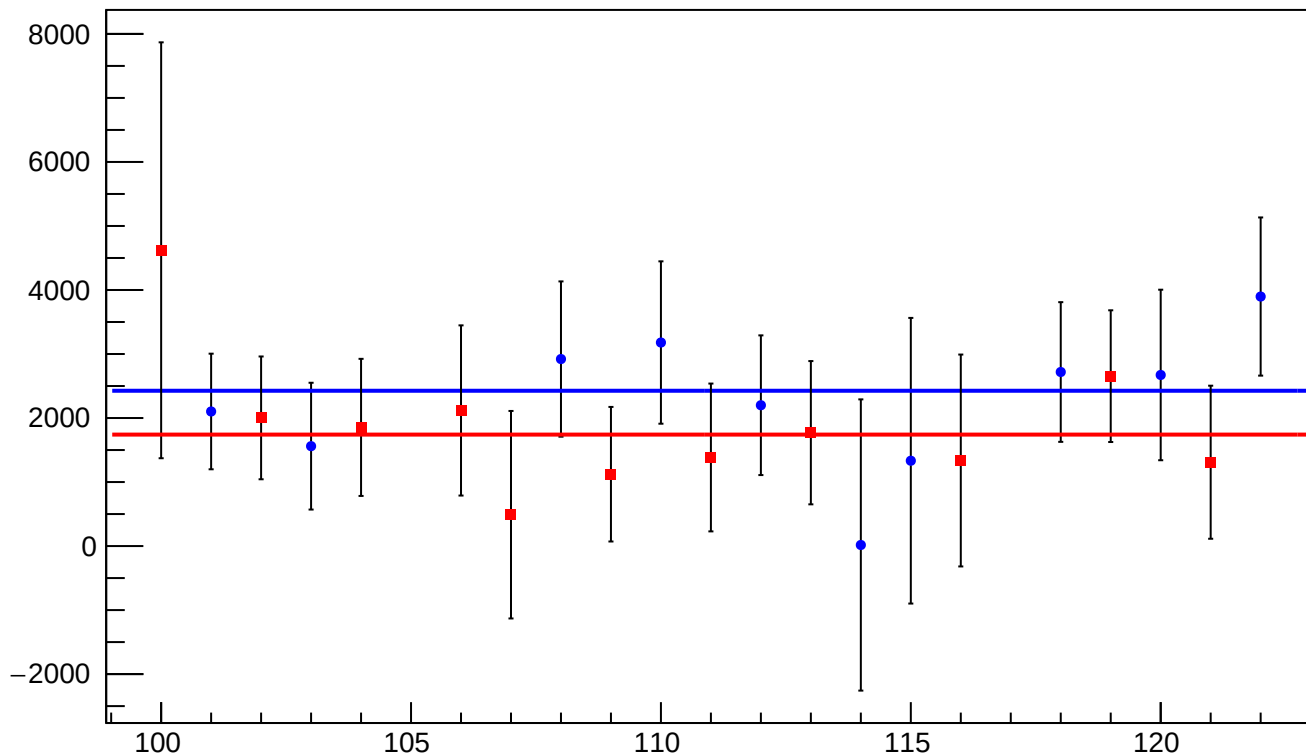


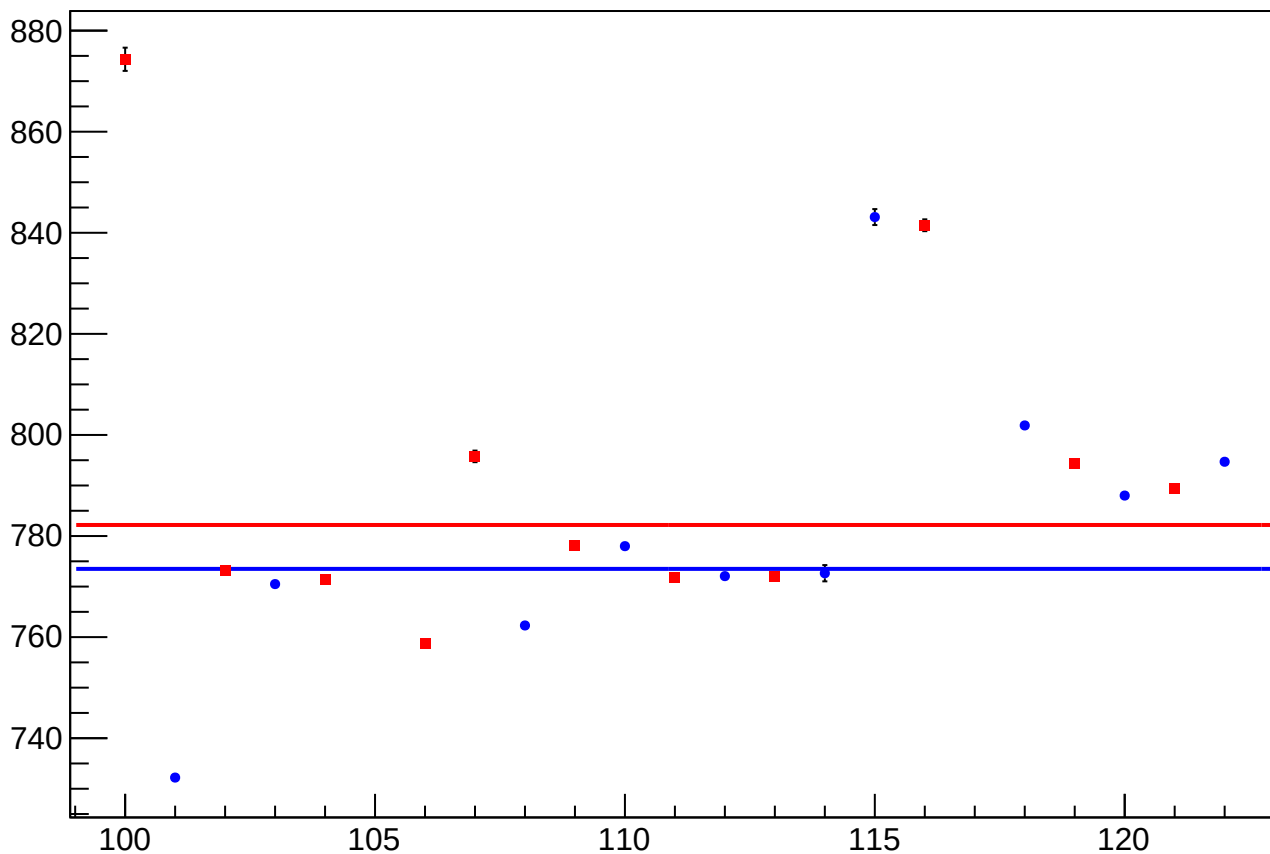
reg_asym_us_avg_mean vs Slug, Sign Corrected



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

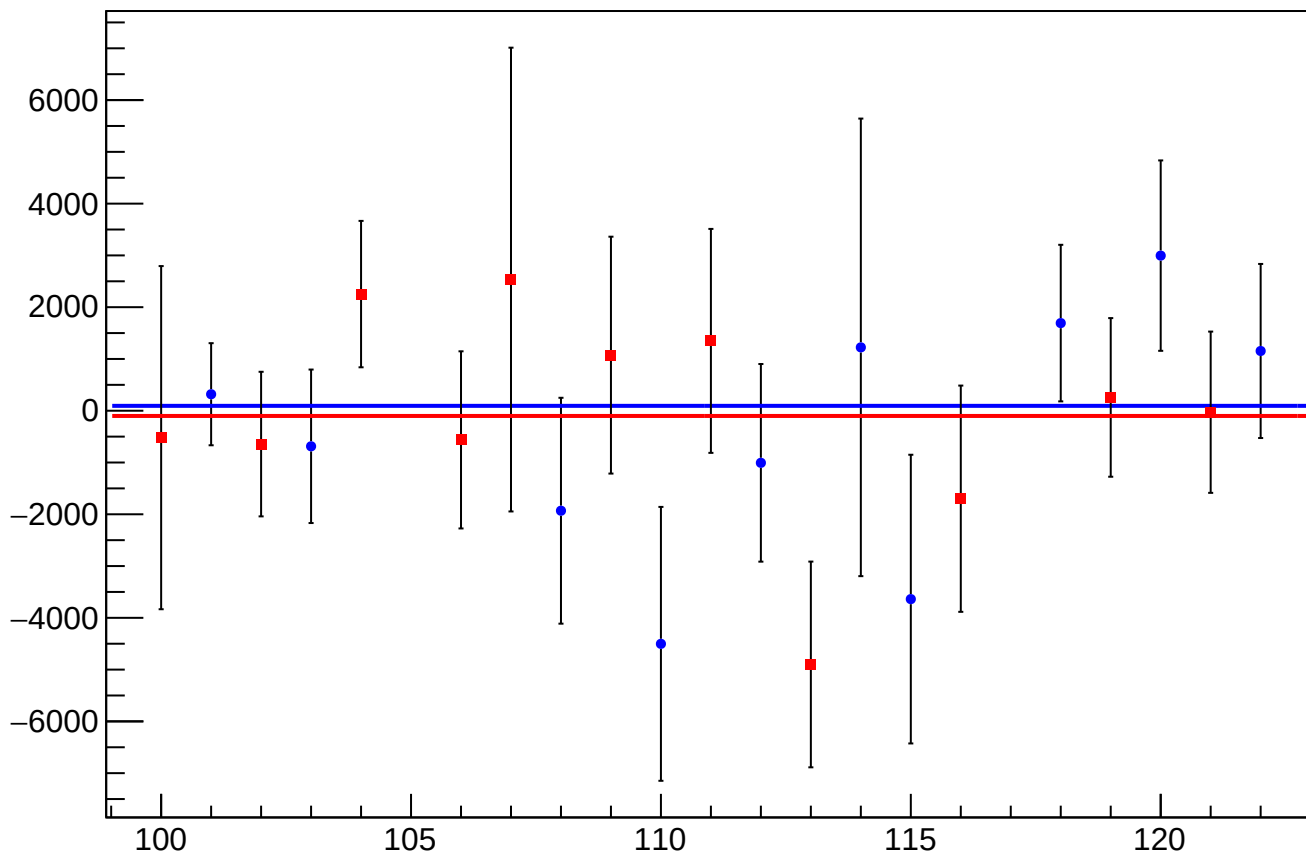
Right: 778.034+/-0.187 χ^2/NDF : 15085.0/20

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

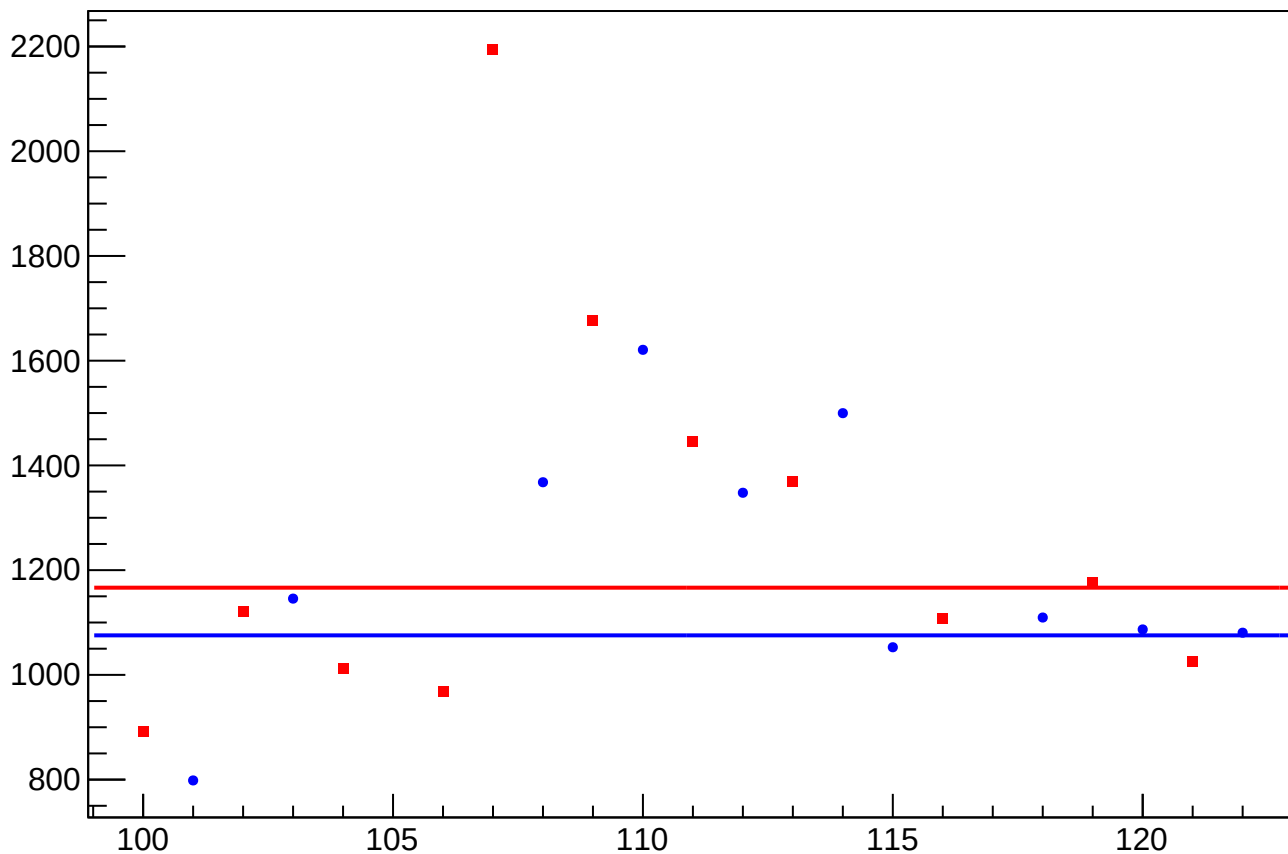
Right: -0.585+/-389.838 χ^2/NDF : 21.0/20

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

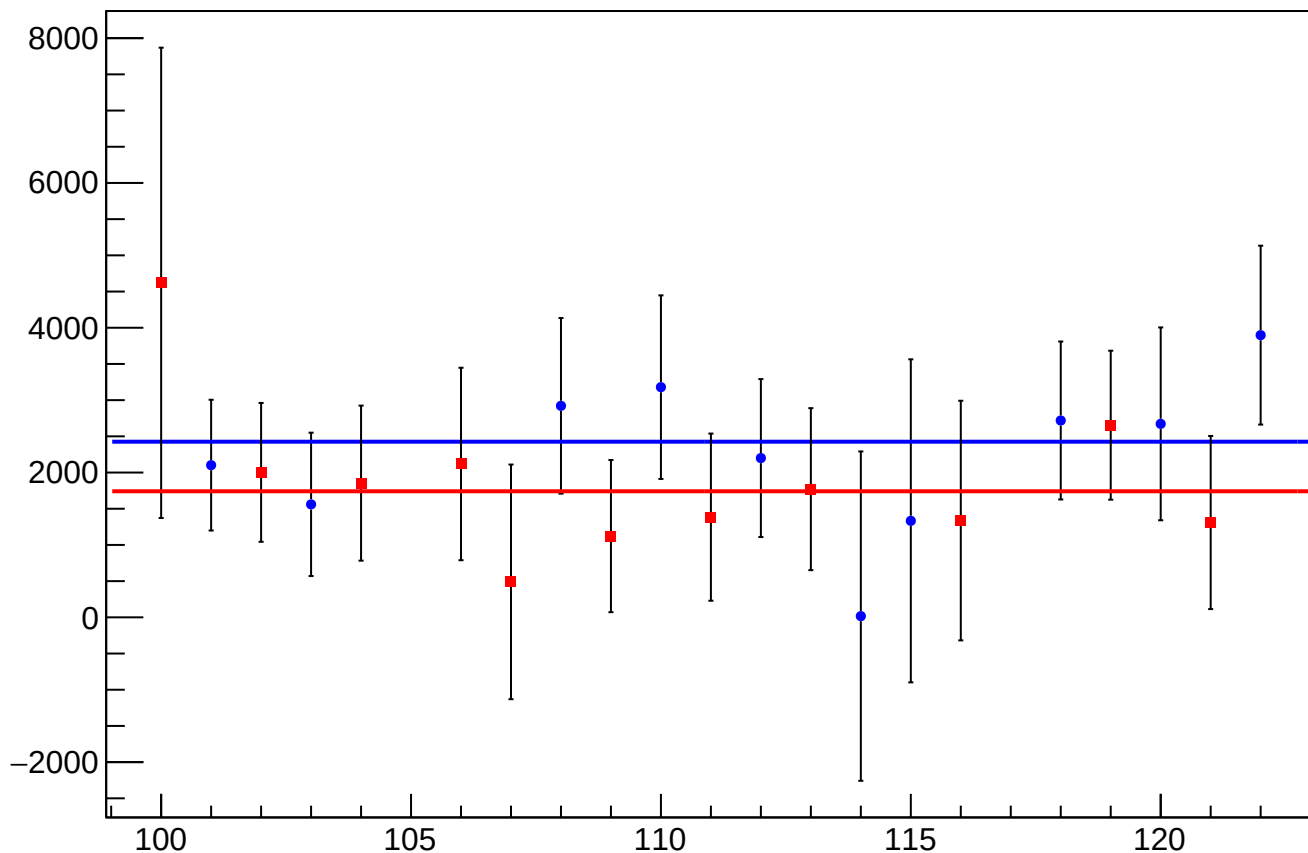
Right: 1119.767+/-0.276 χ^2/NDF : 714433.9/20

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

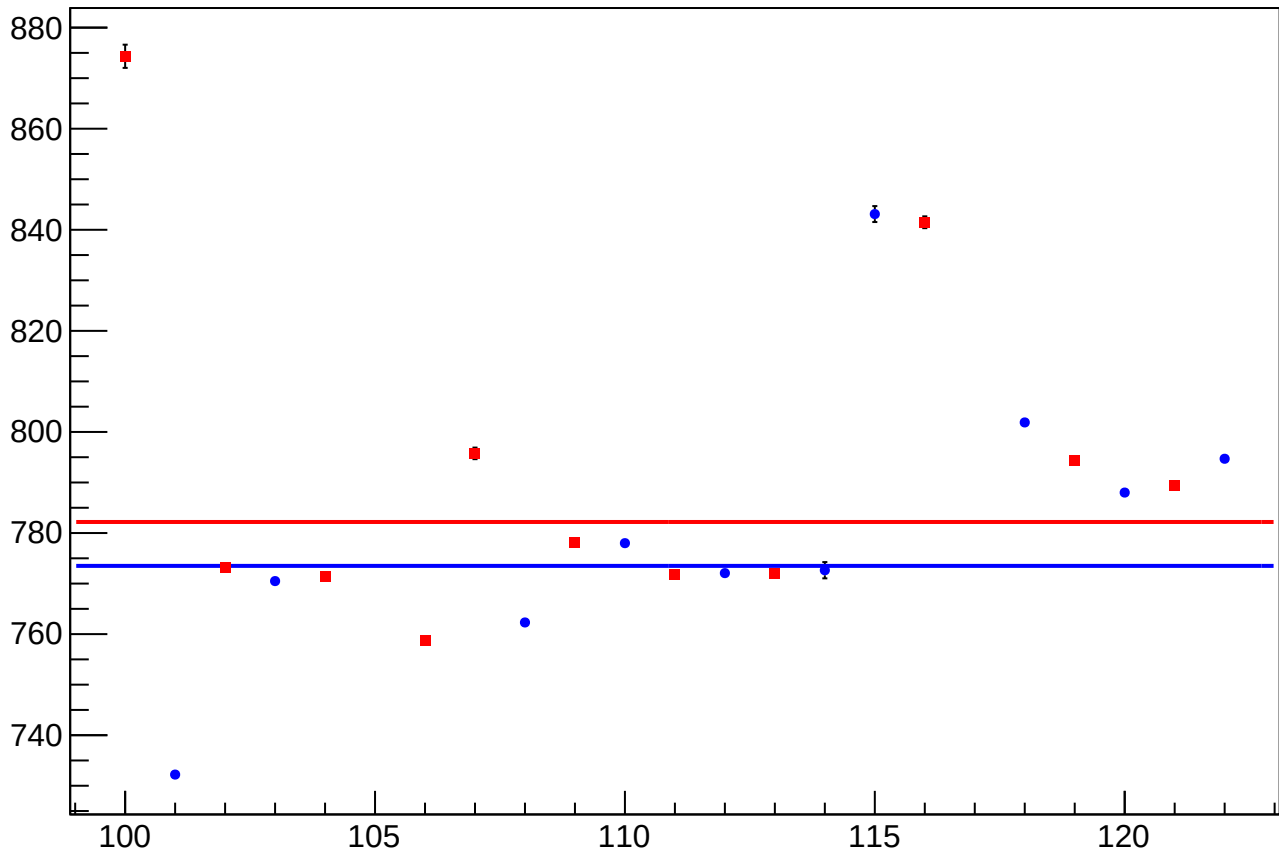
Right: 2068.611+/-264.387 χ^2/NDF : 9.0/20

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

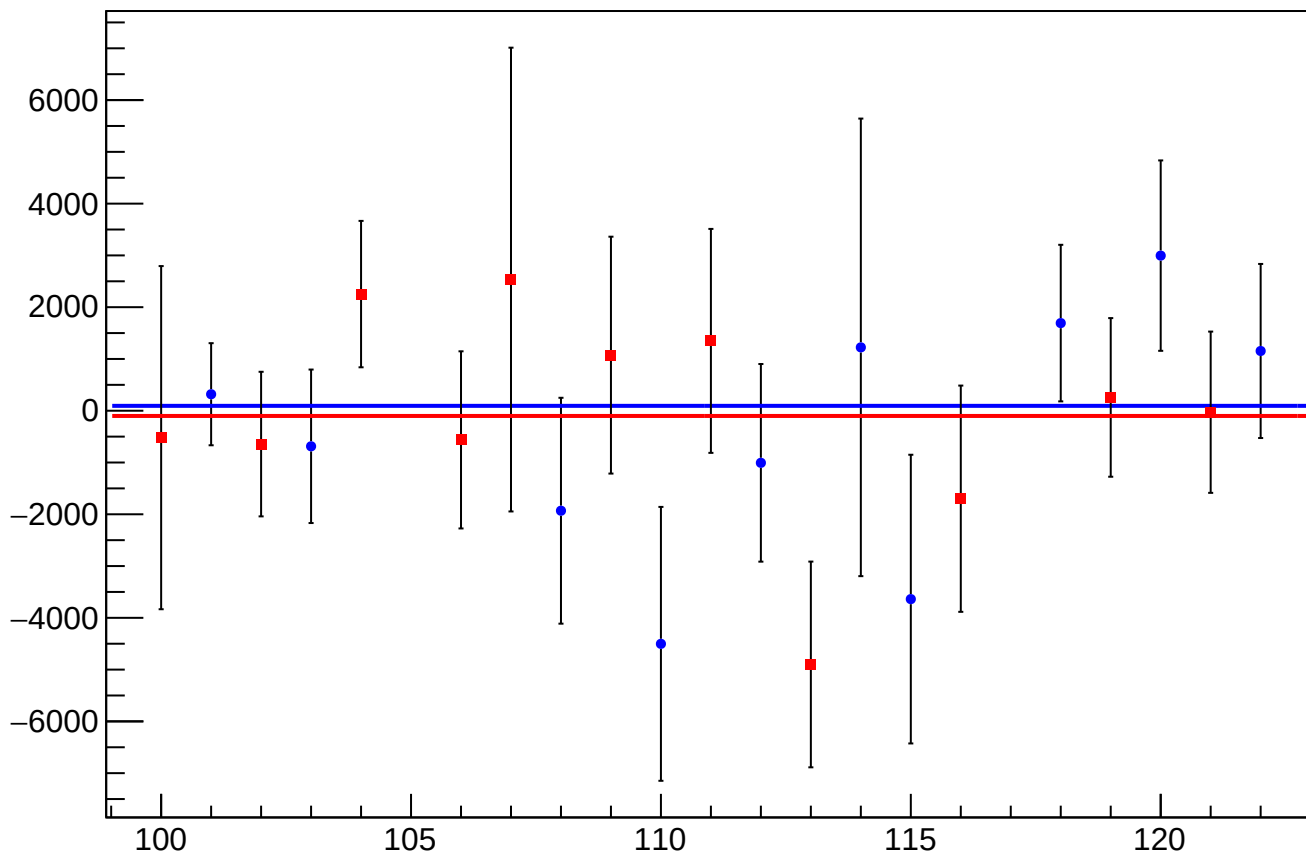
Right: 778.034+/-0.187 χ^2/NDF : 15085.0/20

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

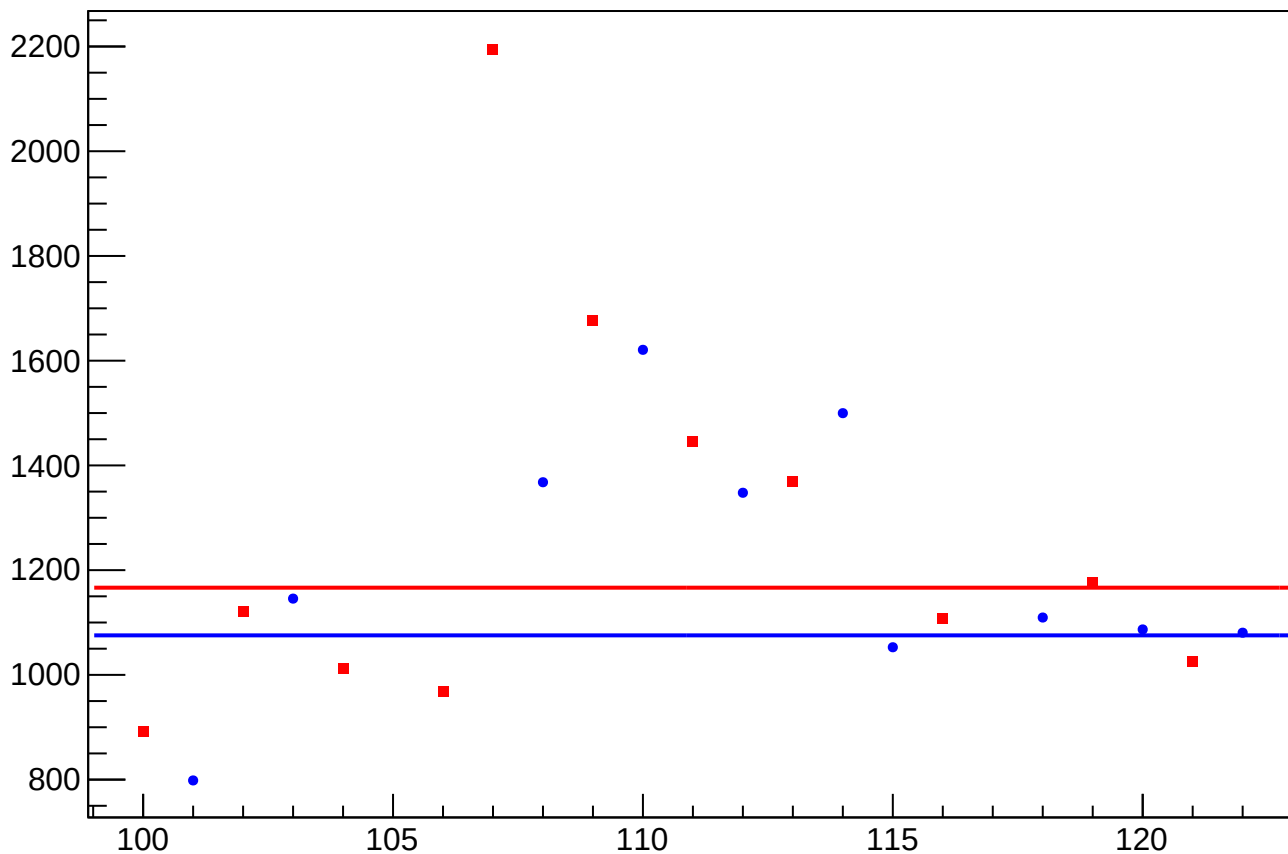
Right: -0.585+/-389.838 χ^2/NDF : 21.0/20

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

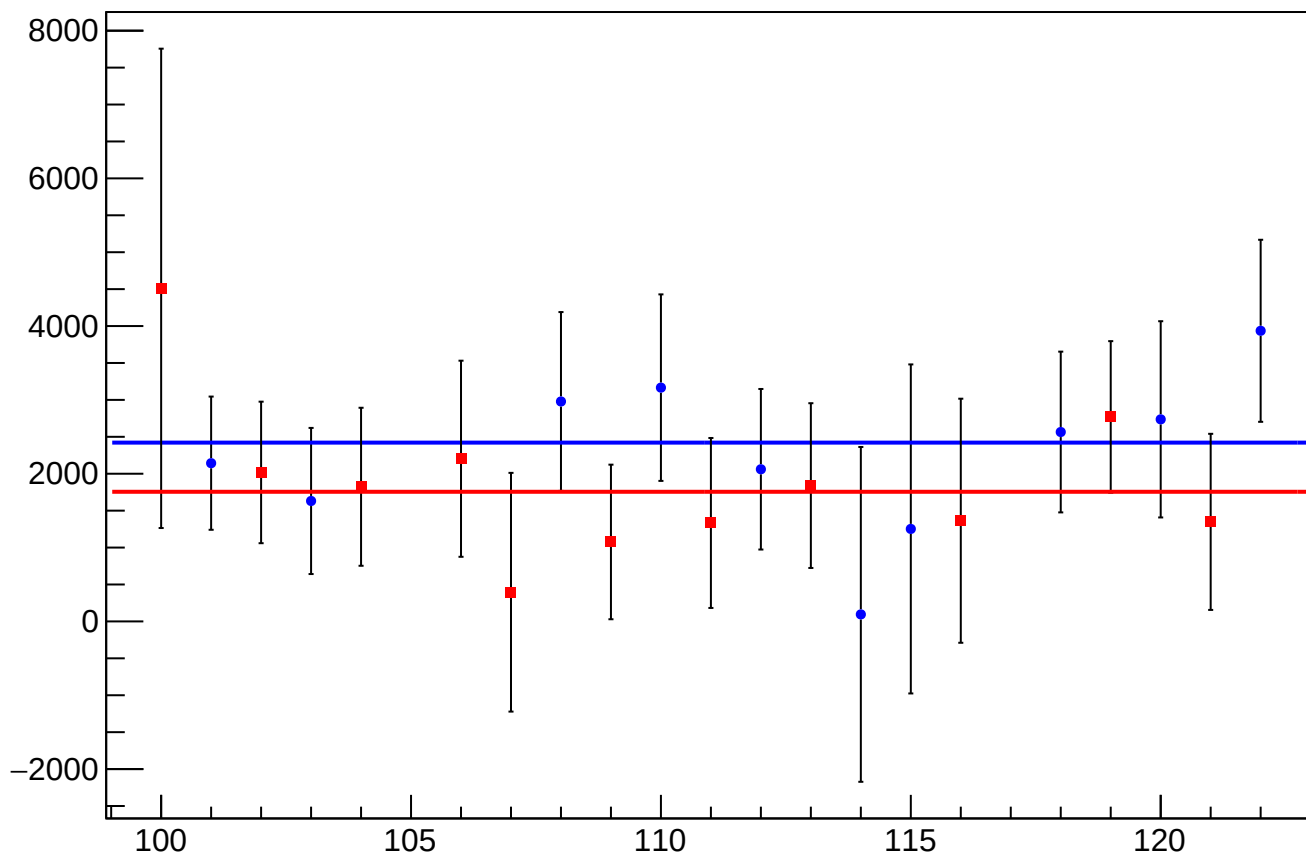
Right: 1119.767+/-0.276 χ^2/NDF : 714433.9/20

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

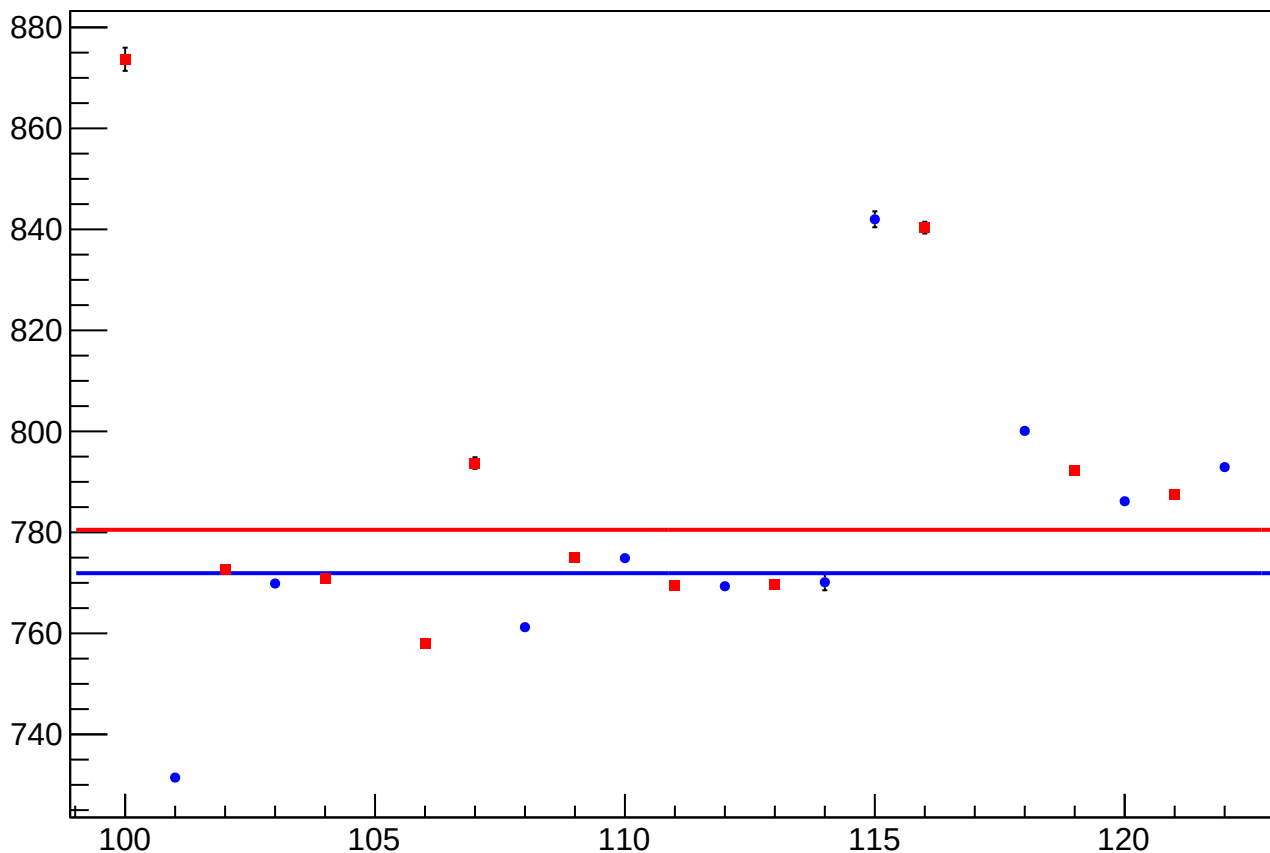
Right: 2073.925+/-263.831 χ^2/NDF : 9.2/20

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

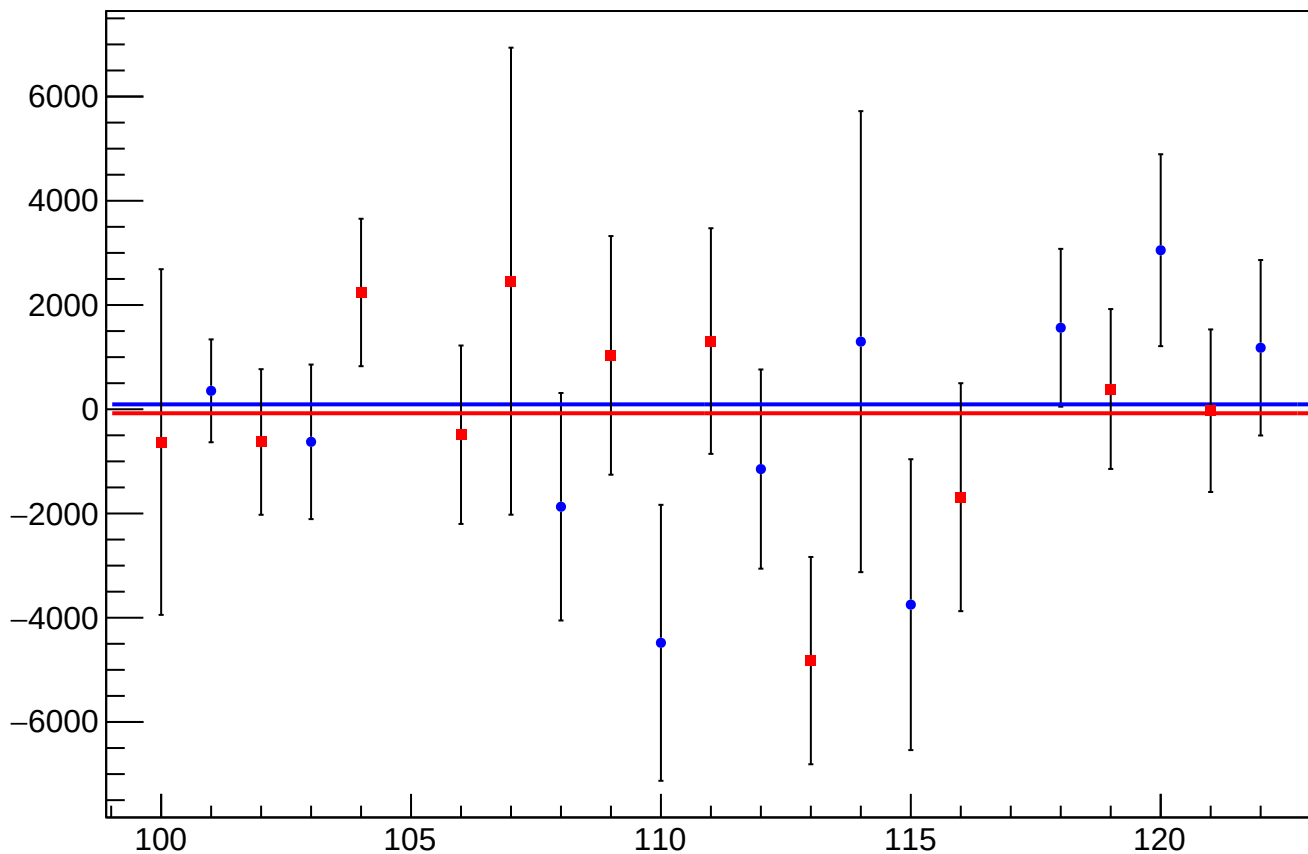
Right: 776.401+/-0.187 χ^2/NDF : 14904.2/20

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

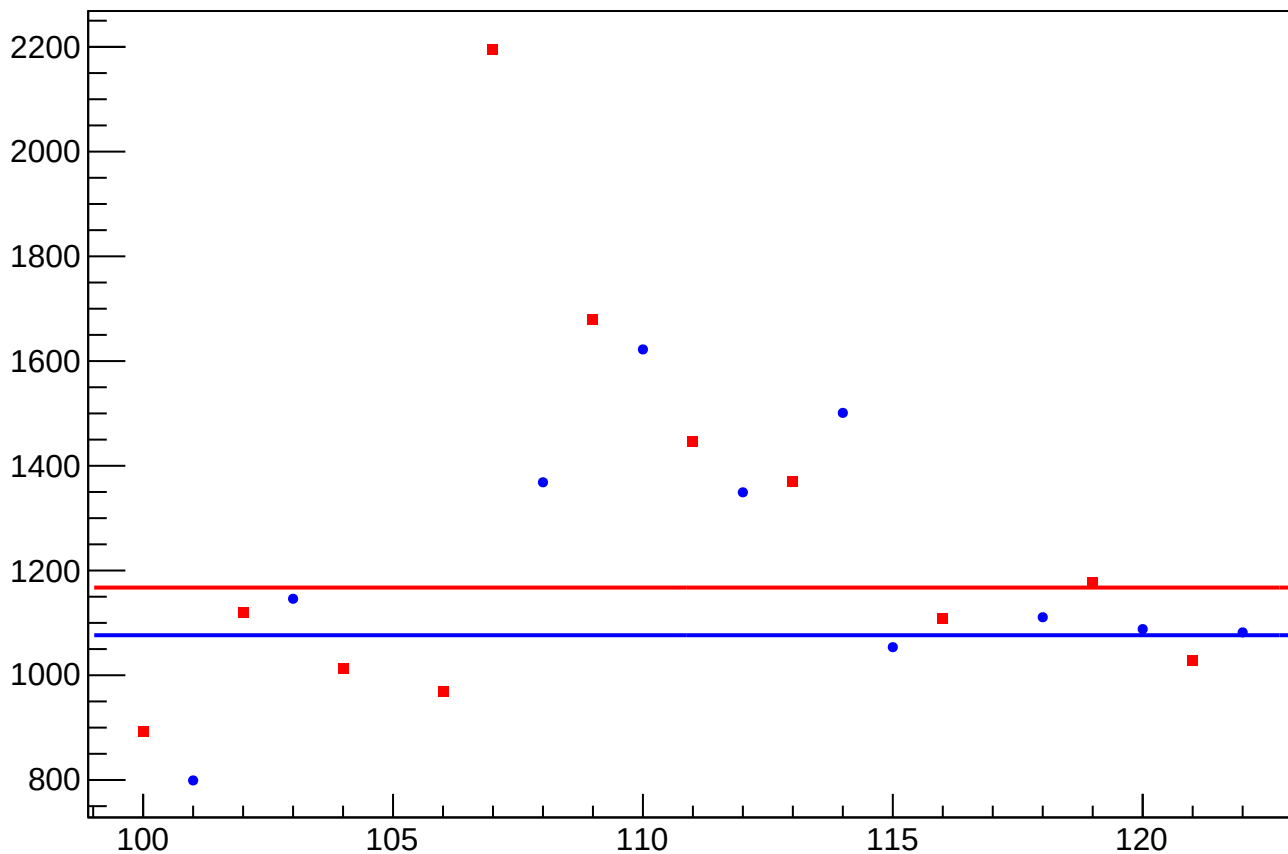
Right: 10.852+/-390.171 χ^2/NDF : 20.7/20

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

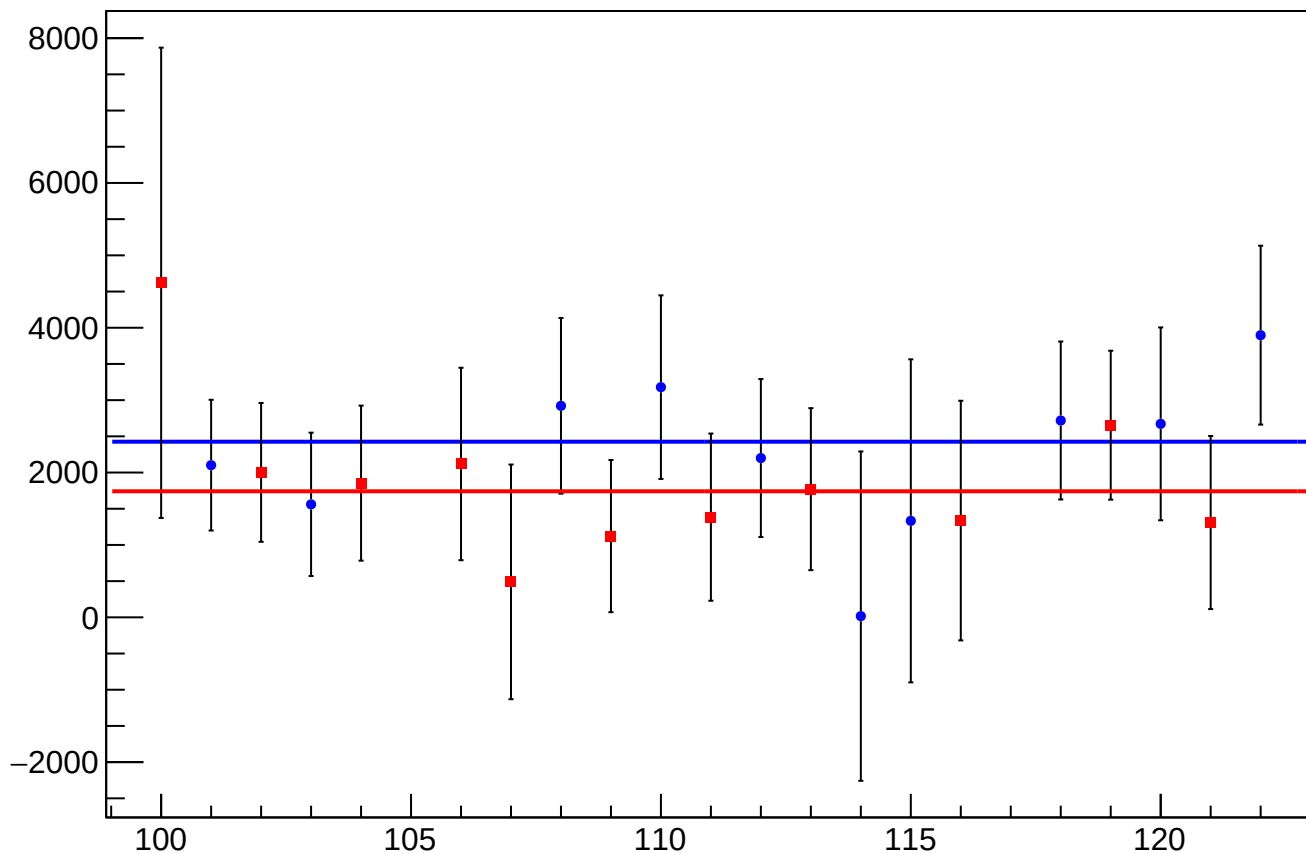
Right: 1120.735+/-0.276 χ^2/NDF : 714307.7/20

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

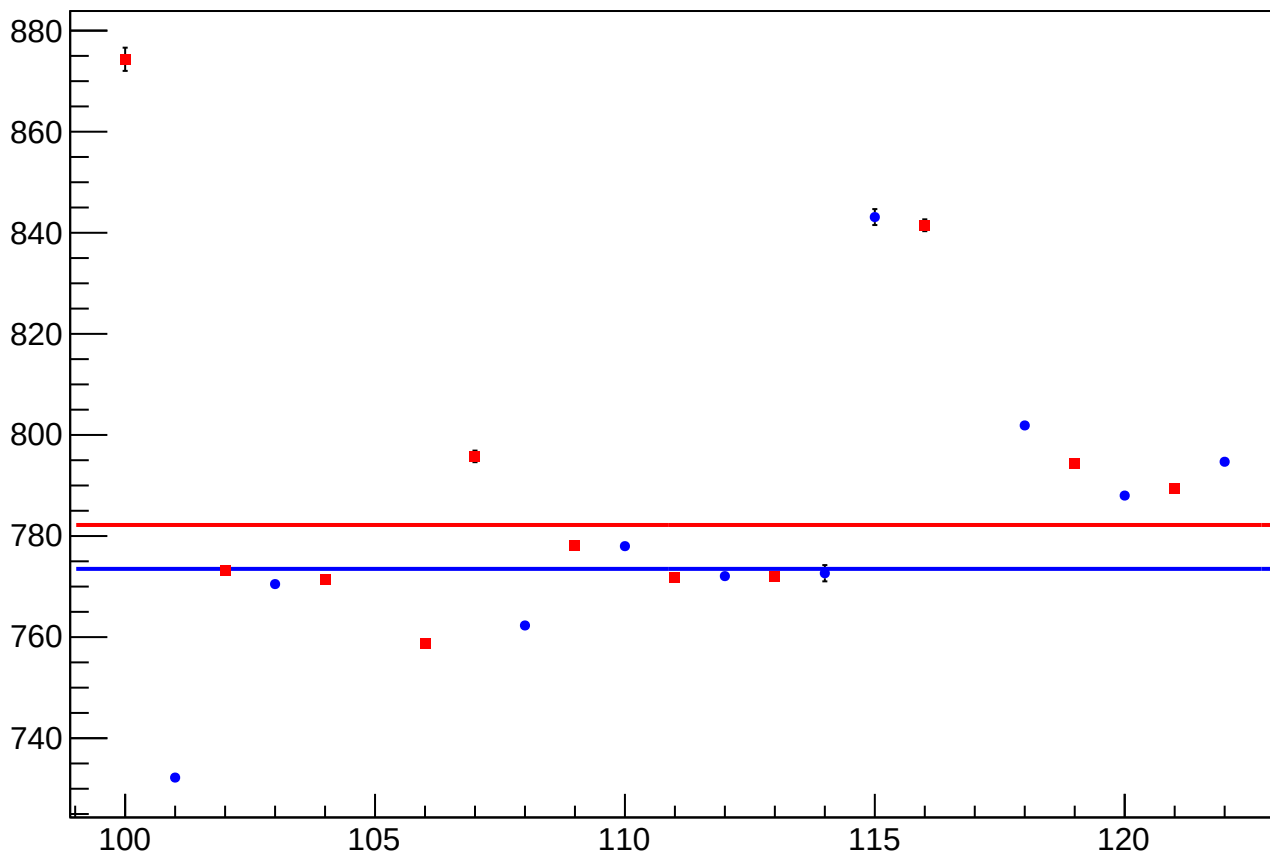
Right: 2068.611+/-264.387 χ^2/NDF : 9.0/20

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

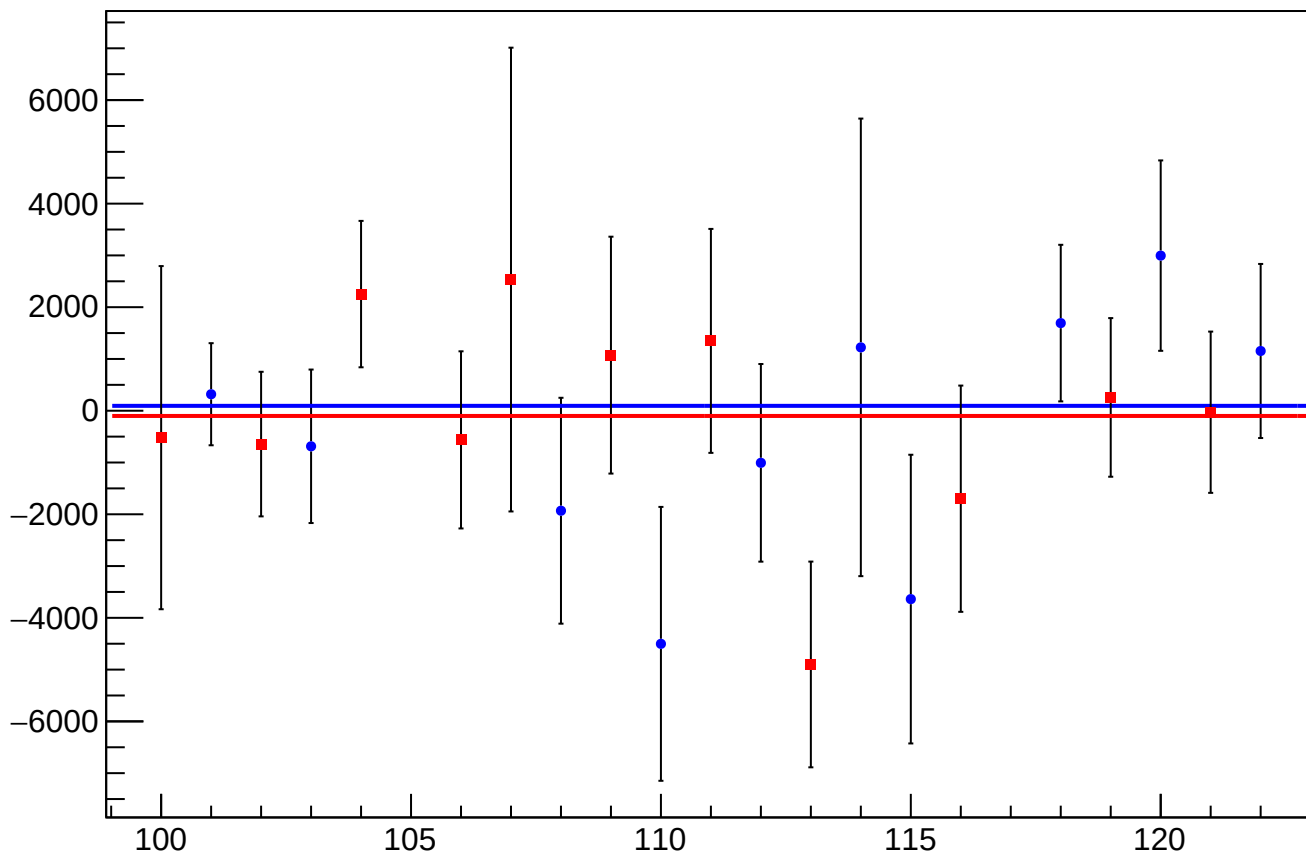
Right: 778.034+/-0.187 χ^2/NDF : 15085.0/20

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

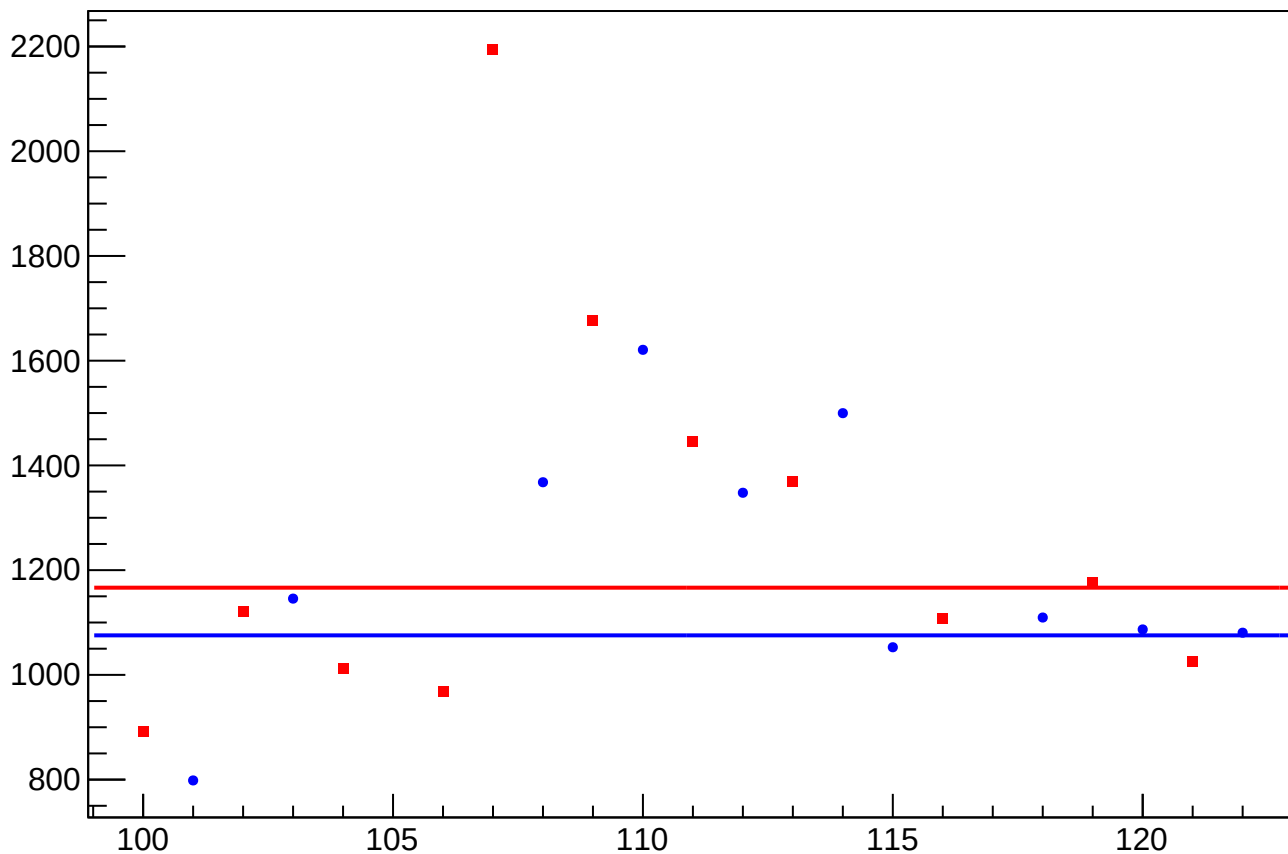
Right: -0.585+/-389.838 χ^2/NDF : 21.0/20

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

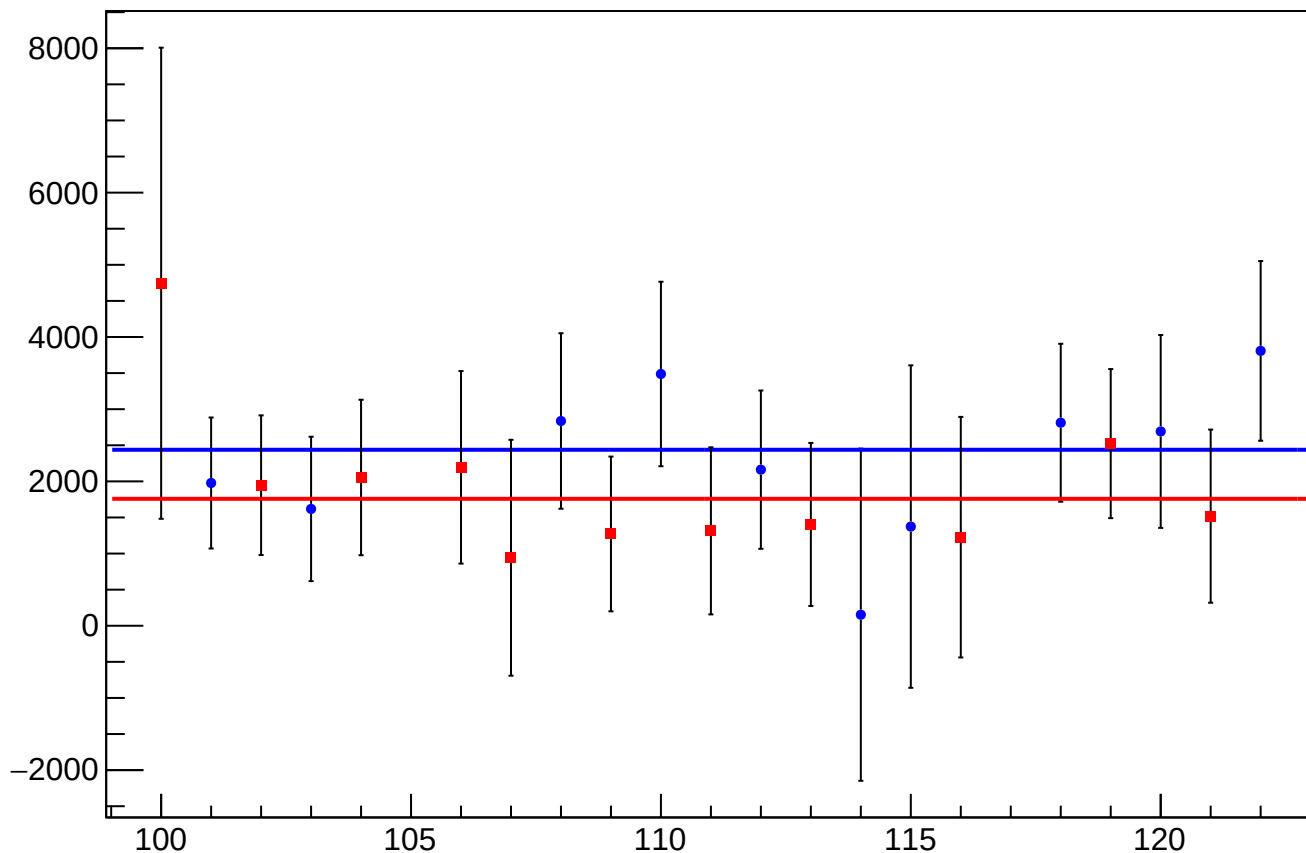
Right: 1119.767+/-0.276 χ^2/NDF : 714433.9/20

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

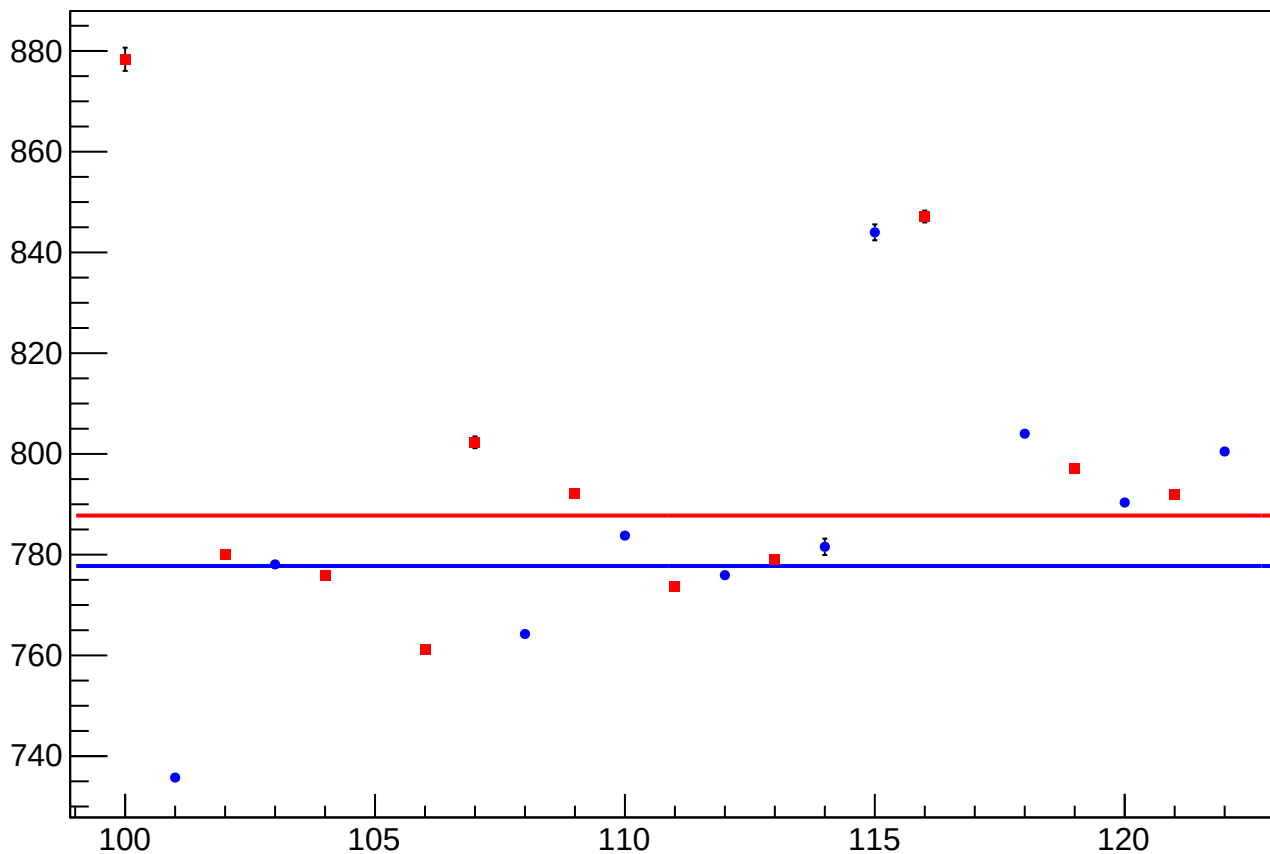
Right: 2084.077+/-266.093 χ^2/NDF : 8.4/20

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+/-0.272 χ^2/NDF : 8346.2/9

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

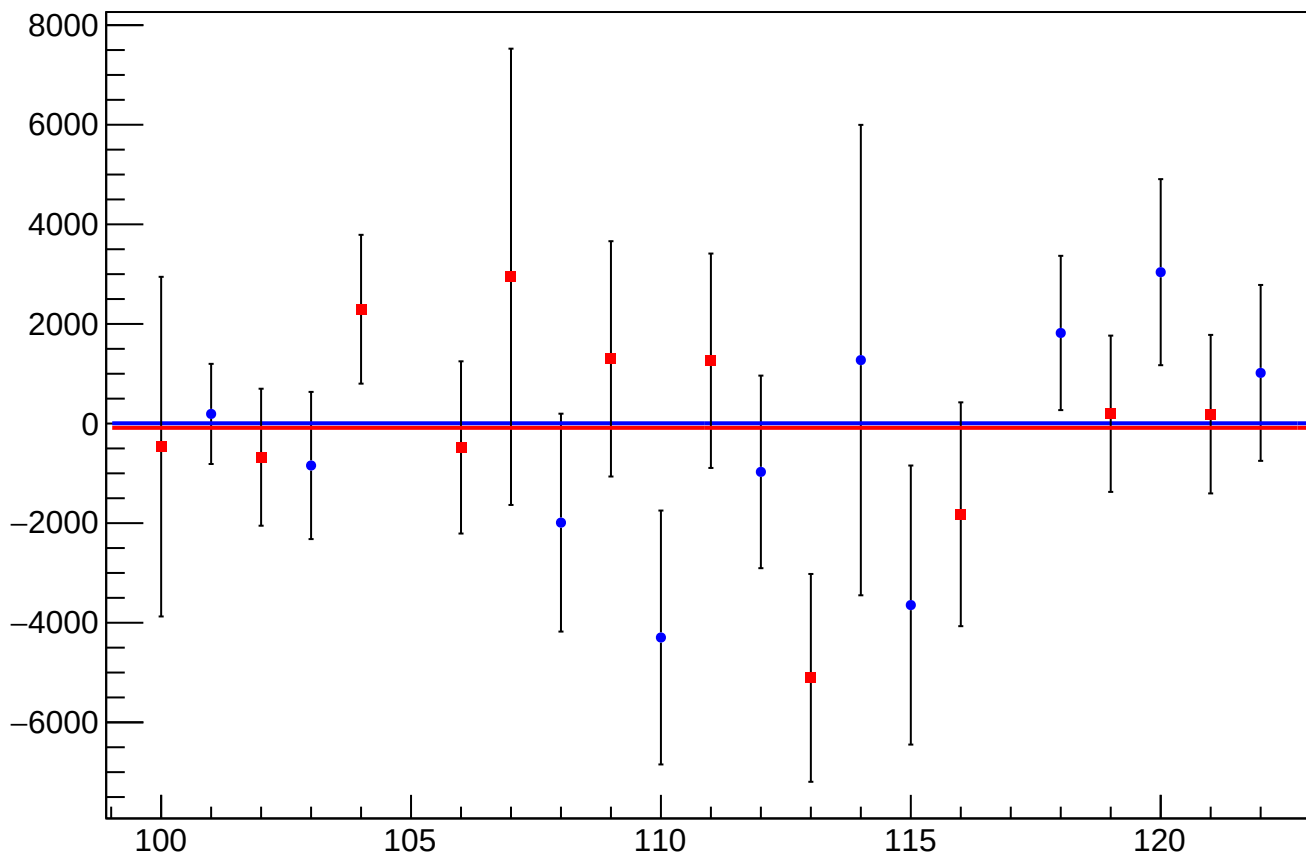
Right: 782.966+/-0.188 χ^2/NDF : 15090.8/20

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 : 15090.8/20

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

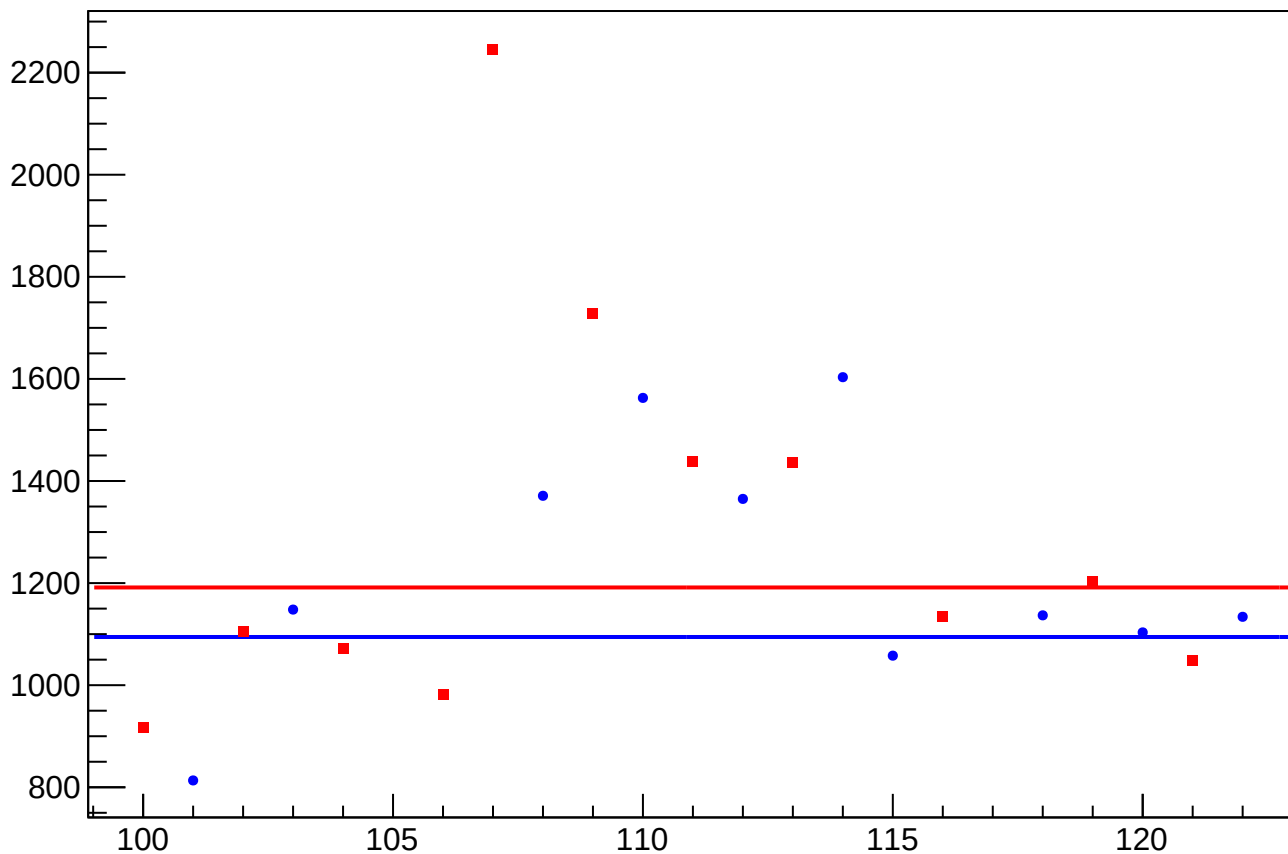
Right: -39.003+/-397.096 χ^2/NDF : 20.8/20

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

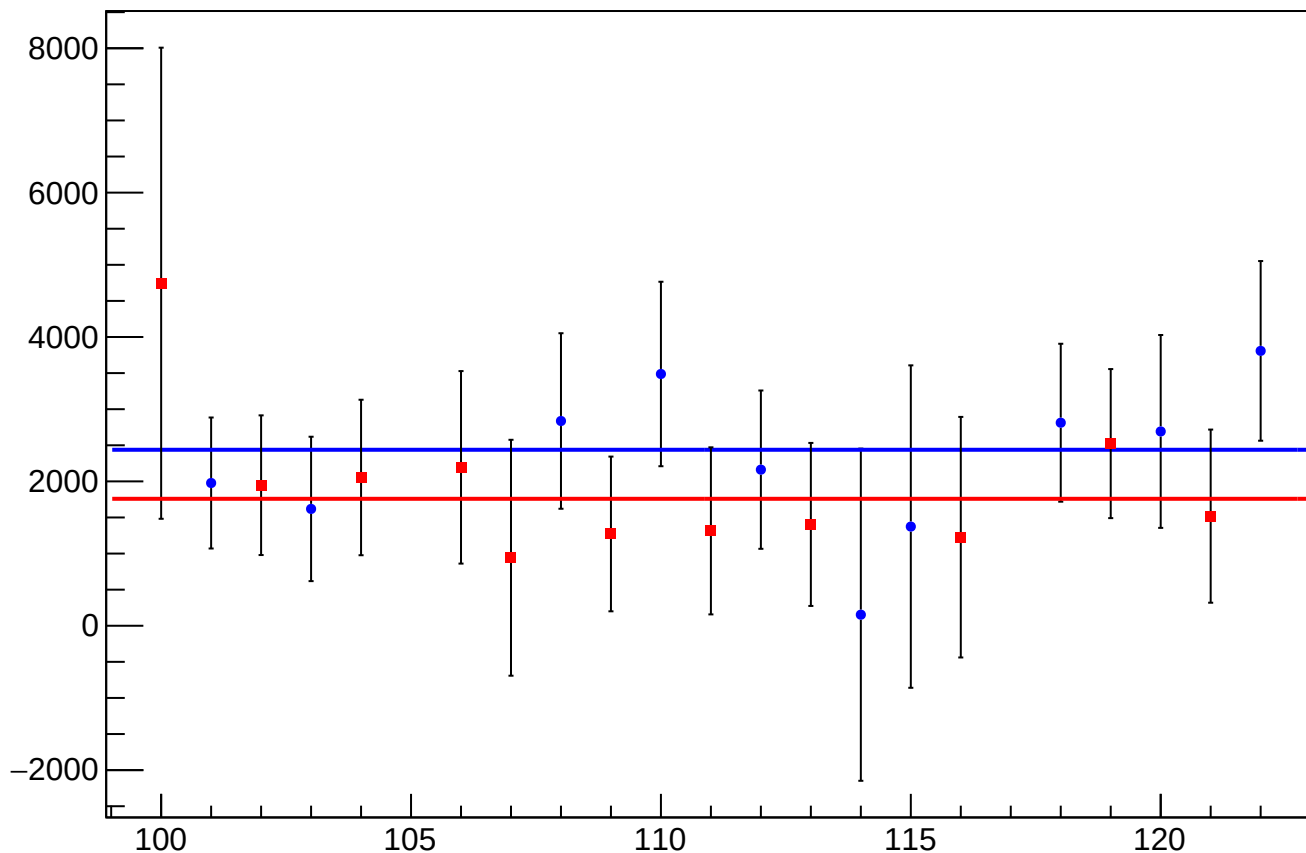
Right: 1141.350+/-0.281 χ^2/NDF : 697031.7/20

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

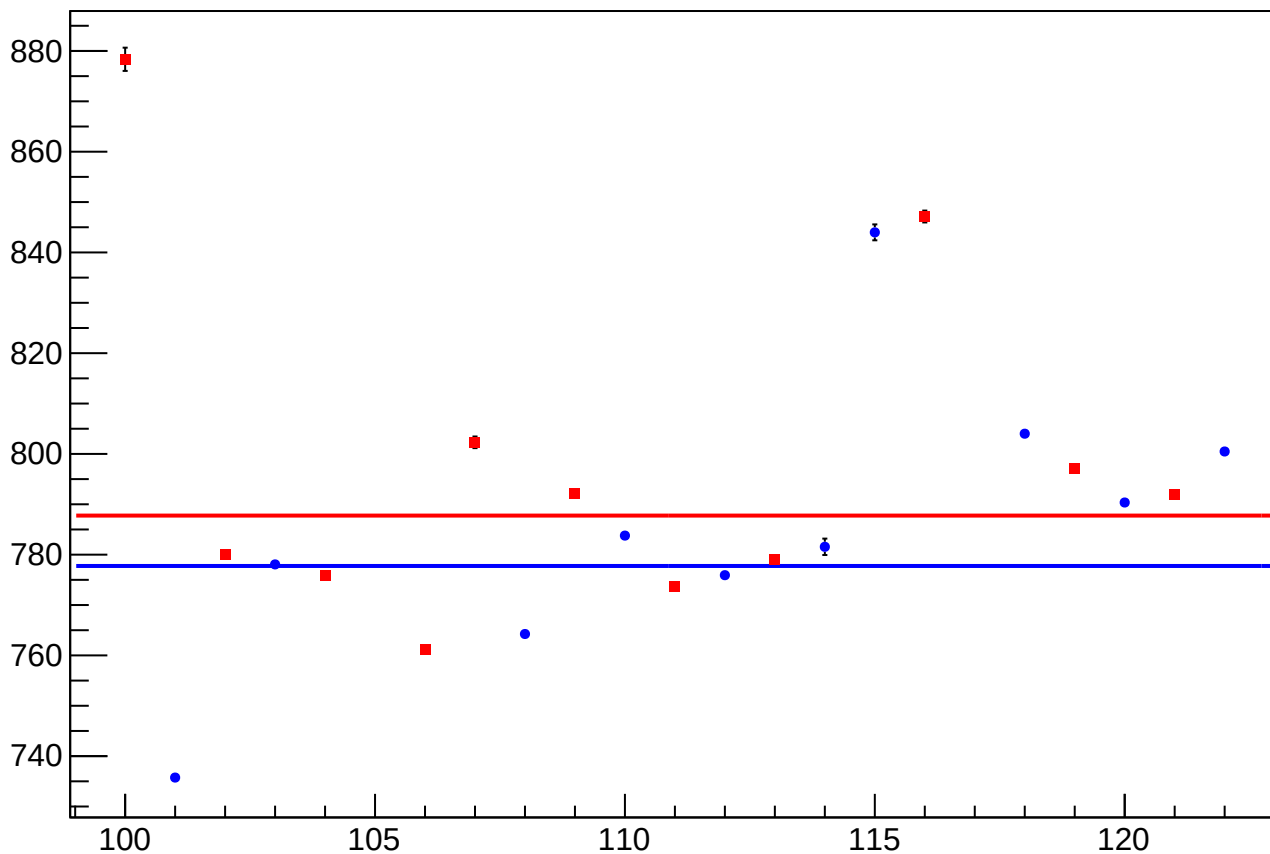
Right: 2084.077+/-266.093 χ^2/NDF : 8.4/20

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

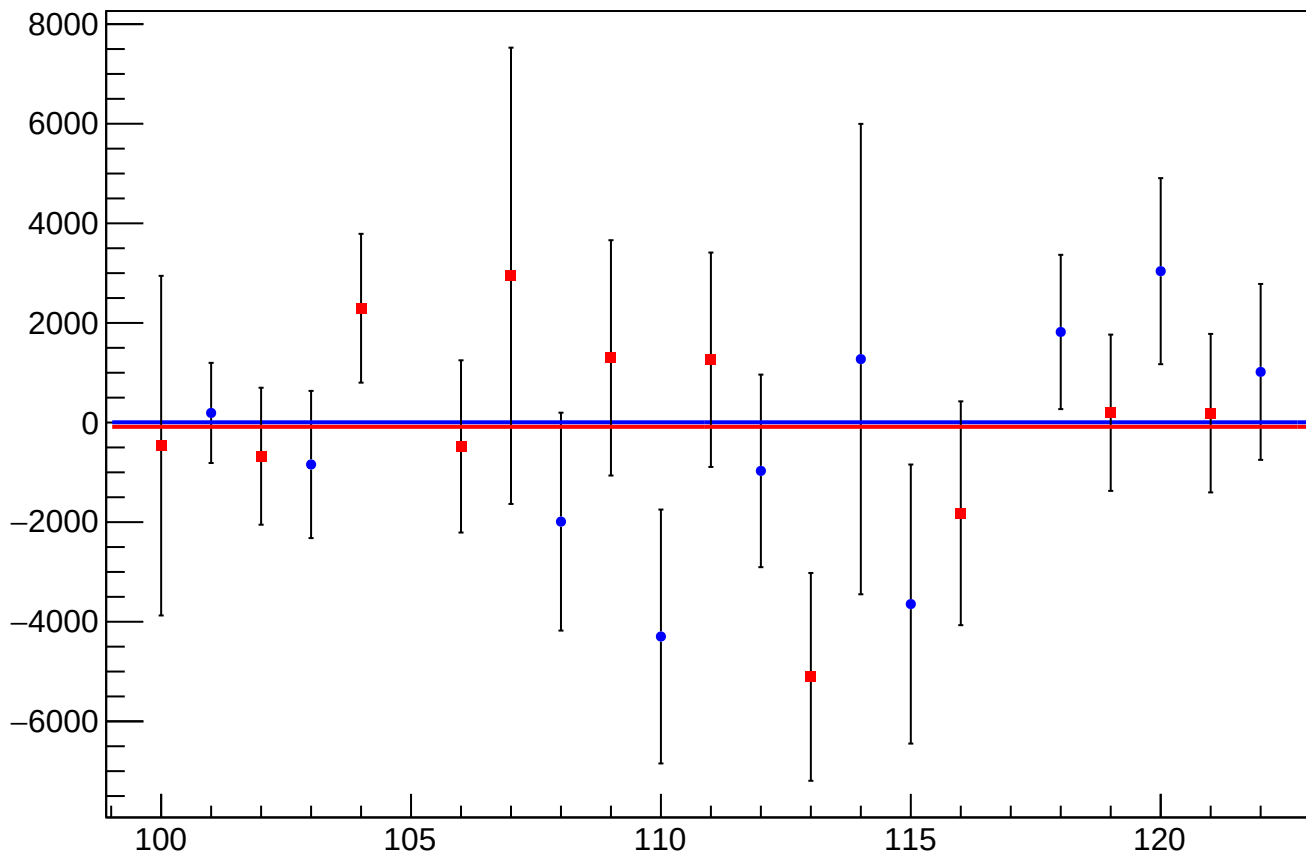
Right: 782.966+/-0.188 χ^2/NDF : 15090.7/20

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

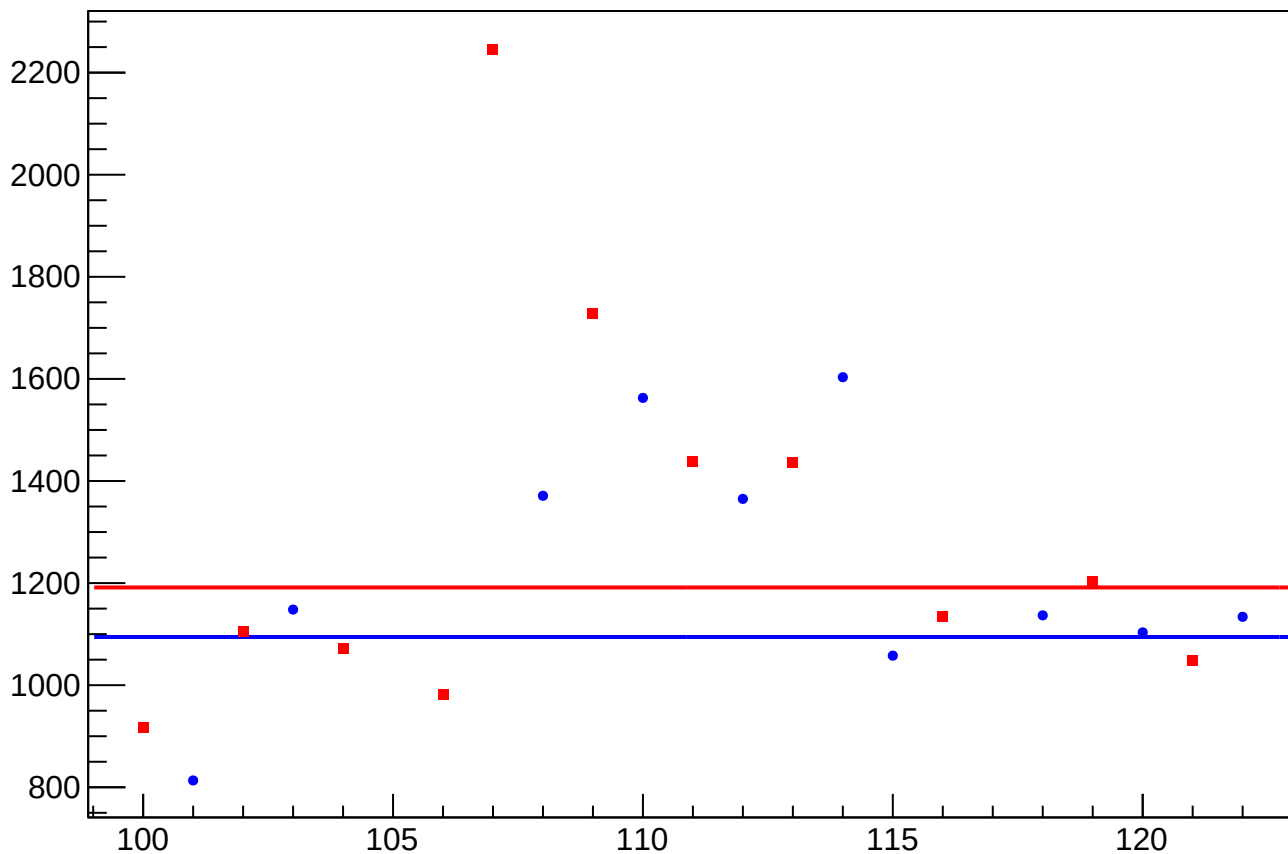
Right: -39.002+/-397.094 χ^2/NDF : 20.8/20

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

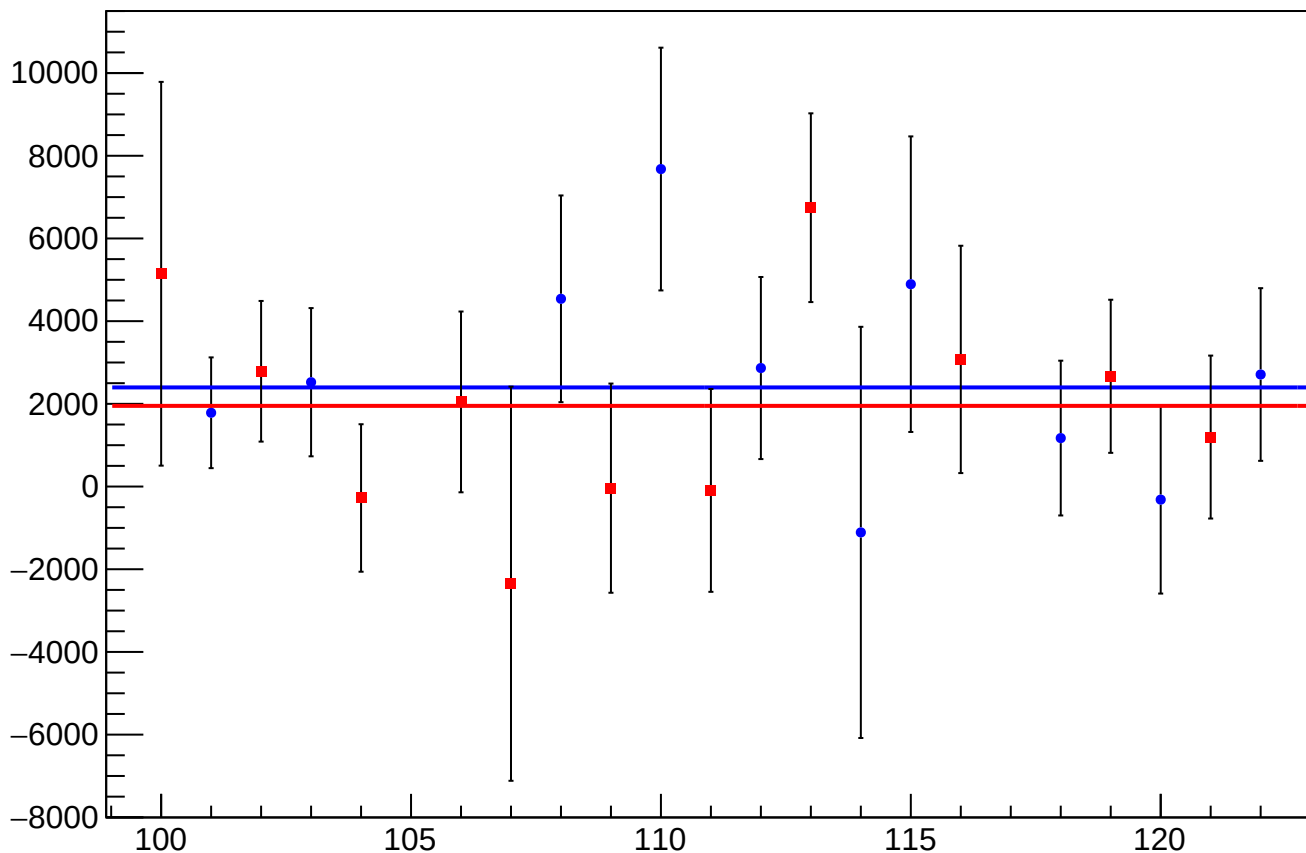
Right: 1141.347+/-0.281 χ^2/NDF : 697027.8/20

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

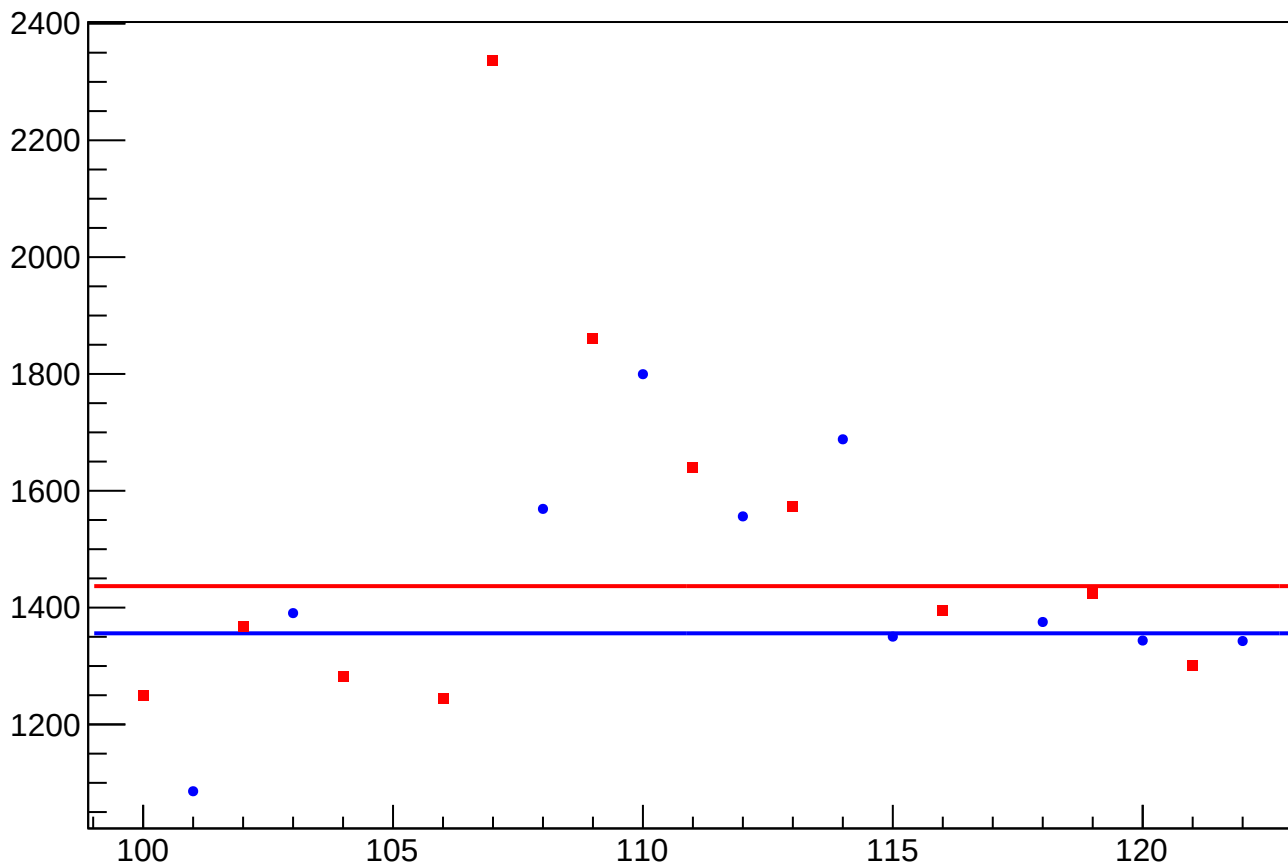
Right: 2175.335+/-480.345 χ^2/NDF : 16.6/20

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

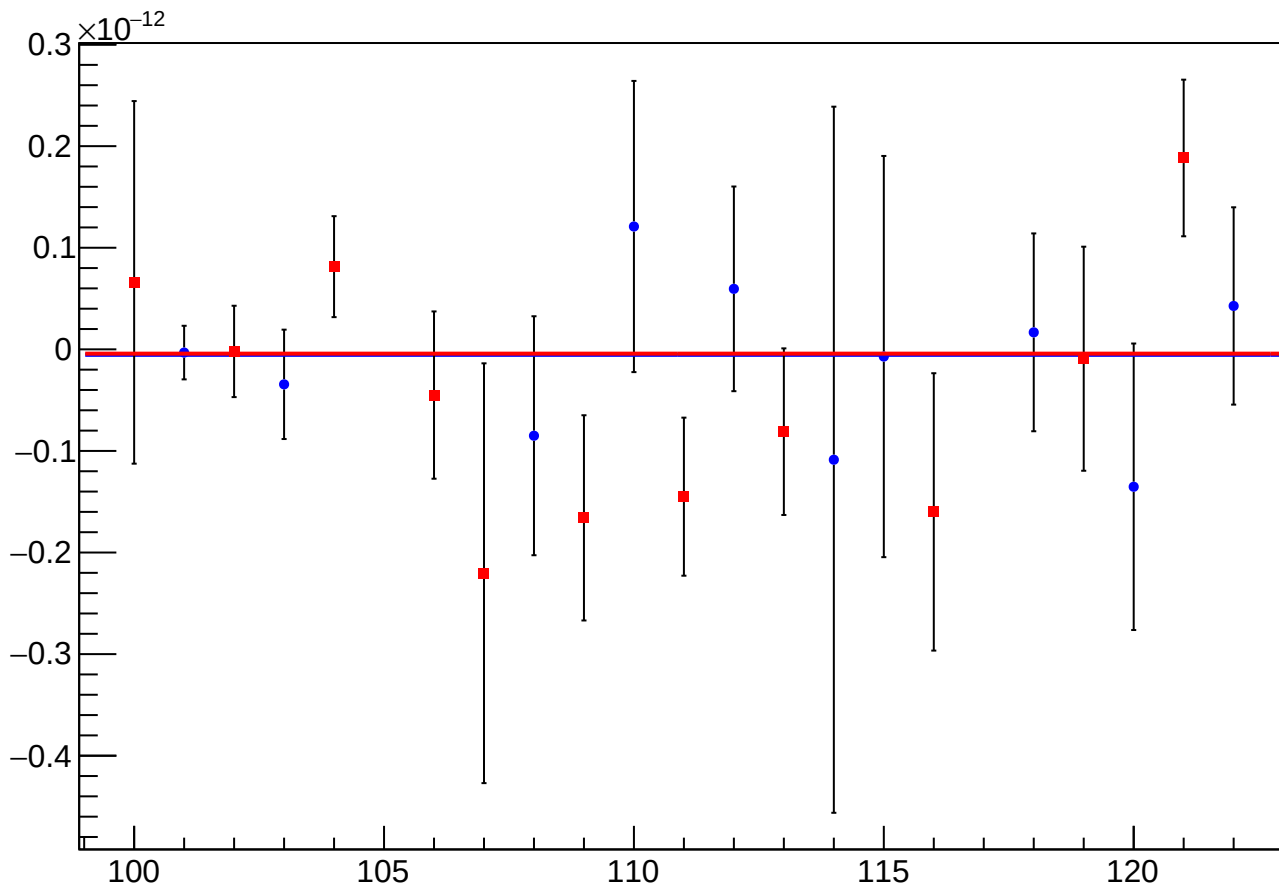
Right: 1396.168+/-0.340 χ^2/NDF : 377833.9/20

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

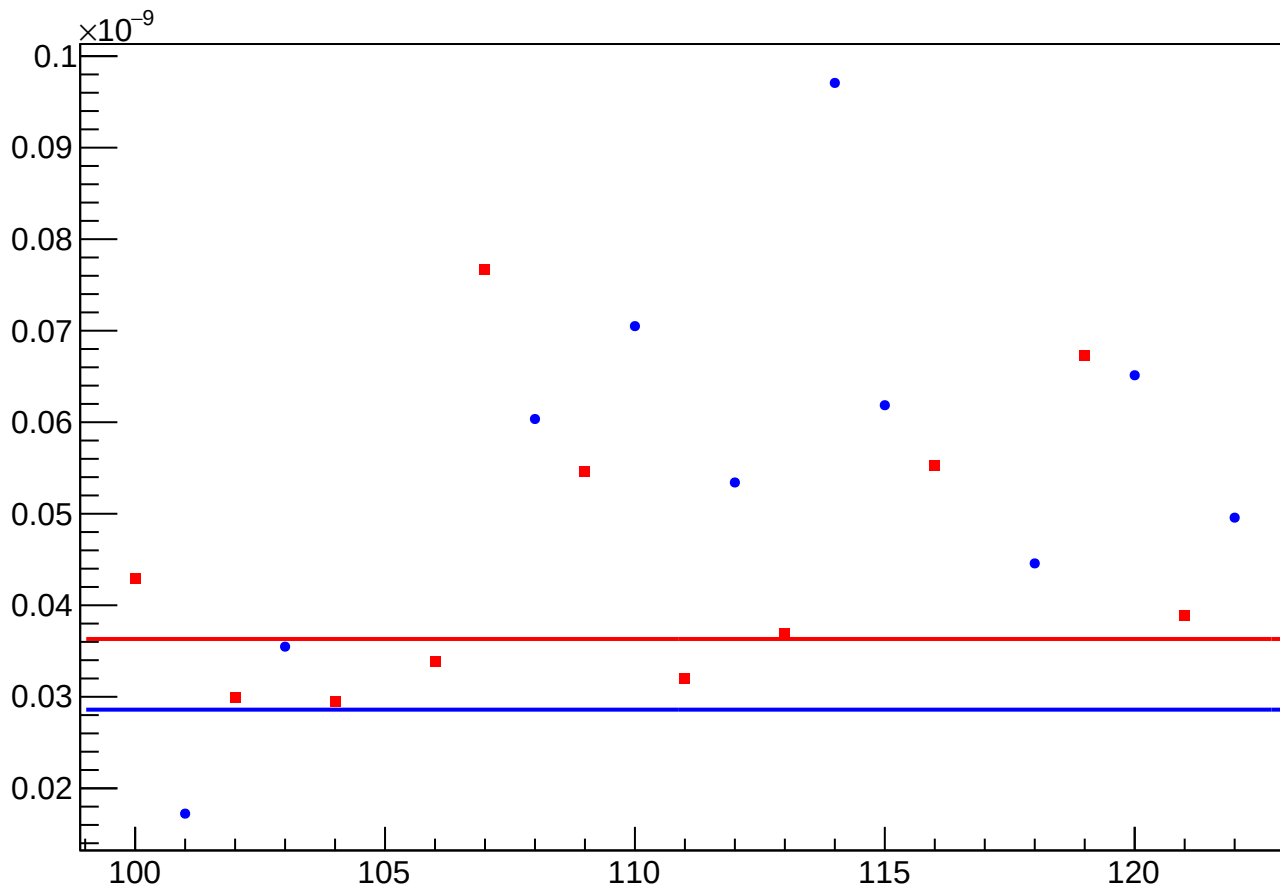
Right: -0.000+/-0.000 χ^2/NDF : 21.9/20

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

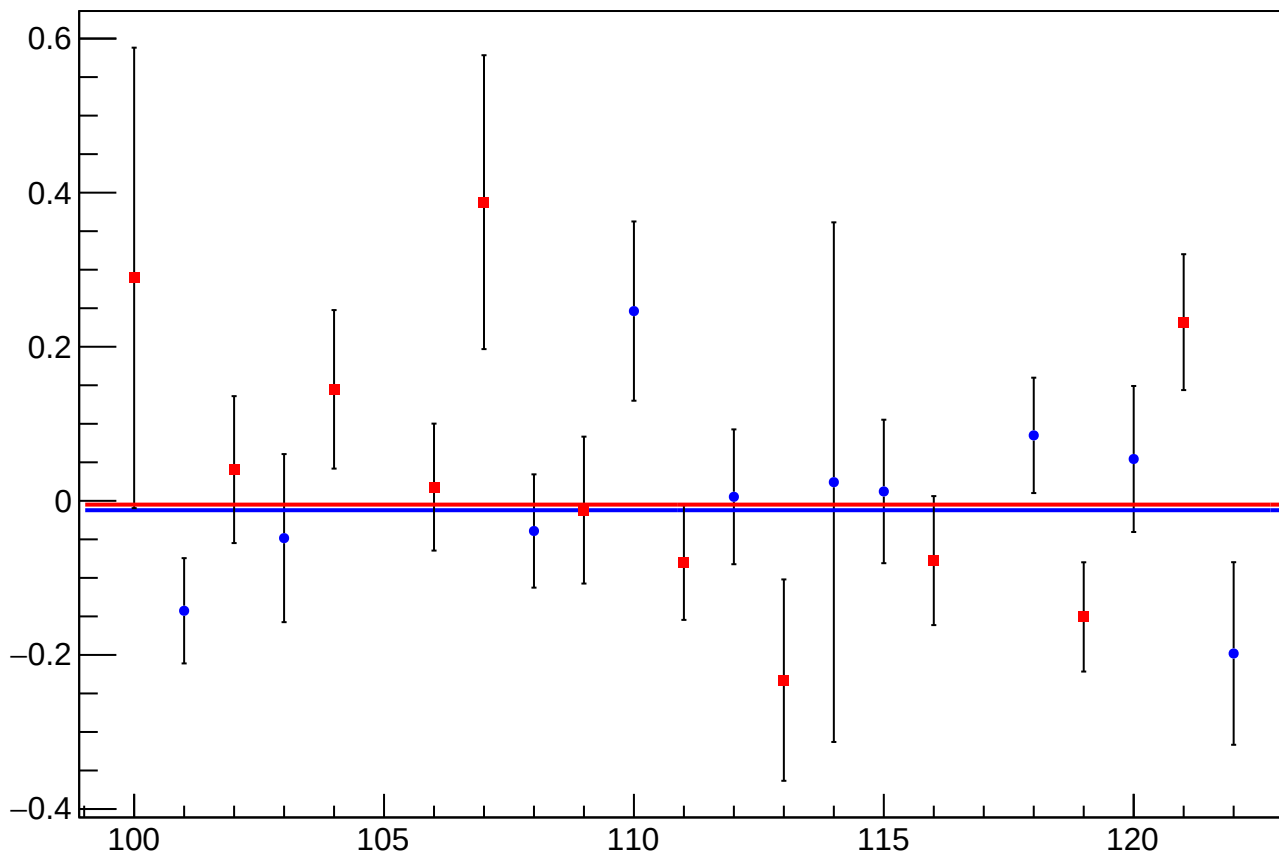
Right: 0.000+/-0.000 χ^2/NDF : 1807886.2/20

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

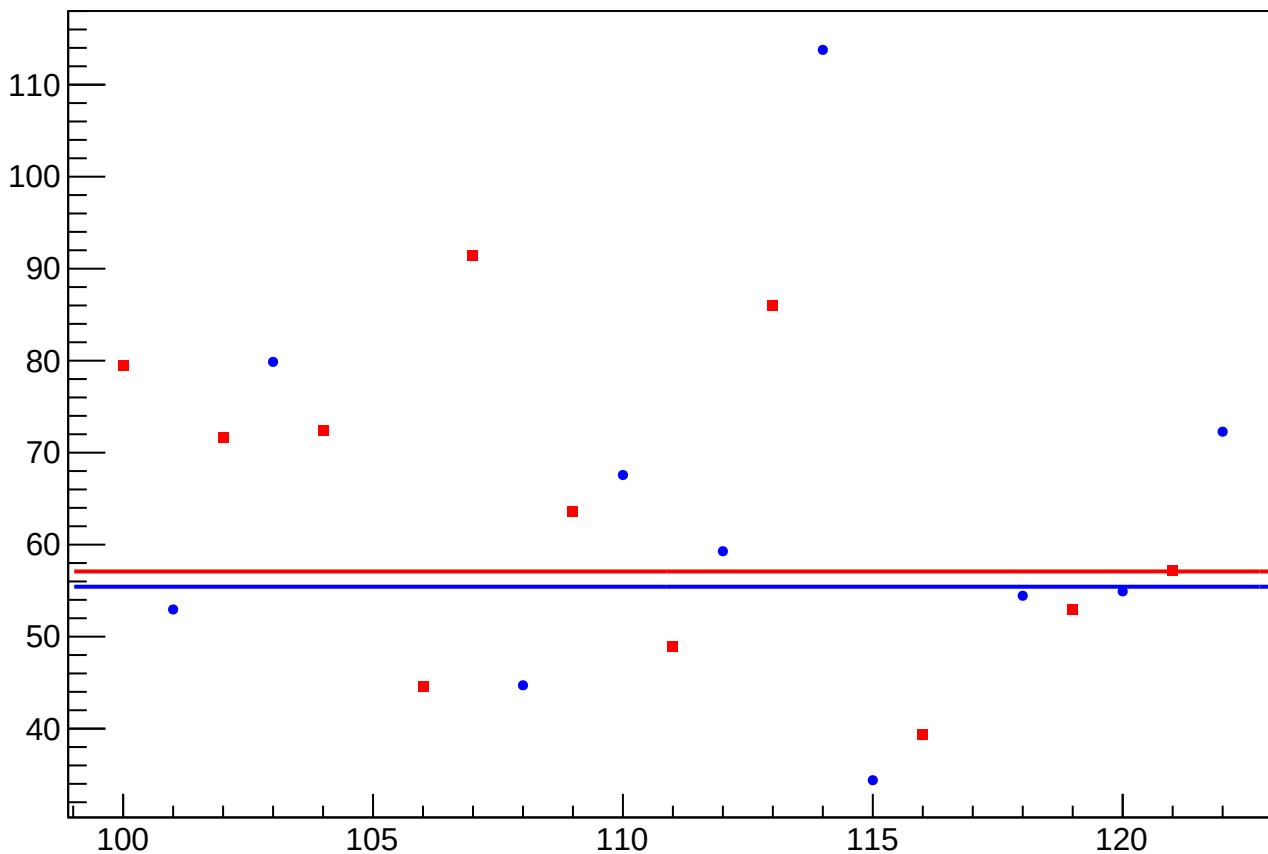
Right: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

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

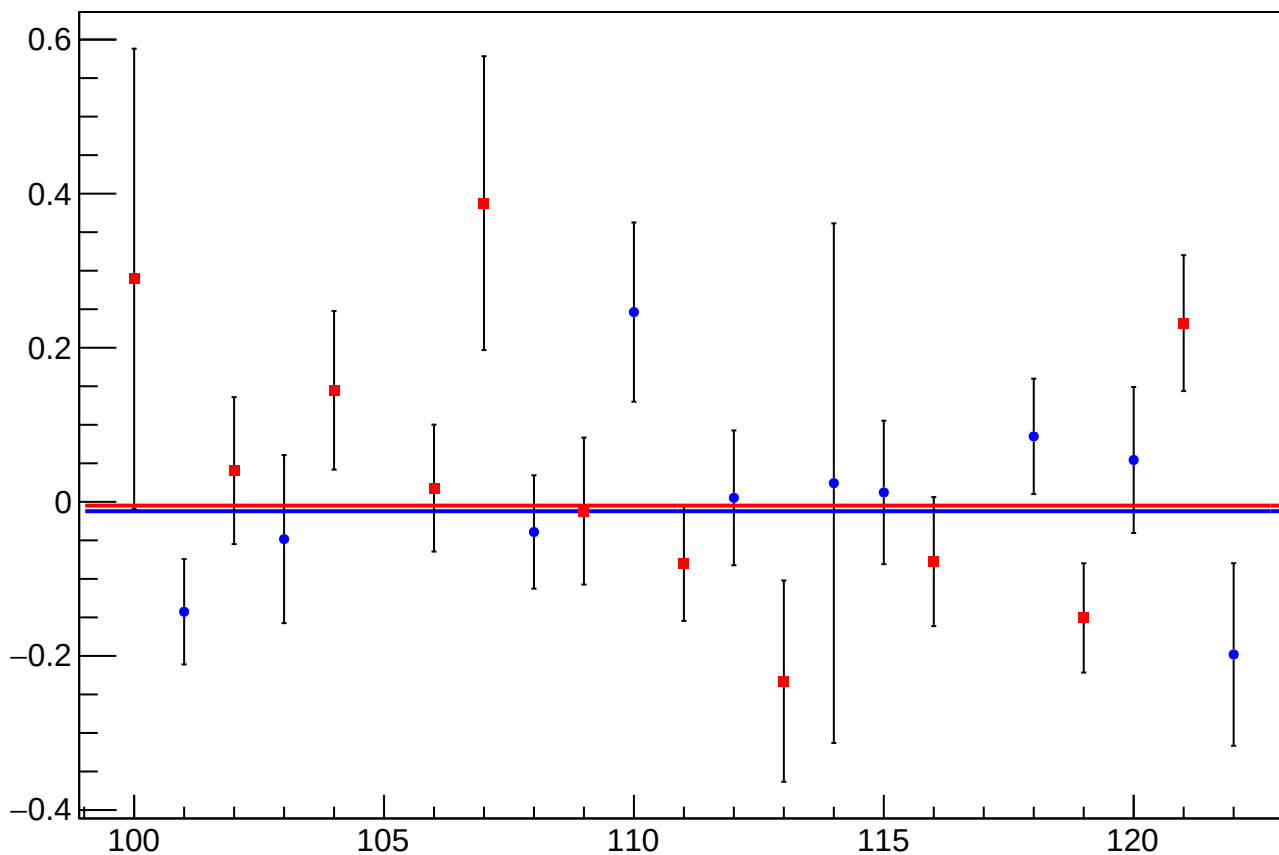
Right: 56.271+/-0.014 χ^2/NDF : 818024.7/20

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

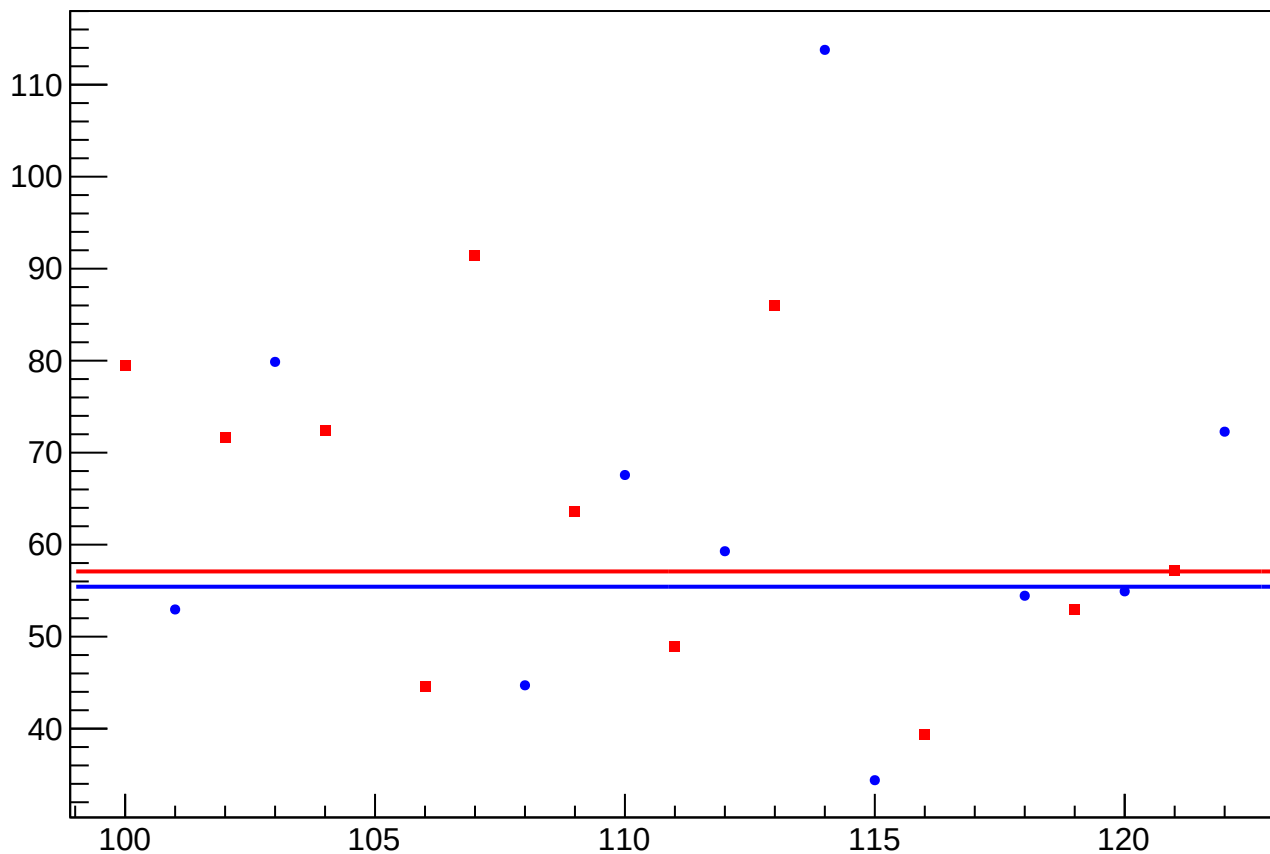
Right: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

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

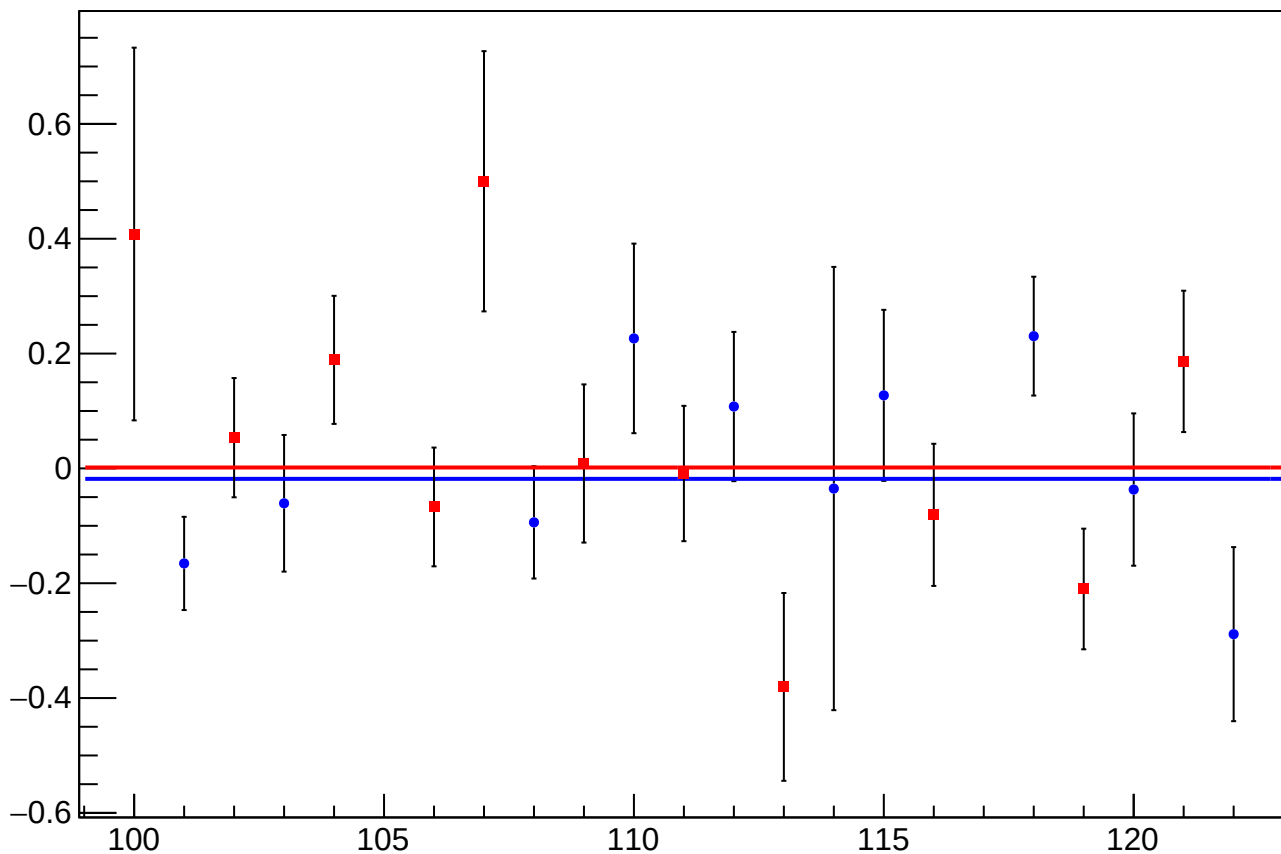
Right: 56.271+/-0.014 χ^2/NDF : 818024.7/20

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

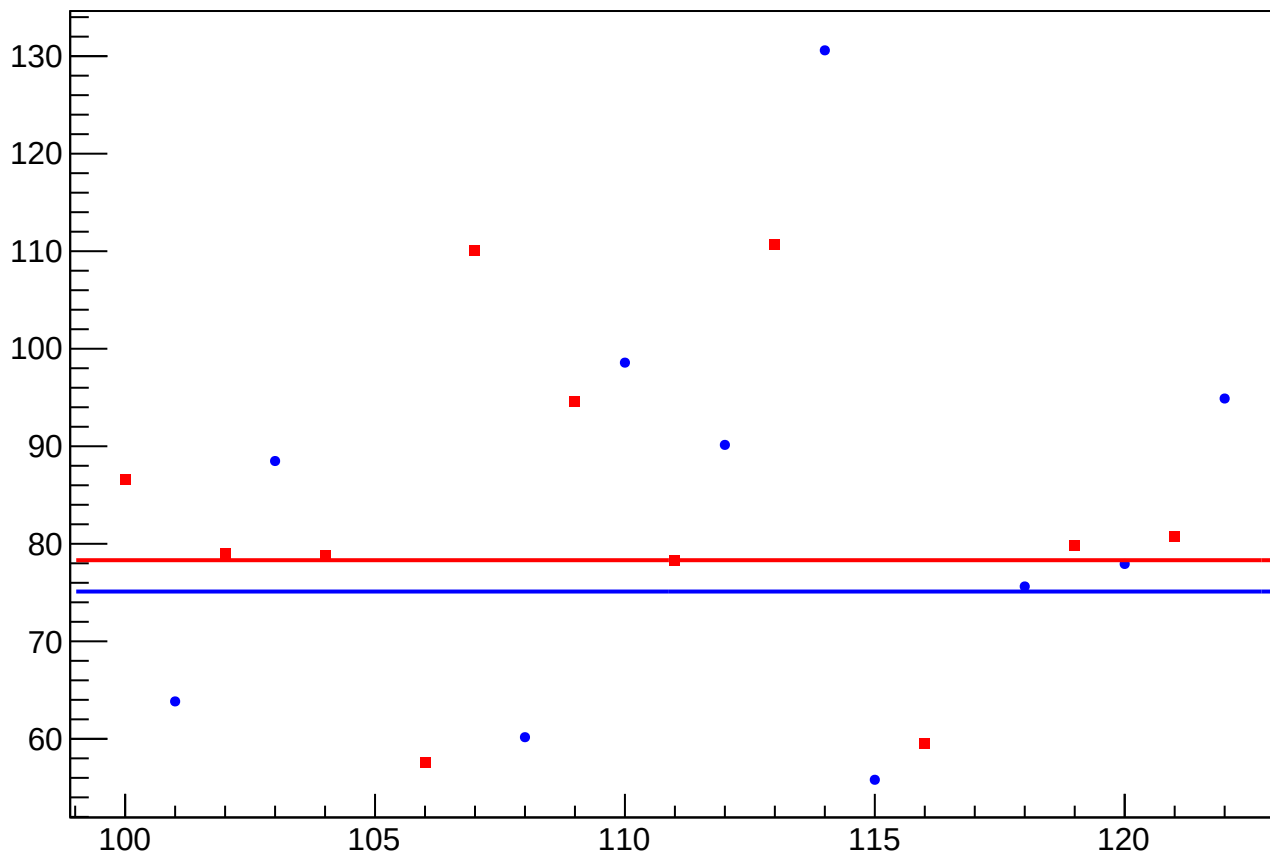
Right: -0.008+/-0.027 χ^2/NDF : 39.4/20

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

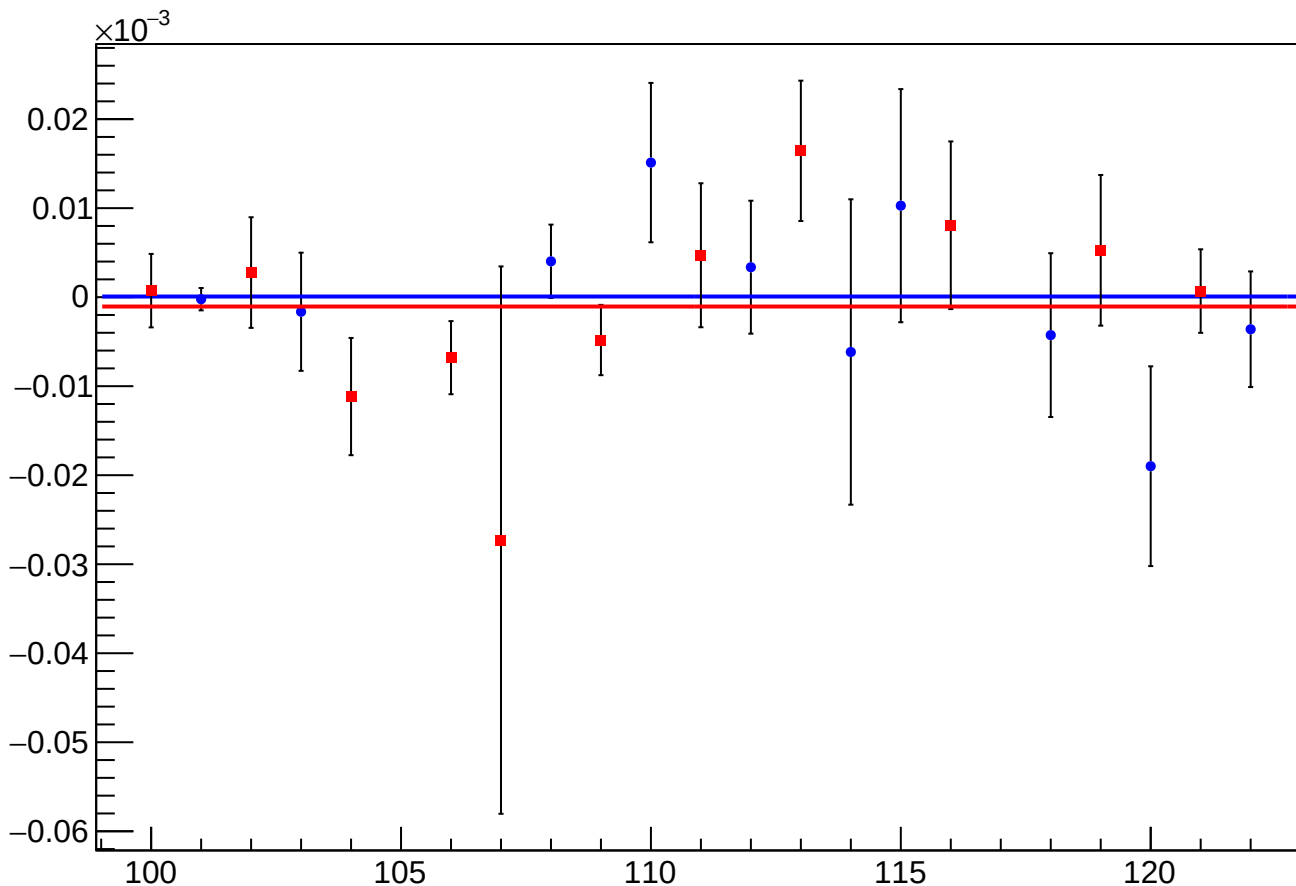
Right: 76.725+/-0.019 χ^2/NDF : 568969.4/20

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

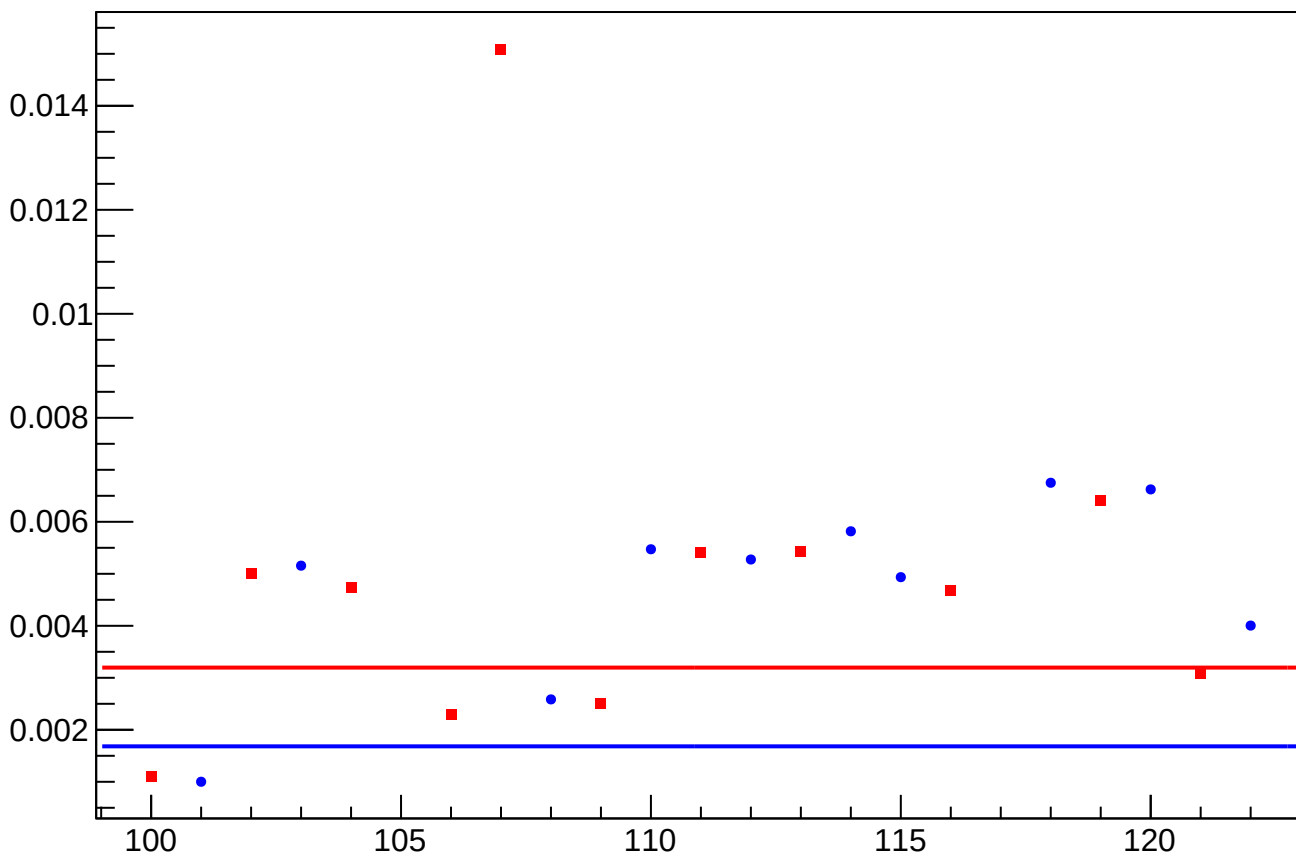
Right: -0.000+/-0.000 χ^2/NDF : 22.1/20

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

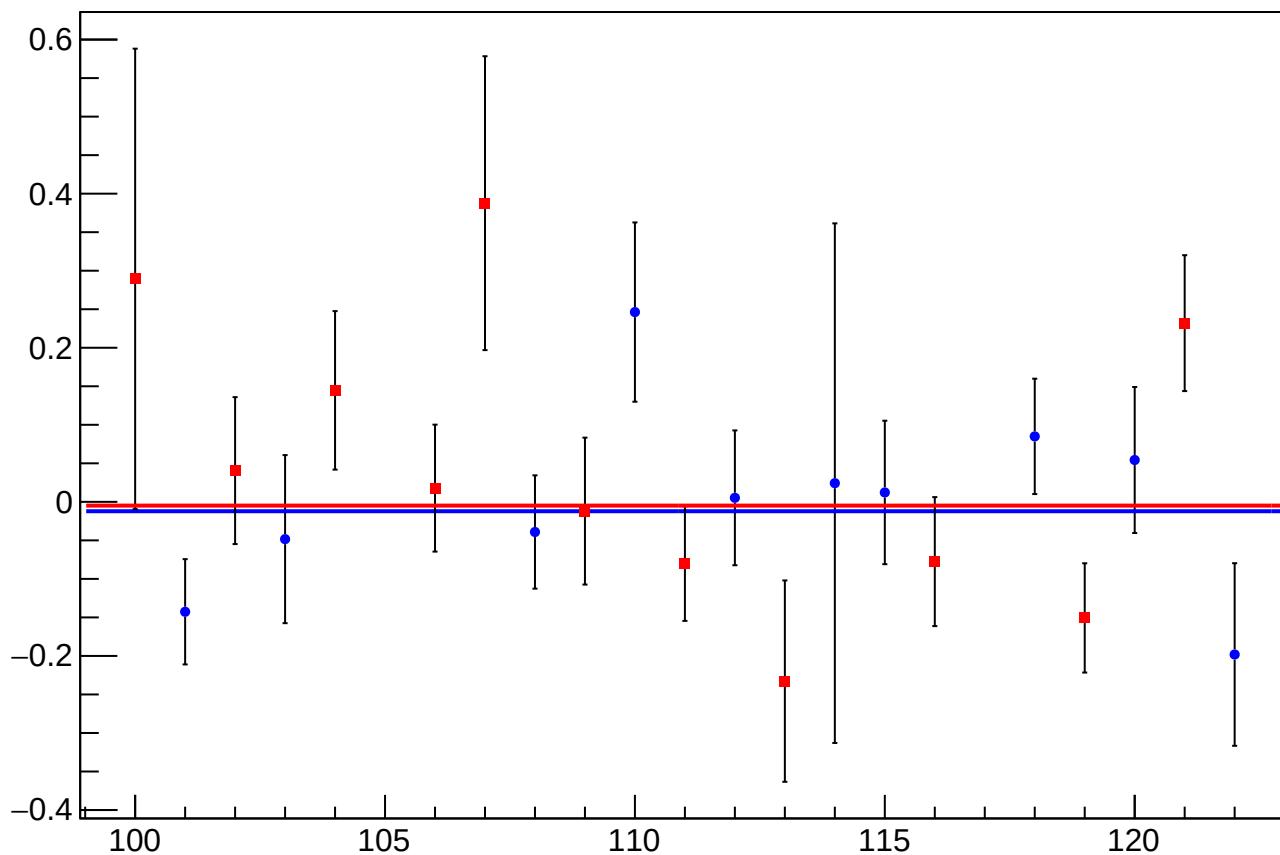
Right: 0.002+/-0.000 χ^2/NDF : 6519053.9/20

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 ± 0.029 χ^2/NDF : 13.6/9

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

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

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

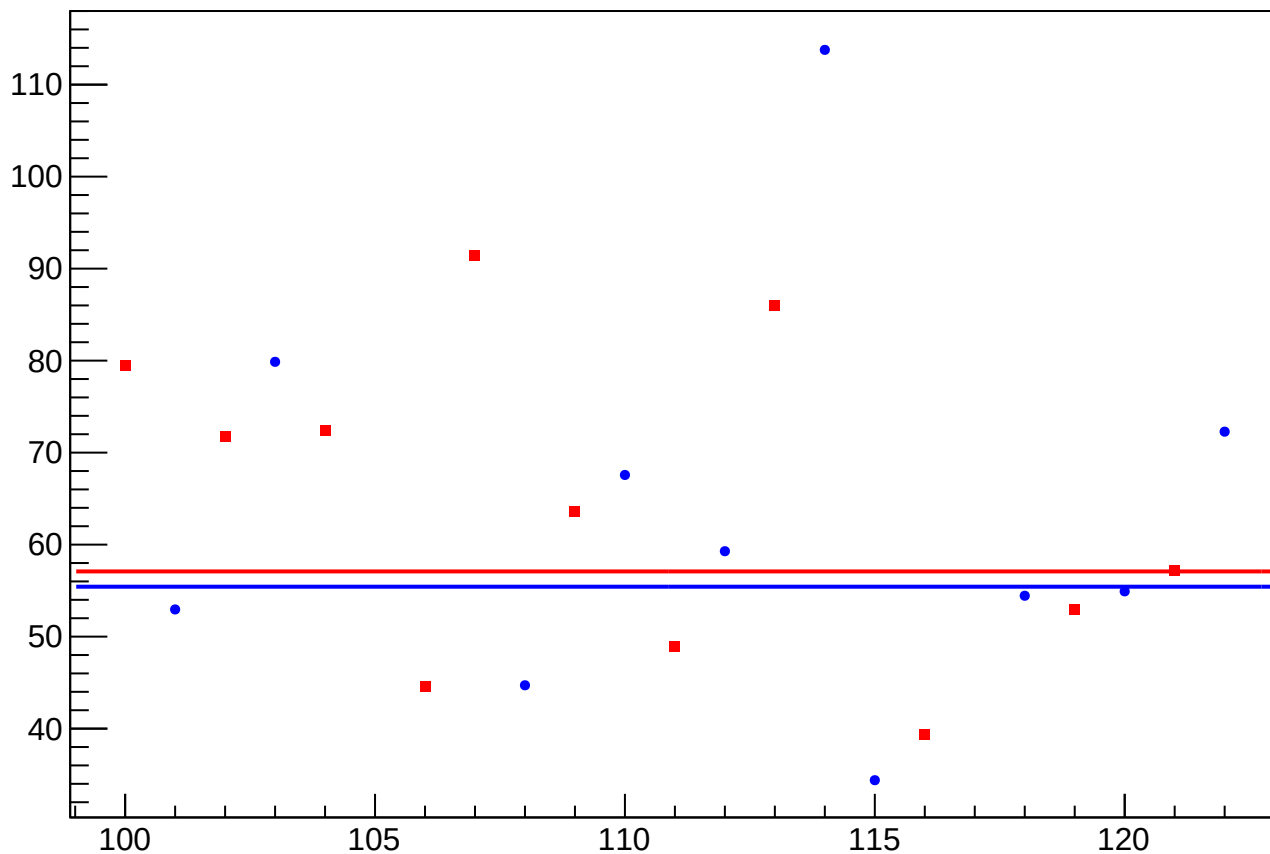
Right: -0.008 ± 0.020 χ^2/NDF : 37.5/20

In: -0.012 ± 0.029 χ^2/NDF : 13.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 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

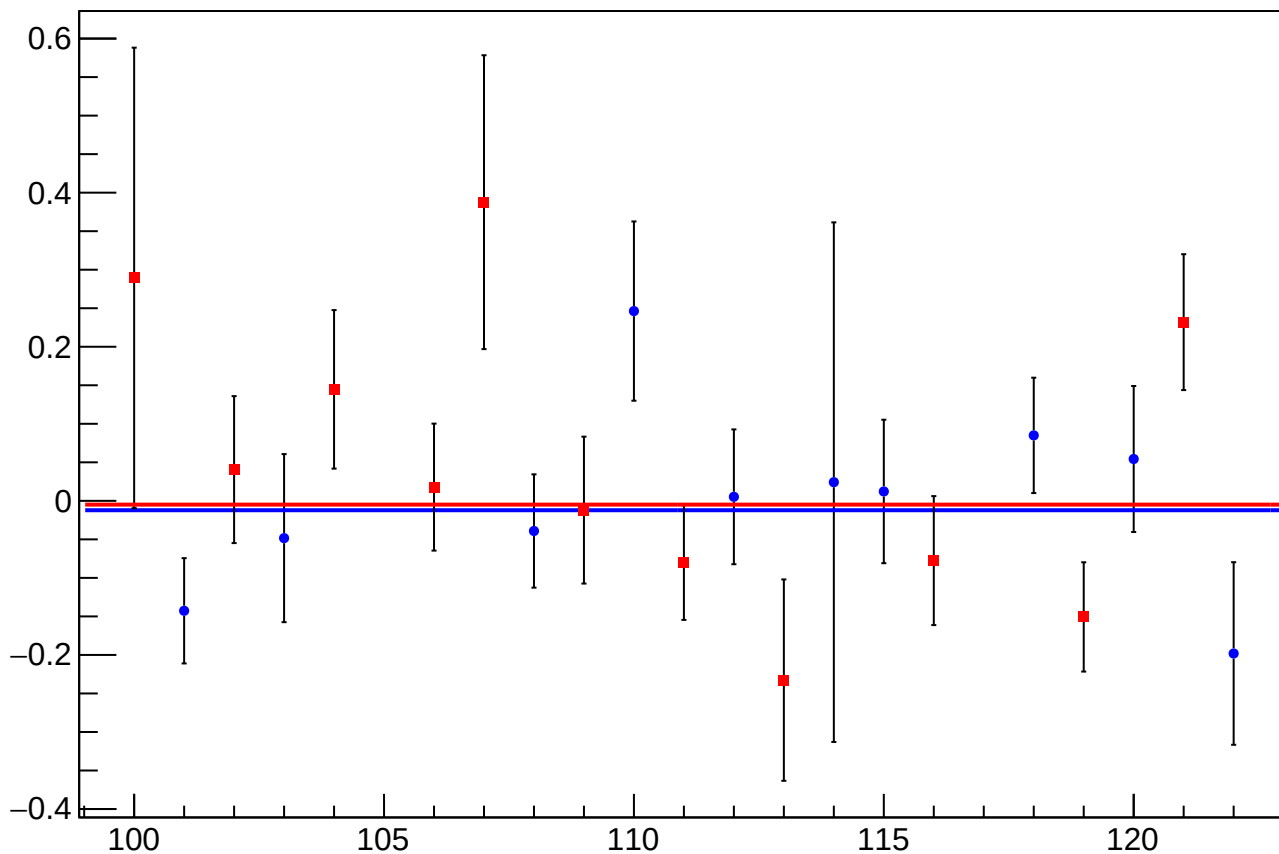
Right: 56.270+/-0.014 χ^2/NDF : 818061.2/20

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

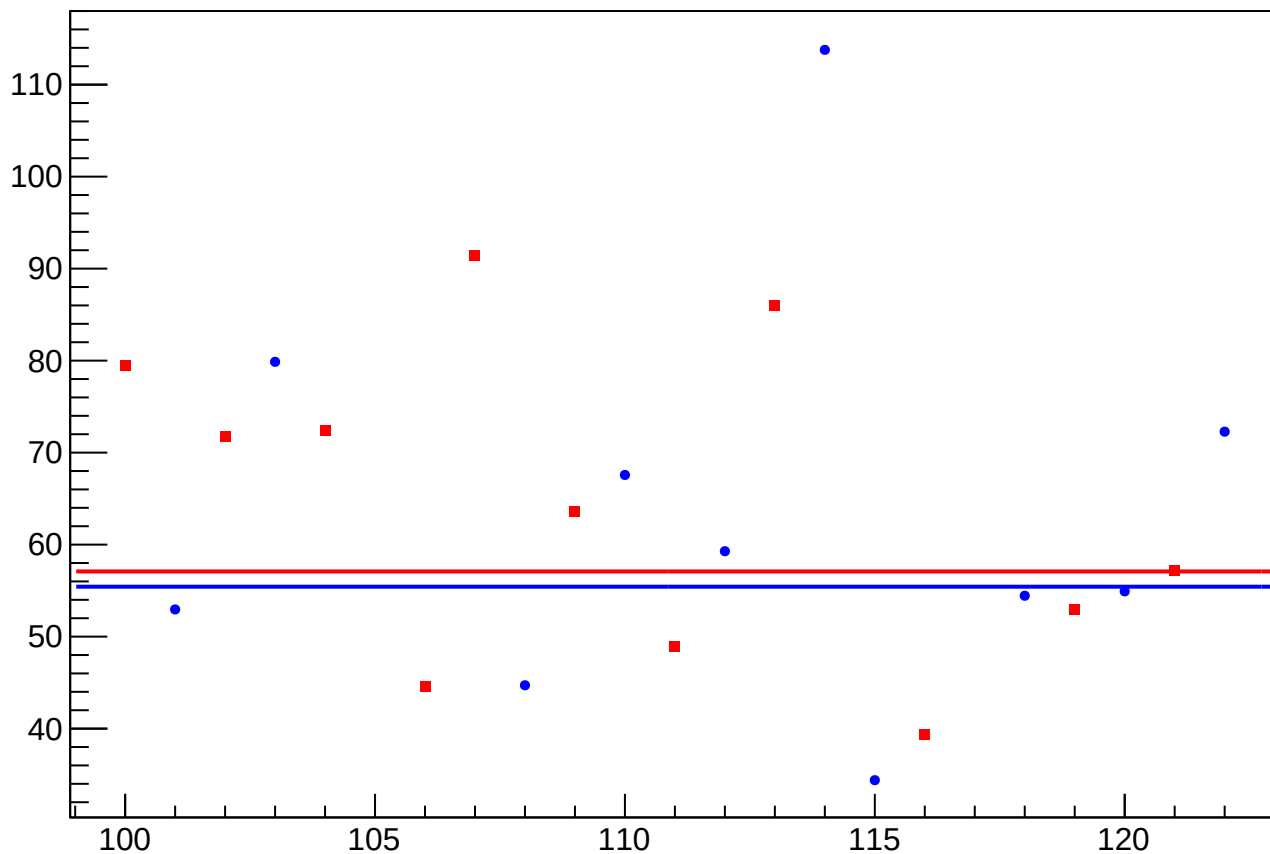
Right: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/20

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

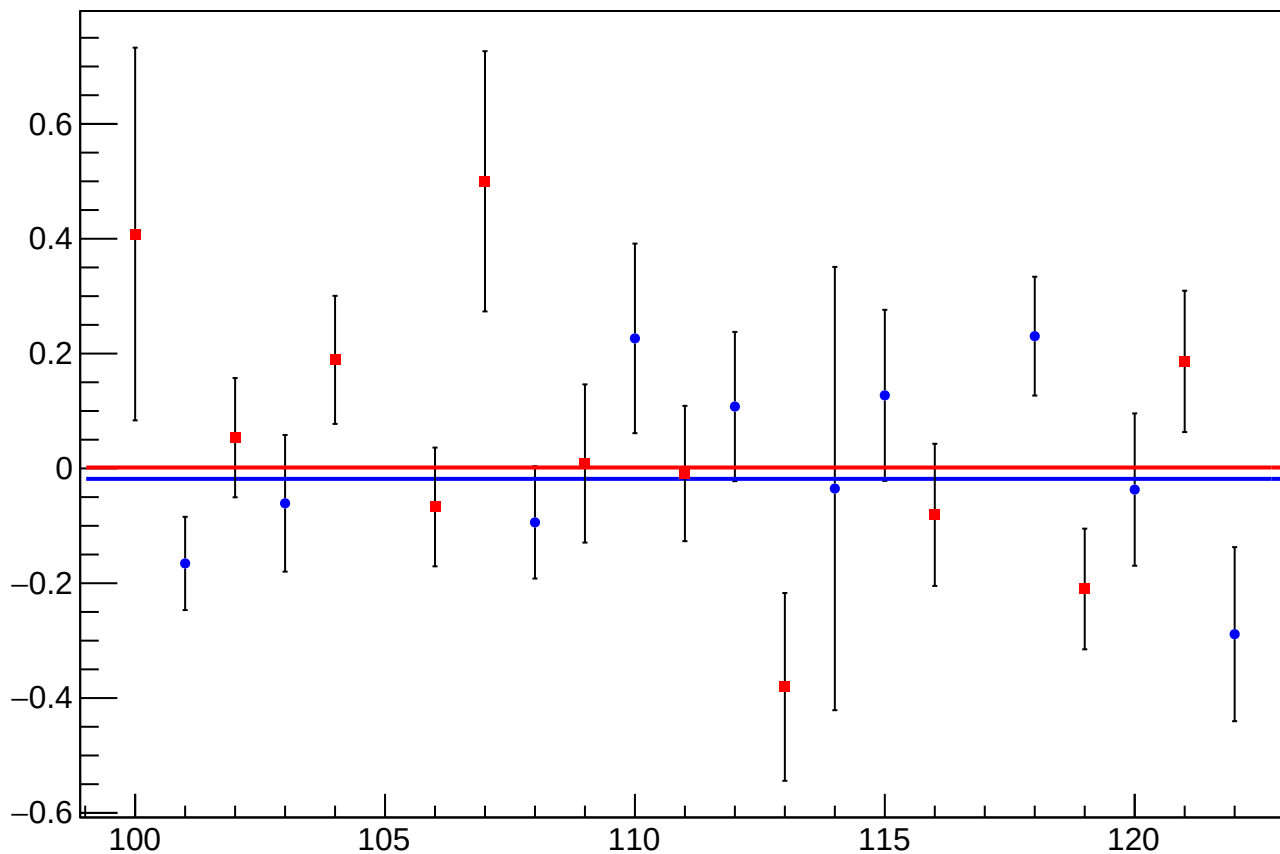
Right: 56.270+/-0.014 χ^2/NDF : 818061.2/20

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

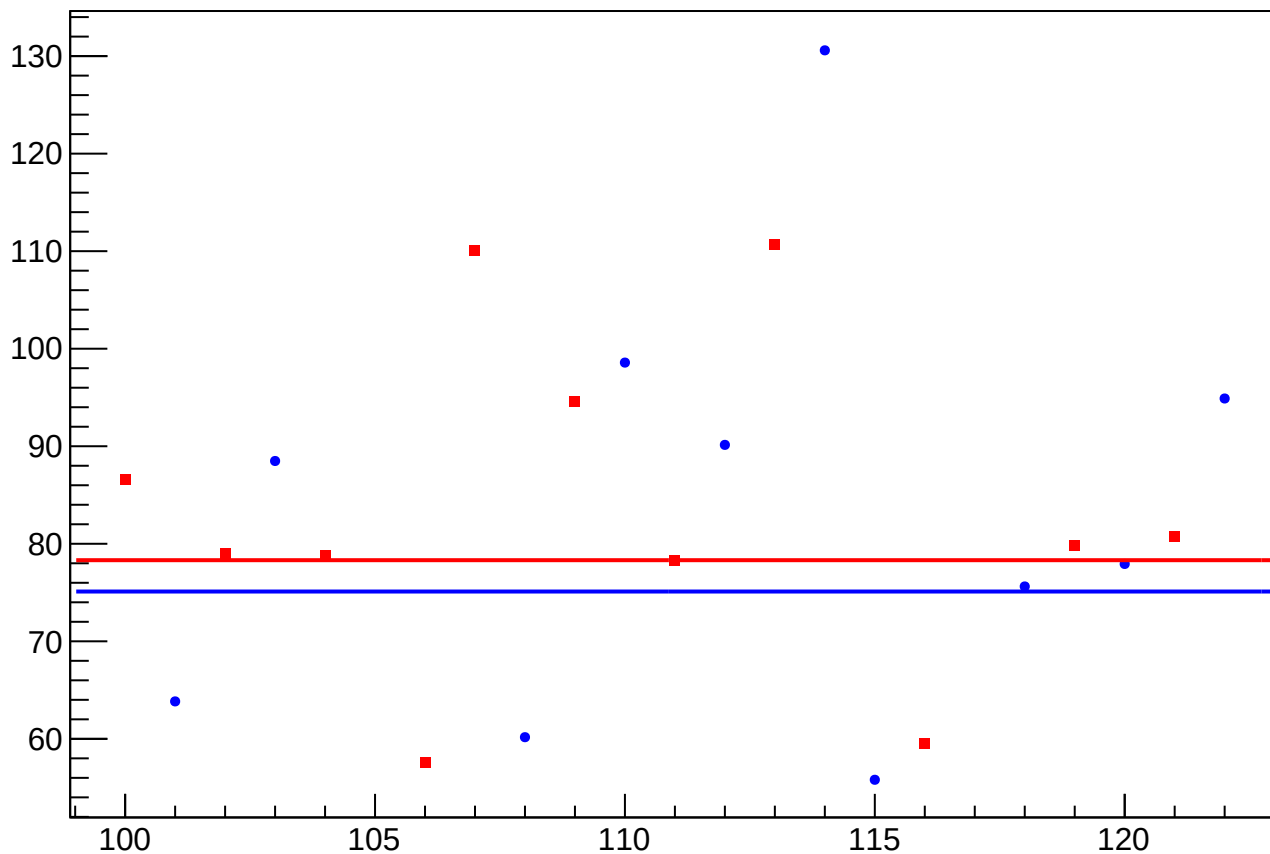
Right: -0.008+/-0.027 χ^2/NDF : 39.4/20

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

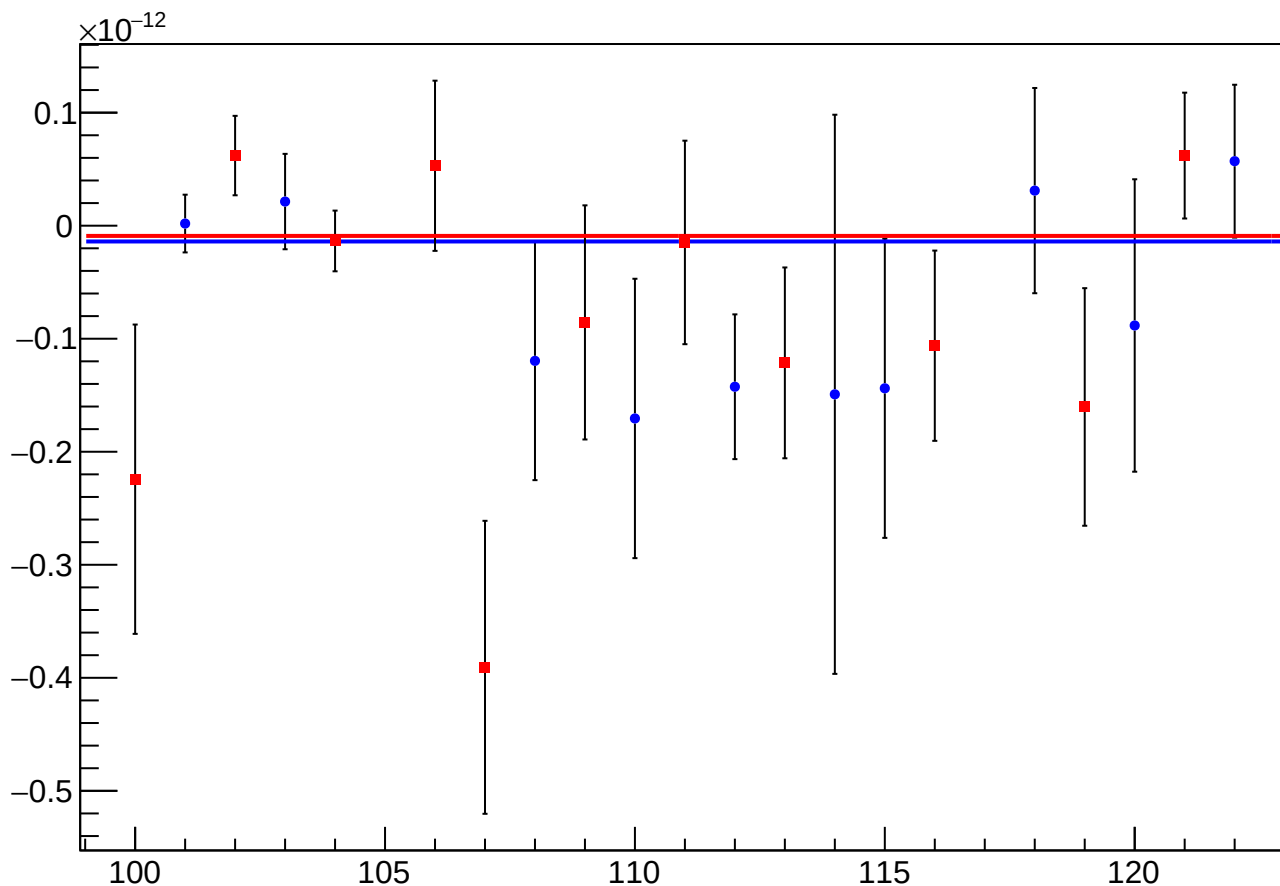
Right: 76.724+/-0.019 χ^2/NDF : 568962.2/20

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

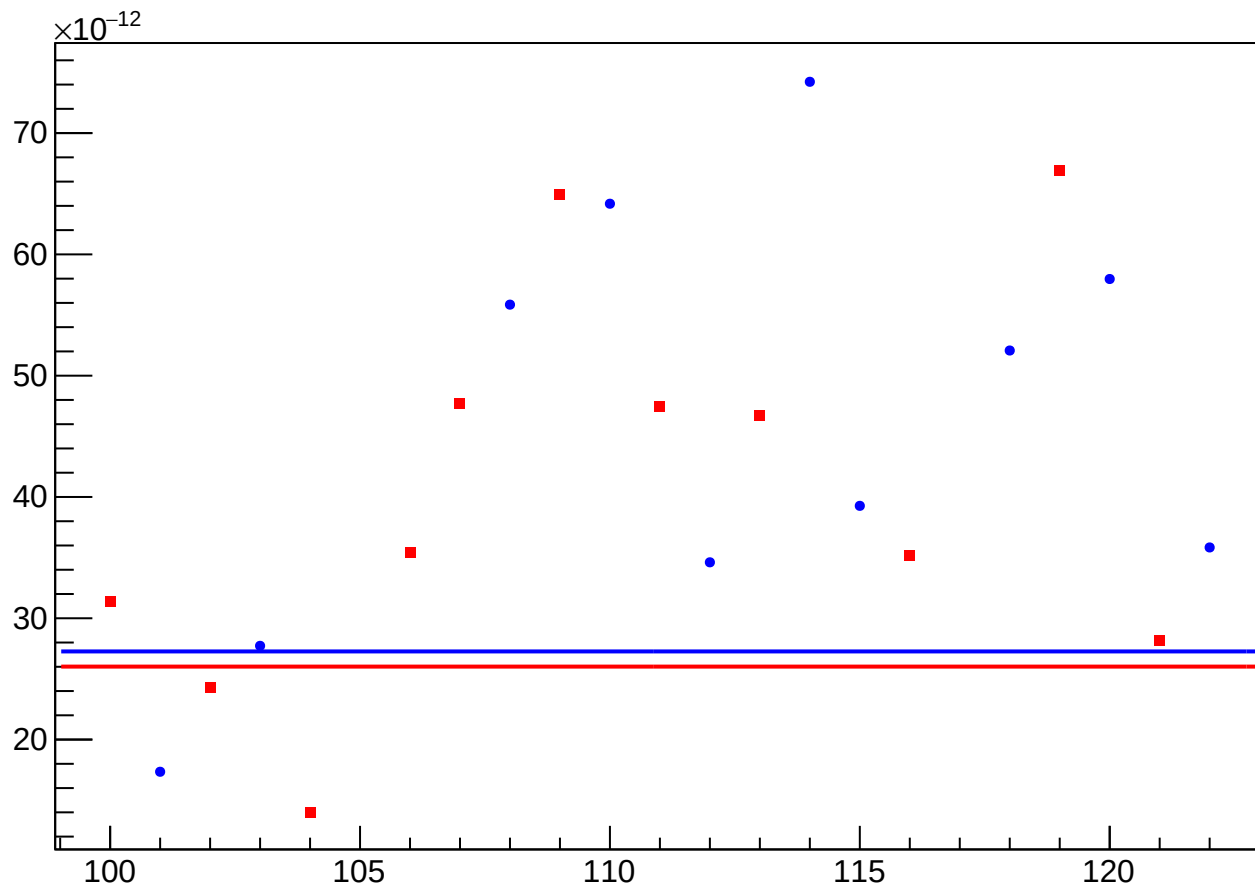
Right: -0.000 ± 0.000 χ^2/NDF : 34.0/20

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

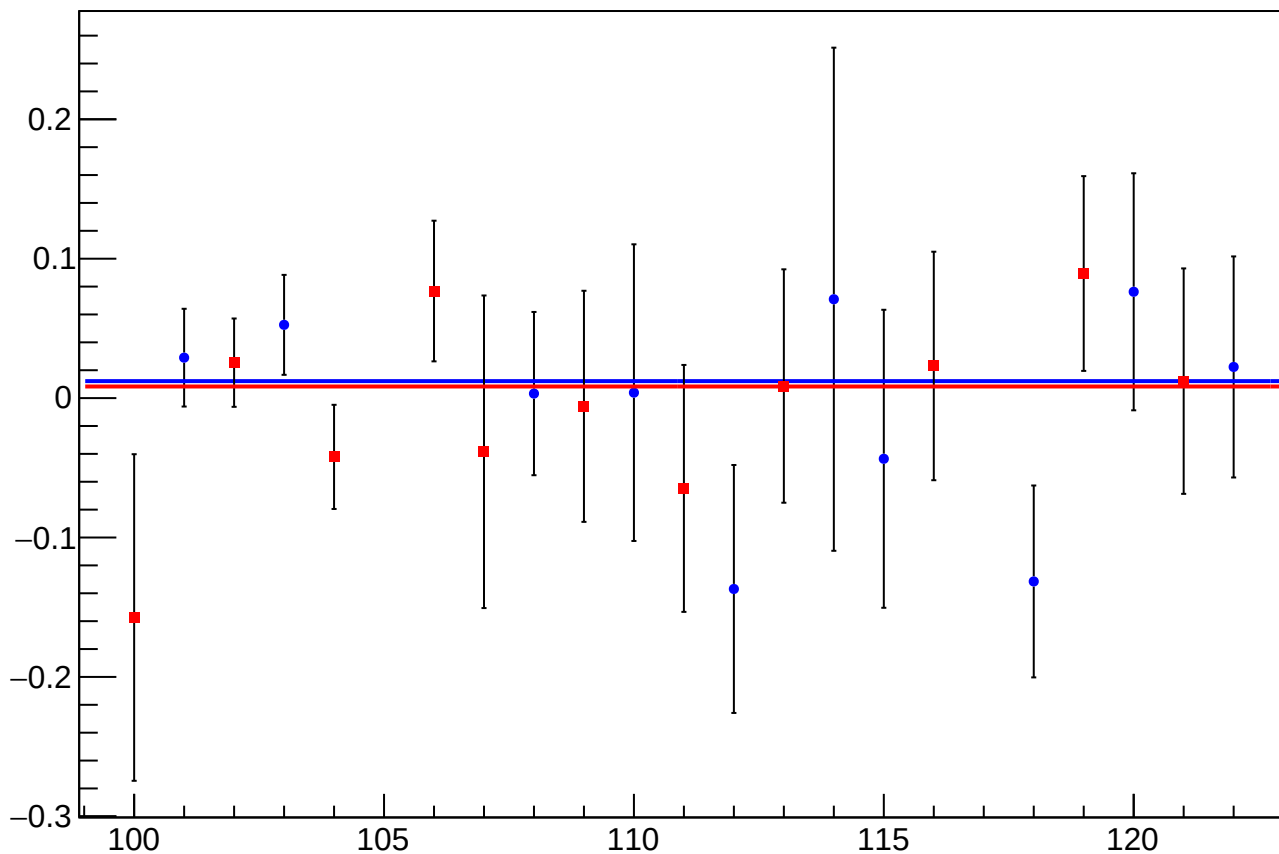
Right: 0.000+/-0.000 χ^2/NDF : 2383724.8/20

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

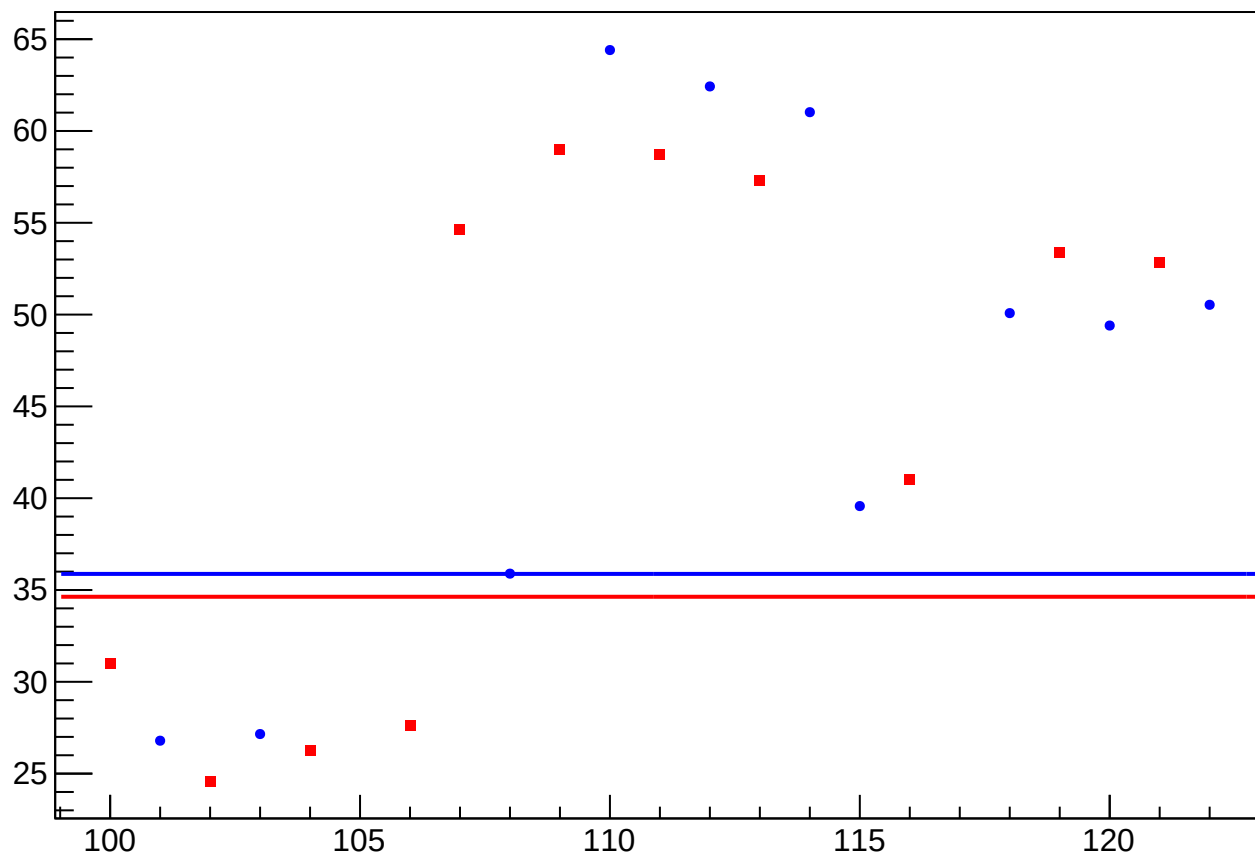
Right: 0.010+/-0.013 χ^2/NDF : 17.9/20

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

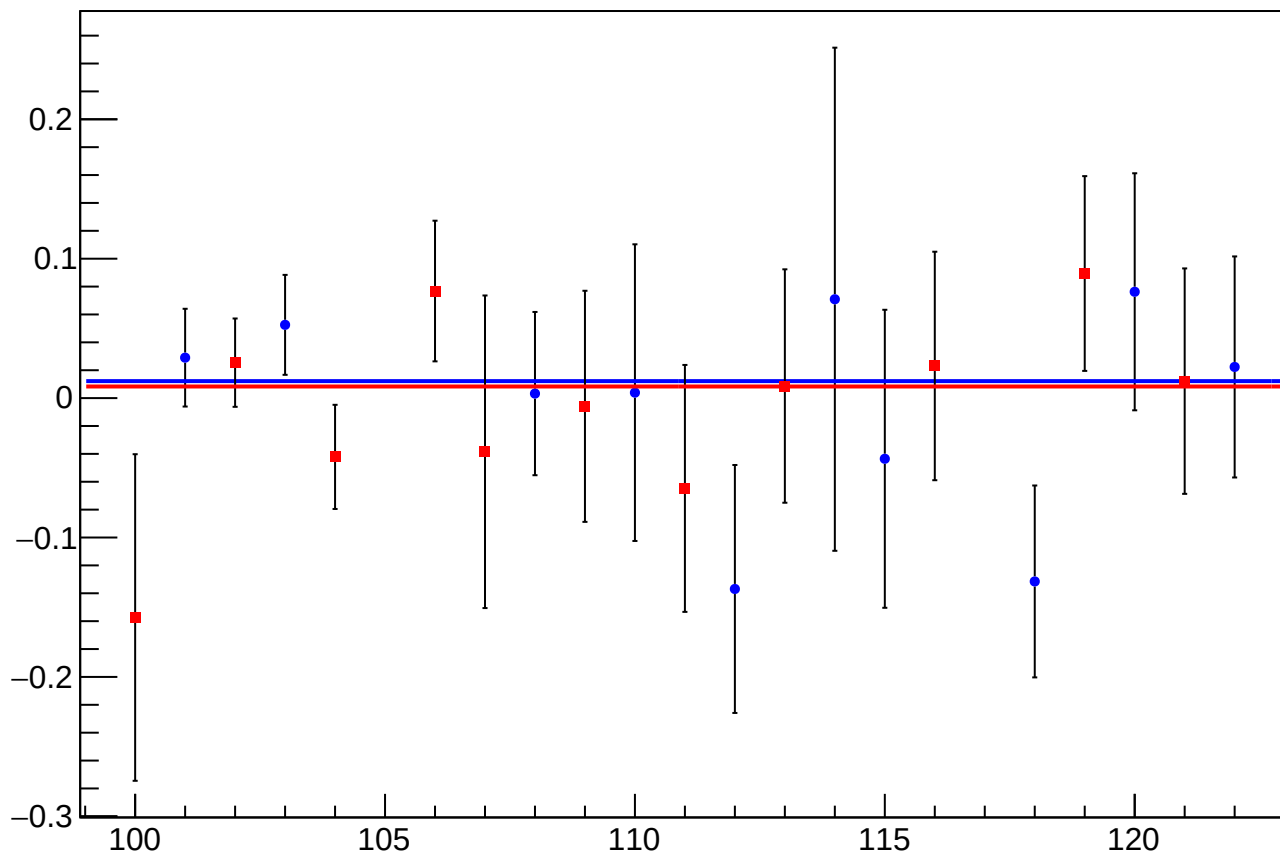
Right: 35.206+/-0.009 χ^2/NDF : 1955916.0/20

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

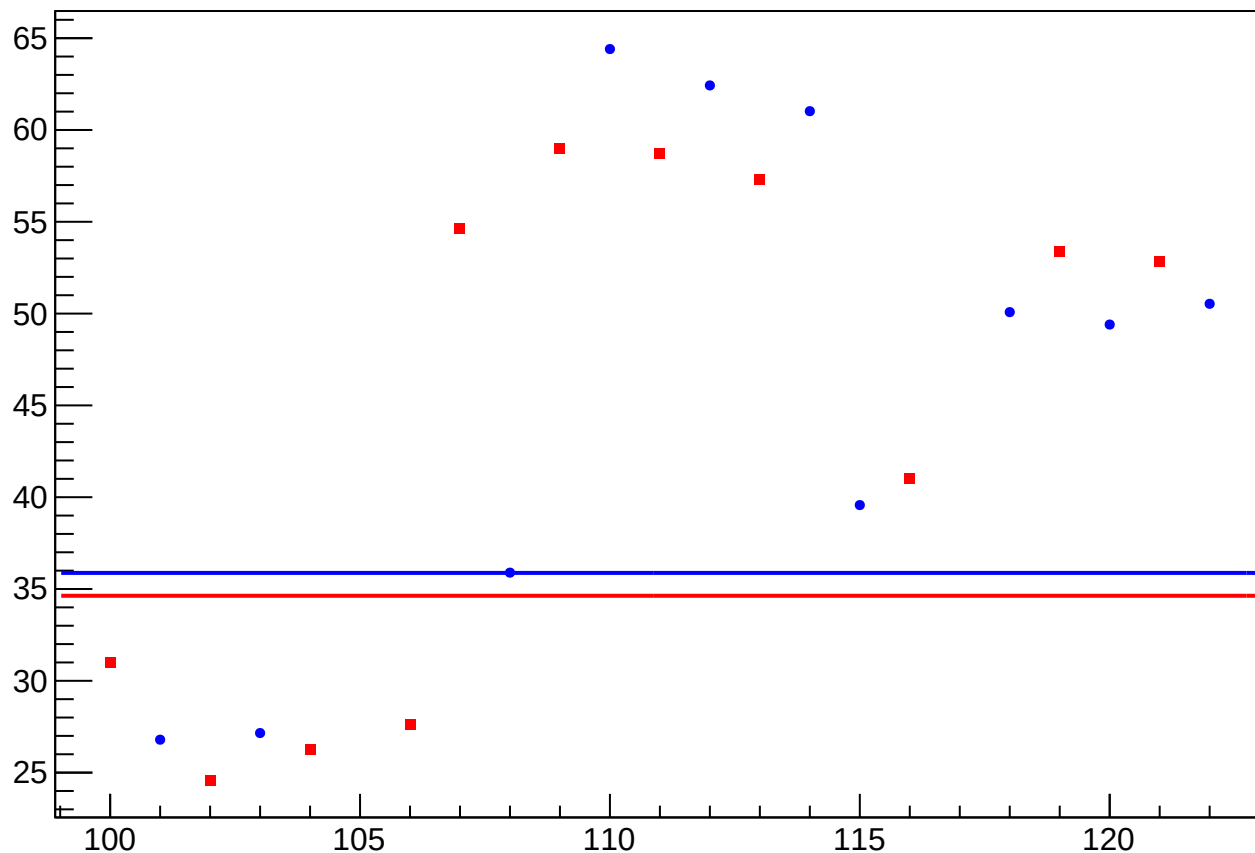
Right: 0.010+/-0.013 χ^2/NDF : 17.9/20

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

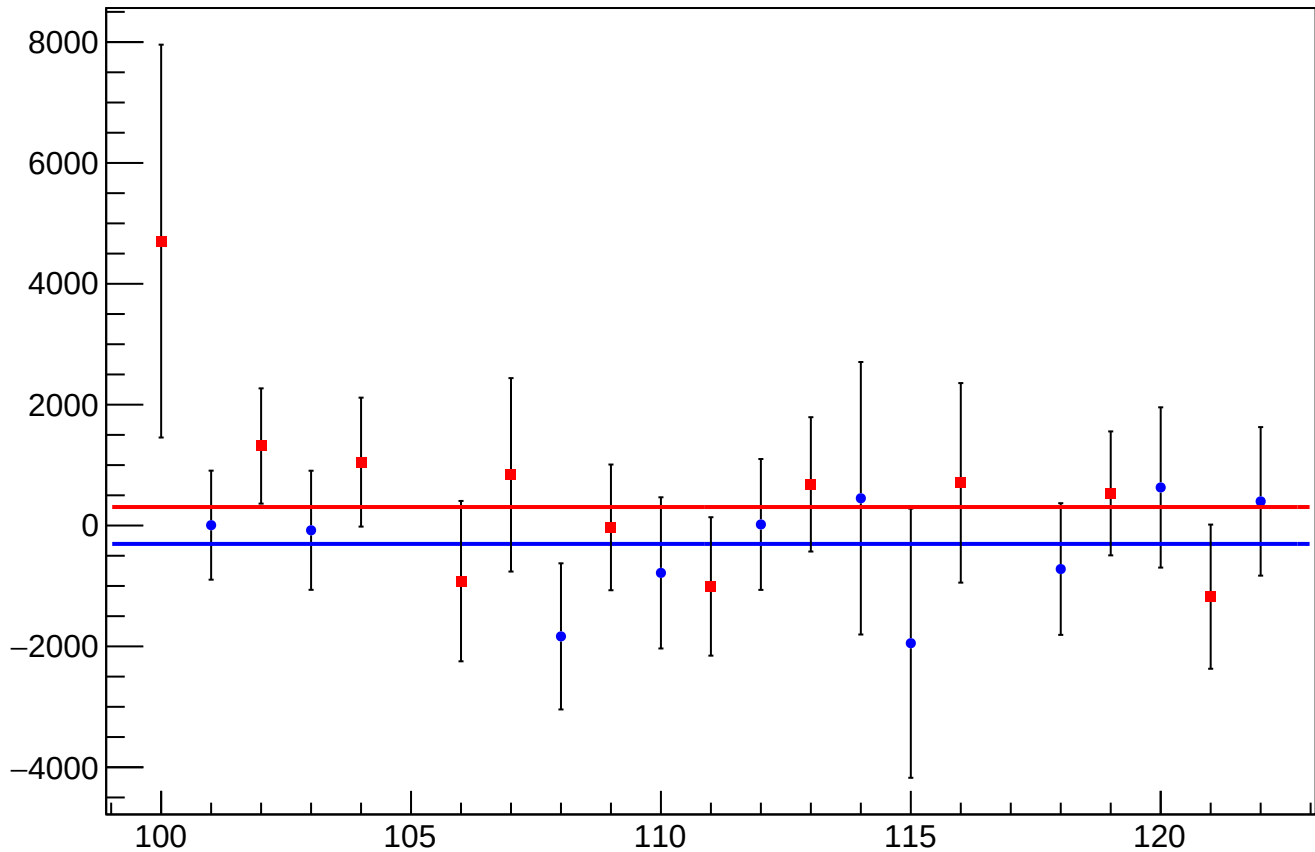
Right: 35.206+/-0.009 χ^2/NDF : 1955916.0/20

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

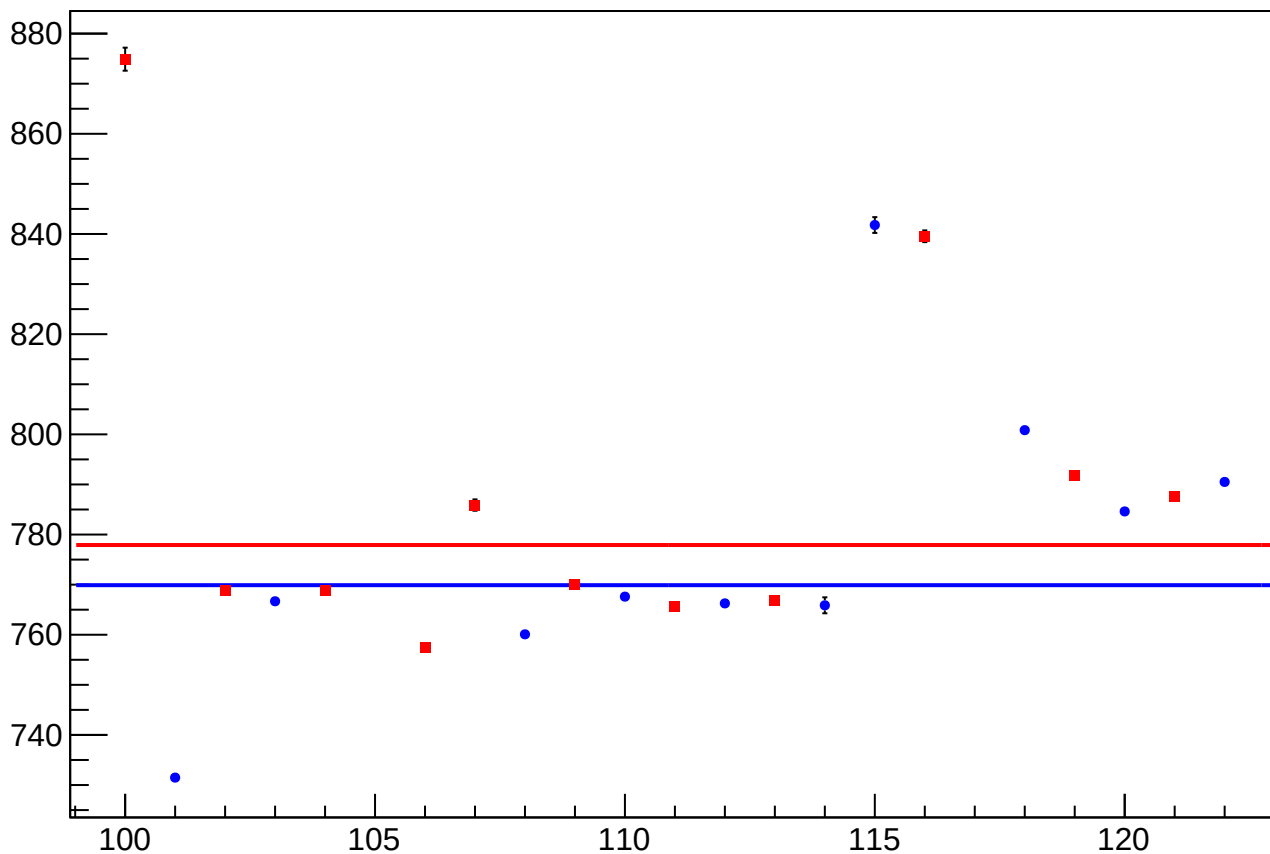
Right: 14.550+/-263.043 χ^2/NDF : 12.6/20

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

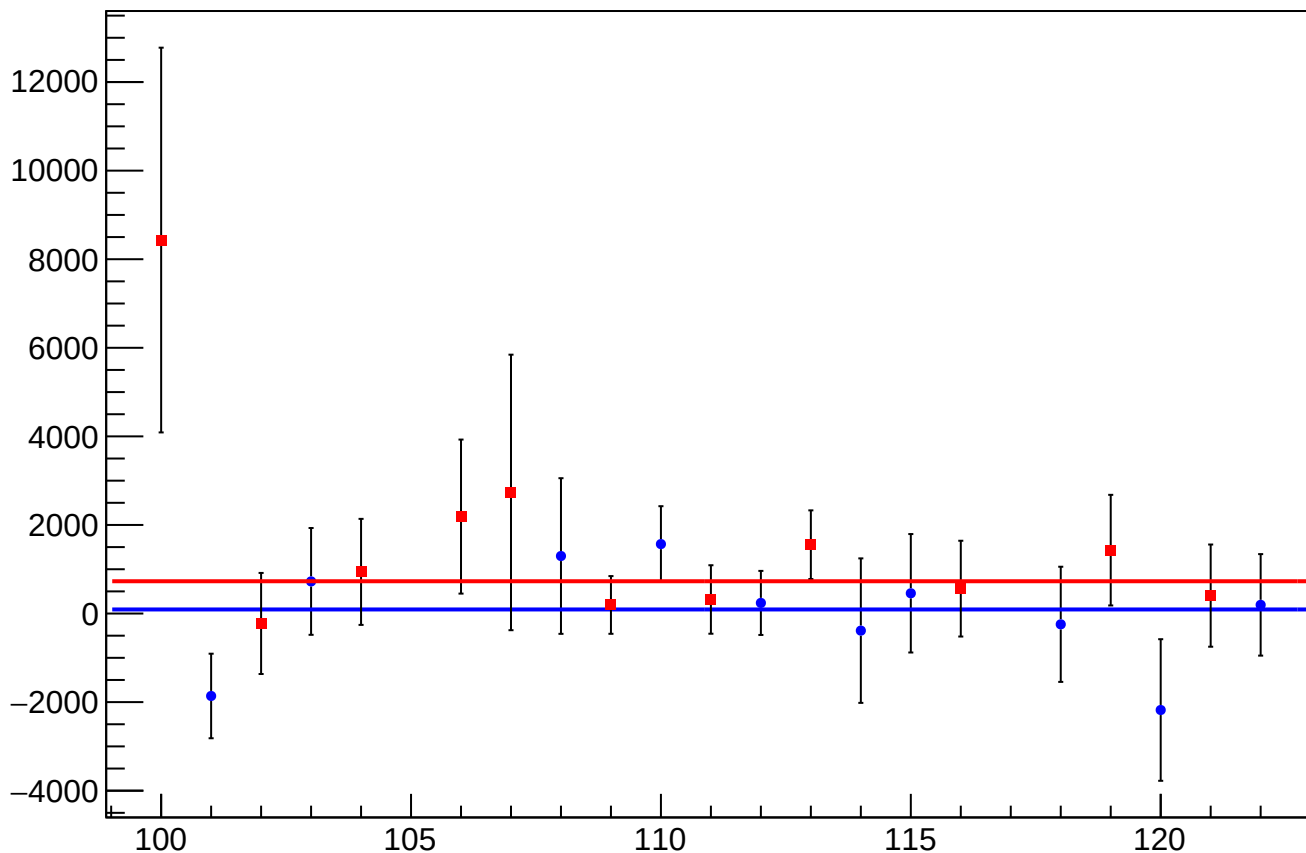
Right: 774.080+/-0.186 χ^2/NDF : 15240.5/20

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

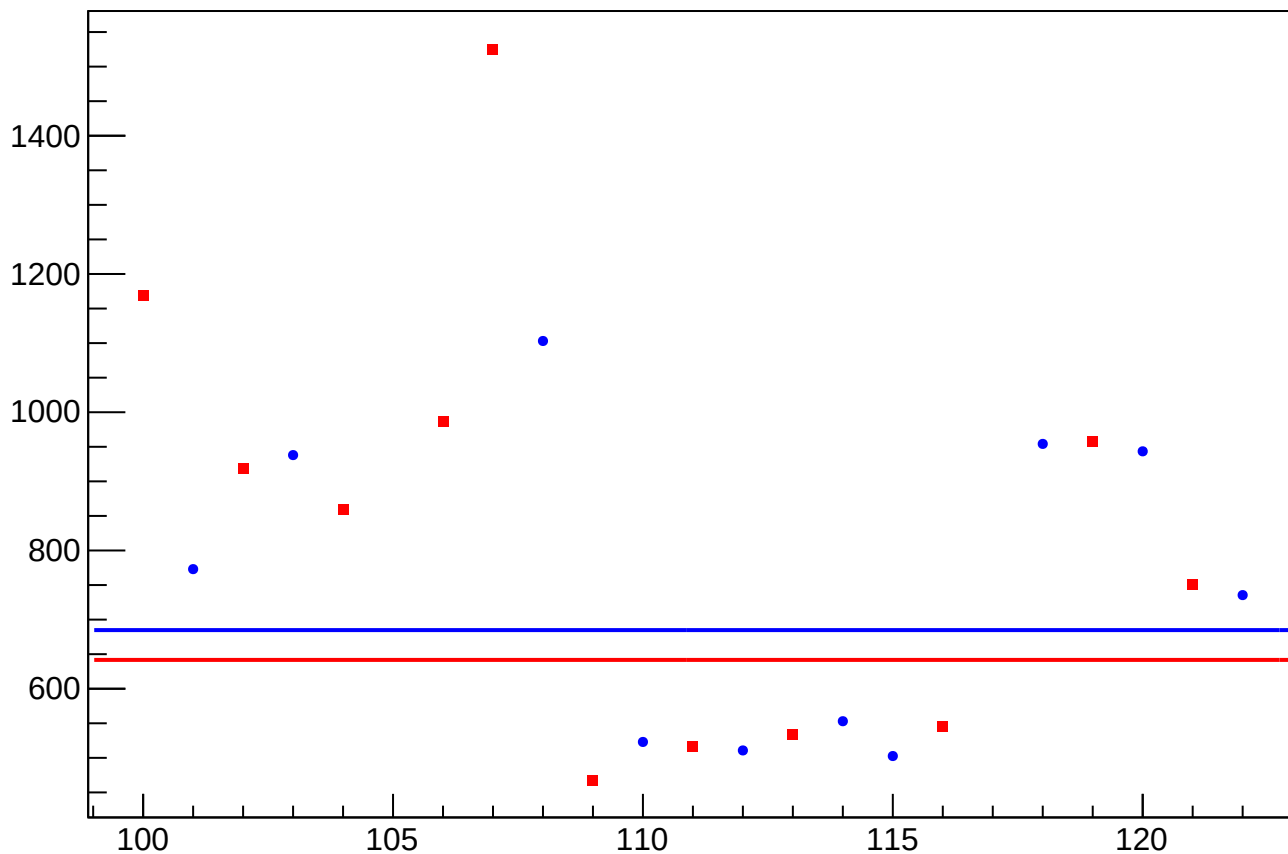
Right: 442.886+/-235.957 χ^2/NDF : 19.5/20

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

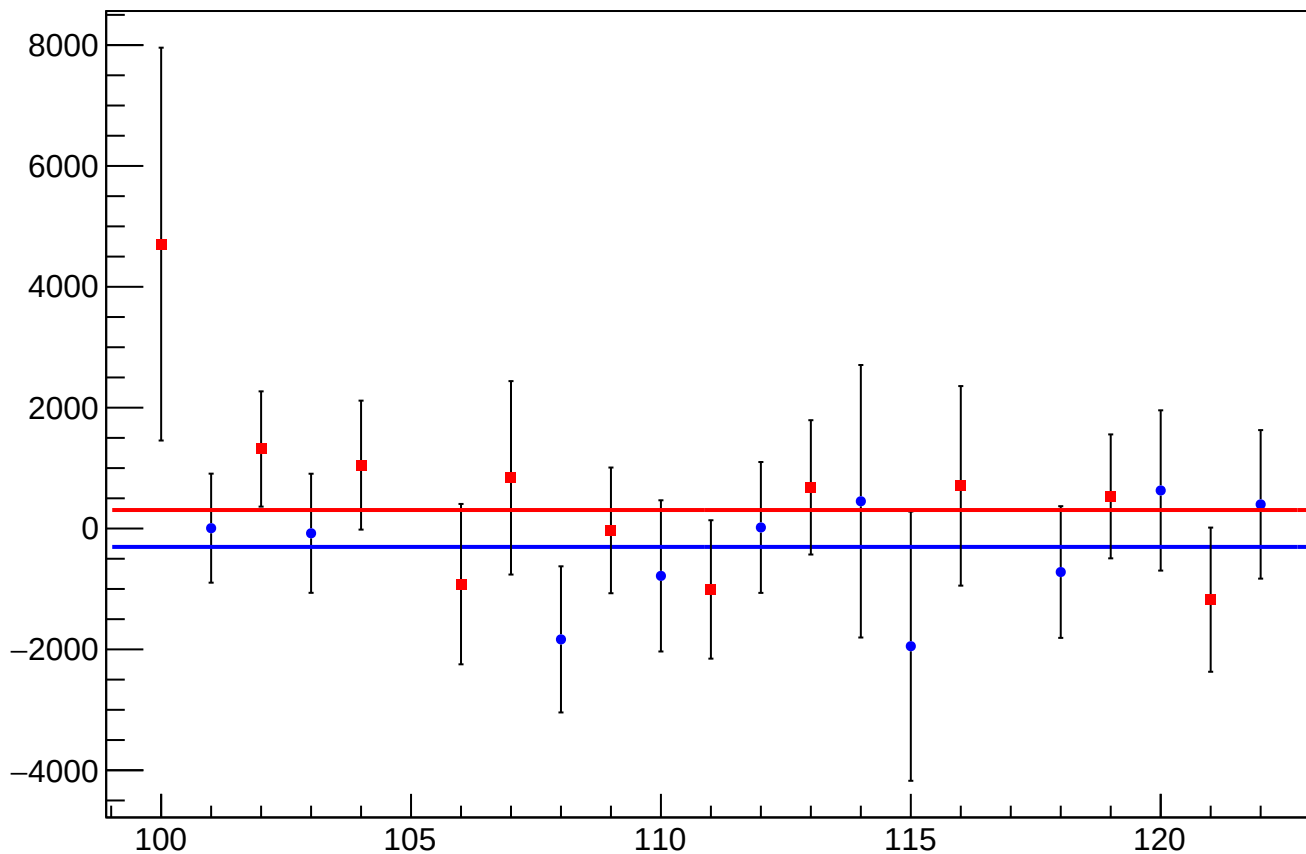
Right: 661.068+/-0.167 χ^2/NDF : 1465409.4/20

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

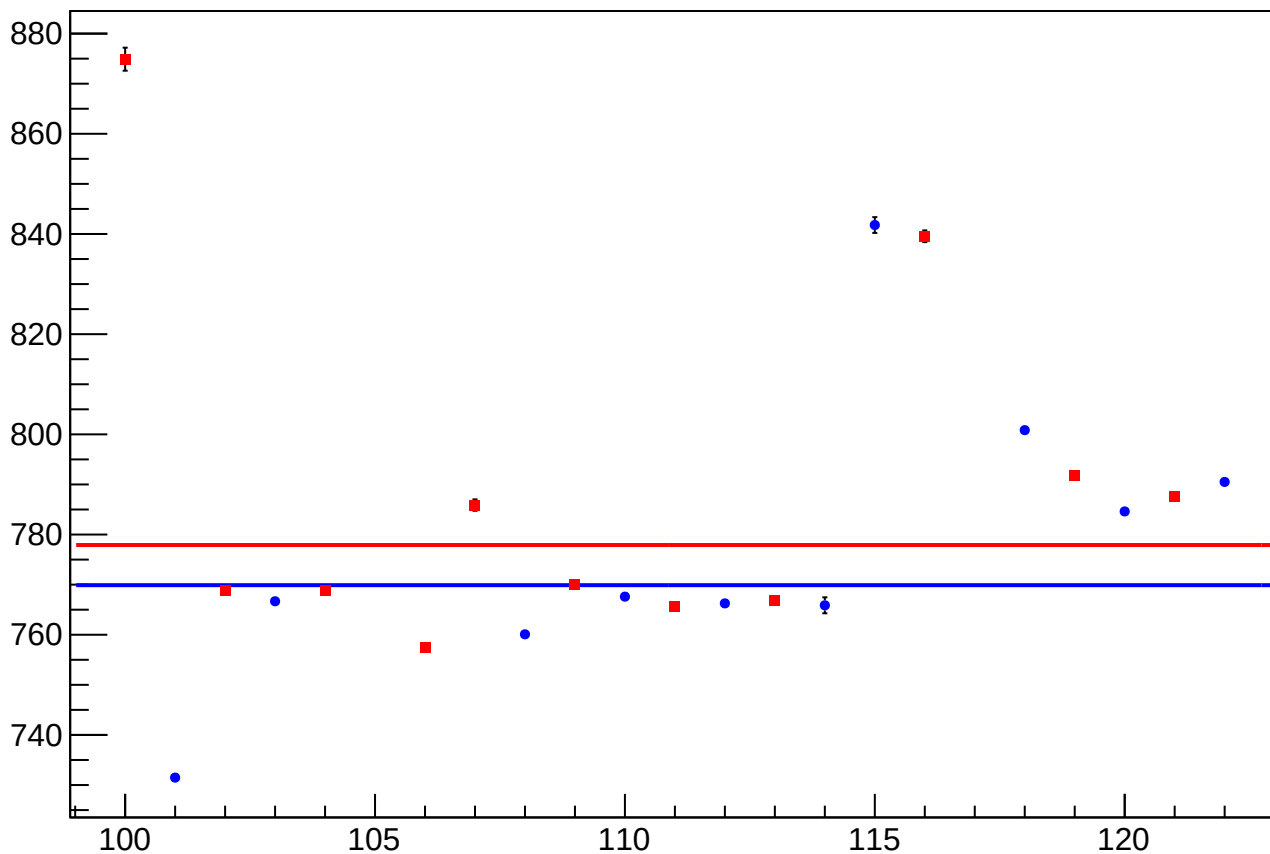
Right: 14.550+/-263.043 χ^2 /NDF: 12.6/20

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+/-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

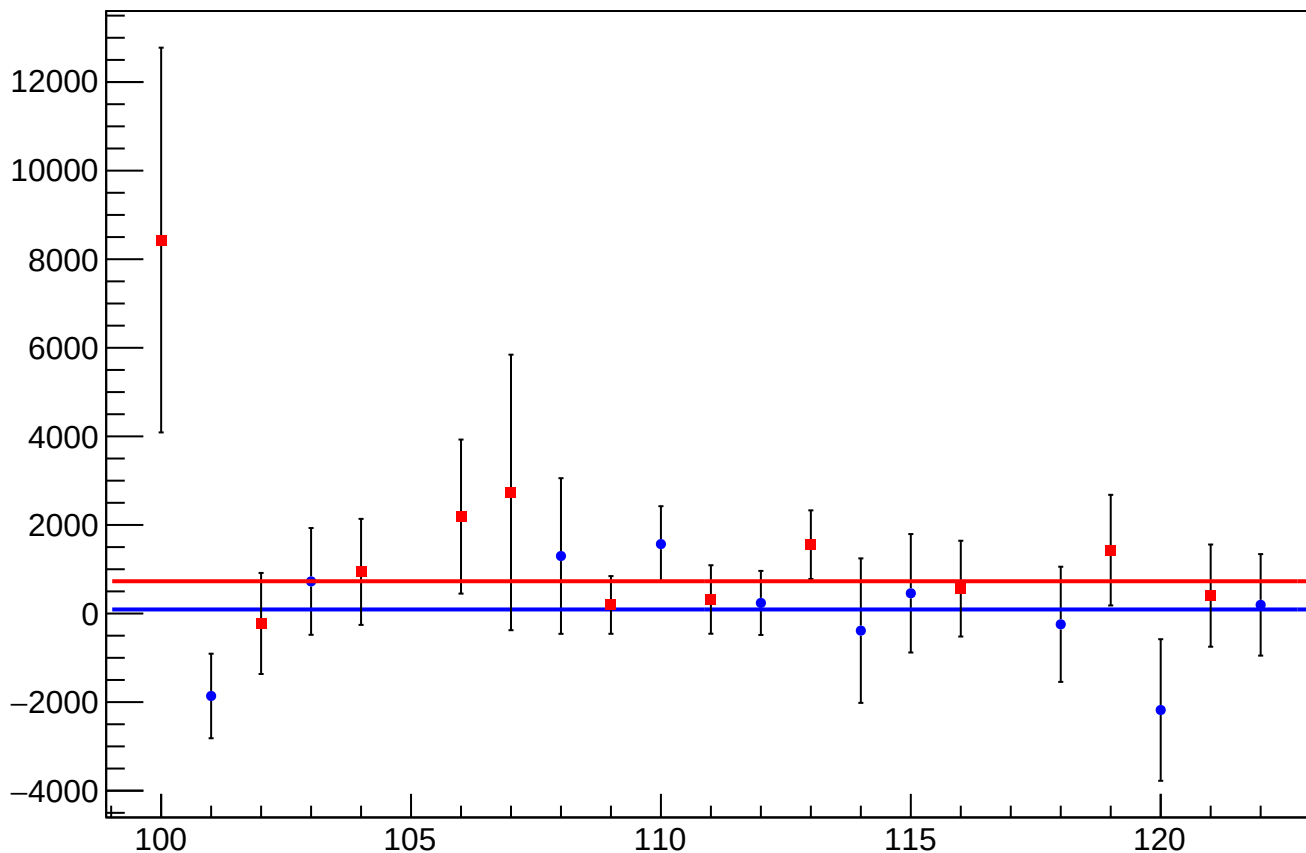
Right: 774.080+/-0.186 χ^2/NDF : 15240.5/20

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_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

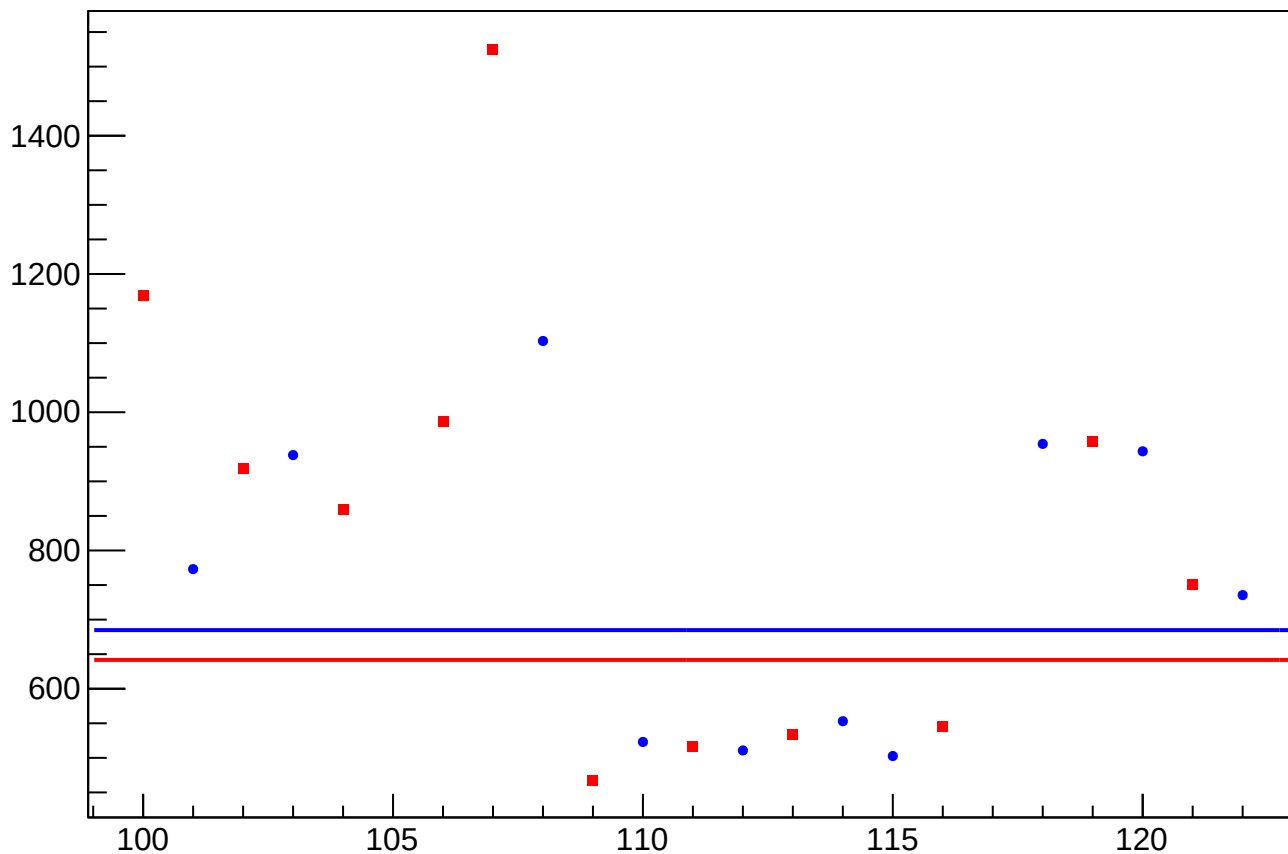
Right: 442.886+/-235.957 χ^2/NDF : 19.5/20

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

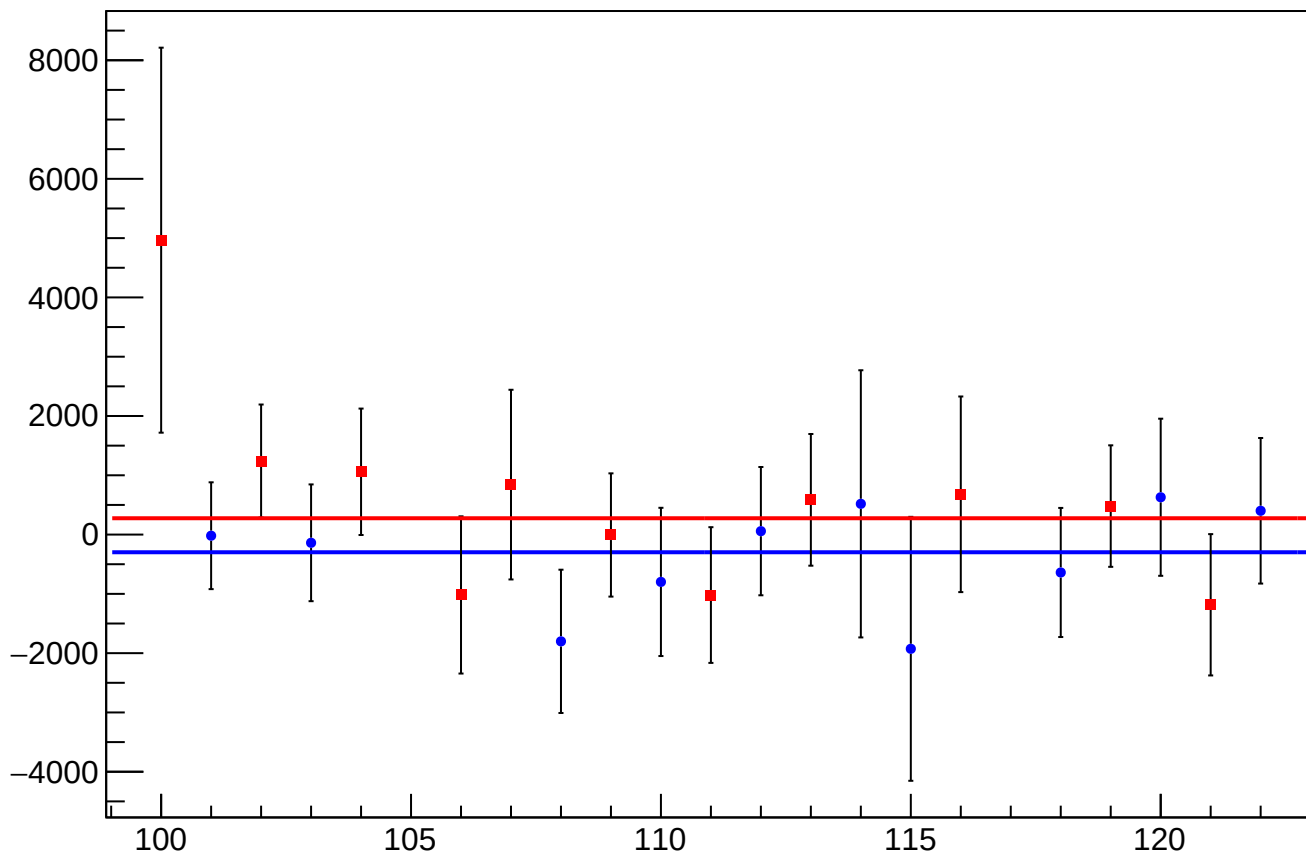
Right: 661.068+/-0.167 χ^2/NDF : 1465409.4/20

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

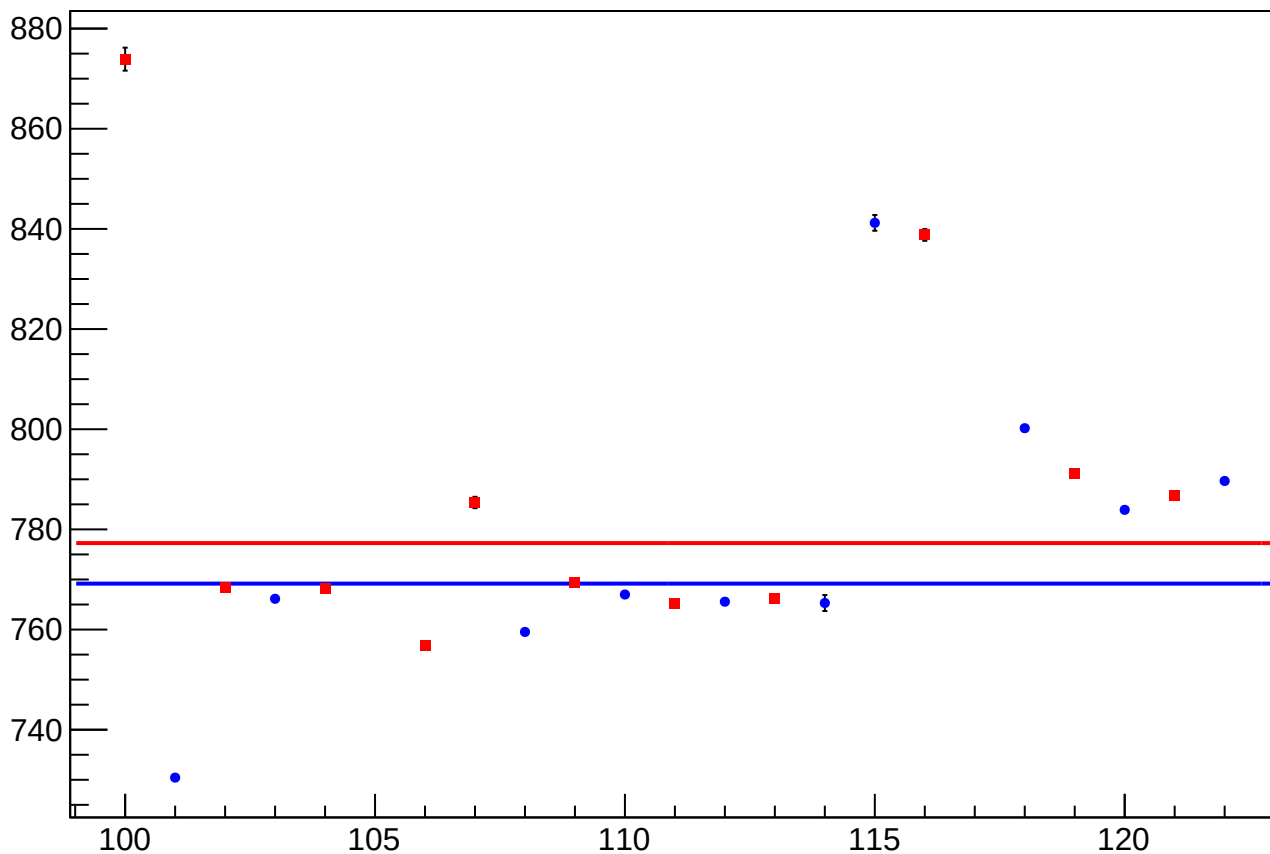
Right: 1.342+/-262.812 χ^2 /NDF: 12.5/20

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

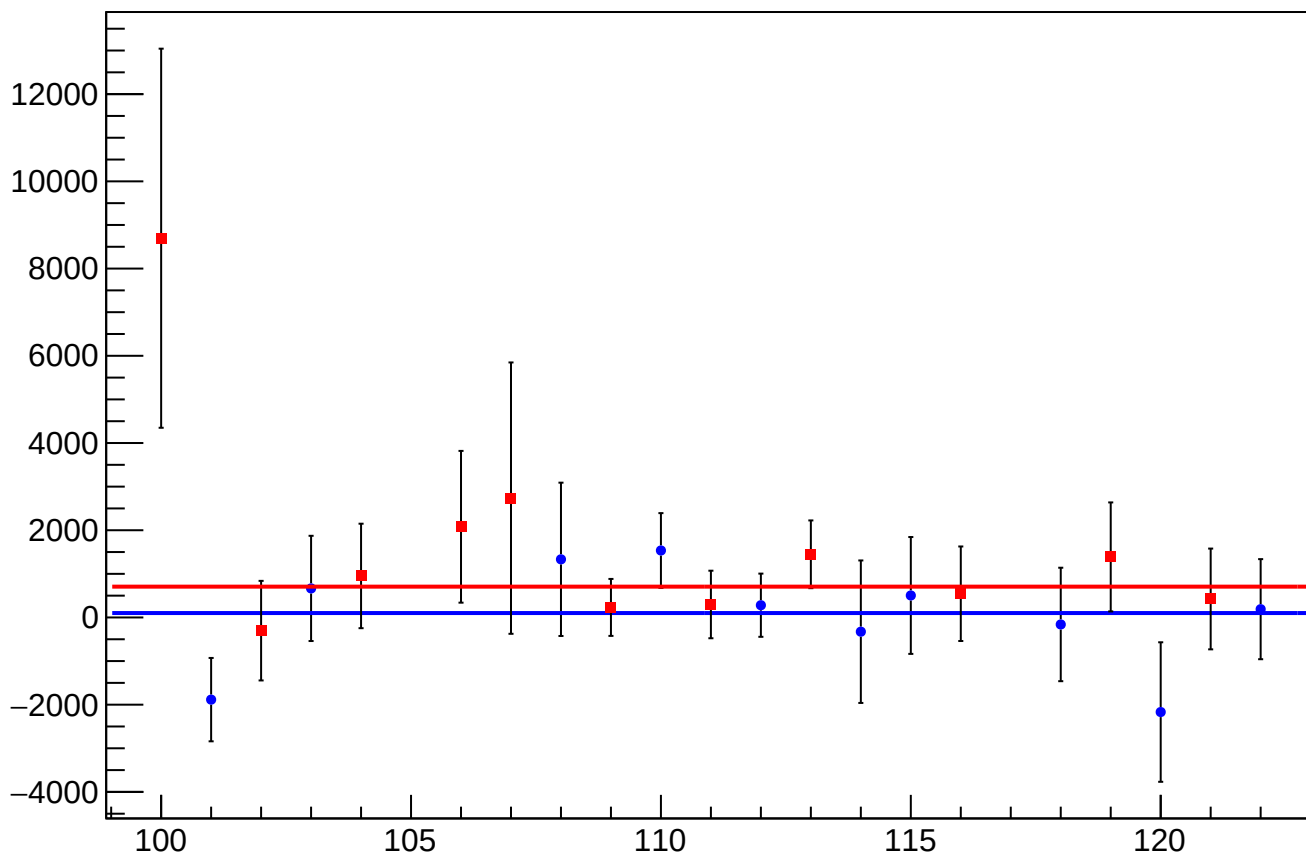
Right: 773.399+/-0.186 χ^2/NDF : 15311.0/20

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

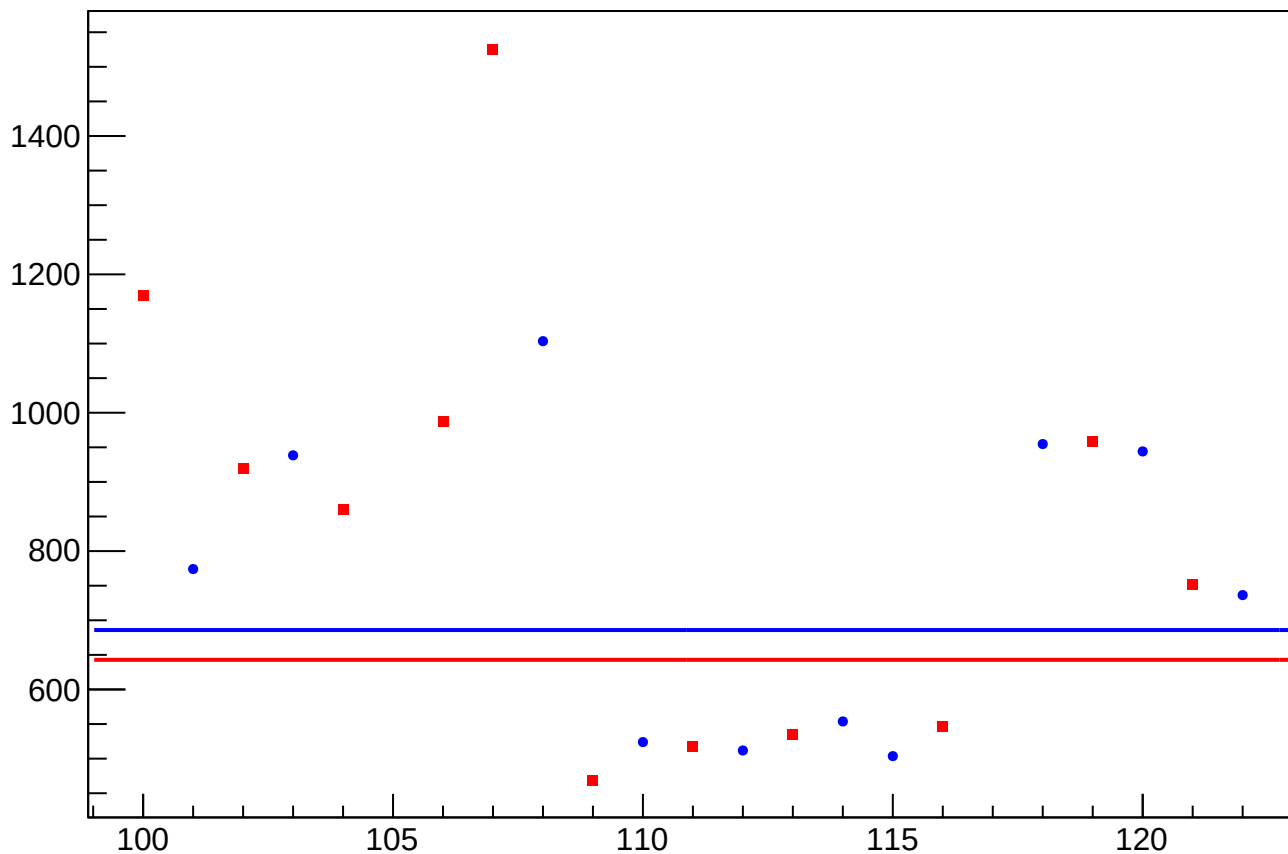
Right: 434.569+/-236.312 χ^2/NDF : 19.1/20

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

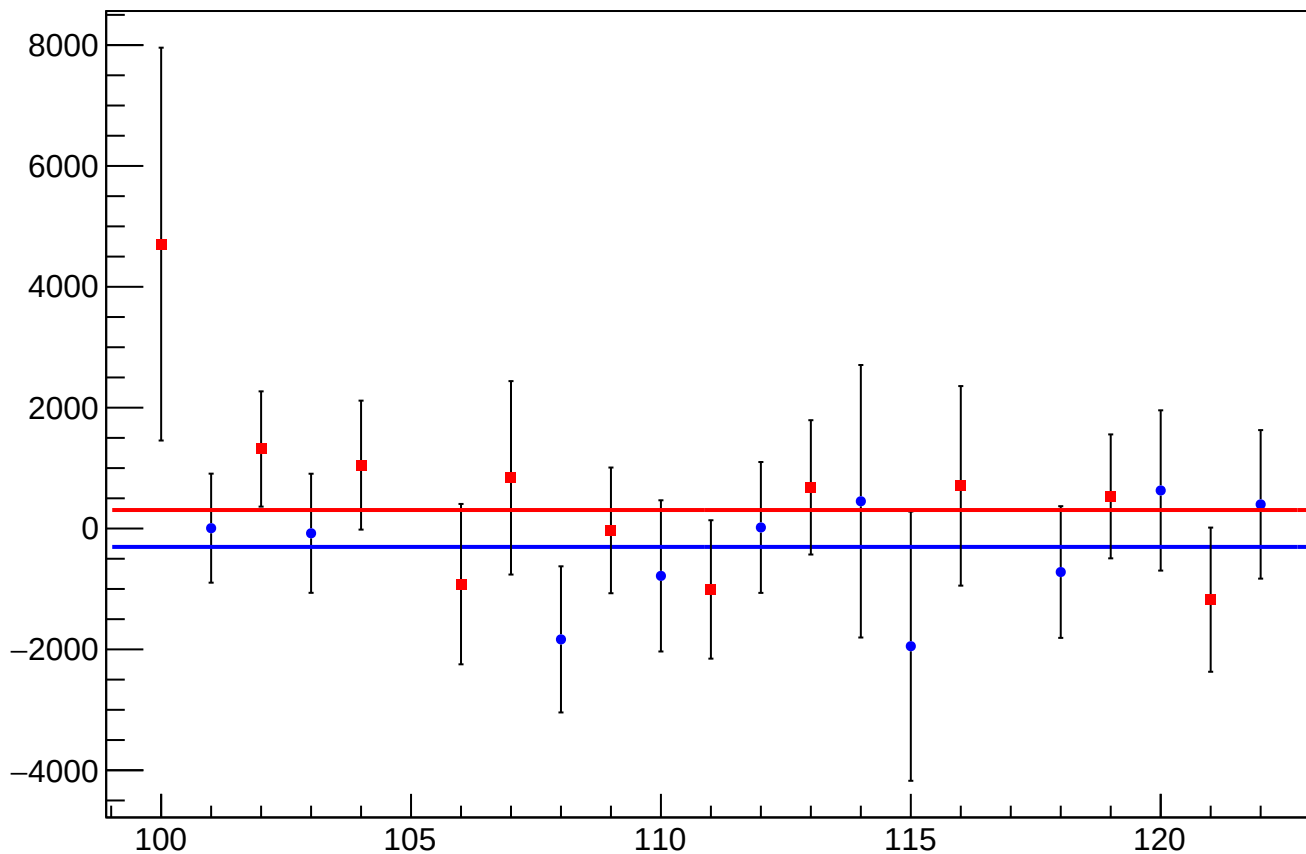
Right: 662.203+/-0.167 χ^2/NDF : 1459498.8/20

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

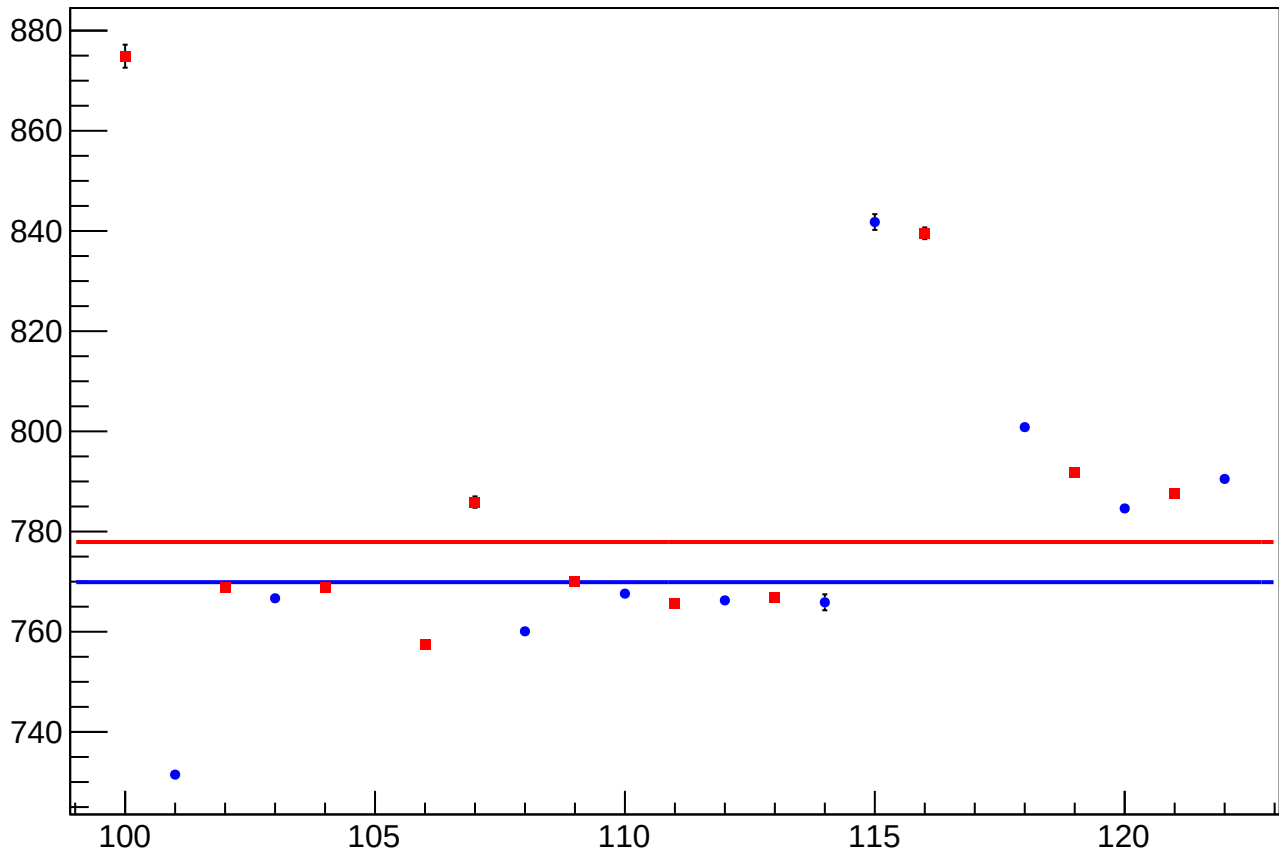
Right: 14.550+/-263.043 χ^2/NDF : 12.6/20

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

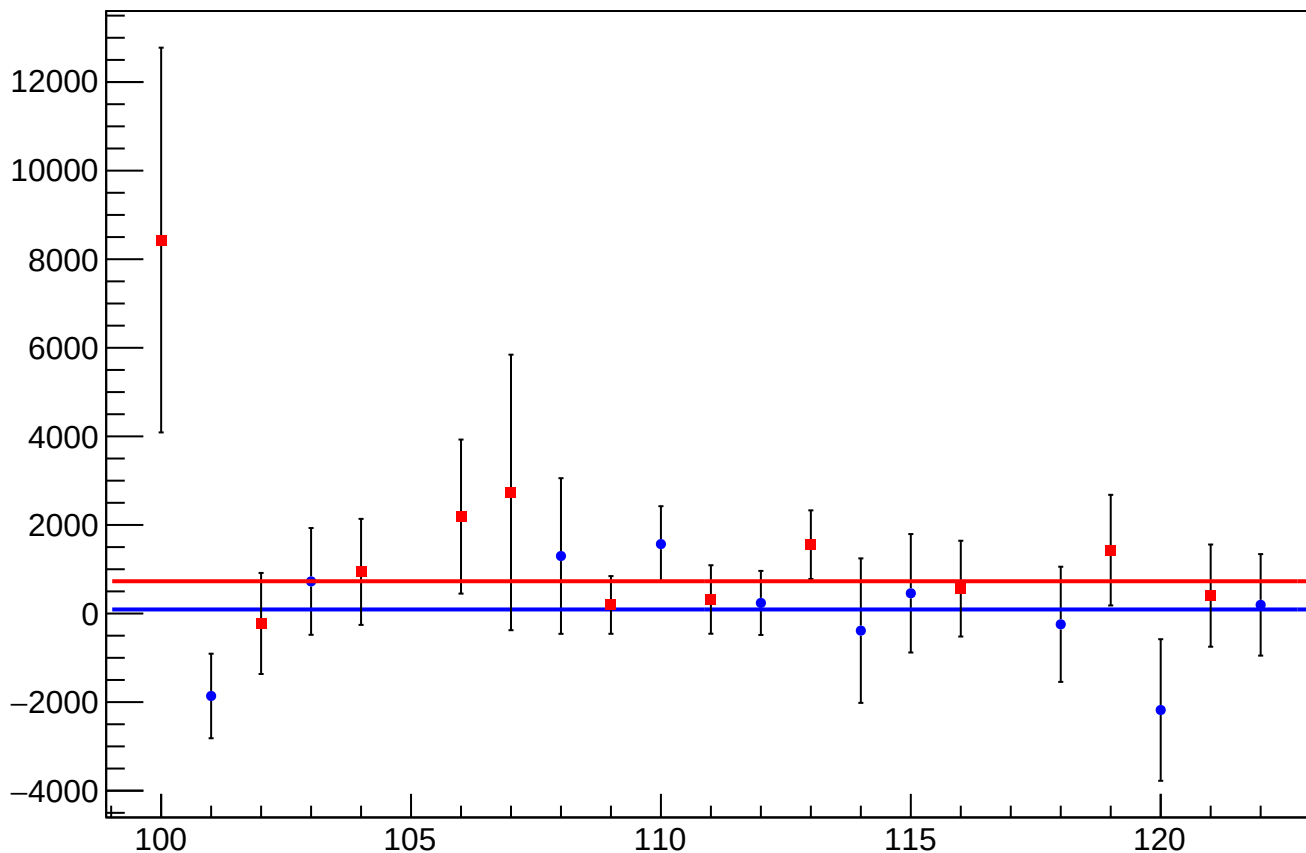
Right: 774.080 $\pm$ 0.186 χ^2 /NDF: 15240.5/20

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

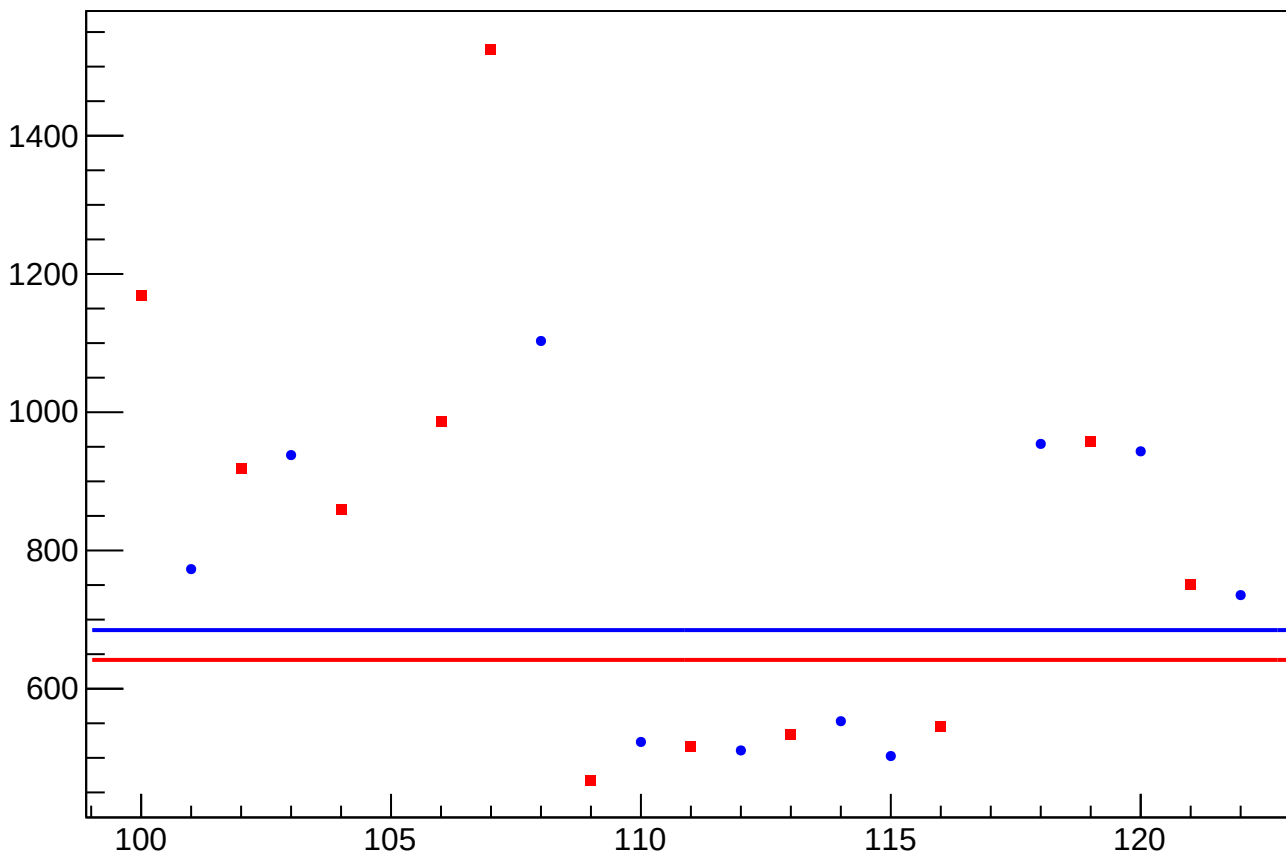
Right: 442.886+/-235.957 χ^2/NDF : 19.5/20

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

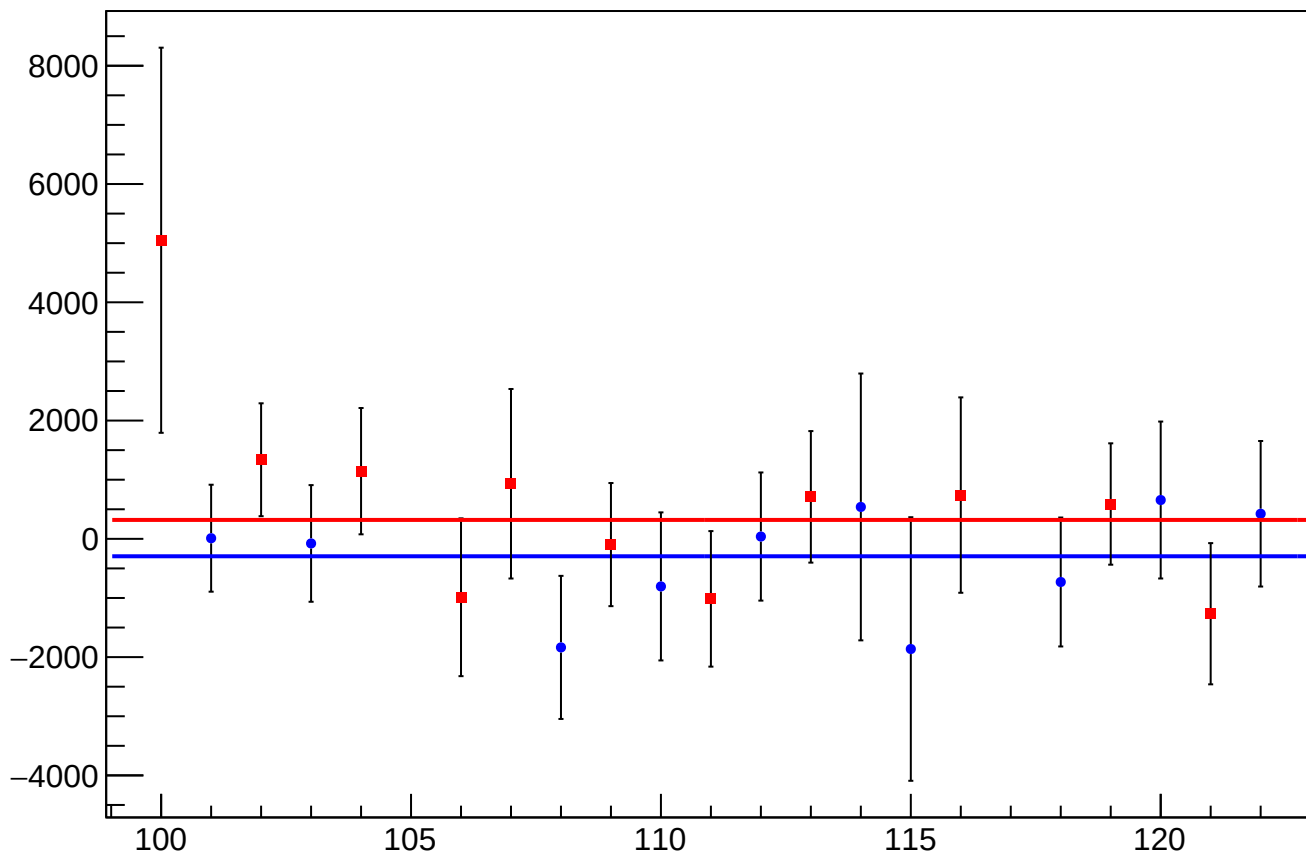
Right: 661.068+/-0.167 χ^2/NDF : 1465409.4/20

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

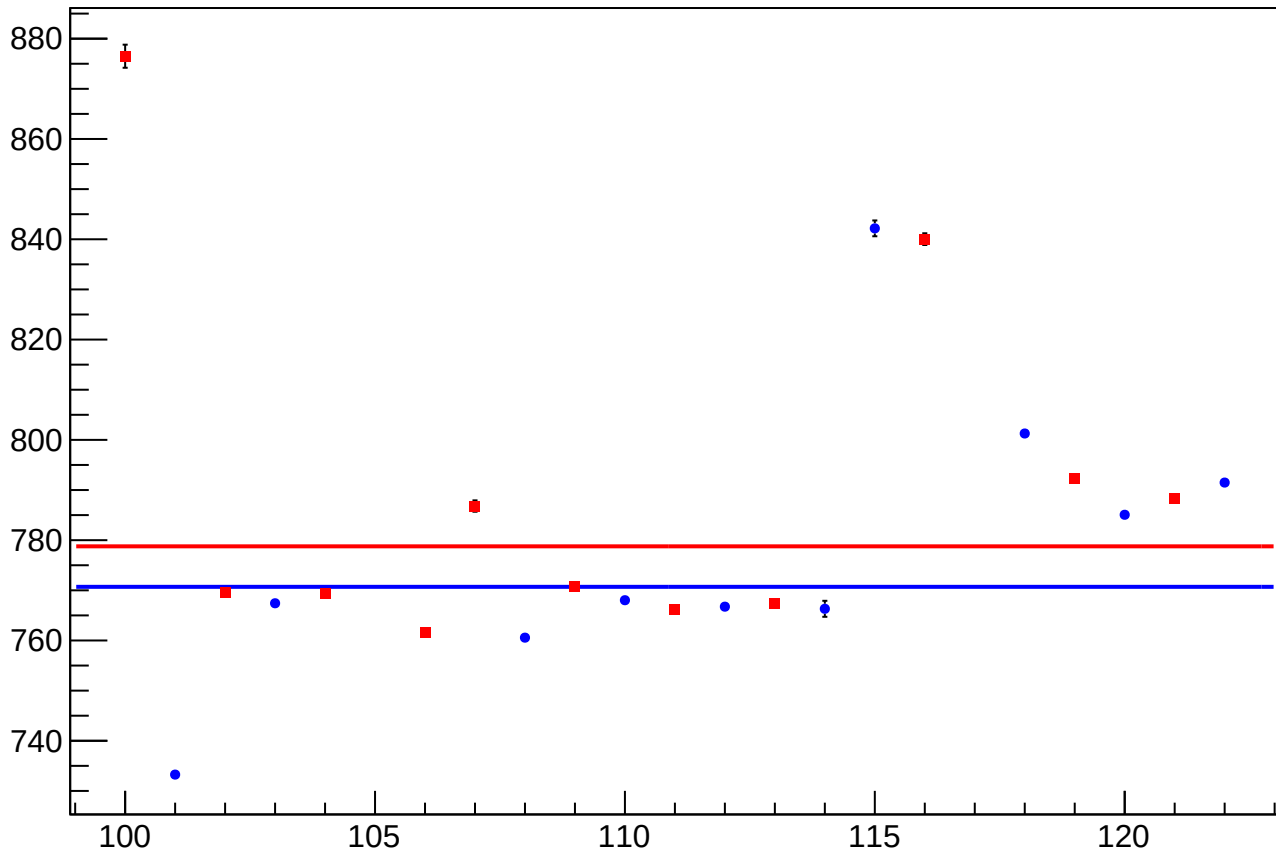
Right: 26.209+/-263.323 χ^2/NDF : 13.5/20

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 $\pm$ 0.269 χ^2 /NDF: 8070.1/9

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

Right Out: 778.772 $\pm$ 0.258 χ^2 /NDF: 6328.1/10

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

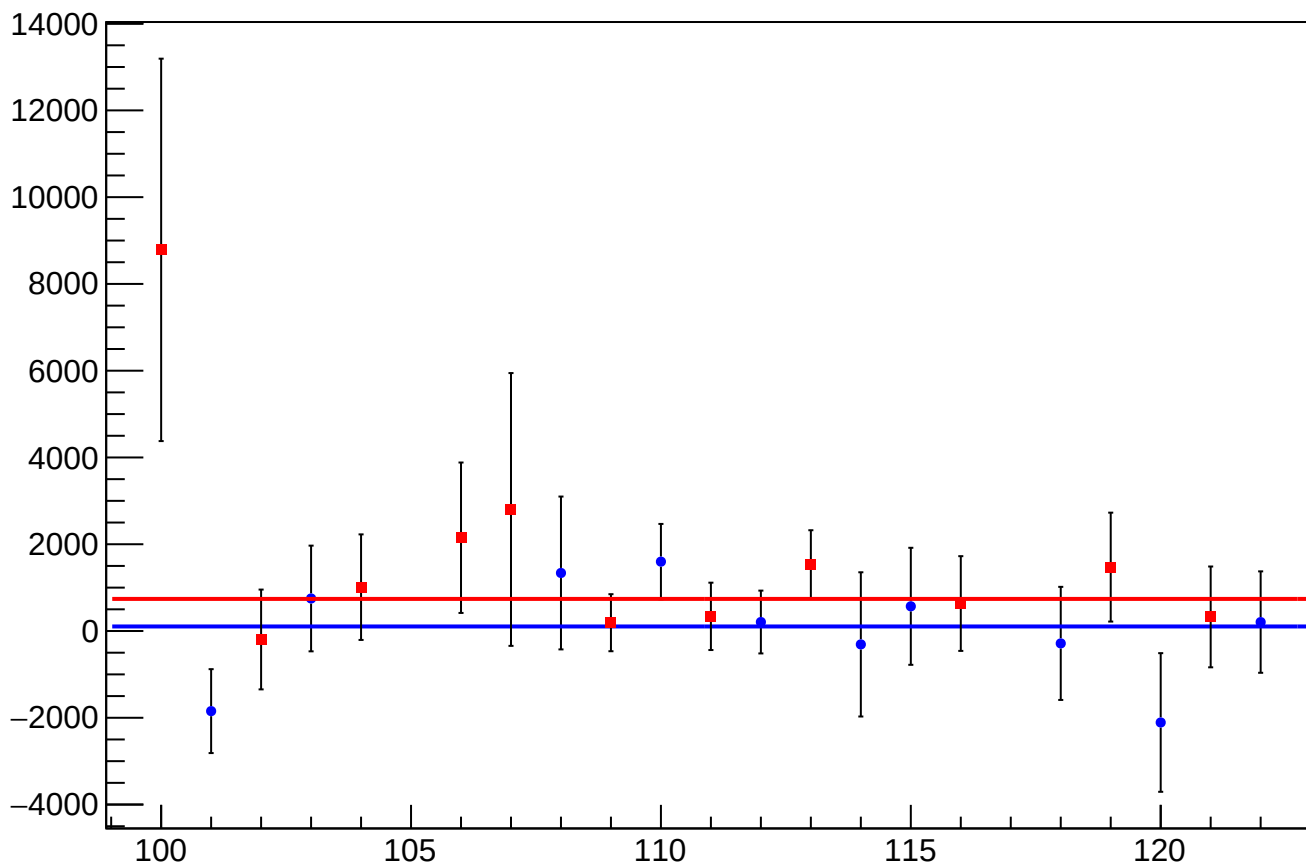
Right: 774.914 $\pm$ 0.186 χ^2 /NDF: 14867.4/20

In: 770.698 $\pm$ 0.269 χ^2 /NDF:8070.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 774.914 $\pm$ 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

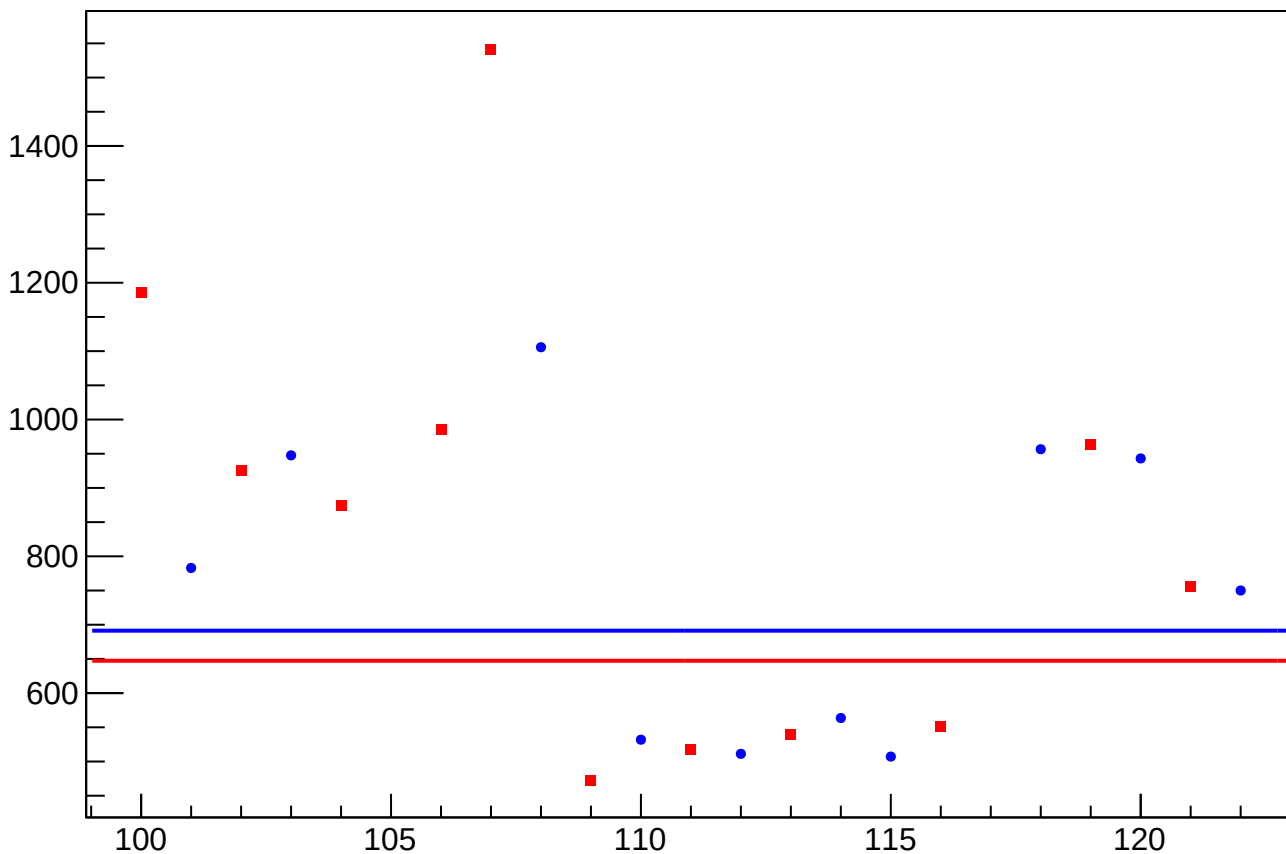
Right: 454.864+/-238.008 χ^2/NDF : 19.4/20

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

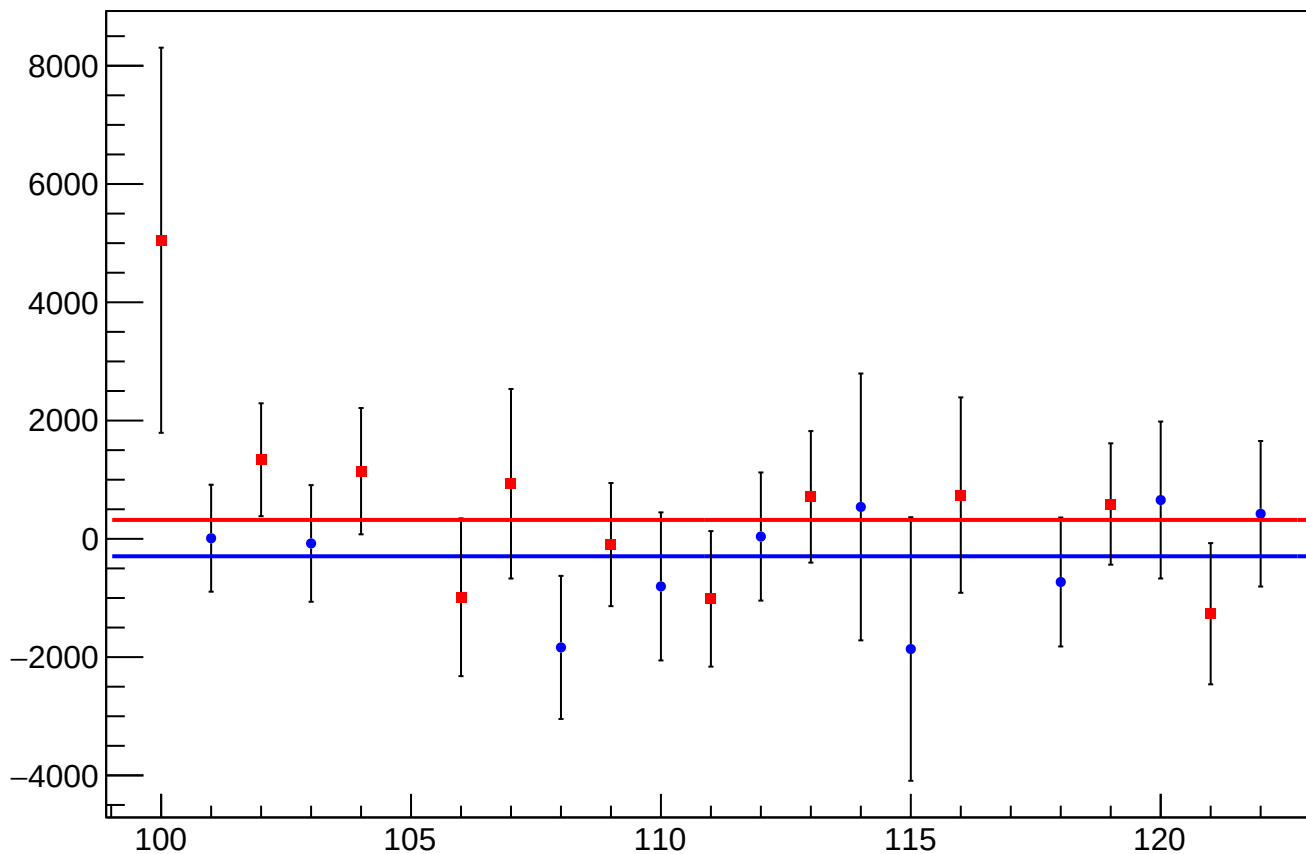
Right: 667.072+/-0.168 χ^2/NDF : 1461643.4/20

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

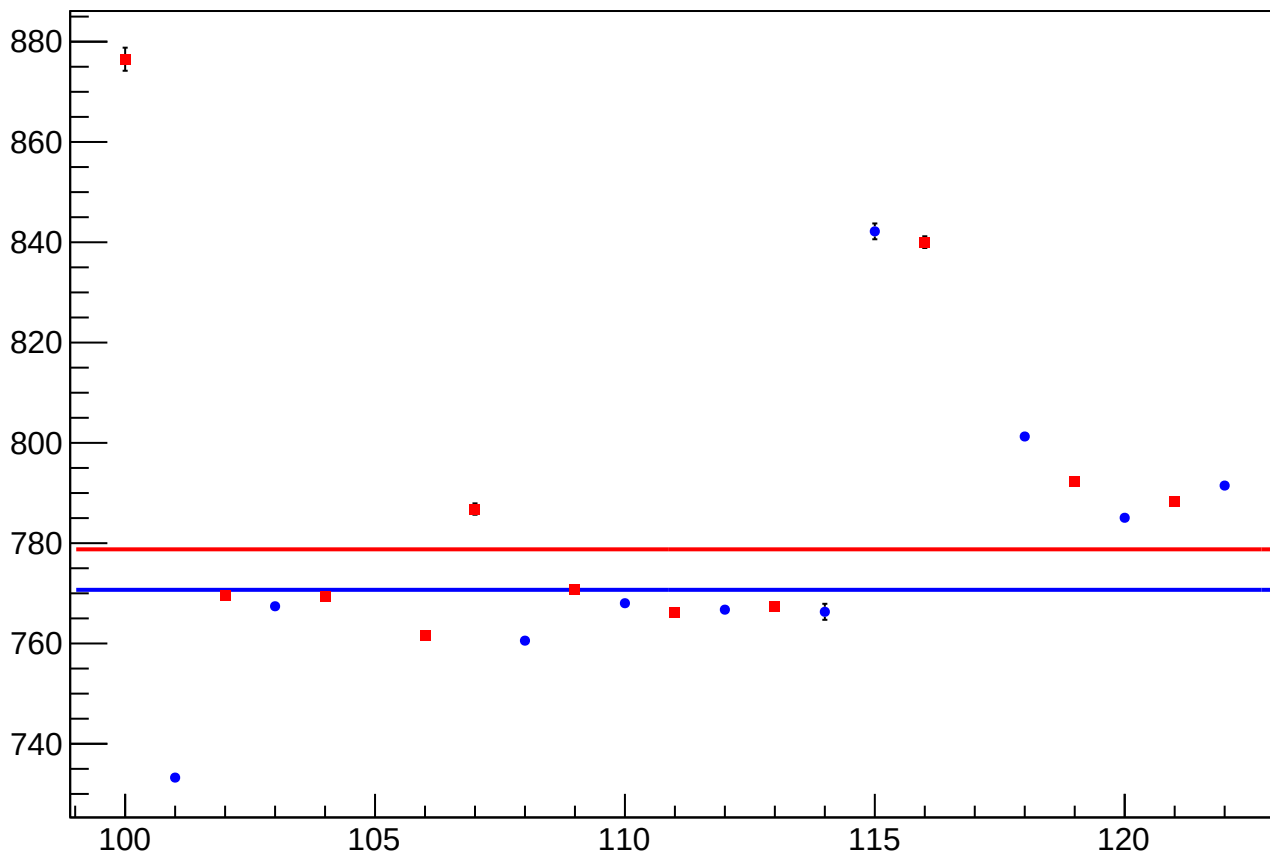
Right: 26.207+/-263.323 χ^2/NDF : 13.5/20

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

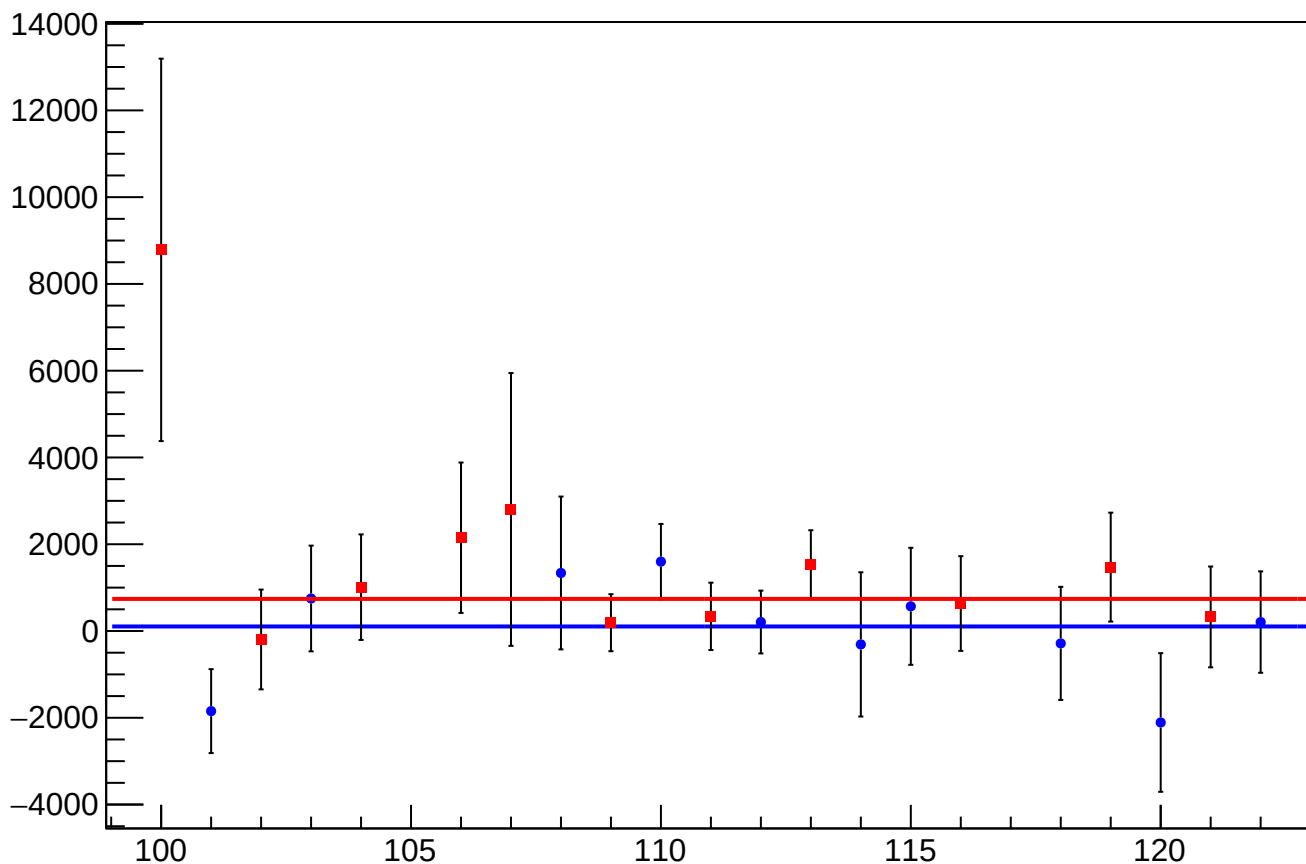
Right: 774.914+/-0.186 χ^2/NDF : 14867.4/20

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

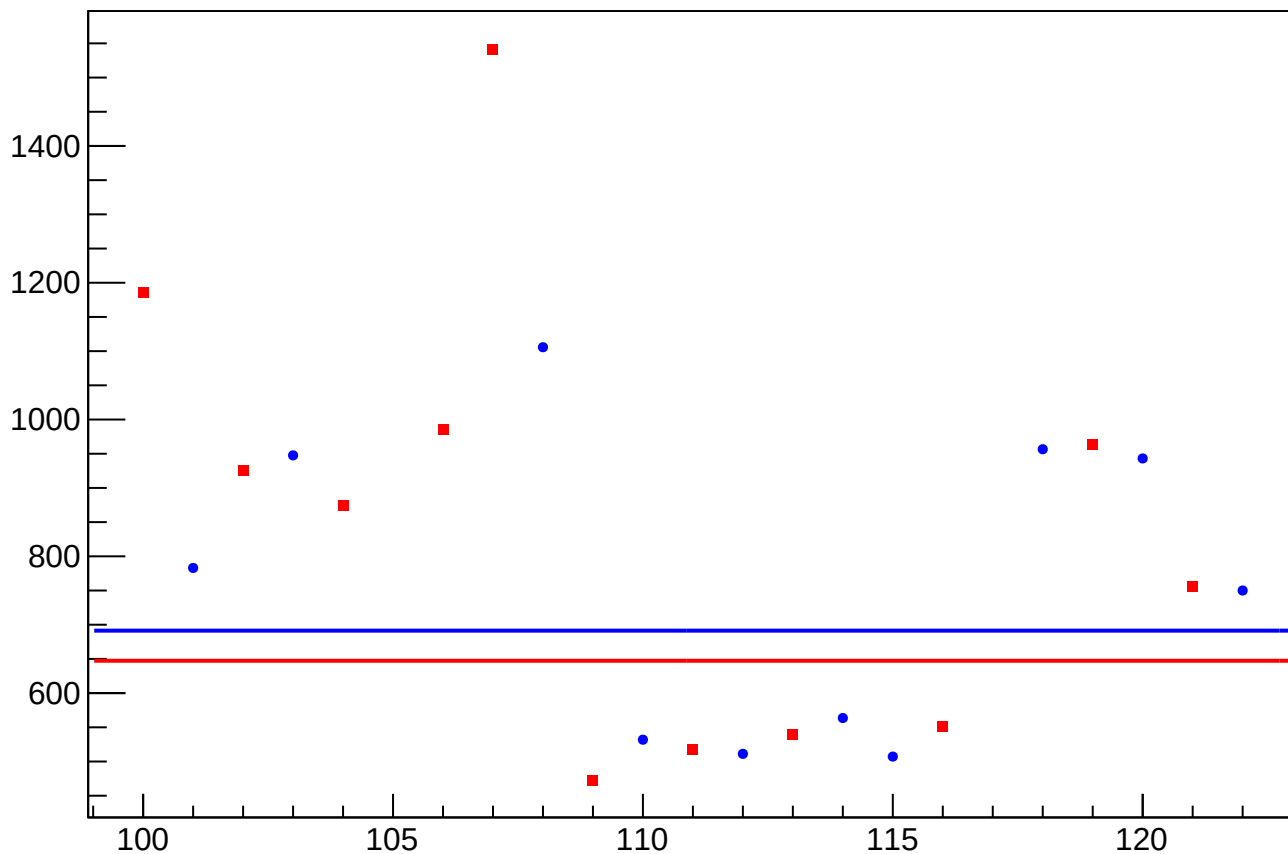
Right: 454.862+/-238.006 χ^2/NDF : 19.4/20

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

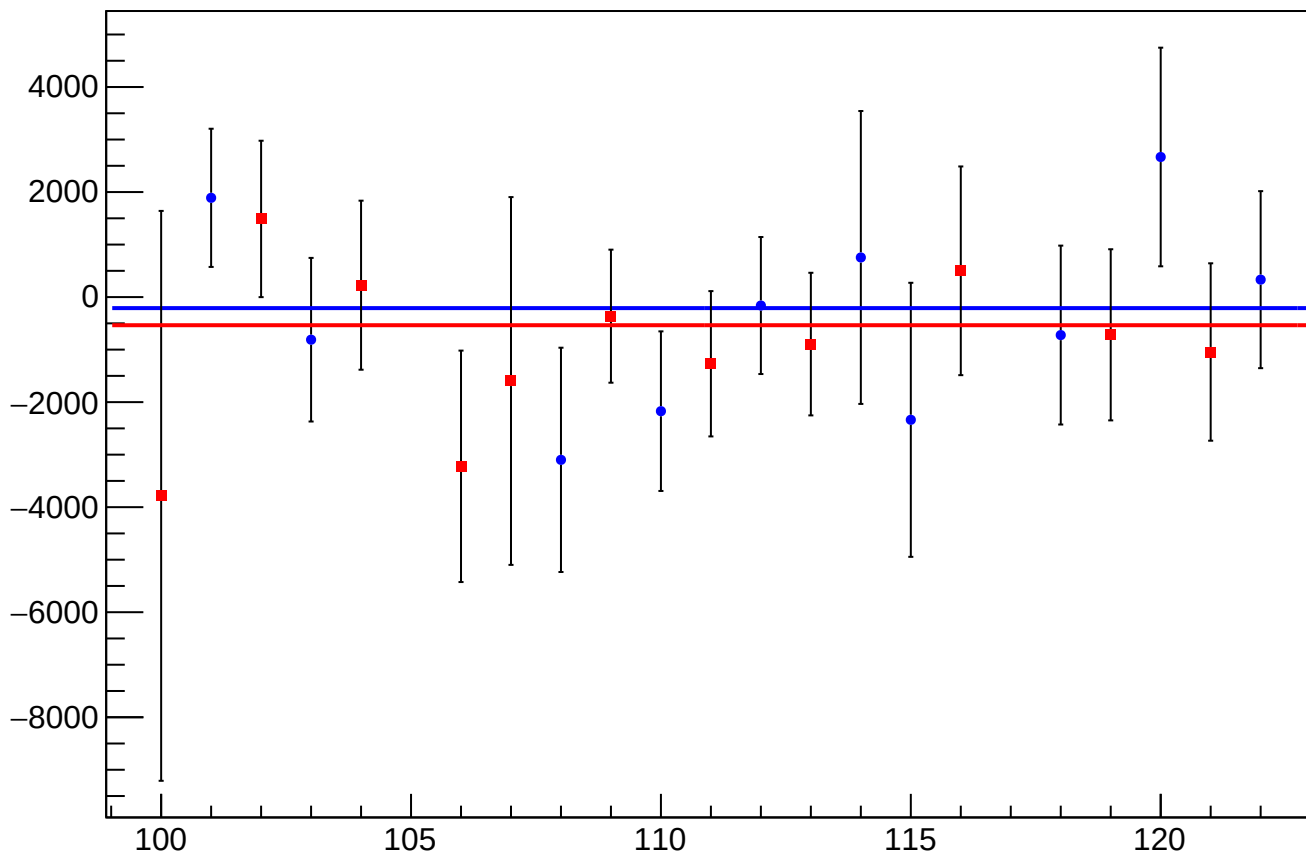
Right: 667.068+/-0.168 χ^2/NDF : 1461676.3/20

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

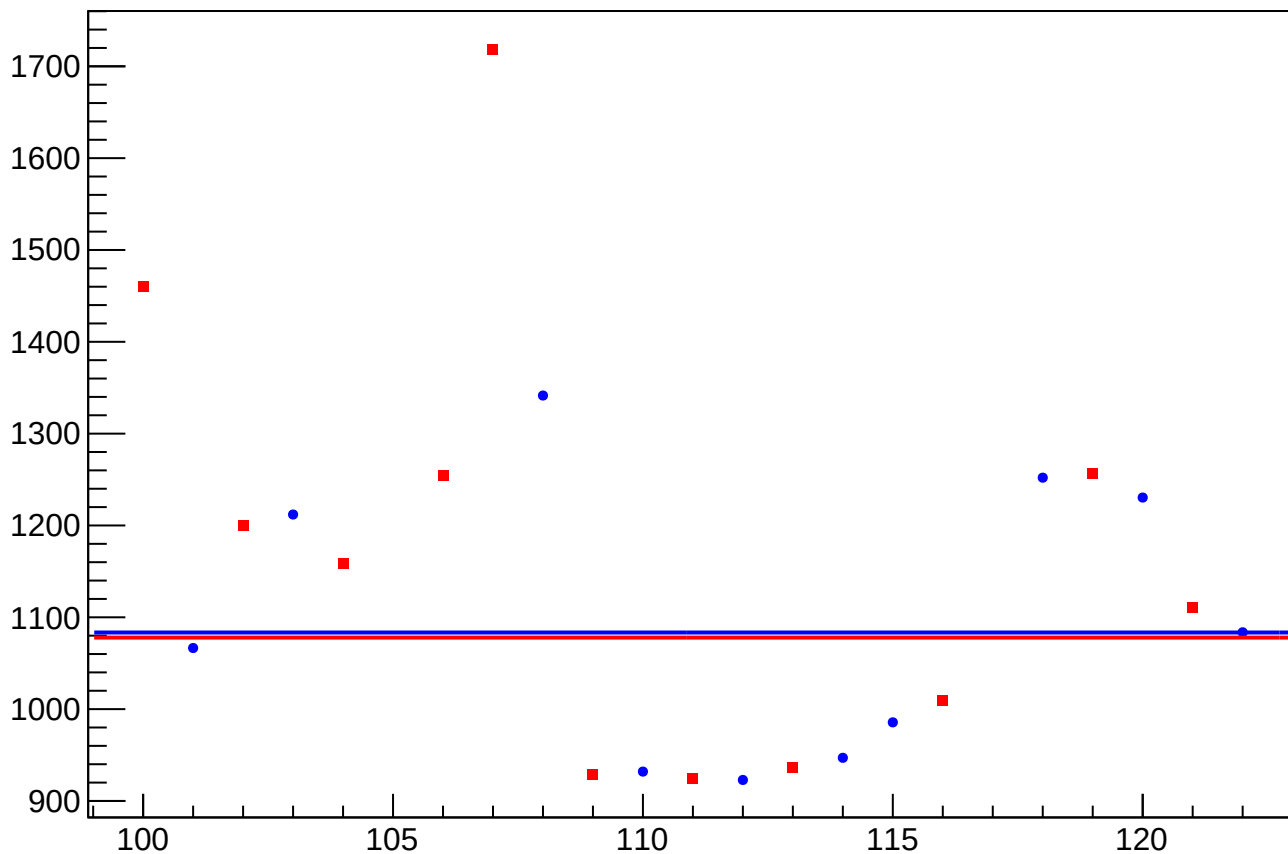
Right: -381.457+/-371.123 χ^2/NDF : 14.0/20

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

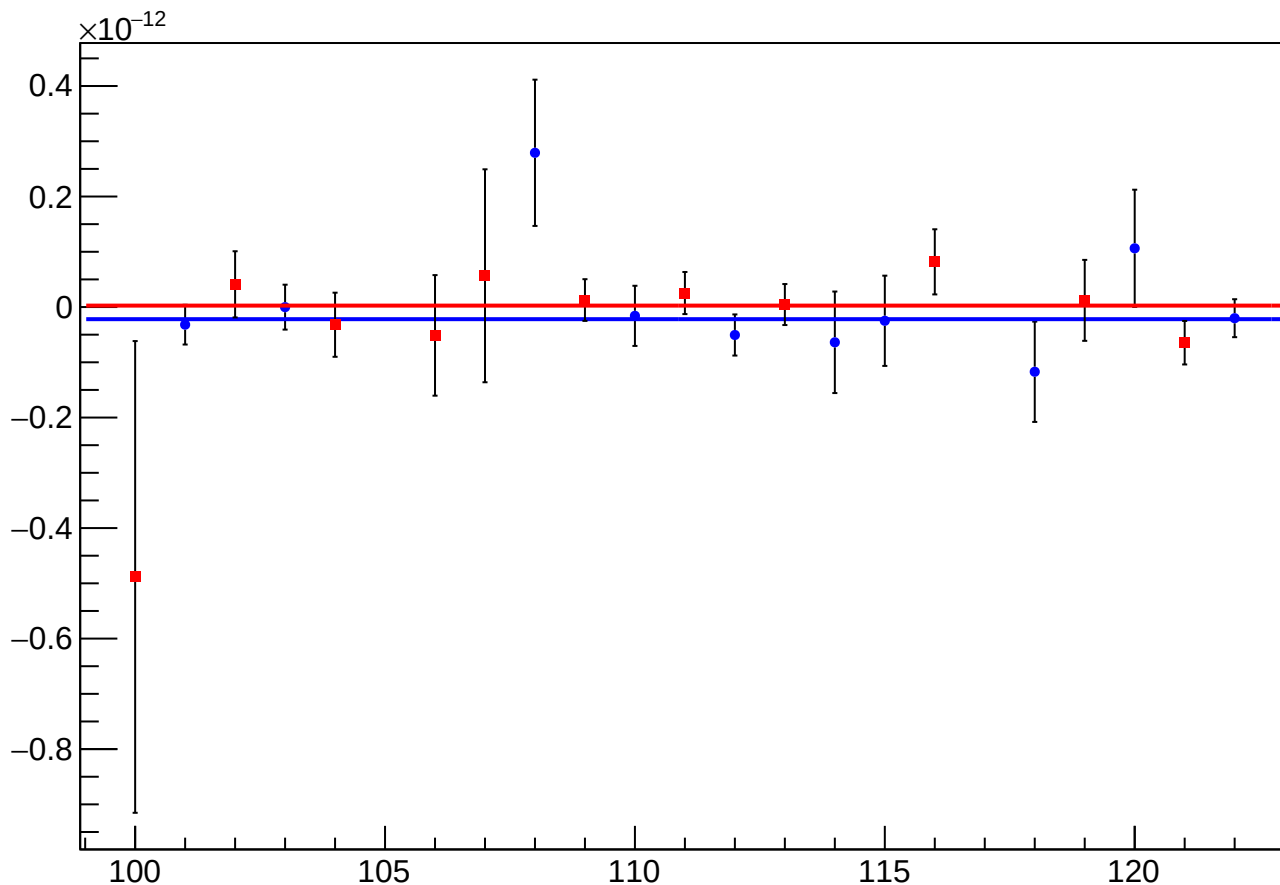
Right: 1080.533+/-0.262 χ^2/NDF : 339589.9/20

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

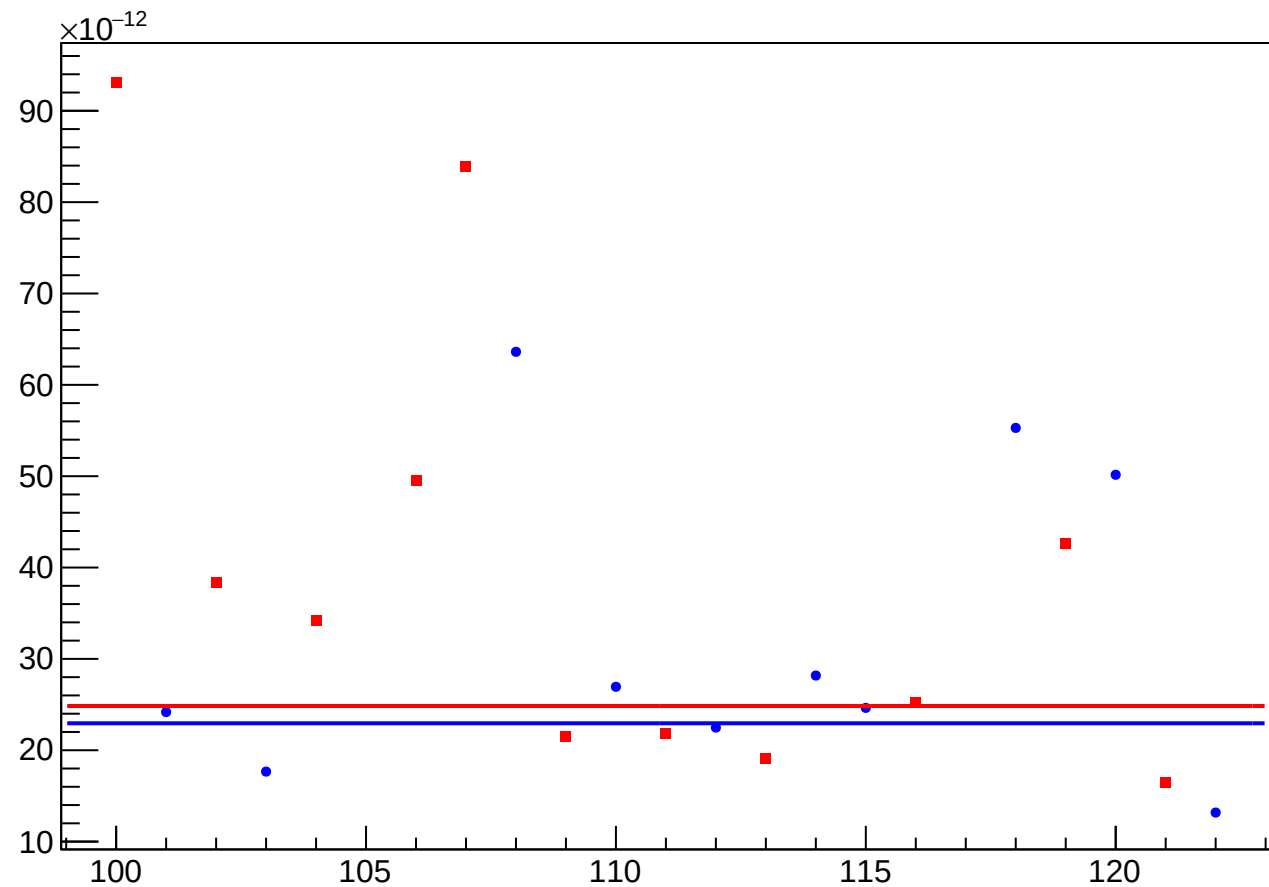
Right: -0.000+/-0.000 χ^2/NDF : 17.7/20

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

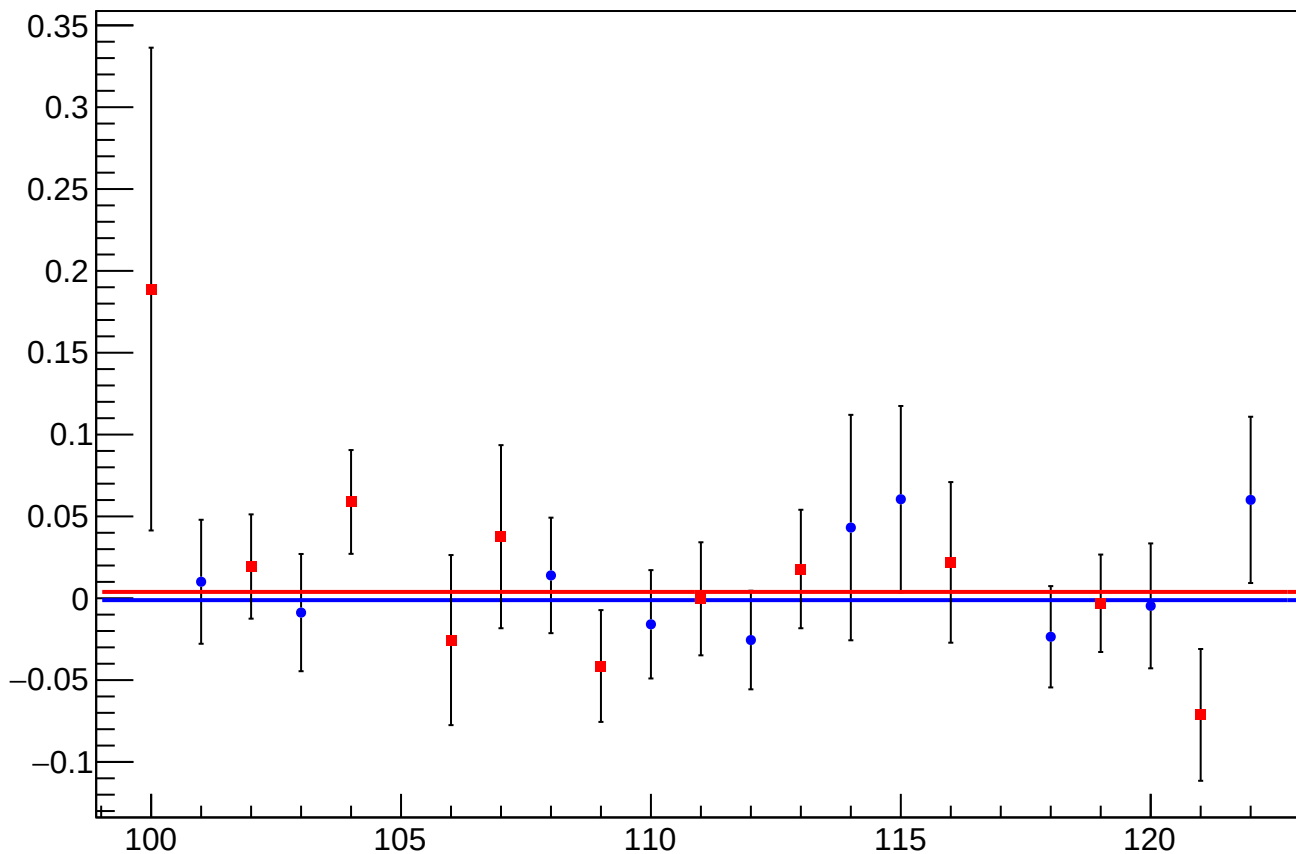
Right: 0.000+/-0.000 χ^2/NDF : 1585402.3/20

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 ± 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

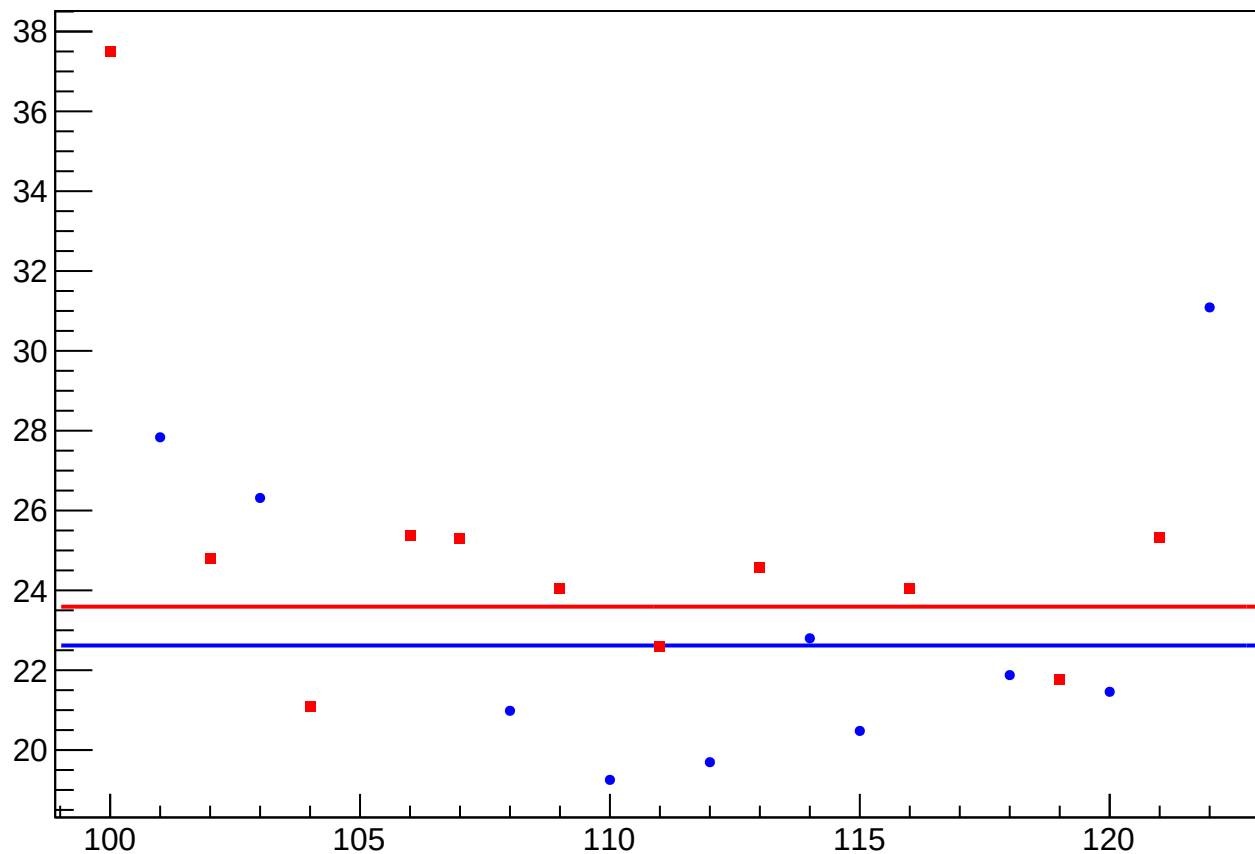
Right: 0.001 ± 0.008 χ^2/NDF : 15.9/20

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_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

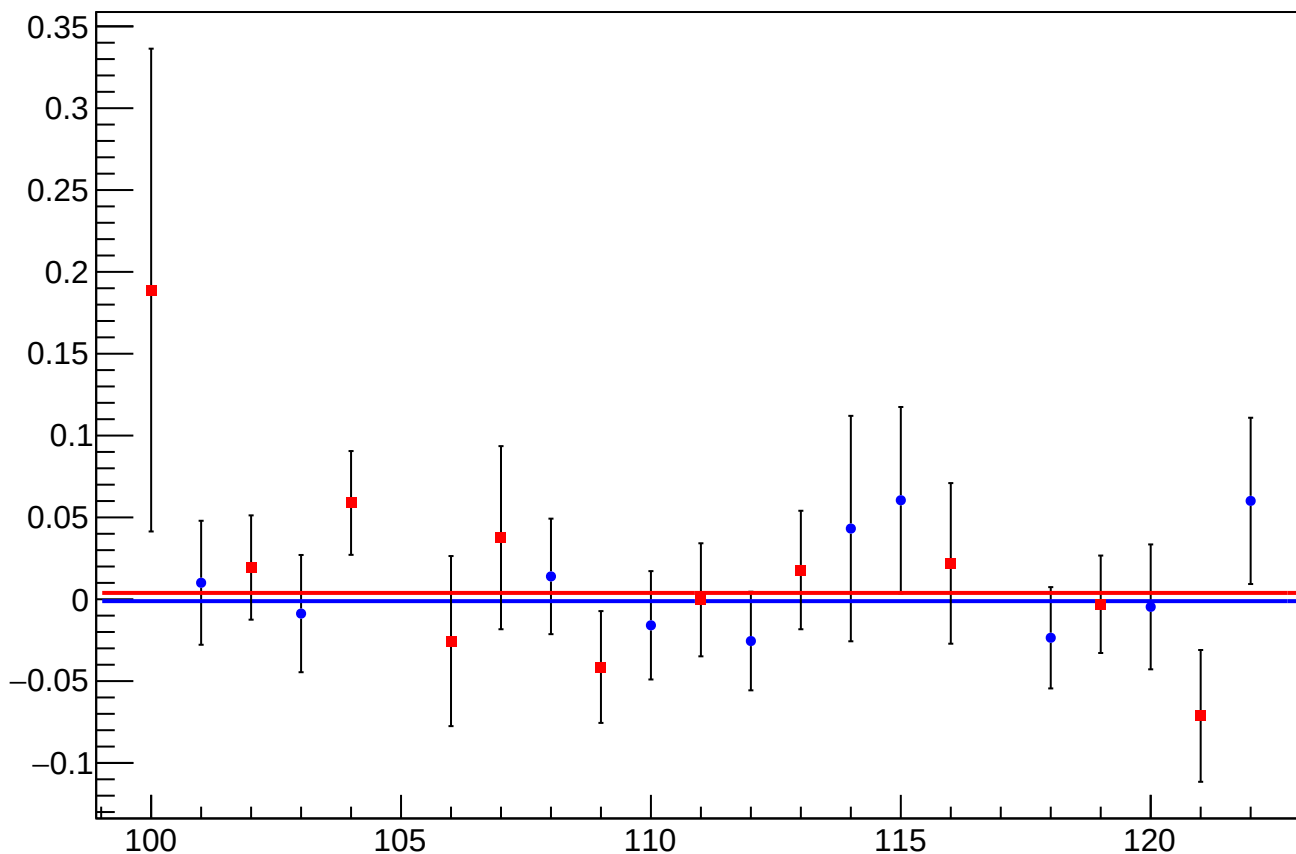
Right: 23.119+/-0.006 χ^2/NDF : 223585.9/20

