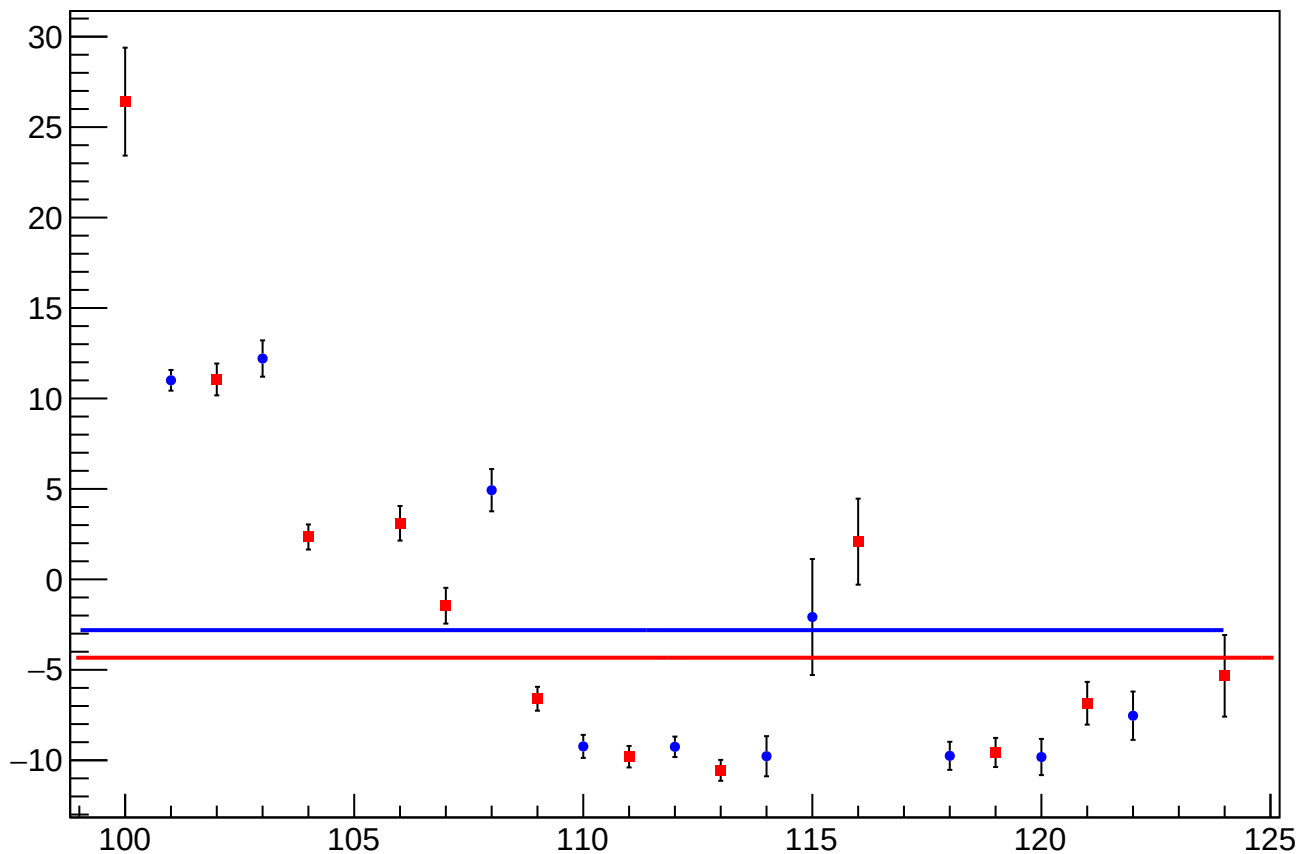
Right: -0.084+/-0.139 χ^2/NDF : 2278.7/21

In: -0.513+/-0.215 χ^2/NDF :1178.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.084+/-0.139 χ^2/NDF : 2278.7/21

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.807 ± 0.262 χ^2/NDF : 1264.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.331 ± 0.247 χ^2/NDF : 839.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

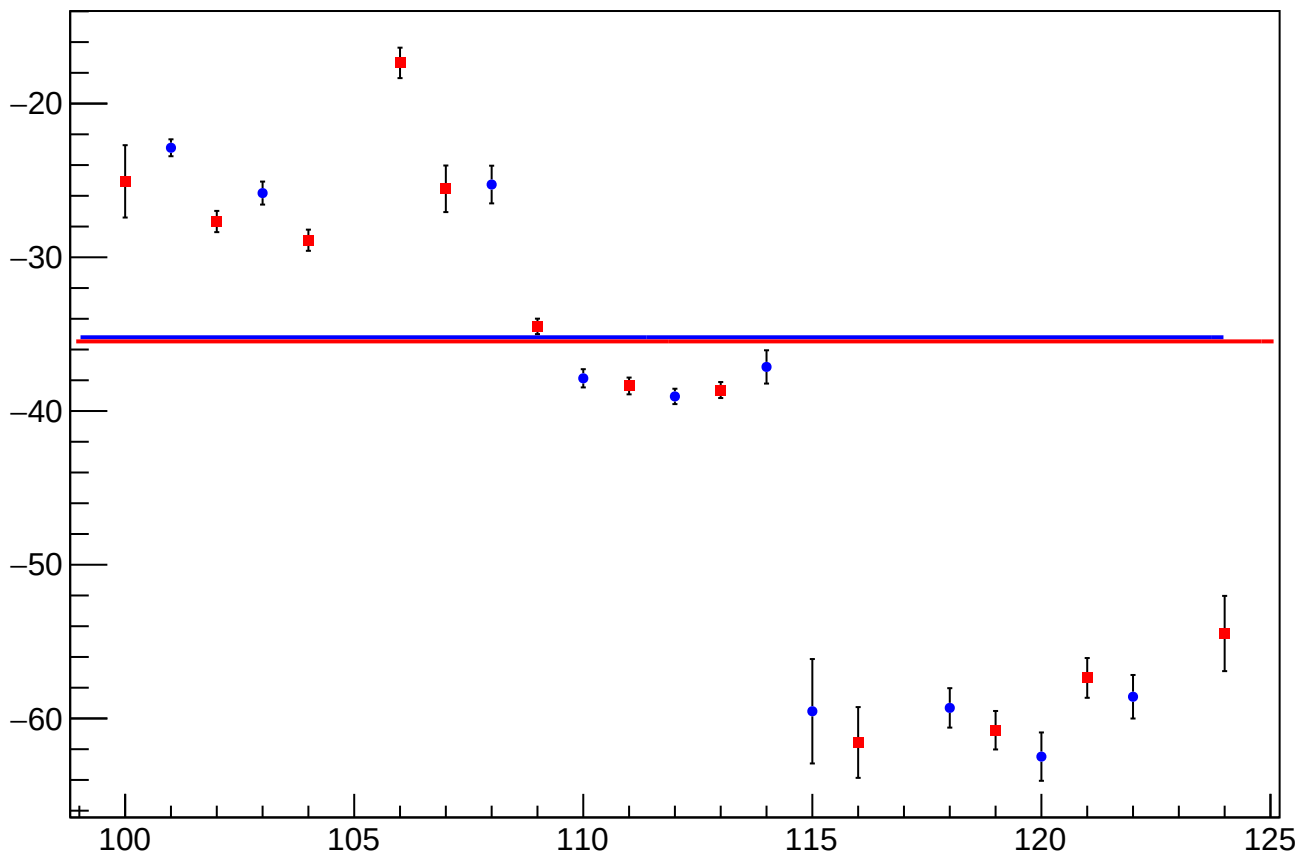
Right: -3.614 ± 0.180 χ^2/NDF : 2122.0/21

In: -2.807 ± 0.262 χ^2/NDF : 1264.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.614 ± 0.180 χ^2/NDF : 2122.0/21

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.204+/-0.258 χ^2/NDF : 1785.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.471+/-0.233 χ^2/NDF : 1568.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

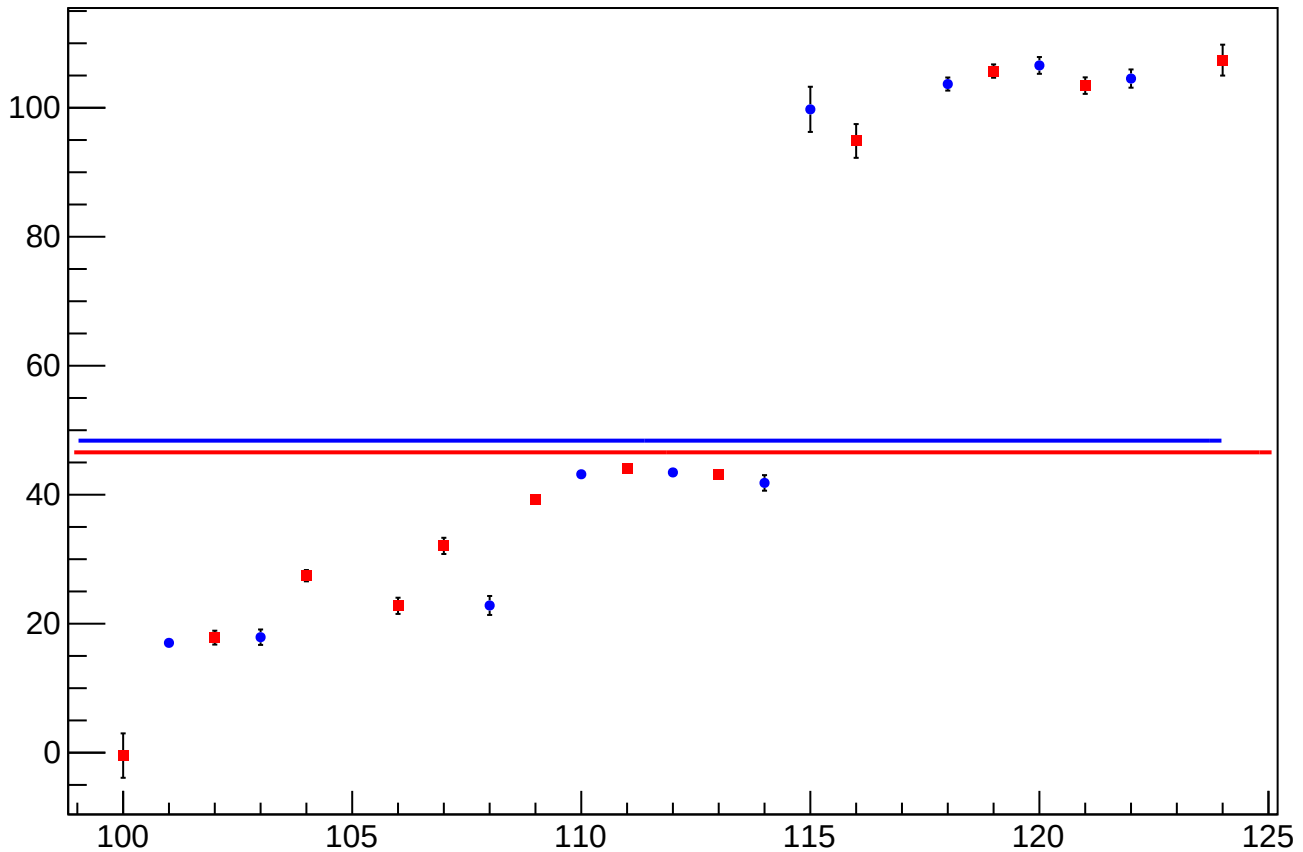
Right: -35.351+/-0.173 χ^2/NDF : 3355.1/21

In: -35.204+/-0.258 χ^2/NDF : 1785.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.351+/-0.173 χ^2/NDF : 3355.1/21

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.384+/-0.308 χ^2/NDF : 9711.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.570+/-0.285 χ^2/NDF : 8246.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

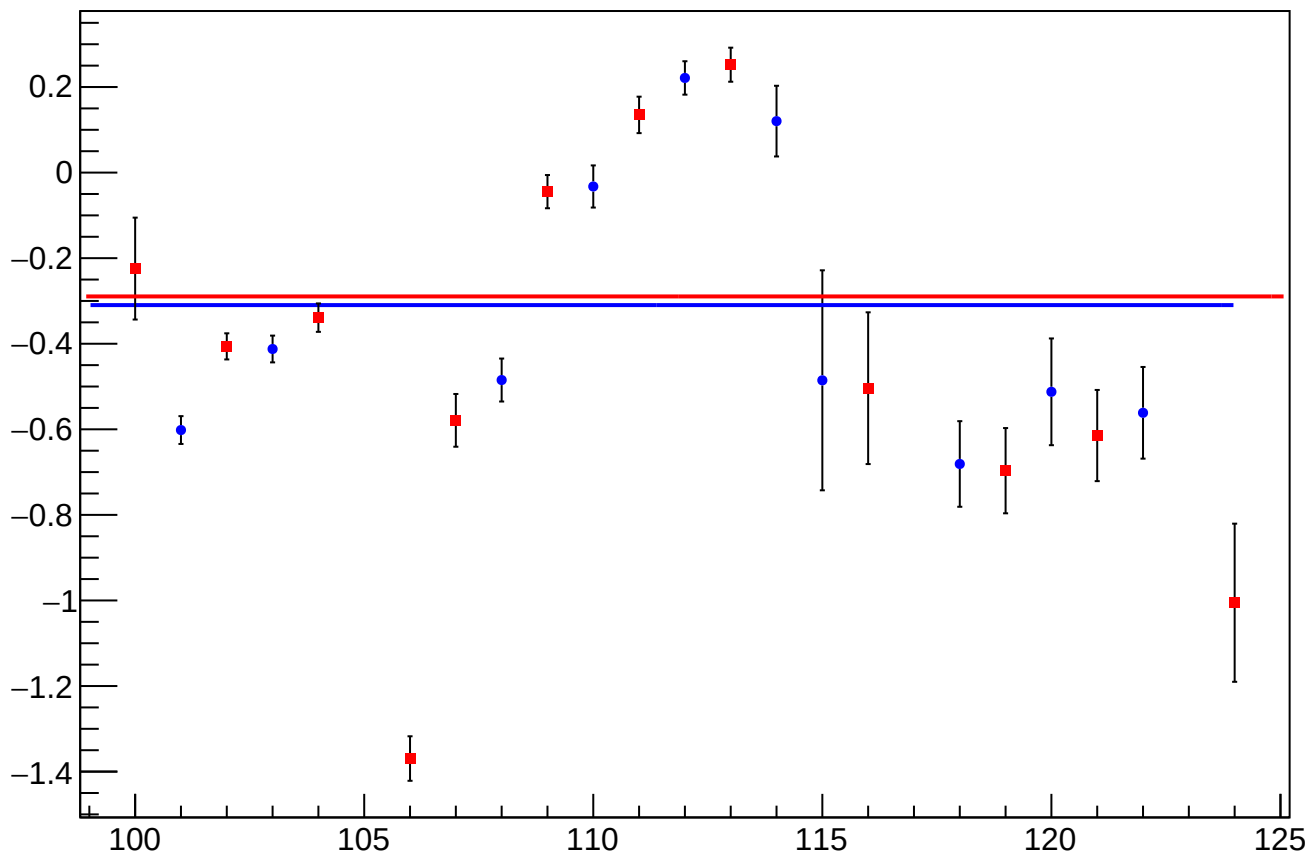
Right: 47.407+/-0.209 χ^2/NDF : 17976.1/21

In: 48.384+/-0.308 χ^2/NDF : 9711.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.407+/-0.209 χ^2/NDF : 17976.1/21

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.310+/-0.016 χ^2/NDF : 369.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.289+/-0.014 χ^2/NDF : 836.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

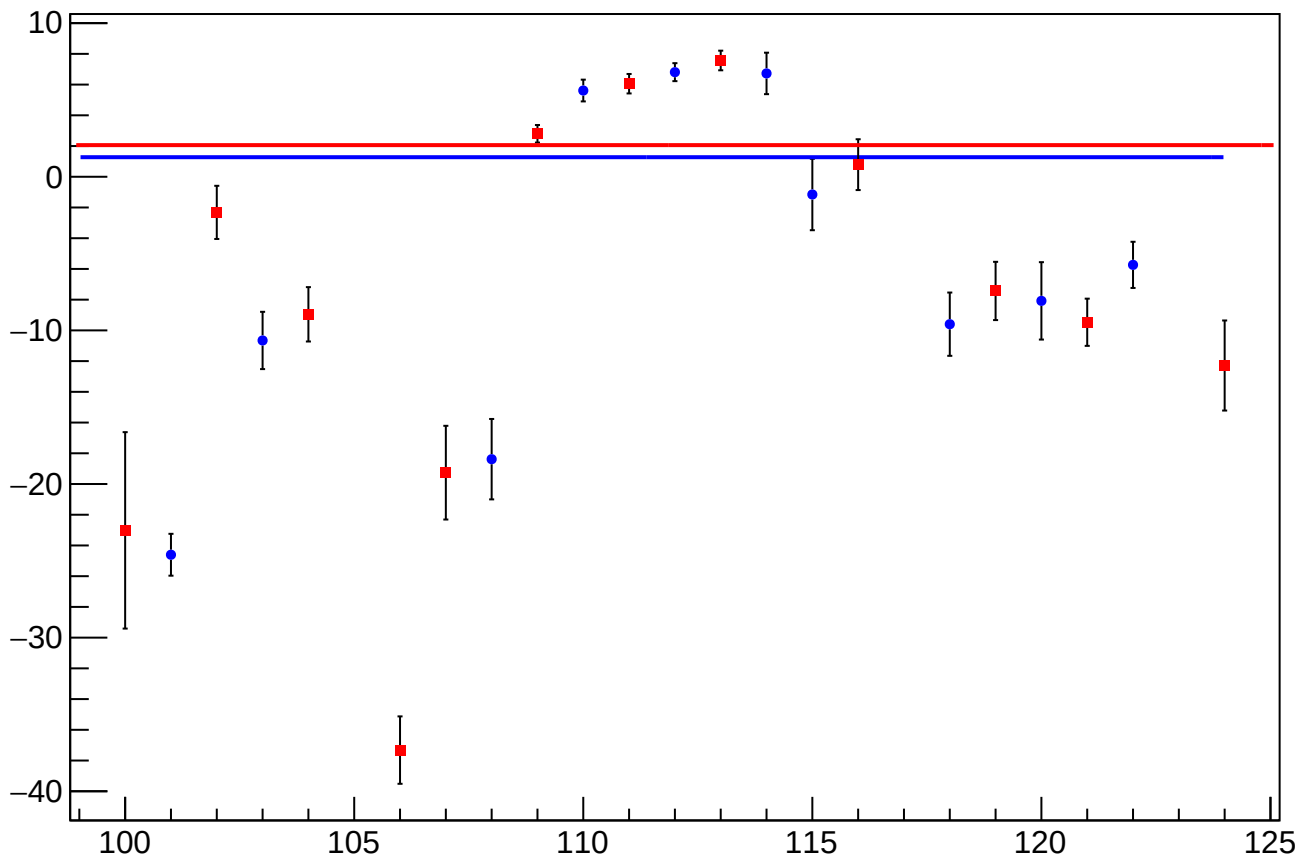
Right: -0.298+/-0.011 χ^2/NDF : 1207.2/21

In: -0.310+/-0.016 χ^2/NDF :369.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.298+/-0.011 χ^2/NDF : 1207.2/21

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.274+/-0.366 χ^2/NDF : 666.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.059+/-0.313 χ^2/NDF : 653.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

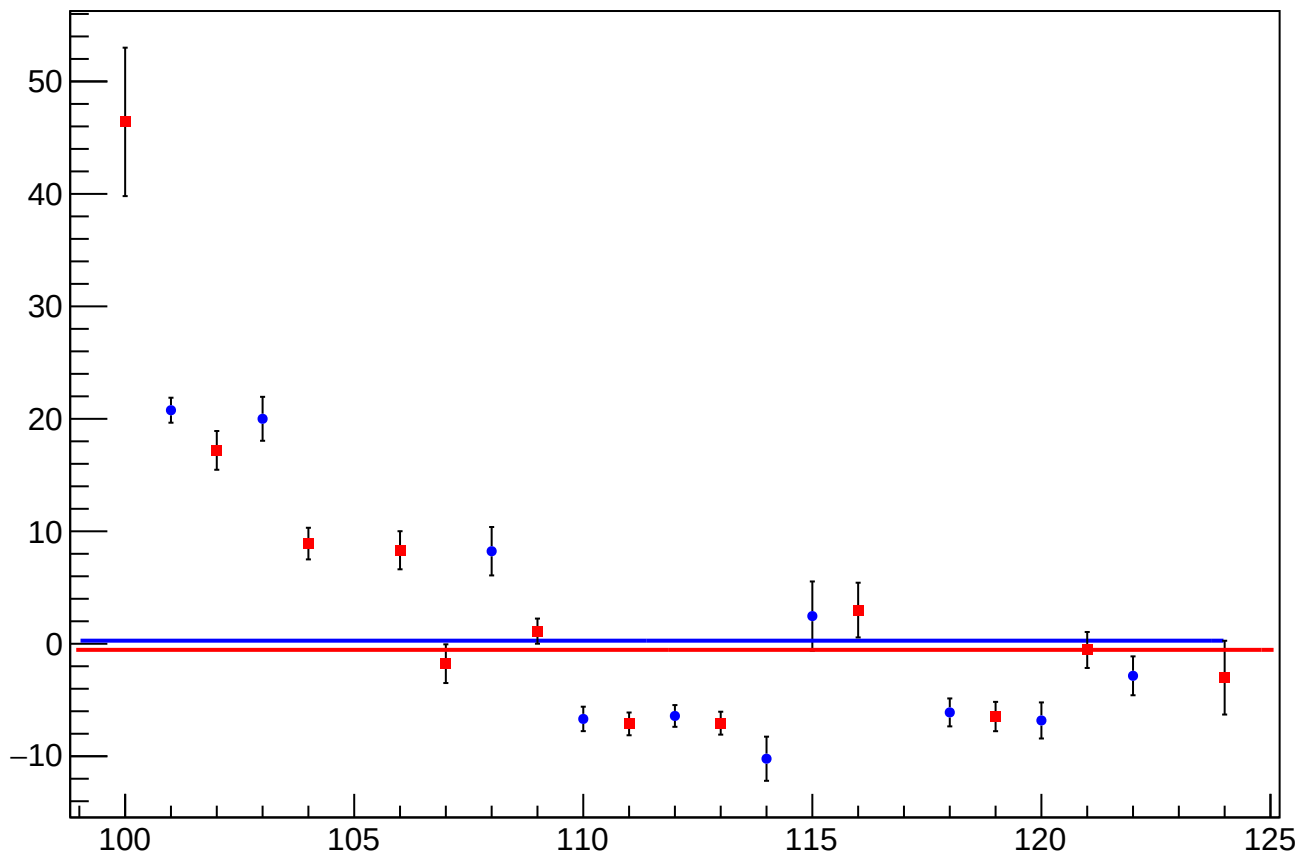
Right: 1.727+/-0.238 χ^2/NDF : 1322.1/21

In: 1.274+/-0.366 χ^2/NDF : 666.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.727+/-0.238 χ^2/NDF : 1322.1/21

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.275+/-0.450 χ^2/NDF : 623.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.541+/-0.425 χ^2/NDF : 338.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

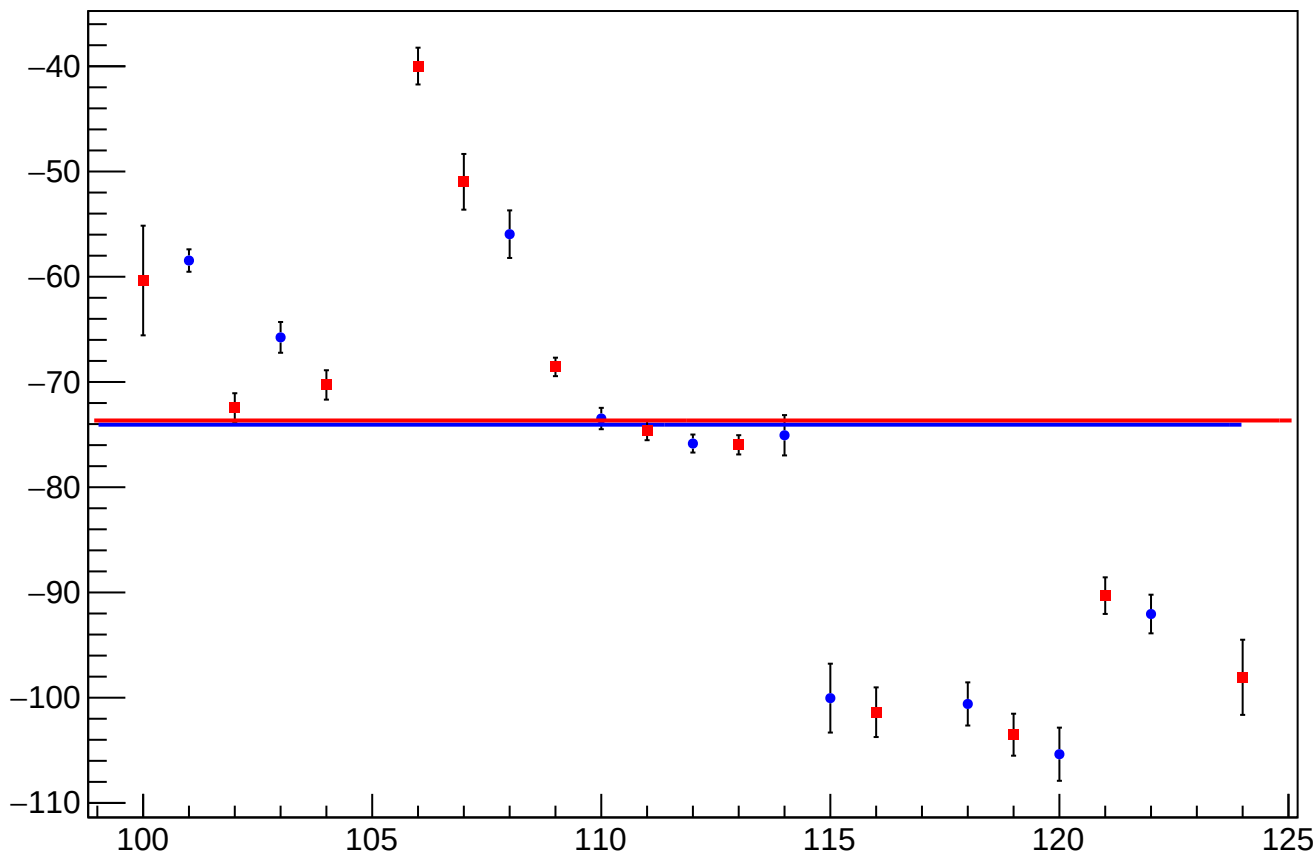
Right: -0.156+/-0.309 χ^2/NDF : 963.1/21

In: 0.275+/-0.450 χ^2/NDF : 623.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.156+/-0.309 χ^2/NDF : 963.1/21

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.055 $\pm$ 0.450 χ^2 /NDF: 795.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -73.659 $\pm$ 0.407 χ^2 /NDF: 999.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

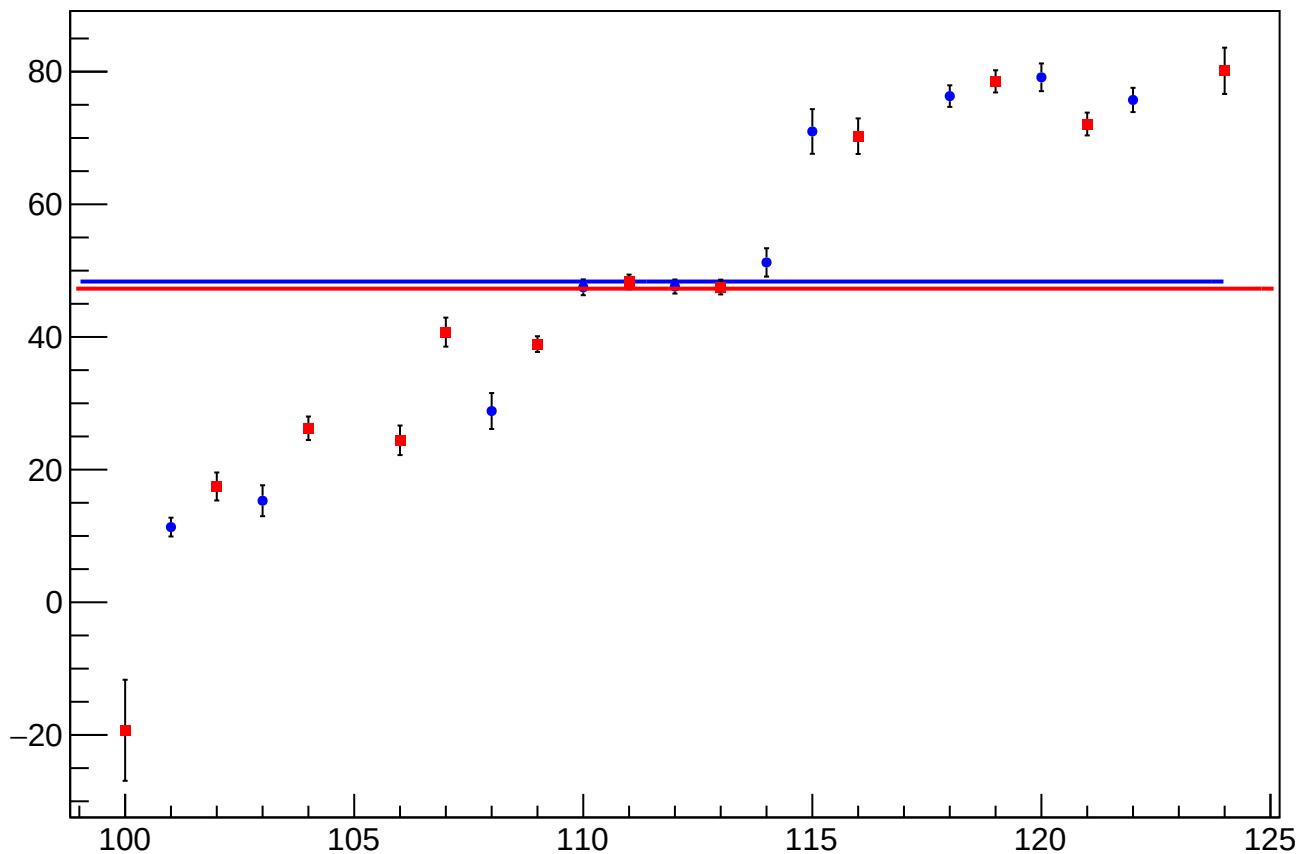
Right: -73.837 $\pm$ 0.302 χ^2 /NDF: 1795.1/21

In: -74.055 $\pm$ 0.450 χ^2 /NDF:795.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -73.837 $\pm$ 0.302 χ^2 /NDF: 1795.1/21

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 48.357+/-0.525 χ^2 /NDF: 1720.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 47.286+/-0.486 χ^2 /NDF: 1302.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

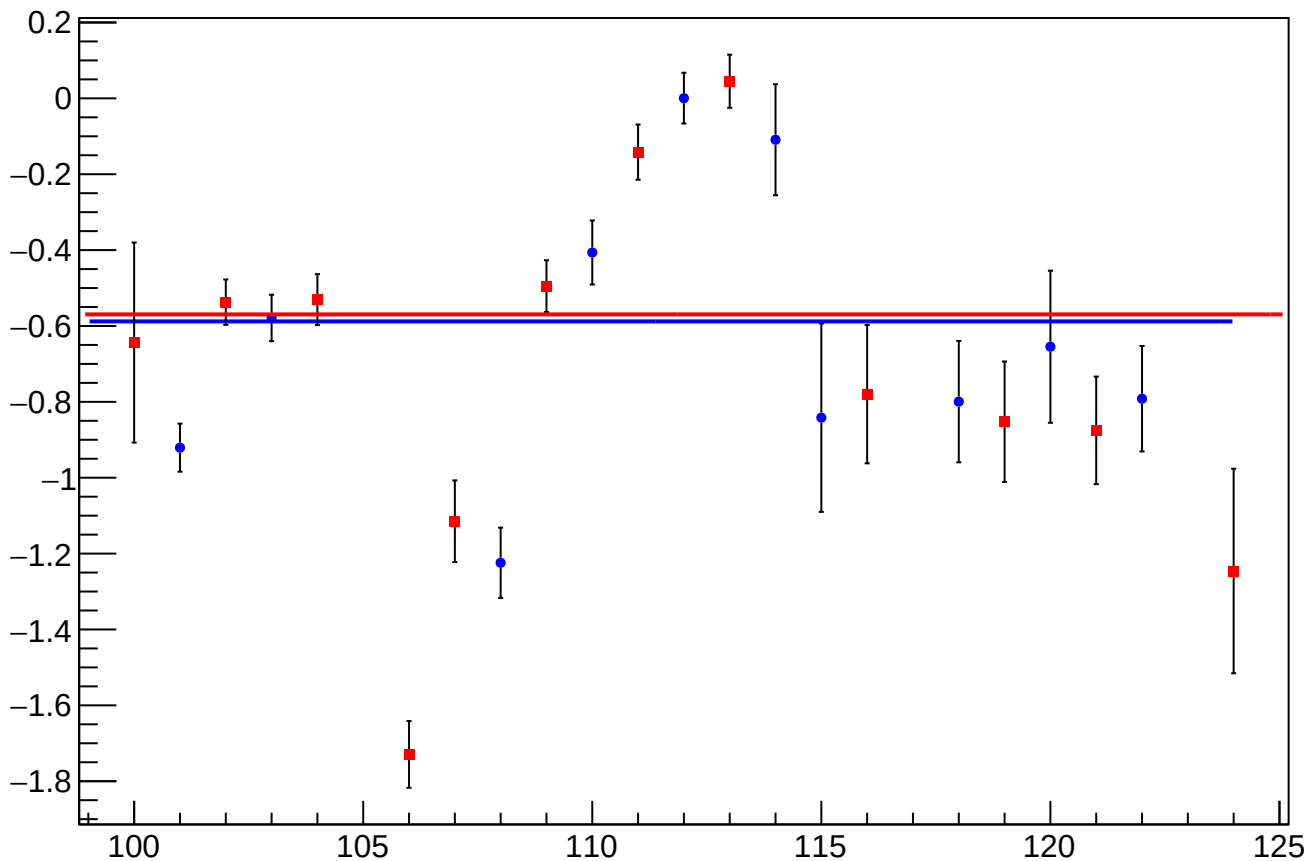
Right: 47.781+/-0.357 χ^2 /NDF: 3025.6/21

In: 48.357+/-0.525 χ^2 /NDF:1720.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 47.781+/-0.357 χ^2 /NDF: 3025.6/21

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.588+/-0.029 χ^2/NDF : 172.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.569+/-0.026 χ^2/NDF : 328.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

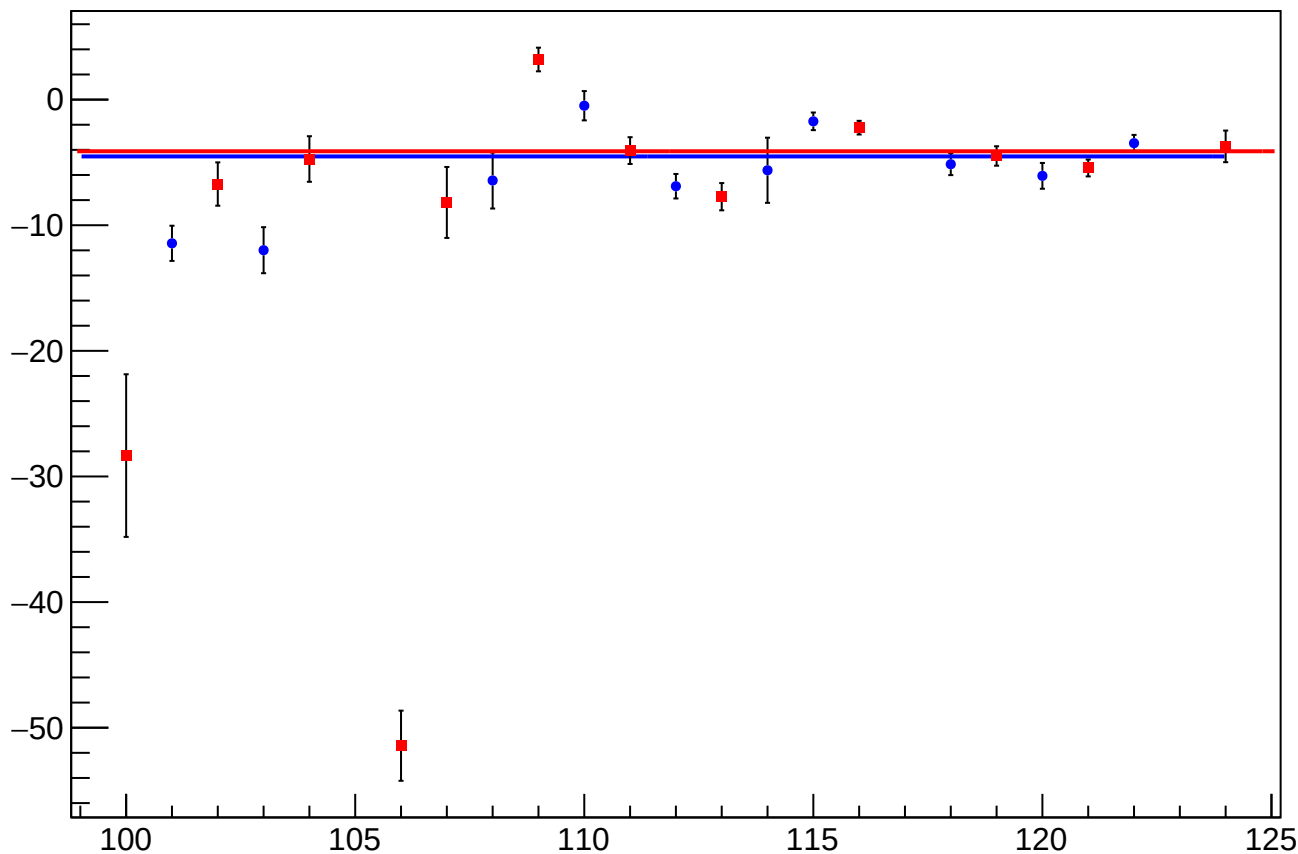
Right: -0.578+/-0.019 χ^2/NDF : 500.6/21

In: -0.588+/-0.029 χ^2/NDF :172.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.578+/-0.019 χ^2/NDF : 500.6/21

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.523 ± 0.323 χ^2/NDF : 81.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.111 ± 0.293 χ^2/NDF : 393.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

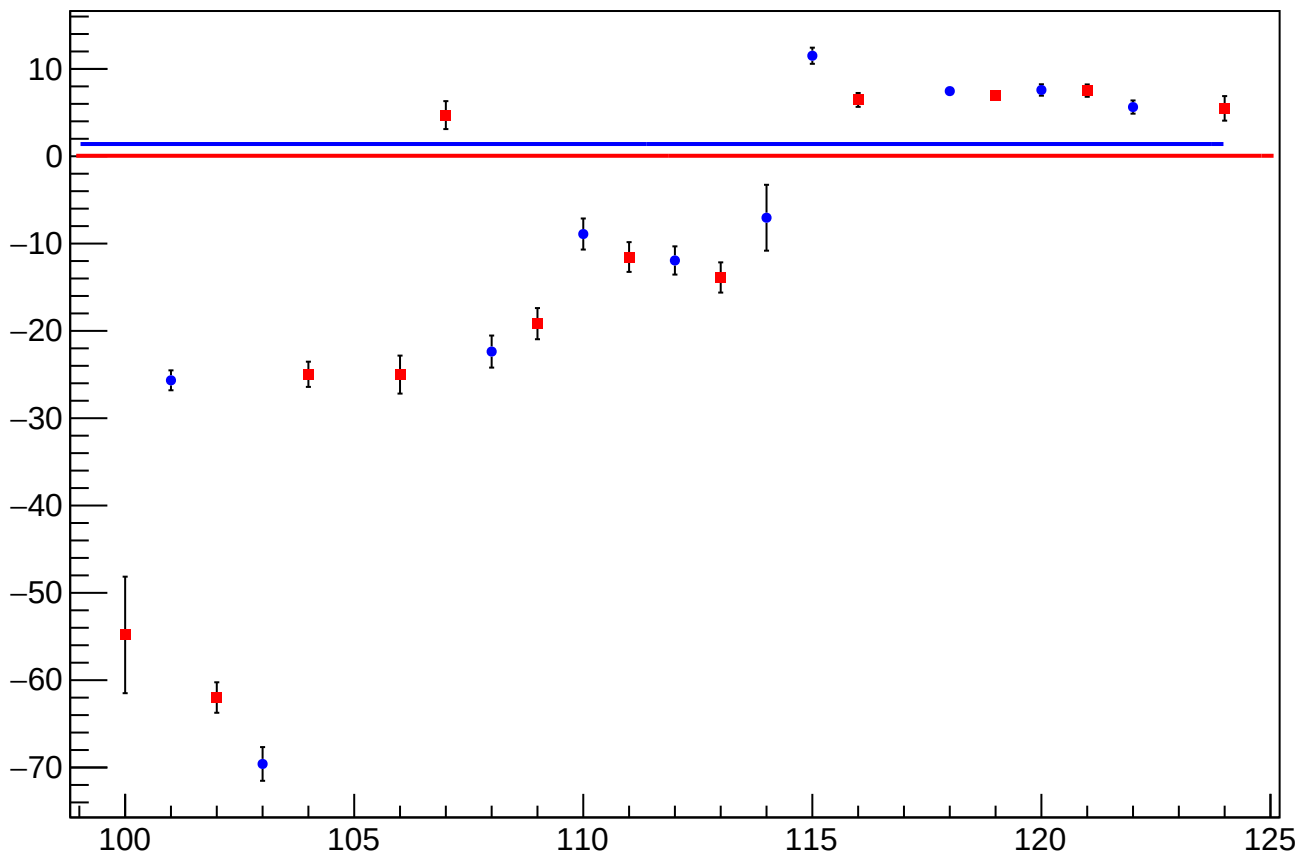
Right: -4.297 ± 0.217 χ^2/NDF : 475.0/21

In: -4.523 ± 0.323 χ^2/NDF : 81.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.297 ± 0.217 χ^2/NDF : 475.0/21

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.401+/-0.301 χ^2/NDF : 2564.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.055+/-0.317 χ^2/NDF : 2357.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

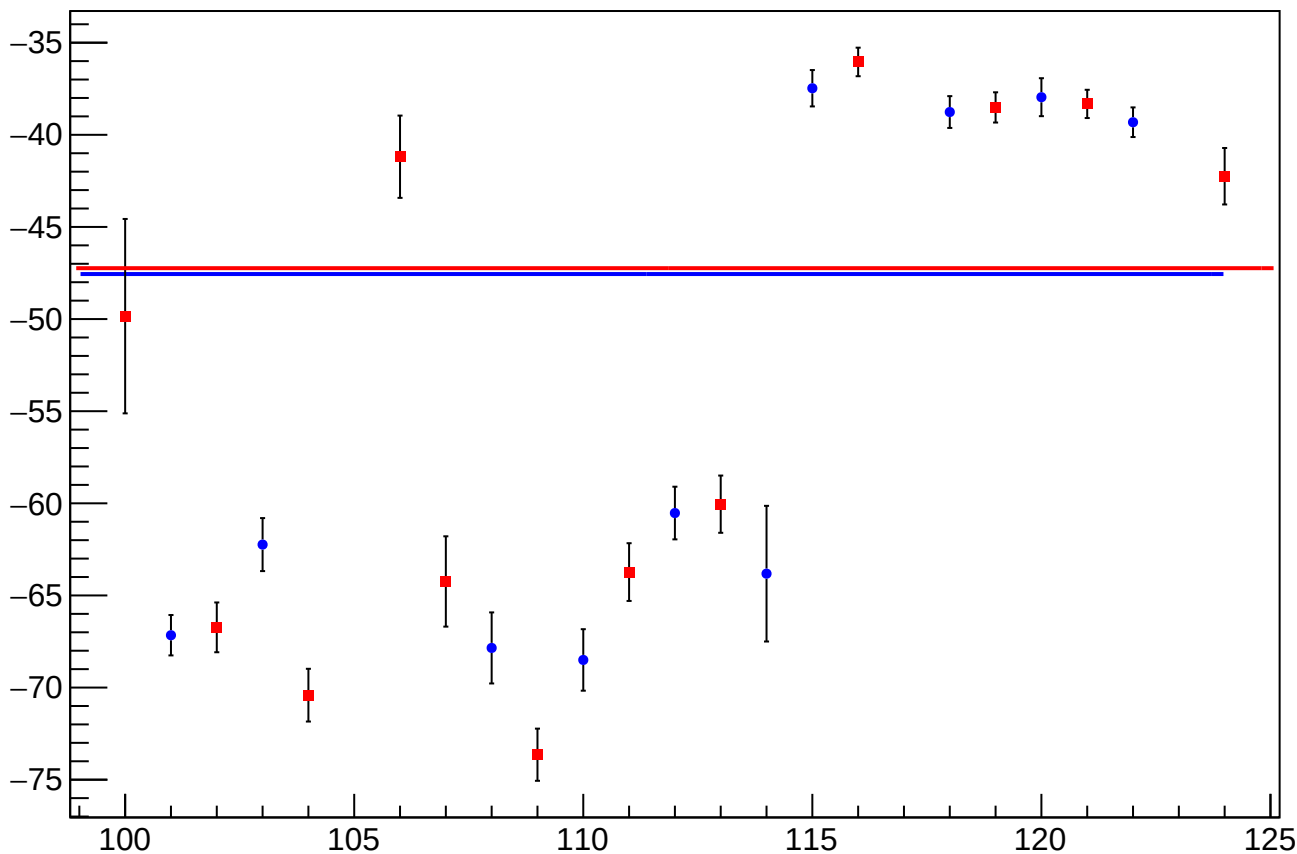
Right: 0.762+/-0.218 χ^2/NDF : 4930.7/21

In: 1.401+/-0.301 χ^2/NDF :2564.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.762+/-0.218 χ^2/NDF : 4930.7/21

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -47.557+/-0.368 χ^2/NDF : 1194.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.238+/-0.353 χ^2/NDF : 1520.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

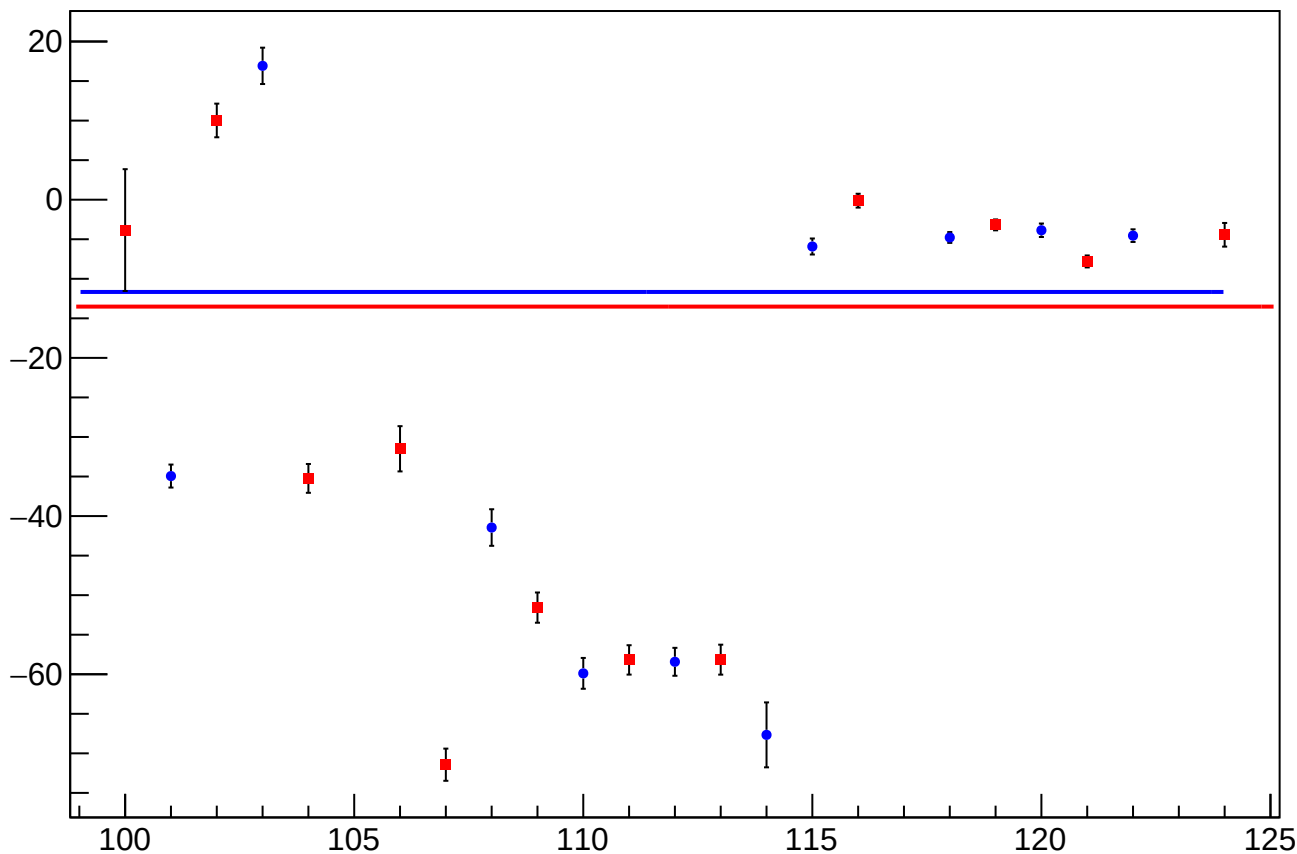
Right: -47.390+/-0.255 χ^2/NDF : 2714.9/21

In: -47.557+/-0.368 χ^2/NDF : 1194.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.390+/-0.255 χ^2/NDF : 2714.9/21

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.664 ± 0.364 χ^2/NDF : 2372.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.516 ± 0.369 χ^2/NDF : 3197.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

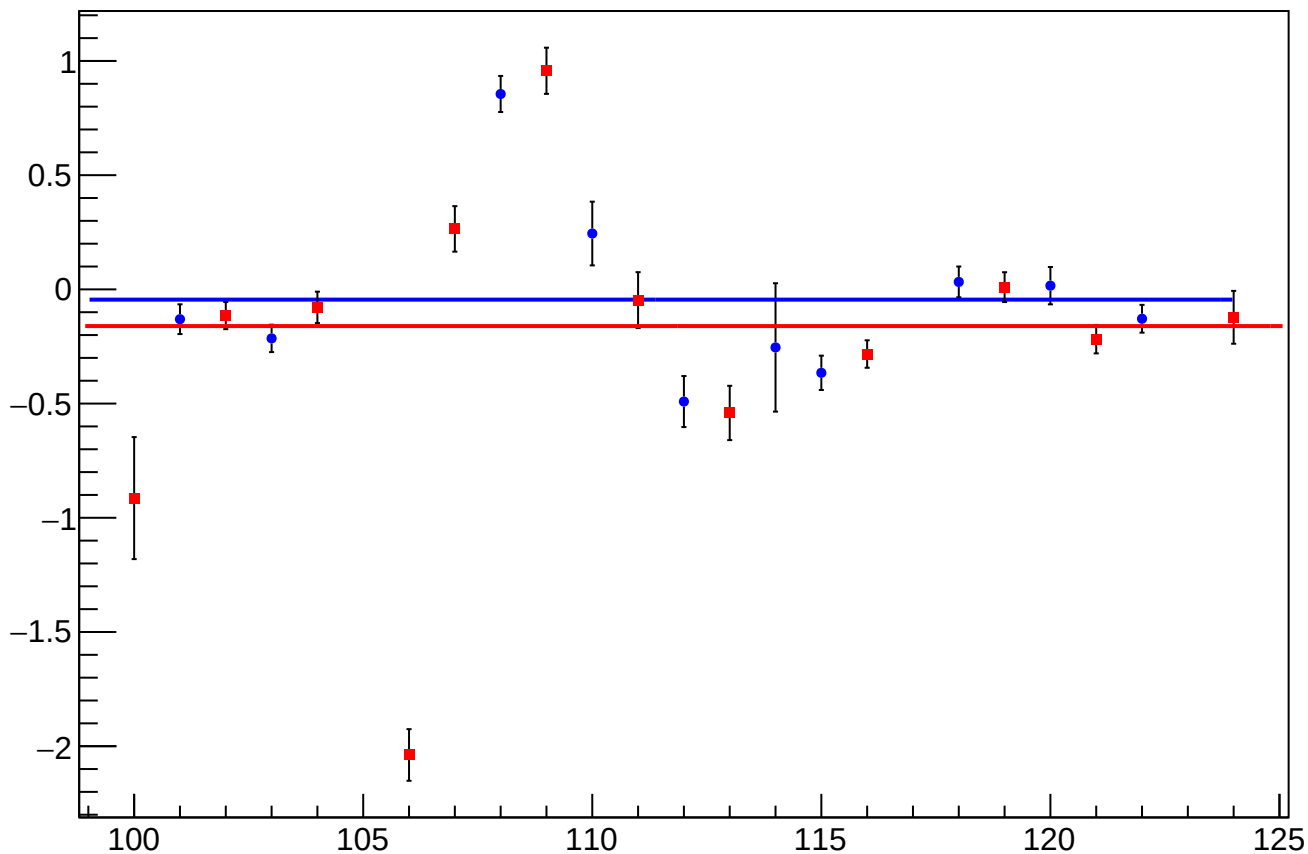
Right: -12.577 ± 0.259 χ^2/NDF : 5583.2/21

In: -11.664 ± 0.364 χ^2/NDF : 2372.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.577 ± 0.259 χ^2/NDF : 5583.2/21

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.045+/-0.025 χ^2/NDF : 182.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.161+/-0.024 χ^2/NDF : 449.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

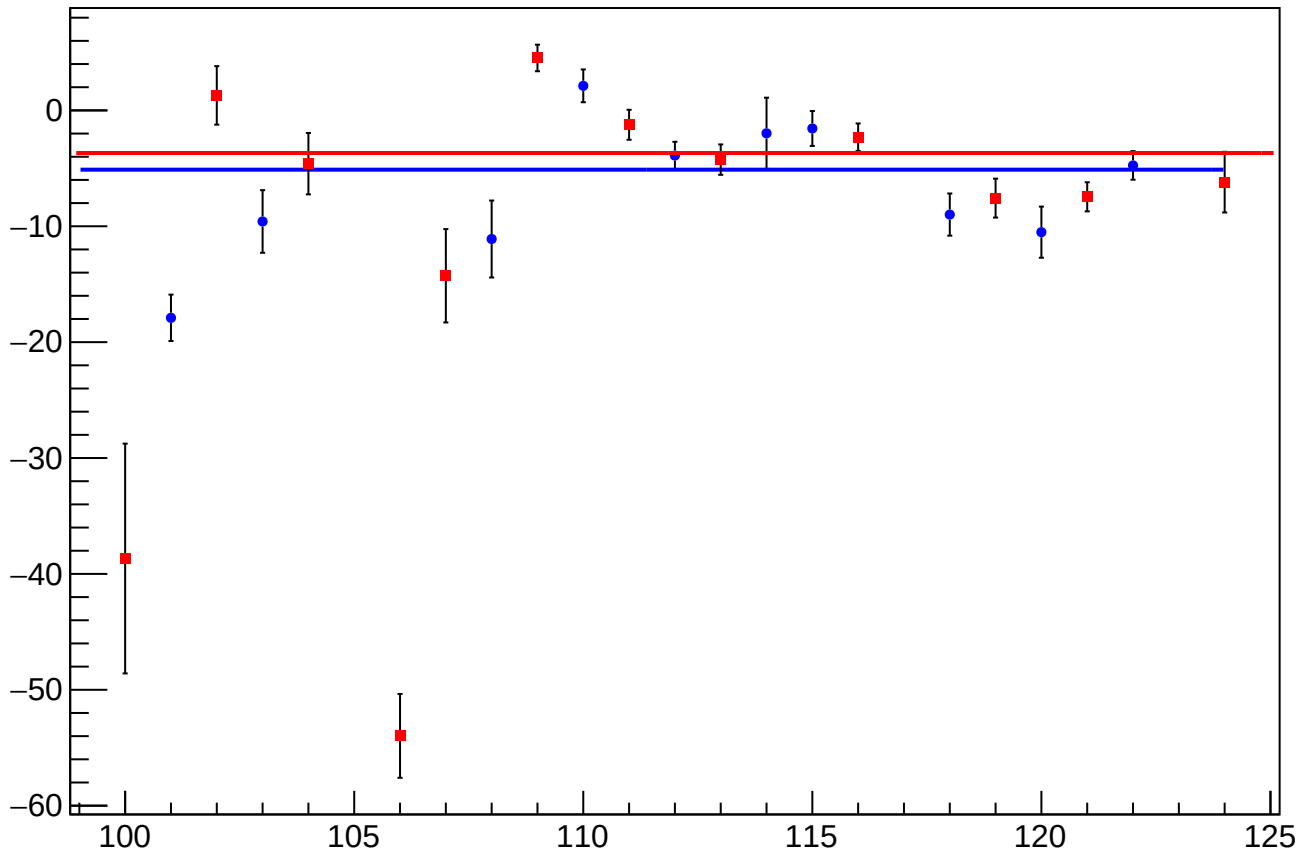
Right: -0.105+/-0.017 χ^2/NDF : 642.7/21

In: -0.045+/-0.025 χ^2/NDF : 182.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.105+/-0.017 χ^2/NDF : 642.7/21

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.115 $\pm$ 0.542 χ^2 /NDF: 91.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.678 $\pm$ 0.486 χ^2 /NDF: 288.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

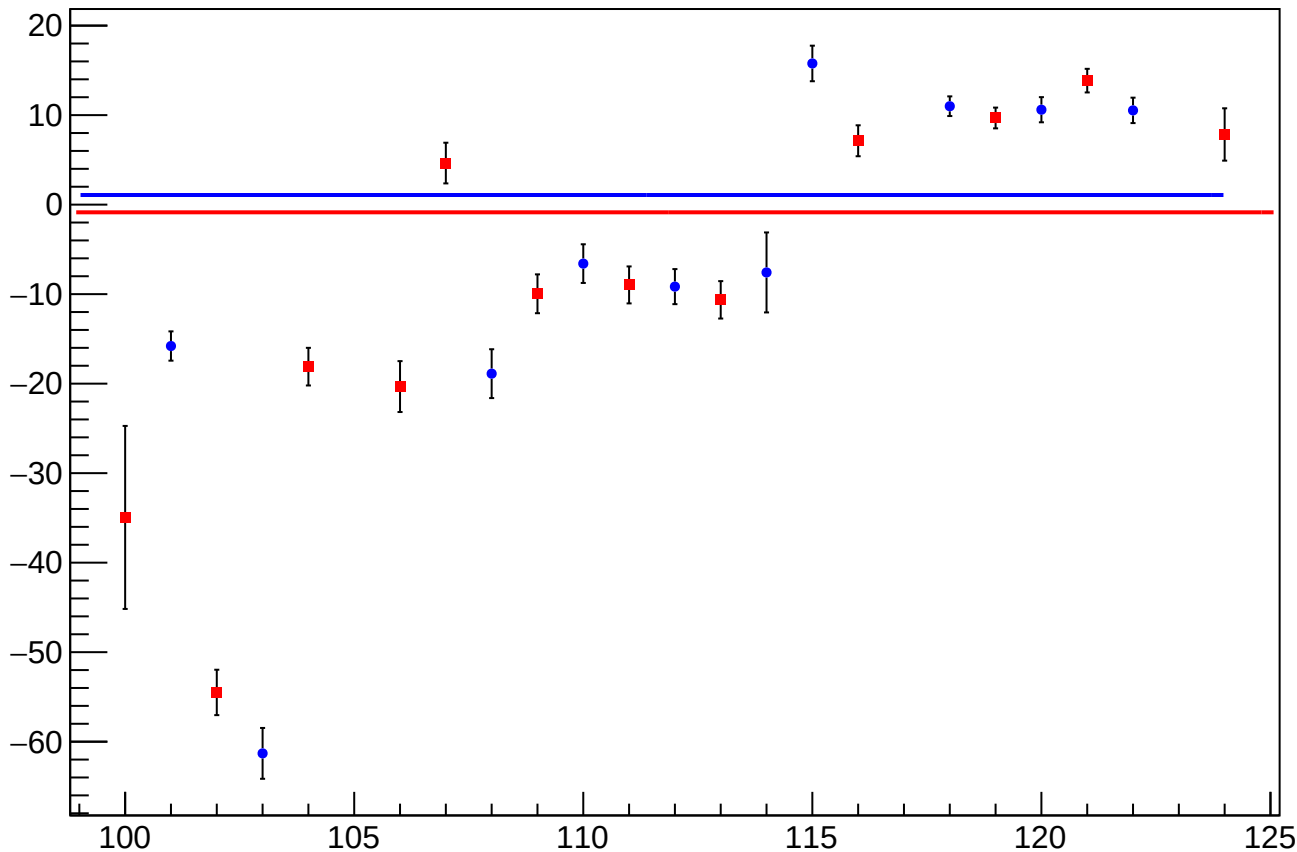
Right: -4.318 $\pm$ 0.362 χ^2 /NDF: 383.4/21

In: -5.115 $\pm$ 0.542 χ^2 /NDF:91.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.318 $\pm$ 0.362 χ^2 /NDF: 383.4/21

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.076+/-0.555 χ^2/NDF : 912.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.859+/-0.563 χ^2/NDF : 870.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

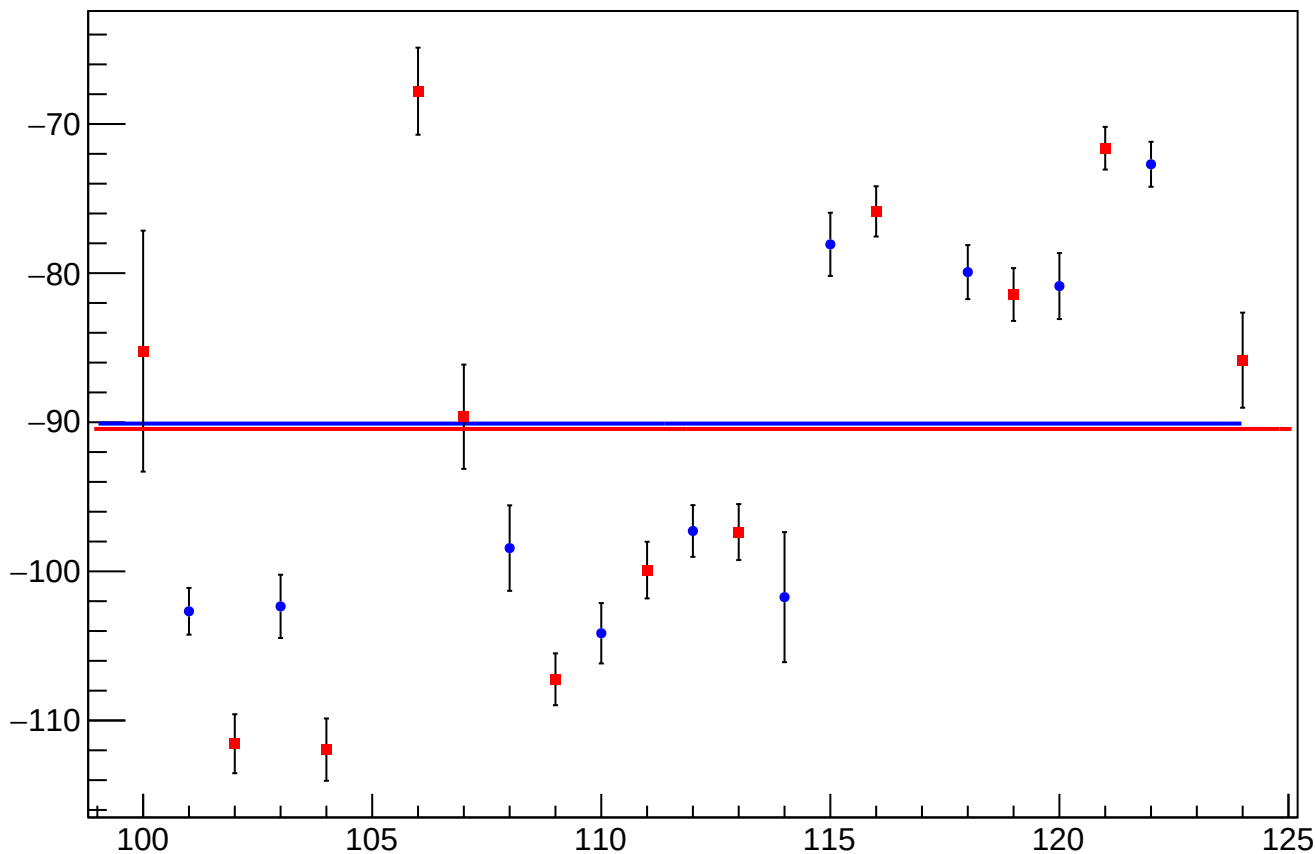
Right: 0.122+/-0.395 χ^2/NDF : 1788.8/21

In: 1.076+/-0.555 χ^2/NDF : 912.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.122+/-0.395 χ^2/NDF : 1788.8/21

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.089+/-0.626 χ^2/NDF : 393.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -90.449+/-0.593 χ^2/NDF : 687.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

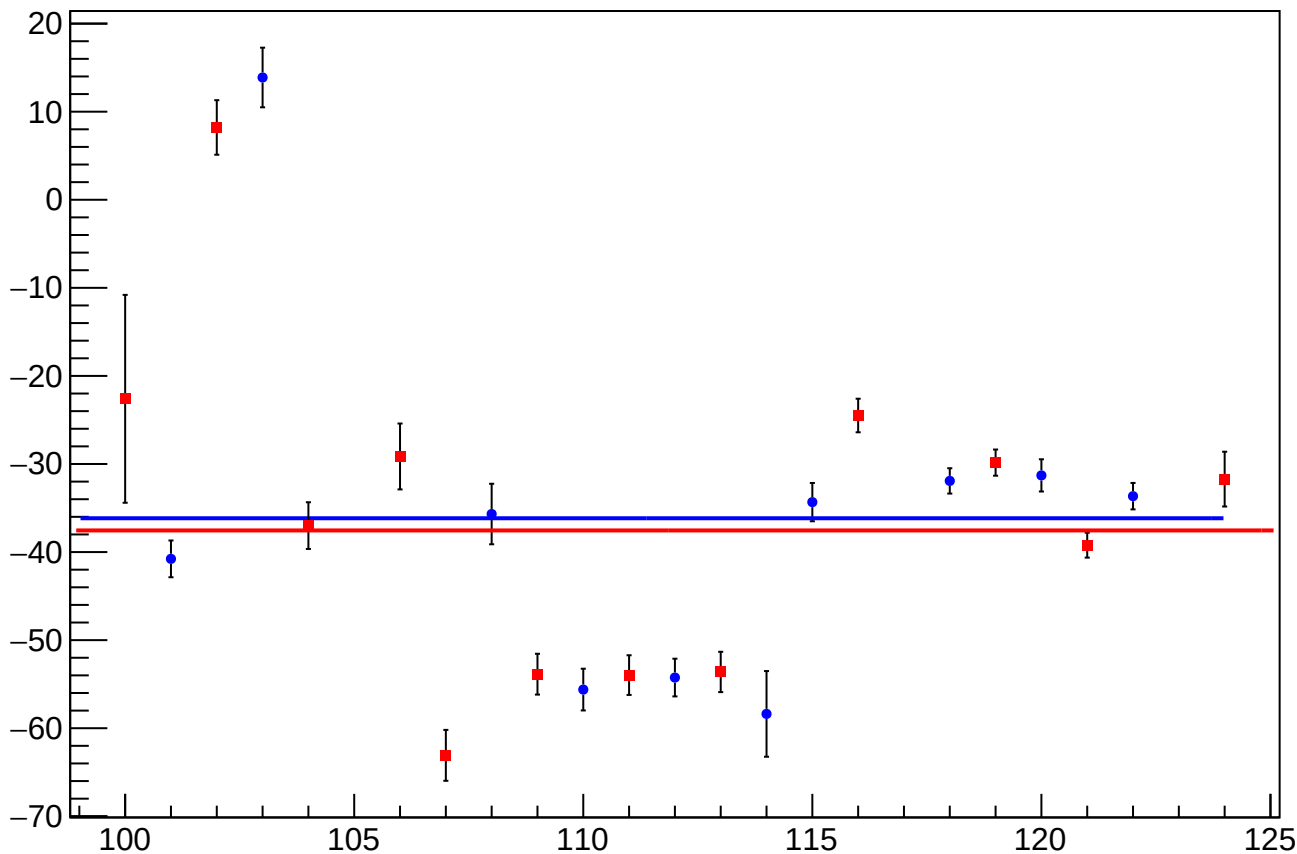
Right: -90.279+/-0.430 χ^2/NDF : 1080.8/21

In: -90.089+/-0.626 χ^2/NDF : 393.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.279+/-0.430 χ^2/NDF : 1080.8/21

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.161 $\pm$ 0.663 χ^2 /NDF: 402.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -37.544 $\pm$ 0.652 χ^2 /NDF: 533.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

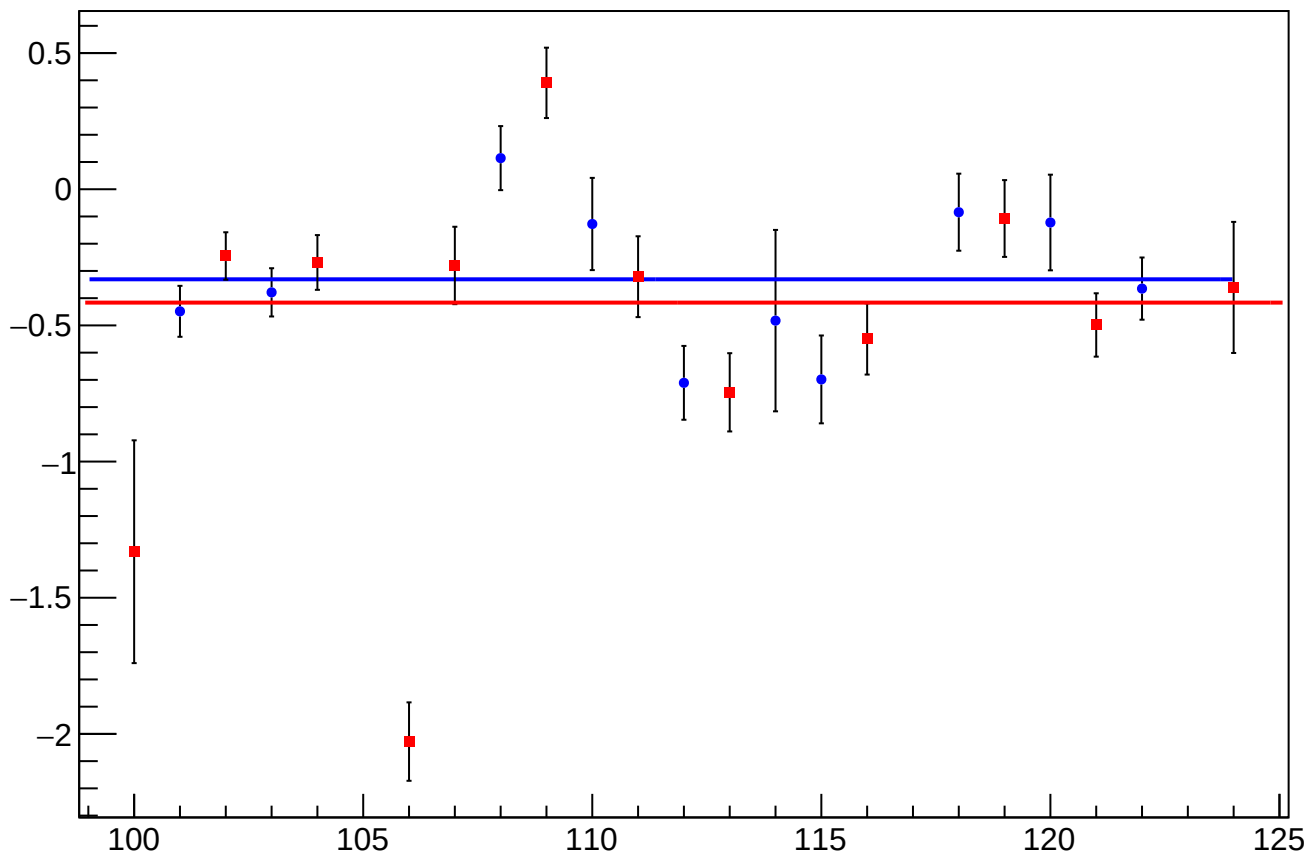
Right: -36.863 $\pm$ 0.465 χ^2 /NDF: 938.4/21

In: -36.161 $\pm$ 0.663 χ^2 /NDF:402.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.863 $\pm$ 0.465 χ^2 /NDF: 938.4/21

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.331 ± 0.040 χ^2/NDF : 35.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.416 ± 0.038 χ^2/NDF : 188.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

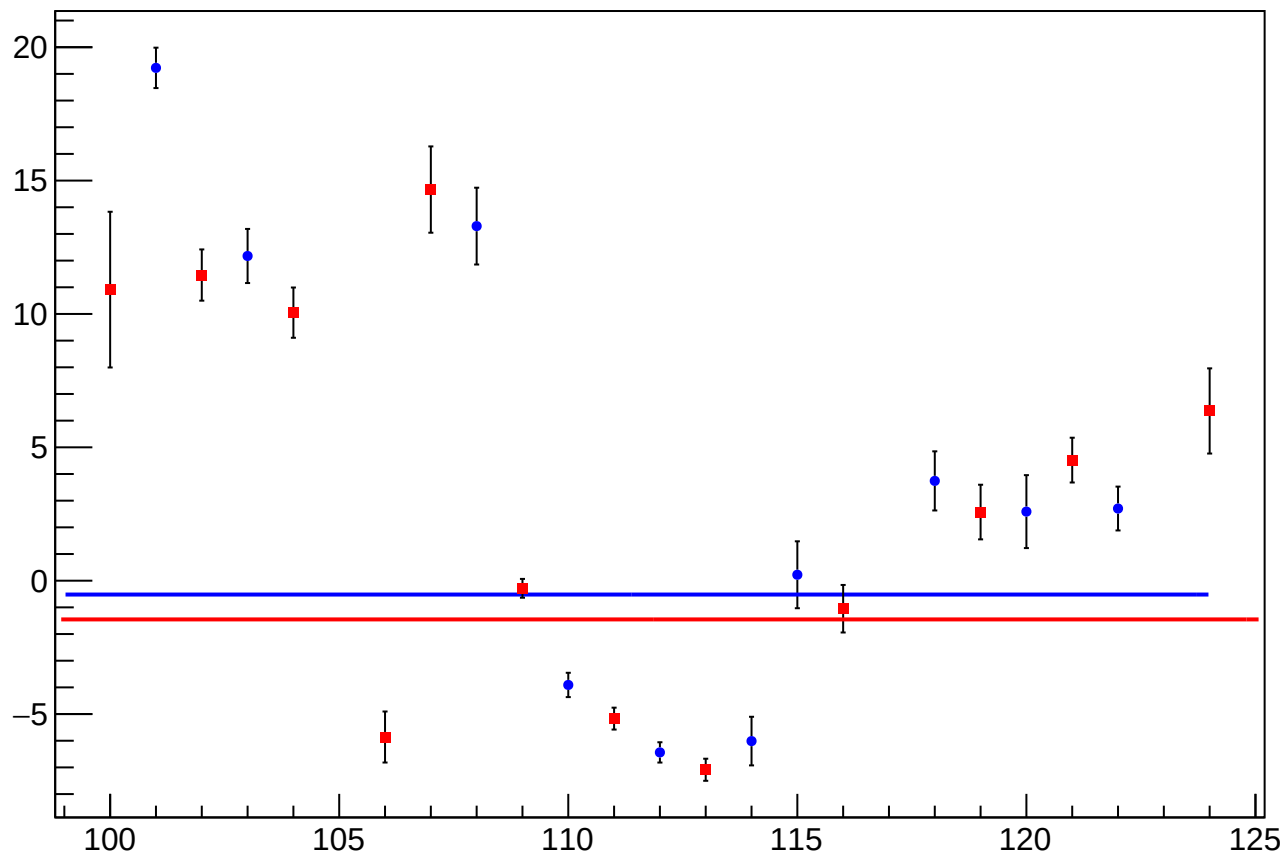
Right: -0.376 ± 0.028 χ^2/NDF : 226.1/21

In: -0.331 ± 0.040 χ^2/NDF : 35.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.376 ± 0.028 χ^2/NDF : 226.1/21

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.519+/-0.226 χ^2/NDF : 1297.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.452+/-0.190 χ^2/NDF : 836.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

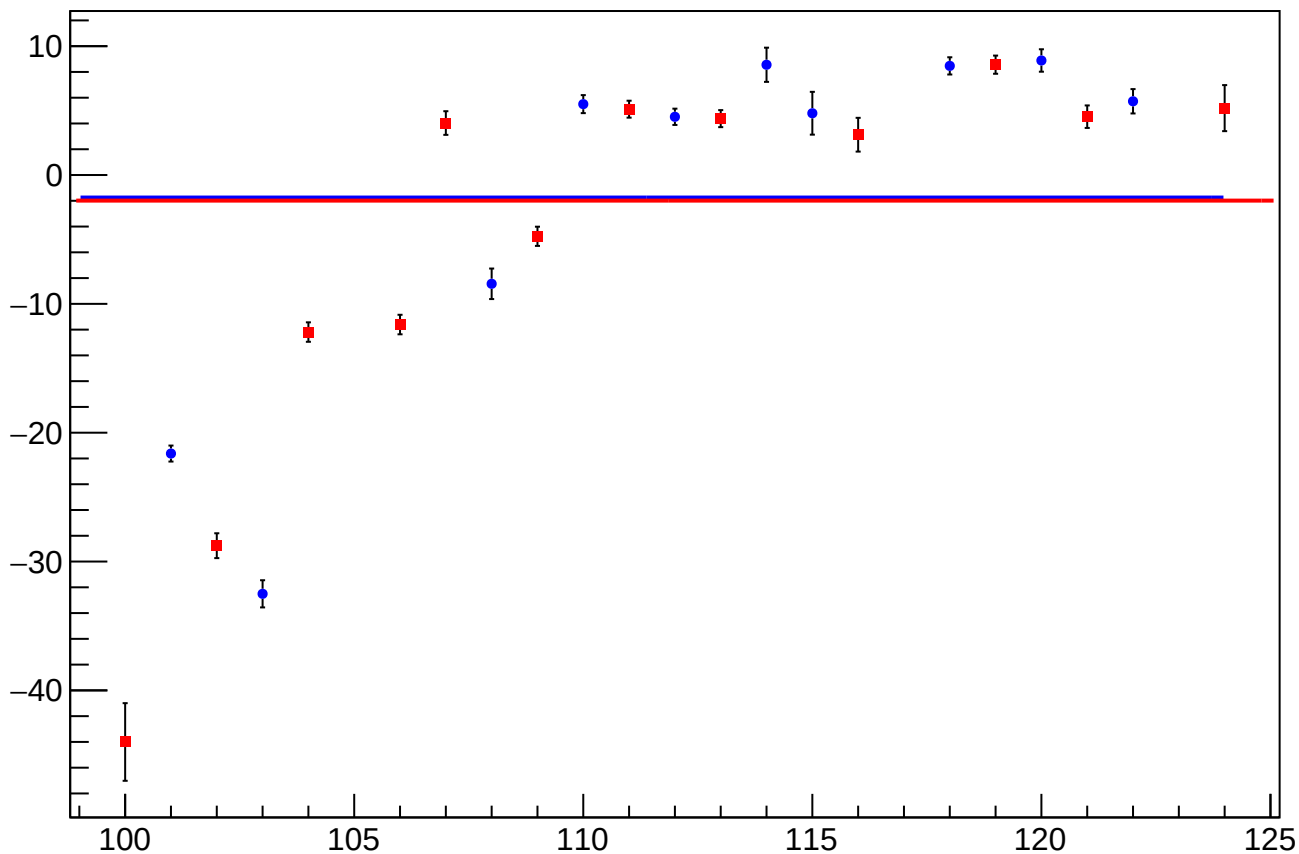
Right: -1.065+/-0.146 χ^2/NDF : 2144.2/21

In: -0.519+/-0.226 χ^2/NDF : 1297.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.065+/-0.146 χ^2/NDF : 2144.2/21

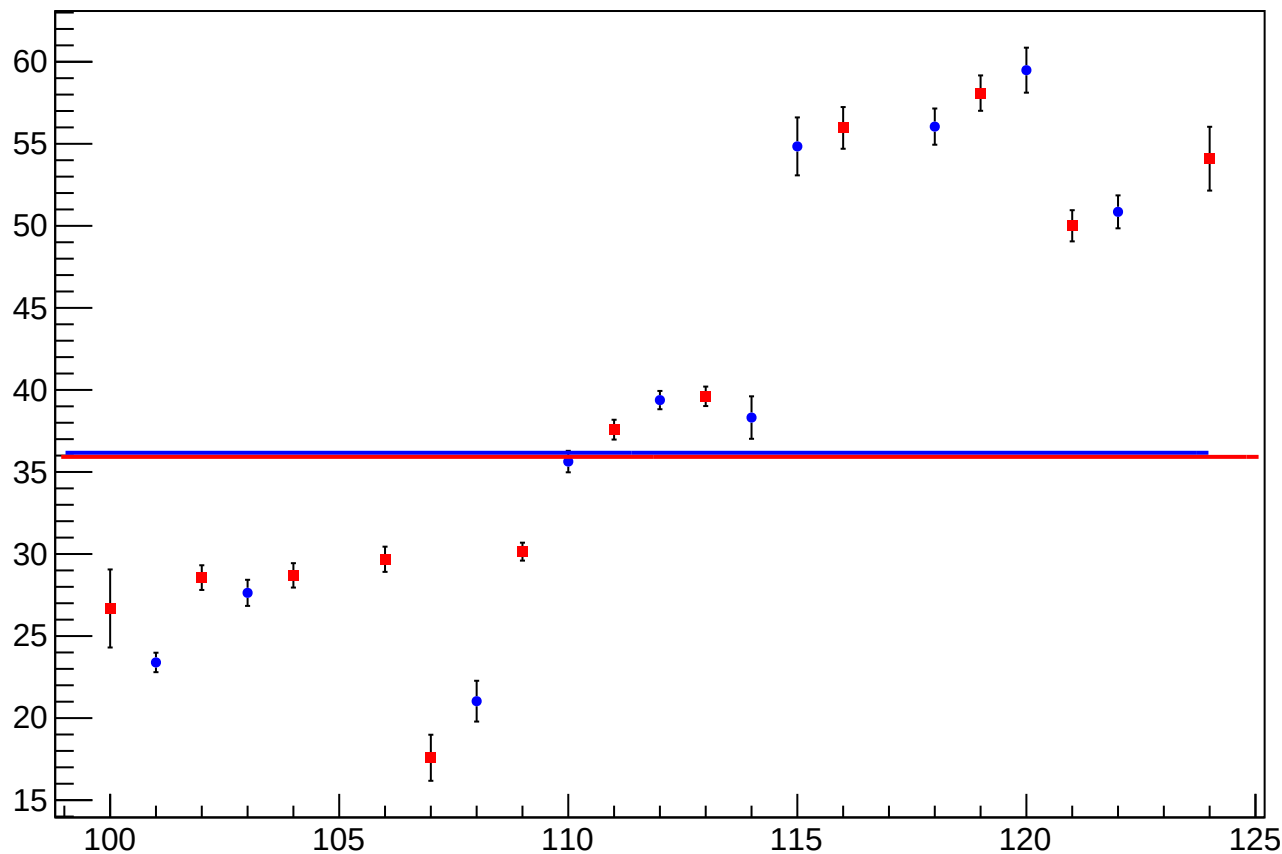
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.749+/-0.264 χ^2 /NDF: 2634.5/9
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -1.986+/-0.246 χ^2 /NDF: 1886.8/11
 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+/-0.180 χ^2 /NDF: 4521.7/21
 In: -1.749+/-0.264 χ^2 /NDF:2634.5/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -1.876+/-0.180 χ^2 /NDF: 4521.7/21

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.170+/-0.268 χ^2/NDF : 1703.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.921+/-0.237 χ^2/NDF : 1578.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

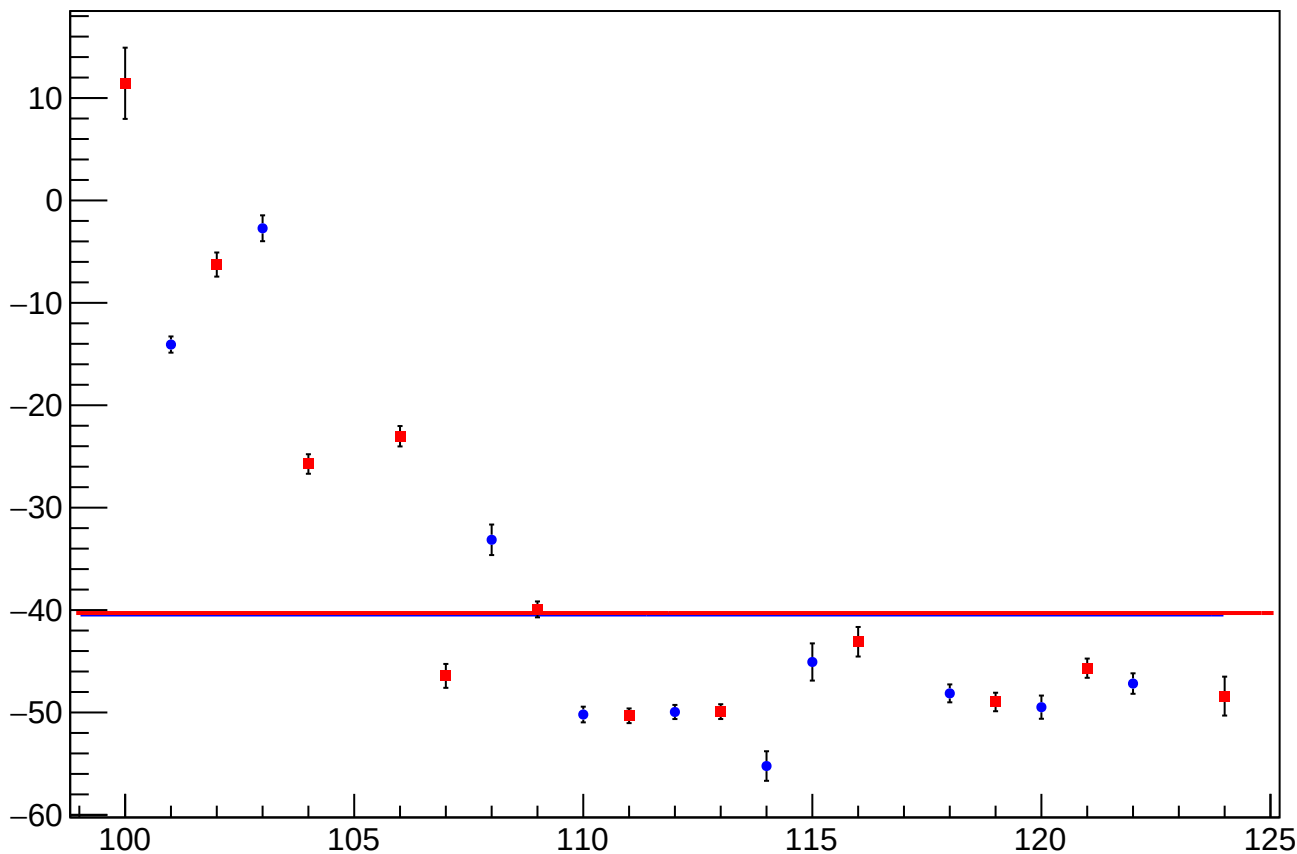
Right: 36.030+/-0.178 χ^2/NDF : 3282.8/21

In: 36.170+/-0.268 χ^2/NDF : 1703.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.030+/-0.178 χ^2/NDF : 3282.8/21

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -40.433+/-0.311 χ^2/NDF : 2677.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.288+/-0.285 χ^2/NDF : 2139.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

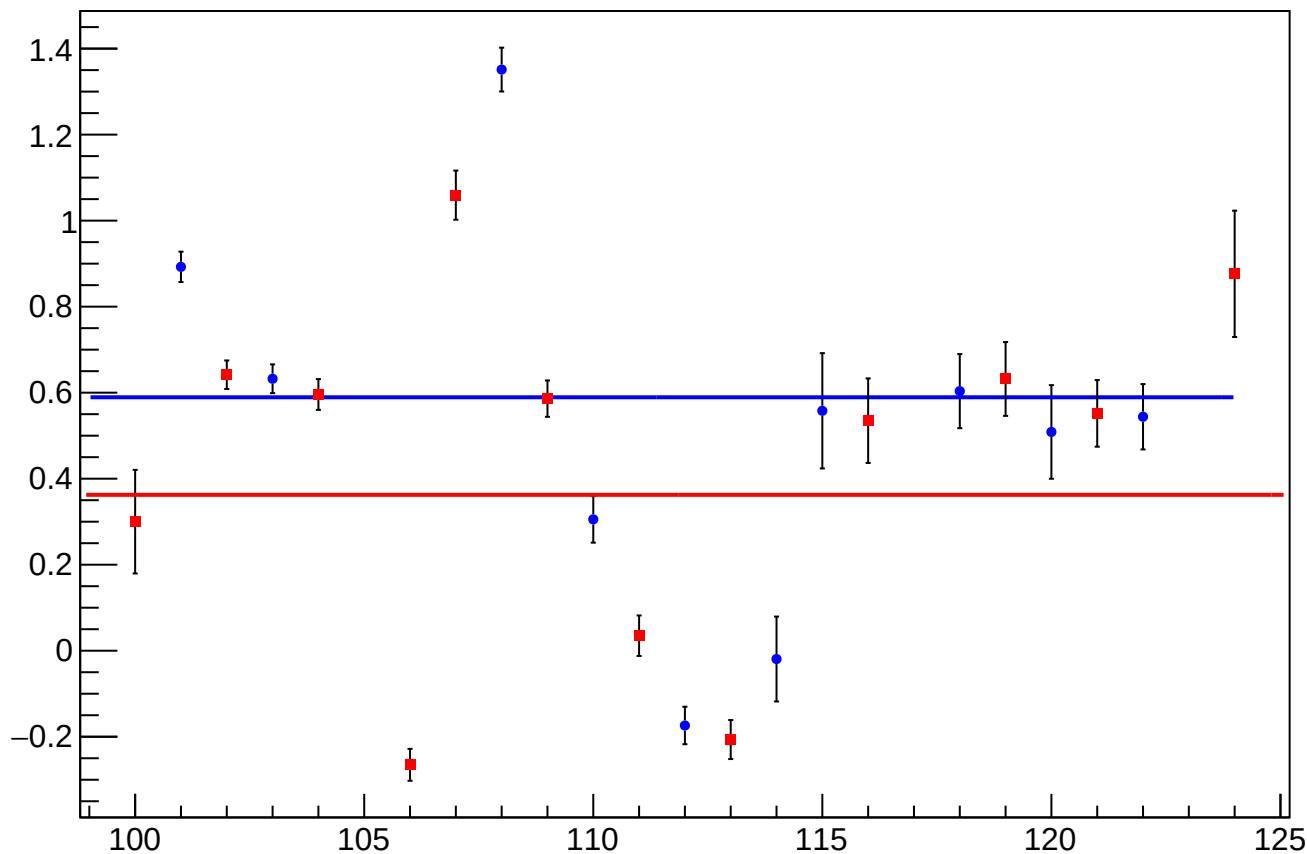
Right: -40.354+/-0.210 χ^2/NDF : 4817.4/21

In: -40.433+/-0.311 χ^2/NDF : 2677.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.354+/-0.210 χ^2/NDF : 4817.4/21

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.589+/-0.017 χ^2/NDF : 672.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.362+/-0.015 χ^2/NDF : 813.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

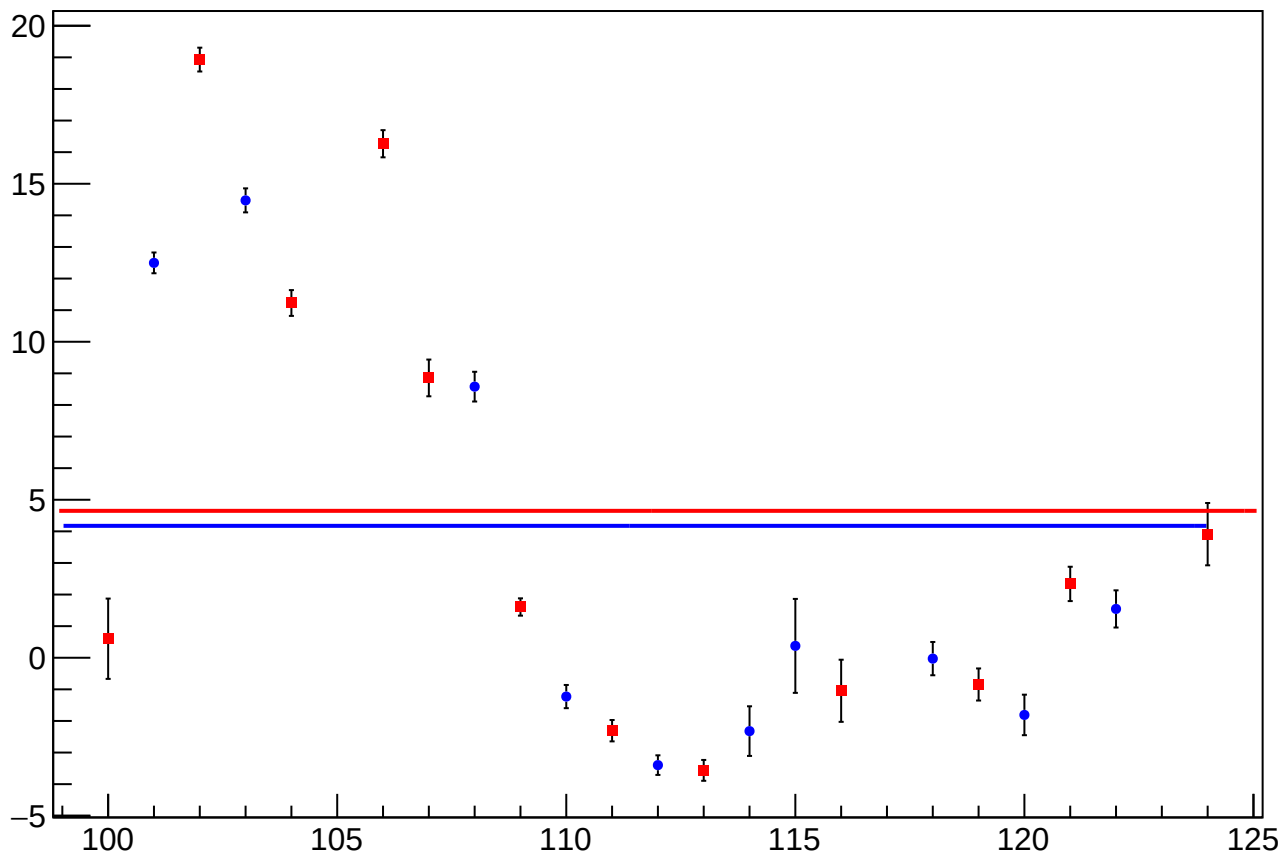
Right: 0.459+/-0.011 χ^2/NDF : 1589.1/21

In: 0.589+/-0.017 χ^2/NDF : 672.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.459+/-0.011 χ^2/NDF : 1589.1/21

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.175+/-0.142 χ^2/NDF : 2521.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.649+/-0.126 χ^2/NDF : 3823.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

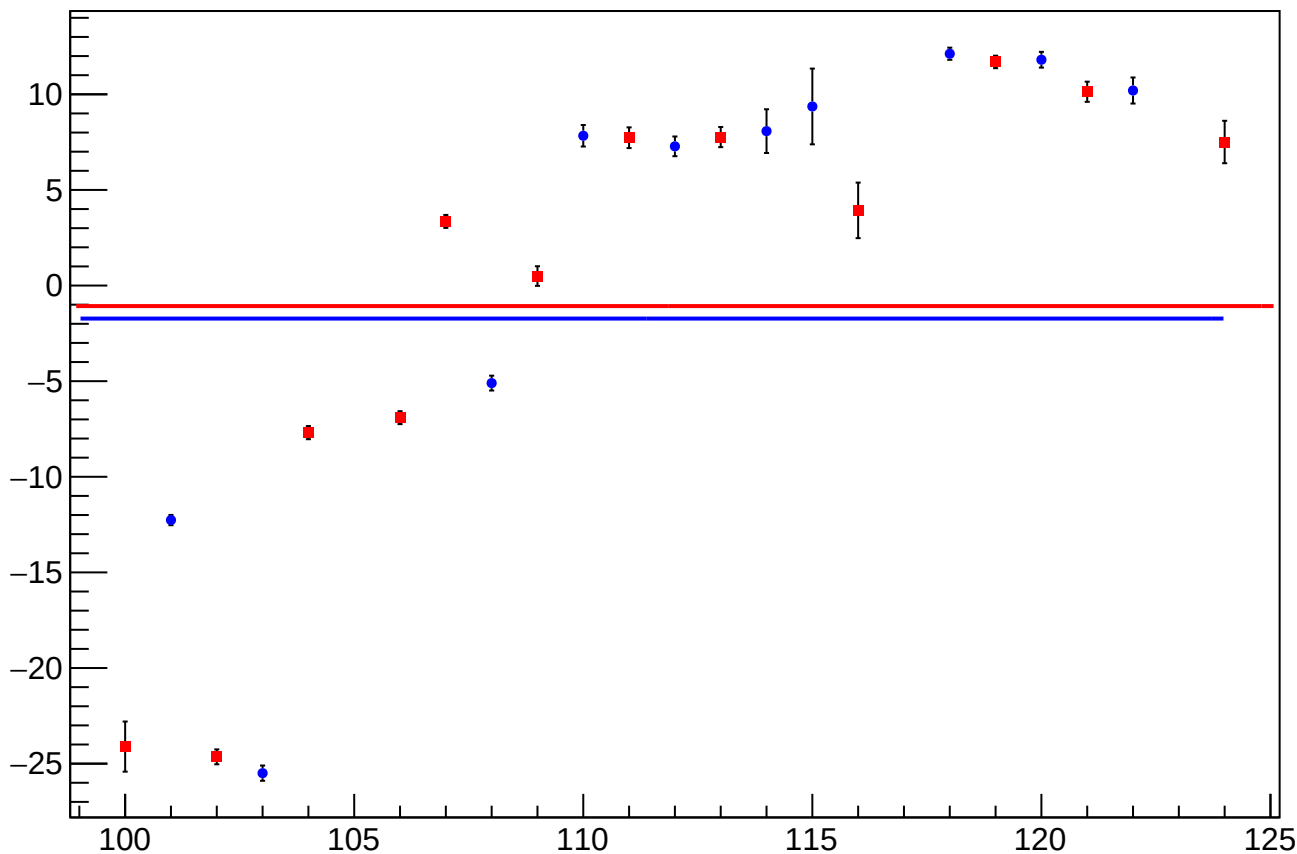
Right: 4.440+/-0.094 χ^2/NDF : 6351.1/21

In: 4.175+/-0.142 χ^2/NDF : 2521.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.440+/-0.094 χ^2/NDF : 6351.1/21

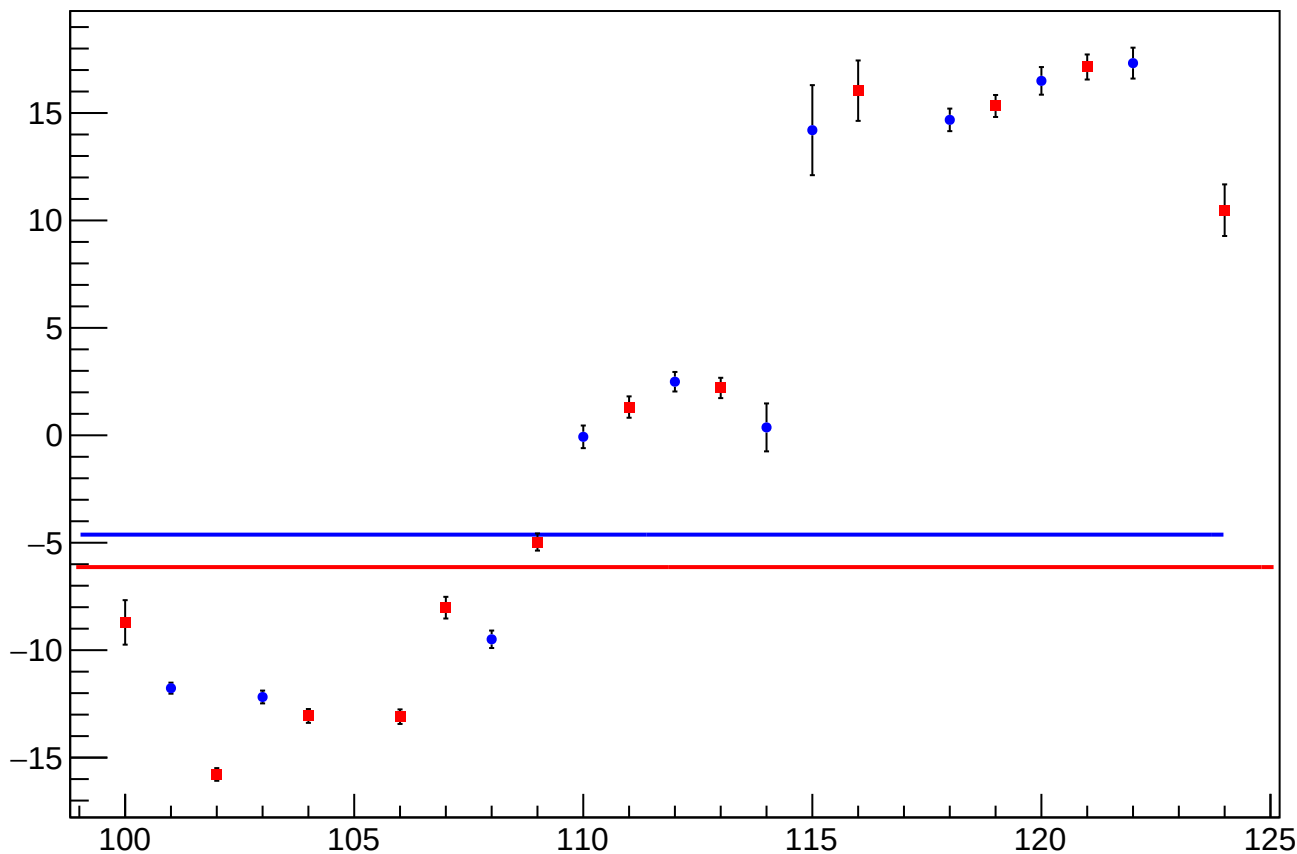
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.726+/-0.138 χ^2/NDF : 9144.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -1.073+/-0.131 χ^2/NDF : 7414.2/11
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.384+/-0.095 χ^2/NDF : 16570.0/21
 In: -1.726+/-0.138 χ^2/NDF :9144.0/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.384+/-0.095 χ^2/NDF : 16570.0/21

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.623+/-0.142 χ^2/NDF : 5343.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.133+/-0.132 χ^2/NDF : 6308.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

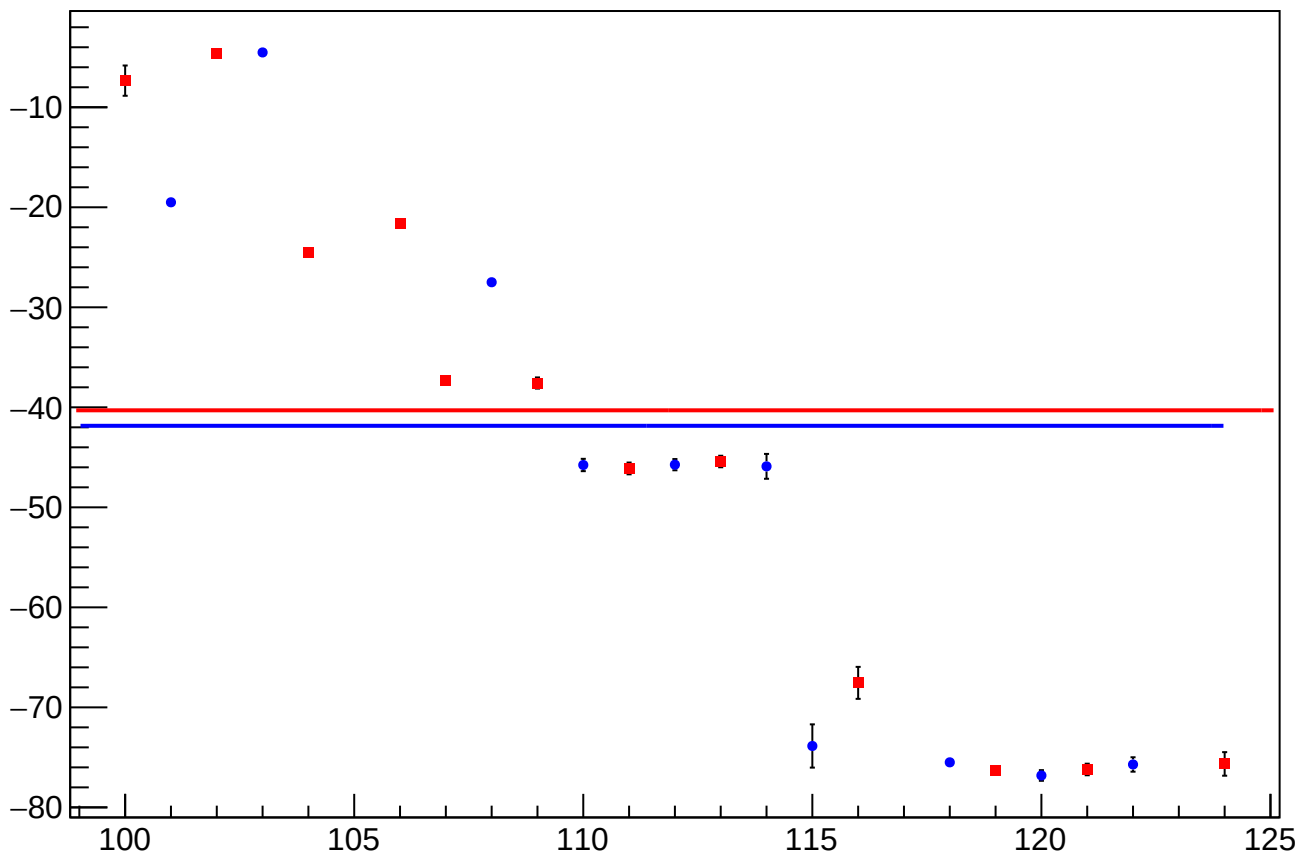
Right: -5.431+/-0.097 χ^2/NDF : 11712.3/21

In: -4.623+/-0.142 χ^2/NDF :5343.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.431+/-0.097 χ^2/NDF : 11712.3/21

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -41.848 $\pm$ 0.169 χ^2 /NDF: 24668.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.300 $\pm$ 0.159 χ^2 /NDF: 21969.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

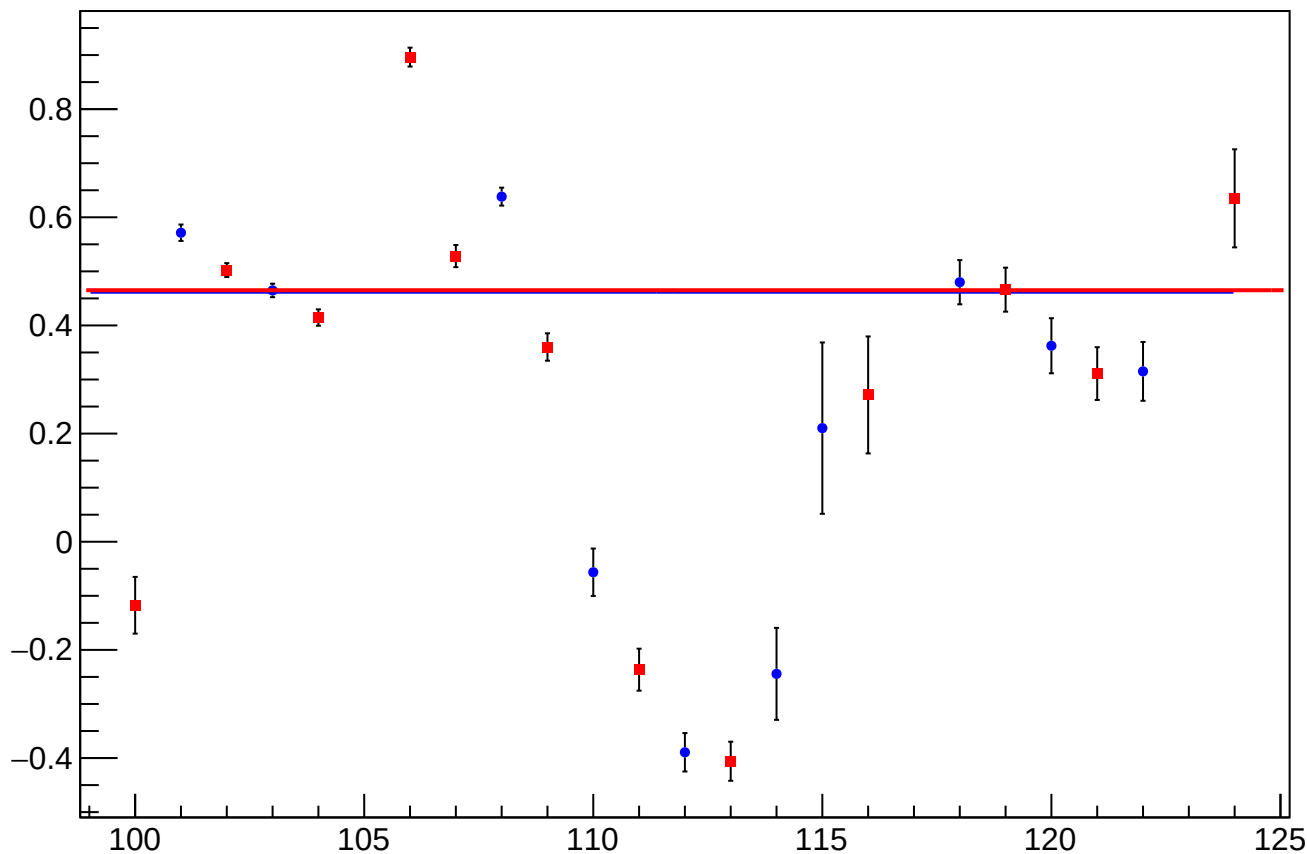
Right: -41.026 $\pm$ 0.116 χ^2 /NDF: 46682.4/21

In: -41.848 $\pm$ 0.169 χ^2 /NDF:24668.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.026 $\pm$ 0.116 χ^2 /NDF: 46682.4/21

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.462 $\pm$ 0.008 χ^2 /NDF: 962.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.465 $\pm$ 0.007 χ^2 /NDF: 1702.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

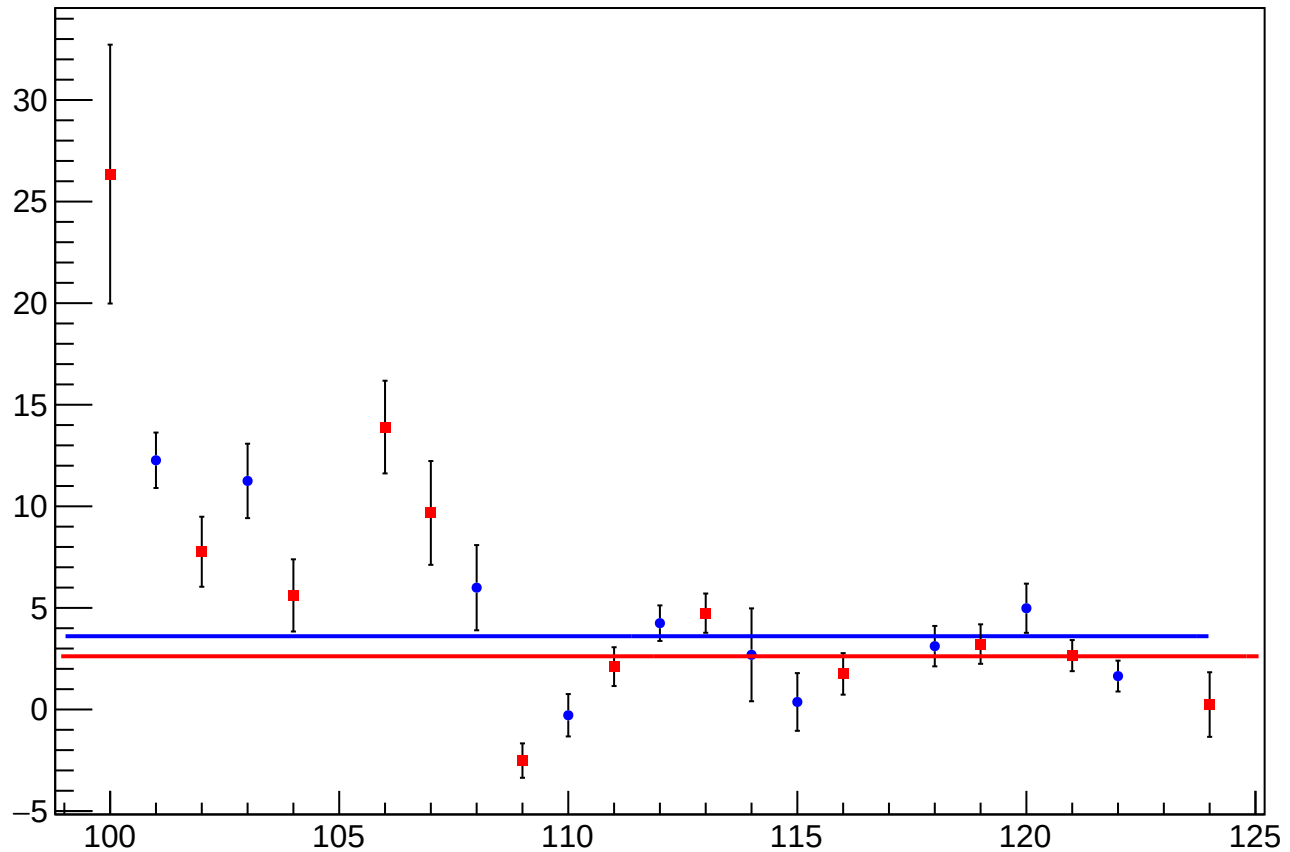
Right: 0.464 $\pm$ 0.005 χ^2 /NDF: 2665.6/21

In: 0.462 $\pm$ 0.008 χ^2 /NDF:962.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.464 $\pm$ 0.005 χ^2 /NDF: 2665.6/21

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.606+/-0.367 χ^2/NDF : 87.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.619+/-0.339 χ^2/NDF : 102.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

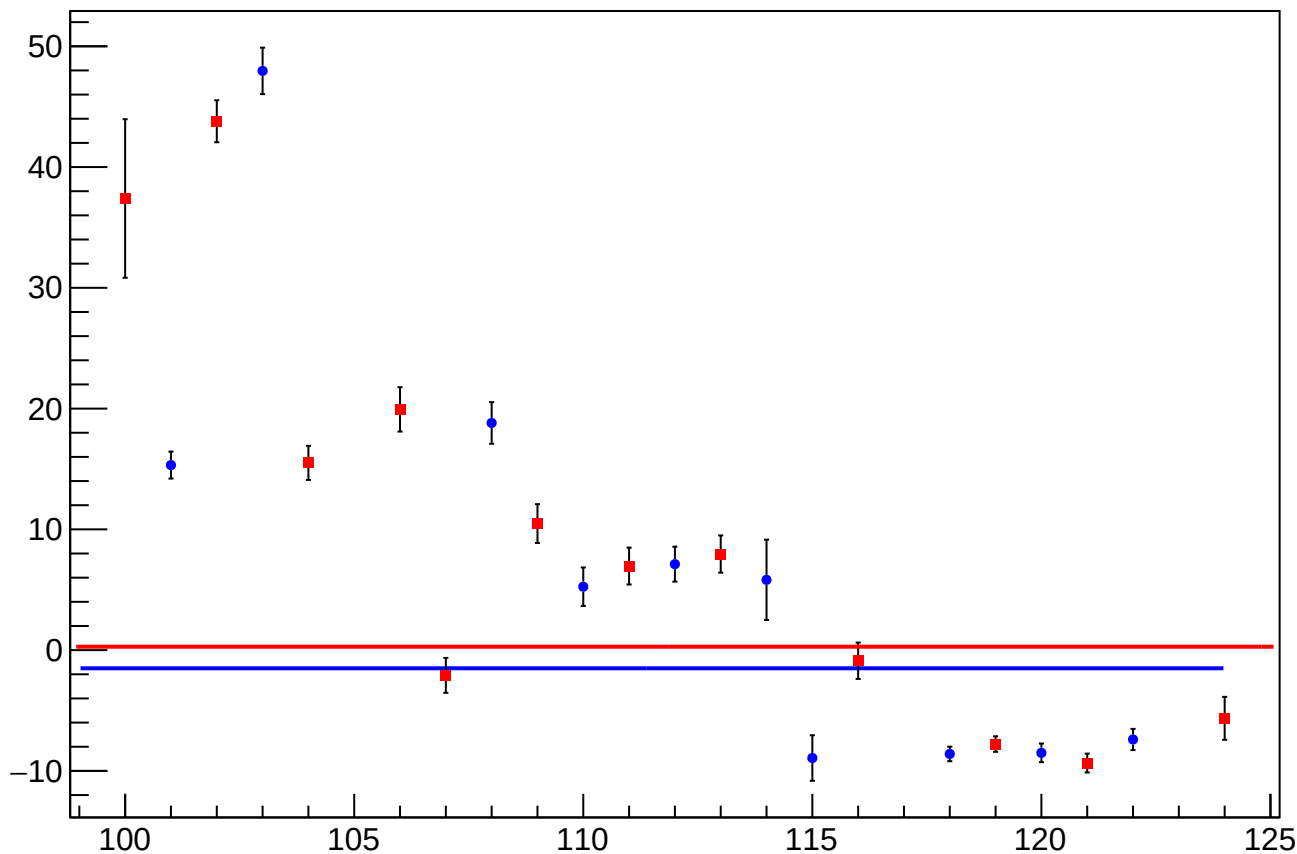
Right: 3.073+/-0.249 χ^2/NDF : 193.9/21

In: 3.606+/-0.367 χ^2/NDF :87.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.073+/-0.249 χ^2/NDF : 193.9/21

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.503 $\pm$ 0.345 χ^2 /NDF: 1368.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.284 $\pm$ 0.361 χ^2 /NDF: 1296.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

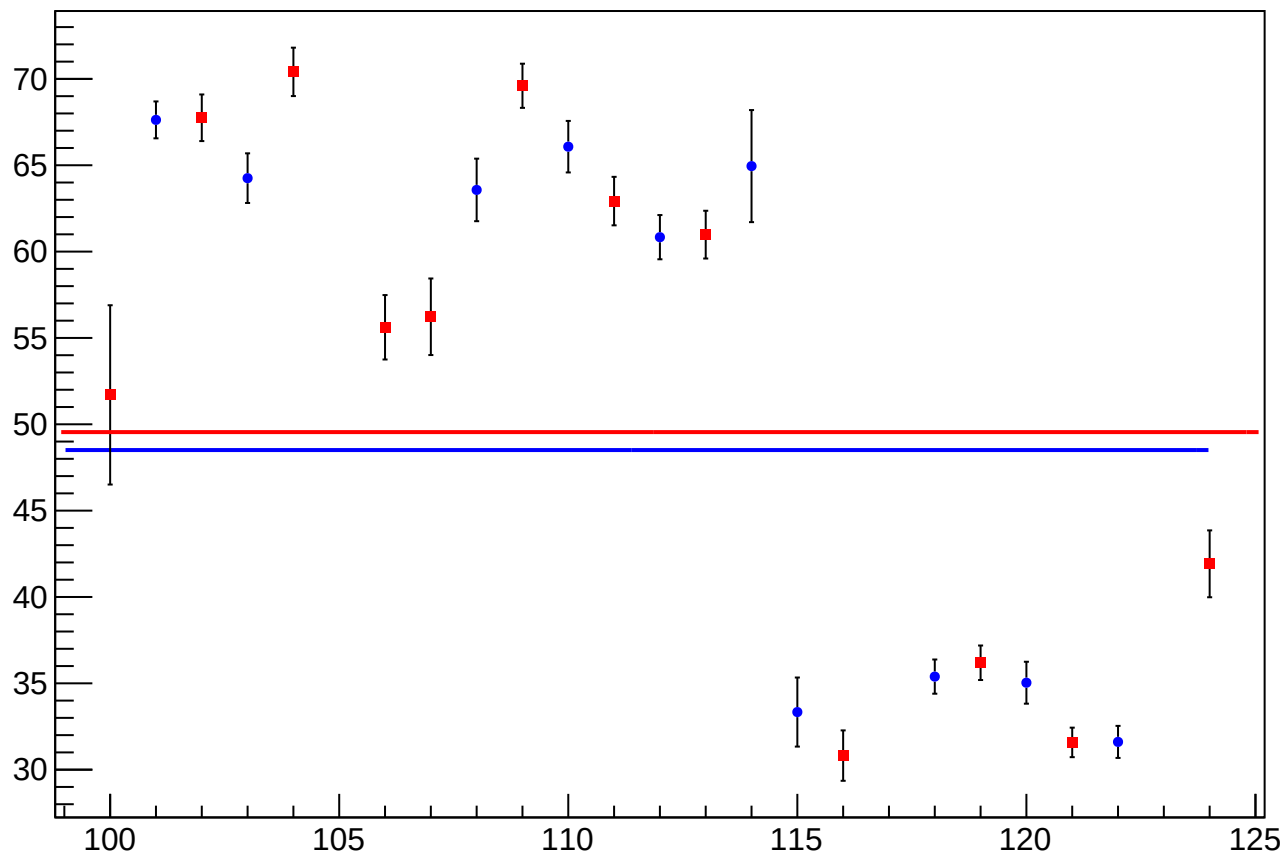
Right: -0.650 $\pm$ 0.249 χ^2 /NDF: 2677.8/21

In: -1.503 $\pm$ 0.345 χ^2 /NDF:1368.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.650 $\pm$ 0.249 χ^2 /NDF: 2677.8/21

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 48.508 $\pm$ 0.411 χ^2 /NDF: 1454.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.548 $\pm$ 0.397 χ^2 /NDF: 1629.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

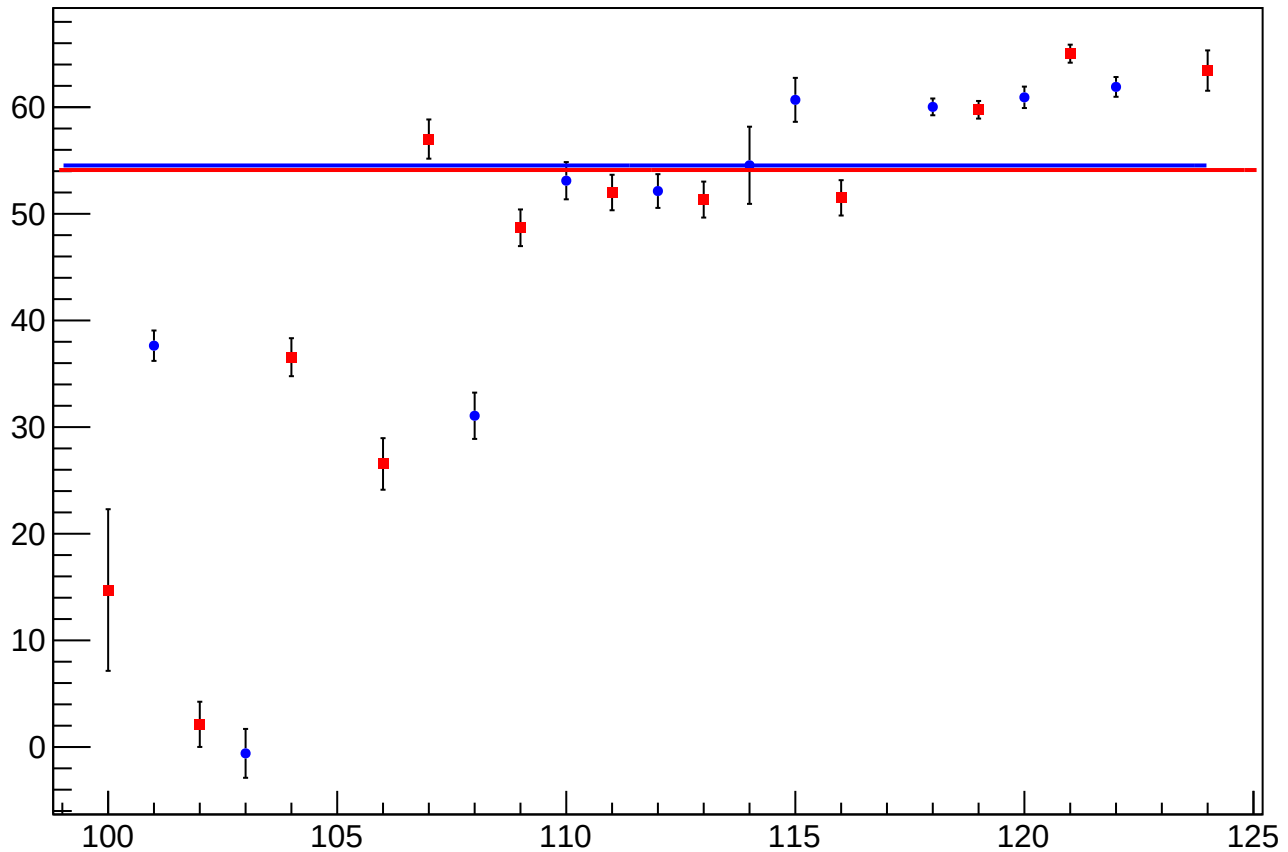
Right: 49.045 $\pm$ 0.286 χ^2 /NDF: 3087.4/21

In: 48.508 $\pm$ 0.411 χ^2 /NDF:1454.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.045 $\pm$ 0.286 χ^2 /NDF: 3087.4/21

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.534 $\pm$ 0.419 χ^2 /NDF: 1000.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.107 $\pm$ 0.423 χ^2 /NDF: 1112.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

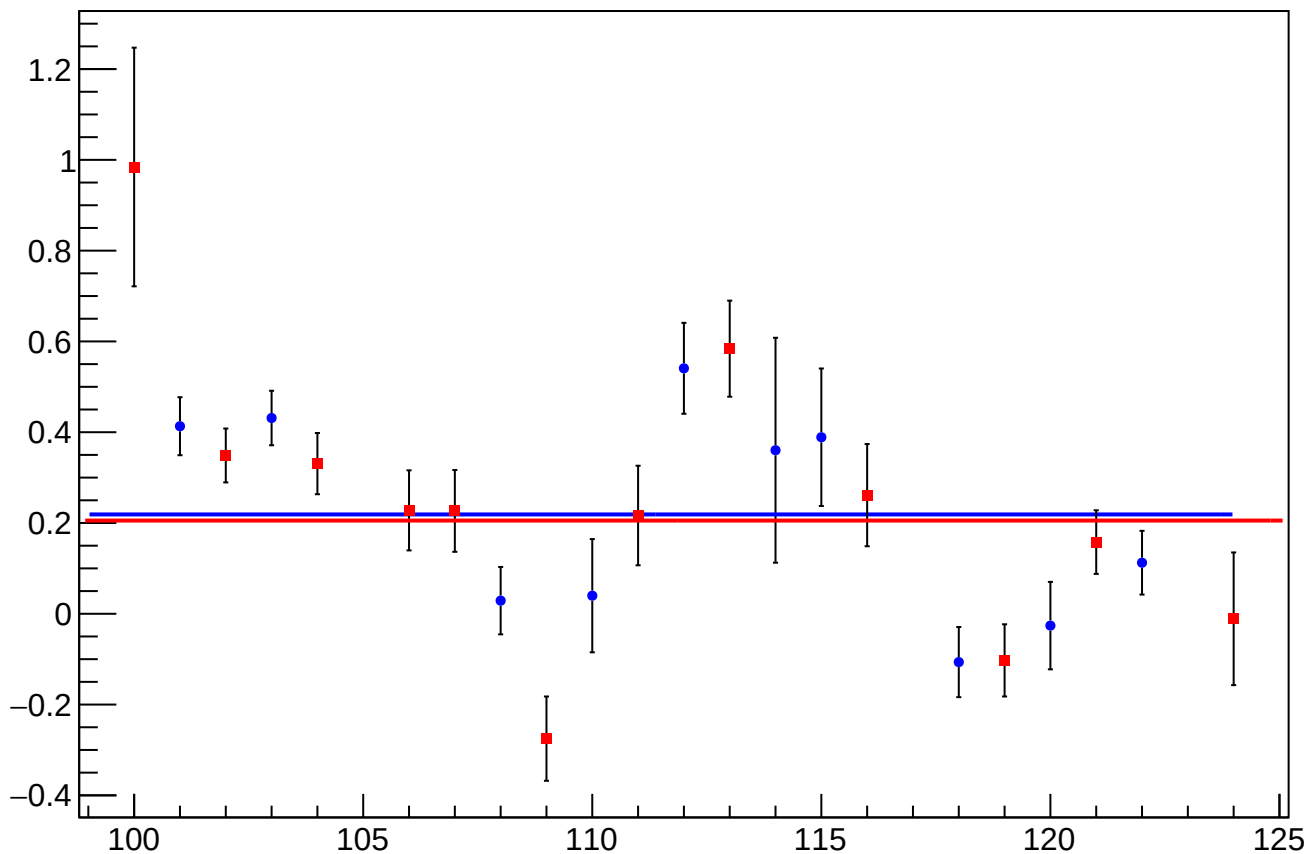
Right: 54.323 $\pm$ 0.298 χ^2 /NDF: 2113.5/21

In: 54.534 $\pm$ 0.419 χ^2 /NDF:1000.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.323 $\pm$ 0.298 χ^2 /NDF: 2113.5/21

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.219+/-0.027 χ^2/NDF : 68.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.205+/-0.025 χ^2/NDF : 75.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

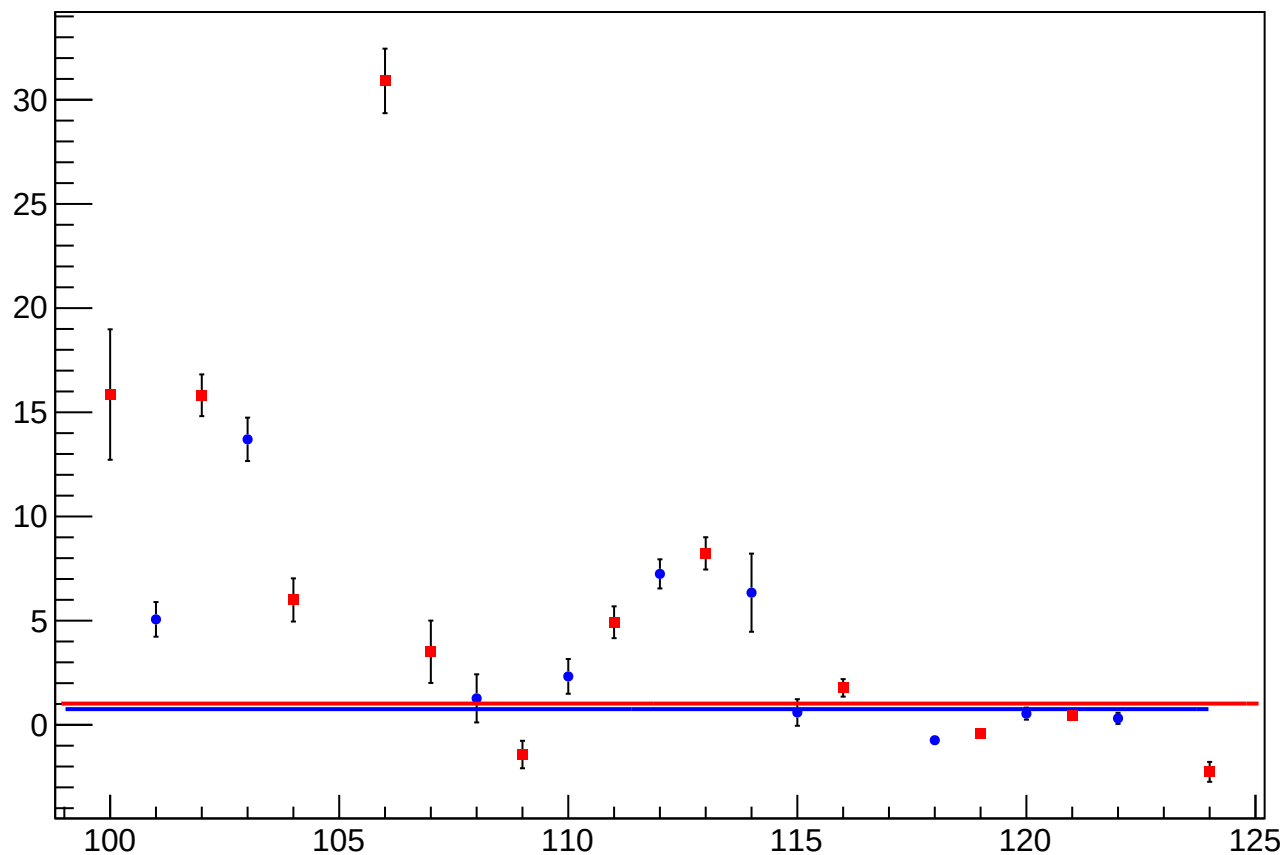
Right: 0.212+/-0.018 χ^2/NDF : 144.6/21

In: 0.219+/-0.027 χ^2/NDF : 68.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.212+/-0.018 χ^2/NDF : 144.6/21

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.754+/-0.137 χ^2/NDF : 323.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.021+/-0.134 χ^2/NDF : 860.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

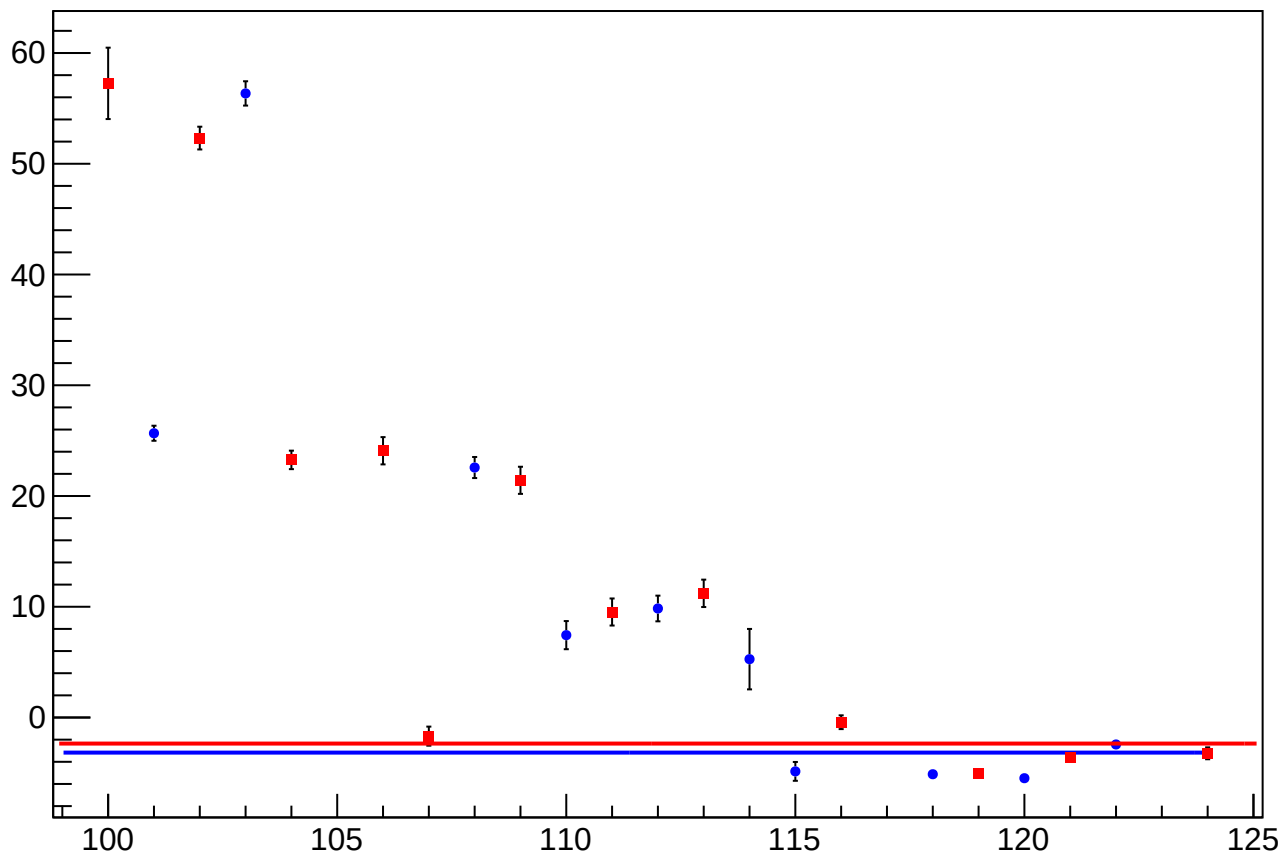
Right: 0.890+/-0.096 χ^2/NDF : 1185.4/21

In: 0.754+/-0.137 χ^2/NDF : 323.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.890+/-0.096 χ^2/NDF : 1185.4/21

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.169 ± 0.102 χ^2/NDF : 6031.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.353 ± 0.113 χ^2/NDF : 5540.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

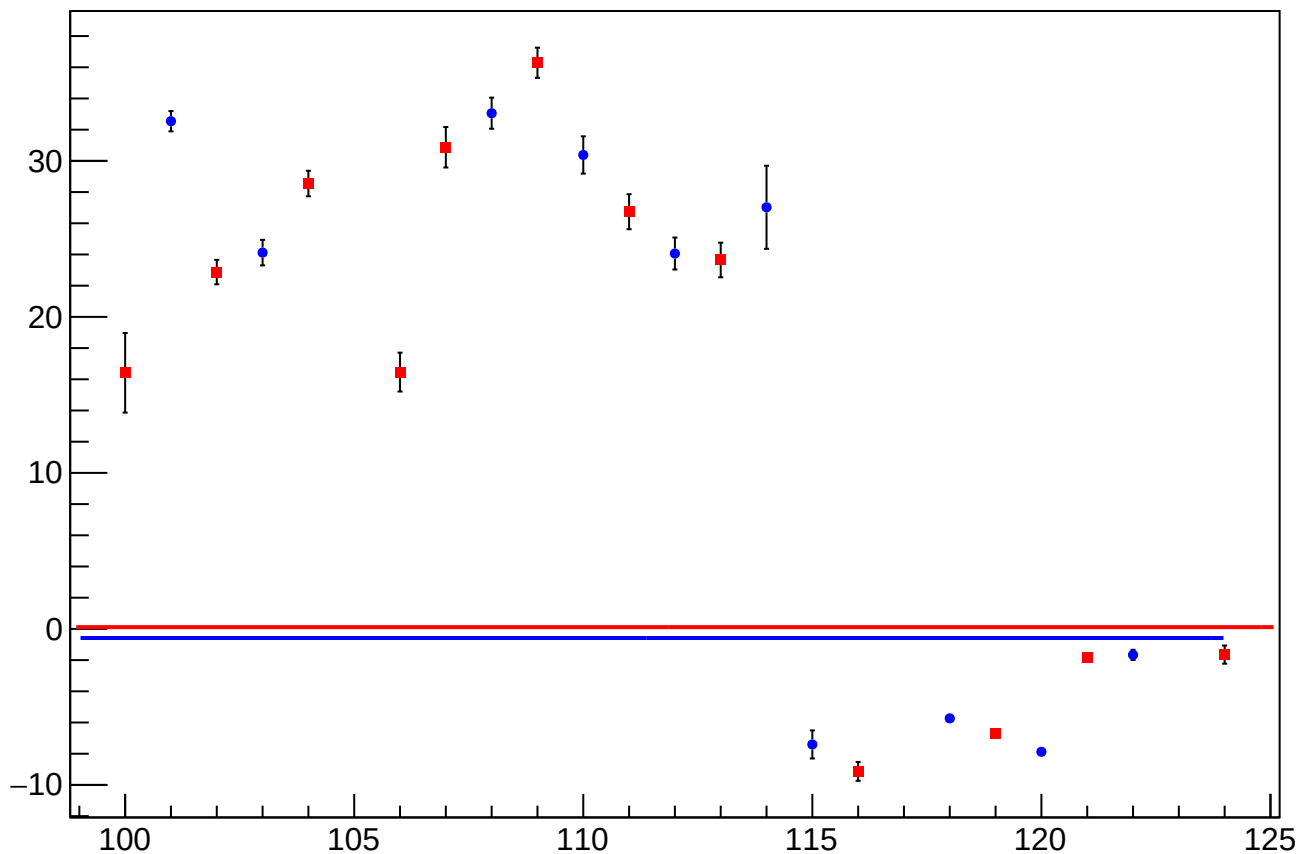
Right: -2.803 ± 0.076 χ^2/NDF : 11600.0/21

In: -3.169 ± 0.102 χ^2/NDF : 6031.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.803 ± 0.076 χ^2/NDF : 11600.0/21

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.583 ± 0.146 χ^2/NDF : 7183.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.114 ± 0.145 χ^2/NDF : 6417.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

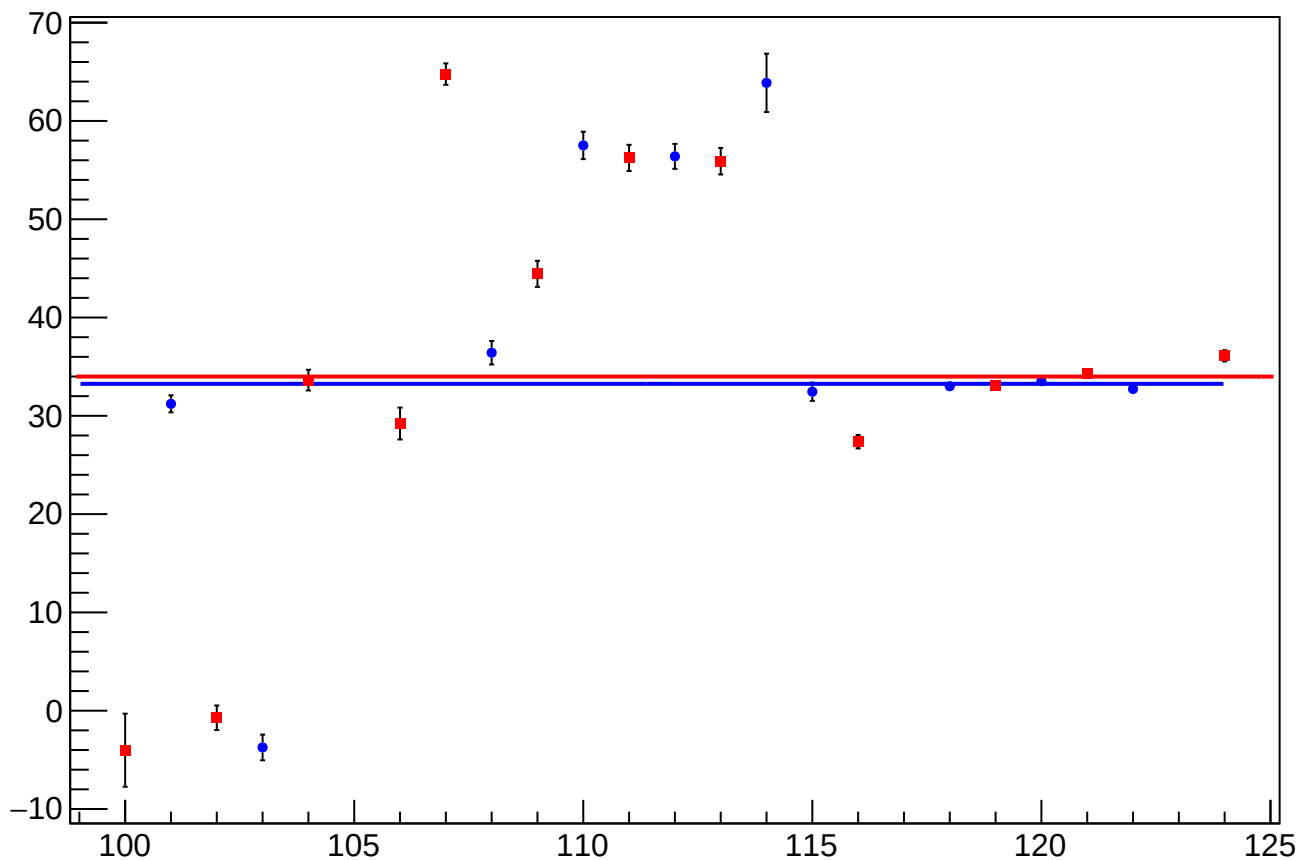
Right: -0.234 ± 0.103 χ^2/NDF : 13612.2/21

In: -0.583 ± 0.146 χ^2/NDF : 7183.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.234 ± 0.103 χ^2/NDF : 13612.2/21

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.255+/-0.129 χ^2/NDF : 1563.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.993+/-0.137 χ^2/NDF : 2417.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

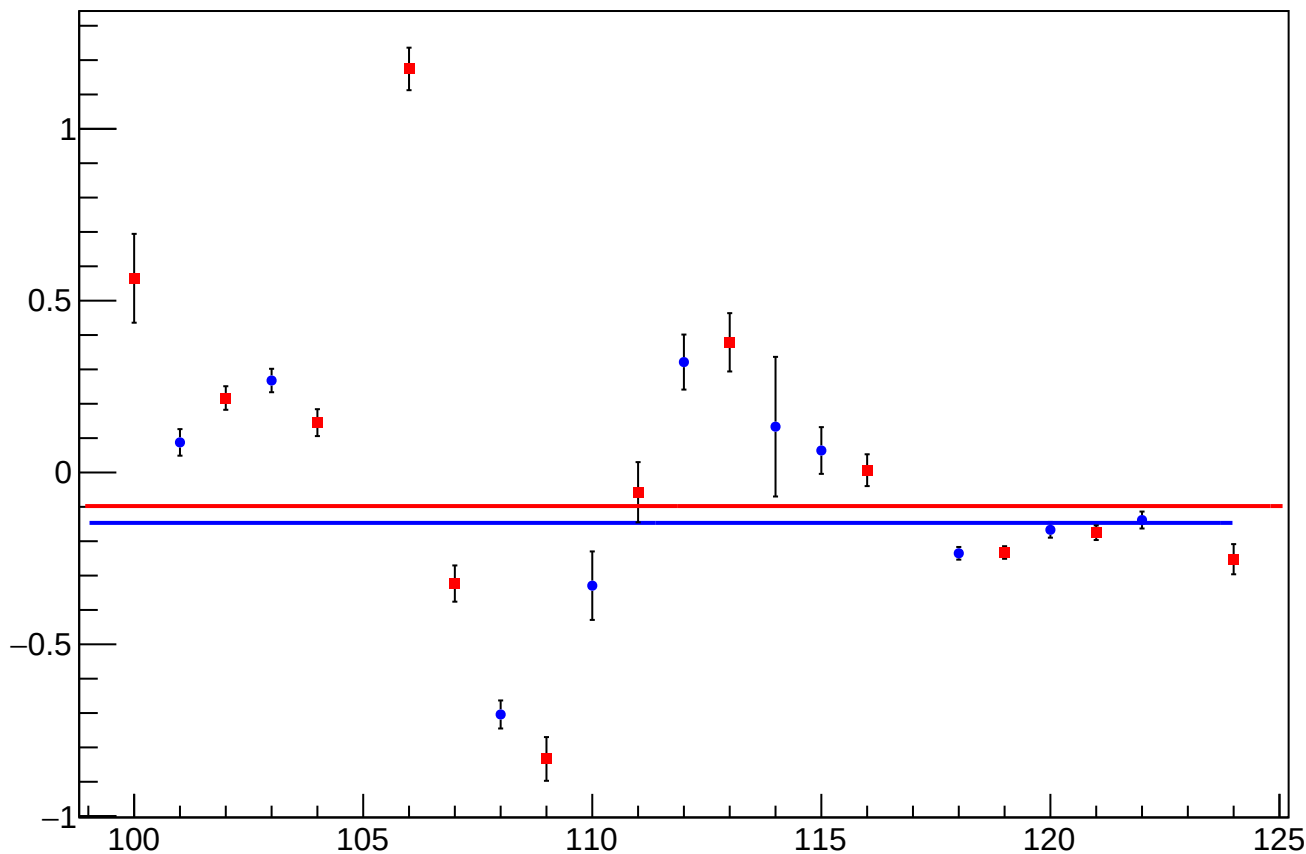
Right: 33.602+/-0.094 χ^2/NDF : 3996.3/21

In: 33.255+/-0.129 χ^2/NDF : 1563.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.602+/-0.094 χ^2/NDF : 3996.3/21

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.147+/-0.010 χ^2/NDF : 444.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.098+/-0.011 χ^2/NDF : 840.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

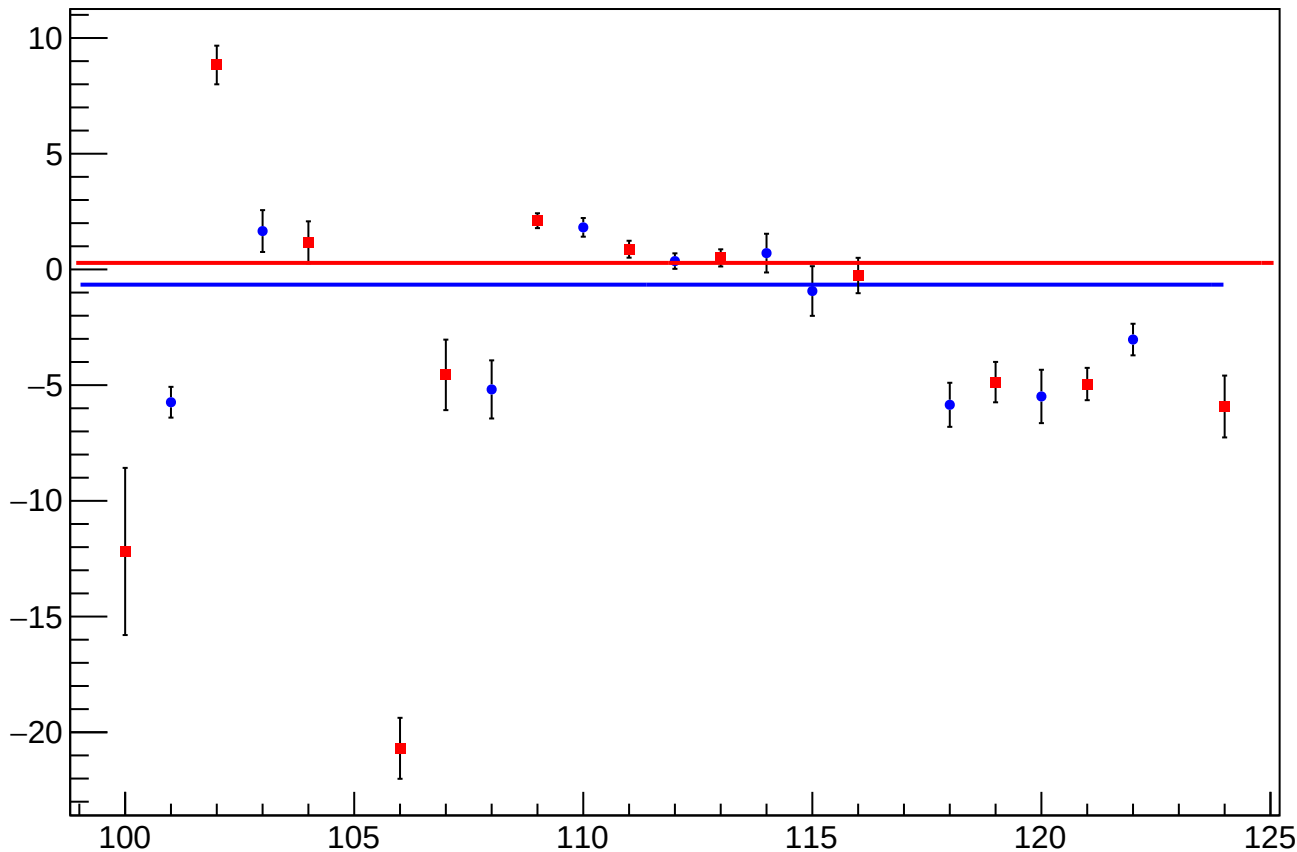
Right: -0.122+/-0.007 χ^2/NDF : 1295.6/21

In: -0.147+/-0.010 χ^2/NDF :444.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.122+/-0.007 χ^2/NDF : 1295.6/21

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.658+/-0.198 χ^2/NDF : 186.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.282+/-0.172 χ^2/NDF : 529.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

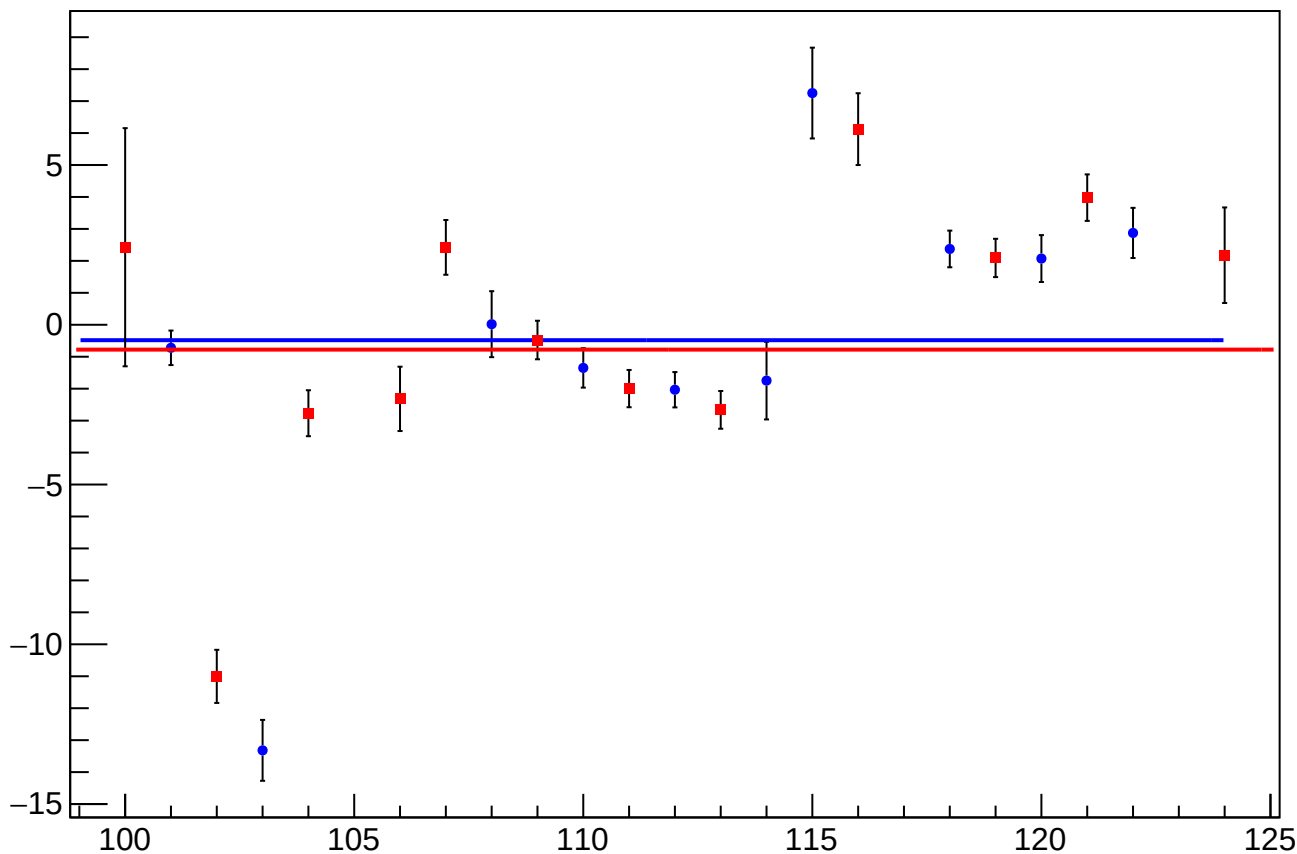
Right: -0.122+/-0.130 χ^2/NDF : 729.5/21

In: -0.658+/-0.198 χ^2/NDF :186.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.122+/-0.130 χ^2/NDF : 729.5/21

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.483+/-0.229 χ^2/NDF : 277.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.777+/-0.222 χ^2/NDF : 298.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

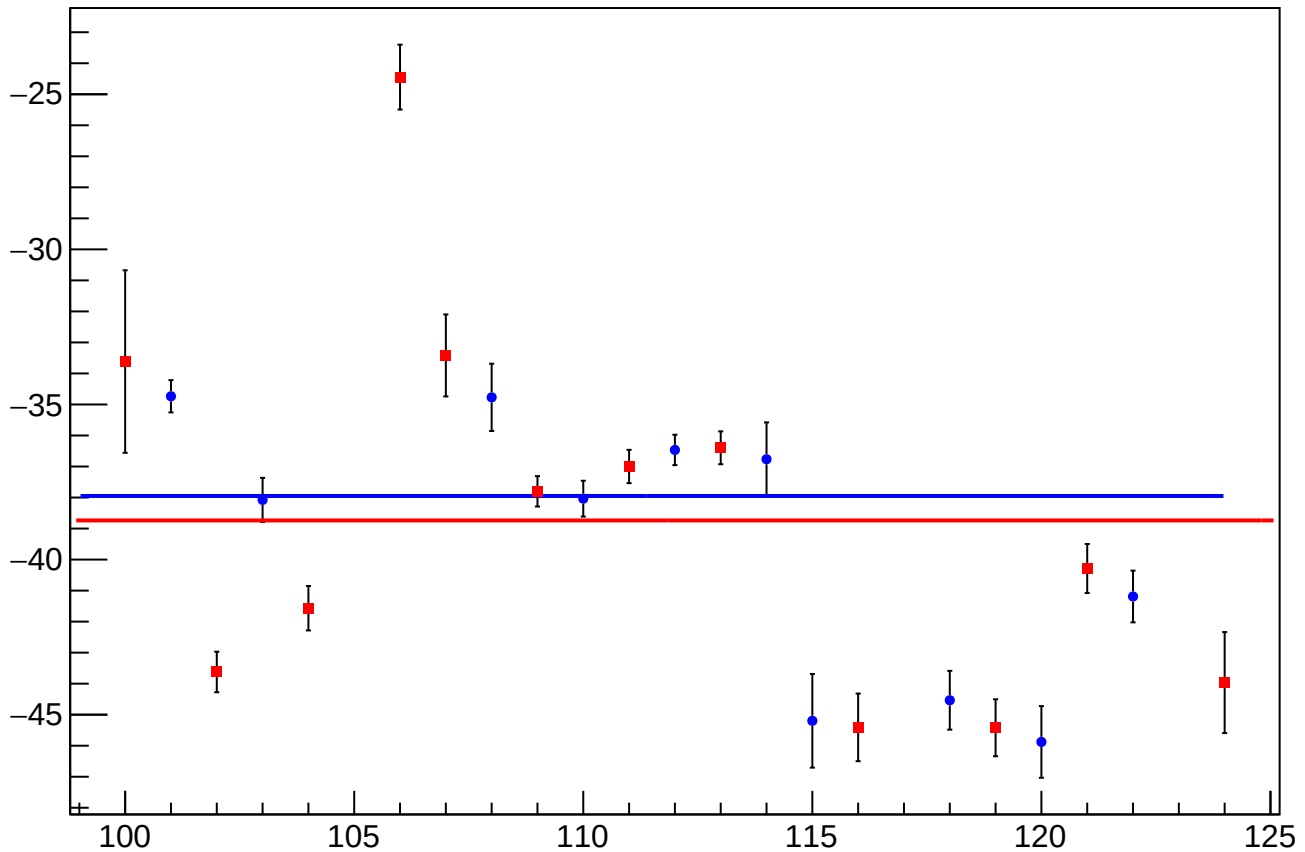
Right: -0.635+/-0.159 χ^2/NDF : 576.6/21

In: -0.483+/-0.229 χ^2/NDF :277.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.635+/-0.159 χ^2/NDF : 576.6/21

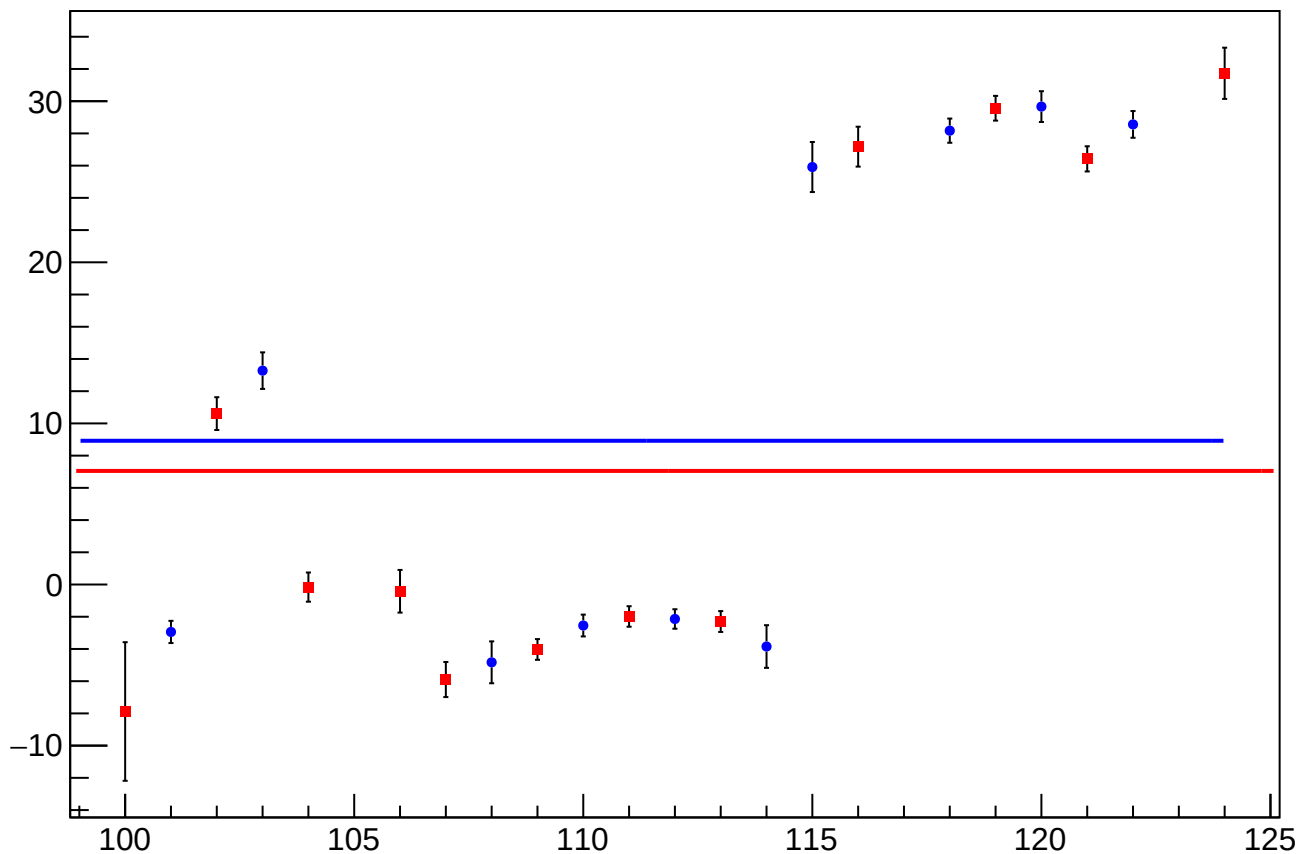
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.950 ± 0.235 χ^2/NDF : 190.5/9
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -38.738 ± 0.218 χ^2/NDF : 415.5/11
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -38.374 ± 0.160 χ^2/NDF : 612.1/21
 In: -37.950 ± 0.235 χ^2/NDF : 190.5/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -38.374 ± 0.160 χ^2/NDF : 612.1/21

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.923+/-0.270 χ^2/NDF : 2945.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.051+/-0.256 χ^2/NDF : 2946.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