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

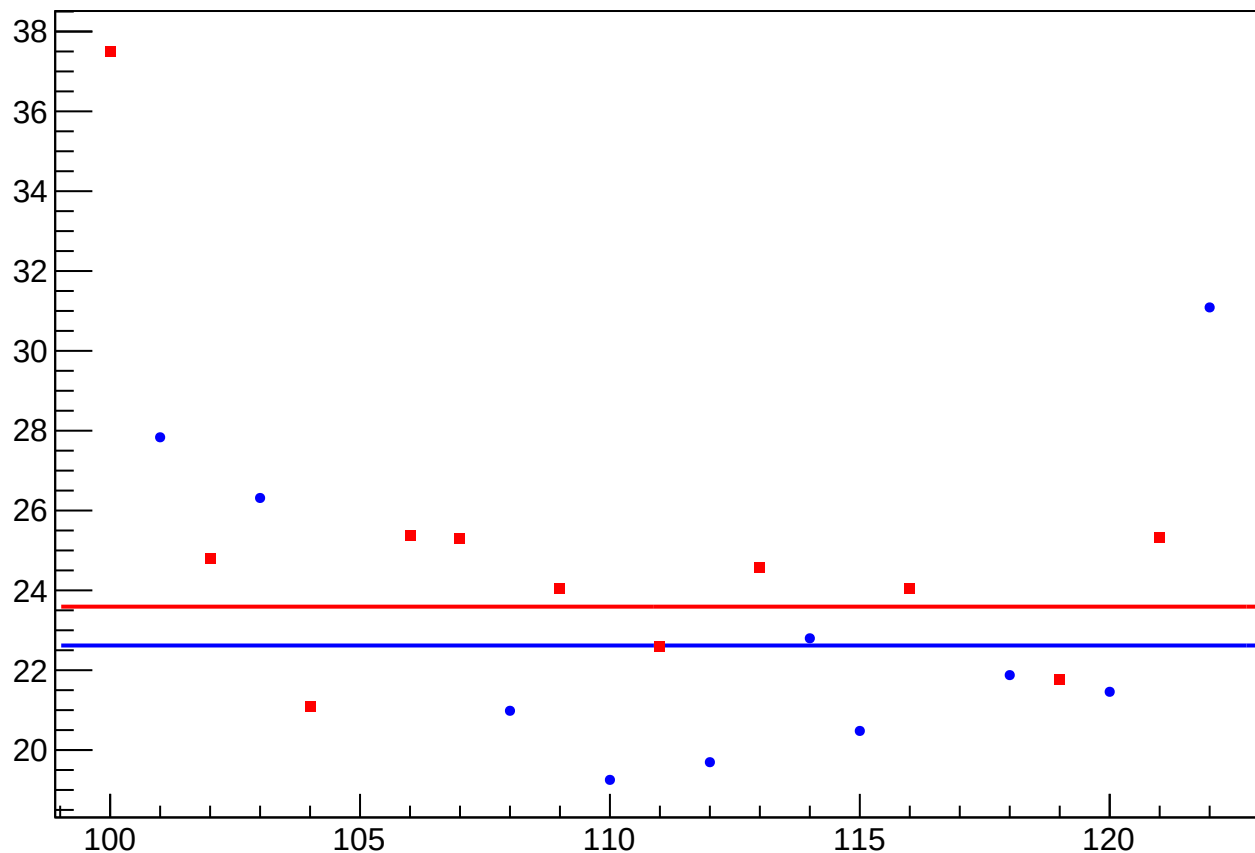
Right: 0.001 ± 0.008 χ^2/NDF : 15.9/20

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

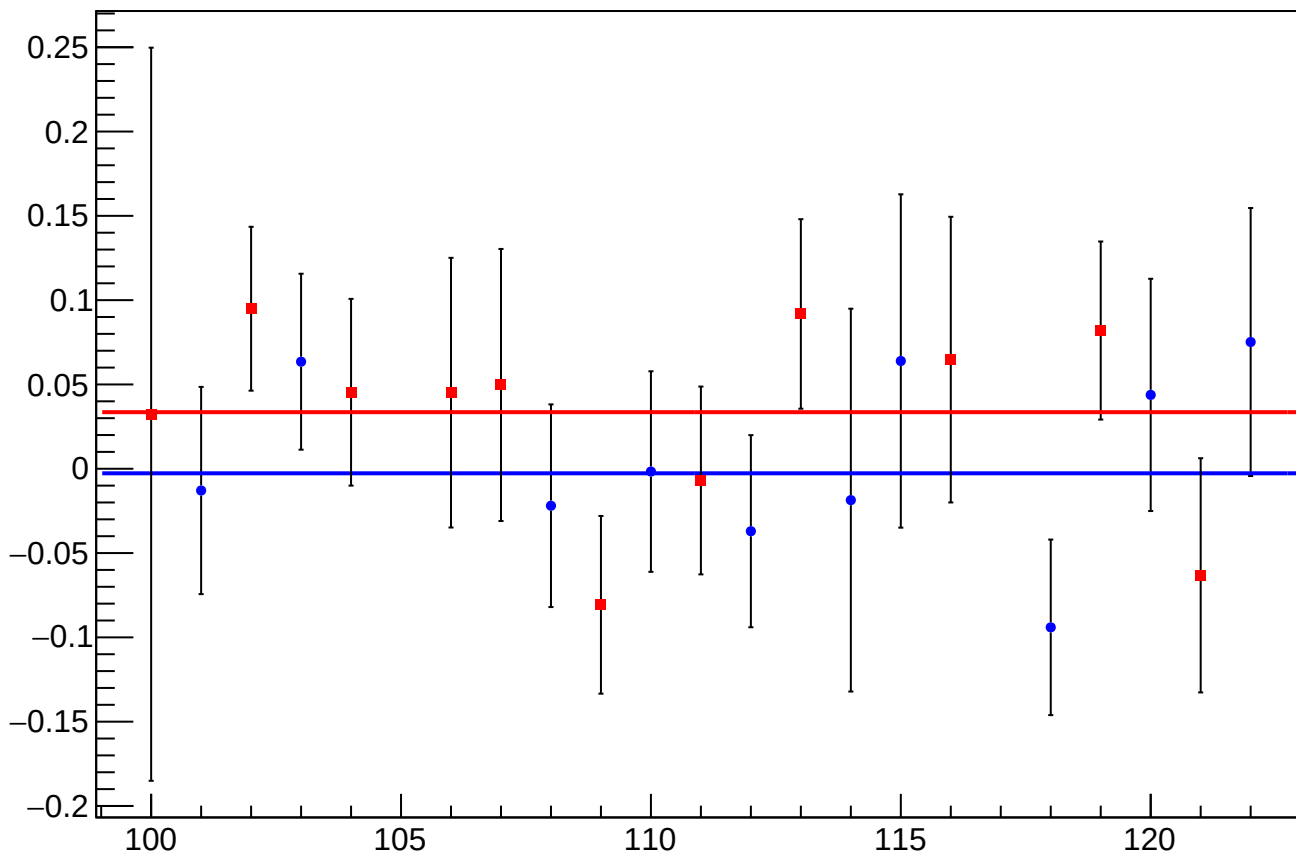
Right: 23.119+/-0.006 χ^2/NDF : 223585.9/20

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

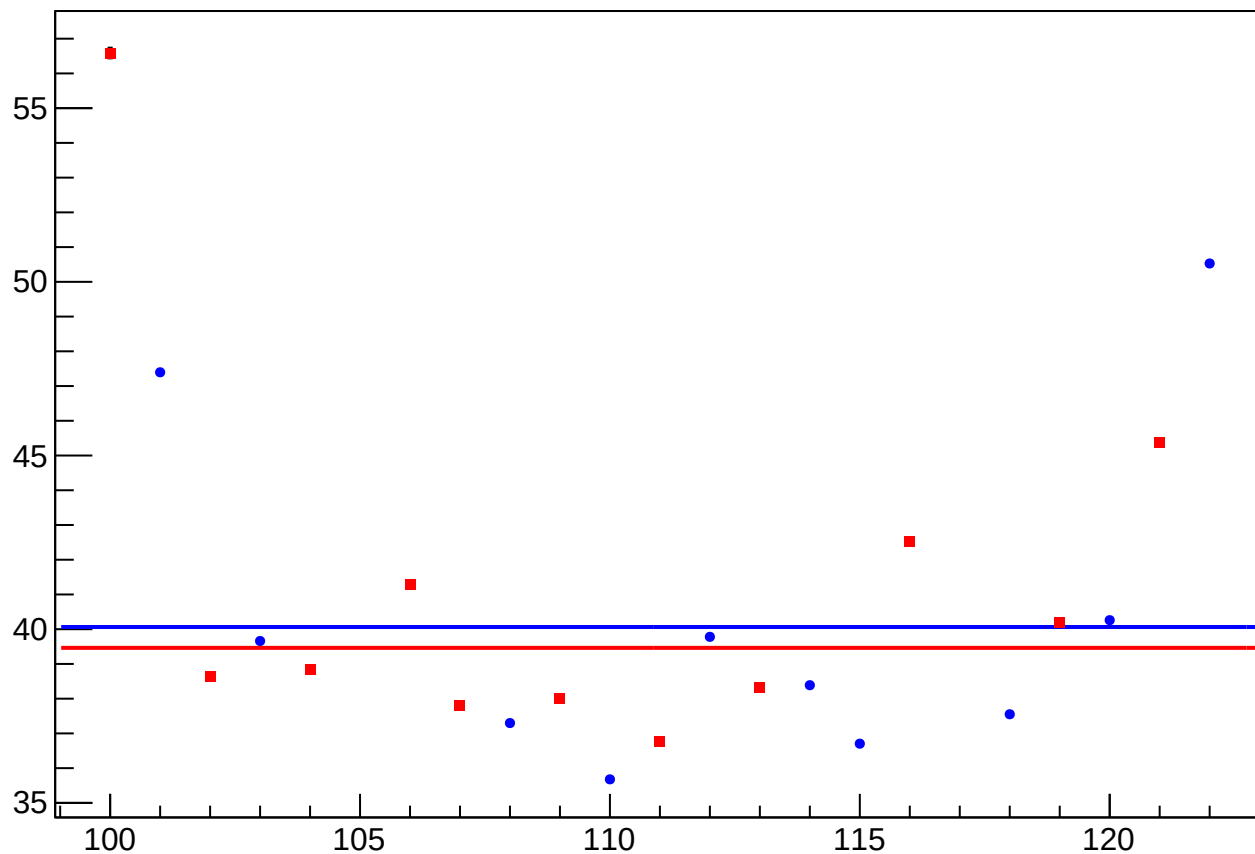
Right: 0.017+/-0.014 χ^2/NDF : 19.7/20

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

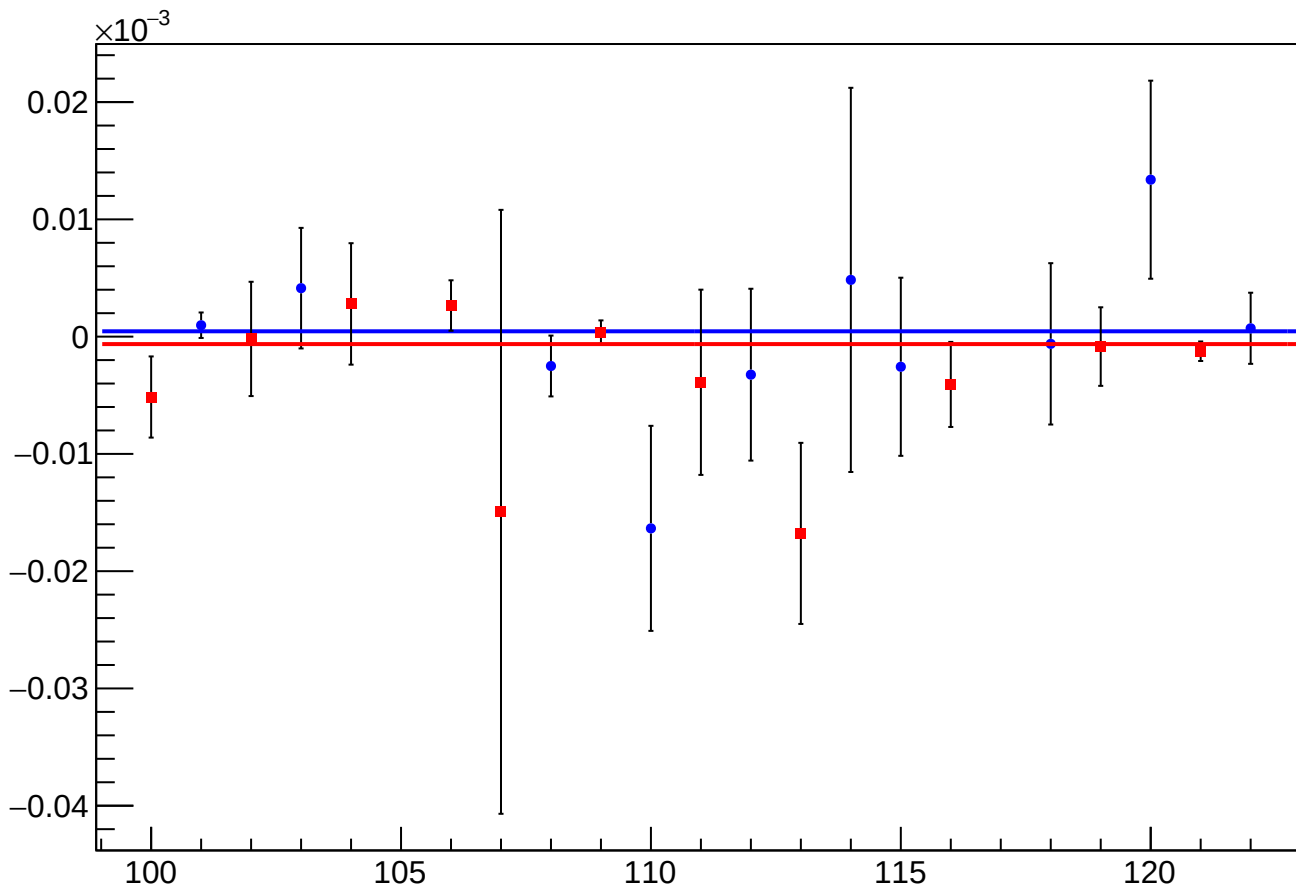
Right: 39.742+/-0.010 χ^2/NDF : 126465.9/20

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 $\pm$ 0.000 χ^2 /NDF: 8.6/9

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/10

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

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

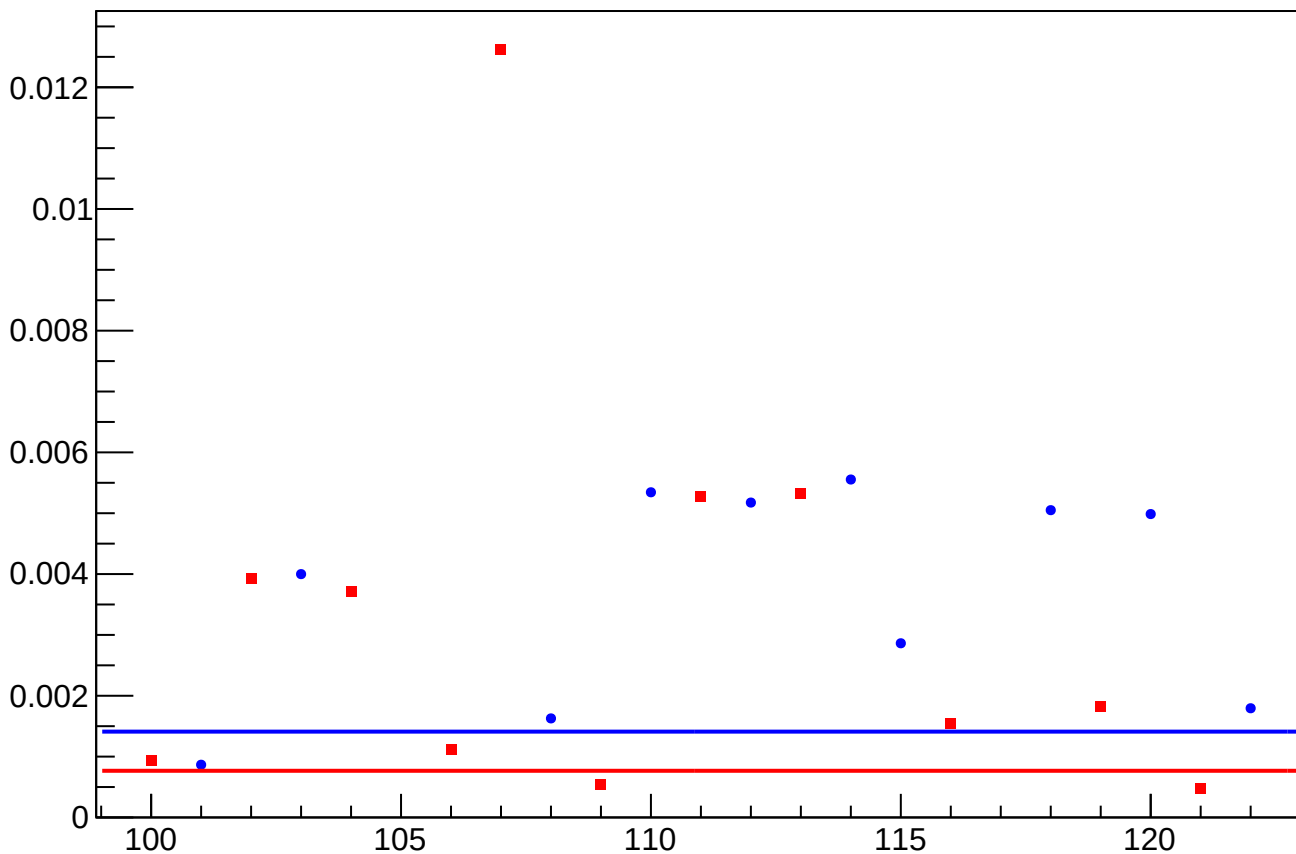
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.5/20

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.5/20

asym_us_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

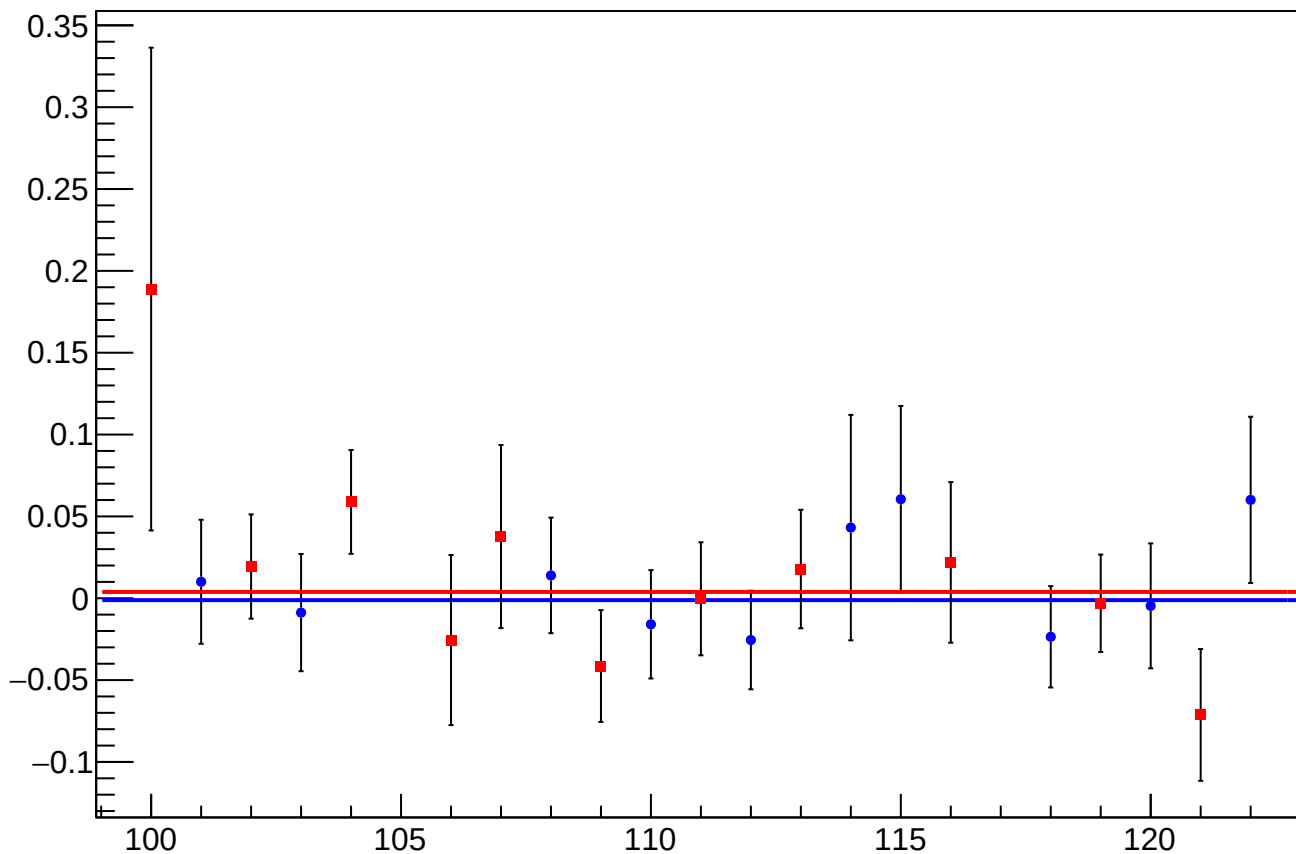
Right: 0.001+/-0.000 χ^2/NDF : 7788657.3/20

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 ± 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

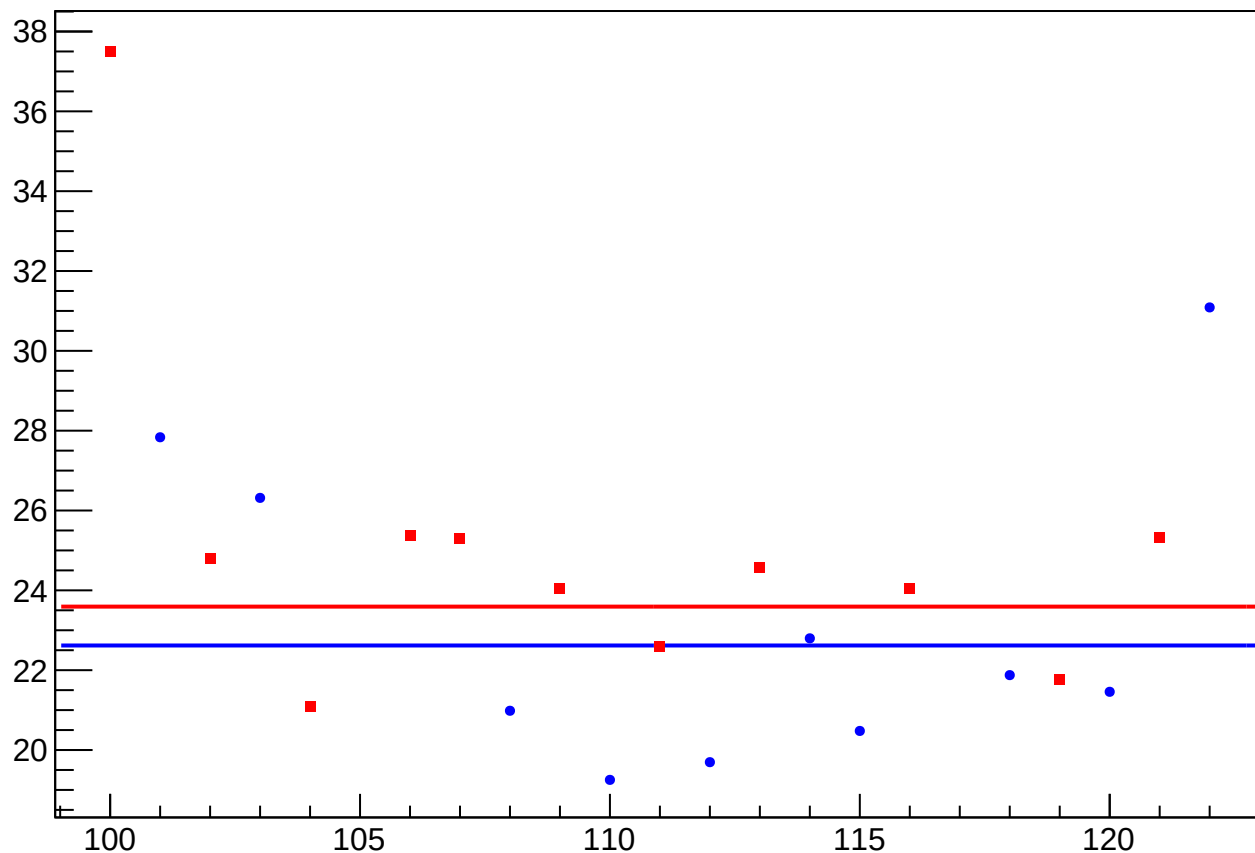
Right: 0.001 ± 0.008 χ^2/NDF : 15.9/20

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_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

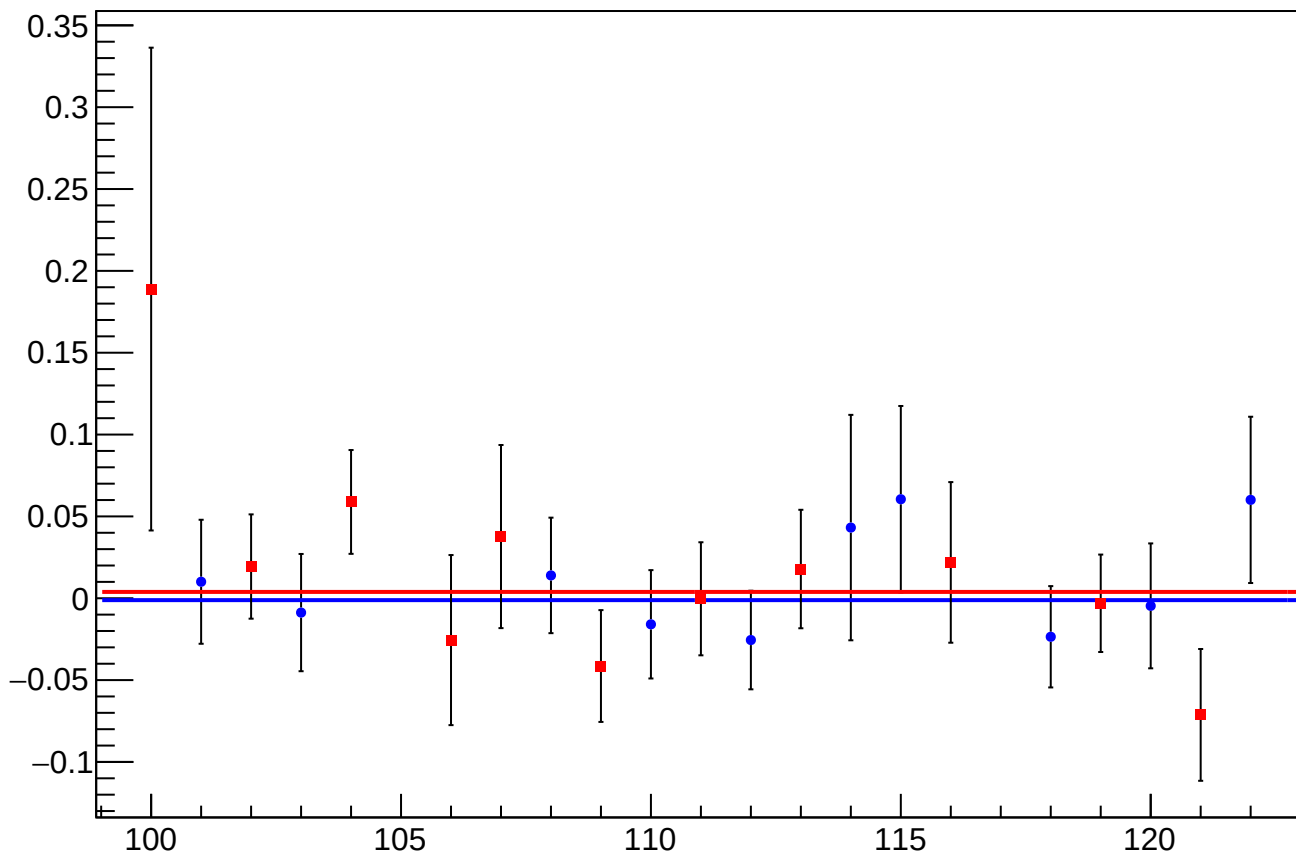
Right: 23.119+/-0.006 χ^2/NDF : 223636.1/20

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 $\pm$ 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

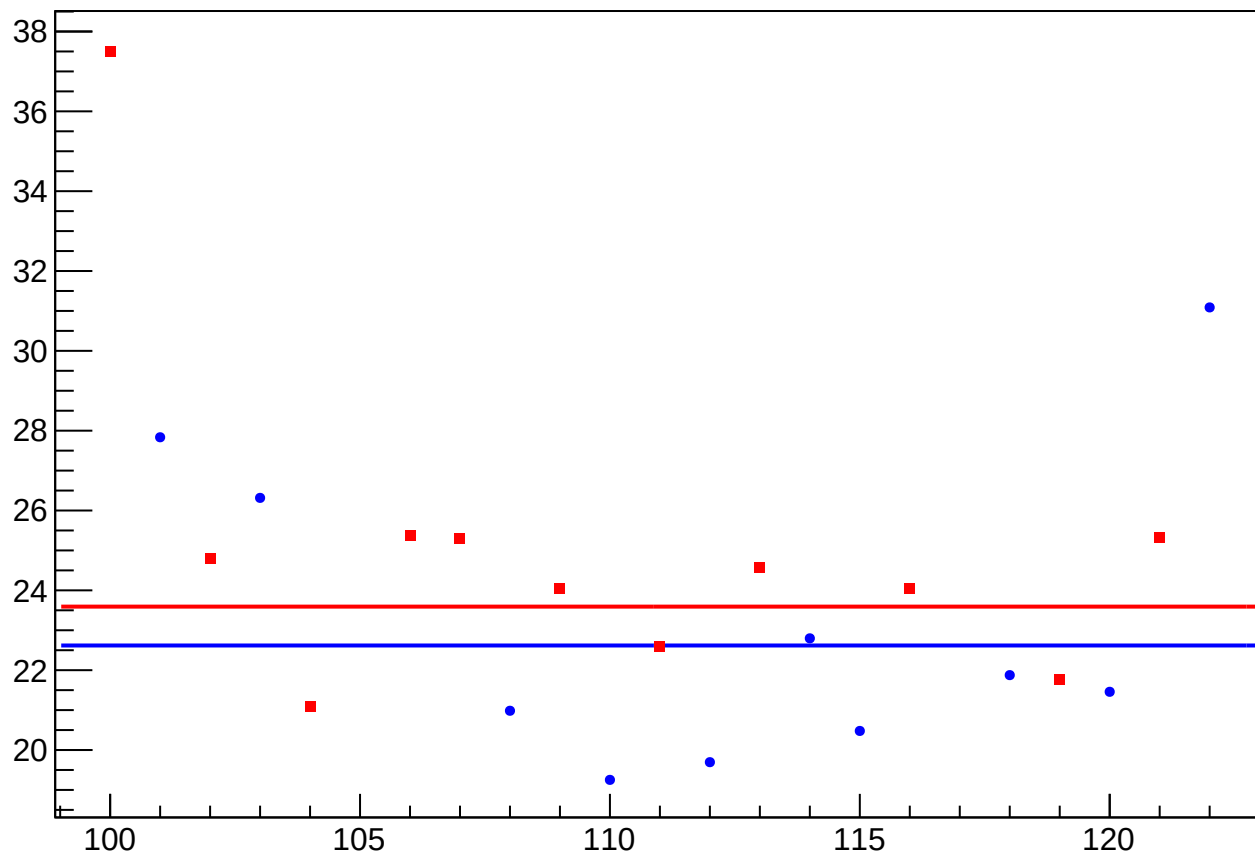
Right: 0.001 $\pm$ 0.008 χ^2 /NDF: 15.9/20

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_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

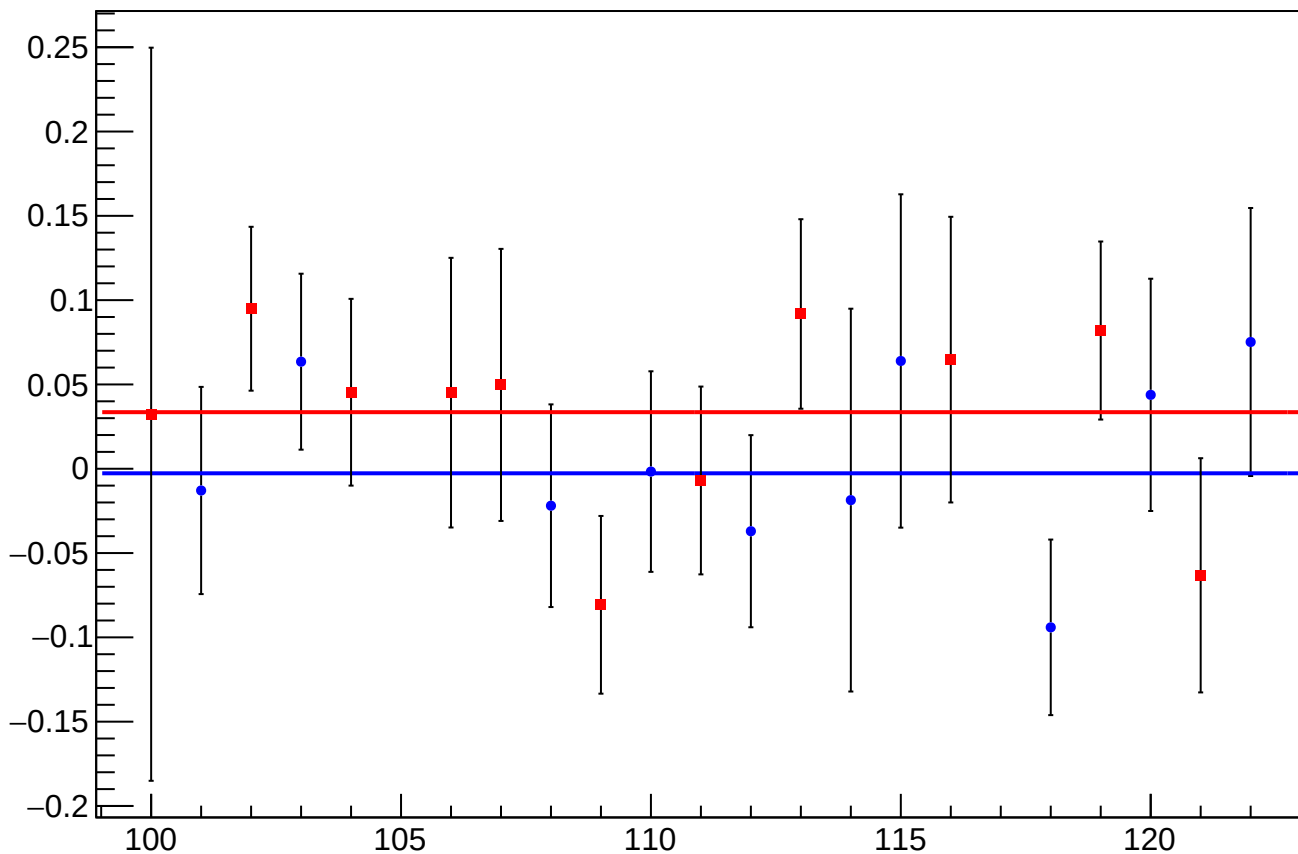
Right: 23.119+/-0.006 χ^2/NDF : 223636.1/20

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 $\chi^2/\text{NDF}: 7.1/9$

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

Right Out: 0.034 ± 0.019 $\chi^2/\text{NDF}: 10.9/10$

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

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

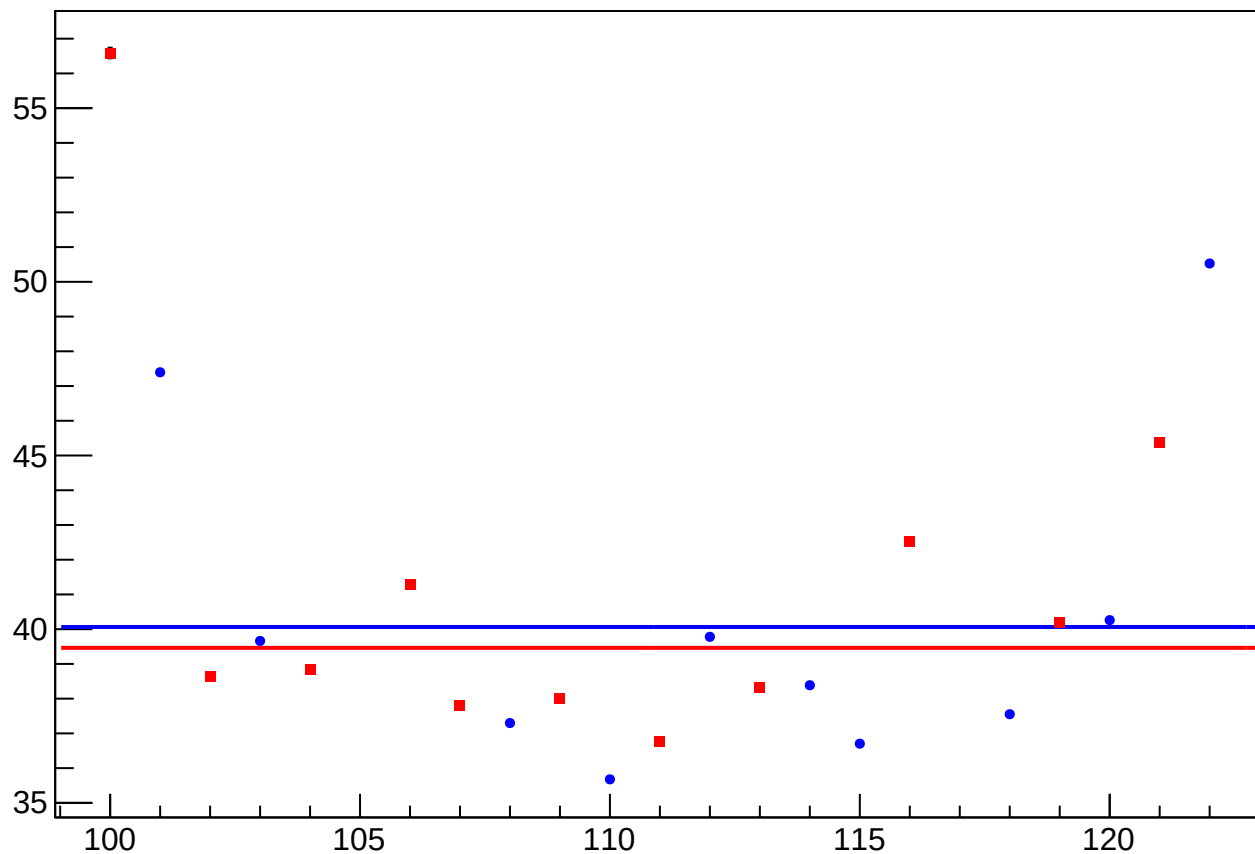
Right: 0.017 ± 0.014 $\chi^2/\text{NDF}: 19.7/20$

In: -0.003 ± 0.020 $\chi^2/\text{NDF}: 7.1/9$

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

All: 0.017 ± 0.014 $\chi^2/\text{NDF}: 19.7/20$

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

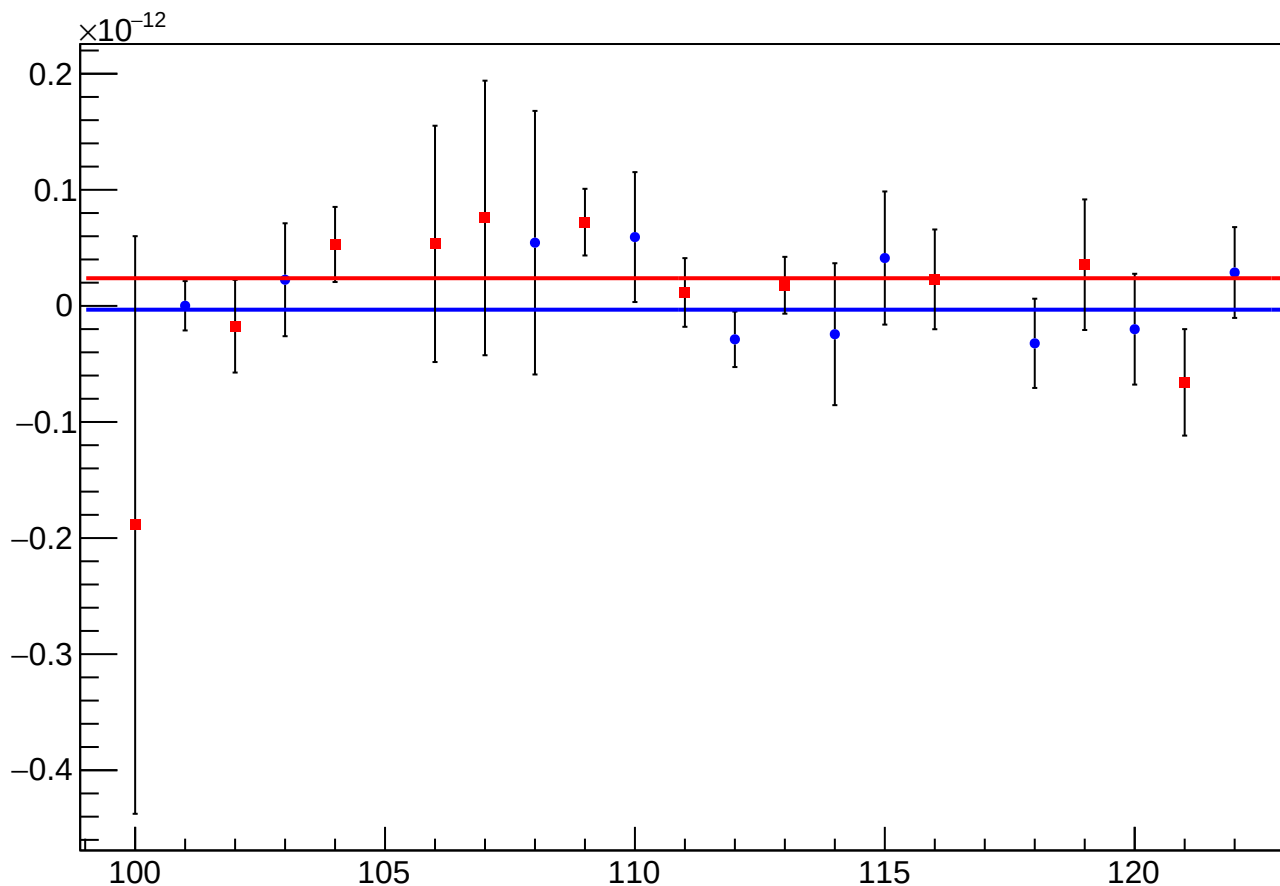
Right: 39.742+/-0.010 χ^2/NDF : 126465.9/20

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

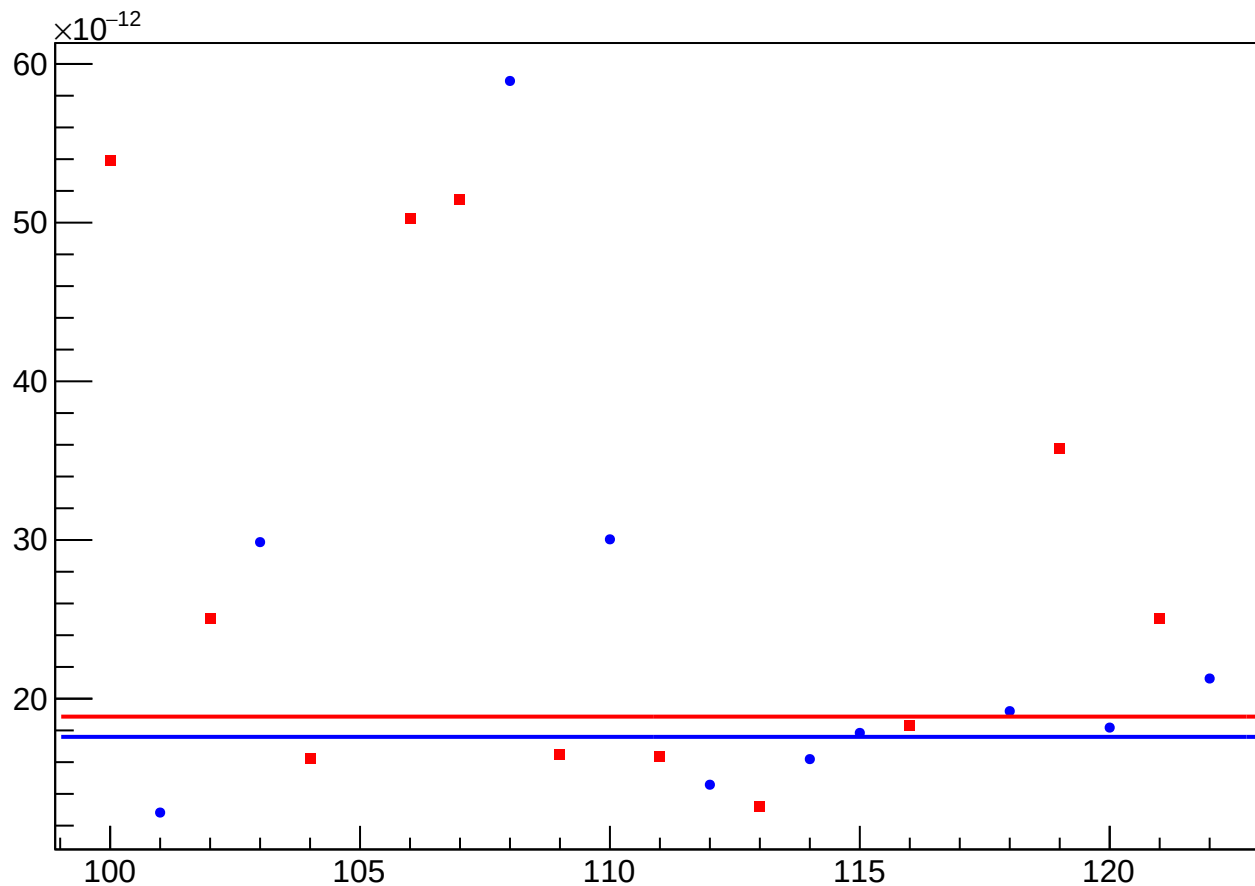
Right: 0.000+/-0.000 χ^2/NDF : 17.5/20

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

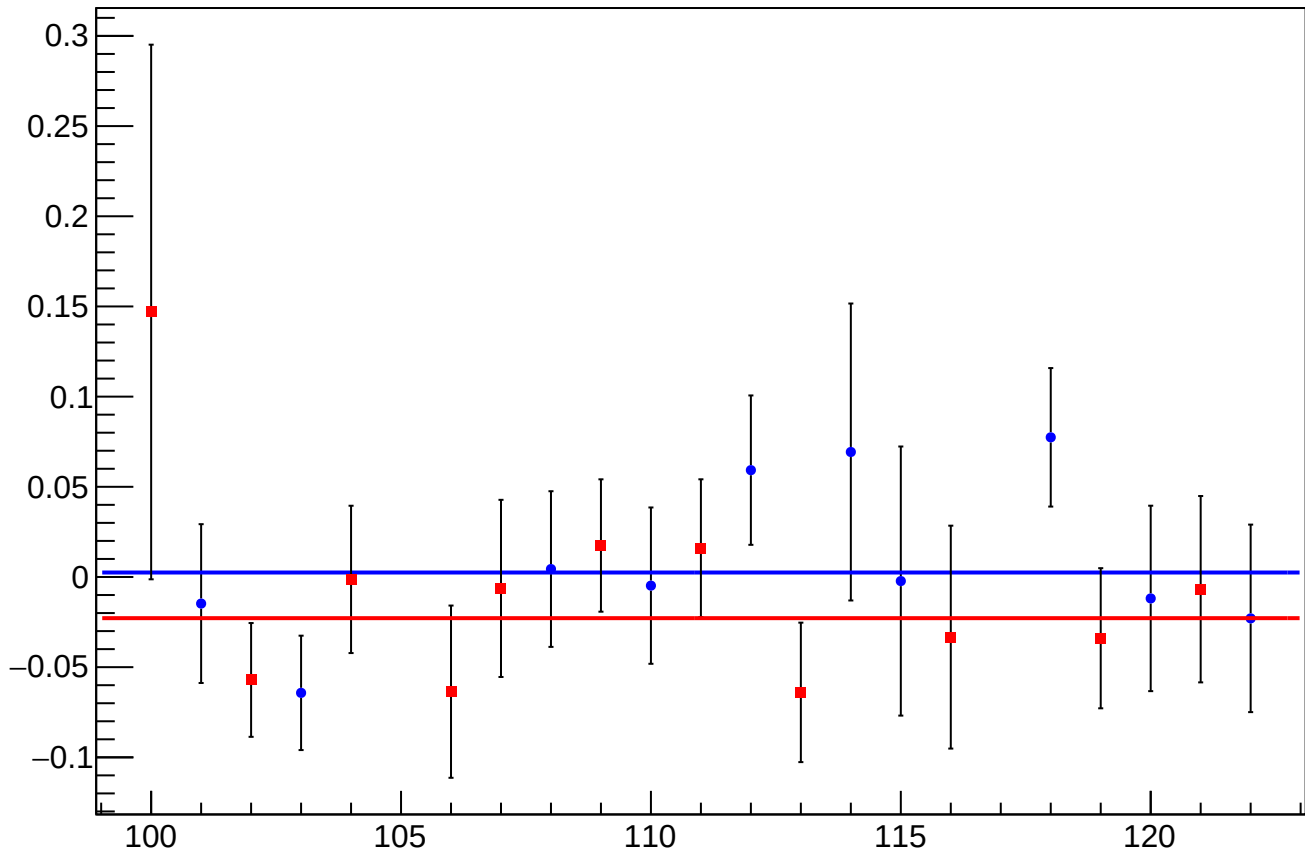
Right: 0.000+/-0.000 χ^2/NDF : 1454202.0/20

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

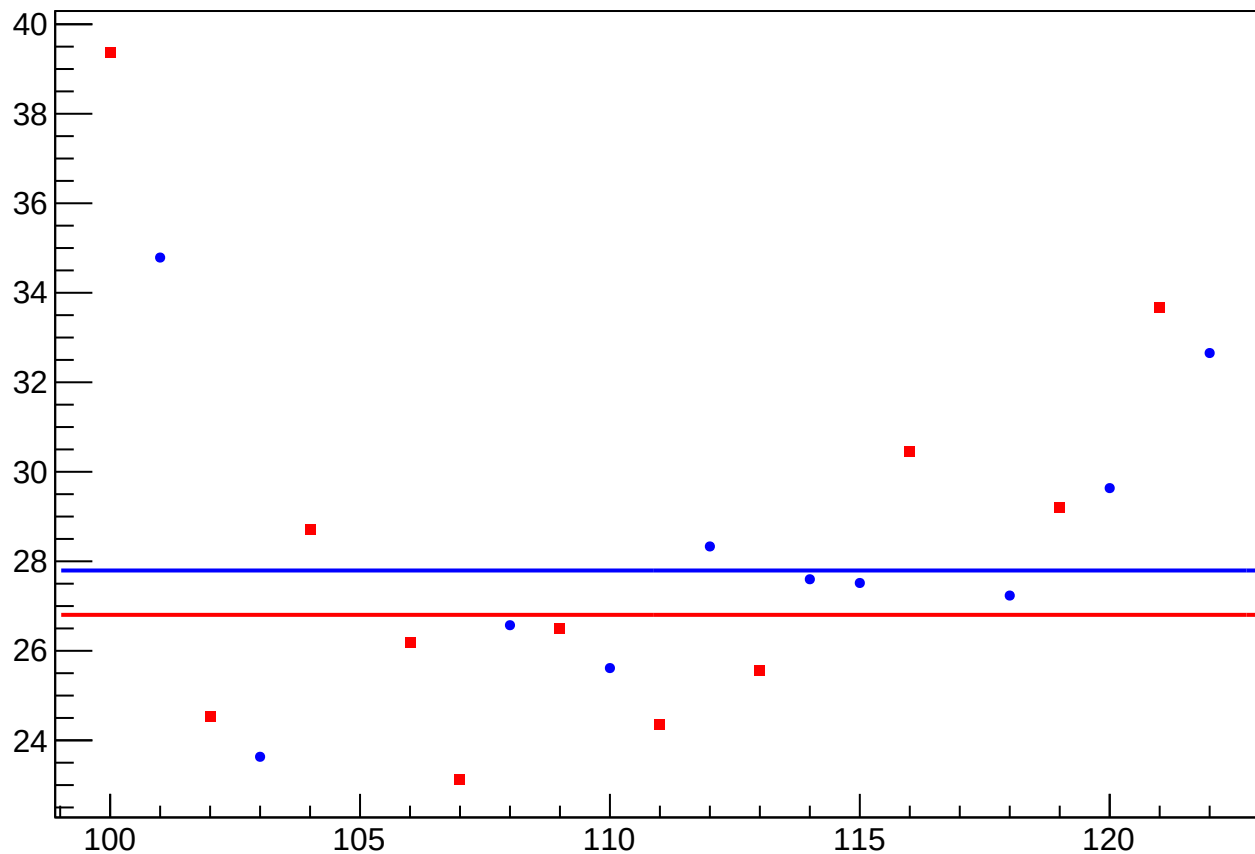
Right: -0.011+/-0.010 χ^2/NDF : 20.2/20

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

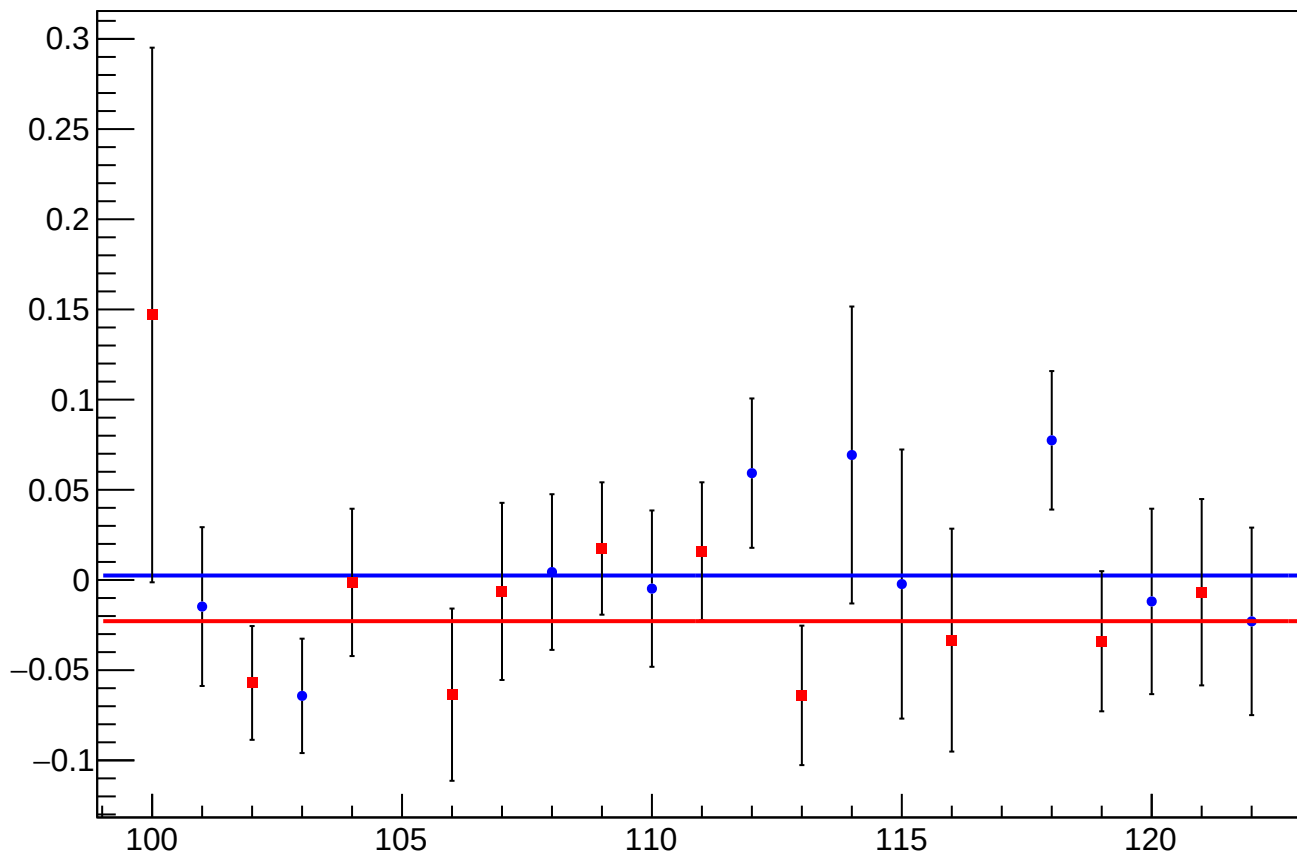
Right: 27.254+/-0.007 χ^2/NDF : 218660.6/20

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 $\pm$ 0.014 χ^2/NDF : 11.3/9

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

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

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

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

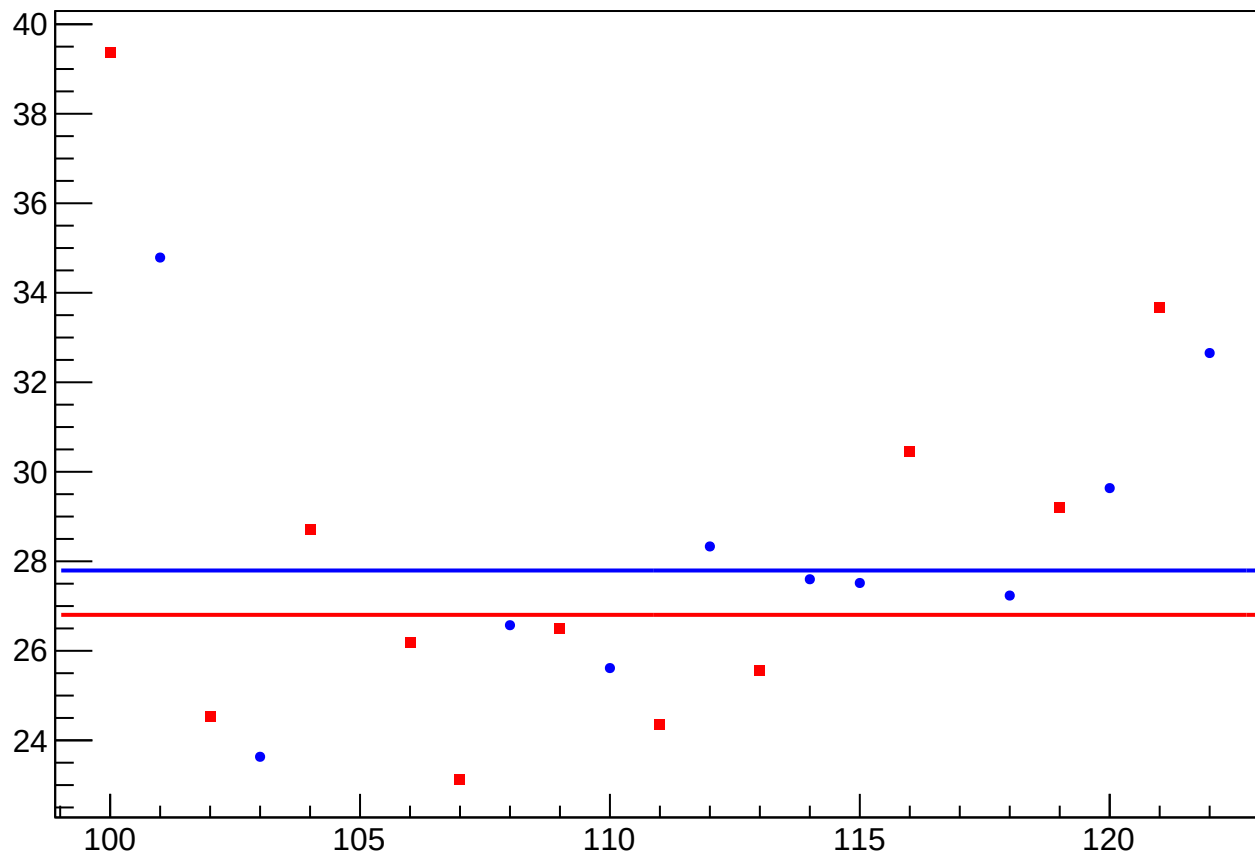
Right: -0.011 $\pm$ 0.010 χ^2/NDF : 20.2/20

In: 0.002 $\pm$ 0.014 χ^2/NDF : 11.3/9

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

All: -0.011 $\pm$ 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

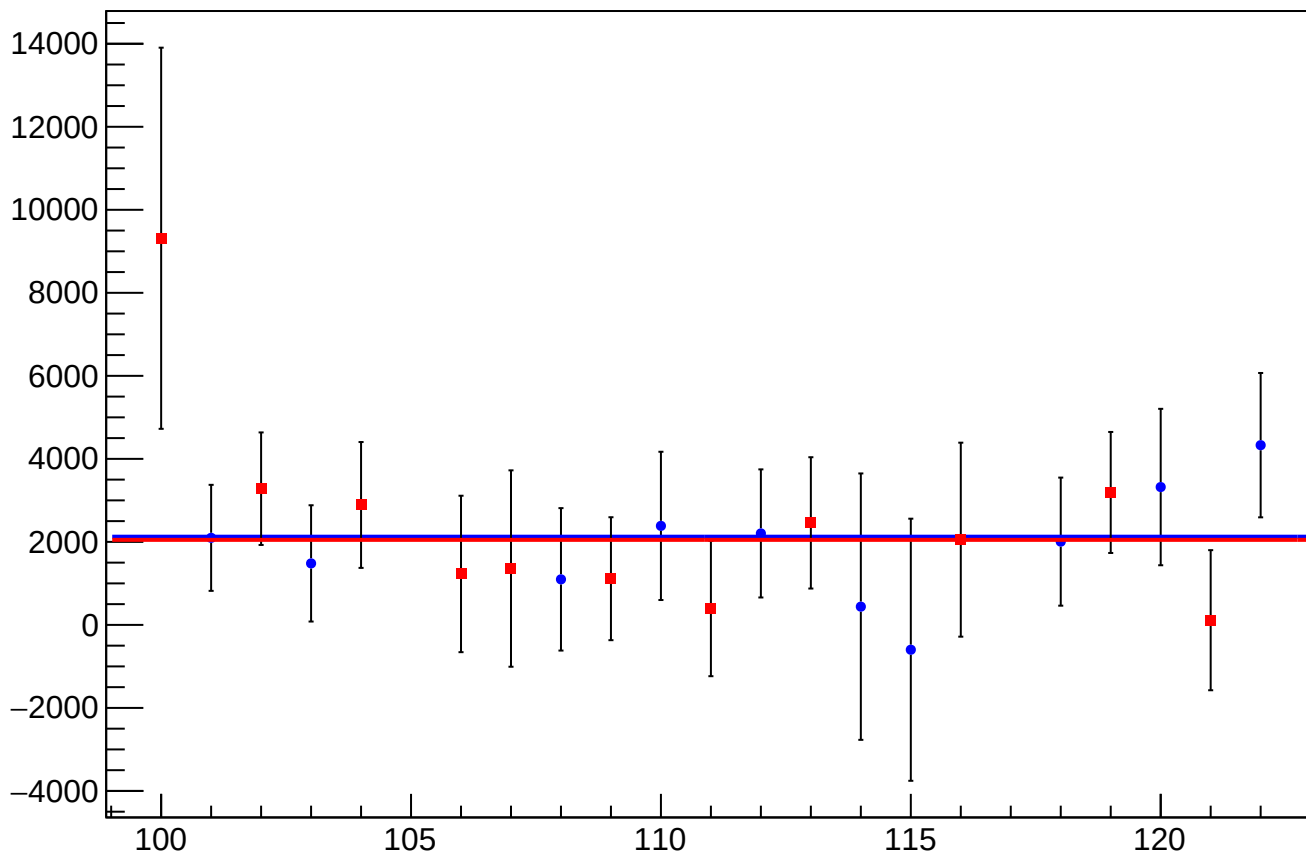
Right: 27.254+/-0.007 χ^2/NDF : 218660.6/20

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

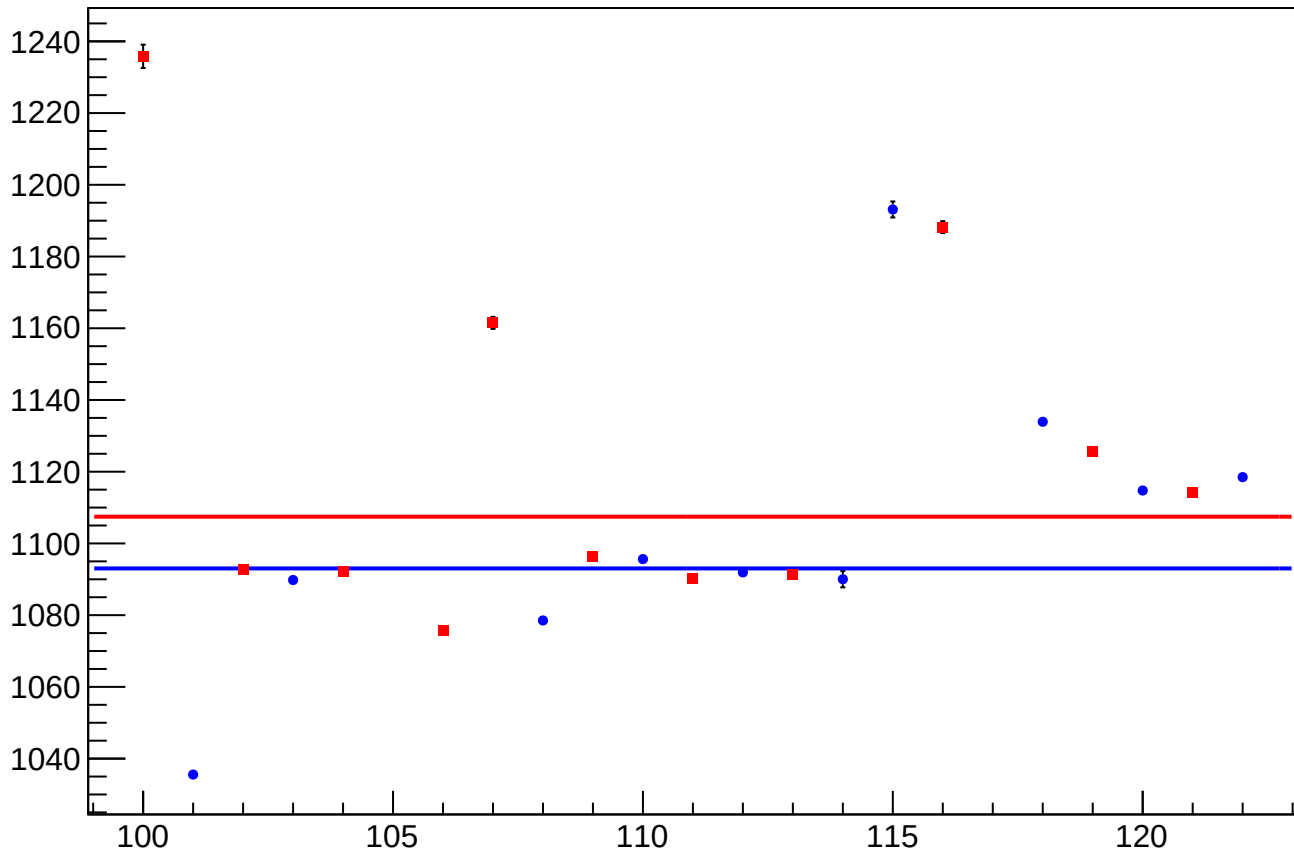
Right: 2085.193+/-373.989 χ^2/NDF : 11.0/20

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

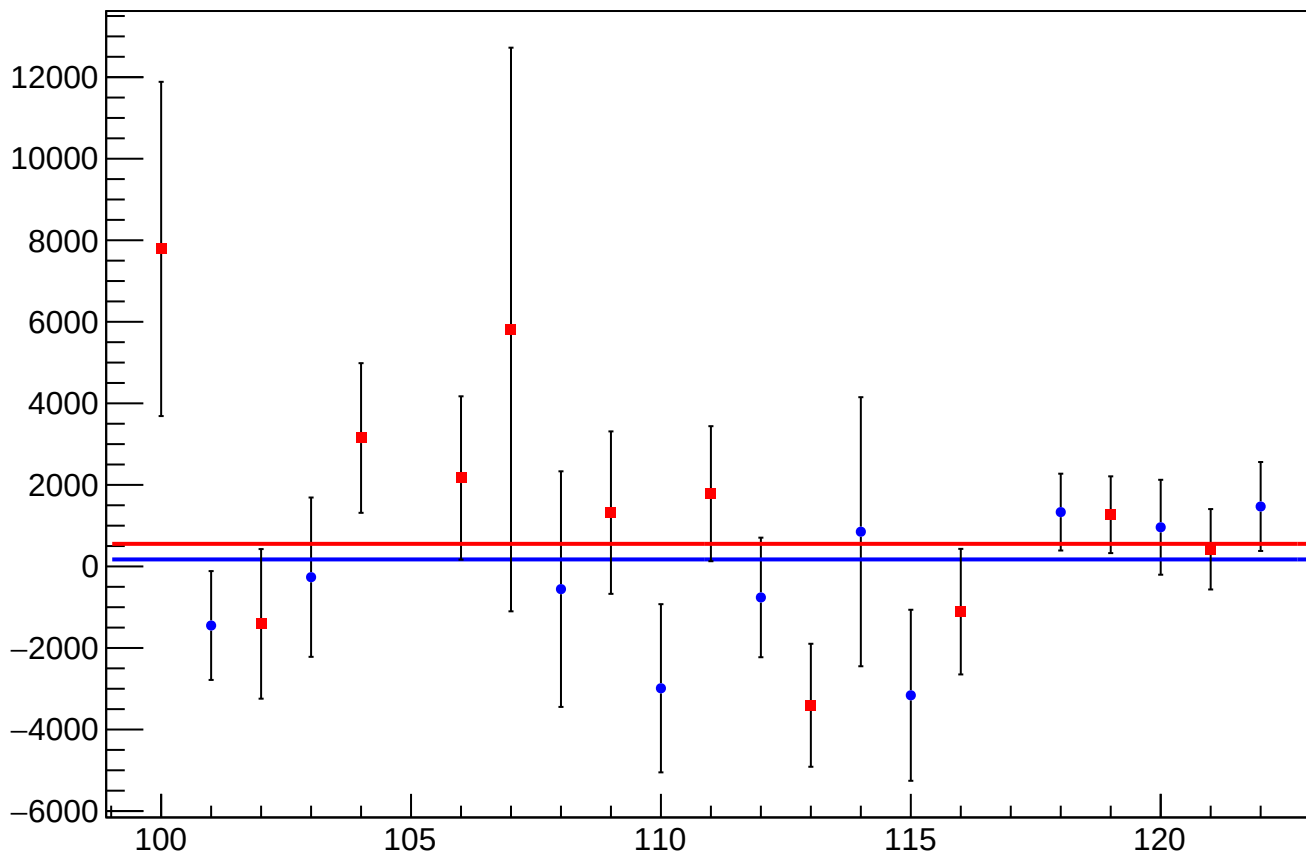
Right: 1100.541+/-0.264 χ^2/NDF : 15947.2/20

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

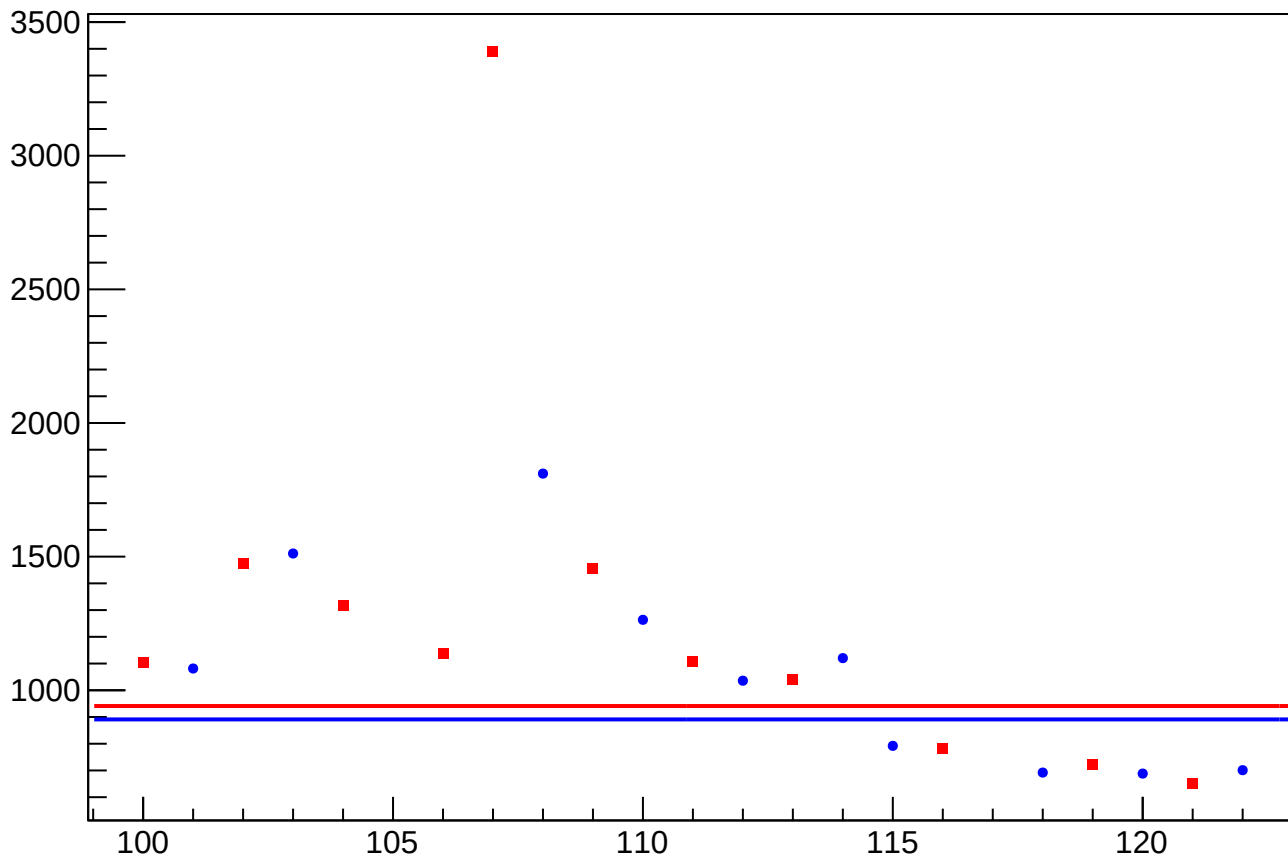
Right: 360.652+/-329.220 χ^2/NDF : 27.5/20

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

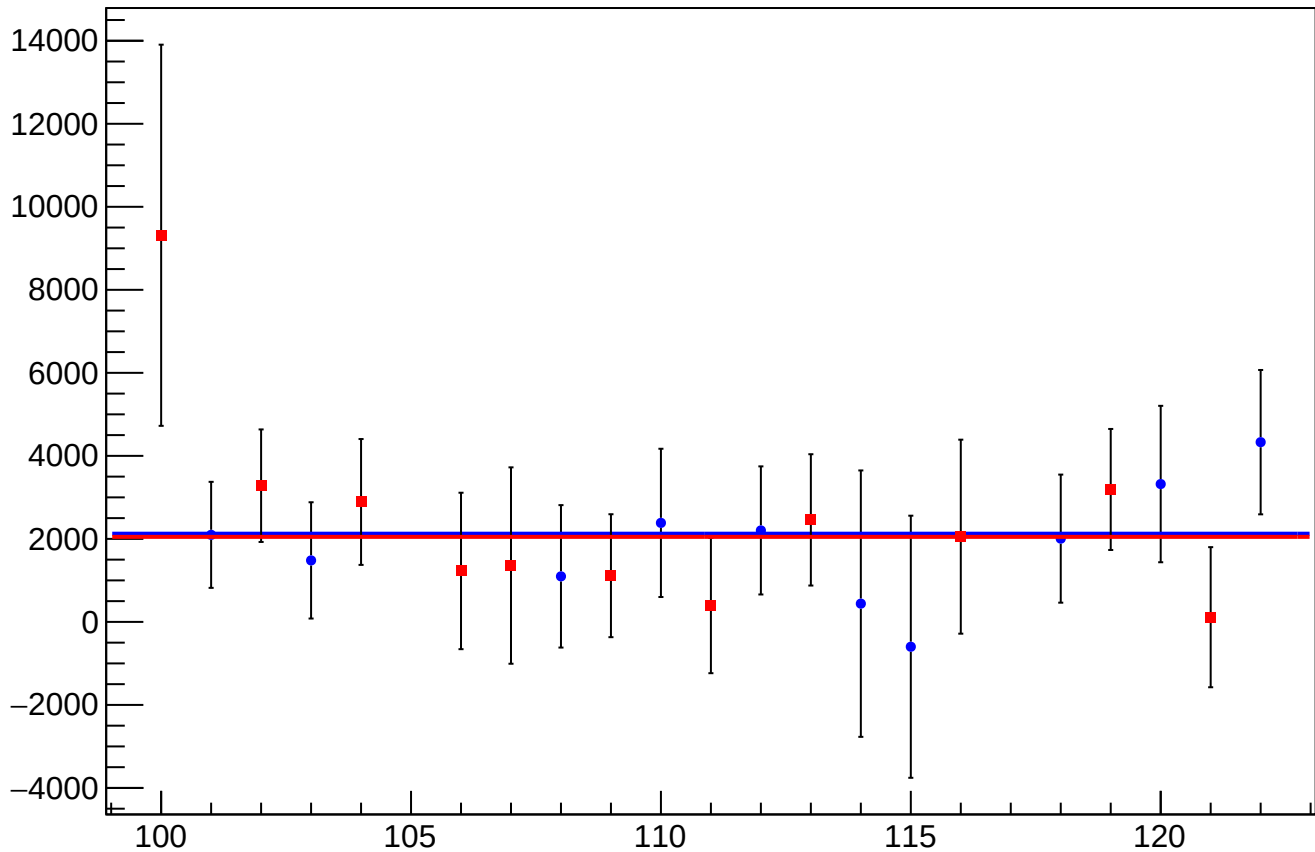
Right: 915.701+/-0.233 χ^2/NDF : 1755925.3/20

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

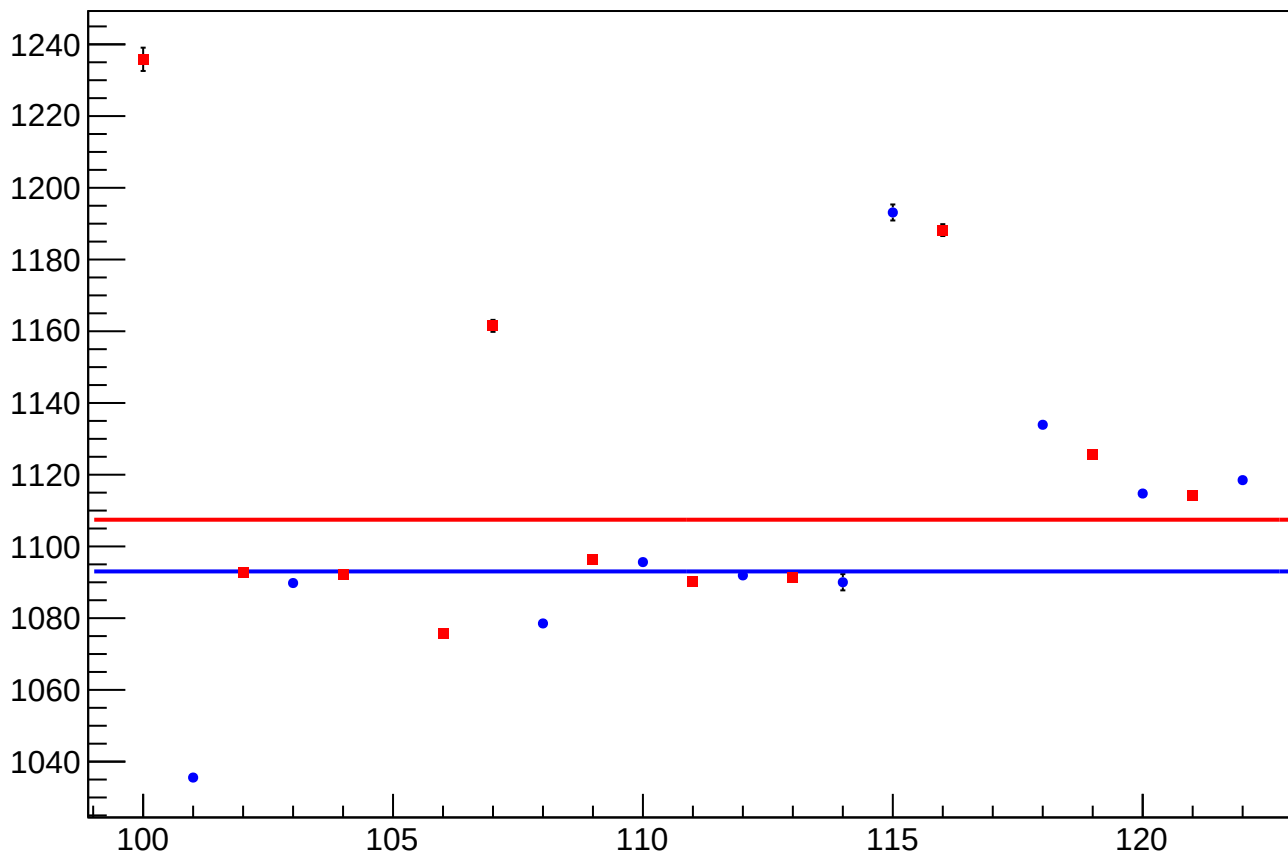
Right: 2085.193 $\pm$ 373.989 χ^2 /NDF: 11.0/20

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

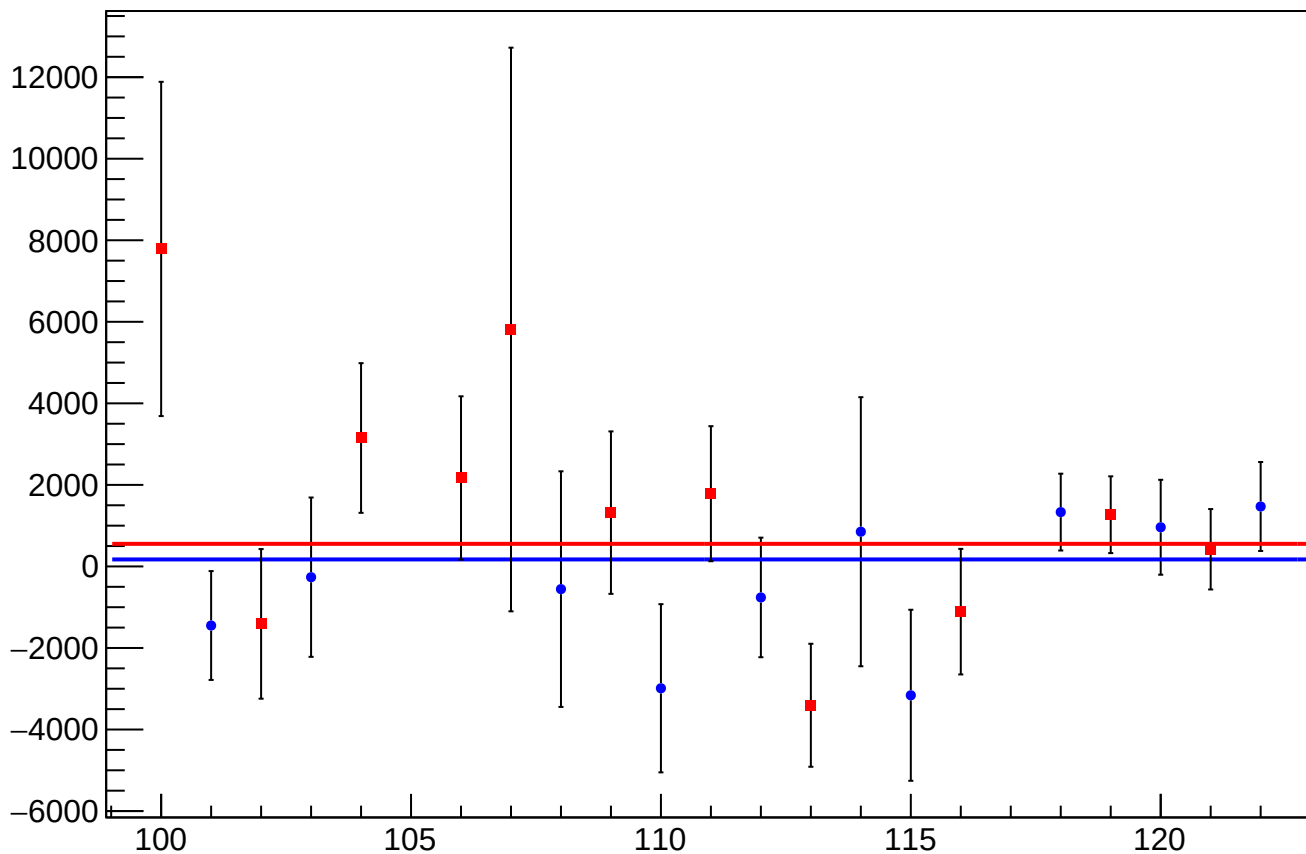
Right: 1100.541+/-0.264 χ^2/NDF : 15947.2/20

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

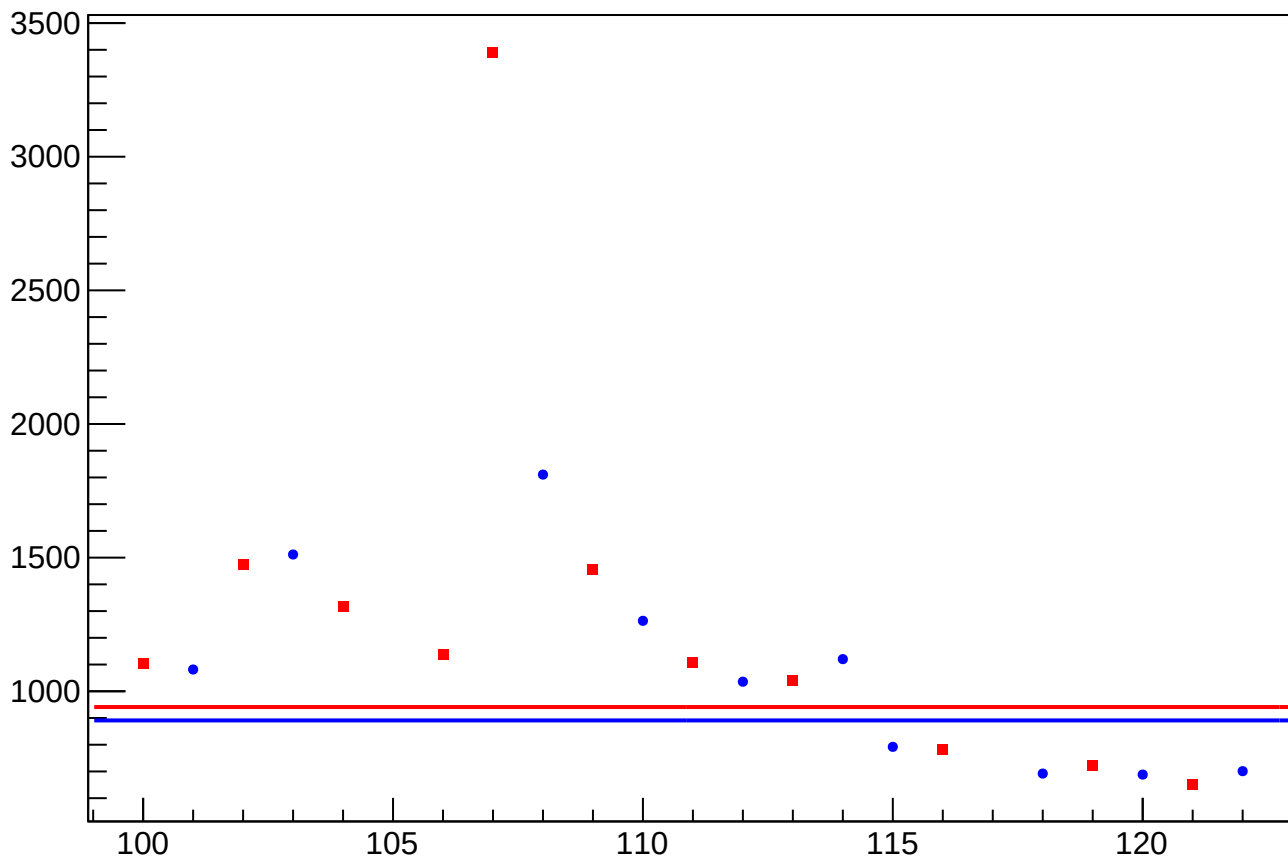
Right: 360.652+/-329.220 χ^2/NDF : 27.5/20

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

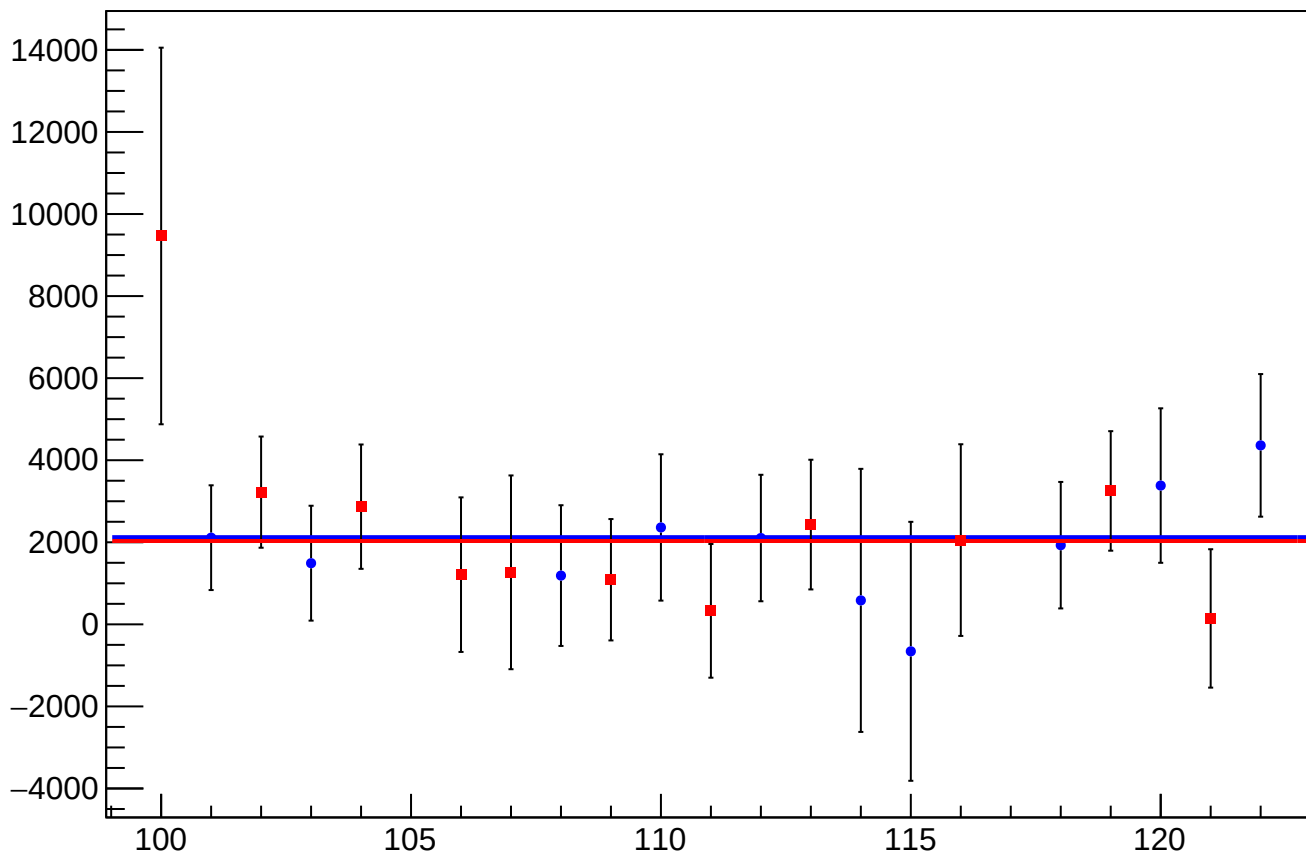
Right: 915.701+/-0.233 χ^2/NDF : 1755925.3/20

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

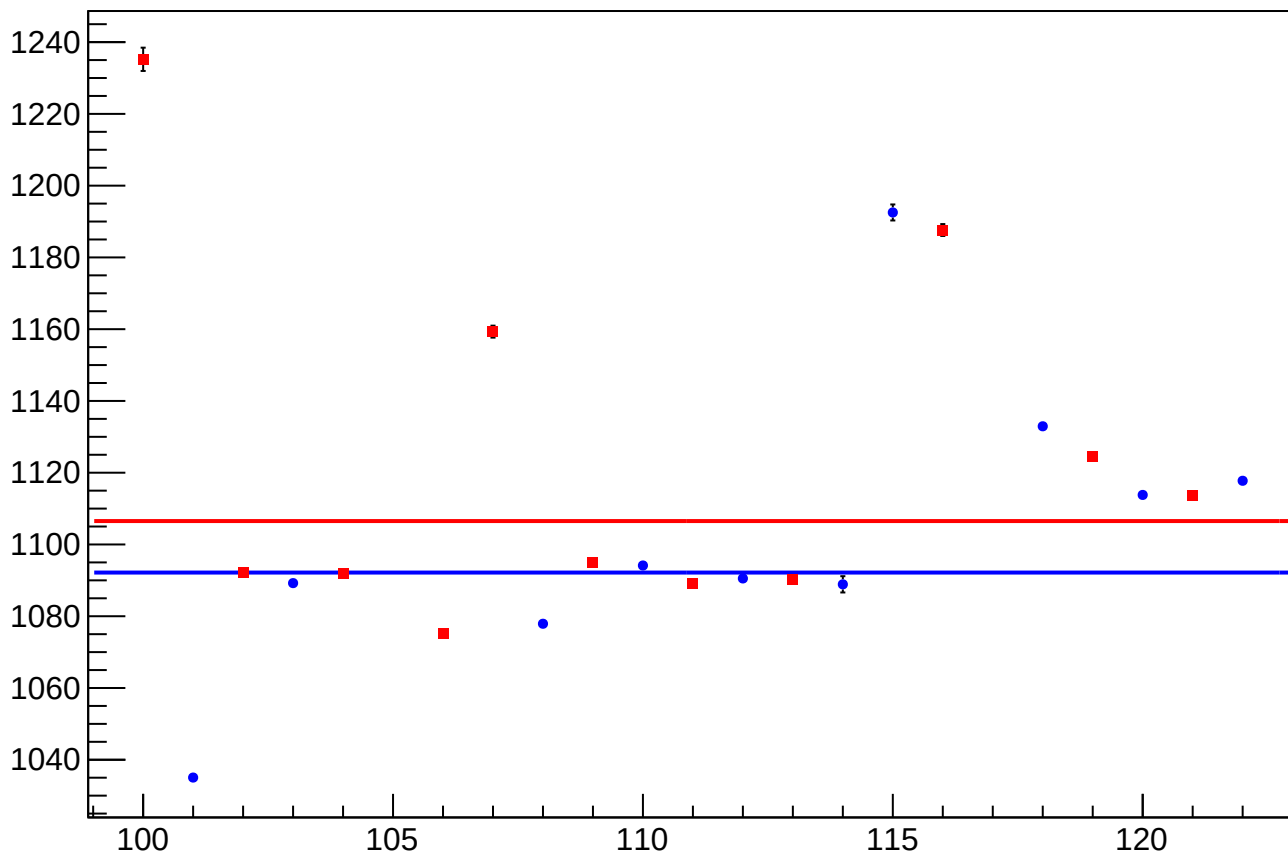
Right: 2076.167+/-373.684 χ^2/NDF : 11.2/20

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

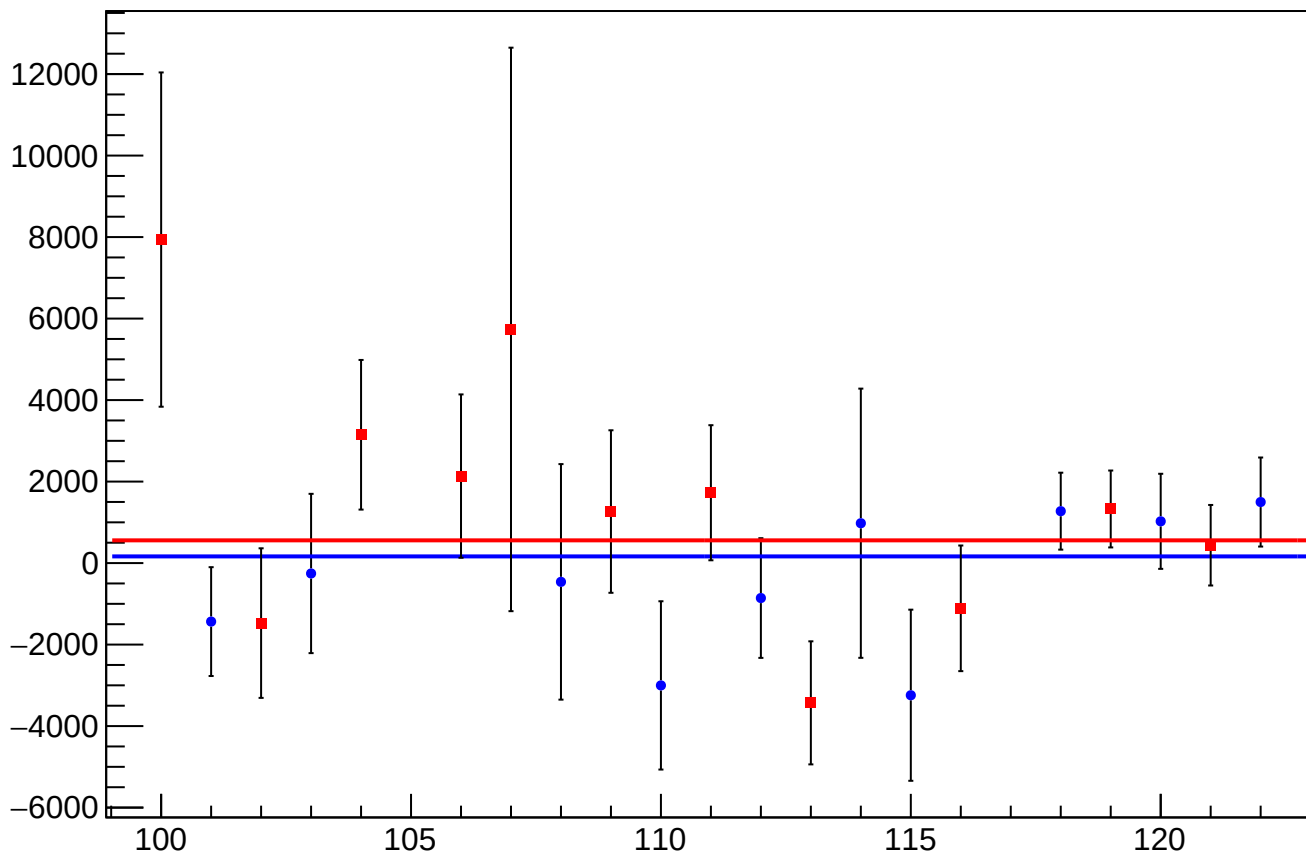
Right: 1099.647+/-0.264 χ^2/NDF : 15872.5/20

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

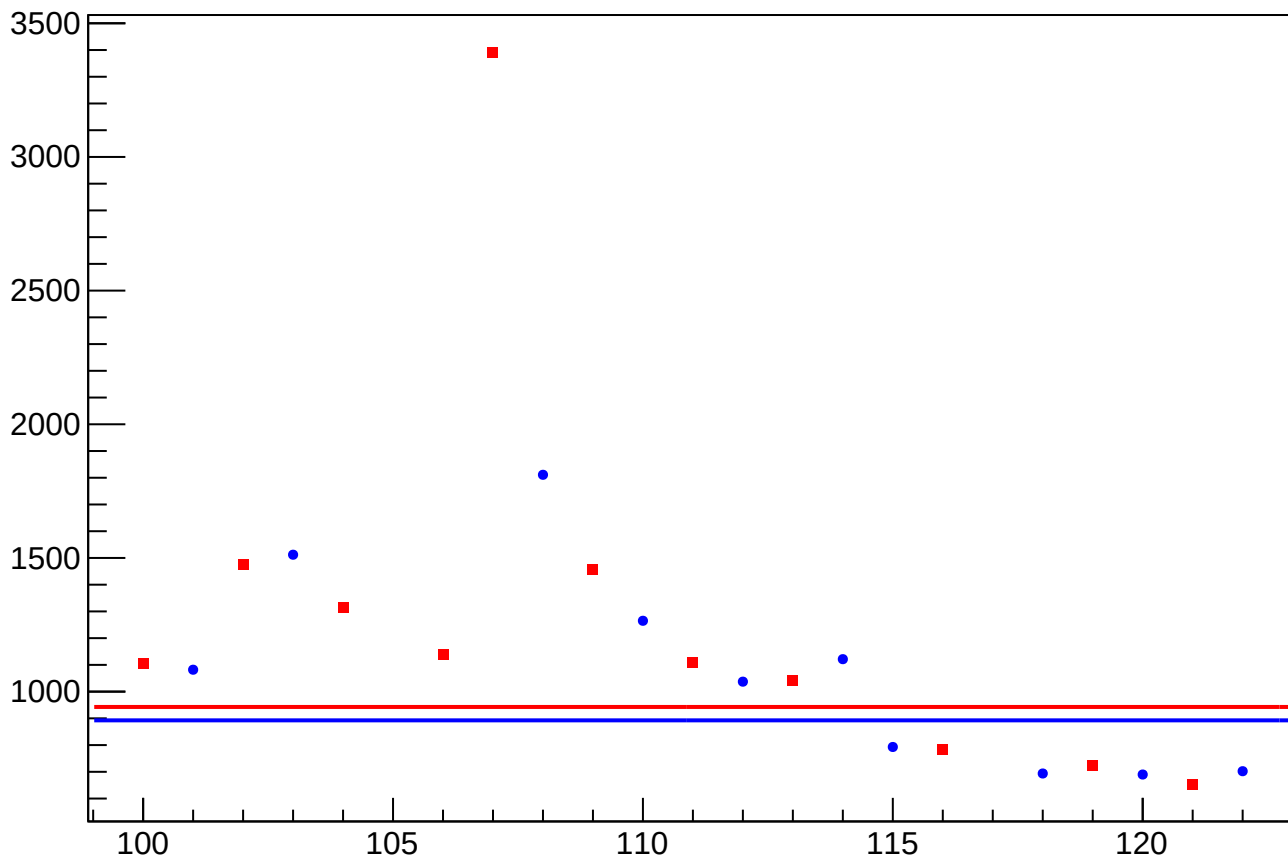
Right: 358.538+/-329.710 χ^2/NDF : 27.9/20

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

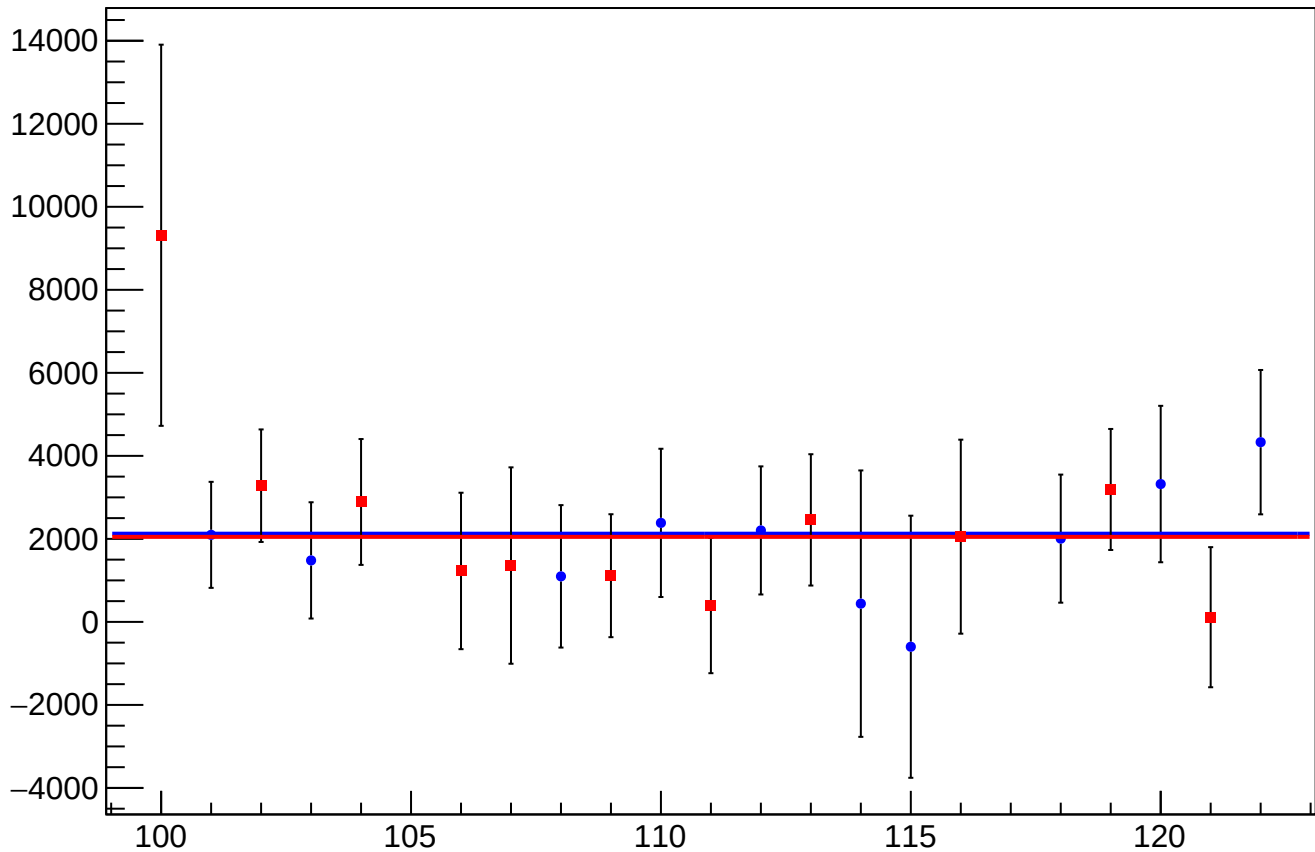
Right: 917.264+/-0.233 χ^2/NDF : 1749517.3/20

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

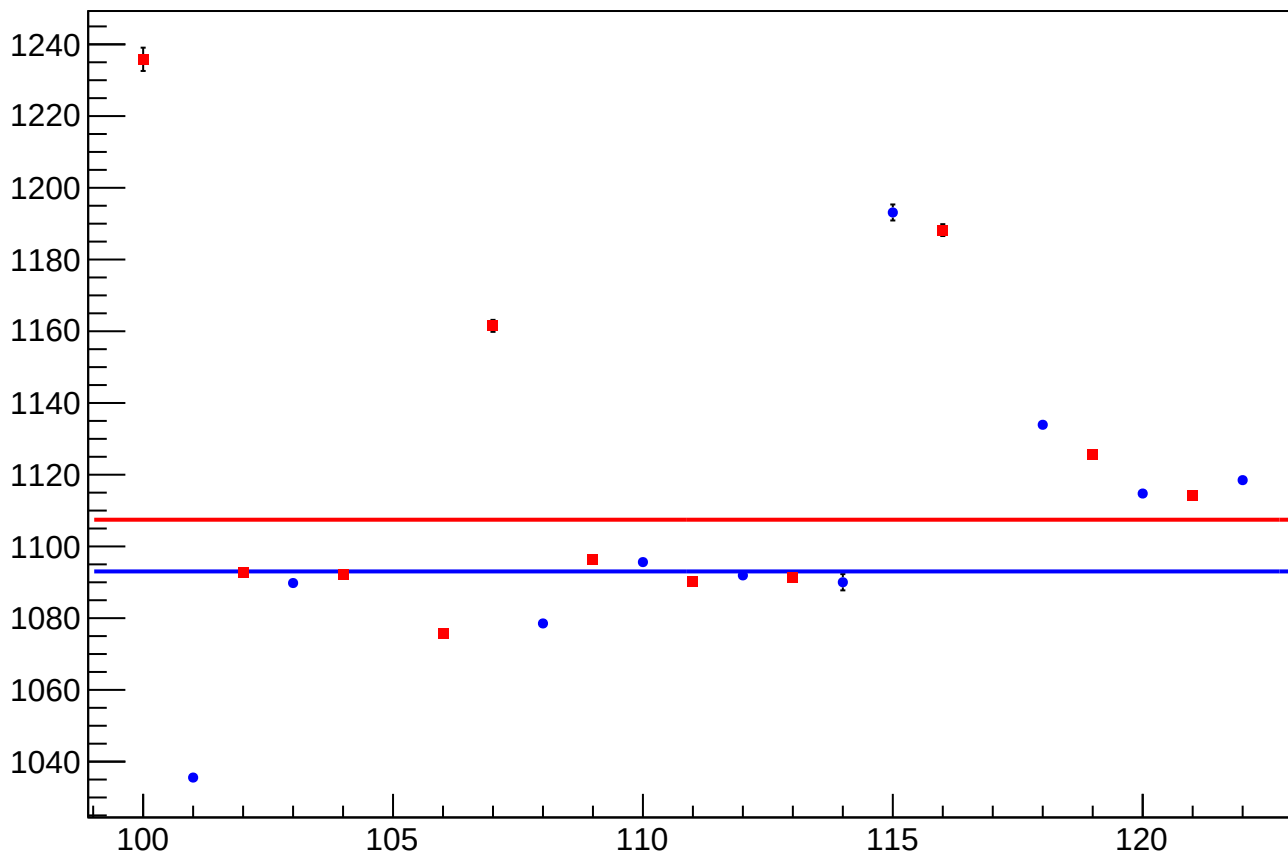
Right: 2085.193+/-373.989 χ^2/NDF : 11.0/20

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

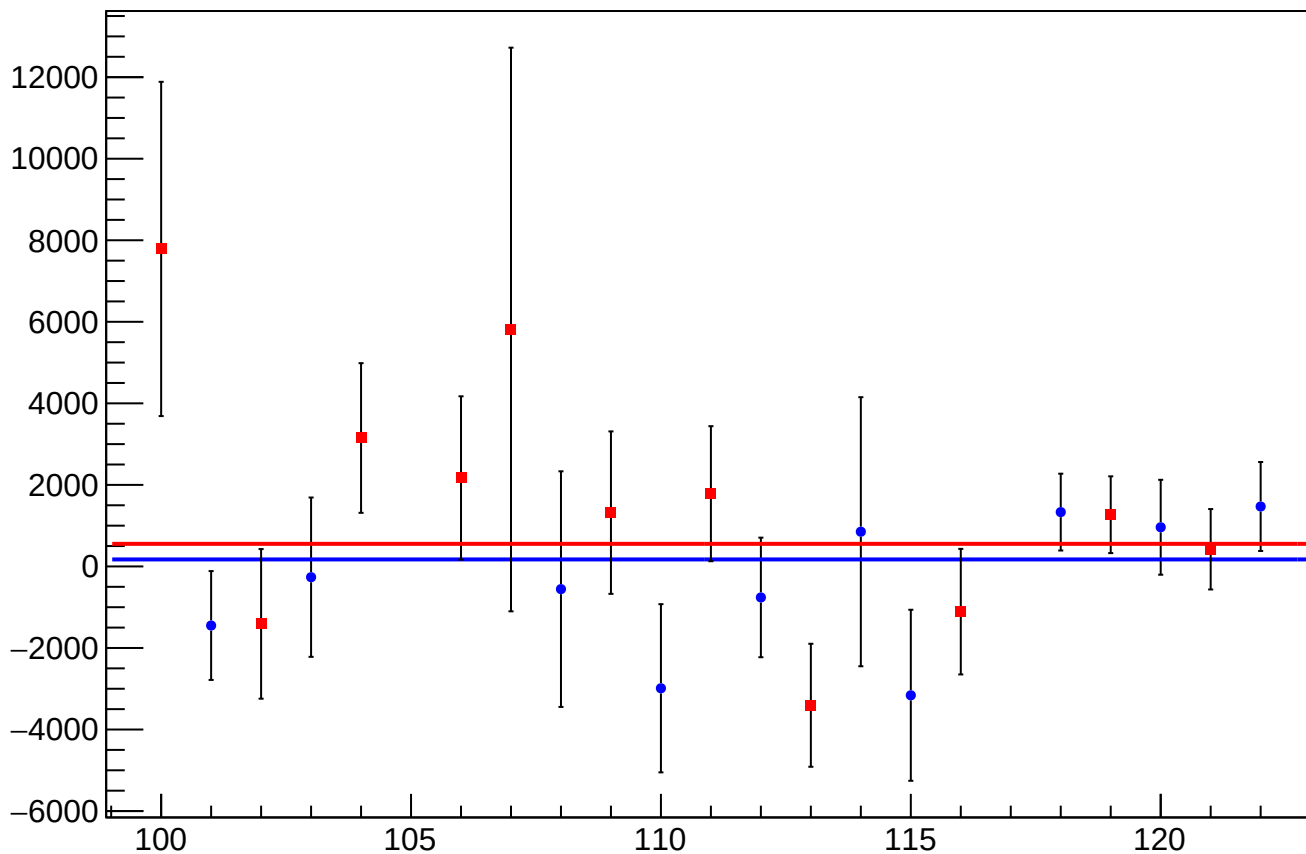
Right: 1100.541+/-0.264 χ^2/NDF : 15947.2/20

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

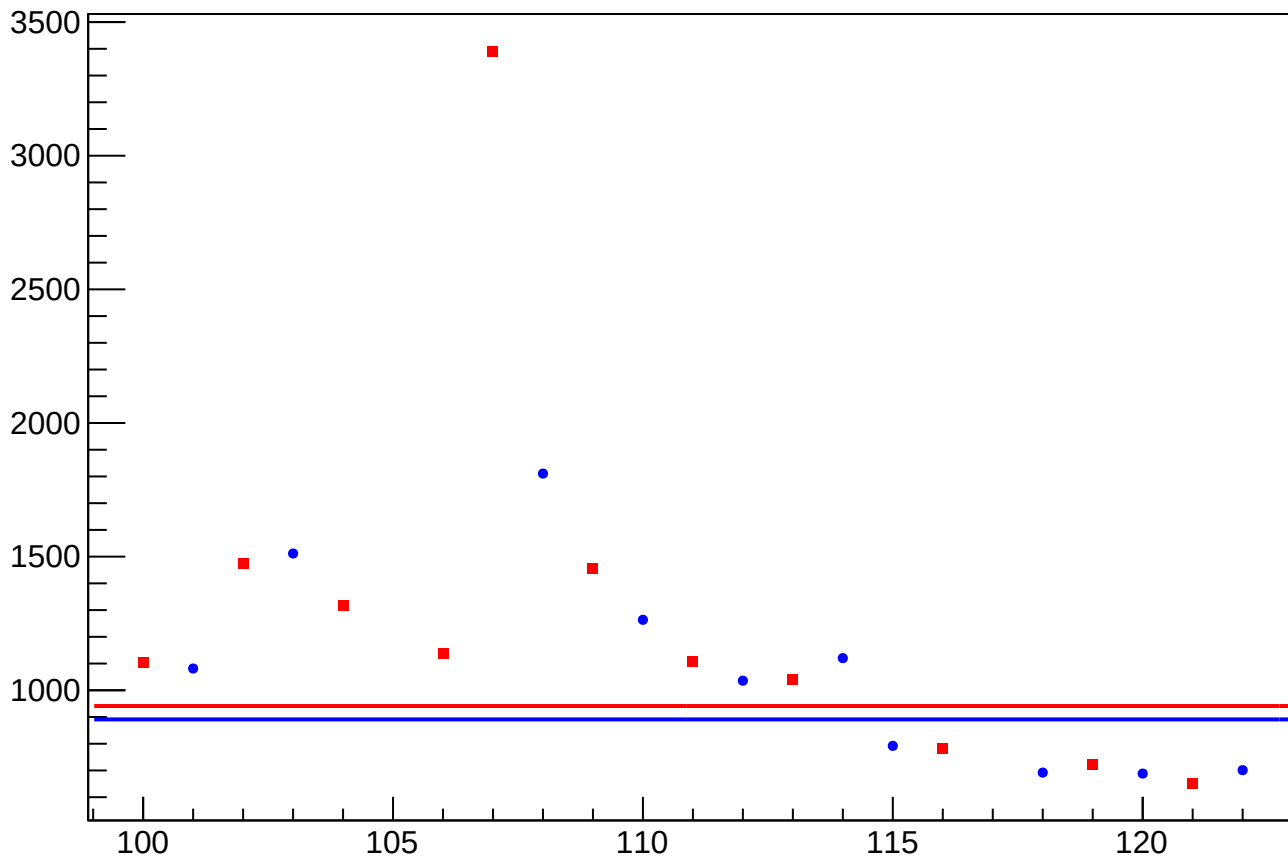
Right: 360.652+/-329.220 χ^2/NDF : 27.5/20

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

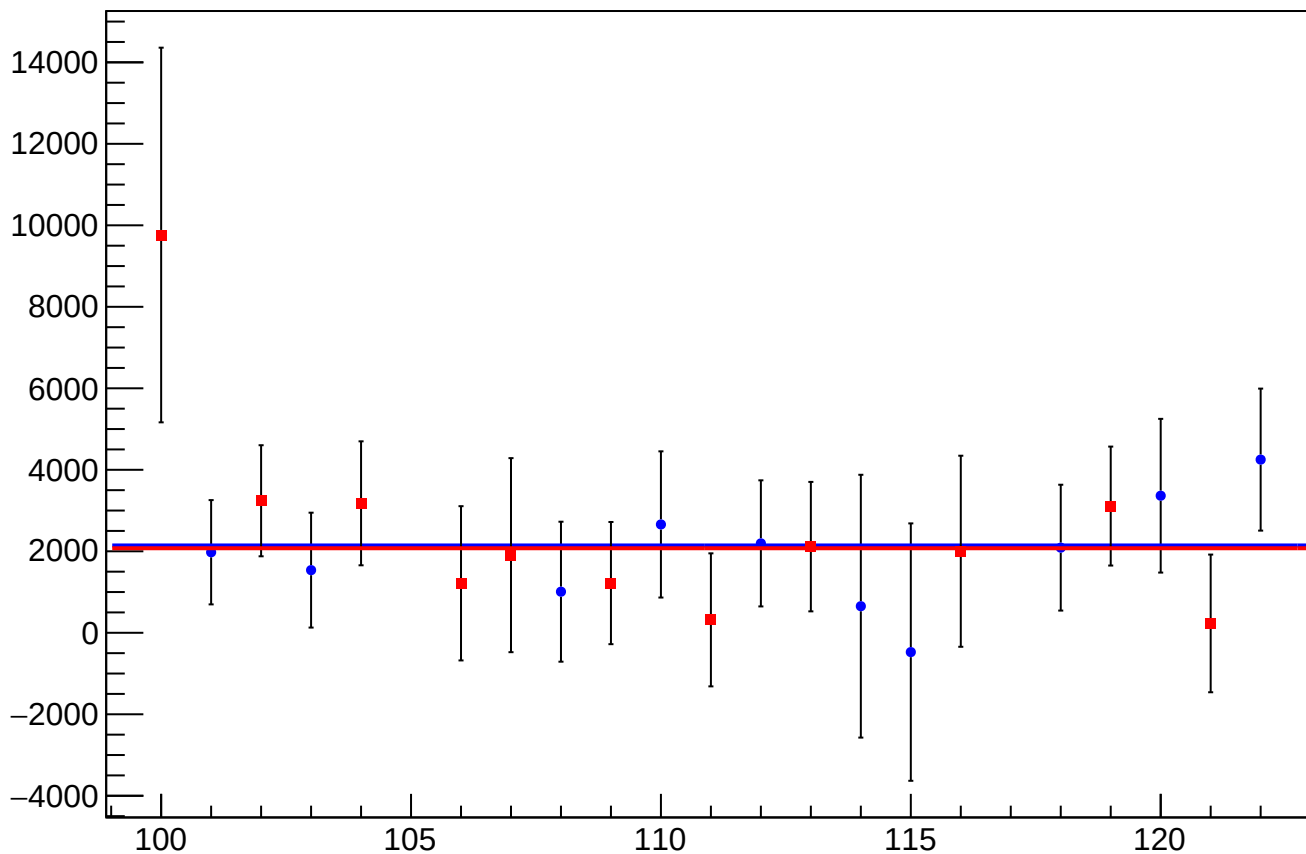
Right: 915.701+/-0.233 χ^2/NDF : 1755925.3/20

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

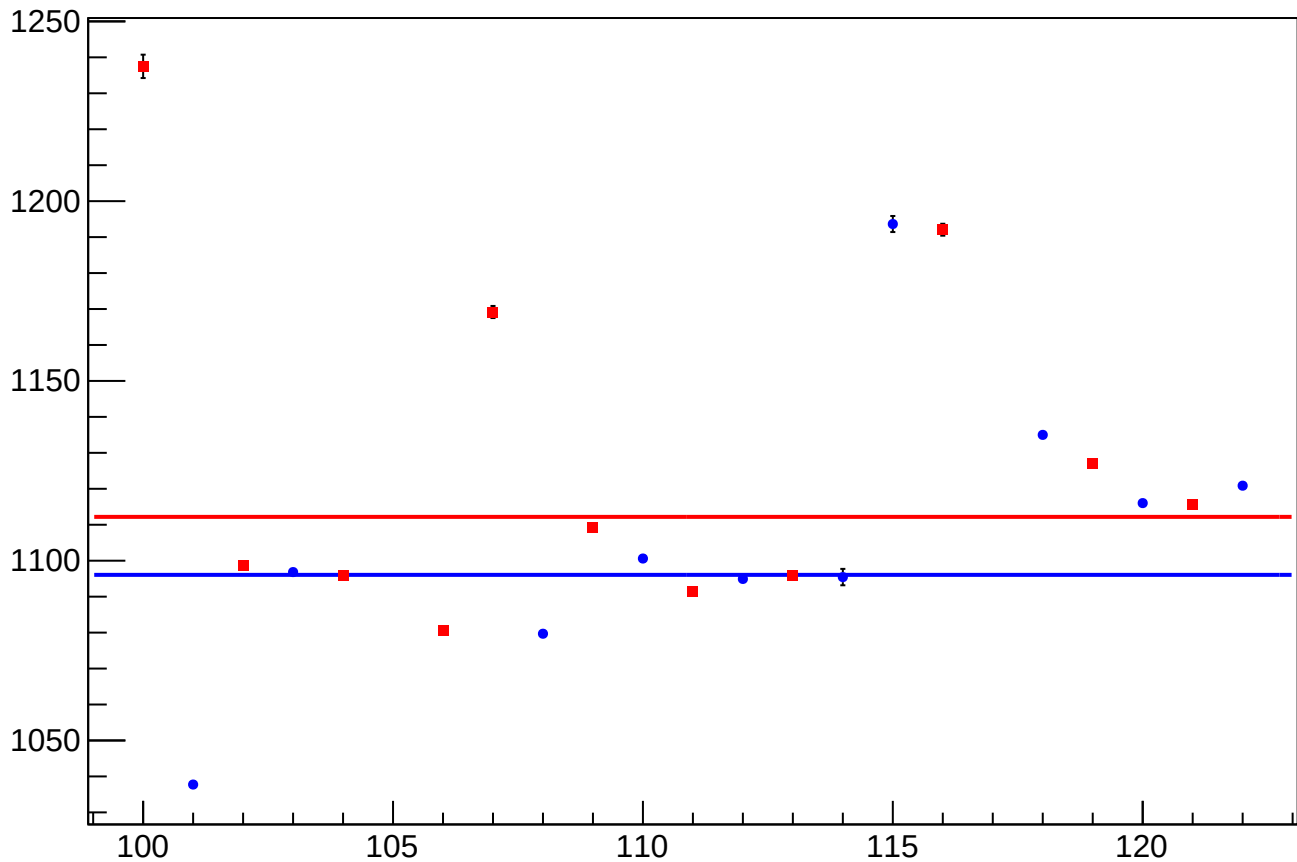
Right: 2107.440+/-375.336 χ^2/NDF : 11.0/20

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

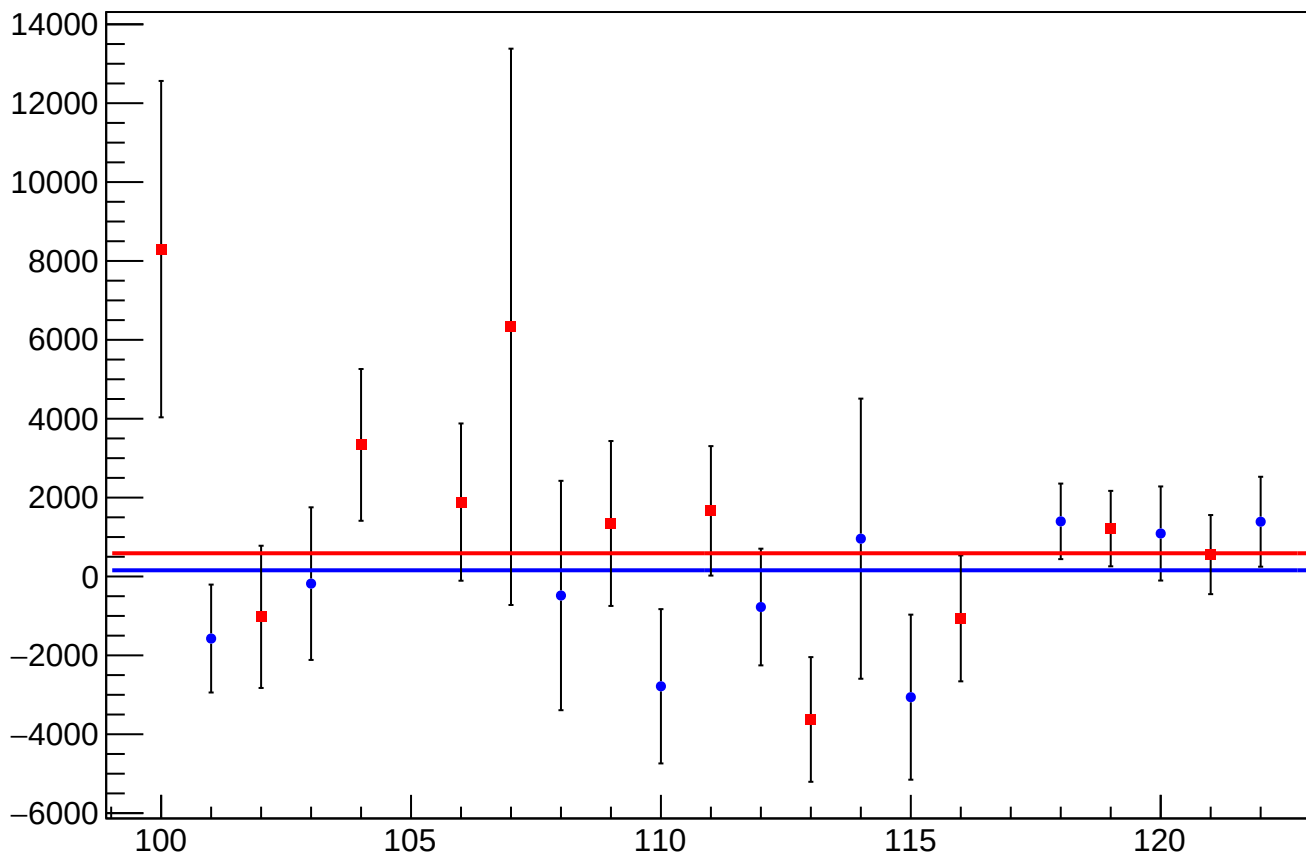
Right: 1104.448+/-0.265 χ^2/NDF : 15769.4/20

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

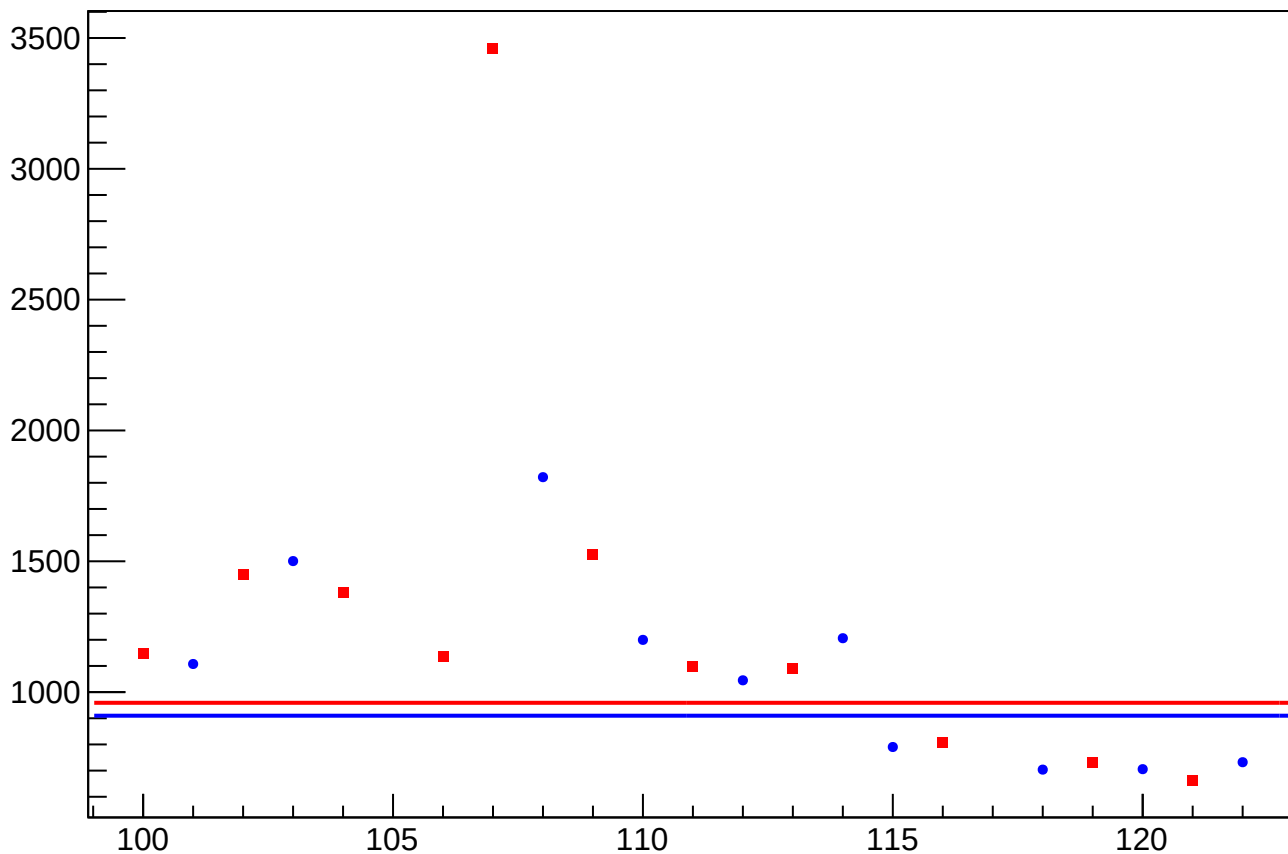
Right: 369.891+/-335.329 χ^2/NDF : 27.0/20

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

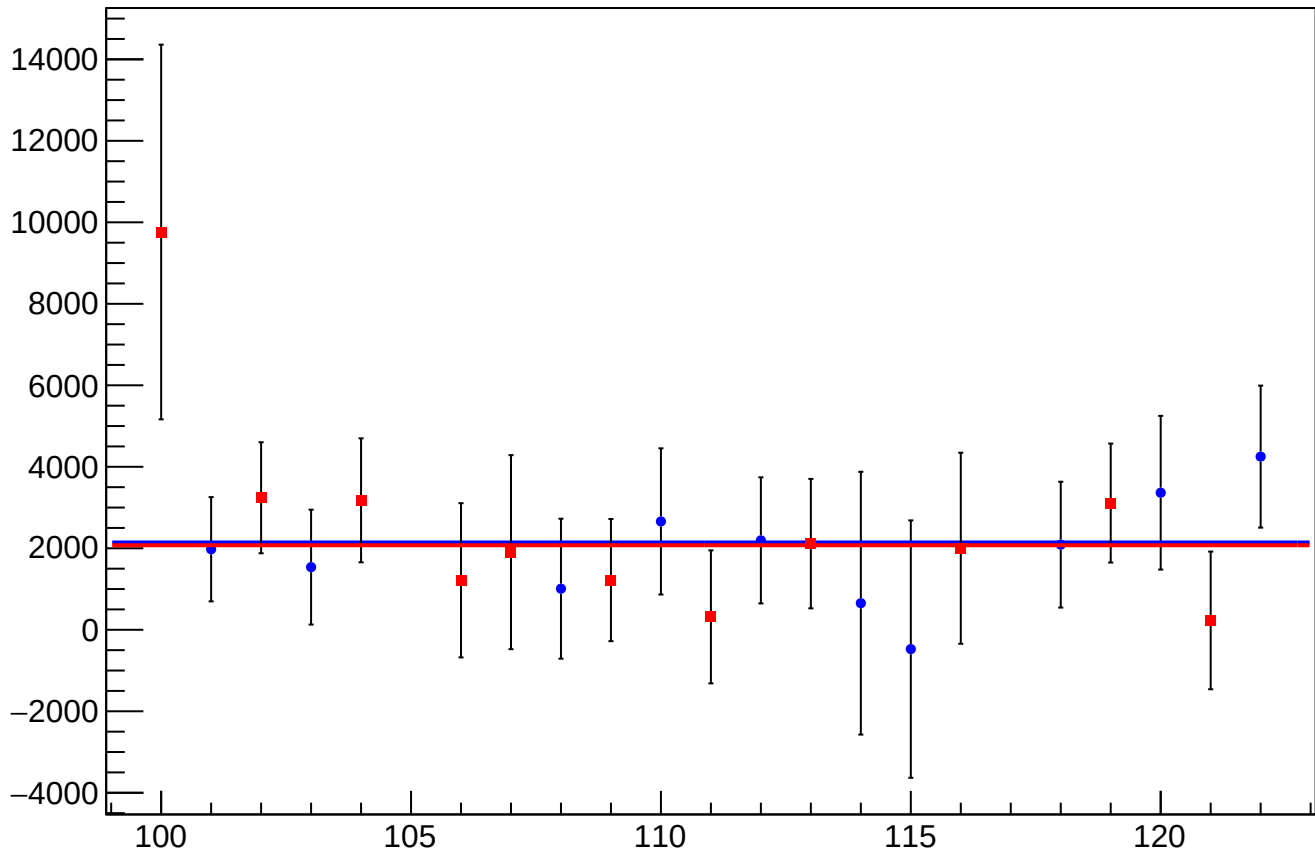
Right: 934.149+/-0.237 χ^2/NDF : 1713995.4/20

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

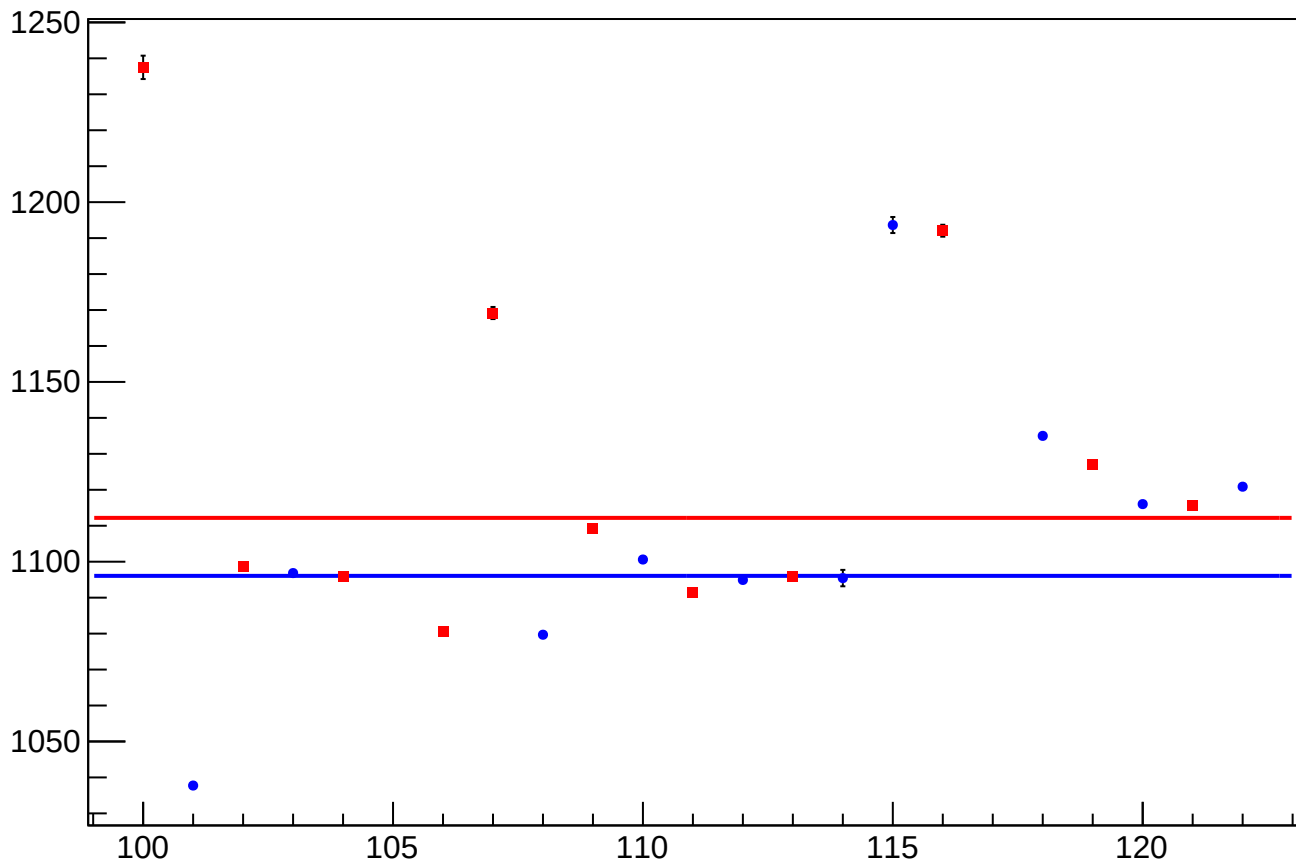
Right: 2107.439+/-375.336 χ^2/NDF : 11.0/20

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

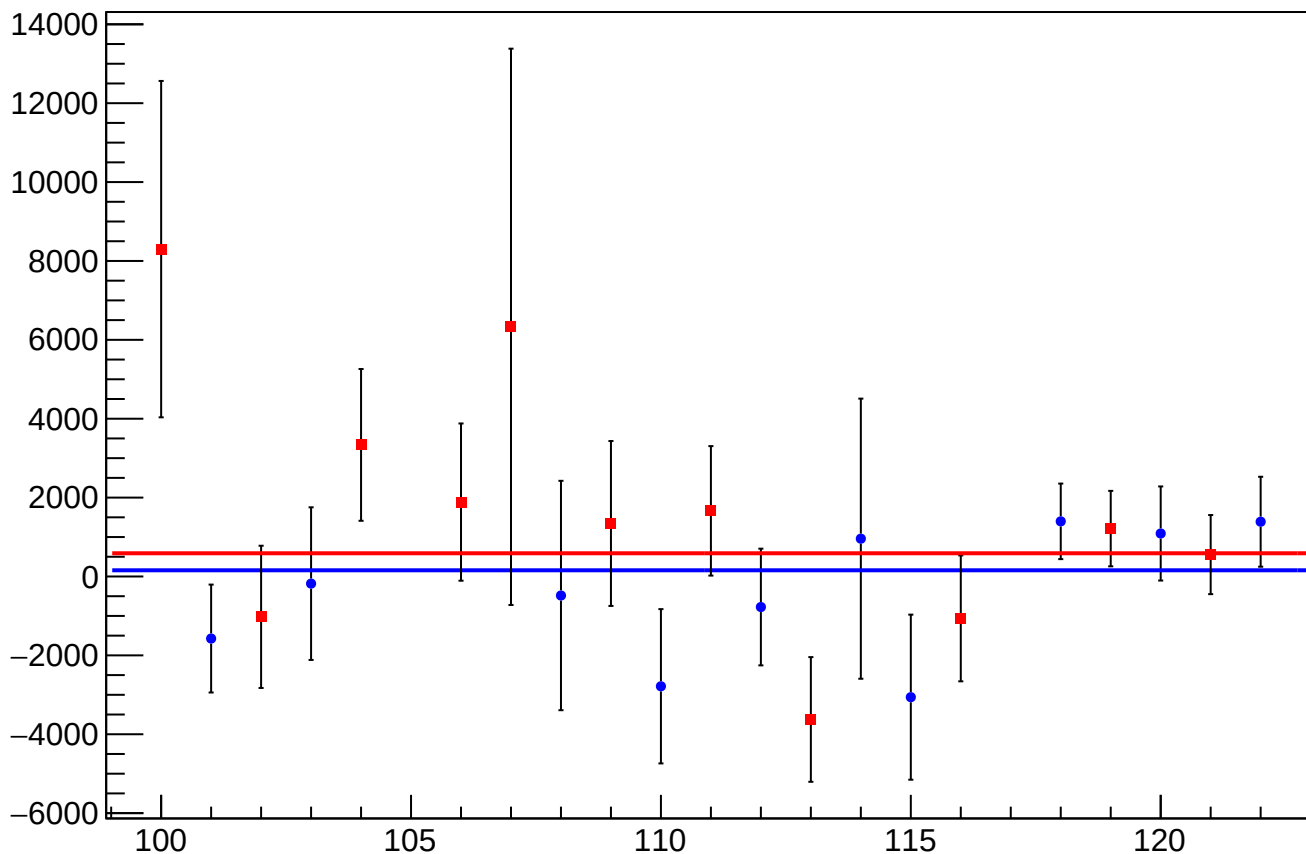
Right: 1104.448+/-0.265 χ^2/NDF : 15769.3/20

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

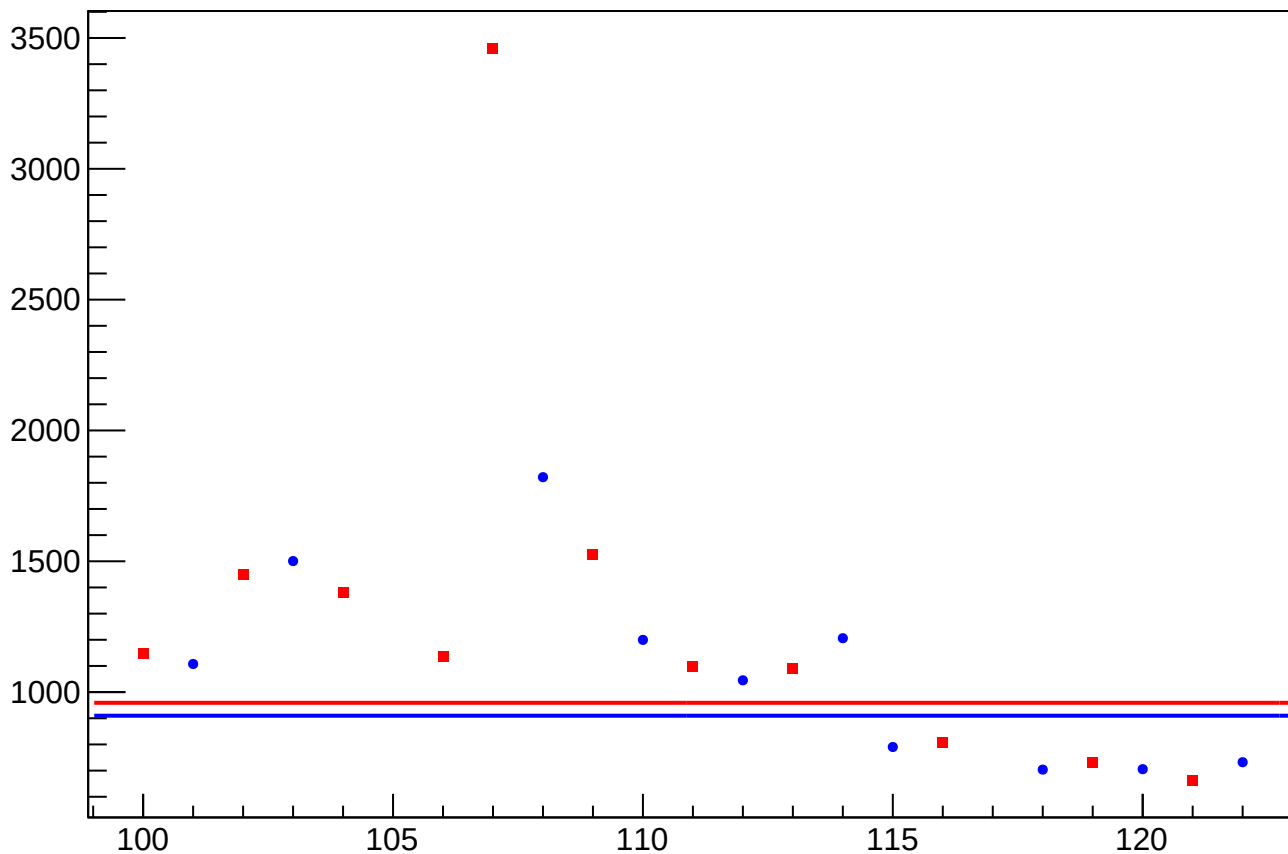
Right: 369.890+/-335.329 χ^2/NDF : 27.0/20

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

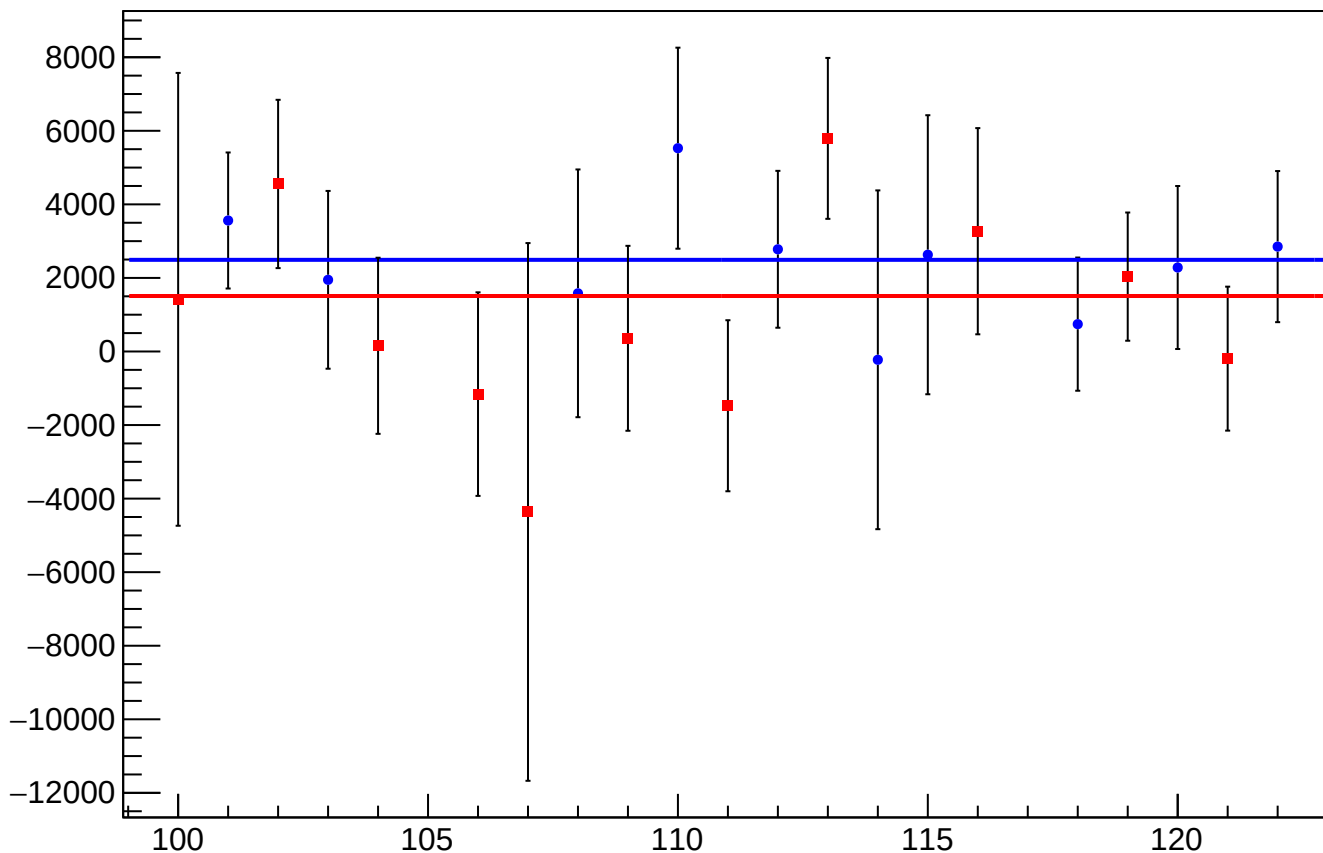
Right: 934.147+/-0.237 χ^2/NDF : 1713998.2/20

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

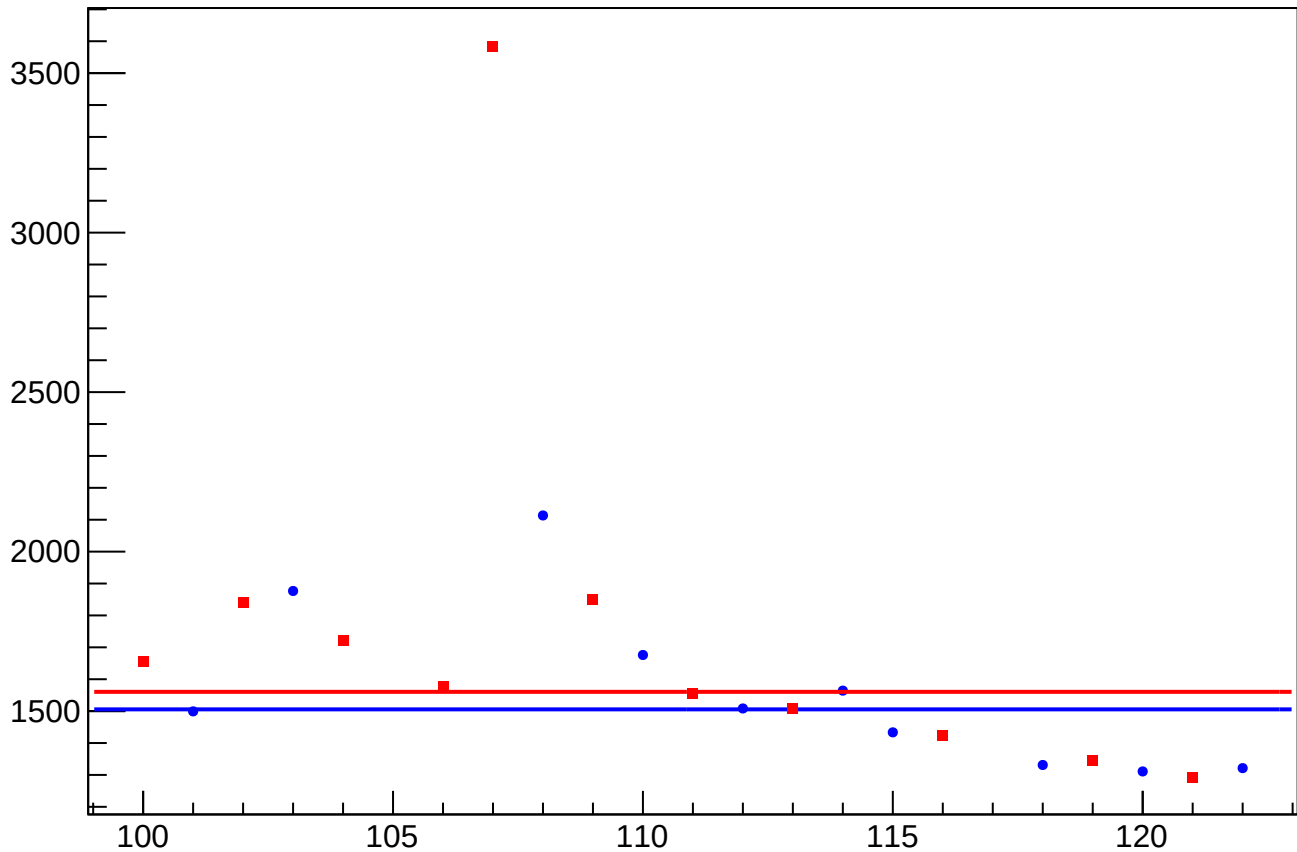
Right: 1994.136+/-528.604 χ^2/NDF : 14.5/20

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

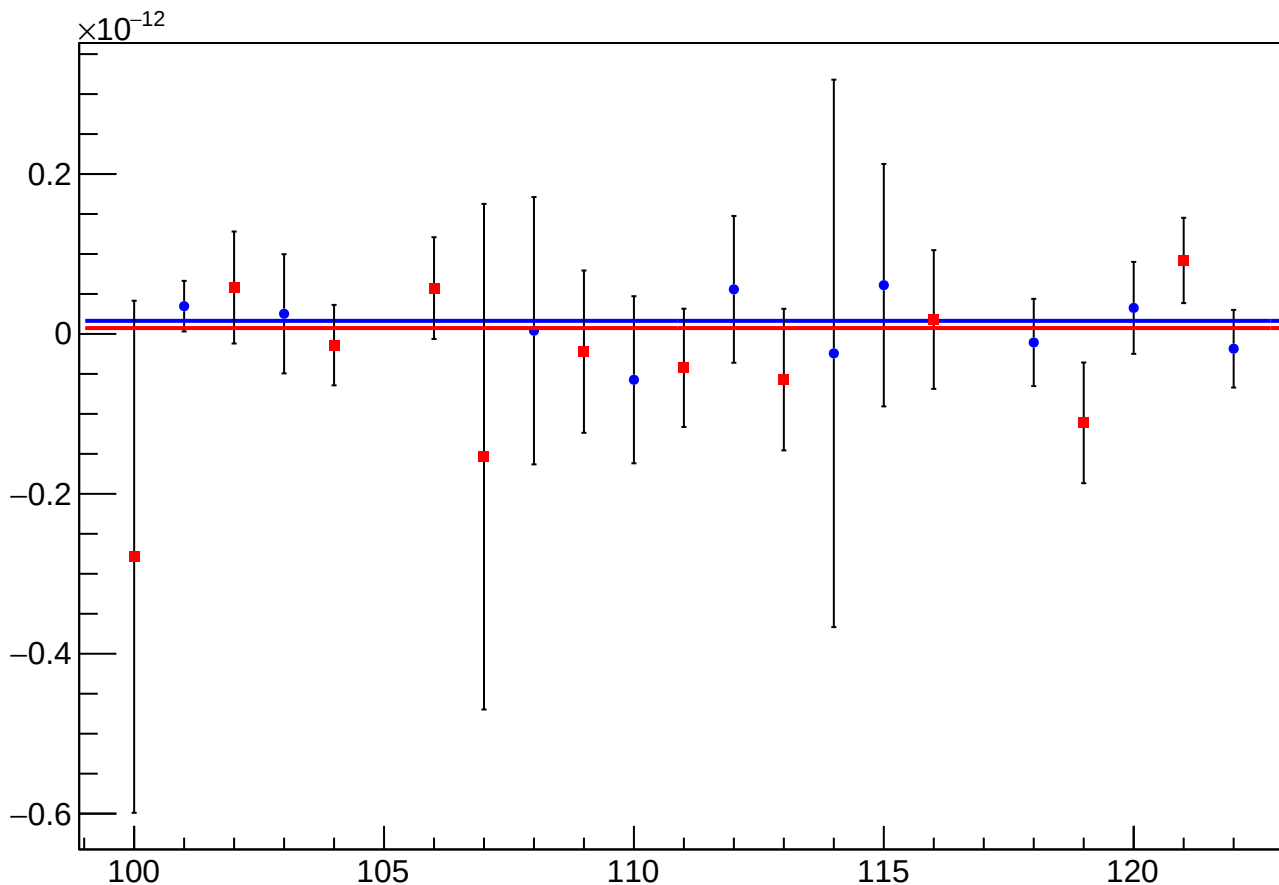
Right: 1533.320+/-0.374 χ^2/NDF : 470550.2/20

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

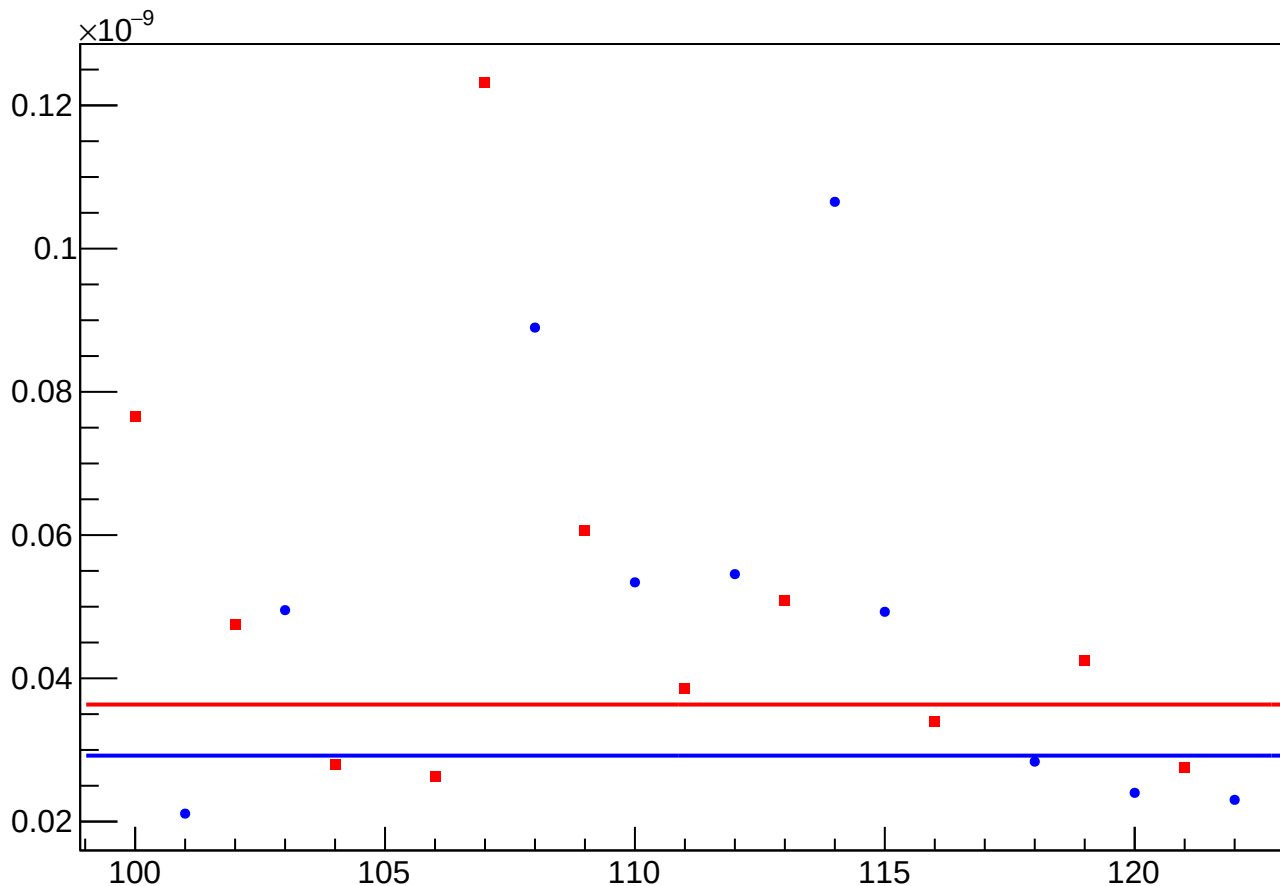
Right: 0.000+/-0.000 χ^2/NDF : 10.5/20

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

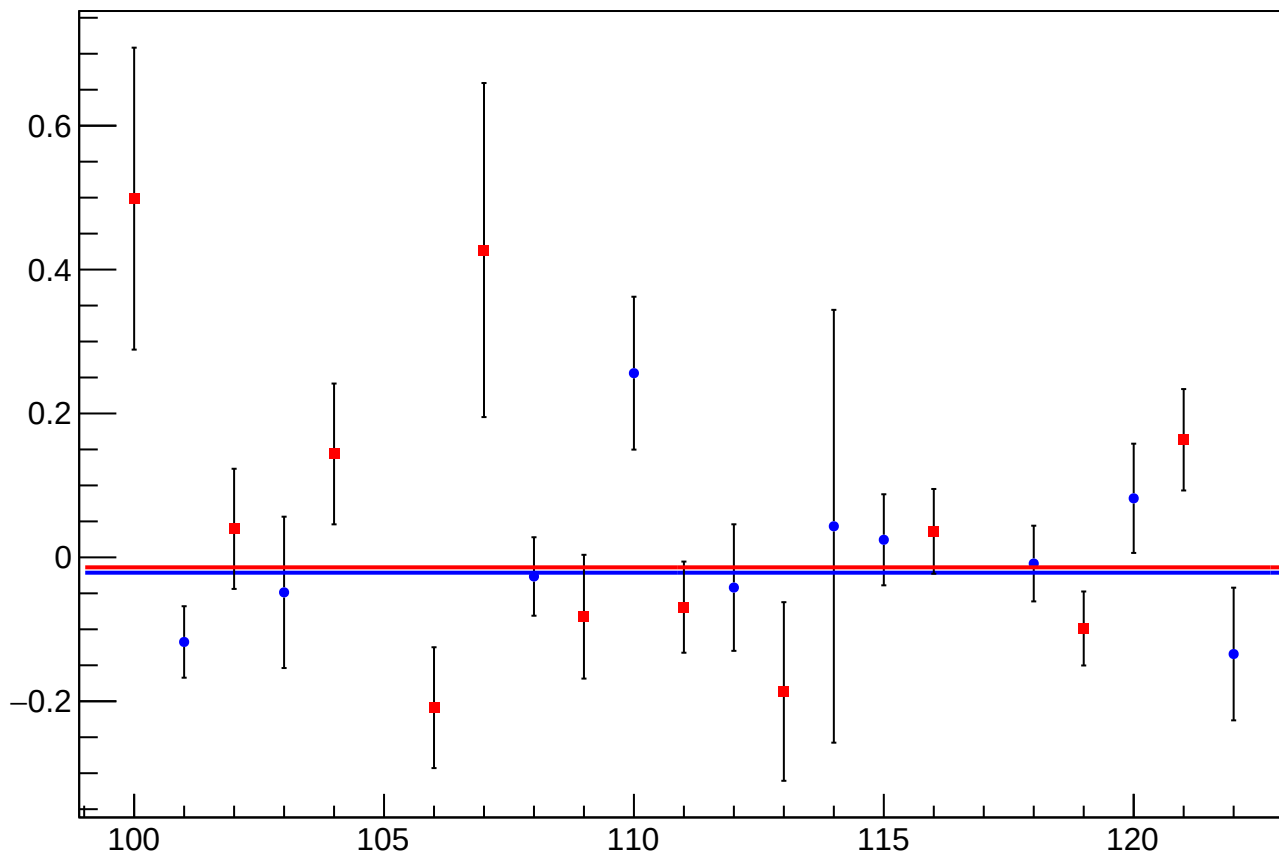
Right: 0.000+/-0.000 χ^2/NDF : 1671729.8/20

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

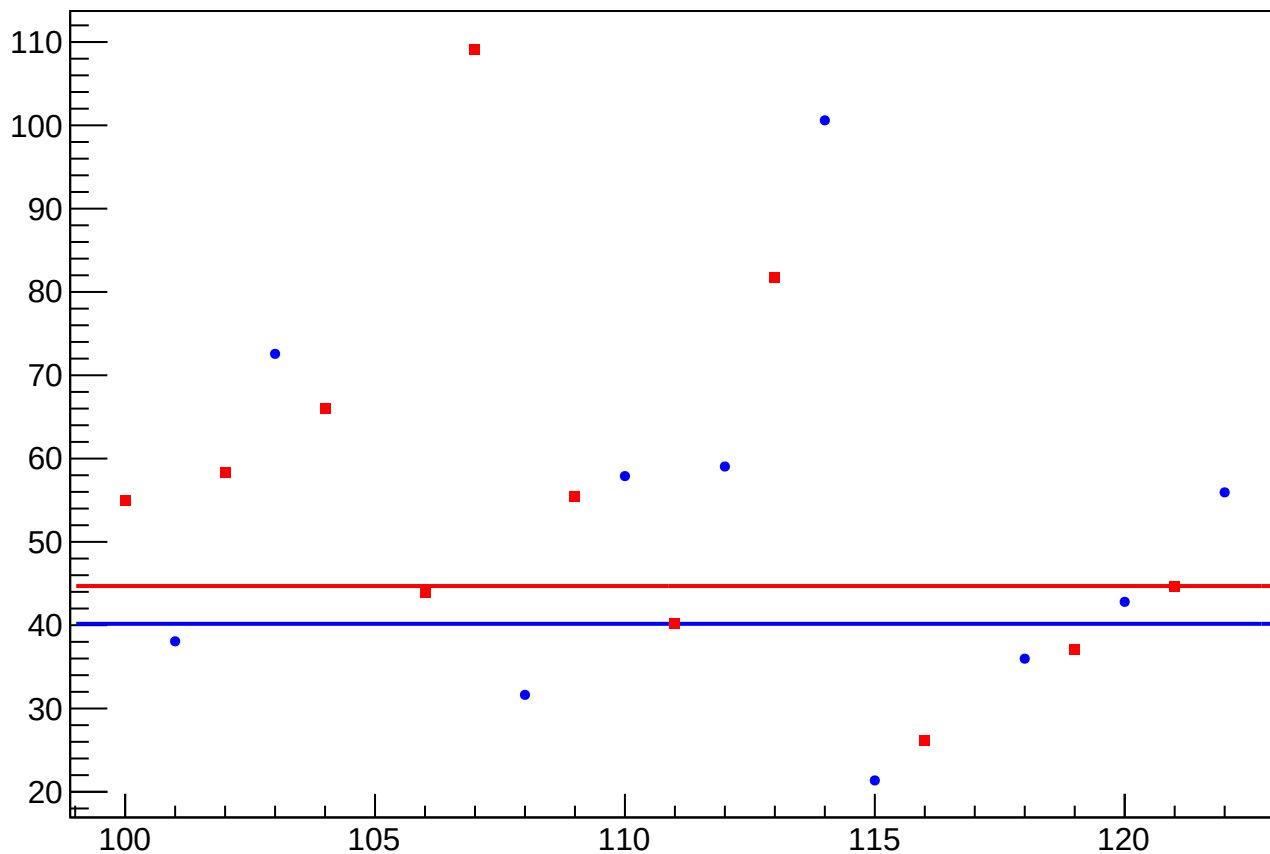
Right: -0.018+/-0.016 χ^2/NDF : 45.8/20

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

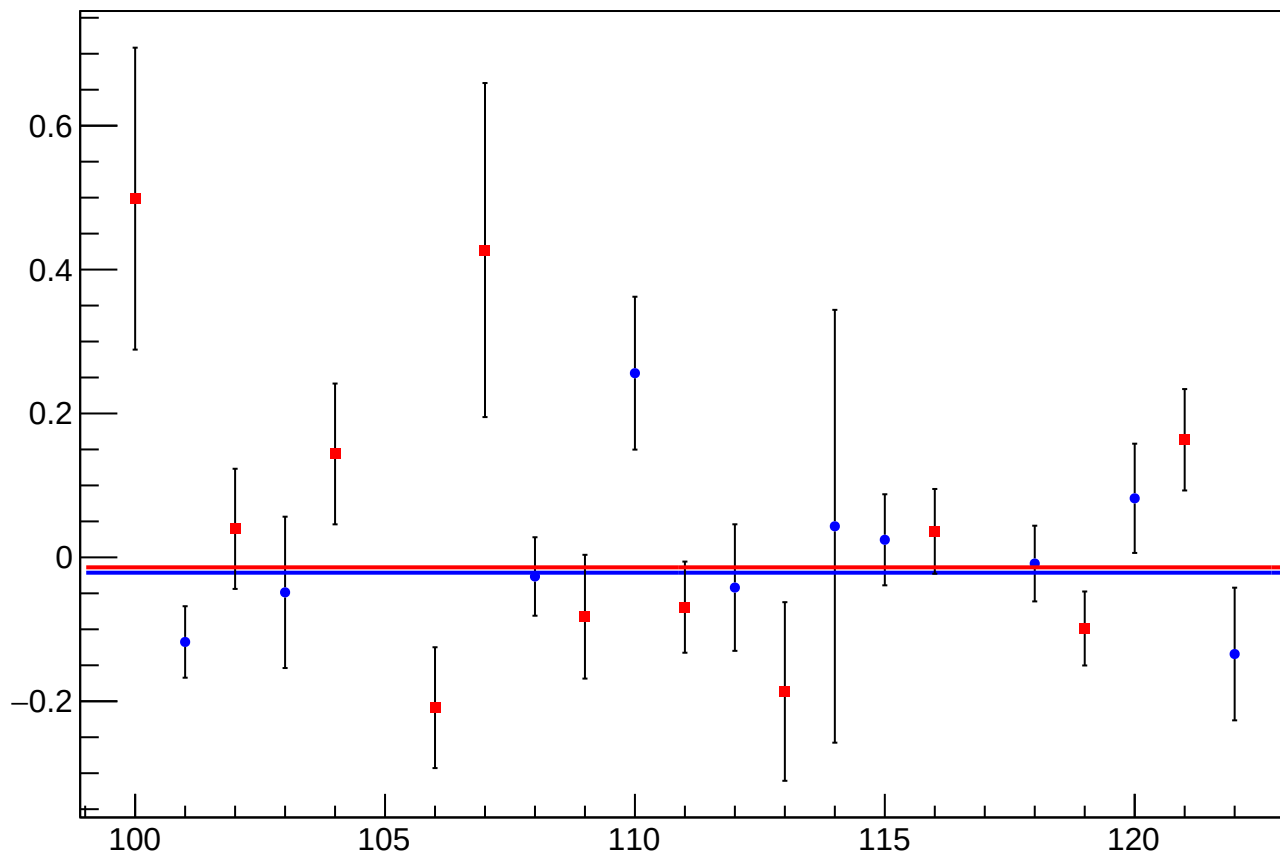
Right: 42.302+/-0.012 χ^2/NDF : 1525878.1/20

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 $\pm$ 0.023 χ^2 /NDF: 14.7/9

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

Right Out: -0.014 $\pm$ 0.024 χ^2 /NDF: 31.1/10

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

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

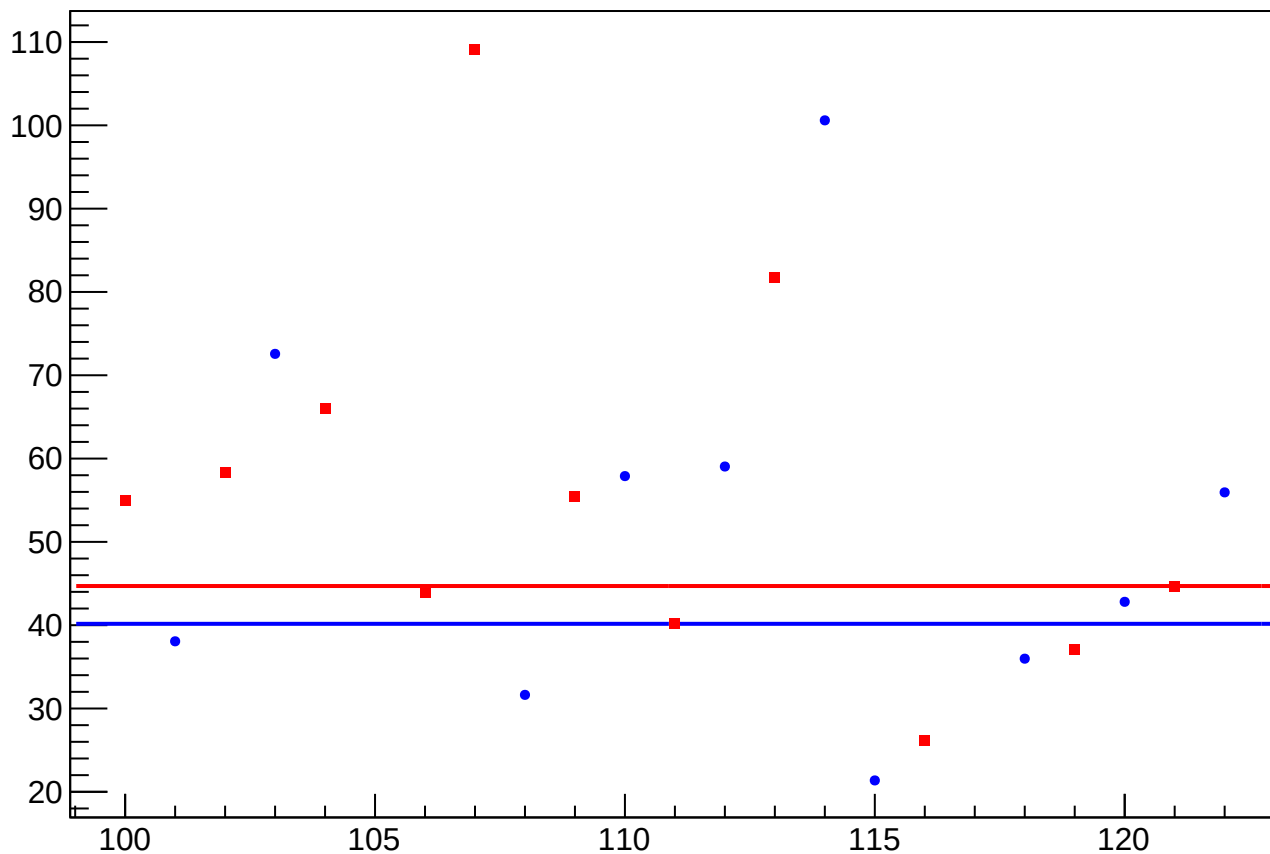
Right: -0.018 $\pm$ 0.016 χ^2 /NDF: 45.8/20

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 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

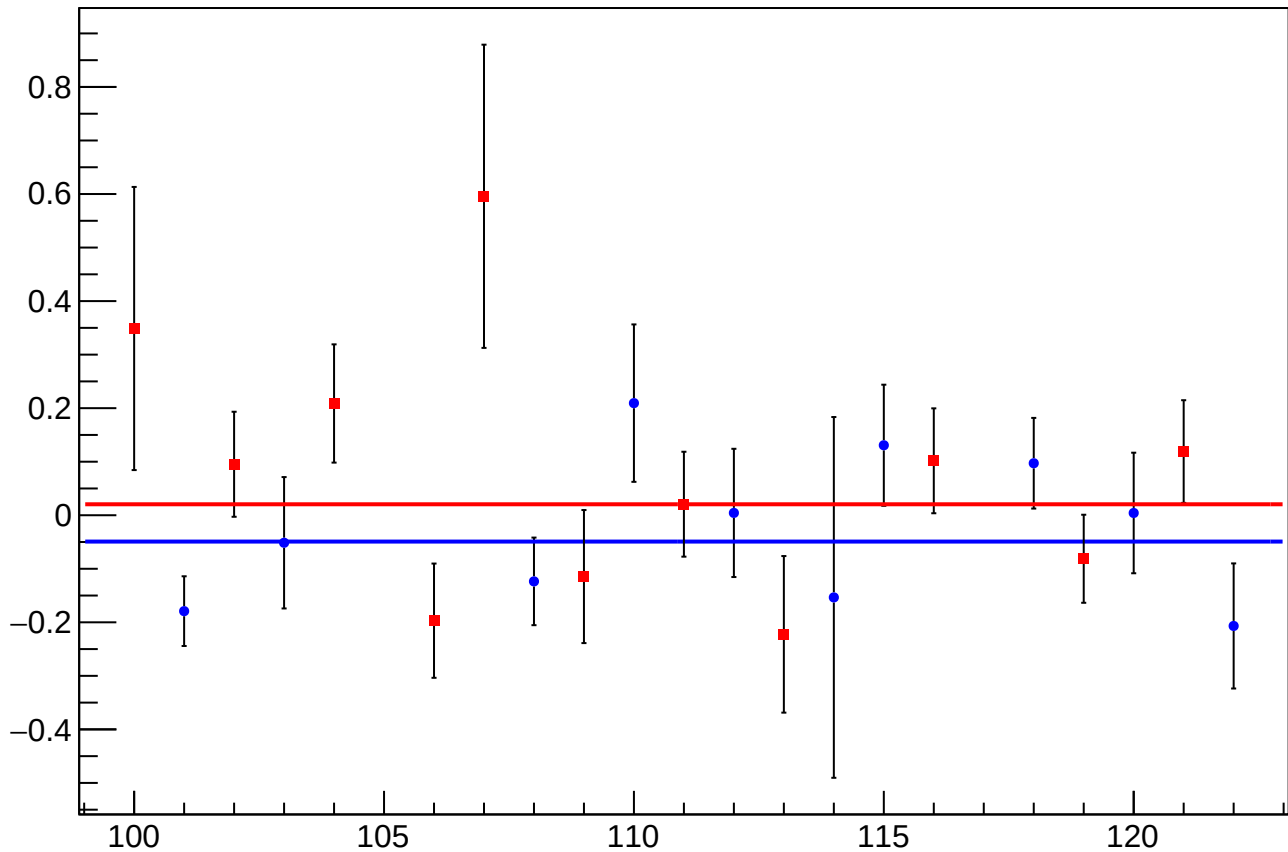
Right: 42.302+/-0.012 χ^2/NDF : 1525878.1/20

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

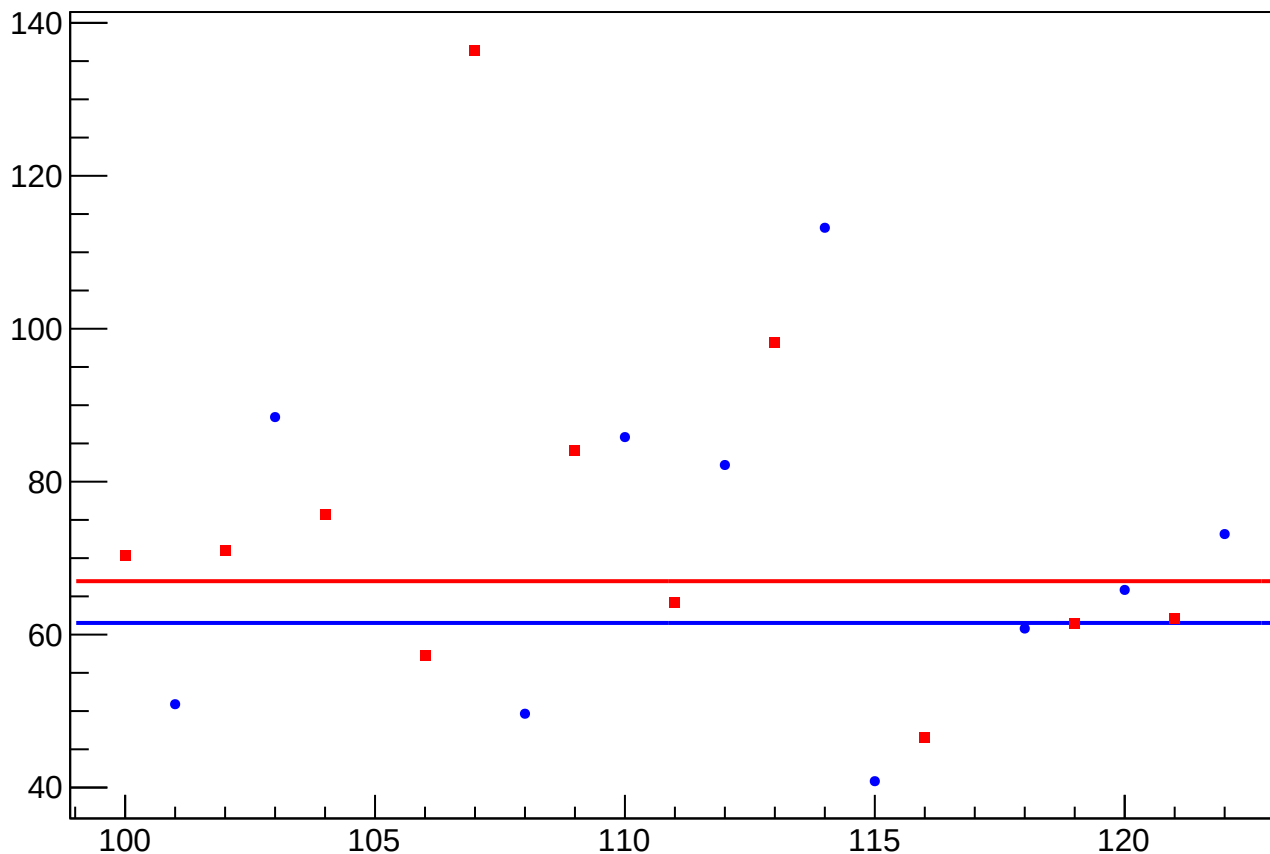
Right: -0.016+/-0.023 χ^2/NDF : 38.5/20

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

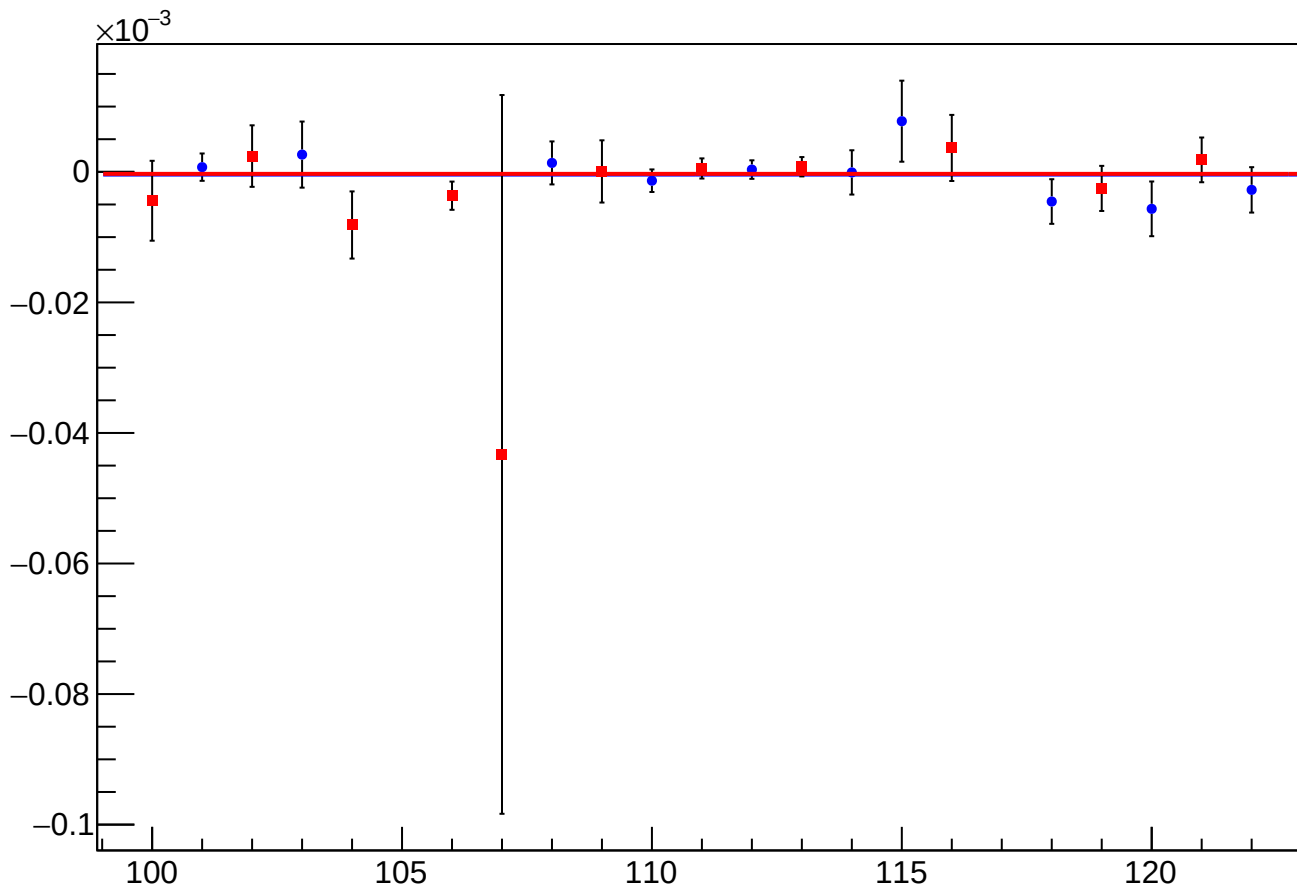
Right: 64.153+/-0.017 χ^2/NDF : 854914.8/20

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

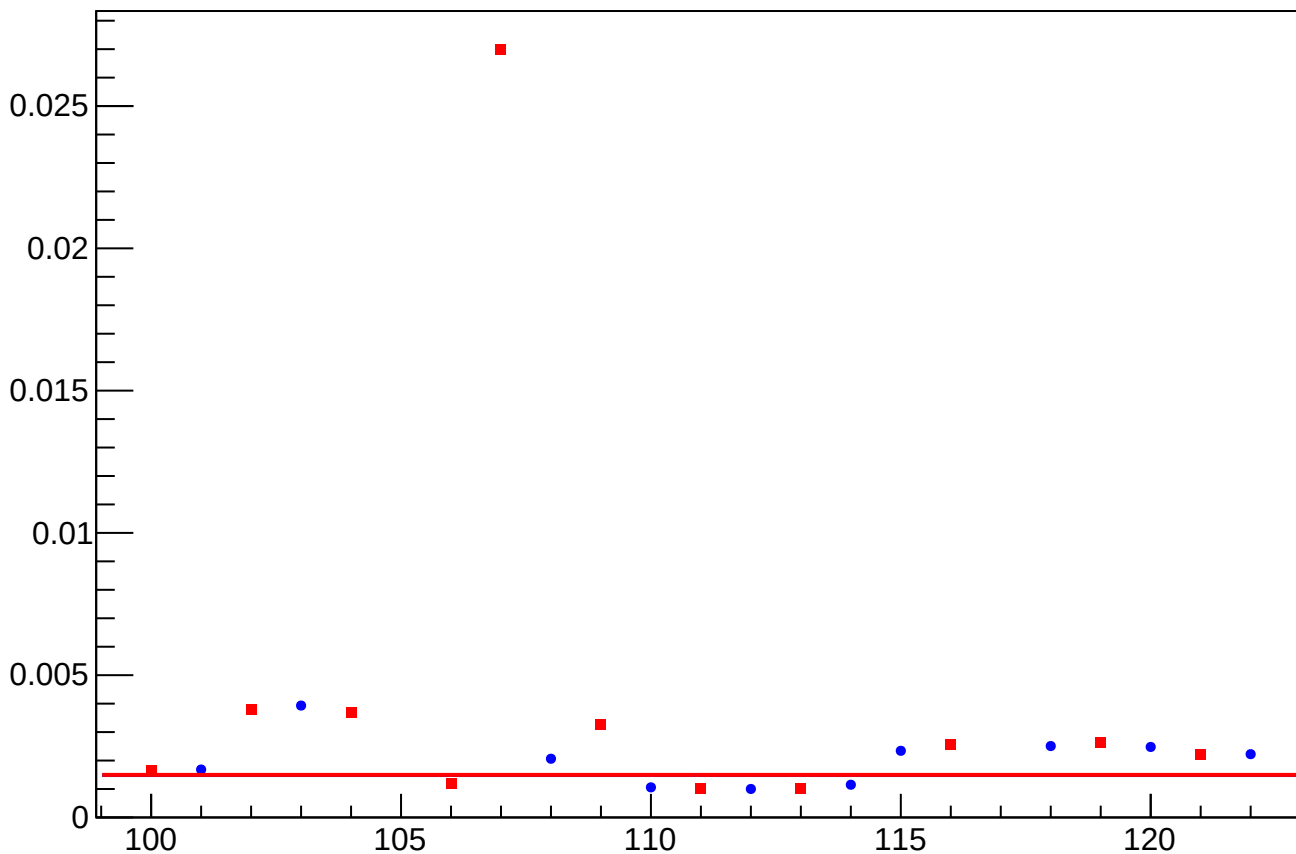
Right: -0.000+/-0.000 χ^2 /NDF: 15.1/20

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

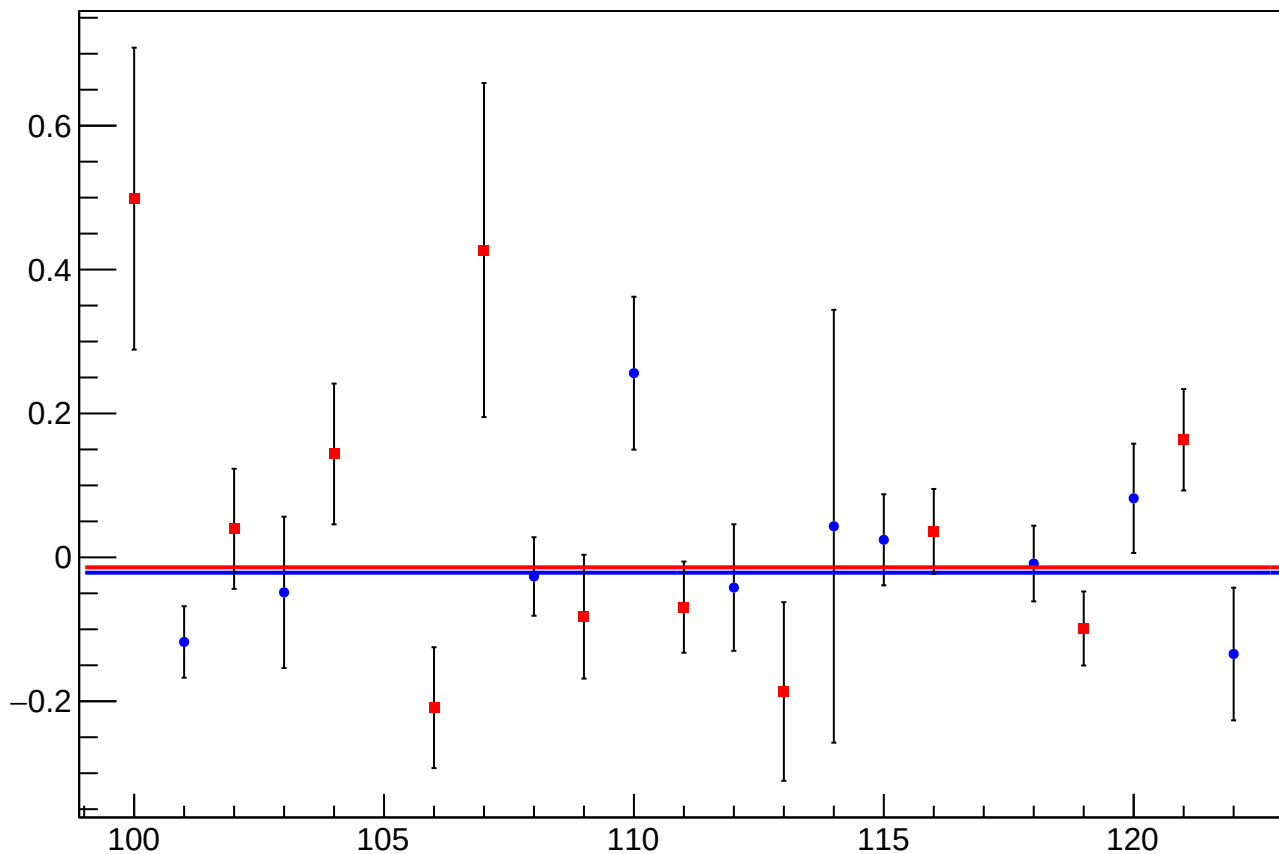
Right: 0.001+/-0.000 χ^2/NDF : 3710025.5/20

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

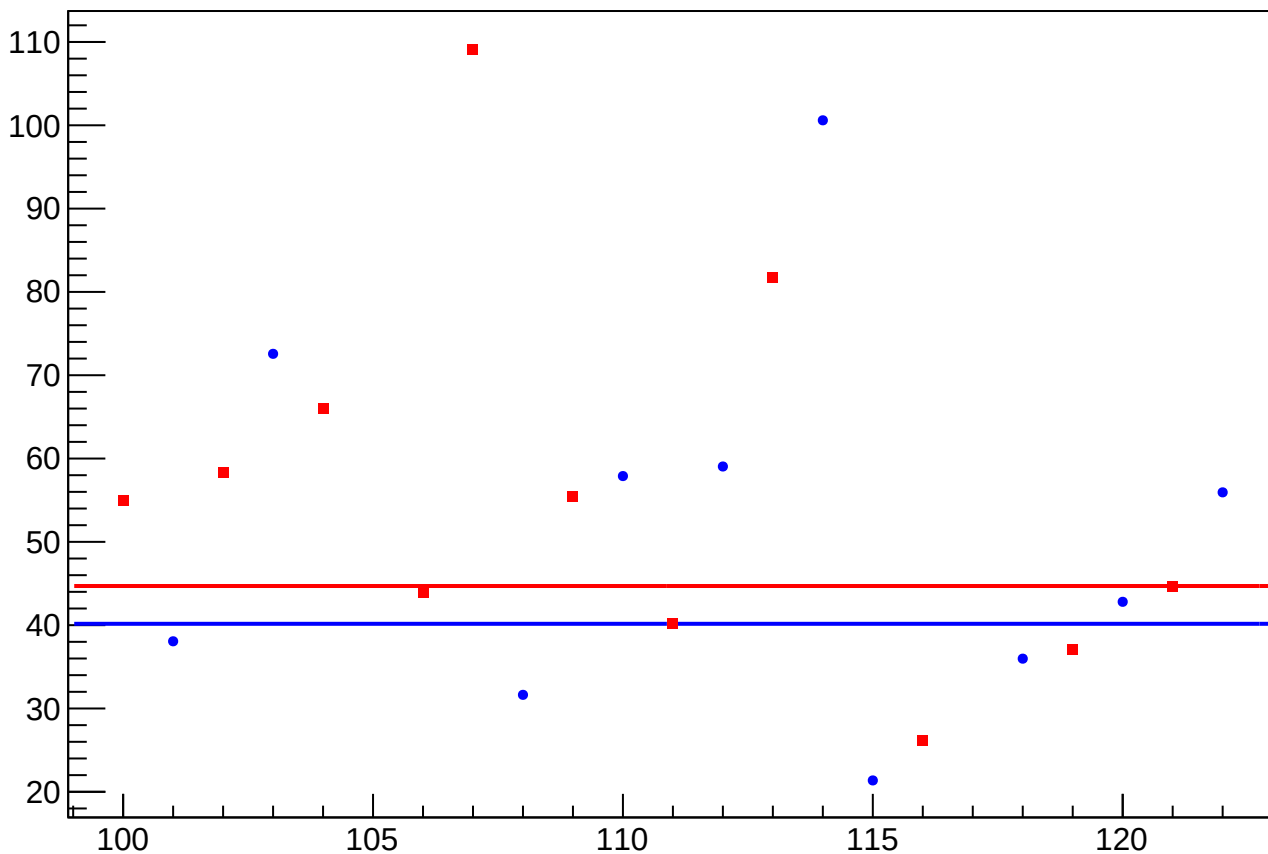
Right: -0.018+/-0.016 χ^2/NDF : 45.8/20

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

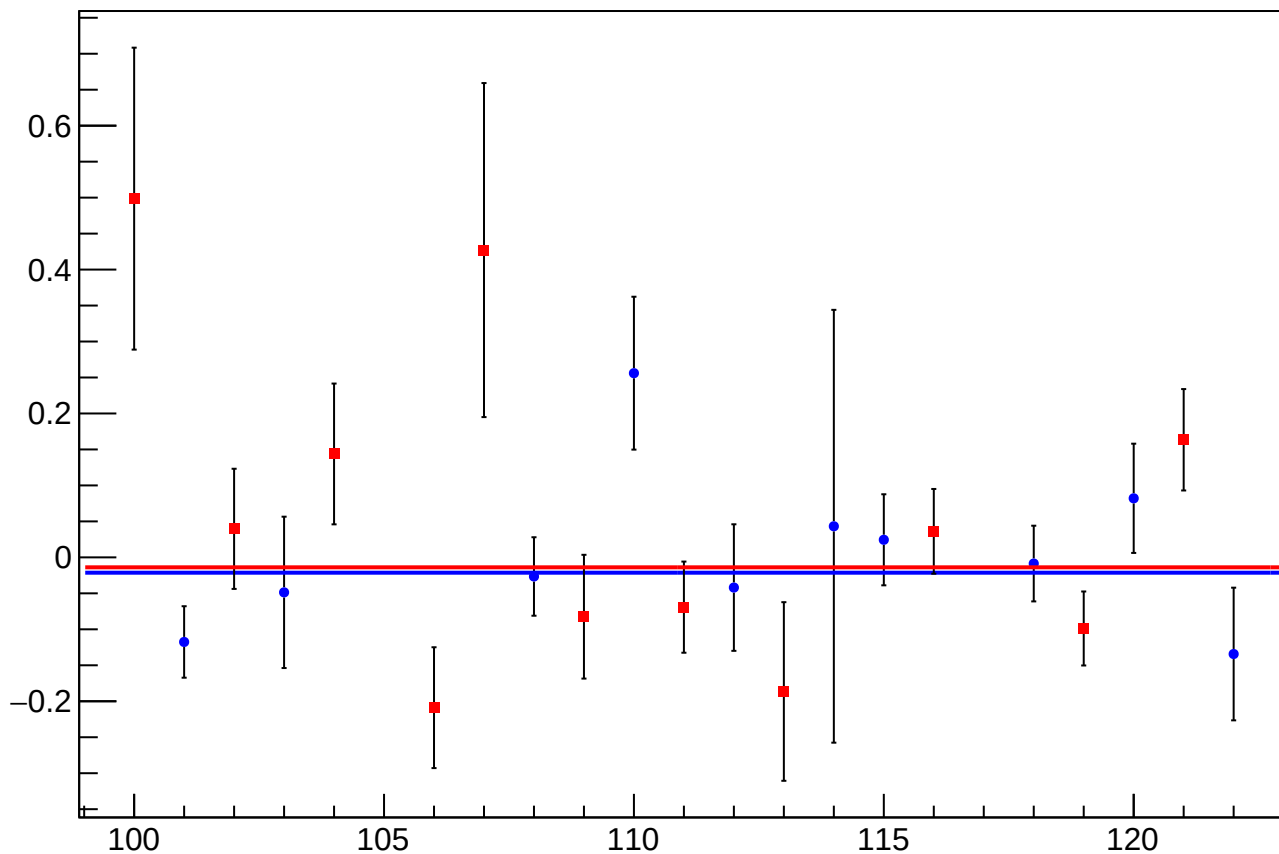
Right: 42.301+/-0.012 χ^2/NDF : 1525962.8/20

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

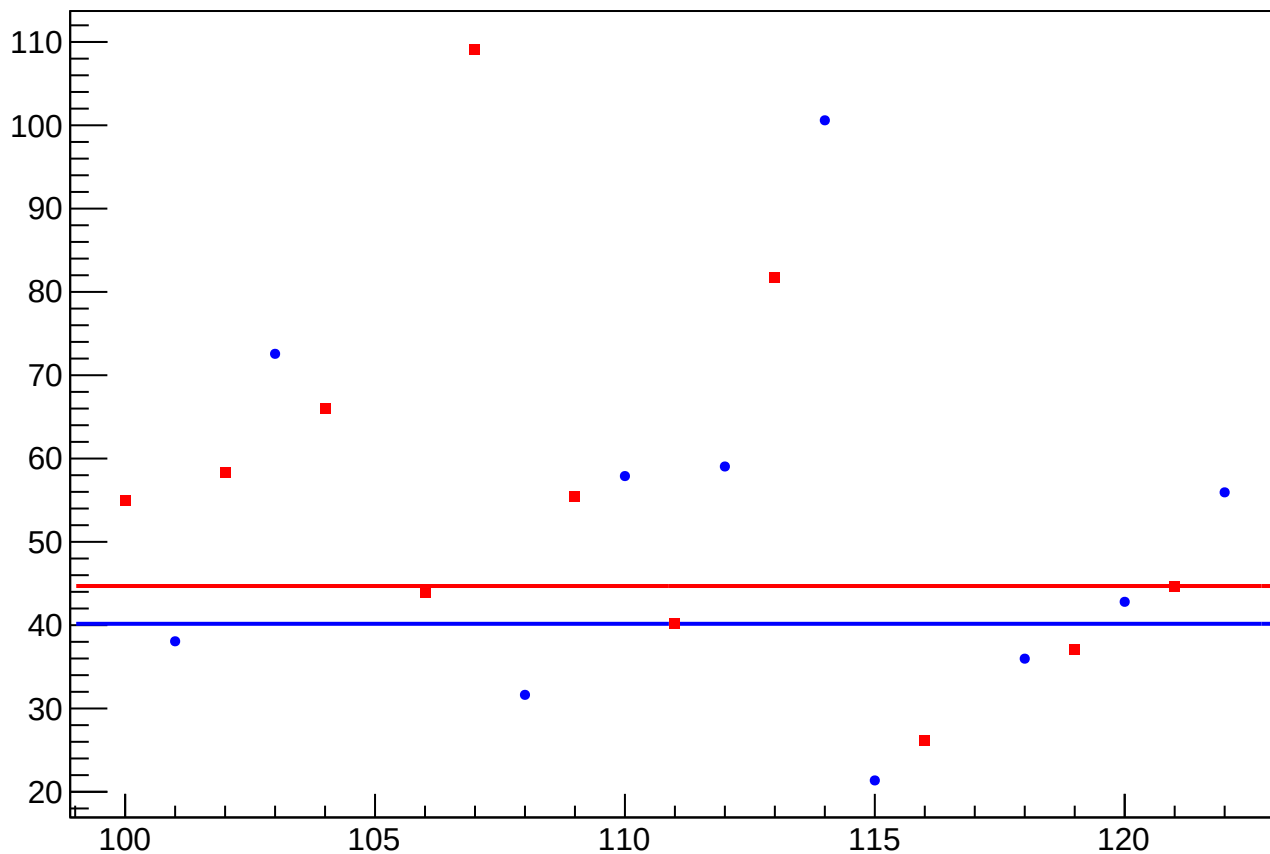
Right: -0.018 ± 0.016 χ^2/NDF : 45.8/20

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

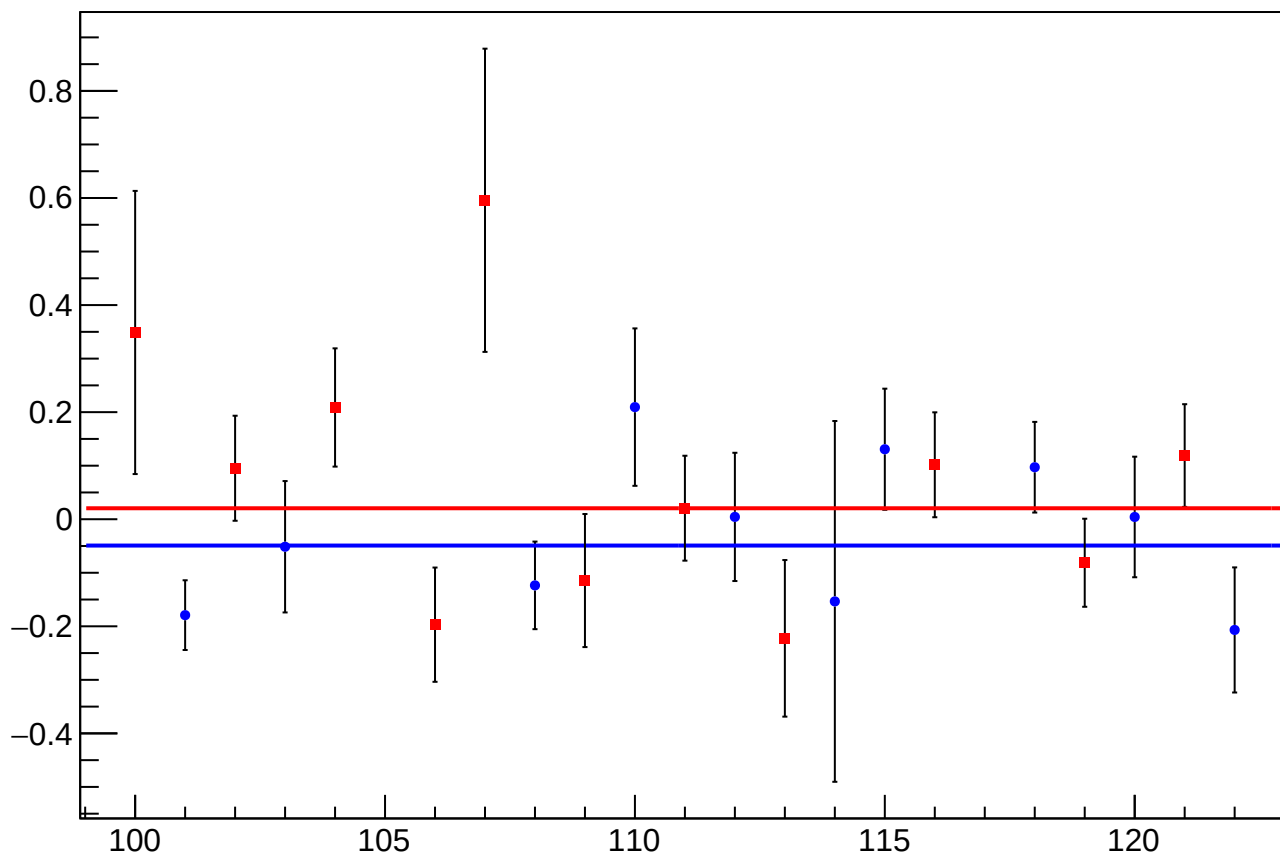
Right: 42.301+/-0.012 χ^2/NDF : 1525962.8/20

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

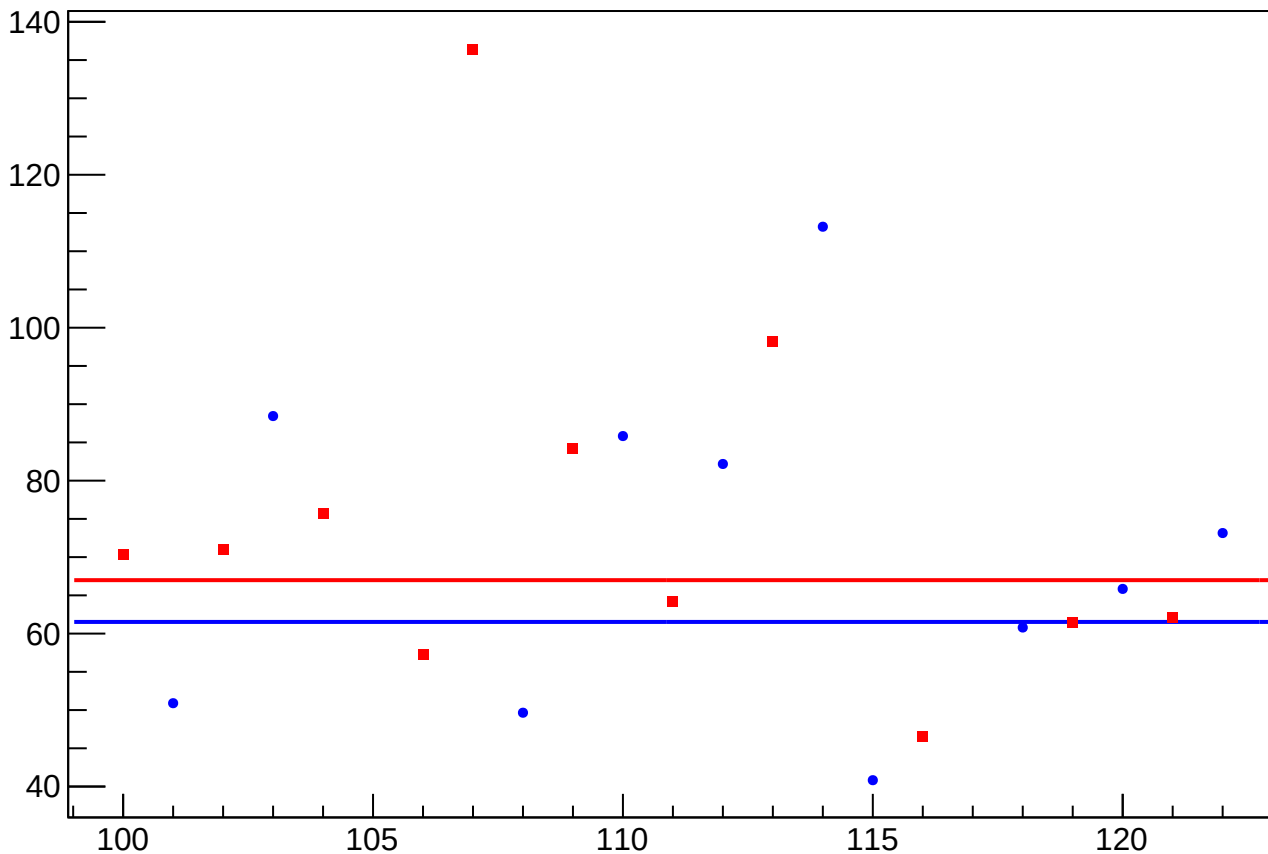
Right: -0.016+/-0.023 χ^2/NDF : 38.5/20

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

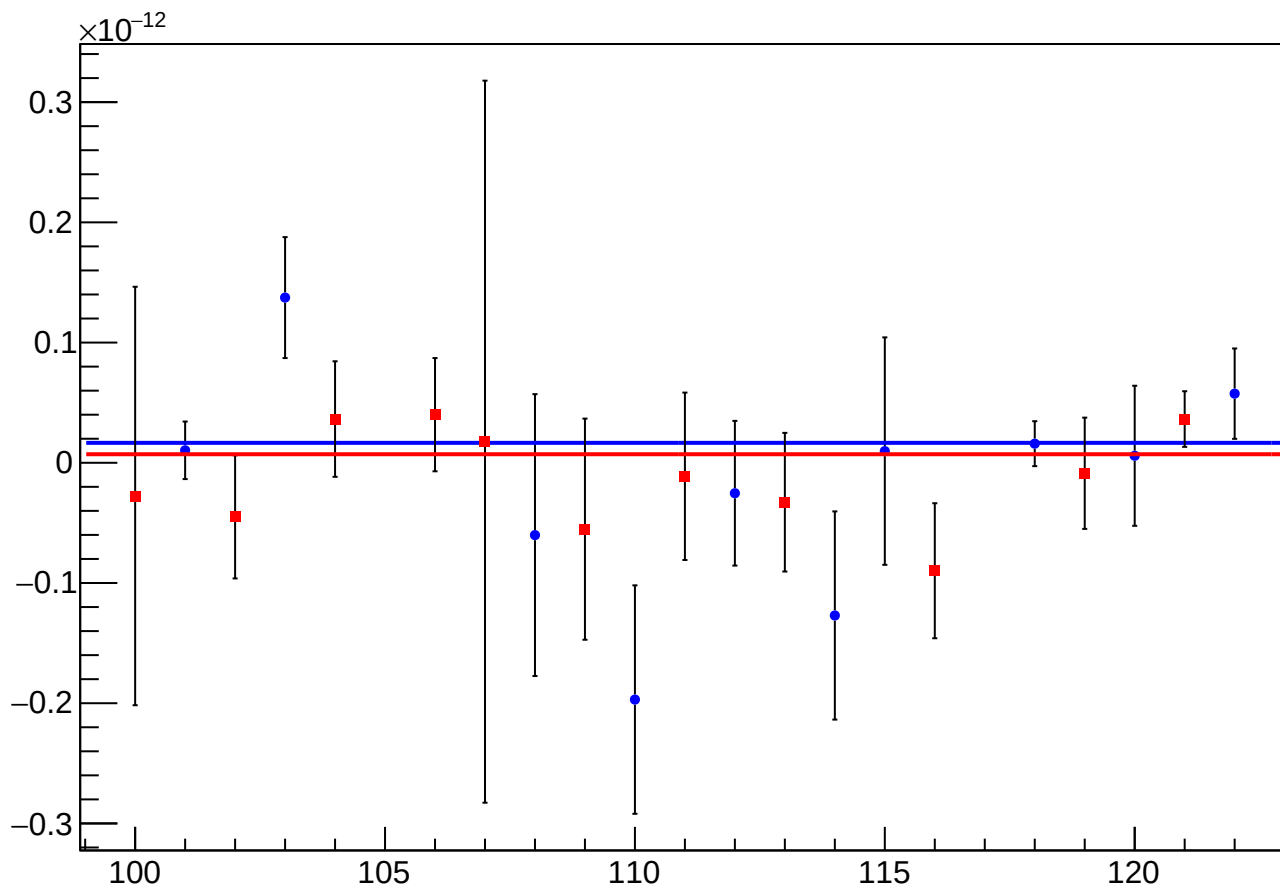
Right: 64.153+/-0.017 χ^2/NDF : 854909.4/20

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

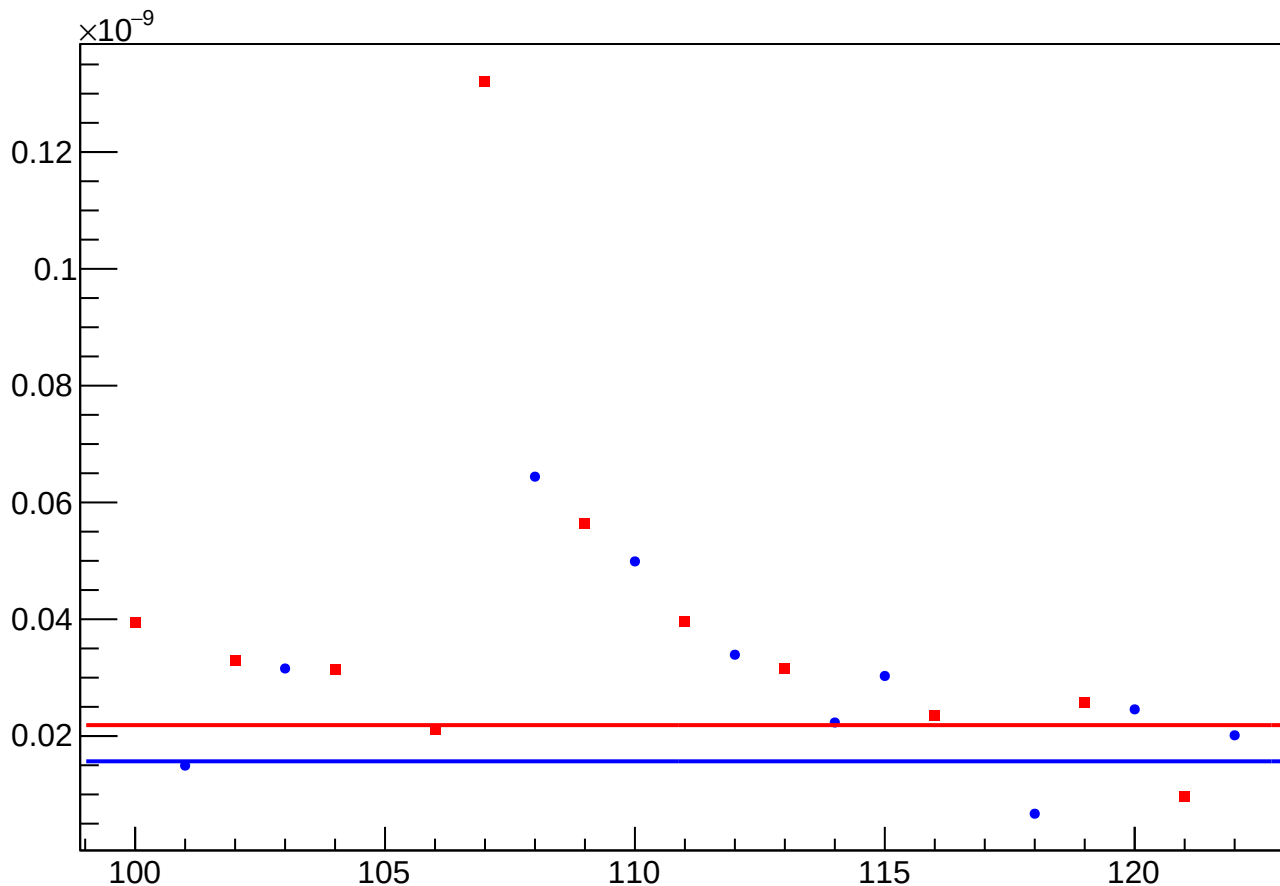
Right: 0.000+/-0.000 χ^2/NDF : 23.7/20

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

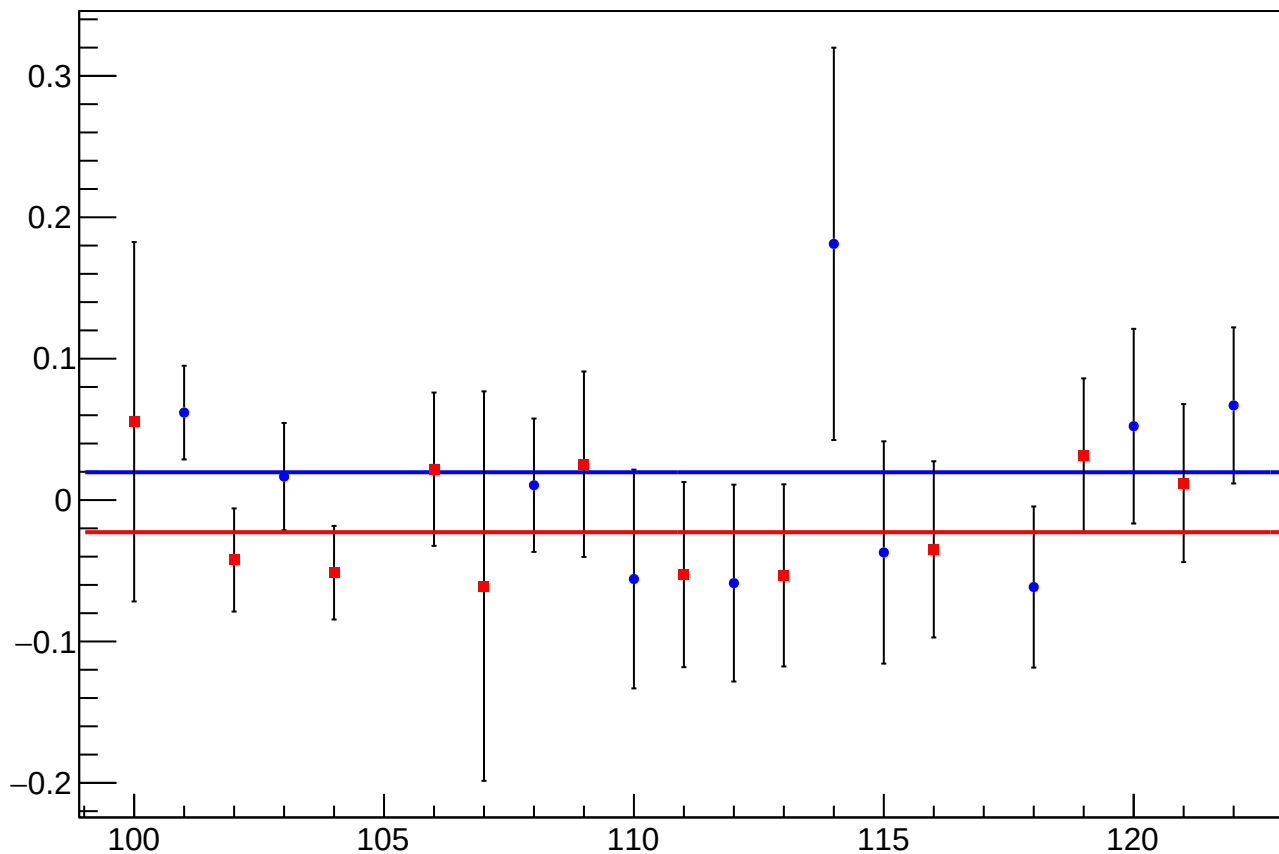
Right: 0.000+/-0.000 χ^2/NDF : 3292820.5/20

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+/-0.017 χ^2/NDF : 8.8/9

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

Right Out: -0.023+/-0.016 χ^2/NDF : 4.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

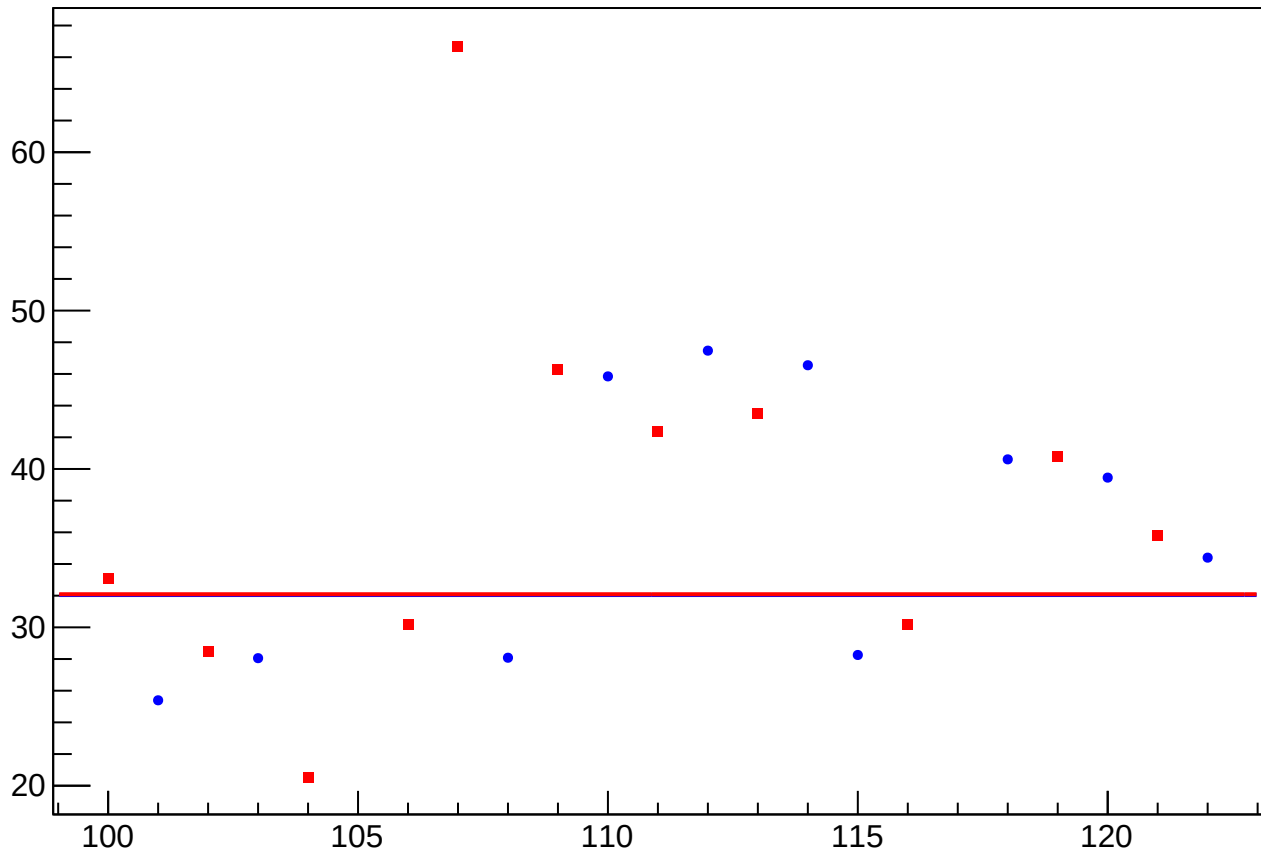
Right: -0.002+/-0.012 χ^2/NDF : 16.5/20

In: 0.020+/-0.017 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-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

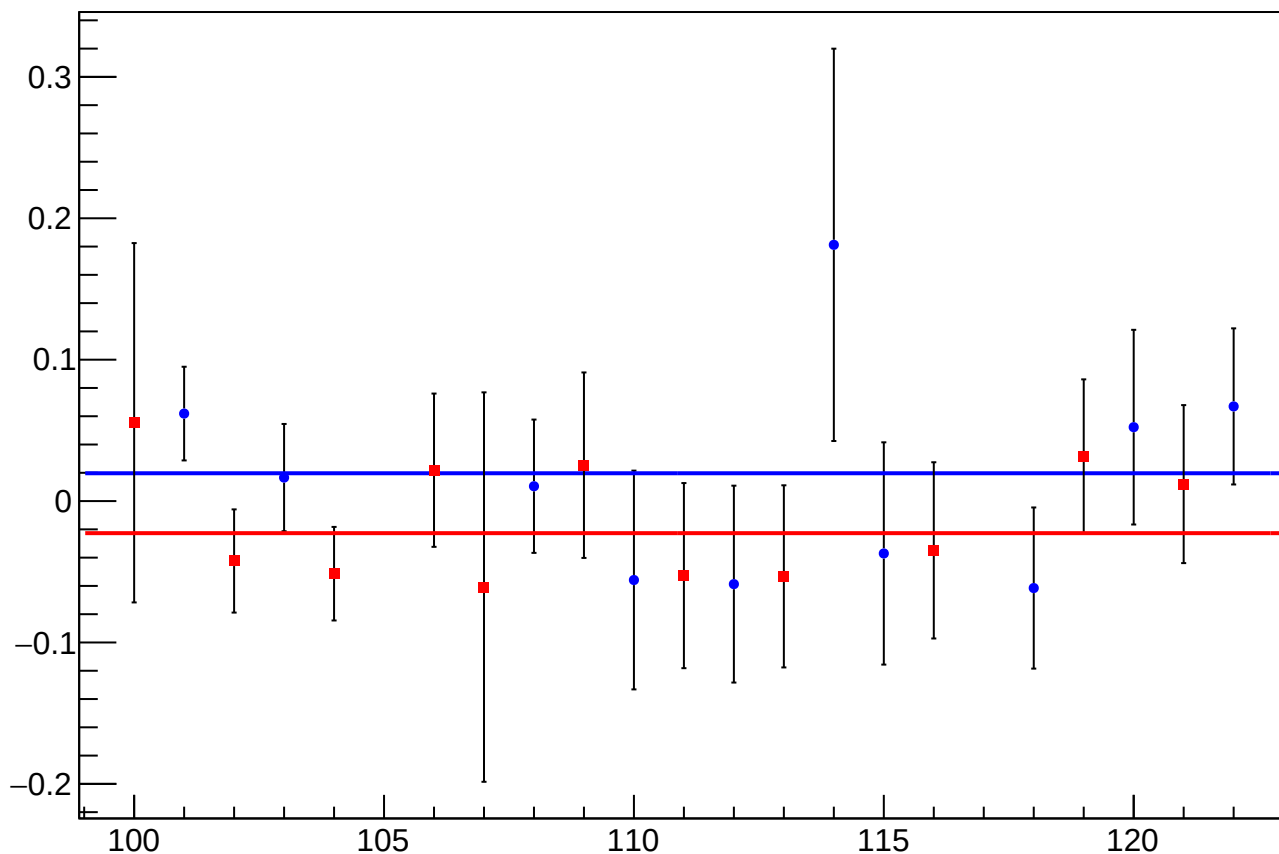
Right: 32.067+/-0.008 χ^2/NDF : 1037907.1/20

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

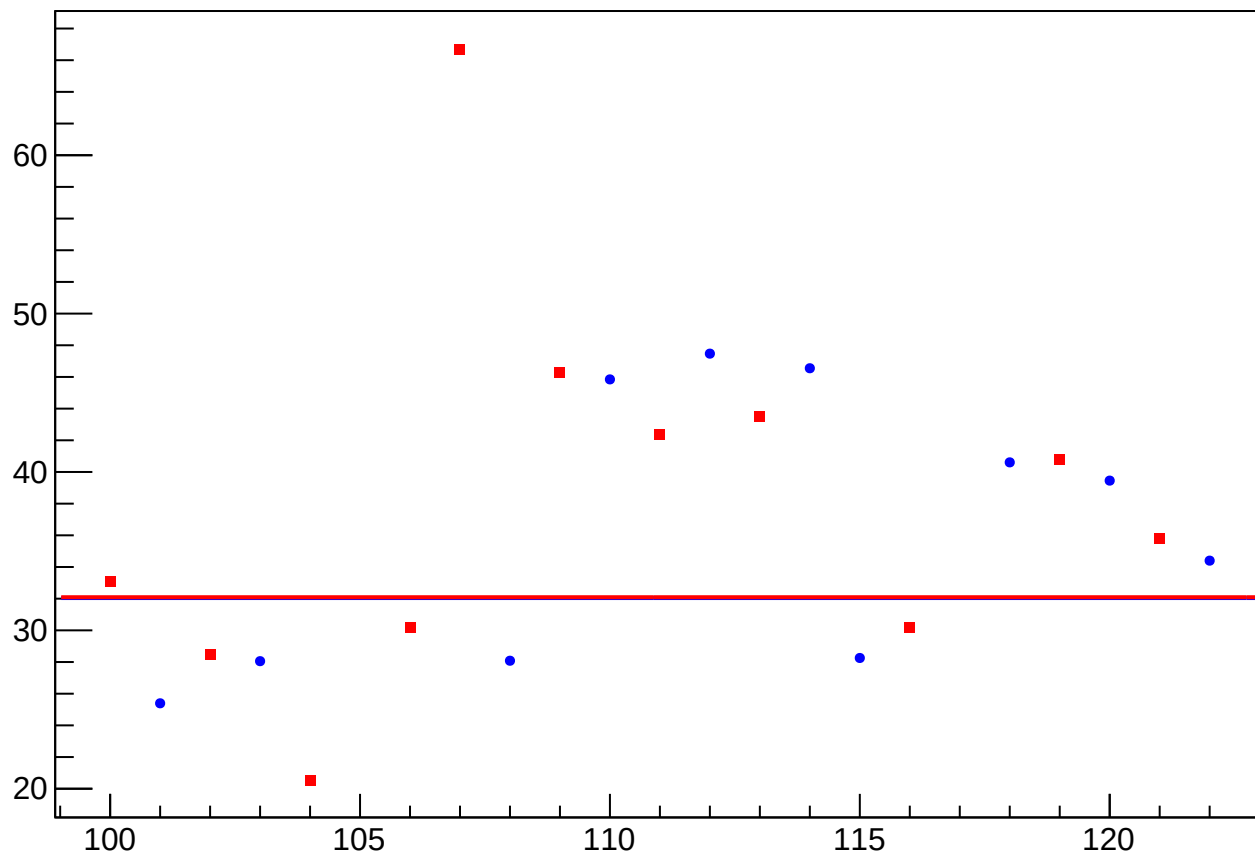
Right: -0.002 $\pm$ 0.012 χ^2 /NDF: 16.5/20

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

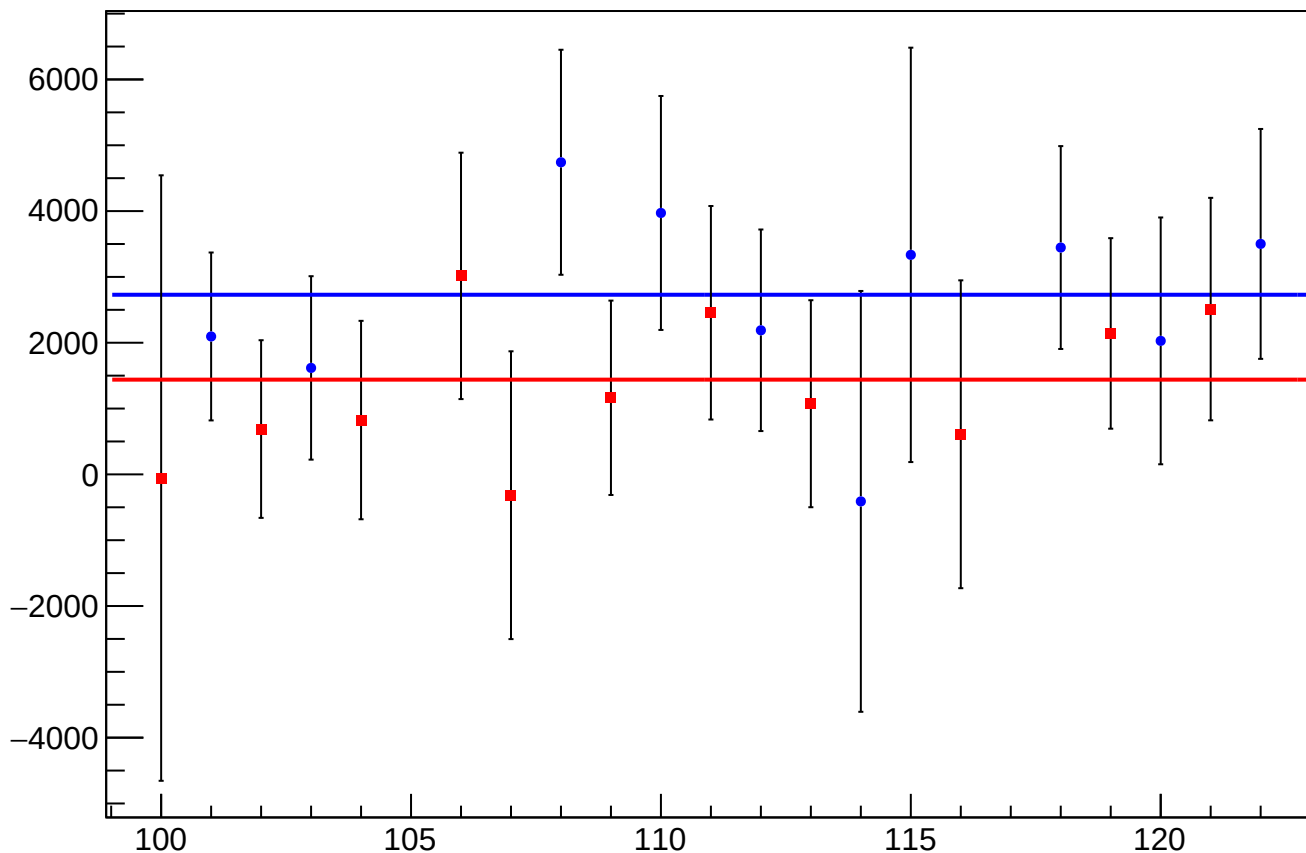
Right: 32.067+/-0.008 χ^2/NDF : 1037907.1/20

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: 1439.300+/-514.030 χ^2/NDF : 3.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

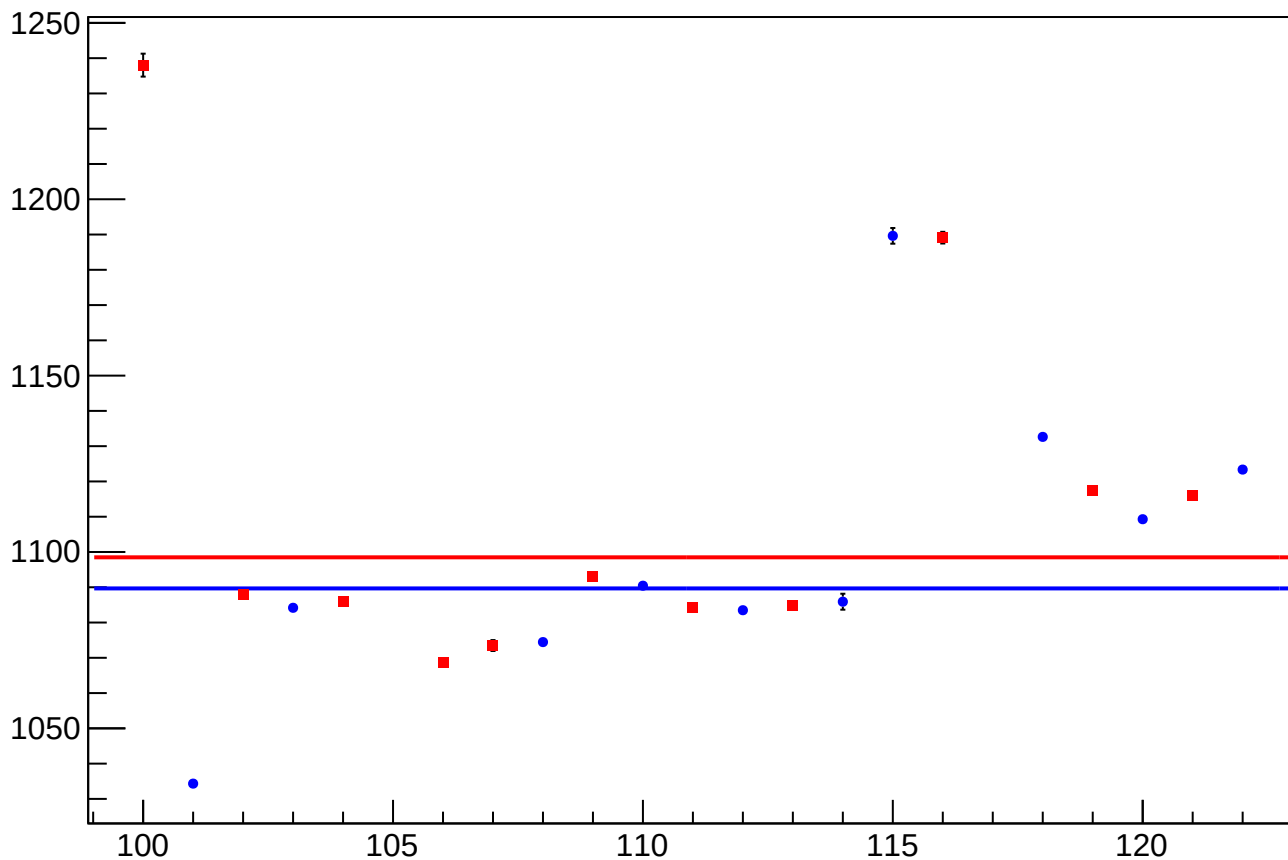
Right: 2054.083+/-371.856 χ^2/NDF : 10.6/20

In: 2729.035+/-538.597 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.083+/-371.856 χ^2/NDF : 10.6/20

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: 1098.486+/-0.363 χ^2/NDF : 6762.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

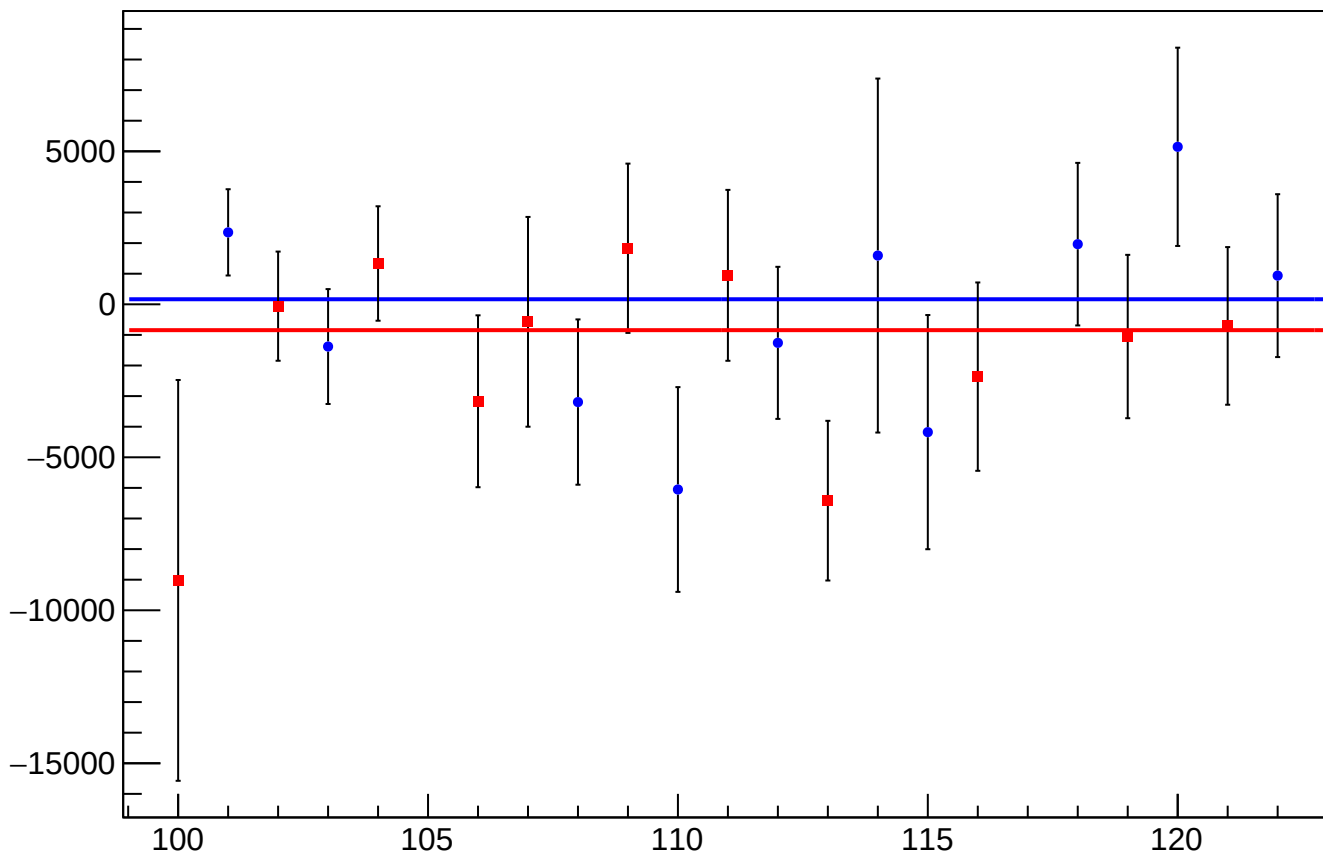
Right: 1094.284+/-0.263 χ^2/NDF : 15567.2/20

In: 1089.671+/-0.381 χ^2/NDF : 8524.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1094.284+/-0.263 χ^2/NDF : 15567.2/20

asym_usr_reg_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: -844.908+/-781.415 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

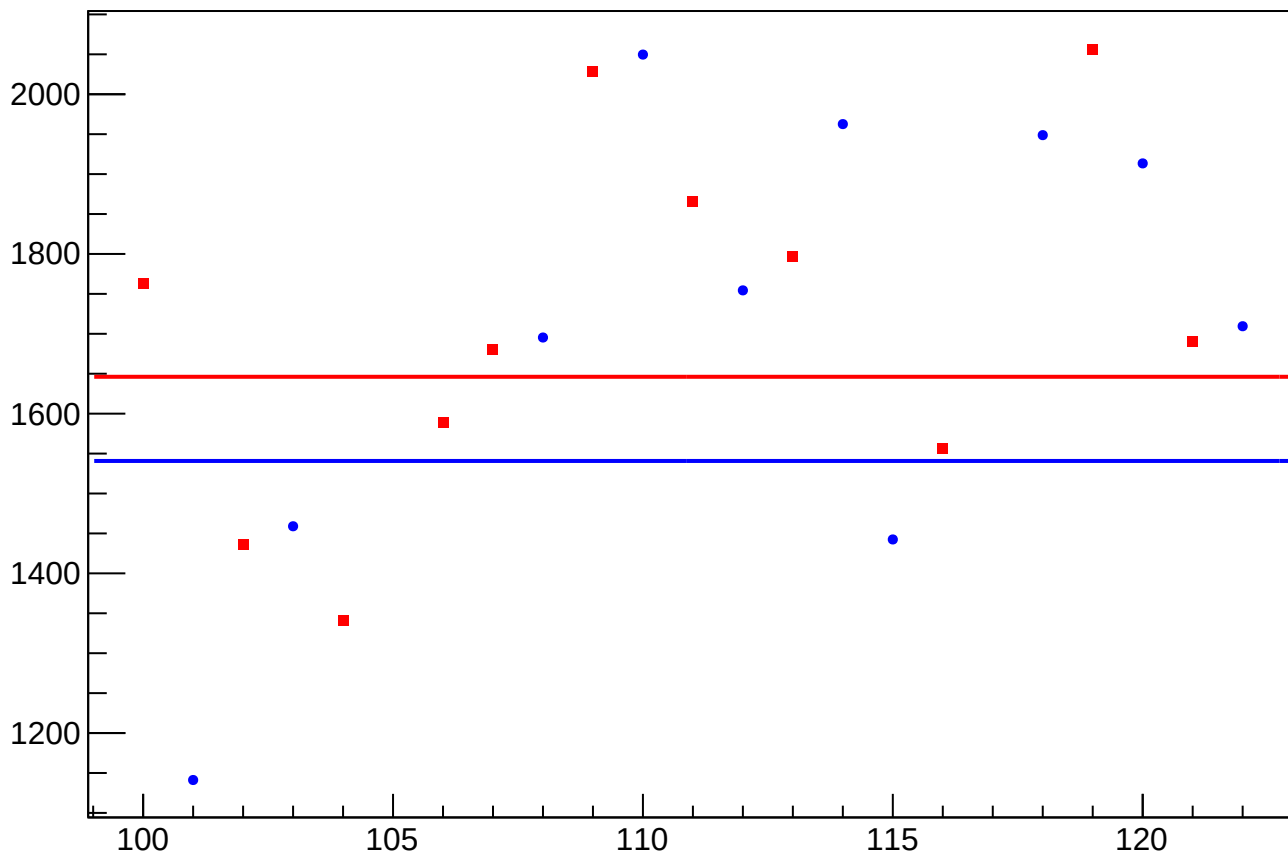
Right: -337.805+/-551.376 χ^2/NDF : 23.5/20

In: 165.034+/-778.122 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -337.805+/-551.376 χ^2/NDF : 23.5/20

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: 1646.173+/-0.553 χ^2/NDF : 189378.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

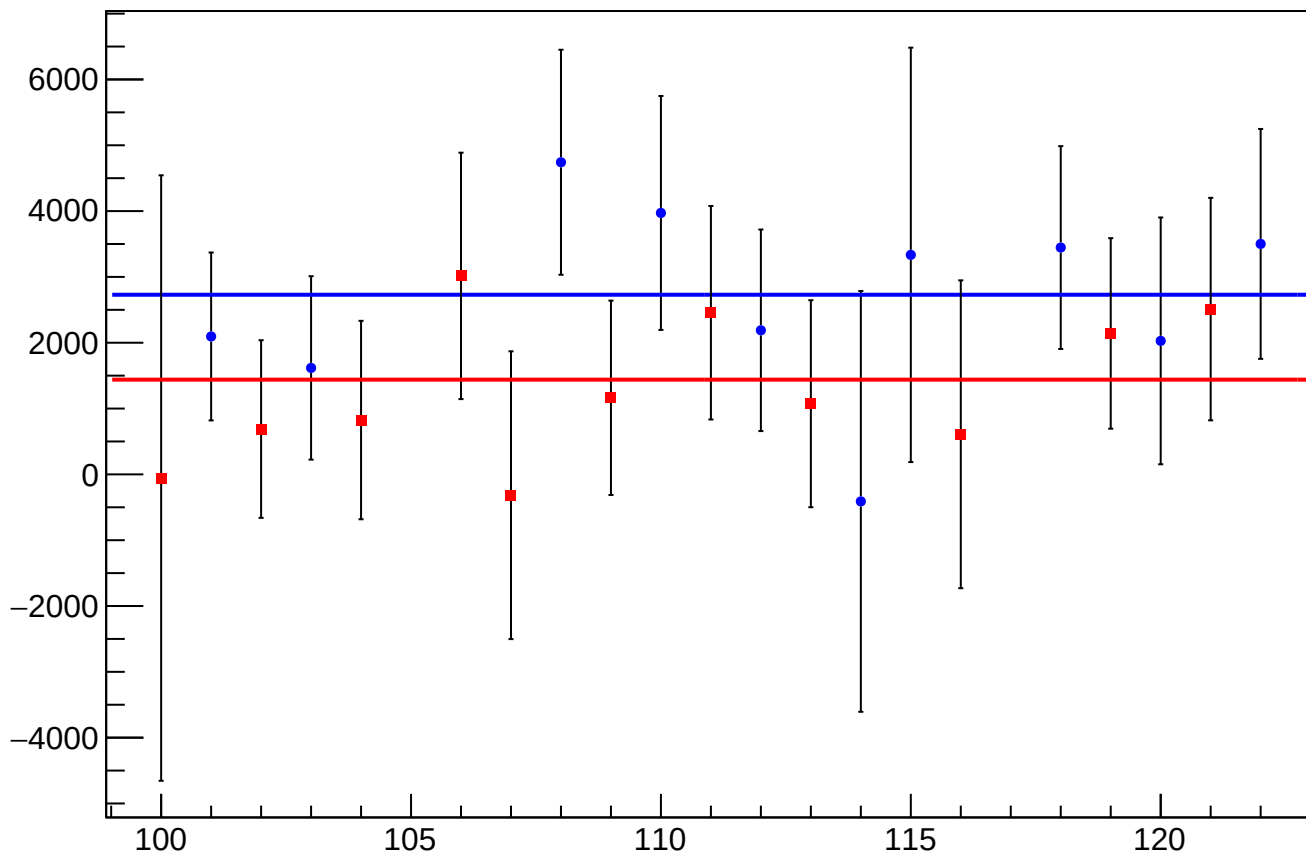
Right: 1593.242+/-0.390 χ^2/NDF : 533369.3/20

In: 1540.757+/-0.550 χ^2/NDF : 325714.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.242+/-0.390 χ^2/NDF : 533369.3/20

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: 1439.300+/-514.030 χ^2/NDF : 3.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

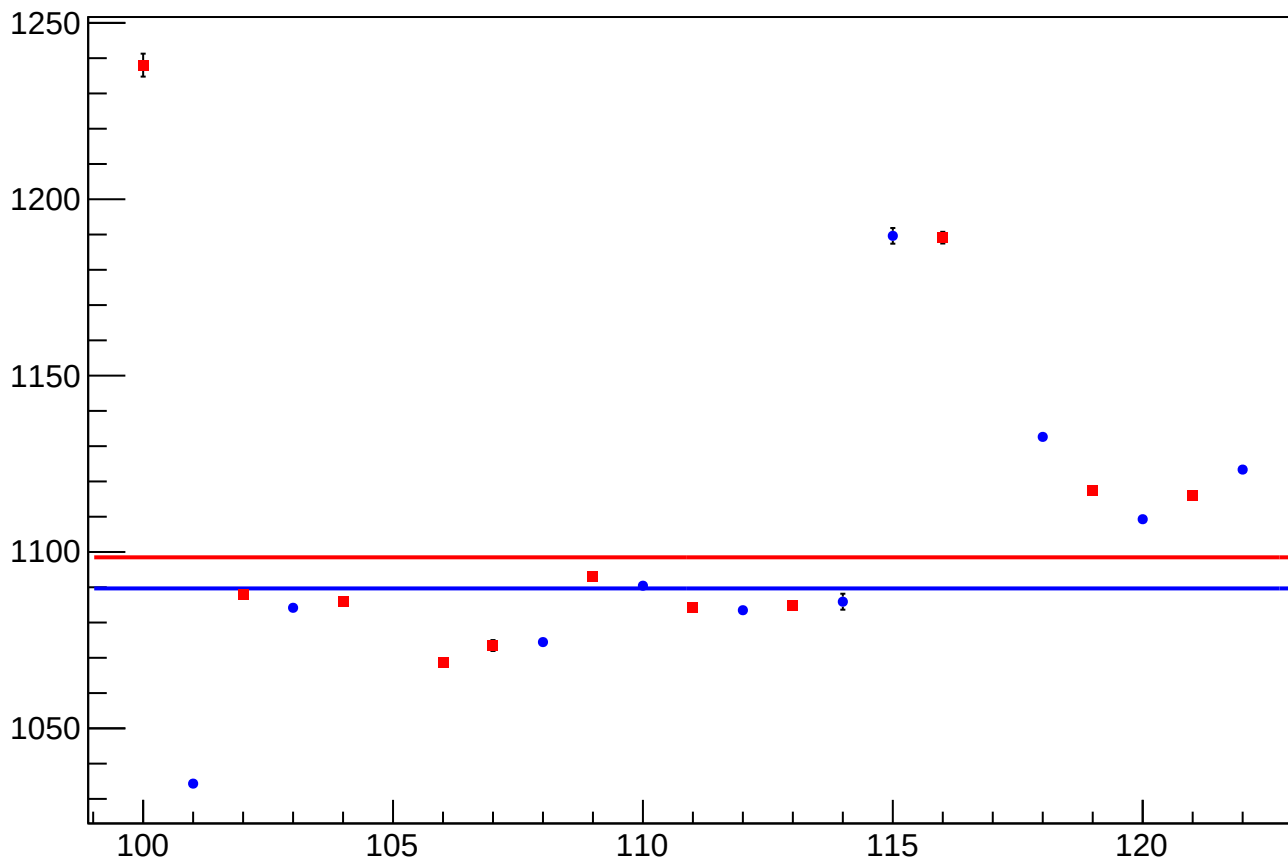
Right: 2054.083+/-371.856 χ^2/NDF : 10.6/20

In: 2729.035+/-538.597 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.083+/-371.856 χ^2/NDF : 10.6/20

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: 1098.486+/-0.363 χ^2/NDF : 6762.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

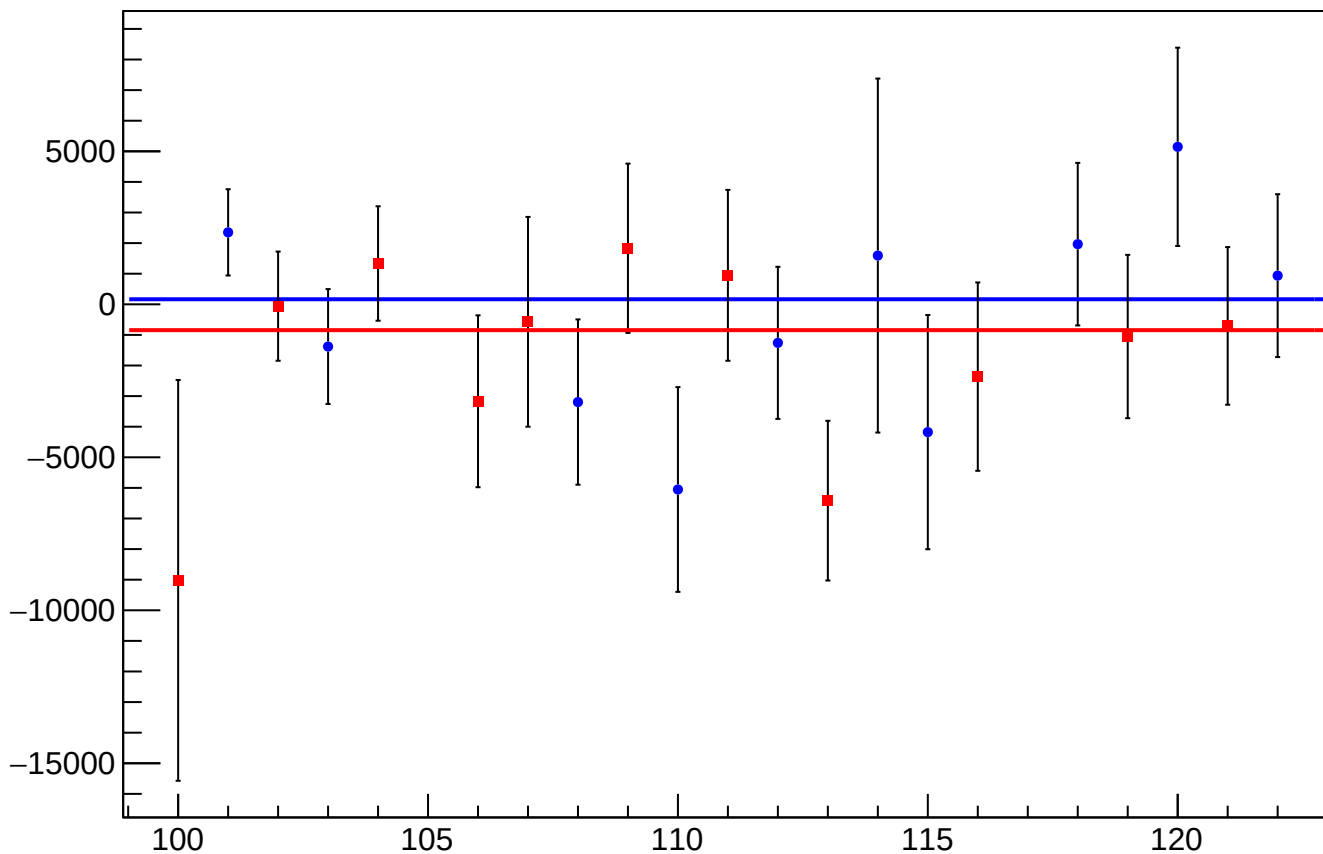
Right: 1094.284+/-0.263 χ^2/NDF : 15567.2/20

In: 1089.671+/-0.381 χ^2/NDF : 8524.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1094.284+/-0.263 χ^2/NDF : 15567.2/20

asym_usr_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: -844.908+/-781.415 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

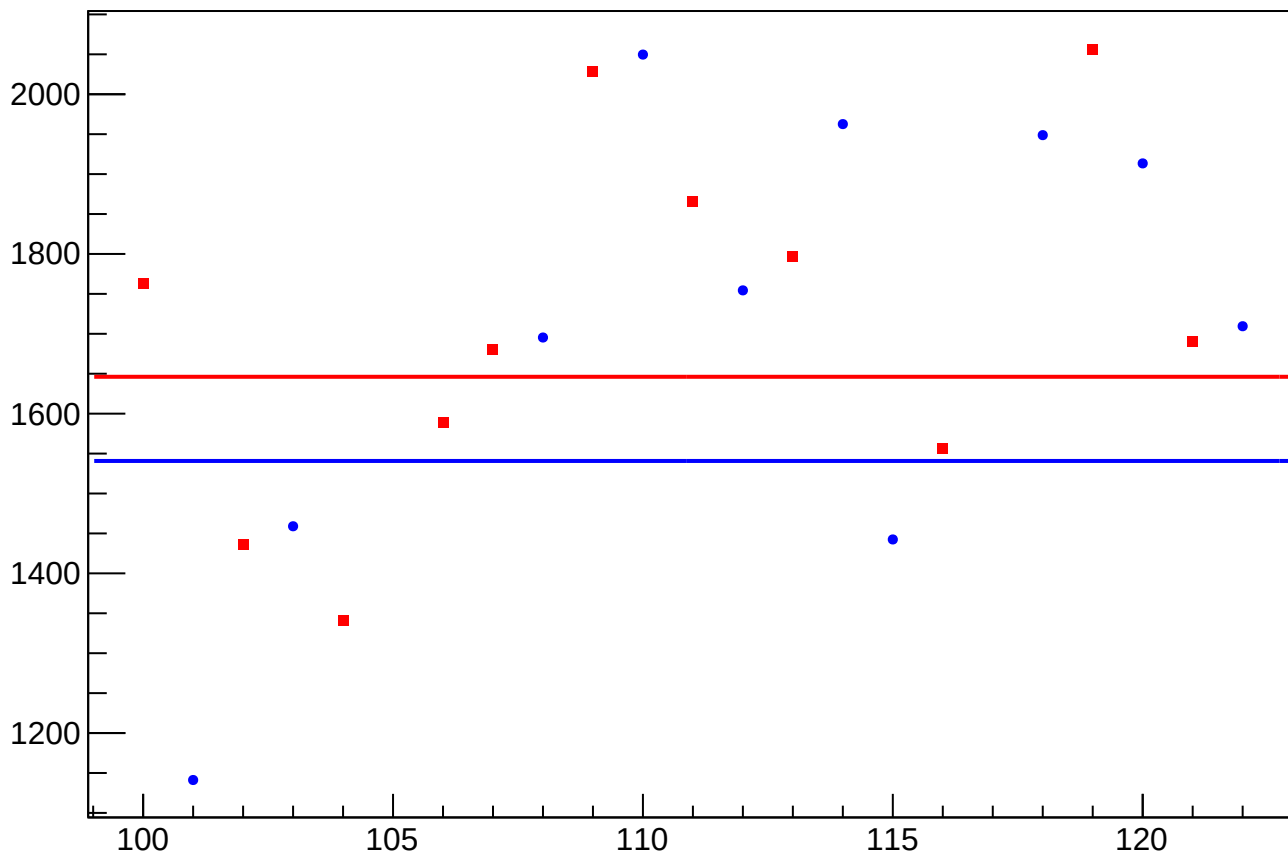
Right: -337.805+/-551.376 χ^2/NDF : 23.5/20

In: 165.034+/-778.122 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -337.805+/-551.376 χ^2/NDF : 23.5/20

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: 1646.173+/-0.553 χ^2/NDF : 189378.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

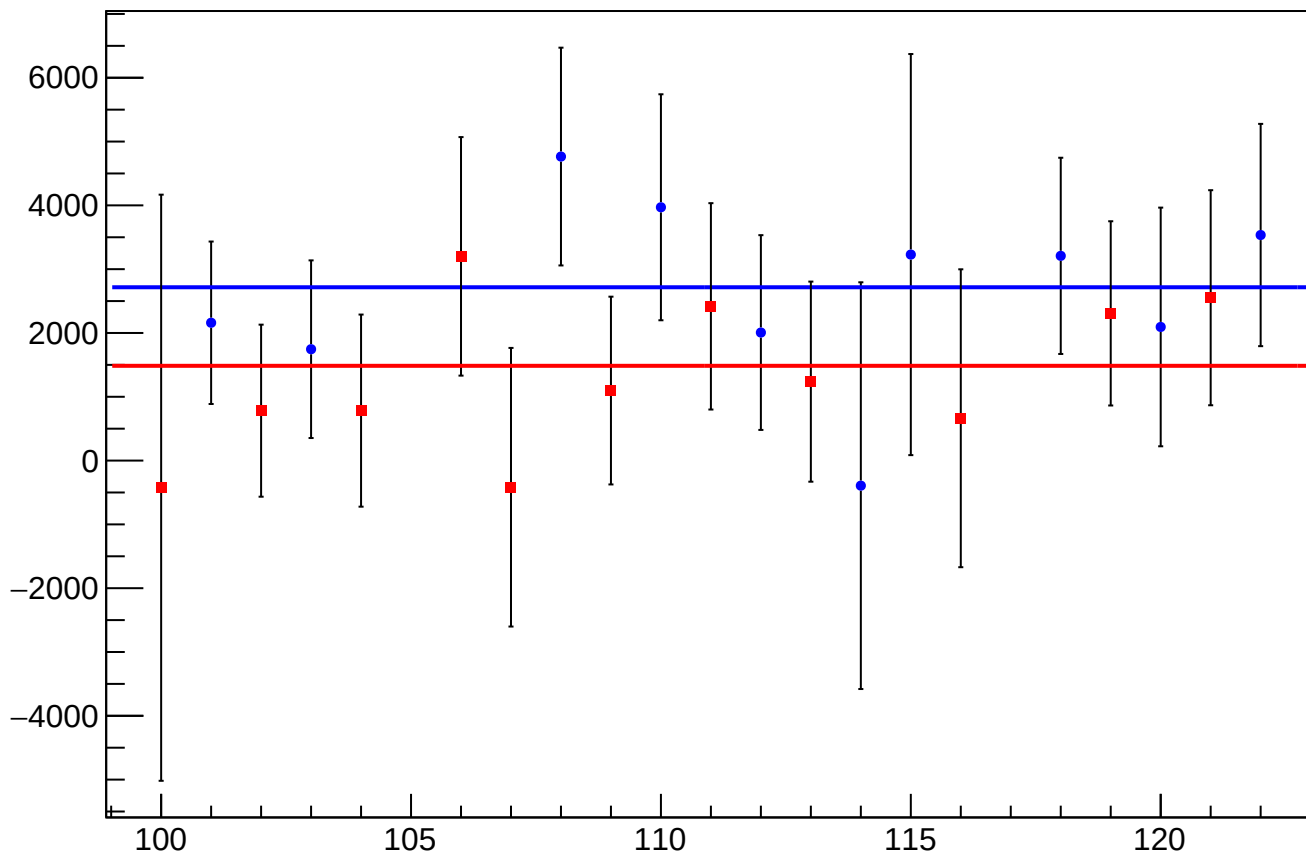
Right: 1593.242+/-0.390 χ^2/NDF : 533369.3/20

In: 1540.757+/-0.550 χ^2/NDF : 325714.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.242+/-0.390 χ^2/NDF : 533369.3/20

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: 1485.303+/-512.927 χ^2/NDF : 3.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

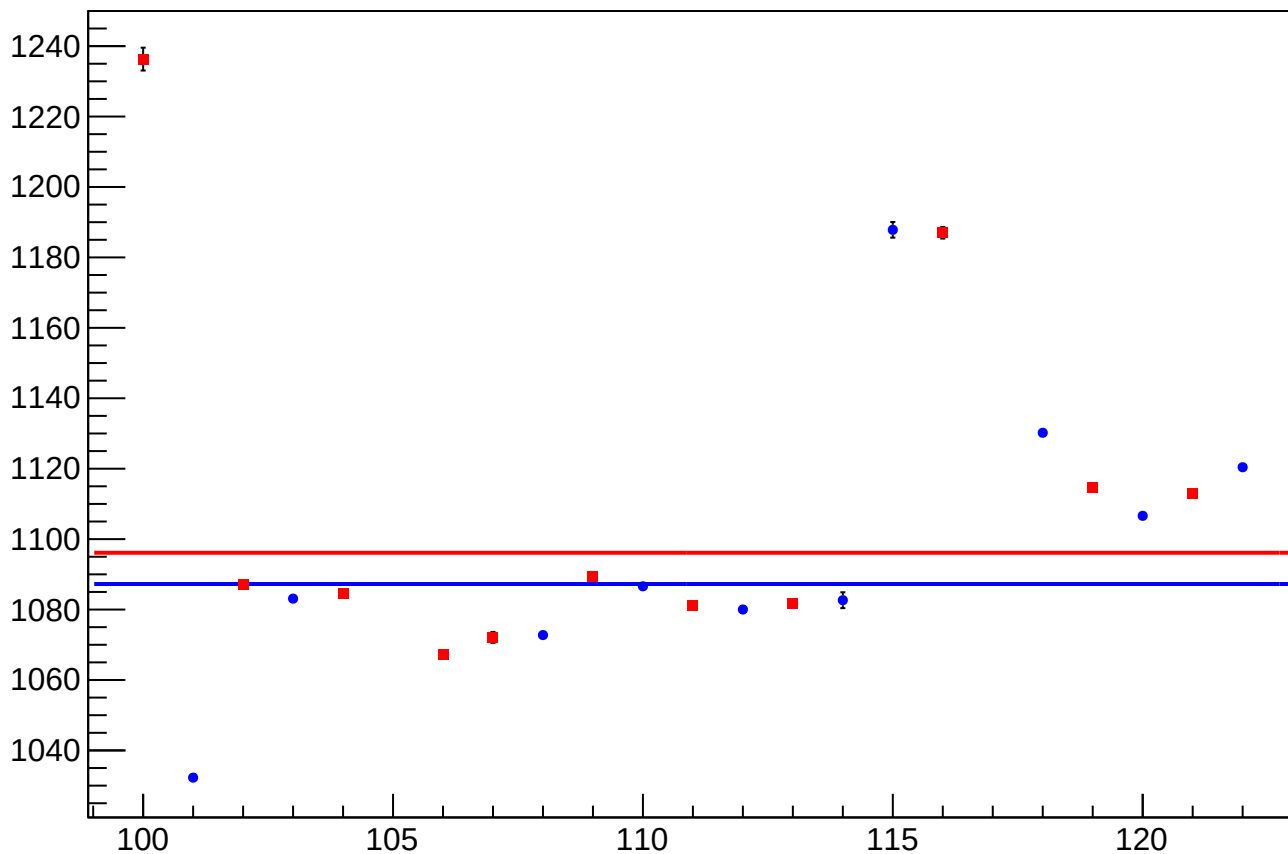
Right: 2072.203+/-371.045 χ^2/NDF : 10.5/20

In: 2716.446+/-537.401 χ^2/NDF : 4.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2072.203+/-371.045 χ^2/NDF : 10.5/20

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: 1096.131+/-0.363 χ^2/NDF : 6730.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

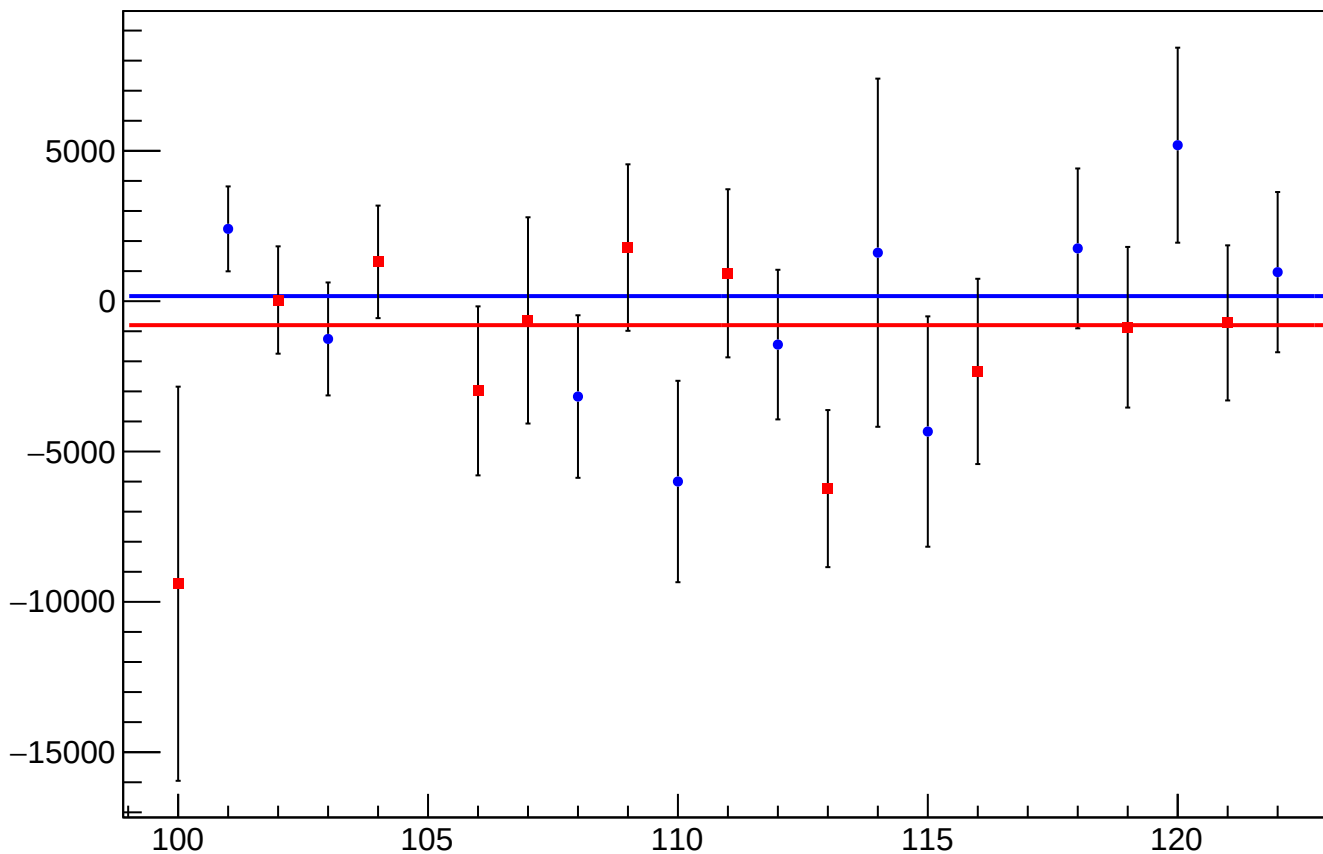
Right: 1091.898+/-0.262 χ^2/NDF : 15505.0/20

In: 1087.253+/-0.380 χ^2/NDF : 8489.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.898+/-0.262 χ^2/NDF : 15505.0/20

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: -797.126+/-782.059 χ^2/NDF : 9.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

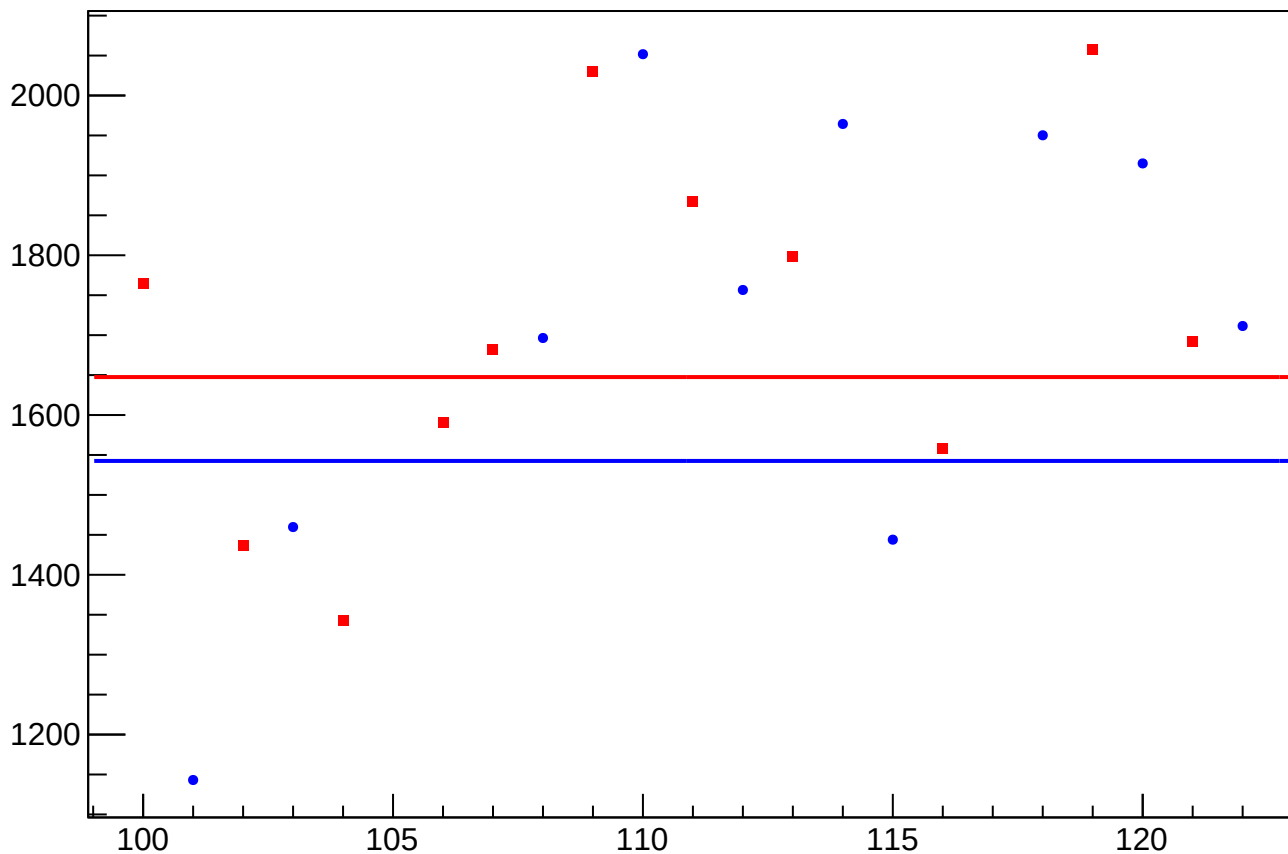
Right: -312.041+/-551.904 χ^2/NDF : 23.1/20

In: 169.219+/-778.970 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -312.041+/-551.904 χ^2/NDF : 23.1/20

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: 1647.528+/-0.553 χ^2/NDF : 189588.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

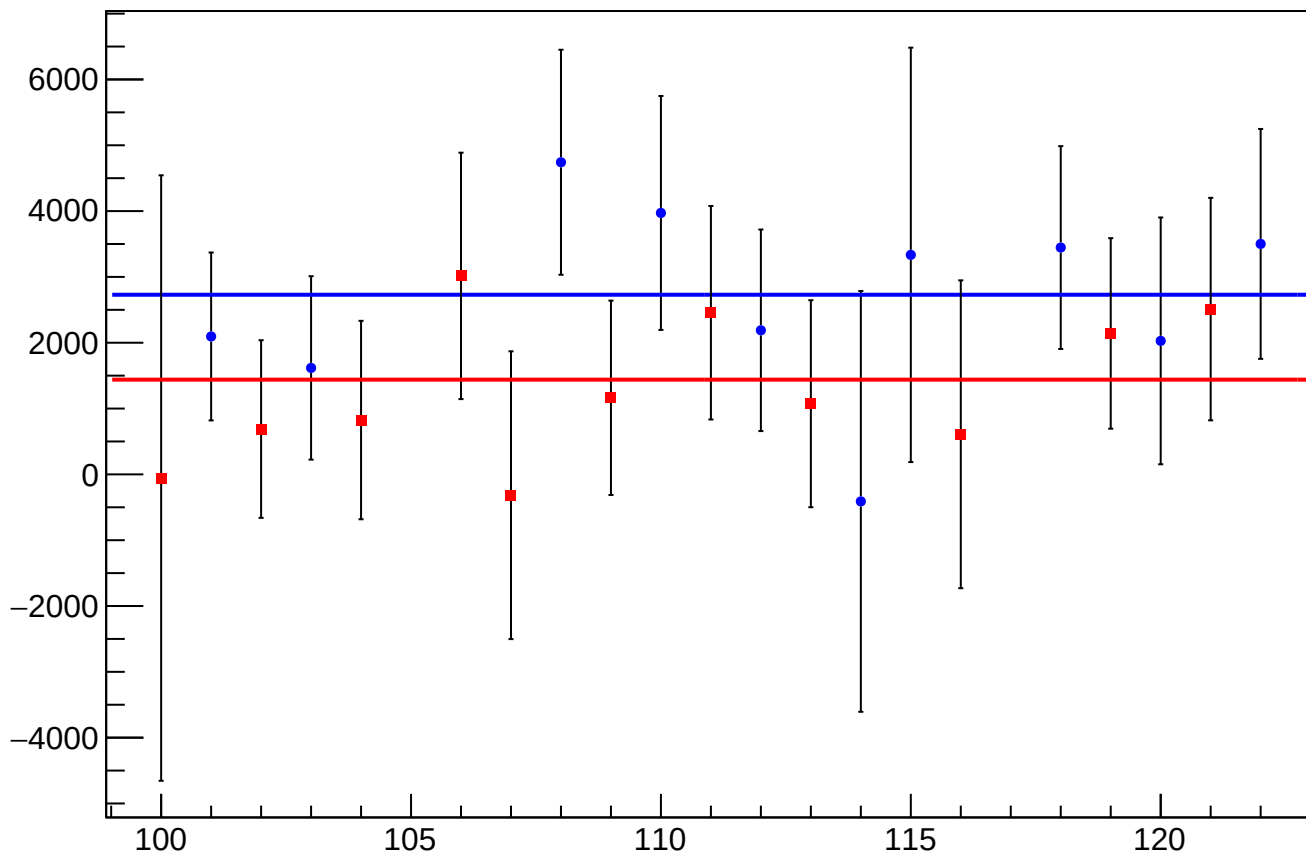
Right: 1594.822+/-0.390 χ^2/NDF : 532522.4/20

In: 1542.532+/-0.551 χ^2/NDF : 324837.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1594.822+/-0.390 χ^2/NDF : 532522.4/20

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: 1439.300+/-514.030 χ^2/NDF : 3.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

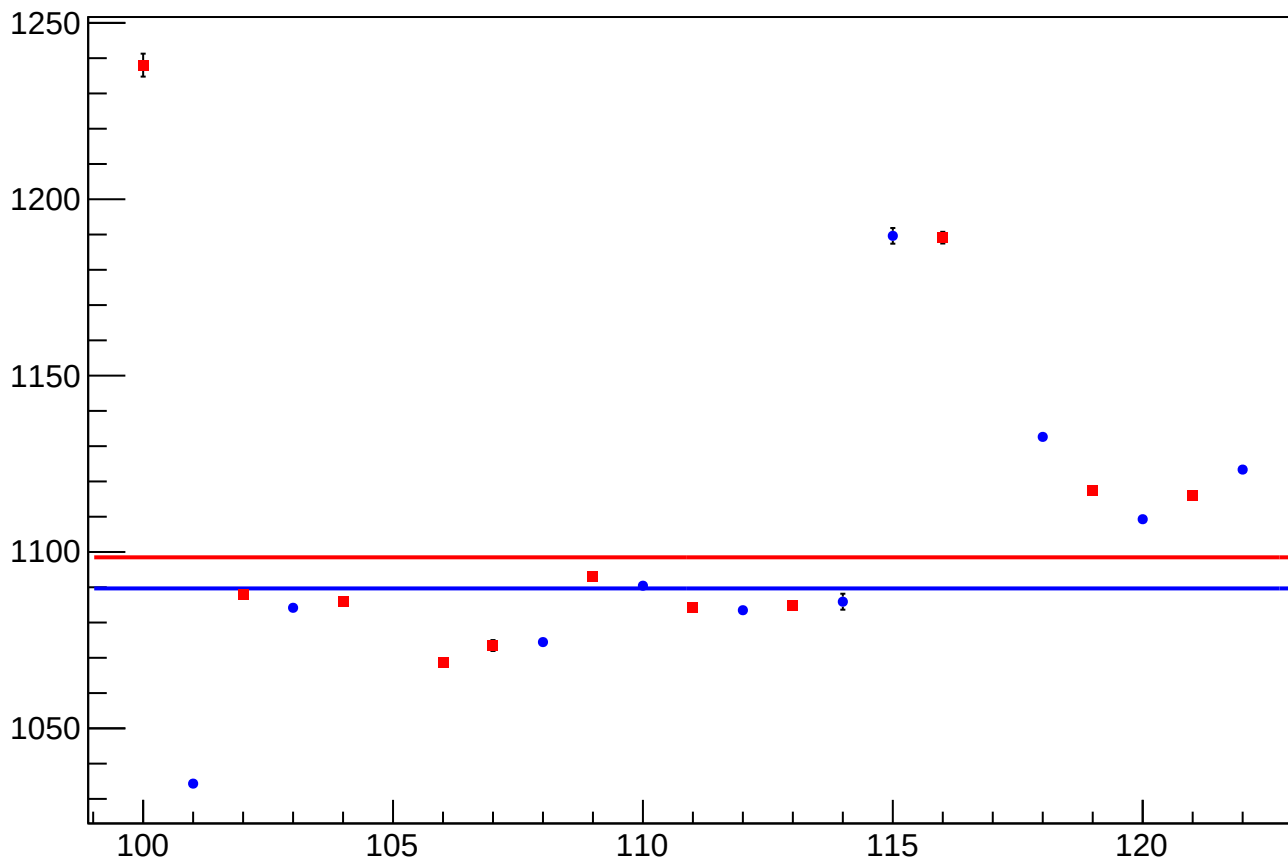
Right: 2054.083+/-371.856 χ^2/NDF : 10.6/20

In: 2729.035+/-538.597 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.083+/-371.856 χ^2/NDF : 10.6/20

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: 1098.486+/-0.363 χ^2/NDF : 6762.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

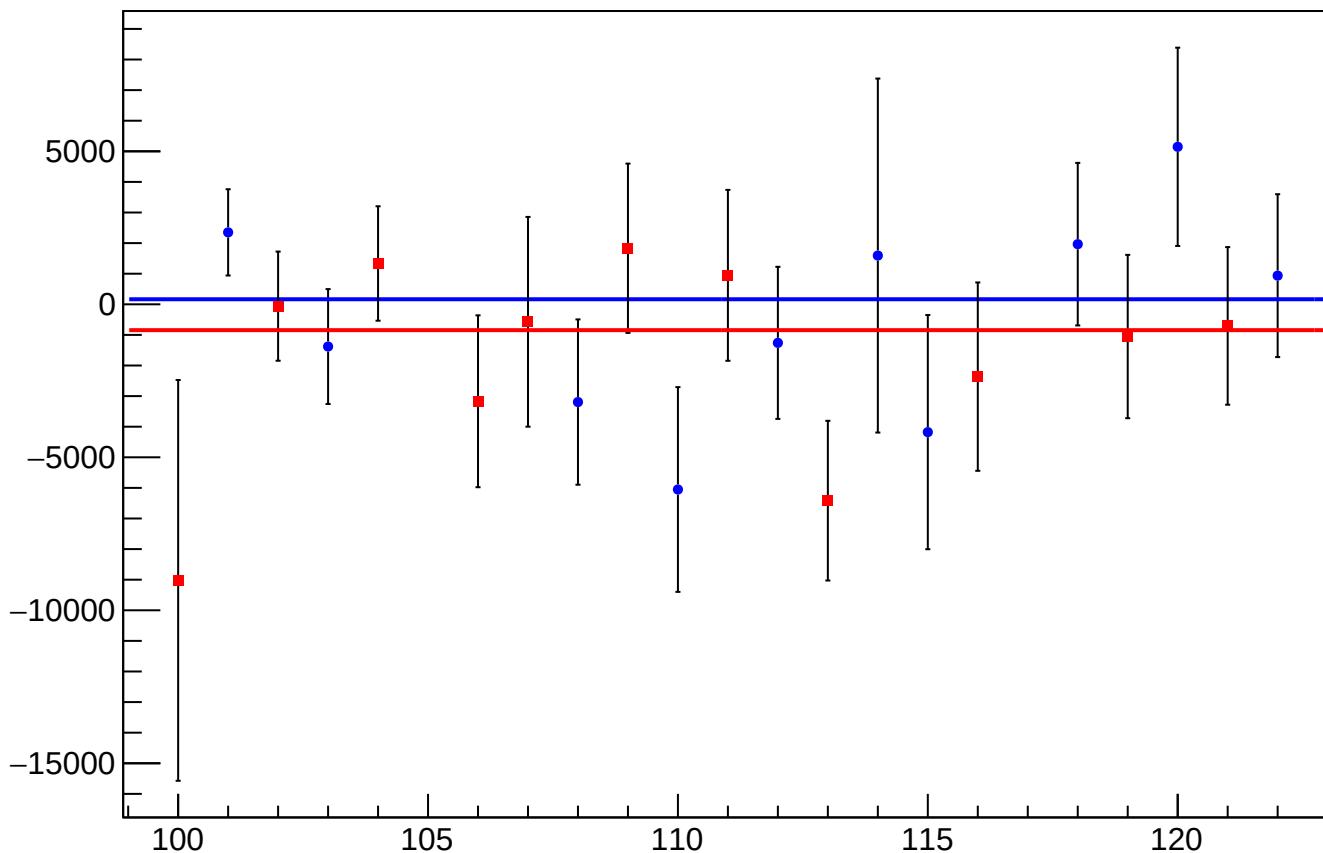
Right: 1094.284+/-0.263 χ^2/NDF : 15567.2/20

In: 1089.671+/-0.381 χ^2/NDF : 8524.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1094.284+/-0.263 χ^2/NDF : 15567.2/20

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: -844.908+/-781.415 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

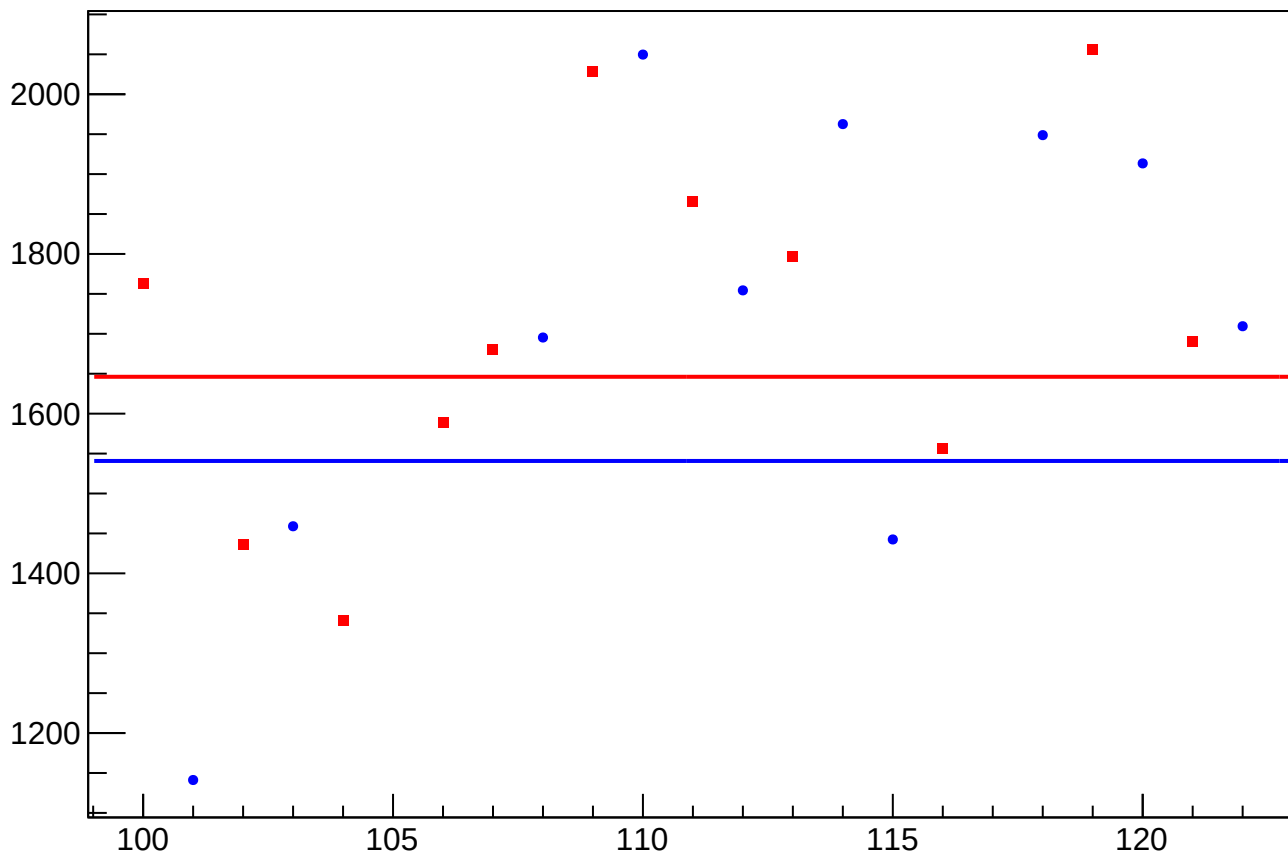
Right: -337.805+/-551.376 χ^2/NDF : 23.5/20

In: 165.034+/-778.122 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -337.805+/-551.376 χ^2/NDF : 23.5/20

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: 1646.173+/-0.553 χ^2/NDF : 189378.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

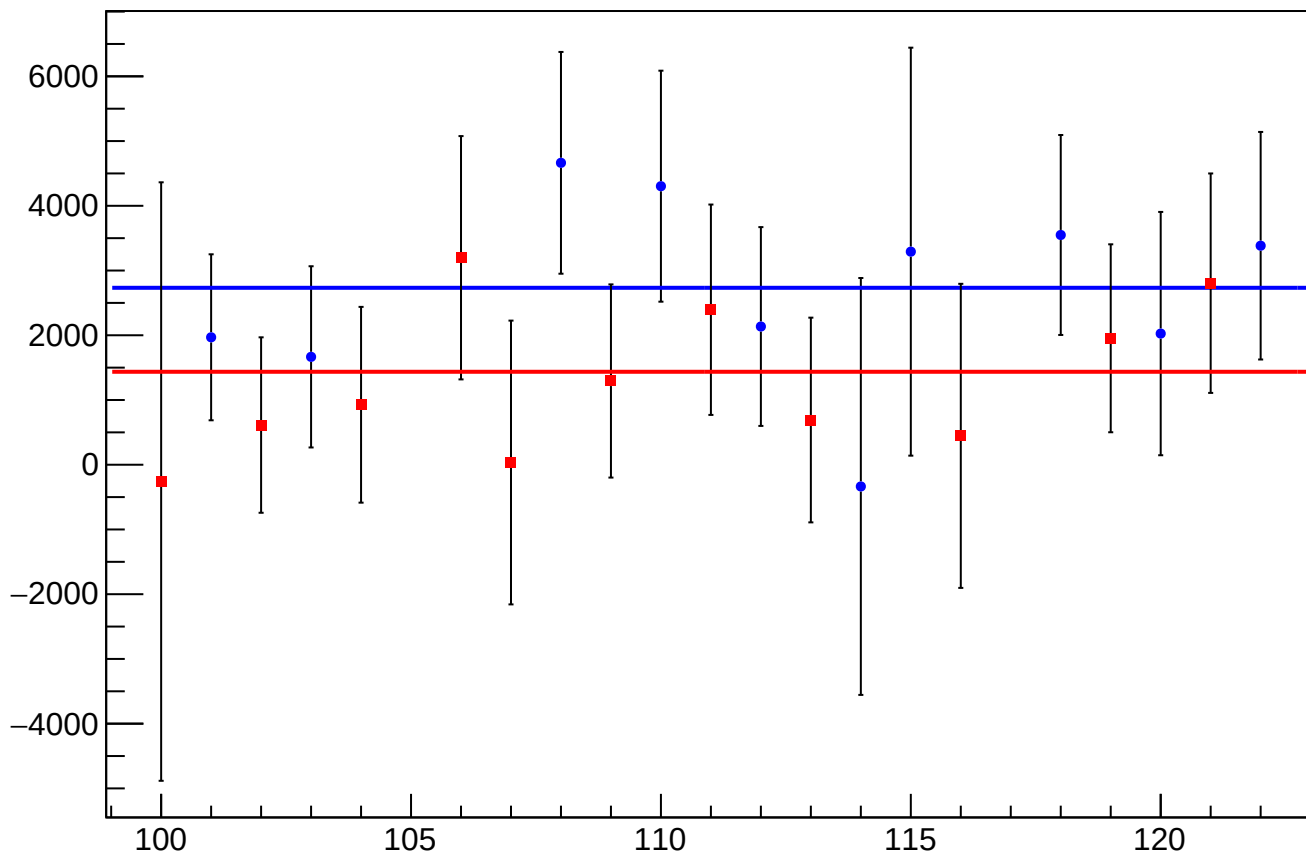
Right: 1593.242+/-0.390 χ^2/NDF : 533369.3/20

In: 1540.757+/-0.550 χ^2/NDF : 325714.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.242+/-0.390 χ^2/NDF : 533369.3/20

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: 1436.031+/-516.294 χ^2/NDF : 3.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

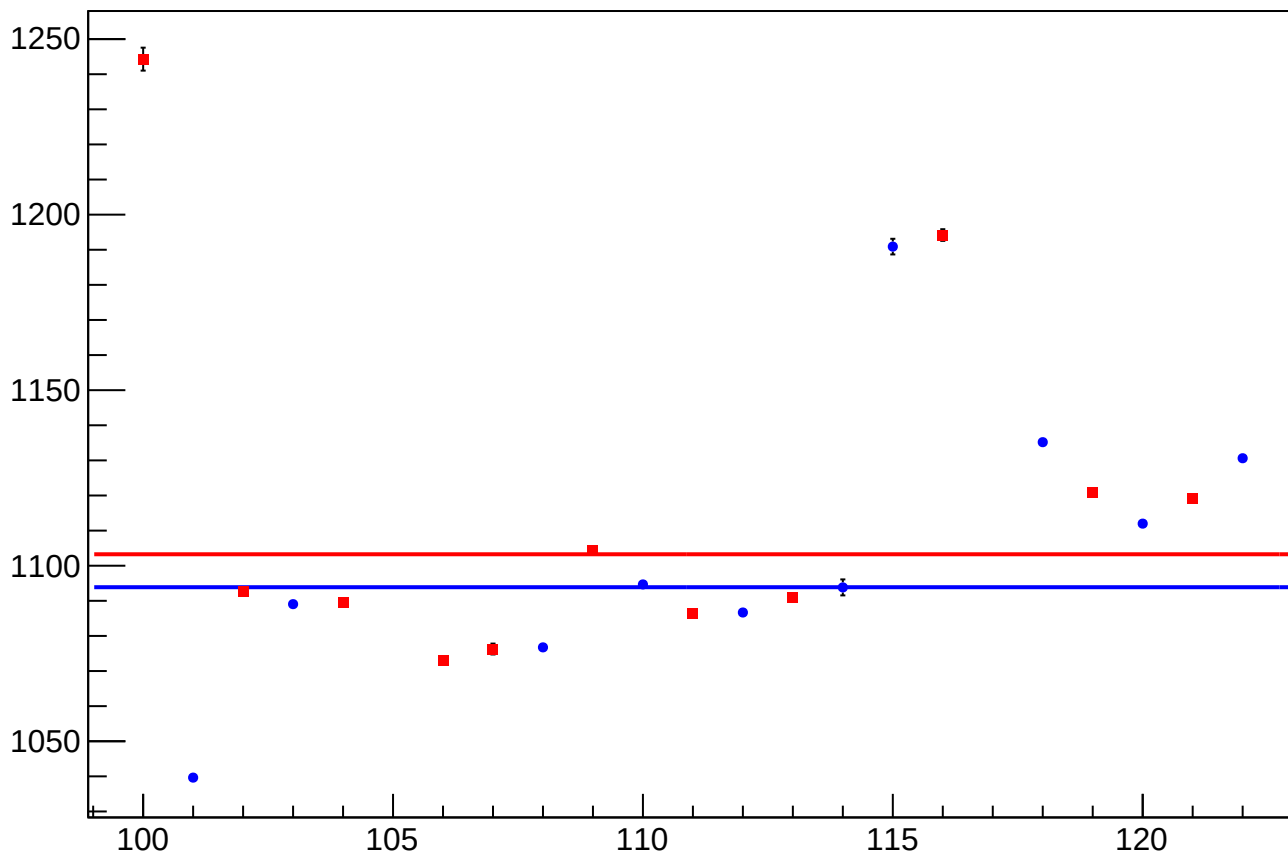
Right: 2054.793+/-373.395 χ^2/NDF : 11.1/20

In: 2733.358+/-540.669 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.793+/-373.395 χ^2/NDF : 11.1/20

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: 1103.261+/-0.365 χ^2/NDF : 6783.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

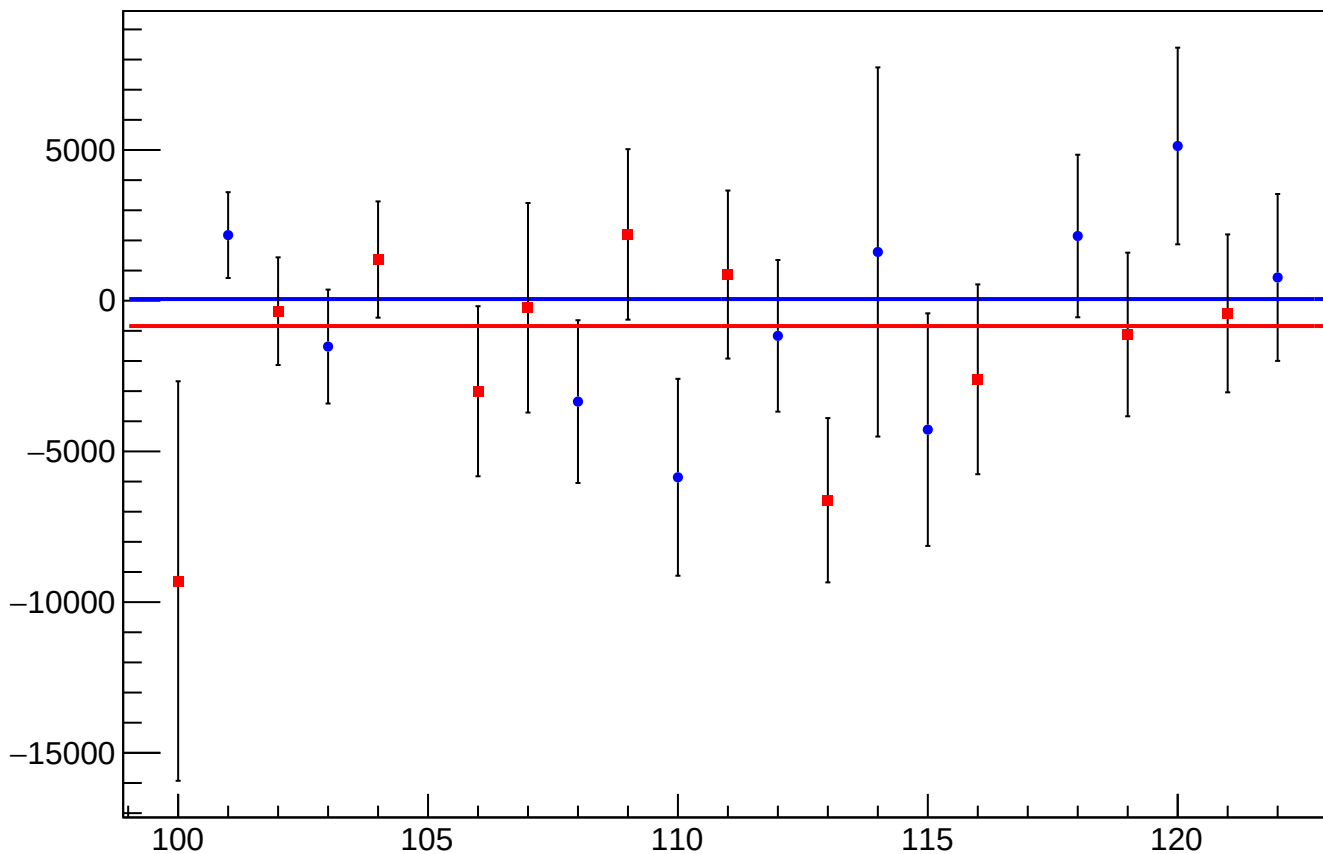
Right: 1098.785+/-0.264 χ^2/NDF : 15331.3/20

In: 1093.877+/-0.382 χ^2/NDF : 8233.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.785+/-0.264 χ^2/NDF : 15331.3/20

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: -840.361+/-794.544 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

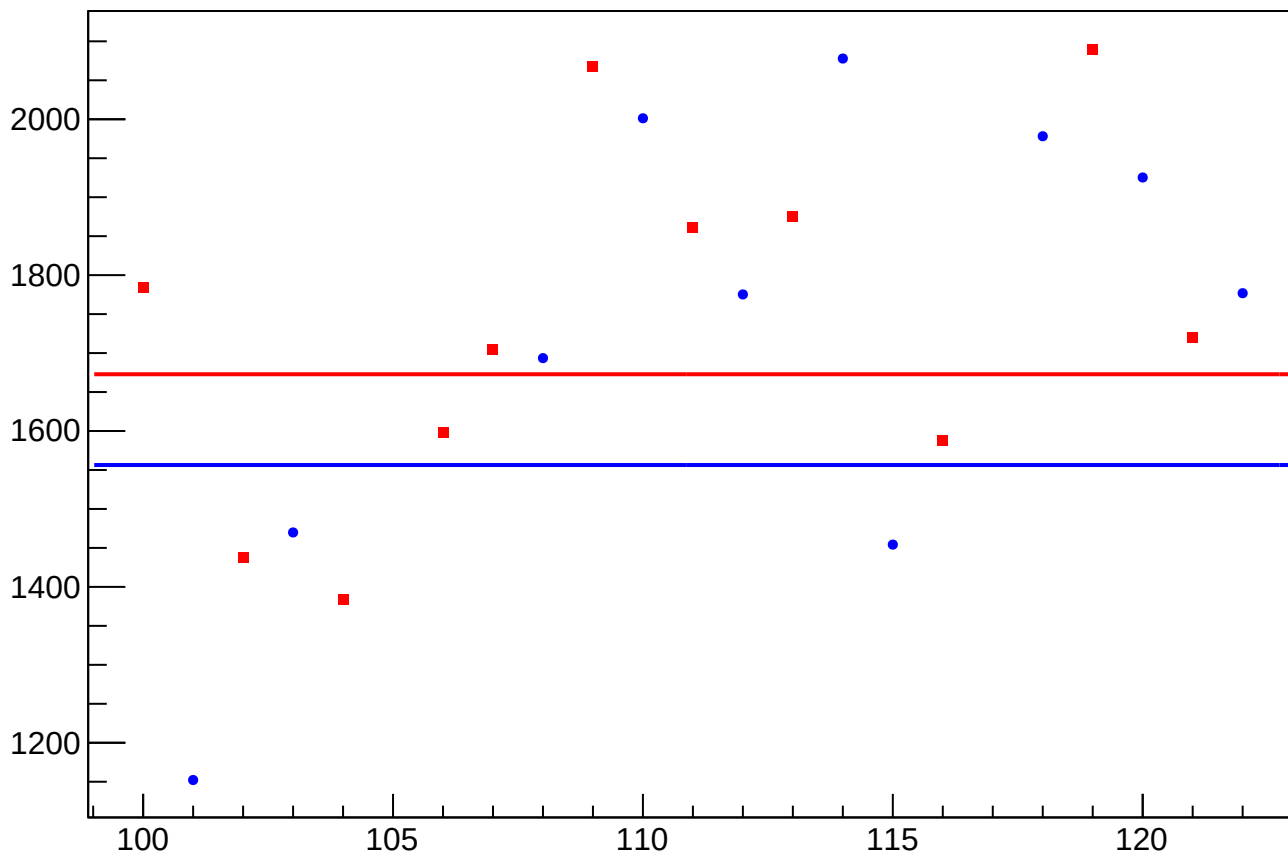
Right: -387.875+/-558.805 χ^2/NDF : 23.1/20

In: 55.004+/-786.064 χ^2/NDF : 12.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.875+/-558.805 χ^2/NDF : 23.1/20

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: 1672.829+/-0.562 χ^2/NDF : 190256.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

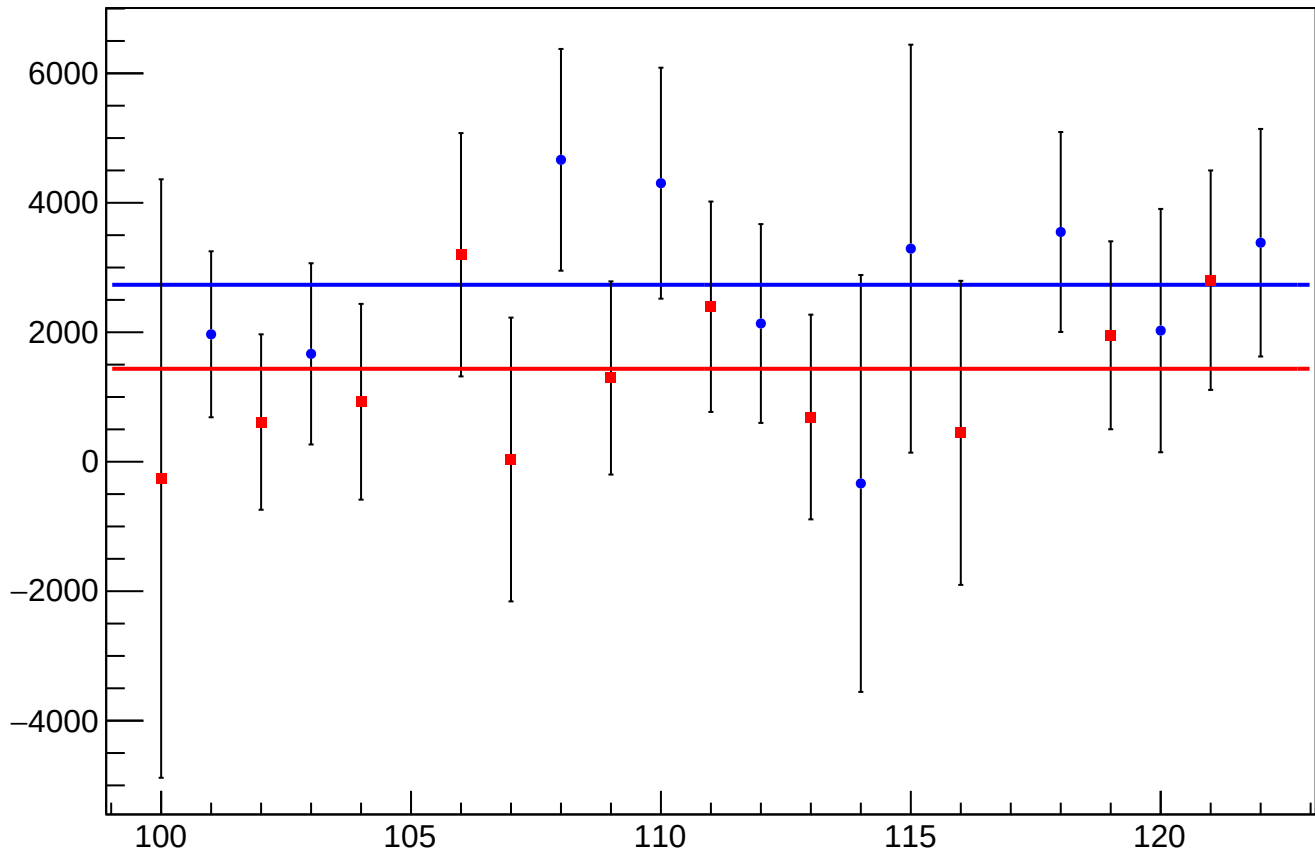
Right: 1613.973+/-0.395 χ^2/NDF : 537891.5/20

In: 1556.366+/-0.556 χ^2/NDF : 325918.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.973+/-0.395 χ^2/NDF : 537891.5/20

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: 1436.035+/-516.294 χ^2/NDF : 3.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

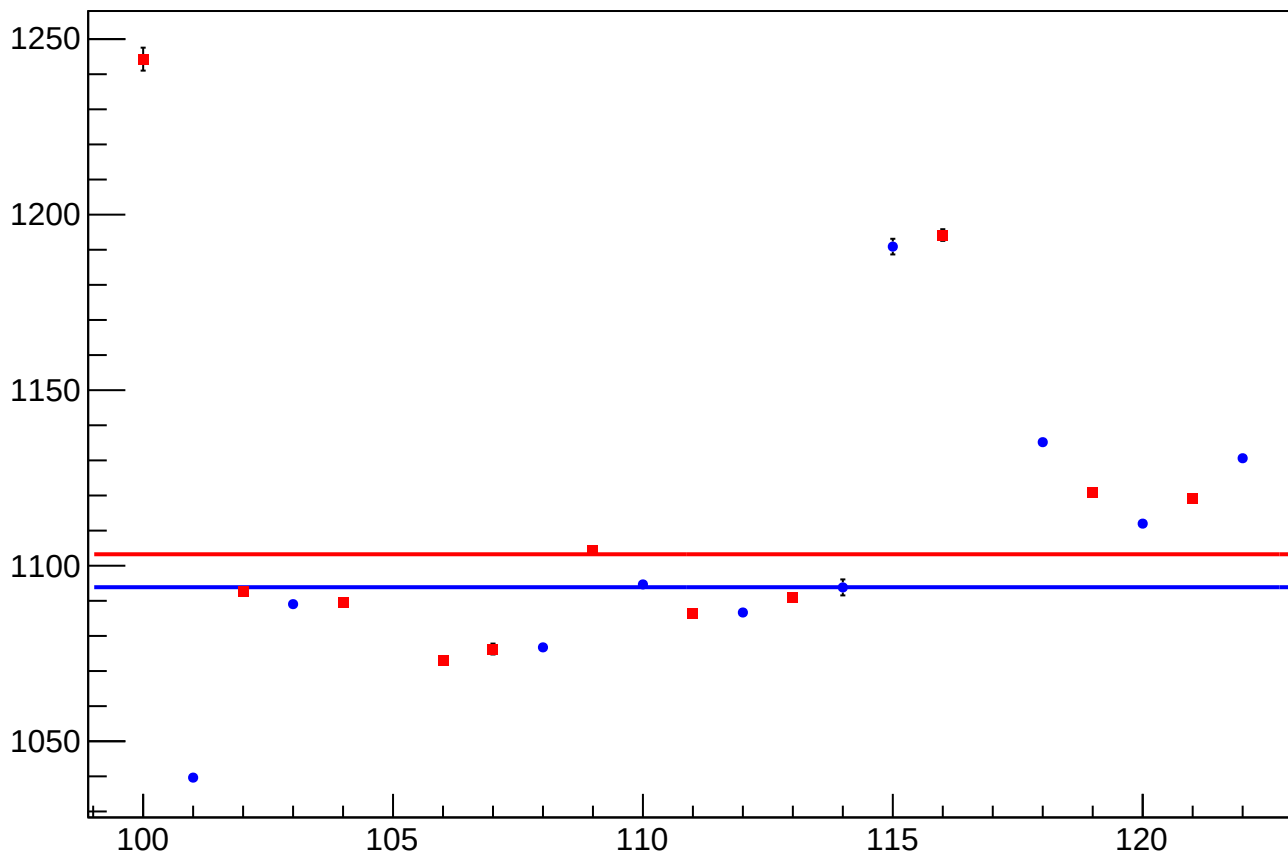
Right: 2054.794+/-373.395 χ^2/NDF : 11.1/20

In: 2733.358+/-540.669 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.794+/-373.395 χ^2/NDF : 11.1/20

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: 1103.261+/-0.365 χ^2/NDF : 6783.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

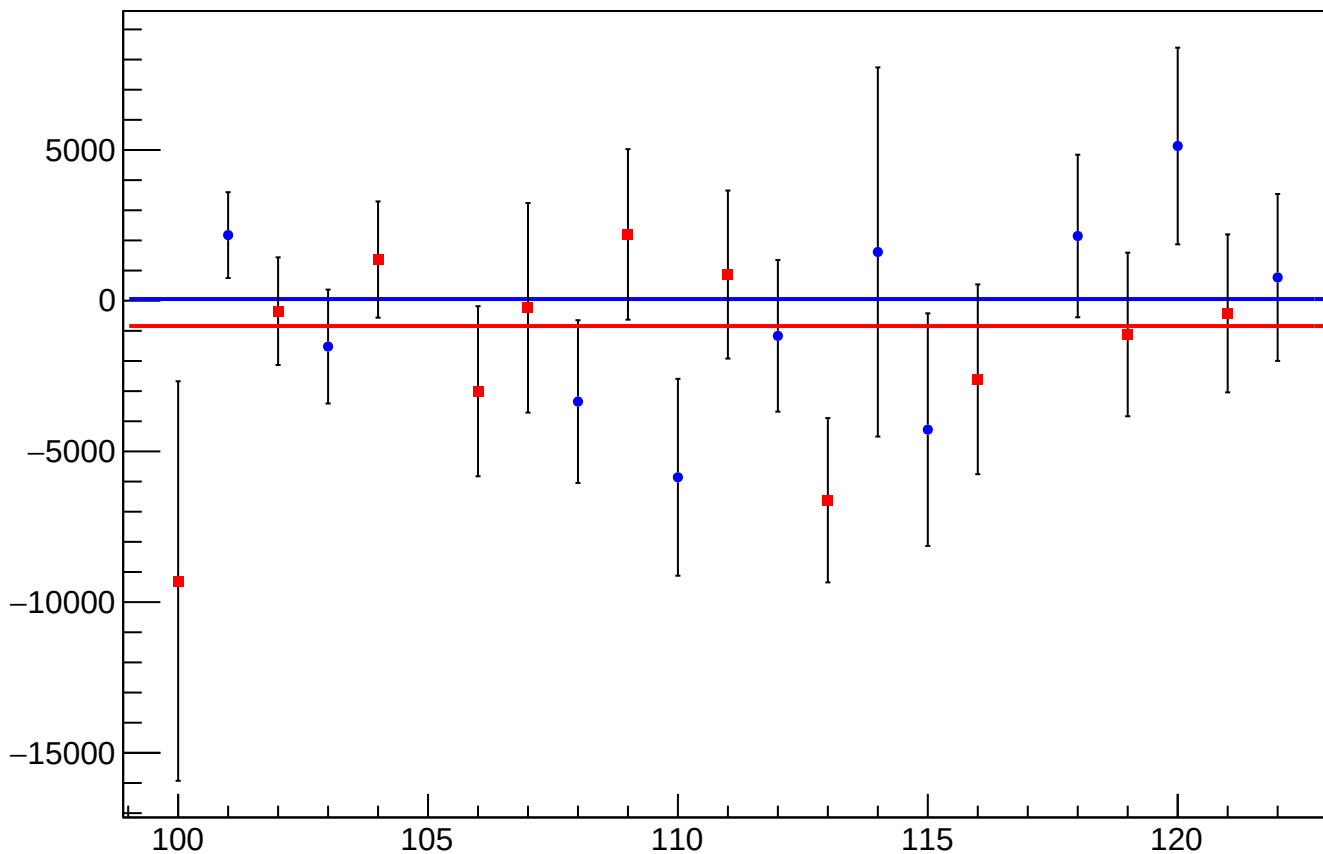
Right: 1098.785+/-0.264 χ^2/NDF : 15331.3/20

In: 1093.877+/-0.382 χ^2/NDF : 8233.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.785+/-0.264 χ^2/NDF : 15331.3/20

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: -840.365+/-794.544 χ^2/NDF : 10.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

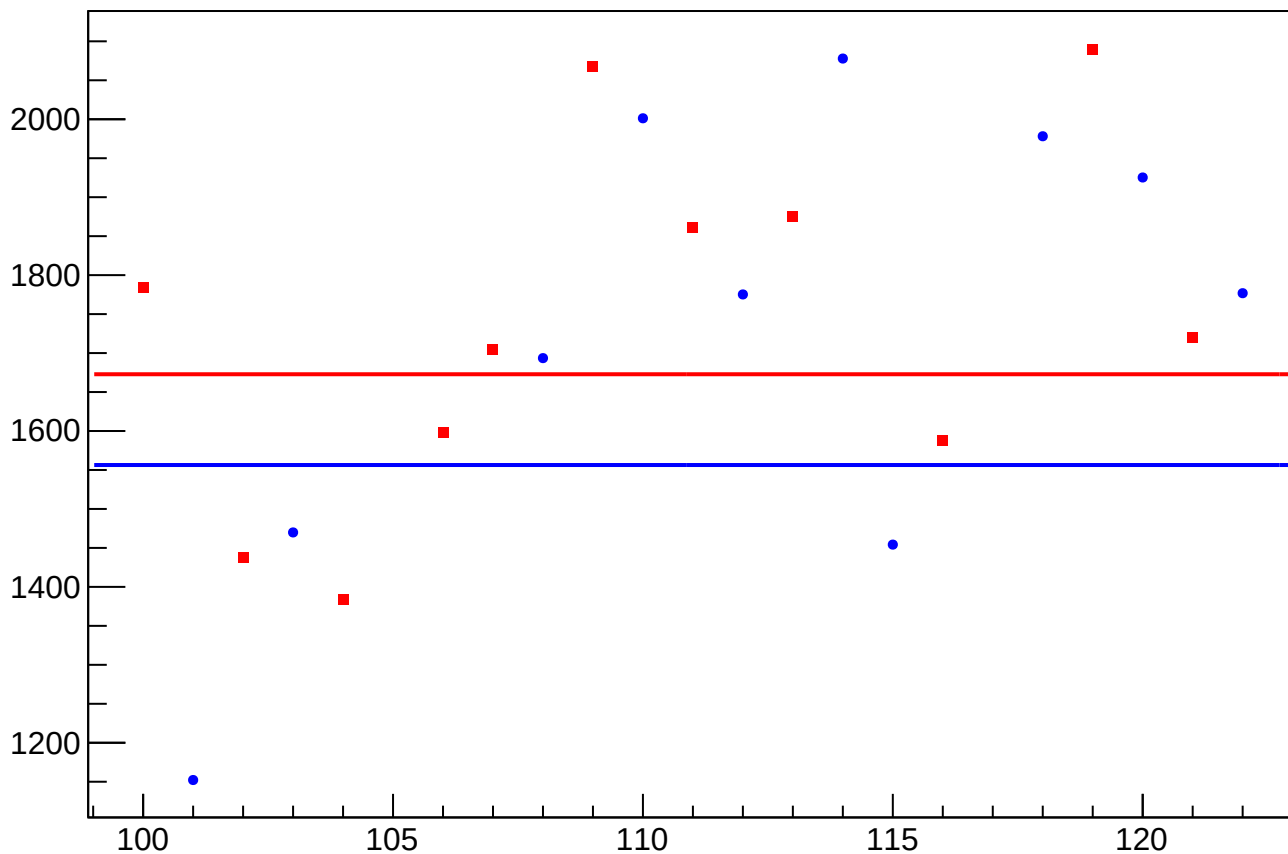
Right: -387.877+/-558.804 χ^2/NDF : 23.1/20

In: 55.003+/-786.062 χ^2/NDF : 12.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.877+/-558.804 χ^2/NDF : 23.1/20

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: 1672.829+/-0.562 χ^2/NDF : 190249.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

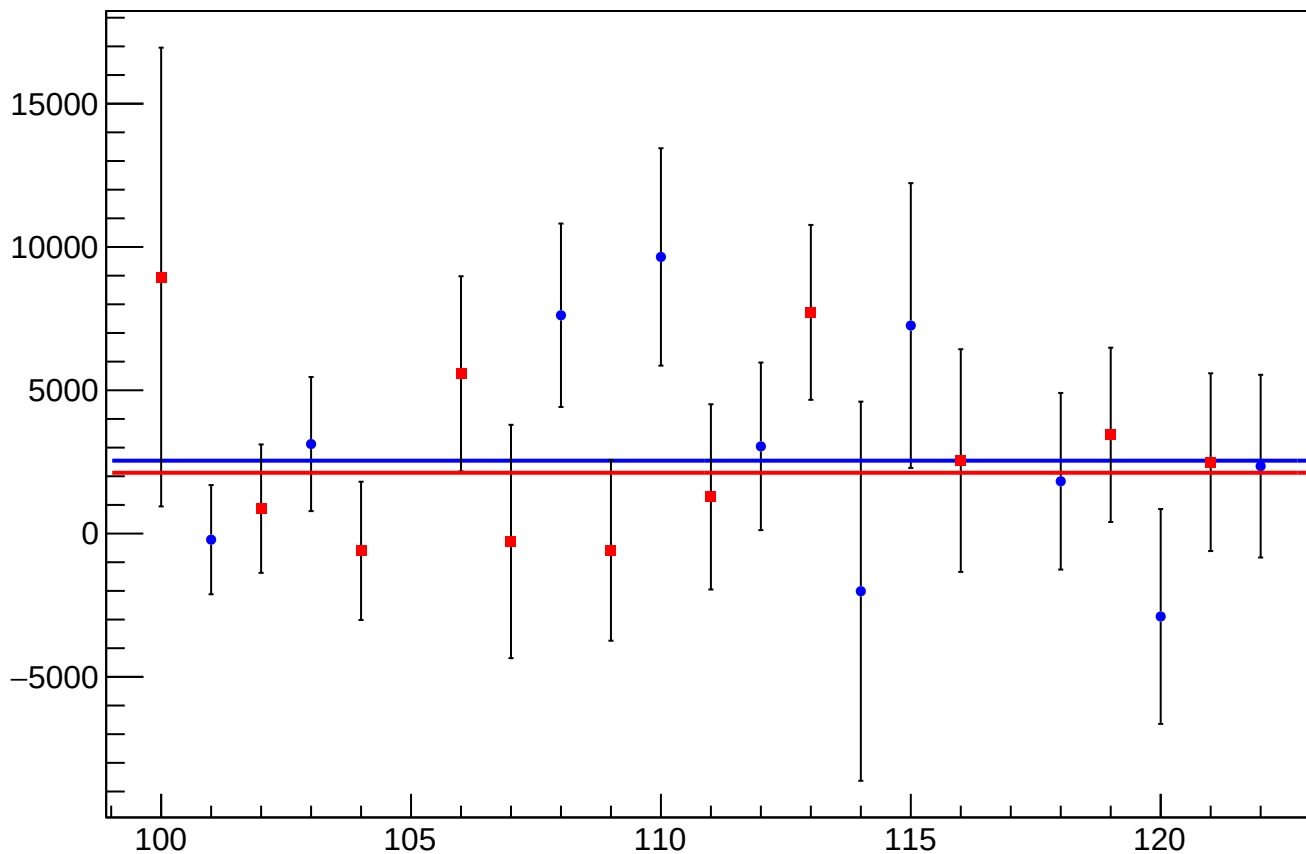
Right: 1613.971+/-0.395 χ^2/NDF : 537878.3/20

In: 1556.363+/-0.556 χ^2/NDF : 325912.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.971+/-0.395 χ^2/NDF : 537878.3/20

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: 2122.723+/-946.909 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

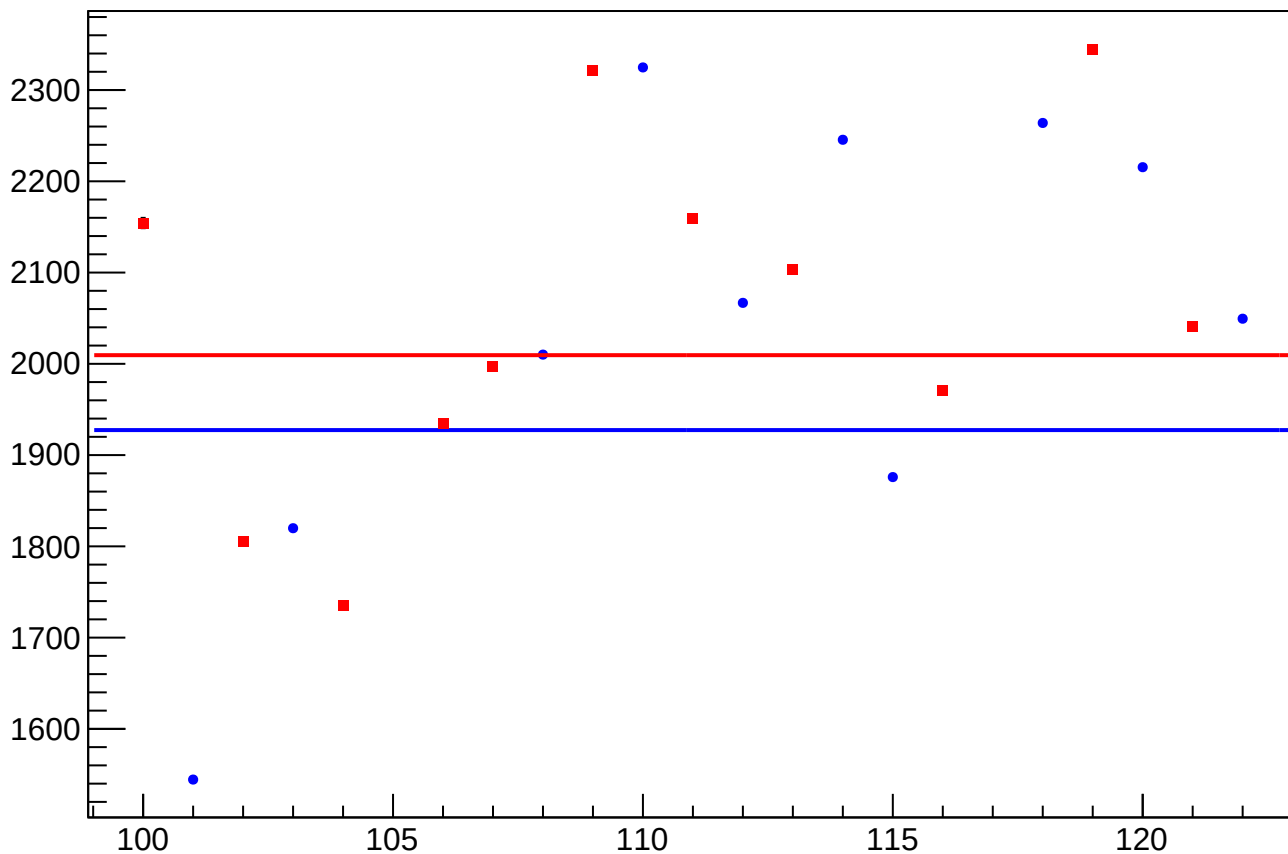
Right: 2330.124+/-674.874 χ^2/NDF : 19.9/20

In: 2544.235+/-962.105 χ^2/NDF : 11.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2330.124+/-674.874 χ^2/NDF : 19.9/20

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: 2009.485+/-0.670 χ^2/NDF : 94560.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

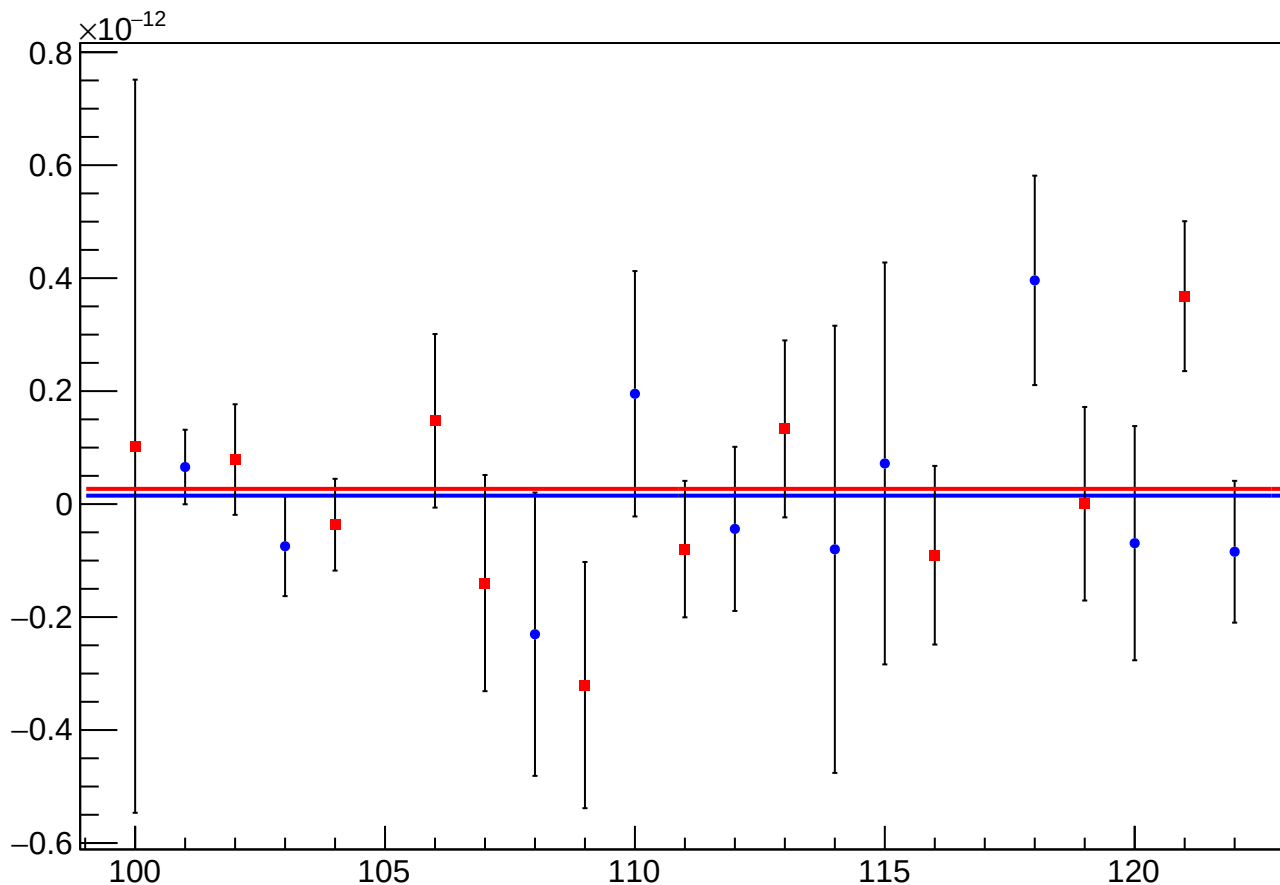
Right: 1969.097+/-0.477 χ^2/NDF : 258227.5/20

In: 1927.404+/-0.680 χ^2/NDF : 156272.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1969.097+/-0.477 χ^2/NDF : 258227.5/20

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 : 13.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

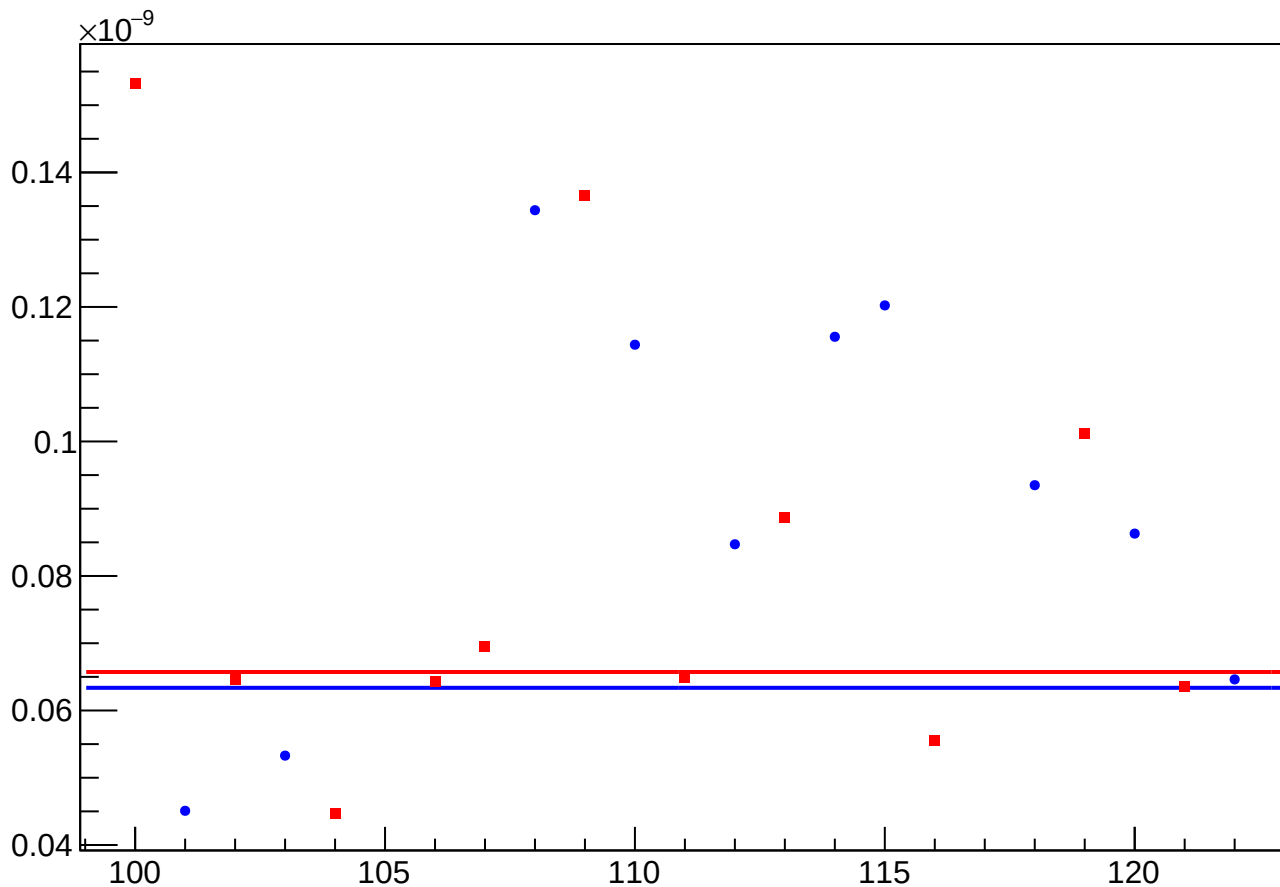
Right: 0.000+/-0.000 χ^2/NDF : 21.8/20

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 : 21.8/20

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 : 520009.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

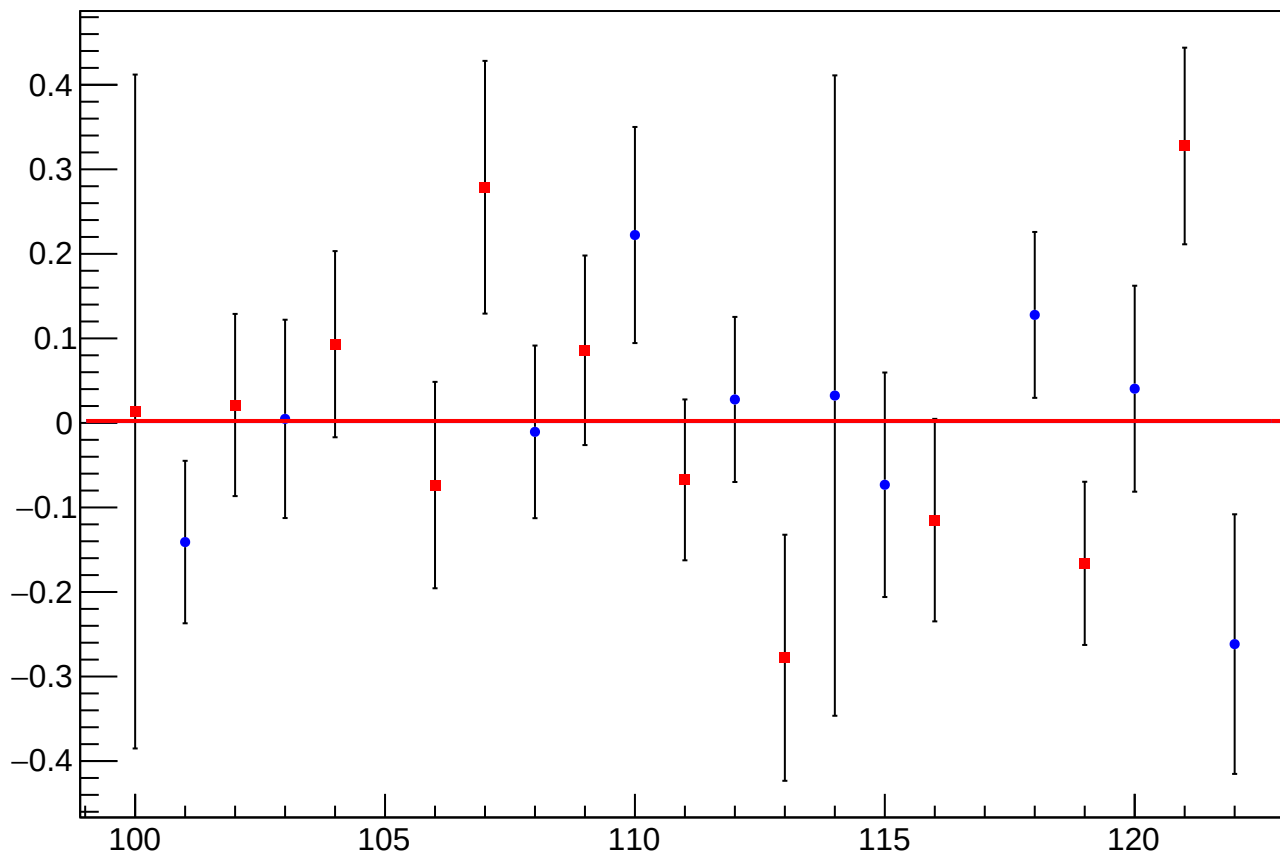
Right: 0.000+/-0.000 χ^2/NDF : 1180086.4/20

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 : 1180086.4/20

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: 0.002+/-0.036 χ^2/NDF : 21.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

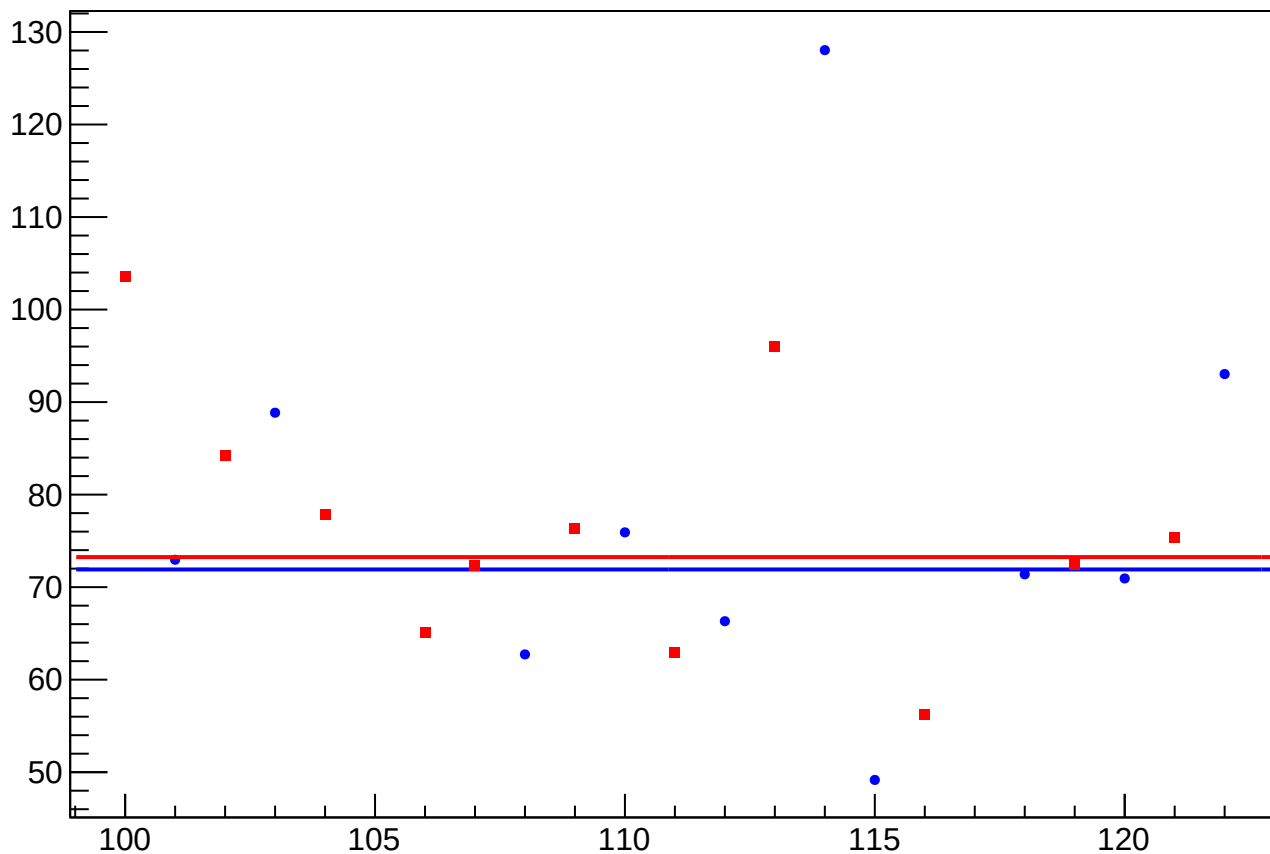
Right: 0.002+/-0.026 χ^2/NDF : 31.4/20

In: 0.002+/-0.037 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.026 χ^2/NDF : 31.4/20

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: 73.248+/-0.025 χ^2/NDF : 160007.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

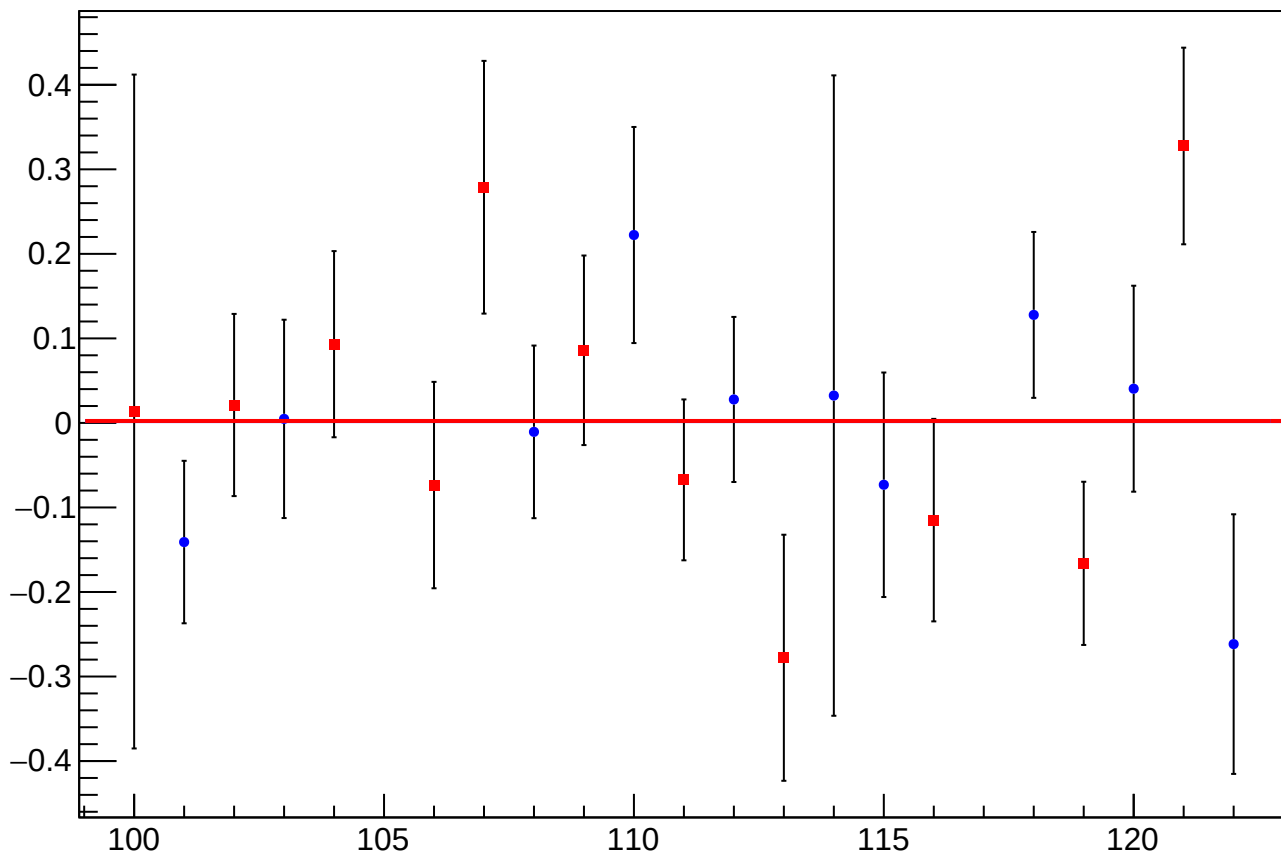
Right: 72.604+/-0.018 χ^2/NDF : 368604.1/20

In: 71.911+/-0.026 χ^2/NDF :207263.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 72.604+/-0.018 χ^2/NDF : 368604.1/20

asym_usr_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: 0.002+/-0.036 χ^2/NDF : 21.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

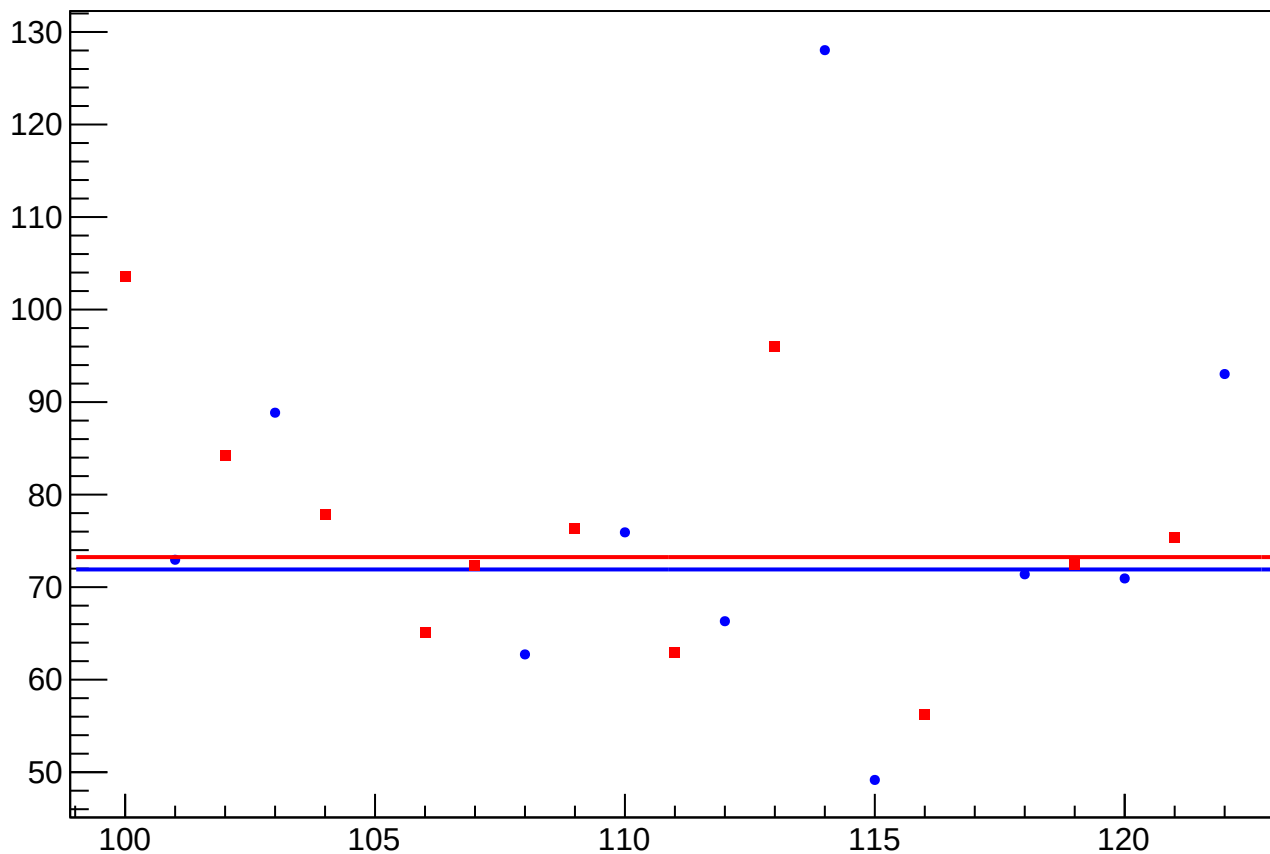
Right: 0.002+/-0.026 χ^2/NDF : 31.4/20

In: 0.002+/-0.037 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.026 χ^2/NDF : 31.4/20

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: 73.248+/-0.025 χ^2/NDF : 160007.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

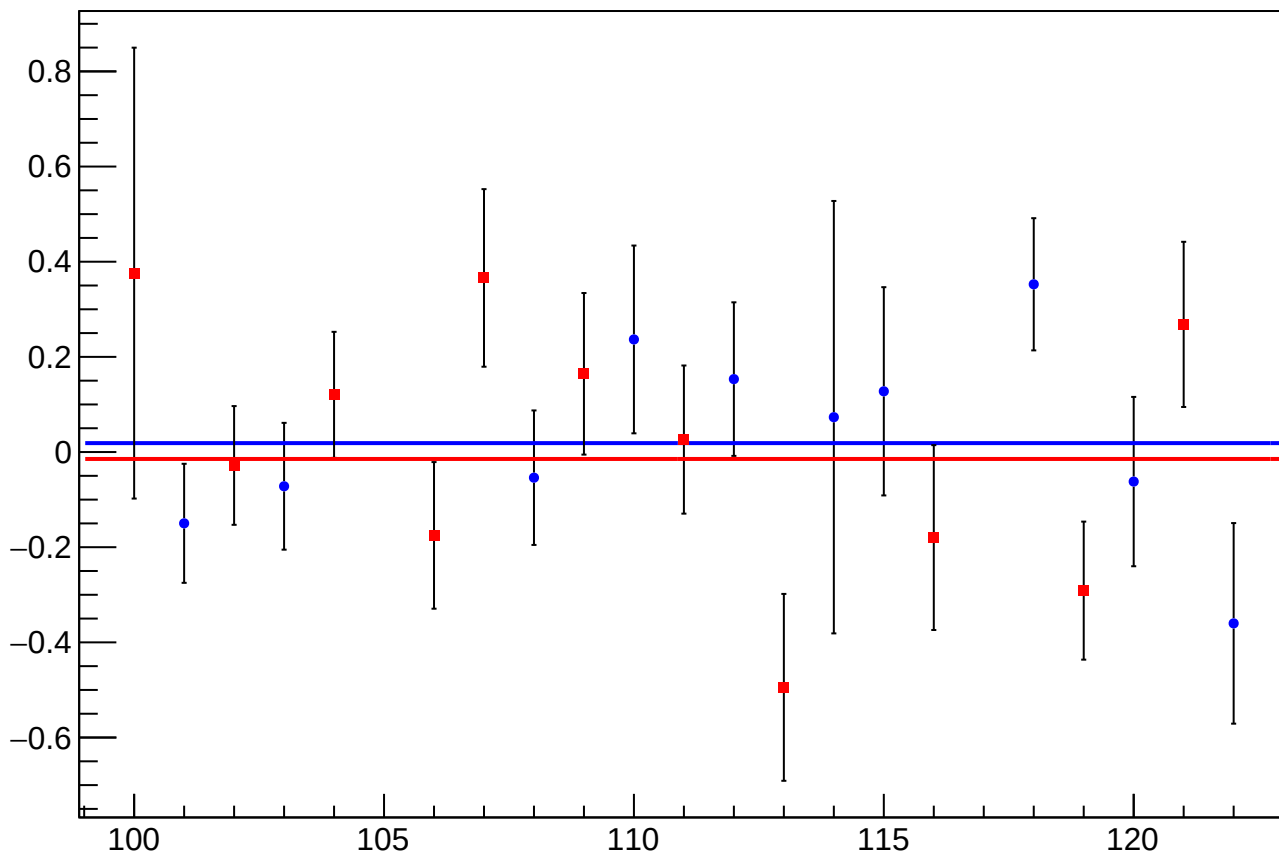
Right: 72.604+/-0.018 χ^2/NDF : 368604.1/20

In: 71.911+/-0.026 χ^2/NDF : 207263.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.604+/-0.018 χ^2/NDF : 368604.1/20

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: -0.015+/-0.050 χ^2/NDF : 21.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

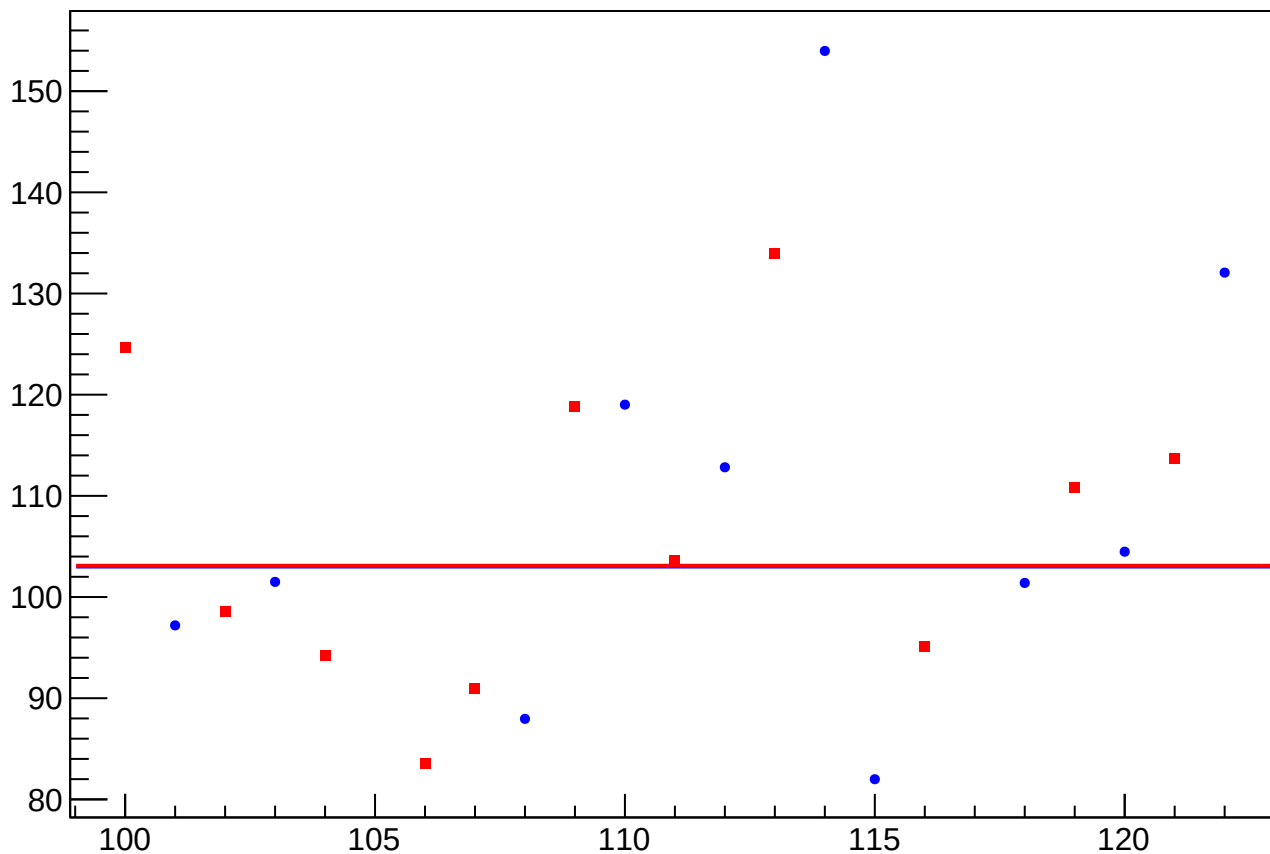
Right: 0.001+/-0.036 χ^2/NDF : 35.3/20

In: 0.019+/-0.052 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.036 χ^2/NDF : 35.3/20

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: 103.089+/-0.035 χ^2/NDF : 139876.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

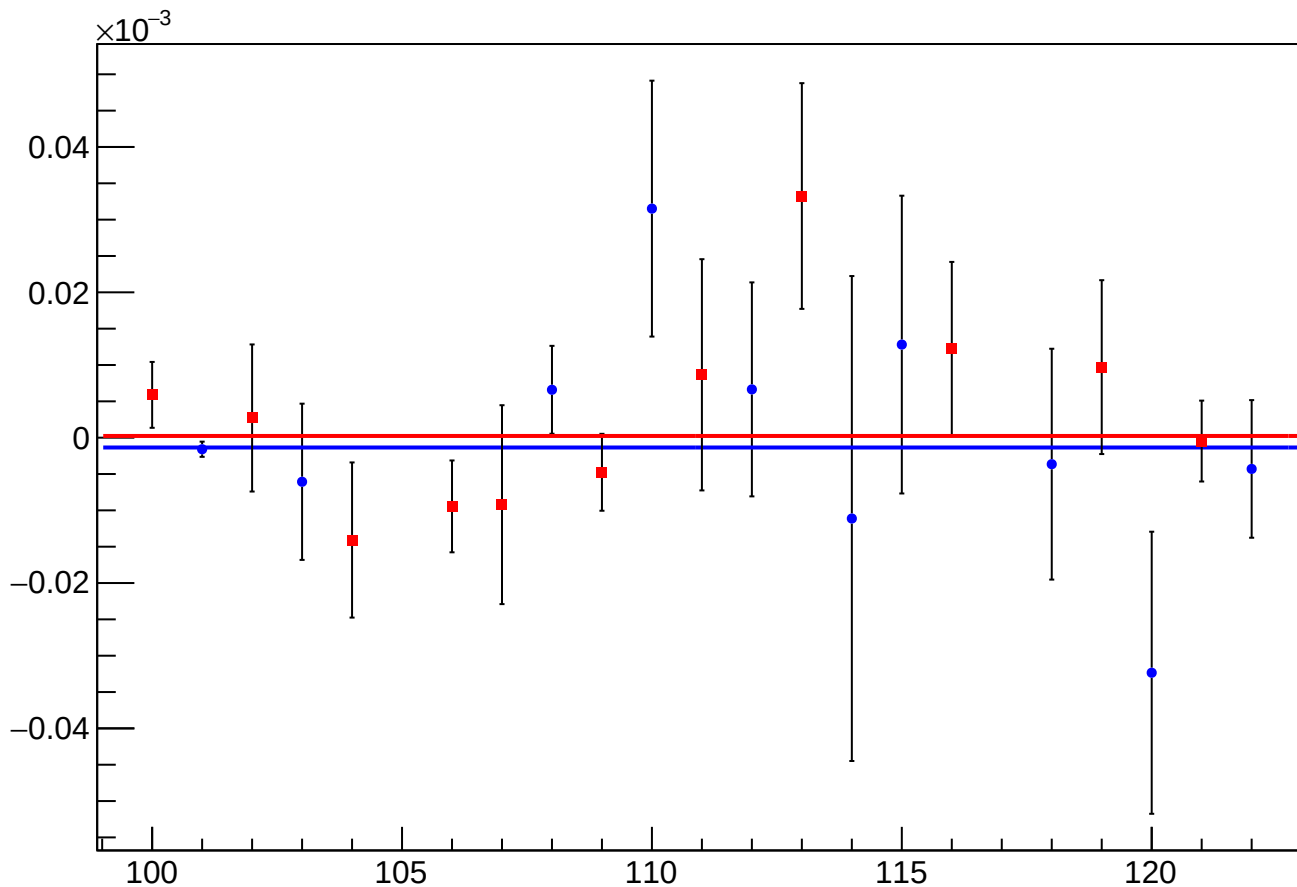
Right: 103.055+/-0.025 χ^2/NDF : 269698.1/20

In: 103.017+/-0.037 χ^2/NDF : 129819.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.055+/-0.025 χ^2/NDF : 269698.1/20

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 : 13.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

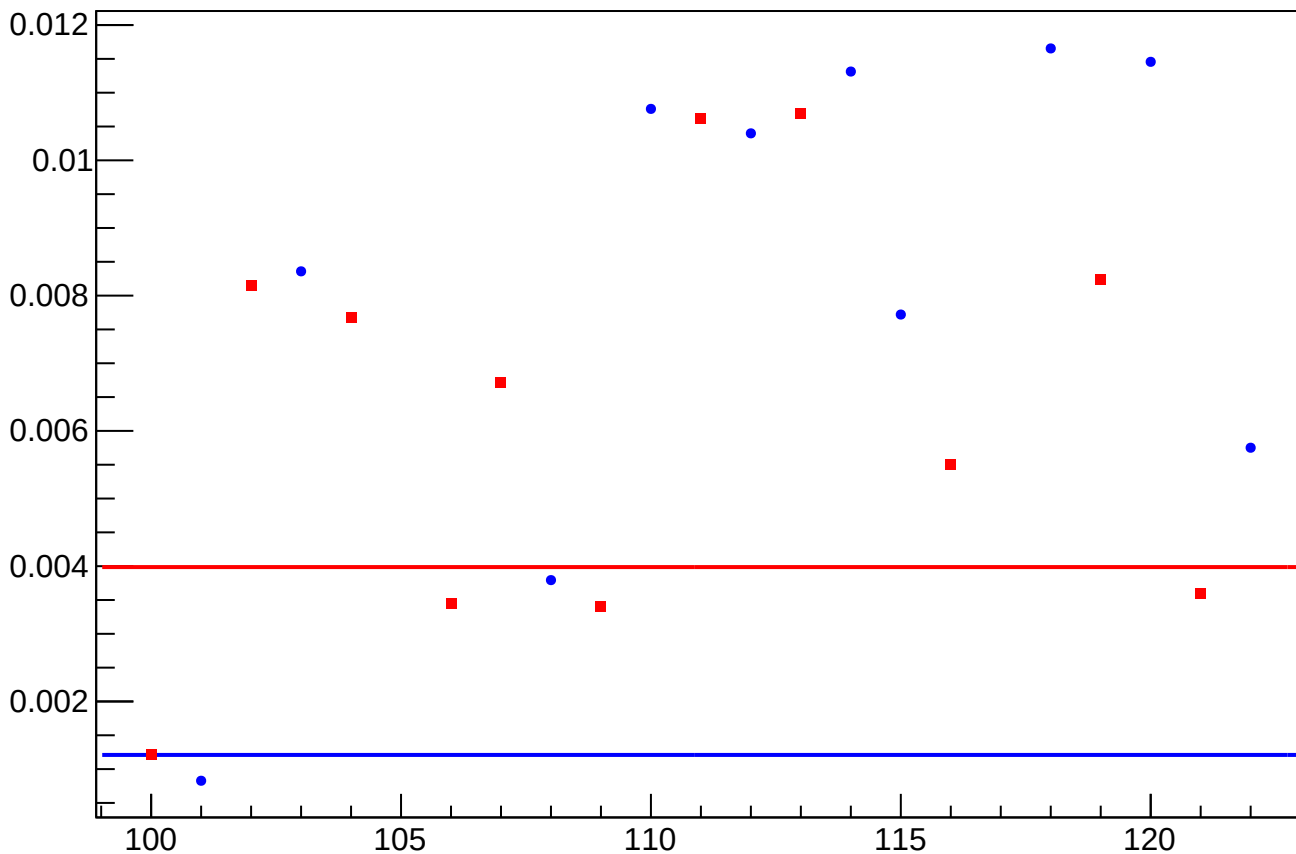
Right: -0.000+/-0.000 χ^2/NDF : 23.0/20

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 : 23.0/20

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 : 2455547.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

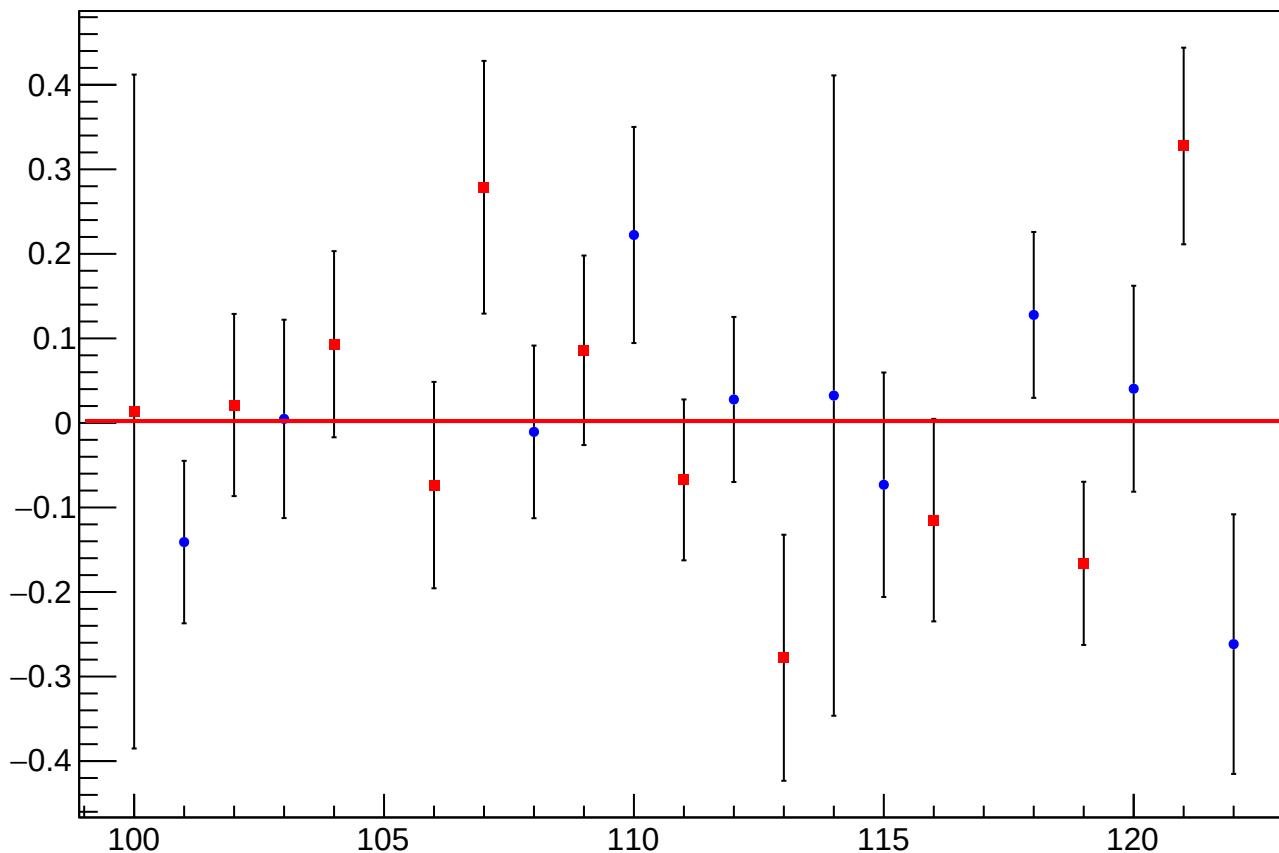
Right: 0.002+/-0.000 χ^2/NDF : 10039212.8/20

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 : 10039212.8/20

asym_usr_eigen_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: 0.002+/-0.036 χ^2/NDF : 21.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

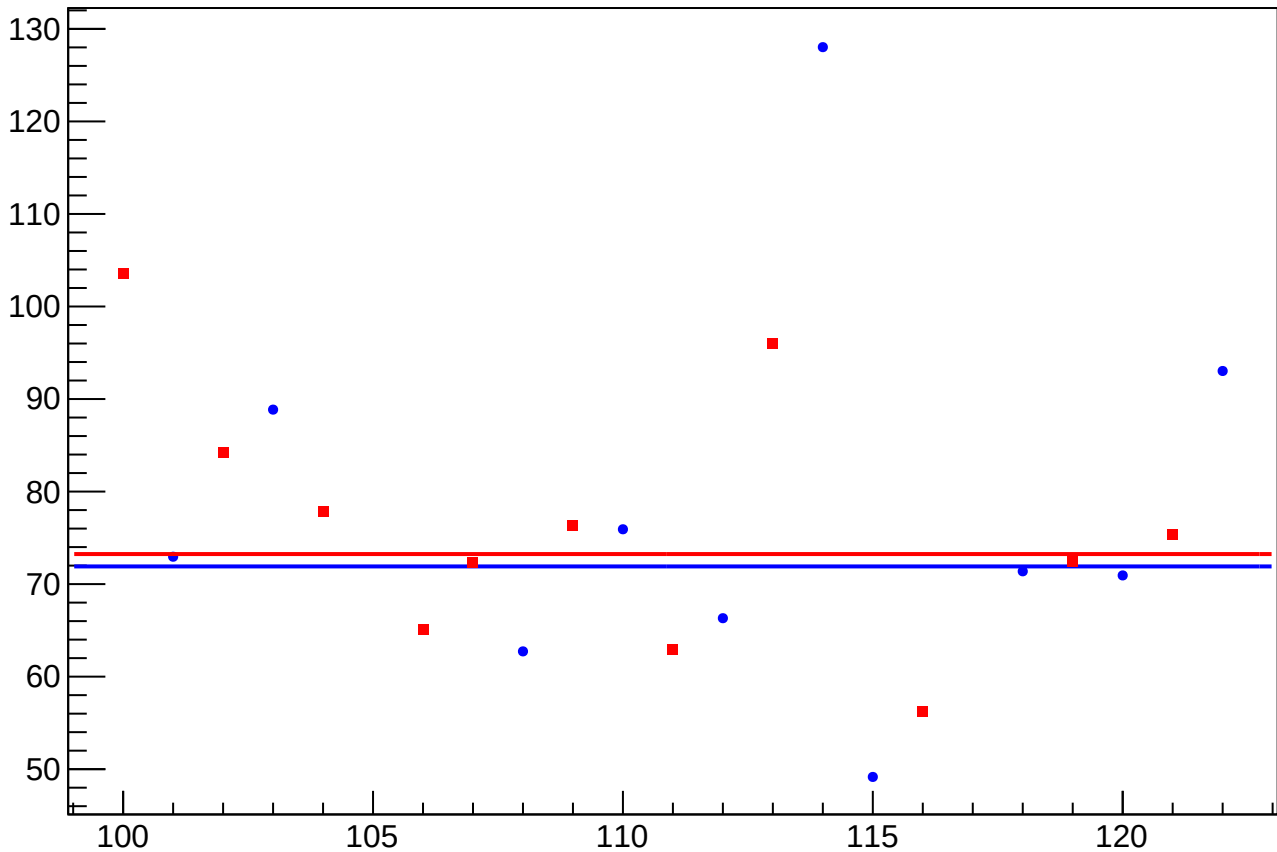
Right: 0.002+/-0.026 χ^2/NDF : 31.4/20

In: 0.002+/-0.037 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.026 χ^2/NDF : 31.4/20

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: 73.247+/-0.025 χ^2/NDF : 160004.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

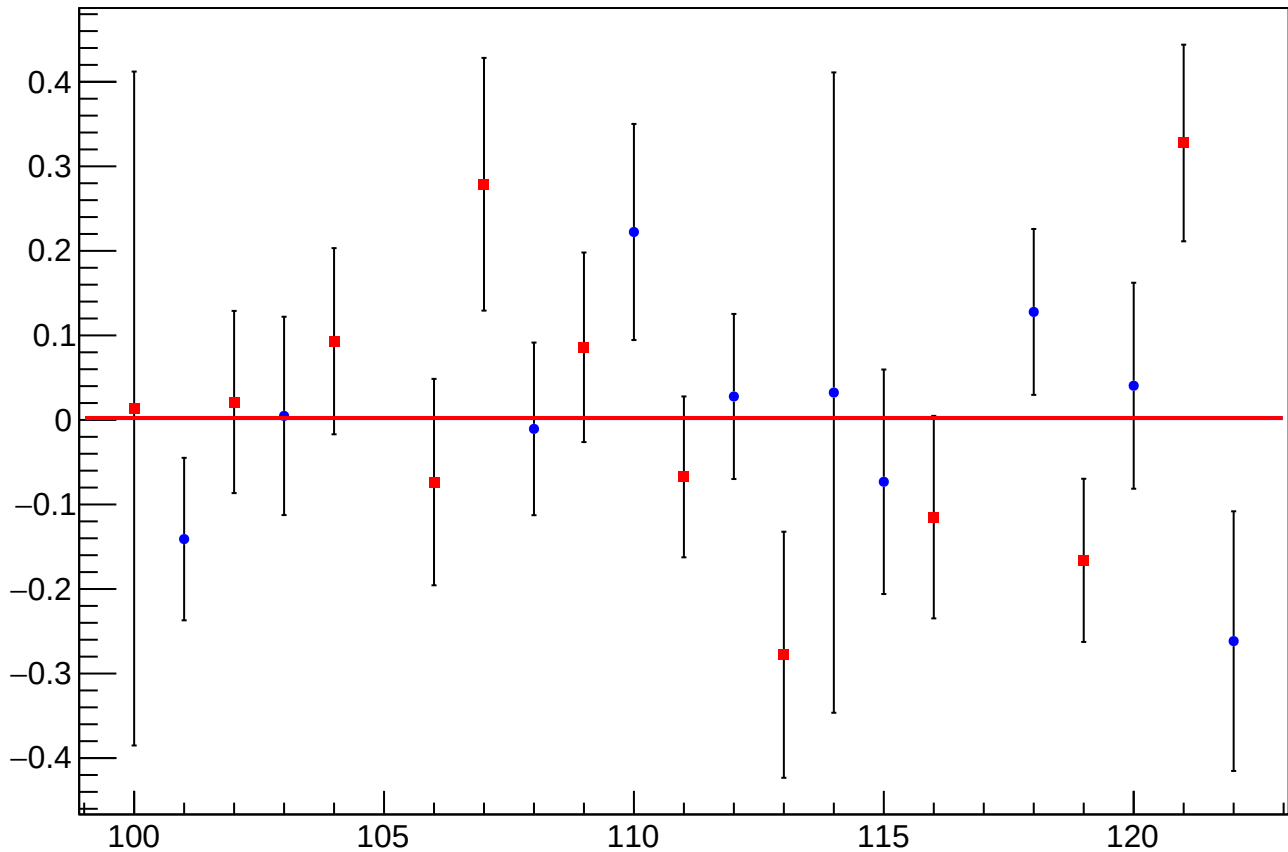
Right: 72.603+/-0.018 χ^2/NDF : 368624.3/20

In: 71.910+/-0.026 χ^2/NDF : 207286.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.603+/-0.018 χ^2/NDF : 368624.3/20

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: 0.002+/-0.036 χ^2/NDF : 21.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

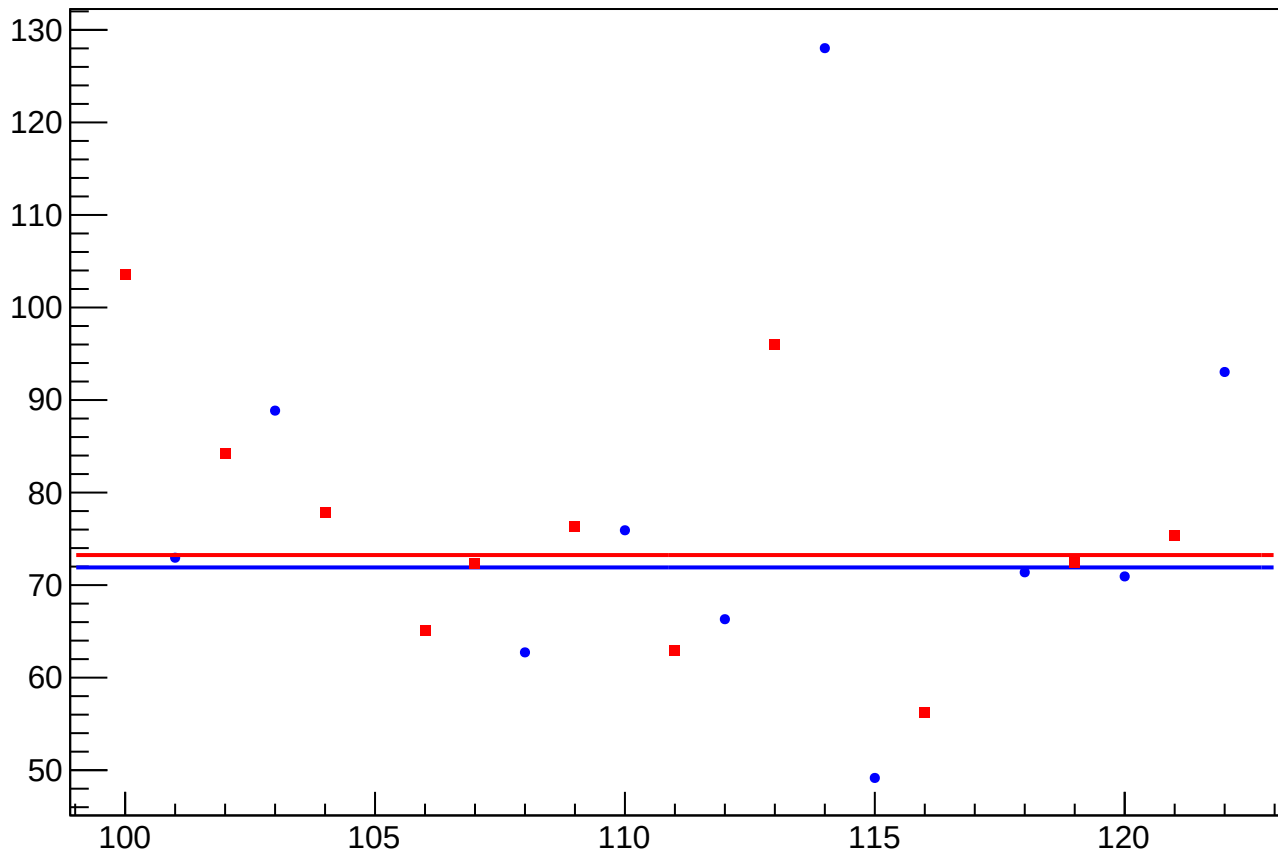
Right: 0.002+/-0.026 χ^2/NDF : 31.4/20

In: 0.002+/-0.037 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.026 χ^2/NDF : 31.4/20

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: 73.247+/-0.025 χ^2/NDF : 160004.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

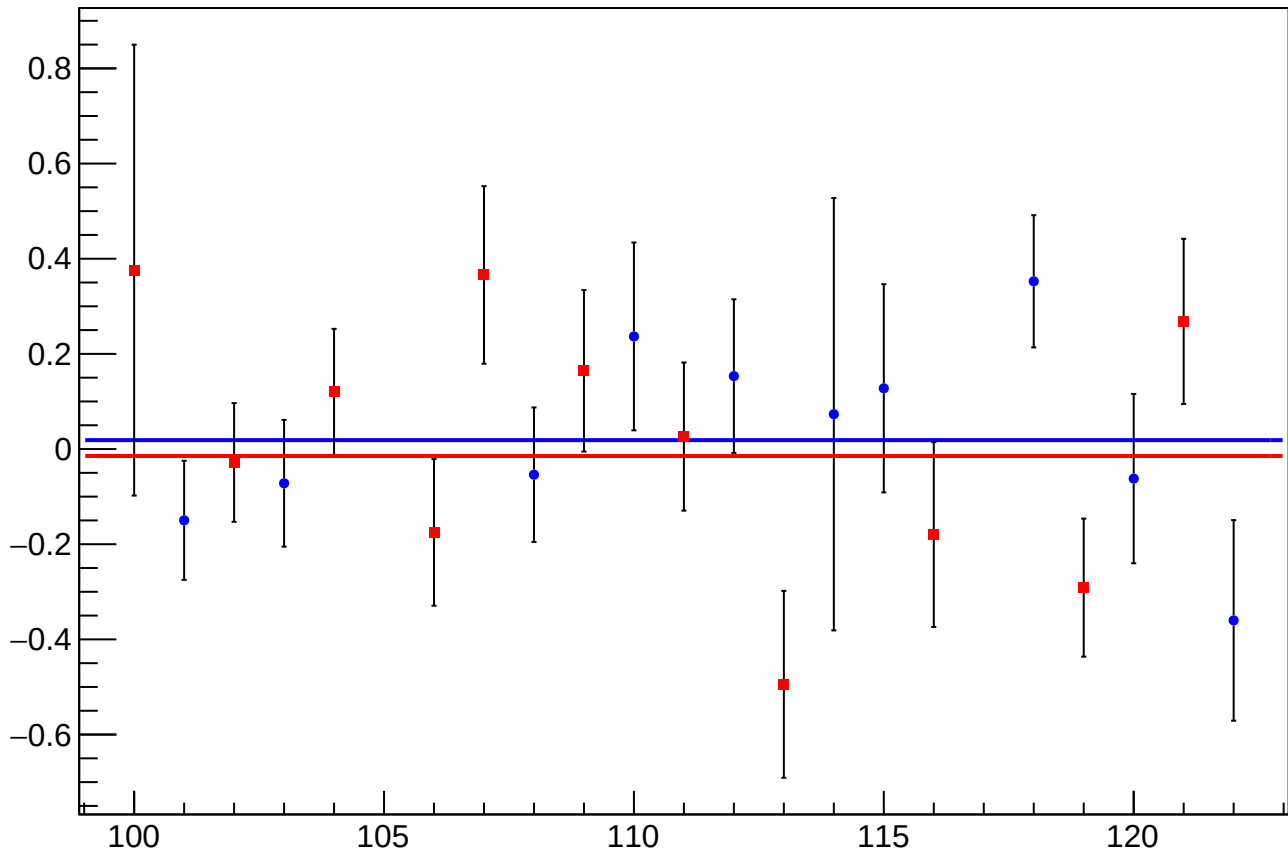
Right: 72.603+/-0.018 χ^2/NDF : 368624.3/20

In: 71.910+/-0.026 χ^2/NDF :207286.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 72.603+/-0.018 χ^2/NDF : 368624.3/20

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: -0.015+/-0.050 χ^2/NDF : 21.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

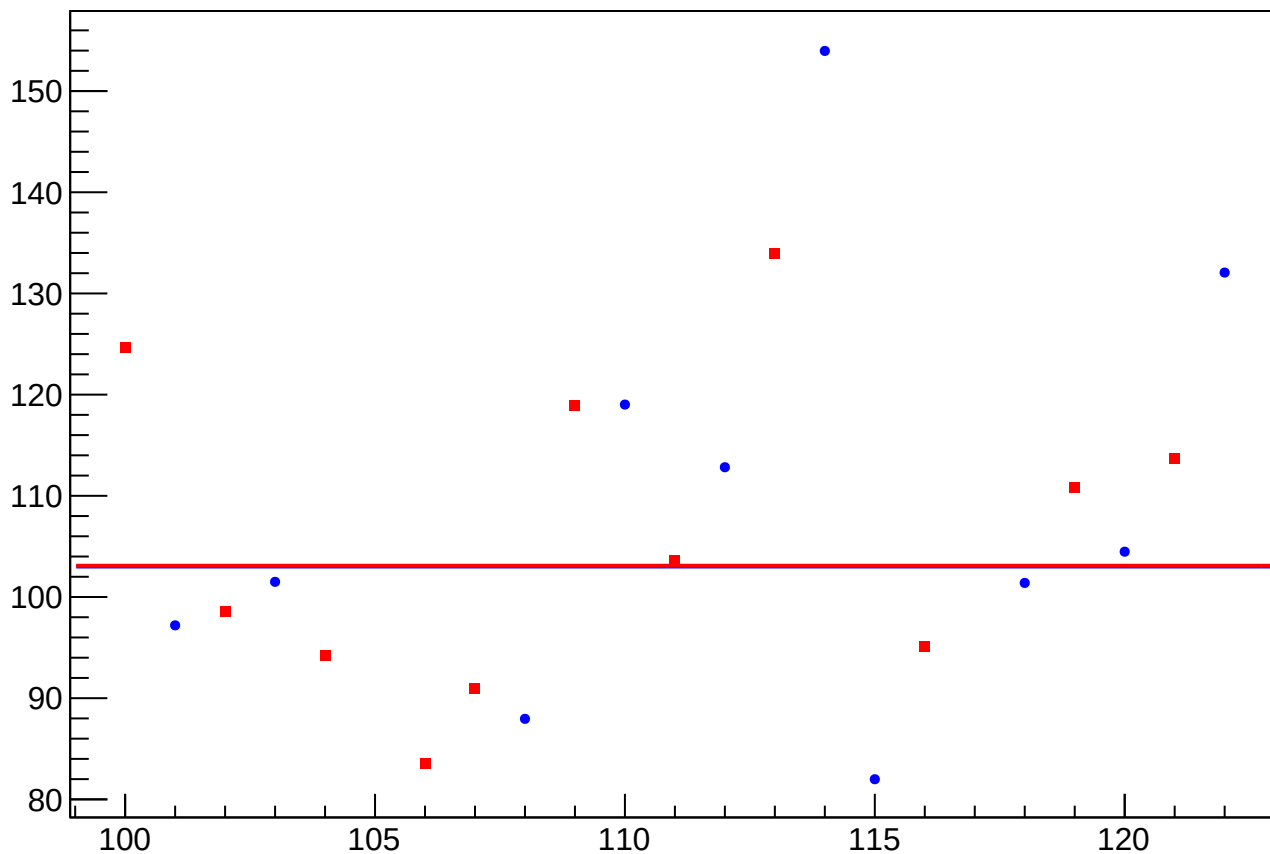
Right: 0.001+/-0.036 χ^2/NDF : 35.3/20

In: 0.019+/-0.052 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.036 χ^2/NDF : 35.3/20

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: 103.089+/-0.035 χ^2/NDF : 139858.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

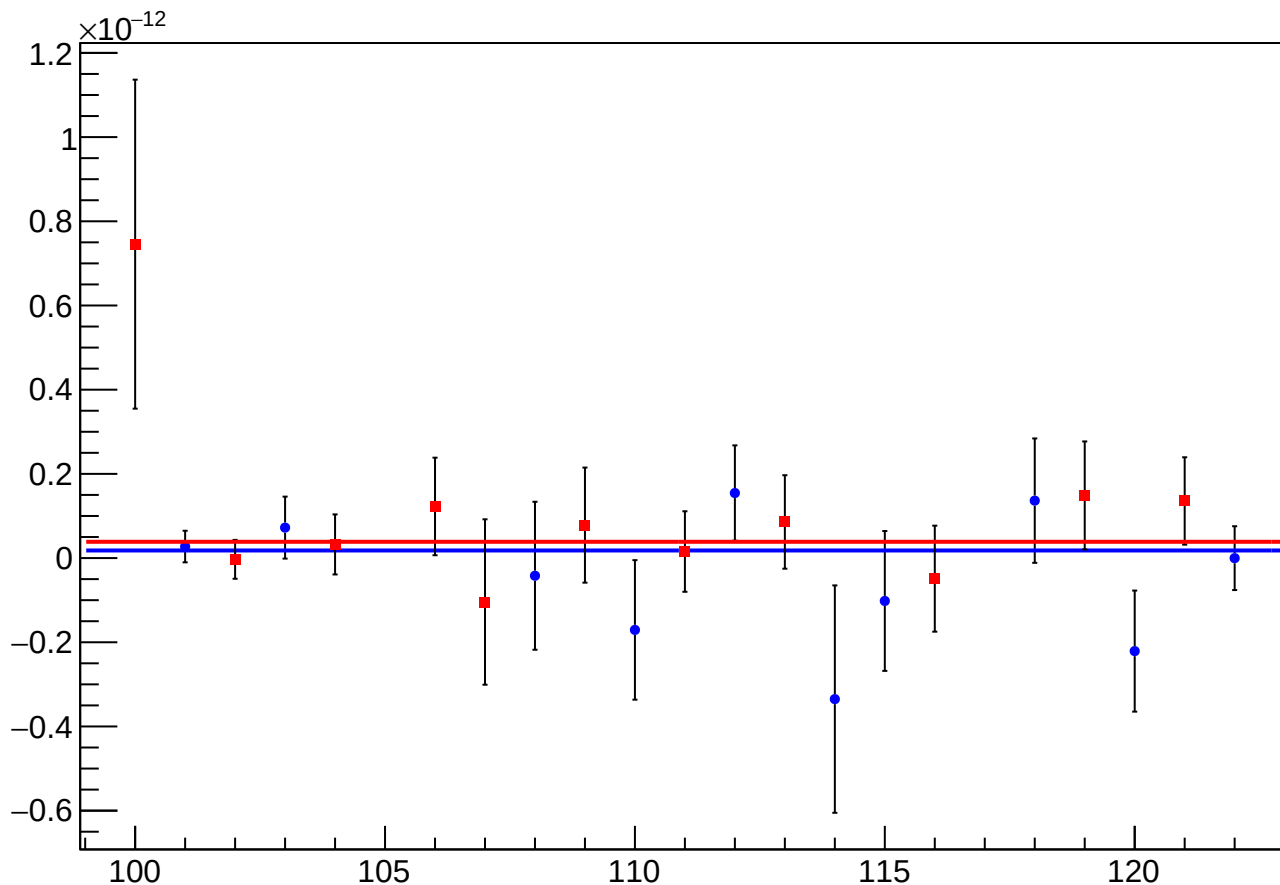
Right: 103.054+/-0.025 χ^2/NDF : 269675.9/20

In: 103.016+/-0.037 χ^2/NDF : 129815.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.054+/-0.025 χ^2/NDF : 269675.9/20

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 : 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

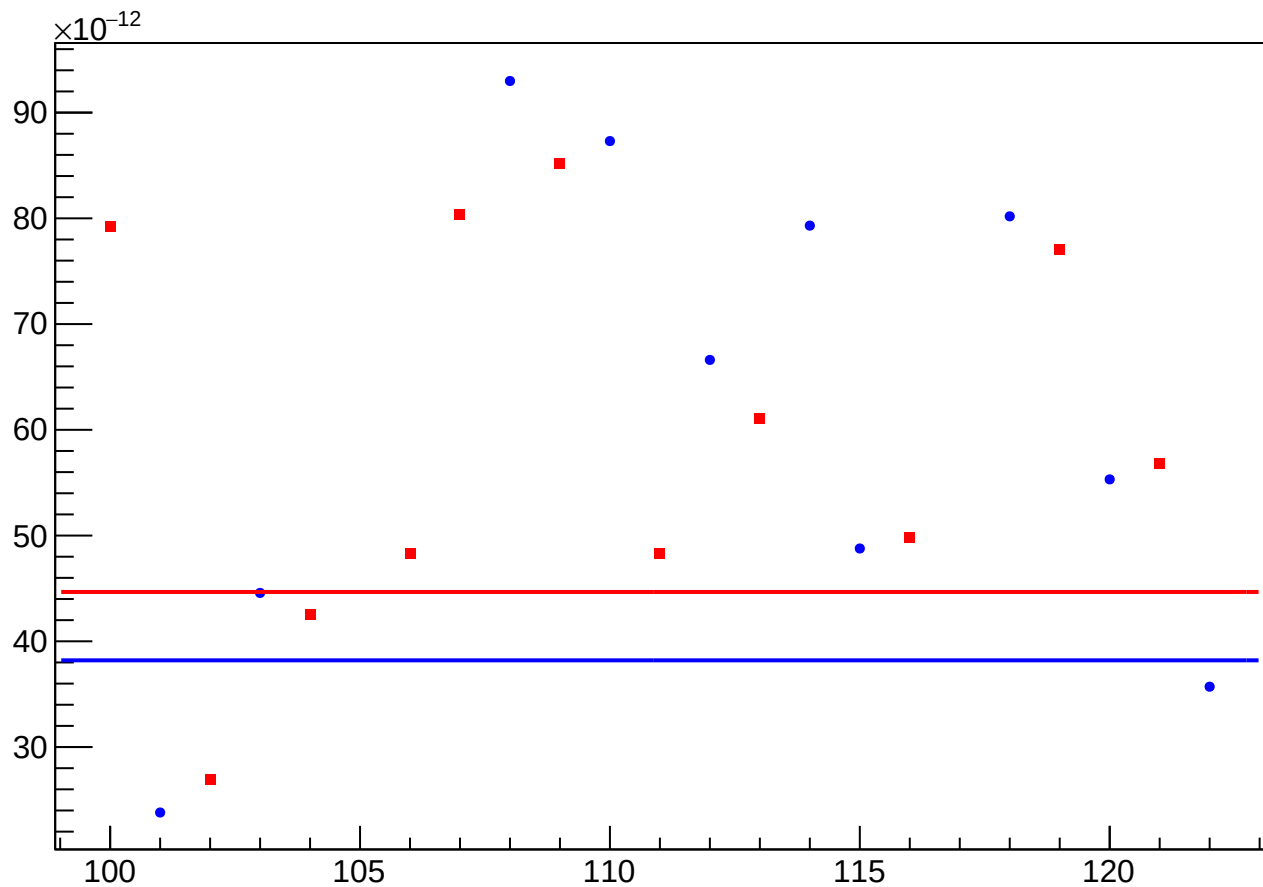
Right: 0.000+/-0.000 χ^2/NDF : 17.0/20

In: 0.000+/-0.000 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.0/20

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 : 760639.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

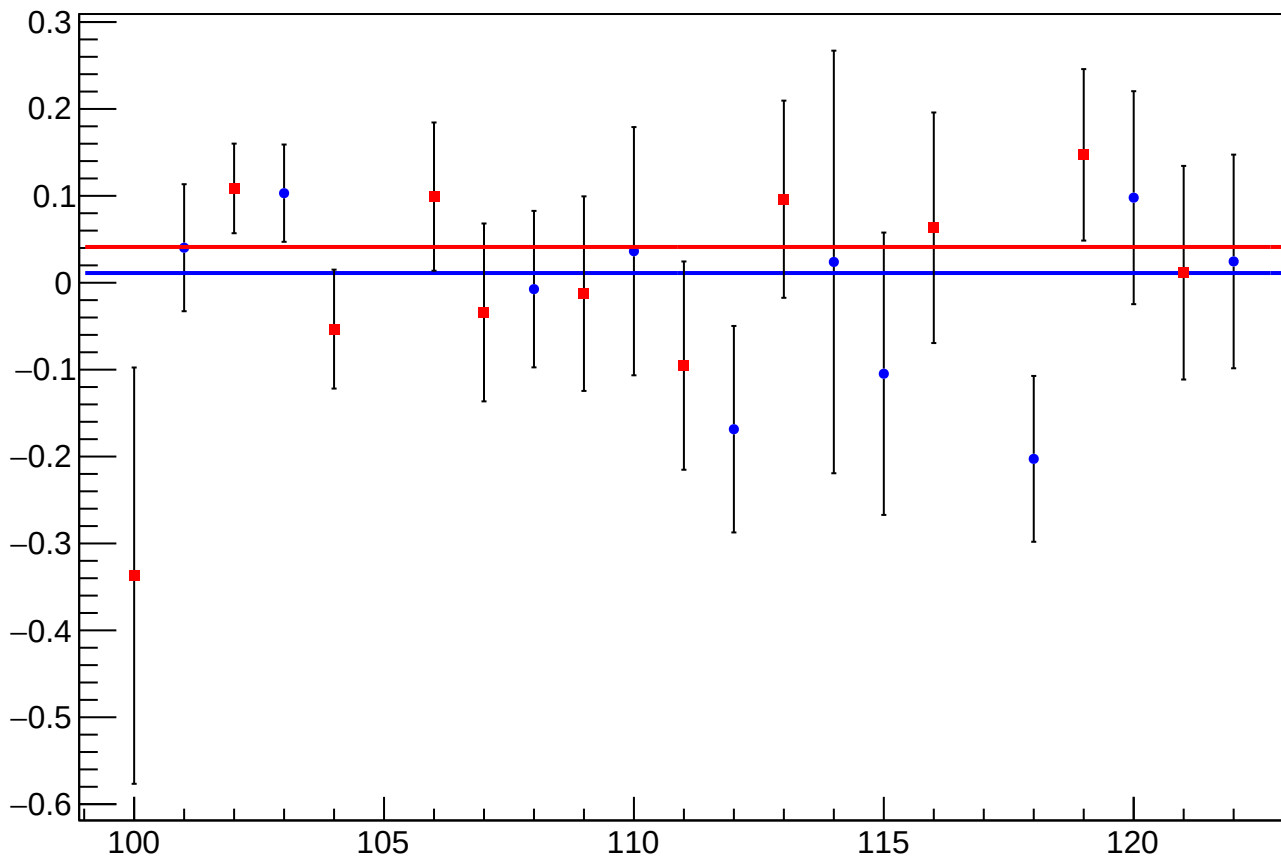
Right: 0.000+/-0.000 χ^2/NDF : 1866478.5/20

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 : 1866478.5/20

asym_usr_overload_cor_vs_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: 0.041 $\pm$ 0.028 χ^2 /NDF: 10.1/10

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

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

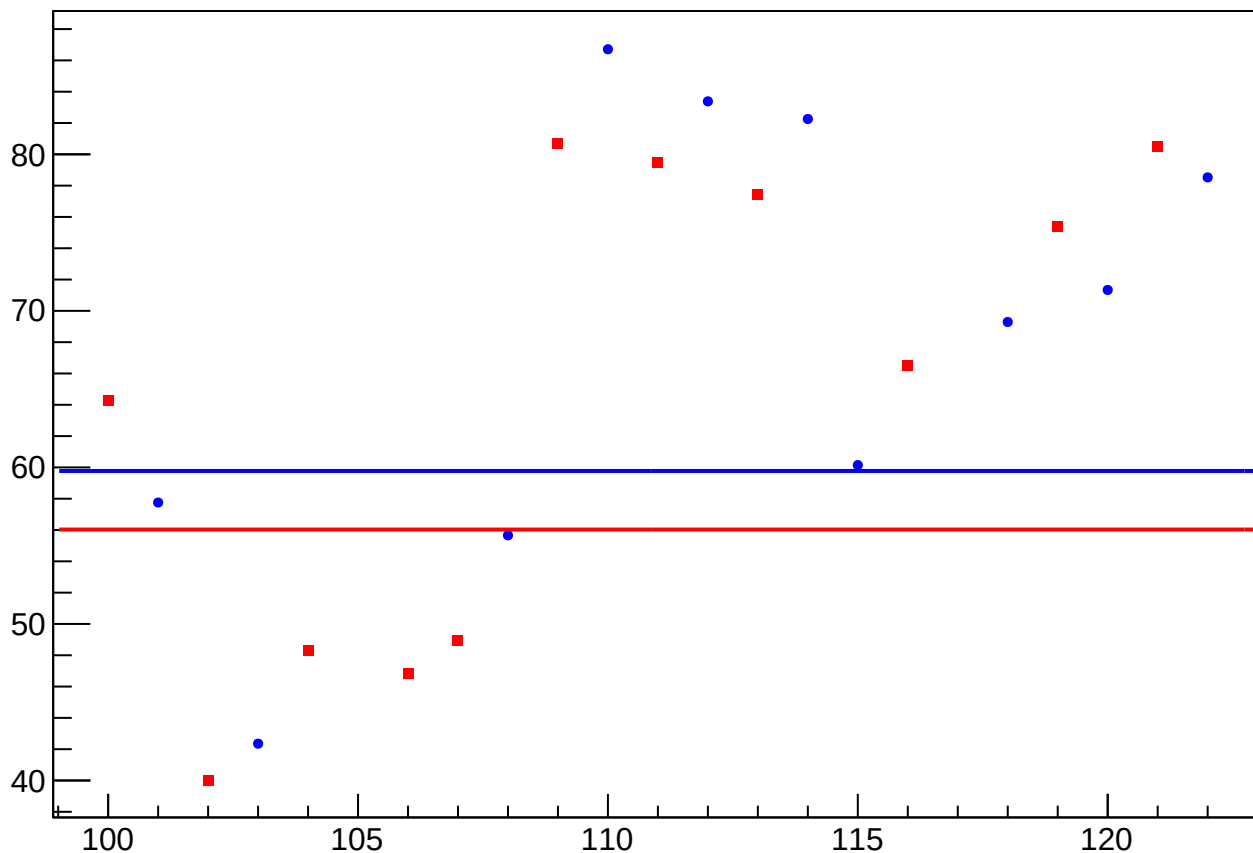
Right: 0.028 $\pm$ 0.021 χ^2 /NDF: 21.9/20

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: 0.028 $\pm$ 0.021 χ^2 /NDF: 21.9/20

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: 56.031+/-0.020 χ^2/NDF : 667216.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

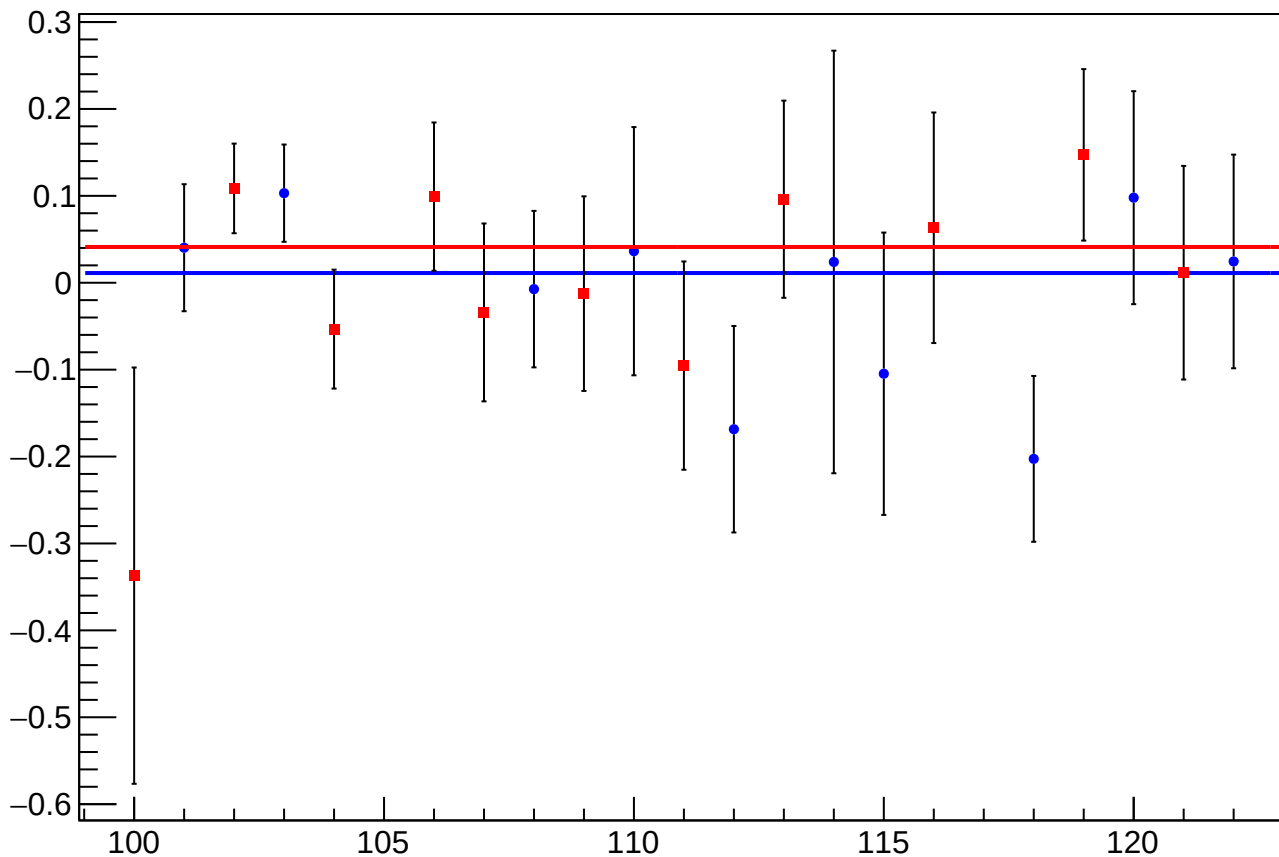
Right: 57.705+/-0.015 χ^2/NDF : 1134304.3/20

In: 59.772+/-0.022 χ^2/NDF : 450895.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.705+/-0.015 χ^2/NDF : 1134304.3/20

asym_usr_overload_cor_vs_eigen_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: 0.041+/-0.028 χ^2/NDF : 10.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

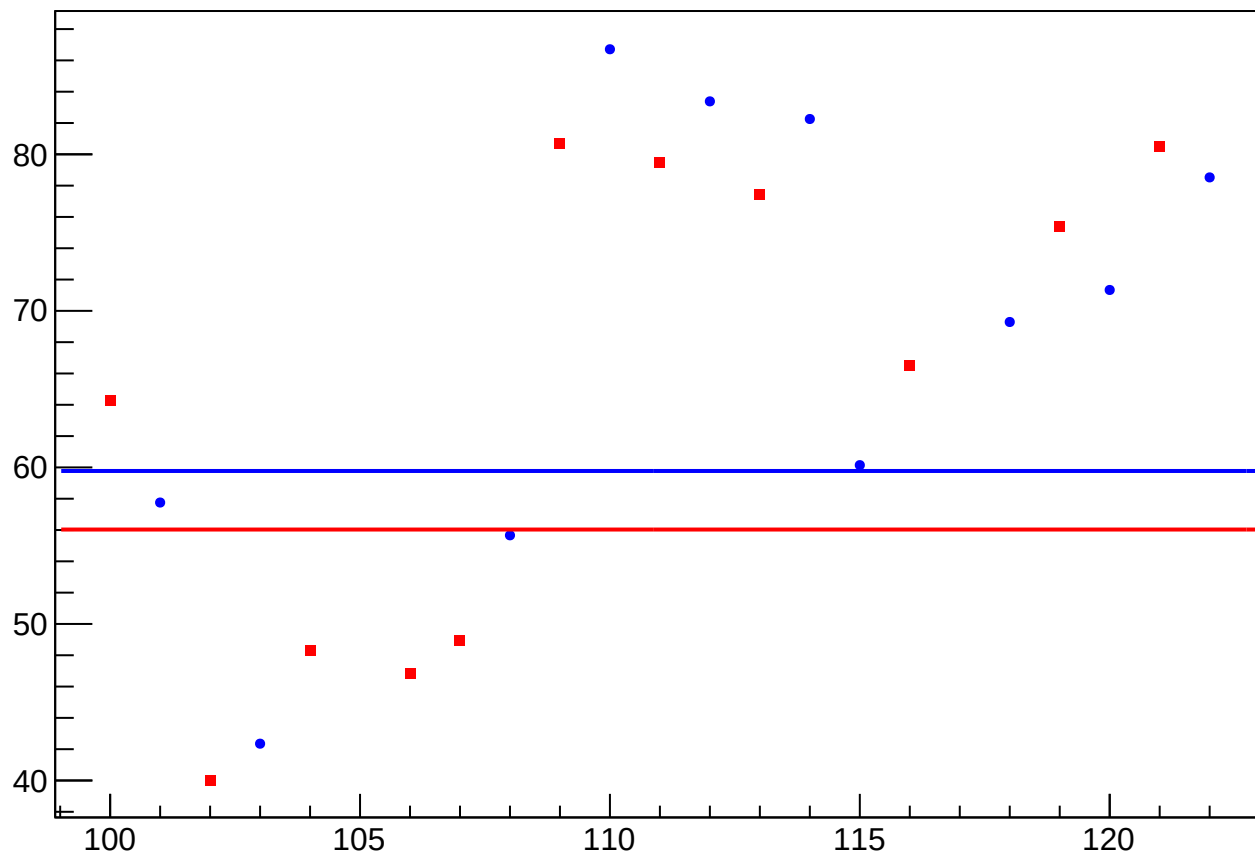
Right: 0.028+/-0.021 χ^2/NDF : 21.9/20

In: 0.011+/-0.031 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.021 χ^2/NDF : 21.9/20

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: 56.031+/-0.020 χ^2/NDF : 667216.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

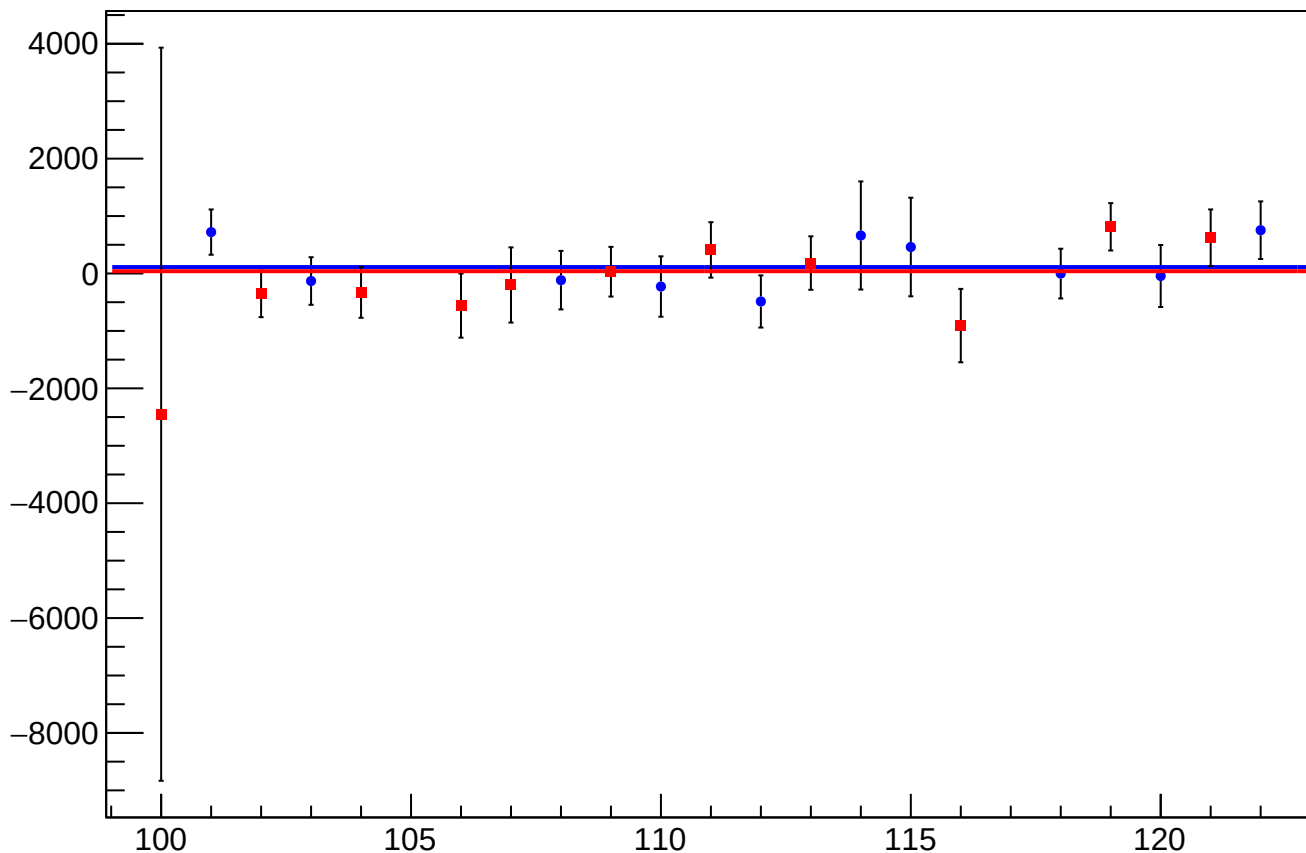
Right: 57.705+/-0.015 χ^2/NDF : 1134304.3/20

In: 59.772+/-0.022 χ^2/NDF :450895.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.705+/-0.015 χ^2/NDF : 1134304.3/20

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

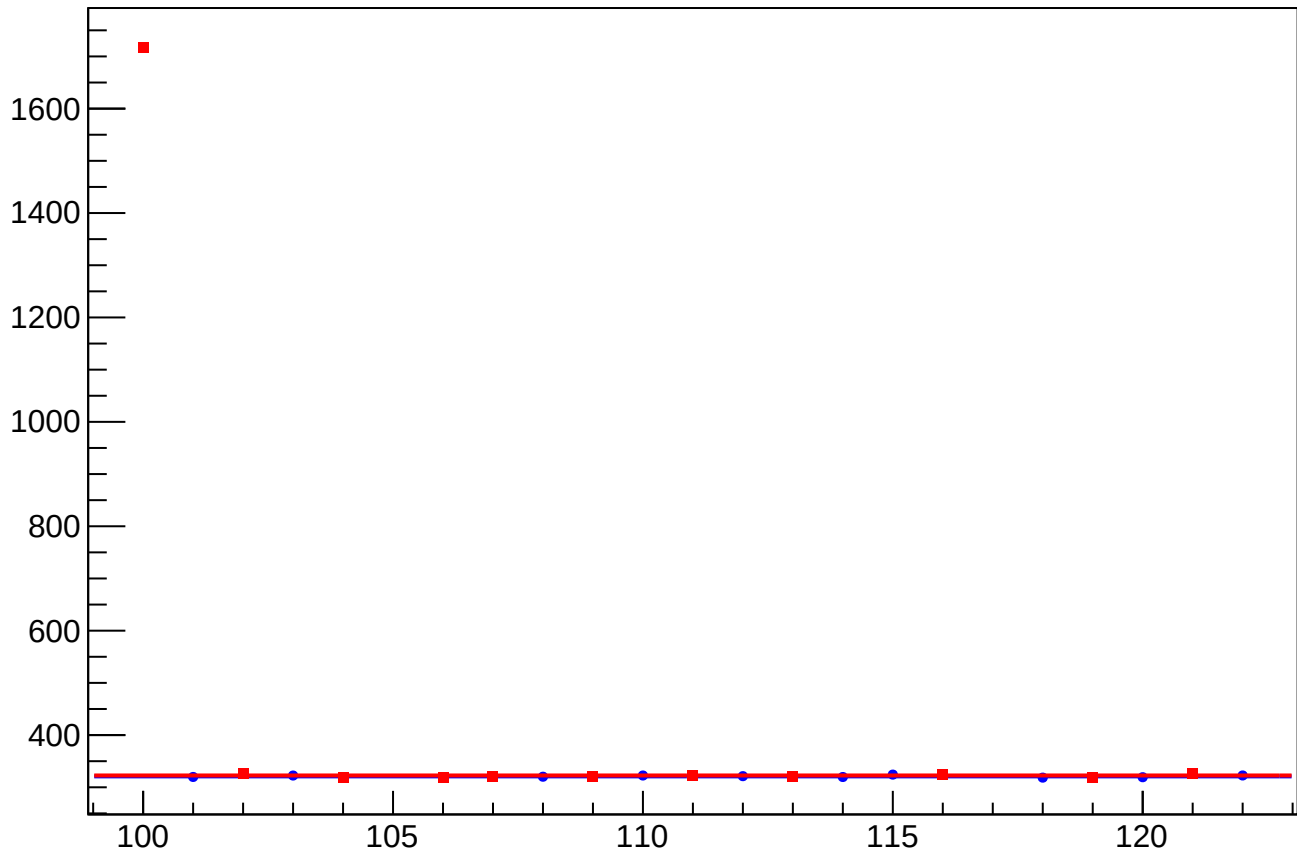
Right: 74.205+/-109.603 χ^2/NDF : 18.4/20

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

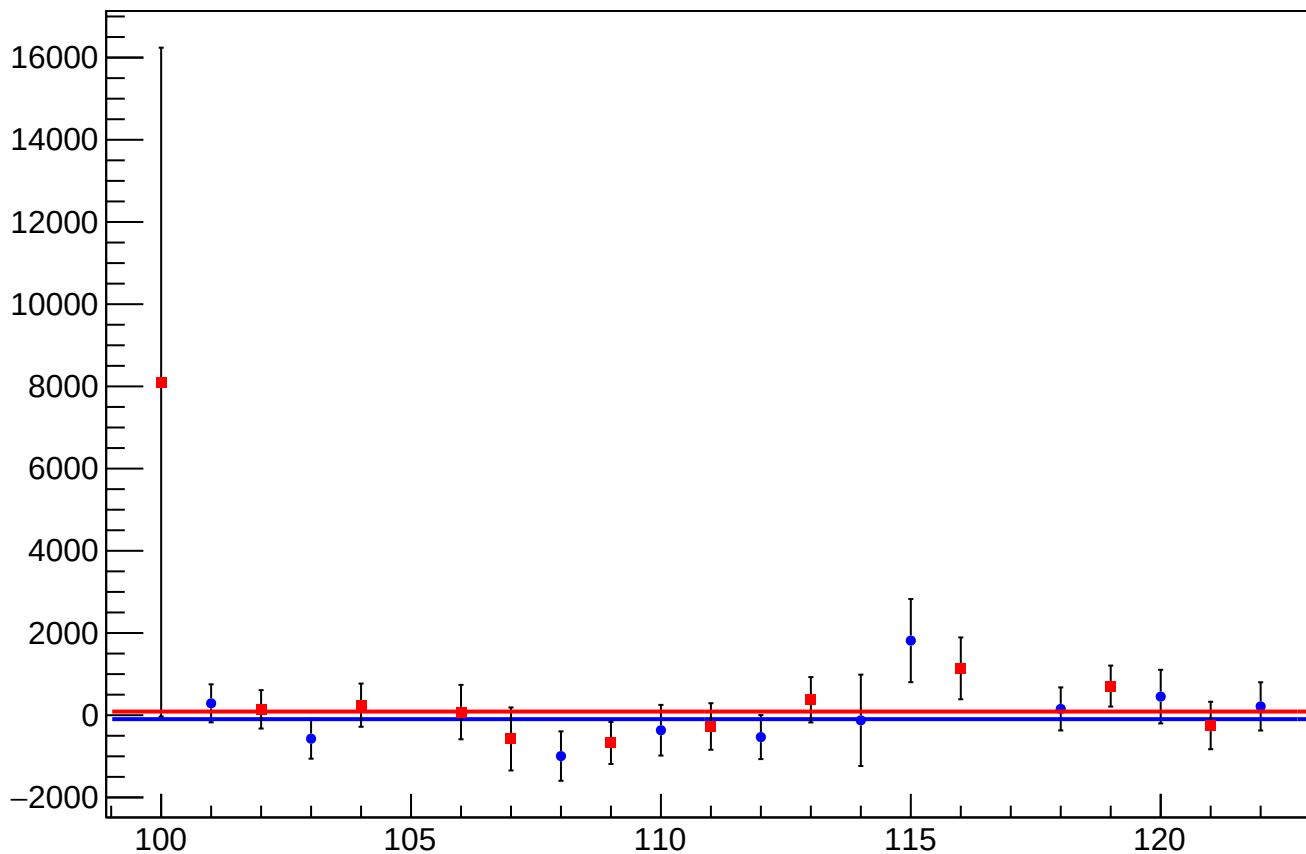
Right: 321.816+/-0.078 χ^2/NDF : 96823.7/20

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: 88.972 ± 179.013 χ^2/NDF : 8.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

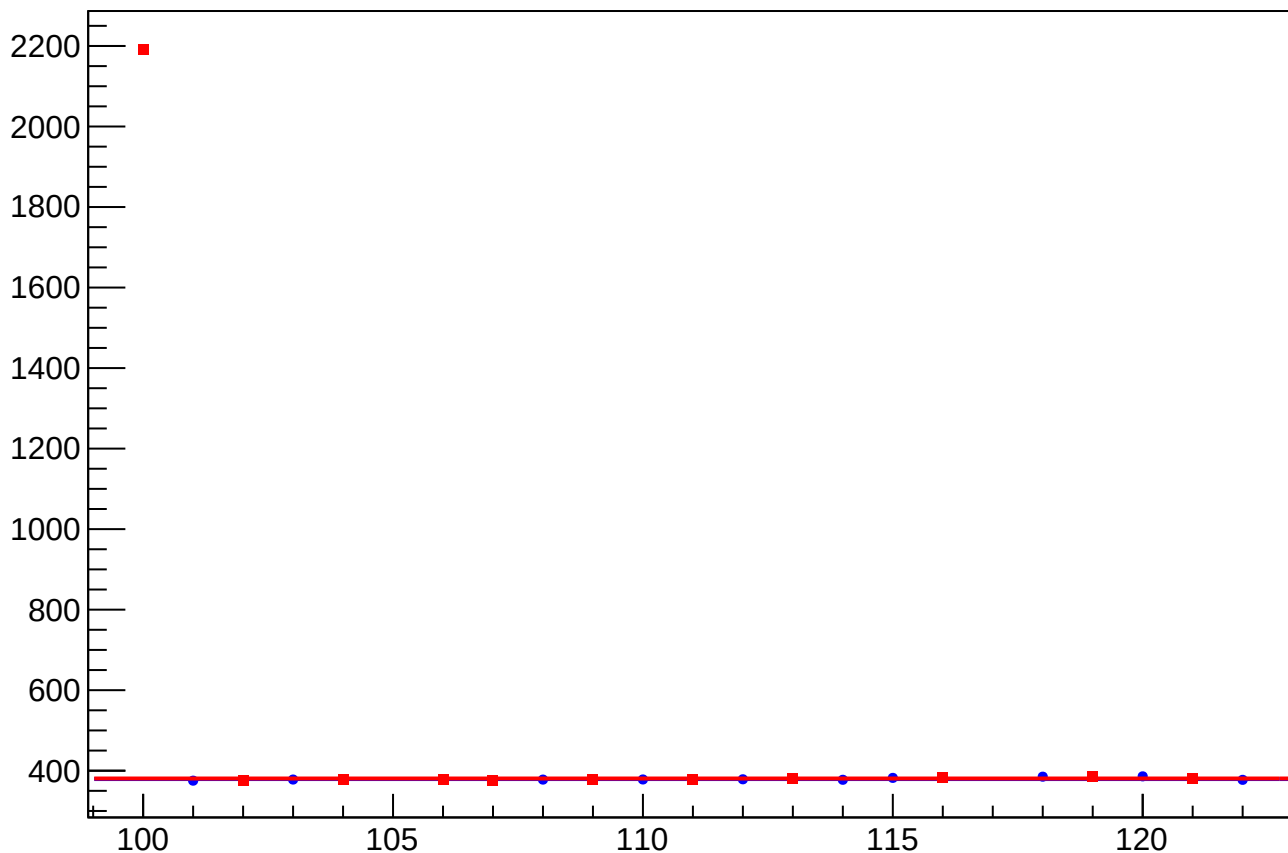
Right: 0.931 ± 129.435 χ^2/NDF : 18.6/20

In: -95.522 ± 187.370 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.931 ± 129.435 χ^2/NDF : 18.6/20

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: 380.625+/-0.127 χ^2/NDF : 99387.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

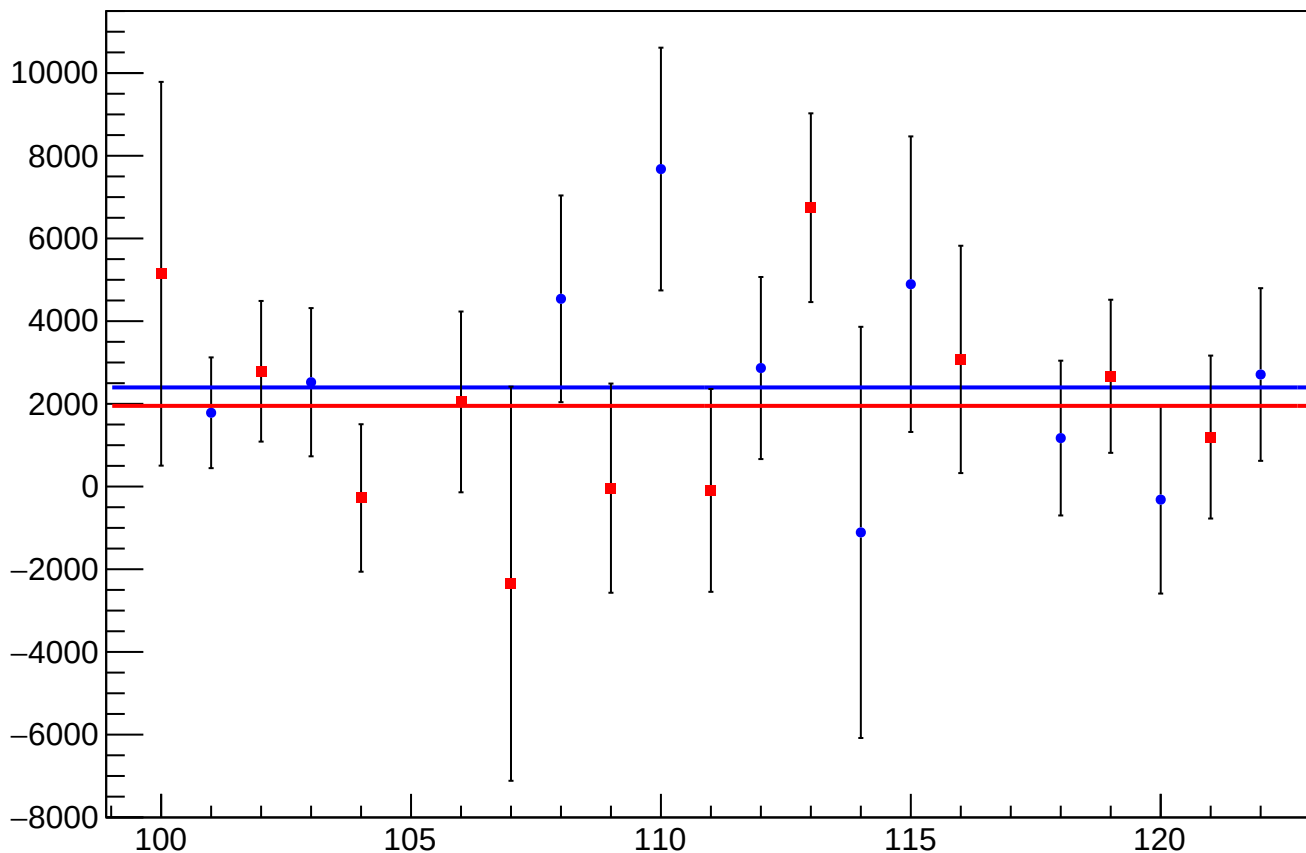
Right: 379.991+/-0.092 χ^2/NDF : 100132.9/20

In: 379.296+/-0.132 χ^2/NDF : 692.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.991+/-0.092 χ^2/NDF : 100132.9/20

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: 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

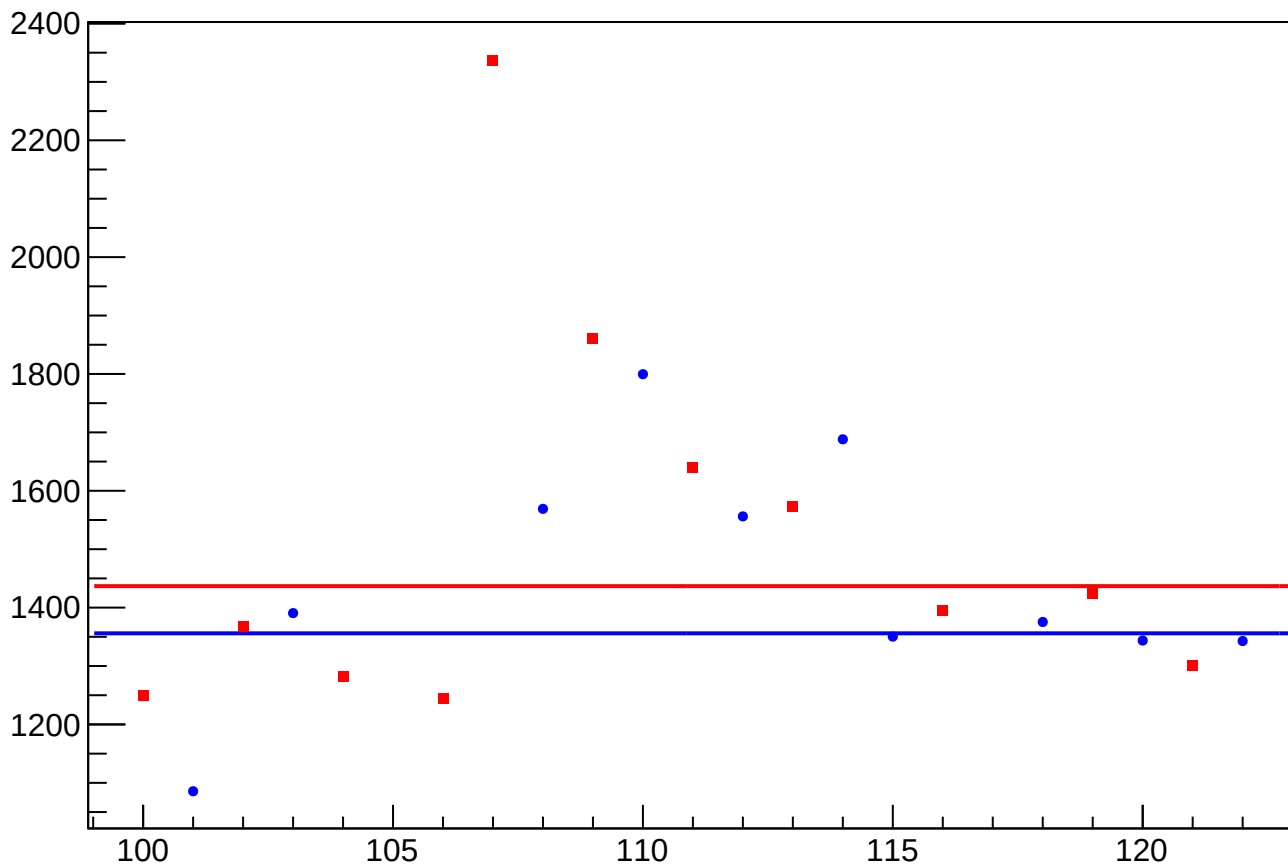
Right: 2175.335+/-480.345 χ^2/NDF : 16.6/20

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_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: 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

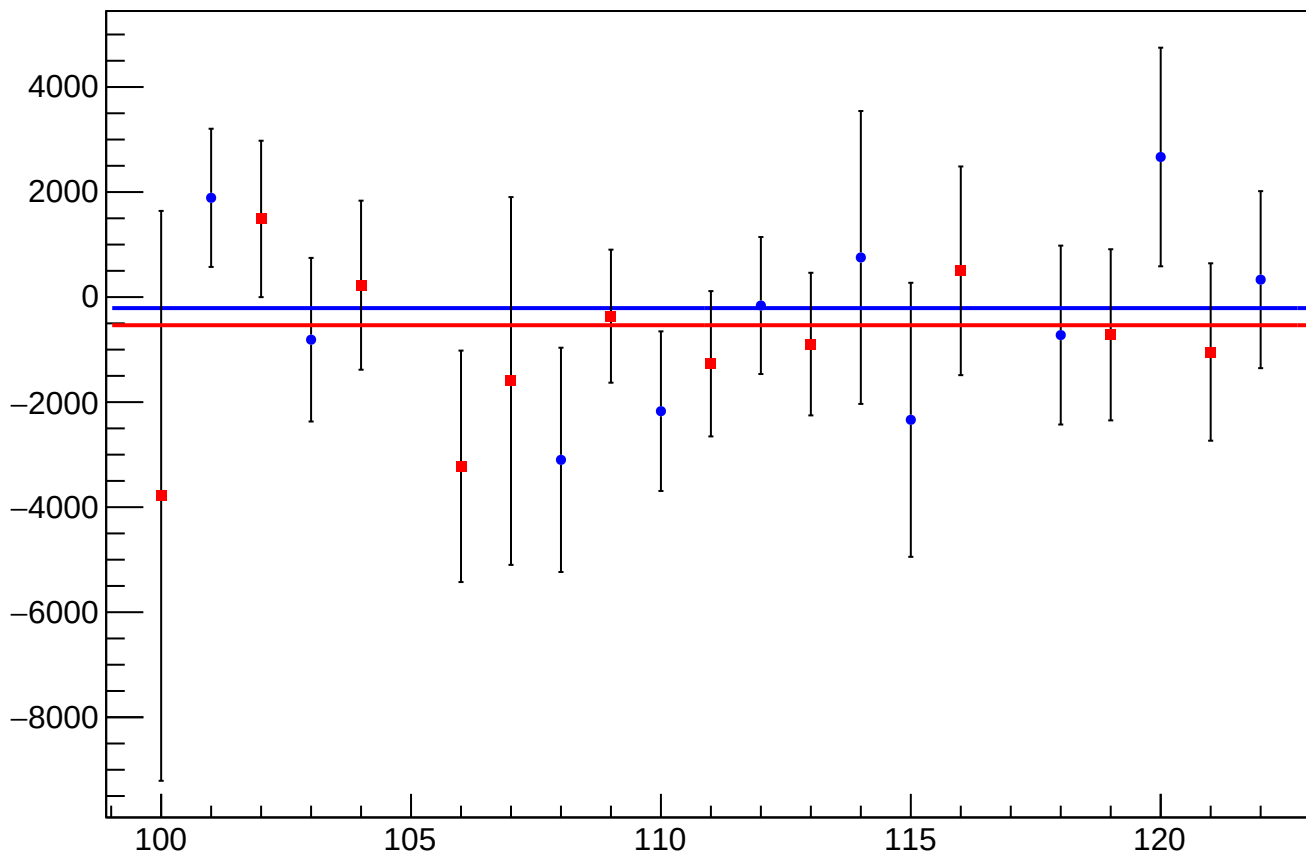
Right: 1396.168+/-0.340 χ^2/NDF : 377833.9/20

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_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: -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

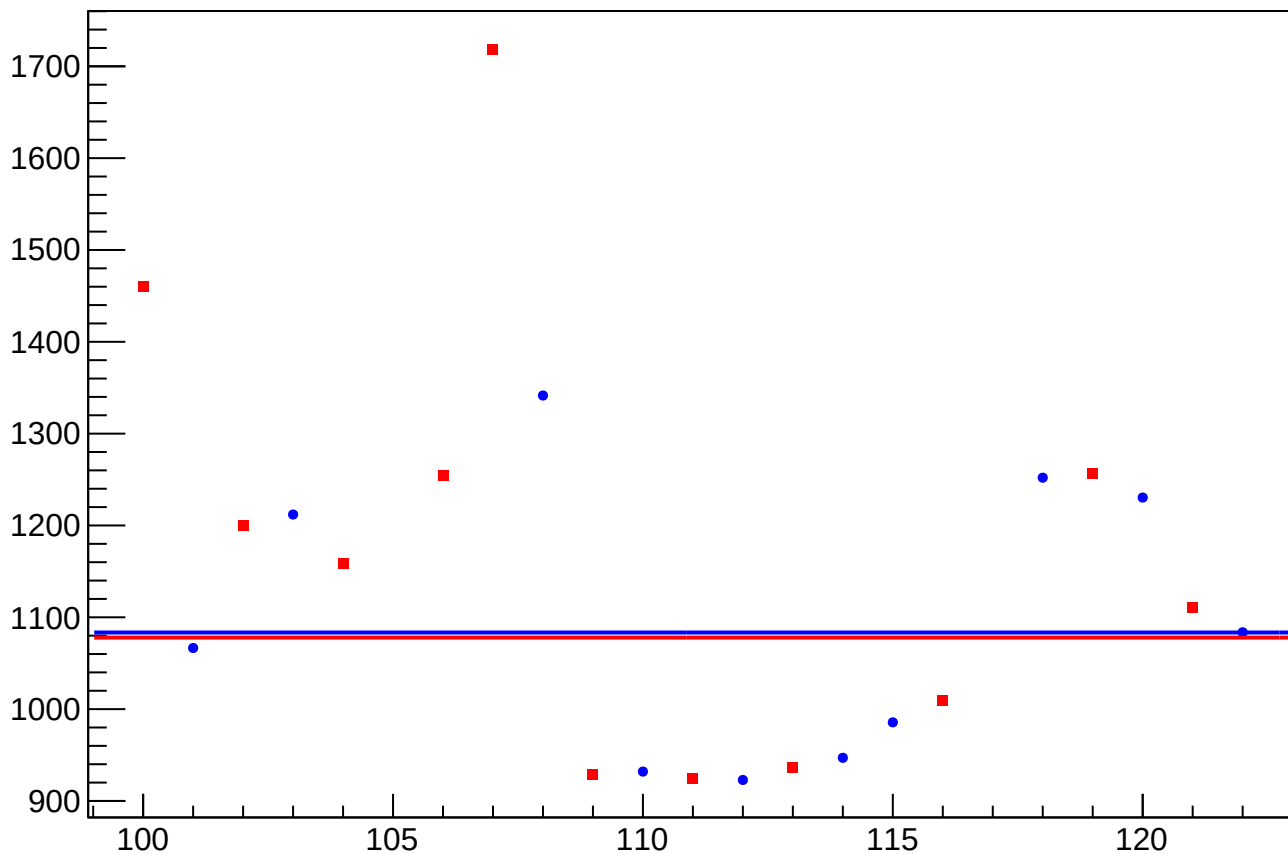
Right: -381.457+/-371.123 χ^2/NDF : 14.0/20

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_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: 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

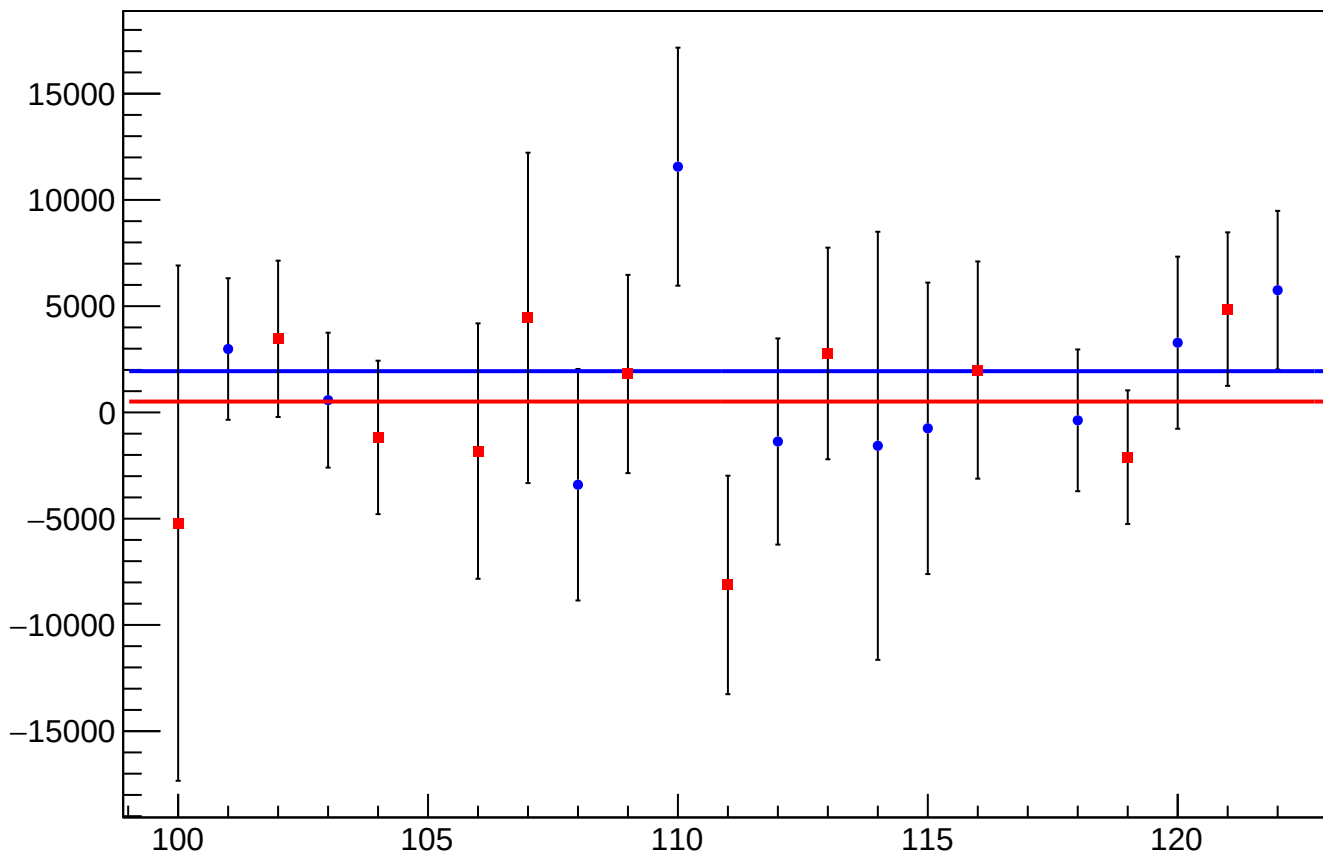
Right: 1080.533+/-0.262 χ^2/NDF : 339589.9/20

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

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: 511.624+/-1358.505 χ^2/NDF : 6.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

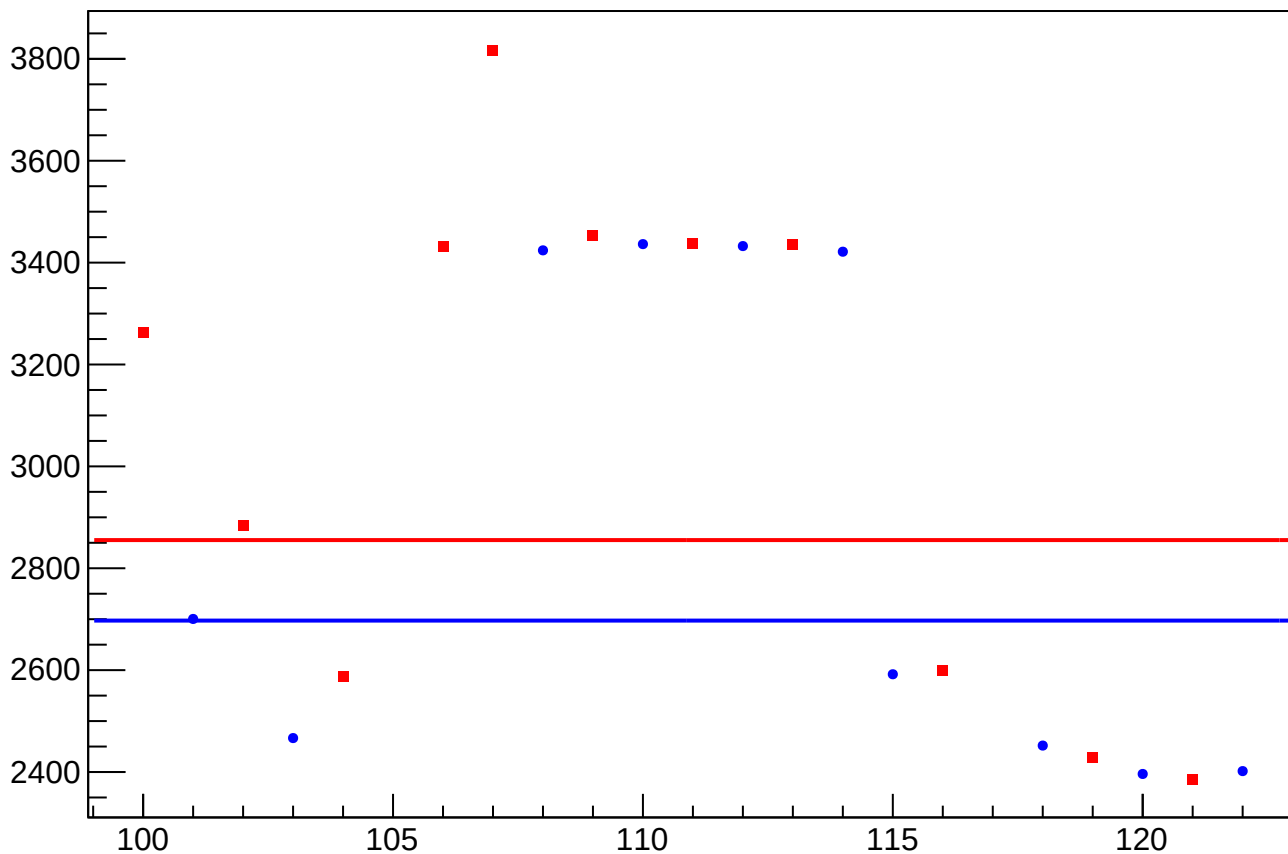
Right: 1232.554+/-956.500 χ^2/NDF : 13.9/20

In: 1941.280+/-1346.959 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1232.554+/-956.500 χ^2/NDF : 13.9/20

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: 2855.311+/-0.961 χ^2/NDF : 223746.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

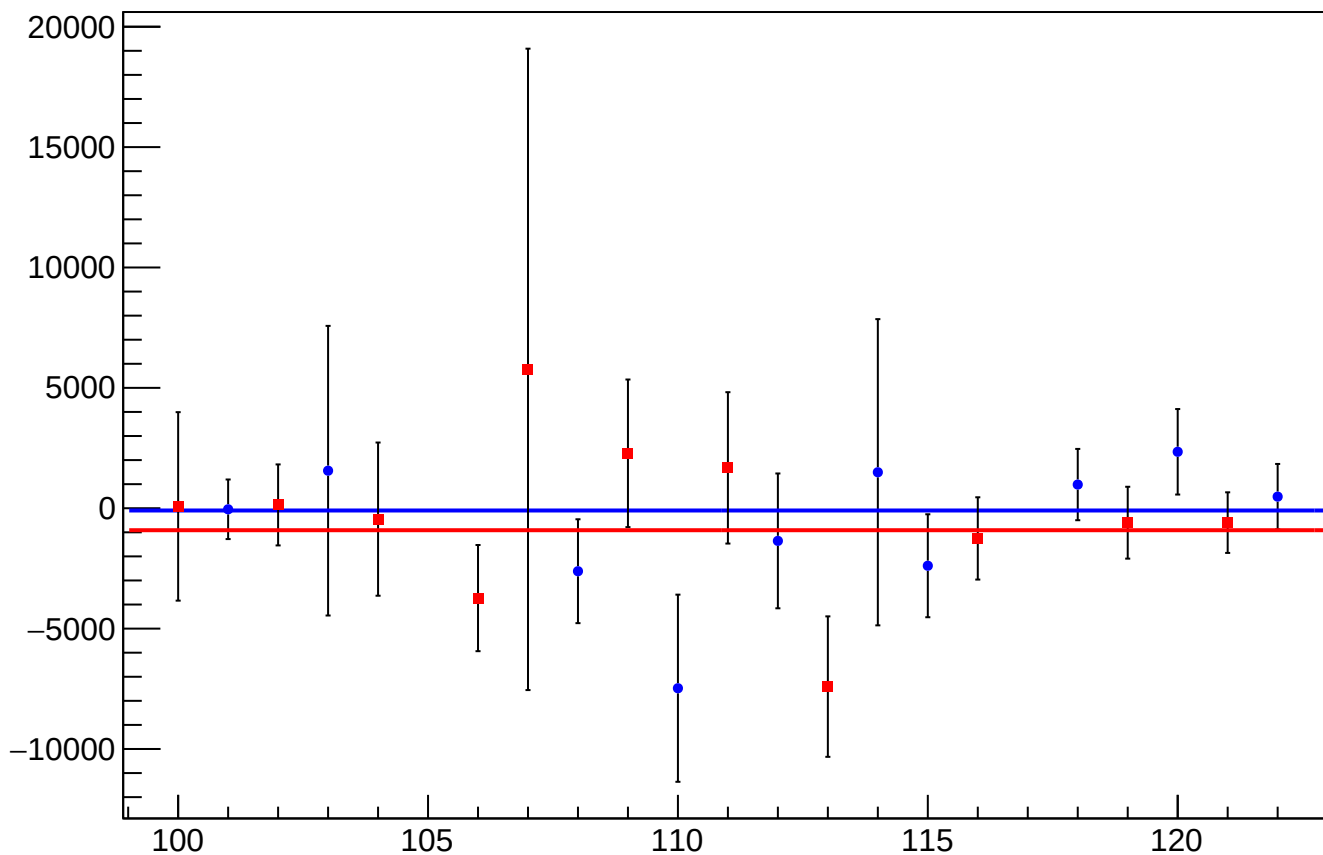
Right: 2775.620+/-0.676 χ^2/NDF : 409545.1/20

In: 2697.279+/-0.952 χ^2/NDF : 172150.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2775.620+/-0.676 χ^2/NDF : 409545.1/20

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: -912.856+/-635.500 χ^2/NDF : 9.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

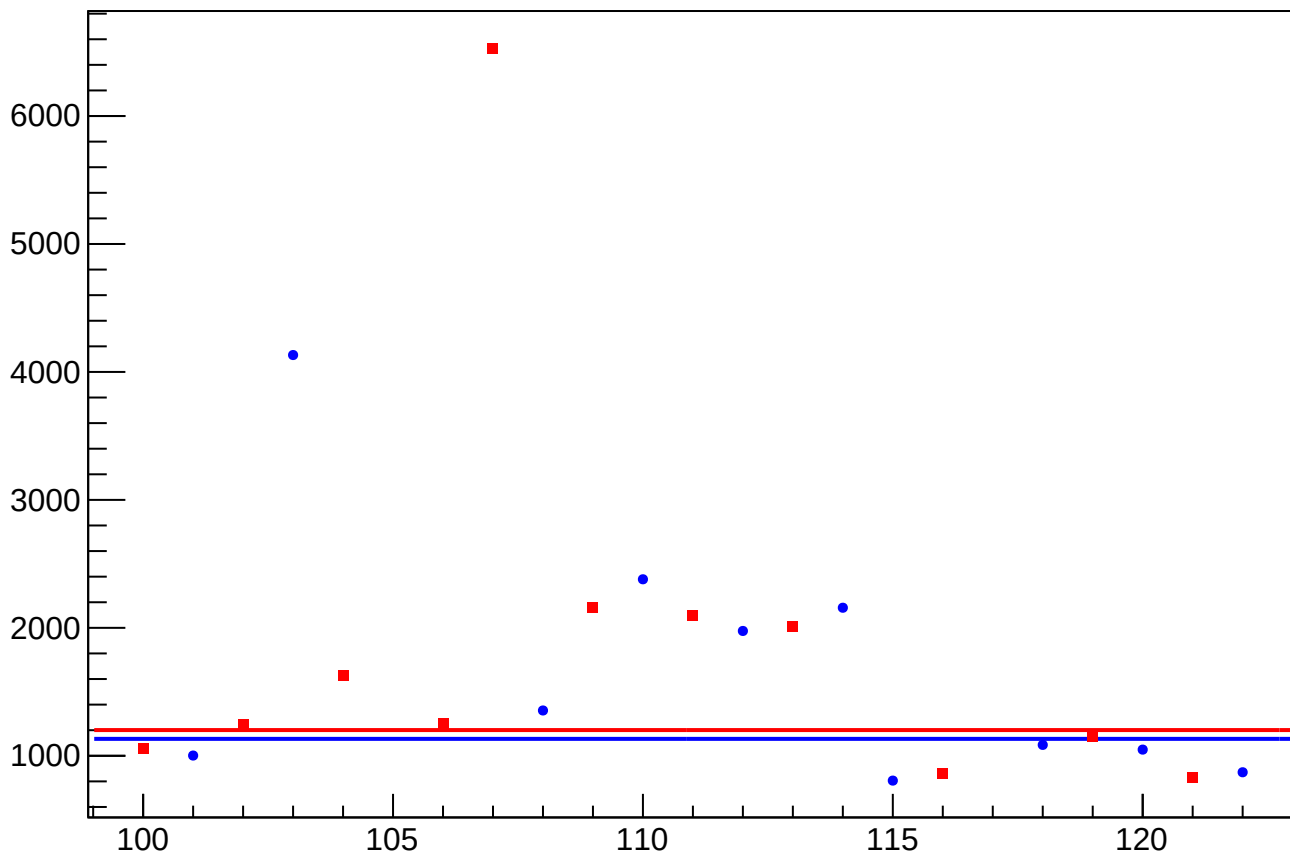
Right: -489.499+/-441.775 χ^2/NDF : 19.2/20

In: -93.588+/-614.555 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -489.499+/-441.775 χ^2/NDF : 19.2/20

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: 1201.077+/-0.449 χ^2/NDF : 1129862.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

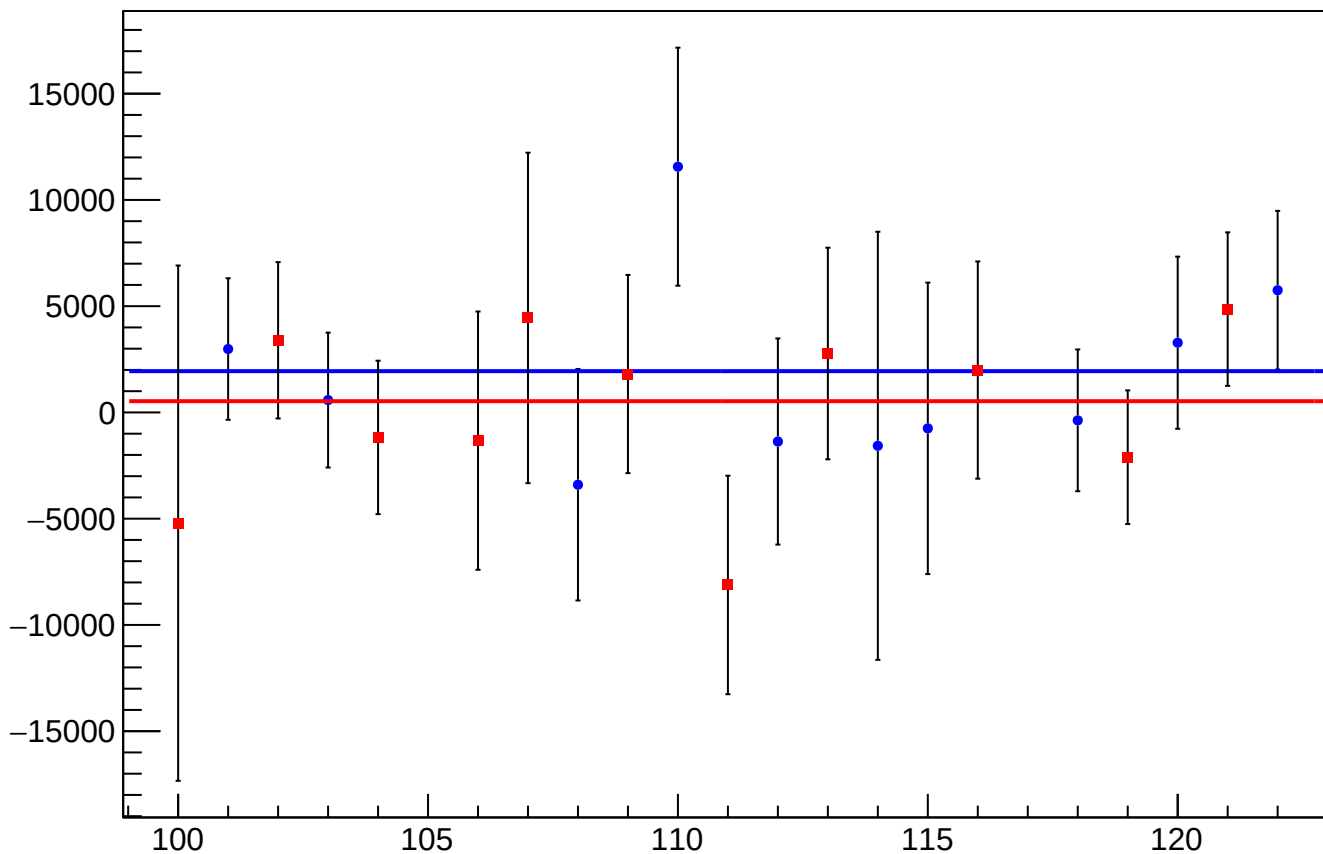
Right: 1165.545+/-0.312 χ^2/NDF : 2248907.9/20

In: 1132.317+/-0.435 χ^2/NDF : 1106946.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.545+/-0.312 χ^2/NDF : 2248907.9/20

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: 529.135+/-1359.294 χ^2/NDF : 6.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

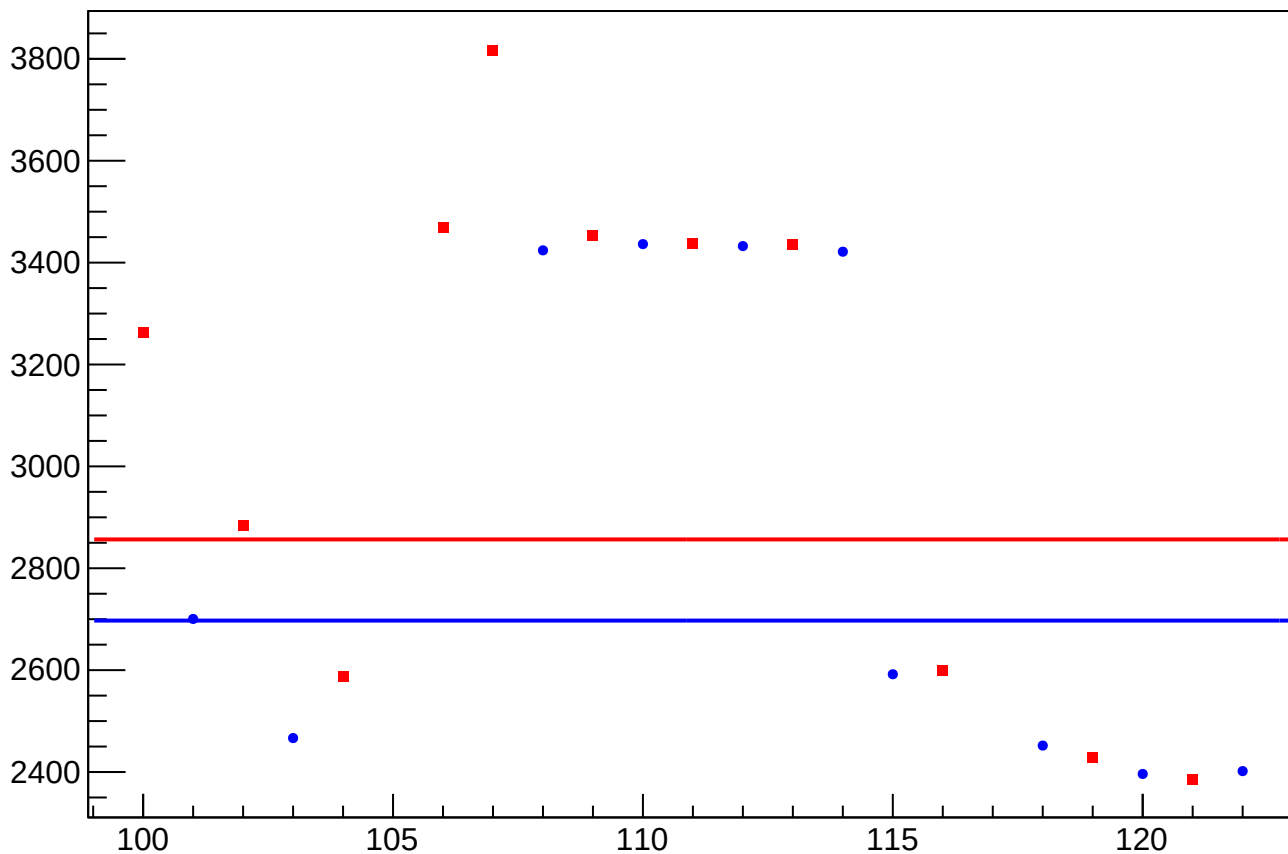
Right: 1242.005+/-956.775 χ^2/NDF : 13.8/20

In: 1941.996+/-1346.959 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1242.005+/-956.775 χ^2/NDF : 13.8/20

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: 2856.613+/-0.961 χ^2/NDF : 225791.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

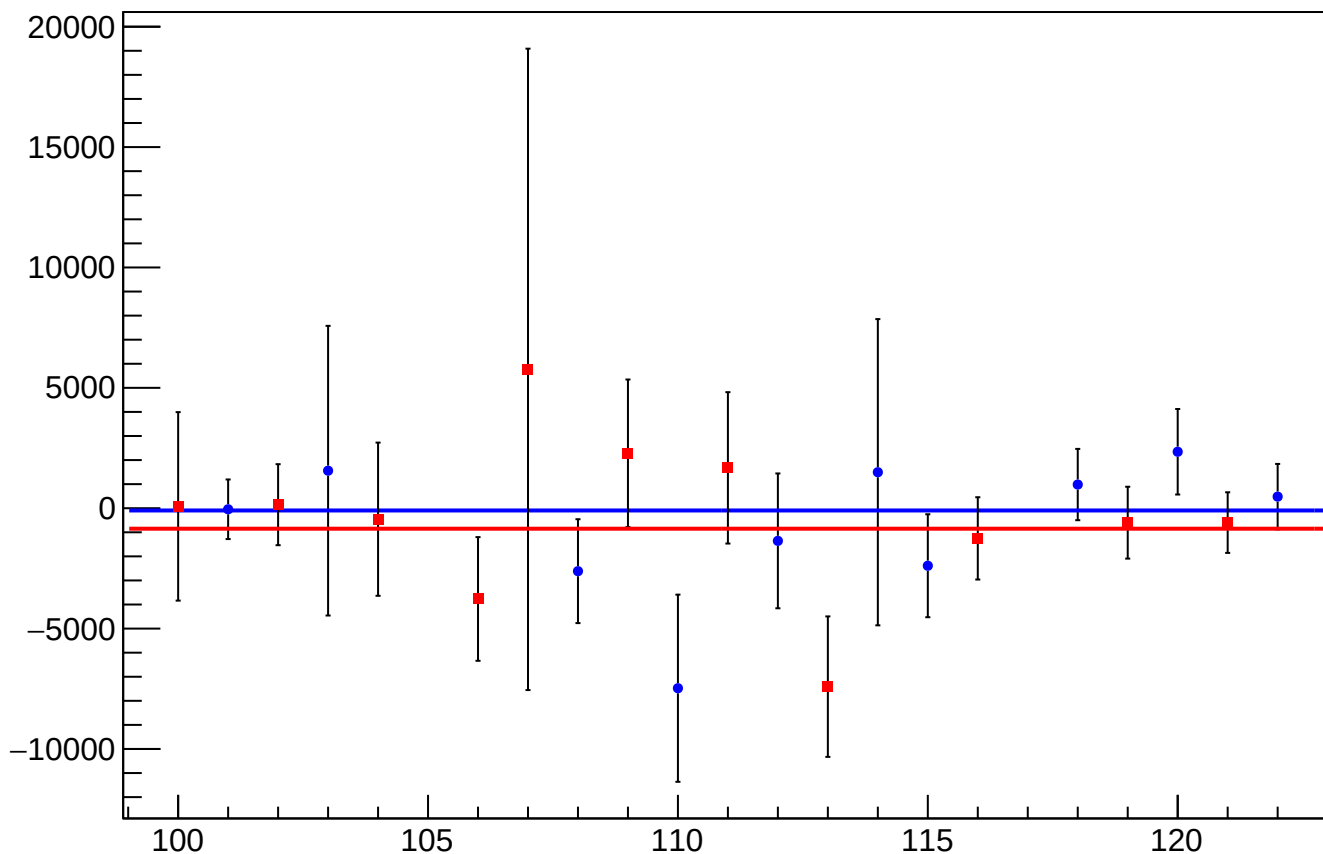
Right: 2776.219+/-0.677 χ^2/NDF : 411807.3/20

In: 2697.279+/-0.952 χ^2/NDF : 172150.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2776.219+/-0.677 χ^2/NDF : 411807.3/20

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: -850.996+/-642.555 χ^2/NDF : 8.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

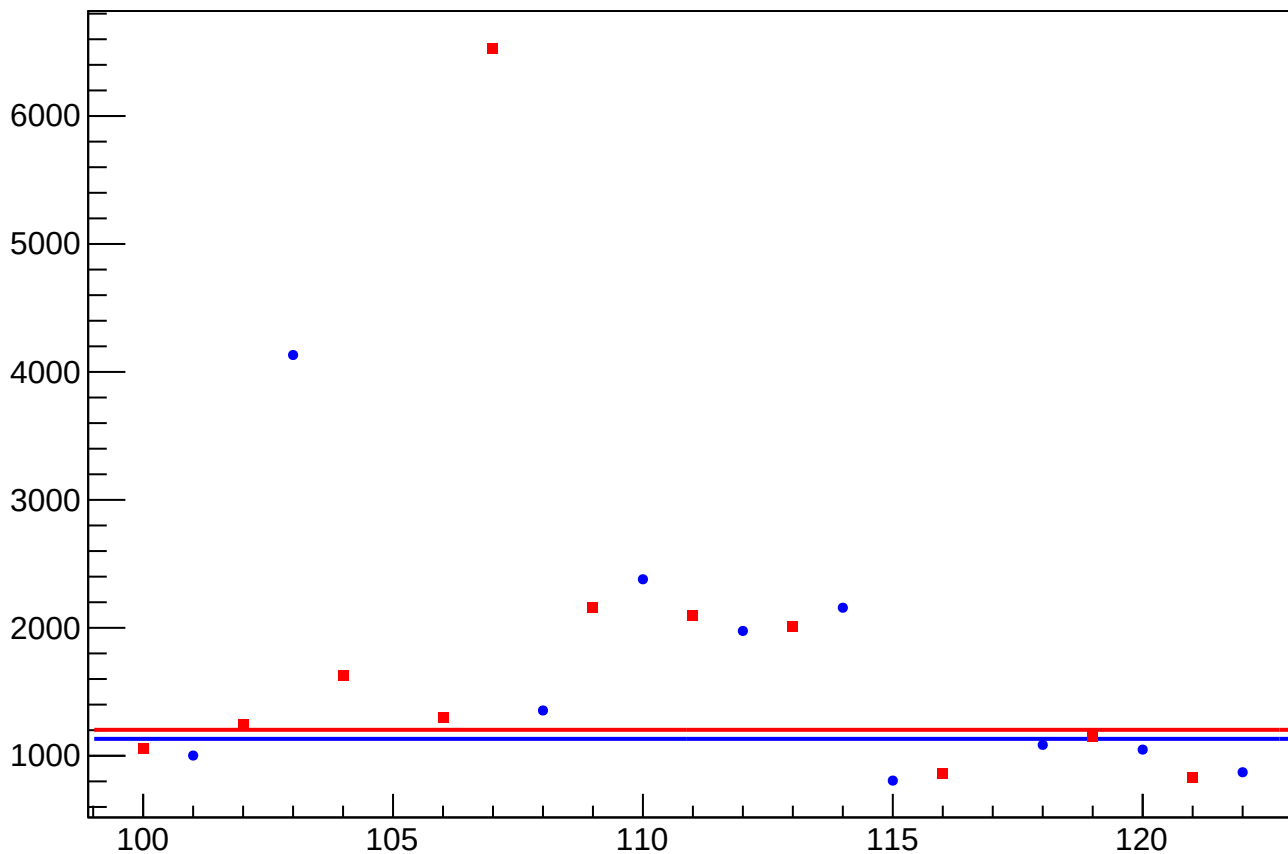
Right: -455.448+/-444.125 χ^2/NDF : 18.6/20

In: -93.623+/-614.554 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -455.448+/-444.125 χ^2/NDF : 18.6/20

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: 1203.013+/-0.454 χ^2/NDF : 1131867.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

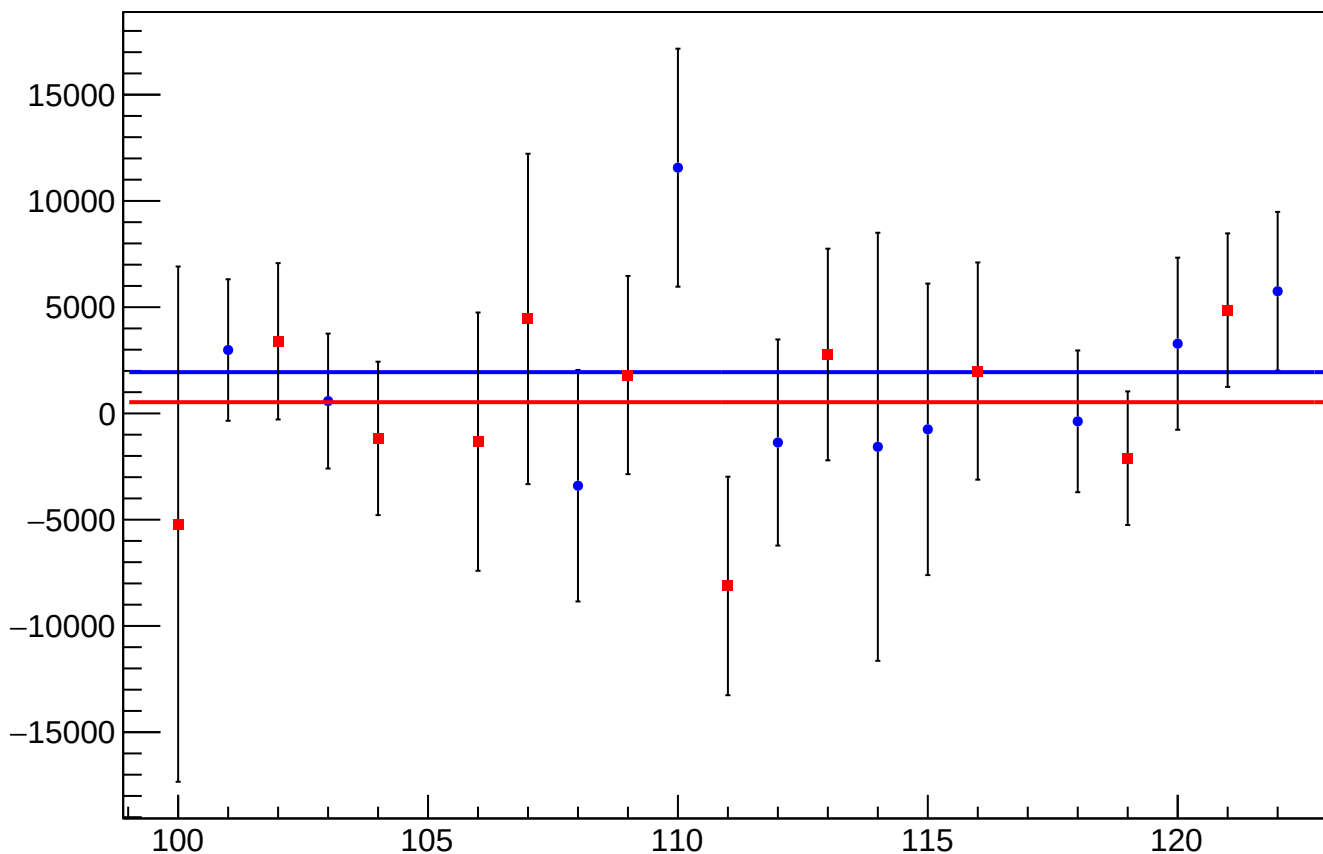
Right: 1166.090+/-0.314 χ^2/NDF : 2251446.2/20

In: 1132.315+/-0.435 χ^2/NDF : 1106933.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1166.090+/-0.314 χ^2/NDF : 2251446.2/20

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1941.996 $\pm$ 1346.959 χ^2 /NDF: 6.6/9

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

Right Out: 529.135 $\pm$ 1359.294 χ^2 /NDF: 6.7/10

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

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

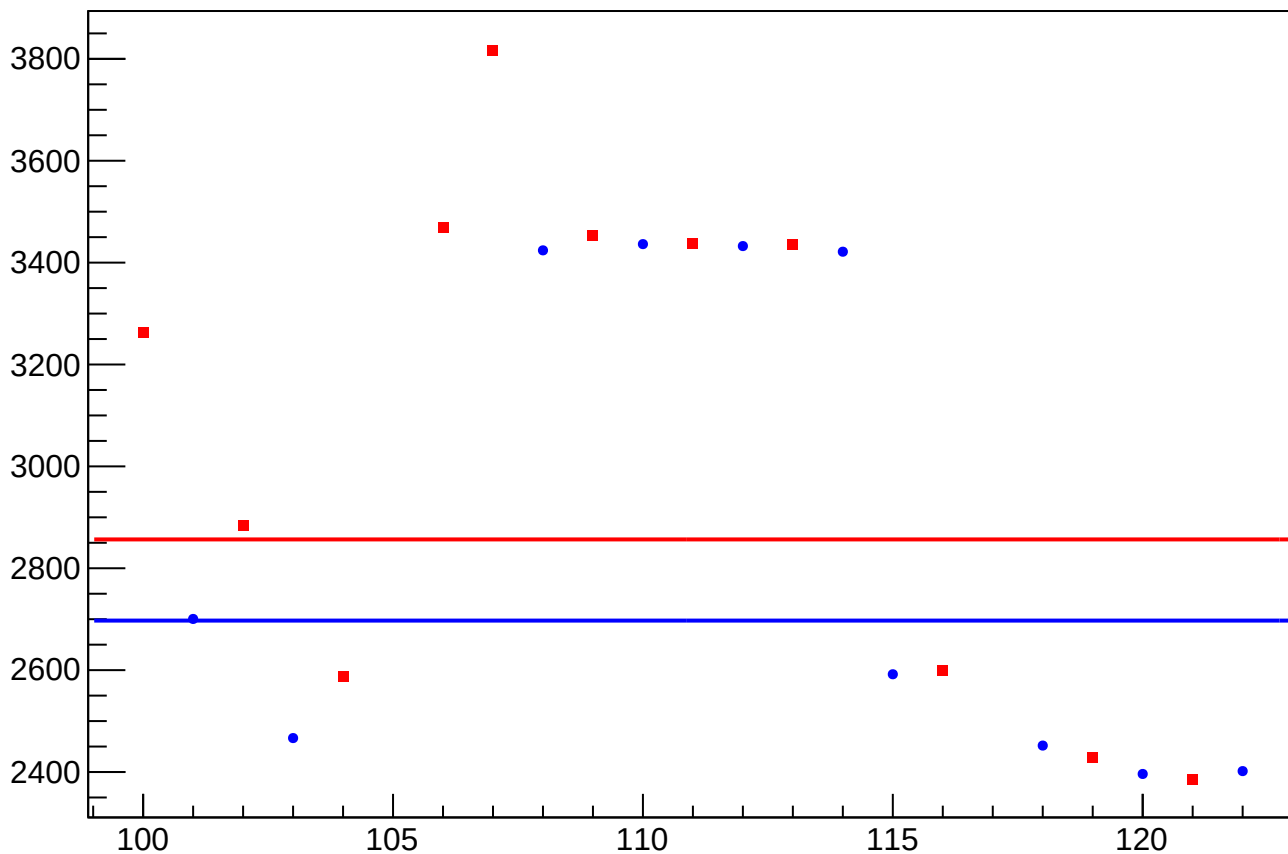
Right: 1242.005 $\pm$ 956.775 χ^2 /NDF: 13.8/20

In: 1941.996 $\pm$ 1346.959 χ^2 /NDF:6.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1242.005 $\pm$ 956.775 χ^2 /NDF: 13.8/20

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: 2856.613+/-0.961 χ^2/NDF : 225791.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

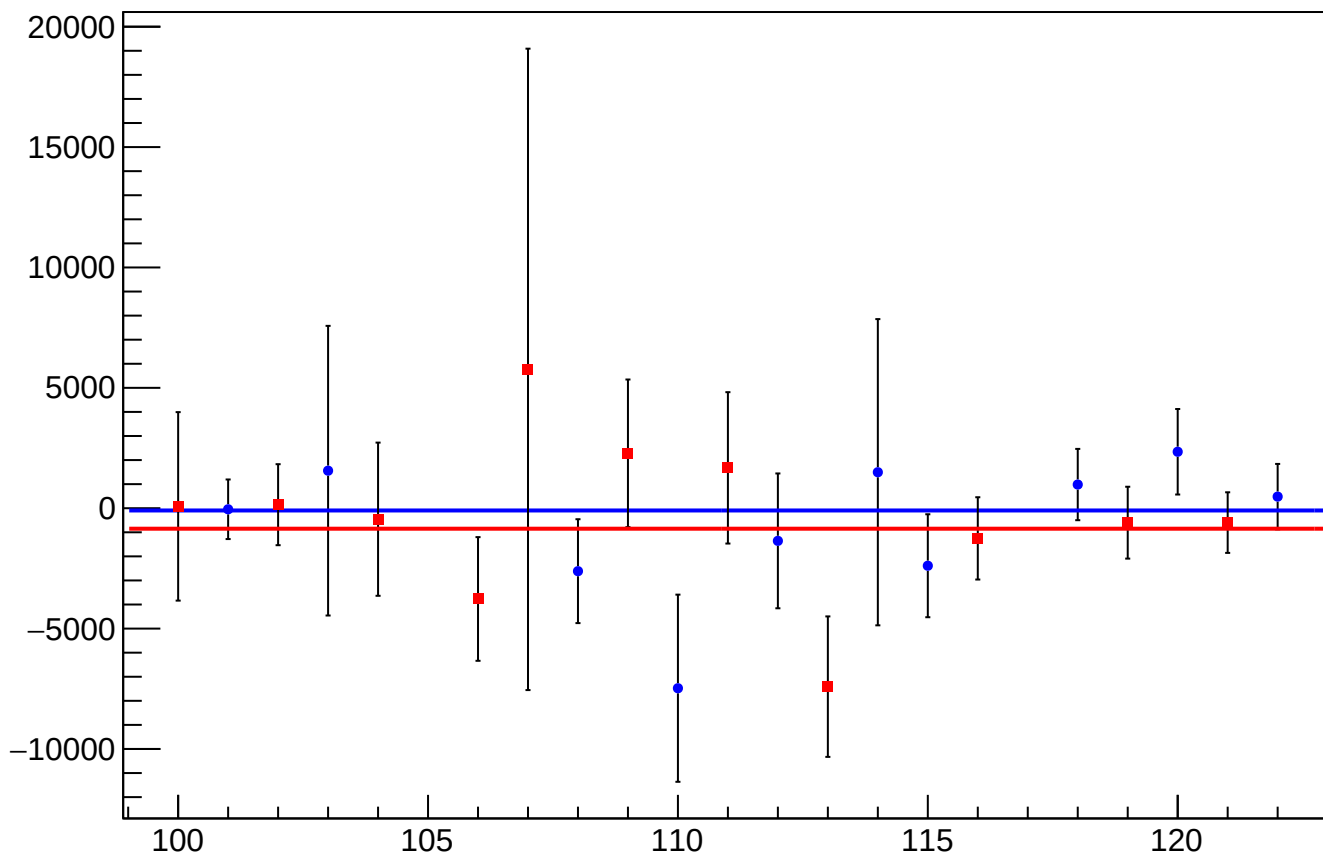
Right: 2776.219+/-0.677 χ^2/NDF : 411807.3/20

In: 2697.279+/-0.952 χ^2/NDF : 172150.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2776.219+/-0.677 χ^2/NDF : 411807.3/20

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: -850.996+/-642.555 χ^2/NDF : 8.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

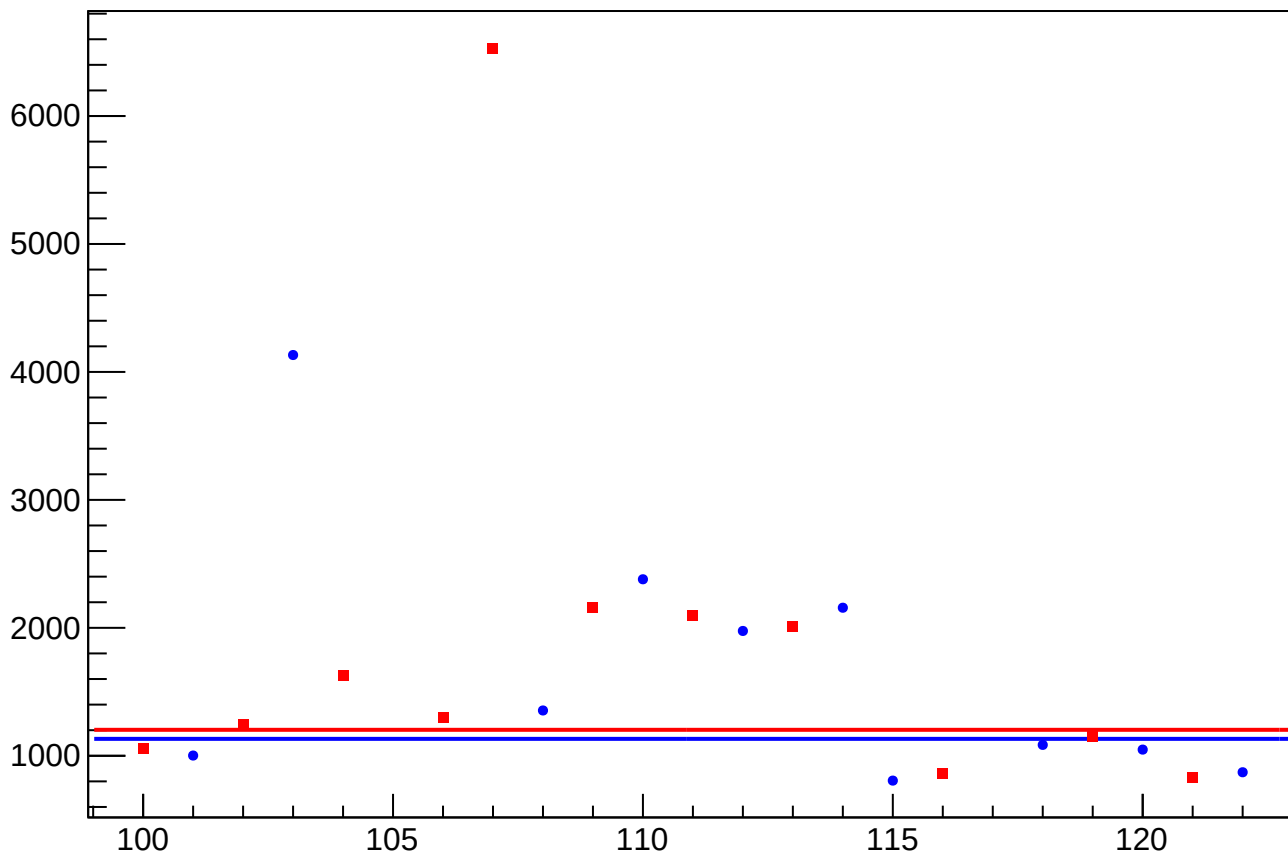
Right: -455.448+/-444.125 χ^2/NDF : 18.6/20

In: -93.623+/-614.554 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -455.448+/-444.125 χ^2/NDF : 18.6/20

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: 1203.013+/-0.454 χ^2/NDF : 1131867.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

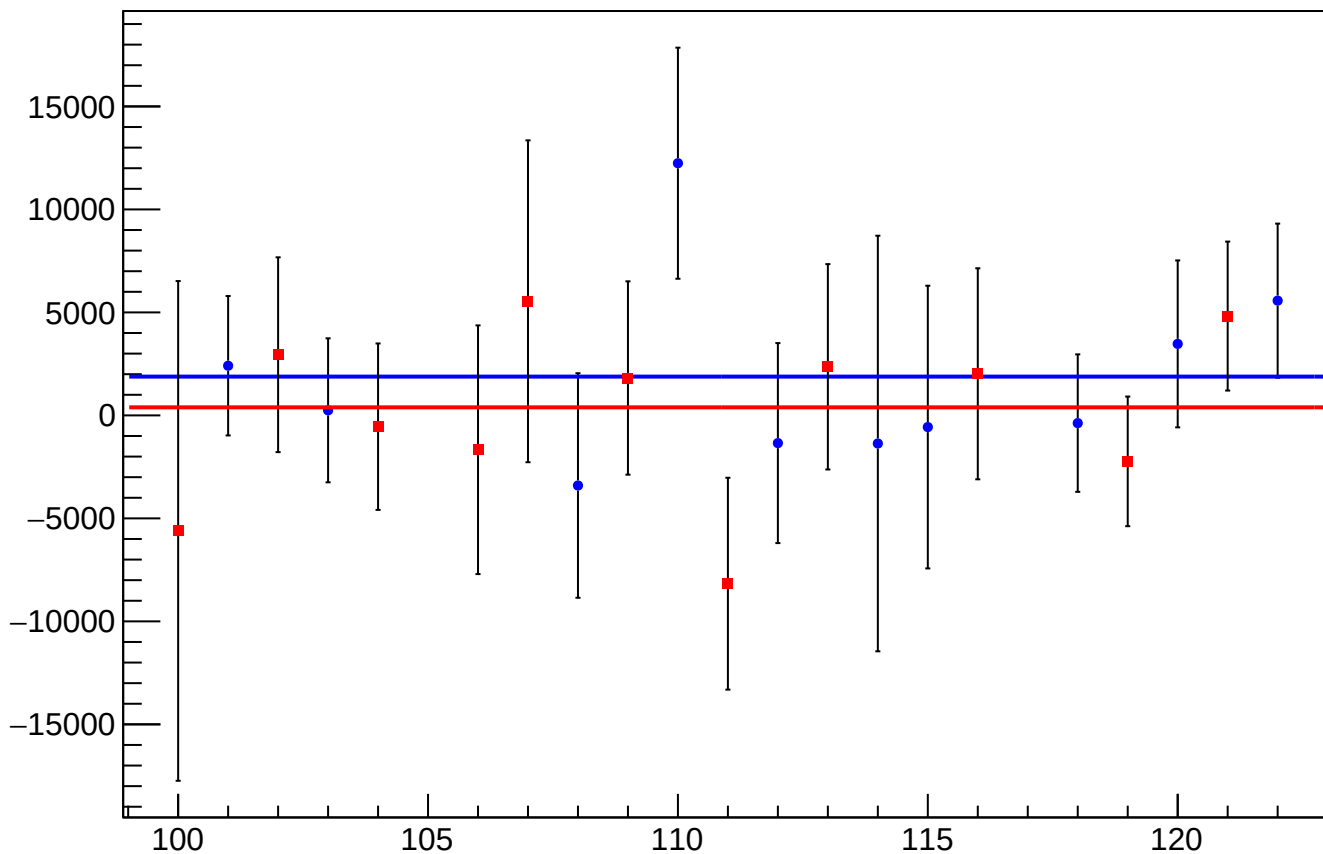
Right: 1166.090+/-0.314 χ^2/NDF : 2251446.2/20

In: 1132.315+/-0.435 χ^2/NDF : 1106933.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1166.090+/-0.314 χ^2/NDF : 2251446.2/20

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

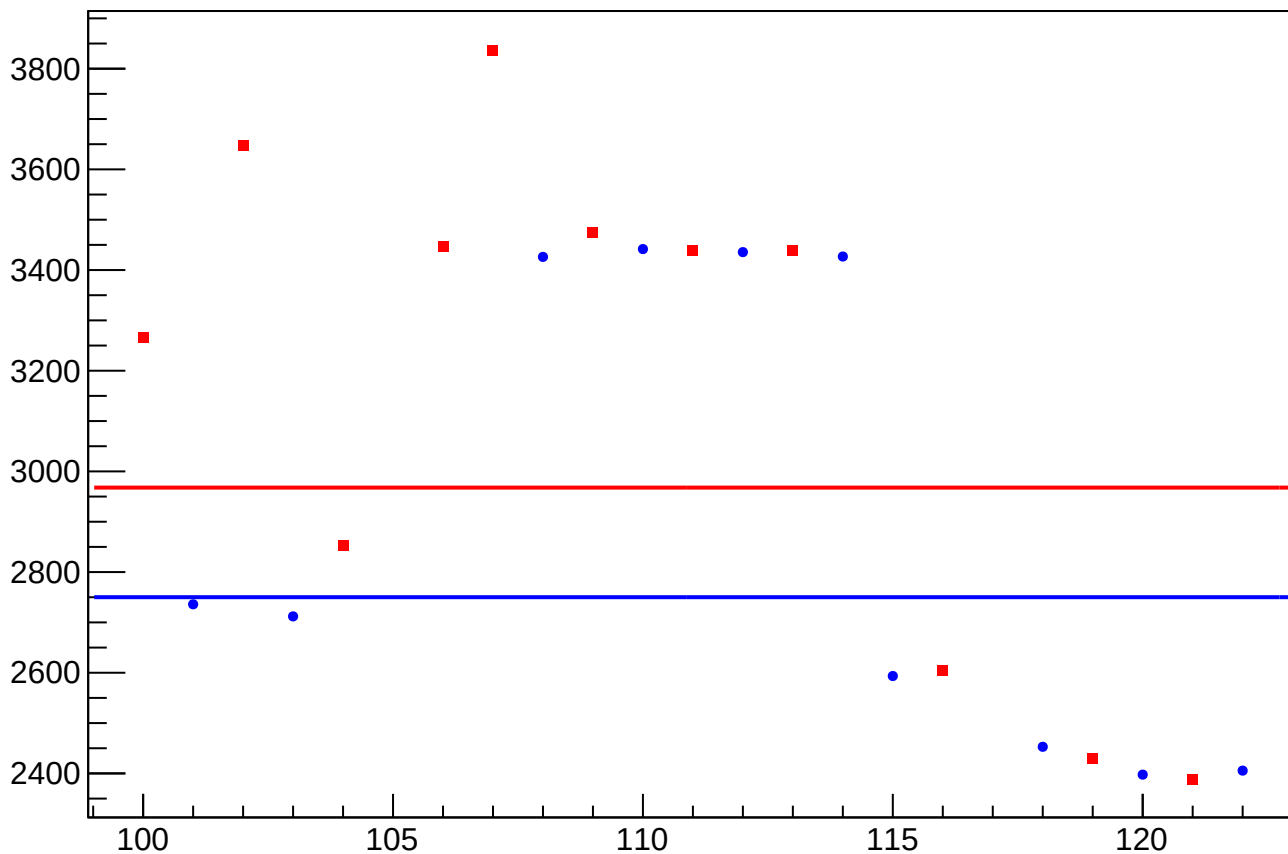
Right: 1162.326+/-987.317 χ^2/NDF : 13.9/20

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

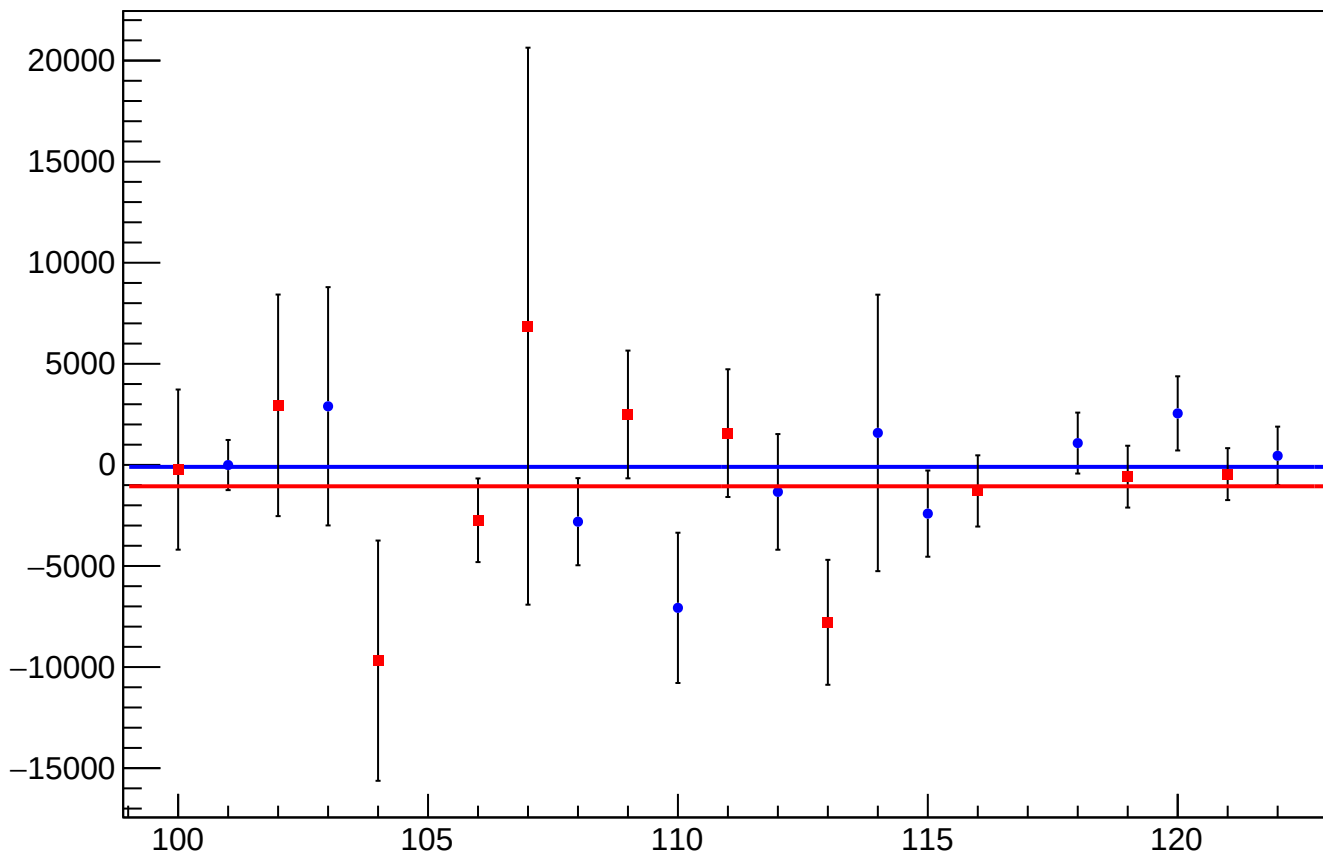
Right: 2855.284+/-0.698 χ^2/NDF : 443017.8/20

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+/-626.479 χ^2/NDF : 9.6/9

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

Right Out: -1058.228+/-702.715 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

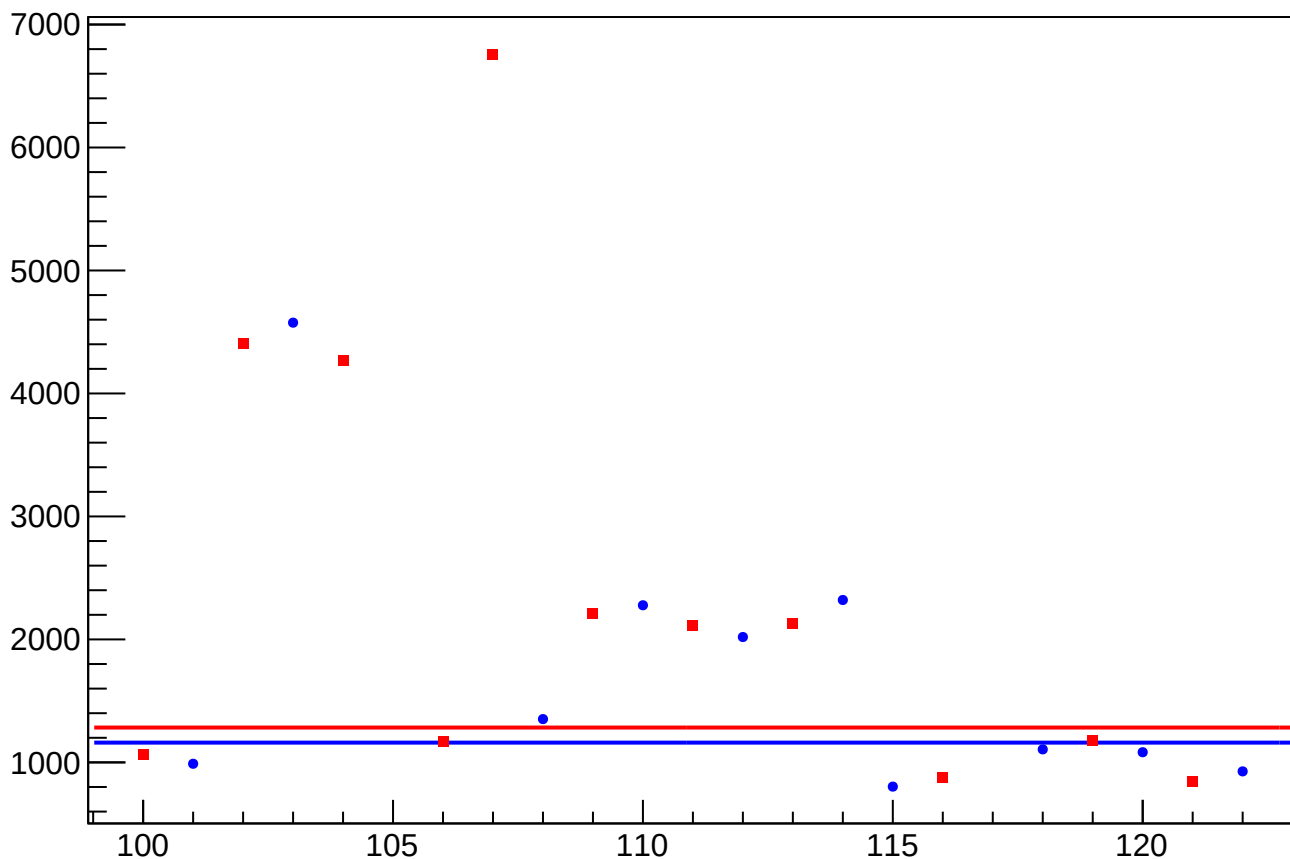
Right: -523.110+/-467.627 χ^2/NDF : 21.4/20

In: -97.802+/-626.479 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -523.110+/-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

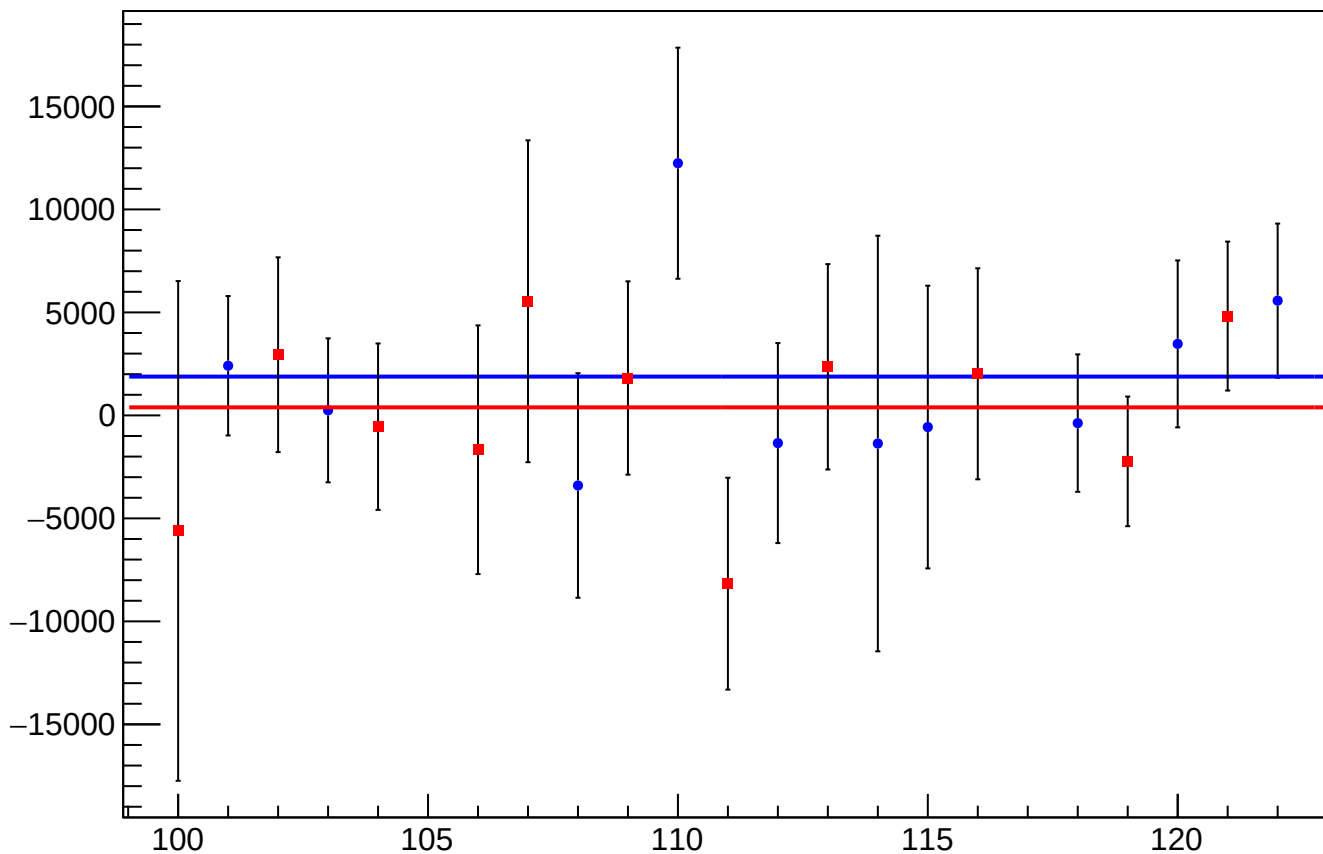
Right: 1215.039+/-0.331 χ^2/NDF : 3574953.9/20

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

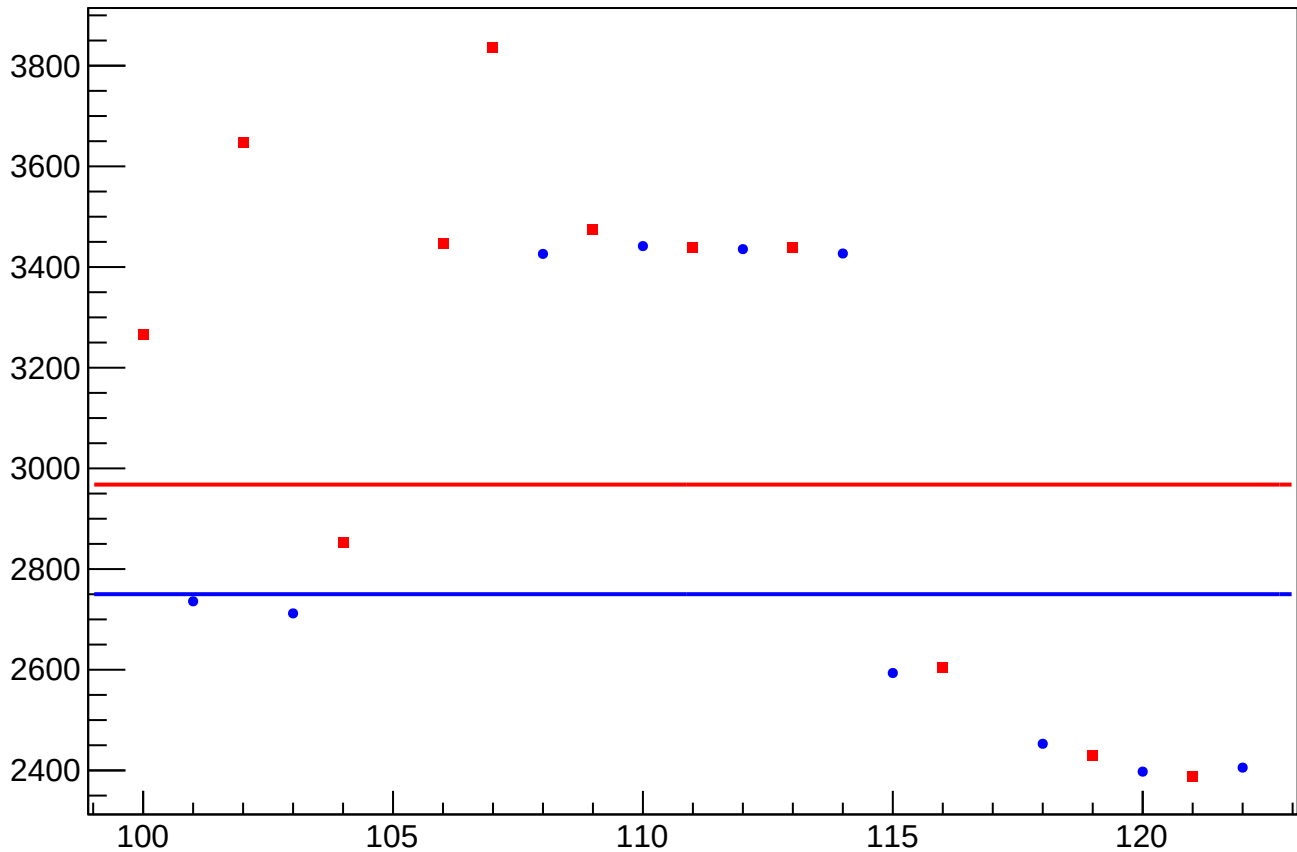
Right: 1162.322+/-987.317 χ^2/NDF : 13.9/20

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

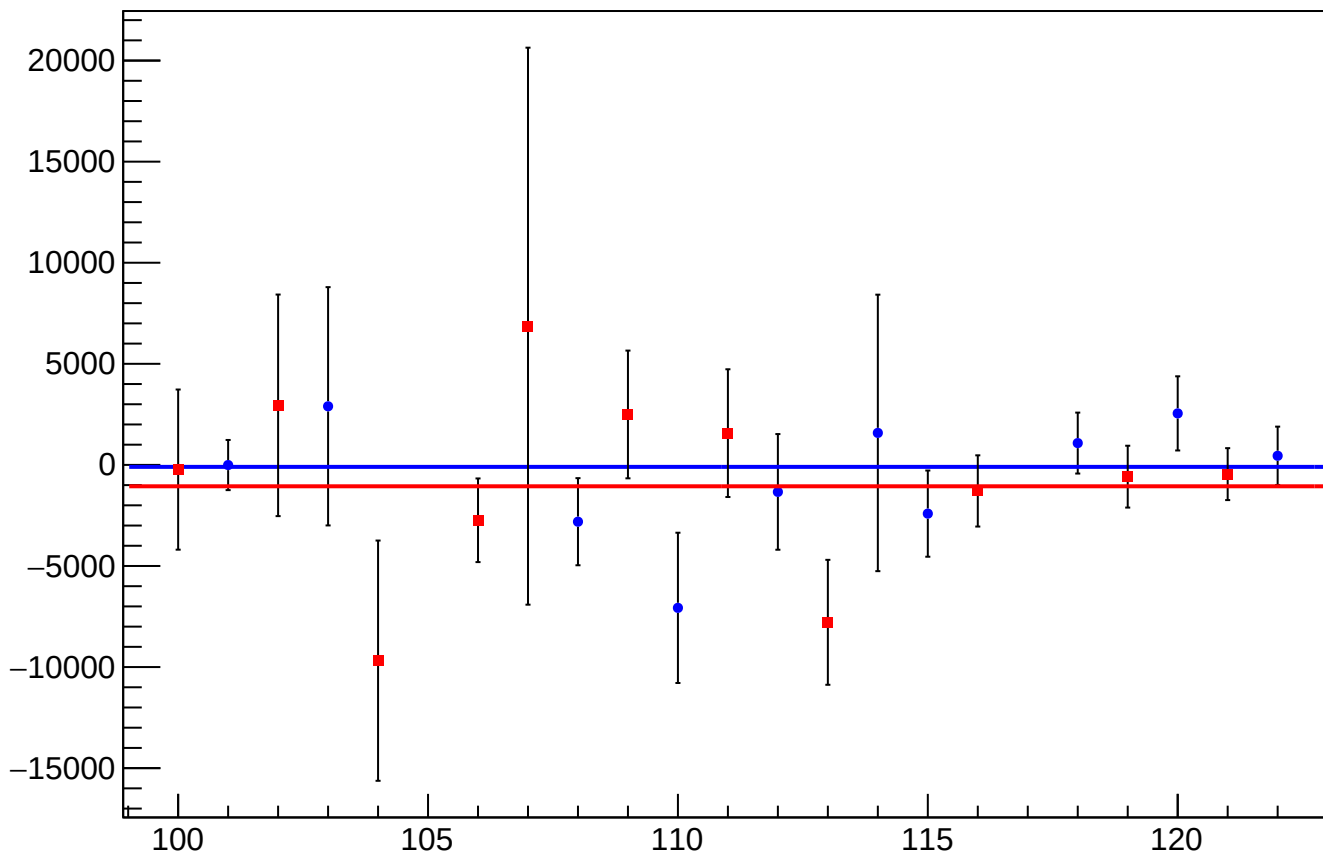
Right: 2855.284+/-0.698 χ^2/NDF : 443017.8/20

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

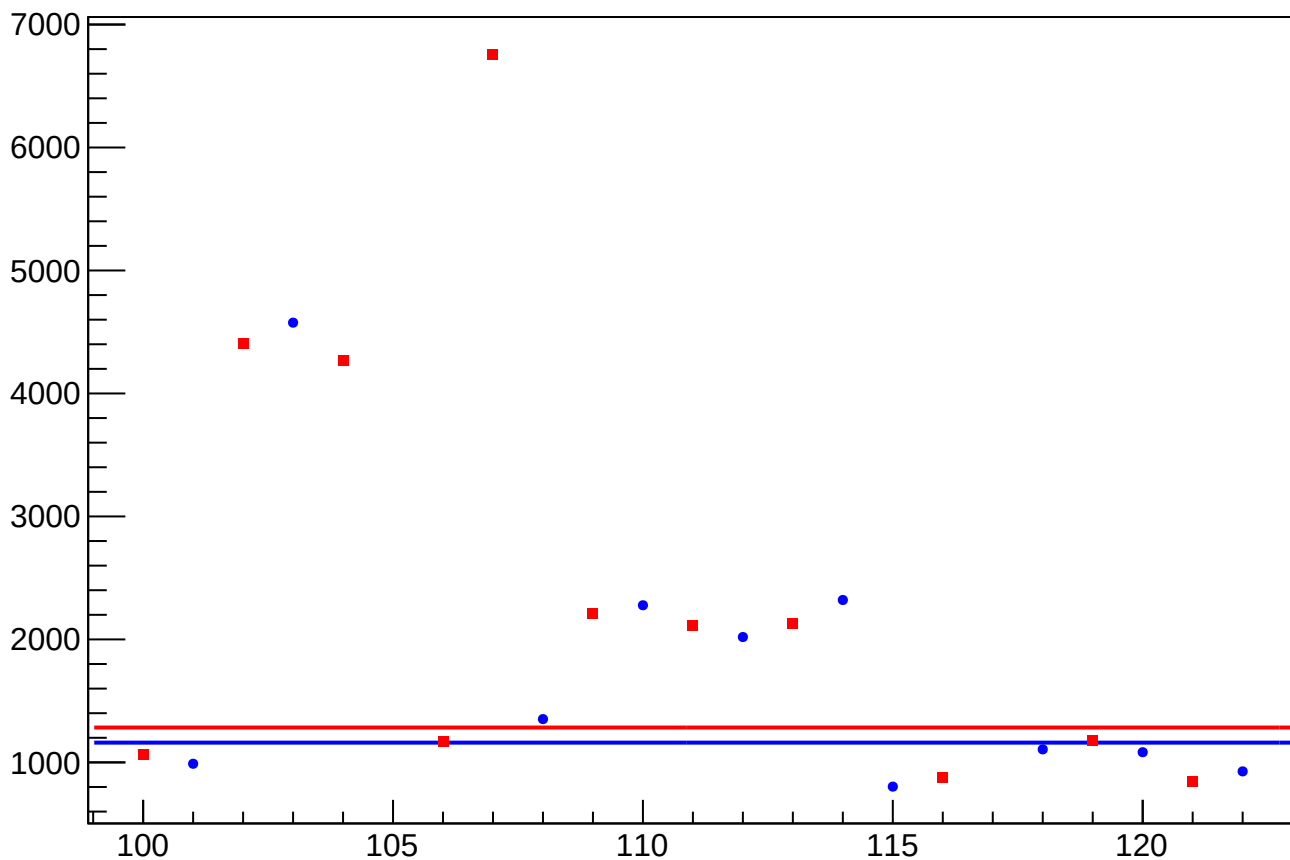
Right: -523.110+/-467.626 χ^2/NDF : 21.4/20

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

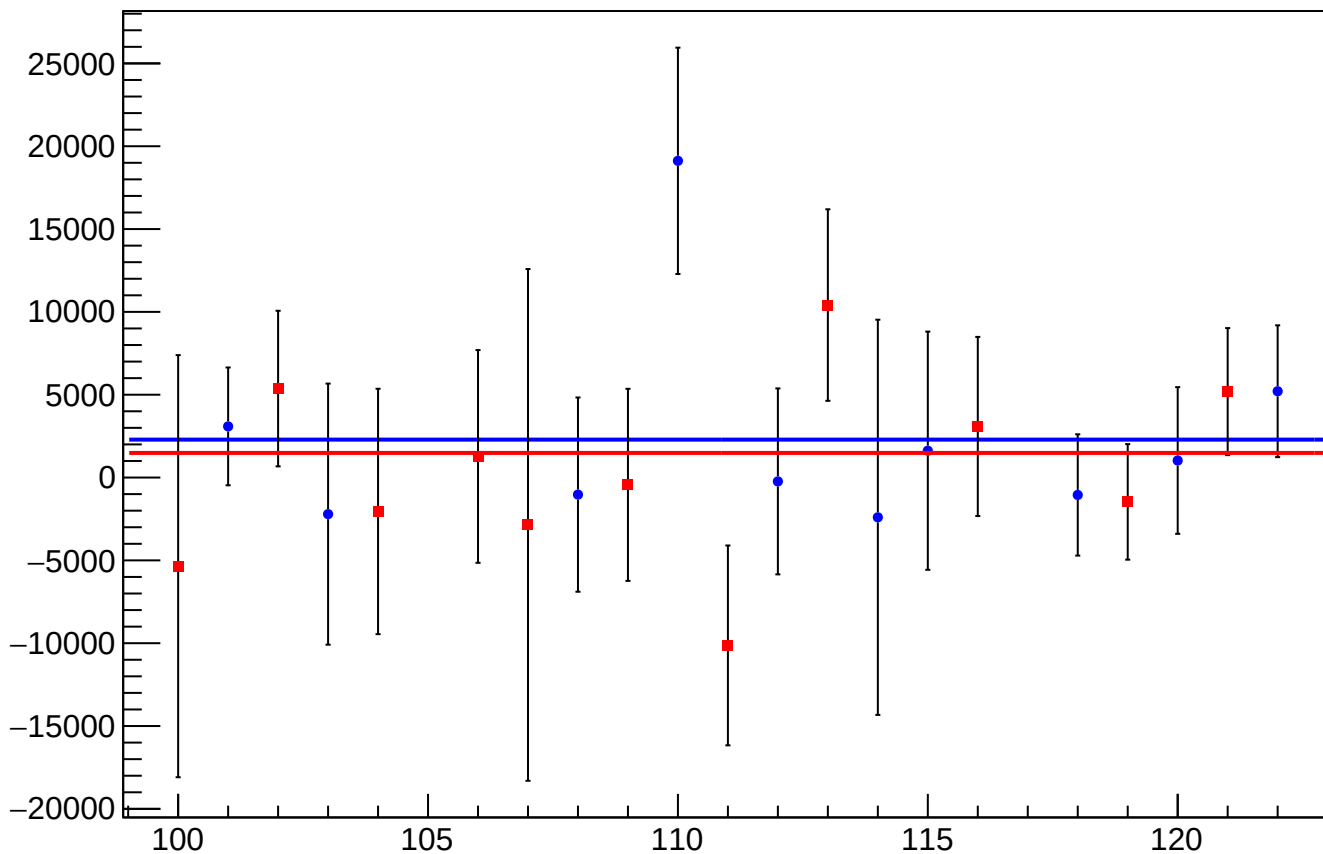
Right: 1215.037+/-0.331 χ^2/NDF : 3574960.8/20

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+/-1595.909 χ^2/NDF : 8.6/9

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

Right Out: 1486.720+/-1644.447 χ^2/NDF : 9.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

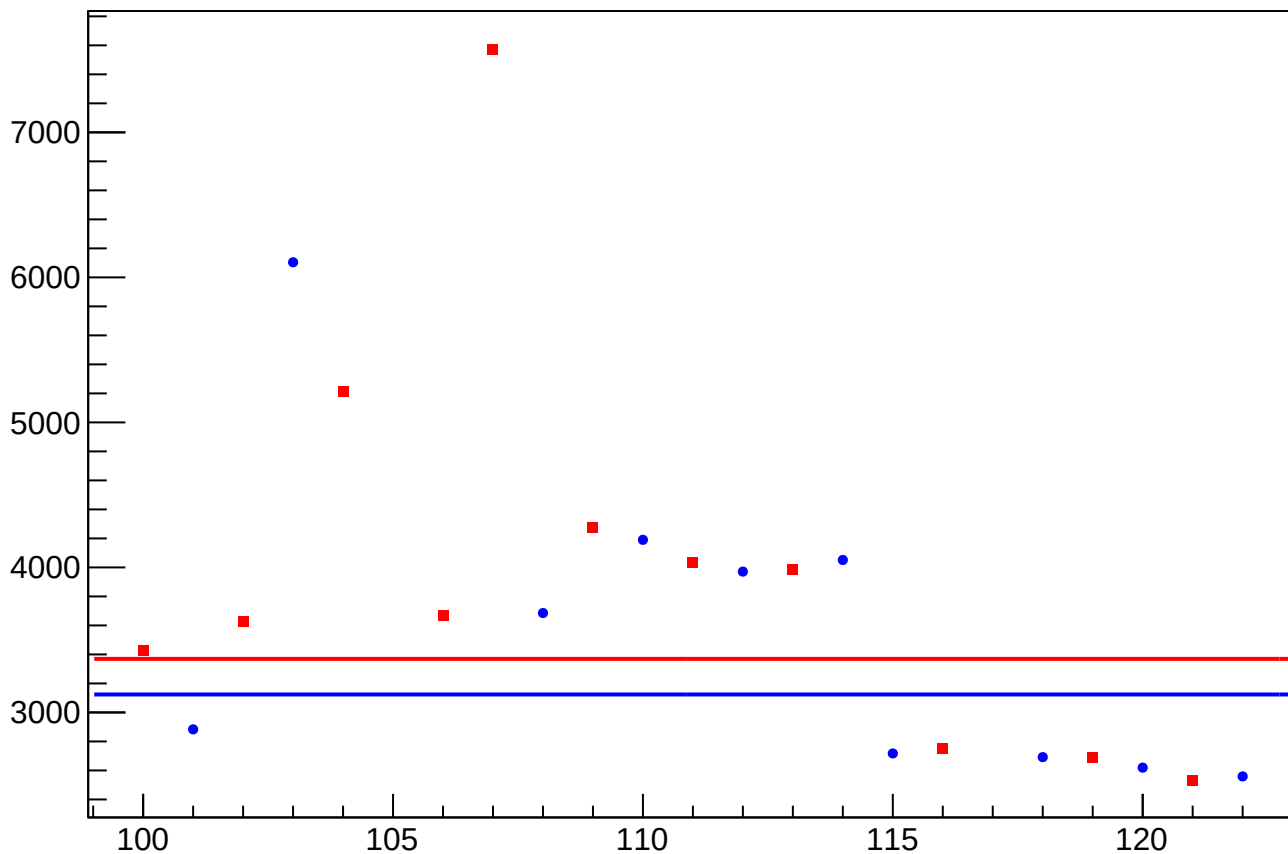
Right: 1900.130+/-1145.253 χ^2/NDF : 17.9/20

In: 2289.496+/-1595.909 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1900.130+/-1145.253 χ^2/NDF : 17.9/20

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: 3369.459+/-1.163 χ^2/NDF : 575047.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

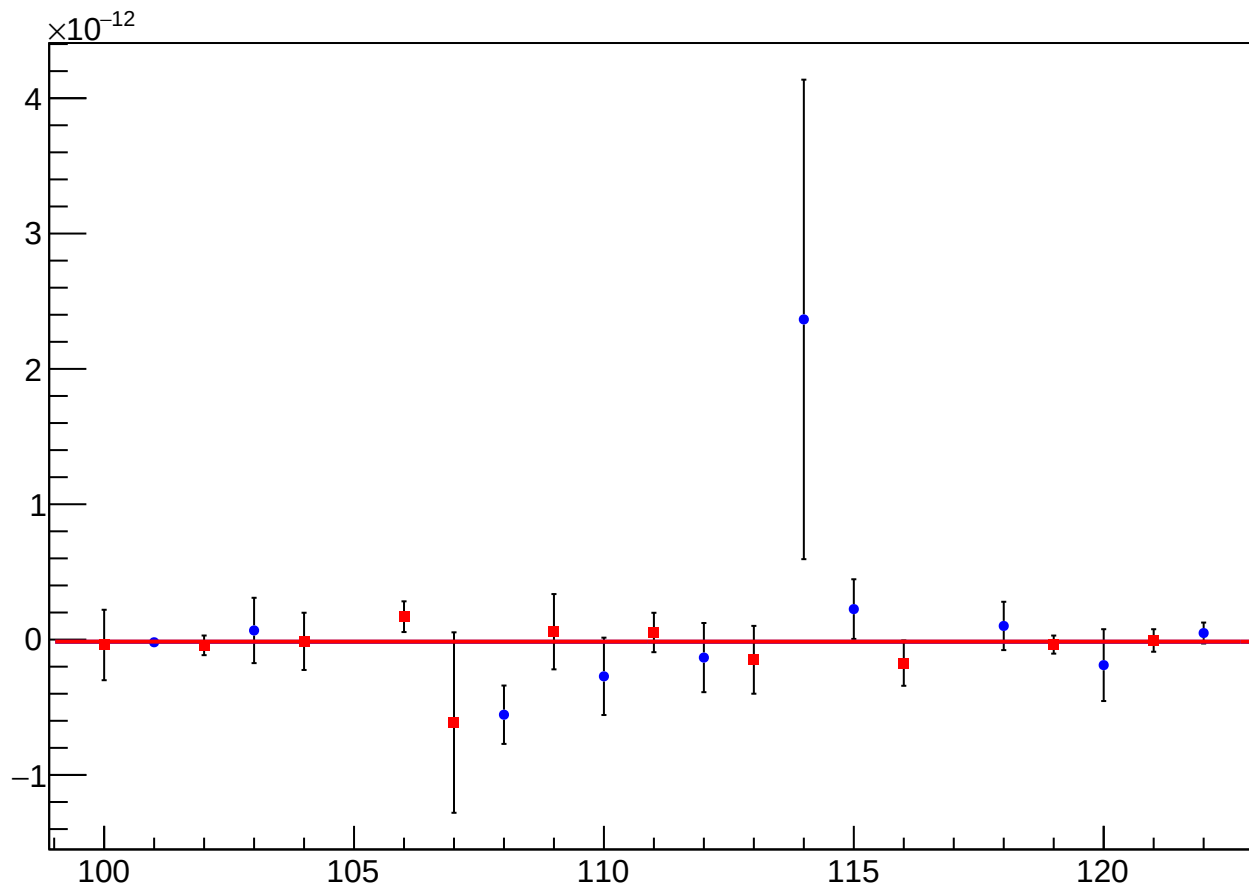
Right: 3243.016+/-0.810 χ^2/NDF : 1118497.9/20

In: 3123.928+/-1.128 χ^2/NDF : 520489.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3243.016+/-0.810 χ^2/NDF : 1118497.9/20

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 : 5.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

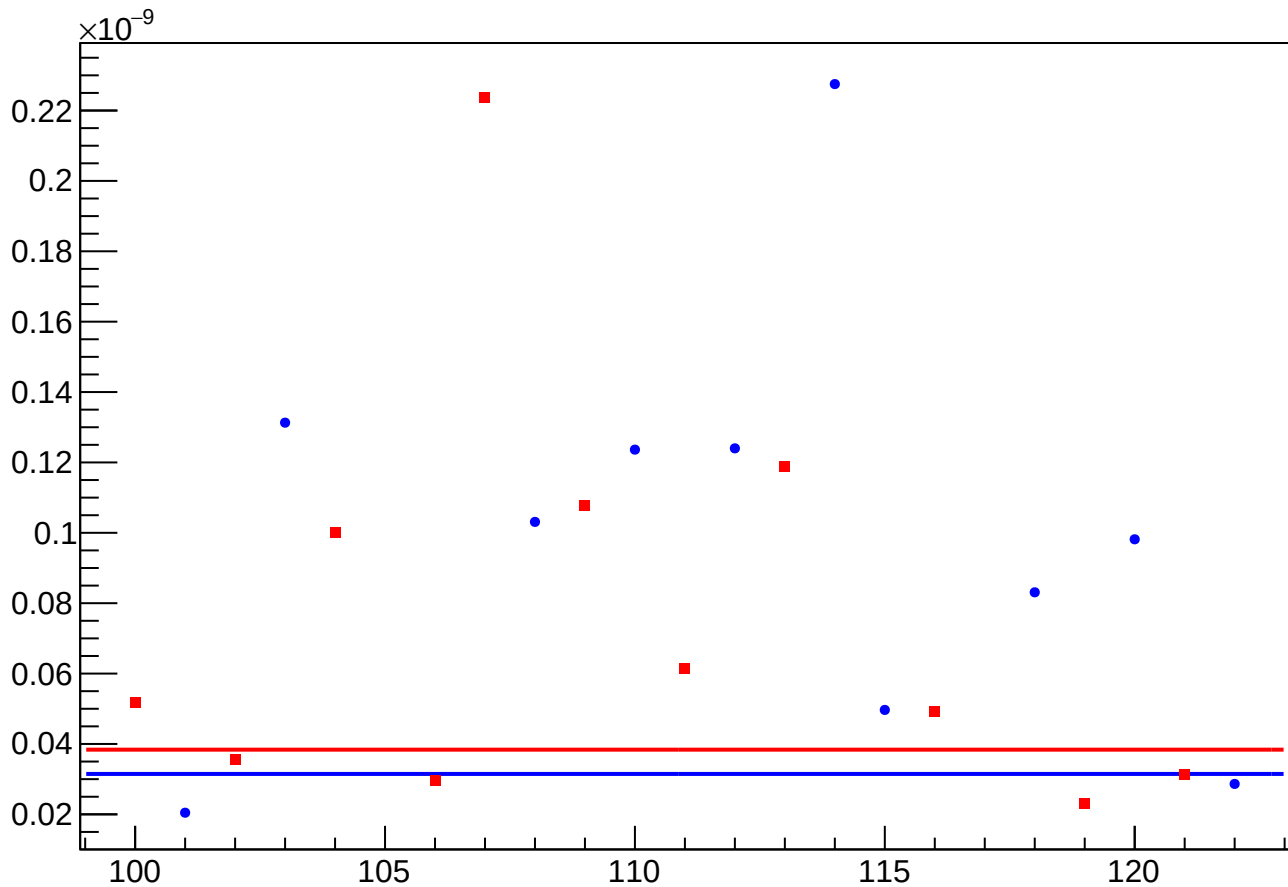
Right: -0.000+/-0.000 χ^2/NDF : 17.1/20

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 : 17.1/20

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 : 854307.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

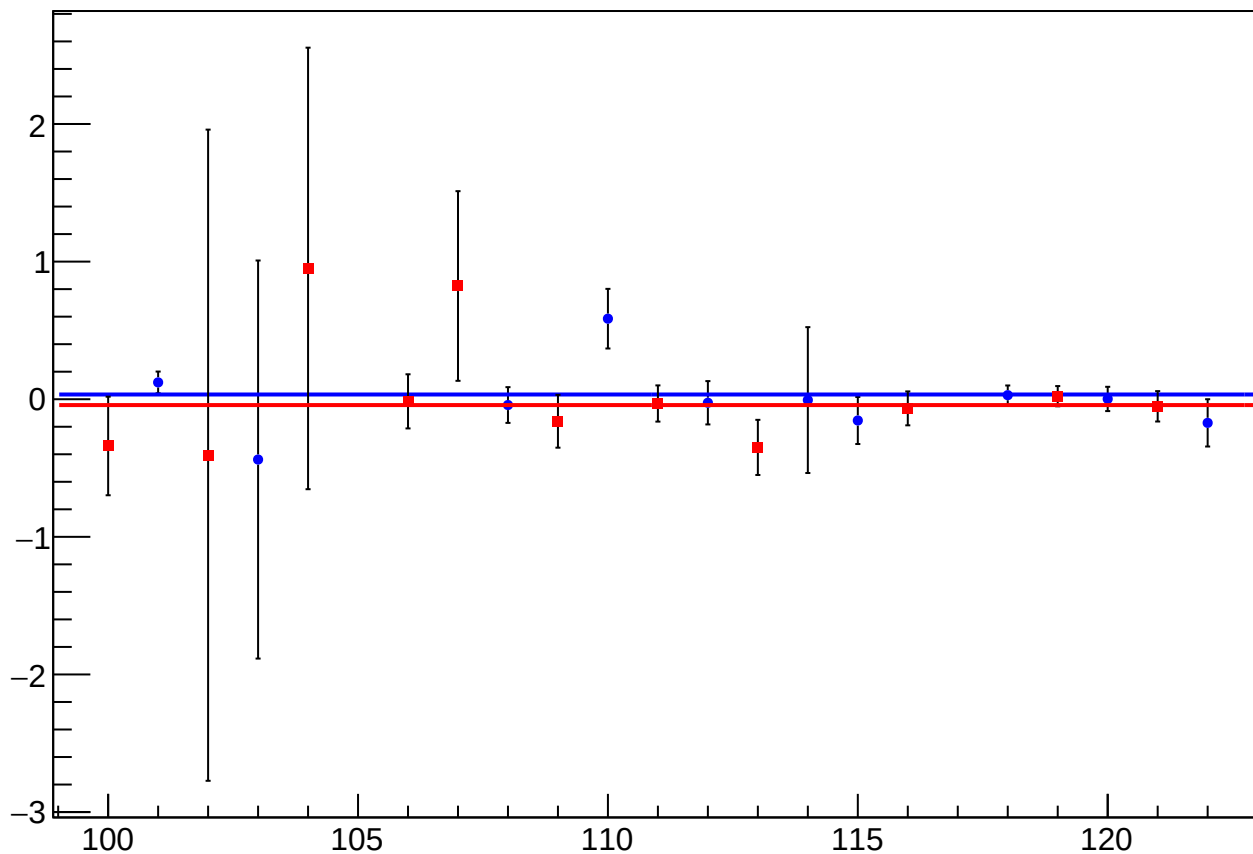
Right: 0.000+/-0.000 χ^2/NDF : 2448259.3/20

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 : 2448259.3/20

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 ± 0.038 $\chi^2/\text{NDF}: 11.1/9$

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

Right Out: -0.043 ± 0.046 $\chi^2/\text{NDF}: 6.3/10$

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

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

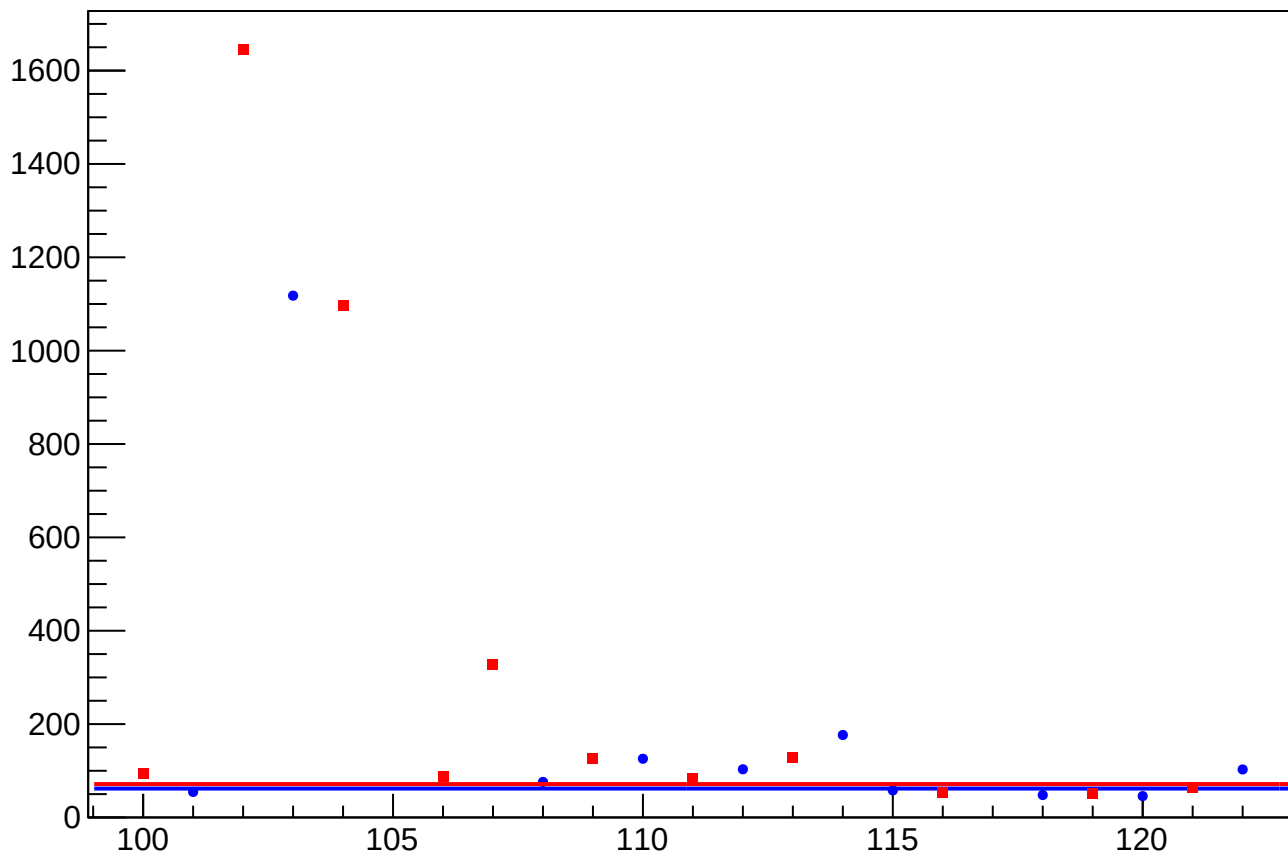
Right: 0.003 ± 0.029 $\chi^2/\text{NDF}: 19.0/20$

In: 0.034 ± 0.038 $\chi^2/\text{NDF}: 11.1/9$

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

All: 0.003 ± 0.029 $\chi^2/\text{NDF}: 19.0/20$

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

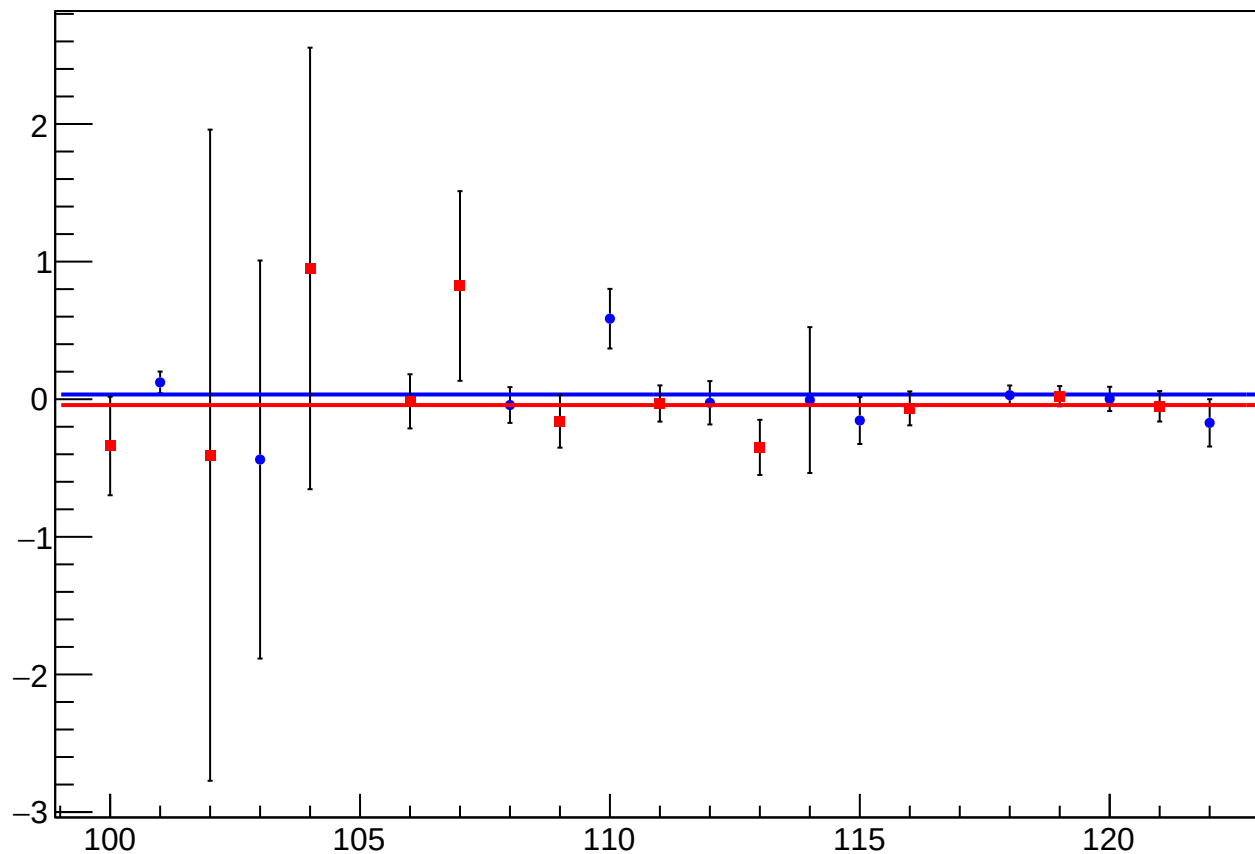
Right: 65.865+/-0.021 χ^2/NDF : 4356093.1/20

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

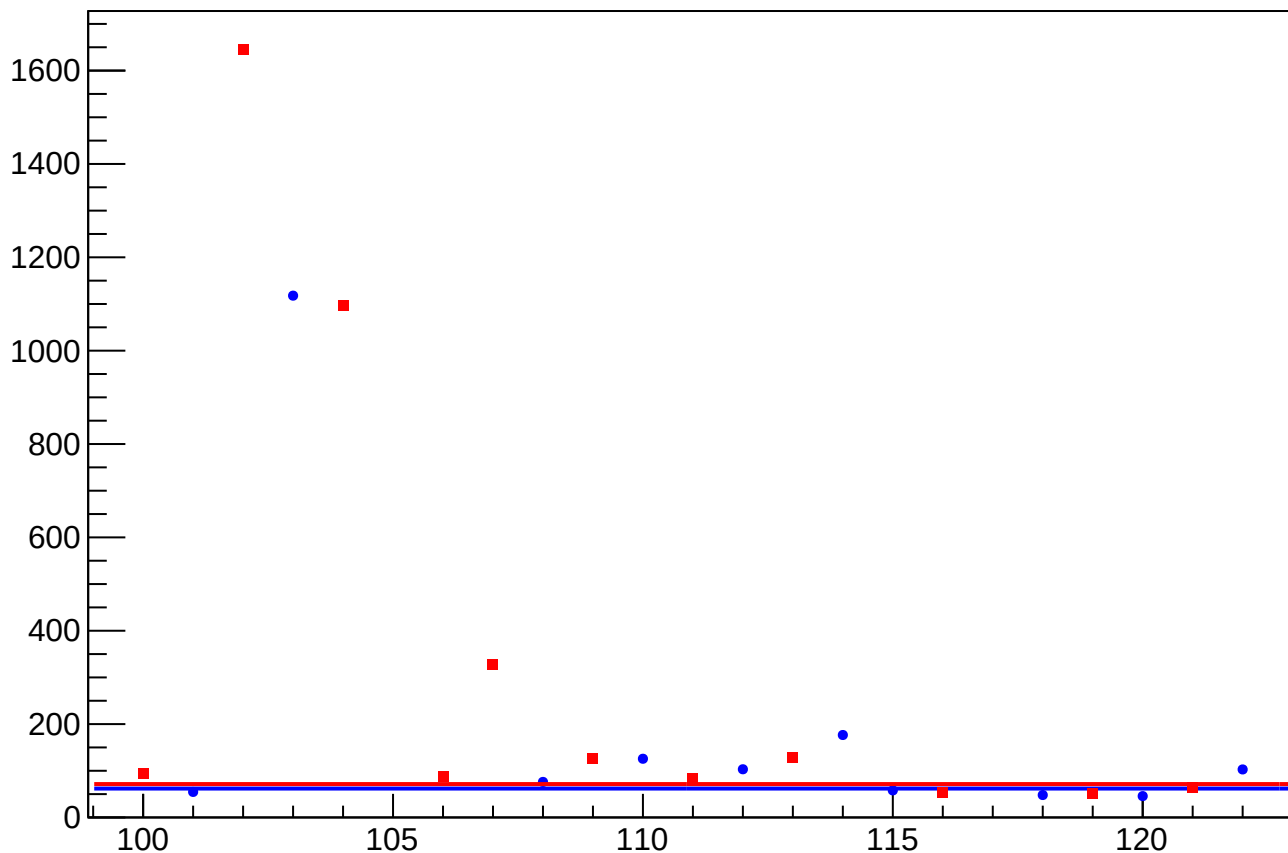
Right: 0.003+/-0.029 χ^2/NDF : 19.0/20

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

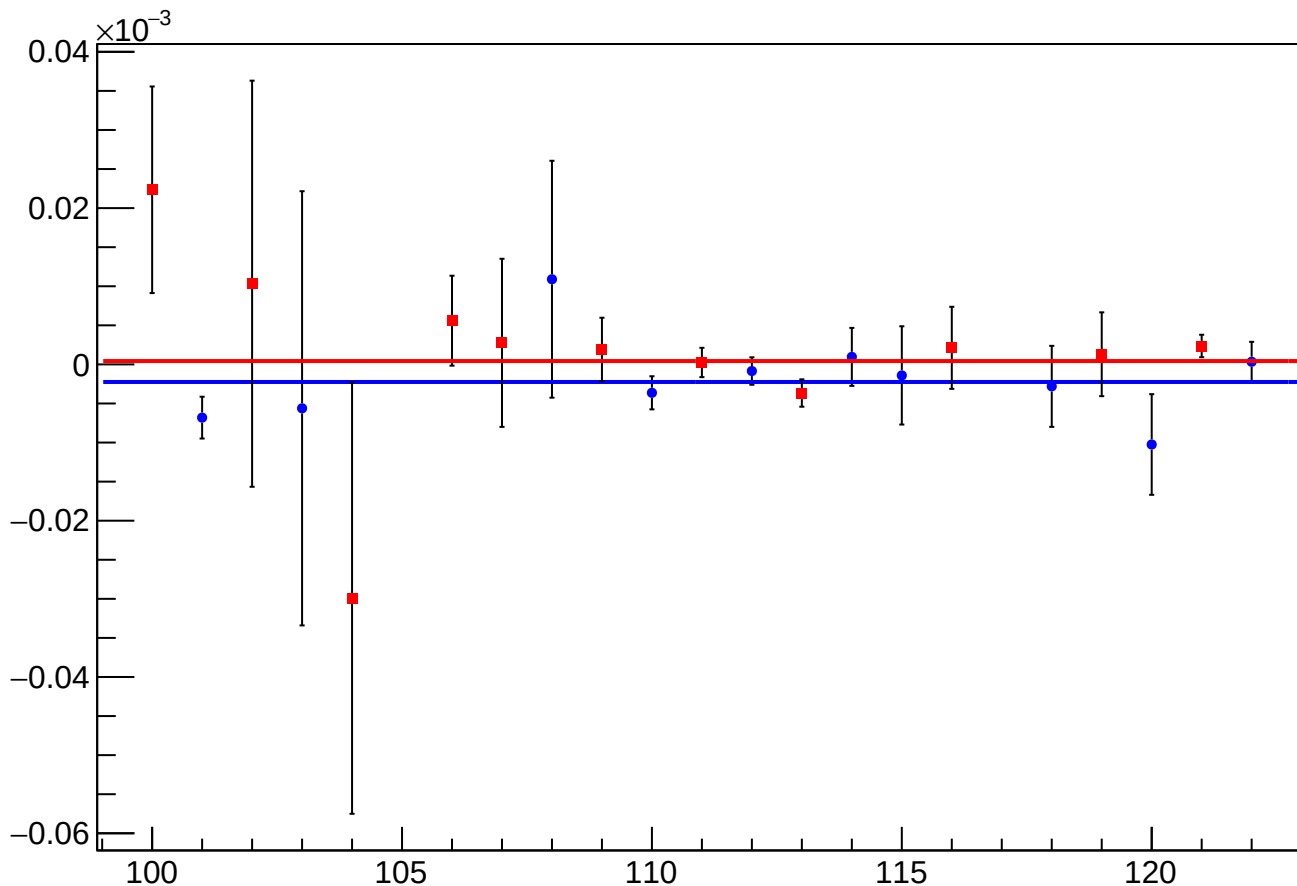
Right: 65.865+/-0.021 χ^2/NDF : 4356093.1/20

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 $\pm$ 0.000 χ^2 /NDF: 8.1/9

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

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

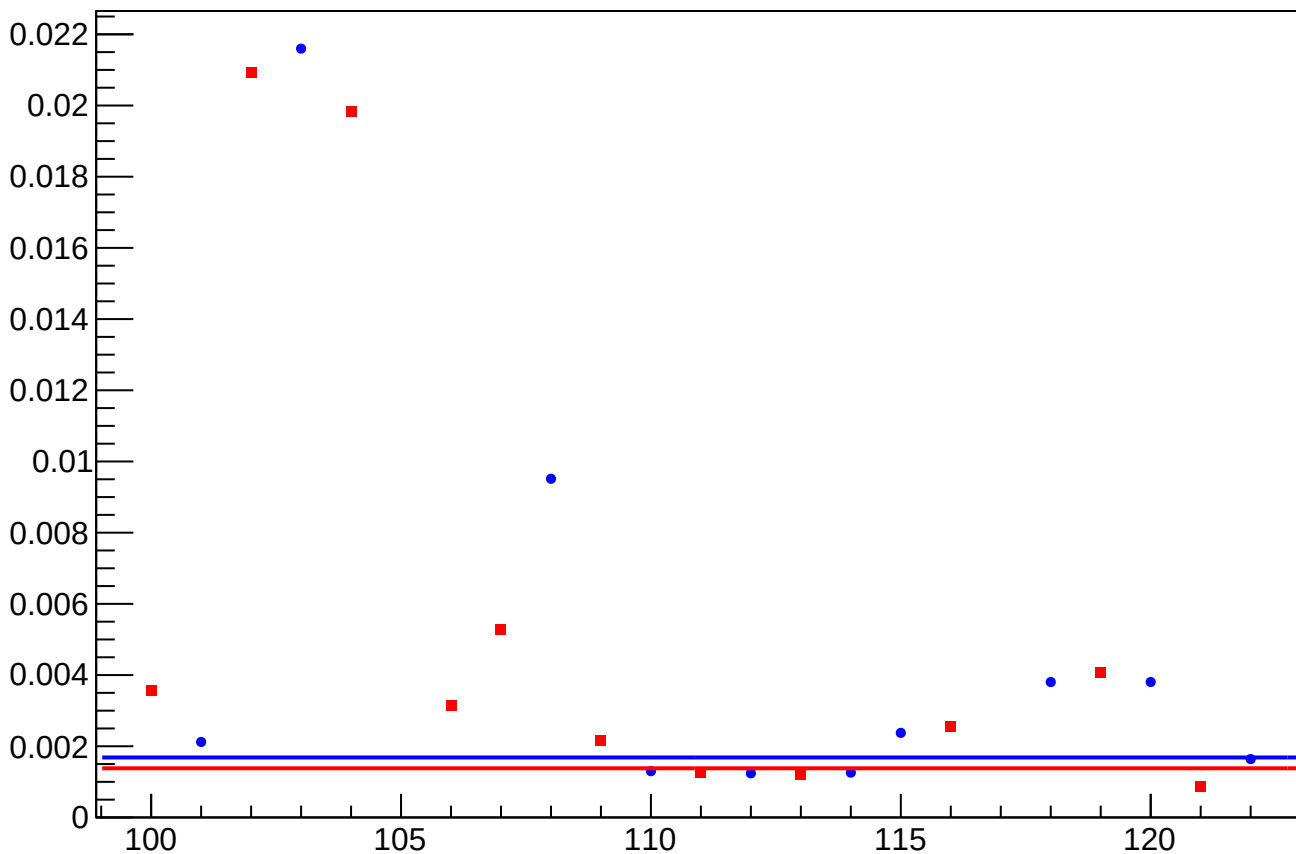
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.6/20

In: -0.000 $\pm$ 0.000 χ^2 /NDF:8.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 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

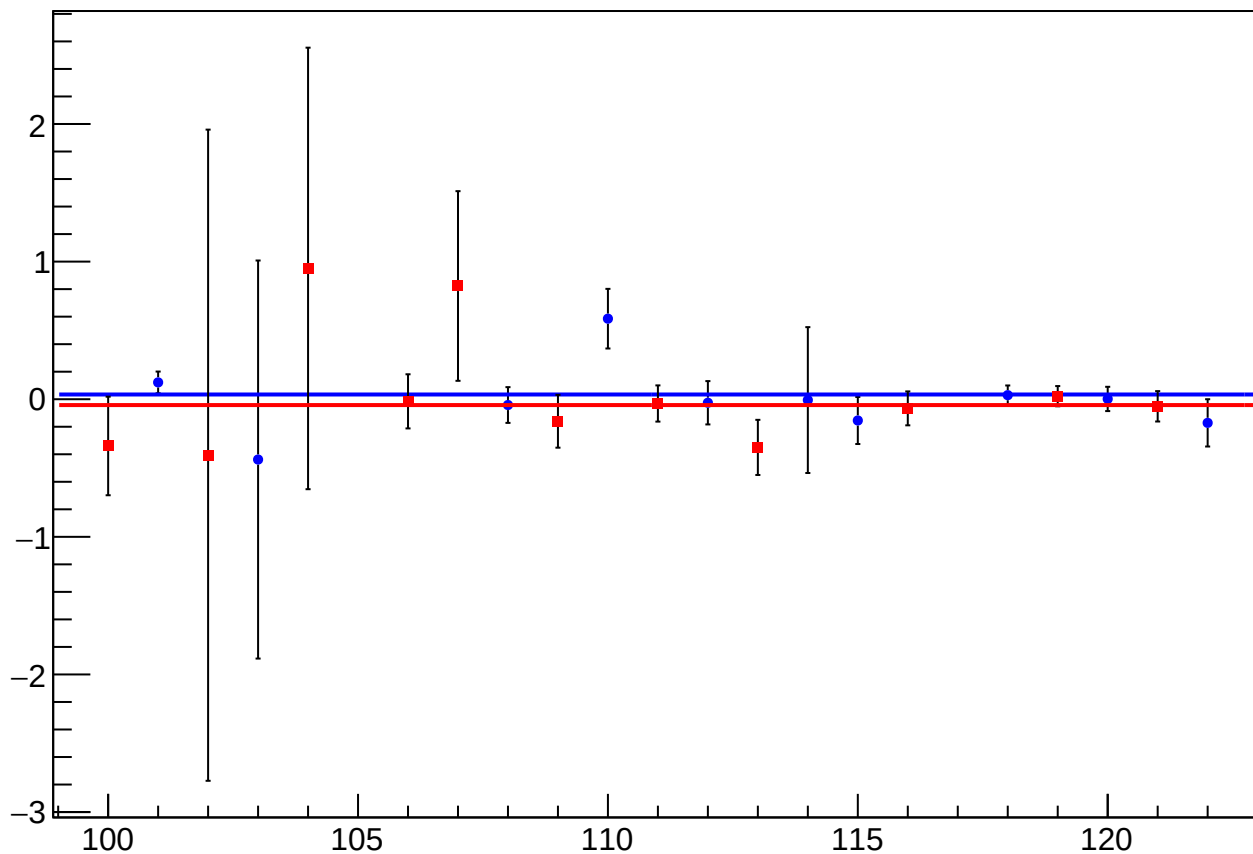
Right: 0.002+/-0.000 χ^2/NDF : 5989298.3/20

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

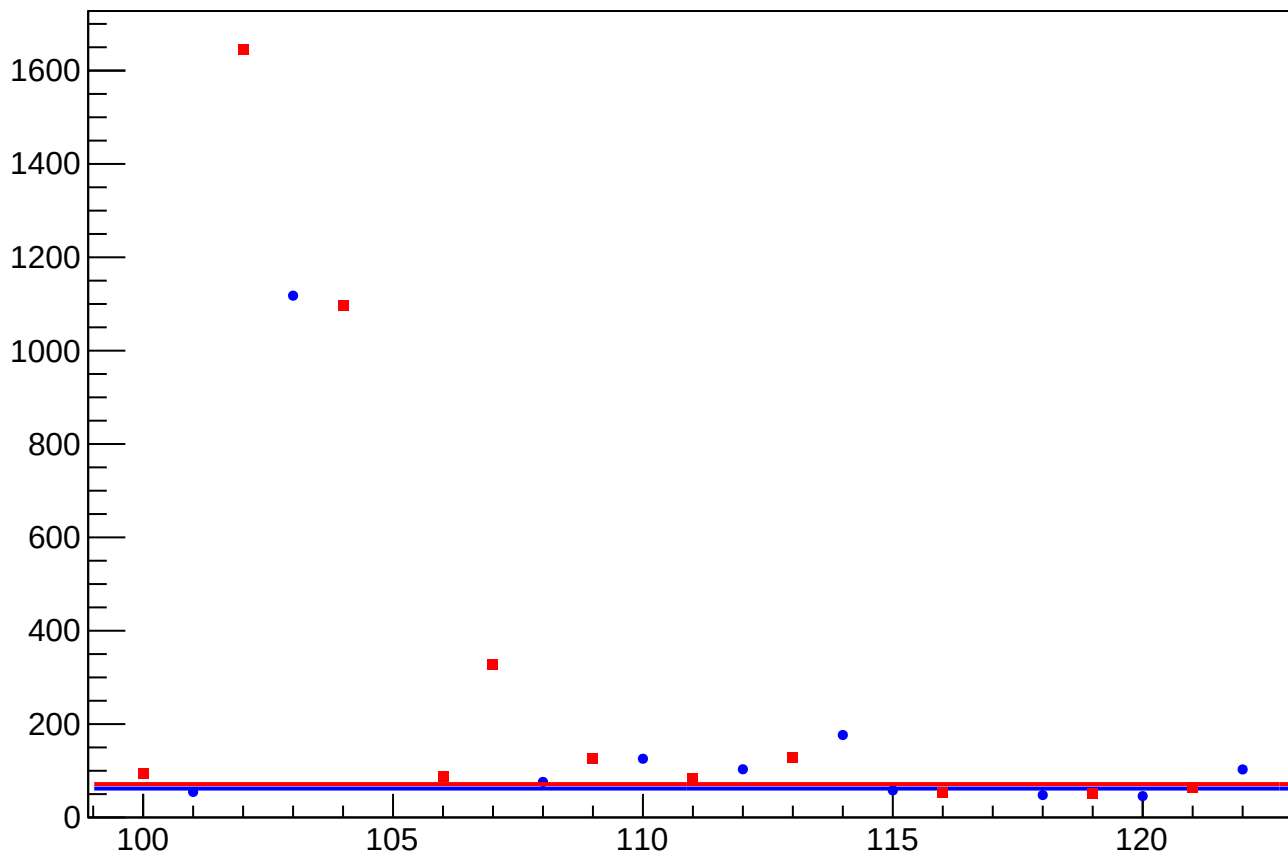
Right: 0.003+/-0.029 χ^2/NDF : 19.0/20

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

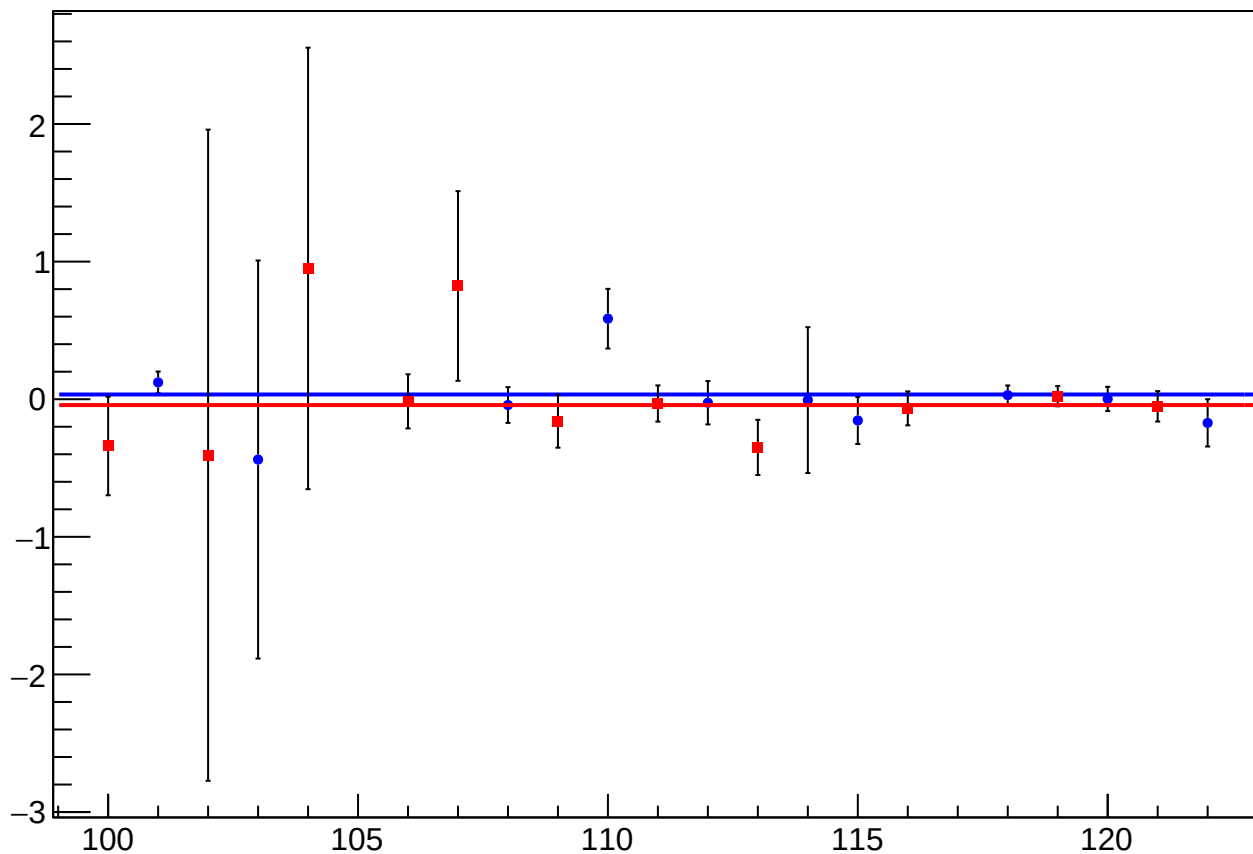
Right: 65.864+/-0.021 χ^2/NDF : 4356180.5/20

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 $\pm$ 0.038 χ^2/NDF : 11.1/9

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

Right Out: -0.043 $\pm$ 0.046 χ^2/NDF : 6.3/10

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

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

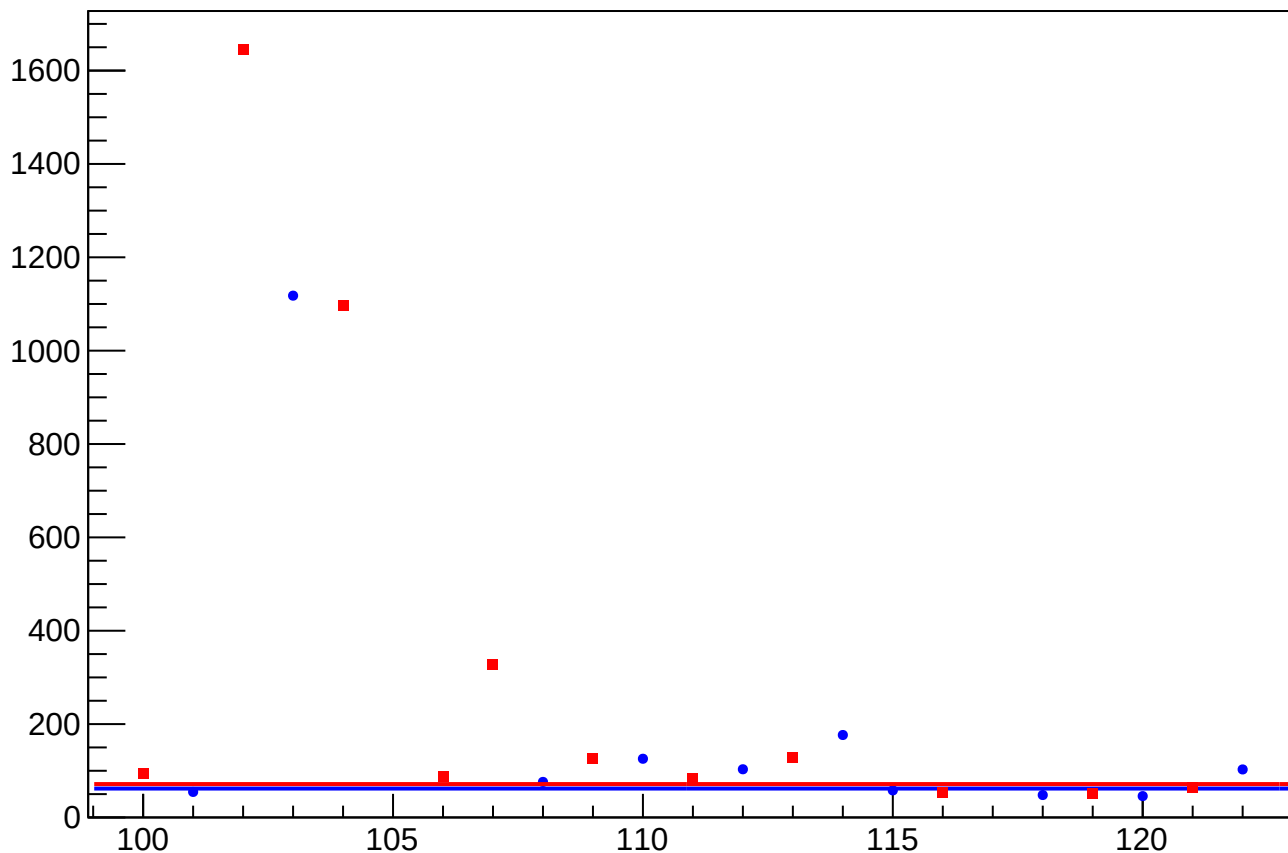
Right: 0.003 $\pm$ 0.029 χ^2/NDF : 19.0/20

In: 0.034 $\pm$ 0.038 χ^2/NDF : 11.1/9

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

All: 0.003 $\pm$ 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

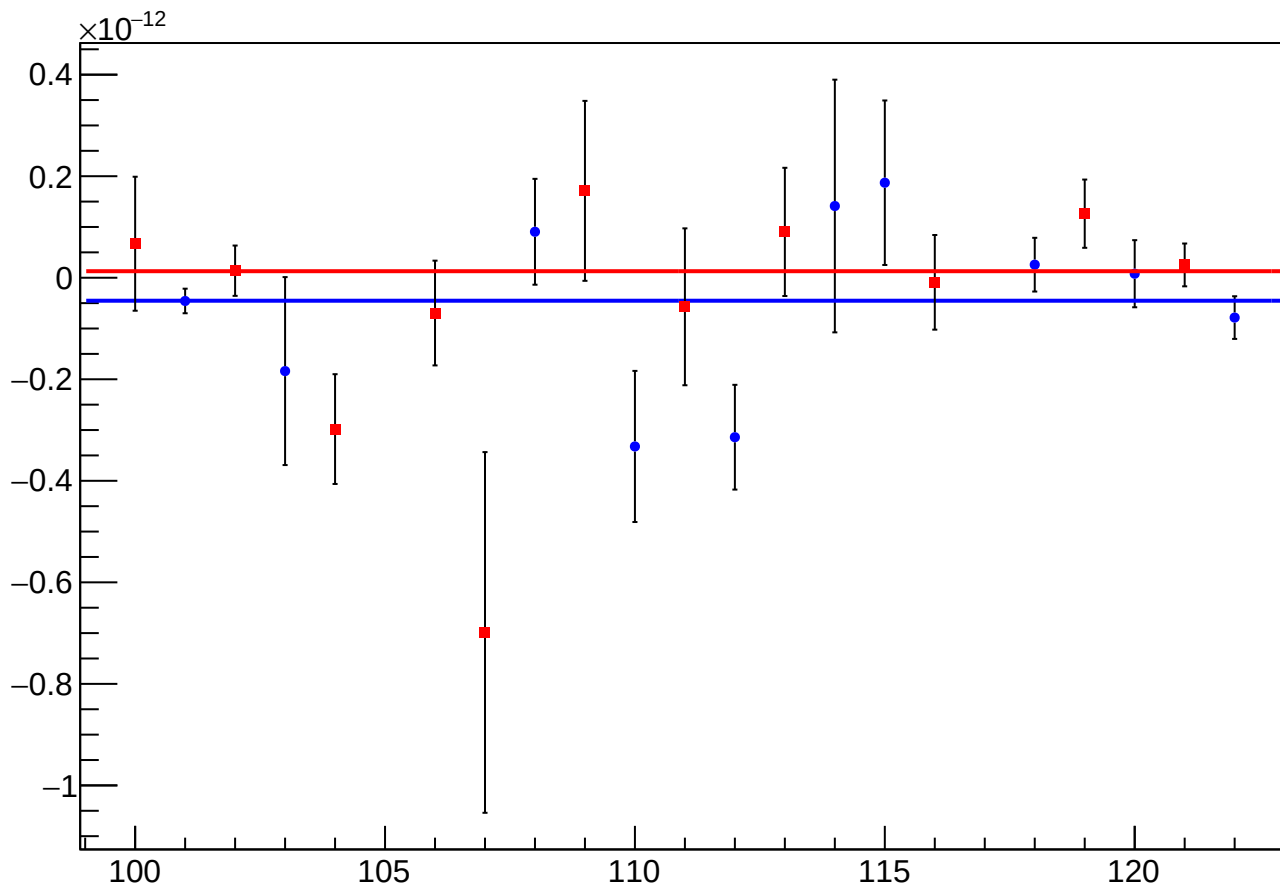
Right: 65.864+/-0.021 χ^2/NDF : 4356180.5/20