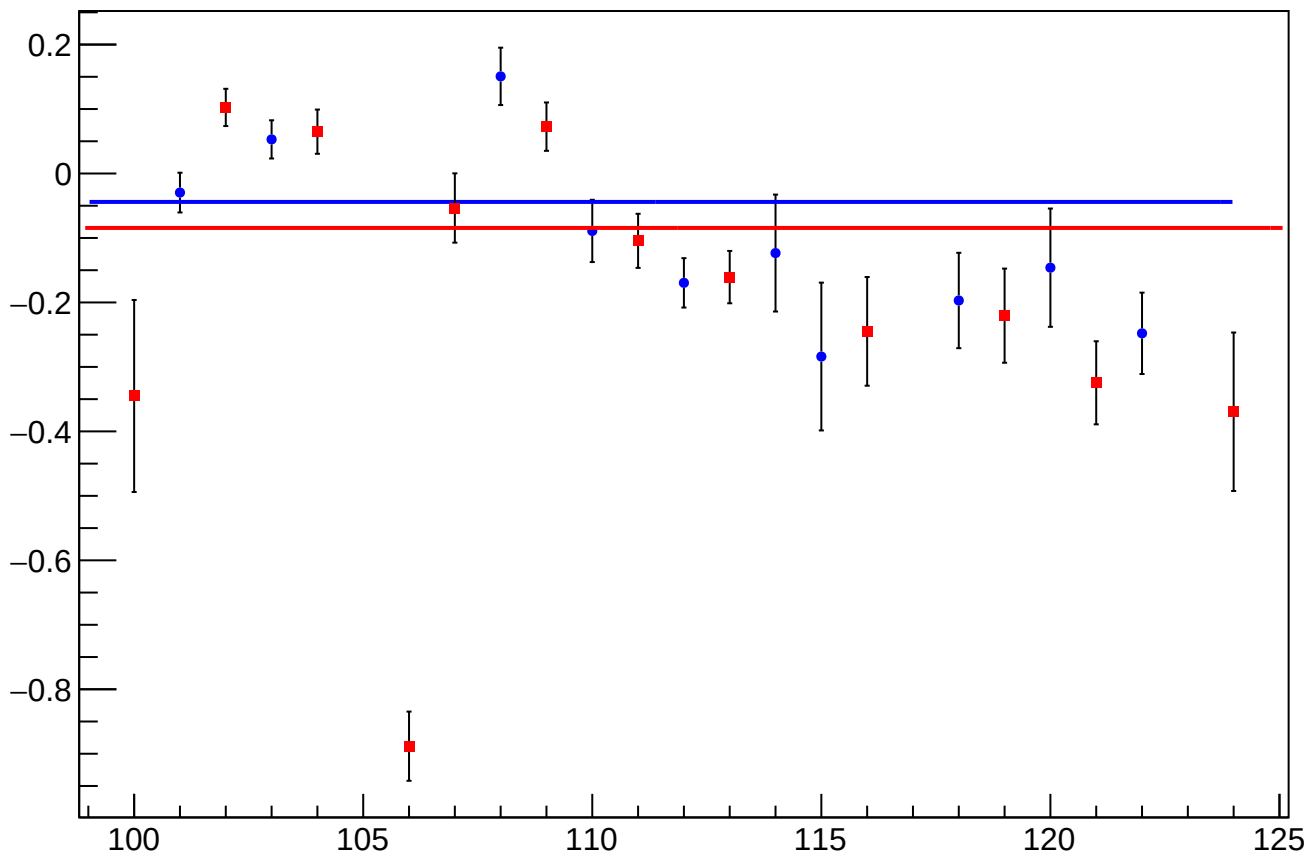
Right: 7.935+/-0.186 χ^2/NDF : 5917.6/21

In: 8.923+/-0.270 χ^2/NDF :2945.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.935+/-0.186 χ^2/NDF : 5917.6/21

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.044±/0.015 χ^2 /NDF: 62.8/9

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: -0.084±/0.014 χ^2 /NDF: 336.2/11

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

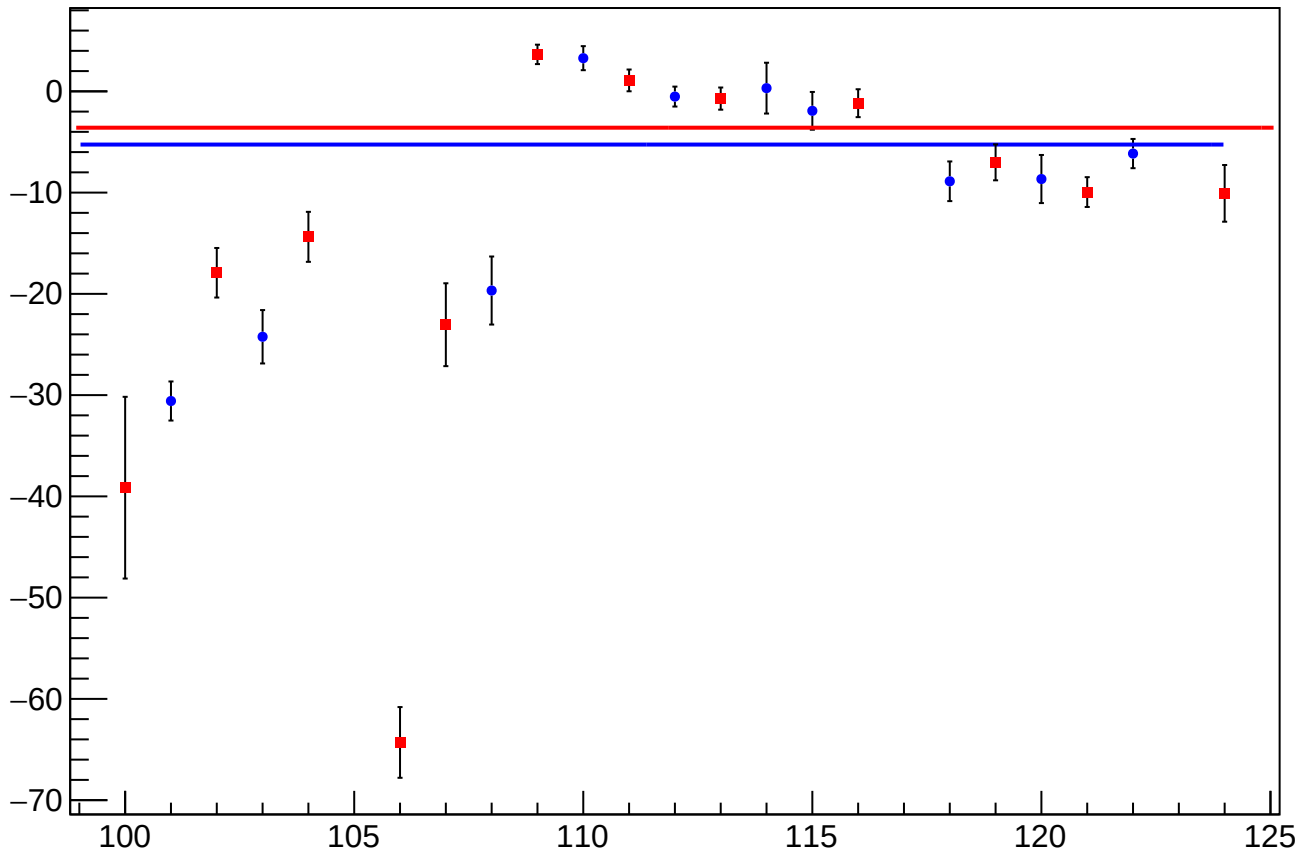
Right: -0.066±/0.010 χ^2 /NDF: 402.9/21

In: -0.044±/0.015 χ^2 /NDF:62.8/9

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -0.066±/0.010 χ^2 /NDF: 402.9/21

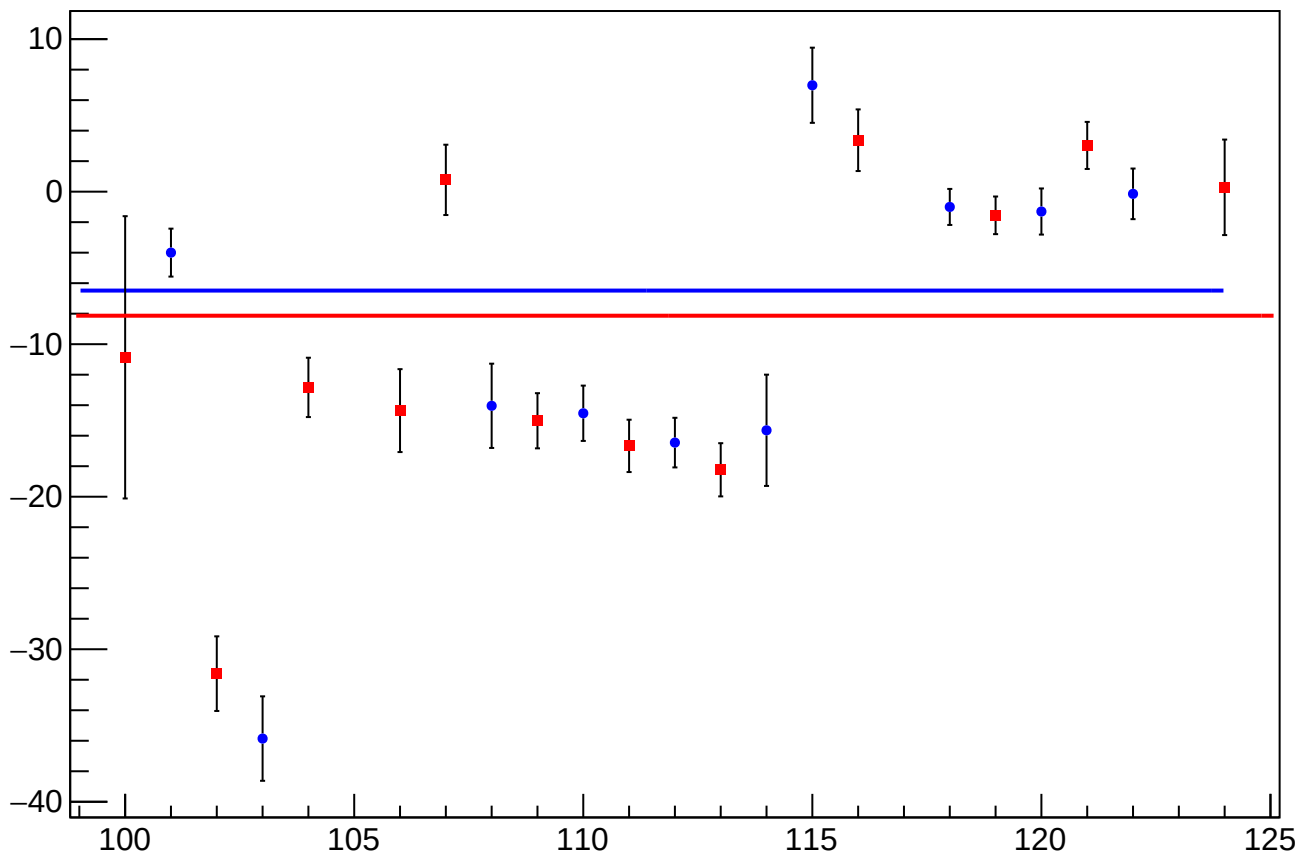
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.256+/-0.527 χ^2/NDF : 331.3/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.590+/-0.461 χ^2/NDF : 507.3/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -4.313+/-0.347 χ^2/NDF : 844.3/21
 In: -5.256+/-0.527 χ^2/NDF : 331.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.313+/-0.347 χ^2/NDF : 844.3/21

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.485+/-0.567 χ^2/NDF : 263.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.133+/-0.562 χ^2/NDF : 311.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

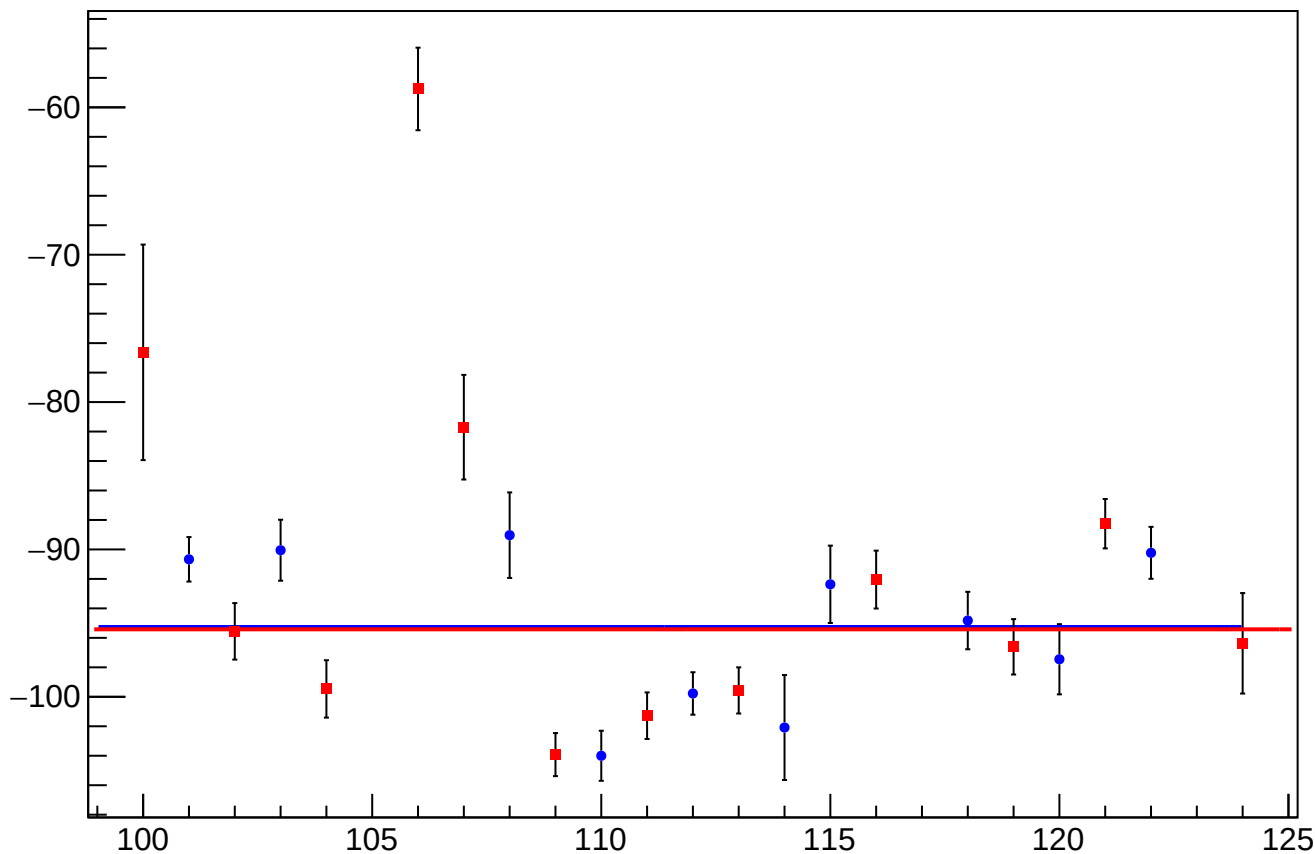
Right: -7.317+/-0.399 χ^2/NDF : 579.4/21

In: -6.485+/-0.567 χ^2/NDF : 263.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.317+/-0.399 χ^2/NDF : 579.4/21

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.265+/-0.620 χ^2/NDF : 70.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.422+/-0.575 χ^2/NDF : 273.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

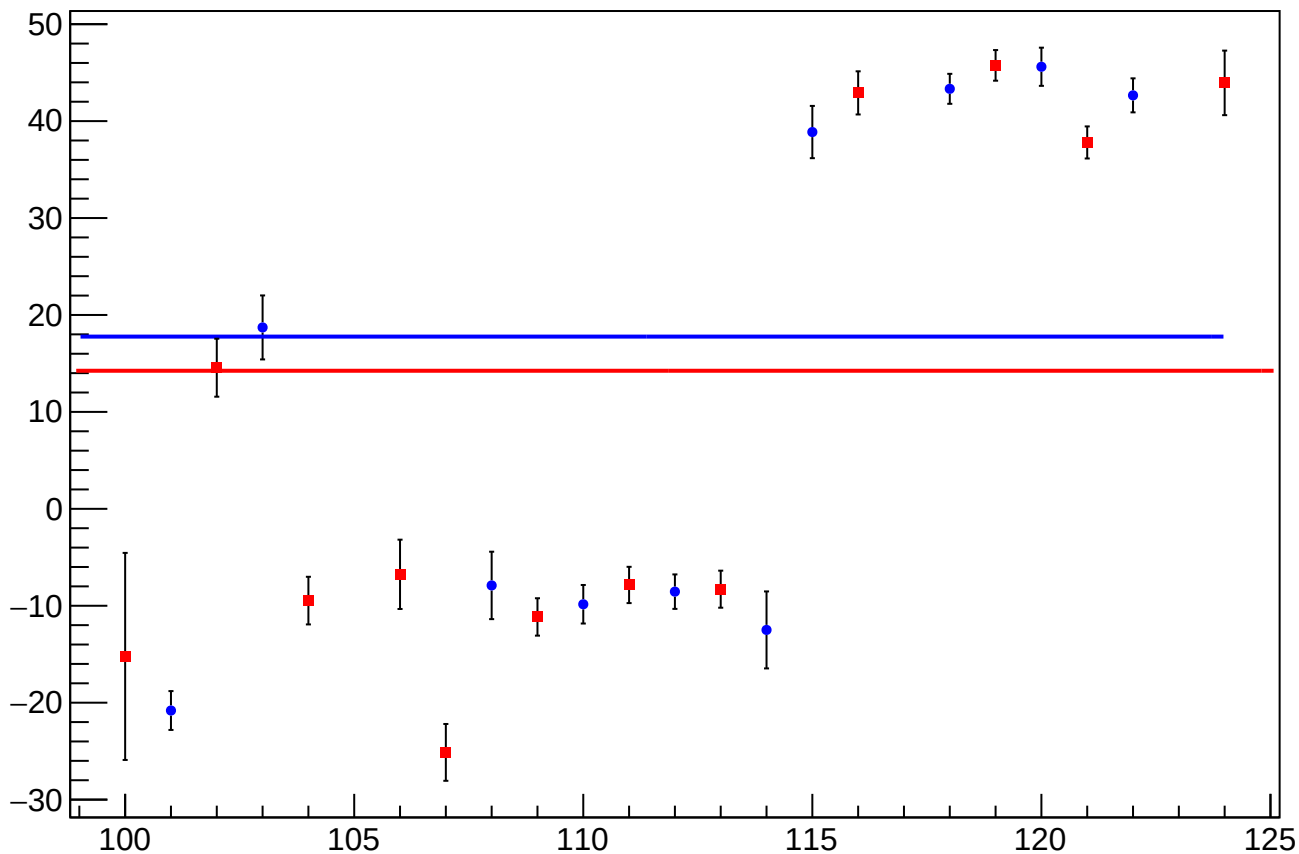
Right: -95.349+/-0.422 χ^2/NDF : 344.0/21

In: -95.265+/-0.620 χ^2/NDF : 70.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.349+/-0.422 χ^2/NDF : 344.0/21

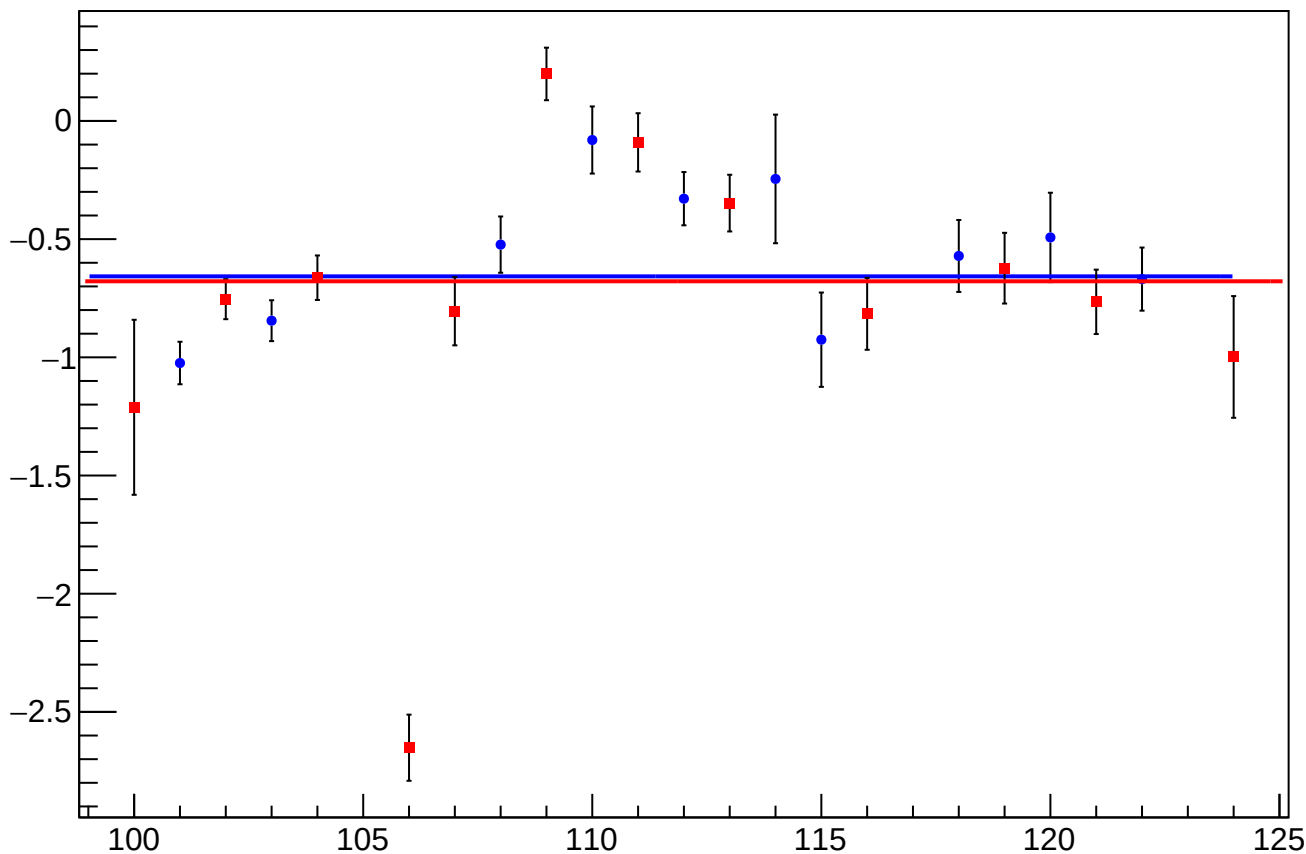
reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.769+/-0.675 χ^2/NDF : 1630.5/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 14.245+/-0.650 χ^2/NDF : 1613.3/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 15.940+/-0.468 χ^2/NDF : 3258.0/21
 In: 17.769+/-0.675 χ^2/NDF : 1630.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 15.940+/-0.468 χ^2/NDF : 3258.0/21

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.657 ± 0.040 χ^2/NDF : 52.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.678 ± 0.037 χ^2/NDF : 298.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

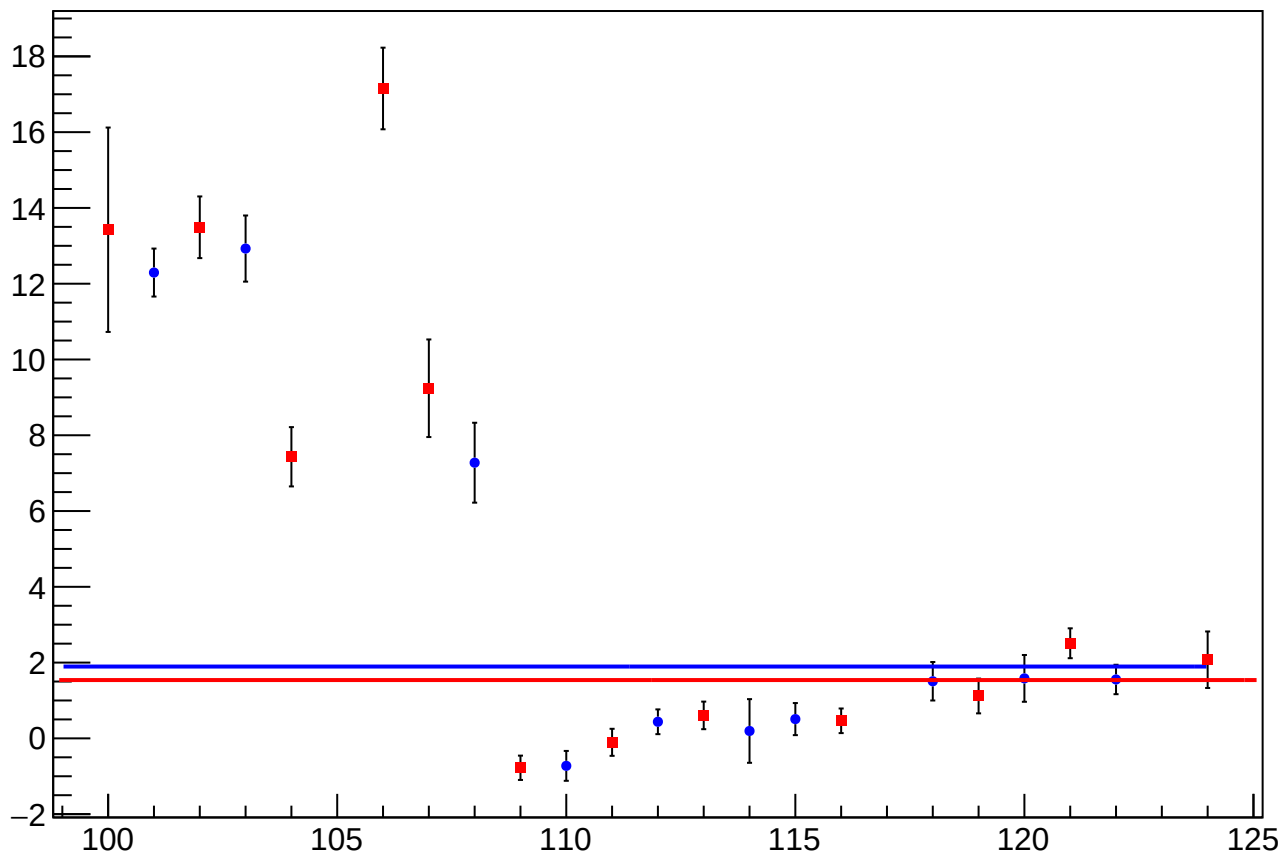
Right: -0.669 ± 0.027 χ^2/NDF : 350.9/21

In: -0.657 ± 0.040 χ^2/NDF : 52.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.669 ± 0.027 χ^2/NDF : 350.9/21

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.896+/-0.157 χ^2/NDF : 536.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.539+/-0.138 χ^2/NDF : 635.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

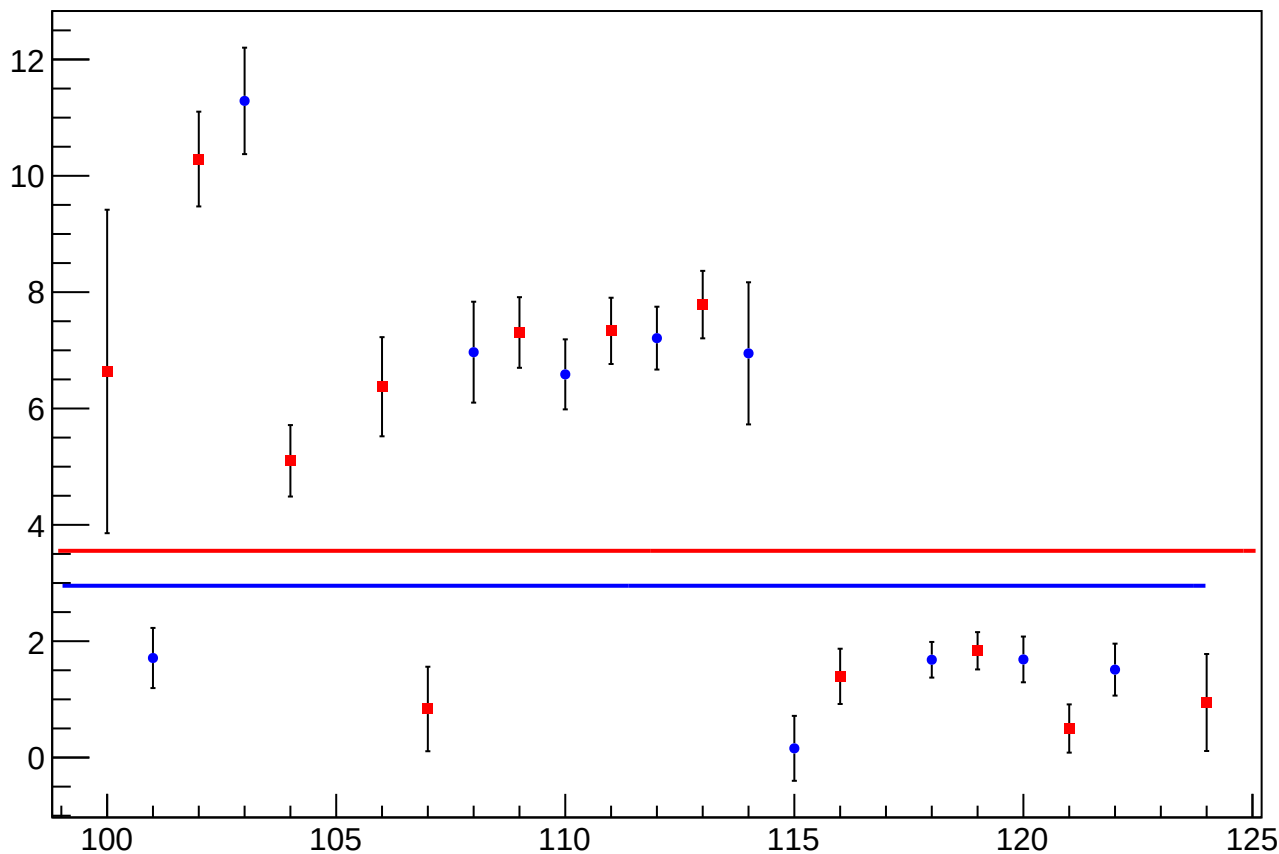
Right: 1.695+/-0.104 χ^2/NDF : 1174.7/21

In: 1.896+/-0.157 χ^2/NDF : 536.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.695+/-0.104 χ^2/NDF : 1174.7/21

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.953+/-0.161 χ^2/NDF : 282.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.554+/-0.163 χ^2/NDF : 349.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

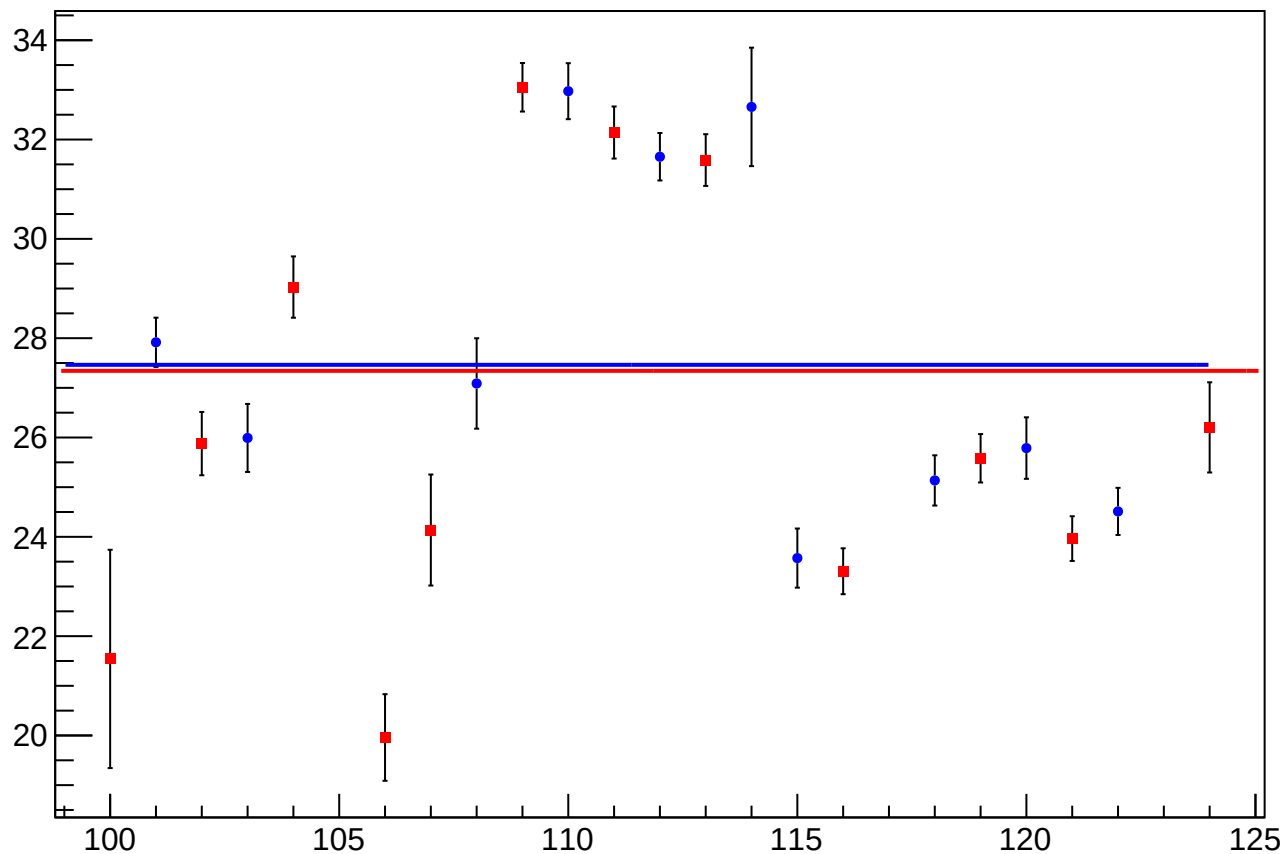
Right: 3.250+/-0.115 χ^2/NDF : 639.3/21

In: 2.953+/-0.161 χ^2/NDF : 282.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.250+/-0.115 χ^2/NDF : 639.3/21

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.464 $\pm$ 0.184 χ^2 /NDF: 306.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.342 $\pm$ 0.172 χ^2 /NDF: 533.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

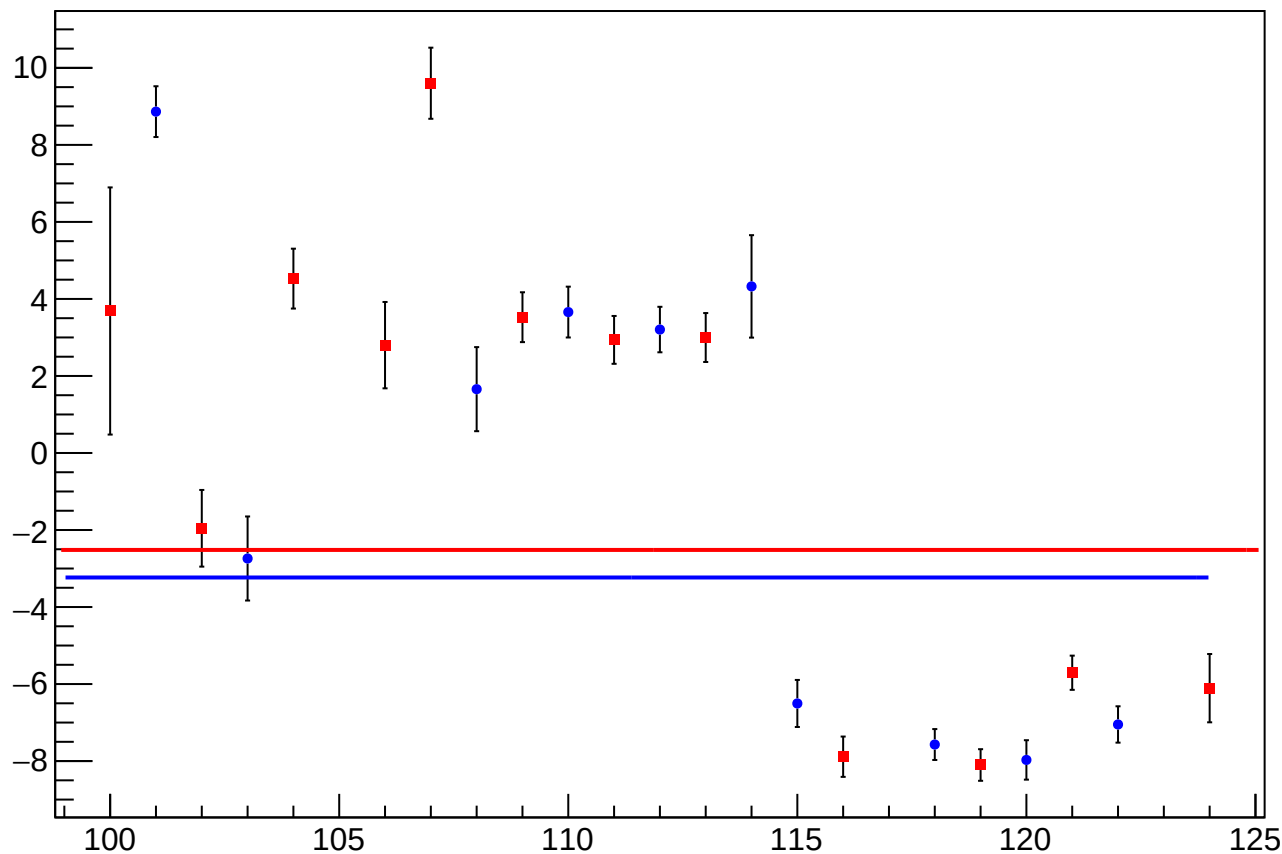
Right: 27.399 $\pm$ 0.126 χ^2 /NDF: 840.4/21

In: 27.464 $\pm$ 0.184 χ^2 /NDF:306.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.399 $\pm$ 0.126 χ^2 /NDF: 840.4/21

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.233+/-0.193 χ^2/NDF : 913.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.517+/-0.189 χ^2/NDF : 878.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

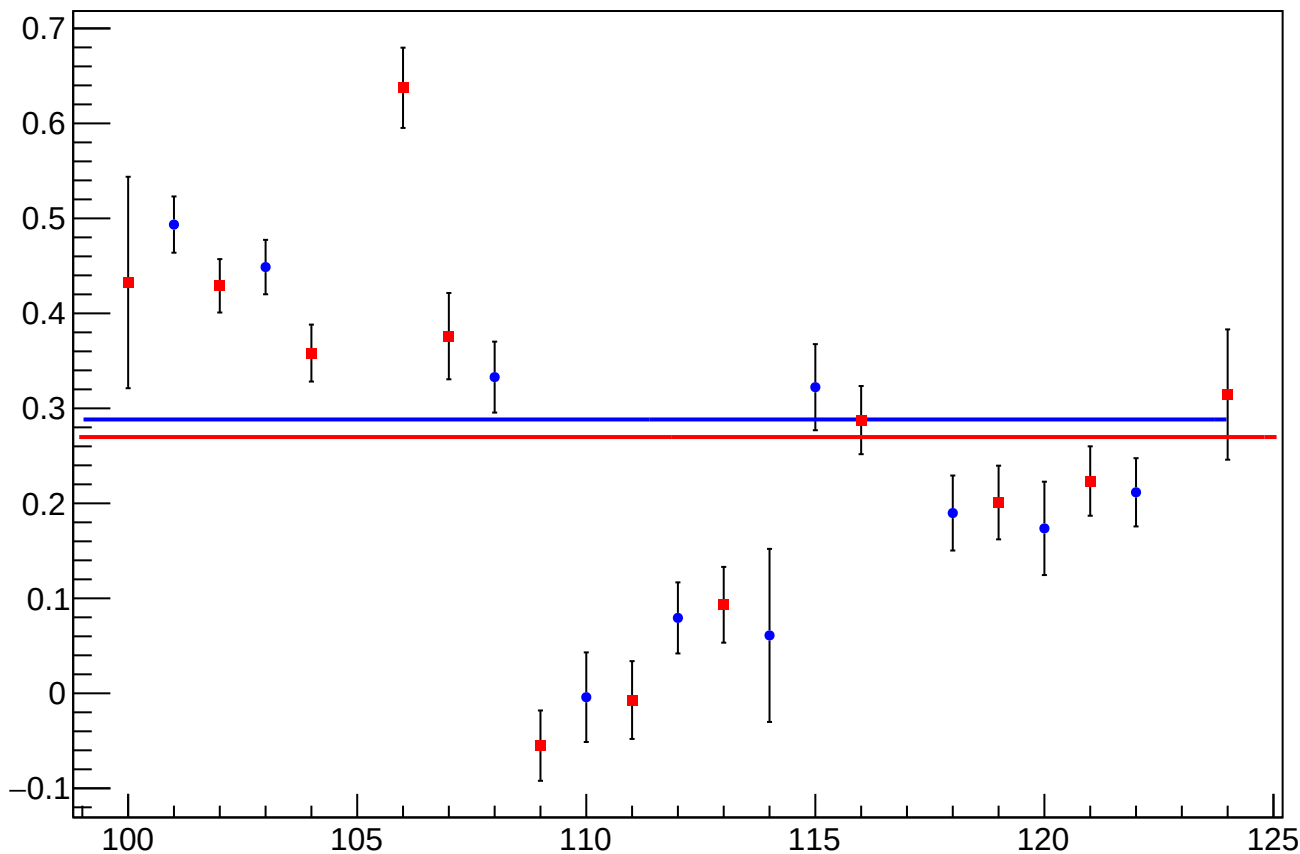
Right: -2.867+/-0.135 χ^2/NDF : 1799.5/21

In: -3.233+/-0.193 χ^2/NDF : 913.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.867+/-0.135 χ^2/NDF : 1799.5/21

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.288+/-0.012 χ^2/NDF : 173.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.270+/-0.011 χ^2/NDF : 271.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

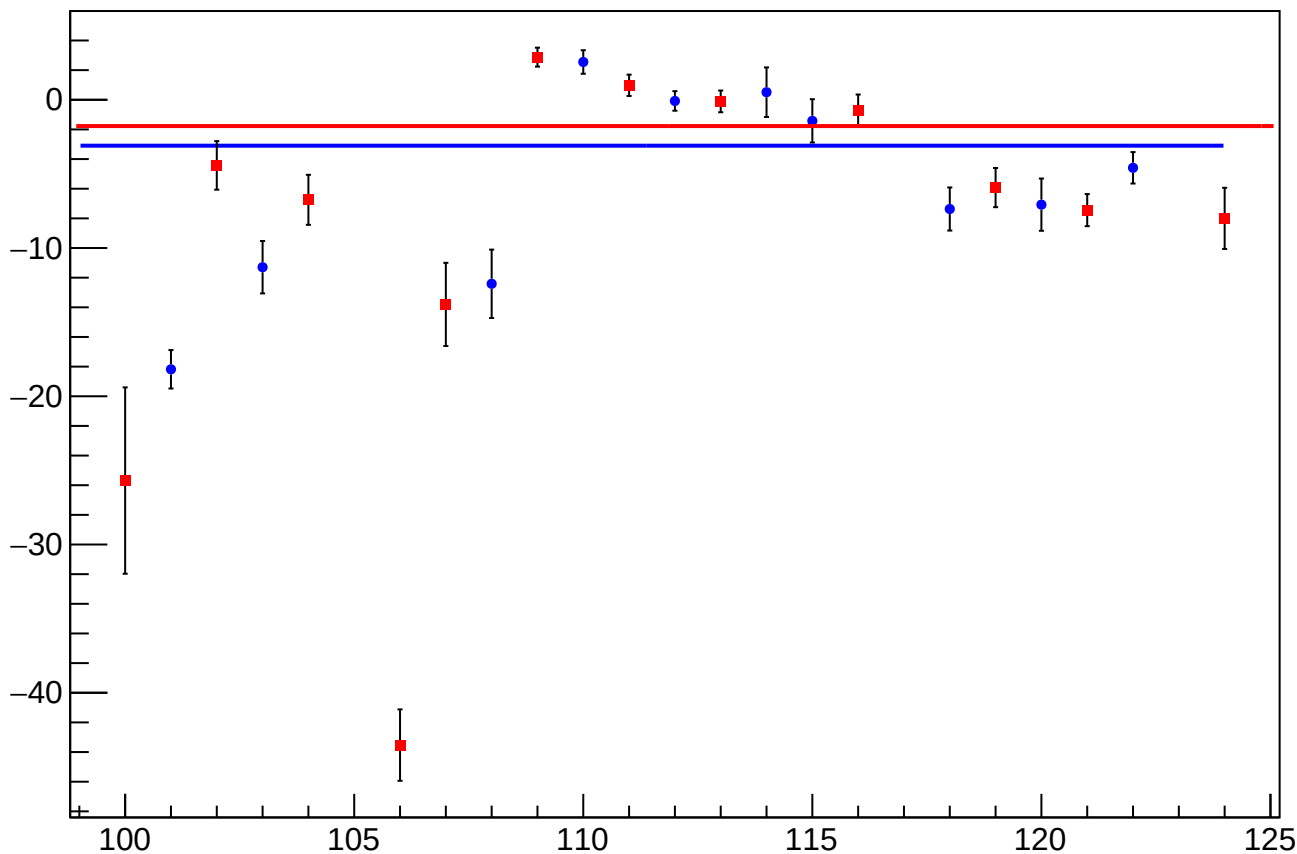
Right: 0.278+/-0.008 χ^2/NDF : 446.6/21

In: 0.288+/-0.012 χ^2/NDF : 173.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.278+/-0.008 χ^2/NDF : 446.6/21

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.096+/-0.365 χ^2 /NDF: 266.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.773+/-0.319 χ^2 /NDF: 464.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

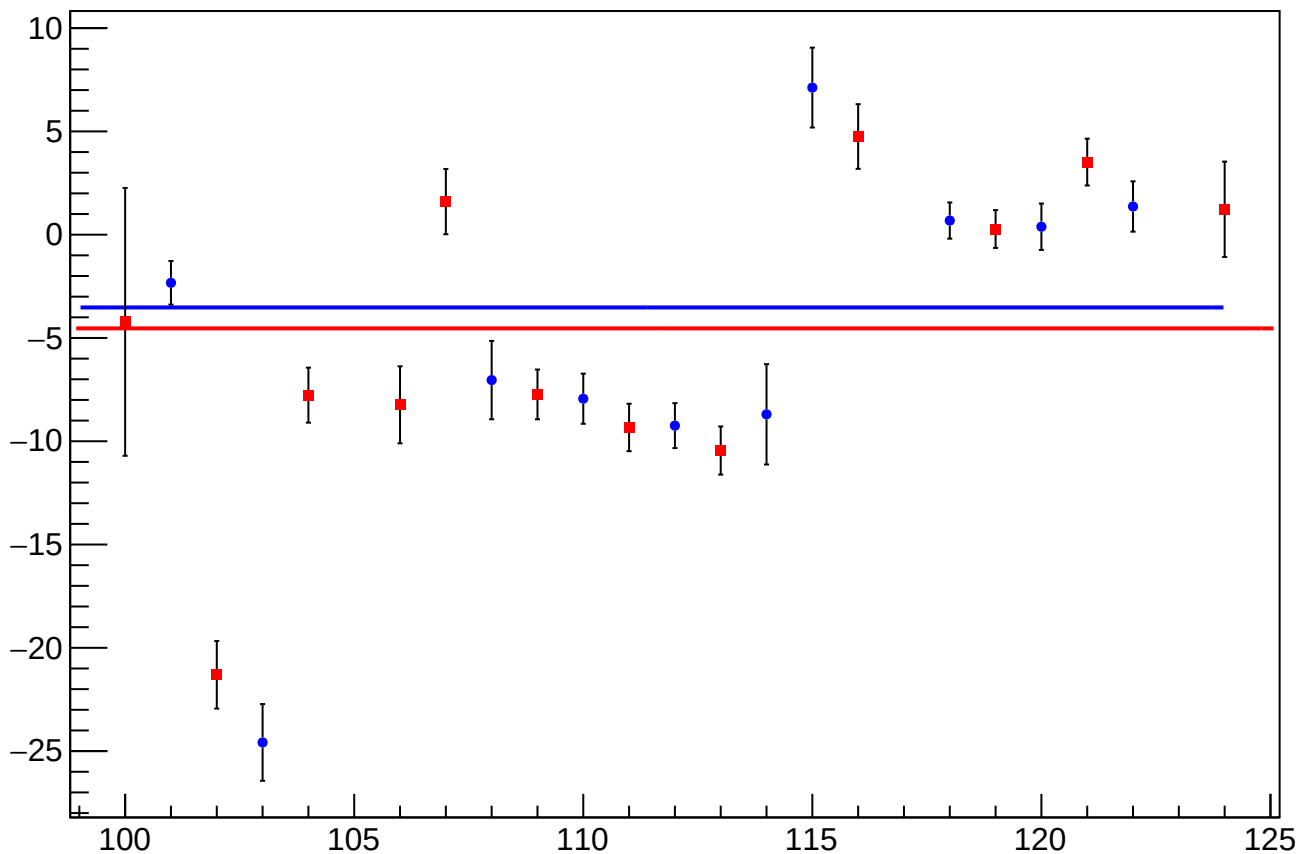
Right: -2.346+/-0.240 χ^2 /NDF: 738.7/21

In: -3.096+/-0.365 χ^2 /NDF:266.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.346+/-0.240 χ^2 /NDF: 738.7/21

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.523+/-0.402 χ^2 /NDF: 260.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.537+/-0.395 χ^2 /NDF: 299.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

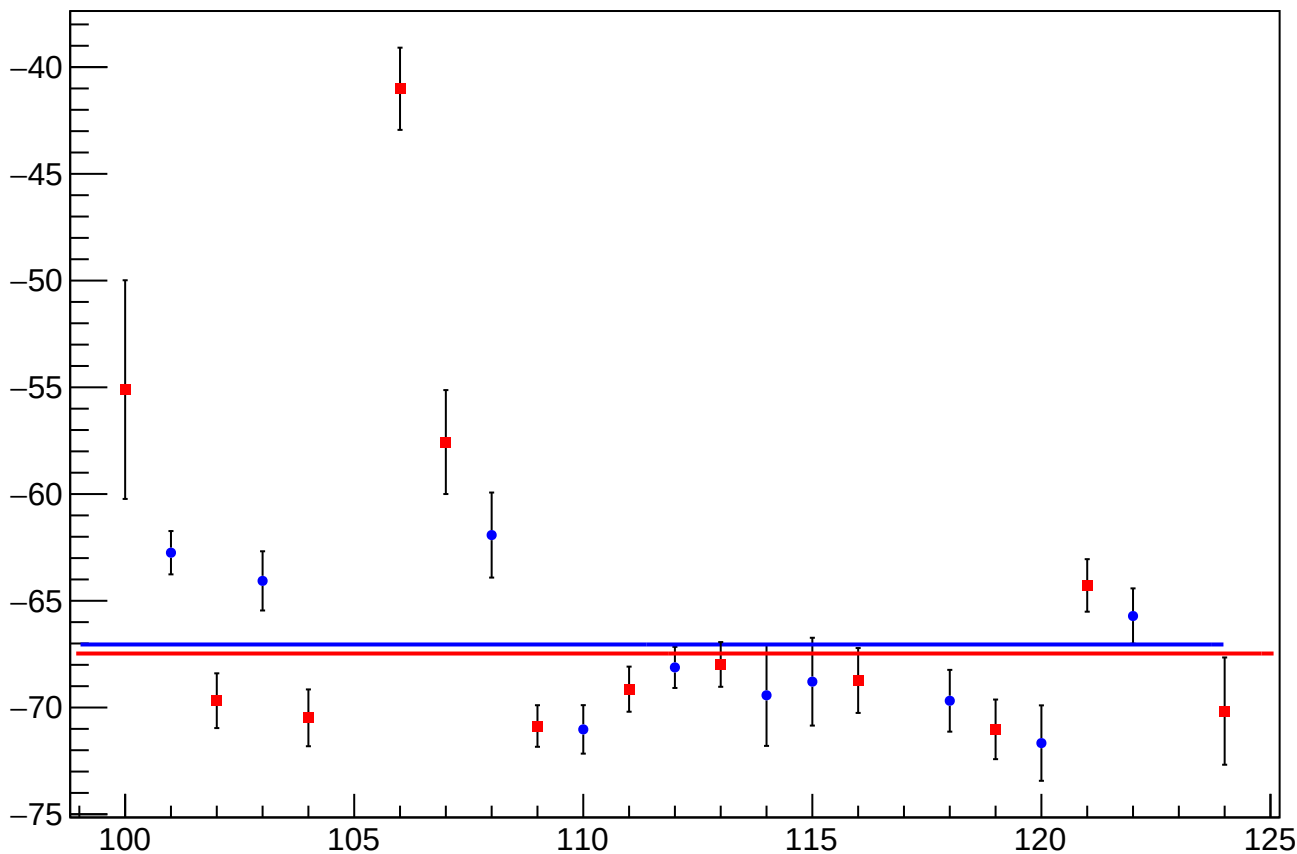
Right: -4.038+/-0.282 χ^2 /NDF: 563.4/21

In: -3.523+/-0.402 χ^2 /NDF:260.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.038+/-0.282 χ^2 /NDF: 563.4/21

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.047+/-0.430 χ^2/NDF : 55.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -67.470+/-0.399 χ^2/NDF : 249.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

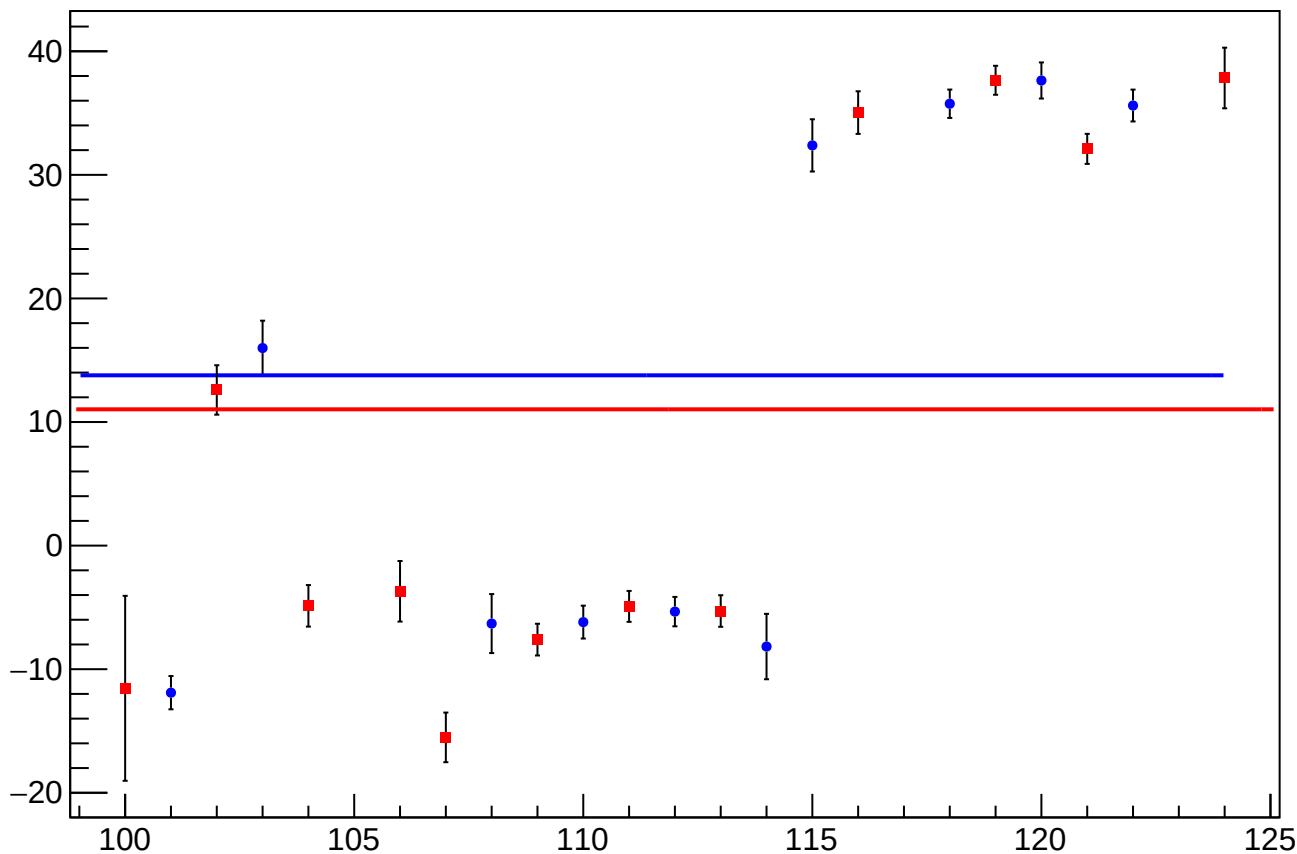
Right: -67.274+/-0.293 χ^2/NDF : 305.3/21

In: -67.047+/-0.430 χ^2/NDF :55.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -67.274+/-0.293 χ^2/NDF : 305.3/21

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.780+/-0.477 χ^2/NDF : 1986.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.028+/-0.456 χ^2/NDF : 1975.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

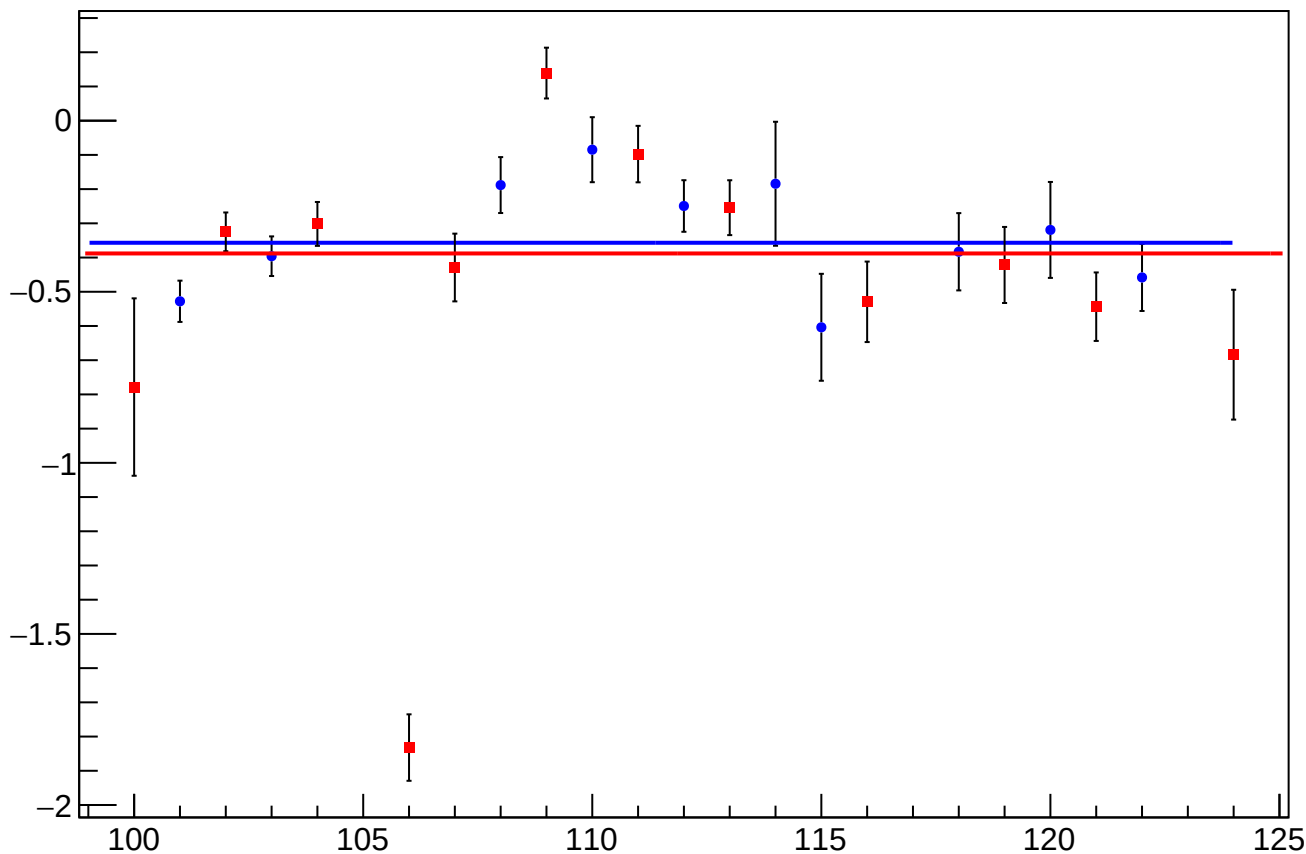
Right: 12.344+/-0.330 χ^2/NDF : 3979.6/21

In: 13.780+/-0.477 χ^2/NDF : 1986.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.344+/-0.330 χ^2/NDF : 3979.6/21

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.357+/-0.028 χ^2 /NDF: 27.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.388+/-0.025 χ^2 /NDF: 298.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

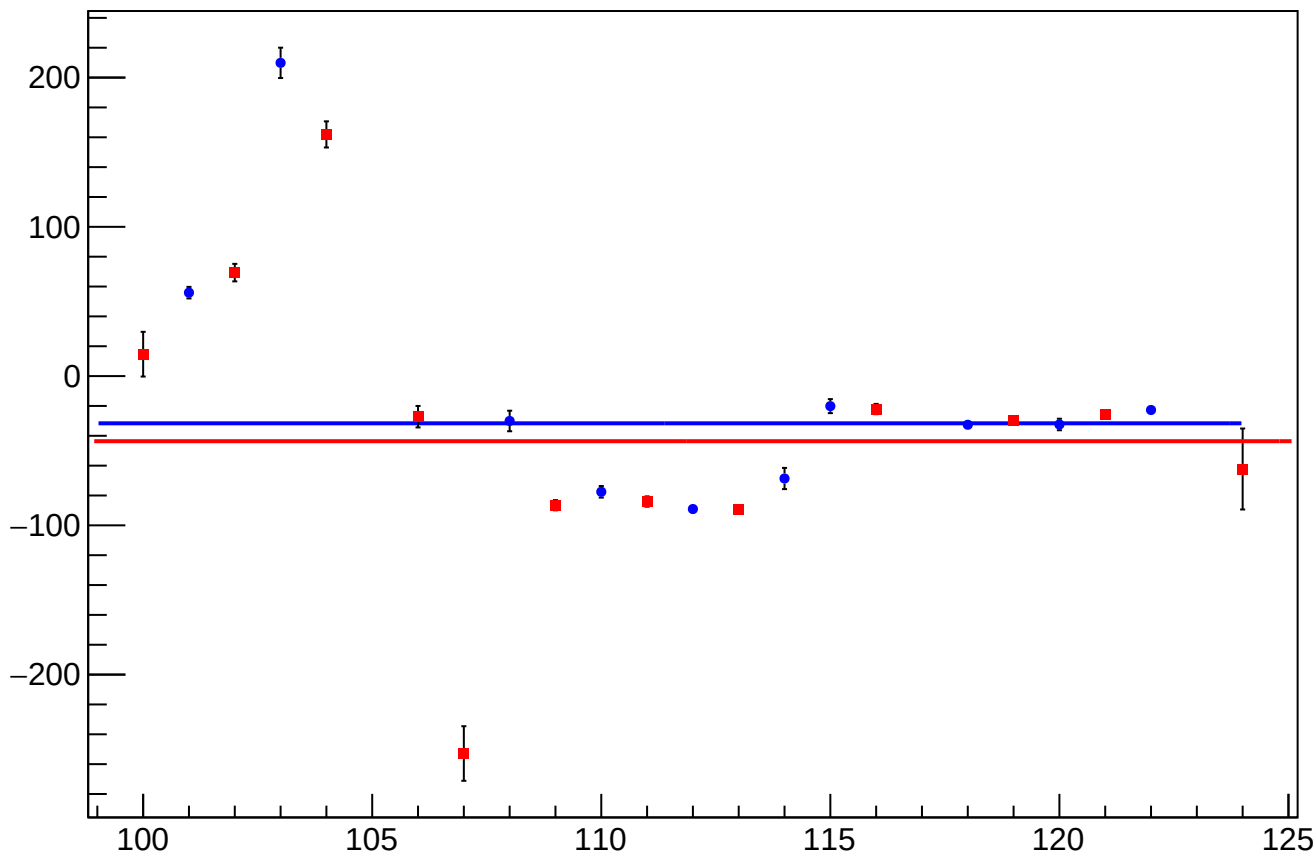
Right: -0.374+/-0.019 χ^2 /NDF: 326.8/21

In: -0.357+/-0.028 χ^2 /NDF:27.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.374+/-0.019 χ^2 /NDF: 326.8/21

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.638+/-1.289 χ^2/NDF : 1594.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.627+/-1.249 χ^2/NDF : 1653.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

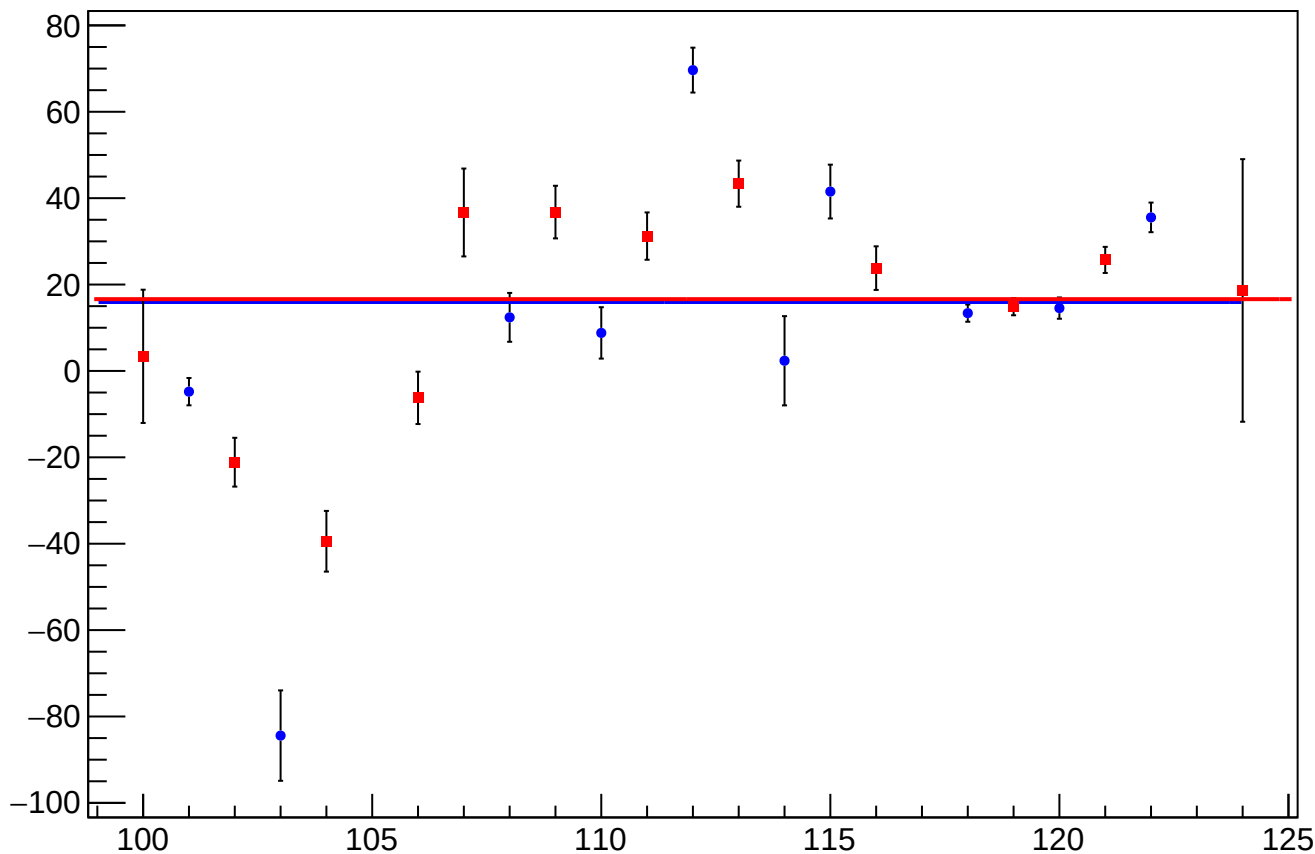
Right: -37.821+/-0.897 χ^2/NDF : 3292.9/21

In: -31.638+/-1.289 χ^2/NDF : 1594.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.821+/-0.897 χ^2/NDF : 3292.9/21

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.964+/-1.161 χ^2 /NDF: 296.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 16.619+/-1.299 χ^2 /NDF: 182.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

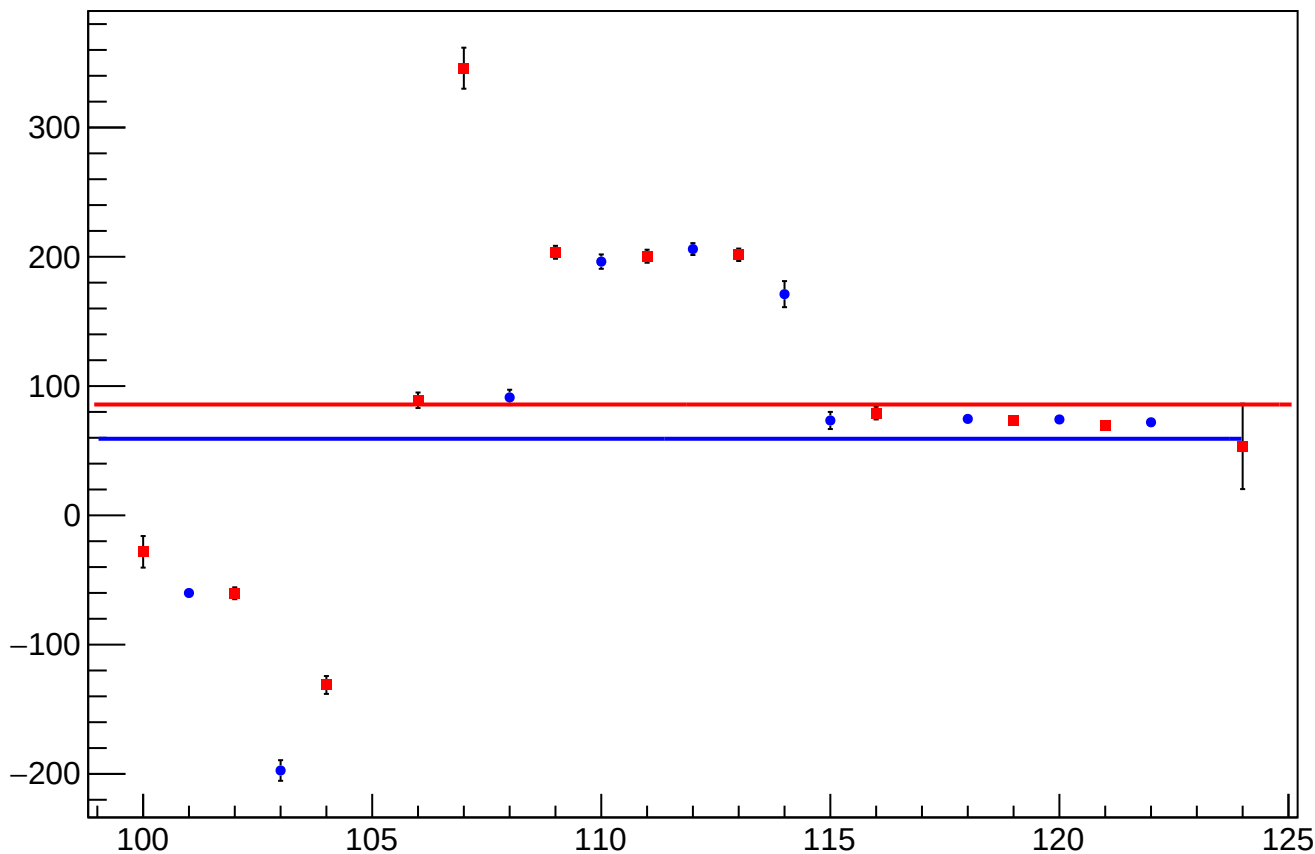
Right: 16.255+/-0.866 χ^2 /NDF: 479.1/21

In: 15.964+/-1.161 χ^2 /NDF:296.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 16.255+/-0.866 χ^2 /NDF: 479.1/21

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 59.241+/-1.415 χ^2/NDF : 4426.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.743+/-1.458 χ^2/NDF : 4052.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

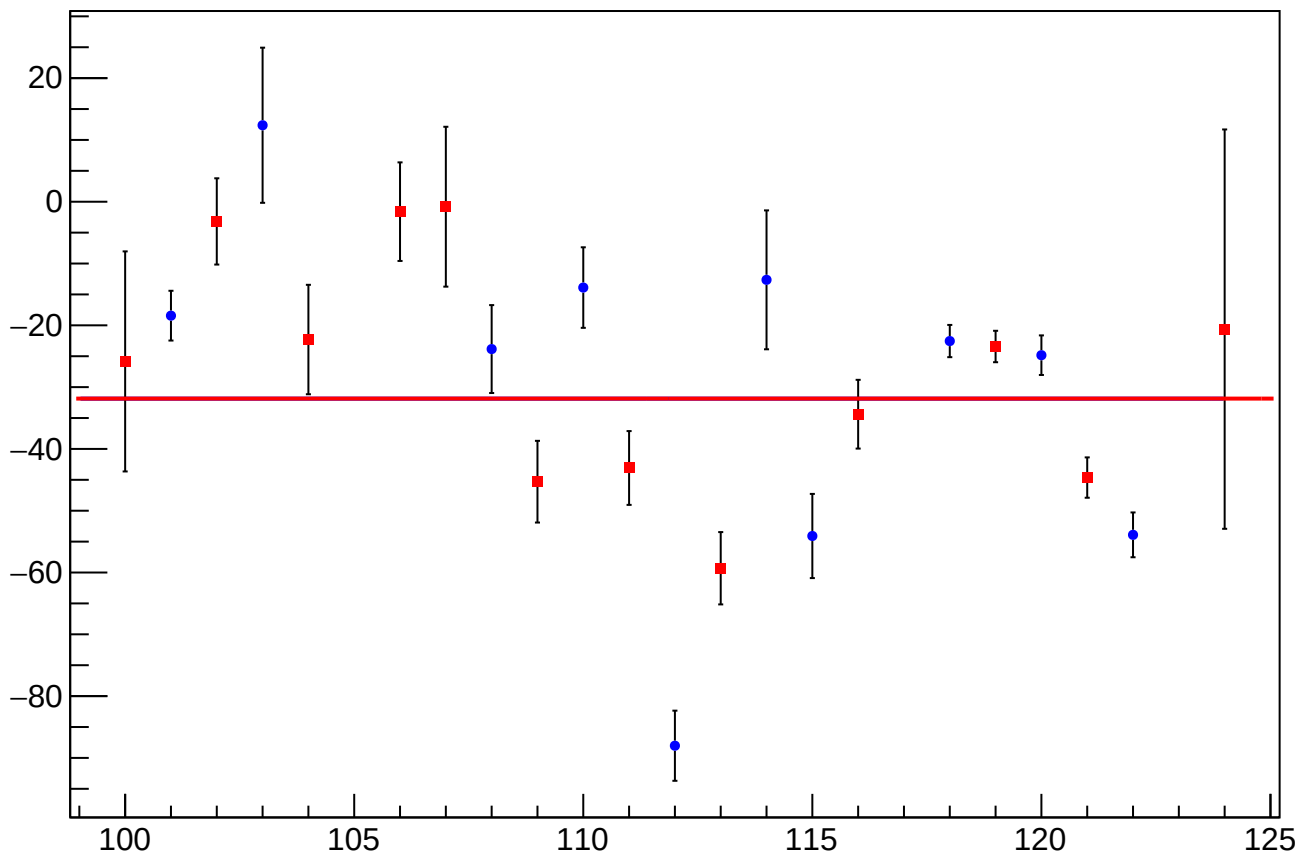
Right: 72.092+/-1.015 χ^2/NDF : 8649.8/21

In: 59.241+/-1.415 χ^2/NDF : 4426.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.092+/-1.015 χ^2/NDF : 8649.8/21

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.867+/-1.425 χ^2/NDF : 198.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -31.857+/-1.543 χ^2/NDF : 94.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

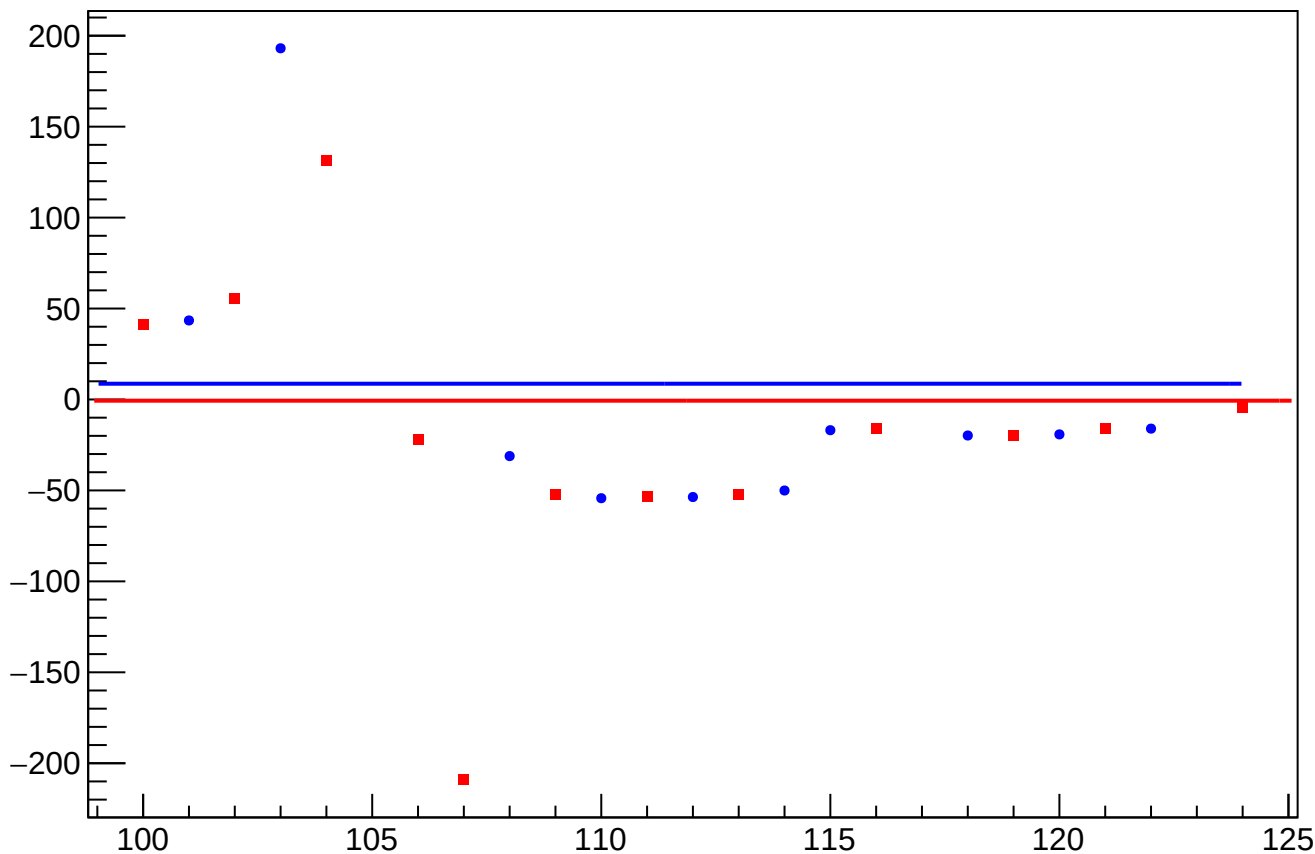
Right: -31.862+/-1.047 χ^2/NDF : 293.1/21

In: -31.867+/-1.425 χ^2/NDF :198.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -31.862+/-1.047 χ^2/NDF : 293.1/21

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 8.664+/-0.094 χ^2/NDF : 451154.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.661+/-0.095 χ^2/NDF : 414125.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

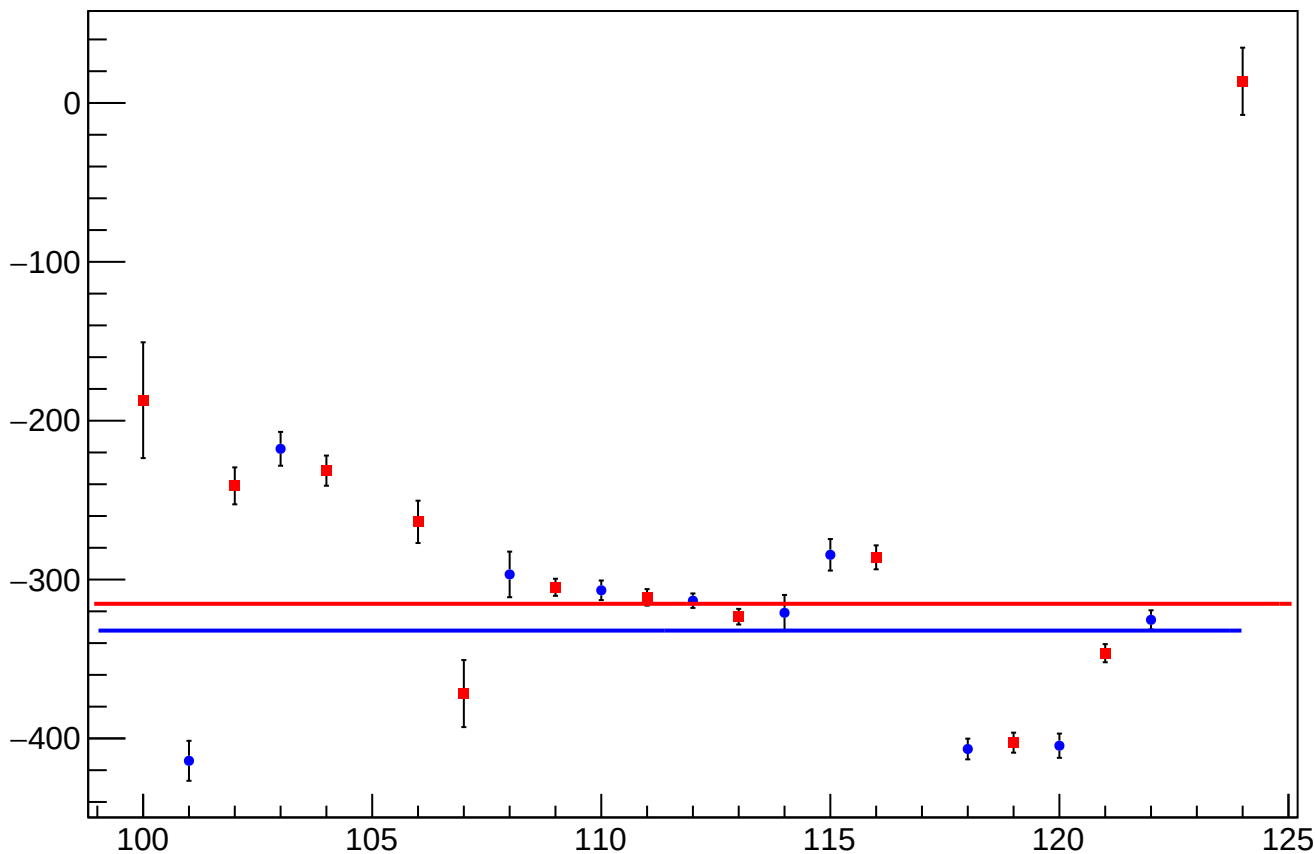
Right: 4.071+/-0.067 χ^2/NDF : 870154.9/21

In: 8.664+/-0.094 χ^2/NDF : 451154.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.071+/-0.067 χ^2/NDF : 870154.9/21

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -332.119+/-2.350 χ^2/NDF : 444.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -315.253+/-2.153 χ^2/NDF : 639.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

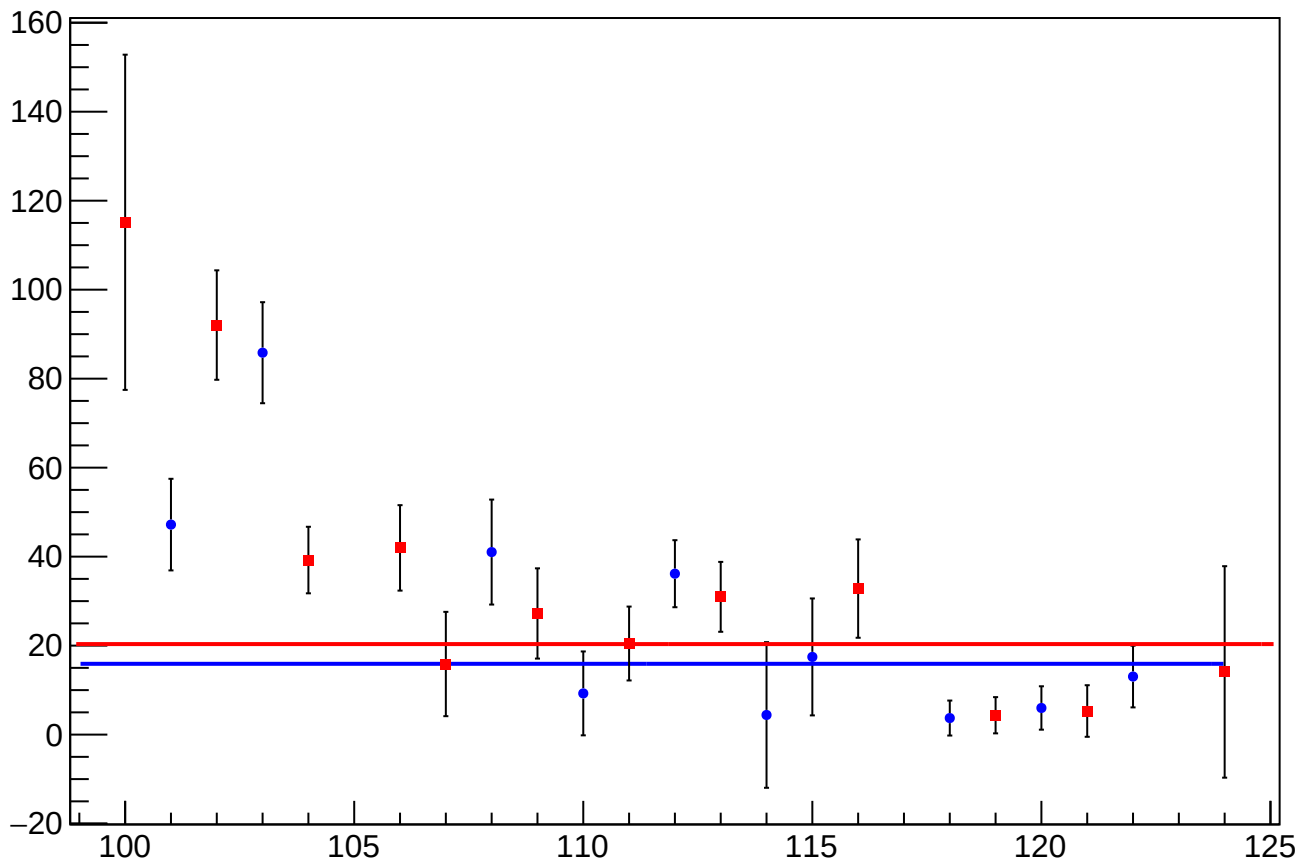
Right: -322.948+/-1.587 χ^2/NDF : 1112.1/21

In: -332.119+/-2.350 χ^2/NDF : 444.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.948+/-1.587 χ^2/NDF : 1112.1/21

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.912 $\pm$ 2.292 χ^2 /NDF: 73.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.345 $\pm$ 2.333 χ^2 /NDF: 77.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

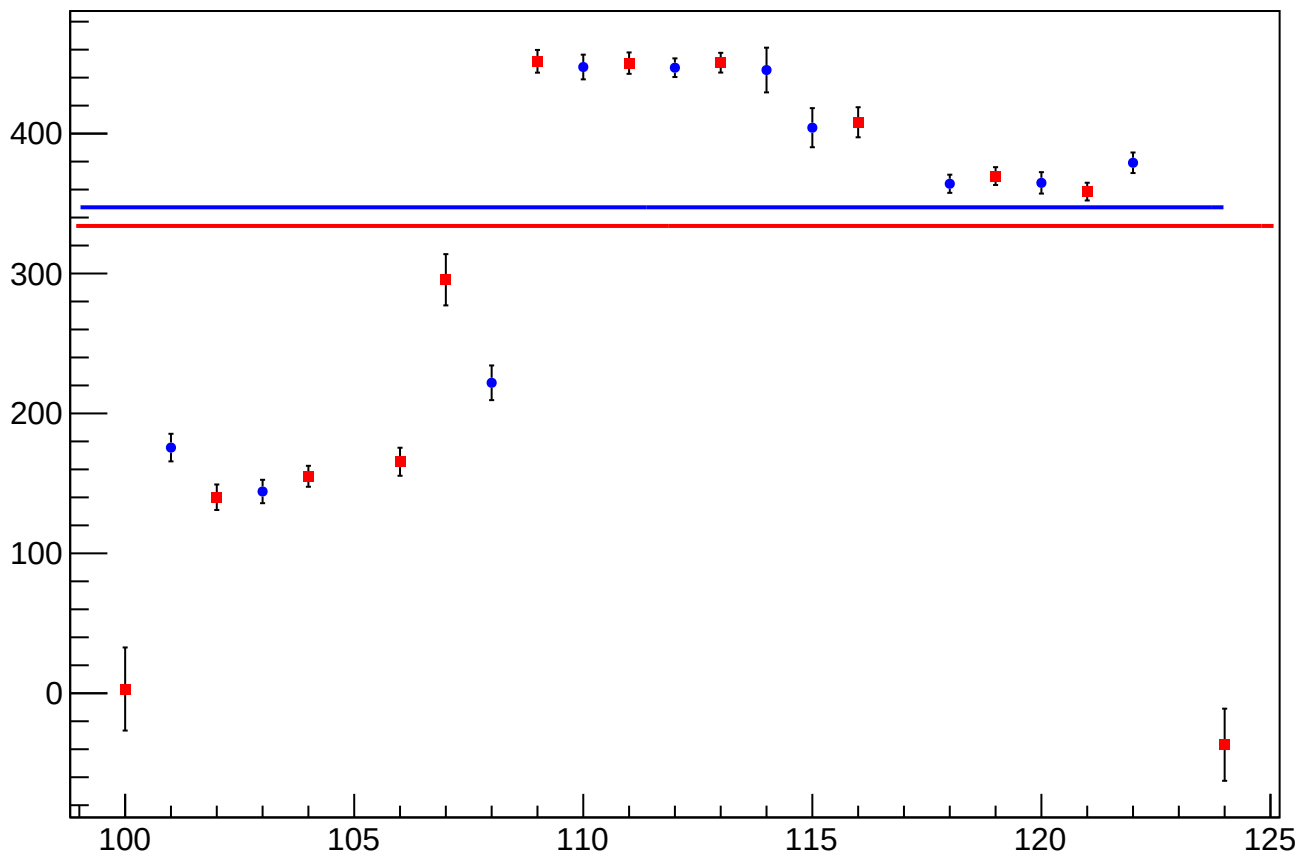
Right: 18.089 $\pm$ 1.635 χ^2 /NDF: 153.4/21

In: 15.912 $\pm$ 2.292 χ^2 /NDF: 73.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.089 $\pm$ 1.635 χ^2 /NDF: 153.4/21

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 347.317+/-2.723 χ^2/NDF : 1434.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.993+/-2.532 χ^2/NDF : 2450.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

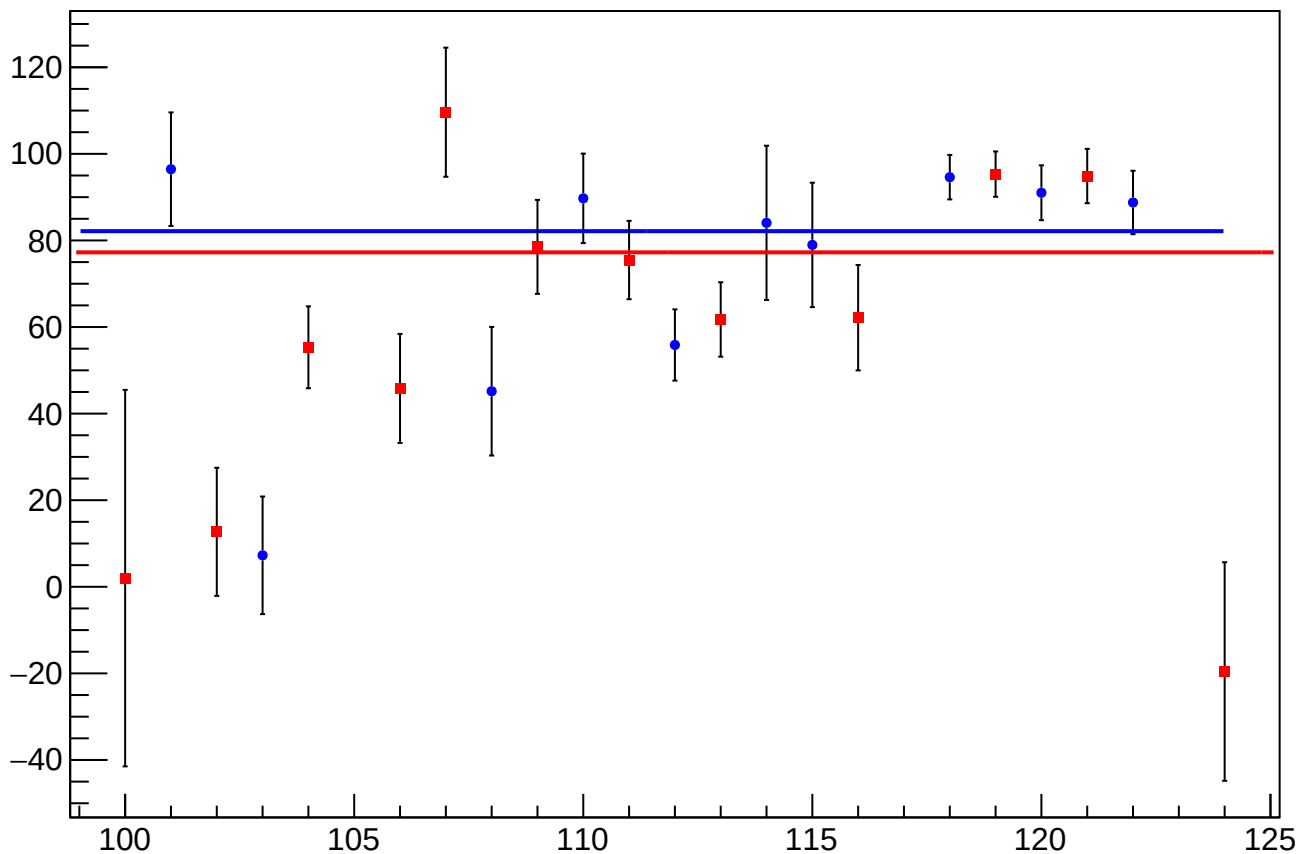
Right: 340.171+/-1.854 χ^2/NDF : 3898.5/21

In: 347.317+/-2.723 χ^2/NDF : 1434.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.171+/-1.854 χ^2/NDF : 3898.5/21

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 82.143+/-2.781 χ^2/NDF : 57.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.250+/-2.758 χ^2/NDF : 77.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

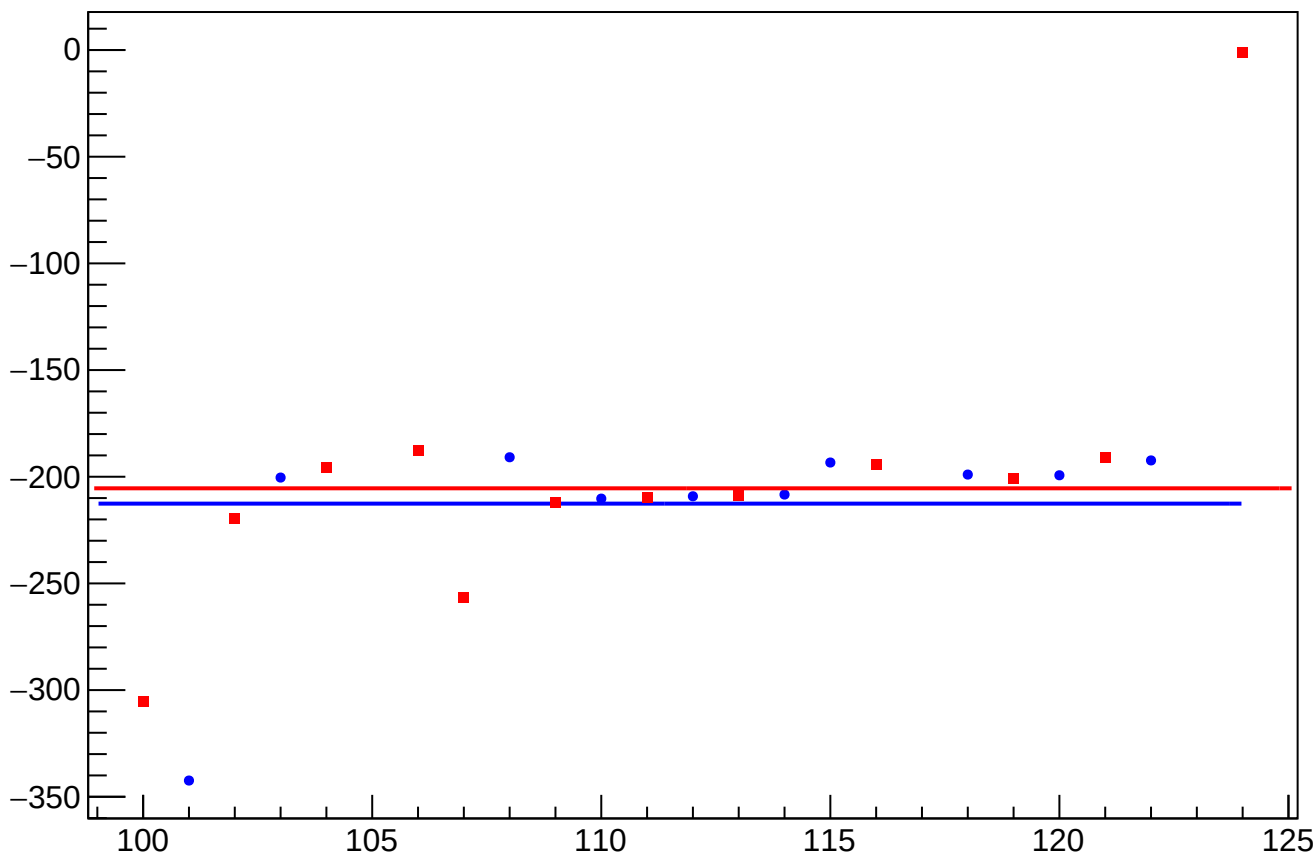
Right: 79.676+/-1.958 χ^2/NDF : 136.5/21

In: 82.143+/-2.781 χ^2/NDF : 57.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.676+/-1.958 χ^2/NDF : 136.5/21

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -212.605+/-0.177 χ^2/NDF : 54630.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -205.426+/-0.162 χ^2/NDF : 24457.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

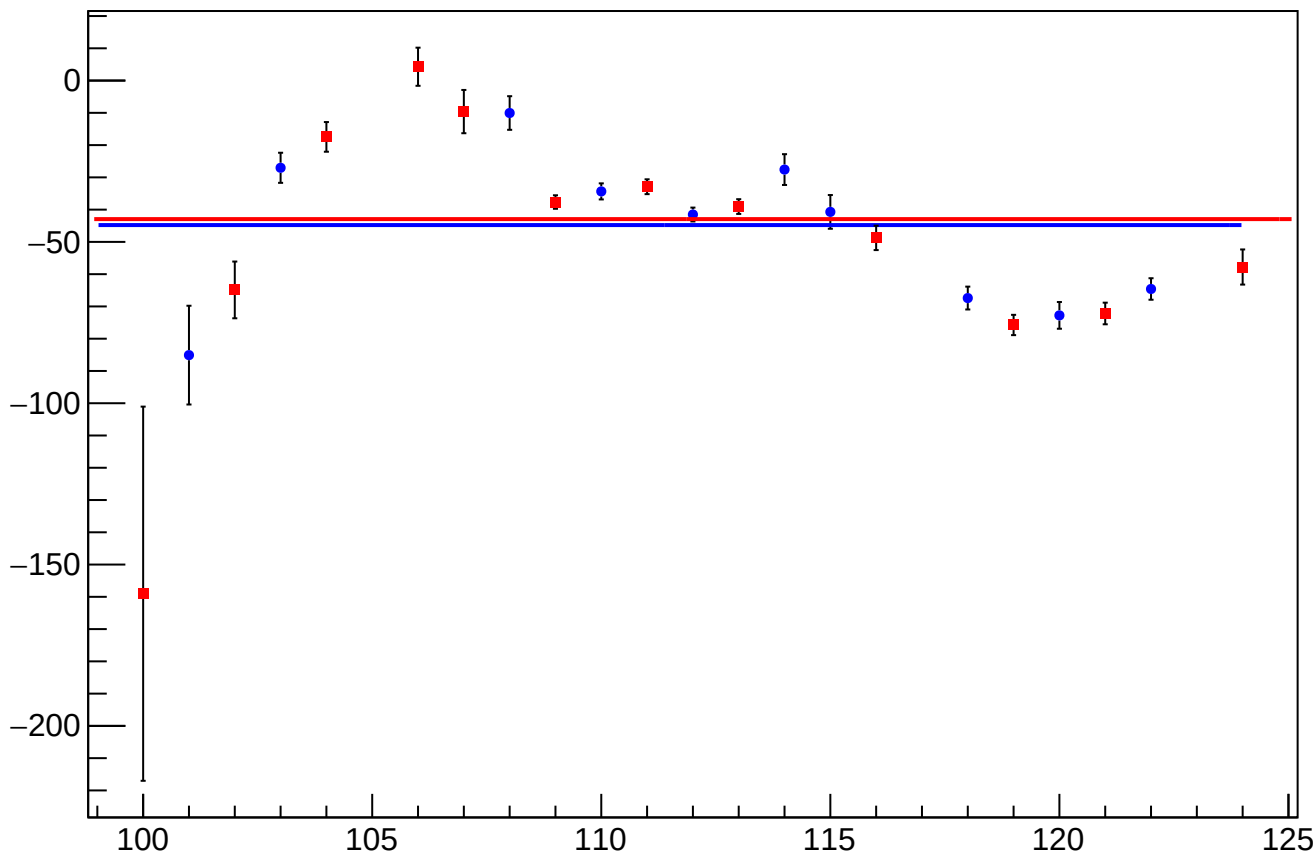
Right: -208.703+/-0.120 χ^2/NDF : 79978.7/21

In: -212.605+/-0.177 χ^2/NDF : 54630.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.703+/-0.120 χ^2/NDF : 79978.7/21

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -44.783+/-1.137 χ^2/NDF : 221.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.935+/-0.993 χ^2/NDF : 352.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

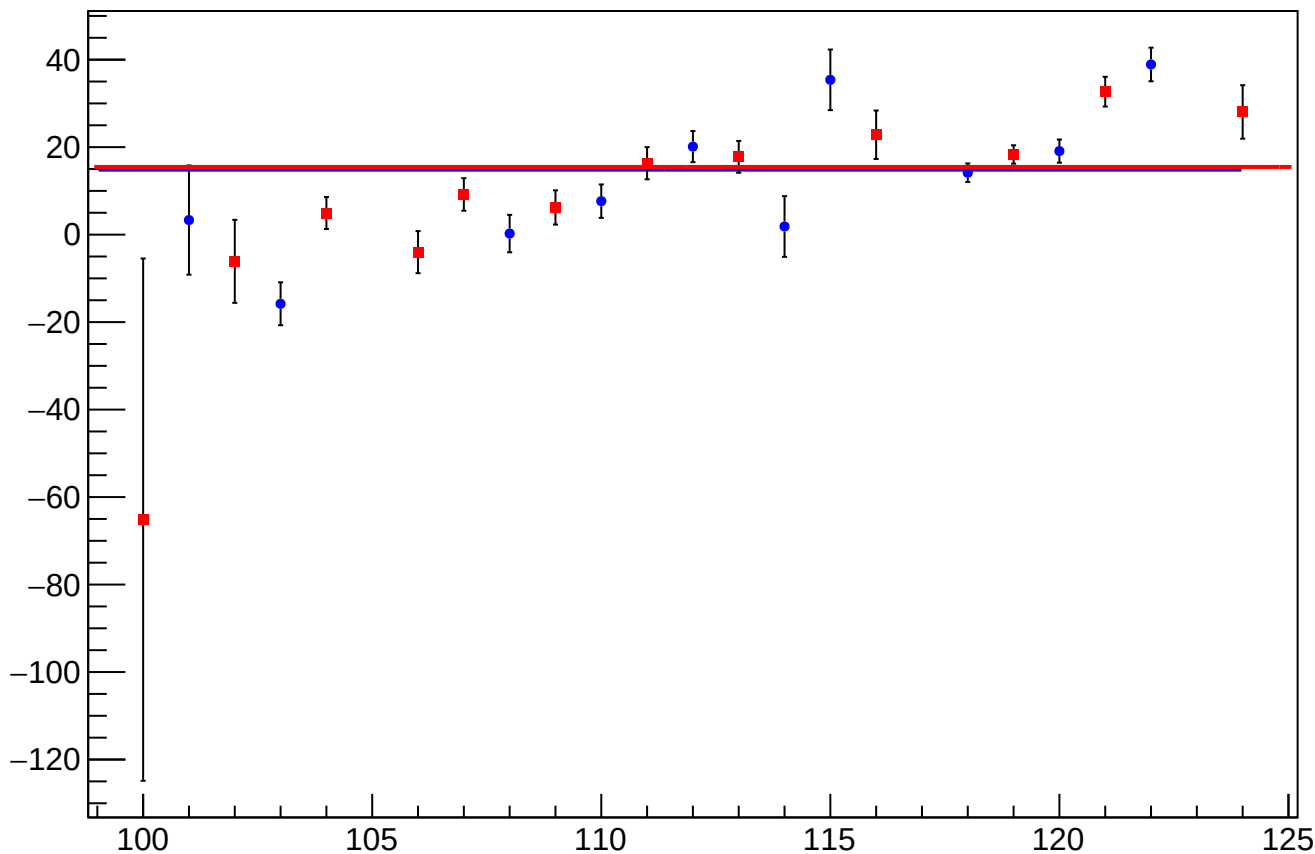
Right: -43.735+/-0.748 χ^2/NDF : 575.3/21

In: -44.783+/-1.137 χ^2/NDF : 221.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.735+/-0.748 χ^2/NDF : 575.3/21

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.868+/-1.175 χ^2/NDF : 111.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.476+/-1.125 χ^2/NDF : 74.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

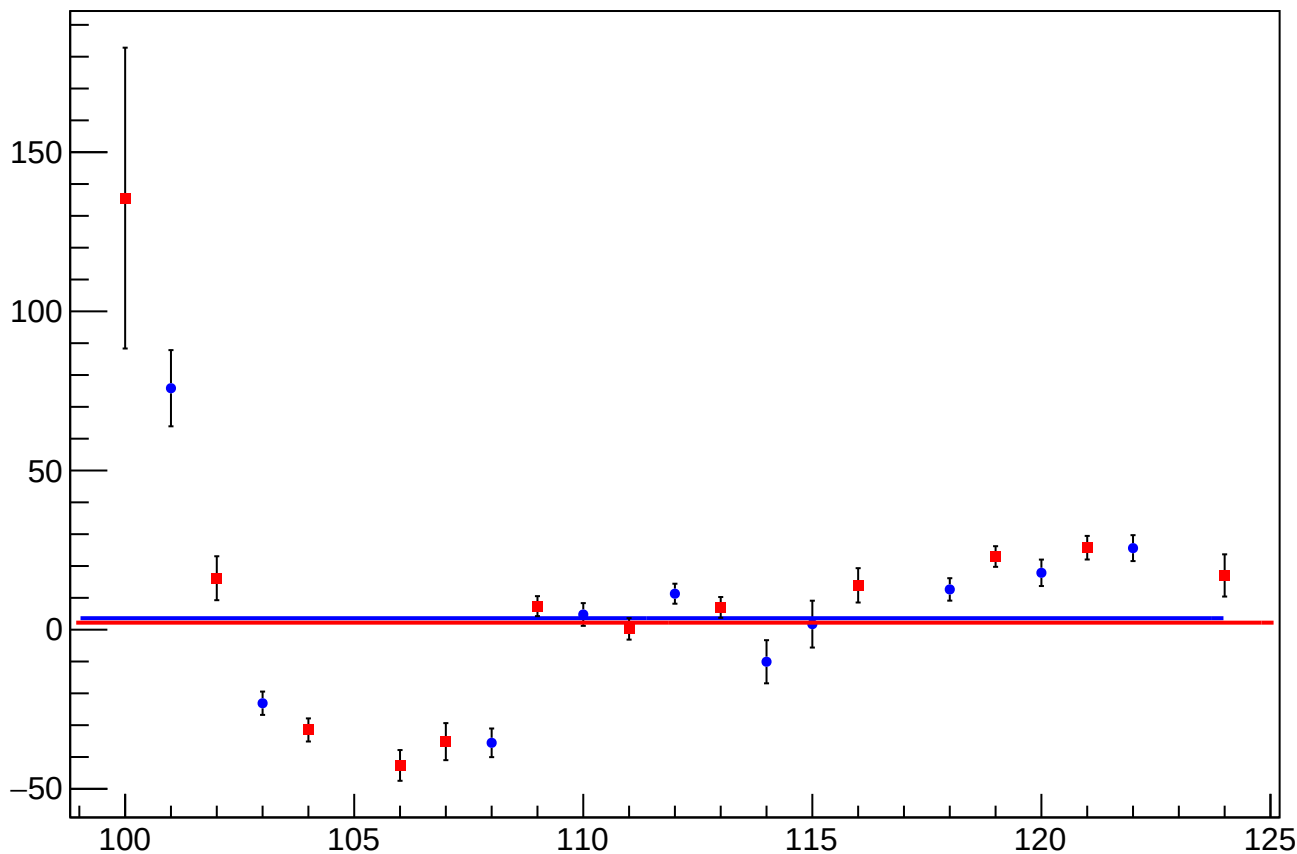
Right: 15.185+/-0.813 χ^2/NDF : 185.8/21

In: 14.868+/-1.175 χ^2/NDF : 111.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.185+/-0.813 χ^2/NDF : 185.8/21

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.605+/-1.349 χ^2/NDF : 223.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.206+/-1.215 χ^2/NDF : 322.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

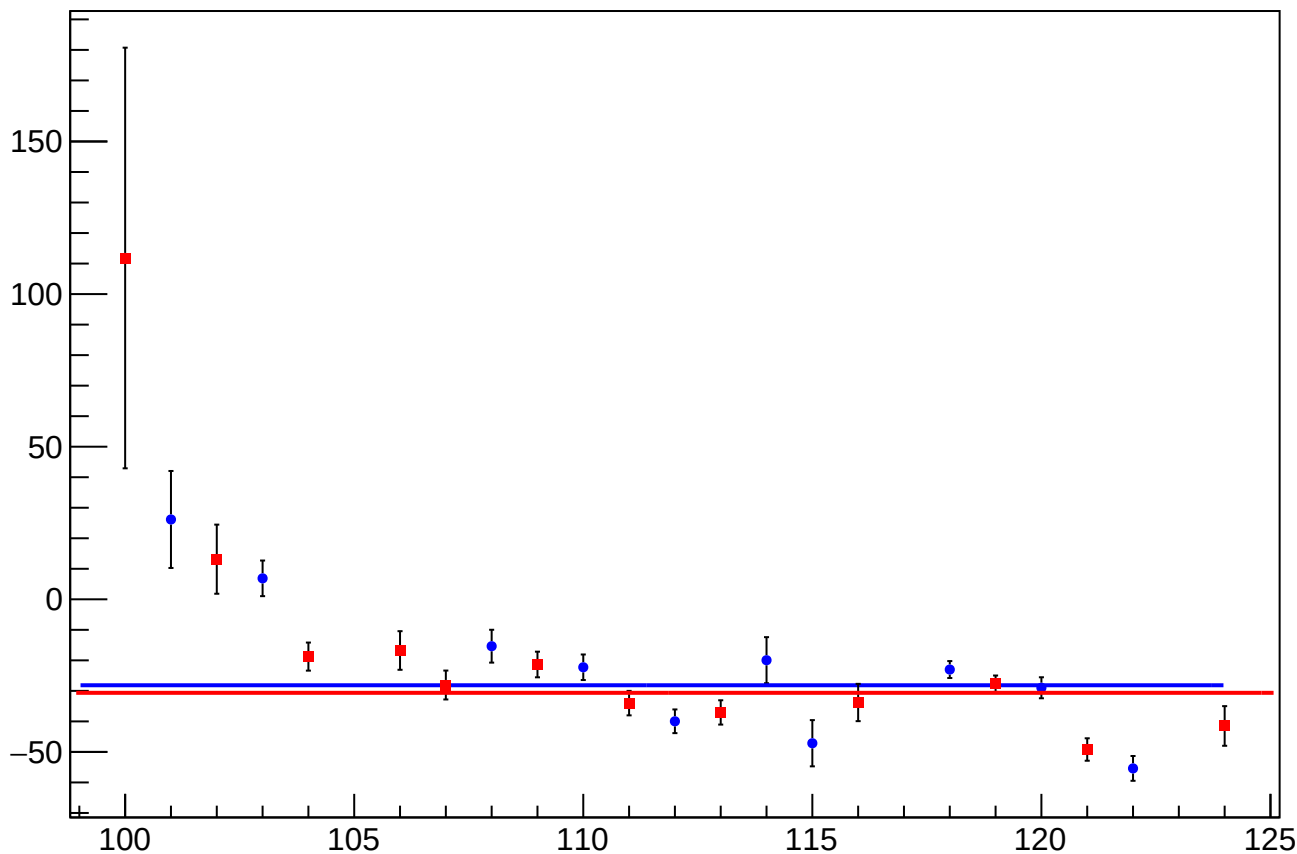
Right: 2.833+/-0.903 χ^2/NDF : 545.8/21

In: 3.605+/-1.349 χ^2/NDF : 223.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.833+/-0.903 χ^2/NDF : 545.8/21

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.157 ± 1.412 $\chi^2/\text{NDF}: 120.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.637 ± 1.325 $\chi^2/\text{NDF}: 69.0/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

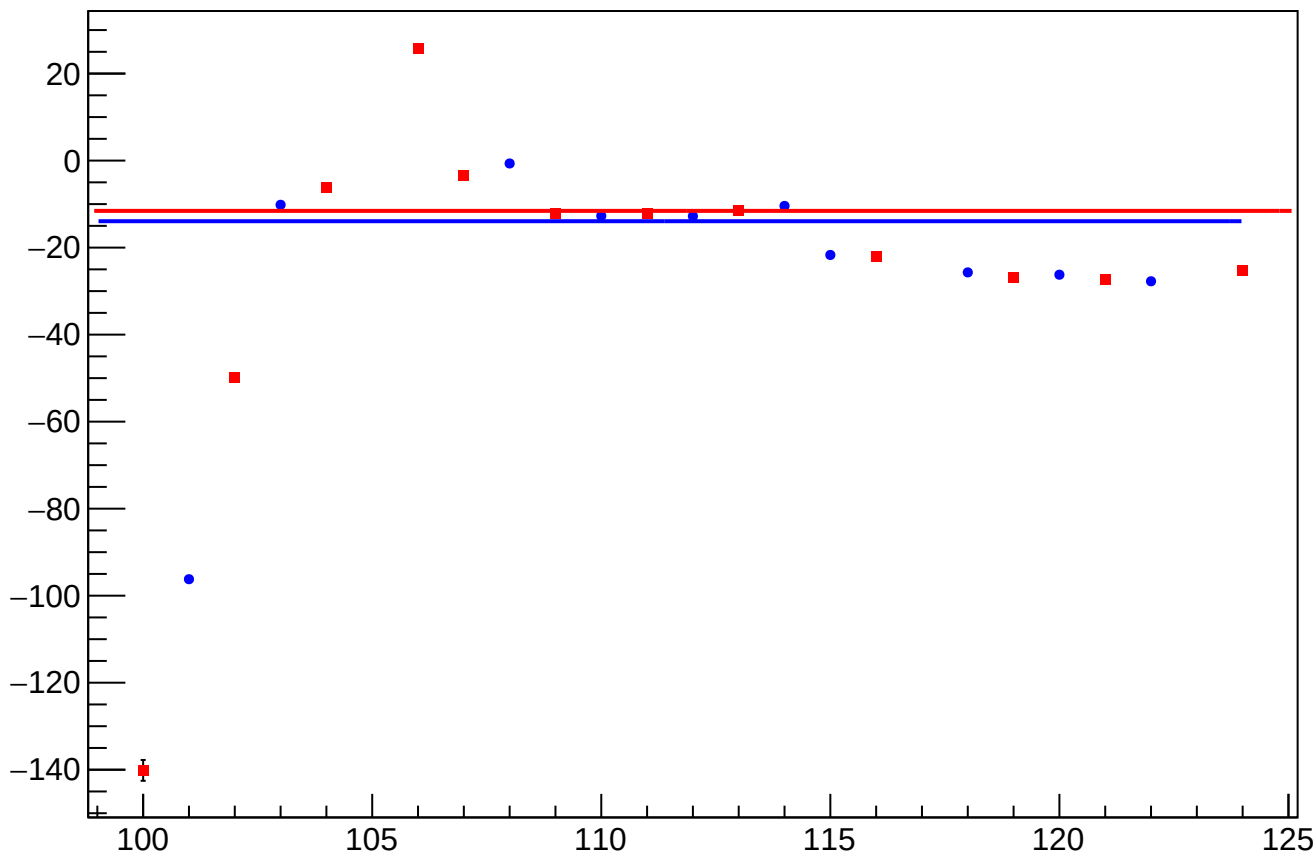
Right: -29.476 ± 0.966 $\chi^2/\text{NDF}: 191.2/21$

In: -28.157 ± 1.412 $\chi^2/\text{NDF}: 120.5/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.476 ± 0.966 $\chi^2/\text{NDF}: 191.2/21$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.933+/-0.084 χ^2/NDF : 24862.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.556+/-0.077 χ^2/NDF : 55206.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

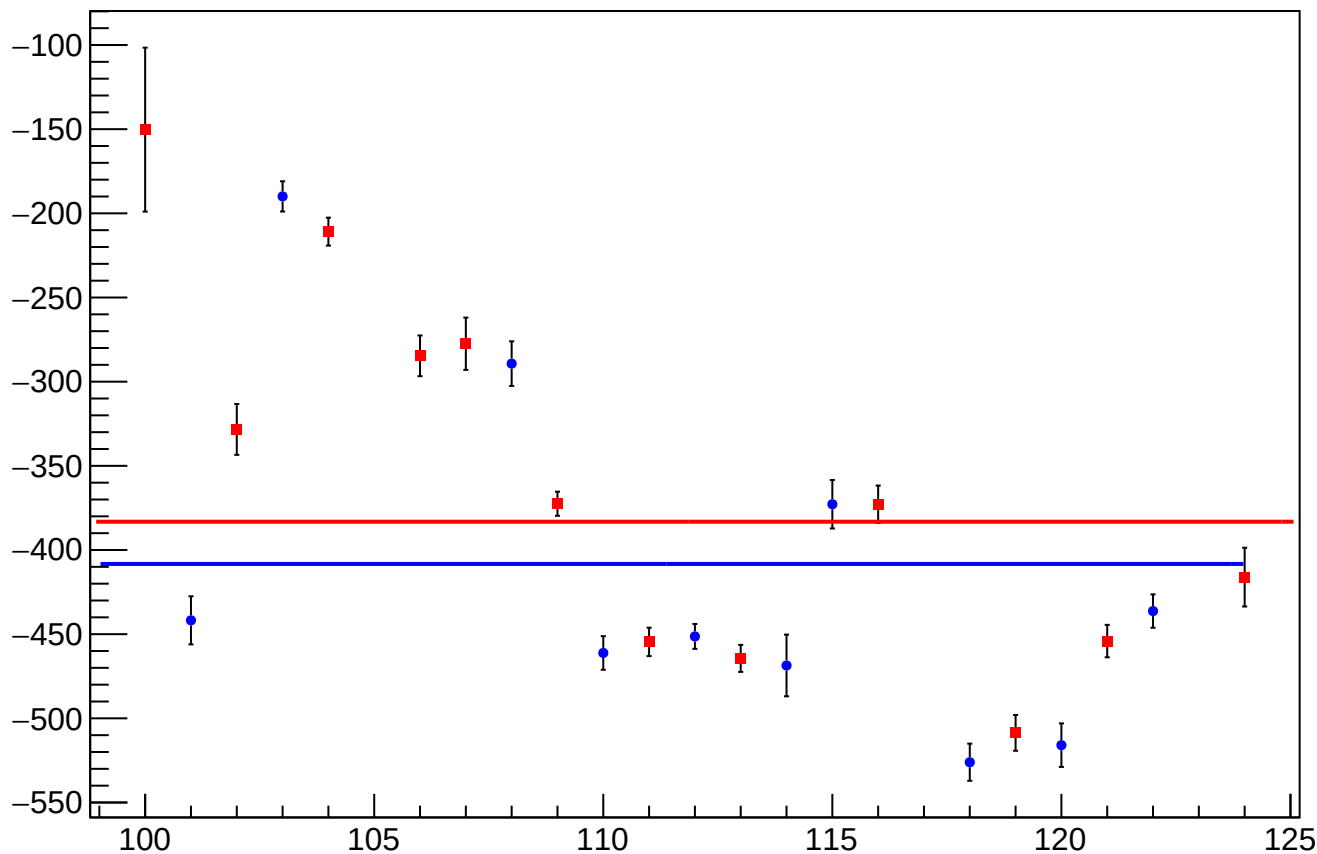
Right: -12.649+/-0.057 χ^2/NDF : 80503.5/21

In: -13.933+/-0.084 χ^2/NDF : 24862.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.649+/-0.057 χ^2/NDF : 80503.5/21

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -408.277+/-3.462 χ^2/NDF : 947.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -383.192+/-3.010 χ^2/NDF : 954.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

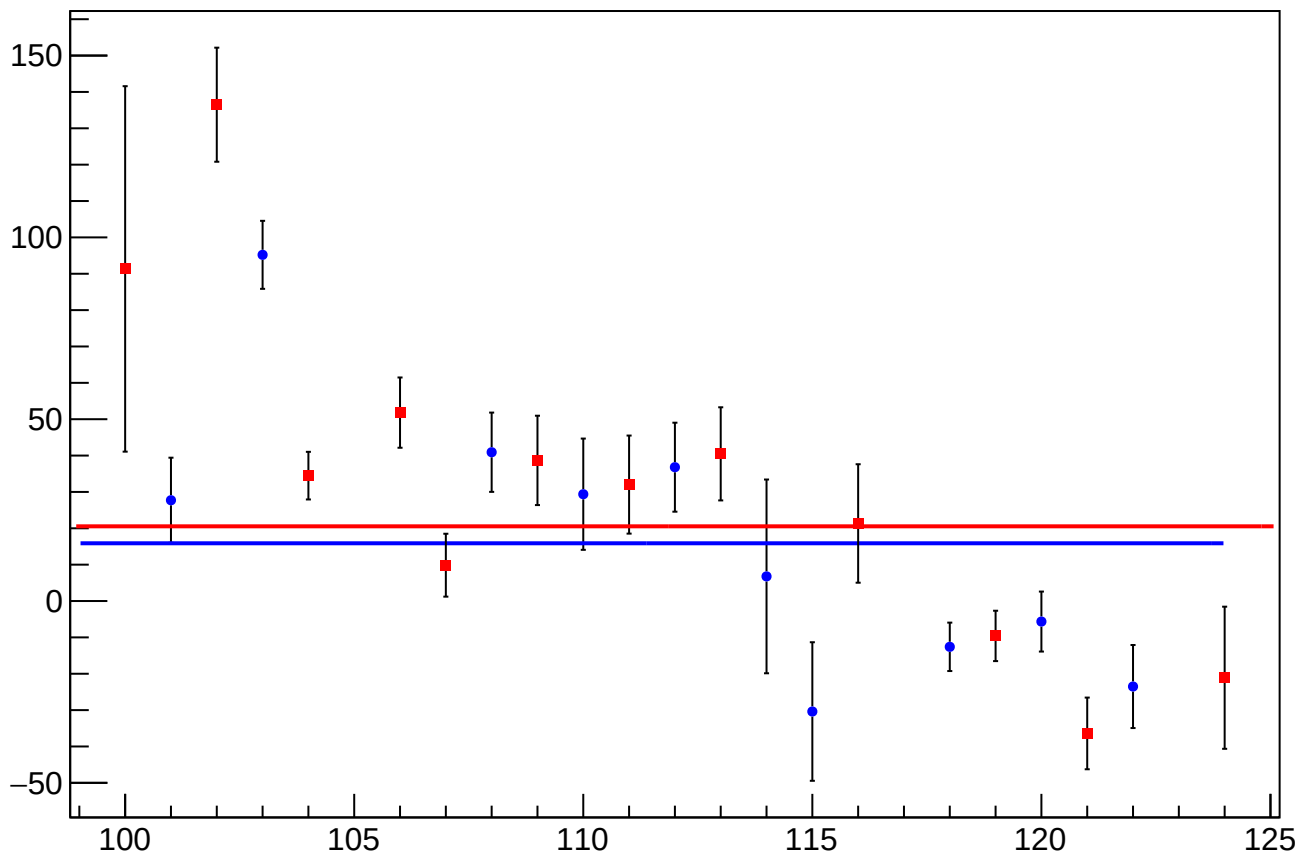
Right: -393.991+/-2.271 χ^2/NDF : 1932.1/21

In: -408.277+/-3.462 χ^2/NDF :947.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -393.991+/-2.271 χ^2/NDF : 1932.1/21

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.879+/-3.386 χ^2/NDF : 125.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.543+/-3.049 χ^2/NDF : 135.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

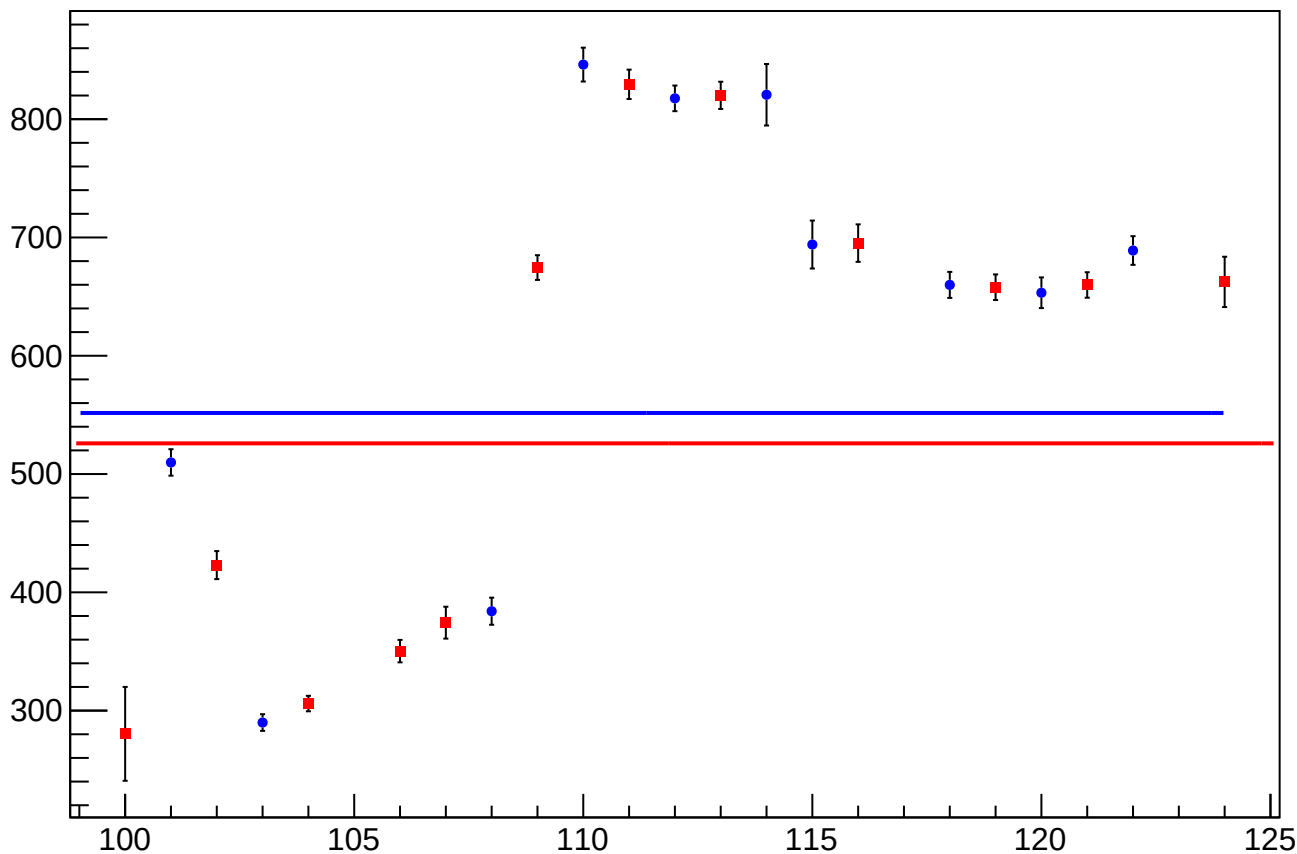
Right: 18.455+/-2.266 χ^2/NDF : 261.4/21

In: 15.879+/-3.386 χ^2/NDF :125.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.455+/-2.266 χ^2/NDF : 261.4/21

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 551.636+/-3.673 χ^2/NDF : 3077.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 525.947+/-3.256 χ^2/NDF : 3627.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

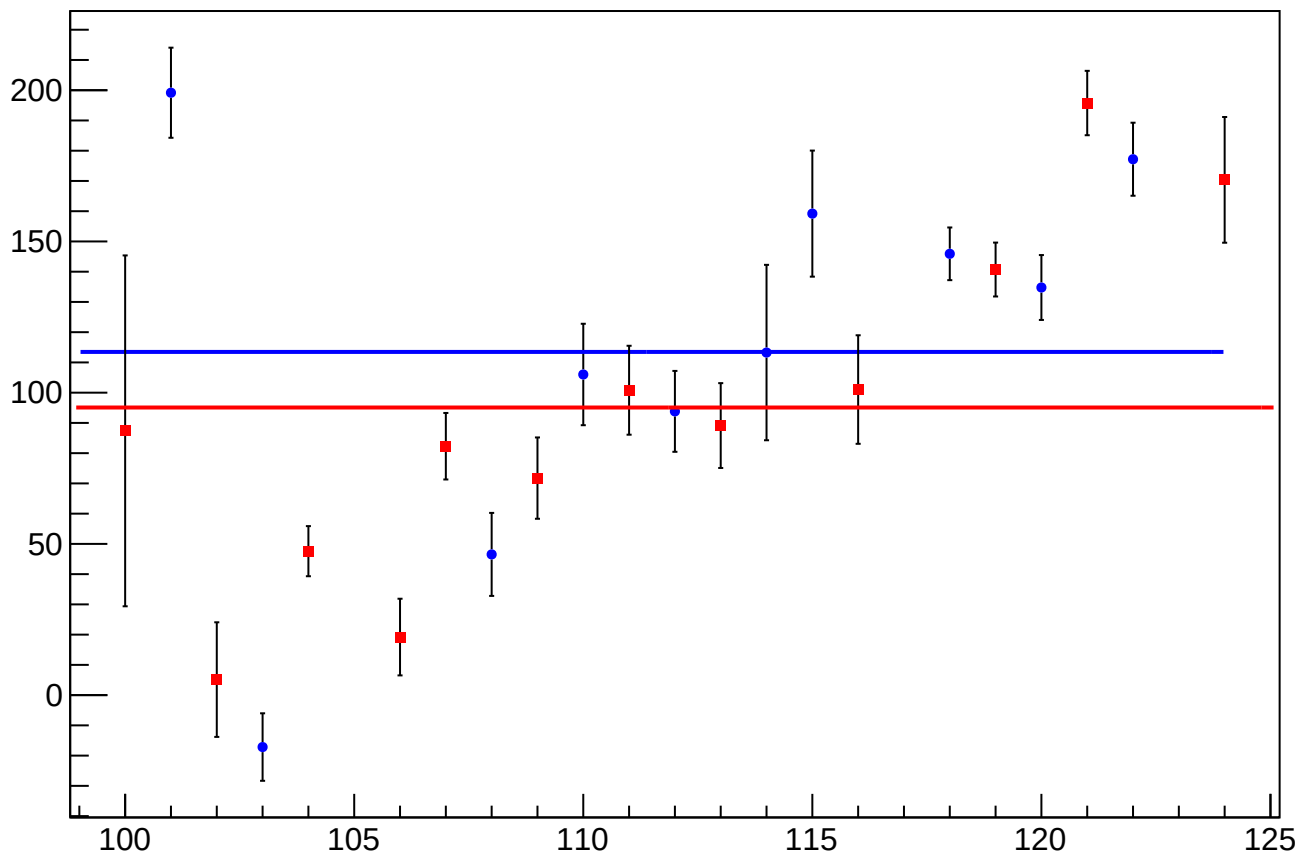
Right: 537.250+/-2.436 χ^2/NDF : 6732.8/21

In: 551.636+/-3.673 χ^2/NDF :3077.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 537.250+/-2.436 χ^2/NDF : 6732.8/21

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 113.473+/-4.109 χ^2/NDF : 246.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.095+/-3.670 χ^2/NDF : 224.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

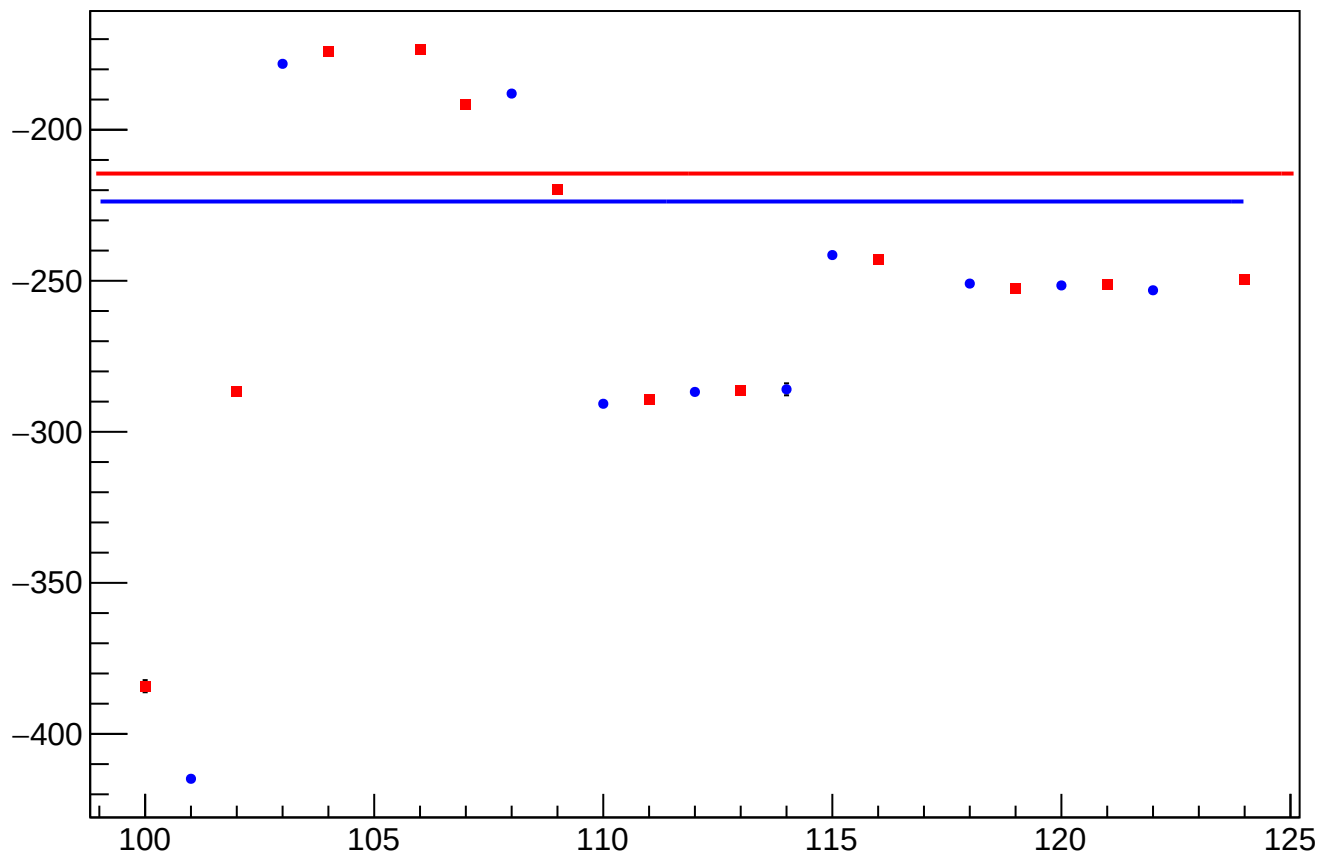
Right: 103.250+/-2.737 χ^2/NDF : 482.8/21

In: 113.473+/-4.109 χ^2/NDF : 246.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.250+/-2.737 χ^2/NDF : 482.8/21

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -223.749+/-0.202 χ^2/NDF : 124244.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -214.499+/-0.185 χ^2/NDF : 68651.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

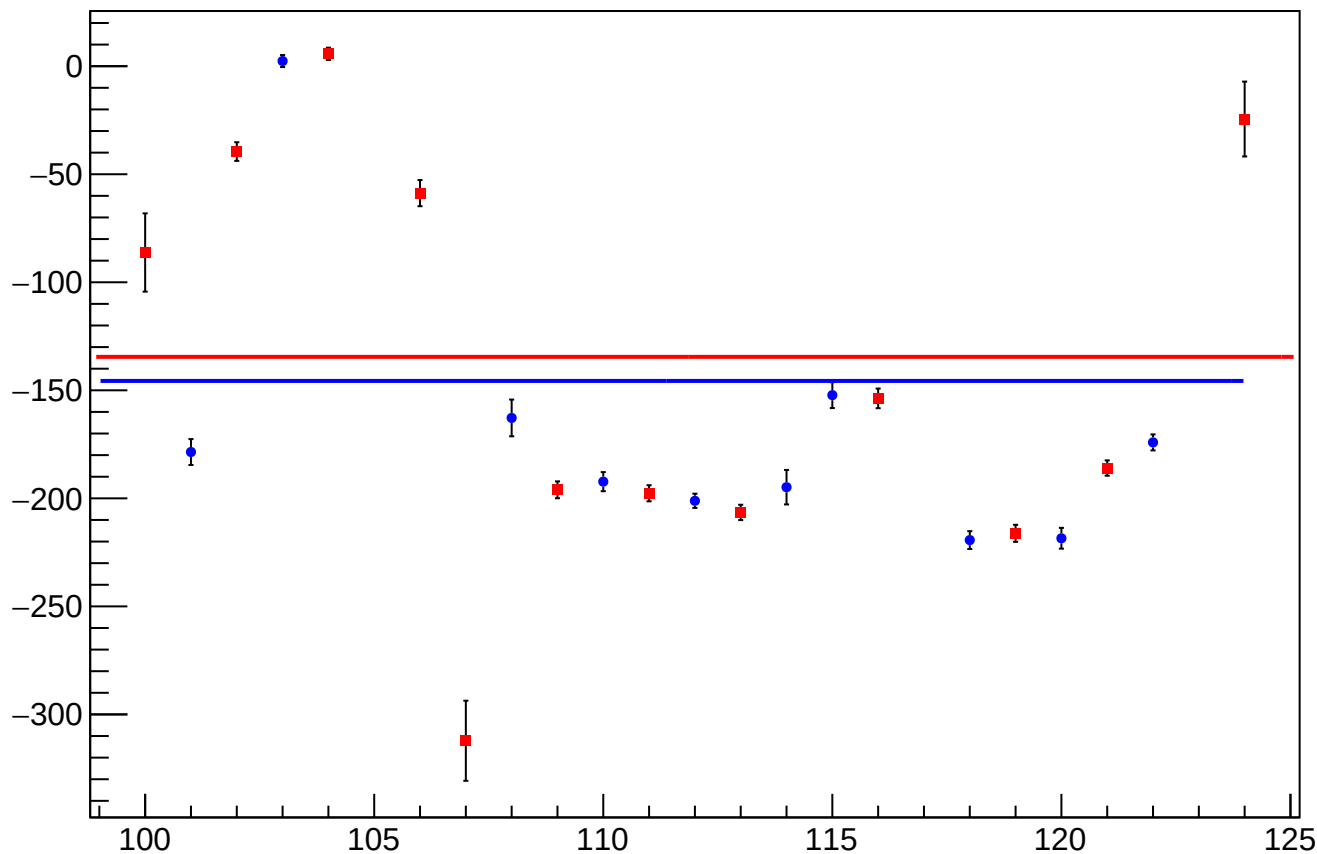
Right: -218.725+/-0.136 χ^2/NDF : 194036.9/21

In: -223.749+/-0.202 χ^2/NDF : 124244.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.725+/-0.136 χ^2/NDF : 194036.9/21

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -145.660 ± 1.370 χ^2/NDF : 3912.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -134.515 ± 1.267 χ^2/NDF : 4821.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

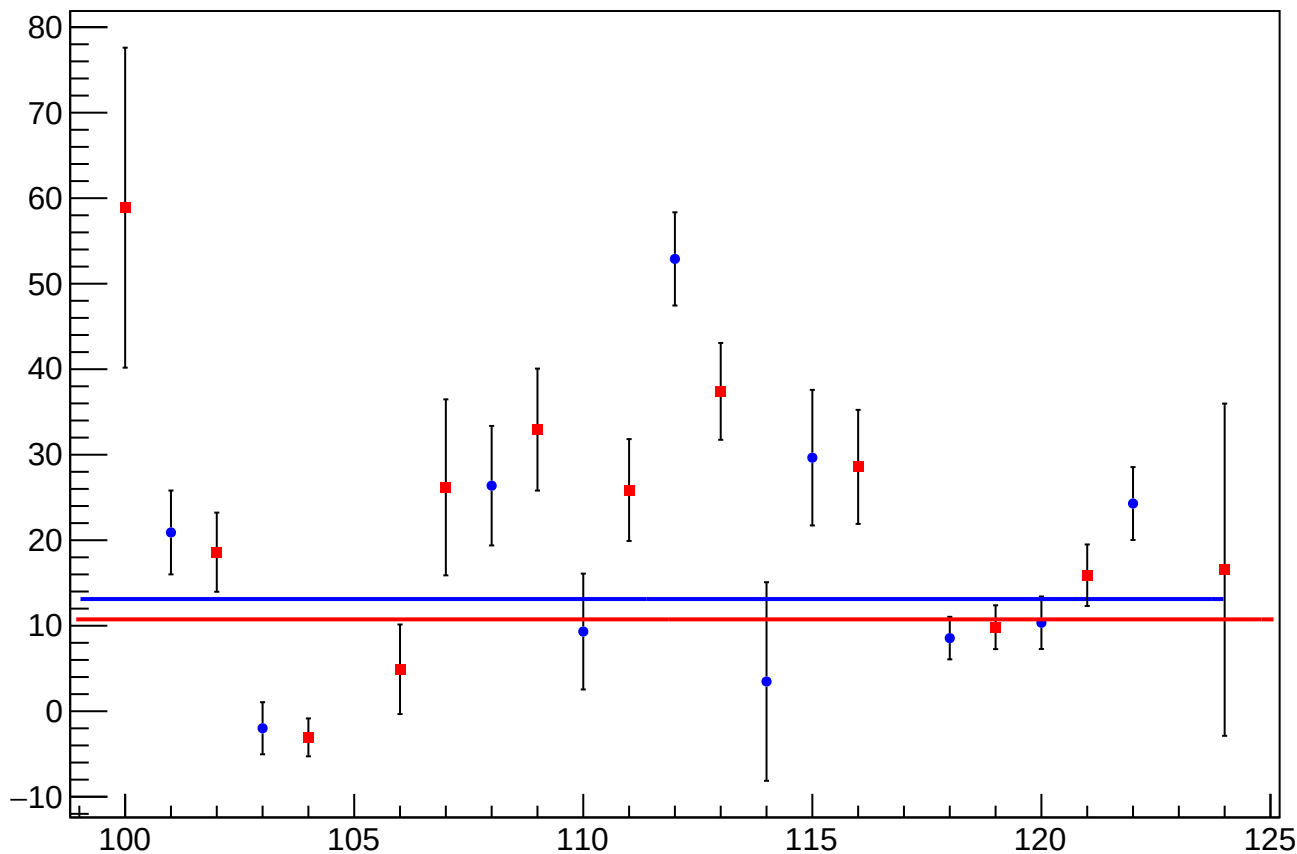
Right: -139.654 ± 0.930 χ^2/NDF : 8769.7/21

In: -145.660 ± 1.370 χ^2/NDF : 3912.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -139.654 ± 0.930 χ^2/NDF : 8769.7/21

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.120+/-1.323 χ^2/NDF : 100.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.744+/-1.257 χ^2/NDF : 99.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

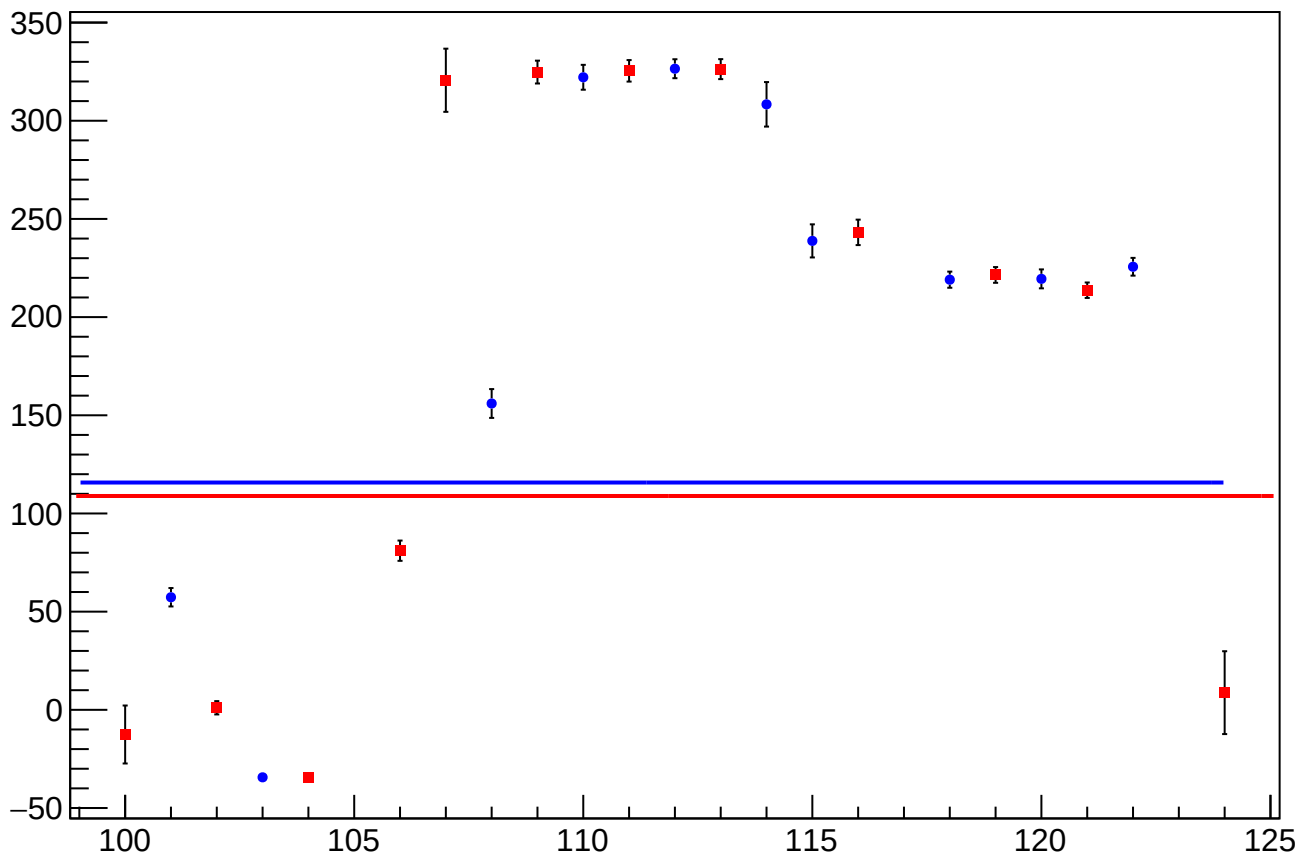
Right: 11.872+/-0.911 χ^2/NDF : 201.5/21

In: 13.120+/-1.323 χ^2/NDF : 100.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.872+/-0.911 χ^2/NDF : 201.5/21

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 115.757+/-1.394 χ^2/NDF : 10069.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.901+/-1.305 χ^2/NDF : 12091.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

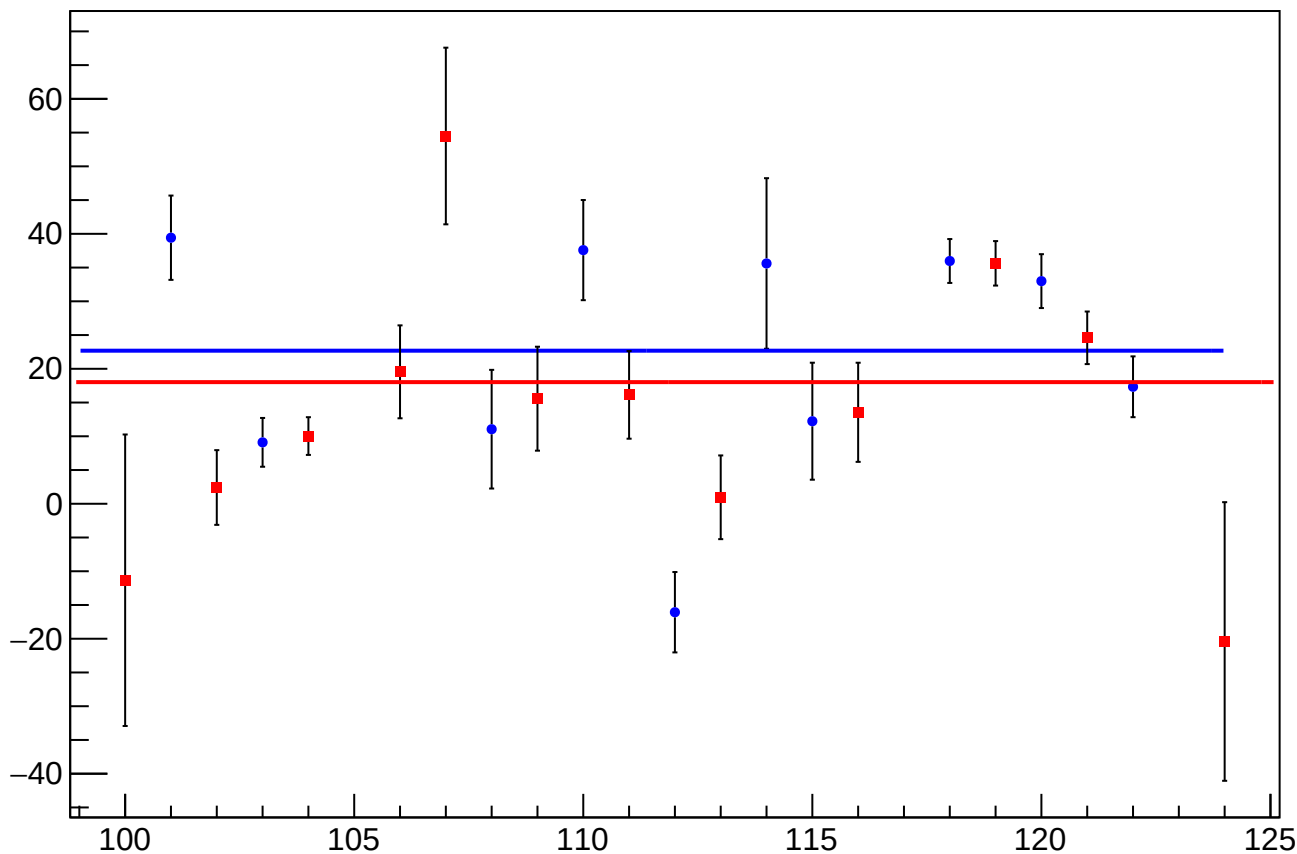
Right: 112.104+/-0.953 χ^2/NDF : 22173.3/21

In: 115.757+/-1.394 χ^2/NDF : 10069.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.104+/-0.953 χ^2/NDF : 22173.3/21

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.683+/-1.606 χ^2 /NDF: 96.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 18.025+/-1.516 χ^2 /NDF: 68.8/11

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

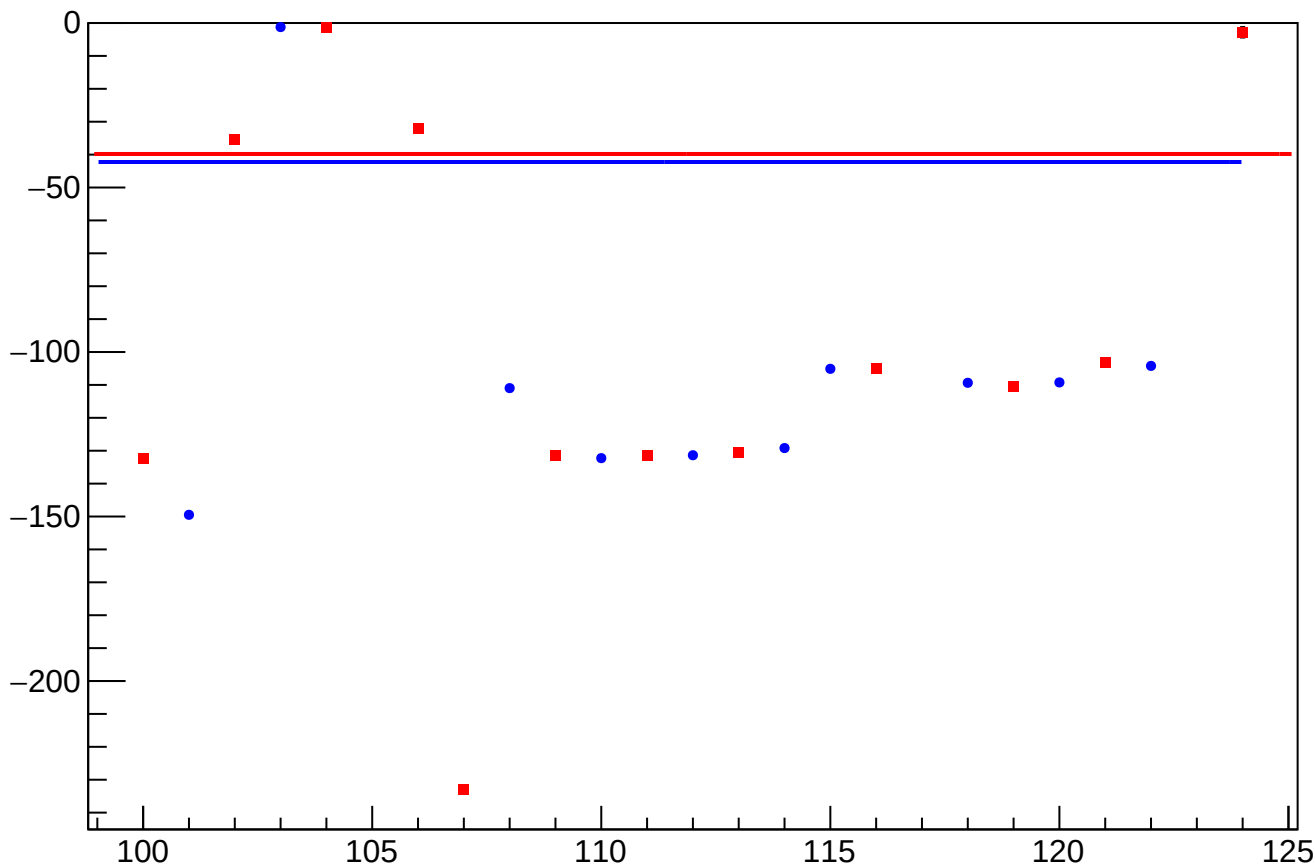
Right: 20.219+/-1.103 χ^2 /NDF: 169.9/21

In: 22.683+/-1.606 χ^2 /NDF: 96.7/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 20.219+/-1.103 χ^2 /NDF: 169.9/21

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -42.243+/-0.074 χ^2/NDF : 615632.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -39.807+/-0.069 χ^2/NDF : 491689.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

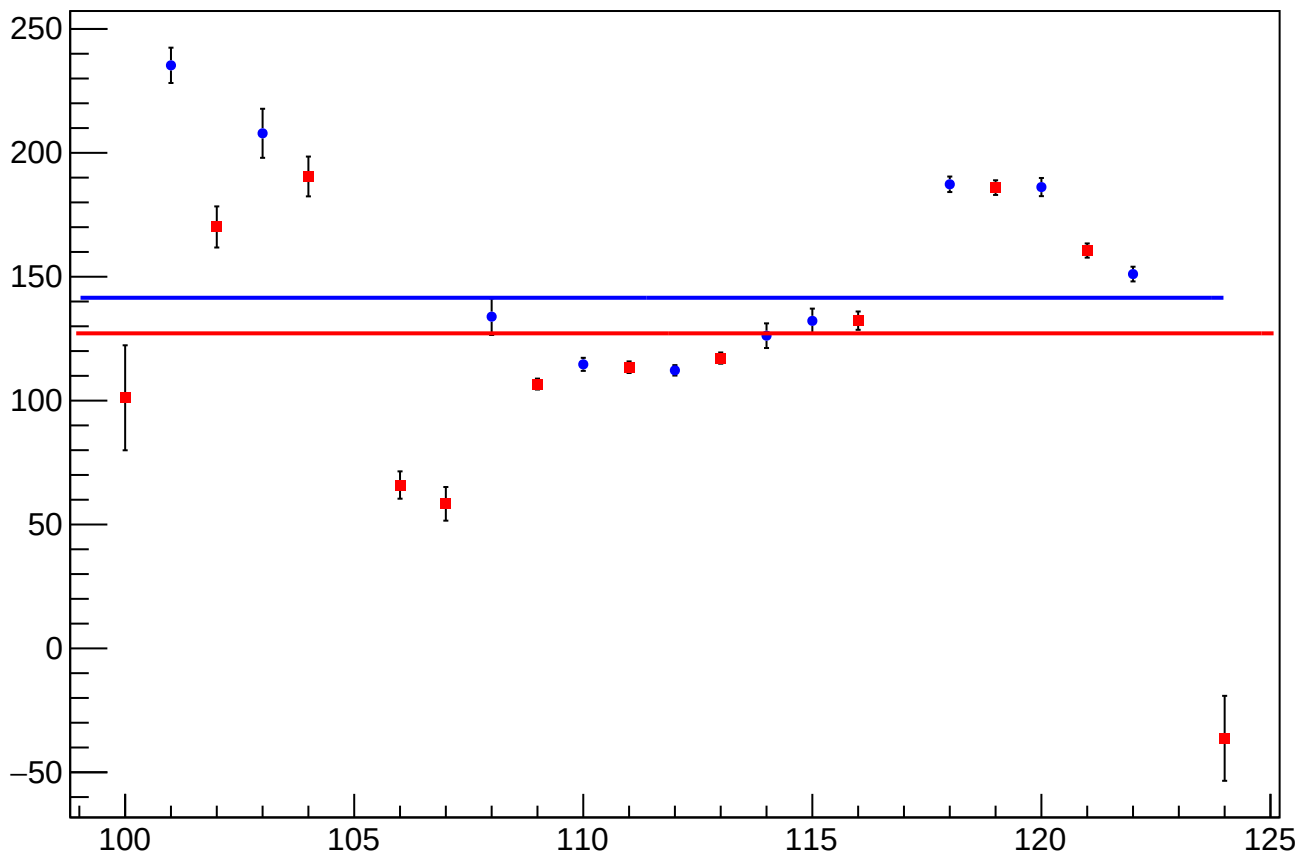
Right: -40.954+/-0.050 χ^2/NDF : 1107903.1/21

In: -42.243+/-0.074 χ^2/NDF :615632.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -40.954+/-0.050 χ^2/NDF : 1107903.1/21

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 141.513+/-1.126 χ^2/NDF : 902.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.154+/-1.009 χ^2/NDF : 1079.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

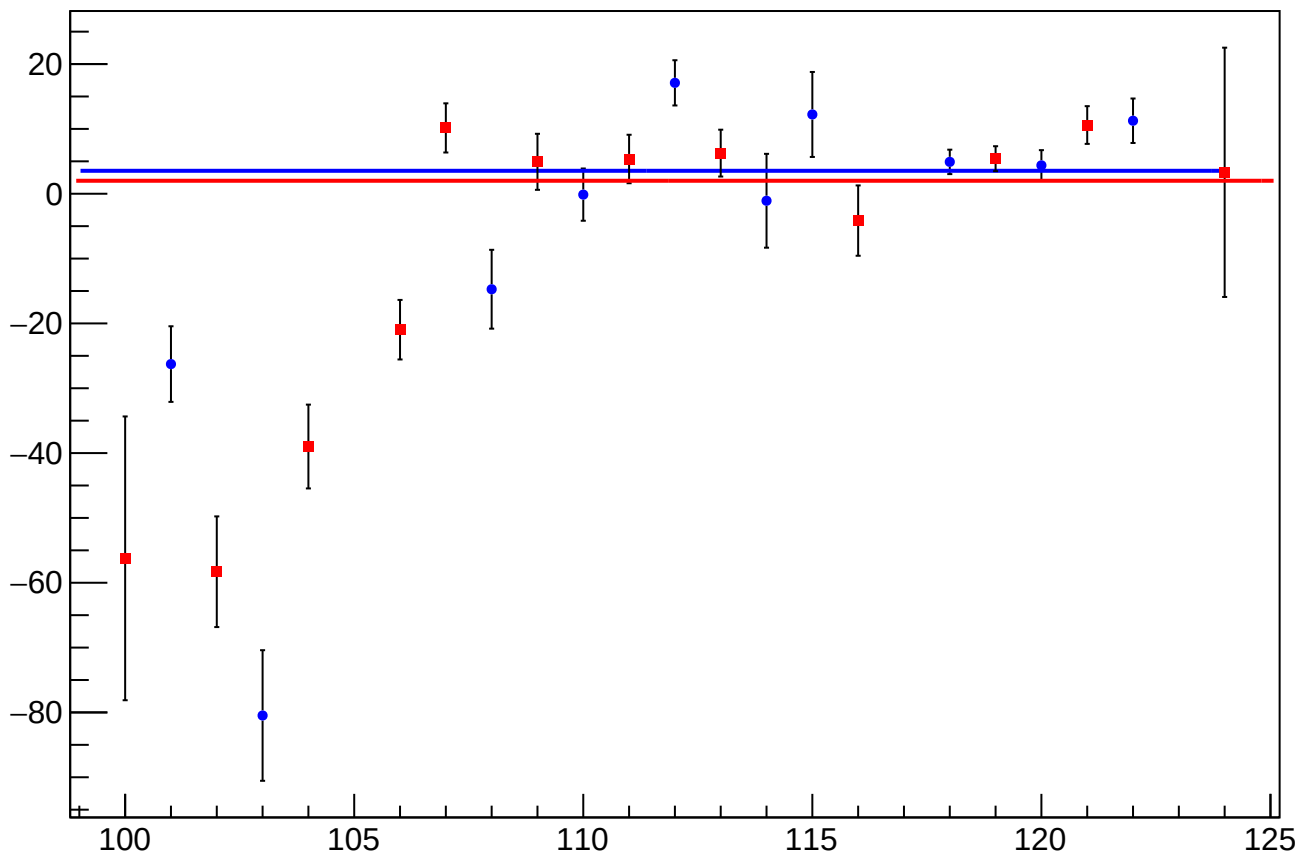
Right: 133.550+/-0.751 χ^2/NDF : 2072.6/21

In: 141.513+/-1.126 χ^2/NDF : 902.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.550+/-0.751 χ^2/NDF : 2072.6/21

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.539+/-1.117 χ^2/NDF : 128.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.002+/-1.130 χ^2/NDF : 142.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