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: 17.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

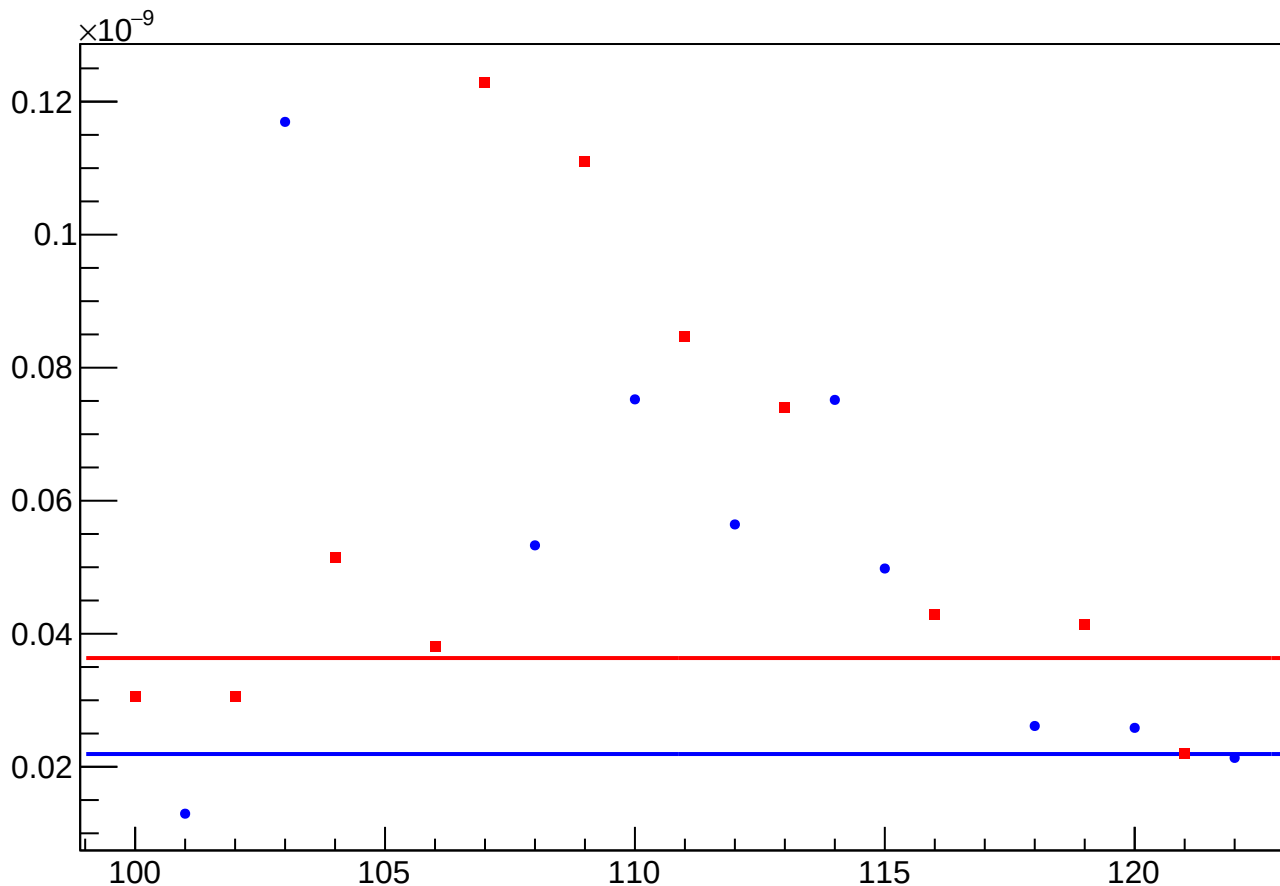
Right: -0.000+/-0.000 χ^2 /NDF: 39.6/20

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: 39.6/20

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 : 1172073.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

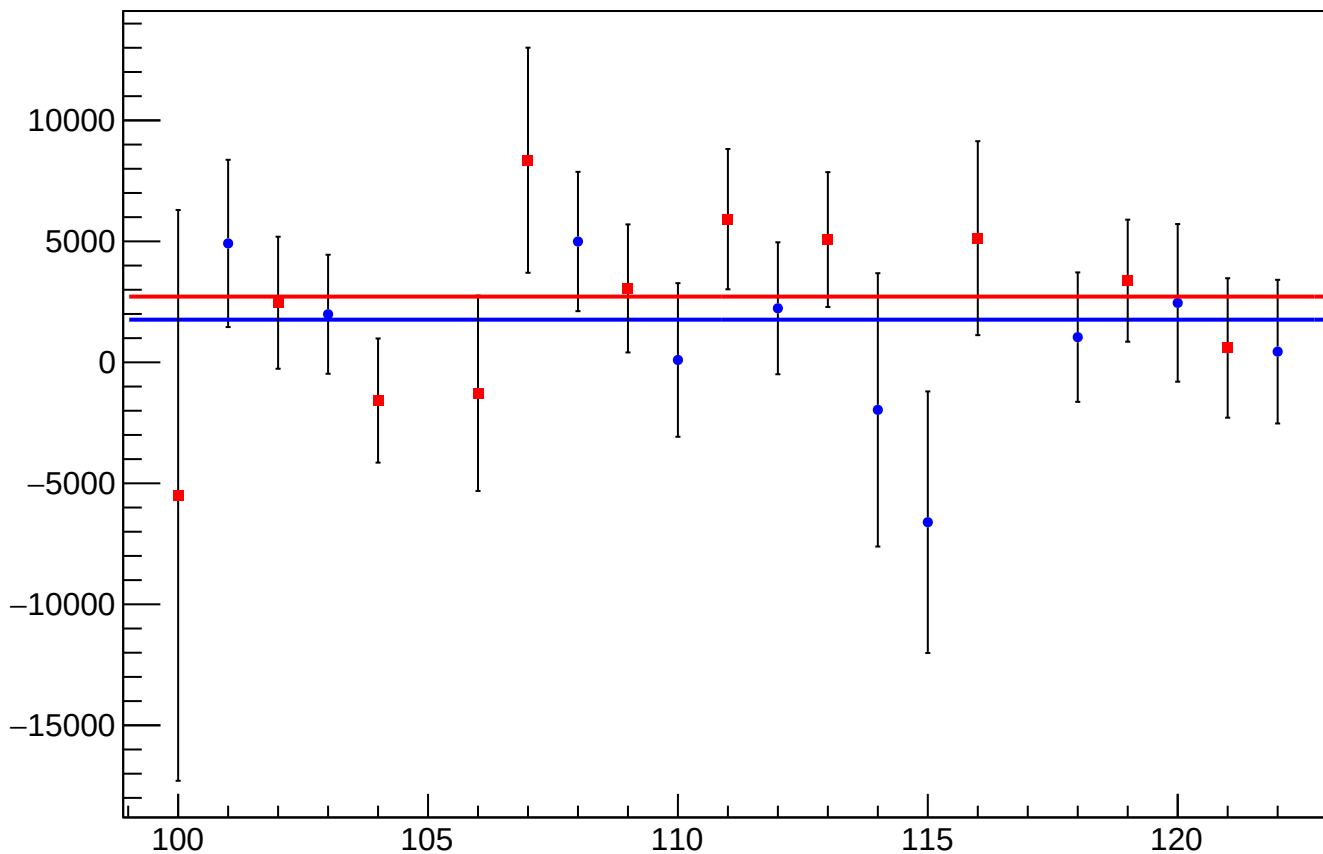
Right: 0.000+/-0.000 χ^2/NDF : 3265205.3/20

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 : 3265205.3/20

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: 2717.187+/-940.092 χ^2/NDF : 8.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

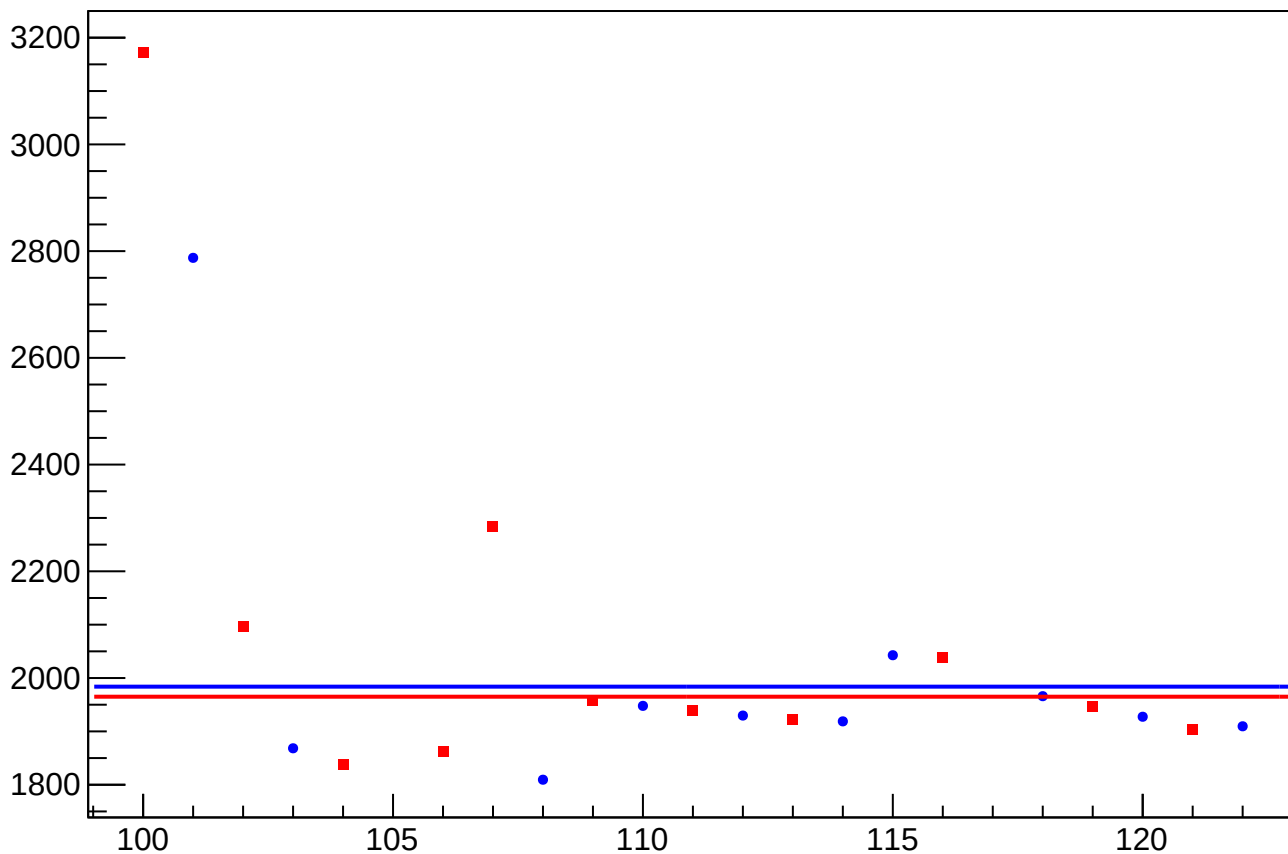
Right: 2265.954+/-682.334 χ^2/NDF : 14.7/20

In: 1763.592+/-991.925 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2265.954+/-682.334 χ^2/NDF : 14.7/20

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: 1965.001+/-0.665 χ^2 /NDF: 43526.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

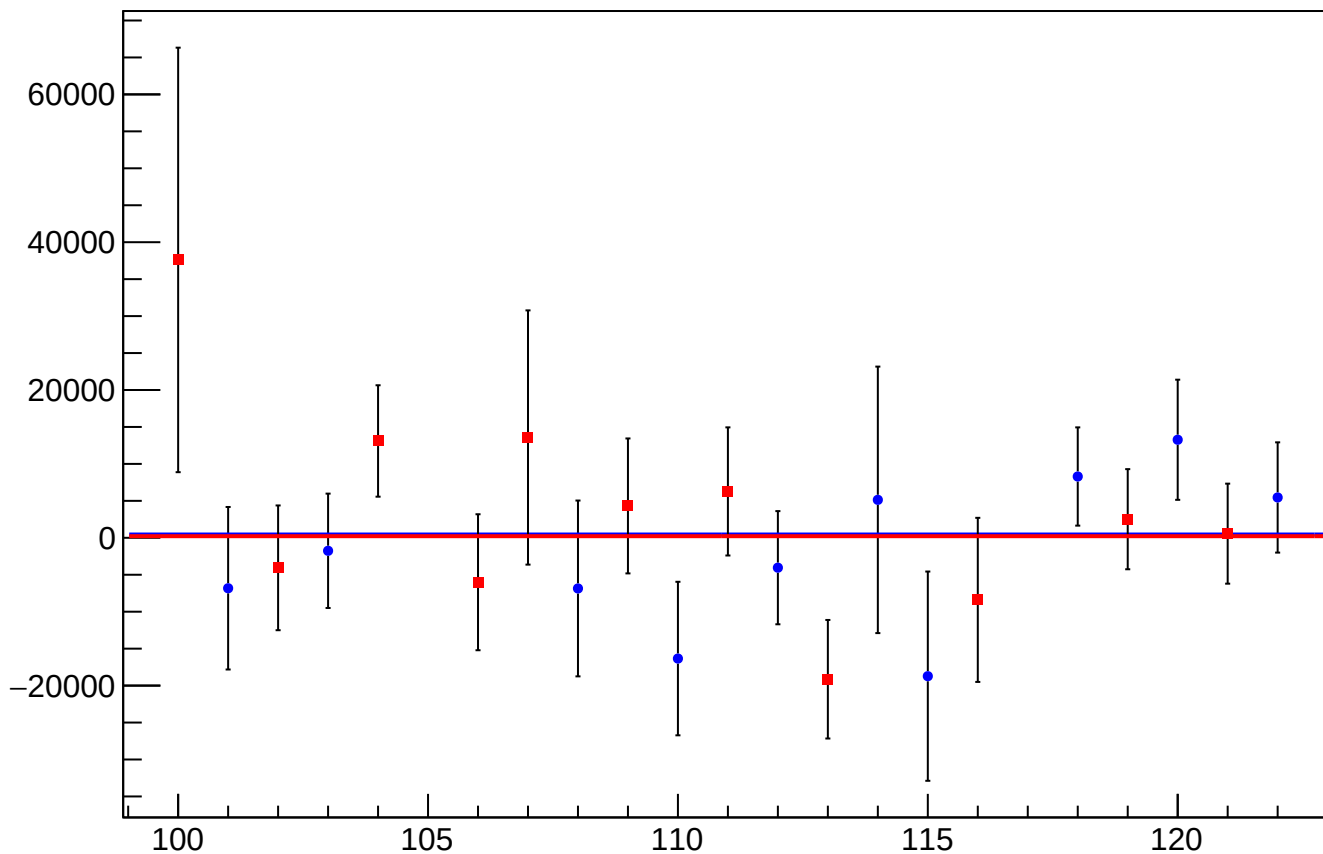
Right: 1973.914+/-0.482 χ^2 /NDF: 167220.9/20

In: 1983.837+/-0.701 χ^2 /NDF:123315.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1973.914+/-0.482 χ^2 /NDF: 167220.9/20

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: 443.660 $\pm$ 2861.198 χ^2 /NDF: 10.1/9

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

Right Out: 217.364 $\pm$ 2666.791 χ^2 /NDF: 13.2/10

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

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

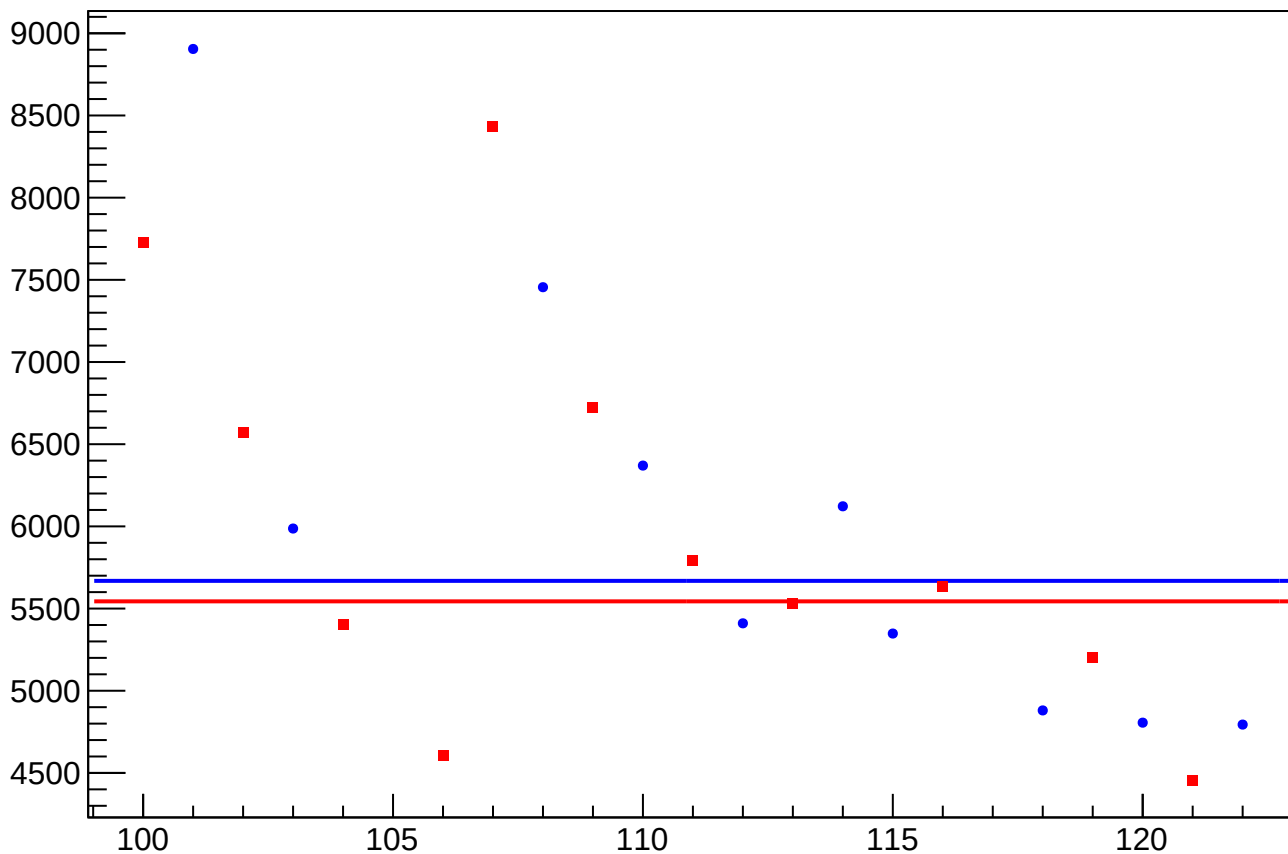
Right: 322.563 $\pm$ 1950.816 χ^2 /NDF: 23.3/20

In: 443.660 $\pm$ 2861.198 χ^2 /NDF:10.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 322.563 $\pm$ 1950.816 χ^2 /NDF: 23.3/20

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: 5543.852+/-1.886 χ^2/NDF : 210996.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

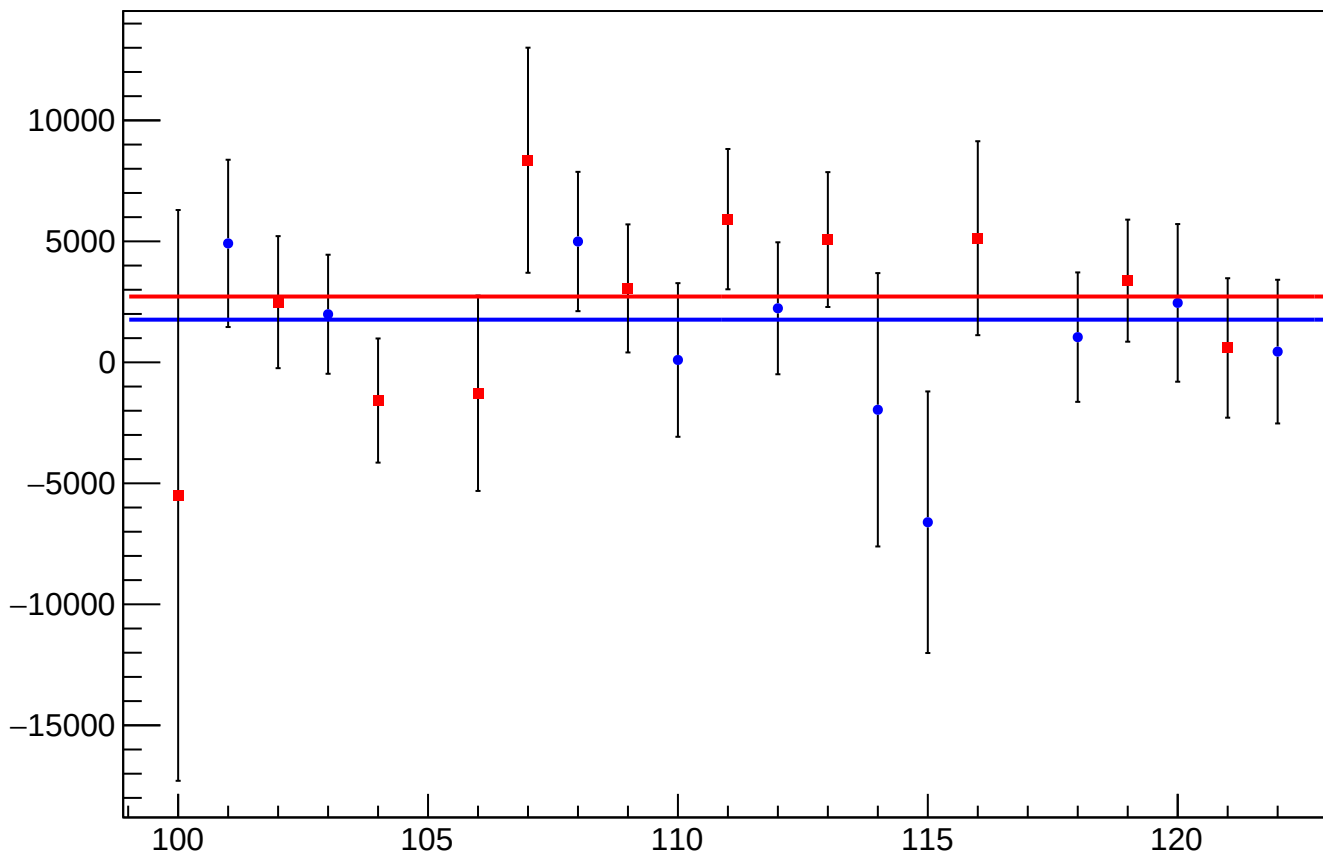
Right: 5601.810+/-1.379 χ^2/NDF : 526564.0/20

In: 5668.527+/-2.023 χ^2/NDF : 313535.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5601.810+/-1.379 χ^2/NDF : 526564.0/20

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: 2720.025+/-940.107 χ^2/NDF : 8.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

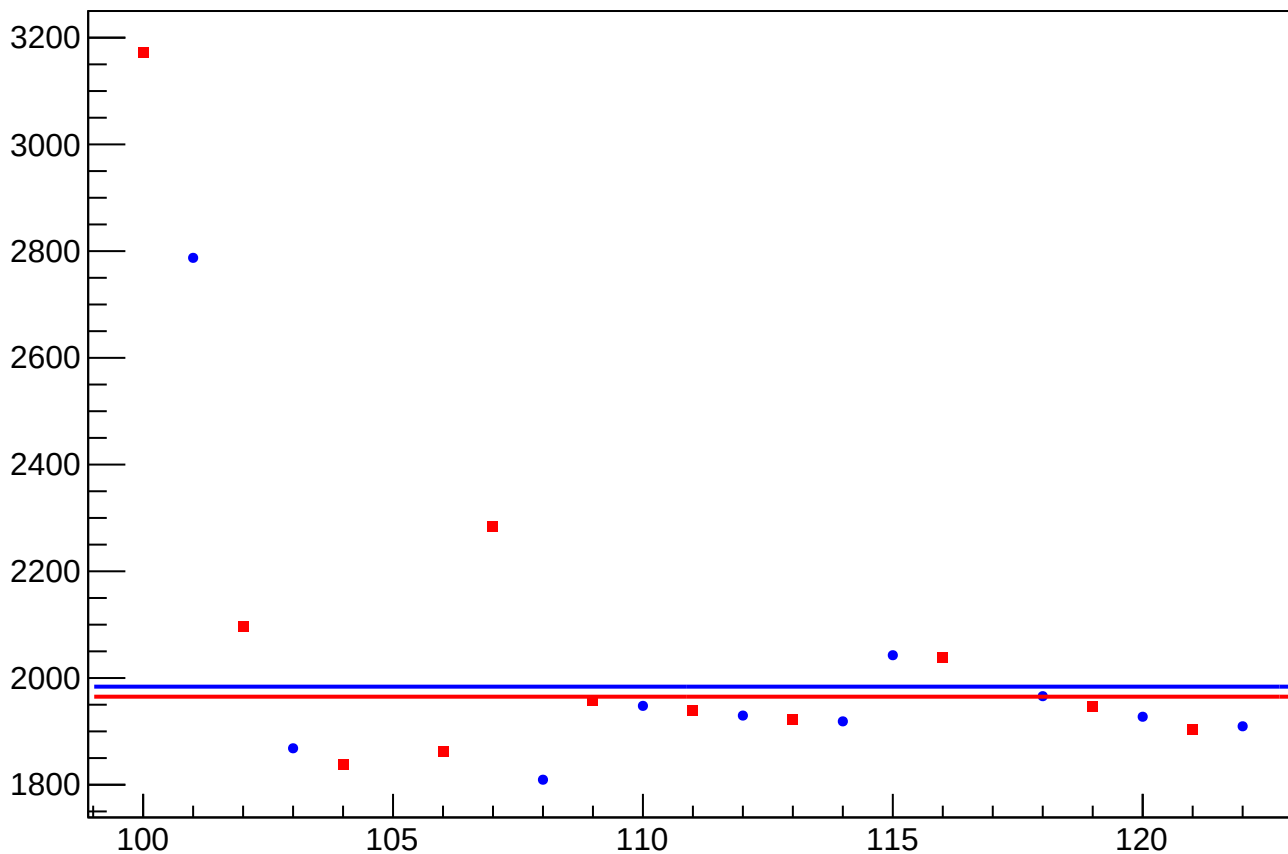
Right: 2267.582+/-682.340 χ^2/NDF : 14.7/20

In: 1763.888+/-991.925 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.582+/-682.340 χ^2/NDF : 14.7/20

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: 1965.033+/-0.665 χ^2 /NDF: 43545.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

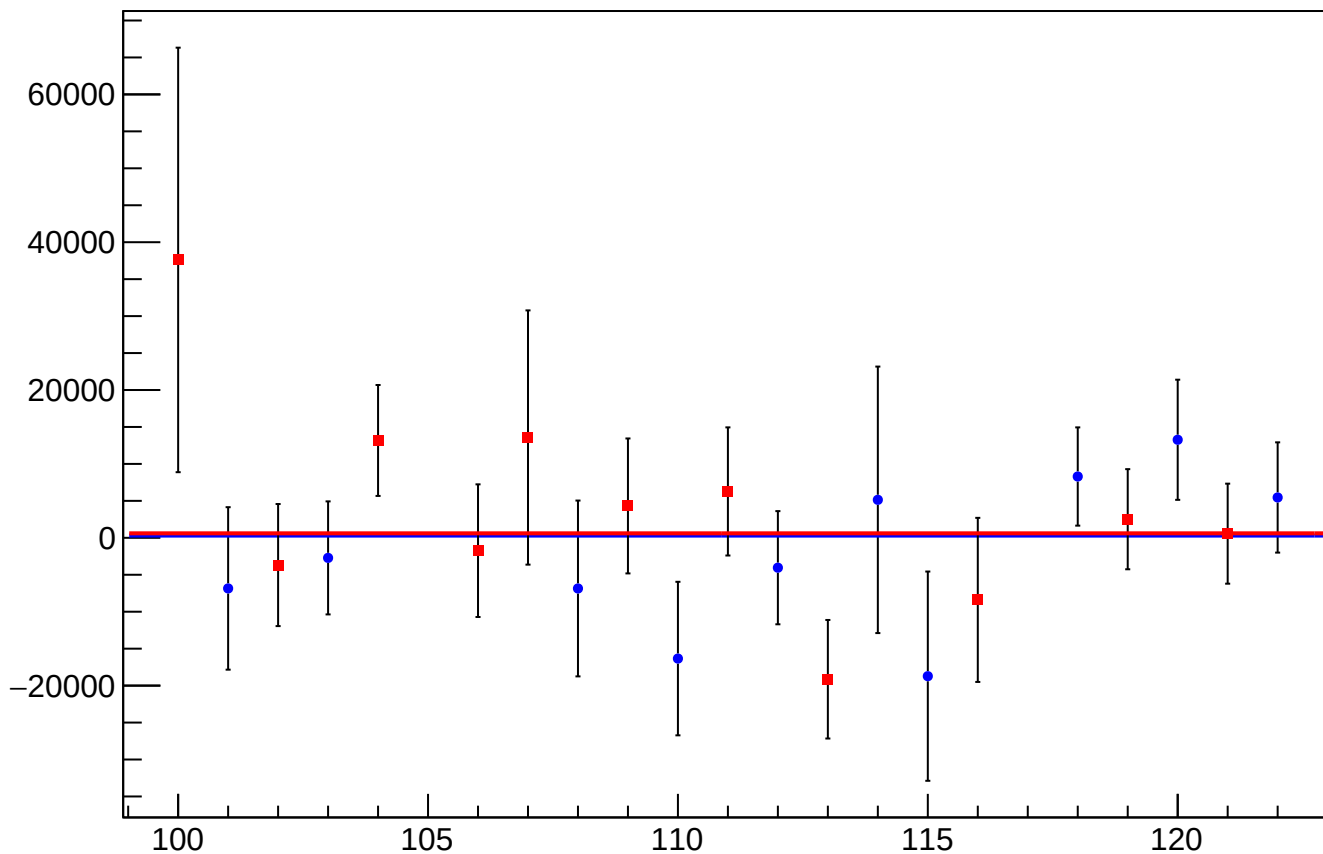
Right: 1973.931+/-0.482 χ^2 /NDF: 167239.3/20

In: 1983.837+/-0.701 χ^2 /NDF:123314.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1973.931+/-0.482 χ^2 /NDF: 167239.3/20

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: 607.798+/-2653.766 χ^2/NDF : 12.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

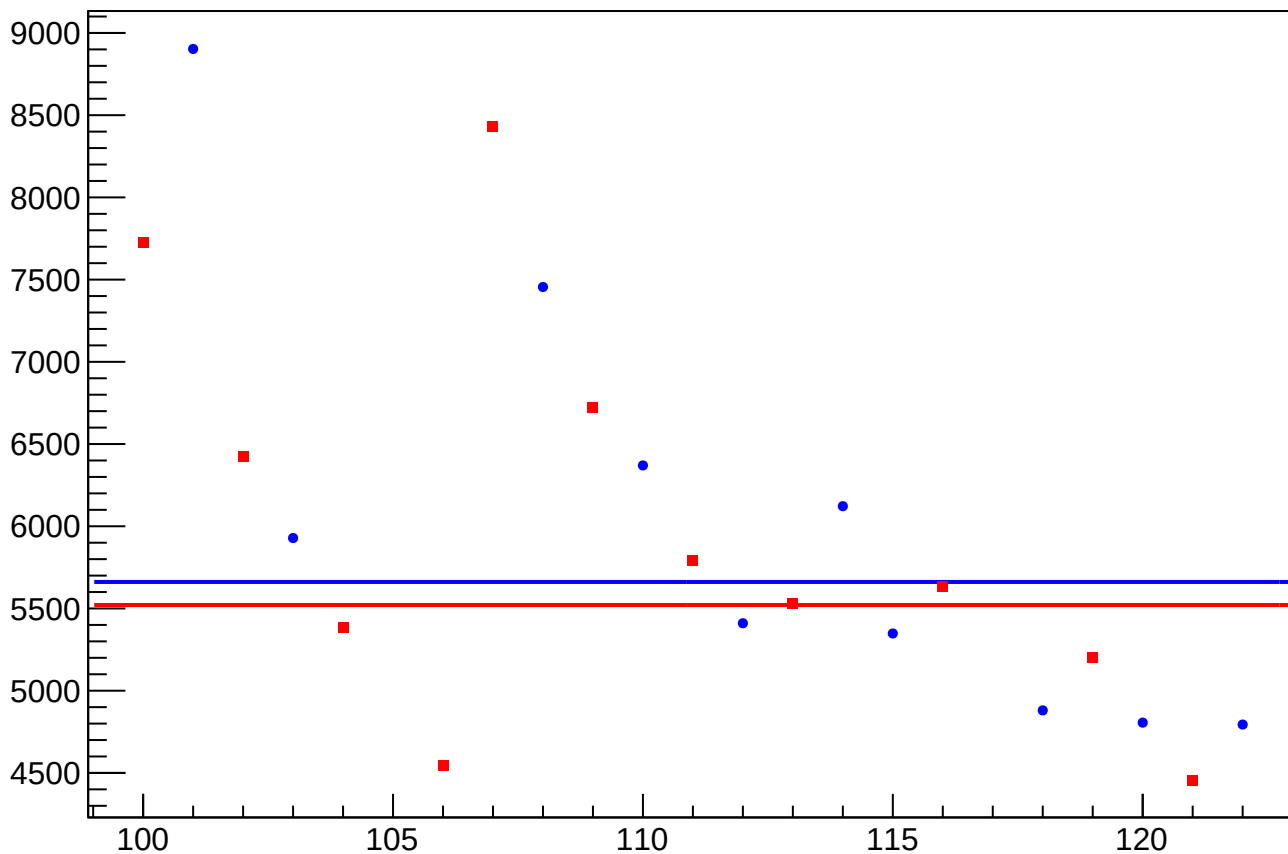
Right: 465.939+/-1944.235 χ^2/NDF : 22.9/20

In: 301.573+/-2856.544 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.939+/-1944.235 χ^2/NDF : 22.9/20

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: 5521.062+/-1.876 χ^2/NDF : 208209.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

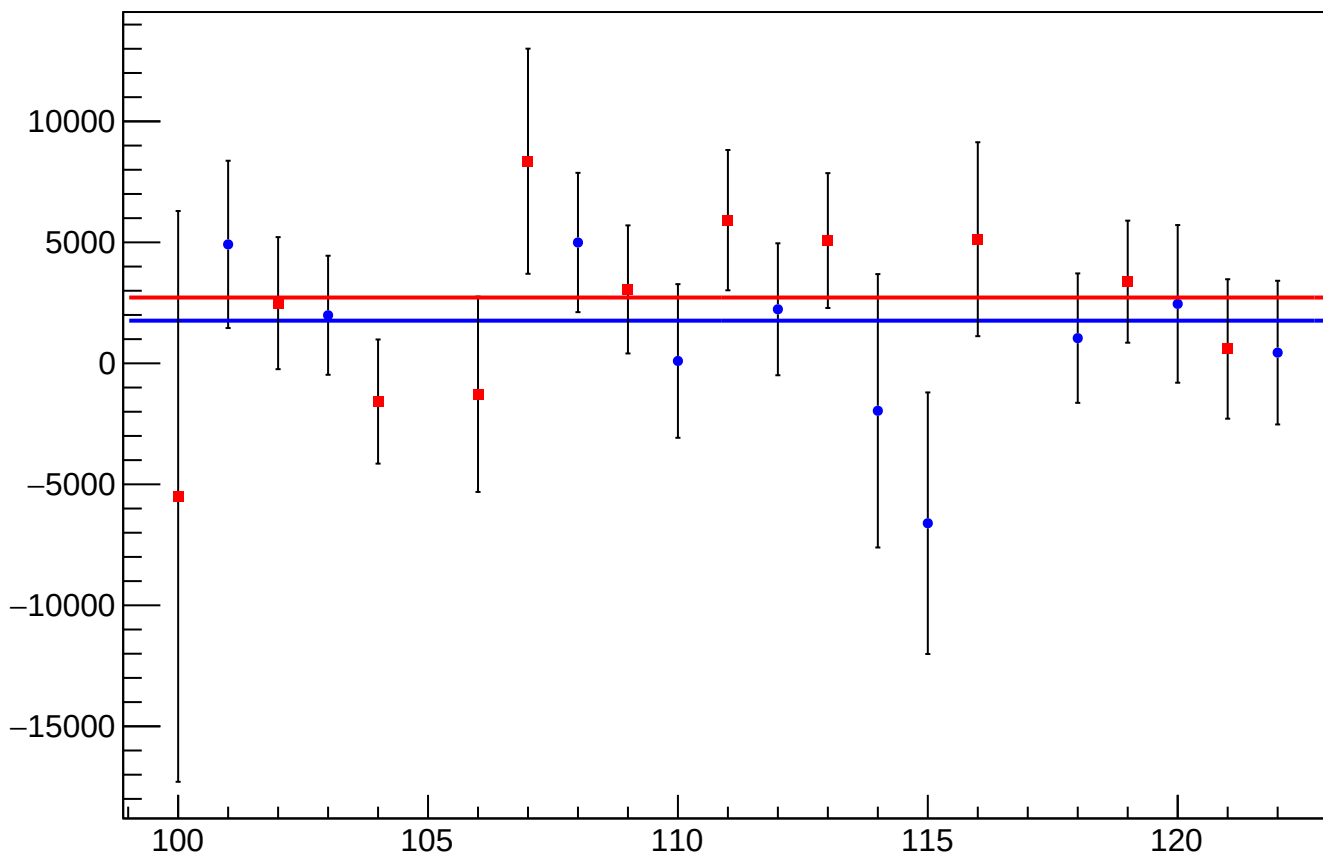
Right: 5586.046+/-1.375 χ^2/NDF : 523107.9/20

In: 5661.339+/-2.020 χ^2/NDF : 312309.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5586.046+/-1.375 χ^2/NDF : 523107.9/20

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: 2720.025+/-940.107 χ^2/NDF : 8.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

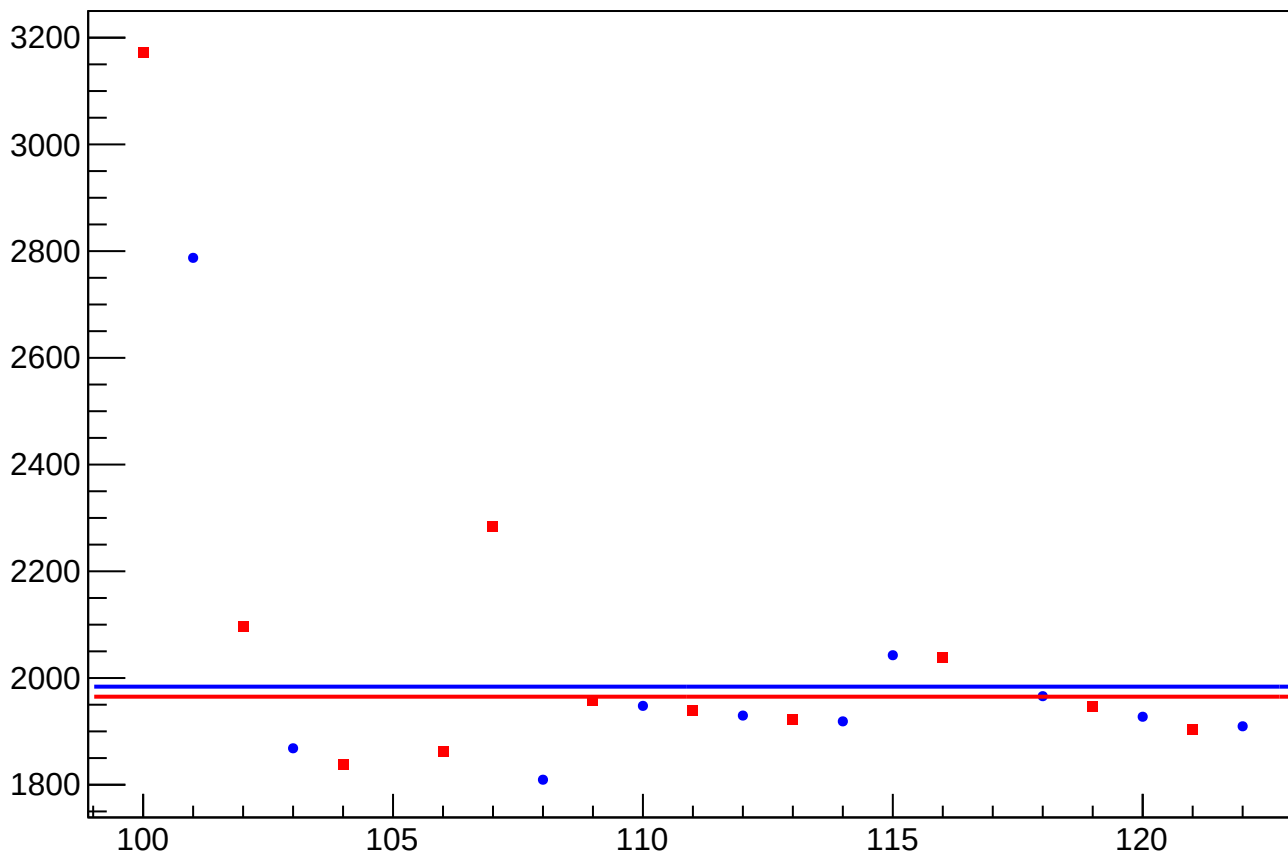
Right: 2267.582+/-682.340 χ^2/NDF : 14.7/20

In: 1763.888+/-991.925 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.582+/-682.340 χ^2/NDF : 14.7/20

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: 1965.033+/-0.665 χ^2/NDF : 43545.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

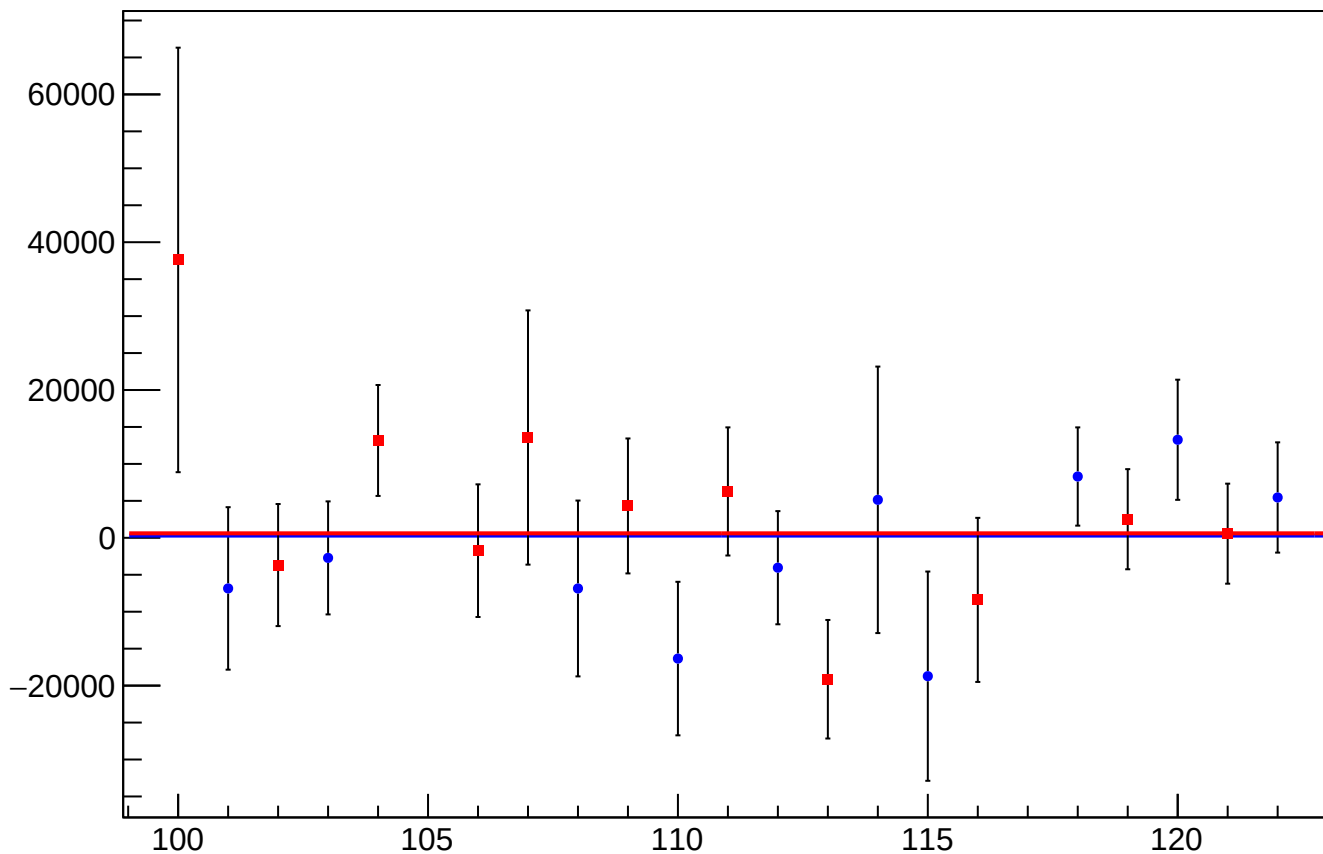
Right: 1973.931+/-0.482 χ^2/NDF : 167239.3/20

In: 1983.837+/-0.701 χ^2/NDF : 123314.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.931+/-0.482 χ^2/NDF : 167239.3/20

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: 607.798+/-2653.766 χ^2/NDF : 12.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

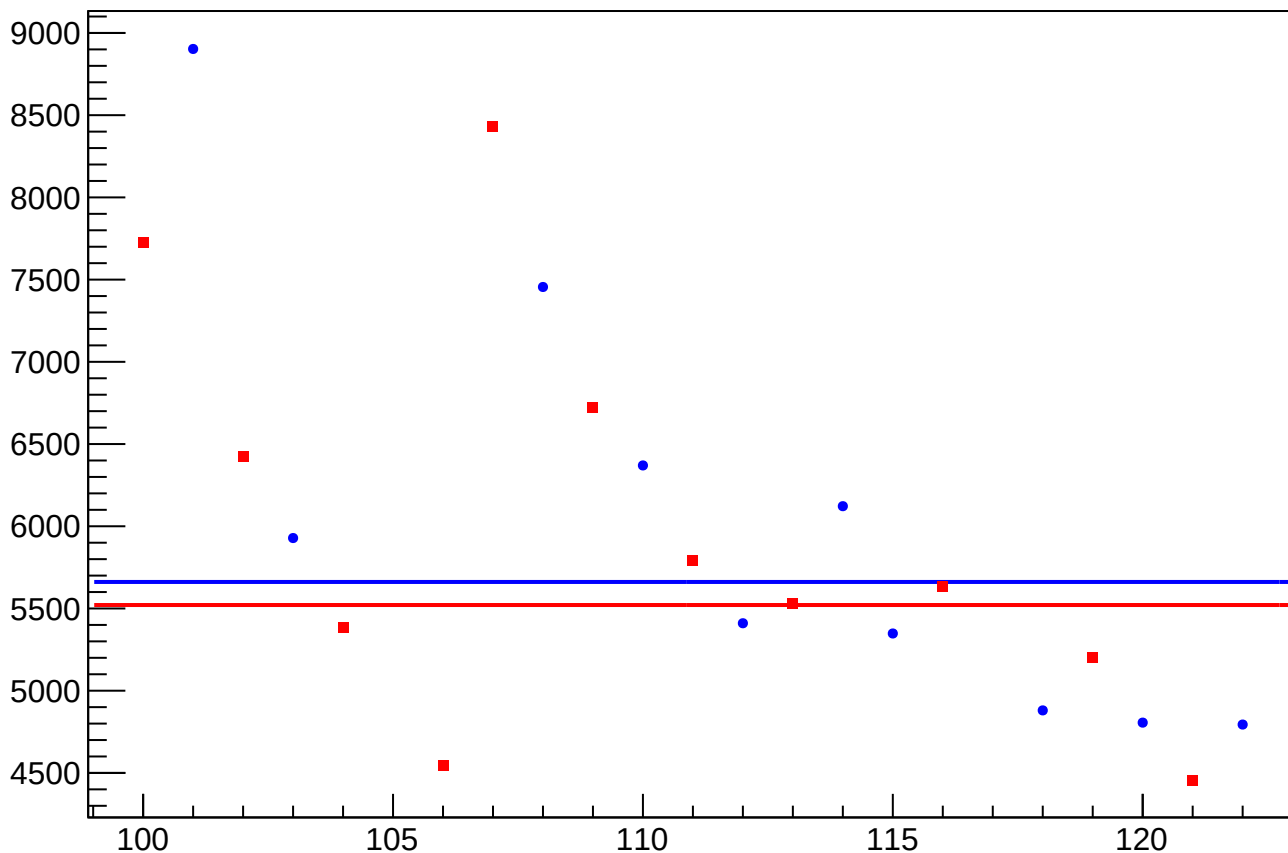
Right: 465.939+/-1944.235 χ^2/NDF : 22.9/20

In: 301.573+/-2856.544 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.939+/-1944.235 χ^2/NDF : 22.9/20

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: 5521.062+/-1.876 χ^2/NDF : 208209.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

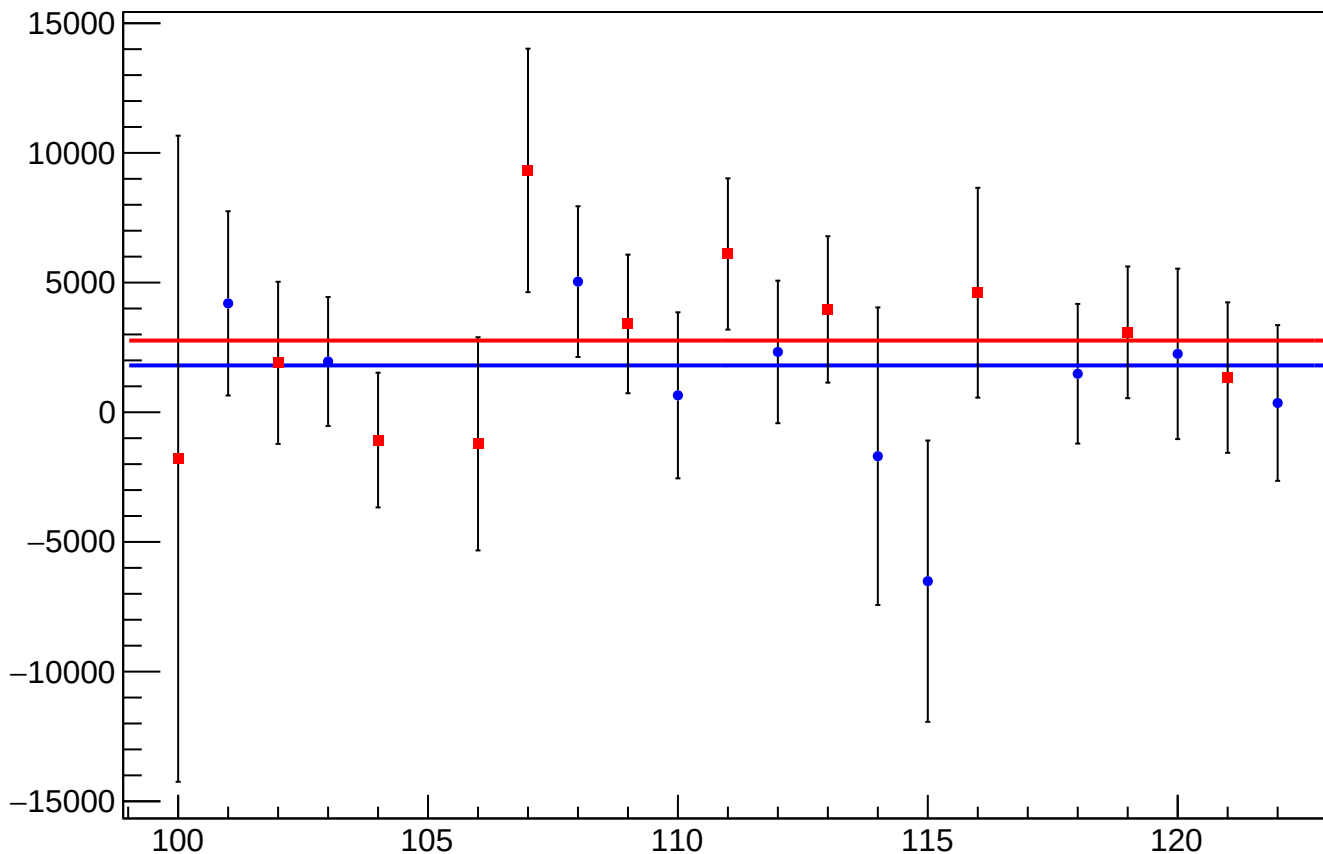
Right: 5586.046+/-1.375 χ^2/NDF : 523107.9/20

In: 5661.339+/-2.020 χ^2/NDF : 312309.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5586.046+/-1.375 χ^2/NDF : 523107.9/20

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

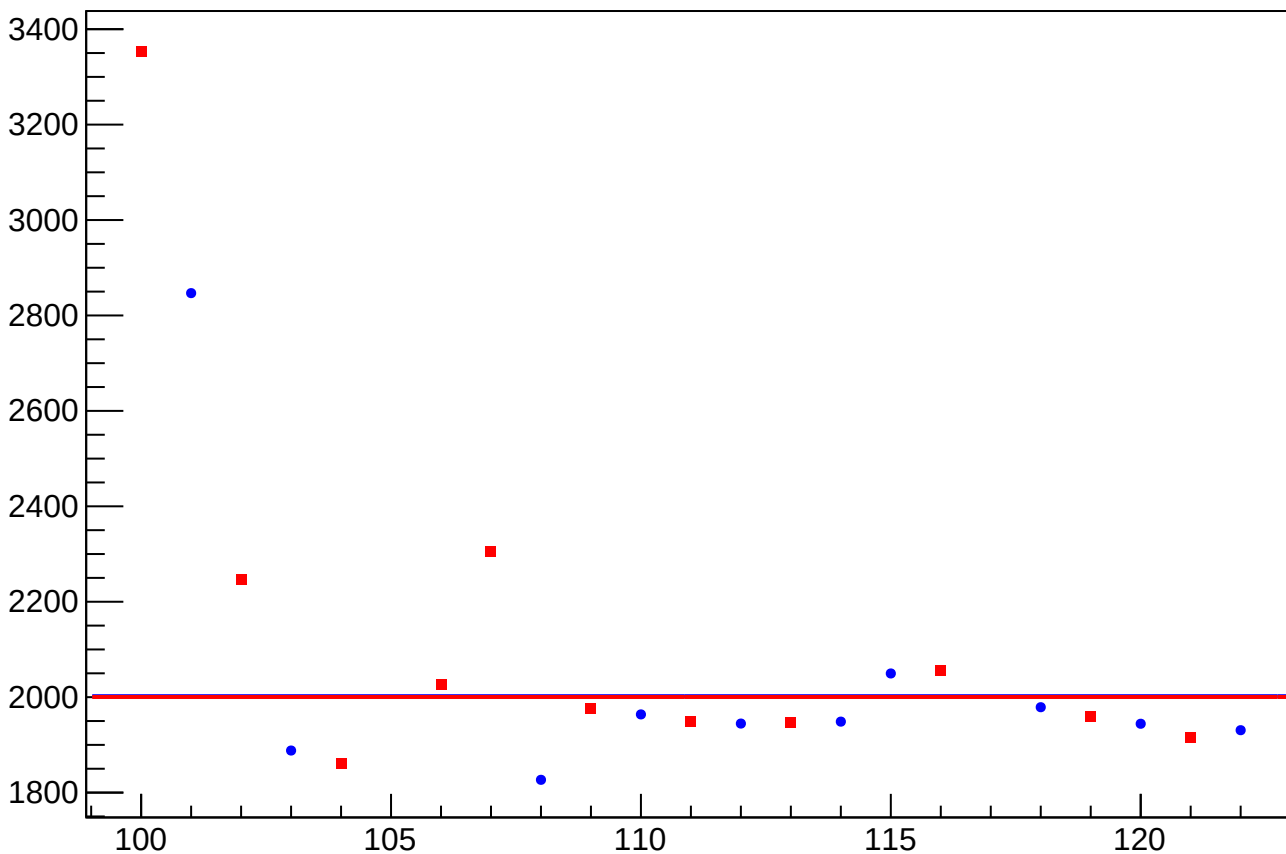
Right: 2305.212+/-694.176 χ^2/NDF : 12.6/20

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 $\pm$ 0.709 χ^2 /NDF: 127952.1/9

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

Right Out: 2000.421 $\pm$ 0.679 χ^2 /NDF: 54374.7/10

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

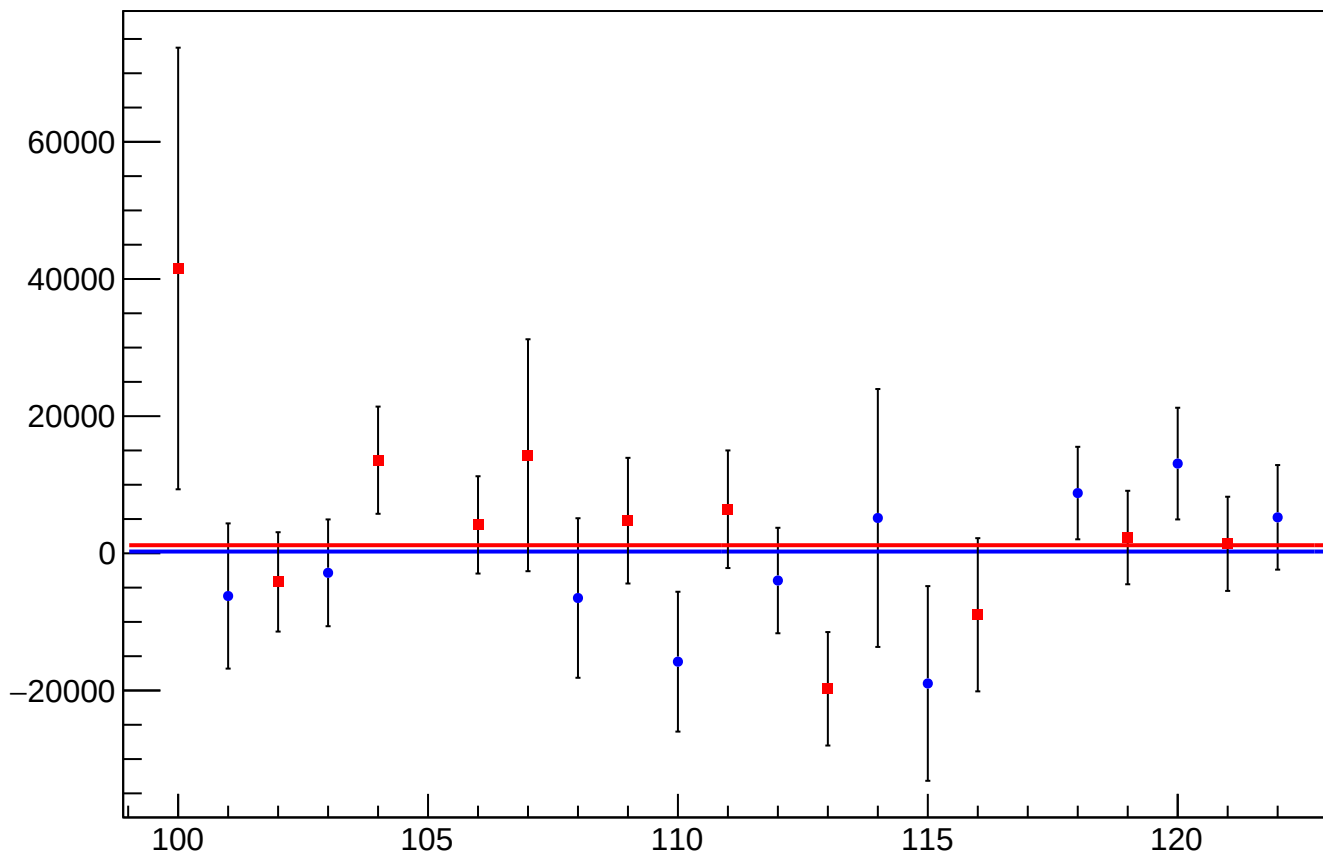
Right: 2001.198 $\pm$ 0.490 χ^2 /NDF: 182329.6/20

In: 2002.045 $\pm$ 0.709 χ^2 /NDF:127952.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2001.198 $\pm$ 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

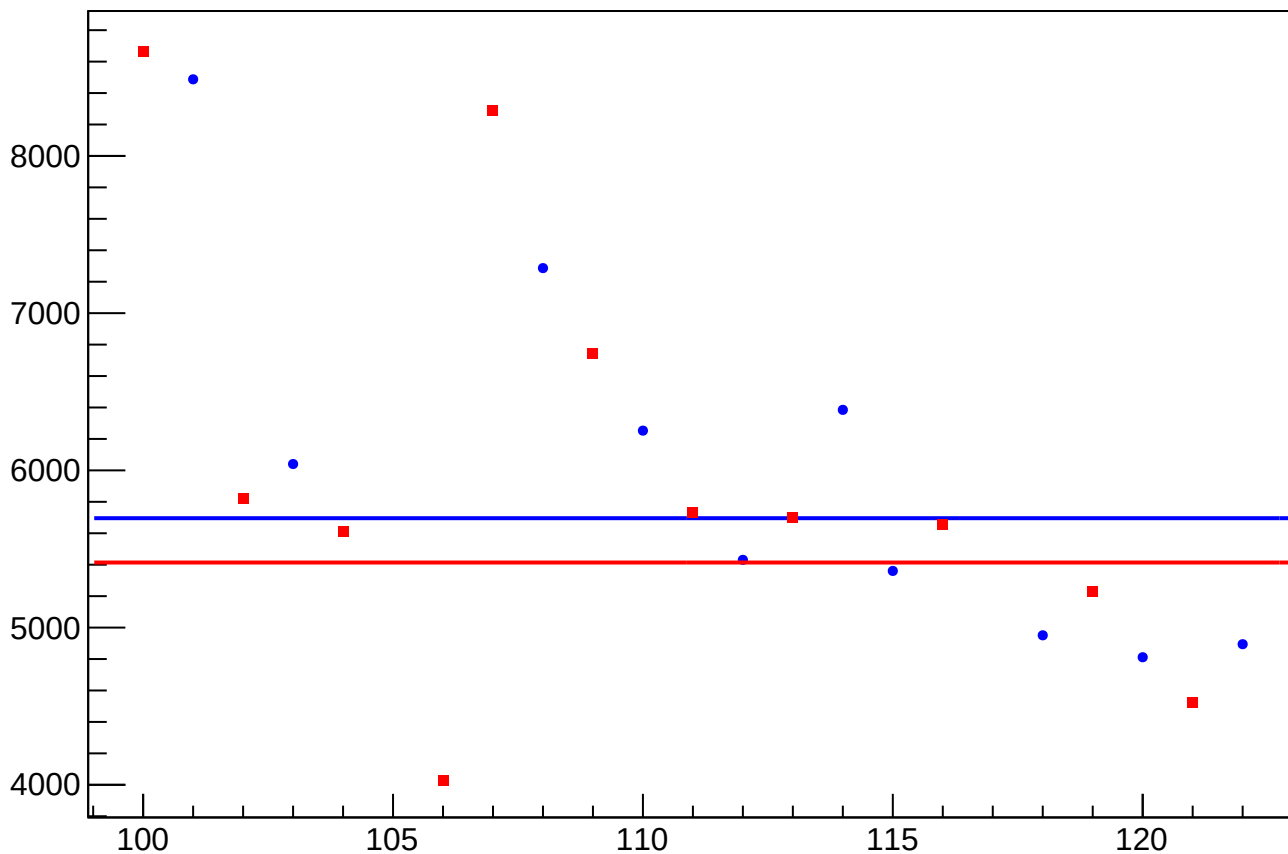
Right: 771.385+/-1917.319 χ^2/NDF : 23.3/20

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

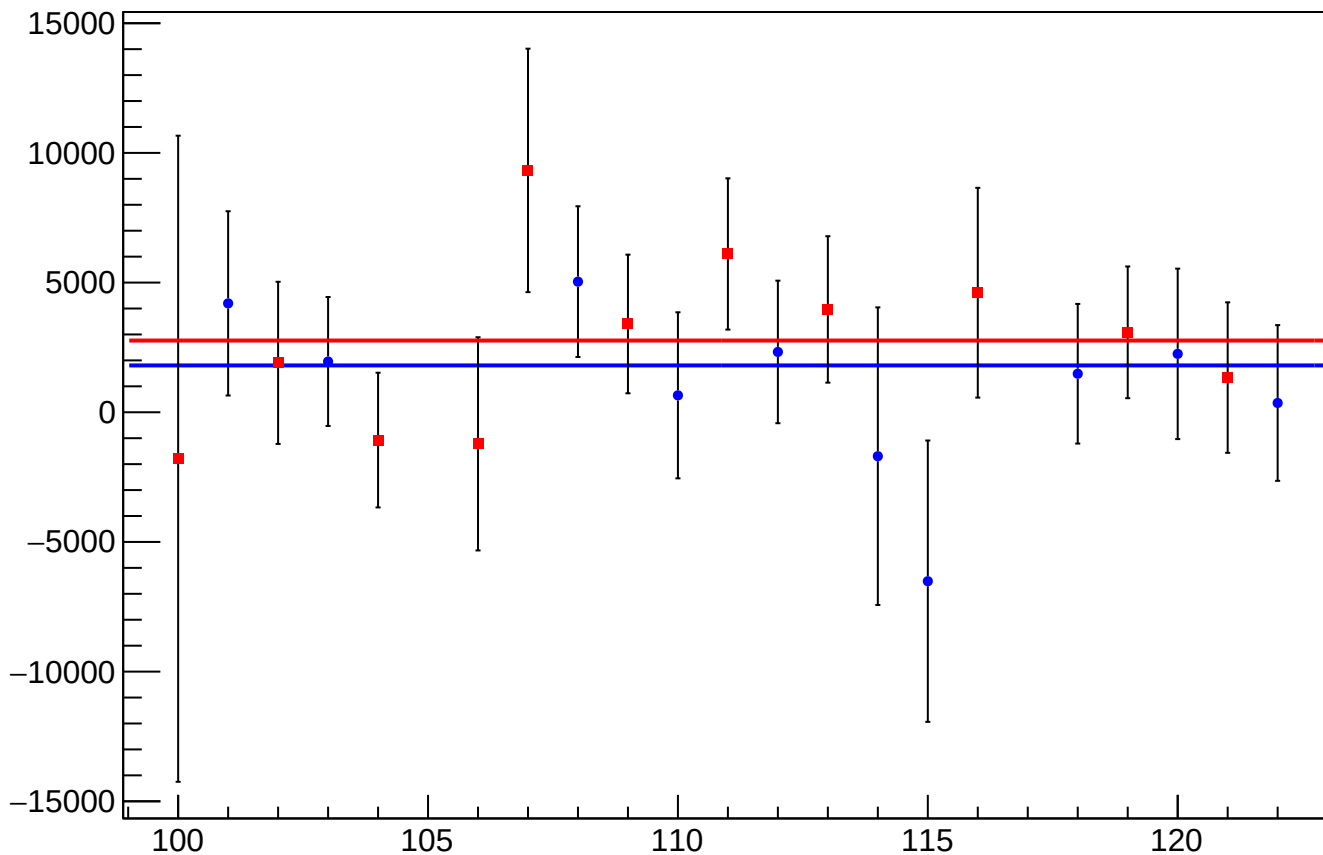
Right: 5539.726+/-1.356 χ^2/NDF : 518512.6/20

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

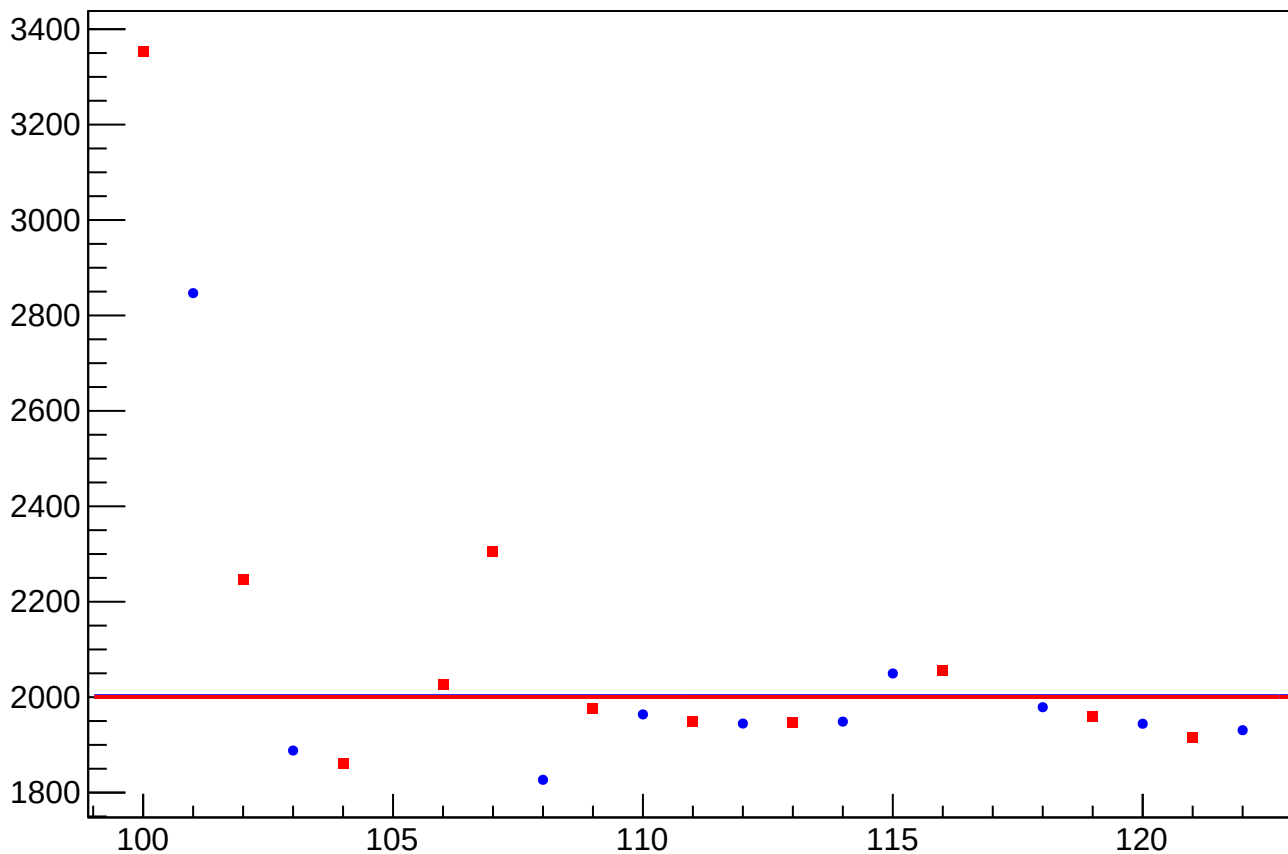
Right: 2305.220+/-694.176 χ^2/NDF : 12.6/20

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

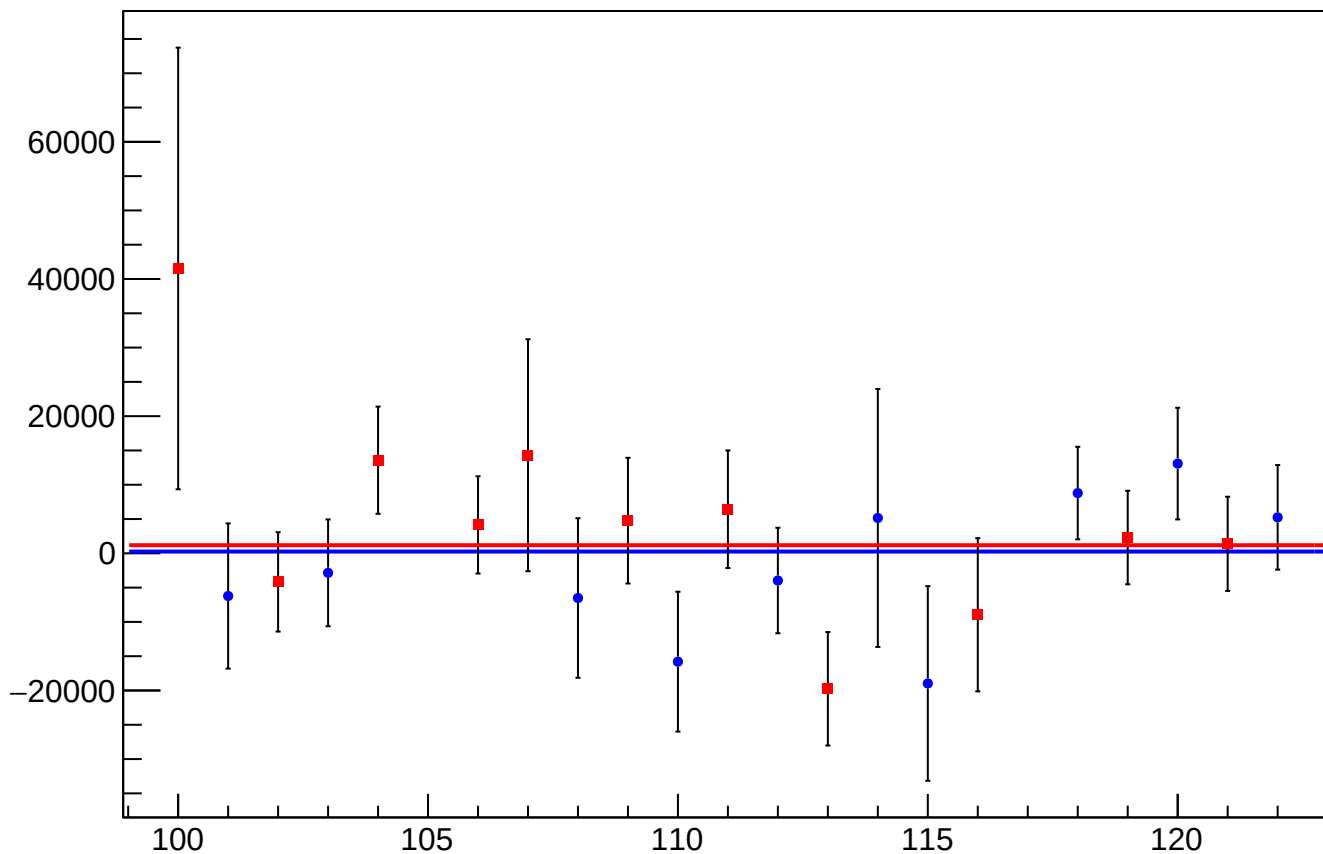
Right: 2001.198+/-0.490 χ^2/NDF : 182329.3/20

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

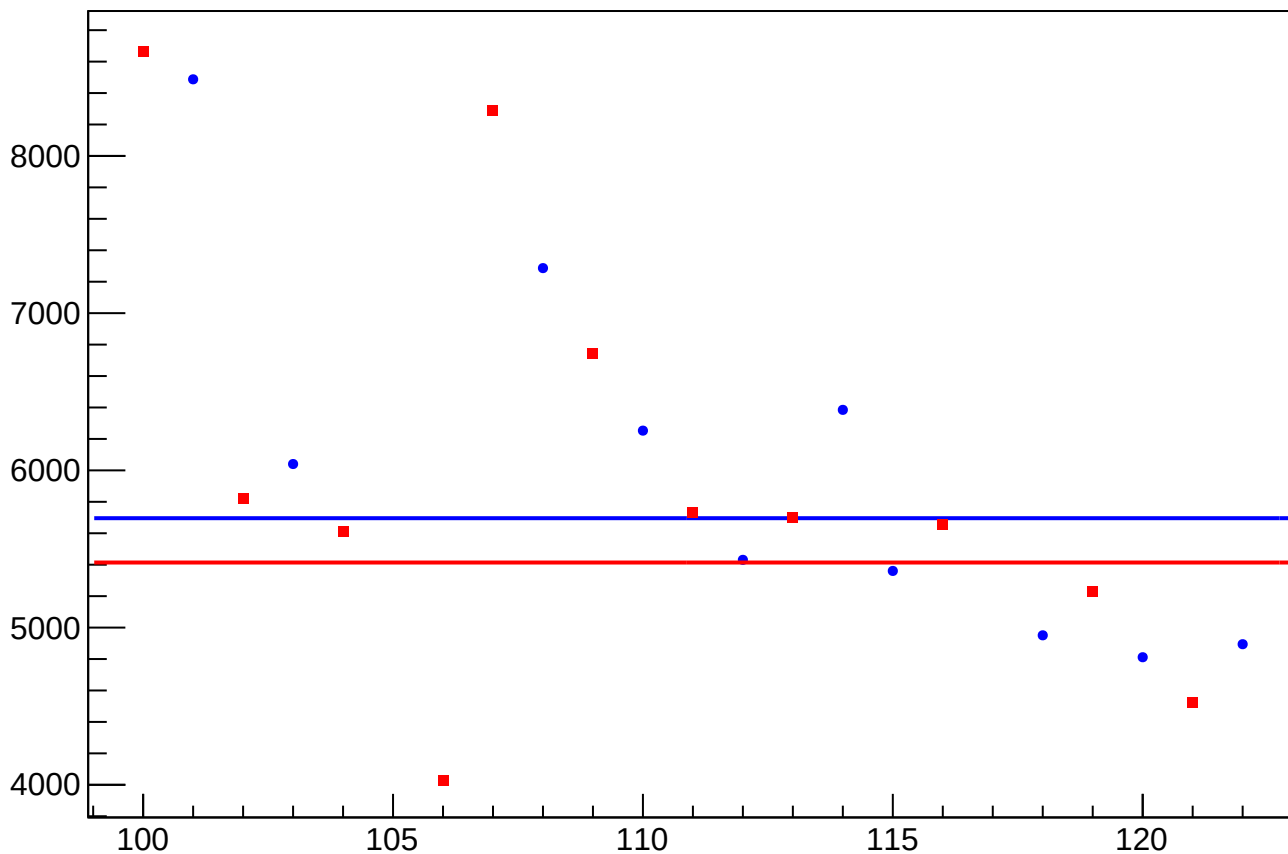
Right: 771.389+/-1917.312 χ^2/NDF : 23.3/20

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

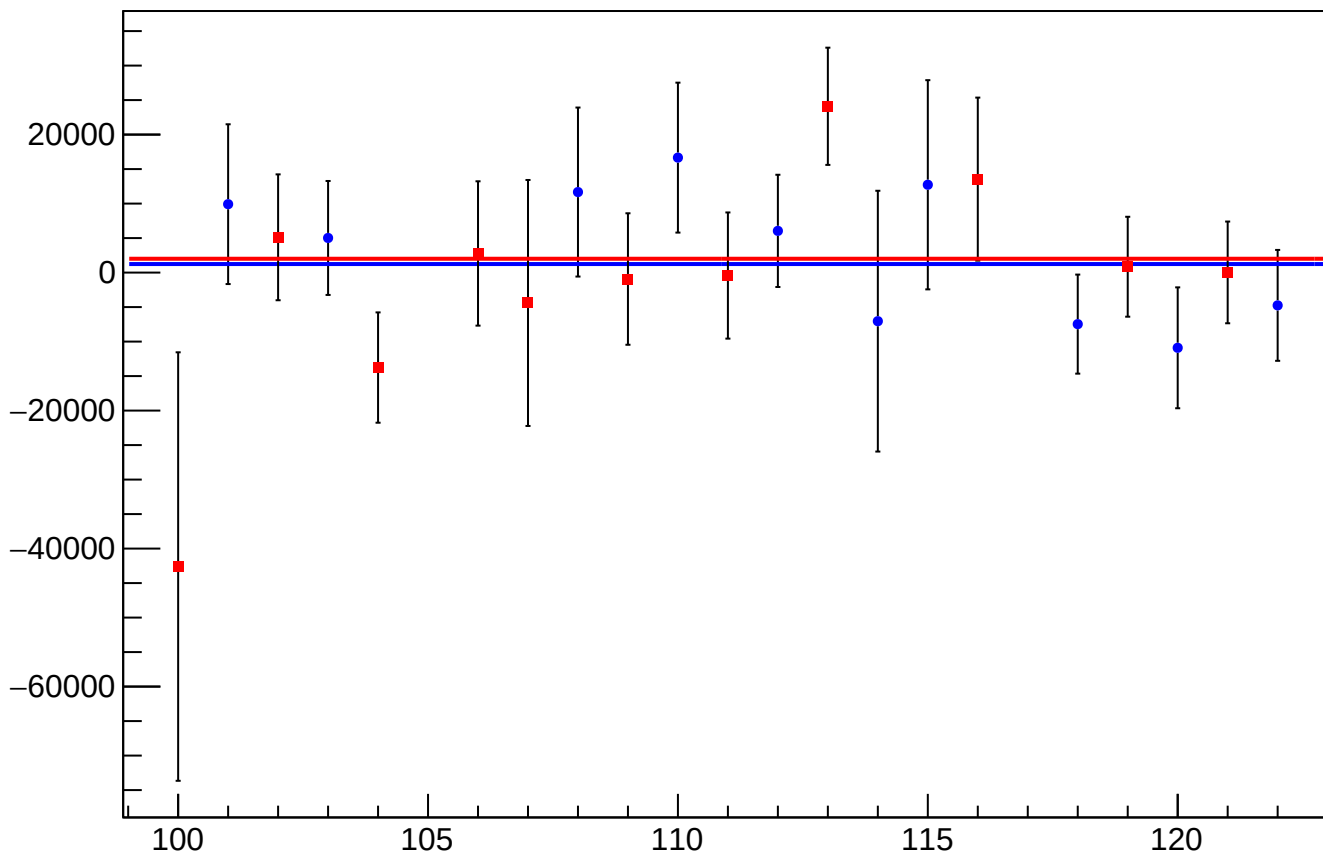
Right: 5539.707+/-1.356 χ^2/NDF : 518517.0/20

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: 2005.613+/-2857.506 χ^2/NDF : 14.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

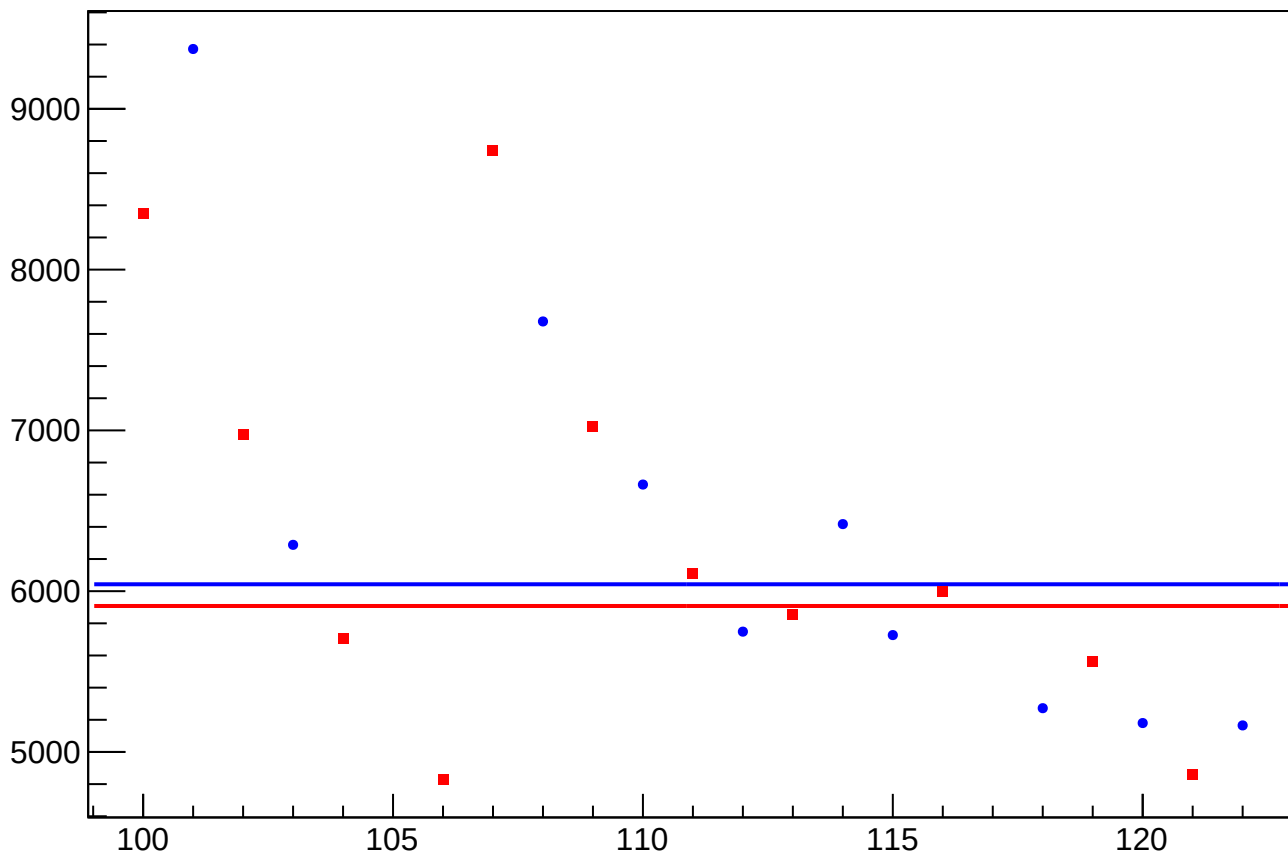
Right: 1646.355+/-2085.460 χ^2/NDF : 22.8/20

In: 1236.926+/-3050.519 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1646.355+/-2085.460 χ^2/NDF : 22.8/20

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: 5907.866+/-2.021 χ^2/NDF : 186458.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

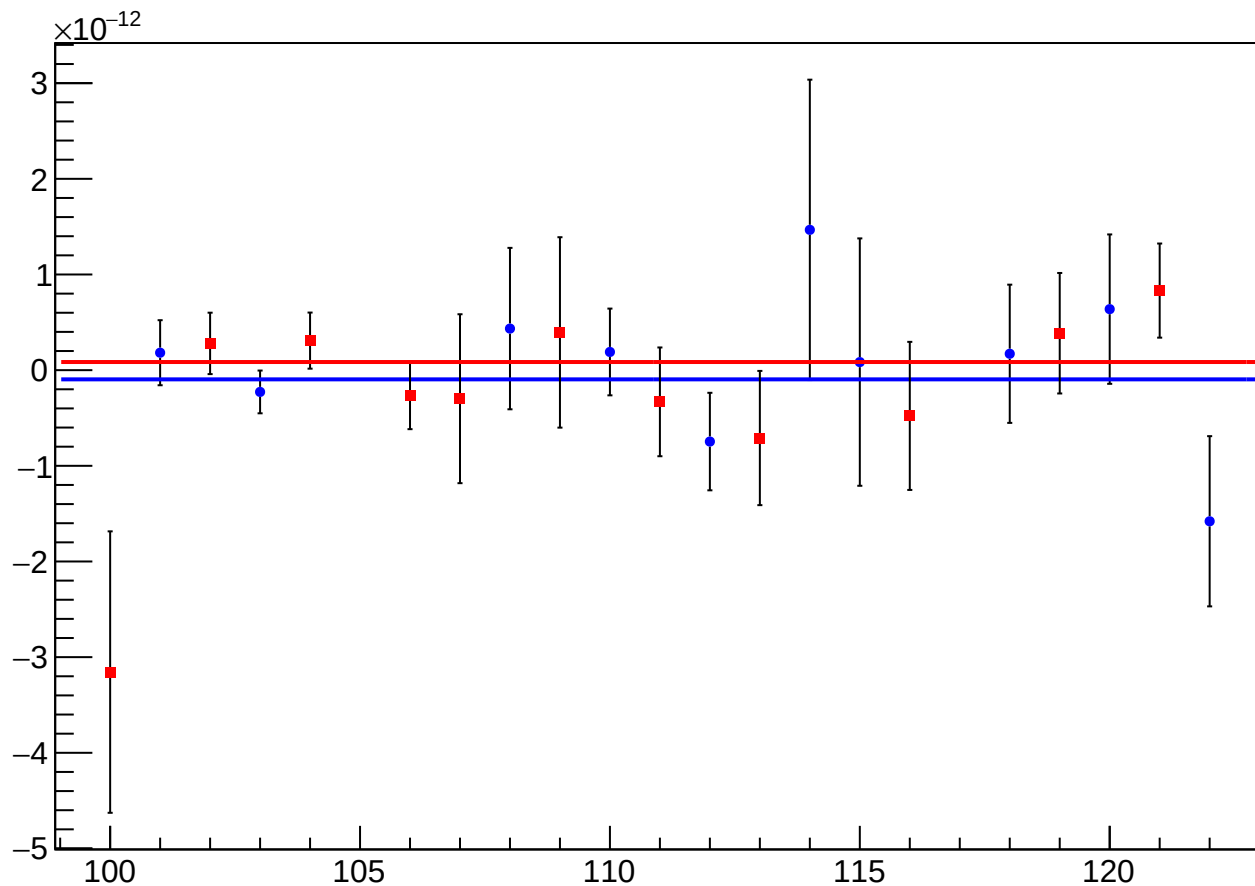
Right: 5970.992+/-1.475 χ^2/NDF : 468445.7/20

In: 6042.935+/-2.157 χ^2/NDF : 279898.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5970.992+/-1.475 χ^2/NDF : 468445.7/20

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 : 12.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

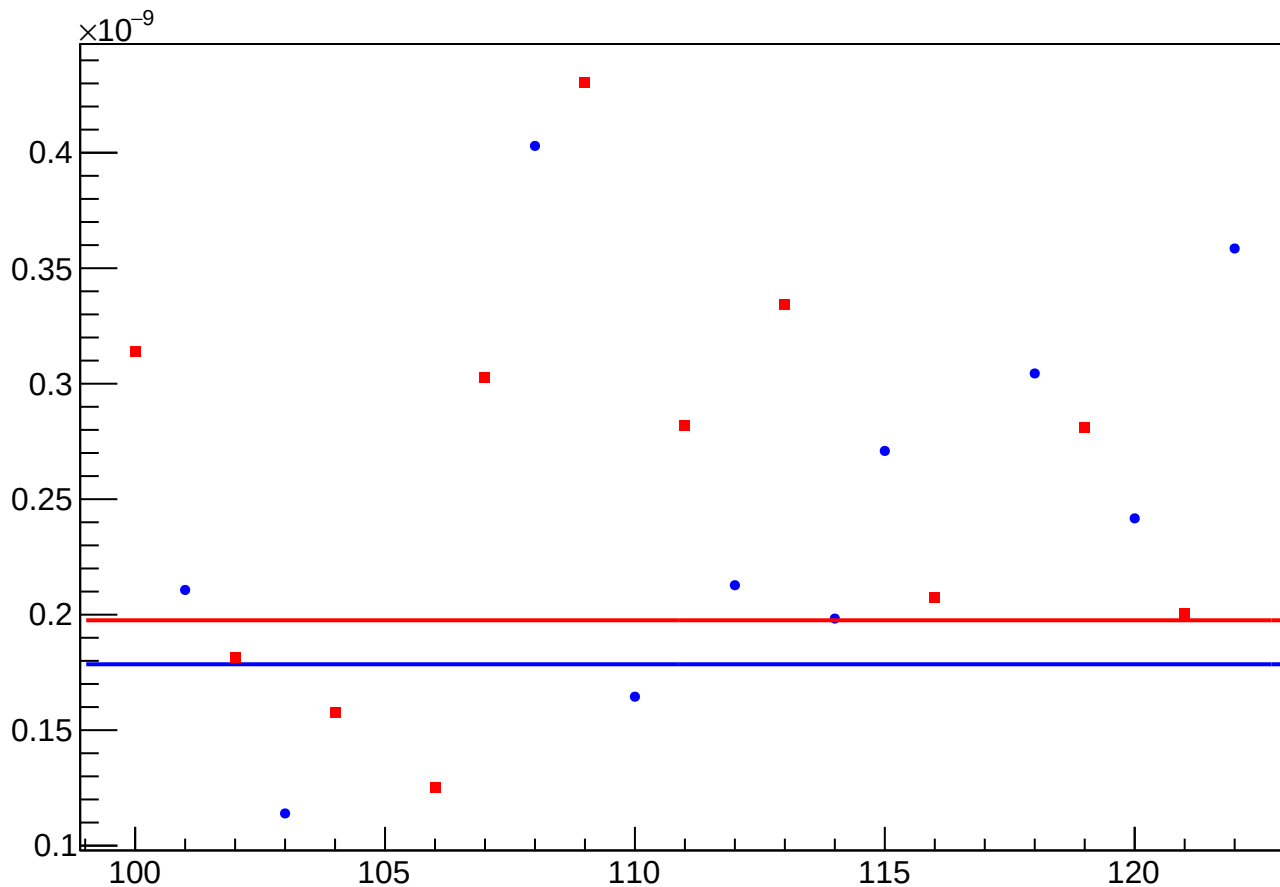
Right: -0.000+/-0.000 χ^2/NDF : 20.9/20

In: -0.000+/-0.000 χ^2/NDF :8.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.9/20

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 : 432018.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

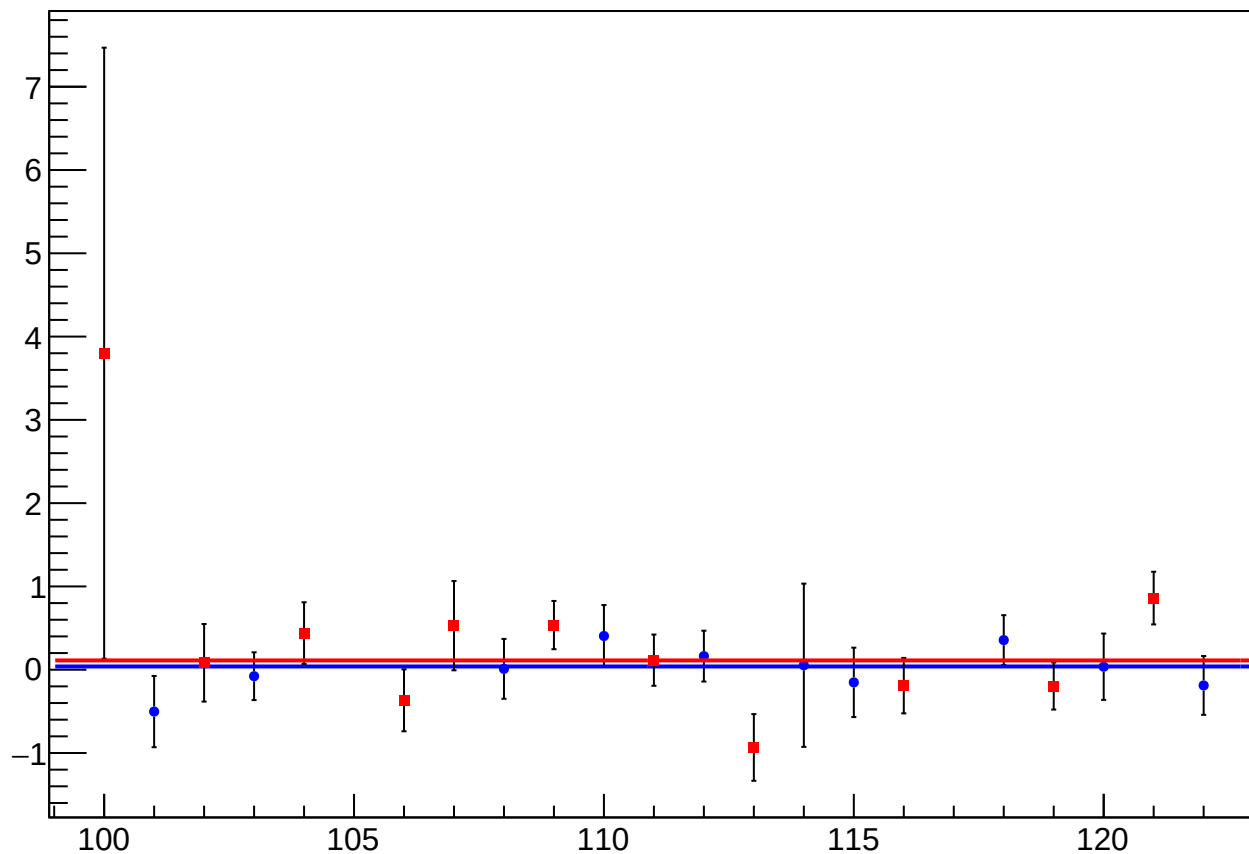
Right: 0.000+/-0.000 χ^2/NDF : 951967.5/20

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 : 951967.5/20

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039 $\pm$ 0.115 χ^2/NDF : 4.7/9

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

Right Out: 0.112 $\pm$ 0.110 χ^2/NDF : 20.6/10

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

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

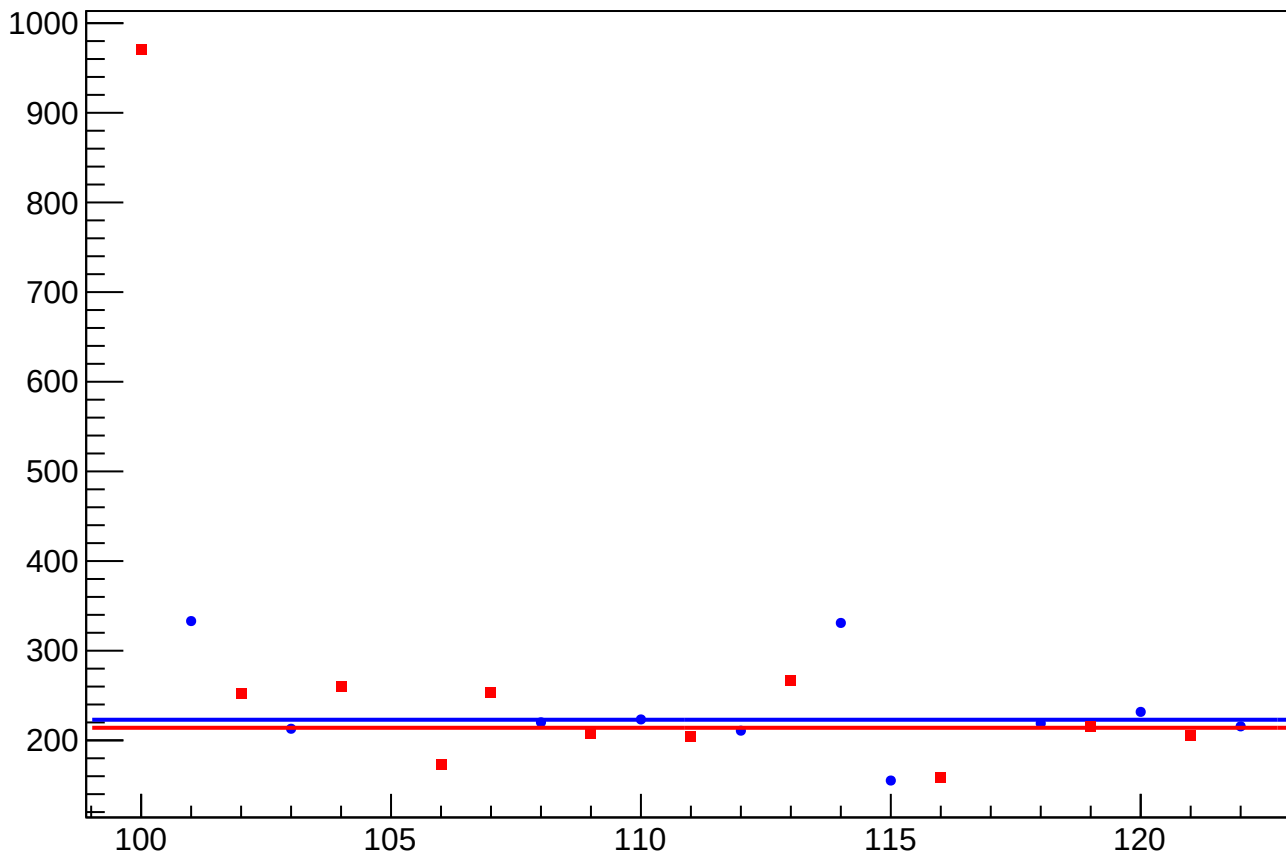
Right: 0.077 $\pm$ 0.079 χ^2/NDF : 25.5/20

In: 0.039 $\pm$ 0.115 χ^2/NDF : 4.7/9

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

All: 0.077 $\pm$ 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

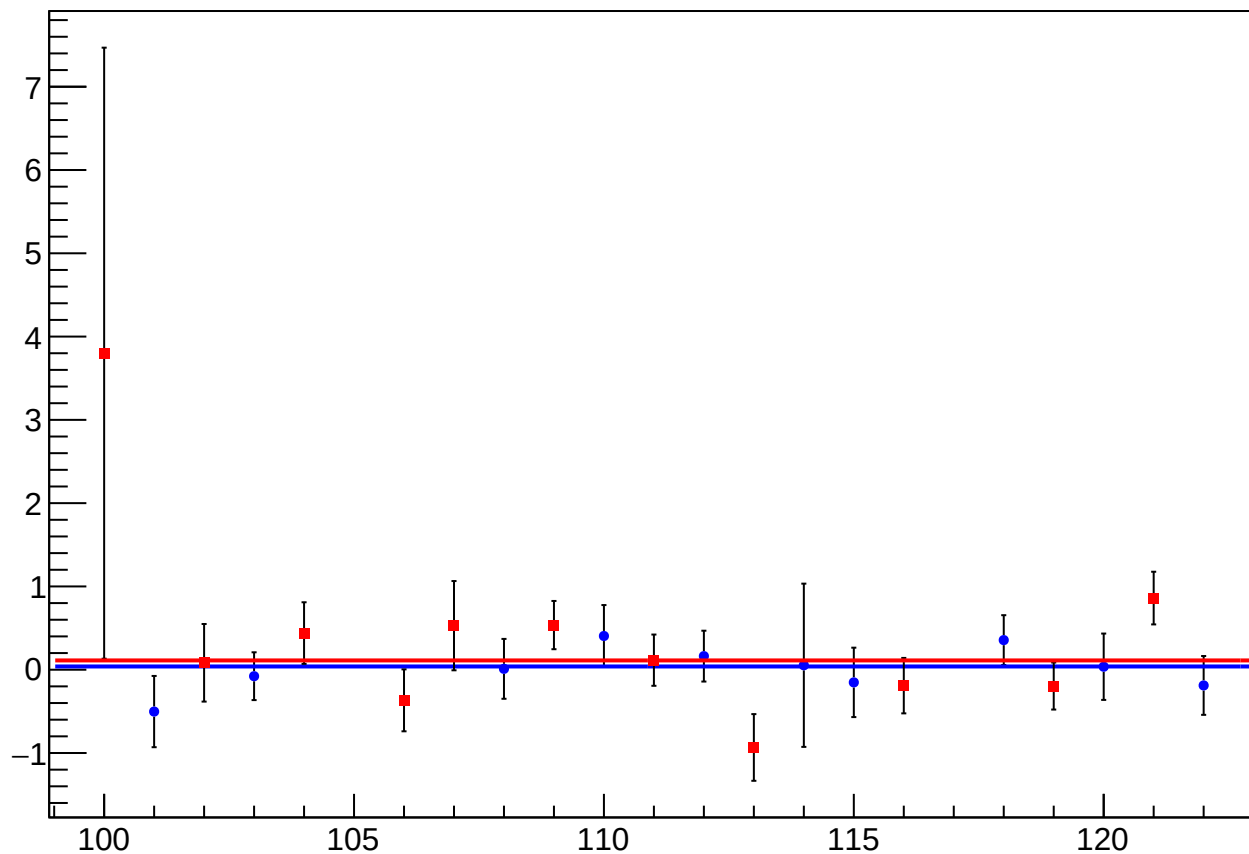
Right: 218.302+/-0.056 χ^2/NDF : 481704.2/20

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

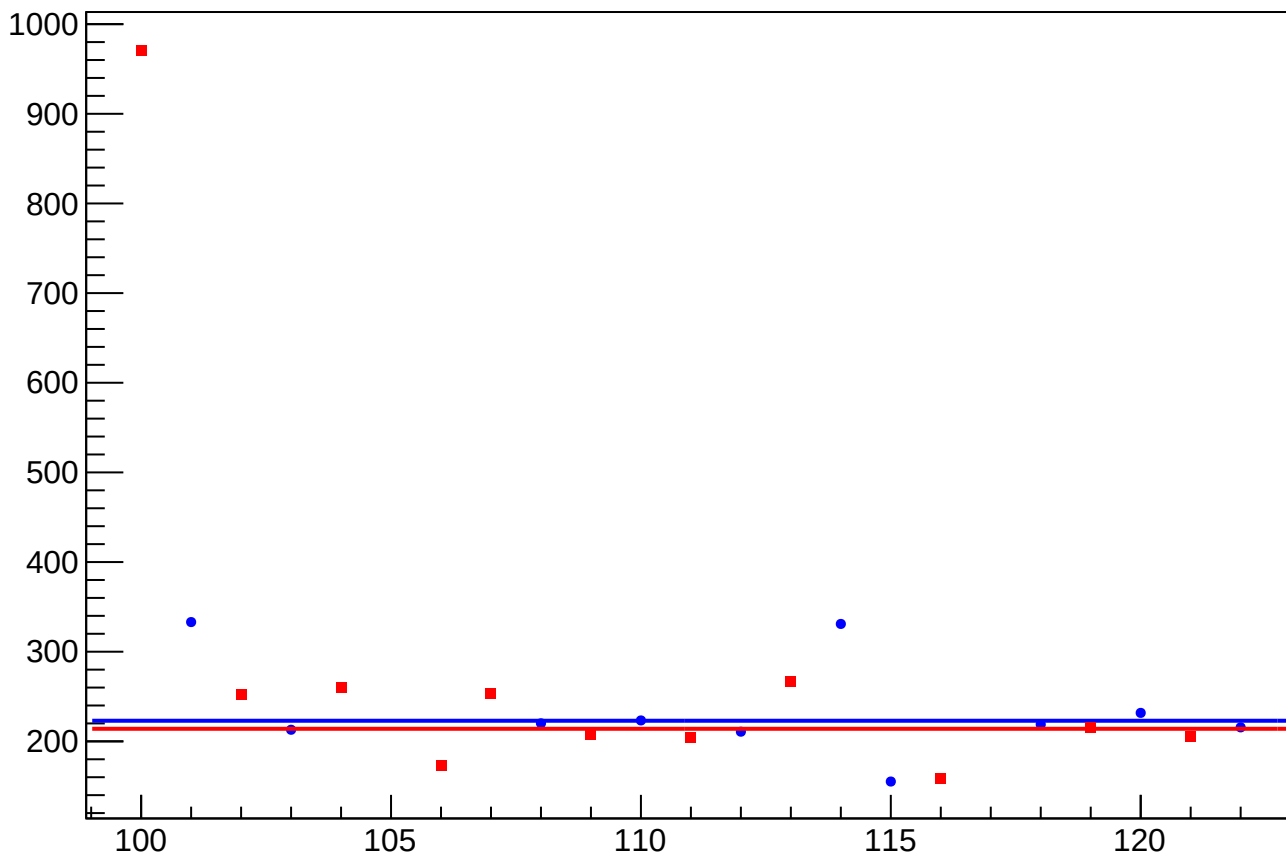
Right: 0.077+/-0.079 χ^2/NDF : 25.5/20

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

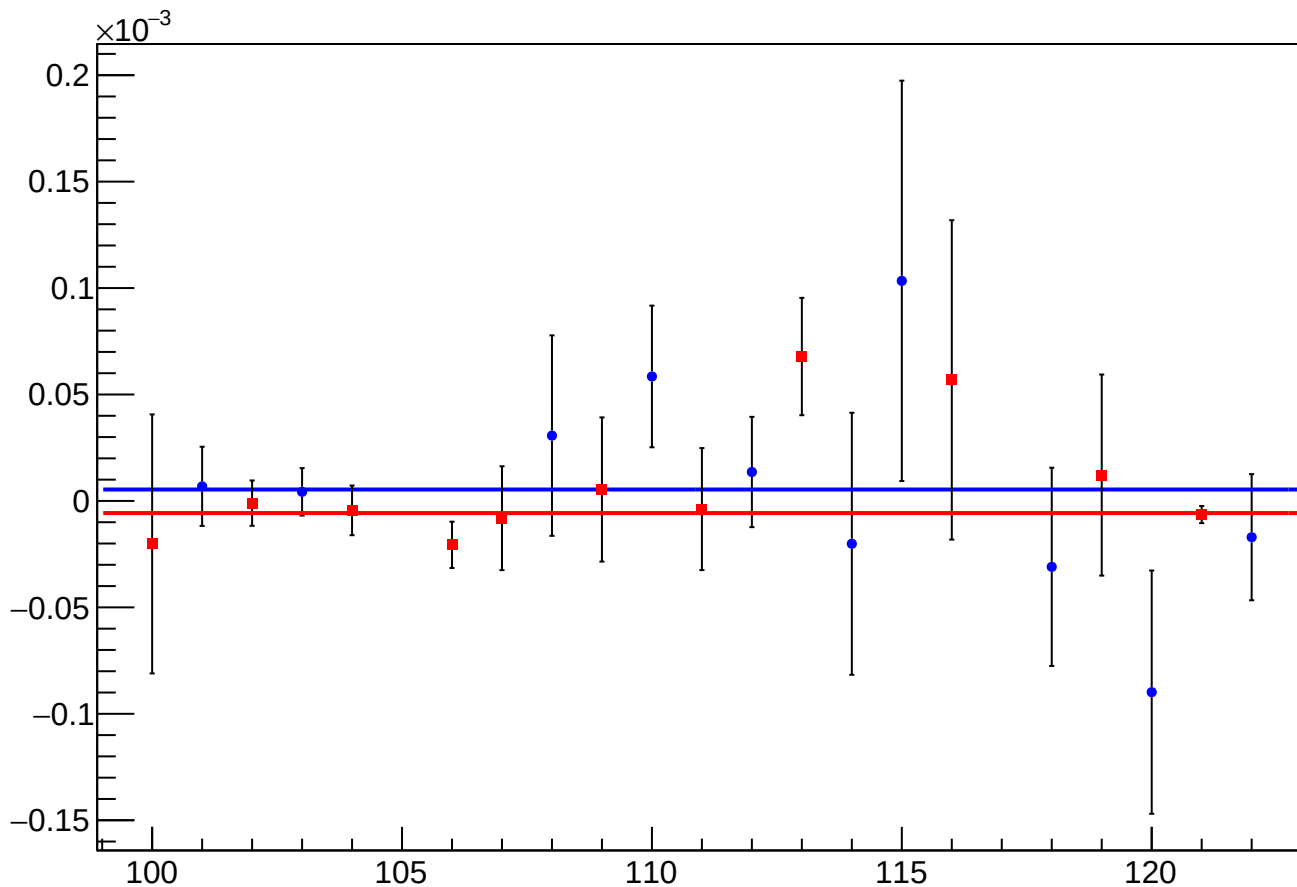
Right: 218.302+/-0.056 χ^2/NDF : 481704.2/20

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

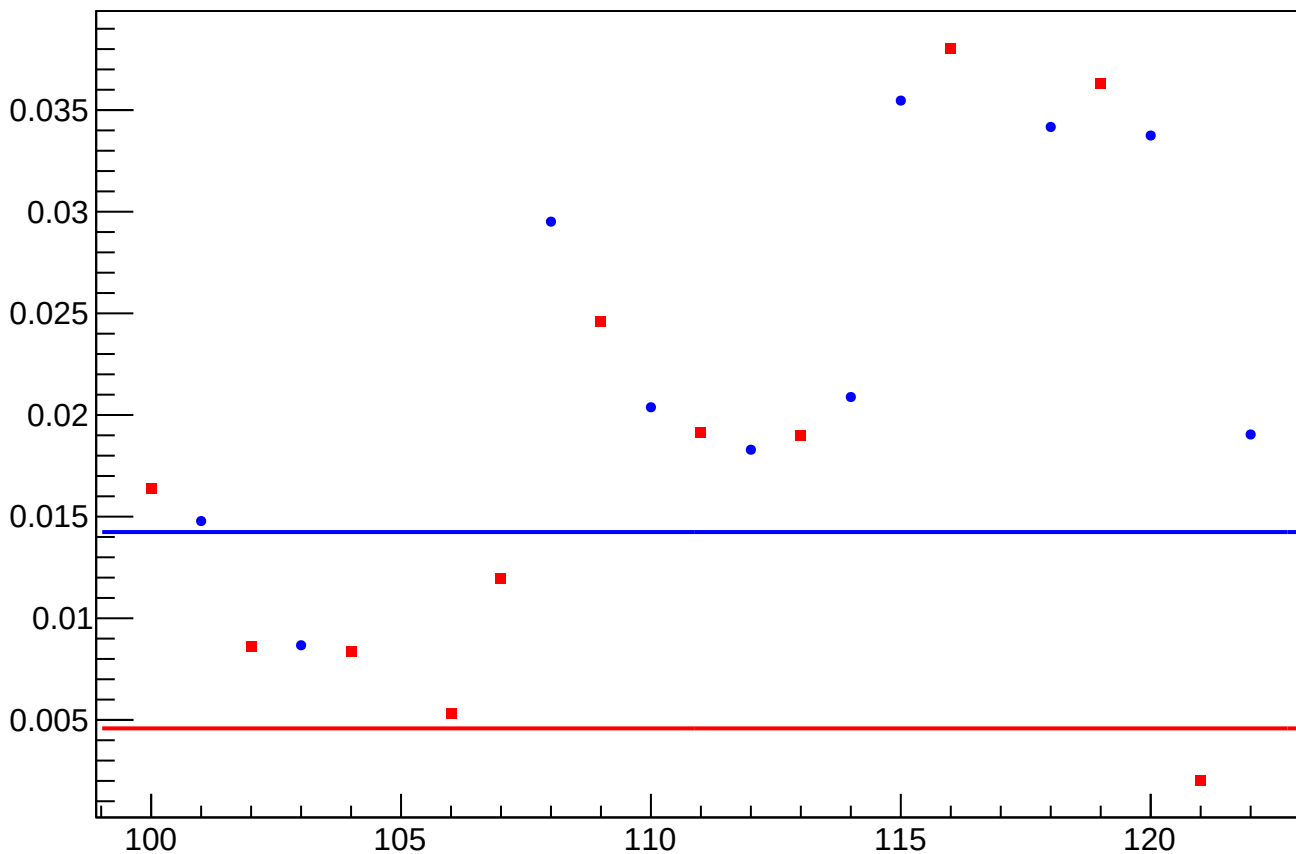
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.1/20

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

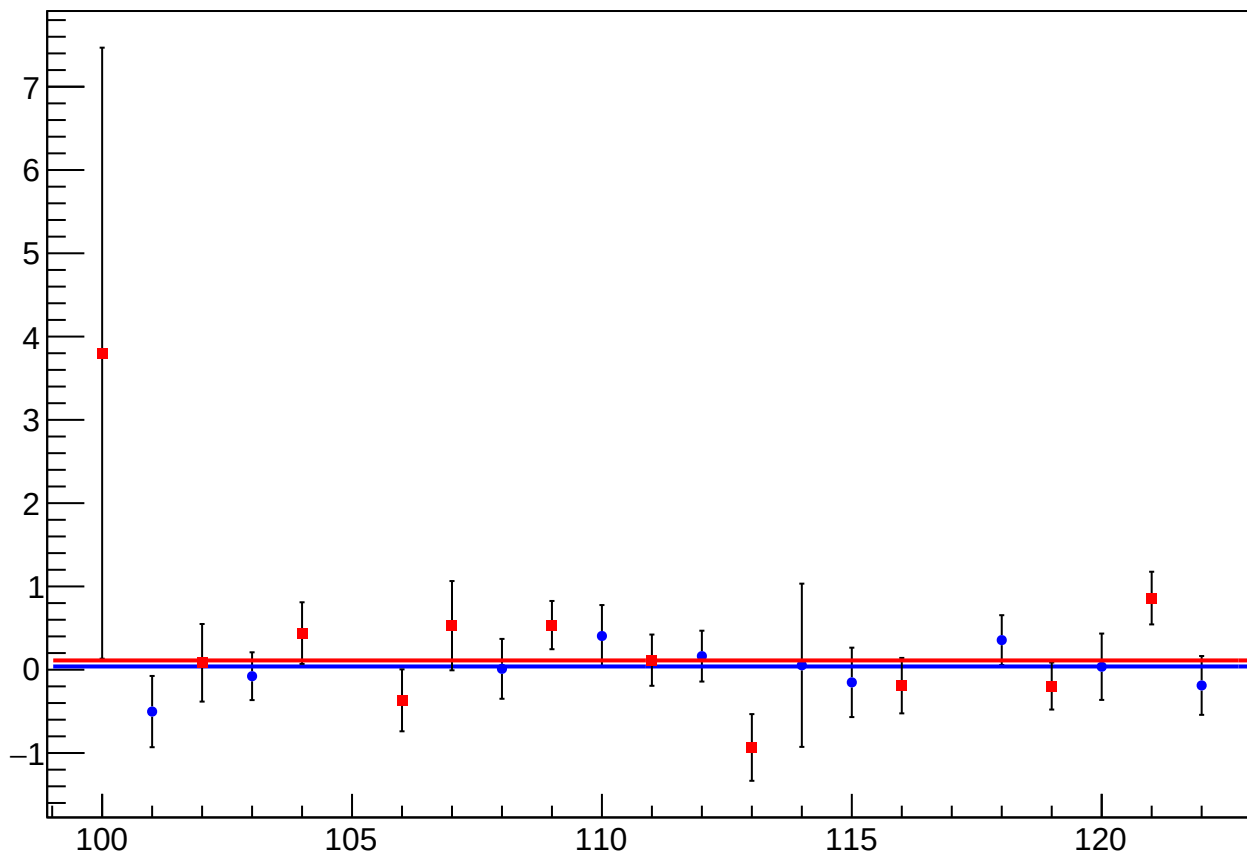
Right: 0.006+/-0.000 χ^2/NDF : 8802666.8/20

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

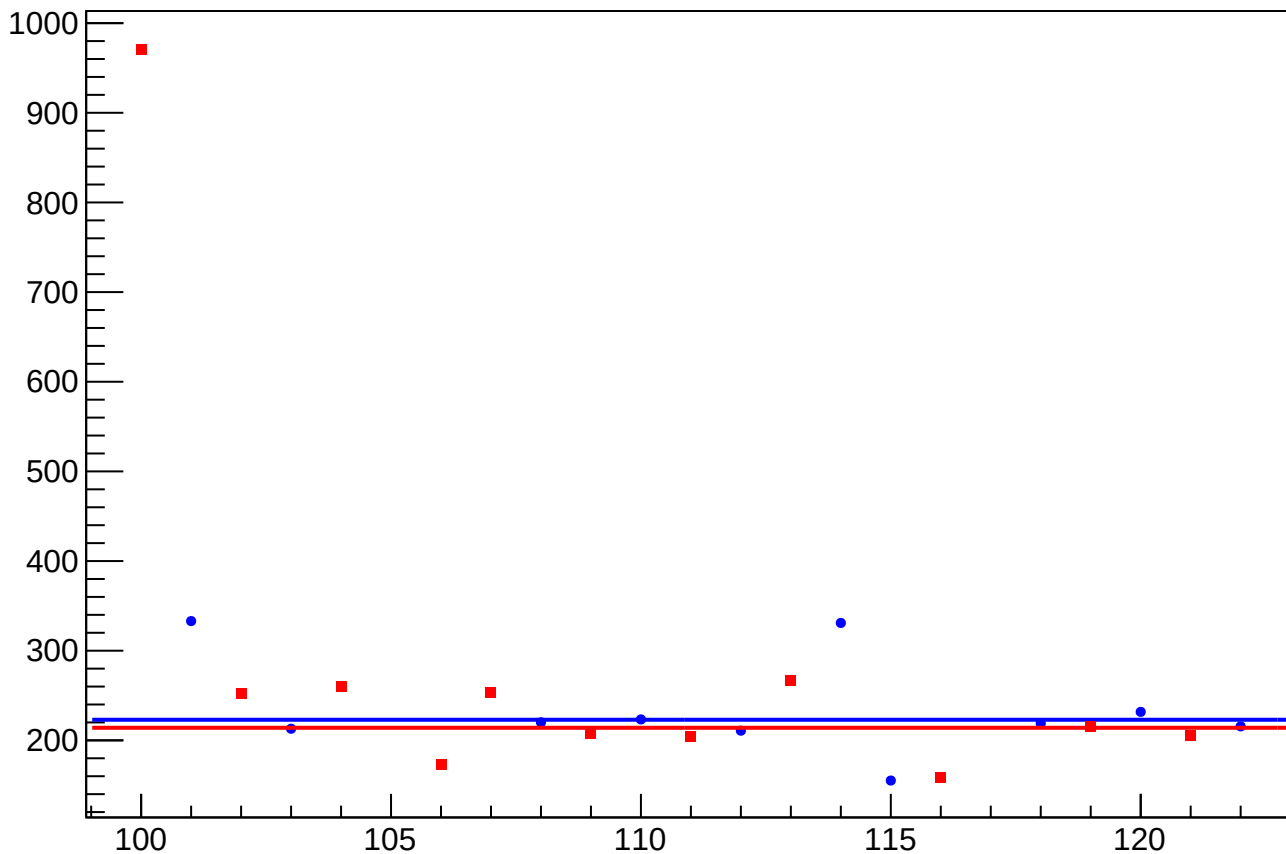
Right: 0.077+/-0.079 χ^2/NDF : 25.5/20

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

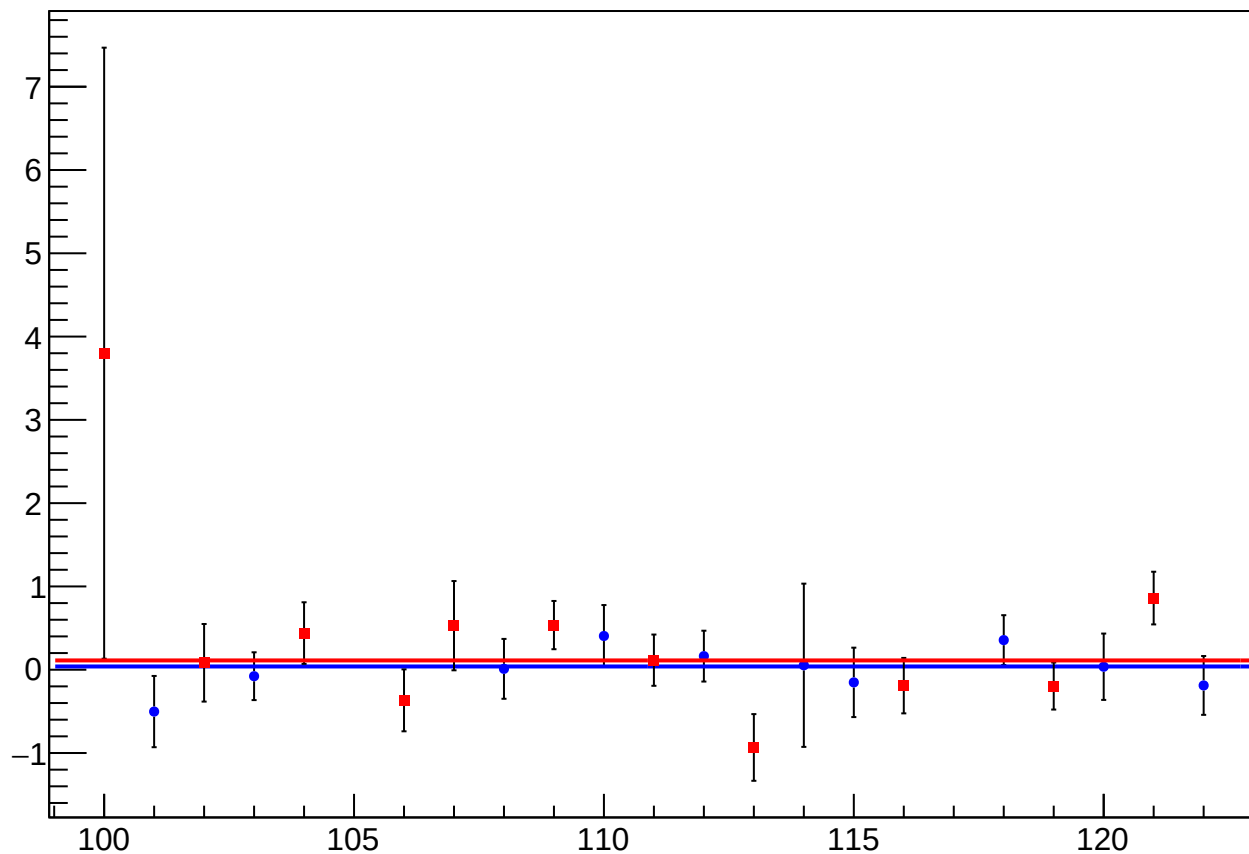
Right: 218.305+/-0.056 χ^2/NDF : 481643.2/20

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

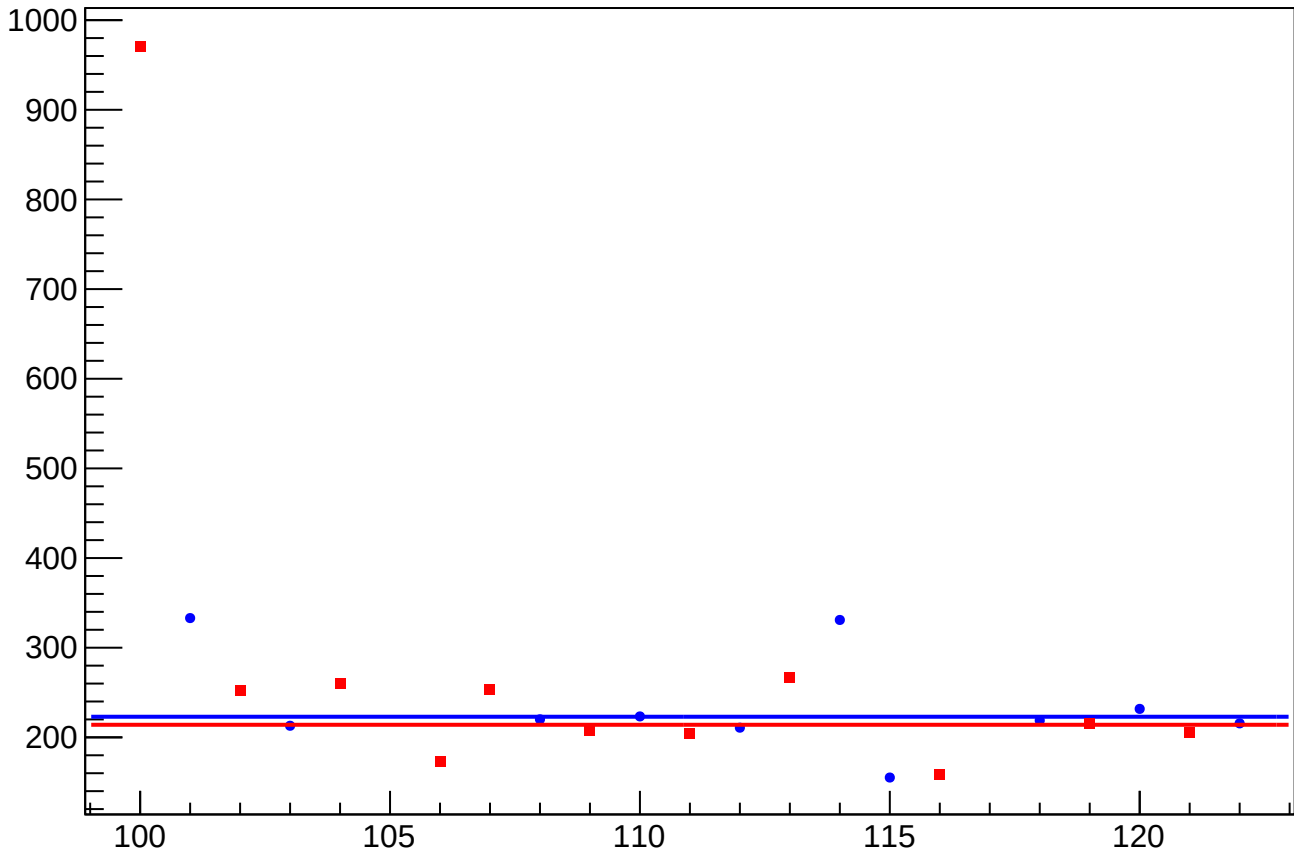
Right: 0.077+/-0.079 χ^2/NDF : 25.5/20

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

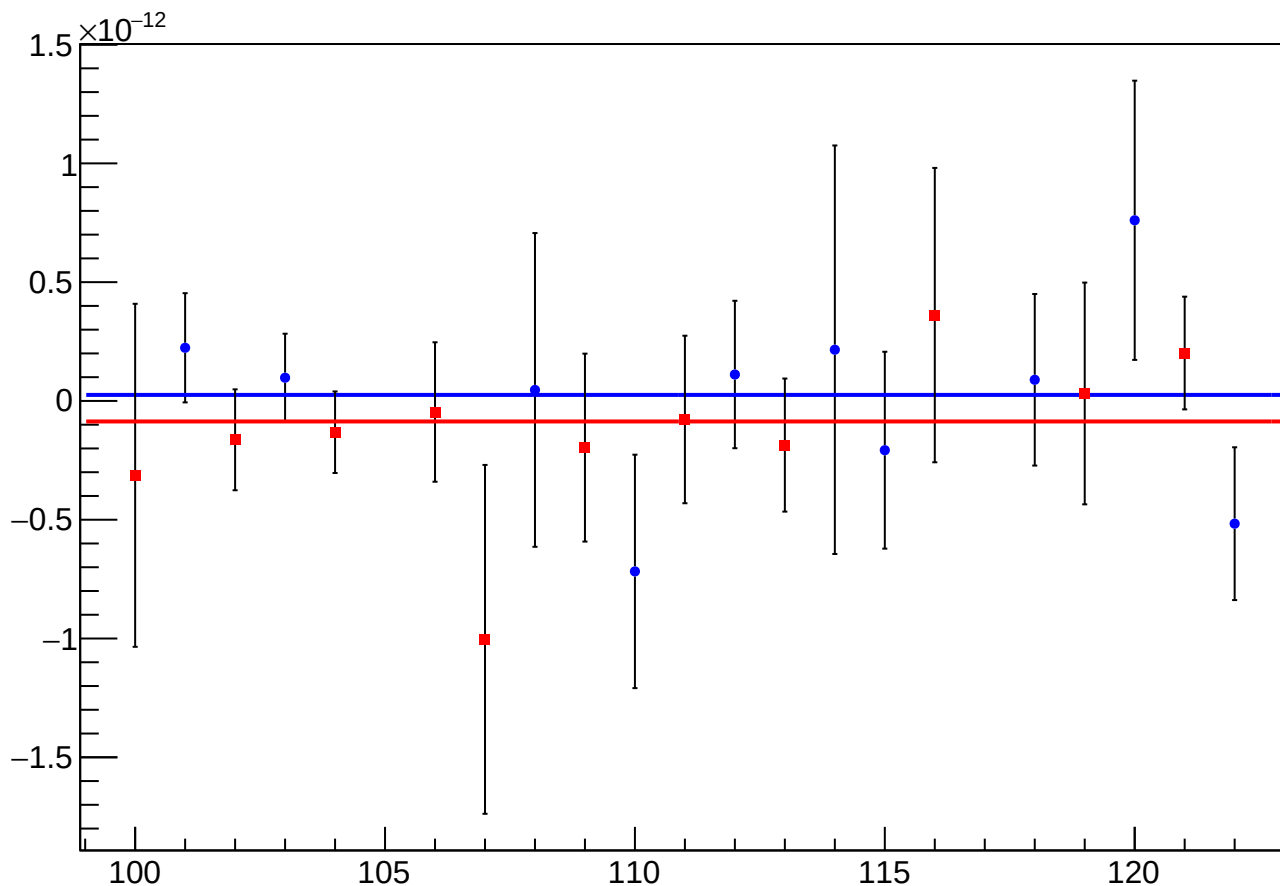
Right: 218.305+/-0.056 χ^2/NDF : 481643.2/20

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 : 4.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

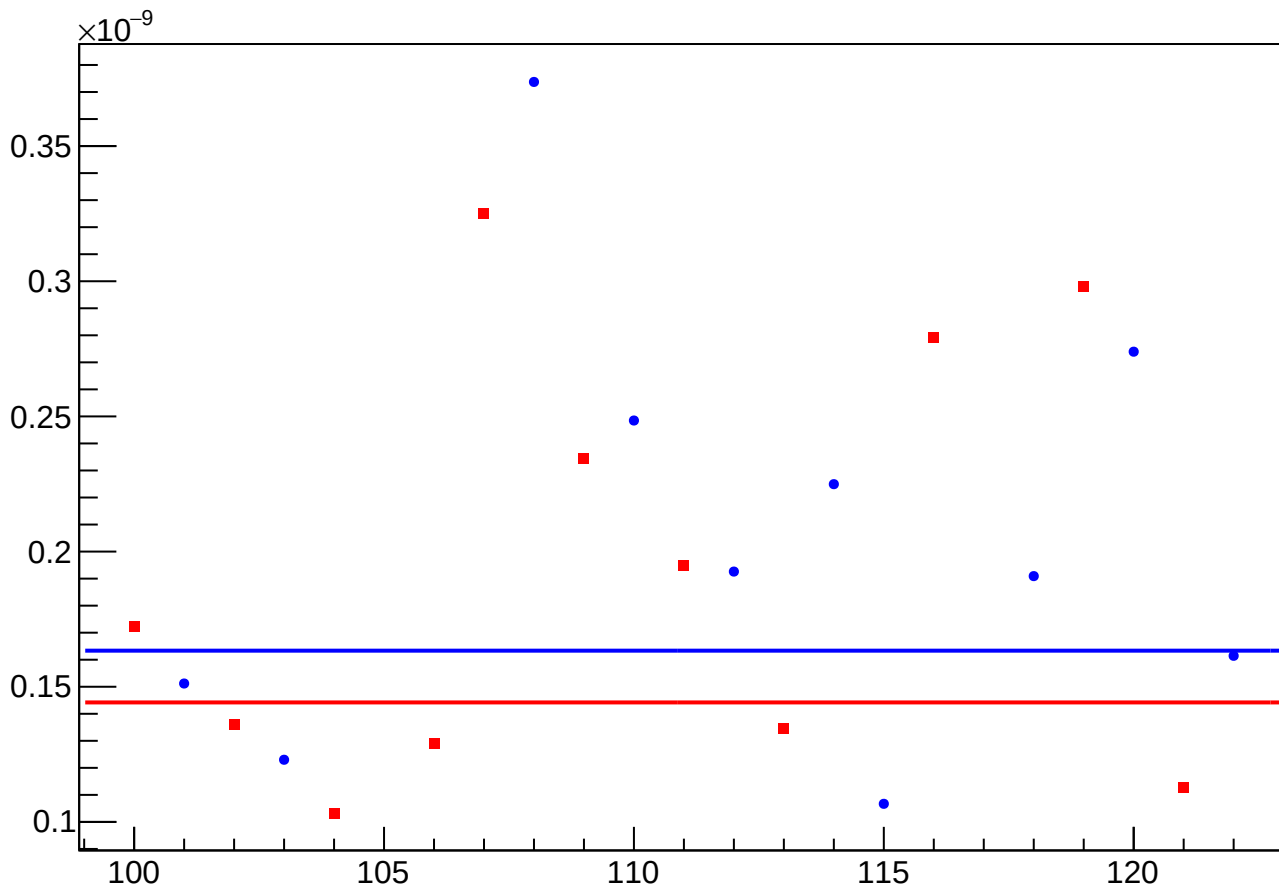
Right: -0.000+/-0.000 χ^2/NDF : 12.9/20

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 : 12.9/20

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 : 742276.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

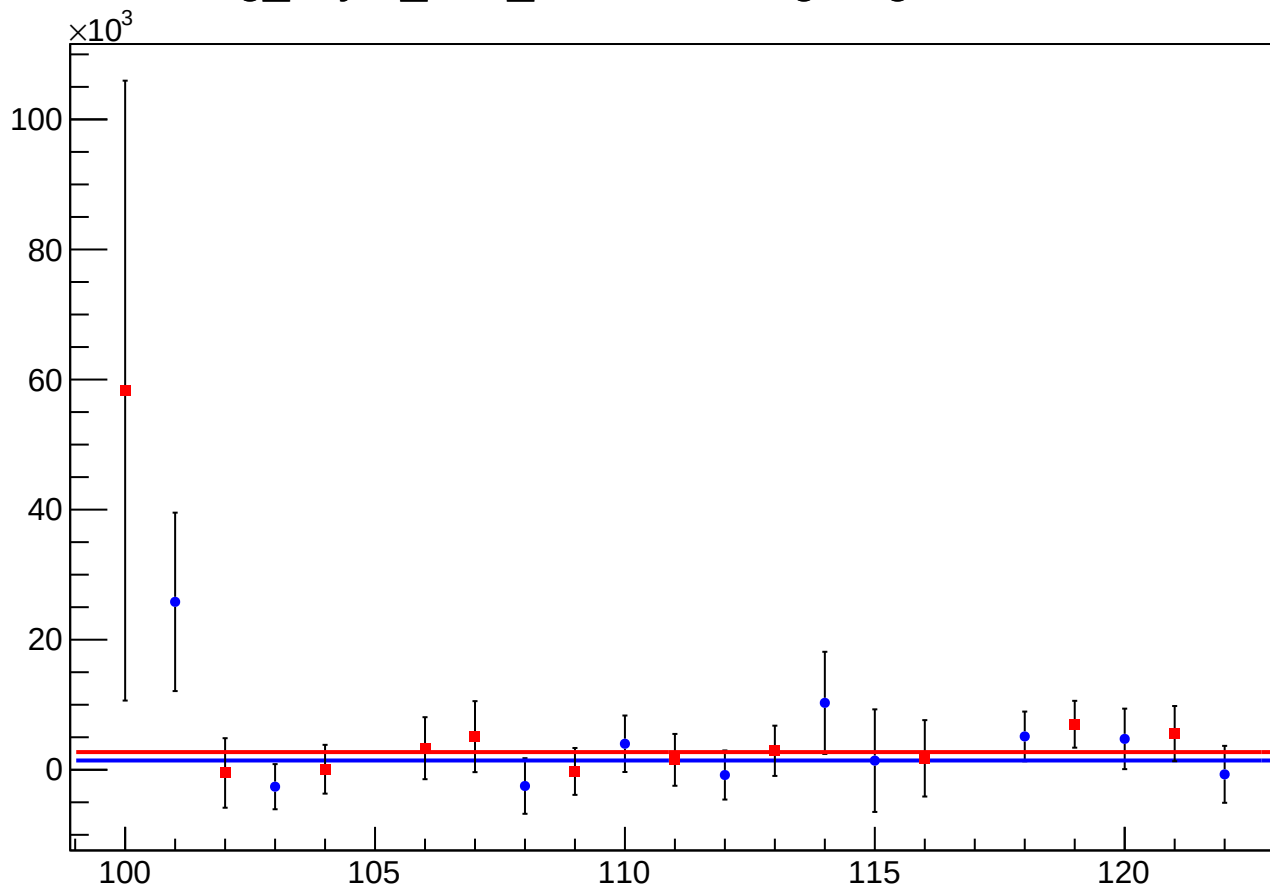
Right: 0.000+/-0.000 χ^2/NDF : 1292571.2/20

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 : 1292571.2/20

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: 2720.907+/-1345.164 χ^2/NDF : 5.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

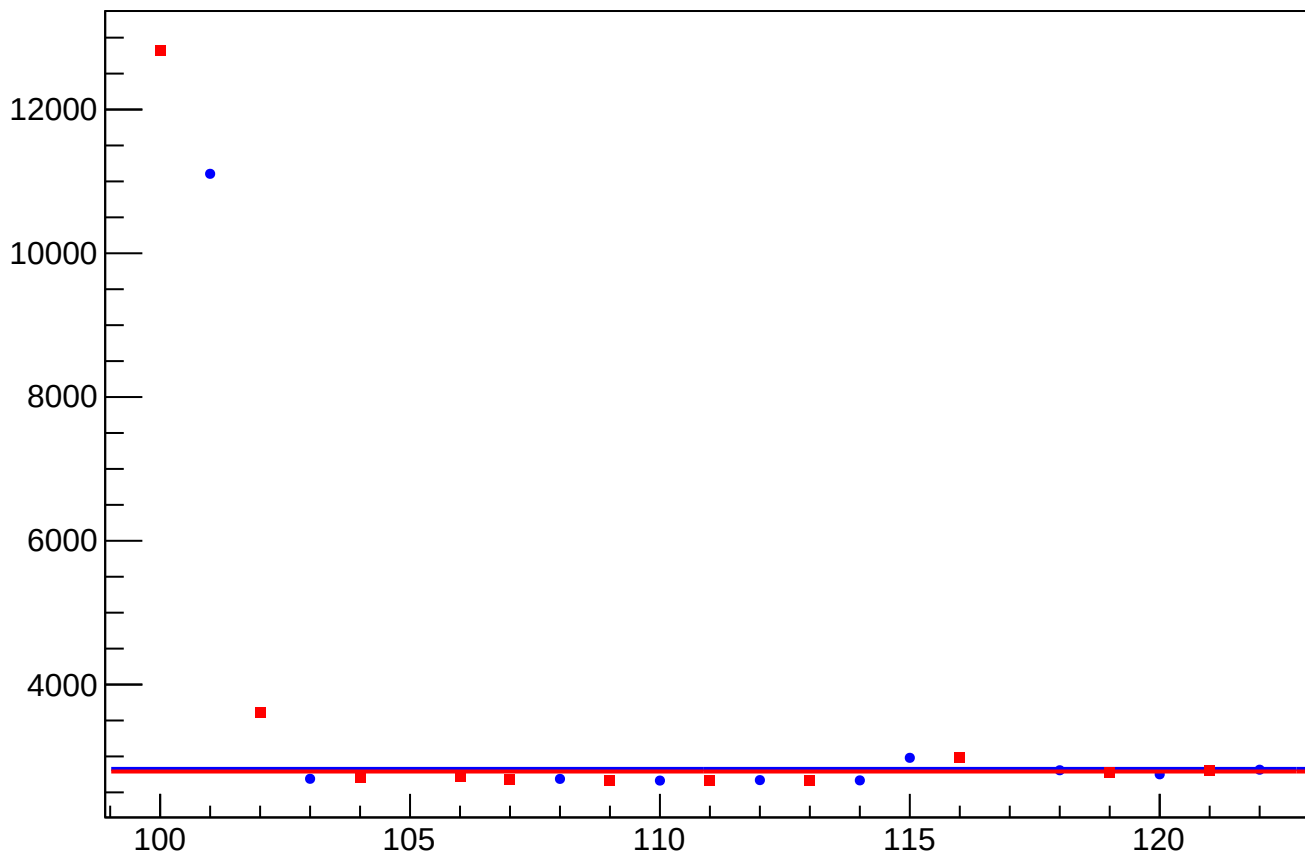
Right: 2130.097+/-991.020 χ^2/NDF : 14.5/20

In: 1428.759+/-1465.598 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2130.097+/-991.020 χ^2/NDF : 14.5/20

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: 2790.077+/-0.951 χ^2/NDF : 146246.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

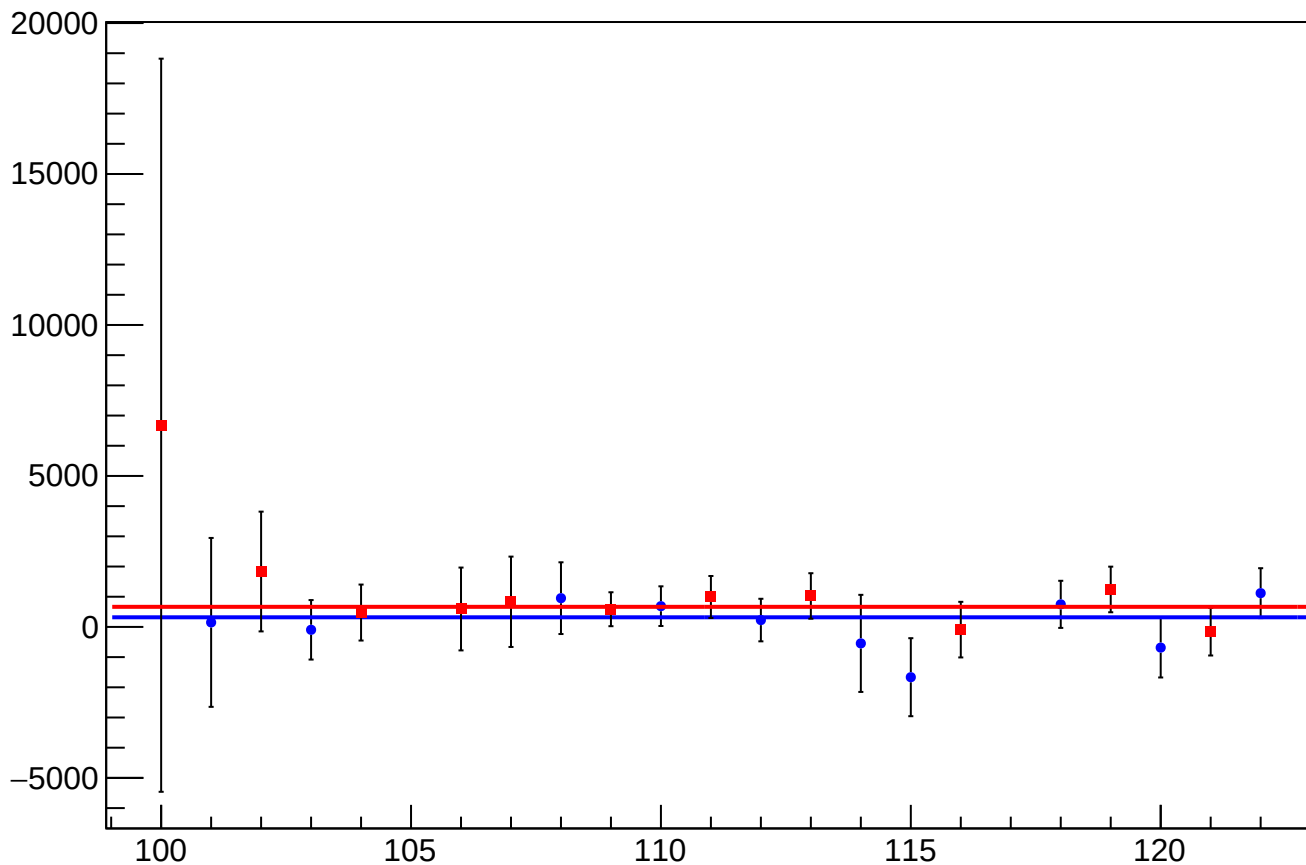
Right: 2806.702+/-0.701 χ^2/NDF : 889227.8/20

In: 2826.437+/-1.036 χ^2/NDF : 742312.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2806.702+/-0.701 χ^2/NDF : 889227.8/20

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: 665.394+/-267.783 χ^2/NDF : 3.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

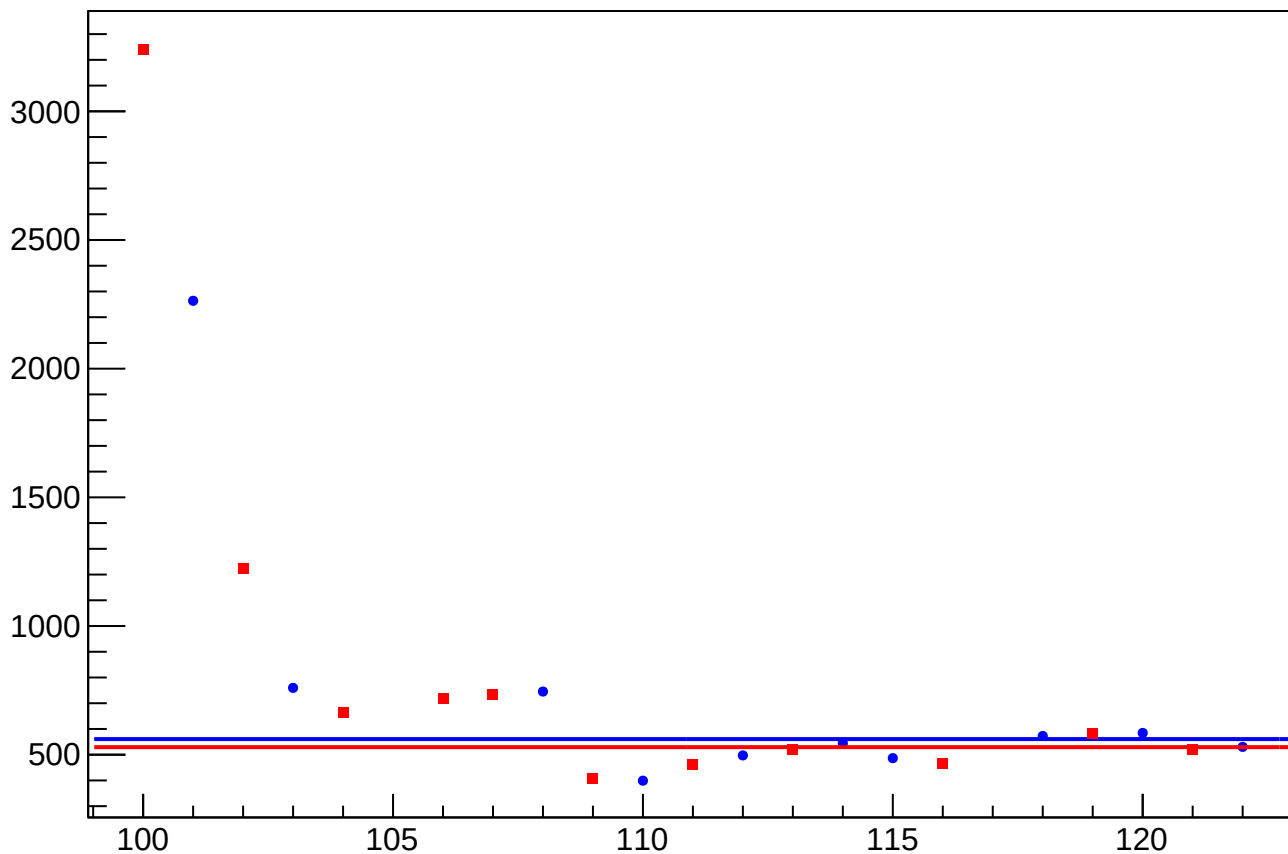
Right: 510.147+/-198.966 χ^2/NDF : 9.9/20

In: 318.813+/-297.282 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.147+/-198.966 χ^2/NDF : 9.9/20

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: 529.350+/-0.189 χ^2/NDF : 596331.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

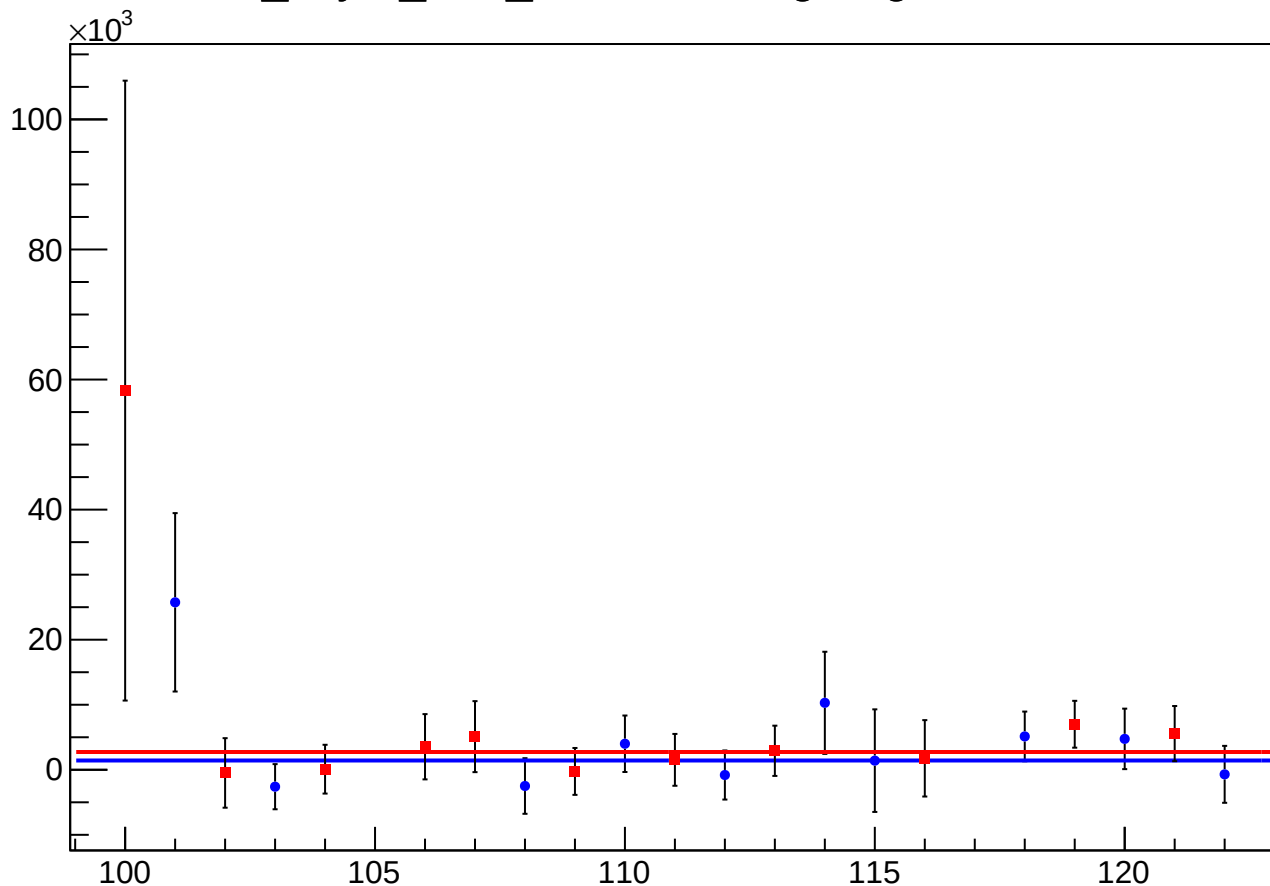
Right: 543.407+/-0.141 χ^2/NDF : 1628614.2/20

In: 560.731+/-0.210 χ^2/NDF : 1019980.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.407+/-0.141 χ^2/NDF : 1628614.2/20

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: 2733.550+/-1350.405 χ^2/NDF : 5.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

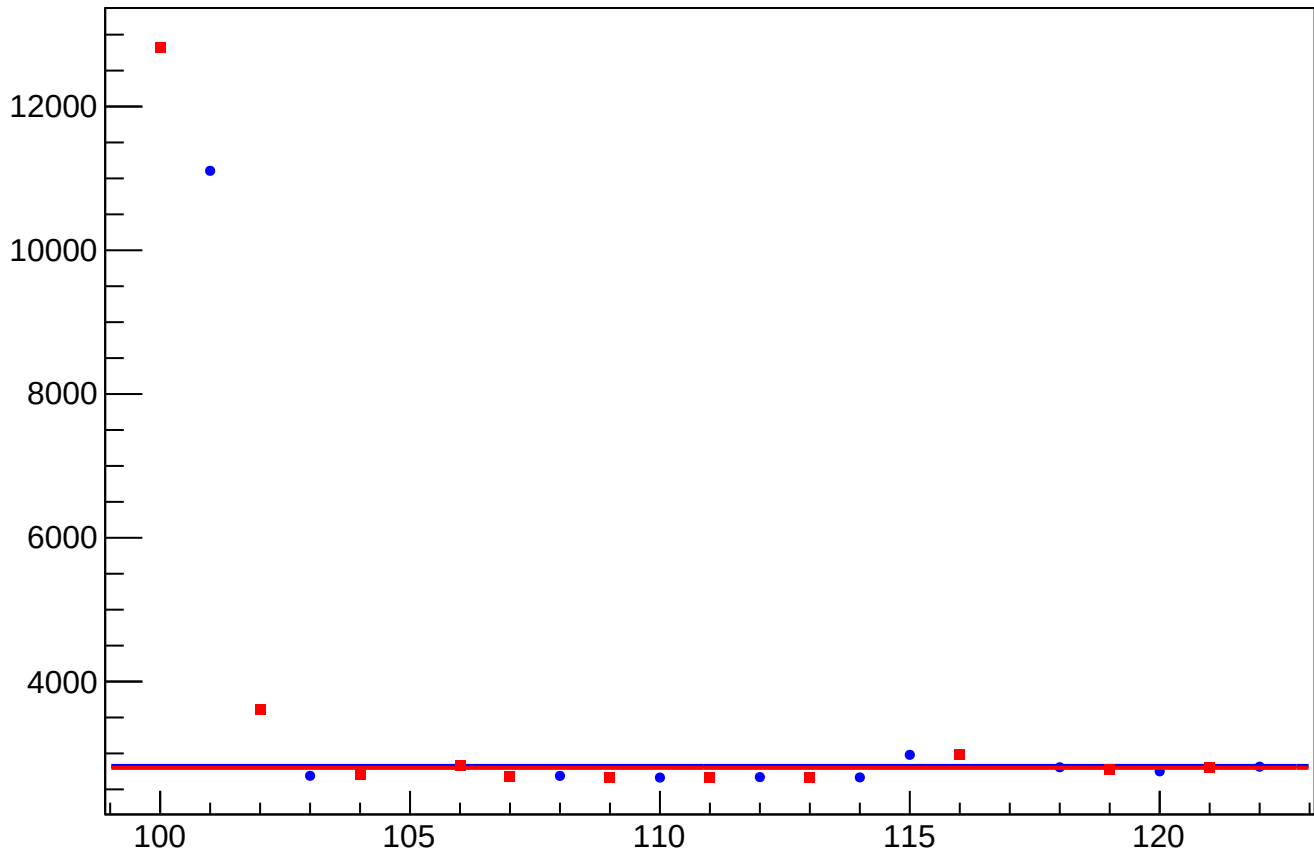
Right: 2133.876+/-993.111 χ^2/NDF : 14.5/20

In: 1427.530+/-1465.598 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2133.876+/-993.111 χ^2/NDF : 14.5/20

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: 2799.122+/-0.955 χ^2/NDF : 145931.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

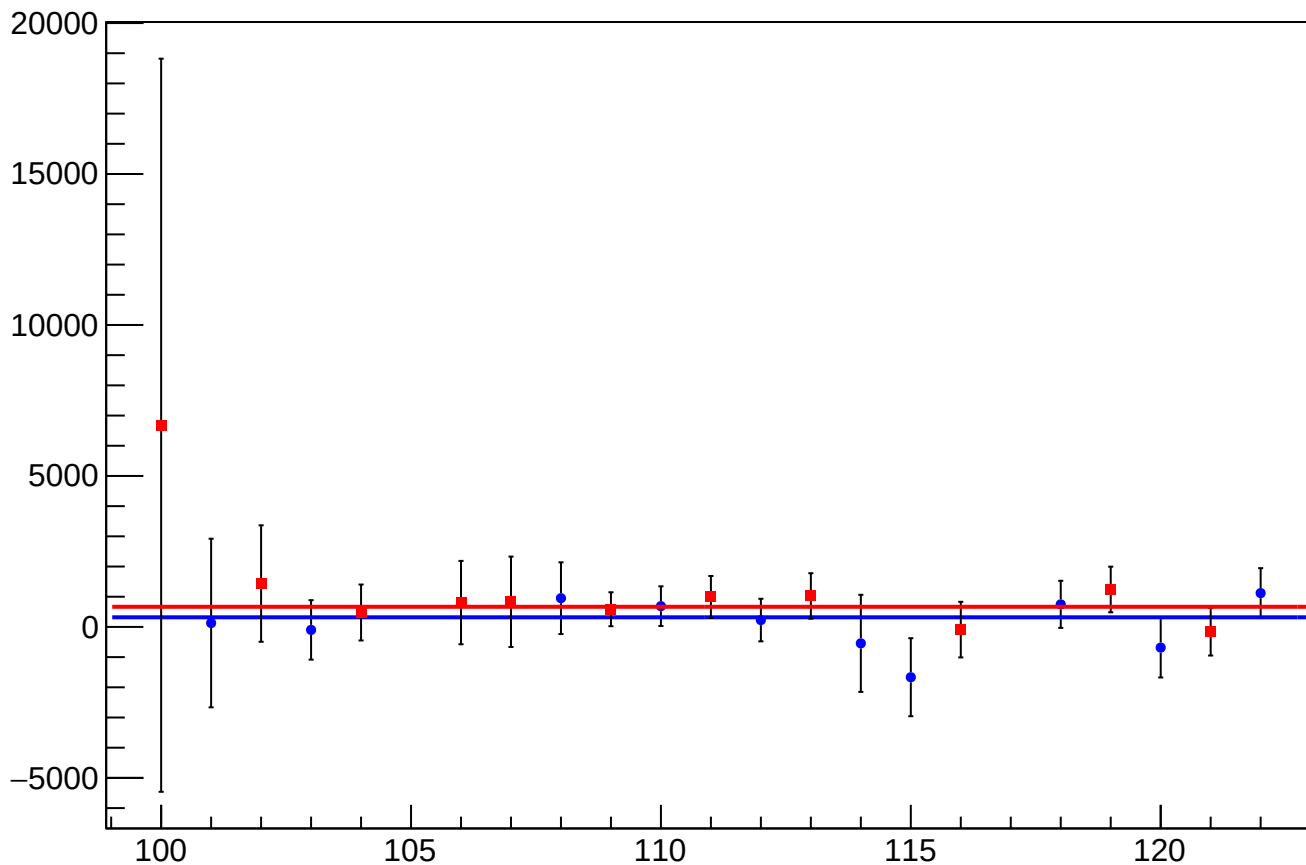
Right: 2811.664+/-0.702 χ^2/NDF : 888618.7/20

In: 2826.437+/-1.036 χ^2/NDF : 742311.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2811.664+/-0.702 χ^2/NDF : 888618.7/20

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: 666.940+/-267.696 χ^2/NDF : 3.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

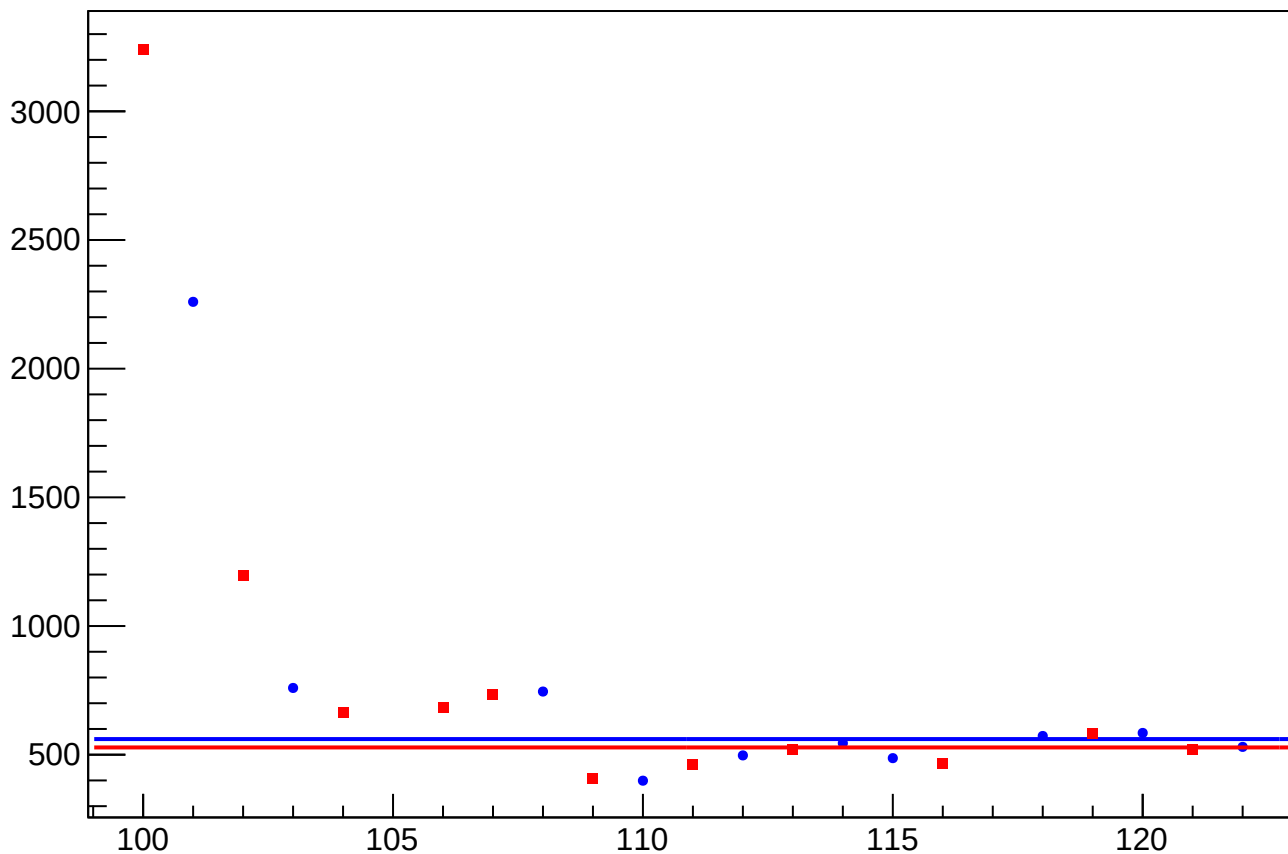
Right: 510.991+/-198.926 χ^2/NDF : 9.8/20

In: 318.681+/-297.269 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.991+/-198.926 χ^2/NDF : 9.8/20

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: 528.216+/-0.189 χ^2/NDF : 579509.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

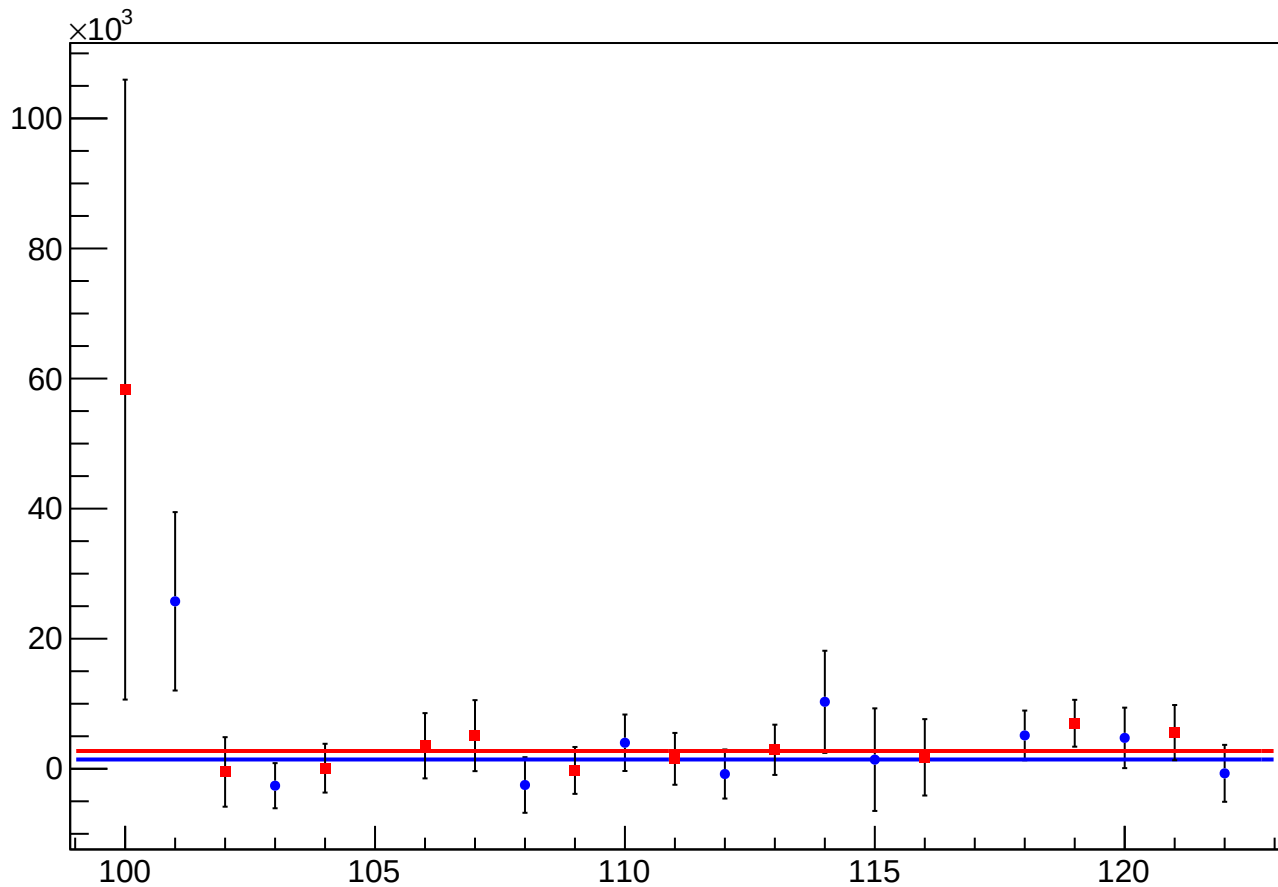
Right: 542.785+/-0.141 χ^2/NDF : 1611722.2/20

In: 560.752+/-0.210 χ^2/NDF : 1018982.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.785+/-0.141 χ^2/NDF : 1611722.2/20

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: 2733.550+/-1350.405 χ^2/NDF : 5.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

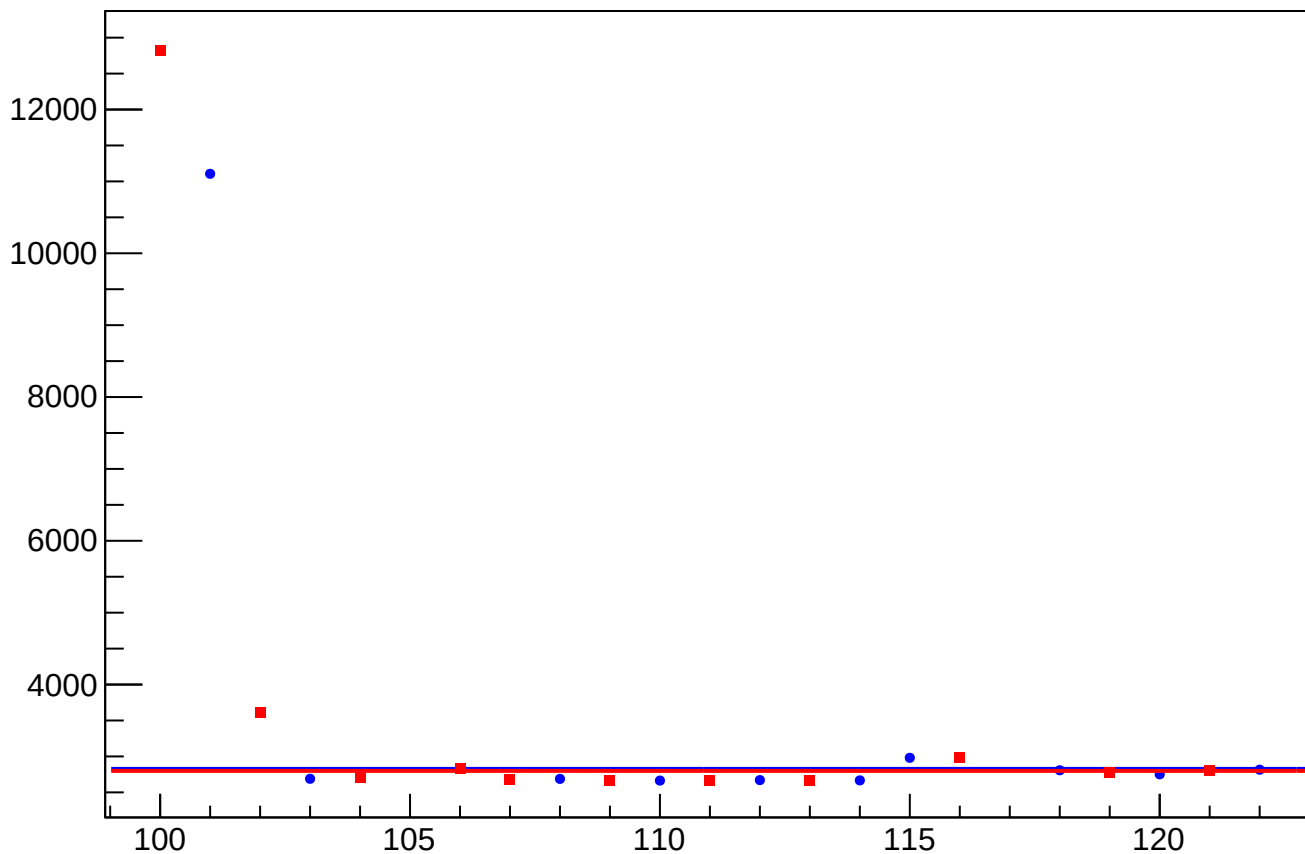
Right: 2133.876+/-993.111 χ^2/NDF : 14.5/20

In: 1427.530+/-1465.598 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2133.876+/-993.111 χ^2/NDF : 14.5/20

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: 2799.122+/-0.955 χ^2/NDF : 145931.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

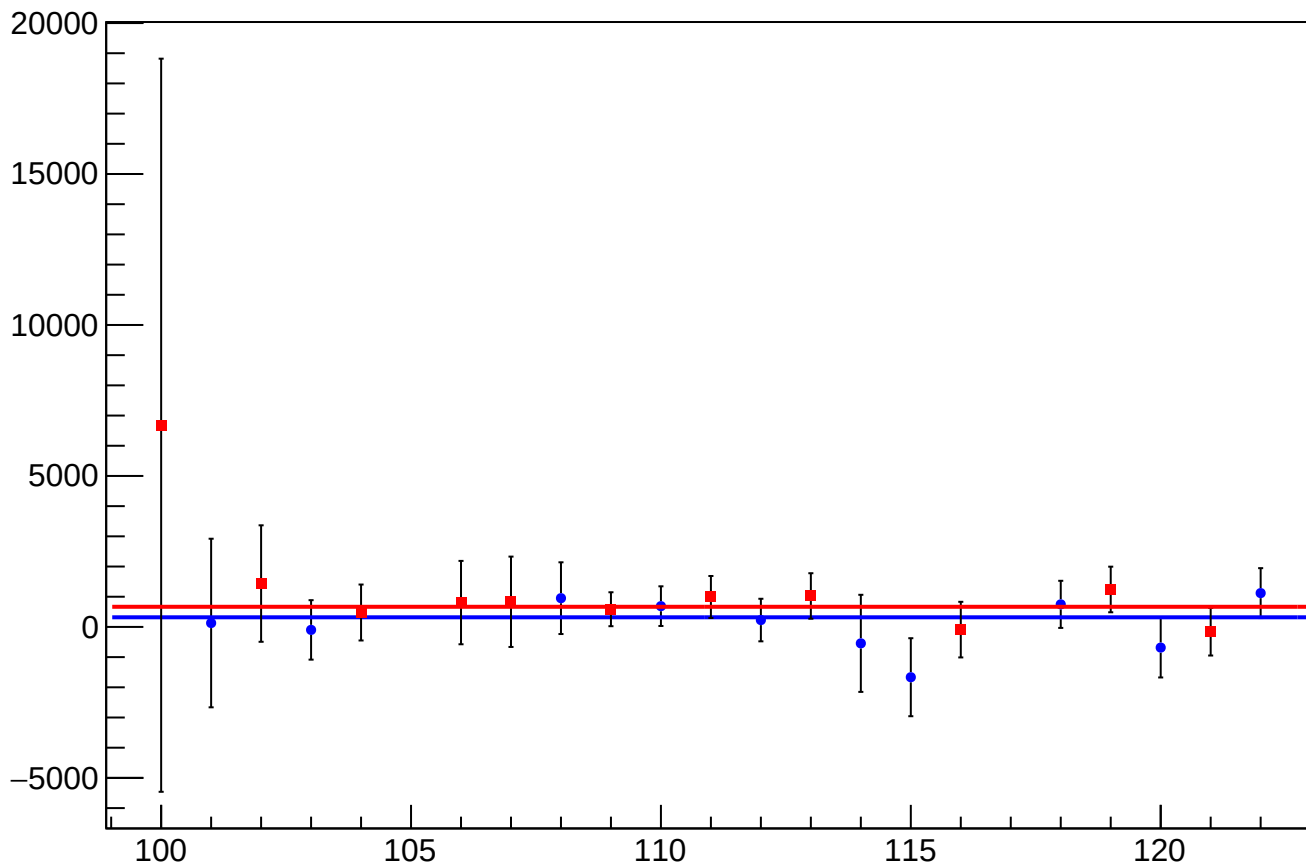
Right: 2811.664+/-0.702 χ^2/NDF : 888618.7/20

In: 2826.437+/-1.036 χ^2/NDF : 742311.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2811.664+/-0.702 χ^2/NDF : 888618.7/20

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: 666.940+/-267.696 χ^2/NDF : 3.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

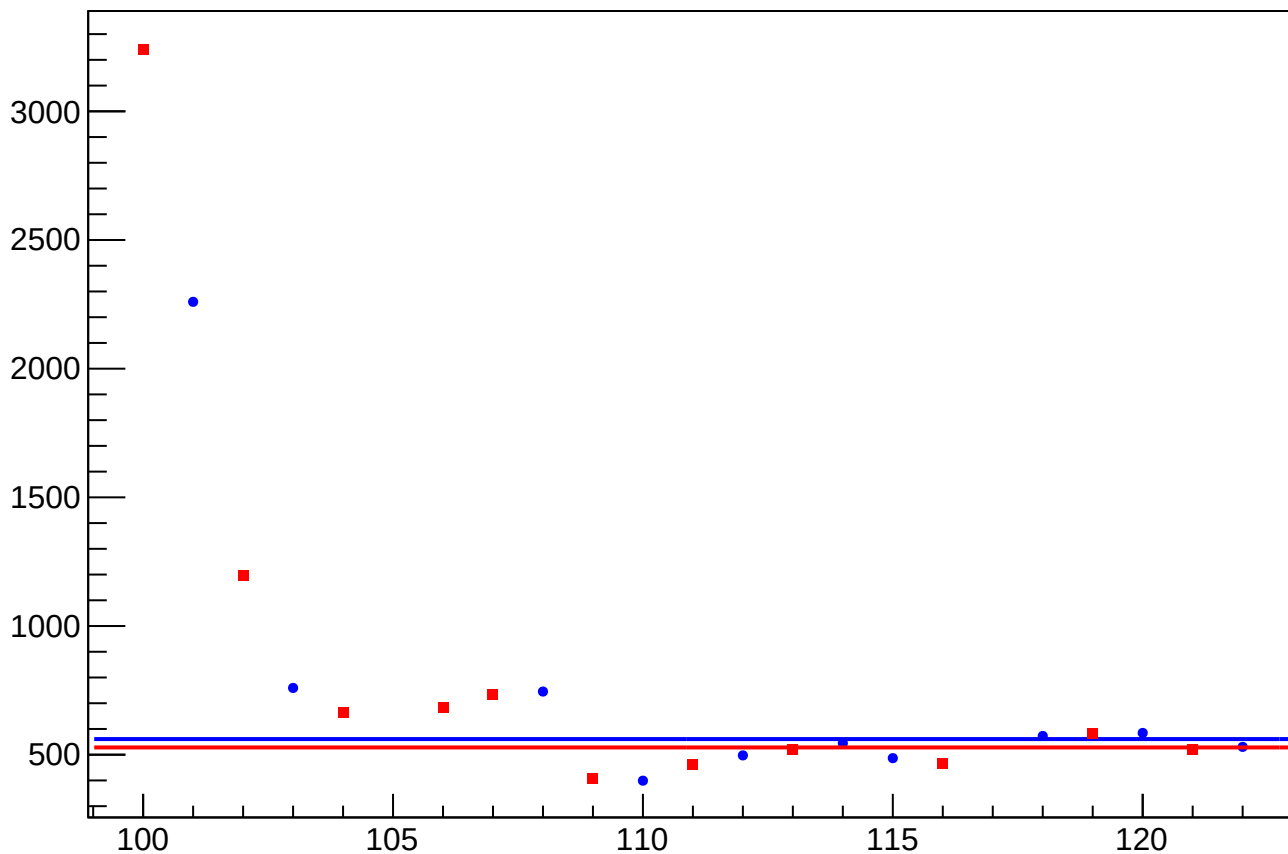
Right: 510.991+/-198.926 χ^2/NDF : 9.8/20

In: 318.681+/-297.269 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.991+/-198.926 χ^2/NDF : 9.8/20

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: 528.216+/-0.189 χ^2/NDF : 579509.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

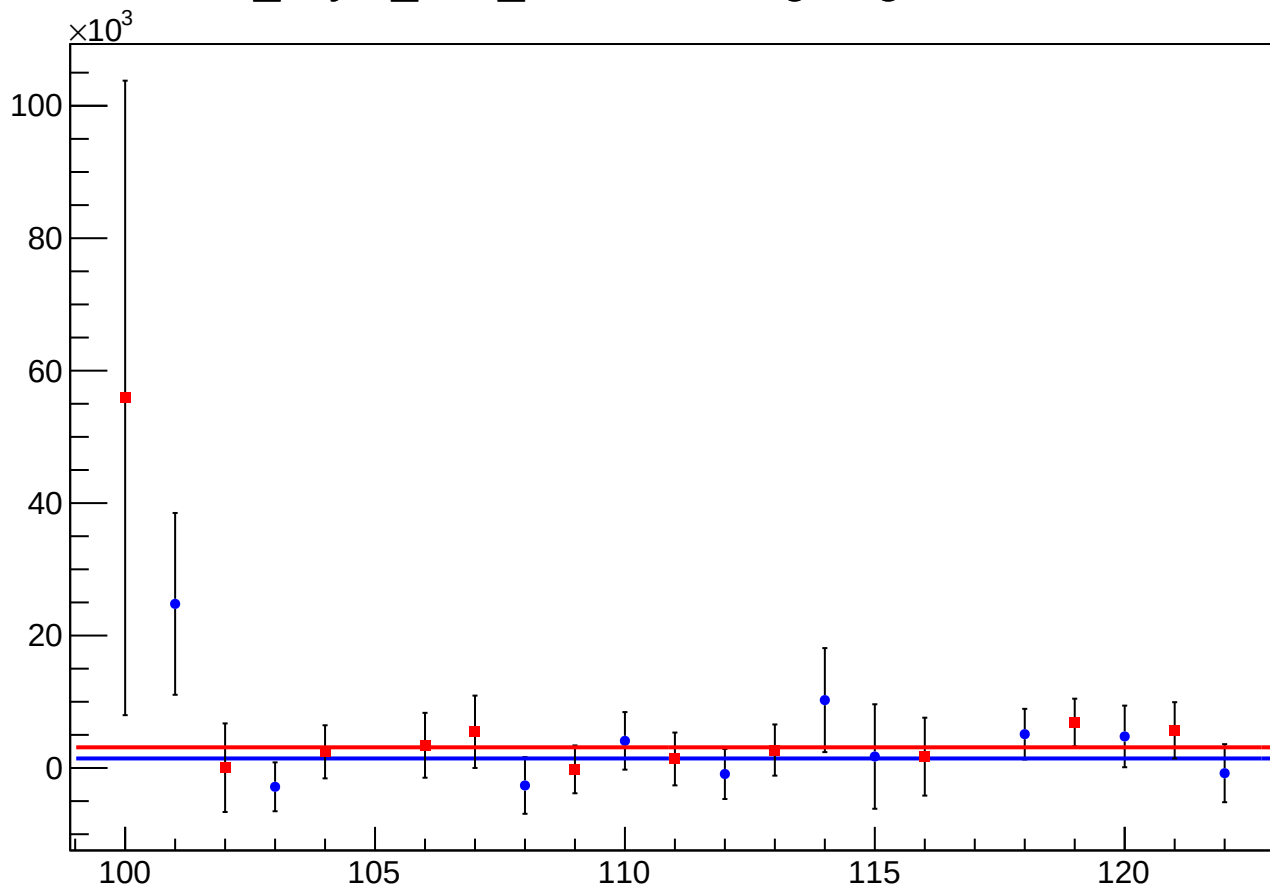
Right: 542.785+/-0.141 χ^2/NDF : 1611722.2/20

In: 560.752+/-0.210 χ^2/NDF : 1018982.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.785+/-0.141 χ^2/NDF : 1611722.2/20

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: 3122.357 ± 1376.023 χ^2/NDF : 4.2/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

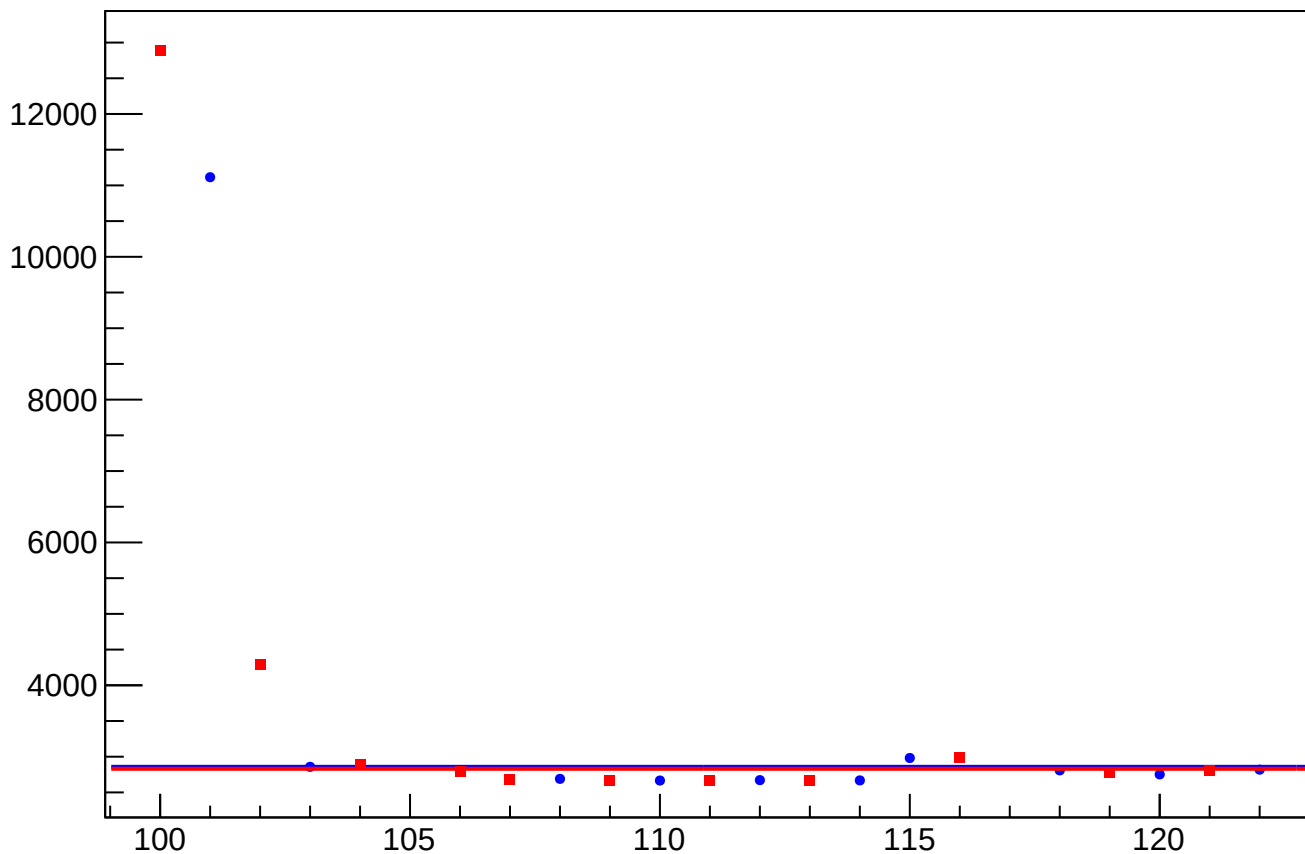
Right: 2343.124 ± 1008.278 χ^2/NDF : 13.7/20

In: 1439.641 ± 1481.673 χ^2/NDF : 8.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2343.124 ± 1008.278 χ^2/NDF : 13.7/20

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: 2830.704+/-0.973 χ^2/NDF : 199146.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

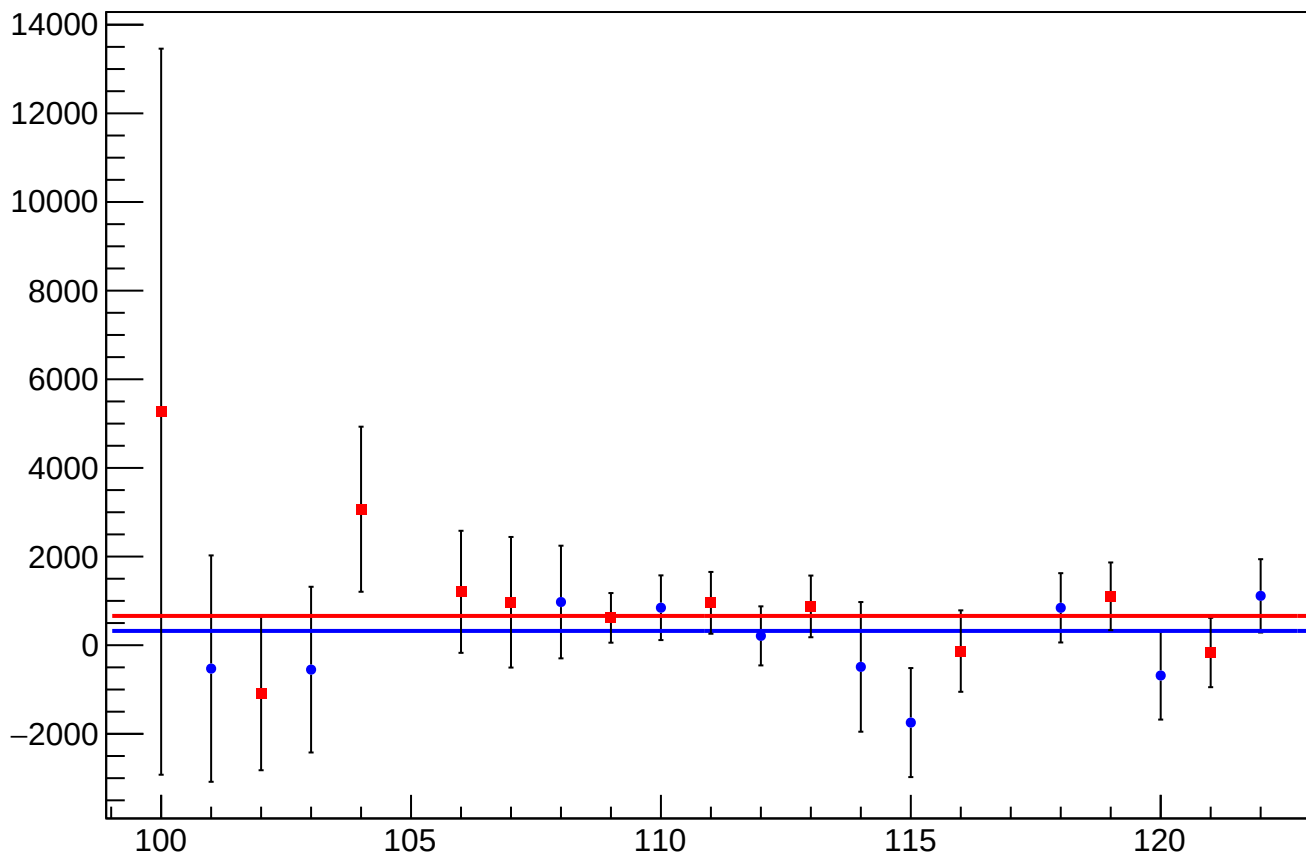
Right: 2843.400+/-0.713 χ^2/NDF : 938086.4/20

In: 2858.121+/-1.048 χ^2/NDF : 738572.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2843.400+/-0.713 χ^2/NDF : 938086.4/20

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: 660.590+/-272.505 χ^2 /NDF: 5.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

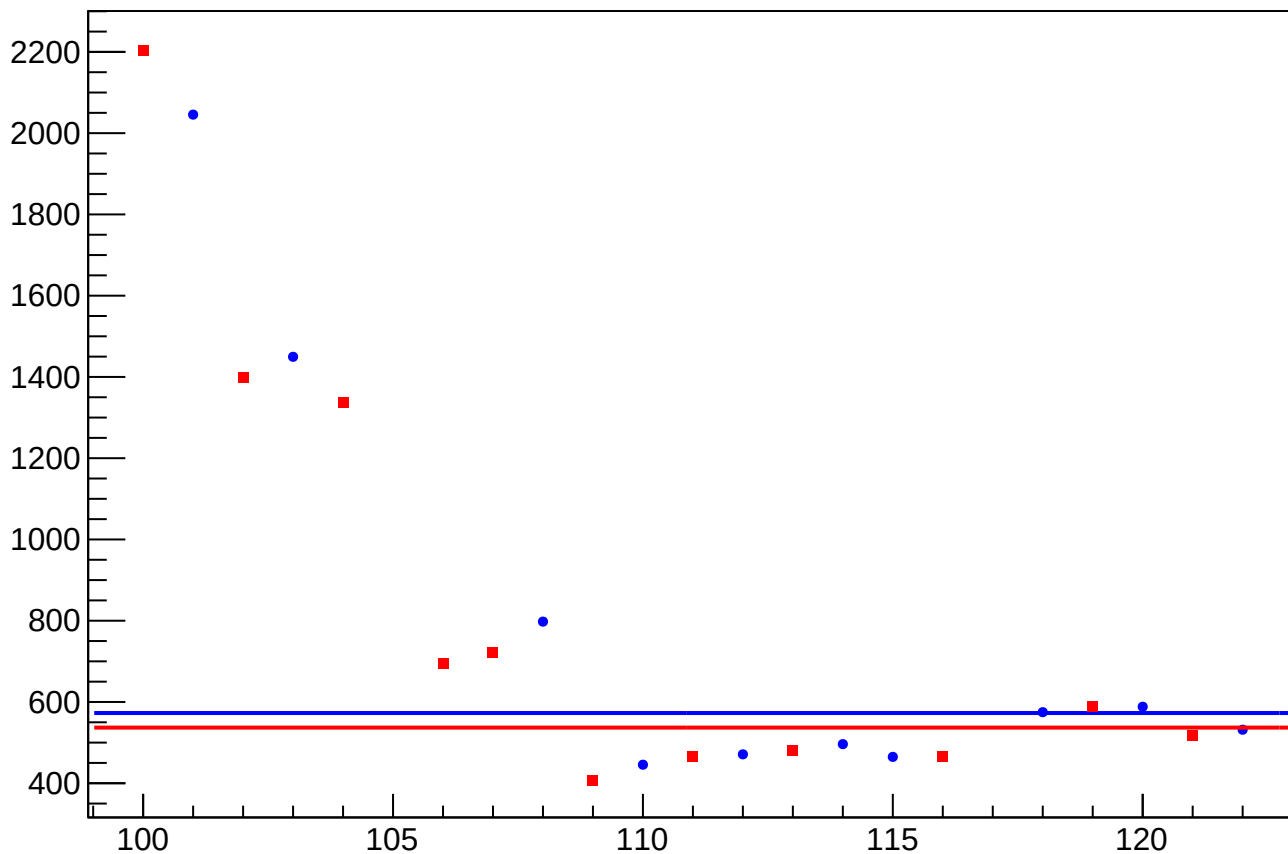
Right: 512.970+/-204.596 χ^2 /NDF: 13.0/20

In: 322.250+/-309.743 χ^2 /NDF:6.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 512.970+/-204.596 χ^2 /NDF: 13.0/20

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: 536.951+/-0.193 χ^2/NDF : 1166537.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

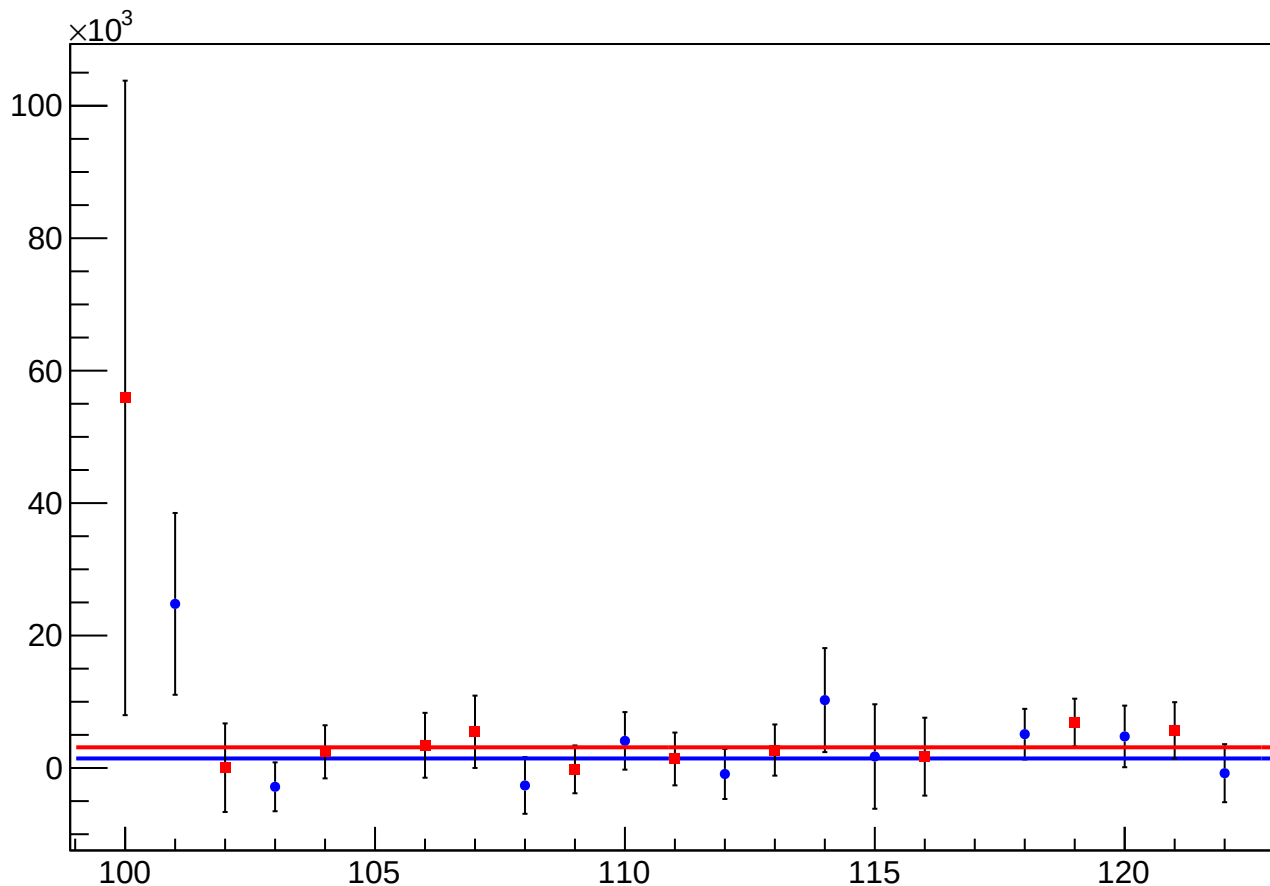
Right: 552.600+/-0.145 χ^2/NDF : 2482928.2/20

In: 572.819+/-0.219 χ^2/NDF : 1301273.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.600+/-0.145 χ^2/NDF : 2482928.2/20

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: 3122.355+/-1376.023 χ^2/NDF : 4.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

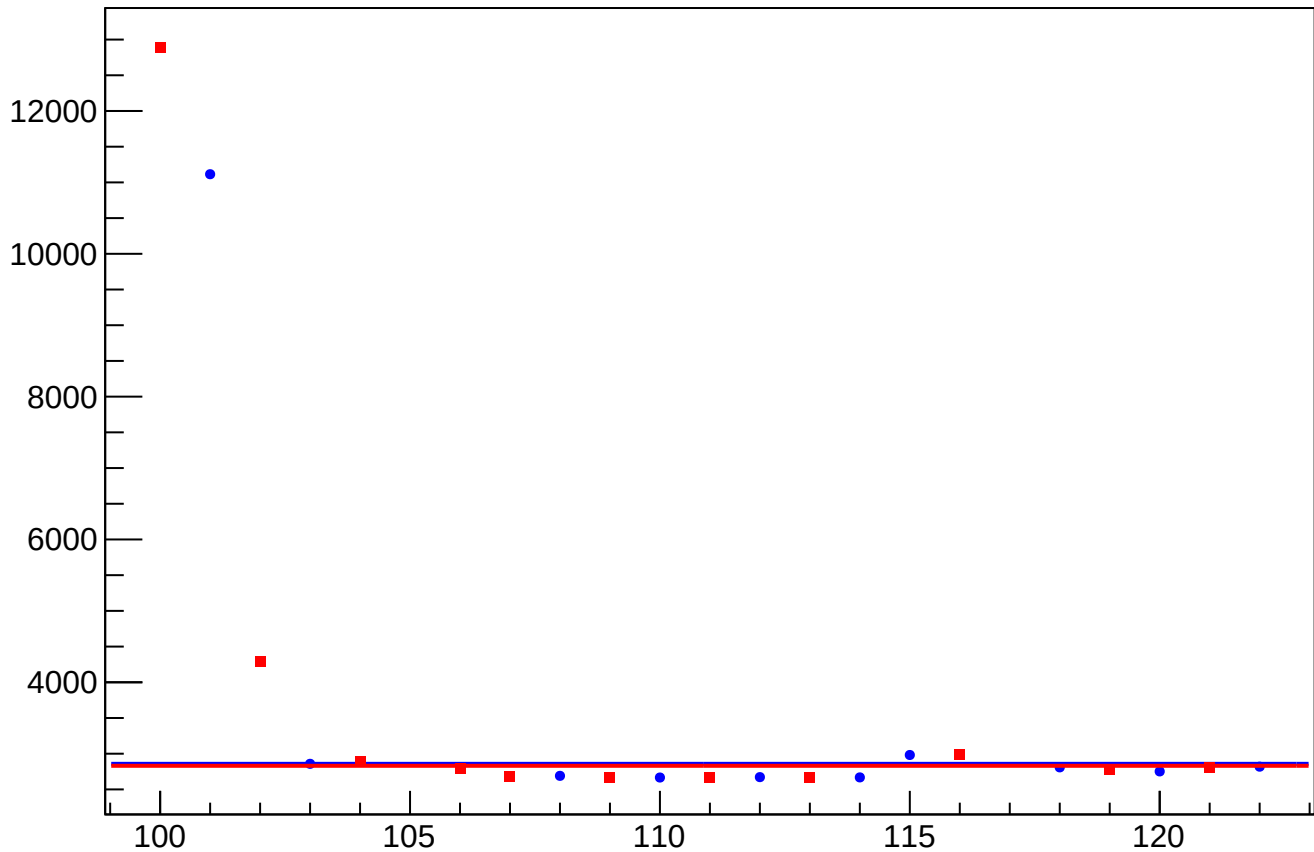
Right: 2343.123+/-1008.278 χ^2/NDF : 13.7/20

In: 1439.641+/-1481.672 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2343.123+/-1008.278 χ^2/NDF : 13.7/20

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: 2830.704+/-0.973 χ^2/NDF : 199146.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

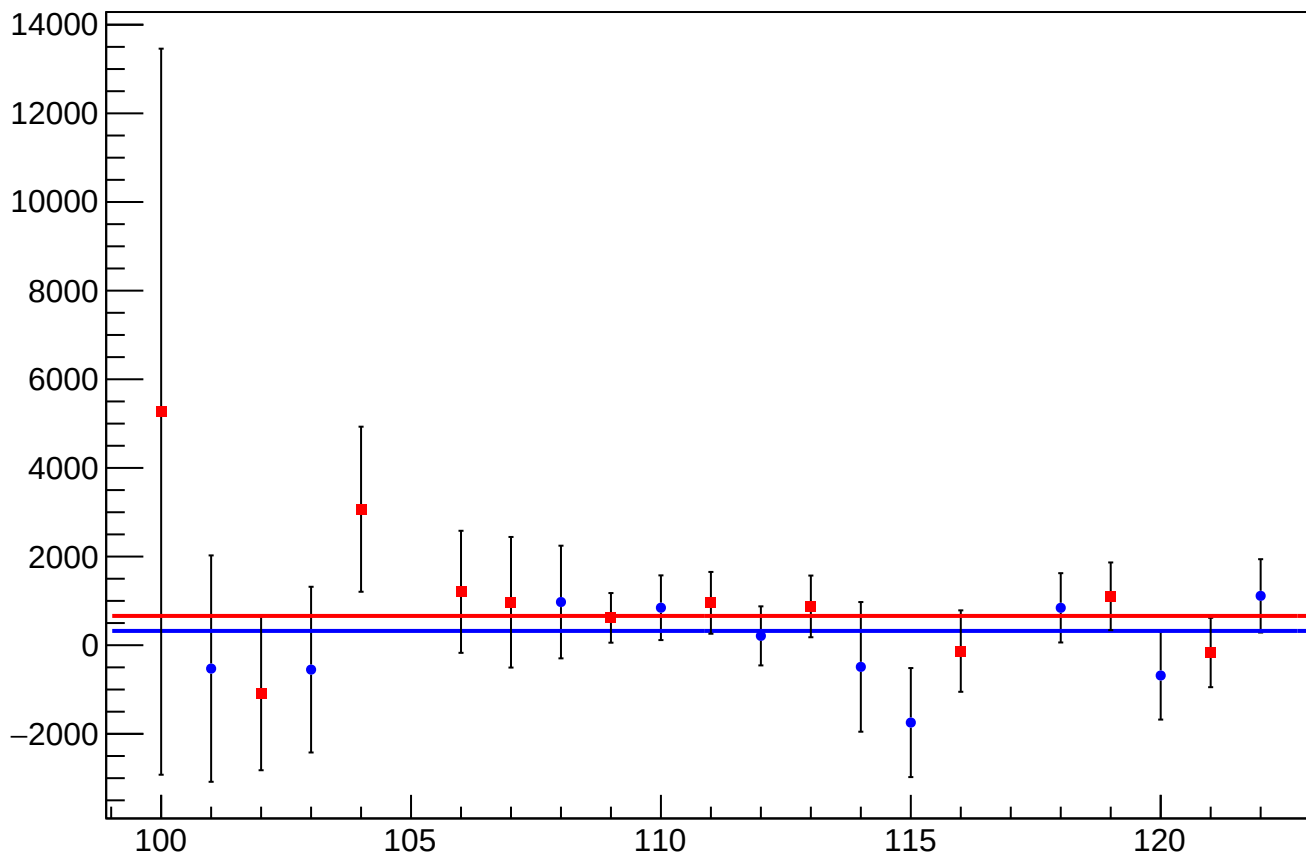
Right: 2843.400+/-0.713 χ^2/NDF : 938086.2/20

In: 2858.121+/-1.048 χ^2/NDF : 738572.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2843.400+/-0.713 χ^2/NDF : 938086.2/20

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: 660.590+/-272.505 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

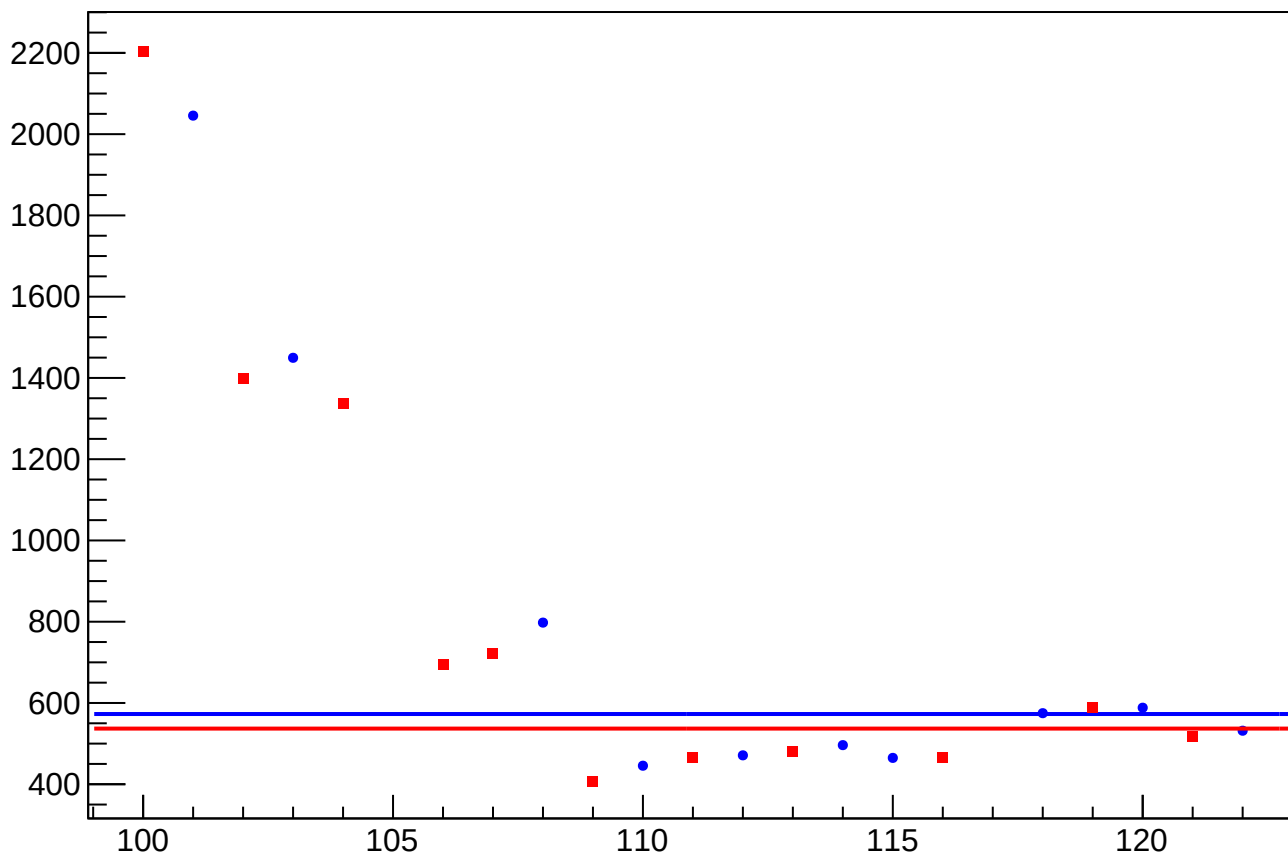
Right: 512.970+/-204.596 χ^2/NDF : 13.0/20

In: 322.251+/-309.743 χ^2/NDF :6.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 512.970+/-204.596 χ^2/NDF : 13.0/20

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: 536.951+/-0.193 χ^2/NDF : 1166532.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

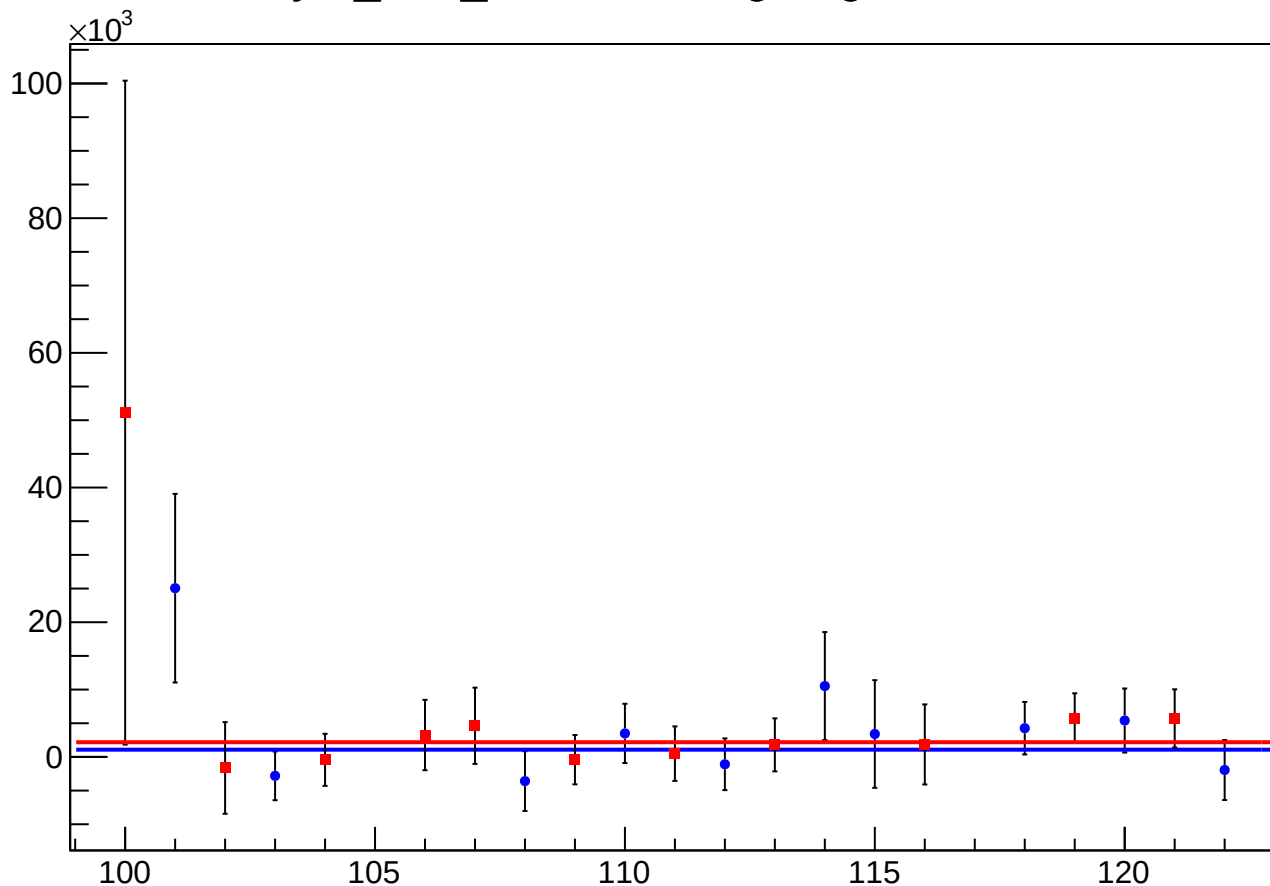
Right: 552.601+/-0.145 χ^2/NDF : 2482917.9/20

In: 572.819+/-0.219 χ^2/NDF : 1301267.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.601+/-0.145 χ^2/NDF : 2482917.9/20

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: 2182.408+/-1396.802 χ^2/NDF : 4.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

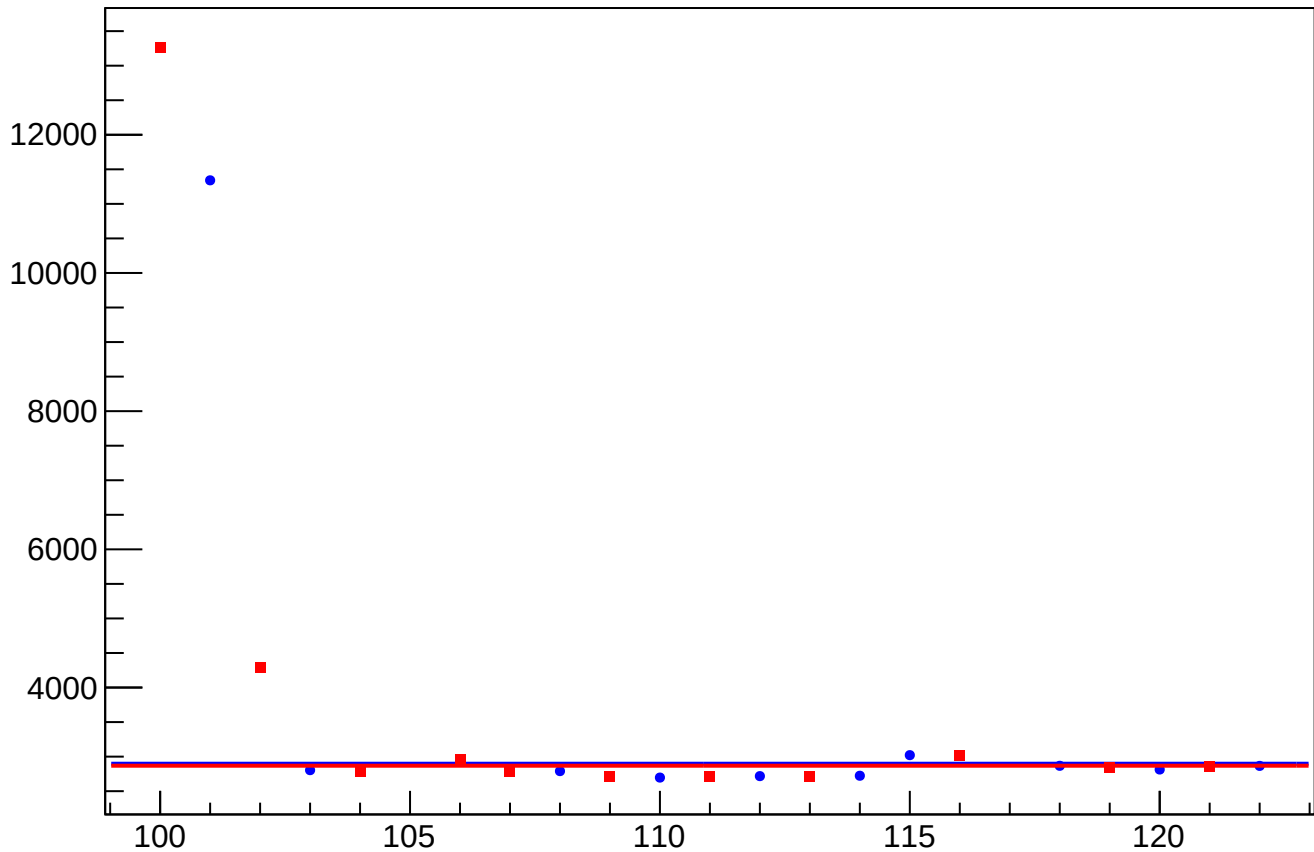
Right: 1668.253+/-1022.873 χ^2/NDF : 13.8/20

In: 1073.699+/-1502.046 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1668.253+/-1022.873 χ^2/NDF : 13.8/20

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: 2868.613+/-0.988 χ^2/NDF : 190174.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

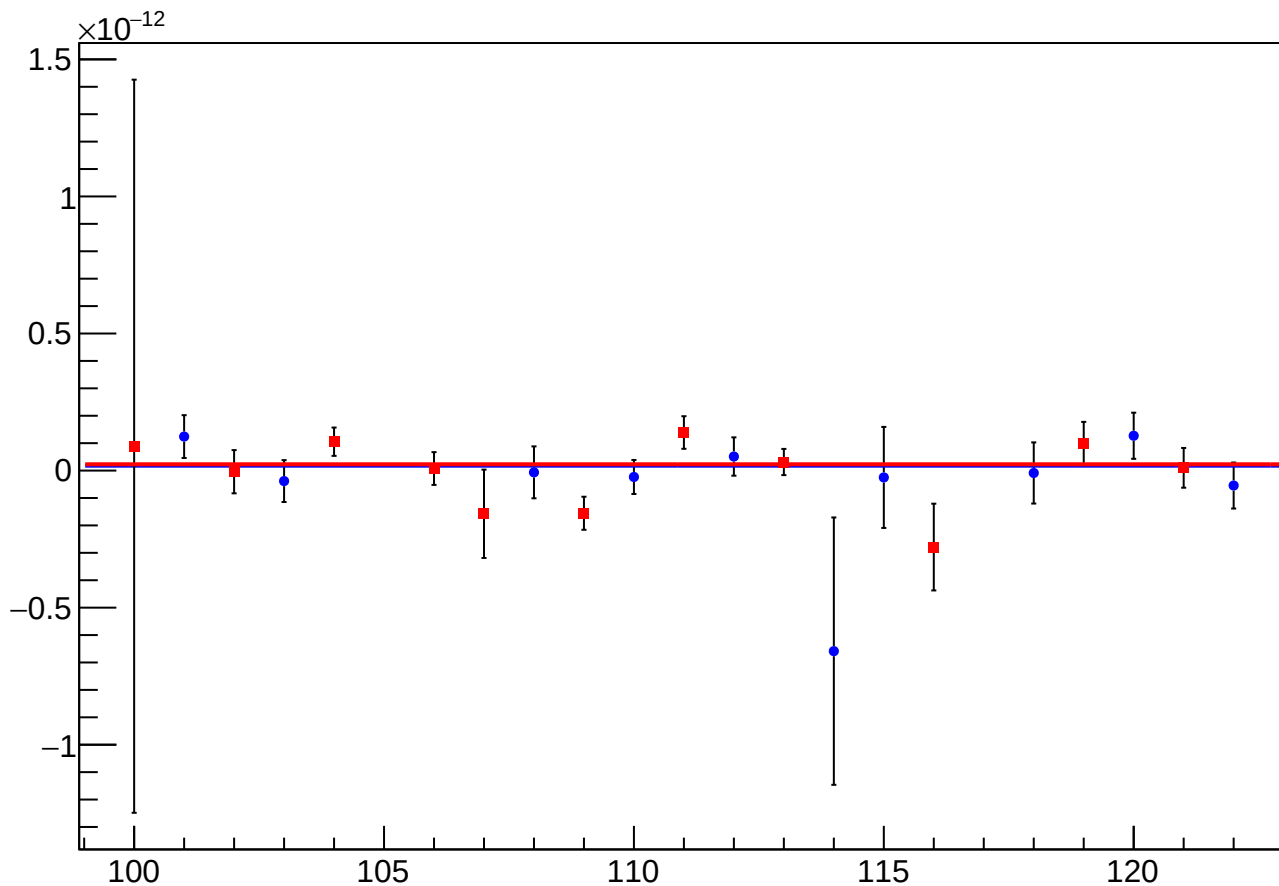
Right: 2881.901+/-0.723 χ^2/NDF : 930741.3/20

In: 2897.266+/-1.062 χ^2/NDF : 740176.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2881.901+/-0.723 χ^2/NDF : 930741.3/20

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 : 21.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

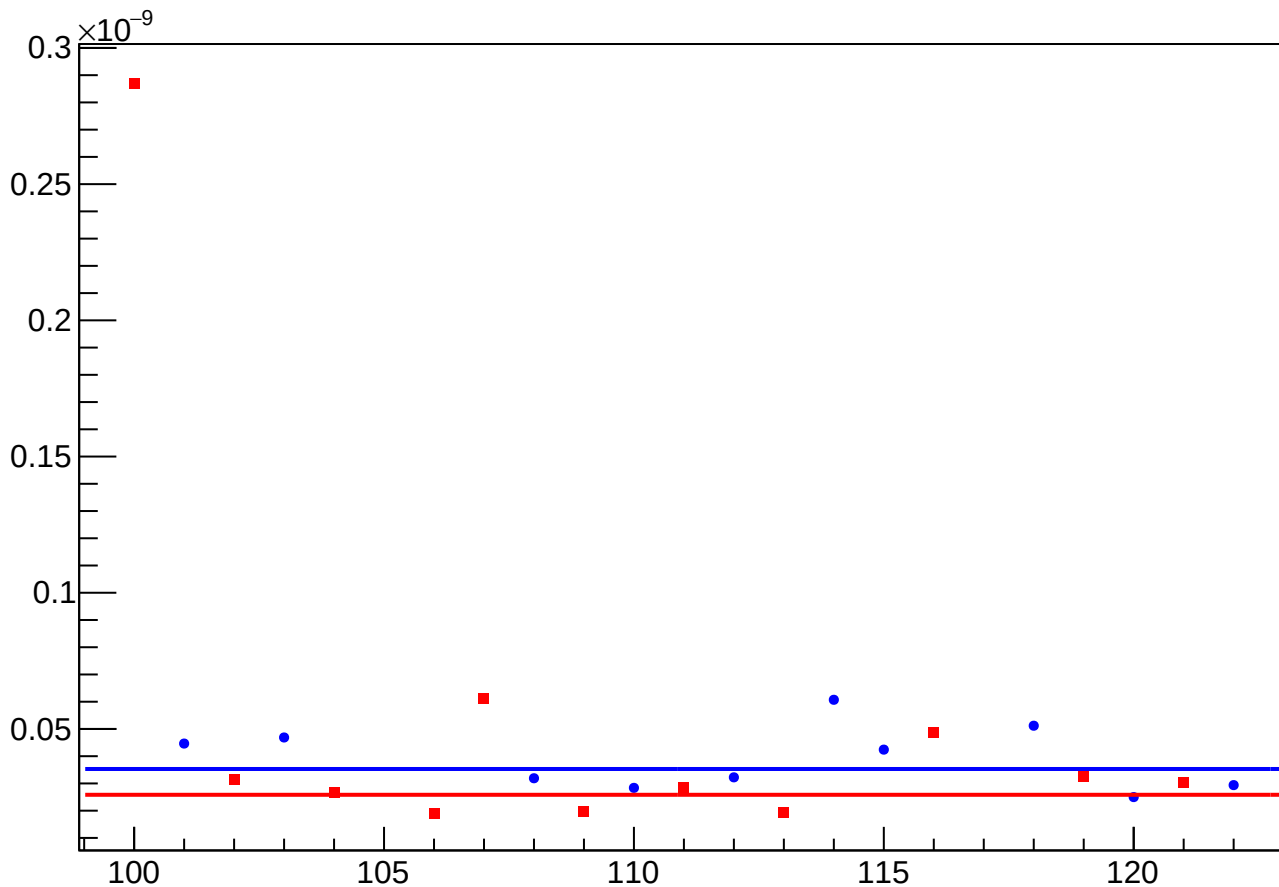
Right: 0.000+/-0.000 χ^2/NDF : 28.8/20

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 : 28.8/20

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 194764.6/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 334990.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

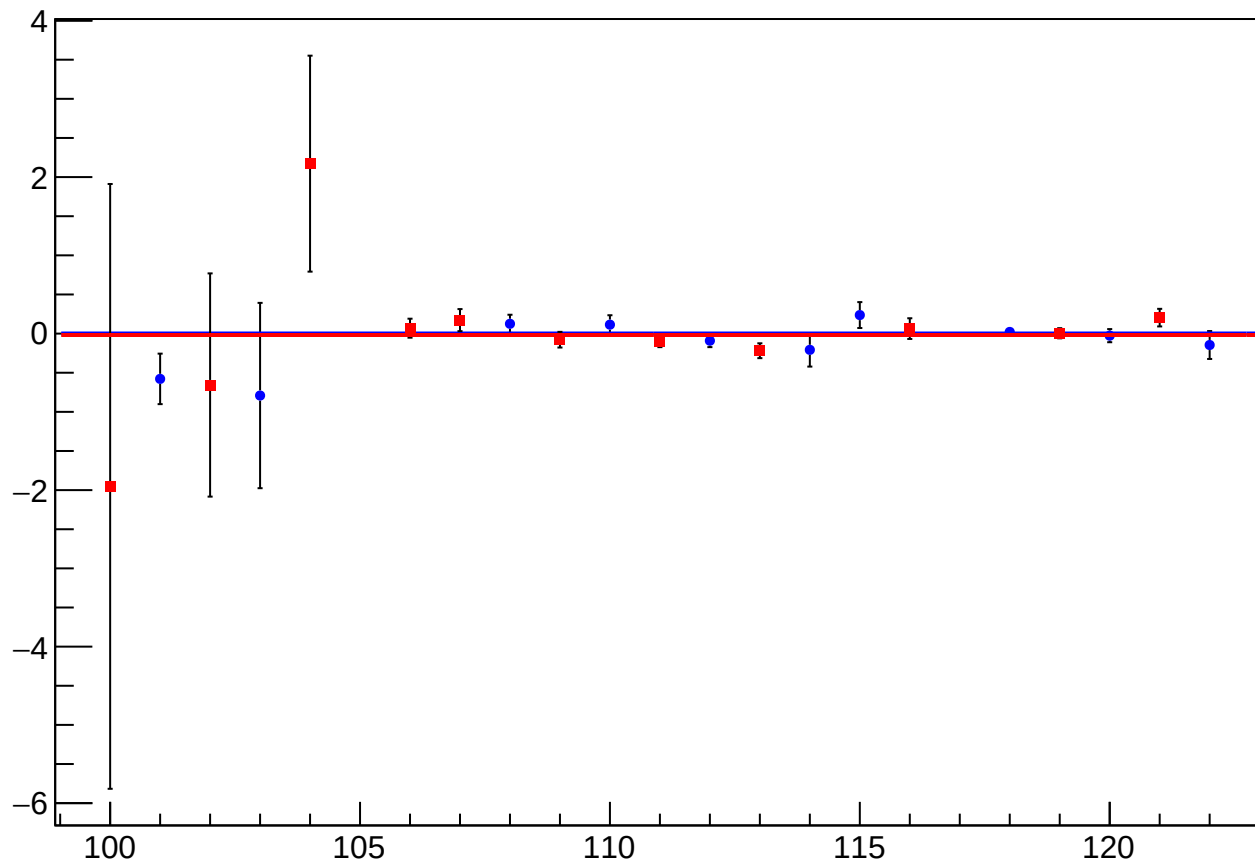
Right: 0.000+/-0.000 χ^2/NDF : 678035.4/20

In: 0.000+/-0.000 χ^2/NDF : 194764.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 678035.4/20

asym_atr1_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: -0.018+/-0.033 χ^2/NDF : 15.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

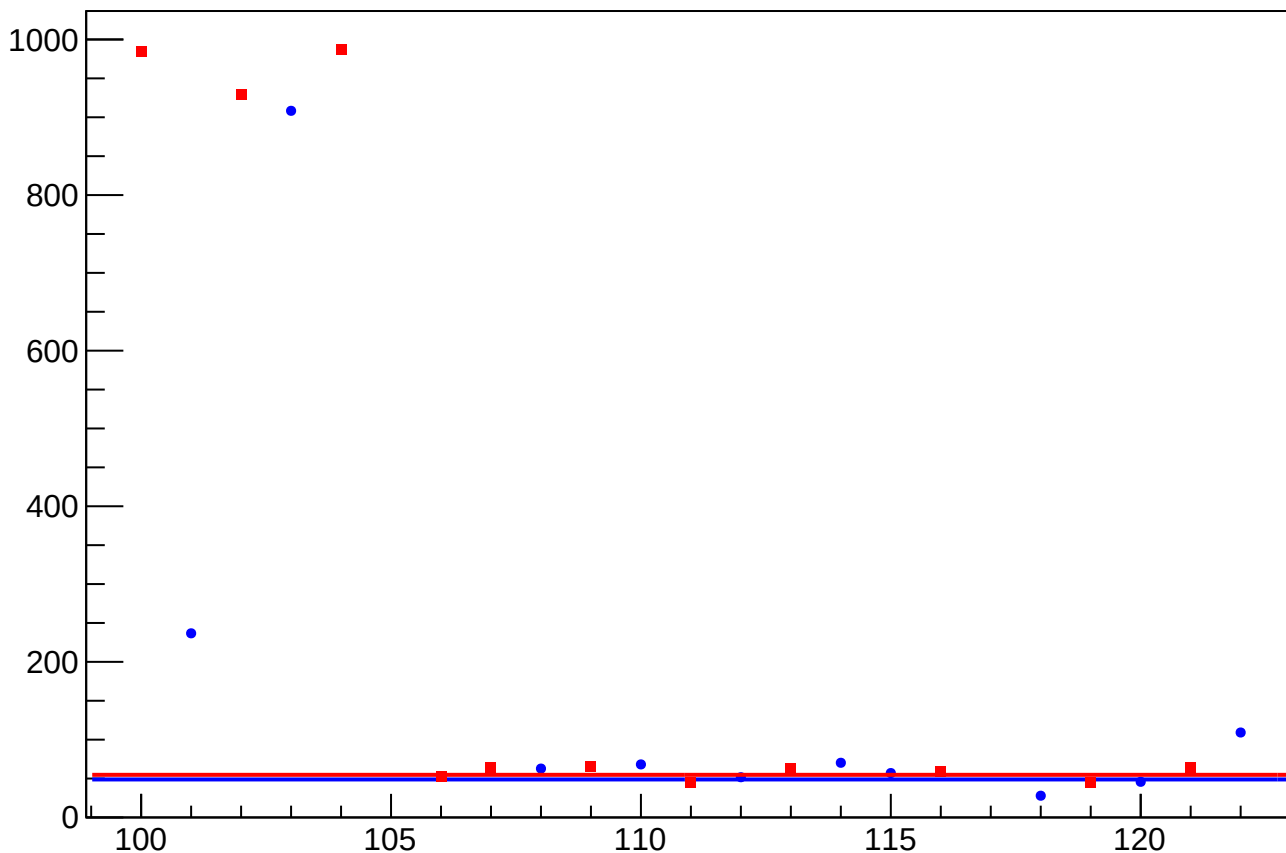
Right: -0.008+/-0.024 χ^2/NDF : 26.9/20

In: 0.001+/-0.034 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.024 χ^2/NDF : 26.9/20

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: 54.796+/-0.024 χ^2/NDF : 1934387.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

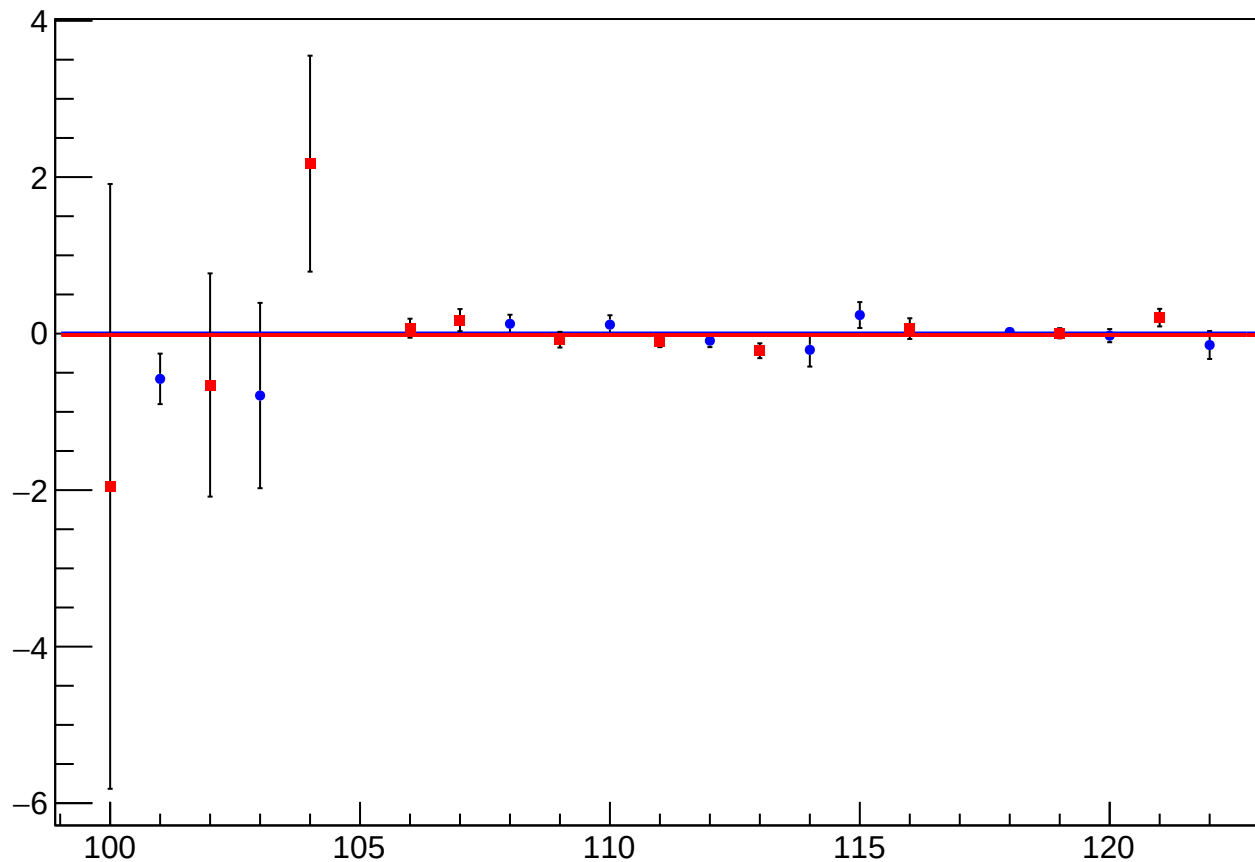
Right: 51.822+/-0.017 χ^2/NDF : 4349312.6/20

In: 48.844+/-0.024 χ^2/NDF : 2383335.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.822+/-0.017 χ^2/NDF : 4349312.6/20

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: -0.018+/-0.033 χ^2/NDF : 15.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

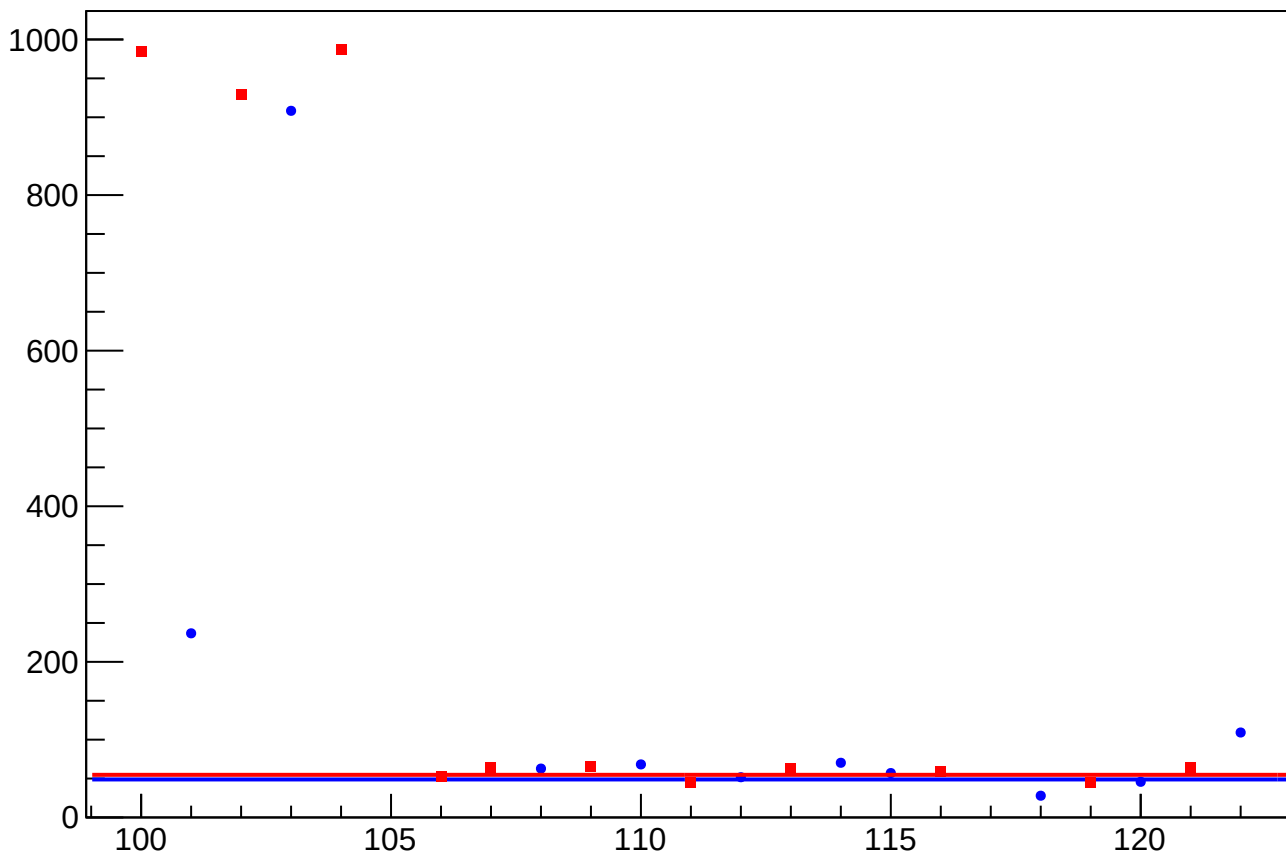
Right: -0.008+/-0.024 χ^2/NDF : 26.9/20

In: 0.001+/-0.034 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.024 χ^2/NDF : 26.9/20

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: 54.796+/-0.024 χ^2/NDF : 1934387.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

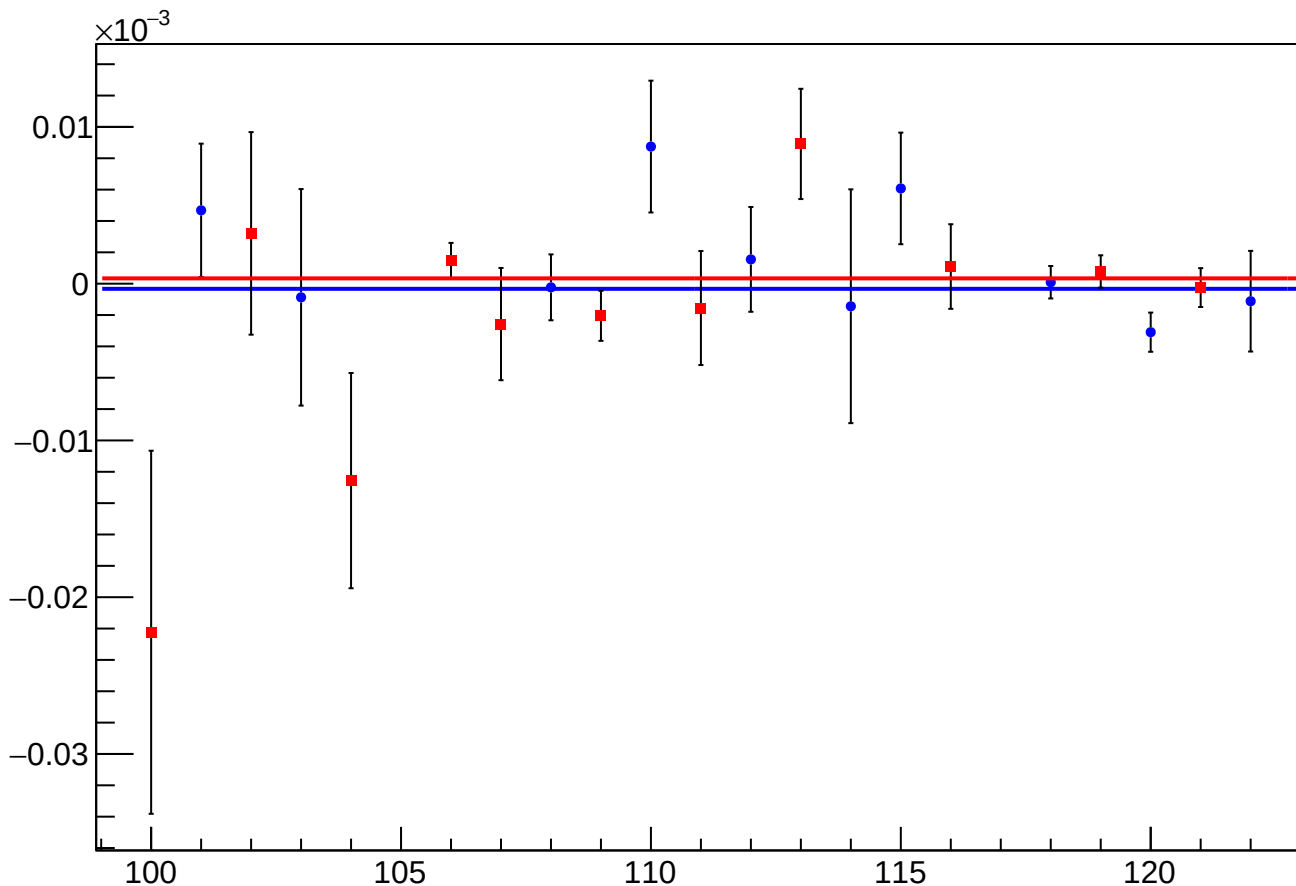
Right: 51.822+/-0.017 χ^2/NDF : 4349312.6/20

In: 48.844+/-0.024 χ^2/NDF : 2383335.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.822+/-0.017 χ^2/NDF : 4349312.6/20

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 : 18.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

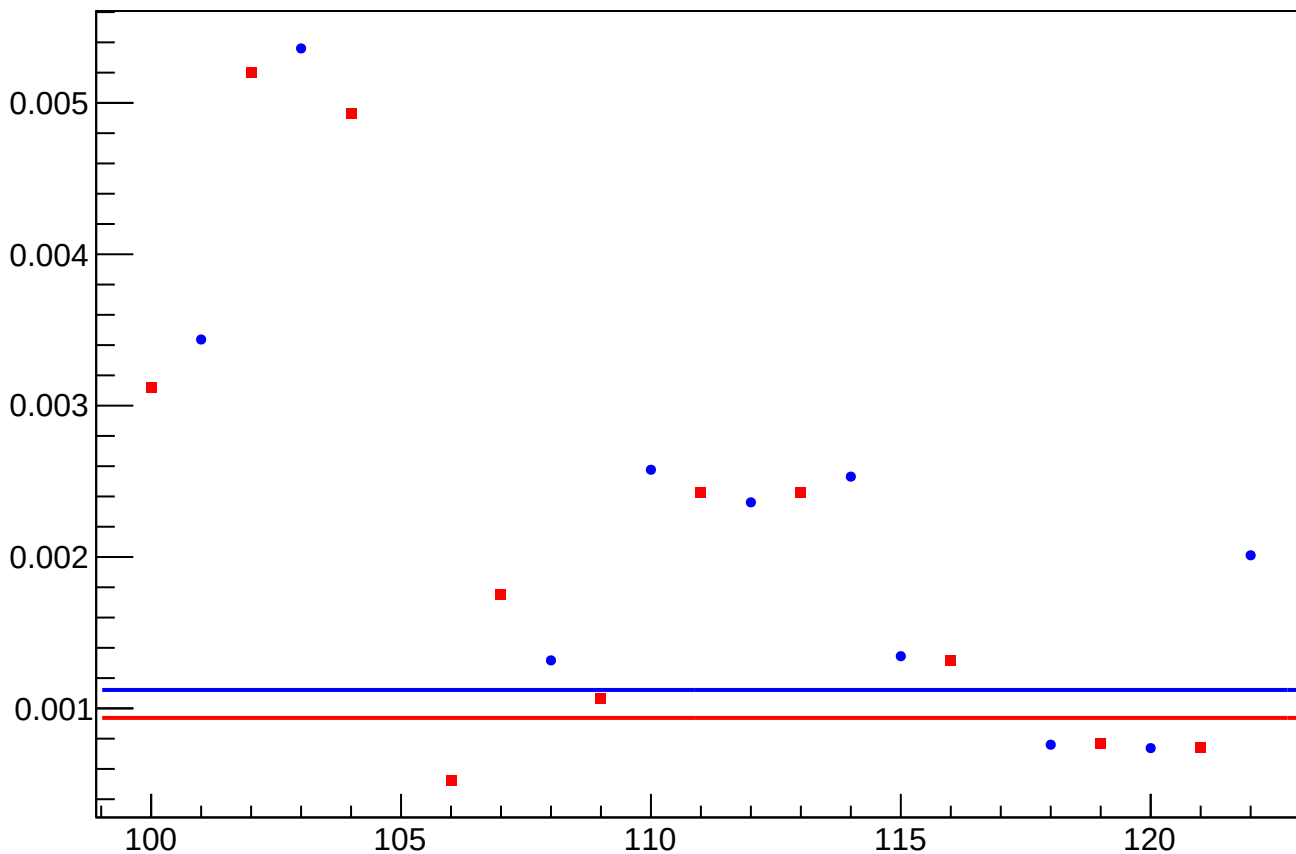
Right: 0.000+/-0.000 χ^2/NDF : 33.4/20

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 : 33.4/20

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 : 2834026.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

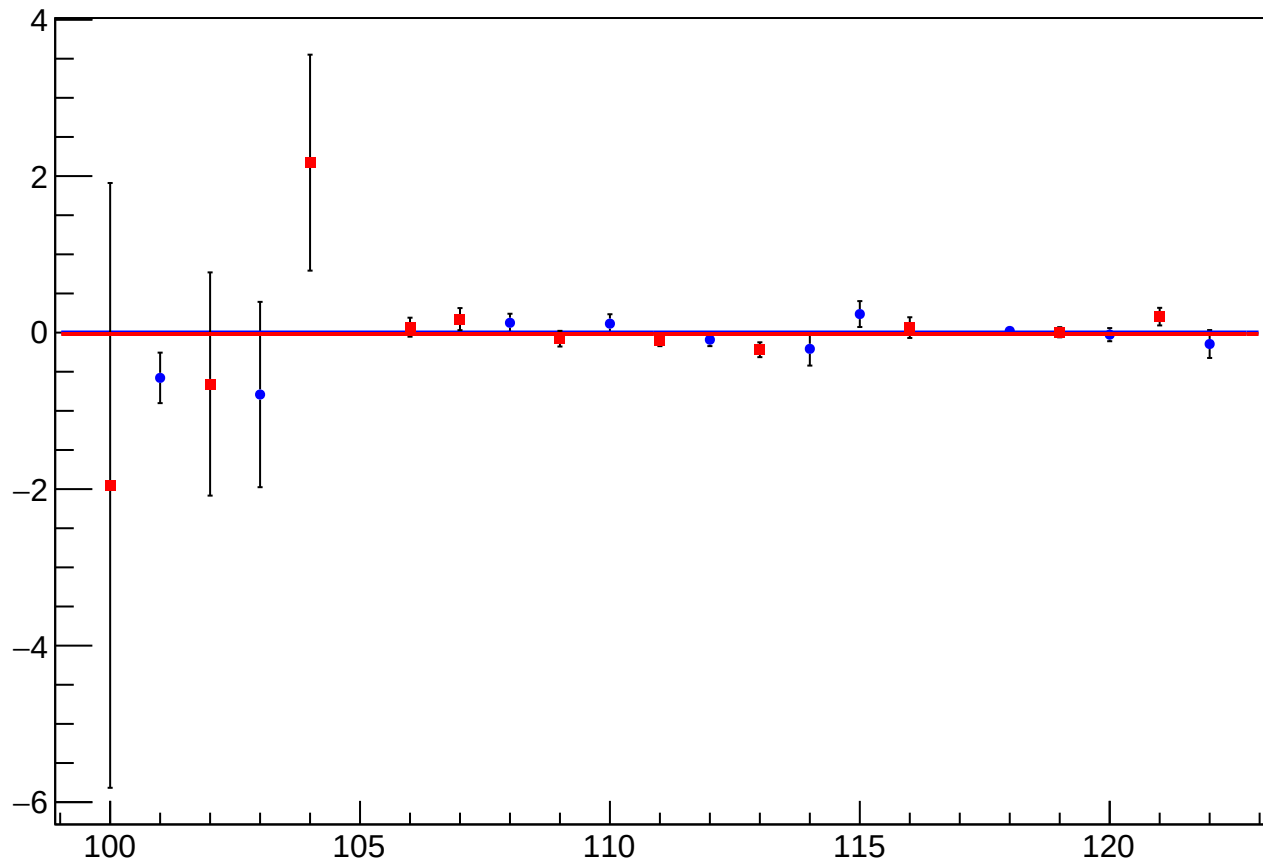
Right: 0.001+/-0.000 χ^2/NDF : 5467390.6/20

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 : 5467390.6/20

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: -0.018+/-0.033 χ^2/NDF : 15.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

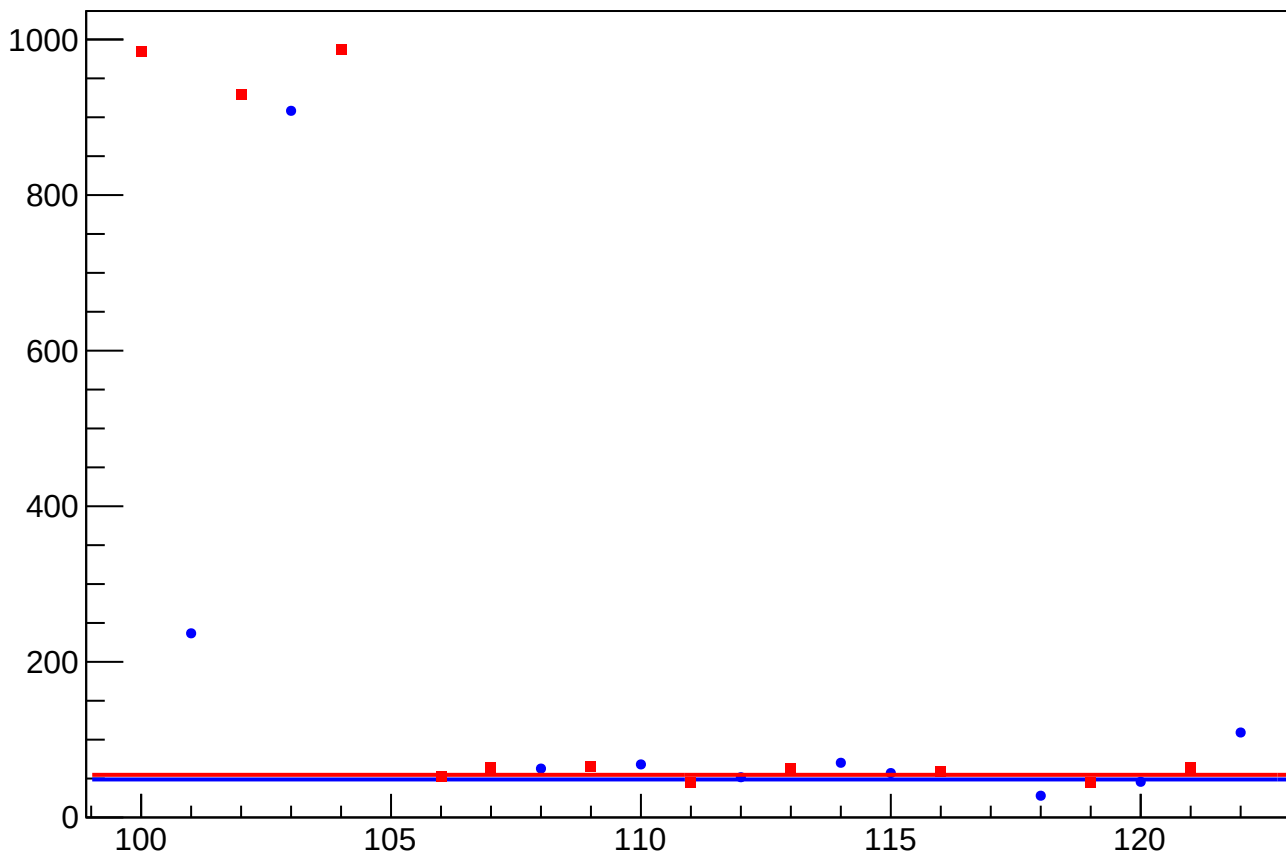
Right: -0.008+/-0.024 χ^2/NDF : 26.9/20

In: 0.001+/-0.034 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.024 χ^2/NDF : 26.9/20

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: 54.796+/-0.024 χ^2/NDF : 1934386.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

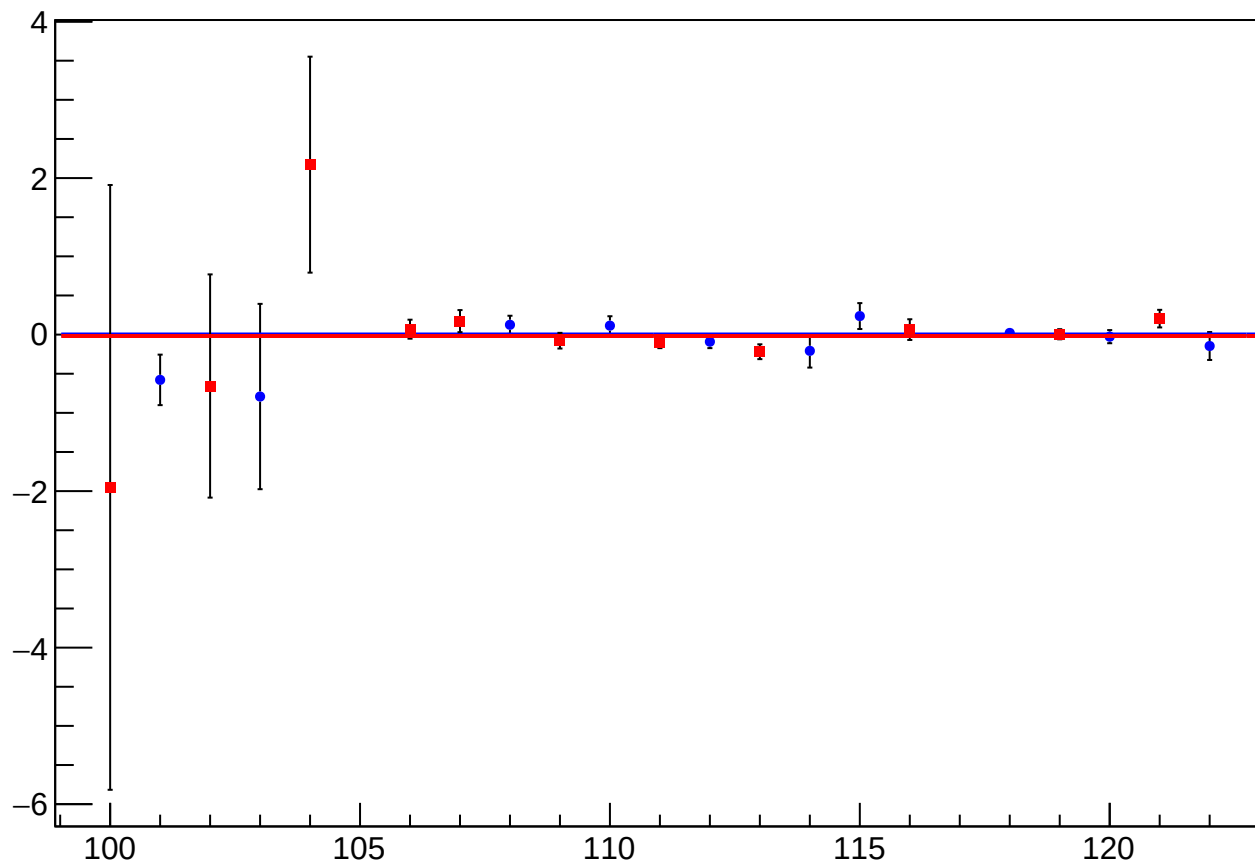
Right: 51.822+/-0.017 χ^2/NDF : 4349370.8/20

In: 48.843+/-0.024 χ^2/NDF : 2383385.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.822+/-0.017 χ^2/NDF : 4349370.8/20

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: -0.018+/-0.033 χ^2/NDF : 15.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

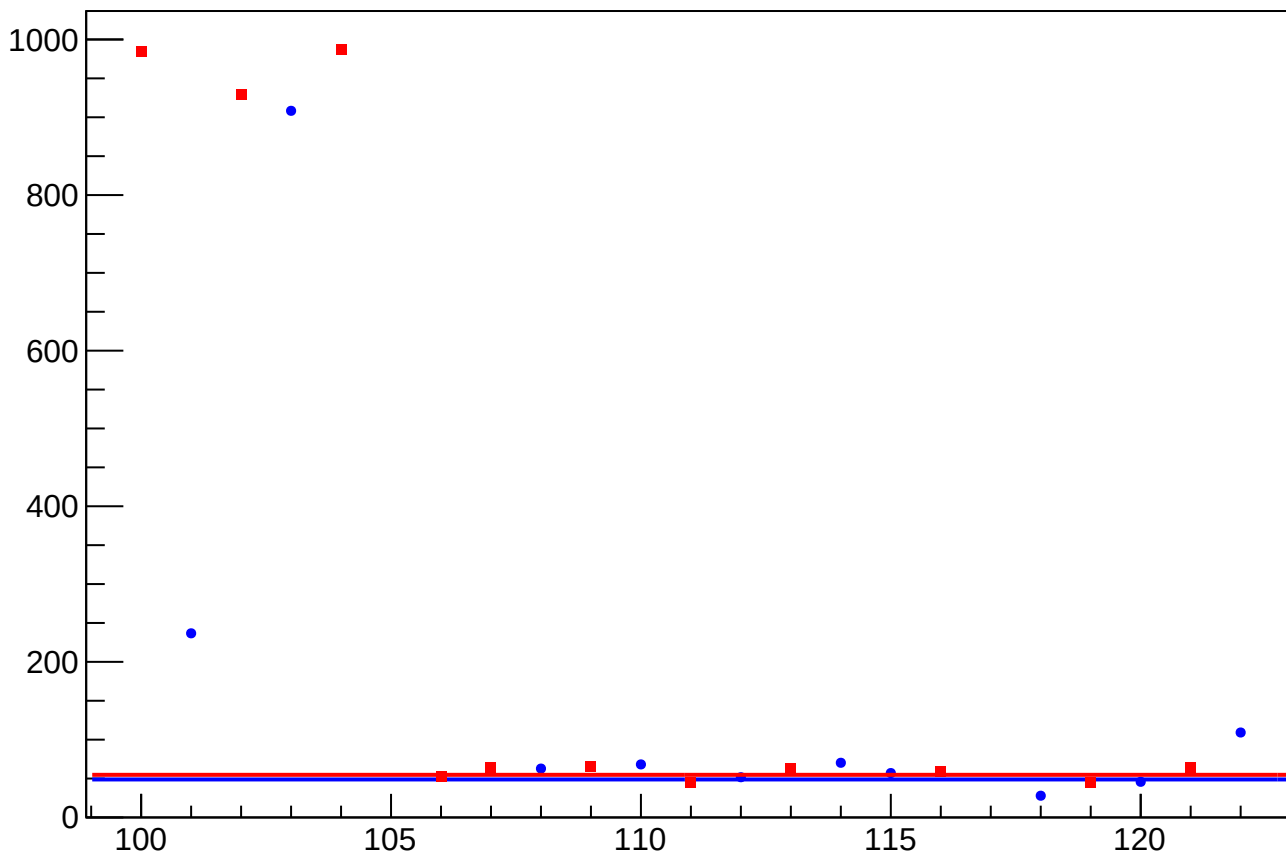
Right: -0.008+/-0.024 χ^2/NDF : 26.9/20

In: 0.001+/-0.034 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.024 χ^2/NDF : 26.9/20

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: 54.796+/-0.024 χ^2/NDF : 1934386.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

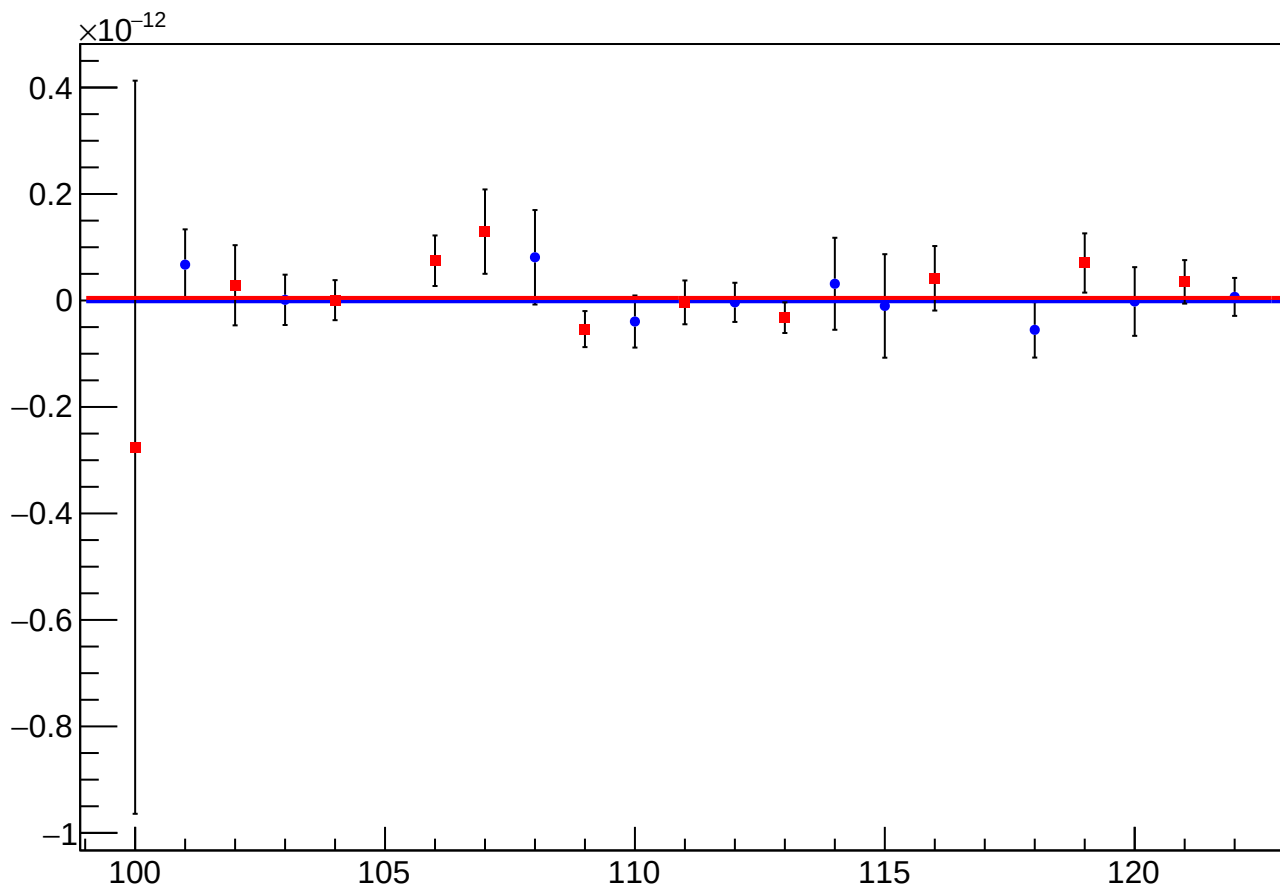
Right: 51.822+/-0.017 χ^2/NDF : 4349370.8/20

In: 48.843+/-0.024 χ^2/NDF : 2383385.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.822+/-0.017 χ^2/NDF : 4349370.8/20

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 : 11.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

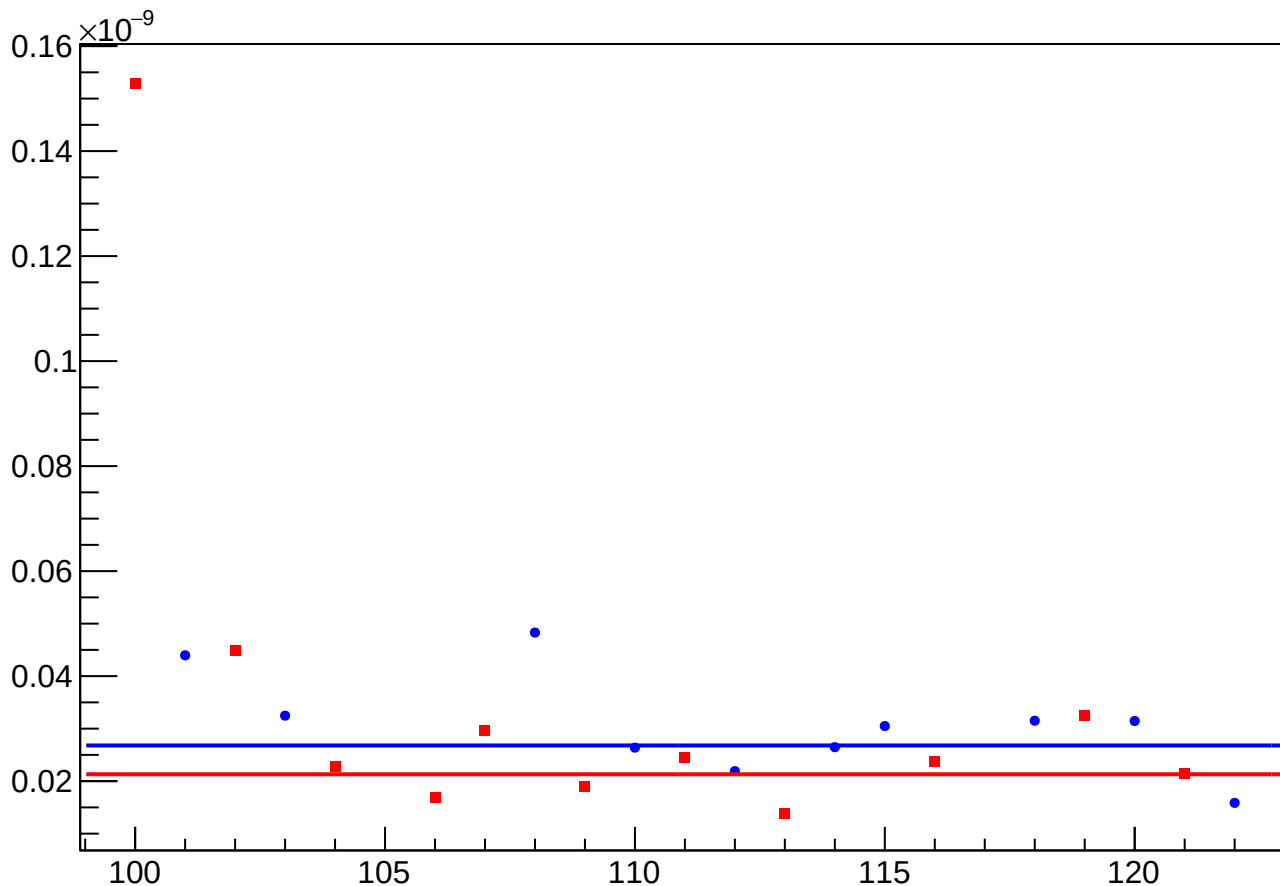
Right: 0.000+/-0.000 χ^2/NDF : 15.8/20

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 : 15.8/20

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 : 554380.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

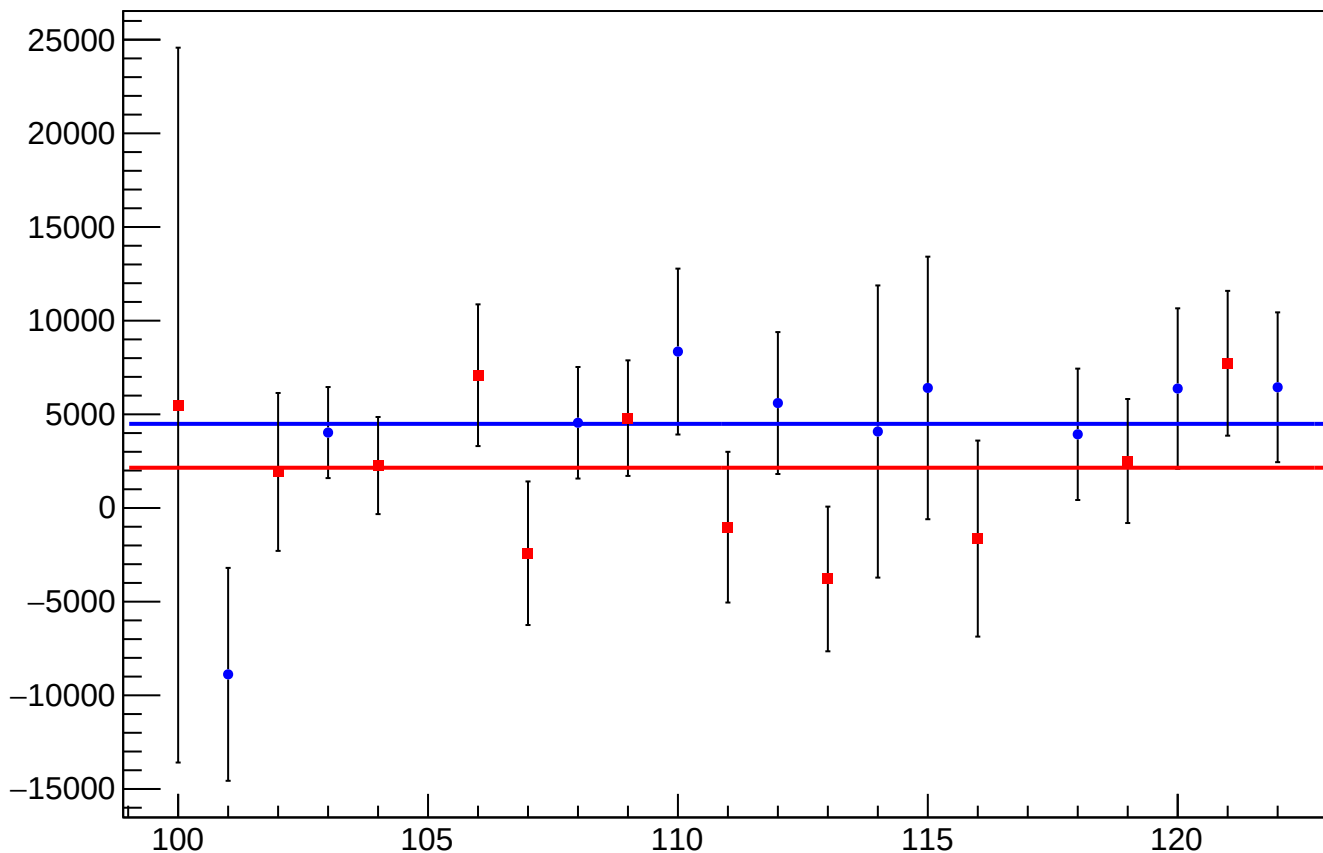
Right: 0.000+/-0.000 χ^2/NDF : 1217649.7/20

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 : 1217649.7/20

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: 2149.567+/-1136.310 χ^2/NDF : 9.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

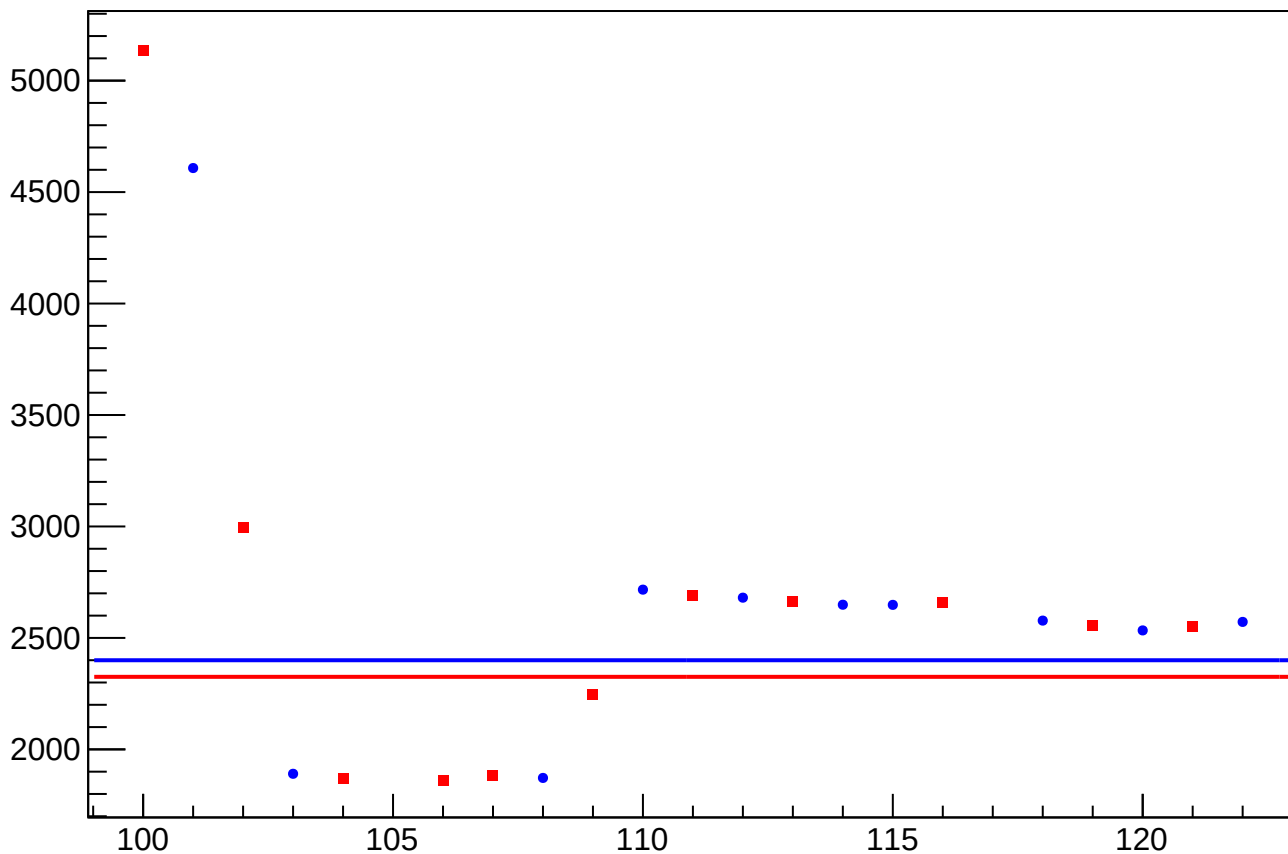
Right: 3234.905+/-832.355 χ^2/NDF : 18.4/20

In: 4491.519+/-1222.687 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3234.905+/-832.355 χ^2/NDF : 18.4/20

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: 2325.457+/-0.803 χ^2/NDF : 271318.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

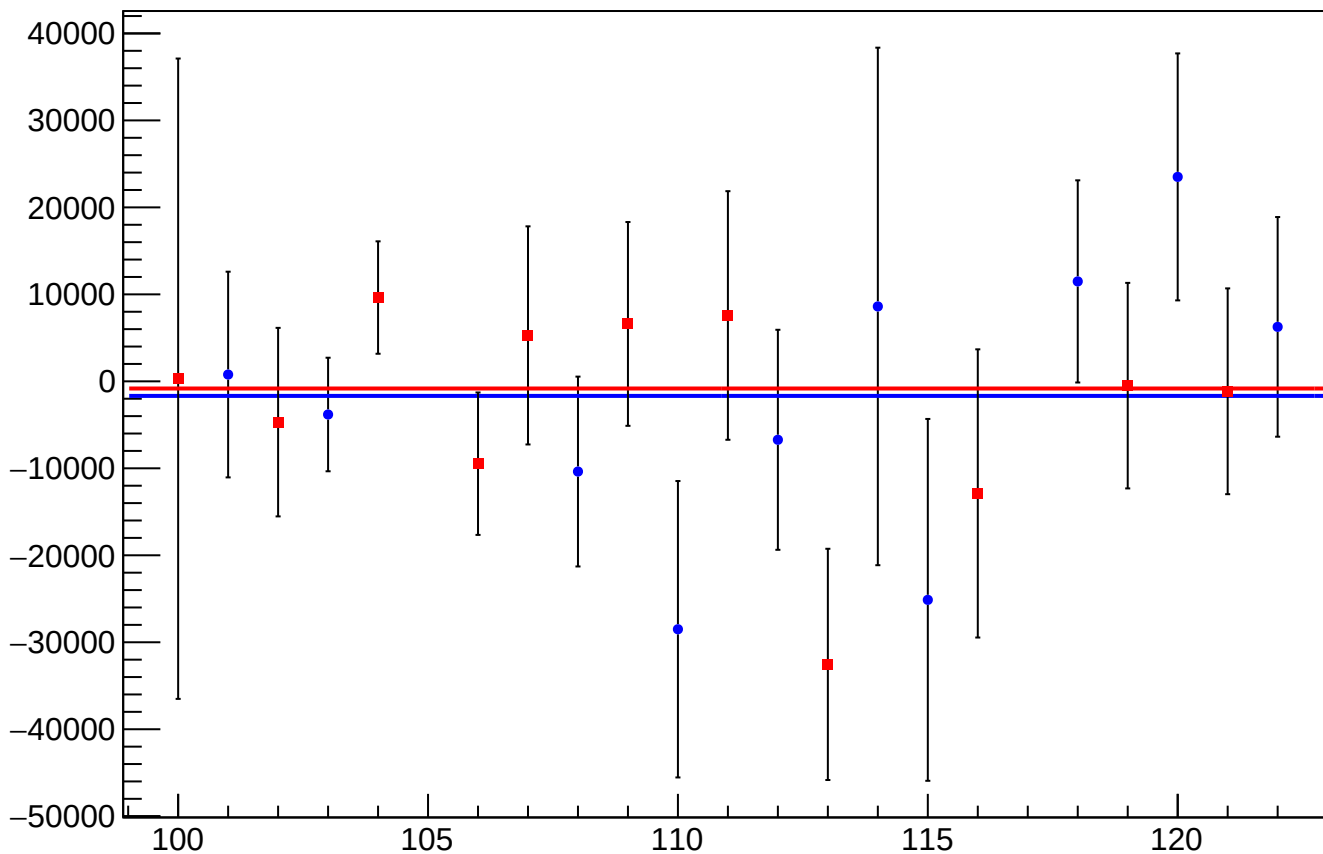
Right: 2359.933+/-0.589 χ^2/NDF : 764489.7/20

In: 2399.850+/-0.865 χ^2/NDF : 489198.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2359.933+/-0.589 χ^2/NDF : 764489.7/20

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: -823.824+/-3328.506 χ^2/NDF : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

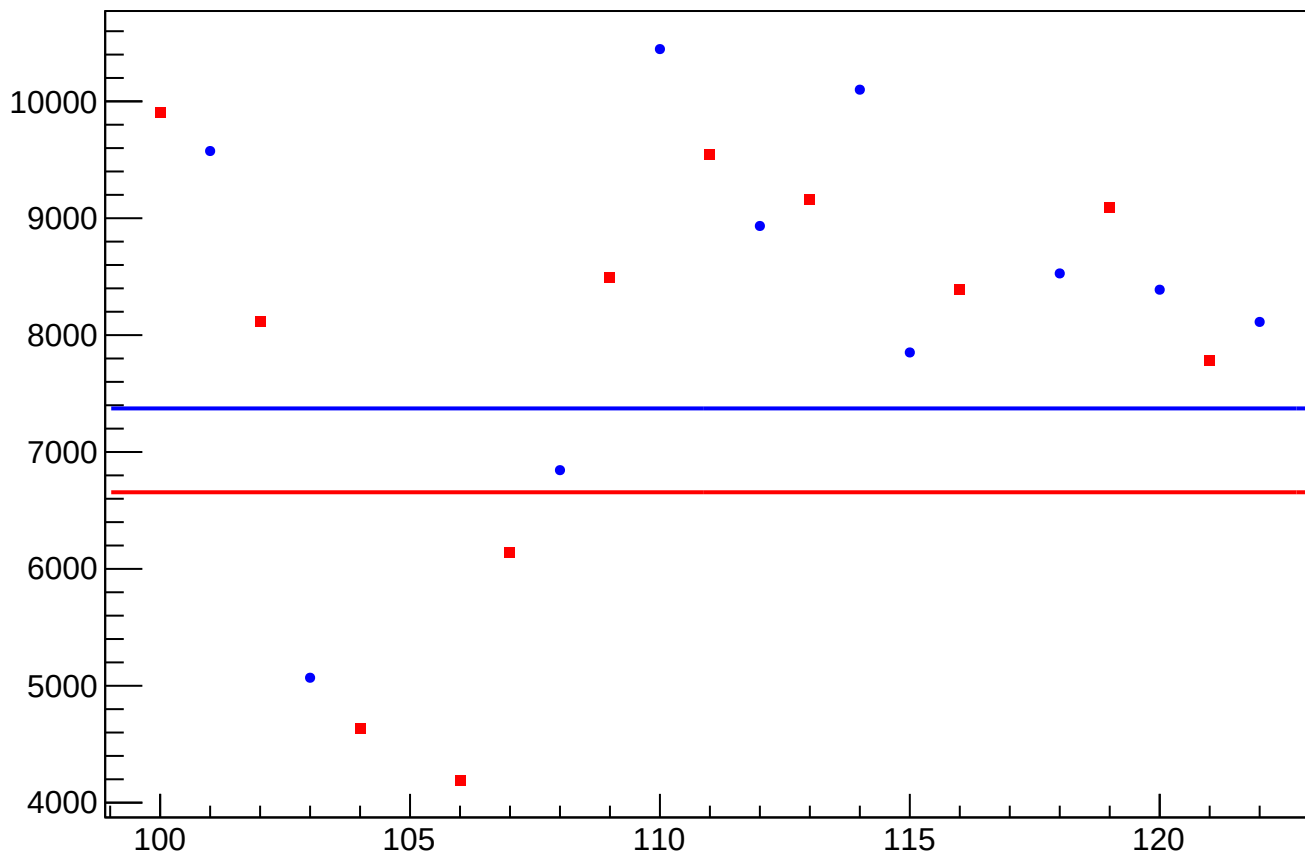
Right: -1197.960+/-2491.861 χ^2/NDF : 20.7/20

In: -1675.034+/-3758.609 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1197.960+/-2491.861 χ^2/NDF : 20.7/20

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: 6655.518+/-2.354 χ^2/NDF : 759395.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

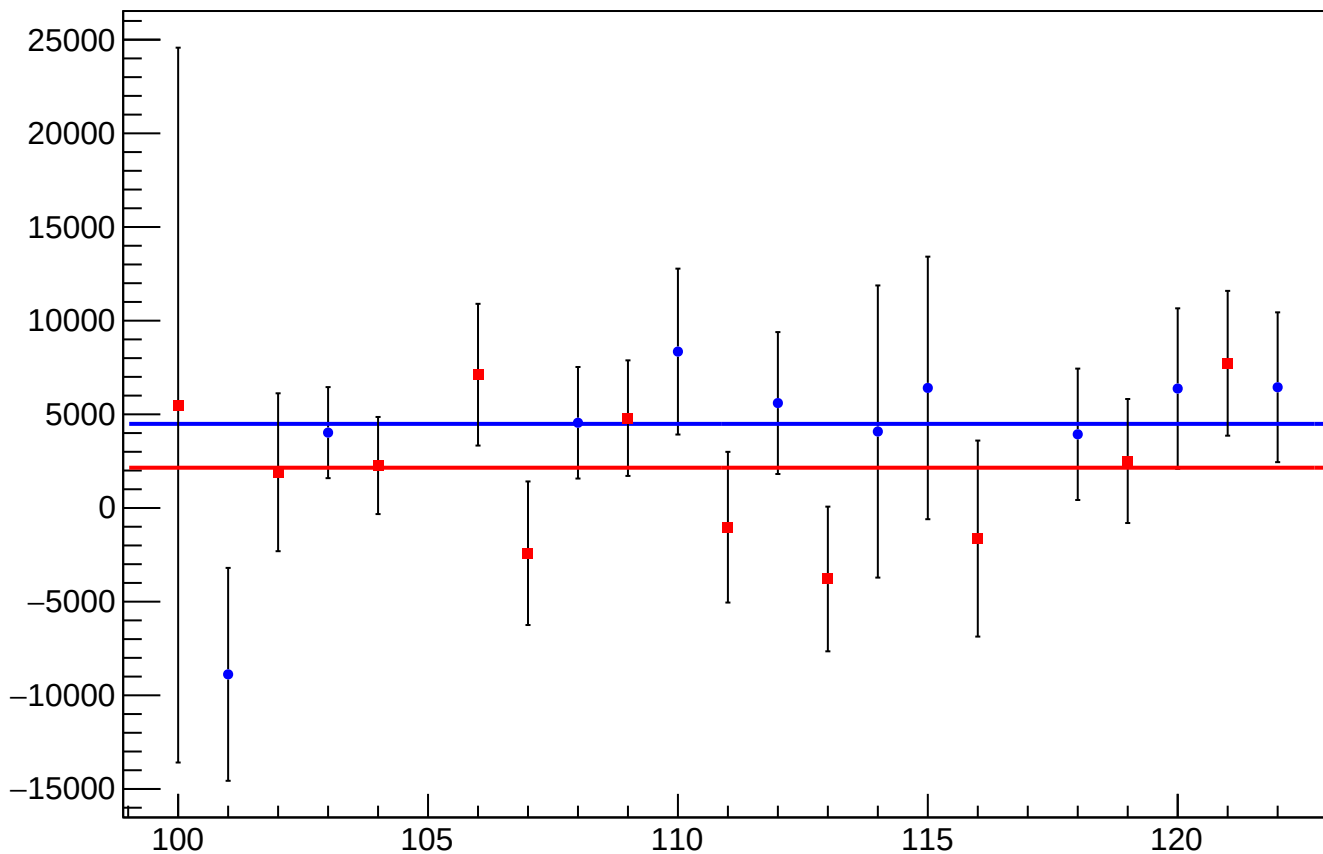
Right: 6970.816+/-1.762 χ^2/NDF : 1273718.3/20

In: 7372.863+/-2.658 χ^2/NDF : 473493.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6970.816+/-1.762 χ^2/NDF : 1273718.3/20

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: 2150.701+/-1136.324 χ^2/NDF : 9.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

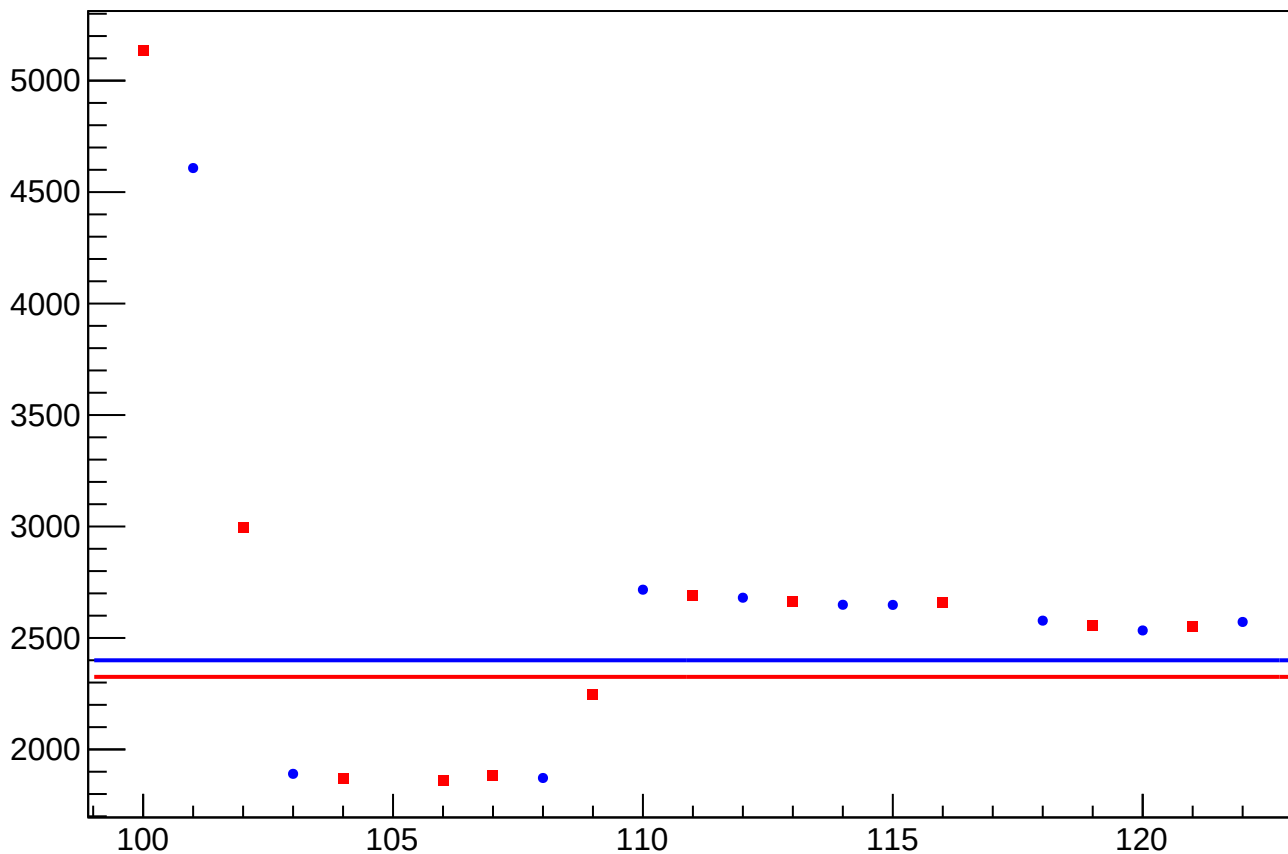
Right: 3235.195+/-832.361 χ^2/NDF : 18.4/20

In: 4490.802+/-1222.688 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3235.195+/-832.361 χ^2/NDF : 18.4/20

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: 2325.491+/-0.804 χ^2/NDF : 271277.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

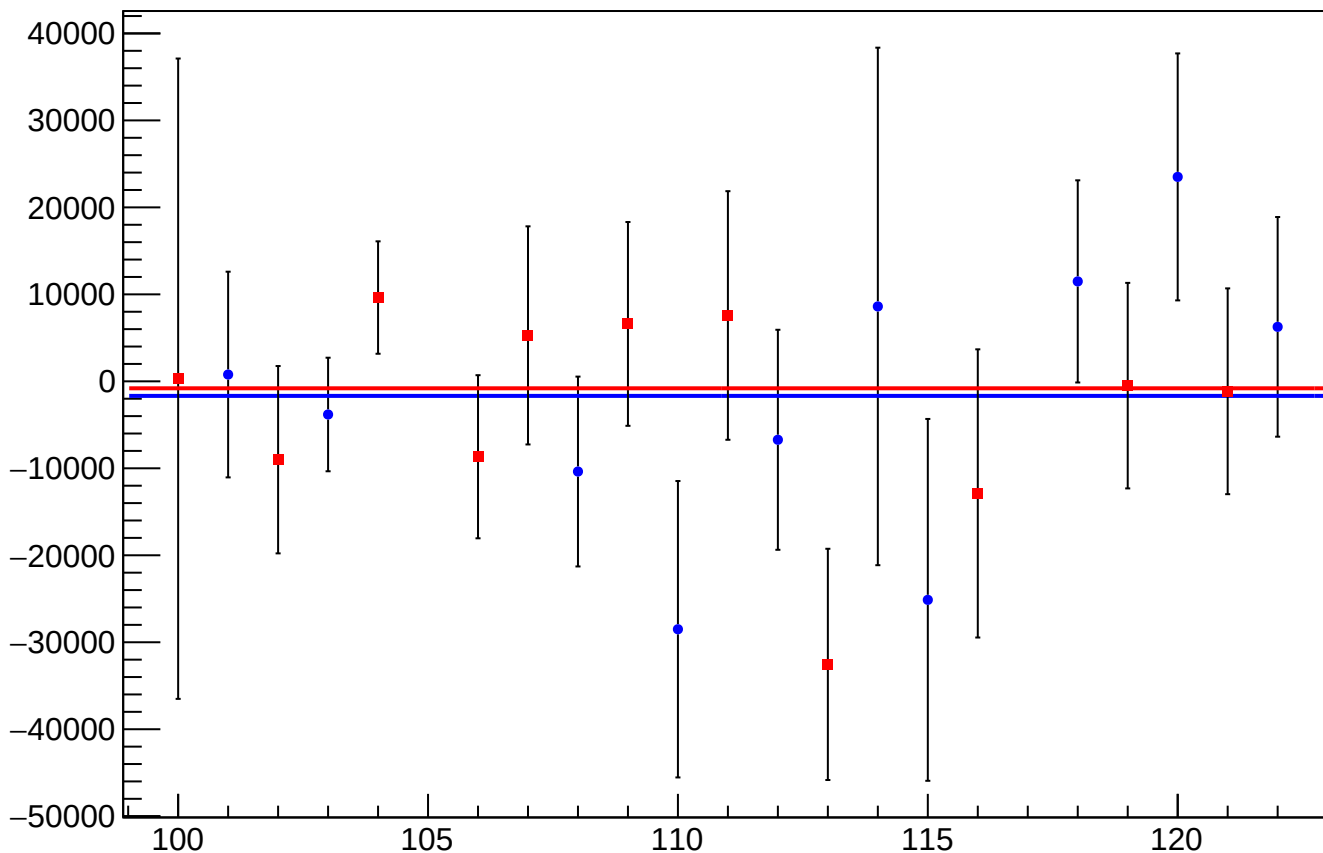
Right: 2359.952+/-0.589 χ^2/NDF : 764443.7/20

In: 2399.851+/-0.865 χ^2/NDF : 489197.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2359.952+/-0.589 χ^2/NDF : 764443.7/20

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: -800.795+/-3393.700 χ^2/NDF : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

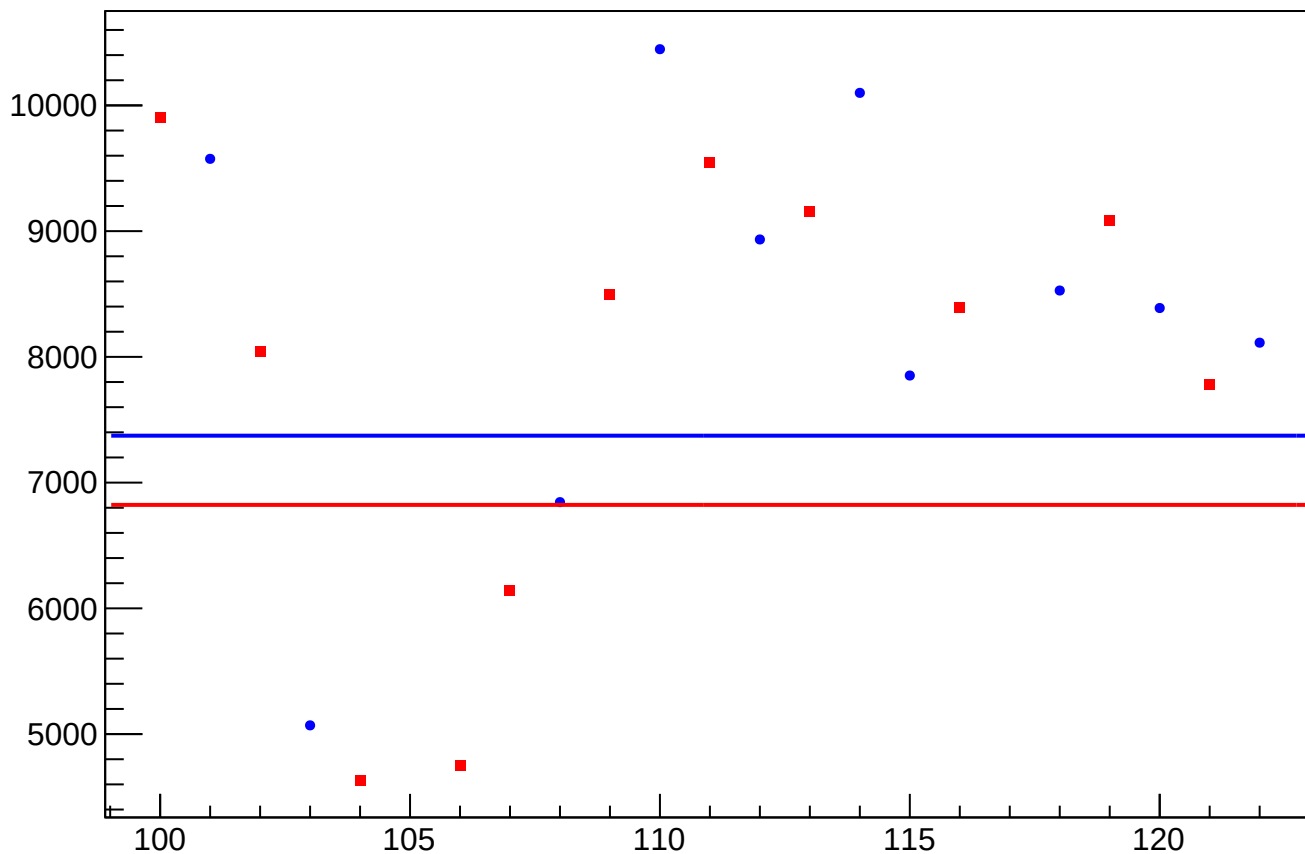
Right: -1193.186+/-2518.914 χ^2/NDF : 20.8/20

In: -1674.540+/-3758.772 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1193.186+/-2518.914 χ^2/NDF : 20.8/20

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: 6822.884+/-2.400 χ^2/NDF : 653267.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

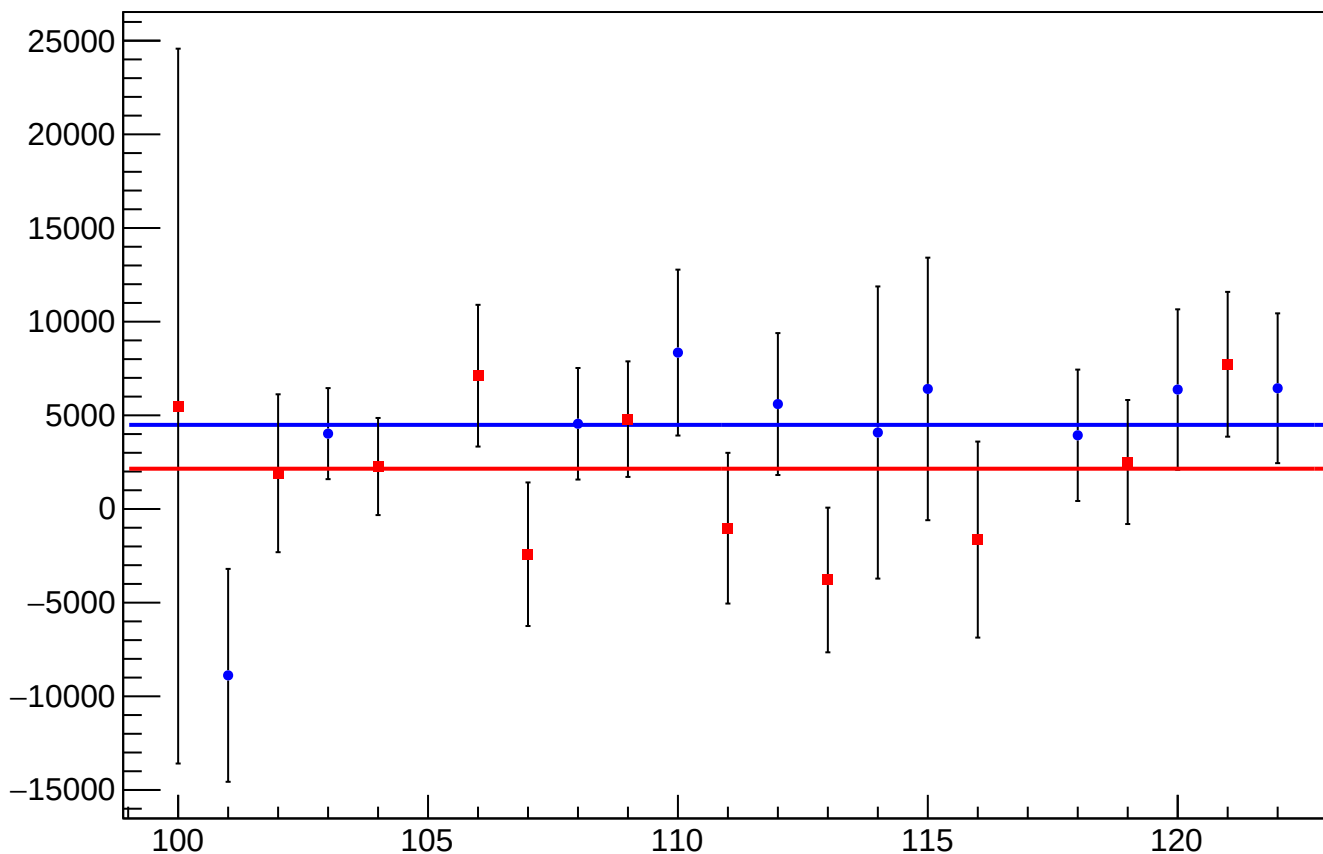
Right: 7070.071+/-1.781 χ^2/NDF : 1150165.3/20

In: 7373.299+/-2.658 χ^2/NDF : 473271.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7070.071+/-1.781 χ^2/NDF : 1150165.3/20

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: 2150.701+/-1136.324 χ^2/NDF : 9.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

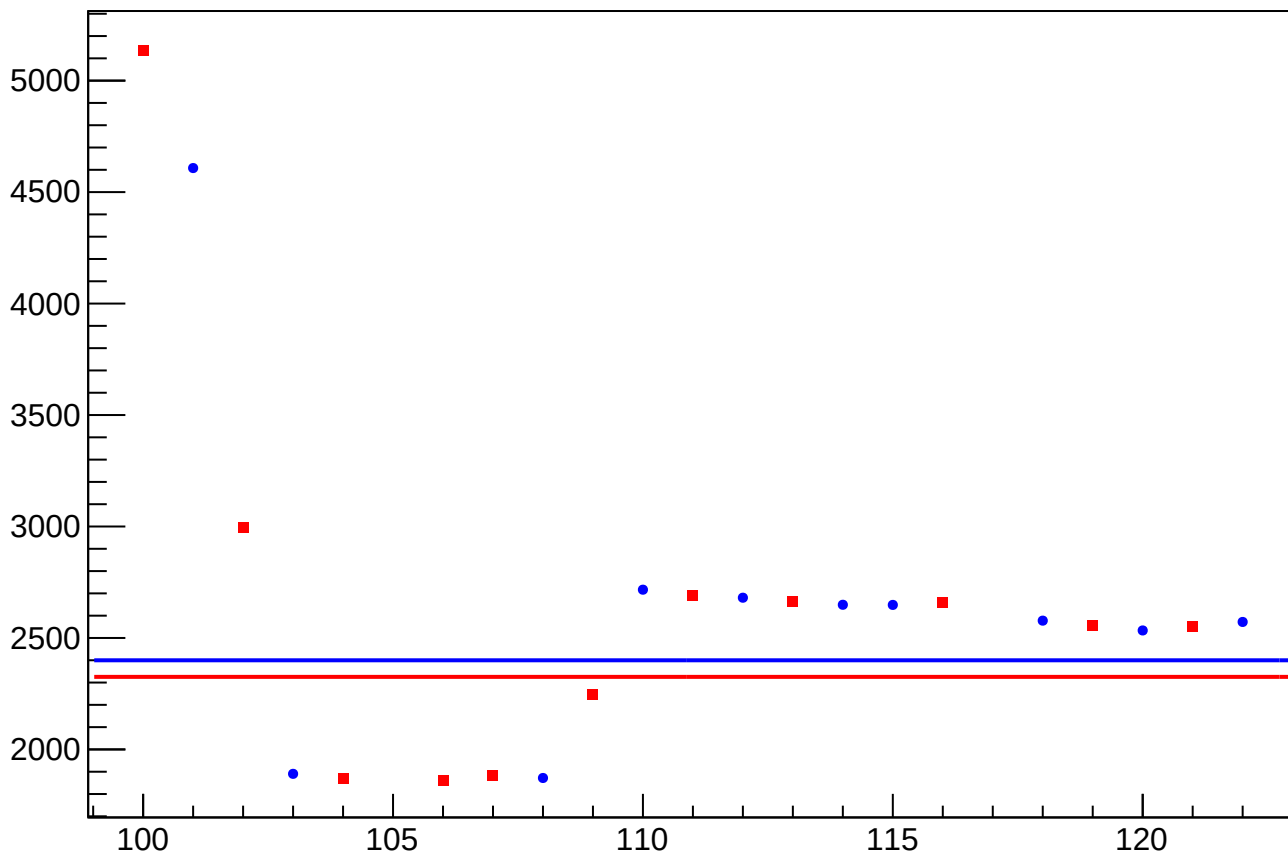
Right: 3235.195+/-832.361 χ^2/NDF : 18.4/20

In: 4490.802+/-1222.688 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3235.195+/-832.361 χ^2/NDF : 18.4/20

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: 2325.491+/-0.804 χ^2/NDF : 271277.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

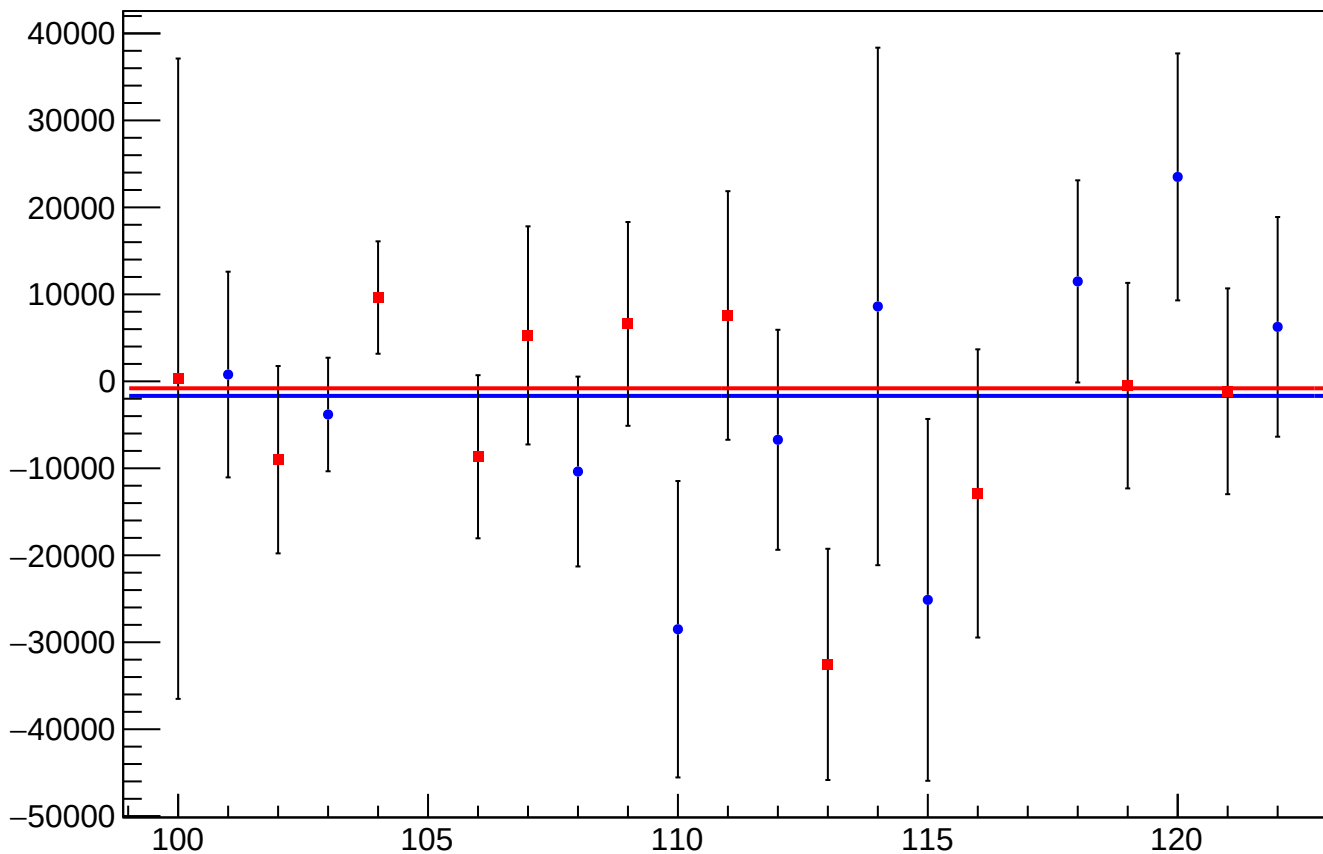
Right: 2359.952+/-0.589 χ^2/NDF : 764443.7/20

In: 2399.851+/-0.865 χ^2/NDF :489197.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2359.952+/-0.589 χ^2/NDF : 764443.7/20

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: -800.795+/-3393.700 χ^2/NDF : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

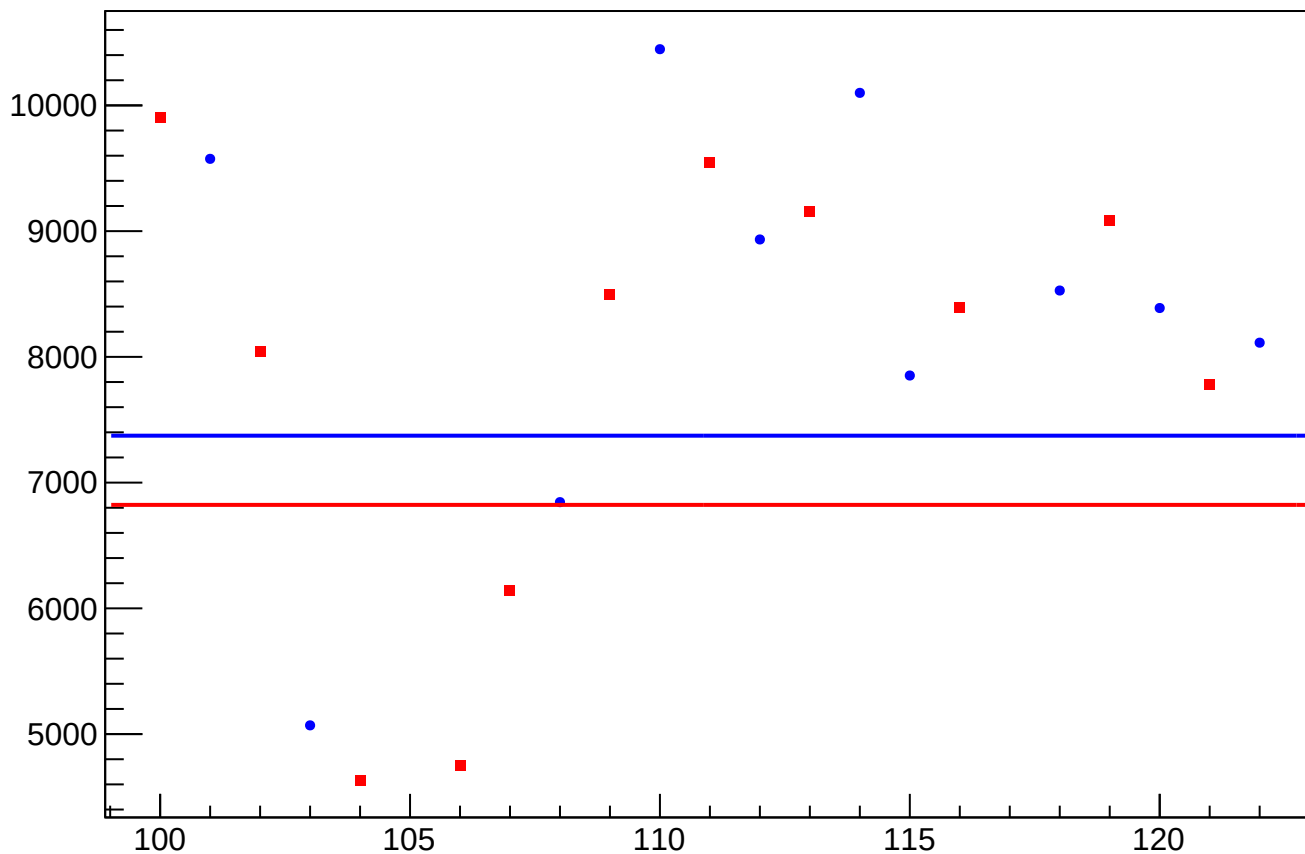
Right: -1193.186+/-2518.914 χ^2/NDF : 20.8/20

In: -1674.540+/-3758.772 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1193.186+/-2518.914 χ^2/NDF : 20.8/20

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: 6822.884+/-2.400 χ^2/NDF : 653267.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

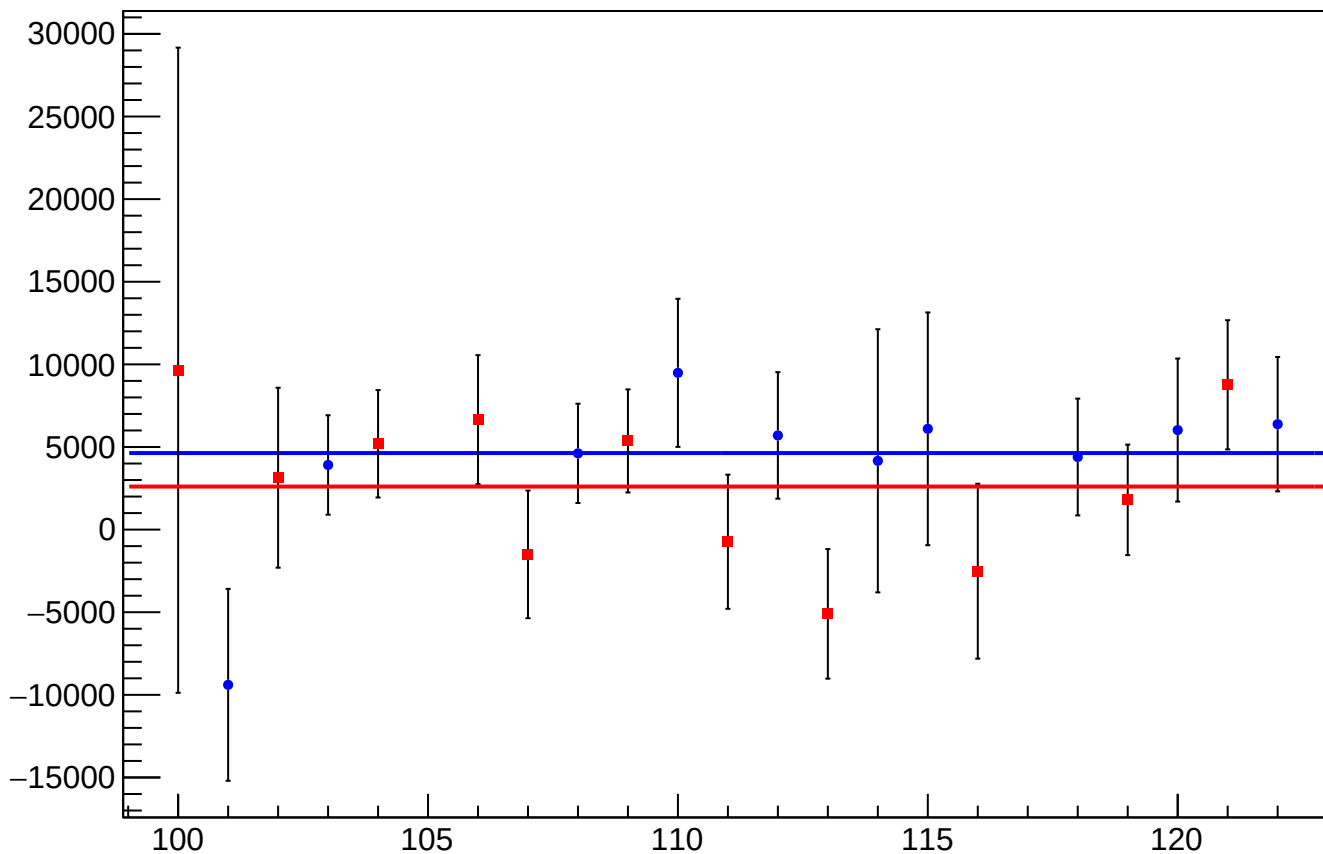
Right: 7070.071+/-1.781 χ^2/NDF : 1150165.3/20

In: 7373.299+/-2.658 χ^2/NDF : 473271.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7070.071+/-1.781 χ^2/NDF : 1150165.3/20

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: 2606.073+/-1210.163 χ^2/NDF : 11.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

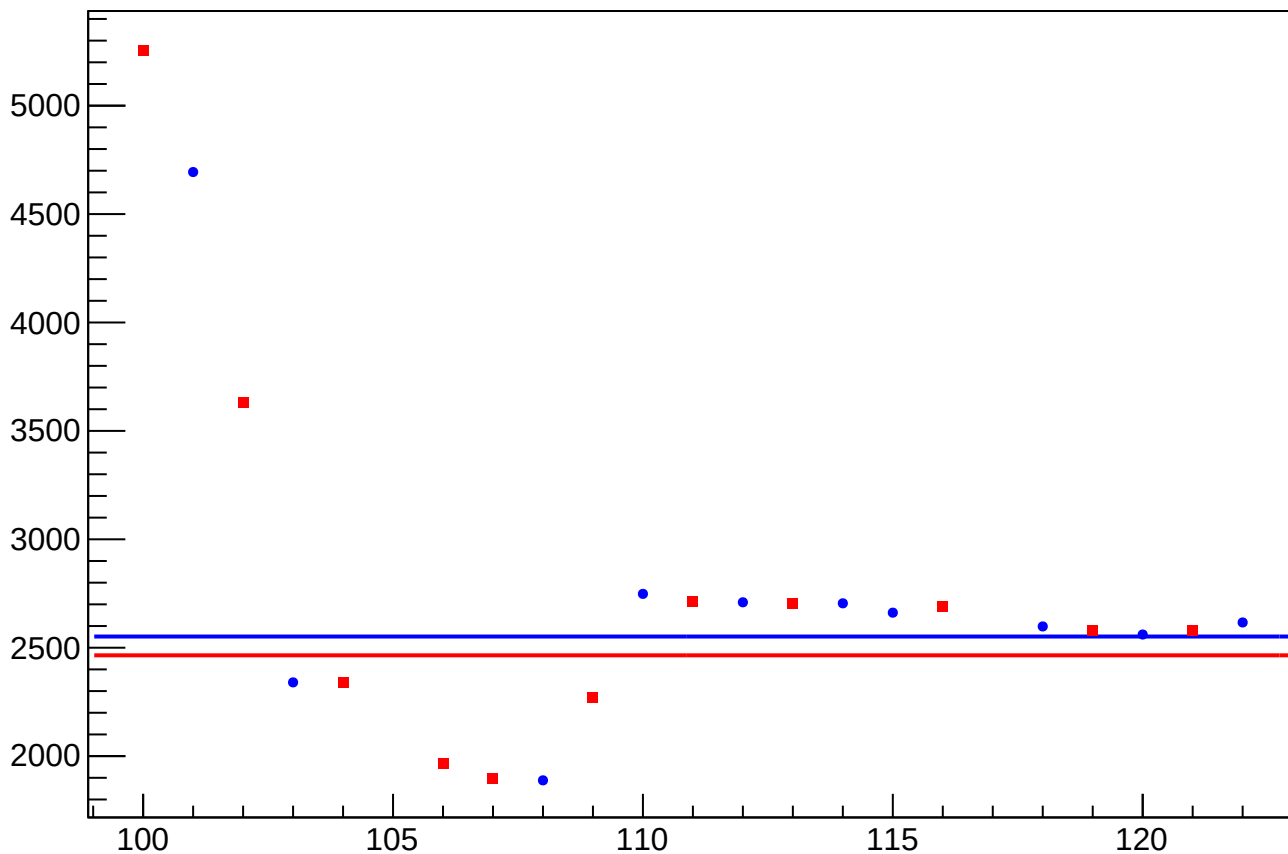
Right: 3552.931+/-883.352 χ^2/NDF : 20.6/20

In: 4632.824+/-1292.385 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3552.931+/-883.352 χ^2/NDF : 20.6/20

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: 2464.900+/-0.855 χ^2/NDF : 242512.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

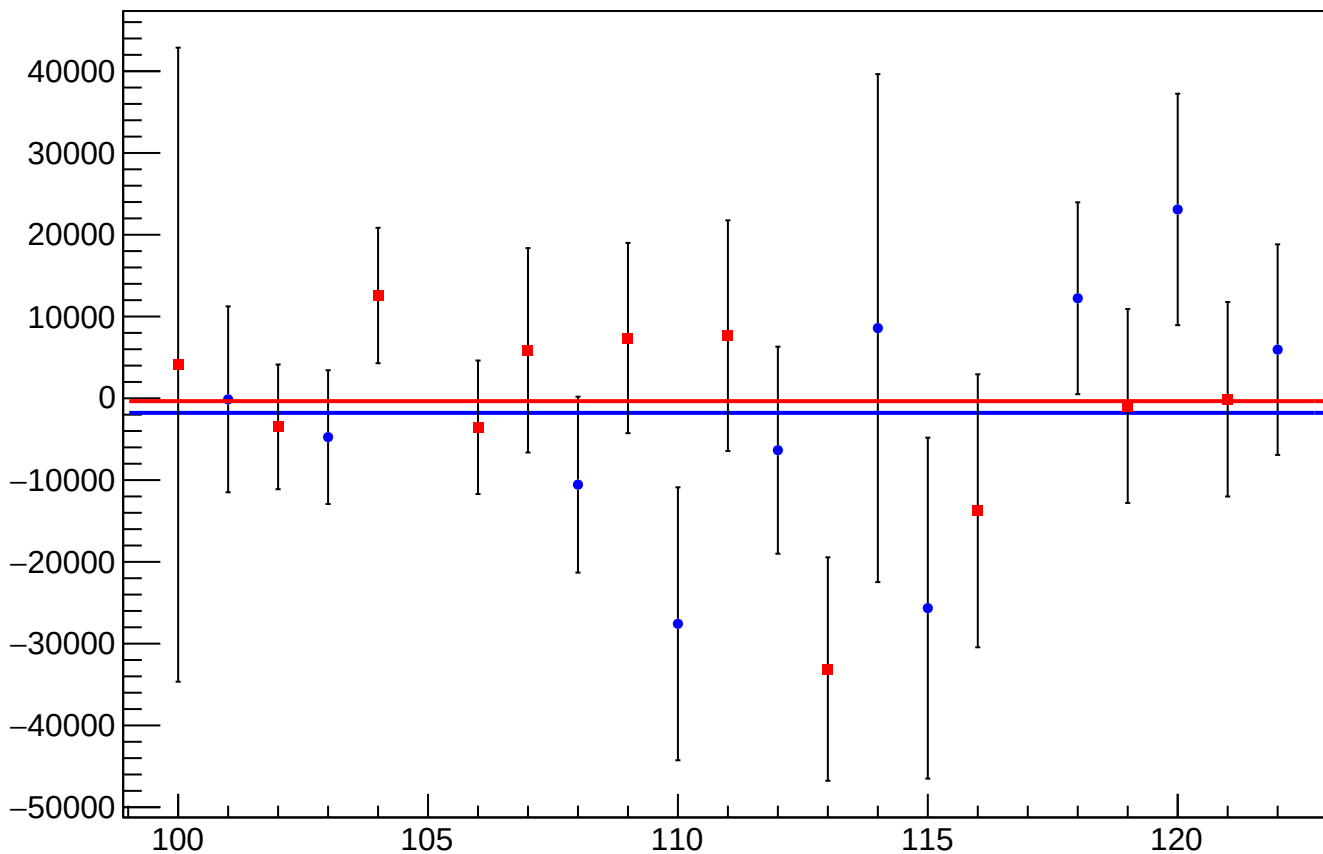
Right: 2505.385+/-0.624 χ^2/NDF : 636249.6/20

In: 2551.643+/-0.914 χ^2/NDF : 388932.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2505.385+/-0.624 χ^2/NDF : 636249.6/20

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: -345.780+/-3344.411 χ^2/NDF : 10.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

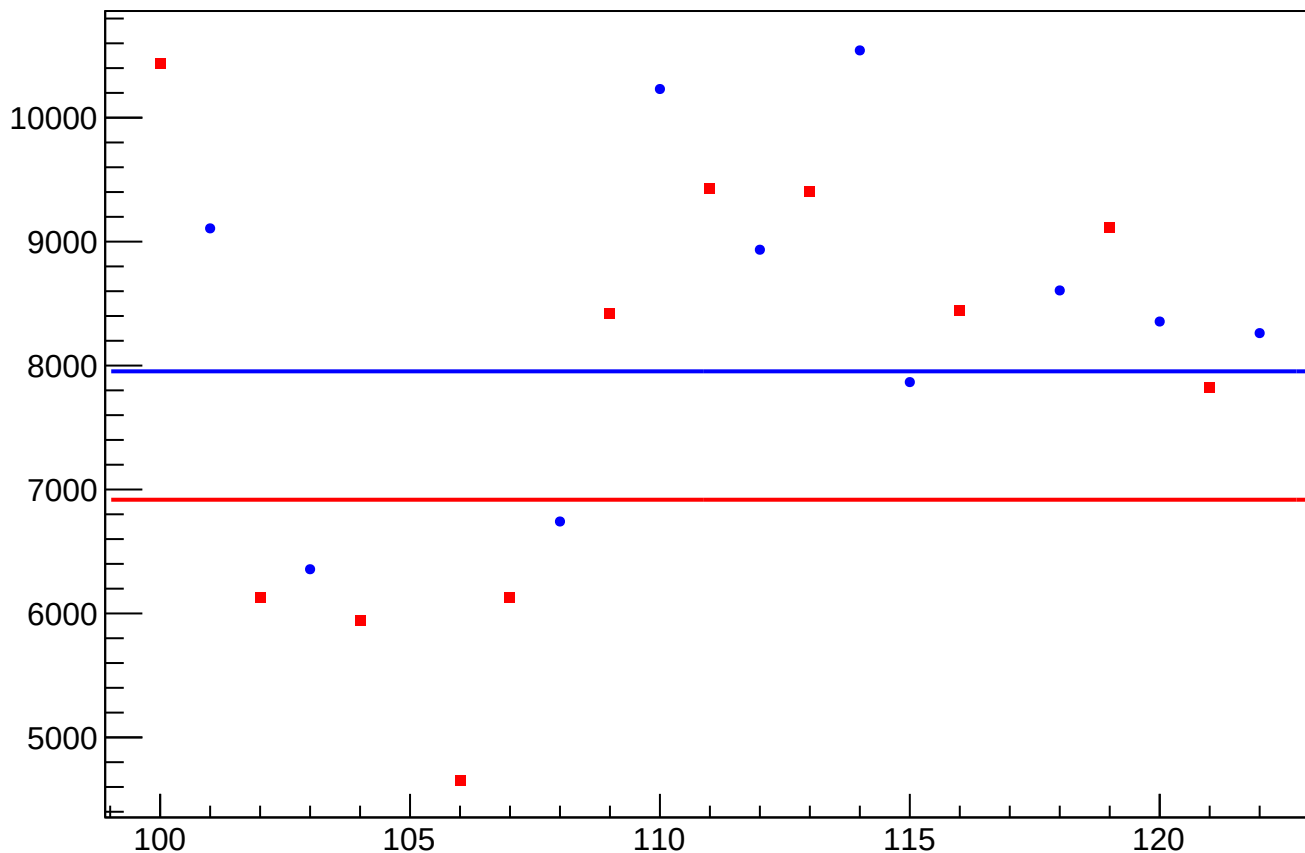
Right: -936.841+/-2563.244 χ^2/NDF : 19.9/20

In: -1778.339+/-3990.525 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -936.841+/-2563.244 χ^2/NDF : 19.9/20

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: 6917.557+/-2.365 χ^2/NDF : 487342.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

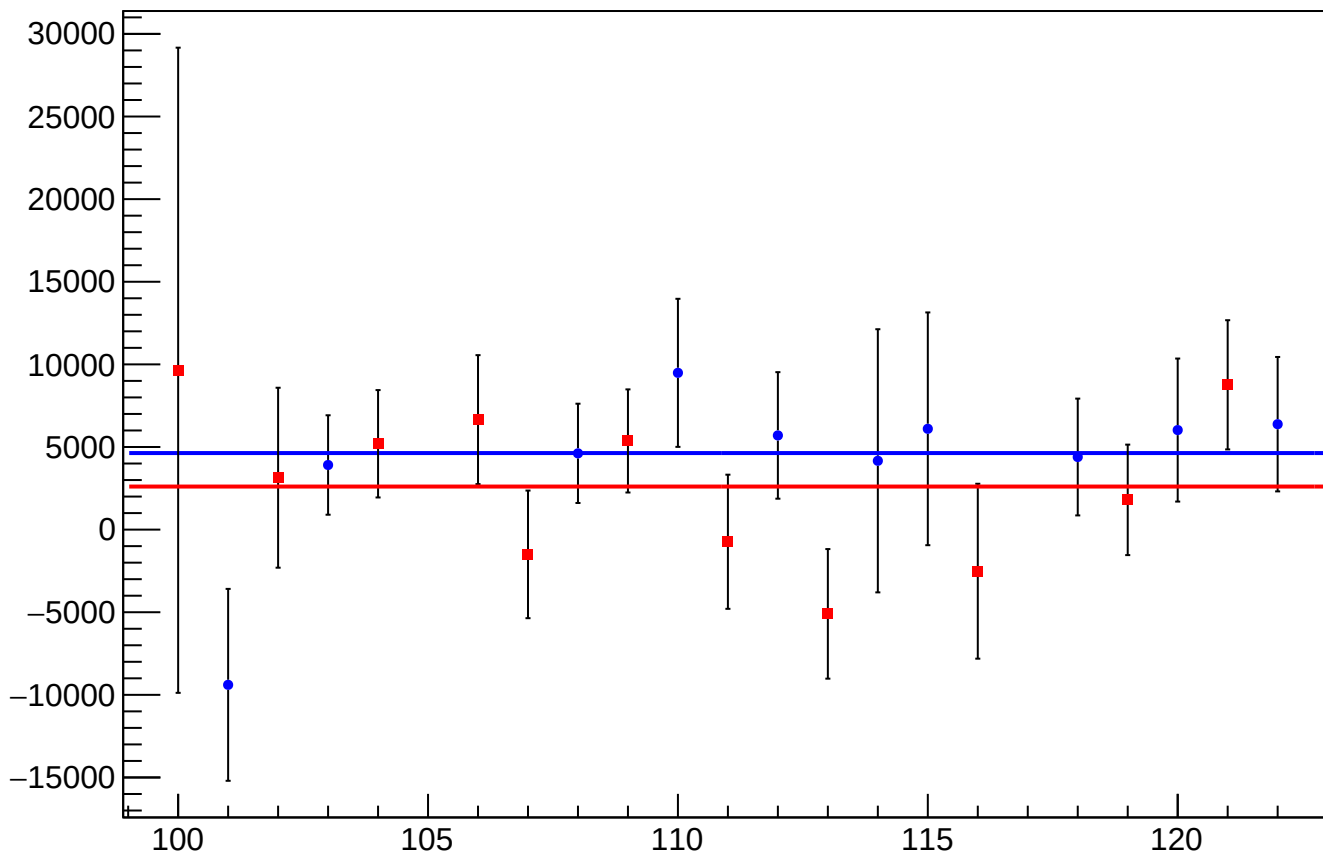
Right: 7344.963+/-1.812 χ^2/NDF : 760851.2/20

In: 7953.463+/-2.822 χ^2/NDF : 194340.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7344.963+/-1.812 χ^2/NDF : 760851.2/20

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: 2606.080+/-1210.163 χ^2/NDF : 11.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

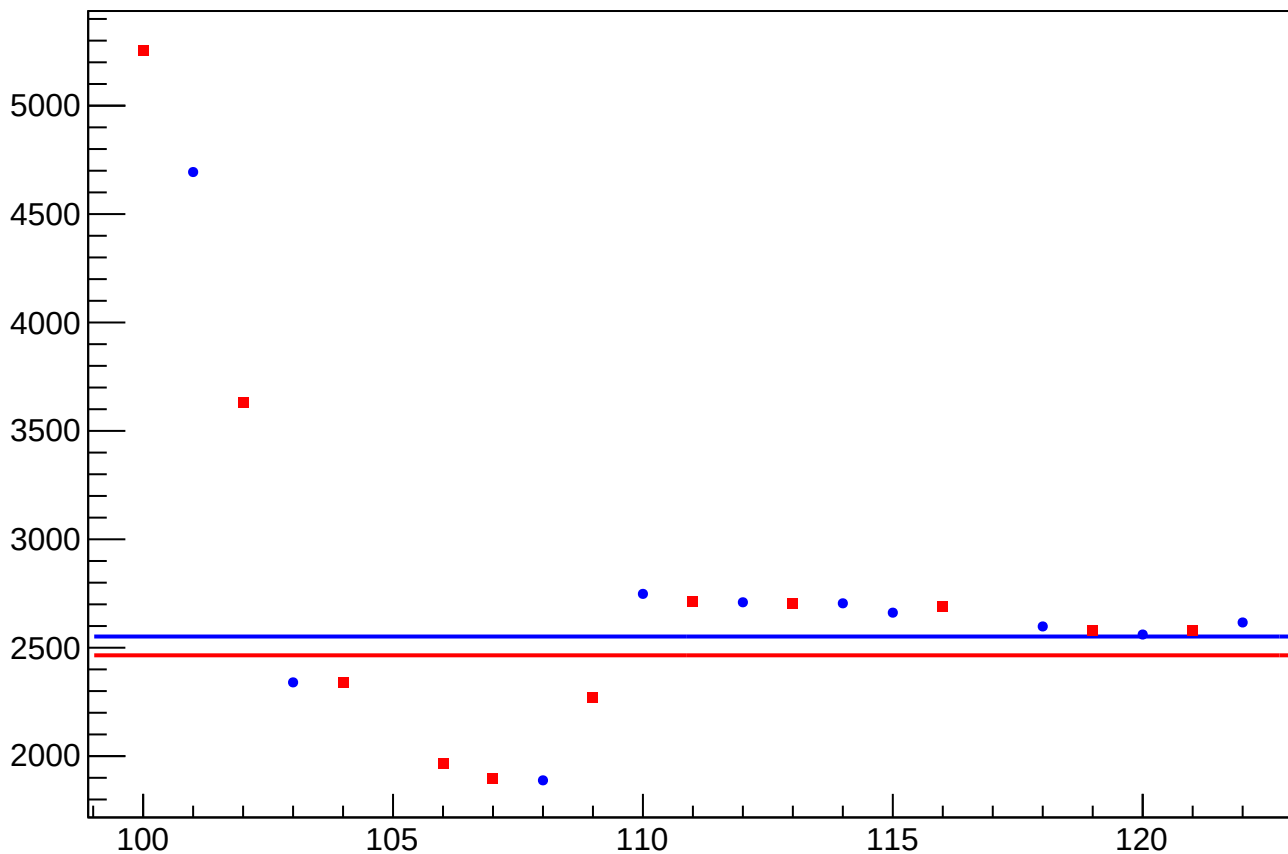
Right: 3552.929+/-883.352 χ^2/NDF : 20.6/20

In: 4632.811+/-1292.384 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3552.929+/-883.352 χ^2/NDF : 20.6/20

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: 2464.899+/-0.855 χ^2/NDF : 242511.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

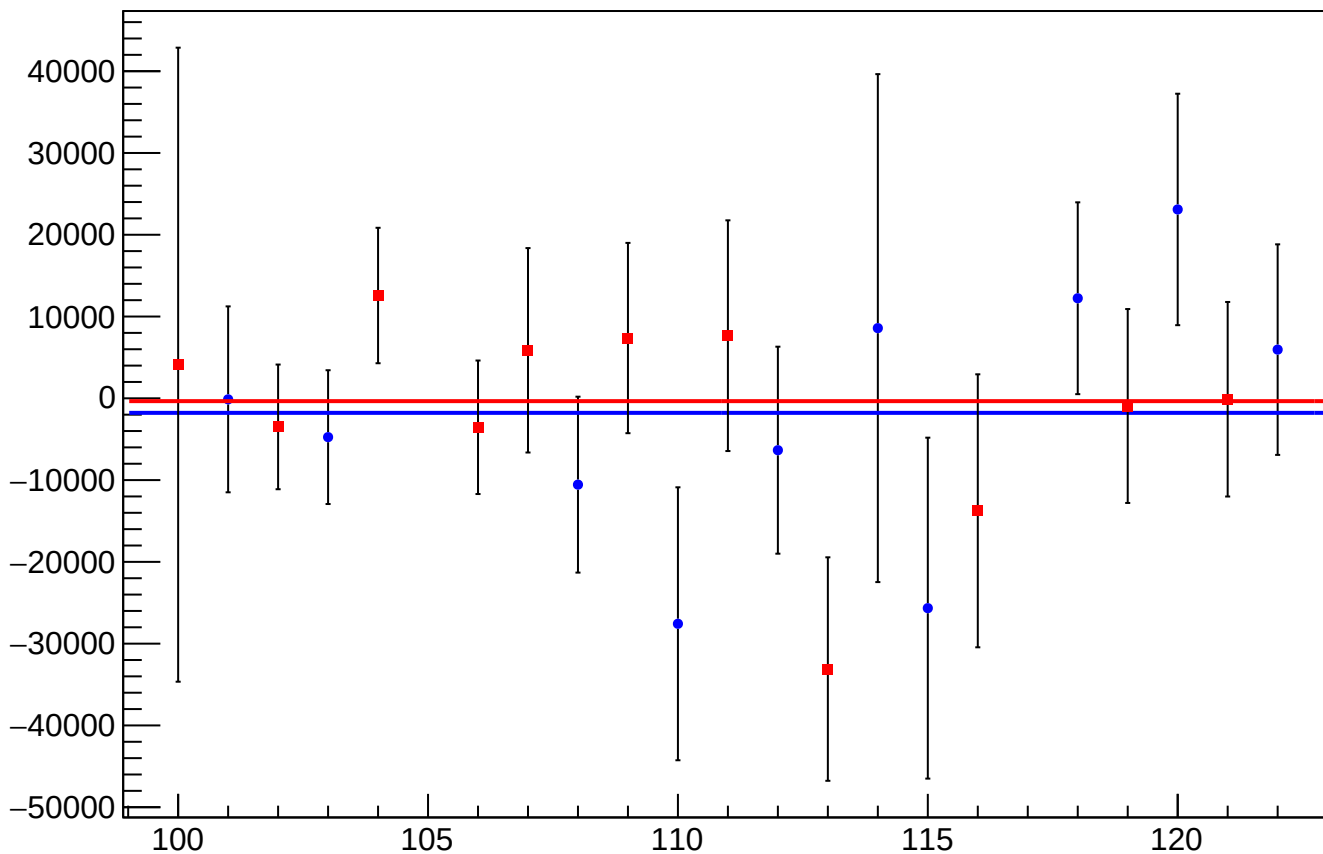
Right: 2505.384+/-0.624 χ^2/NDF : 636249.3/20

In: 2551.642+/-0.914 χ^2/NDF : 388932.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2505.384+/-0.624 χ^2/NDF : 636249.3/20

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: -345.776+/-3344.405 χ^2/NDF : 10.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

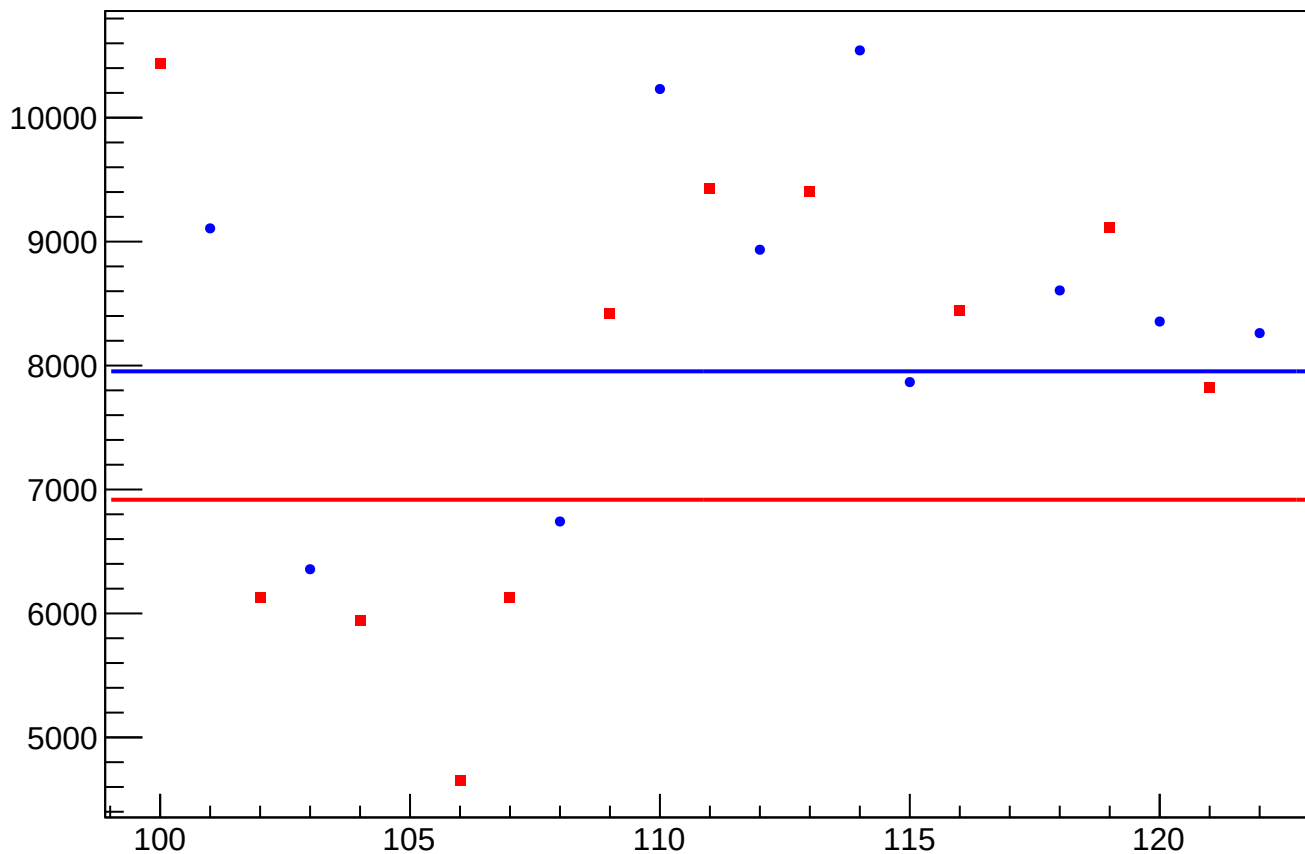
Right: -936.831+/-2563.239 χ^2/NDF : 19.9/20

In: -1778.321+/-3990.517 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -936.831+/-2563.239 χ^2/NDF : 19.9/20

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: 6917.545+/-2.365 χ^2/NDF : 487341.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

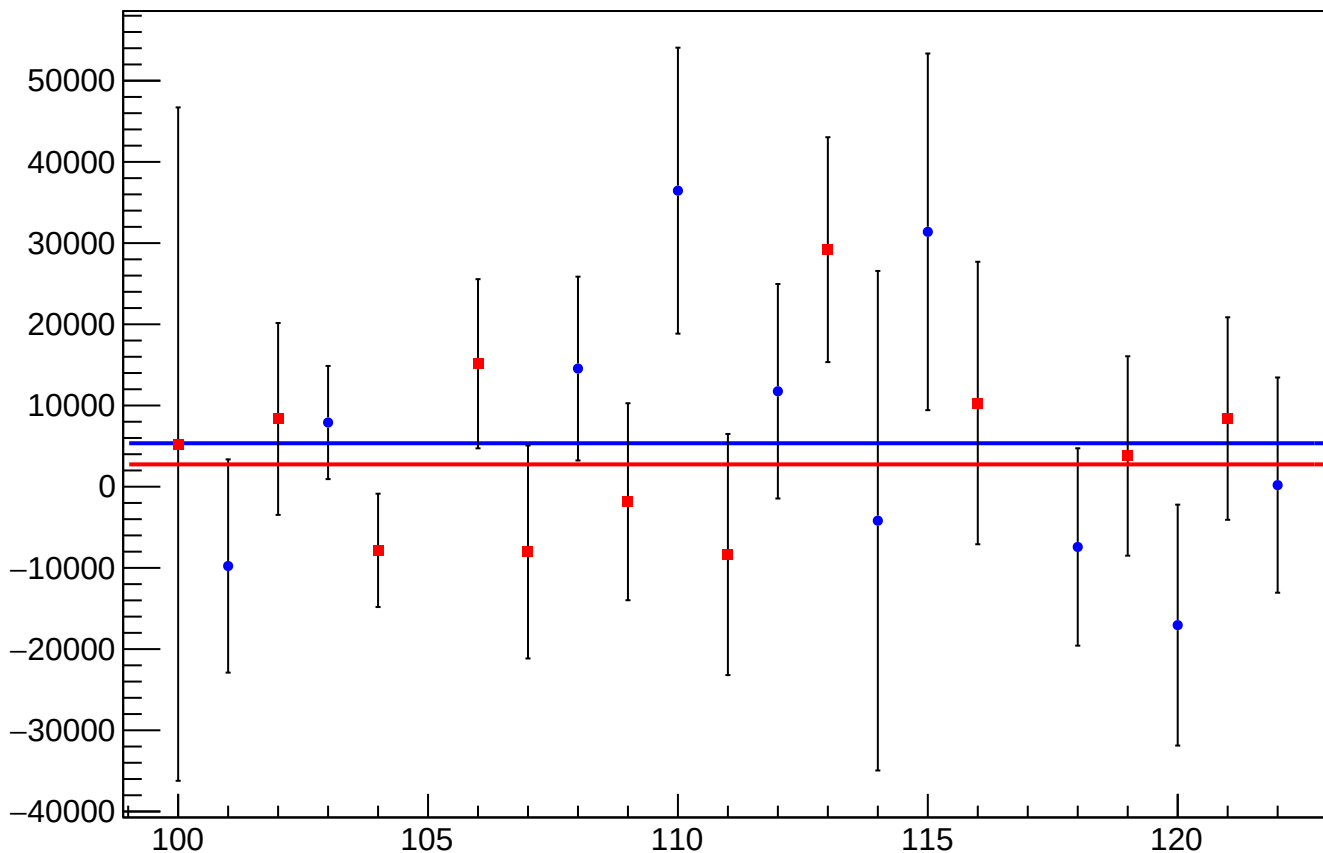
Right: 7344.950+/-1.812 χ^2/NDF : 760846.8/20

In: 7953.449+/-2.822 χ^2/NDF : 194337.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7344.950+/-1.812 χ^2/NDF : 760846.8/20

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: 2749.984+/-3622.315 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

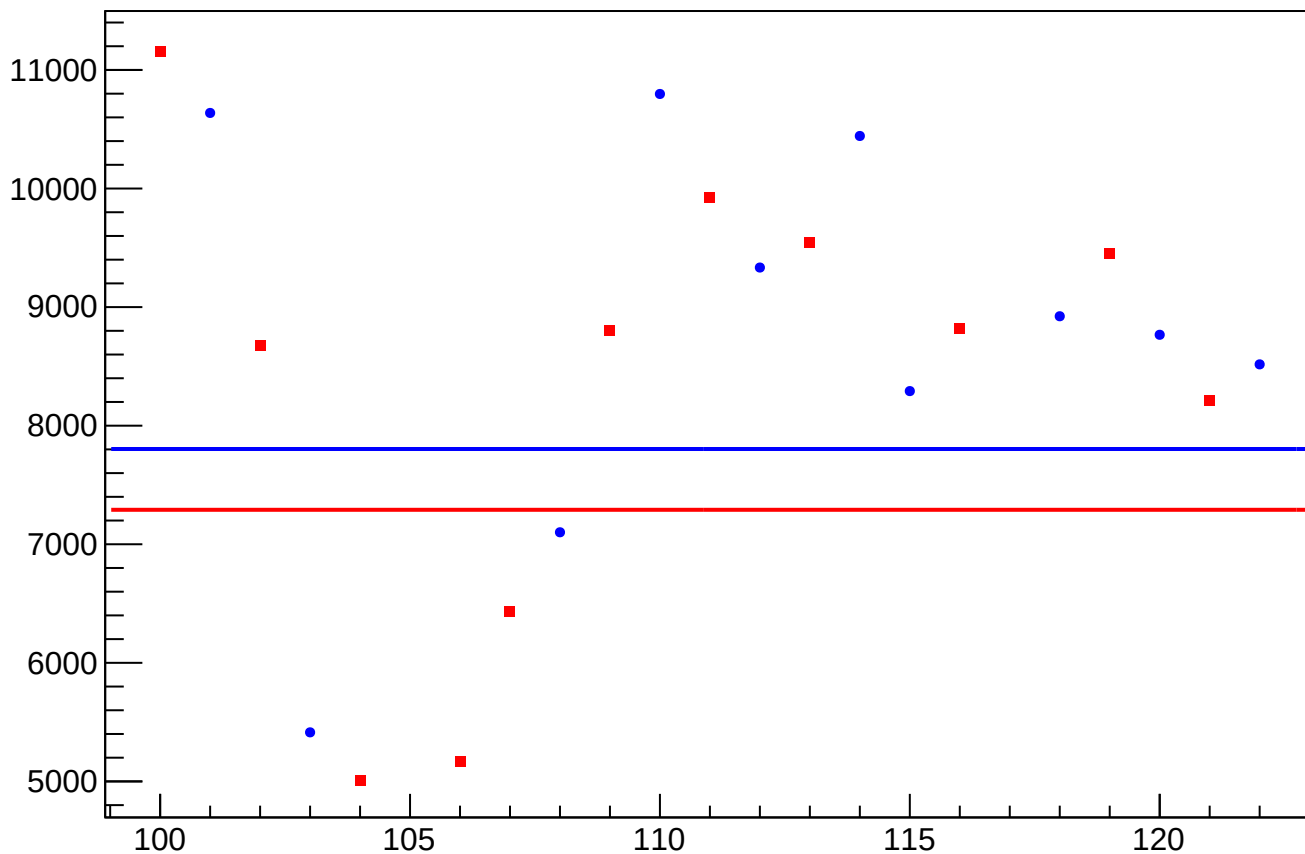
Right: 3930.039+/-2677.443 χ^2/NDF : 20.1/20

In: 5351.208+/-3975.192 χ^2/NDF :10.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3930.039+/-2677.443 χ^2/NDF : 20.1/20

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: 7290.625+/-2.561 χ^2/NDF : 584702.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

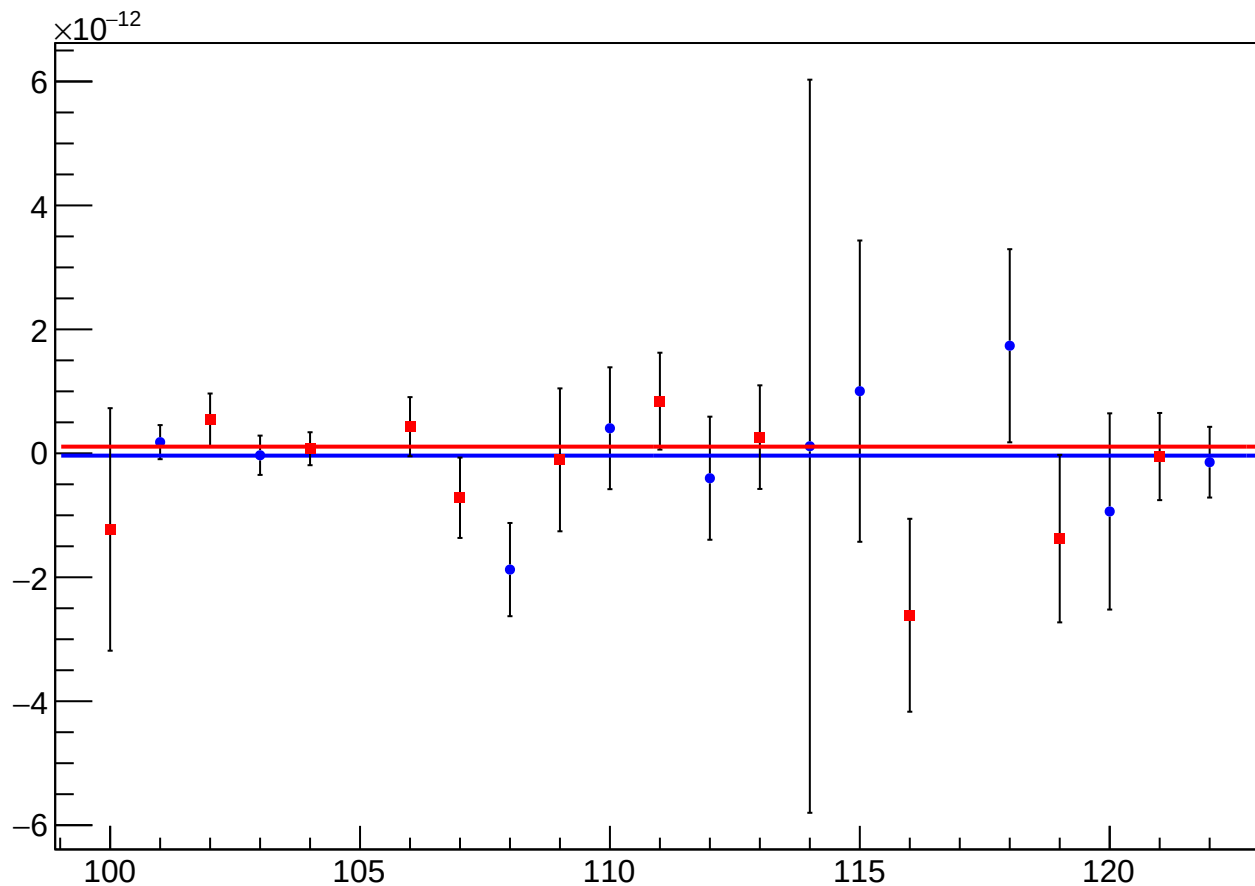
Right: 7523.200+/-1.893 χ^2/NDF : 1070445.2/20

In: 7803.310+/-2.811 χ^2/NDF : 467567.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7523.200+/-1.893 χ^2/NDF : 1070445.2/20

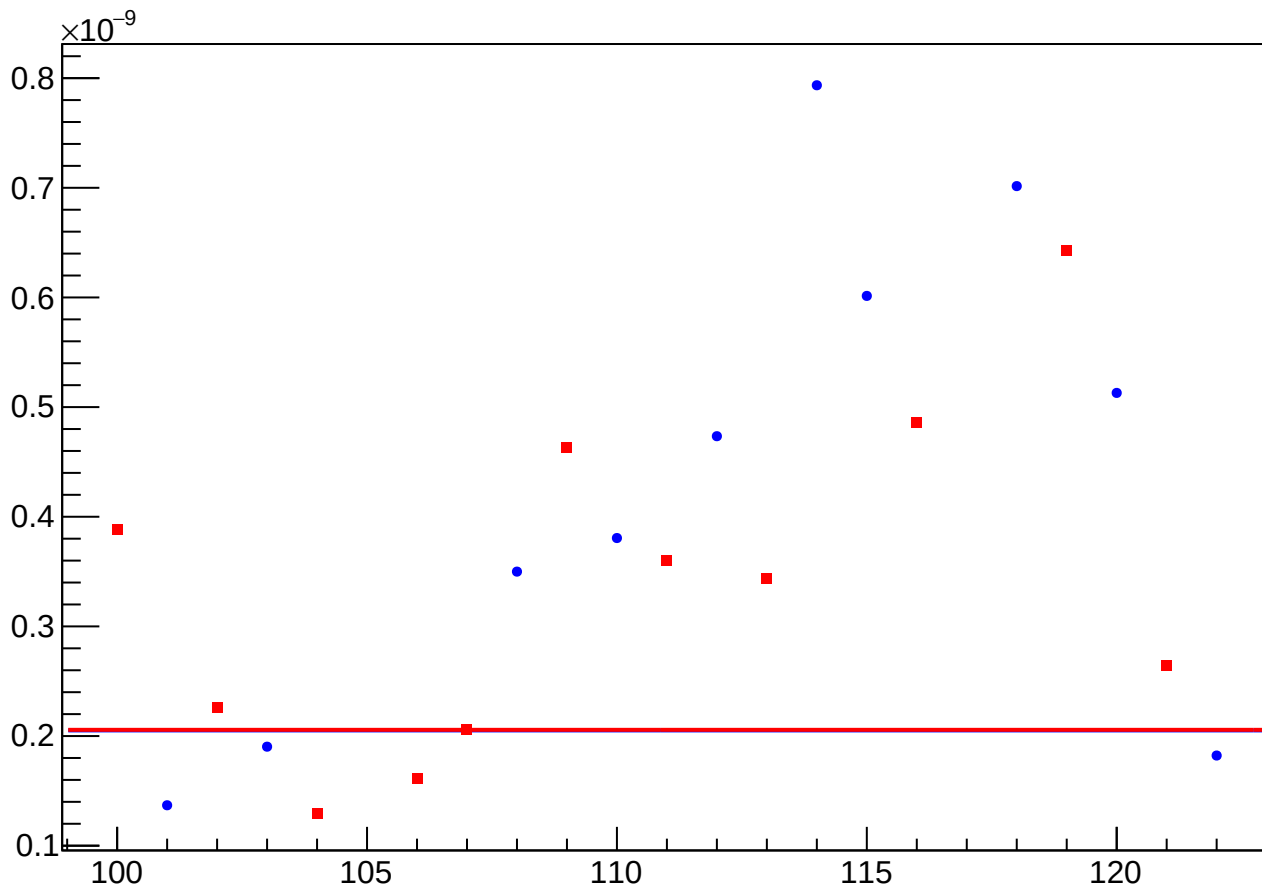
asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 8.8/10
 Left In: 0.000+/-0.000 χ^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 : 8.8/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 18.0/20

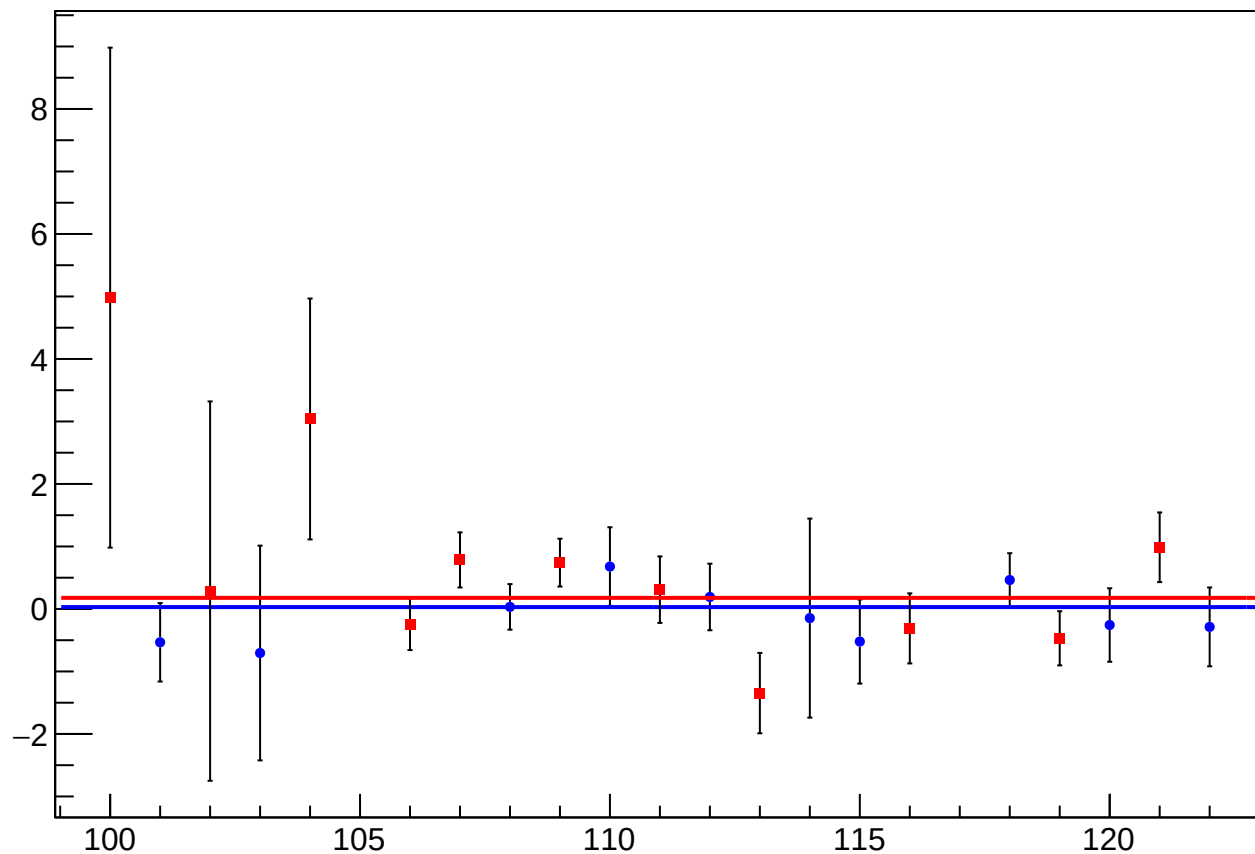
asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 725419.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1491628.2/20
 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 : 1491628.2/20

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030 $\pm$ 0.183 χ^2/NDF : 4.3/9

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

Right Out: 0.178 $\pm$ 0.167 χ^2/NDF : 19.5/10

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

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

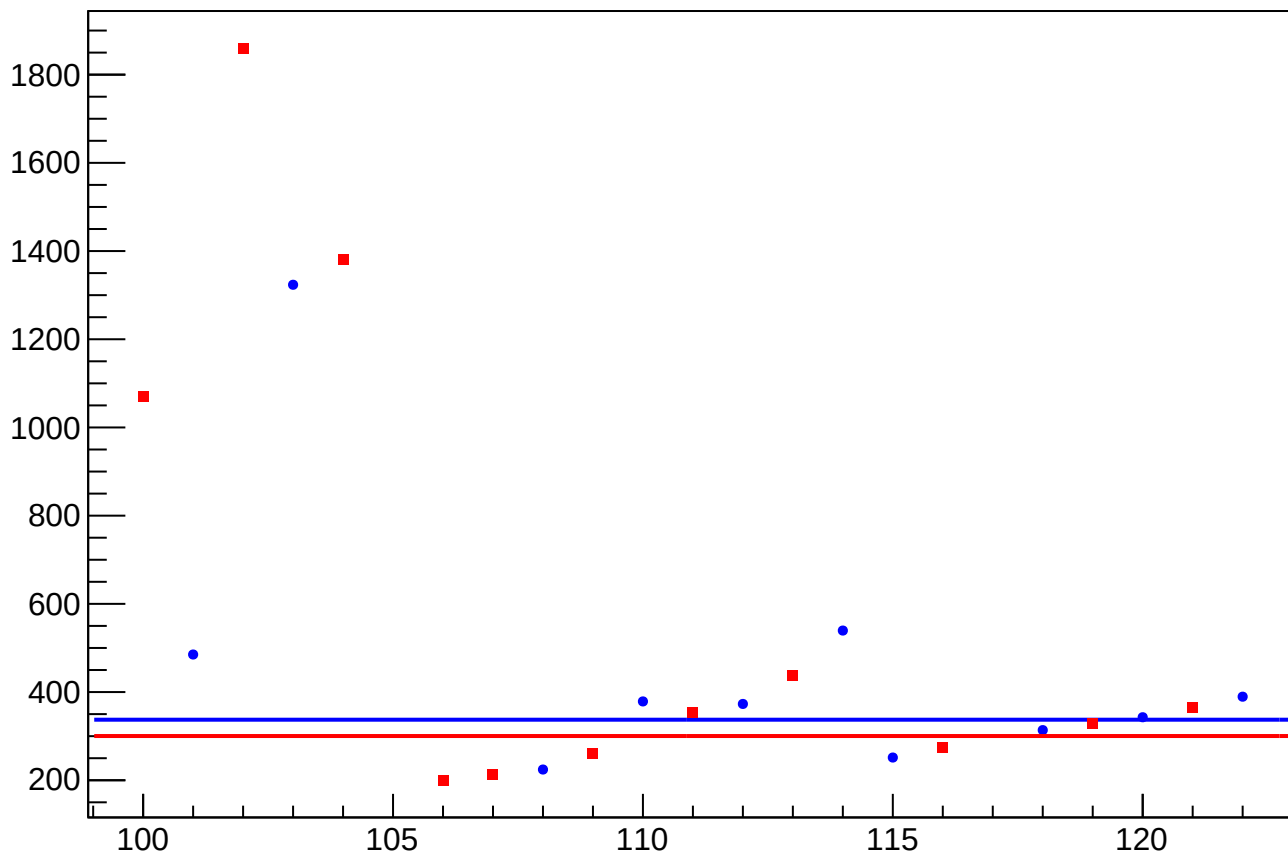
Right: 0.111 $\pm$ 0.123 χ^2/NDF : 24.2/20

In: 0.030 $\pm$ 0.183 χ^2/NDF : 4.3/9

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

All: 0.111 $\pm$ 0.123 χ^2/NDF : 24.2/20

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: 300.298+/-0.118 χ^2/NDF : 1599401.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

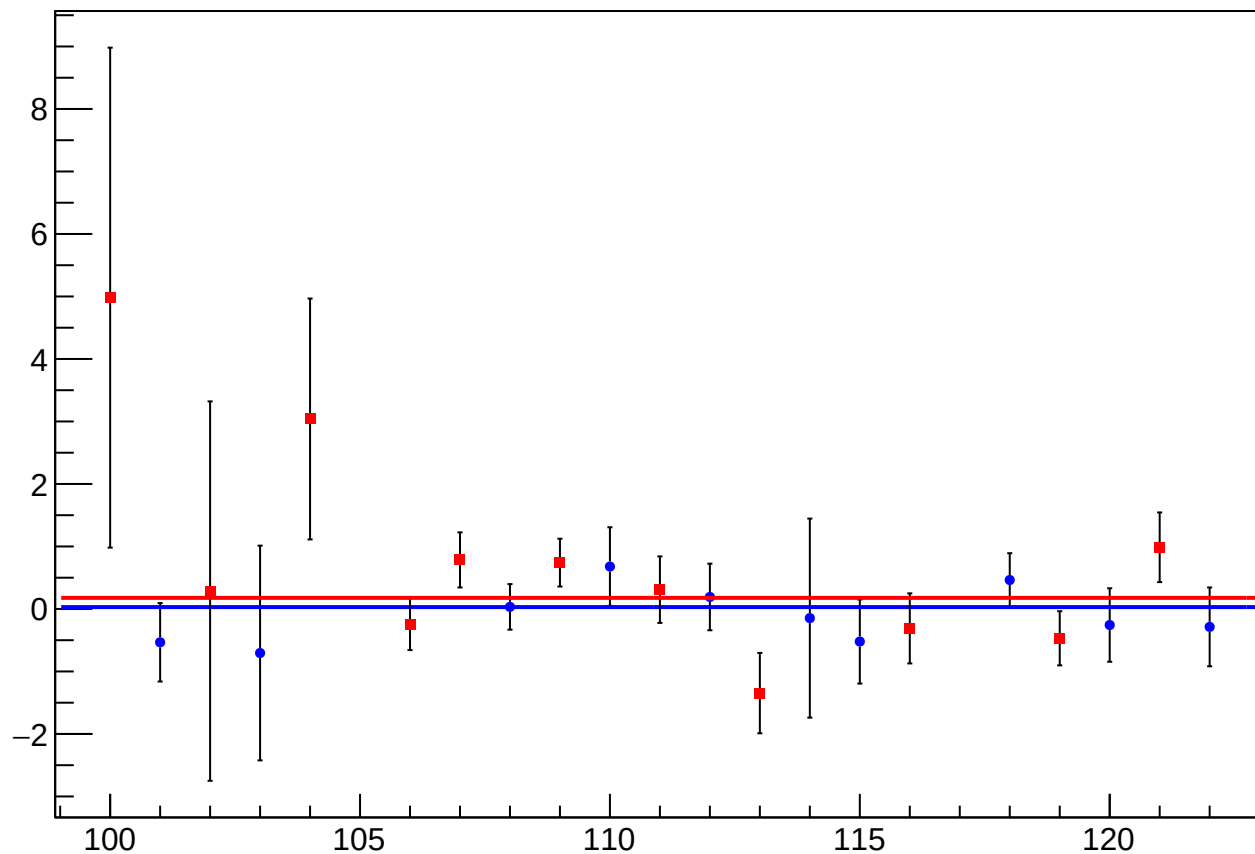
Right: 317.114+/-0.087 χ^2/NDF : 2708411.8/20

In: 337.315+/-0.129 χ^2/NDF : 1064302.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.114+/-0.087 χ^2/NDF : 2708411.8/20

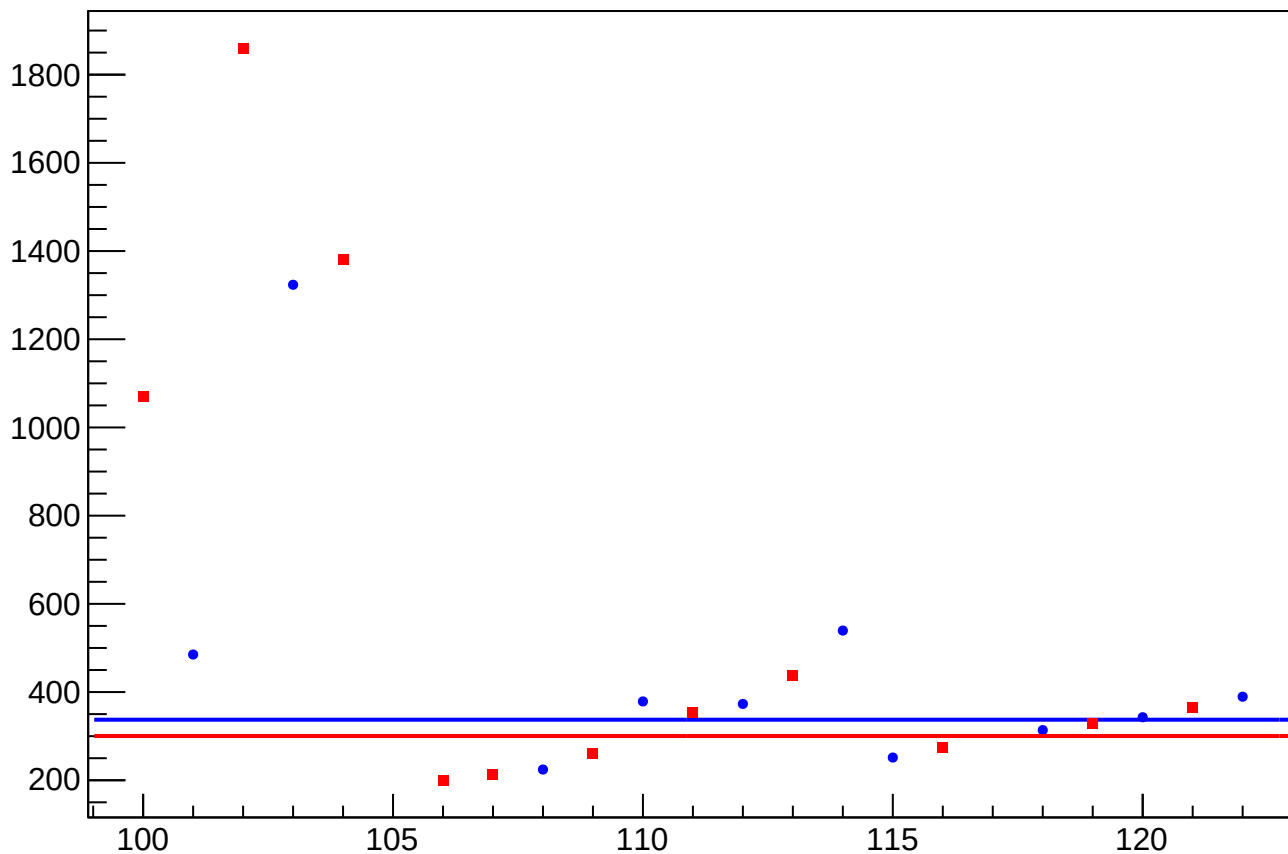
asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: 0.178+/-0.167 χ^2/NDF : 19.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.111+/-0.123 χ^2/NDF : 24.2/20
 In: 0.030+/-0.183 χ^2/NDF : 4.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.111+/-0.123 χ^2/NDF : 24.2/20

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: 300.298+/-0.118 χ^2/NDF : 1599401.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

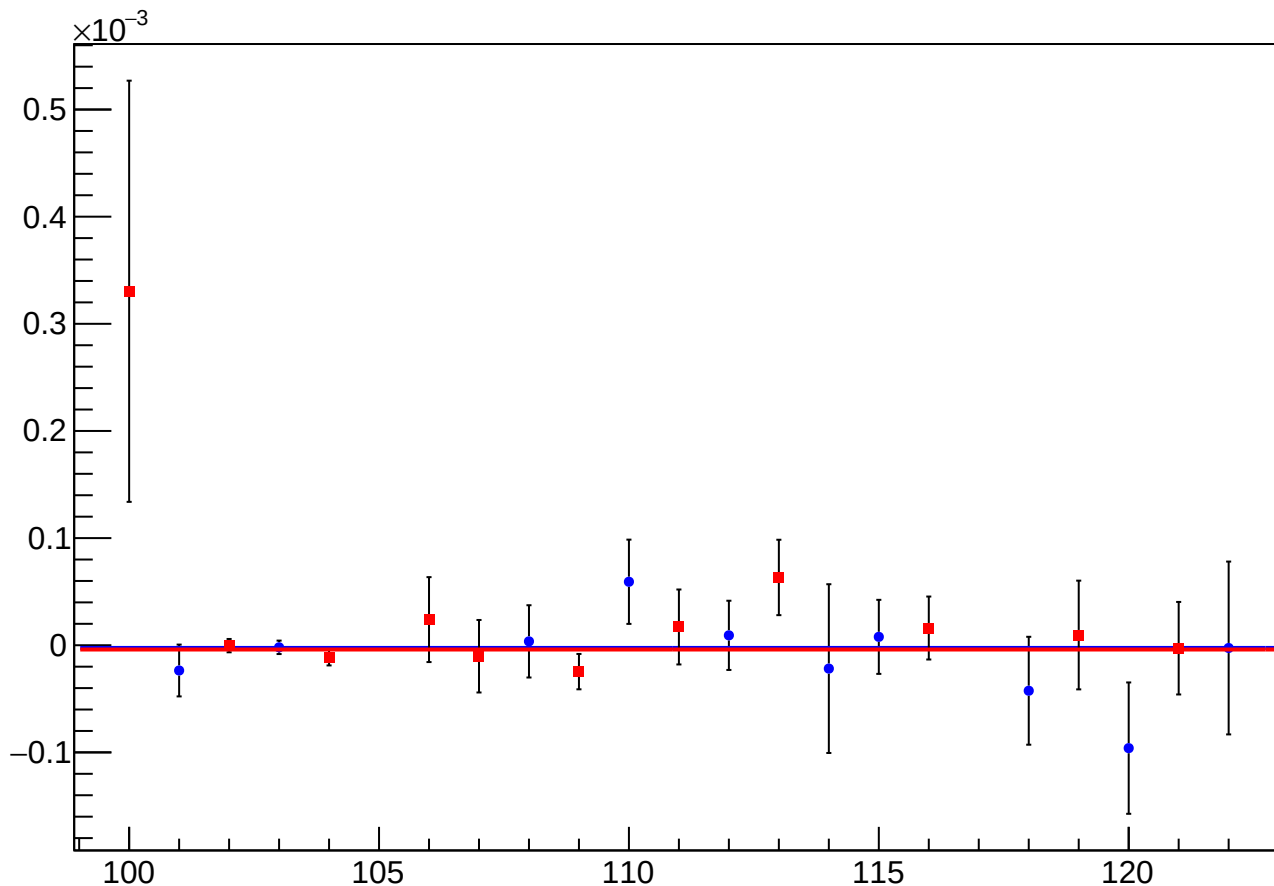
Right: 317.114+/-0.087 χ^2/NDF : 2708411.8/20

In: 337.315+/-0.129 χ^2/NDF : 1064302.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.114+/-0.087 χ^2/NDF : 2708411.8/20

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: 10.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

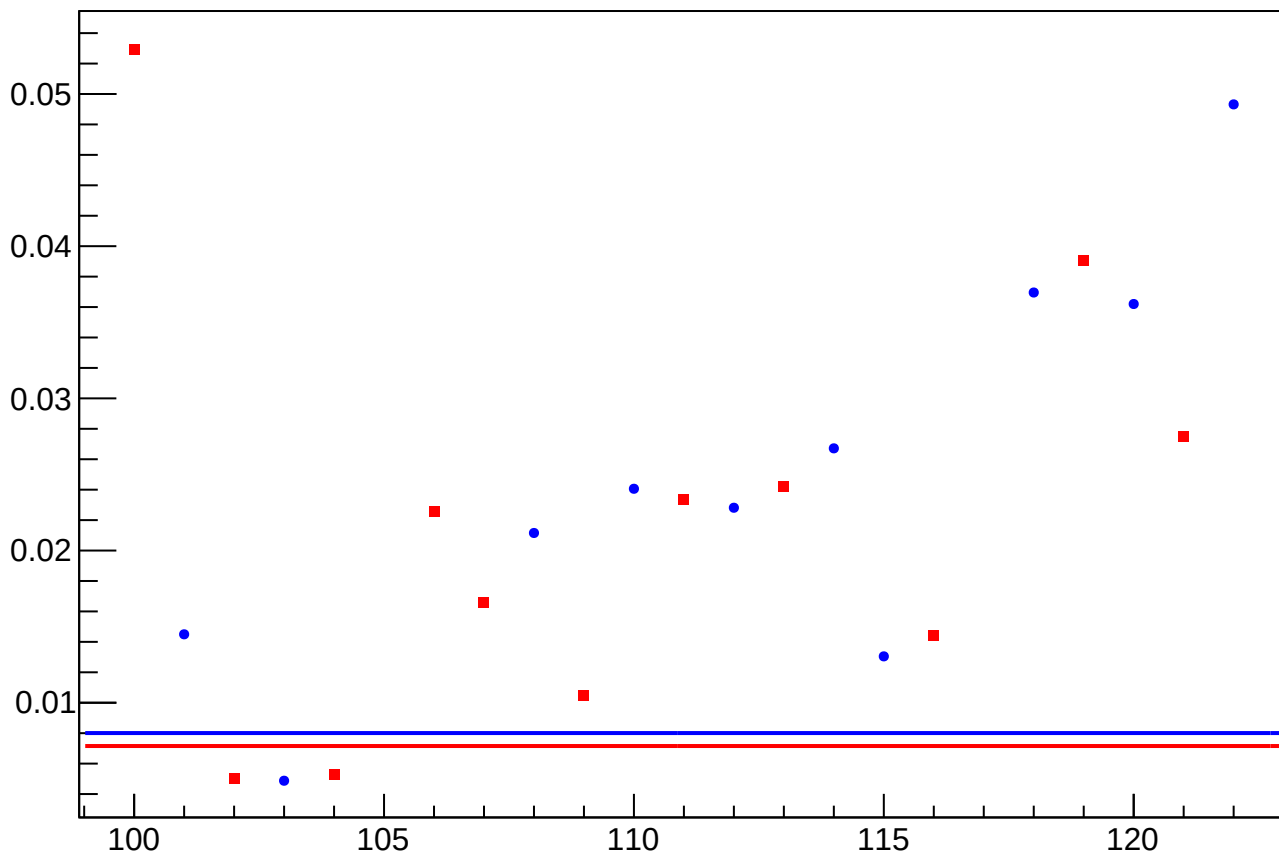
Right: -0.000+/-0.000 χ^2 /NDF: 17.5/20

In: -0.000+/-0.000 χ^2 /NDF:6.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.5/20

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 : 3272080.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

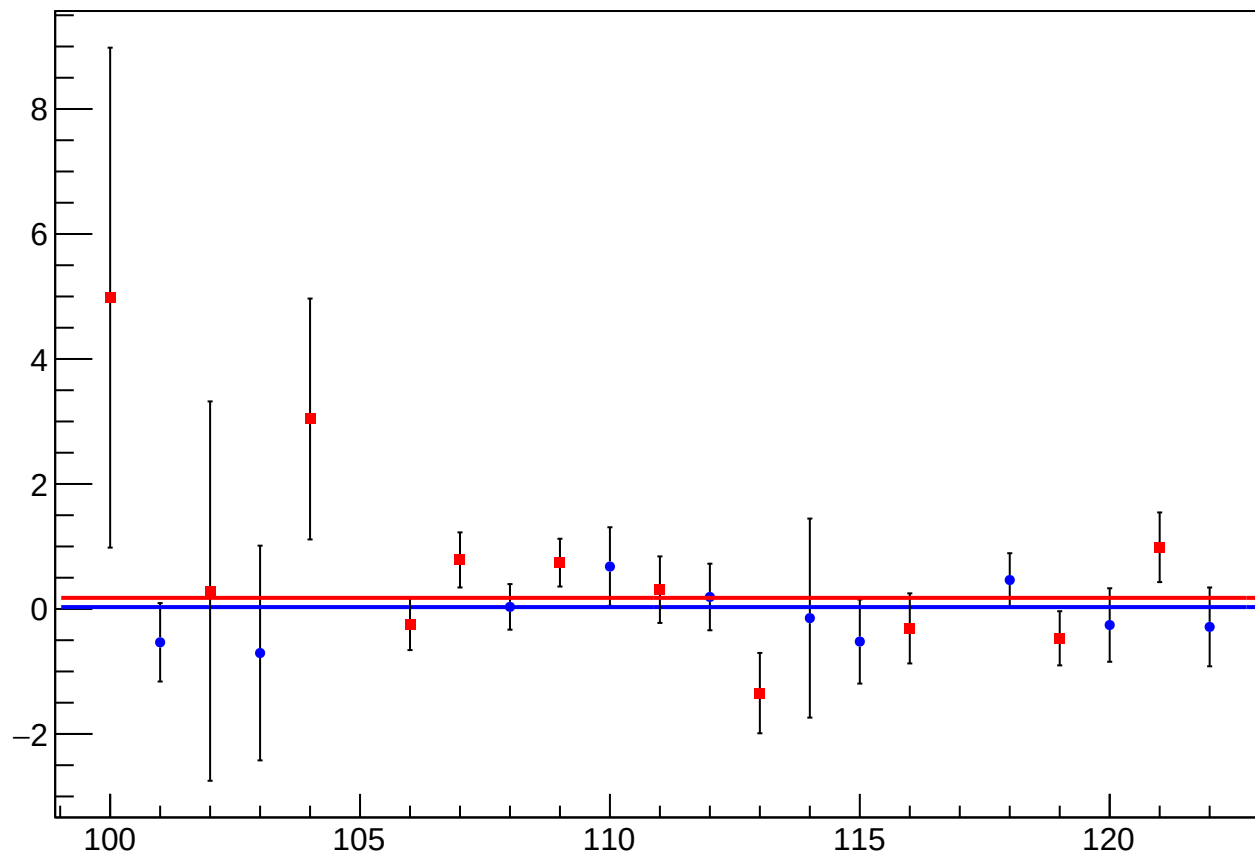
Right: 0.007+/-0.000 χ^2/NDF : 6766010.0/20

In: 0.008+/-0.000 χ^2/NDF :3465201.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 6766010.0/20

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: 0.178+/-0.167 χ^2/NDF : 19.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

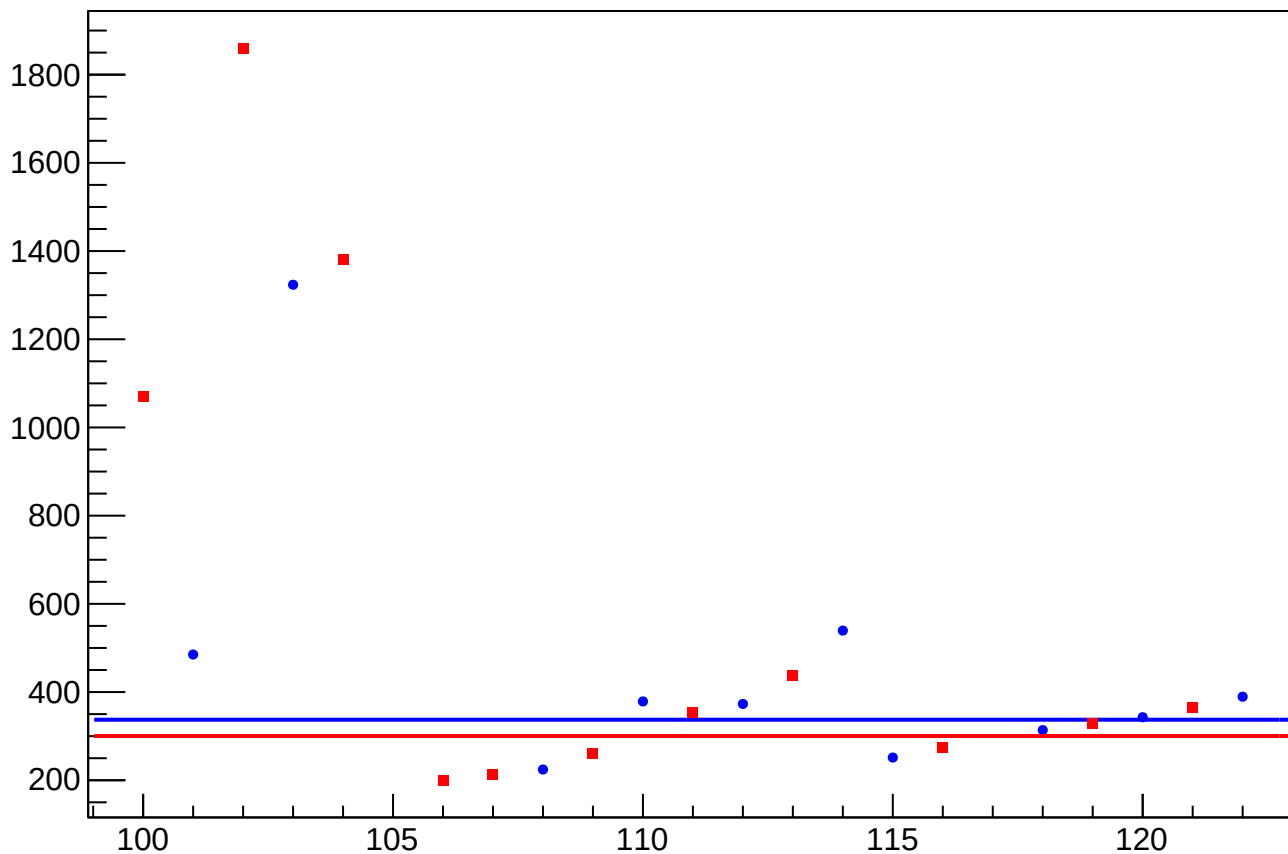
Right: 0.111+/-0.123 χ^2/NDF : 24.2/20

In: 0.030+/-0.183 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.111+/-0.123 χ^2/NDF : 24.2/20

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: 300.298+/-0.118 χ^2/NDF : 1599399.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

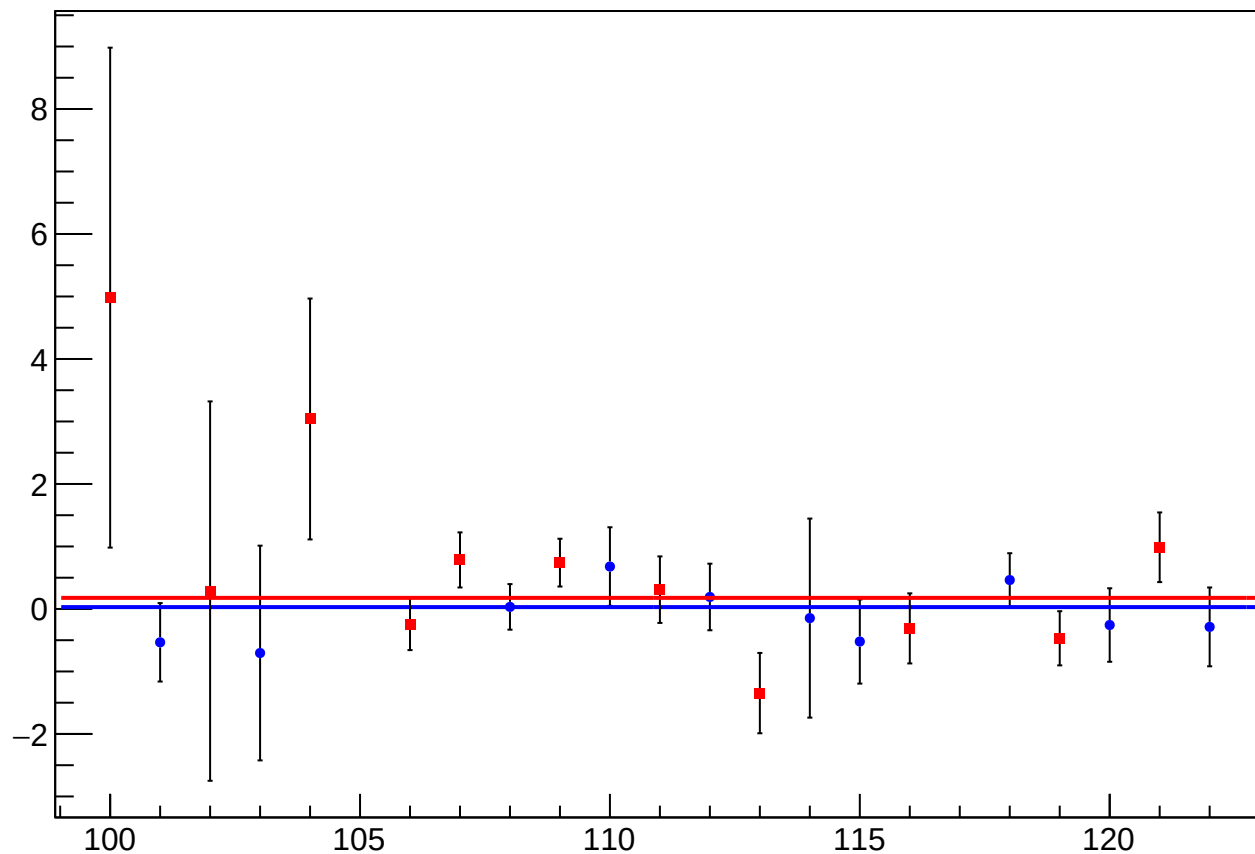
Right: 317.113+/-0.087 χ^2/NDF : 2708430.1/20

In: 337.311+/-0.129 χ^2/NDF : 1064330.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.113+/-0.087 χ^2/NDF : 2708430.1/20

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: 0.178+/-0.167 χ^2/NDF : 19.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

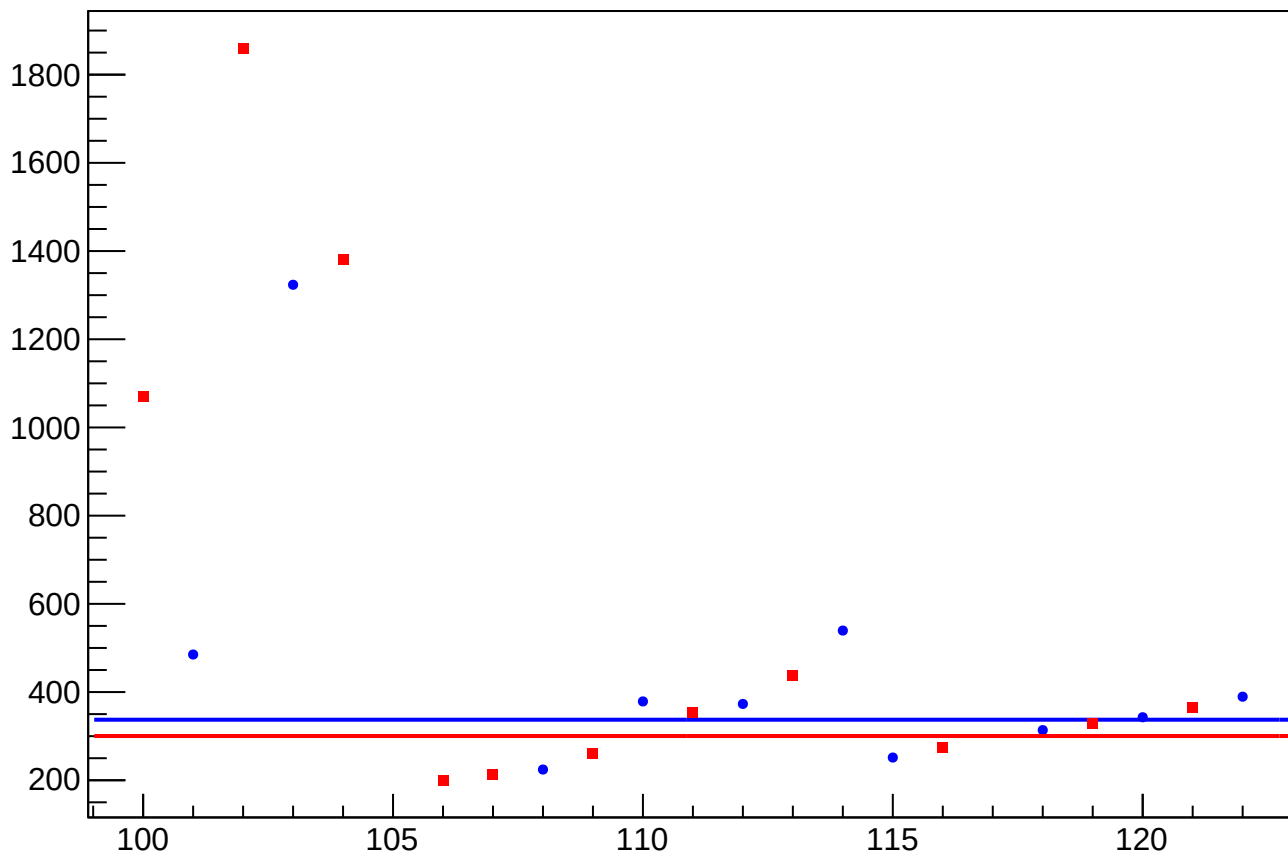
Right: 0.111+/-0.123 χ^2/NDF : 24.2/20

In: 0.030+/-0.183 χ^2/NDF :4.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.111+/-0.123 χ^2/NDF : 24.2/20

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: 300.298+/-0.118 χ^2/NDF : 1599399.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

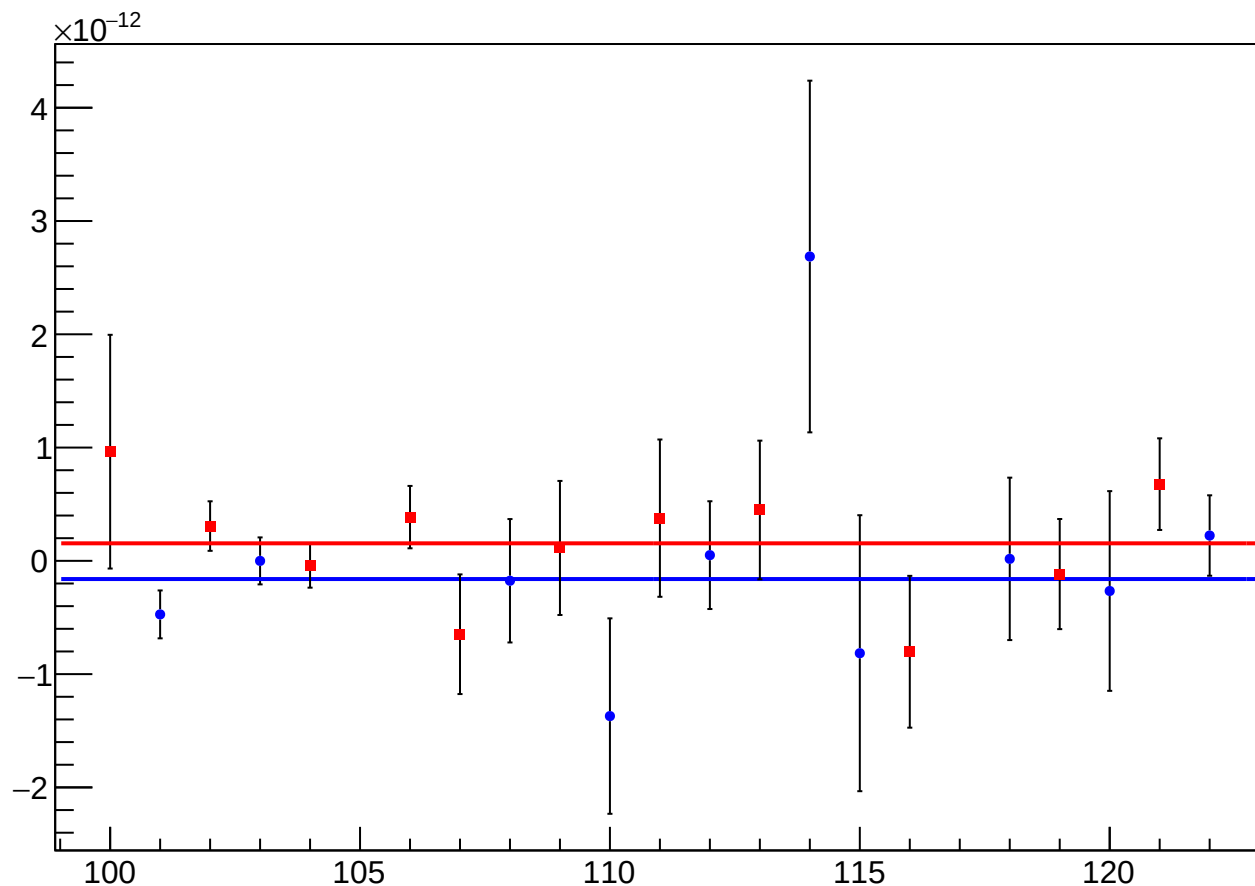
Right: 317.113+/-0.087 χ^2/NDF : 2708430.1/20

In: 337.311+/-0.129 χ^2/NDF : 1064330.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.113+/-0.087 χ^2/NDF : 2708430.1/20

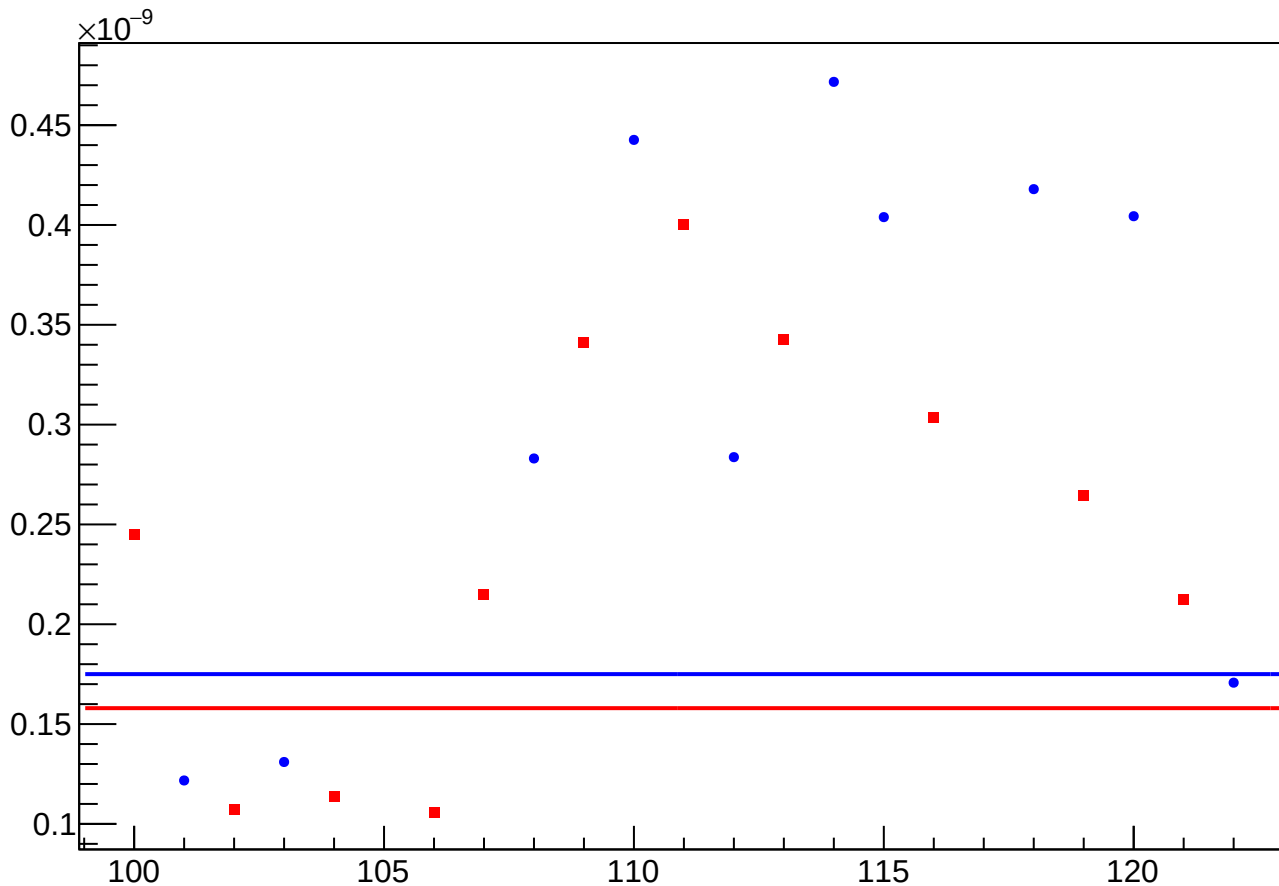
asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 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 : 23.1/20
 In: -0.000+/-0.000 χ^2/NDF : 9.8/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 23.1/20

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 : 1163898.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

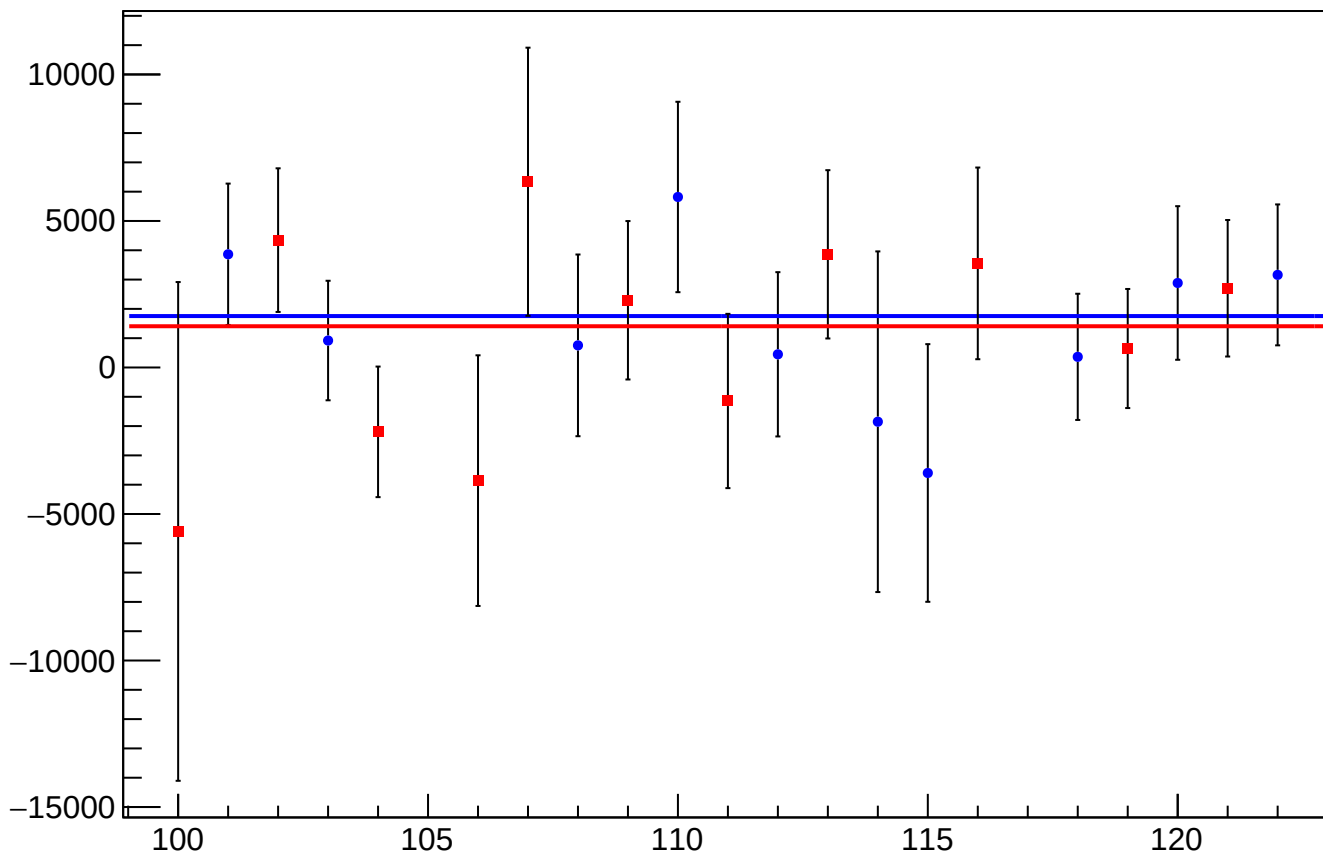
Right: 0.000+/-0.000 χ^2/NDF : 2287254.7/20

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 : 2287254.7/20

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: 1407.298+/-852.692 χ^2/NDF : 9.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

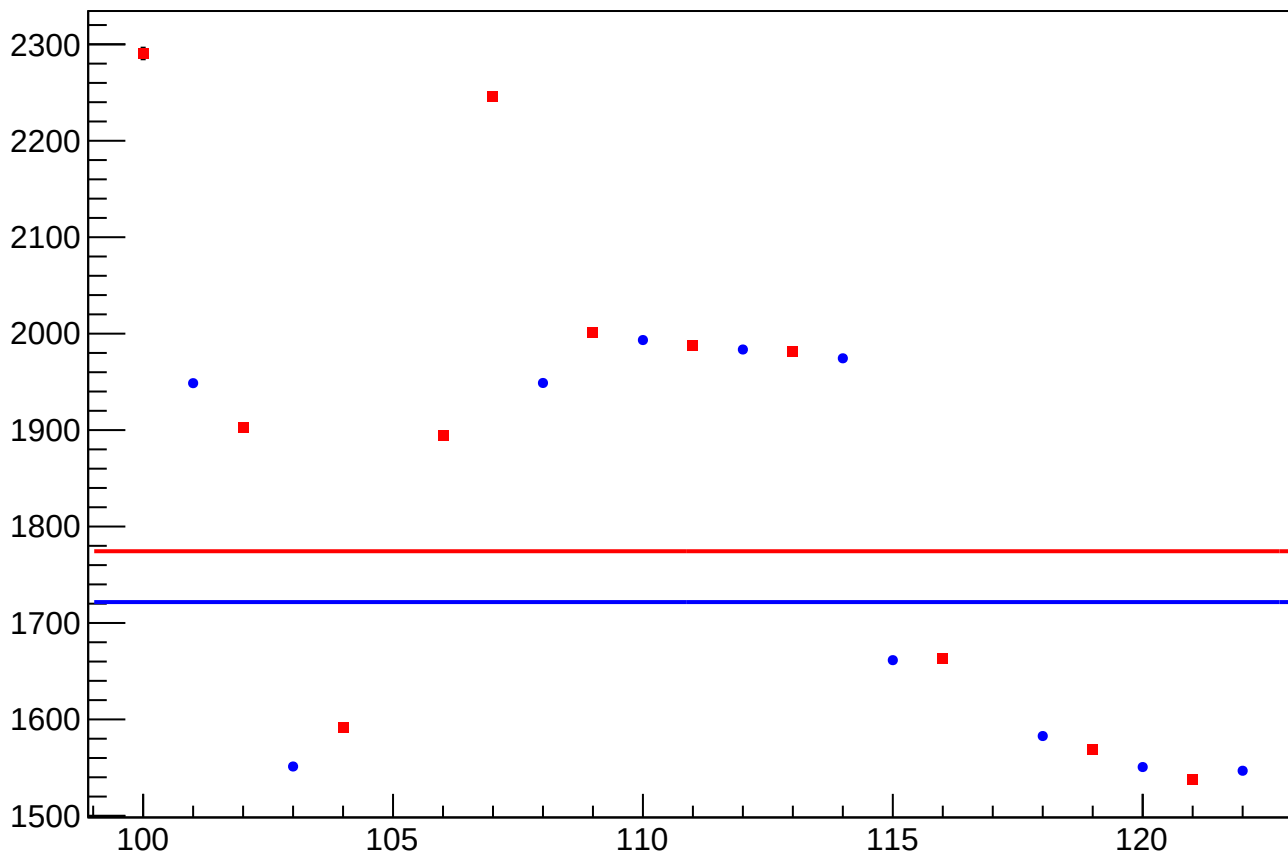
Right: 1579.674+/-605.322 χ^2/NDF : 15.6/20

In: 1754.796+/-859.458 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.674+/-605.322 χ^2/NDF : 15.6/20

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: 1774.389+/-0.598 χ^2/NDF : 127979.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

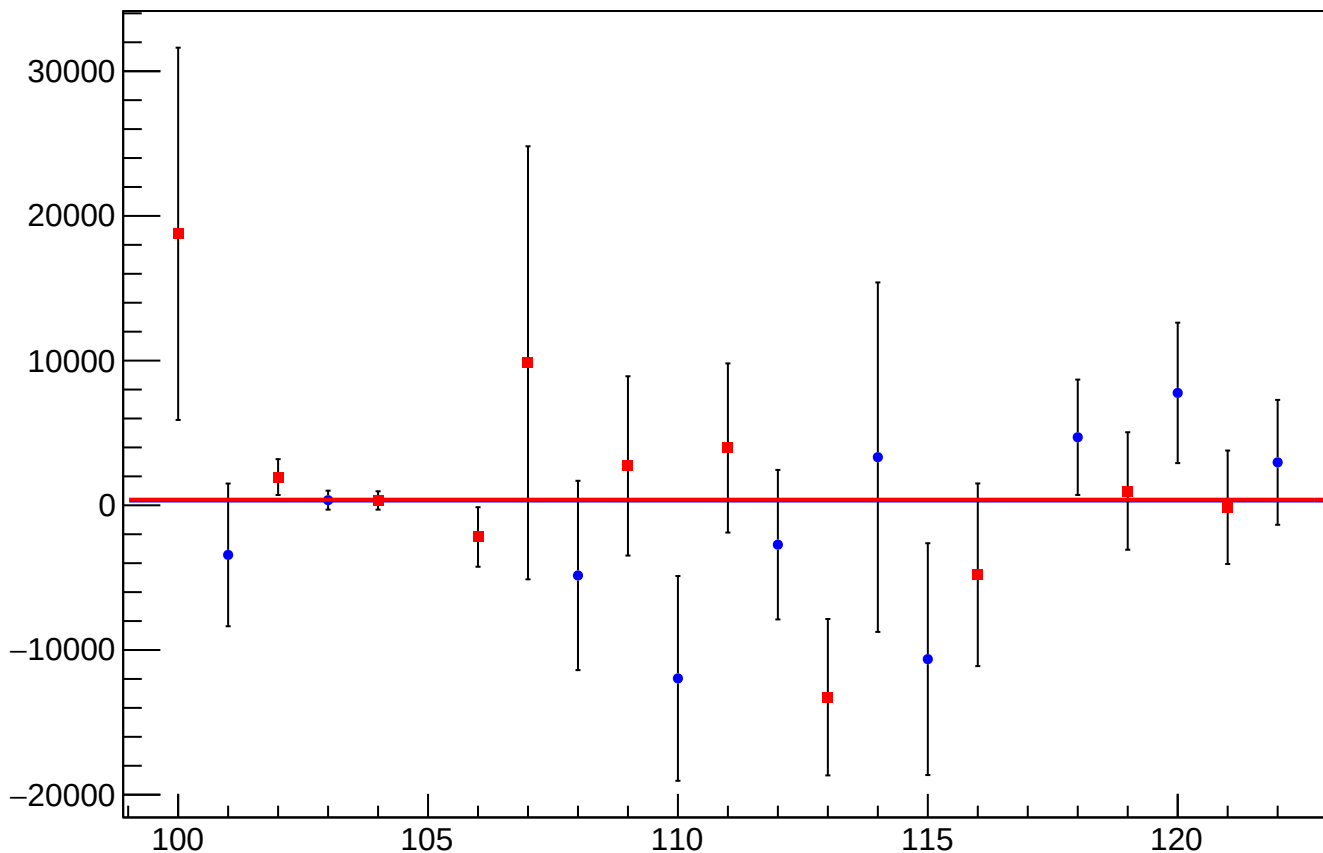
Right: 1748.455+/-0.426 χ^2/NDF : 237251.8/20

In: 1721.666+/-0.608 χ^2/NDF : 105447.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1748.455+/-0.426 χ^2/NDF : 237251.8/20

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: 388.715+/-525.201 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

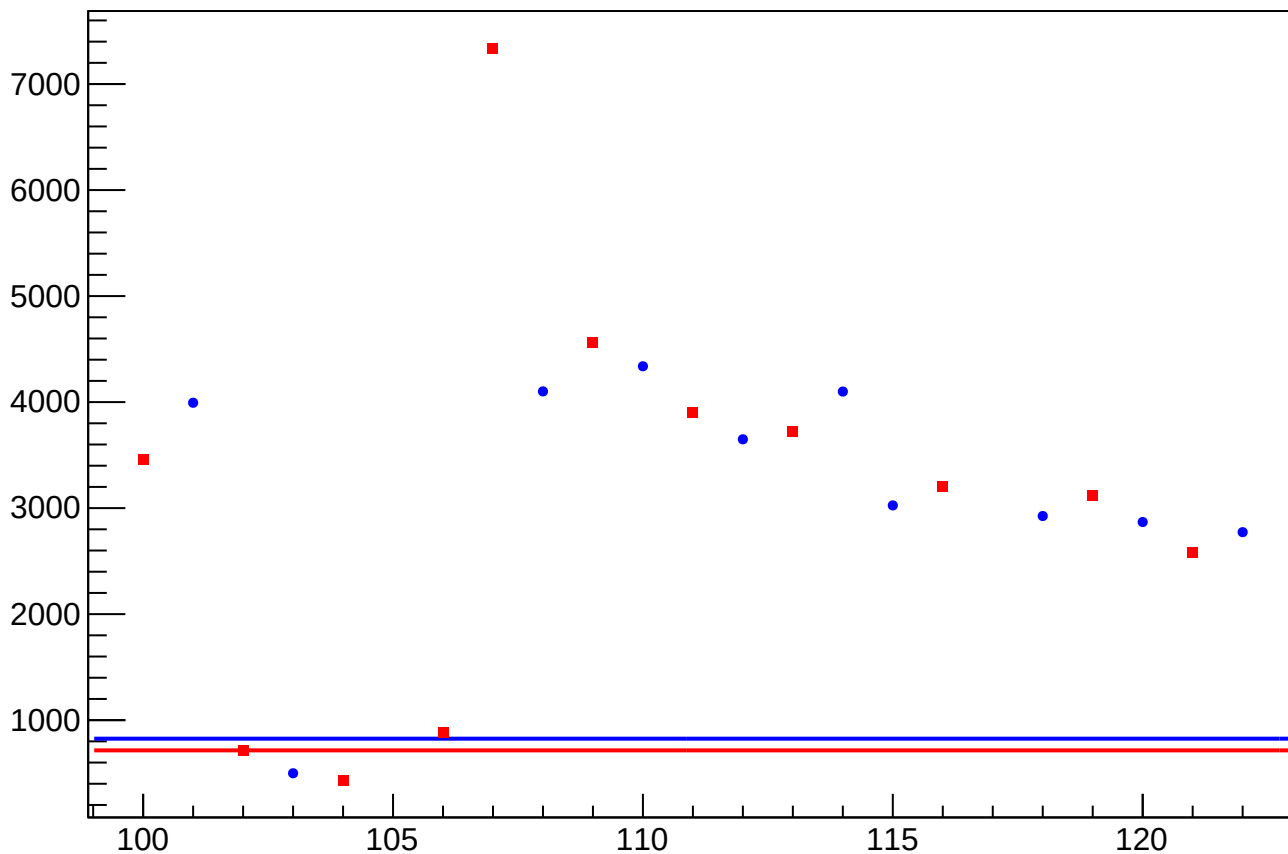
Right: 365.256+/-399.461 χ^2/NDF : 23.7/20

In: 333.061+/-615.278 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 365.256+/-399.461 χ^2/NDF : 23.7/20

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: 714.956+/-0.371 χ^2/NDF : 4355486.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

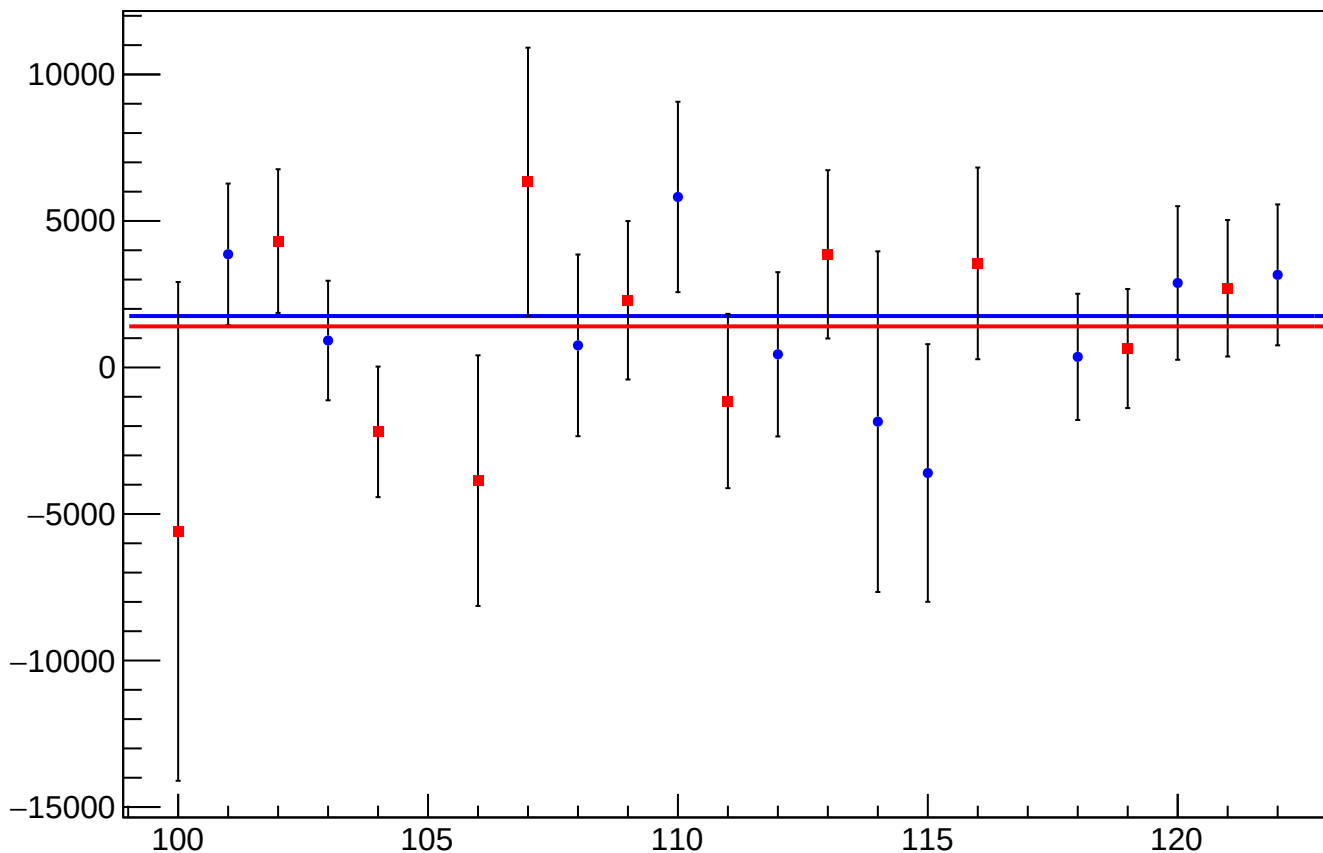
Right: 761.452+/-0.282 χ^2/NDF : 8923110.8/20

In: 825.265+/-0.435 χ^2/NDF :4530436.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 761.452+/-0.282 χ^2/NDF : 8923110.8/20

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1755.097 $\pm$ 859.459 χ^2 /NDF: 5.6/9

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

Right Out: 1403.025 $\pm$ 852.704 χ^2 /NDF: 9.8/10

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

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

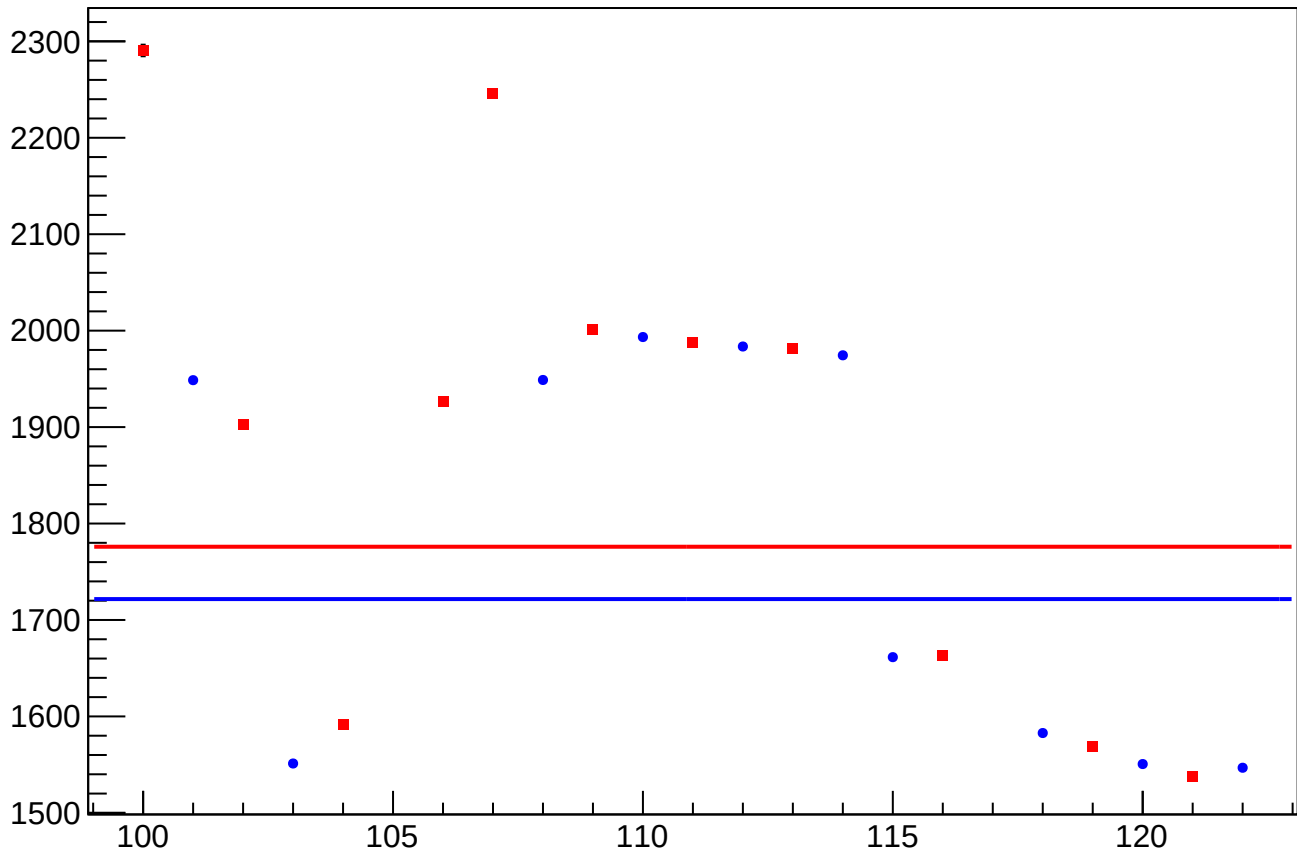
Right: 1577.672 $\pm$ 605.327 χ^2 /NDF: 15.5/20

In: 1755.097 $\pm$ 859.459 χ^2 /NDF:5.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1577.672 $\pm$ 605.327 χ^2 /NDF: 15.5/20

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: 1775.947+/-0.598 χ^2/NDF : 129246.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

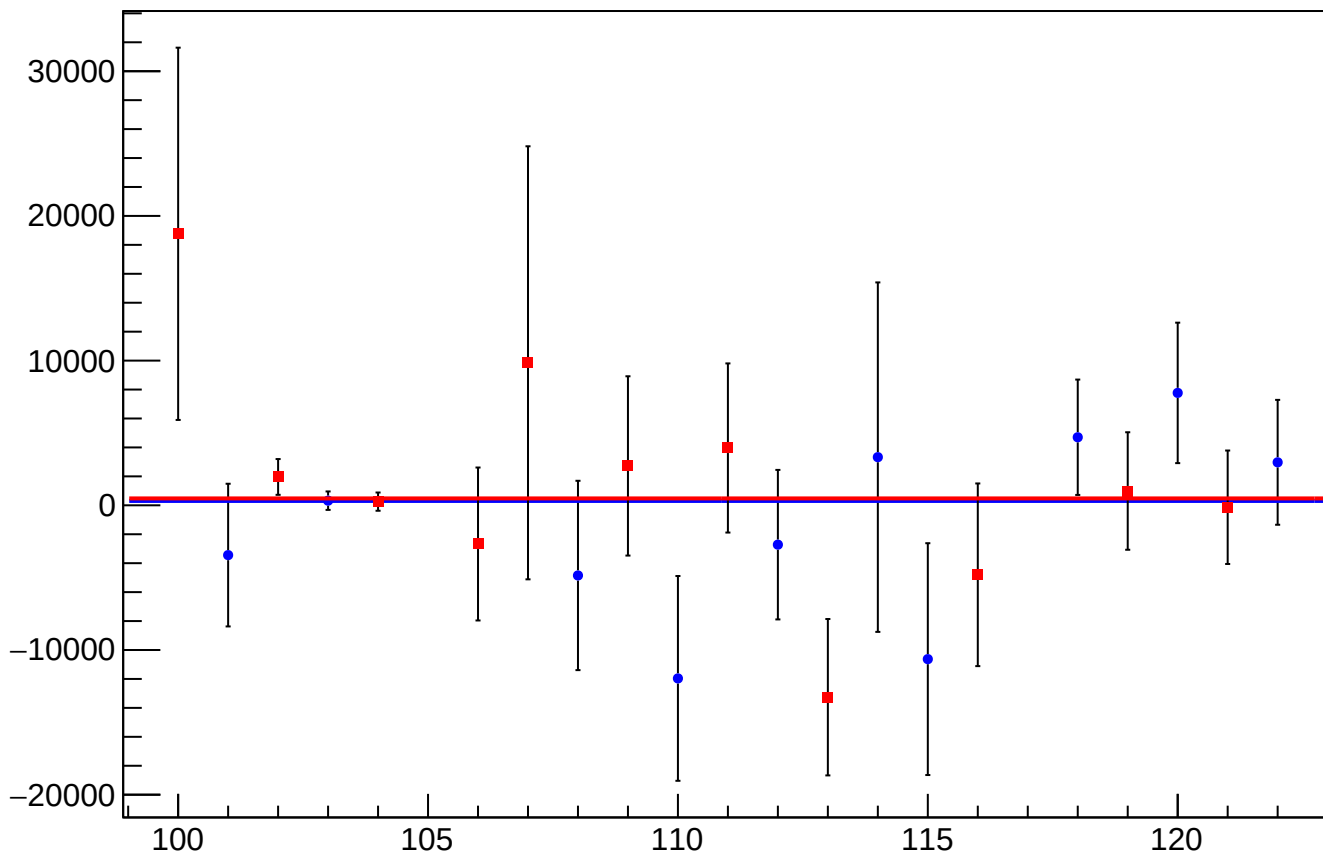
Right: 1749.223+/-0.426 χ^2/NDF : 238744.6/20

In: 1721.665+/-0.608 χ^2/NDF : 105447.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1749.223+/-0.426 χ^2/NDF : 238744.6/20

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: 476.084+/-537.570 χ^2/NDF : 12.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

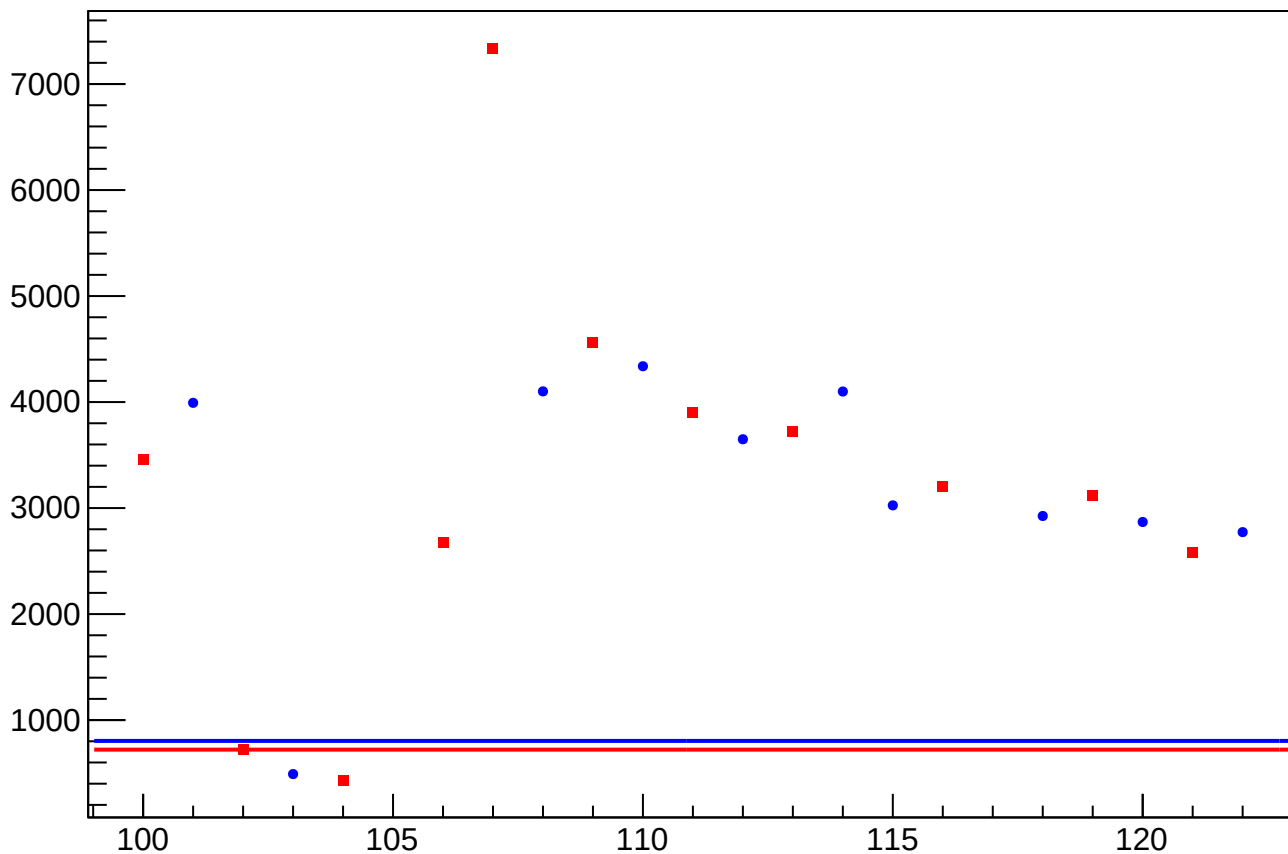
Right: 398.946+/-400.832 χ^2/NDF : 22.5/20

In: 302.360+/-601.532 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.946+/-400.832 χ^2/NDF : 22.5/20

asym_atl_avg_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: 721.311+/-0.380 χ^2/NDF : 4623838.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

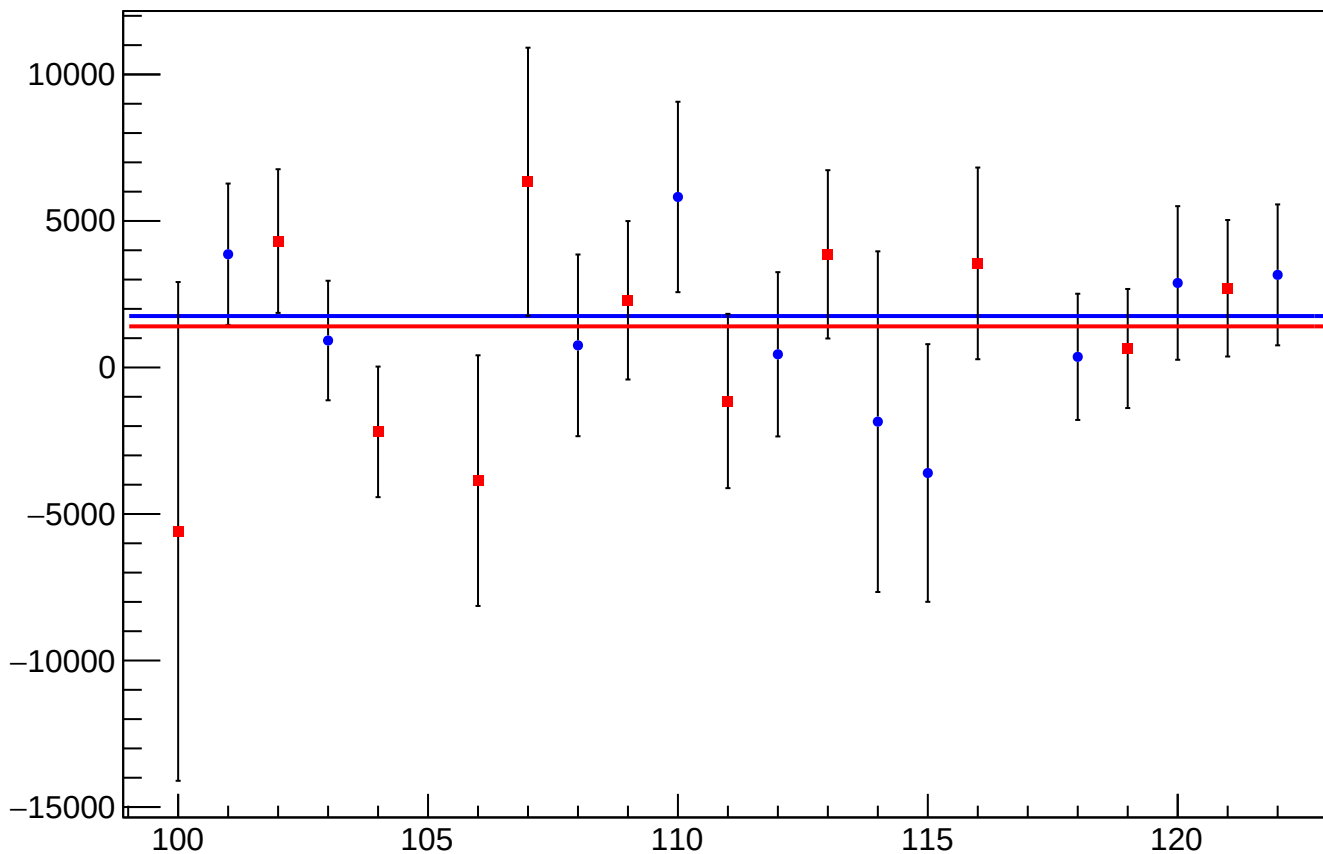
Right: 757.851+/-0.283 χ^2/NDF : 9224871.2/20

In: 803.603+/-0.425 χ^2/NDF : 4580221.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 757.851+/-0.283 χ^2/NDF : 9224871.2/20

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1755.097 $\pm$ 859.459 χ^2 /NDF: 5.6/9

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

Right Out: 1403.025 $\pm$ 852.704 χ^2 /NDF: 9.8/10

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

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

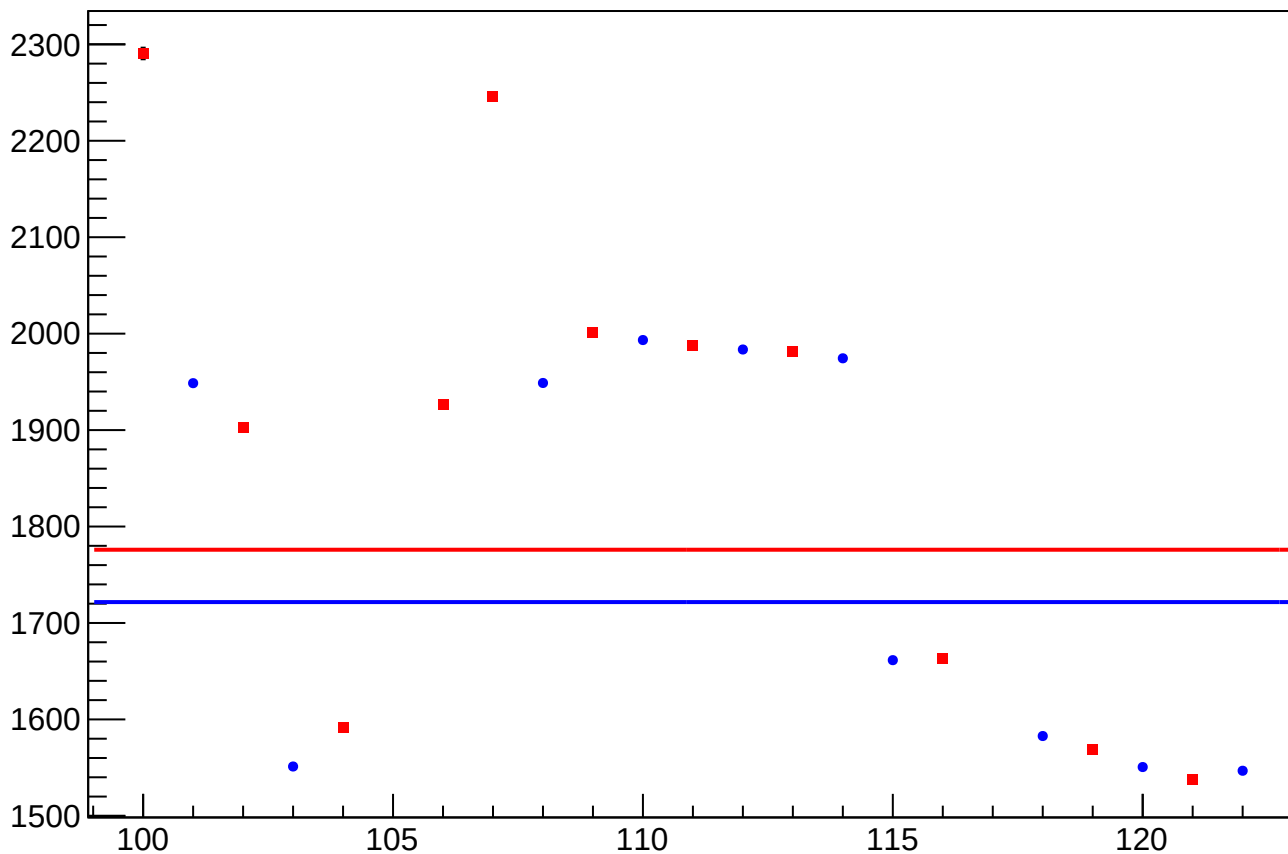
Right: 1577.672 $\pm$ 605.327 χ^2 /NDF: 15.5/20

In: 1755.097 $\pm$ 859.459 χ^2 /NDF:5.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1577.672 $\pm$ 605.327 χ^2 /NDF: 15.5/20

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: 1775.947+/-0.598 χ^2/NDF : 129246.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

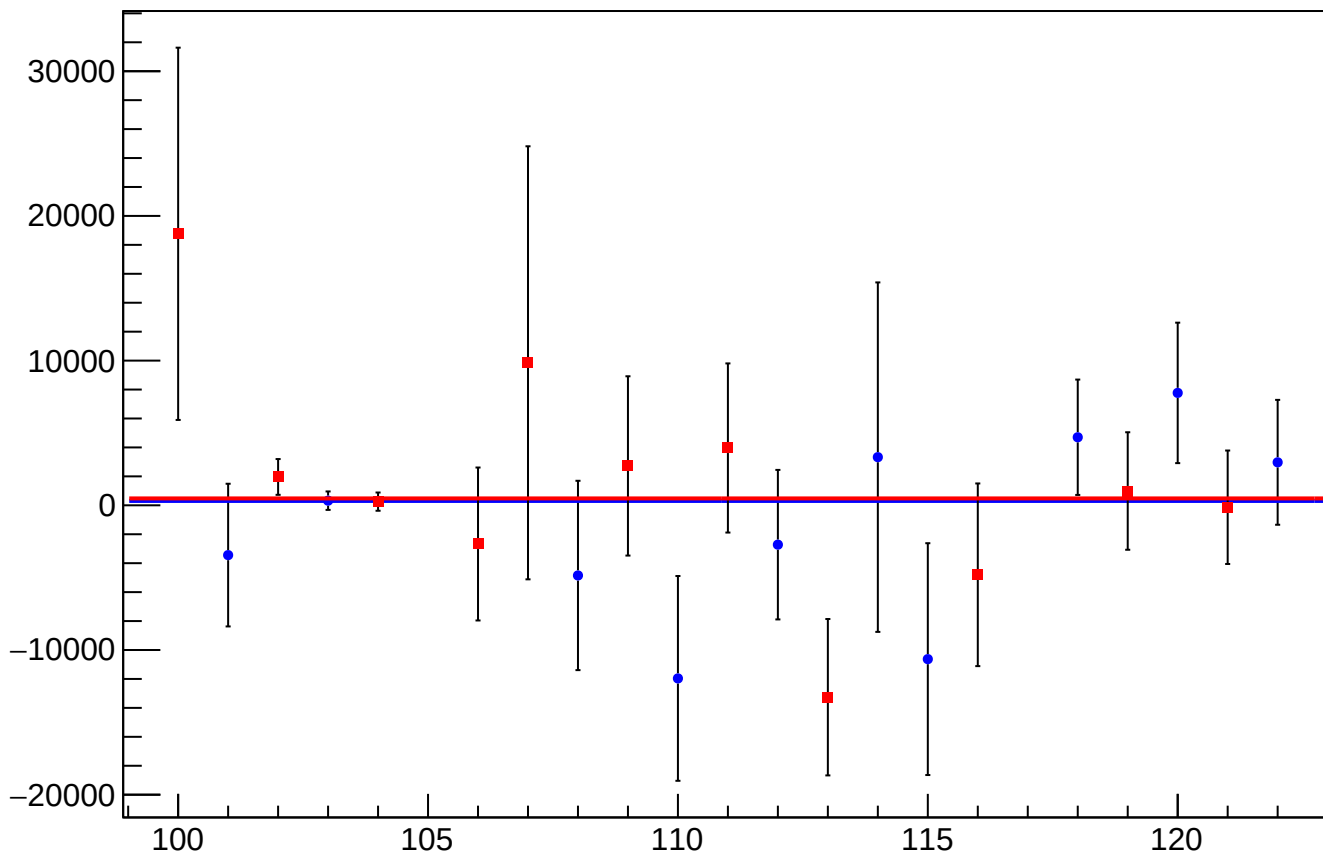
Right: 1749.223+/-0.426 χ^2/NDF : 238744.6/20

In: 1721.665+/-0.608 χ^2/NDF : 105447.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1749.223+/-0.426 χ^2/NDF : 238744.6/20

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: 476.084+/-537.570 χ^2/NDF : 12.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

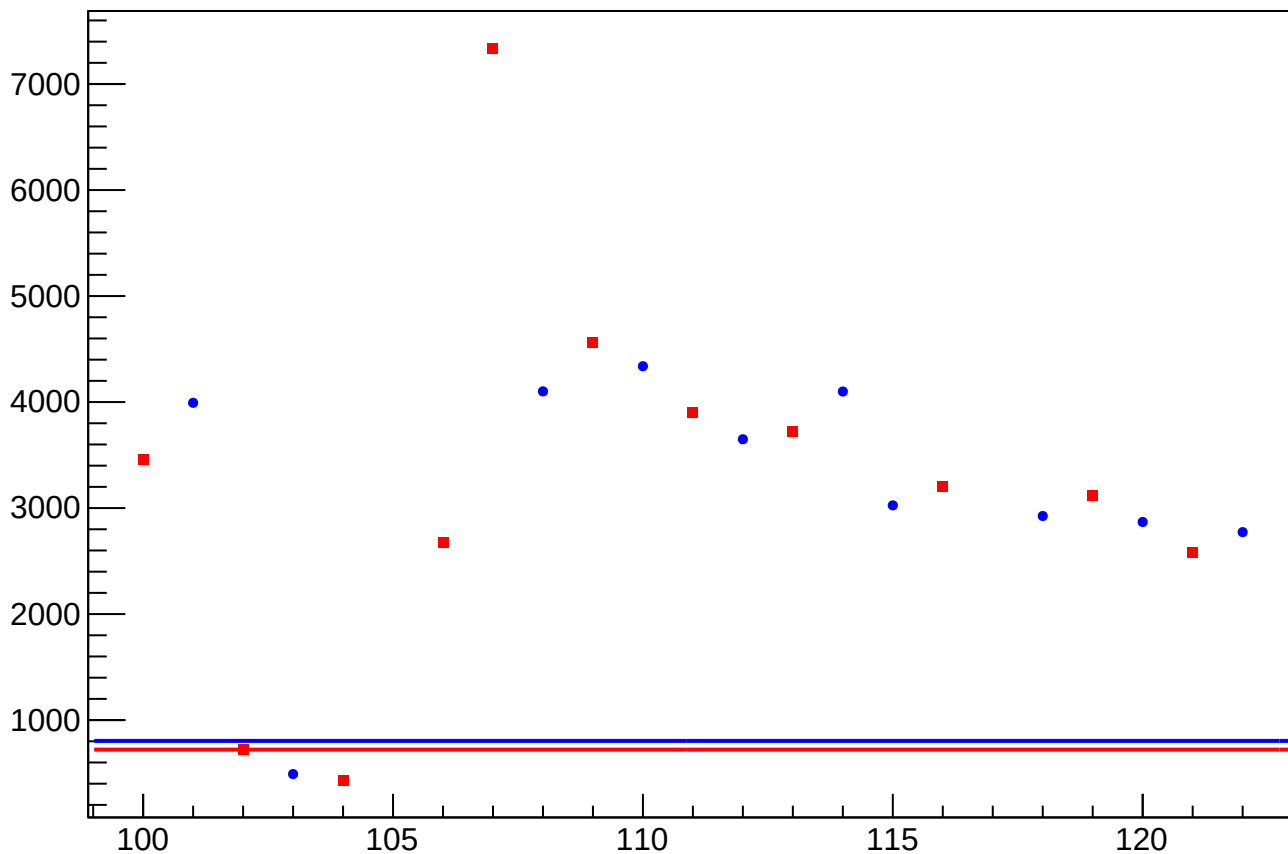
Right: 398.946+/-400.832 χ^2/NDF : 22.5/20

In: 302.360+/-601.532 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 398.946+/-400.832 χ^2/NDF : 22.5/20

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: 721.311+/-0.380 χ^2/NDF : 4623838.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

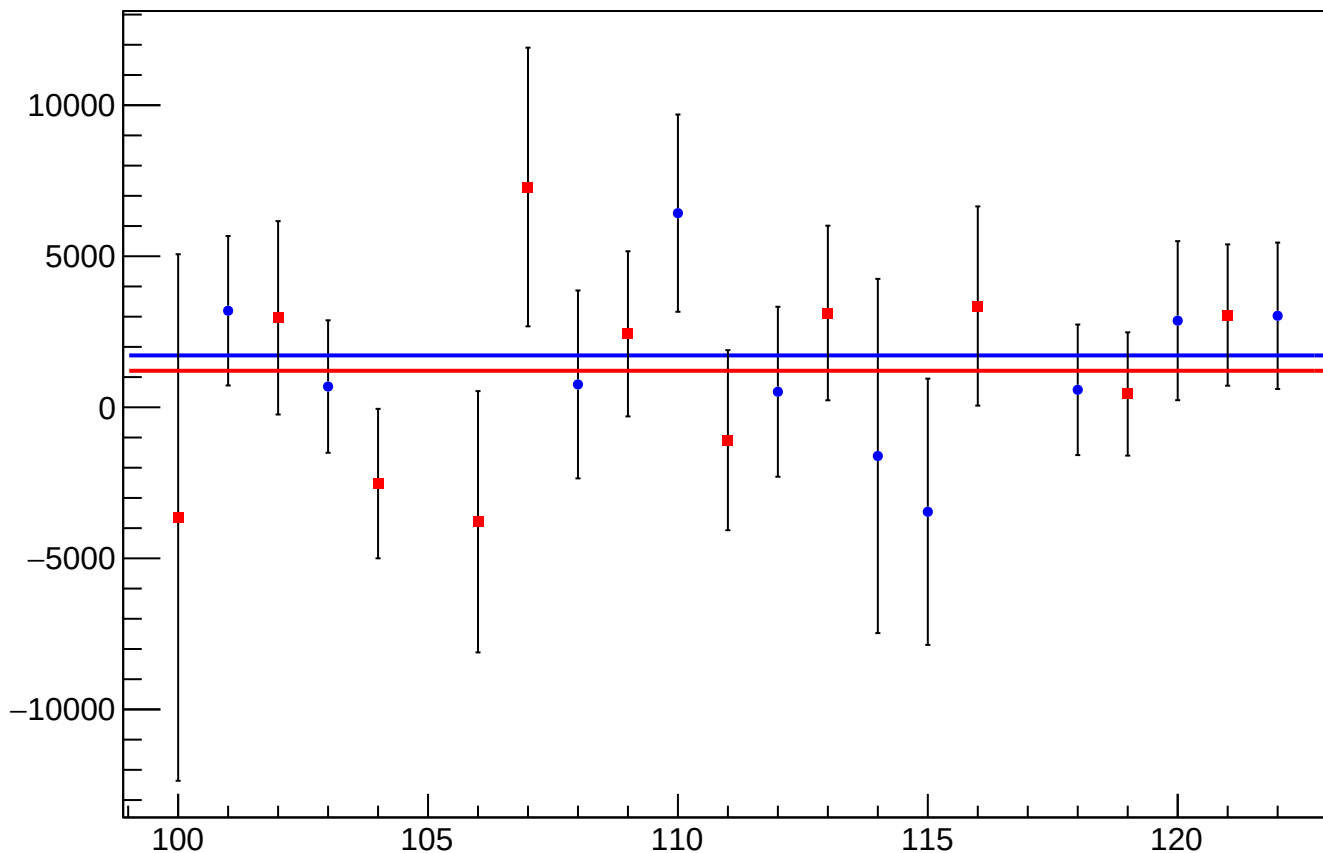
Right: 757.851+/-0.283 χ^2/NDF : 9224871.2/20

In: 803.603+/-0.425 χ^2/NDF : 4580221.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 757.851+/-0.283 χ^2/NDF : 9224871.2/20

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

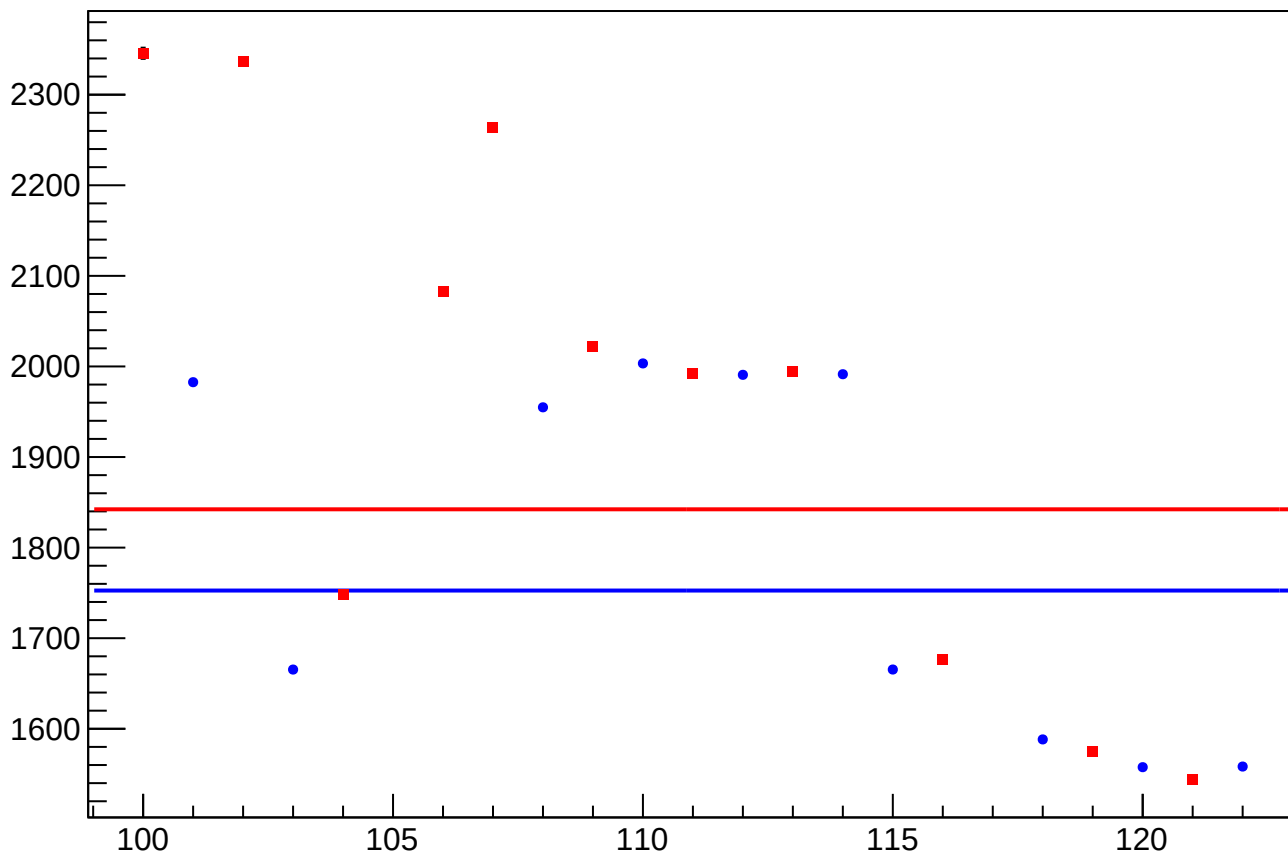
Right: 1468.168+/-624.956 χ^2/NDF : 13.9/20

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

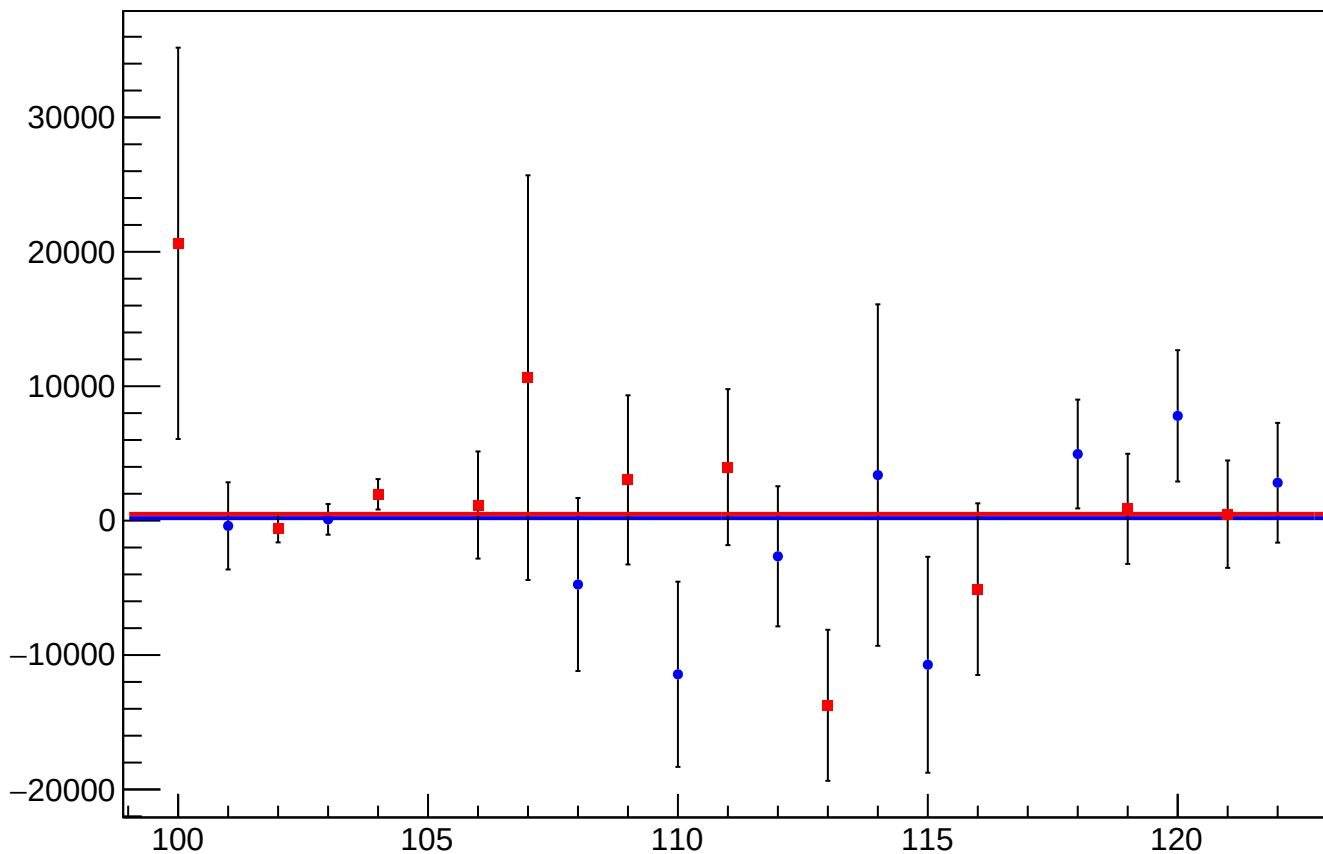
Right: 1796.788+/-0.441 χ^2/NDF : 277380.9/20

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: 497.976+/-712.873 χ^2/NDF : 12.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

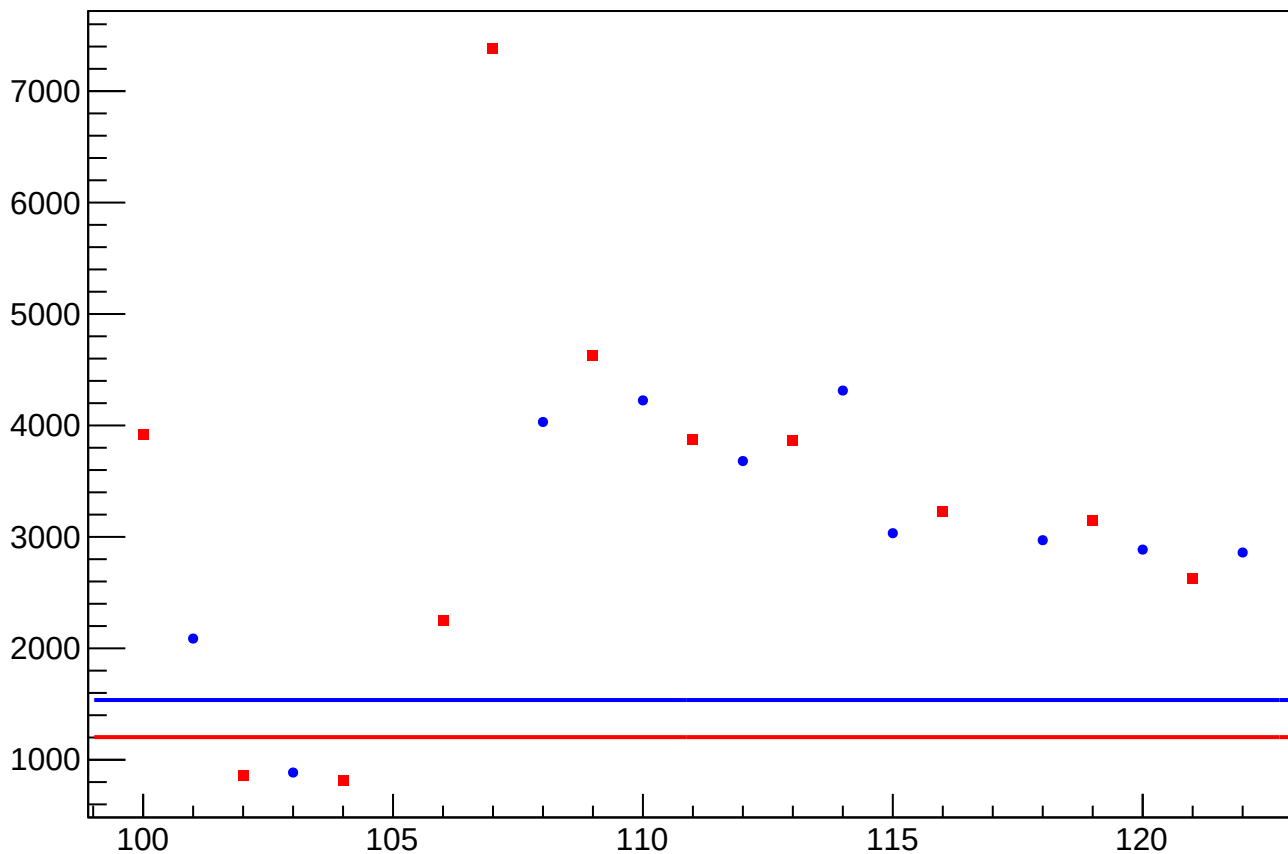
Right: 384.758+/-569.097 χ^2/NDF : 22.7/20

In: 185.817+/-944.965 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 384.758+/-569.097 χ^2/NDF : 22.7/20

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: 1203.490+/-0.504 χ^2/NDF : 3366716.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

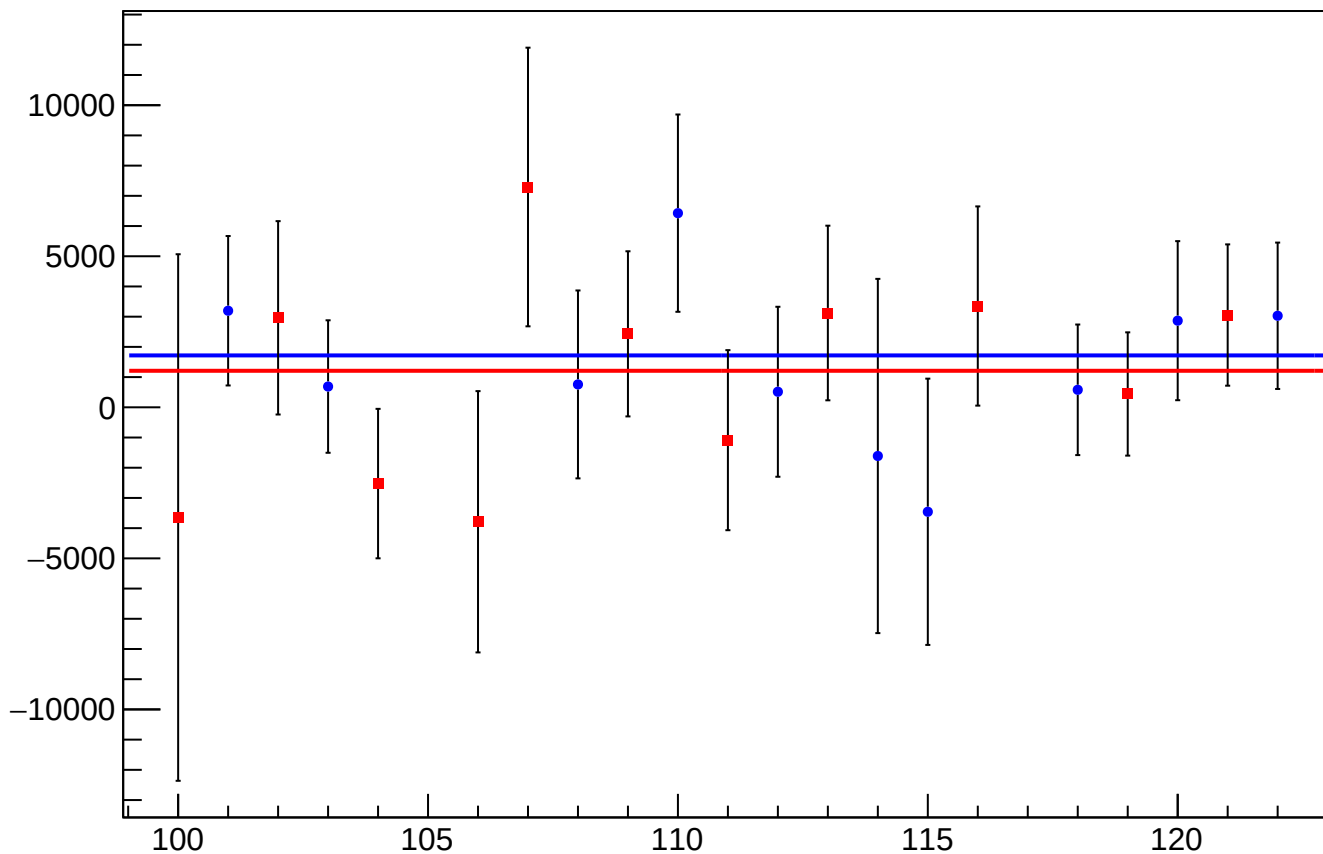
Right: 1324.174+/-0.402 χ^2/NDF : 5921692.0/20

In: 1536.233+/-0.668 χ^2/NDF : 2396937.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.174+/-0.402 χ^2/NDF : 5921692.0/20

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

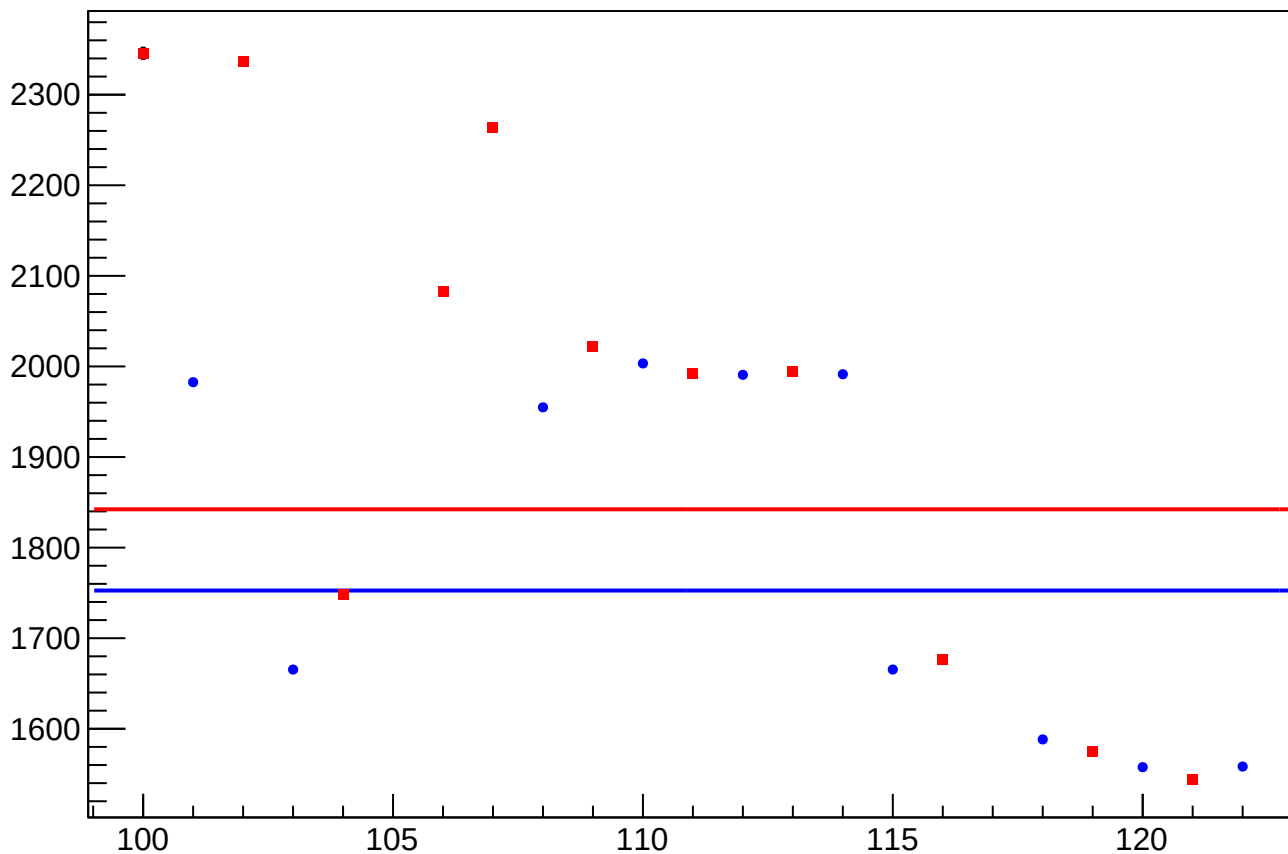
Right: 1468.167+/-624.956 χ^2/NDF : 13.9/20

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

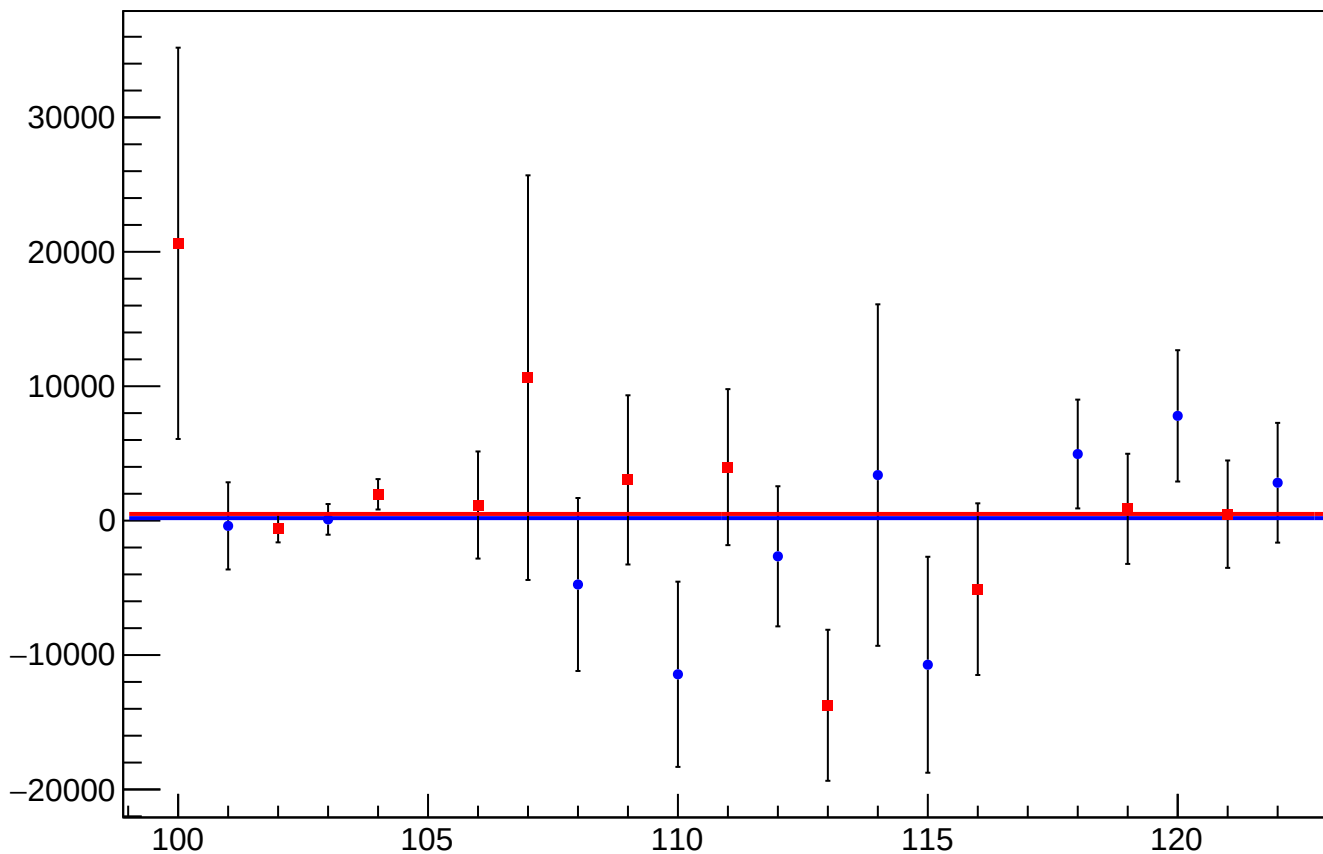
Right: 1796.788+/-0.441 χ^2/NDF : 277381.0/20

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: 497.973+/-712.867 χ^2/NDF : 12.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

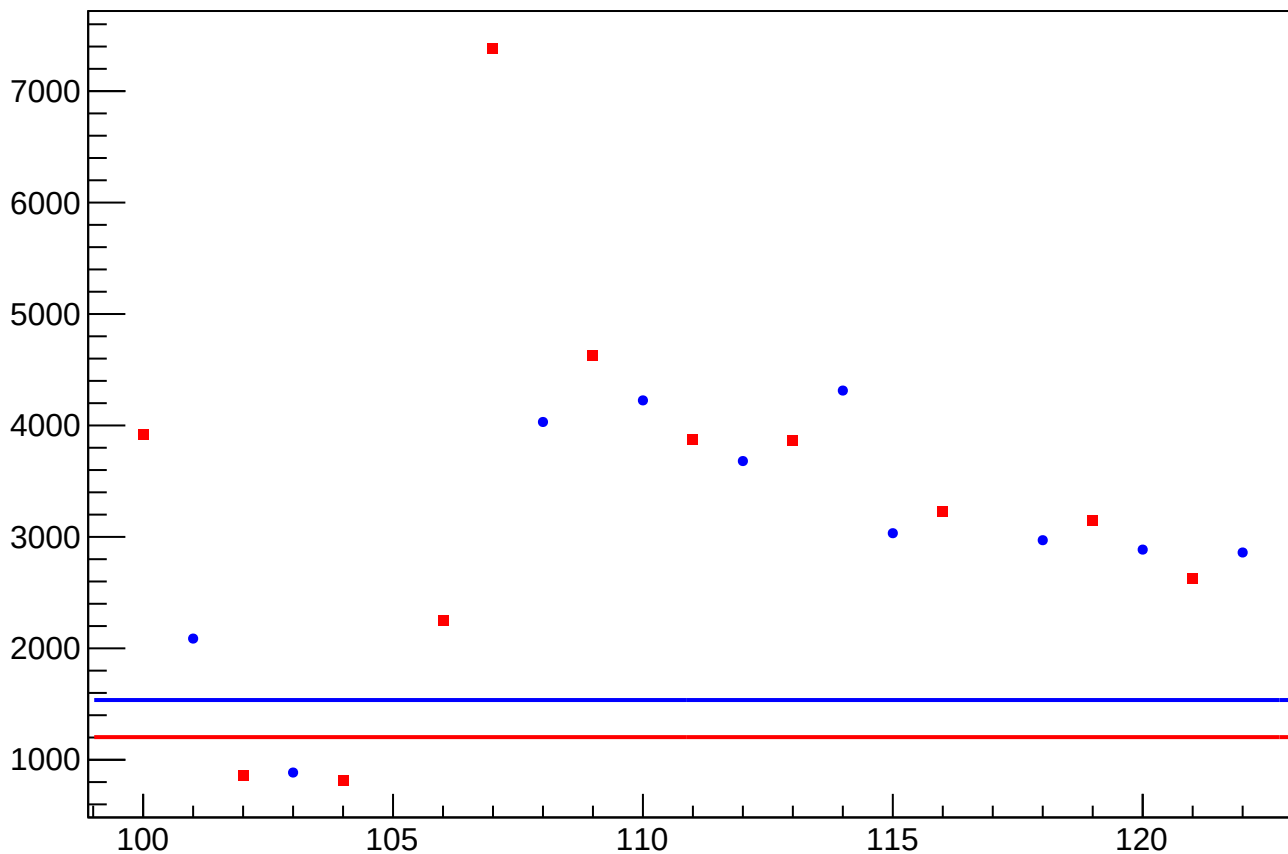
Right: 384.757+/-569.092 χ^2/NDF : 22.7/20

In: 185.818+/-944.958 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 384.757+/-569.092 χ^2/NDF : 22.7/20

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: 1203.479+/-0.504 χ^2/NDF : 3366731.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

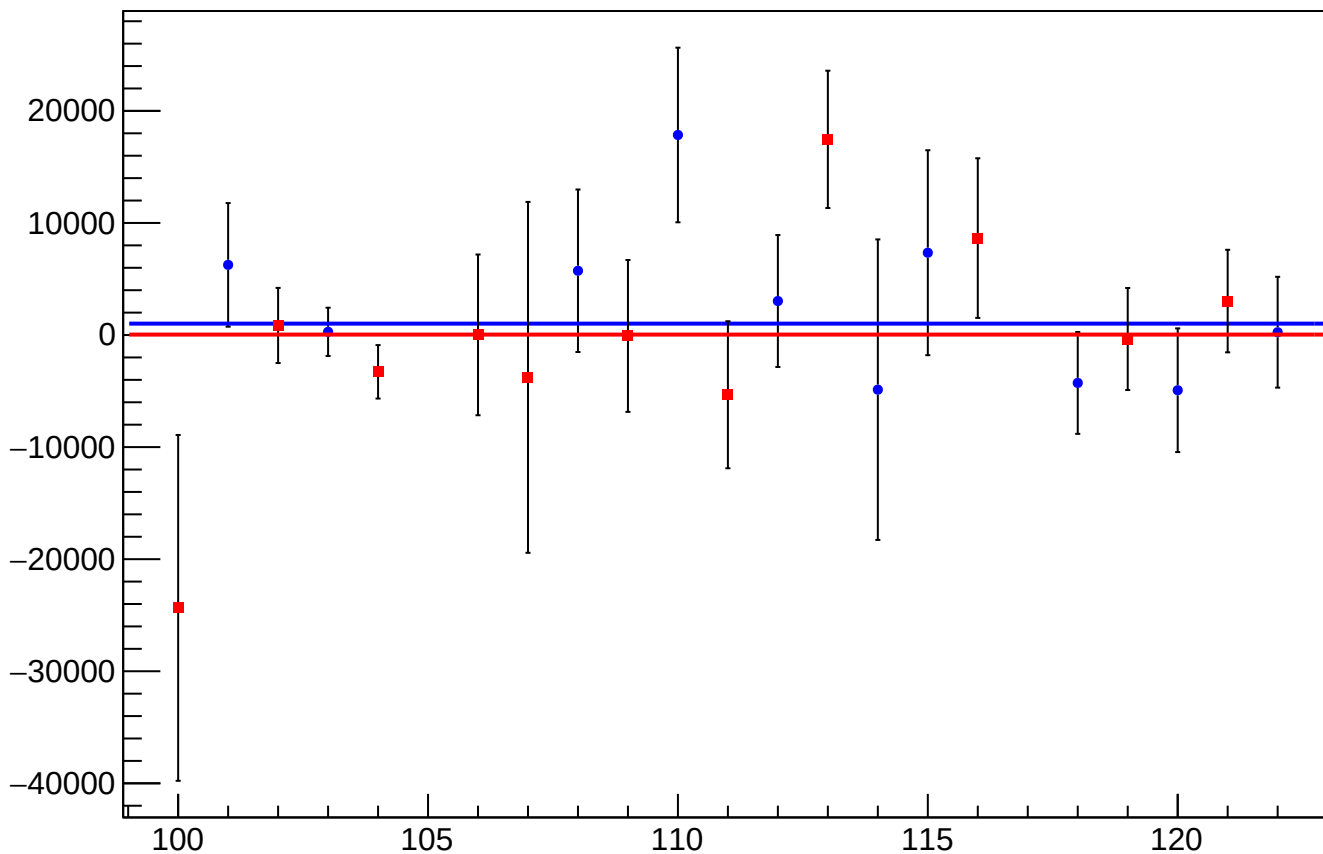
Right: 1324.161+/-0.402 χ^2/NDF : 5921720.3/20

In: 1536.218+/-0.668 χ^2/NDF : 2396950.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.161+/-0.402 χ^2/NDF : 5921720.3/20

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: 39.773+/-1443.418 χ^2 /NDF: 15.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

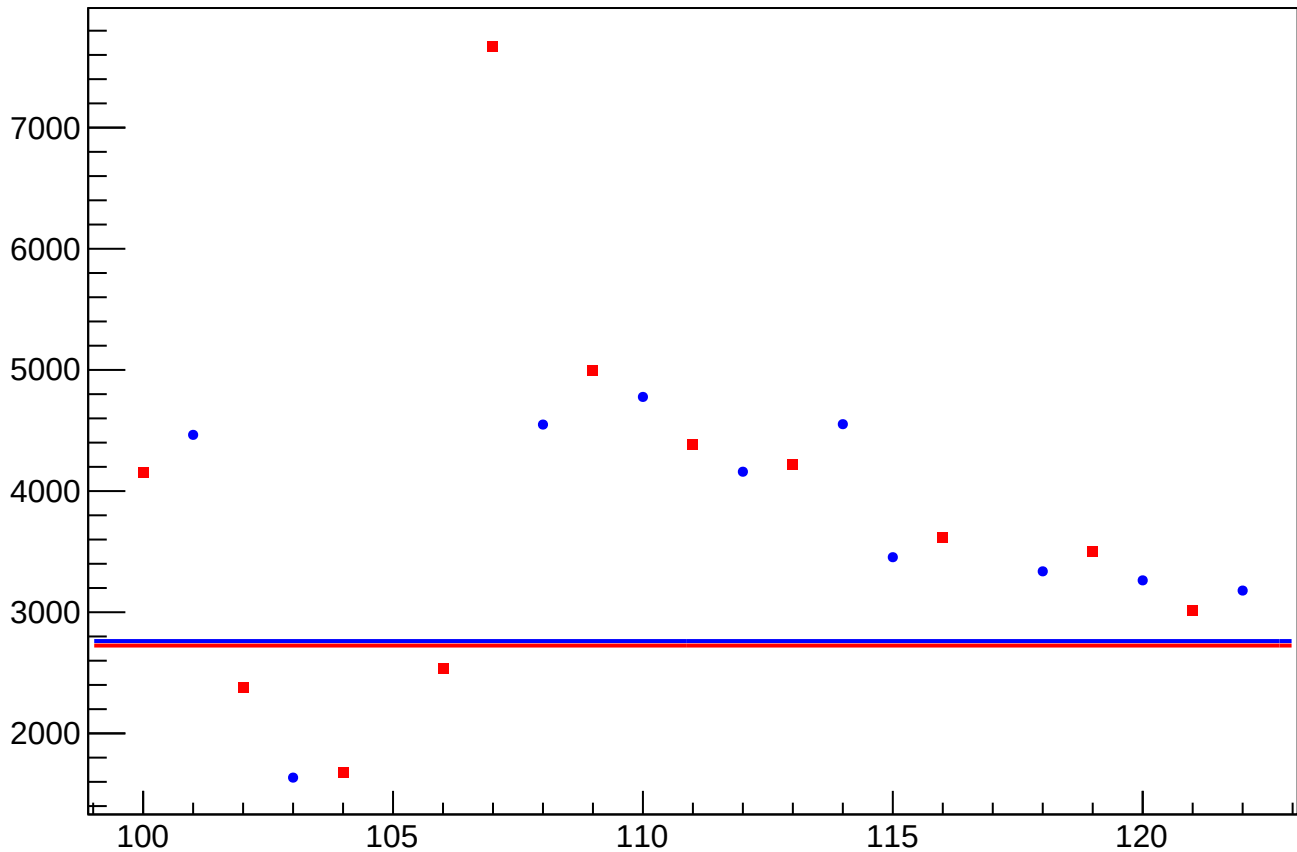
Right: 514.253+/-1035.478 χ^2 /NDF: 24.9/20

In: 1017.342+/-1486.298 χ^2 /NDF:9.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 514.253+/-1035.478 χ^2 /NDF: 24.9/20

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: 2725.102+/-0.999 χ^2/NDF : 1199133.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

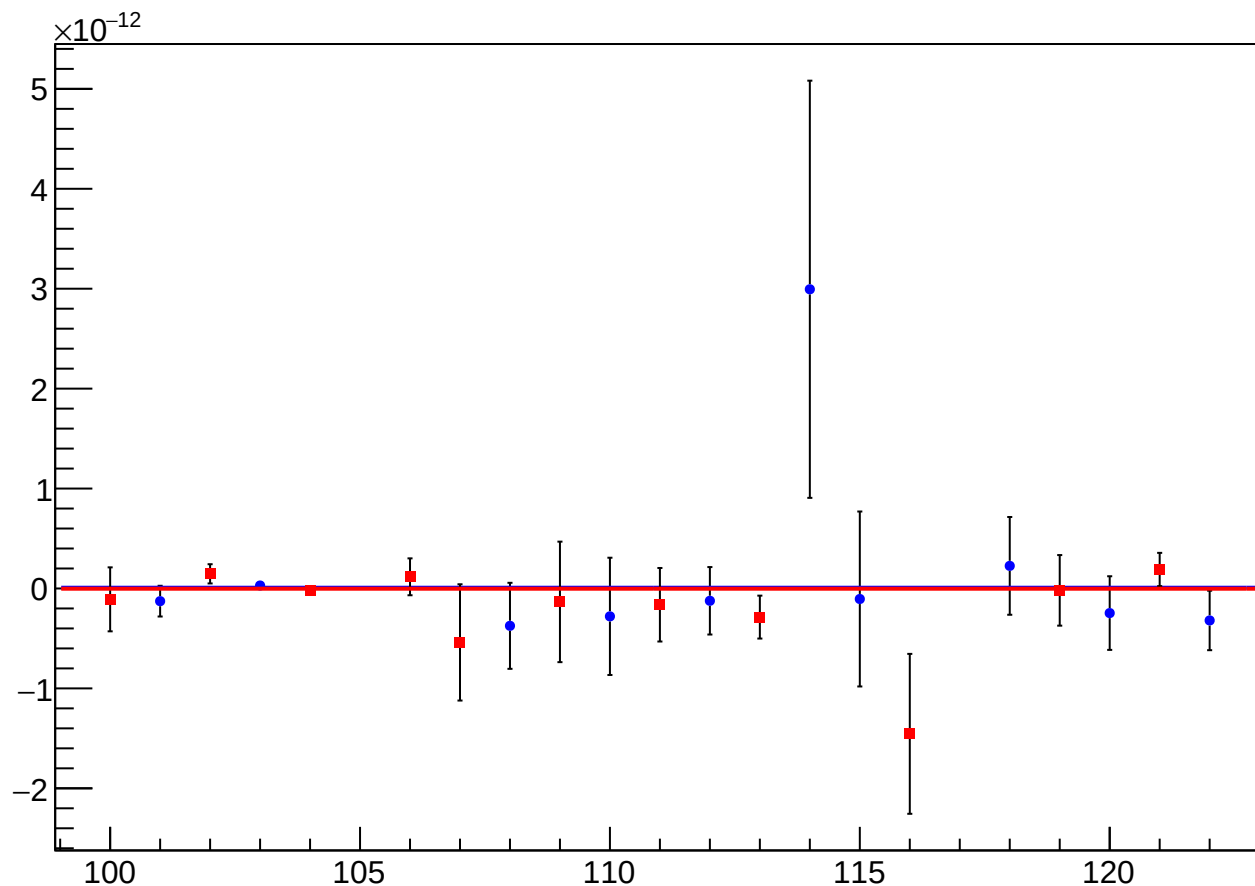
Right: 2742.676+/-0.724 χ^2/NDF : 2416387.5/20

In: 2762.113+/-1.051 χ^2/NDF : 1216603.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2742.676+/-0.724 χ^2/NDF : 2416387.5/20

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 : 10.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

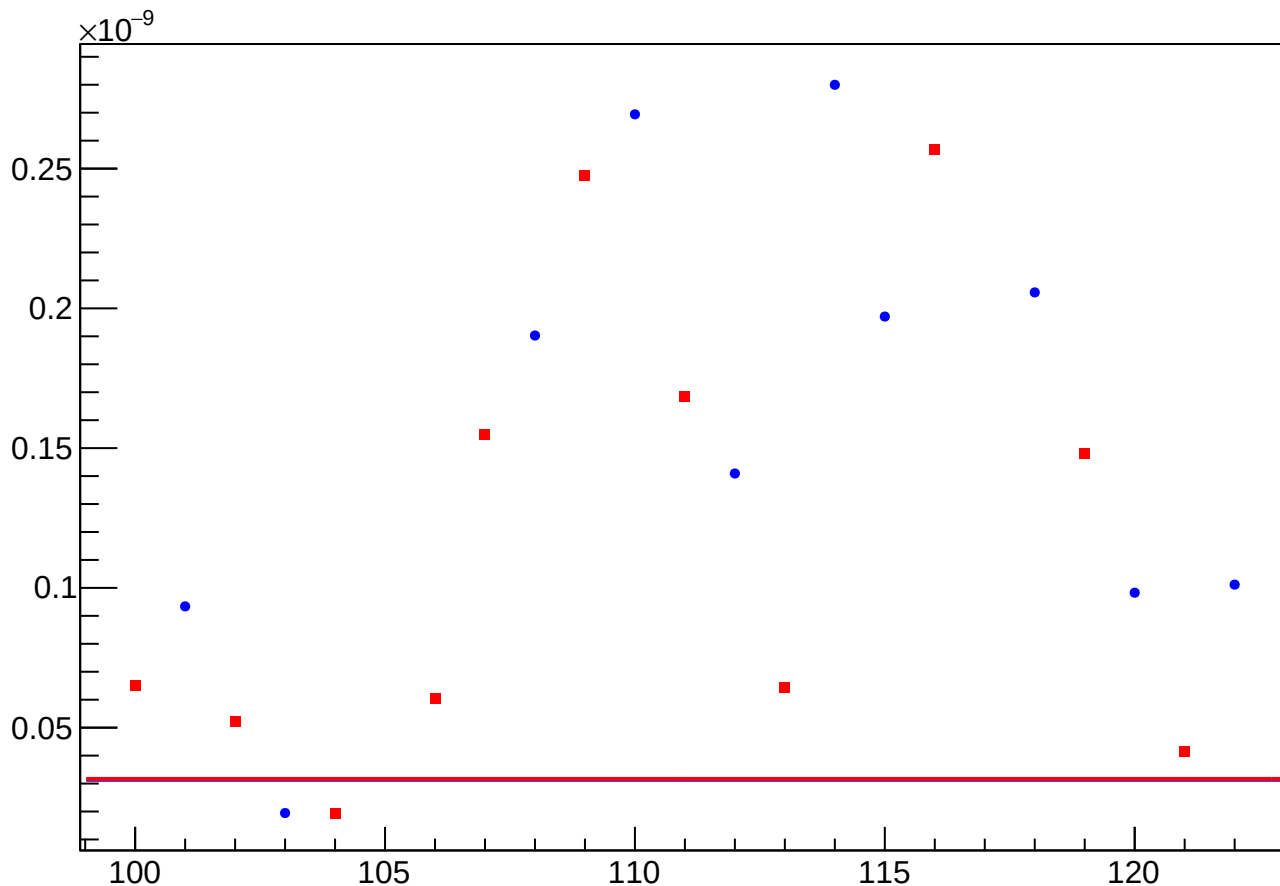
Right: 0.000+/-0.000 χ^2/NDF : 16.9/20

In: 0.000+/-0.000 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.9/20

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 : 1405891.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

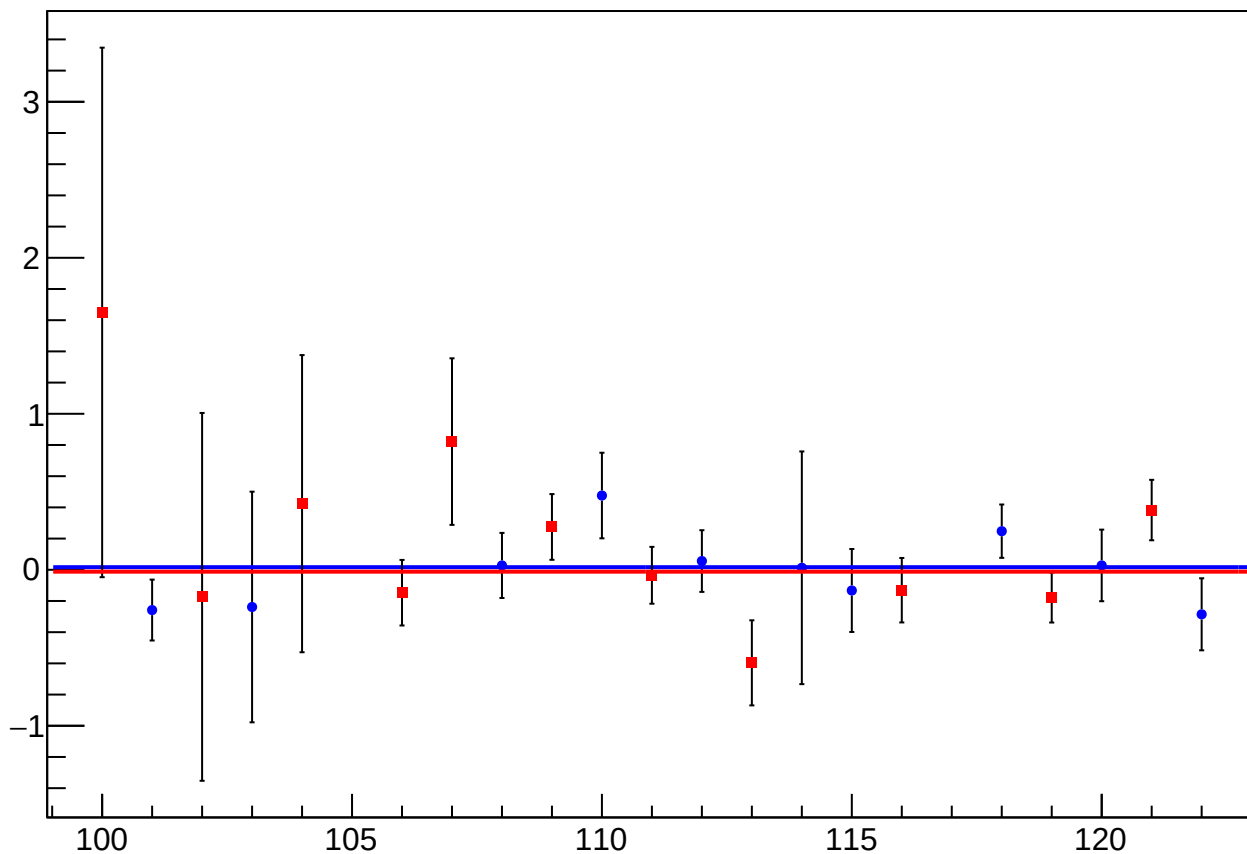
Right: 0.000+/-0.000 χ^2/NDF : 3250502.2/20

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 : 3250502.2/20

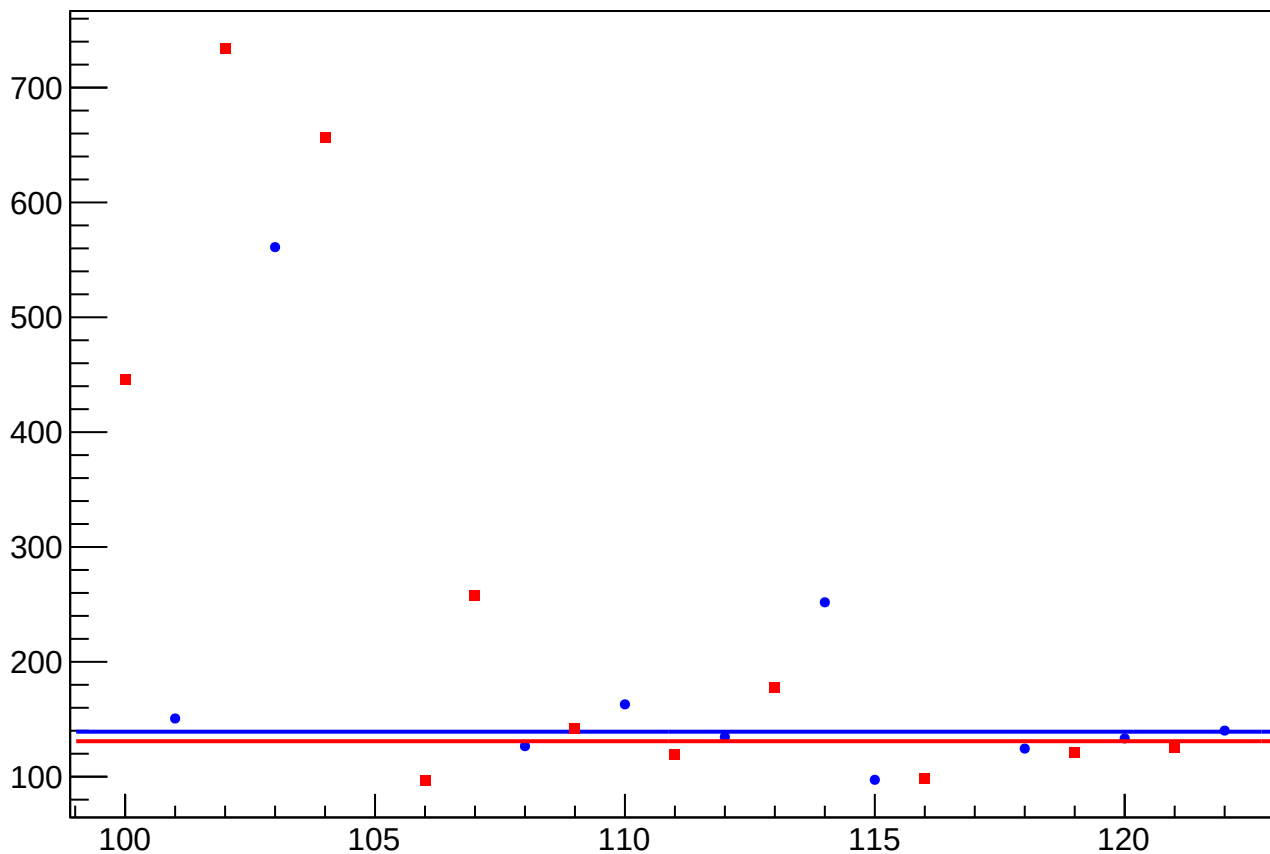
asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.075 χ^2 /NDF: 8.8/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.012 $\pm$ 0.074 χ^2 /NDF: 16.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.002 $\pm$ 0.053 χ^2 /NDF: 24.9/20
 In: 0.017 $\pm$ 0.075 χ^2 /NDF:8.8/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.002 $\pm$ 0.053 χ^2 /NDF: 24.9/20

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: 130.892+/-0.052 χ^2/NDF : 1499323.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

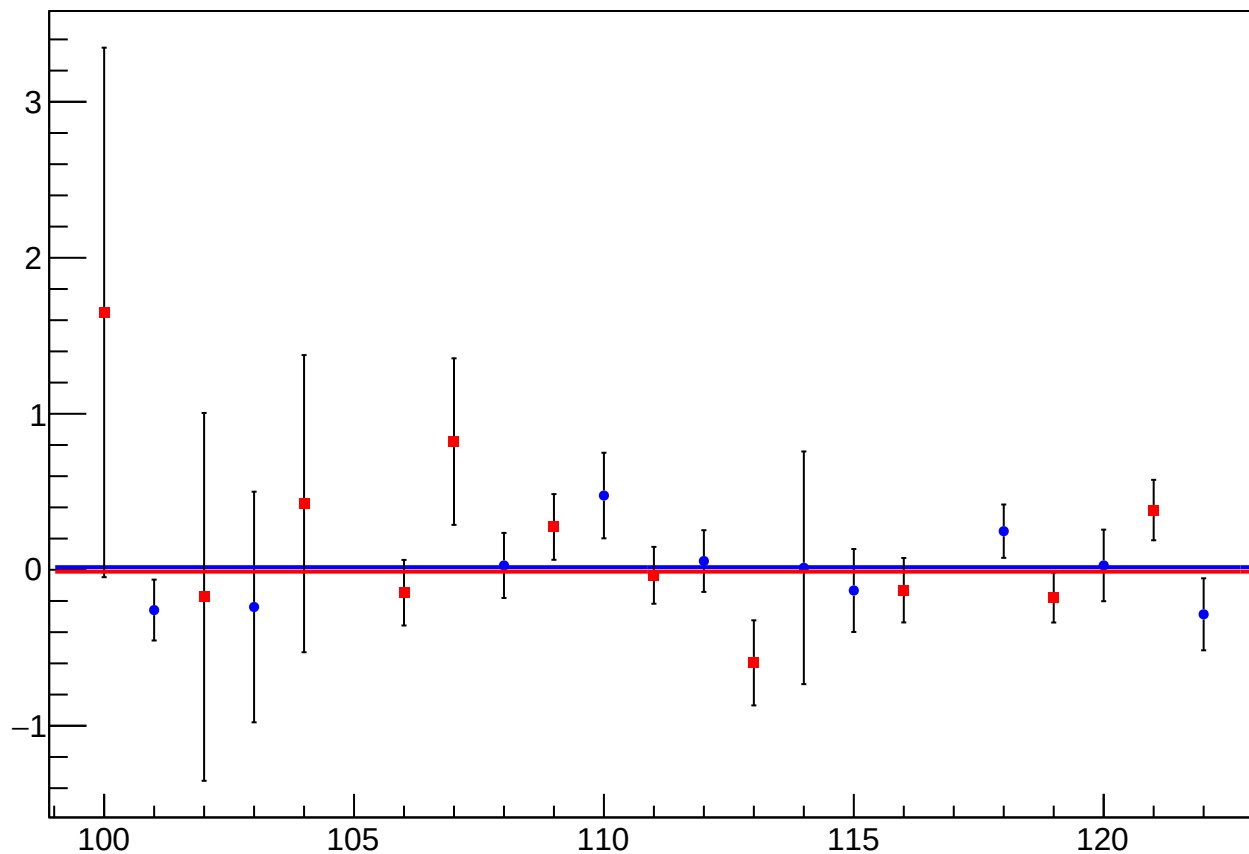
Right: 134.969+/-0.037 χ^2/NDF : 2304935.2/20

In: 139.174+/-0.053 χ^2/NDF : 793224.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.969+/-0.037 χ^2/NDF : 2304935.2/20

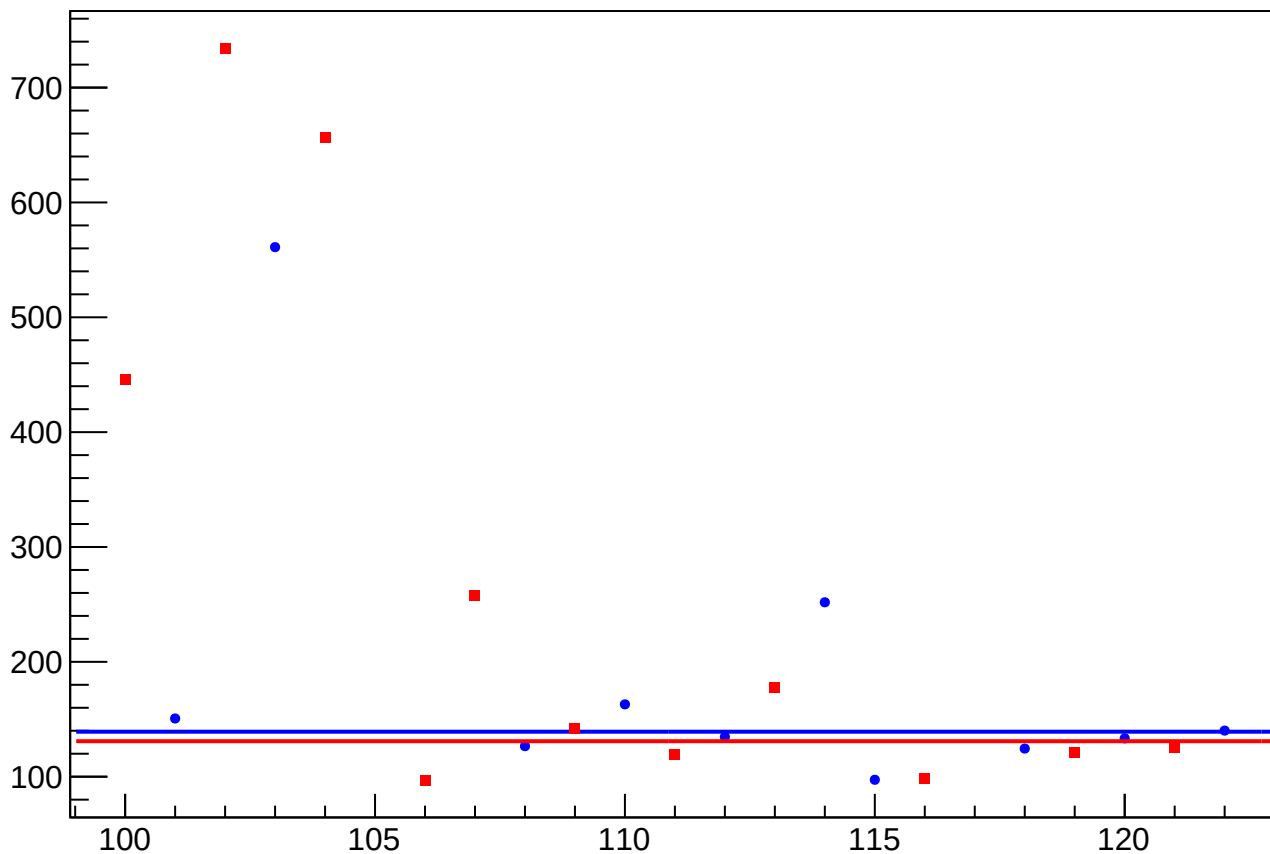
asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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 : 16.1/10
 Left 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 : 24.9/20
 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 : 24.9/20

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: 130.892+/-0.052 χ^2/NDF : 1499323.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

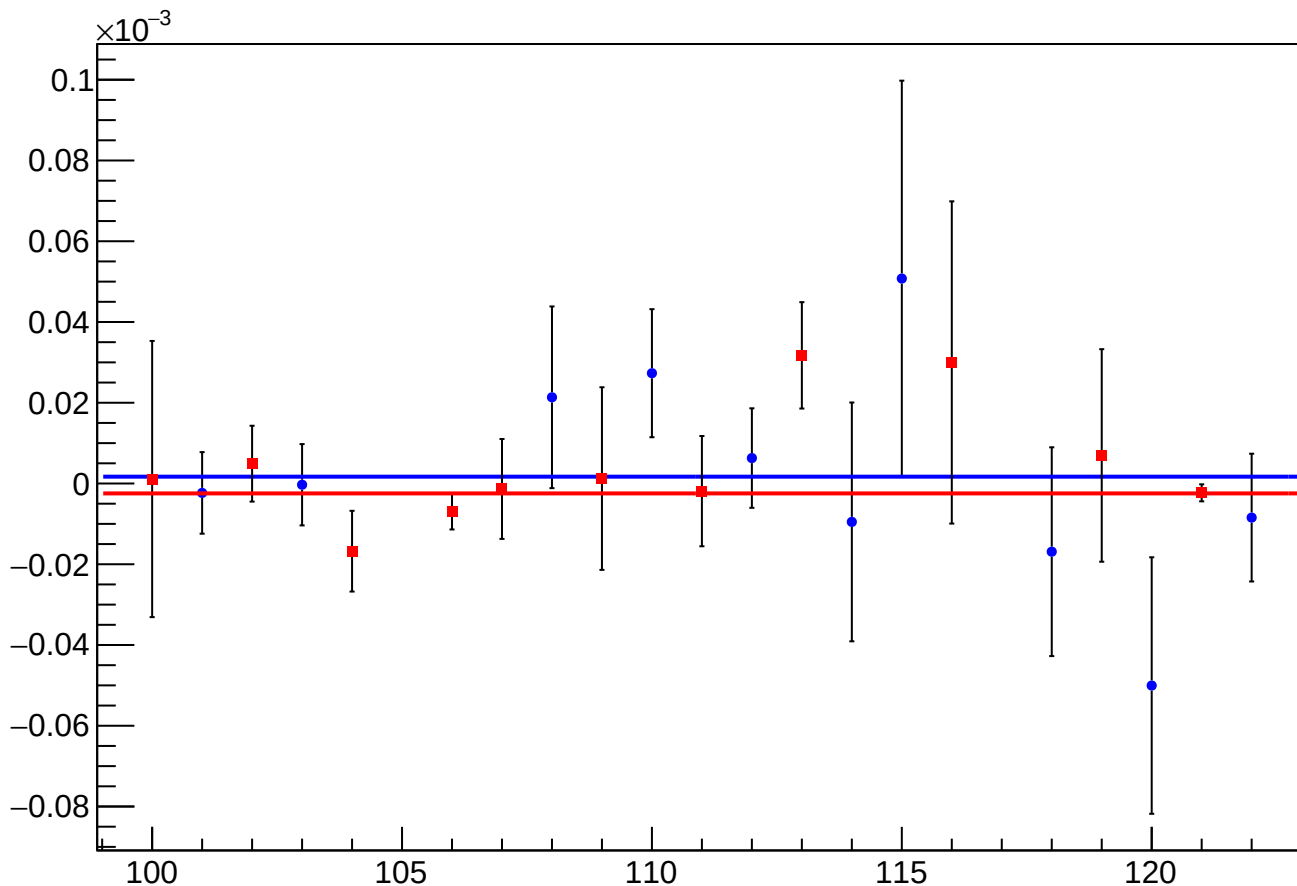
Right: 134.969+/-0.037 χ^2/NDF : 2304935.2/20

In: 139.174+/-0.053 χ^2/NDF : 793224.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.969+/-0.037 χ^2/NDF : 2304935.2/20

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

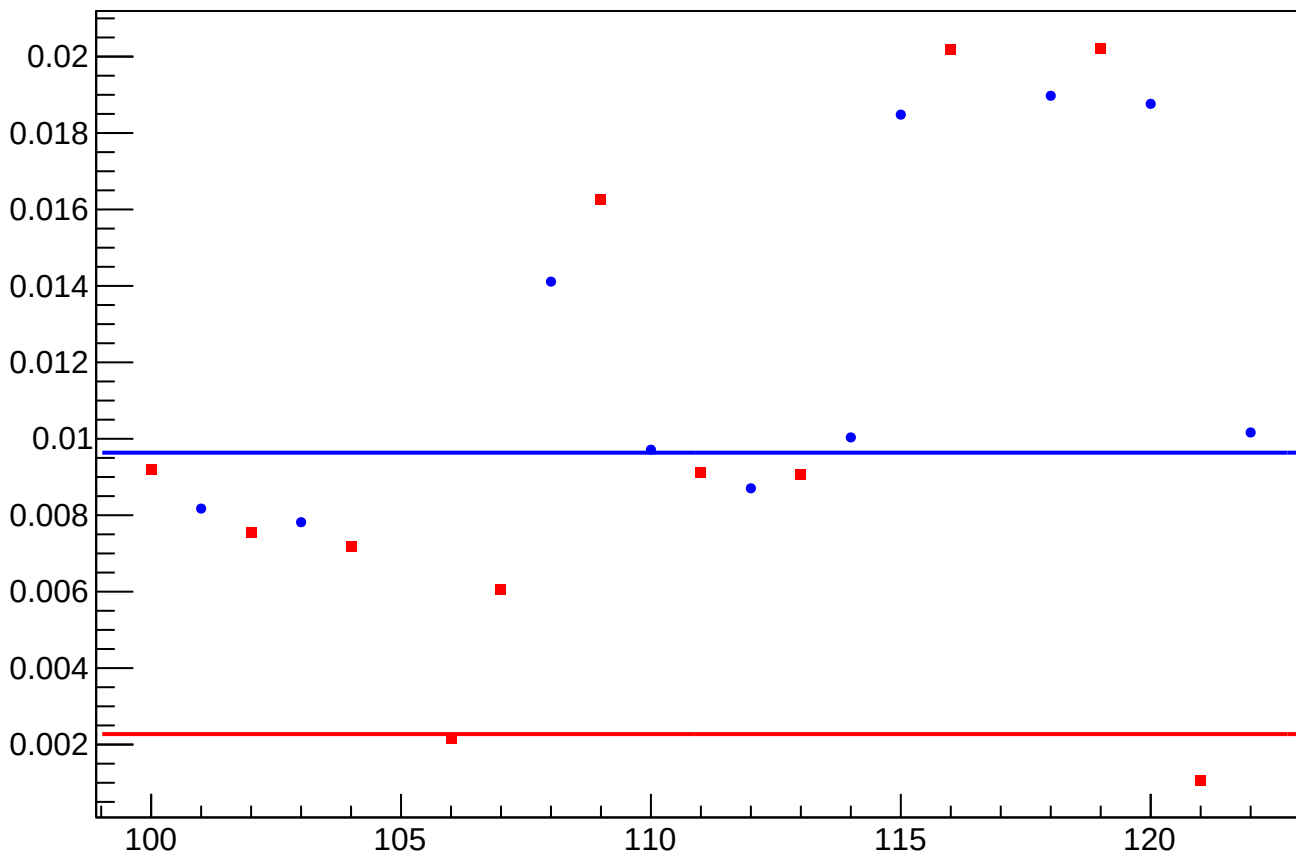
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.3/20

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

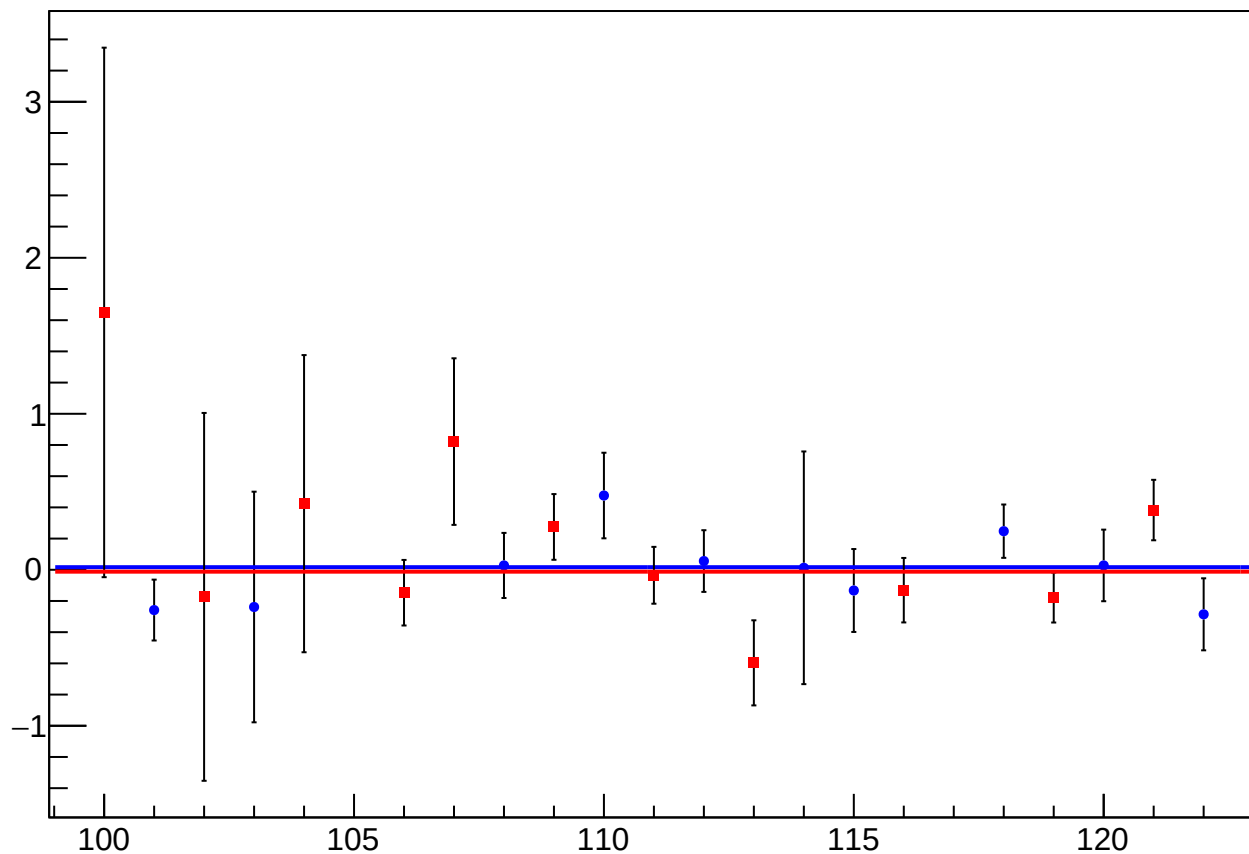
Right: 0.003+/-0.000 χ^2/NDF : 9752905.0/20

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

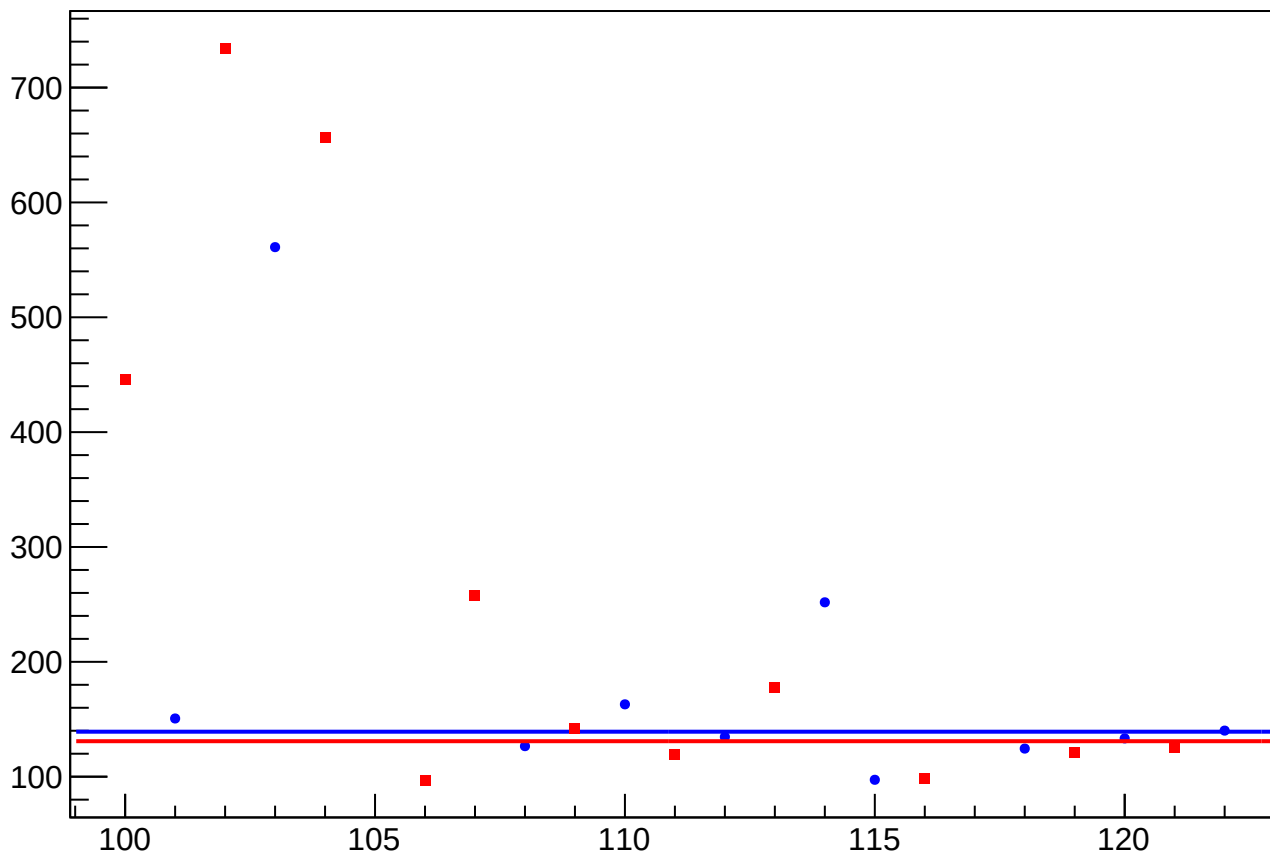
asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 16.1/10
 Left 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 : 24.9/20
 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 : 24.9/20

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: 130.893+/-0.052 χ^2/NDF : 1499285.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

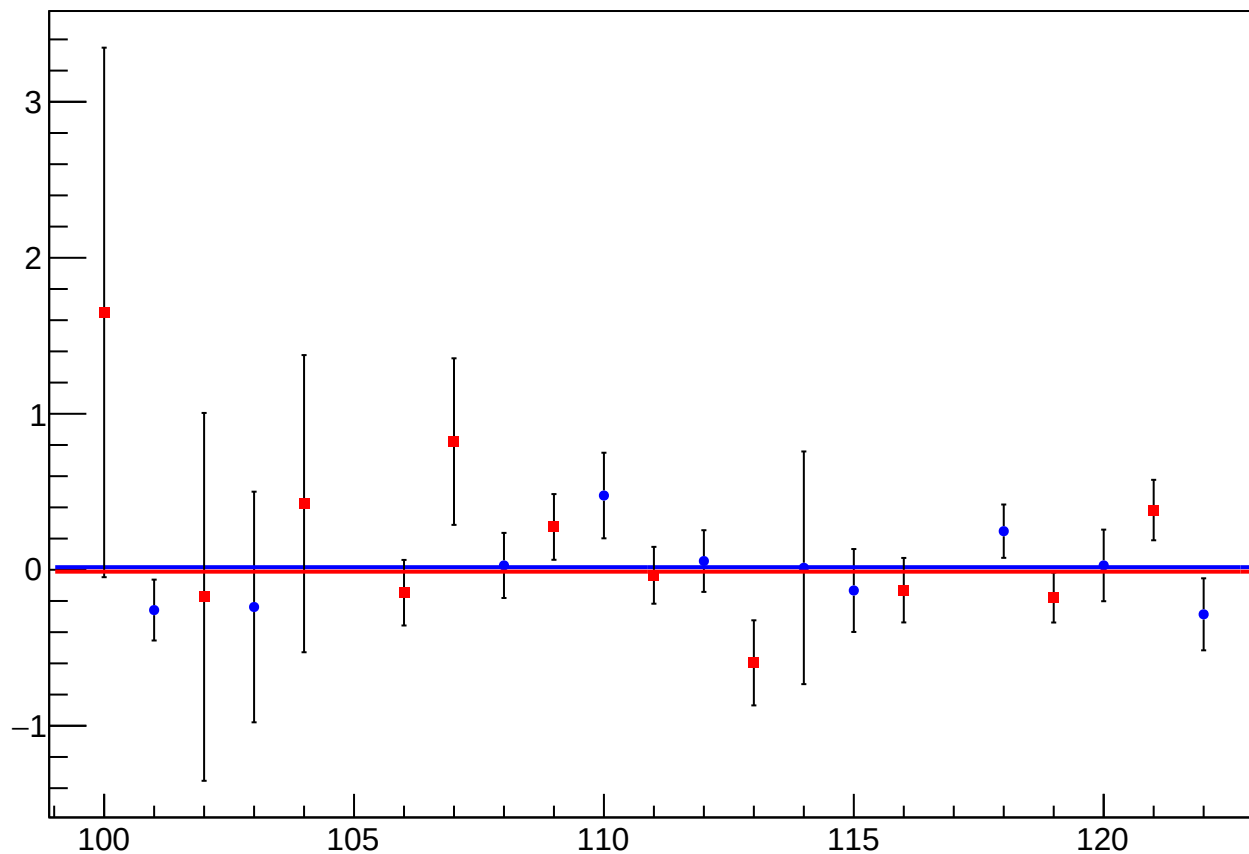
Right: 134.970+/-0.037 χ^2/NDF : 2304893.7/20

In: 139.173+/-0.053 χ^2/NDF : 793225.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.970+/-0.037 χ^2/NDF : 2304893.7/20

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.075 χ^2 /NDF: 8.8/9

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

Right Out: -0.012 $\pm$ 0.074 χ^2 /NDF: 16.1/10

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

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

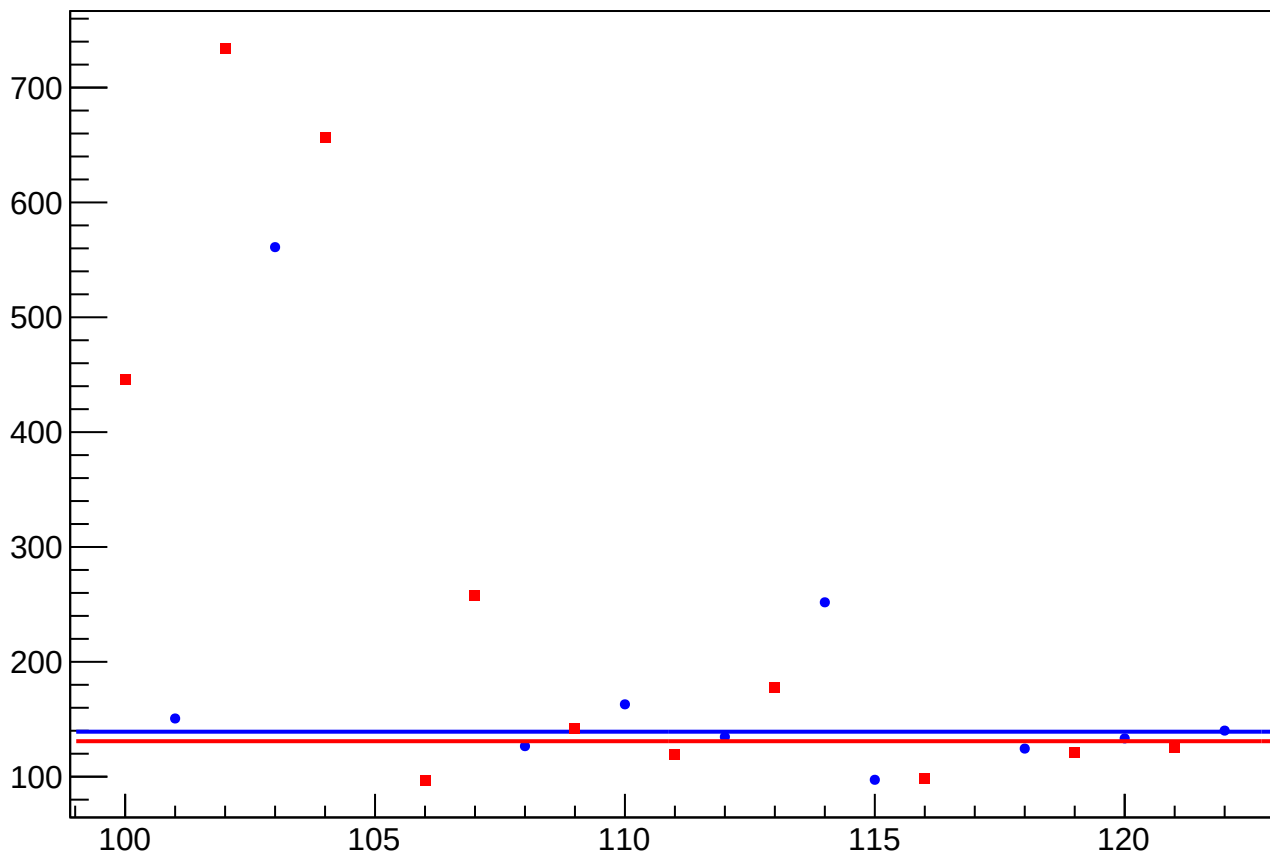
Right: 0.002 $\pm$ 0.053 χ^2 /NDF: 24.9/20

In: 0.017 $\pm$ 0.075 χ^2 /NDF: 8.8/9

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

All: 0.002 $\pm$ 0.053 χ^2 /NDF: 24.9/20

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: 130.893+/-0.052 χ^2/NDF : 1499285.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

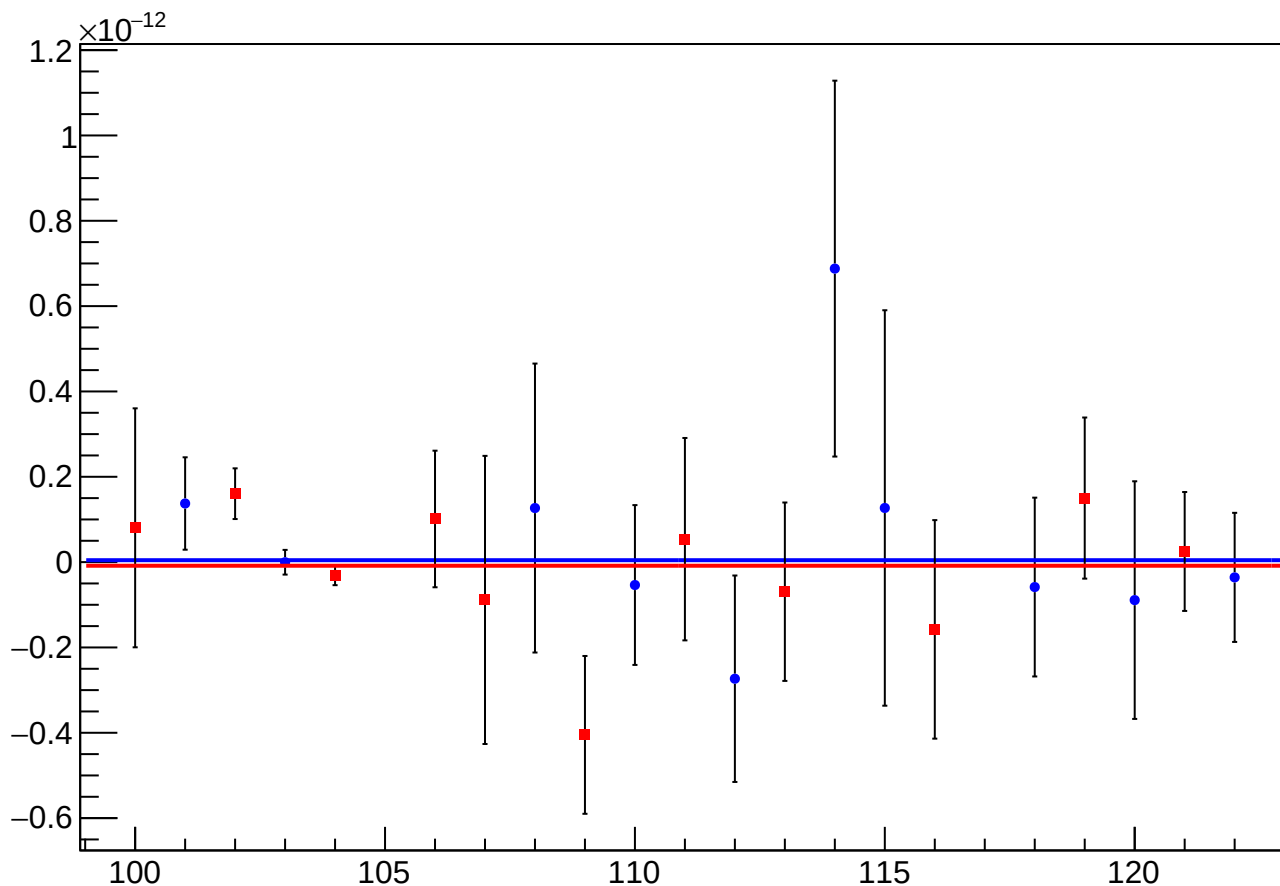
Right: 134.970+/-0.037 χ^2/NDF : 2304893.7/20

In: 139.173+/-0.053 χ^2/NDF : 793225.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.970+/-0.037 χ^2/NDF : 2304893.7/20

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 : 15.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

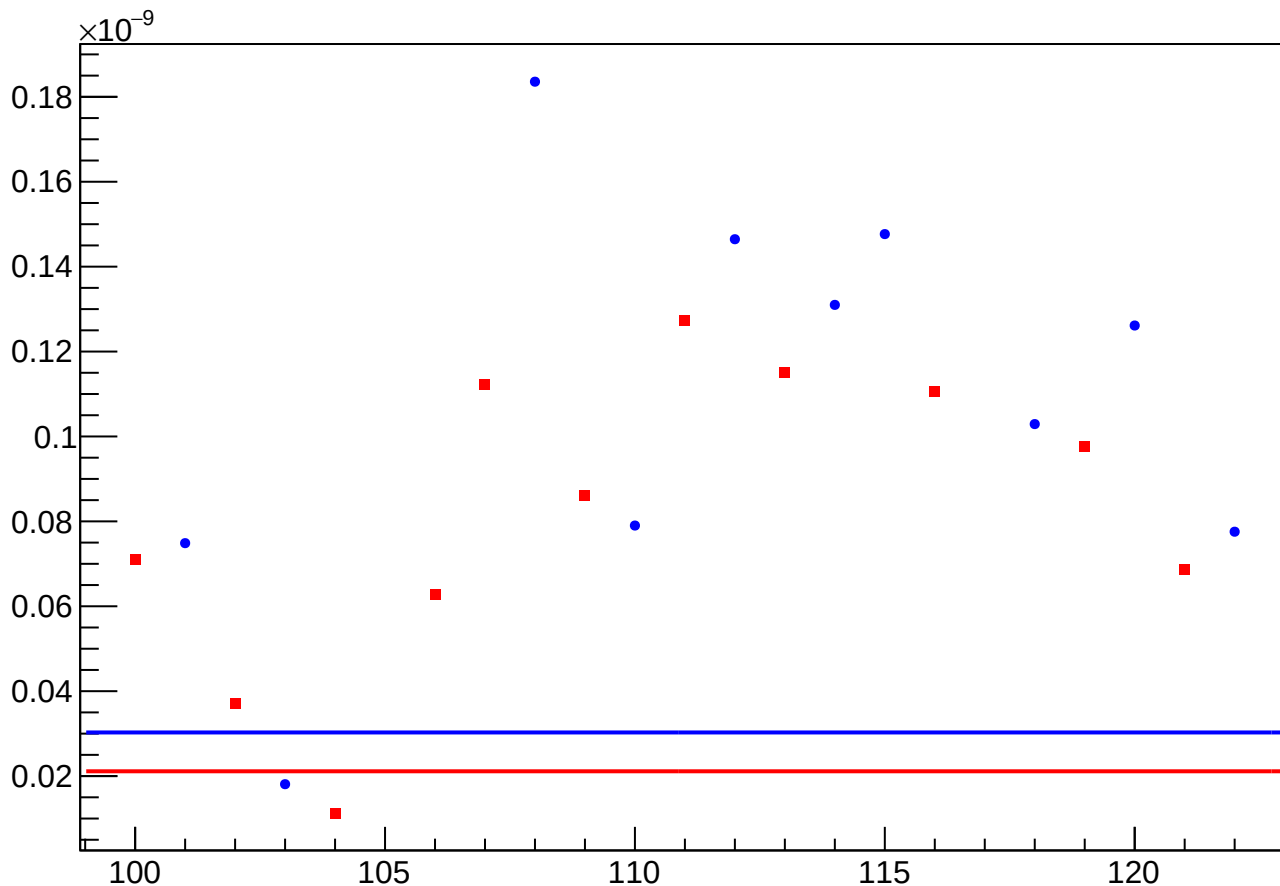
Right: -0.000+/-0.000 χ^2/NDF : 21.6/20

In: 0.000+/-0.000 χ^2/NDF : 5.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.6/20

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 : 2734353.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

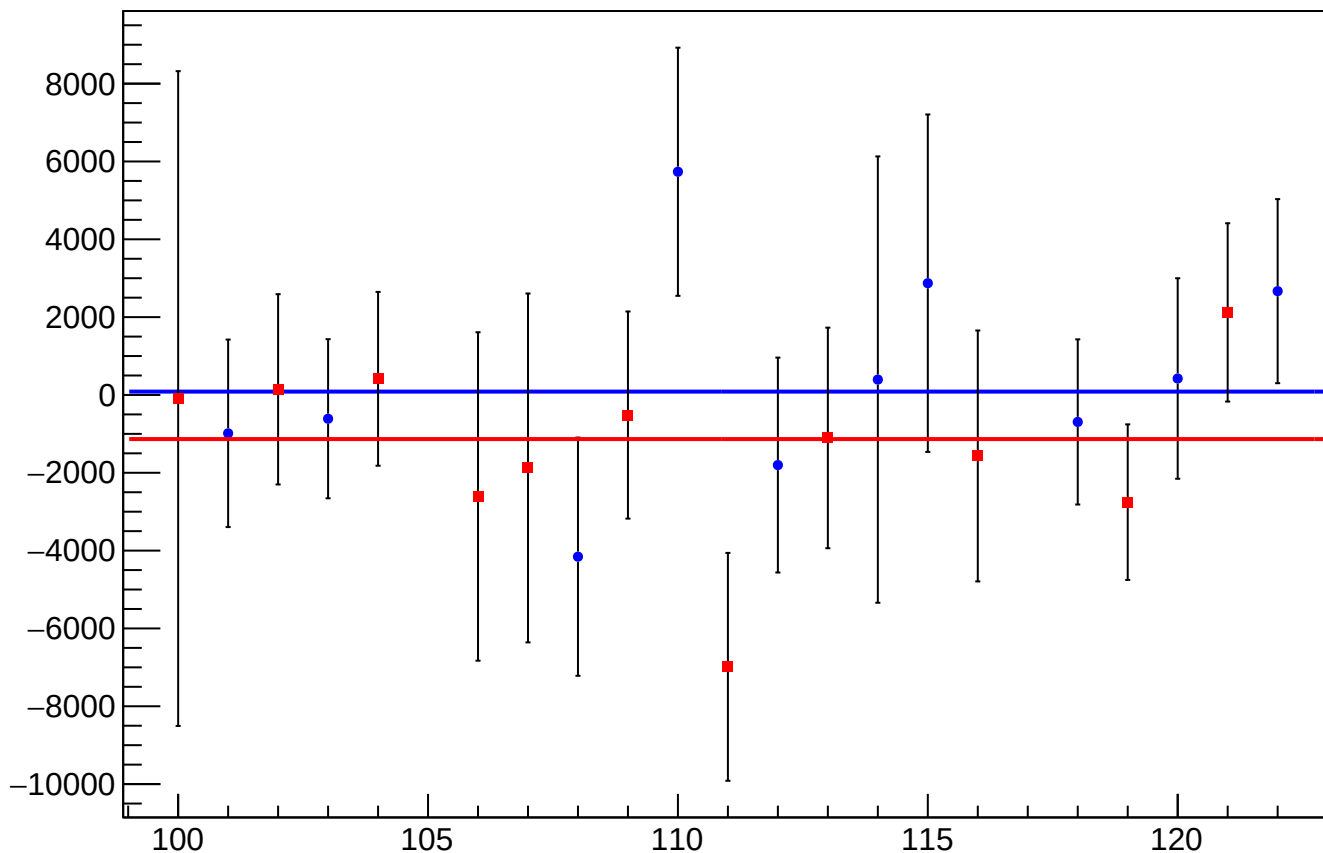
Right: 0.000+/-0.000 χ^2/NDF : 5490729.7/20

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 : 5490729.7/20

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: -1133.840+/-843.051 χ^2/NDF : 7.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

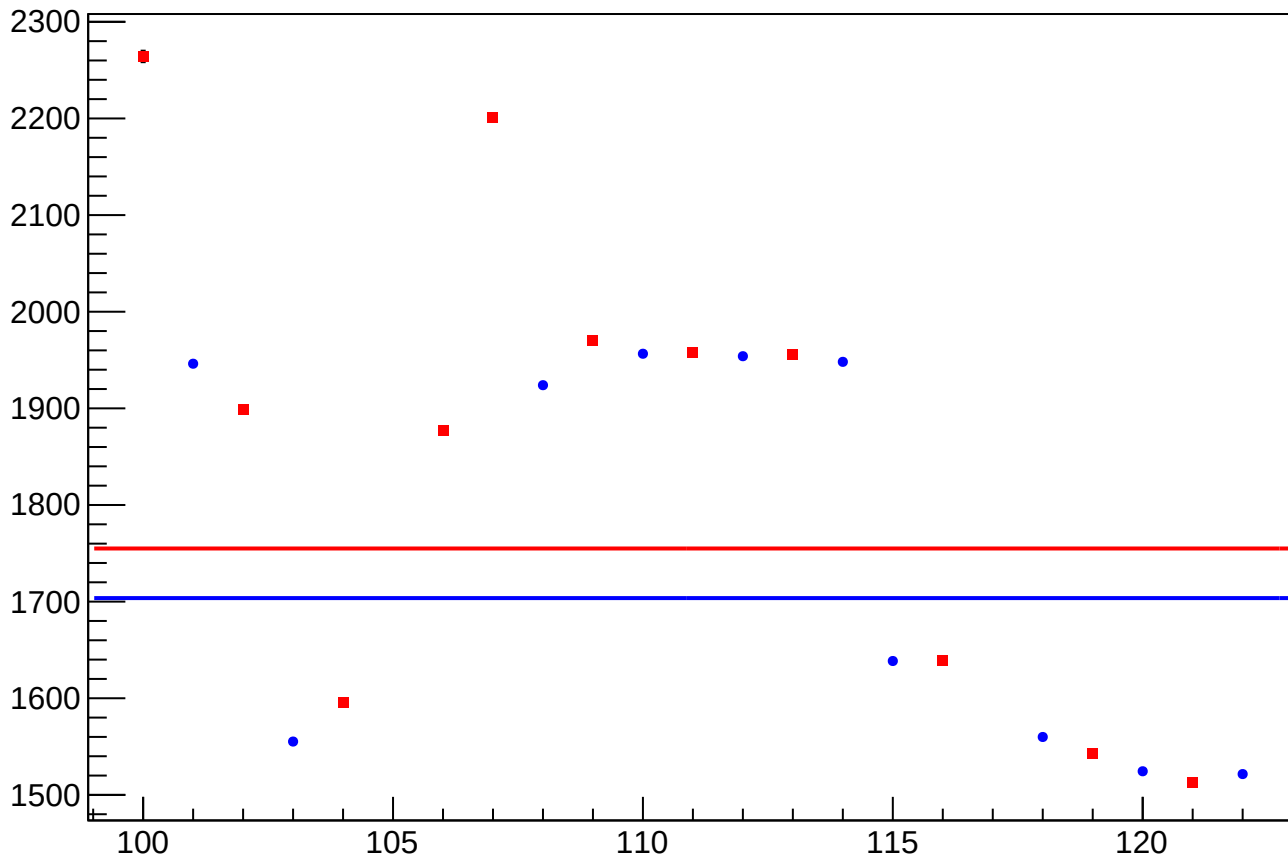
Right: -529.031+/-598.716 χ^2/NDF : 16.3/20

In: 86.398+/-850.420 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -529.031+/-598.716 χ^2/NDF : 16.3/20

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: 1754.985+/-0.591 χ^2/NDF : 126554.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

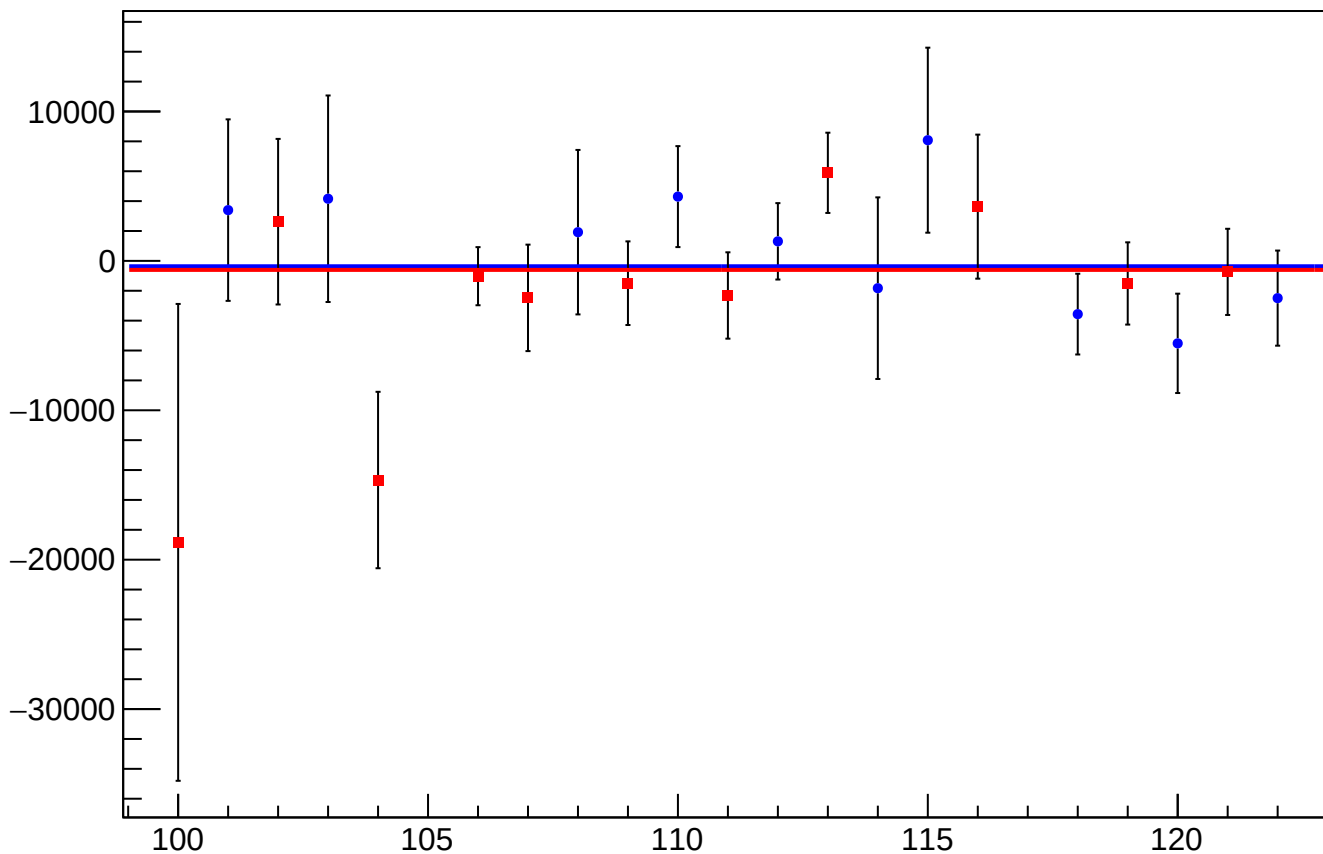
Right: 1729.754+/-0.422 χ^2/NDF : 235235.3/20

In: 1703.659+/-0.601 χ^2/NDF : 104976.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.754+/-0.422 χ^2/NDF : 235235.3/20

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: -603.773+/-958.041 χ^2/NDF : 14.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

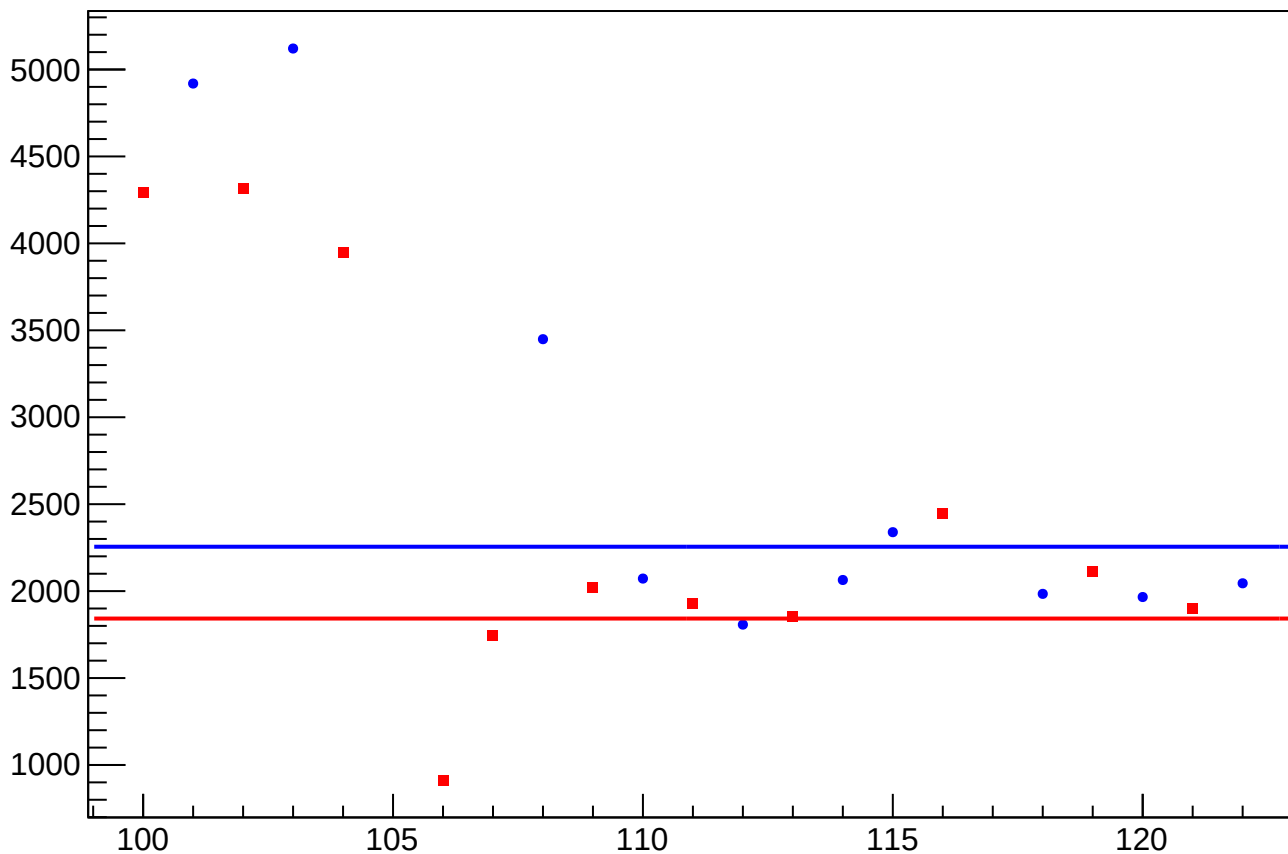
Right: -508.624+/-747.371 χ^2/NDF : 24.3/20

In: -360.698+/-1194.550 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -508.624+/-747.371 χ^2/NDF : 24.3/20

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: 1842.209+/-0.677 χ^2/NDF : 1221116.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

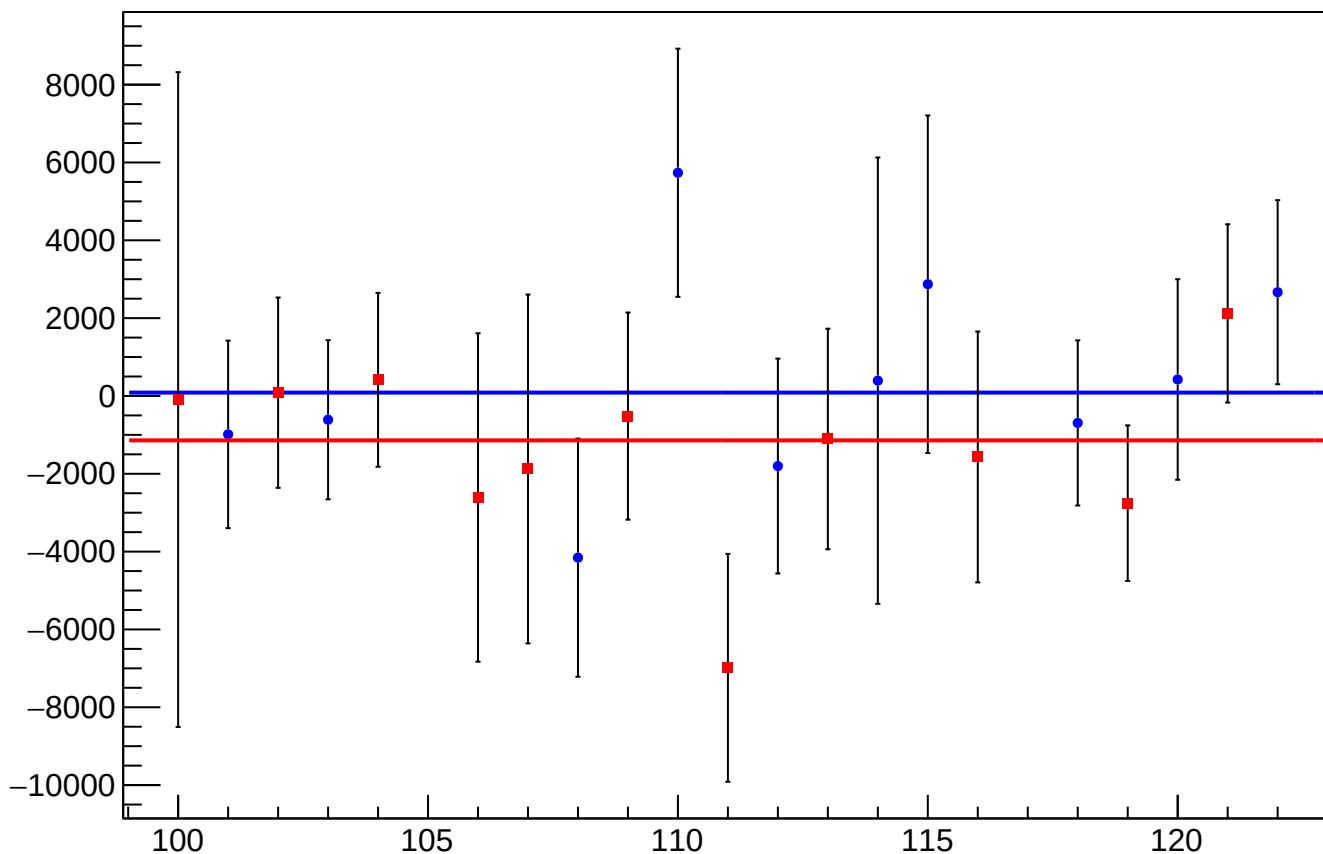
Right: 2003.908+/-0.528 χ^2/NDF : 2302660.7/20

In: 2255.298+/-0.845 χ^2/NDF : 935994.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2003.908+/-0.528 χ^2/NDF : 2302660.7/20

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: -1141.361+/-843.065 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

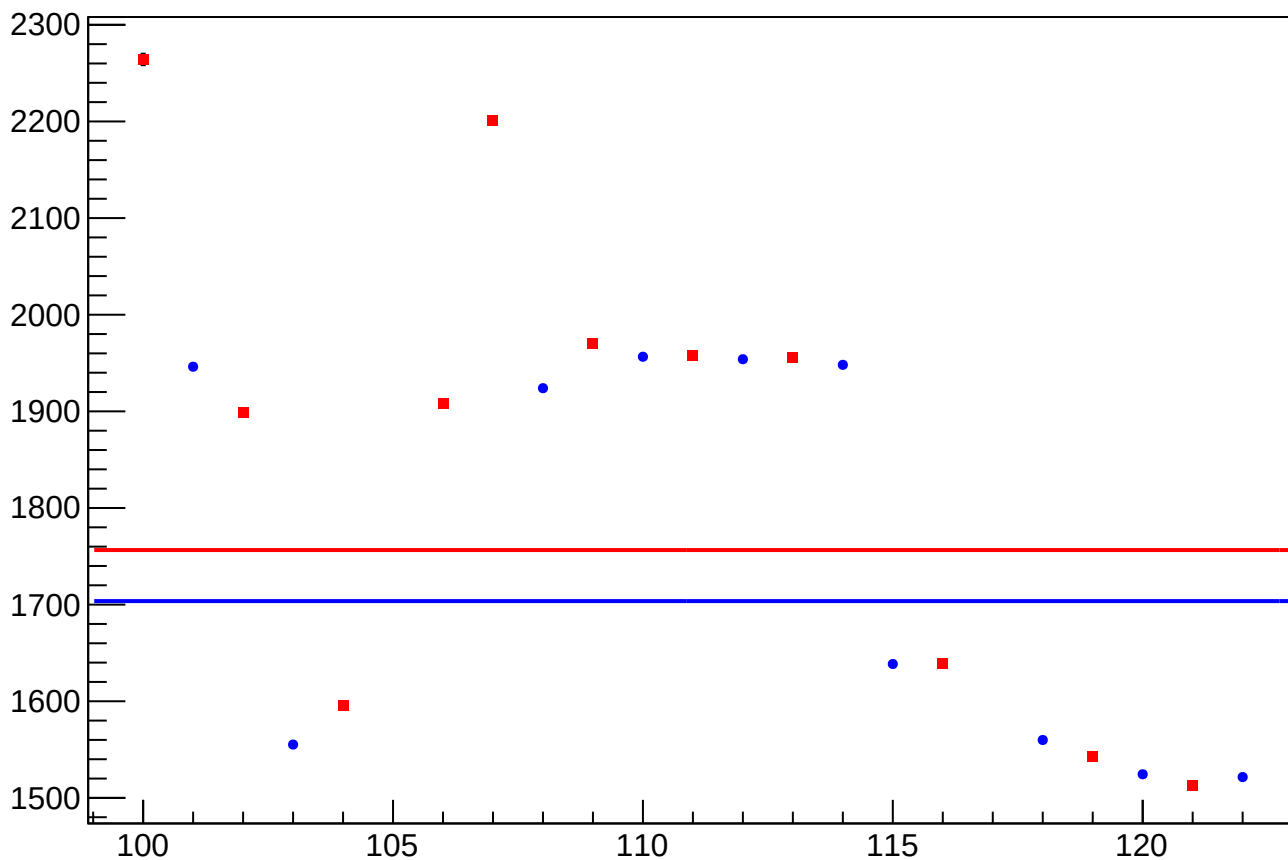
Right: -532.920+/-598.721 χ^2/NDF : 16.3/20

In: 86.183+/-850.421 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -532.920+/-598.721 χ^2/NDF : 16.3/20

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: 1756.481+/-0.592 χ^2/NDF : 127819.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