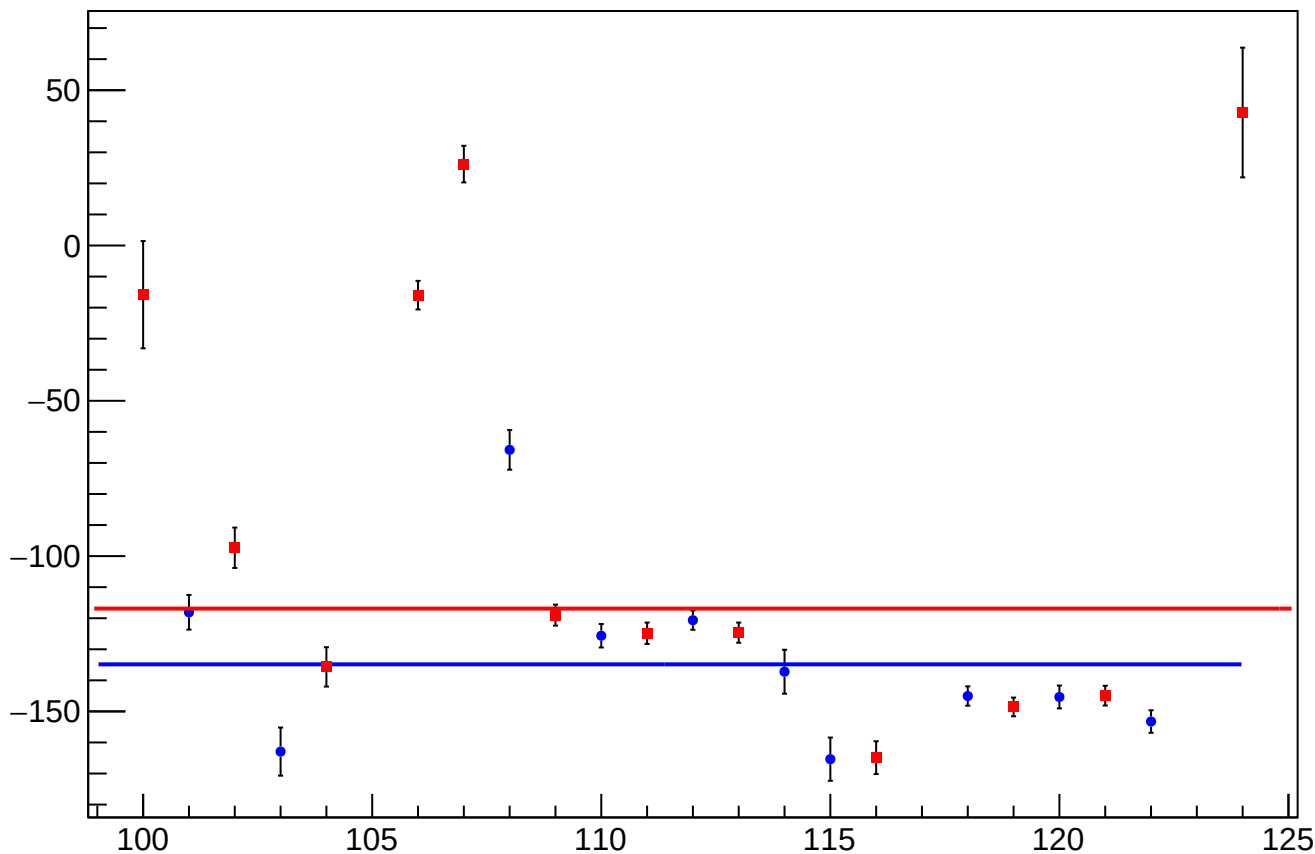
Right: 2.780+/-0.794 χ^2/NDF : 272.2/21

In: 3.539+/-1.117 χ^2/NDF : 128.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.780+/-0.794 χ^2/NDF : 272.2/21

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -134.848+/-1.358 χ^2/NDF : 230.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -116.903+/-1.247 χ^2/NDF : 1464.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

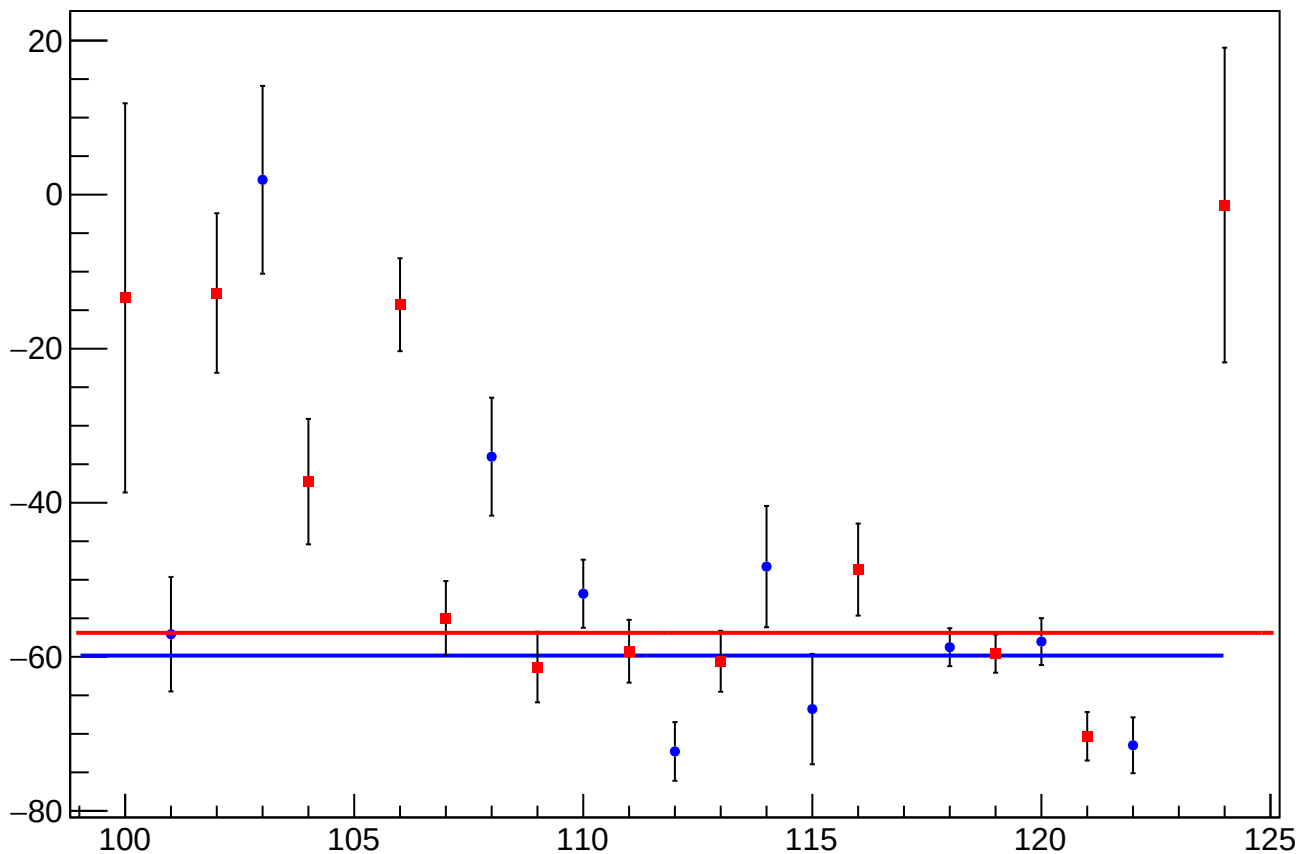
Right: -125.110+/-0.918 χ^2/NDF : 1789.4/21

In: -134.848+/-1.358 χ^2/NDF : 230.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -125.110+/-0.918 χ^2/NDF : 1789.4/21

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -59.838+/-1.352 χ^2/NDF : 65.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -56.885+/-1.332 χ^2/NDF : 107.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

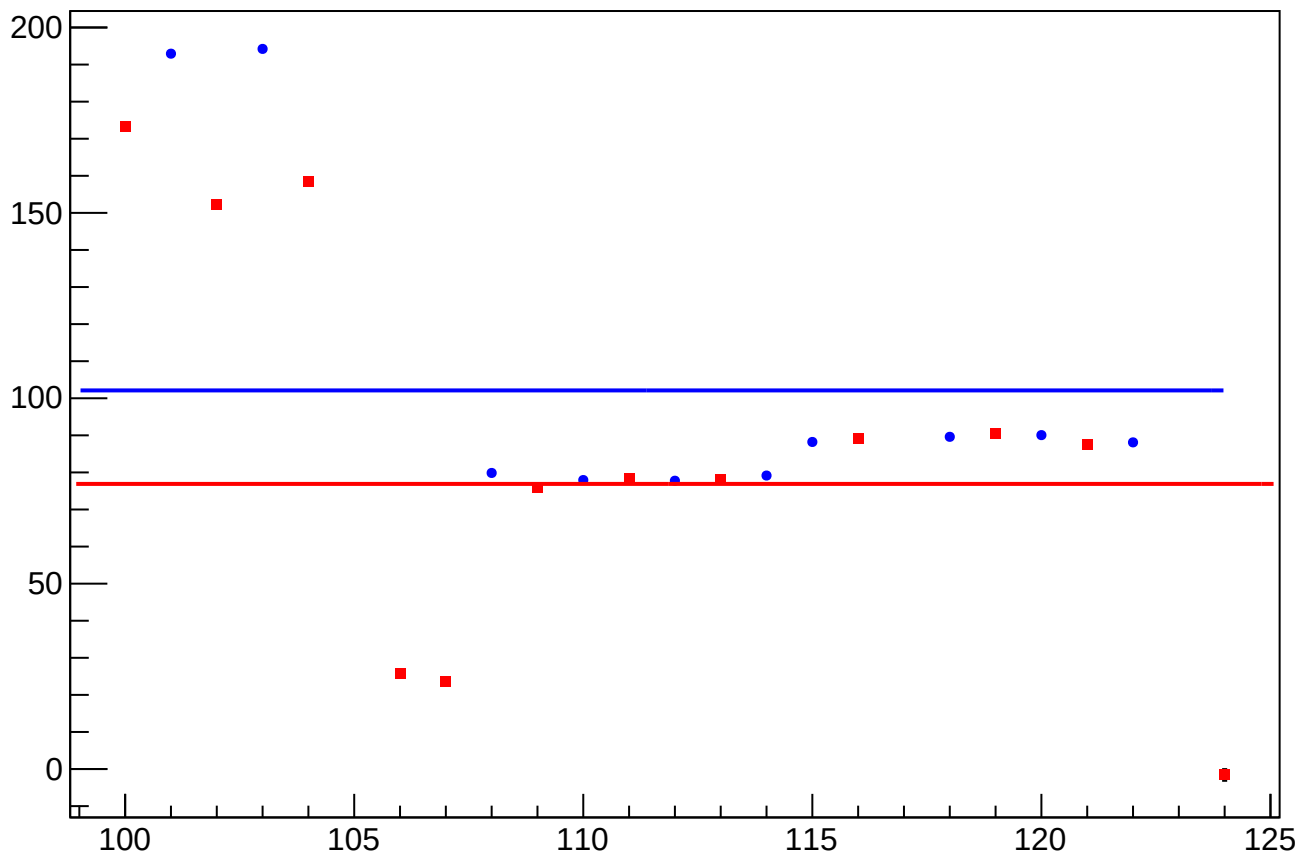
Right: -58.339+/-0.949 χ^2/NDF : 175.3/21

In: -59.838+/-1.352 χ^2/NDF :65.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -58.339+/-0.949 χ^2/NDF : 175.3/21

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 102.118+/-0.096 χ^2/NDF : 184422.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 76.901+/-0.081 χ^2/NDF : 282792.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

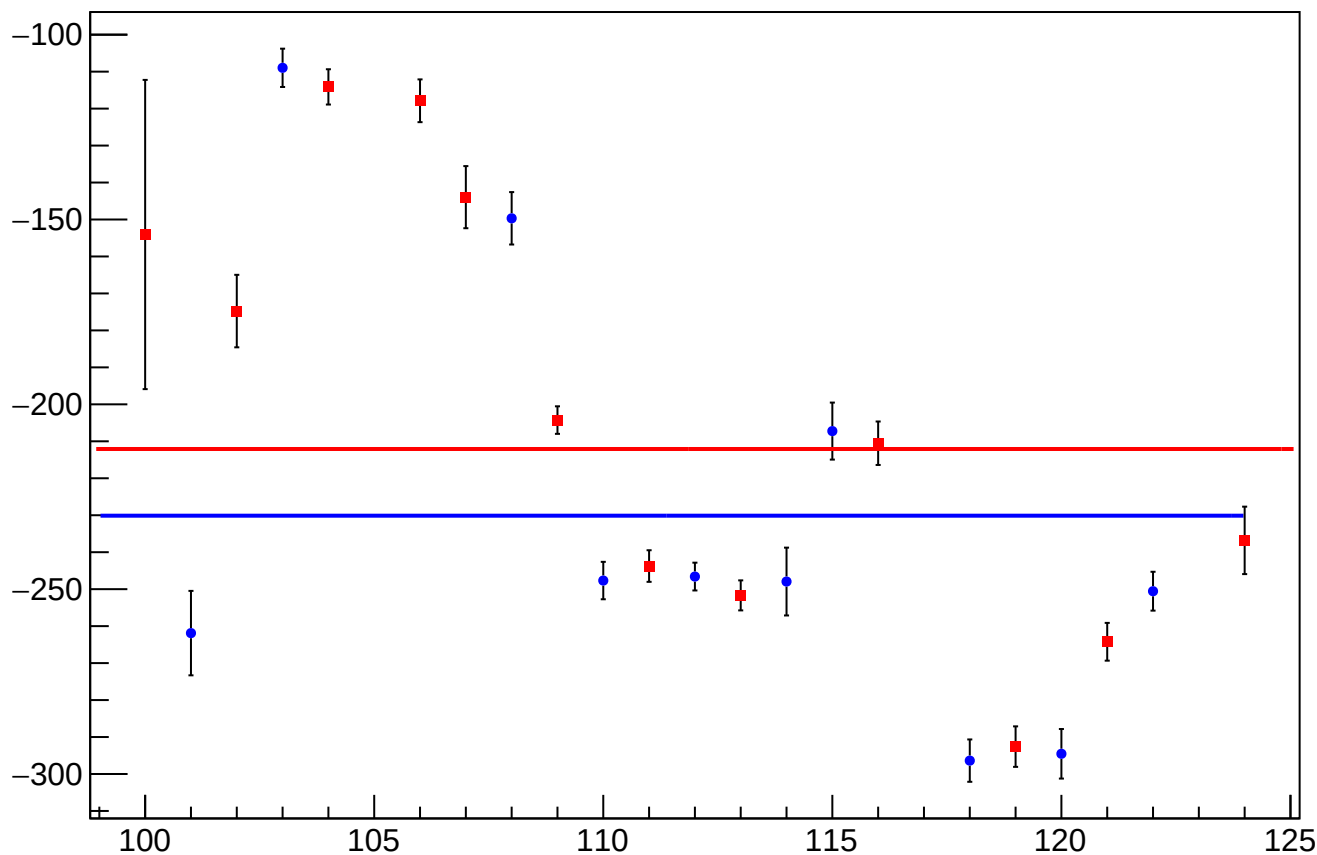
Right: 87.366+/-0.062 χ^2/NDF : 507780.0/21

In: 102.118+/-0.096 χ^2/NDF :184422.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 87.366+/-0.062 χ^2/NDF : 507780.0/21

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -230.123+/-1.850 χ^2 /NDF: 968.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -212.081+/-1.583 χ^2 /NDF: 1250.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

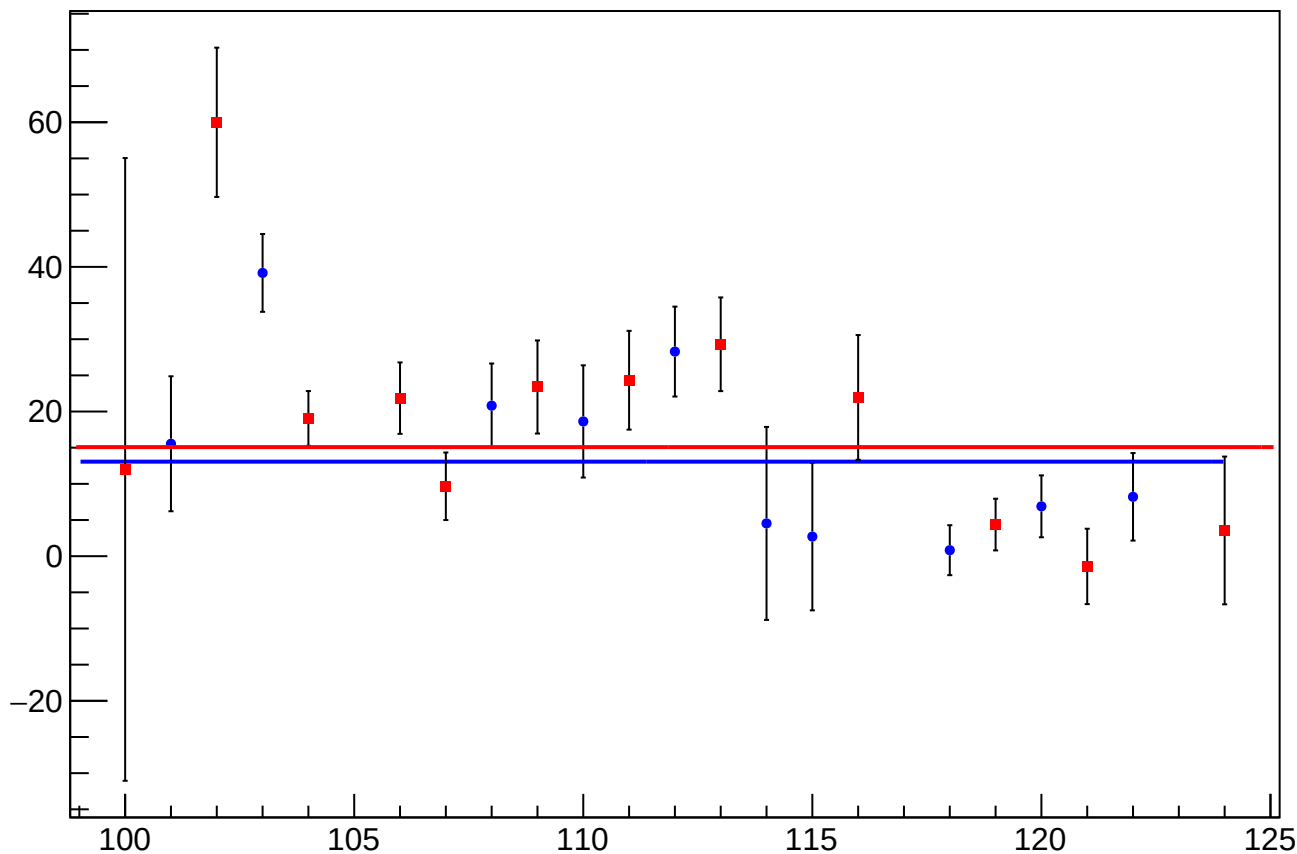
Right: -219.709+/-1.203 χ^2 /NDF: 2273.7/21

In: -230.123+/-1.850 χ^2 /NDF:968.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -219.709+/-1.203 χ^2 /NDF: 2273.7/21

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.071+/-1.829 χ^2/NDF : 48.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.079+/-1.635 χ^2/NDF : 52.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

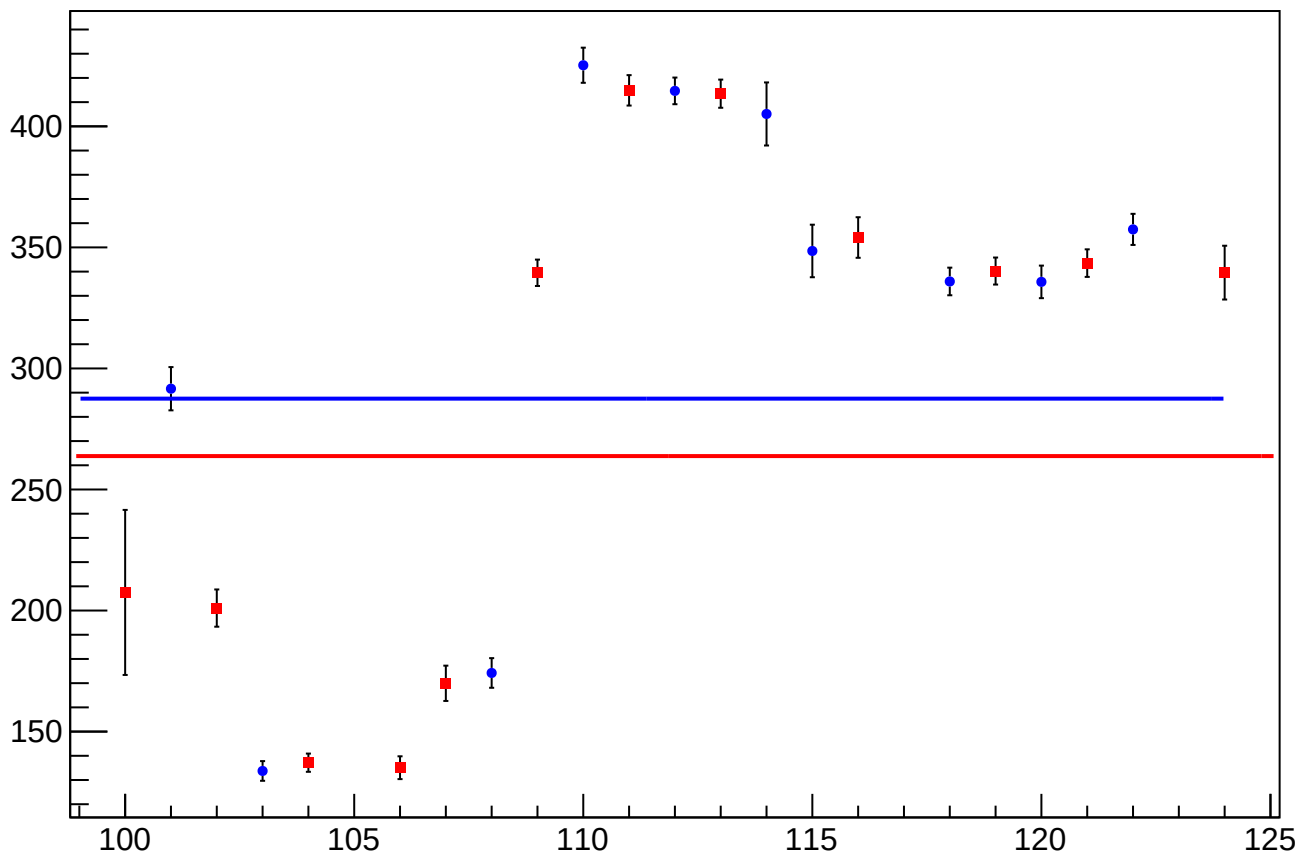
Right: 14.187+/-1.219 χ^2/NDF : 101.8/21

In: 13.071+/-1.829 χ^2/NDF : 48.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.187+/-1.219 χ^2/NDF : 101.8/21

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 287.528+/-2.028 χ^2/NDF : 3021.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 263.800+/-1.751 χ^2/NDF : 4092.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

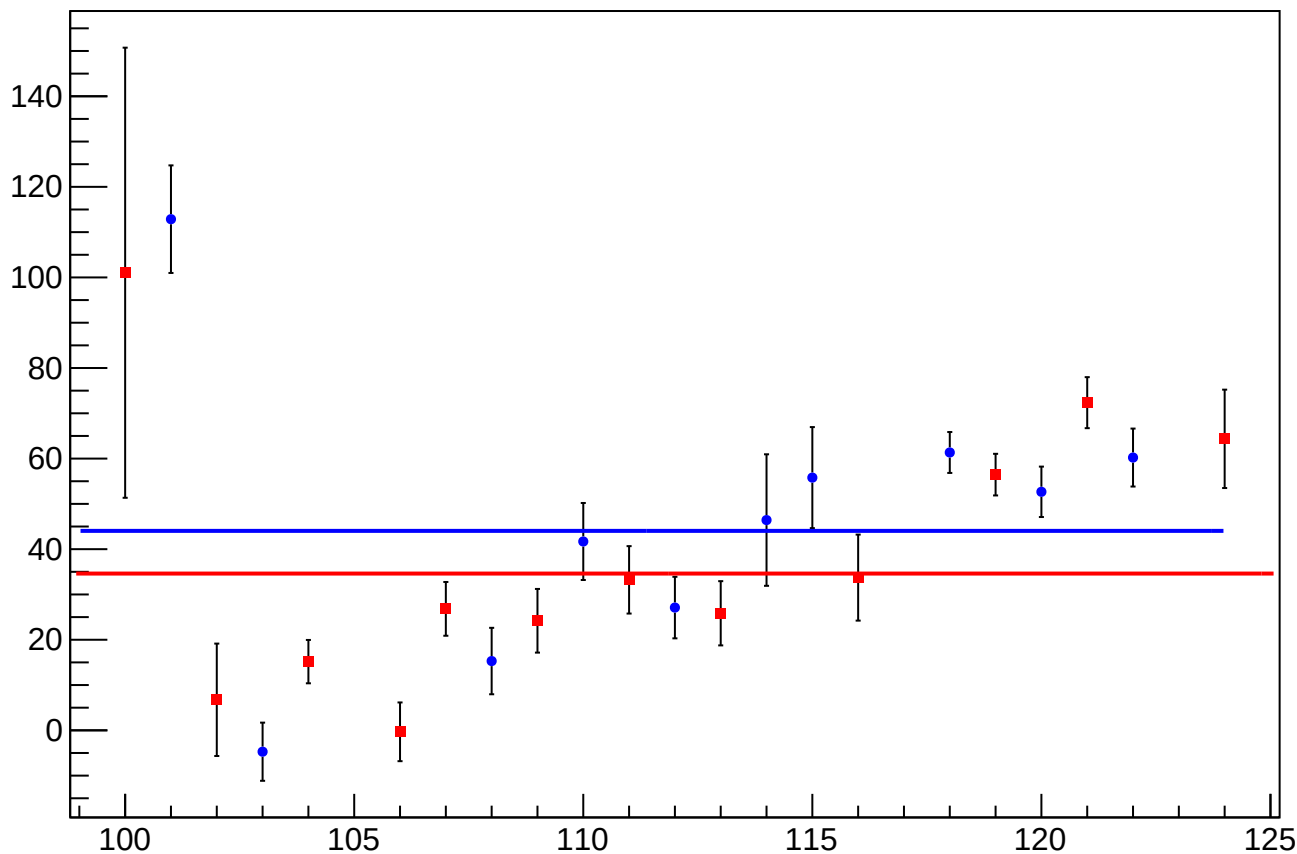
Right: 273.937+/-1.325 χ^2/NDF : 7193.1/21

In: 287.528+/-2.028 χ^2/NDF : 3021.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.937+/-1.325 χ^2/NDF : 7193.1/21

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 44.039+/-2.215 χ^2/NDF : 137.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.615+/-1.964 χ^2/NDF : 132.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

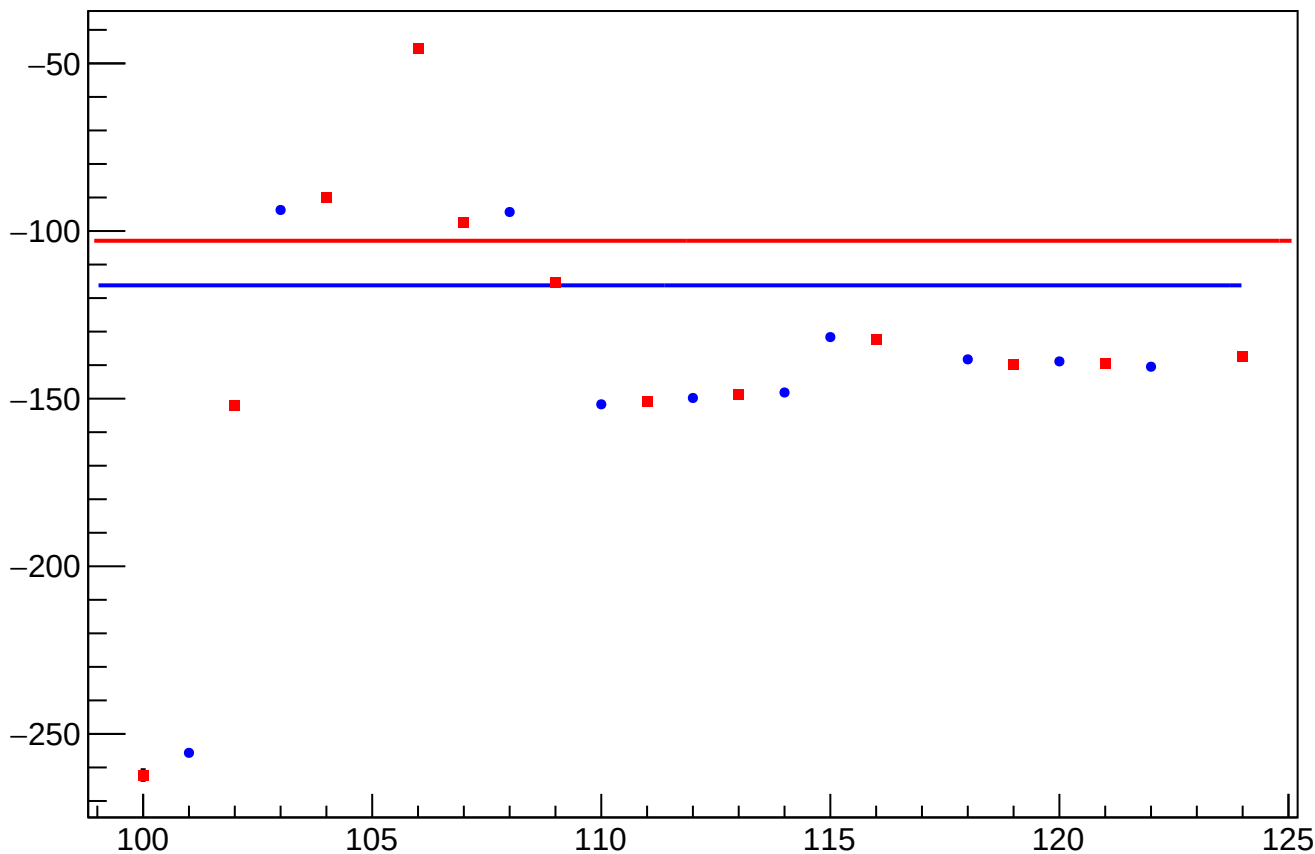
Right: 38.763+/-1.469 χ^2/NDF : 280.5/21

In: 44.039+/-2.215 χ^2/NDF : 137.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.763+/-1.469 χ^2/NDF : 280.5/21

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -116.204+/-0.114 χ^2/NDF : 111681.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -102.905+/-0.100 χ^2/NDF : 134499.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

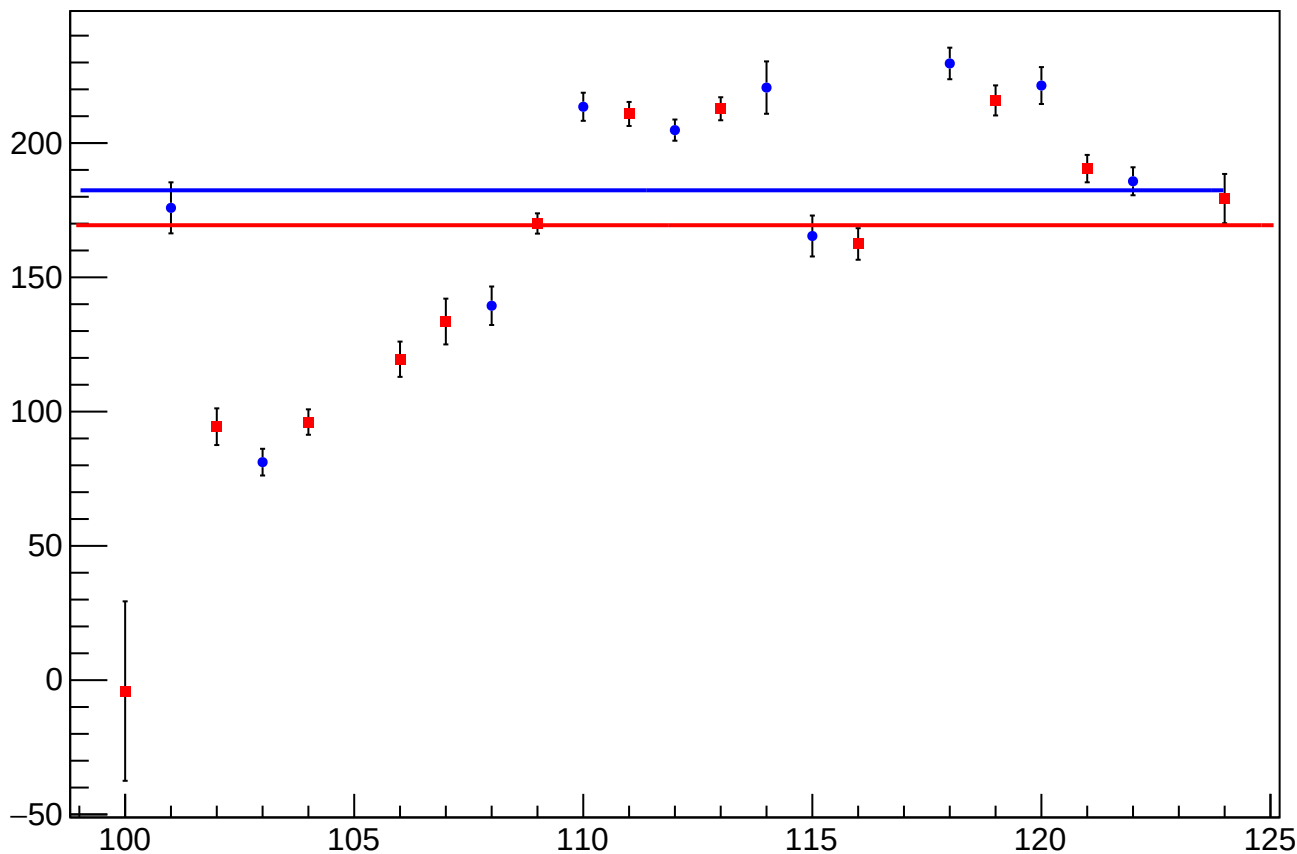
Right: -108.709+/-0.075 χ^2/NDF : 253888.6/21

In: -116.204+/-0.114 χ^2/NDF :111681.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -108.709+/-0.075 χ^2/NDF : 253888.6/21

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 182.407+/-1.868 χ^2/NDF : 636.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.407+/-1.602 χ^2/NDF : 739.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

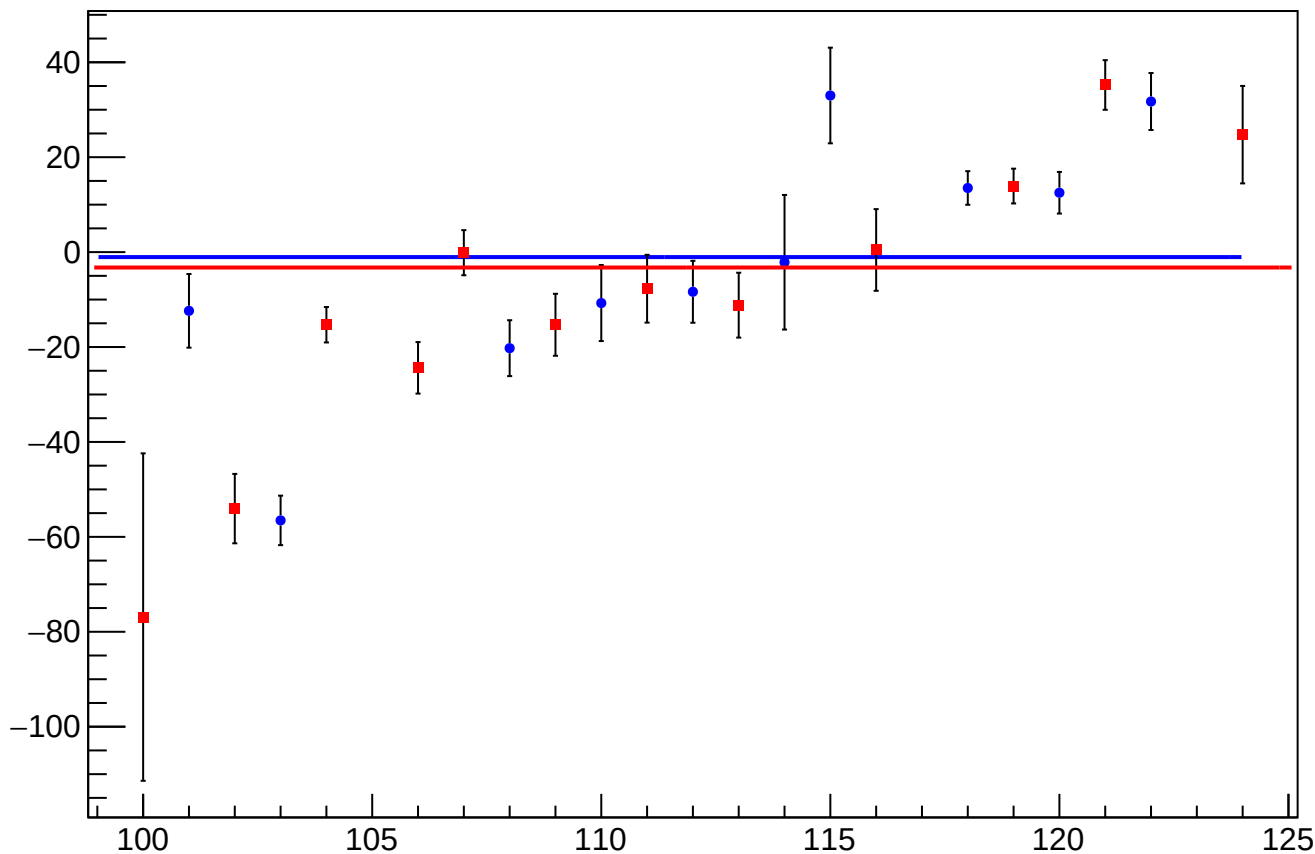
Right: 174.916+/-1.216 χ^2/NDF : 1403.5/21

In: 182.407+/-1.868 χ^2/NDF : 636.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.916+/-1.216 χ^2/NDF : 1403.5/21

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.048+/-1.839 χ^2/NDF : 196.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.243+/-1.648 χ^2/NDF : 167.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

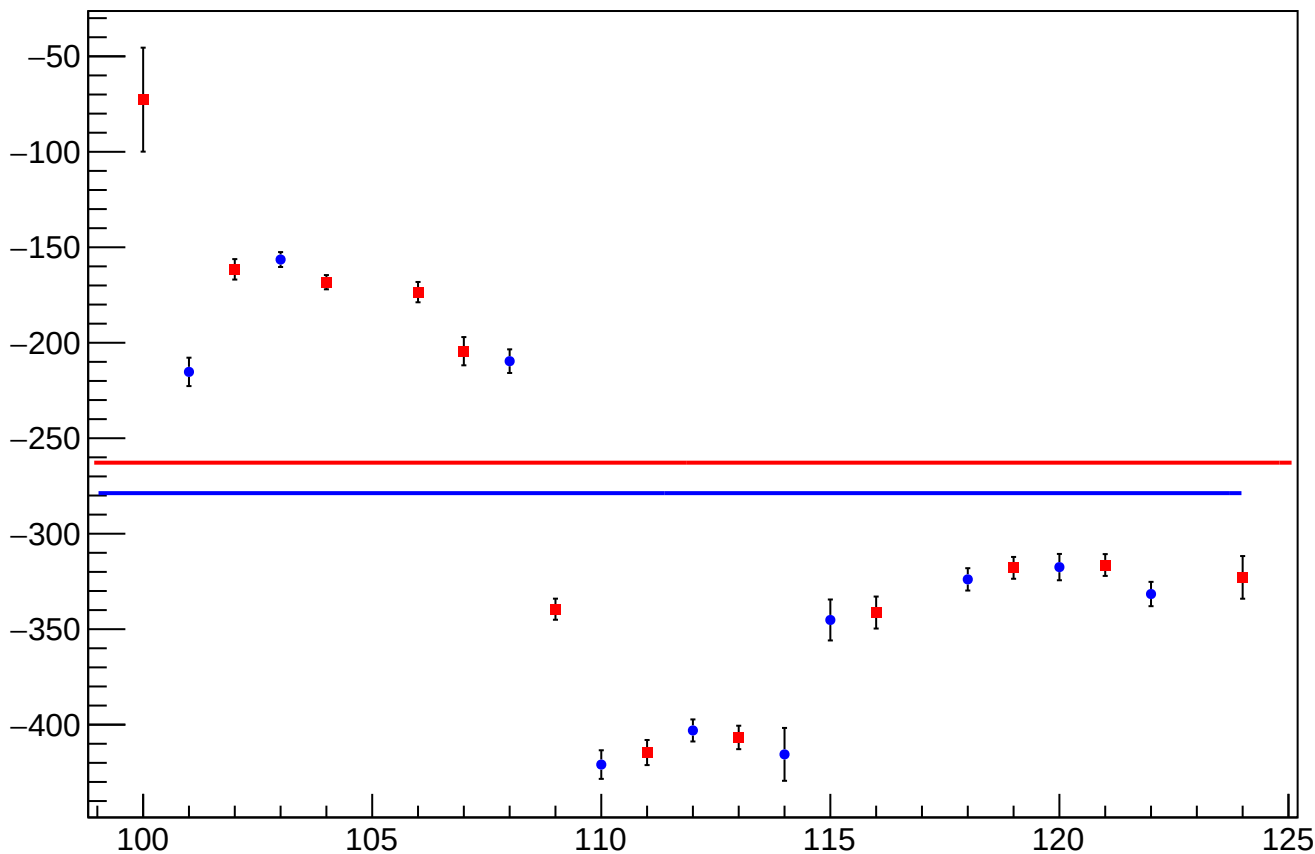
Right: -2.265+/-1.228 χ^2/NDF : 364.9/21

In: -1.048+/-1.839 χ^2/NDF : 196.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.265+/-1.228 χ^2/NDF : 364.9/21

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.755+/-2.014 χ^2/NDF : 2298.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.798+/-1.748 χ^2/NDF : 2962.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

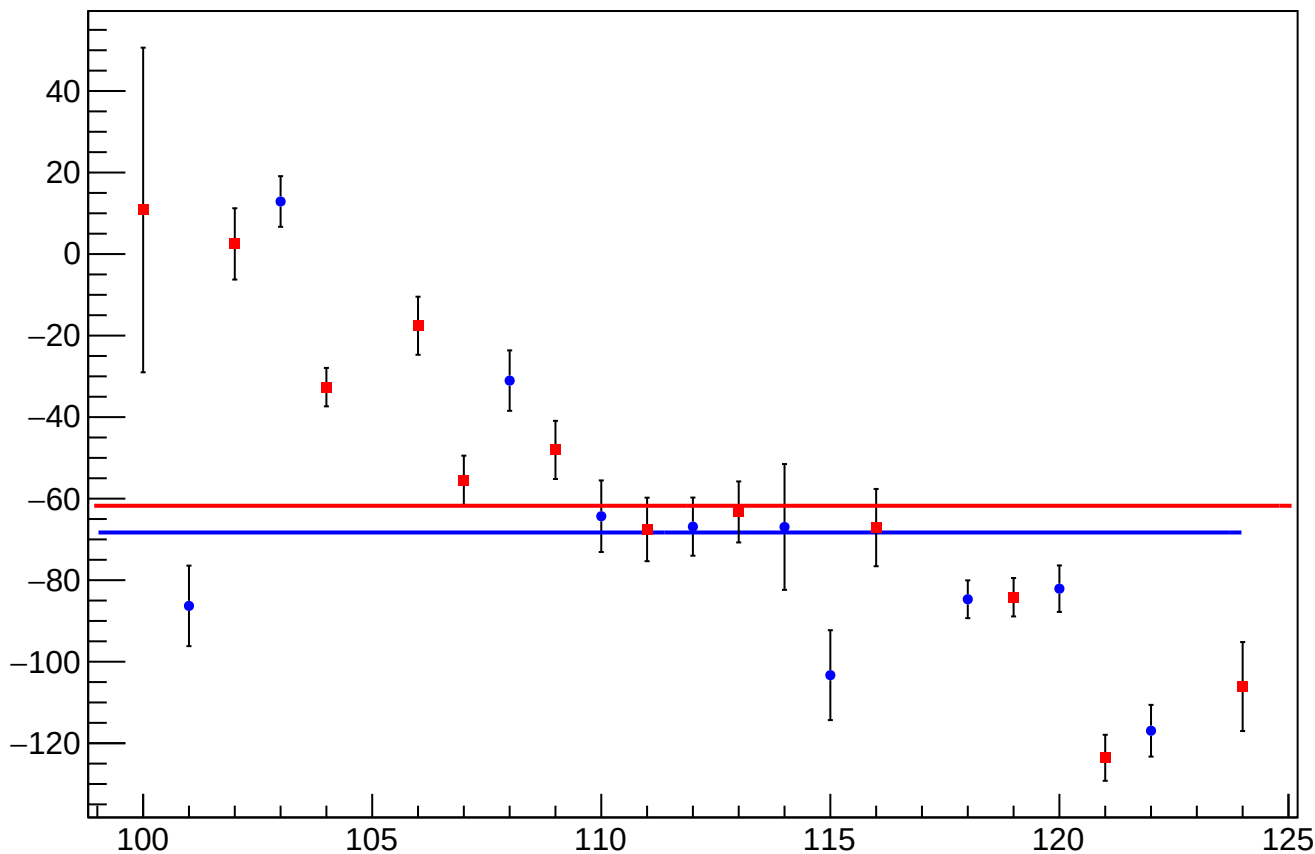
Right: -269.651+/-1.320 χ^2/NDF : 5297.6/21

In: -278.755+/-2.014 χ^2/NDF : 2298.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.651+/-1.320 χ^2/NDF : 5297.6/21

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.300 ± 2.227 χ^2/NDF : 286.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -61.745 ± 1.978 χ^2/NDF : 298.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

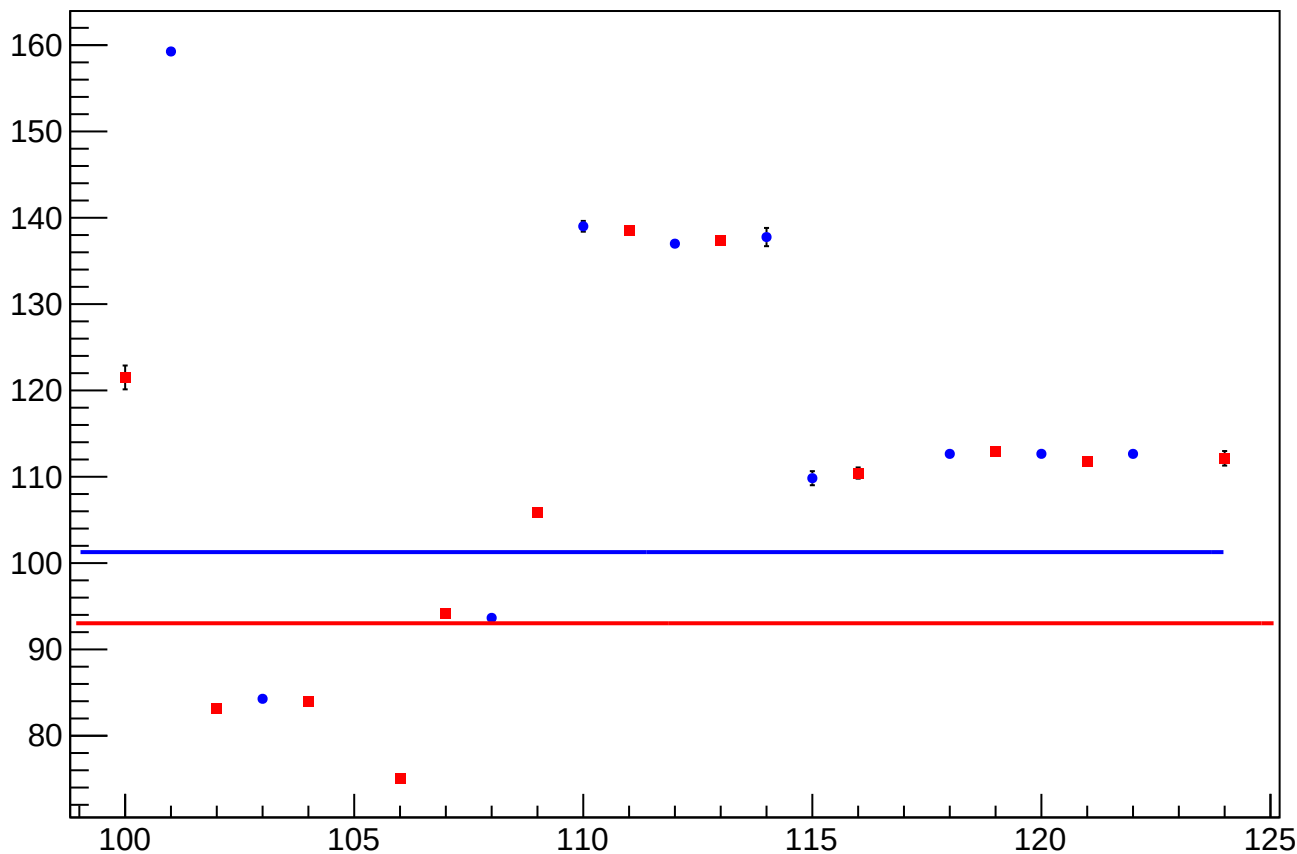
Right: -64.635 ± 1.479 χ^2/NDF : 590.3/21

In: -68.300 ± 2.227 χ^2/NDF : 286.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.635 ± 1.479 χ^2/NDF : 590.3/21

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 101.272+/-0.111 χ^2/NDF : 41901.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 93.030+/-0.097 χ^2/NDF : 32503.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

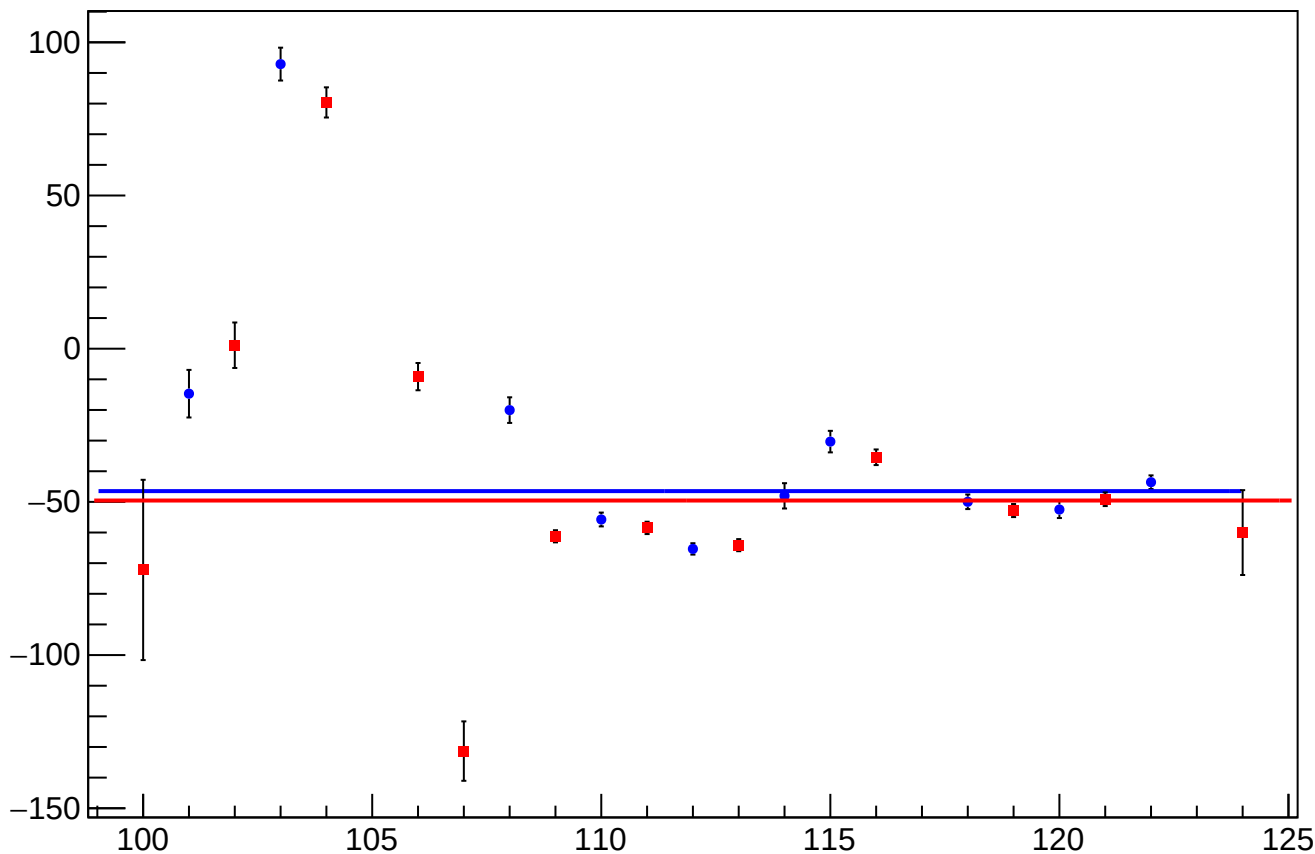
Right: 96.590+/-0.073 χ^2/NDF : 77515.6/21

In: 101.272+/-0.111 χ^2/NDF :41901.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 96.590+/-0.073 χ^2/NDF : 77515.6/21

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -46.486 ± 0.897 $\chi^2/\text{NDF}: 881.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -49.558 ± 0.828 $\chi^2/\text{NDF}: 1039.7/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

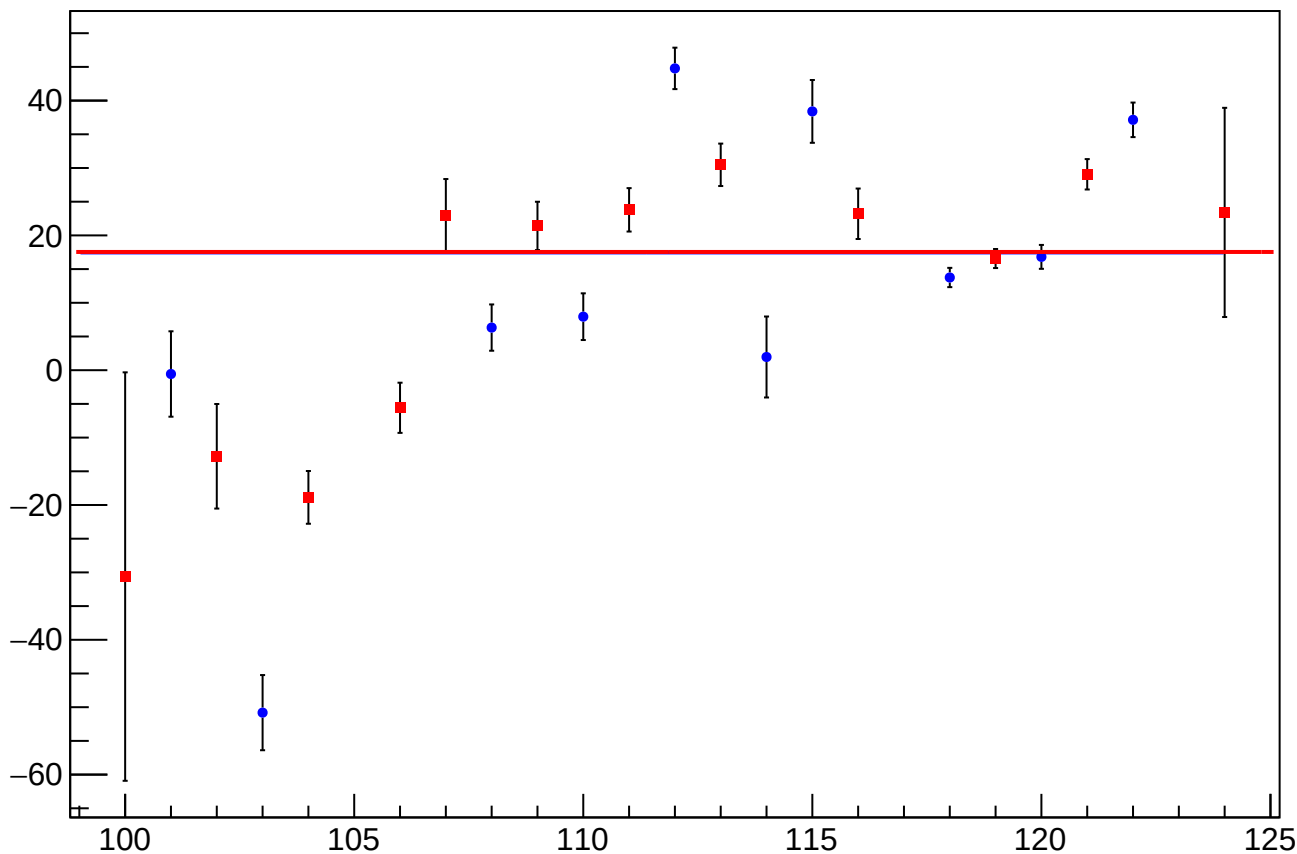
Right: -48.145 ± 0.608 $\chi^2/\text{NDF}: 1927.7/21$

In: -46.486 ± 0.897 $\chi^2/\text{NDF}: 881.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -48.145 ± 0.608 $\chi^2/\text{NDF}: 1927.7/21$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.476+/-0.856 χ^2/NDF : 347.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.543+/-0.899 χ^2/NDF : 194.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

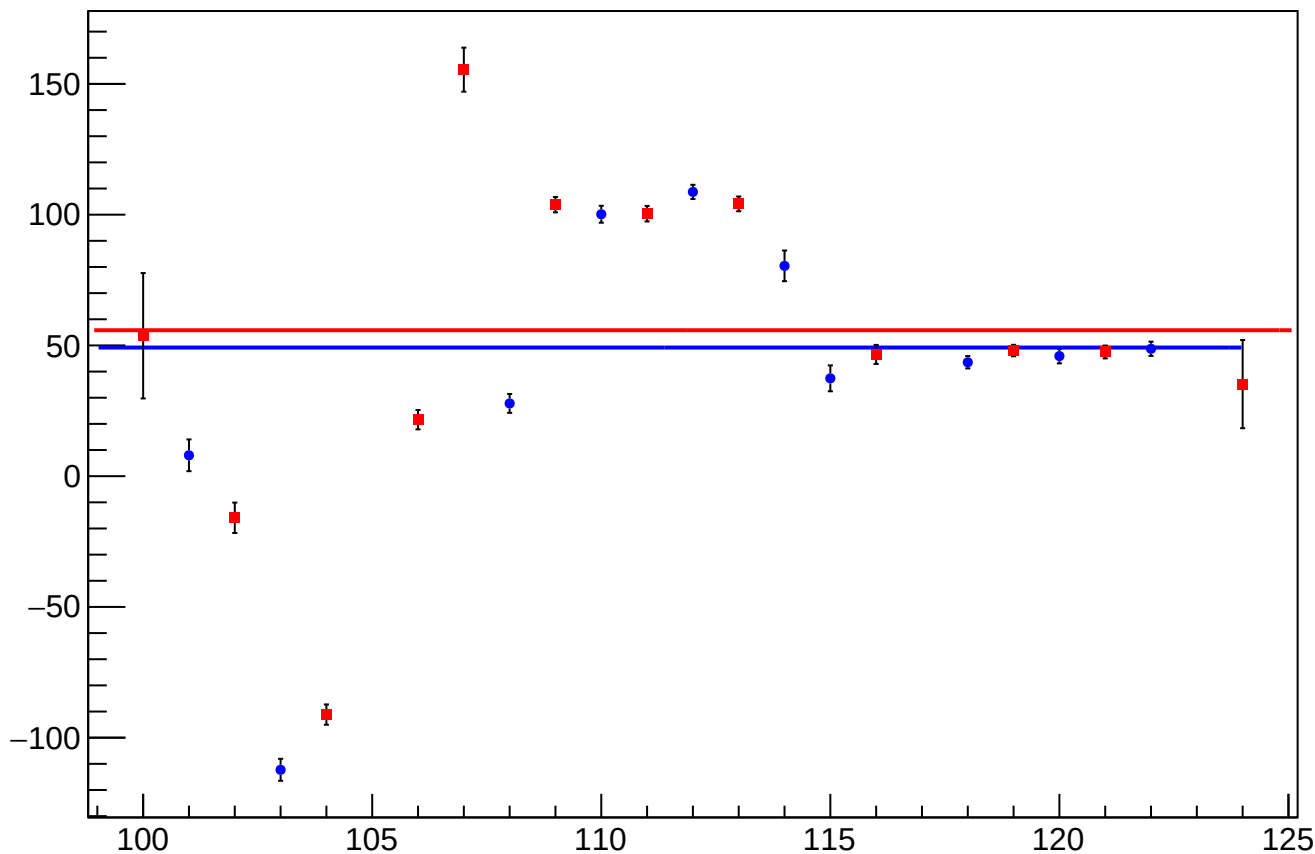
Right: 17.508+/-0.620 χ^2/NDF : 542.5/21

In: 17.476+/-0.856 χ^2/NDF : 347.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.508+/-0.620 χ^2/NDF : 542.5/21

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 49.191+/-1.052 χ^2/NDF : 2322.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.806+/-1.004 χ^2/NDF : 2628.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

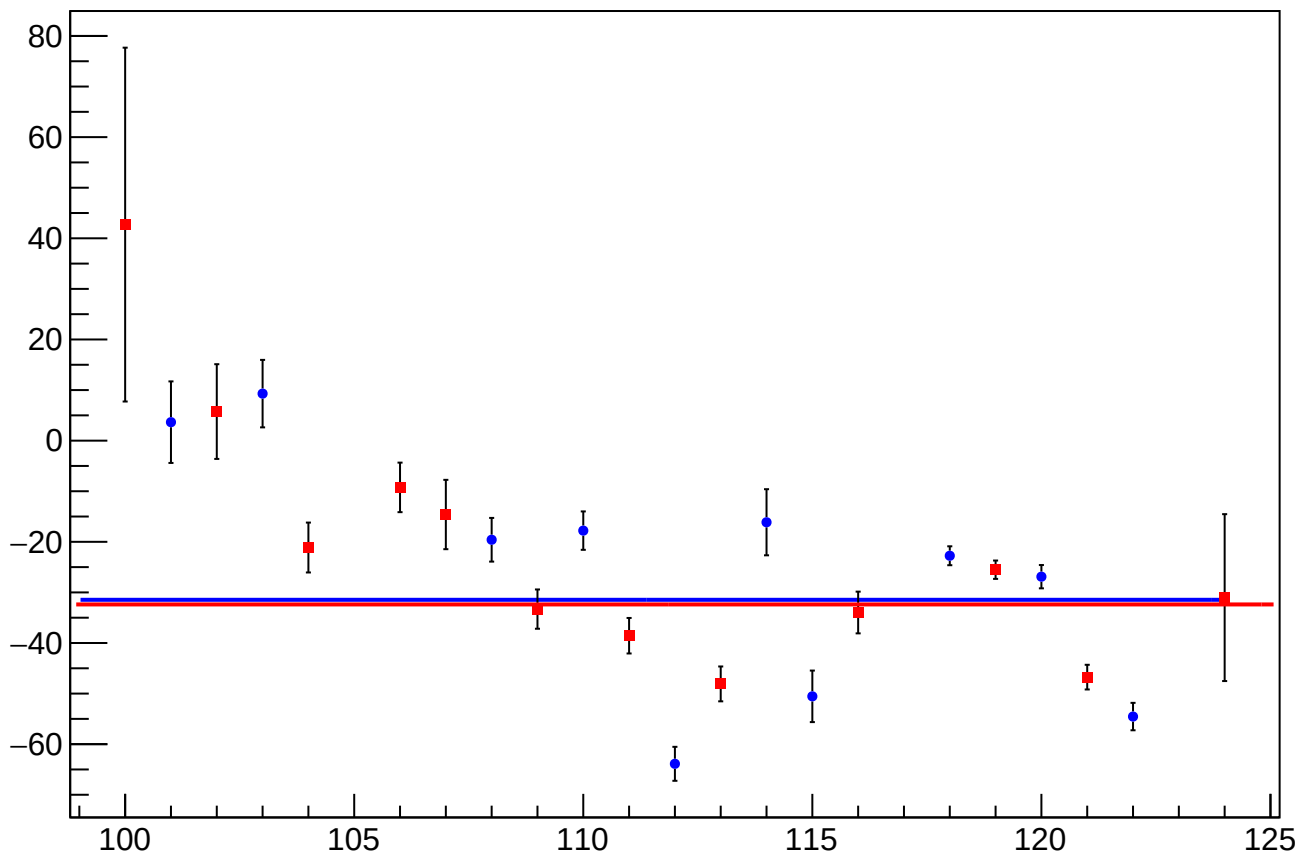
Right: 52.655+/-0.726 χ^2/NDF : 4971.8/21

In: 49.191+/-1.052 χ^2/NDF : 2322.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.655+/-0.726 χ^2/NDF : 4971.8/21

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.460+/-1.041 χ^2/NDF : 287.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.378+/-1.064 χ^2/NDF : 128.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

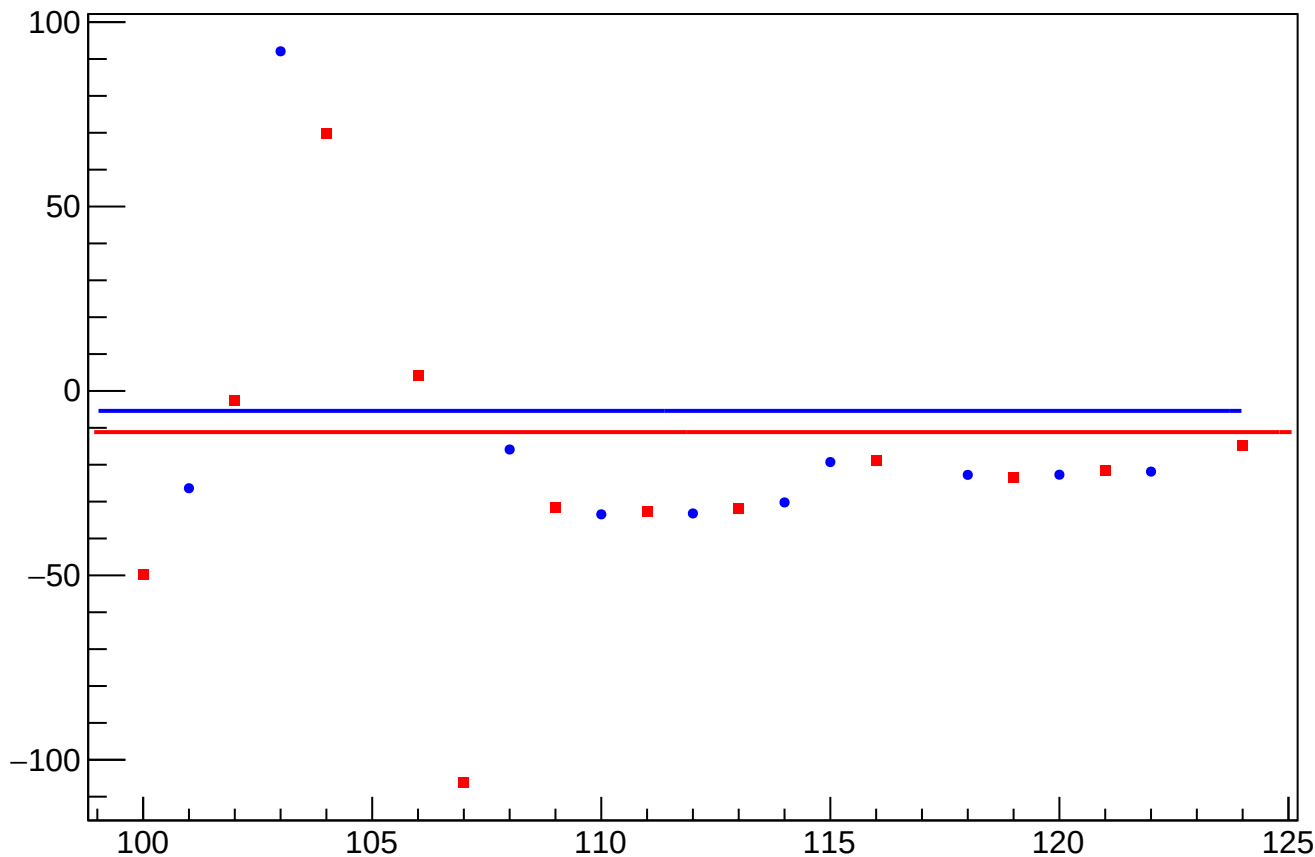
Right: -31.909+/-0.744 χ^2/NDF : 416.8/21

In: -31.460+/-1.041 χ^2/NDF : 287.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.909+/-0.744 χ^2/NDF : 416.8/21

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.398+/-0.069 χ^2/NDF : 367249.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.158+/-0.067 χ^2/NDF : 310117.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

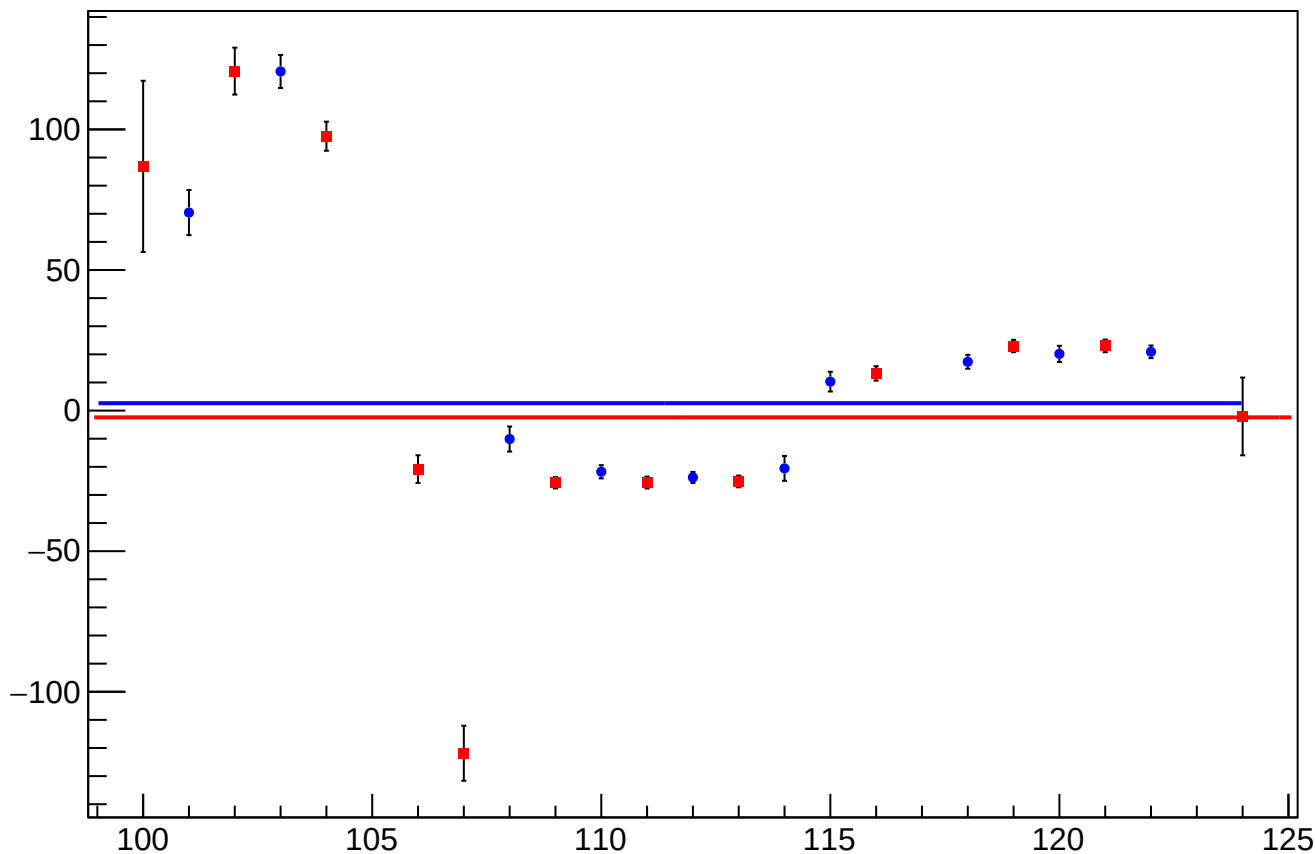
Right: -8.374+/-0.048 χ^2/NDF : 680927.5/21

In: -5.398+/-0.069 χ^2/NDF : 367249.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.374+/-0.048 χ^2/NDF : 680927.5/21

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.631+/-0.931 χ^2/NDF : 944.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.407+/-0.855 χ^2/NDF : 1434.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

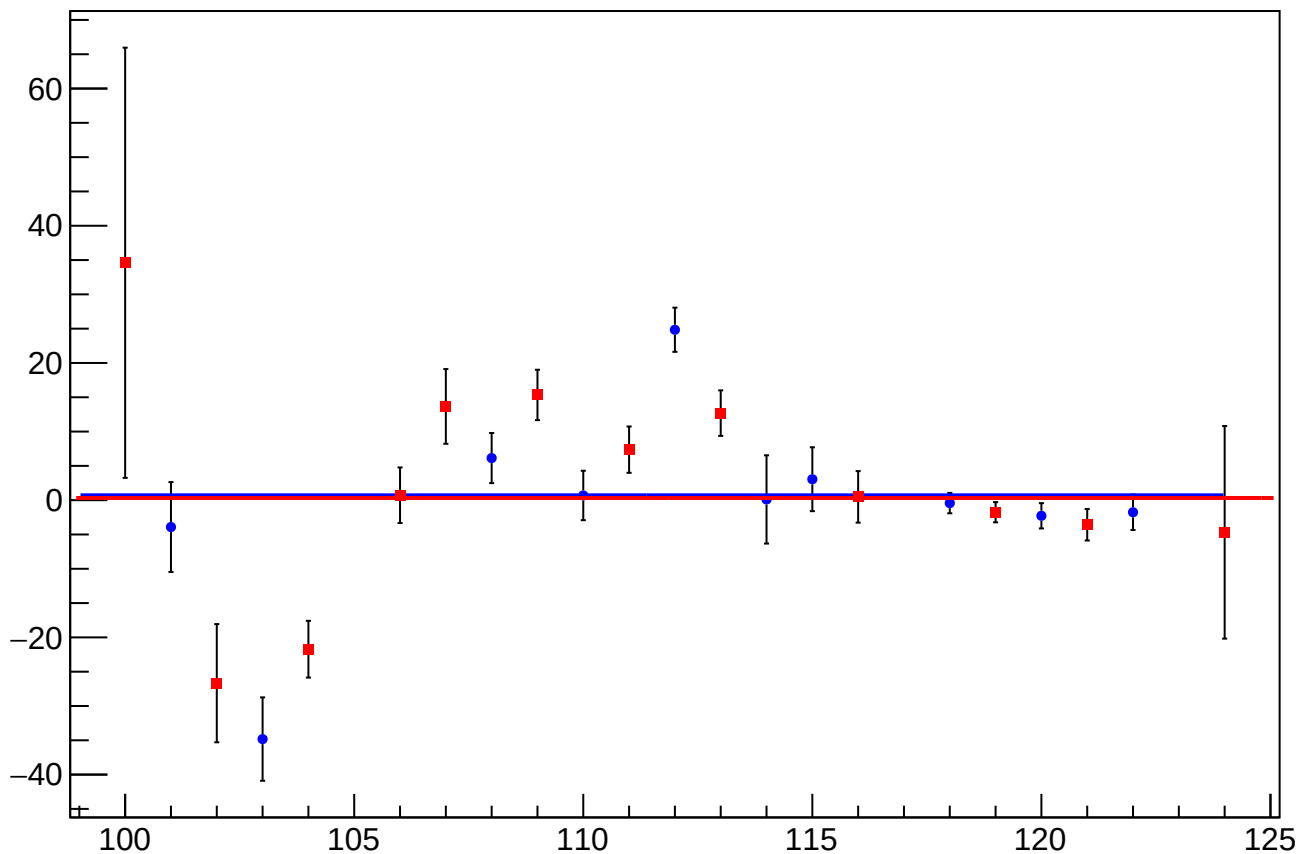
Right: -0.100+/-0.630 χ^2/NDF : 2395.5/21

In: 2.631+/-0.931 χ^2/NDF :944.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.100+/-0.630 χ^2/NDF : 2395.5/21

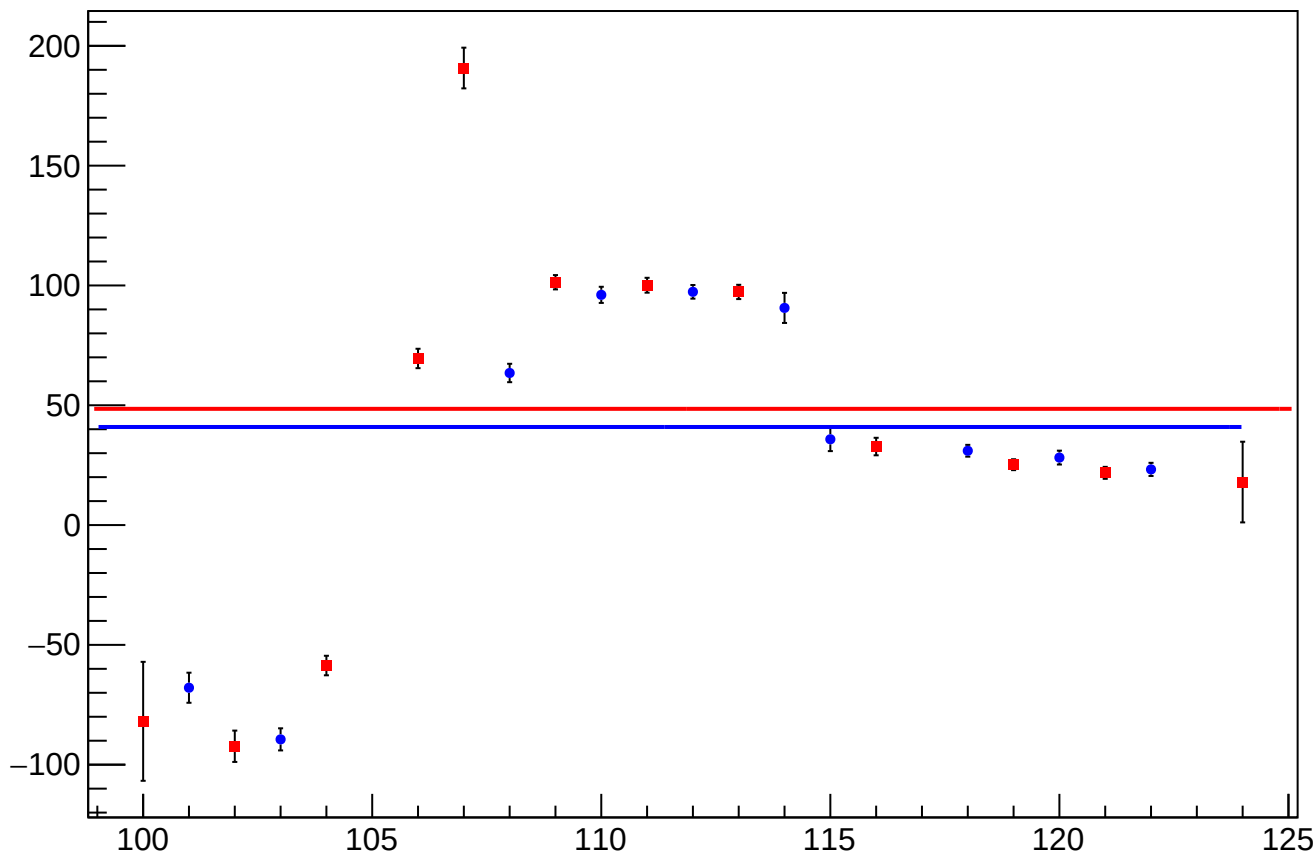
reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.703+/-0.888 χ^2/NDF : 97.4/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.320+/-0.933 χ^2/NDF : 85.4/11
 Left 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+/-0.643 χ^2/NDF : 182.9/21
 In: 0.703+/-0.888 χ^2/NDF :97.4/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.521+/-0.643 χ^2/NDF : 182.9/21

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 40.933+/-1.094 χ^2 /NDF: 1935.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 48.509+/-1.042 χ^2 /NDF: 2587.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

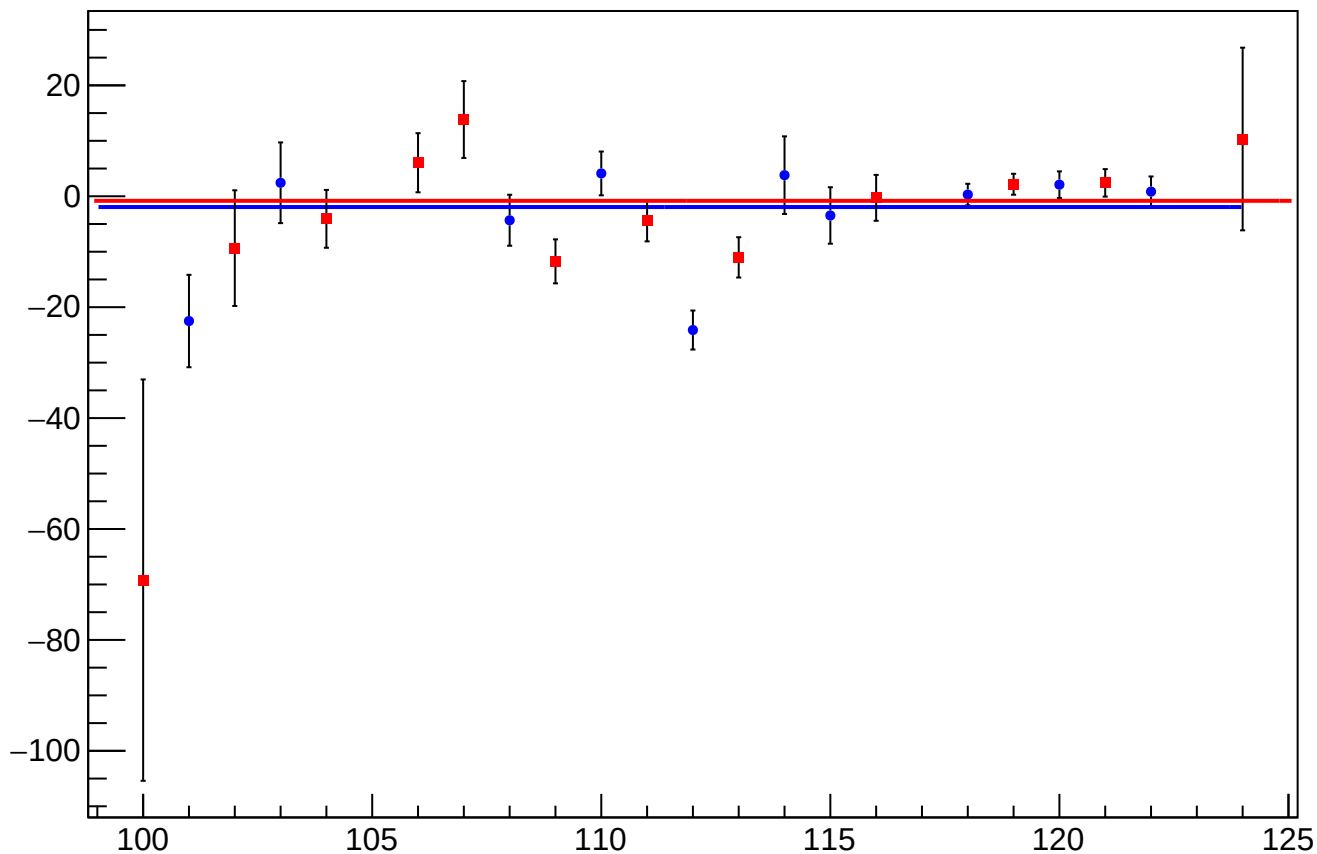
Right: 44.905+/-0.755 χ^2 /NDF: 4547.9/21

In: 40.933+/-1.094 χ^2 /NDF:1935.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 44.905+/-0.755 χ^2 /NDF: 4547.9/21

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.942+/-1.079 χ^2/NDF : 54.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.819+/-1.103 χ^2/NDF : 31.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

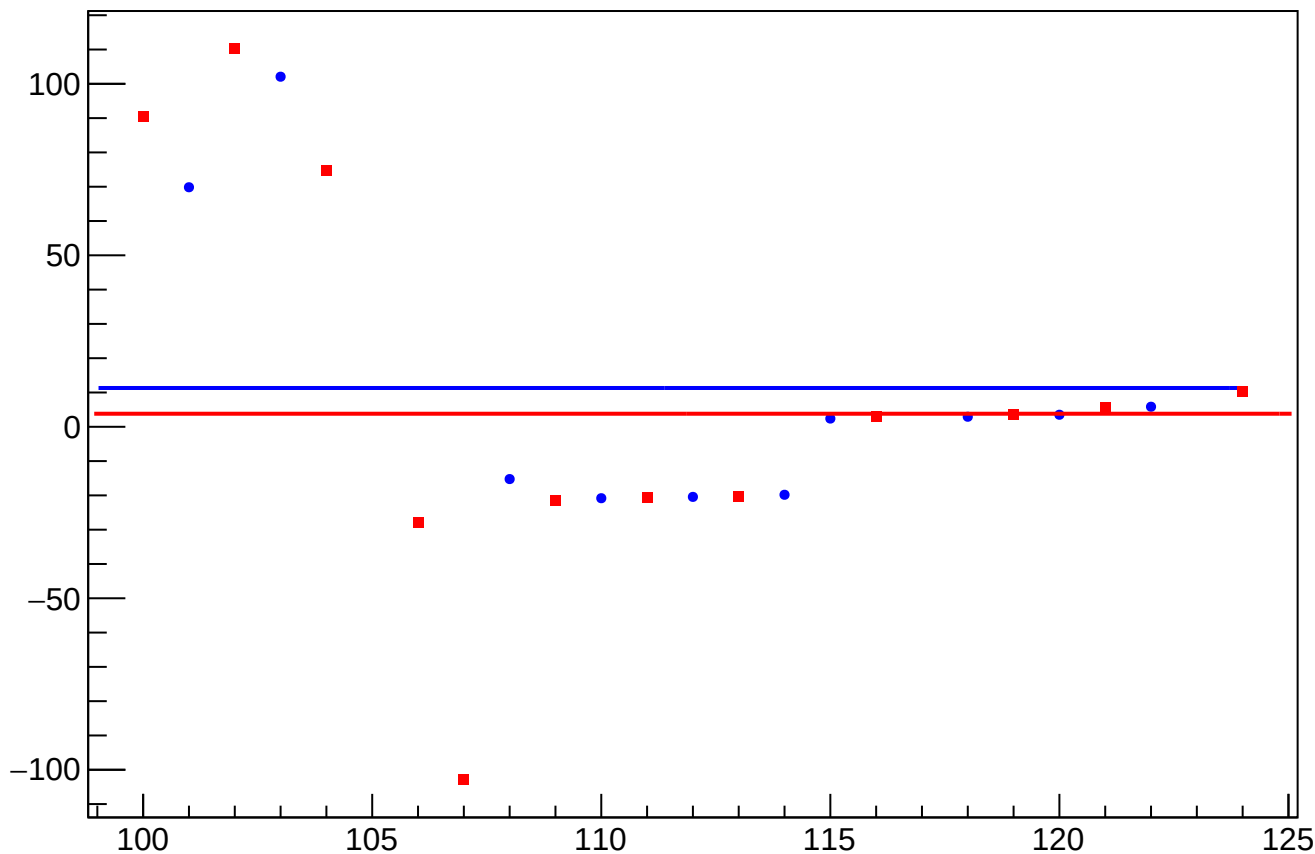
Right: -1.393+/-0.771 χ^2/NDF : 87.2/21

In: -1.942+/-1.079 χ^2/NDF : 54.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.393+/-0.771 χ^2/NDF : 87.2/21

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.314+/-0.073 χ^2/NDF : 314718.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.809+/-0.070 χ^2/NDF : 434209.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

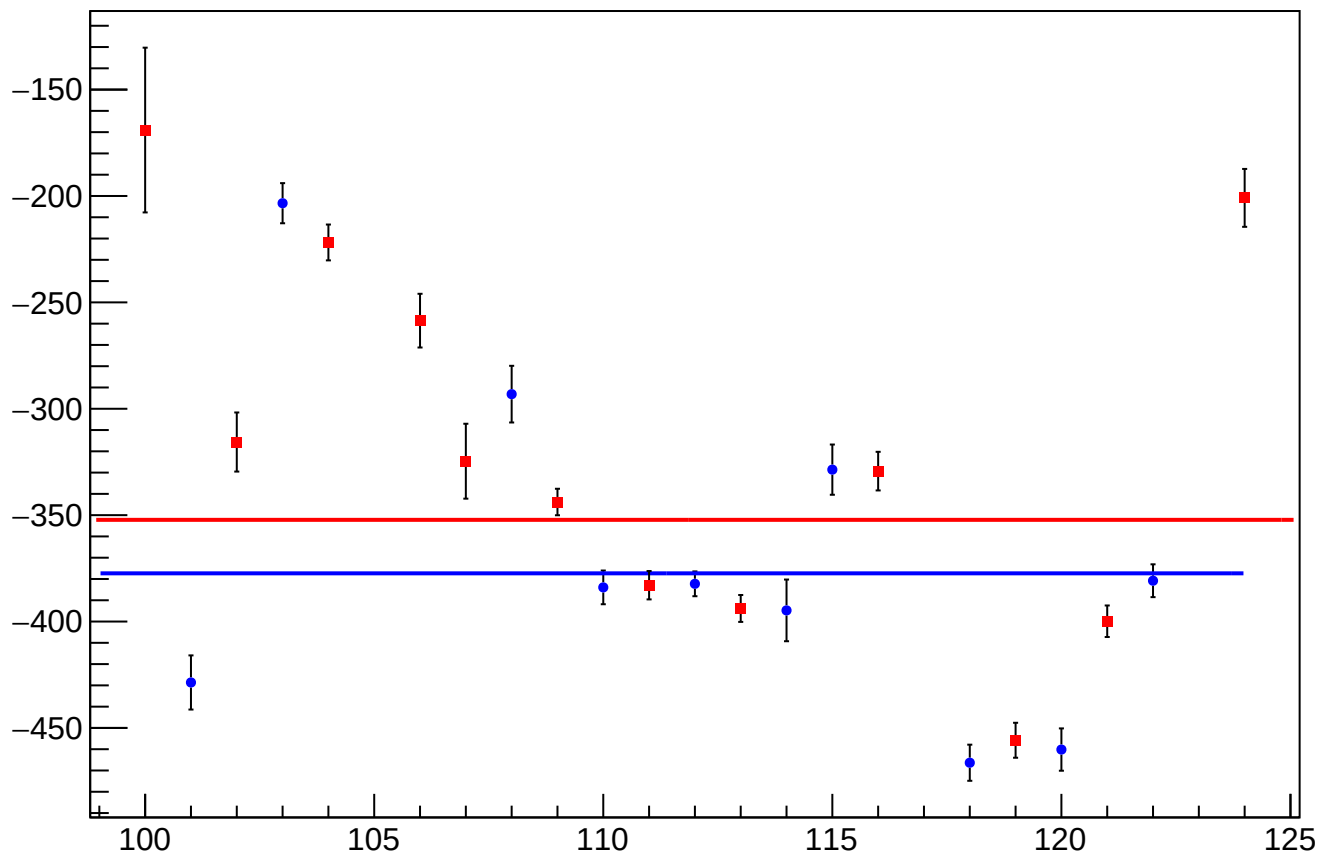
Right: 7.438+/-0.051 χ^2/NDF : 754410.9/21

In: 11.314+/-0.073 χ^2/NDF : 314718.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.438+/-0.051 χ^2/NDF : 754410.9/21

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -377.344+/-2.872 χ^2/NDF : 595.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -352.205+/-2.554 χ^2/NDF : 723.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

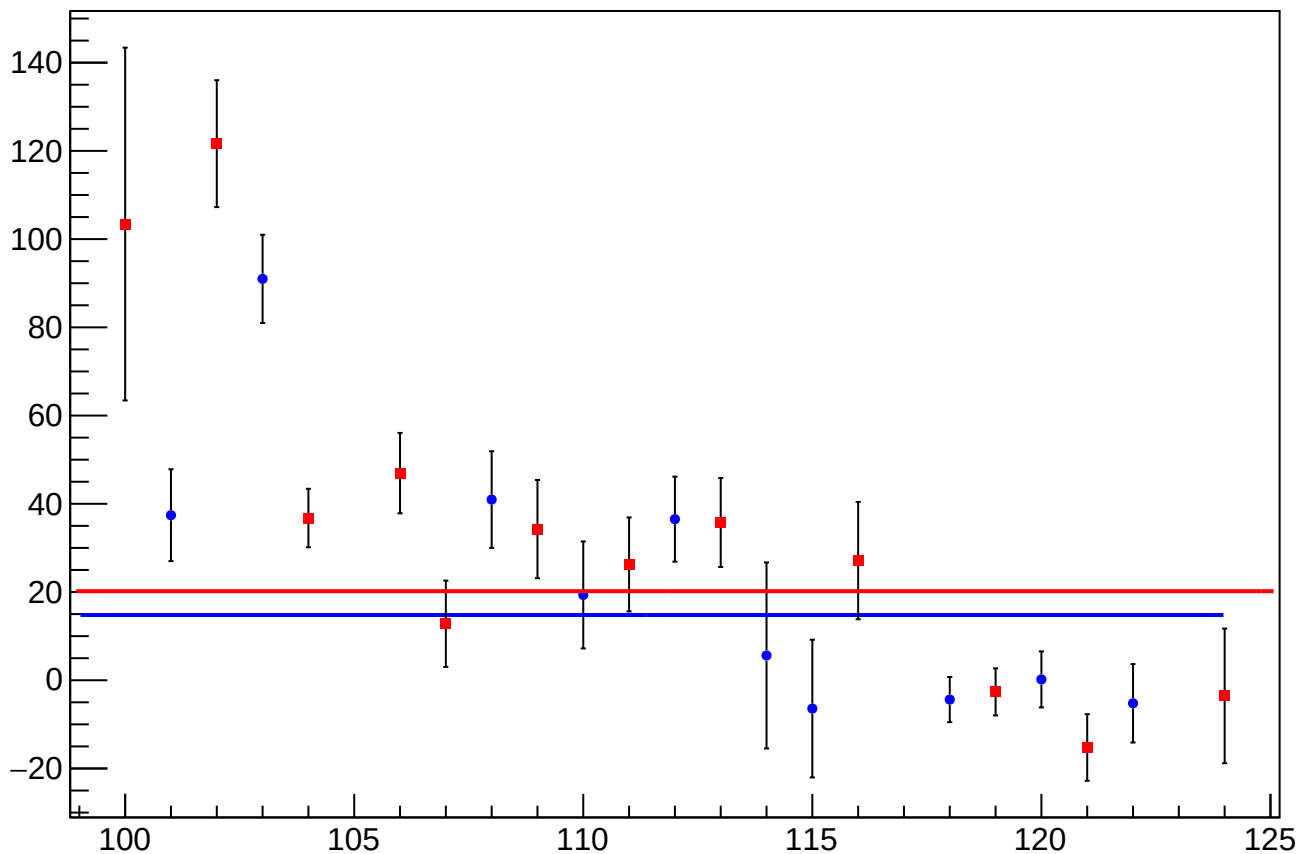
Right: -363.304+/-1.909 χ^2/NDF : 1361.9/21

In: -377.344+/-2.872 χ^2/NDF : 595.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.304+/-1.909 χ^2/NDF : 1361.9/21

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.789+/-2.805 χ^2/NDF : 100.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.189+/-2.673 χ^2/NDF : 116.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

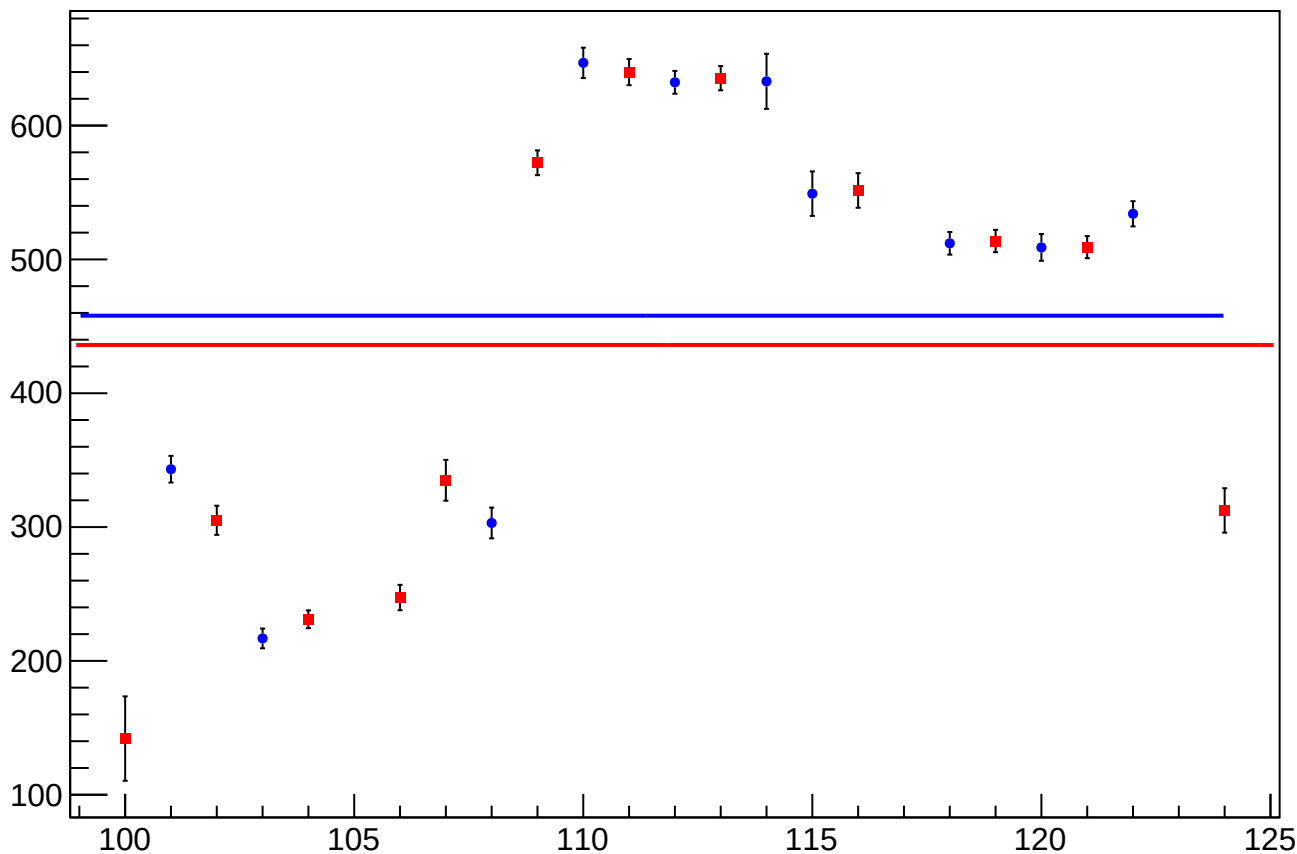
Right: 17.619+/-1.935 χ^2/NDF : 219.0/21

In: 14.789+/-2.805 χ^2/NDF : 100.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.619+/-1.935 χ^2/NDF : 219.0/21

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 457.935+/-3.183 χ^2/NDF : 2306.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 436.068+/-2.882 χ^2/NDF : 3056.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

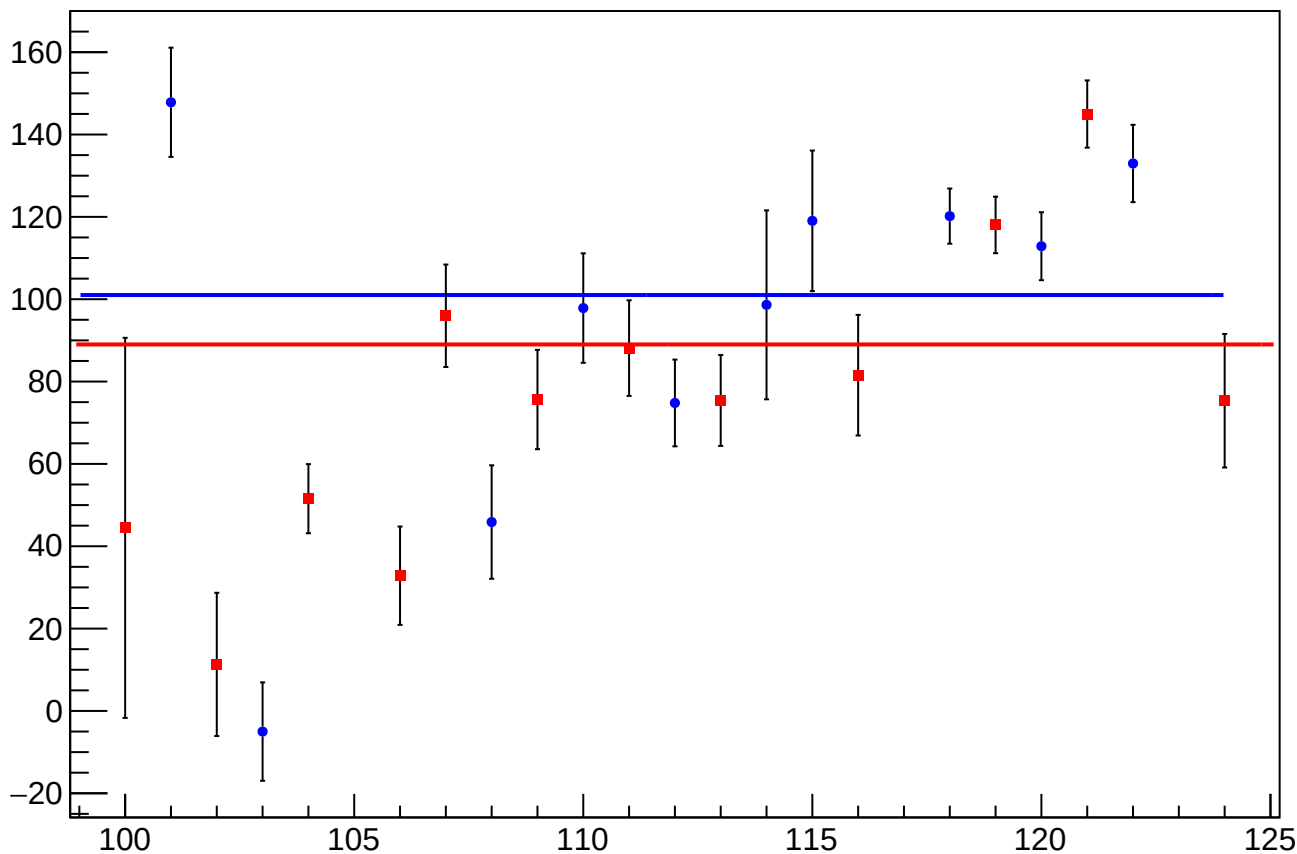
Right: 445.918+/-2.136 χ^2/NDF : 5388.6/21

In: 457.935+/-3.183 χ^2/NDF : 2306.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.918+/-2.136 χ^2/NDF : 5388.6/21

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 101.013+/-3.405 χ^2/NDF : 136.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.015+/-3.185 χ^2/NDF : 131.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

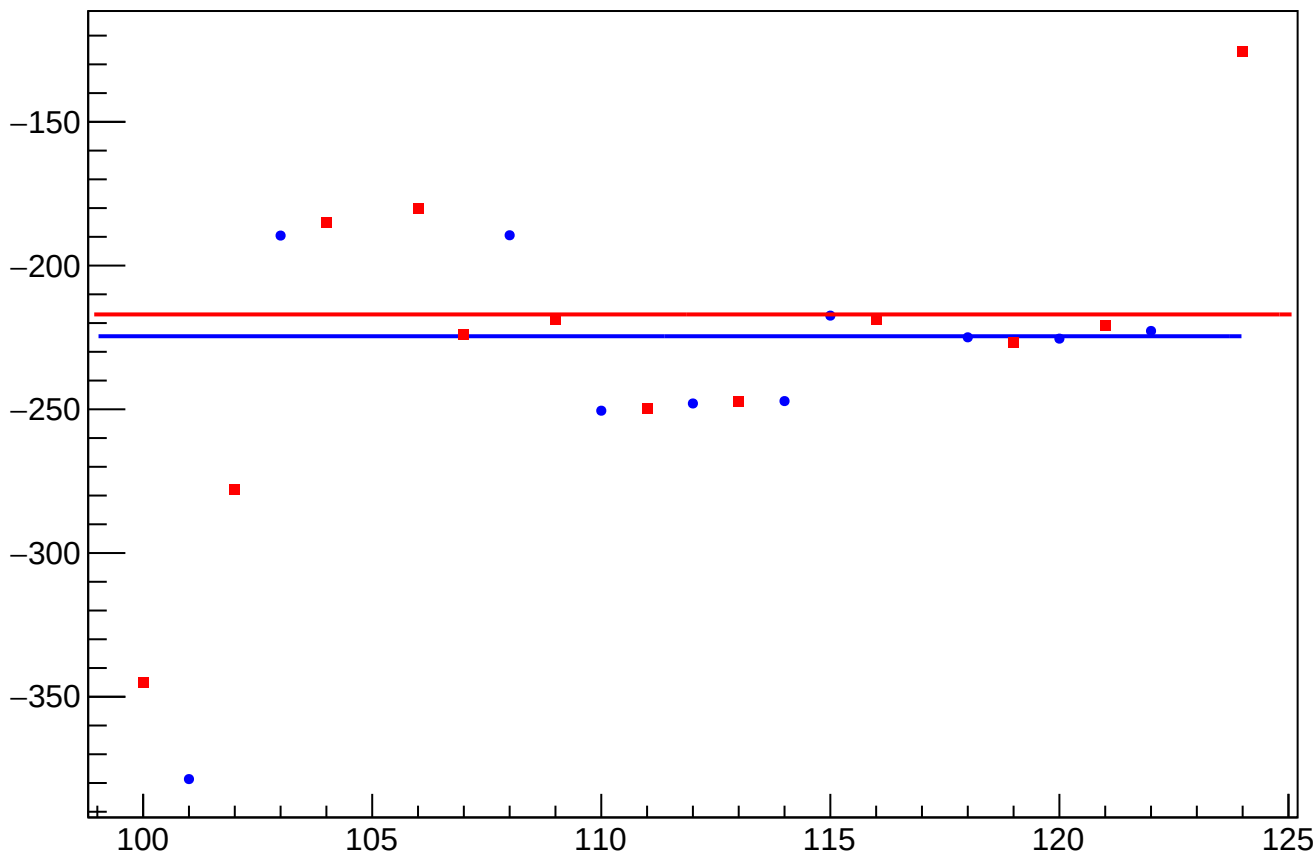
Right: 94.614+/-2.326 χ^2/NDF : 274.8/21

In: 101.013+/-3.405 χ^2/NDF : 136.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.614+/-2.326 χ^2/NDF : 274.8/21

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.580+/-0.189 χ^2/NDF : 87608.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.993+/-0.174 χ^2/NDF : 47305.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

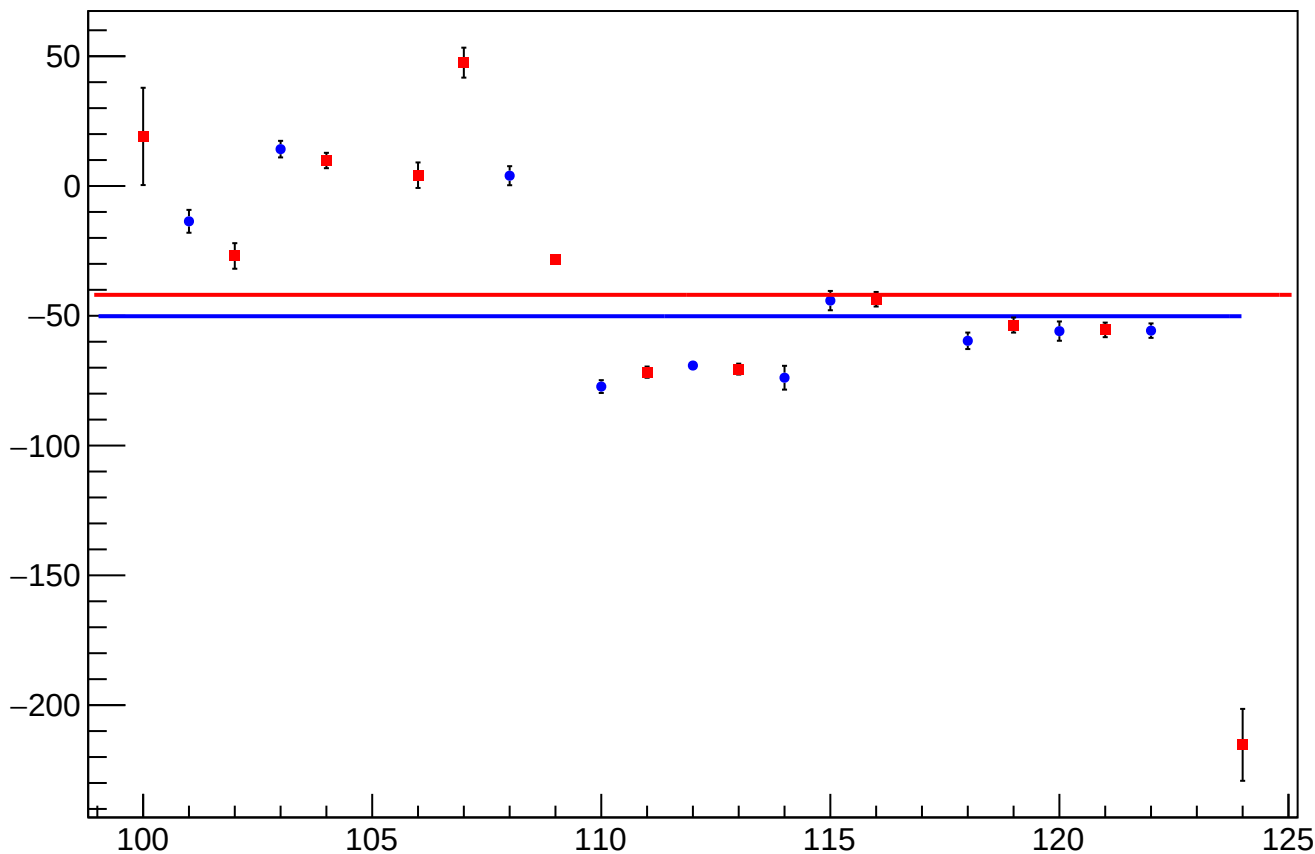
Right: -220.473+/-0.128 χ^2/NDF : 135784.6/21

In: -224.580+/-0.189 χ^2/NDF : 87608.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.473+/-0.128 χ^2/NDF : 135784.6/21

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.172 $\pm$ 0.965 χ^2 /NDF: 953.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -41.933 $\pm$ 0.823 χ^2 /NDF: 1303.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

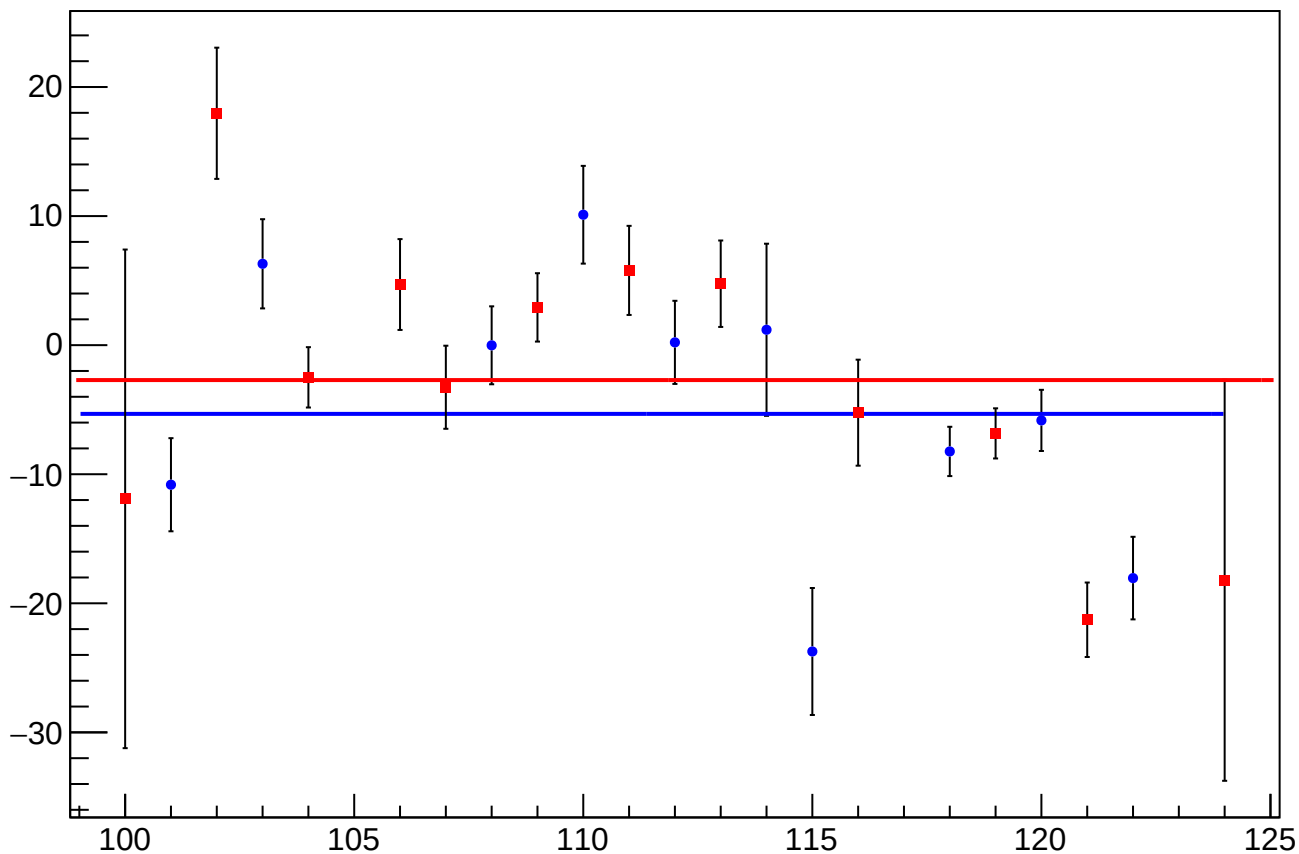
Right: -45.399 $\pm$ 0.626 χ^2 /NDF: 2298.9/21

In: -50.172 $\pm$ 0.965 χ^2 /NDF: 953.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.399 $\pm$ 0.626 χ^2 /NDF: 2298.9/21

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.325+/-0.976 χ^2 /NDF: 69.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.705+/-0.926 χ^2 /NDF: 84.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

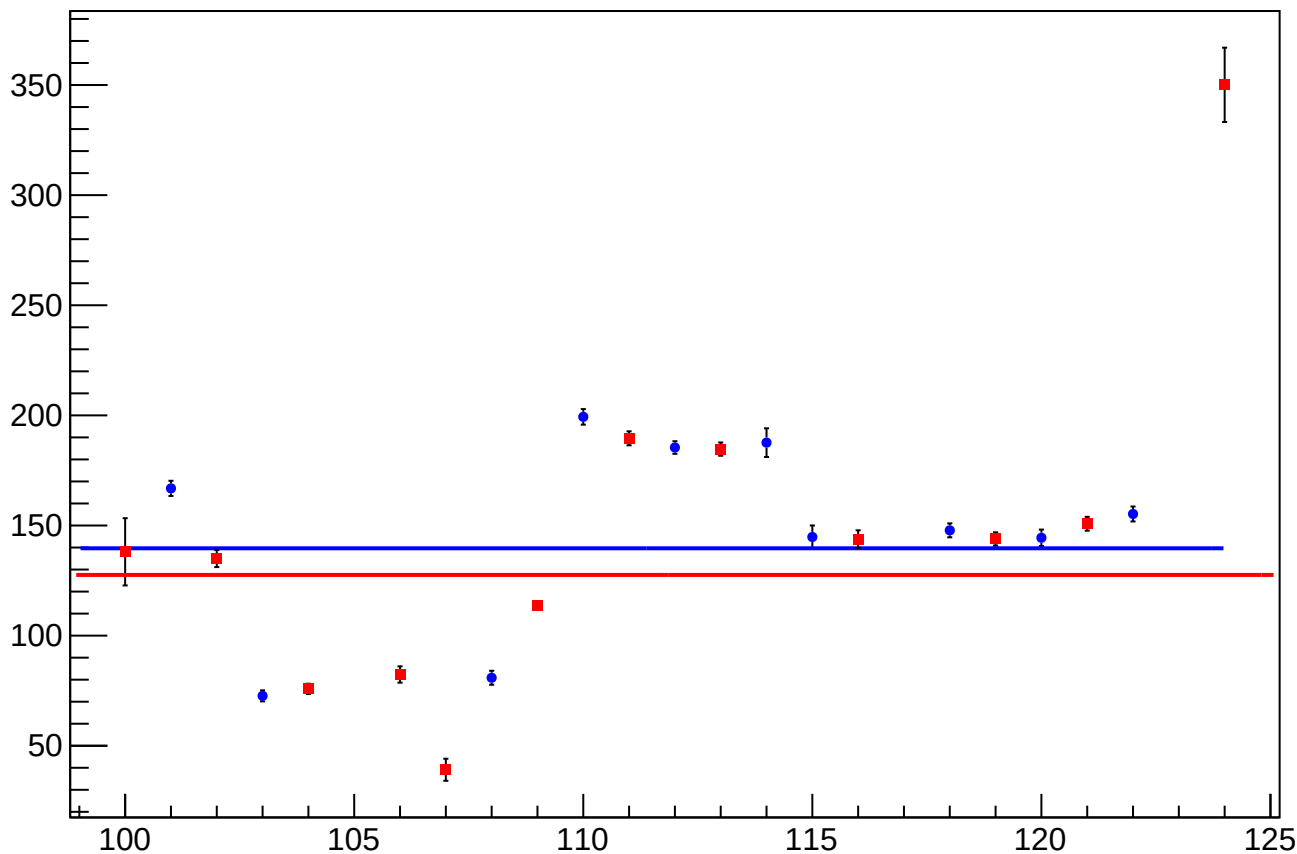
Right: -3.947+/-0.672 χ^2 /NDF: 157.3/21

In: -5.325+/-0.976 χ^2 /NDF:69.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.947+/-0.672 χ^2 /NDF: 157.3/21

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 139.655+/-1.075 χ^2/NDF : 1748.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.560+/-0.977 χ^2/NDF : 2008.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

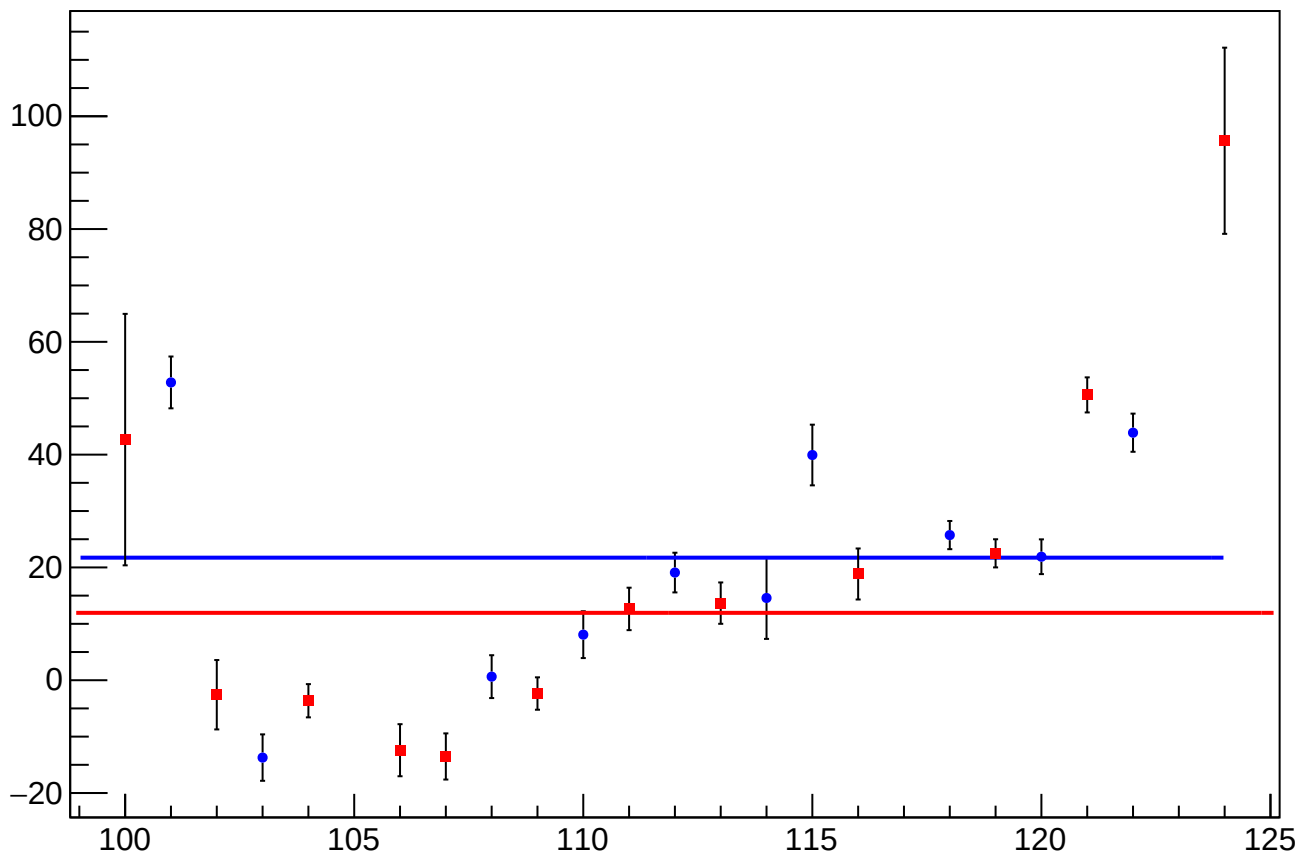
Right: 133.027+/-0.723 χ^2/NDF : 3826.1/21

In: 139.655+/-1.075 χ^2/NDF : 1748.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.027+/-0.723 χ^2/NDF : 3826.1/21

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.732 $\pm$ 1.178 χ^2 /NDF: 220.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.947 $\pm$ 1.096 χ^2 /NDF: 327.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

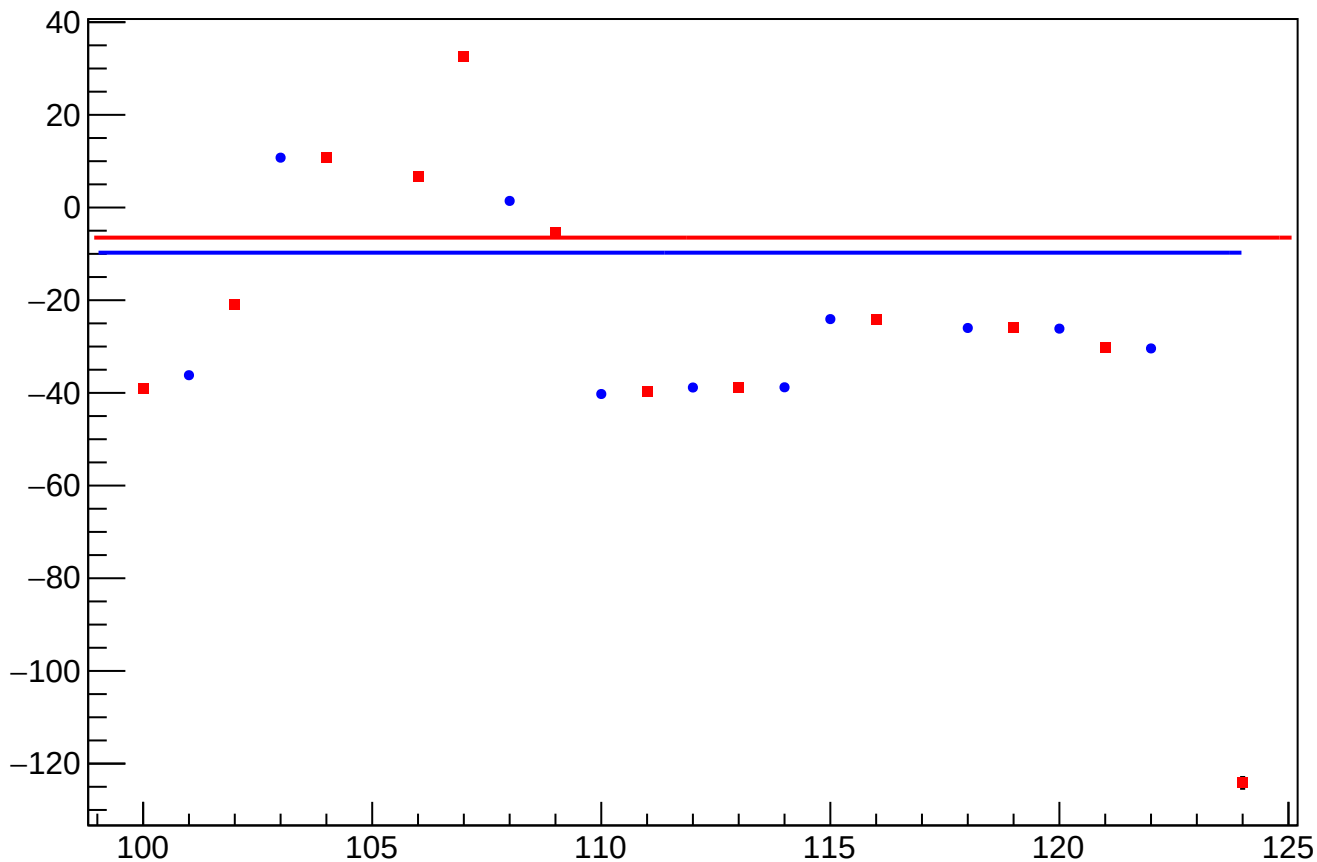
Right: 16.486 $\pm$ 0.802 χ^2 /NDF: 584.5/21

In: 21.732 $\pm$ 1.178 χ^2 /NDF:220.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.486 $\pm$ 0.802 χ^2 /NDF: 584.5/21

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.744+/-0.062 χ^2/NDF : 108755.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.493+/-0.059 χ^2/NDF : 138600.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

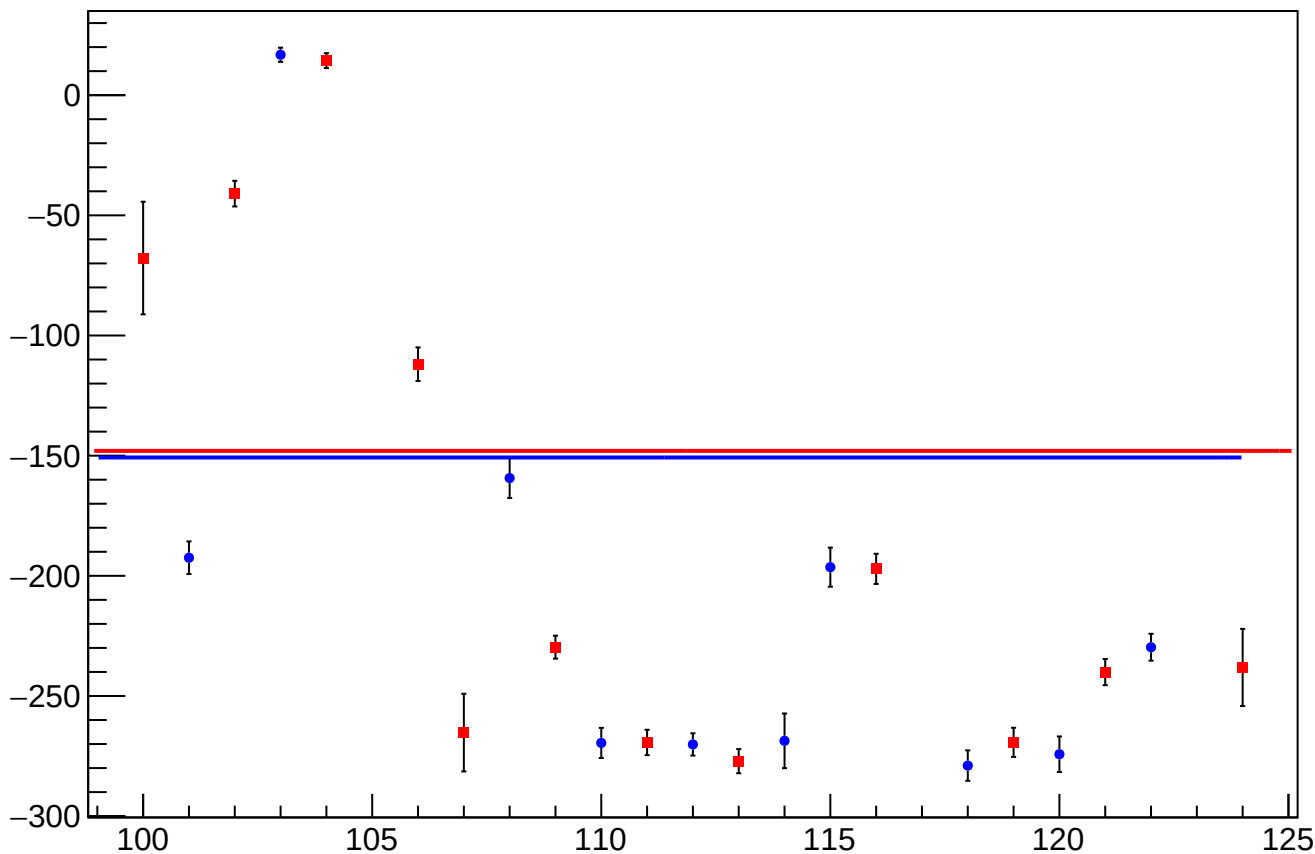
Right: -8.049+/-0.043 χ^2/NDF : 248786.1/21

In: -9.744+/-0.062 χ^2/NDF : 108755.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.049+/-0.043 χ^2/NDF : 248786.1/21

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -150.761+/-1.766 χ^2/NDF : 5297.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -148.010+/-1.633 χ^2/NDF : 5491.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

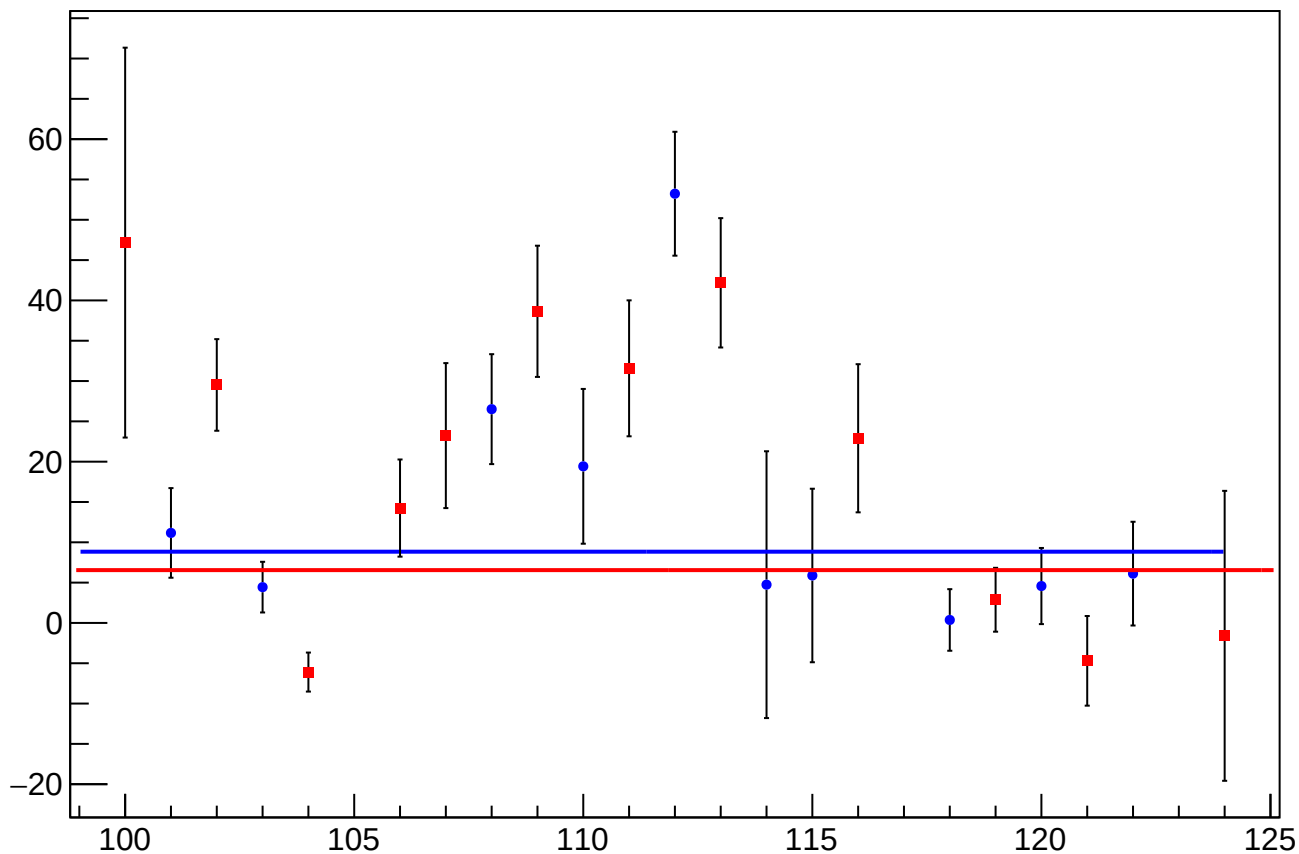
Right: -149.278+/-1.199 χ^2/NDF : 10790.2/21

In: -150.761+/-1.766 χ^2/NDF :5297.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -149.278+/-1.199 χ^2/NDF : 10790.2/21

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.835+/-1.733 χ^2/NDF : 49.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.550+/-1.583 χ^2/NDF : 104.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

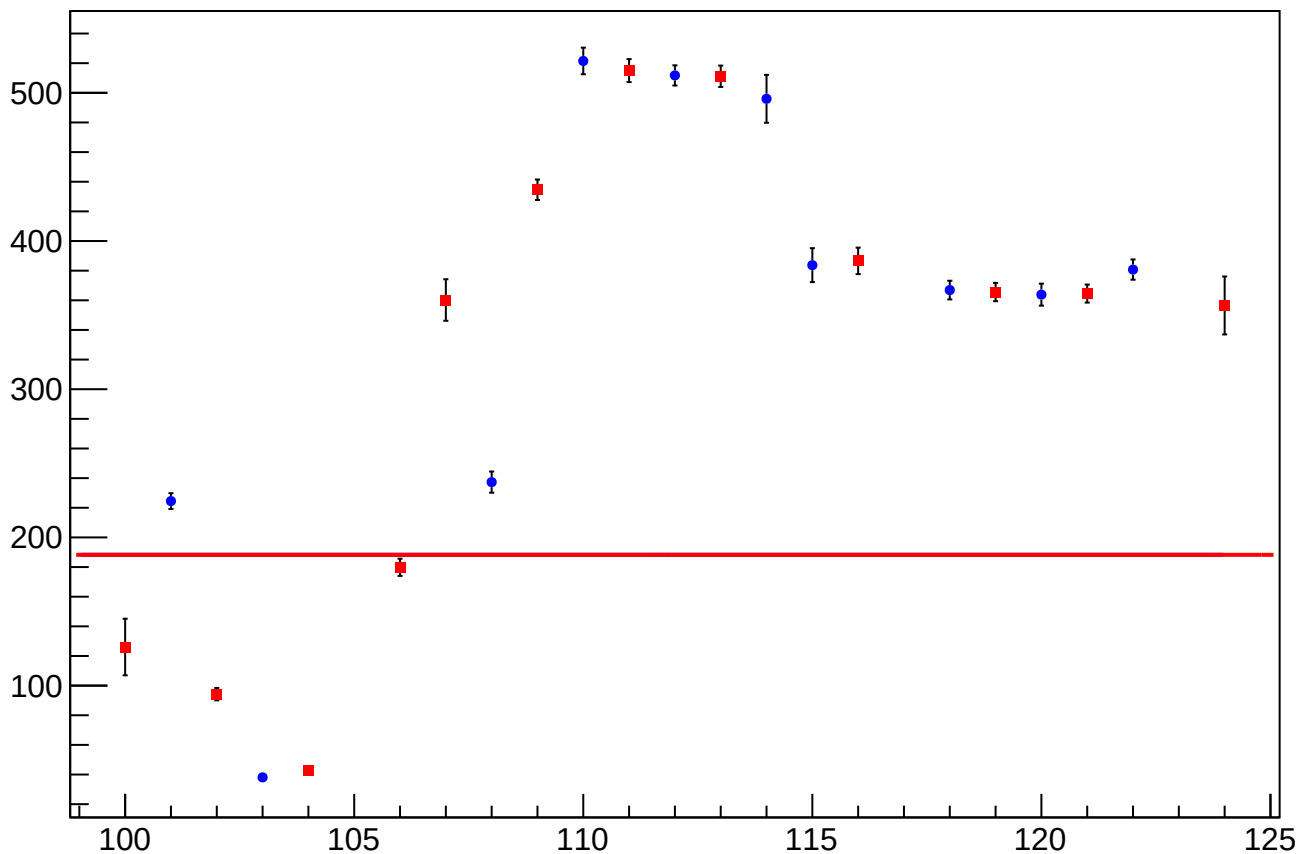
Right: 7.589+/-1.169 χ^2/NDF : 154.5/21

In: 8.835+/-1.733 χ^2/NDF : 49.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.589+/-1.169 χ^2/NDF : 154.5/21

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 188.278+/-1.689 χ^2/NDF : 10724.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 188.258+/-1.608 χ^2/NDF : 11477.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

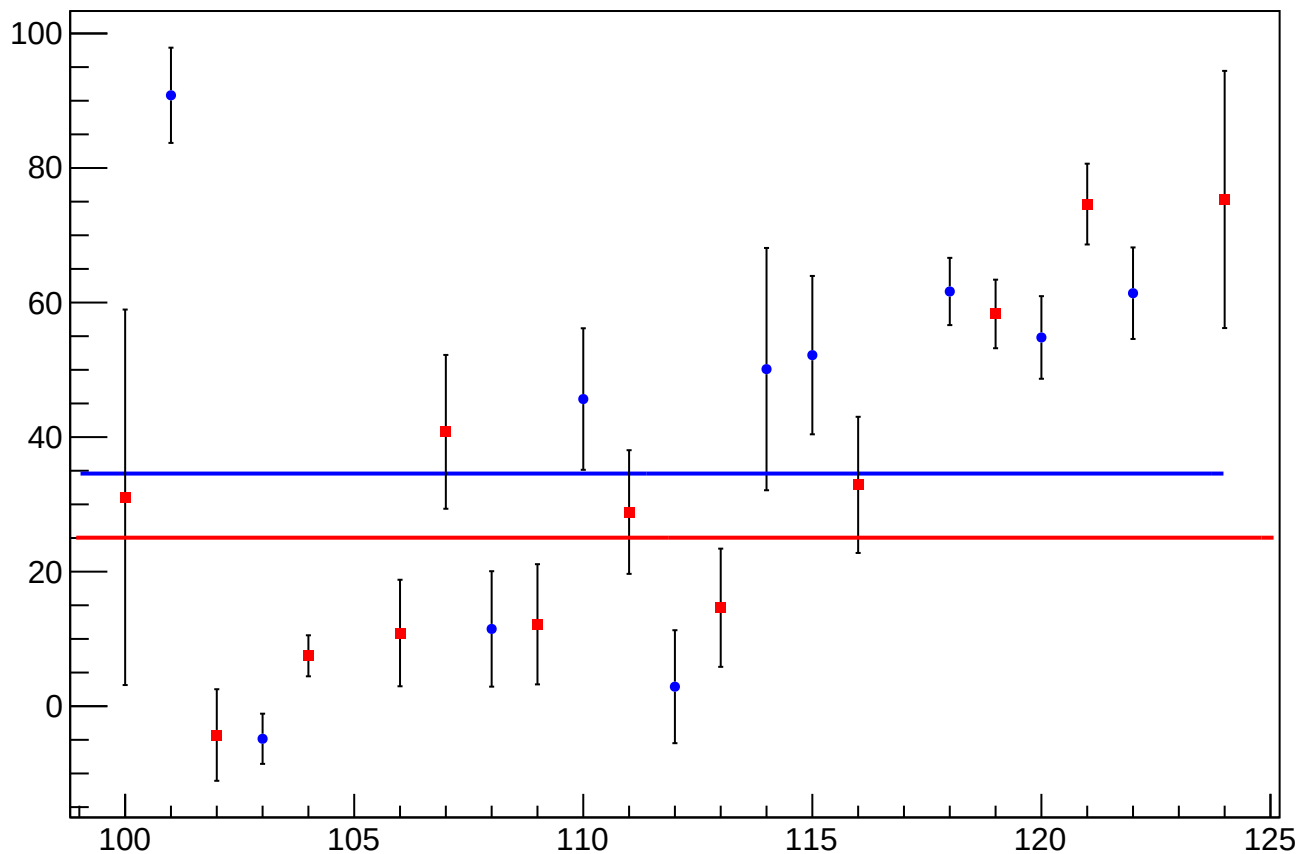
Right: 188.268+/-1.165 χ^2/NDF : 22201.9/21

In: 188.278+/-1.689 χ^2/NDF :10724.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 188.268+/-1.165 χ^2/NDF : 22201.9/21

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.580+/-2.098 χ^2/NDF : 256.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.049+/-1.924 χ^2/NDF : 178.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

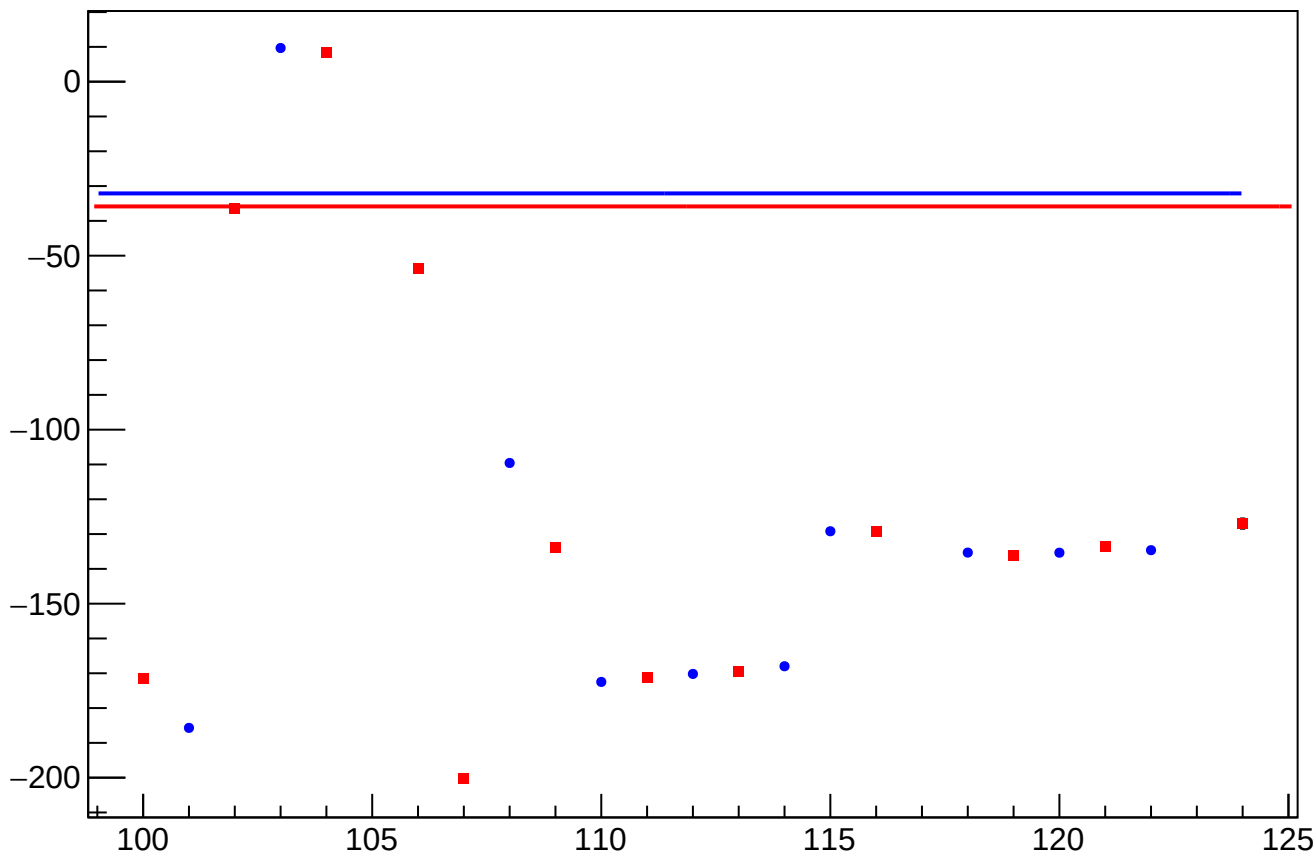
Right: 29.403+/-1.418 χ^2/NDF : 446.2/21

In: 34.580+/-2.098 χ^2/NDF : 256.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.403+/-1.418 χ^2/NDF : 446.2/21

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -32.108+/-0.082 χ^2/NDF : 733676.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.846+/-0.083 χ^2/NDF : 510688.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

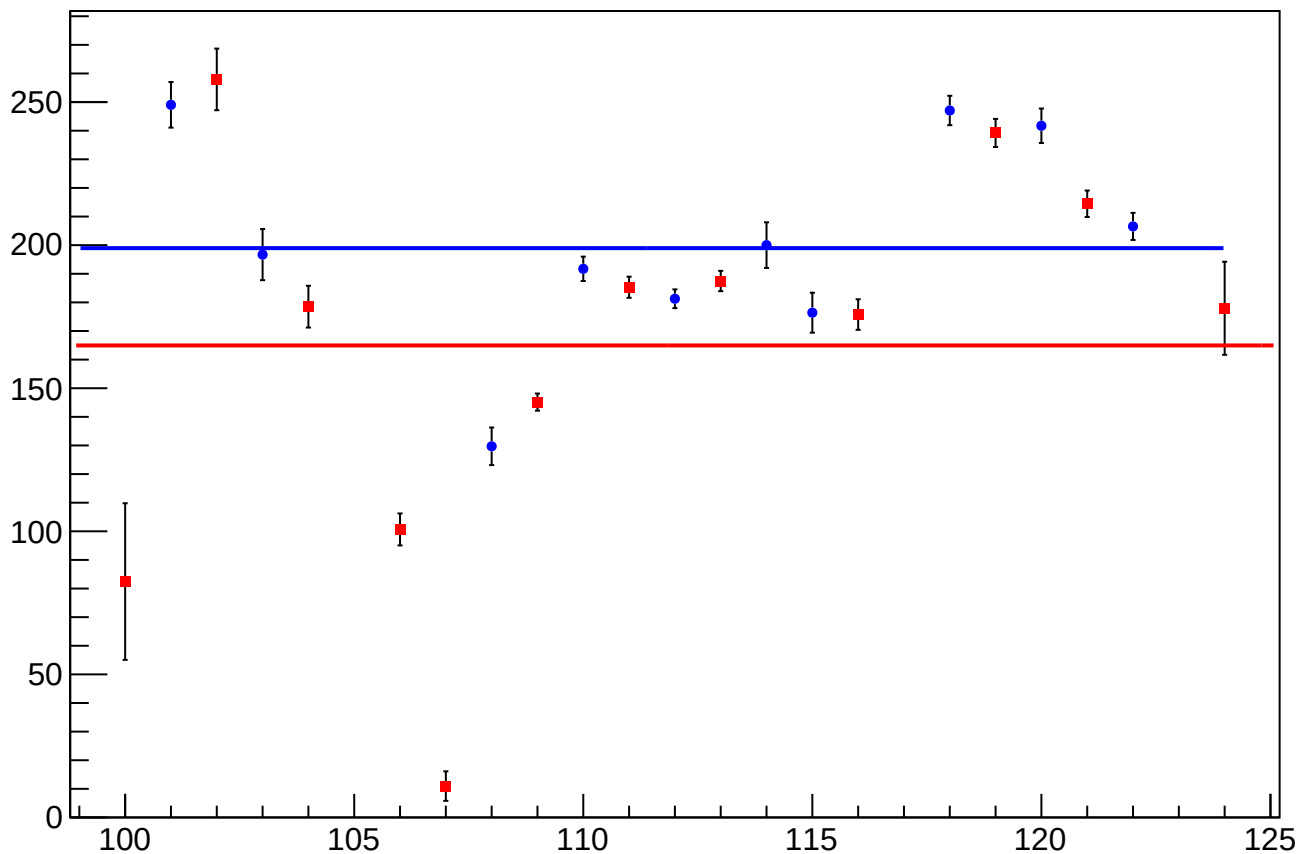
Right: -33.970+/-0.058 χ^2/NDF : 1245389.0/21

In: -32.108+/-0.082 χ^2/NDF : 733676.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.970+/-0.058 χ^2/NDF : 1245389.0/21

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 198.958 $\pm$ 1.700 χ^2 /NDF: 334.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.952 $\pm$ 1.428 χ^2 /NDF: 1573.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

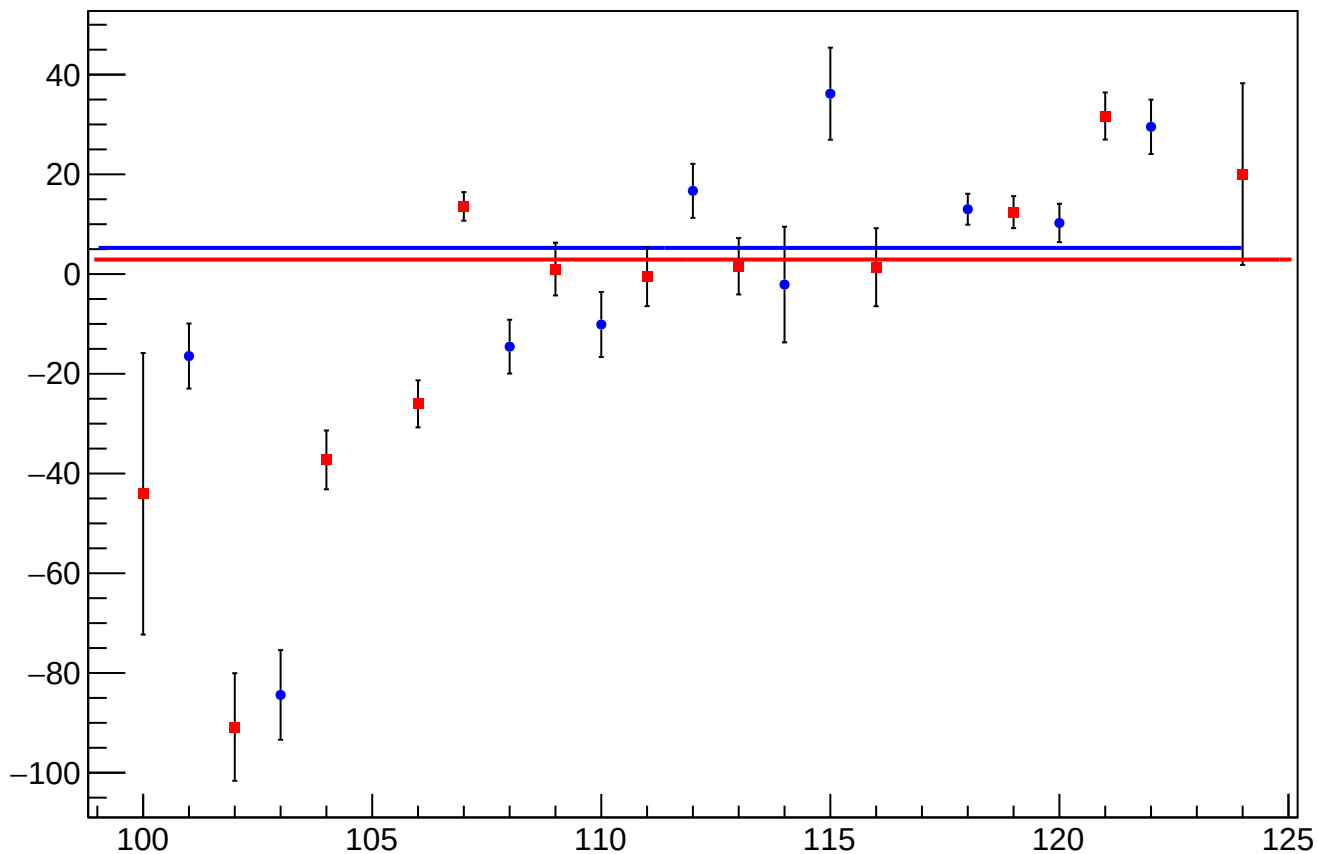
Right: 179.022 $\pm$ 1.093 χ^2 /NDF: 2142.4/21

In: 198.958 $\pm$ 1.700 χ^2 /NDF:334.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 179.022 $\pm$ 1.093 χ^2 /NDF: 2142.4/21

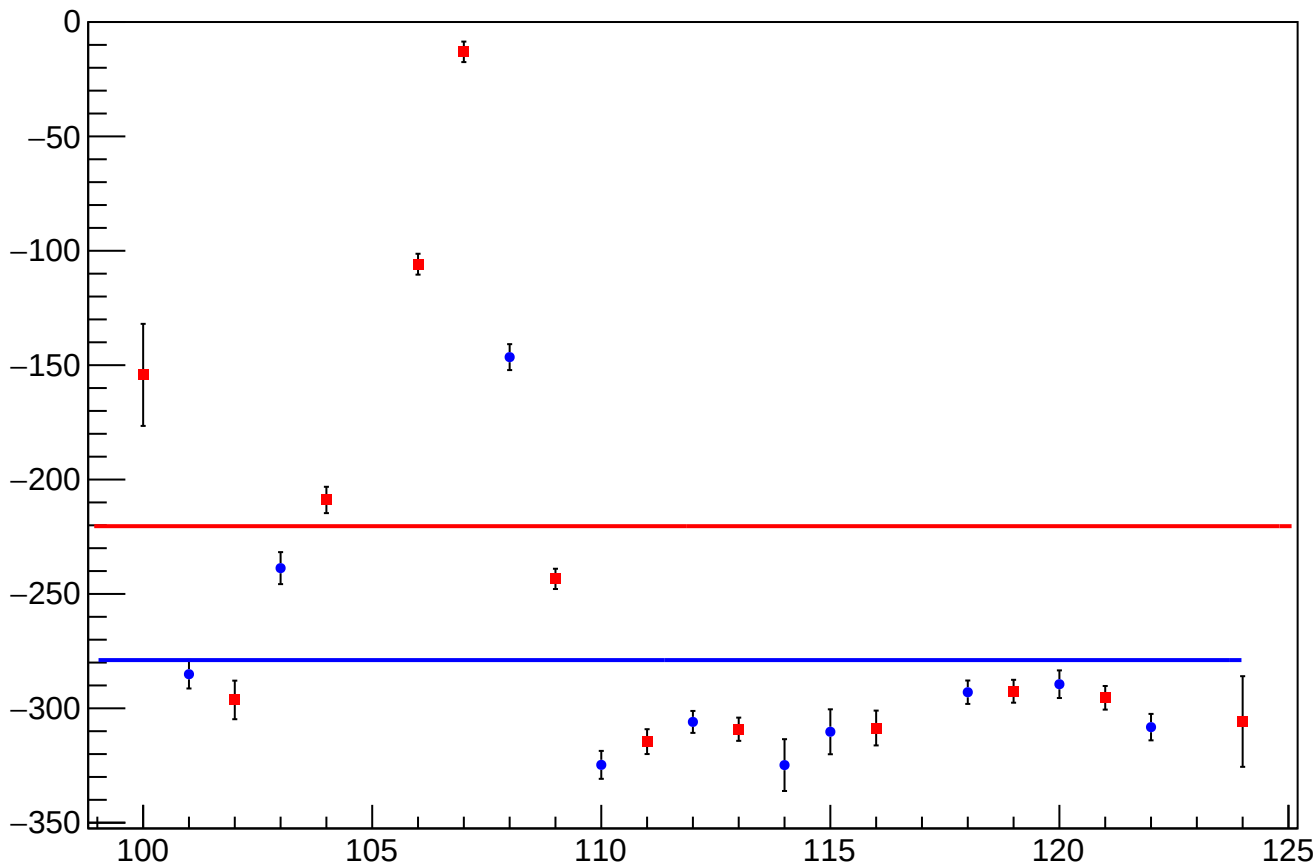
reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.245+/-1.684 χ^2/NDF : 173.5/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2.919+/-1.471 χ^2/NDF : 223.5/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 3.926+/-1.108 χ^2/NDF : 398.1/21
 In: 5.245+/-1.684 χ^2/NDF : 173.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.926+/-1.108 χ^2/NDF : 398.1/21

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.919+/-1.956 χ^2/NDF : 731.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -220.378+/-1.655 χ^2/NDF : 4073.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

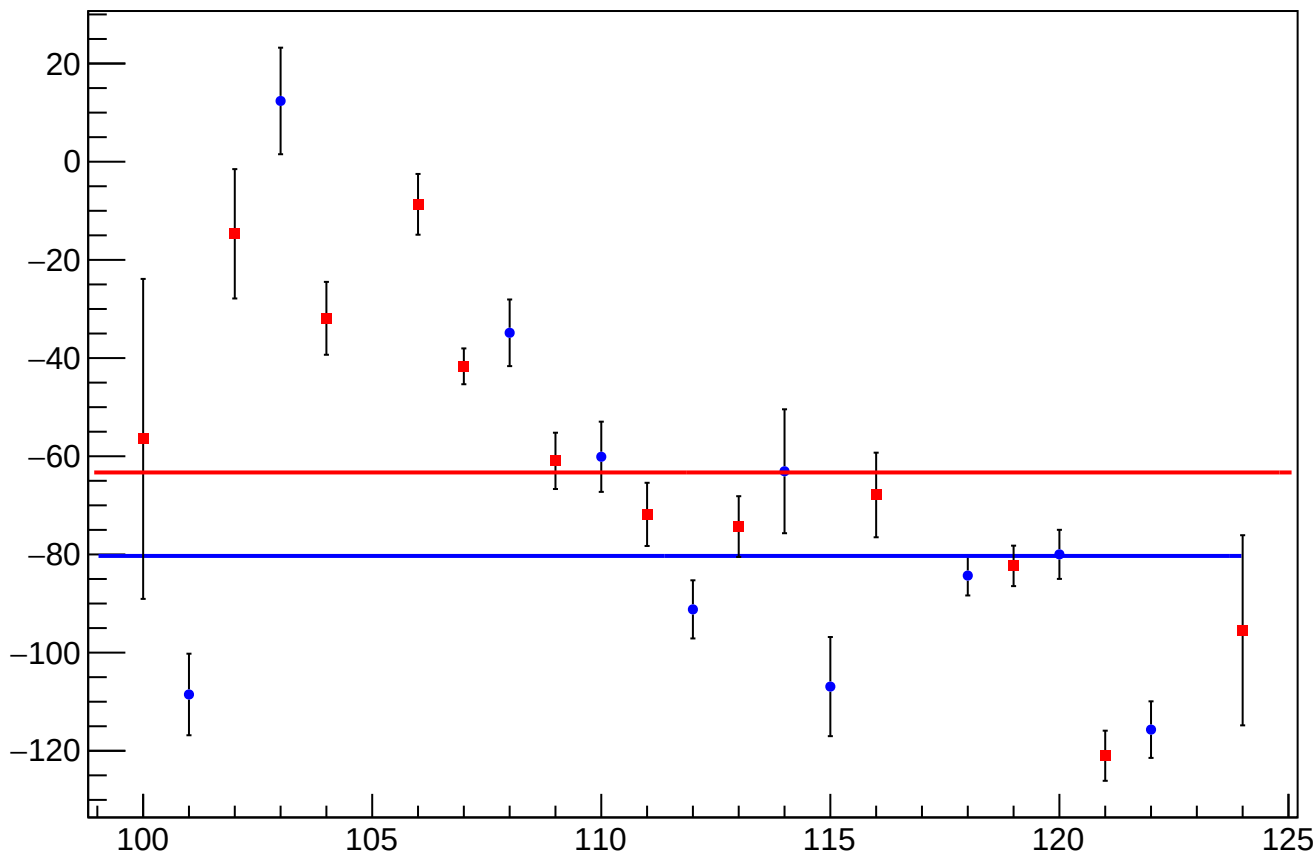
Right: -244.796+/-1.263 χ^2/NDF : 5326.8/21

In: -278.919+/-1.956 χ^2/NDF : 731.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.796+/-1.263 χ^2/NDF : 5326.8/21

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -80.304 ± 2.042 $\chi^2/\text{NDF}: 188.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -63.300 ± 1.767 $\chi^2/\text{NDF}: 301.8/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

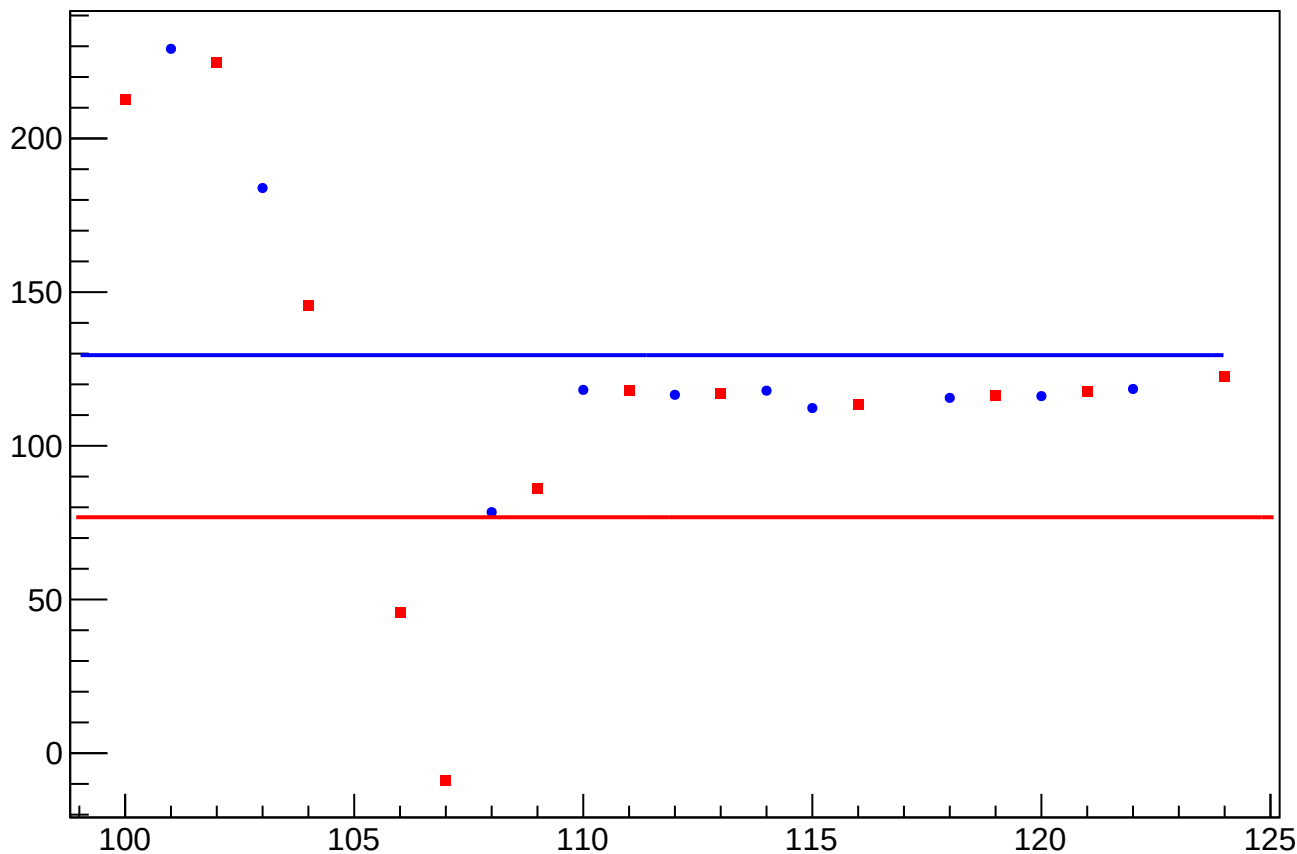
Right: -70.584 ± 1.336 $\chi^2/\text{NDF}: 529.6/21$

In: -80.304 ± 2.042 $\chi^2/\text{NDF}: 188.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -70.584 ± 1.336 $\chi^2/\text{NDF}: 529.6/21$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 129.498+/-0.122 χ^2/NDF : 158400.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.759+/-0.095 χ^2/NDF : 520591.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