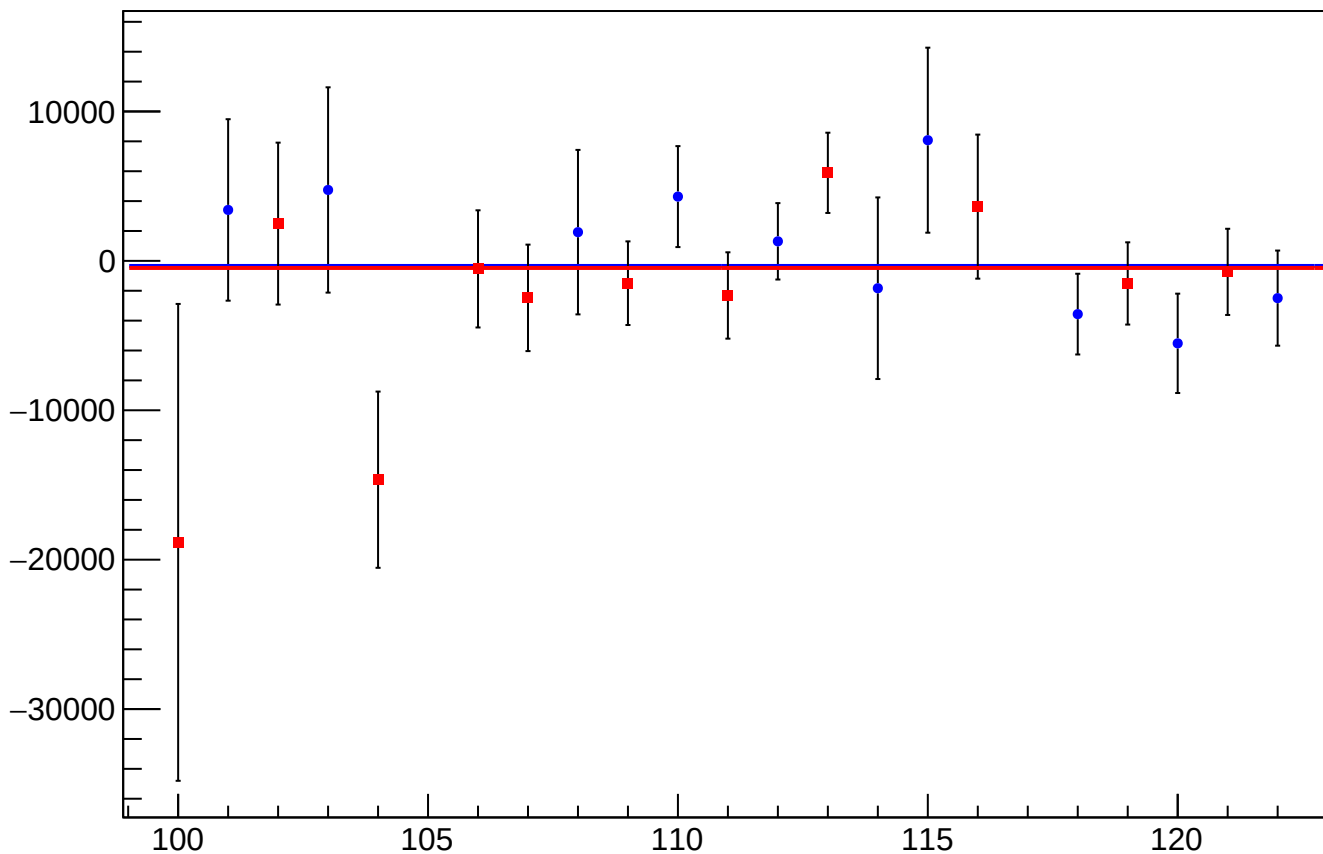
Right: 1730.493+/-0.422 χ^2/NDF : 236716.2/20

In: 1703.659+/-0.601 χ^2/NDF : 104977.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.493+/-0.422 χ^2/NDF : 236716.2/20

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: -474.135+/-1058.954 χ^2/NDF : 14.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

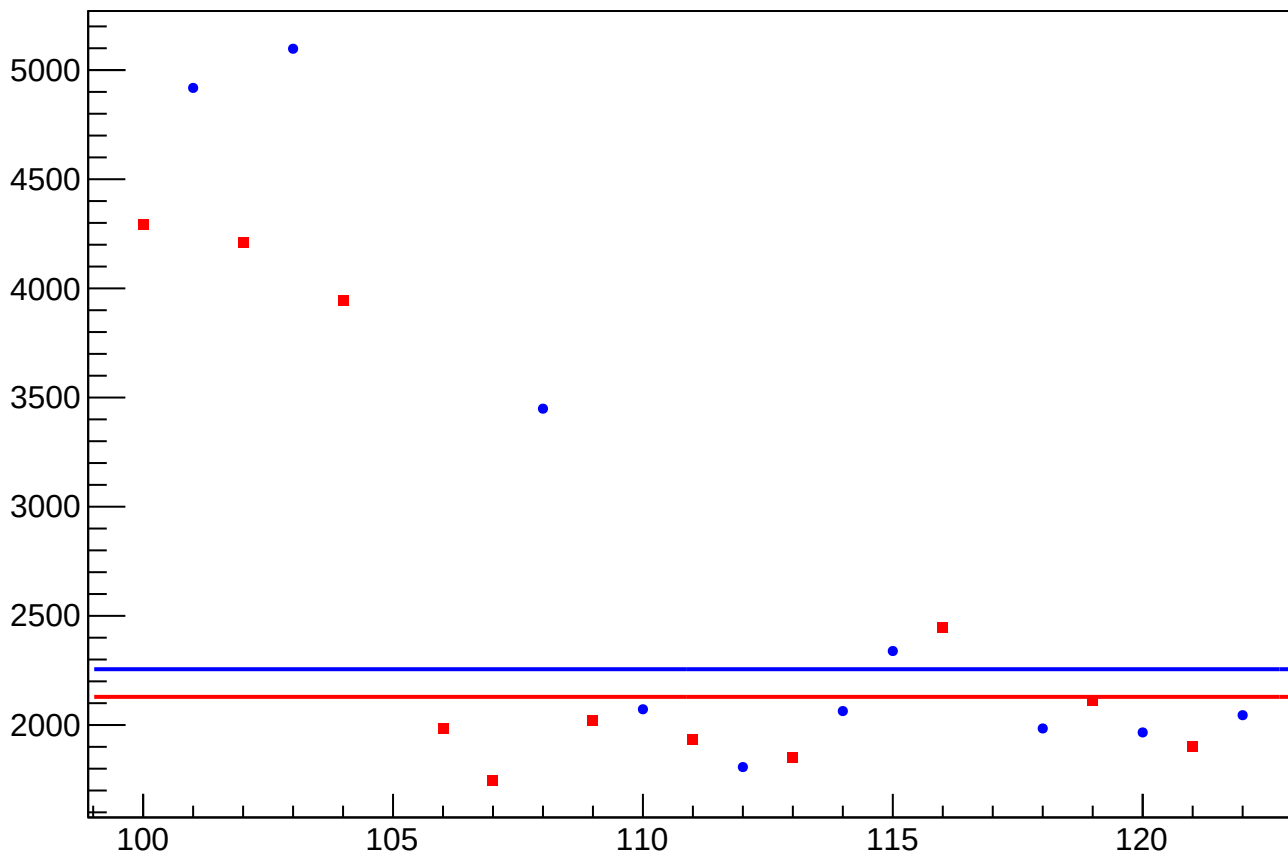
Right: -415.574+/-792.350 χ^2/NDF : 24.4/20

In: -341.083+/-1194.322 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -415.574+/-792.350 χ^2/NDF : 24.4/20

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: 2128.917+/-0.749 χ^2/NDF : 601304.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

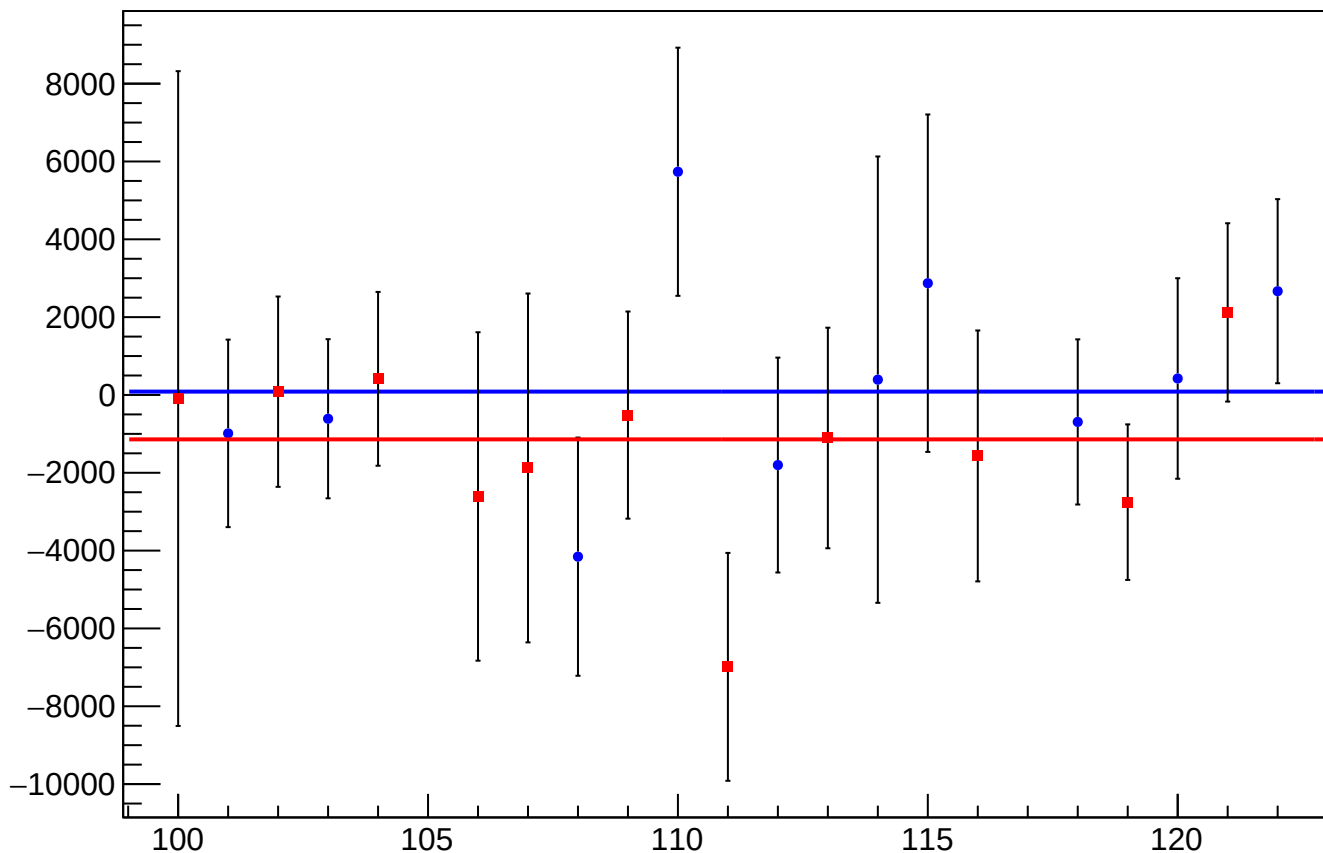
Right: 2184.685+/-0.560 χ^2/NDF : 1548349.5/20

In: 2255.621+/-0.845 χ^2/NDF : 934442.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.685+/-0.560 χ^2/NDF : 1548349.5/20

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: -1141.361+/-843.065 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

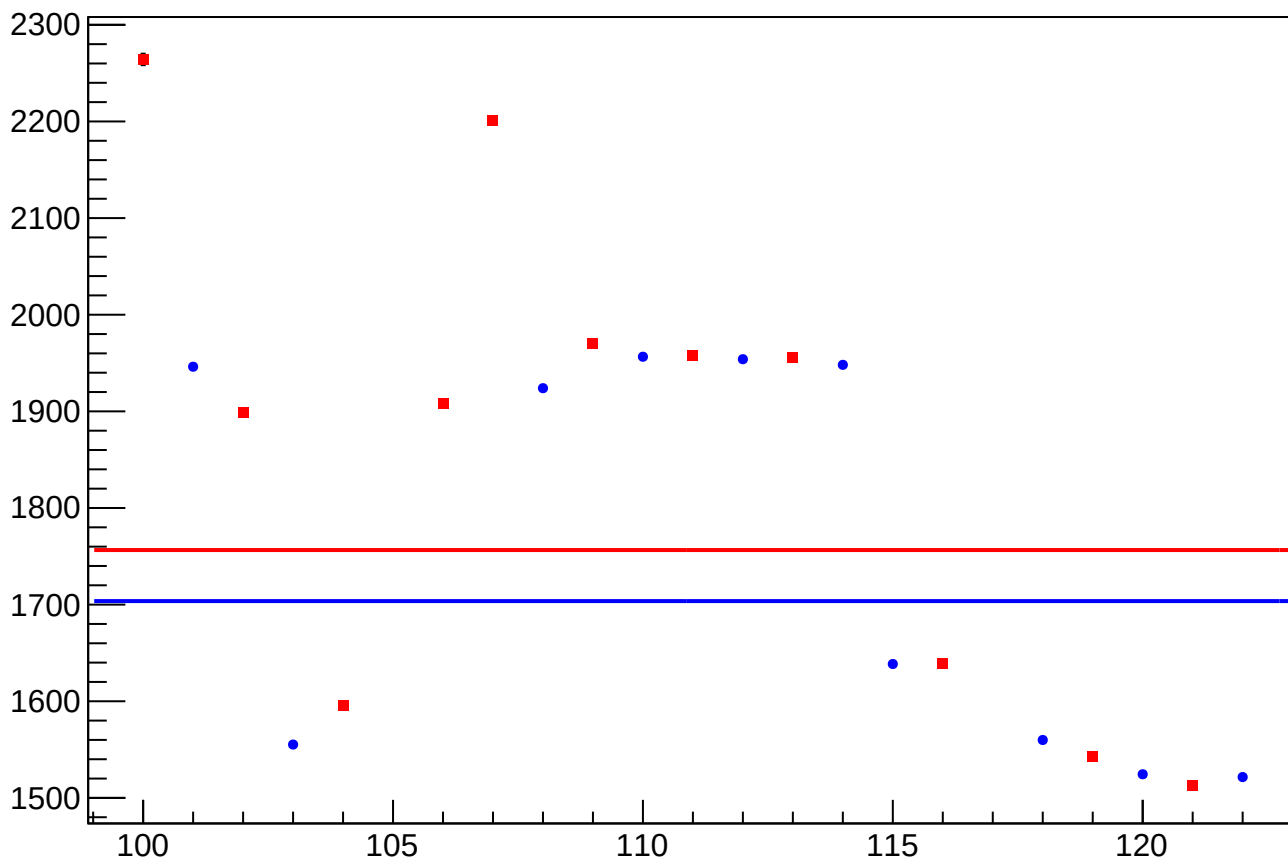
Right: -532.920+/-598.721 χ^2/NDF : 16.3/20

In: 86.183+/-850.421 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -532.920+/-598.721 χ^2/NDF : 16.3/20

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: 1756.481+/-0.592 χ^2/NDF : 127819.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

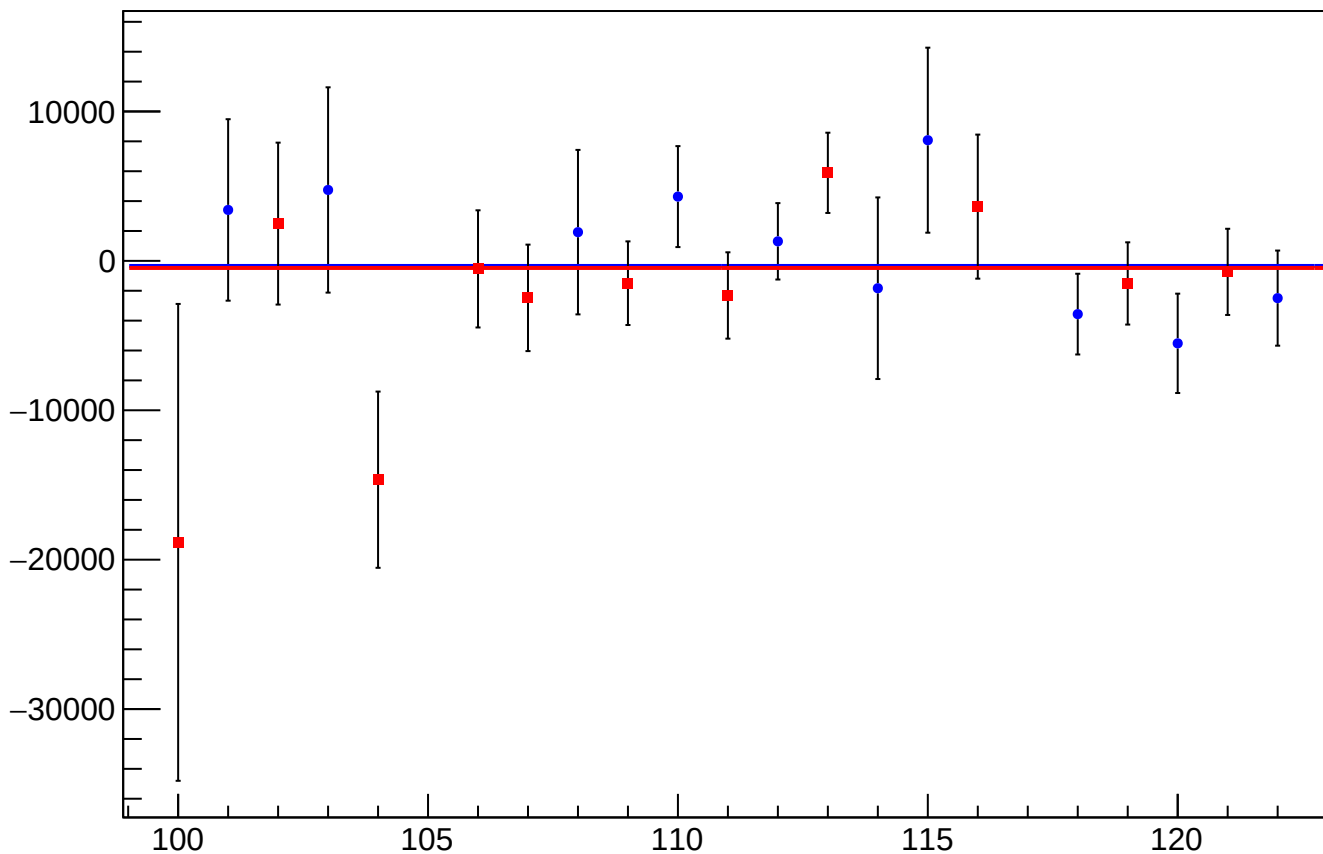
Right: 1730.493+/-0.422 χ^2/NDF : 236716.2/20

In: 1703.659+/-0.601 χ^2/NDF : 104977.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.493+/-0.422 χ^2/NDF : 236716.2/20

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: -474.135+/-1058.954 χ^2/NDF : 14.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

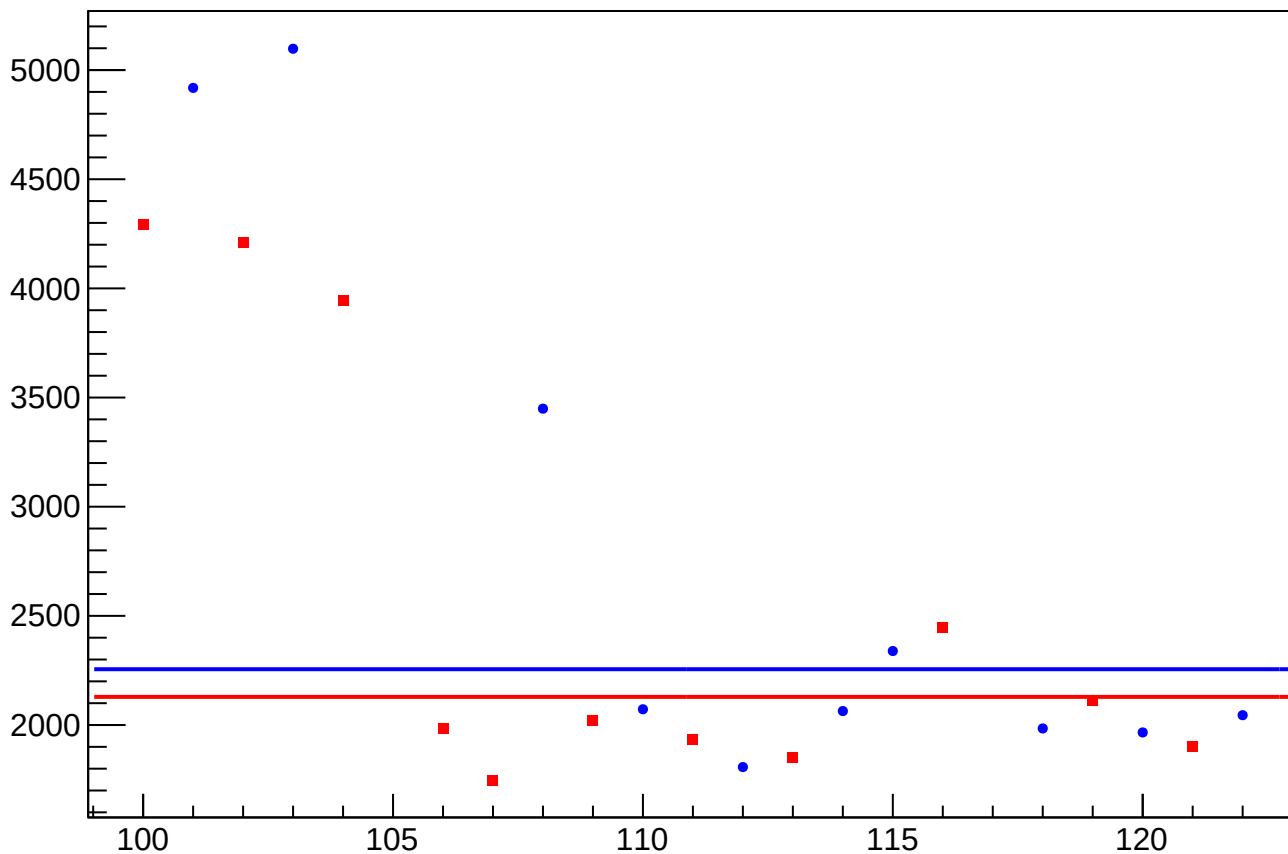
Right: -415.574+/-792.350 χ^2/NDF : 24.4/20

In: -341.083+/-1194.322 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -415.574+/-792.350 χ^2/NDF : 24.4/20

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: 2128.917+/-0.749 χ^2/NDF : 601304.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

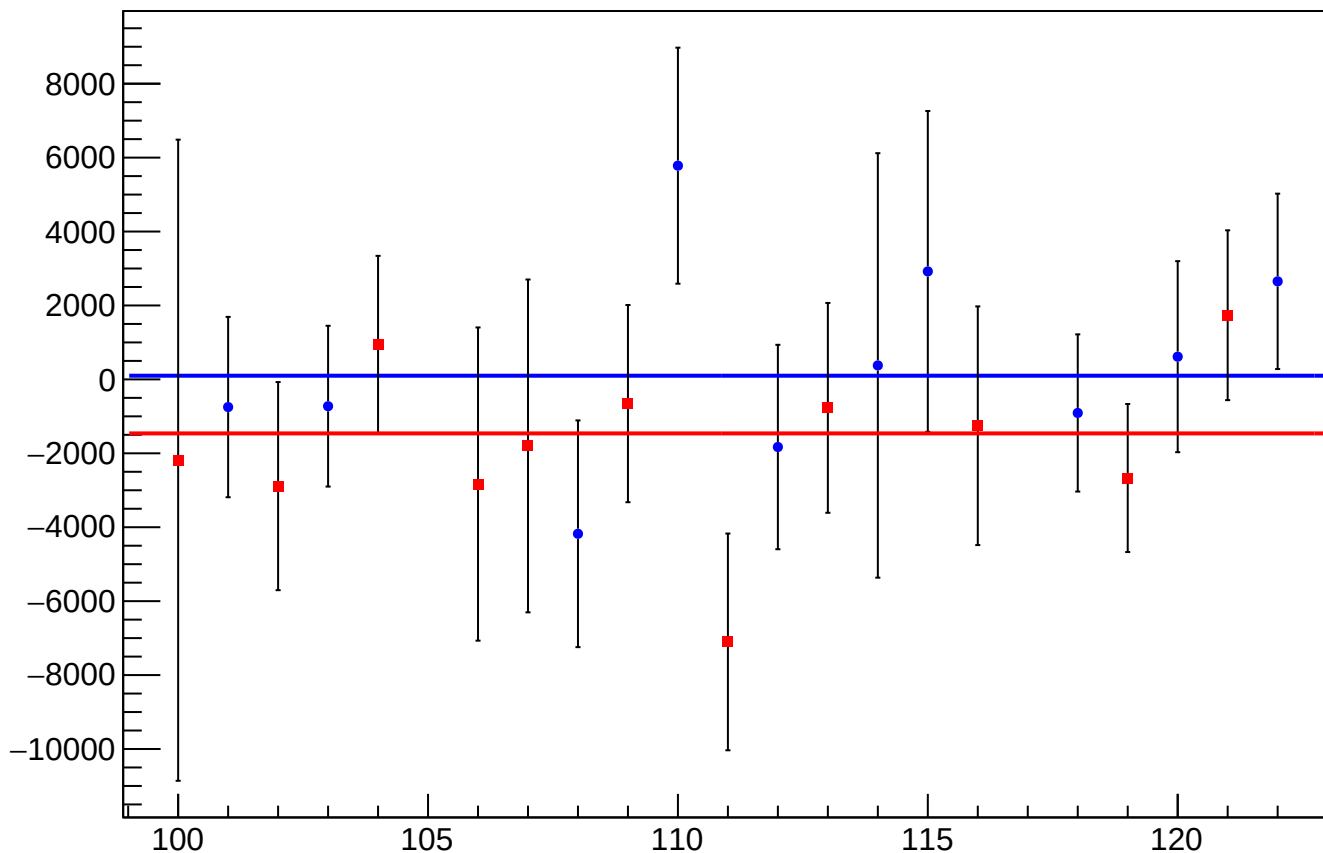
Right: 2184.685+/-0.560 χ^2/NDF : 1548349.5/20

In: 2255.621+/-0.845 χ^2/NDF :934442.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2184.685+/-0.560 χ^2/NDF : 1548349.5/20

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

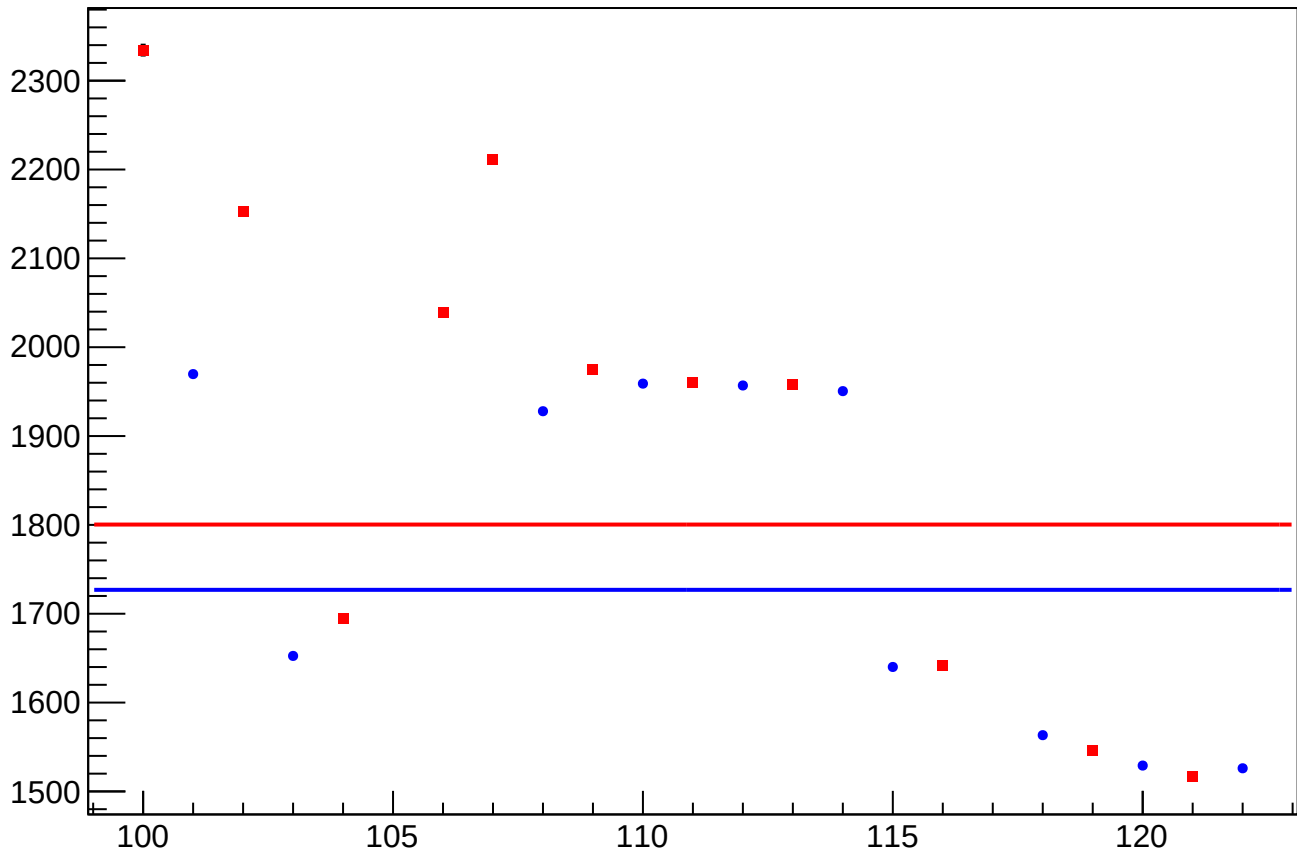
Right: -677.178+/-610.913 χ^2/NDF : 16.9/20

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

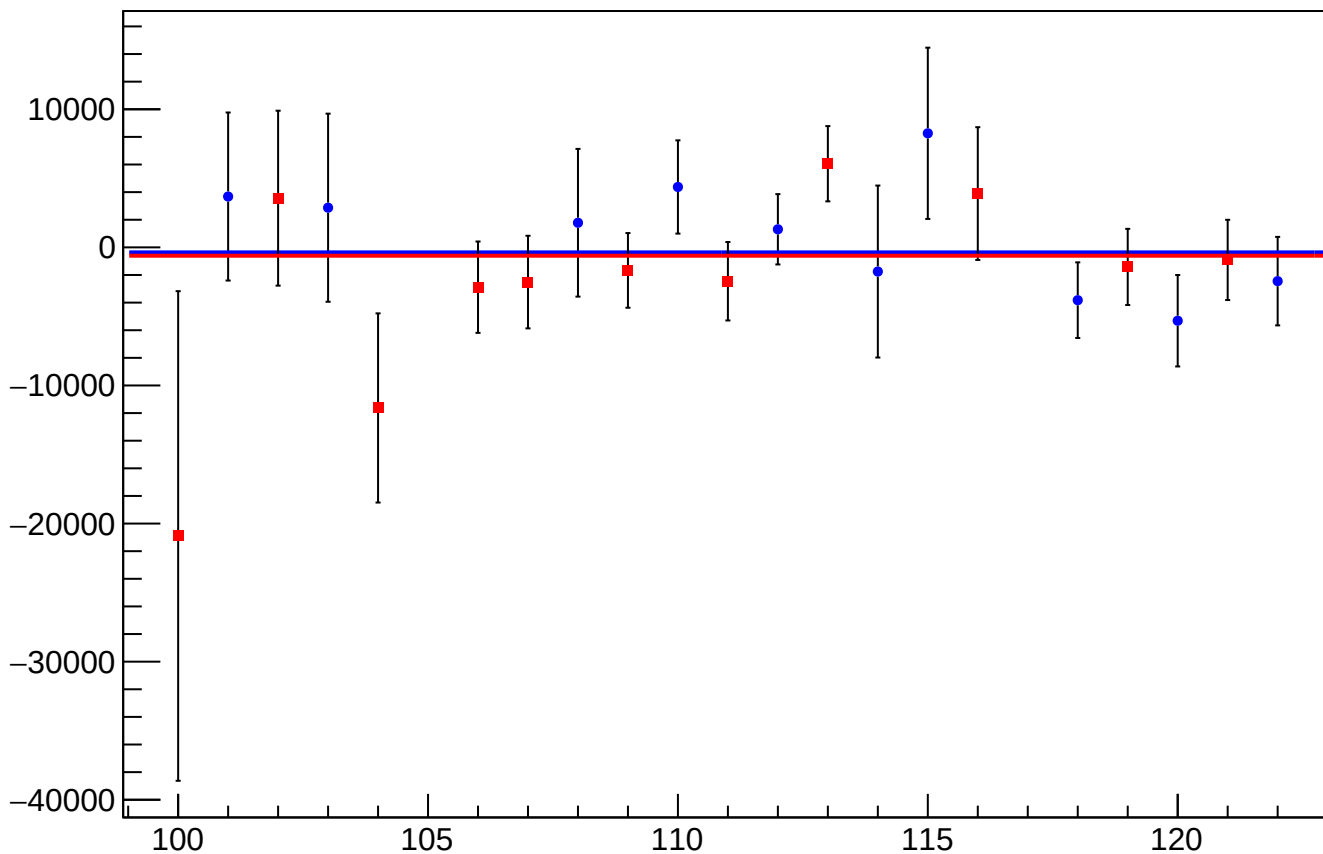
Right: 1763.607+/-0.431 χ^2/NDF : 259161.2/20

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: -603.635+/-1043.466 χ^2/NDF : 12.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

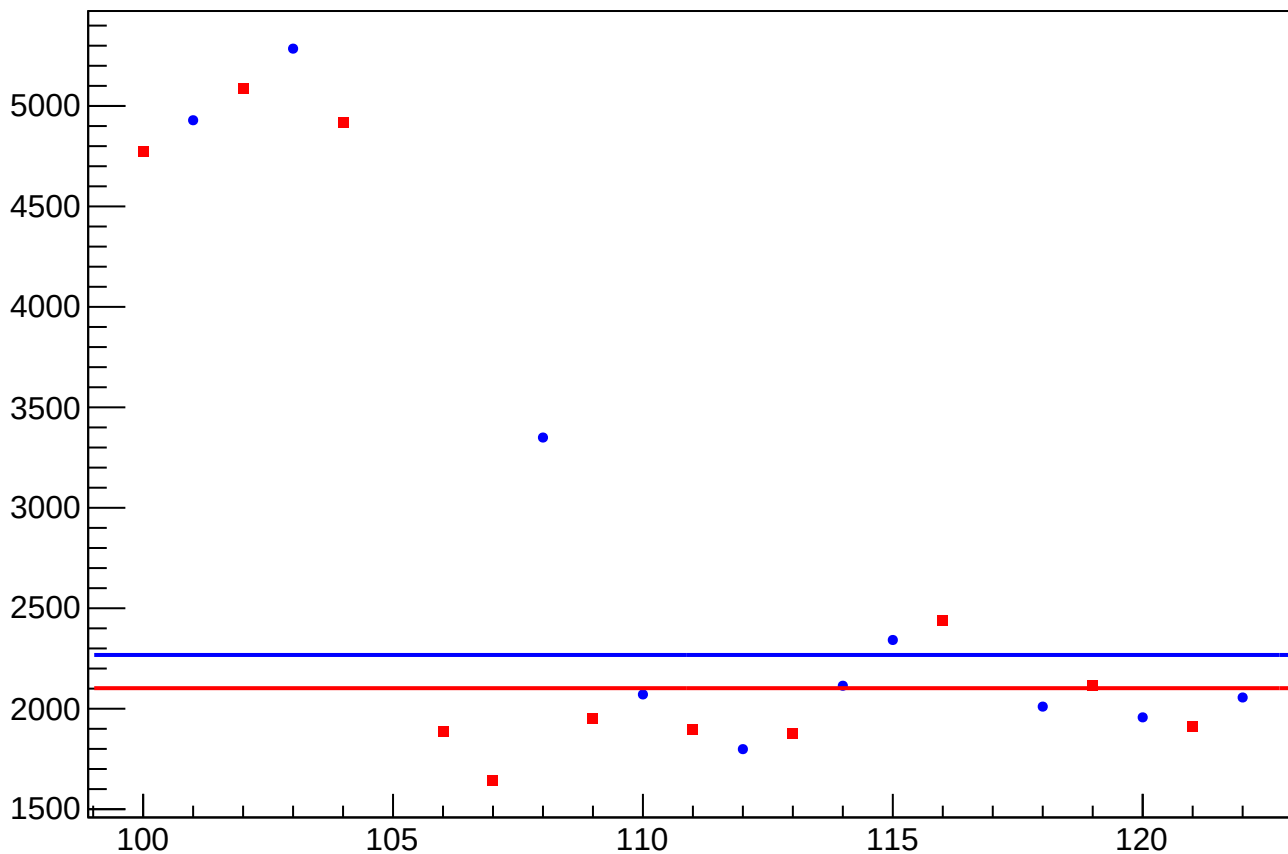
Right: -499.699+/-786.233 χ^2/NDF : 22.1/20

In: -363.188+/-1195.851 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.699+/-786.233 χ^2/NDF : 22.1/20

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: 2102.280+/-0.738 χ^2/NDF : 922016.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

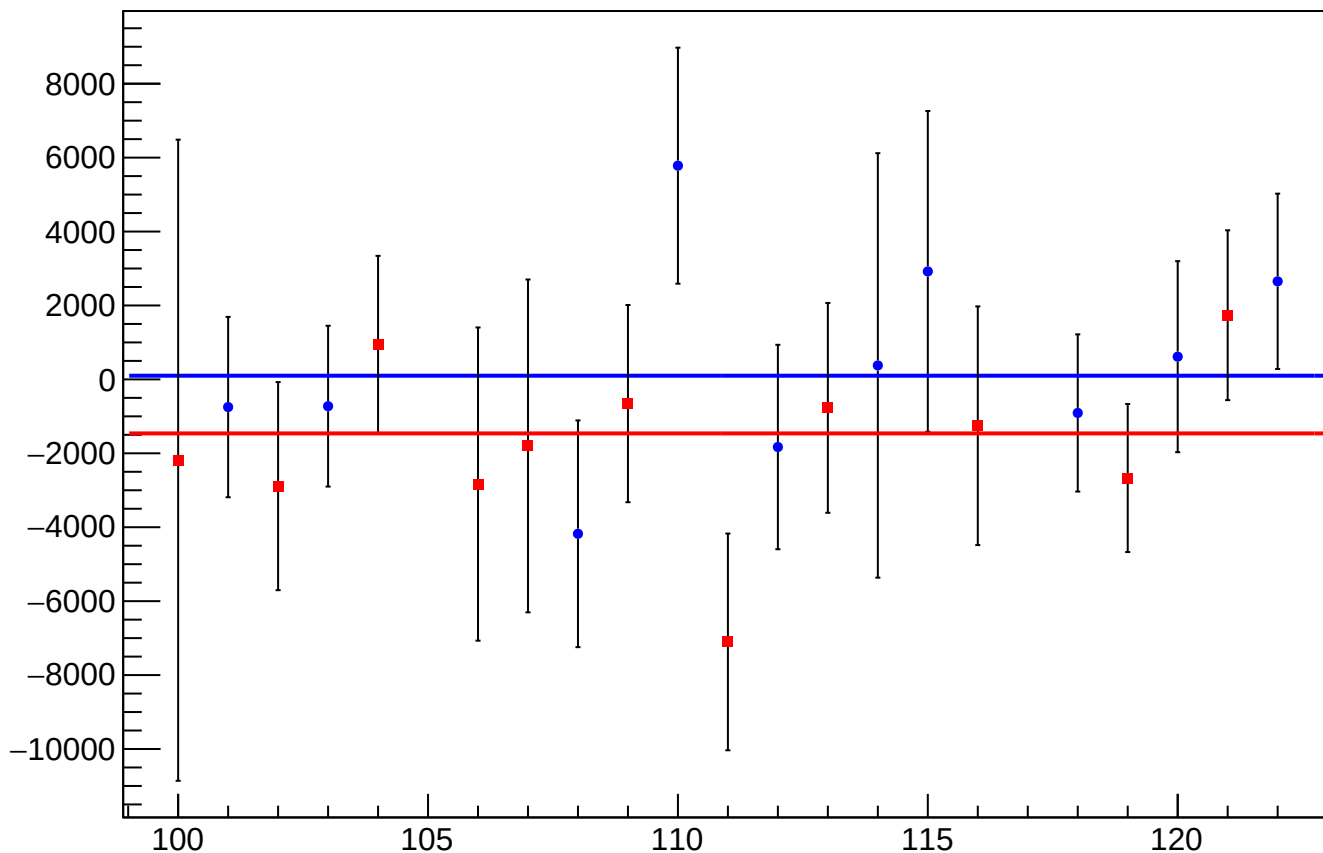
Right: 2173.734+/-0.556 χ^2/NDF : 1920859.6/20

In: 2267.582+/-0.846 χ^2/NDF : 977146.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2173.734+/-0.556 χ^2/NDF : 1920859.6/20

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

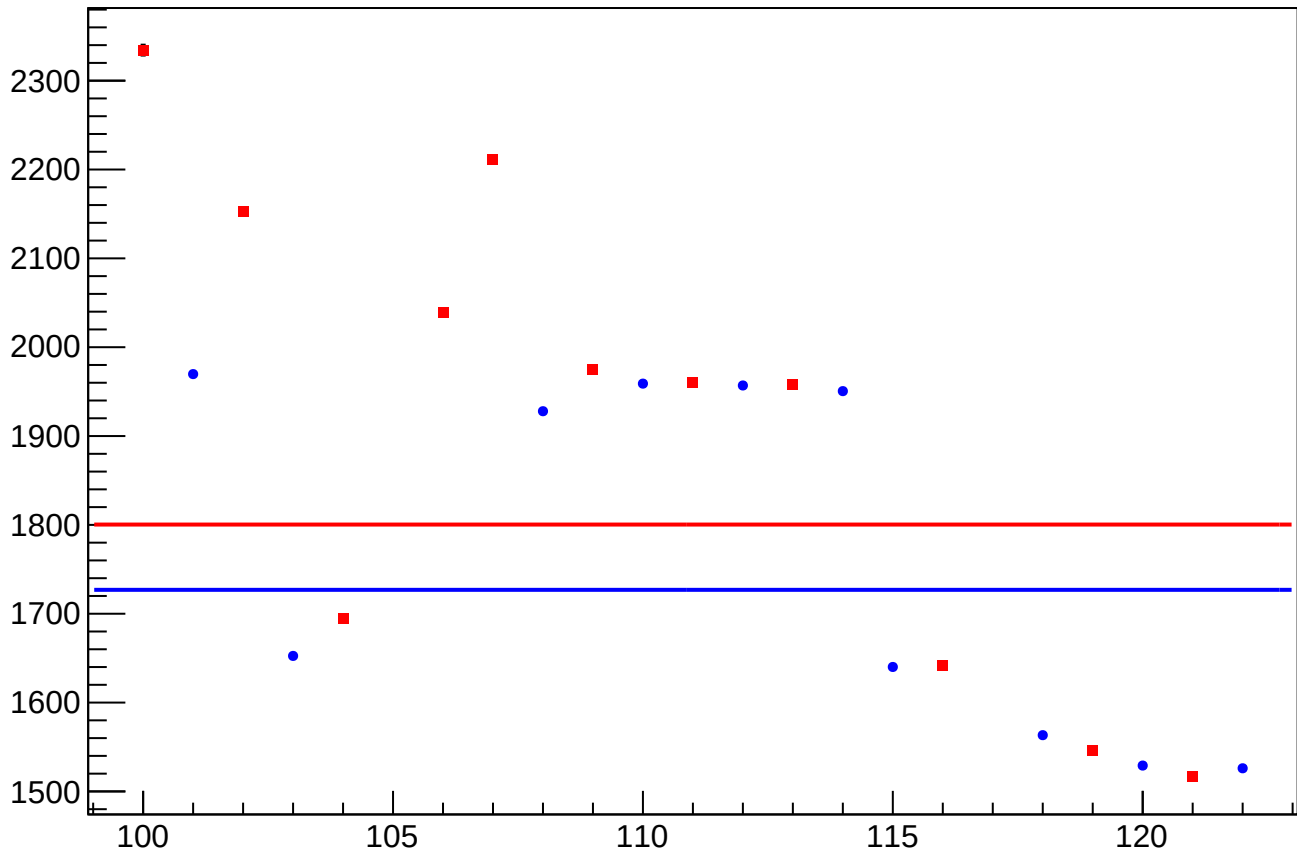
Right: -677.184+/-610.913 χ^2/NDF : 16.9/20

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

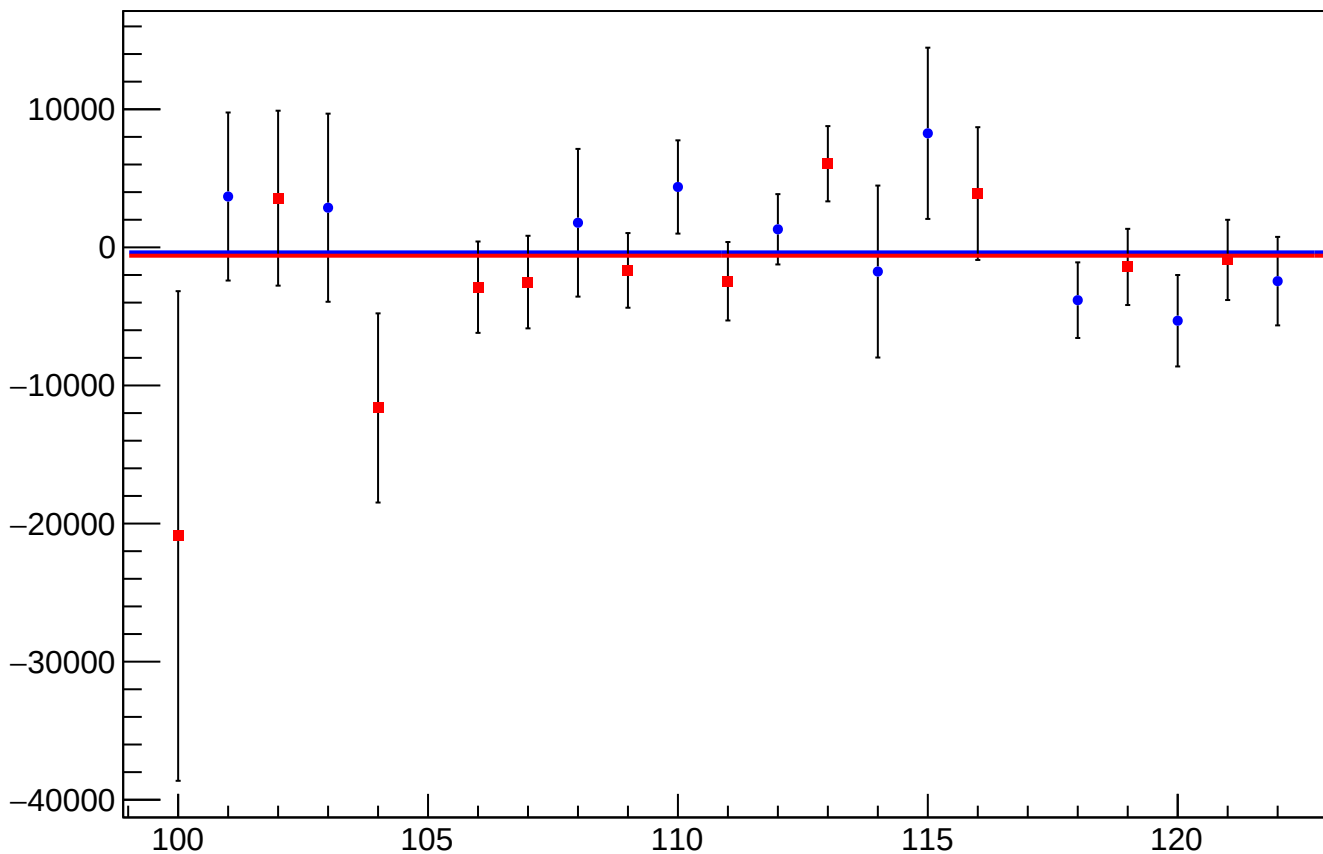
Right: 1763.607+/-0.431 χ^2/NDF : 259160.8/20

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: -603.634+/-1043.462 χ^2/NDF : 12.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

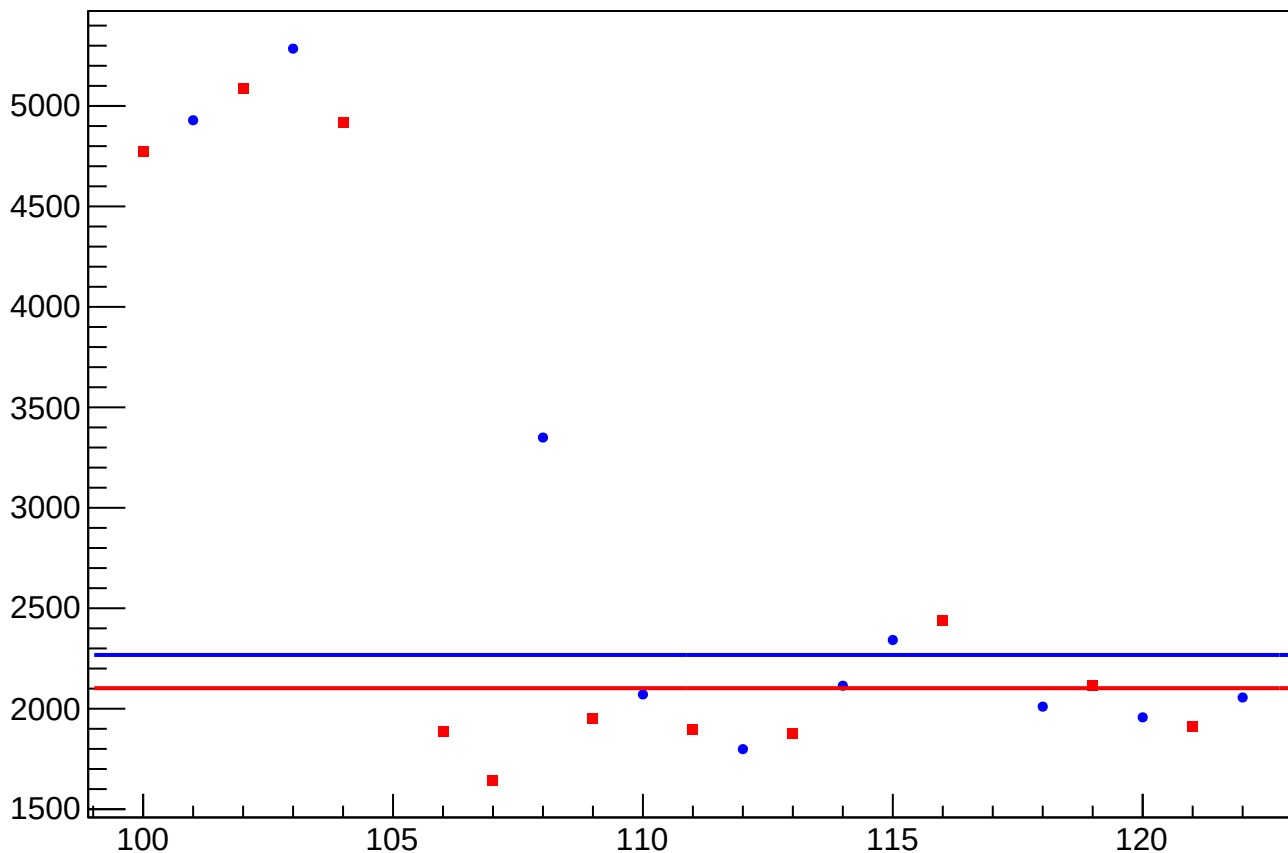
Right: -499.699+/-786.230 χ^2/NDF : 22.1/20

In: -363.192+/-1195.845 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.699+/-786.230 χ^2/NDF : 22.1/20

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: 2102.272+/-0.738 χ^2/NDF : 922021.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

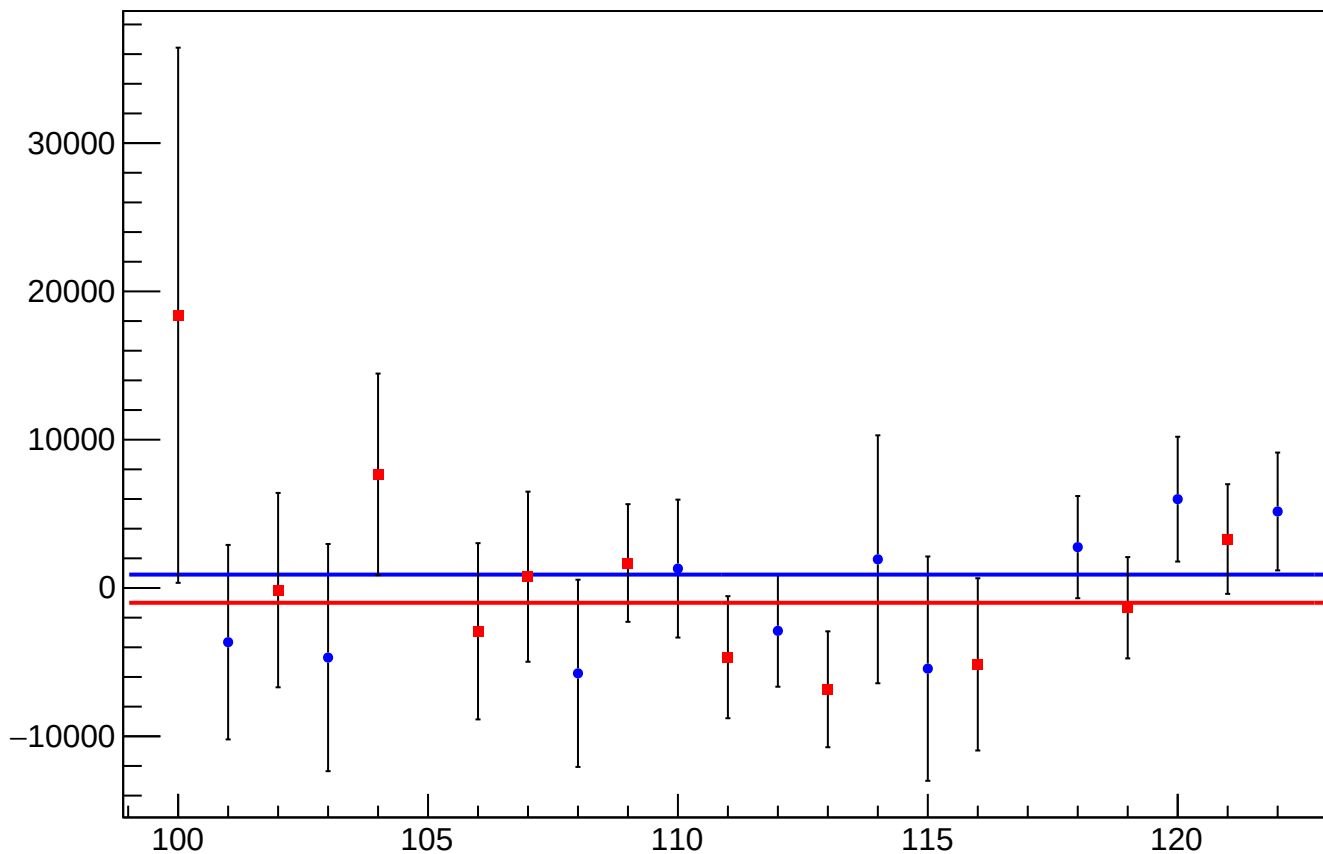
Right: 2173.724+/-0.556 χ^2/NDF : 1920869.2/20

In: 2267.570+/-0.846 χ^2/NDF : 977152.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2173.724+/-0.556 χ^2/NDF : 1920869.2/20

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: -996.652+/-1438.369 χ^2/NDF : 8.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

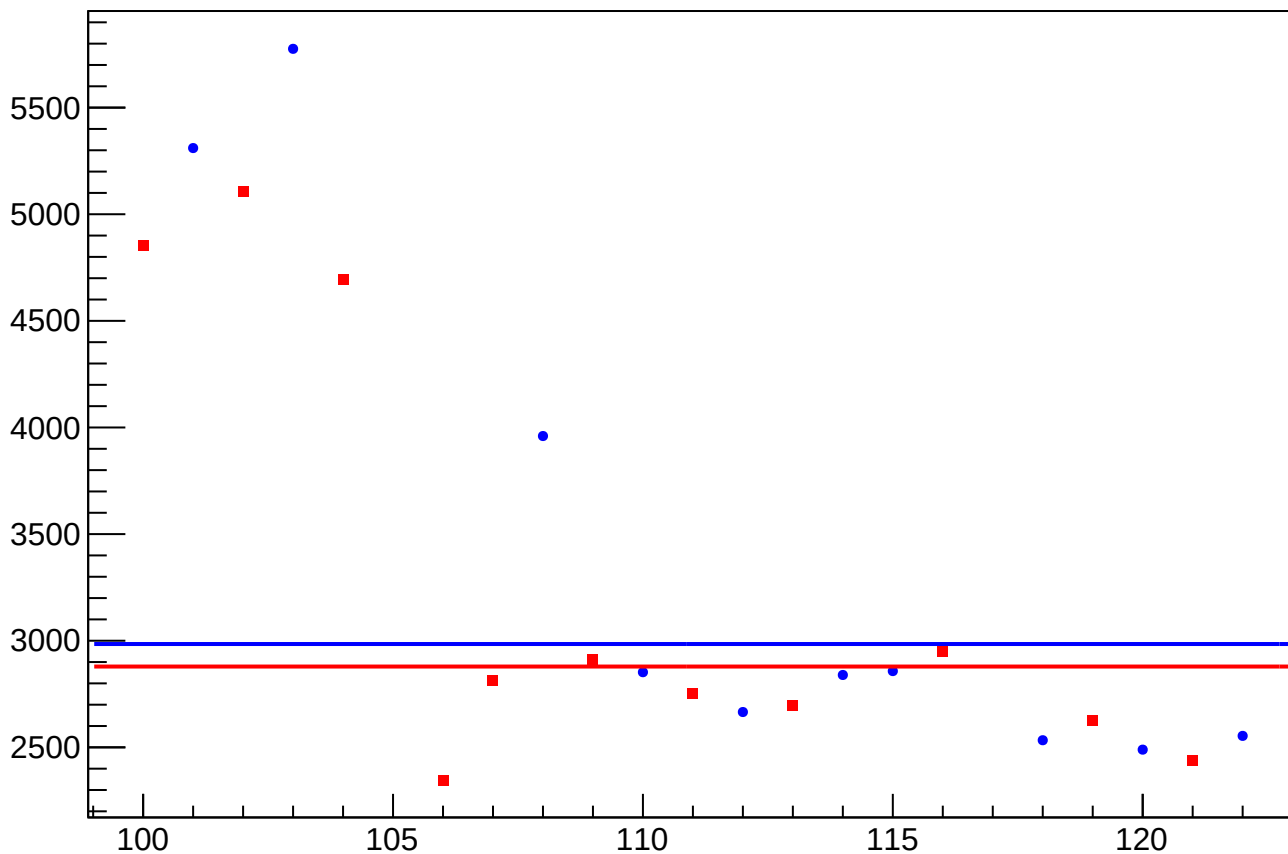
Right: -115.589+/-1053.344 χ^2/NDF : 15.9/20

In: 903.382+/-1546.847 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.589+/-1053.344 χ^2/NDF : 15.9/20

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: 2878.943+/-0.996 χ^2/NDF : 471859.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

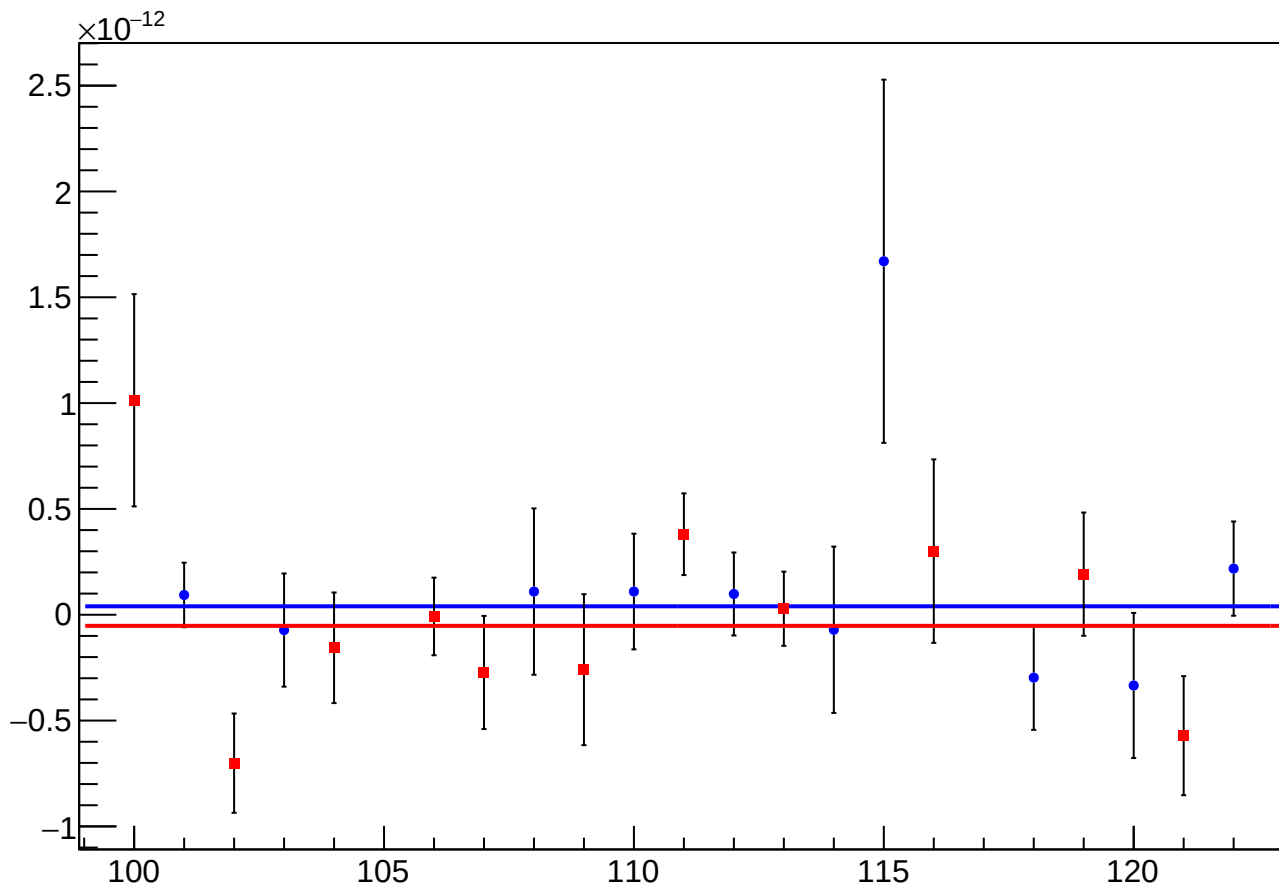
Right: 2926.809+/-0.736 χ^2/NDF : 1144434.0/20

In: 2984.538+/-1.094 χ^2/NDF : 667479.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2926.809+/-0.736 χ^2/NDF : 1144434.0/20

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 : 23.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

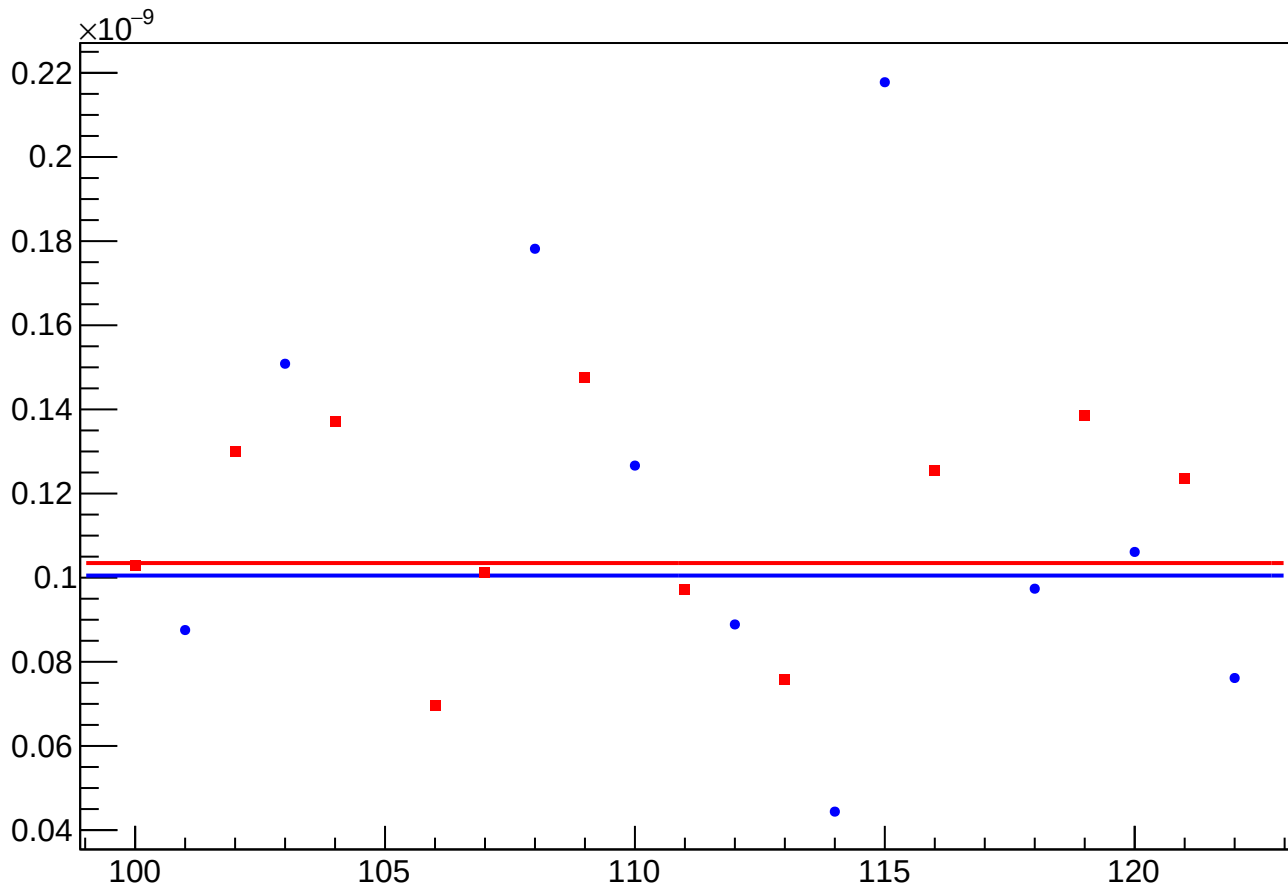
Right: -0.000+/-0.000 χ^2/NDF : 32.0/20

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 : 32.0/20

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 : 254348.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

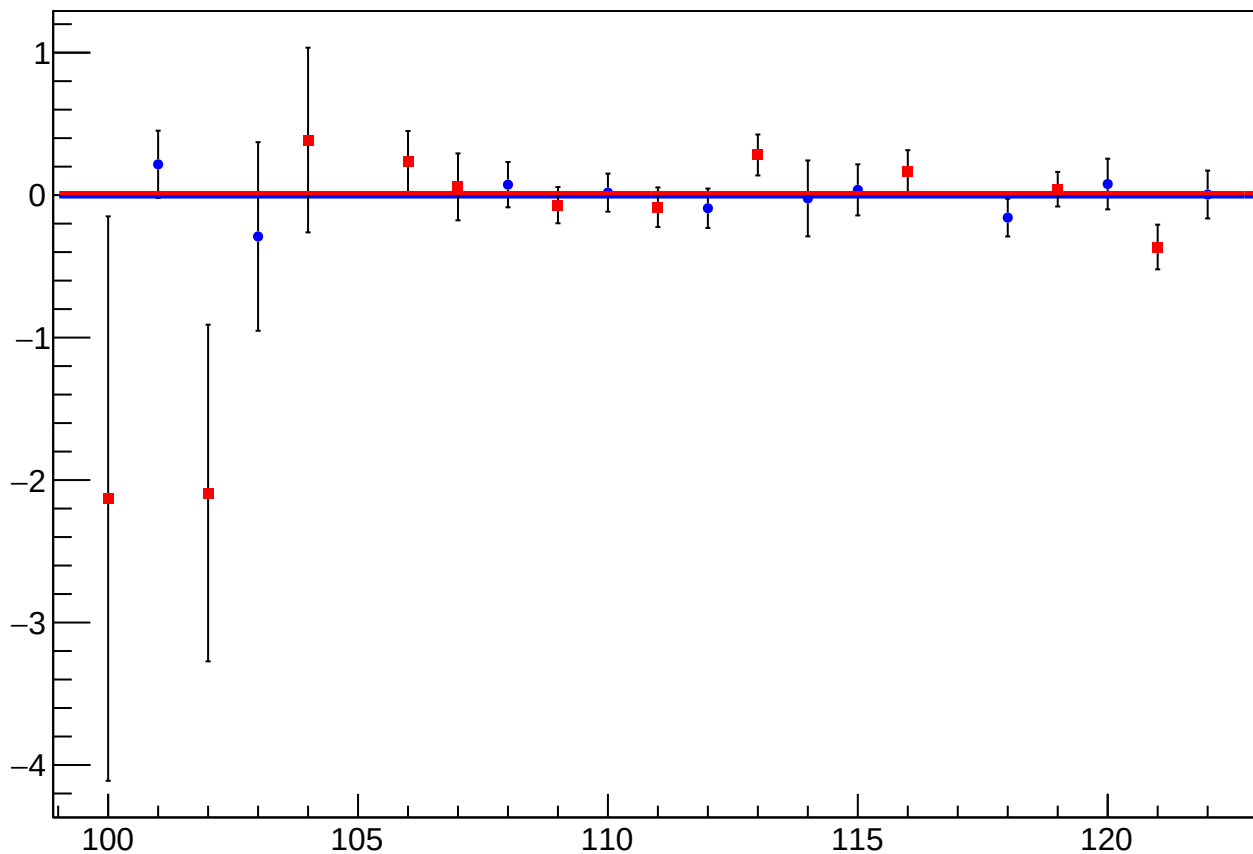
Right: 0.000+/-0.000 χ^2/NDF : 547555.1/20

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 : 547555.1/20

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 : 17.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

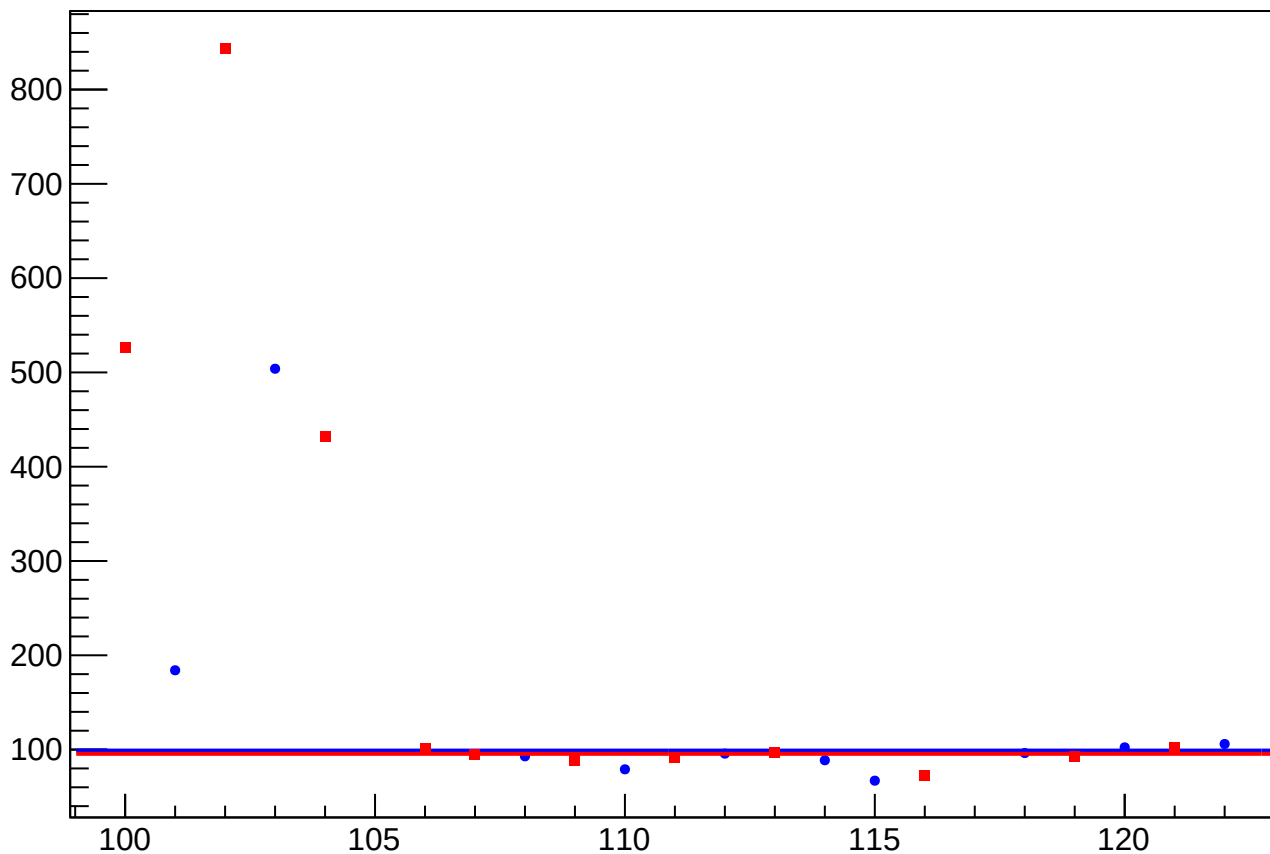
Right: 0.003 ± 0.038 χ^2/NDF : 20.5/20

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 : 20.5/20

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: 95.505+/-0.037 χ^2/NDF : 1497098.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

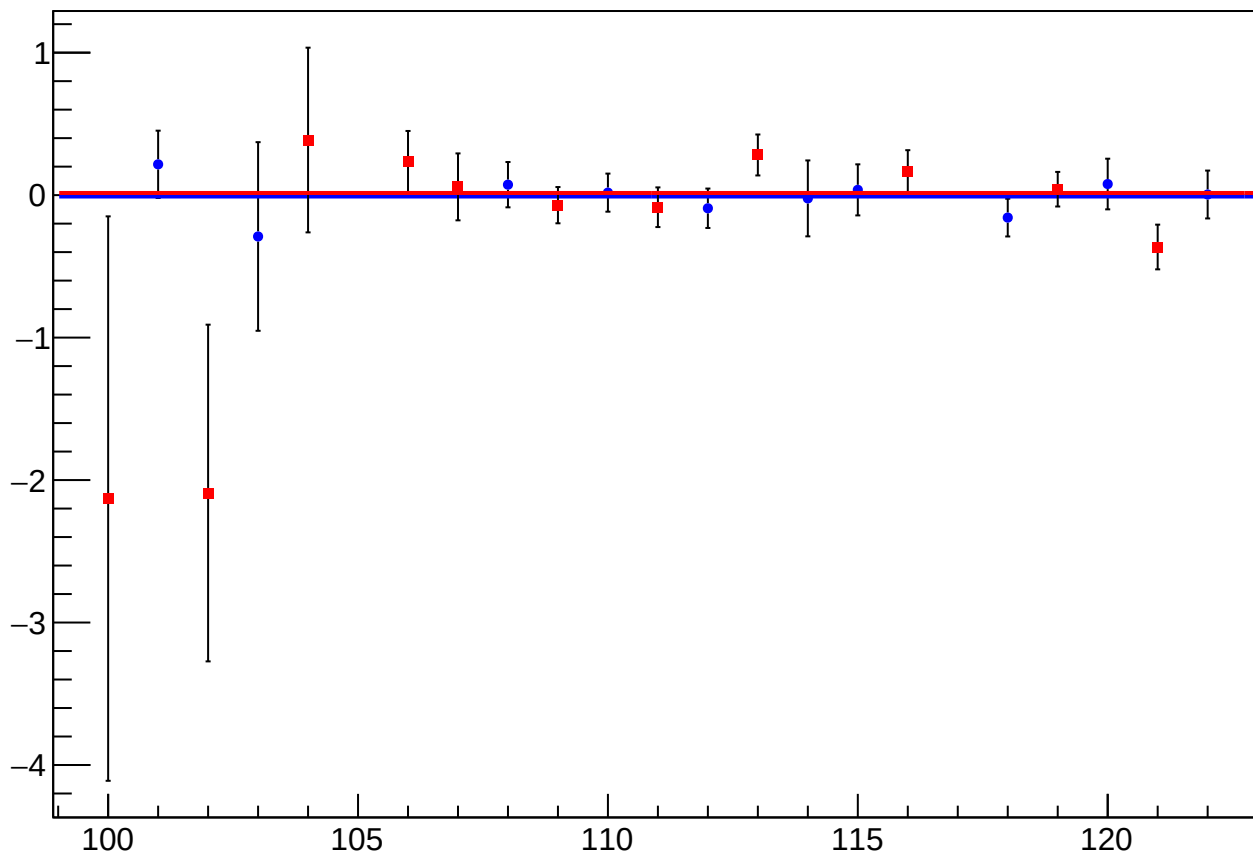
Right: 97.166+/-0.027 χ^2/NDF : 2629008.2/20

In: 98.931+/-0.039 χ^2/NDF : 1127833.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.166+/-0.027 χ^2/NDF : 2629008.2/20

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 : 17.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

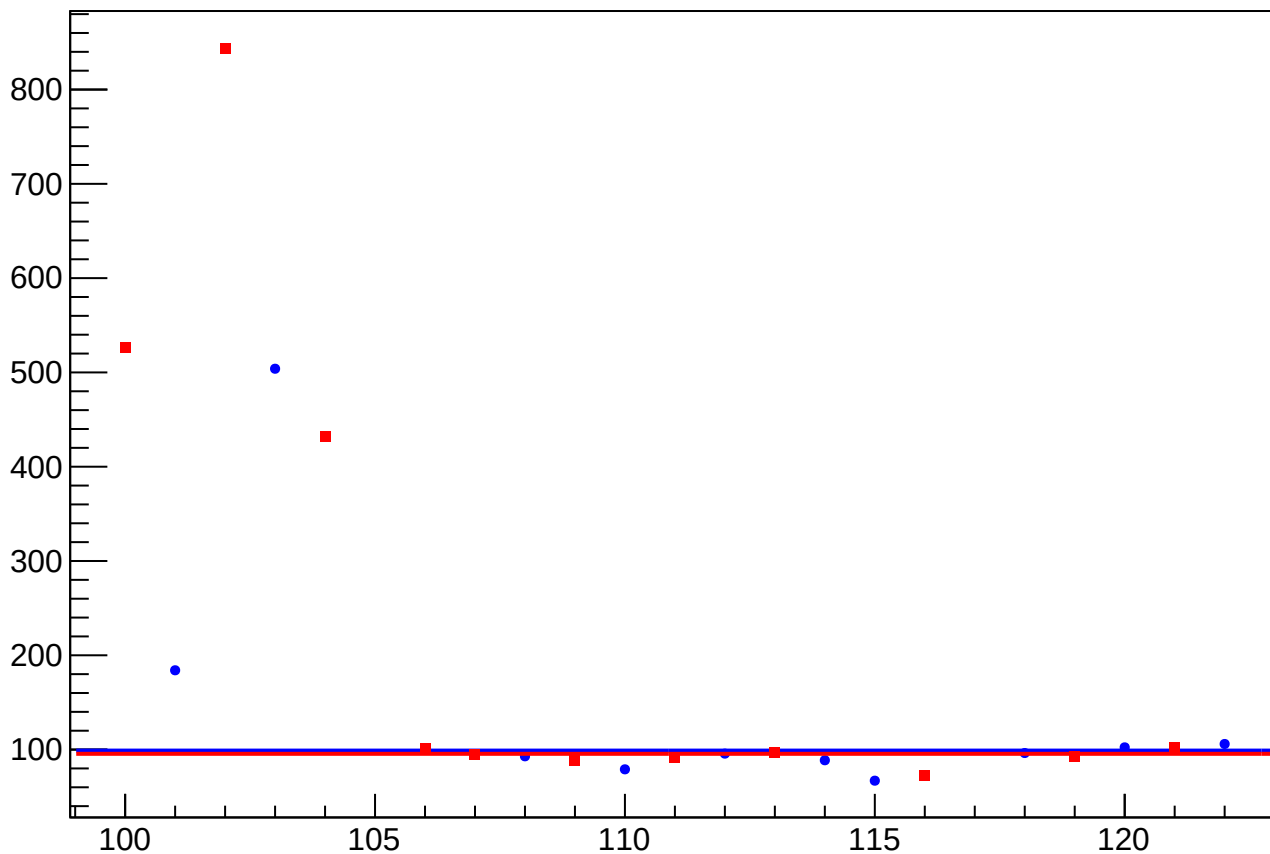
Right: 0.003 ± 0.038 χ^2/NDF : 20.5/20

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 : 20.5/20

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: 95.505+/-0.037 χ^2/NDF : 1497098.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

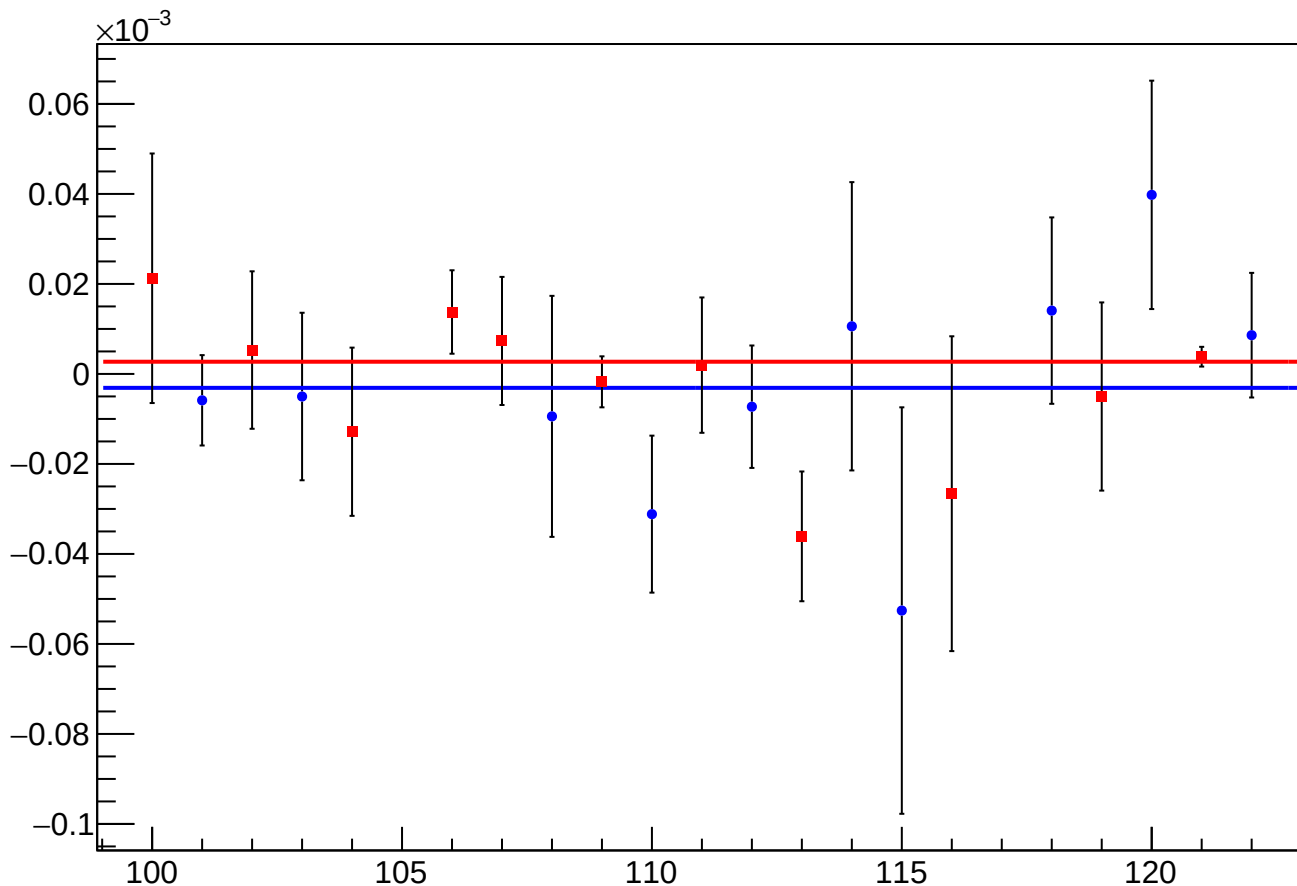
Right: 97.166+/-0.027 χ^2/NDF : 2629008.2/20

In: 98.931+/-0.039 χ^2/NDF : 1127833.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.166+/-0.027 χ^2/NDF : 2629008.2/20

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

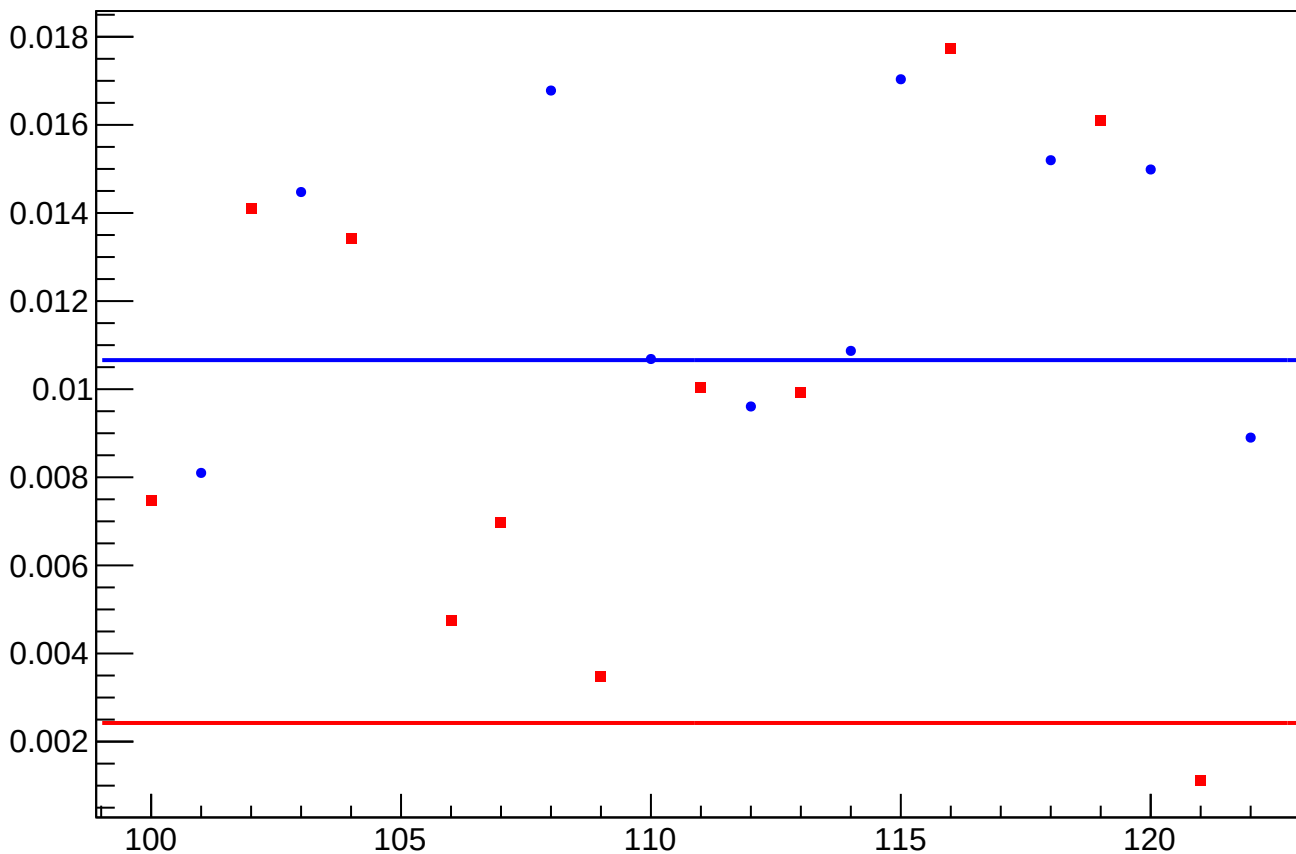
Right: 0.000+/-0.000 χ^2/NDF : 21.1/20

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

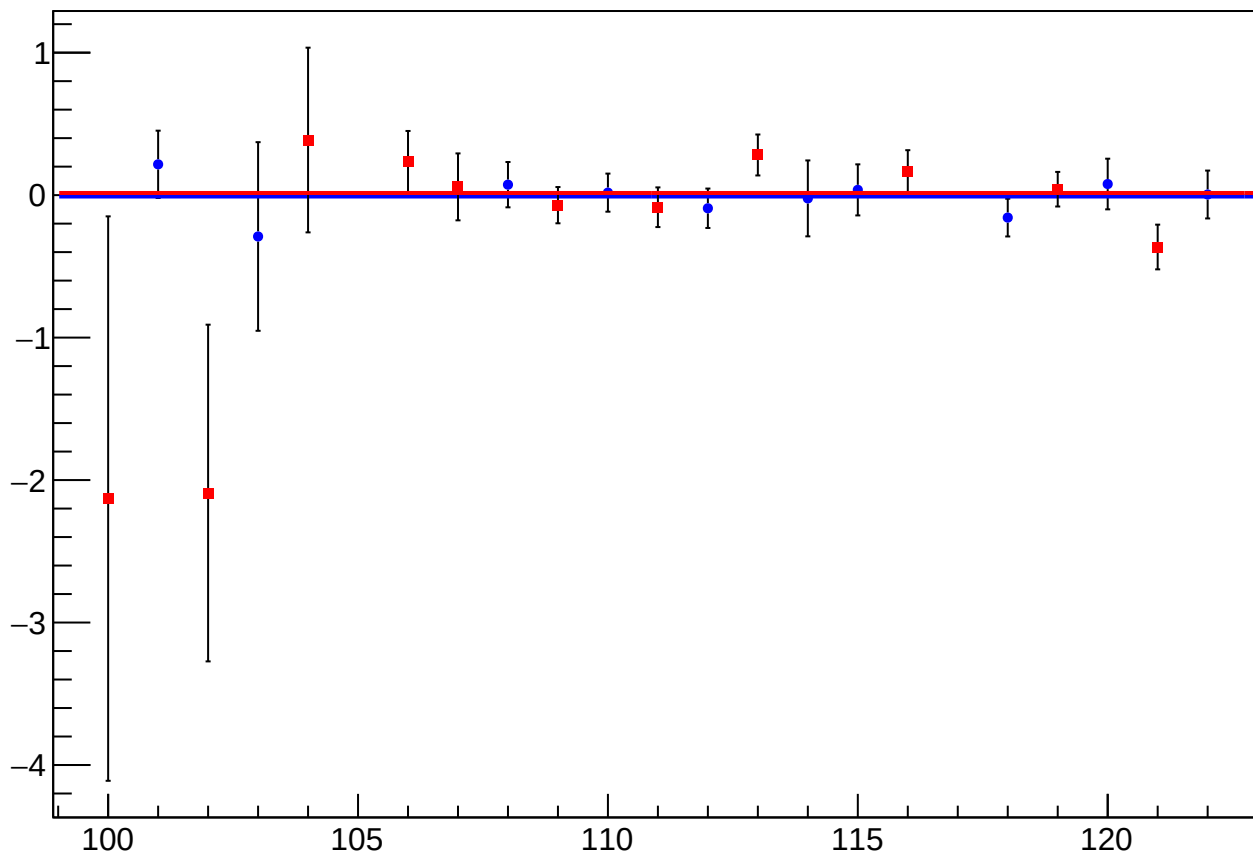
Right: 0.003+/-0.000 χ^2/NDF : 9662633.9/20

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 : 17.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

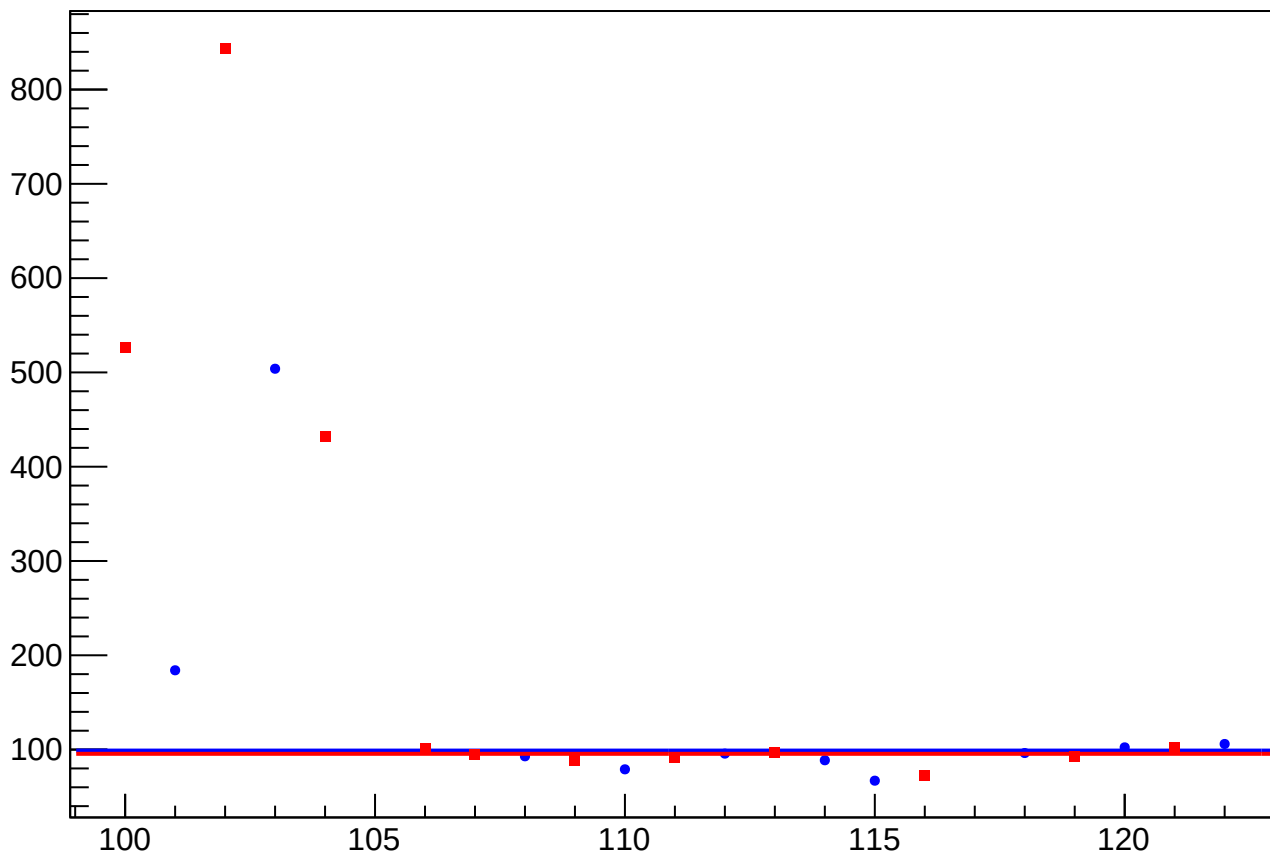
Right: 0.003 ± 0.038 χ^2/NDF : 20.5/20

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 : 20.5/20

asym_atl_dd_eigen_dit_vs_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: 95.507+/-0.037 χ^2/NDF : 1497047.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

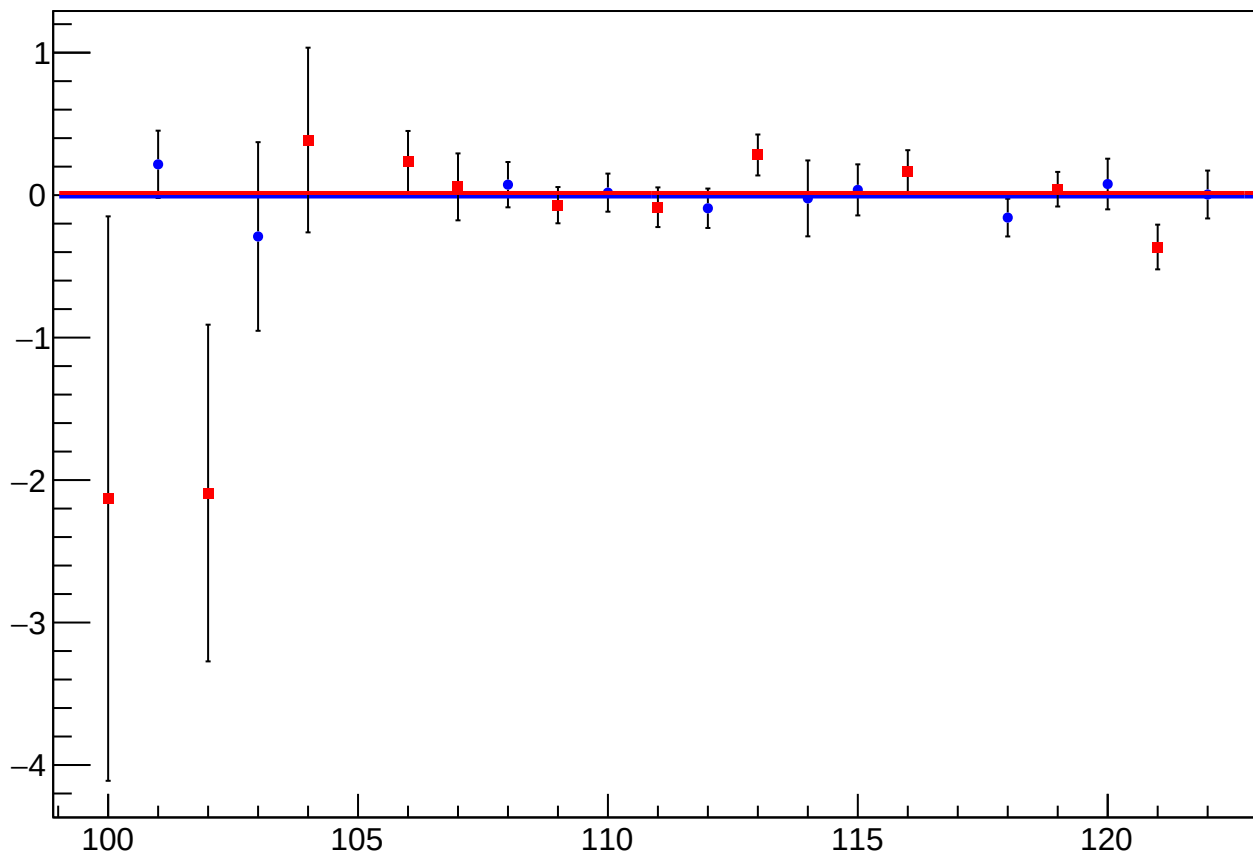
Right: 97.168+/-0.027 χ^2/NDF : 2628926.6/20

In: 98.932+/-0.039 χ^2/NDF : 1127803.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.168+/-0.027 χ^2/NDF : 2628926.6/20

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 : 17.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

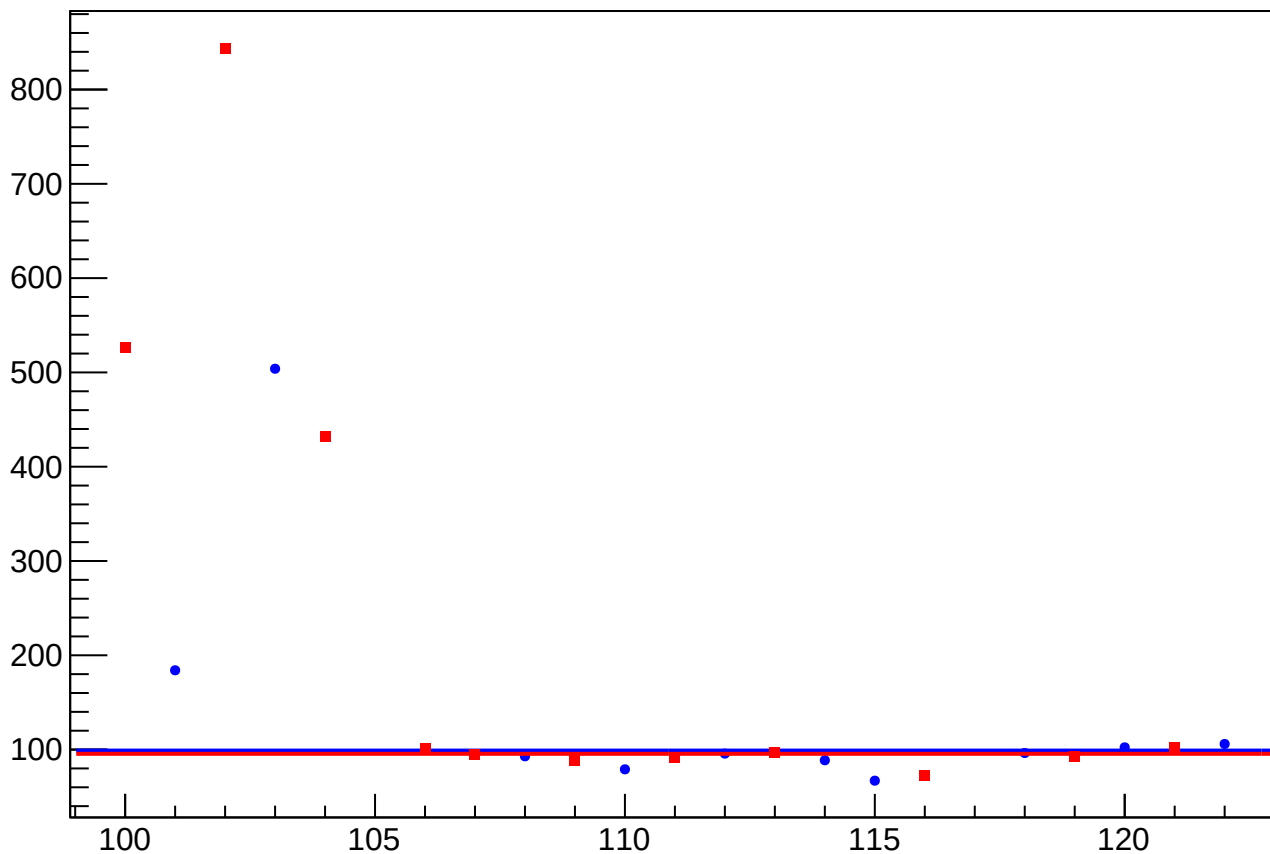
Right: 0.003 ± 0.038 χ^2/NDF : 20.5/20

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 : 20.5/20

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: 95.507+/-0.037 χ^2/NDF : 1497047.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

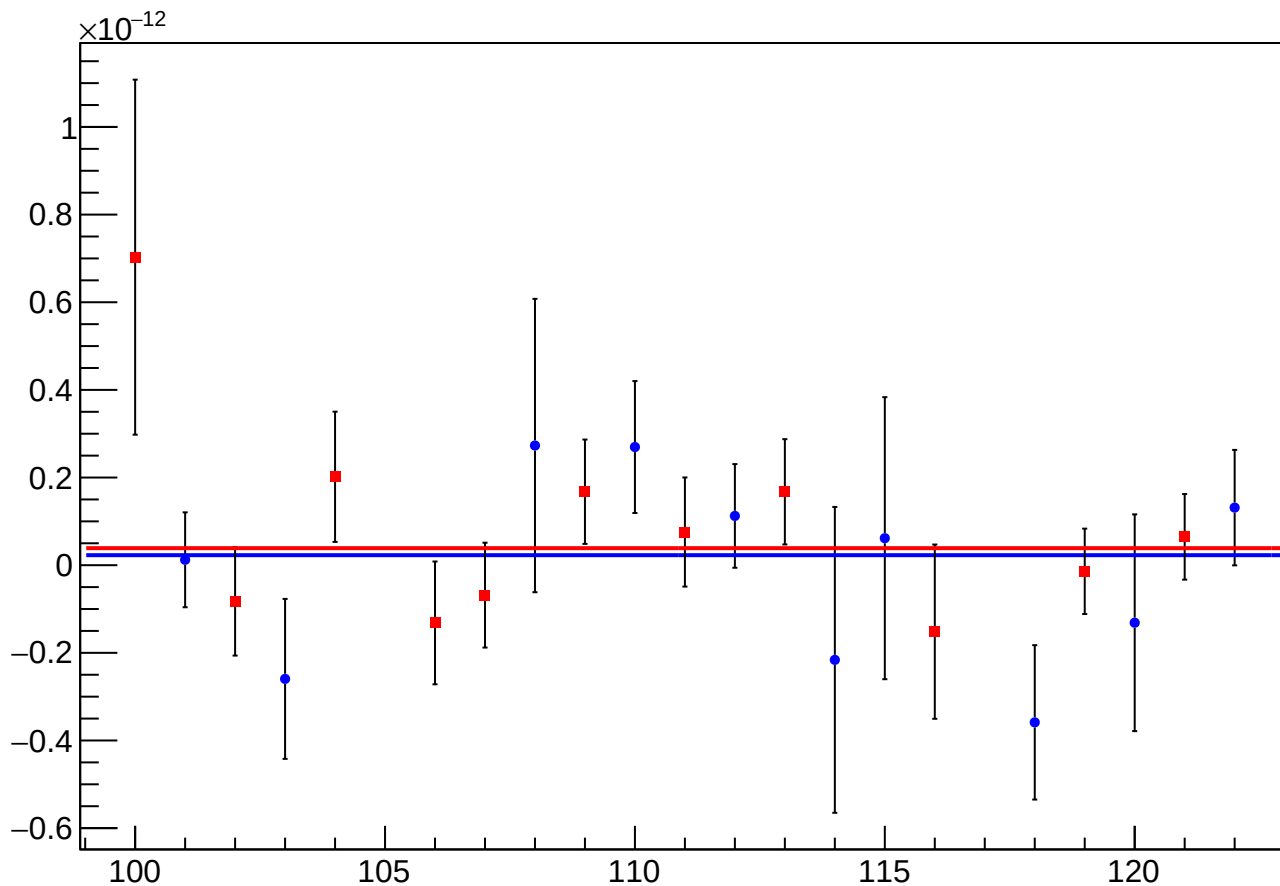
Right: 97.168+/-0.027 χ^2/NDF : 2628926.6/20

In: 98.932+/-0.039 χ^2/NDF : 1127803.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.168+/-0.027 χ^2/NDF : 2628926.6/20

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 : 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

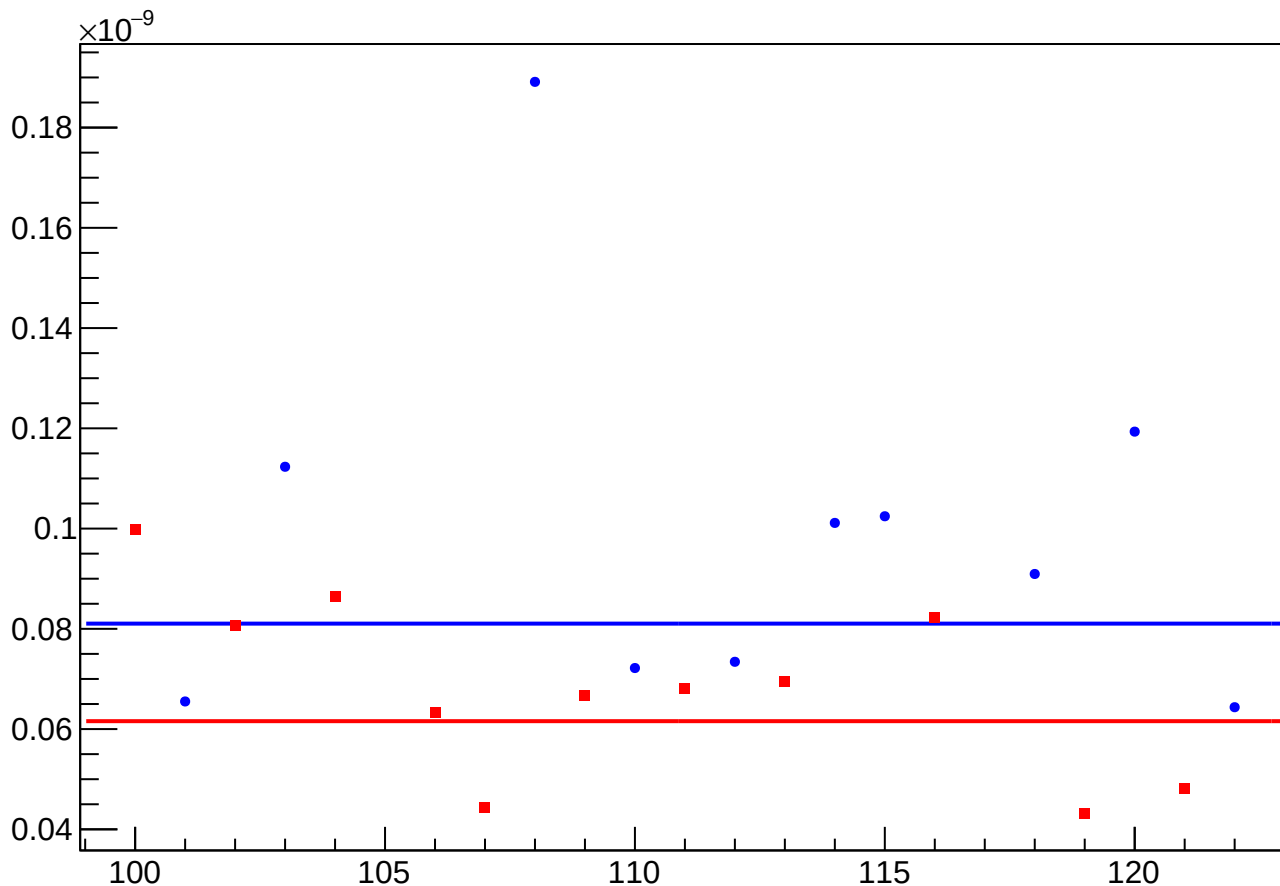
Right: 0.000+/-0.000 χ^2/NDF : 23.4/20

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 : 23.4/20

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 : 311865.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

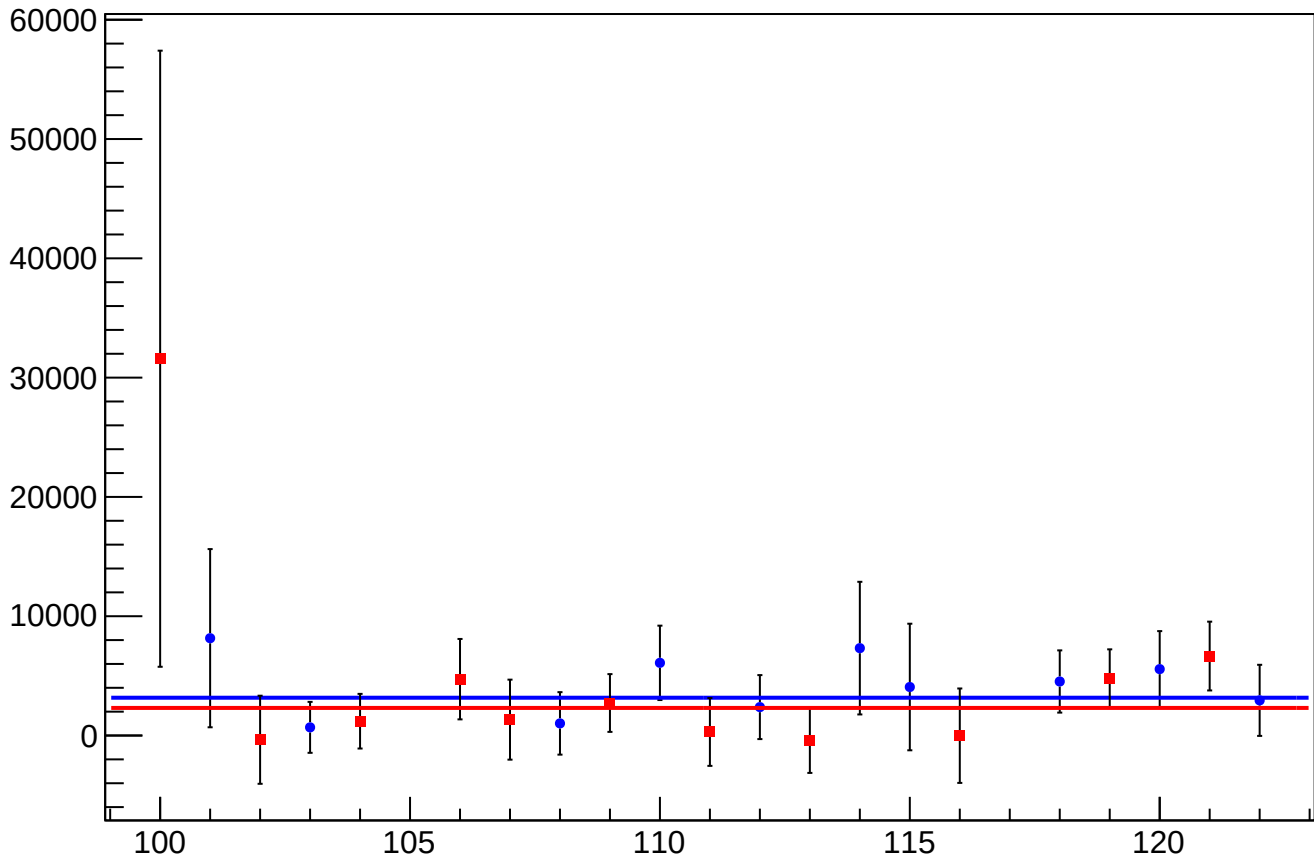
Right: 0.000+/-0.000 χ^2/NDF : 916798.2/20

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 : 916798.2/20

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: 2312.904+/-905.580 χ^2/NDF : 7.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

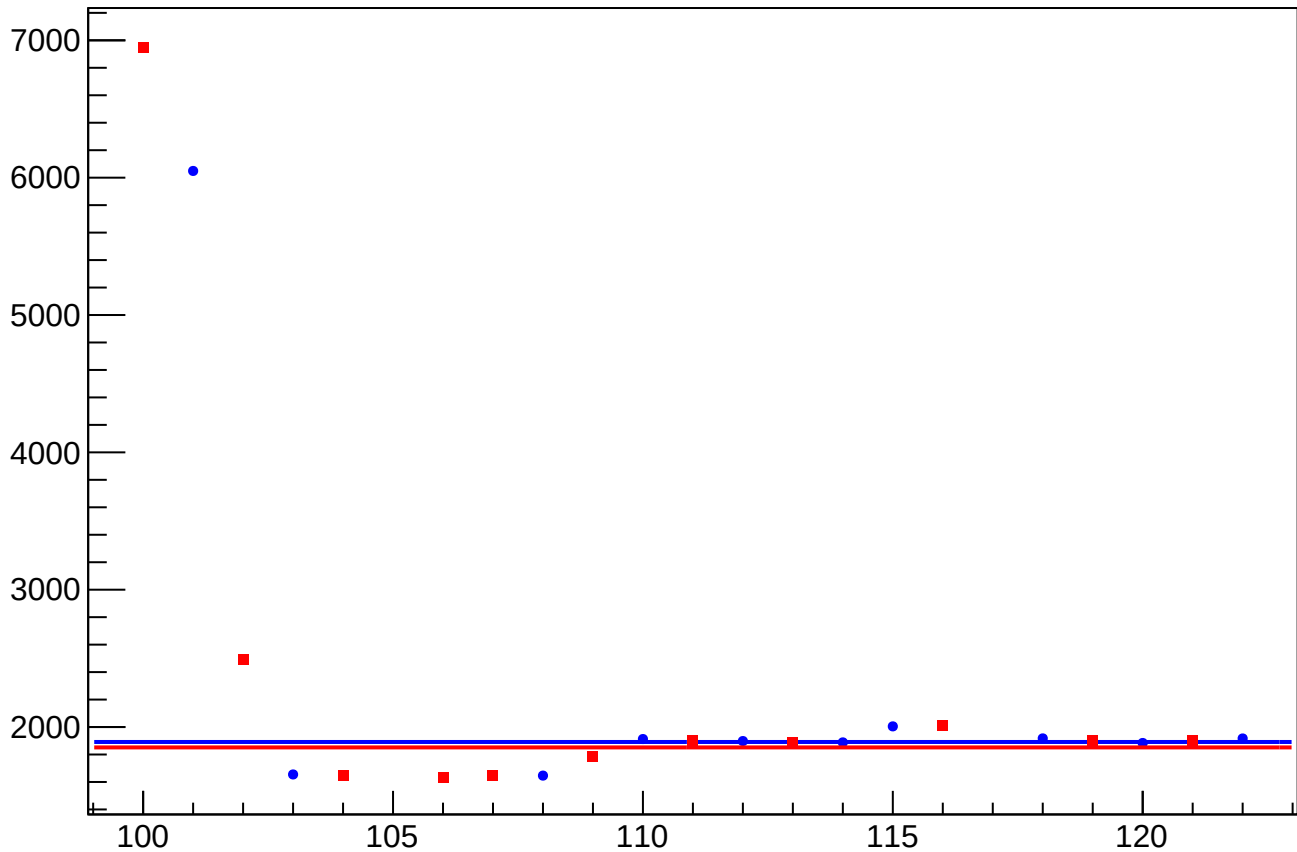
Right: 2709.101+/-663.638 χ^2/NDF : 13.1/20

In: 3168.700+/-975.350 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2709.101+/-663.638 χ^2/NDF : 13.1/20

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: 1851.606+/-0.637 χ^2/NDF : 177606.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

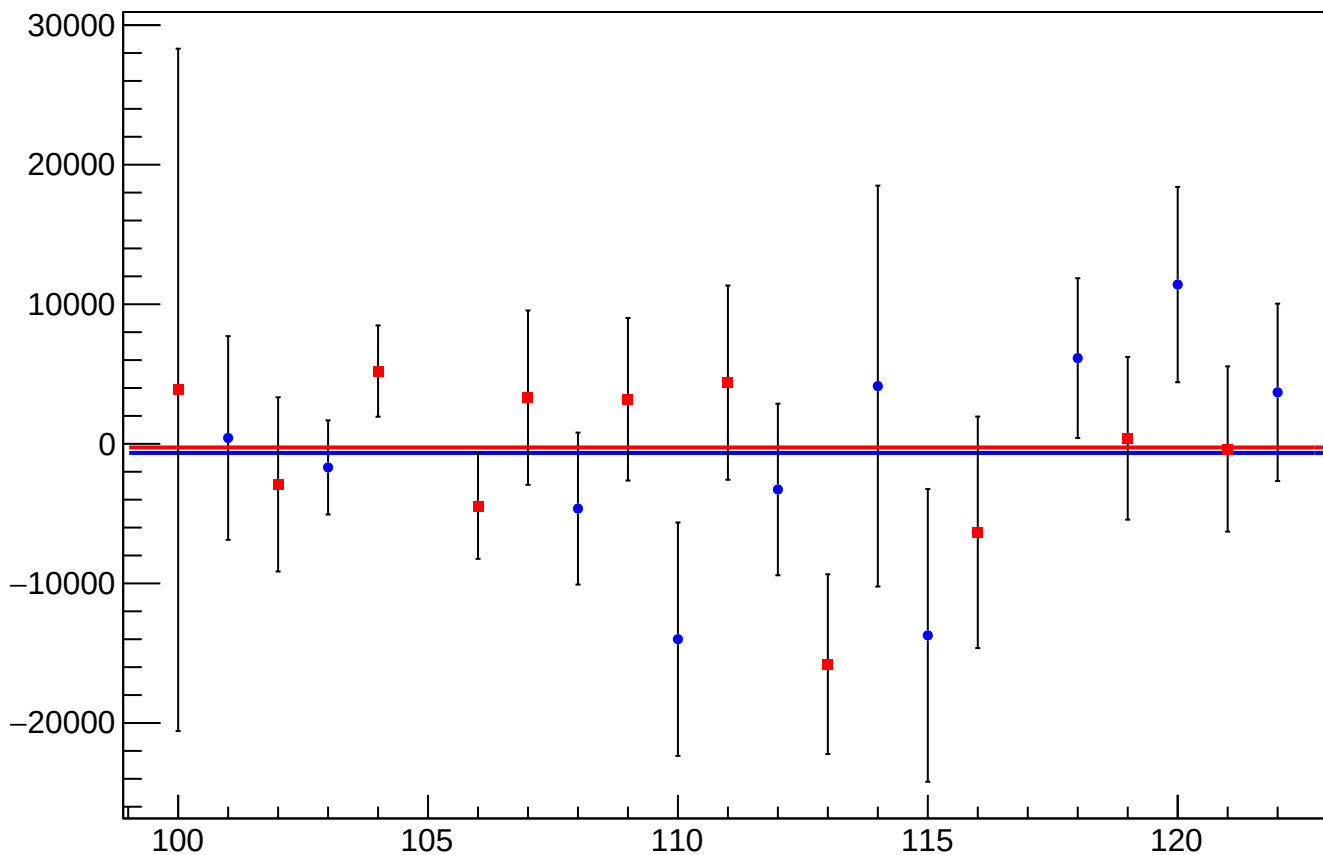
Right: 1869.843+/-0.468 χ^2/NDF : 842587.2/20

In: 1891.236+/-0.690 χ^2/NDF : 663198.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.843+/-0.468 χ^2/NDF : 842587.2/20

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: -259.762+/-1659.286 χ^2/NDF : 11.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

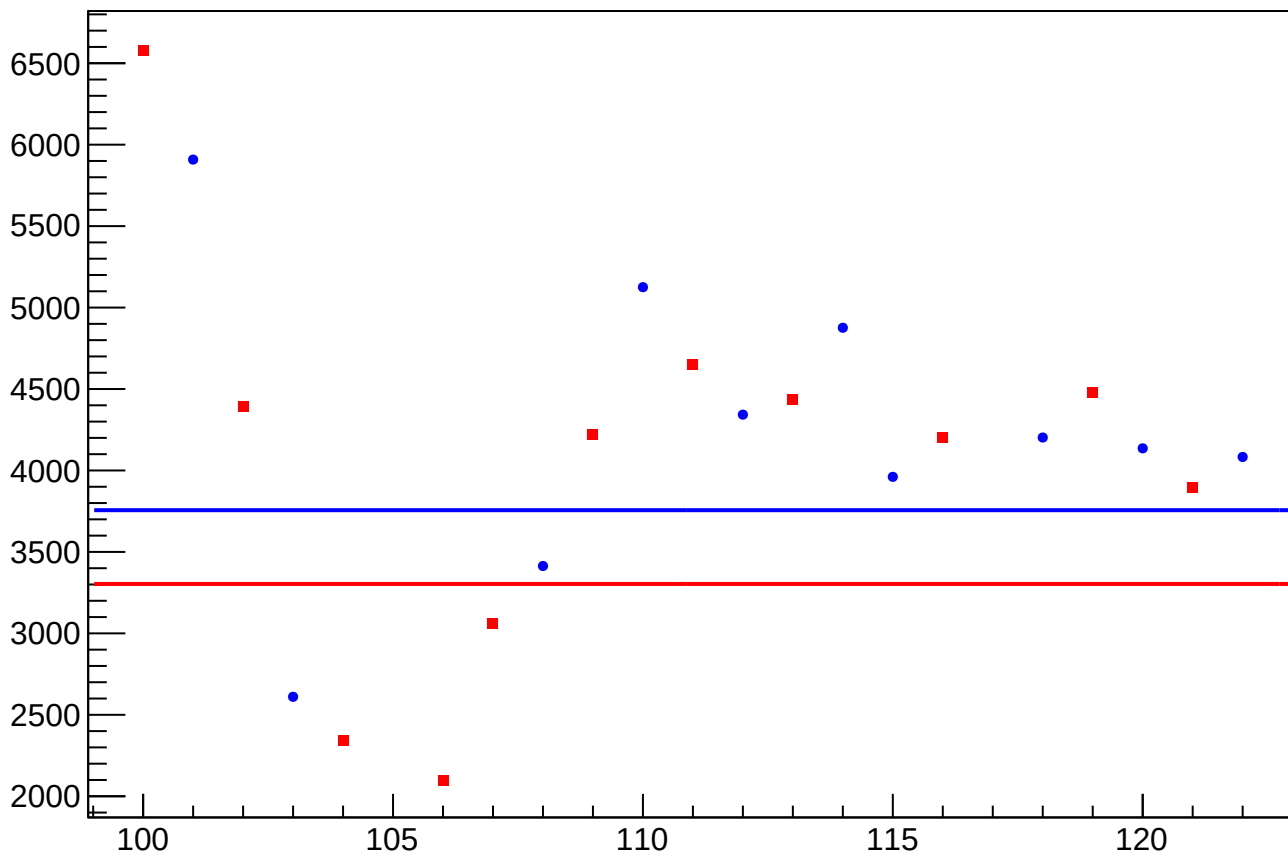
Right: -428.070+/-1255.879 χ^2/NDF : 21.6/20

In: -653.803+/-1921.611 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -428.070+/-1255.879 χ^2/NDF : 21.6/20

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: 3303.332+/-1.173 χ^2/NDF : 788172.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

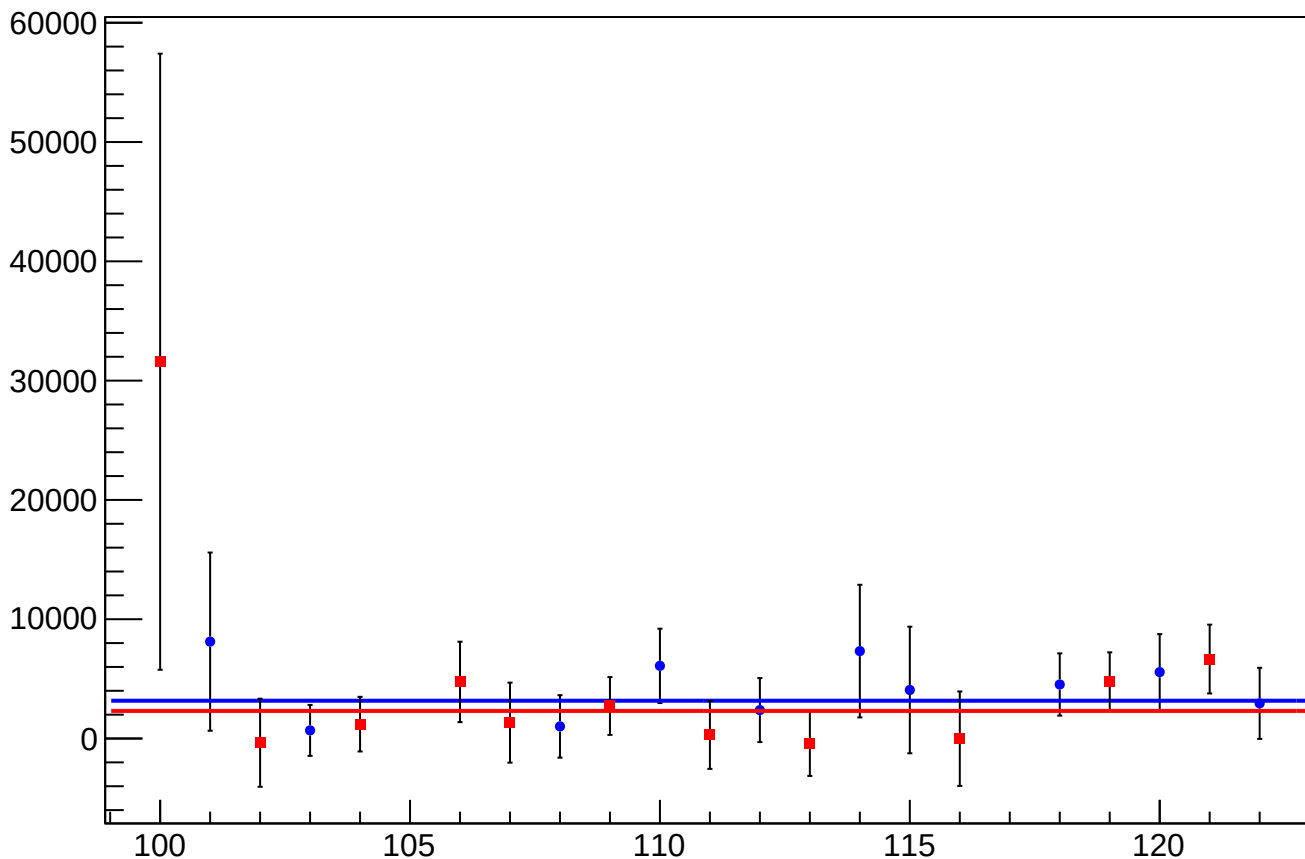
Right: 3496.779+/-0.888 χ^2/NDF : 1372576.0/20

In: 3756.229+/-1.359 χ^2/NDF : 520760.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3496.779+/-0.888 χ^2/NDF : 1372576.0/20

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: 2314.859+/-905.589 χ^2/NDF : 7.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

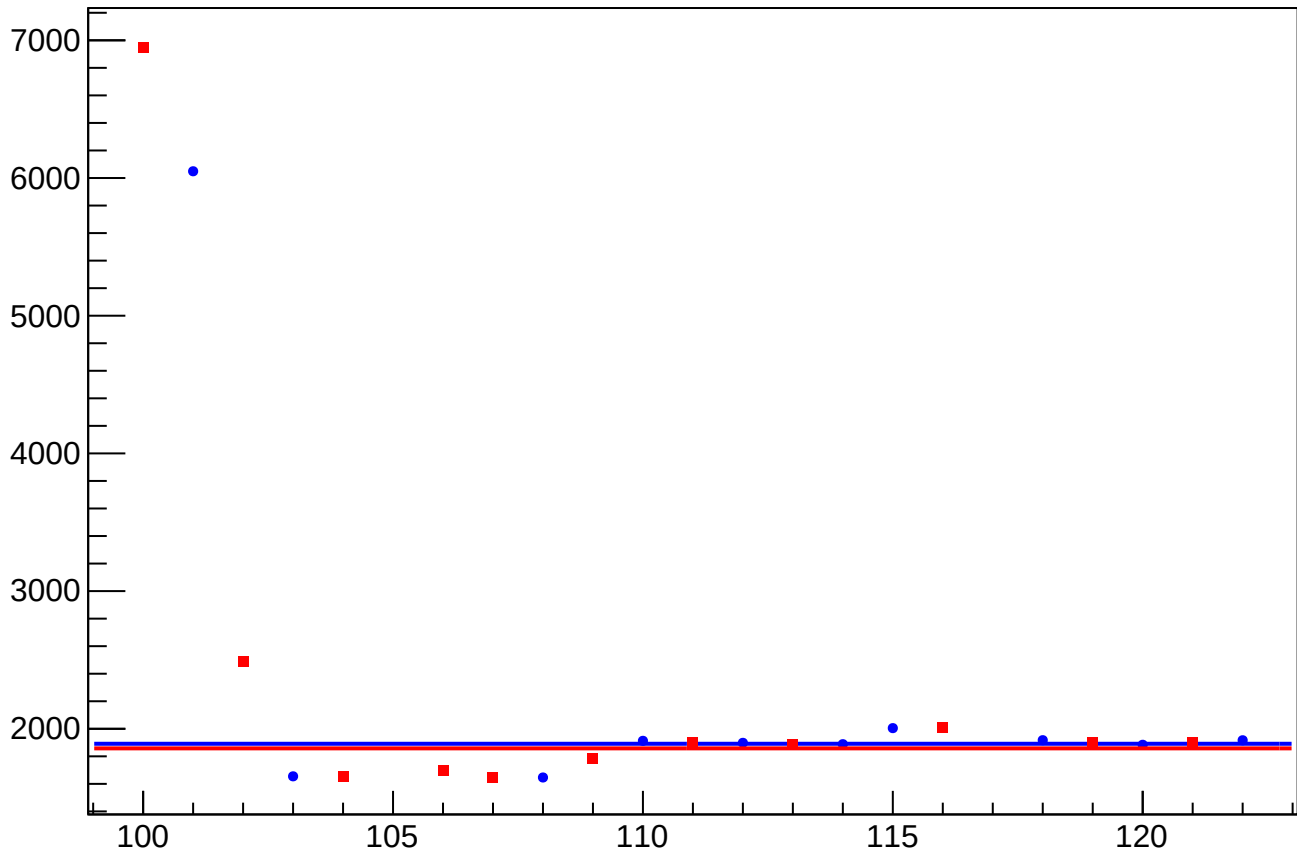
Right: 2709.626+/-663.641 χ^2/NDF : 13.1/20

In: 3167.556+/-975.350 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2709.626+/-663.641 χ^2/NDF : 13.1/20

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: 1857.820+/-0.639 χ^2/NDF : 172317.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

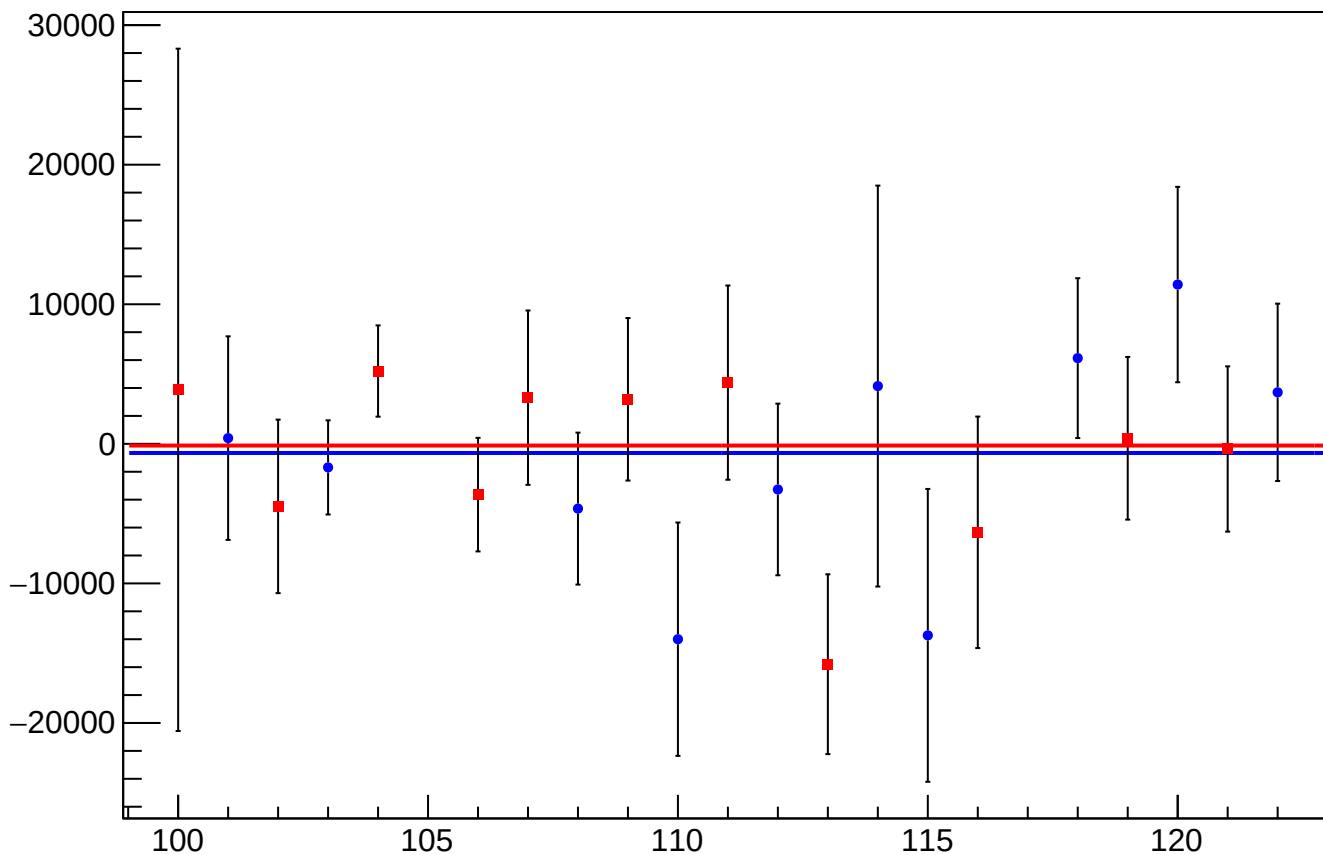
Right: 1873.248+/-0.469 χ^2/NDF : 836778.6/20

In: 1891.237+/-0.690 χ^2/NDF : 663197.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1873.248+/-0.469 χ^2/NDF : 836778.6/20

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: -122.878+/-1681.025 χ^2/NDF : 11.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

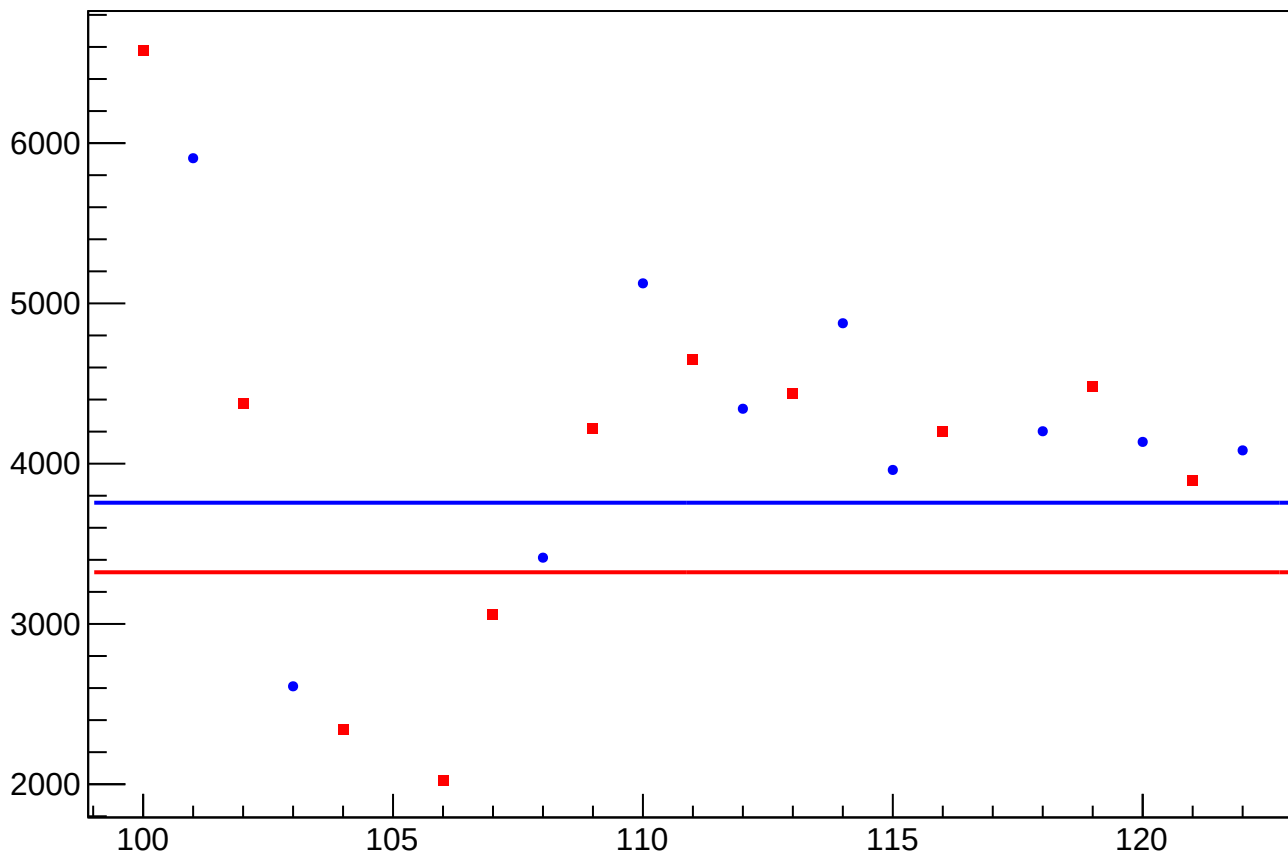
Right: -353.266+/-1265.228 χ^2/NDF : 21.4/20

In: -654.320+/-1921.618 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.266+/-1265.228 χ^2/NDF : 21.4/20

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: 3322.466+/-1.189 χ^2/NDF : 780227.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

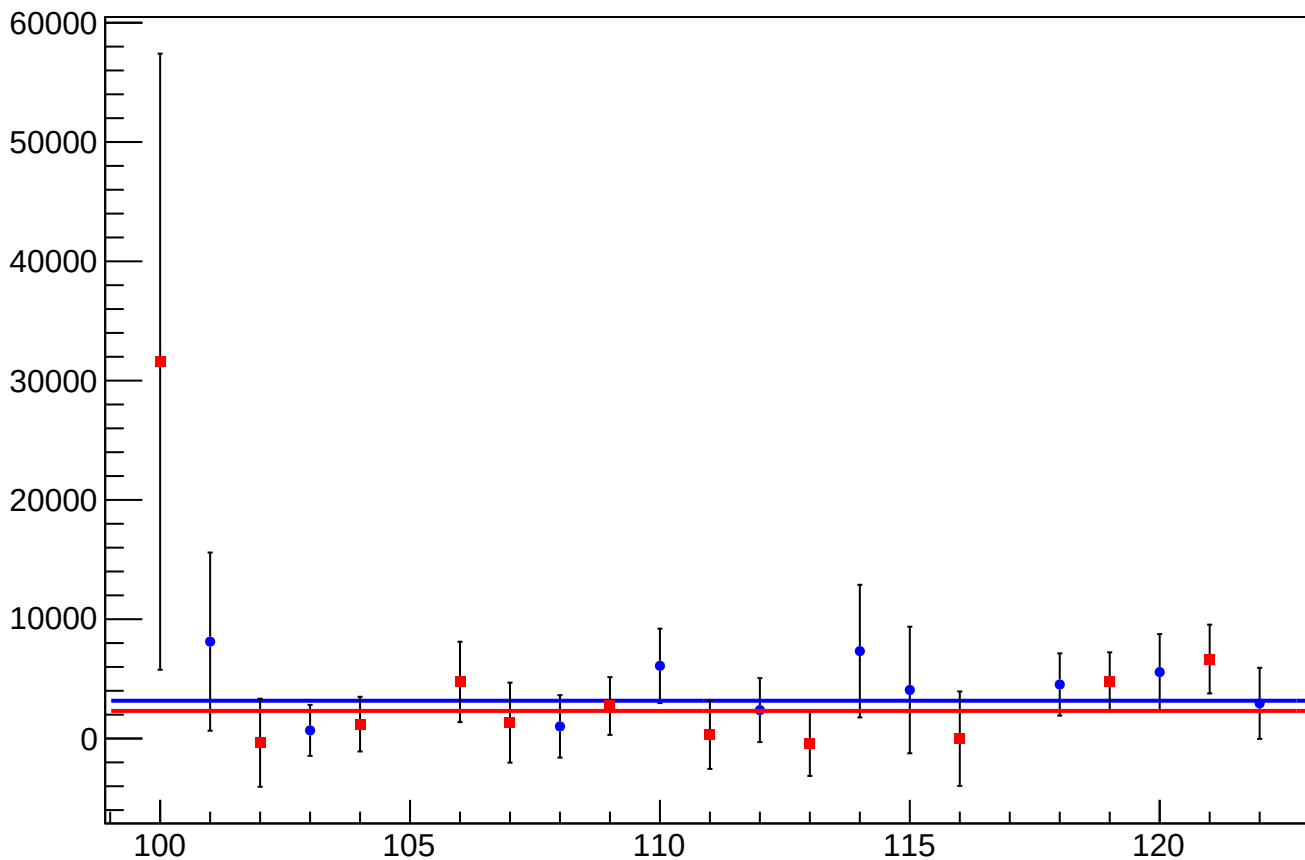
Right: 3510.568+/-0.895 χ^2/NDF : 1358303.7/20

In: 3756.366+/-1.359 χ^2/NDF : 520311.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3510.568+/-0.895 χ^2/NDF : 1358303.7/20

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: 2314.859+/-905.589 χ^2/NDF : 7.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

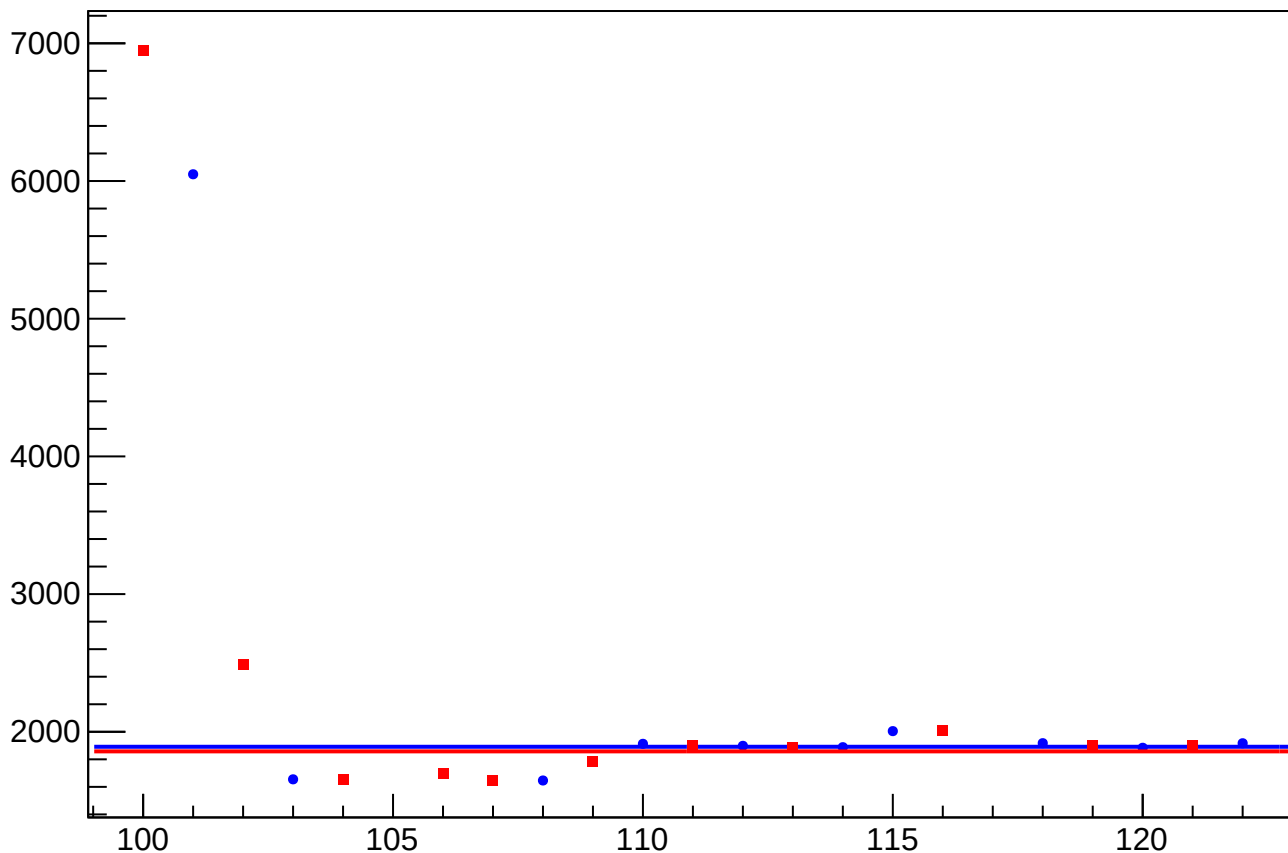
Right: 2709.626+/-663.641 χ^2/NDF : 13.1/20

In: 3167.556+/-975.350 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2709.626+/-663.641 χ^2/NDF : 13.1/20

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: 1857.820+/-0.639 χ^2/NDF : 172317.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

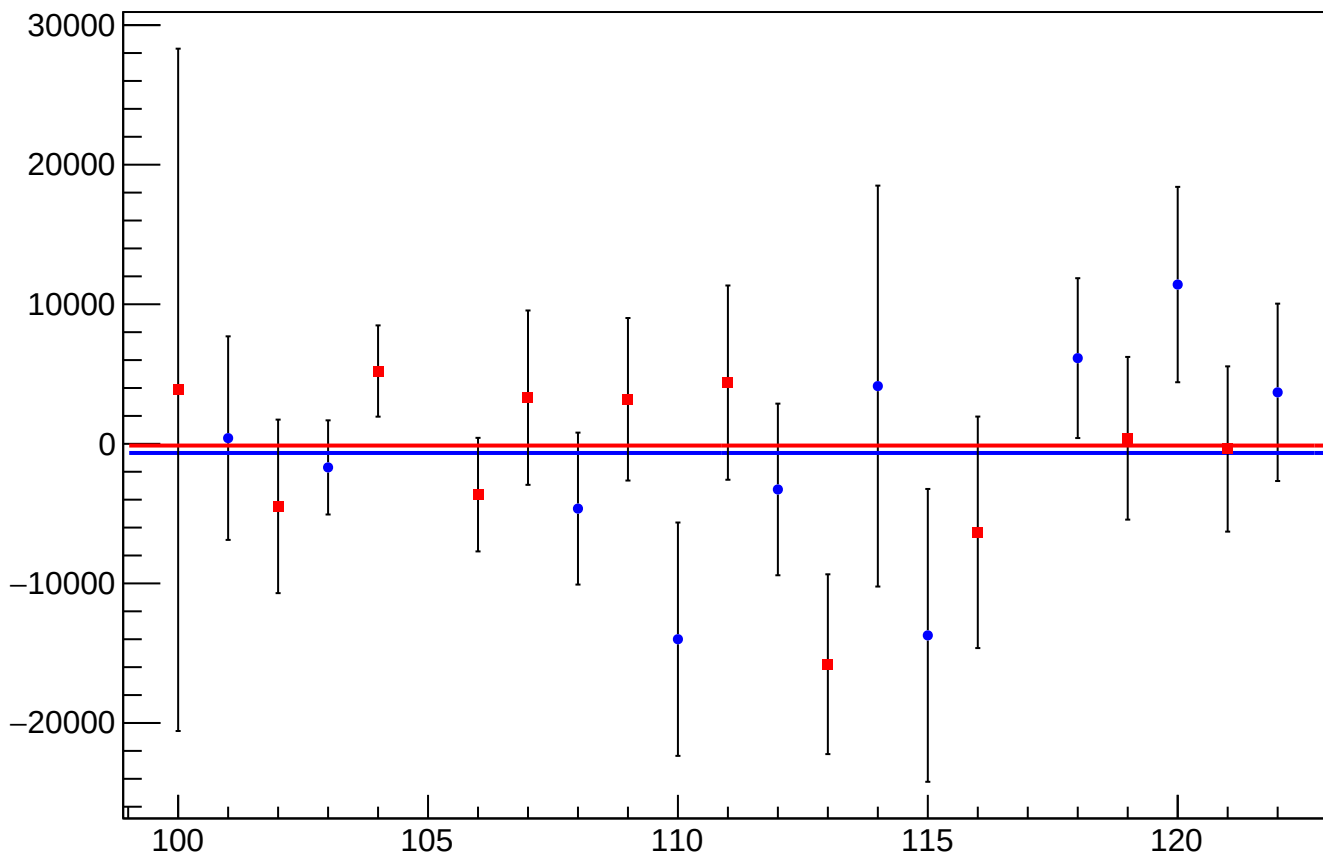
Right: 1873.248+/-0.469 χ^2/NDF : 836778.6/20

In: 1891.237+/-0.690 χ^2/NDF : 663197.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1873.248+/-0.469 χ^2/NDF : 836778.6/20

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: -122.878+/-1681.025 χ^2/NDF : 11.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

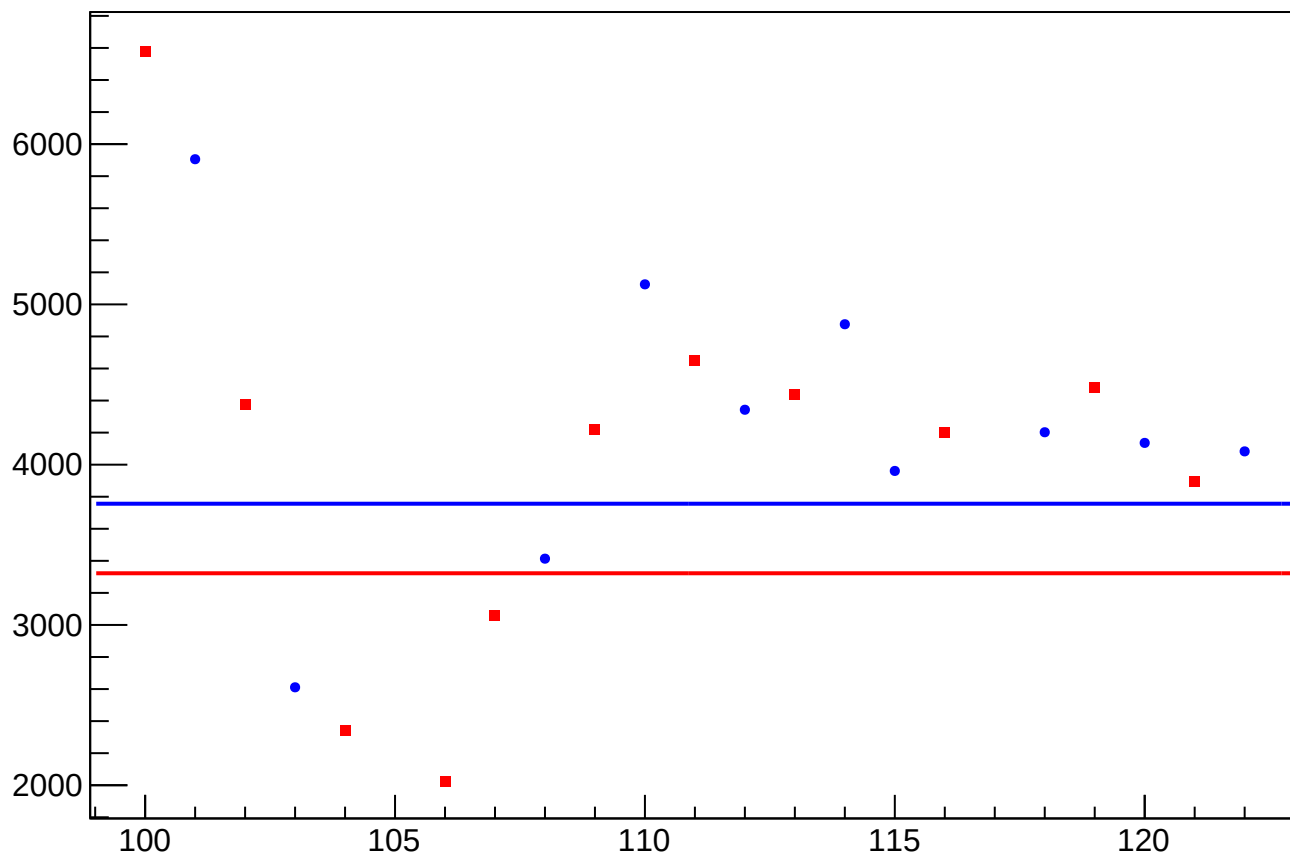
Right: -353.266+/-1265.228 χ^2/NDF : 21.4/20

In: -654.320+/-1921.618 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.266+/-1265.228 χ^2/NDF : 21.4/20

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: 3322.466+/-1.189 χ^2/NDF : 780227.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

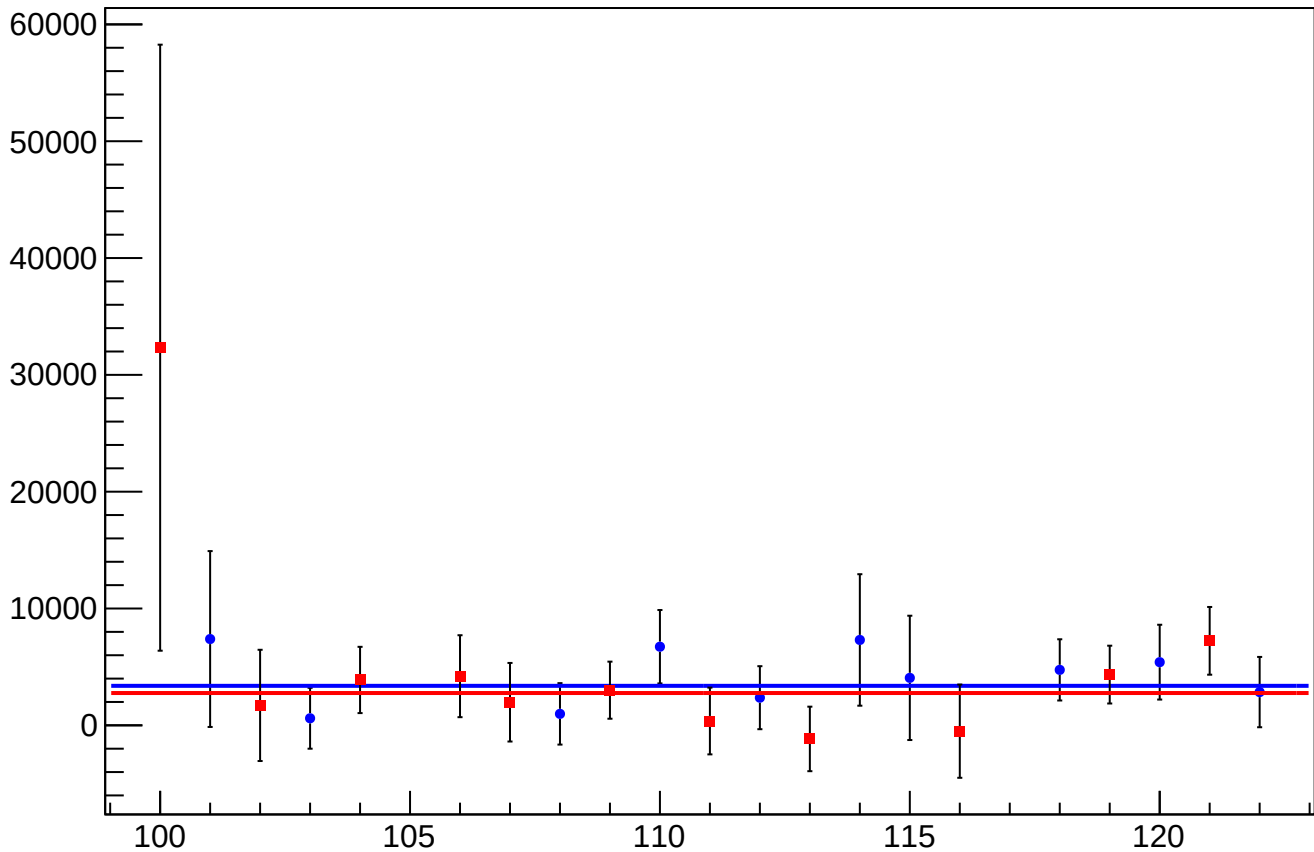
Right: 3510.568+/-0.895 χ^2/NDF : 1358303.7/20

In: 3756.366+/-1.359 χ^2/NDF : 520311.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3510.568+/-0.895 χ^2/NDF : 1358303.7/20

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: 2765.289+/-950.889 χ^2/NDF : 7.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

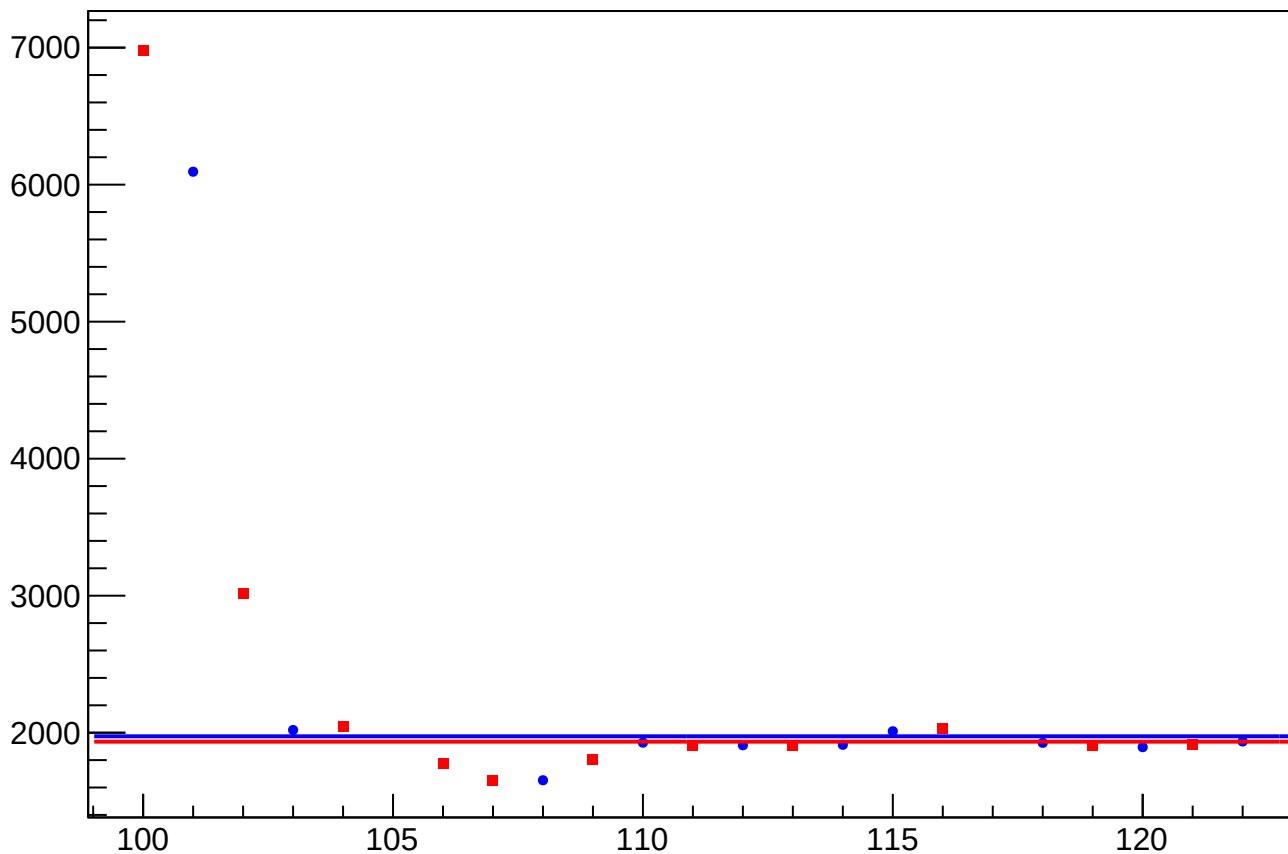
Right: 3052.870+/-694.256 χ^2/NDF : 12.8/20

In: 3381.181+/-1015.995 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3052.870+/-694.256 χ^2/NDF : 12.8/20

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: 1934.716+/-0.671 χ^2/NDF : 208613.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

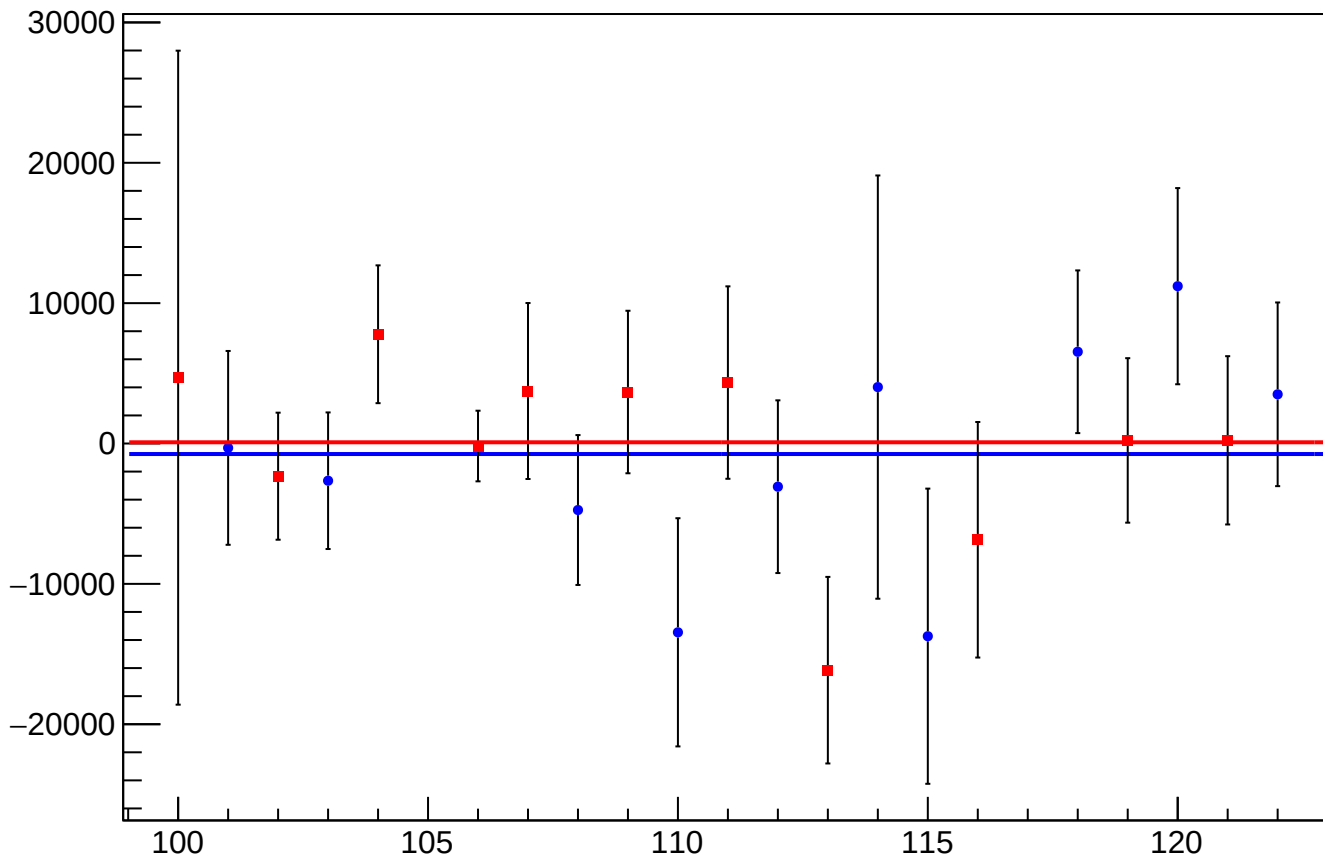
Right: 1952.868+/-0.491 χ^2/NDF : 844006.3/20

In: 1973.651+/-0.718 χ^2/NDF : 633824.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.868+/-0.491 χ^2/NDF : 844006.3/20

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: 86.452+/-1542.213 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

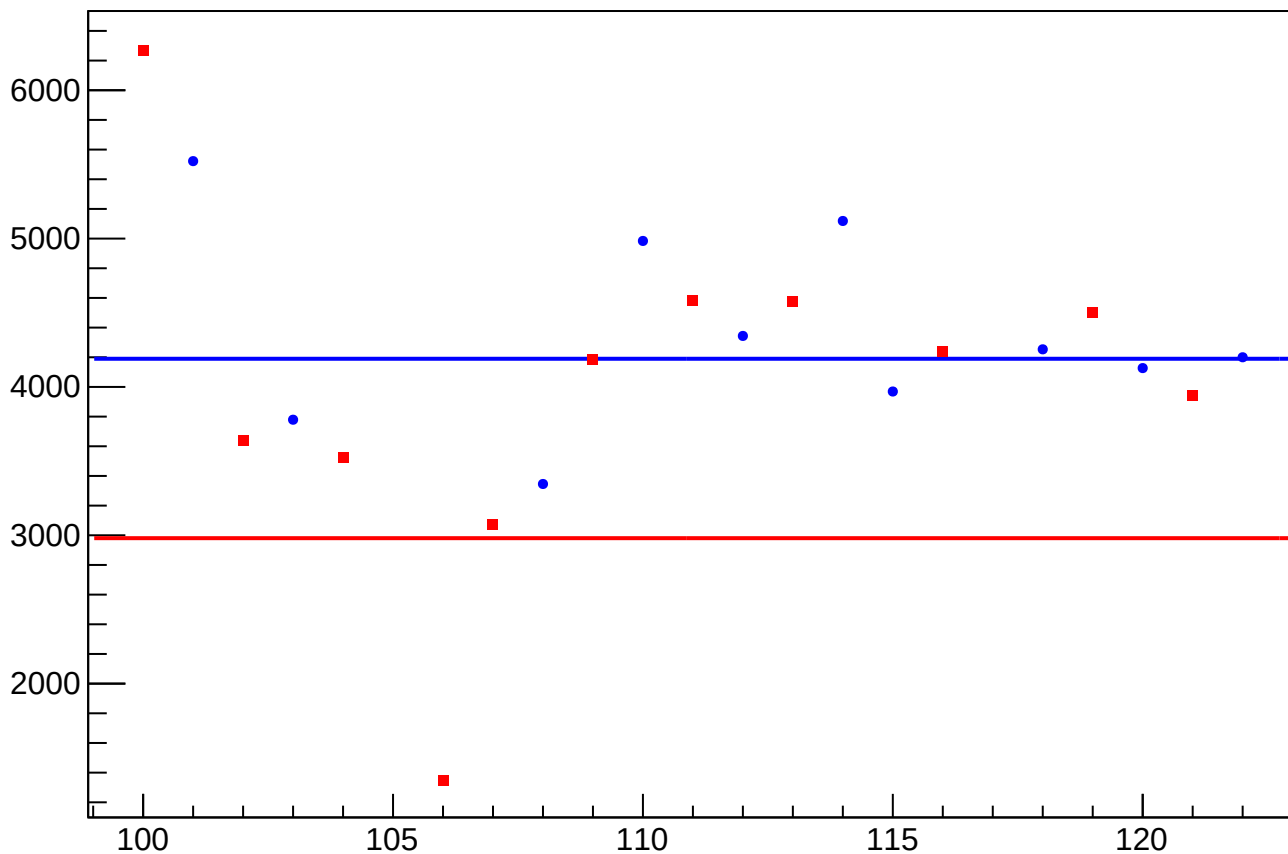
Right: -206.509+/-1242.897 χ^2/NDF : 20.5/20

In: -749.394+/-2099.391 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -206.509+/-1242.897 χ^2/NDF : 20.5/20

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: 2980.505+/-1.091 χ^2/NDF : 1492036.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

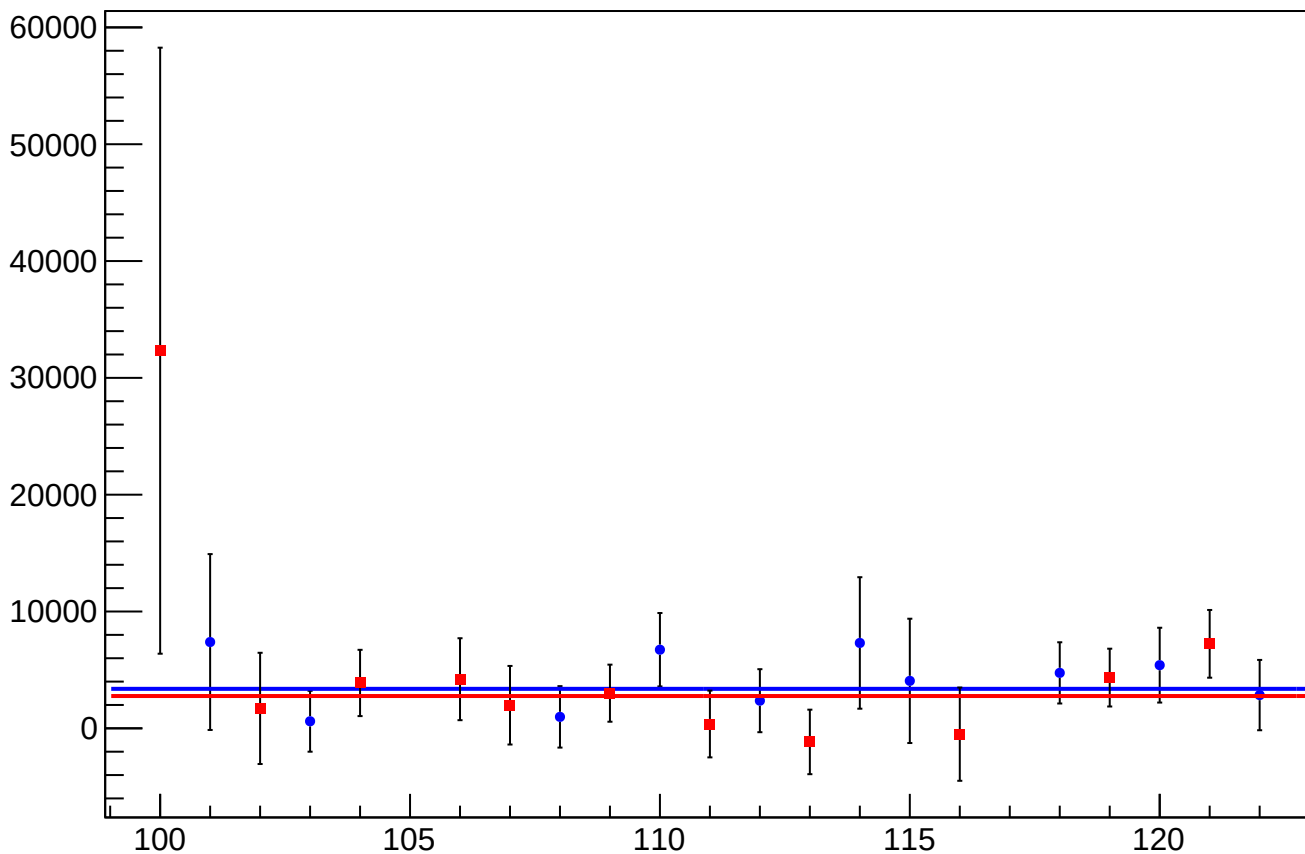
Right: 3404.397+/-0.879 χ^2/NDF : 2091059.9/20

In: 4189.910+/-1.484 χ^2/NDF : 167932.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3404.397+/-0.879 χ^2/NDF : 2091059.9/20

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: 2765.294+/-950.888 χ^2/NDF : 7.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

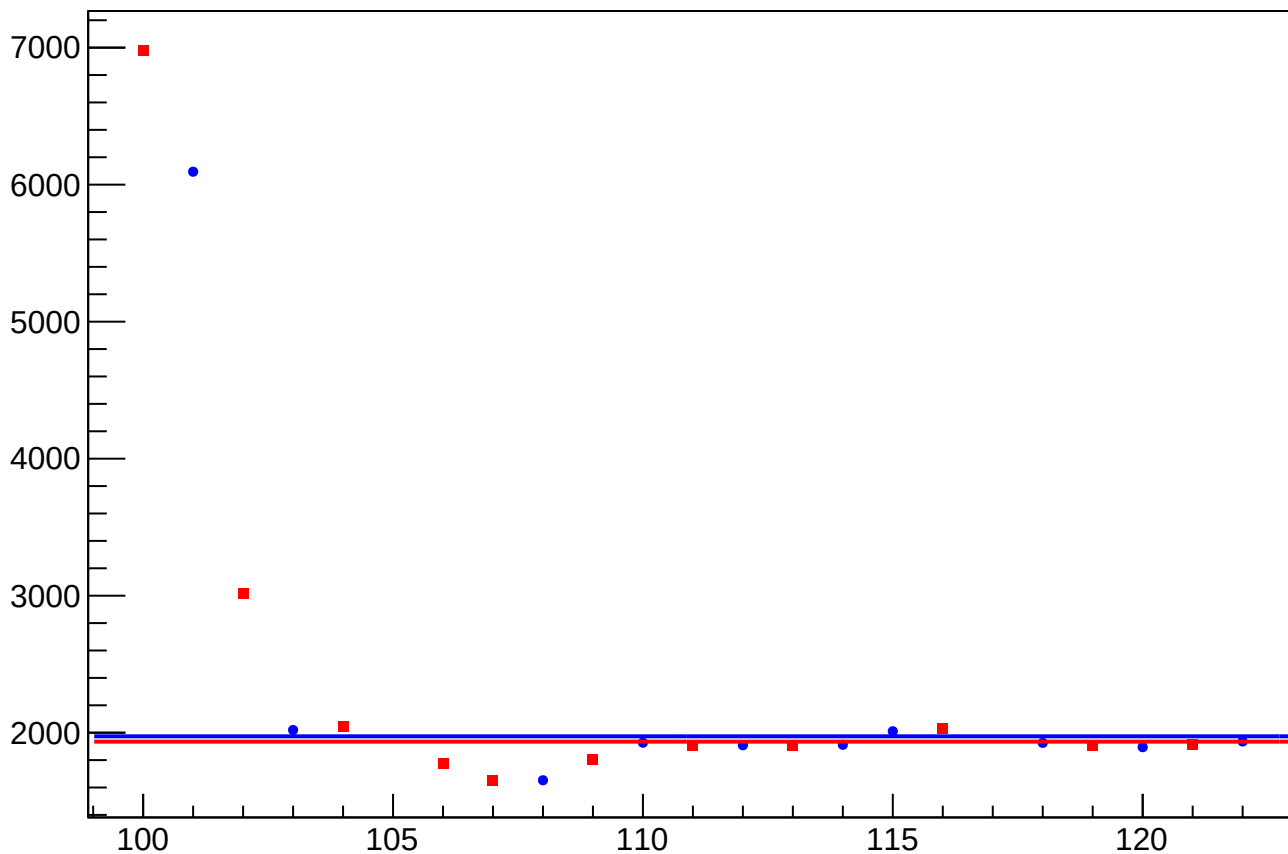
Right: 3052.871+/-694.256 χ^2/NDF : 12.8/20

In: 3381.177+/-1015.995 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3052.871+/-694.256 χ^2/NDF : 12.8/20

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: 1934.716+/-0.671 χ^2/NDF : 208613.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

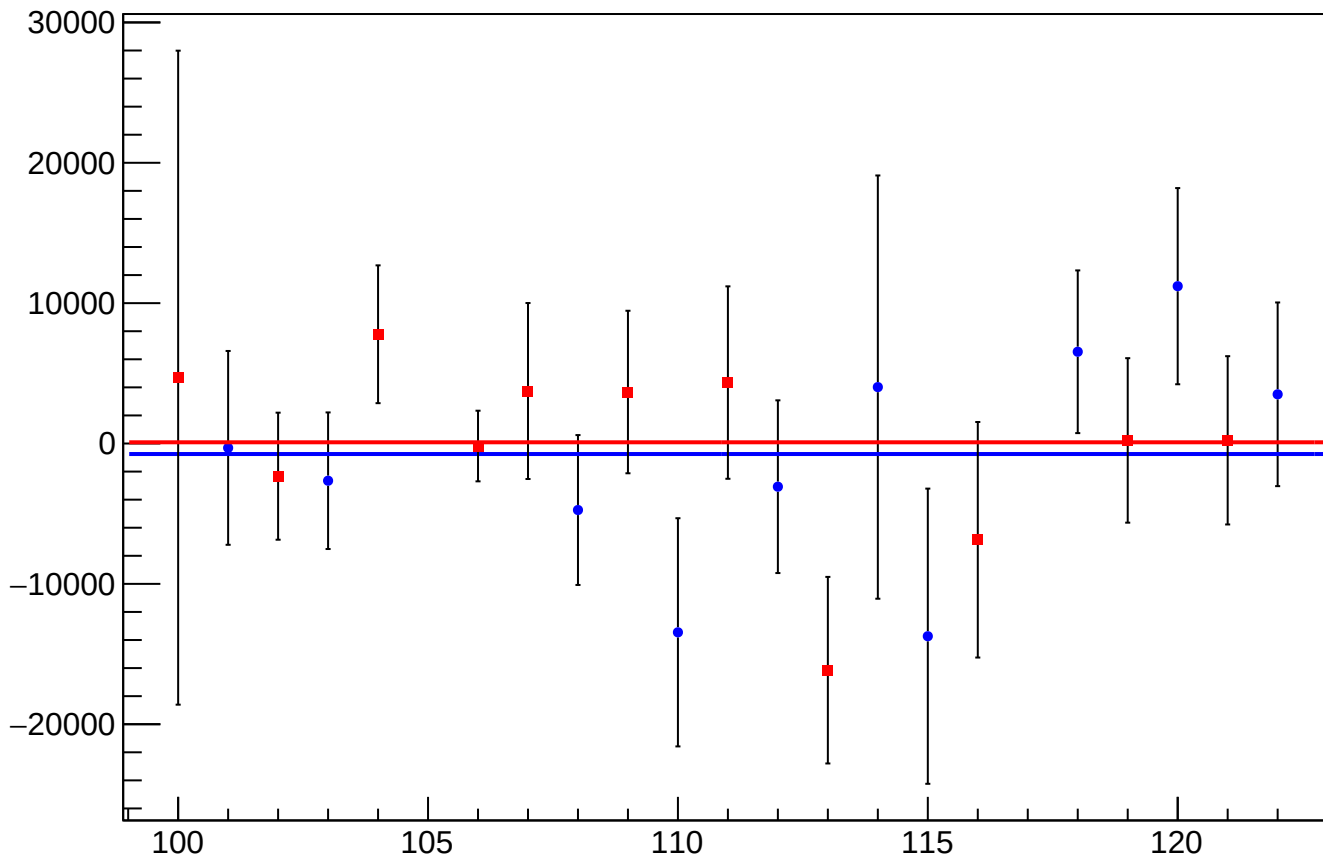
Right: 1952.868+/-0.491 χ^2/NDF : 844006.0/20

In: 1973.651+/-0.718 χ^2/NDF : 633824.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.868+/-0.491 χ^2/NDF : 844006.0/20

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: 86.449+/-1542.209 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

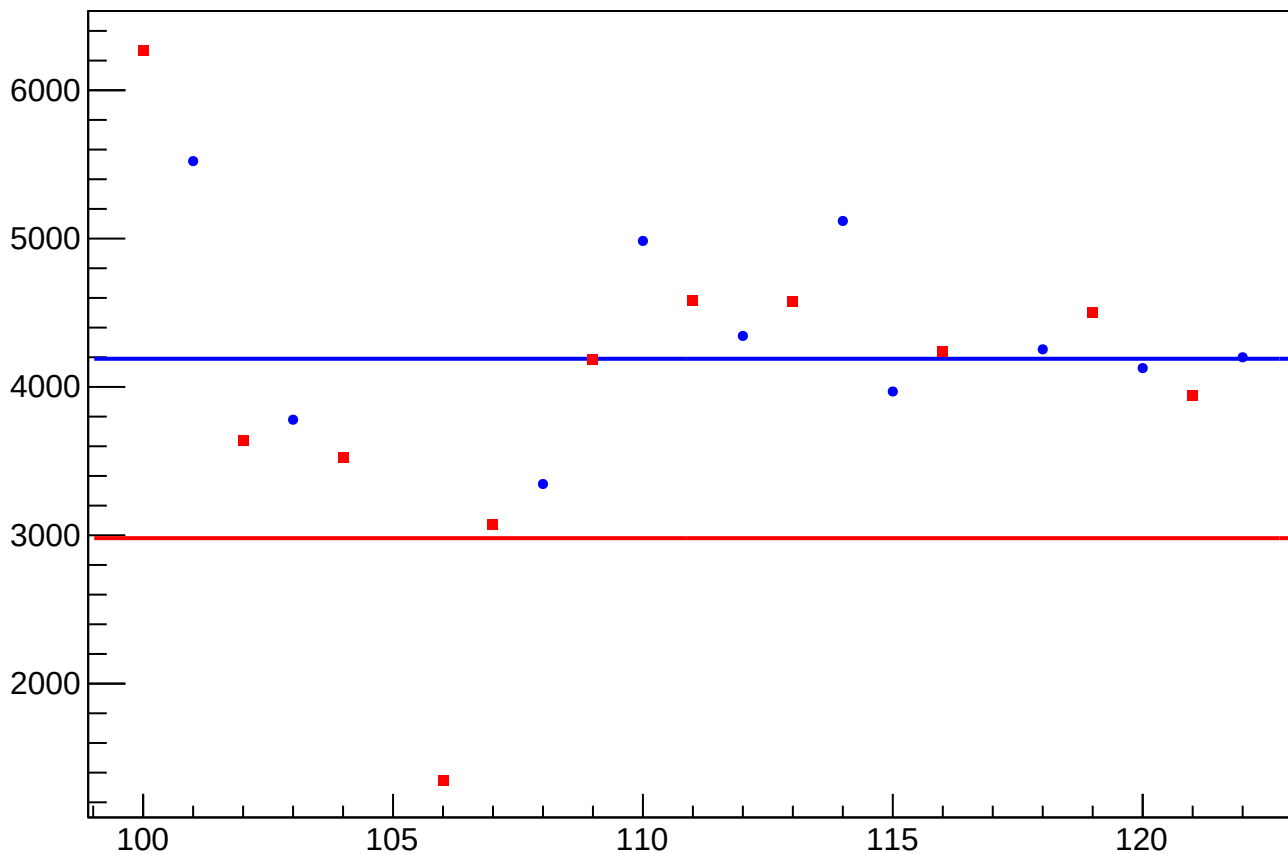
Right: -206.507+/-1242.894 χ^2/NDF : 20.5/20

In: -749.383+/-2099.387 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -206.507+/-1242.894 χ^2/NDF : 20.5/20

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: 2980.497+/-1.091 χ^2/NDF : 1492039.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

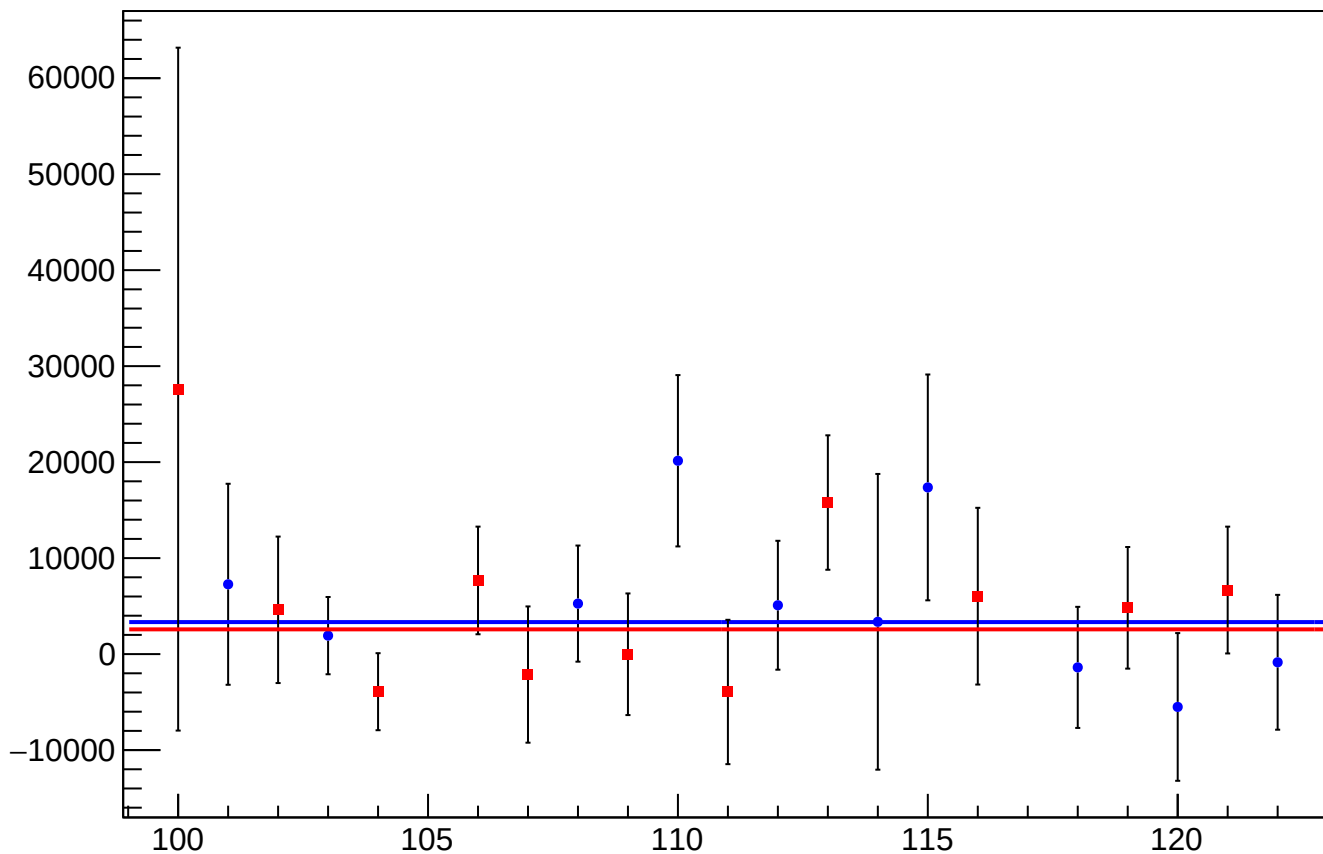
Right: 3404.389+/-0.879 χ^2/NDF : 2091062.3/20

In: 4189.902+/-1.484 χ^2/NDF : 167931.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3404.389+/-0.879 χ^2/NDF : 2091062.3/20

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: 2576.665+/-1982.768 χ^2/NDF : 9.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

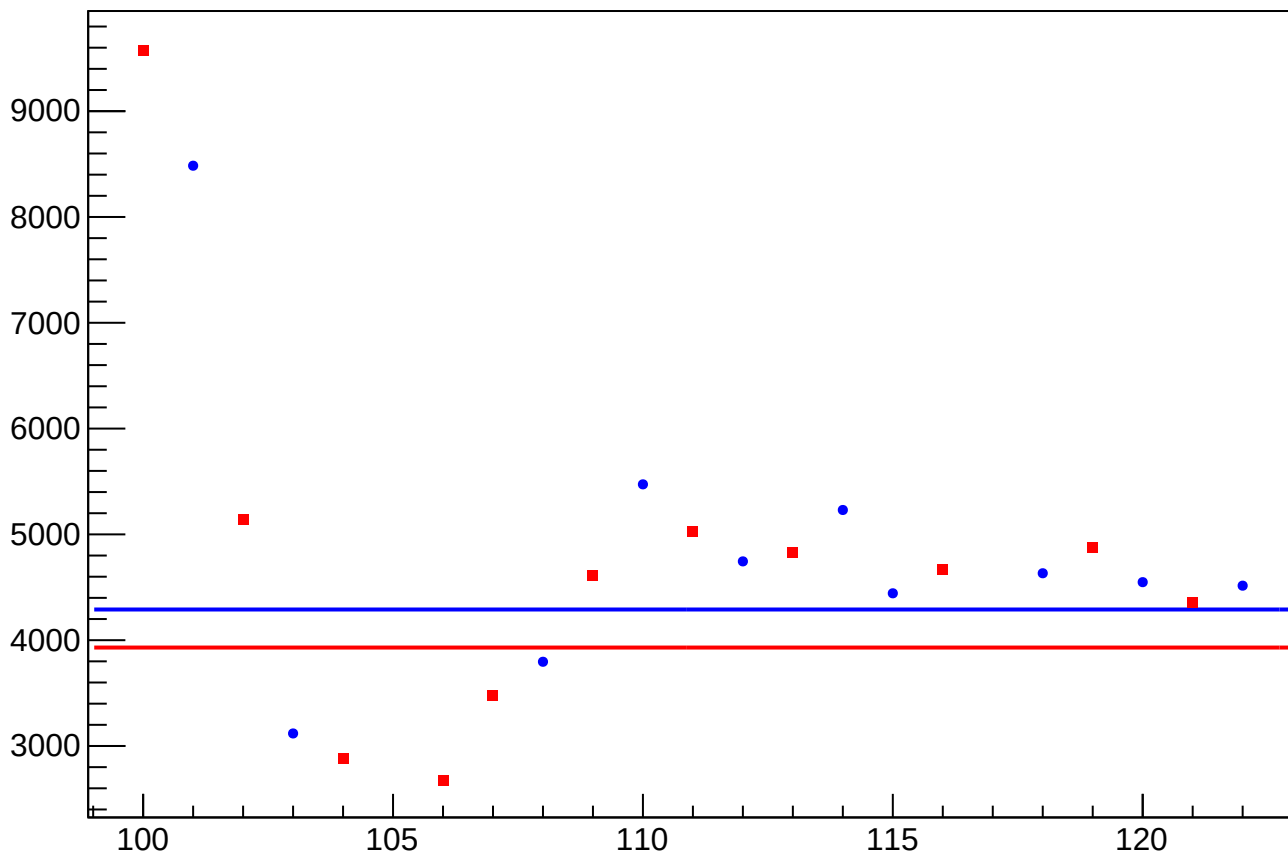
Right: 2916.733+/-1472.809 χ^2/NDF : 17.3/20

In: 3335.336+/-2199.838 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2916.733+/-1472.809 χ^2/NDF : 17.3/20

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: 3930.415+/-1.385 χ^2/NDF : 528773.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

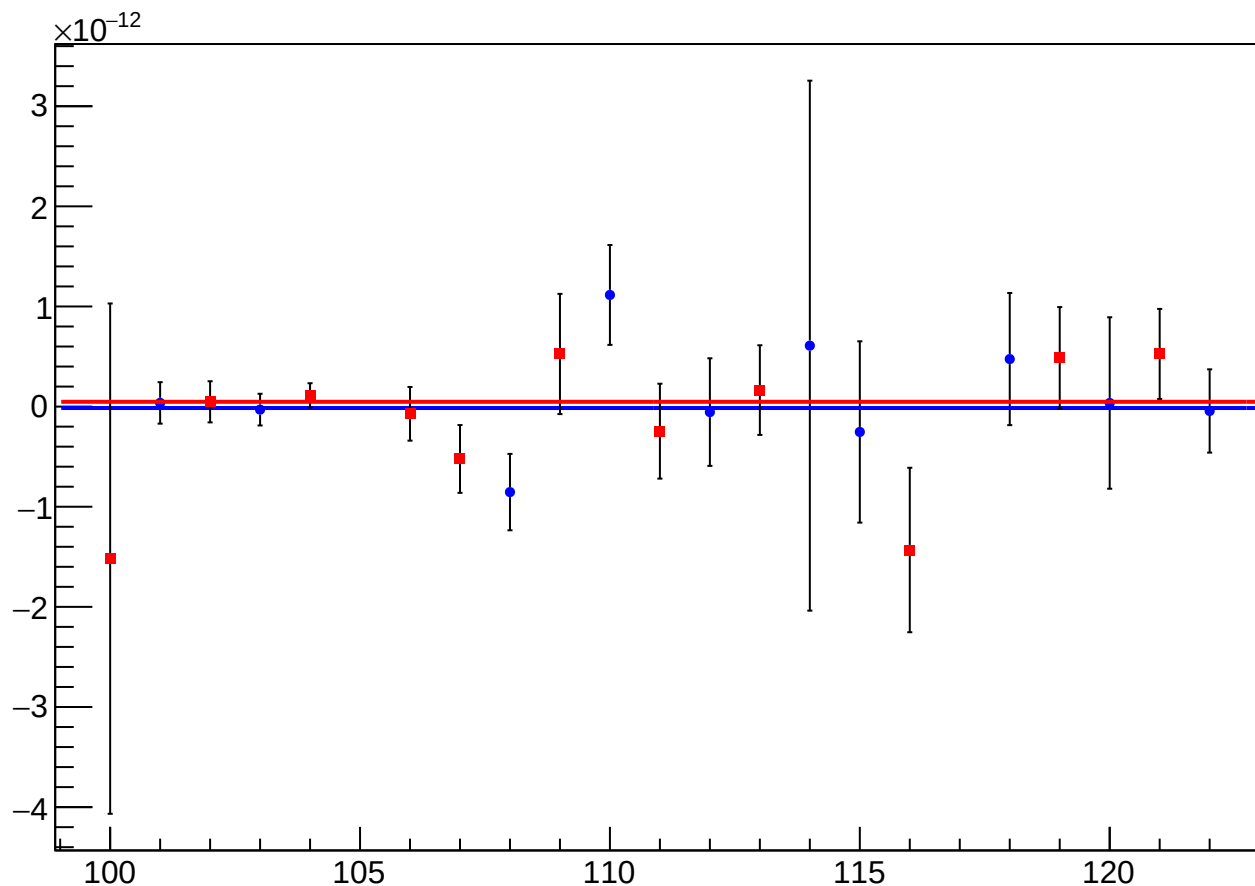
Right: 4089.440+/-1.034 χ^2/NDF : 1124634.7/20

In: 4290.018+/-1.556 χ^2/NDF : 566051.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4089.440+/-1.034 χ^2/NDF : 1124634.7/20

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 : 9.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

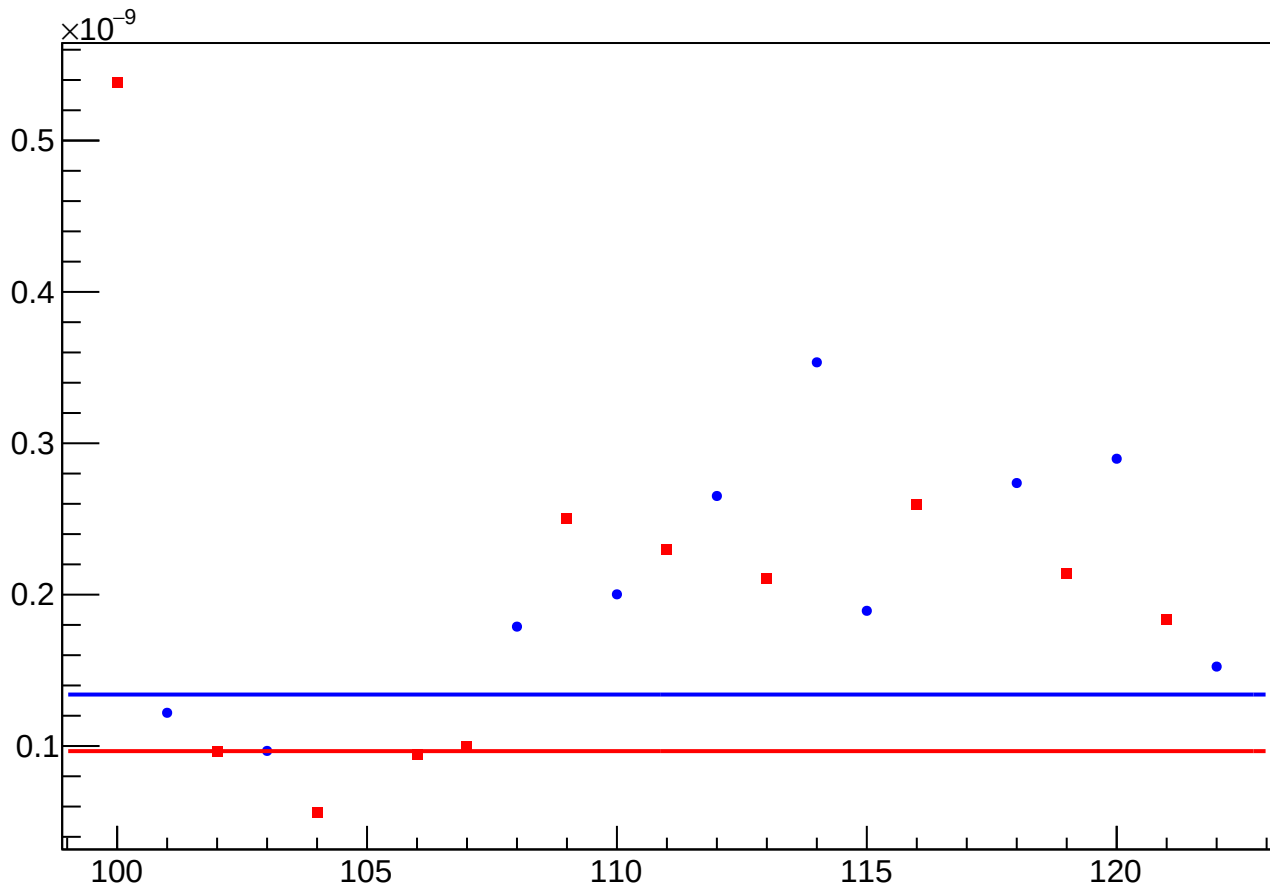
Right: 0.000+/-0.000 χ^2/NDF : 20.9/20

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 : 20.9/20

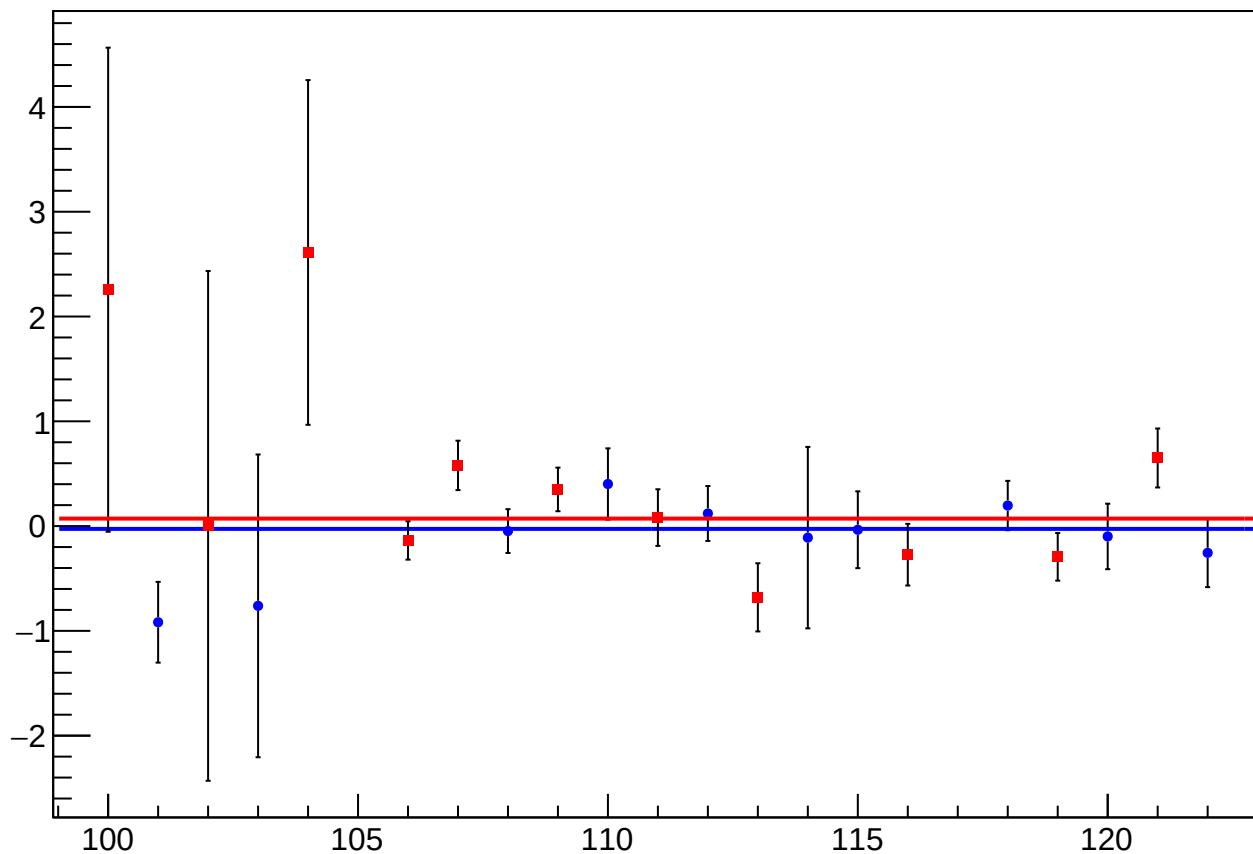
asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 965599.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1596661.2/20
 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 : 1596661.2/20

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: 0.071+/-0.085 χ^2/NDF : 24.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

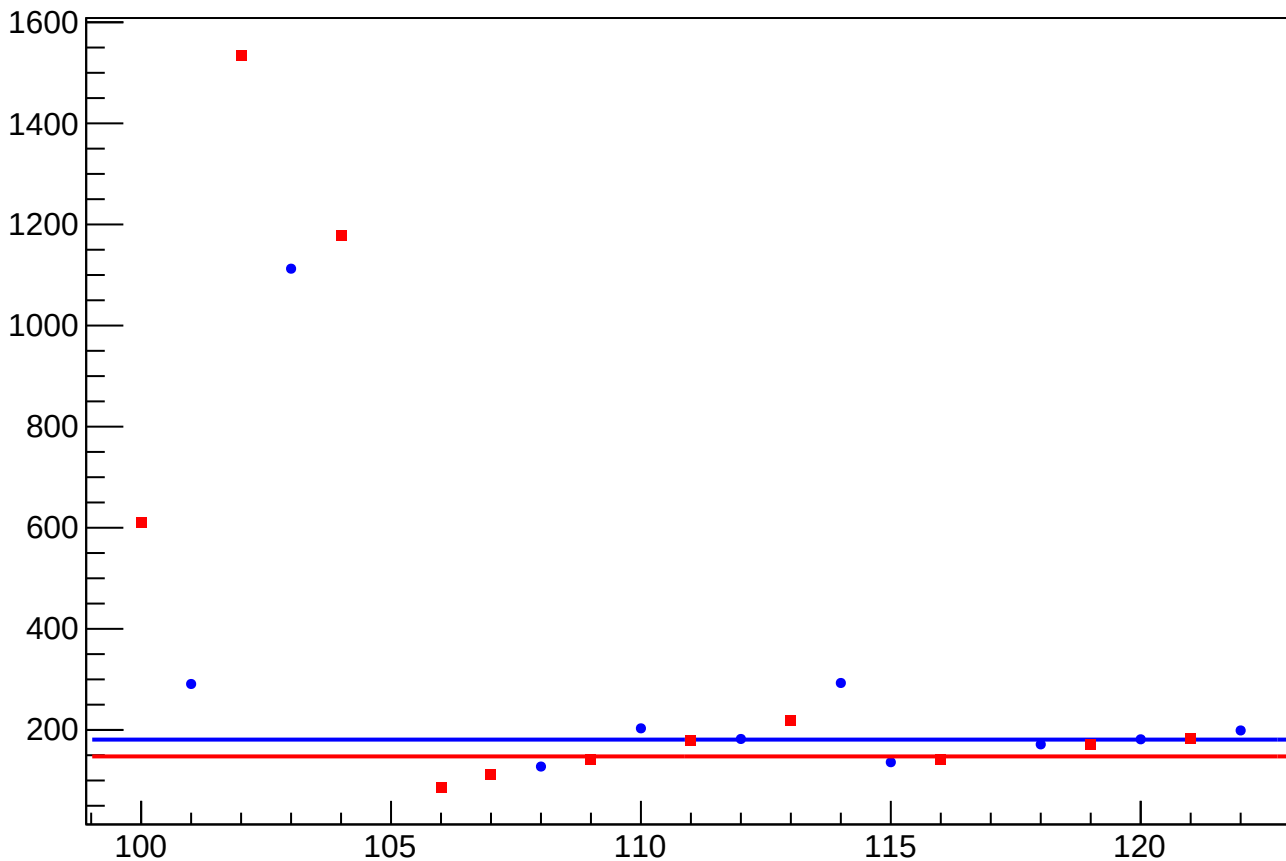
Right: 0.030+/-0.065 χ^2/NDF : 34.0/20

In: -0.027+/-0.100 χ^2/NDF :9.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.030+/-0.065 χ^2/NDF : 34.0/20

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: 147.633+/-0.060 χ^2/NDF : 1966788.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

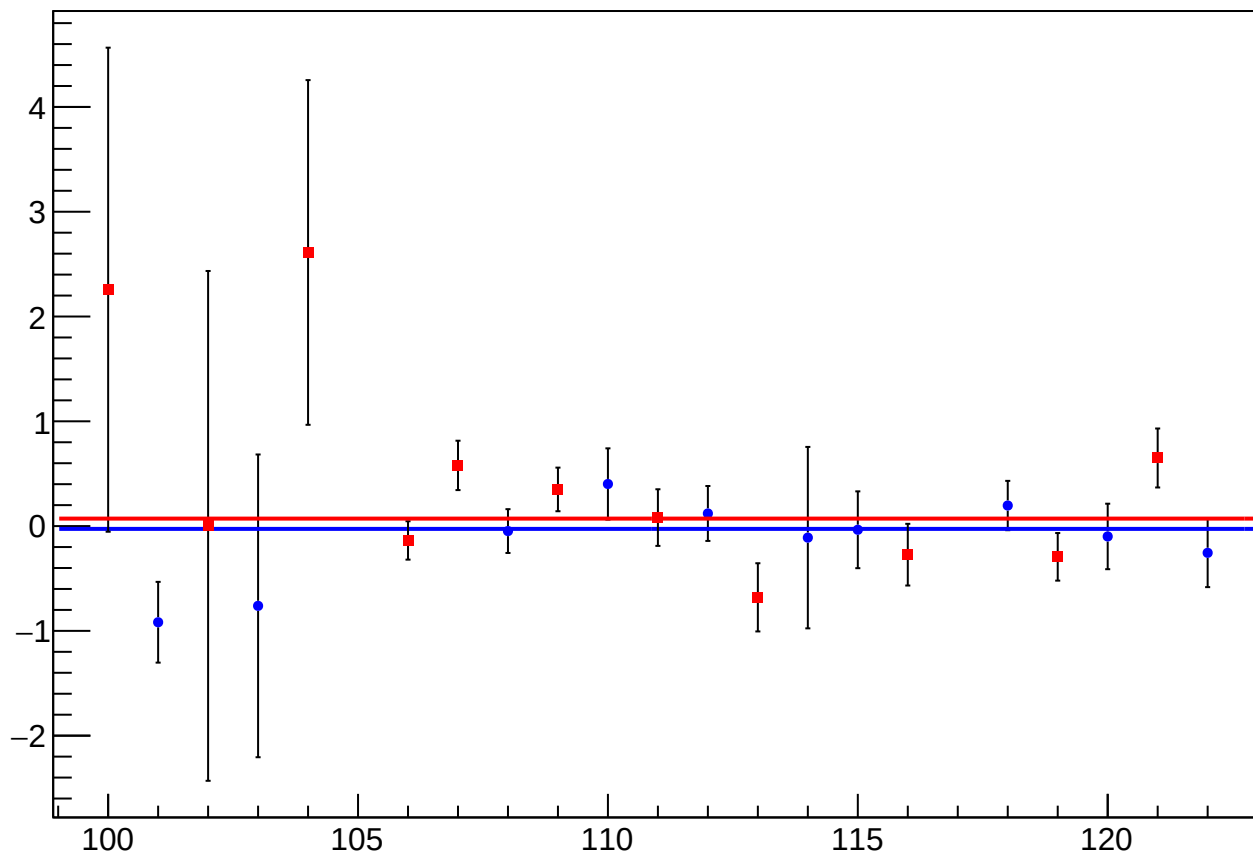
Right: 161.563+/-0.046 χ^2/NDF : 3301078.3/20

In: 180.890+/-0.071 χ^2/NDF : 1206119.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.563+/-0.046 χ^2/NDF : 3301078.3/20

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: 0.071+/-0.085 χ^2/NDF : 24.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

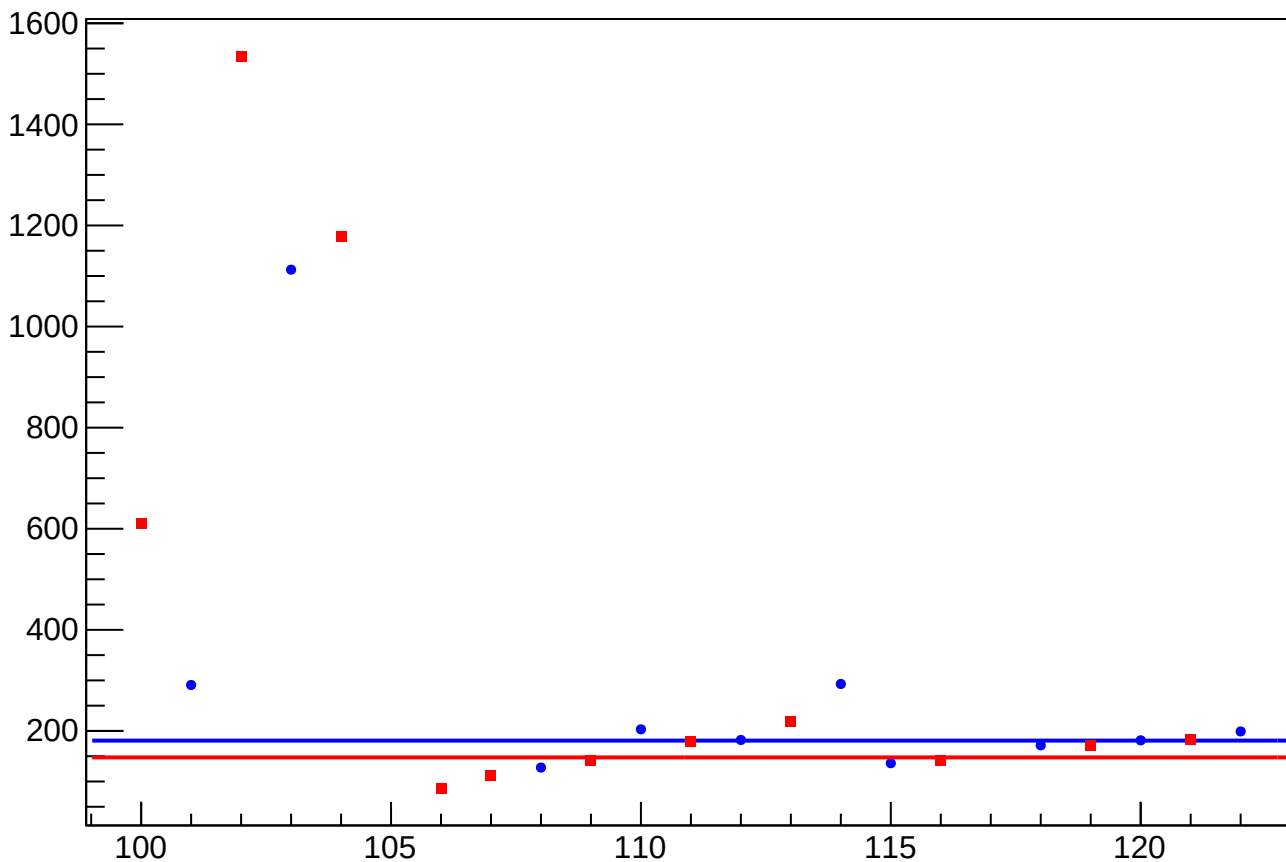
Right: 0.030+/-0.065 χ^2/NDF : 34.0/20

In: -0.027+/-0.100 χ^2/NDF :9.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.030+/-0.065 χ^2/NDF : 34.0/20

asym_atr_avg_dit_vs_eigen_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: 147.633+/-0.060 χ^2/NDF : 1966788.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

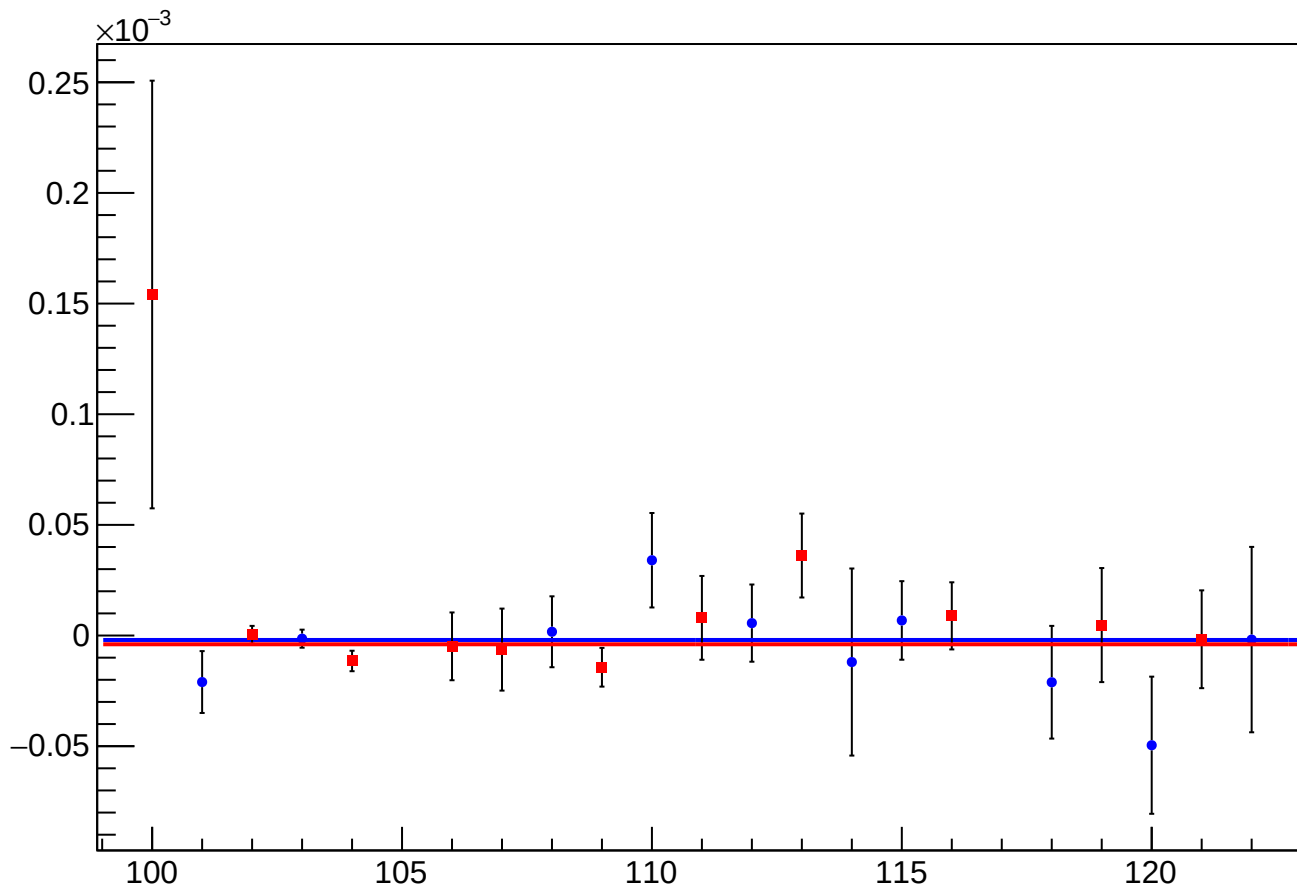
Right: 161.563+/-0.046 χ^2/NDF : 3301078.3/20

In: 180.890+/-0.071 χ^2/NDF : 1206119.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.563+/-0.046 χ^2/NDF : 3301078.3/20

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 : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

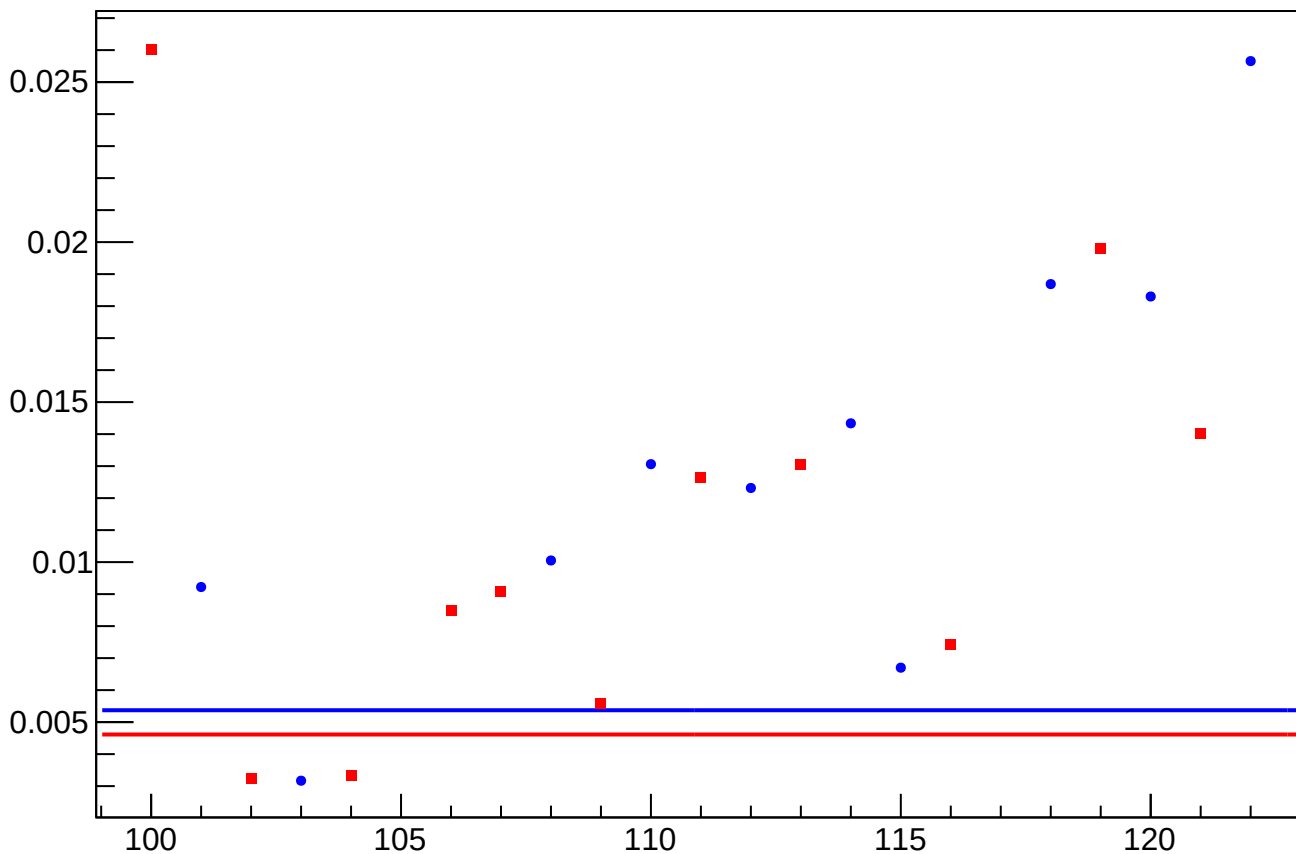
Right: -0.000+/-0.000 χ^2/NDF : 22.0/20

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 : 22.0/20

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 : 2636946.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

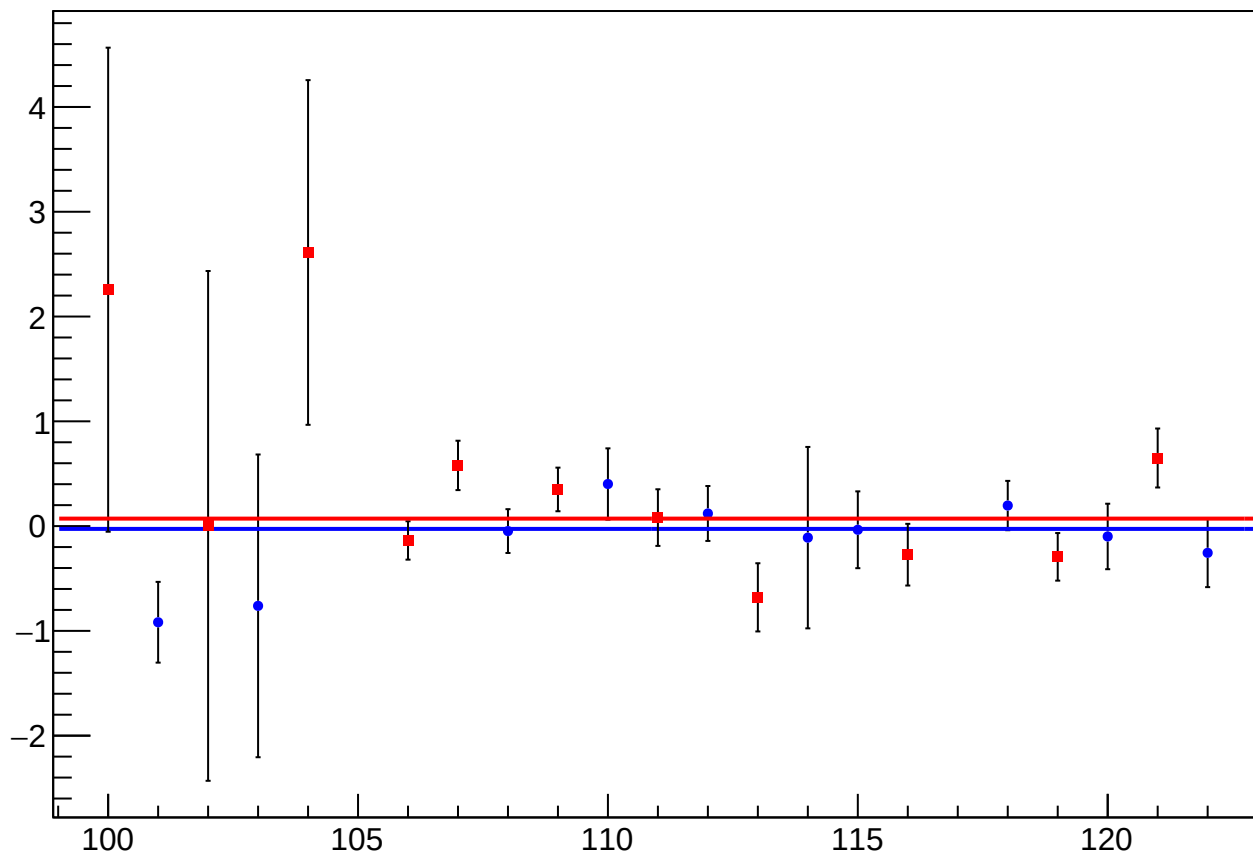
Right: 0.005+/-0.000 χ^2/NDF : 5644466.9/20

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 : 5644466.9/20

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: 0.071+/-0.085 χ^2/NDF : 24.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

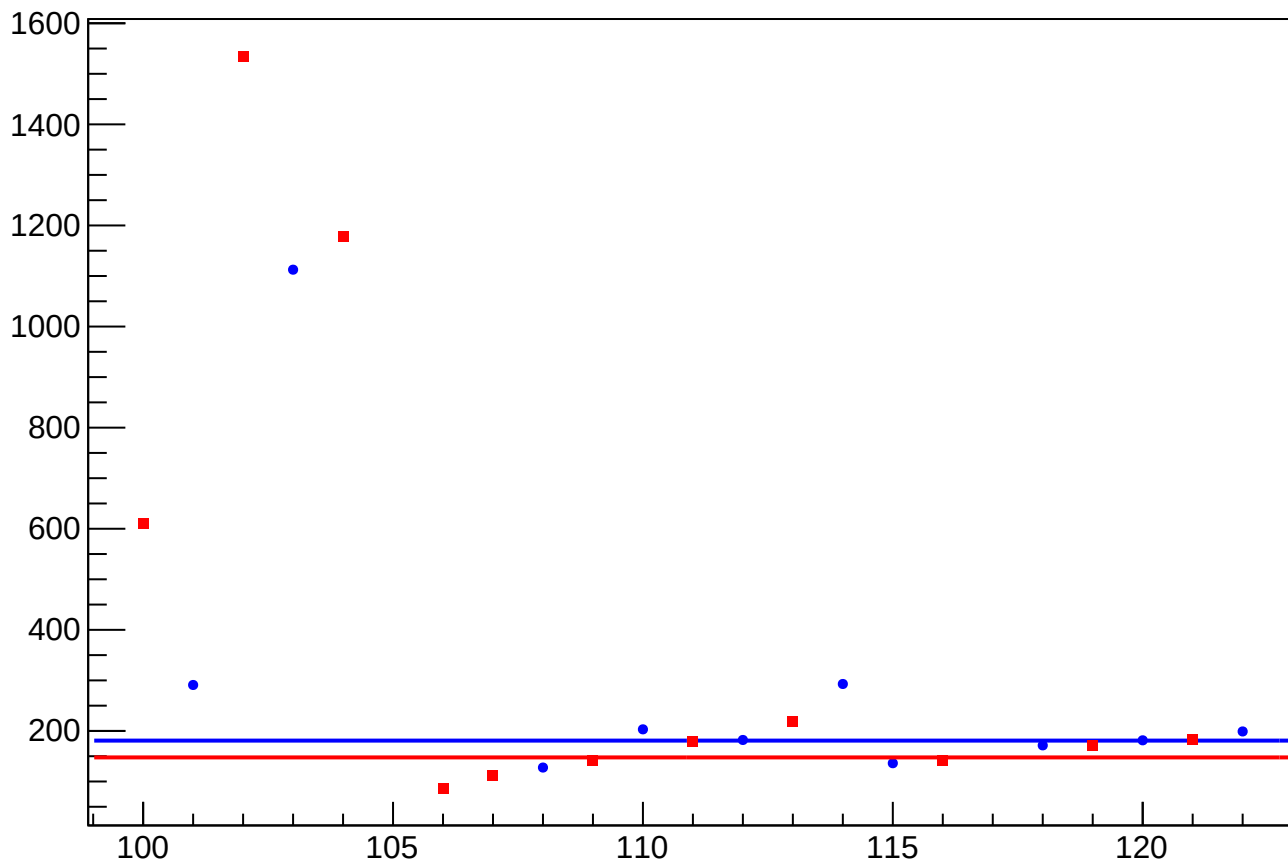
Right: 0.030+/-0.065 χ^2/NDF : 34.0/20

In: -0.027+/-0.100 χ^2/NDF :9.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.030+/-0.065 χ^2/NDF : 34.0/20

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: 147.633+/-0.060 χ^2/NDF : 1966783.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

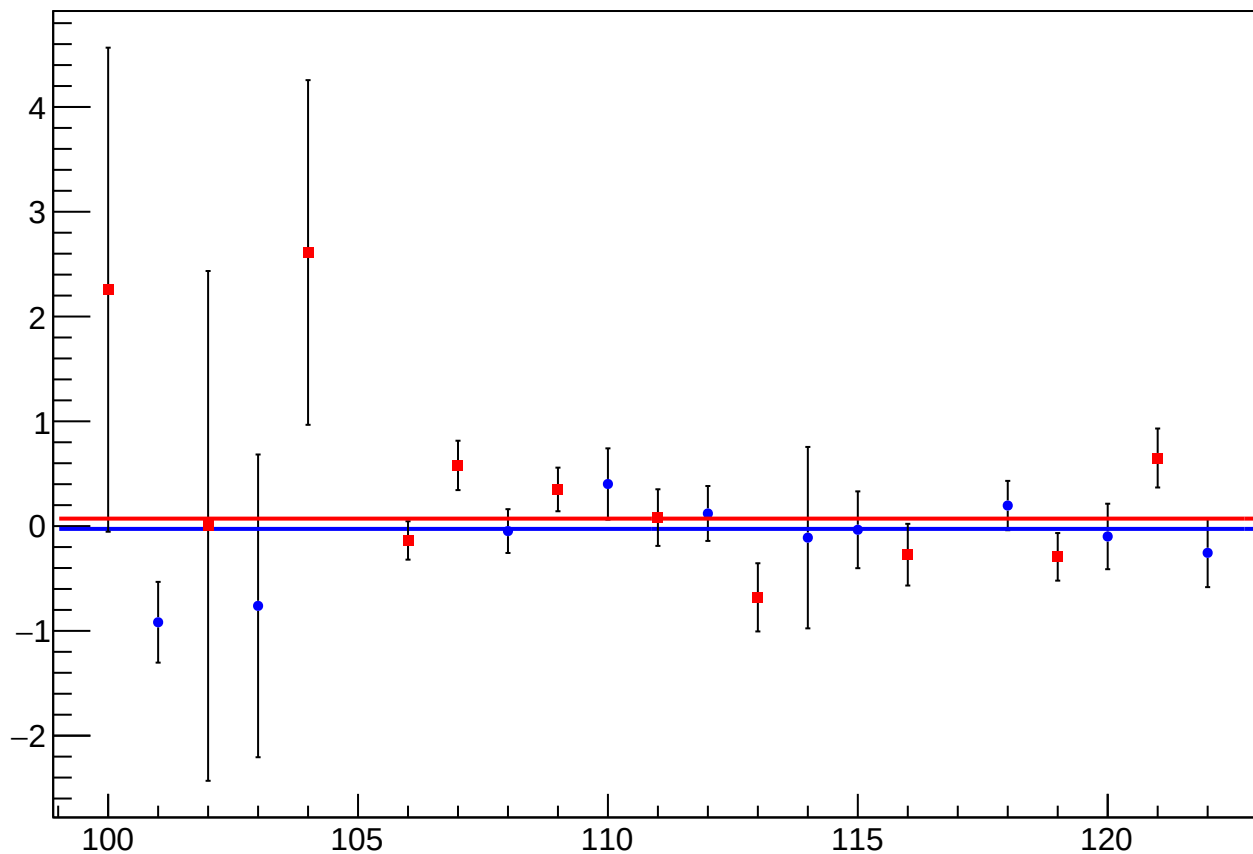
Right: 161.563+/-0.046 χ^2/NDF : 3301075.5/20

In: 180.890+/-0.071 χ^2/NDF :1206128.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 161.563+/-0.046 χ^2/NDF : 3301075.5/20

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.100 χ^2 /NDF: 9.0/9

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

Right Out: 0.071 $\pm$ 0.085 χ^2 /NDF: 24.5/10

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

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

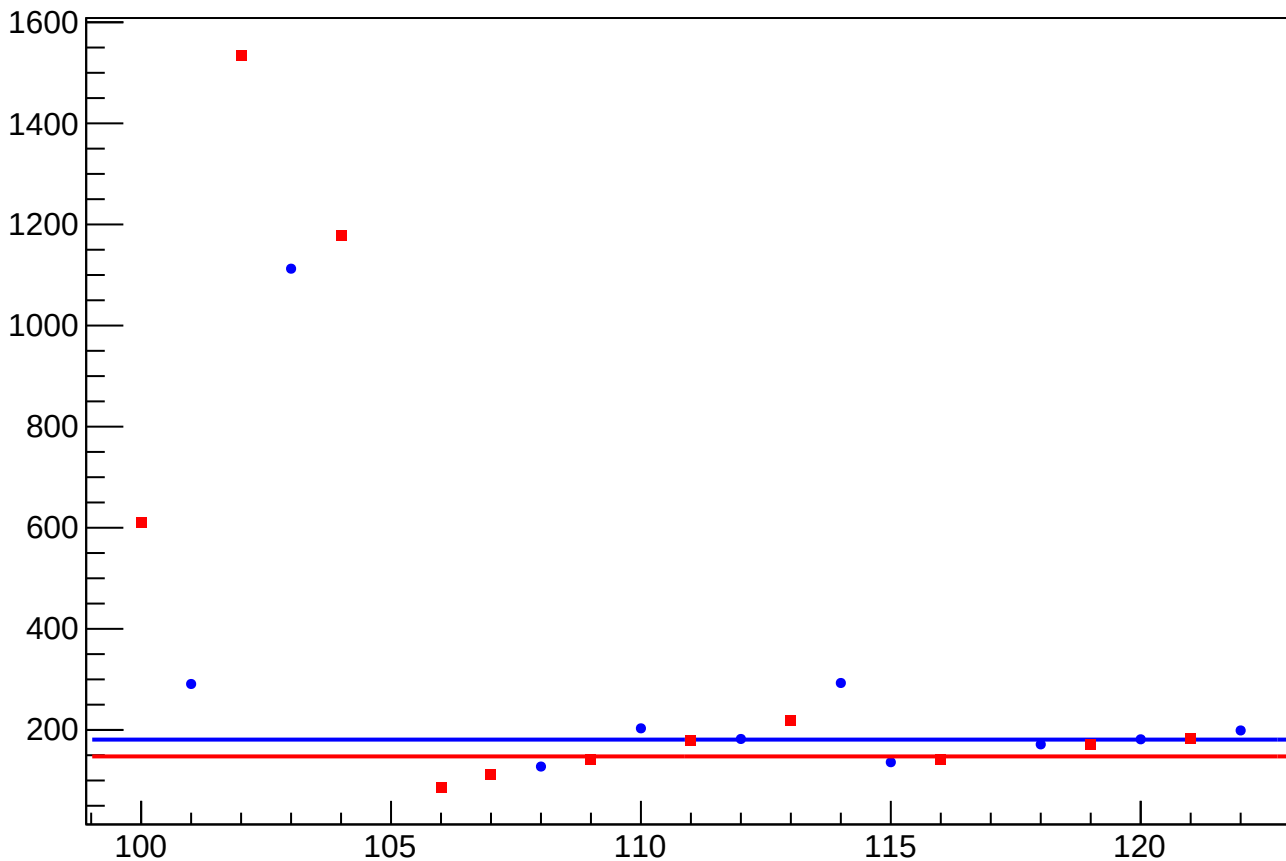
Right: 0.030 $\pm$ 0.065 χ^2 /NDF: 34.0/20

In: -0.027 $\pm$ 0.100 χ^2 /NDF:9.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.030 $\pm$ 0.065 χ^2 /NDF: 34.0/20

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: 147.633+/-0.060 χ^2/NDF : 1966783.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

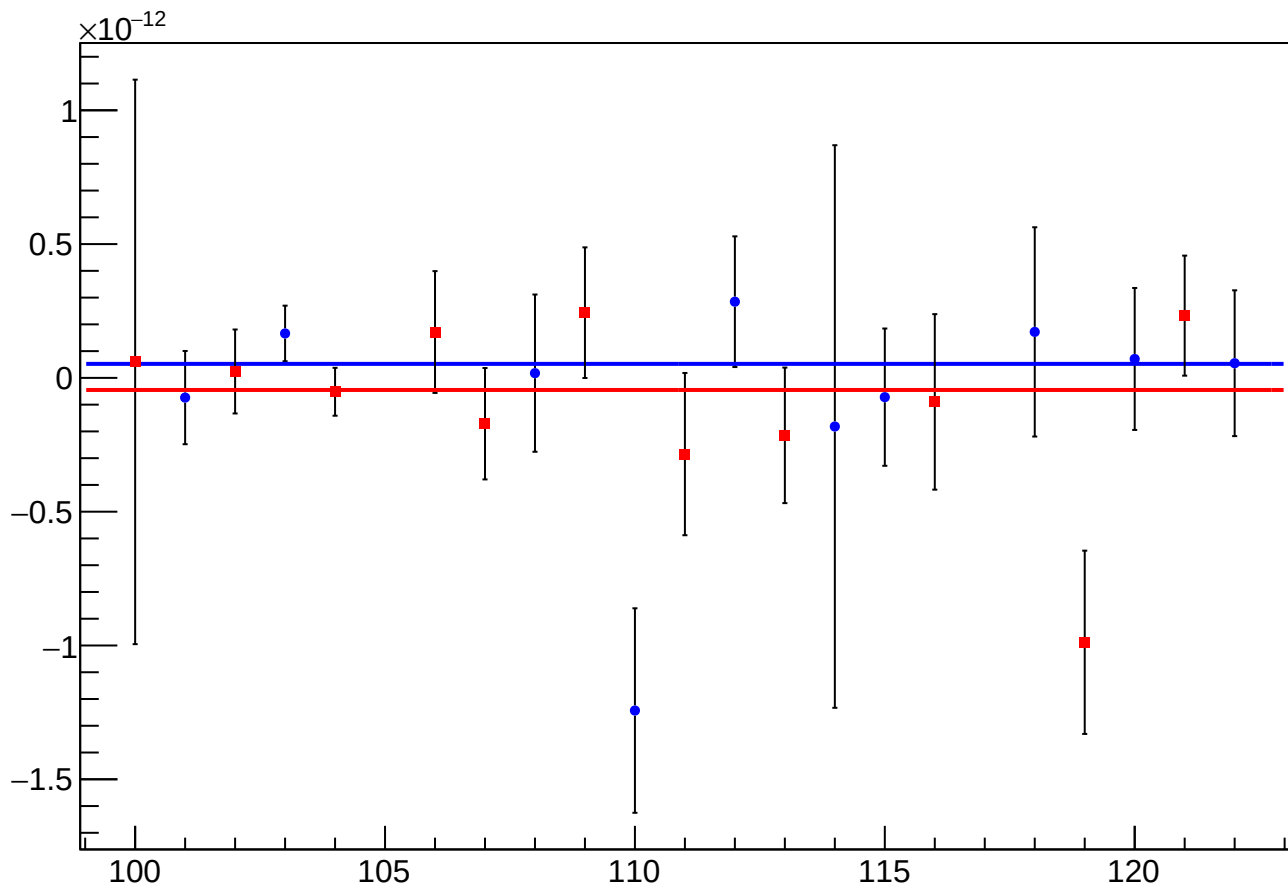
Right: 161.563+/-0.046 χ^2/NDF : 3301075.5/20

In: 180.890+/-0.071 χ^2/NDF :1206128.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 161.563+/-0.046 χ^2/NDF : 3301075.5/20

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 : 13.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

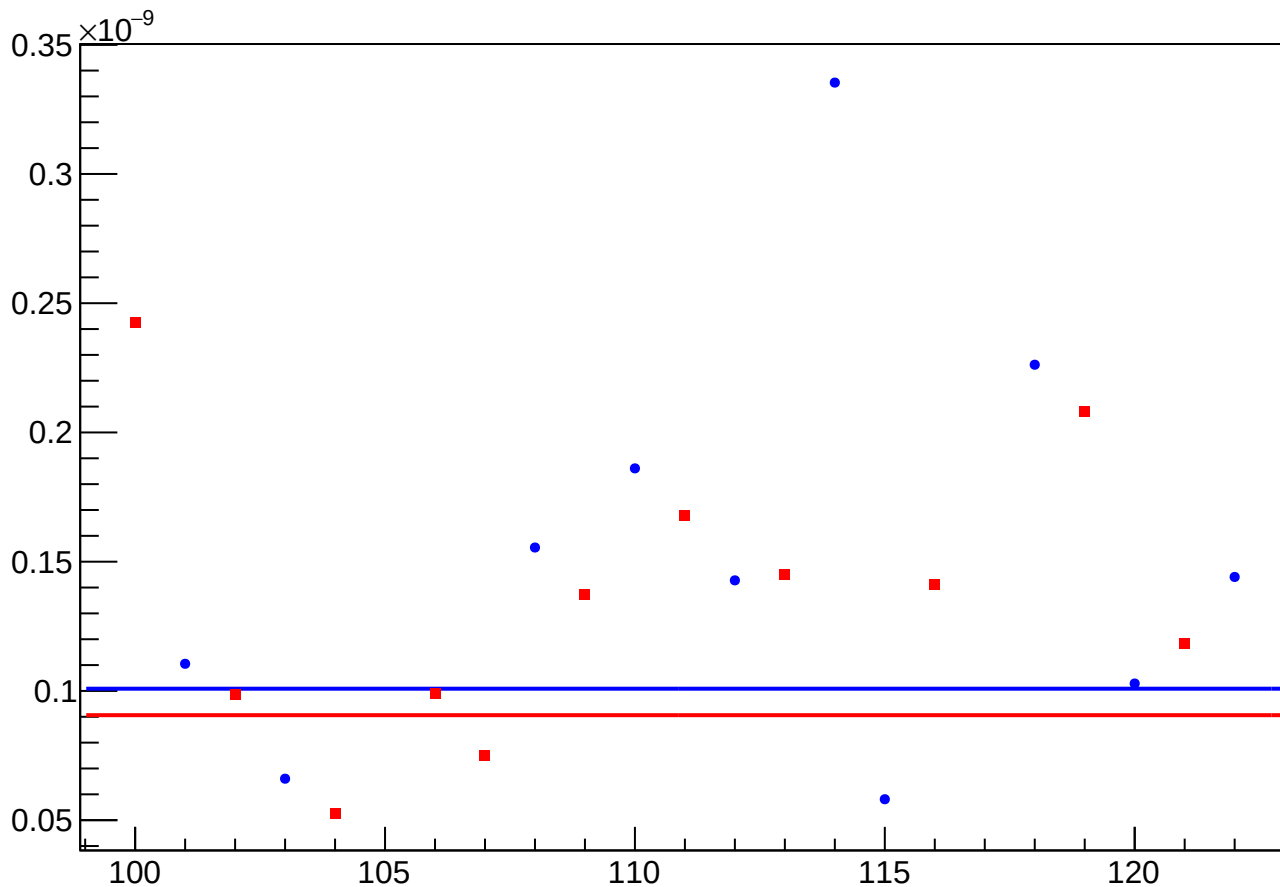
Right: -0.000+/-0.000 χ^2/NDF : 28.8/20

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 : 28.8/20

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 : 1031698.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

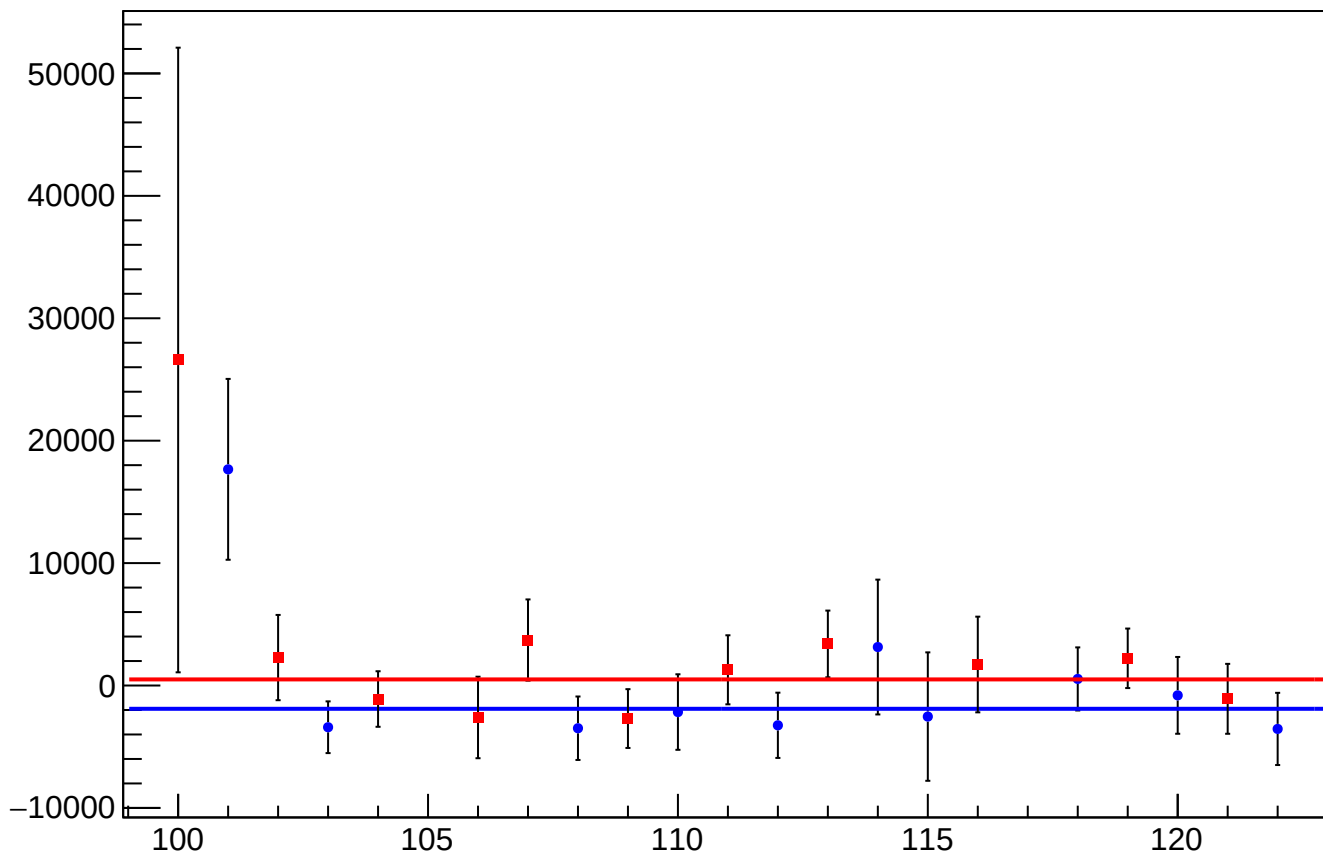
Right: 0.000+/-0.000 χ^2/NDF : 1927060.3/20

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 : 1927060.3/20

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: 498.237+/-894.240 χ^2/NDF : 7.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

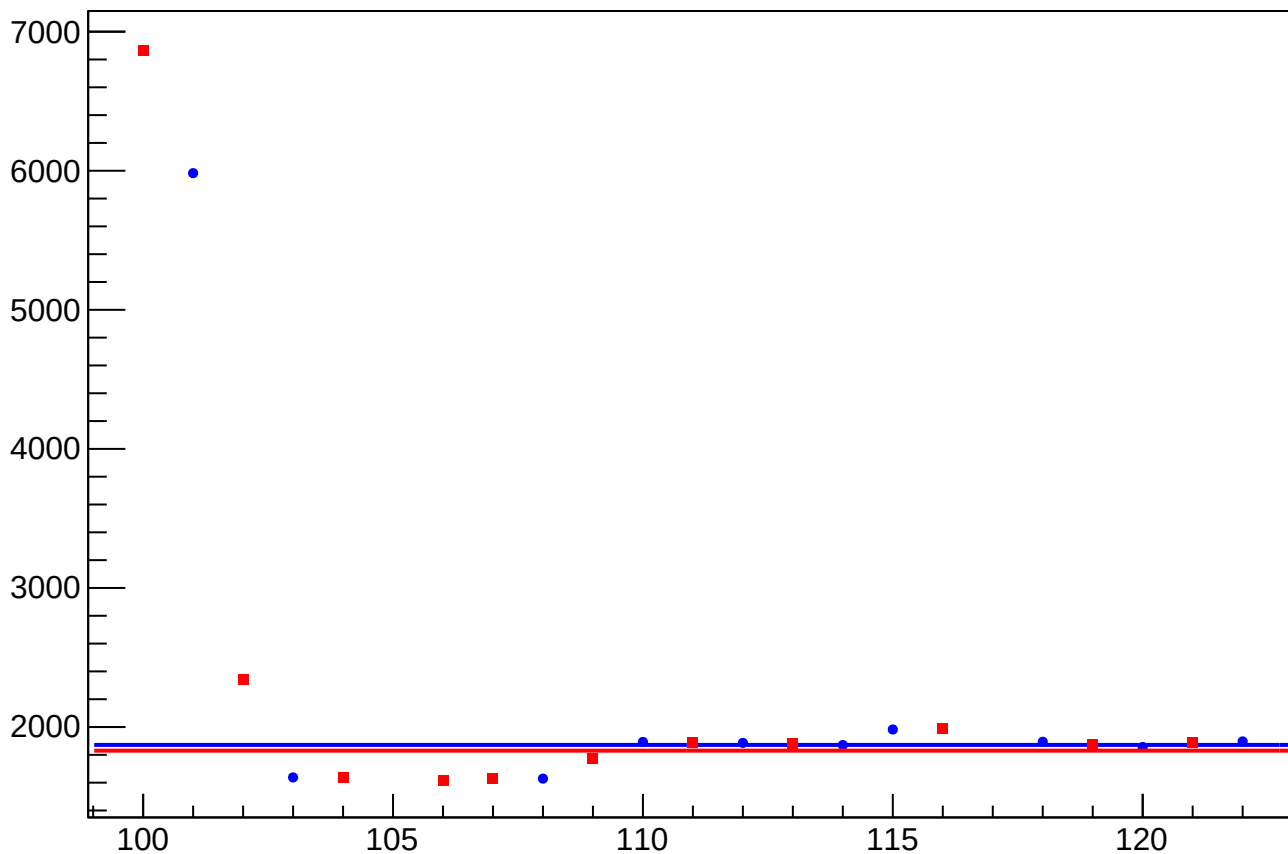
Right: -610.567+/-655.943 χ^2/NDF : 21.2/20

In: -1902.035+/-965.092 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -610.567+/-655.943 χ^2/NDF : 21.2/20

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: 1830.176+/-0.629 χ^2/NDF : 160814.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

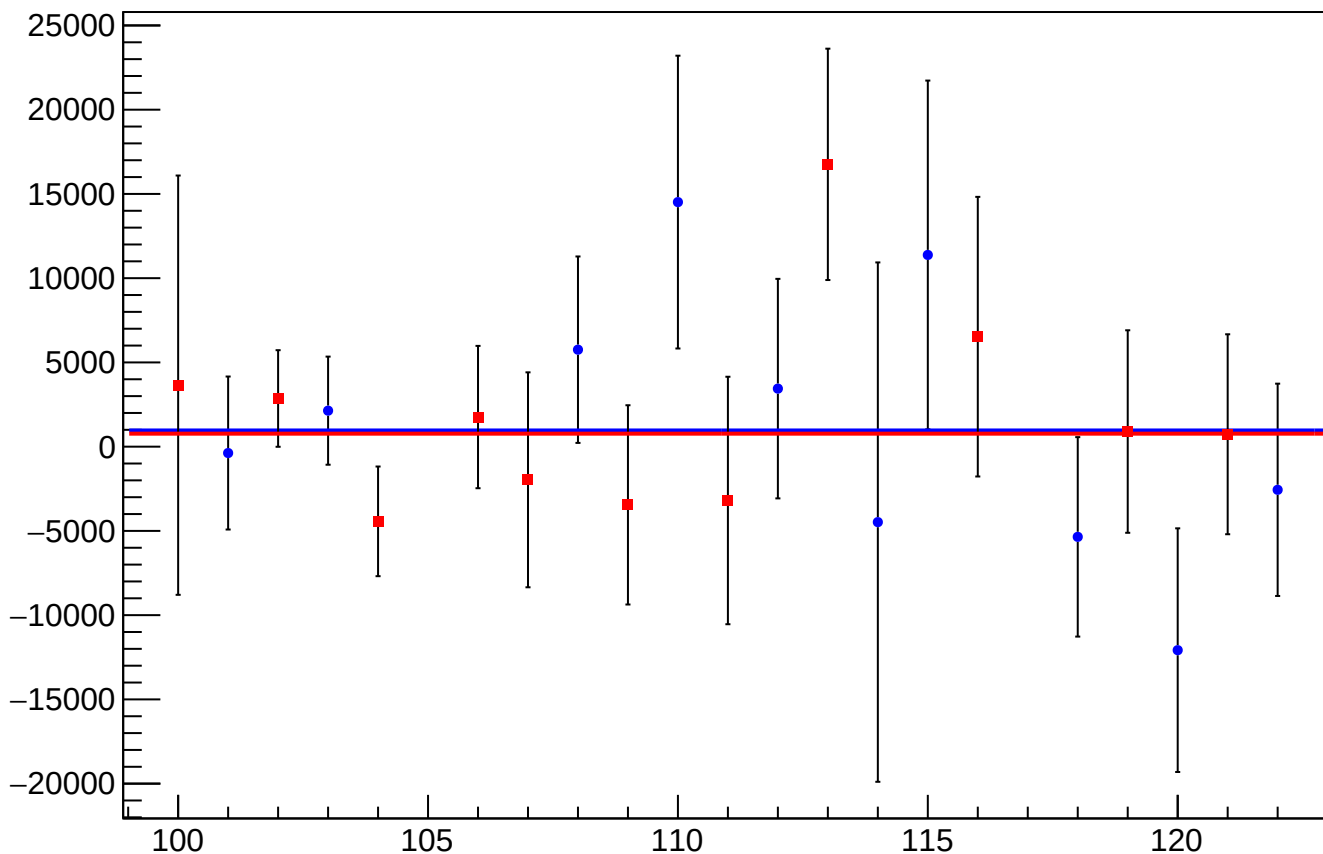
Right: 1849.085+/-0.462 χ^2/NDF : 825706.8/20

In: 1871.352+/-0.682 χ^2/NDF : 662923.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1849.085+/-0.462 χ^2/NDF : 825706.8/20

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: 771.375+/-1503.870 χ^2/NDF : 10.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

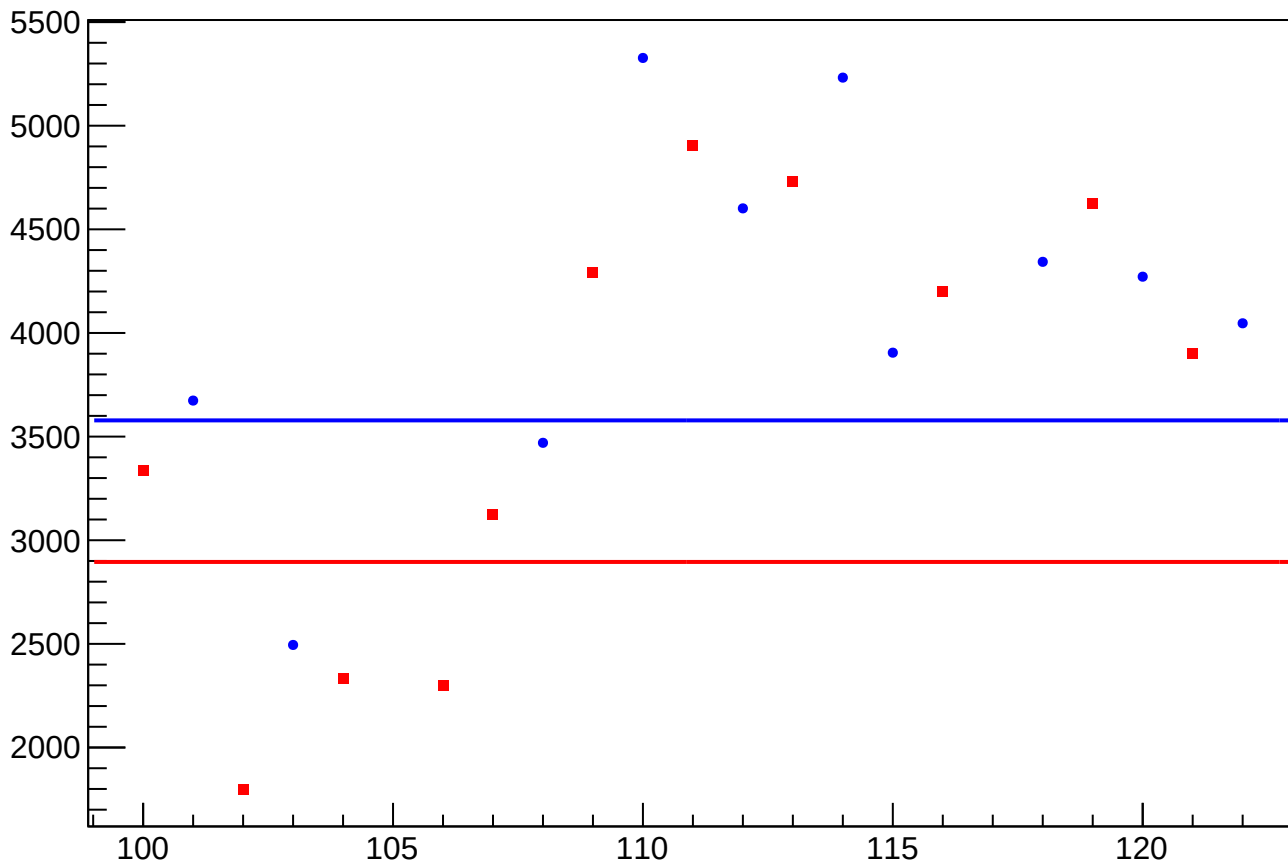
Right: 848.262+/-1159.566 χ^2/NDF : 19.5/20

In: 960.998+/-1821.015 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 848.262+/-1159.566 χ^2/NDF : 19.5/20

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: 2895.280+/-1.063 χ^2/NDF : 1074650.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

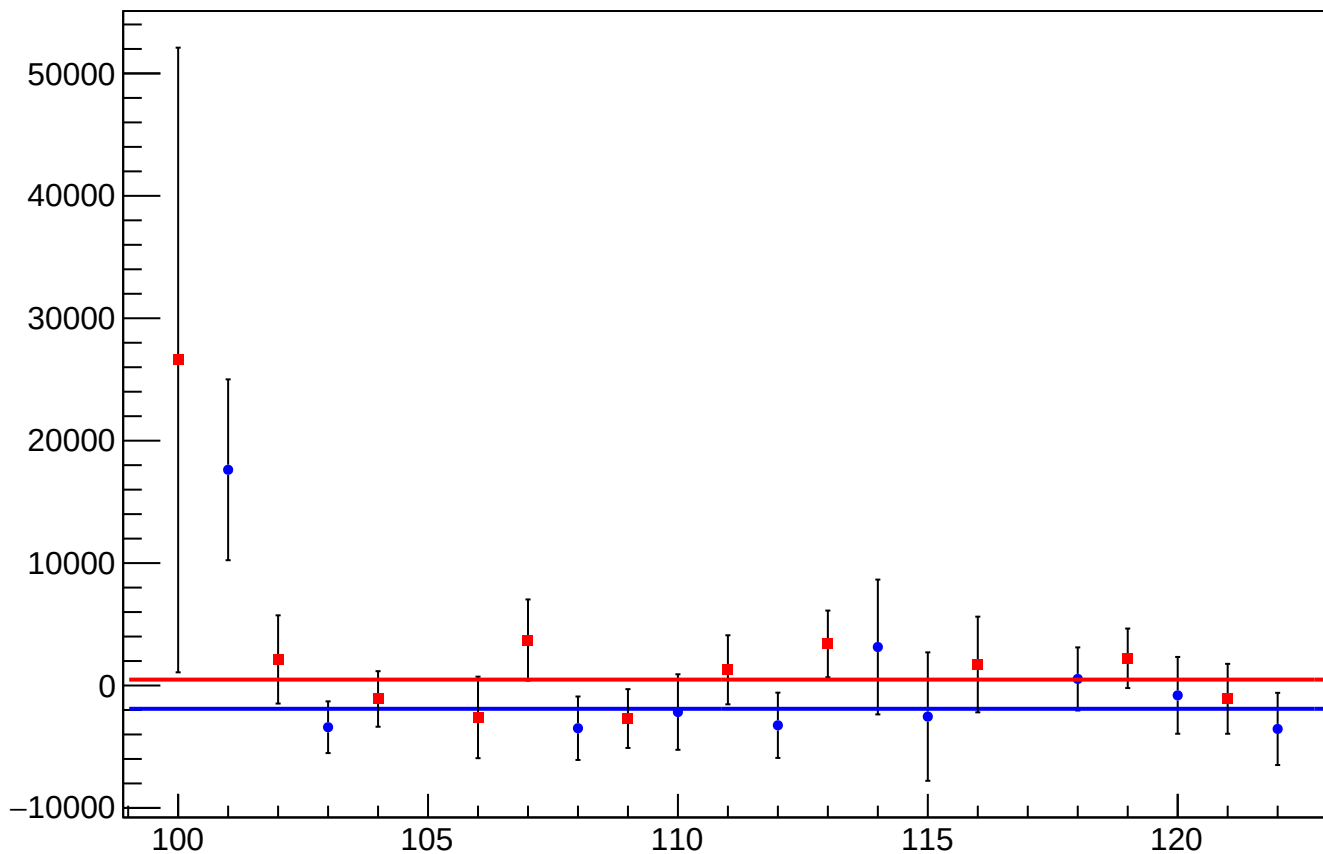
Right: 3172.207+/-0.820 χ^2/NDF : 1689831.9/20

In: 3578.250+/-1.288 χ^2/NDF :447927.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3172.207+/-0.820 χ^2/NDF : 1689831.9/20

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: 481.924+/-896.196 χ^2/NDF : 7.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

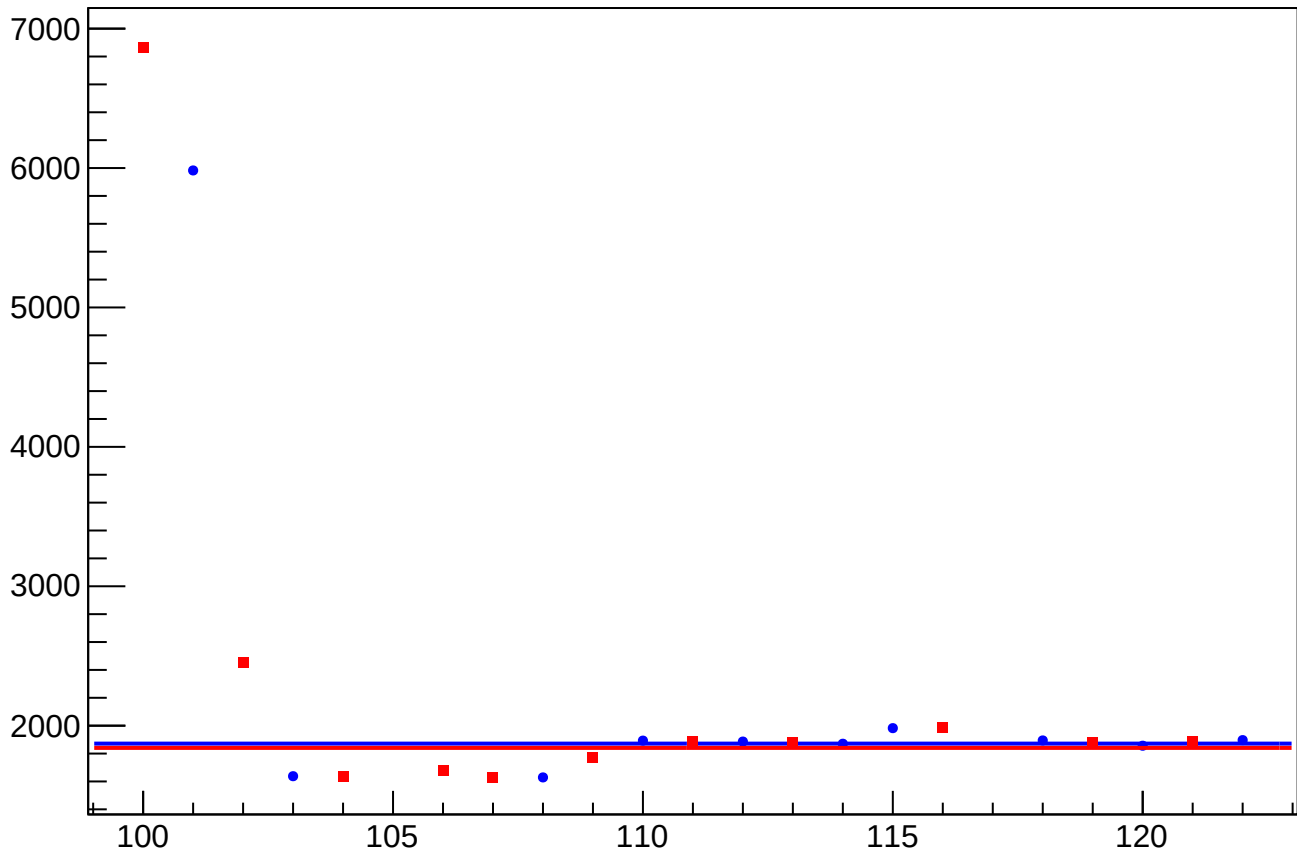
Right: -622.220+/-656.714 χ^2/NDF : 21.0/20

In: -1902.655+/-965.093 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.220+/-656.714 χ^2/NDF : 21.0/20

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: 1840.659+/-0.632 χ^2/NDF : 171994.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

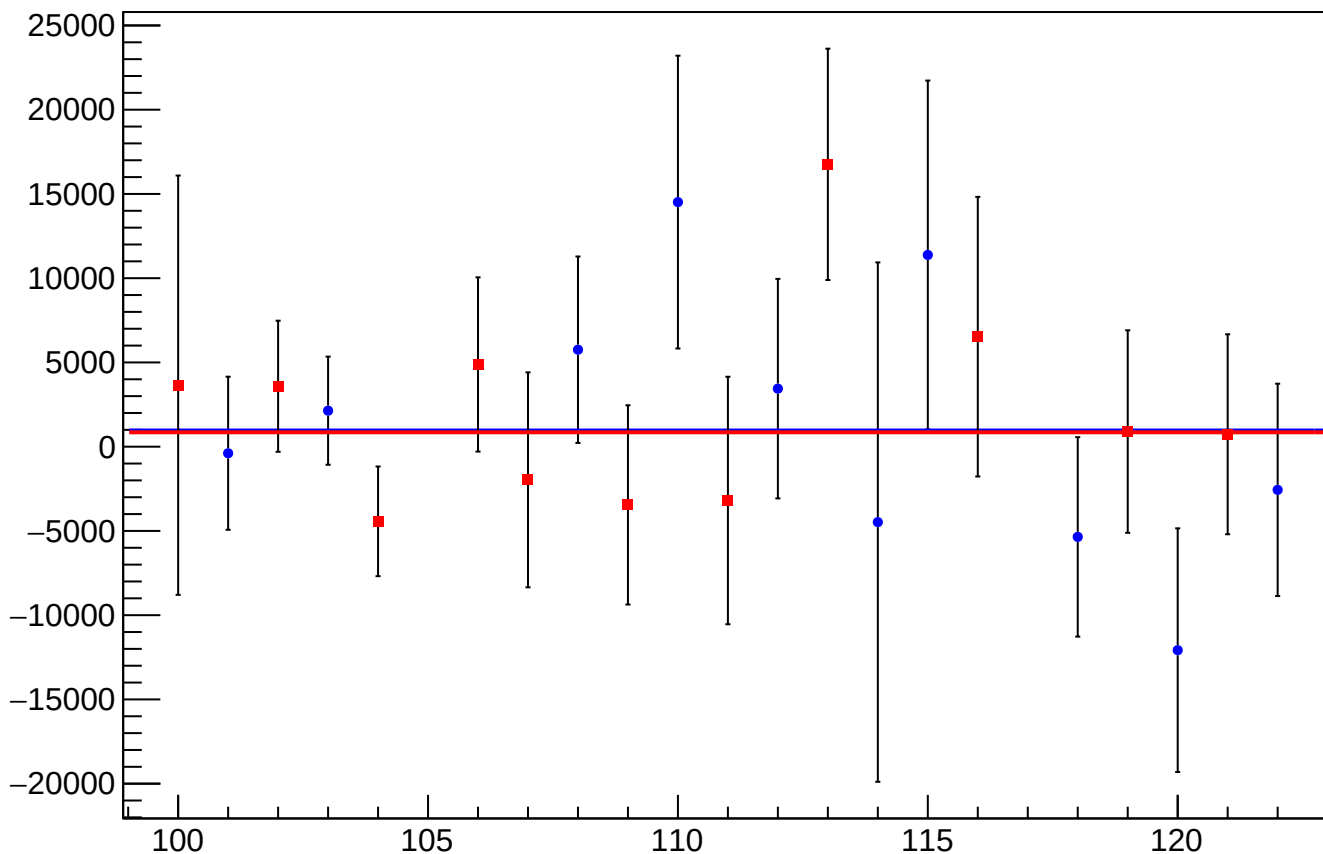
Right: 1854.833+/-0.464 χ^2/NDF : 836006.4/20

In: 1871.352+/-0.682 χ^2/NDF : 662923.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1854.833+/-0.464 χ^2/NDF : 836006.4/20

asym_atr_dd_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: 854.273+/-1648.665 χ^2/NDF : 10.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

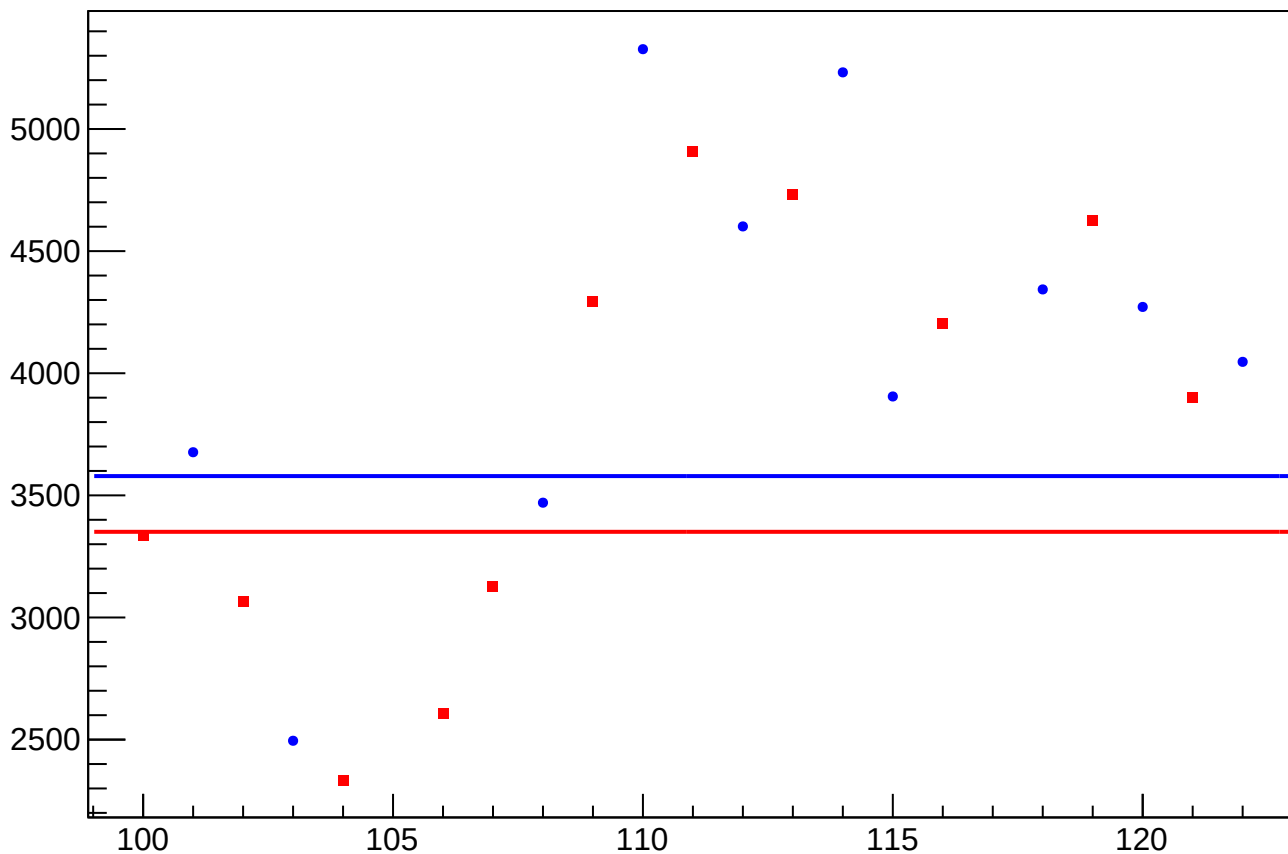
Right: 901.468+/-1222.281 χ^2/NDF : 20.0/20

In: 959.068+/-1821.337 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.468+/-1222.281 χ^2/NDF : 20.0/20

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: 3350.768+/-1.166 χ^2/NDF : 598950.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

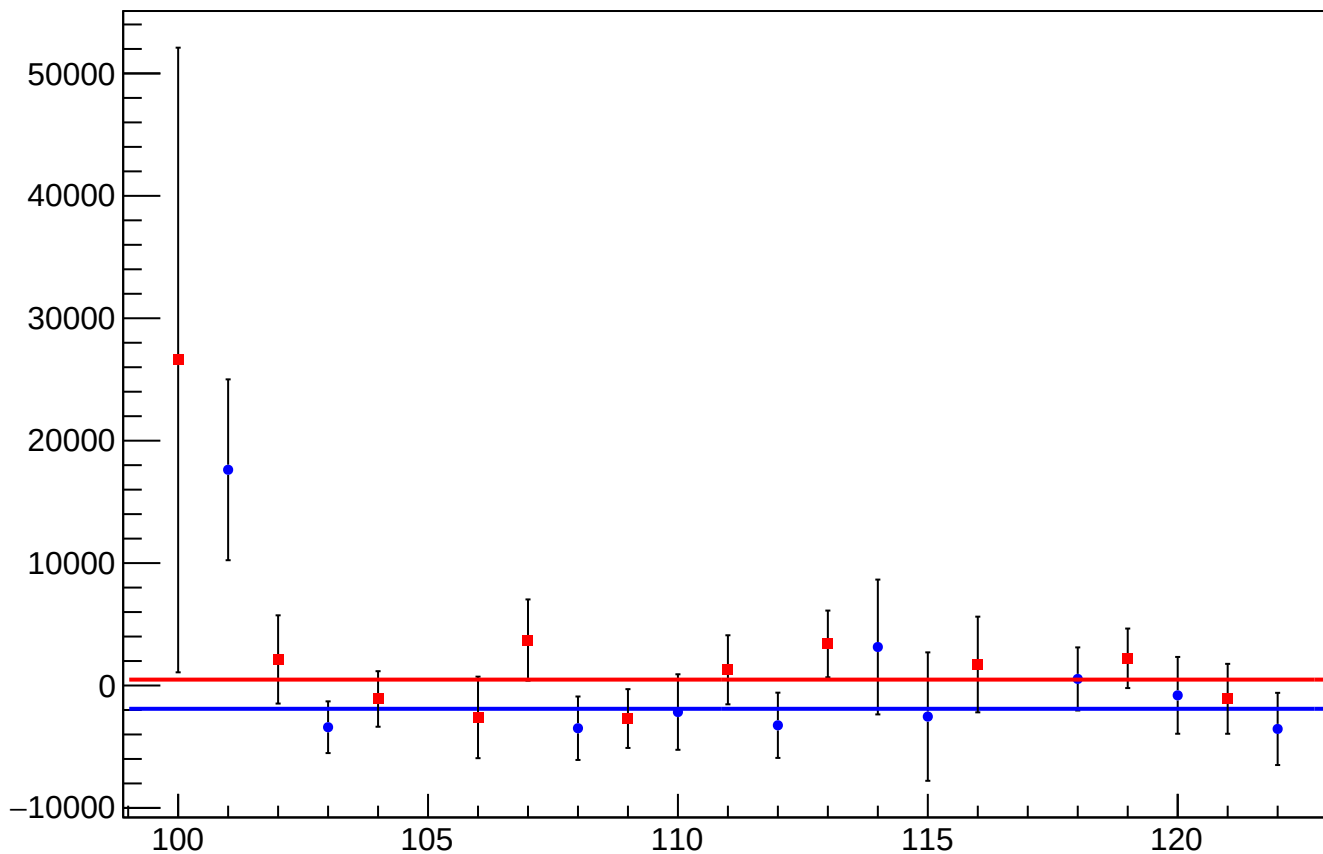
Right: 3453.535+/-0.864 χ^2/NDF : 1063899.6/20

In: 3578.955+/-1.288 χ^2/NDF : 447694.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3453.535+/-0.864 χ^2/NDF : 1063899.6/20

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: 481.924+/-896.196 χ^2/NDF : 7.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

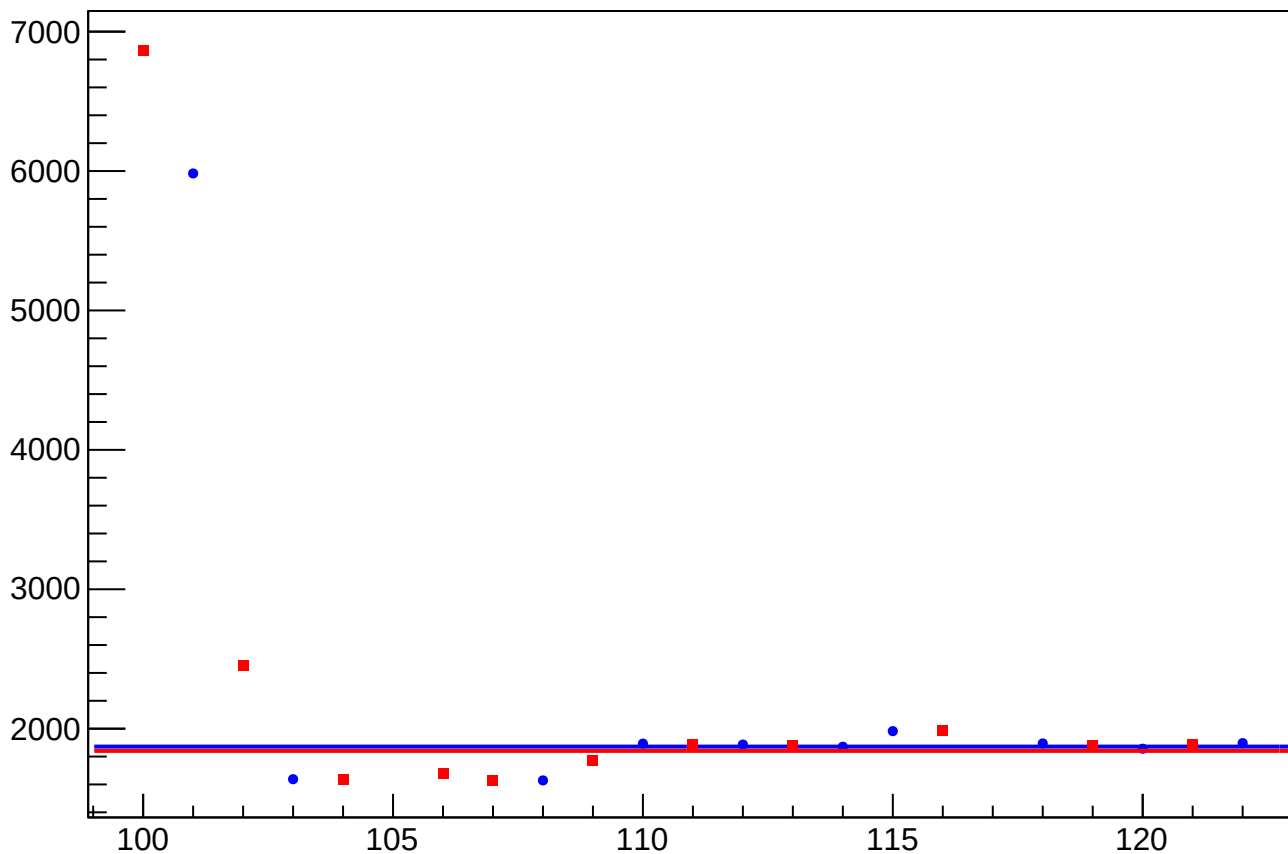
Right: -622.220+/-656.714 χ^2/NDF : 21.0/20

In: -1902.655+/-965.093 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.220+/-656.714 χ^2/NDF : 21.0/20

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: 1840.659+/-0.632 χ^2/NDF : 171994.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