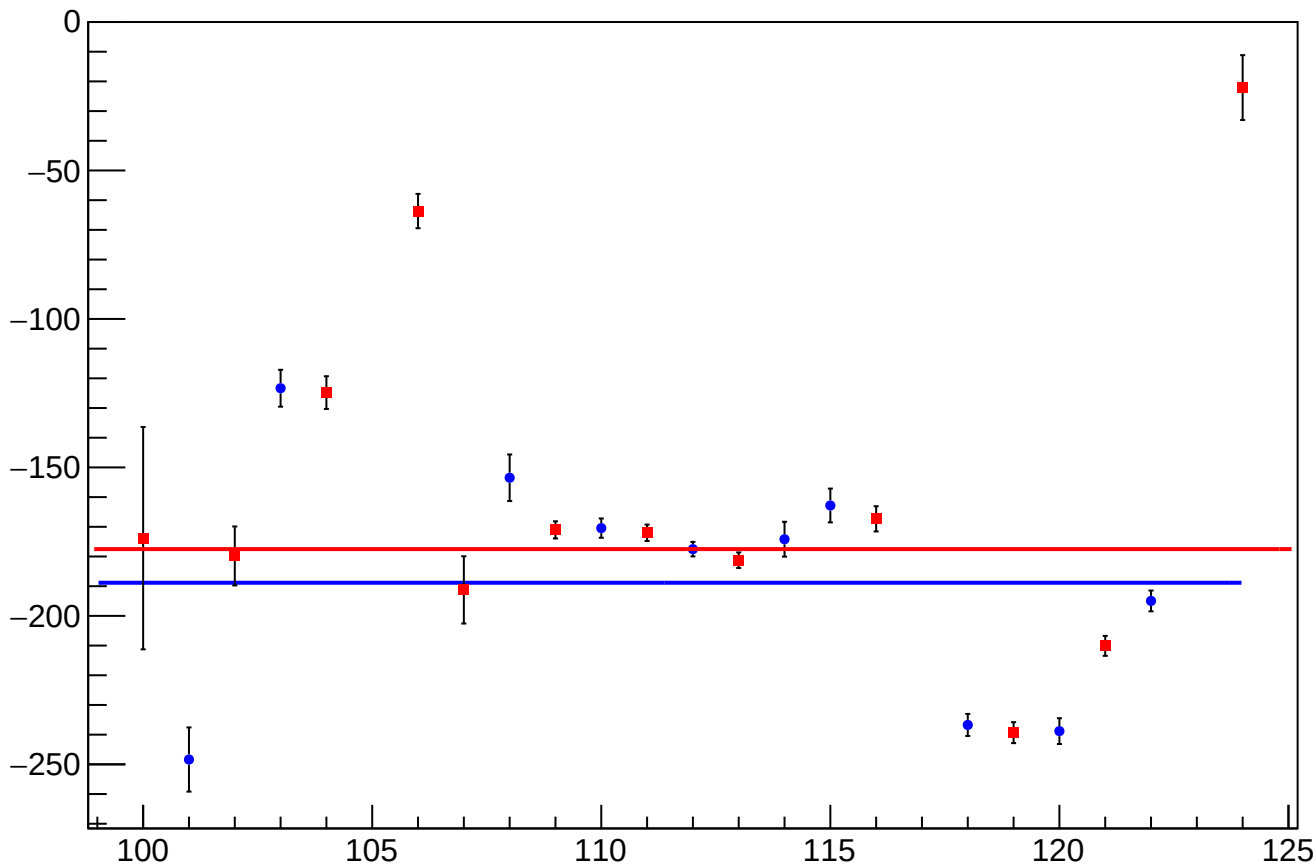
Right: 96.742+/-0.075 χ^2/NDF : 794728.1/21

In: 129.498+/-0.122 χ^2/NDF : 158400.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.742+/-0.075 χ^2/NDF : 794728.1/21

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -188.840+/-1.314 χ^2 /NDF: 544.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -177.508+/-1.187 χ^2 /NDF: 1100.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

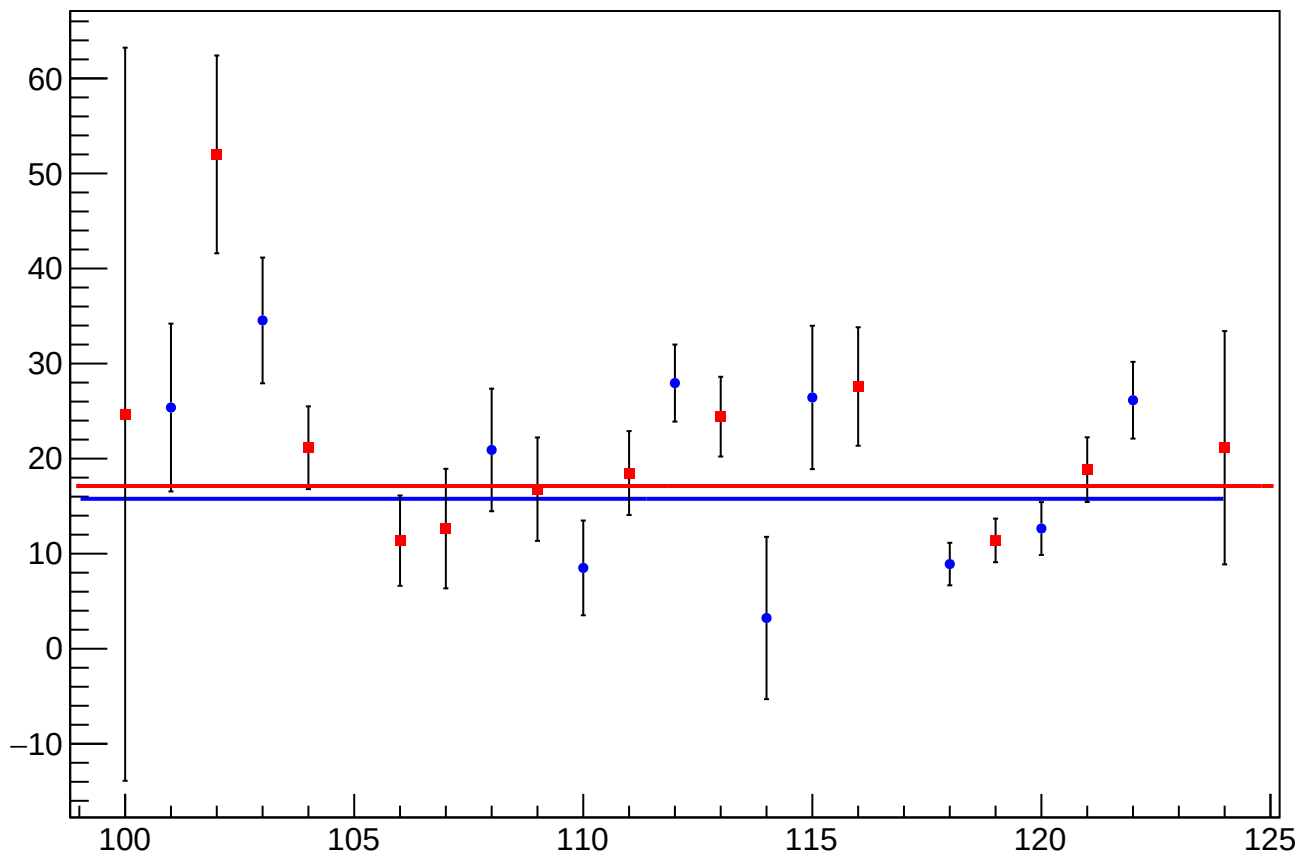
Right: -182.597+/-0.881 χ^2 /NDF: 1685.8/21

In: -188.840+/-1.314 χ^2 /NDF:544.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -182.597+/-0.881 χ^2 /NDF: 1685.8/21

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.772 $\pm$ 1.310 χ^2 /NDF: 42.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.119 $\pm$ 1.310 χ^2 /NDF: 26.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

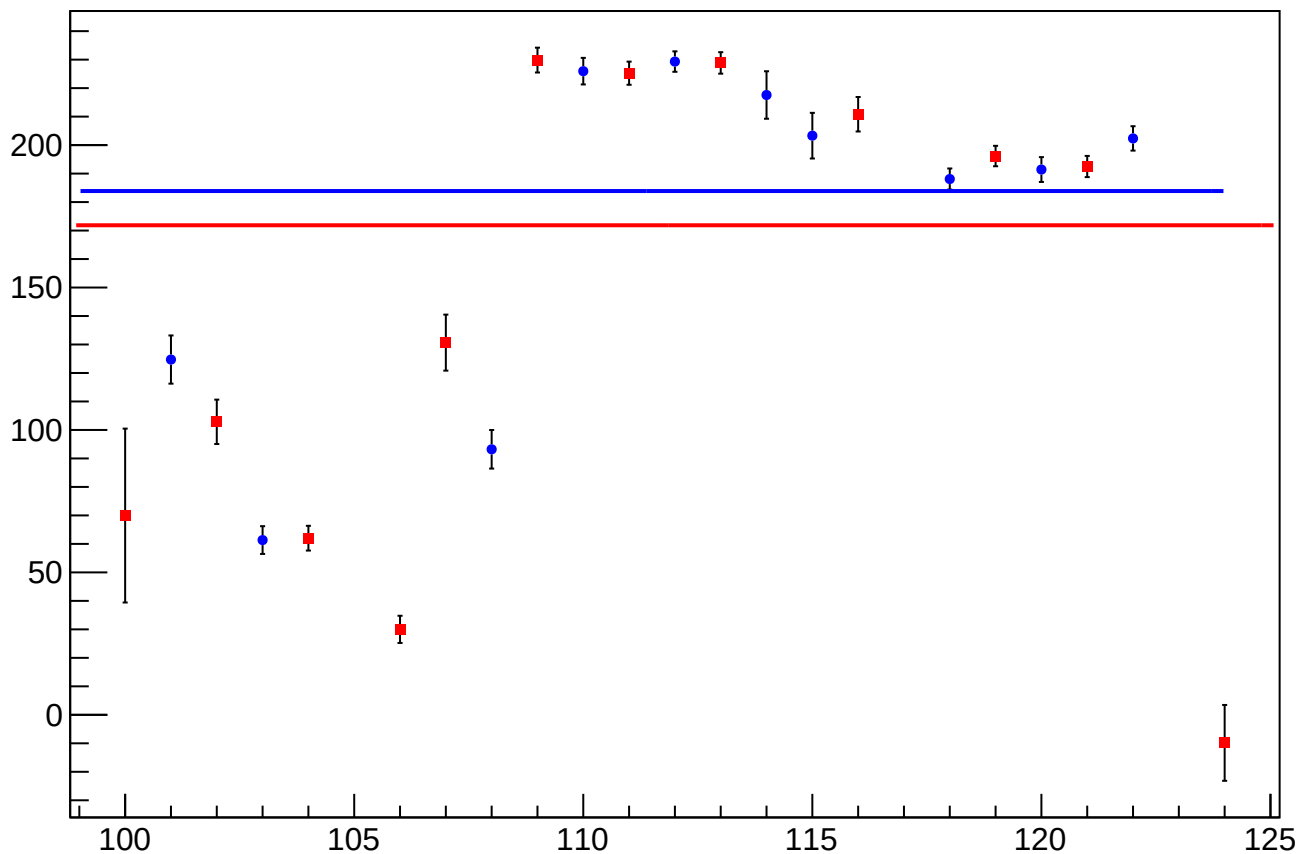
Right: 16.446 $\pm$ 0.926 χ^2 /NDF: 69.6/21

In: 15.772 $\pm$ 1.310 χ^2 /NDF: 42.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.446 $\pm$ 0.926 χ^2 /NDF: 69.6/21

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 183.873+/-1.558 χ^2/NDF : 1148.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.856+/-1.426 χ^2/NDF : 2513.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

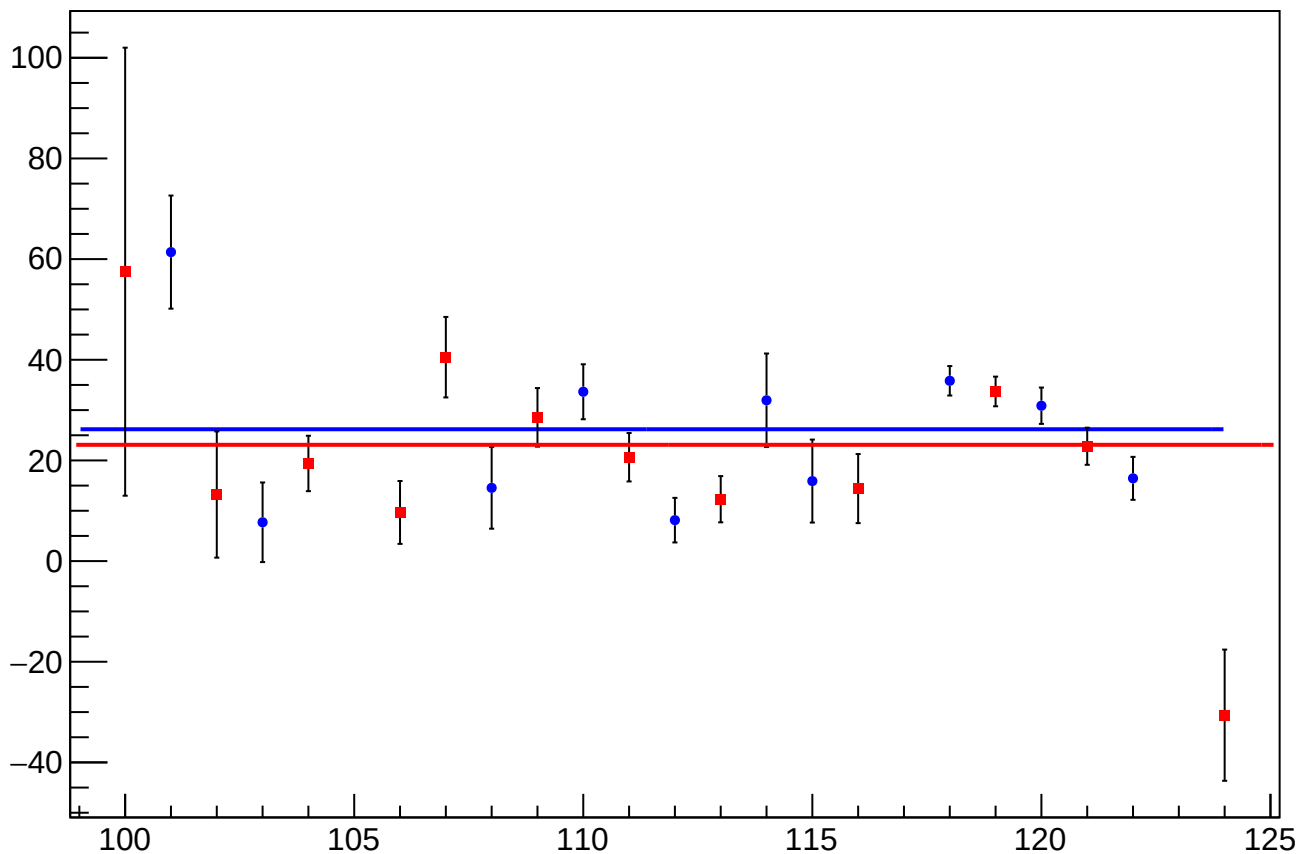
Right: 177.335+/-1.052 χ^2/NDF : 3693.4/21

In: 183.873+/-1.558 χ^2/NDF : 1148.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.335+/-1.052 χ^2/NDF : 3693.4/21

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.193+/-1.584 χ^2/NDF : 55.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.105+/-1.548 χ^2/NDF : 49.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

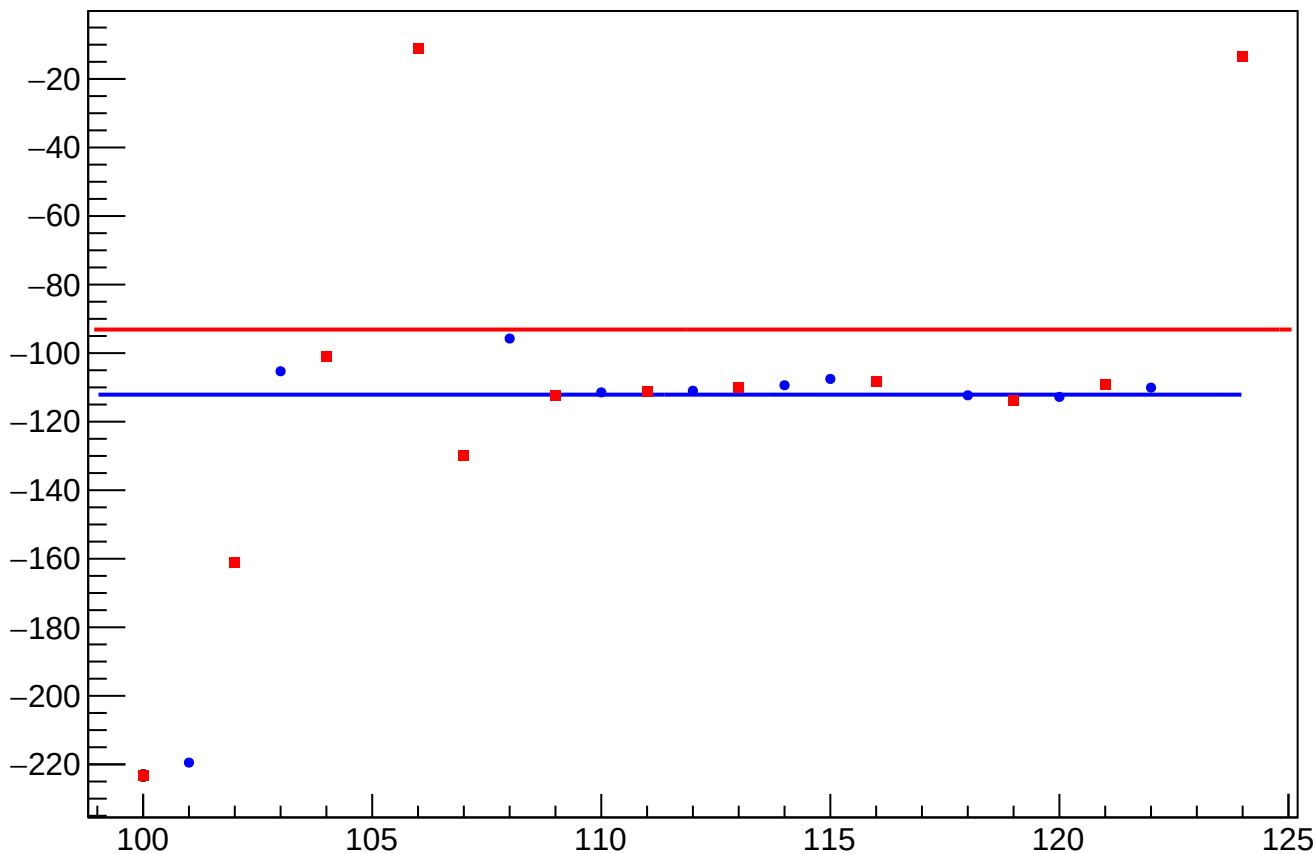
Right: 24.614+/-1.107 χ^2/NDF : 106.7/21

In: 26.193+/-1.584 χ^2/NDF : 55.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.614+/-1.107 χ^2/NDF : 106.7/21

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -112.116 ± 0.102 χ^2/NDF : 50377.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -93.117 ± 0.090 χ^2/NDF : 252554.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

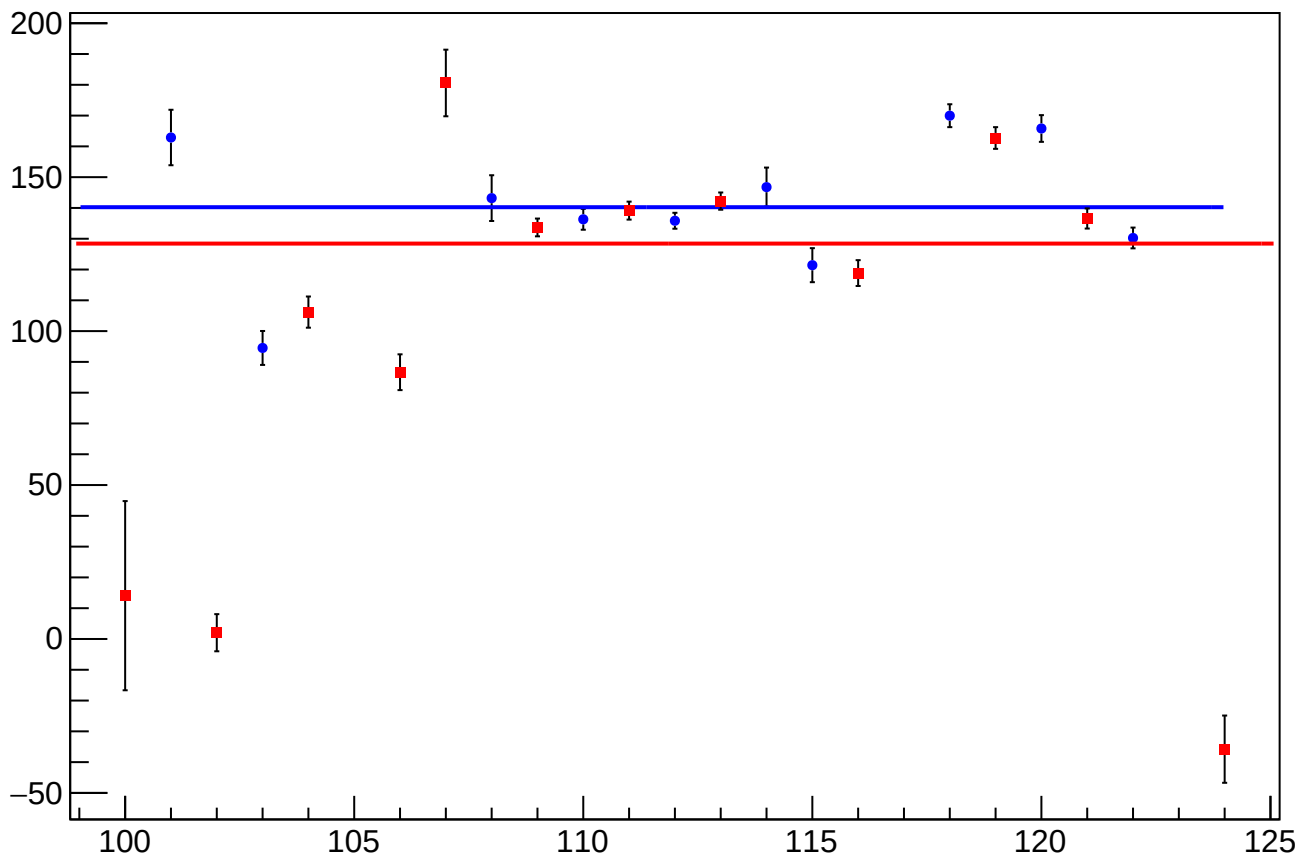
Right: -101.388 ± 0.068 χ^2/NDF : 322359.3/21

In: -112.116 ± 0.102 χ^2/NDF : 50377.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -101.388 ± 0.068 χ^2/NDF : 322359.3/21

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 140.245+/-1.323 χ^2/NDF : 199.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.426+/-1.187 χ^2/NDF : 920.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

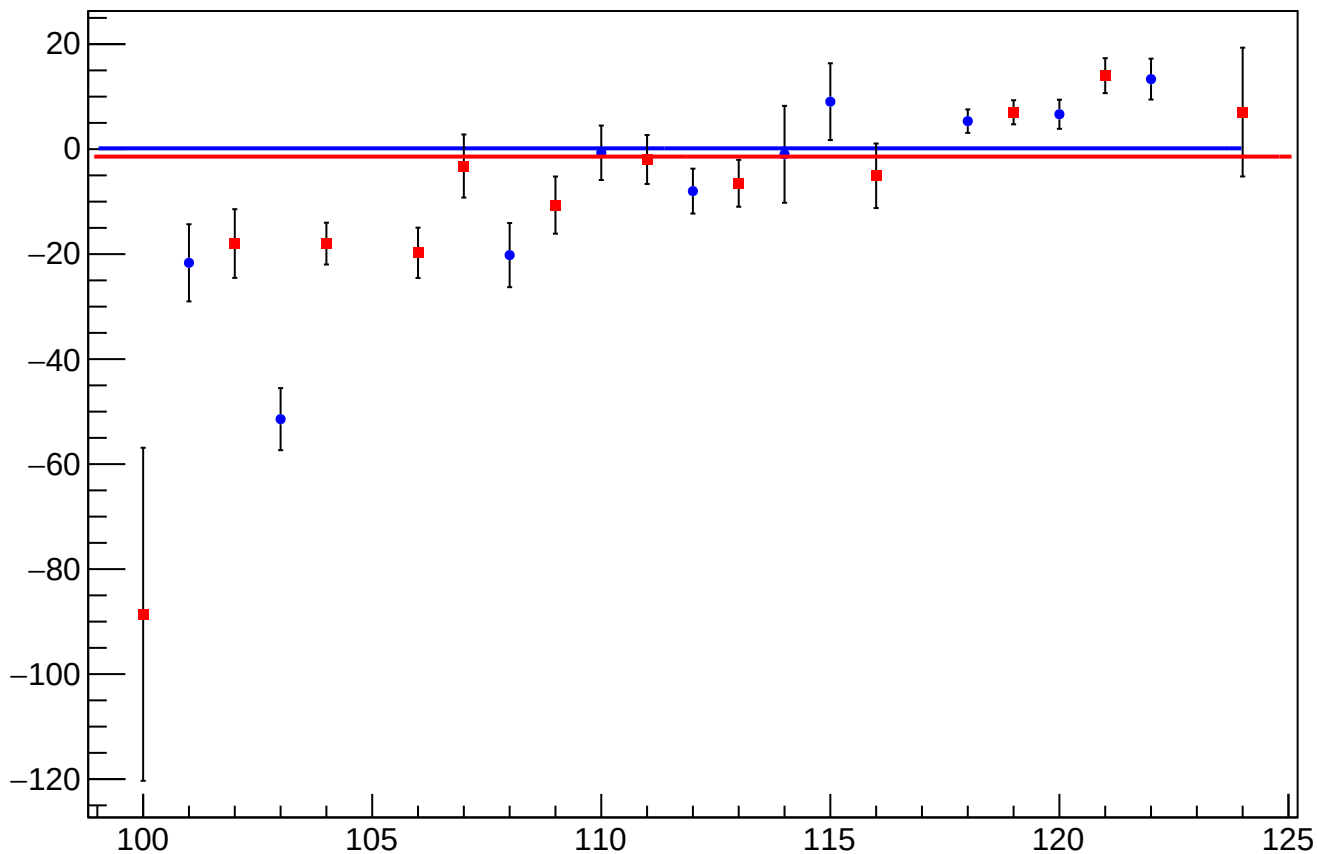
Right: 133.694+/-0.884 χ^2/NDF : 1164.2/21

In: 140.245+/-1.323 χ^2/NDF : 199.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.694+/-0.884 χ^2/NDF : 1164.2/21

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.152+/-1.300 χ^2/NDF : 123.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.425+/-1.289 χ^2/NDF : 86.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

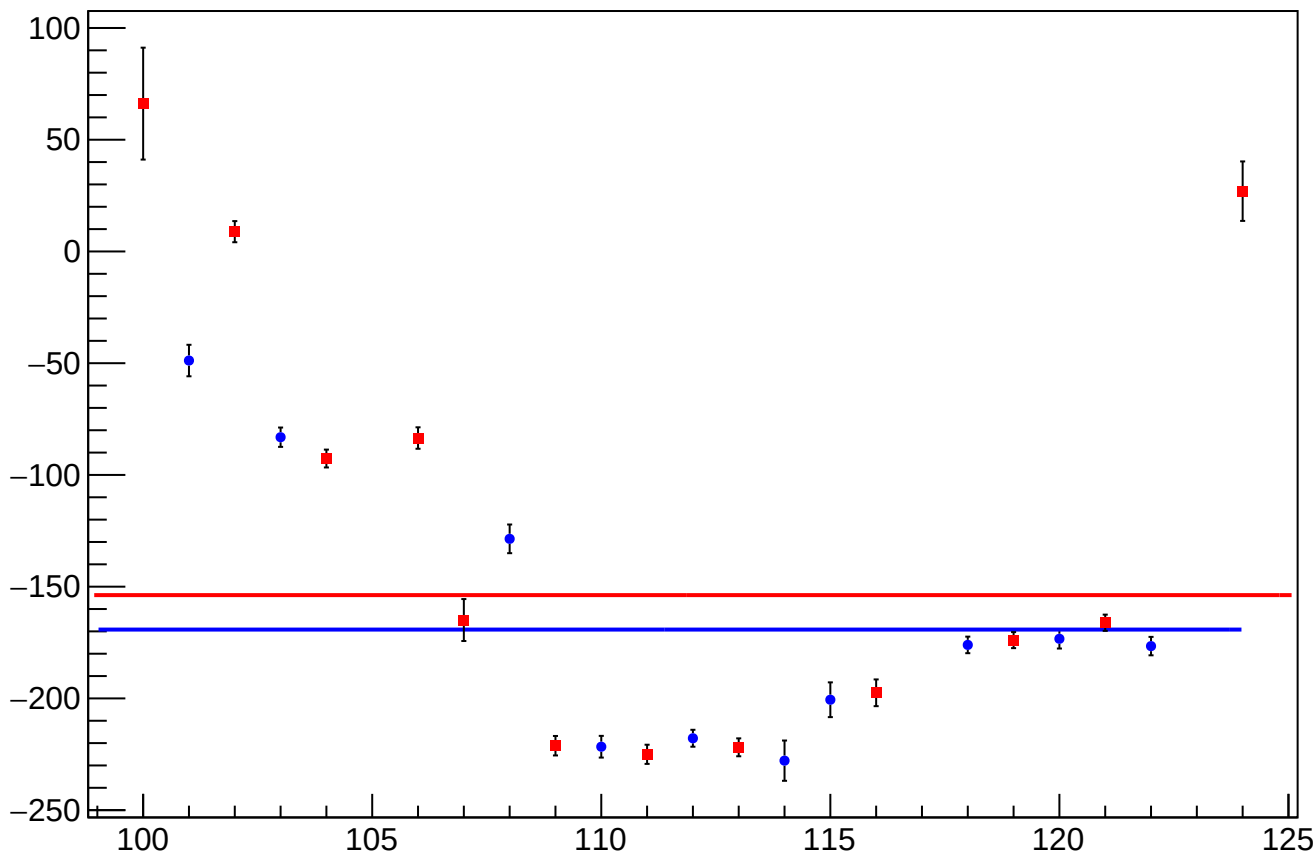
Right: -0.643+/-0.915 χ^2/NDF : 210.2/21

In: 0.152+/-1.300 χ^2/NDF : 123.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.643+/-0.915 χ^2/NDF : 210.2/21

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -169.197+/-1.537 χ^2/NDF : 1075.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -153.778+/-1.387 χ^2/NDF : 2794.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

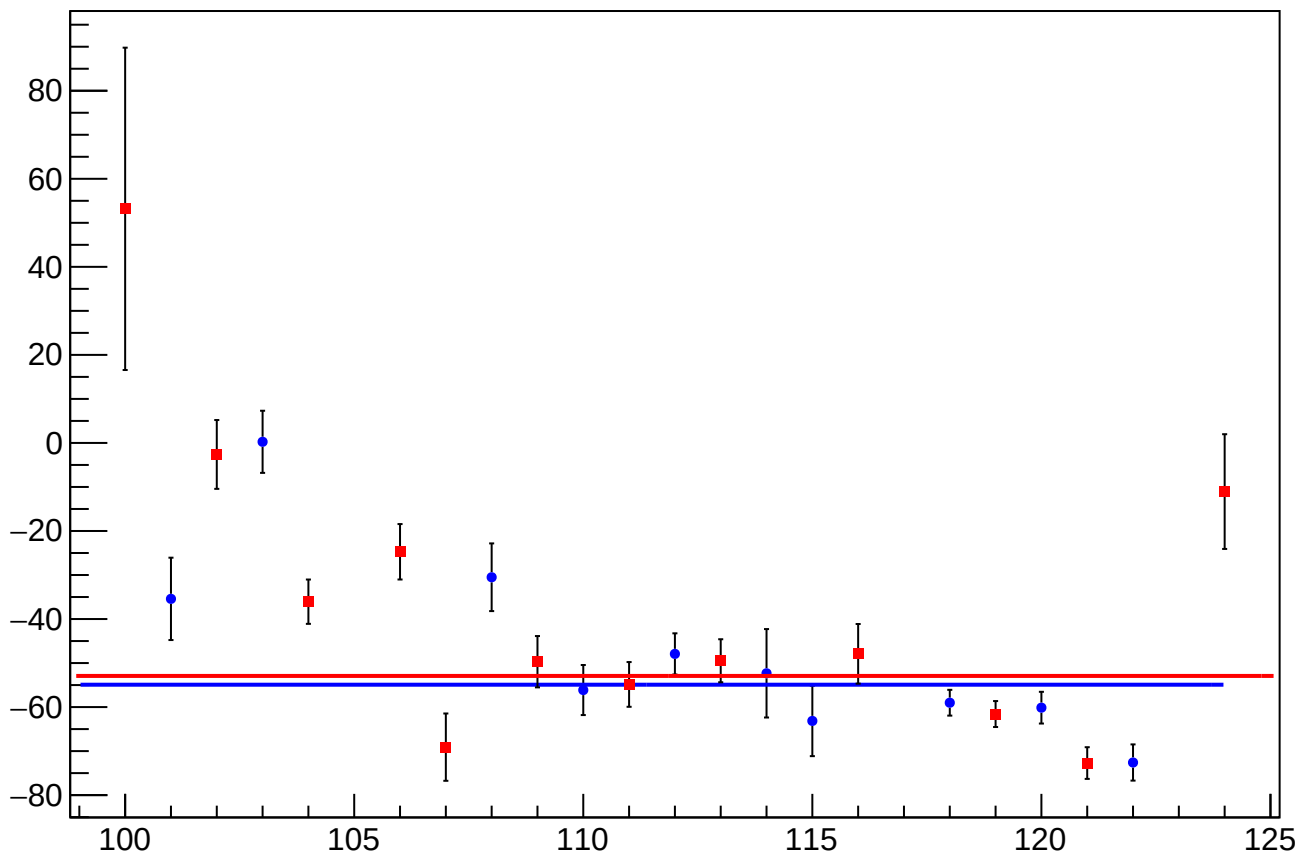
Right: -160.699+/-1.029 χ^2/NDF : 3925.4/21

In: -169.197+/-1.537 χ^2/NDF : 1075.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.699+/-1.029 χ^2/NDF : 3925.4/21

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -54.919+/-1.574 χ^2/NDF : 101.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.925+/-1.527 χ^2/NDF : 136.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

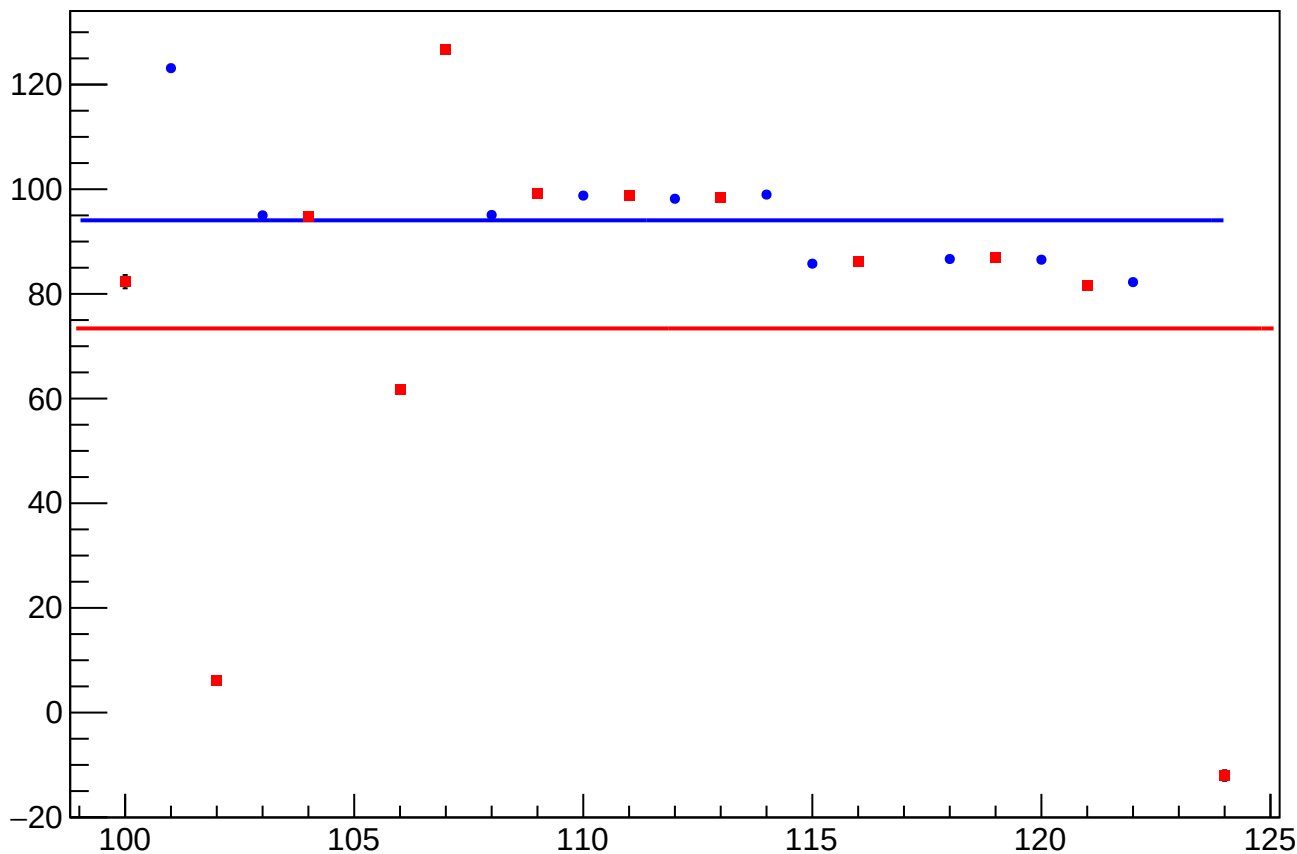
Right: -53.892+/-1.096 χ^2/NDF : 238.6/21

In: -54.919+/-1.574 χ^2/NDF : 101.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.892+/-1.096 χ^2/NDF : 238.6/21

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 94.057+/-0.098 χ^2/NDF : 8027.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.398+/-0.084 χ^2/NDF : 176000.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

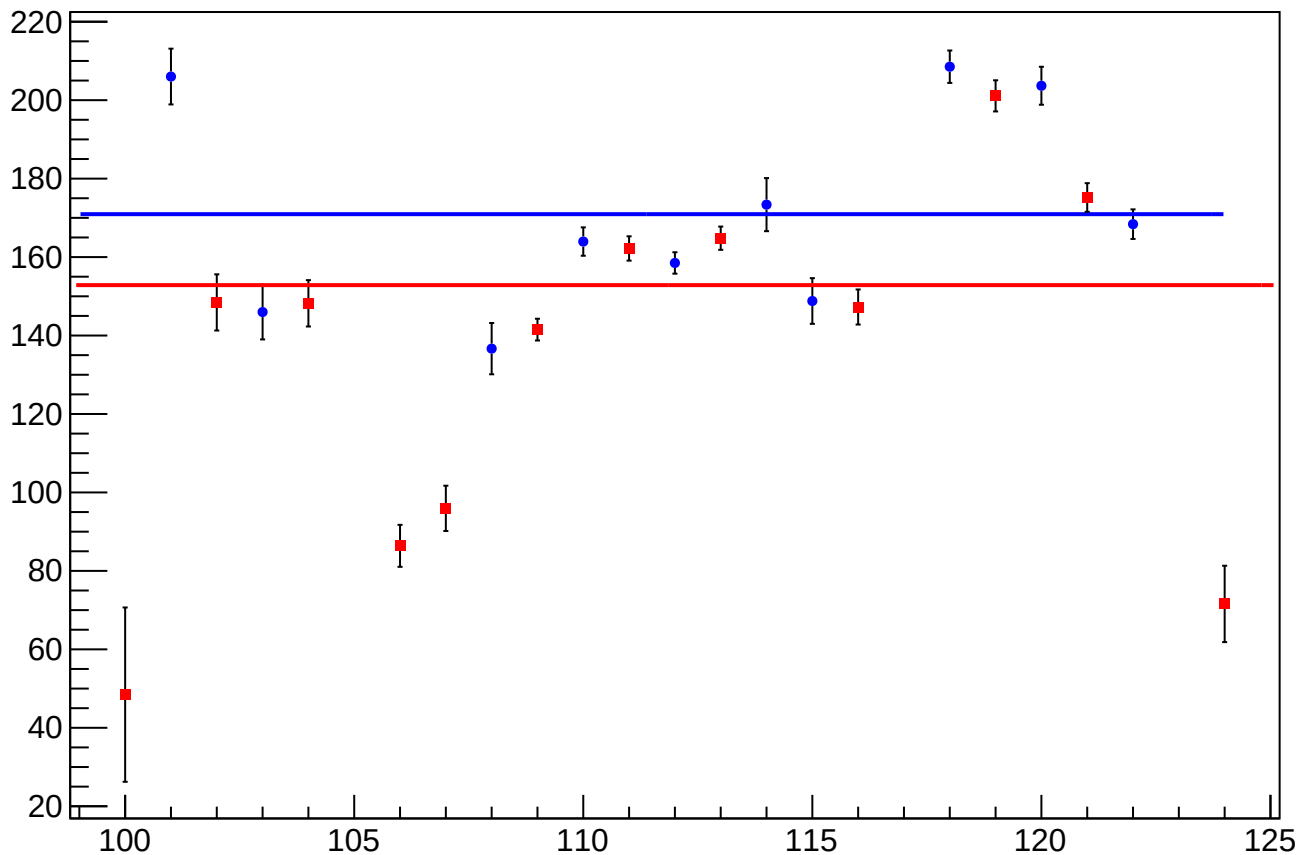
Right: 82.109+/-0.064 χ^2/NDF : 209659.9/21

In: 94.057+/-0.098 χ^2/NDF : 8027.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.109+/-0.064 χ^2/NDF : 209659.9/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.939+/-1.418 χ^2/NDF : 232.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.852+/-1.229 χ^2/NDF : 573.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

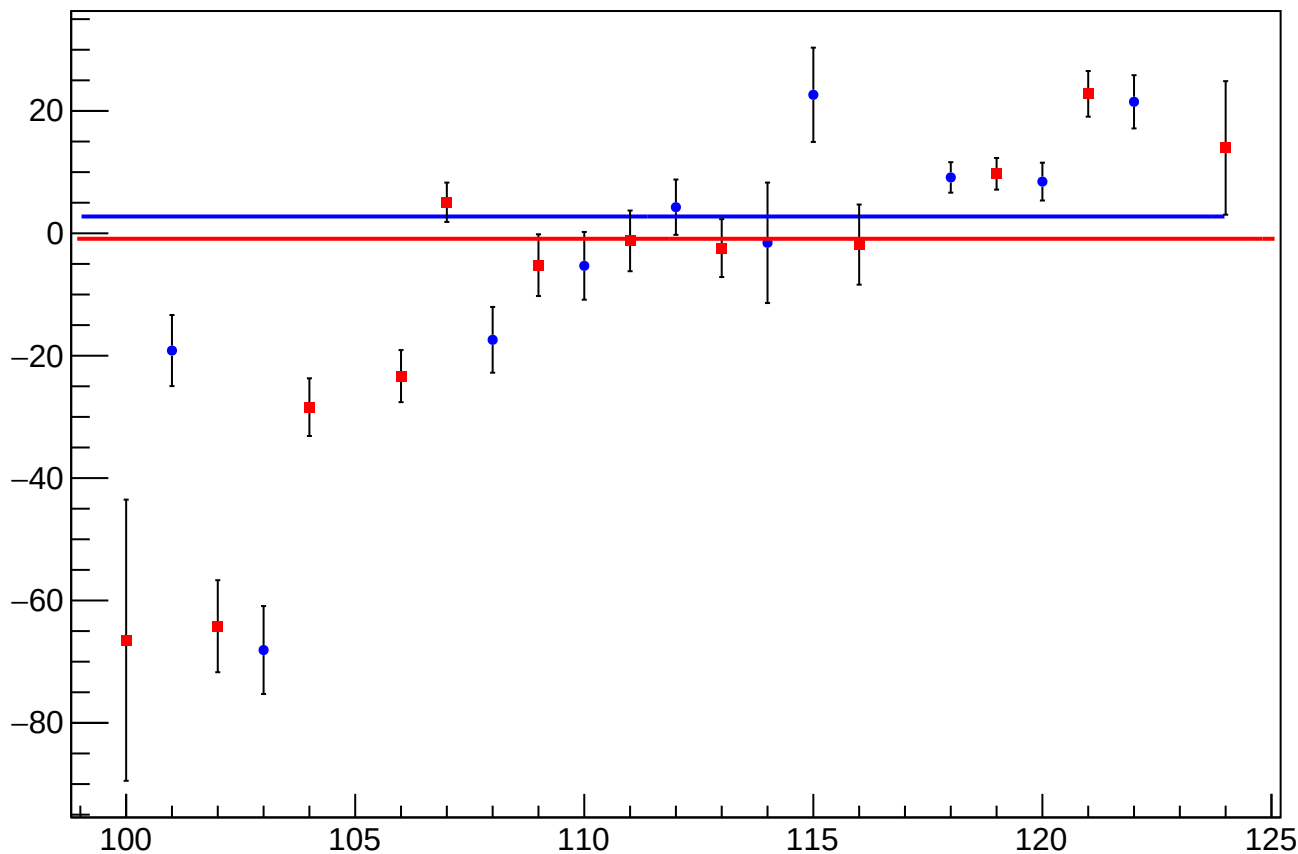
Right: 160.610+/-0.929 χ^2/NDF : 898.6/21

In: 170.939+/-1.418 χ^2/NDF : 232.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.610+/-0.929 χ^2/NDF : 898.6/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.891+/-1.297 χ^2/NDF : 204.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

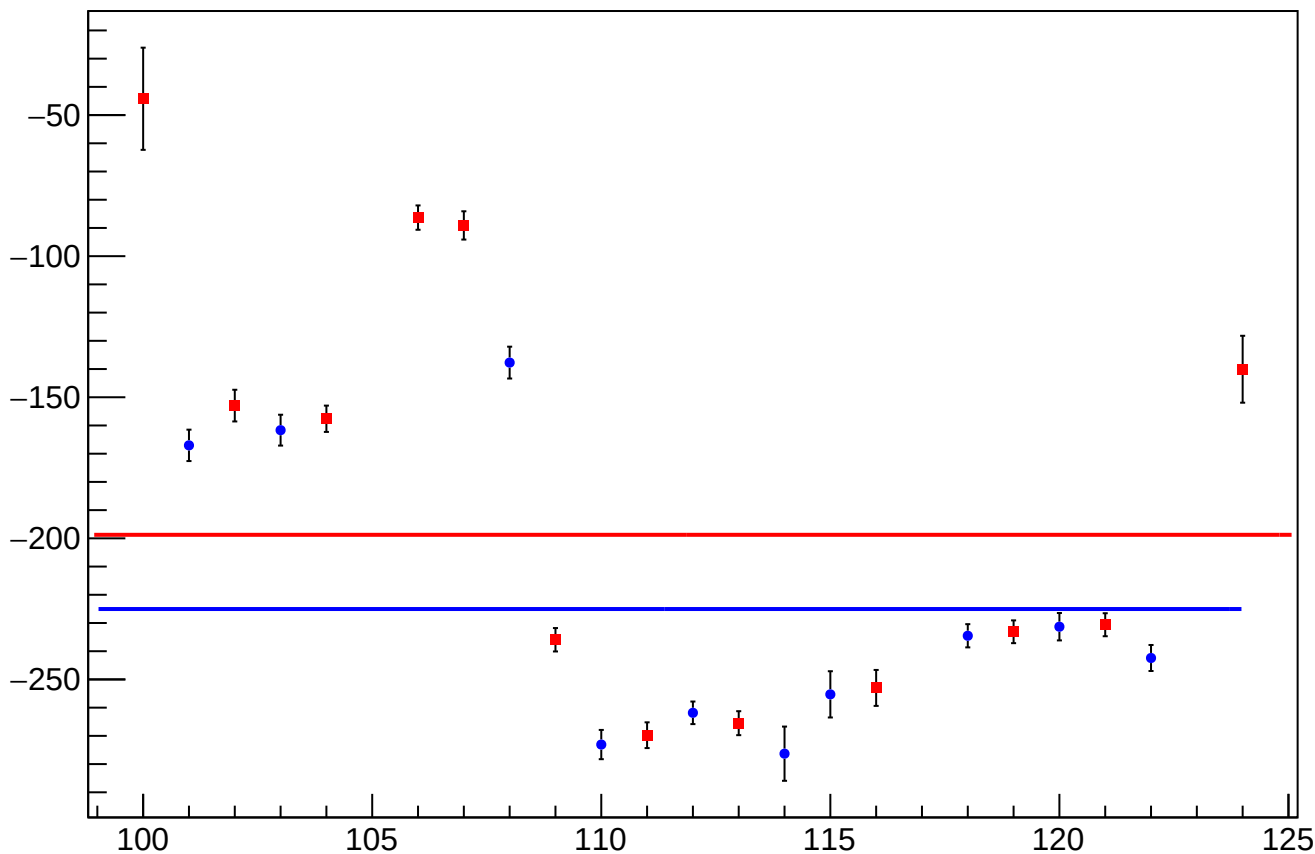
Right: 0.792+/-0.951 χ^2/NDF : 371.1/21

In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.792+/-0.951 χ^2/NDF : 371.1/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -225.048+/-1.641 χ^2/NDF : 716.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -198.748+/-1.430 χ^2/NDF : 2175.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

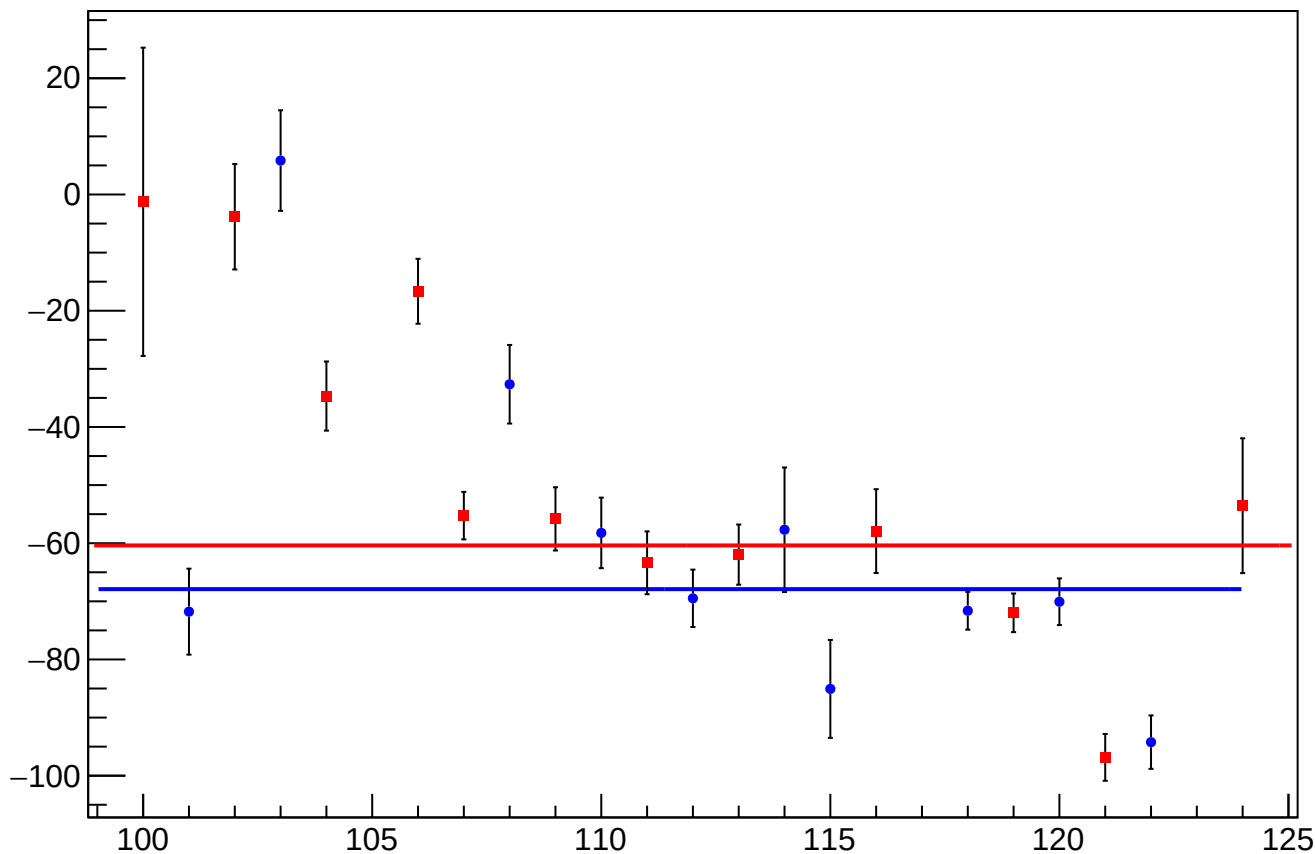
Right: -210.093+/-1.078 χ^2/NDF : 3037.4/21

In: -225.048+/-1.641 χ^2/NDF : 716.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.093+/-1.078 χ^2/NDF : 3037.4/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.902 $\pm$ 1.695 χ^2 /NDF: 142.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.381 $\pm$ 1.547 χ^2 /NDF: 221.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

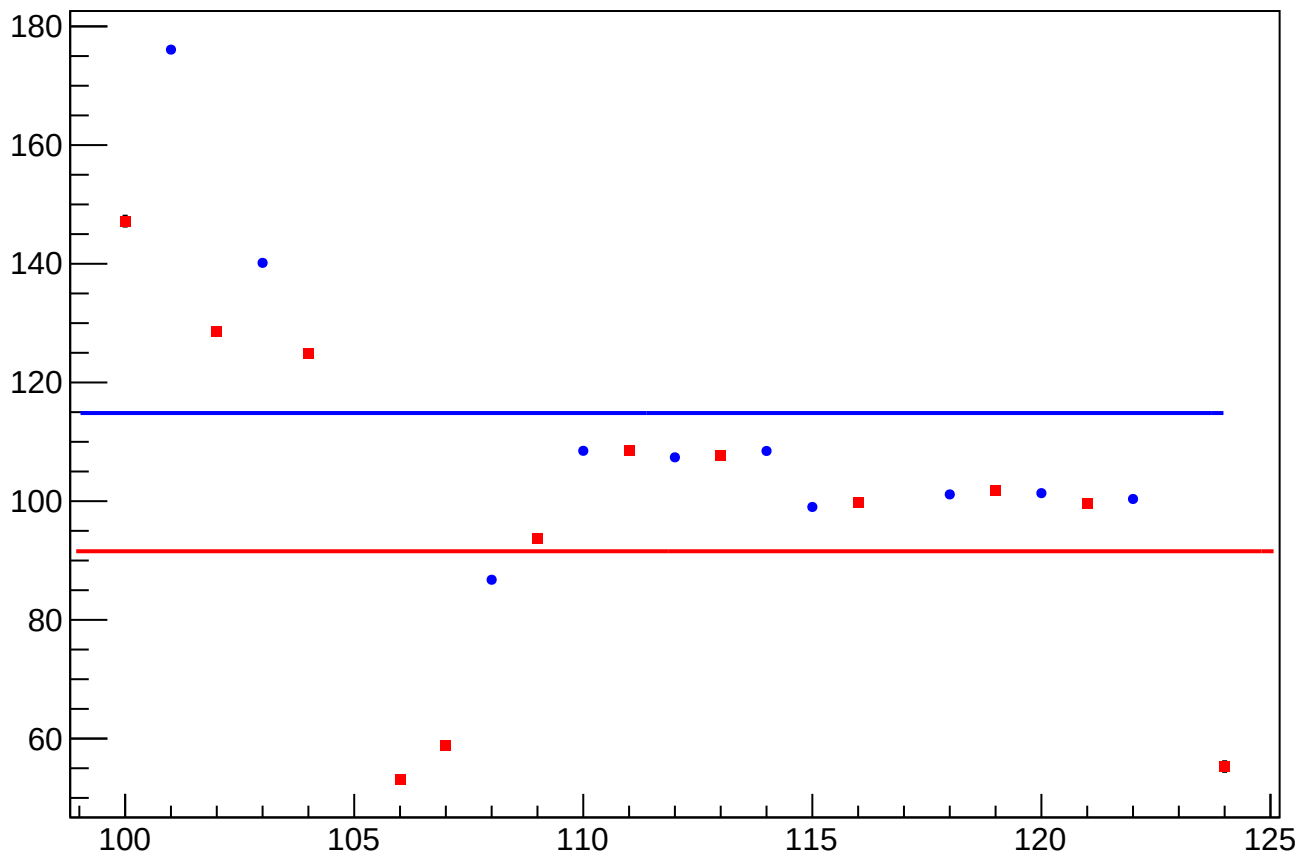
Right: -63.798 $\pm$ 1.143 χ^2 /NDF: 374.0/21

In: -67.902 $\pm$ 1.695 χ^2 /NDF:142.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.798 $\pm$ 1.143 χ^2 /NDF: 374.0/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.563+/-0.084 χ^2/NDF : 121960.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

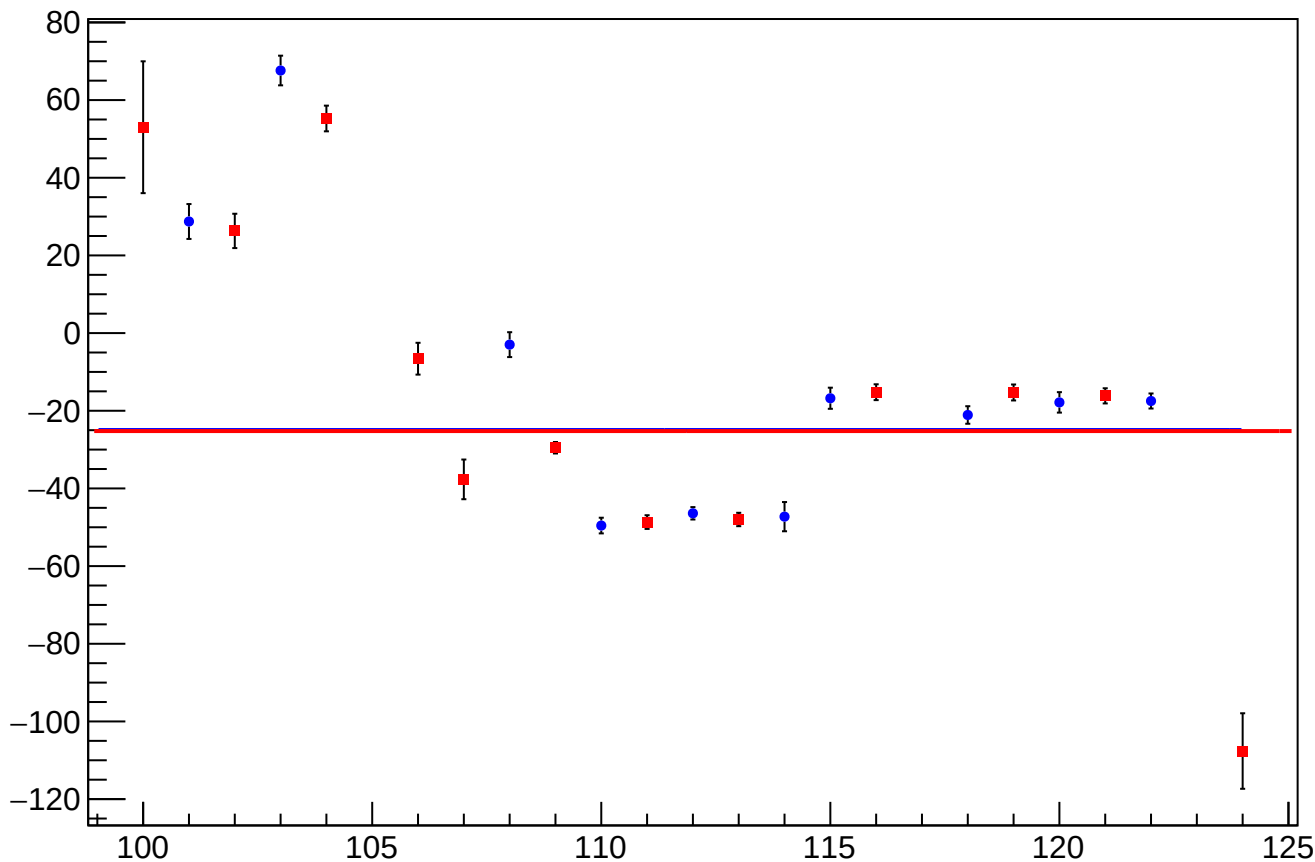
Right: 100.699+/-0.066 χ^2/NDF : 219073.1/21

In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.699+/-0.066 χ^2/NDF : 219073.1/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.966 $\pm$ 0.775 χ^2 /NDF: 1175.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.228 $\pm$ 0.688 χ^2 /NDF: 1275.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

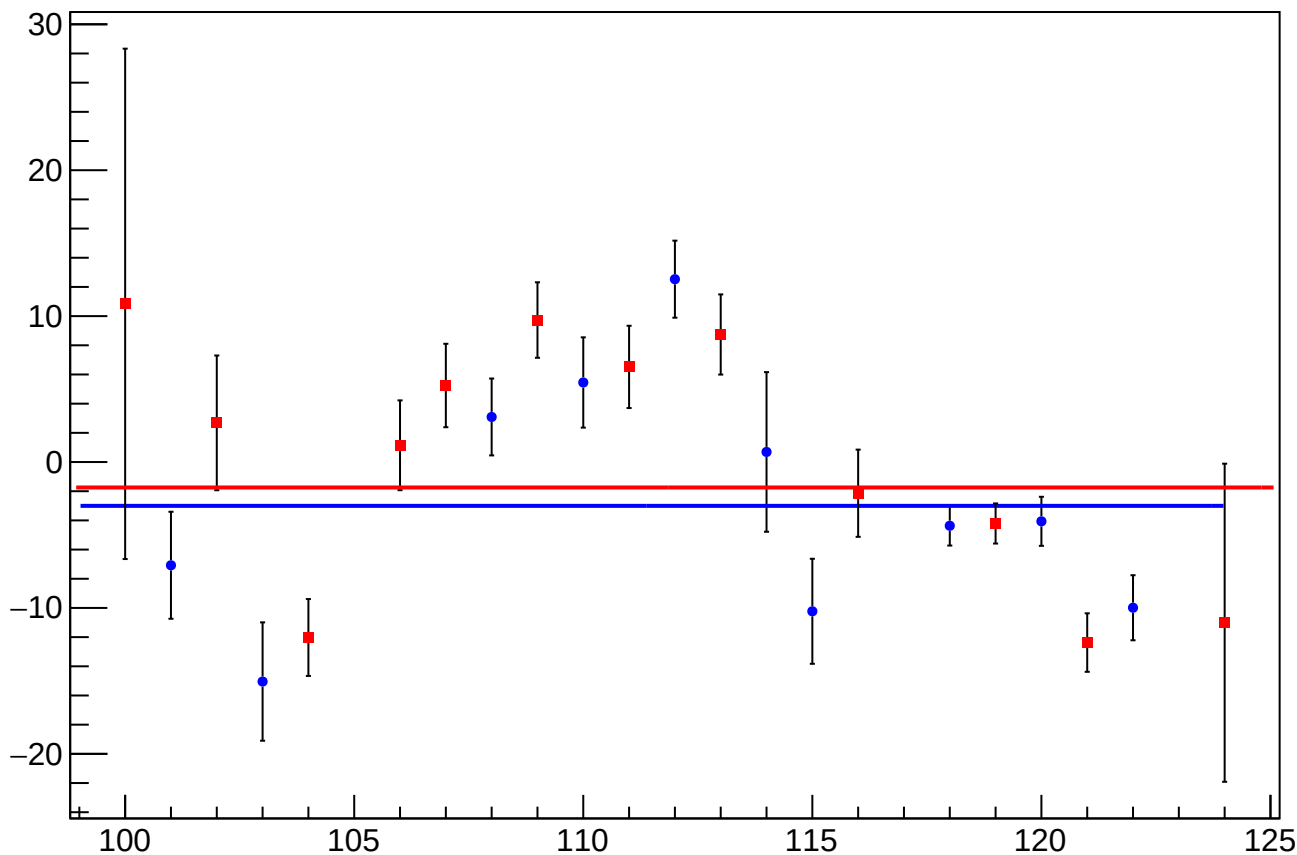
Right: -25.113 $\pm$ 0.514 χ^2 /NDF: 2451.8/21

In: -24.966 $\pm$ 0.775 χ^2 /NDF:1175.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.113 $\pm$ 0.514 χ^2 /NDF: 2451.8/21

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.003 $\pm$ 0.759 χ^2 /NDF: 73.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.744 $\pm$ 0.761 χ^2 /NDF: 98.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

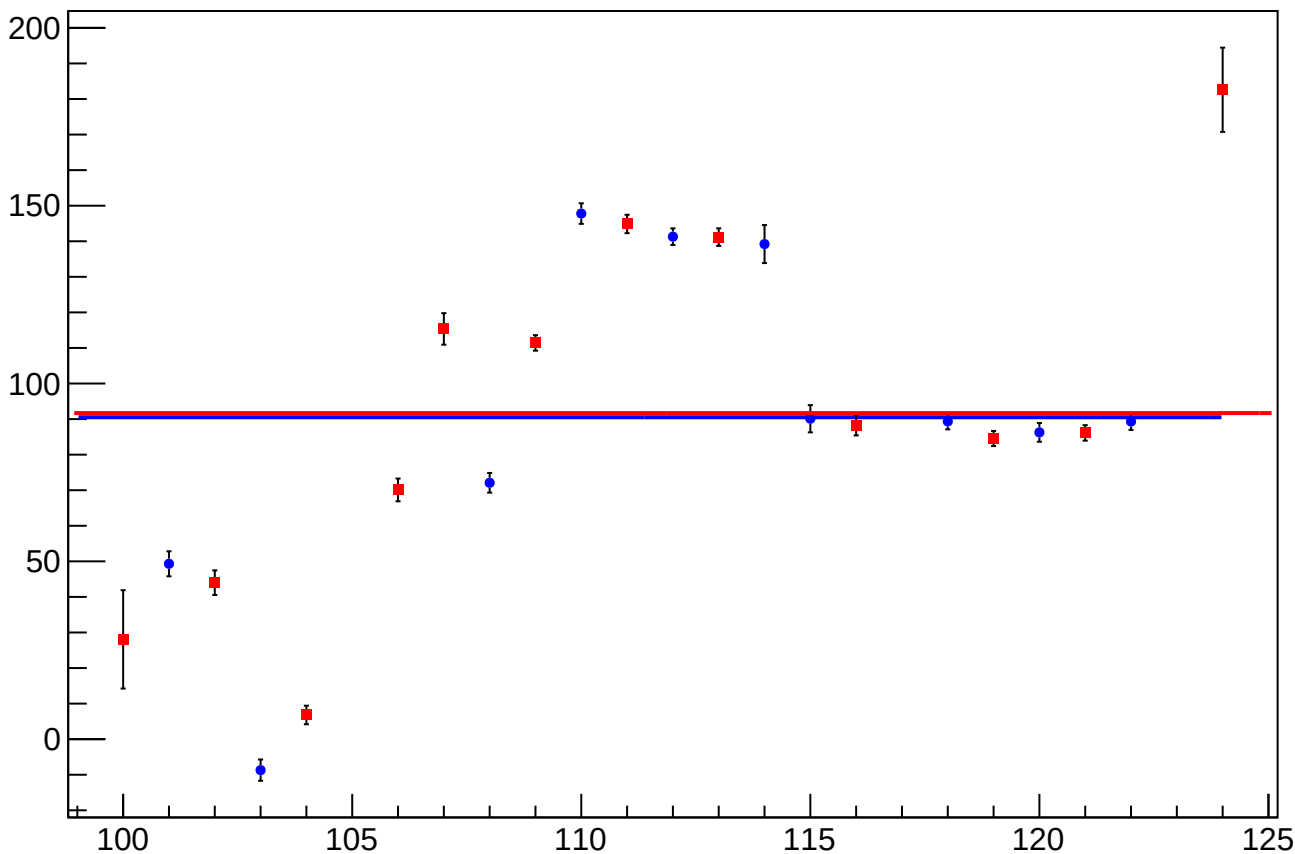
Right: -2.375 $\pm$ 0.537 χ^2 /NDF: 173.0/21

In: -3.003 $\pm$ 0.759 χ^2 /NDF:73.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.375 $\pm$ 0.537 χ^2 /NDF: 173.0/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.513 $\pm$ 0.895 χ^2 /NDF: 2229.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.690 $\pm$ 0.827 χ^2 /NDF: 2324.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

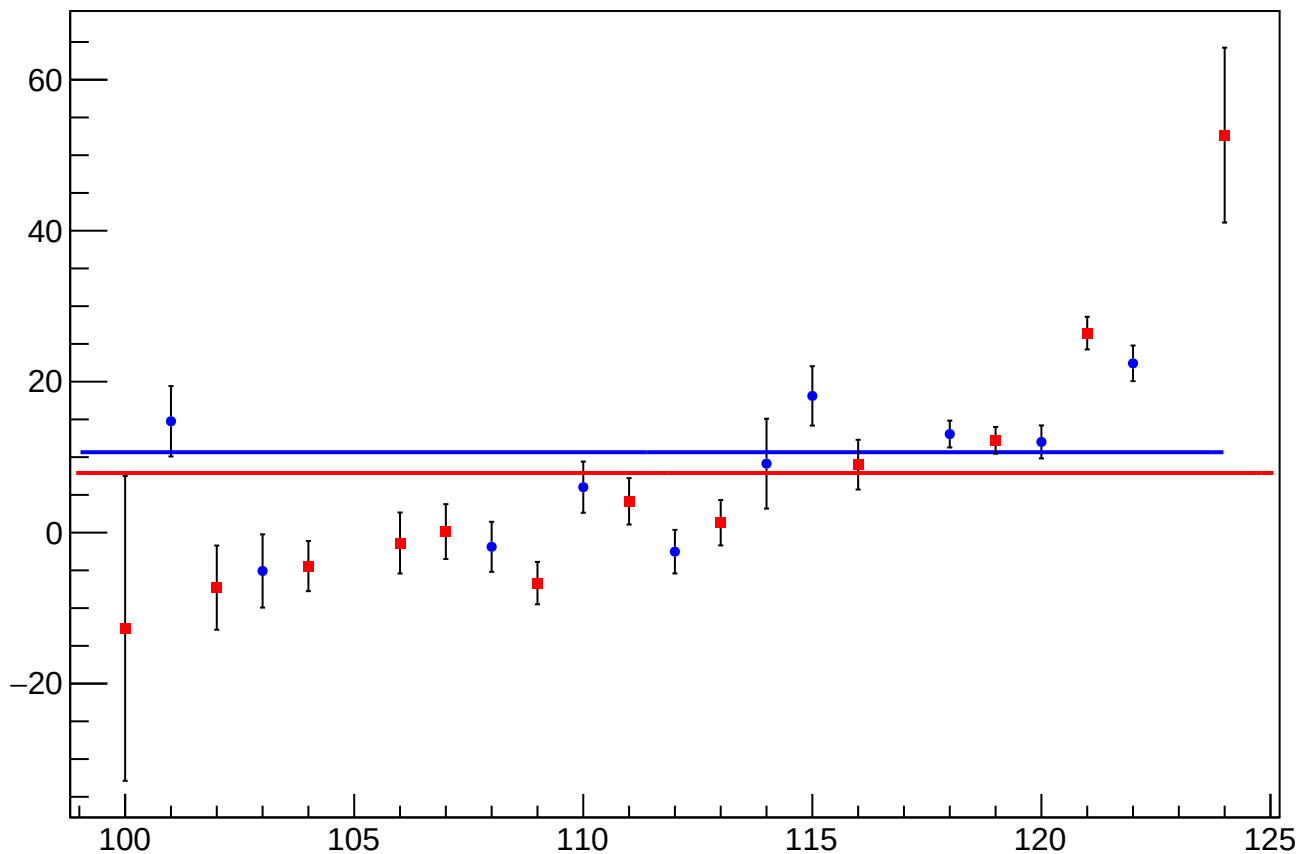
Right: 91.148 $\pm$ 0.607 χ^2 /NDF: 4554.9/21

In: 90.513 $\pm$ 0.895 χ^2 /NDF:2229.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.148 $\pm$ 0.607 χ^2 /NDF: 4554.9/21

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.652 $\pm$ 0.918 χ^2 /NDF: 79.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.904 $\pm$ 0.898 χ^2 /NDF: 159.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

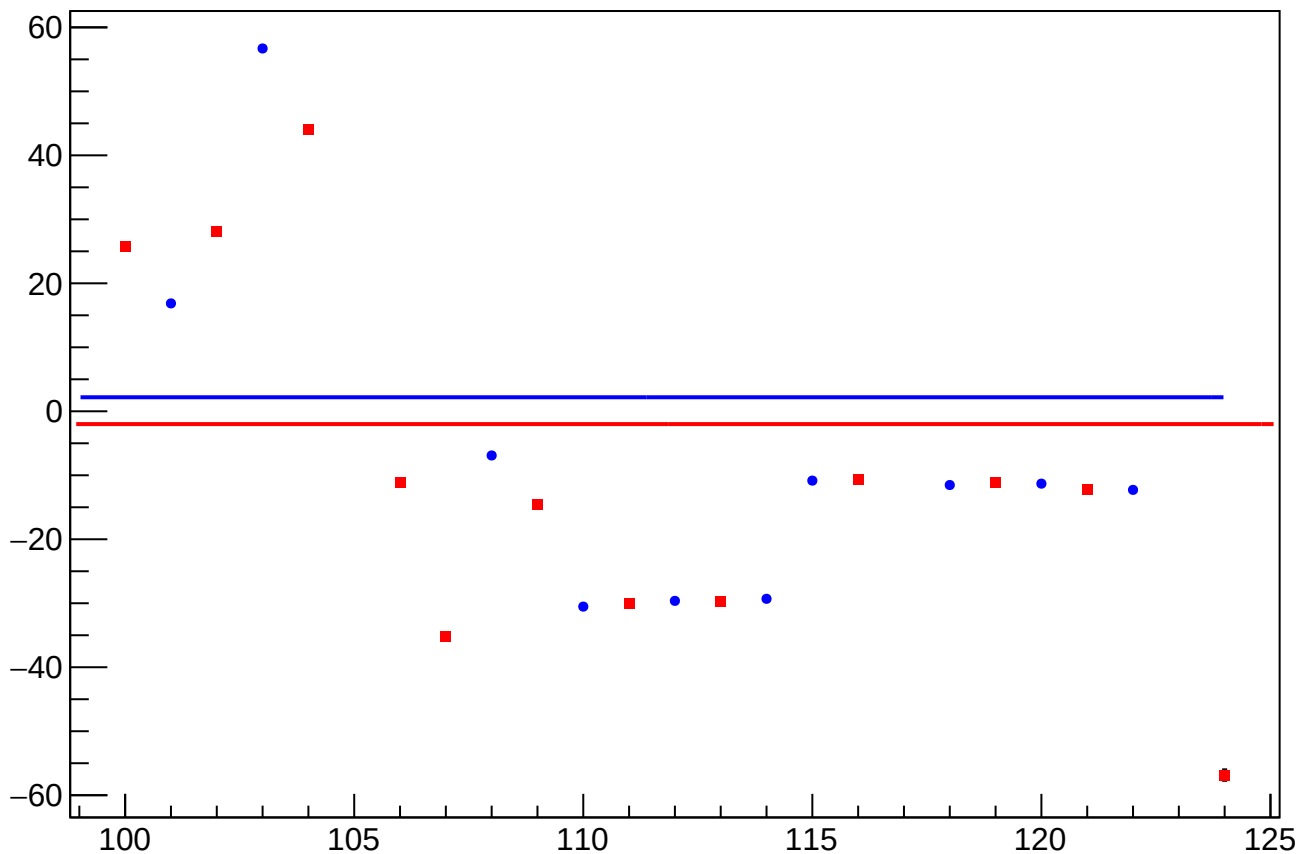
Right: 9.247 $\pm$ 0.642 χ^2 /NDF: 243.6/21

In: 10.652 $\pm$ 0.918 χ^2 /NDF:79.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.247 $\pm$ 0.642 χ^2 /NDF: 243.6/21

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.192+/-0.056 χ^2/NDF : 272745.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.001+/-0.052 χ^2/NDF : 271221.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

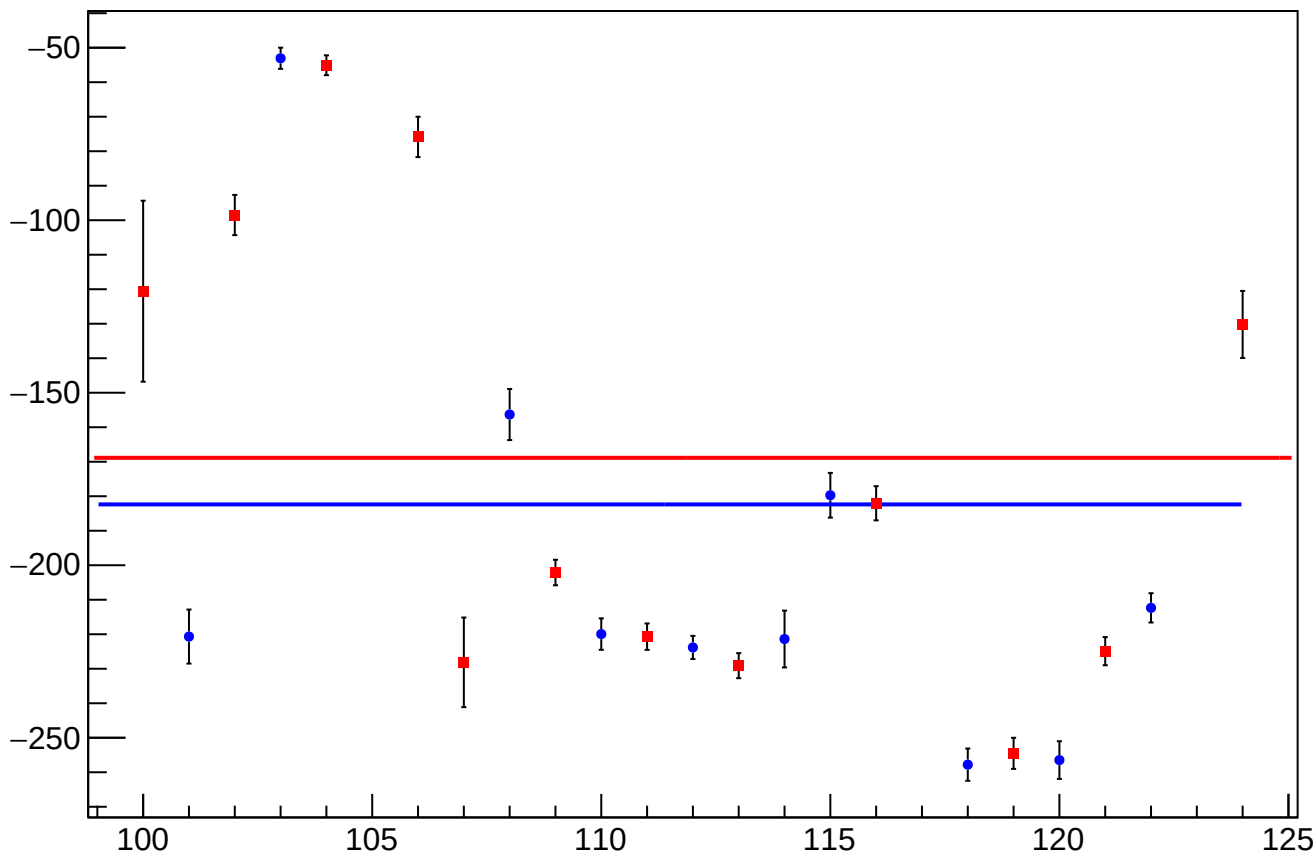
Right: -0.050+/-0.038 χ^2/NDF : 546939.5/21

In: 2.192+/-0.056 χ^2/NDF : 272745.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.050+/-0.038 χ^2/NDF : 546939.5/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -182.371+/-1.489 χ^2/NDF : 2550.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -168.858+/-1.330 χ^2/NDF : 3102.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

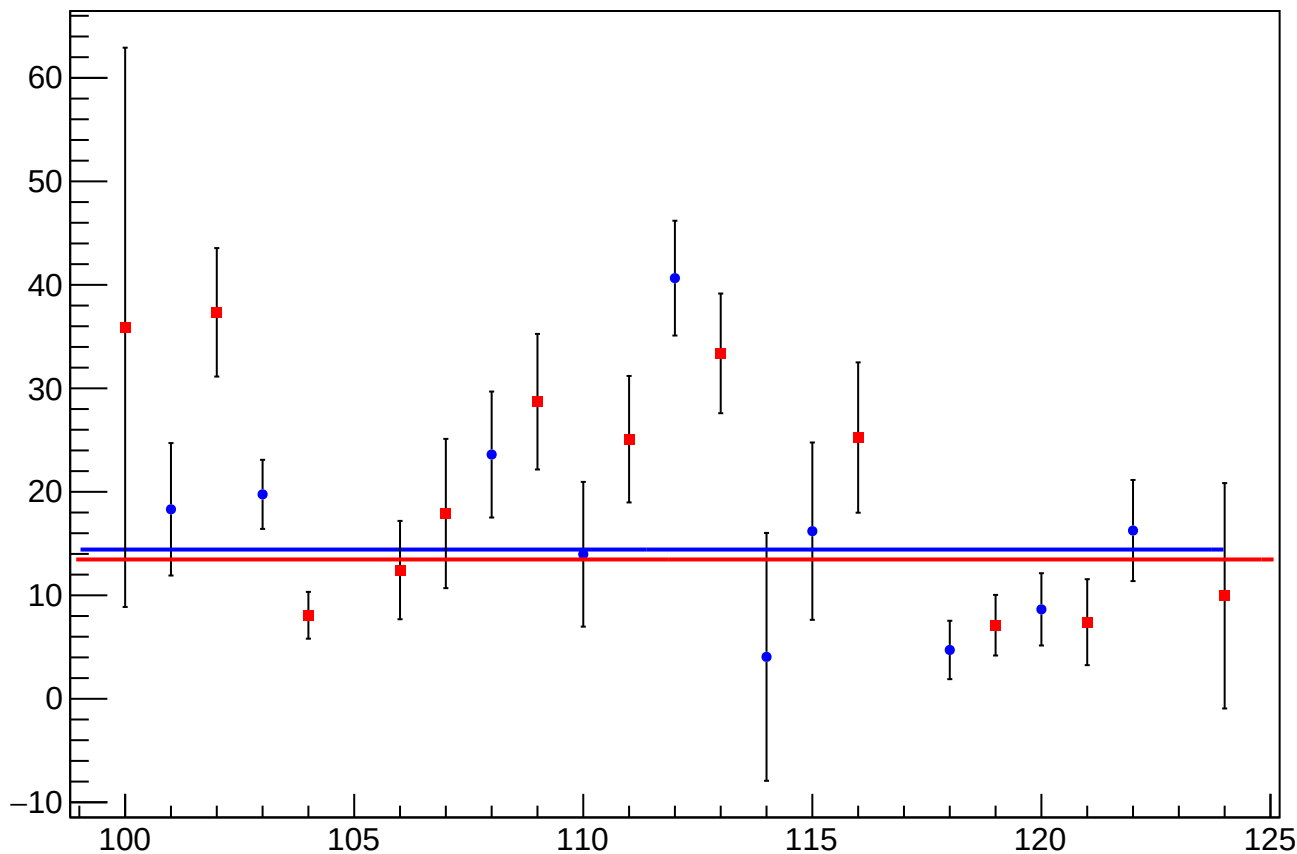
Right: -174.856+/-0.992 χ^2/NDF : 5698.6/21

In: -182.371+/-1.489 χ^2/NDF :2550.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -174.856+/-0.992 χ^2/NDF : 5698.6/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.423+/-1.468 χ^2/NDF : 43.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.464+/-1.327 χ^2/NDF : 52.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

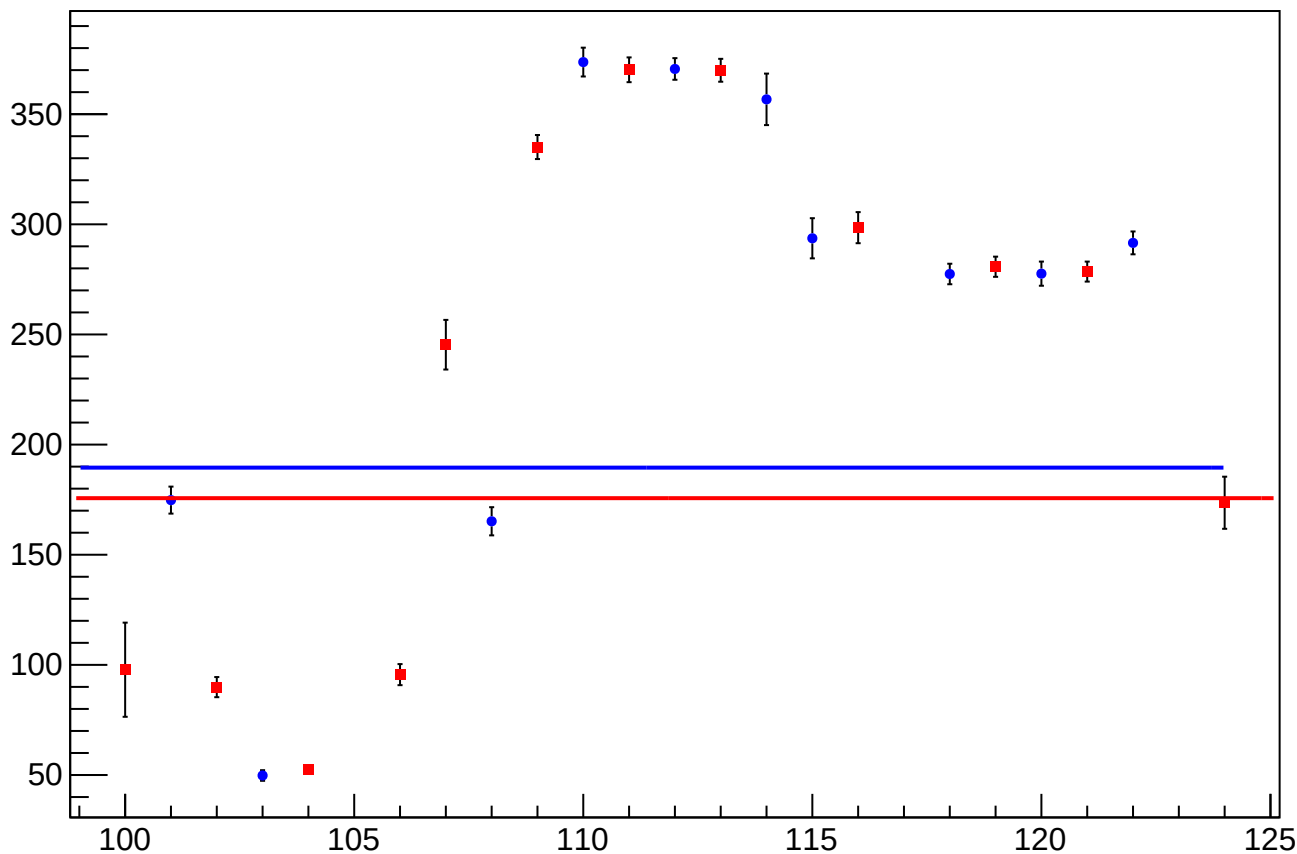
Right: 13.895+/-0.984 χ^2/NDF : 95.4/21

In: 14.423+/-1.468 χ^2/NDF : 43.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.895+/-0.984 χ^2/NDF : 95.4/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 189.544 $\pm$ 1.536 χ^2 /NDF: 6871.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 175.678 $\pm$ 1.384 χ^2 /NDF: 8419.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

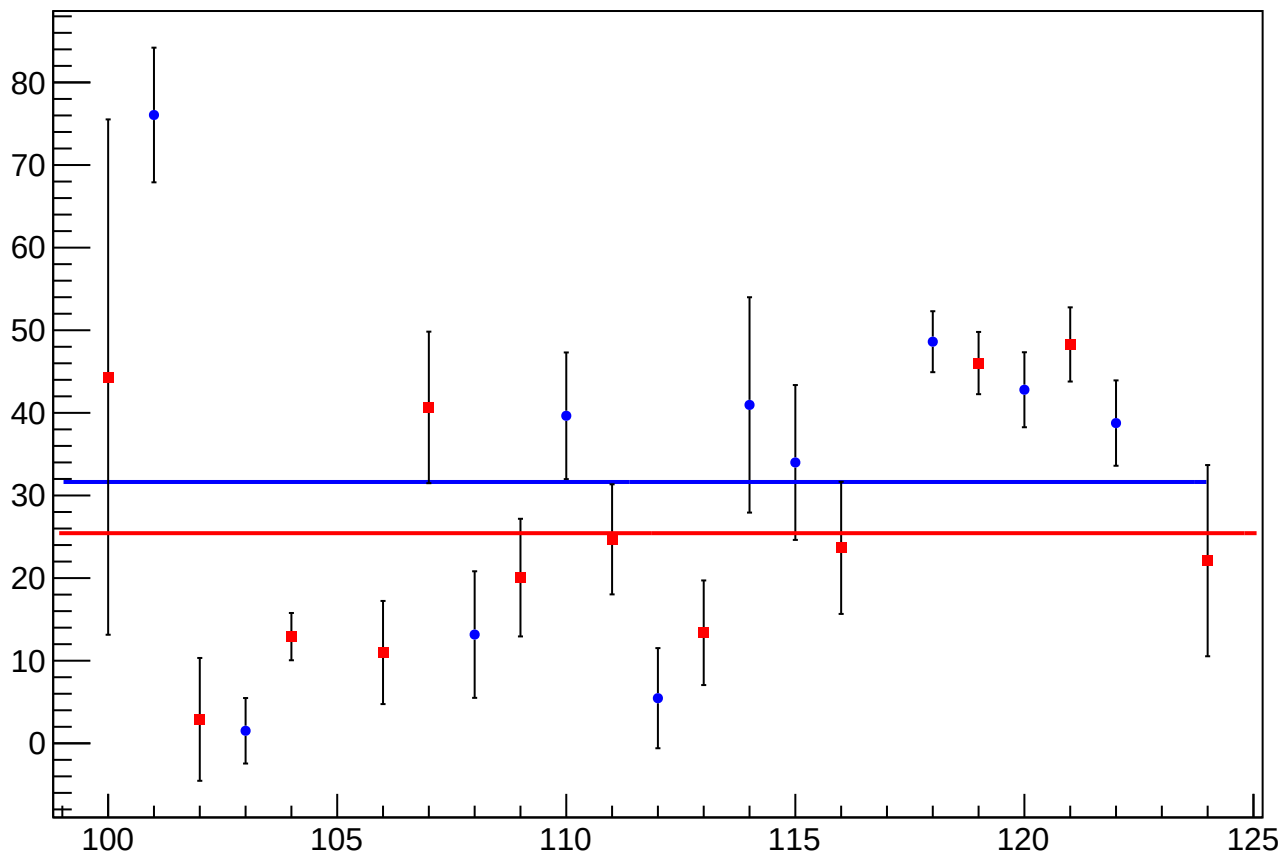
Right: 181.895 $\pm$ 1.028 χ^2 /NDF: 15336.4/21

In: 189.544 $\pm$ 1.536 χ^2 /NDF:6871.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 181.895 $\pm$ 1.028 χ^2 /NDF: 15336.4/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.634+/-1.777 χ^2/NDF : 142.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.437+/-1.603 χ^2/NDF : 96.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

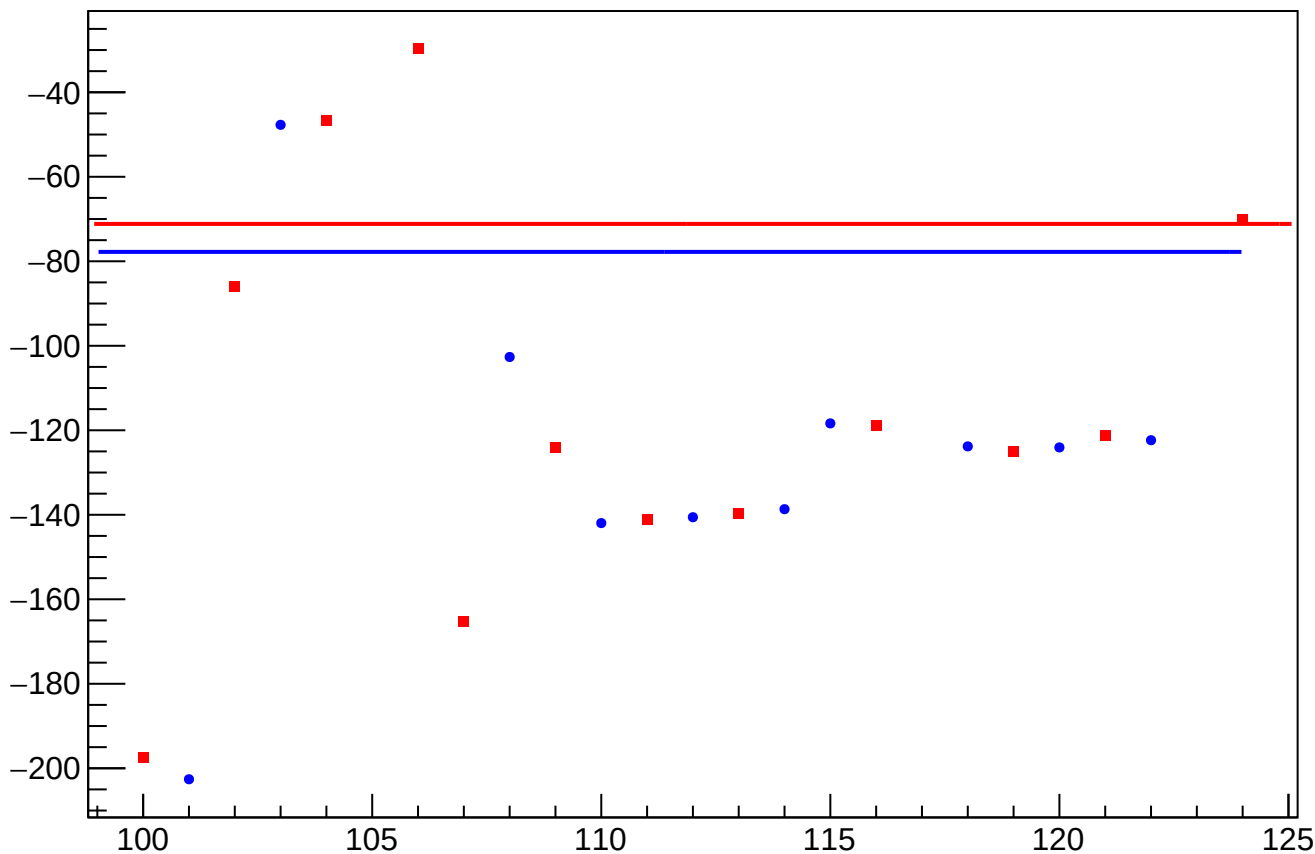
Right: 28.217+/-1.190 χ^2/NDF : 246.3/21

In: 31.634+/-1.777 χ^2/NDF : 142.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.217+/-1.190 χ^2/NDF : 246.3/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -77.775+/-0.081 χ^2/NDF : 304947.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -71.155+/-0.075 χ^2/NDF : 275495.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

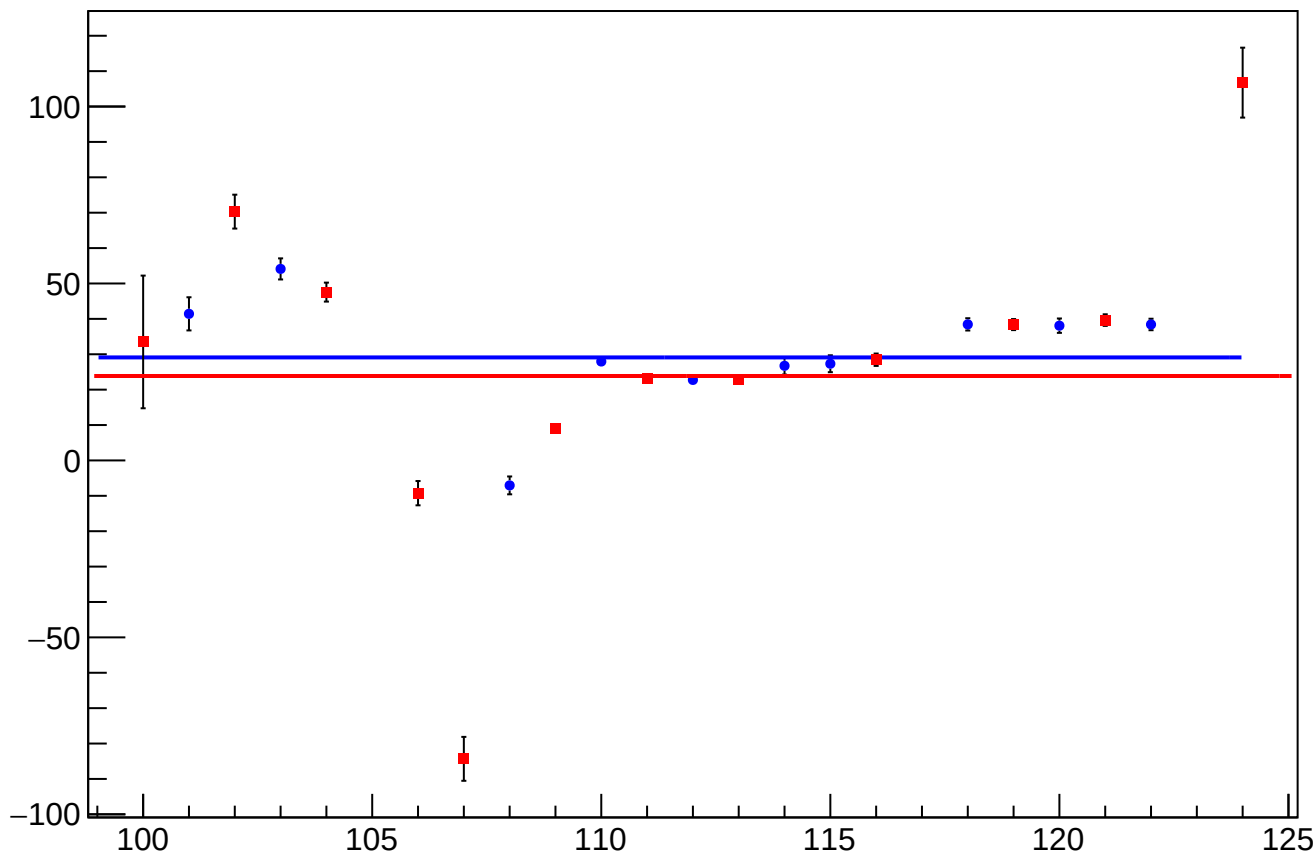
Right: -74.223+/-0.055 χ^2/NDF : 584070.4/21

In: -77.775+/-0.081 χ^2/NDF :304947.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -74.223+/-0.055 χ^2/NDF : 584070.4/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 29.107+/-0.578 χ^2/NDF : 399.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.857+/-0.522 χ^2/NDF : 1017.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

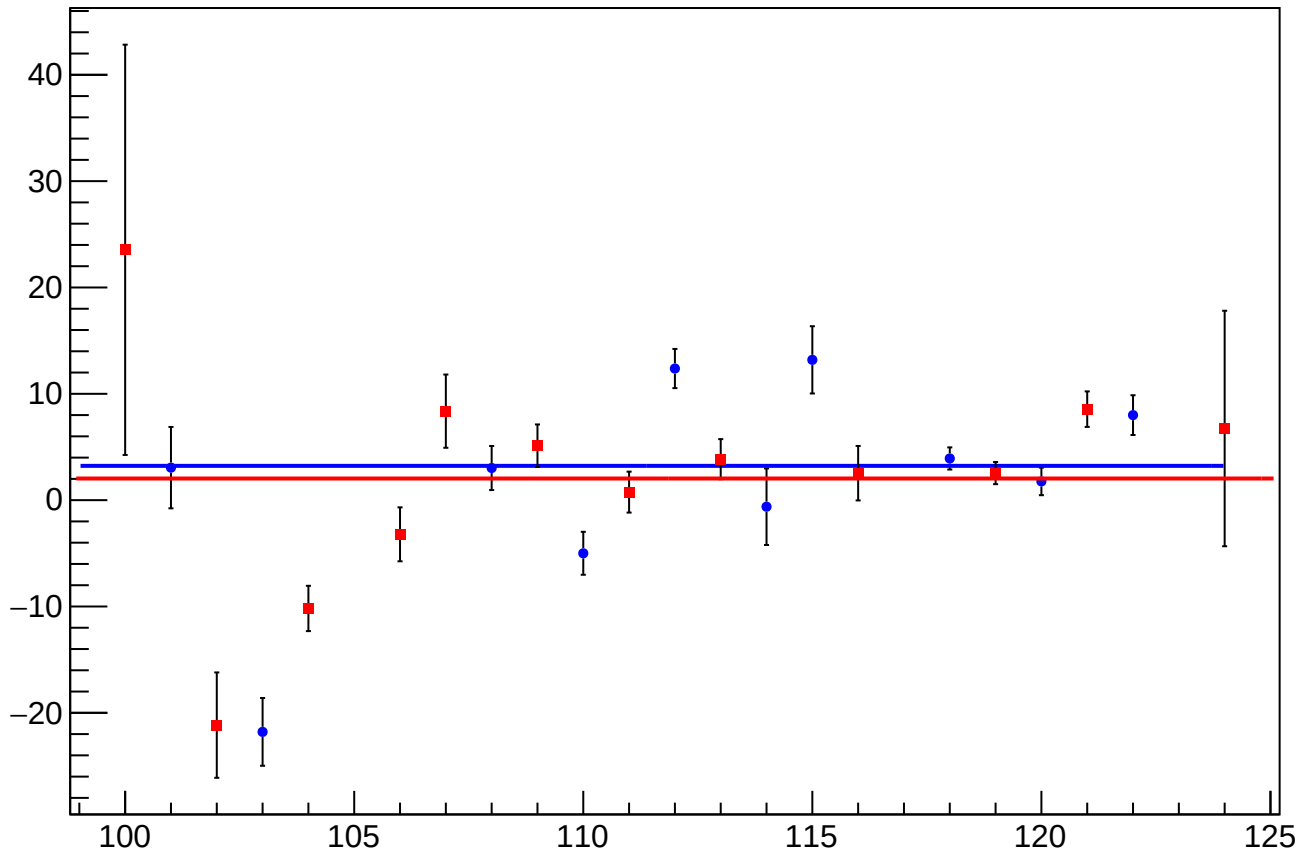
Right: 26.213+/-0.387 χ^2/NDF : 1461.8/21

In: 29.107+/-0.578 χ^2/NDF : 399.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.213+/-0.387 χ^2/NDF : 1461.8/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.226+/-0.585 χ^2/NDF : 122.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.036+/-0.603 χ^2/NDF : 83.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

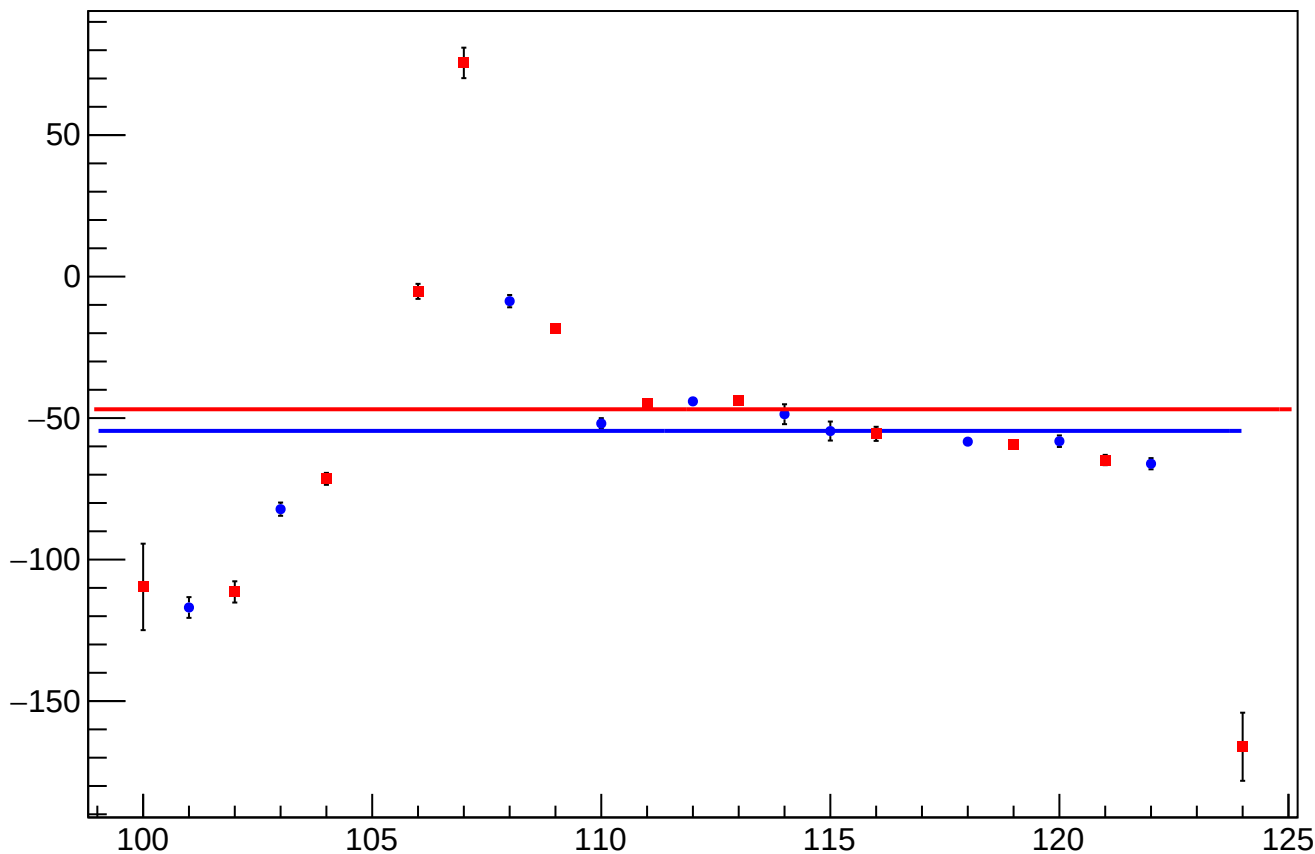
Right: 2.649+/-0.420 χ^2/NDF : 207.4/21

In: 3.226+/-0.585 χ^2/NDF : 122.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.649+/-0.420 χ^2/NDF : 207.4/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.522 ± 0.686 χ^2/NDF : 961.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.886 ± 0.648 χ^2/NDF : 1797.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

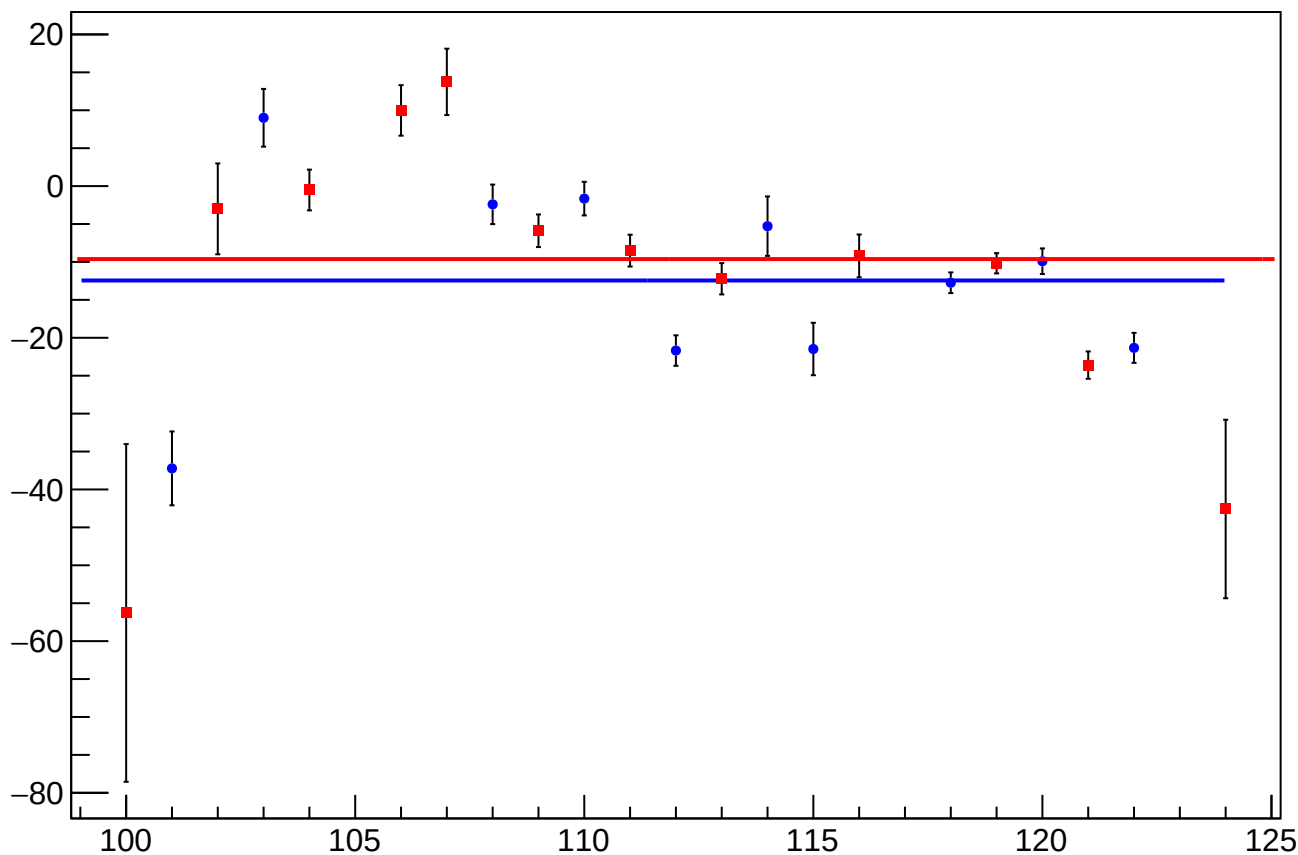
Right: -50.486 ± 0.471 χ^2/NDF : 2824.4/21

In: -54.522 ± 0.686 χ^2/NDF : 961.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.486 ± 0.471 χ^2/NDF : 2824.4/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.444 $\pm$ 0.706 χ^2 /NDF: 150.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.623 $\pm$ 0.709 χ^2 /NDF: 153.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

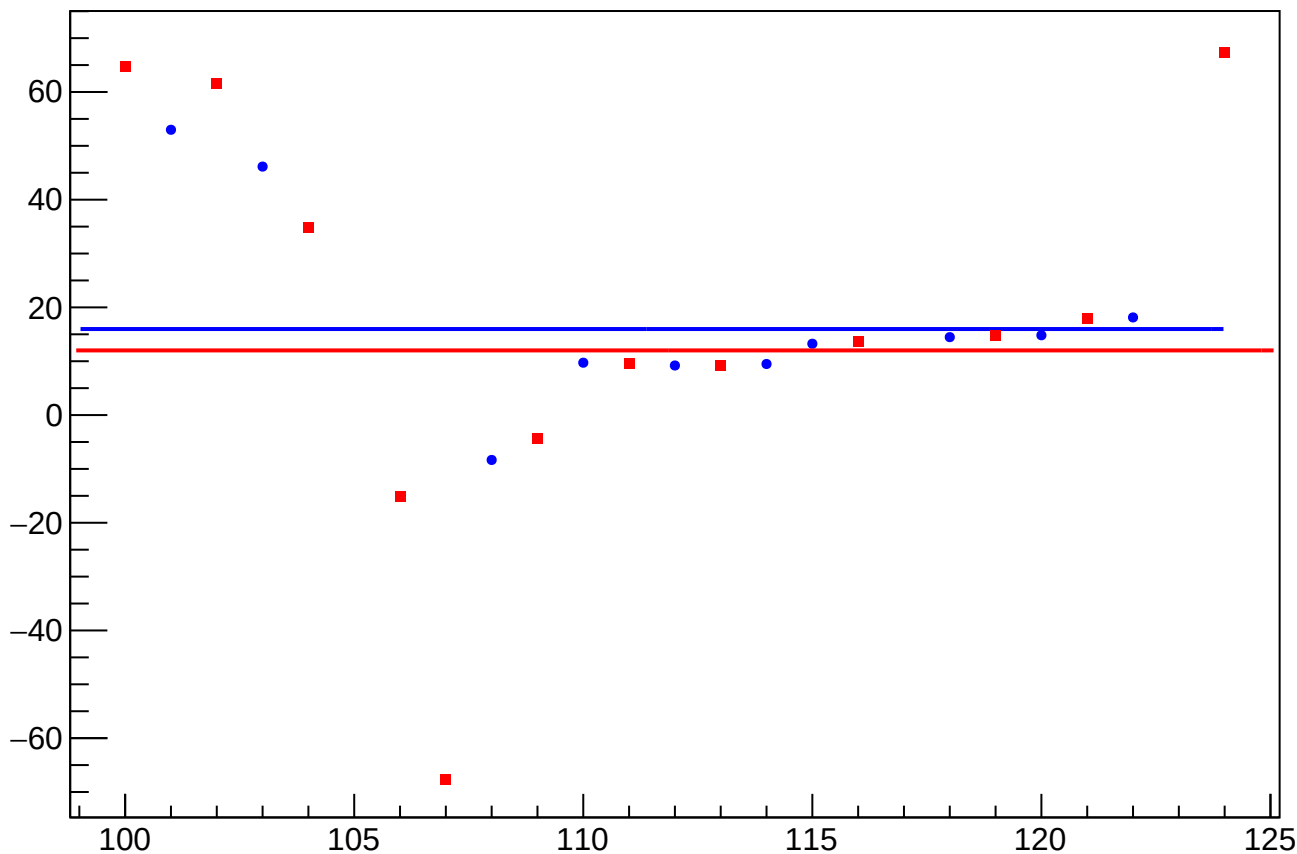
Right: -11.038 $\pm$ 0.500 χ^2 /NDF: 311.3/21

In: -12.444 $\pm$ 0.706 χ^2 /NDF:150.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.038 $\pm$ 0.500 χ^2 /NDF: 311.3/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.979+/-0.044 χ^2/NDF : 204454.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.007+/-0.043 χ^2/NDF : 348571.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

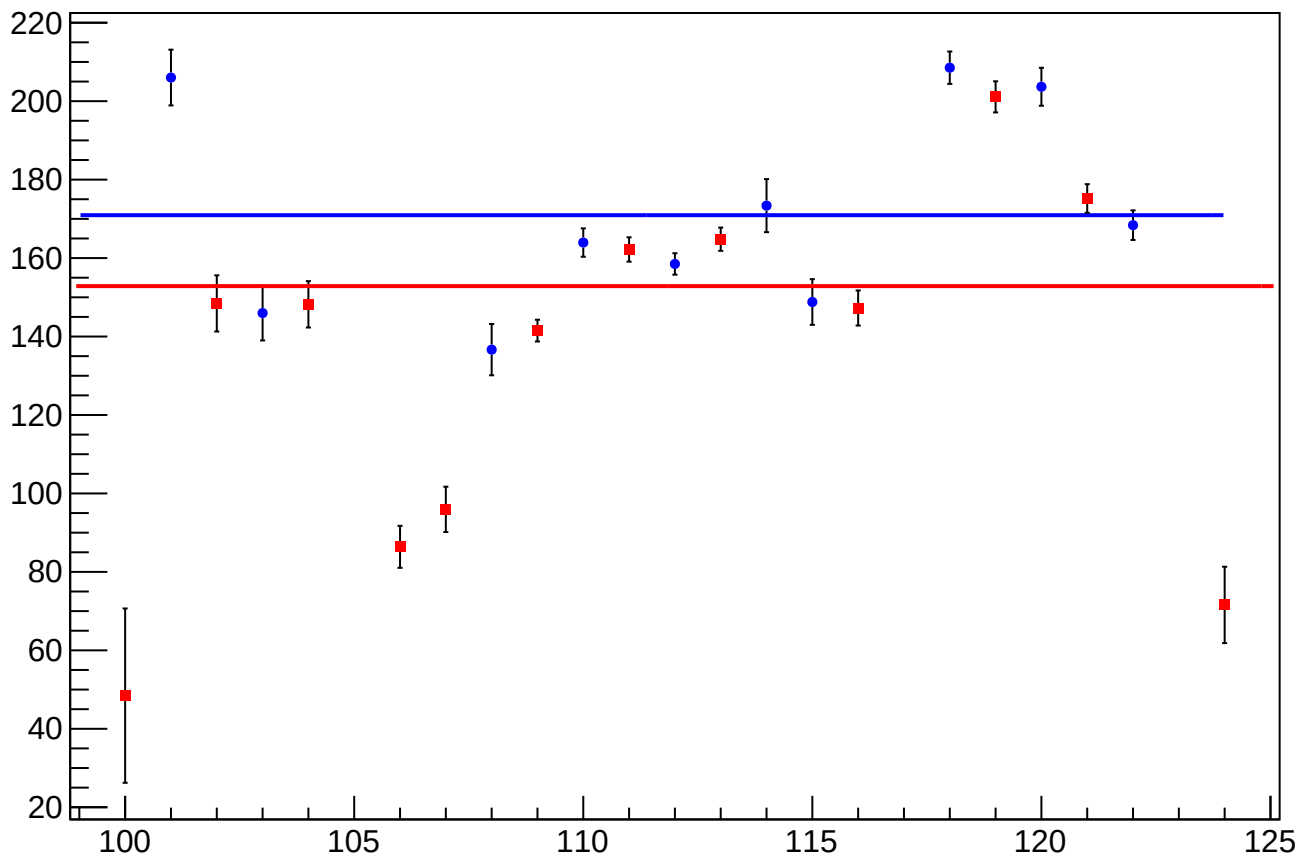
Right: 13.969+/-0.031 χ^2/NDF : 557192.1/21

In: 15.979+/-0.044 χ^2/NDF : 204454.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.969+/-0.031 χ^2/NDF : 557192.1/21

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.939+/-1.418 χ^2/NDF : 232.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.852+/-1.229 χ^2/NDF : 573.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

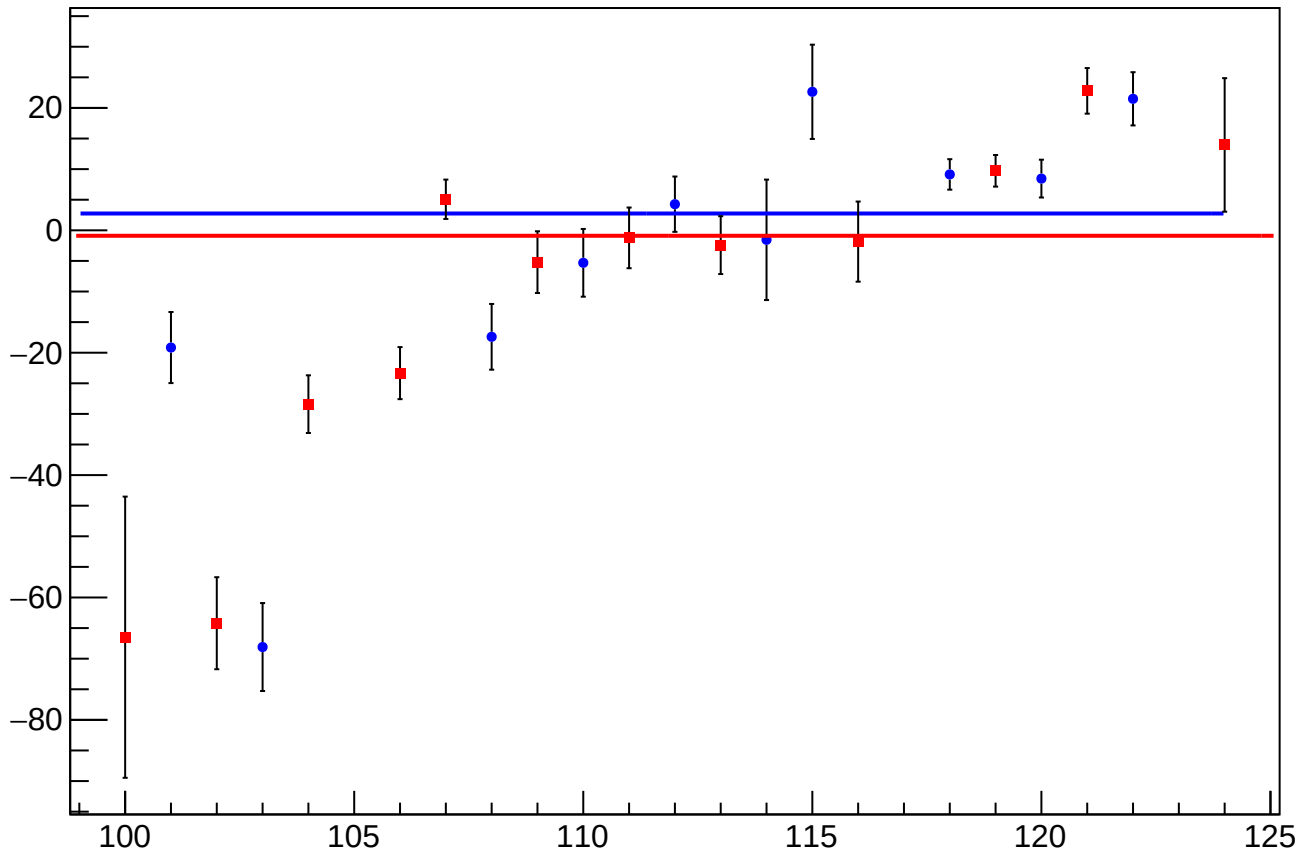
Right: 160.610+/-0.929 χ^2/NDF : 898.6/21

In: 170.939+/-1.418 χ^2/NDF : 232.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.610+/-0.929 χ^2/NDF : 898.6/21

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.891+/-1.297 χ^2/NDF : 204.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

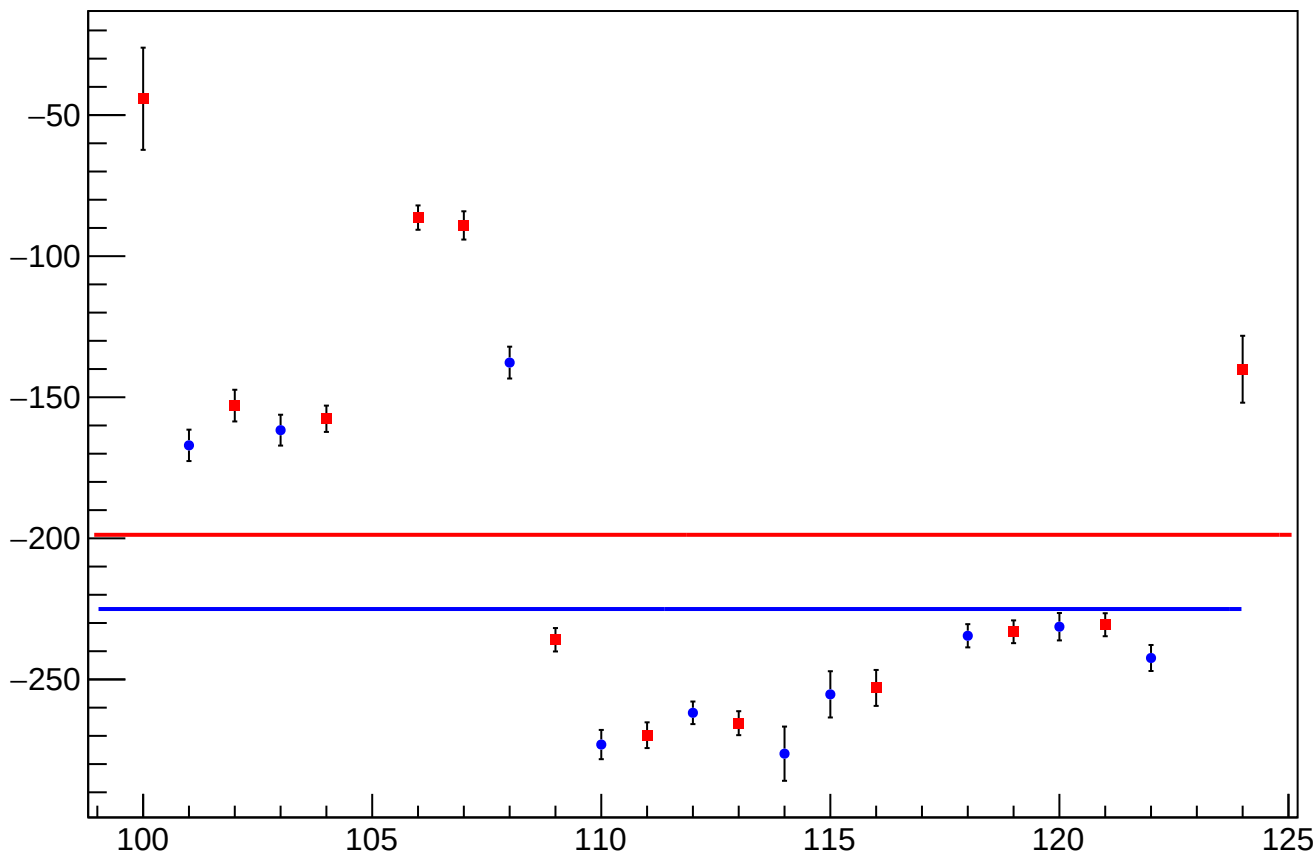
Right: 0.792+/-0.951 χ^2/NDF : 371.1/21

In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.792+/-0.951 χ^2/NDF : 371.1/21

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -225.048+/-1.641 χ^2 /NDF: 716.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -198.748+/-1.430 χ^2 /NDF: 2175.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

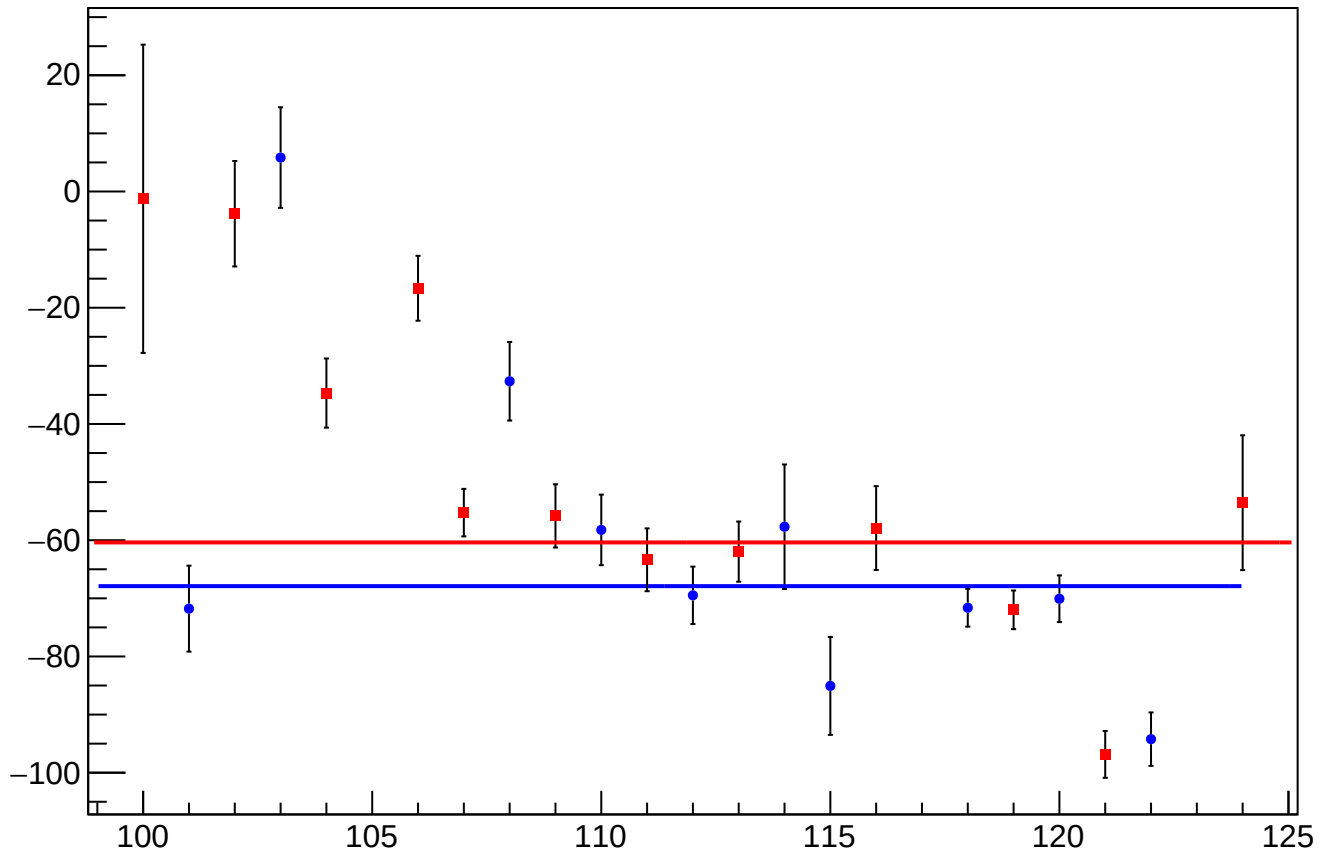
Right: -210.093+/-1.078 χ^2 /NDF: 3037.4/21

In: -225.048+/-1.641 χ^2 /NDF:716.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -210.093+/-1.078 χ^2 /NDF: 3037.4/21

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.902 $\pm$ 1.695 χ^2 /NDF: 142.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.381 $\pm$ 1.547 χ^2 /NDF: 221.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

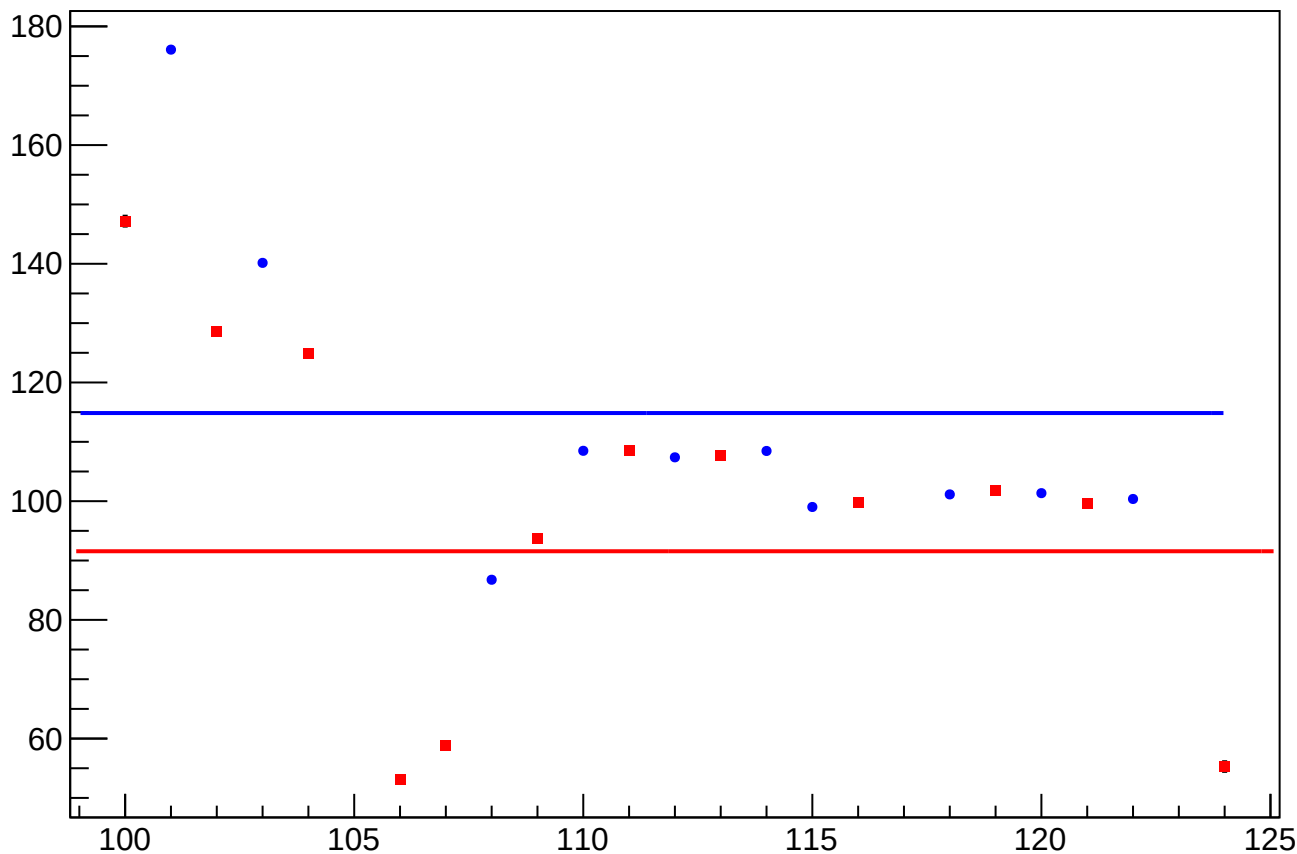
Right: -63.798 $\pm$ 1.143 χ^2 /NDF: 374.0/21

In: -67.902 $\pm$ 1.695 χ^2 /NDF:142.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.798 $\pm$ 1.143 χ^2 /NDF: 374.0/21

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.563+/-0.084 χ^2/NDF : 121960.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

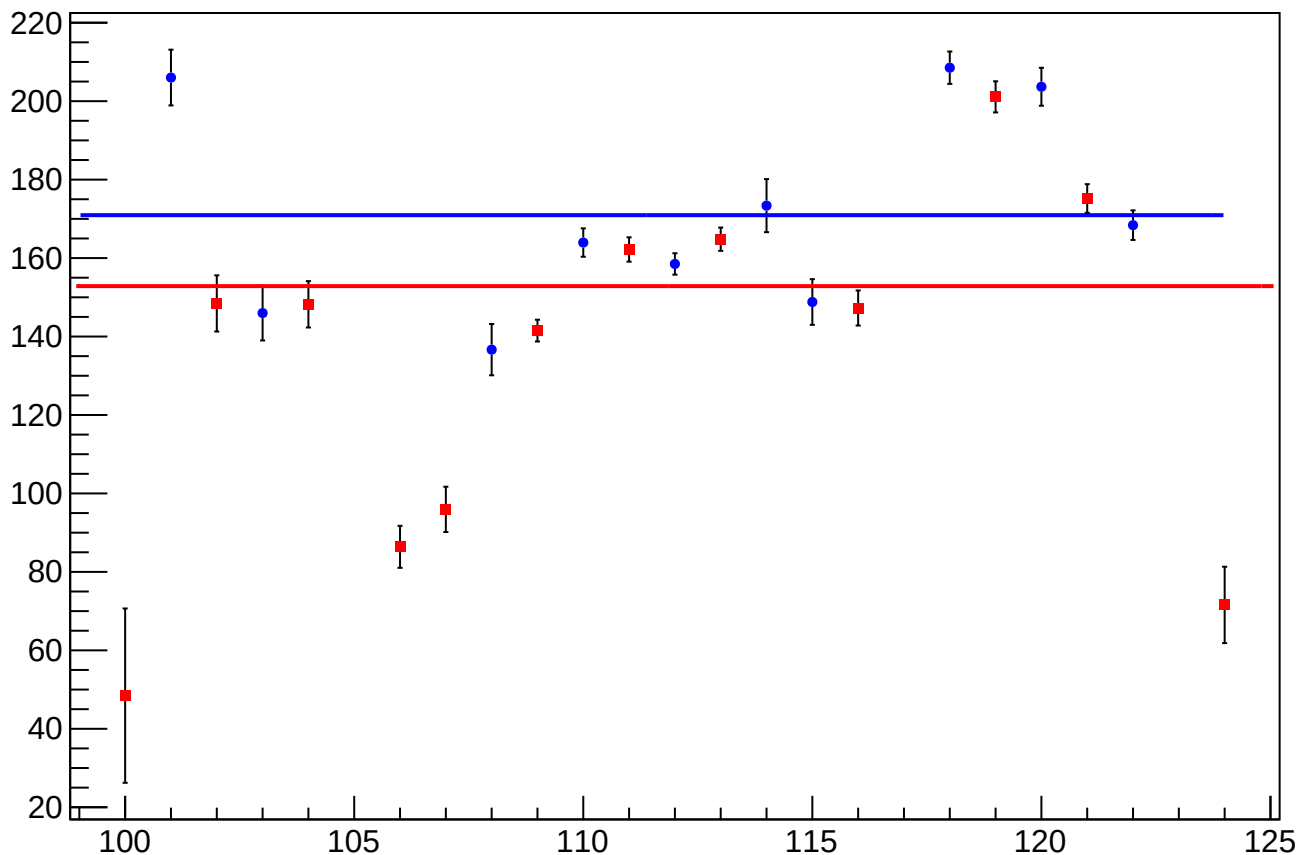
Right: 100.699+/-0.066 χ^2/NDF : 219073.1/21

In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.699+/-0.066 χ^2/NDF : 219073.1/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.939 $\pm$ 1.418 χ^2 /NDF: 232.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 152.852 $\pm$ 1.229 χ^2 /NDF: 573.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

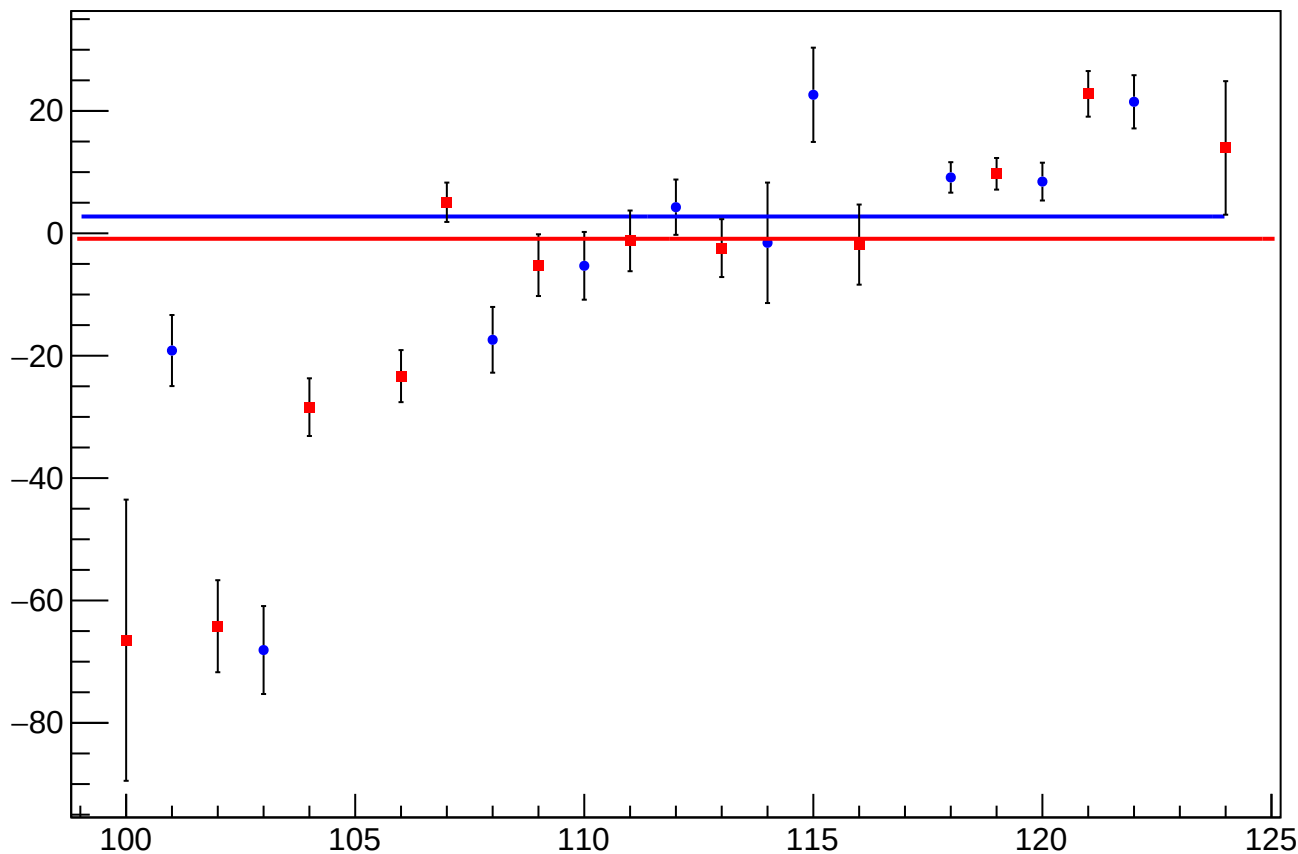
Right: 160.610 $\pm$ 0.929 χ^2 /NDF: 898.6/21

In: 170.939 $\pm$ 1.418 χ^2 /NDF:232.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 160.610 $\pm$ 0.929 χ^2 /NDF: 898.6/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.891+/-1.297 χ^2/NDF : 204.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

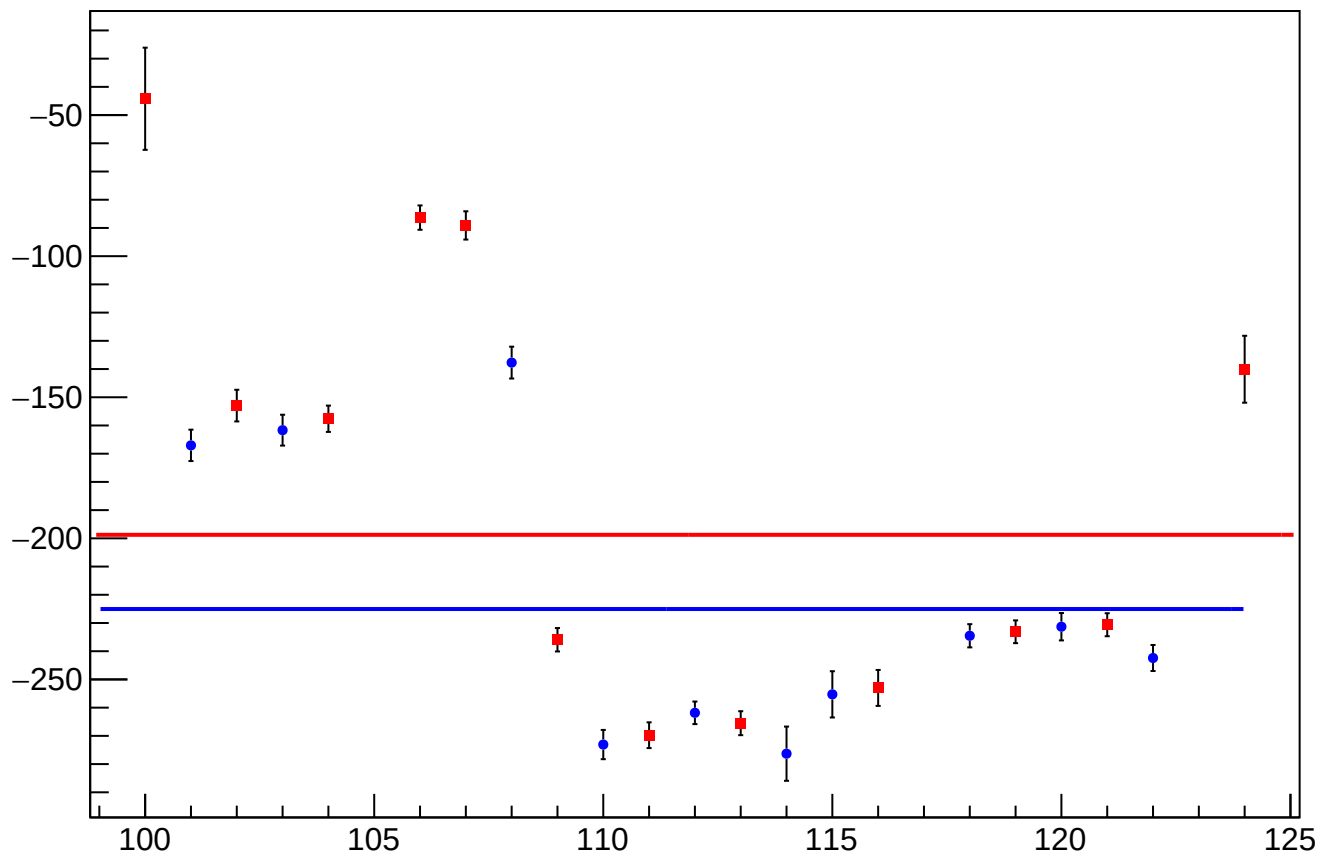
Right: 0.792+/-0.951 χ^2/NDF : 371.1/21

In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.792+/-0.951 χ^2/NDF : 371.1/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -225.048+/-1.641 χ^2 /NDF: 716.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -198.748+/-1.430 χ^2 /NDF: 2175.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

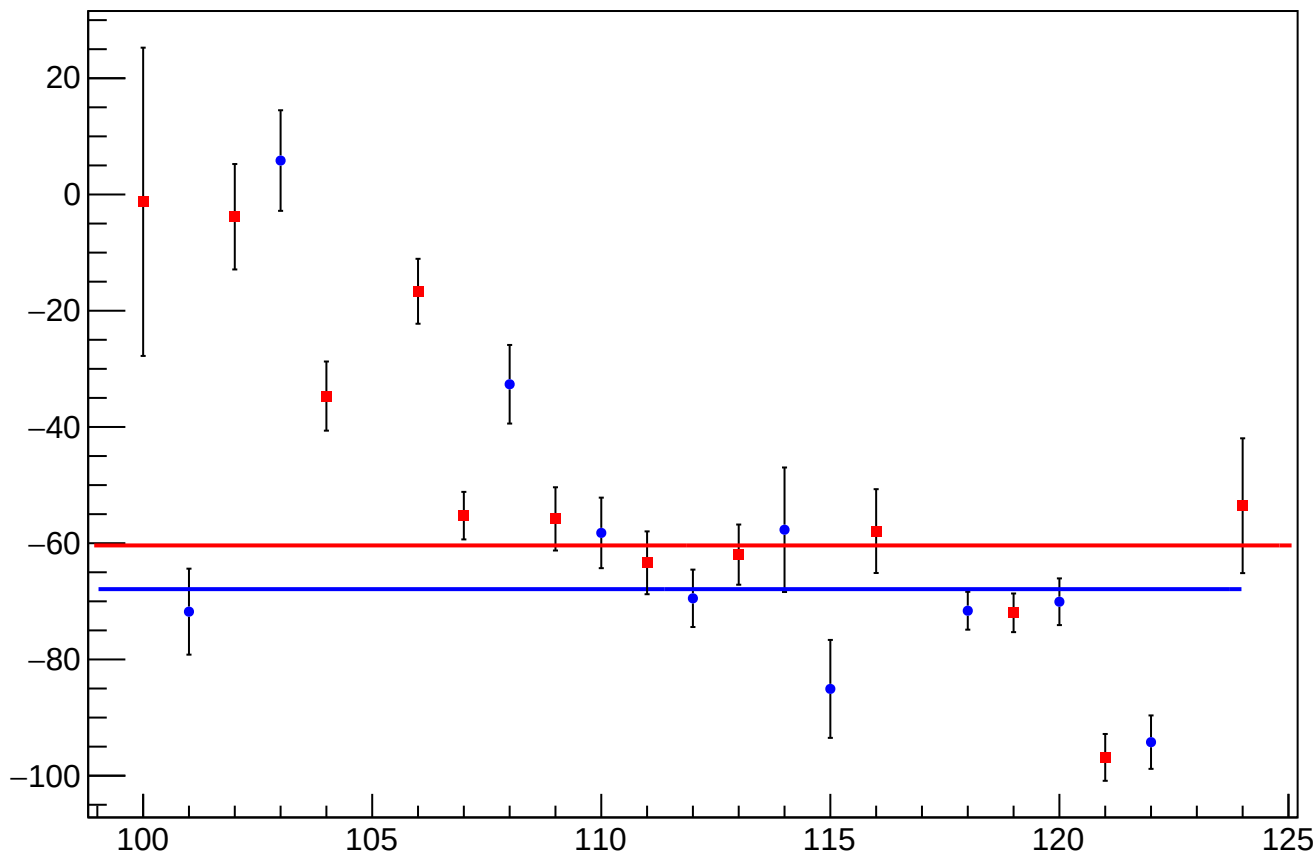
Right: -210.093+/-1.078 χ^2 /NDF: 3037.4/21

In: -225.048+/-1.641 χ^2 /NDF:716.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -210.093+/-1.078 χ^2 /NDF: 3037.4/21

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.902 ± 1.695 $\chi^2/\text{NDF}: 142.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -60.381 ± 1.547 $\chi^2/\text{NDF}: 221.1/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

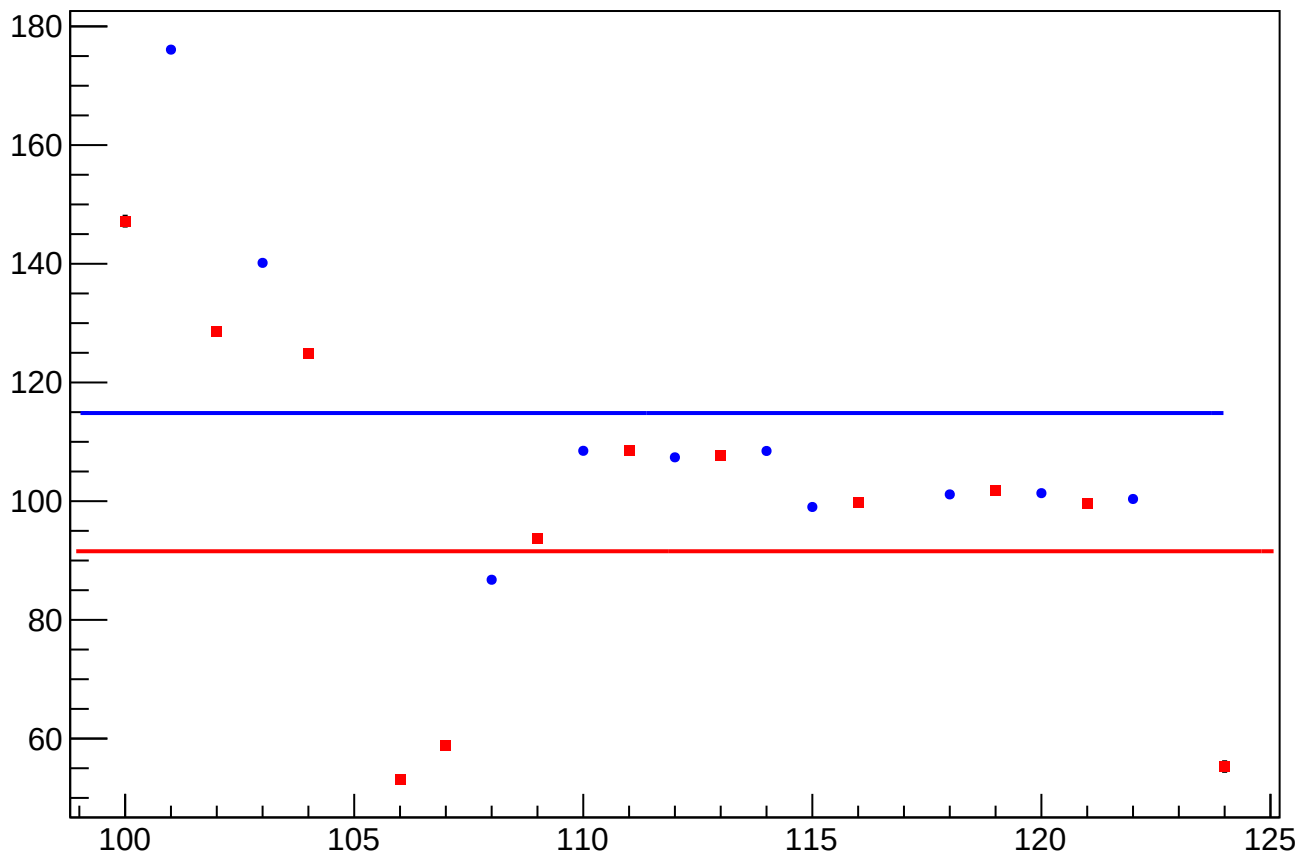
Right: -63.798 ± 1.143 $\chi^2/\text{NDF}: 374.0/21$

In: -67.902 ± 1.695 $\chi^2/\text{NDF}: 142.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -63.798 ± 1.143 $\chi^2/\text{NDF}: 374.0/21$

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.563+/-0.084 χ^2/NDF : 121960.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

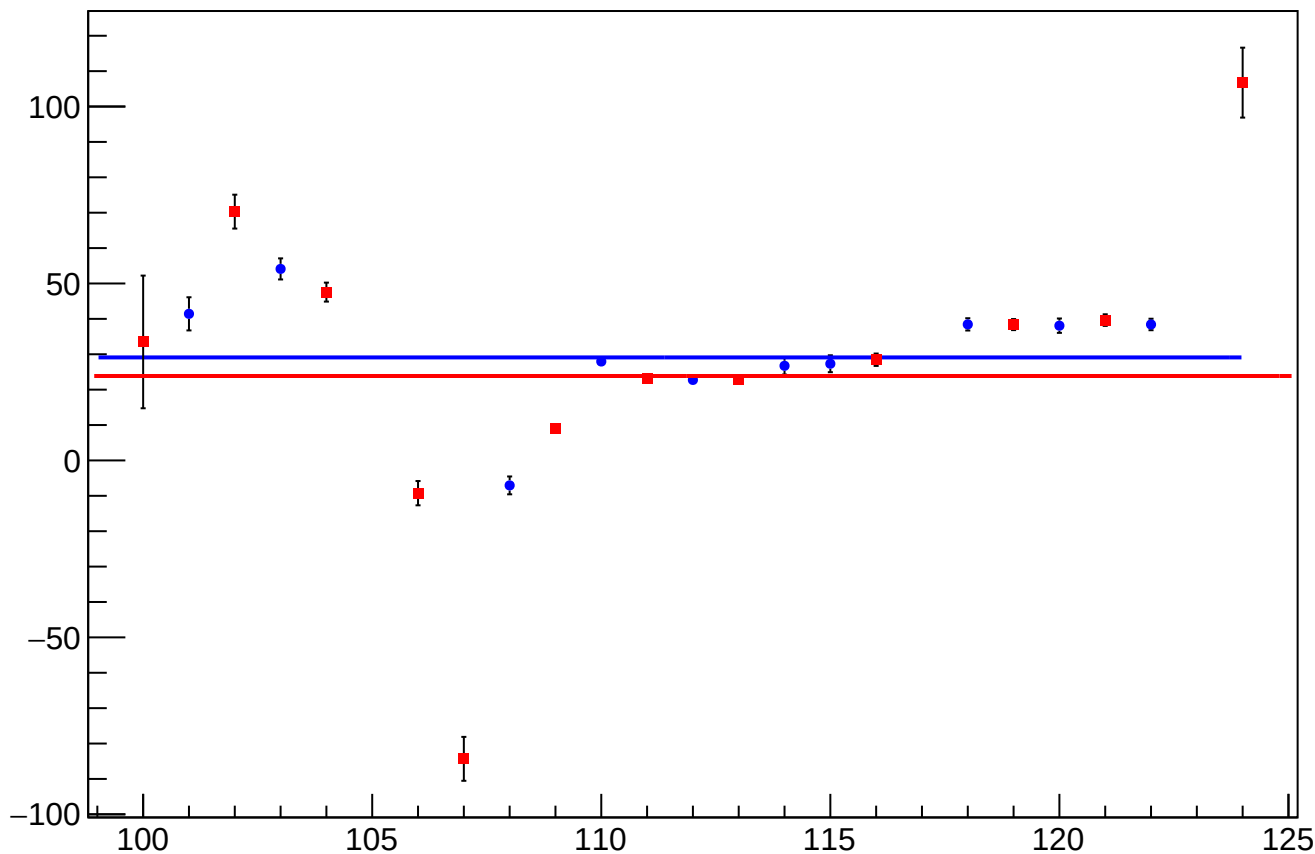
Right: 100.699+/-0.066 χ^2/NDF : 219073.1/21

In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.699+/-0.066 χ^2/NDF : 219073.1/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 29.107 $\pm$ 0.578 χ^2 /NDF: 399.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.857 $\pm$ 0.522 χ^2 /NDF: 1017.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

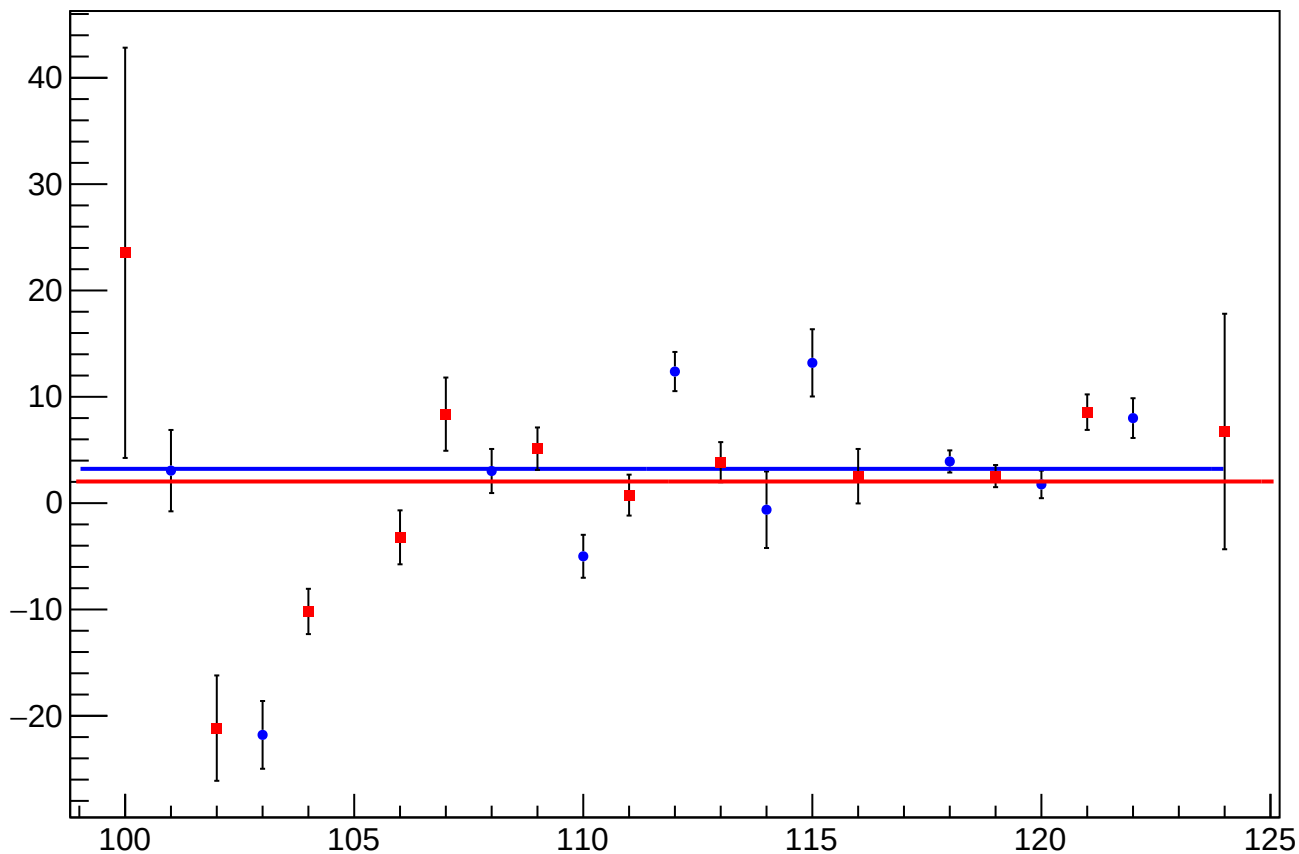
Right: 26.213 $\pm$ 0.387 χ^2 /NDF: 1461.8/21

In: 29.107 $\pm$ 0.578 χ^2 /NDF:399.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.213 $\pm$ 0.387 χ^2 /NDF: 1461.8/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.226+/-0.585 χ^2/NDF : 122.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.036+/-0.603 χ^2/NDF : 83.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

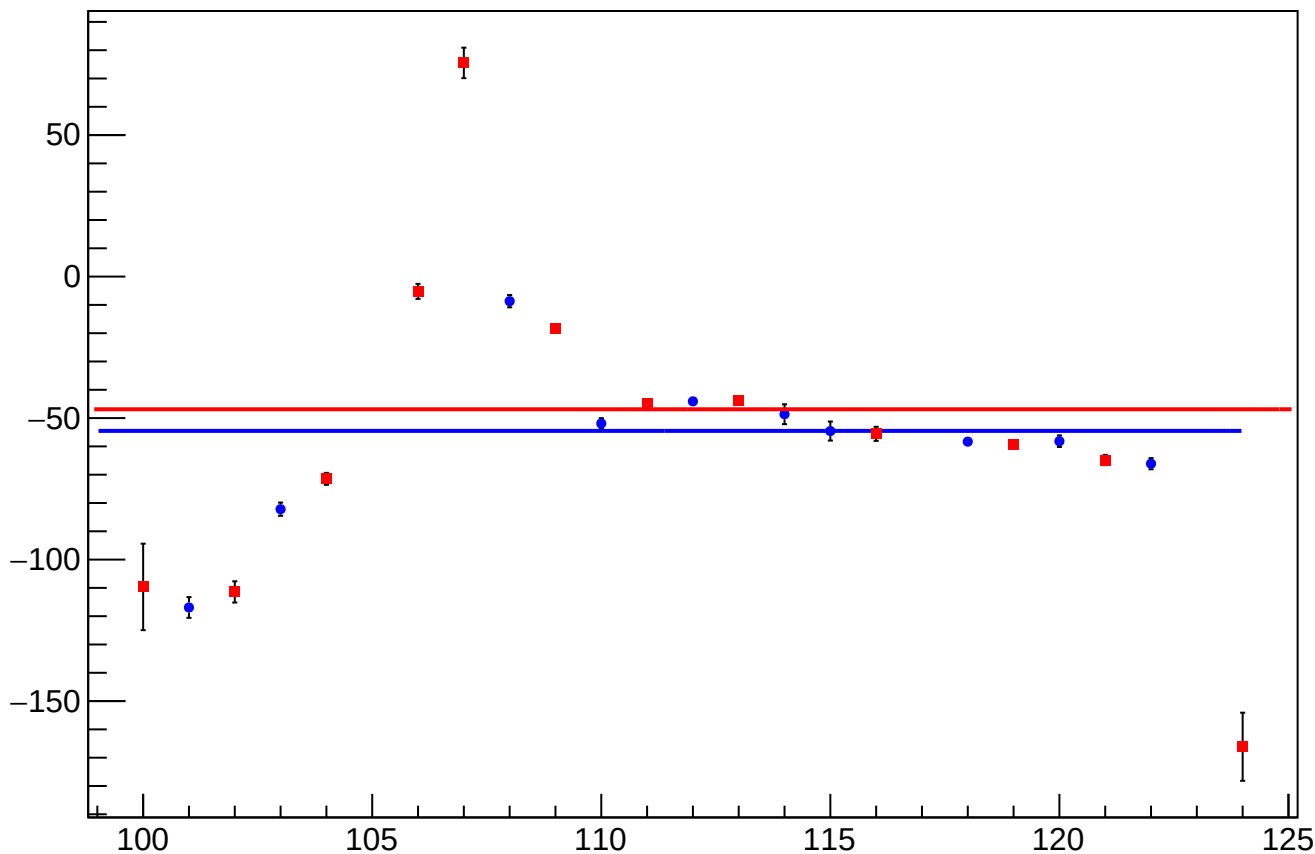
Right: 2.649+/-0.420 χ^2/NDF : 207.4/21

In: 3.226+/-0.585 χ^2/NDF : 122.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.649+/-0.420 χ^2/NDF : 207.4/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.522 $\pm$ 0.686 χ^2 /NDF: 961.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -46.886 $\pm$ 0.648 χ^2 /NDF: 1797.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

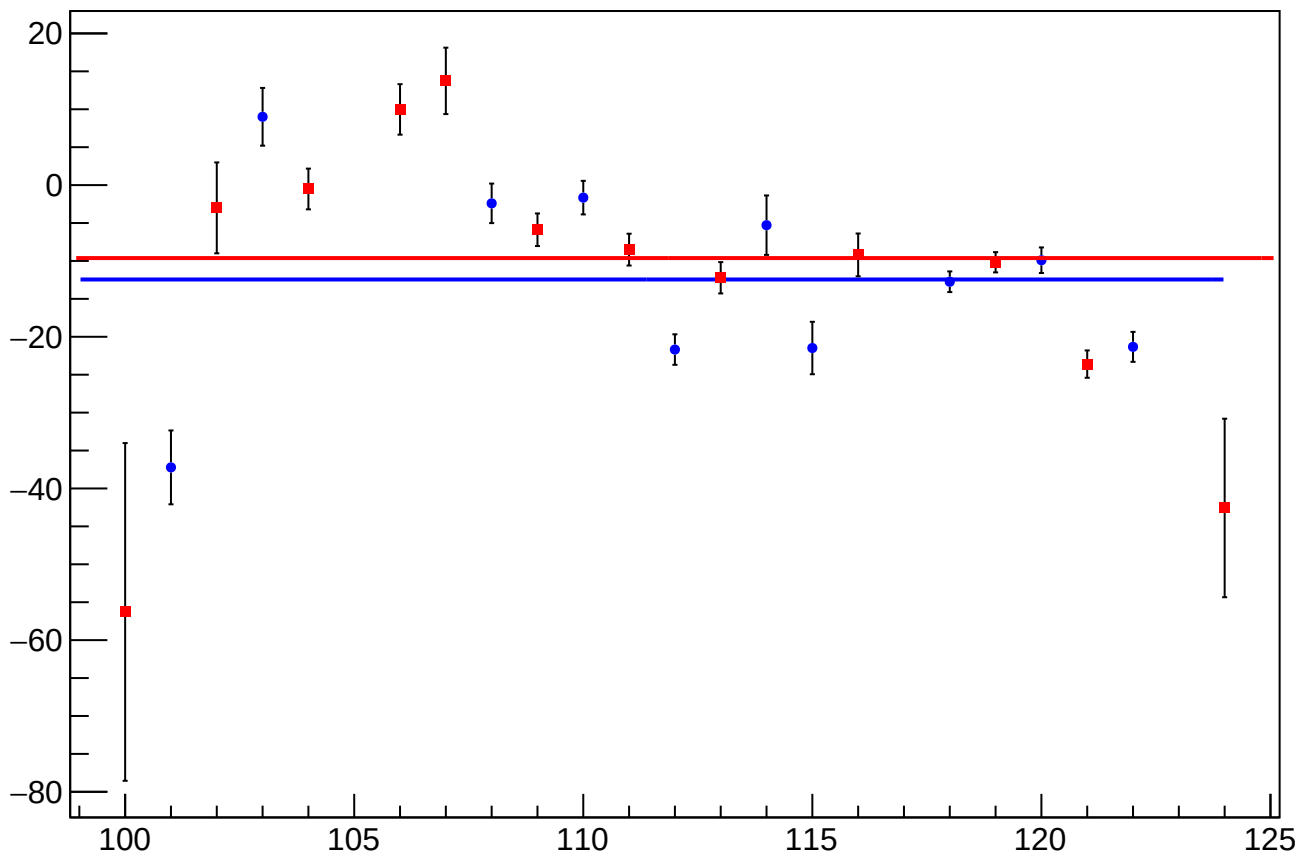
Right: -50.486 $\pm$ 0.471 χ^2 /NDF: 2824.4/21

In: -54.522 $\pm$ 0.686 χ^2 /NDF:961.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.486 $\pm$ 0.471 χ^2 /NDF: 2824.4/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.444 $\pm$ 0.706 χ^2 /NDF: 150.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.623 $\pm$ 0.709 χ^2 /NDF: 153.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

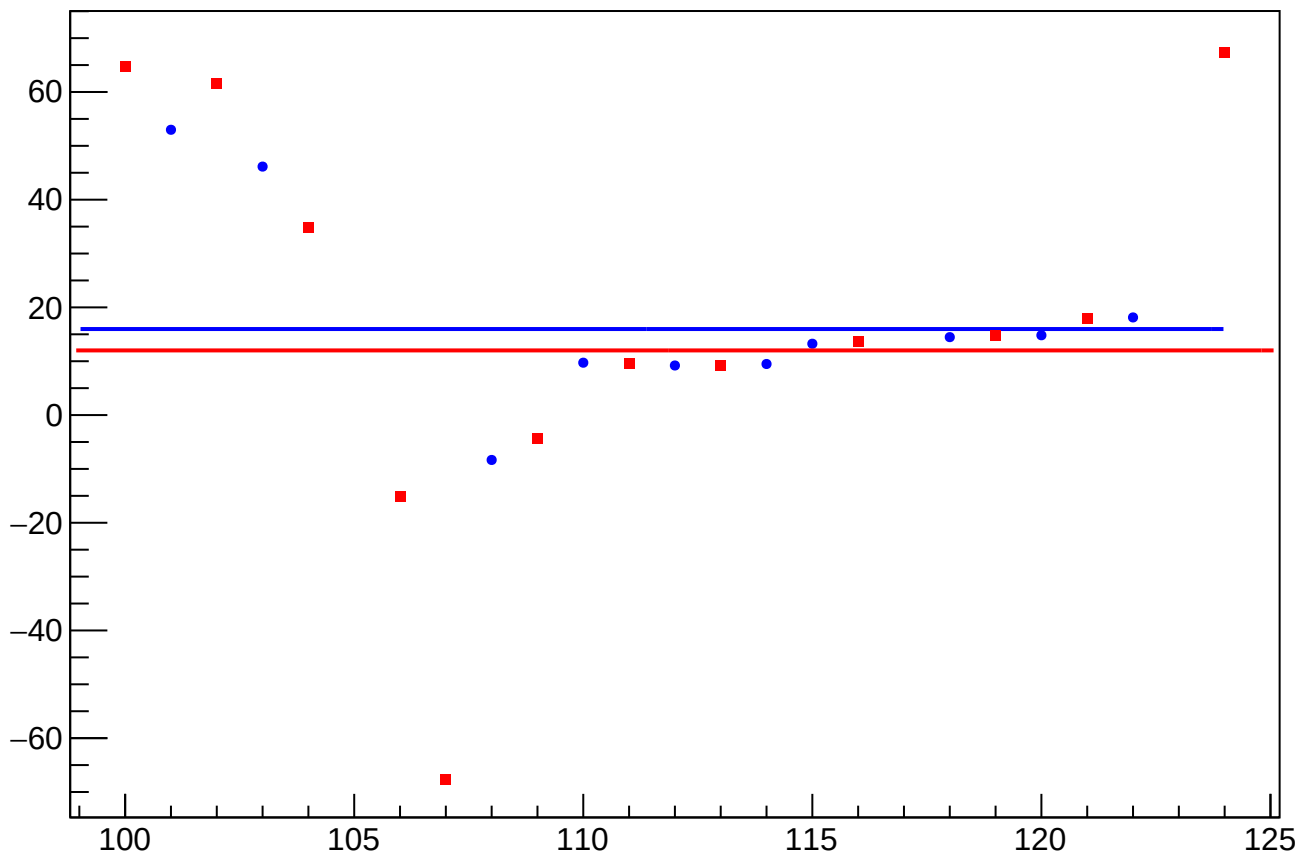
Right: -11.038 $\pm$ 0.500 χ^2 /NDF: 311.3/21

In: -12.444 $\pm$ 0.706 χ^2 /NDF:150.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.038 $\pm$ 0.500 χ^2 /NDF: 311.3/21

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.979+/-0.044 χ^2/NDF : 204454.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.007+/-0.043 χ^2/NDF : 348571.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

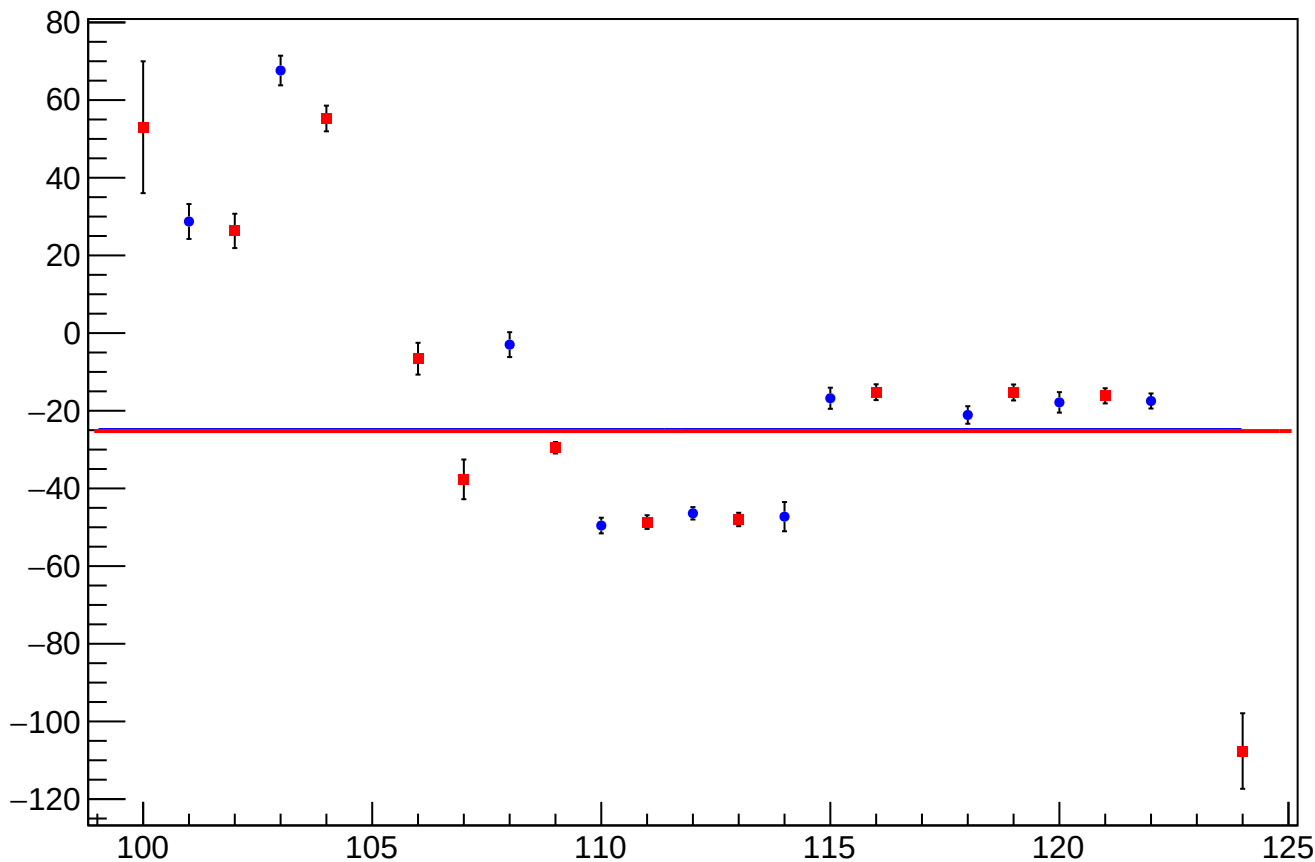
Right: 13.969+/-0.031 χ^2/NDF : 557192.1/21

In: 15.979+/-0.044 χ^2/NDF : 204454.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.969+/-0.031 χ^2/NDF : 557192.1/21

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.966 $\pm$ 0.775 χ^2 /NDF: 1175.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.228 $\pm$ 0.688 χ^2 /NDF: 1275.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

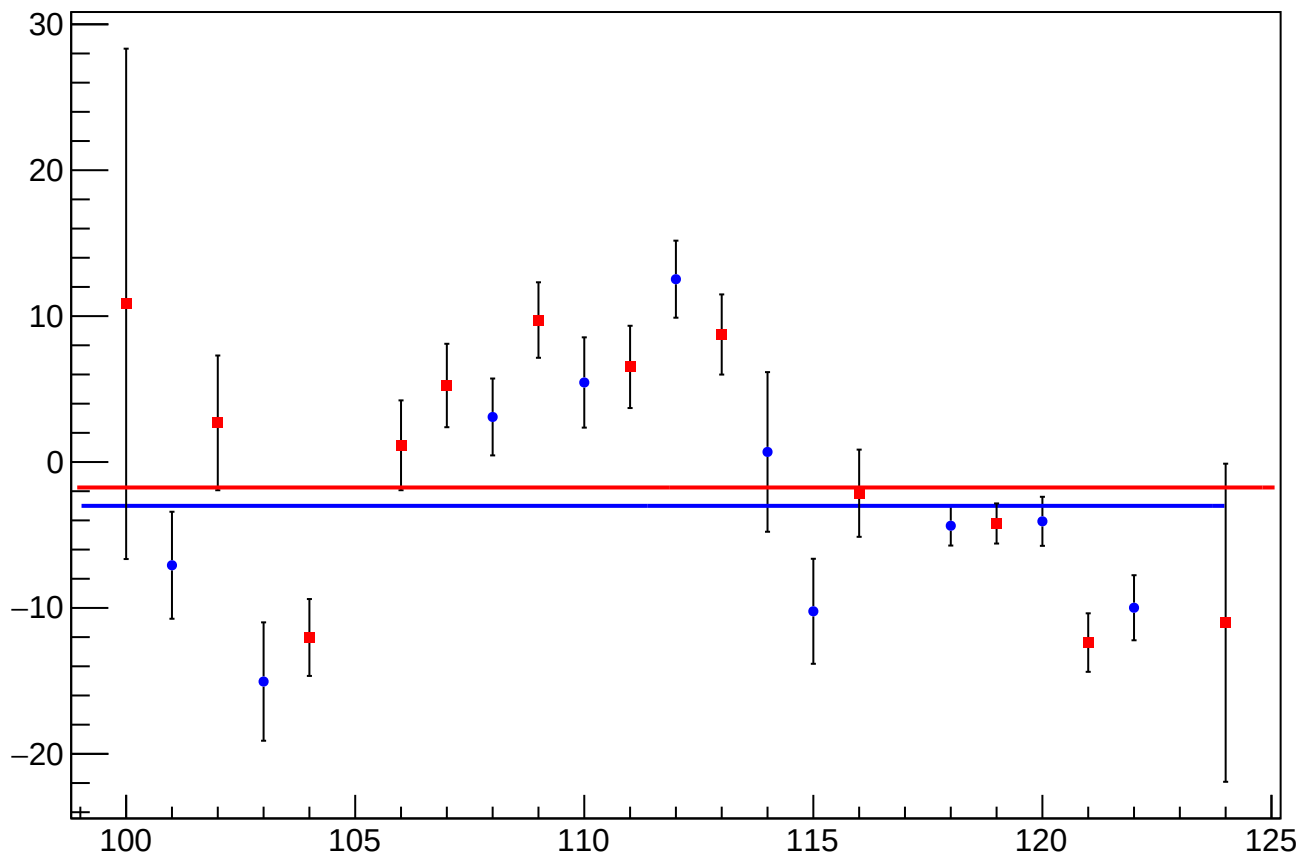
Right: -25.113 $\pm$ 0.514 χ^2 /NDF: 2451.8/21

In: -24.966 $\pm$ 0.775 χ^2 /NDF:1175.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.113 $\pm$ 0.514 χ^2 /NDF: 2451.8/21

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.003+/-0.759 χ^2/NDF : 73.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.744+/-0.761 χ^2/NDF : 98.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

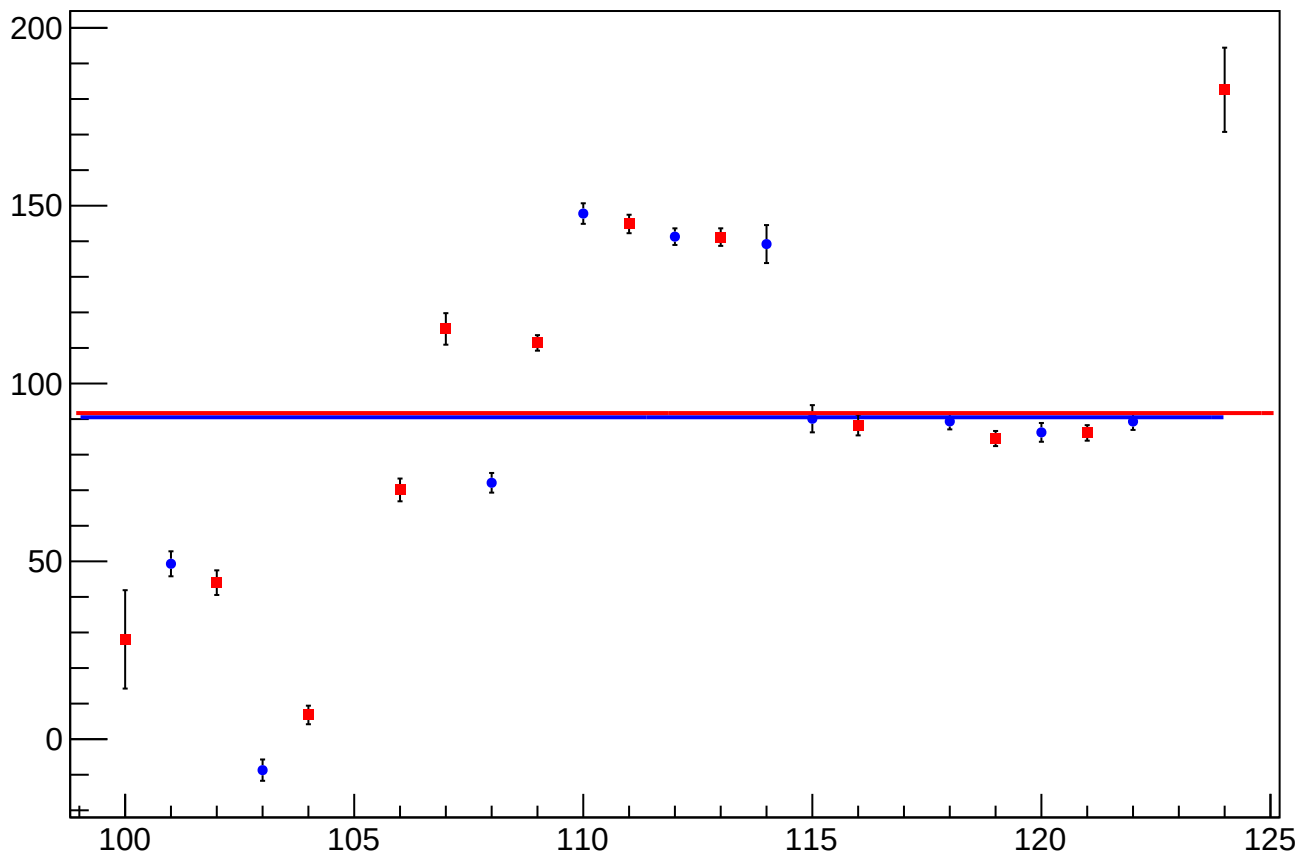
Right: -2.375+/-0.537 χ^2/NDF : 173.0/21

In: -3.003+/-0.759 χ^2/NDF :73.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.375+/-0.537 χ^2/NDF : 173.0/21

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.513 $\pm$ 0.895 χ^2 /NDF: 2229.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.690 $\pm$ 0.827 χ^2 /NDF: 2324.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

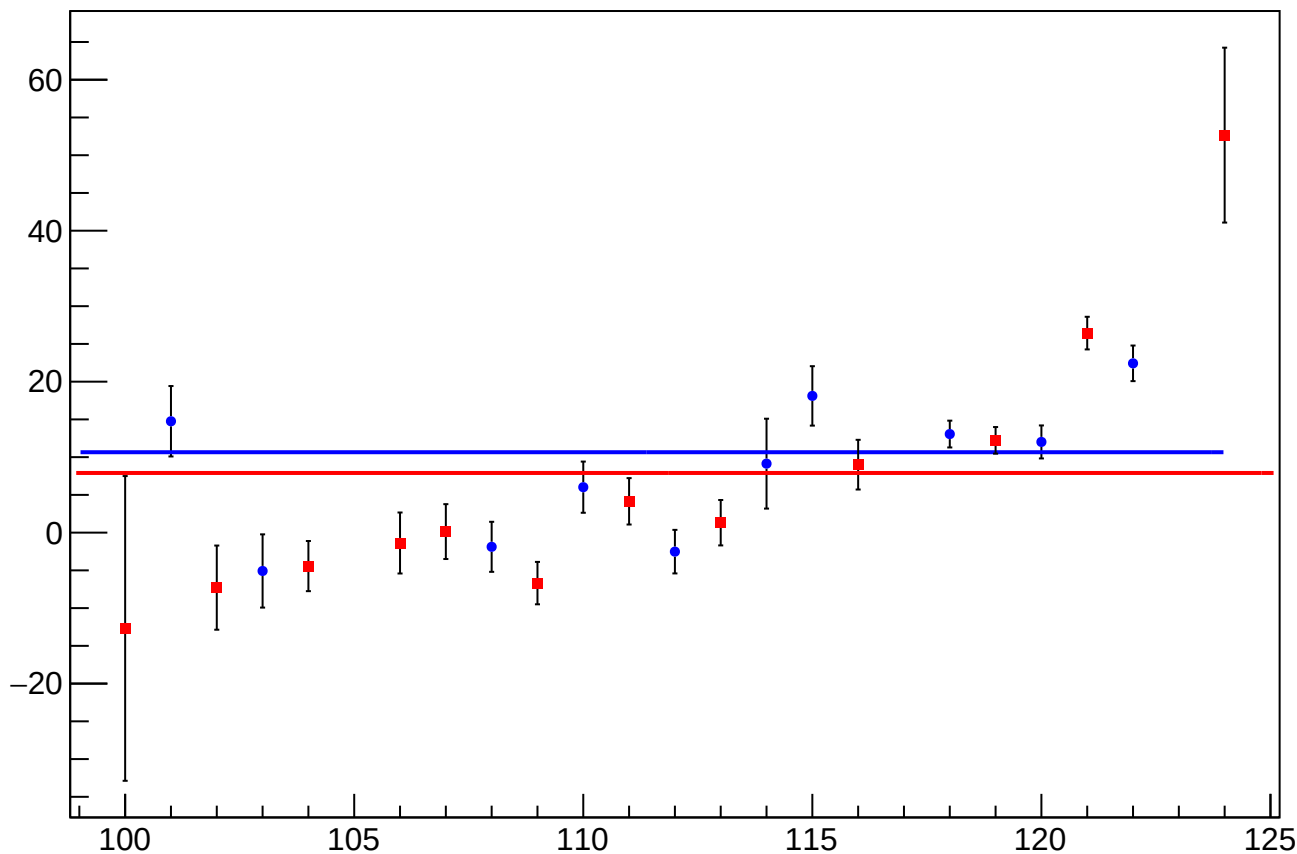
Right: 91.148 $\pm$ 0.607 χ^2 /NDF: 4554.9/21

In: 90.513 $\pm$ 0.895 χ^2 /NDF: 2229.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.148 $\pm$ 0.607 χ^2 /NDF: 4554.9/21

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.652 $\pm$ 0.918 χ^2 /NDF: 79.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.904 $\pm$ 0.898 χ^2 /NDF: 159.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

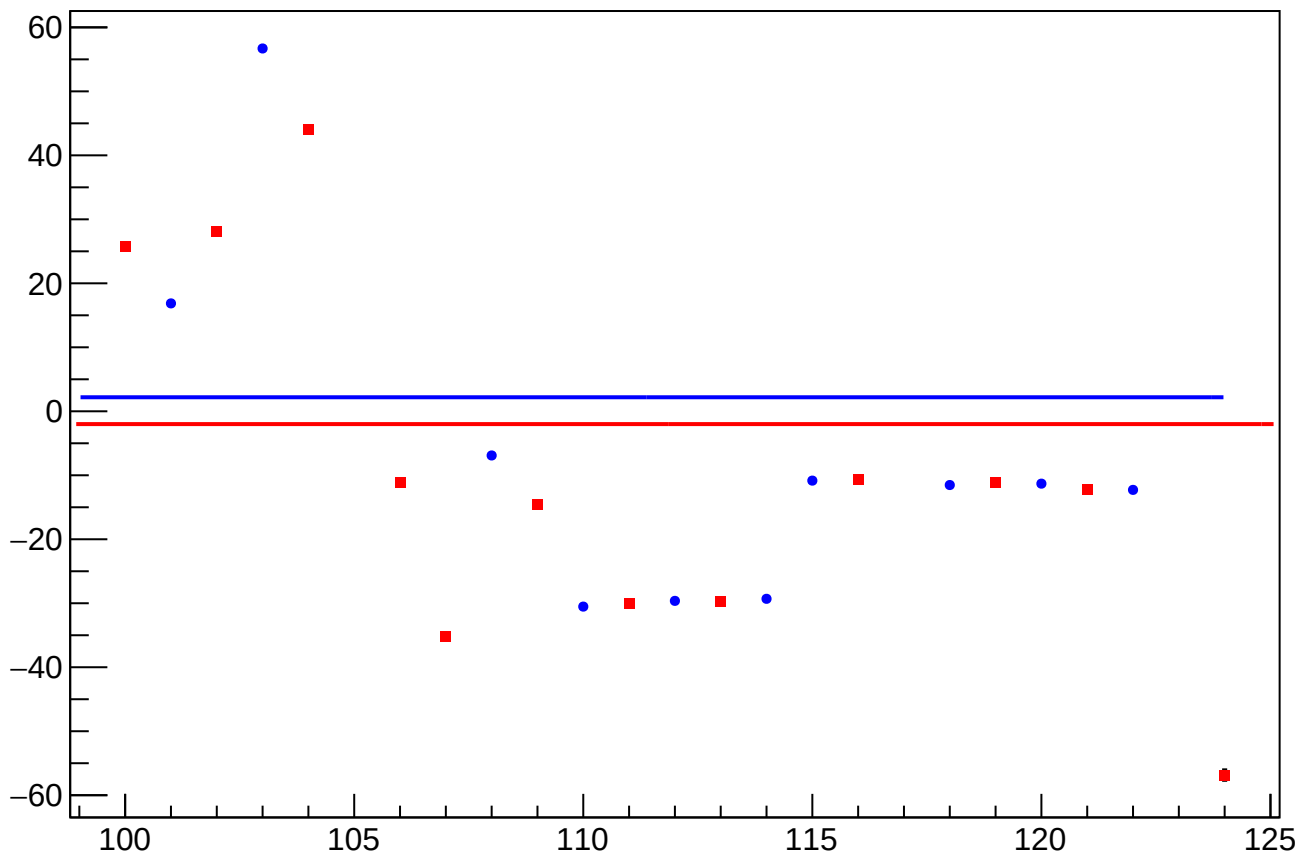
Right: 9.247 $\pm$ 0.642 χ^2 /NDF: 243.6/21

In: 10.652 $\pm$ 0.918 χ^2 /NDF: 79.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.247 $\pm$ 0.642 χ^2 /NDF: 243.6/21

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.192+/-0.056 χ^2/NDF : 272745.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.001+/-0.052 χ^2/NDF : 271221.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

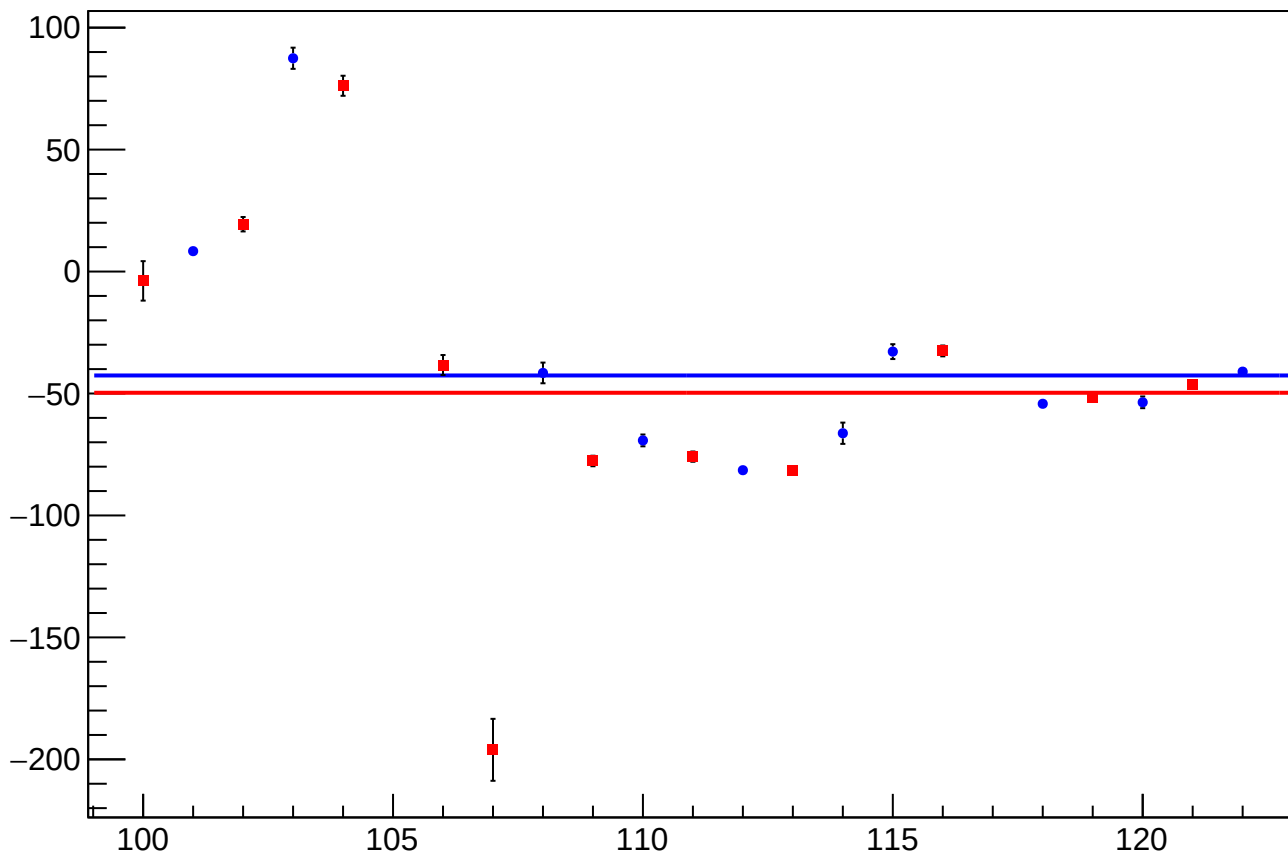
Right: -0.050+/-0.038 χ^2/NDF : 546939.5/21

In: 2.192+/-0.056 χ^2/NDF : 272745.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.050+/-0.038 χ^2/NDF : 546939.5/21

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.609 ± 0.779 χ^2/NDF : 2170.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -49.702 ± 0.766 χ^2/NDF : 2290.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

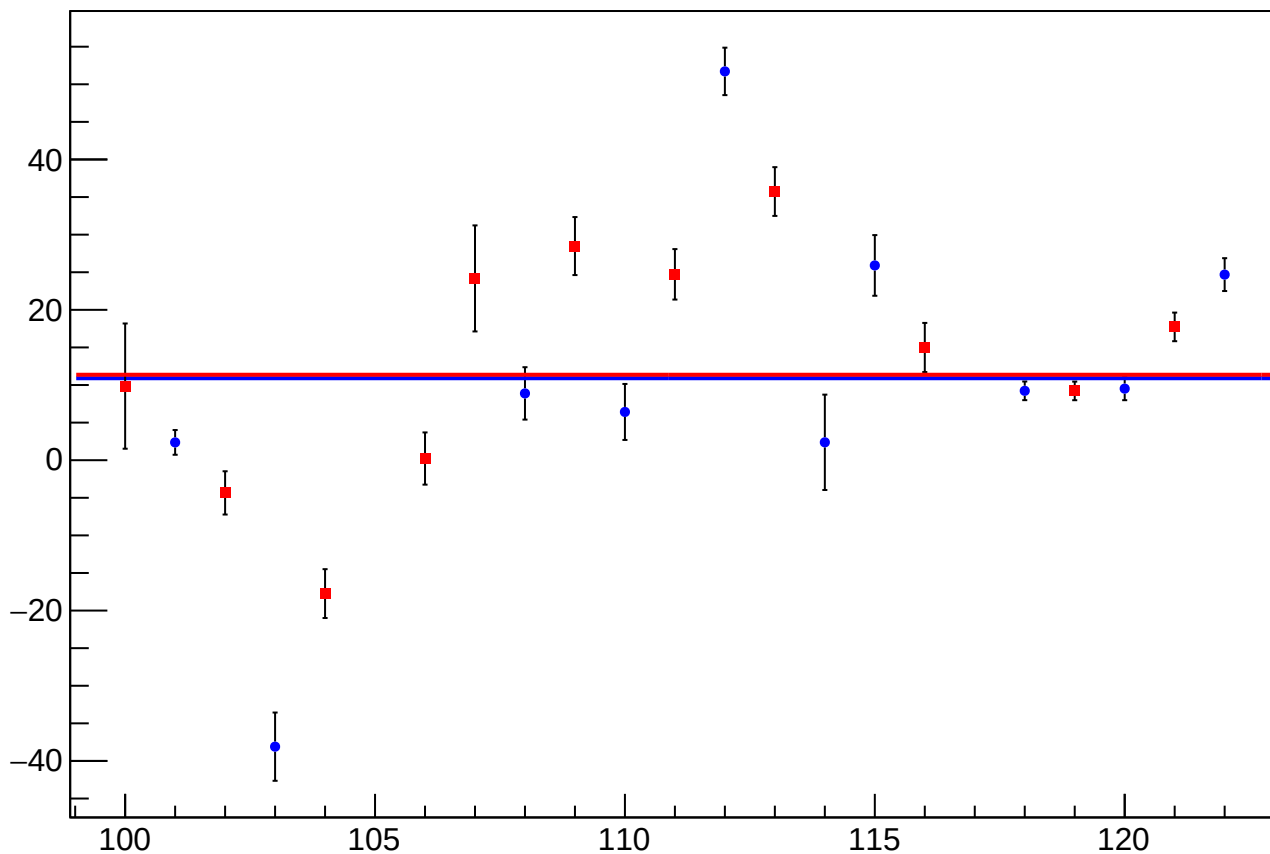
Right: -46.216 ± 0.546 χ^2/NDF : 4502.6/20

In: -42.609 ± 0.779 χ^2/NDF : 2170.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.216 ± 0.546 χ^2/NDF : 4502.6/20

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.902 $\pm$ 0.700 χ^2 /NDF: 370.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.366 $\pm$ 0.788 χ^2 /NDF: 231.2/10

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

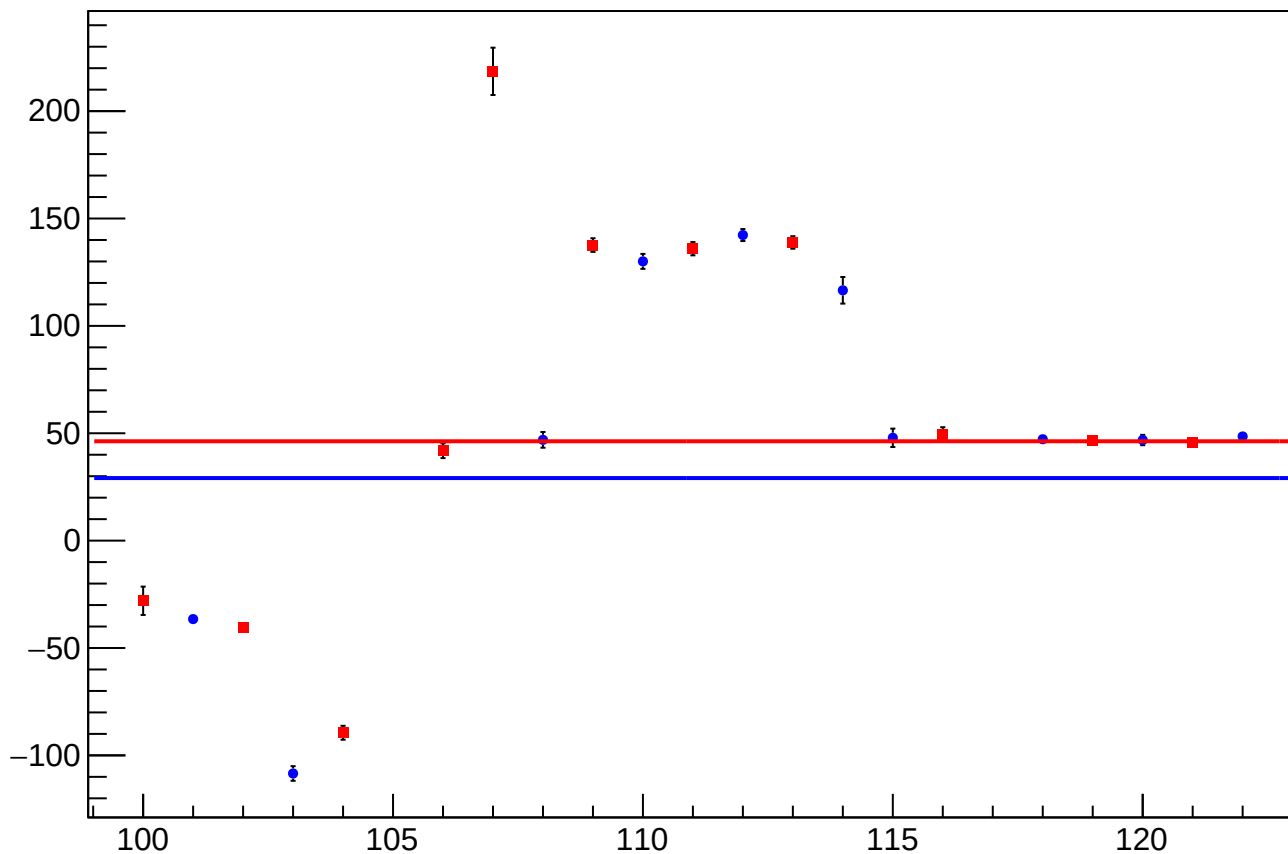
Right: 11.106 $\pm$ 0.523 χ^2 /NDF: 602.0/20

In: 10.902 $\pm$ 0.700 χ^2 /NDF:370.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.106 $\pm$ 0.523 χ^2 /NDF: 602.0/20

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.134+/-0.830 χ^2/NDF : 6306.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.268+/-0.870 χ^2/NDF : 6208.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

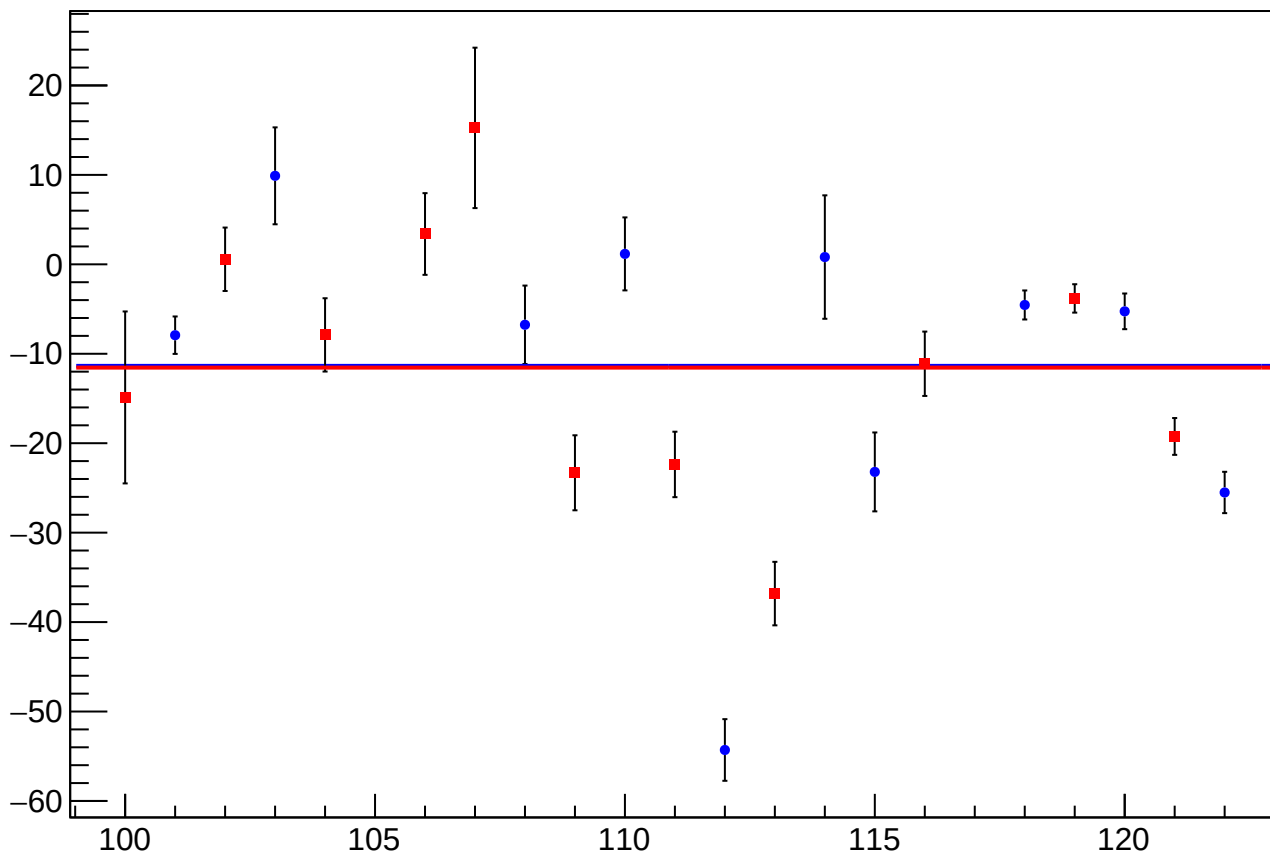
Right: 37.301+/-0.600 χ^2/NDF : 12718.5/20

In: 29.134+/-0.830 χ^2/NDF : 6306.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.301+/-0.600 χ^2/NDF : 12718.5/20

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.354 ± 0.861 χ^2/NDF : 258.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.548 ± 0.940 χ^2/NDF : 137.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

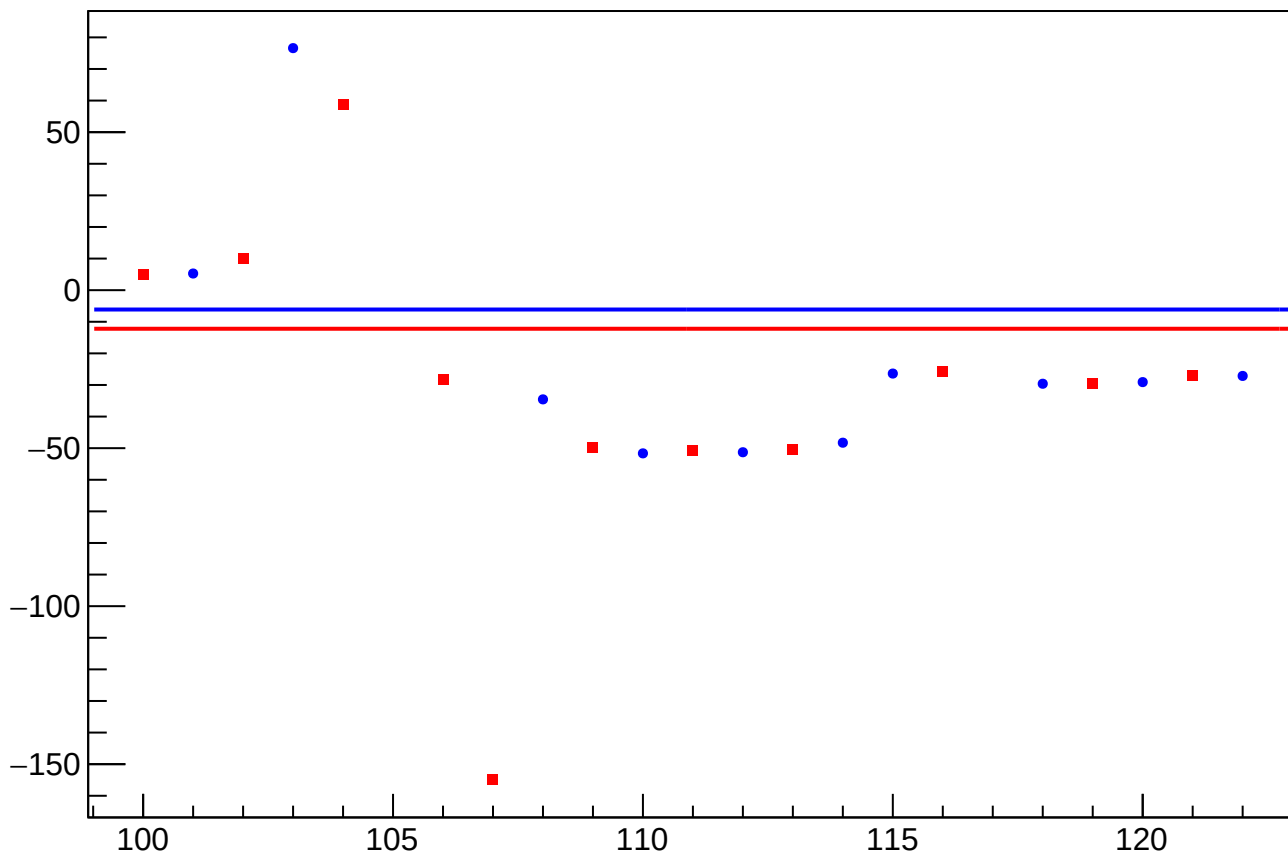
Right: -11.442 ± 0.635 χ^2/NDF : 395.9/20

In: -11.354 ± 0.861 χ^2/NDF : 258.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.442 ± 0.635 χ^2/NDF : 395.9/20

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.121+/-0.053 χ^2/NDF : 517811.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.209+/-0.054 χ^2/NDF : 473959.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

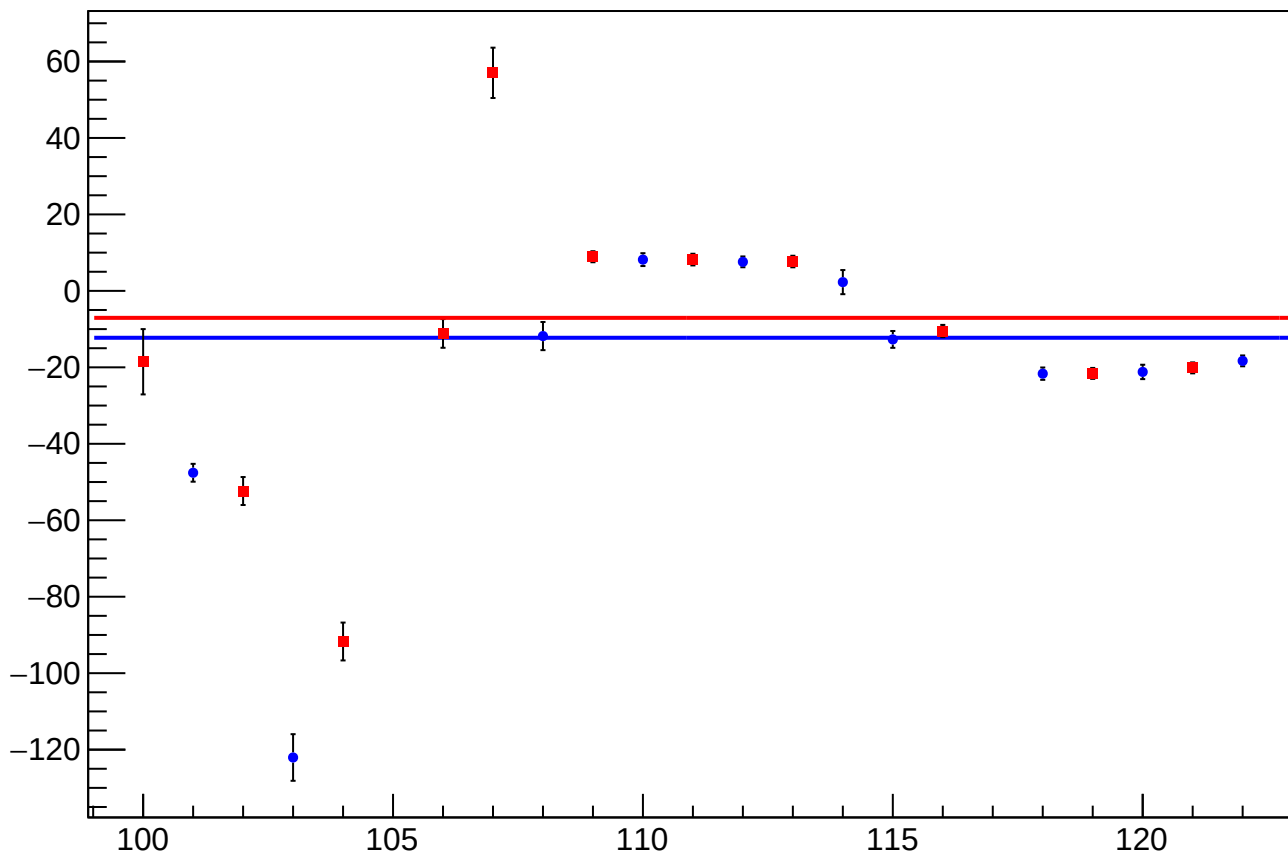
Right: -9.108+/-0.038 χ^2/NDF : 998216.1/20

In: -6.121+/-0.053 χ^2/NDF : 517811.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.108+/-0.038 χ^2/NDF : 998216.1/20

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -12.266+/-0.619 χ^2/NDF : 993.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.056+/-0.583 χ^2/NDF : 1052.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

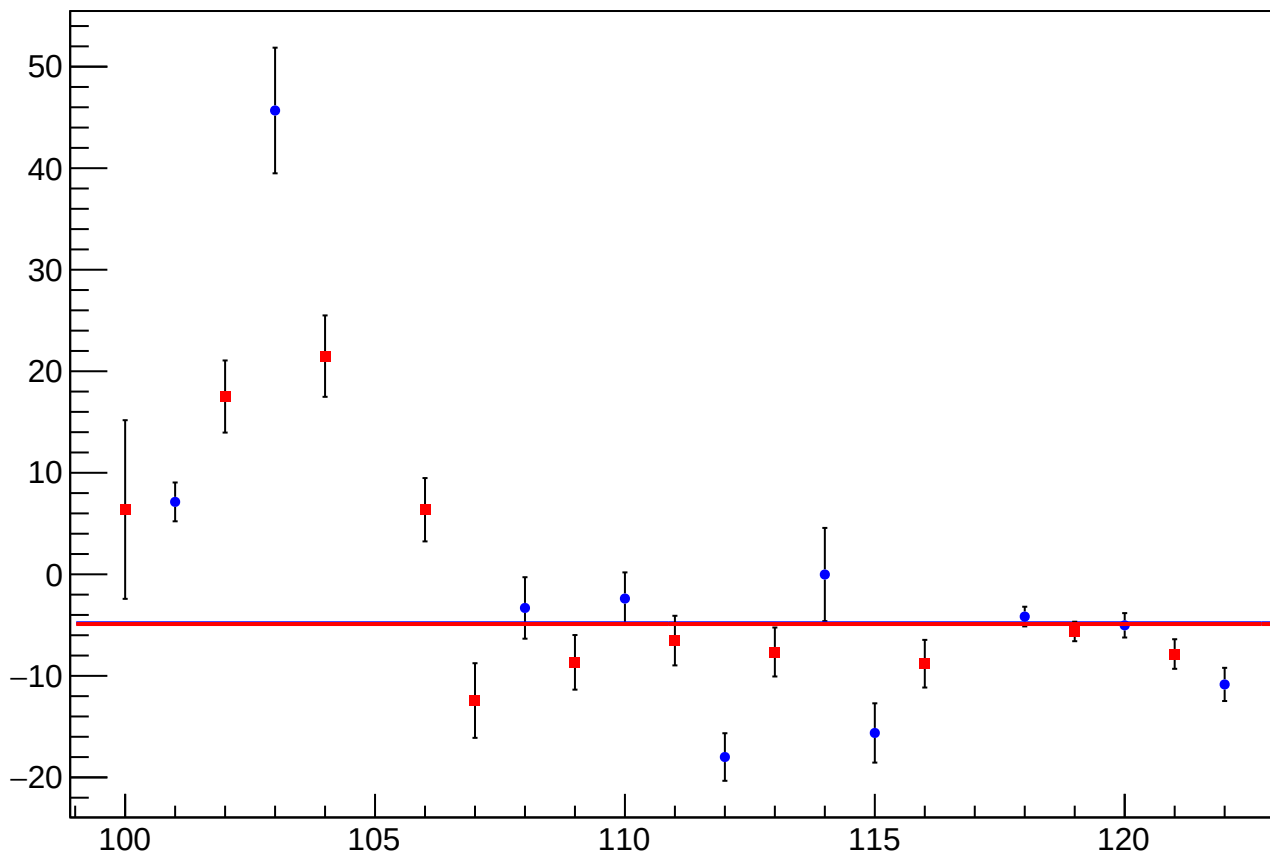
Right: -9.506+/-0.425 χ^2/NDF : 2083.5/20

In: -12.266+/-0.619 χ^2/NDF : 993.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.506+/-0.425 χ^2/NDF : 2083.5/20

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.822+/-0.573 χ^2/NDF : 167.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.896+/-0.626 χ^2/NDF : 113.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

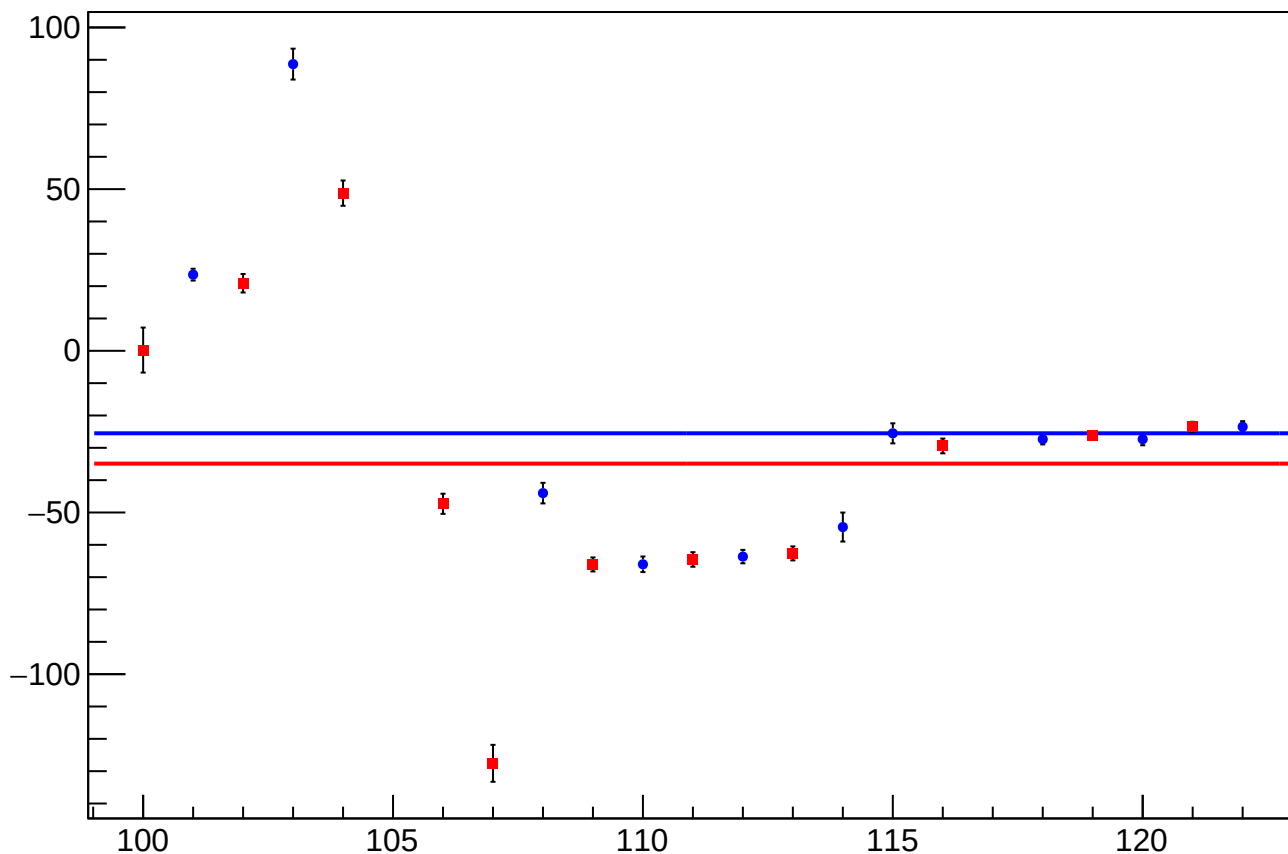
Right: -4.856+/-0.423 χ^2/NDF : 280.6/20

In: -4.822+/-0.573 χ^2/NDF :167.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.856+/-0.423 χ^2/NDF : 280.6/20

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.509+/-0.707 χ^2/NDF : 1993.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.890+/-0.705 χ^2/NDF : 1779.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

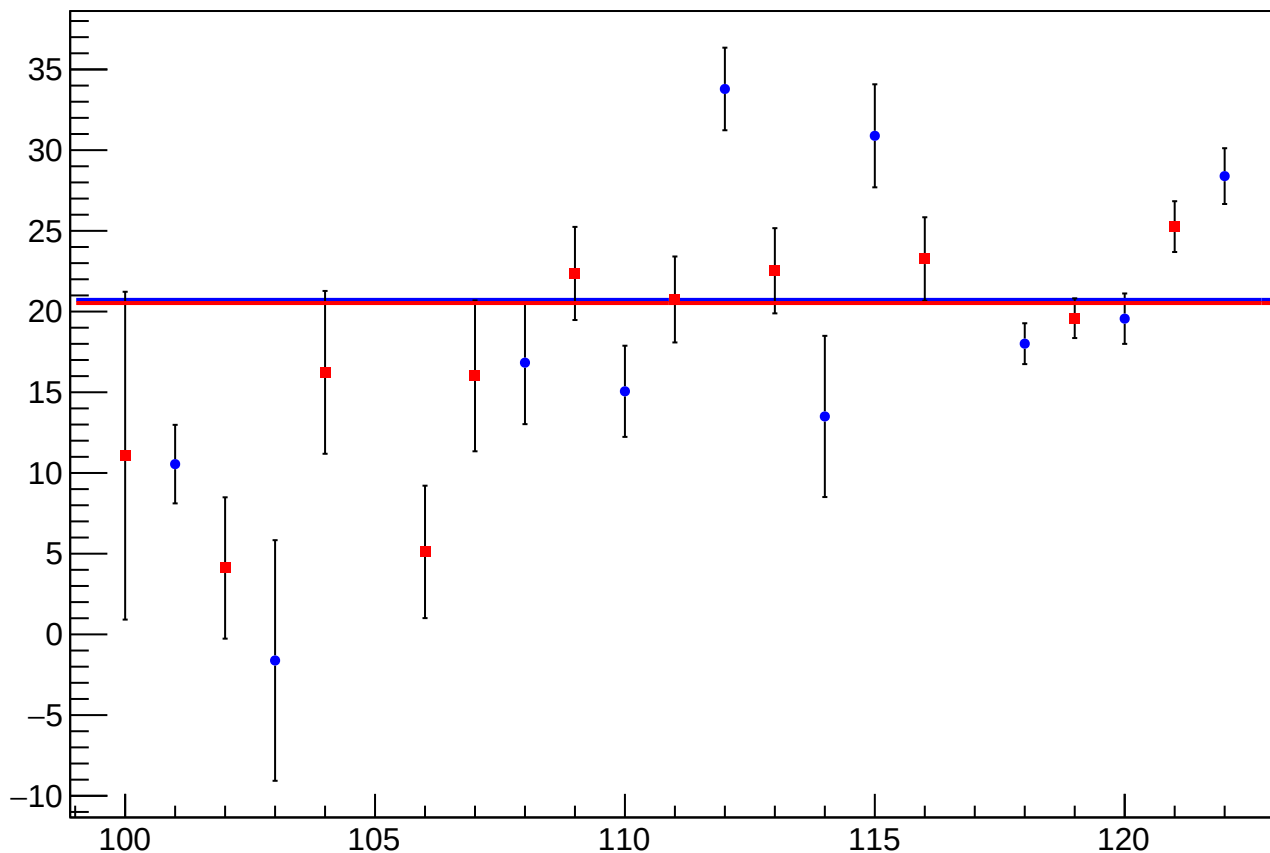
Right: -30.208+/-0.499 χ^2/NDF : 3862.1/20

In: -25.509+/-0.707 χ^2/NDF : 1993.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.208+/-0.499 χ^2/NDF : 3862.1/20

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.724 $\pm$ 0.700 χ^2/NDF : 94.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 20.527 $\pm$ 0.740 χ^2/NDF : 42.4/10

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

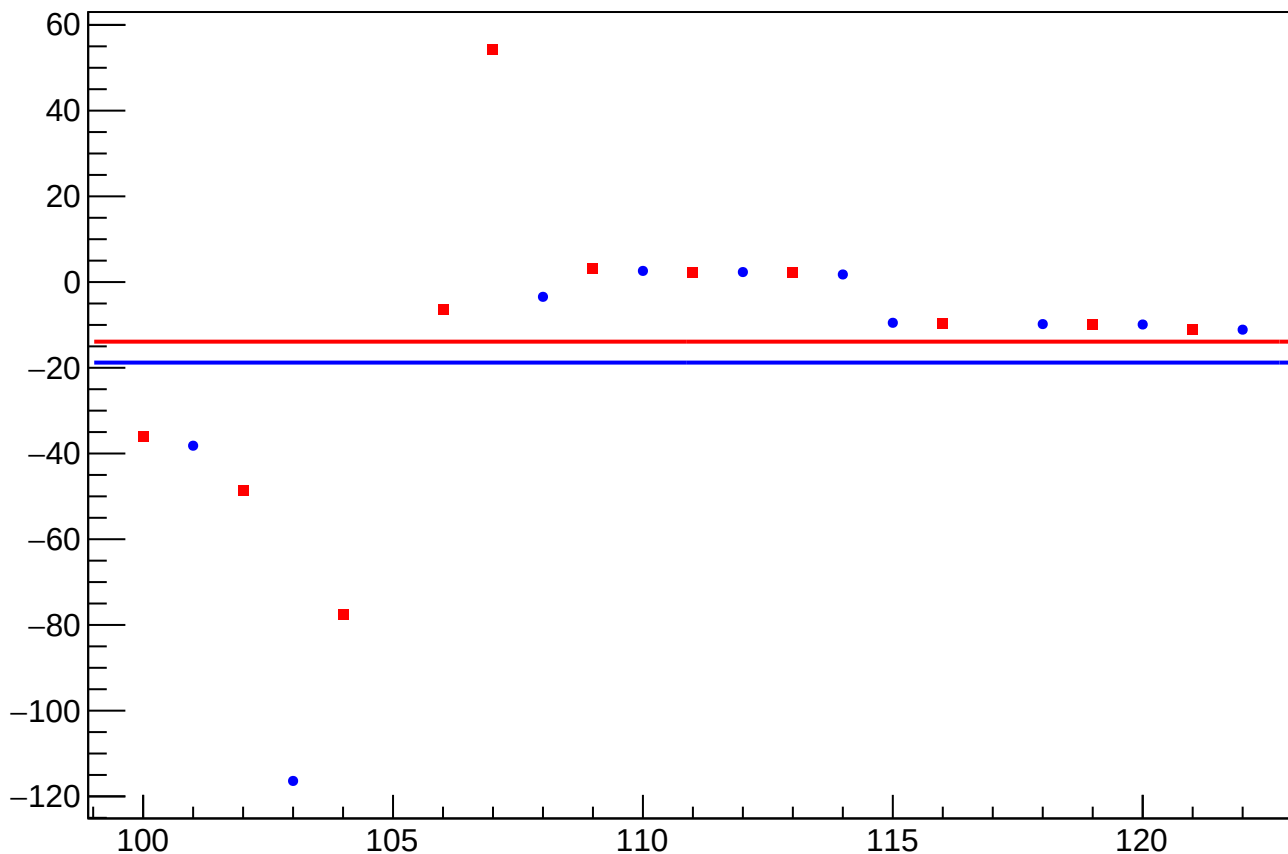
Right: 20.631 $\pm$ 0.509 χ^2/NDF : 137.2/20

In: 20.724 $\pm$ 0.700 χ^2/NDF : 94.7/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 20.631 $\pm$ 0.509 χ^2/NDF : 137.2/20

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.787 ± 0.049 $\chi^2/\text{NDF}: 323295.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.901 ± 0.048 $\chi^2/\text{NDF}: 309786.1/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

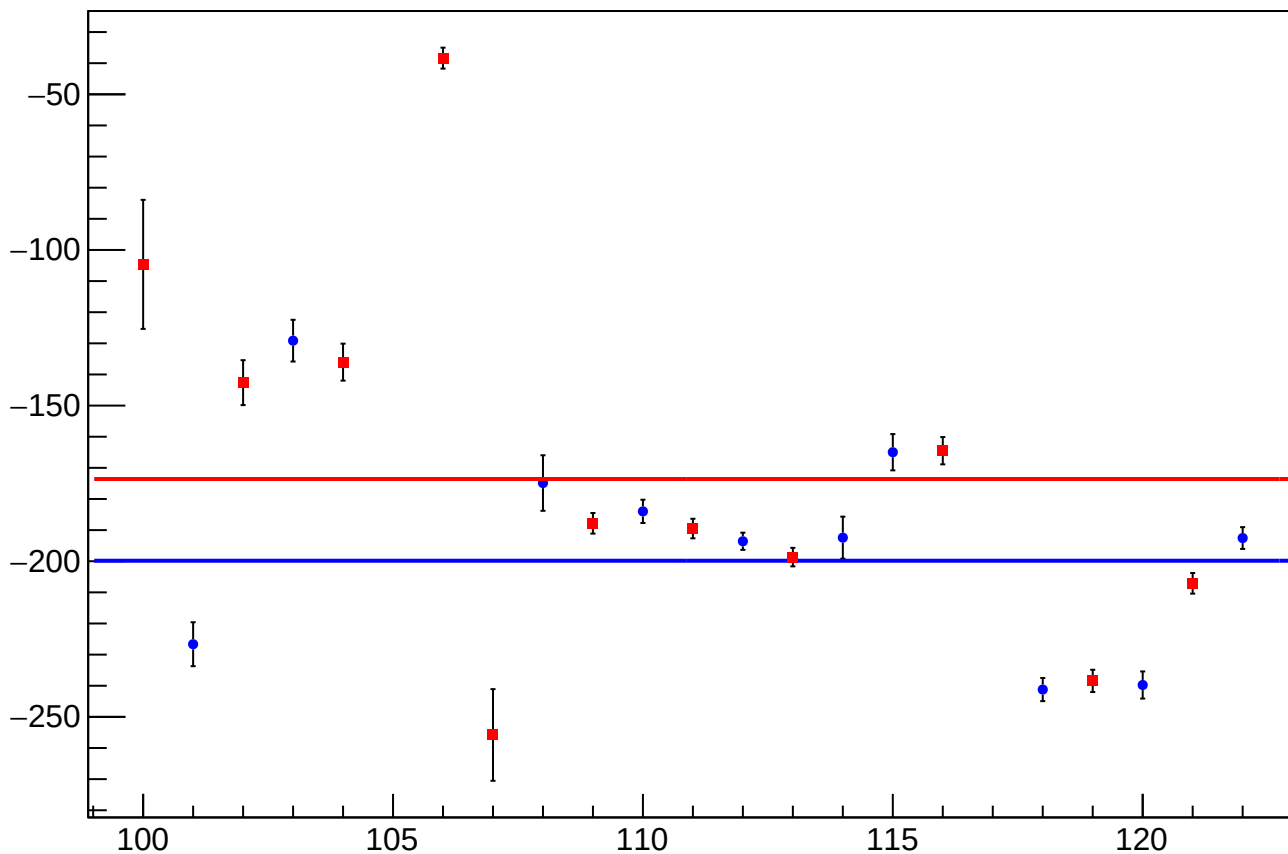
Right: -16.313 ± 0.034 $\chi^2/\text{NDF}: 638213.8/20$

In: -18.787 ± 0.049 $\chi^2/\text{NDF}: 323295.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.313 ± 0.034 $\chi^2/\text{NDF}: 638213.8/20$

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -199.838+/-1.392 χ^2 /NDF: 405.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -173.585+/-1.222 χ^2 /NDF: 2266.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

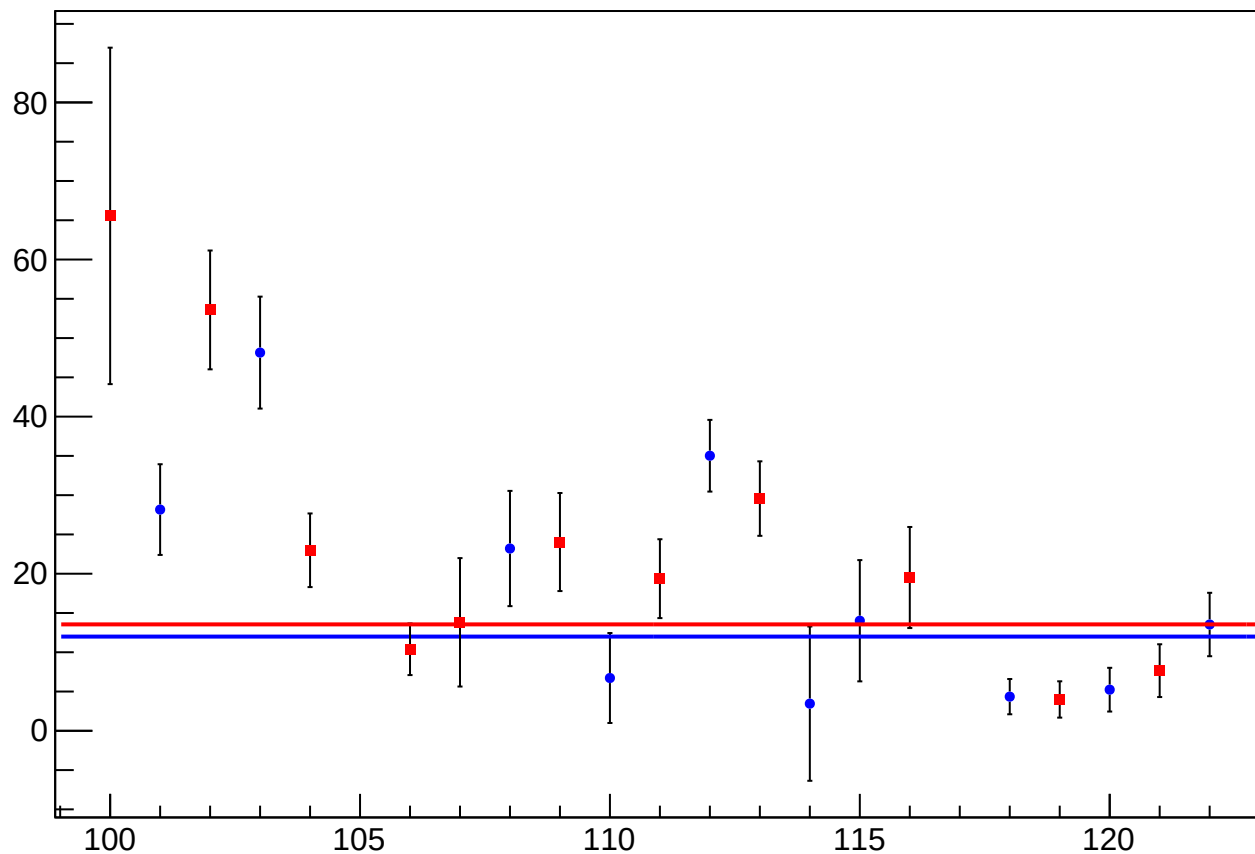
Right: -185.010+/-0.918 χ^2 /NDF: 2873.1/20

In: -199.838+/-1.392 χ^2 /NDF:405.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -185.010+/-0.918 χ^2 /NDF: 2873.1/20

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.996+/-1.333 χ^2/NDF : 80.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.549+/-1.310 χ^2/NDF : 75.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

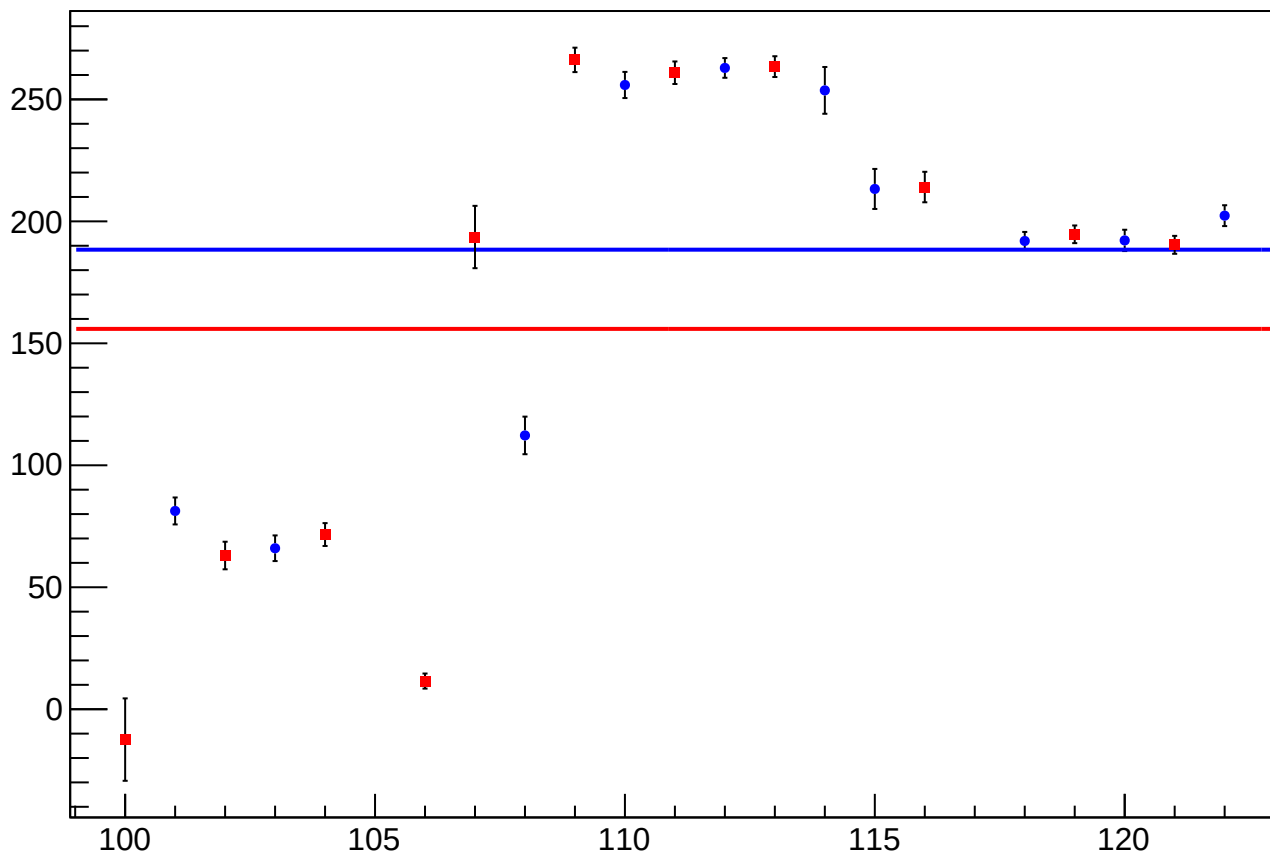
Right: 12.786+/-0.935 χ^2/NDF : 156.8/20

In: 11.996+/-1.333 χ^2/NDF : 80.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.786+/-0.935 χ^2/NDF : 156.8/20

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 188.391 $\pm$ 1.607 χ^2 /NDF: 1582.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.918 $\pm$ 1.401 χ^2 /NDF: 4816.0/10

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

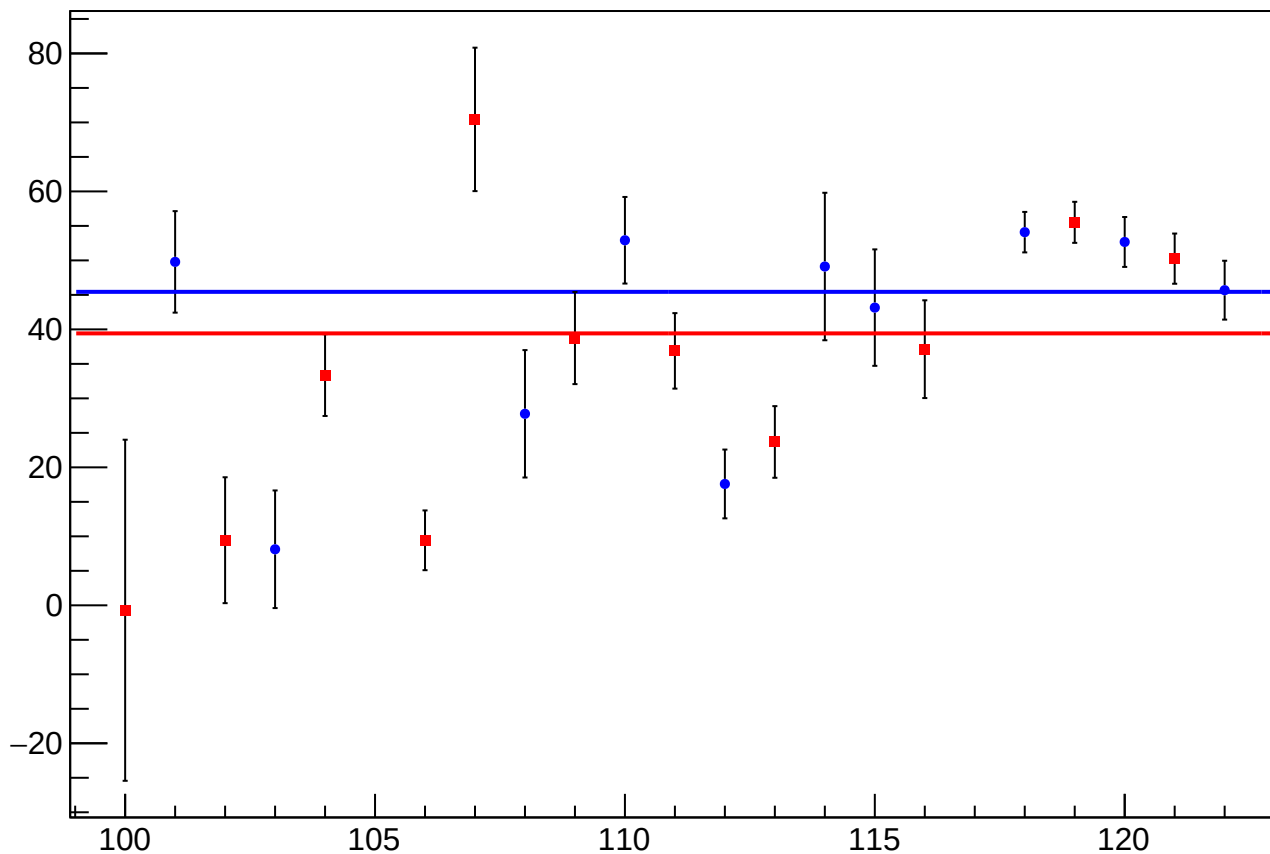
Right: 169.951 $\pm$ 1.056 χ^2 /NDF: 6630.2/20

In: 188.391 $\pm$ 1.607 χ^2 /NDF:1582.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.951 $\pm$ 1.056 χ^2 /NDF: 6630.2/20

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.442 $\pm$ 1.622 χ^2 /NDF: 68.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.419 $\pm$ 1.569 χ^2 /NDF: 119.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

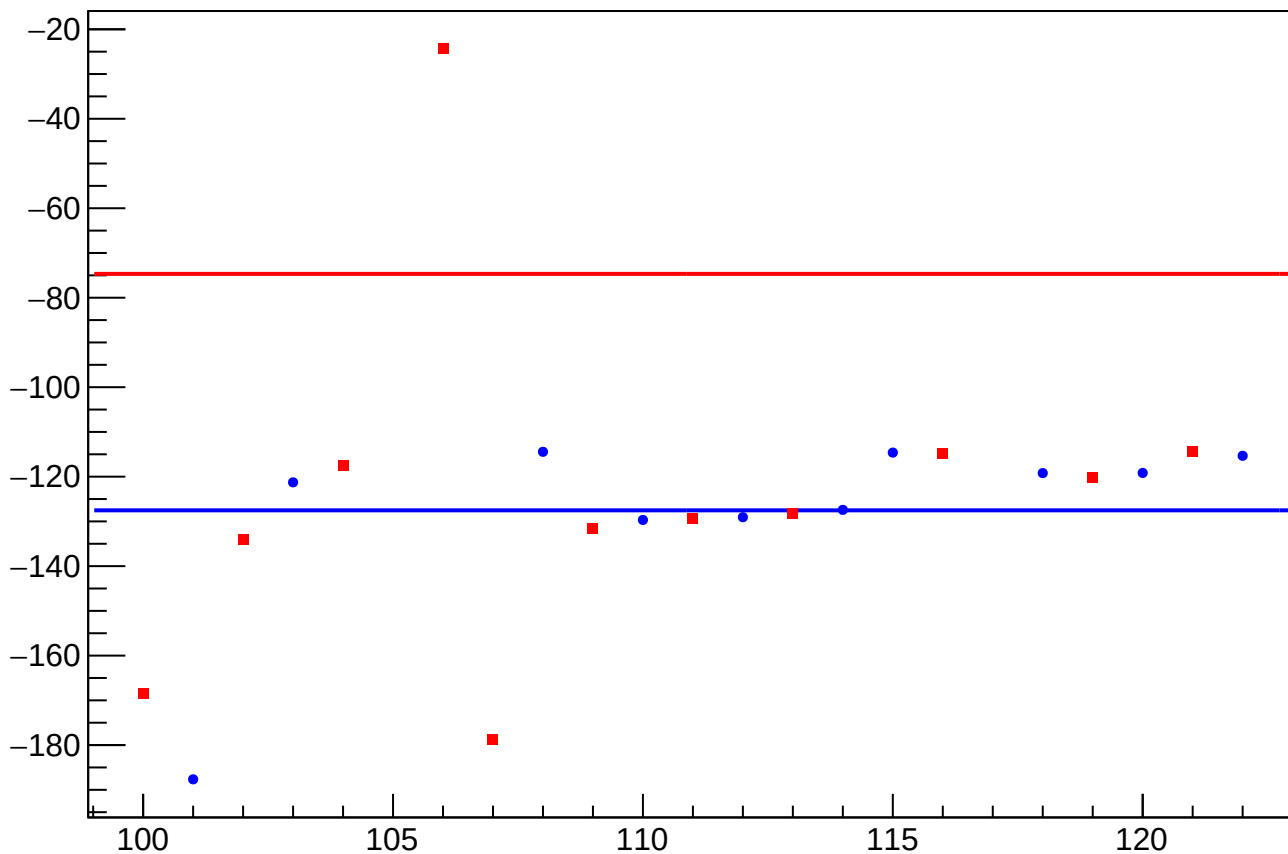
Right: 42.330 $\pm$ 1.128 χ^2 /NDF: 194.8/20

In: 45.442 $\pm$ 1.622 χ^2 /NDF: 68.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.330 $\pm$ 1.128 χ^2 /NDF: 194.8/20

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.528+/-0.106 χ^2/NDF : 39027.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.672+/-0.073 χ^2/NDF : 514215.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

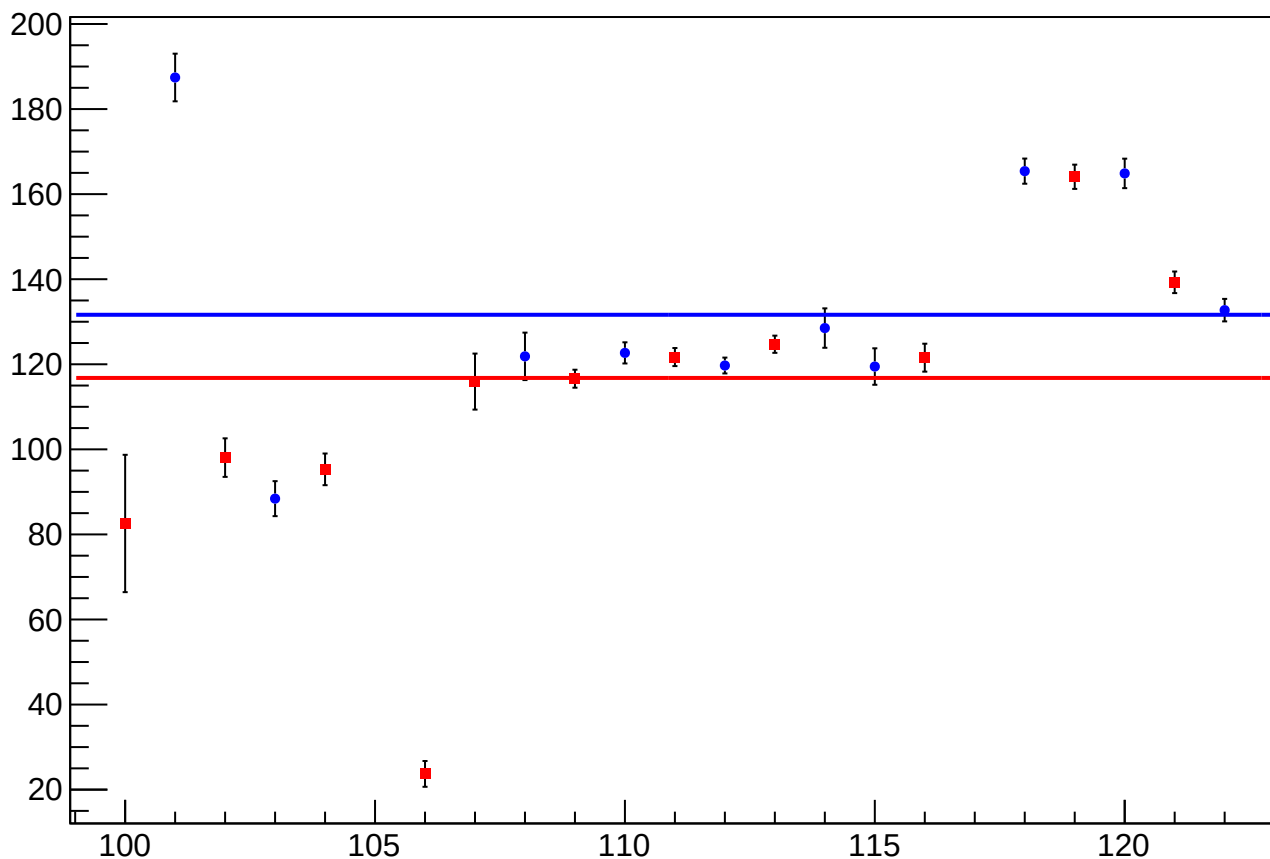
Right: -91.605+/-0.060 χ^2/NDF : 722309.7/20

In: -127.528+/-0.106 χ^2/NDF : 39027.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -91.605+/-0.060 χ^2/NDF : 722309.7/20

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 131.638 $\pm$ 0.993 χ^2 /NDF: 497.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 116.788 $\pm$ 0.871 χ^2 /NDF: 1373.7/10

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

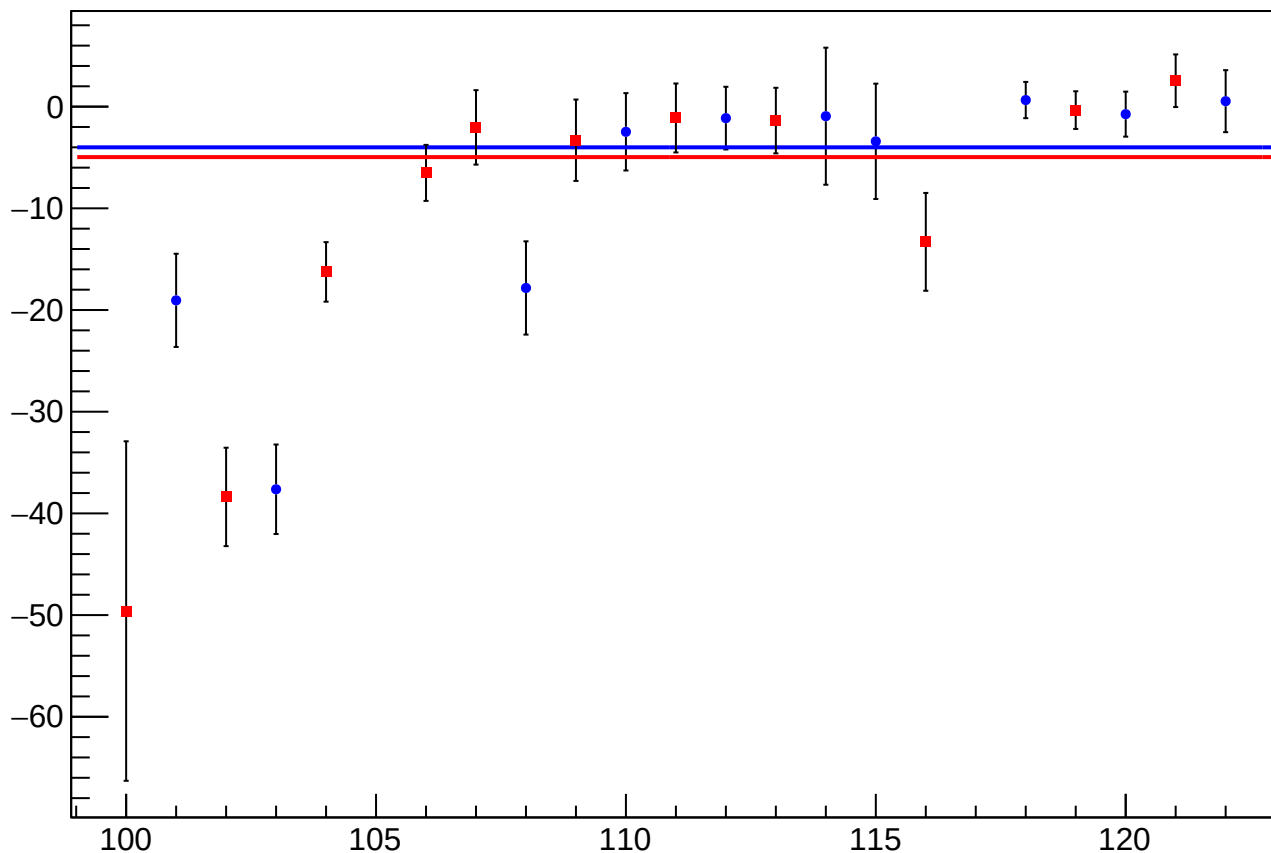
Right: 123.248 $\pm$ 0.655 χ^2 /NDF: 1997.8/20

In: 131.638 $\pm$ 0.993 χ^2 /NDF:497.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 123.248 $\pm$ 0.655 χ^2 /NDF: 1997.8/20

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.001 $\pm$ 1.000 χ^2 /NDF: 90.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.962 $\pm$ 0.954 χ^2 /NDF: 91.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

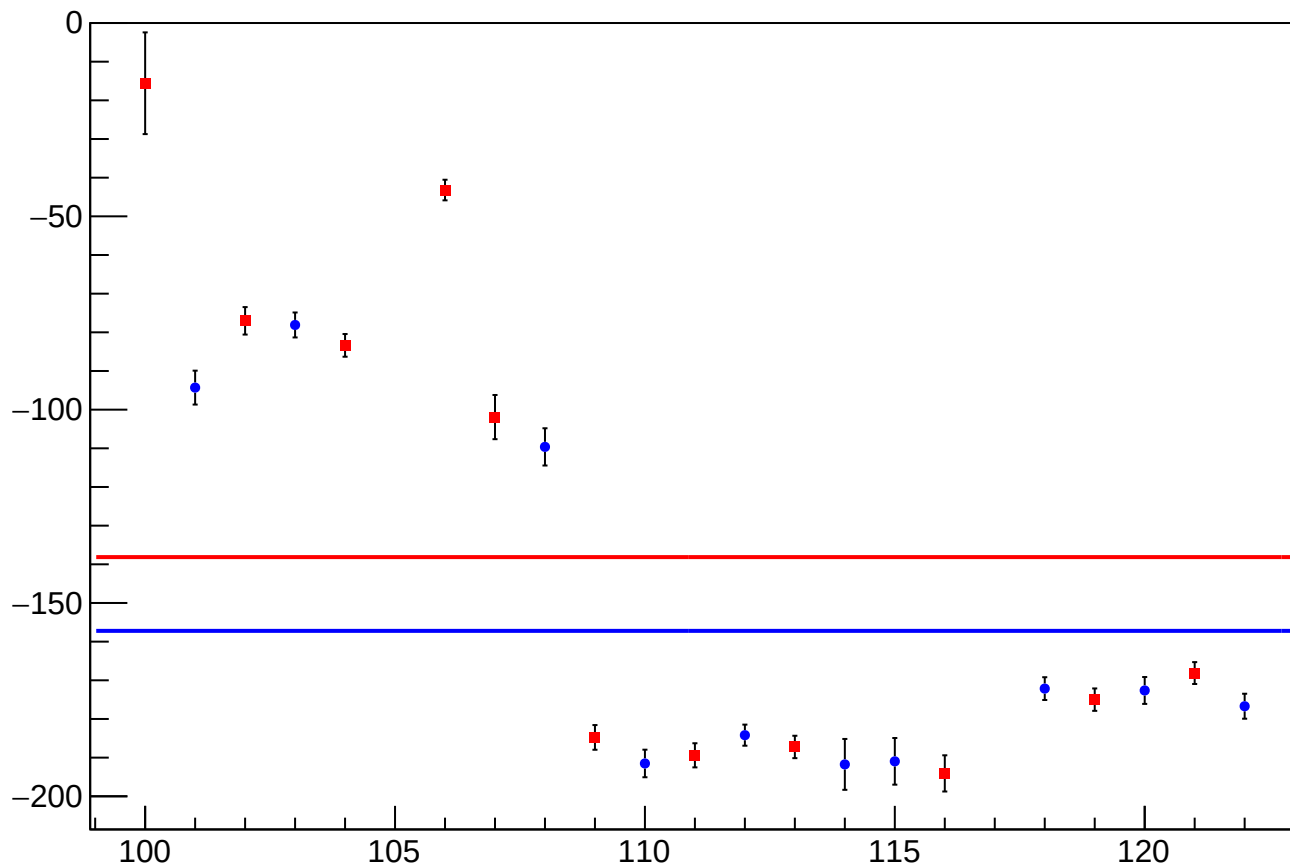
Right: -4.504 $\pm$ 0.690 χ^2 /NDF: 182.2/20

In: -4.001 $\pm$ 1.000 χ^2 /NDF:90.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.504 $\pm$ 0.690 χ^2 /NDF: 182.2/20

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -157.214+/-1.156 χ^2/NDF : 1235.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -138.135+/-1.009 χ^2/NDF : 3227.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

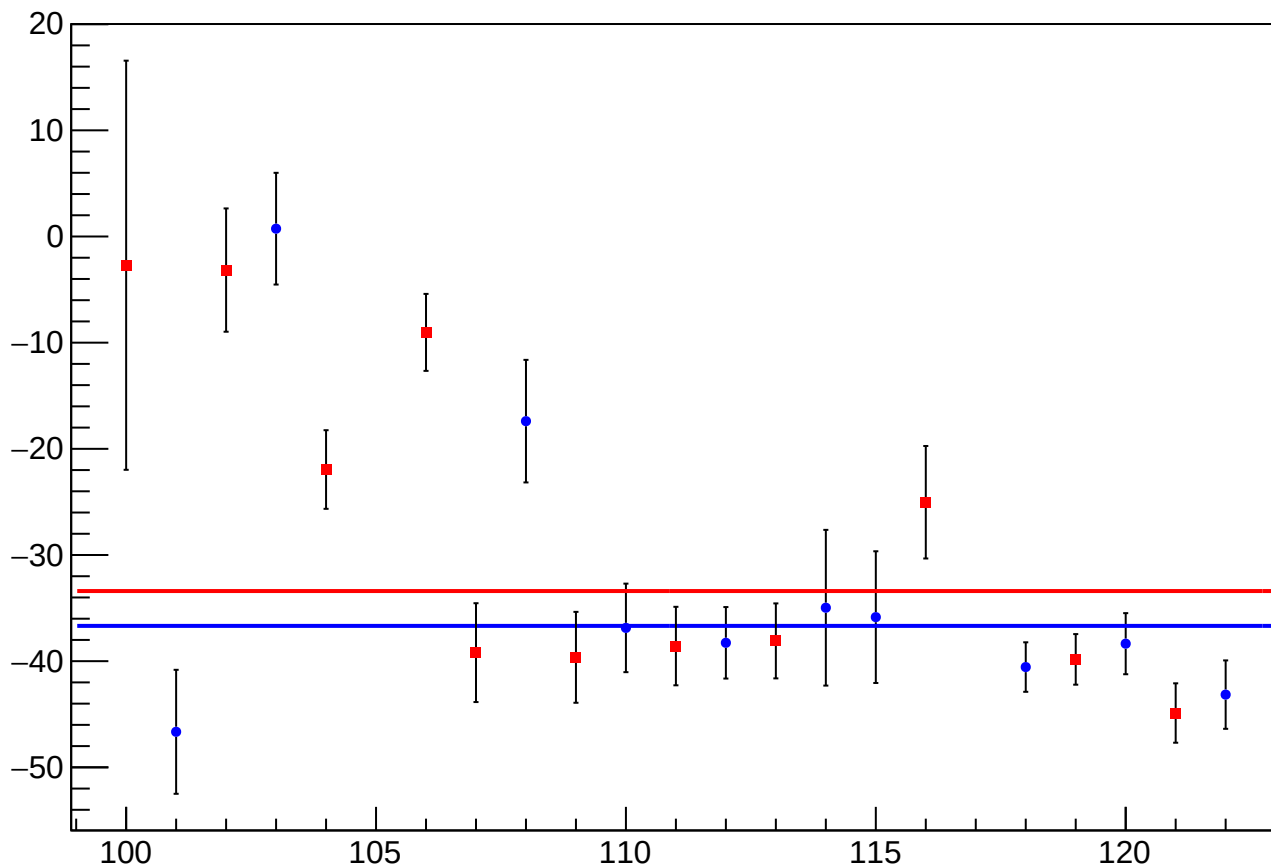
Right: -146.388+/-0.760 χ^2/NDF : 4617.6/20

In: -157.214+/-1.156 χ^2/NDF :1235.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -146.388+/-0.760 χ^2/NDF : 4617.6/20

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.677+/-1.207 χ^2/NDF : 72.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.395+/-1.136 χ^2/NDF : 118.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

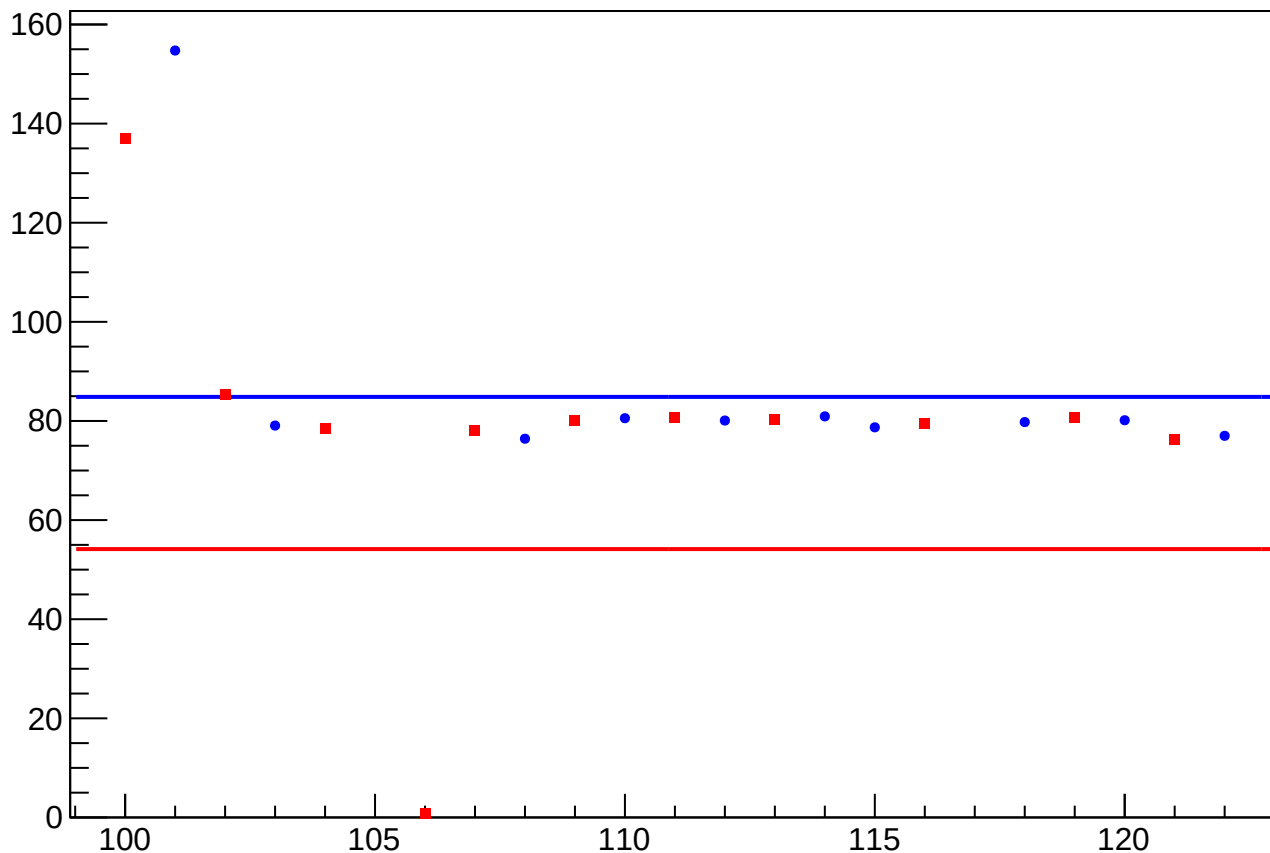
Right: -34.937+/-0.827 χ^2/NDF : 194.5/20

In: -36.677+/-1.207 χ^2/NDF : 72.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.937+/-0.827 χ^2/NDF : 194.5/20

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 84.856+/-0.073 χ^2/NDF : 77605.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.149+/-0.056 χ^2/NDF : 467856.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

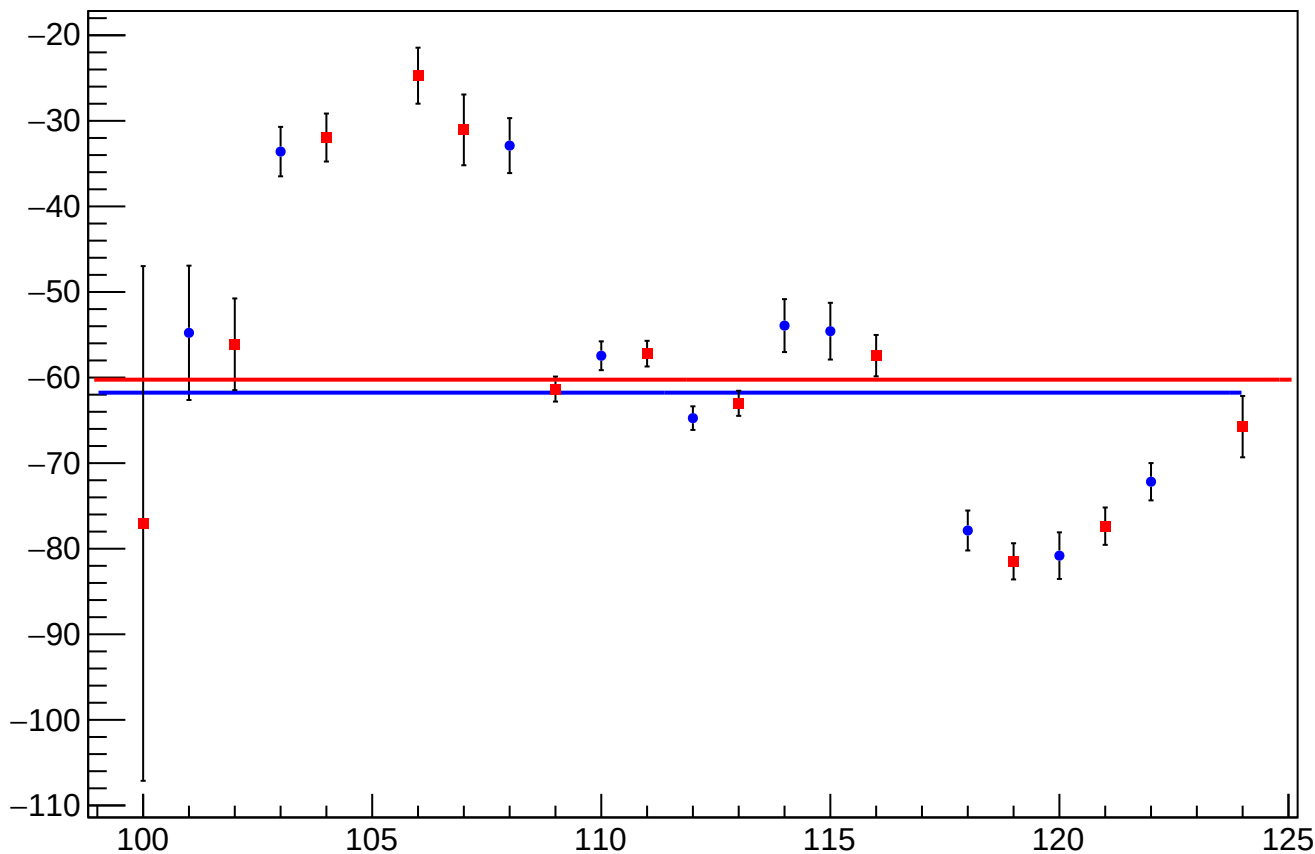
Right: 65.389+/-0.044 χ^2/NDF : 656381.4/20

In: 84.856+/-0.073 χ^2/NDF : 77605.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.389+/-0.044 χ^2/NDF : 656381.4/20

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -61.765+/-0.738 χ^2/NDF : 318.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.245+/-0.649 χ^2/NDF : 444.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

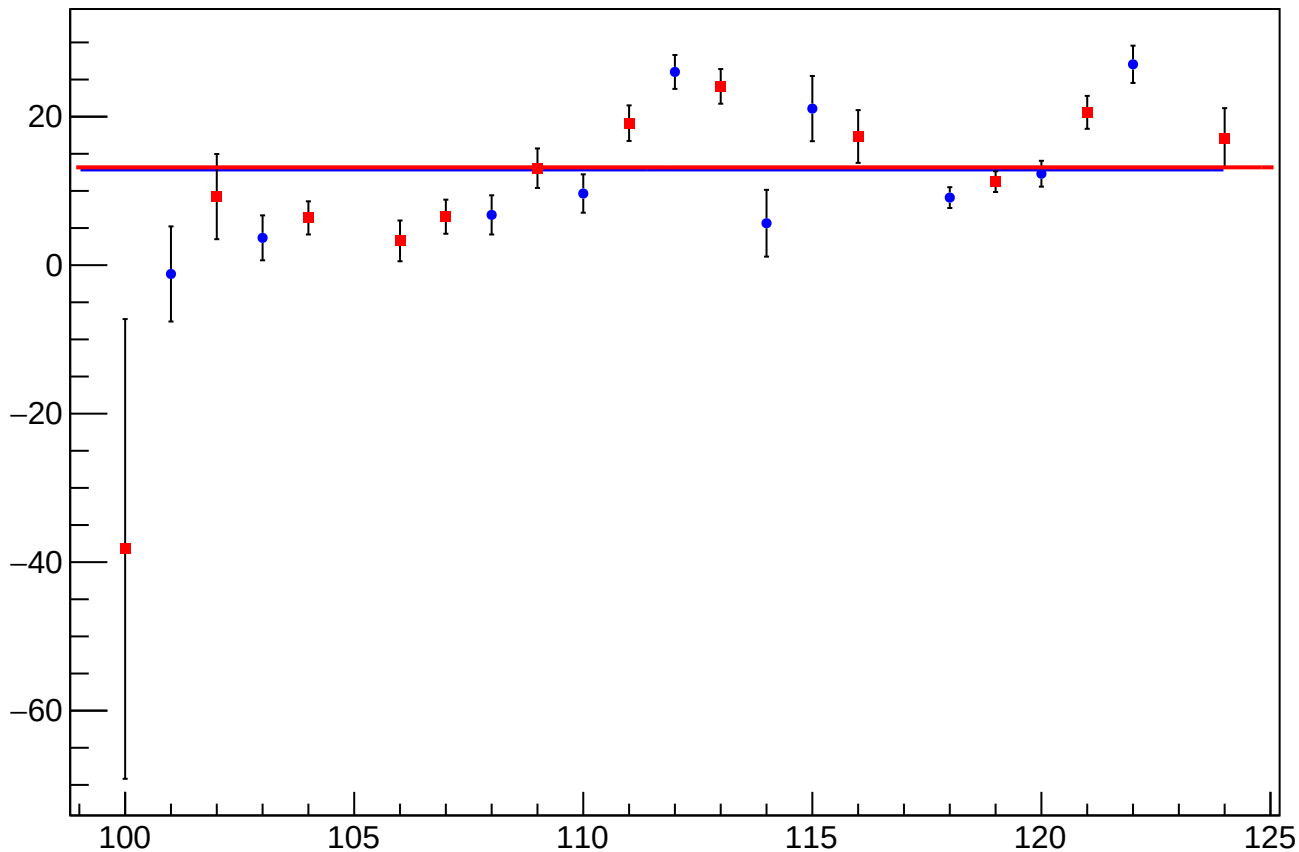
Right: -60.908+/-0.487 χ^2/NDF : 765.4/21

In: -61.765+/-0.738 χ^2/NDF : 318.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.908+/-0.487 χ^2/NDF : 765.4/21

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.893+/-0.763 χ^2 /NDF: 99.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 13.176+/-0.724 χ^2 /NDF: 77.3/11

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

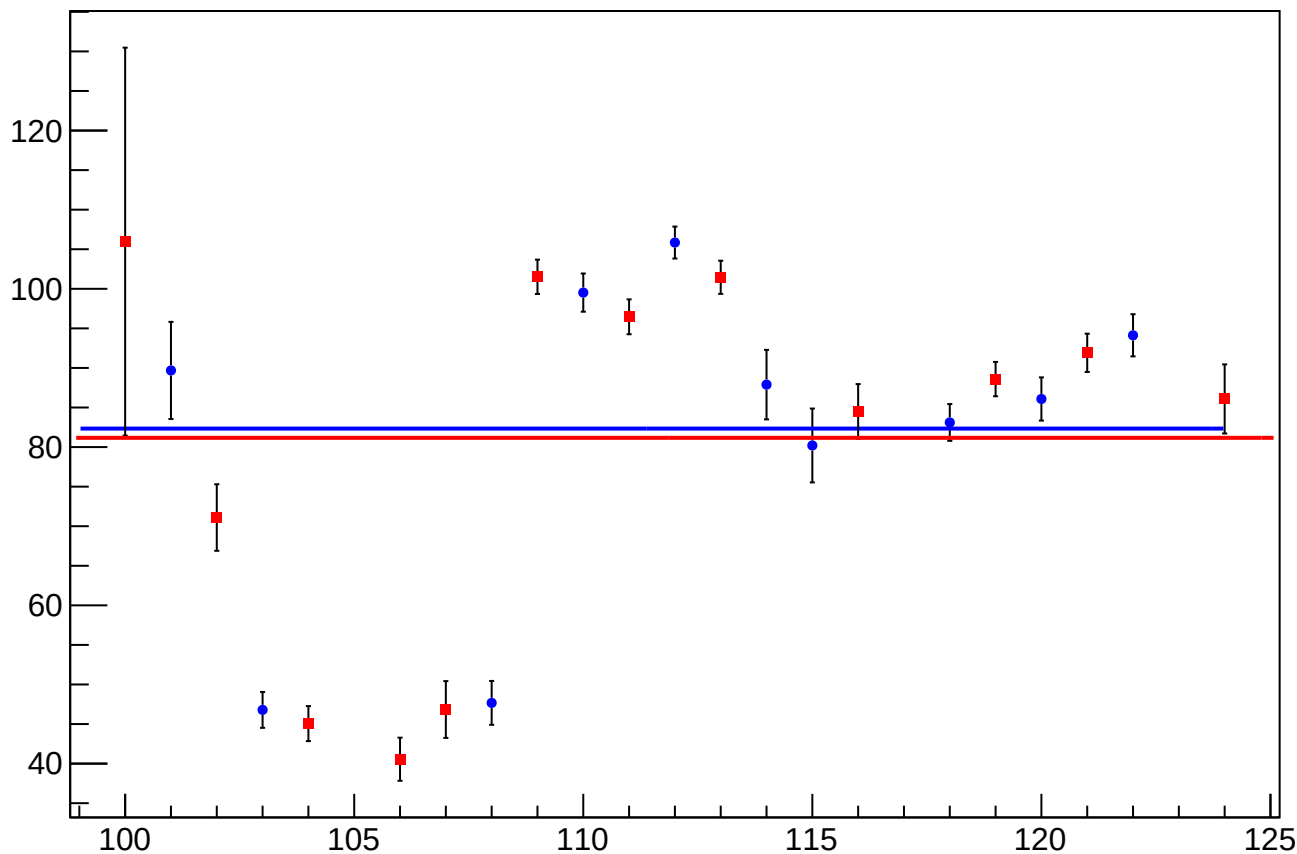
Right: 13.042+/-0.525 χ^2 /NDF: 176.9/21

In: 12.893+/-0.763 χ^2 /NDF: 99.5/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 13.042+/-0.525 χ^2 /NDF: 176.9/21

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 82.339+/-0.868 χ^2/NDF : 613.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.169+/-0.781 χ^2/NDF : 850.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

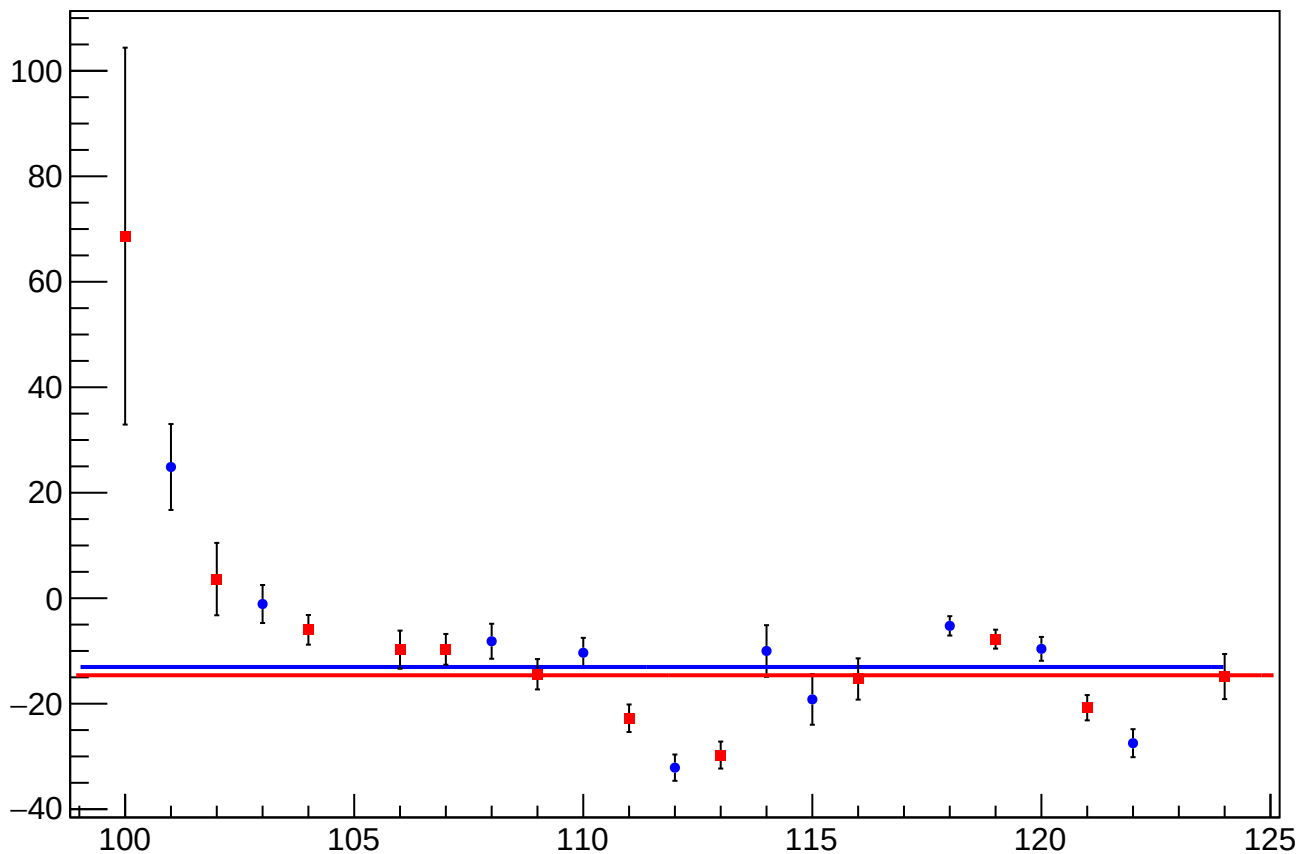
Right: 81.692+/-0.581 χ^2/NDF : 1464.5/21

In: 82.339+/-0.868 χ^2/NDF : 613.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.692+/-0.581 χ^2/NDF : 1464.5/21

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.039 $\pm$ 0.917 χ^2 /NDF: 146.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.610 $\pm$ 0.855 χ^2 /NDF: 92.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

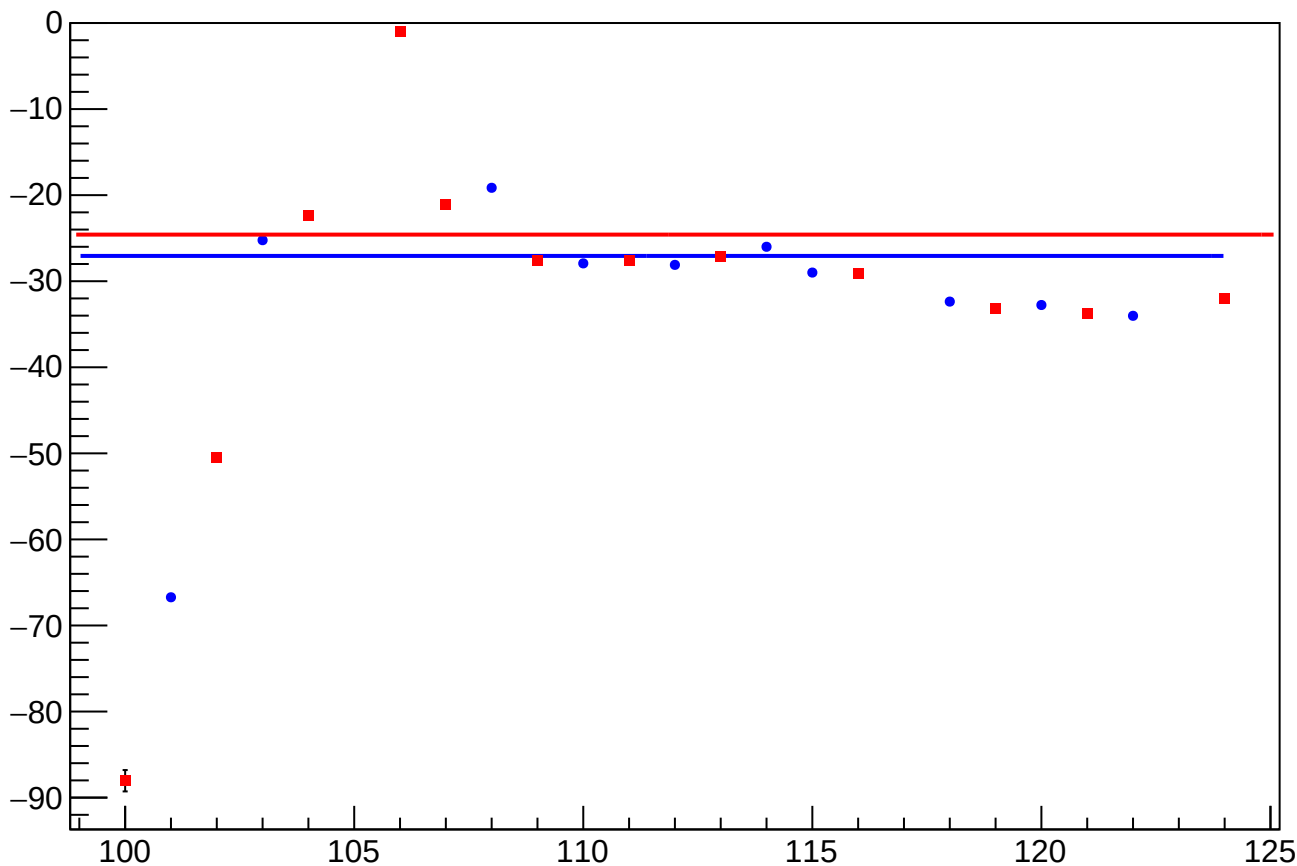
Right: -13.880 $\pm$ 0.625 χ^2 /NDF: 240.5/21

In: -13.039 $\pm$ 0.917 χ^2 /NDF:146.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.880 $\pm$ 0.625 χ^2 /NDF: 240.5/21

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.061+/-0.053 χ^2/NDF : 20040.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.585+/-0.048 χ^2/NDF : 65636.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

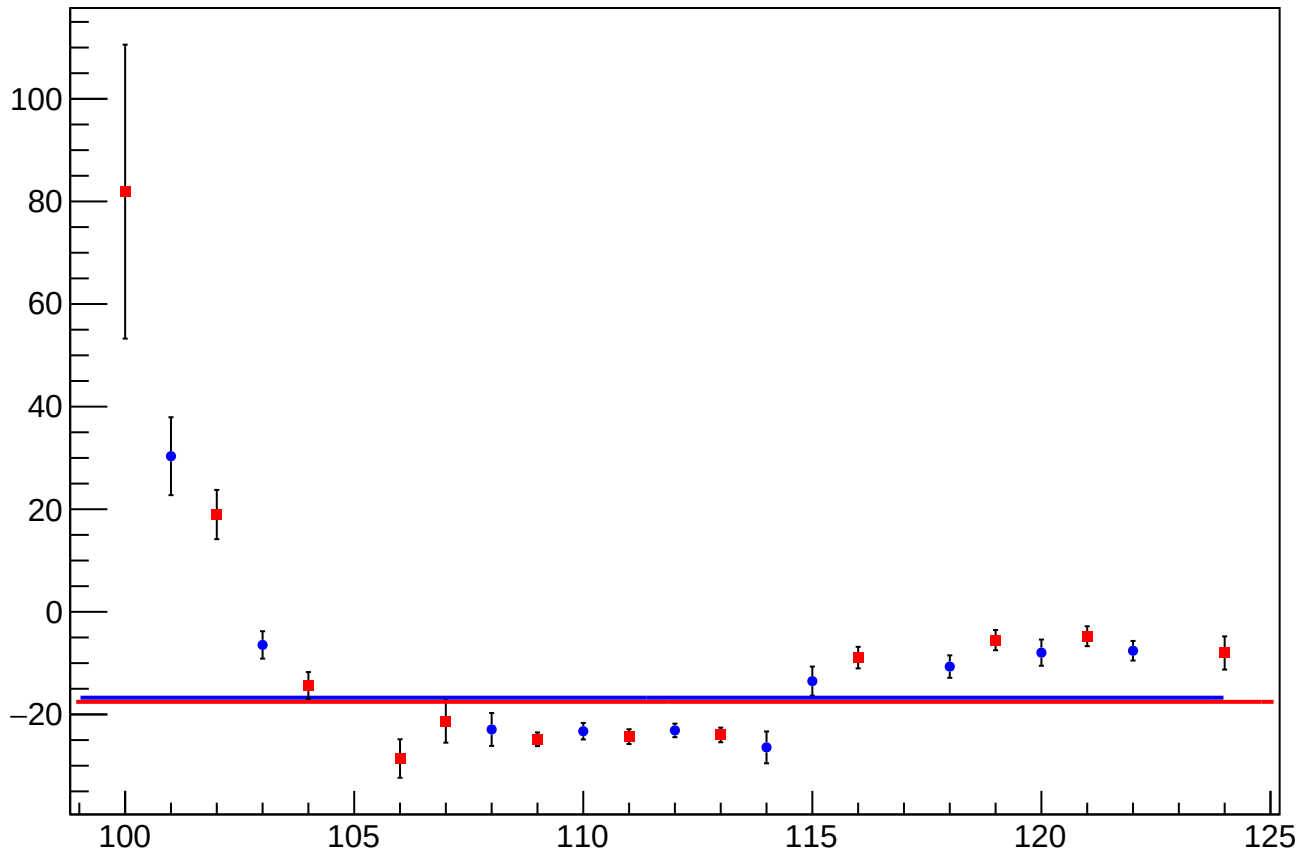
Right: -25.705+/-0.036 χ^2/NDF : 86871.9/21

In: -27.061+/-0.053 χ^2/NDF : 20040.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.705+/-0.036 χ^2/NDF : 86871.9/21

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.739 $\pm$ 0.694 χ^2 /NDF: 150.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.544 $\pm$ 0.609 χ^2 /NDF: 259.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

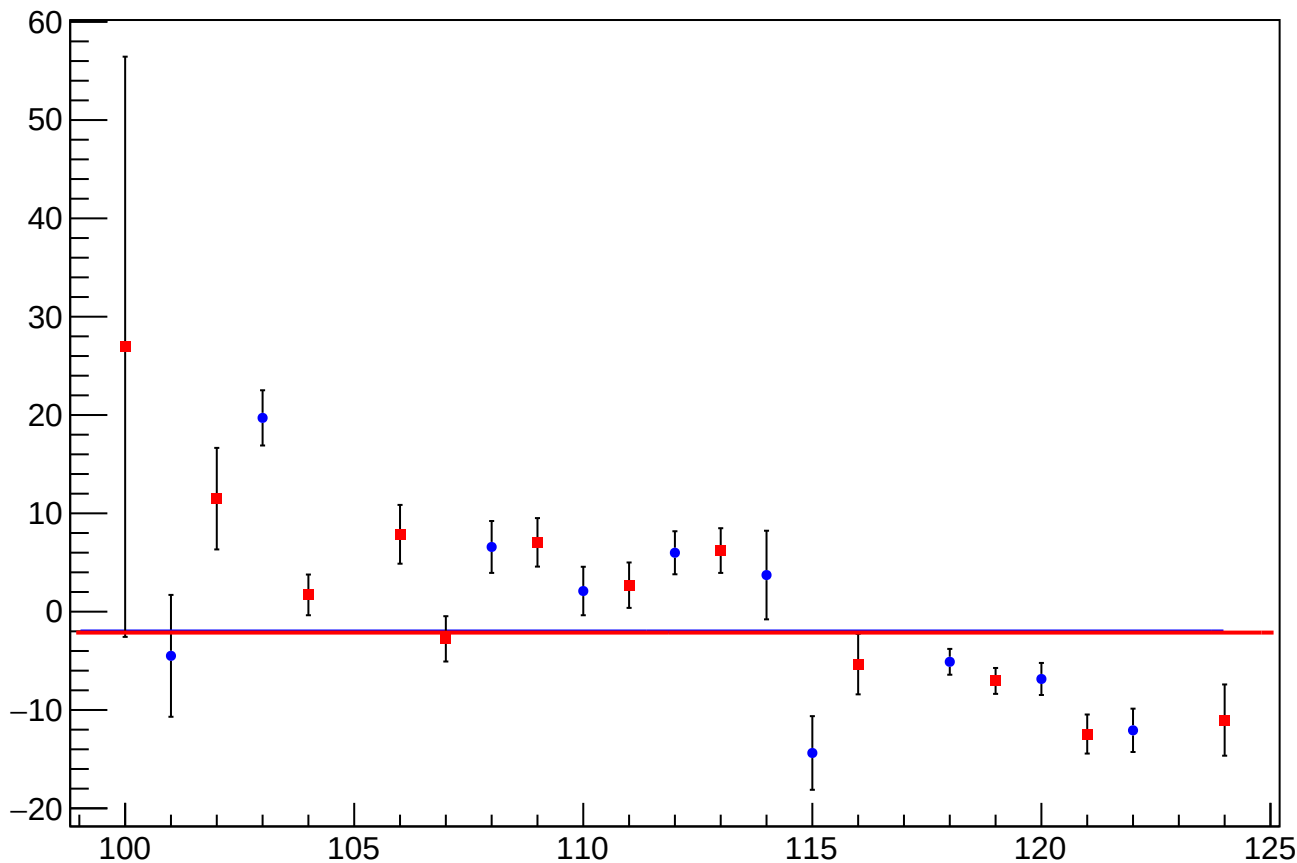
Right: -17.194 $\pm$ 0.458 χ^2 /NDF: 410.7/21

In: -16.739 $\pm$ 0.694 χ^2 /NDF:150.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.194 $\pm$ 0.458 χ^2 /NDF: 410.7/21

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.017+/-0.716 χ^2 /NDF: 134.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.128+/-0.685 χ^2 /NDF: 102.3/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

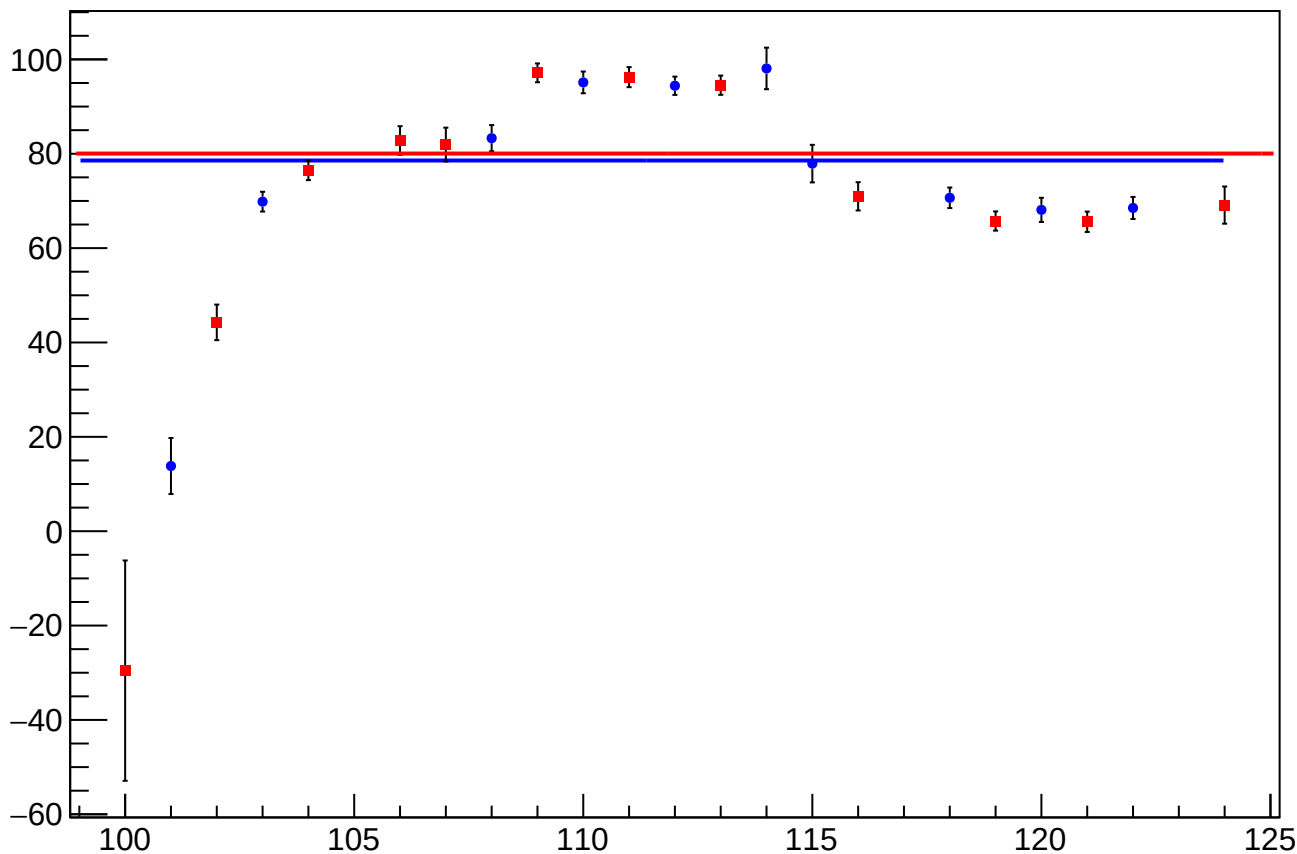
Right: -2.075+/-0.495 χ^2 /NDF: 236.7/21

In: -2.017+/-0.716 χ^2 /NDF:134.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.075+/-0.495 χ^2 /NDF: 236.7/21

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 78.571+/-0.816 χ^2/NDF : 325.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.046+/-0.738 χ^2/NDF : 409.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

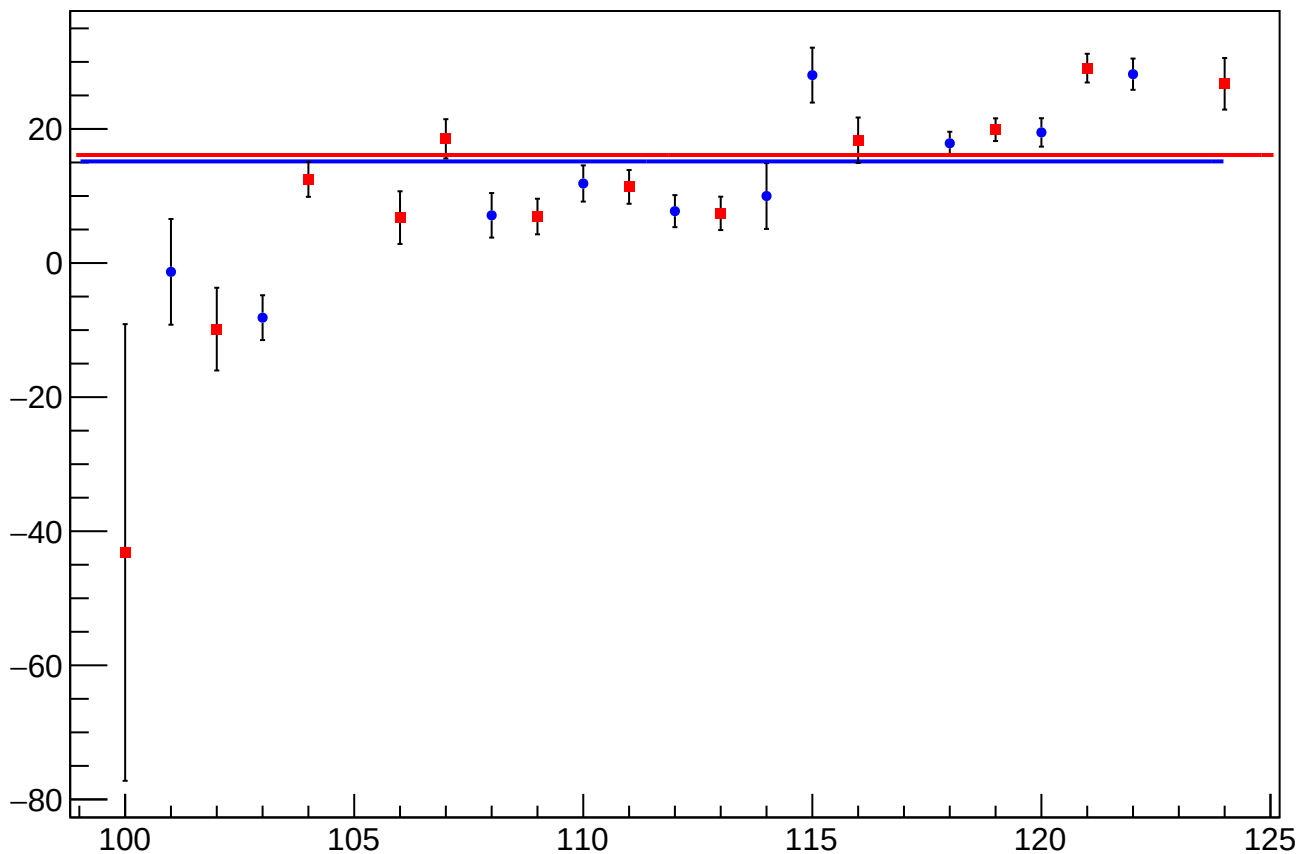
Right: 79.383+/-0.547 χ^2/NDF : 736.5/21

In: 78.571+/-0.816 χ^2/NDF : 325.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.383+/-0.547 χ^2/NDF : 736.5/21

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.159+/-0.859 χ^2 /NDF: 118.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 16.116+/-0.806 χ^2 /NDF: 106.4/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

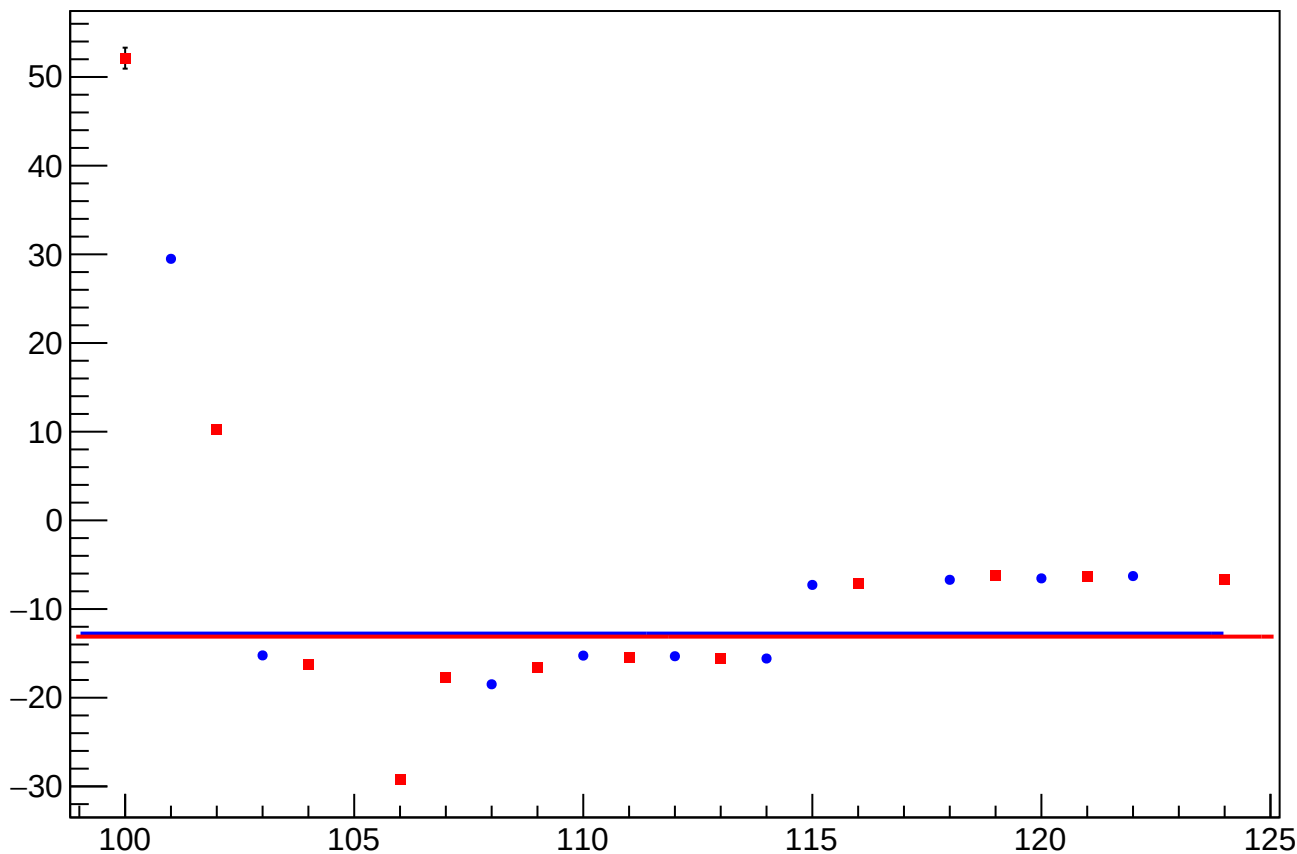
Right: 15.668+/-0.588 χ^2 /NDF: 225.7/21

In: 15.159+/-0.859 χ^2 /NDF:118.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 15.668+/-0.588 χ^2 /NDF: 225.7/21

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.770+/-0.050 χ^2/NDF : 22205.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.111+/-0.047 χ^2/NDF : 43376.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

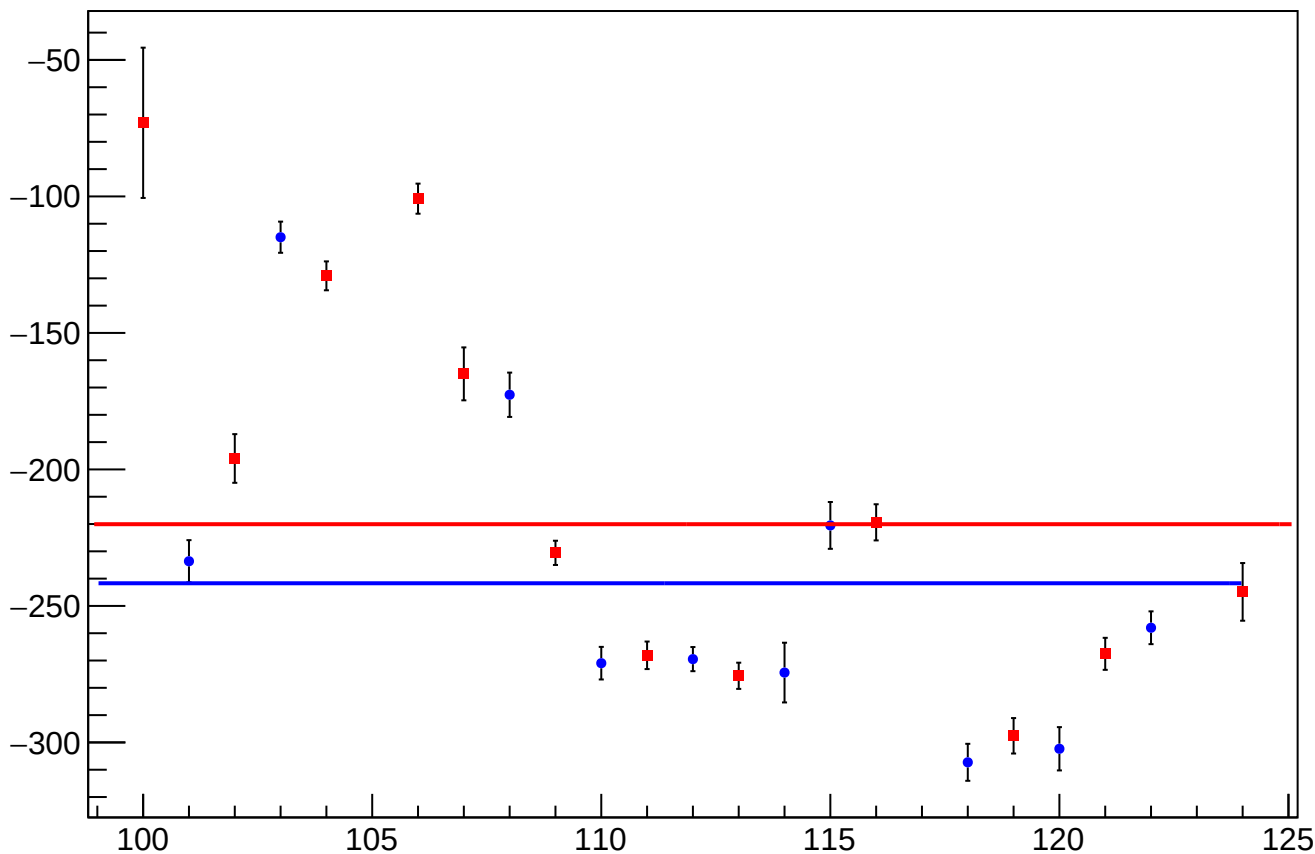
Right: -12.953+/-0.034 χ^2/NDF : 65606.5/21

In: -12.770+/-0.050 χ^2/NDF : 22205.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.953+/-0.034 χ^2/NDF : 65606.5/21

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -241.699+/-2.089 χ^2 /NDF: 804.6/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -220.063+/-1.793 χ^2 /NDF: 1275.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

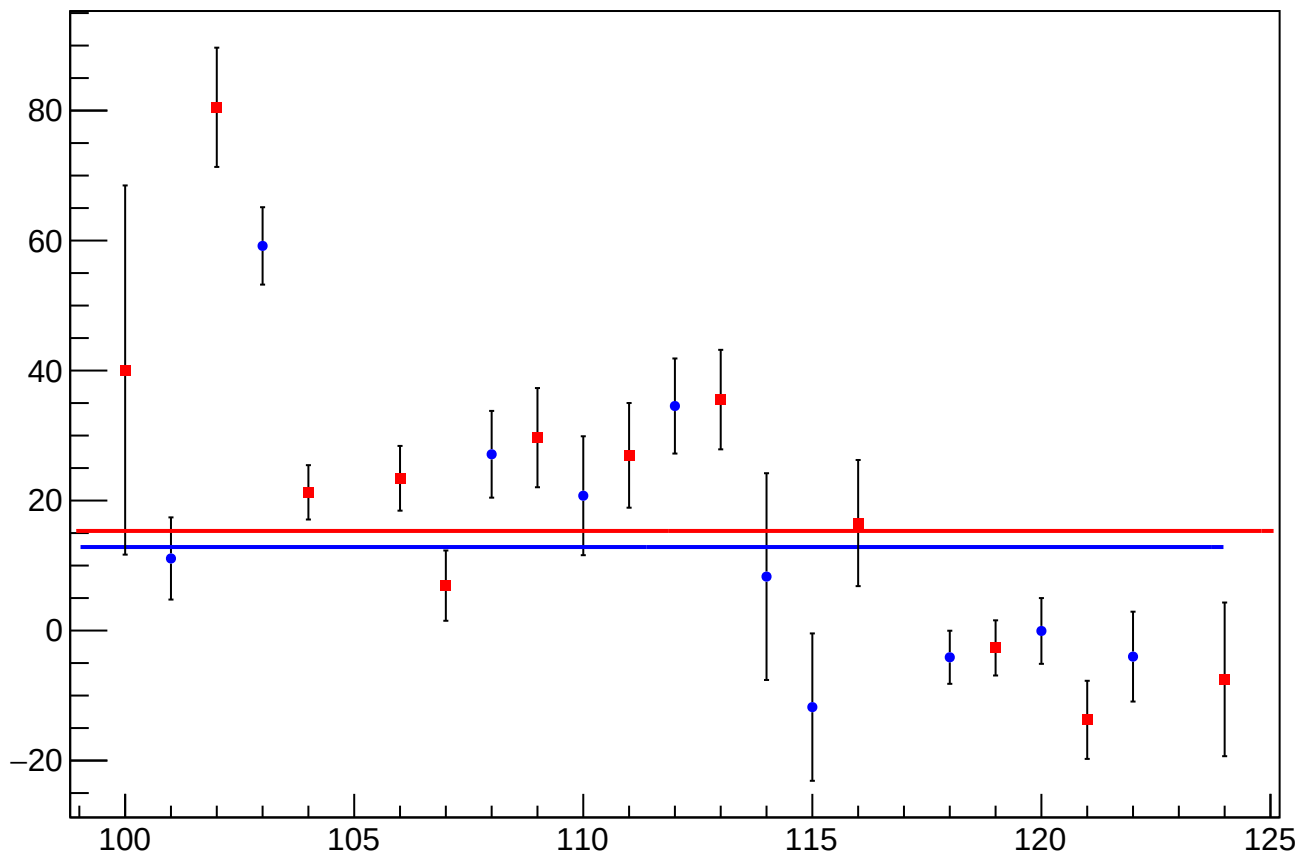
Right: -229.239+/-1.360 χ^2 /NDF: 2142.1/21

In: -241.699+/-2.089 χ^2 /NDF:804.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -229.239+/-1.360 χ^2 /NDF: 2142.1/21

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.850+/-2.050 χ^2/NDF : 109.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.325+/-1.840 χ^2/NDF : 116.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

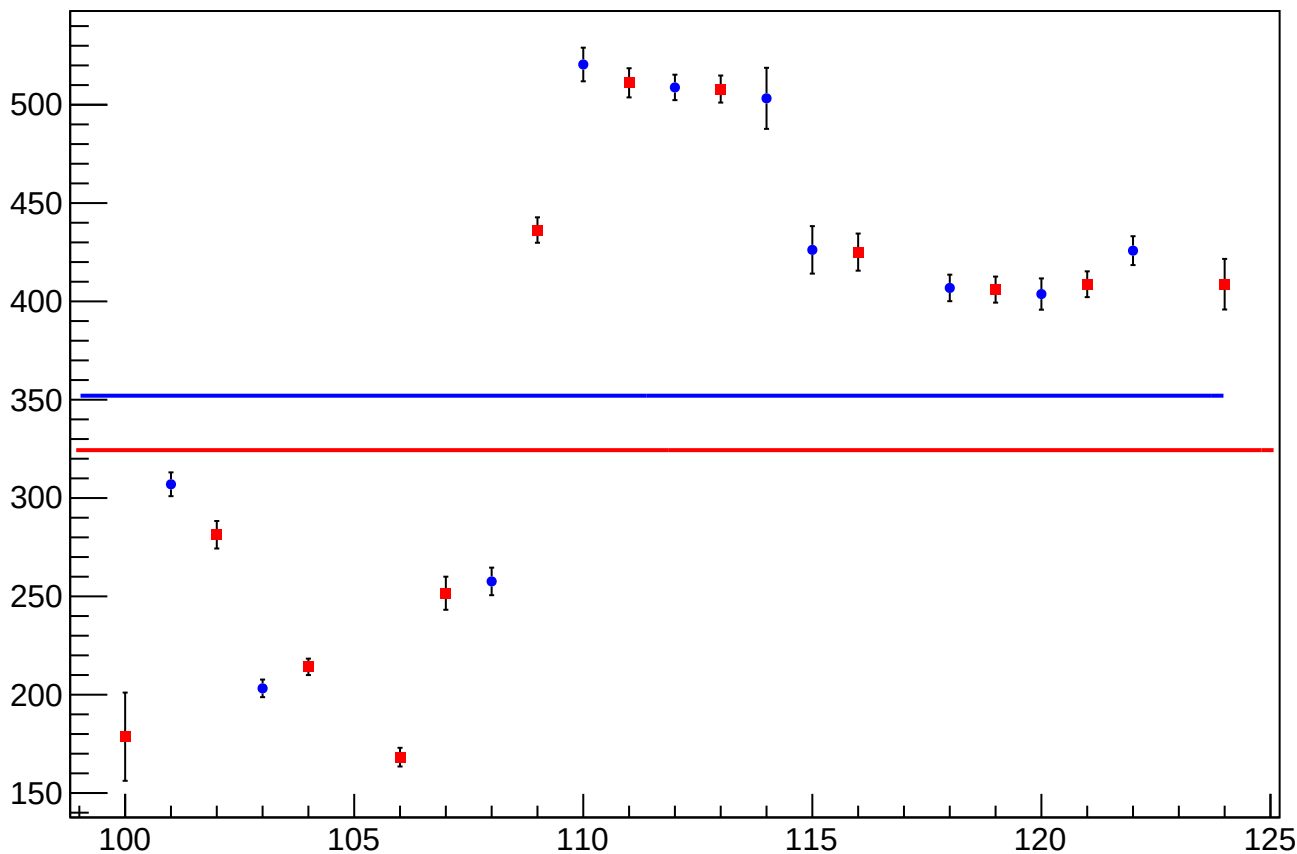
Right: 14.221+/-1.369 χ^2/NDF : 226.1/21

In: 12.850+/-2.050 χ^2/NDF : 109.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.221+/-1.369 χ^2/NDF : 226.1/21

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 352.044+/-2.223 χ^2/NDF : 2656.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 324.355+/-1.944 χ^2/NDF : 4052.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

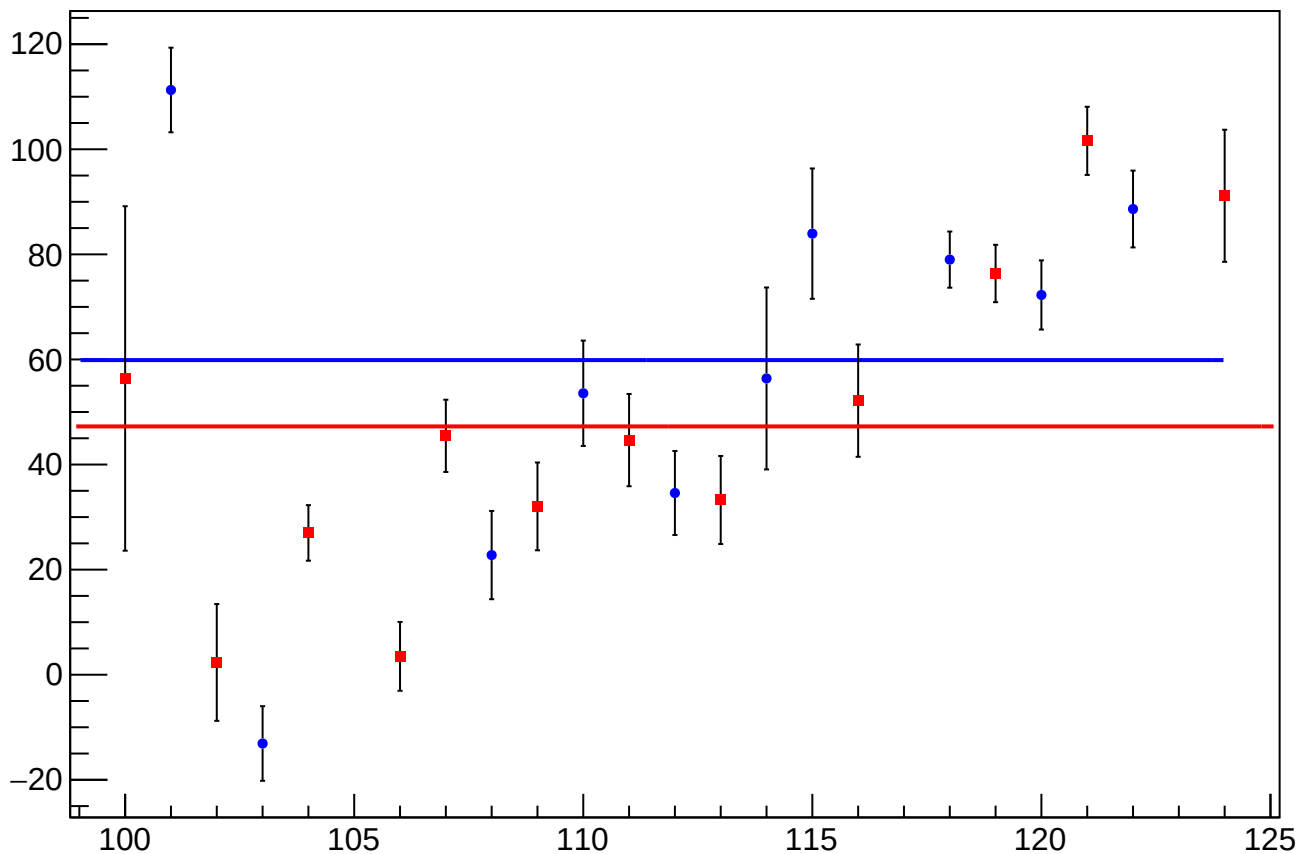
Right: 336.352+/-1.463 χ^2/NDF : 6796.1/21

In: 352.044+/-2.223 χ^2/NDF : 2656.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.352+/-1.463 χ^2/NDF : 6796.1/21

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 59.877+/-2.487 χ^2 /NDF: 211.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 47.258+/-2.218 χ^2 /NDF: 193.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

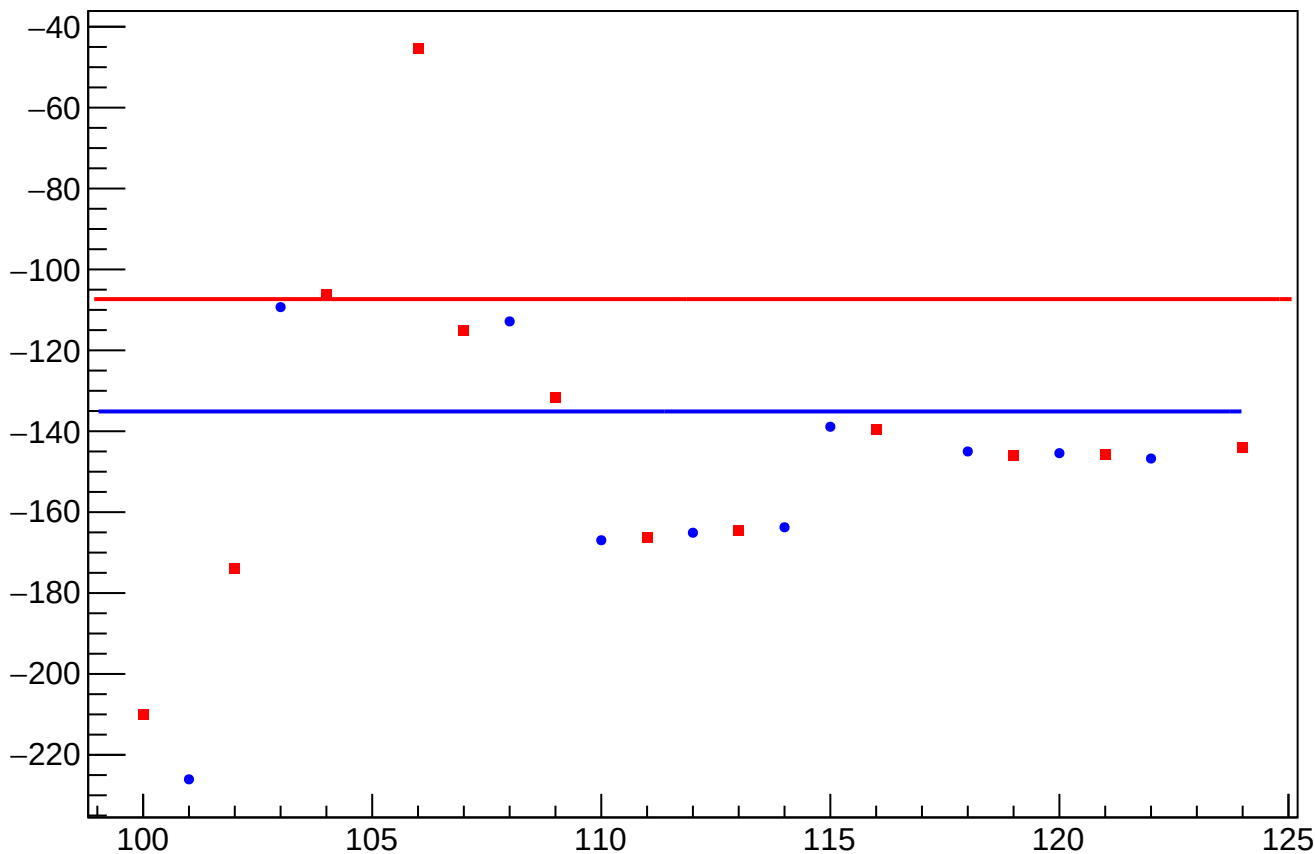
Right: 52.850+/-1.655 χ^2 /NDF: 419.3/21

In: 59.877+/-2.487 χ^2 /NDF:211.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 52.850+/-1.655 χ^2 /NDF: 419.3/21

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -135.106 $\pm$ 0.124 χ^2 /NDF: 95658.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -107.336 $\pm$ 0.103 χ^2 /NDF: 203565.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

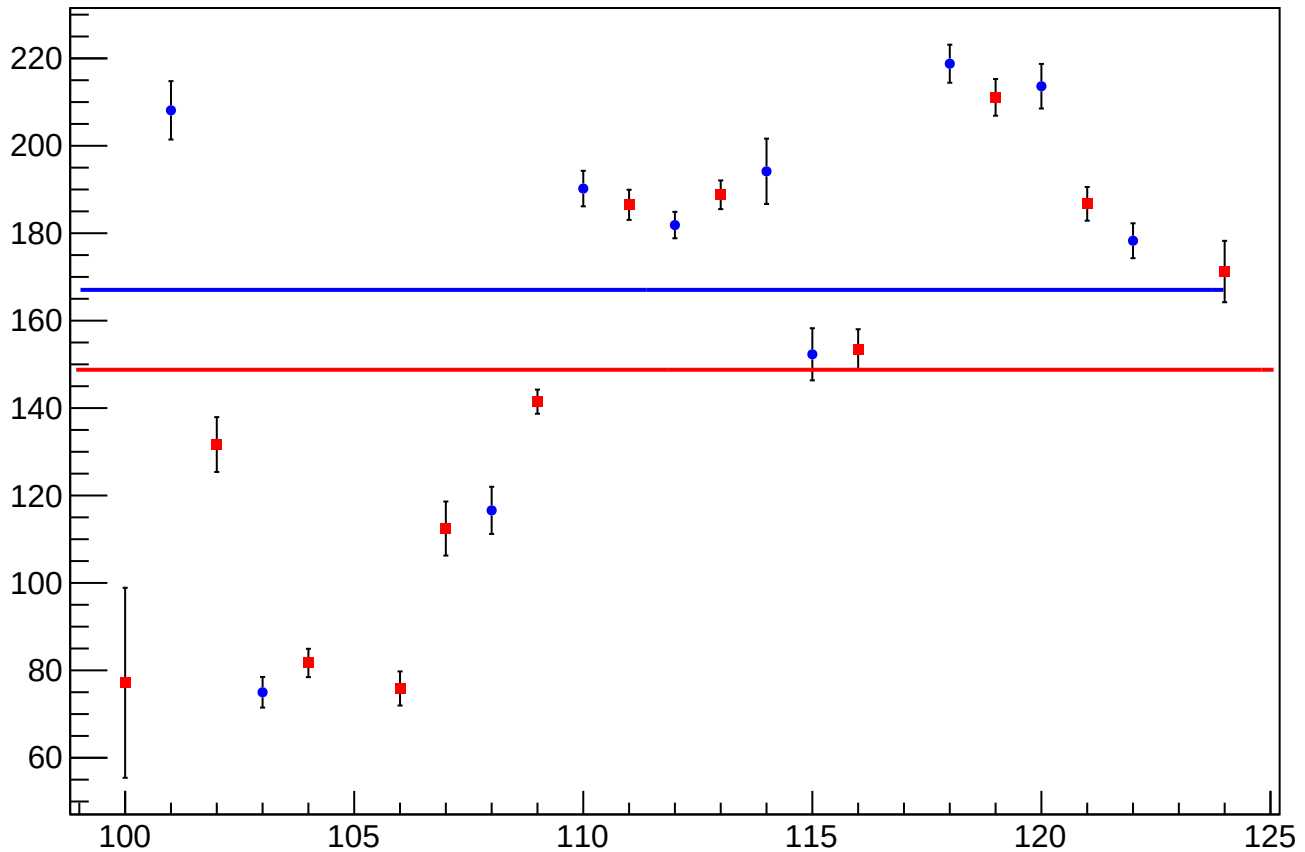
Right: -118.669 $\pm$ 0.079 χ^2 /NDF: 329063.6/21

In: -135.106 $\pm$ 0.124 χ^2 /NDF:95658.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -118.669 $\pm$ 0.079 χ^2 /NDF: 329063.6/21

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 167.043+/-1.403 χ^2/NDF : 1124.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.768+/-1.183 χ^2/NDF : 1434.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