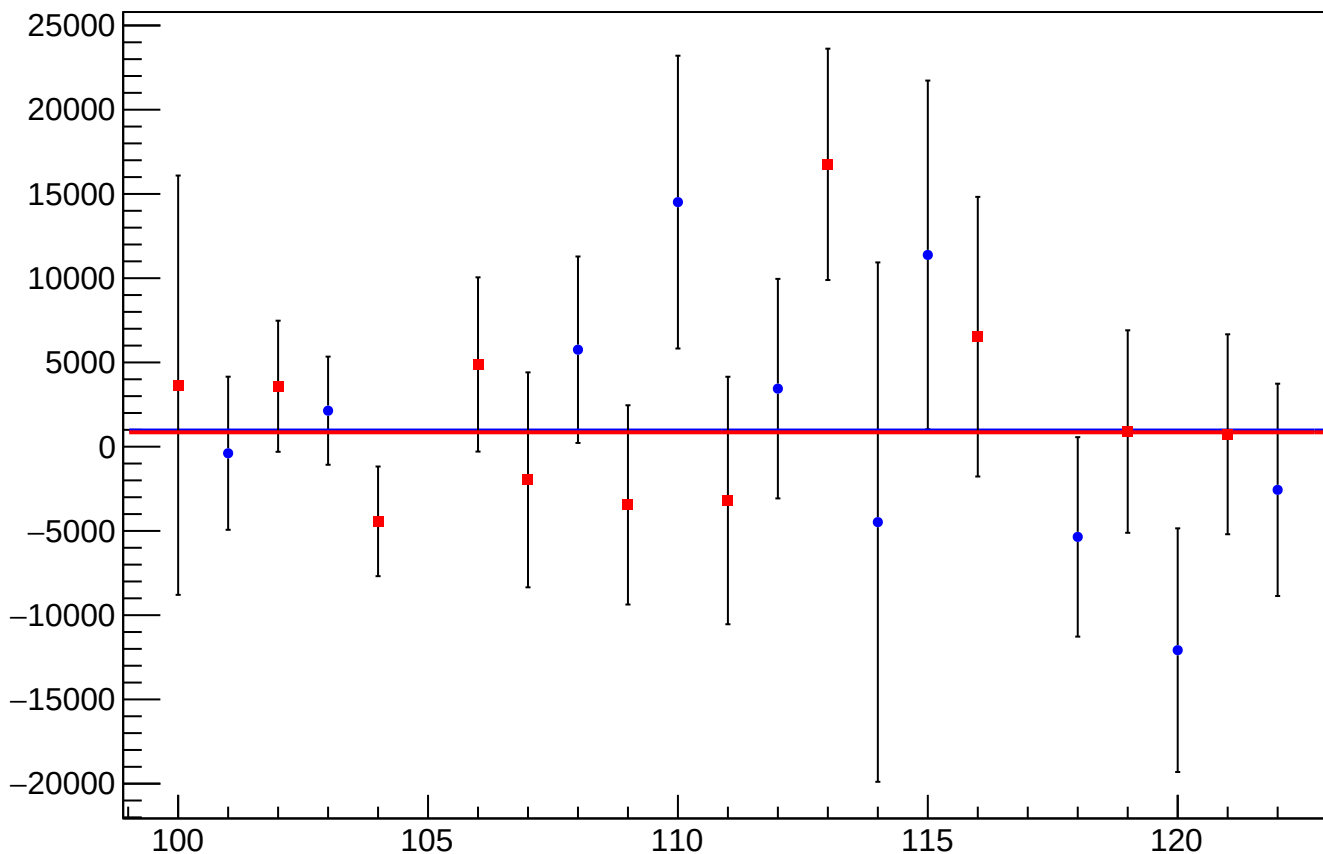
Right: 1854.833+/-0.464 χ^2/NDF : 836006.4/20

In: 1871.352+/-0.682 χ^2/NDF : 662923.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1854.833+/-0.464 χ^2/NDF : 836006.4/20

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: 854.273+/-1648.665 χ^2/NDF : 10.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

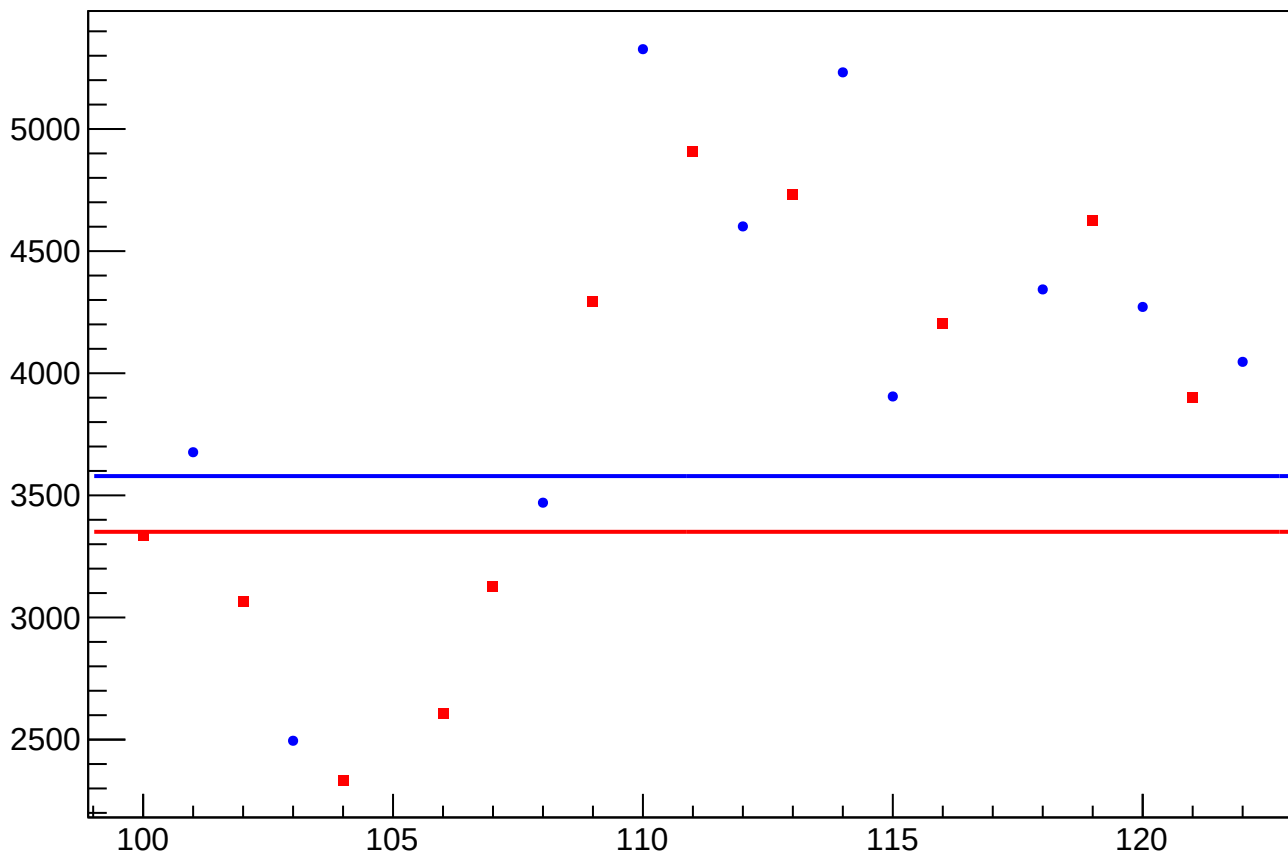
Right: 901.468+/-1222.281 χ^2/NDF : 20.0/20

In: 959.068+/-1821.337 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.468+/-1222.281 χ^2/NDF : 20.0/20

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: 3350.768+/-1.166 χ^2/NDF : 598950.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

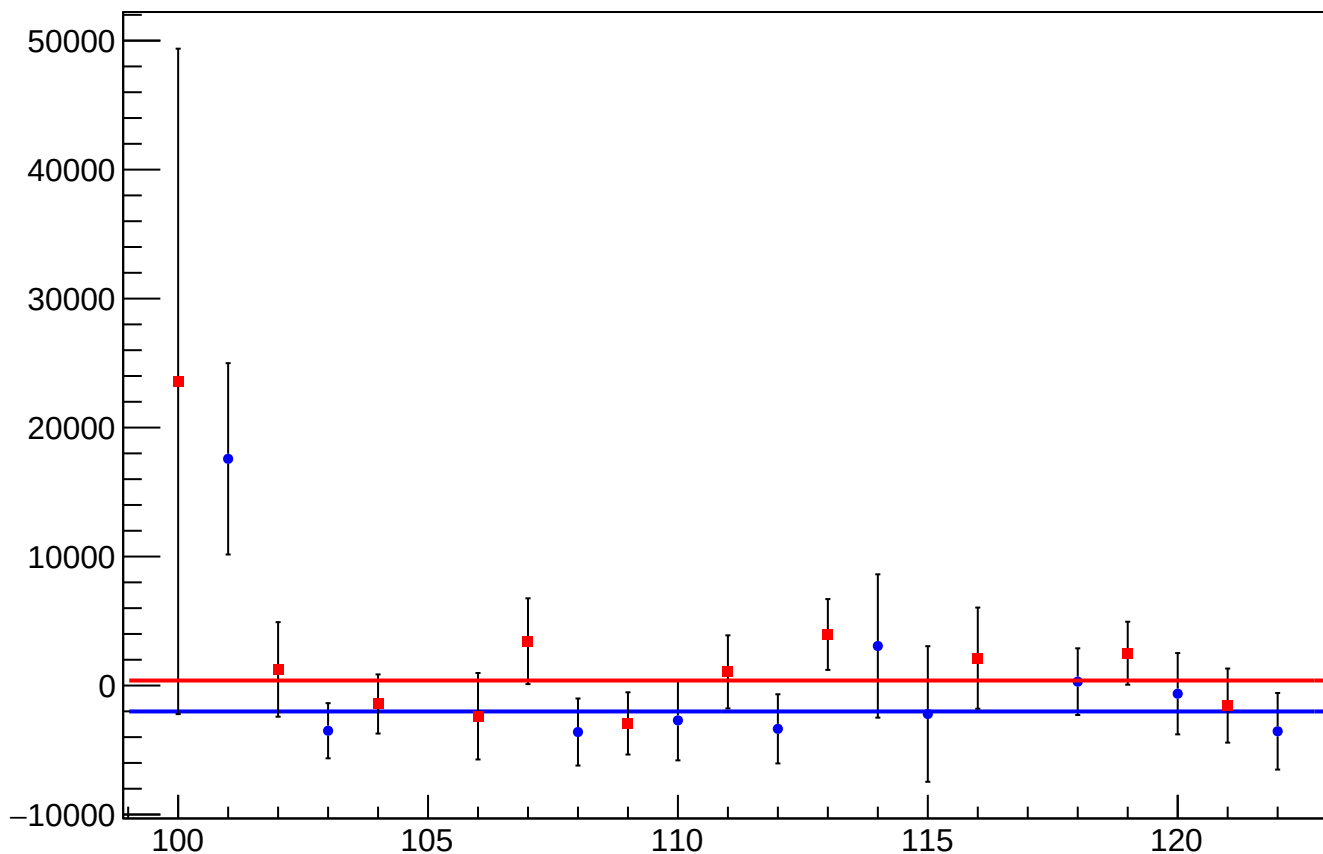
Right: 3453.535+/-0.864 χ^2/NDF : 1063899.6/20

In: 3578.955+/-1.288 χ^2/NDF : 447694.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3453.535+/-0.864 χ^2/NDF : 1063899.6/20

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2088.446+/-971.033 χ^2/NDF : 10.2/9

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

Right Out: 390.007+/-902.126 χ^2/NDF : 8.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

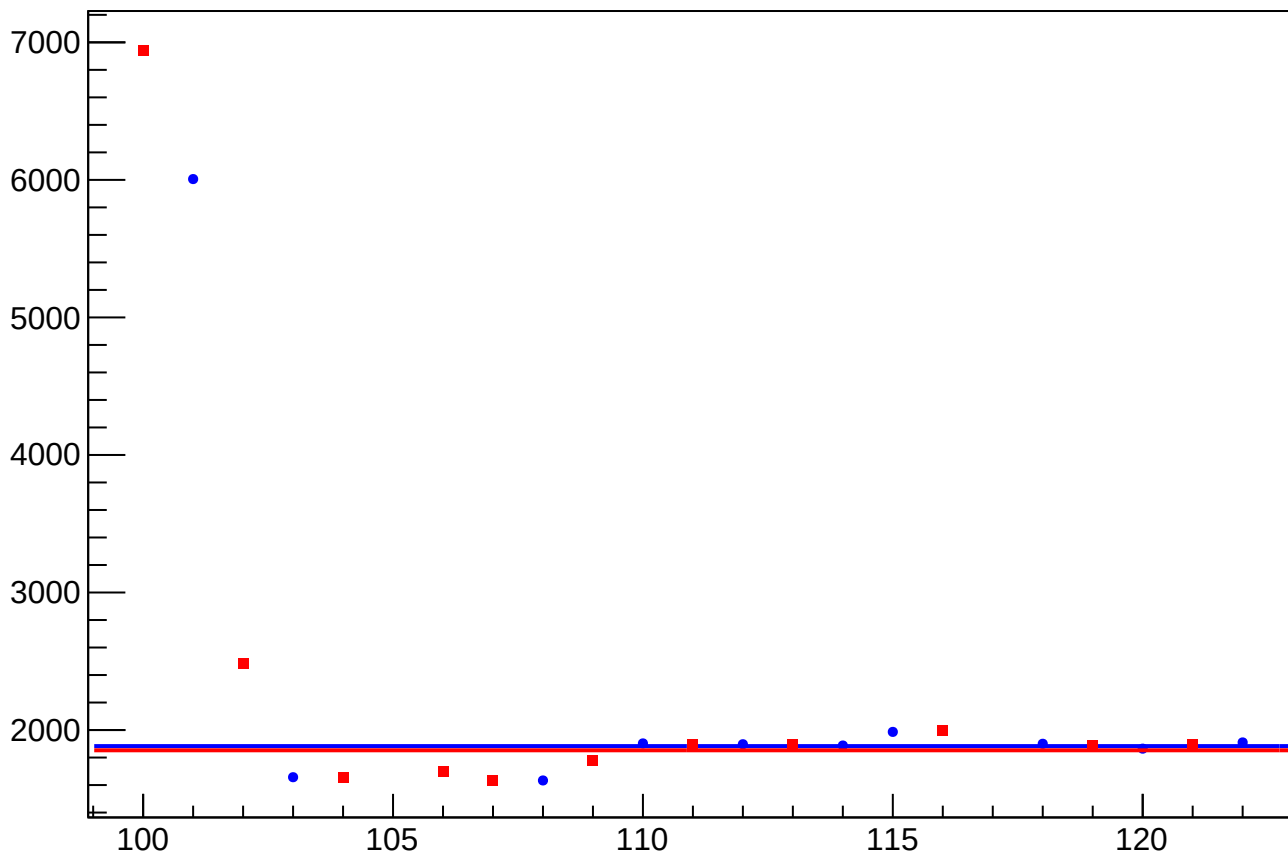
Right: -721.108+/-660.919 χ^2/NDF : 21.6/20

In: -2088.446+/-971.033 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -721.108+/-660.919 χ^2/NDF : 21.6/20

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: 1852.726+/-0.637 χ^2/NDF : 171501.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

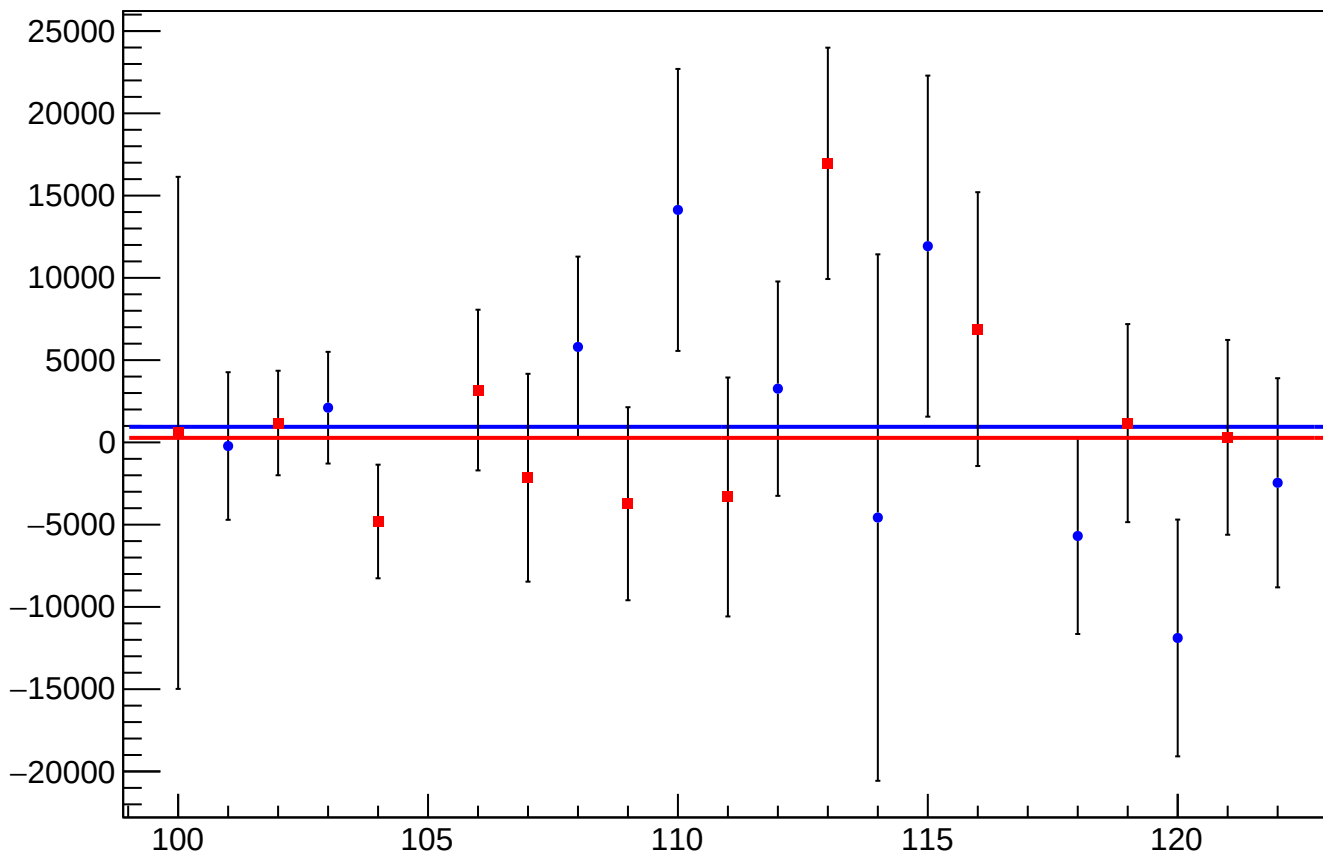
Right: 1866.819+/-0.467 χ^2/NDF : 832733.1/20

In: 1883.203+/-0.687 χ^2/NDF : 660172.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1866.819+/-0.467 χ^2/NDF : 832733.1/20

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 945.635+/-1849.620 χ^2/NDF : 9.4/9

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

Right Out: 274.528+/-1595.224 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

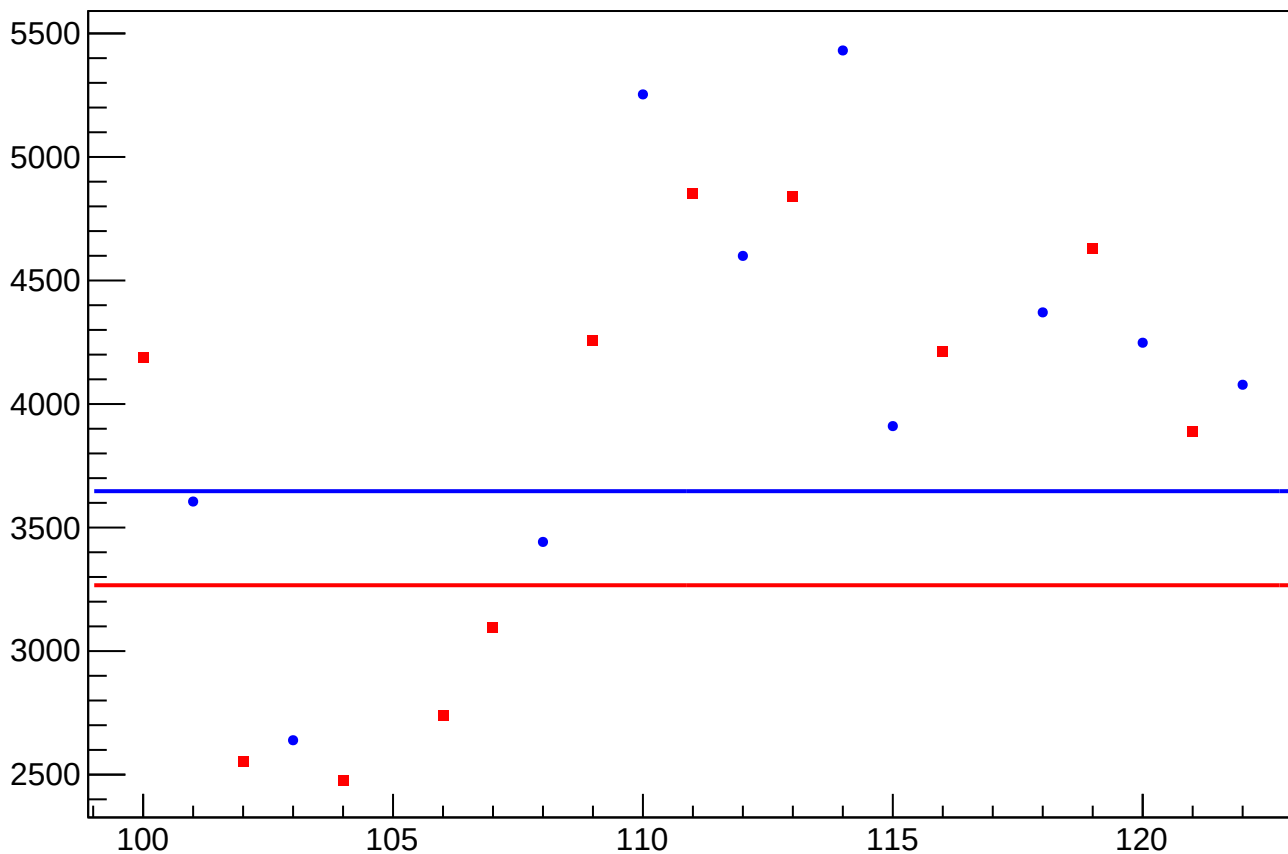
Right: 560.790+/-1208.004 χ^2/NDF : 19.2/20

In: 945.635+/-1849.620 χ^2/NDF :9.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 560.790+/-1208.004 χ^2/NDF : 19.2/20

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: 3266.535+/-1.128 χ^2/NDF : 640415.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

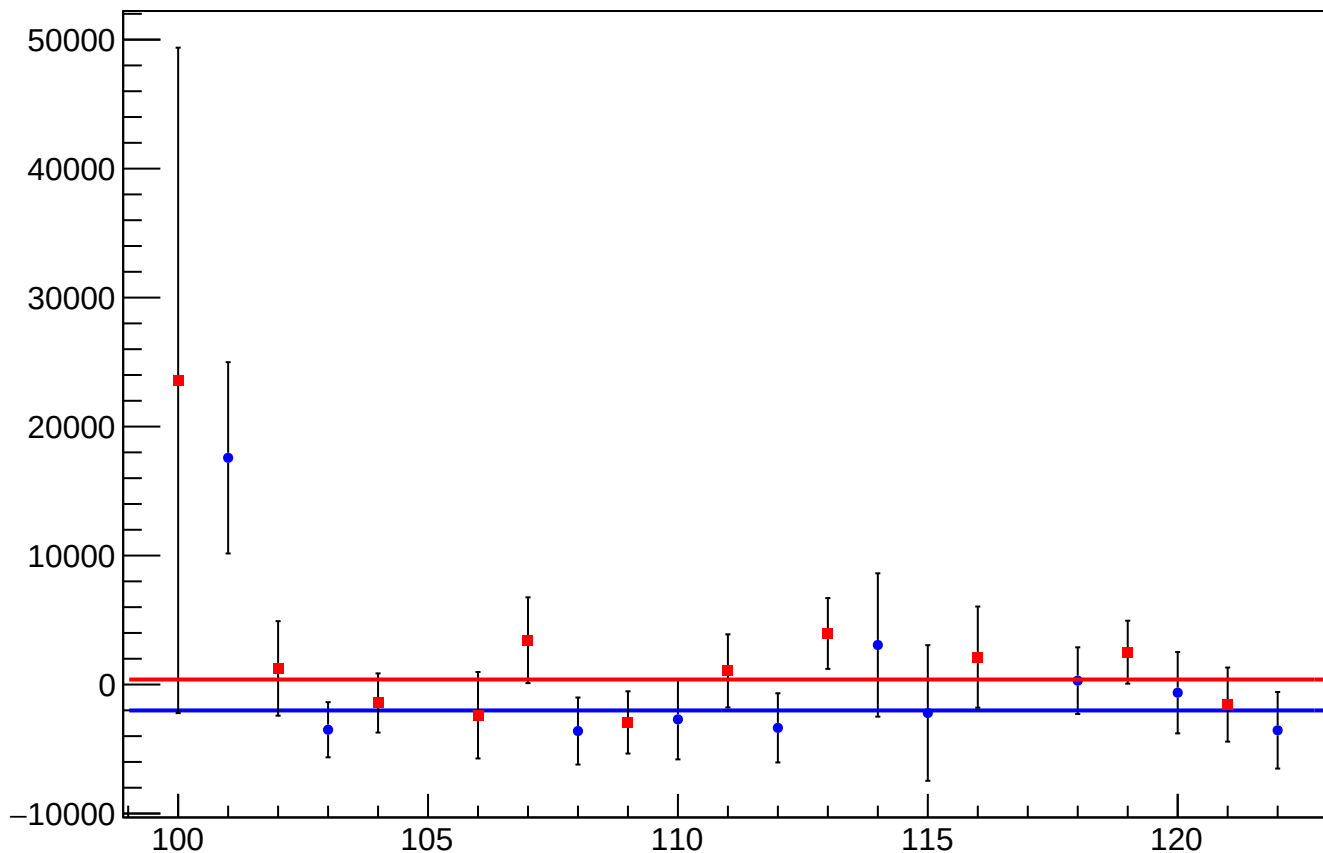
Right: 3428.943+/-0.854 χ^2/NDF : 1060156.3/20

In: 3647.281+/-1.308 χ^2/NDF : 371141.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3428.943+/-0.854 χ^2/NDF : 1060156.3/20

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: 390.002+/-902.126 χ^2/NDF : 8.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

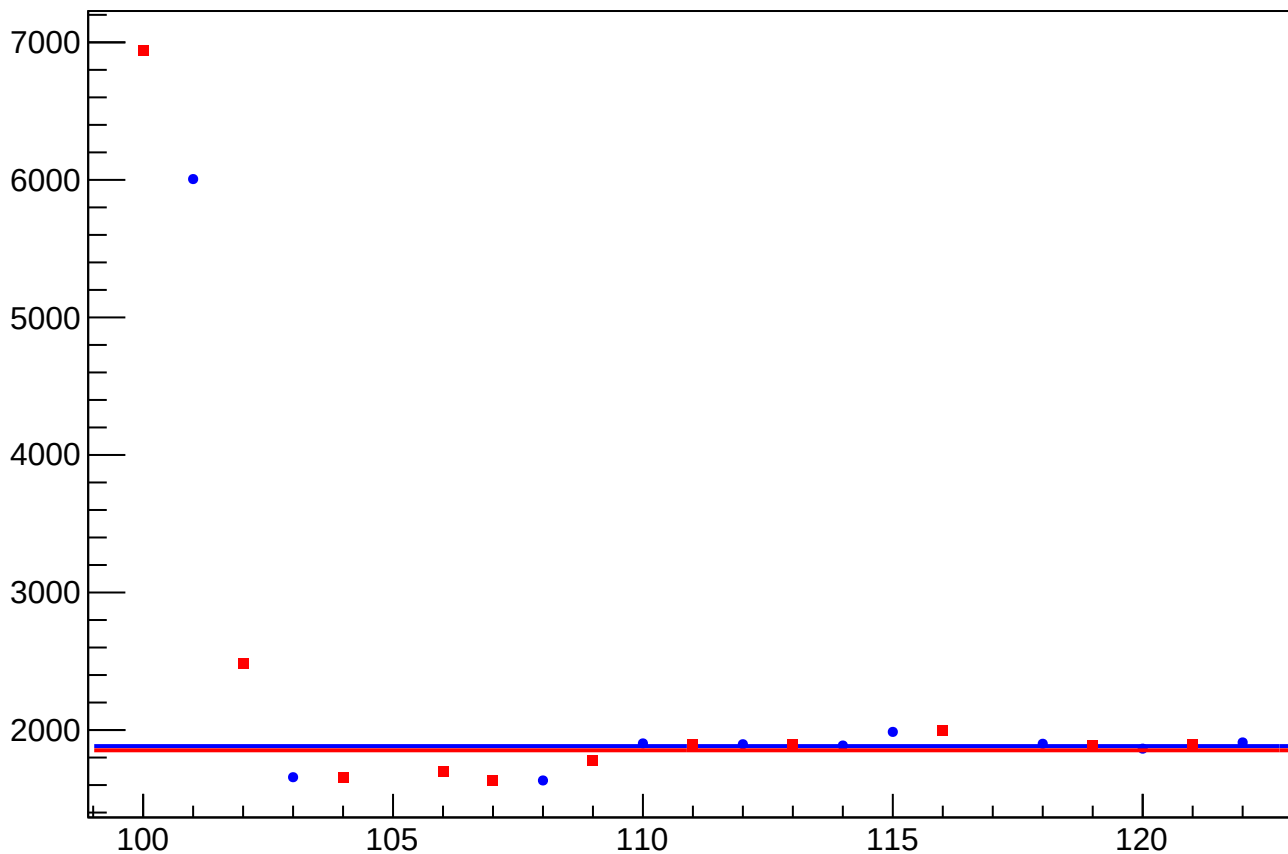
Right: -721.109+/-660.919 χ^2/NDF : 21.6/20

In: -2008.441+/-971.033 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -721.109+/-660.919 χ^2/NDF : 21.6/20

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: 1852.726+/-0.637 χ^2/NDF : 171501.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

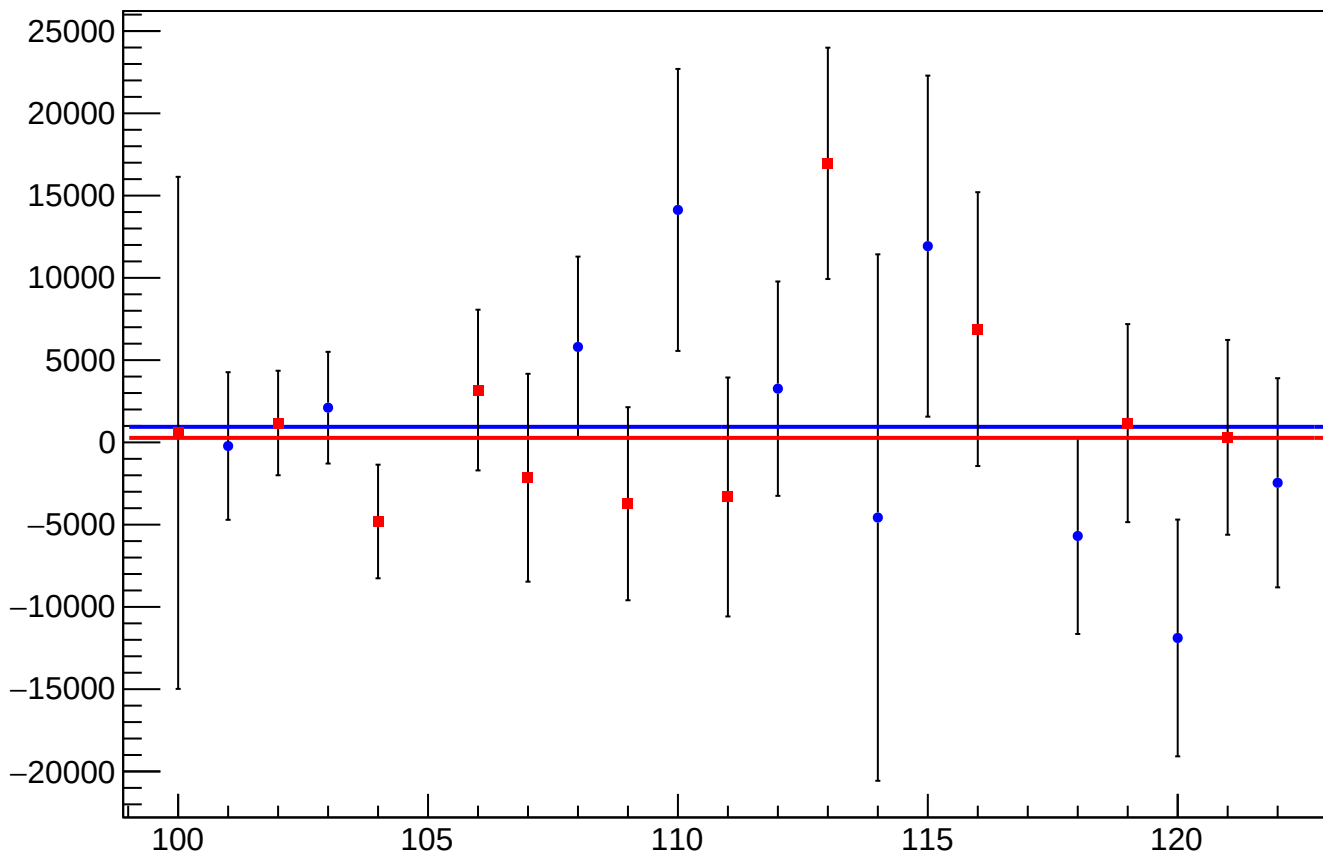
Right: 1866.819+/-0.467 χ^2/NDF : 832733.1/20

In: 1883.203+/-0.687 χ^2/NDF : 660172.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1866.819+/-0.467 χ^2/NDF : 832733.1/20

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: 274.527+/-1595.221 χ^2/NDF : 9.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

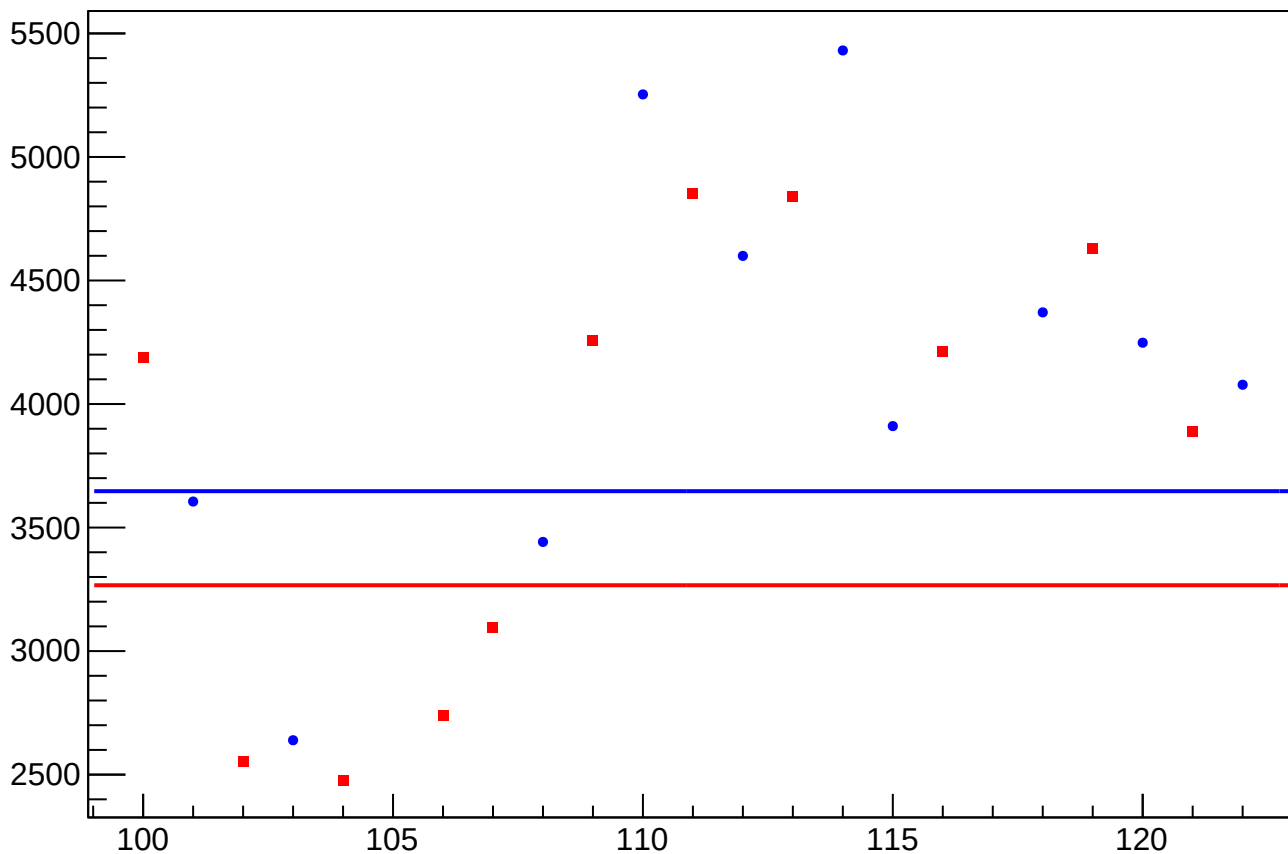
Right: 560.788+/-1208.003 χ^2/NDF : 19.2/20

In: 945.630+/-1849.617 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.788+/-1208.003 χ^2/NDF : 19.2/20

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: 3266.531+/-1.128 χ^2/NDF : 640410.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

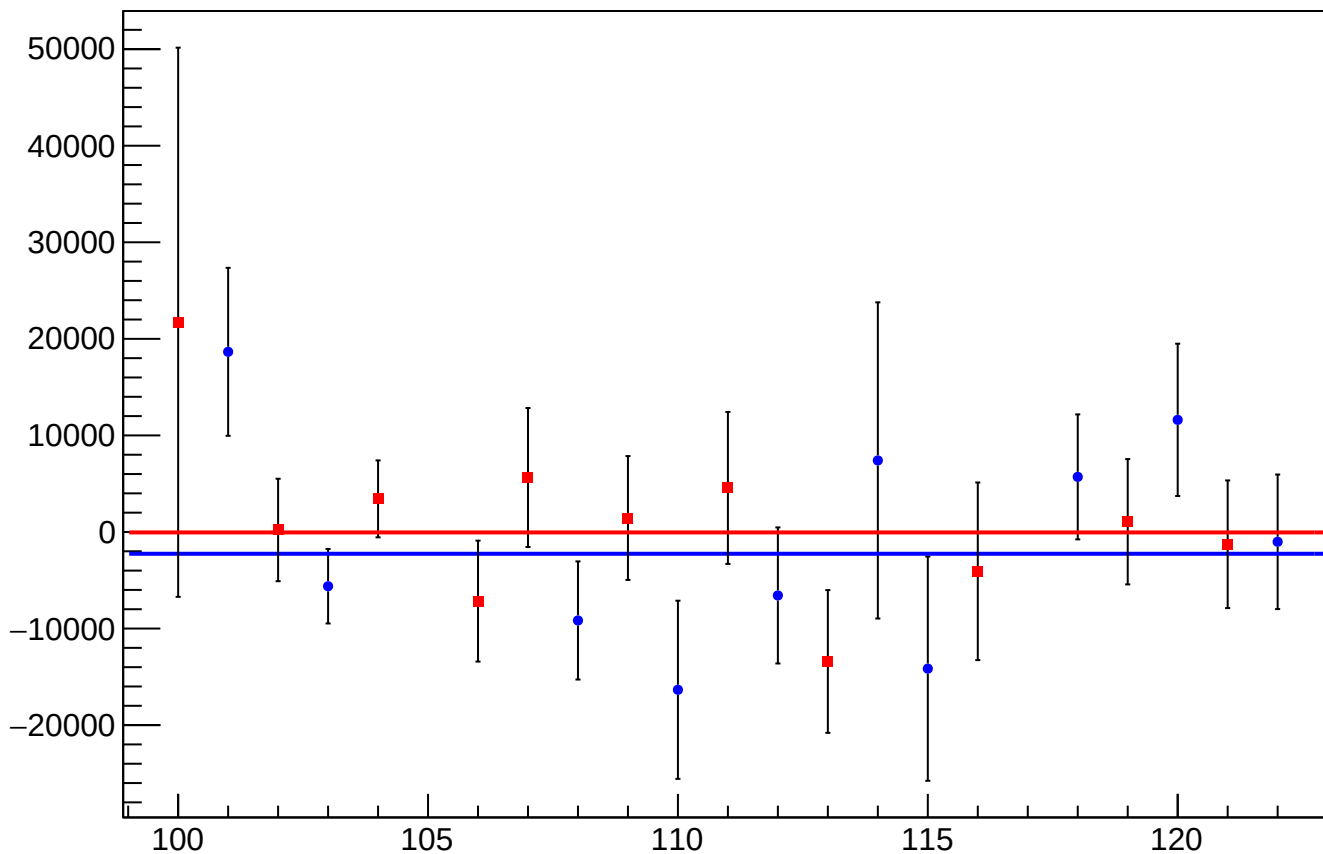
Right: 3428.939+/-0.854 χ^2/NDF : 1060147.3/20

In: 3647.276+/-1.308 χ^2/NDF : 371137.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3428.939+/-0.854 χ^2/NDF : 1060147.3/20

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: -46.704+/-1954.452 χ^2/NDF : 7.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

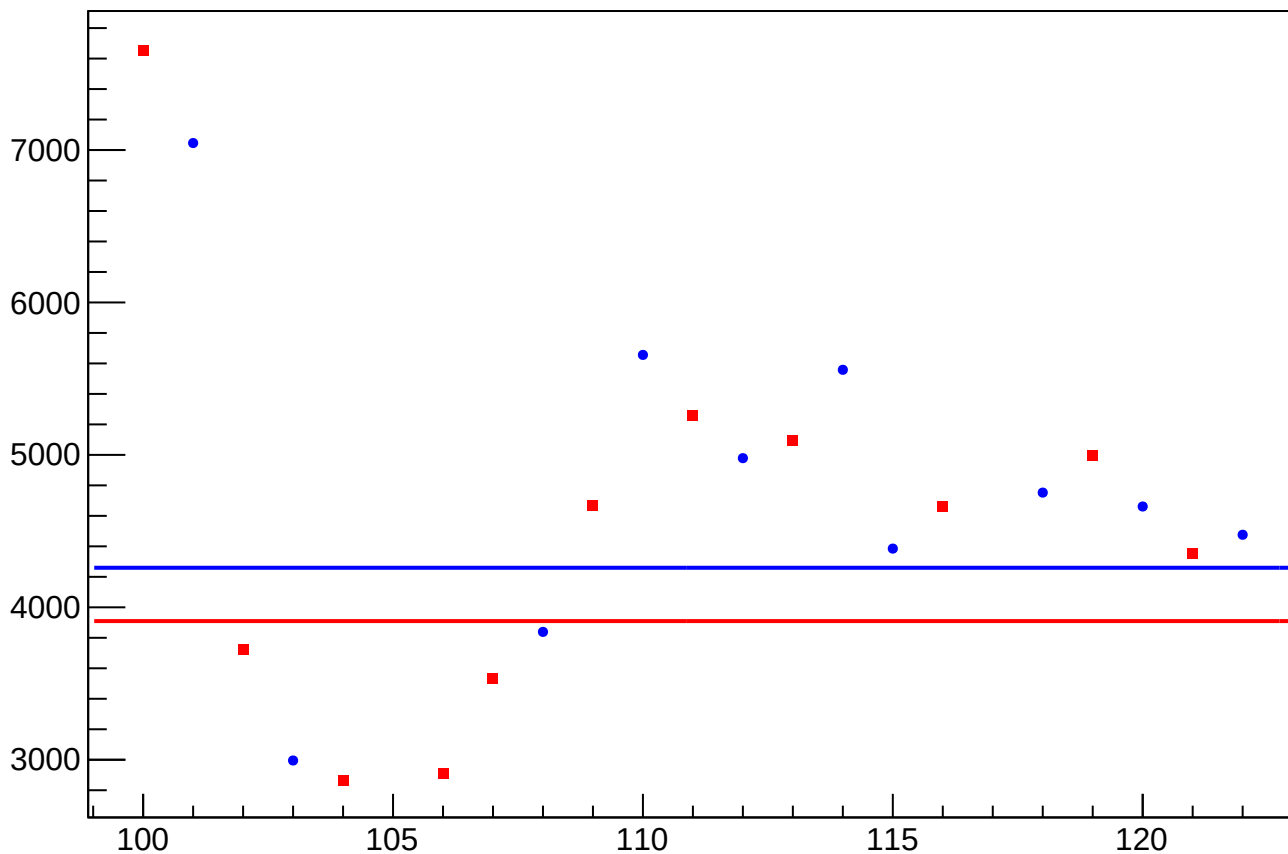
Right: -1032.214+/-1454.723 χ^2/NDF : 24.3/20

In: -2256.370+/-2178.278 χ^2/NDF : 16.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1032.214+/-1454.723 χ^2/NDF : 24.3/20

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: 3909.682+/-1.366 χ^2/NDF : 460410.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

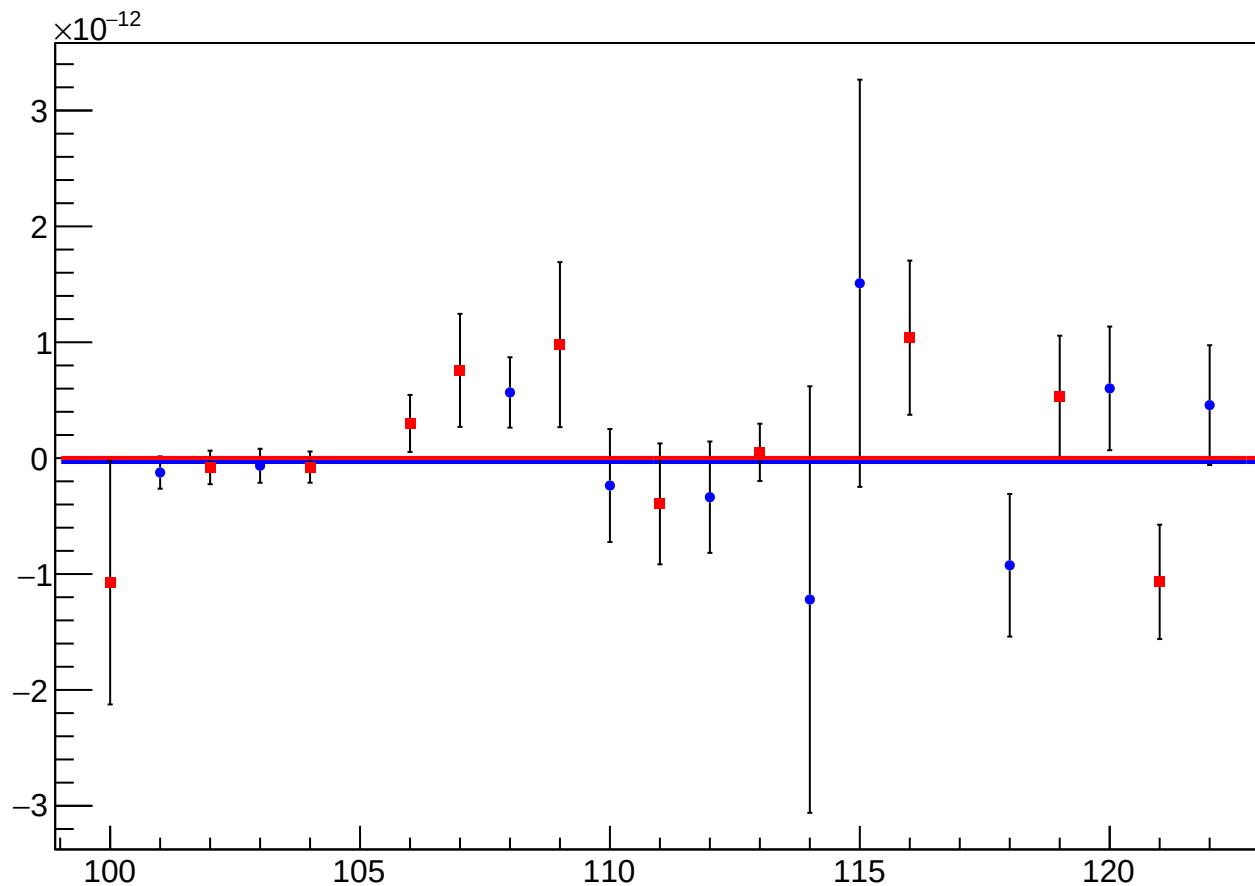
Right: 4063.680+/-1.022 χ^2/NDF : 1017122.8/20

In: 4259.554+/-1.540 χ^2/NDF : 527826.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4063.680+/-1.022 χ^2/NDF : 1017122.8/20

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 : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

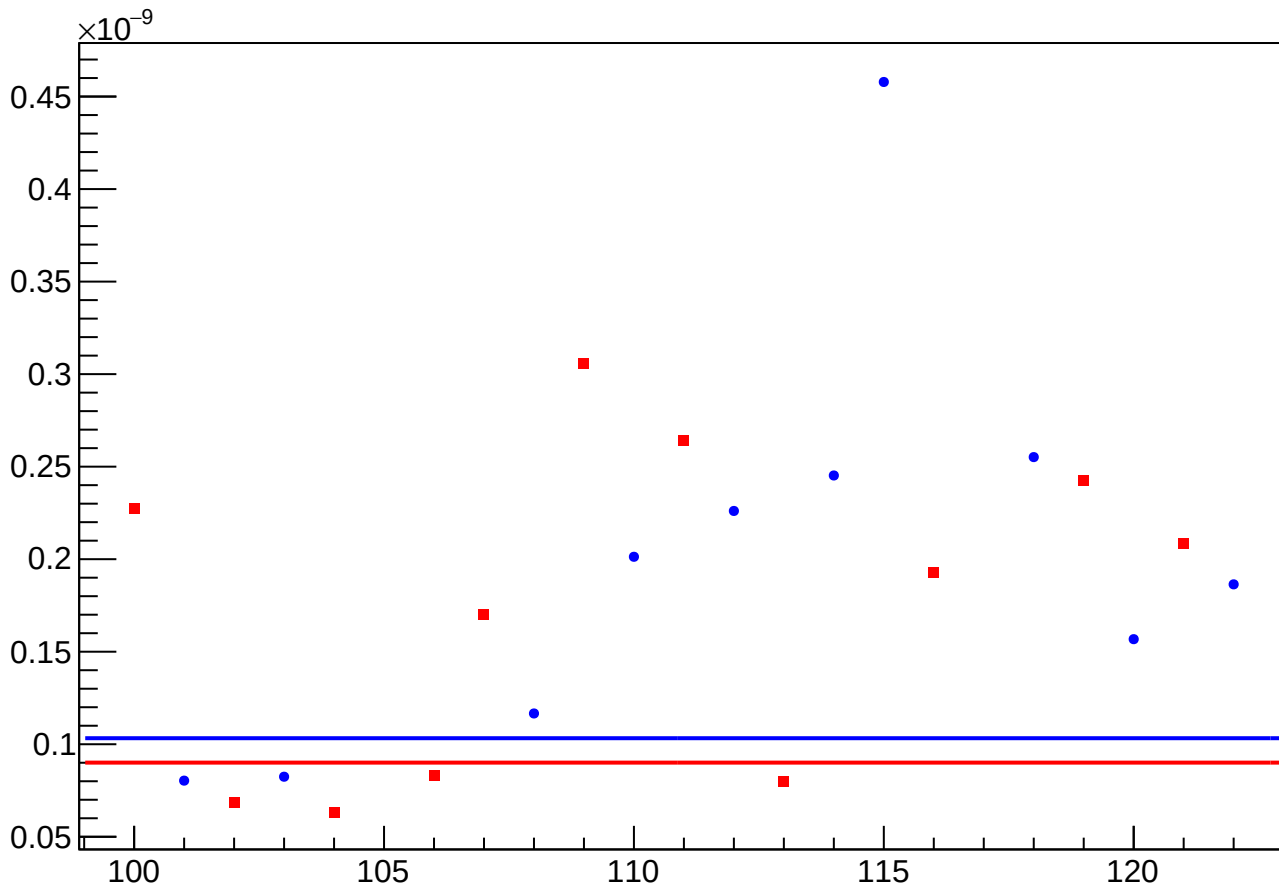
Right: -0.000+/-0.000 χ^2/NDF : 26.9/20

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 : 26.9/20

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 : 956940.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

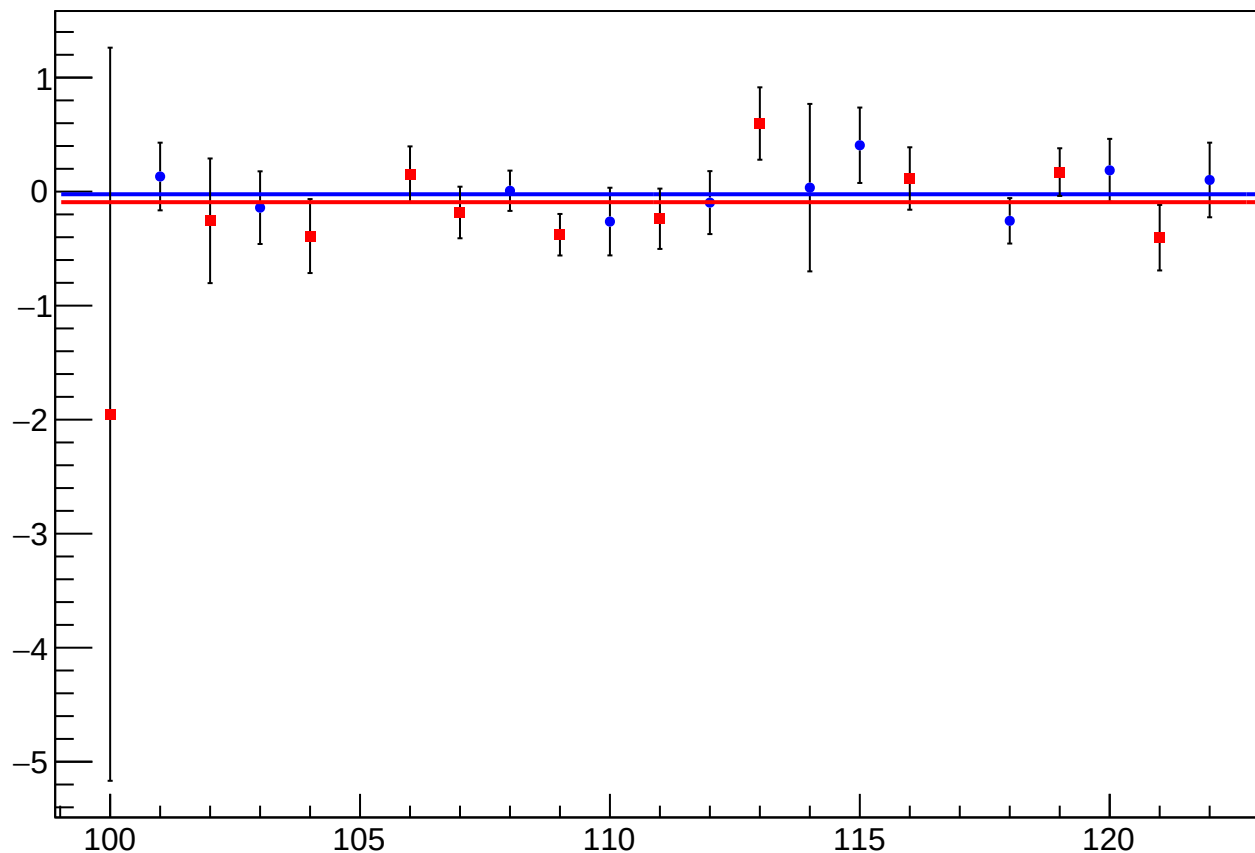
Right: 0.000+/-0.000 χ^2/NDF : 1578480.9/20

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 : 1578480.9/20

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 $\chi^2/\text{NDF}: 13.3/10$

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

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

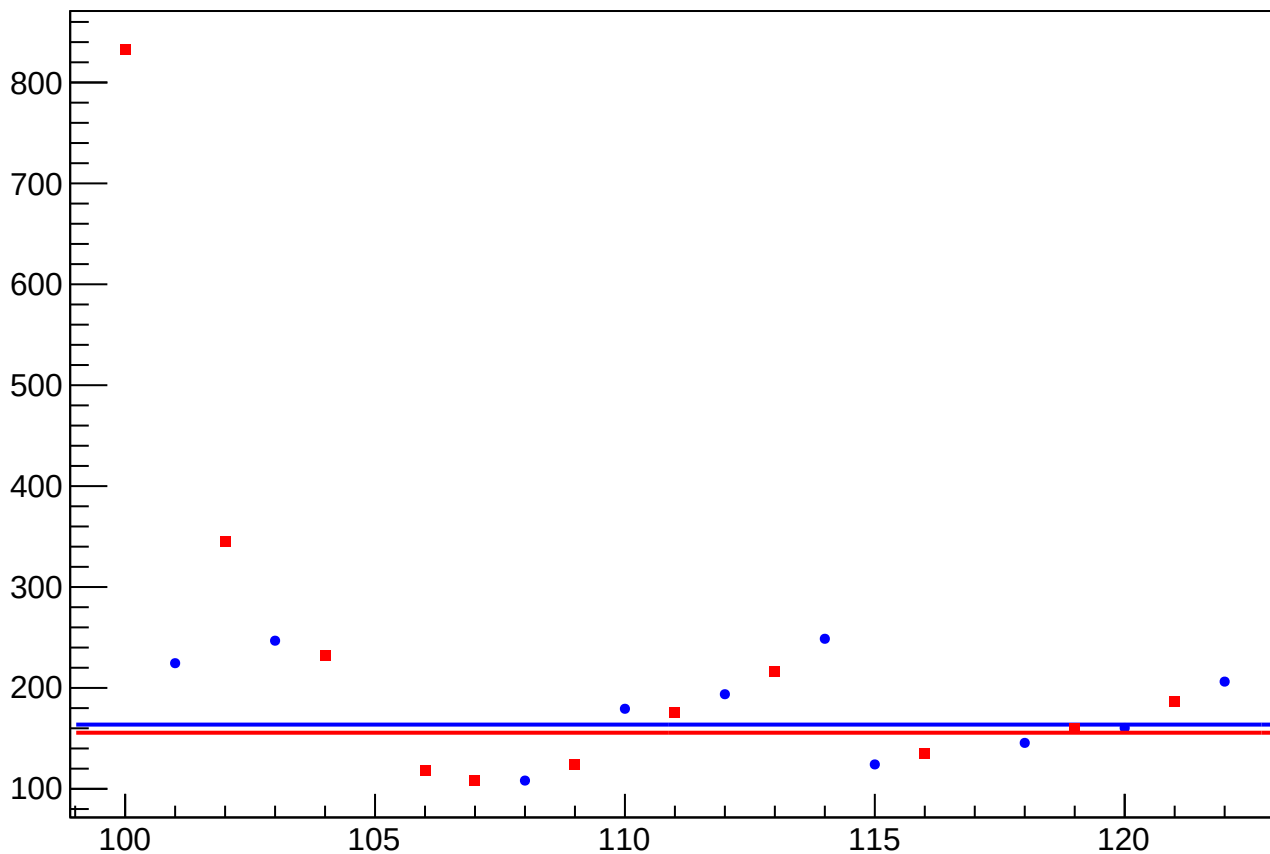
Right: -0.060 ± 0.059 $\chi^2/\text{NDF}: 18.6/20$

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 $\chi^2/\text{NDF}: 18.6/20$

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: 155.611+/-0.057 χ^2/NDF : 754780.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

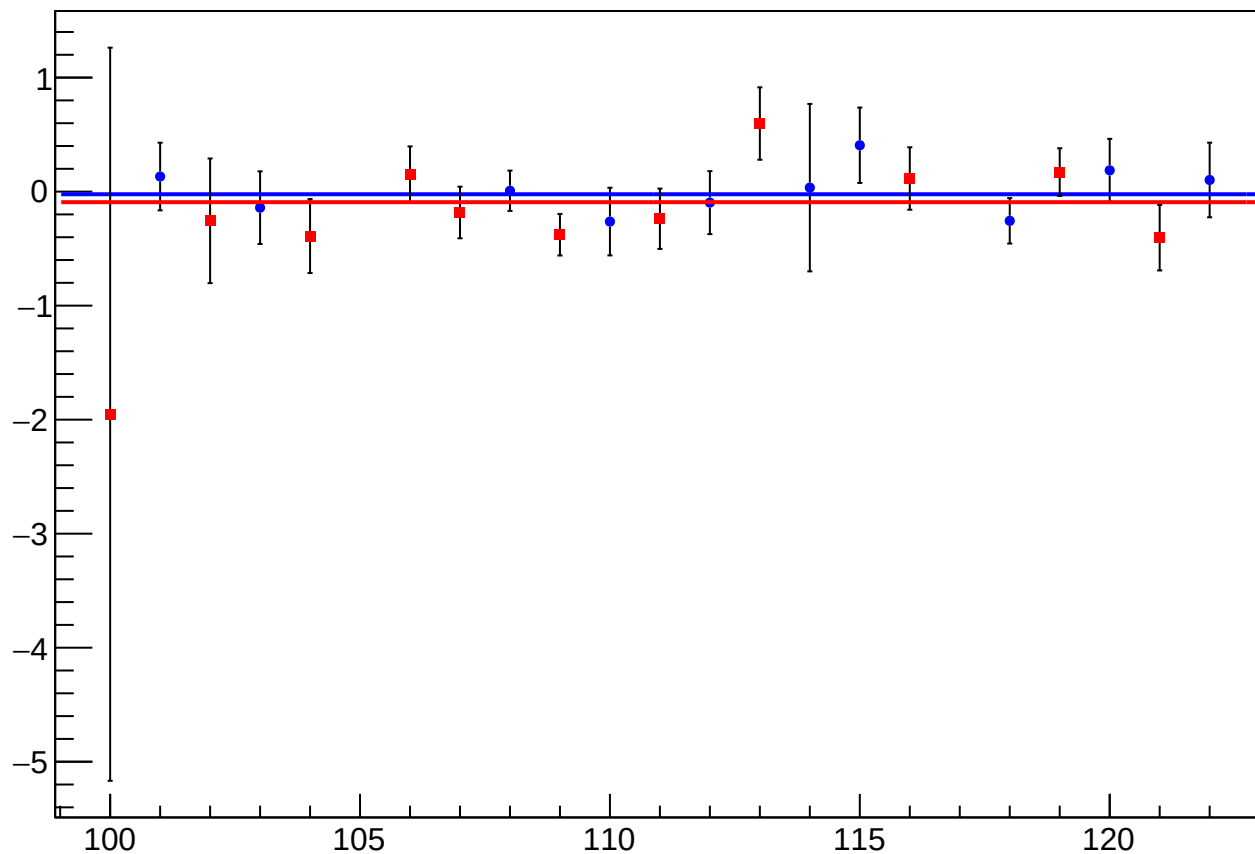
Right: 159.421+/-0.042 χ^2/NDF : 1317041.6/20

In: 163.669+/-0.061 χ^2/NDF : 552925.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.421+/-0.042 χ^2/NDF : 1317041.6/20

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 : 13.3/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

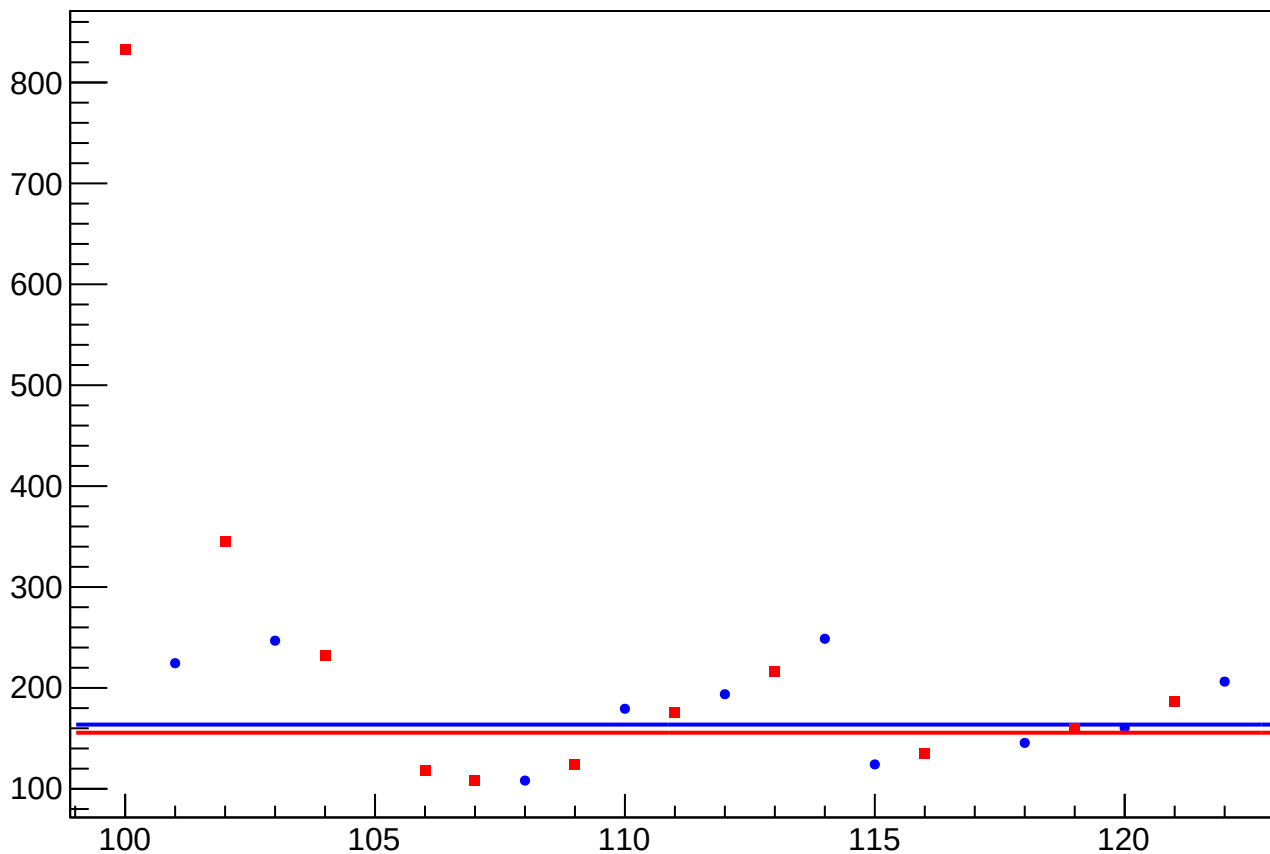
Right: -0.060 ± 0.059 χ^2/NDF : 18.6/20

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 : 18.6/20

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: 155.611+/-0.057 χ^2/NDF : 754780.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

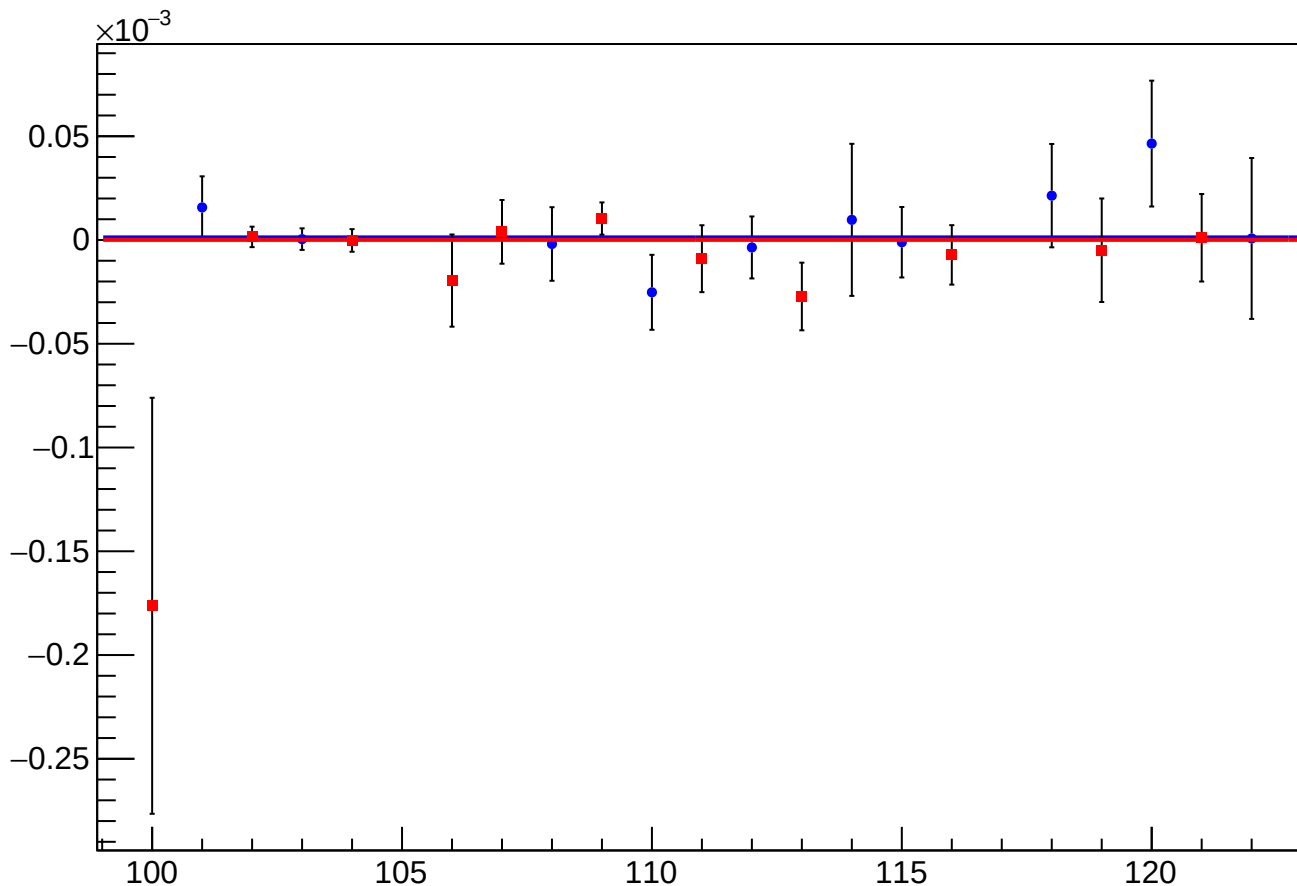
Right: 159.421+/-0.042 χ^2/NDF : 1317041.6/20

In: 163.669+/-0.061 χ^2/NDF : 552925.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.421+/-0.042 χ^2/NDF : 1317041.6/20

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 : 9.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

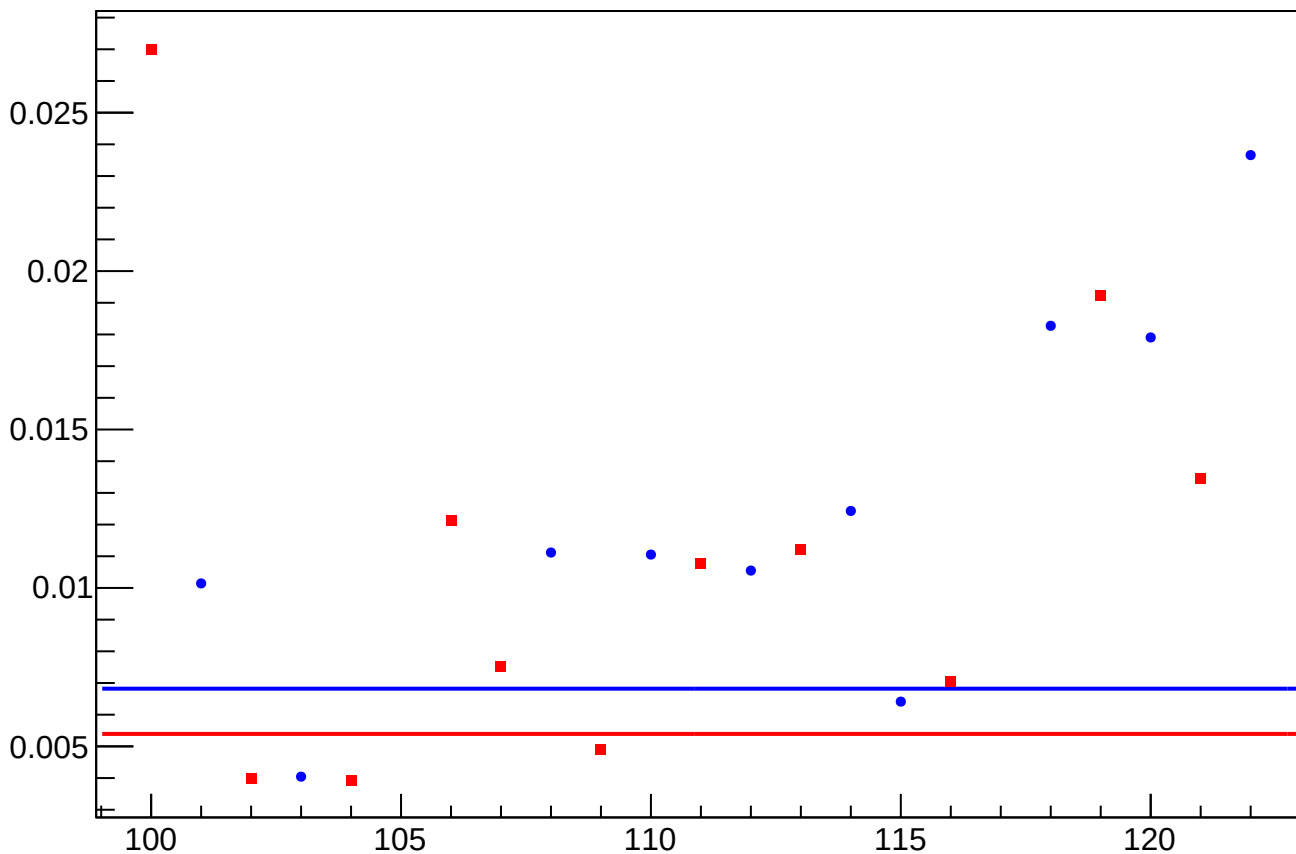
Right: 0.000+/-0.000 χ^2/NDF : 15.4/20

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 : 15.4/20

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 : 2046305.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

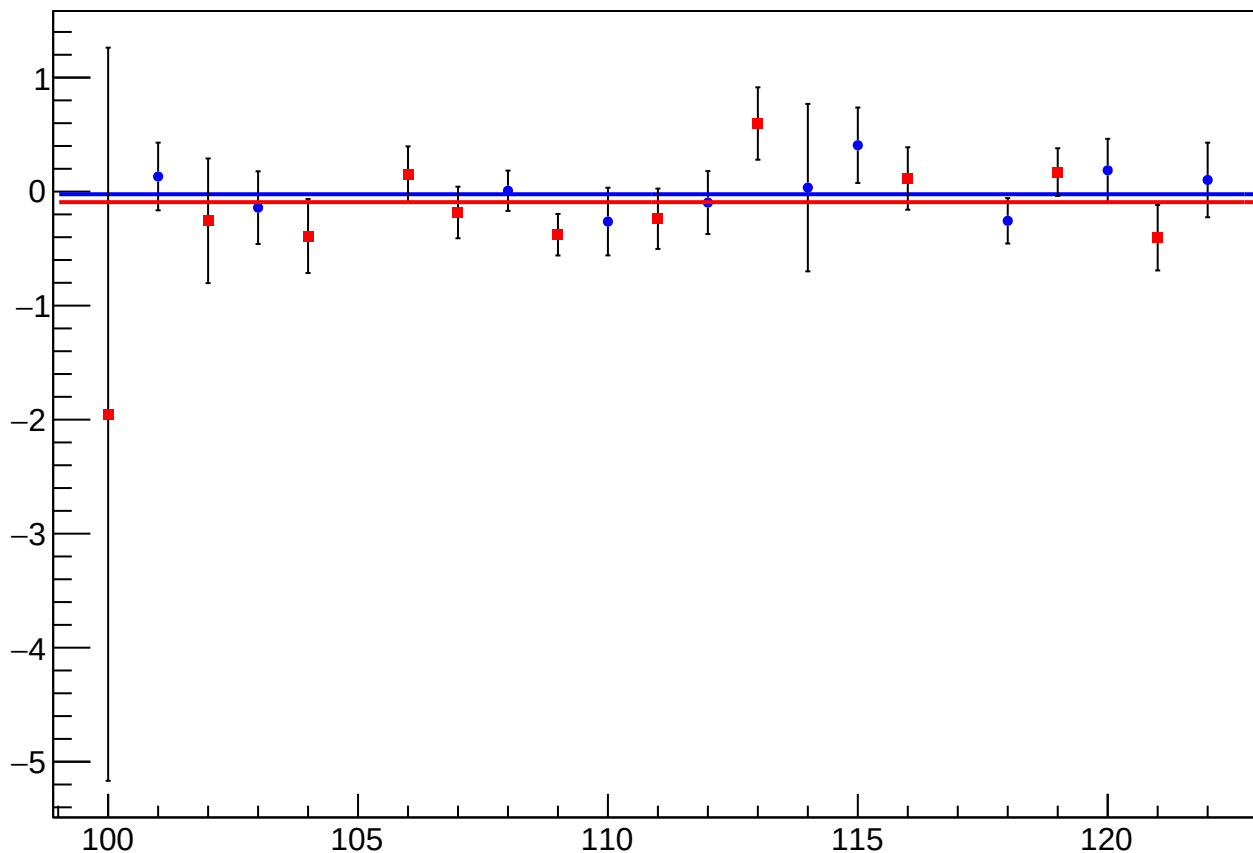
Right: 0.006+/-0.000 χ^2/NDF : 4342700.9/20

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 : 4342700.9/20

asym_atr_dd_eigen_dit_vs_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 : 13.3/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

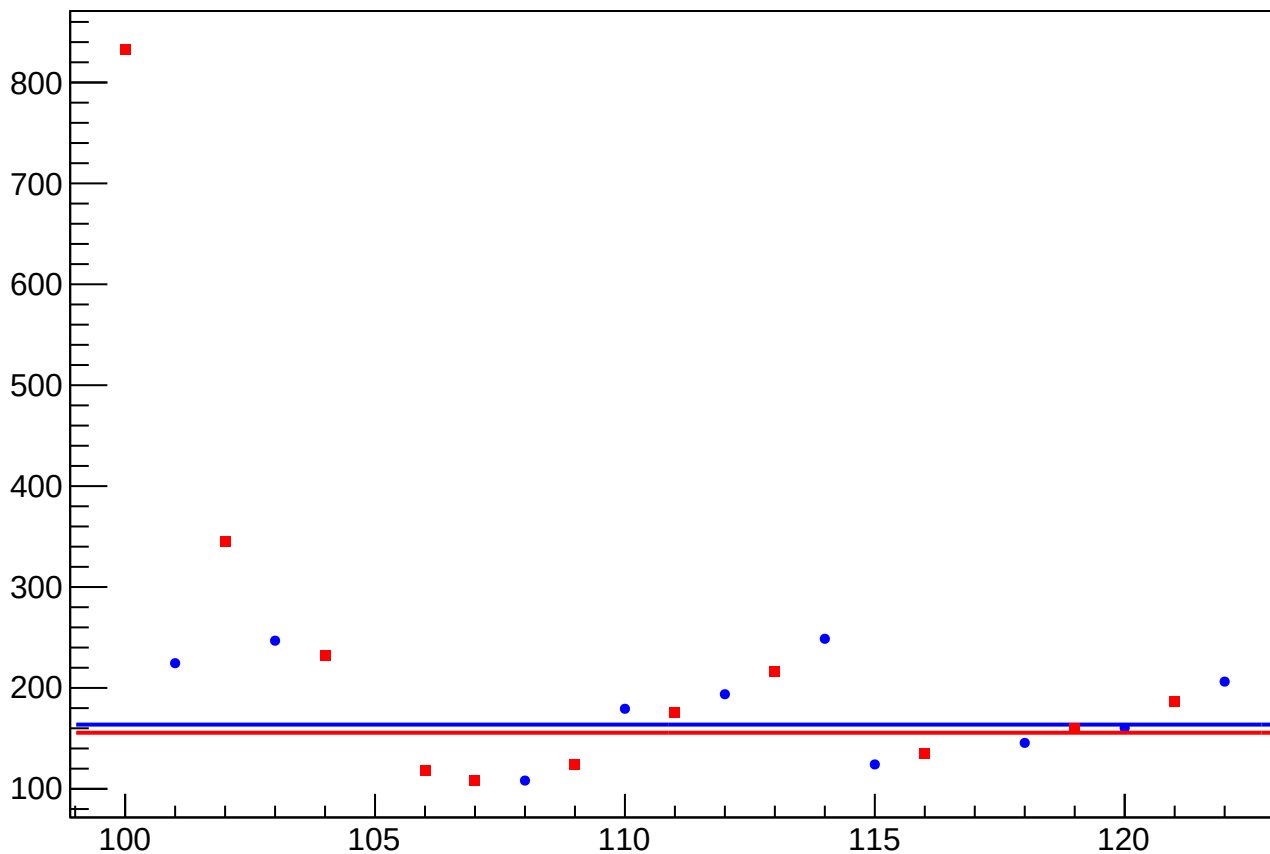
Right: -0.060 ± 0.059 χ^2/NDF : 18.6/20

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 : 18.6/20

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: 155.611+/-0.057 χ^2/NDF : 754783.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

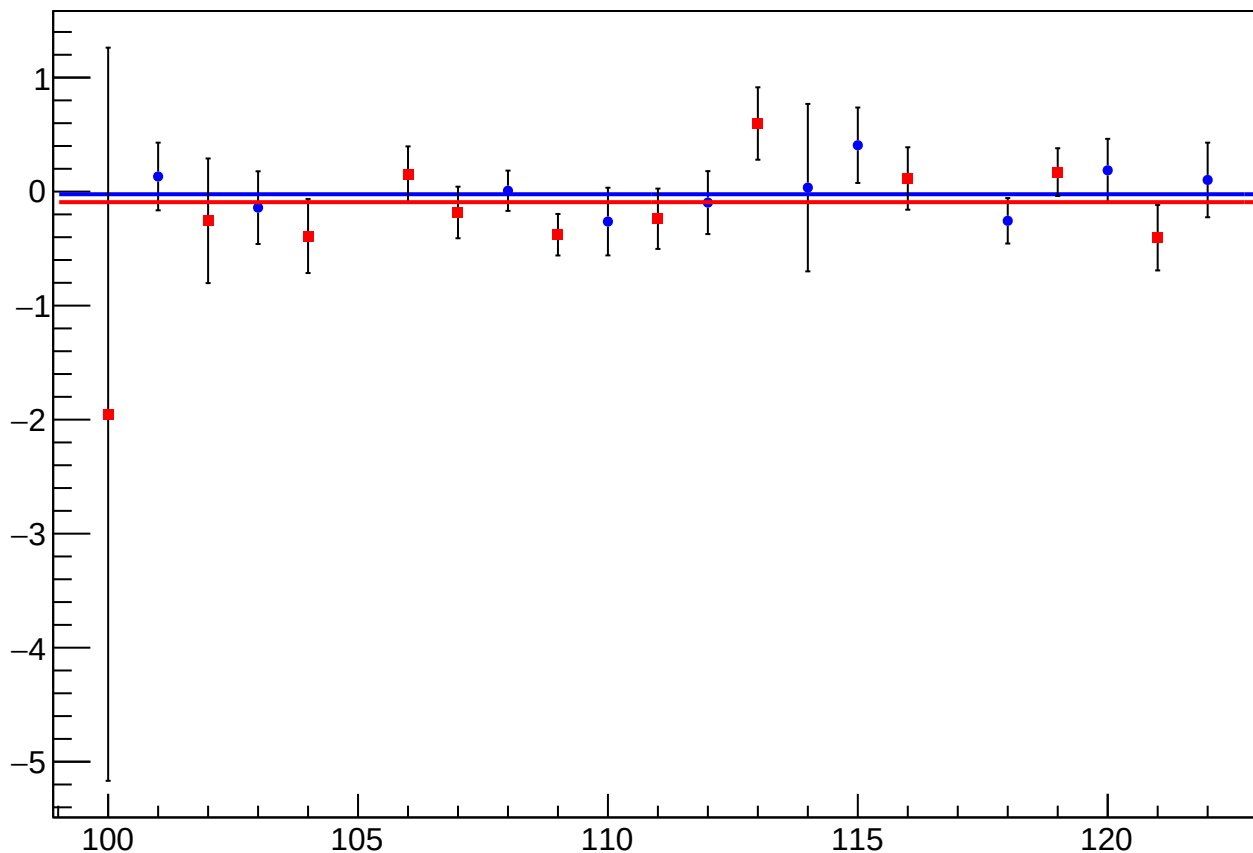
Right: 159.421+/-0.042 χ^2/NDF : 1317091.5/20

In: 163.666+/-0.061 χ^2/NDF : 552978.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.421+/-0.042 χ^2/NDF : 1317091.5/20

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: 13.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

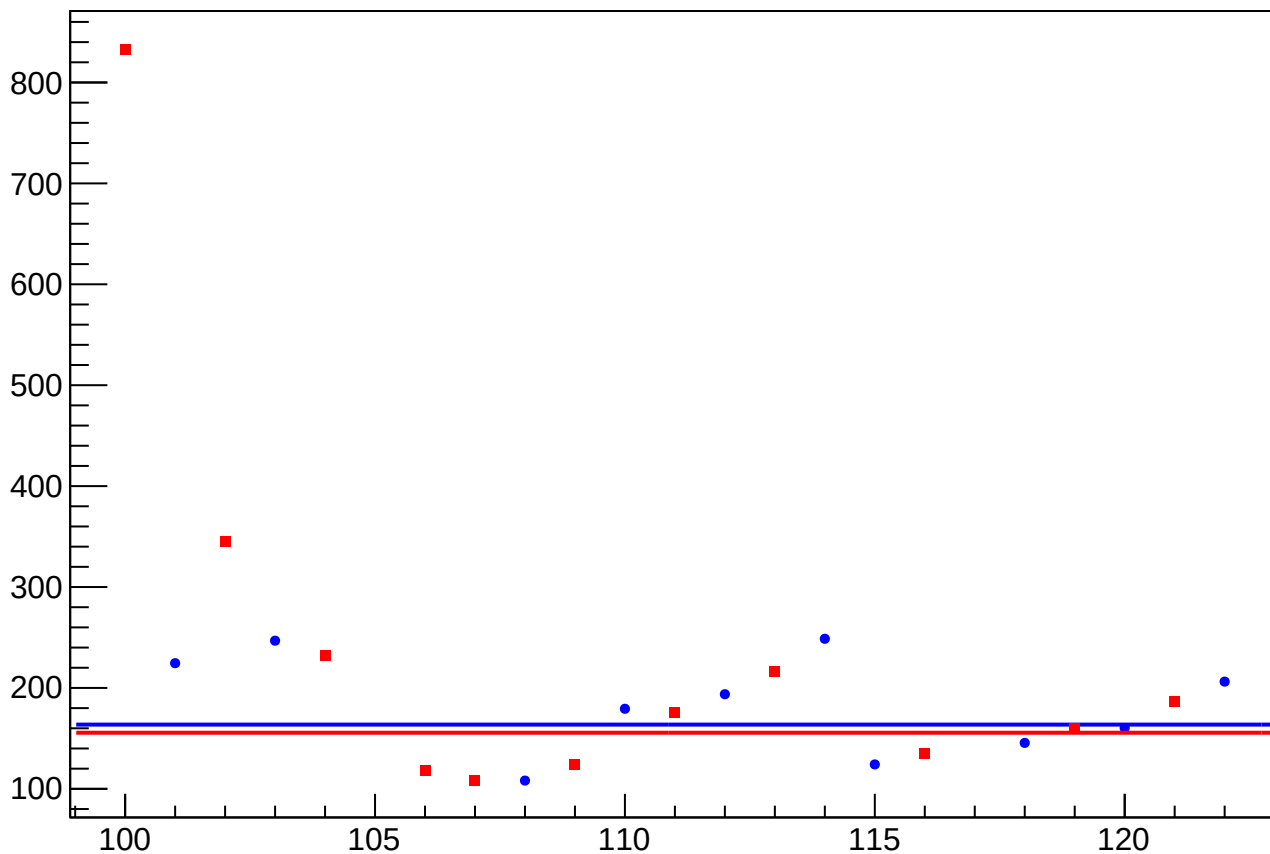
Right: -0.060+/-0.059 χ^2 /NDF: 18.6/20

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: 18.6/20

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: 155.611+/-0.057 χ^2/NDF : 754783.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

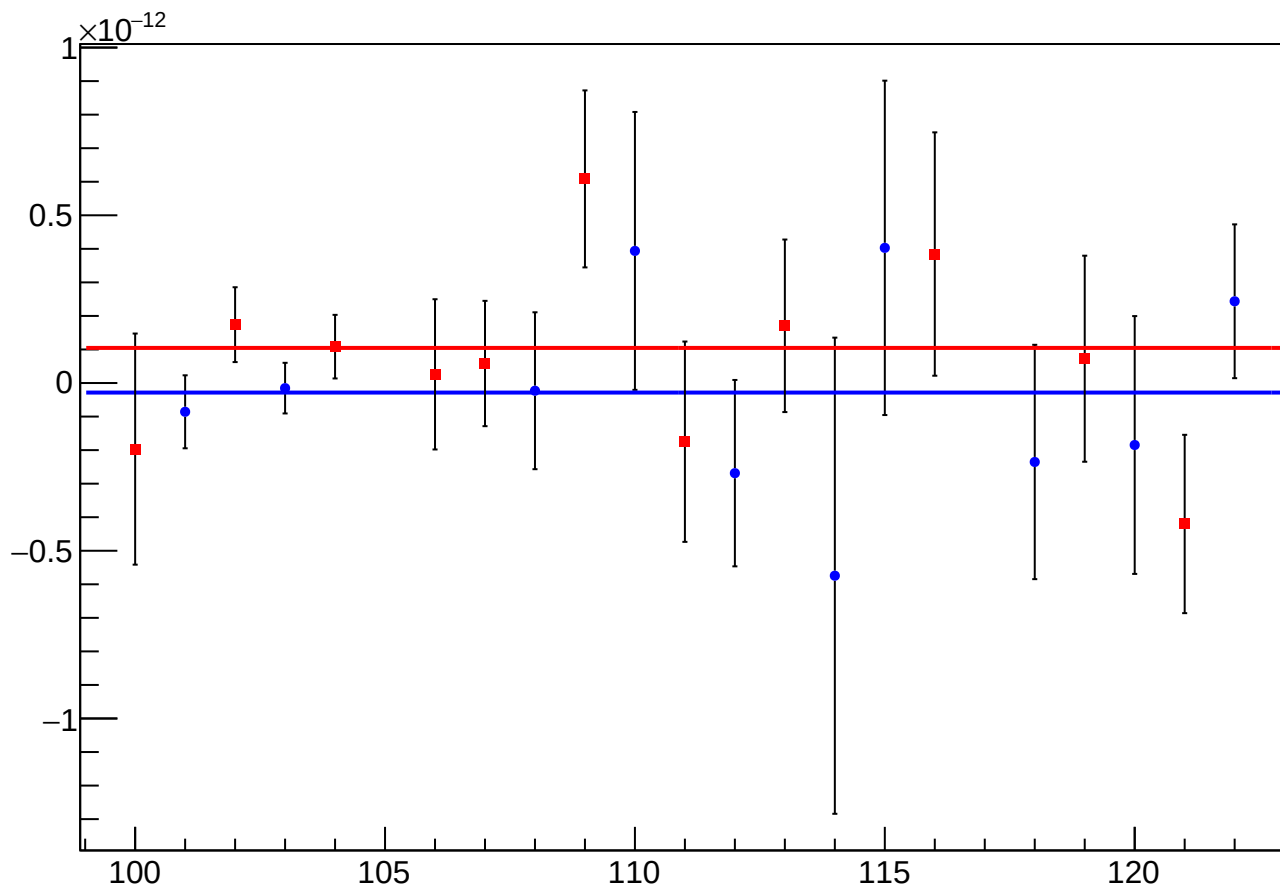
Right: 159.421+/-0.042 χ^2/NDF : 1317091.5/20

In: 163.666+/-0.061 χ^2/NDF : 552978.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.421+/-0.042 χ^2/NDF : 1317091.5/20

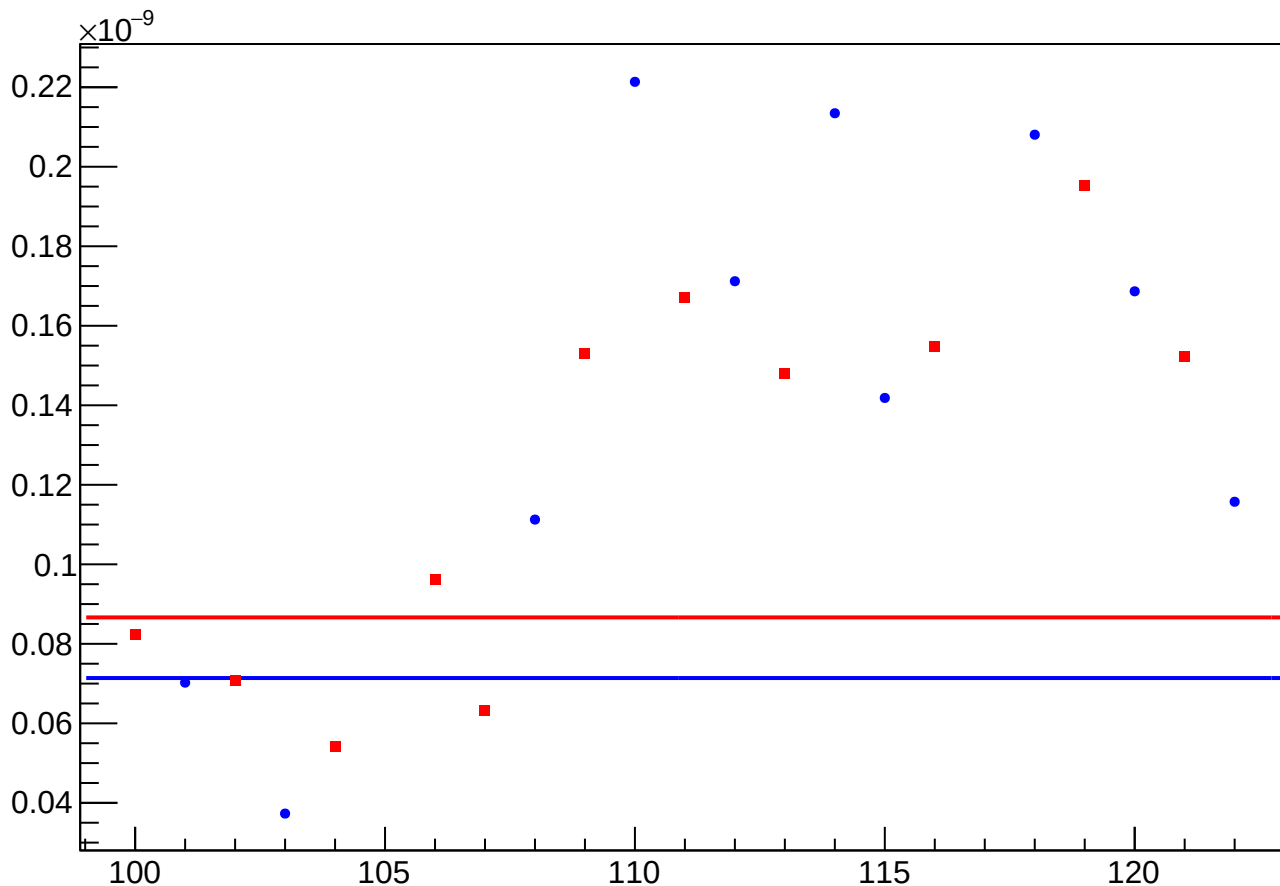
asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 10.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 18.7/20
 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 : 18.7/20

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 : 1136980.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

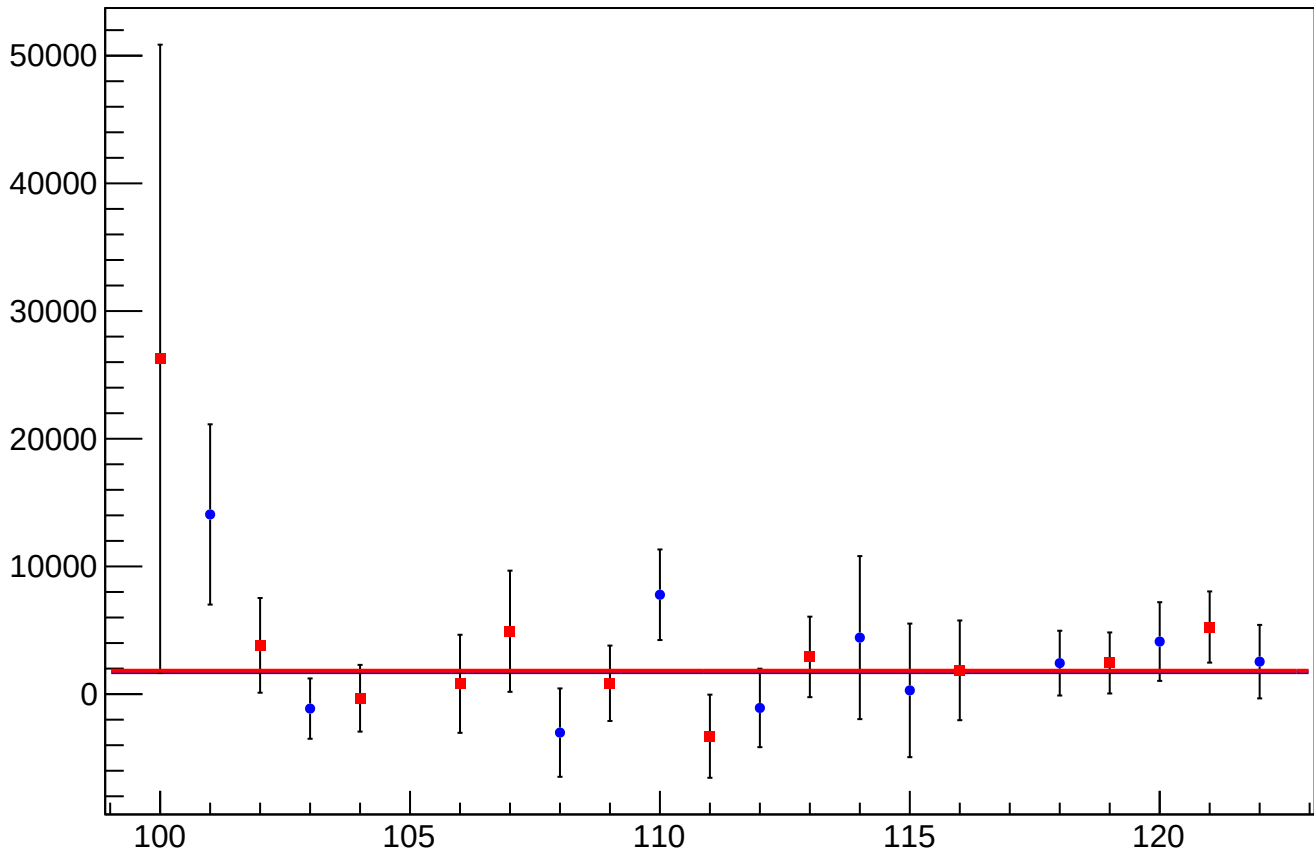
Right: 0.000+/-0.000 χ^2/NDF : 2829689.1/20

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 : 2829689.1/20

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: 1830.950+/-994.107 χ^2/NDF : 6.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

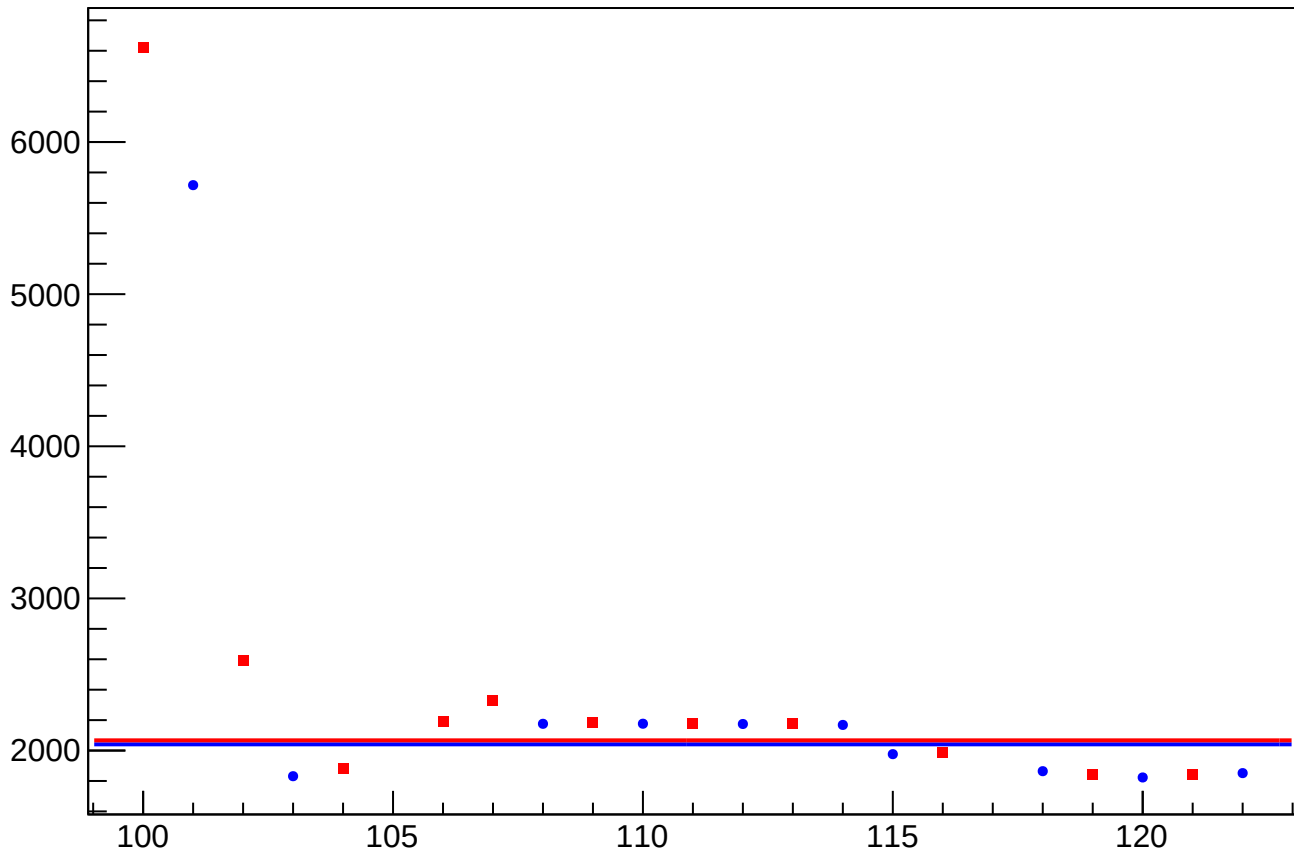
Right: 1779.951+/-721.231 χ^2/NDF : 17.9/20

In: 1723.275+/-1047.972 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1779.951+/-721.231 χ^2/NDF : 17.9/20

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: 2067.084+/-0.703 χ^2/NDF : 166351.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

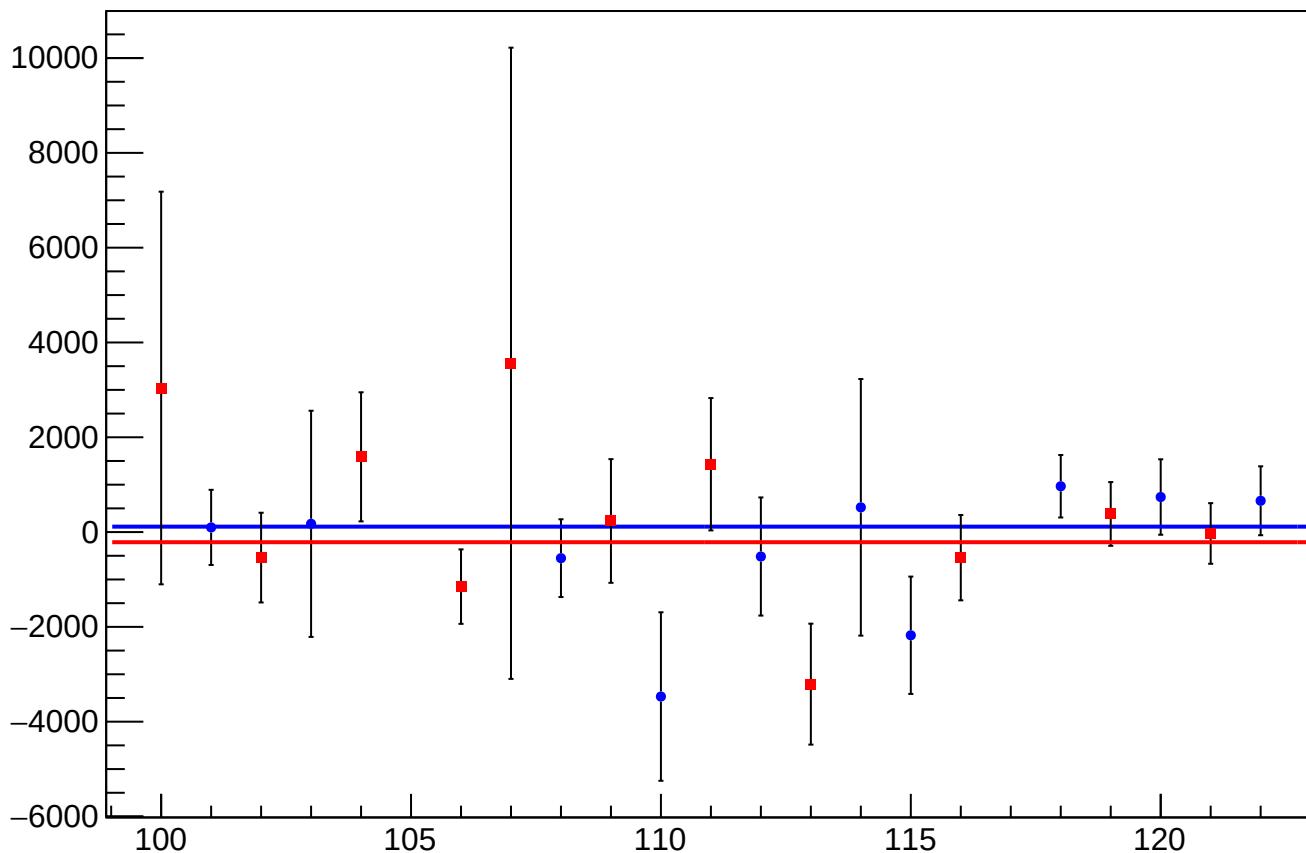
Right: 2054.671+/-0.510 χ^2/NDF : 764083.8/20

In: 2040.876+/-0.741 χ^2/NDF : 597073.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.671+/-0.510 χ^2/NDF : 764083.8/20

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: -213.724+/-301.954 χ^2/NDF : 12.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

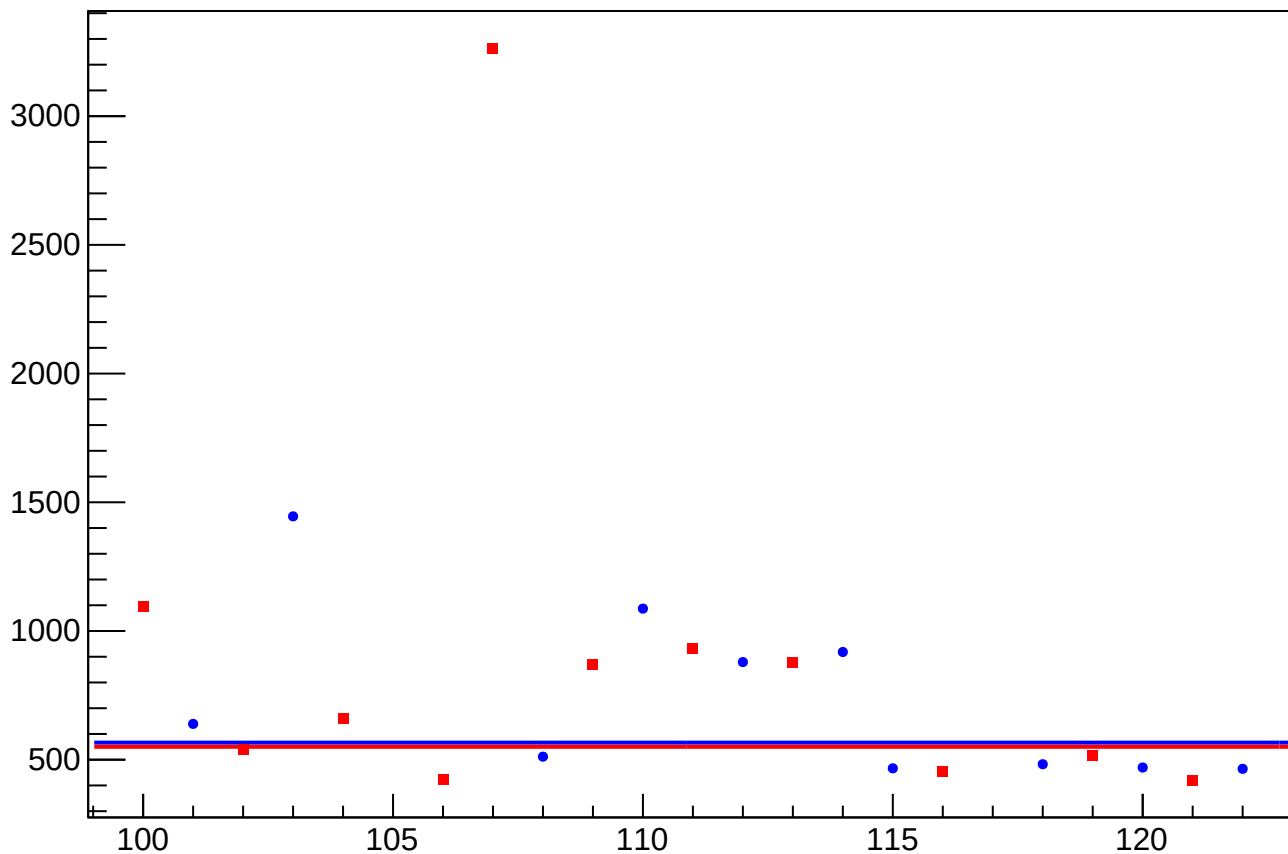
Right: -50.985+/-214.446 χ^2/NDF : 24.1/20

In: 114.625+/-304.607 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.985+/-214.446 χ^2/NDF : 24.1/20

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: 550.138+/-0.214 χ^2/NDF : 946762.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

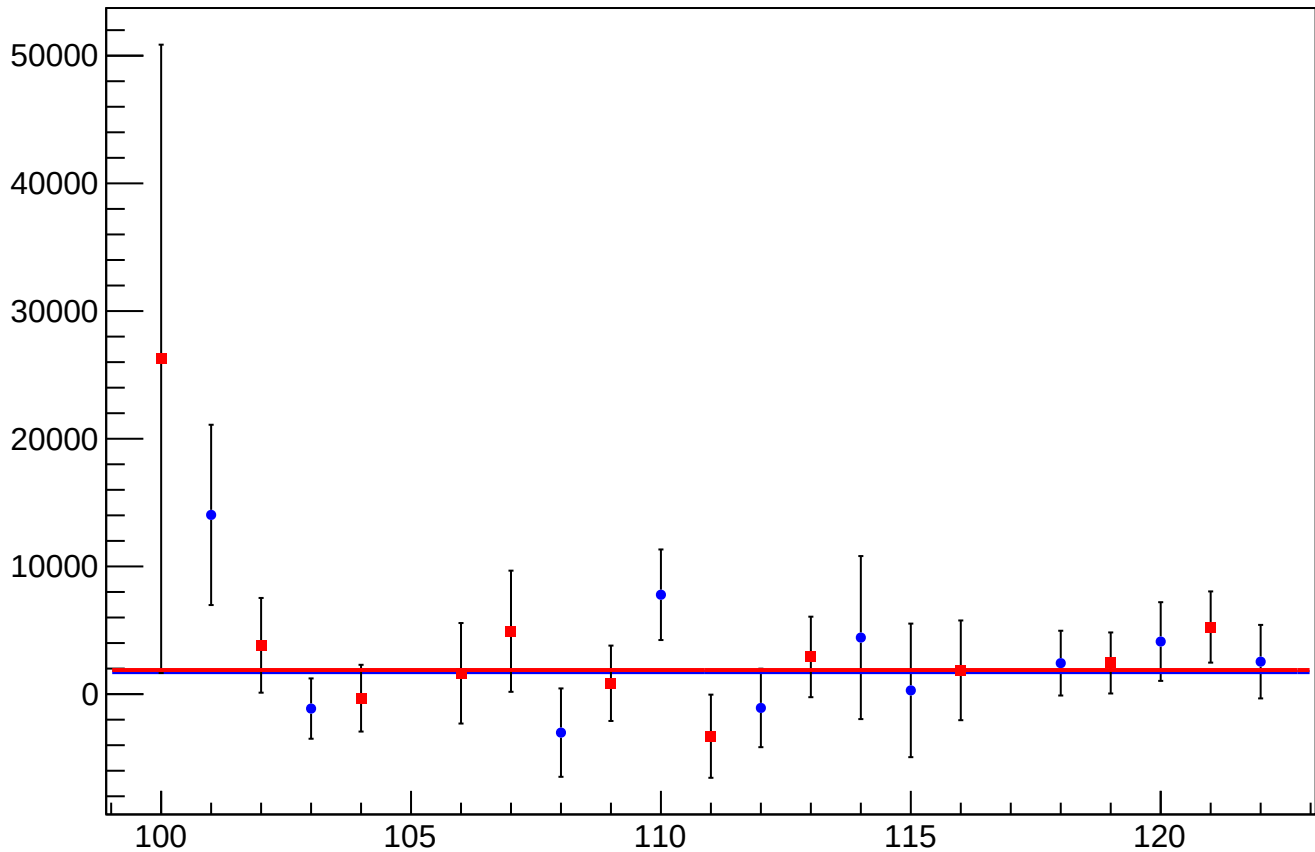
Right: 558.176+/-0.152 χ^2/NDF : 1692370.6/20

In: 566.356+/-0.215 χ^2/NDF : 742749.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.176+/-0.152 χ^2/NDF : 1692370.6/20

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: 1887.458+/-995.703 χ^2/NDF : 6.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

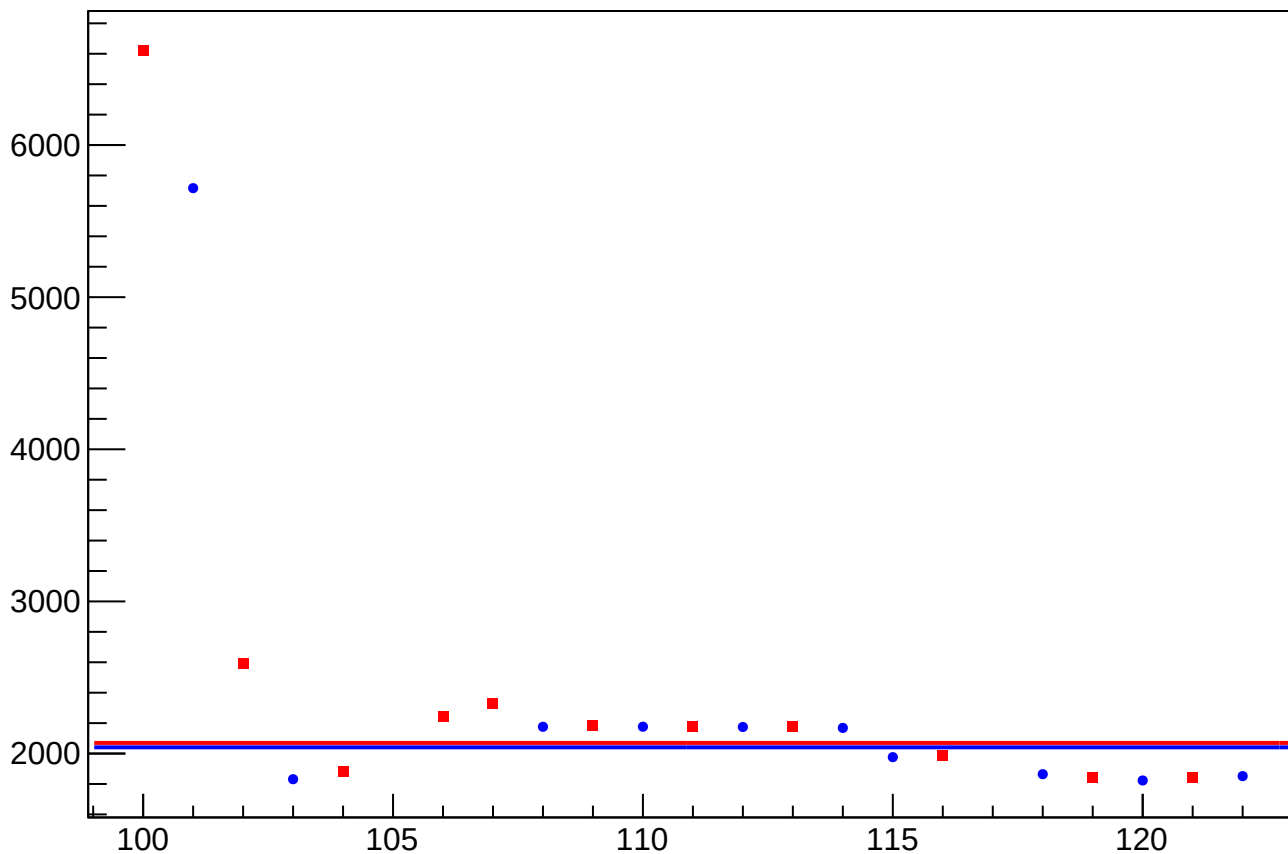
Right: 1809.292+/-721.839 χ^2/NDF : 17.8/20

In: 1722.703+/-1047.972 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1809.292+/-721.839 χ^2/NDF : 17.8/20

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: 2069.930+/-0.704 χ^2/NDF : 168210.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

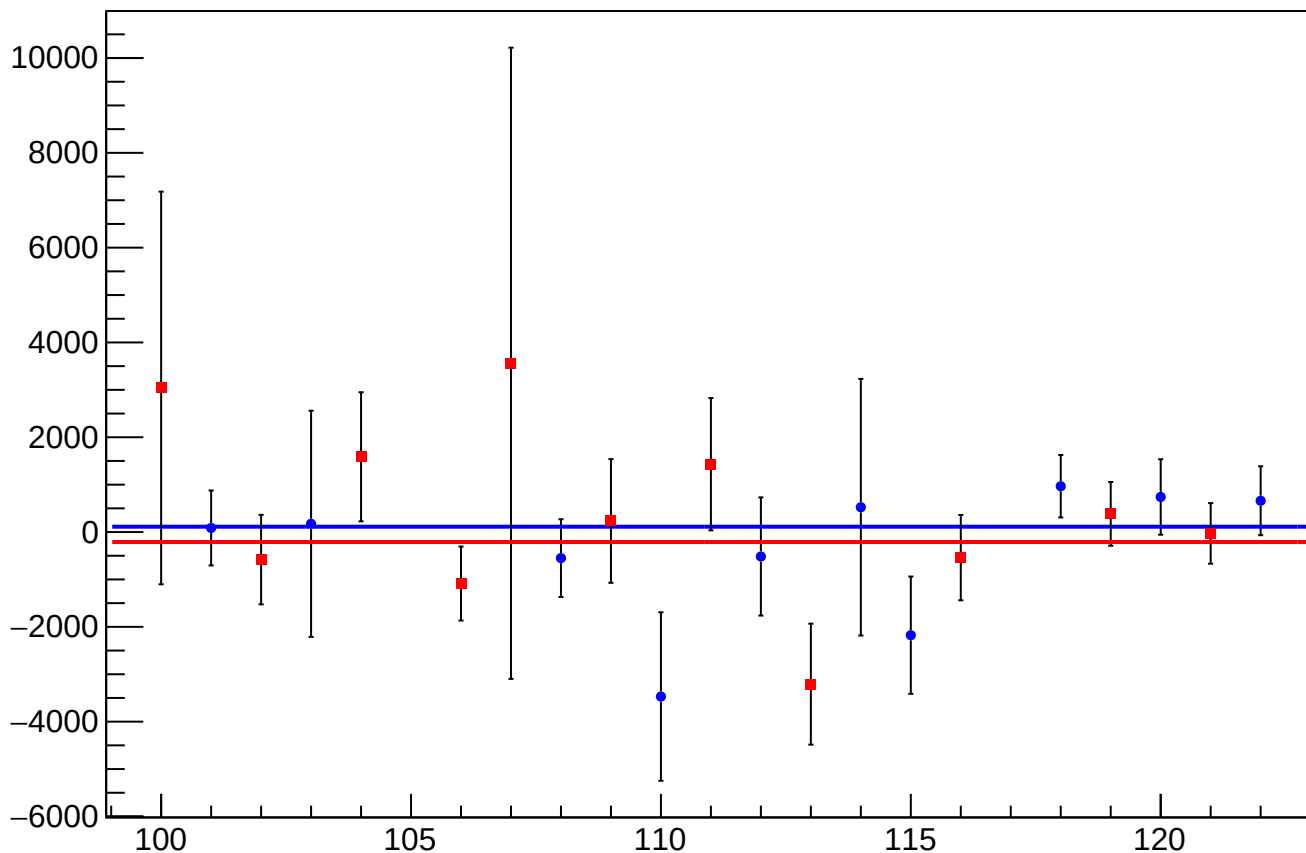
Right: 2056.146+/-0.510 χ^2/NDF : 766092.3/20

In: 2040.876+/-0.741 χ^2/NDF : 597074.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2056.146+/-0.510 χ^2/NDF : 766092.3/20

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: -210.046+/-301.620 χ^2/NDF : 12.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

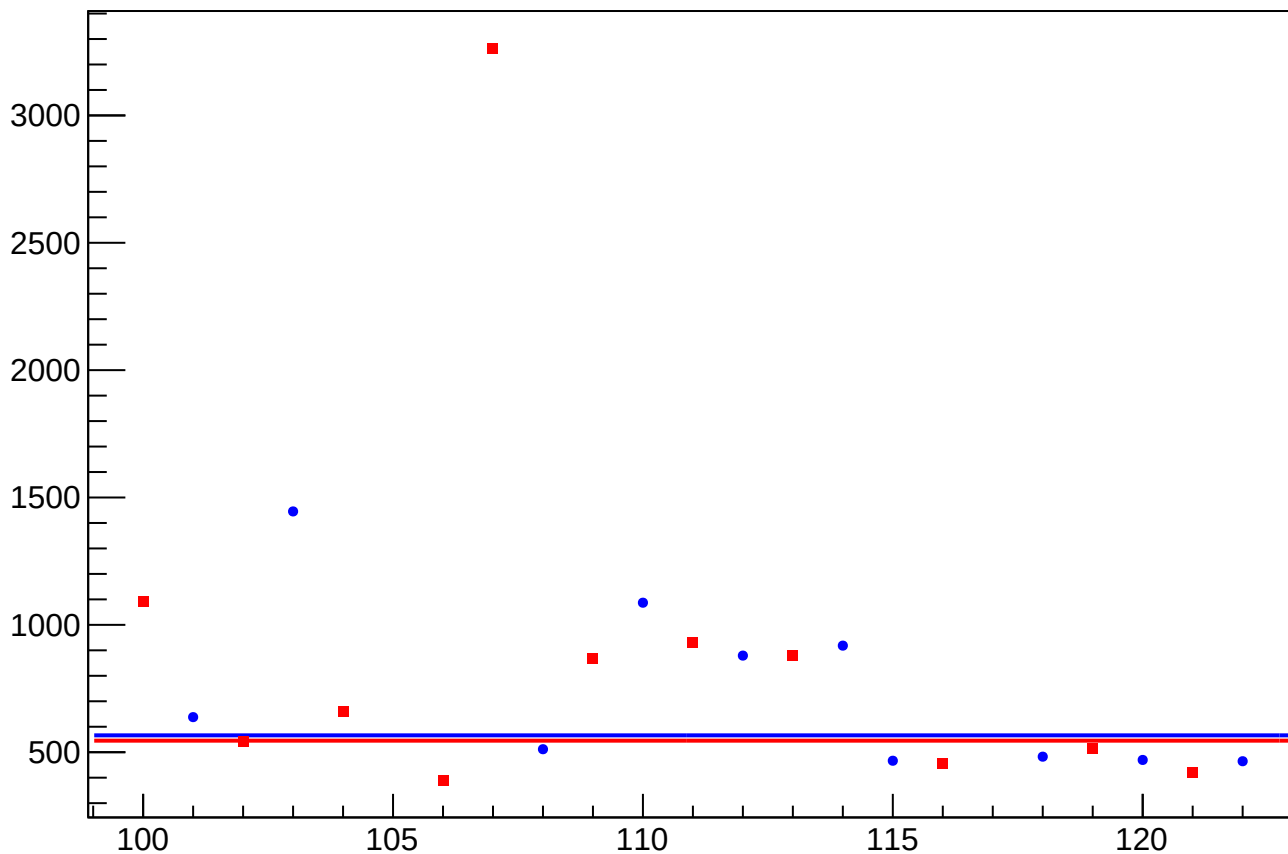
Right: -50.048+/-214.286 χ^2/NDF : 24.0/20

In: 113.015+/-304.494 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.048+/-214.286 χ^2/NDF : 24.0/20

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: 545.353+/-0.213 χ^2/NDF : 978860.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

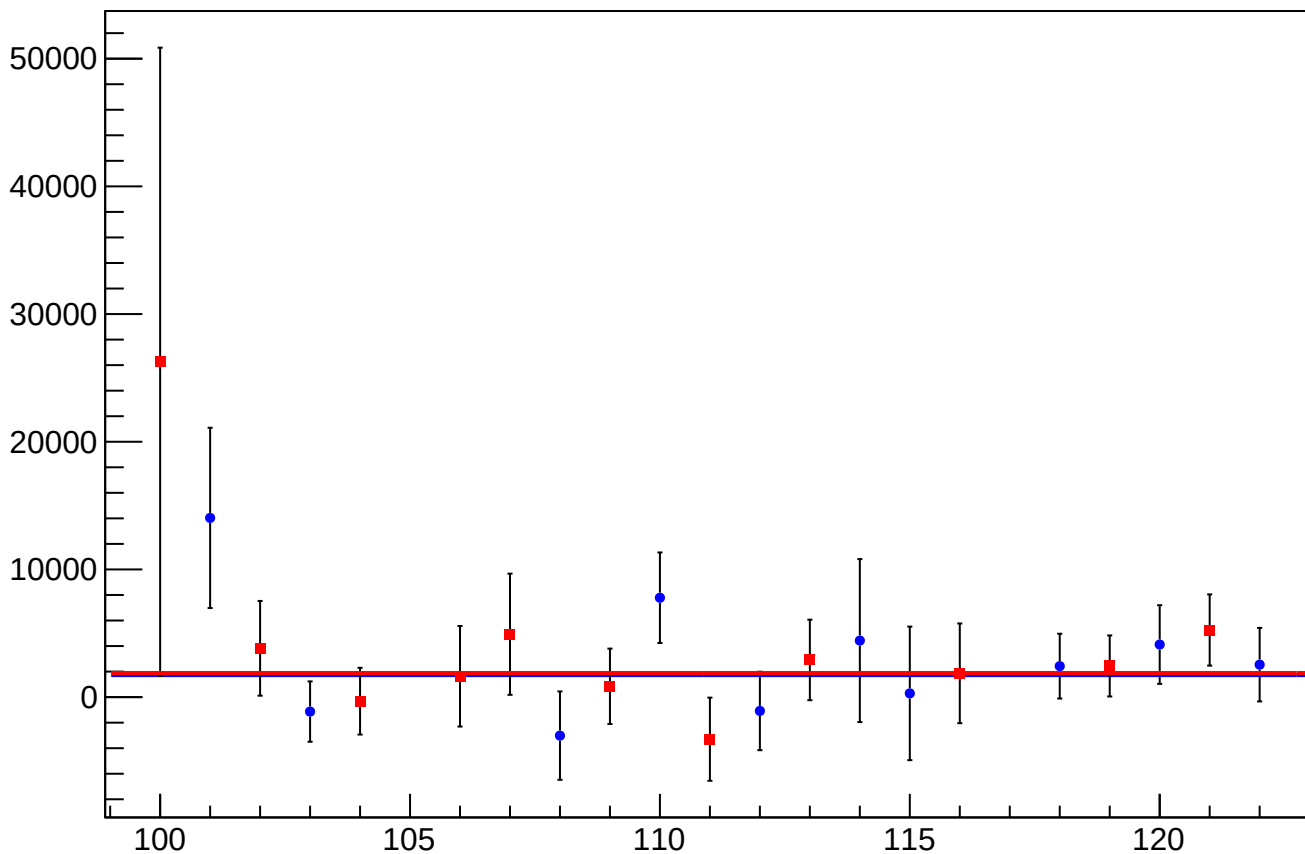
Right: 555.679+/-0.152 χ^2/NDF : 1725761.8/20

In: 566.203+/-0.215 χ^2/NDF : 742168.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.679+/-0.152 χ^2/NDF : 1725761.8/20

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: 1887.458+/-995.703 χ^2/NDF : 6.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

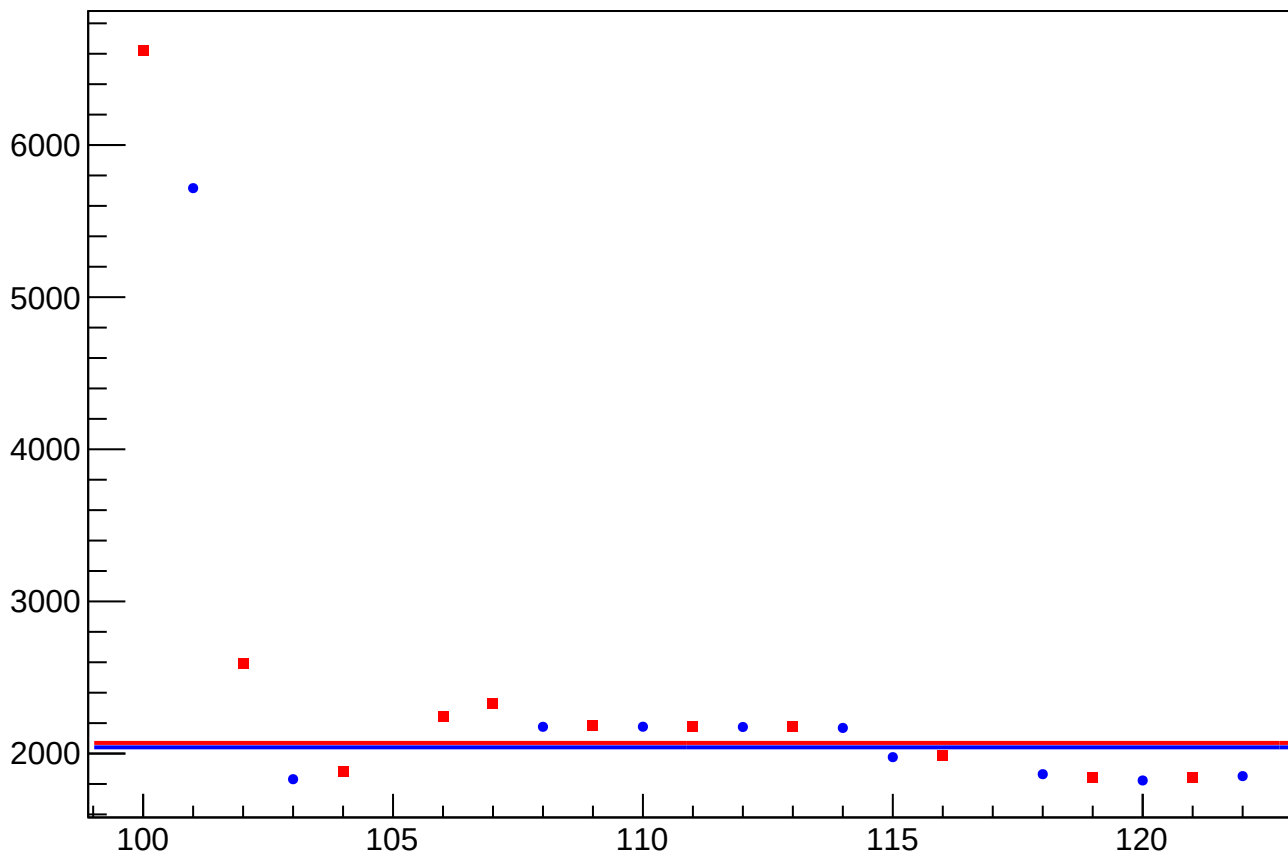
Right: 1809.292+/-721.839 χ^2/NDF : 17.8/20

In: 1722.703+/-1047.972 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1809.292+/-721.839 χ^2/NDF : 17.8/20

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: 2069.930+/-0.704 χ^2/NDF : 168210.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

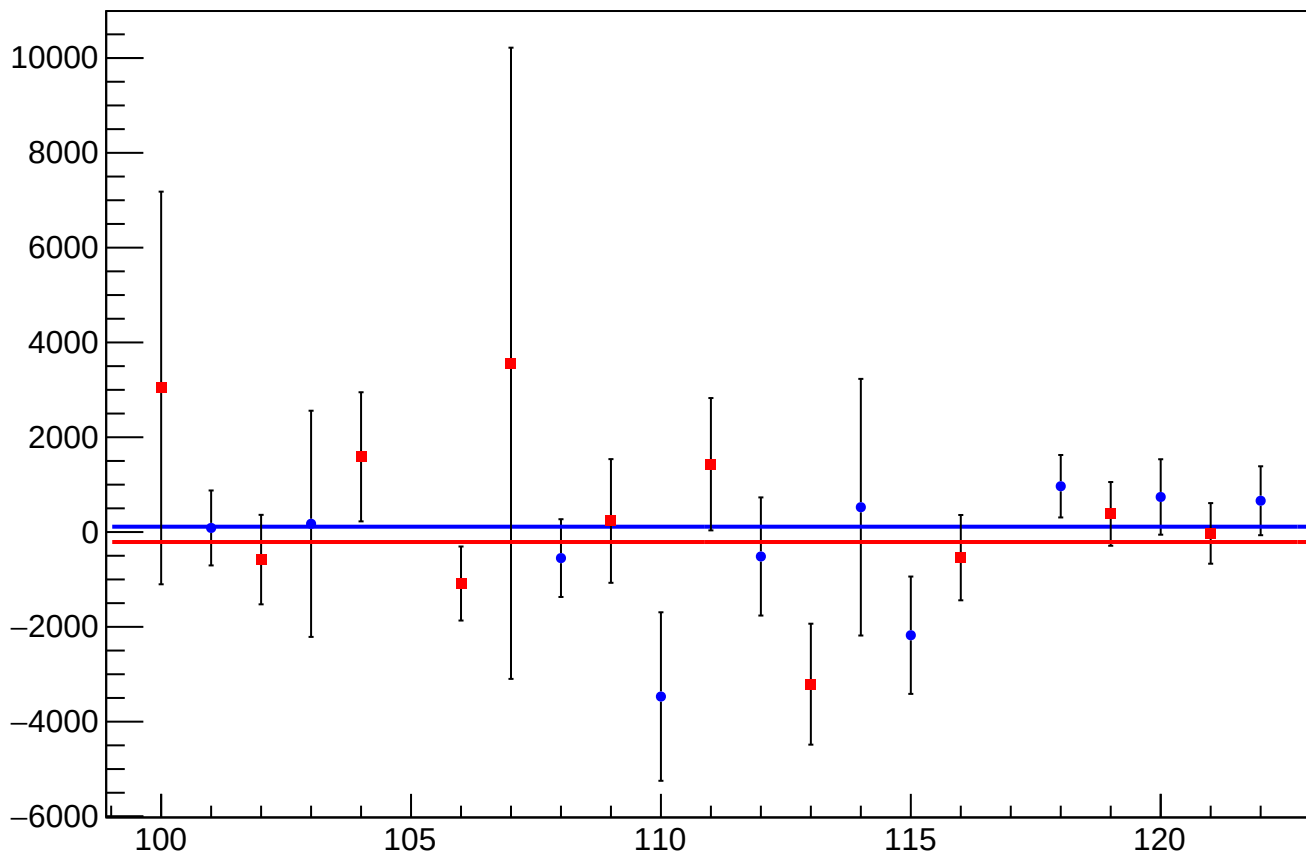
Right: 2056.146+/-0.510 χ^2/NDF : 766092.3/20

In: 2040.876+/-0.741 χ^2/NDF : 597074.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2056.146+/-0.510 χ^2/NDF : 766092.3/20

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: -210.046+/-301.620 χ^2/NDF : 12.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

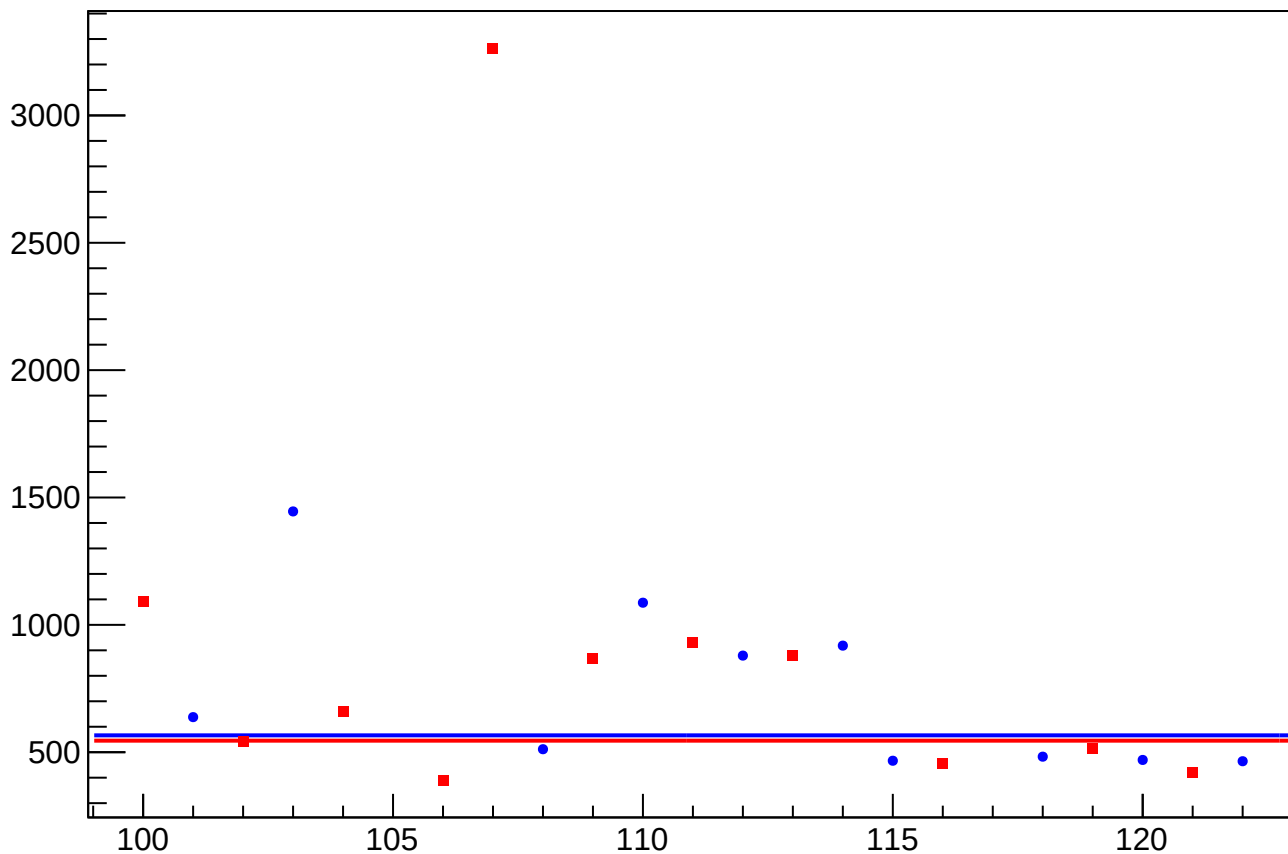
Right: -50.048+/-214.286 χ^2/NDF : 24.0/20

In: 113.015+/-304.494 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.048+/-214.286 χ^2/NDF : 24.0/20

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: 545.353+/-0.213 χ^2/NDF : 978860.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

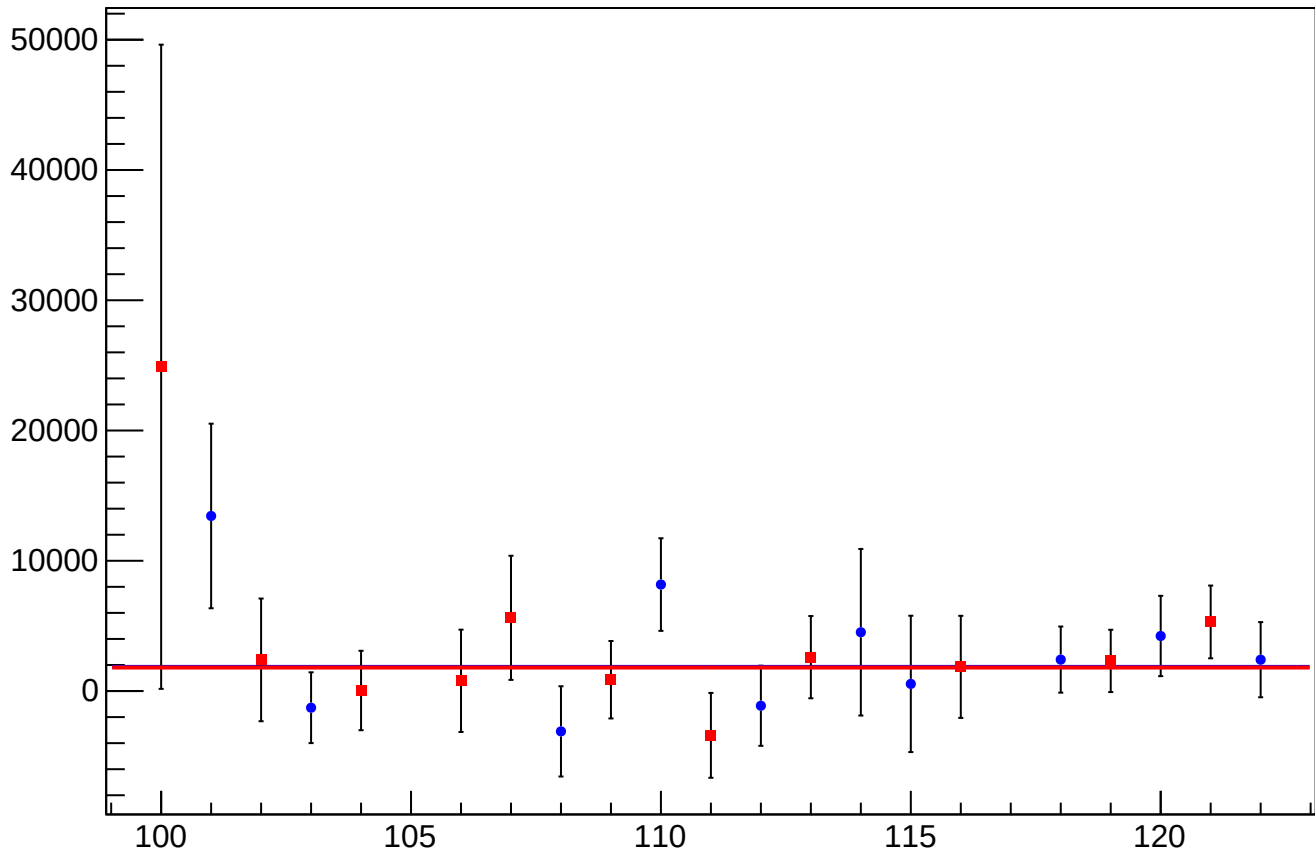
Right: 555.679+/-0.152 χ^2/NDF : 1725761.8/20

In: 566.203+/-0.215 χ^2/NDF : 742168.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.679+/-0.152 χ^2/NDF : 1725761.8/20

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: 1805.363+/-1031.944 χ^2/NDF : 6.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

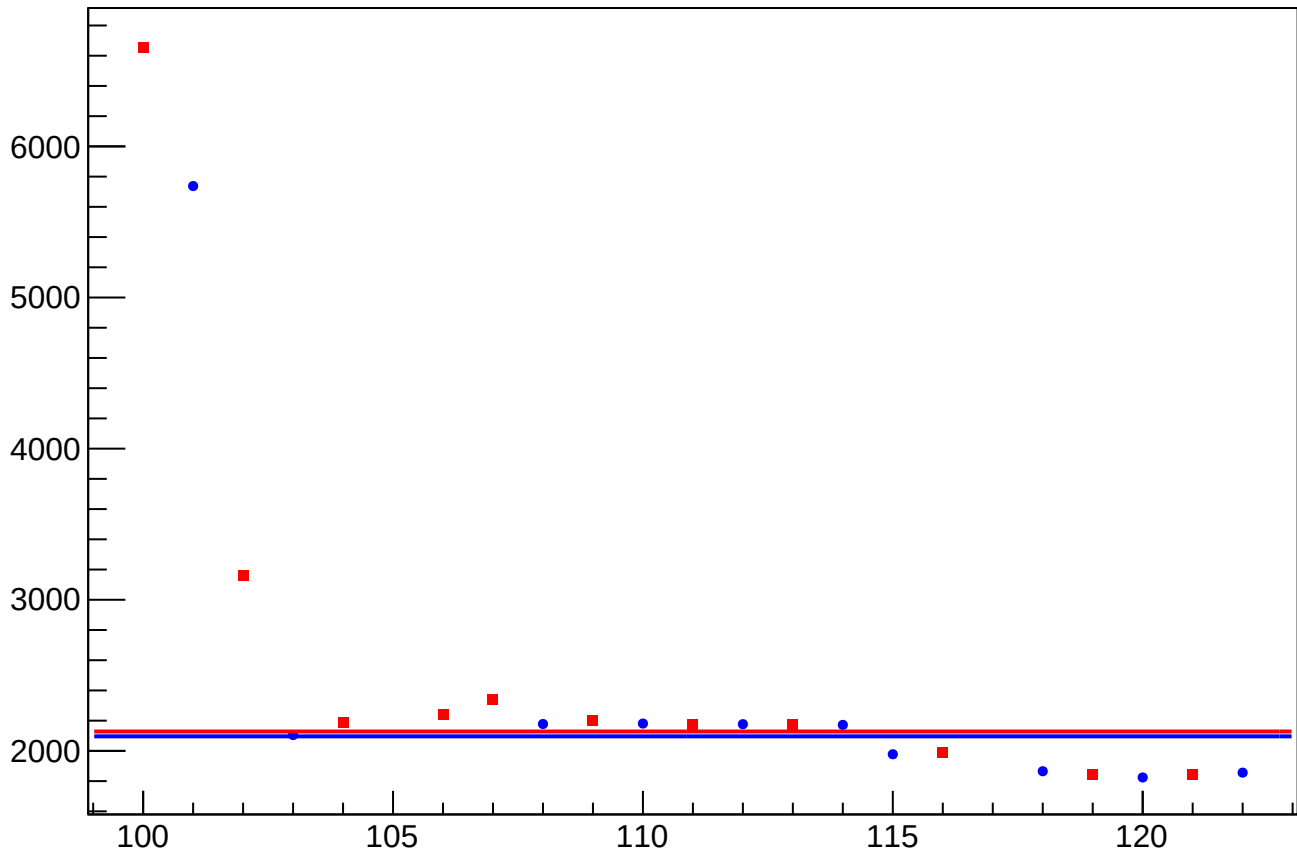
Right: 1828.180+/-744.508 χ^2/NDF : 17.3/20

In: 1852.948+/-1075.172 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1828.180+/-744.508 χ^2/NDF : 17.3/20

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: 2128.291+/-0.730 χ^2/NDF : 222867.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

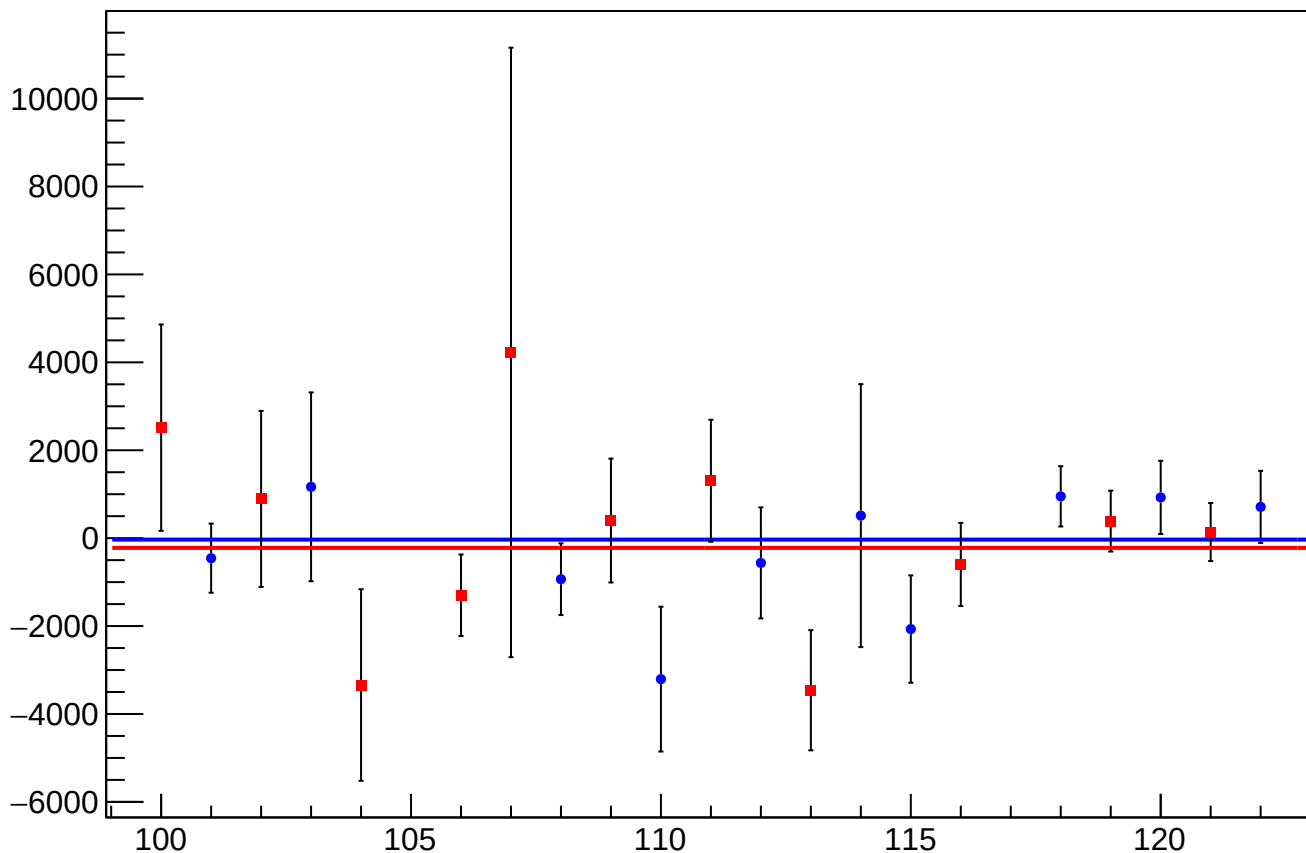
Right: 2112.905+/-0.526 χ^2/NDF : 802818.7/20

In: 2096.202+/-0.760 χ^2/NDF : 579023.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.905+/-0.526 χ^2/NDF : 802818.7/20

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: -220.901+/-335.633 χ^2/NDF : 13.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

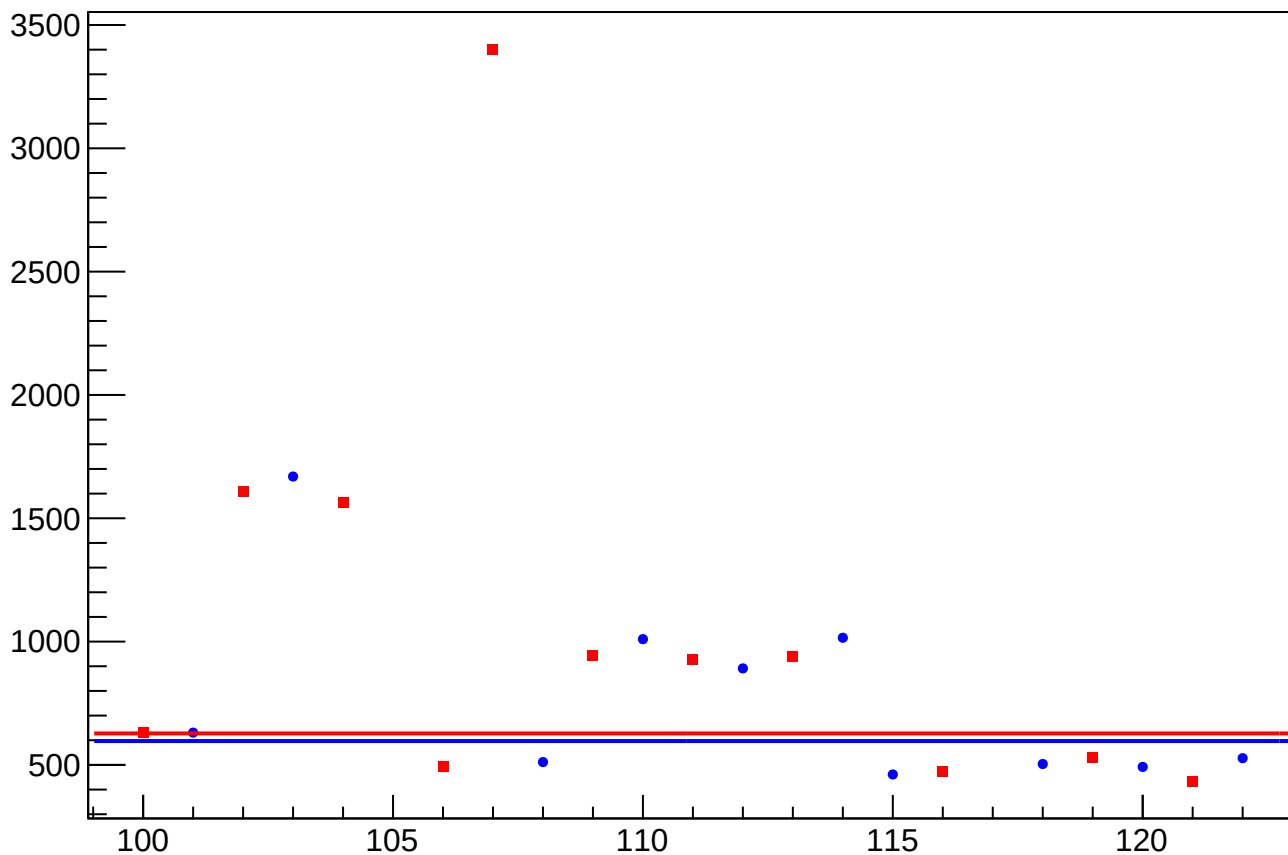
Right: -120.490+/-229.119 χ^2/NDF : 26.6/20

In: -32.862+/-313.541 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.490+/-229.119 χ^2/NDF : 26.6/20

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: 627.571+/-0.237 χ^2/NDF : 1779447.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

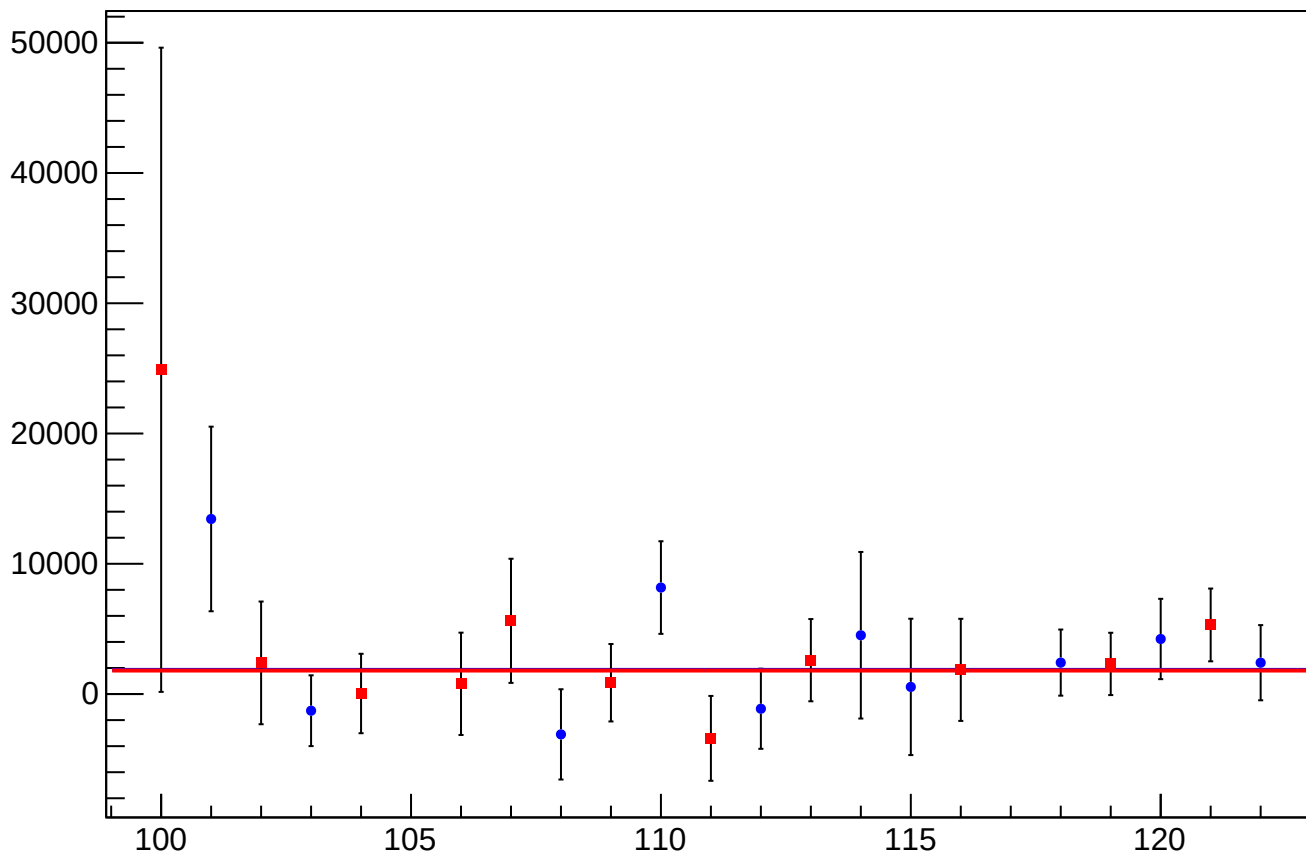
Right: 611.114+/-0.162 χ^2/NDF : 2694050.3/20

In: 596.752+/-0.222 χ^2/NDF : 905597.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.114+/-0.162 χ^2/NDF : 2694050.3/20

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: 1805.361+/-1031.943 χ^2/NDF : 6.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

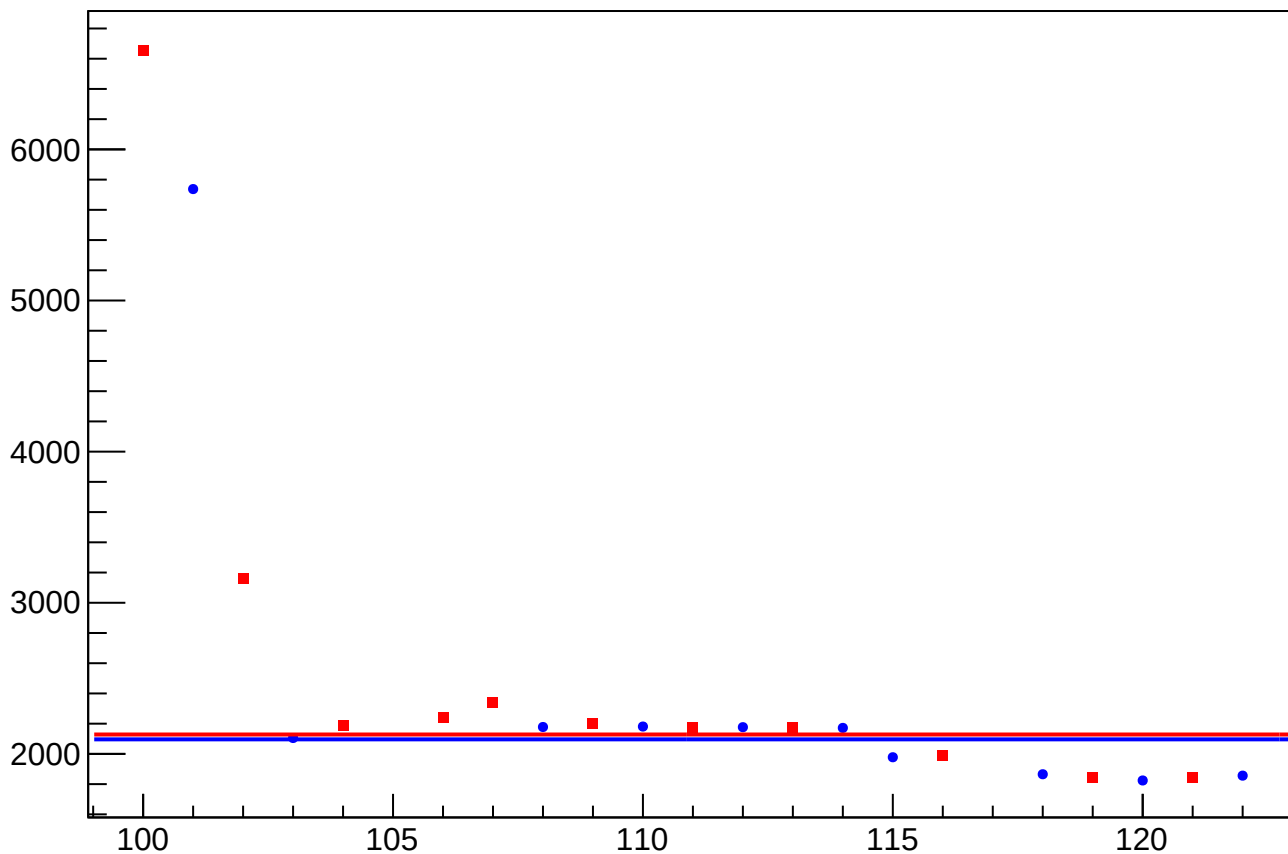
Right: 1828.177+/-744.508 χ^2/NDF : 17.3/20

In: 1852.945+/-1075.172 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1828.177+/-744.508 χ^2/NDF : 17.3/20

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: 2128.291+/-0.730 χ^2/NDF : 222866.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

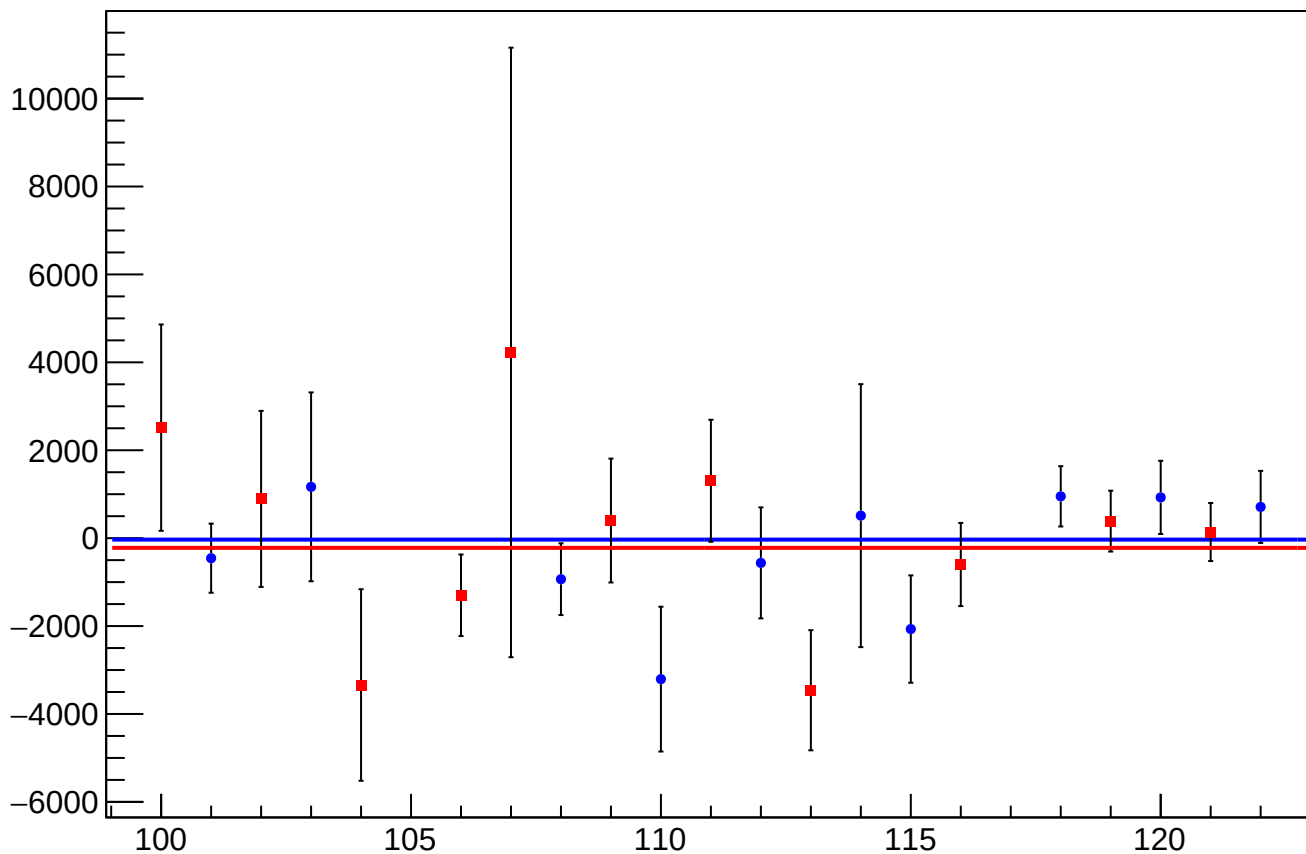
Right: 2112.904+/-0.526 χ^2/NDF : 802817.8/20

In: 2096.202+/-0.760 χ^2/NDF : 579023.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.904+/-0.526 χ^2/NDF : 802817.8/20

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -32.861+/-313.540 χ^2/NDF : 12.7/9

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

Right Out: -220.900+/-335.632 χ^2/NDF : 13.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

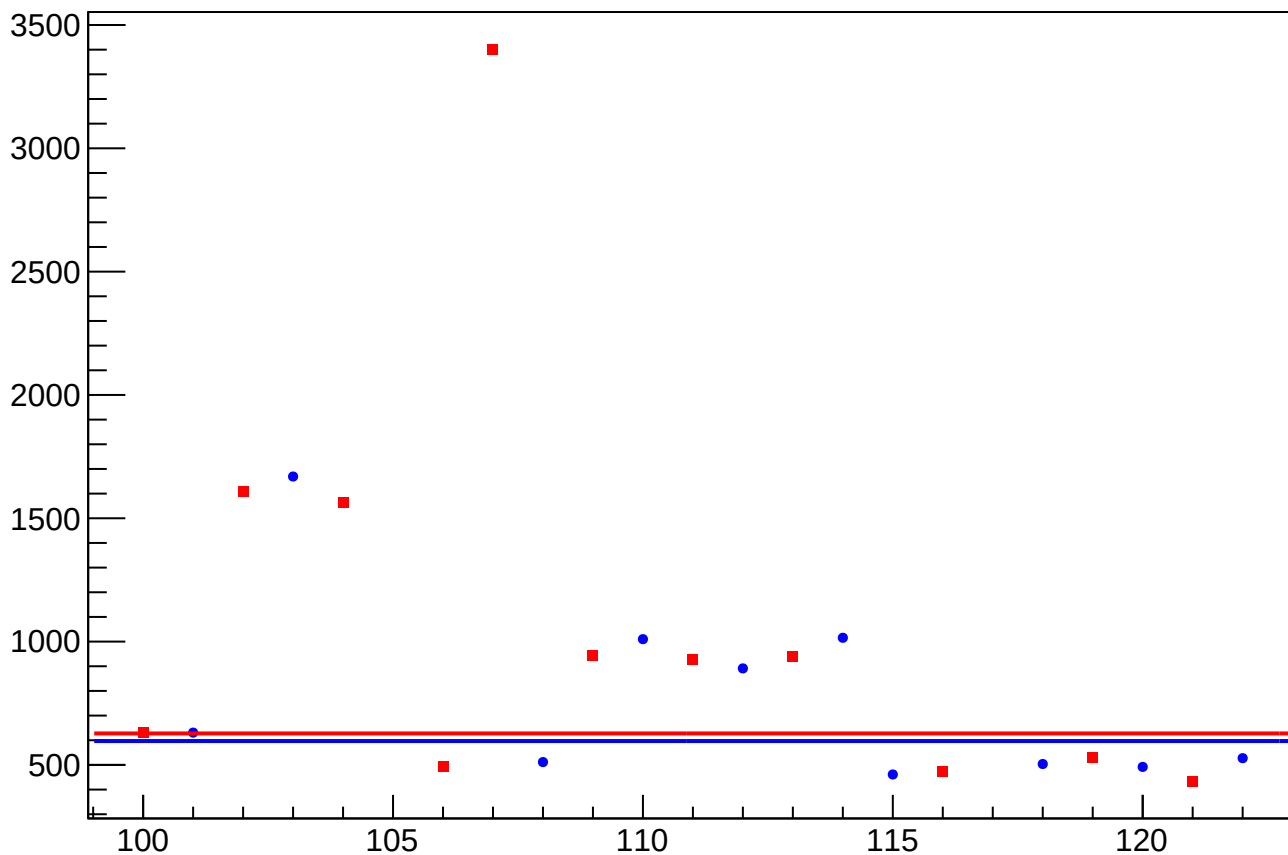
Right: -120.489+/-229.119 χ^2/NDF : 26.6/20

In: -32.861+/-313.540 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.489+/-229.119 χ^2/NDF : 26.6/20

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: 627.570+/-0.237 χ^2/NDF : 1779454.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

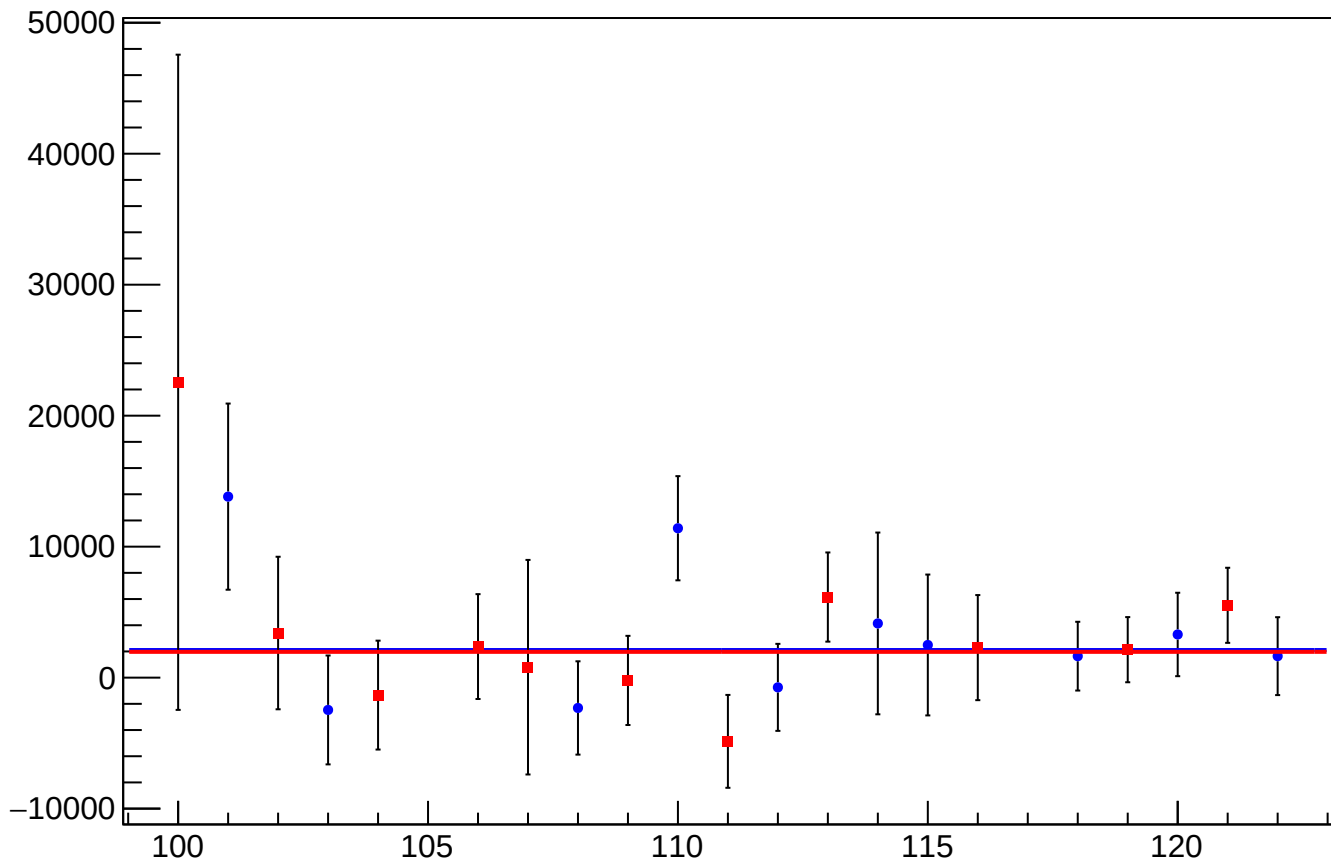
Right: 611.113+/-0.162 χ^2/NDF : 2694062.3/20

In: 596.751+/-0.222 χ^2/NDF : 905602.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.113+/-0.162 χ^2/NDF : 2694062.3/20

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: 1969.510+/-1144.130 χ^2/NDF : 8.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

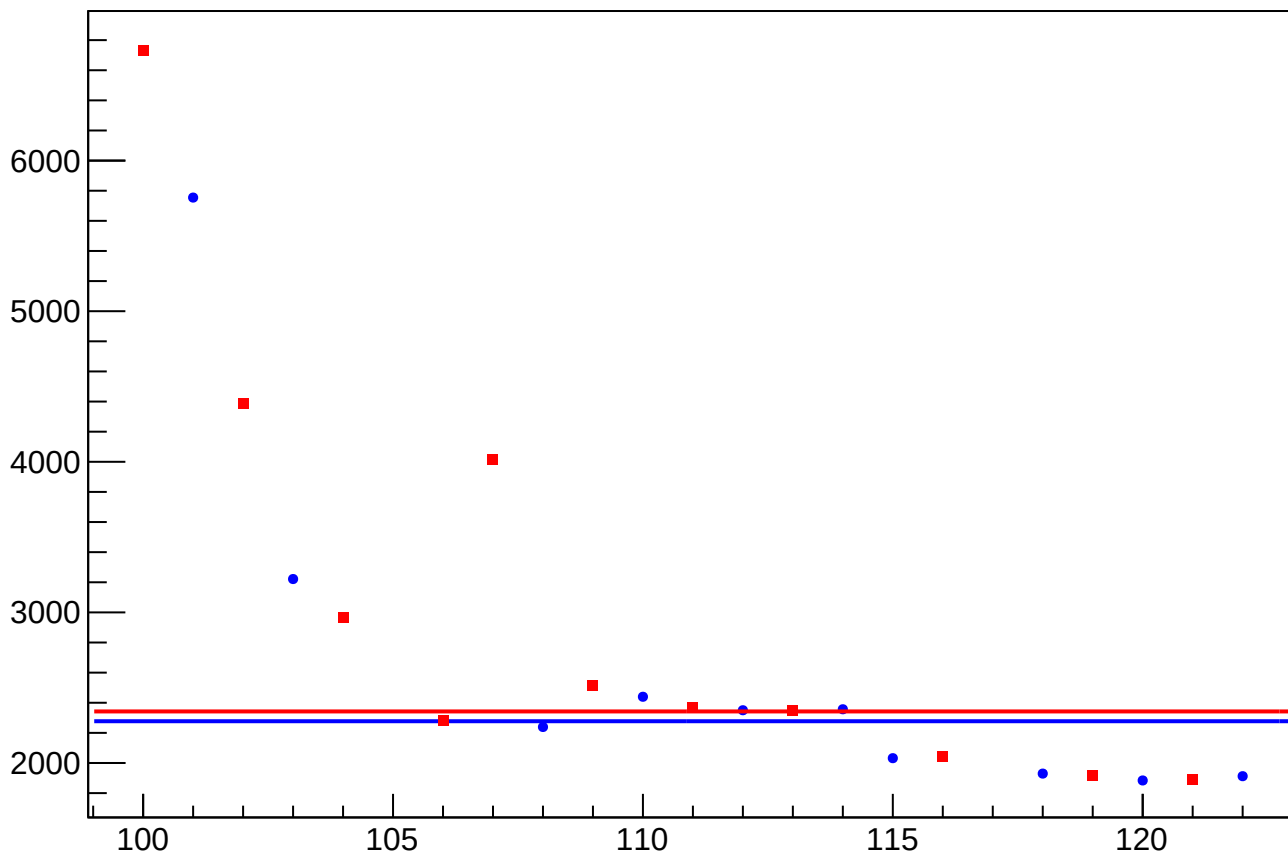
Right: 2036.789+/-820.194 χ^2/NDF : 20.5/20

In: 2107.917+/-1176.402 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2036.789+/-820.194 χ^2/NDF : 20.5/20

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: 2342.354+/-0.809 χ^2/NDF : 560070.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

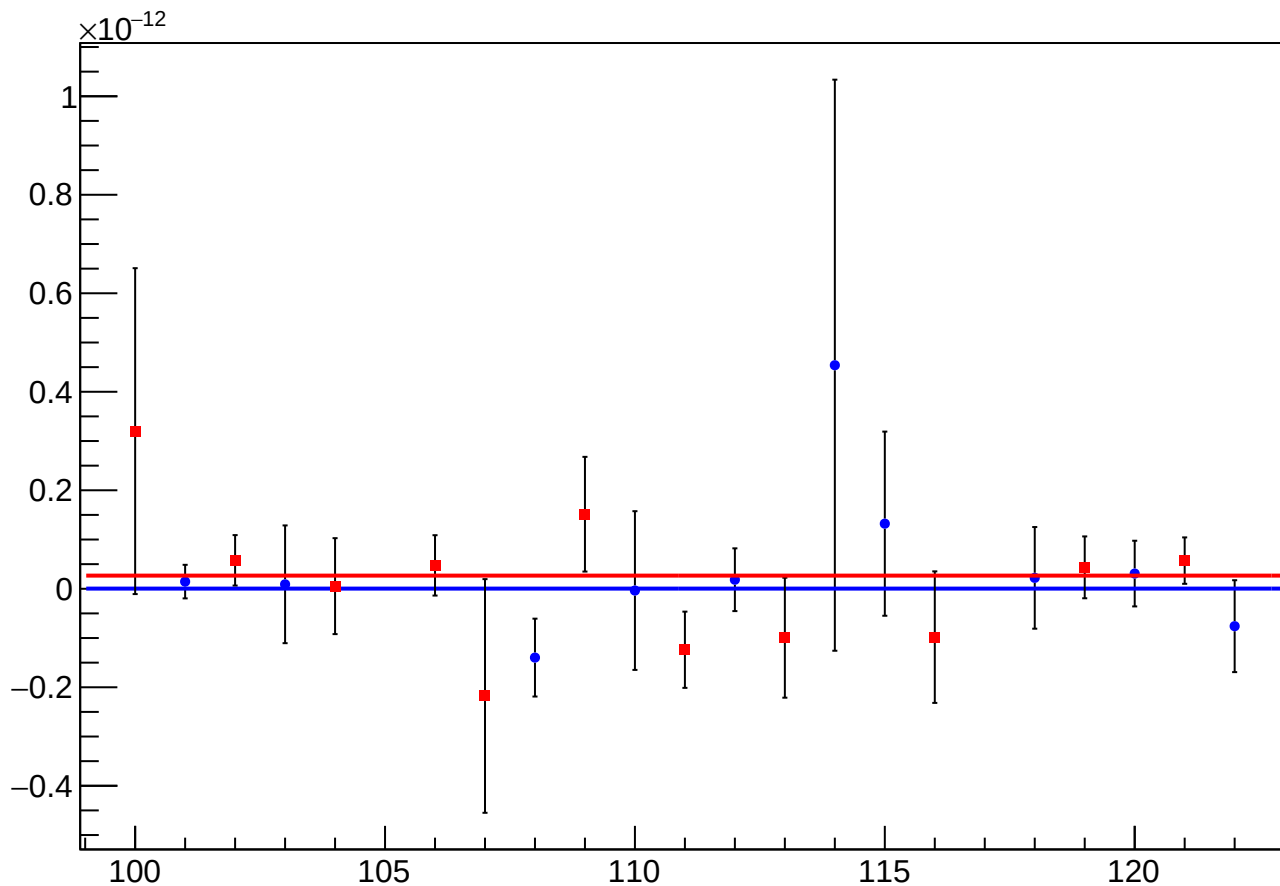
Right: 2310.754+/-0.580 χ^2/NDF : 1249959.6/20

In: 2277.346+/-0.832 χ^2/NDF :686750.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2310.754+/-0.580 χ^2/NDF : 1249959.6/20

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 : 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

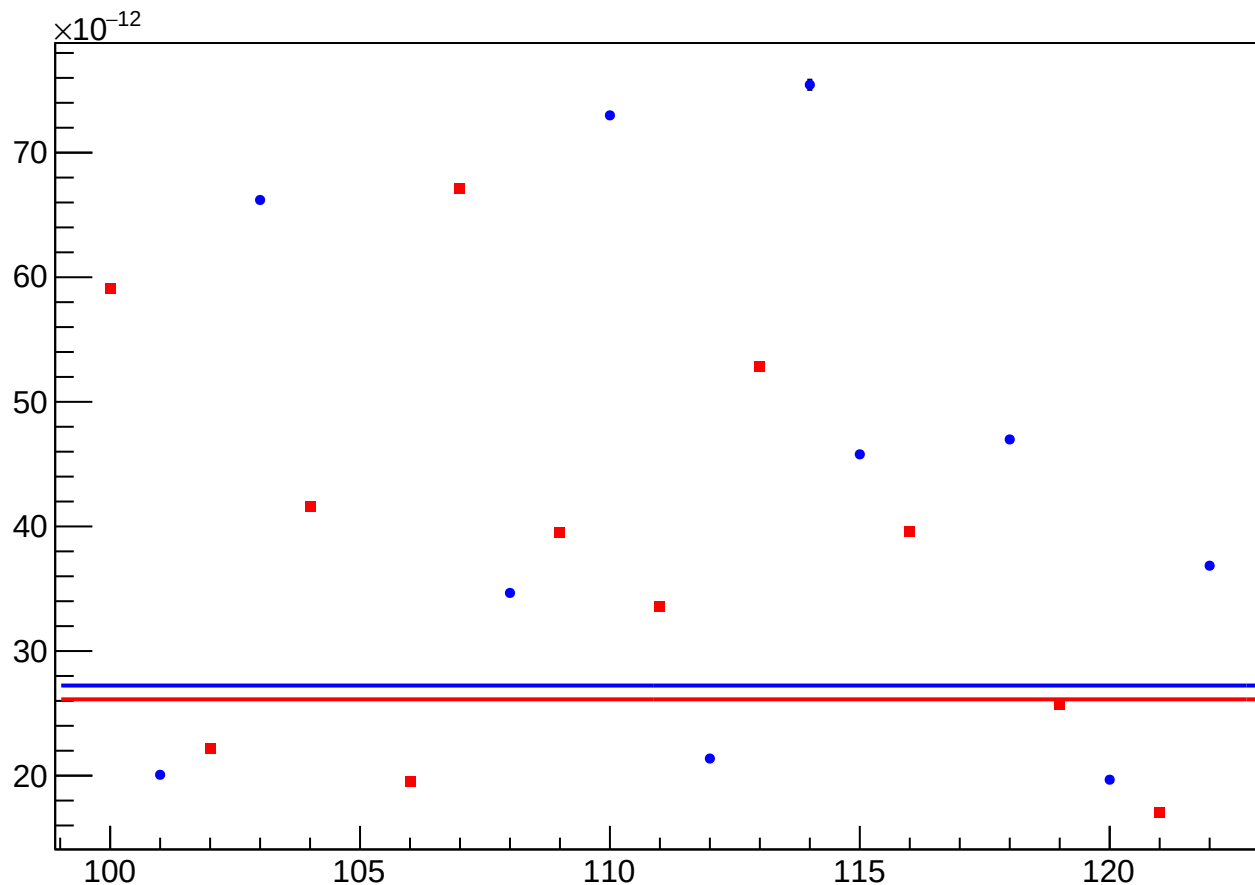
Right: 0.000+/-0.000 χ^2/NDF : 15.8/20

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 : 15.8/20

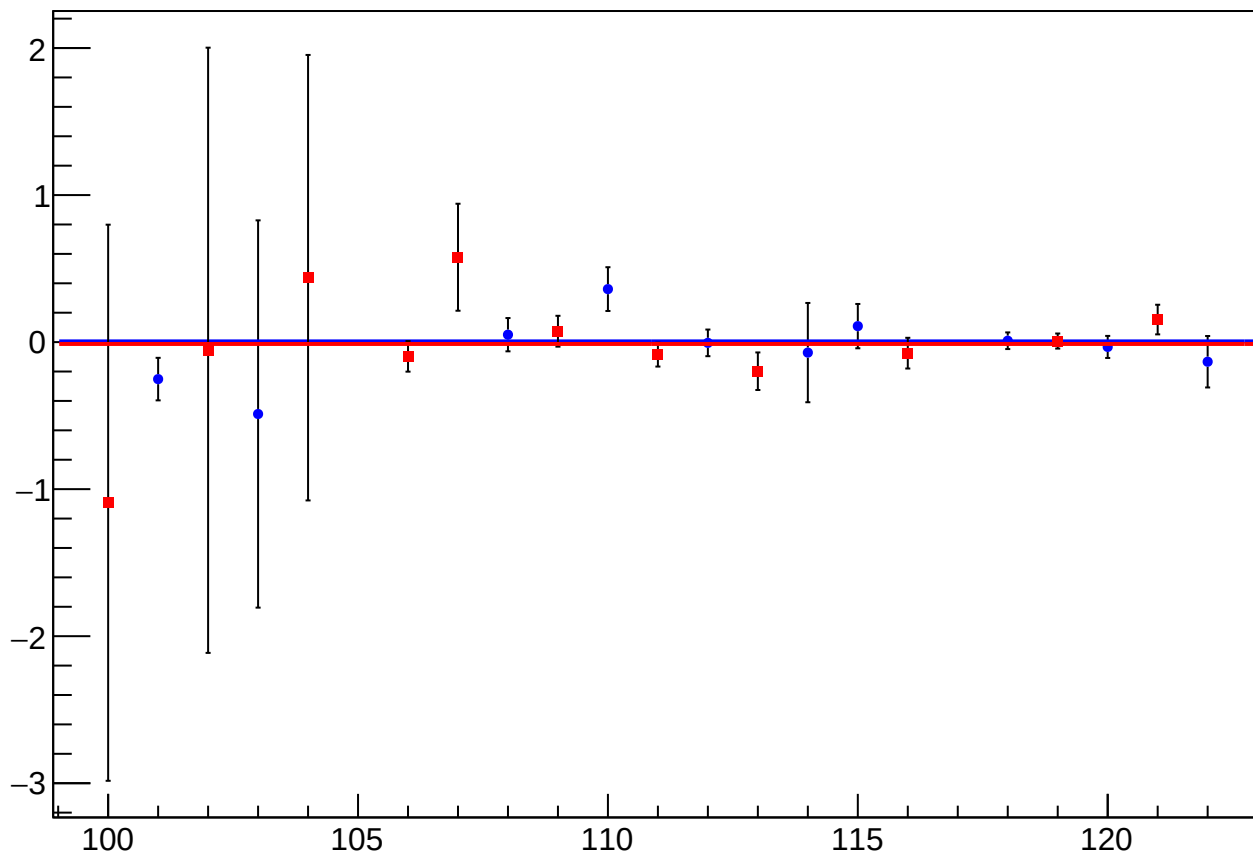
asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 401498.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1054314.8/20
 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 : 1054314.8/20

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 : 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

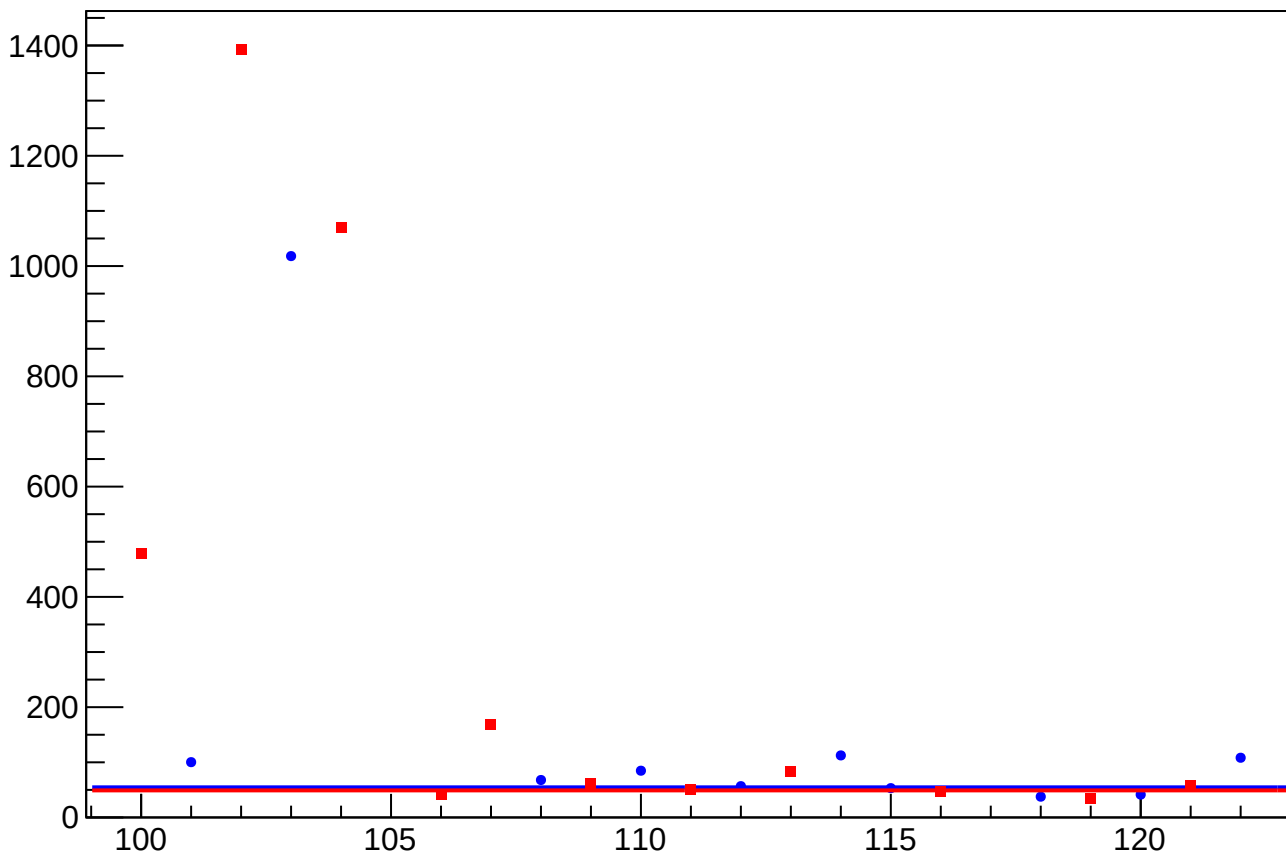
Right: -0.004+/-0.023 χ^2/NDF : 21.2/20

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 : 21.2/20

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: 49.101+/-0.023 χ^2/NDF : 2426395.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

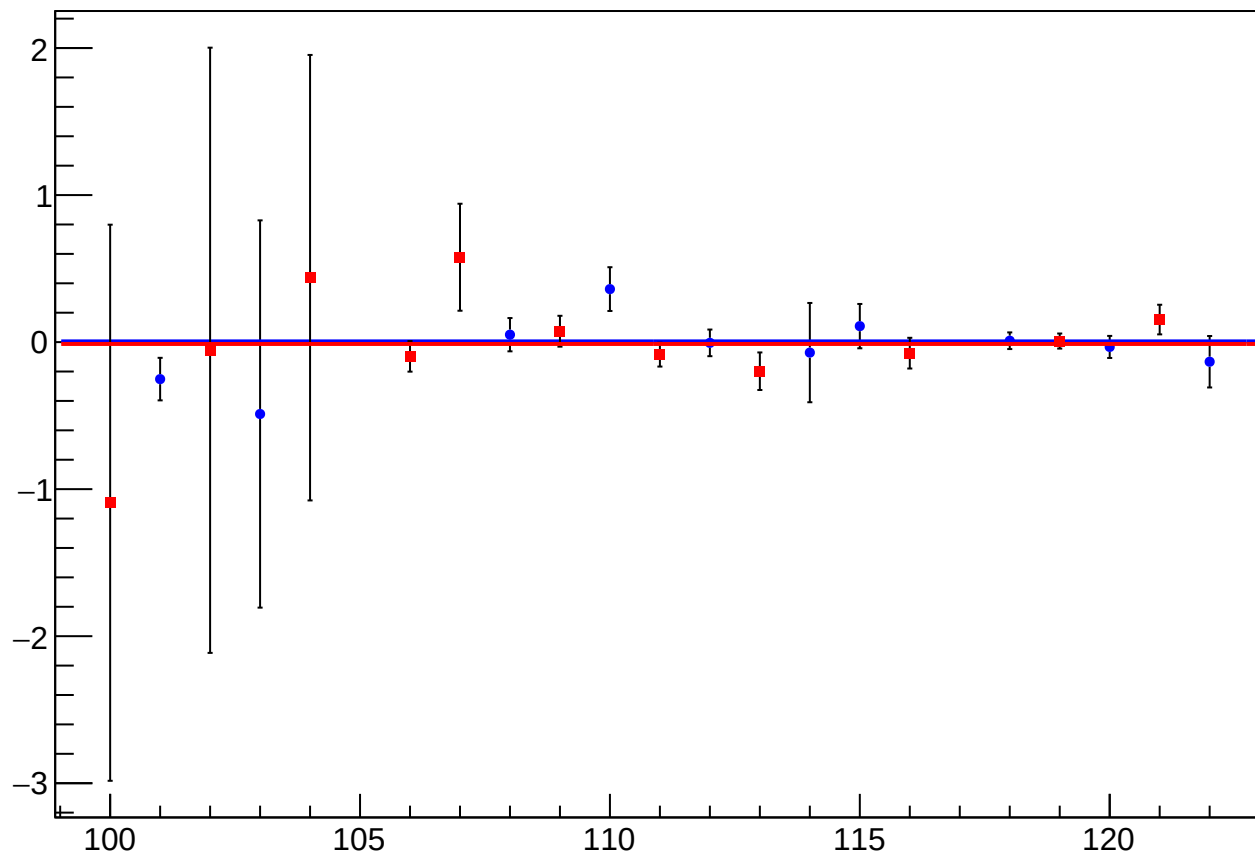
Right: 51.687+/-0.016 χ^2/NDF : 4322287.3/20

In: 54.596+/-0.024 χ^2/NDF : 1868115.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.687+/-0.016 χ^2/NDF : 4322287.3/20

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 : 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

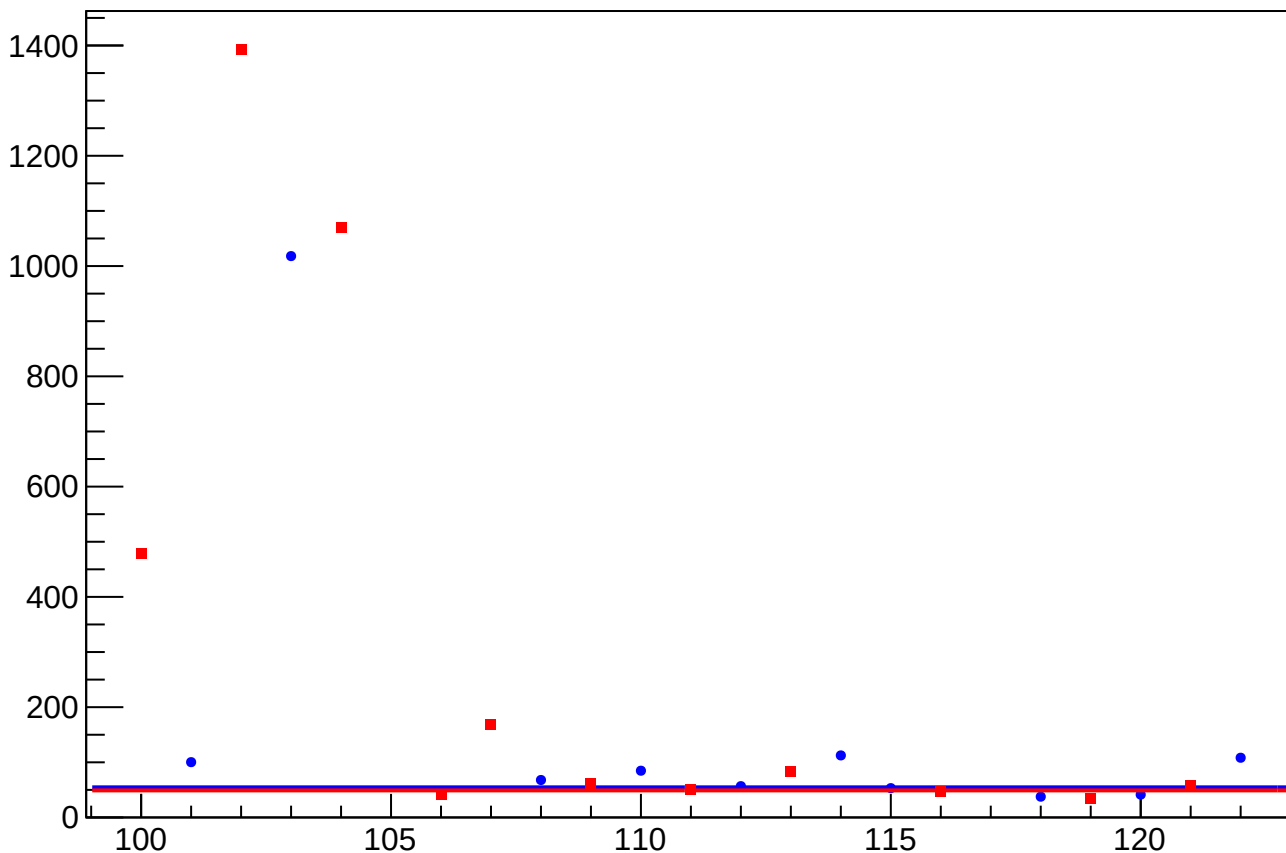
Right: -0.004+/-0.023 χ^2/NDF : 21.2/20

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 : 21.2/20

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: 49.101+/-0.023 χ^2/NDF : 2426395.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

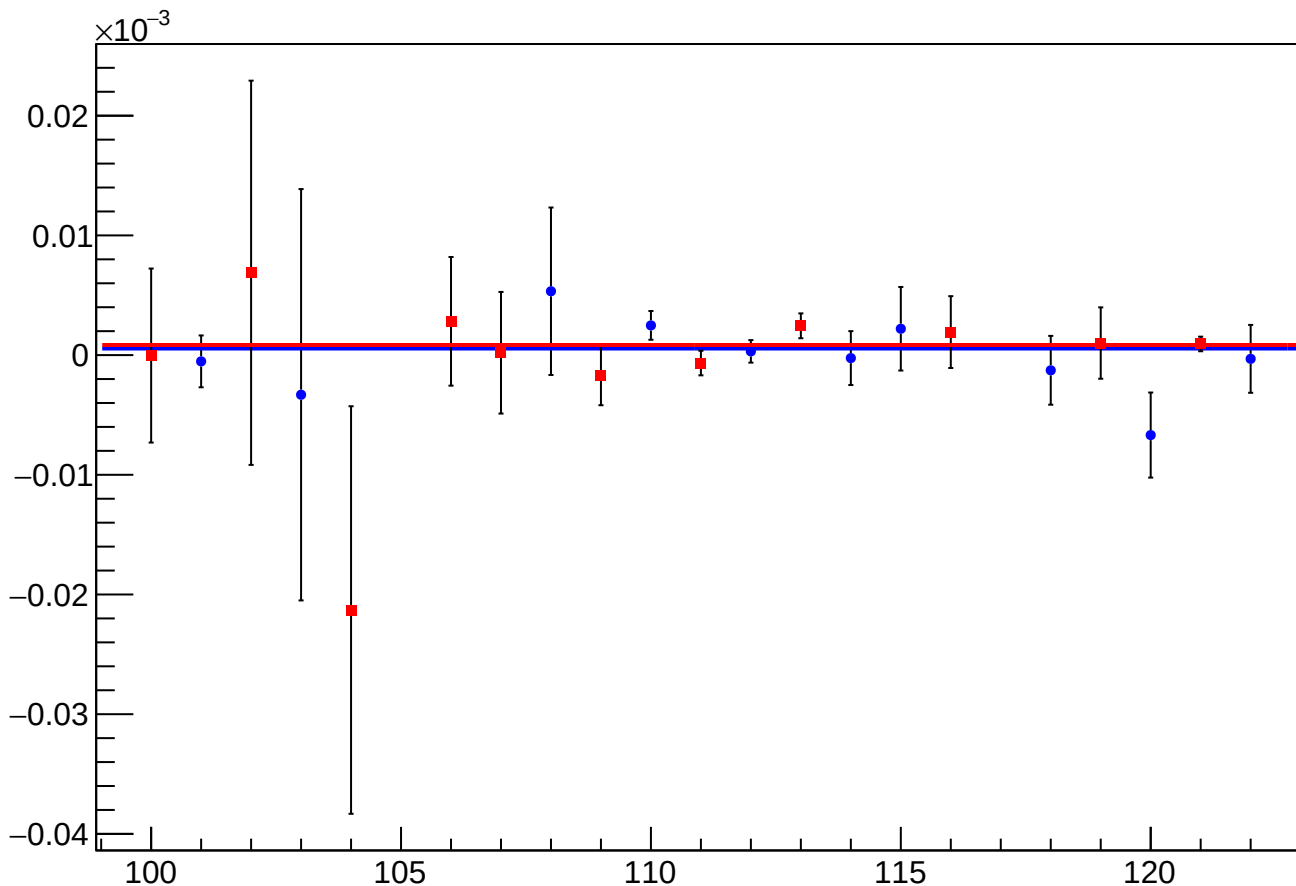
Right: 51.687+/-0.016 χ^2/NDF : 4322287.3/20

In: 54.596+/-0.024 χ^2/NDF : 1868115.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.687+/-0.016 χ^2/NDF : 4322287.3/20

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 : 7.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

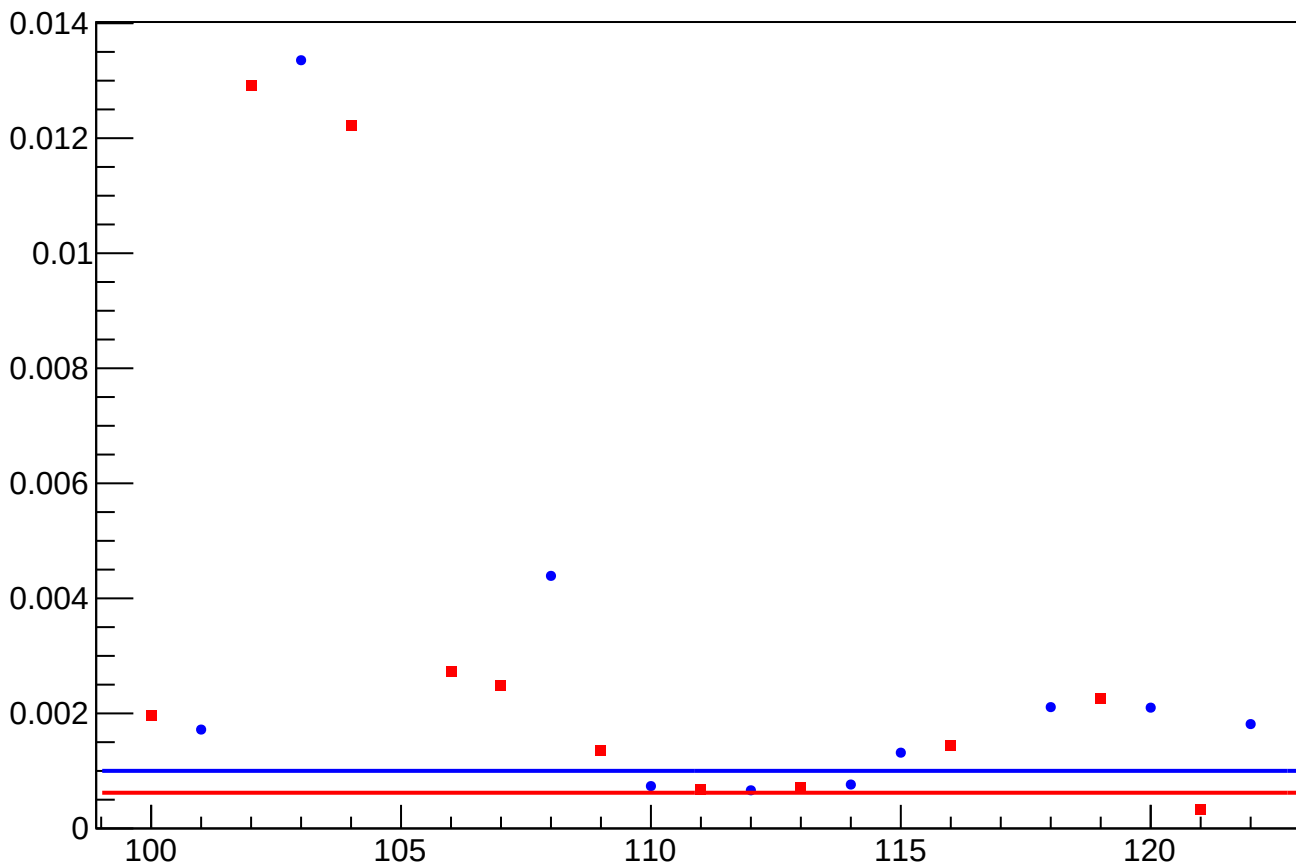
Right: 0.000+/-0.000 χ^2/NDF : 16.3/20

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 : 16.3/20

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 : 4171717.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

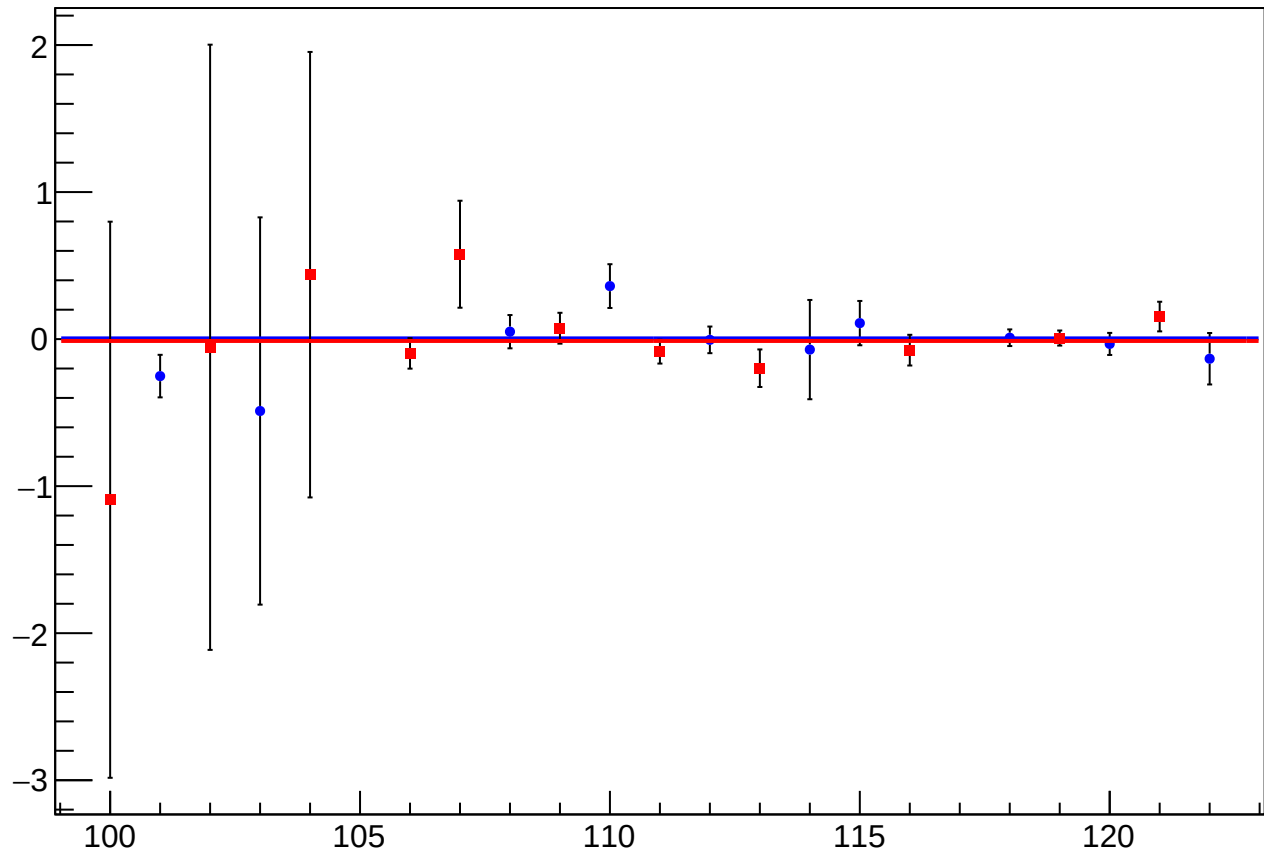
Right: 0.001+/-0.000 χ^2/NDF : 7446989.6/20

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 : 7446989.6/20

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 : 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

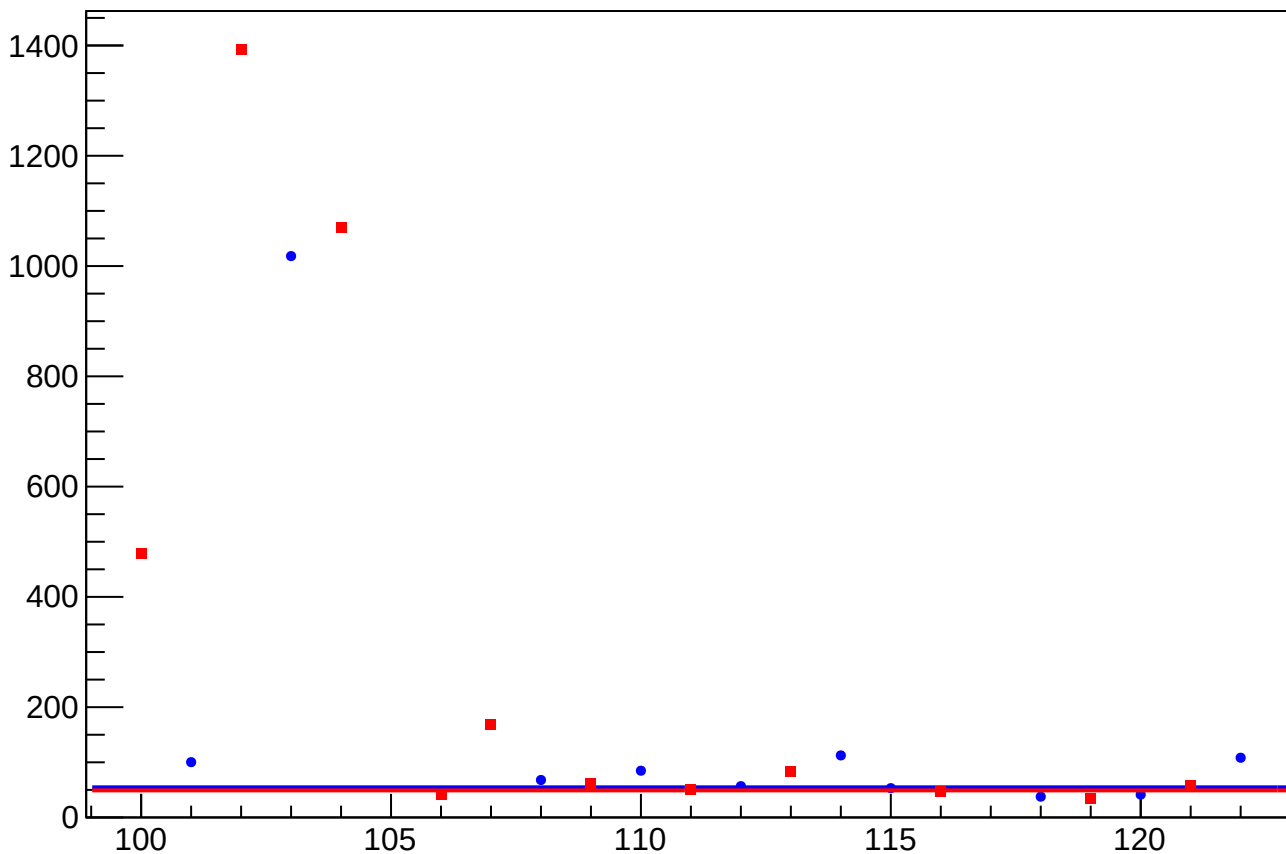
Right: -0.004+/-0.023 χ^2/NDF : 21.2/20

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 : 21.2/20

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: 49.099+/-0.023 χ^2/NDF : 2426436.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

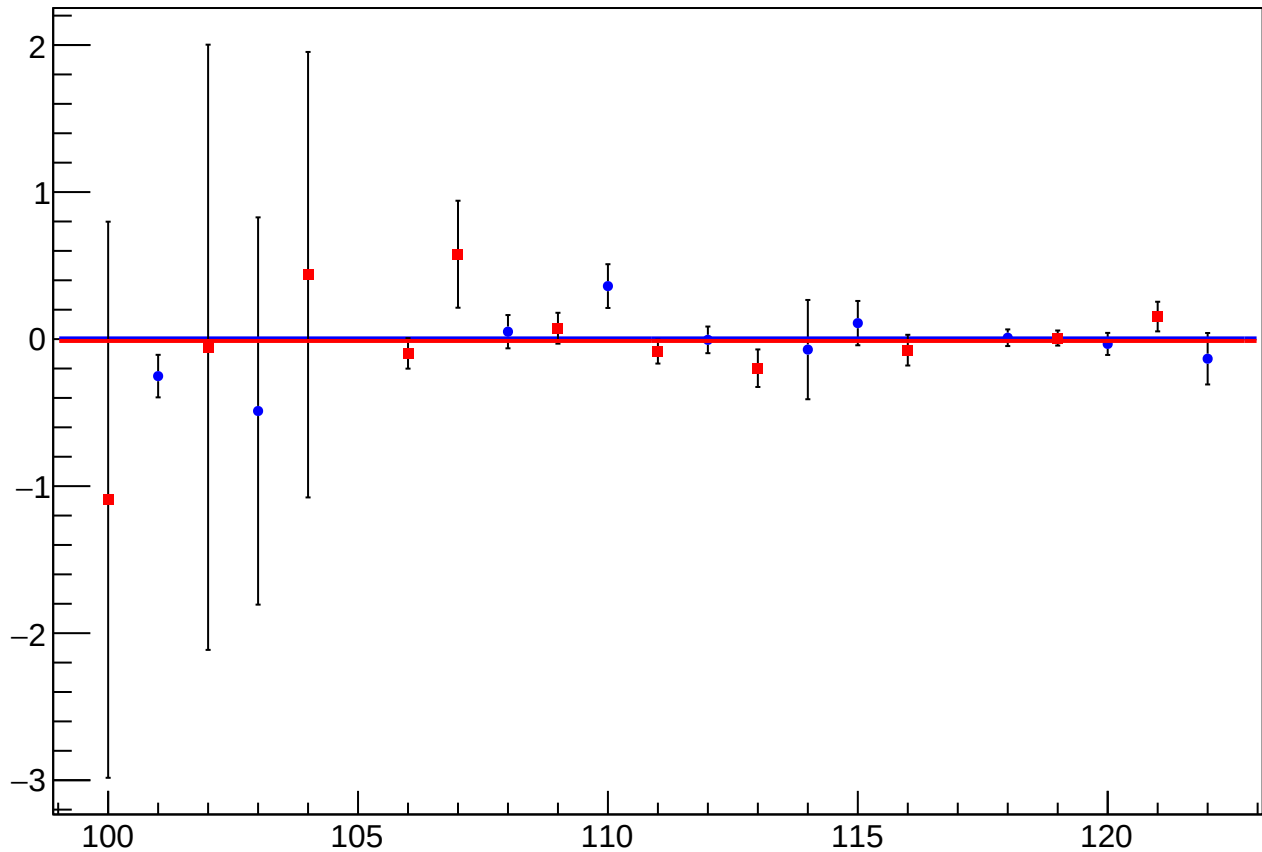
Right: 51.686+/-0.016 χ^2/NDF : 4322352.4/20

In: 54.596+/-0.024 χ^2/NDF : 1868127.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.686+/-0.016 χ^2/NDF : 4322352.4/20

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 : 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

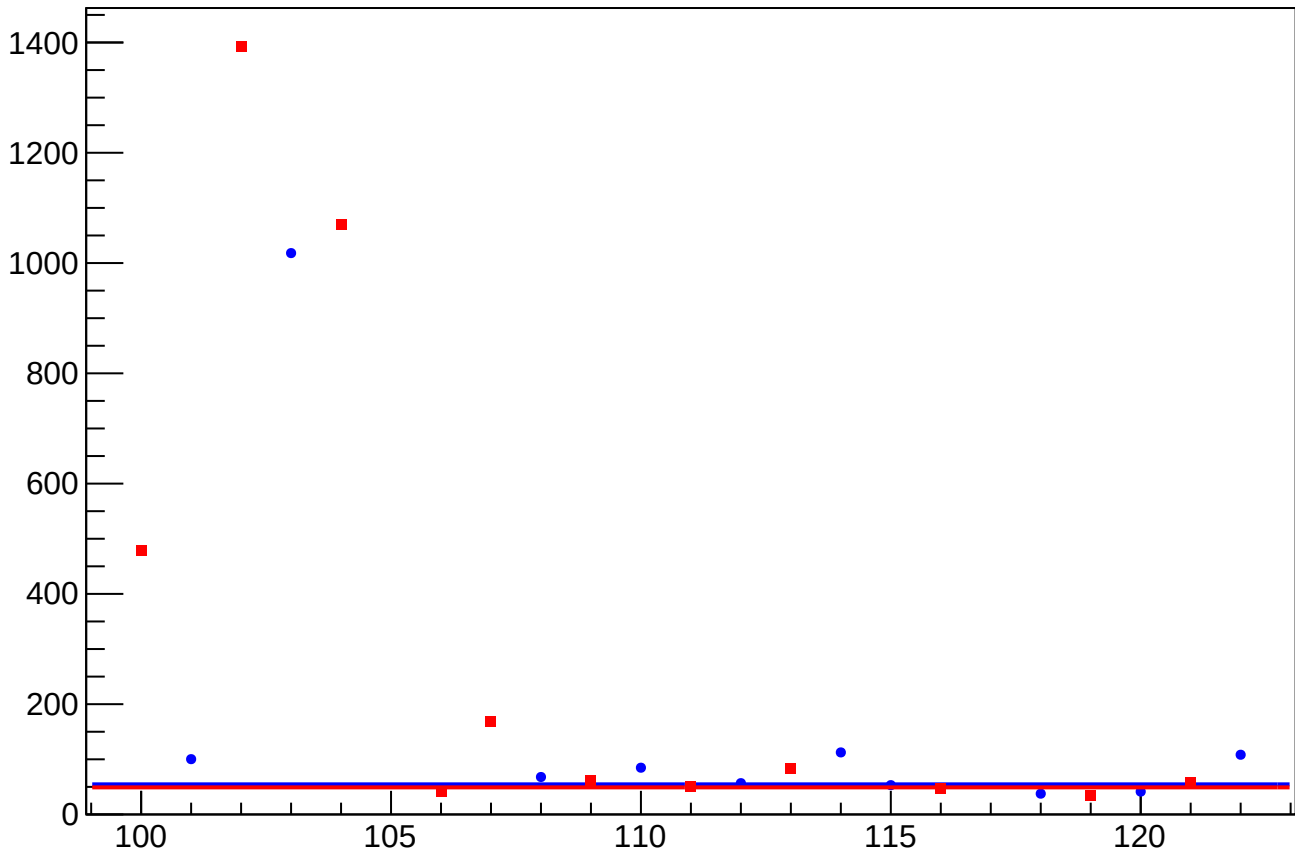
Right: -0.004+/-0.023 χ^2/NDF : 21.2/20

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 : 21.2/20

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: 49.099+/-0.023 χ^2/NDF : 2426436.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

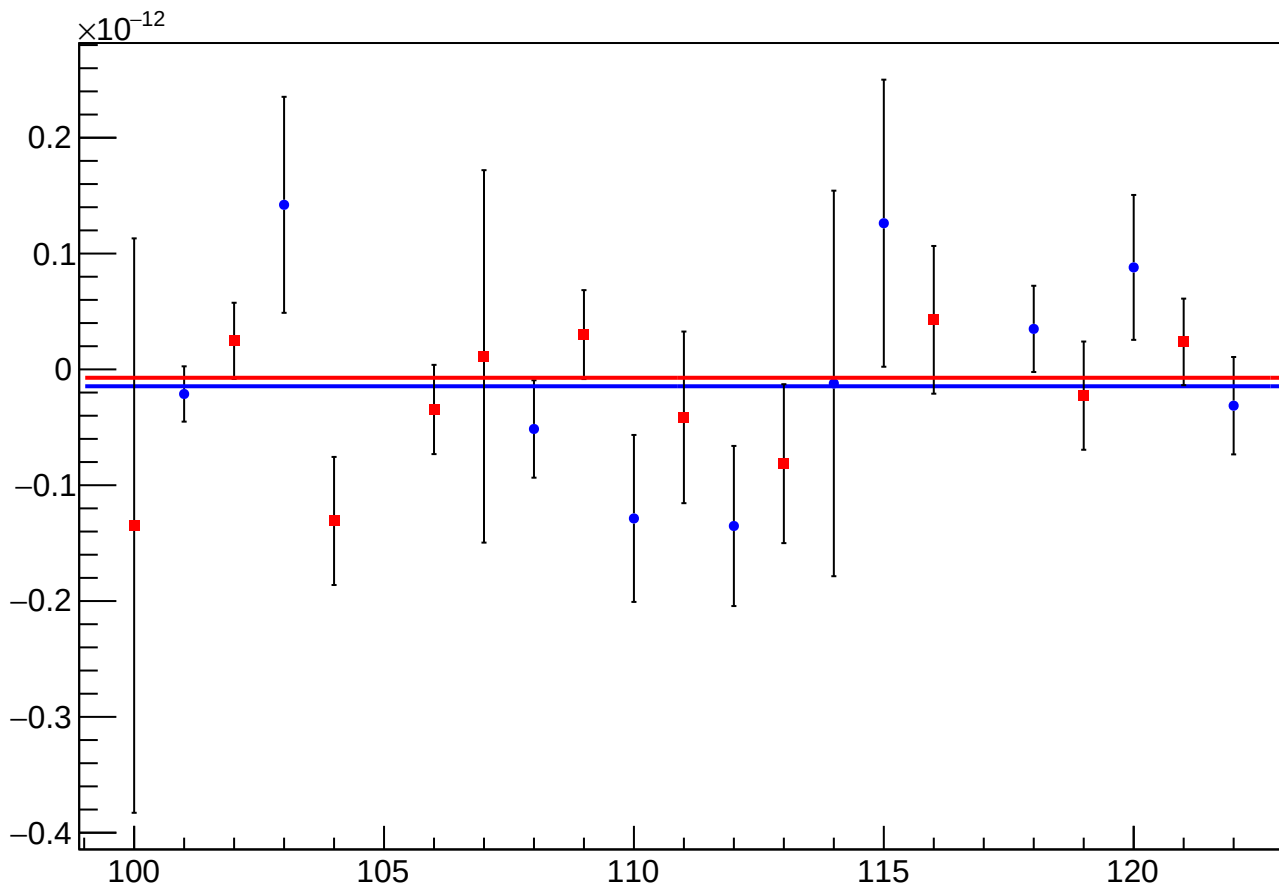
Right: 51.686+/-0.016 χ^2/NDF : 4322352.4/20

In: 54.596+/-0.024 χ^2/NDF : 1868127.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.686+/-0.016 χ^2/NDF : 4322352.4/20

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 : 10.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

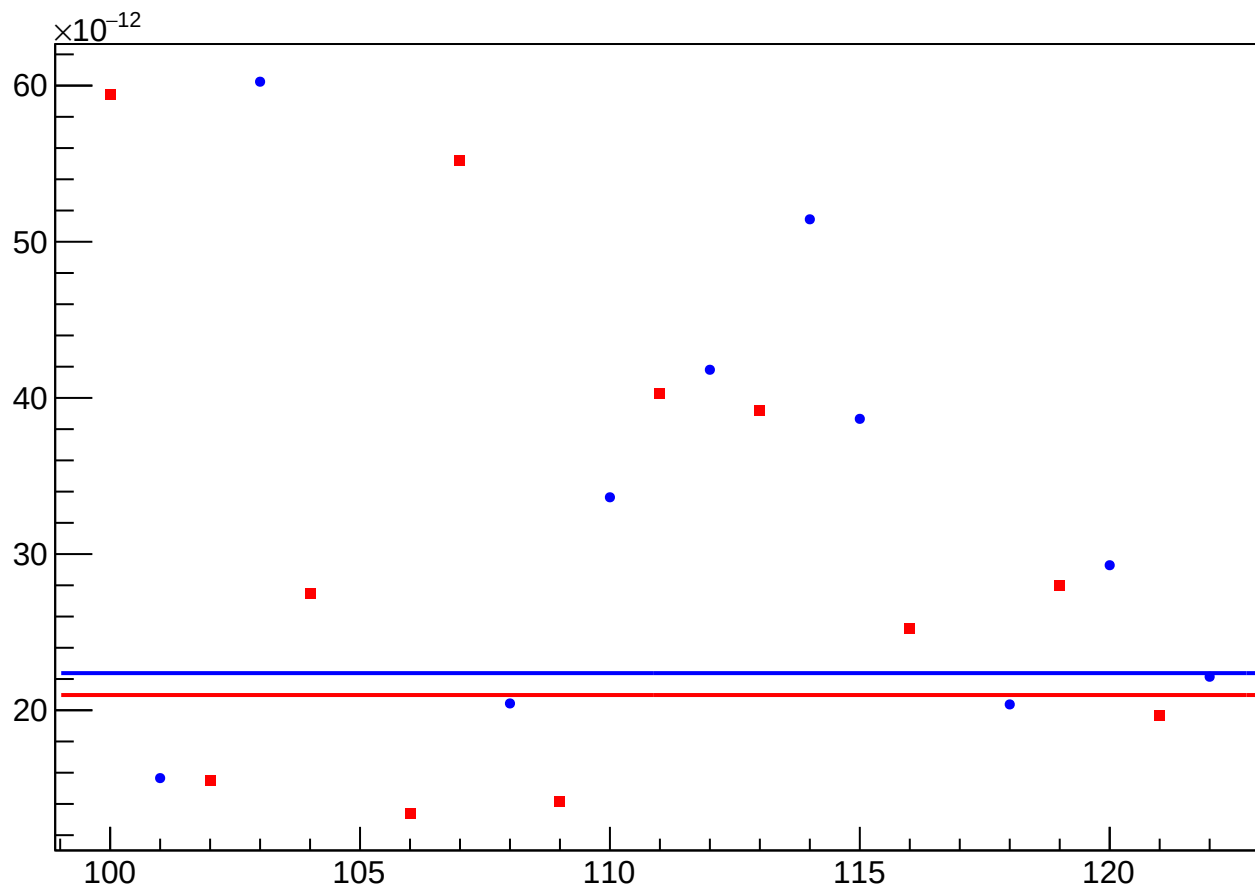
Right: -0.000+/-0.000 χ^2/NDF : 25.7/20

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 : 25.7/20

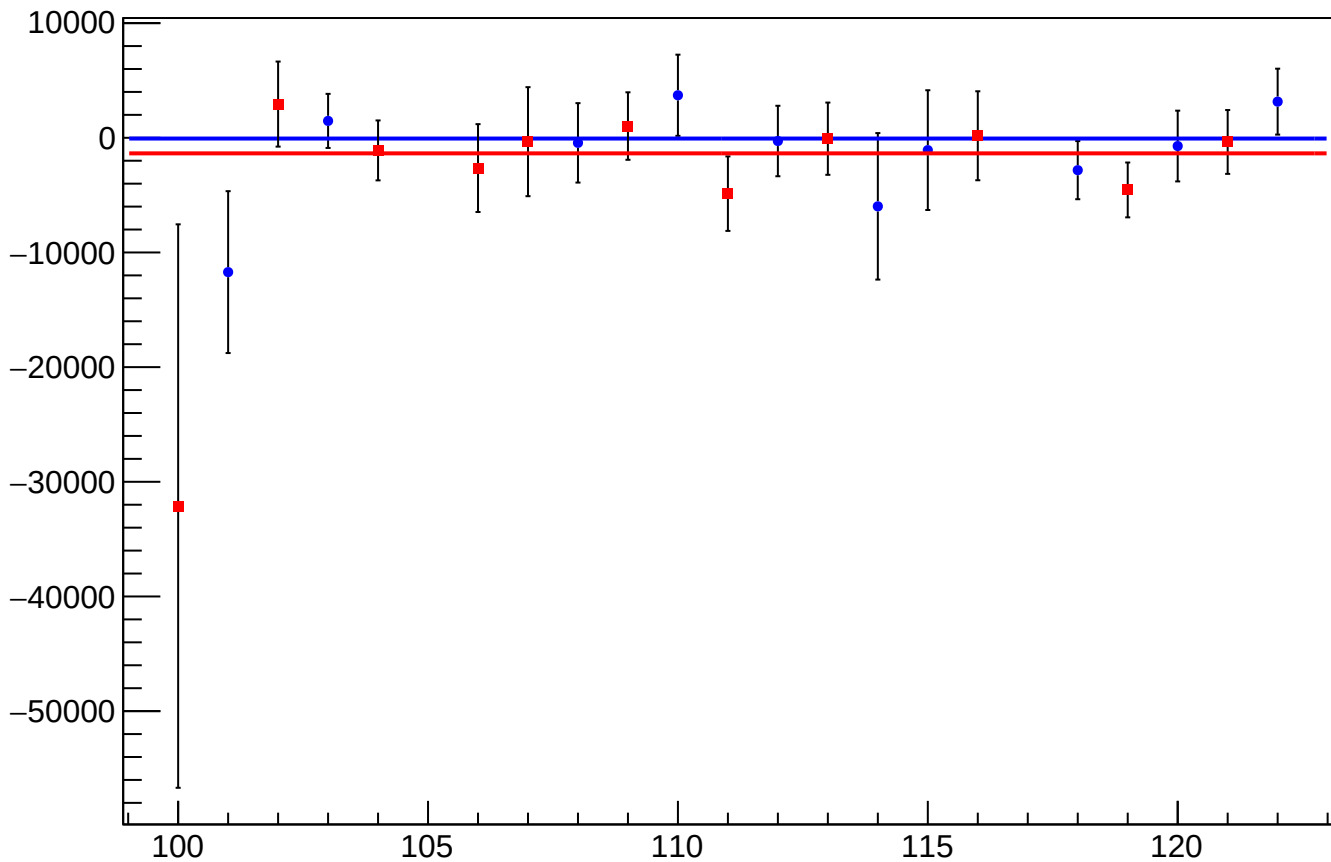
asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 695744.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1529834.7/20
 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 : 1529834.7/20

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -65.446+/-1047.236 χ^2/NDF : 7.7/9

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

Right Out: -1357.509+/-992.835 χ^2/NDF : 7.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

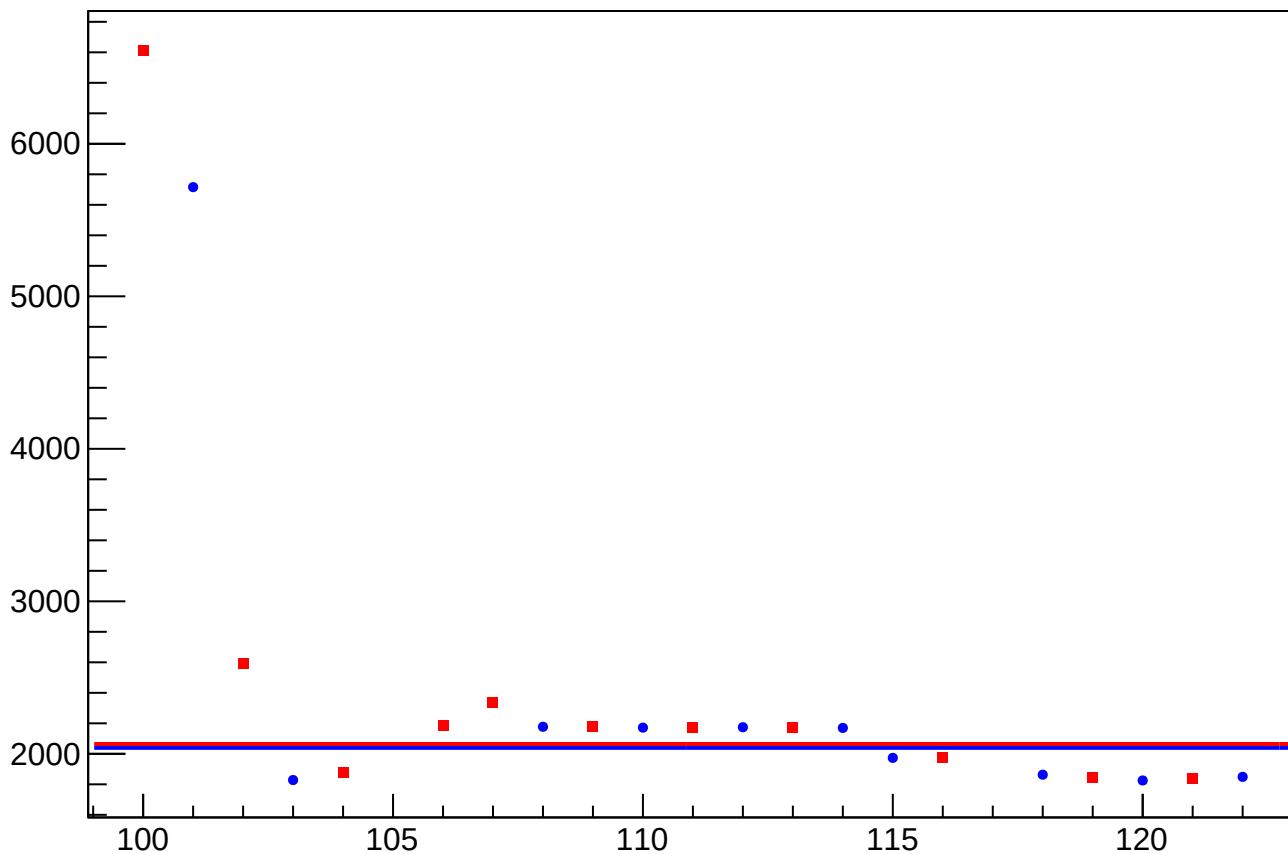
Right: -745.907+/-720.505 χ^2/NDF : 15.6/20

In: -65.446+/-1047.236 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -745.907+/-720.505 χ^2/NDF : 15.6/20

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: 2064.362+/-0.702 χ^2/NDF : 166126.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

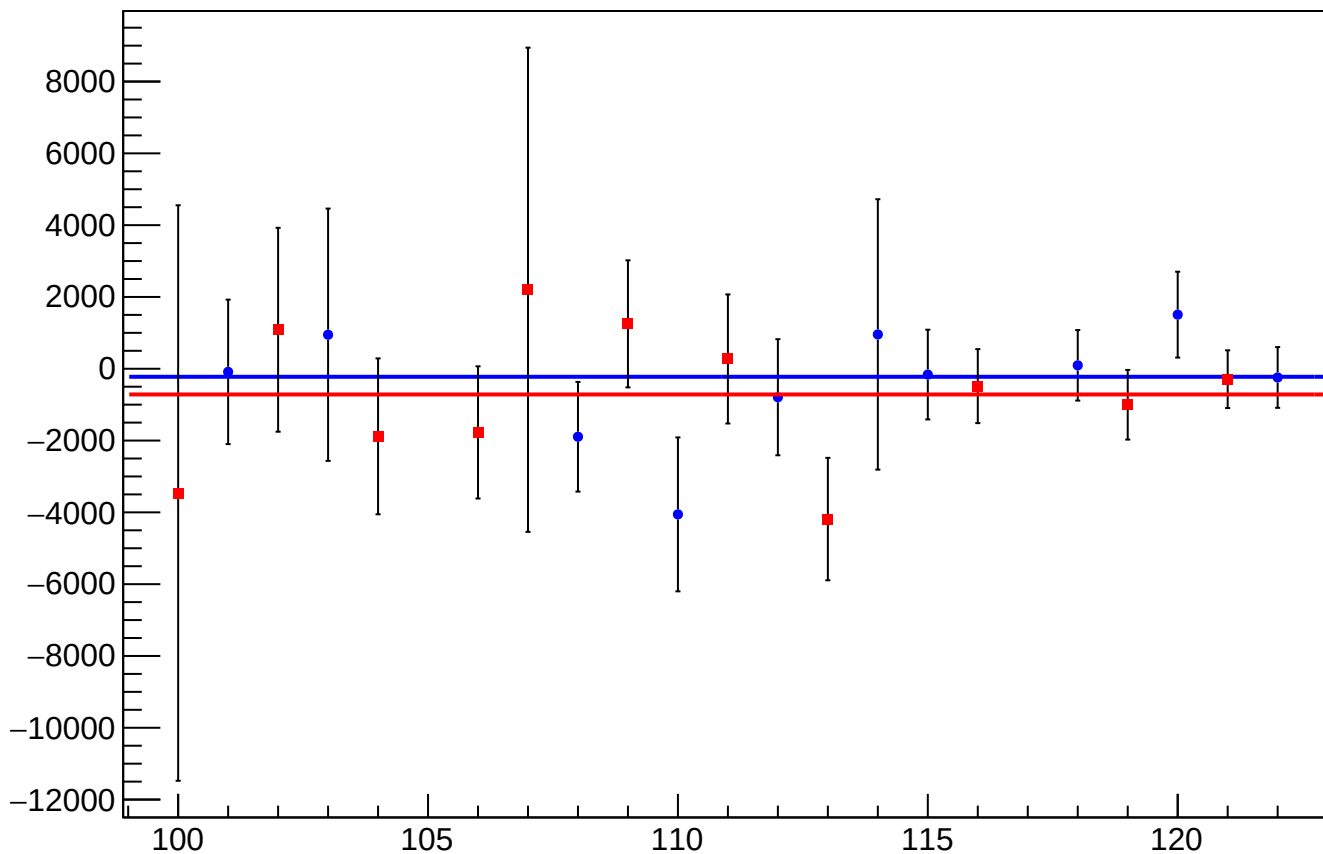
Right: 2052.518+/-0.509 χ^2/NDF : 764417.9/20

In: 2039.340+/-0.741 χ^2/NDF : 597689.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.518+/-0.509 χ^2/NDF : 764417.9/20

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: -716.377+/-438.846 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

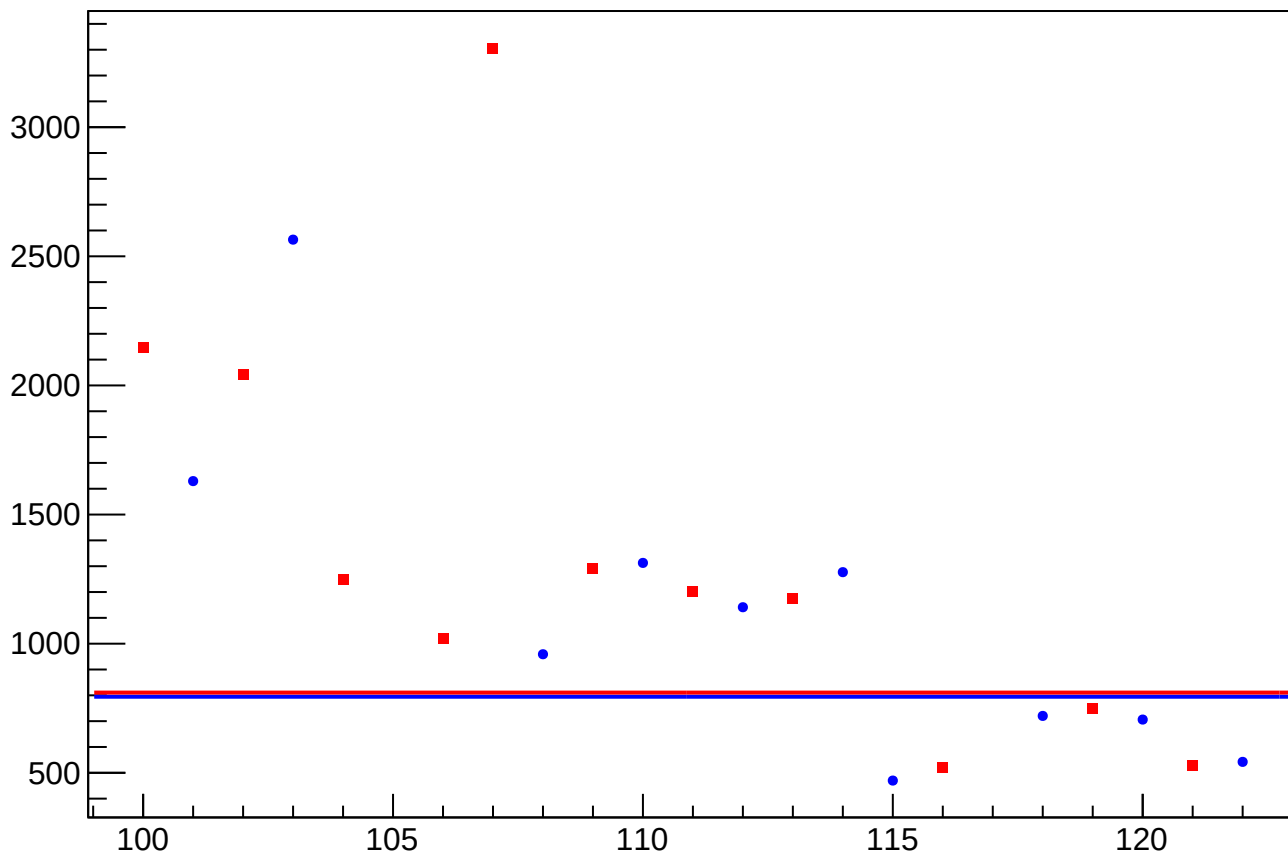
Right: -469.832+/-310.194 χ^2/NDF : 15.0/20

In: -223.658+/-438.516 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -469.832+/-310.194 χ^2/NDF : 15.0/20

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: 810.627+/-0.310 χ^2/NDF : 1562749.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

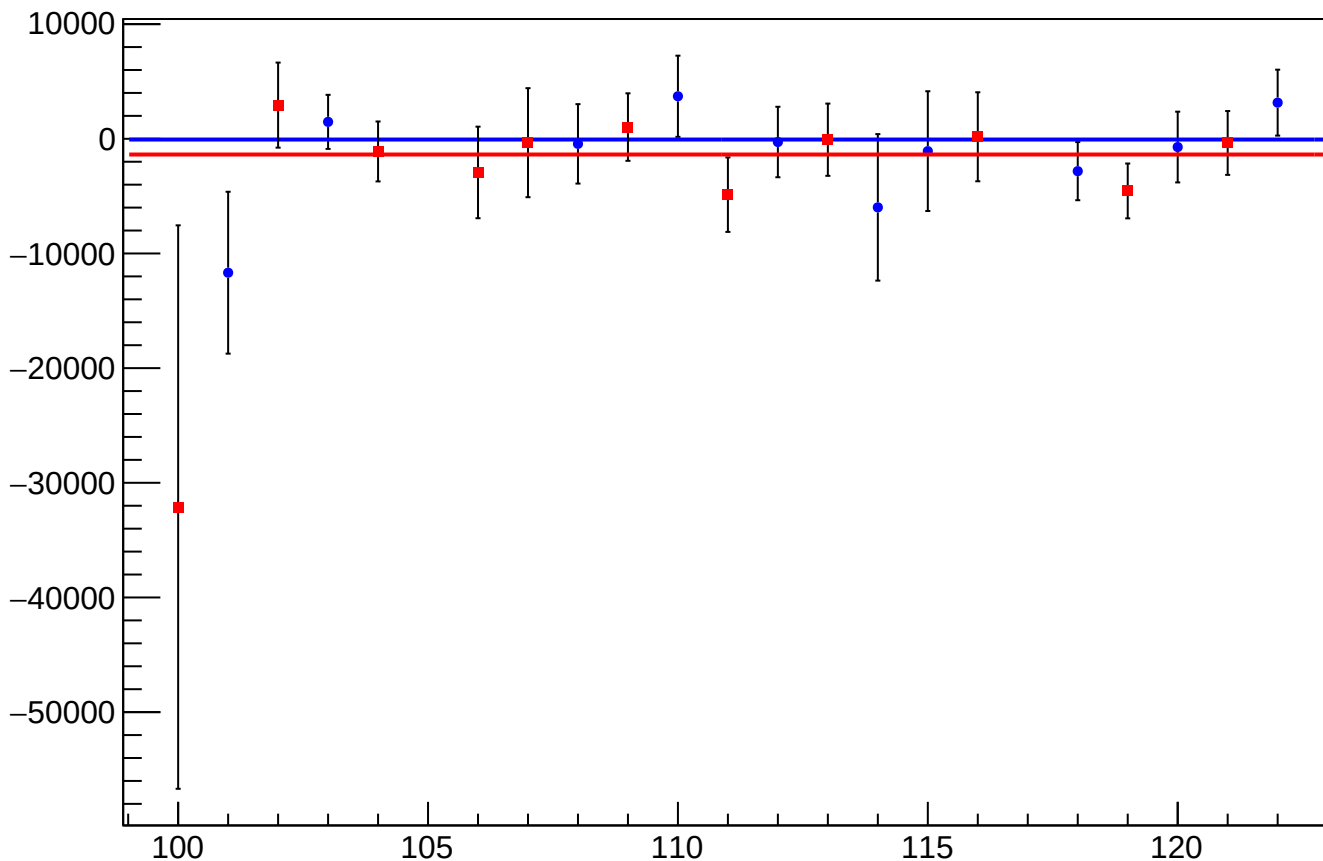
Right: 802.625+/-0.219 χ^2/NDF : 3015686.2/20

In: 794.636+/-0.310 χ^2/NDF : 1451608.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 802.625+/-0.219 χ^2/NDF : 3015686.2/20

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: -1369.911+/-995.476 χ^2/NDF : 7.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

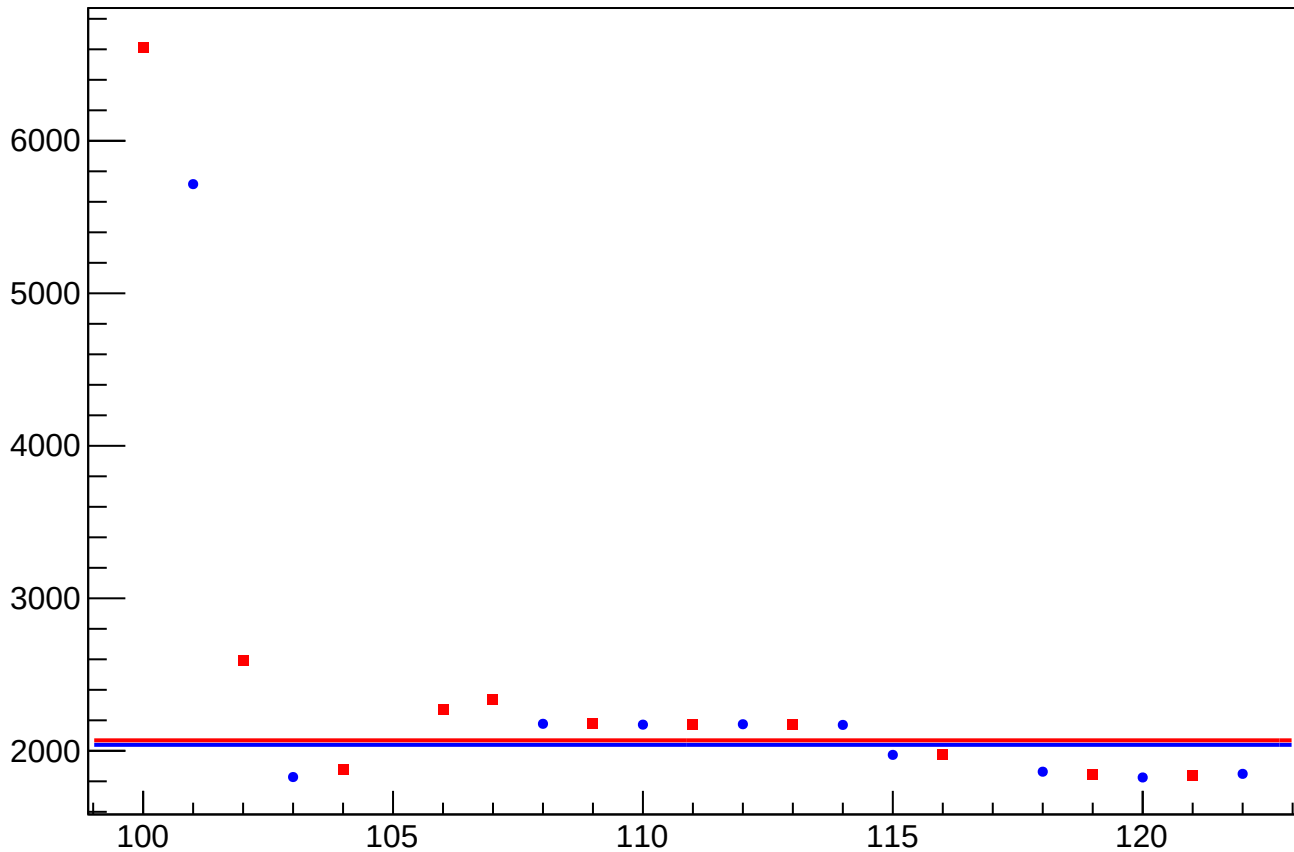
Right: -750.007+/-721.512 χ^2/NDF : 15.7/20

In: -63.963+/-1047.236 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -750.007+/-721.512 χ^2/NDF : 15.7/20

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: 2068.801+/-0.704 χ^2/NDF : 169293.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

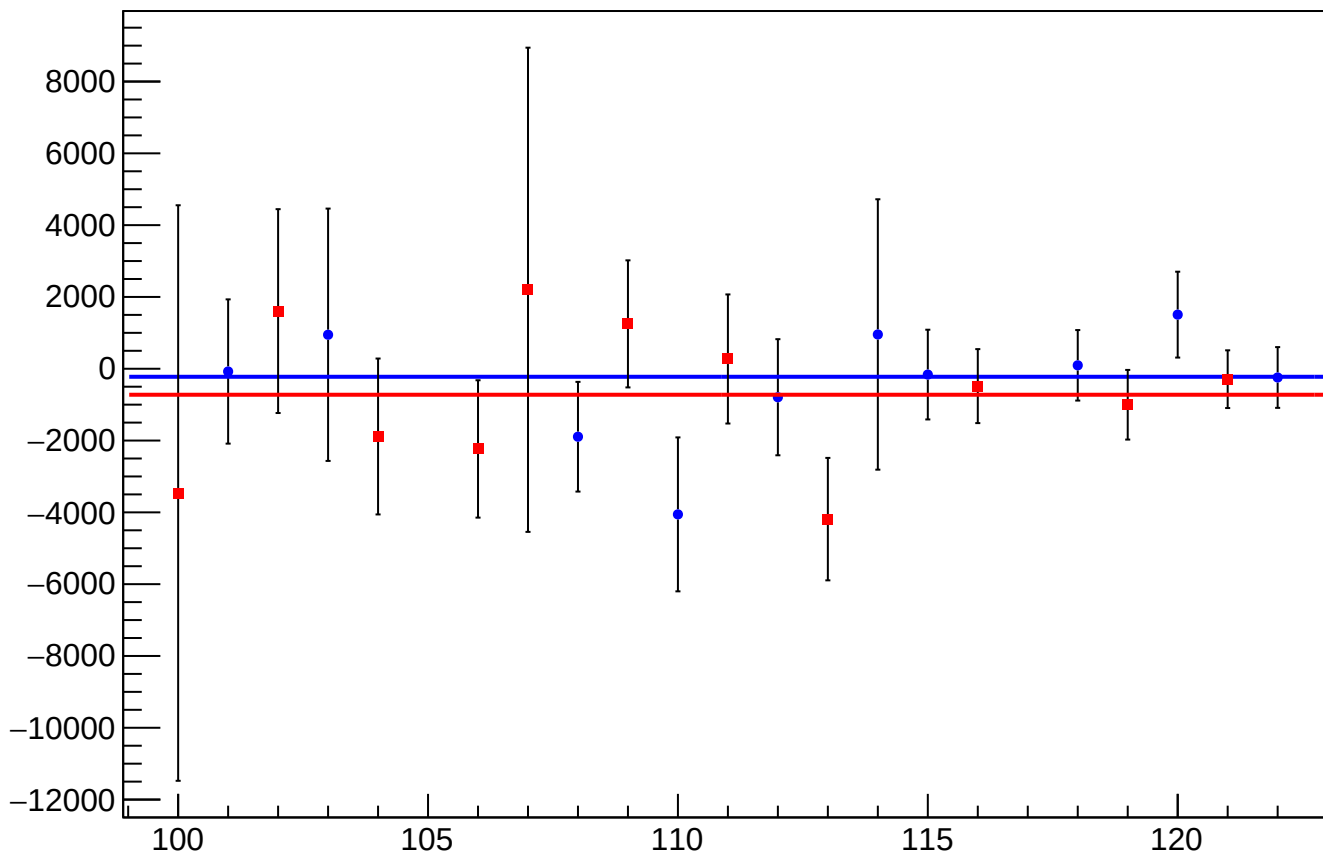
Right: 2054.817+/-0.510 χ^2/NDF : 767815.0/20

In: 2039.340+/-0.741 χ^2/NDF : 597689.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.817+/-0.510 χ^2/NDF : 767815.0/20

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: -724.061+/-439.745 χ^2/NDF : 8.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

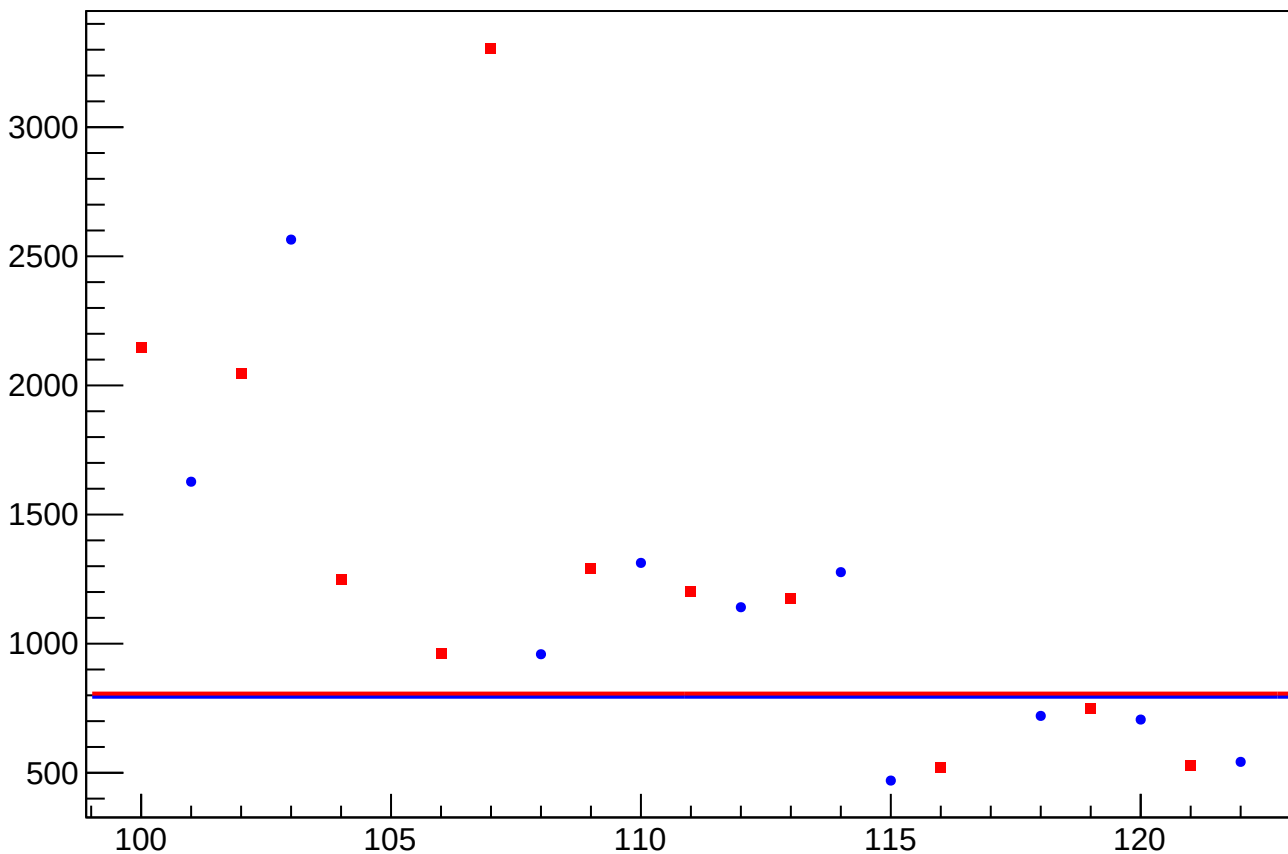
Right: -473.080+/-310.498 χ^2/NDF : 15.6/20

In: -223.541+/-438.479 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.080+/-310.498 χ^2/NDF : 15.6/20

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: 806.694+/-0.311 χ^2/NDF : 1551755.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

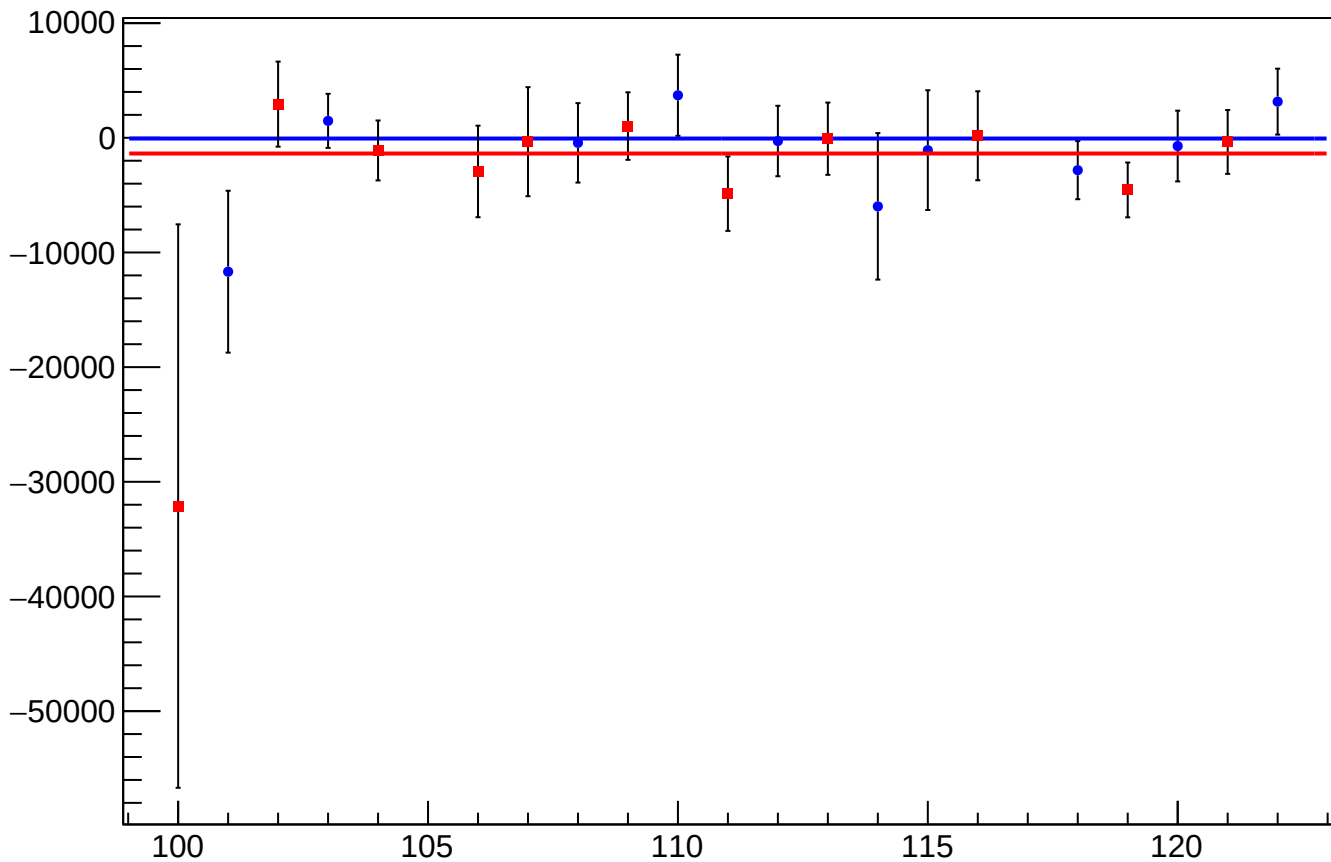
Right: 800.642+/-0.220 χ^2/NDF : 3003243.2/20

In: 794.625+/-0.310 χ^2/NDF :1450731.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 800.642+/-0.220 χ^2/NDF : 3003243.2/20

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: -1369.911+/-995.476 χ^2/NDF : 7.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

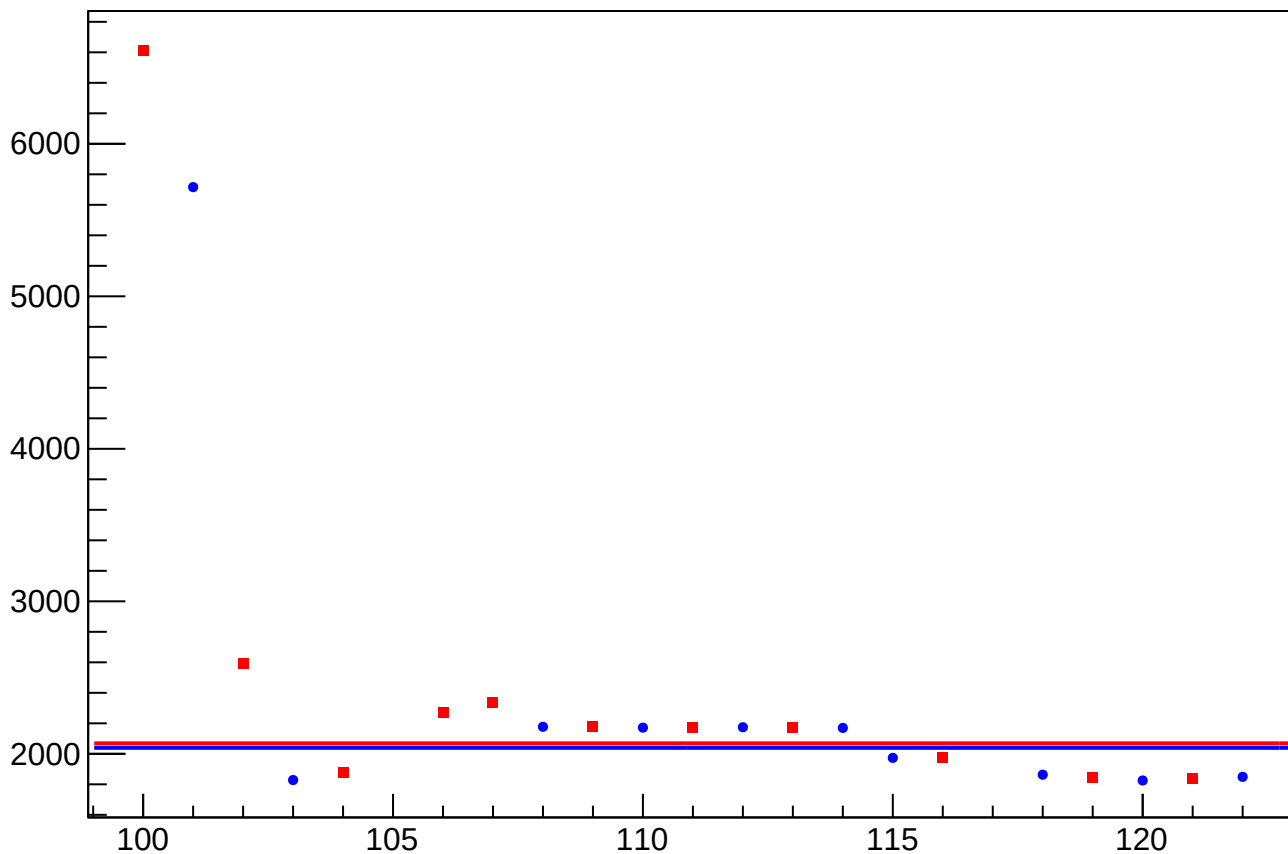
Right: -750.007+/-721.512 χ^2/NDF : 15.7/20

In: -63.963+/-1047.236 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -750.007+/-721.512 χ^2/NDF : 15.7/20

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: 2068.801+/-0.704 χ^2/NDF : 169293.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

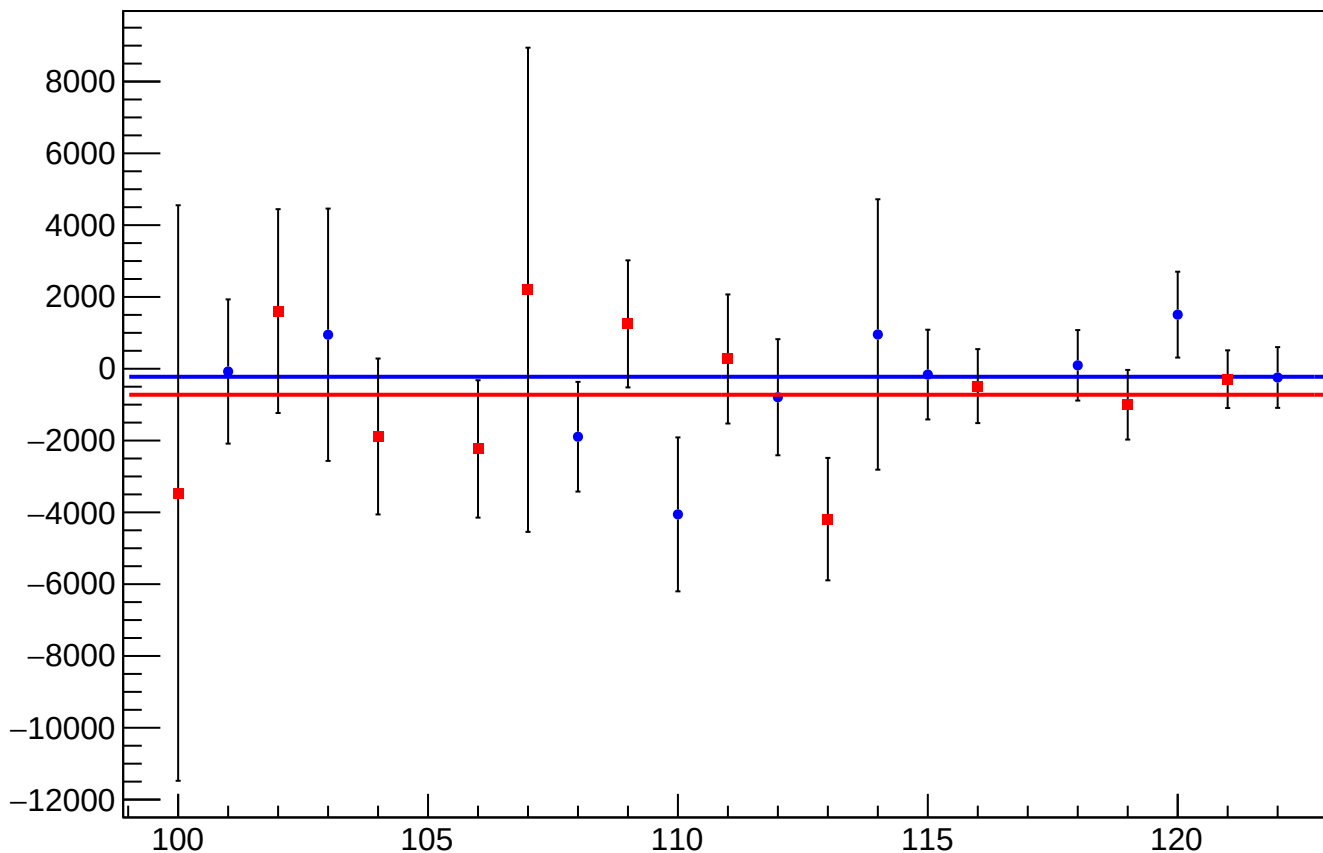
Right: 2054.817+/-0.510 χ^2/NDF : 767815.0/20

In: 2039.340+/-0.741 χ^2/NDF : 597689.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.817+/-0.510 χ^2/NDF : 767815.0/20

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: -724.061+/-439.745 χ^2/NDF : 8.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

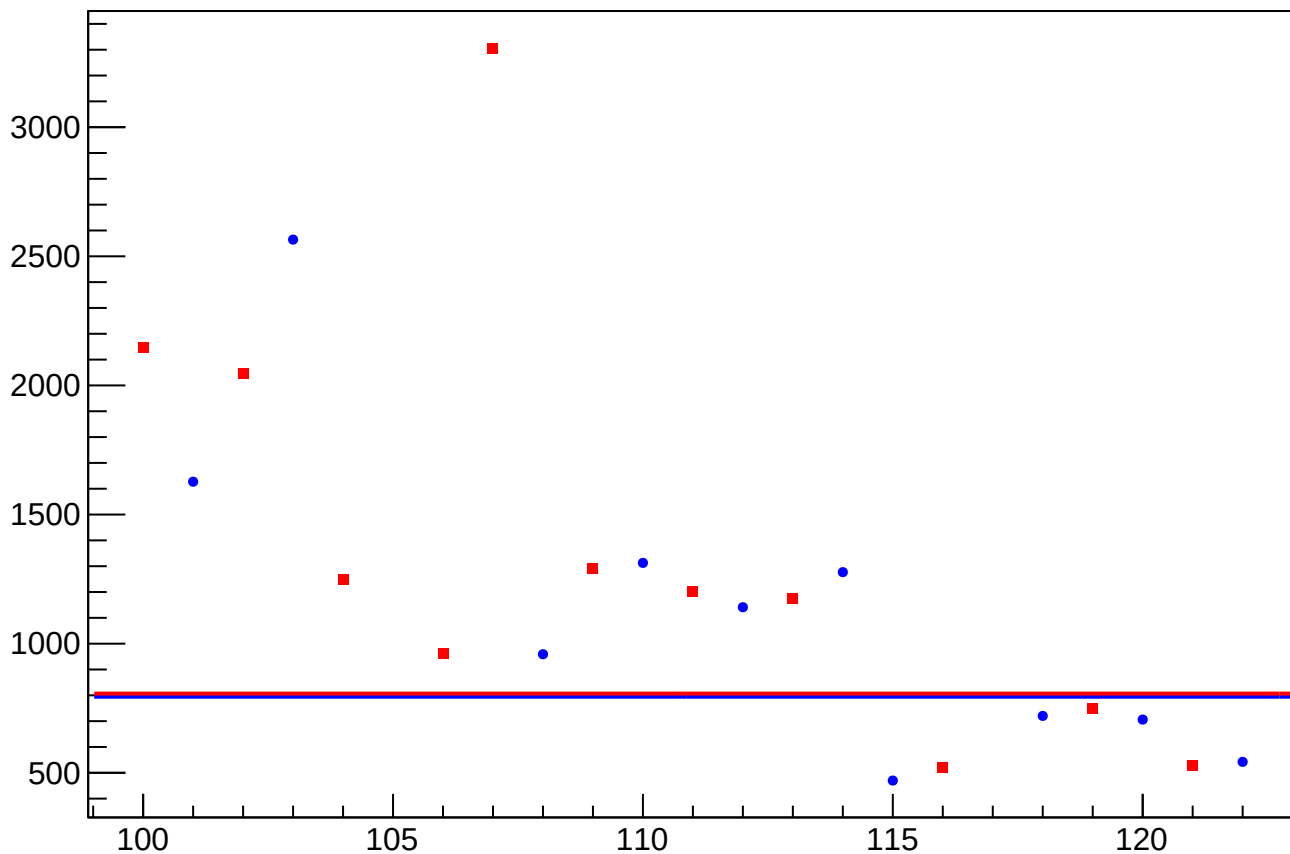
Right: -473.080+/-310.498 χ^2/NDF : 15.6/20

In: -223.541+/-438.479 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.080+/-310.498 χ^2/NDF : 15.6/20

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: 806.694+/-0.311 χ^2/NDF : 1551755.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

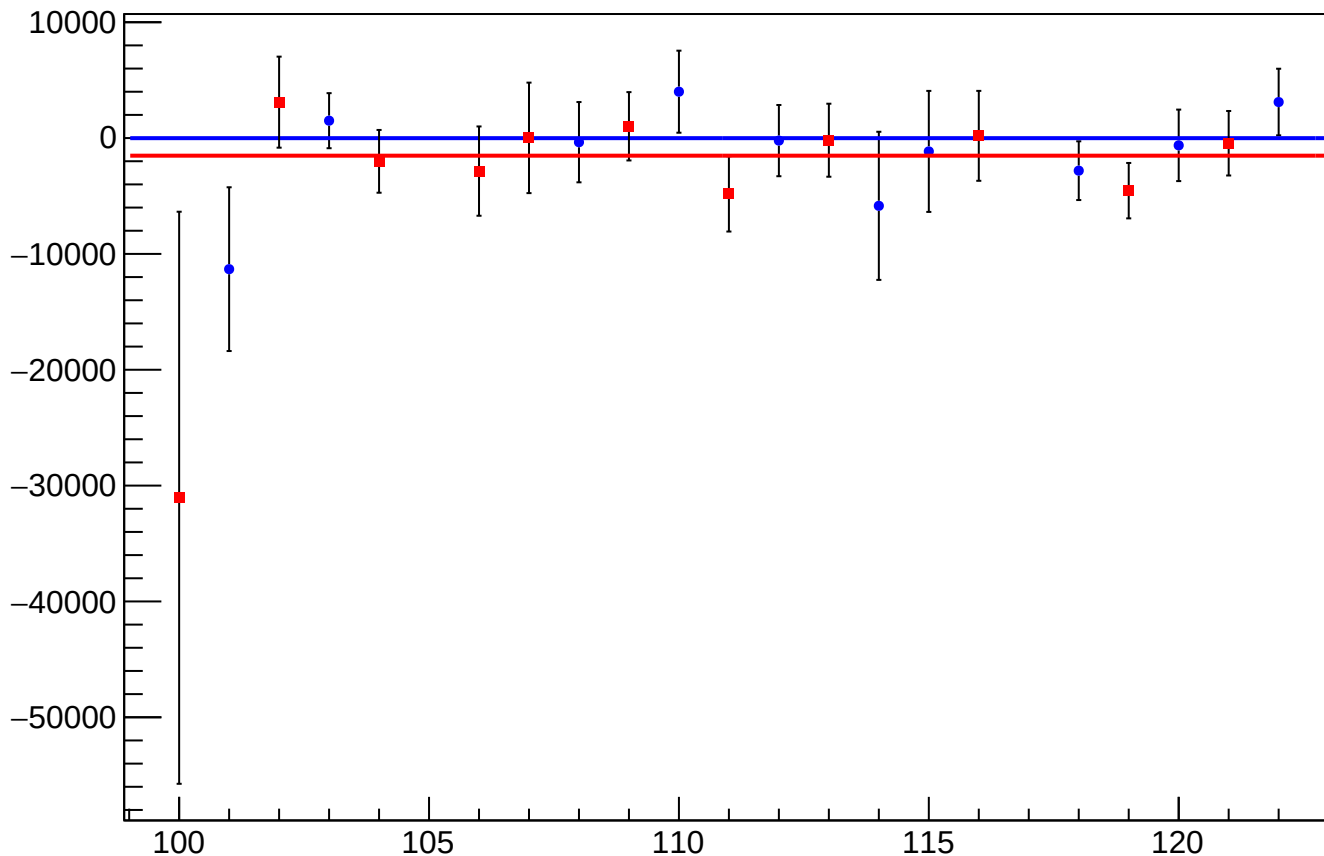
Right: 800.642+/-0.220 χ^2/NDF : 3003243.2/20

In: 794.625+/-0.310 χ^2/NDF :1450731.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 800.642+/-0.220 χ^2/NDF : 3003243.2/20

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: -1519.982 ± 1002.789 χ^2/NDF : 7.0/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

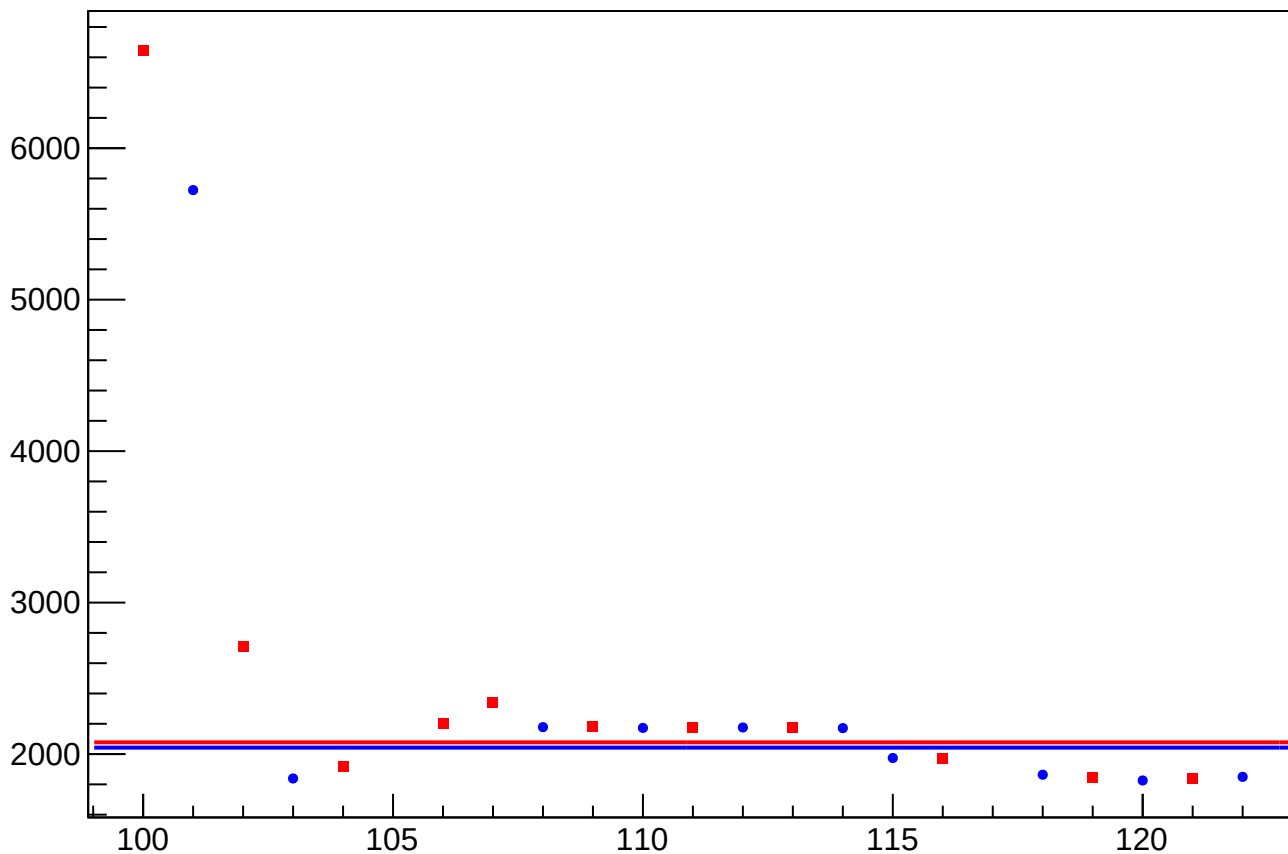
Right: -798.020 ± 724.908 χ^2/NDF : 15.6/20

In: -7.790 ± 1049.129 χ^2/NDF : 7.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -798.020 ± 724.908 χ^2/NDF : 15.6/20

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: 2077.391+/-0.709 χ^2/NDF : 176579.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