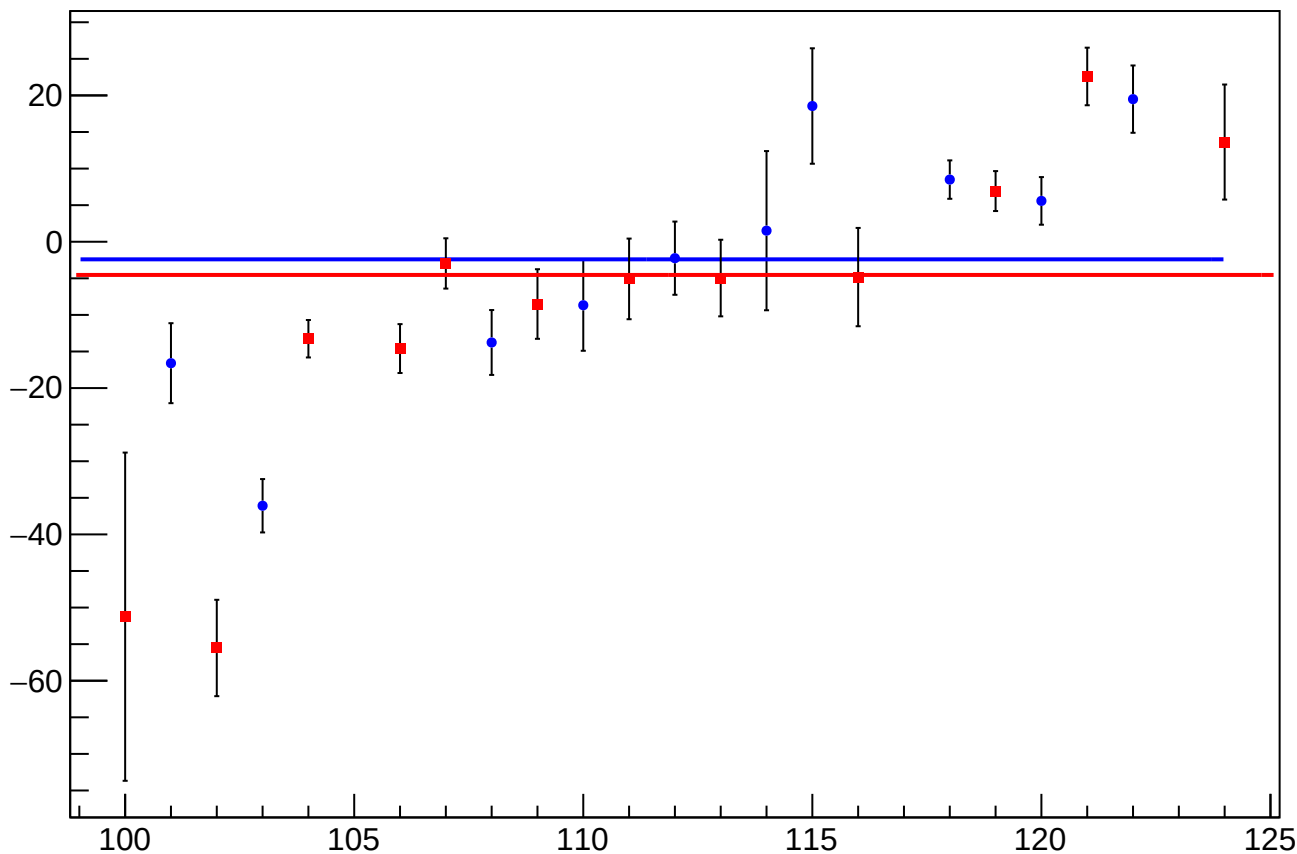
Right: 156.363+/-0.904 χ^2/NDF : 2658.1/21

In: 167.043+/-1.403 χ^2/NDF : 1124.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.363+/-0.904 χ^2/NDF : 2658.1/21

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.405+/-1.365 χ^2 /NDF: 152.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.537+/-1.193 χ^2 /NDF: 156.4/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

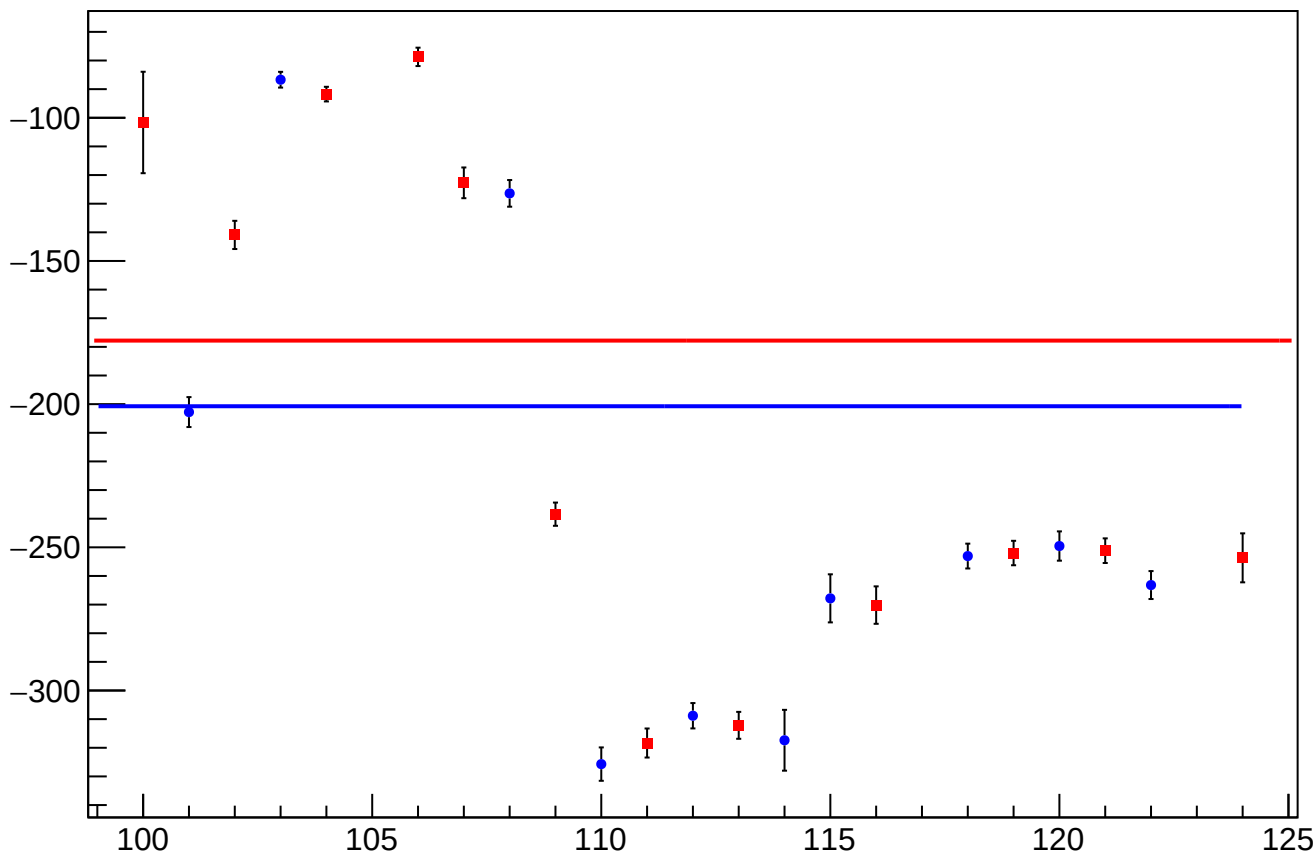
Right: -3.614+/-0.898 χ^2 /NDF: 310.4/21

In: -2.405+/-1.365 χ^2 /NDF:152.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.614+/-0.898 χ^2 /NDF: 310.4/21

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -200.733 ± 1.487 χ^2/NDF : 3616.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -177.808 ± 1.270 χ^2/NDF : 4946.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

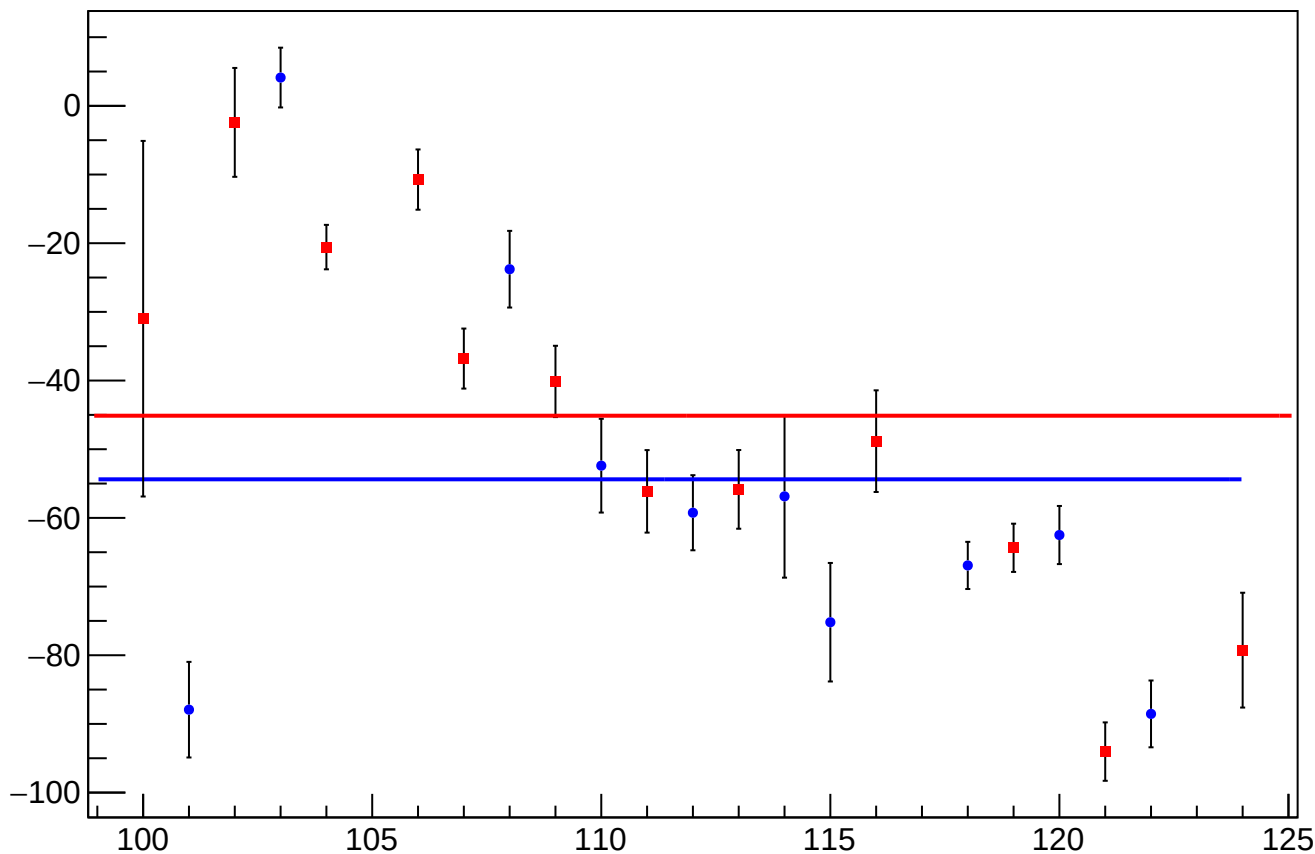
Right: -187.471 ± 0.966 χ^2/NDF : 8700.6/21

In: -200.733 ± 1.487 χ^2/NDF : 3616.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -187.471 ± 0.966 χ^2/NDF : 8700.6/21

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -54.383 ± 1.658 χ^2/NDF : 307.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -45.121 ± 1.441 χ^2/NDF : 338.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

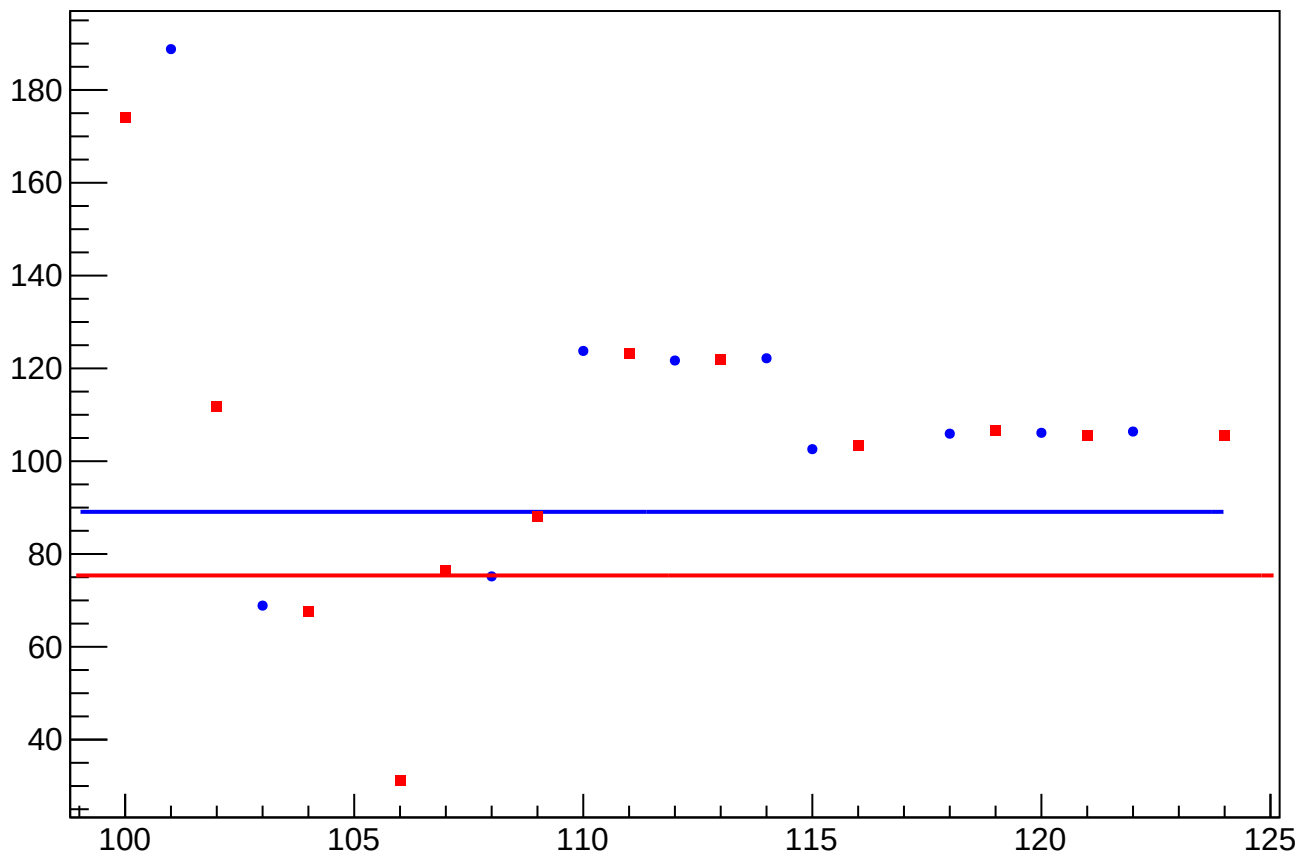
Right: -49.109 ± 1.088 χ^2/NDF : 663.7/21

In: -54.383 ± 1.658 χ^2/NDF : 307.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.109 ± 1.088 χ^2/NDF : 663.7/21

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 89.086 $\pm$ 0.081 χ^2 /NDF: 160944.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 75.378 $\pm$ 0.070 χ^2 /NDF: 187289.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

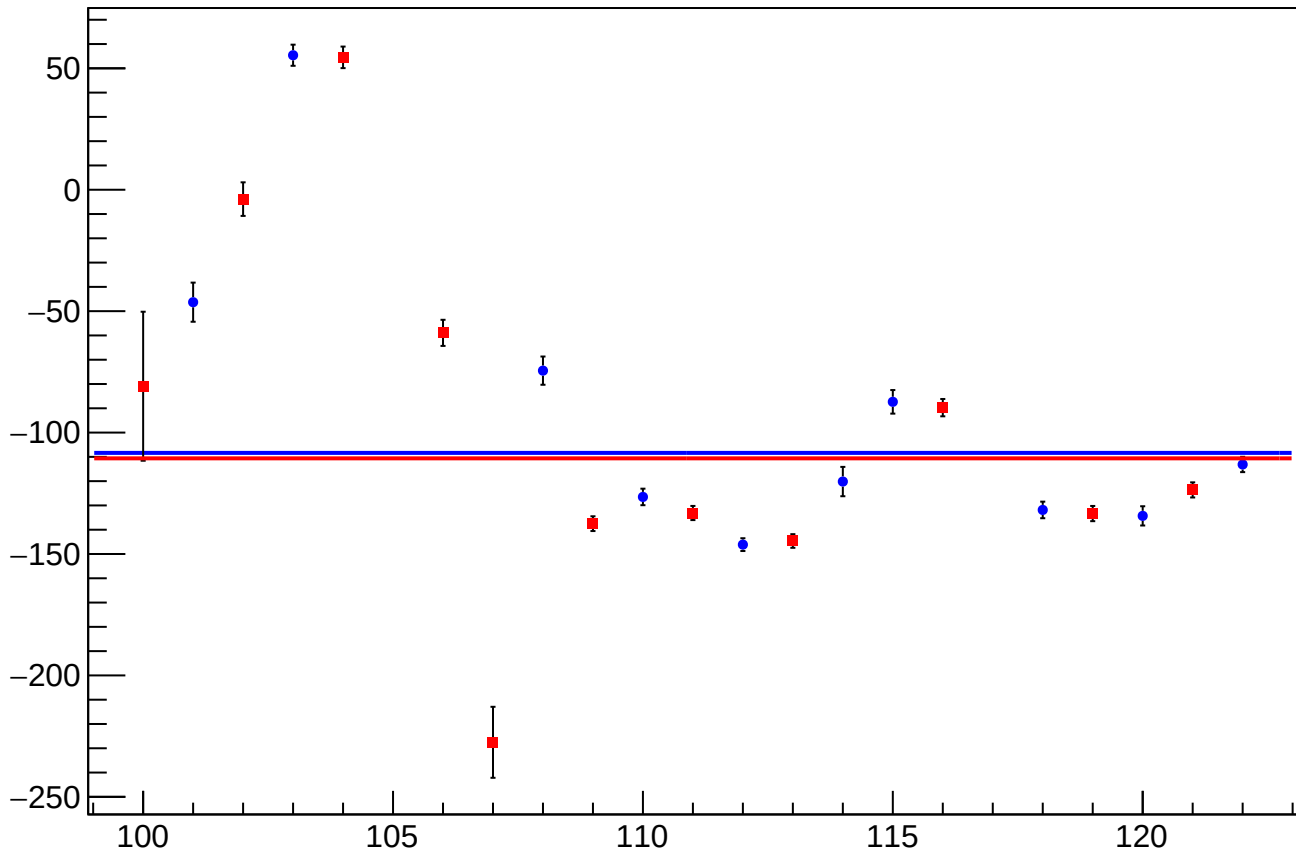
Right: 81.201 $\pm$ 0.053 χ^2 /NDF: 364650.6/21

In: 89.086 $\pm$ 0.081 χ^2 /NDF:160944.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 81.201 $\pm$ 0.053 χ^2 /NDF: 364650.6/21

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -108.363+/-1.241 χ^2 /NDF: 1859.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -110.613+/-1.156 χ^2 /NDF: 2171.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

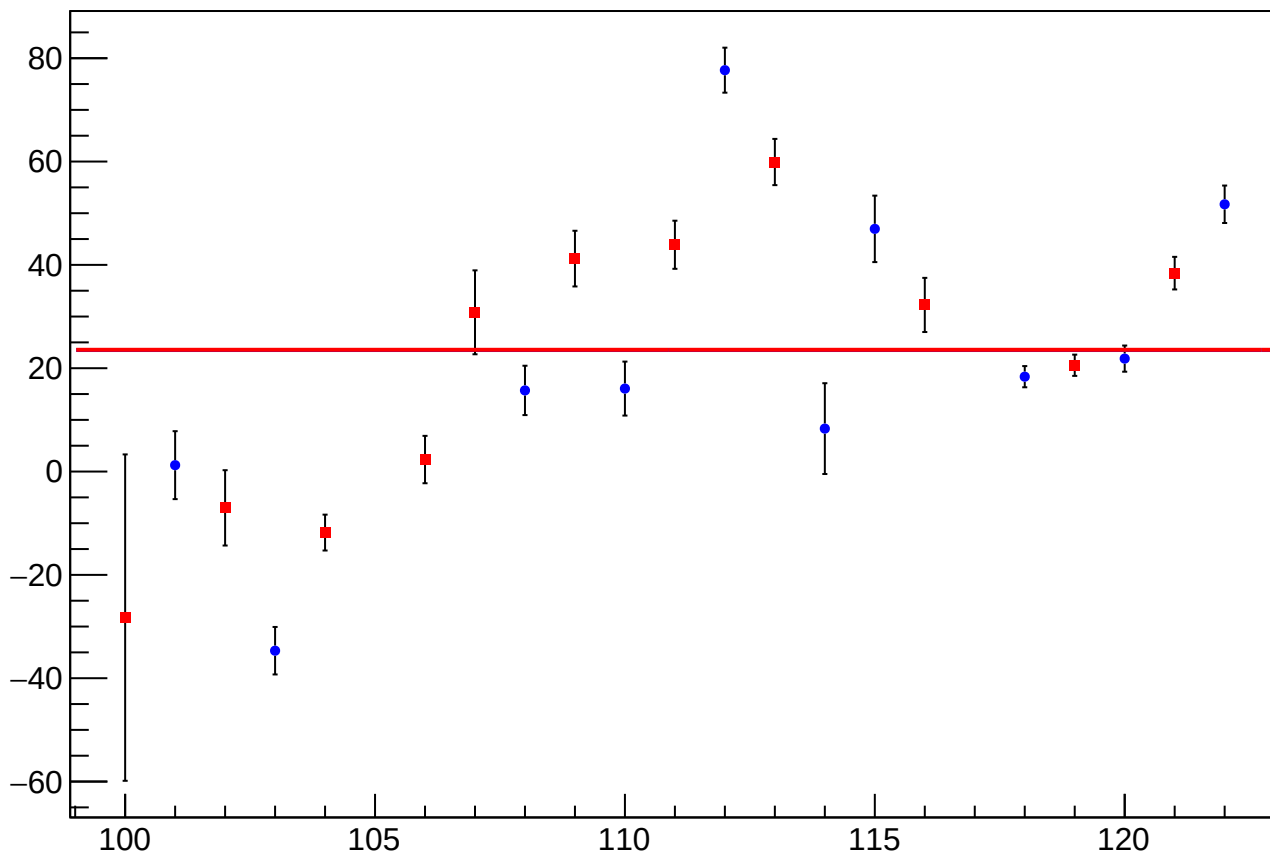
Right: -109.569+/-0.846 χ^2 /NDF: 4032.8/20

In: -108.363+/-1.241 χ^2 /NDF:1859.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -109.569+/-0.846 χ^2 /NDF: 4032.8/20

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 23.522+/-1.186 χ^2/NDF : 414.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.564+/-1.222 χ^2/NDF : 269.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

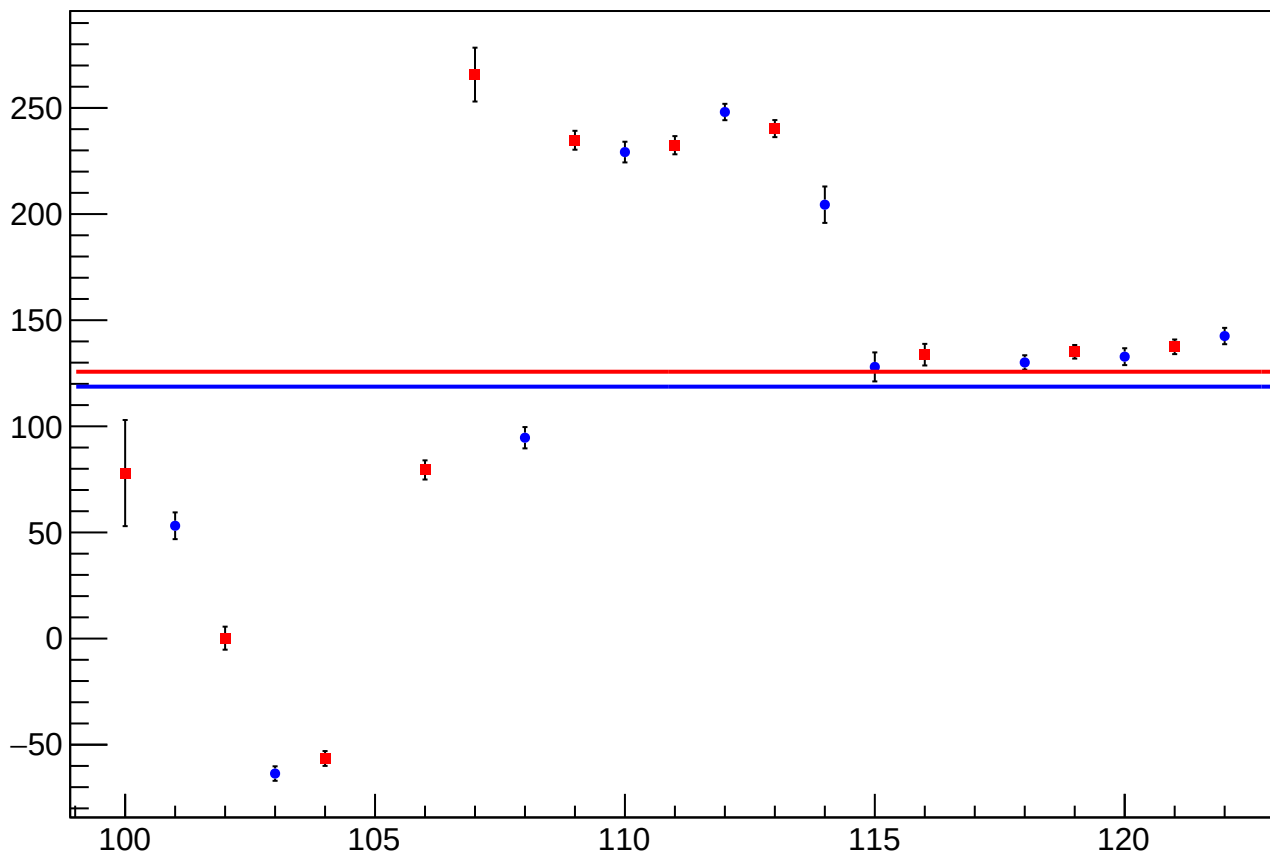
Right: 23.542+/-0.851 χ^2/NDF : 684.0/20

In: 23.522+/-1.186 χ^2/NDF : 414.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.542+/-0.851 χ^2/NDF : 684.0/20

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 118.692+/-1.397 χ^2/NDF : 4784.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 125.723+/-1.336 χ^2/NDF : 5536.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

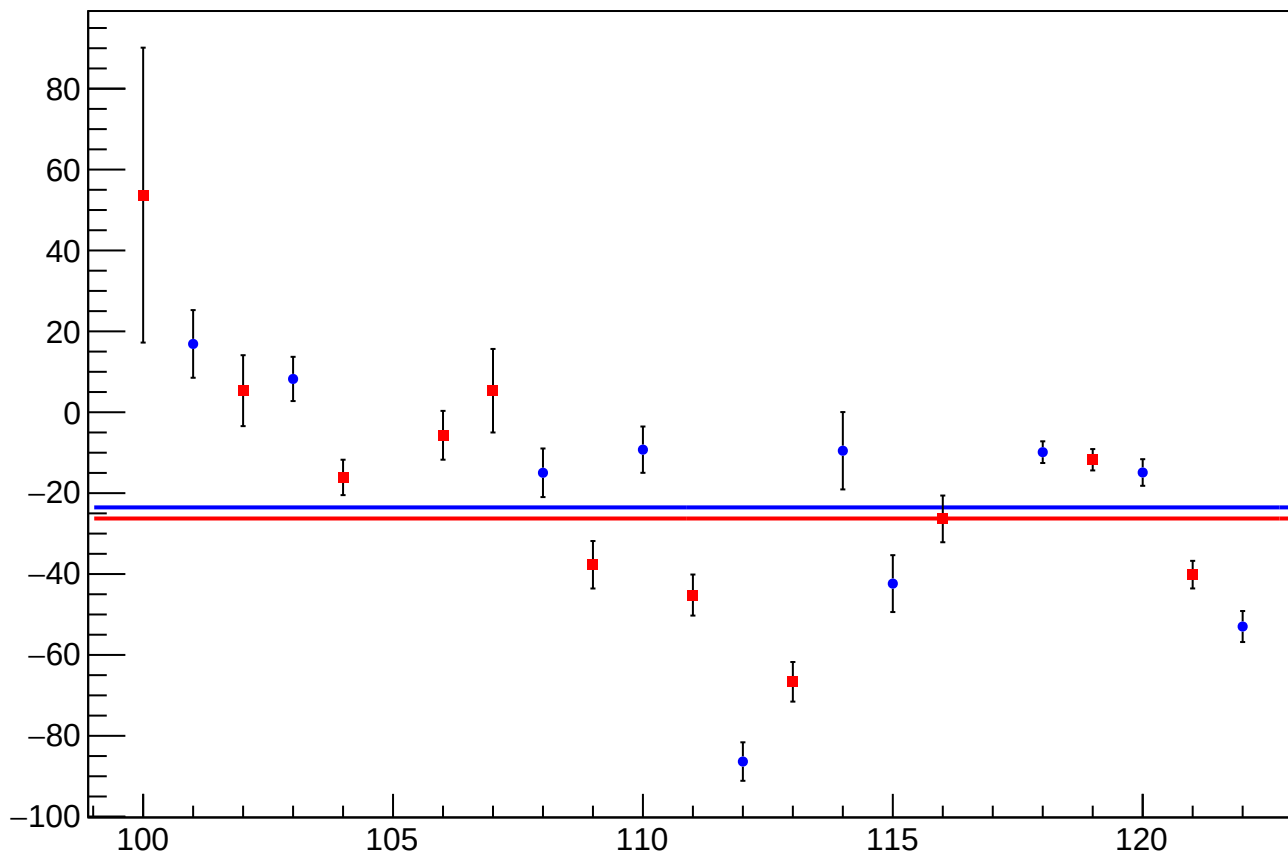
Right: 122.363+/-0.966 χ^2/NDF : 10333.6/20

In: 118.692+/-1.397 χ^2/NDF :4784.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 122.363+/-0.966 χ^2/NDF : 10333.6/20

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -23.523+/-1.442 χ^2/NDF : 340.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -26.269+/-1.456 χ^2/NDF : 176.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

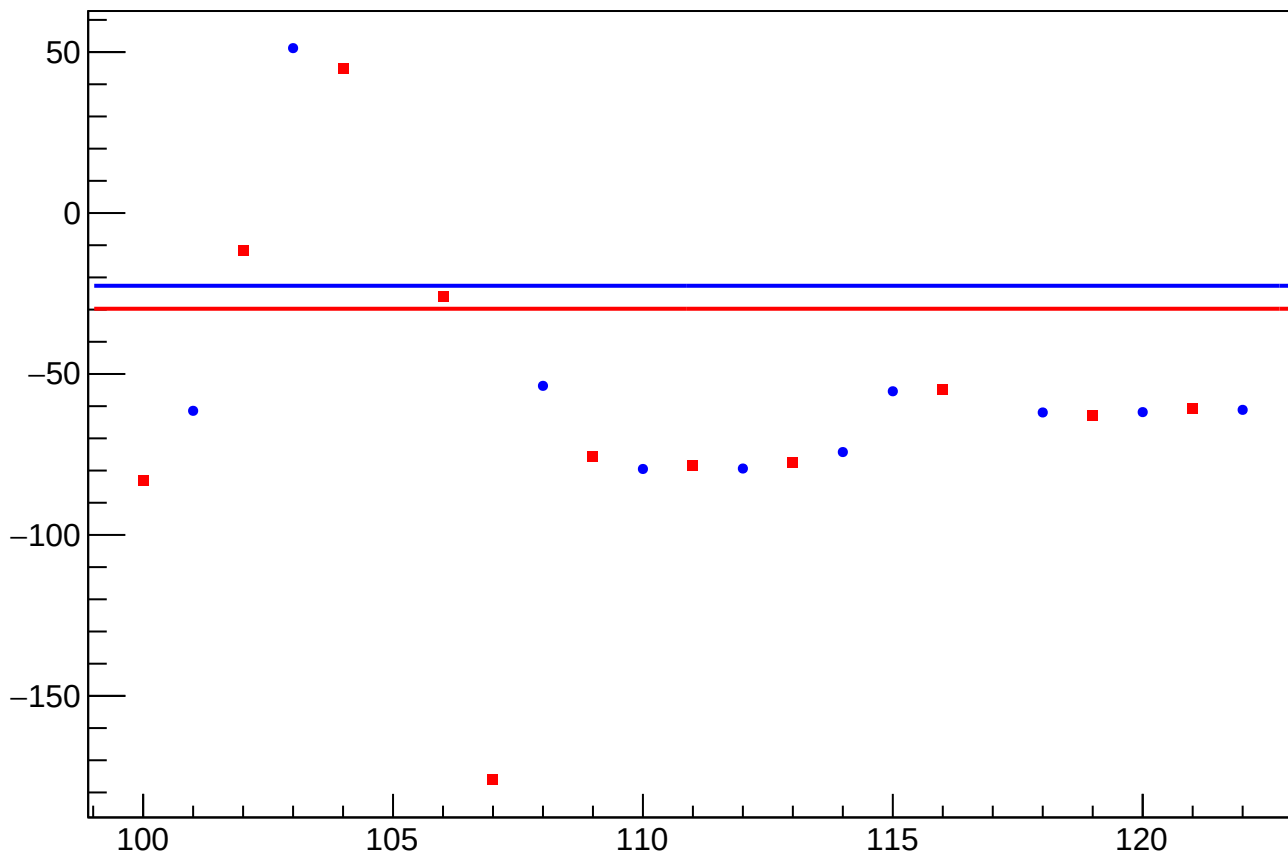
Right: -24.883+/-1.025 χ^2/NDF : 519.3/20

In: -23.523+/-1.442 χ^2/NDF :340.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -24.883+/-1.025 χ^2/NDF : 519.3/20

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -22.597+/-0.085 χ^2/NDF : 423798.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.735+/-0.082 χ^2/NDF : 388900.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

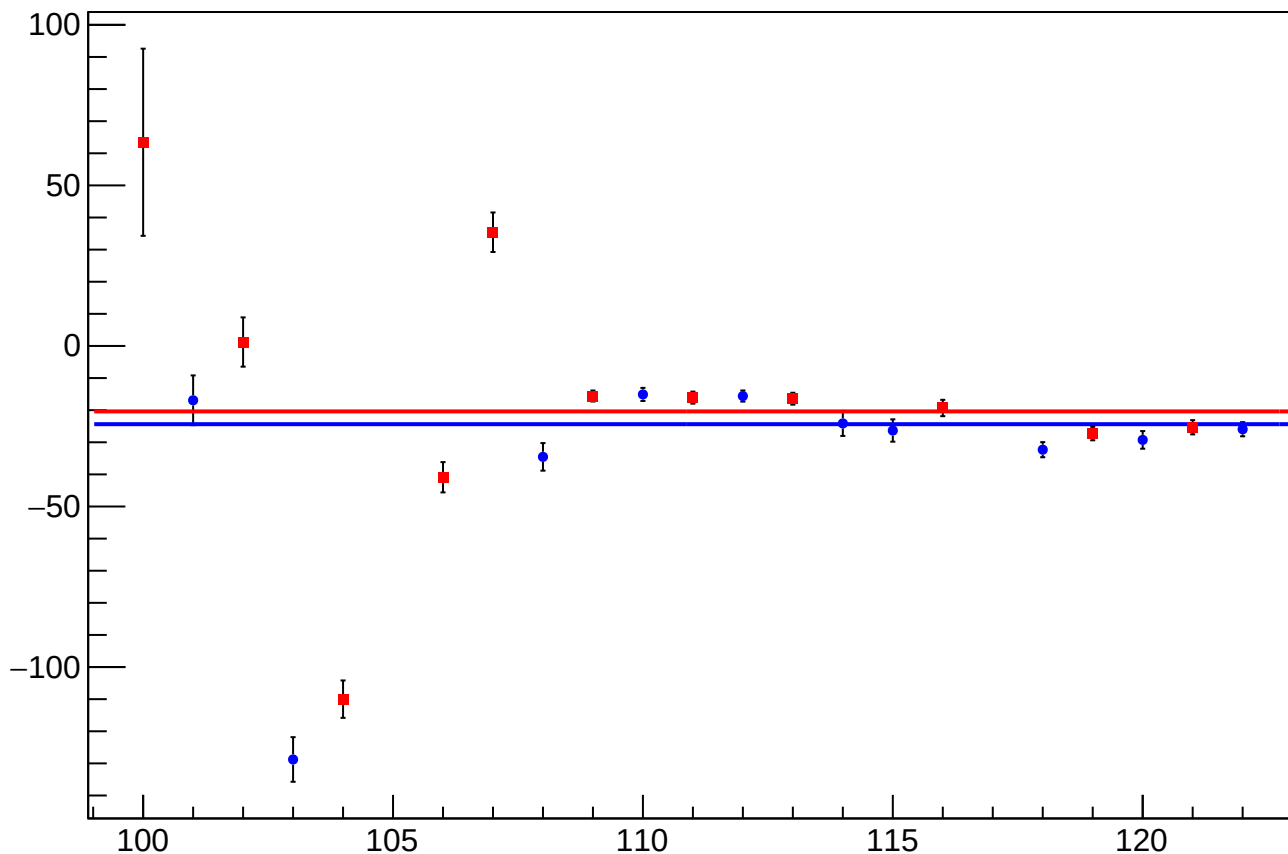
Right: -26.267+/-0.059 χ^2/NDF : 816360.5/20

In: -22.597+/-0.085 χ^2/NDF : 423798.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.267+/-0.059 χ^2/NDF : 816360.5/20

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.363+/-0.867 χ^2/NDF : 293.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.388+/-0.786 χ^2/NDF : 387.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

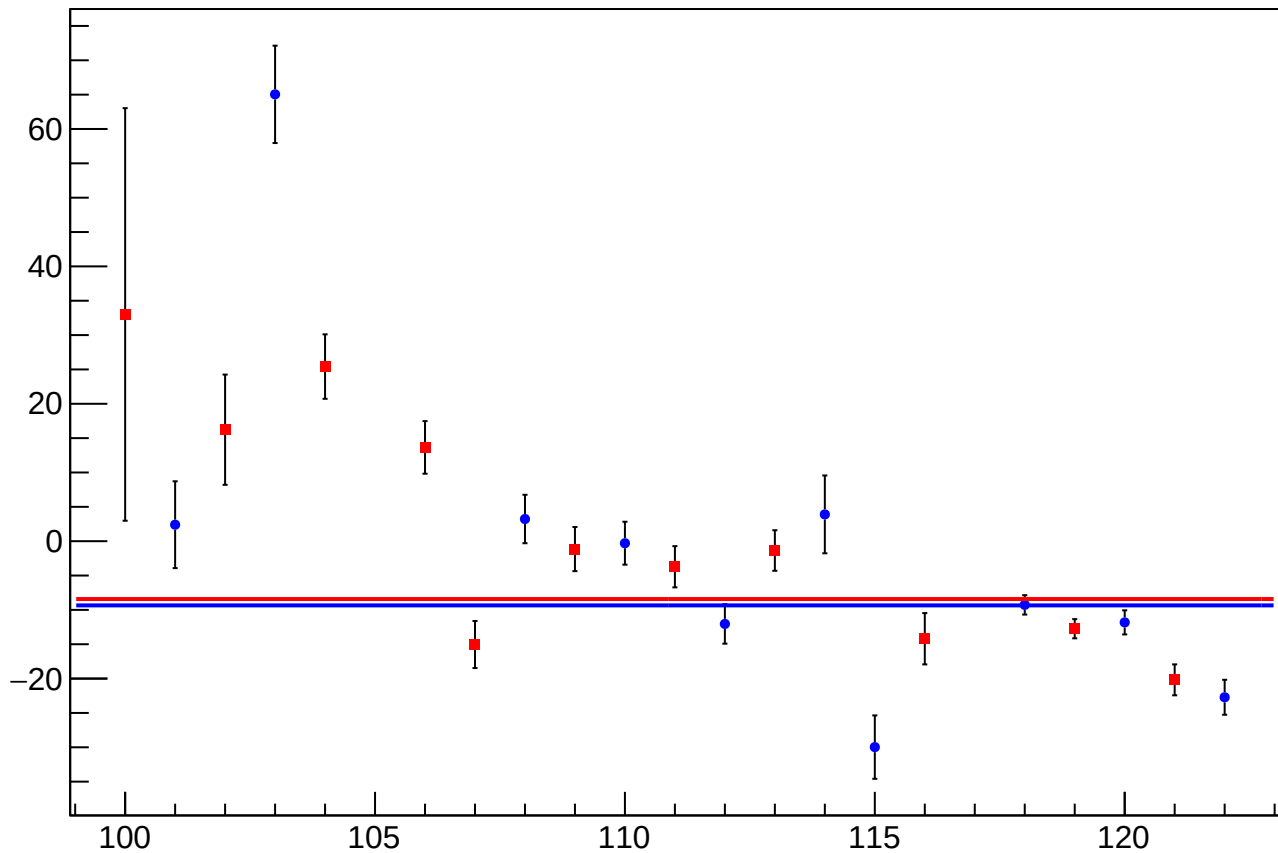
Right: -22.182+/-0.582 χ^2/NDF : 693.0/20

In: -24.363+/-0.867 χ^2/NDF : 293.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.182+/-0.582 χ^2/NDF : 693.0/20

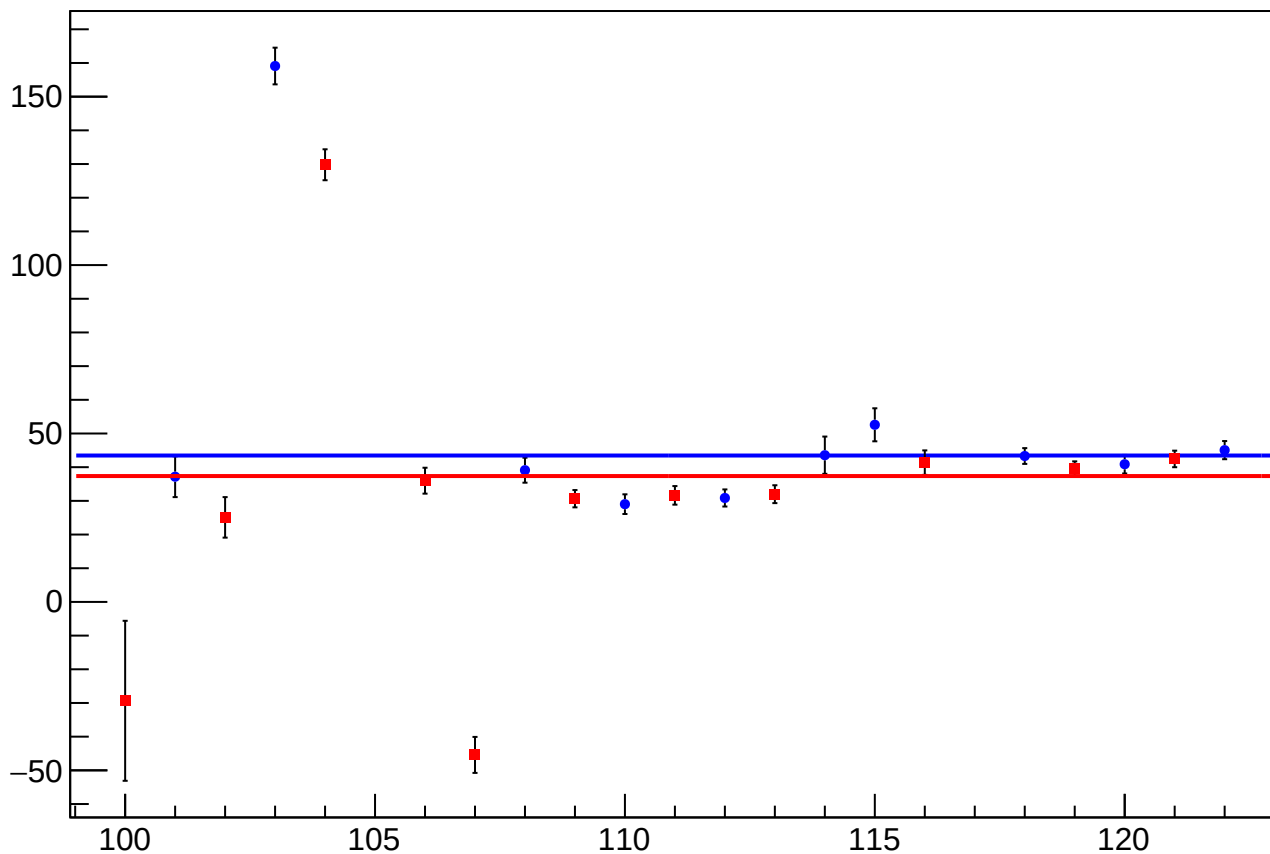
reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.345+/-0.843 χ^2/NDF : 190.7/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -8.419+/-0.871 χ^2/NDF : 152.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -8.898+/-0.605 χ^2/NDF : 344.1/20
 In: -9.345+/-0.843 χ^2/NDF : 190.7/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -8.898+/-0.605 χ^2/NDF : 344.1/20

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.463+/-1.036 χ^2/NDF : 507.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.368+/-0.972 χ^2/NDF : 678.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

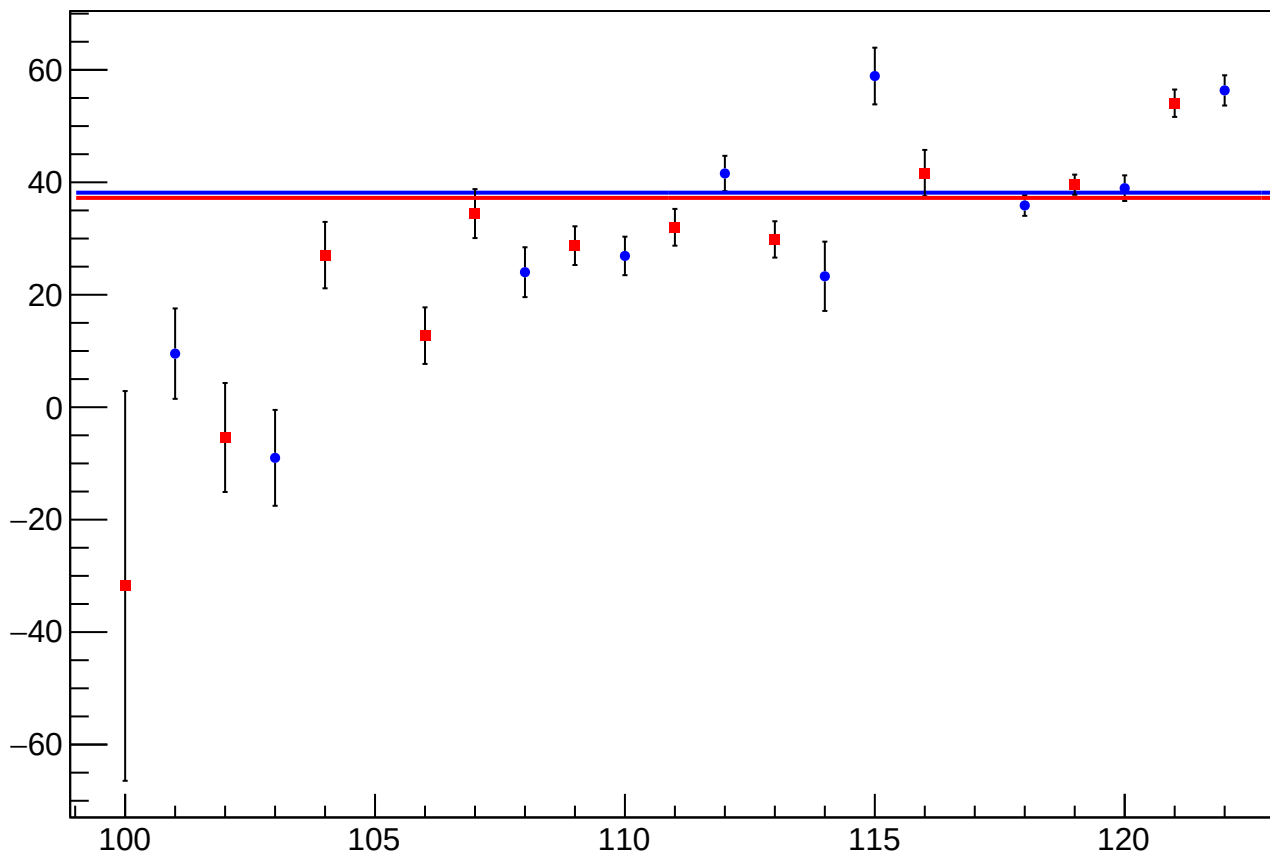
Right: 40.220+/-0.709 χ^2/NDF : 1204.3/20

In: 43.463+/-1.036 χ^2/NDF : 507.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.220+/-0.709 χ^2/NDF : 1204.3/20

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.158+/-1.022 χ^2/NDF : 135.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.229+/-1.029 χ^2/NDF : 115.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

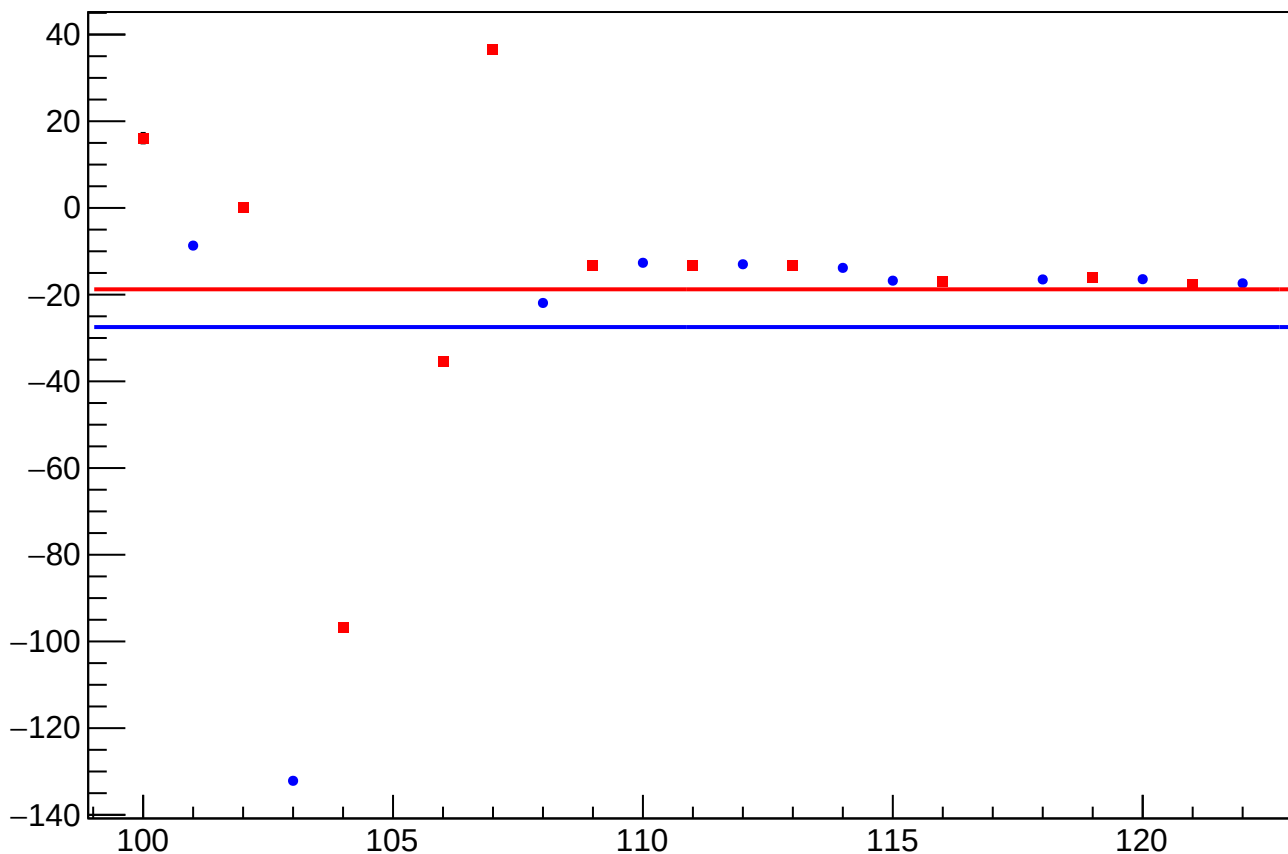
Right: 37.697+/-0.725 χ^2/NDF : 250.9/20

In: 38.158+/-1.022 χ^2/NDF : 135.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.697+/-0.725 χ^2/NDF : 250.9/20

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.479+/-0.071 χ^2/NDF : 229454.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.772+/-0.066 χ^2/NDF : 203270.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

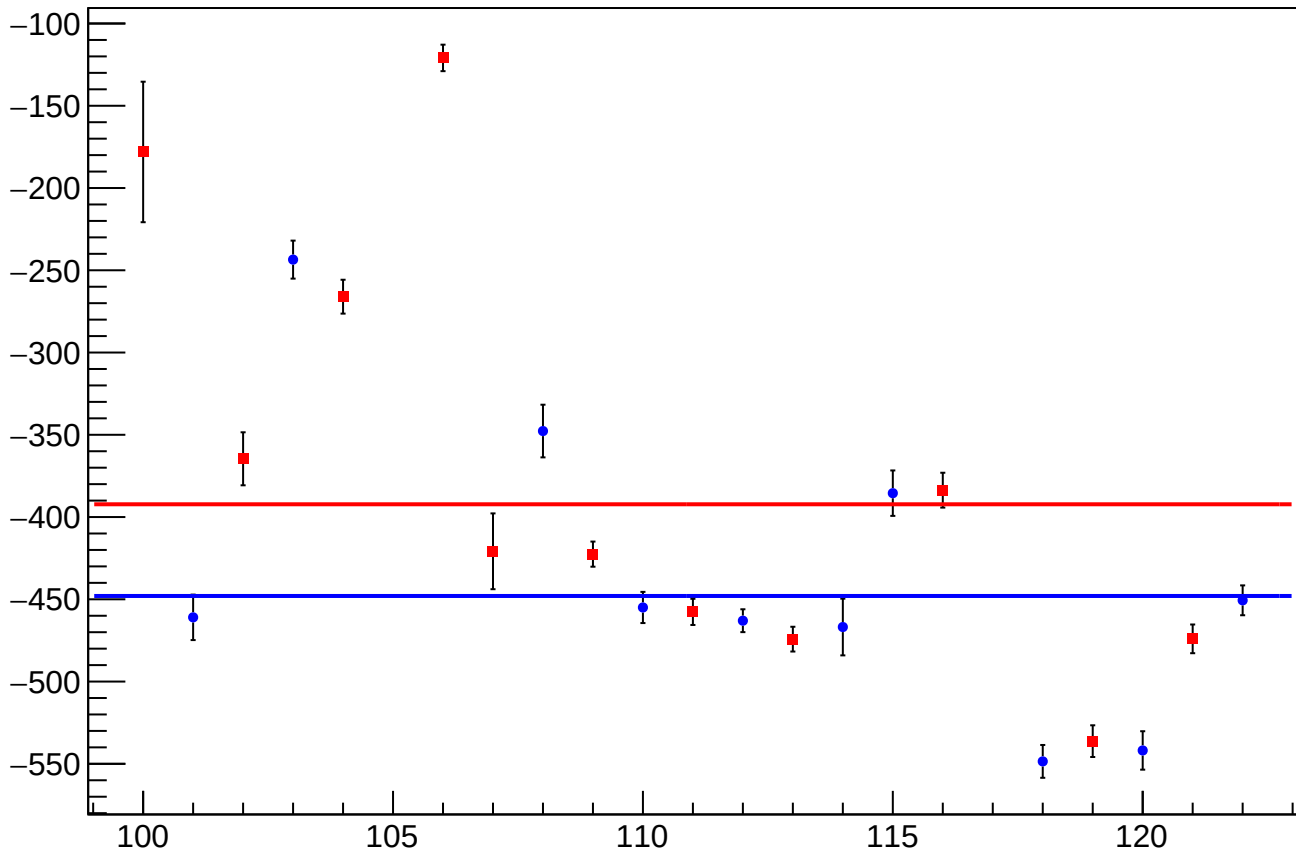
Right: -22.811+/-0.048 χ^2/NDF : 440873.4/20

In: -27.479+/-0.071 χ^2/NDF : 229454.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.811+/-0.048 χ^2/NDF : 440873.4/20

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -447.974+/-3.398 χ^2/NDF : 546.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -392.240+/-2.954 χ^2/NDF : 1829.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

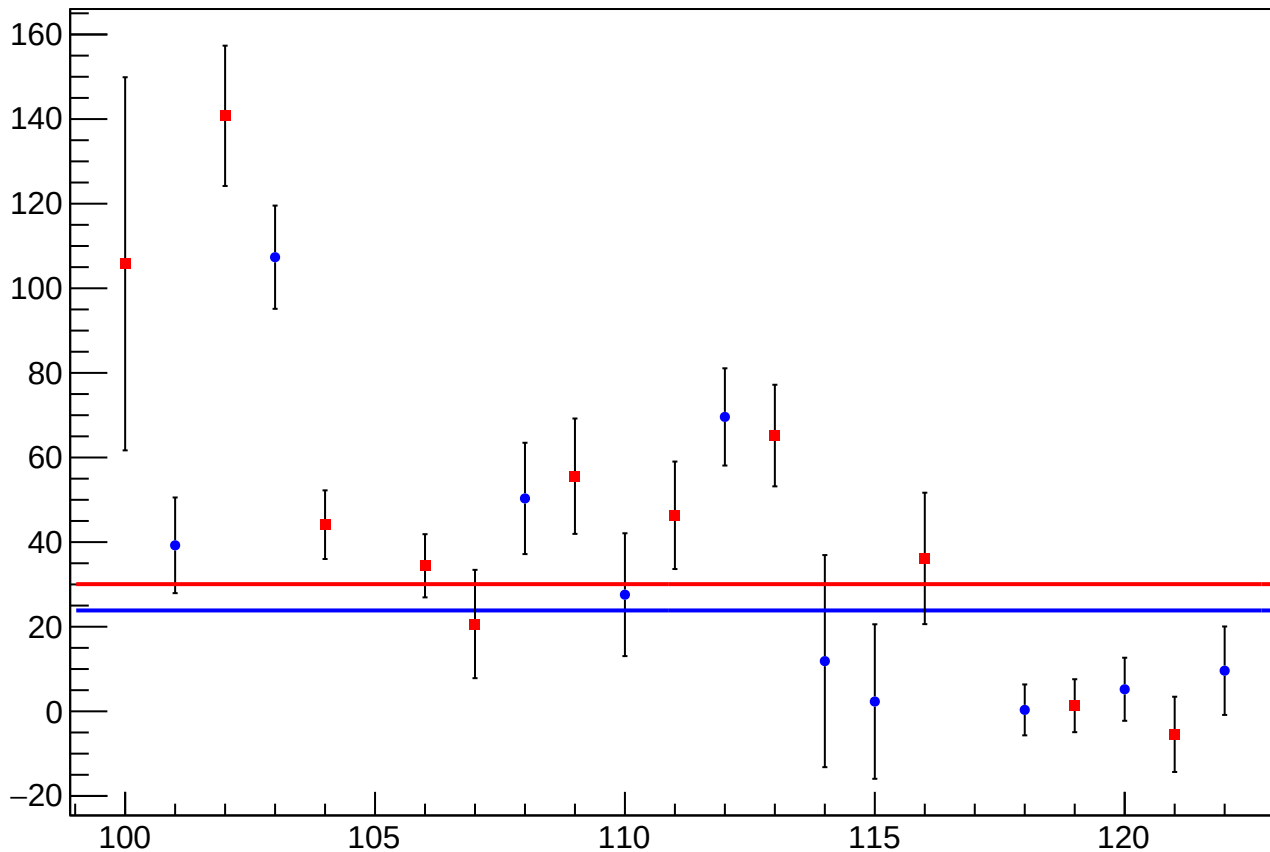
Right: -416.235+/-2.229 χ^2/NDF : 2529.8/20

In: -447.974+/-3.398 χ^2/NDF : 546.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -416.235+/-2.229 χ^2/NDF : 2529.8/20

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 23.846+/-3.297 χ^2/NDF : 93.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.066+/-3.098 χ^2/NDF : 102.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

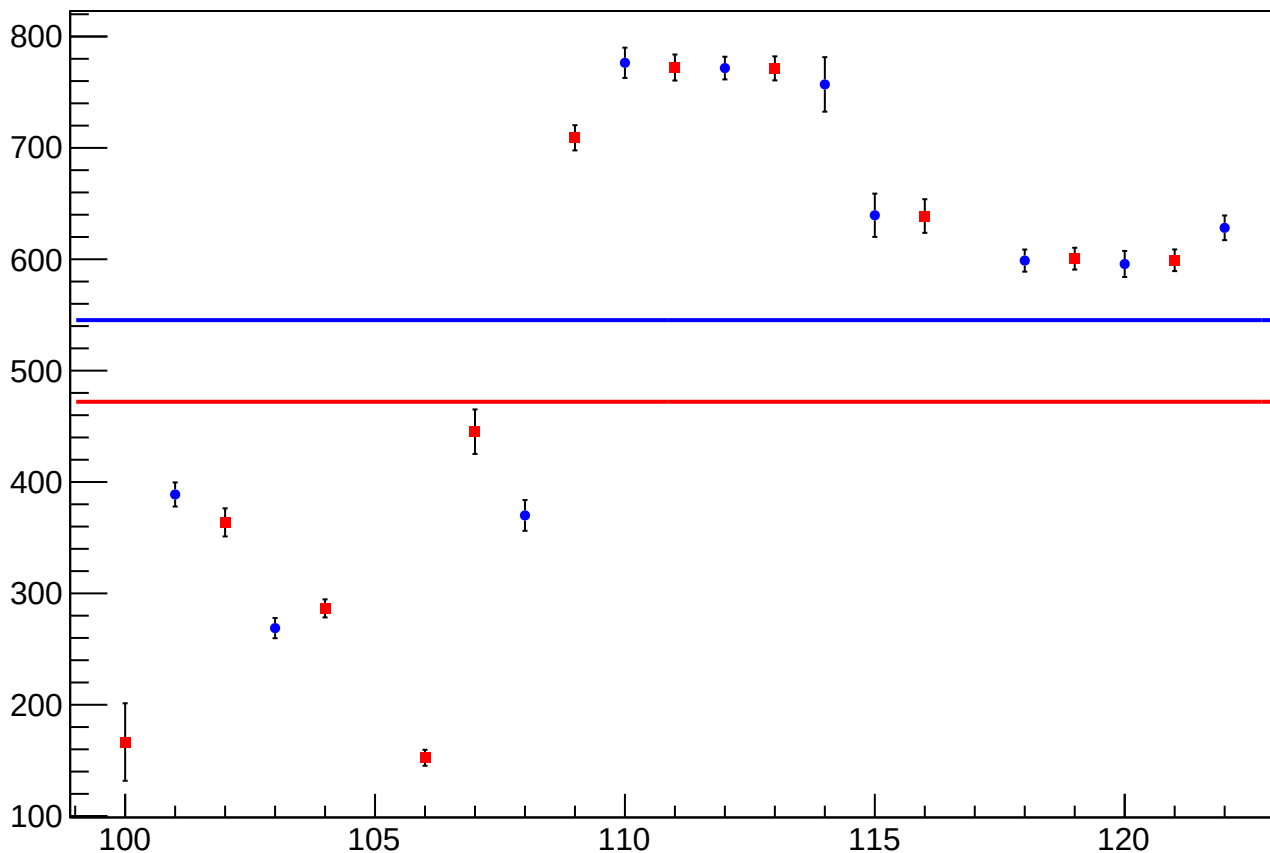
Right: 27.149+/-2.258 χ^2/NDF : 197.8/20

In: 23.846+/-3.297 χ^2/NDF : 93.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.149+/-2.258 χ^2/NDF : 197.8/20

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 545.355+/-3.755 χ^2/NDF : 2287.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 472.057+/-3.273 χ^2/NDF : 4996.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

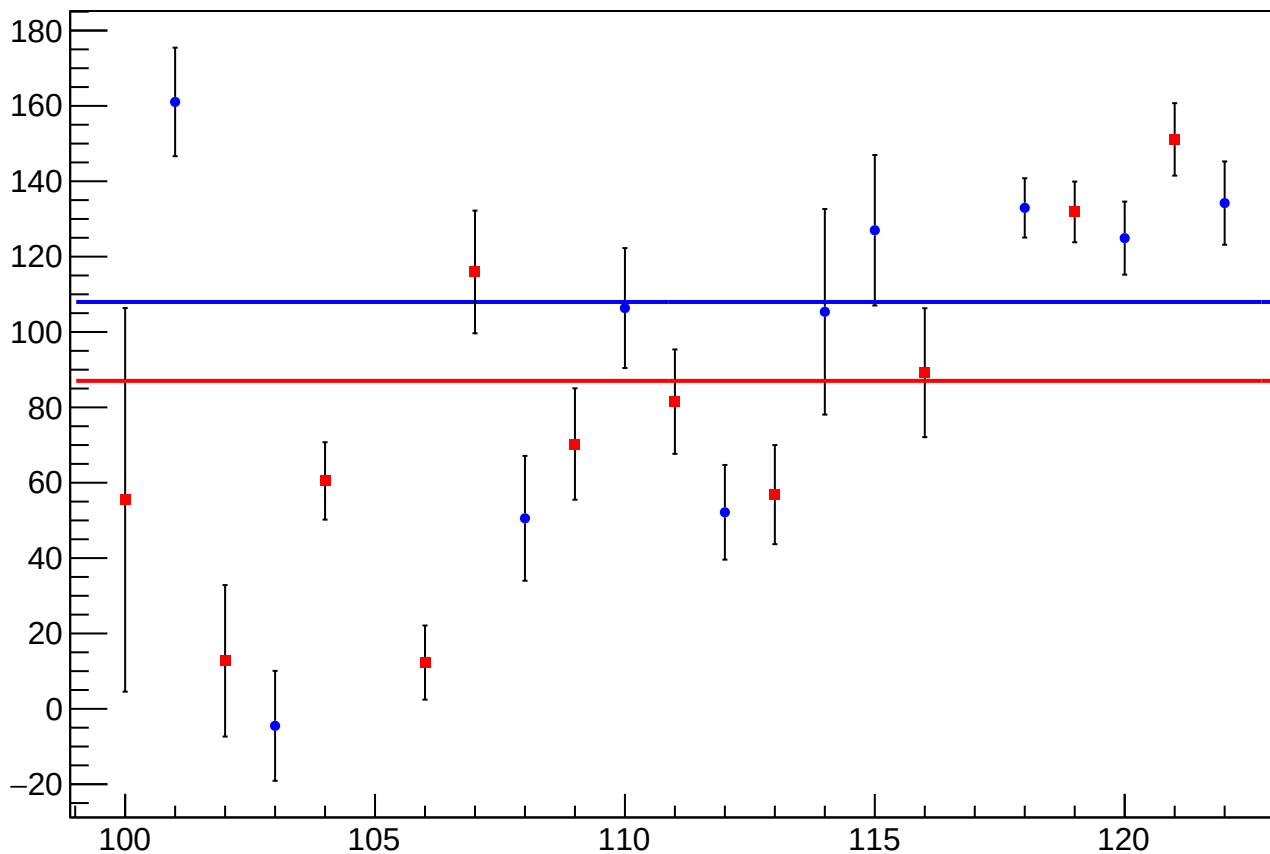
Right: 503.700+/-2.467 χ^2/NDF : 7500.8/20

In: 545.355+/-3.755 χ^2/NDF :2287.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 503.700+/-2.467 χ^2/NDF : 7500.8/20

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 107.972 $\pm$ 4.007 χ^2 /NDF: 124.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.037 $\pm$ 3.735 χ^2 /NDF: 163.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

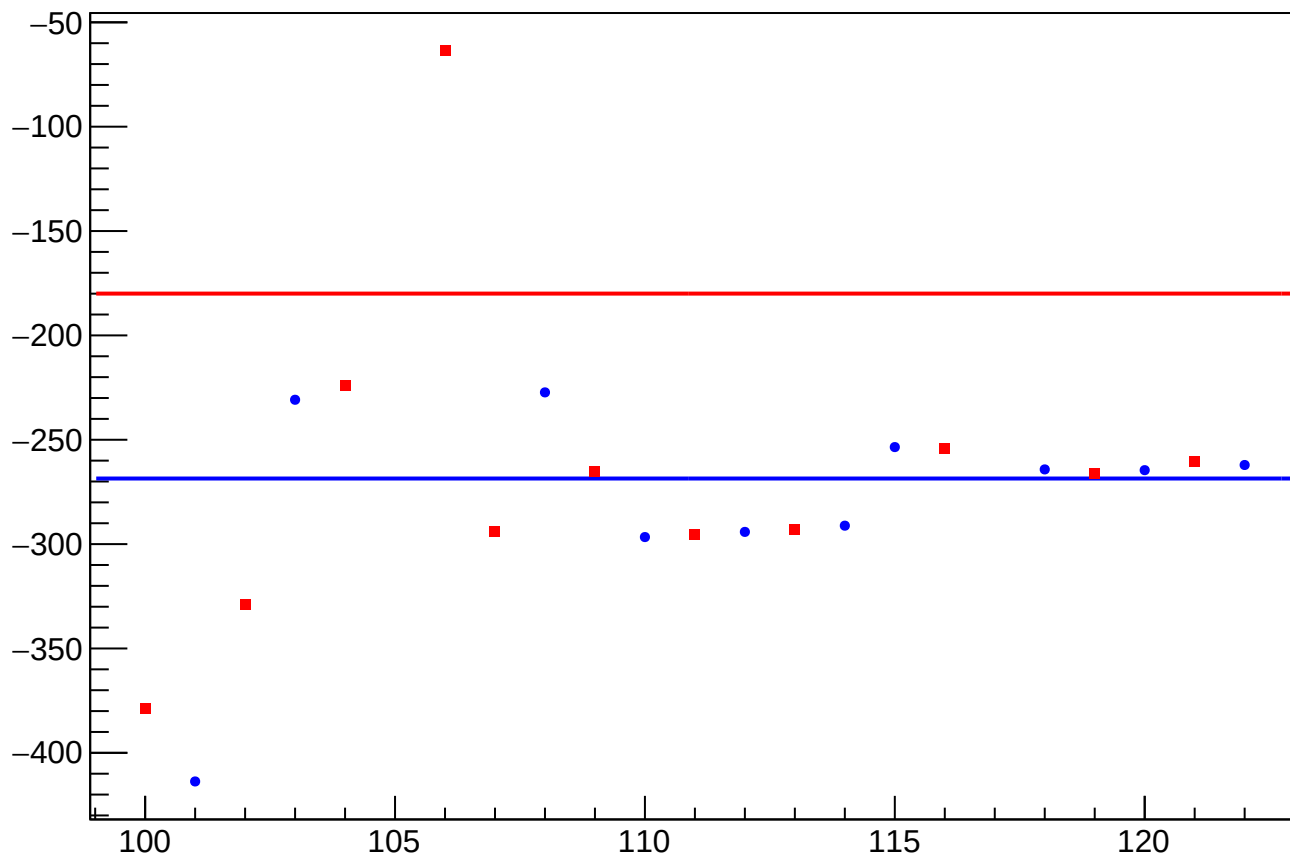
Right: 96.770 $\pm$ 2.732 χ^2 /NDF: 302.9/20

In: 107.972 $\pm$ 4.007 χ^2 /NDF:124.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.770 $\pm$ 2.732 χ^2 /NDF: 302.9/20

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -268.572+/-0.225 χ^2/NDF : 67674.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -179.972+/-0.169 χ^2/NDF : 398889.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

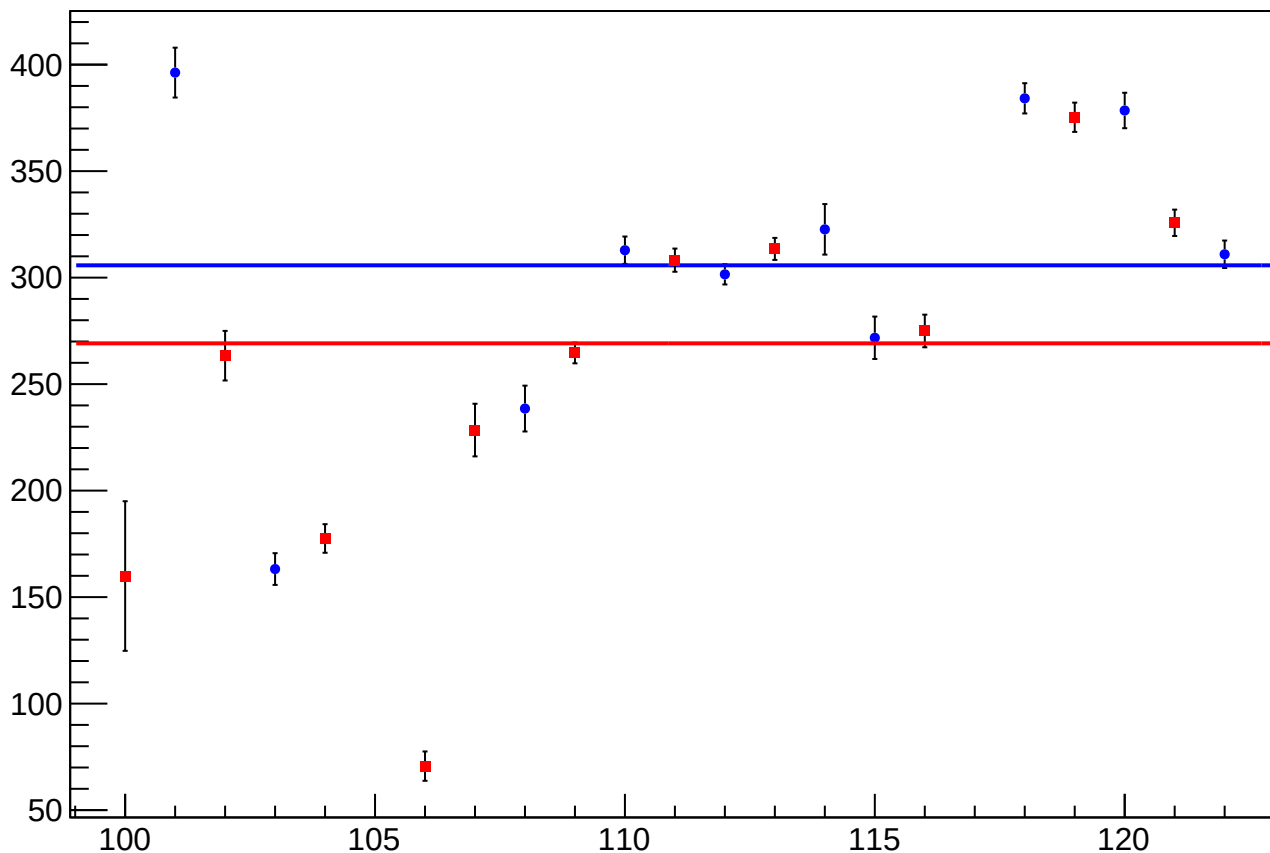
Right: -211.879+/-0.135 χ^2/NDF : 565864.6/20

In: -268.572+/-0.225 χ^2/NDF : 67674.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.879+/-0.135 χ^2/NDF : 565864.6/20

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 305.775 $\pm$ 2.370 χ^2 /NDF: 679.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 269.140 $\pm$ 2.059 χ^2 /NDF: 1486.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

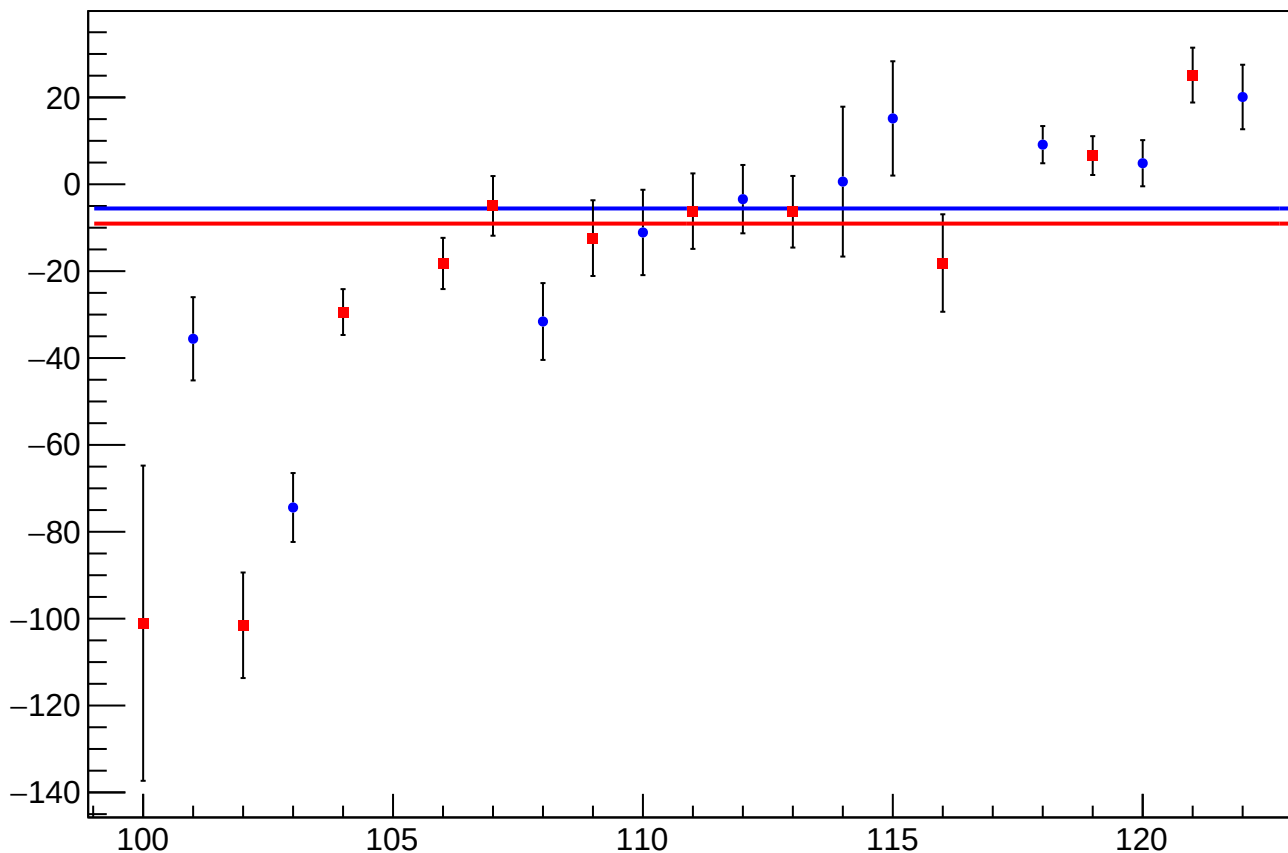
Right: 284.898 $\pm$ 1.555 χ^2 /NDF: 2302.3/20

In: 305.775 $\pm$ 2.370 χ^2 /NDF:679.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 284.898 $\pm$ 1.555 χ^2 /NDF: 2302.3/20

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.570+/-2.336 χ^2/NDF : 124.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -9.054+/-2.143 χ^2/NDF : 124.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

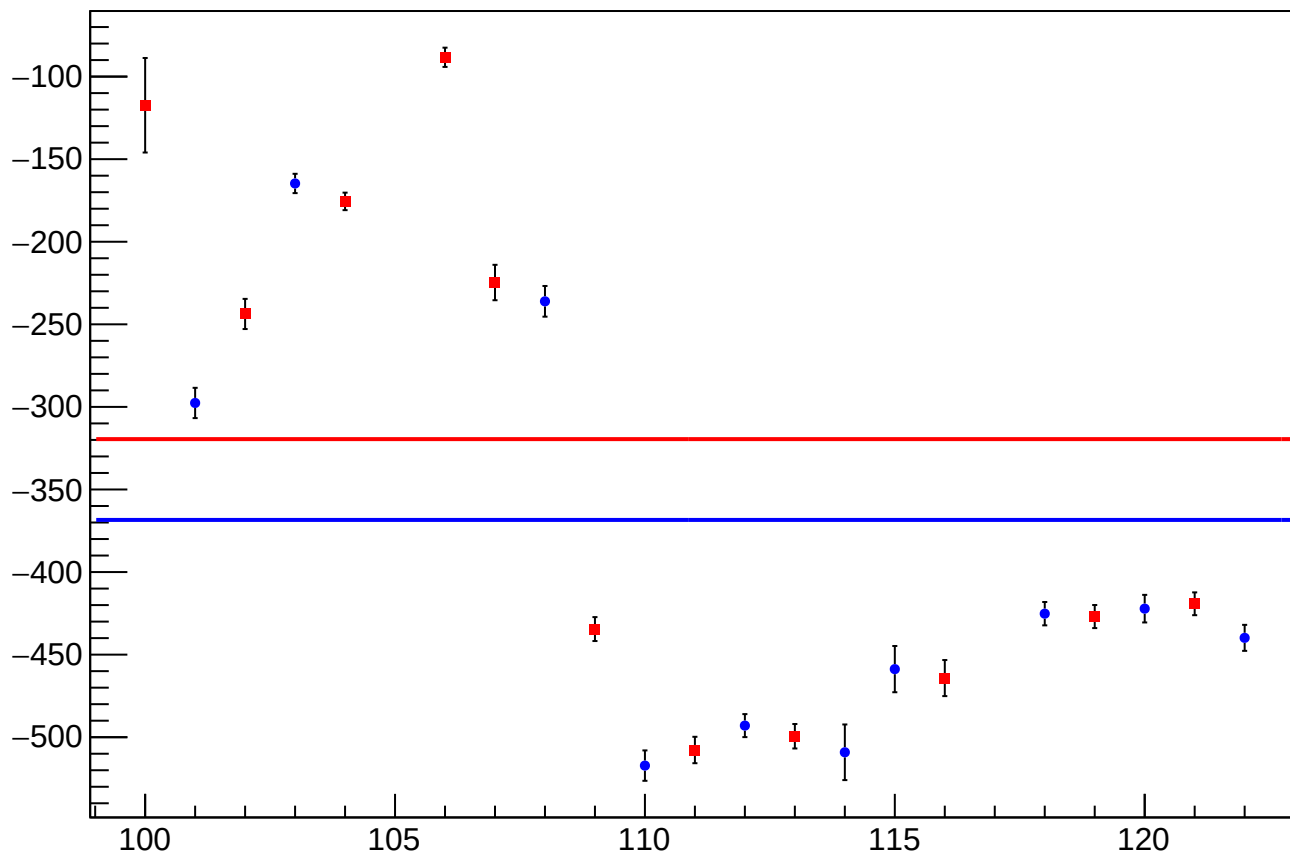
Right: -7.461+/-1.579 χ^2/NDF : 250.2/20

In: -5.570+/-2.336 χ^2/NDF :124.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.461+/-1.579 χ^2/NDF : 250.2/20

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -368.437+/-2.633 χ^2/NDF : 2357.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -319.509+/-2.295 χ^2/NDF : 4527.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

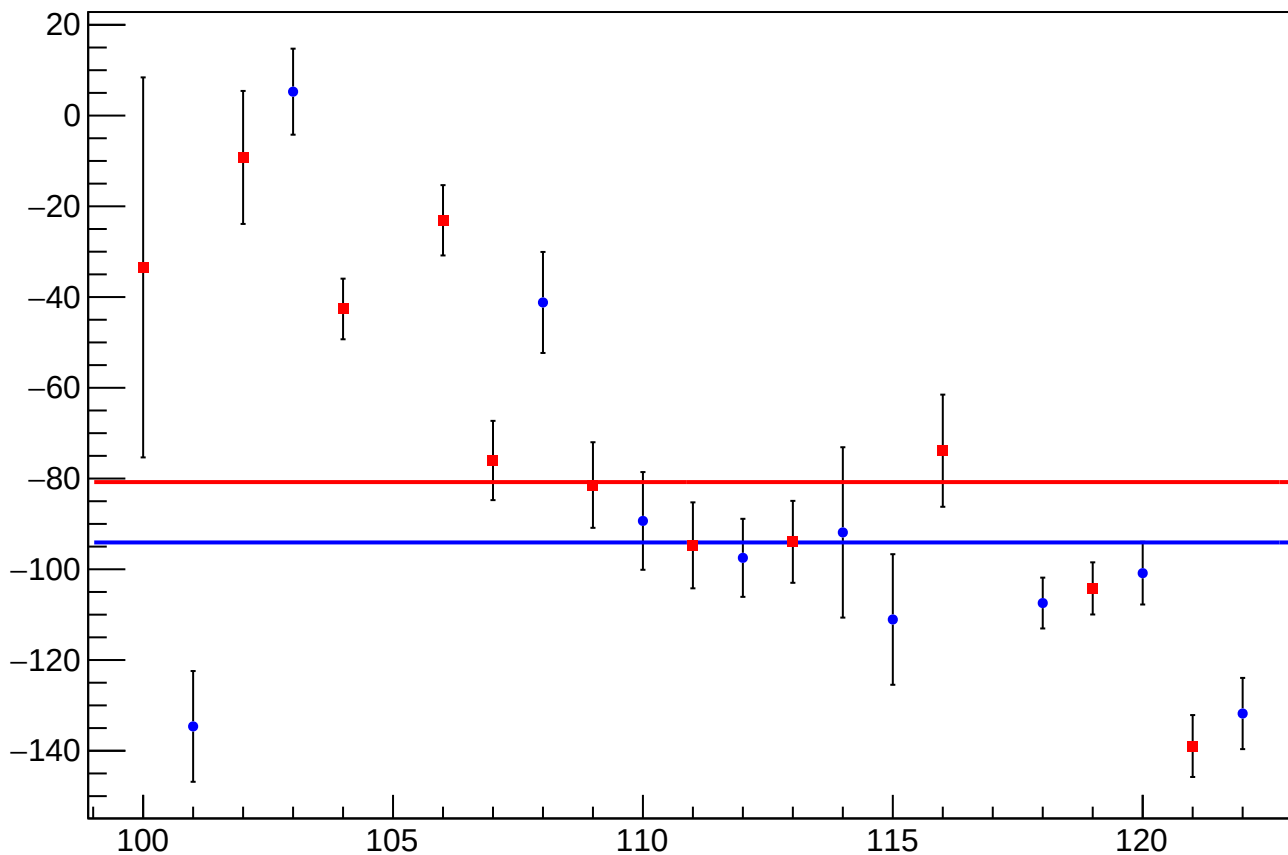
Right: -340.637+/-1.730 χ^2/NDF : 7081.7/20

In: -368.437+/-2.633 χ^2/NDF : 2357.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -340.637+/-1.730 χ^2/NDF : 7081.7/20

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -94.086 ± 2.831 χ^2/NDF : 174.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -80.781 ± 2.579 χ^2/NDF : 207.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

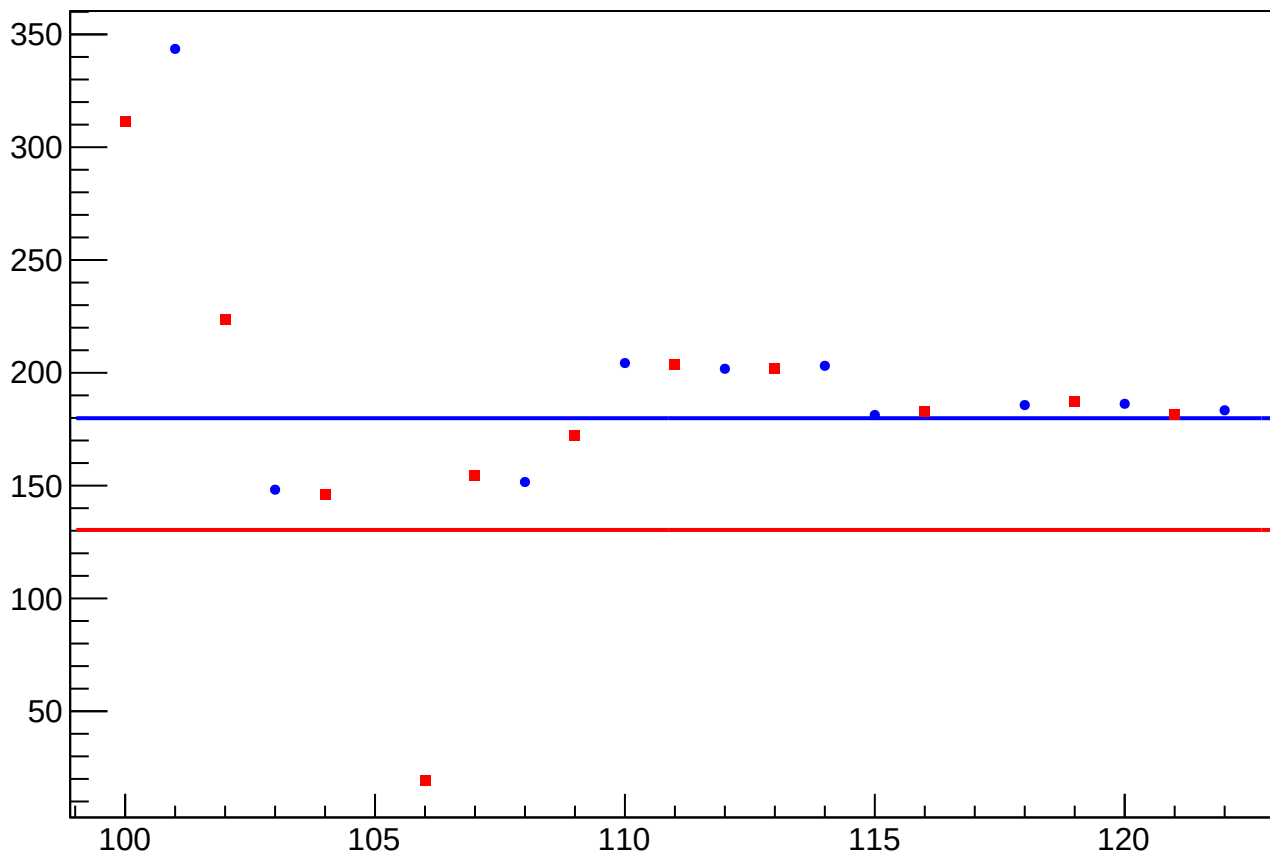
Right: -86.815 ± 1.907 χ^2/NDF : 394.4/20

In: -94.086 ± 2.831 χ^2/NDF : 174.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -86.815 ± 1.907 χ^2/NDF : 394.4/20

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 179.881+/-0.155 χ^2/NDF : 114863.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.355+/-0.126 χ^2/NDF : 365582.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

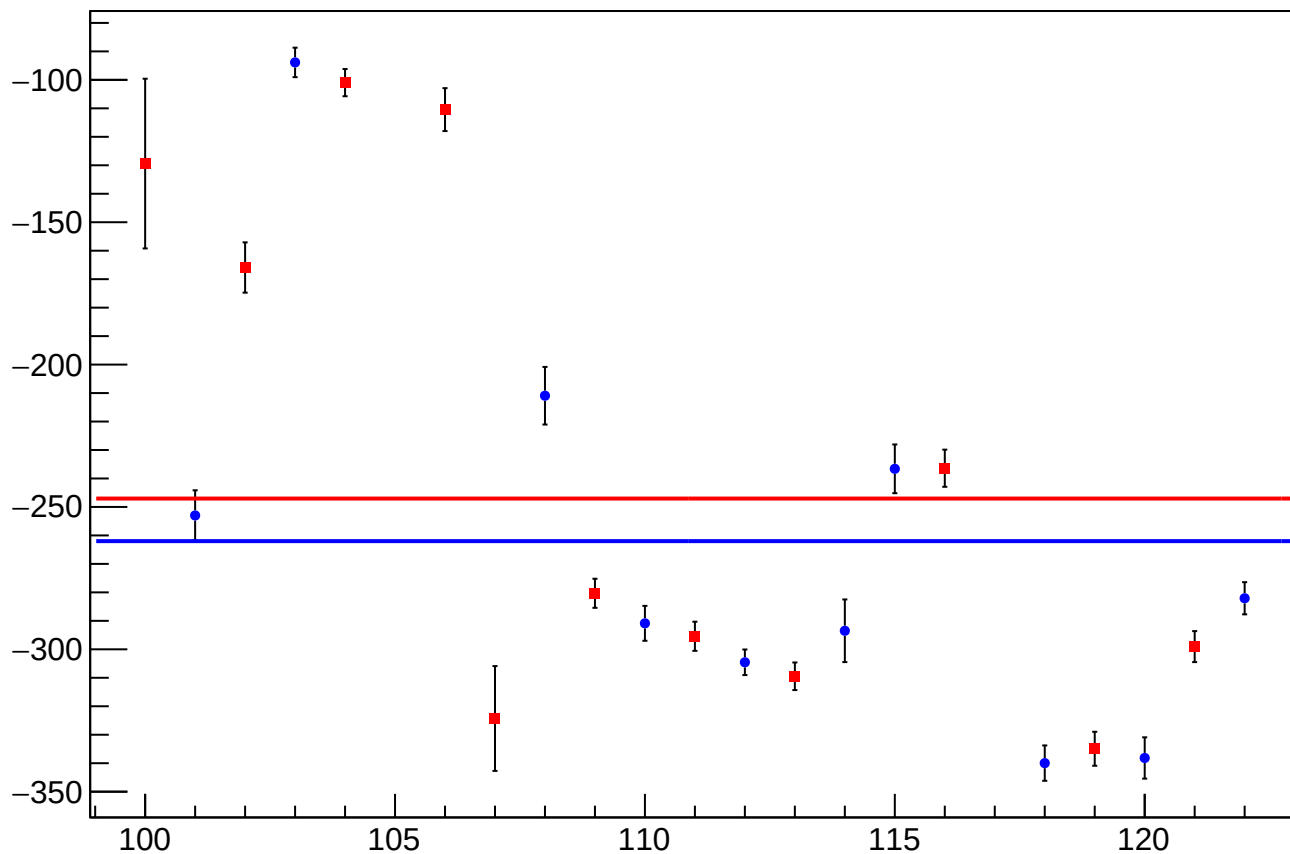
Right: 150.071+/-0.098 χ^2/NDF : 542148.2/20

In: 179.881+/-0.155 χ^2/NDF : 114863.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.071+/-0.098 χ^2/NDF : 542148.2/20

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -262.006+/-2.066 χ^2/NDF : 1491.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -247.048+/-1.881 χ^2/NDF : 1988.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

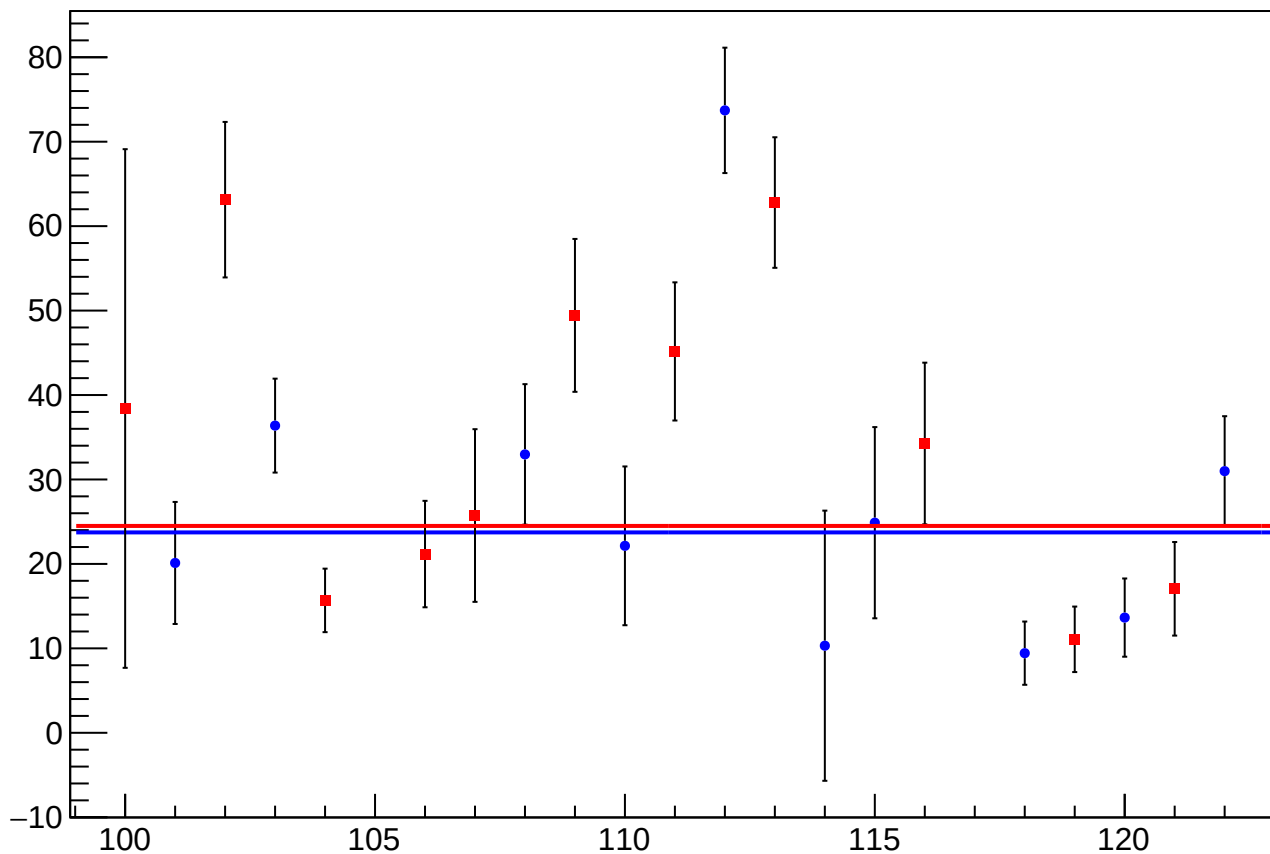
Right: -253.827+/-1.391 χ^2/NDF : 3508.6/20

In: -262.006+/-2.066 χ^2/NDF :1491.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -253.827+/-1.391 χ^2/NDF : 3508.6/20

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 23.731+/-2.005 χ^2/NDF : 73.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.498+/-1.917 χ^2/NDF : 76.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

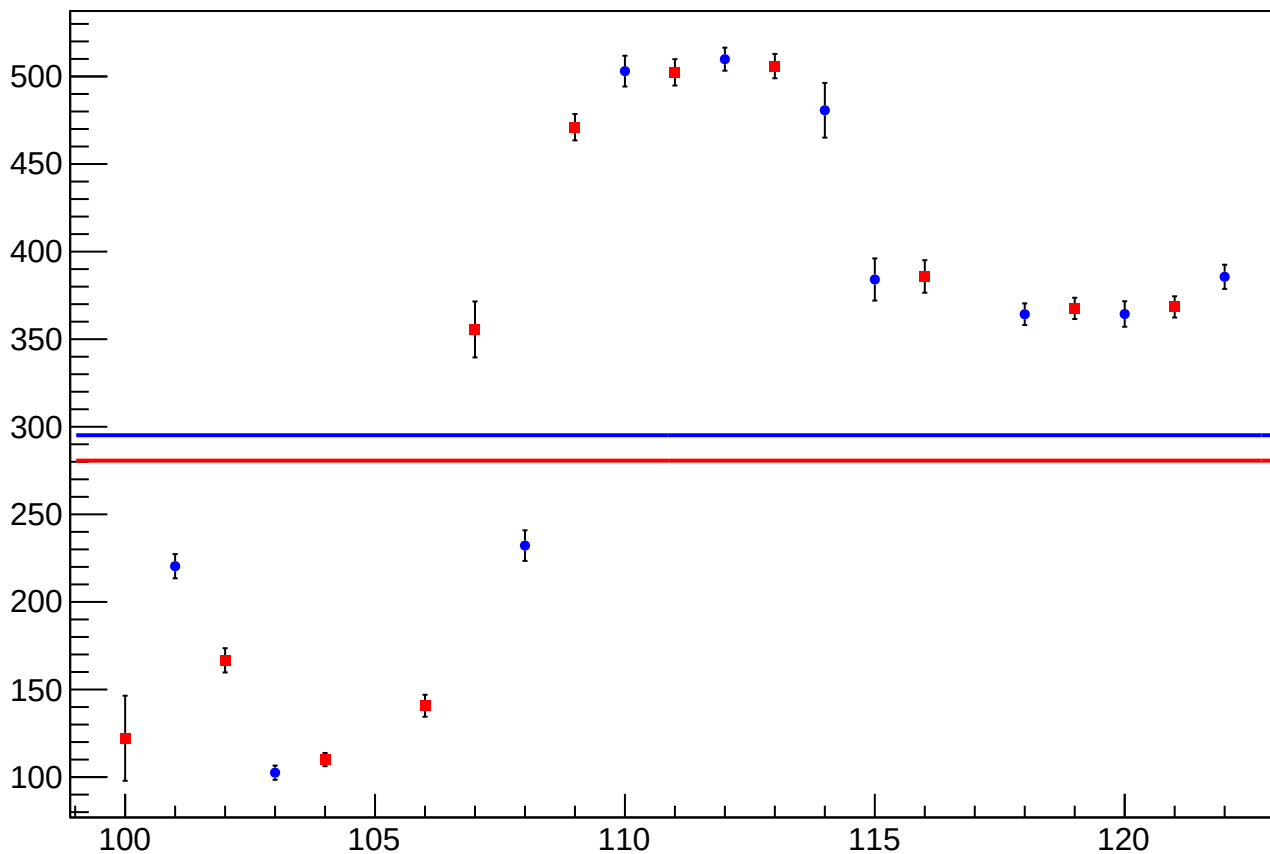
Right: 24.132+/-1.386 χ^2/NDF : 150.3/20

In: 23.731+/-2.005 χ^2/NDF : 73.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.132+/-1.386 χ^2/NDF : 150.3/20

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 295.159+/-2.195 χ^2/NDF : 4623.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.663+/-2.023 χ^2/NDF : 5985.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

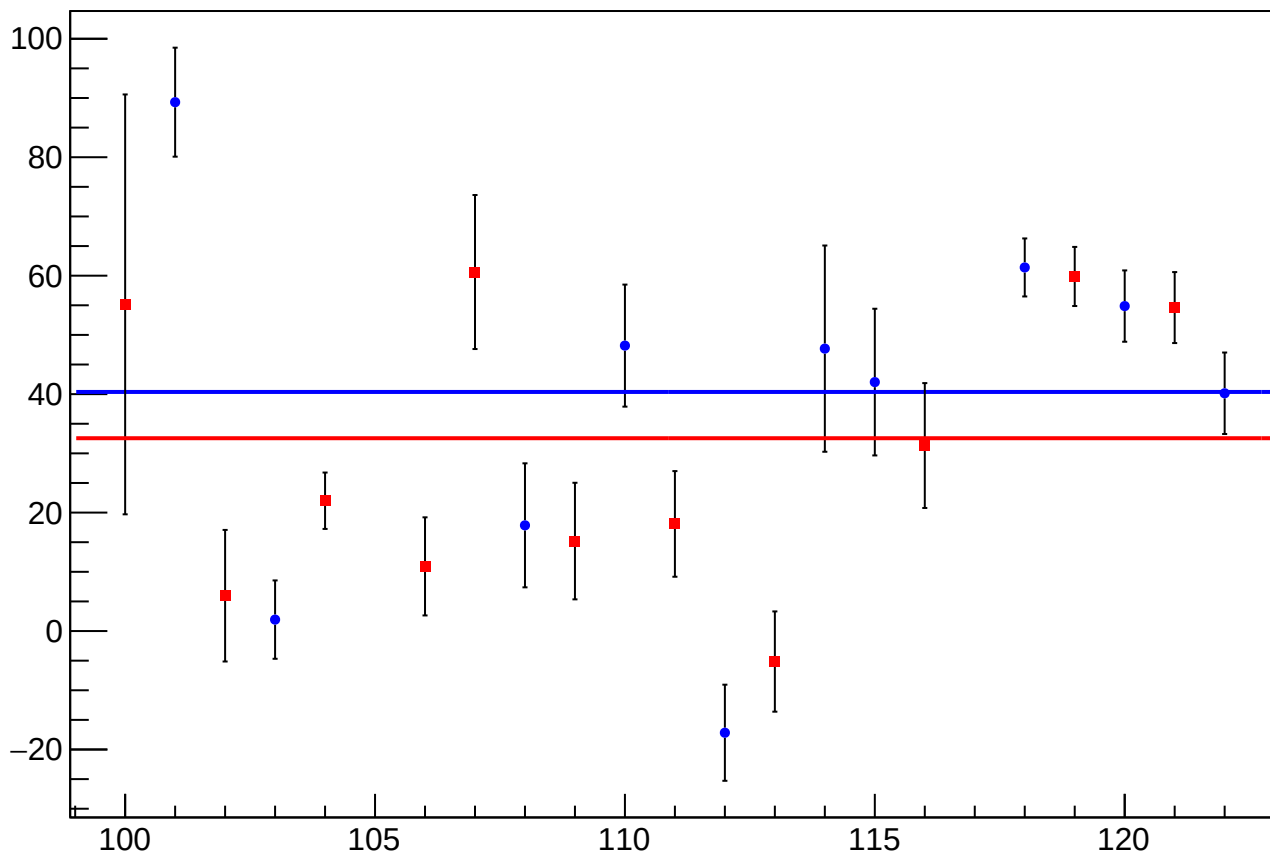
Right: 287.323+/-1.488 χ^2/NDF : 10632.9/20

In: 295.159+/-2.195 χ^2/NDF : 4623.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.323+/-1.488 χ^2/NDF : 10632.9/20

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.369+/-2.435 χ^2/NDF : 141.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.556+/-2.310 χ^2/NDF : 91.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

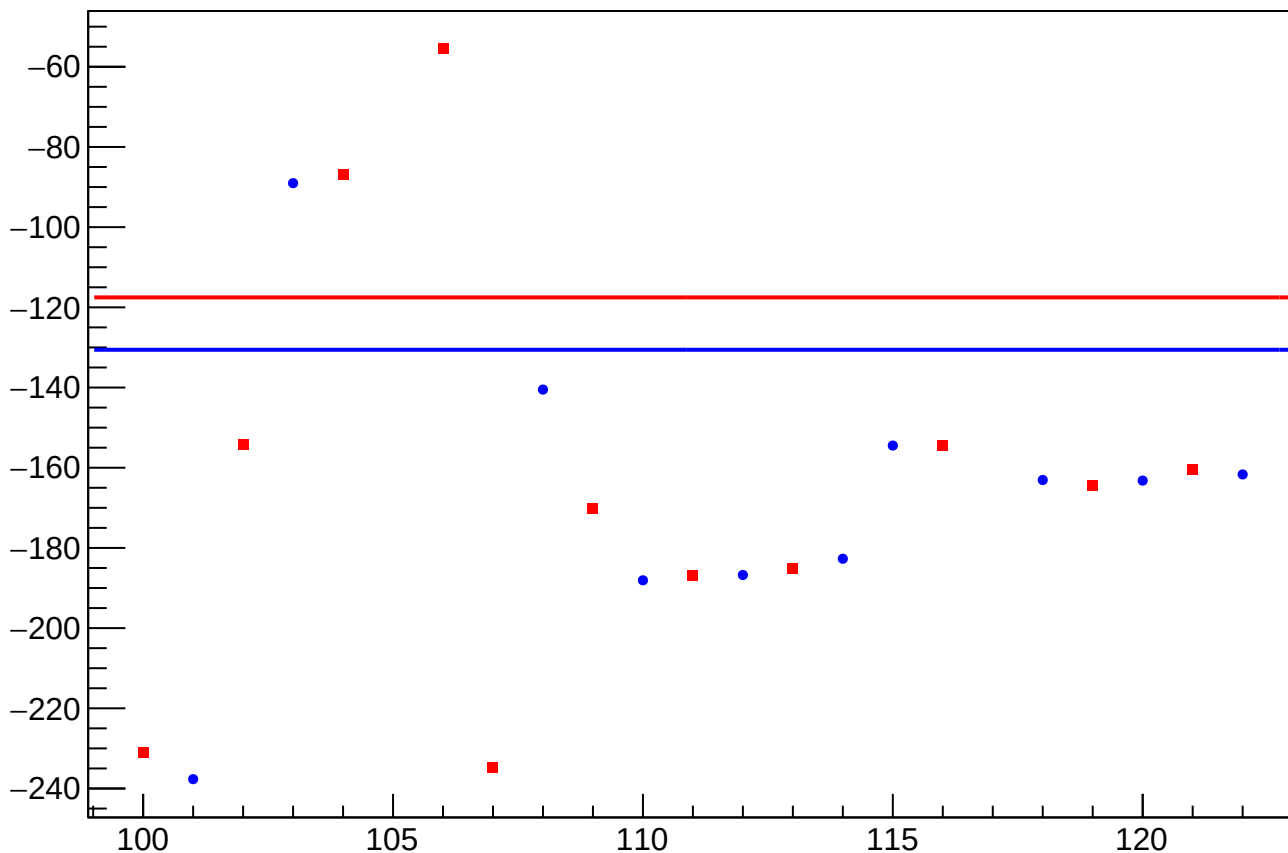
Right: 36.257+/-1.676 χ^2/NDF : 239.0/20

In: 40.369+/-2.435 χ^2/NDF : 141.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.257+/-1.676 χ^2/NDF : 239.0/20

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -130.578+/-0.122 χ^2/NDF : 160362.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.517+/-0.112 χ^2/NDF : 202095.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

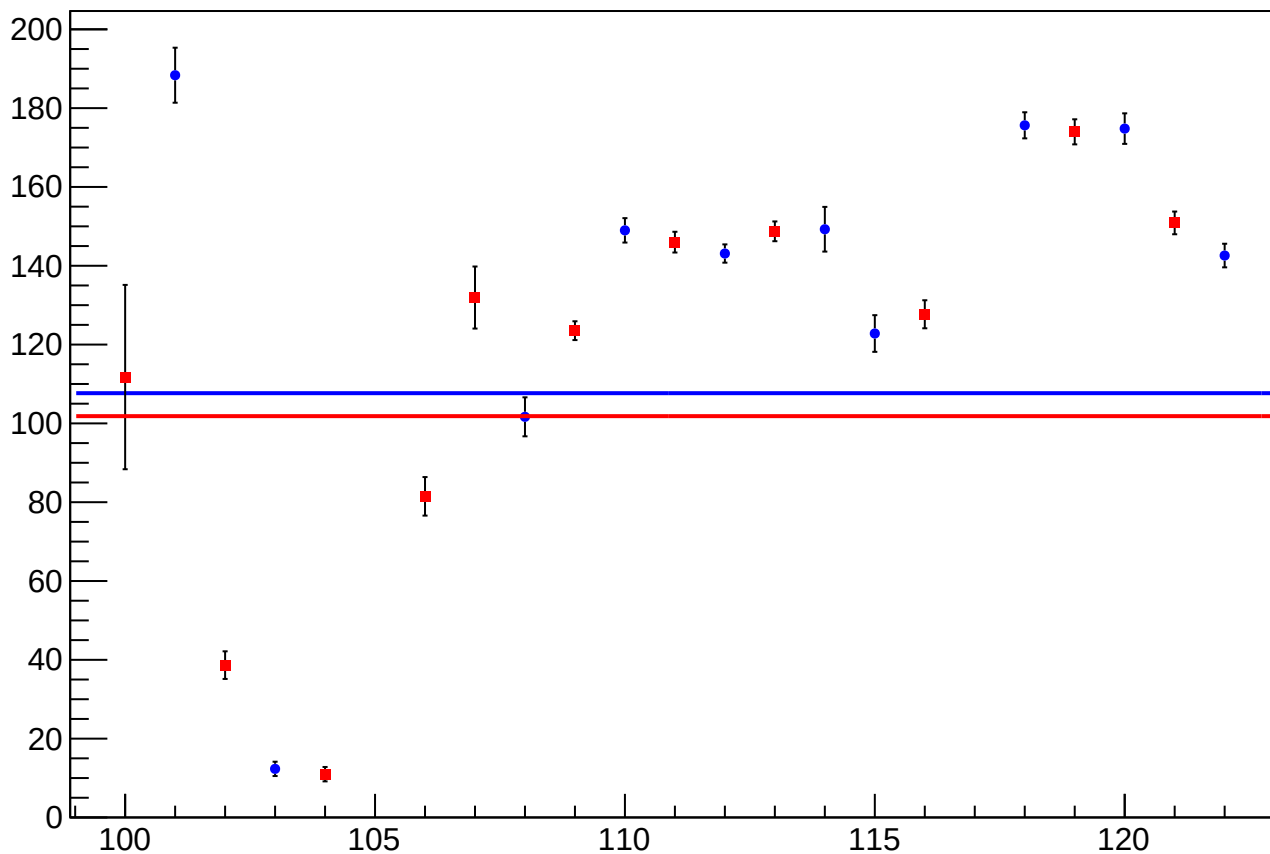
Right: -123.461+/-0.082 χ^2/NDF : 368683.1/20

In: -130.578+/-0.122 χ^2/NDF : 160362.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.461+/-0.082 χ^2/NDF : 368683.1/20

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 107.667 $\pm$ 1.000 χ^2 /NDF: 4220.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 101.838 $\pm$ 0.906 χ^2 /NDF: 4400.0/10

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

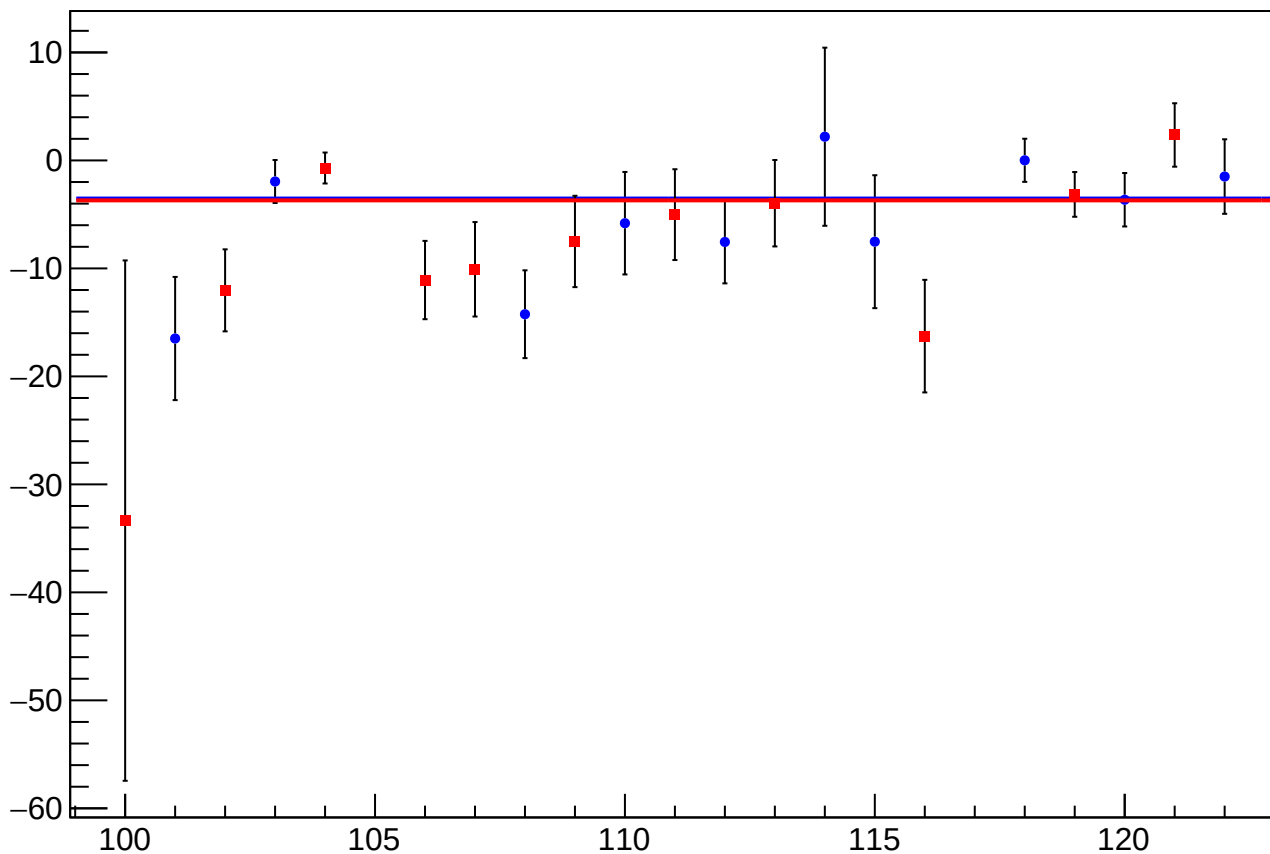
Right: 104.467 $\pm$ 0.671 χ^2 /NDF: 8639.1/20

In: 107.667 $\pm$ 1.000 χ^2 /NDF:4220.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.467 $\pm$ 0.671 χ^2 /NDF: 8639.1/20

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.532 ± 1.002 χ^2/NDF : 18.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.699 ± 0.895 χ^2/NDF : 28.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

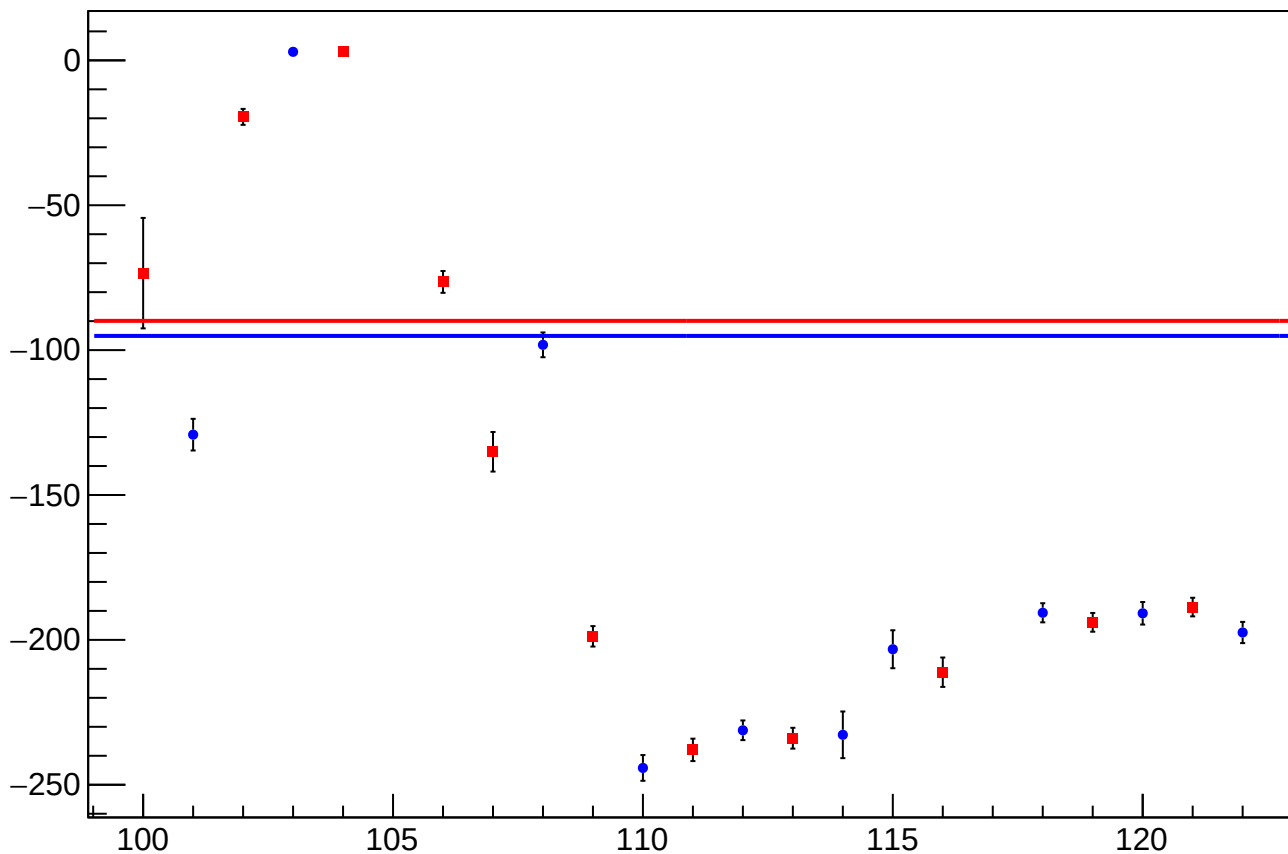
Right: -3.625 ± 0.668 χ^2/NDF : 46.5/20

In: -3.532 ± 1.002 χ^2/NDF : 18.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.625 ± 0.668 χ^2/NDF : 46.5/20

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.098+/-1.006 χ^2/NDF : 10282.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -89.901+/-0.927 χ^2/NDF : 11436.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

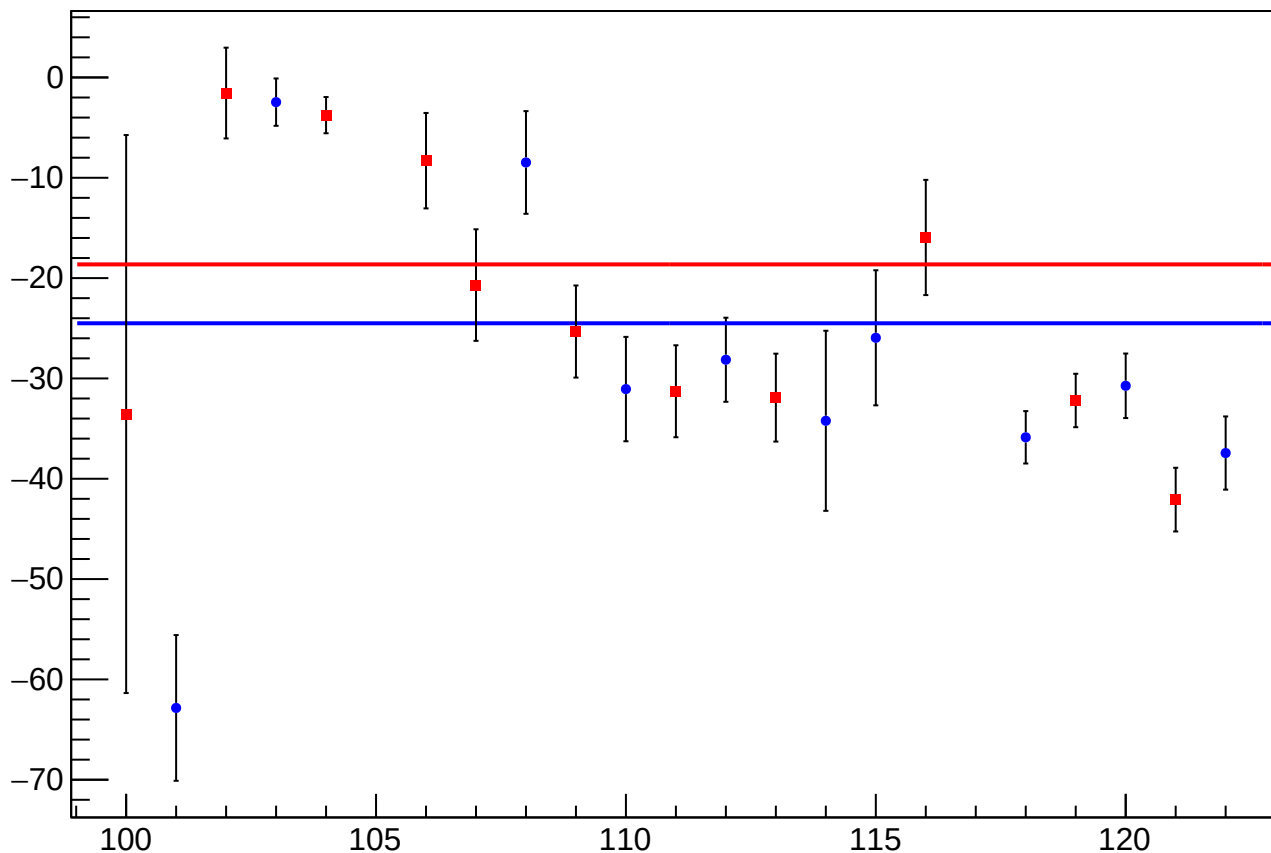
Right: -92.286+/-0.682 χ^2/NDF : 21733.5/20

In: -95.098+/-1.006 χ^2/NDF :10282.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -92.286+/-0.682 χ^2/NDF : 21733.5/20

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.503+/-1.210 χ^2/NDF : 163.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.632+/-1.084 χ^2/NDF : 186.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

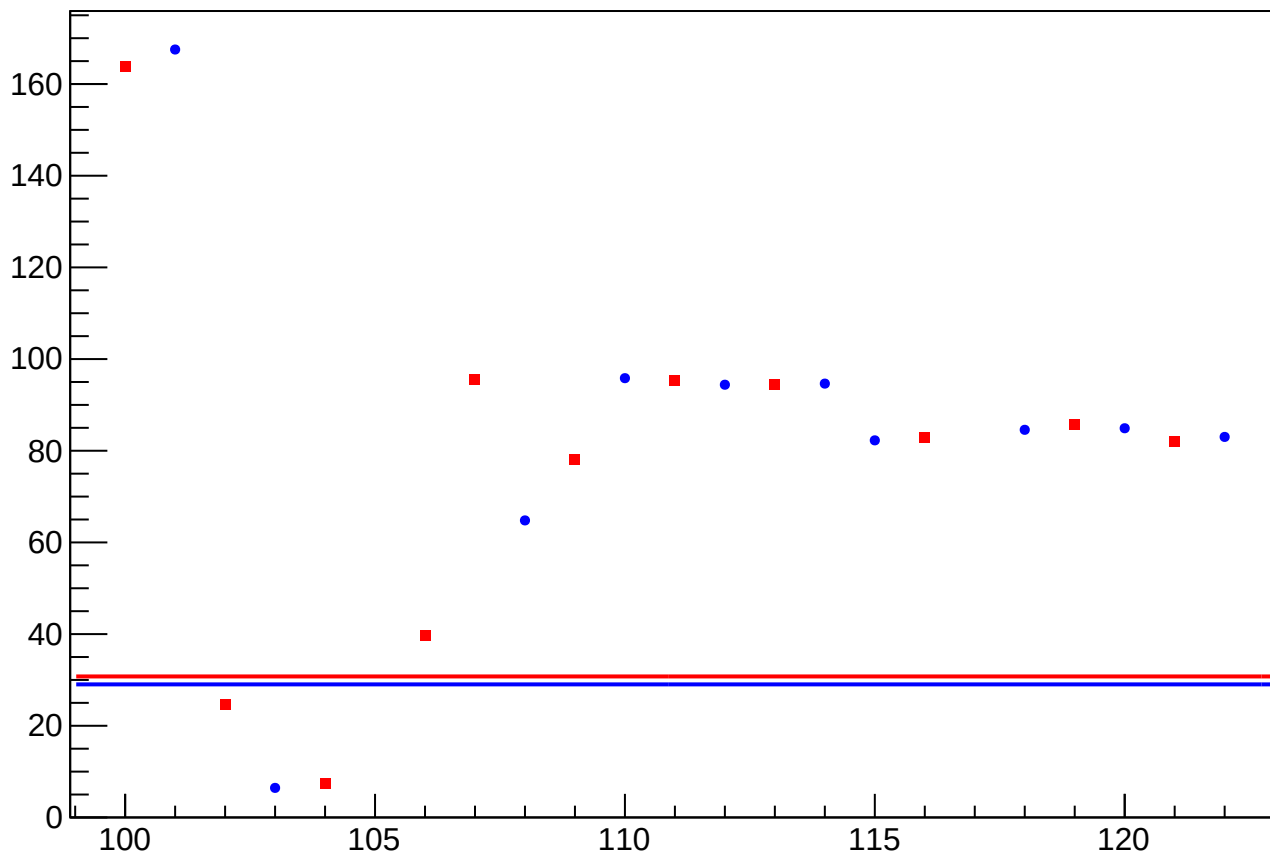
Right: -21.247+/-0.807 χ^2/NDF : 363.7/20

In: -24.503+/-1.210 χ^2/NDF : 163.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.247+/-0.807 χ^2/NDF : 363.7/20

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 29.031+/-0.050 χ^2/NDF : 601983.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.762+/-0.050 χ^2/NDF : 433867.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

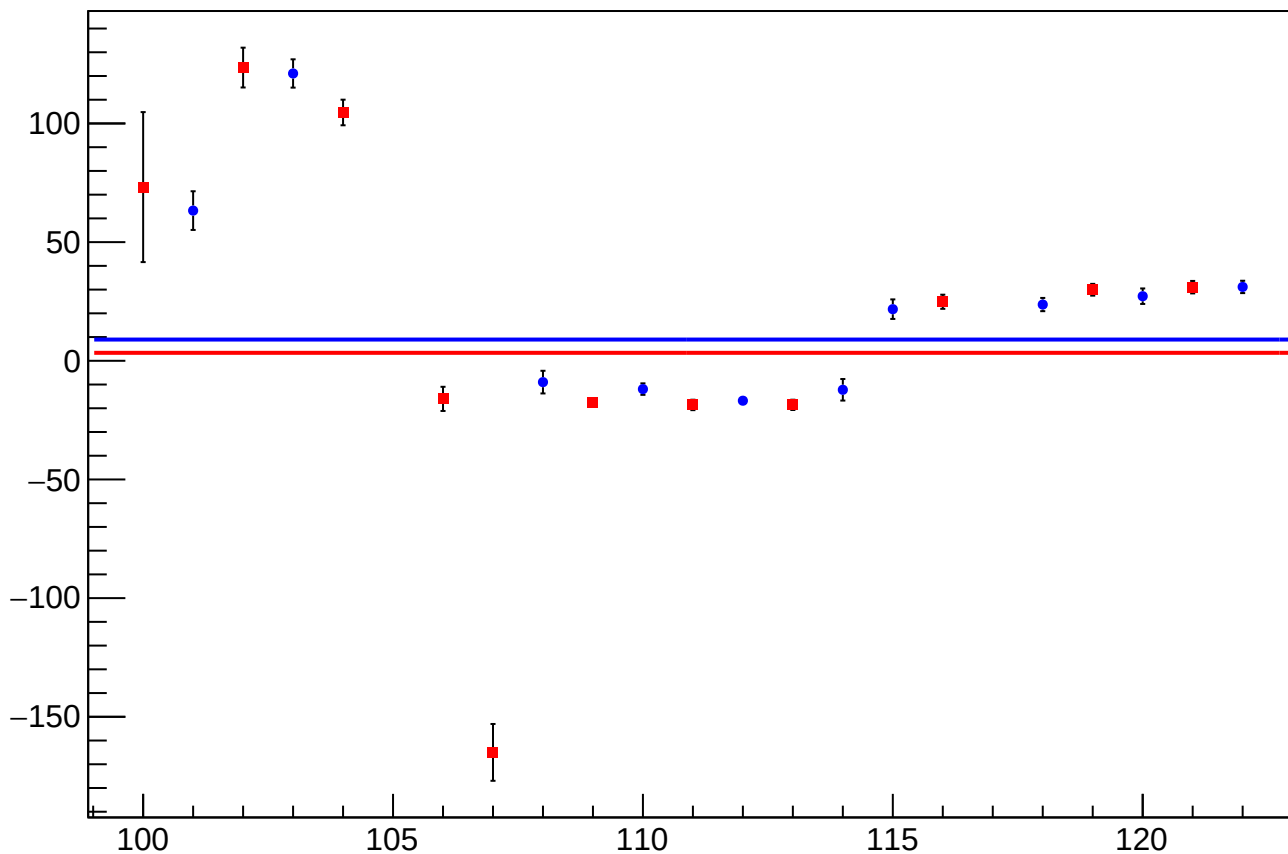
Right: 29.911+/-0.035 χ^2/NDF : 1036450.4/20

In: 29.031+/-0.050 χ^2/NDF : 601983.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.911+/-0.035 χ^2/NDF : 1036450.4/20

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.950+/-1.012 χ^2/NDF : 810.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.357+/-0.925 χ^2/NDF : 1358.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

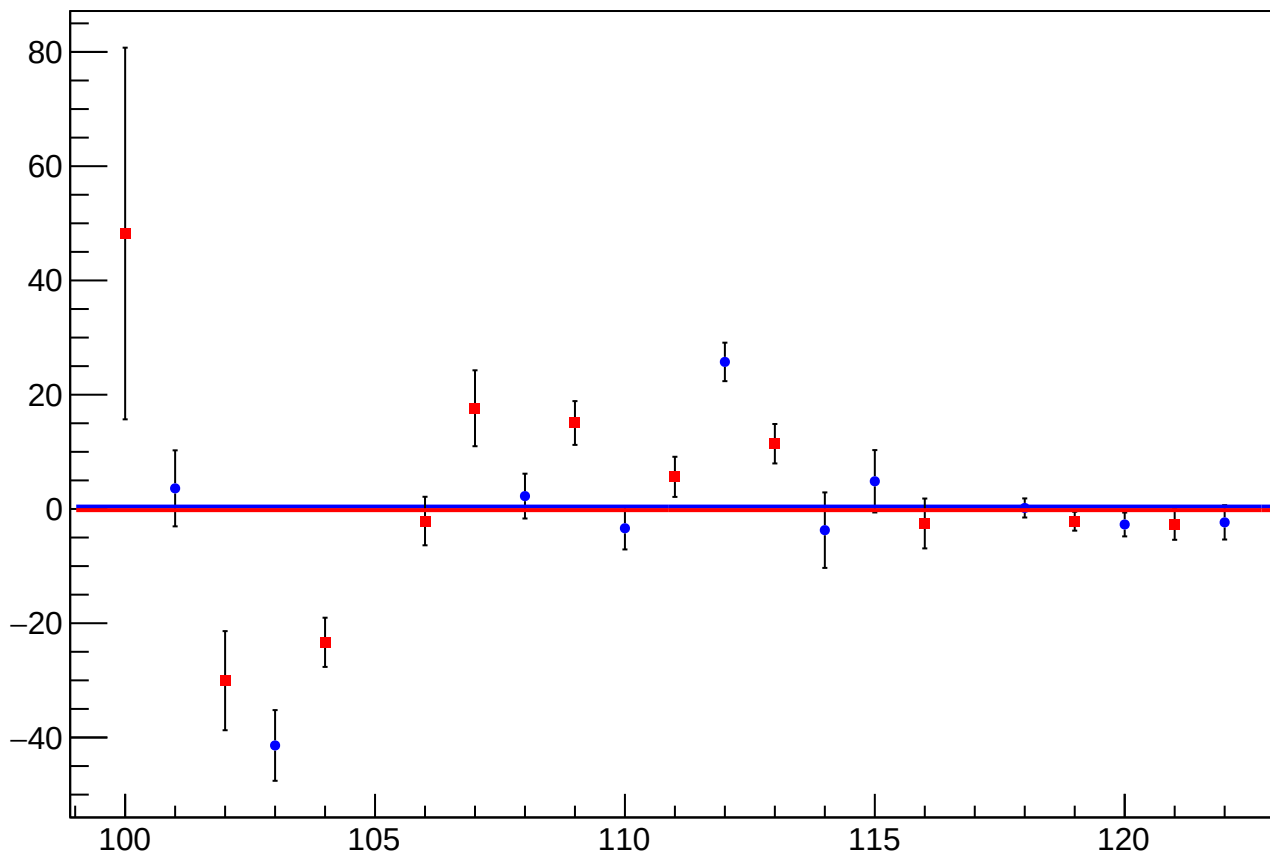
Right: 5.904+/-0.683 χ^2/NDF : 2185.1/20

In: 8.950+/-1.012 χ^2/NDF : 810.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.904+/-0.683 χ^2/NDF : 2185.1/20

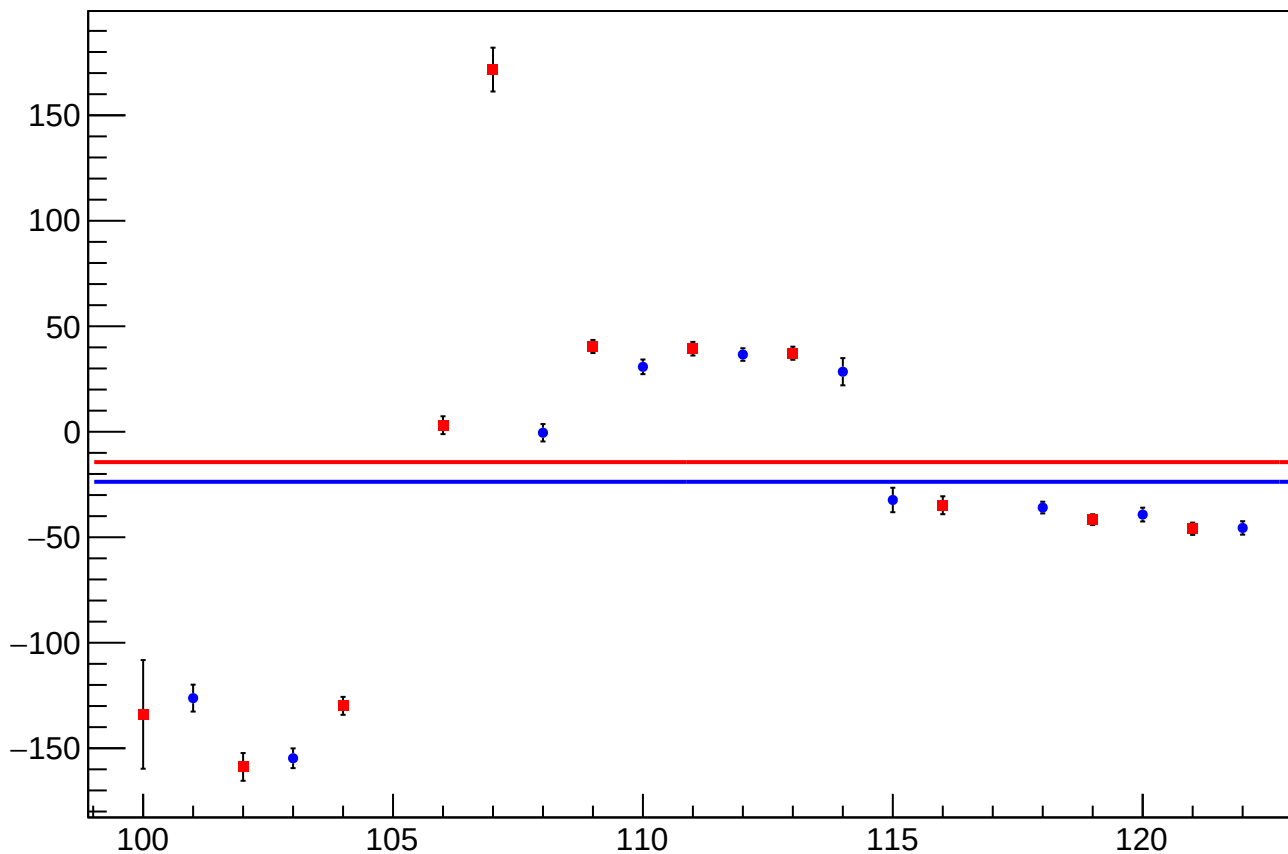
reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.417+/-0.985 χ^2/NDF : 107.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.205+/-1.032 χ^2/NDF : 82.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.121+/-0.713 χ^2/NDF : 190.9/20
 In: 0.417+/-0.985 χ^2/NDF : 107.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.121+/-0.713 χ^2/NDF : 190.9/20

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.714+/-1.195 χ^2/NDF : 1888.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.389+/-1.135 χ^2/NDF : 2701.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

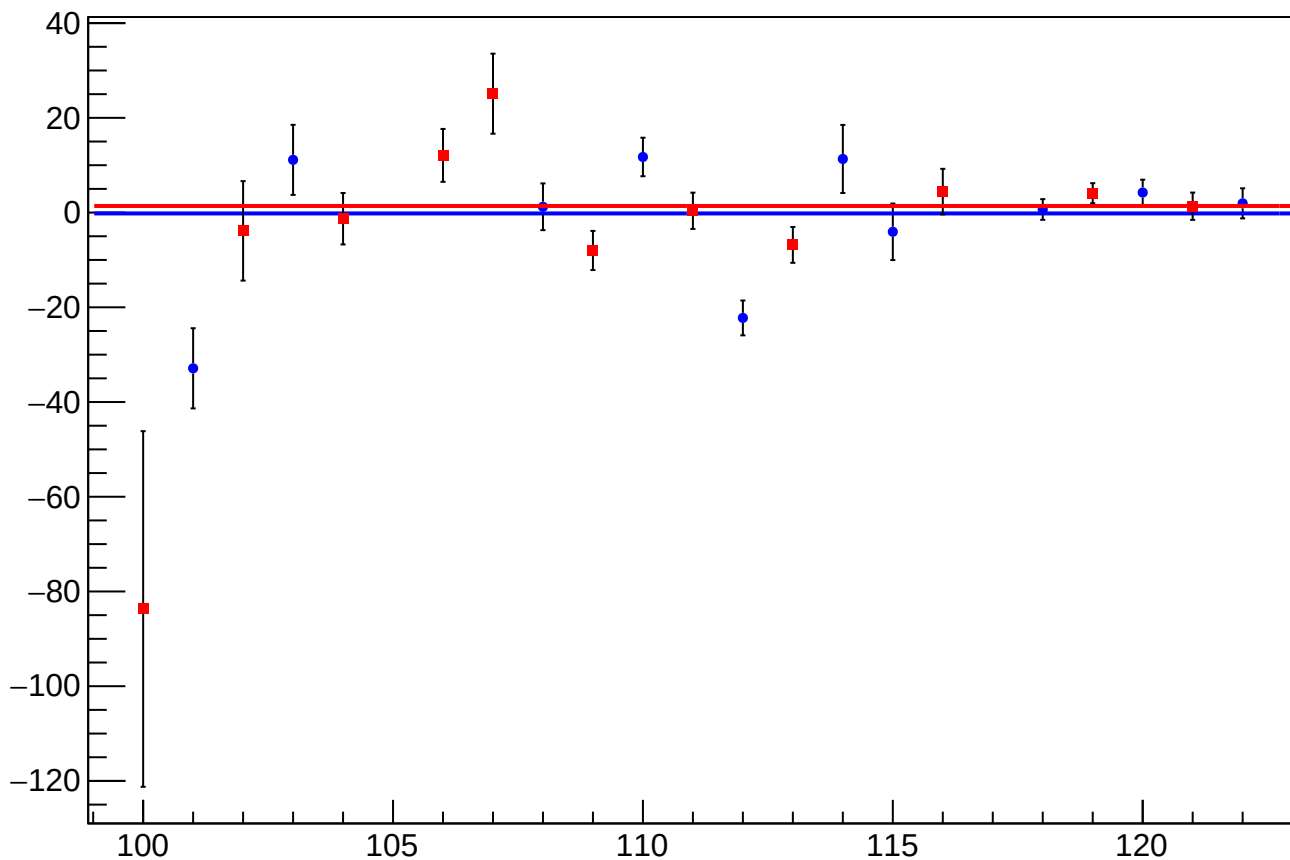
Right: -18.812+/-0.823 χ^2/NDF : 4622.5/20

In: -23.714+/-1.195 χ^2/NDF : 1888.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.812+/-0.823 χ^2/NDF : 4622.5/20

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.184+/-1.195 χ^2/NDF : 68.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.396+/-1.219 χ^2/NDF : 29.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

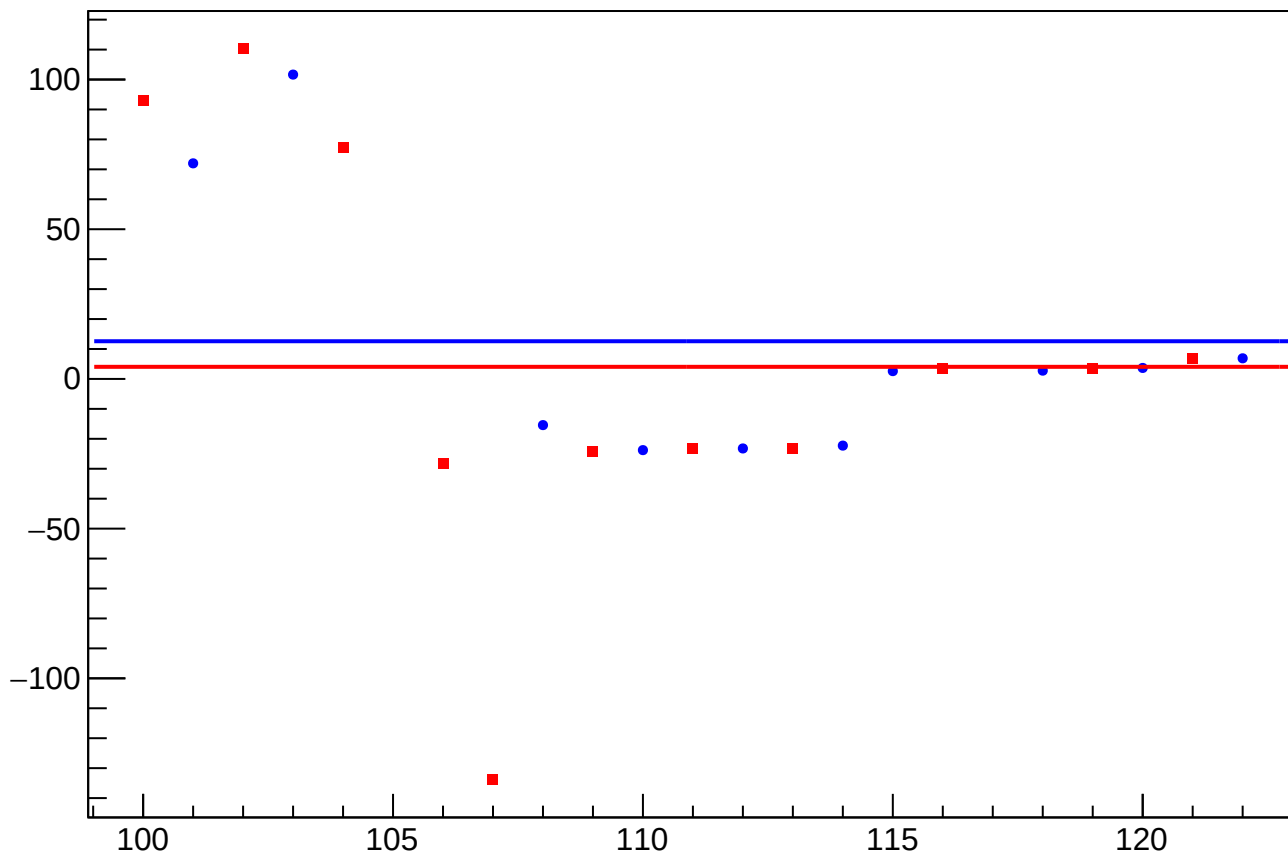
Right: 0.590+/-0.854 χ^2/NDF : 98.1/20

In: -0.184+/-1.195 χ^2/NDF :68.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.590+/-0.854 χ^2/NDF : 98.1/20

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.589+/-0.079 χ^2/NDF : 307428.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.043+/-0.076 χ^2/NDF : 446242.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

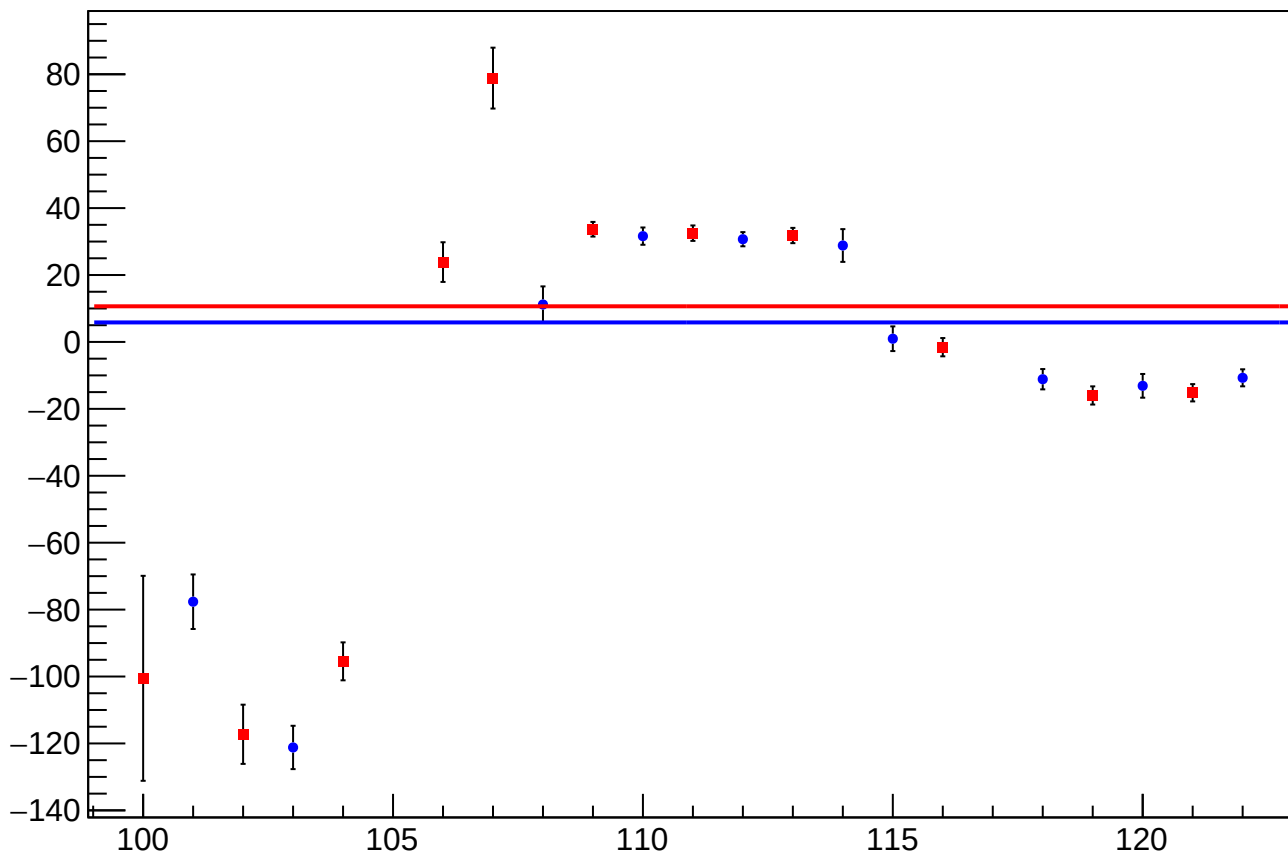
Right: 8.164+/-0.055 χ^2/NDF : 759787.1/20

In: 12.589+/-0.079 χ^2/NDF :307428.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.164+/-0.055 χ^2/NDF : 759787.1/20

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.830+/-1.052 χ^2/NDF : 854.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.651+/-0.957 χ^2/NDF : 1135.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

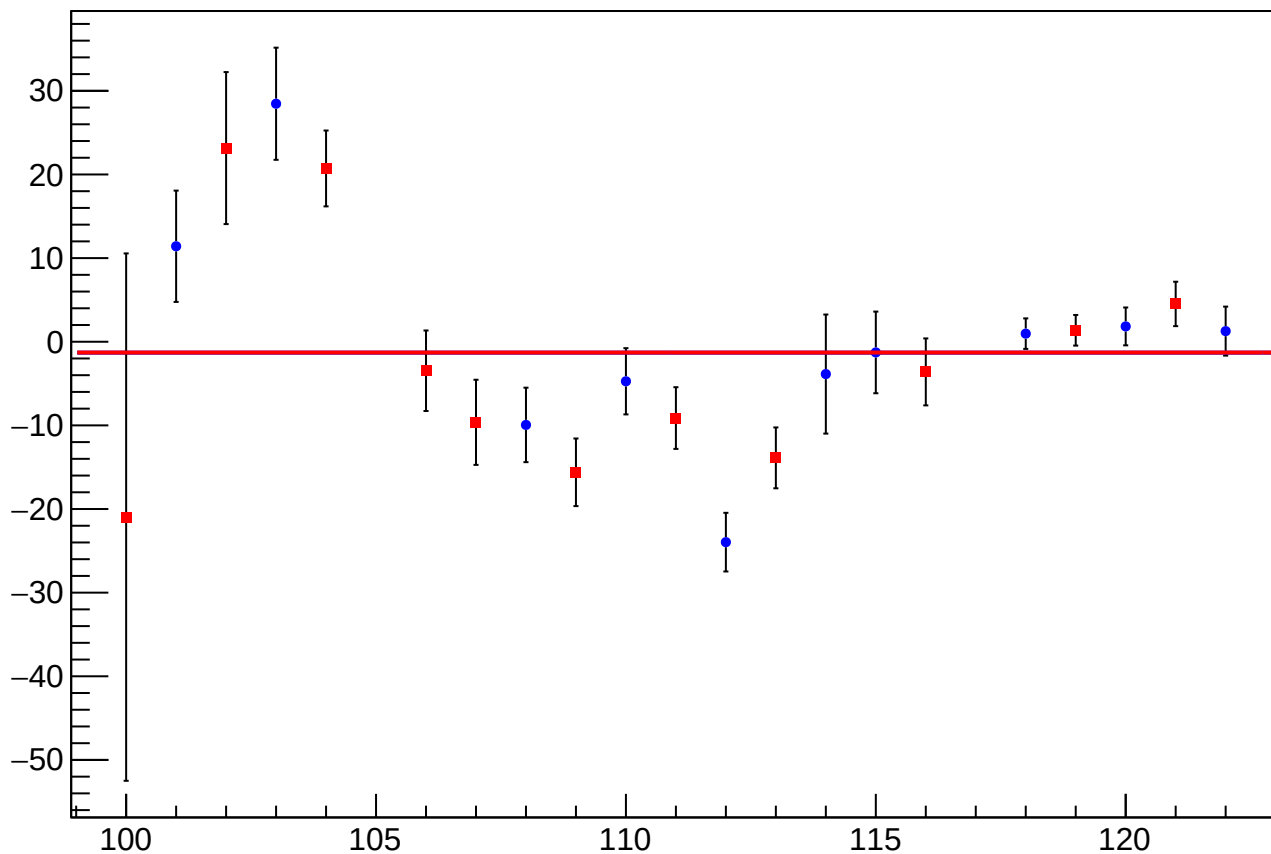
Right: 8.469+/-0.708 χ^2/NDF : 2001.4/20

In: 5.830+/-1.052 χ^2/NDF : 854.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.469+/-0.708 χ^2/NDF : 2001.4/20

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.306+/-1.046 χ^2/NDF : 74.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.291+/-1.081 χ^2/NDF : 70.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

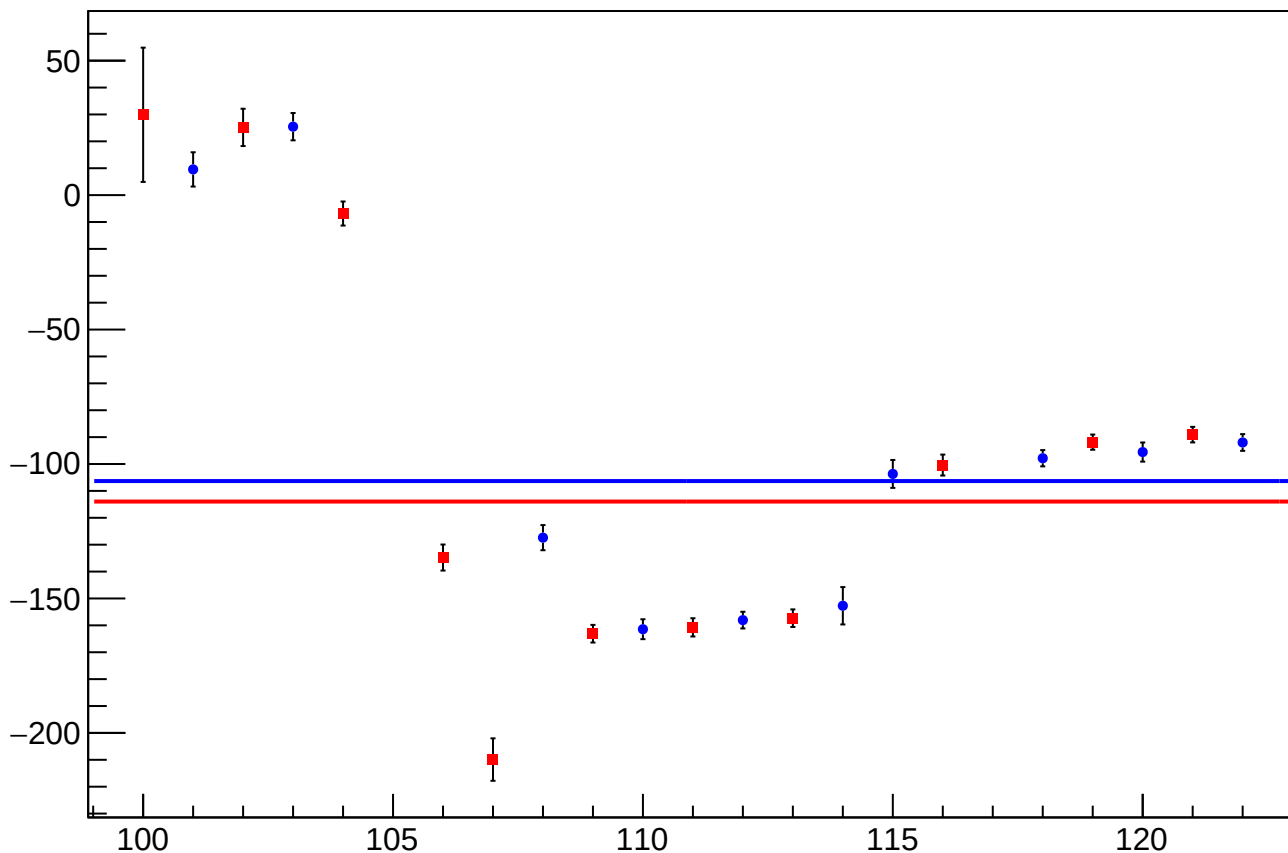
Right: -1.299+/-0.752 χ^2/NDF : 144.4/20

In: -1.306+/-1.046 χ^2/NDF : 74.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.299+/-0.752 χ^2/NDF : 144.4/20

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -106.340+/-1.254 χ^2/NDF : 1606.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -113.960+/-1.182 χ^2/NDF : 1913.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

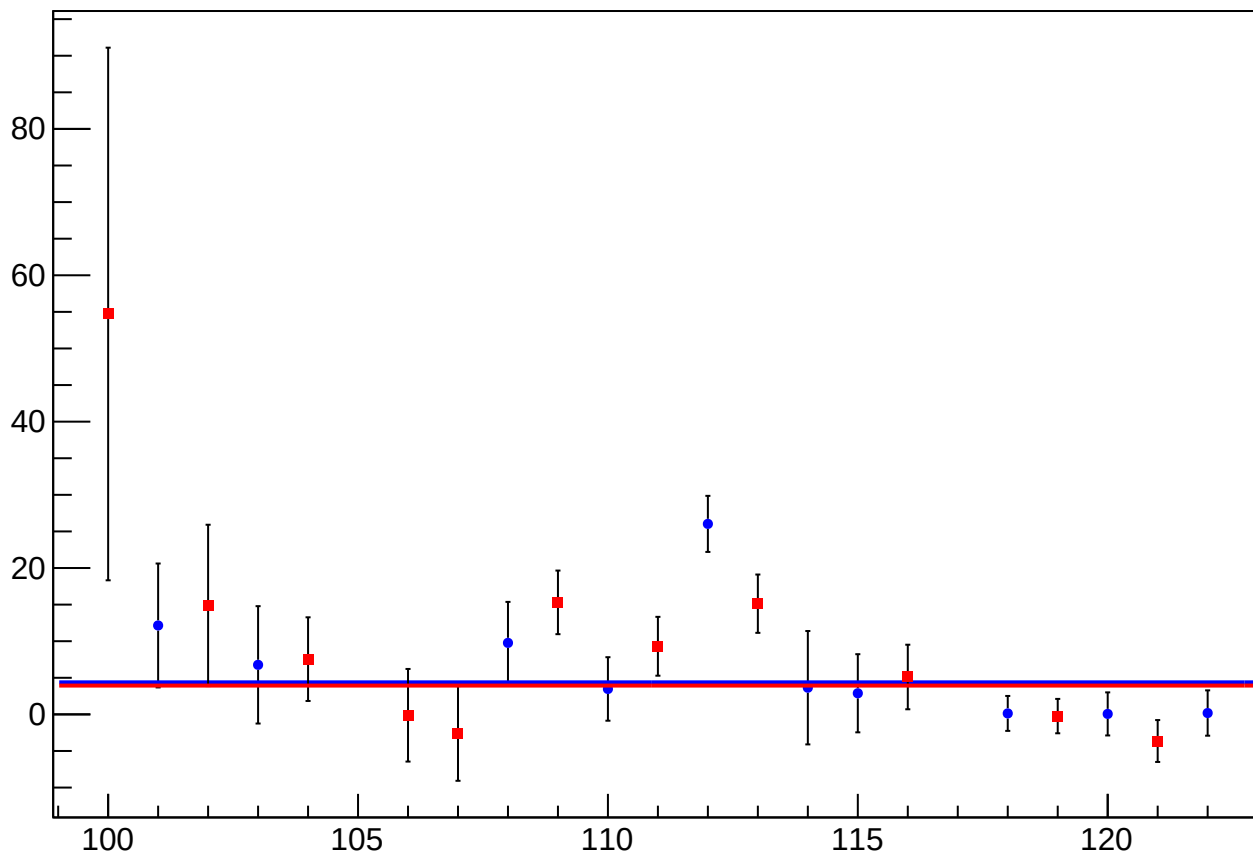
Right: -110.375+/-0.860 χ^2/NDF : 3539.8/20

In: -106.340+/-1.254 χ^2/NDF : 1606.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.375+/-0.860 χ^2/NDF : 3539.8/20

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.378+/-1.260 χ^2/NDF : 41.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.937+/-1.269 χ^2/NDF : 31.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

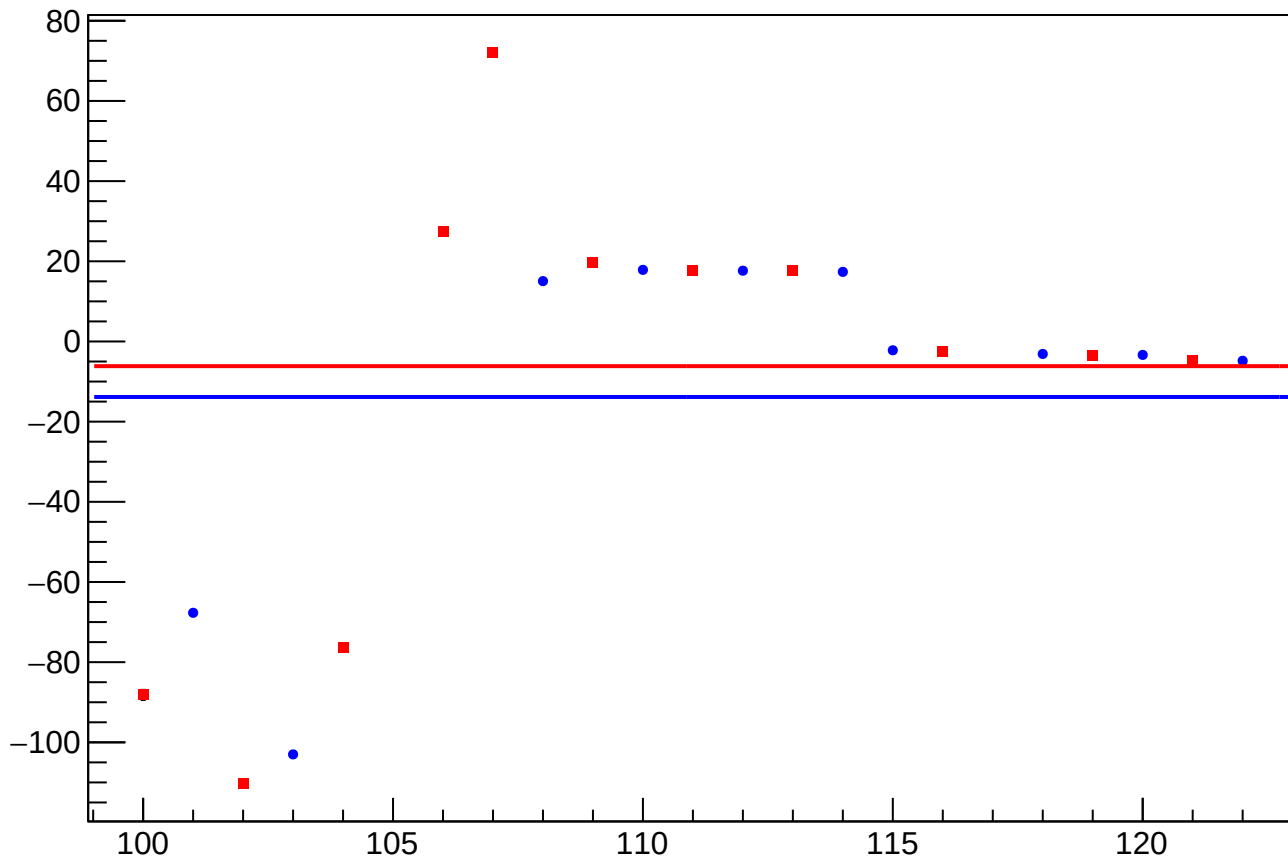
Right: 4.159+/-0.894 χ^2/NDF : 72.6/20

In: 4.378+/-1.260 χ^2/NDF : 41.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.159+/-0.894 χ^2/NDF : 72.6/20

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.847+/-0.084 χ^2/NDF : 254749.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.157+/-0.079 χ^2/NDF : 338787.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

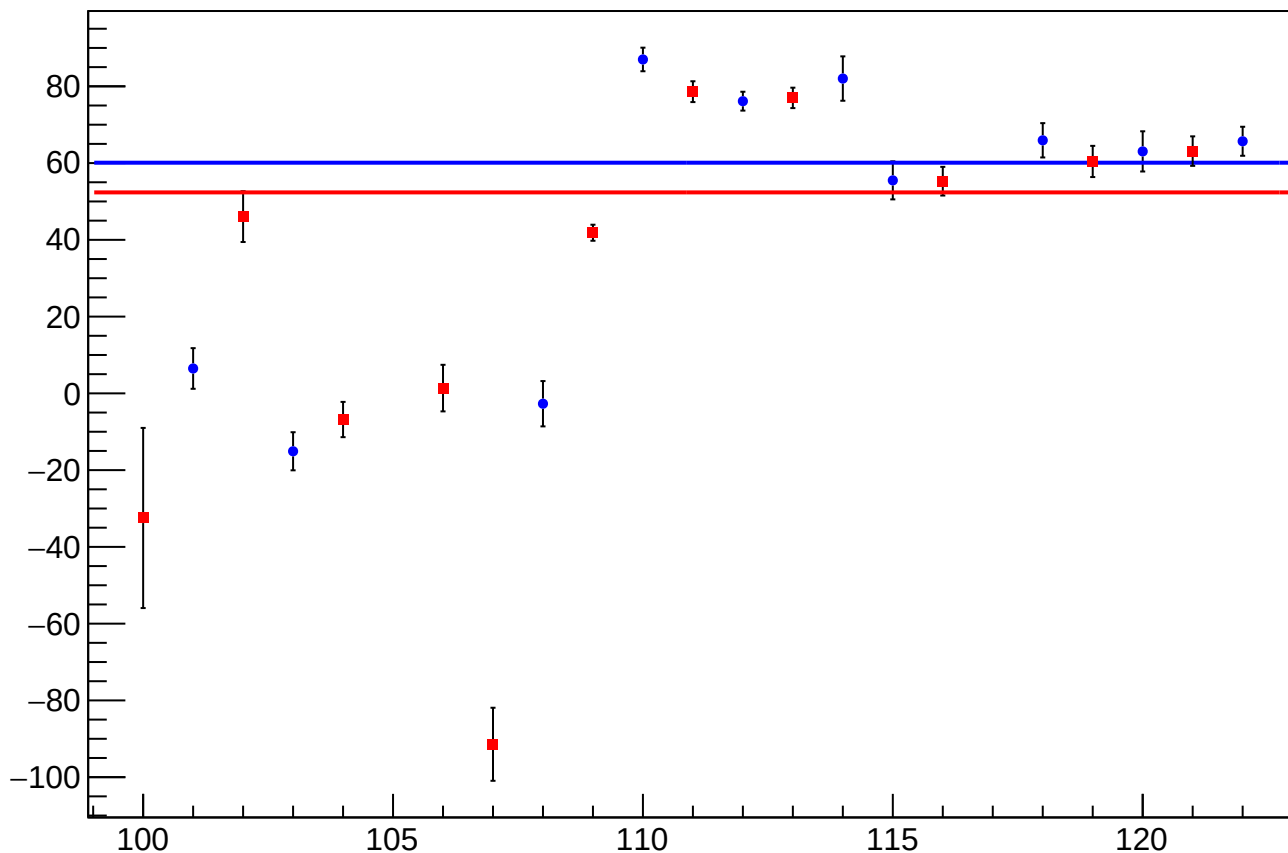
Right: -9.798+/-0.058 χ^2/NDF : 597976.7/20

In: -13.847+/-0.084 χ^2/NDF : 254749.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.798+/-0.058 χ^2/NDF : 597976.7/20

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 60.097+/-1.287 χ^2/NDF : 583.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.360+/-1.107 χ^2/NDF : 695.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

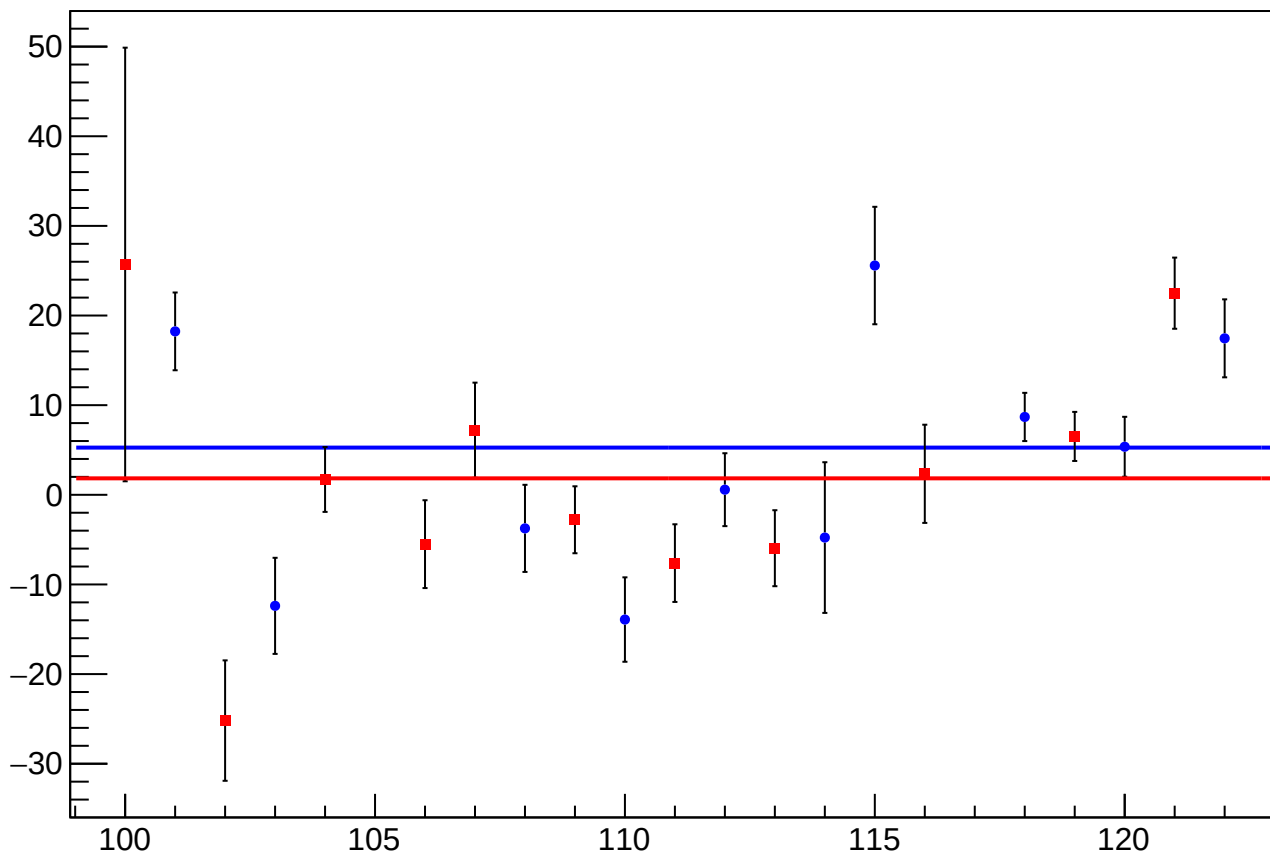
Right: 55.651+/-0.839 χ^2/NDF : 1300.3/20

In: 60.097+/-1.287 χ^2/NDF : 583.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.651+/-0.839 χ^2/NDF : 1300.3/20

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.267+/-1.343 χ^2/NDF : 61.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.836+/-1.304 χ^2/NDF : 60.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

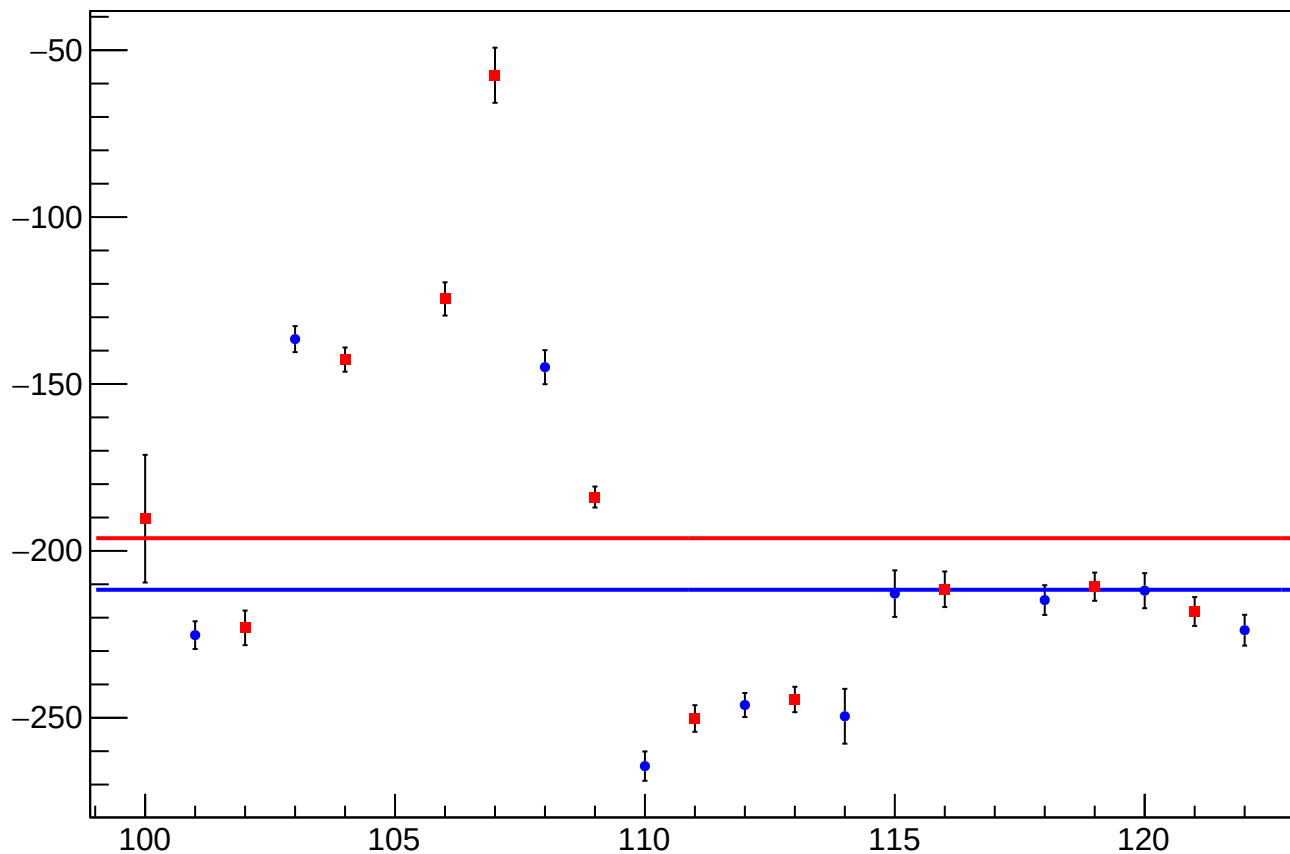
Right: 3.500+/-0.936 χ^2/NDF : 125.1/20

In: 5.267+/-1.343 χ^2/NDF : 61.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.500+/-0.936 χ^2/NDF : 125.1/20

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -211.640 $\pm$ 1.474 χ^2 /NDF: 818.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -196.194 $\pm$ 1.350 χ^2 /NDF: 1140.2/10

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

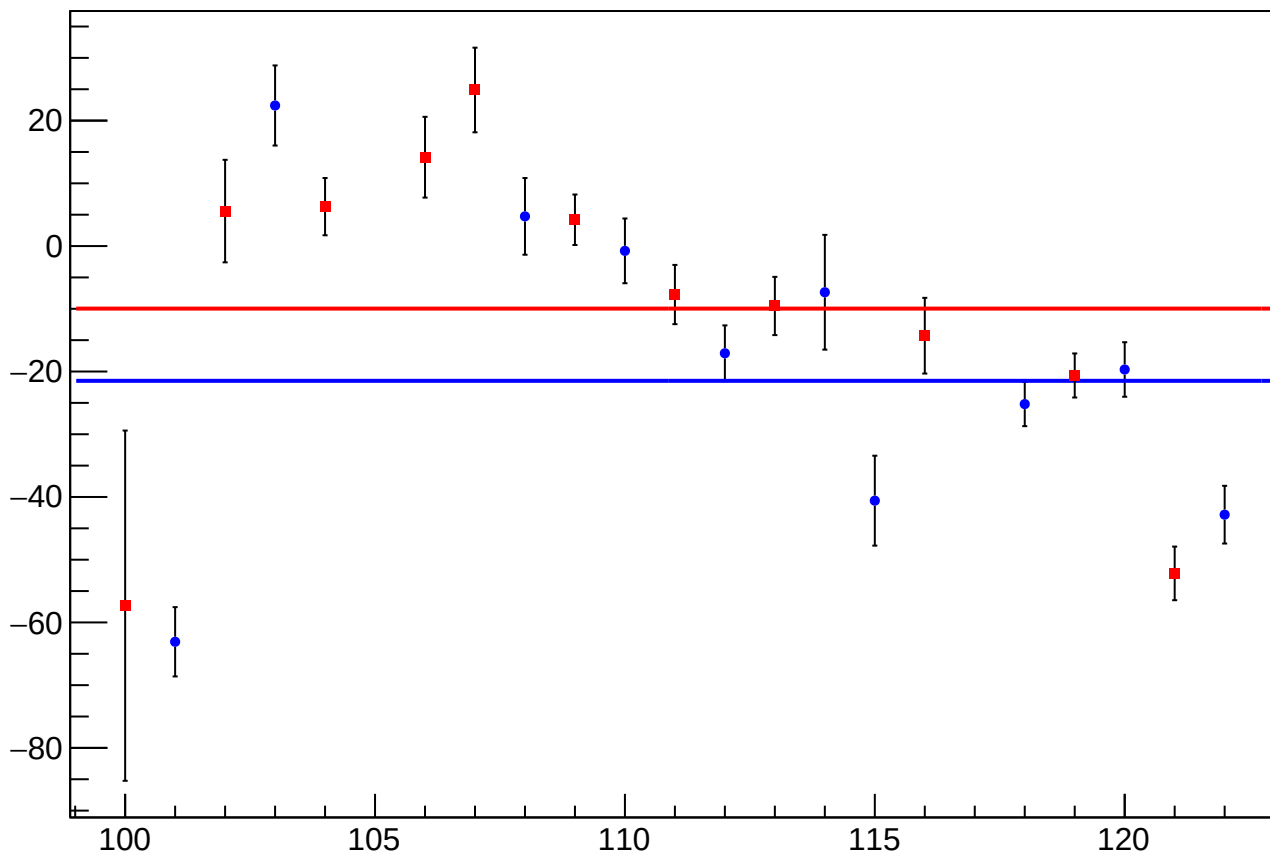
Right: -203.239 $\pm$ 0.995 χ^2 /NDF: 2018.0/20

In: -211.640 $\pm$ 1.474 χ^2 /NDF:818.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -203.239 $\pm$ 0.995 χ^2 /NDF: 2018.0/20

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.485 ± 1.612 χ^2/NDF : 171.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.969 ± 1.531 χ^2/NDF : 179.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

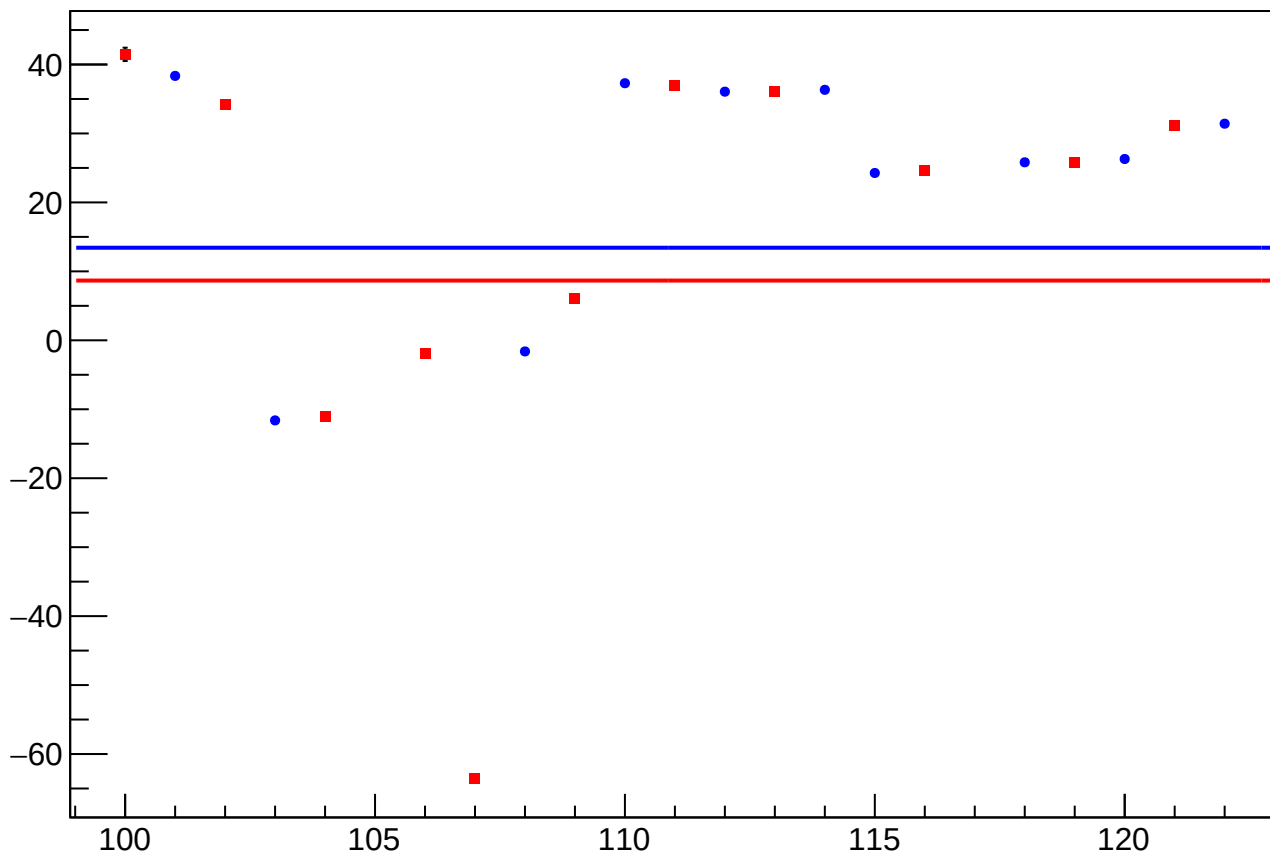
Right: -15.429 ± 1.110 χ^2/NDF : 378.4/20

In: -21.485 ± 1.612 χ^2/NDF : 171.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.429 ± 1.110 χ^2/NDF : 378.4/20

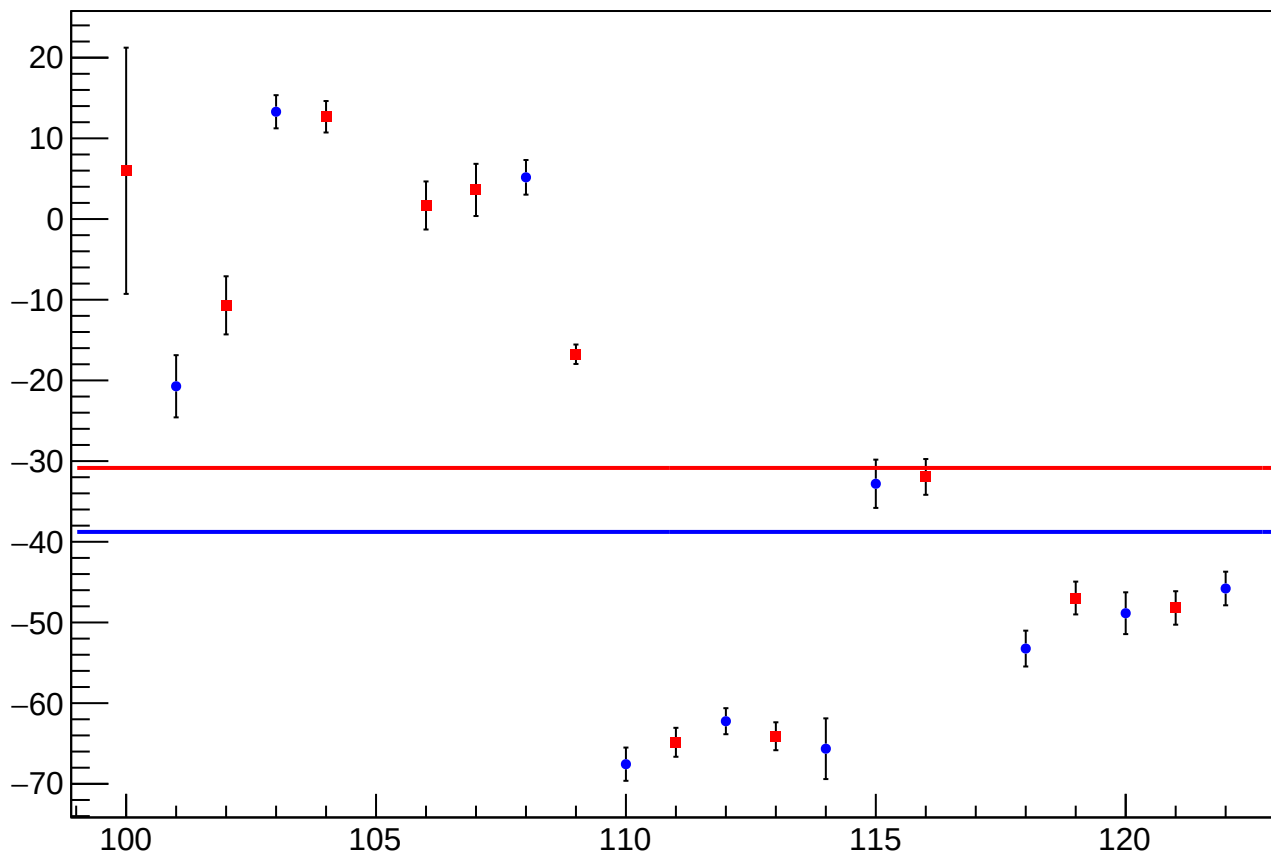
reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.428 $\pm$ 0.089 χ^2/NDF : 56386.3/9
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 8.668 $\pm$ 0.082 χ^2/NDF : 100788.0/10
 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: 10.853 $\pm$ 0.060 χ^2/NDF : 158713.0/20
 In: 13.428 $\pm$ 0.089 χ^2/NDF : 56386.3/9
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 10.853 $\pm$ 0.060 χ^2/NDF : 158713.0/20

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -38.777 $\pm$ 0.724 χ^2 /NDF: 1613.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.848 $\pm$ 0.624 χ^2 /NDF: 1766.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

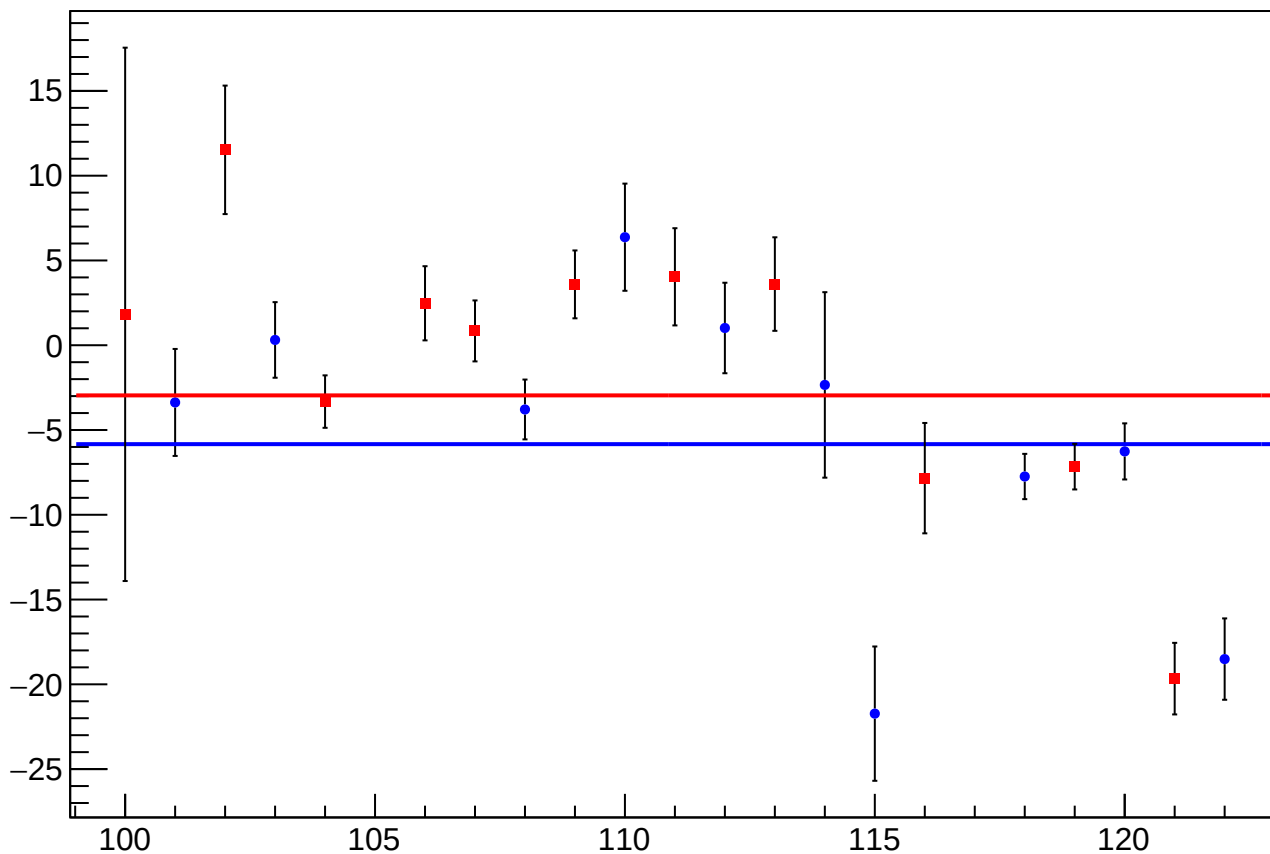
Right: -34.228 $\pm$ 0.473 χ^2 /NDF: 3449.1/20

In: -38.777 $\pm$ 0.724 χ^2 /NDF:1613.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -34.228 $\pm$ 0.473 χ^2 /NDF: 3449.1/20

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.834 $\pm$ 0.697 χ^2 /NDF: 77.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.958 $\pm$ 0.648 χ^2 /NDF: 122.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

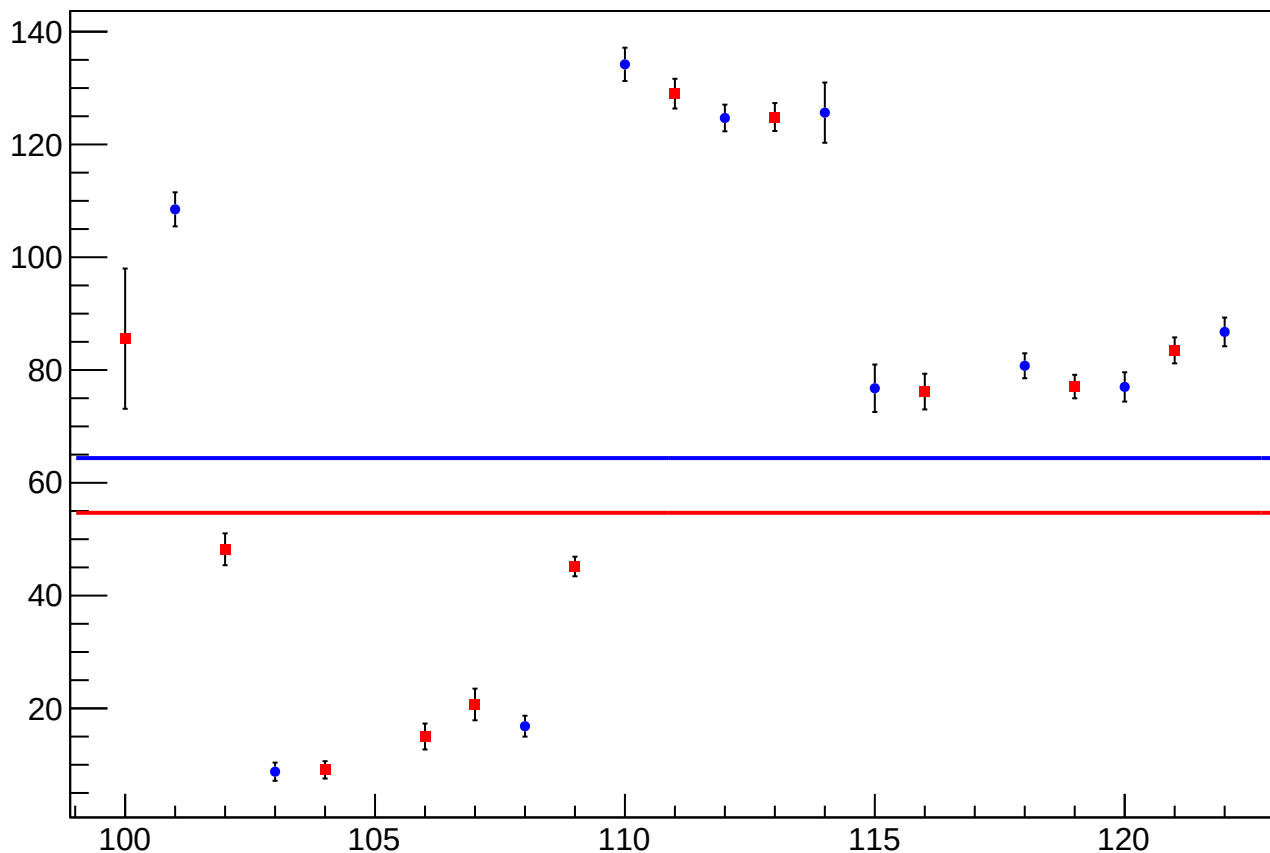
Right: -4.291 $\pm$ 0.474 χ^2 /NDF: 209.1/20

In: -5.834 $\pm$ 0.697 χ^2 /NDF:77.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.291 $\pm$ 0.474 χ^2 /NDF: 209.1/20

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 64.386+/-0.772 χ^2/NDF : 3566.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.676+/-0.703 χ^2/NDF : 3278.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

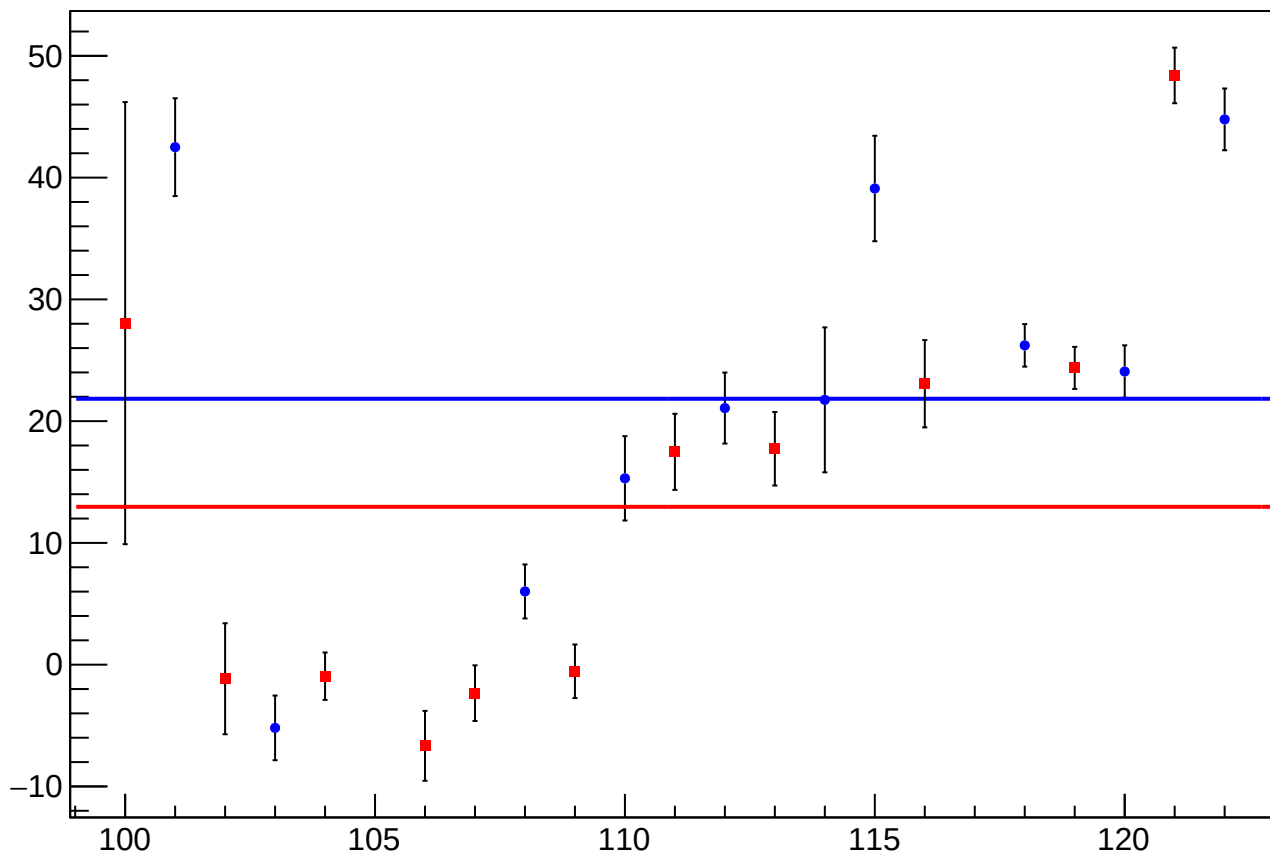
Right: 59.074+/-0.520 χ^2/NDF : 6931.9/20

In: 64.386+/-0.772 χ^2/NDF :3566.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 59.074+/-0.520 χ^2/NDF : 6931.9/20

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.838+/-0.849 χ^2/NDF : 289.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.963+/-0.778 χ^2/NDF : 487.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

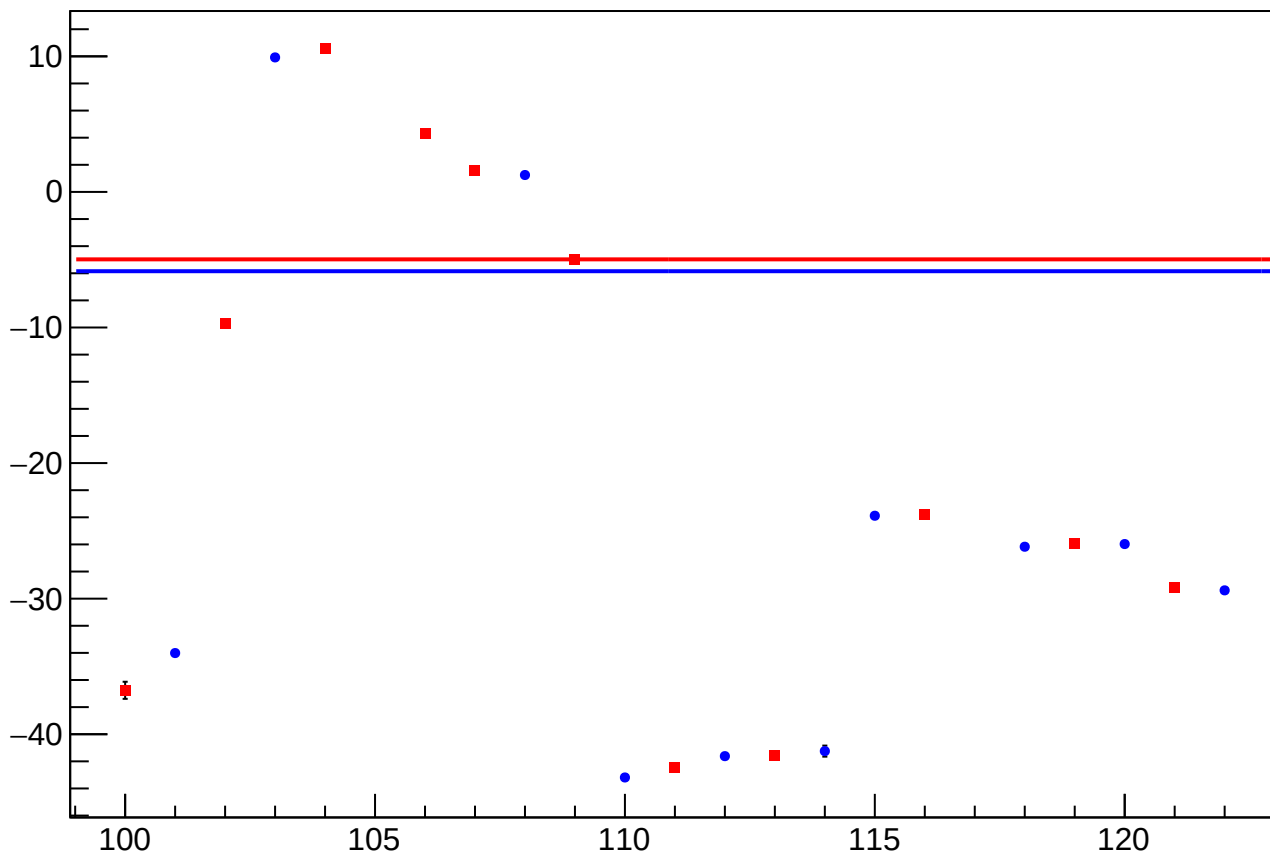
Right: 17.017+/-0.573 χ^2/NDF : 837.0/20

In: 21.838+/-0.849 χ^2/NDF : 289.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.017+/-0.573 χ^2/NDF : 837.0/20

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.848+/-0.042 χ^2/NDF : 197989.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.974+/-0.040 χ^2/NDF : 166946.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

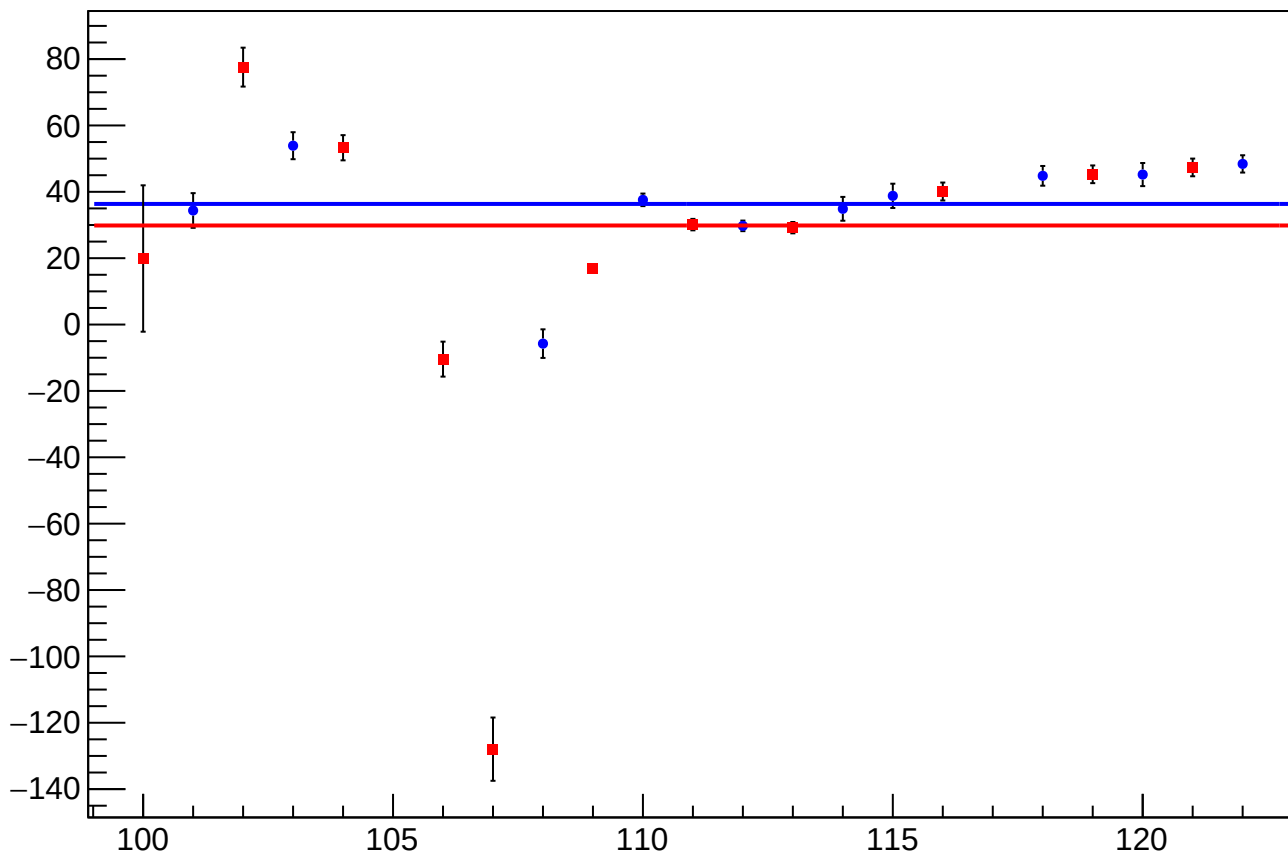
Right: -5.395+/-0.029 χ^2/NDF : 365162.6/20

In: -5.848+/-0.042 χ^2/NDF : 197989.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.395+/-0.029 χ^2/NDF : 365162.6/20

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 36.348 $\pm$ 0.871 χ^2 /NDF: 168.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.854 $\pm$ 0.770 χ^2 /NDF: 601.3/10

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

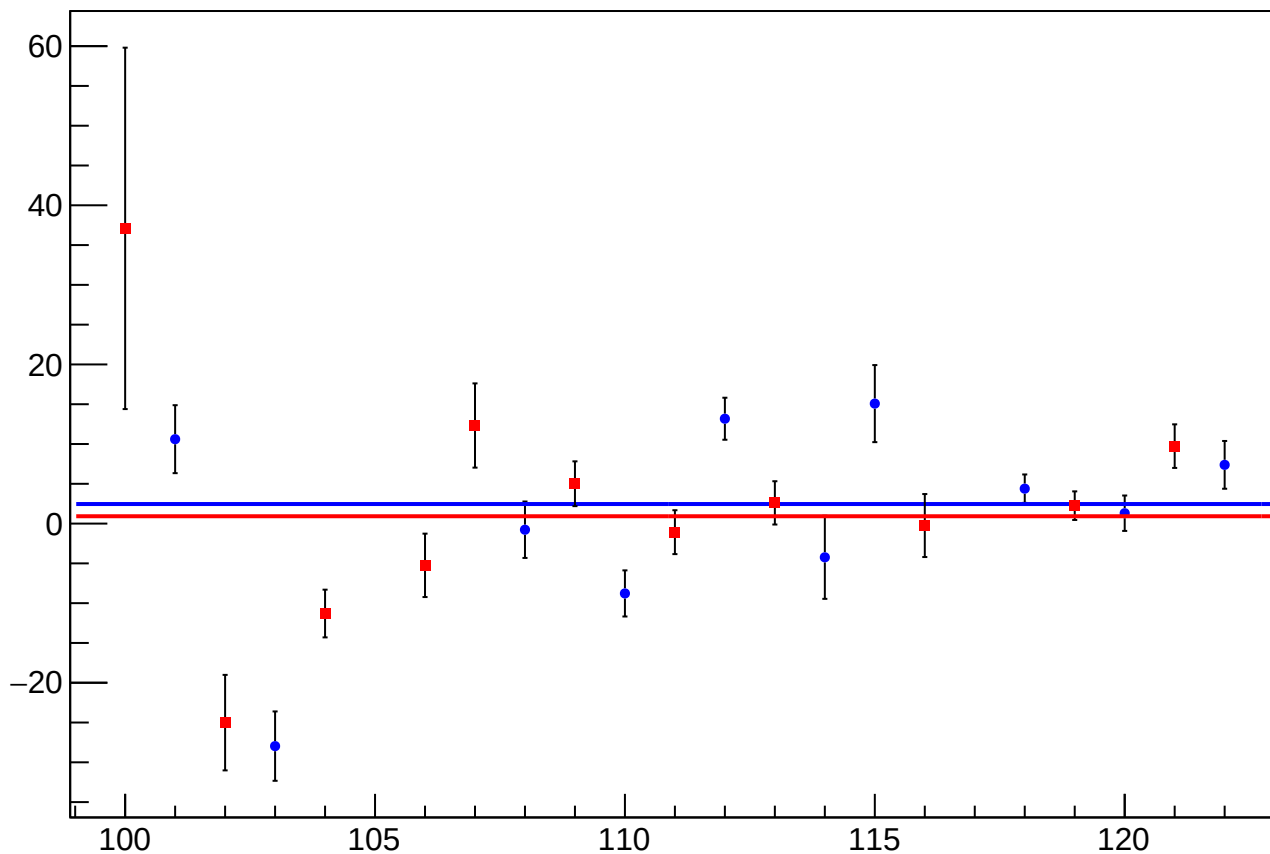
Right: 32.701 $\pm$ 0.577 χ^2 /NDF: 800.9/20

In: 36.348 $\pm$ 0.871 χ^2 /NDF:168.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.701 $\pm$ 0.577 χ^2 /NDF: 800.9/20

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.458+/-0.930 χ^2/NDF : 97.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.923+/-0.937 χ^2/NDF : 58.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

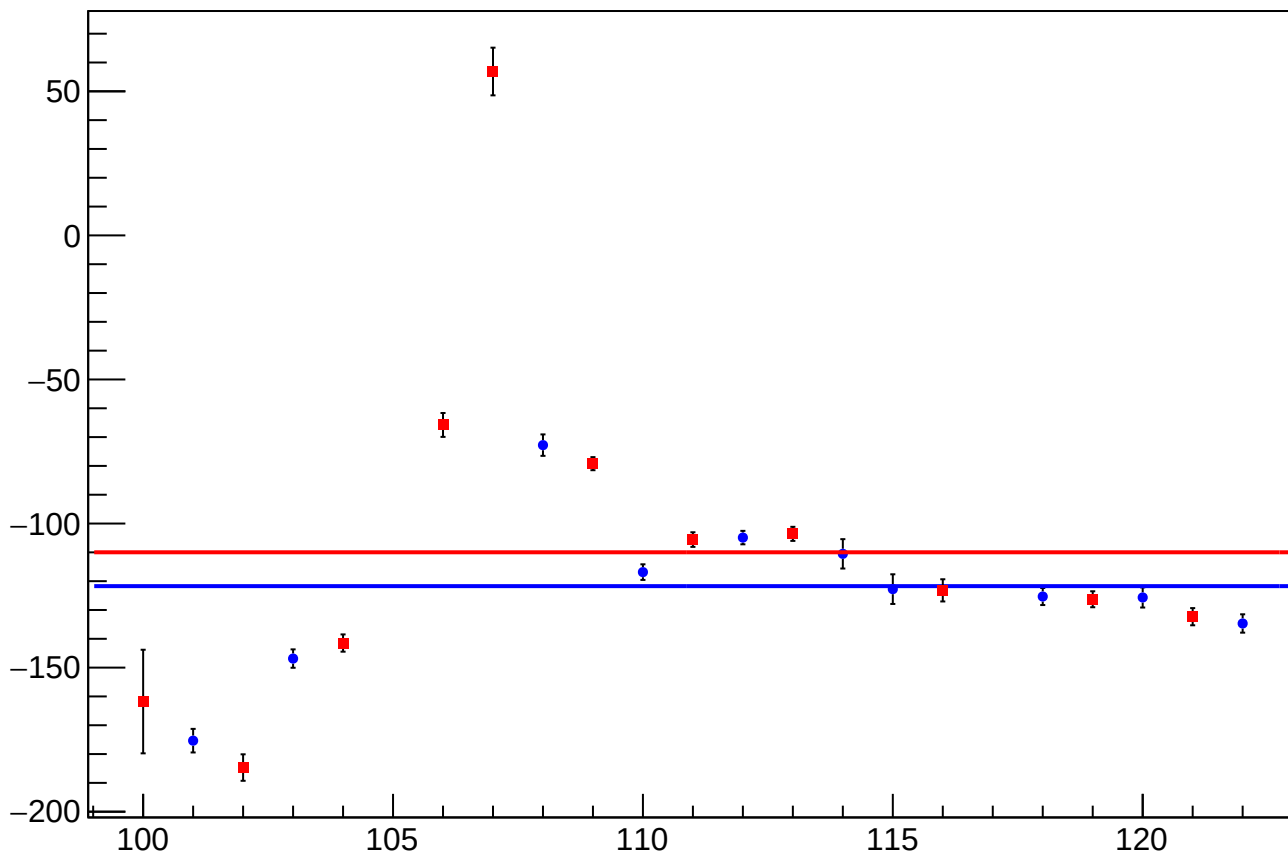
Right: 1.696+/-0.660 χ^2/NDF : 157.5/20

In: 2.458+/-0.930 χ^2/NDF : 97.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.696+/-0.660 χ^2/NDF : 157.5/20

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -121.723+/-1.042 χ^2/NDF : 486.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.977+/-0.971 χ^2/NDF : 1199.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

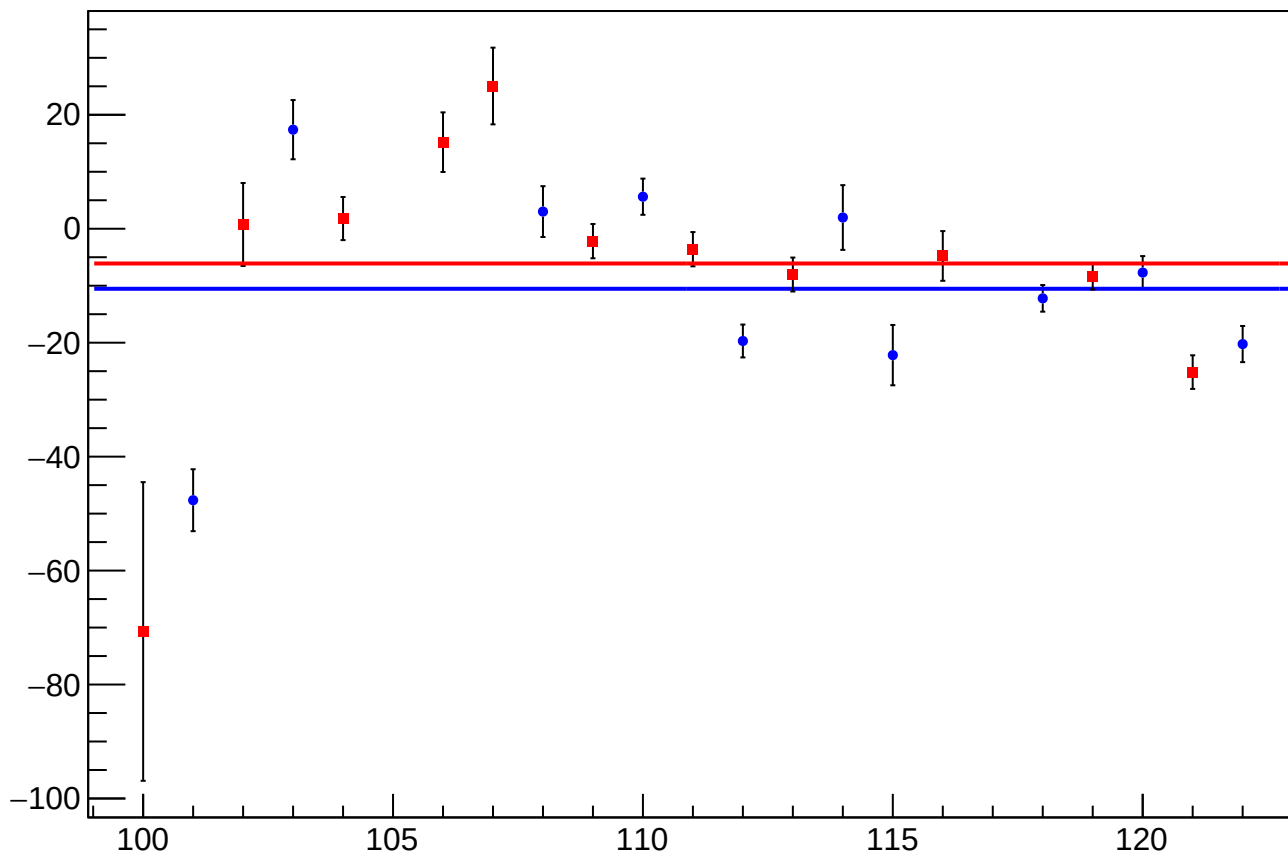
Right: -115.432+/-0.710 χ^2/NDF : 1753.7/20

In: -121.723+/-1.042 χ^2/NDF : 486.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.432+/-0.710 χ^2/NDF : 1753.7/20

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.537 ± 1.112 χ^2/NDF : 141.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.098 ± 1.092 χ^2/NDF : 94.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

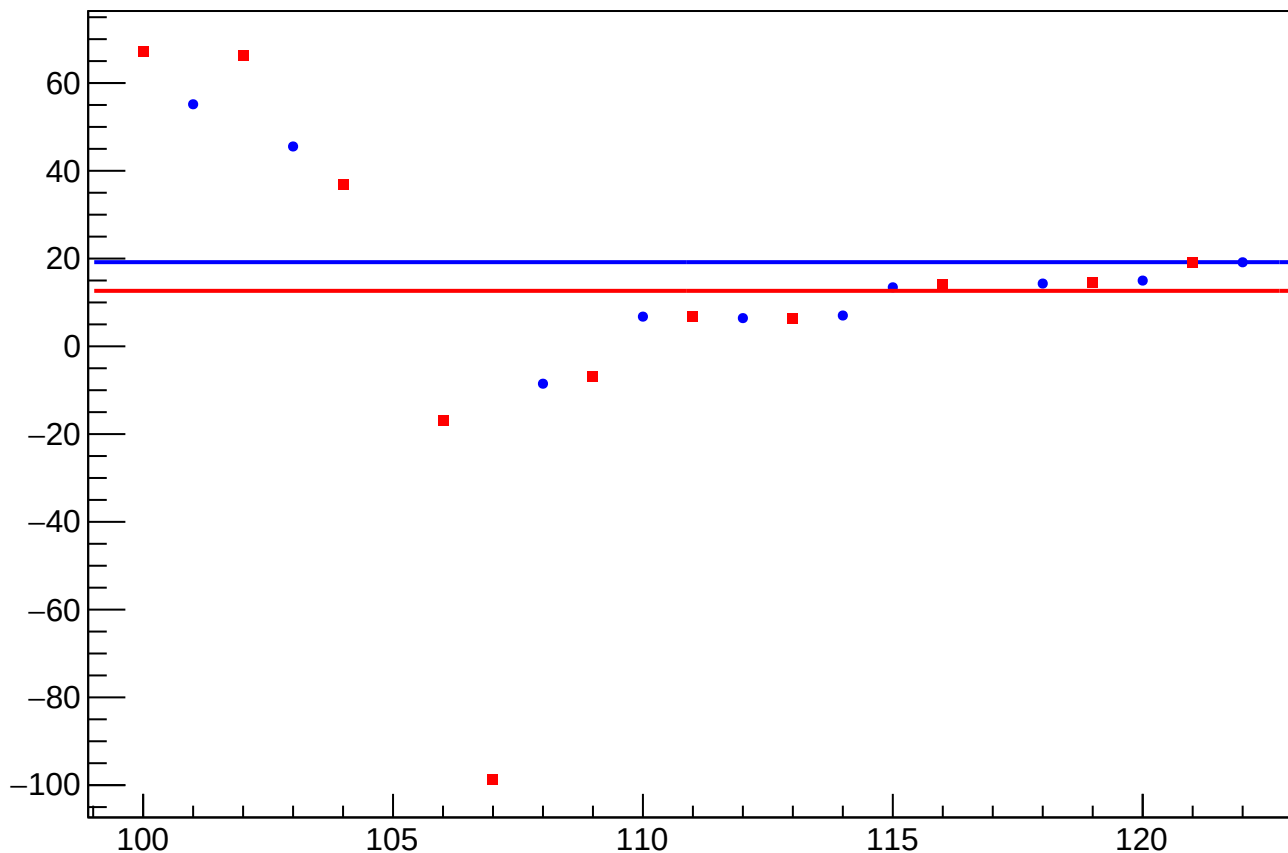
Right: -8.279 ± 0.779 χ^2/NDF : 244.2/20

In: -10.537 ± 1.112 χ^2/NDF : 141.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.279 ± 0.779 χ^2/NDF : 244.2/20

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.180+/-0.066 χ^2/NDF : 104024.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.643+/-0.064 χ^2/NDF : 251521.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

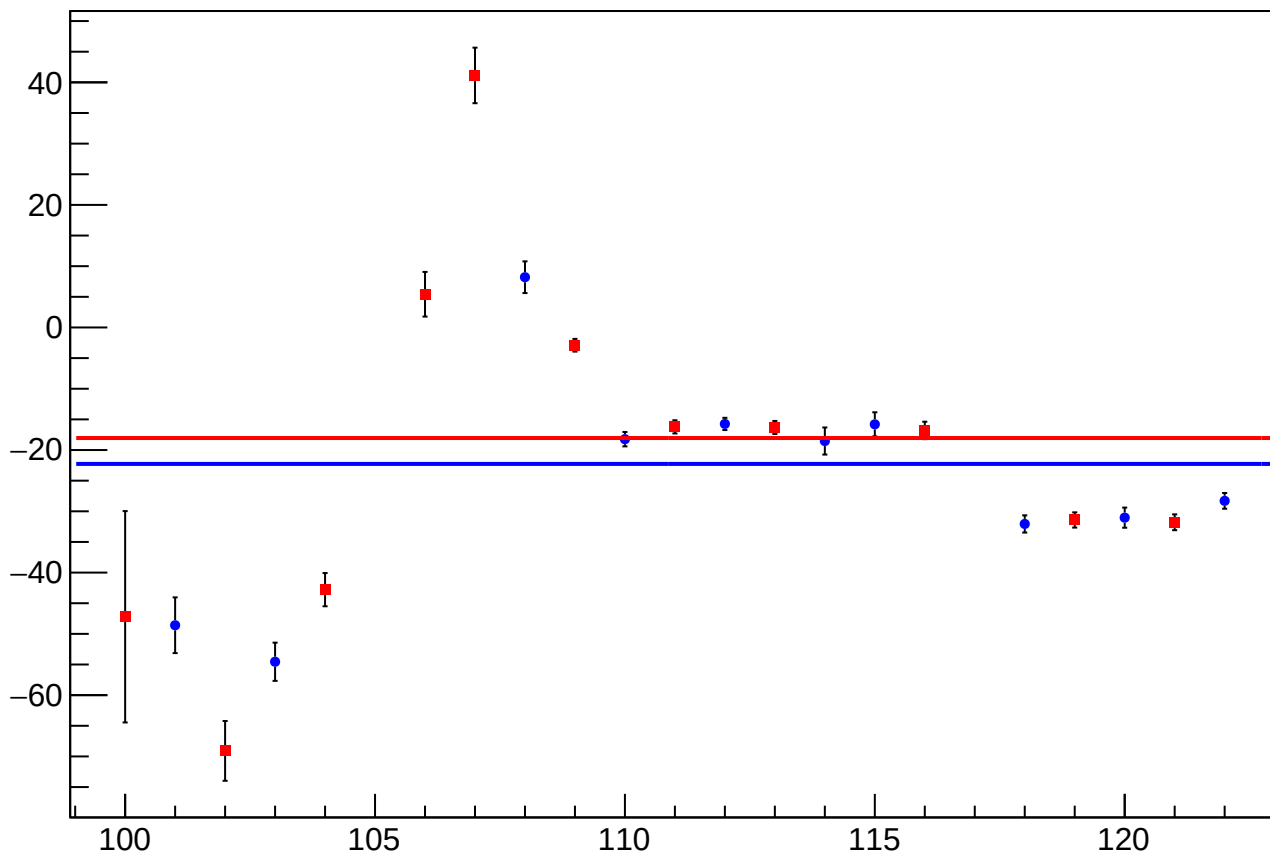
Right: 15.785+/-0.046 χ^2/NDF : 360612.8/20

In: 19.180+/-0.066 χ^2/NDF : 104024.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.785+/-0.046 χ^2/NDF : 360612.8/20

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.267 ± 0.502 χ^2/NDF : 446.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.042 ± 0.460 χ^2/NDF : 857.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

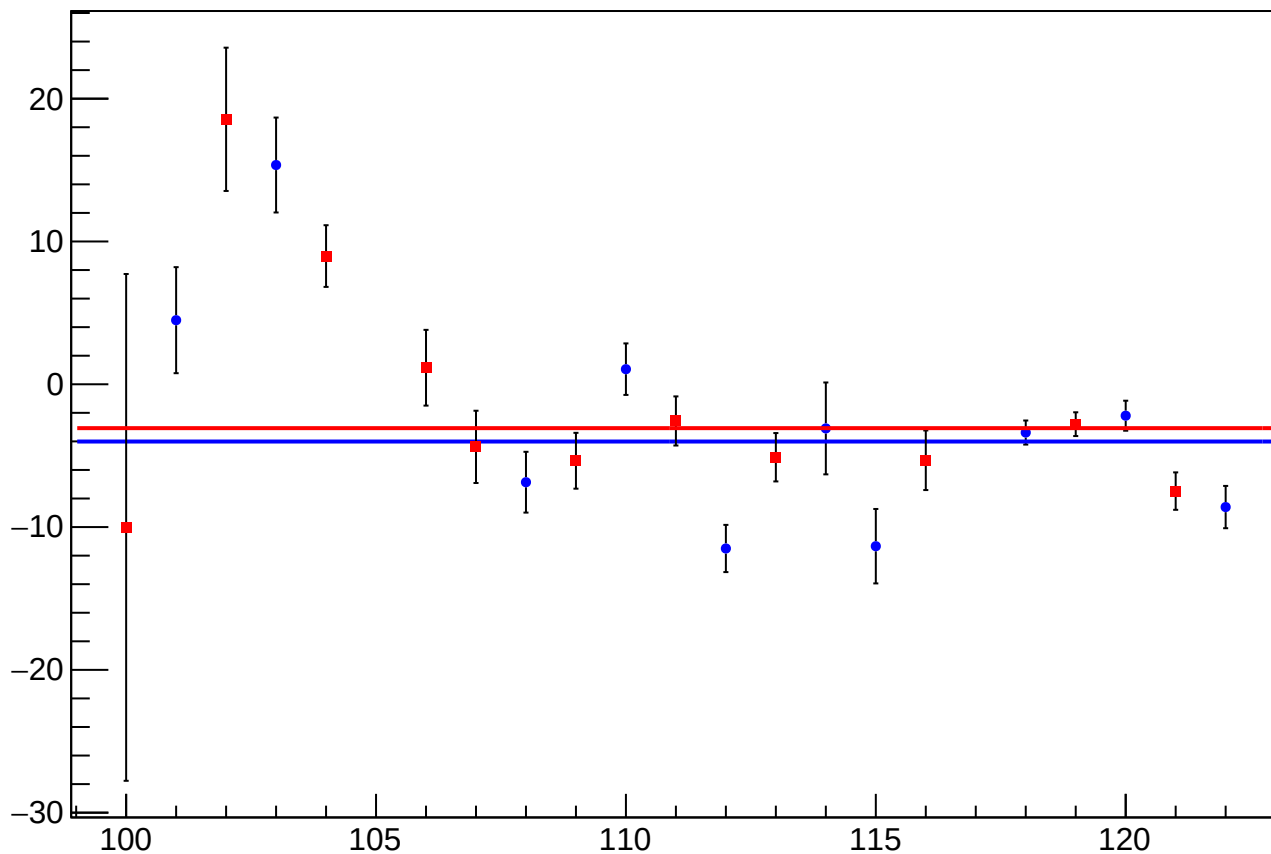
Right: -19.971 ± 0.339 χ^2/NDF : 1342.2/20

In: -22.267 ± 0.502 χ^2/NDF : 446.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.971 ± 0.339 χ^2/NDF : 1342.2/20

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.009 ± 0.496 χ^2/NDF : 90.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.073 ± 0.516 χ^2/NDF : 68.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

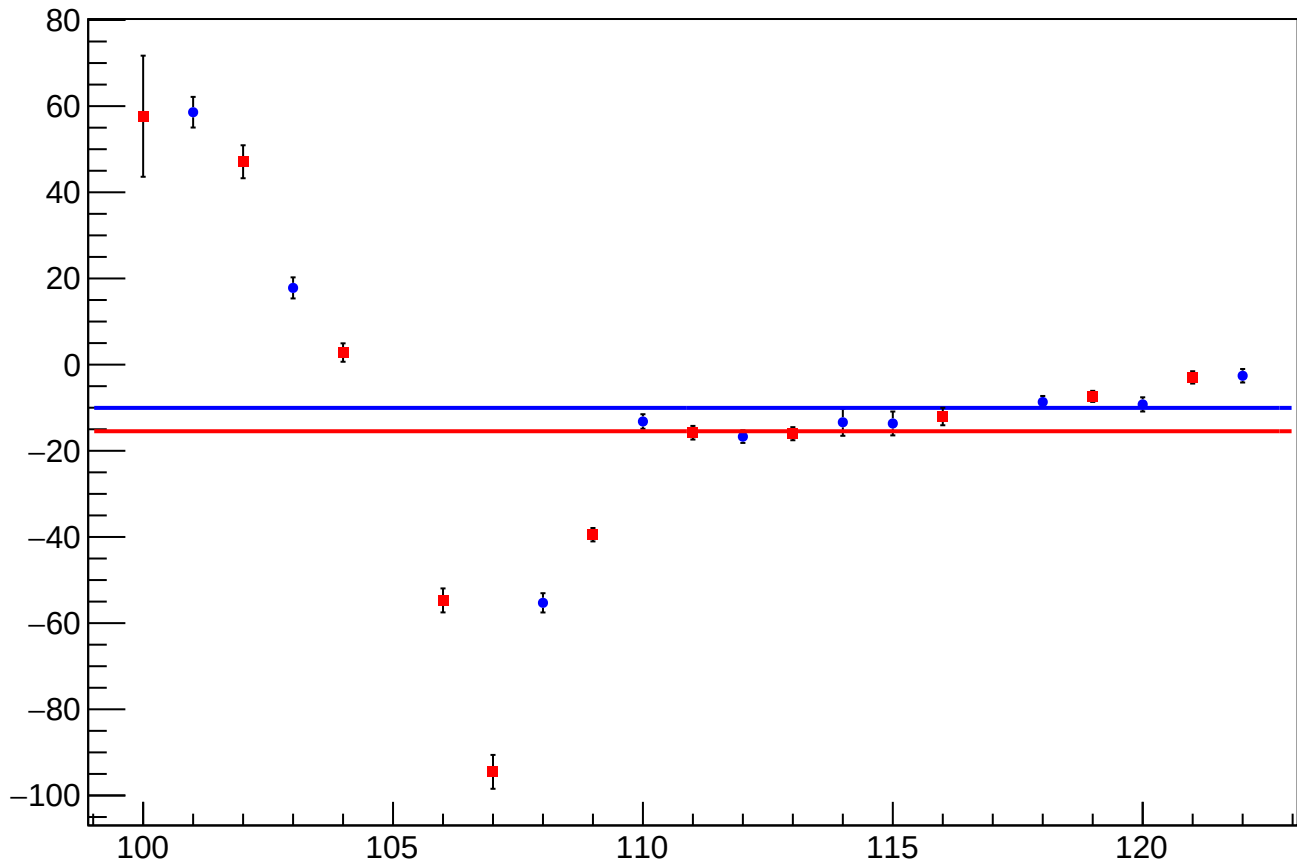
Right: -3.559 ± 0.357 χ^2/NDF : 160.4/20

In: -4.009 ± 0.496 χ^2/NDF : 90.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.559 ± 0.357 χ^2/NDF : 160.4/20

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.040 $\pm$ 0.599 χ^2 /NDF: 962.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.459 $\pm$ 0.571 χ^2 /NDF: 1328.1/10

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

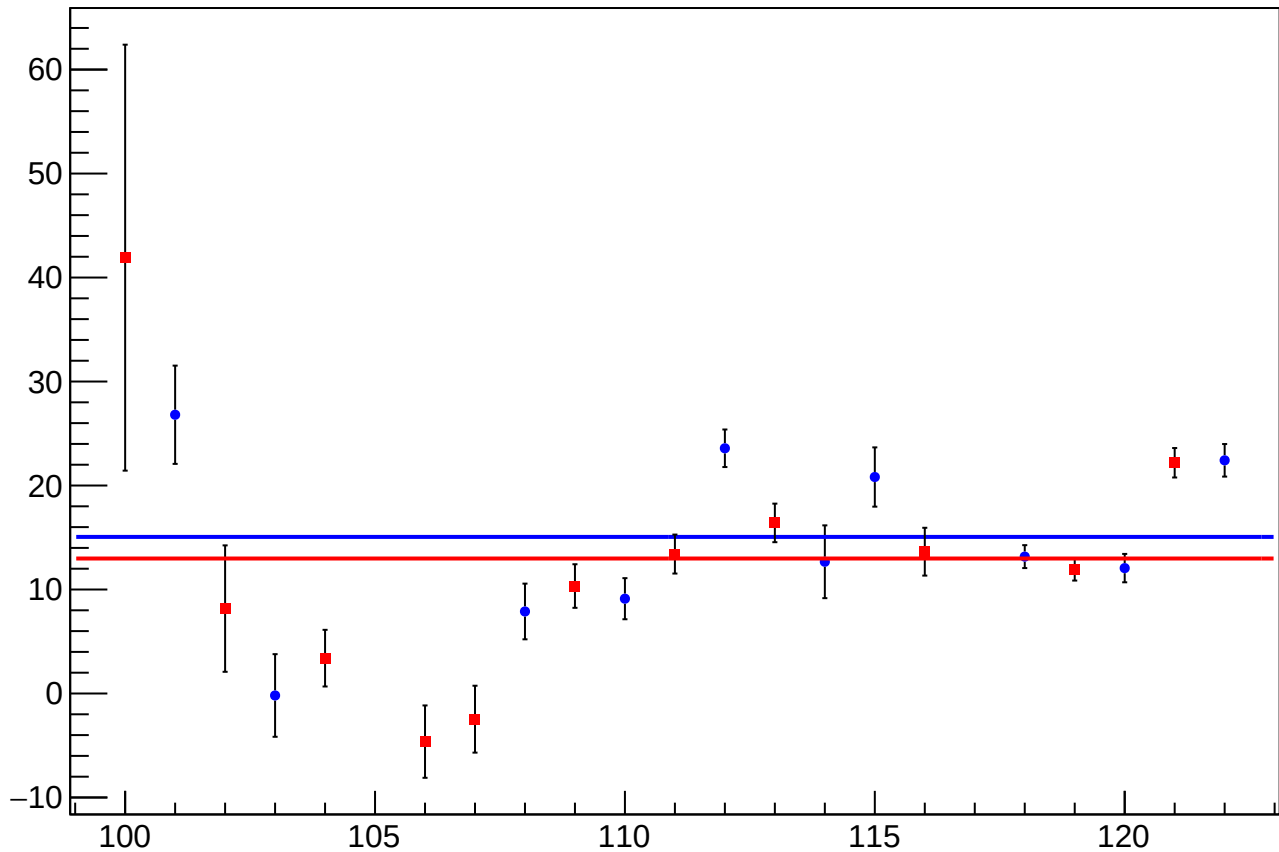
Right: -12.882 $\pm$ 0.413 χ^2 /NDF: 2333.3/20

In: -10.040 $\pm$ 0.599 χ^2 /NDF:962.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.882 $\pm$ 0.413 χ^2 /NDF: 2333.3/20

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.059+/-0.599 χ^2/NDF : 93.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.980+/-0.607 χ^2/NDF : 112.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

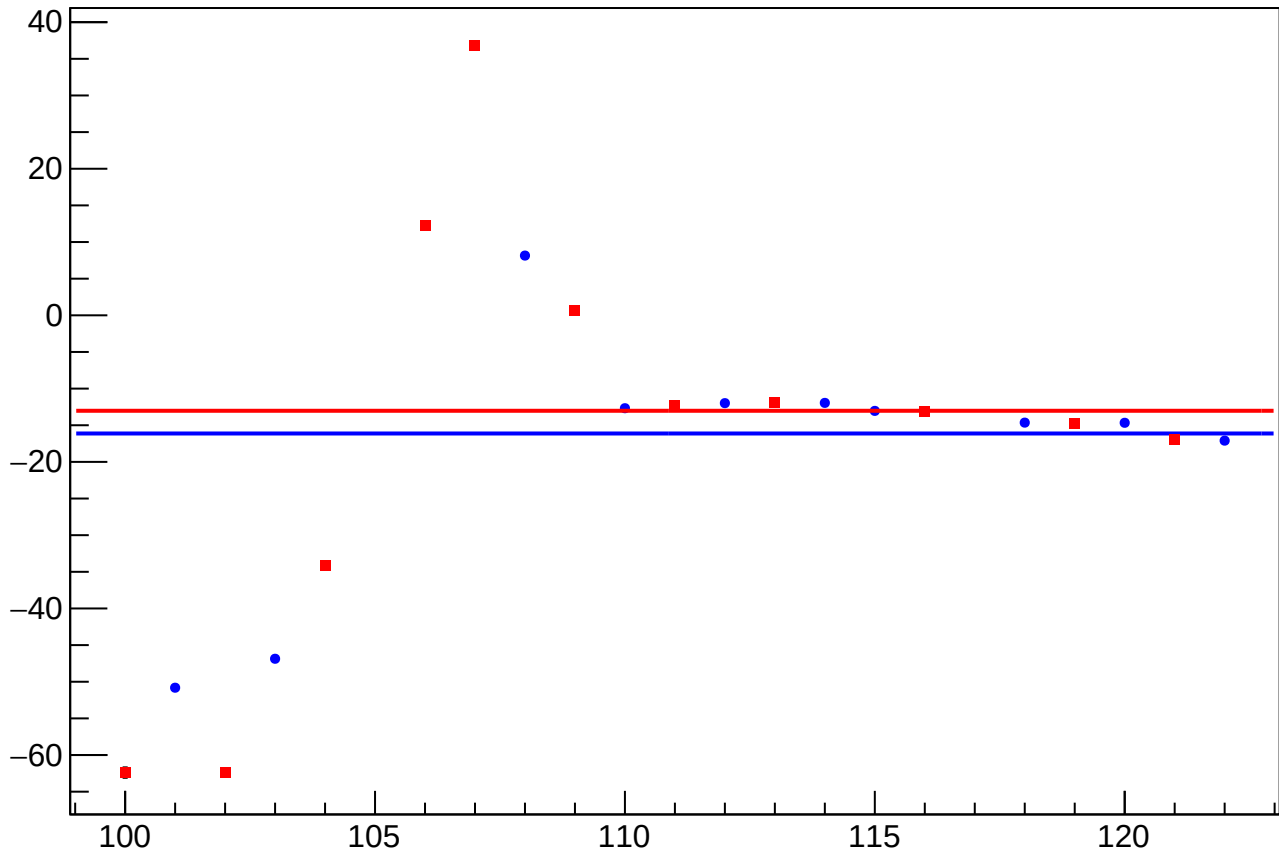
Right: 14.033+/-0.427 χ^2/NDF : 211.9/20

In: 15.059+/-0.599 χ^2/NDF : 93.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.033+/-0.427 χ^2/NDF : 211.9/20

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.125+/-0.040 χ^2/NDF : 190519.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.026+/-0.039 χ^2/NDF : 278335.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

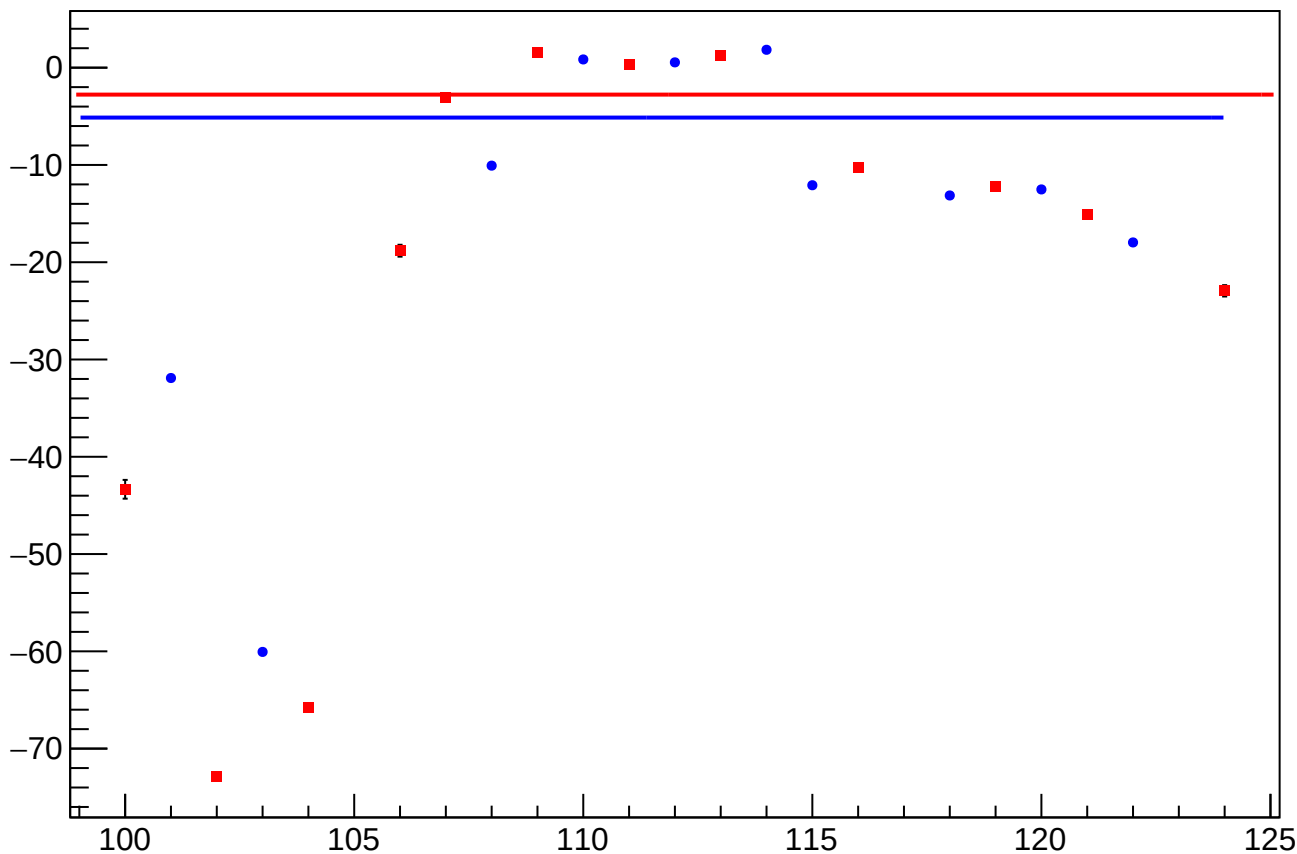
Right: -14.543+/-0.028 χ^2/NDF : 471890.8/20

In: -16.125+/-0.040 χ^2/NDF : 190519.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.543+/-0.028 χ^2/NDF : 471890.8/20

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.130+/-0.065 χ^2/NDF : 34402.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.769+/-0.052 χ^2/NDF : 53963.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

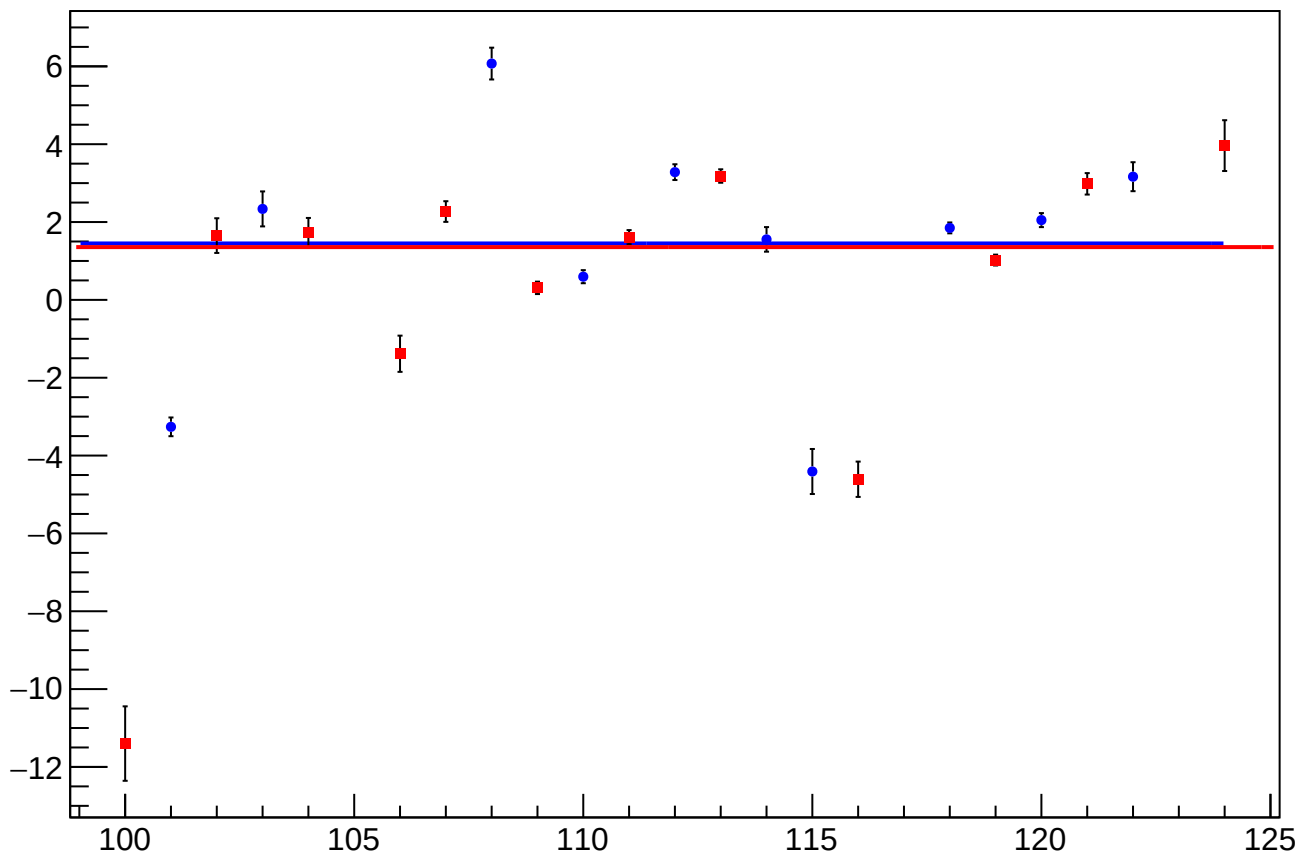
Right: -3.692+/-0.040 χ^2/NDF : 89176.2/21

In: -5.130+/-0.065 χ^2/NDF :34402.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.692+/-0.040 χ^2/NDF : 89176.2/21

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.449+/-0.073 χ^2/NDF : 766.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.356+/-0.070 χ^2/NDF : 611.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

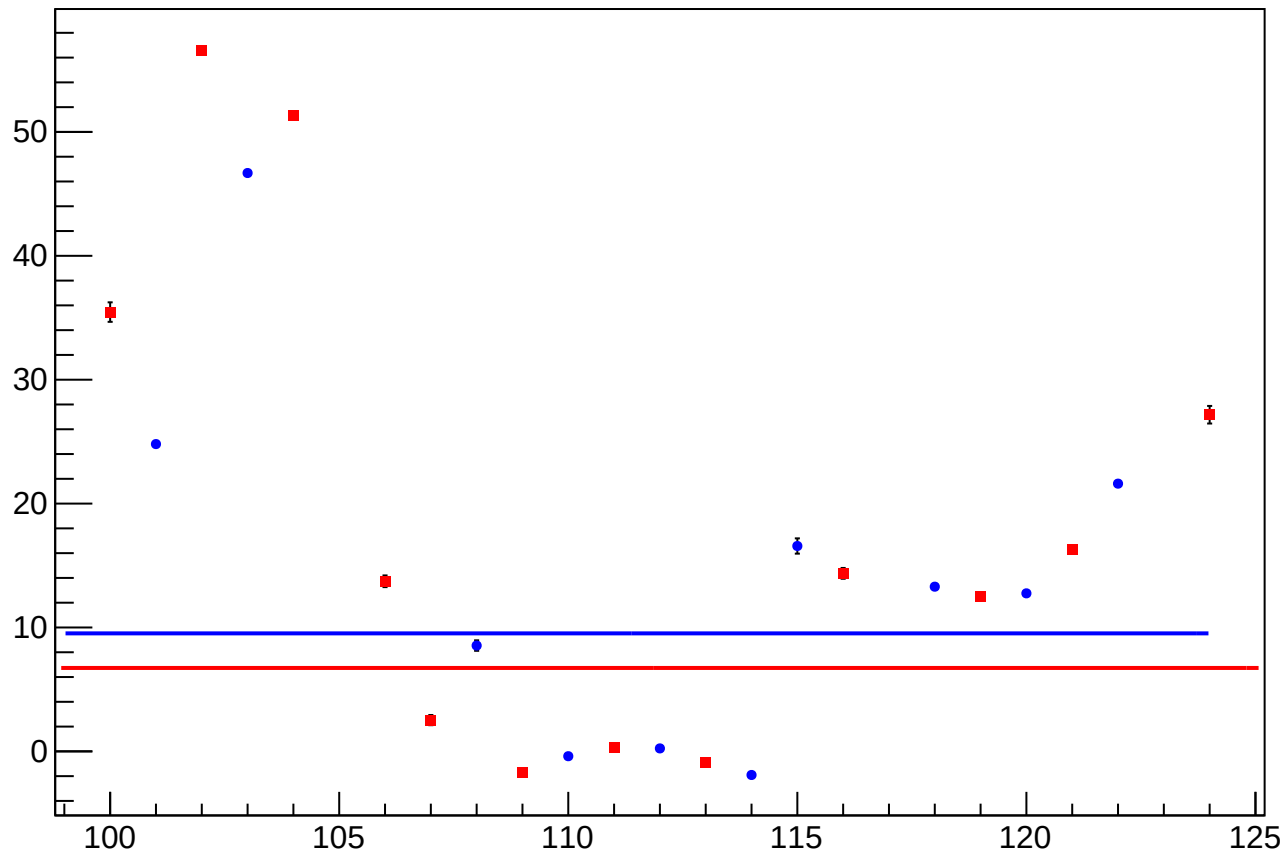
Right: 1.401+/-0.050 χ^2/NDF : 1379.2/21

In: 1.449+/-0.073 χ^2/NDF : 766.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.401+/-0.050 χ^2/NDF : 1379.2/21

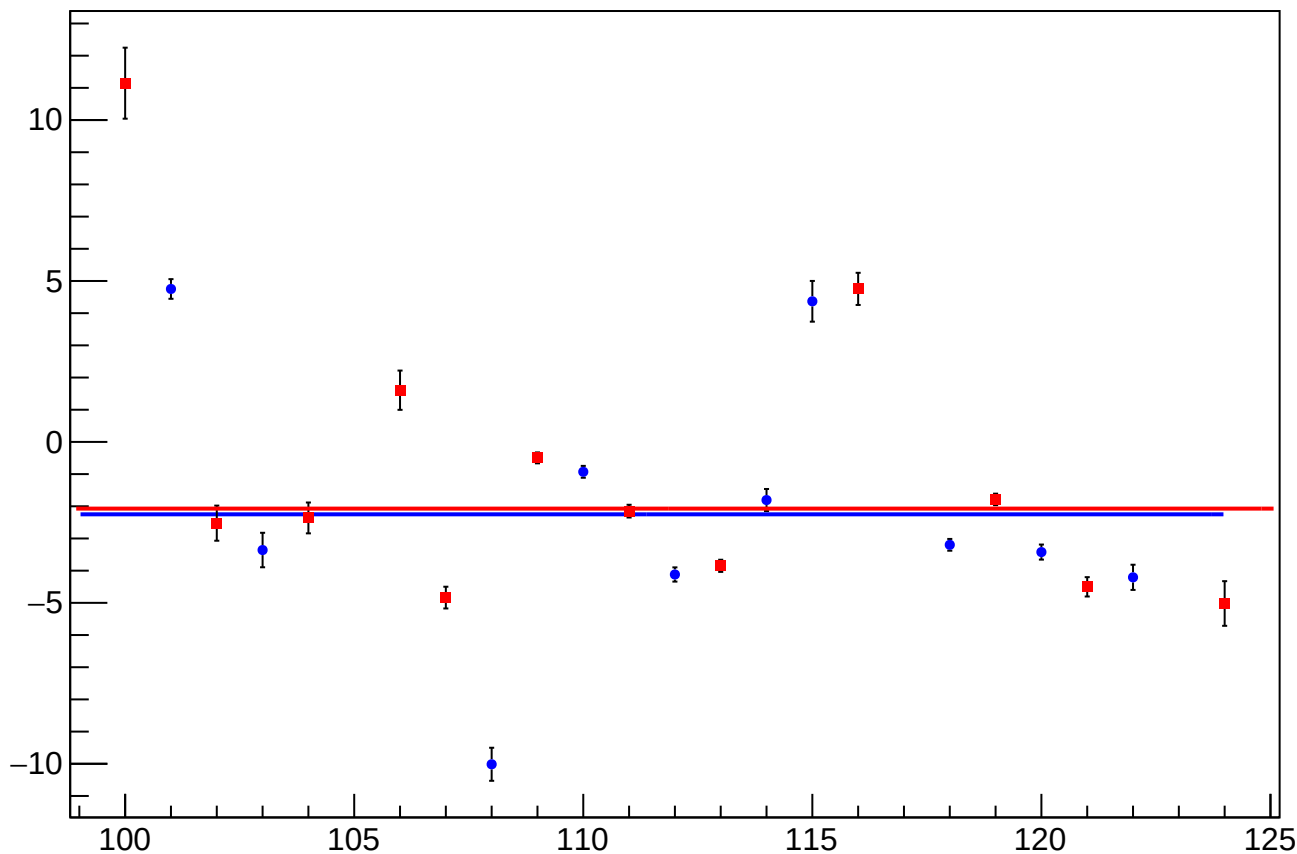
reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.525+/-0.080 χ^2/NDF : 25950.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.733+/-0.070 χ^2/NDF : 46181.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.940+/-0.053 χ^2/NDF : 72819.9/21
 In: 9.525+/-0.080 χ^2/NDF : 25950.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.940+/-0.053 χ^2/NDF : 72819.9/21

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.250 ± 0.087 χ^2/NDF : 1069.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.072 ± 0.080 χ^2/NDF : 696.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

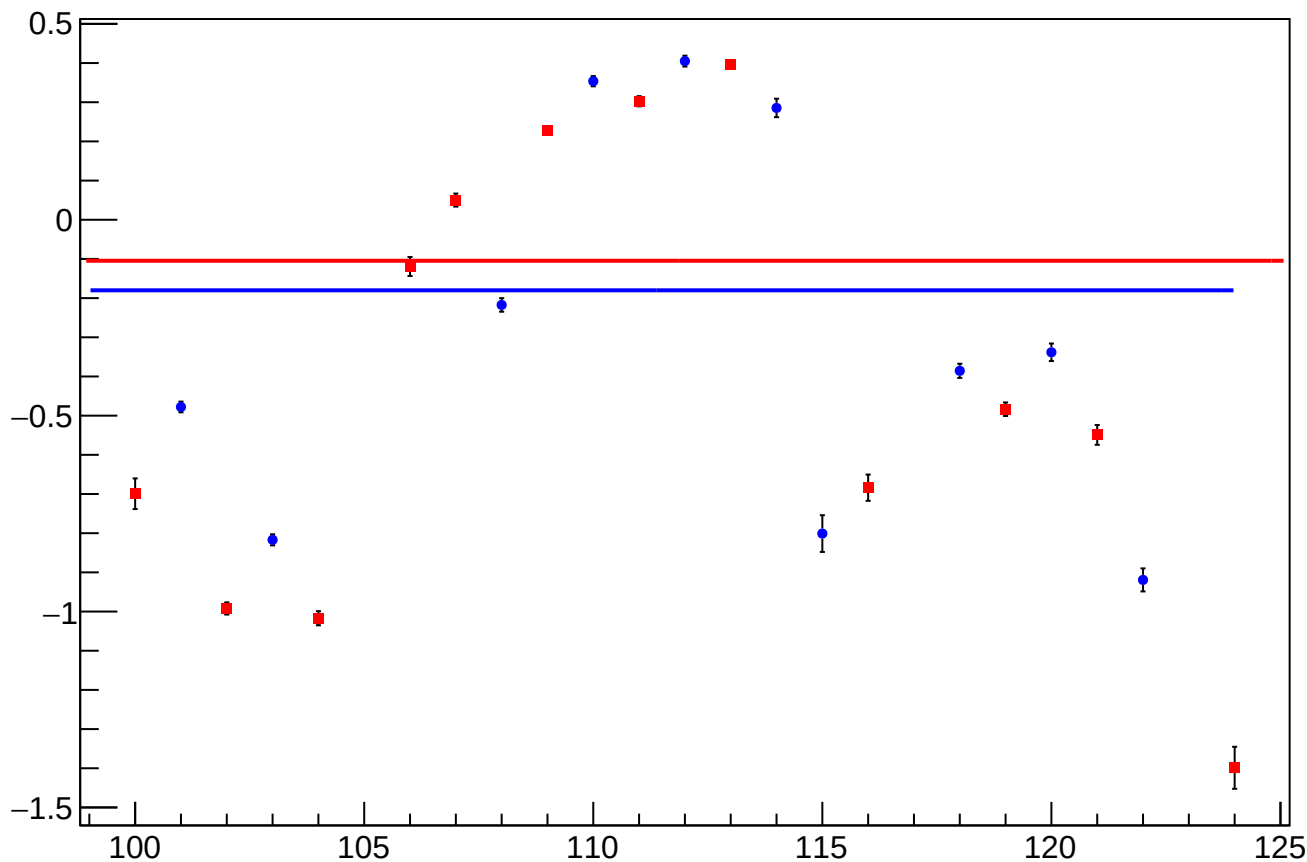
Right: -2.154 ± 0.059 χ^2/NDF : 1767.4/21

In: -2.250 ± 0.087 χ^2/NDF : 1069.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.154 ± 0.059 χ^2/NDF : 1767.4/21

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.180 ± 0.005 χ^2/NDF : 7317.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.105 ± 0.005 χ^2/NDF : 11675.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

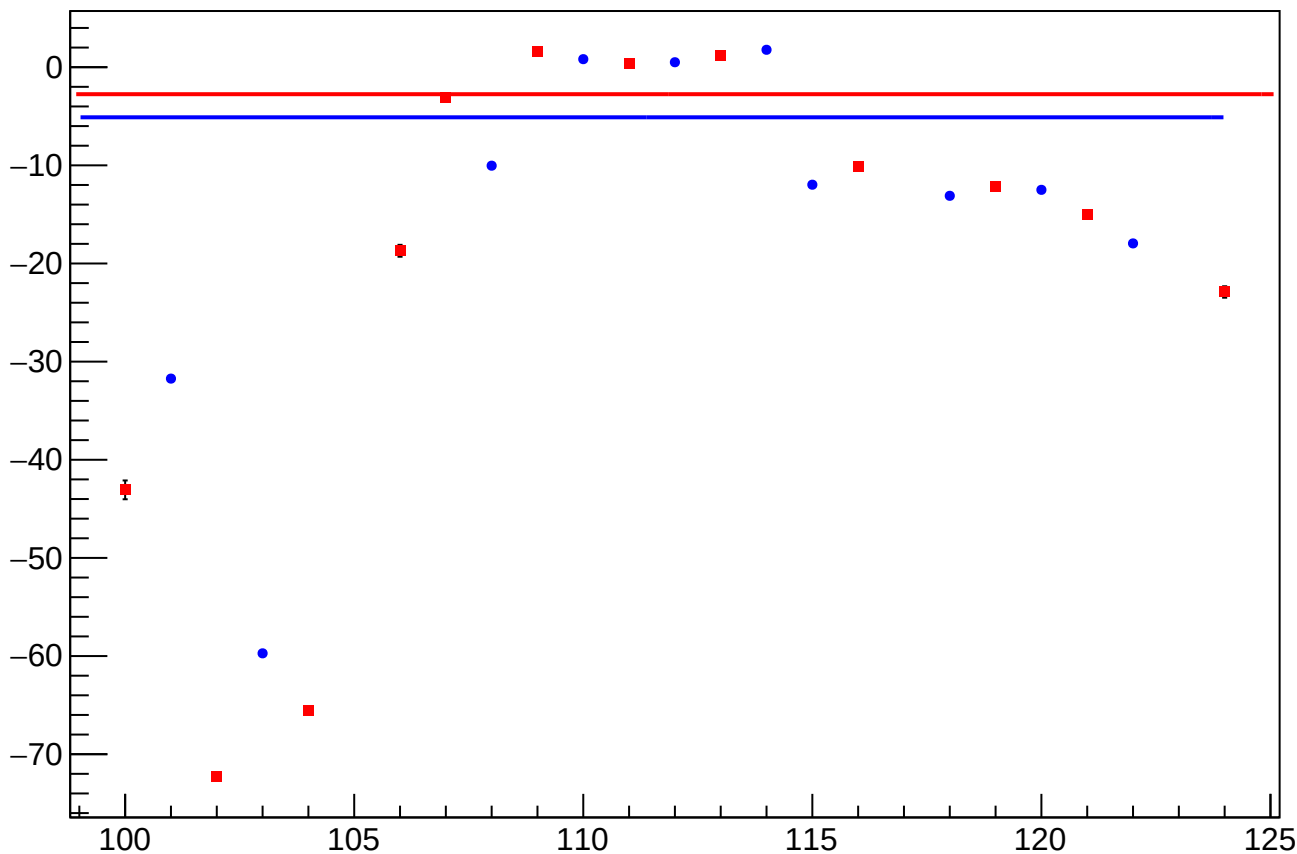
Right: -0.138 ± 0.004 χ^2/NDF : 19098.8/21

In: -0.180 ± 0.005 χ^2/NDF : 7317.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.138 ± 0.004 χ^2/NDF : 19098.8/21

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.105 ± 0.064 χ^2/NDF : 34380.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.750 ± 0.051 χ^2/NDF : 53938.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

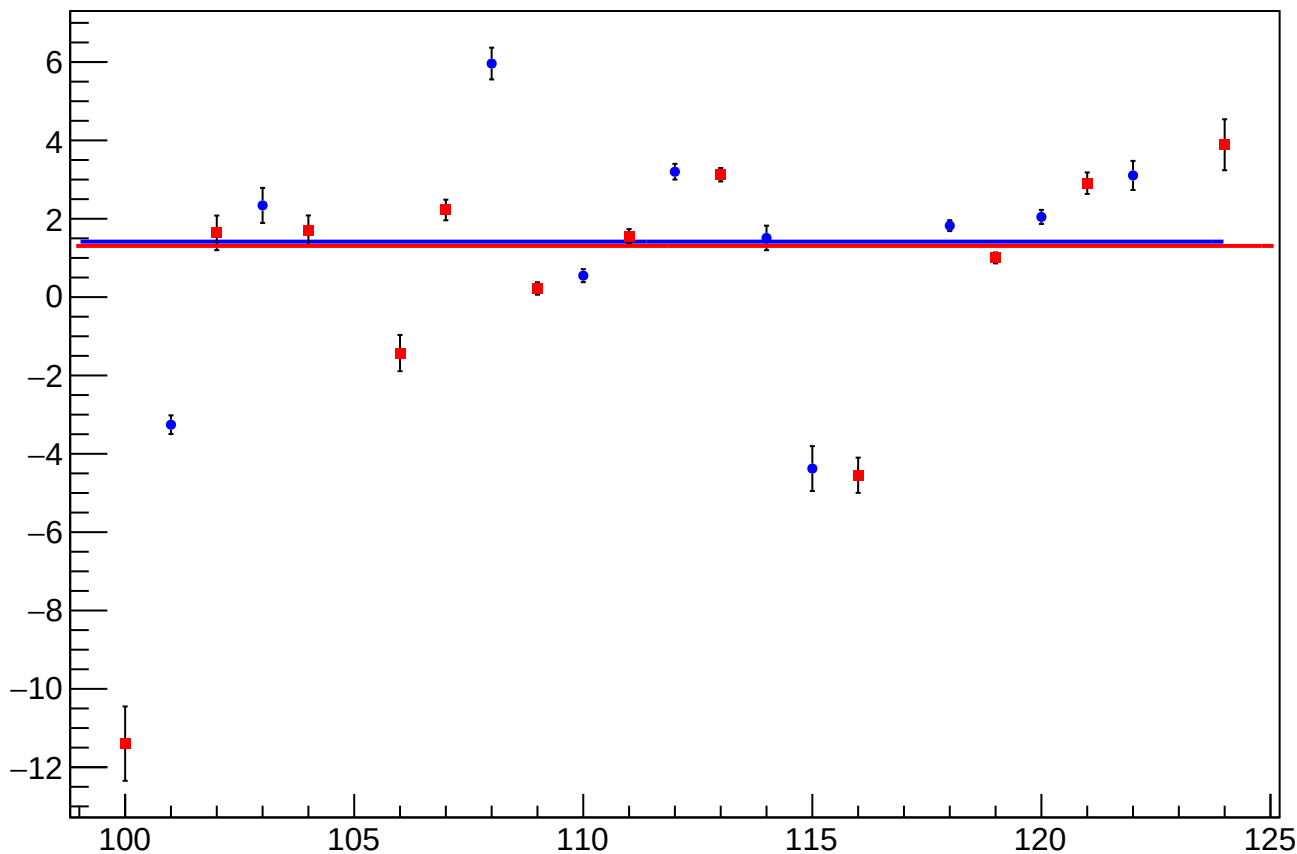
Right: -3.671 ± 0.040 χ^2/NDF : 89136.9/21

In: -5.105 ± 0.064 χ^2/NDF : 34380.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.671 ± 0.040 χ^2/NDF : 89136.9/21

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416+/-0.072 χ^2/NDF : 761.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.307+/-0.069 χ^2/NDF : 614.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

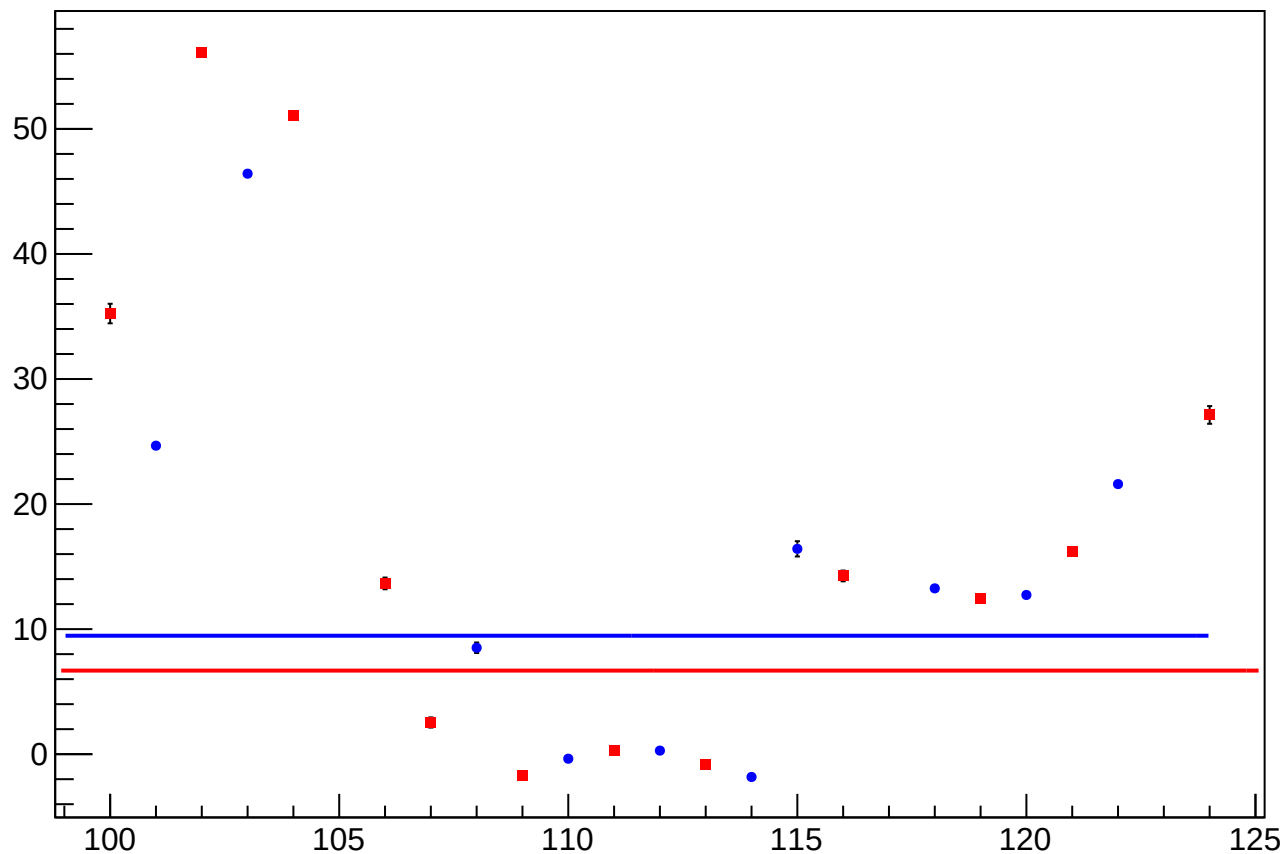
Right: 1.359+/-0.050 χ^2/NDF : 1376.6/21

In: 1.416+/-0.072 χ^2/NDF : 761.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.359+/-0.050 χ^2/NDF : 1376.6/21

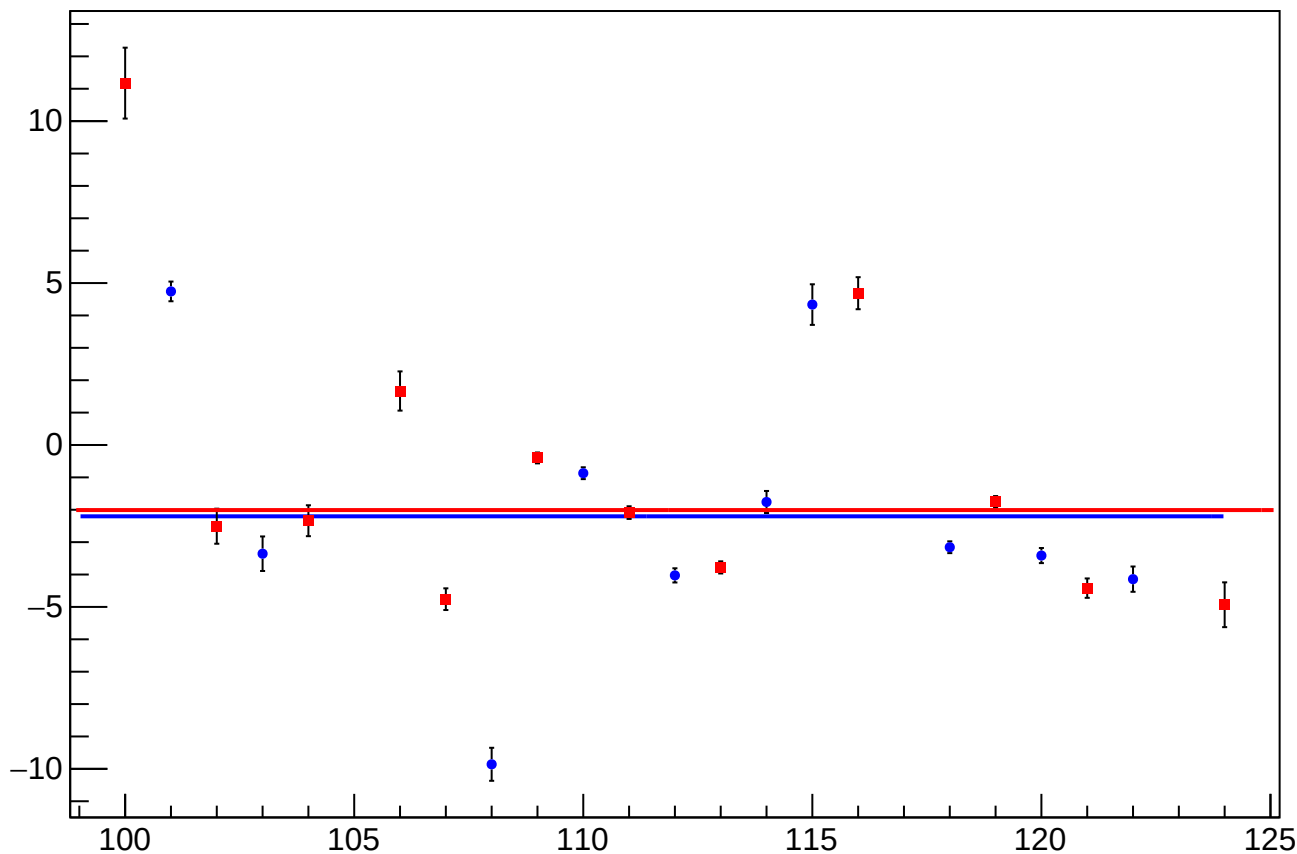
reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.472+/-0.080 χ^2/NDF : 25931.6/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.684+/-0.069 χ^2/NDF : 46168.9/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.889+/-0.052 χ^2/NDF : 72796.9/21
 In: 9.472+/-0.080 χ^2/NDF : 25931.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.889+/-0.052 χ^2/NDF : 72796.9/21

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.202+/-0.086 χ^2/NDF : 1064.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.009+/-0.079 χ^2/NDF : 700.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

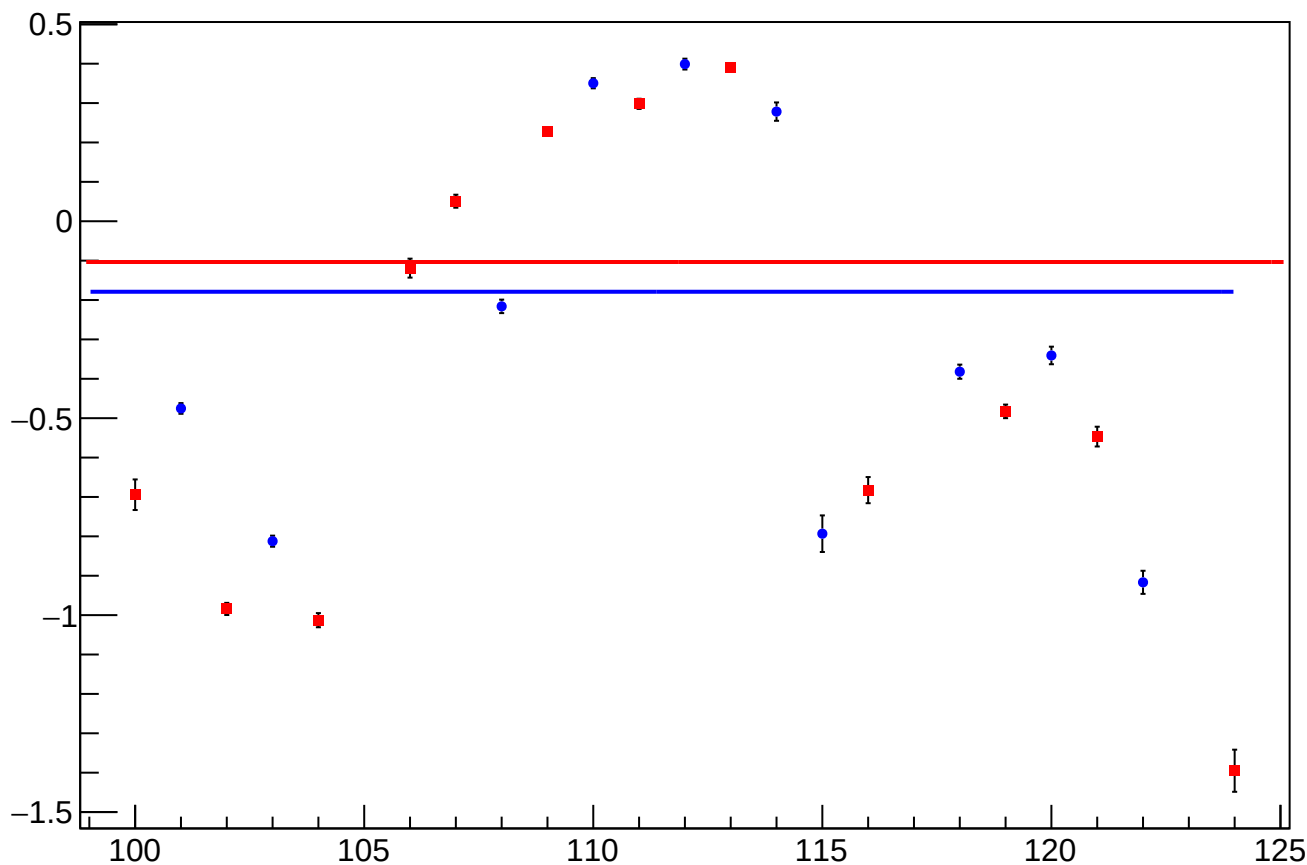
Right: -2.098+/-0.058 χ^2/NDF : 1767.1/21

In: -2.202+/-0.086 χ^2/NDF :1064.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.098+/-0.058 χ^2/NDF : 1767.1/21

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.179 ± 0.005 χ^2/NDF : 7296.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.103 ± 0.005 χ^2/NDF : 11678.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

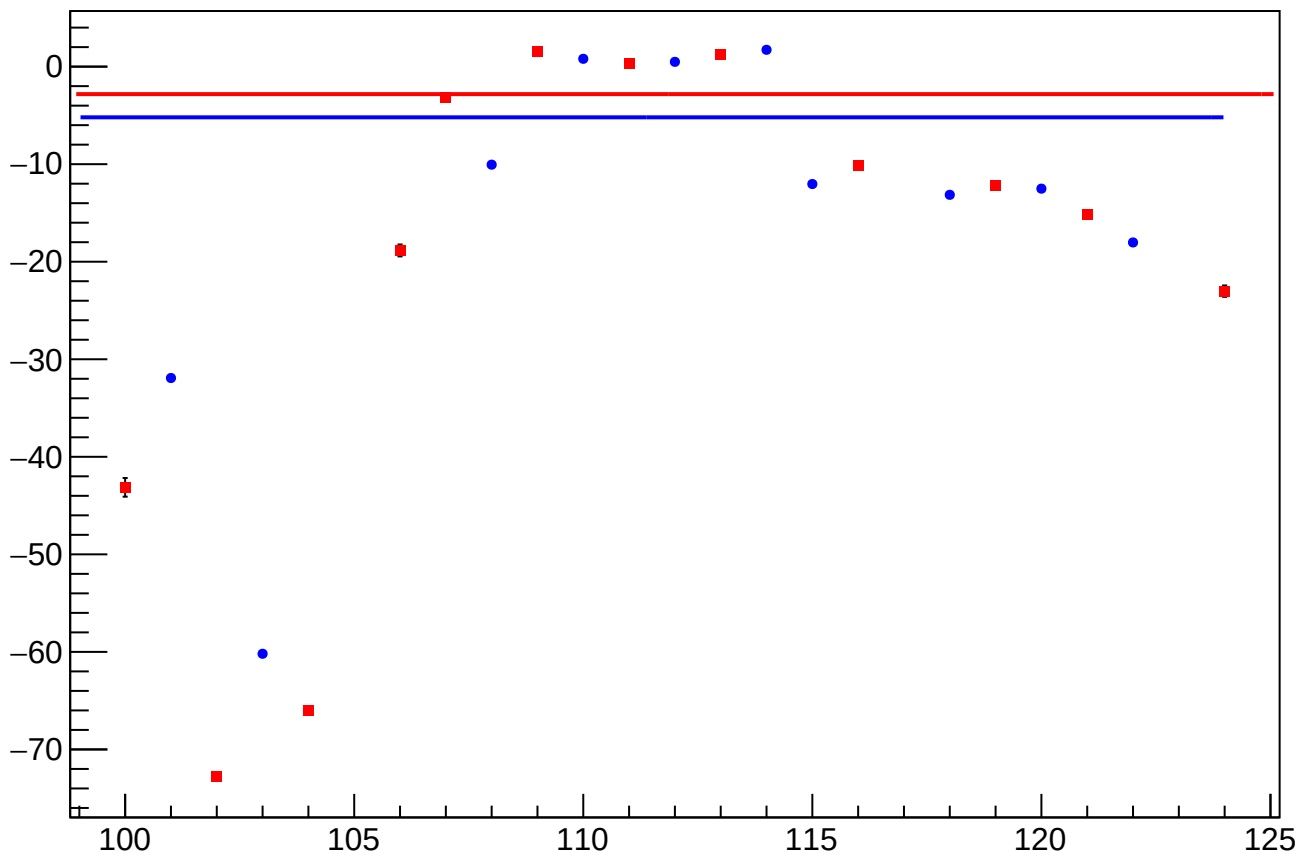
Right: -0.137 ± 0.004 χ^2/NDF : 19081.6/21

In: -0.179 ± 0.005 χ^2/NDF : 7296.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.137 ± 0.004 χ^2/NDF : 19081.6/21

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.197+/-0.065 χ^2/NDF : 34323.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.818+/-0.052 χ^2/NDF : 53899.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

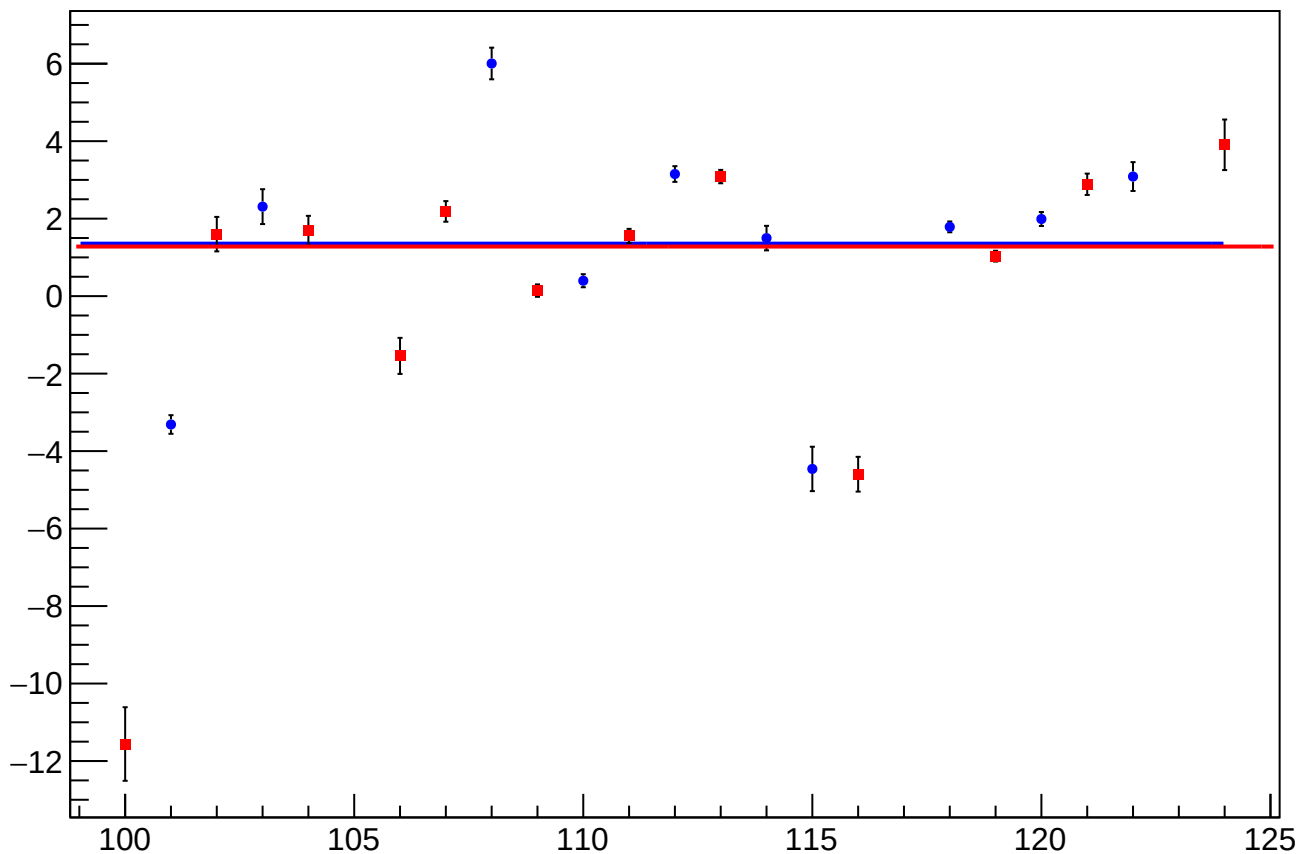
Right: -3.748+/-0.041 χ^2/NDF : 89042.5/21

In: -5.197+/-0.065 χ^2/NDF : 34323.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.748+/-0.041 χ^2/NDF : 89042.5/21

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.355+/-0.073 χ^2/NDF : 768.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.280+/-0.070 χ^2/NDF : 619.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

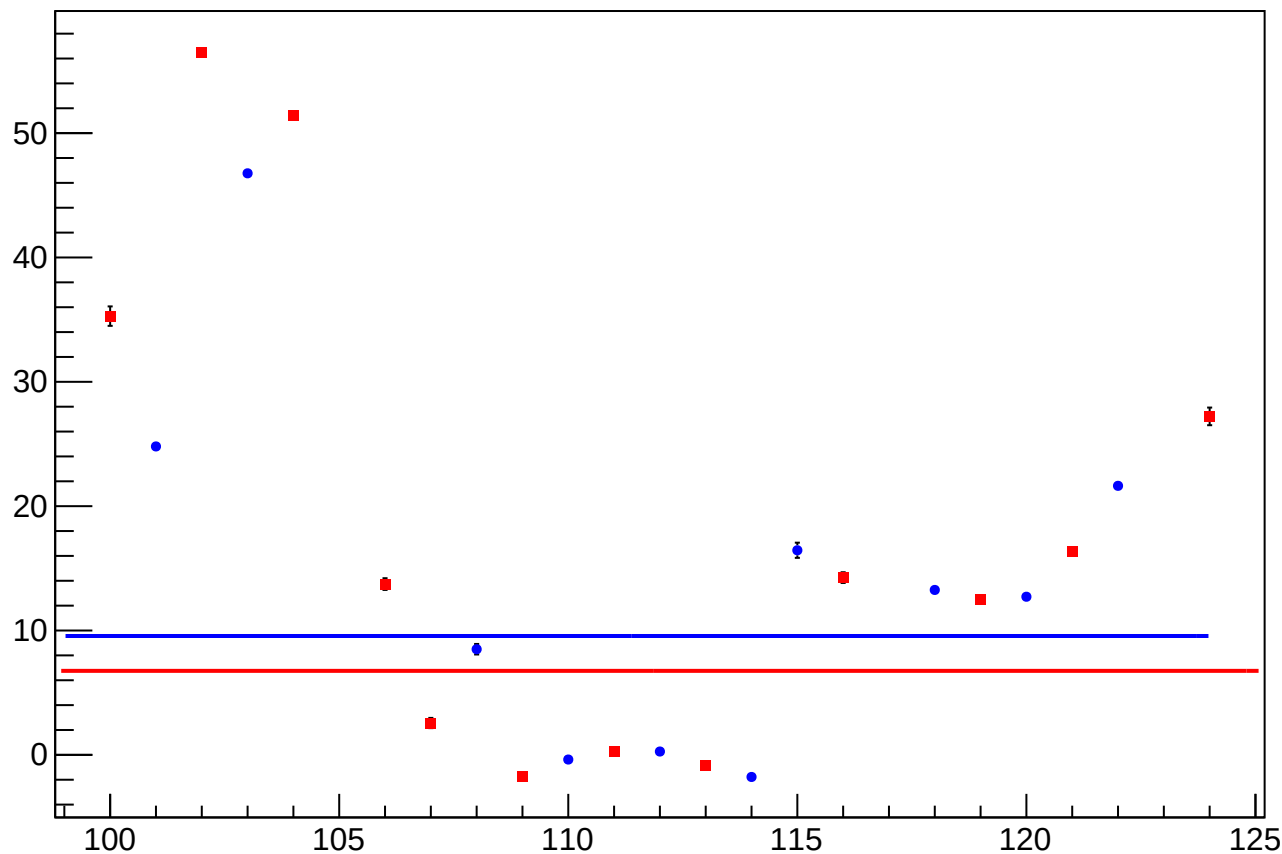
Right: 1.316+/-0.050 χ^2/NDF : 1388.7/21

In: 1.355+/-0.073 χ^2/NDF : 768.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.316+/-0.050 χ^2/NDF : 1388.7/21

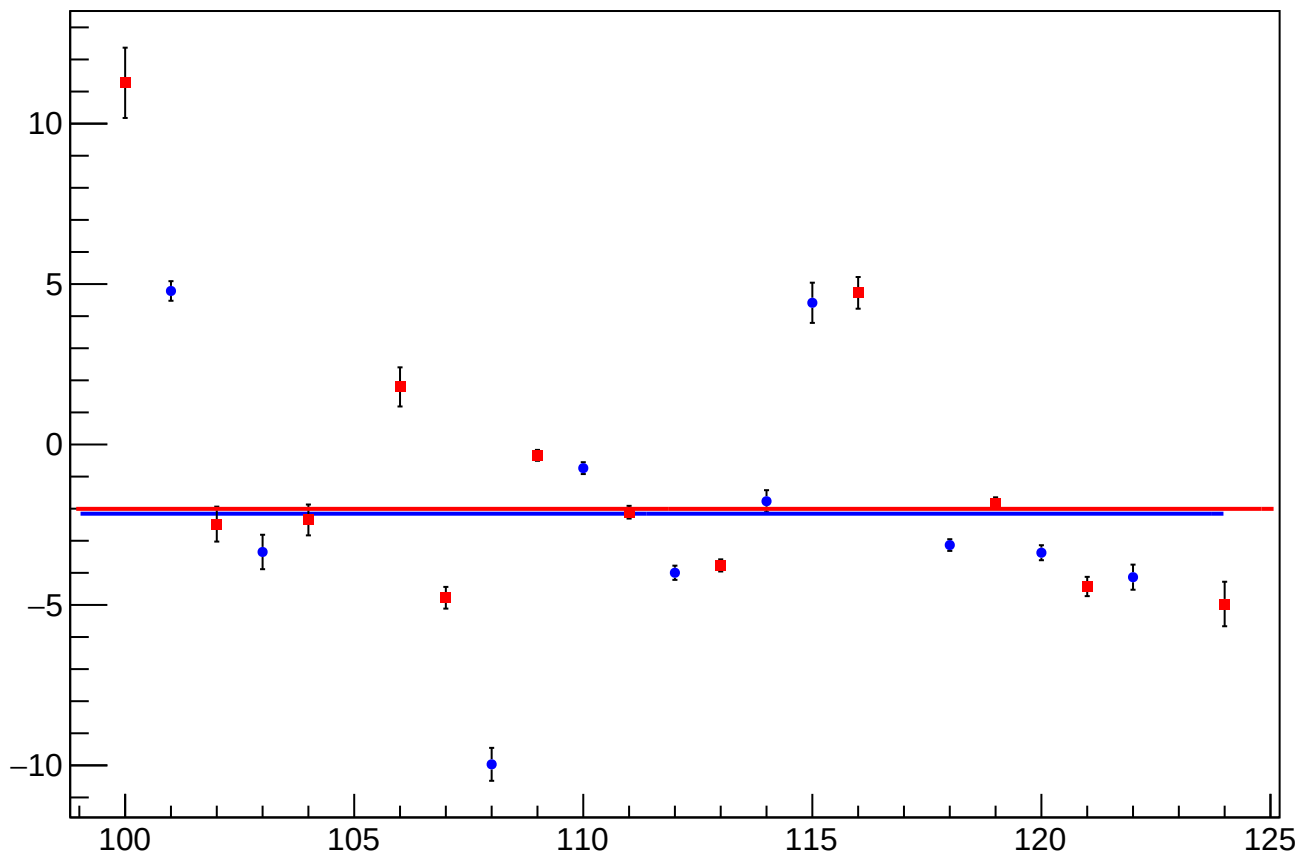
reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.560+/-0.080 χ^2/NDF : 25871.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.756+/-0.070 χ^2/NDF : 46124.7/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.969+/-0.053 χ^2/NDF : 72690.4/21
 In: 9.560+/-0.080 χ^2/NDF : 25871.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.969+/-0.053 χ^2/NDF : 72690.4/21

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.156+/-0.087 χ^2/NDF : 1073.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.006+/-0.080 χ^2/NDF : 707.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

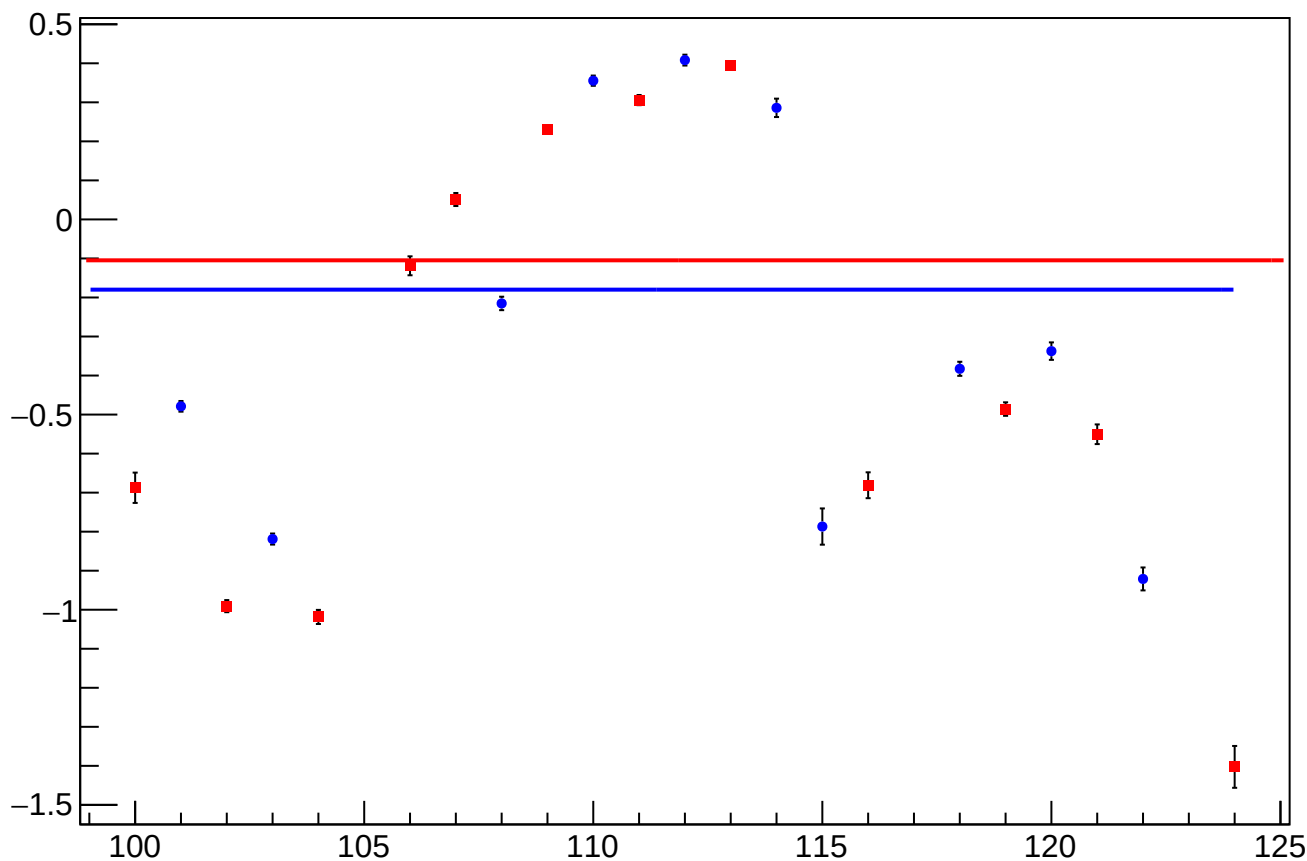
Right: -2.075+/-0.059 χ^2/NDF : 1782.7/21

In: -2.156+/-0.087 χ^2/NDF :1073.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.075+/-0.059 χ^2/NDF : 1782.7/21

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.180 ± 0.005 $\chi^2/\text{NDF}: 7338.8/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.105 ± 0.005 $\chi^2/\text{NDF}: 11685.1/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

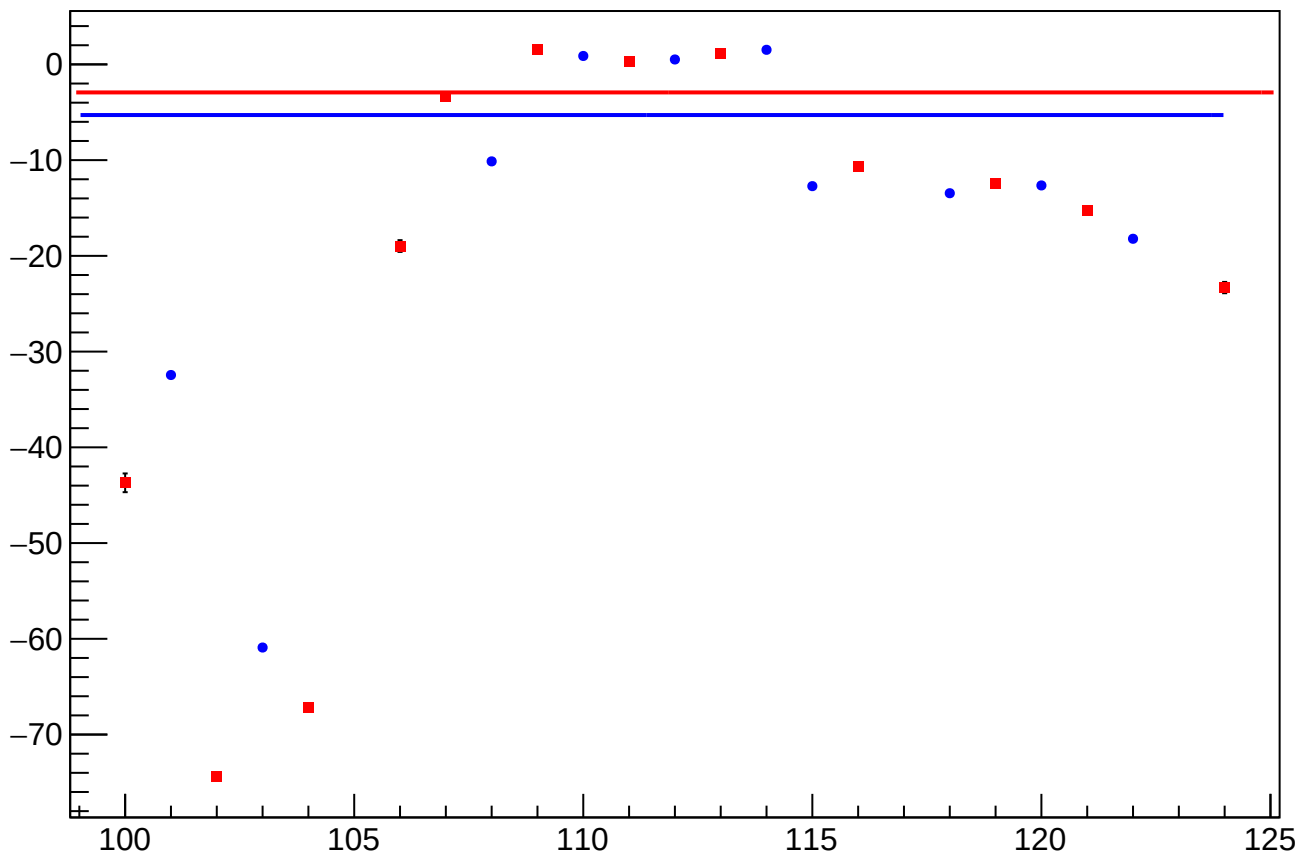
Right: -0.138 ± 0.004 $\chi^2/\text{NDF}: 19128.7/21$

In: -0.180 ± 0.005 $\chi^2/\text{NDF}: 7338.8/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.138 ± 0.004 $\chi^2/\text{NDF}: 19128.7/21$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.290+/-0.066 χ^2/NDF : 33890.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.928+/-0.053 χ^2/NDF : 53493.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

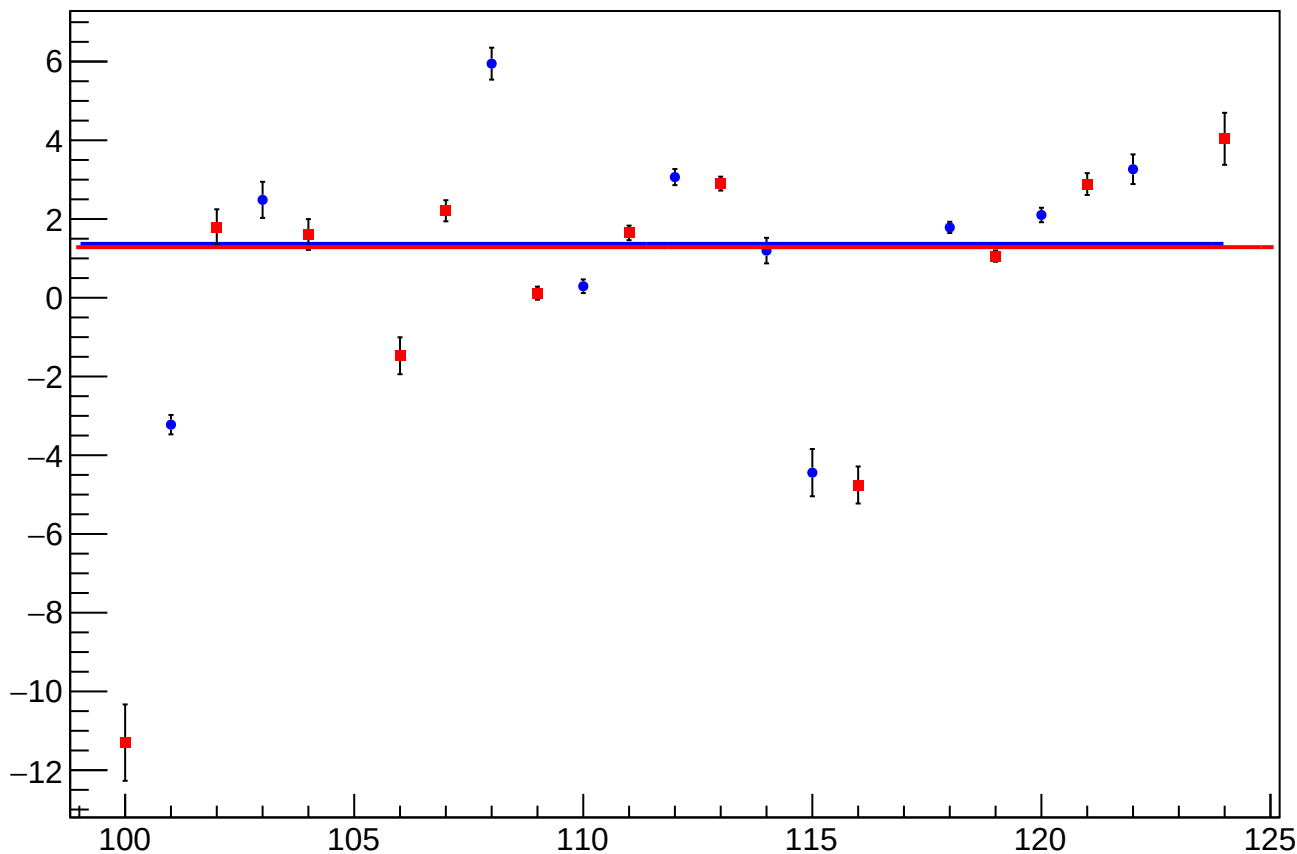
Right: -3.856+/-0.041 χ^2/NDF : 88156.2/21

In: -5.290+/-0.066 χ^2/NDF : 33890.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.856+/-0.041 χ^2/NDF : 88156.2/21

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.369+/-0.074 χ^2/NDF : 731.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.285+/-0.071 χ^2/NDF : 573.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

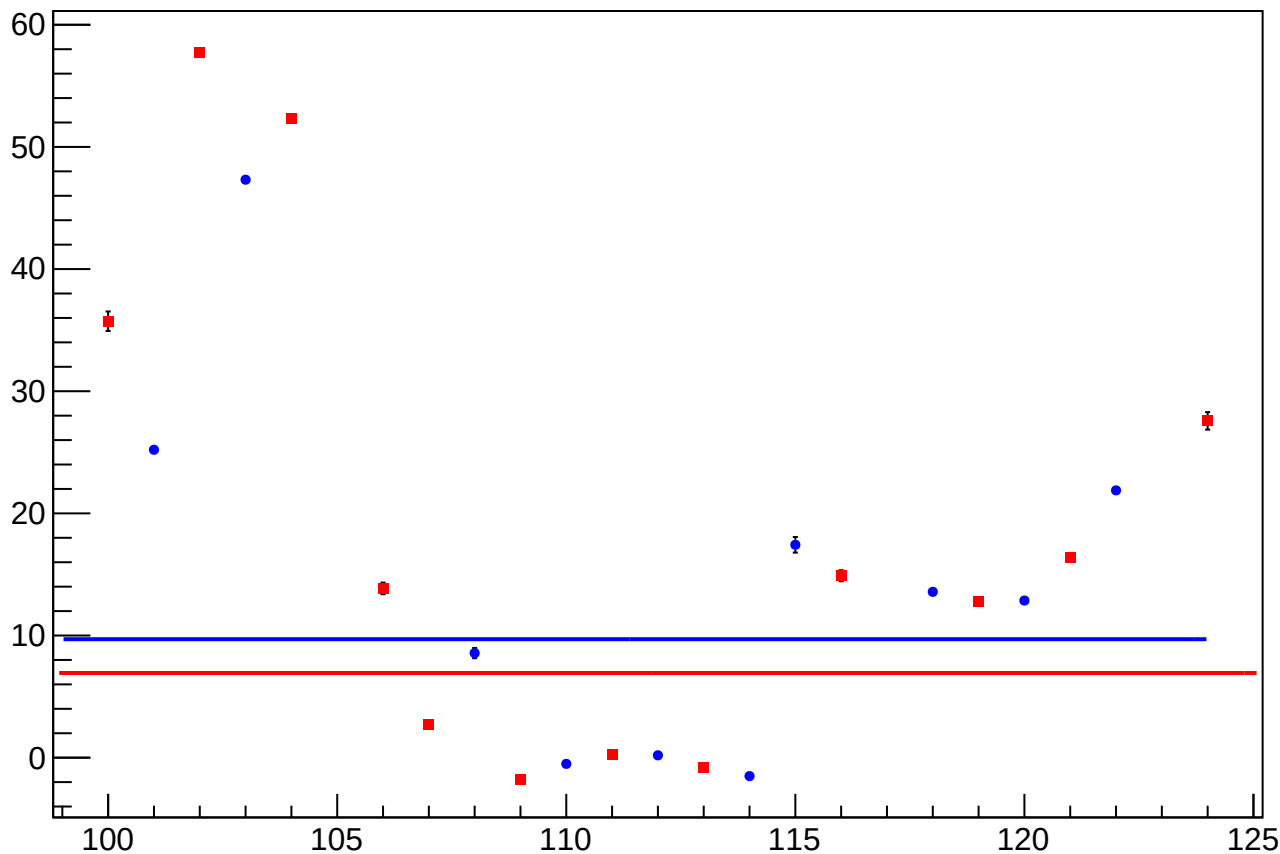
Right: 1.325+/-0.051 χ^2/NDF : 1305.0/21

In: 1.369+/-0.074 χ^2/NDF : 731.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.325+/-0.051 χ^2/NDF : 1305.0/21

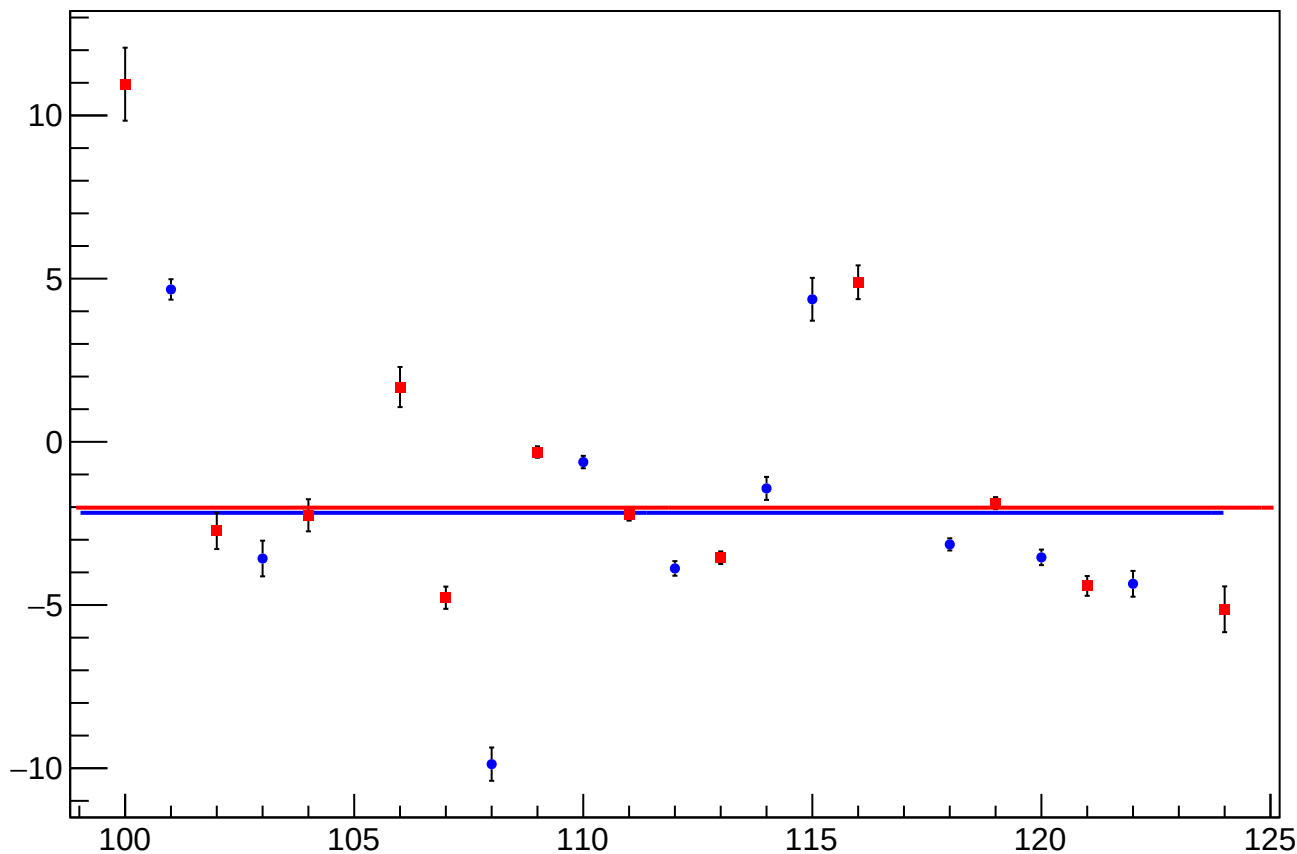
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.698+/-0.082 χ^2/NDF : 25590.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.934+/-0.072 χ^2/NDF : 45769.5/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 8.133+/-0.054 χ^2/NDF : 72004.8/21
 In: 9.698+/-0.082 χ^2/NDF : 25590.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.133+/-0.054 χ^2/NDF : 72004.8/21

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.175 ± 0.088 $\chi^2/\text{NDF}: 1031.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.016 ± 0.082 $\chi^2/\text{NDF}: 658.4/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

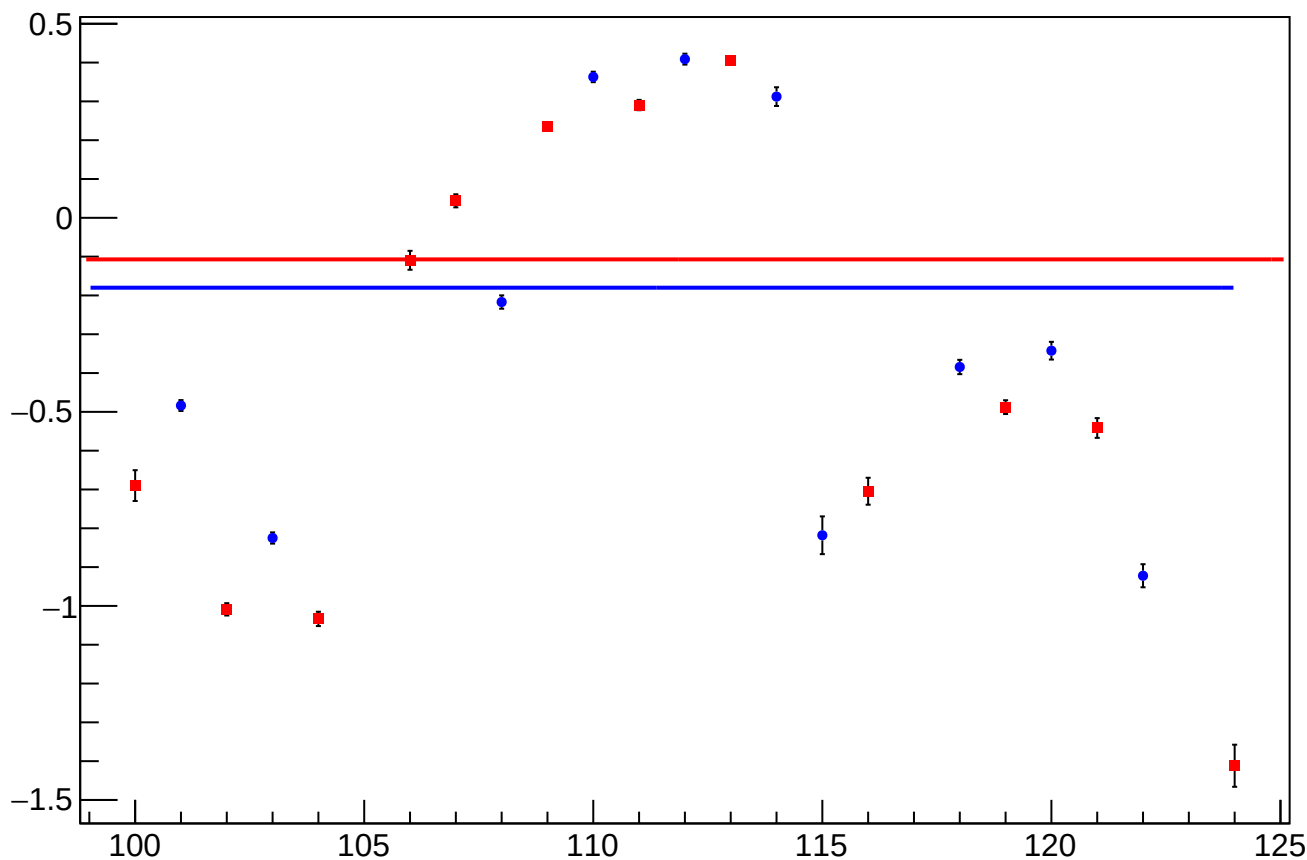
Right: -2.089 ± 0.060 $\chi^2/\text{NDF}: 1691.0/21$

In: -2.175 ± 0.088 $\chi^2/\text{NDF}: 1031.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.089 ± 0.060 $\chi^2/\text{NDF}: 1691.0/21$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.180 ± 0.006 χ^2/NDF : 7212.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.107 ± 0.005 χ^2/NDF : 11443.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

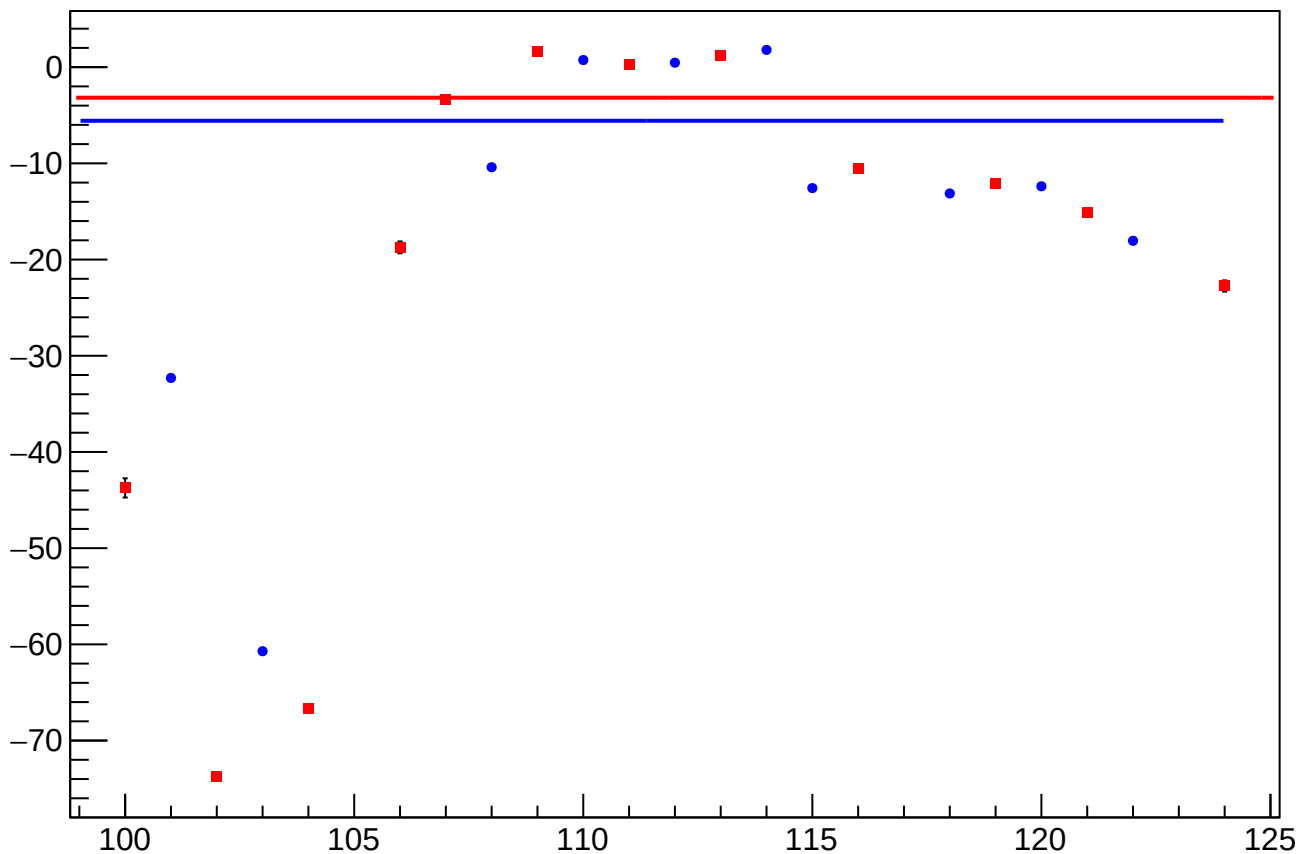
Right: -0.139 ± 0.004 χ^2/NDF : 18750.8/21

In: -0.180 ± 0.006 χ^2/NDF : 7212.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.139 ± 0.004 χ^2/NDF : 18750.8/21

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.575+/-0.068 χ^2/NDF : 32895.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.176+/-0.055 χ^2/NDF : 52250.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

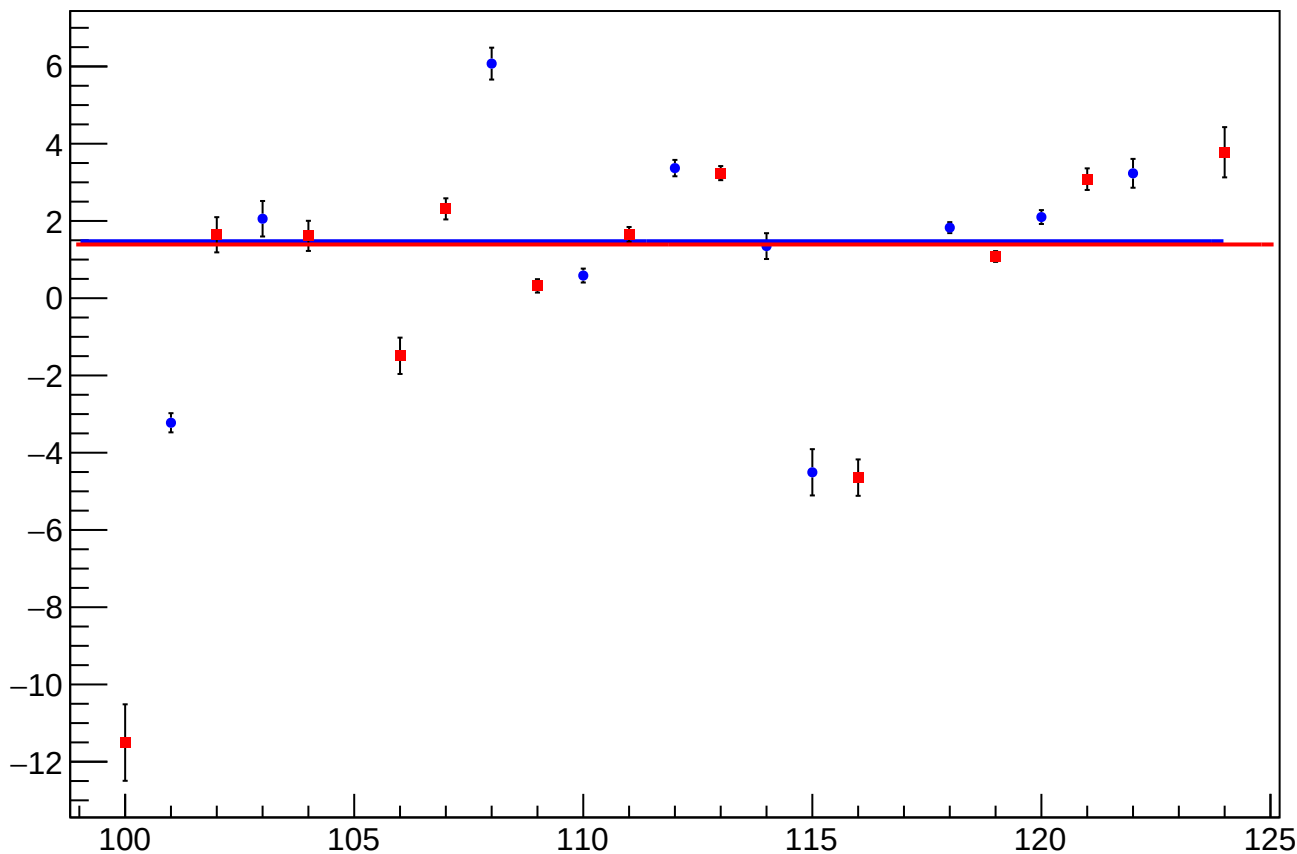
Right: -4.128+/-0.043 χ^2/NDF : 85901.3/21

In: -5.575+/-0.068 χ^2/NDF : 32895.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.128+/-0.043 χ^2/NDF : 85901.3/21

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.475+/-0.075 χ^2/NDF : 728.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.391+/-0.072 χ^2/NDF : 580.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

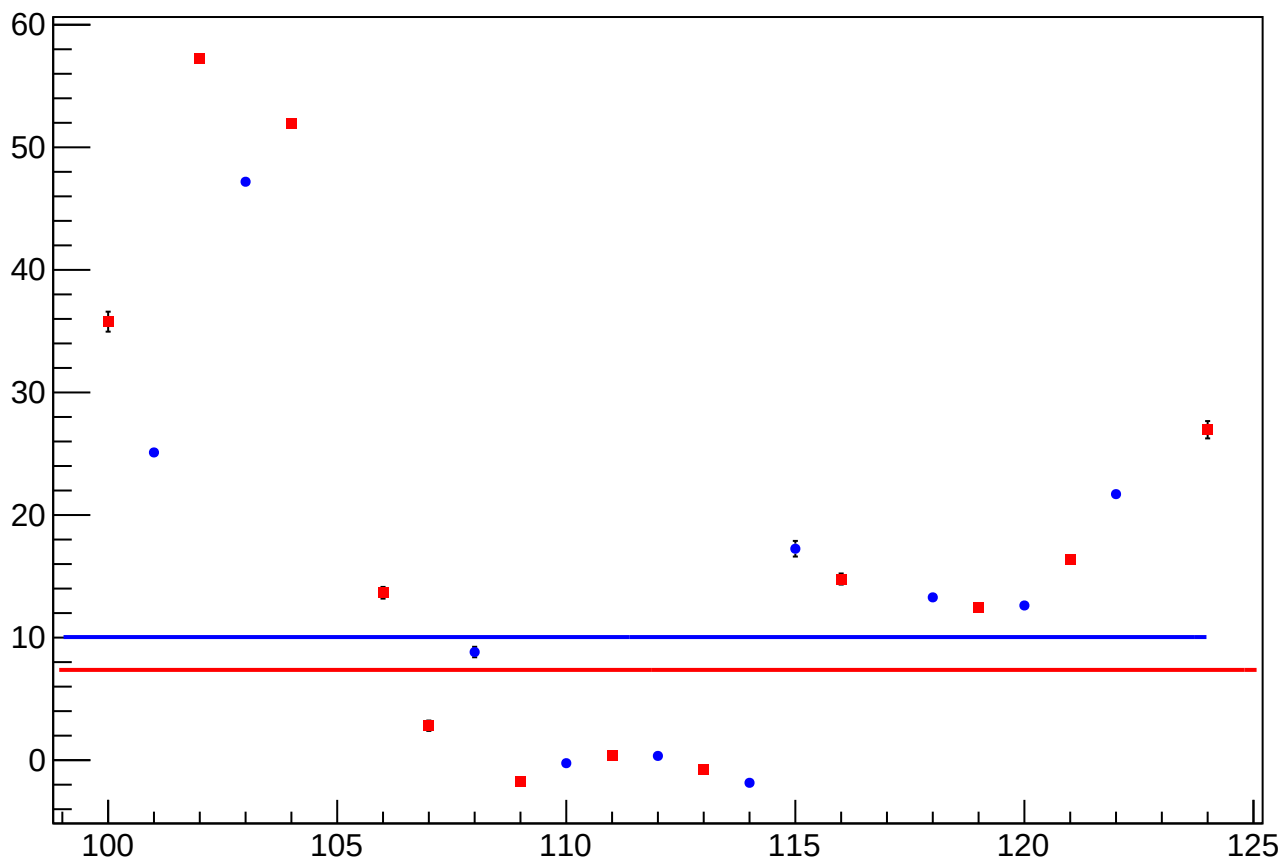
Right: 1.432+/-0.052 χ^2/NDF : 1309.9/21

In: 1.475+/-0.075 χ^2/NDF : 728.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.432+/-0.052 χ^2/NDF : 1309.9/21

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.044+/-0.083 χ^2/NDF : 24535.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.364+/-0.073 χ^2/NDF : 44241.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

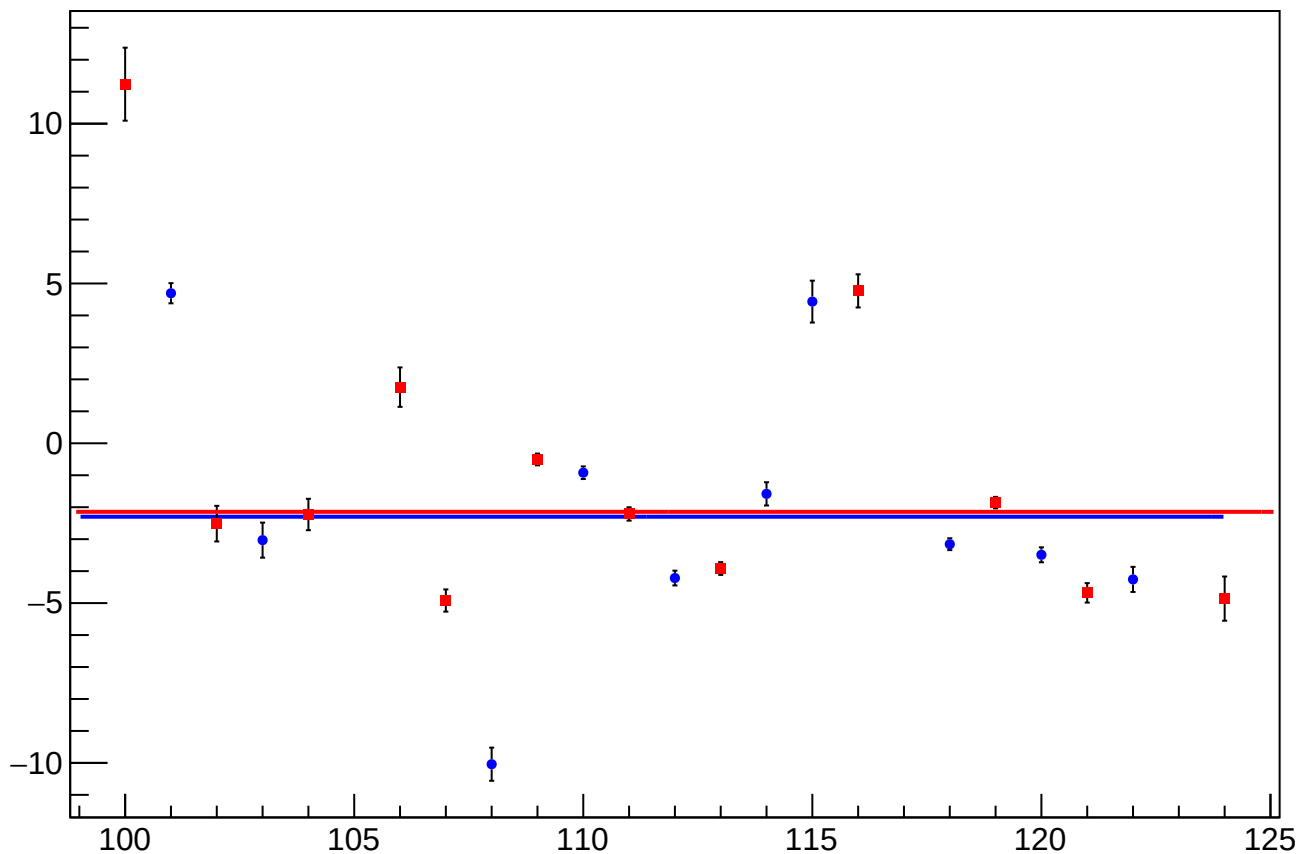
Right: 8.538+/-0.055 χ^2/NDF : 69359.2/21

In: 10.044+/-0.083 χ^2/NDF : 24535.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.538+/-0.055 χ^2/NDF : 69359.2/21

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.298 ± 0.089 $\chi^2/\text{NDF}: 1015.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.145 ± 0.083 $\chi^2/\text{NDF}: 664.8/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

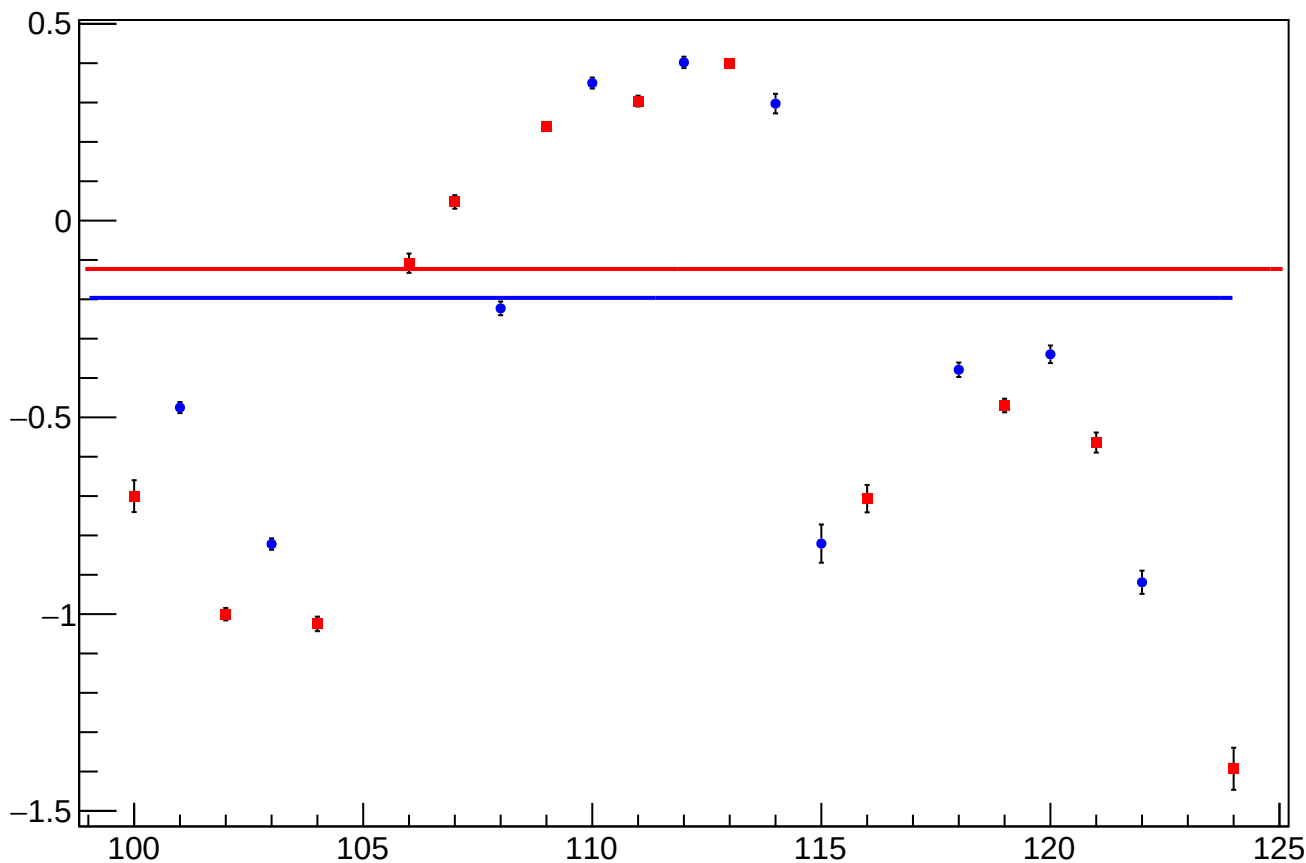
Right: -2.216 ± 0.061 $\chi^2/\text{NDF}: 1681.4/21$

In: -2.298 ± 0.089 $\chi^2/\text{NDF}: 1015.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.216 ± 0.061 $\chi^2/\text{NDF}: 1681.4/21$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.196 ± 0.006 χ^2/NDF : 6769.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.123 ± 0.005 χ^2/NDF : 11095.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

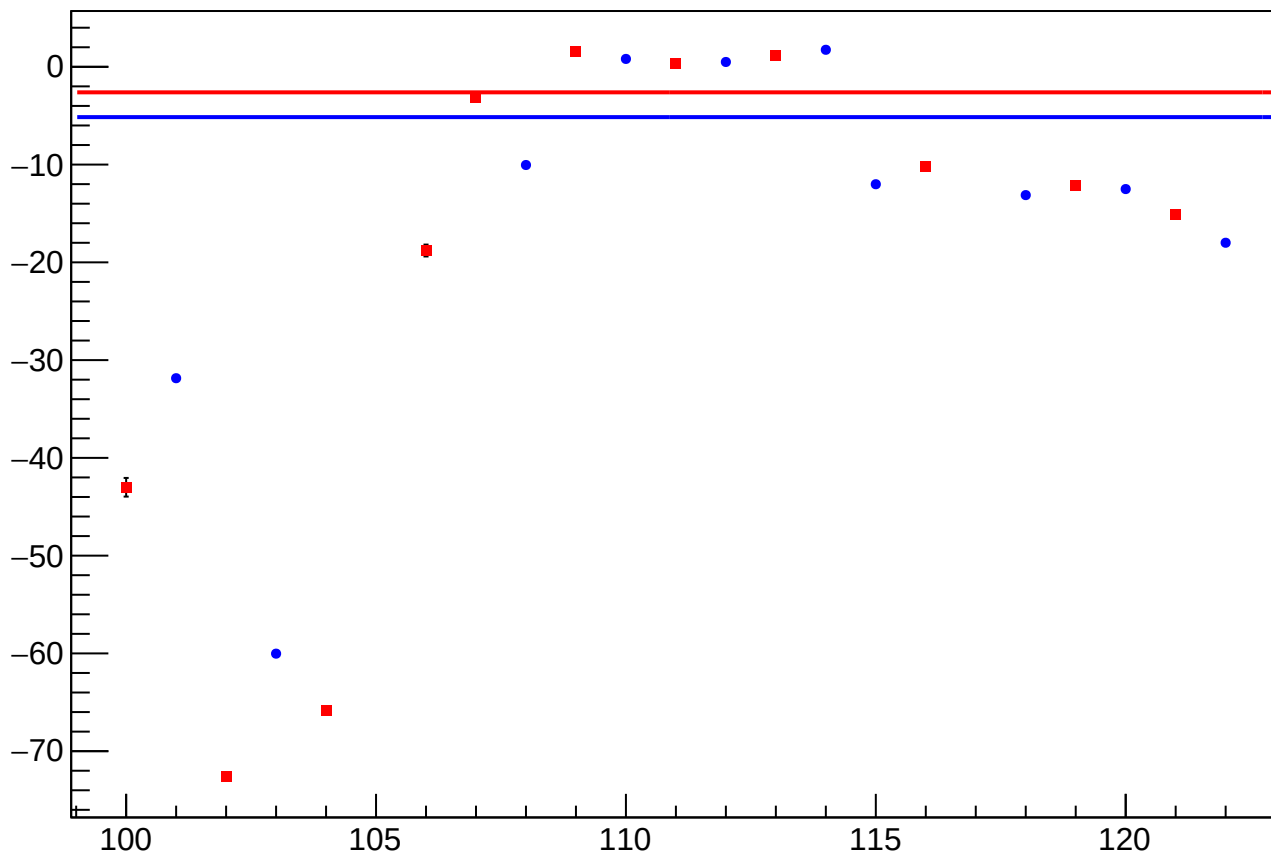
Right: -0.156 ± 0.004 χ^2/NDF : 17957.6/21

In: -0.196 ± 0.006 χ^2/NDF : 6769.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.156 ± 0.004 χ^2/NDF : 17957.6/21

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.145+/-0.064 χ^2/NDF : 34424.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.611+/-0.052 χ^2/NDF : 52799.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

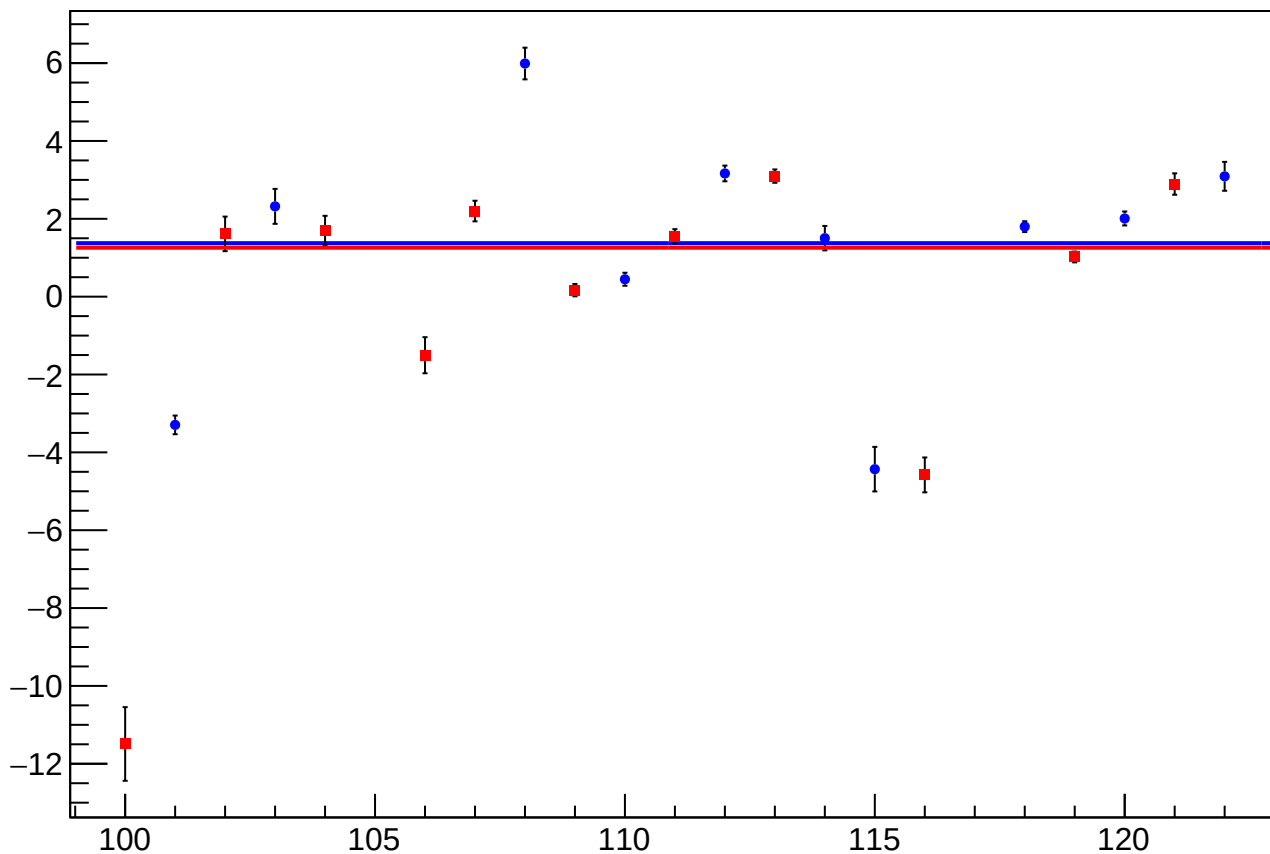
Right: -3.605+/-0.040 χ^2/NDF : 88164.1/20

In: -5.145+/-0.064 χ^2/NDF :34424.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.605+/-0.040 χ^2/NDF : 88164.1/20

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.374+/-0.072 χ^2/NDF : 767.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.257+/-0.070 χ^2/NDF : 604.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

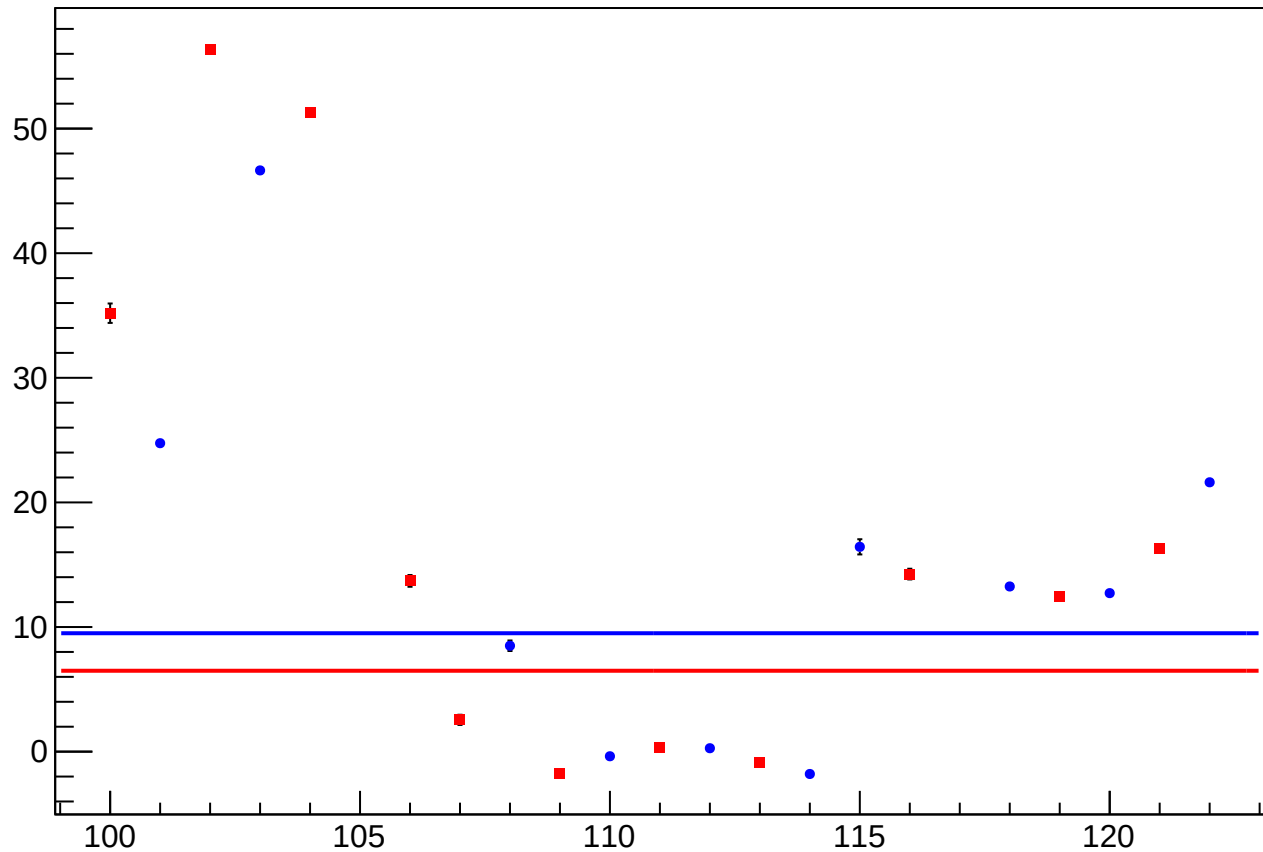
Right: 1.314+/-0.050 χ^2/NDF : 1373.5/20

In: 1.374+/-0.072 χ^2/NDF : 767.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.314+/-0.050 χ^2/NDF : 1373.5/20

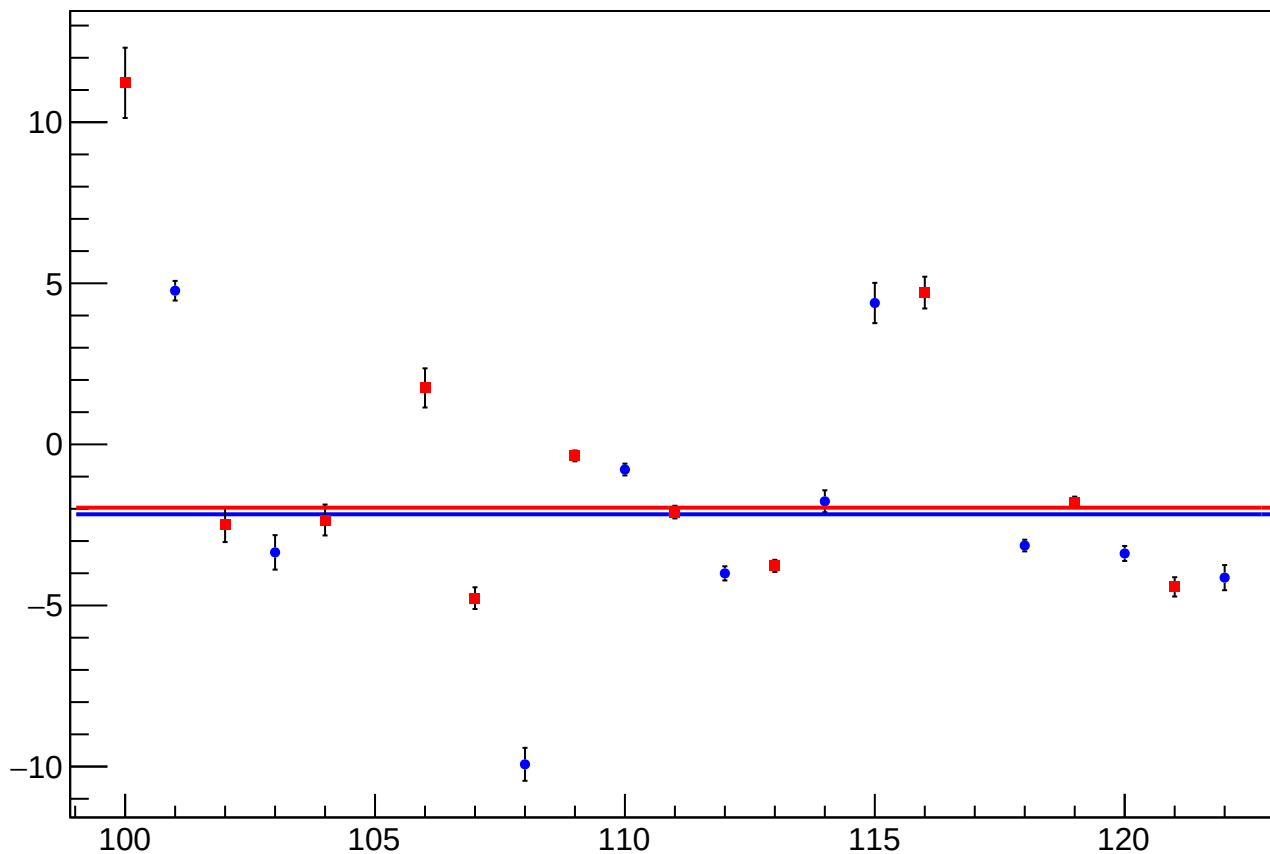
reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.502+/-0.080 χ^2/NDF : 25969.8/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.491+/-0.070 χ^2/NDF : 45413.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.799+/-0.053 χ^2/NDF : 72188.6/20
 In: 9.502+/-0.080 χ^2/NDF : 25969.8/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.799+/-0.053 χ^2/NDF : 72188.6/20

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.170+/-0.086 χ^2/NDF : 1072.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.964+/-0.080 χ^2/NDF : 690.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

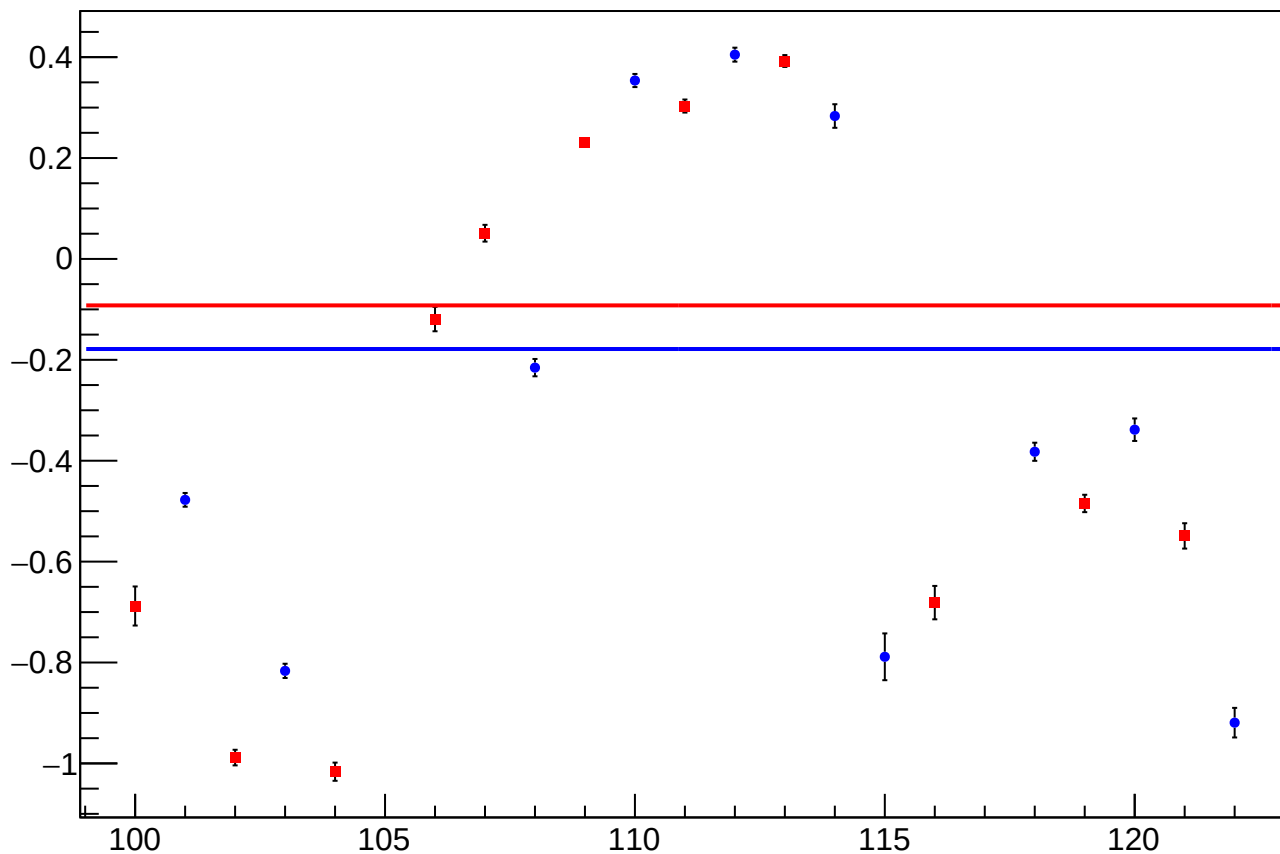
Right: -2.060+/-0.059 χ^2/NDF : 1765.9/20

In: -2.170+/-0.086 χ^2/NDF : 1072.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.060+/-0.059 χ^2/NDF : 1765.9/20

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.179 ± 0.005 χ^2/NDF : 7353.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.092 ± 0.005 χ^2/NDF : 11133.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

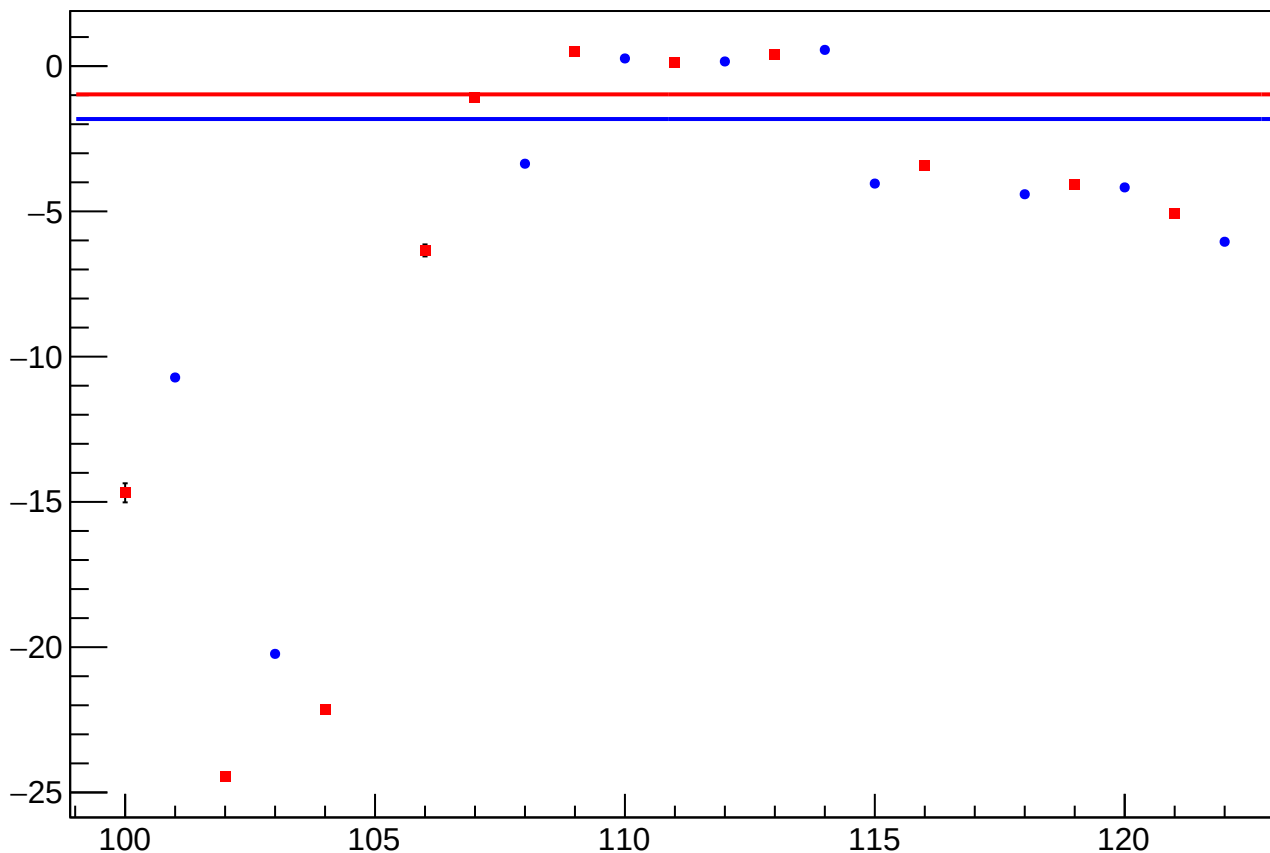
Right: -0.130 ± 0.004 χ^2/NDF : 18626.6/20

In: -0.179 ± 0.005 χ^2/NDF : 7353.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.130 ± 0.004 χ^2/NDF : 18626.6/20

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.822+/-0.022 χ^2/NDF : 33569.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.973+/-0.018 χ^2/NDF : 51798.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

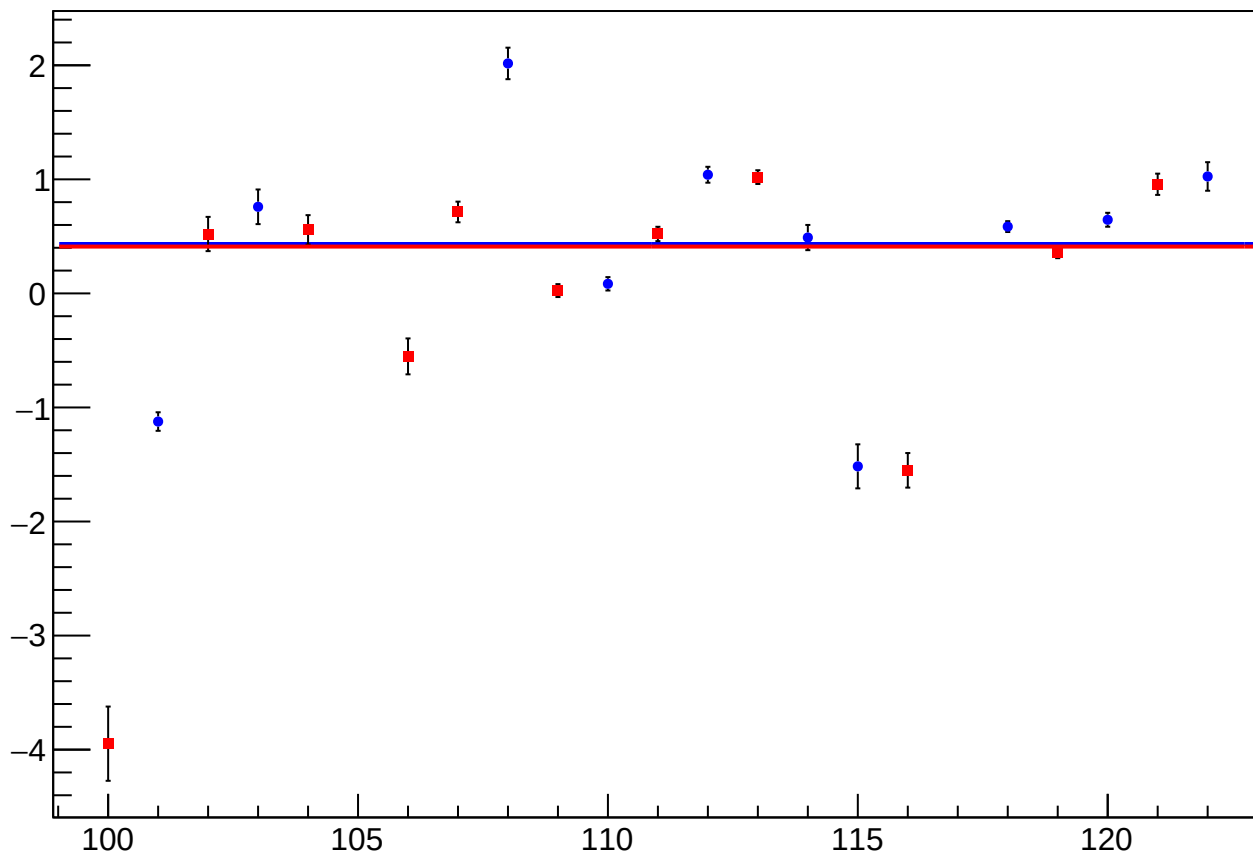
Right: -1.311+/-0.014 χ^2/NDF : 86238.4/20

In: -1.822+/-0.022 χ^2/NDF :33569.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.311+/-0.014 χ^2/NDF : 86238.4/20

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.433+/-0.025 χ^2/NDF : 760.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.411+/-0.024 χ^2/NDF : 584.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

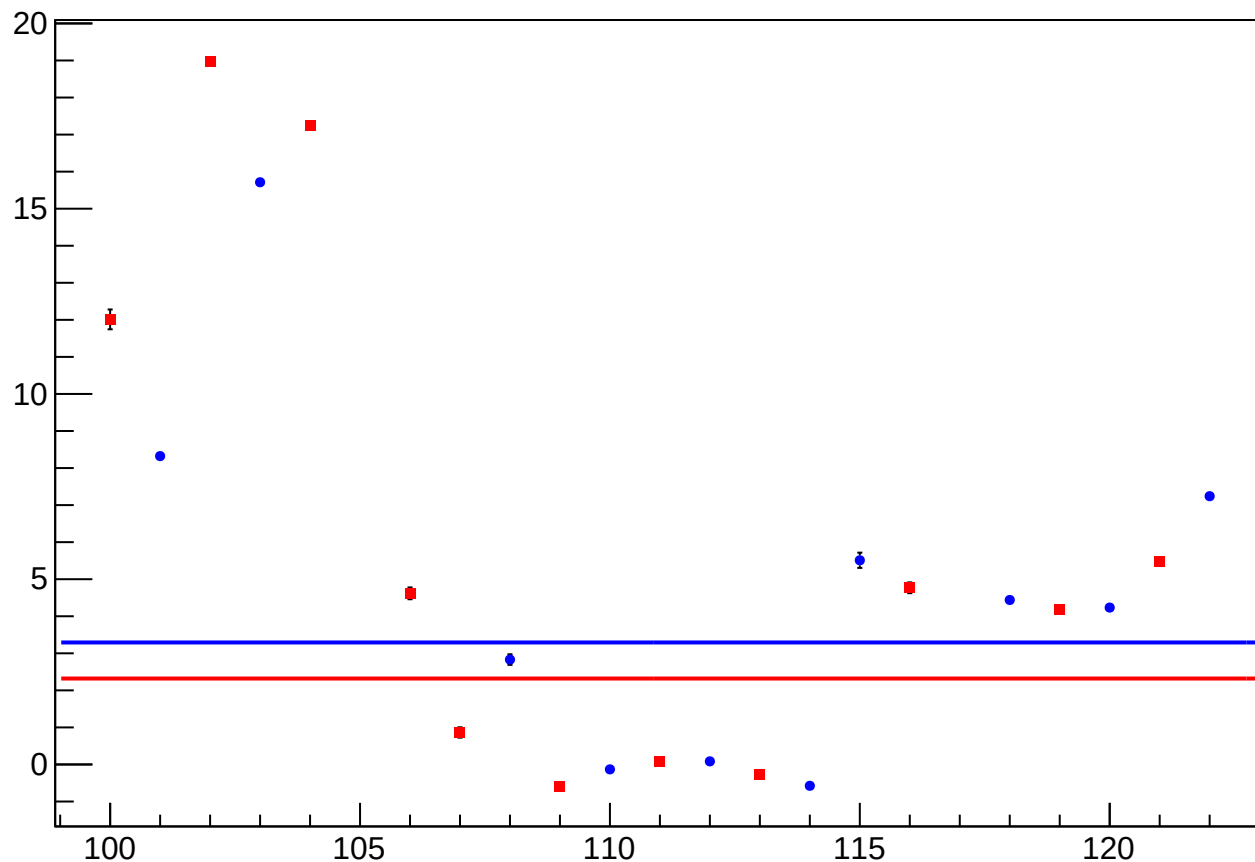
Right: 0.422+/-0.017 χ^2/NDF : 1345.9/20

In: 0.433+/-0.025 χ^2/NDF : 760.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.422+/-0.017 χ^2/NDF : 1345.9/20

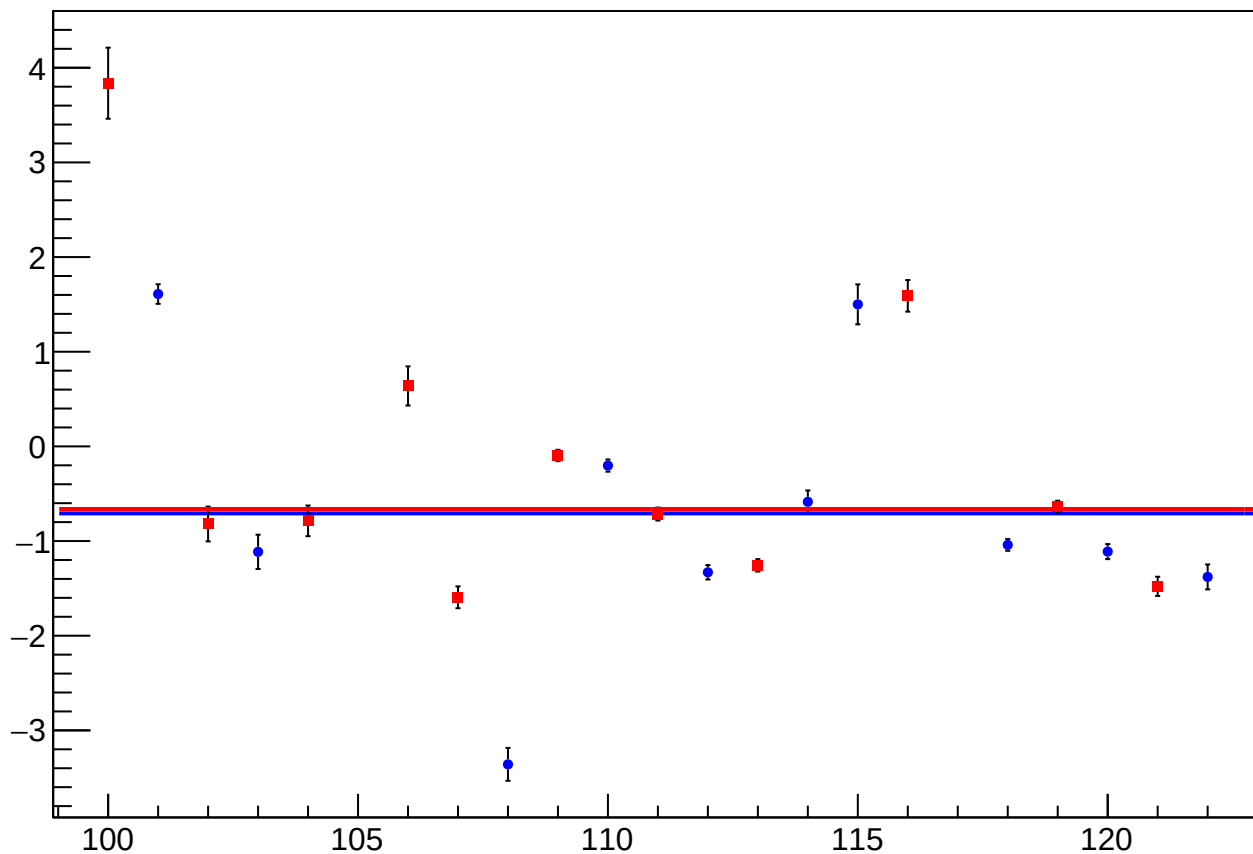
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.293+/-0.027 χ^2/NDF : 25161.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2.319+/-0.024 χ^2/NDF : 44277.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.748+/-0.018 χ^2/NDF : 70141.0/20
 In: 3.293+/-0.027 χ^2/NDF : 25161.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.748+/-0.018 χ^2/NDF : 70141.0/20

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.708 ± 0.030 χ^2/NDF : 1060.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.661 ± 0.028 χ^2/NDF : 668.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

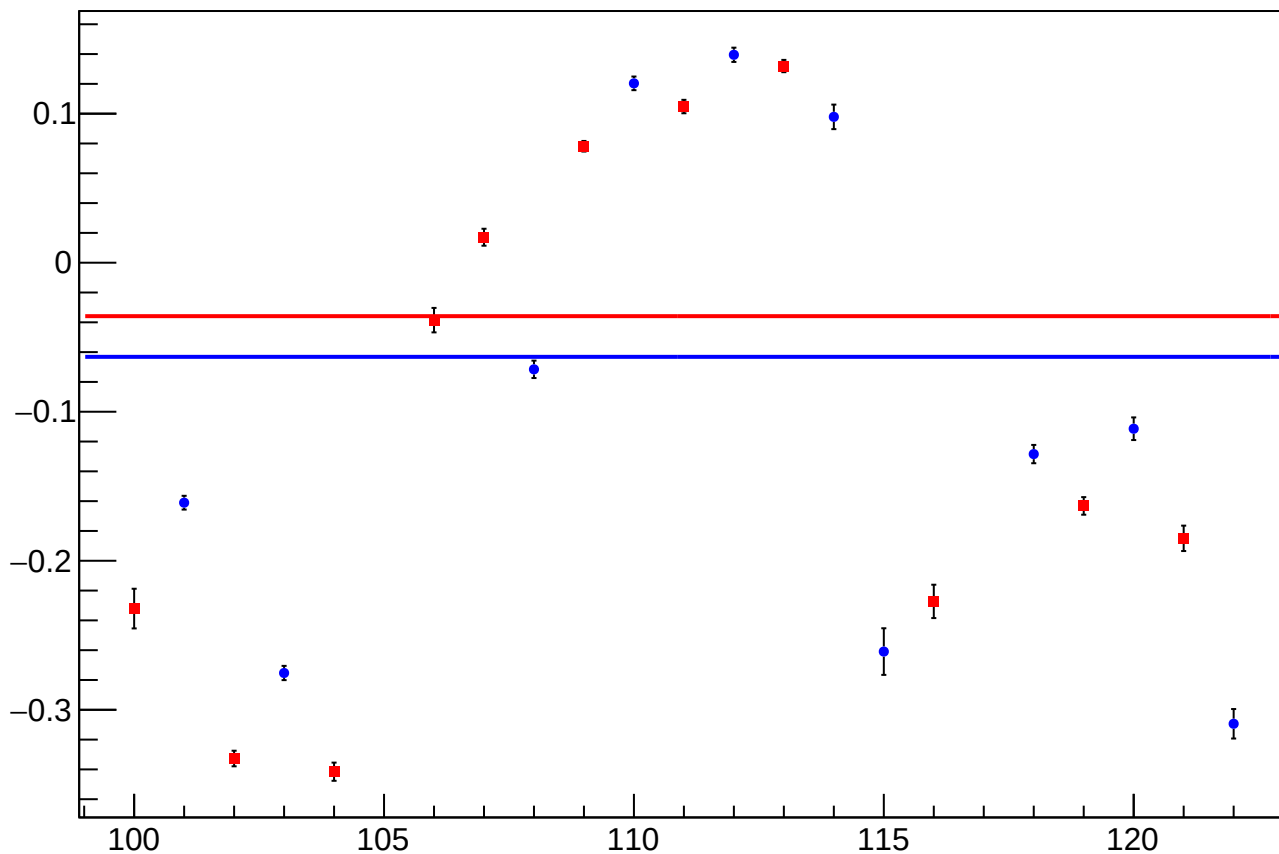
Right: -0.683 ± 0.020 χ^2/NDF : 1730.6/20

In: -0.708 ± 0.030 χ^2/NDF : 1060.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.683 ± 0.020 χ^2/NDF : 1730.6/20

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.063+/-0.002 χ^2/NDF : 7139.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.036+/-0.002 χ^2/NDF : 10754.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

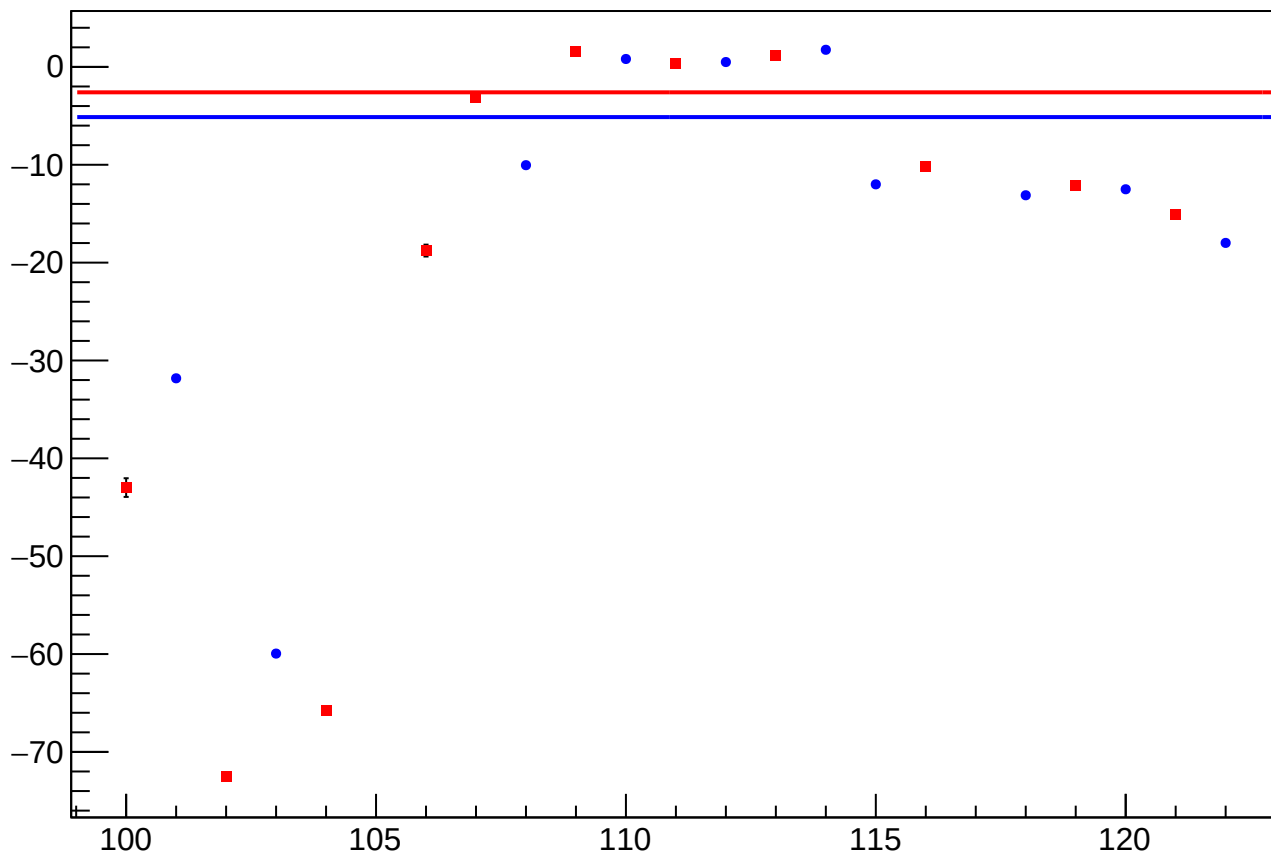
Right: -0.048+/-0.001 χ^2/NDF : 18010.8/20

In: -0.063+/-0.002 χ^2/NDF :7139.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.048+/-0.001 χ^2/NDF : 18010.8/20

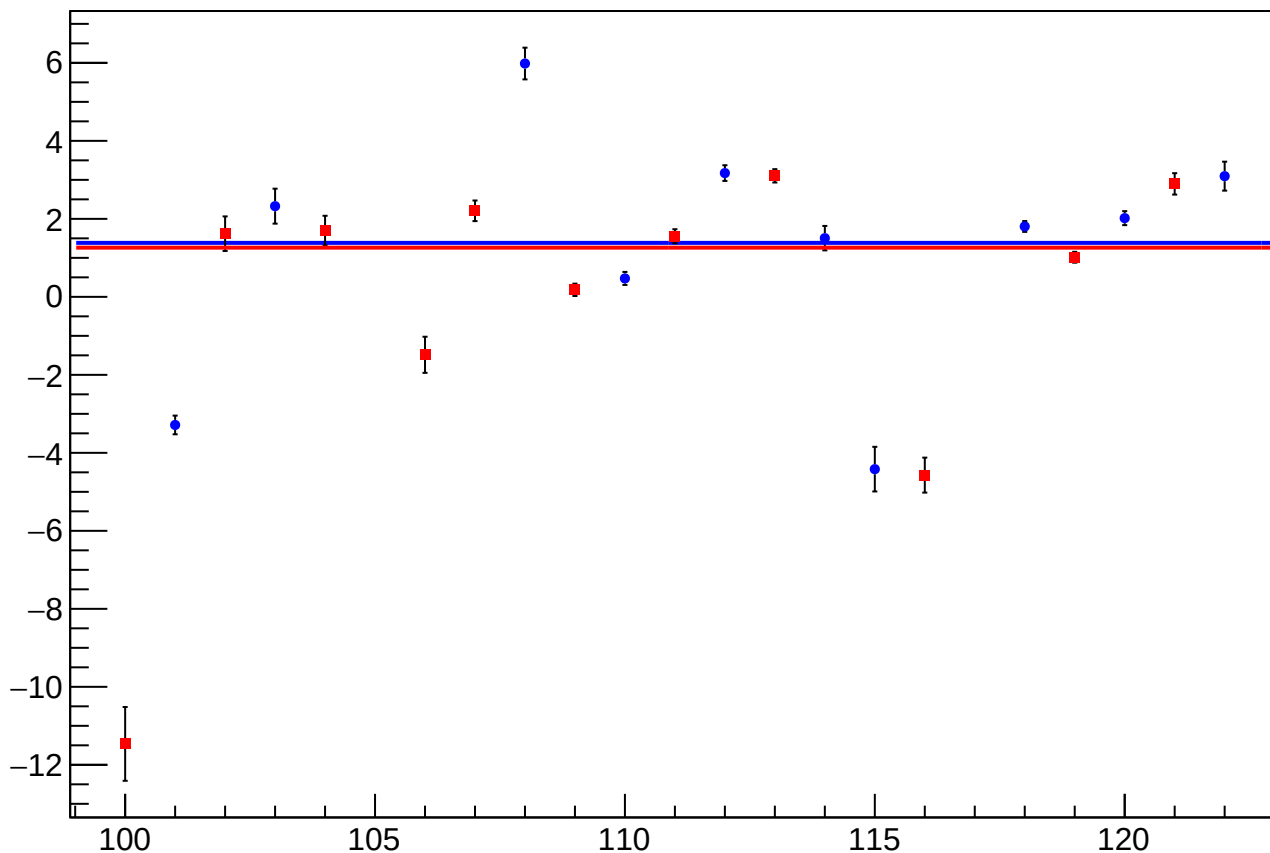
reg_asym_bcm_an_us_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.127+/-0.064 χ^2/NDF : 34444.7/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -2.597+/-0.052 χ^2/NDF : 52818.9/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.589+/-0.040 χ^2/NDF : 88203.9/20
 In: -5.127+/-0.064 χ^2/NDF :34444.7/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -3.589+/-0.040 χ^2/NDF : 88203.9/20

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.384+/-0.072 χ^2/NDF : 766.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.262+/-0.070 χ^2/NDF : 603.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

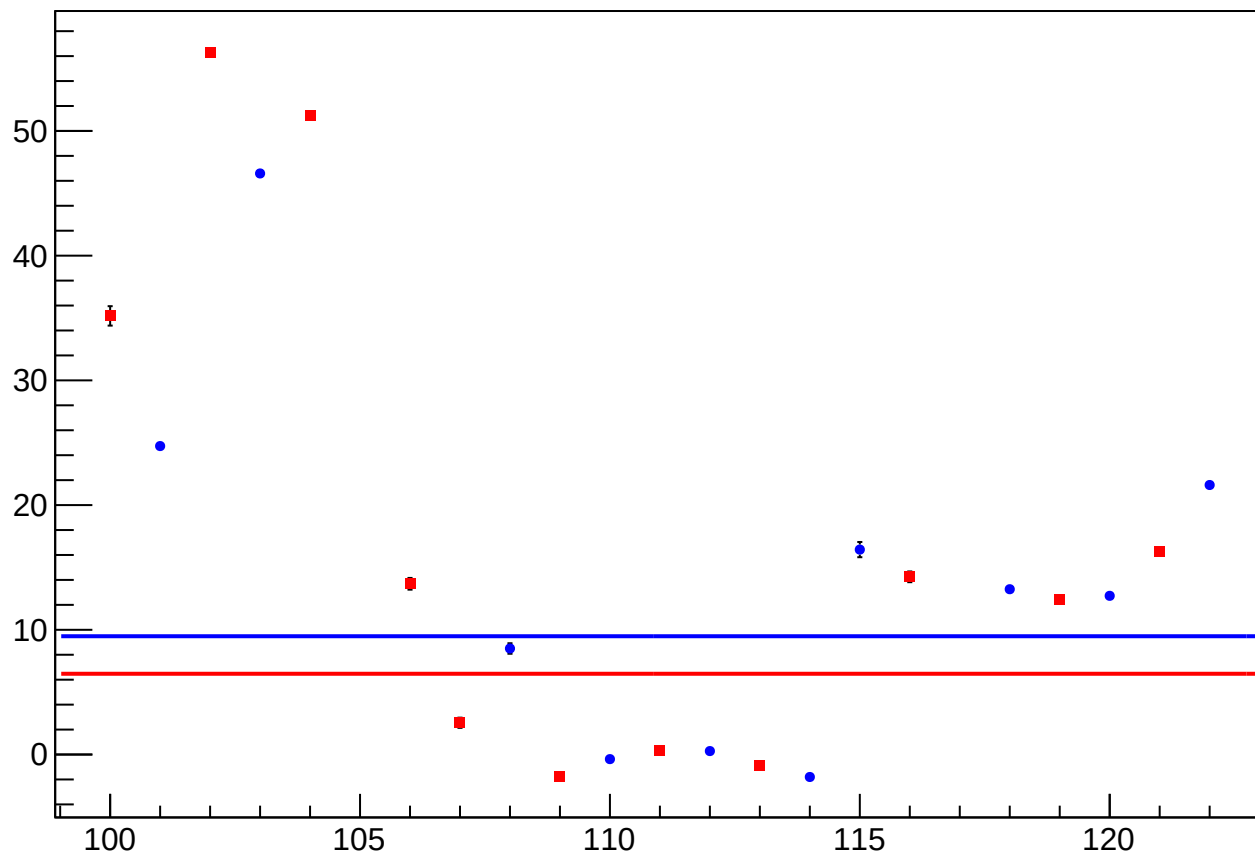
Right: 1.321+/-0.050 χ^2/NDF : 1372.1/20

In: 1.384+/-0.072 χ^2/NDF : 766.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.321+/-0.050 χ^2/NDF : 1372.1/20

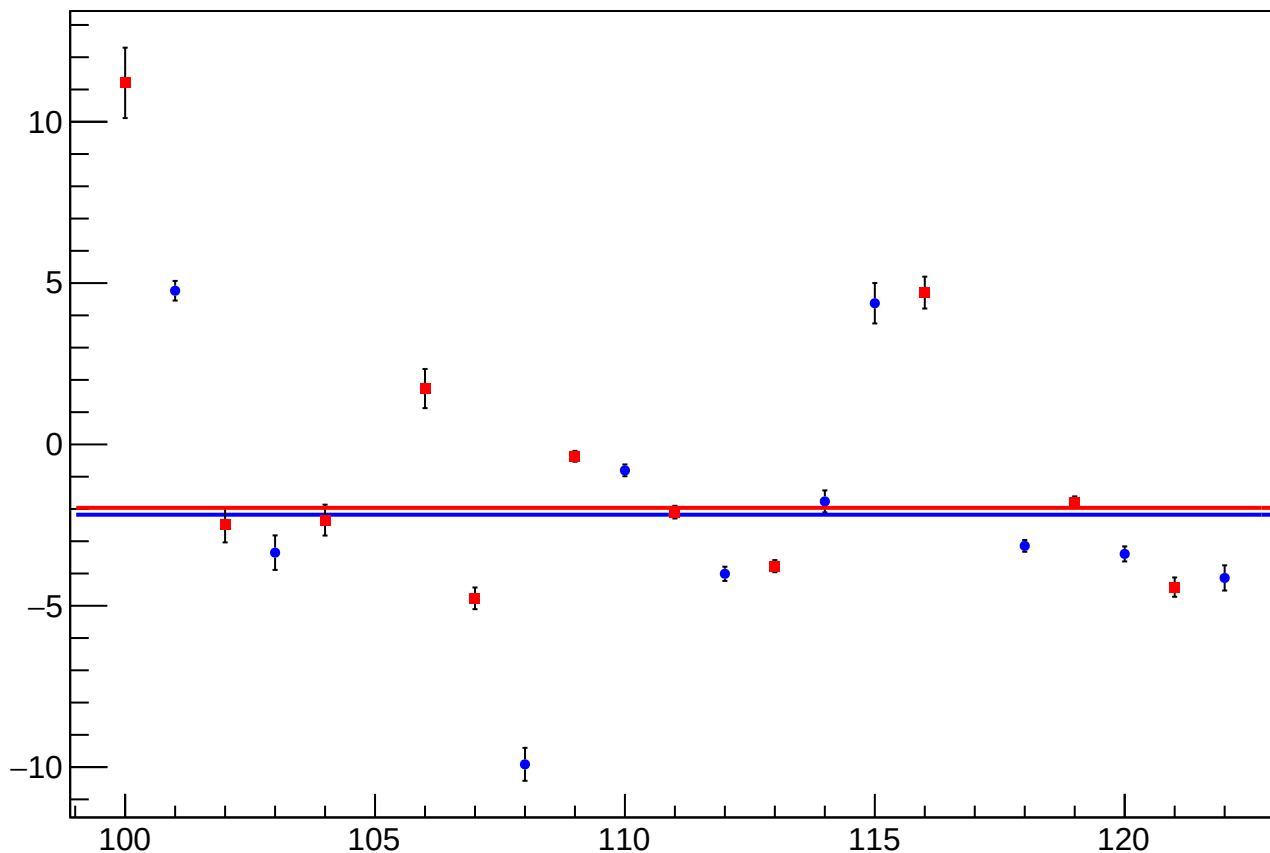
reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.484+/-0.080 χ^2/NDF : 25989.9/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.475+/-0.070 χ^2/NDF : 45434.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.782+/-0.052 χ^2/NDF : 72232.2/20
 In: 9.484+/-0.080 χ^2/NDF : 25989.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.782+/-0.052 χ^2/NDF : 72232.2/20

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.178+/-0.086 χ^2/NDF : 1071.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.965+/-0.080 χ^2/NDF : 689.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

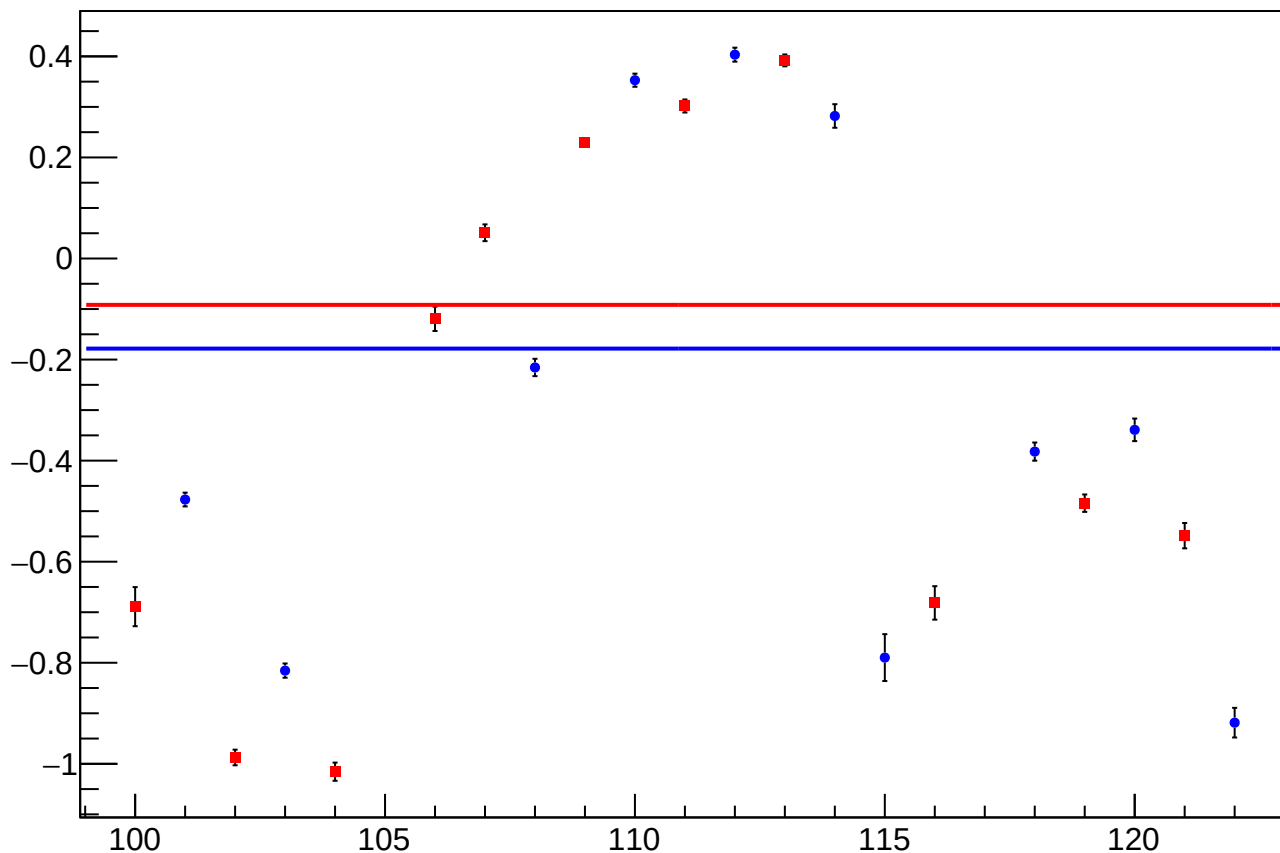
Right: -2.063+/-0.059 χ^2/NDF : 1764.1/20

In: -2.178+/-0.086 χ^2/NDF : 1071.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.063+/-0.059 χ^2/NDF : 1764.1/20

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7349.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.092 ± 0.005 χ^2/NDF : 11138.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

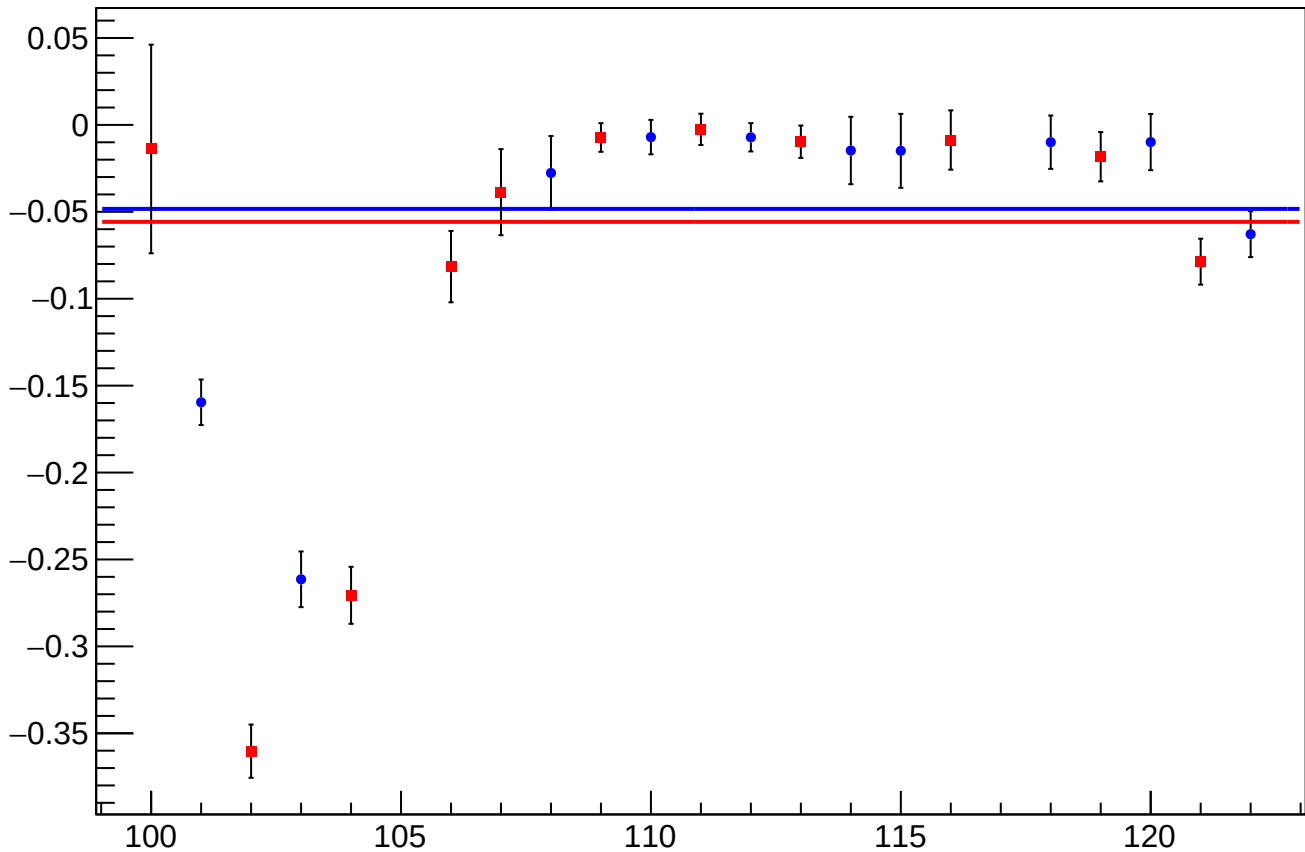
Right: -0.130 ± 0.004 χ^2/NDF : 18628.4/20

In: -0.178 ± 0.005 χ^2/NDF : 7349.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.130 ± 0.004 χ^2/NDF : 18628.4/20

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.048+/-0.004 χ^2/NDF : 311.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.056+/-0.004 χ^2/NDF : 681.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

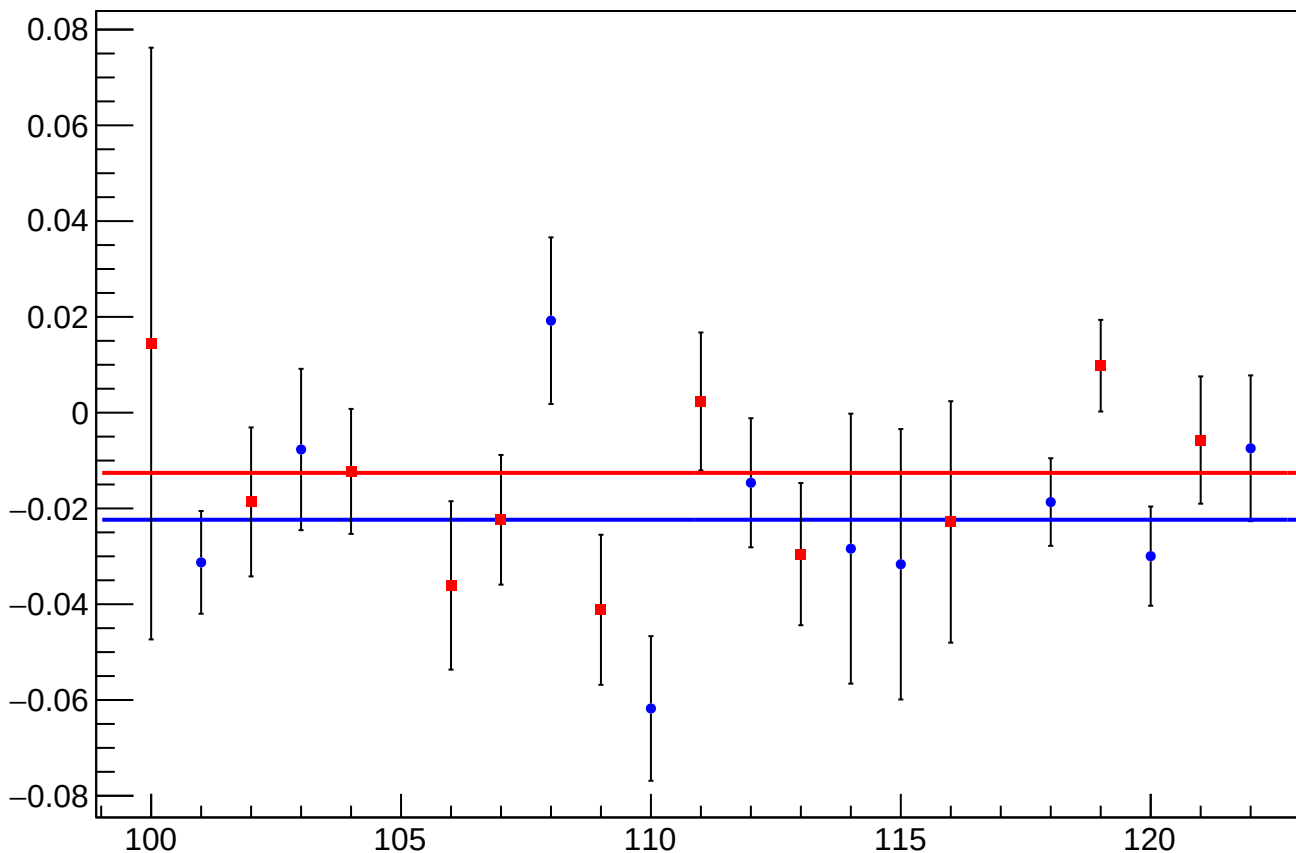
Right: -0.052+/-0.003 χ^2/NDF : 994.7/20

In: -0.048+/-0.004 χ^2/NDF :311.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.052+/-0.003 χ^2/NDF : 994.7/20

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.004 χ^2 /NDF: 16.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.004 χ^2 /NDF: 14.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

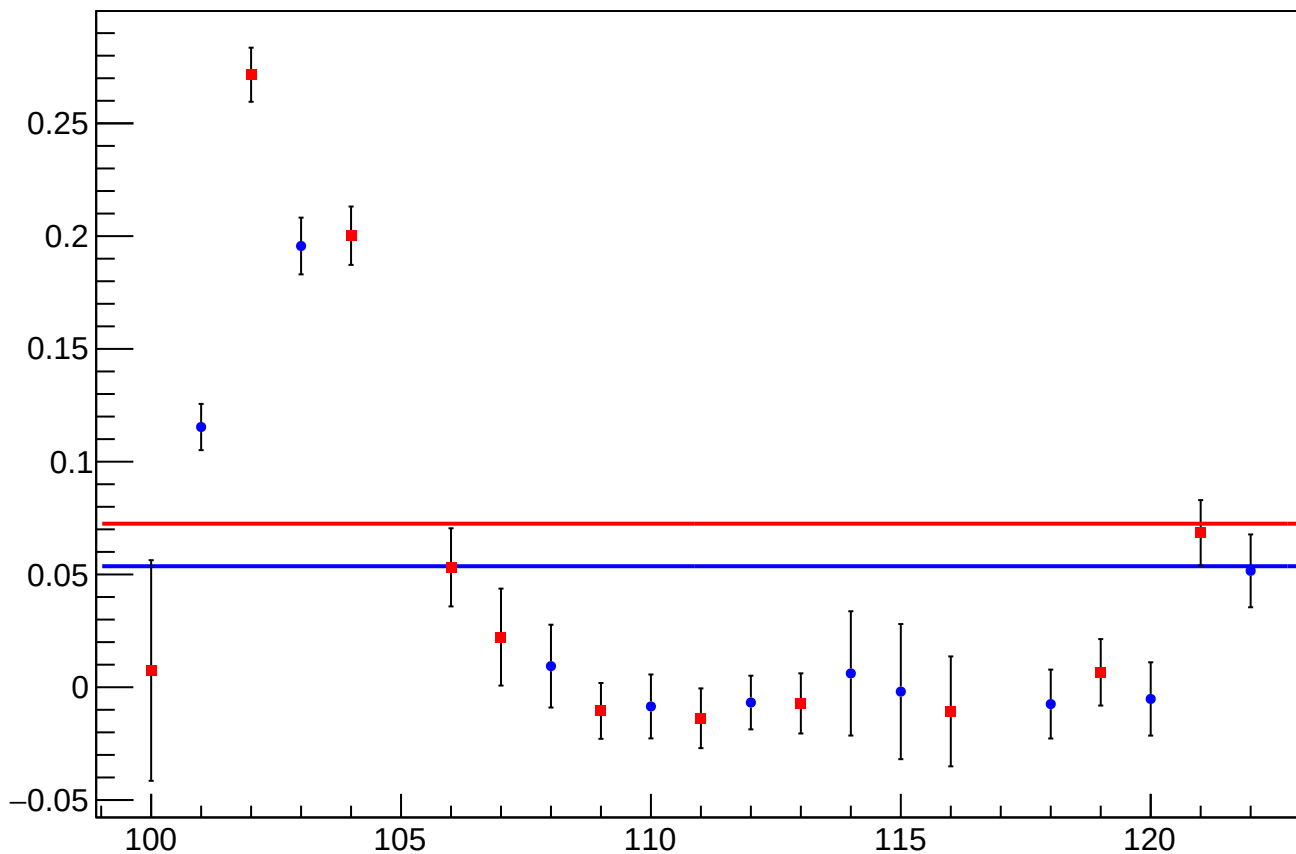
Right: -0.018 $\pm$ 0.003 χ^2 /NDF: 32.9/20

In: -0.022 $\pm$ 0.004 χ^2 /NDF:16.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.003 χ^2 /NDF: 32.9/20

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.054+/-0.005 χ^2/NDF : 250.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.005 χ^2/NDF : 536.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

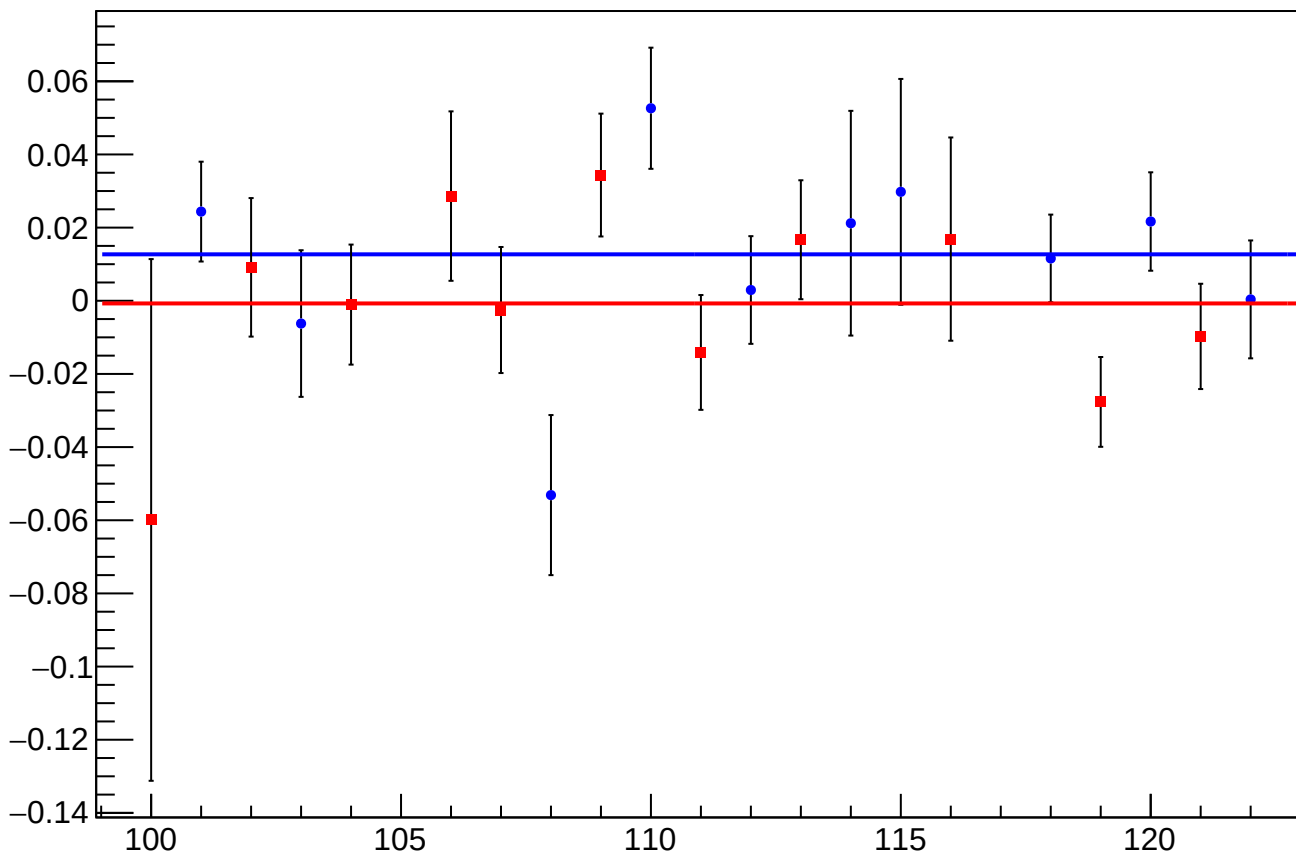
Right: 0.063+/-0.003 χ^2/NDF : 794.6/20

In: 0.054+/-0.005 χ^2/NDF : 250.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.063+/-0.003 χ^2/NDF : 794.6/20

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.013+/-0.005 χ^2/NDF : 18.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.005 χ^2/NDF : 14.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

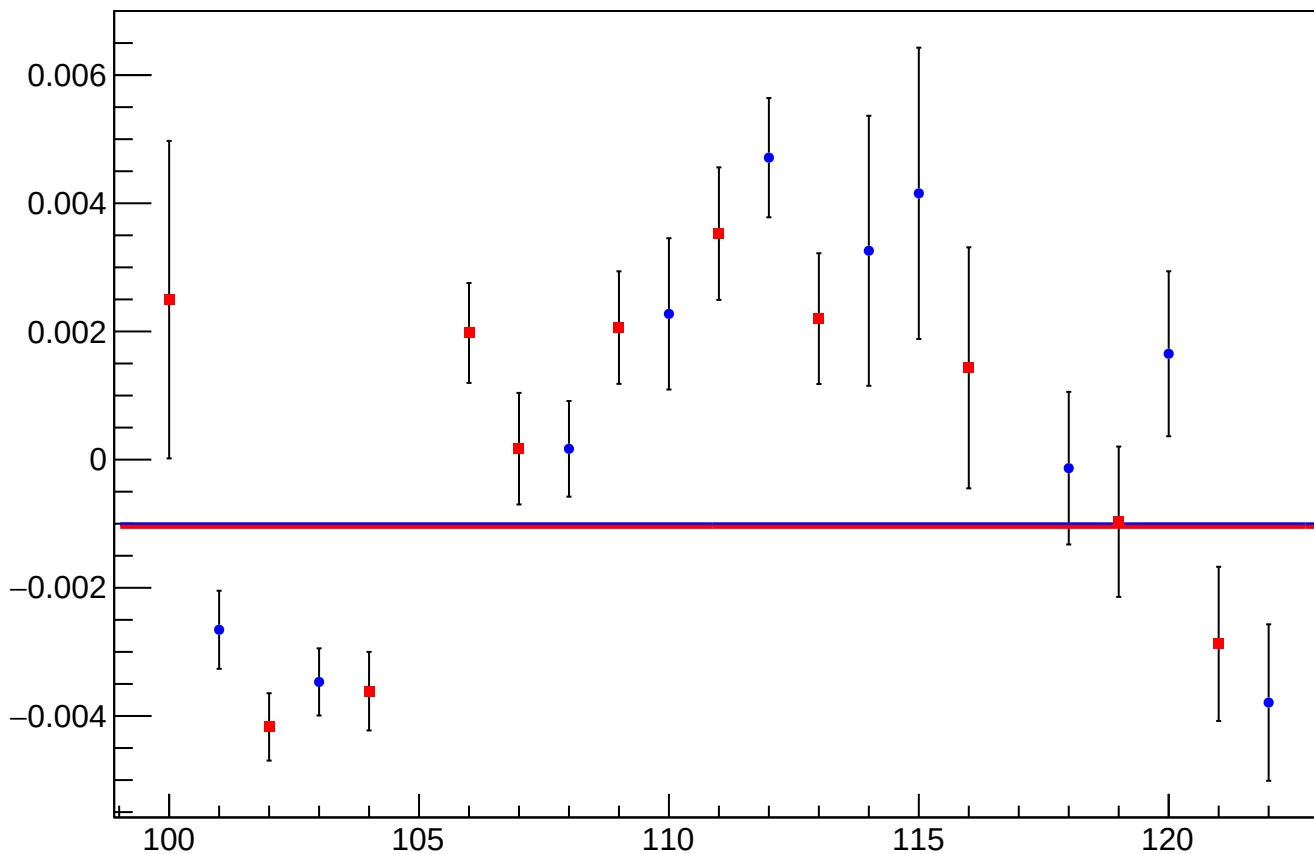
Right: 0.006+/-0.004 χ^2/NDF : 36.1/20

In: 0.013+/-0.005 χ^2/NDF : 18.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.004 χ^2/NDF : 36.1/20

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 96.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 118.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

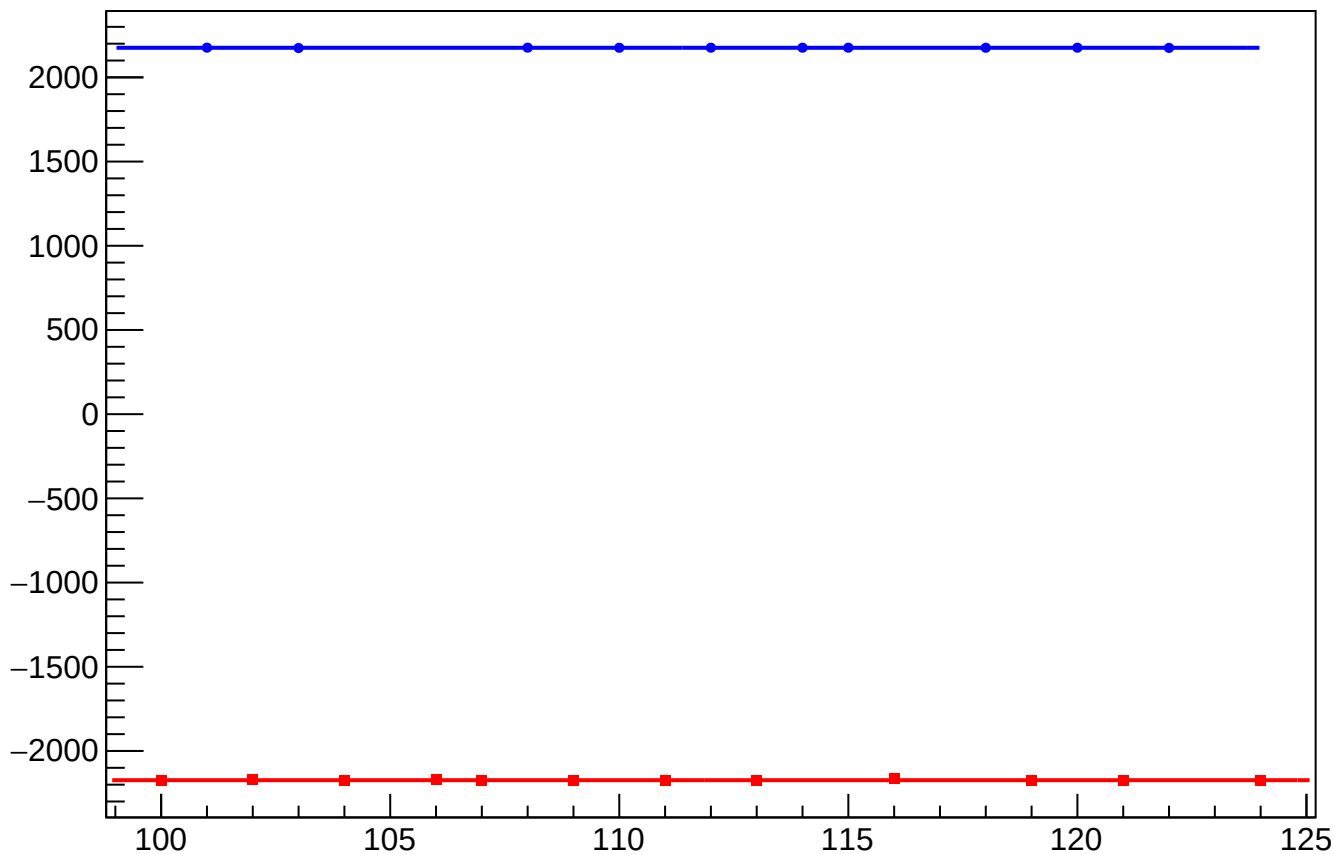
Right: -0.001+/-0.000 χ^2/NDF : 214.8/20

In: -0.001+/-0.000 χ^2/NDF :96.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.000 χ^2/NDF : 214.8/20

HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -146.143+/-0.000 χ^2/NDF : 42411792918063.0/10

In: 2175.677+/-0.000 χ^2/NDF : 238648917366506955491952904110080.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.143+/-0.000 χ^2/NDF : 42411792918063.0/10

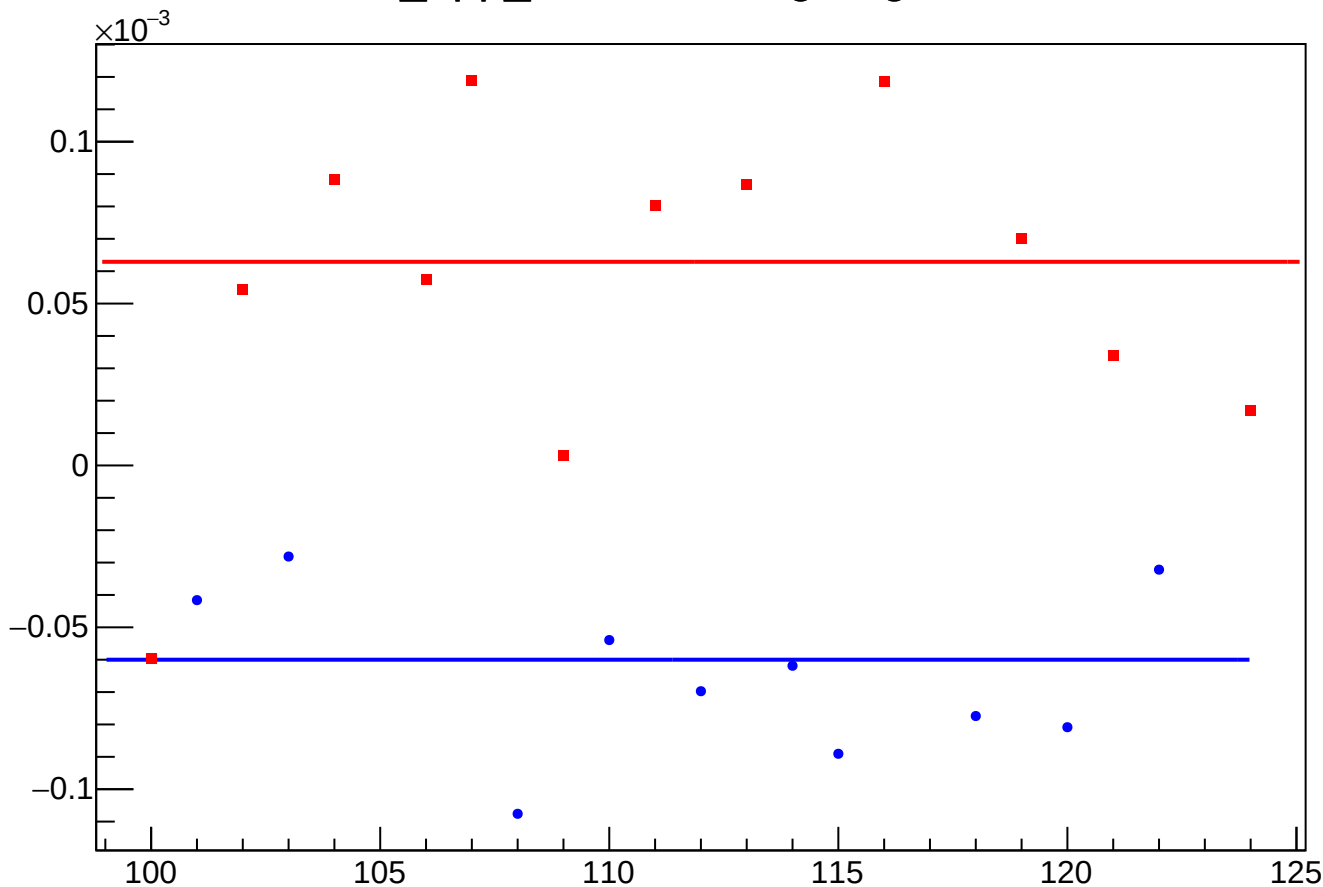
Right In: 2175.677+/-0.000 χ^2/NDF : 238648917366506955491952904110080.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2173.512+/-0.000 χ^2/NDF : 4262528902589555679941811494715392.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 263095982272525675528192.0/9

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 42546664478060350

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 604747089758418825641984.0/11

In: -0.000+/-0.000

χ^2/NDF : 263095982272525675

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

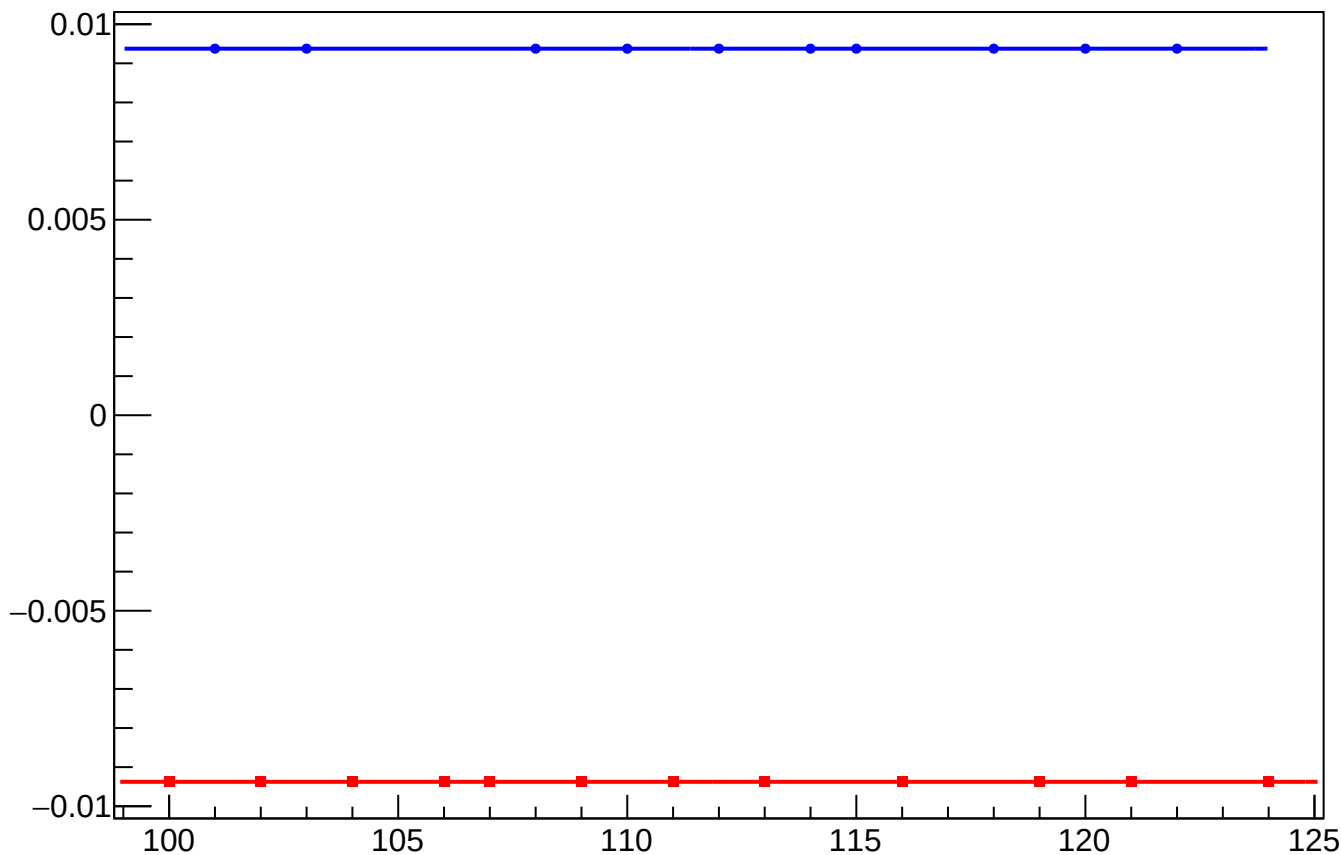
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 42546664478060350

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

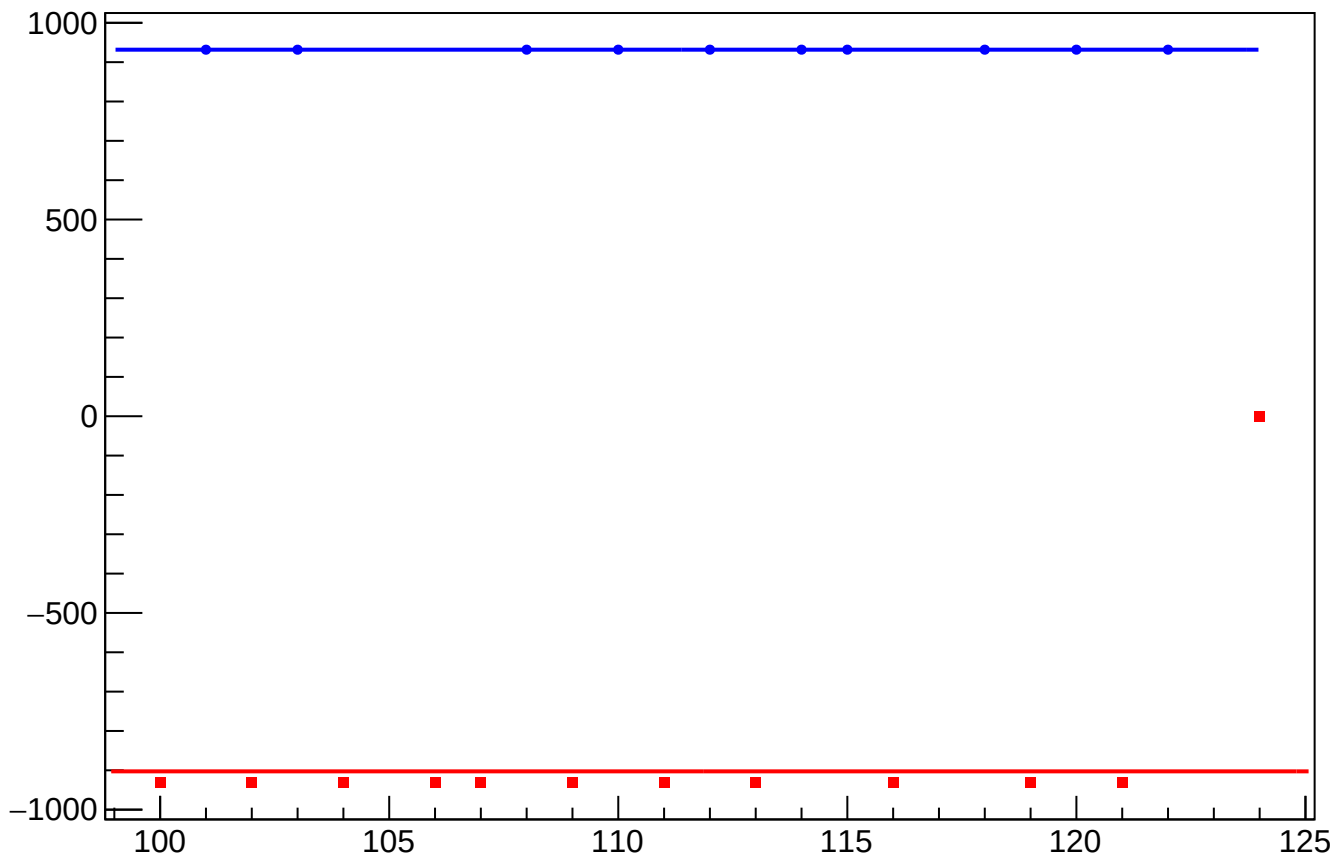
Right: -0.001+/-0.000 χ^2/NDF : 7882647752497220

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

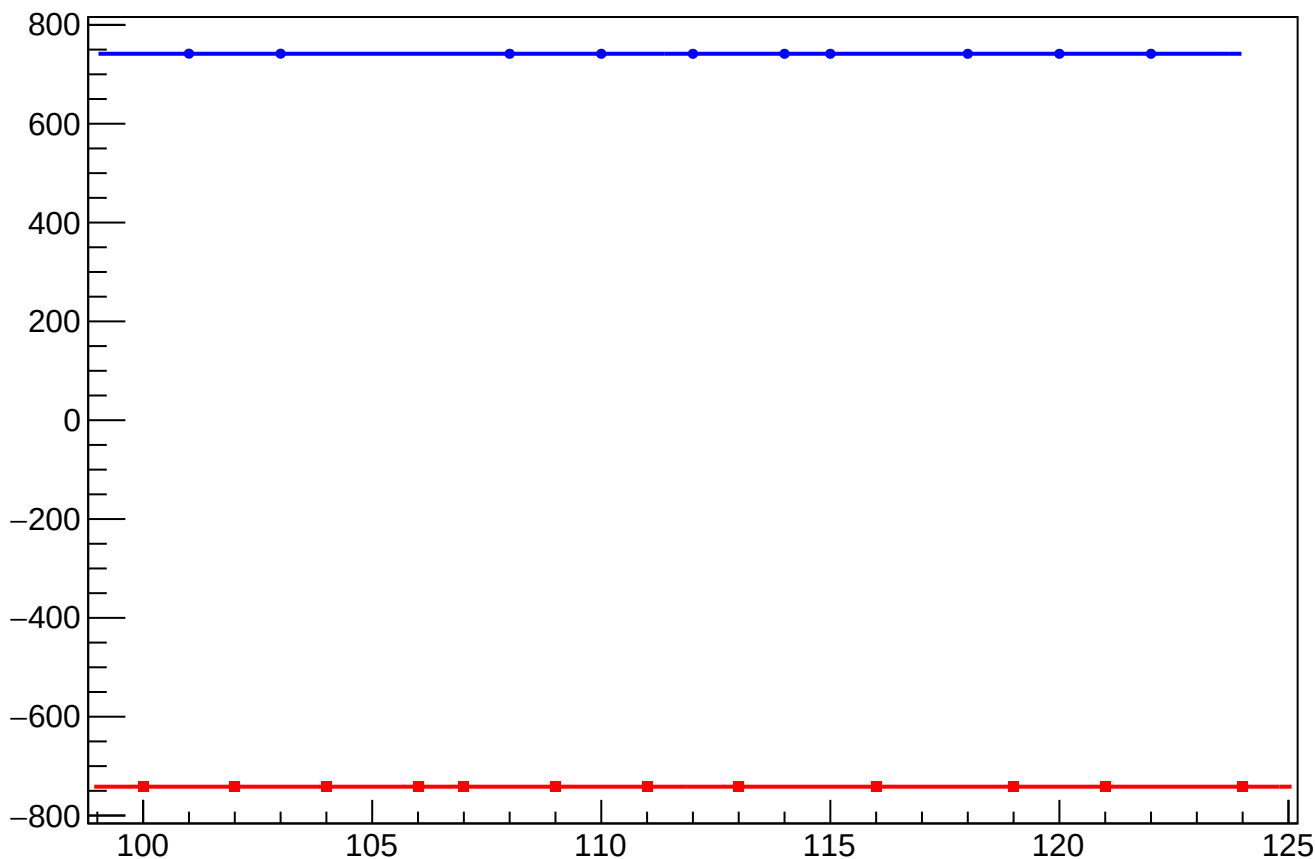
All: -0.001+/-0.000 χ^2/NDF : 7882647752497

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



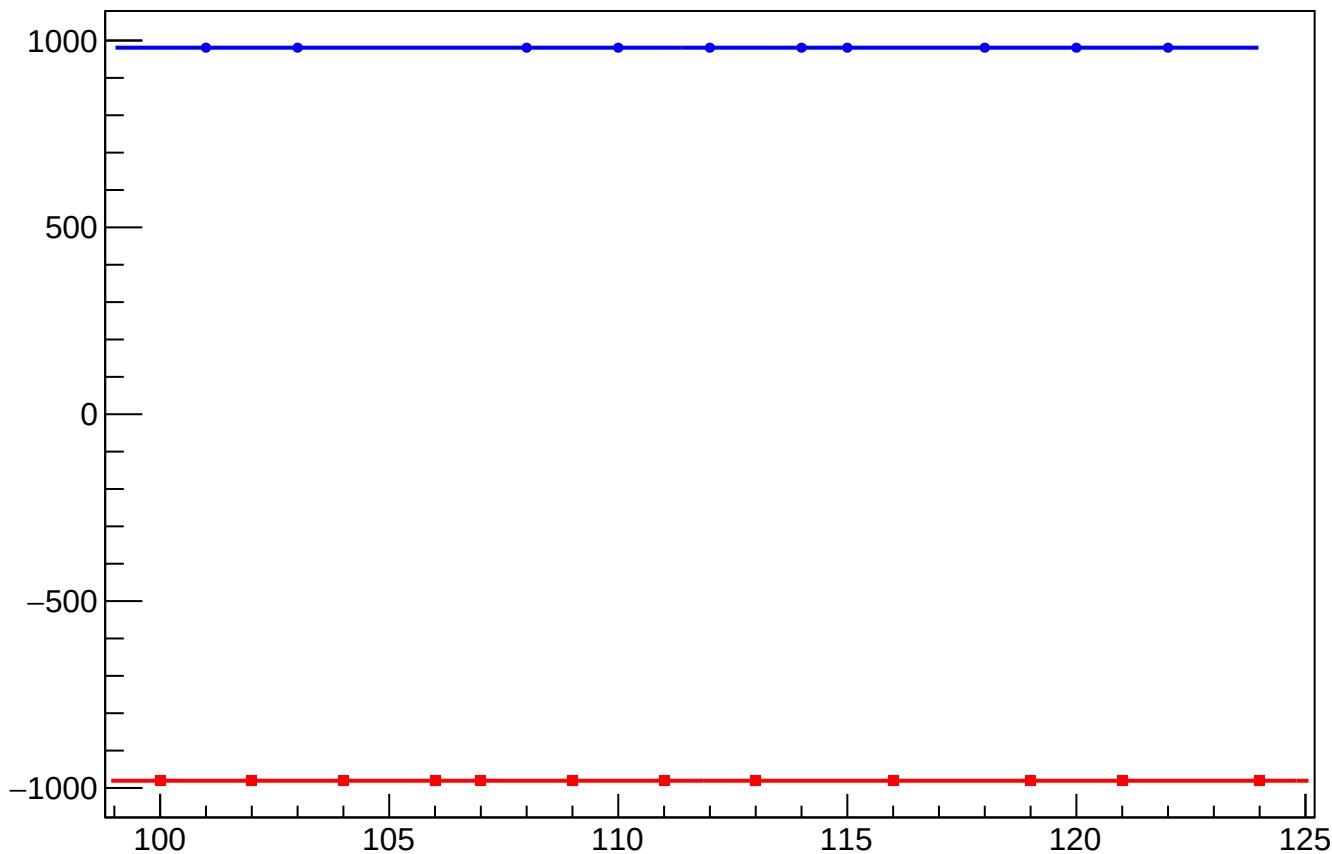
Right In: 931.721+/-0.000 χ^2/NDF : 335831269772626469011031326720.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -902.670+/-0.000 χ^2/NDF : 12614718545430923829985871910313918464.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -47.571+/-0.000 χ^2/NDF : 767104588809792.0/9

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



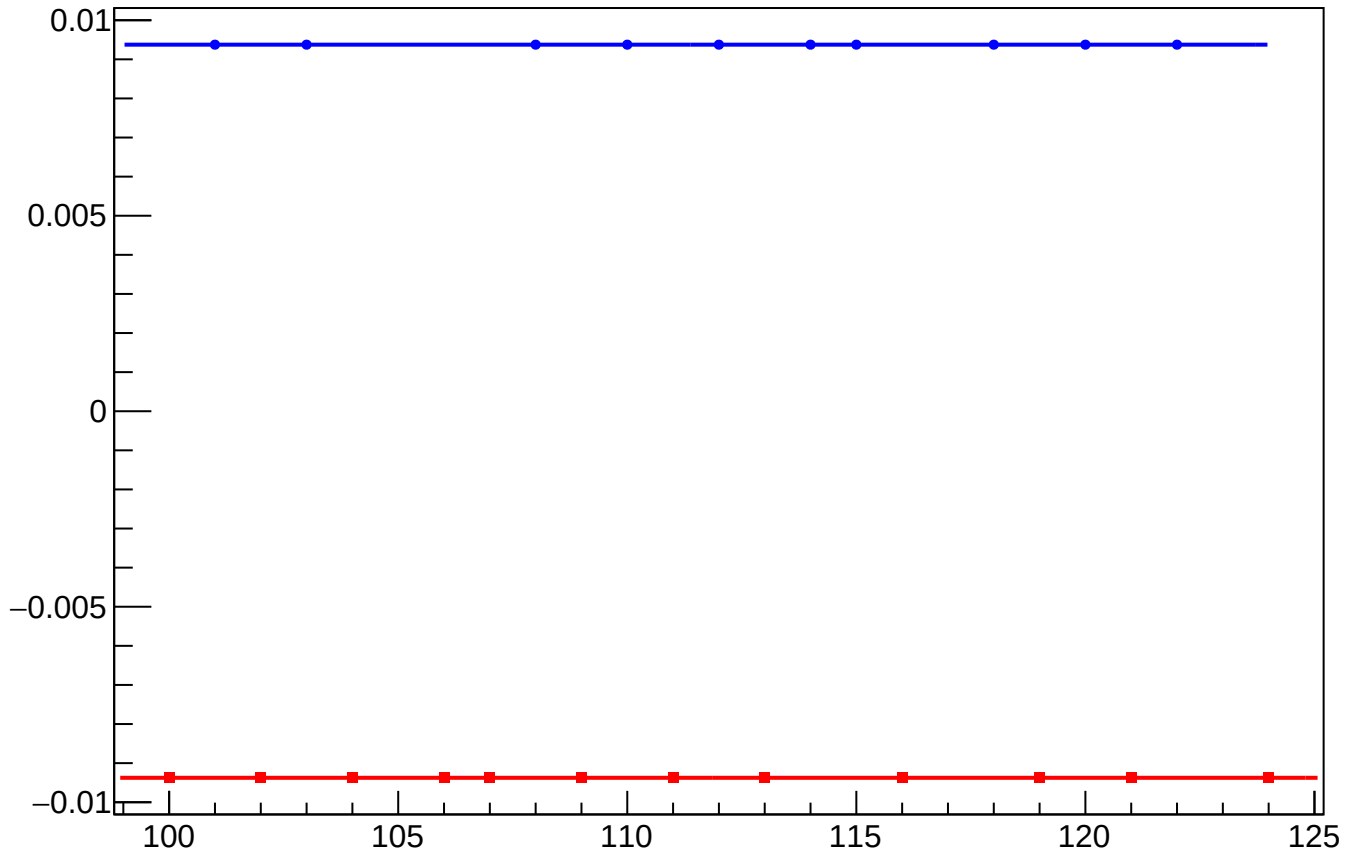
Right In: 741.600+/-0.000 χ^2/NDF : 5466449801330526994908330328064.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.606+/-0.000 χ^2/NDF : 6566631699268329616851161055232.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -50.211+/-0.000 χ^2/NDF : 493256242263440

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.785+/-0.000 χ^2/NDF : 360998651536115428536713478144.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.672+/-0.000 χ^2/NDF : 52291782757519690925383723515904.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -66.341+/-0.000 χ^2/NDF : 862635531861893

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

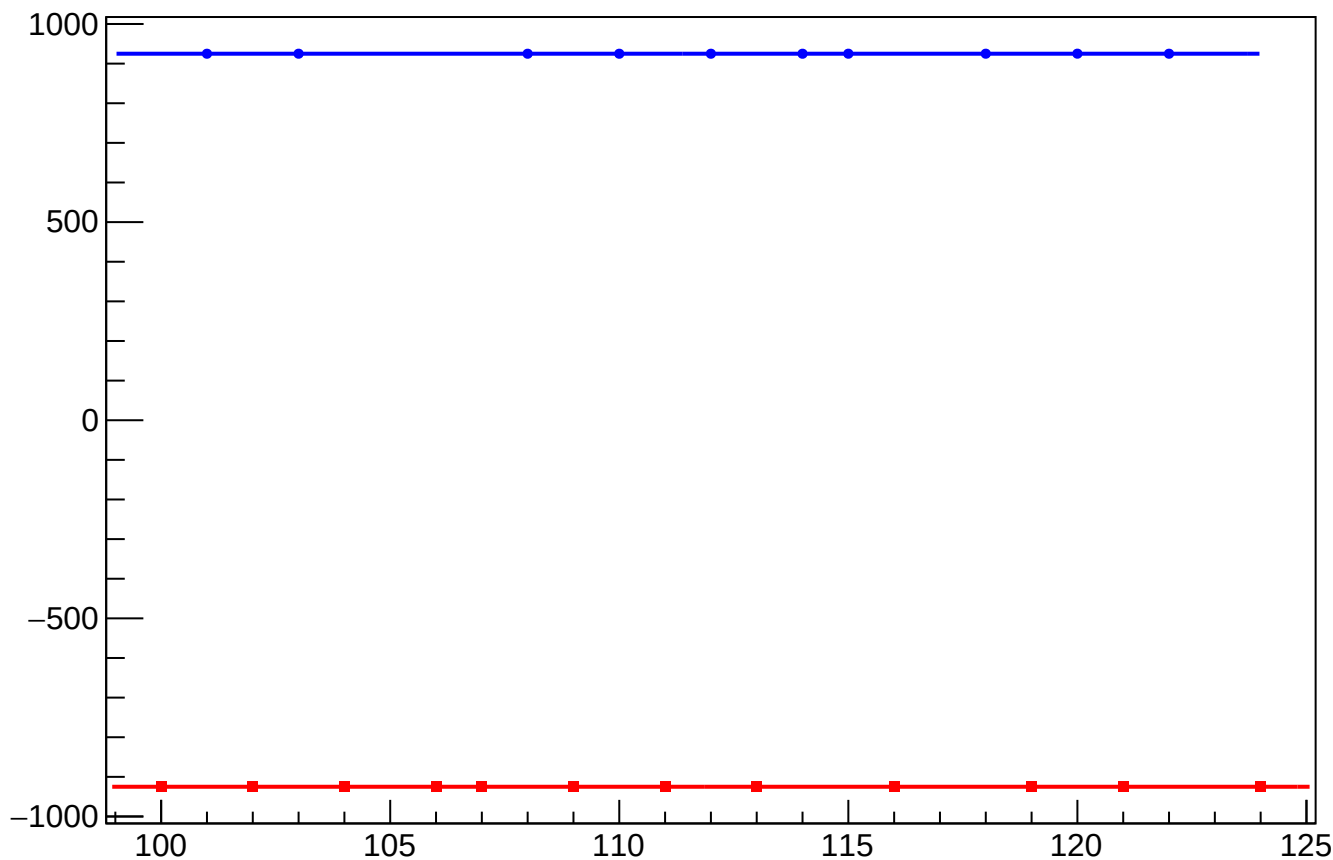
Right: -0.001+/-0.000 χ^2/NDF : 7882647752497220

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

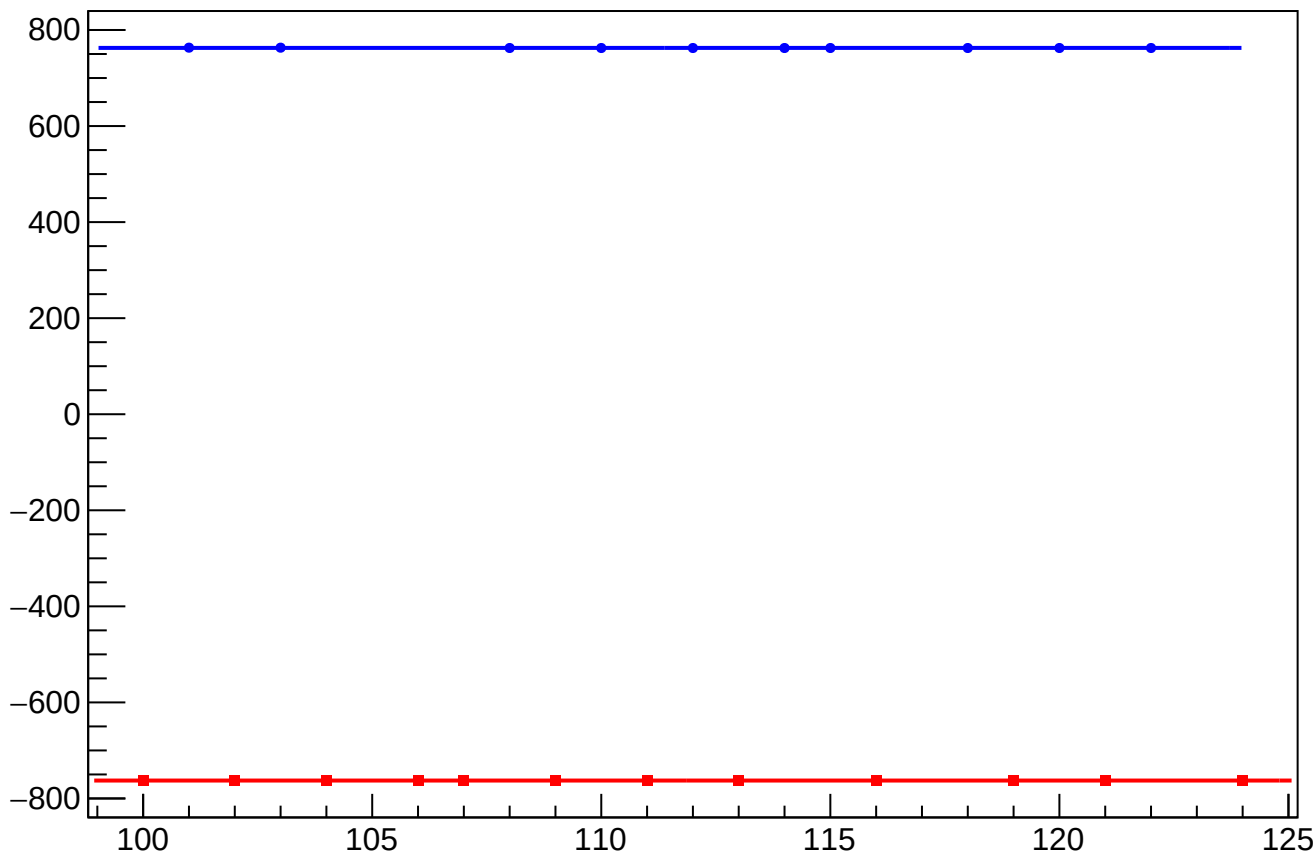
All: -0.001+/-0.000 χ^2/NDF : 7882647752497

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 924.987+/-0.000 χ^2/NDF : 823347902670756328461169590272.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.984+/-0.000 χ^2/NDF : 1030111049919060673371916206080.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -62.623+/-0.000 χ^2/NDF : 767360036217259

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 762.709+/-0.000 χ^2/NDF : 42100768055252526895353399607296.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -762.687+/-0.000 χ^2/NDF : 47001556382218208814201460228096.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

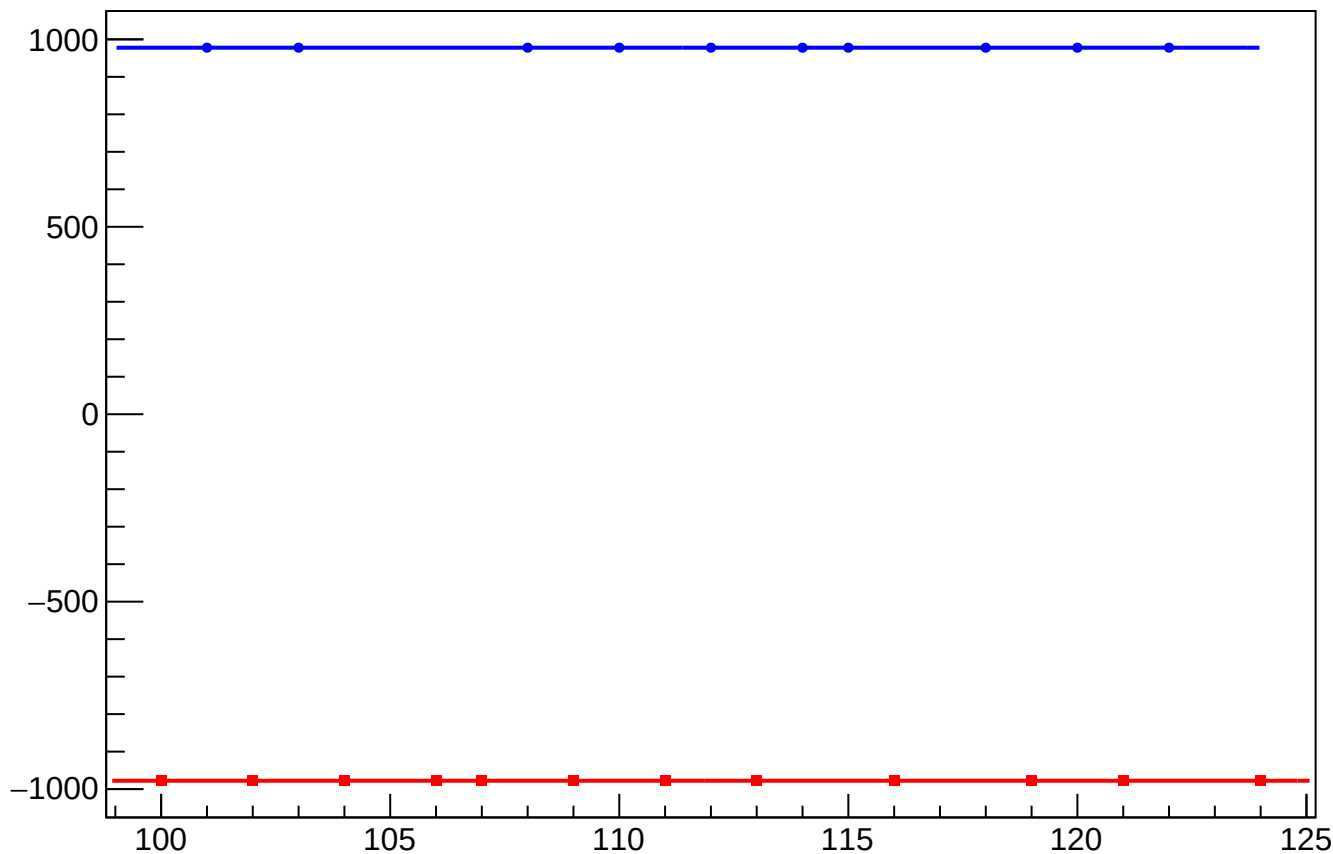
Right: -51.625+/-0.000 χ^2/NDF : 521716543655527.0/1

In: 762.709+/-0.000 χ^2/NDF : 42100768055252526895353399607296.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

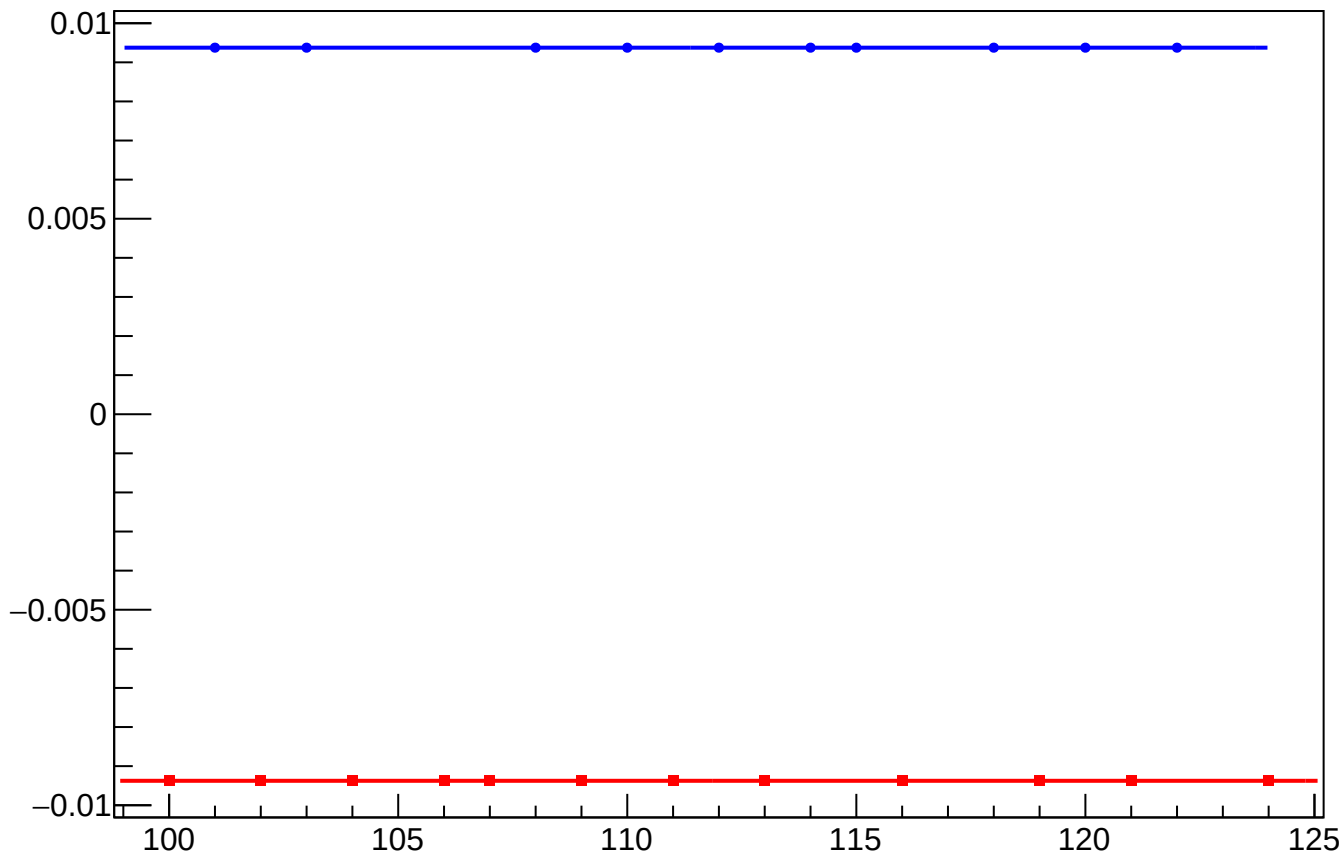
All: -51.625+/-0.000 χ^2/NDF : 521716543655527.0/1

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.756+/-0.000 χ^2/NDF : 269537172411952562079883329536.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.756+/-0.000 χ^2/NDF : 843009870280442232526159740928.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -66.196+/-0.000 χ^2/NDF : 857413367381926

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

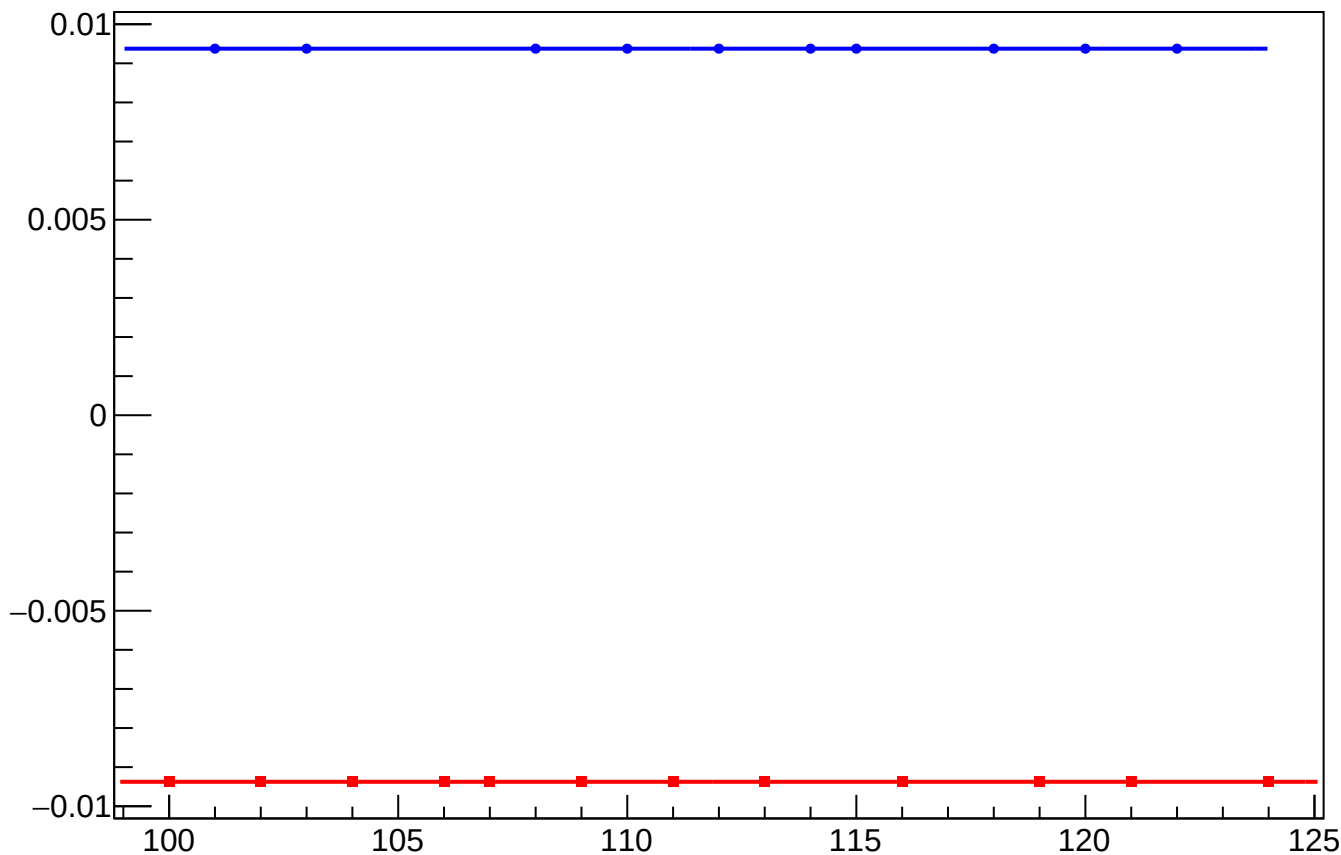
Right: -0.001+/-0.000 χ^2/NDF : 7882647752497220

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7882647752497

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

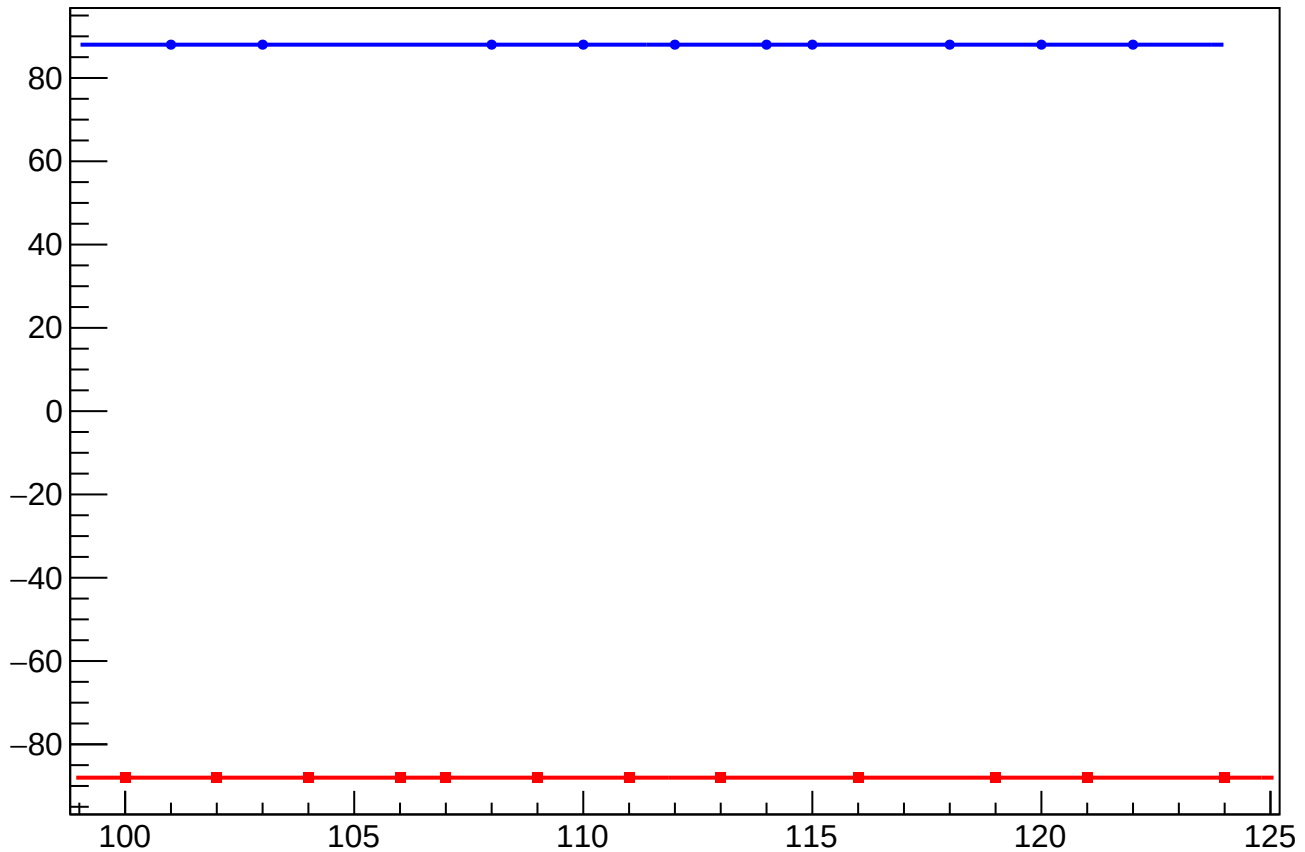
Right: -0.001+/-0.000 χ^2/NDF : 7882647752497220

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7882647752497

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 803552.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.005+/-0.000 χ^2/NDF : 69957244193815984108610781184.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

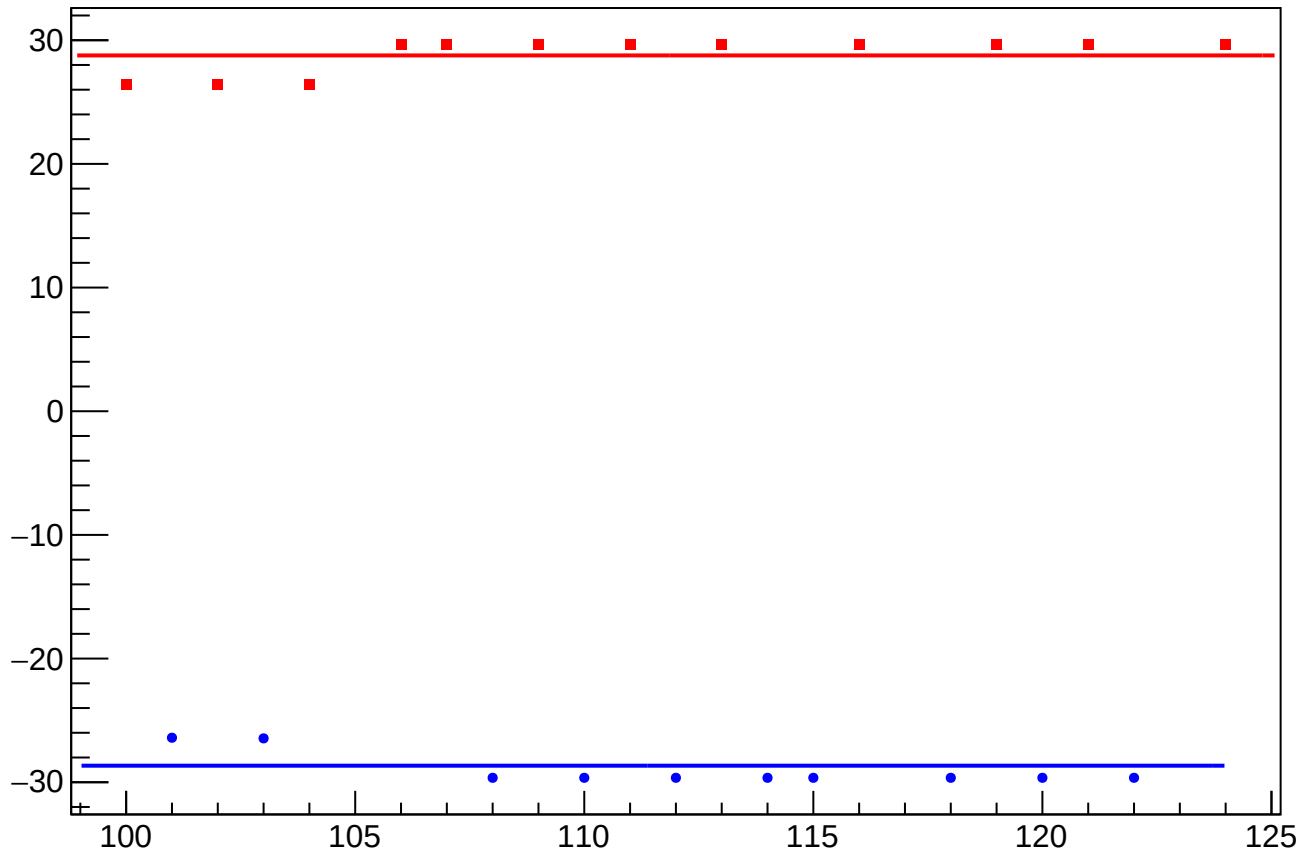
Right: -5.960+/-0.000 χ^2/NDF : 6945811946904780

In: 88.001+/-0.000 χ^2/NDF : 803552.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

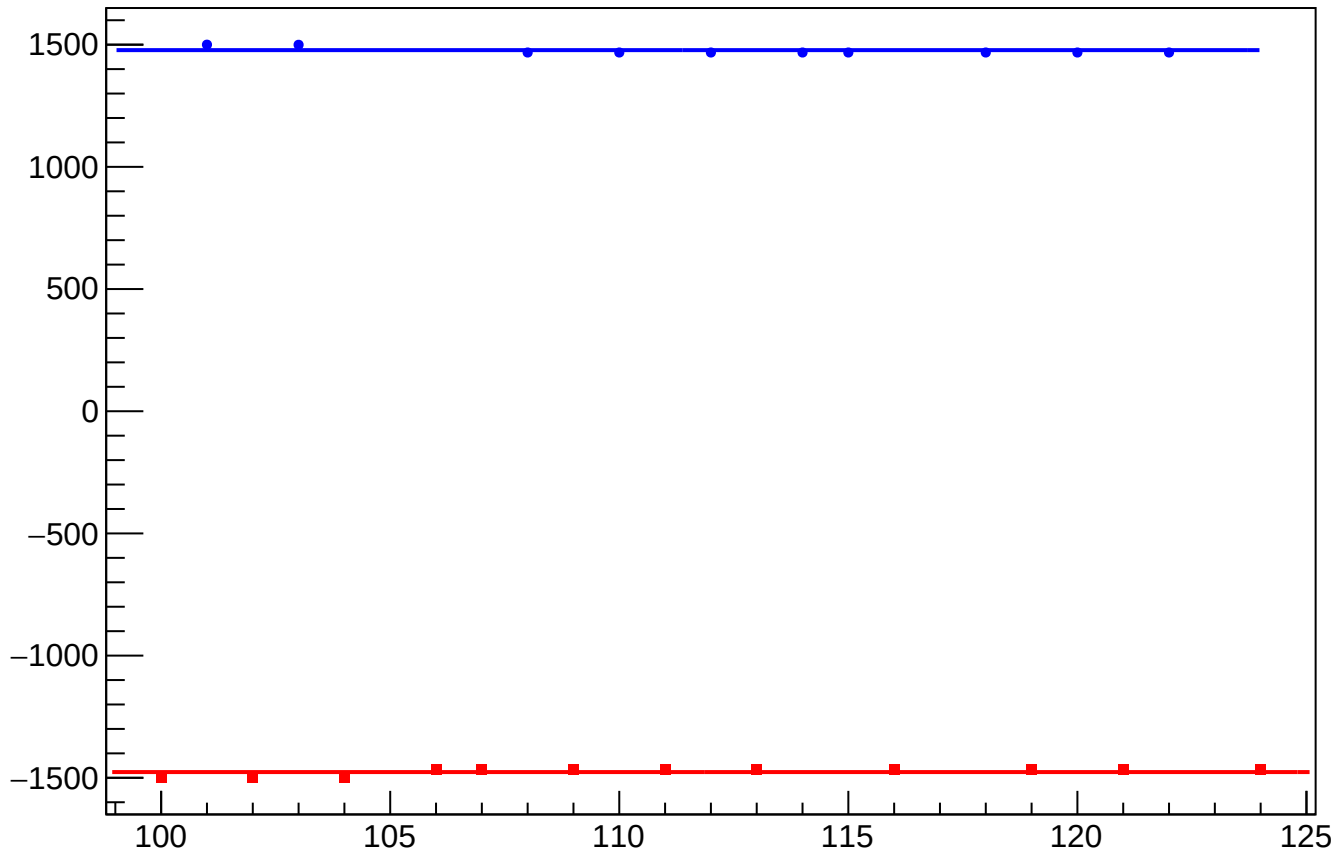
All: -5.960+/-0.000 χ^2/NDF : 6945811946904

HWienAngle_mean vs Slug, Sign Corrected



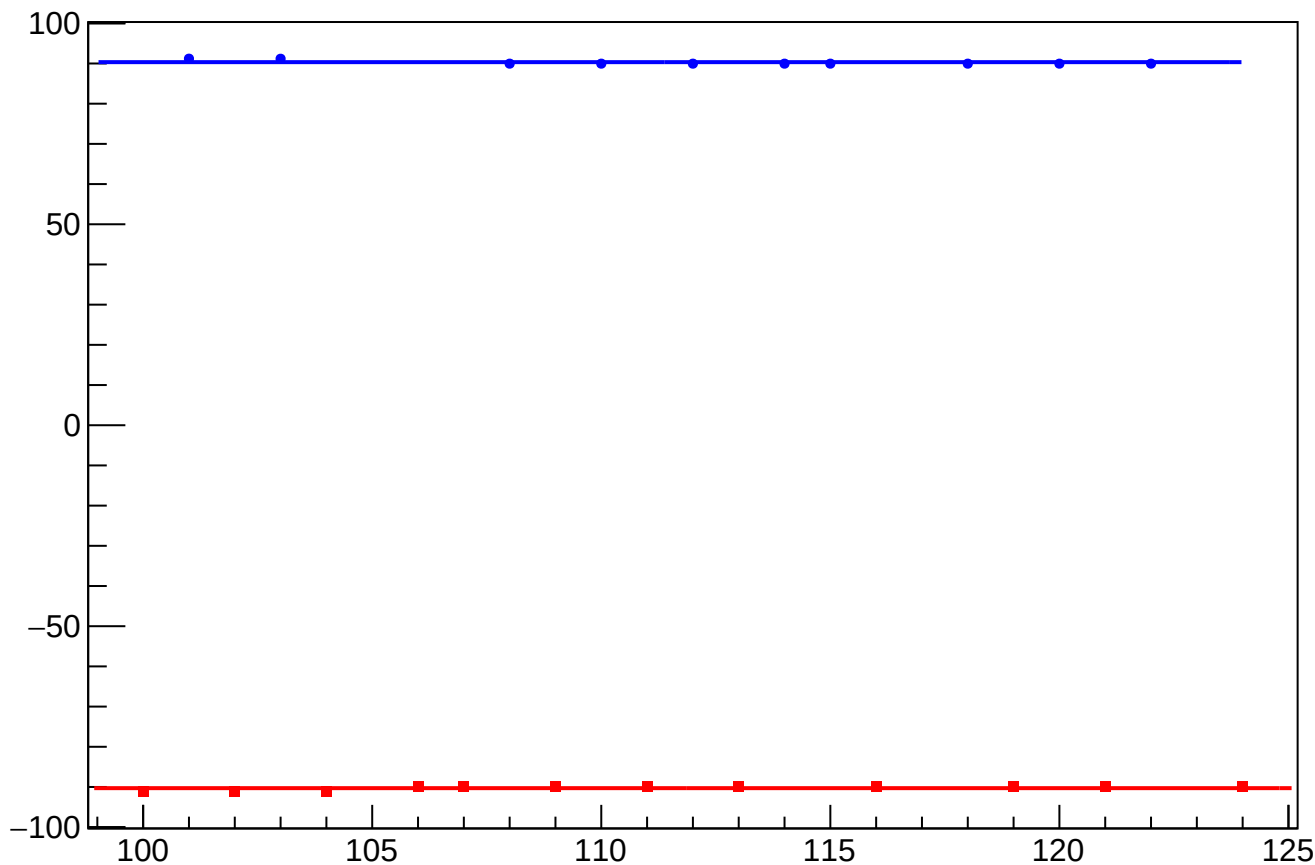
Right In: -28.661+/-0.000 χ^2/NDF : 919731394285736865991463733821440.0/9
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 28.772+/-0.000 χ^2/NDF : 991008359251575530827205694193664.0/11
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 2.000+/-0.000 χ^2/NDF : 74149699814273760

psub_pl_pos_mean vs Slug, Sign Corrected



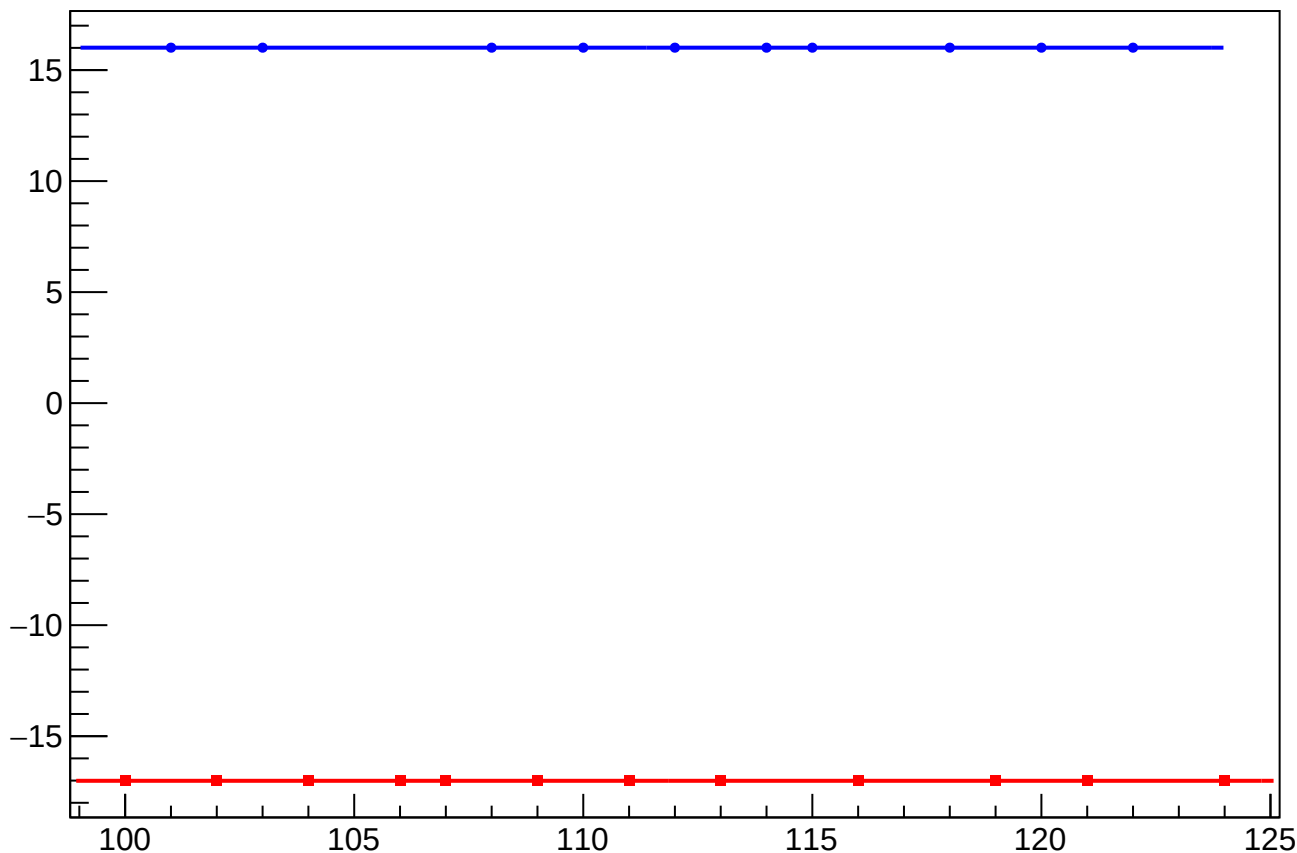
Right In: 1477.662+/-0.000 χ^2/NDF : 89836286504042277981641585534697472.0/9
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1476.567+/-0.000 χ^2/NDF : 96798382052369321677421667306962944.0/11
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -99.457+/-0.000 χ^2/NDF : 195703838364154

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.334+/-0.000 χ^2/NDF : 134714505396837803159477821636608.0/9
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -90.292+/-0.000 χ^2/NDF : 145154554677772437162959522758656.0/11
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -6.093+/-0.000 χ^2/NDF : 731555393464850

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 34608.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 10842970289258025373925376.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

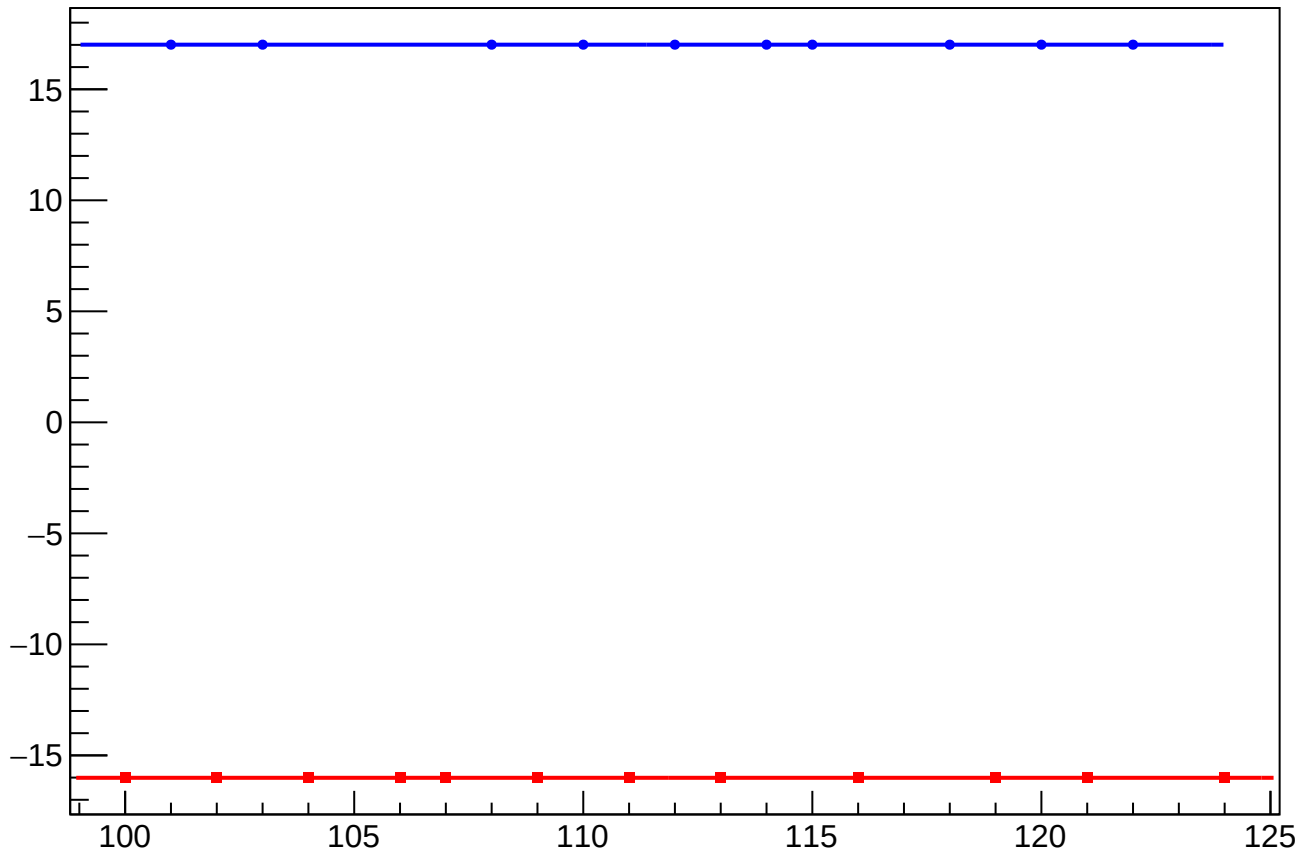
Right: -0.755+/-0.000 χ^2/NDF : 2291667212525865

In: 16.009+/-0.000 χ^2/NDF : 34608.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.755+/-0.000 χ^2/NDF : 2291667212525

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 35656.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 27187.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

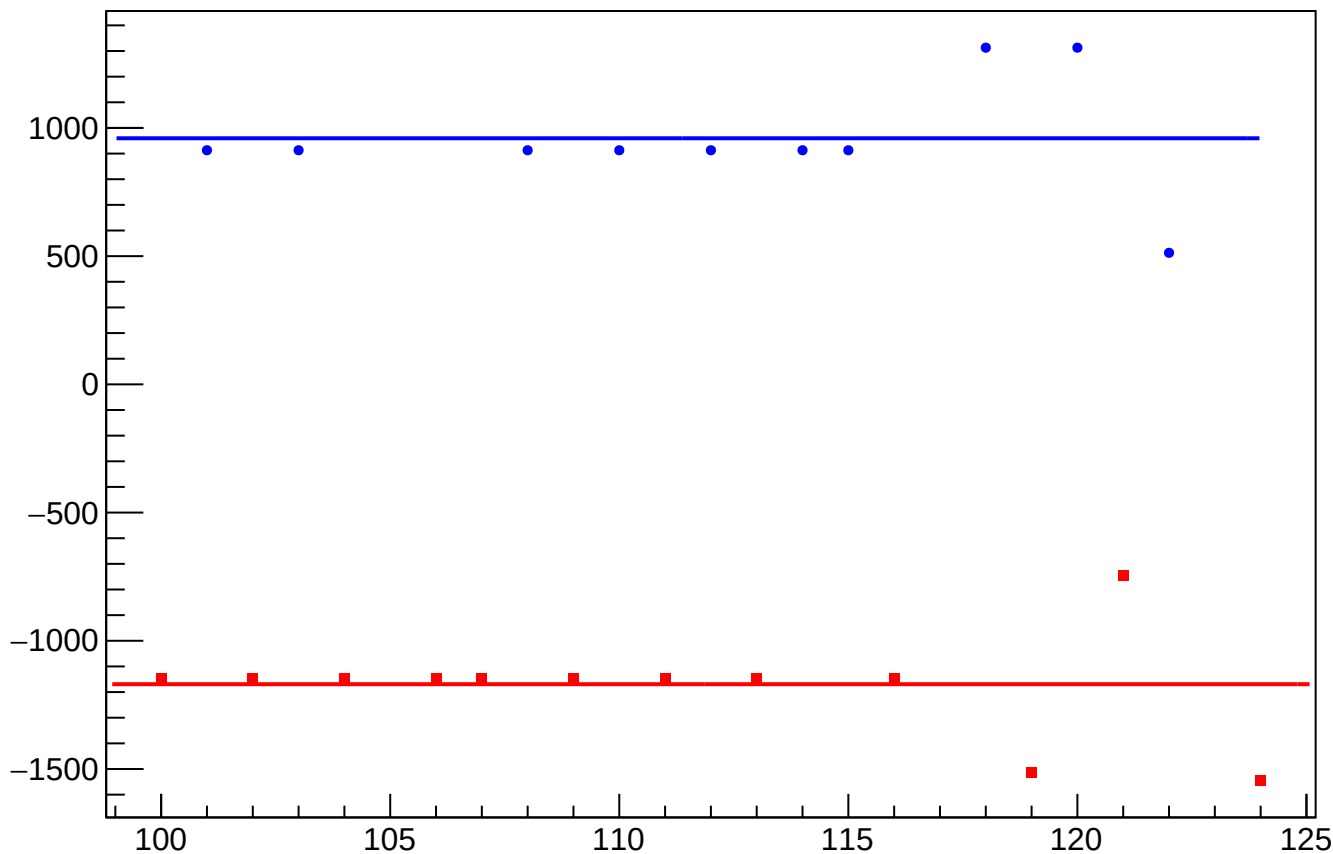
Right: -1.241+/-0.000 χ^2/NDF : 2326034457768143

In: 17.009+/-0.000 χ^2/NDF : 35656.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

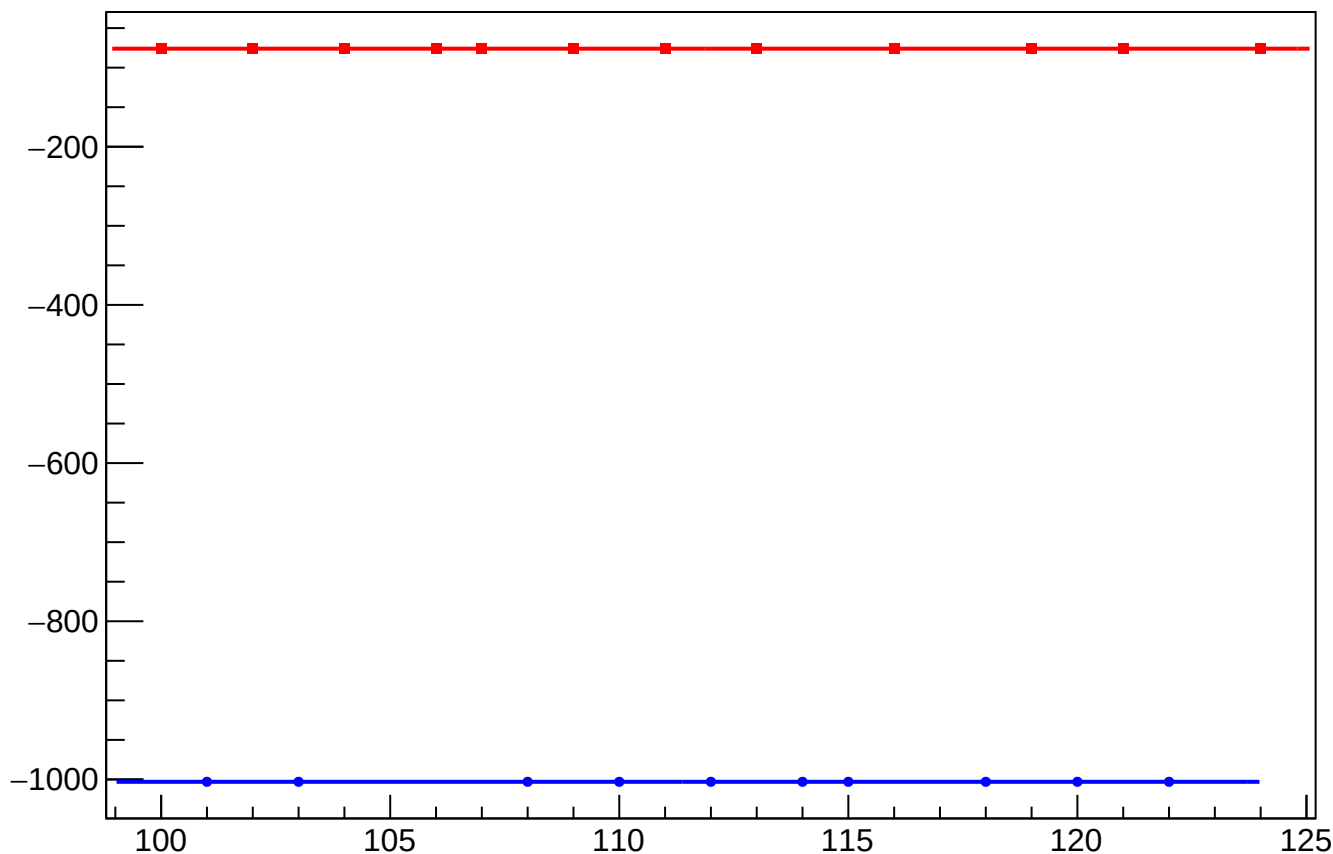
All: -1.241+/-0.000 χ^2/NDF : 2326034457768

RTPAPOSUCNT_mean vs Slug, Sign Corrected



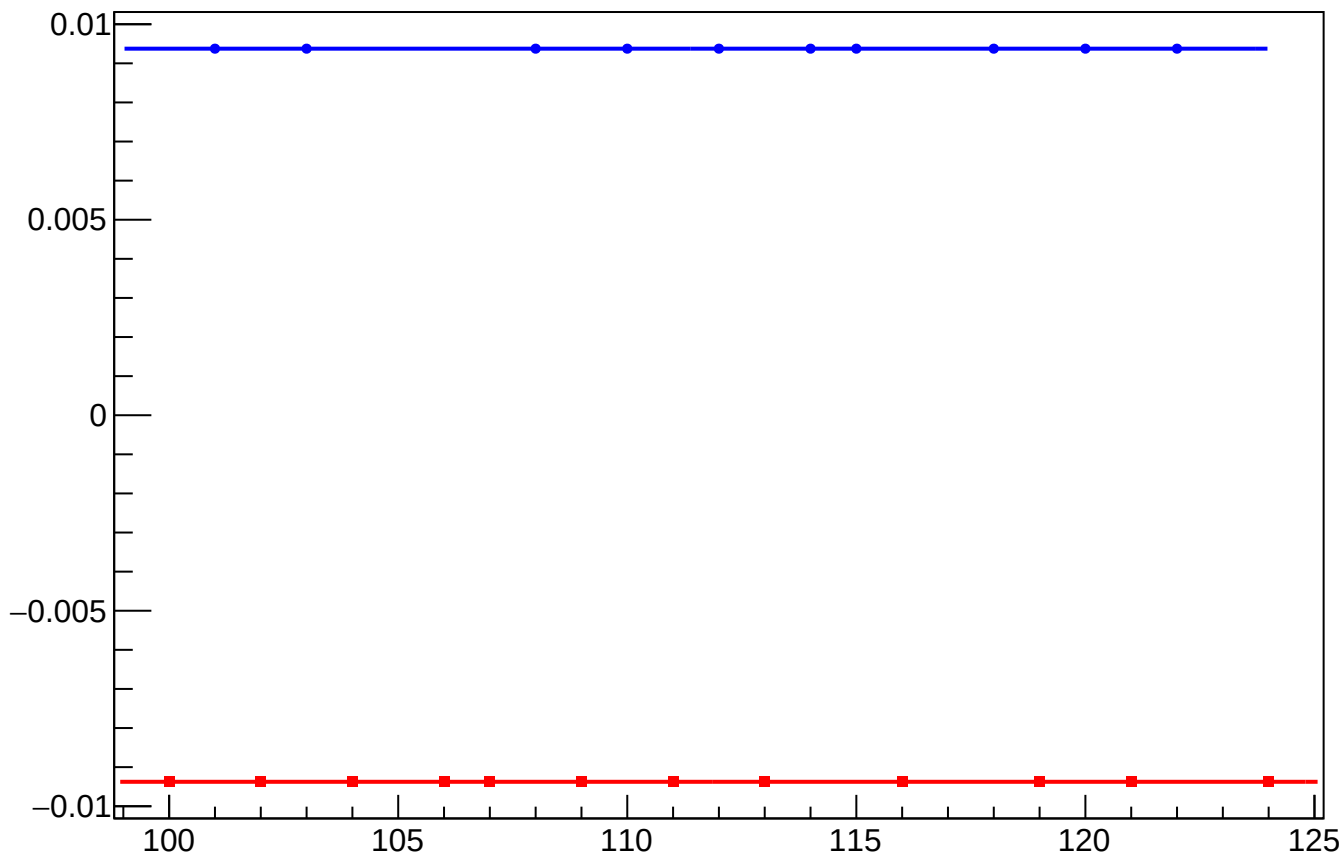
Right In: 959.664+/-0.000 χ^2/NDF : 20686620207801755634634601142746611712.0/9
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -176.883+/-0.000 χ^2/NDF : 10541891413392
 In: 959.664+/-0.000 χ^2/NDF : 20686620207801755634634601142746611712.0/9
 Right Out: -1169.293+/-0.000 χ^2/NDF : 17245592514003614048621837957799608320.0/11
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -176.883+/-0.000 χ^2/NDF : 10541891413

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
Right In: -1002.990 ± 0.000 $\chi^2/\text{NDF}: 1395232253753830252576768.0/9$
Right: -508.120 ± 0.000 $\chi^2/\text{NDF}: 19266817212680.0/11$
Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
In: -1002.990 ± 0.000 $\chi^2/\text{NDF}: 1395232253753830252576768.0/11$
Right Out: -76.010 ± 0.000 $\chi^2/\text{NDF}: 1324391192005117740266291200.0/11$
Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
All: -508.120 ± 0.000 $\chi^2/\text{NDF}: 19266817212680.0/11$

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

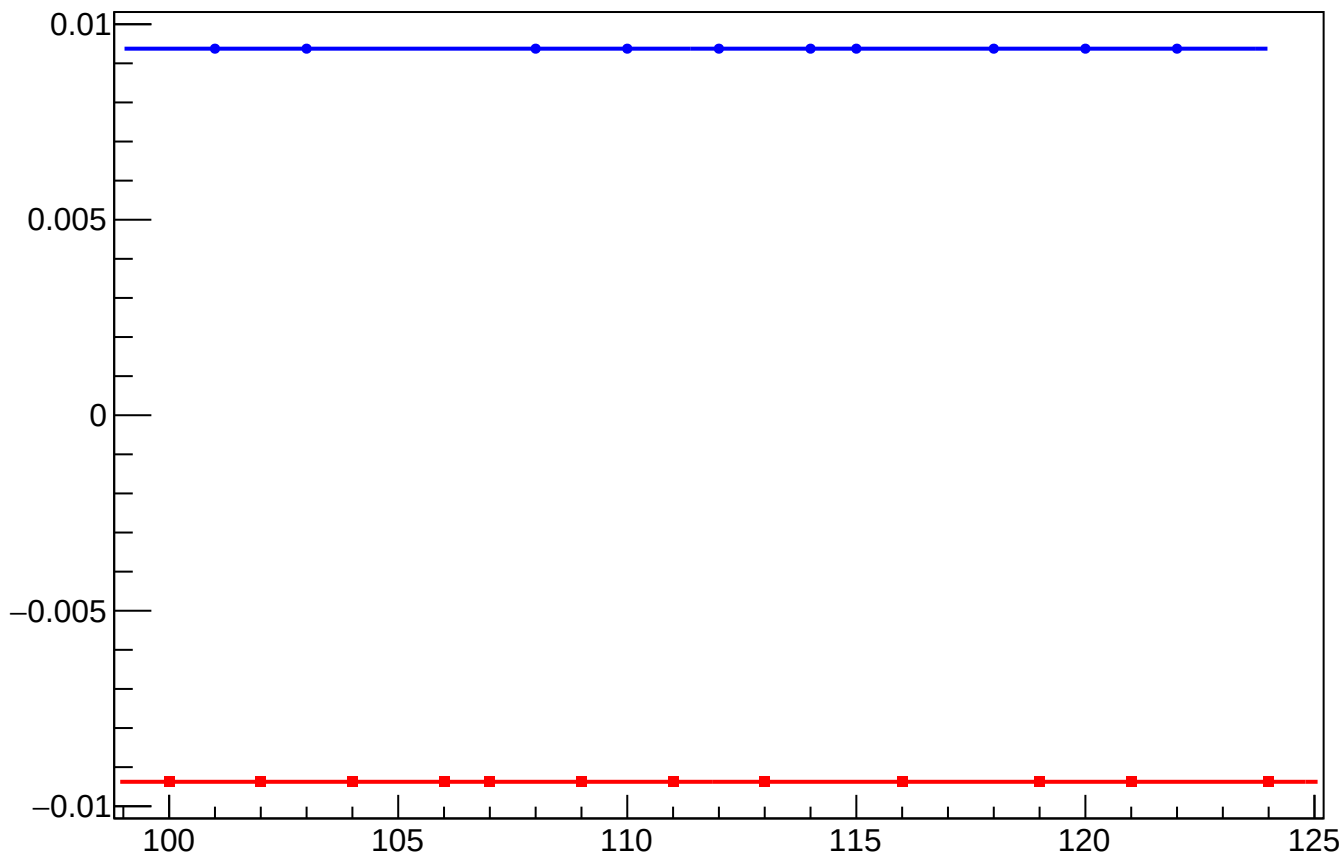
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 7882647752497220

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 7882647752497

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/11

Left In: 0.000 $\pm$ 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: 7882647752497220

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 7882647752497