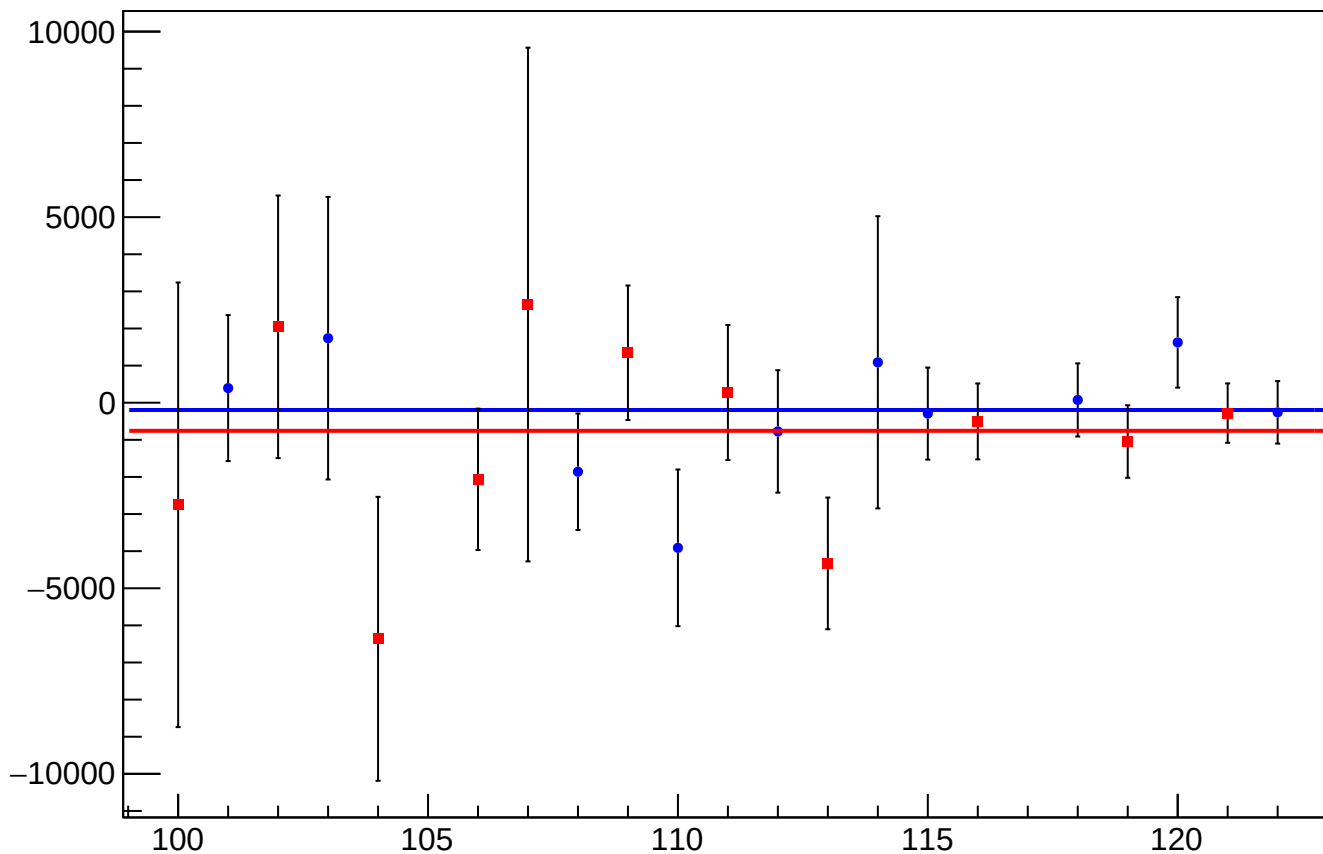
Right: 2060.782+/-0.513 χ^2/NDF : 774365.3/20

In: 2042.602+/-0.742 χ^2/NDF : 596636.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2060.782+/-0.513 χ^2/NDF : 774365.3/20

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: -757.375+/-449.029 χ^2/NDF : 9.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

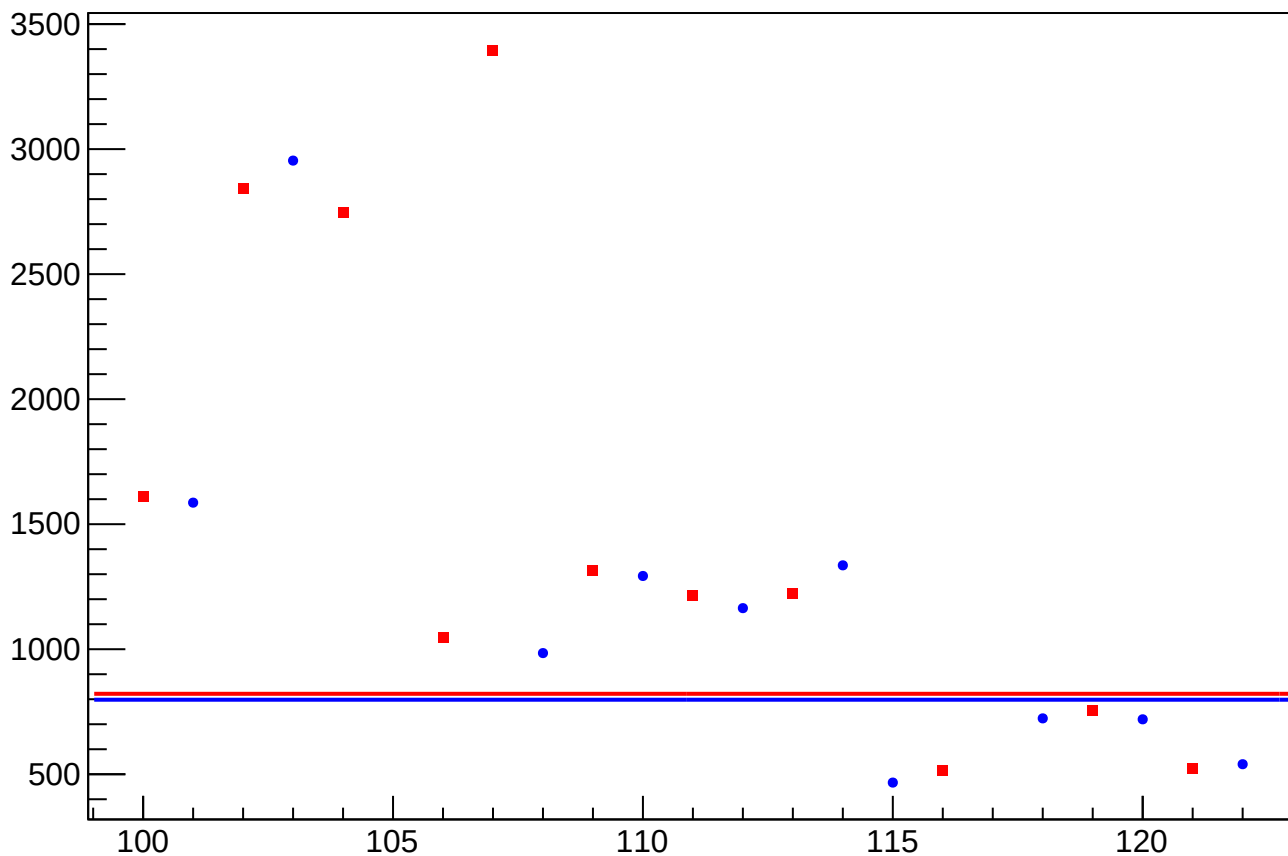
Right: -471.413+/-314.444 χ^2/NDF : 17.7/20

In: -196.240+/-440.476 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -471.413+/-314.444 χ^2/NDF : 17.7/20

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: 821.718+/-0.318 χ^2/NDF : 2305175.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

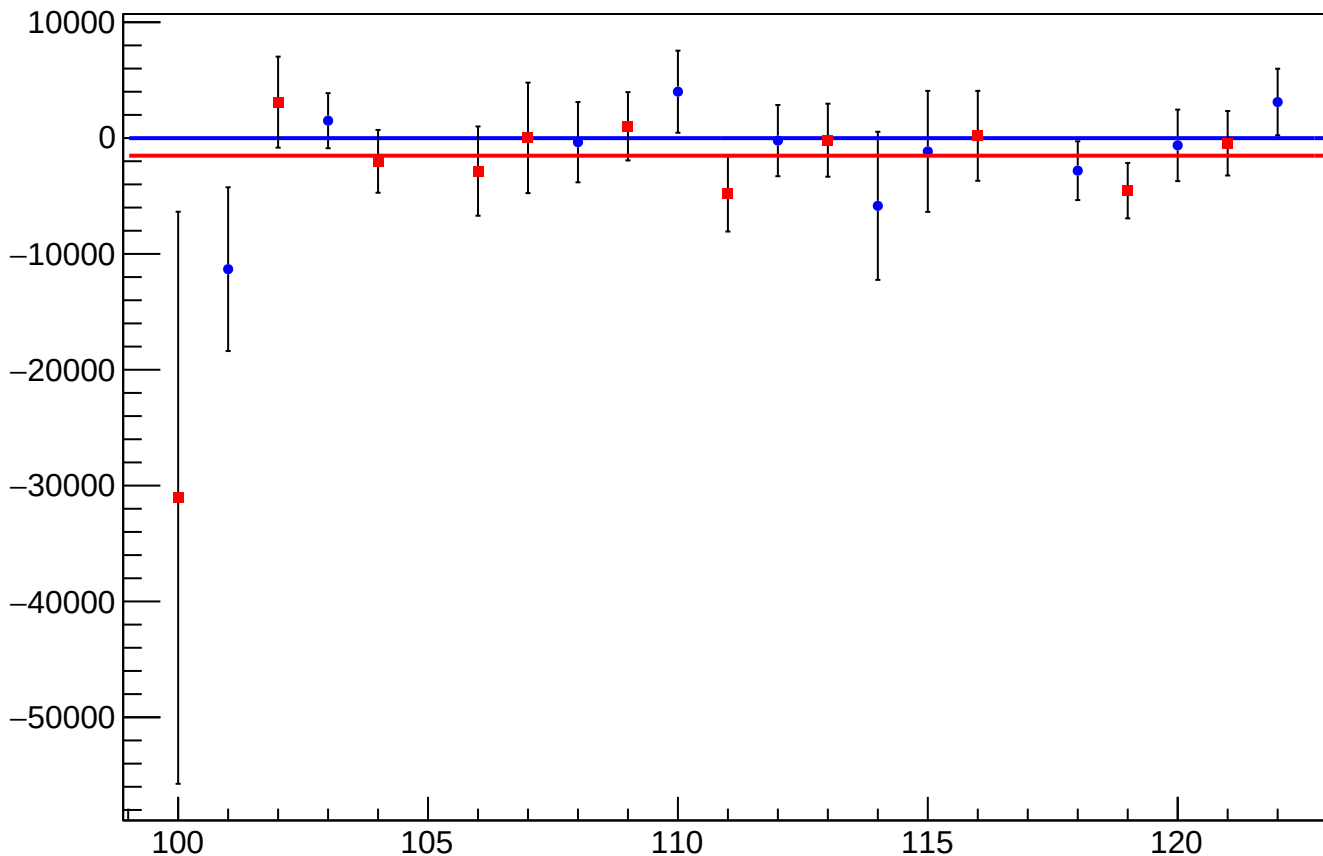
Right: 809.641+/-0.222 χ^2/NDF : 3894971.7/20

In: 798.020+/-0.311 χ^2/NDF : 1586956.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.641+/-0.222 χ^2/NDF : 3894971.7/20

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: -1519.983+/-1002.789 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

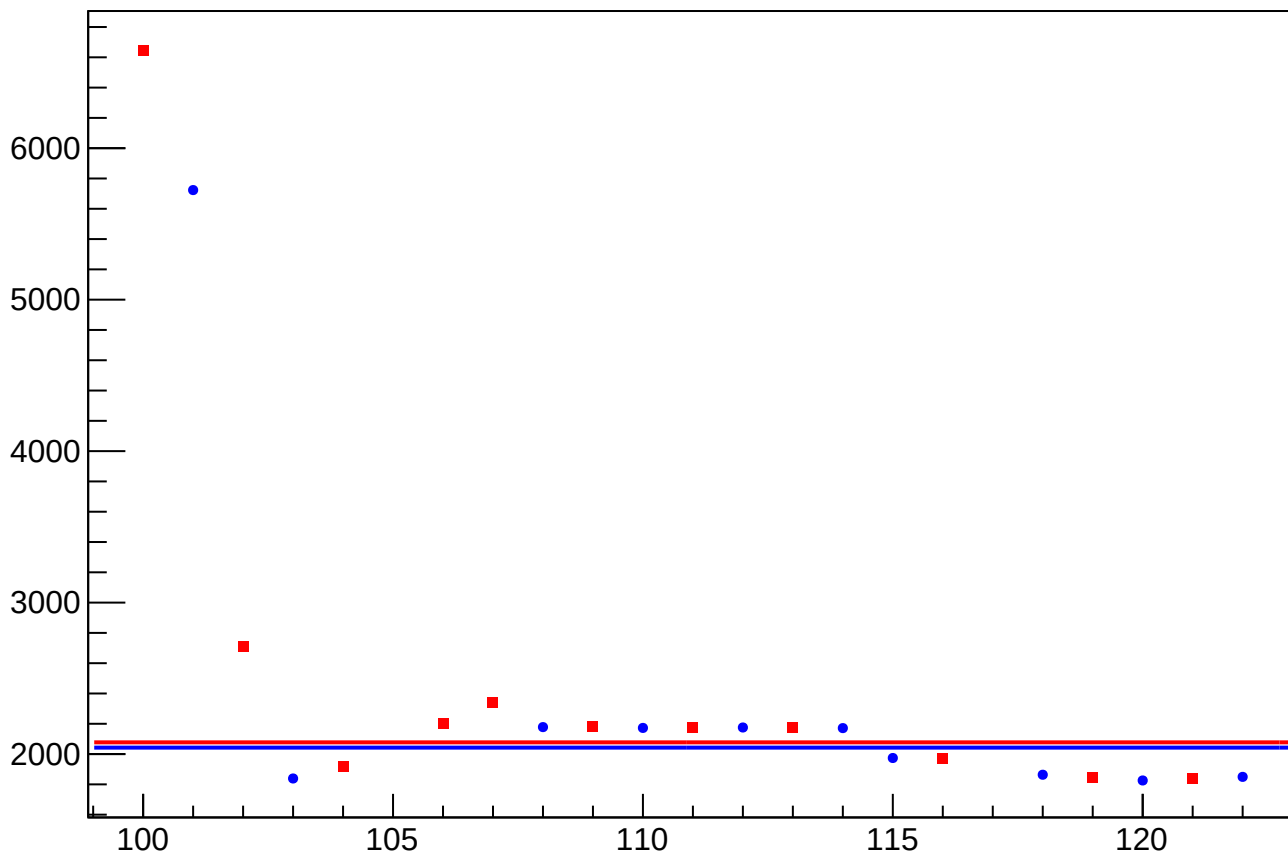
Right: -798.021+/-724.908 χ^2/NDF : 15.6/20

In: -7.791+/-1049.129 χ^2/NDF :7.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -798.021+/-724.908 χ^2/NDF : 15.6/20

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2042.602 $\pm$ 0.742 χ^2 /NDF: 596636.7/9

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

Right Out: 2077.391 $\pm$ 0.709 χ^2 /NDF: 176579.3/10

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

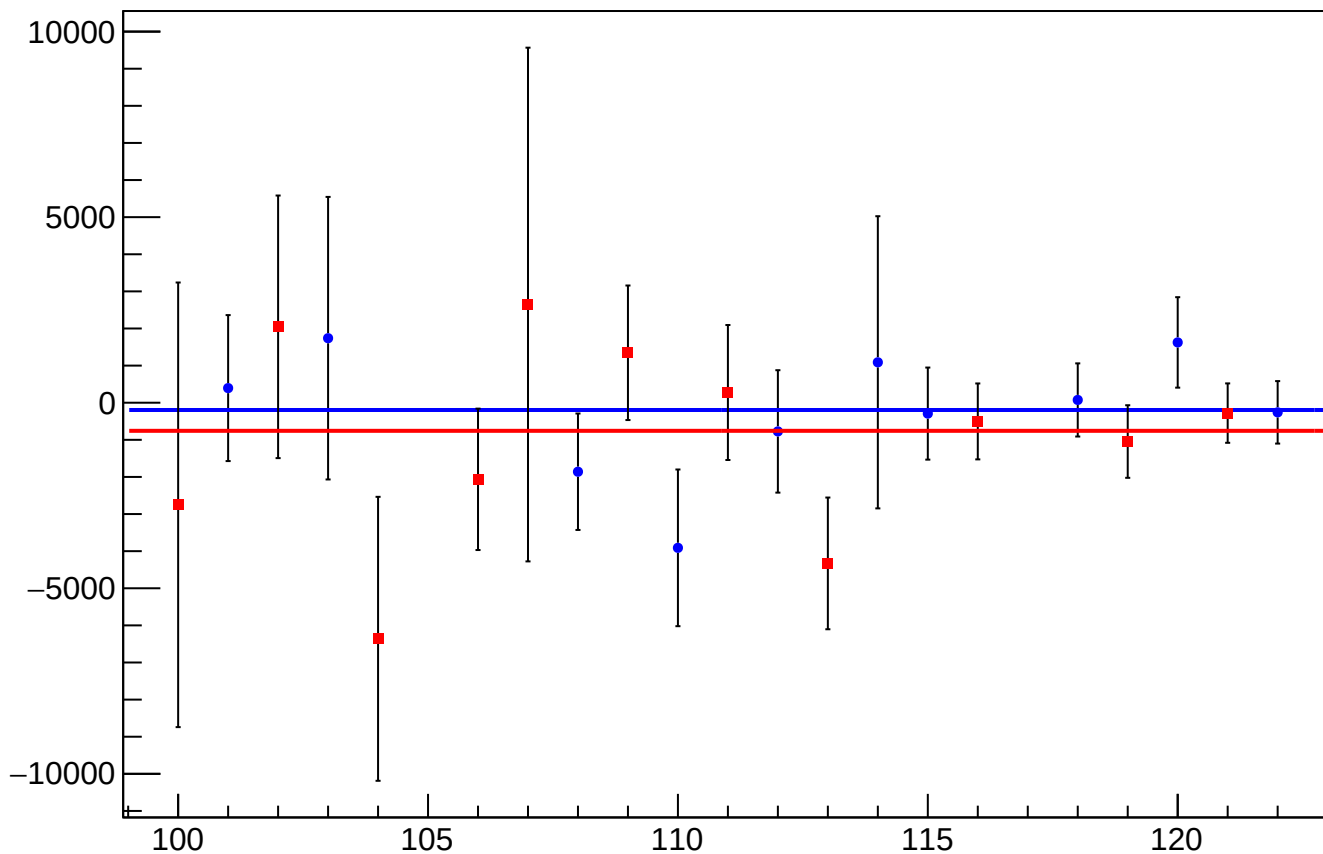
Right: 2060.782 $\pm$ 0.513 χ^2 /NDF: 774365.3/20

In: 2042.602 $\pm$ 0.742 χ^2 /NDF:596636.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2060.782 $\pm$ 0.513 χ^2 /NDF: 774365.3/20

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: -757.375+/-449.029 χ^2/NDF : 9.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

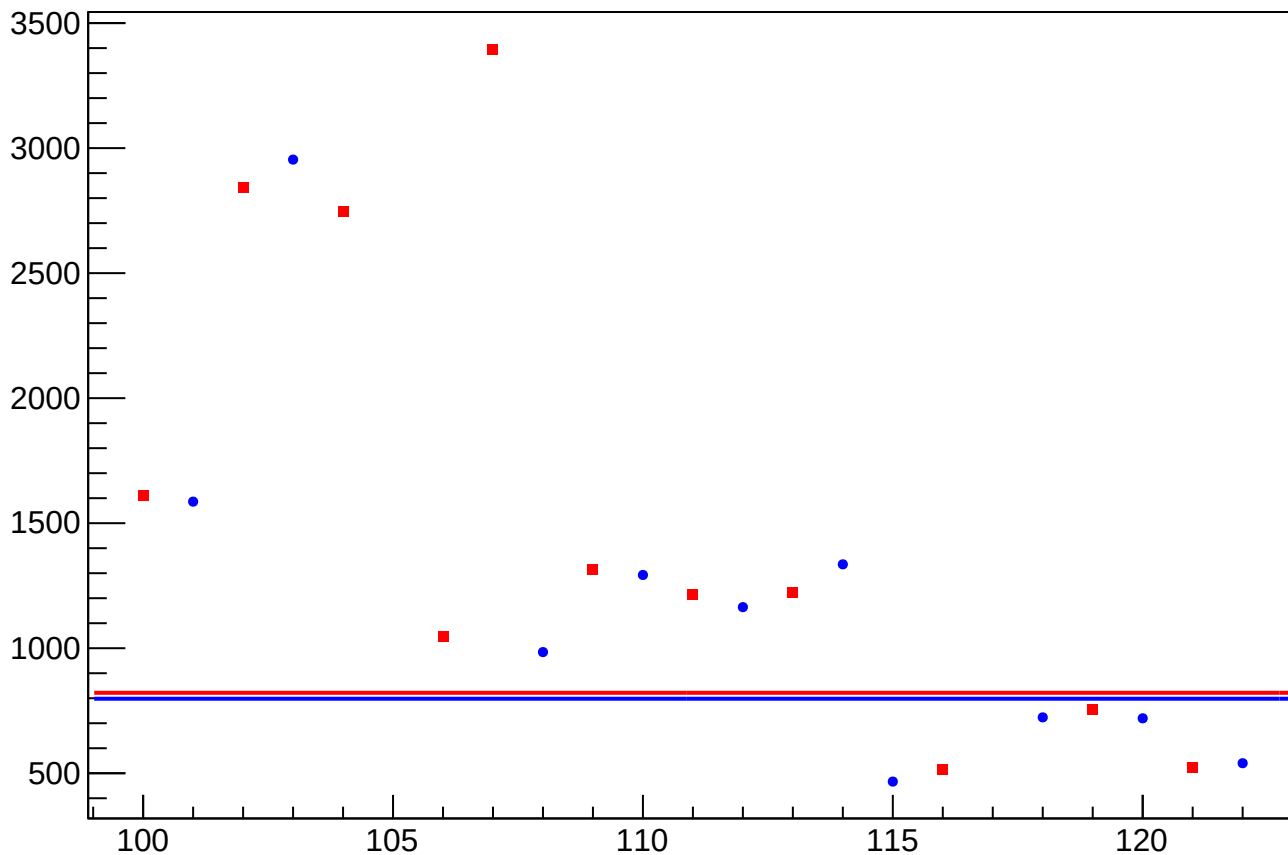
Right: -471.412+/-314.444 χ^2/NDF : 17.7/20

In: -196.241+/-440.475 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -471.412+/-314.444 χ^2/NDF : 17.7/20

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: 821.717+/-0.318 χ^2/NDF : 2305178.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

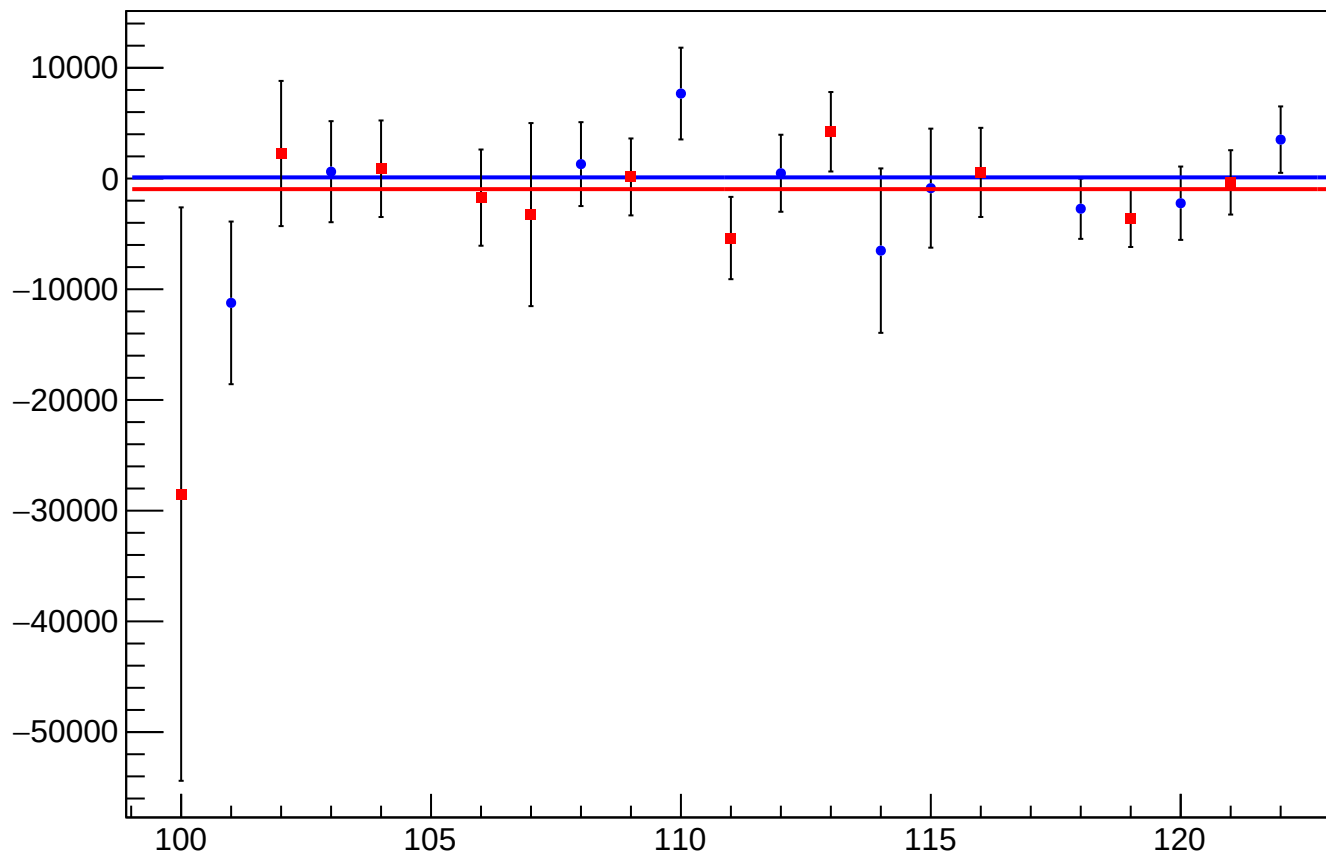
Right: 809.640+/-0.222 χ^2/NDF : 3894976.9/20

In: 798.019+/-0.311 χ^2/NDF : 1586959.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.640+/-0.222 χ^2/NDF : 3894976.9/20

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: -957.898+/-1188.650 χ^2/NDF : 6.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

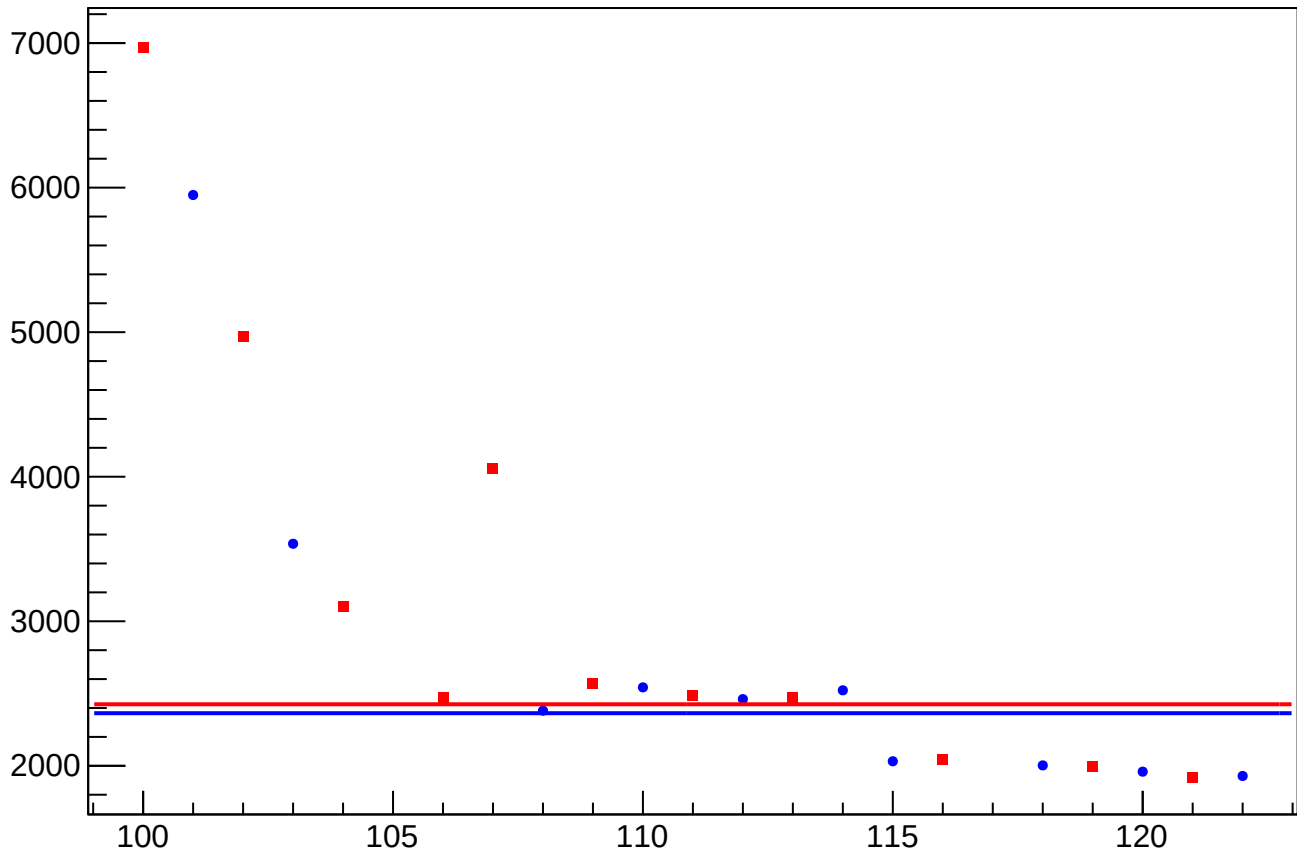
Right: -442.106+/-852.938 χ^2/NDF : 16.4/20

In: 105.379+/-1224.626 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -442.106+/-852.938 χ^2/NDF : 16.4/20

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: 2425.729+/-0.840 χ^2/NDF : 626934.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

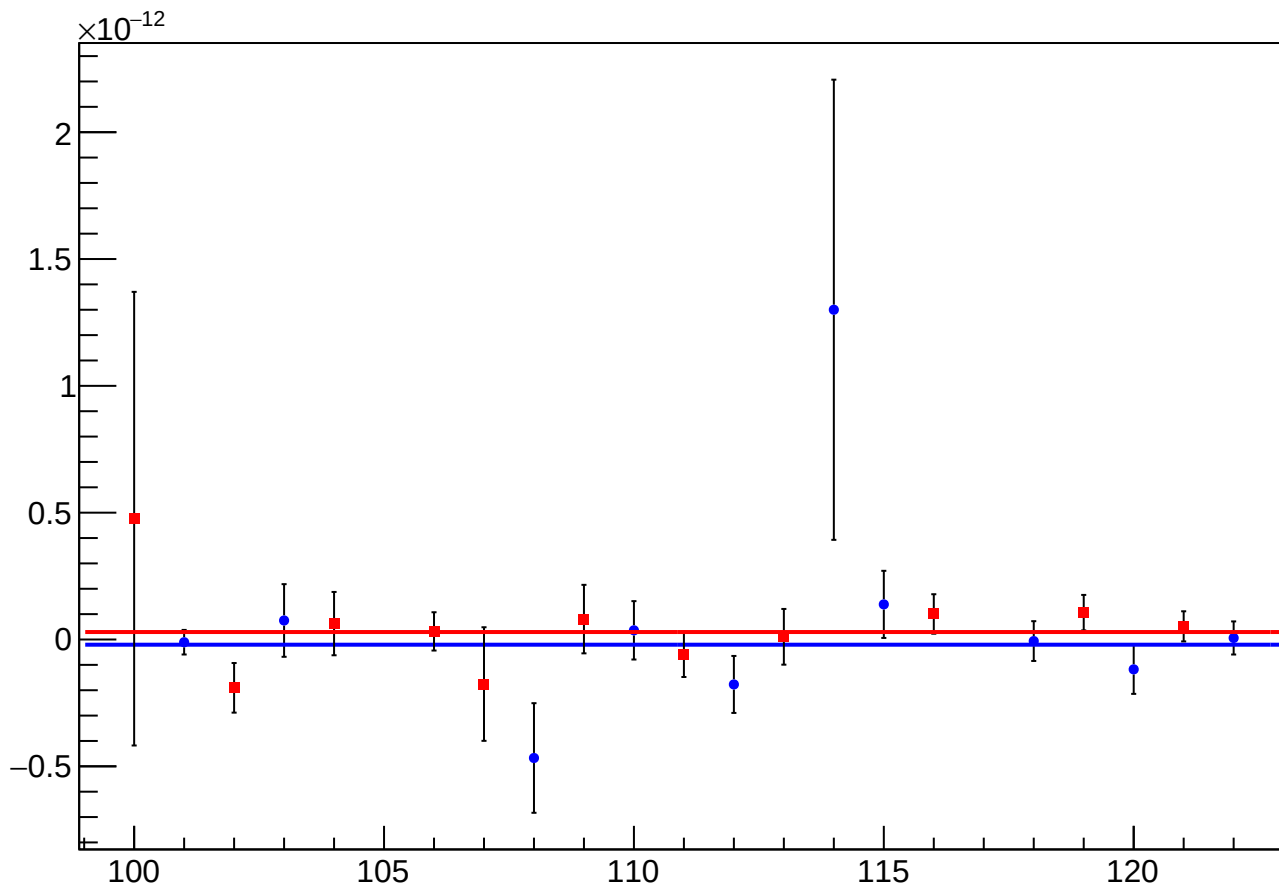
Right: 2395.779+/-0.603 χ^2/NDF : 1358694.4/20

In: 2363.989+/-0.866 χ^2/NDF : 729142.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2395.779+/-0.603 χ^2/NDF : 1358694.4/20

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 : 9.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

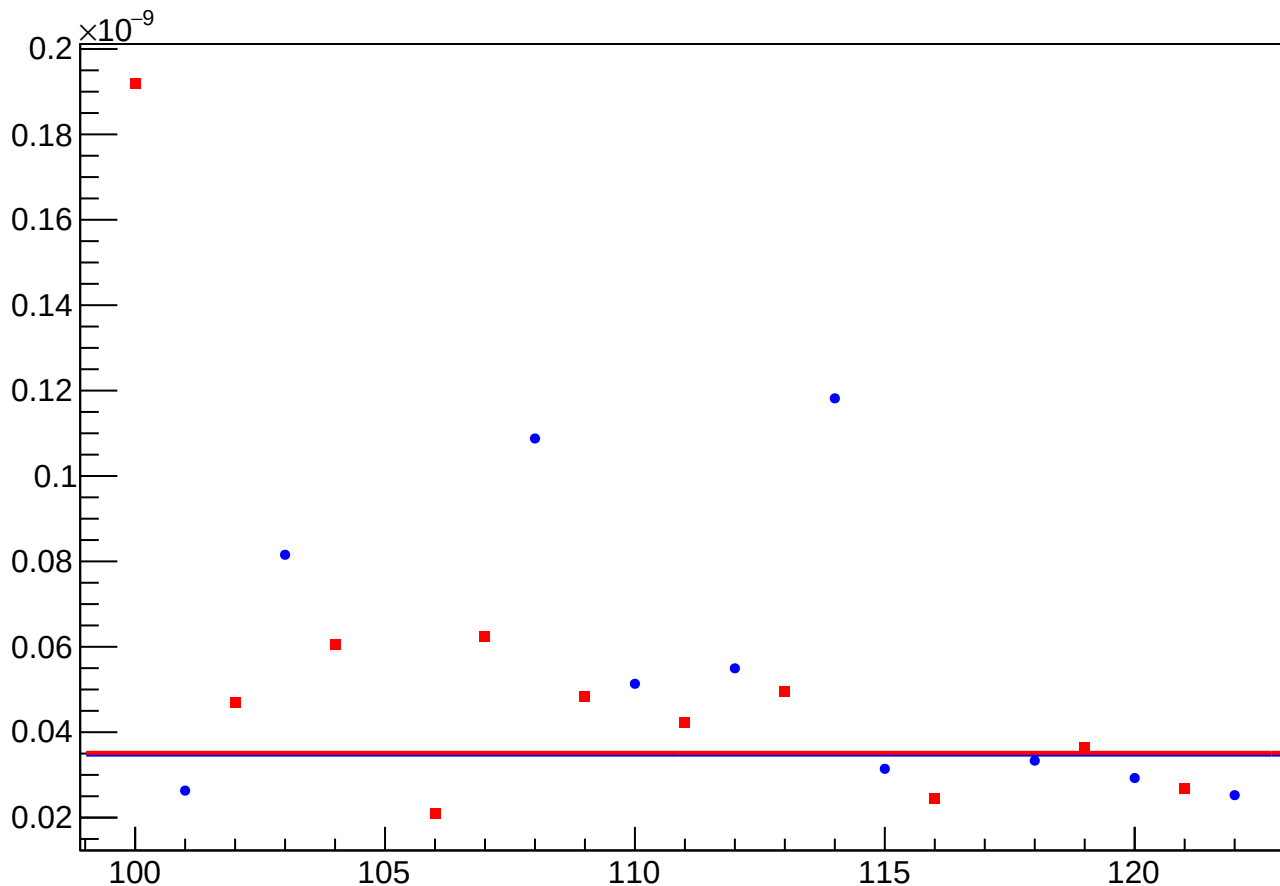
Right: 0.000+/-0.000 χ^2/NDF : 22.8/20

In: -0.000+/-0.000 χ^2/NDF : 11.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.8/20

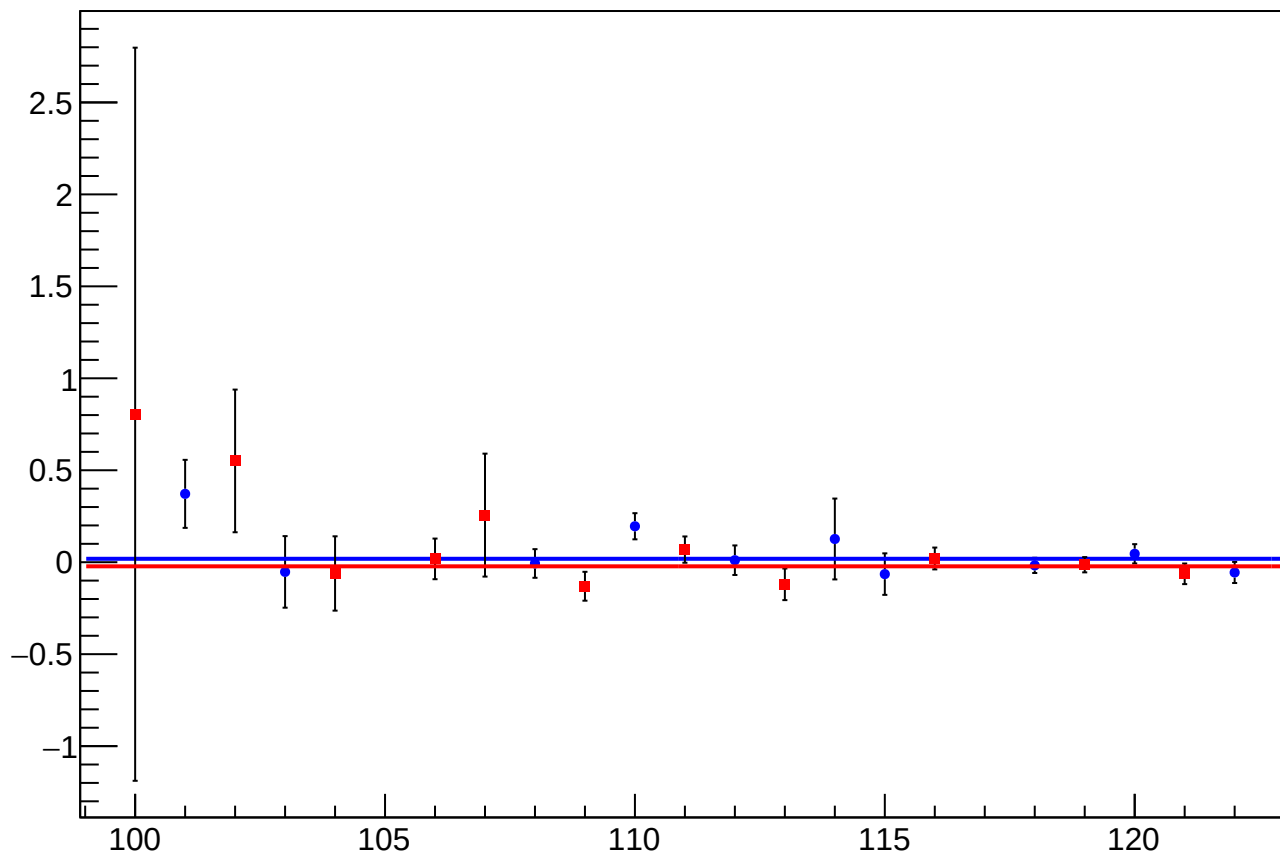
asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 418971.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1102043.9/20
 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 : 1102043.9/20

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 : 9.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

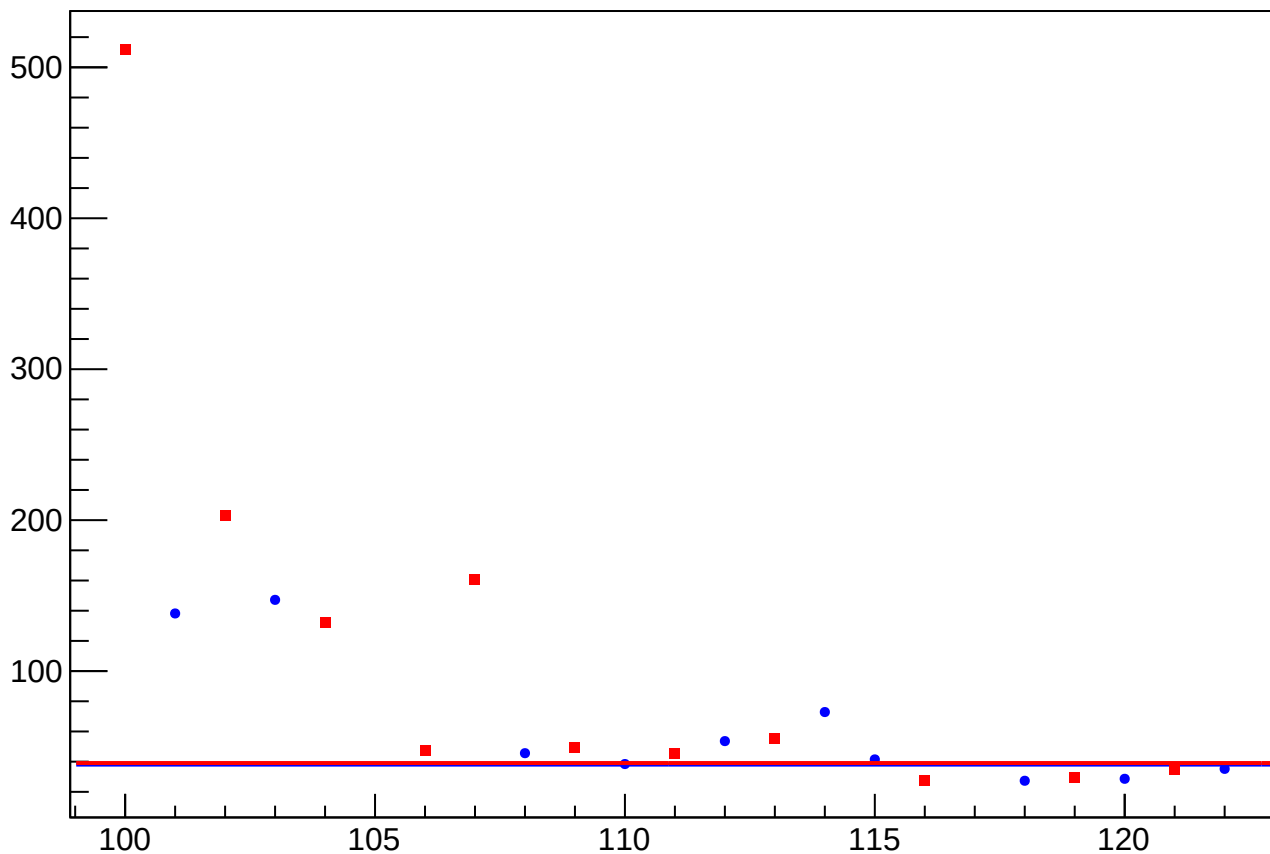
Right: -0.001+/-0.016 χ^2/NDF : 24.3/20

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 : 24.3/20

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: 39.088+/-0.017 χ^2/NDF : 1488488.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

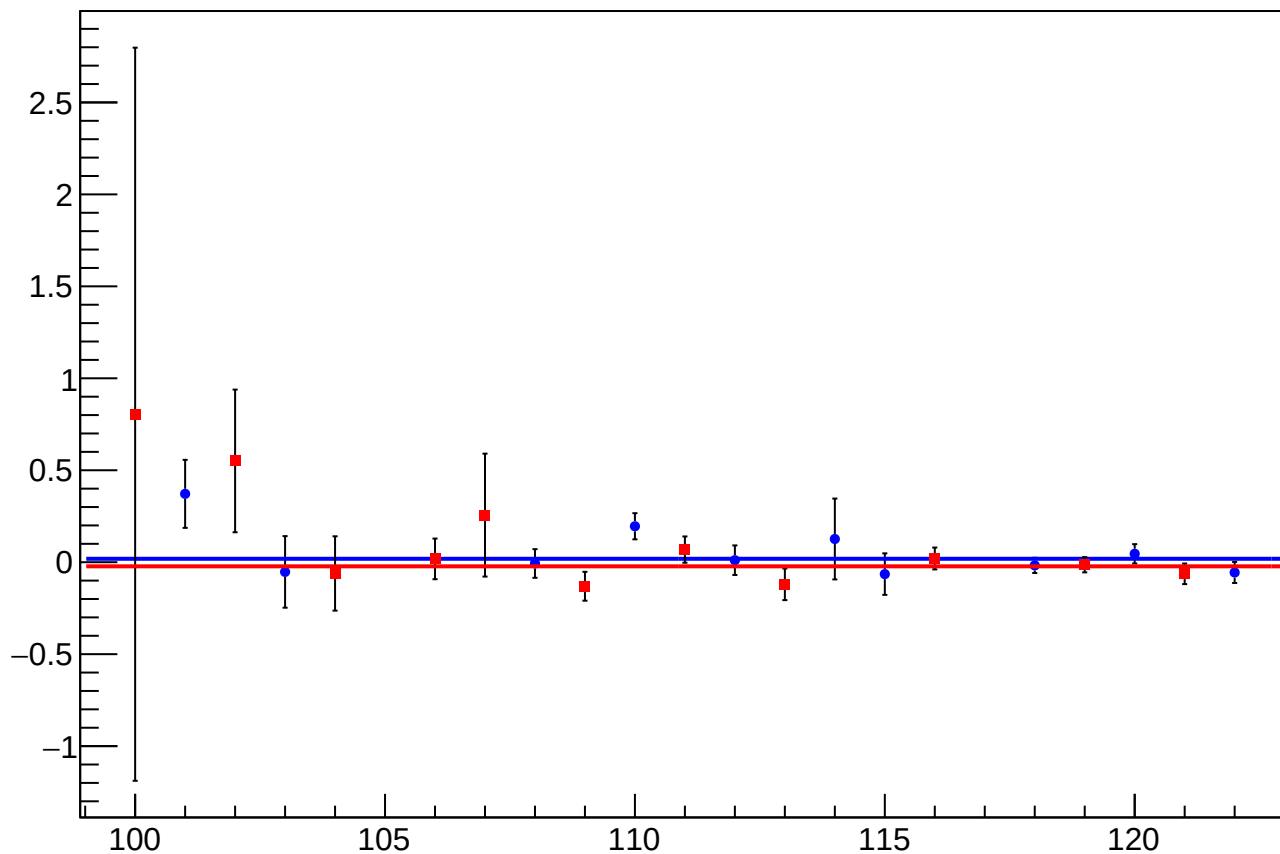
Right: 38.555+/-0.012 χ^2/NDF : 3054936.3/20

In: 38.057+/-0.016 χ^2/NDF : 1564473.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.555+/-0.012 χ^2/NDF : 3054936.3/20

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 : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

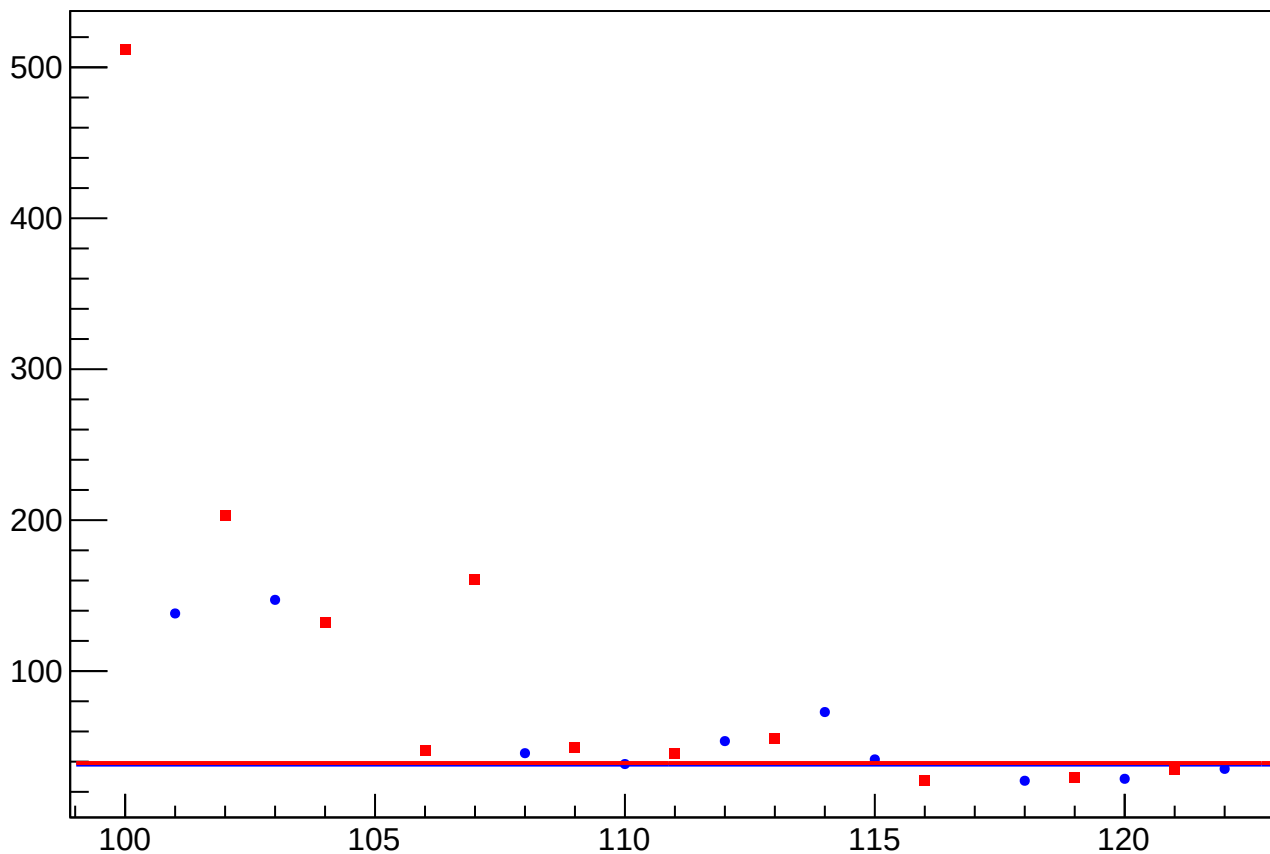
Right: -0.001+/-0.016 χ^2/NDF : 24.3/20

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 : 24.3/20

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: 39.088+/-0.017 χ^2/NDF : 1488488.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

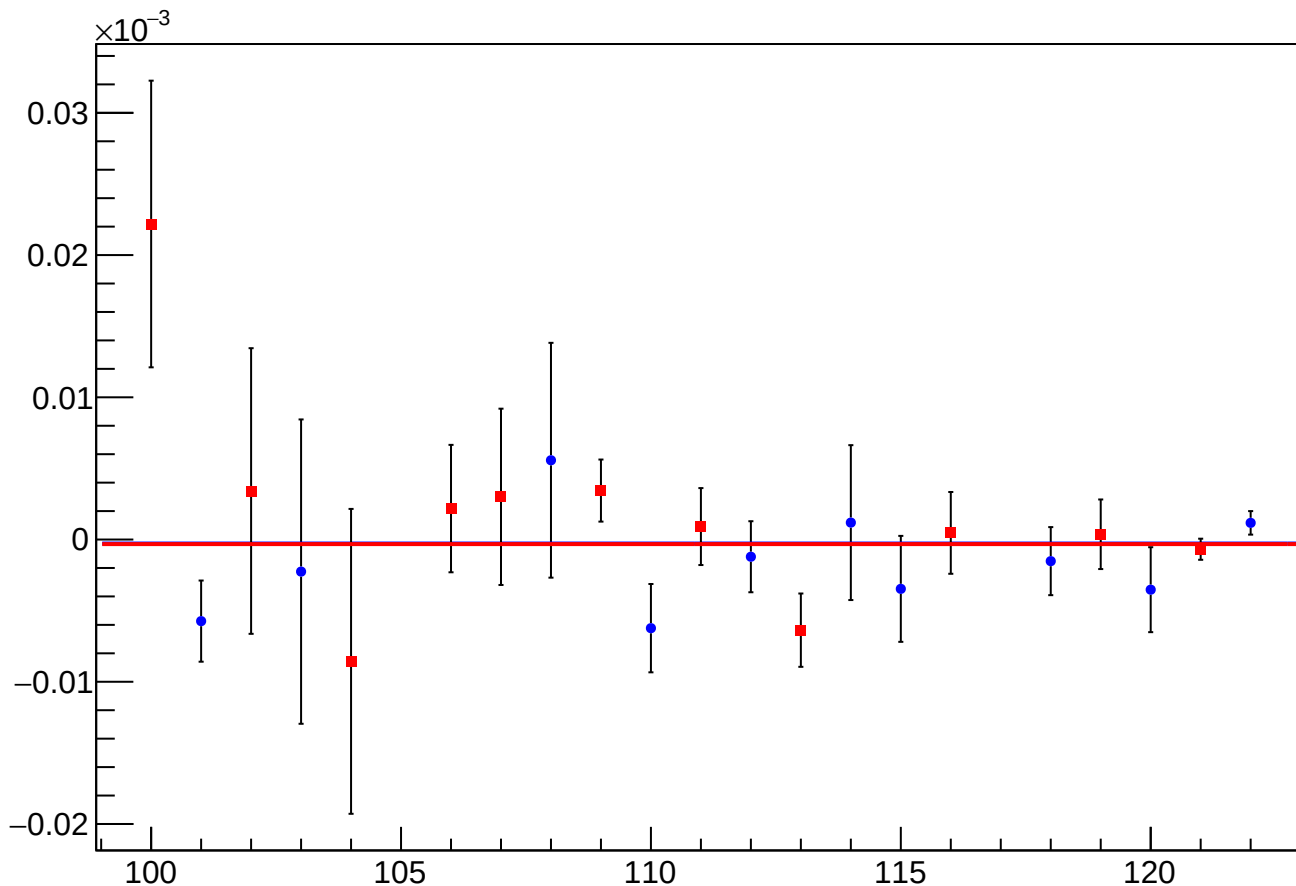
Right: 38.555+/-0.012 χ^2/NDF : 3054936.3/20

In: 38.057+/-0.016 χ^2/NDF : 1564473.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.555+/-0.012 χ^2/NDF : 3054936.3/20

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 : 15.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

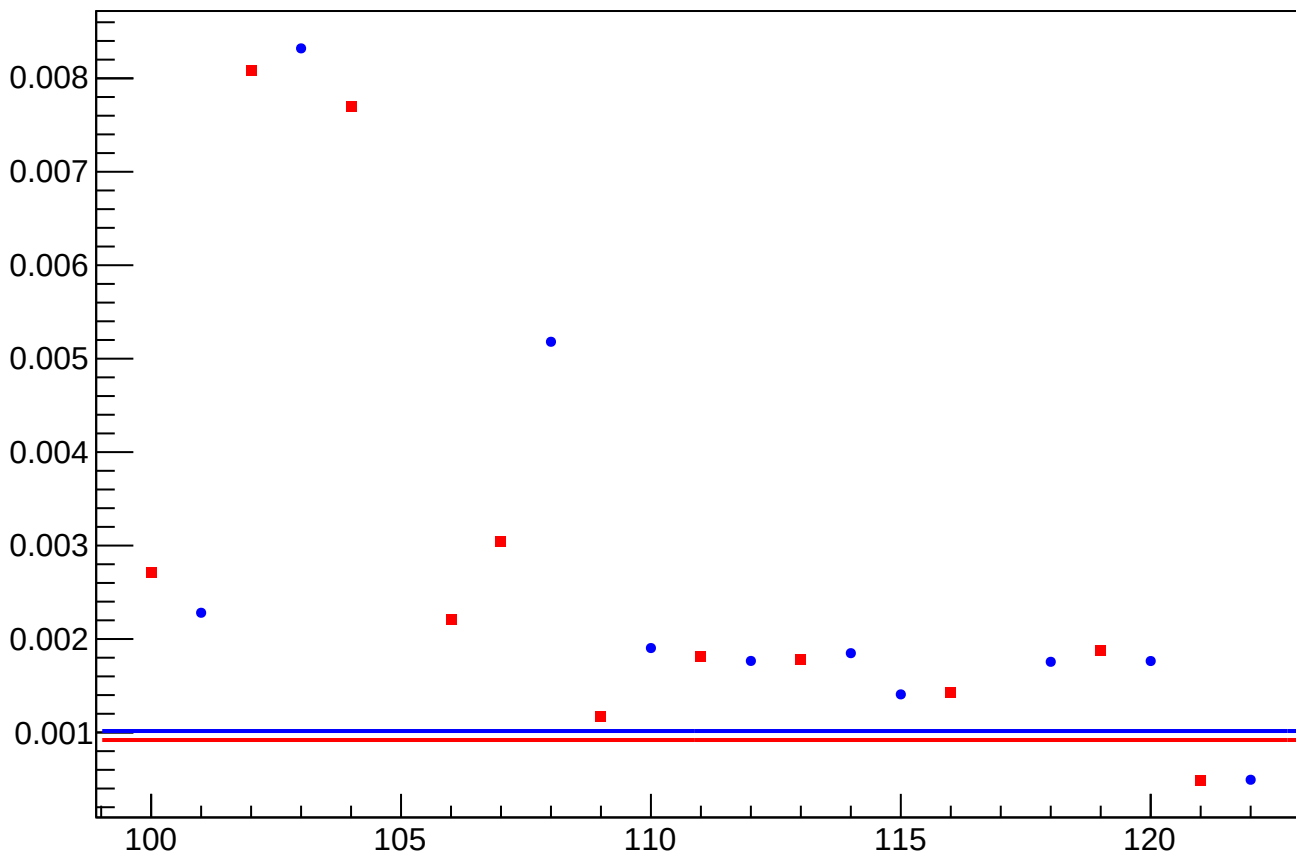
Right: -0.000+/-0.000 χ^2/NDF : 28.7/20

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 : 28.7/20

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 : 3807228.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

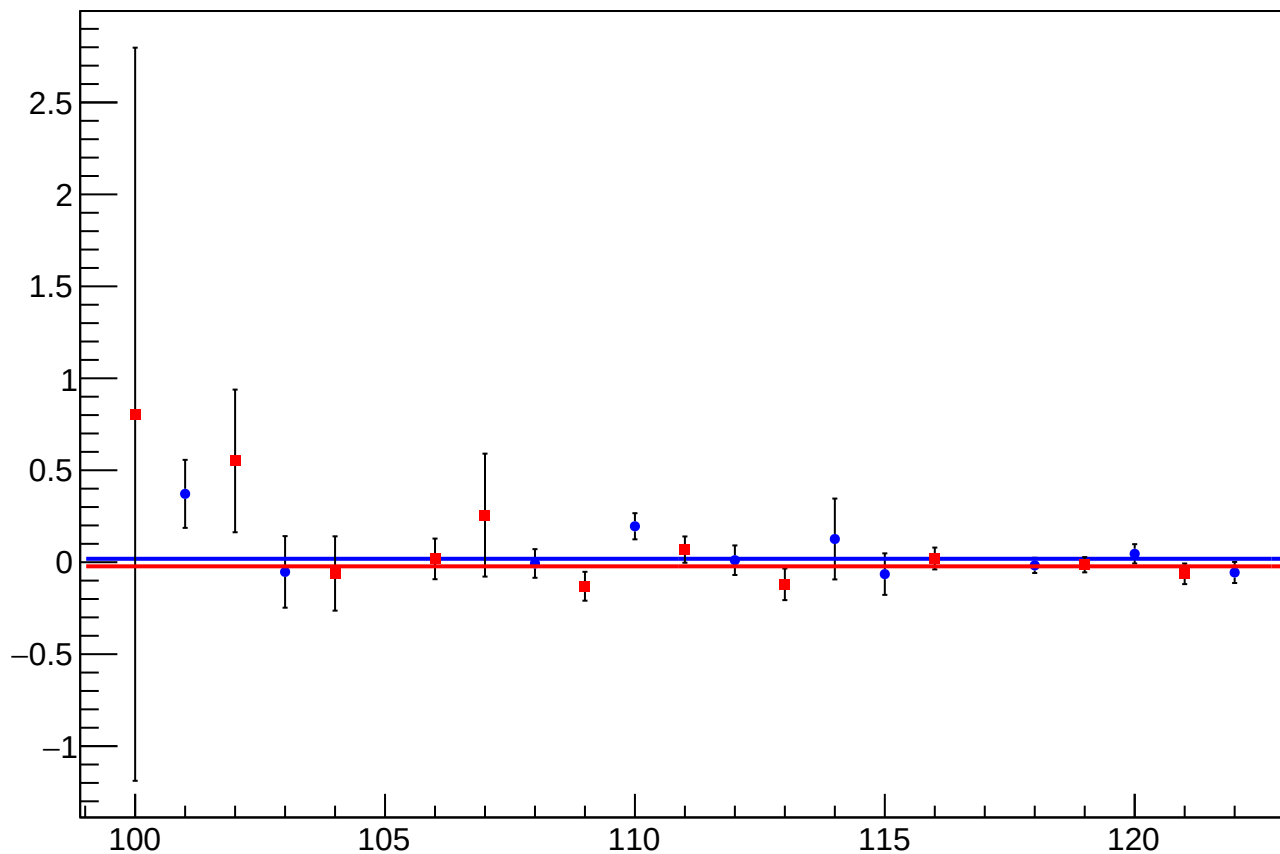
Right: 0.001+/-0.000 χ^2/NDF : 7190723.2/20

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 : 7190723.2/20

asym_at1_dd_eigen_dit_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 : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

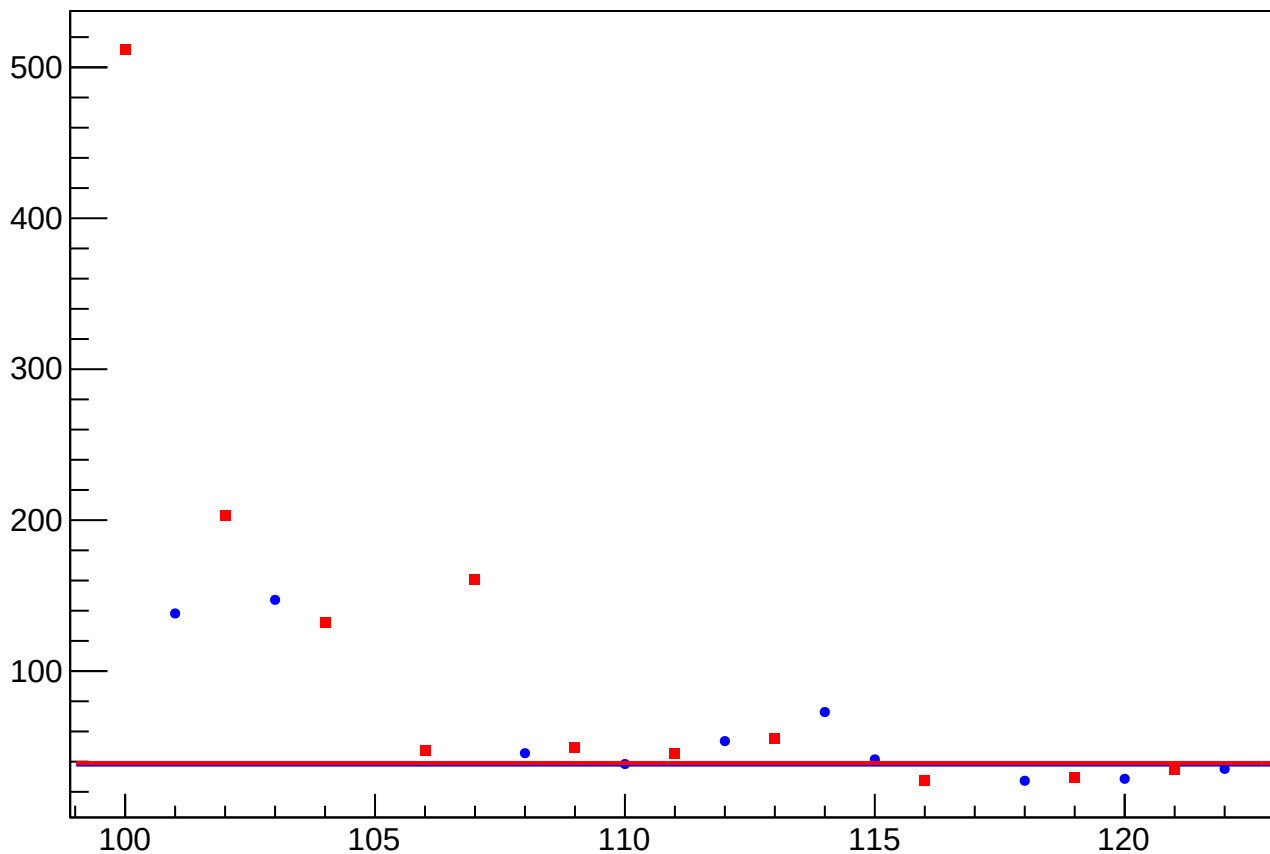
Right: -0.001+/-0.016 χ^2/NDF : 24.3/20

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 : 24.3/20

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: 39.087+/-0.017 χ^2/NDF : 1488472.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

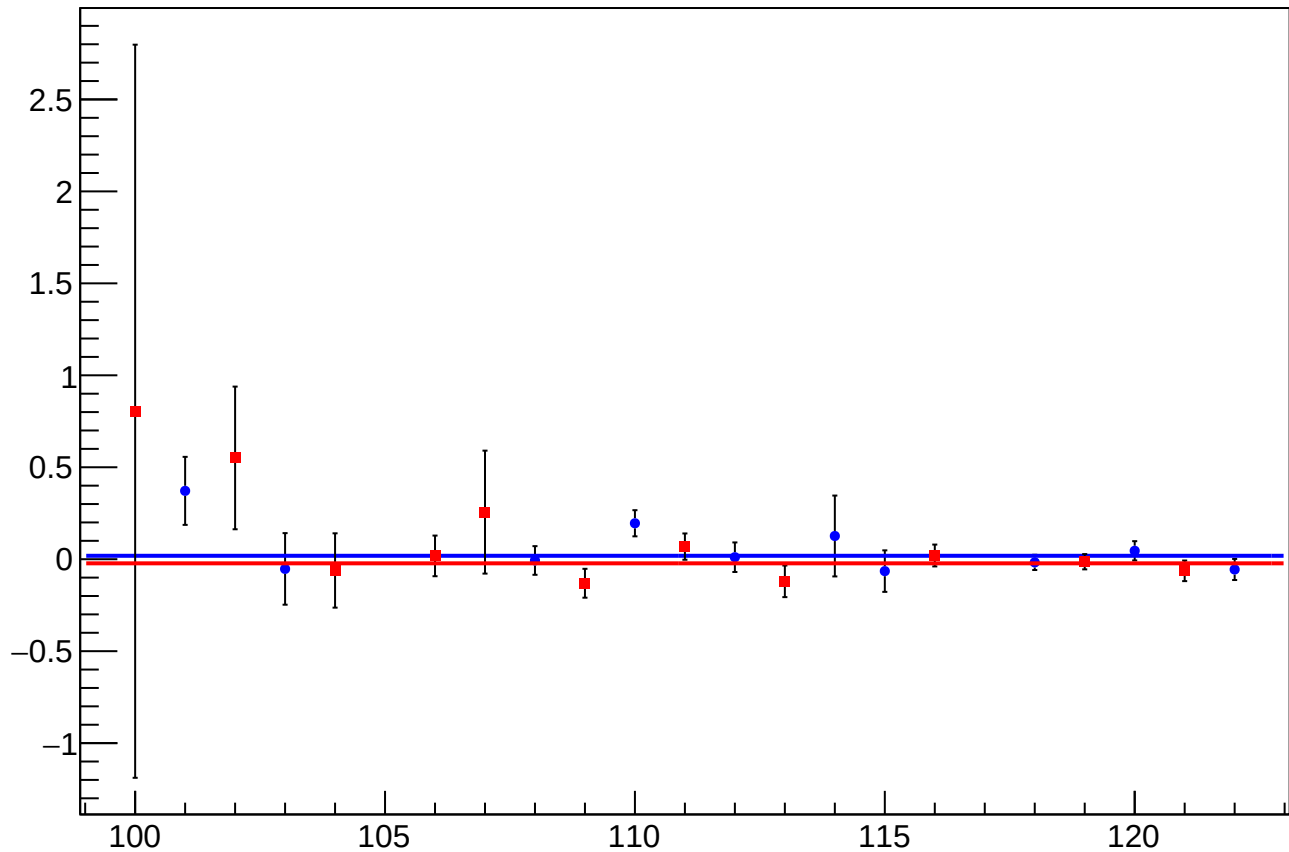
Right: 38.555+/-0.012 χ^2/NDF : 3054888.9/20

In: 38.057+/-0.016 χ^2/NDF : 1564443.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.555+/-0.012 χ^2/NDF : 3054888.9/20

asym_at1_dd_eigen_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 : 9.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

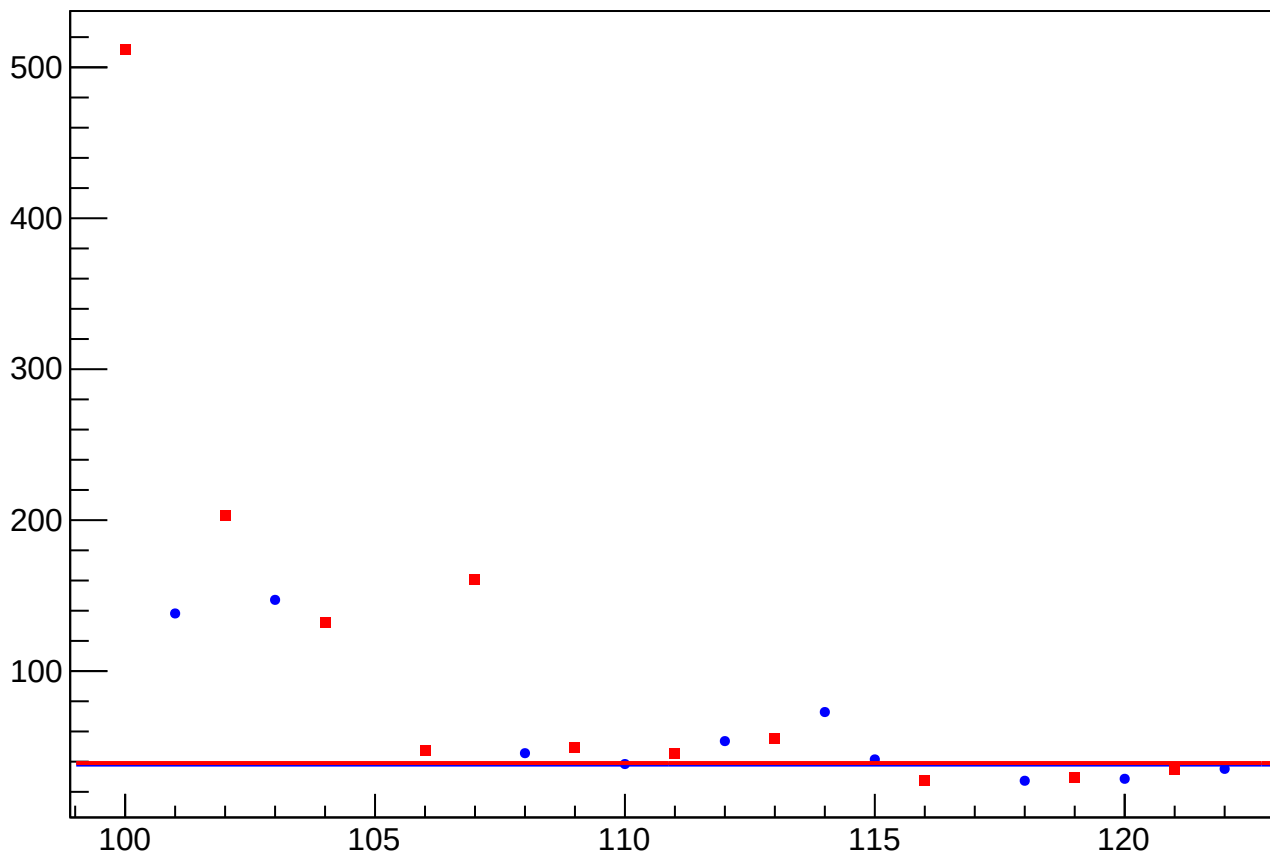
Right: -0.001+/-0.016 χ^2/NDF : 24.3/20

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 : 24.3/20

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: 39.087+/-0.017 χ^2/NDF : 1488472.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

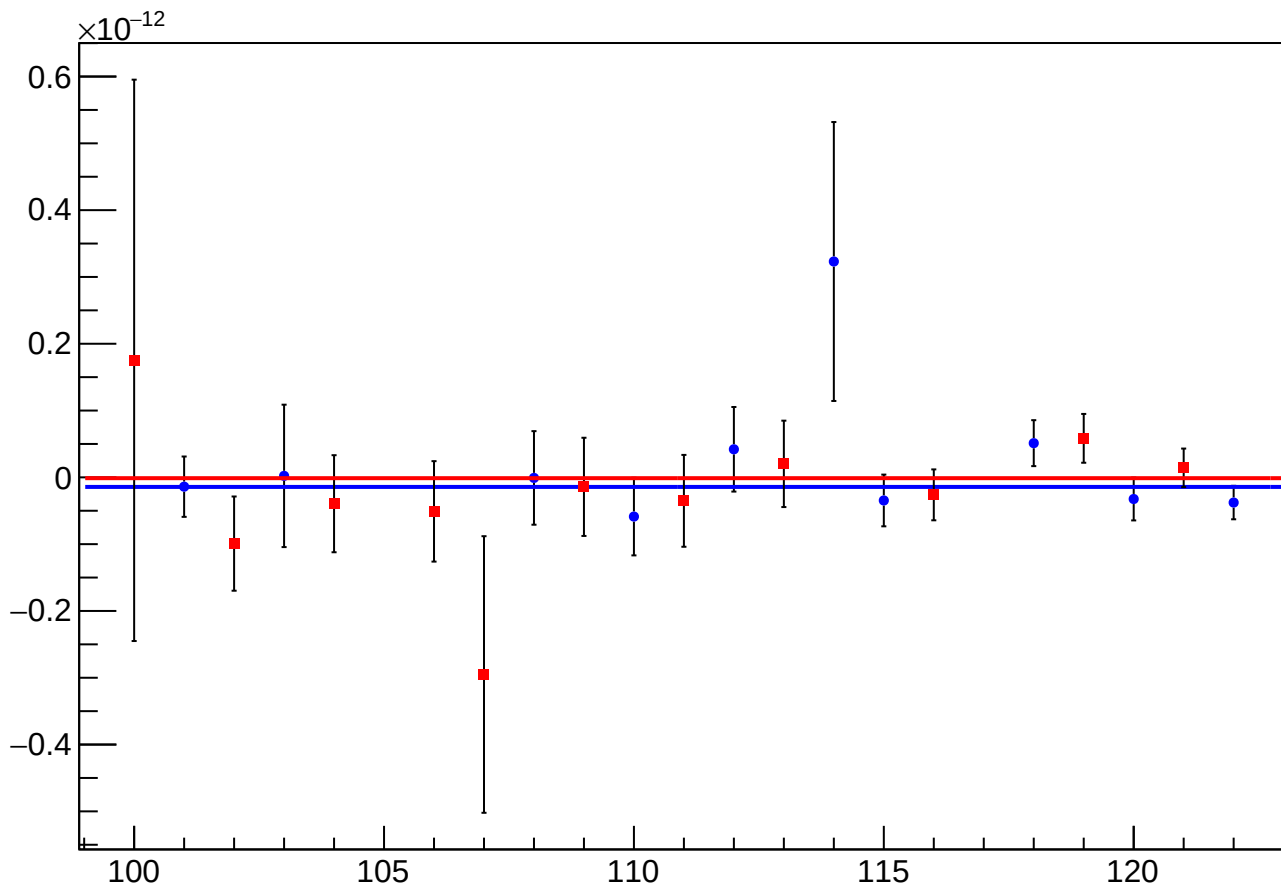
Right: 38.555+/-0.012 χ^2/NDF : 3054888.9/20

In: 38.057+/-0.016 χ^2/NDF : 1564443.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.555+/-0.012 χ^2/NDF : 3054888.9/20

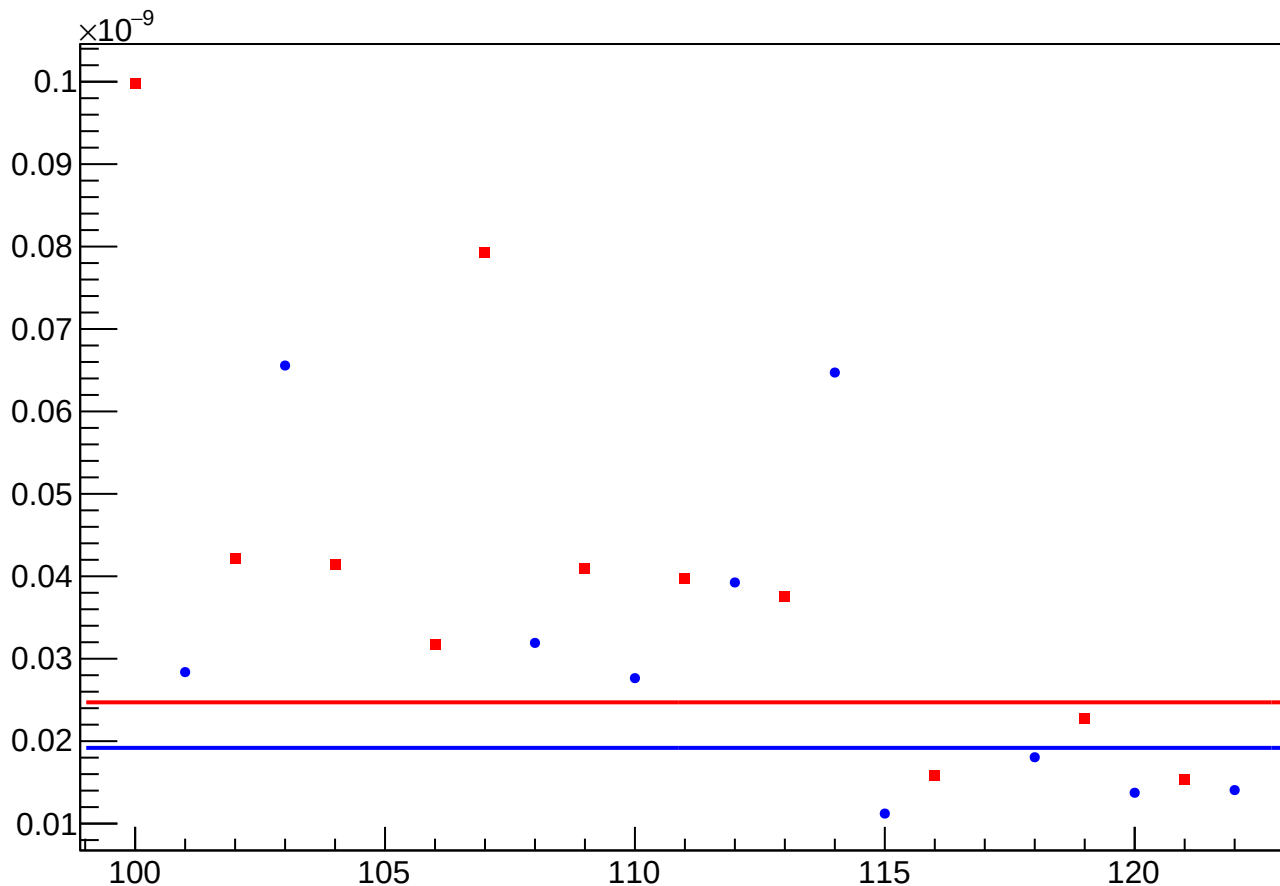
asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 8.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 18.1/20
 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 : 18.1/20

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 : 1047960.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

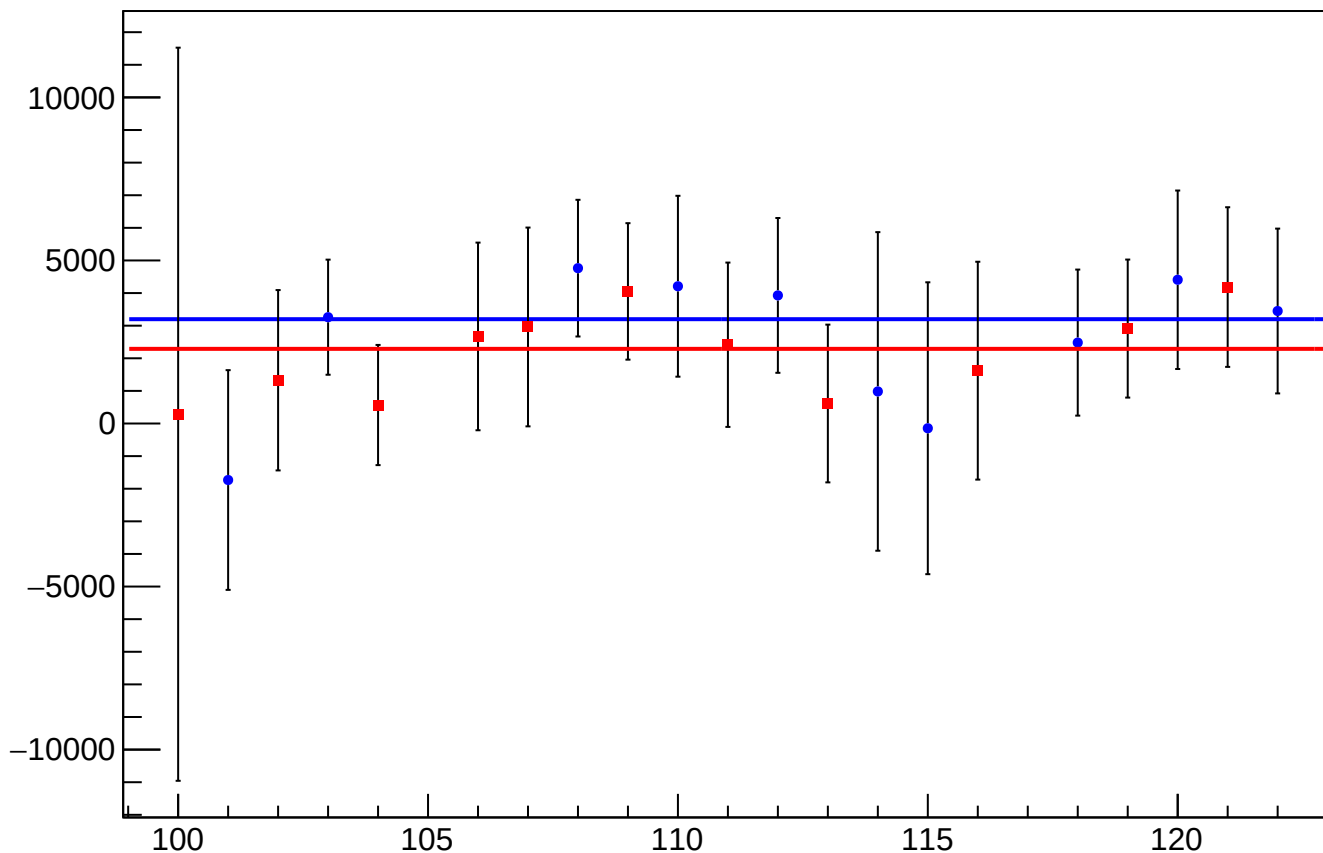
Right: 0.000+/-0.000 χ^2/NDF : 2280258.8/20

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 : 2280258.8/20

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: 2289.262+/-767.378 χ^2/NDF : 3.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

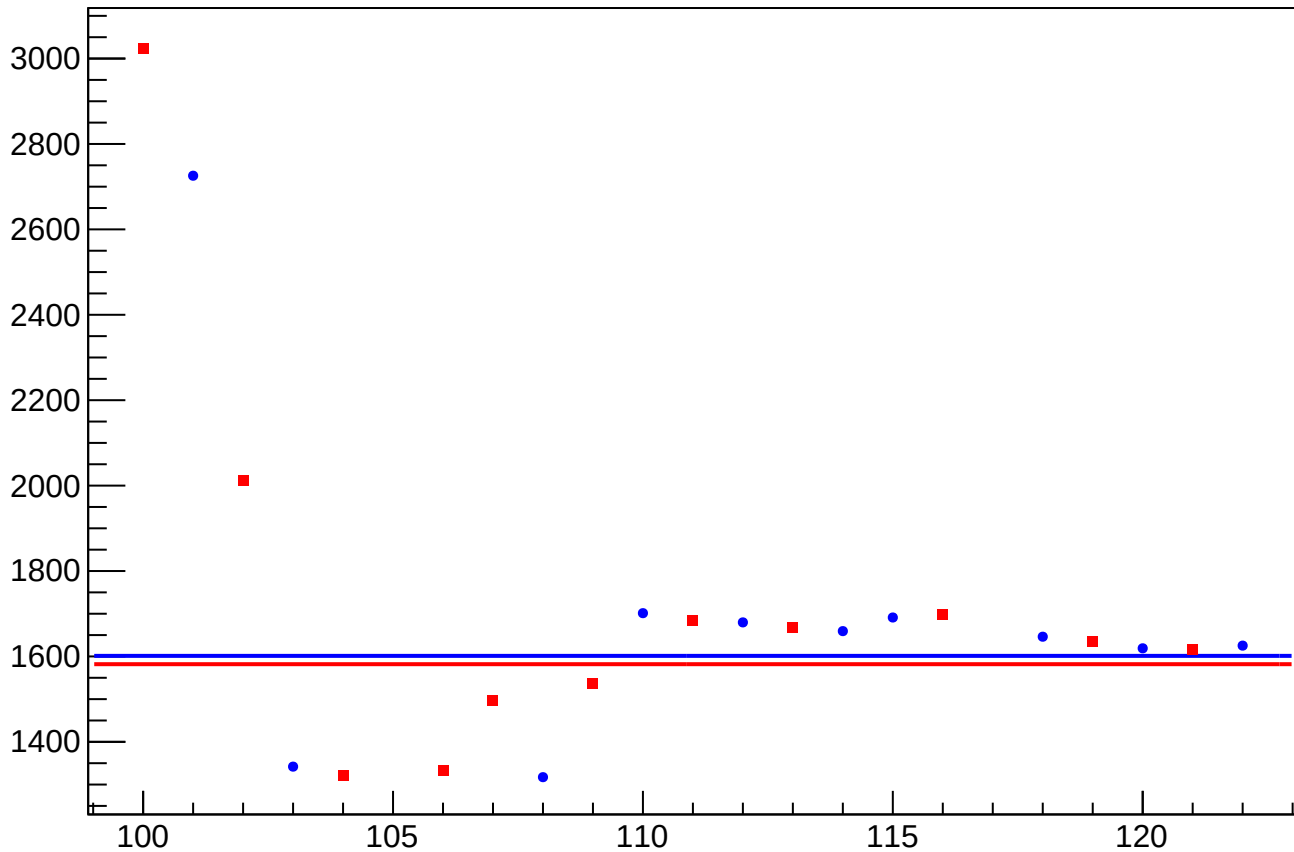
Right: 2719.834+/-556.936 χ^2/NDF : 7.7/20

In: 3199.055+/-809.569 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.834+/-556.936 χ^2/NDF : 7.7/20

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: 1581.844+/-0.543 χ^2/NDF : 149120.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

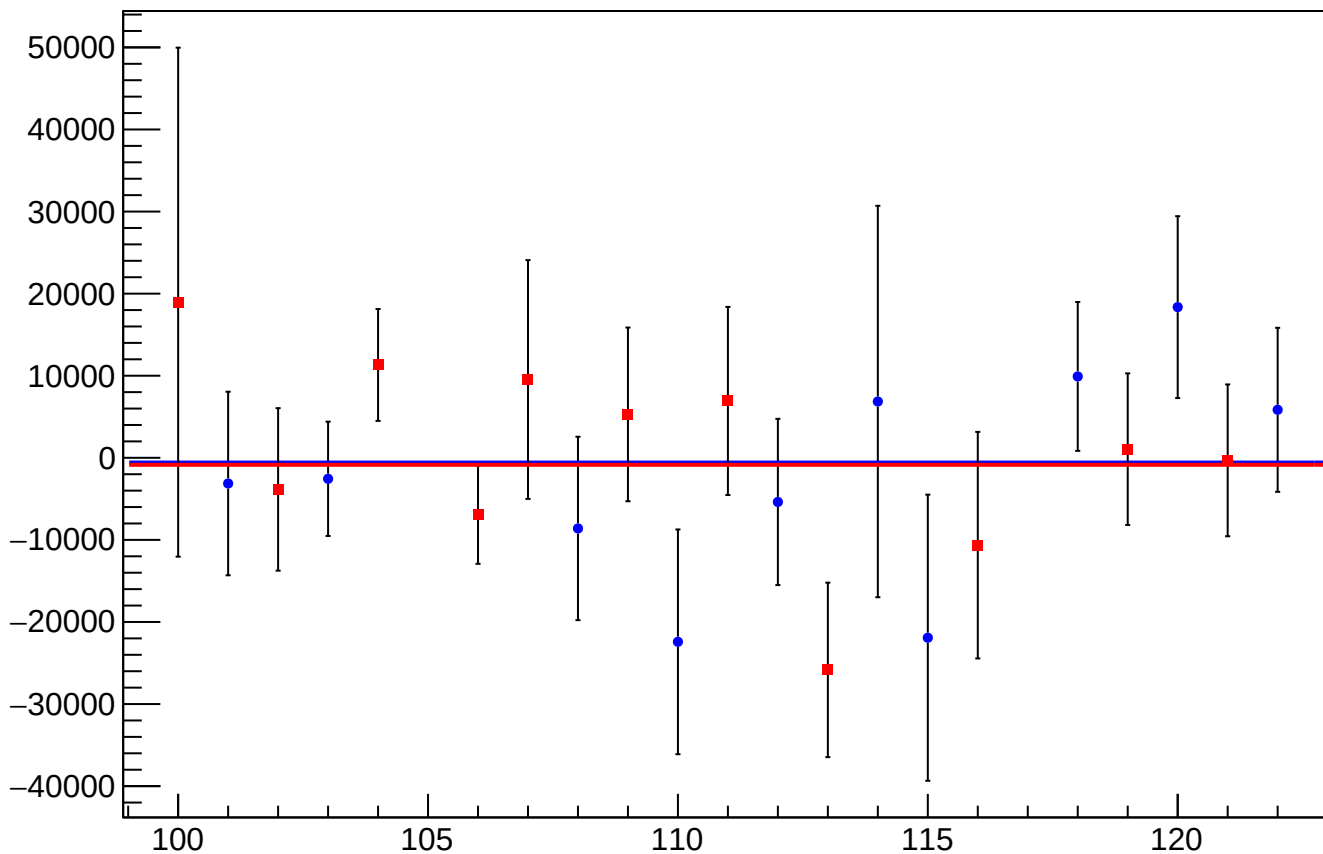
Right: 1591.062+/-0.394 χ^2/NDF : 459344.1/20

In: 1601.321+/-0.572 χ^2/NDF : 309613.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.062+/-0.394 χ^2/NDF : 459344.1/20

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: -855.164+/-2890.720 χ^2/NDF : 12.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

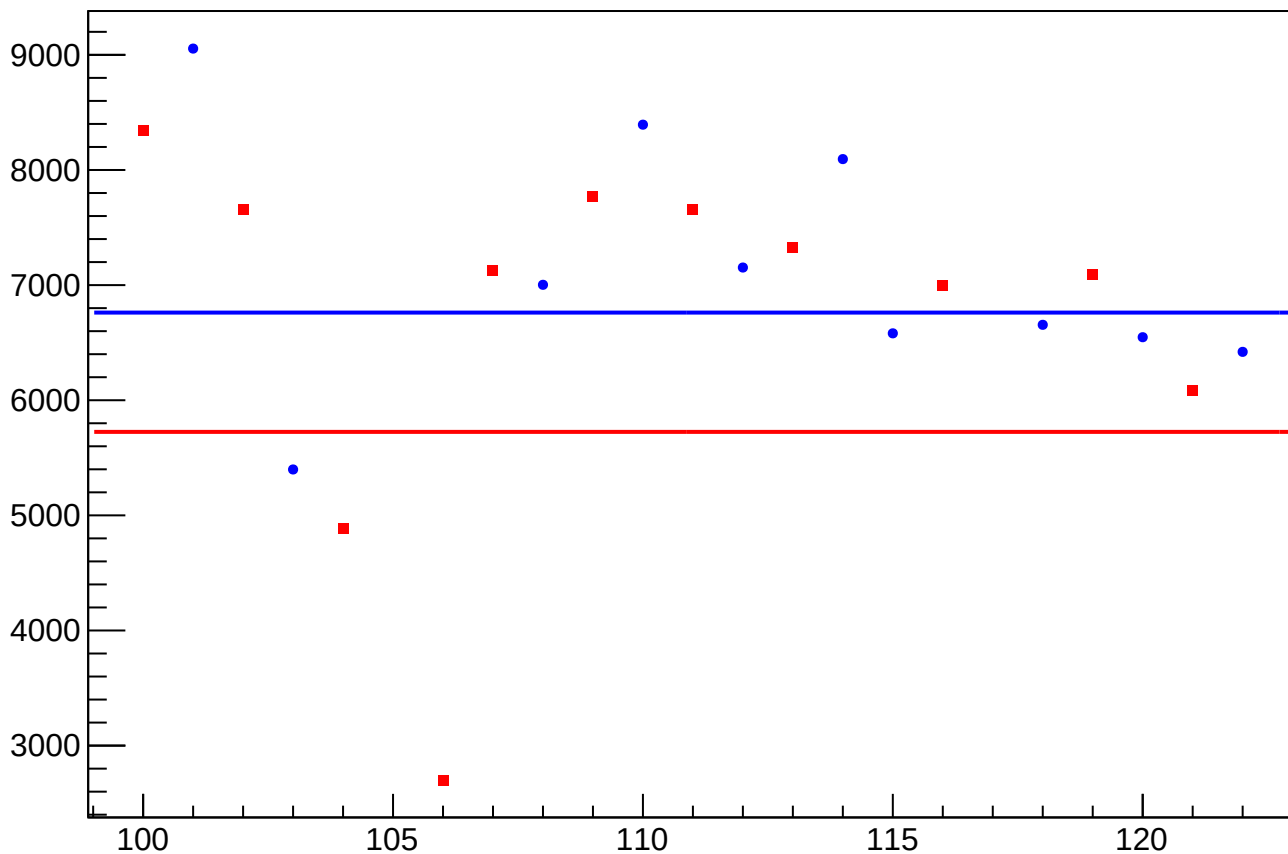
Right: -738.396+/-2199.167 χ^2/NDF : 21.8/20

In: -577.958+/-3388.422 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -738.396+/-2199.167 χ^2/NDF : 21.8/20

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: 5725.142+/-2.044 χ^2/NDF : 894838.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

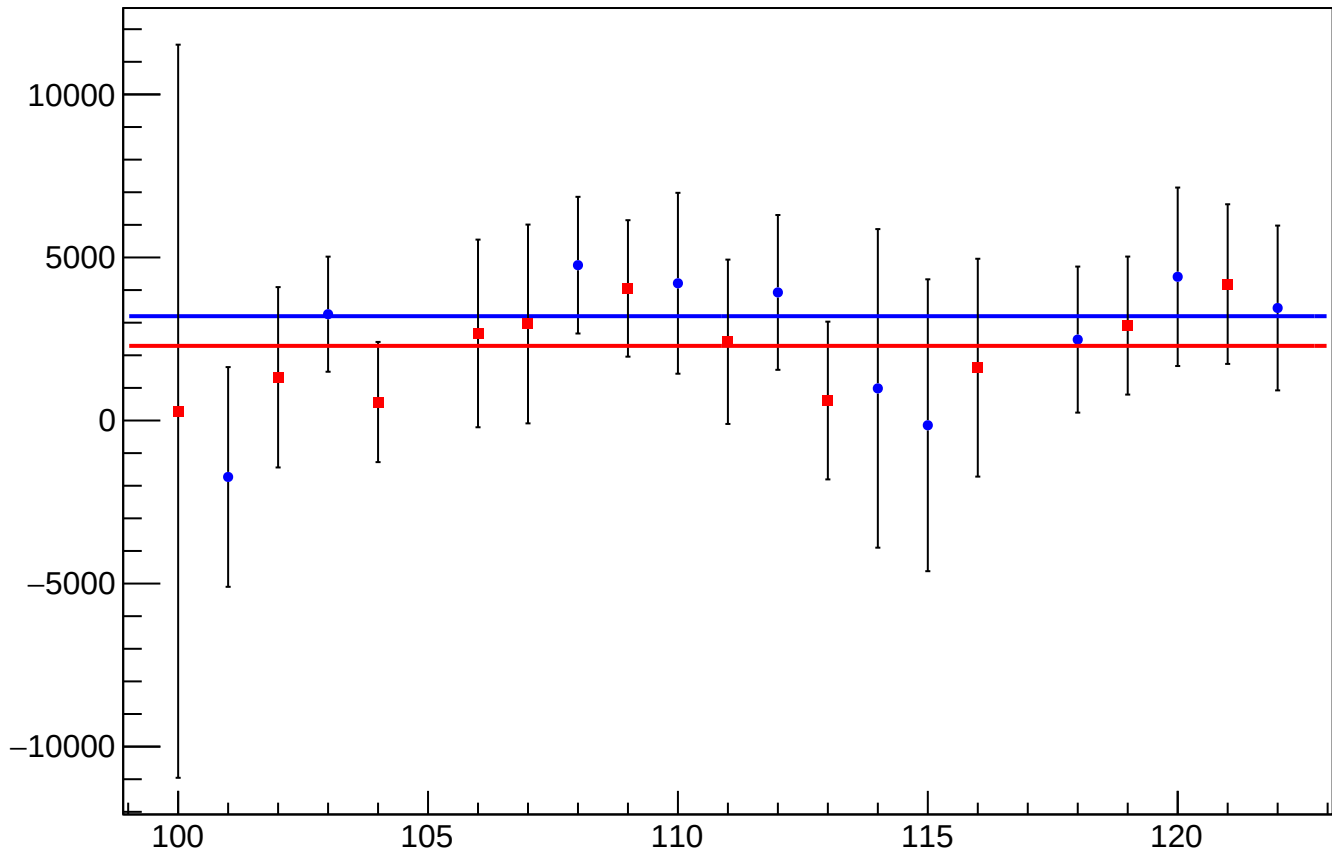
Right: 6161.636+/-1.555 χ^2/NDF : 1205980.9/20

In: 6761.374+/-2.396 χ^2/NDF : 202885.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6161.636+/-1.555 χ^2/NDF : 1205980.9/20

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: 2289.008 $\pm$ 767.378 χ^2 /NDF: 3.0/10

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

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

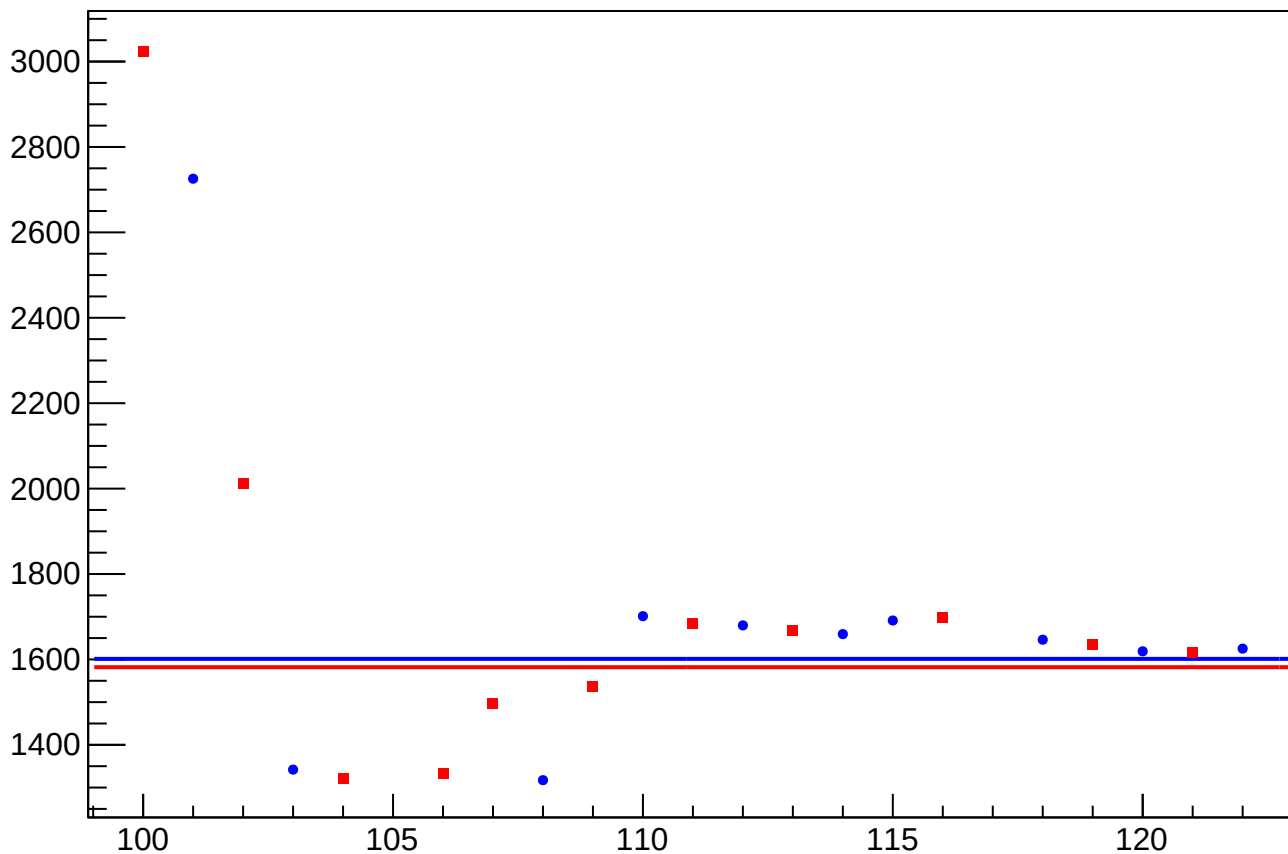
Right: 2719.820 $\pm$ 556.936 χ^2 /NDF: 7.7/20

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: 2719.820 $\pm$ 556.936 χ^2 /NDF: 7.7/20

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: 1581.844+/-0.543 χ^2/NDF : 149120.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

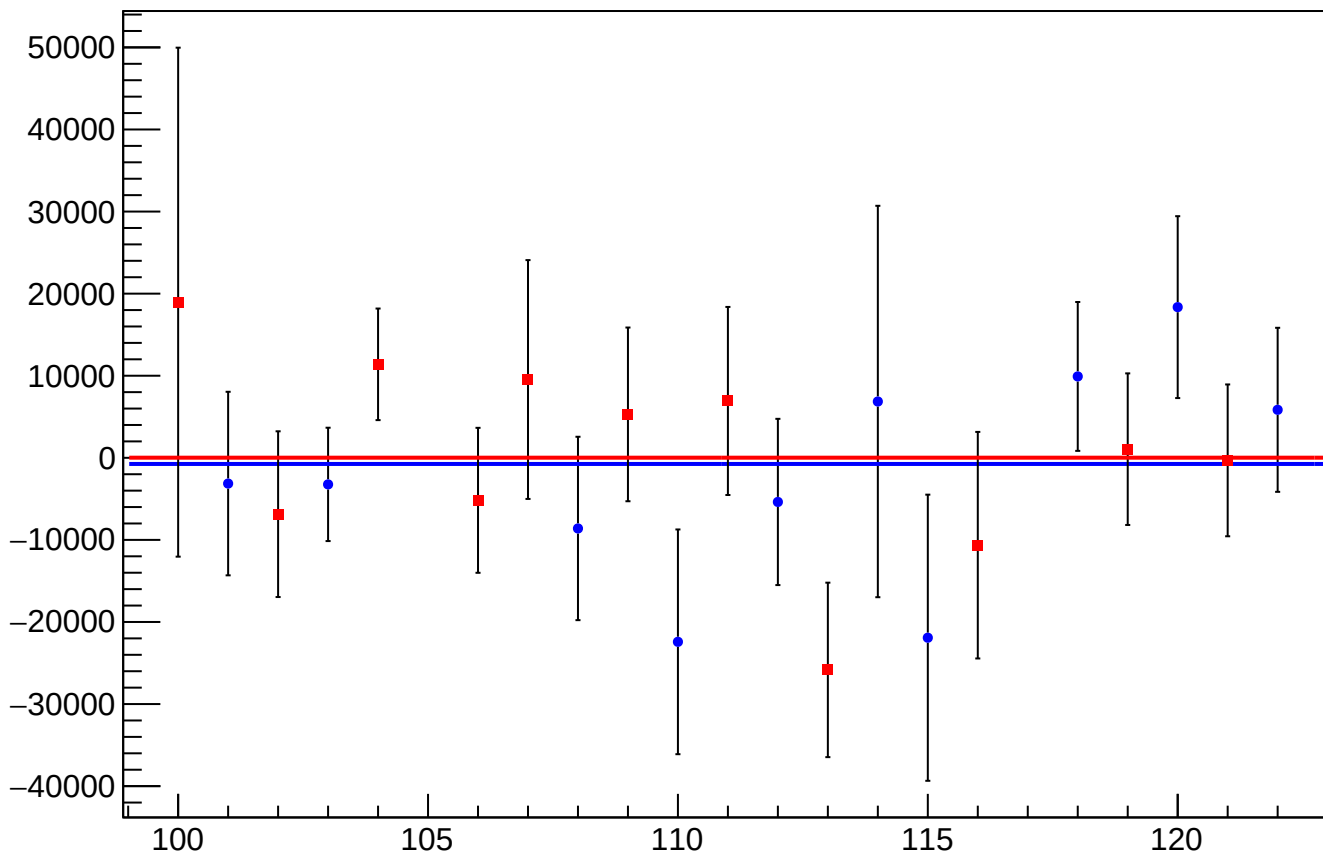
Right: 1591.062+/-0.394 χ^2/NDF : 459344.2/20

In: 1601.321+/-0.572 χ^2/NDF : 309613.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.062+/-0.394 χ^2/NDF : 459344.2/20

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: 15.489+/-3099.042 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

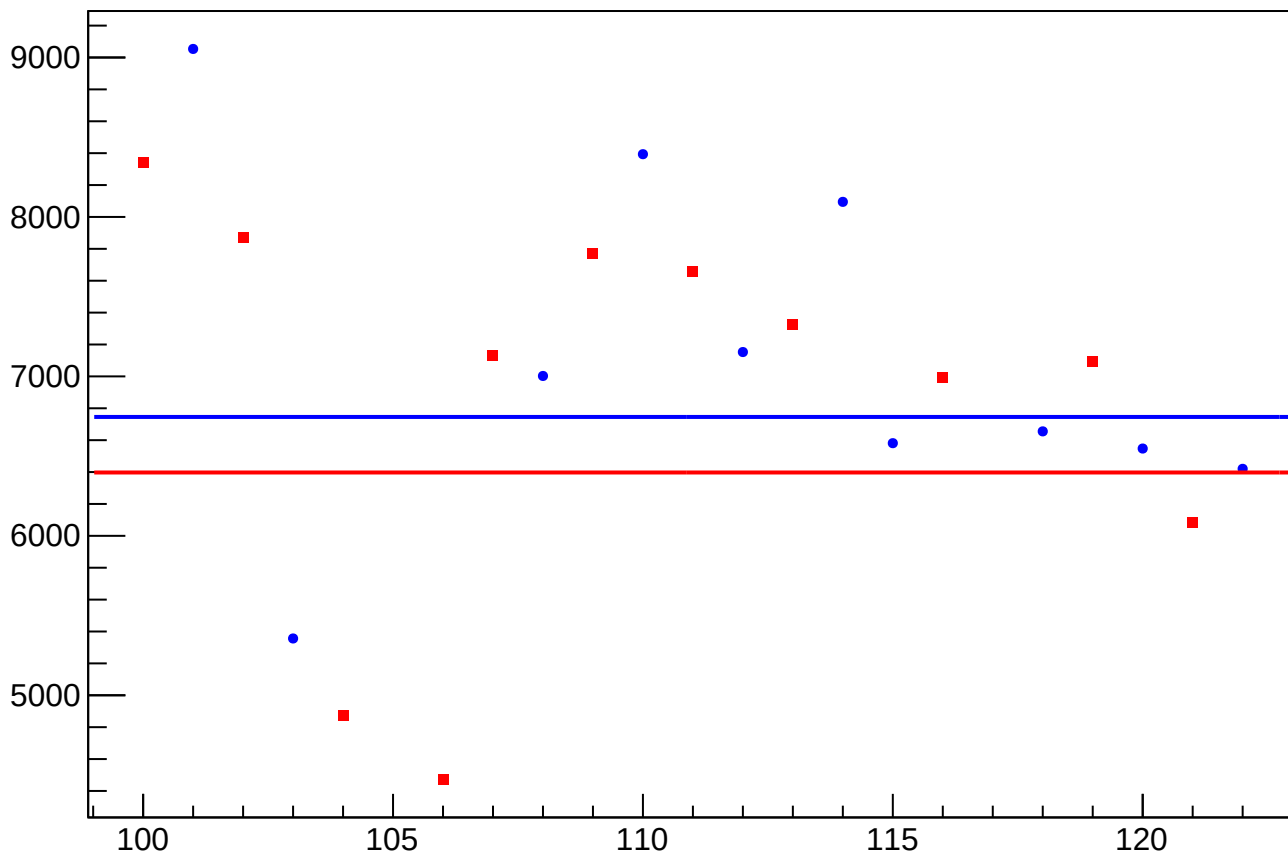
Right: -333.463+/-2284.705 χ^2/NDF : 21.3/20

In: -748.930+/-3381.528 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -333.463+/-2284.705 χ^2/NDF : 21.3/20

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: 6397.305+/-2.191 χ^2/NDF : 342138.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

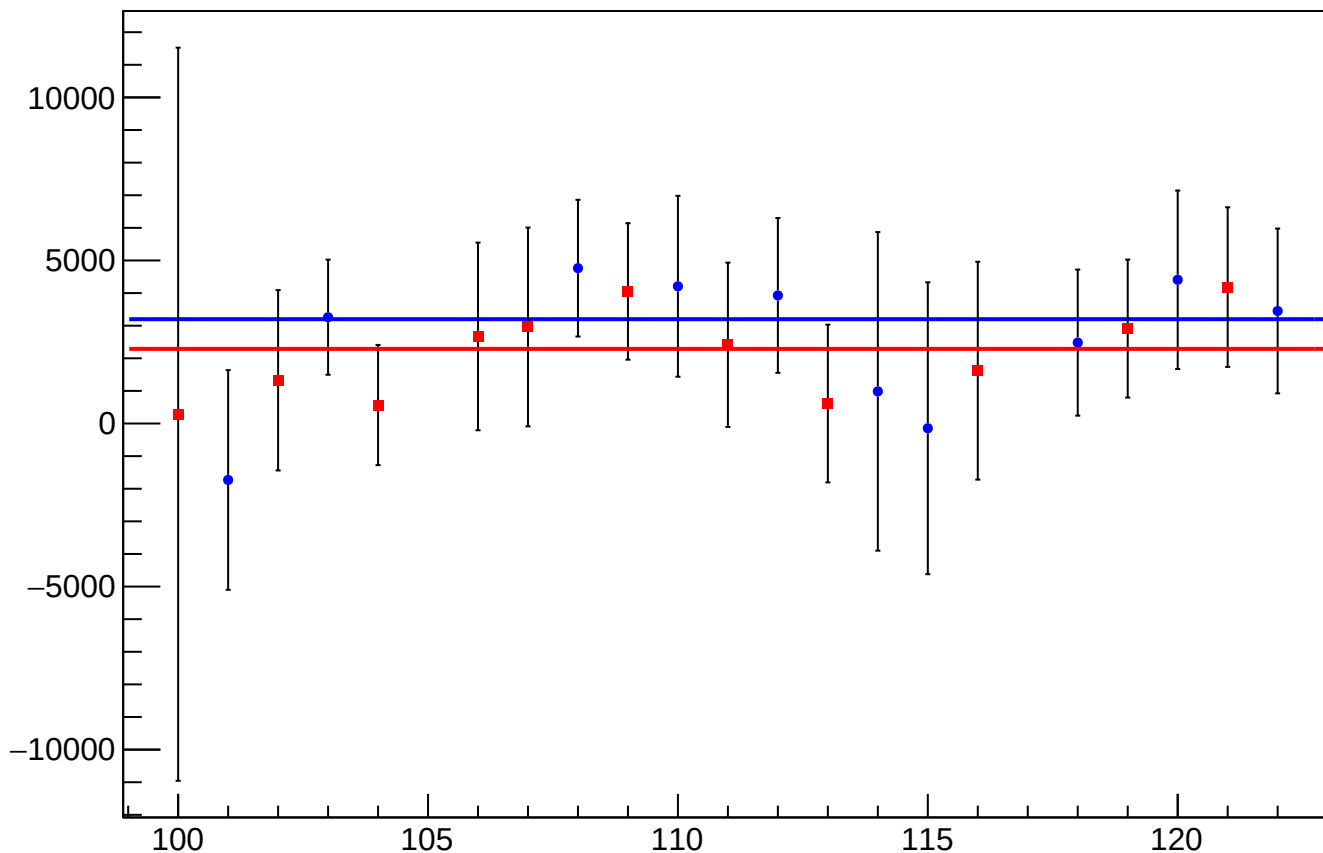
Right: 6556.326+/-1.616 χ^2/NDF : 562700.0/20

In: 6745.659+/-2.391 χ^2/NDF : 209025.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6556.326+/-1.616 χ^2/NDF : 562700.0/20

eigen_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: 2289.008 $\pm$ 767.378 χ^2 /NDF: 3.0/10

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

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

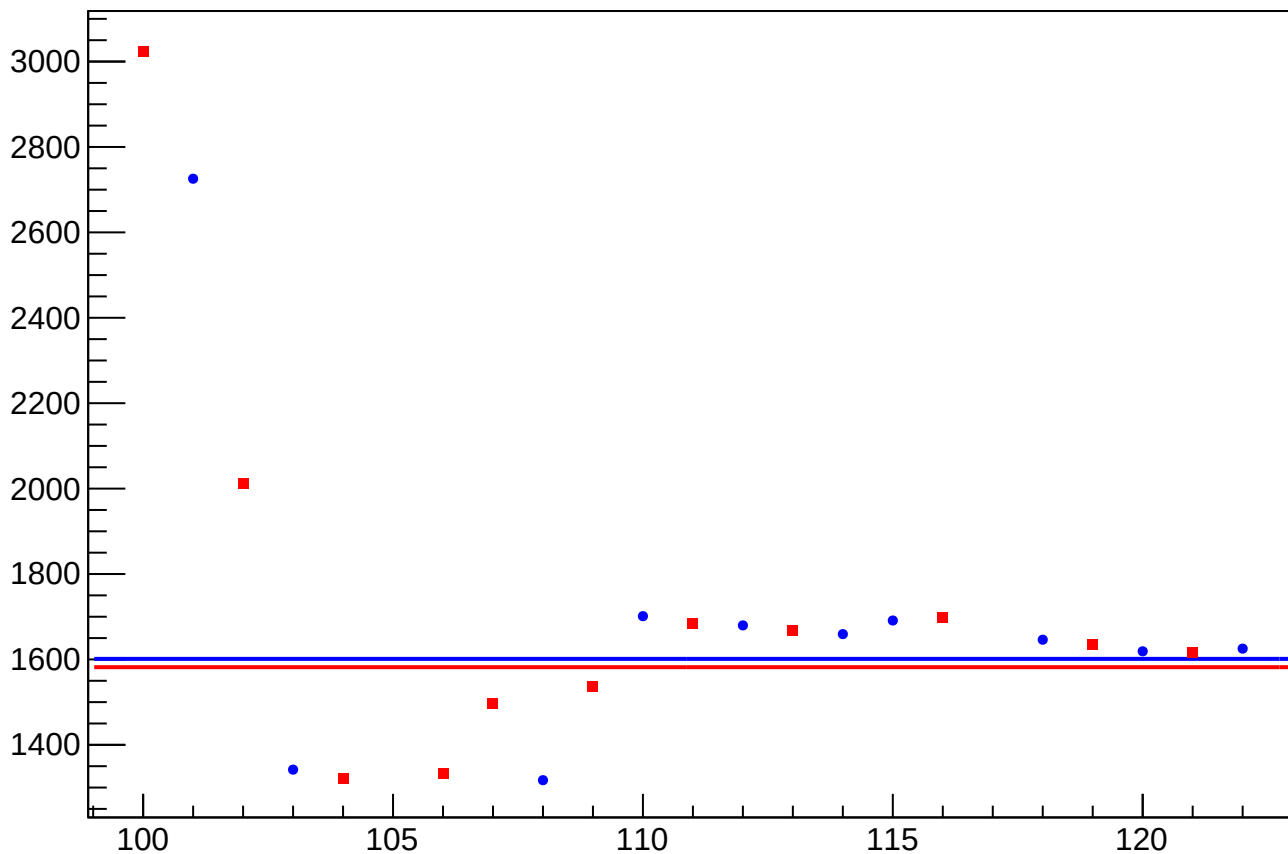
Right: 2719.820 $\pm$ 556.936 χ^2 /NDF: 7.7/20

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: 2719.820 $\pm$ 556.936 χ^2 /NDF: 7.7/20

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: 1581.844+/-0.543 χ^2/NDF : 149120.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

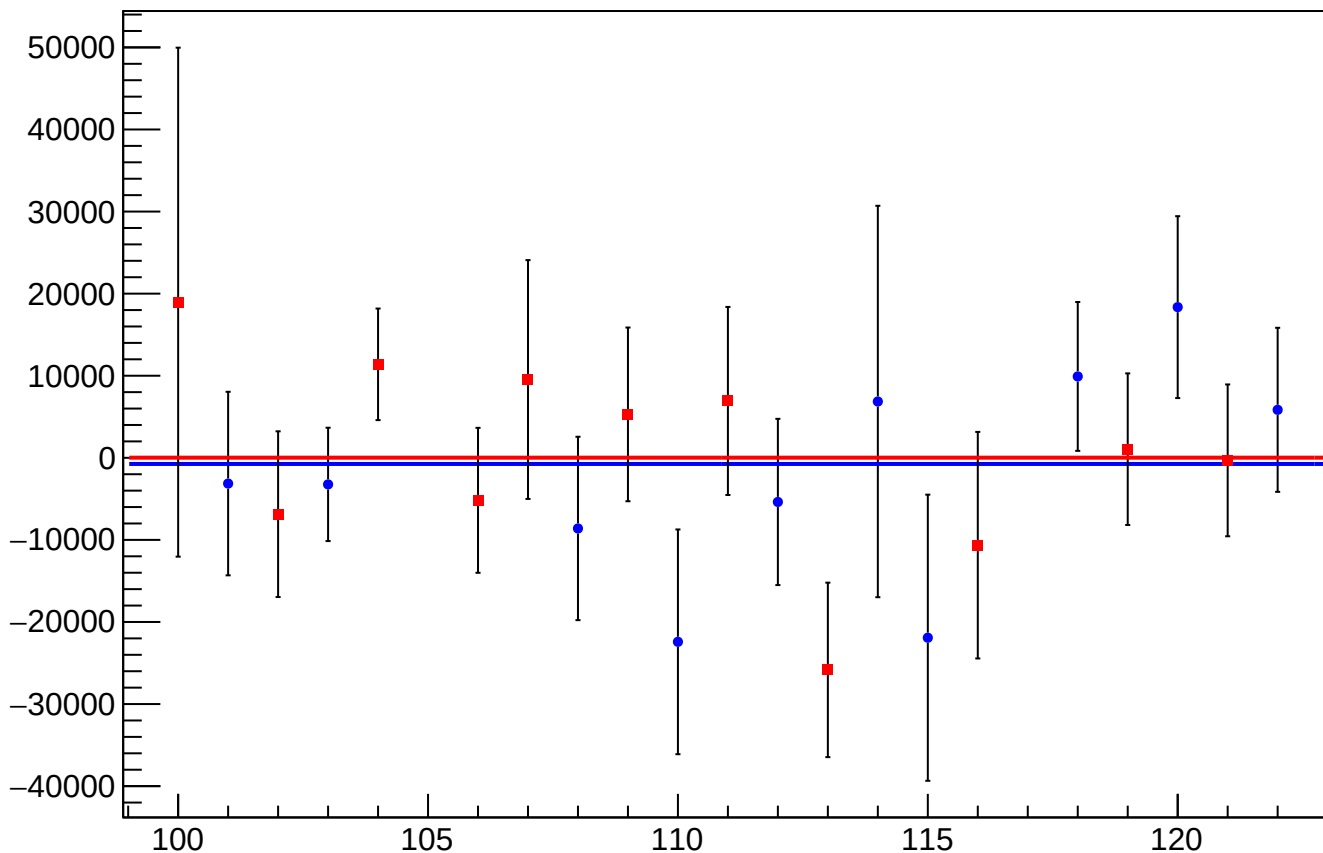
Right: 1591.062+/-0.394 χ^2/NDF : 459344.2/20

In: 1601.321+/-0.572 χ^2/NDF : 309613.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.062+/-0.394 χ^2/NDF : 459344.2/20

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: 15.489+/-3099.042 χ^2/NDF : 11.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

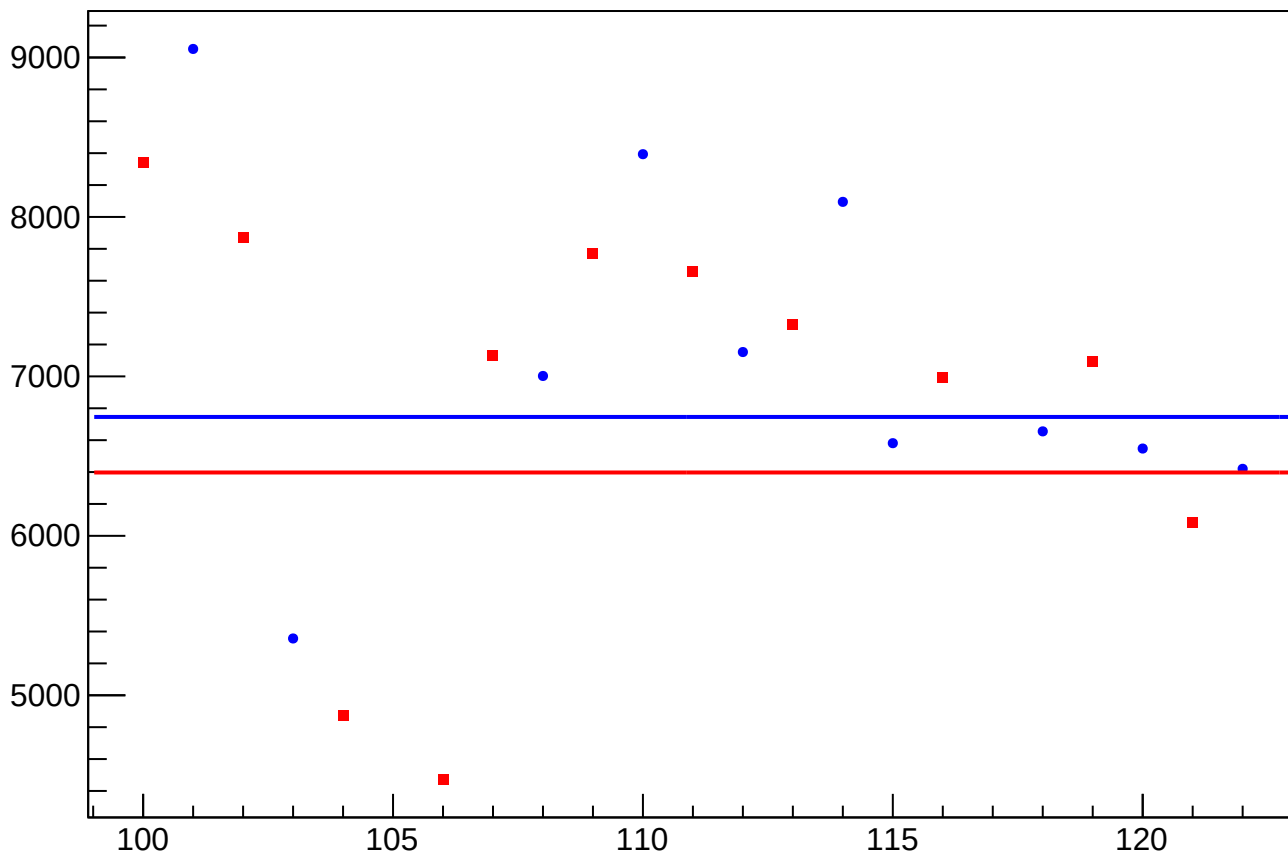
Right: -333.463+/-2284.705 χ^2/NDF : 21.3/20

In: -748.930+/-3381.528 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -333.463+/-2284.705 χ^2/NDF : 21.3/20

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: 6397.305+/-2.191 χ^2/NDF : 342138.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

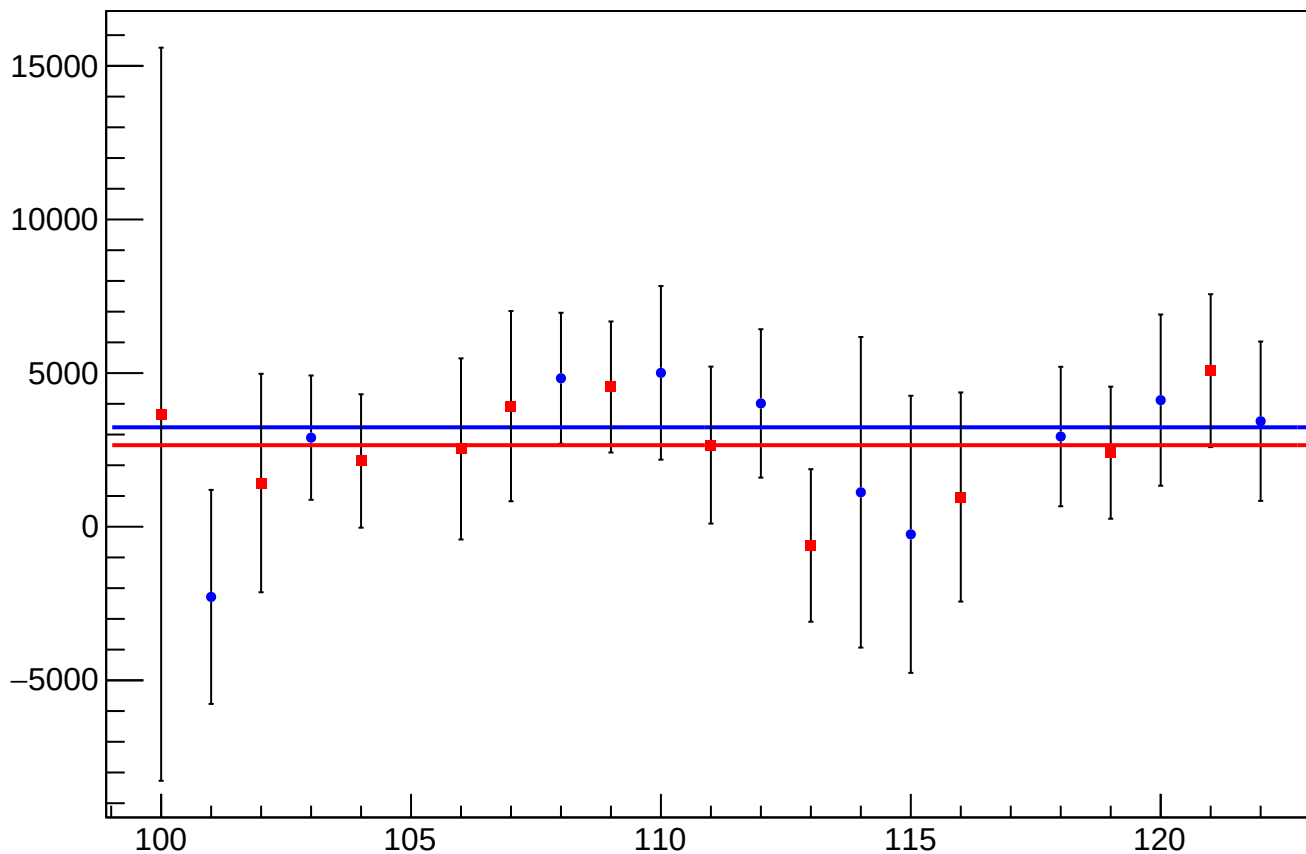
Right: 6556.326+/-1.616 χ^2/NDF : 562700.0/20

In: 6745.659+/-2.391 χ^2/NDF : 209025.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6556.326+/-1.616 χ^2/NDF : 562700.0/20

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: 2653.834 $\pm$ 811.802 χ^2 /NDF: 4.1/10

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

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

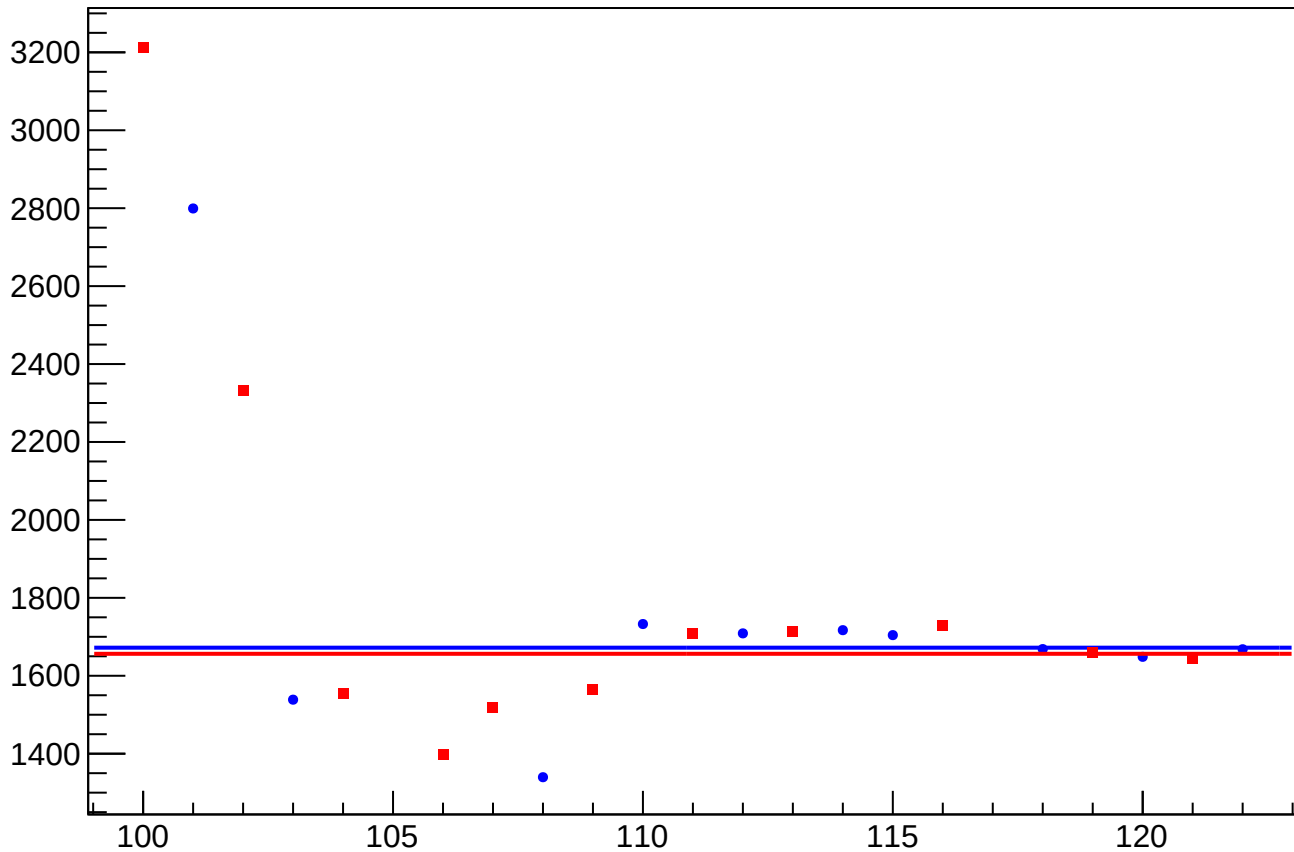
Right: 2933.605 $\pm$ 585.110 χ^2 /NDF: 8.8/20

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: 2933.605 $\pm$ 585.110 χ^2 /NDF: 8.8/20

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: 1656.368+/-0.574 χ^2/NDF : 136498.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

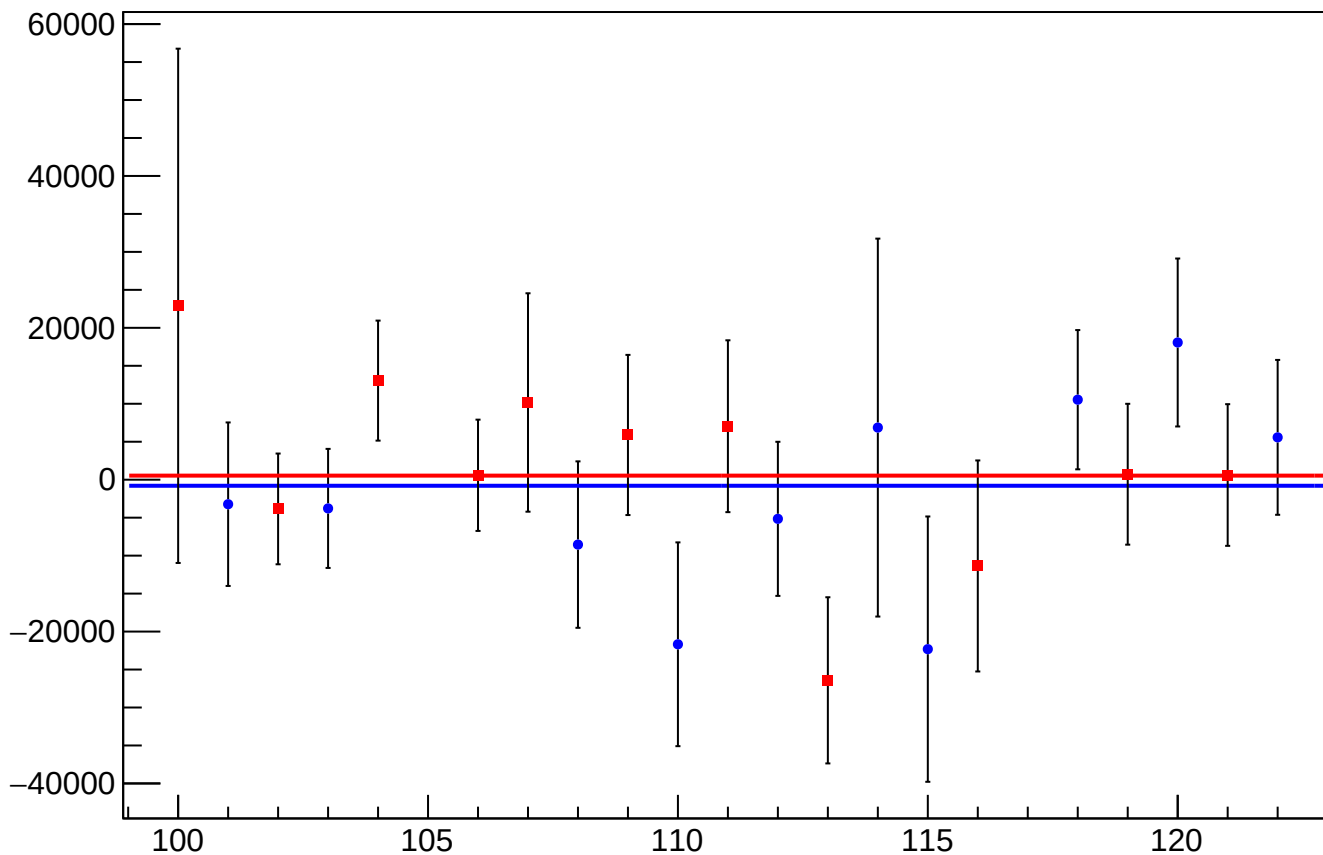
Right: 1663.923+/-0.414 χ^2/NDF : 405422.4/20

In: 1672.100+/-0.597 χ^2/NDF : 268563.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1663.923+/-0.414 χ^2/NDF : 405422.4/20

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: 536.179+/-2980.031 χ^2/NDF : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

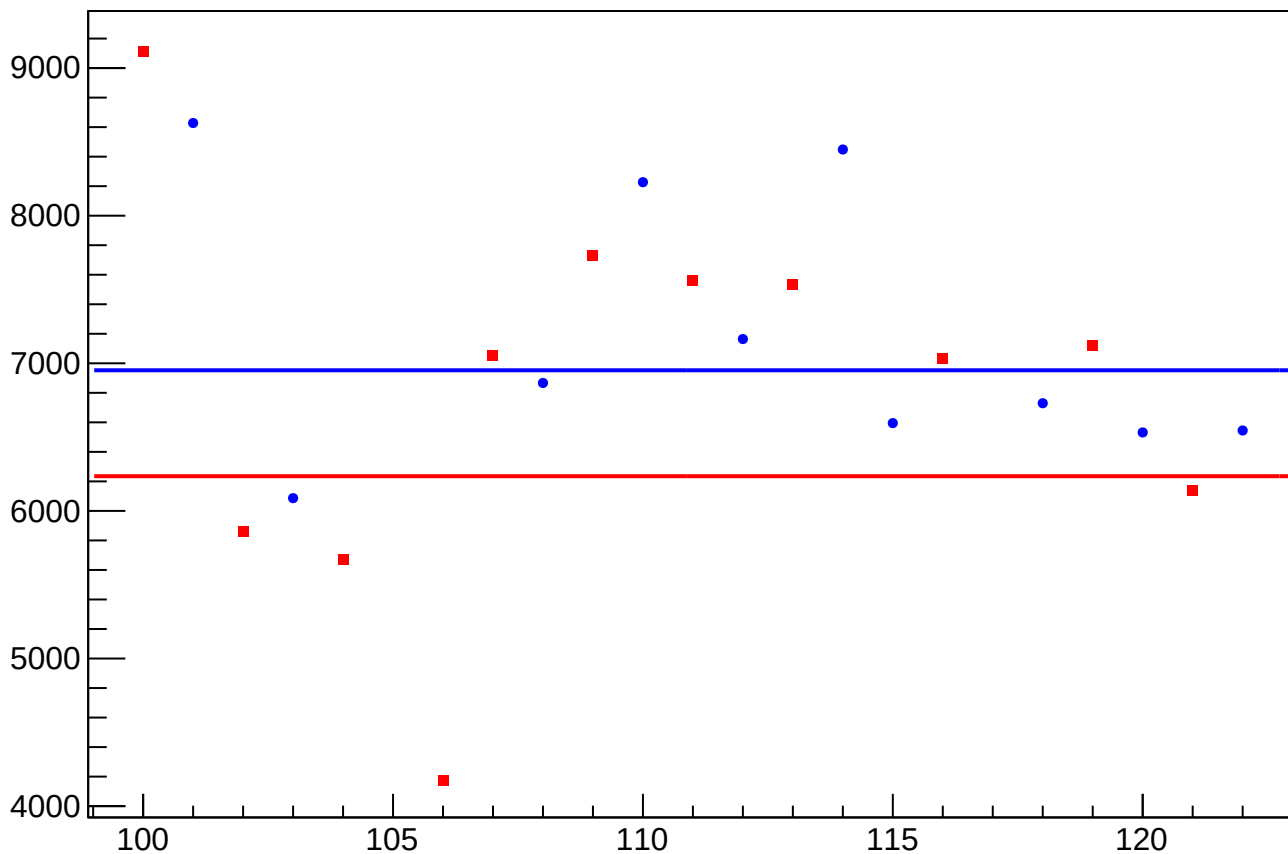
Right: -30.542+/-2260.637 χ^2/NDF : 21.0/20

In: -798.749+/-3469.565 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.542+/-2260.637 χ^2/NDF : 21.0/20

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: 6235.184+/-2.107 χ^2/NDF : 315357.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

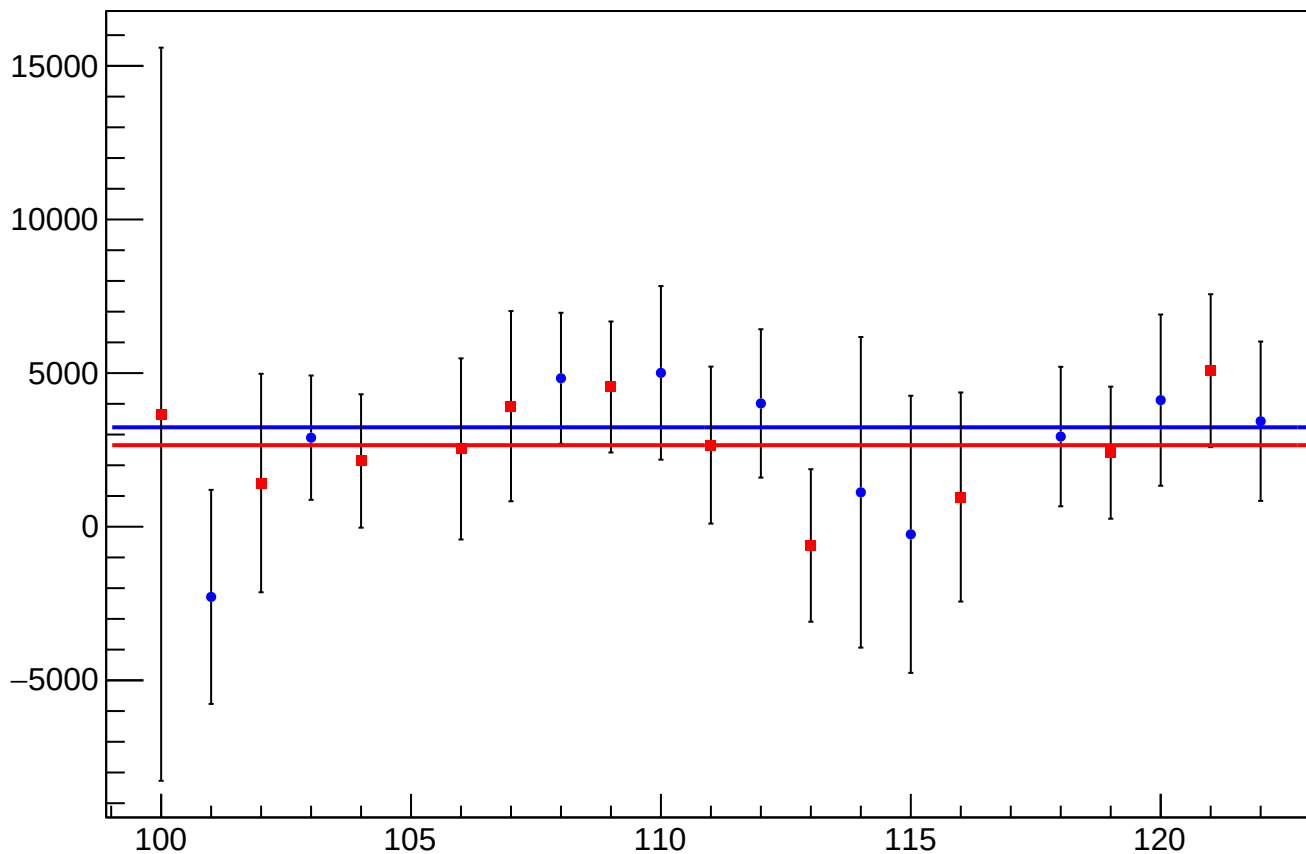
Right: 6539.796+/-1.599 χ^2/NDF : 471804.8/20

In: 6952.706+/-2.453 χ^2/NDF : 107223.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6539.796+/-1.599 χ^2/NDF : 471804.8/20

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: 2653.845+/-811.802 χ^2/NDF : 4.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

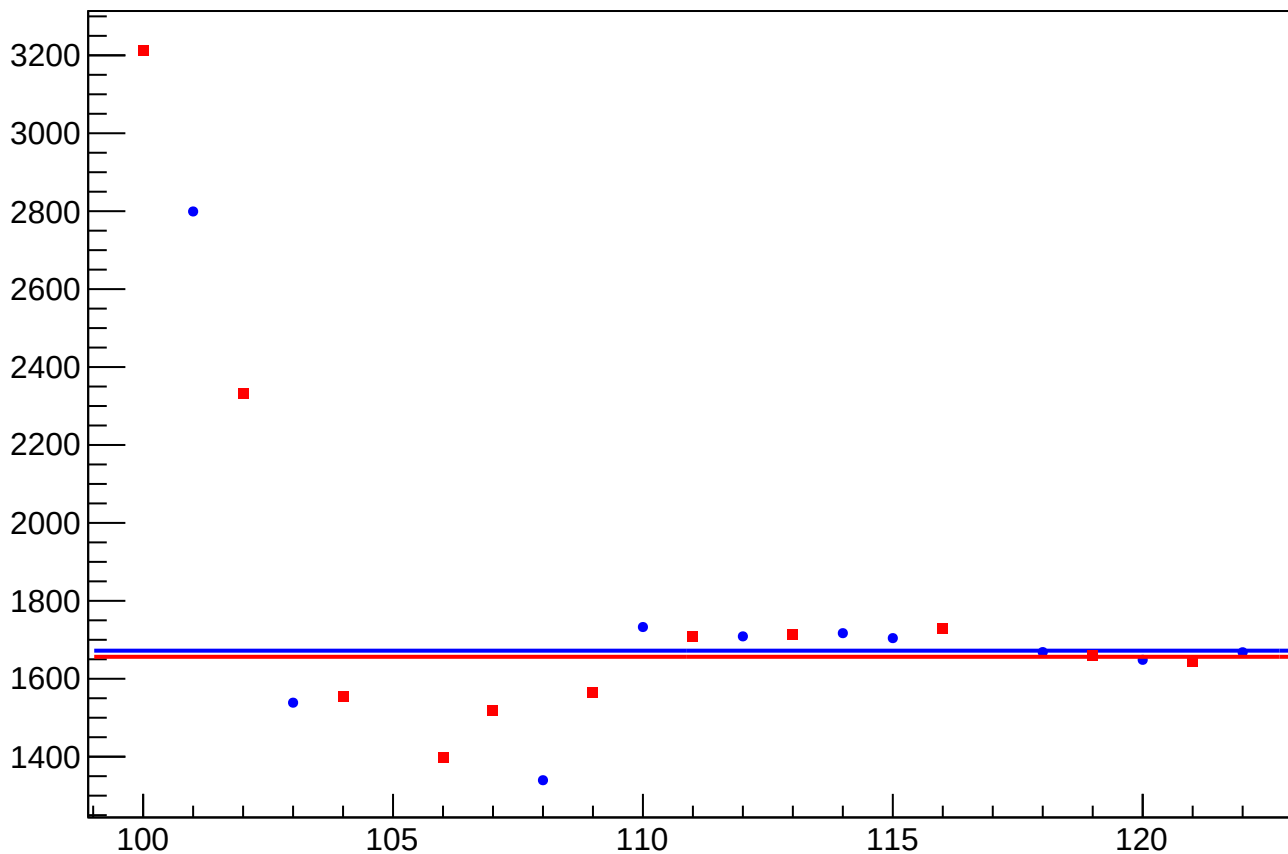
Right: 2933.607+/-585.110 χ^2/NDF : 8.8/20

In: 3236.061+/-844.083 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2933.607+/-585.110 χ^2/NDF : 8.8/20

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: 1656.367+/-0.574 χ^2/NDF : 136497.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

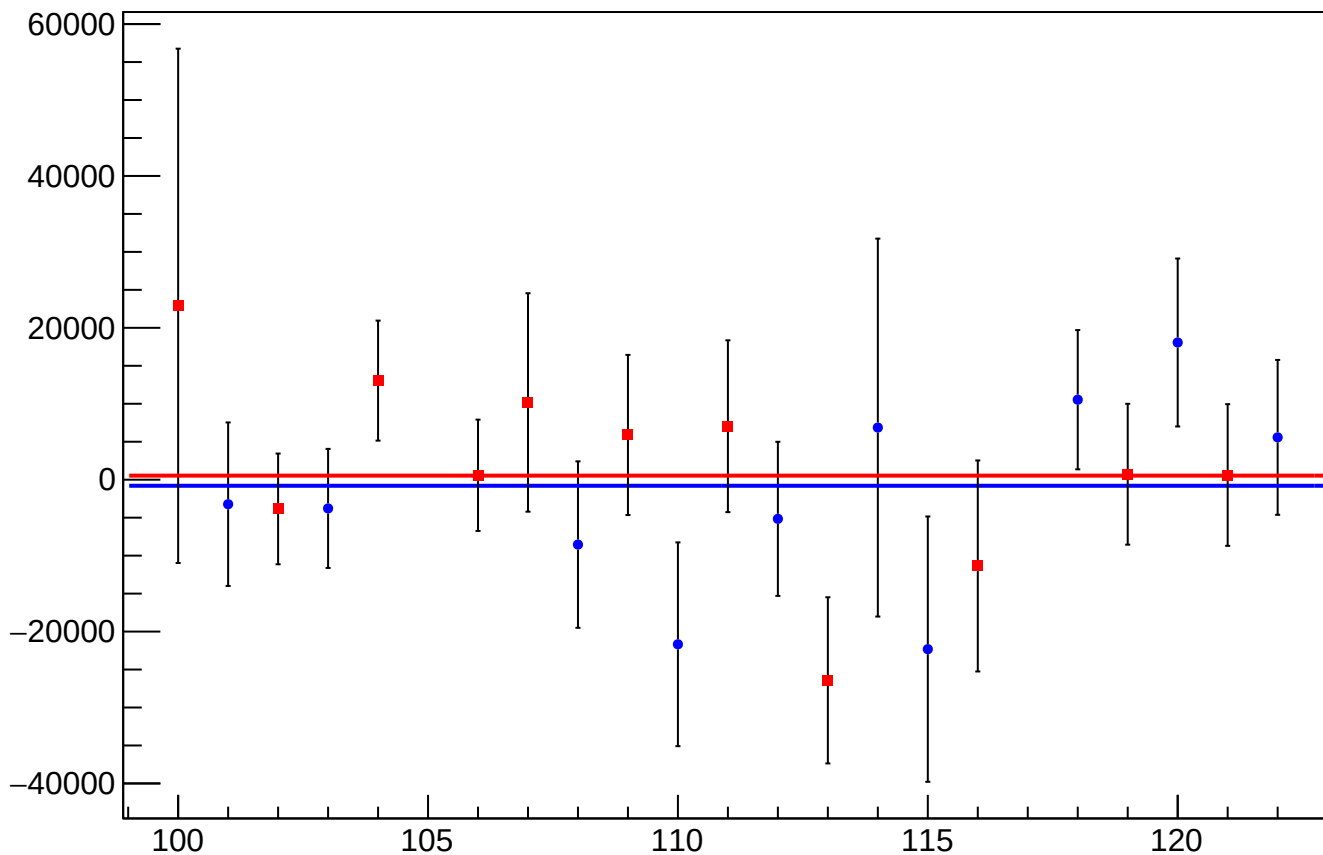
Right: 1663.922+/-0.414 χ^2/NDF : 405421.8/20

In: 1672.100+/-0.597 χ^2/NDF : 268562.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1663.922+/-0.414 χ^2/NDF : 405421.8/20

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: 536.184+/-2980.025 χ^2/NDF : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

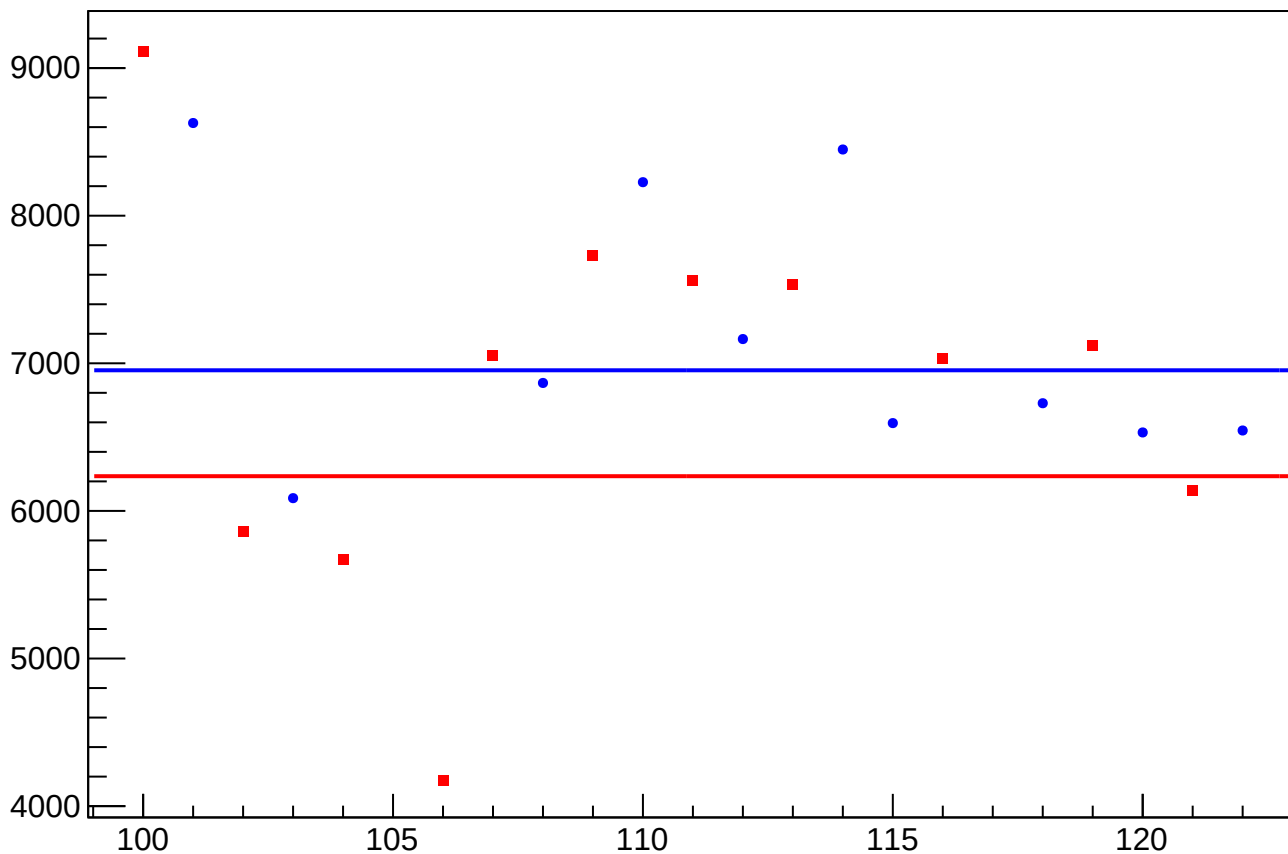
Right: -30.533+/-2260.632 χ^2/NDF : 21.0/20

In: -798.732+/-3469.555 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.533+/-2260.632 χ^2/NDF : 21.0/20

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: 6235.171+/-2.107 χ^2/NDF : 315356.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

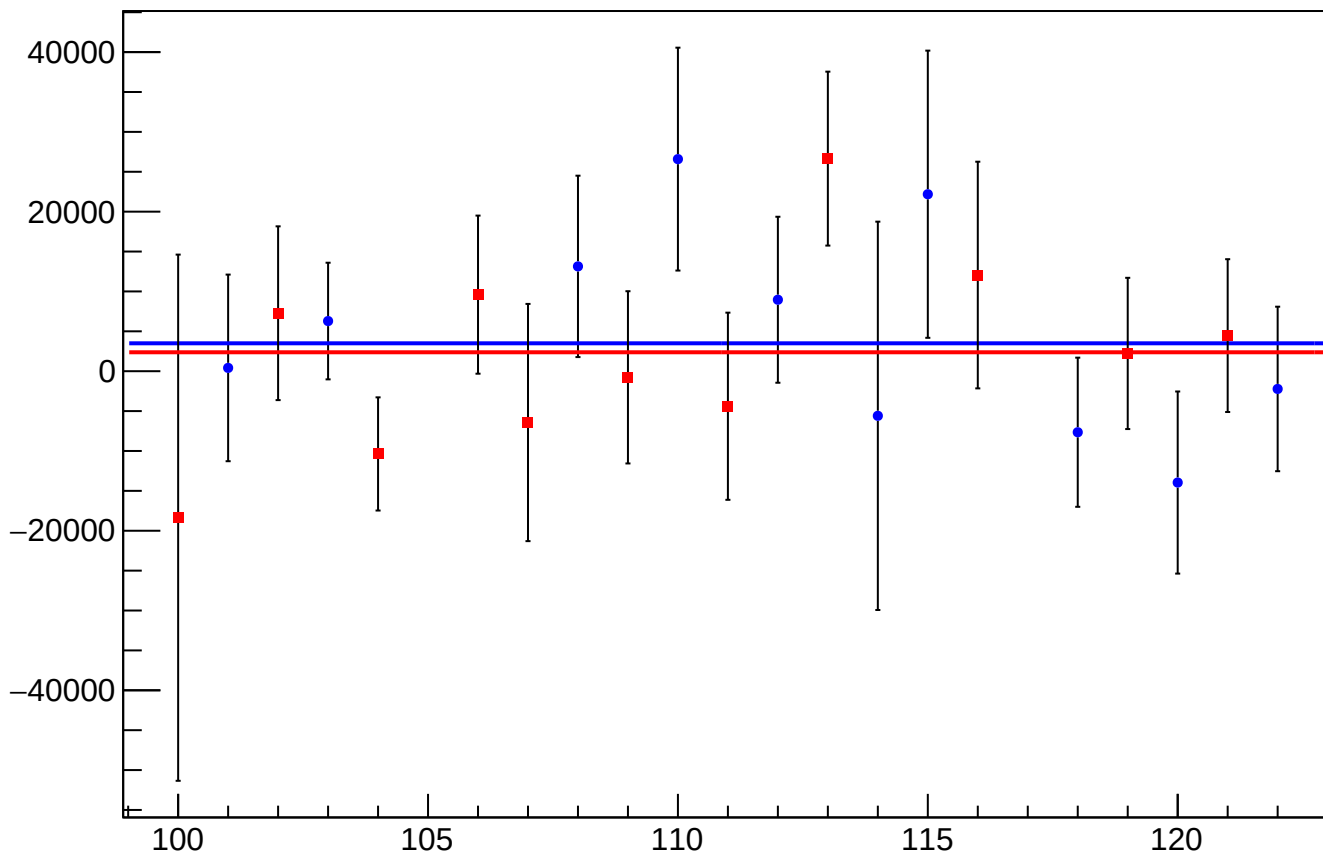
Right: 6539.781+/-1.599 χ^2/NDF : 471803.4/20

In: 6952.687+/-2.453 χ^2/NDF :107224.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6539.781+/-1.599 χ^2/NDF : 471803.4/20

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: 2372.253+/-3241.470 χ^2/NDF : 10.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

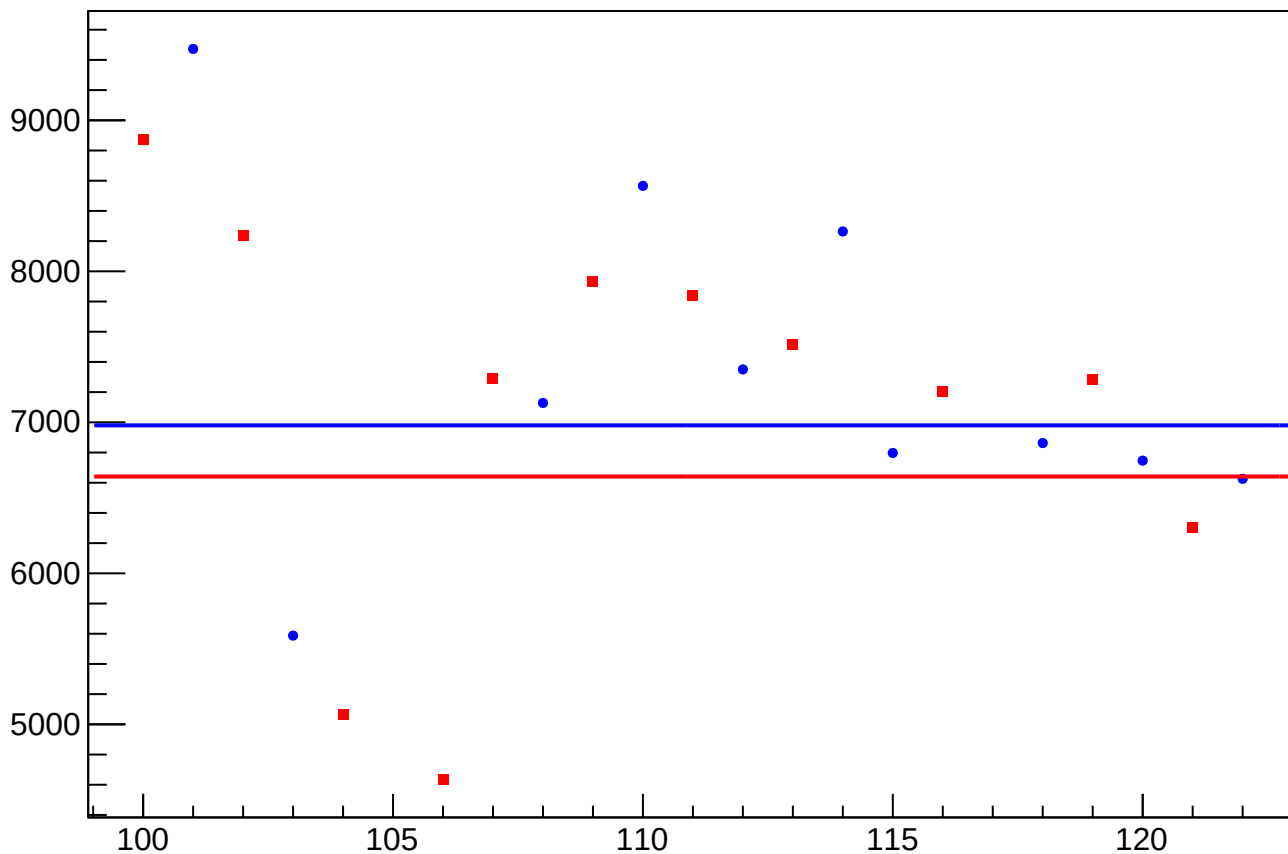
Right: 2890.984+/-2379.667 χ^2/NDF : 19.9/20

In: 3497.360+/-3504.628 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2890.984+/-2379.667 χ^2/NDF : 19.9/20

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: 6641.240+/-2.292 χ^2/NDF : 314182.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

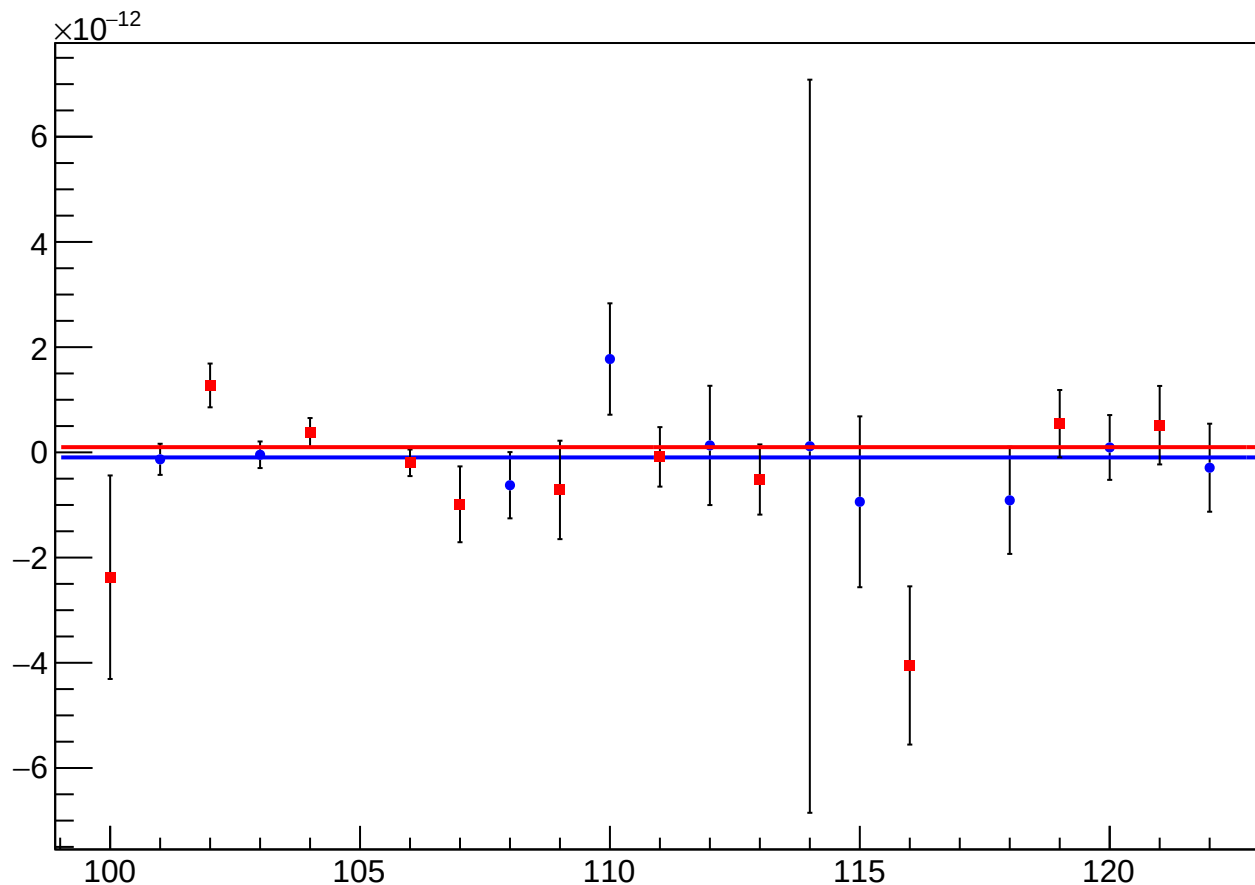
Right: 6797.411+/-1.683 χ^2/NDF : 525595.2/20

In: 6980.000+/-2.478 χ^2/NDF : 201341.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6797.411+/-1.683 χ^2/NDF : 525595.2/20

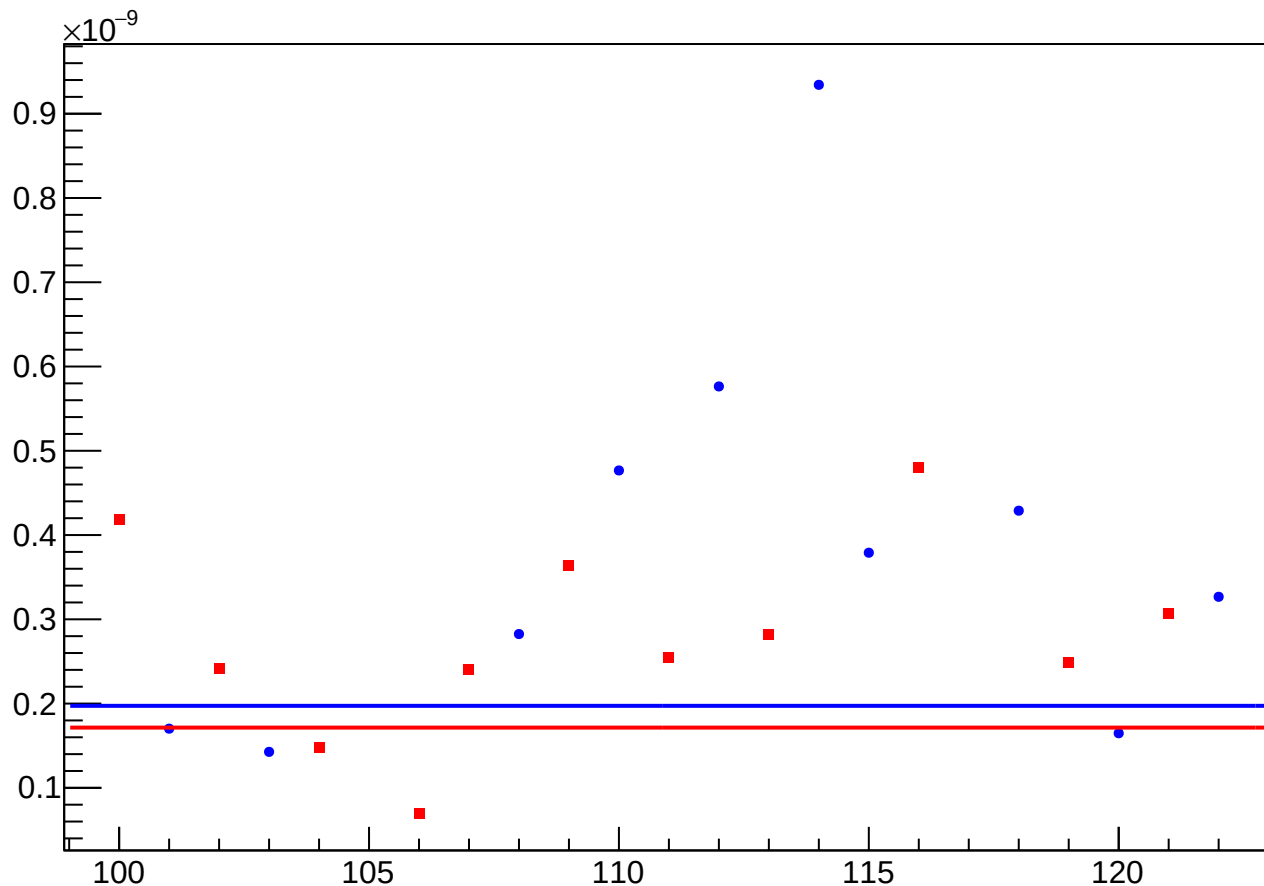
asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 24.3/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: 0.000 ± 0.000 χ^2/NDF : 30.1/20
 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 : 30.1/20

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 : 809987.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

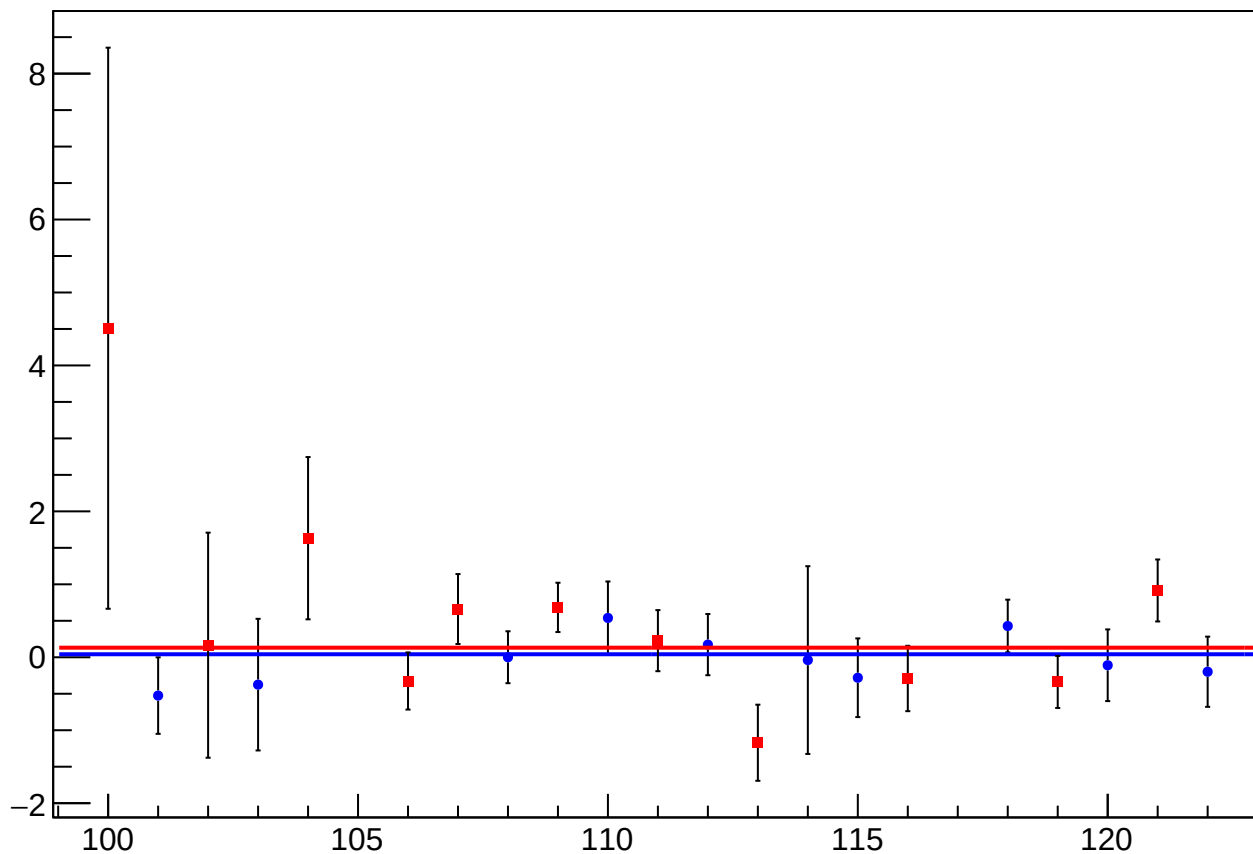
Right: 0.000+/-0.000 χ^2/NDF : 1551554.3/20

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 : 1551554.3/20

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: 0.131+/-0.143 χ^2/NDF : 20.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

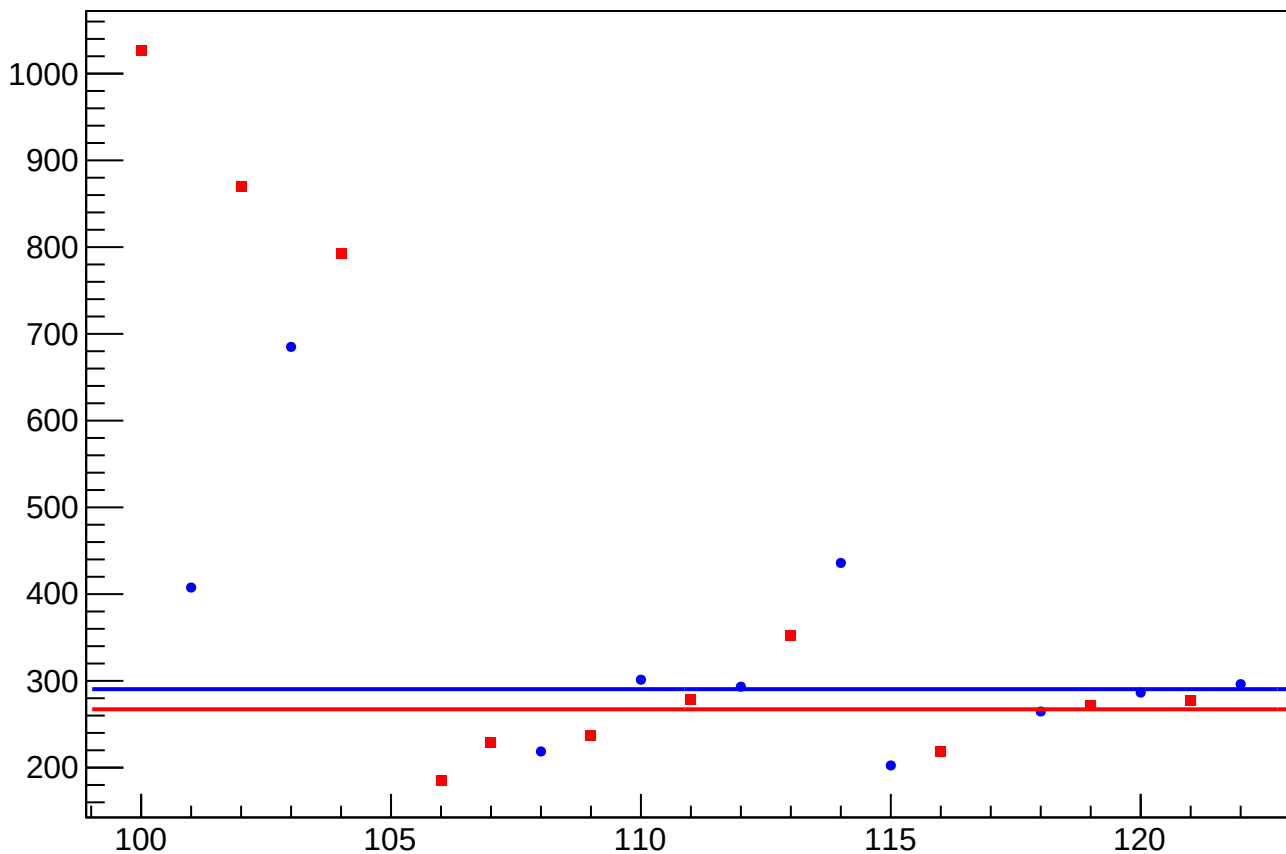
Right: 0.089+/-0.105 χ^2/NDF : 25.2/20

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 : 25.2/20

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: 267.228+/-0.101 χ^2/NDF : 1026569.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

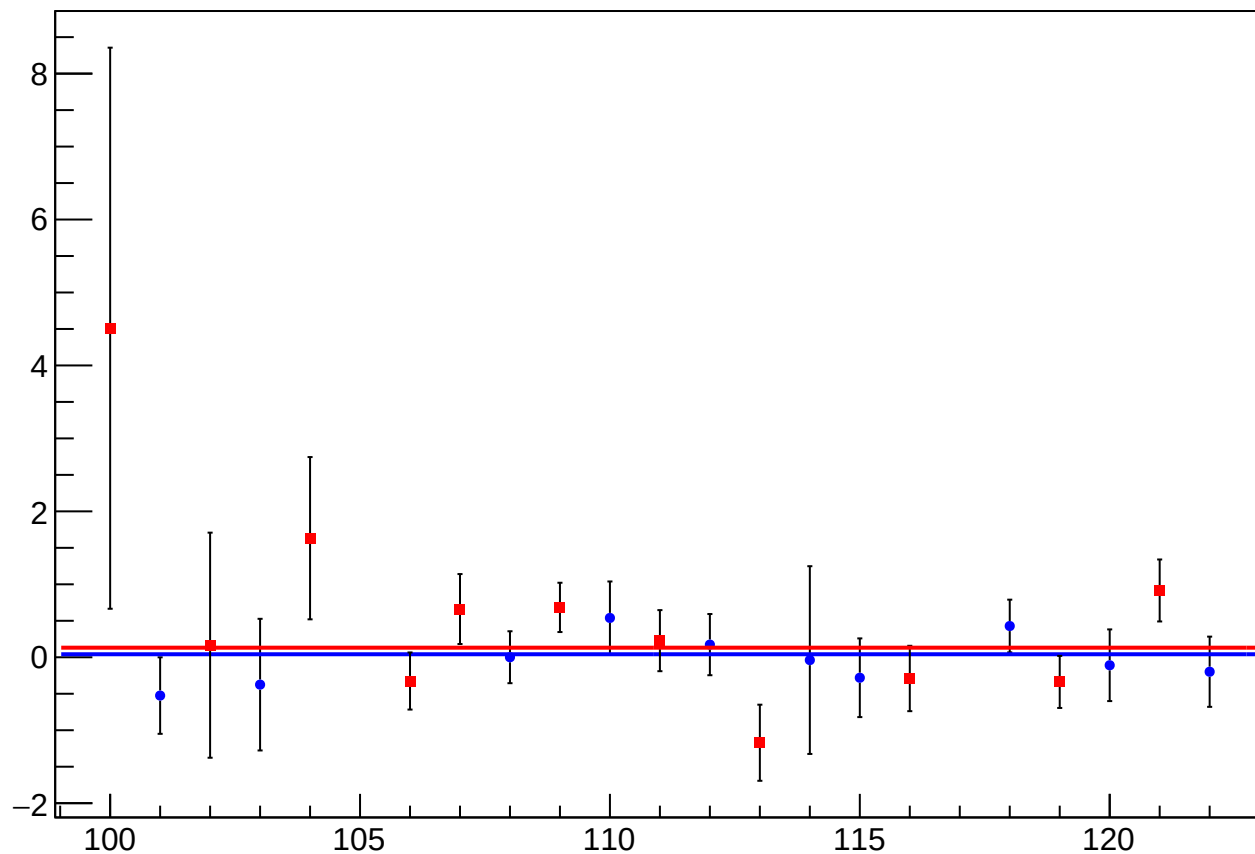
Right: 278.064+/-0.074 χ^2/NDF : 1705160.9/20

In: 290.447+/-0.108 χ^2/NDF : 654084.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.064+/-0.074 χ^2/NDF : 1705160.9/20

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: 0.131+/-0.143 χ^2/NDF : 20.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

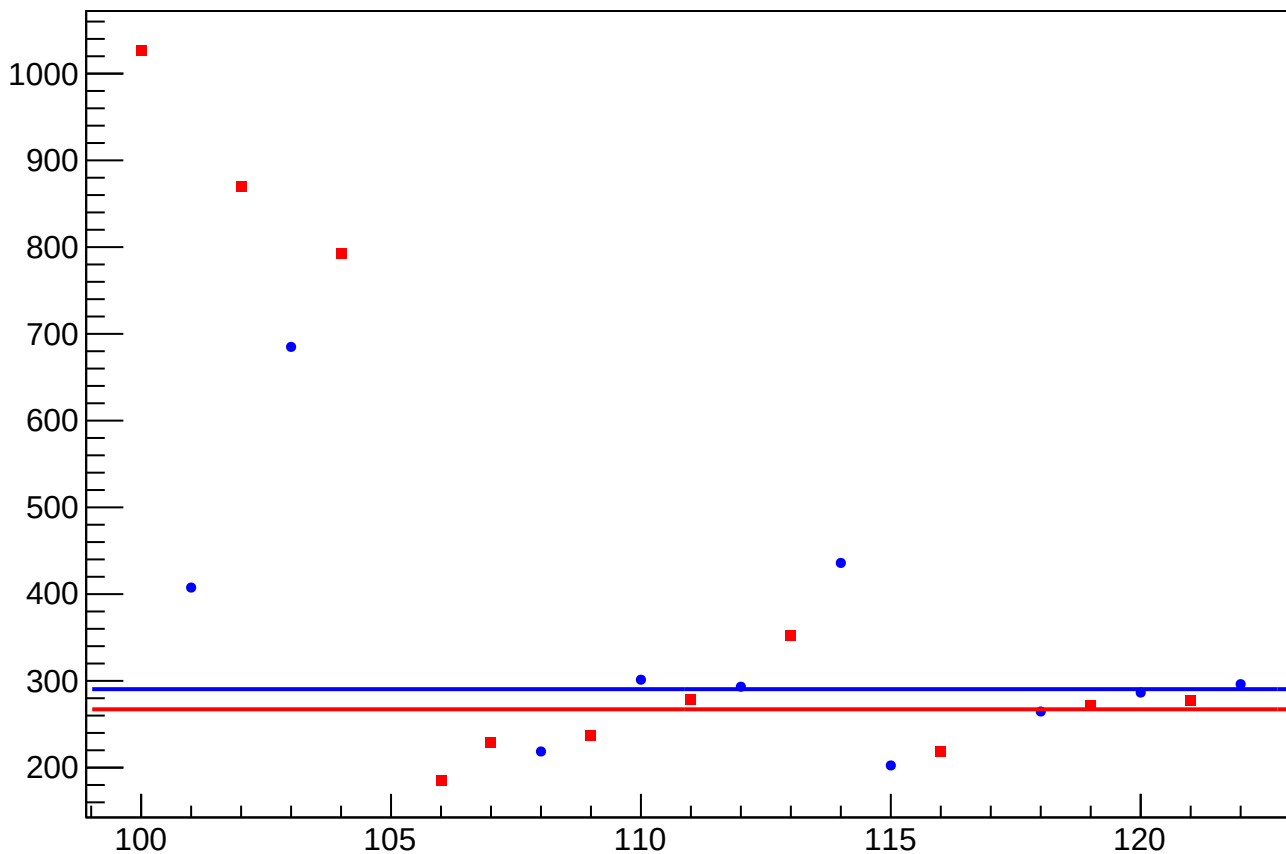
Right: 0.089+/-0.105 χ^2/NDF : 25.2/20

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 : 25.2/20

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: 267.228+/-0.101 χ^2/NDF : 1026569.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

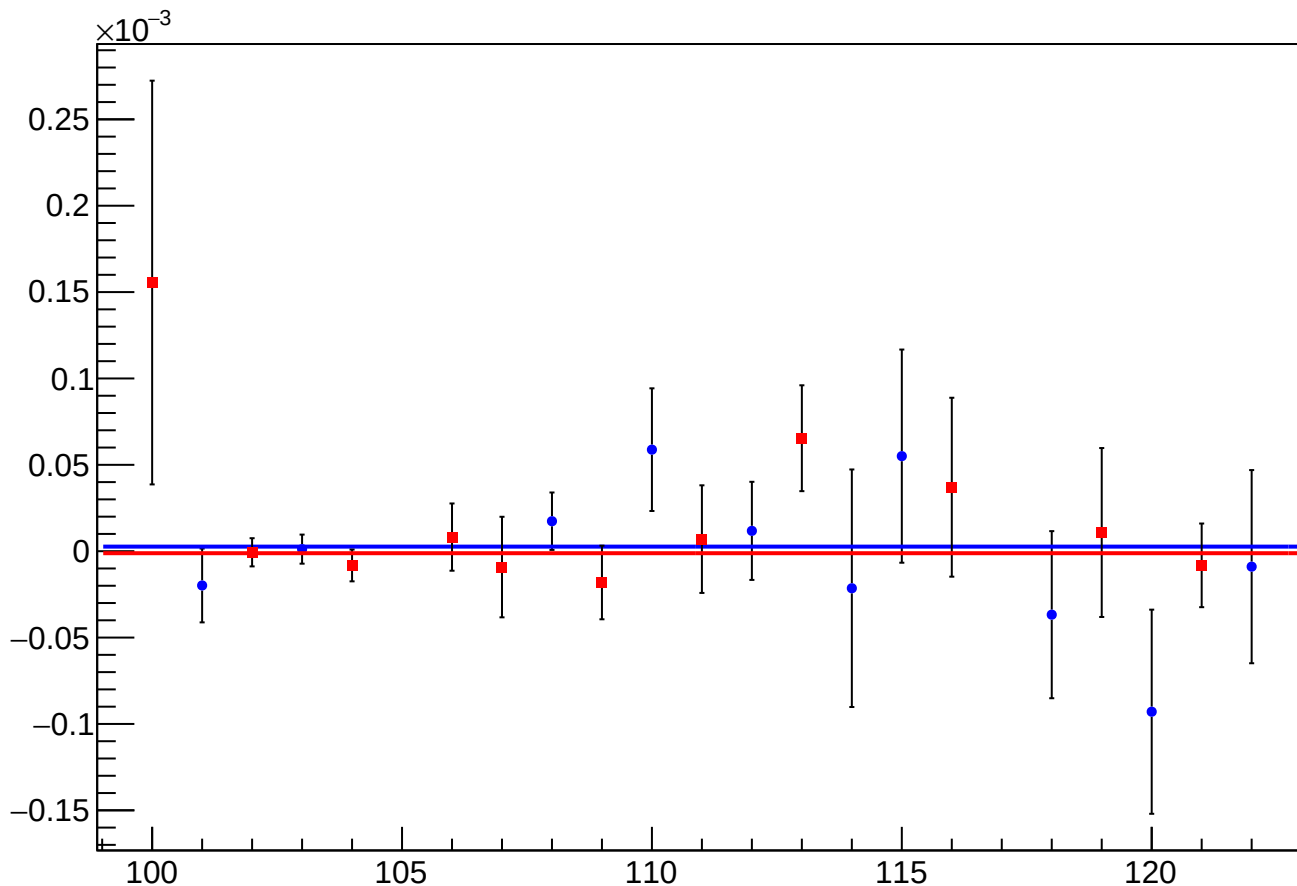
Right: 278.064+/-0.074 χ^2/NDF : 1705160.9/20

In: 290.447+/-0.108 χ^2/NDF : 654084.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.064+/-0.074 χ^2/NDF : 1705160.9/20

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 : 8.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

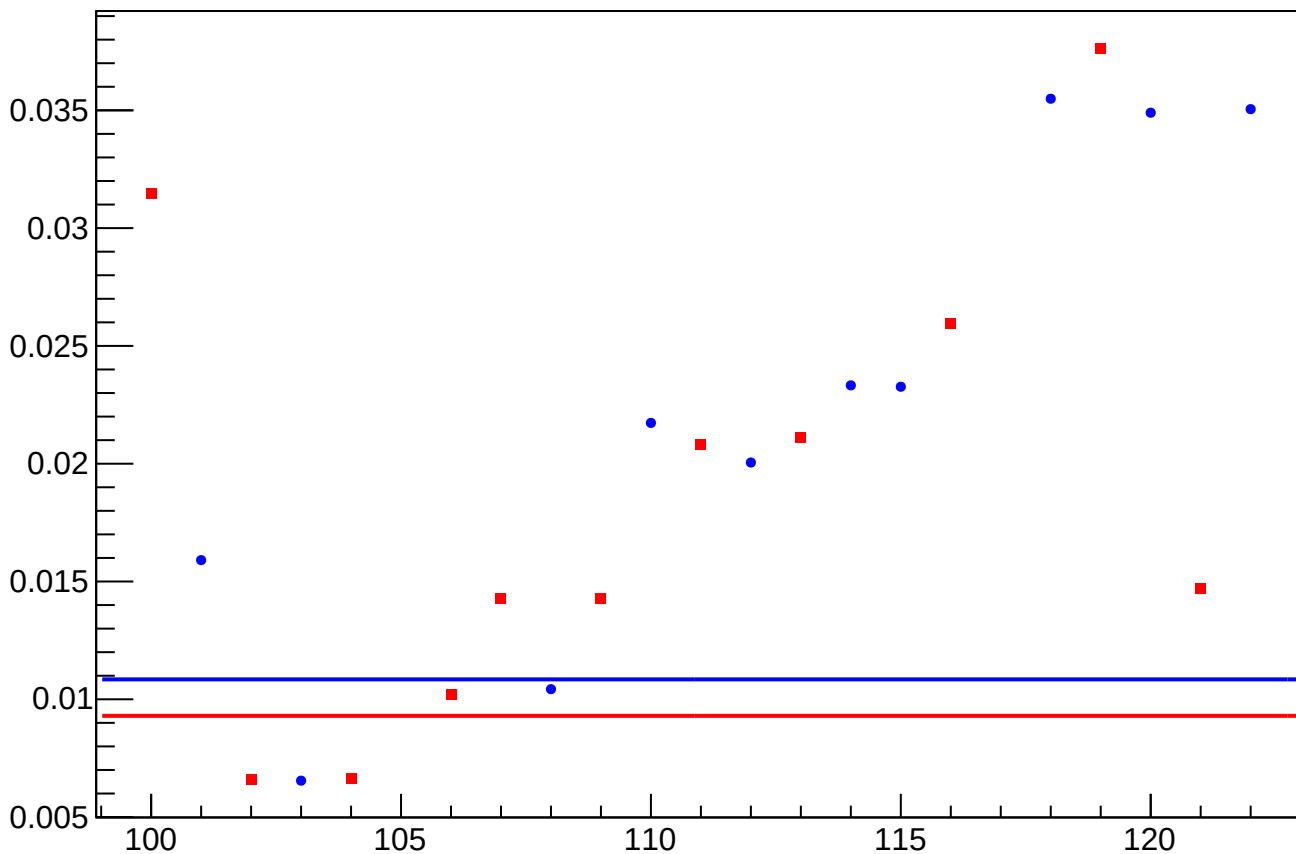
Right: 0.000+/-0.000 χ^2/NDF : 17.7/20

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 : 17.7/20

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 : 2183400.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

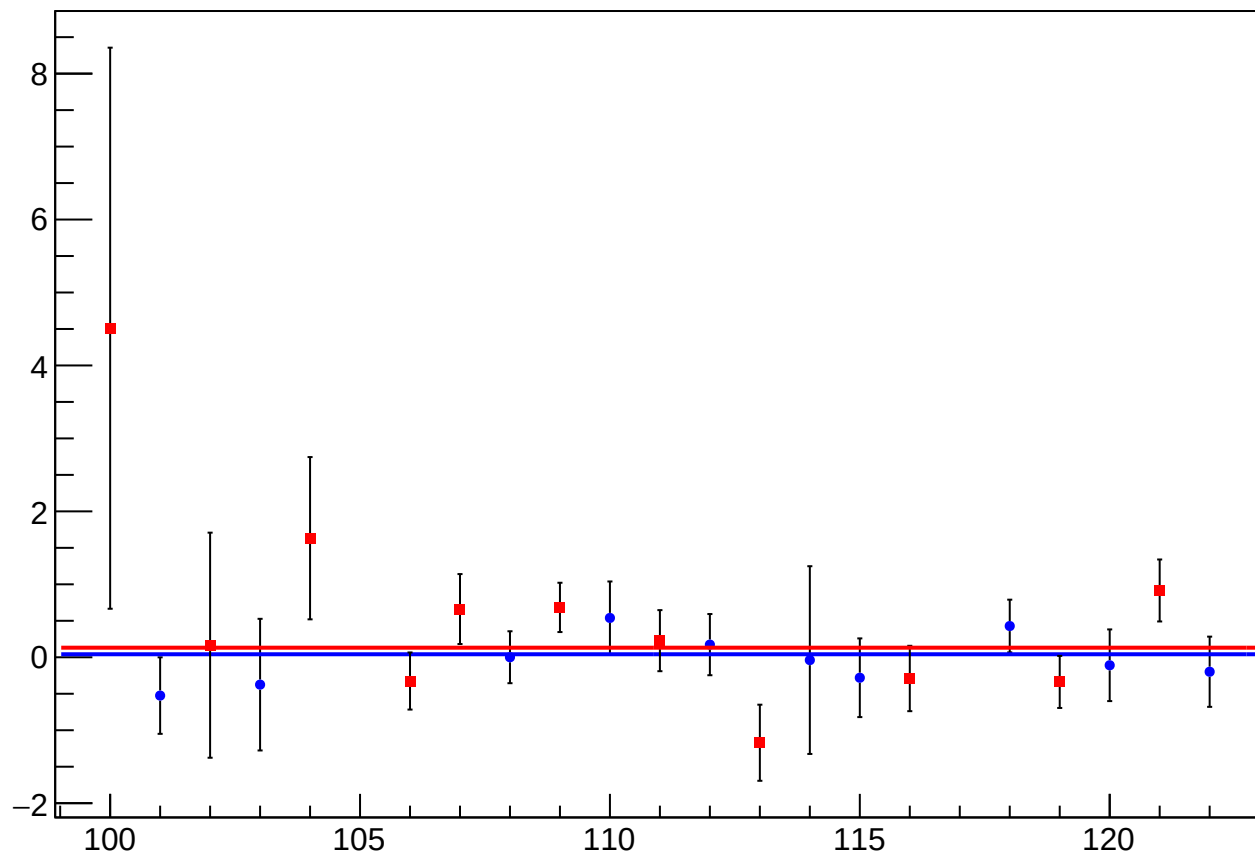
Right: 0.010+/-0.000 χ^2/NDF : 4658673.8/20

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 : 4658673.8/20

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: 0.131+/-0.143 χ^2/NDF : 20.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

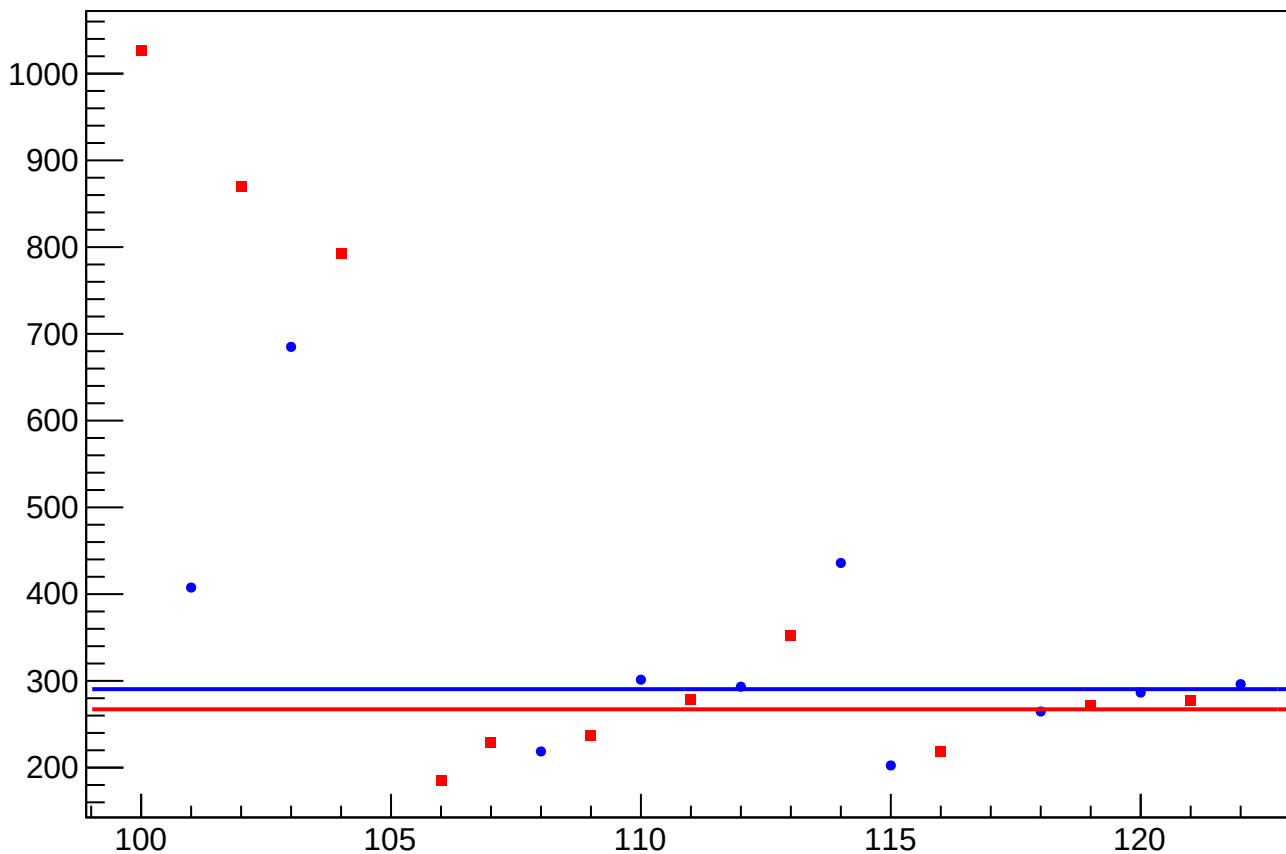
Right: 0.089+/-0.105 χ^2/NDF : 25.2/20

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 : 25.2/20

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: 267.229+/-0.101 χ^2/NDF : 1026556.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

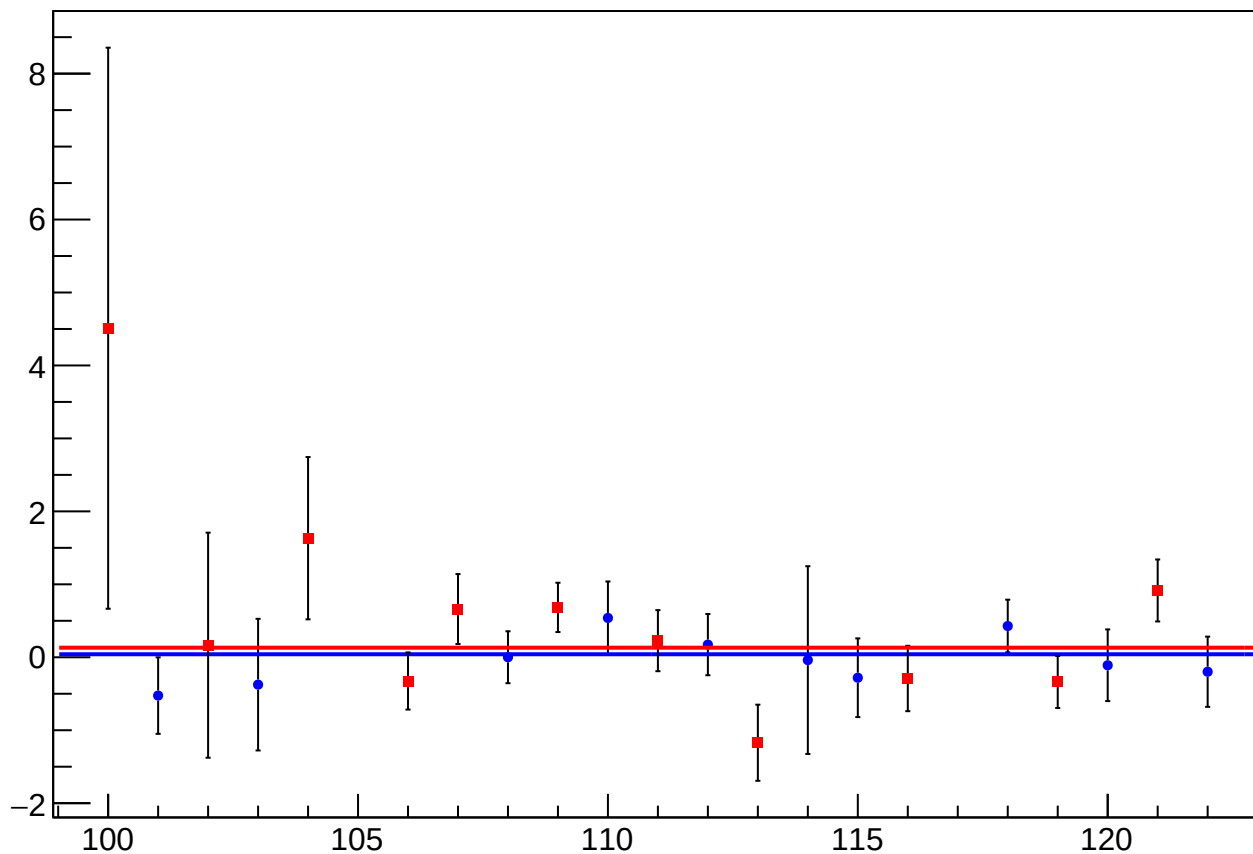
Right: 278.065+/-0.074 χ^2/NDF : 1705128.3/20

In: 290.448+/-0.108 χ^2/NDF : 654066.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.065+/-0.074 χ^2/NDF : 1705128.3/20

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: 0.131+/-0.143 χ^2/NDF : 20.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

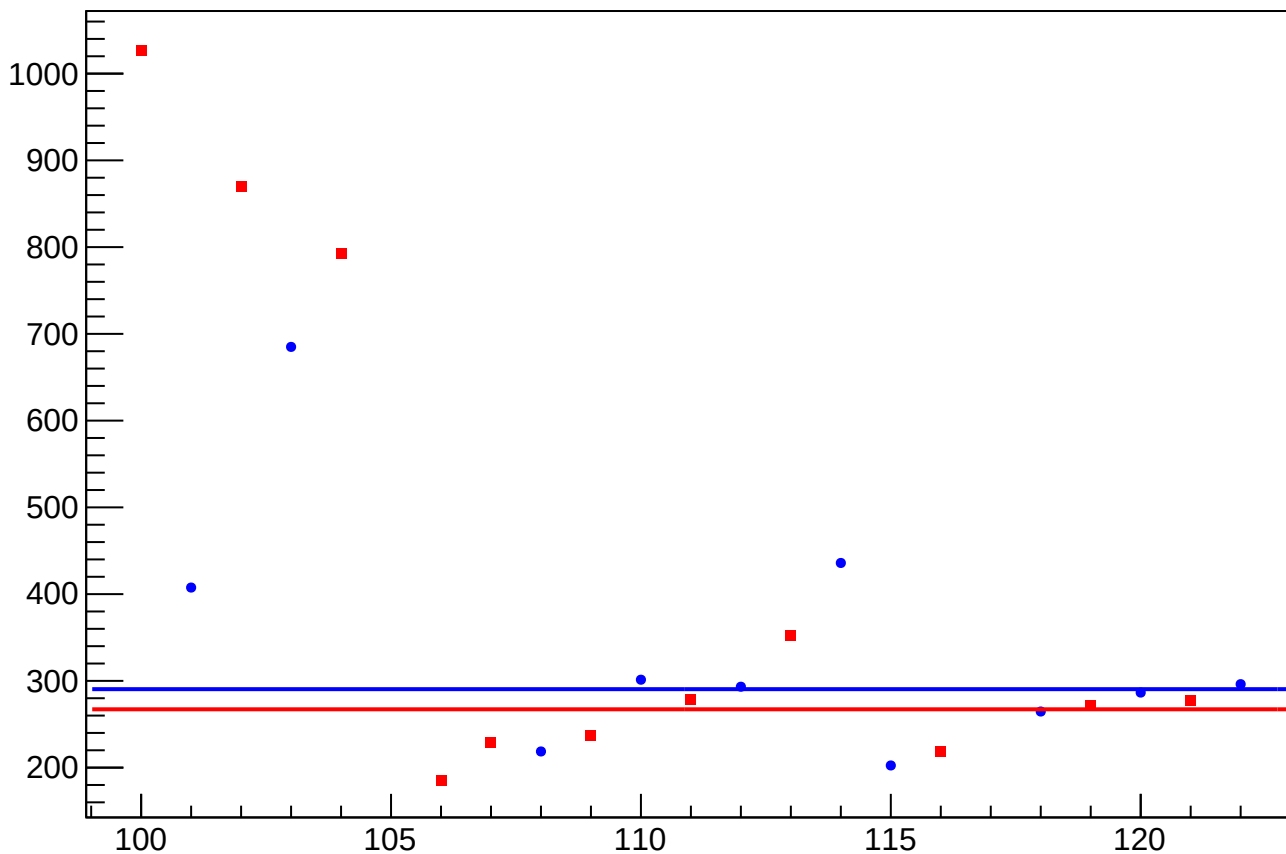
Right: 0.089+/-0.105 χ^2/NDF : 25.2/20

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 : 25.2/20

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: 267.229+/-0.101 χ^2/NDF : 1026556.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

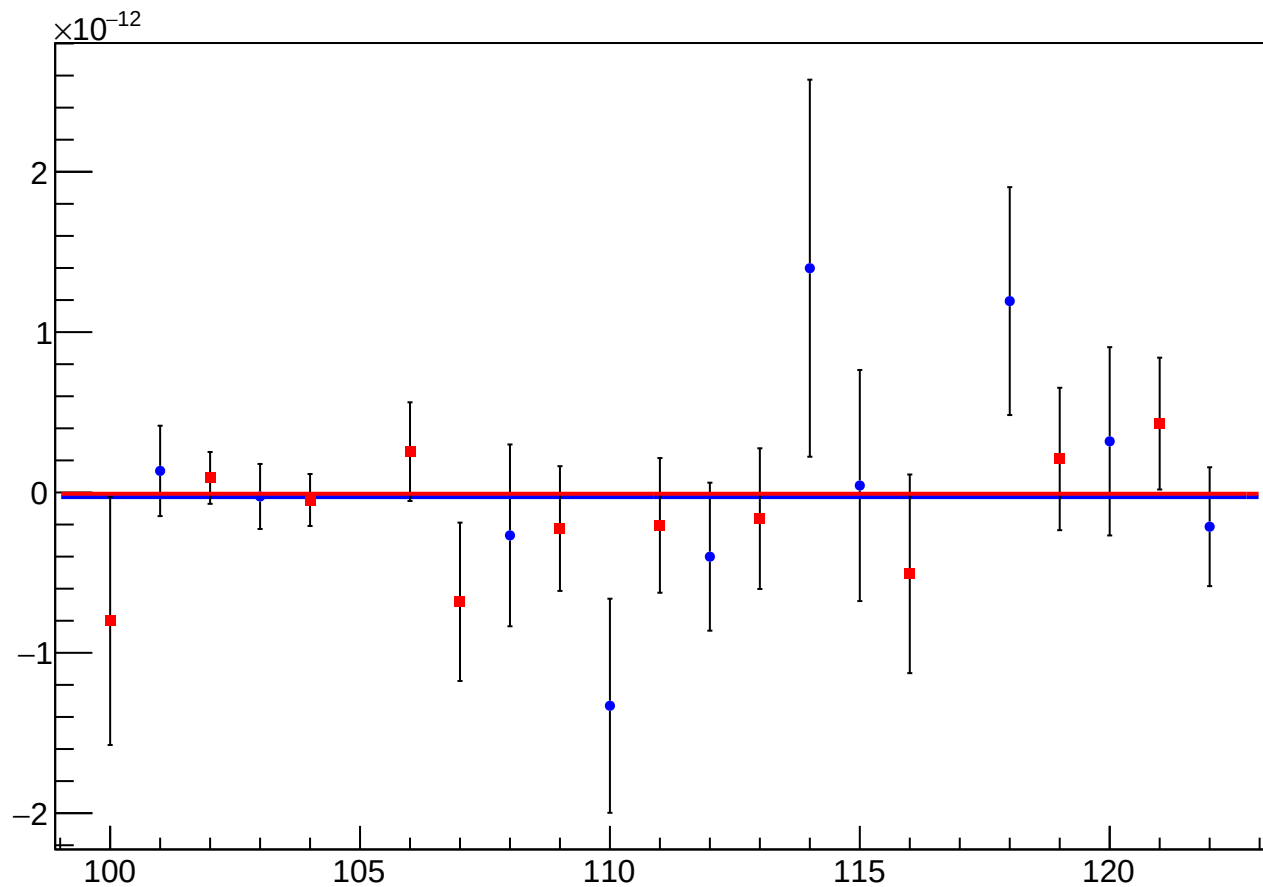
Right: 278.065+/-0.074 χ^2/NDF : 1705128.3/20

In: 290.448+/-0.108 χ^2/NDF : 654066.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.065+/-0.074 χ^2/NDF : 1705128.3/20

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 : 6.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

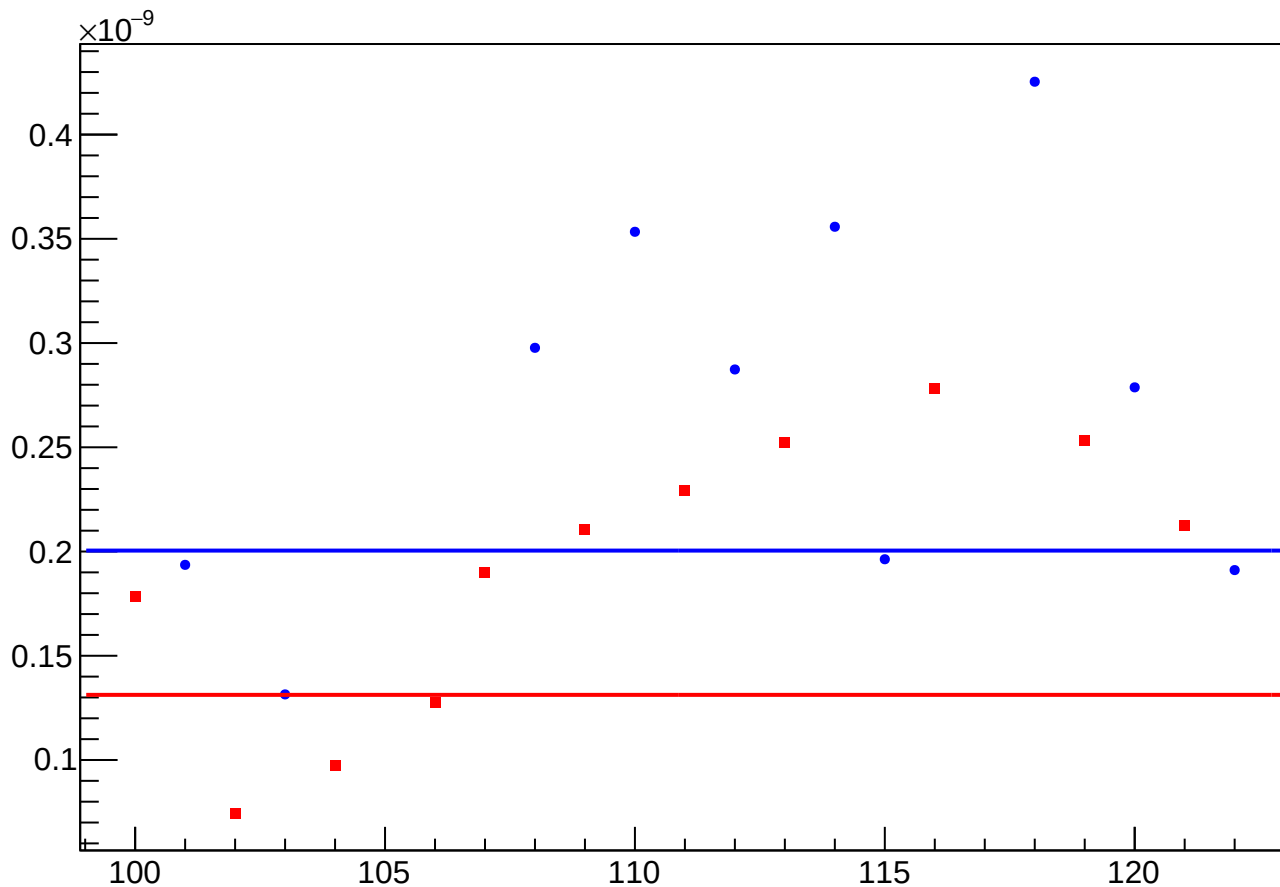
Right: -0.000+/-0.000 χ^2/NDF : 16.8/20

In: -0.000+/-0.000 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.8/20

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 : 1055698.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

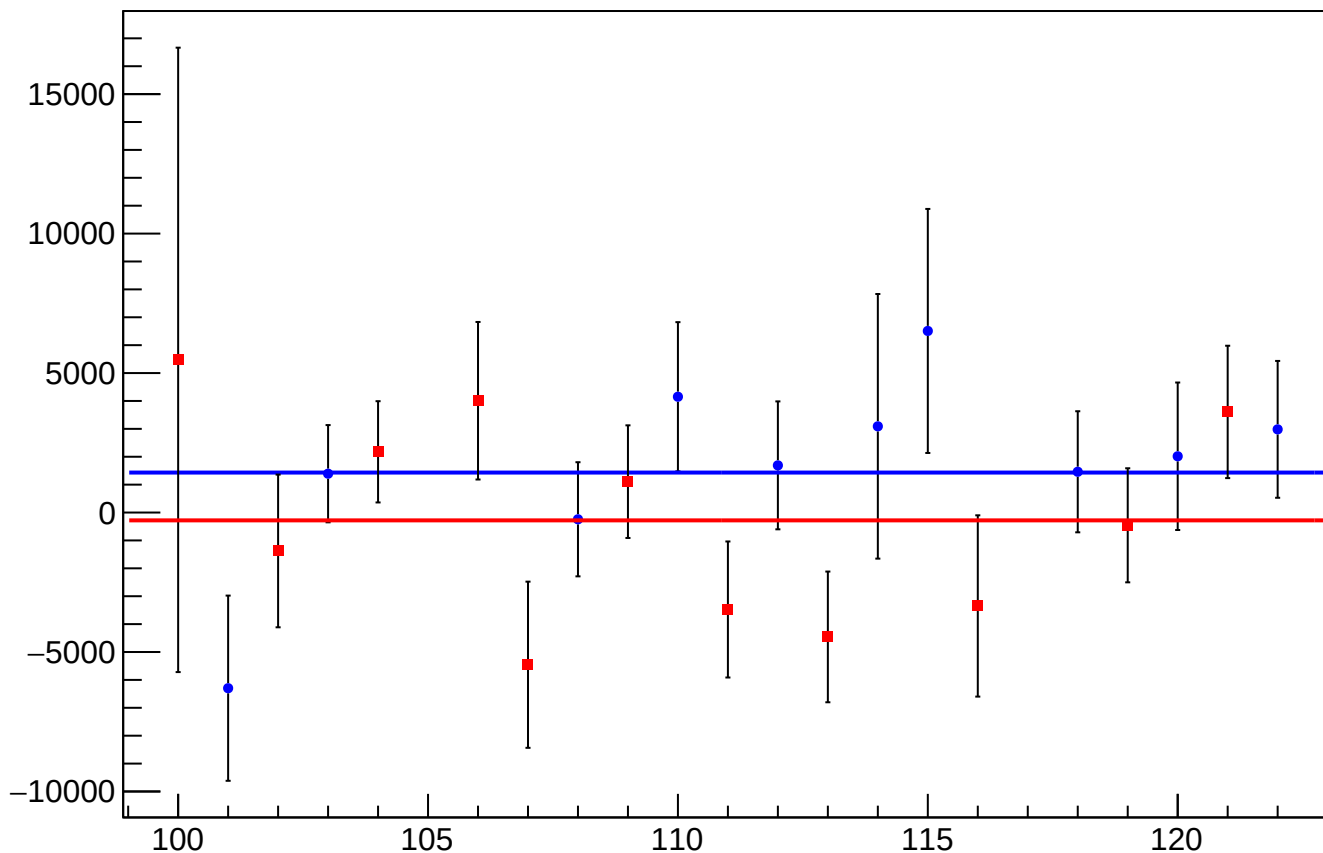
Right: 0.000+/-0.000 χ^2/NDF : 2189660.1/20

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 : 2189660.1/20

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: -280.795+/-747.372 χ^2/NDF : 16.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

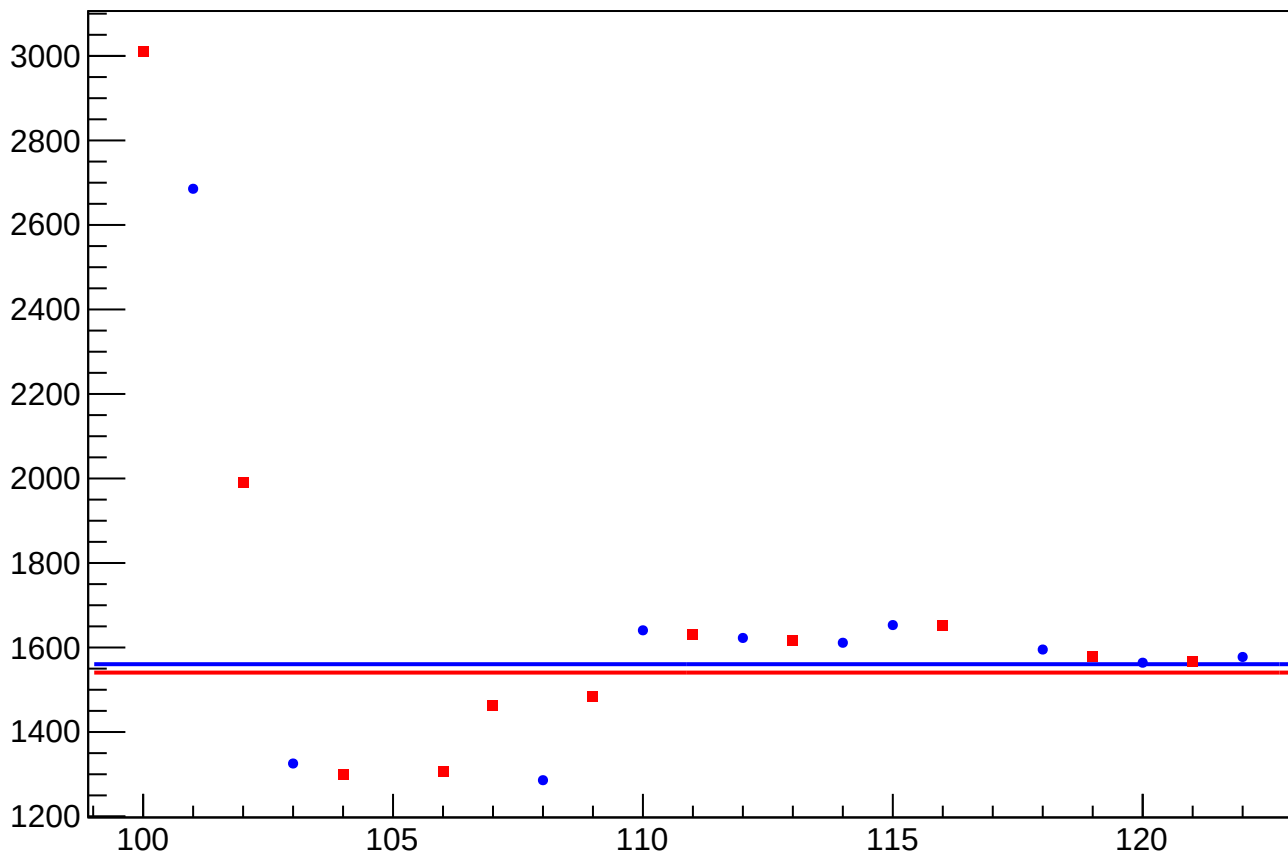
Right: 529.976+/-542.533 χ^2/NDF : 28.1/20

In: 1433.169+/-788.819 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.976+/-542.533 χ^2/NDF : 28.1/20

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: 1540.631+/-0.528 χ^2/NDF : 148136.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

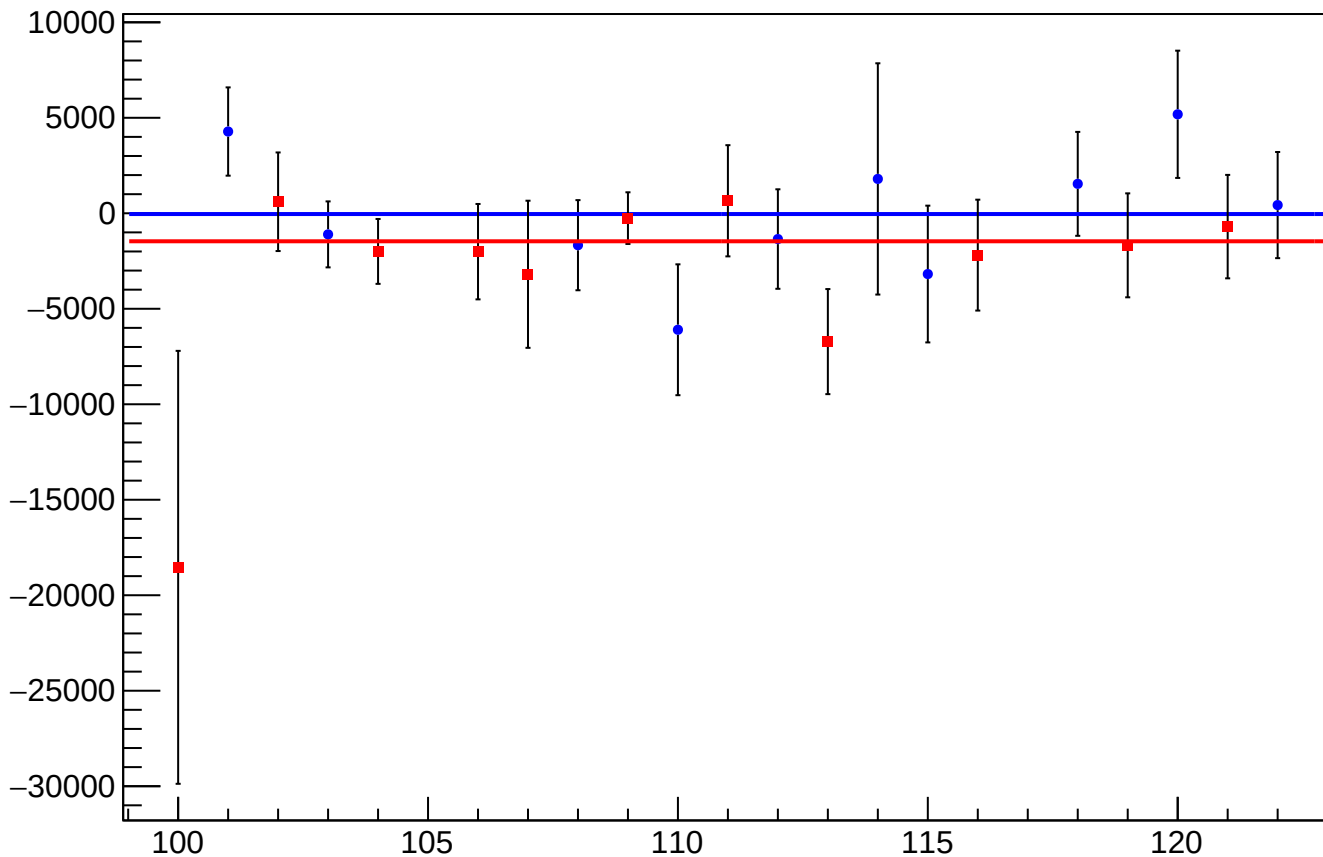
Right: 1550.030+/-0.384 χ^2/NDF : 455901.5/20

In: 1560.500+/-0.558 χ^2/NDF : 307096.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.030+/-0.384 χ^2/NDF : 455901.5/20

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -39.945 ± 846.878 χ^2/NDF : 11.4/9

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

Right Out: -1466.240 ± 721.840 χ^2/NDF : 8.4/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

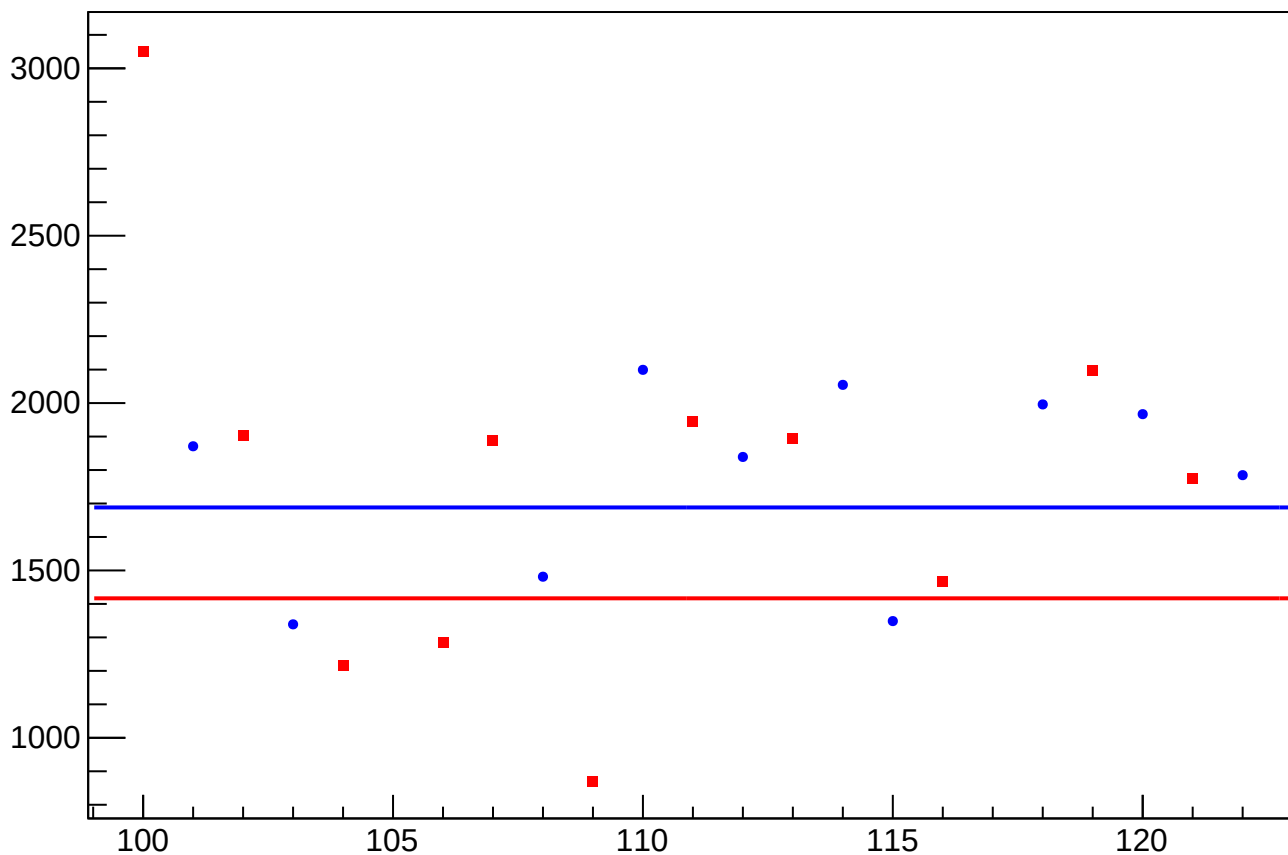
Right: -866.061 ± 549.360 χ^2/NDF : 21.4/20

In: -39.945 ± 846.878 χ^2/NDF : 11.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -866.061 ± 549.360 χ^2/NDF : 21.4/20

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: 1416.711+/-0.510 χ^2/NDF : 790388.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

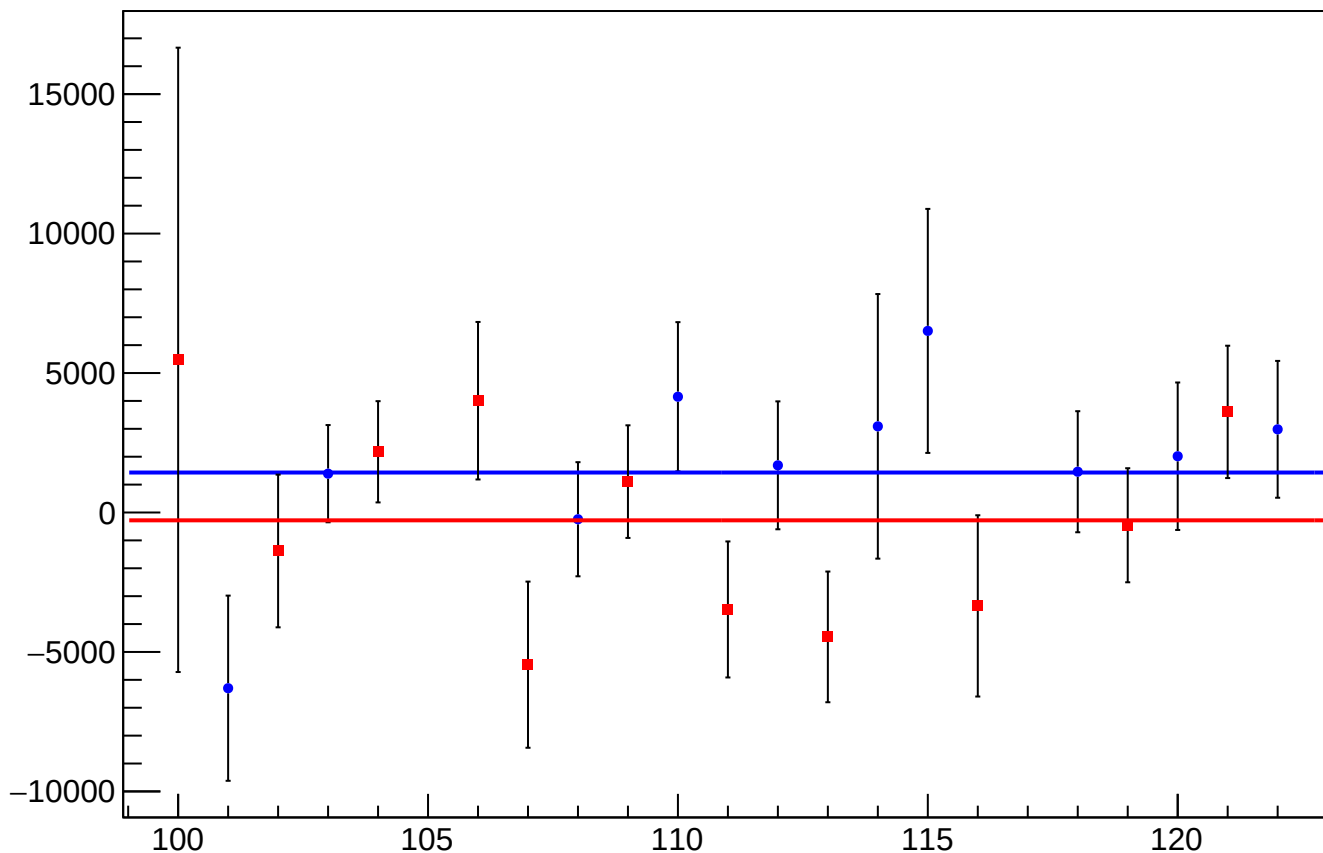
Right: 1530.957+/-0.388 χ^2/NDF : 1121852.1/20

In: 1688.211+/-0.599 χ^2/NDF : 212405.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1530.957+/-0.388 χ^2/NDF : 1121852.1/20

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: -281.154+/-747.372 χ^2/NDF : 16.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

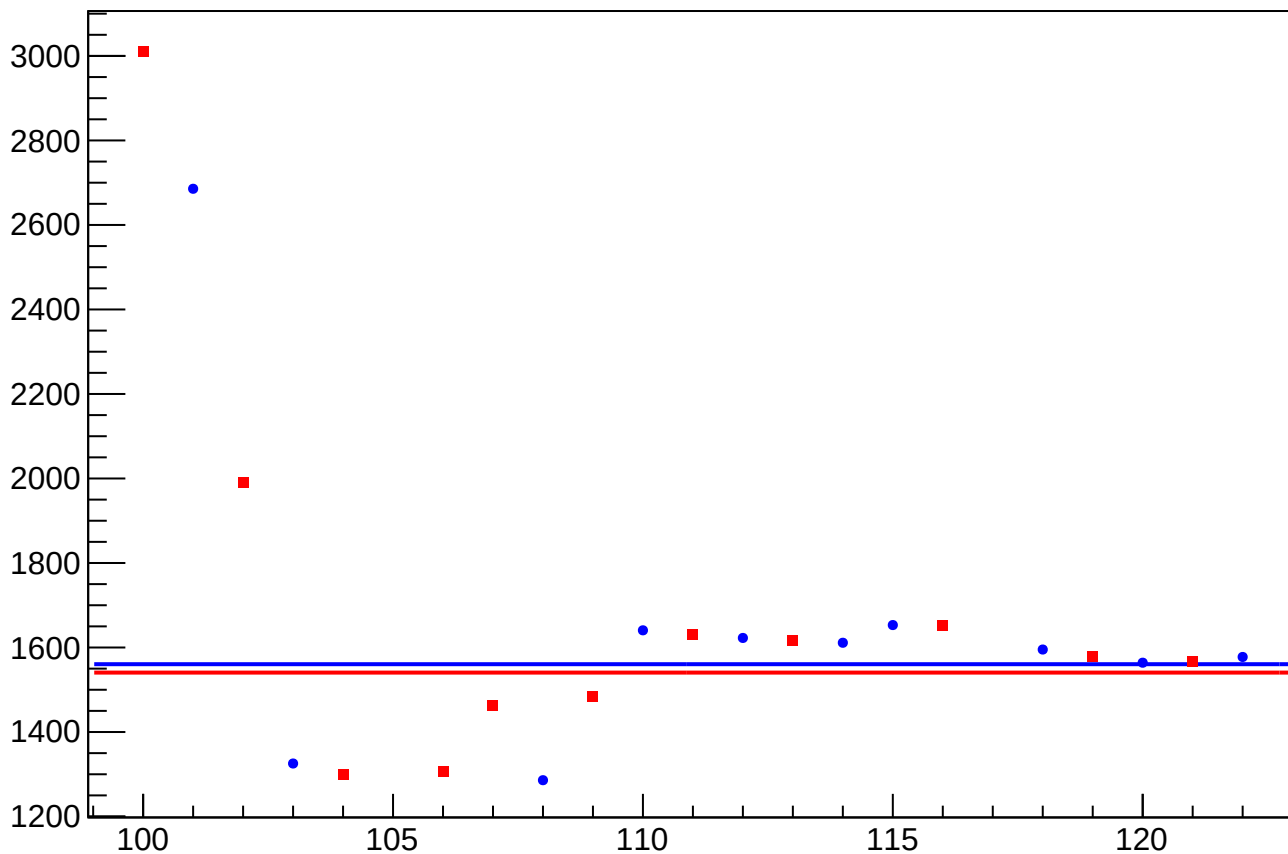
Right: 529.716+/-542.533 χ^2/NDF : 28.1/20

In: 1433.019+/-788.819 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.716+/-542.533 χ^2/NDF : 28.1/20

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: 1540.631+/-0.528 χ^2/NDF : 148136.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

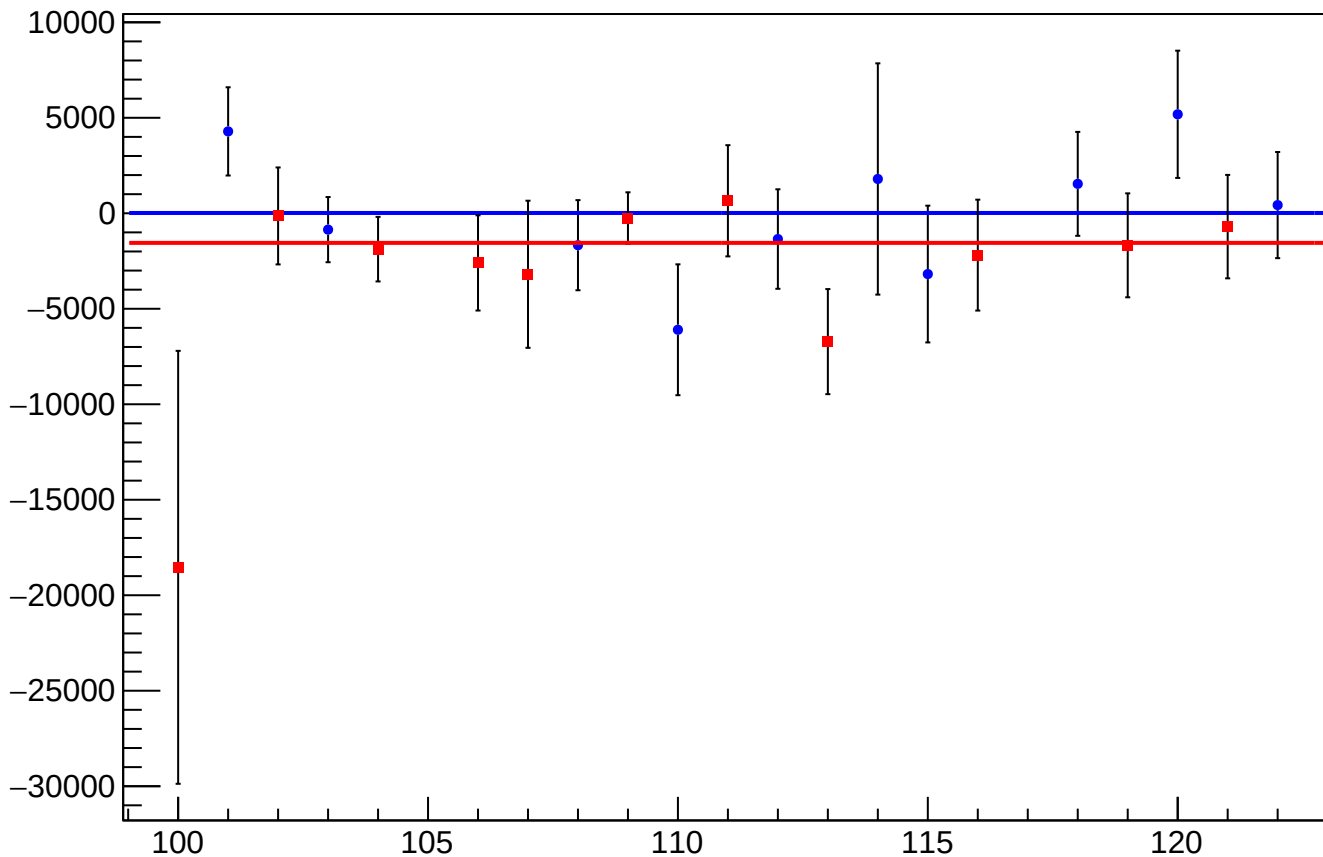
Right: 1550.029+/-0.384 χ^2/NDF : 455901.5/20

In: 1560.499+/-0.558 χ^2/NDF : 307096.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.029+/-0.384 χ^2/NDF : 455901.5/20

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: -1549.670+/-720.168 χ^2/NDF : 8.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

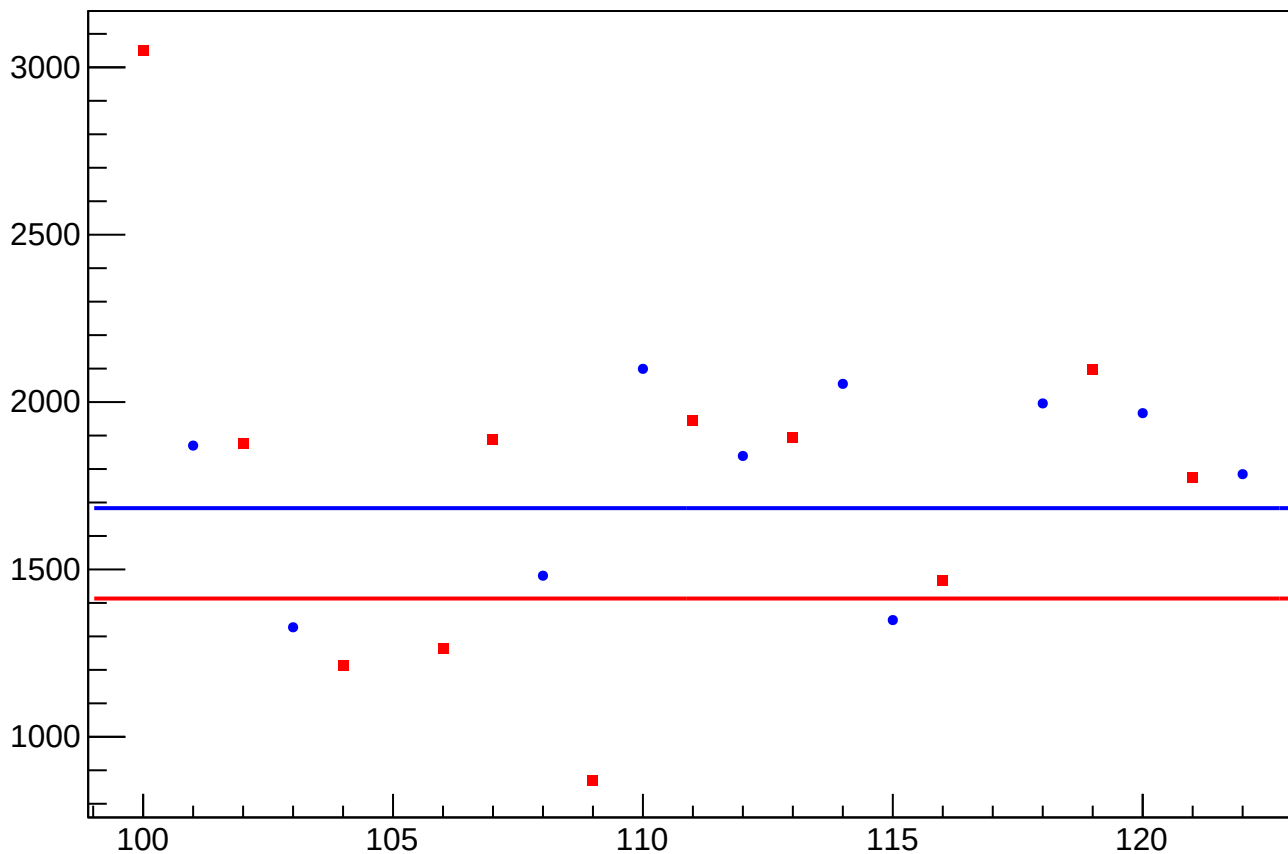
Right: -890.254+/-547.920 χ^2/NDF : 21.4/20

In: 16.086+/-844.305 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -890.254+/-547.920 χ^2/NDF : 21.4/20

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: 1413.128+/-0.509 χ^2/NDF : 787082.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

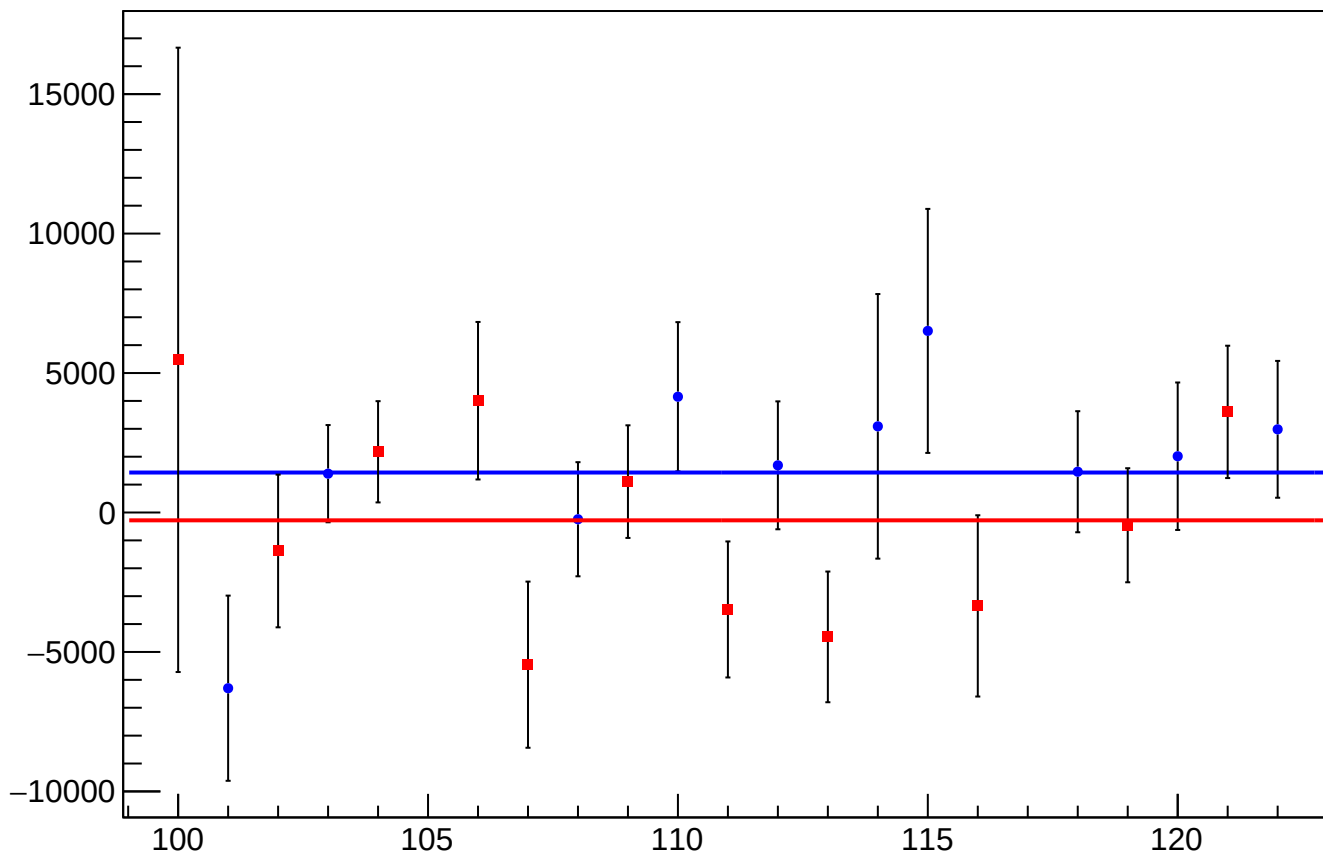
Right: 1526.847+/-0.387 χ^2/NDF : 1125482.2/20

In: 1683.148+/-0.597 χ^2/NDF : 219988.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.847+/-0.387 χ^2/NDF : 1125482.2/20

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: -281.154+/-747.372 χ^2/NDF : 16.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

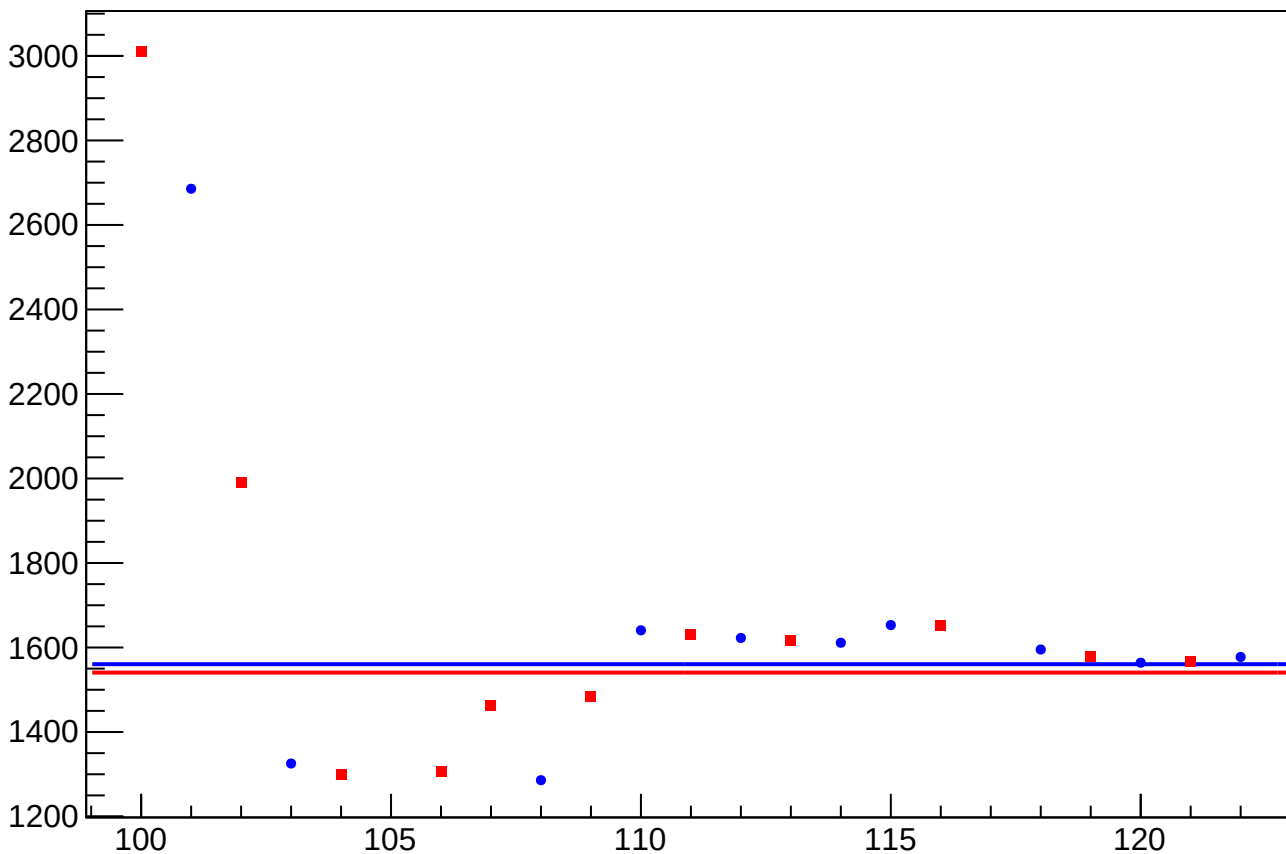
Right: 529.716+/-542.533 χ^2/NDF : 28.1/20

In: 1433.019+/-788.819 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 529.716+/-542.533 χ^2/NDF : 28.1/20

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: 1540.631+/-0.528 χ^2/NDF : 148136.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

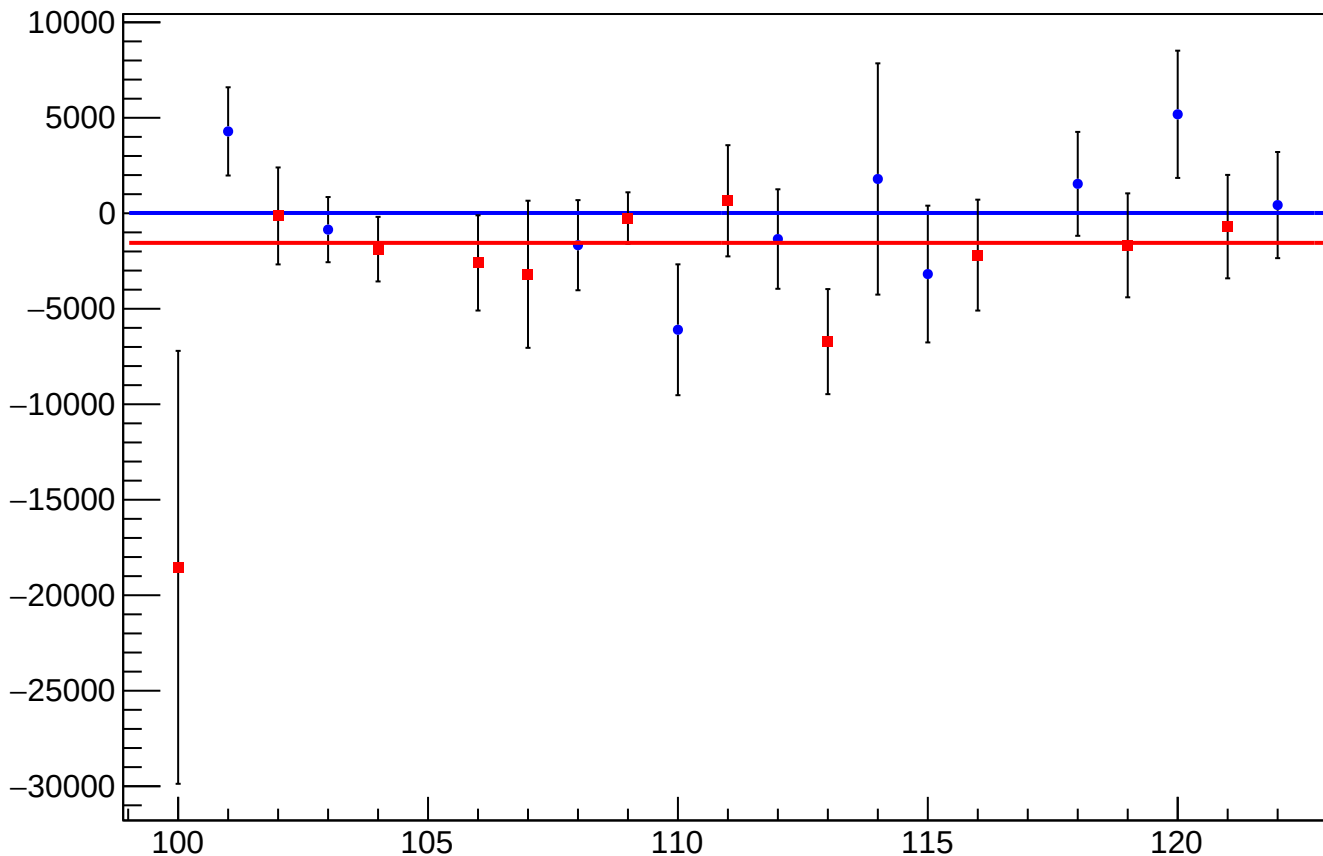
Right: 1550.029+/-0.384 χ^2/NDF : 455901.5/20

In: 1560.499+/-0.558 χ^2/NDF : 307096.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.029+/-0.384 χ^2/NDF : 455901.5/20

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: -1549.670+/-720.168 χ^2/NDF : 8.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

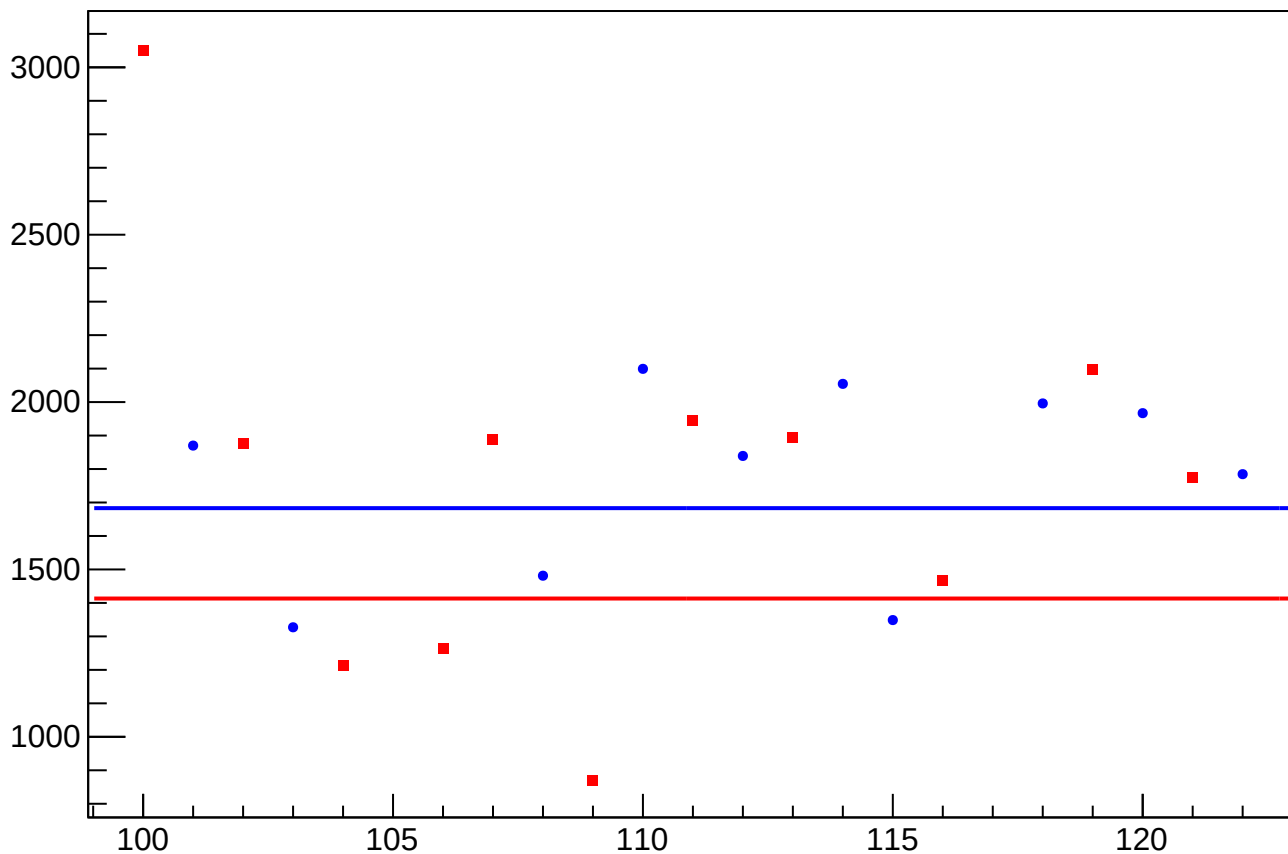
Right: -890.254+/-547.920 χ^2/NDF : 21.4/20

In: 16.086+/-844.305 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -890.254+/-547.920 χ^2/NDF : 21.4/20

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: 1413.128+/-0.509 χ^2/NDF : 787082.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

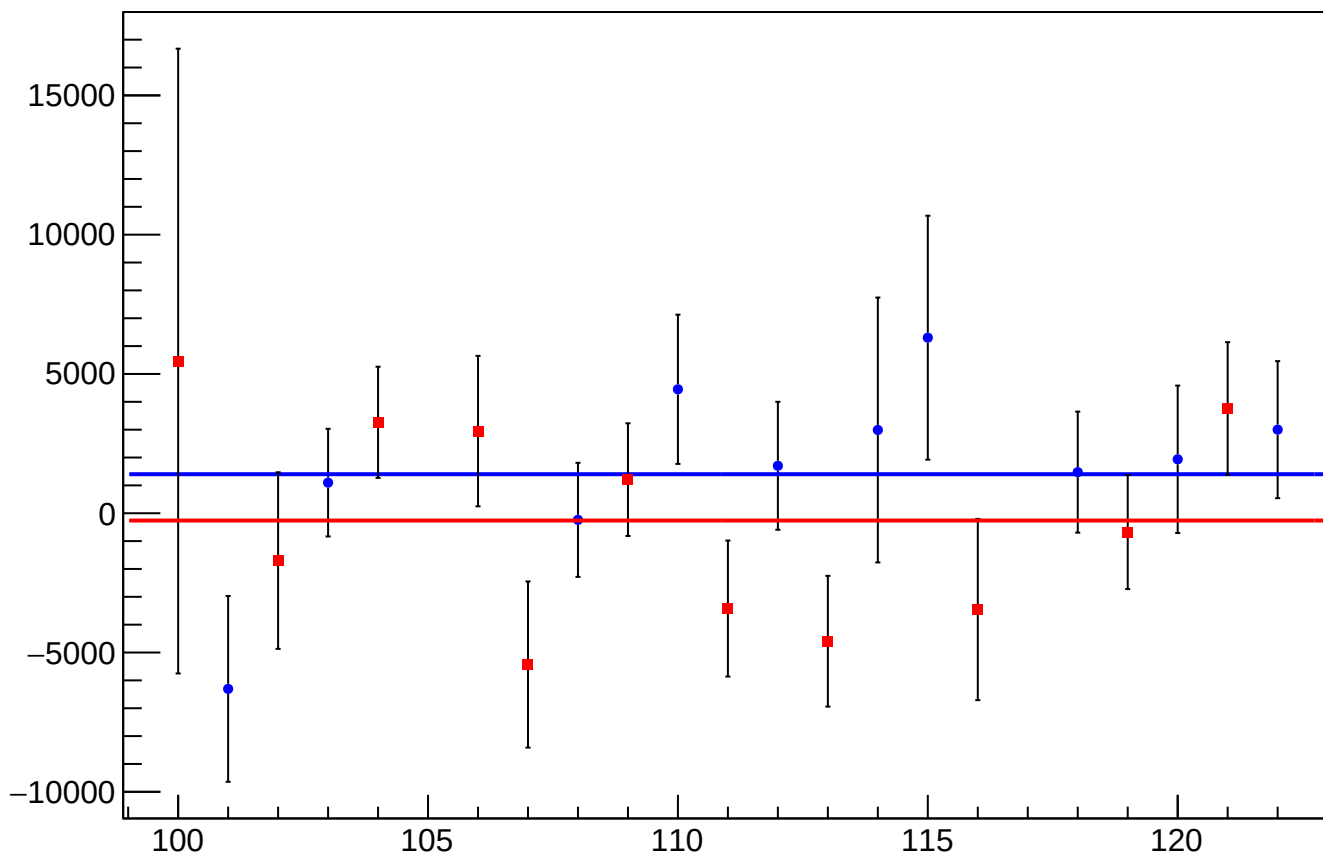
Right: 1526.847+/-0.387 χ^2/NDF : 1125482.2/20

In: 1683.148+/-0.597 χ^2/NDF : 219988.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.847+/-0.387 χ^2/NDF : 1125482.2/20

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: -261.210+/-764.313 χ^2/NDF : 17.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

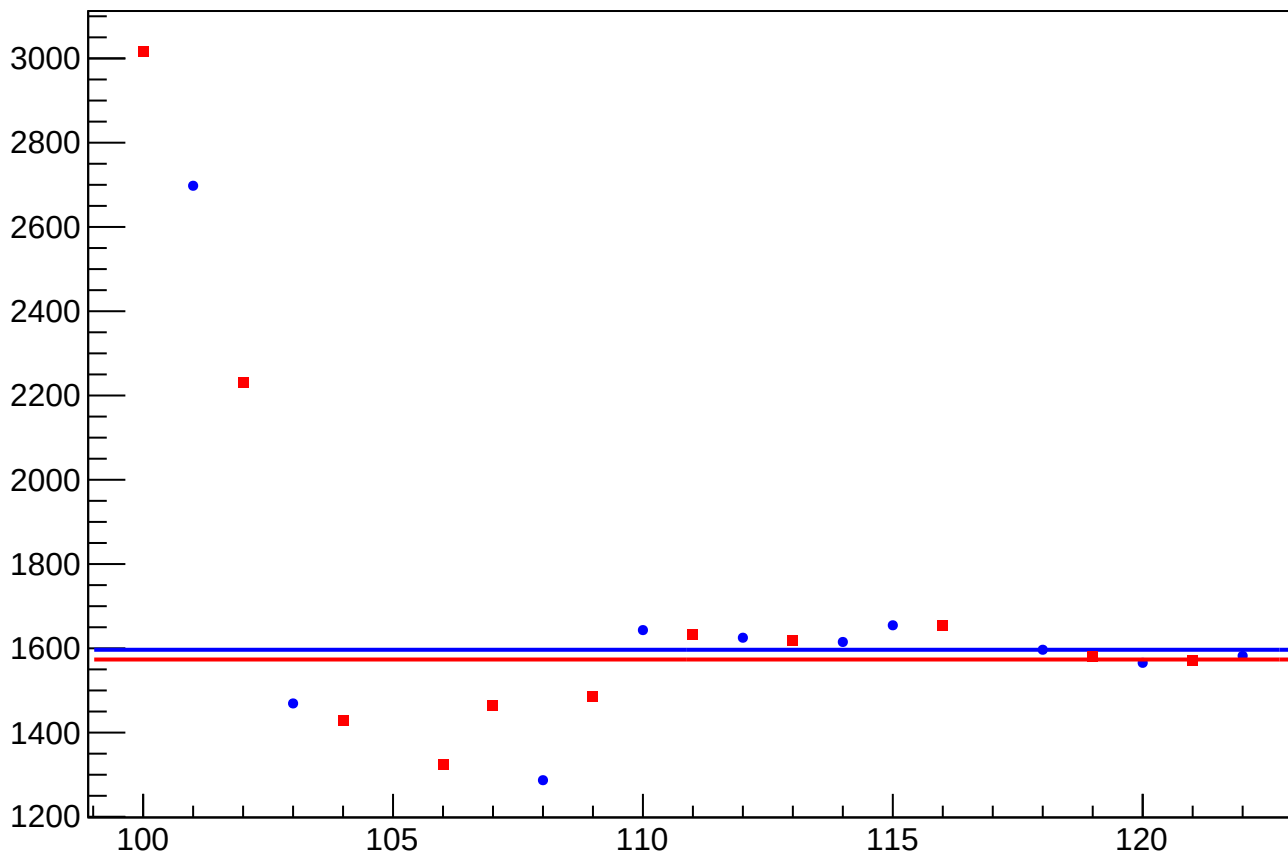
Right: 526.600+/-554.387 χ^2/NDF : 28.9/20

In: 1401.252+/-805.338 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.600+/-554.387 χ^2/NDF : 28.9/20

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1596.568+/-0.569 χ^2/NDF : 274054.3/9

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

Right Out: 1573.439+/-0.540 χ^2/NDF : 155770.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

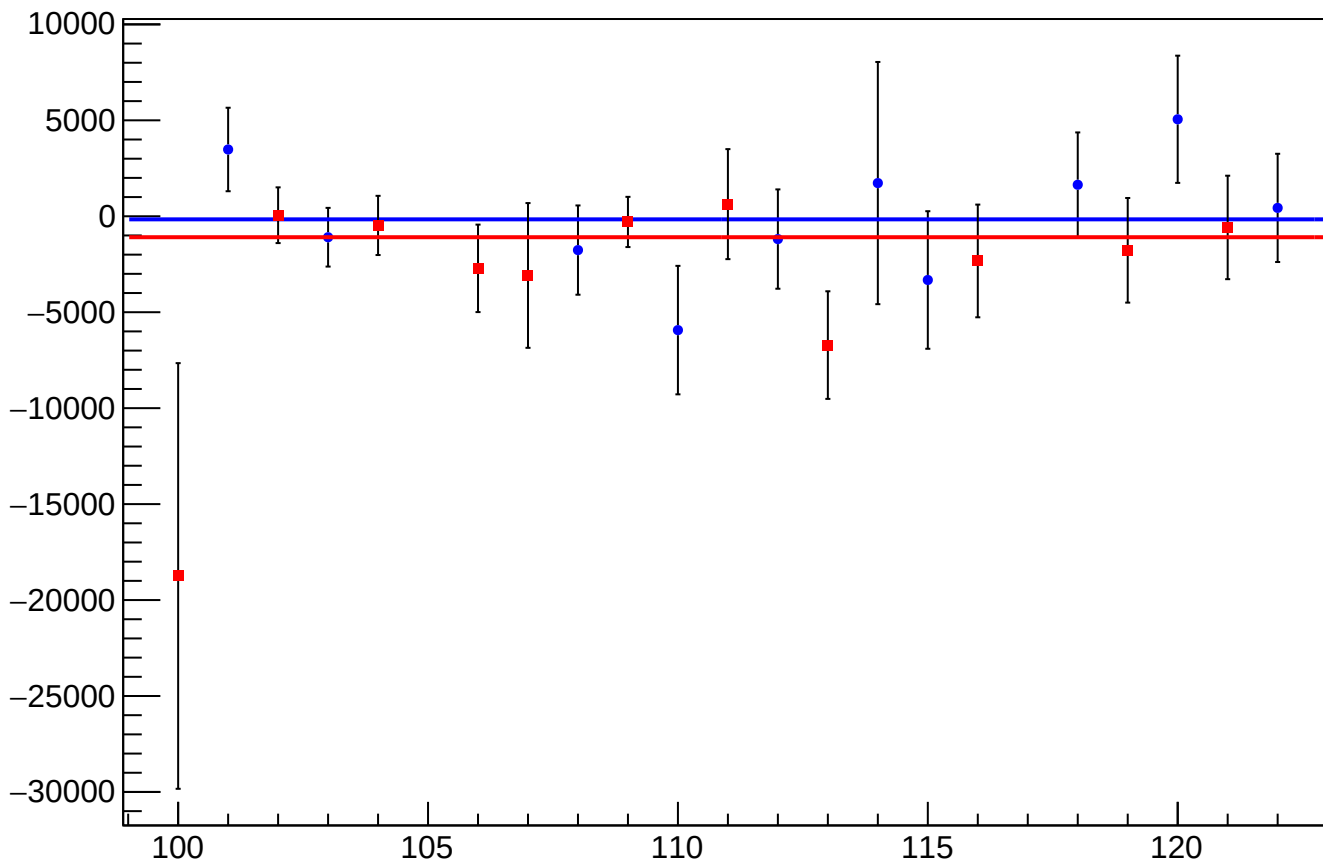
Right: 1584.400+/-0.392 χ^2/NDF : 430692.6/20

In: 1596.568+/-0.569 χ^2/NDF : 274054.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.400+/-0.392 χ^2/NDF : 430692.6/20

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: -1091.606+/-647.329 χ^2/NDF : 9.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

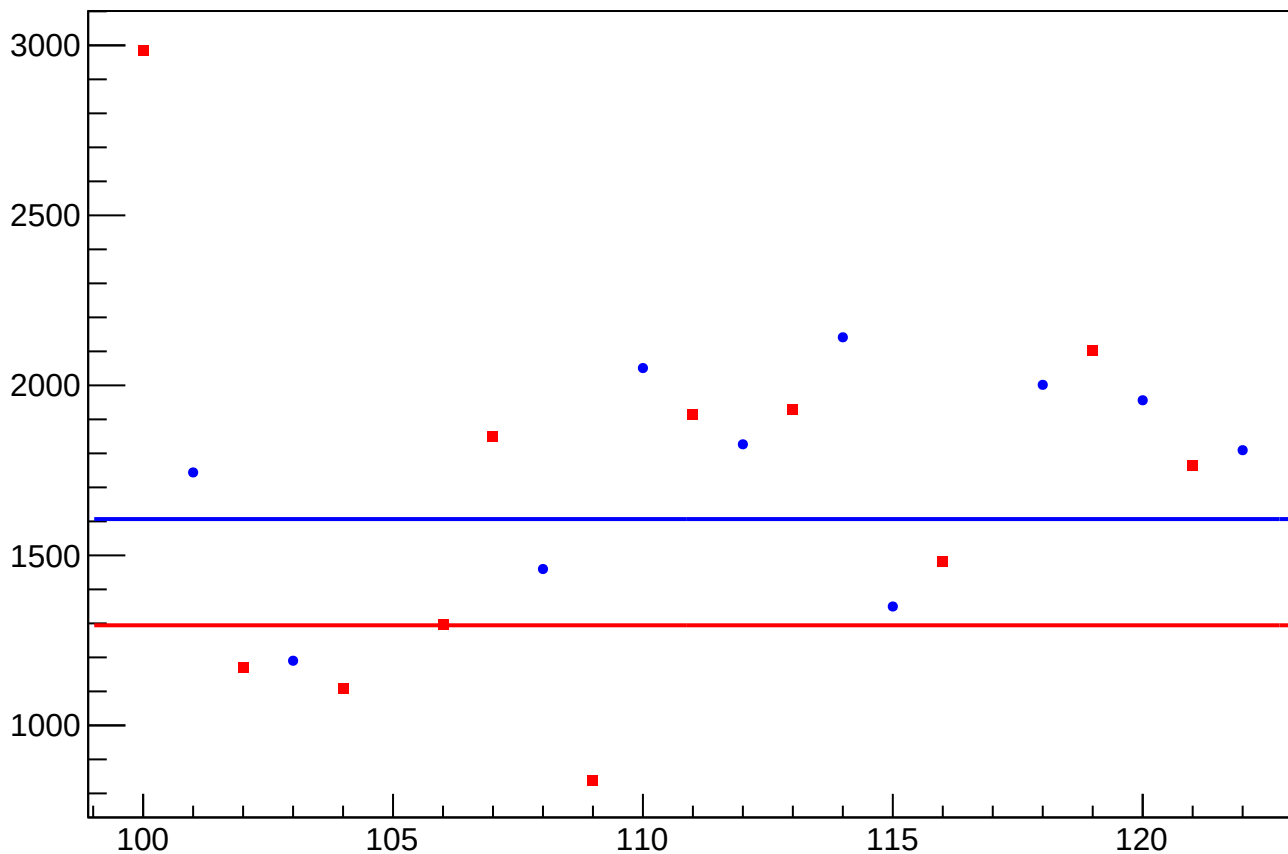
Right: -729.961+/-506.213 χ^2/NDF : 20.5/20

In: -160.662+/-812.184 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -729.961+/-506.213 χ^2/NDF : 20.5/20

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: 1294.410 ± 0.458 χ^2/NDF : 817835.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

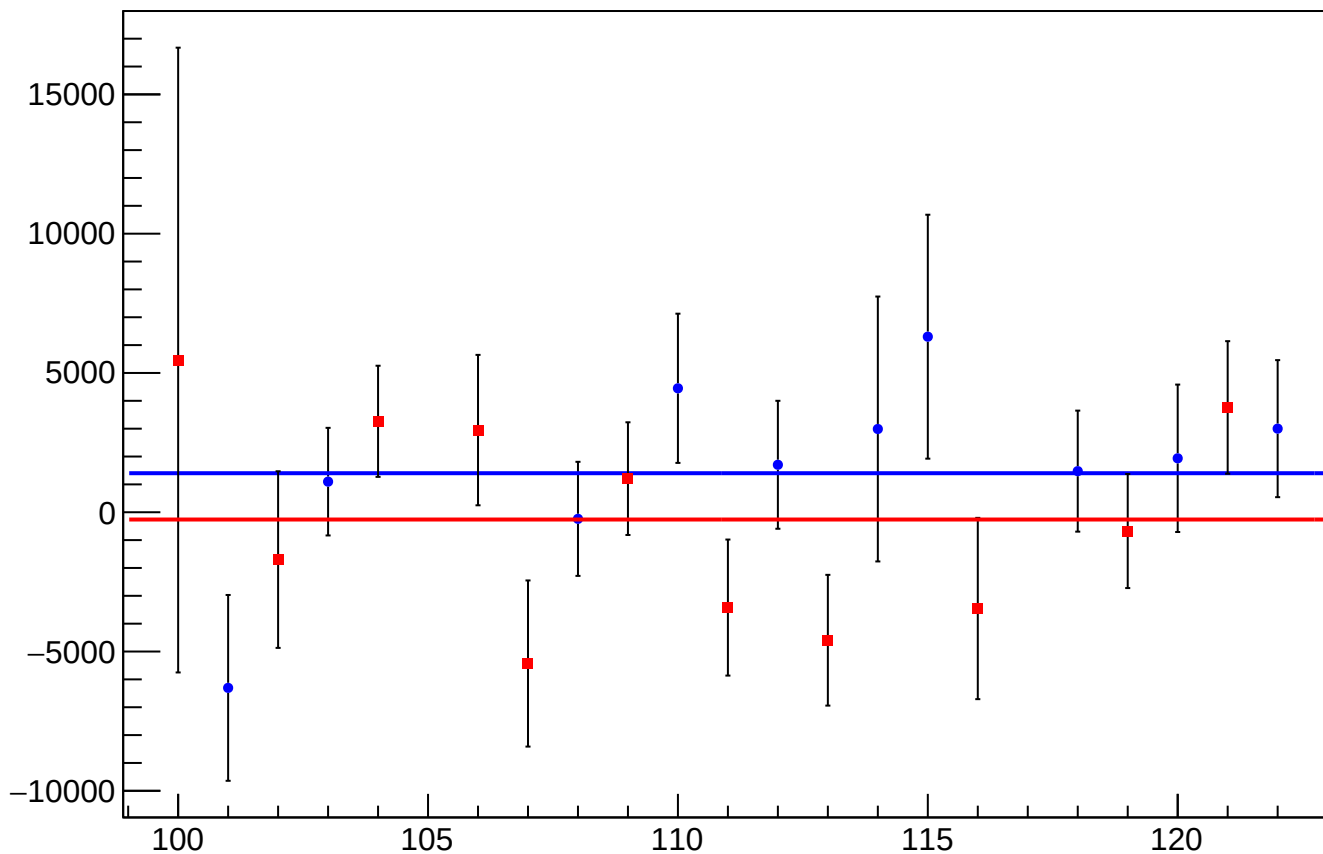
Right: 1415.759 ± 0.358 χ^2/NDF : 1311749.8/20

In: 1606.787 ± 0.574 χ^2/NDF : 312990.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1415.759 ± 0.358 χ^2/NDF : 1311749.8/20

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: -261.211+/-764.313 χ^2/NDF : 17.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

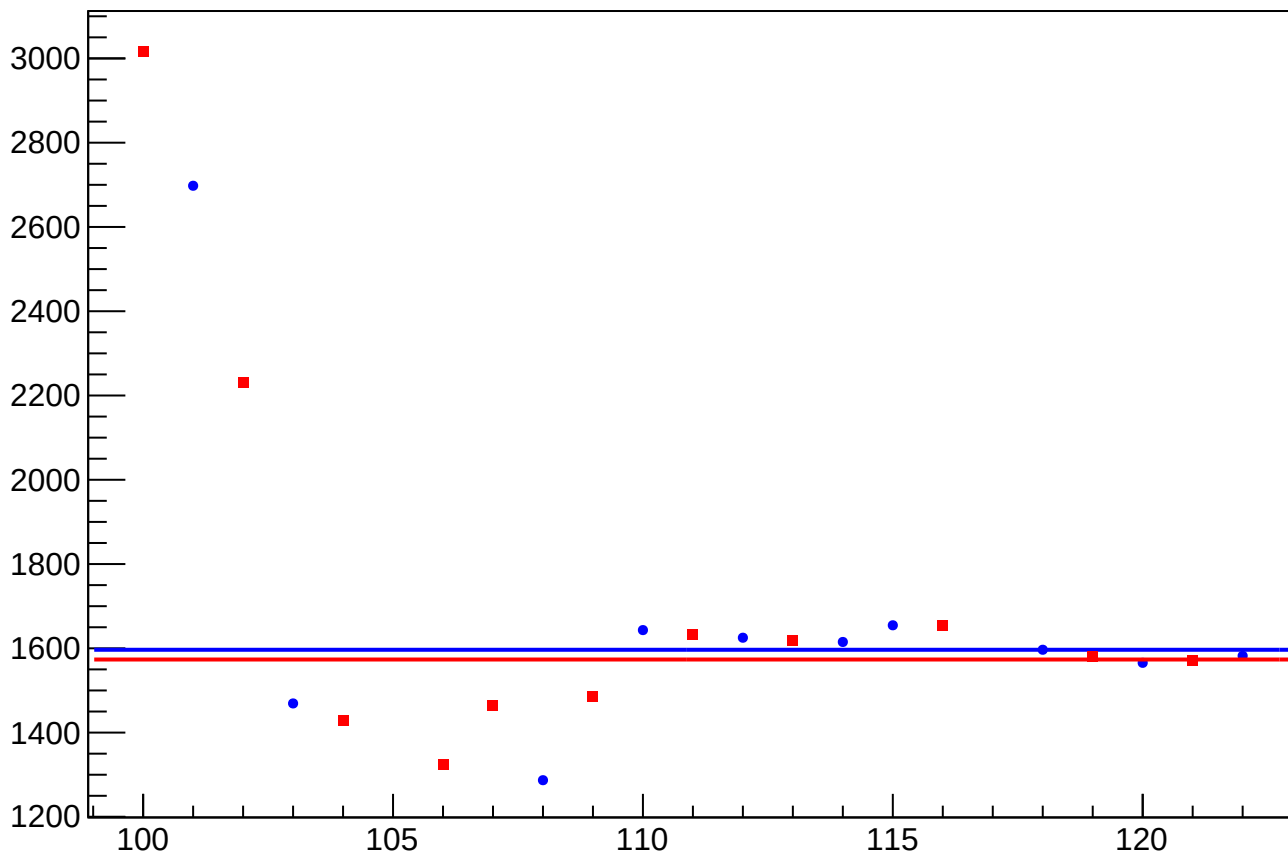
Right: 526.597+/-554.387 χ^2/NDF : 28.9/20

In: 1401.246+/-805.338 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.597+/-554.387 χ^2/NDF : 28.9/20

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1596.568+/-0.569 χ^2/NDF : 274054.1/9

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

Right Out: 1573.439+/-0.540 χ^2/NDF : 155770.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

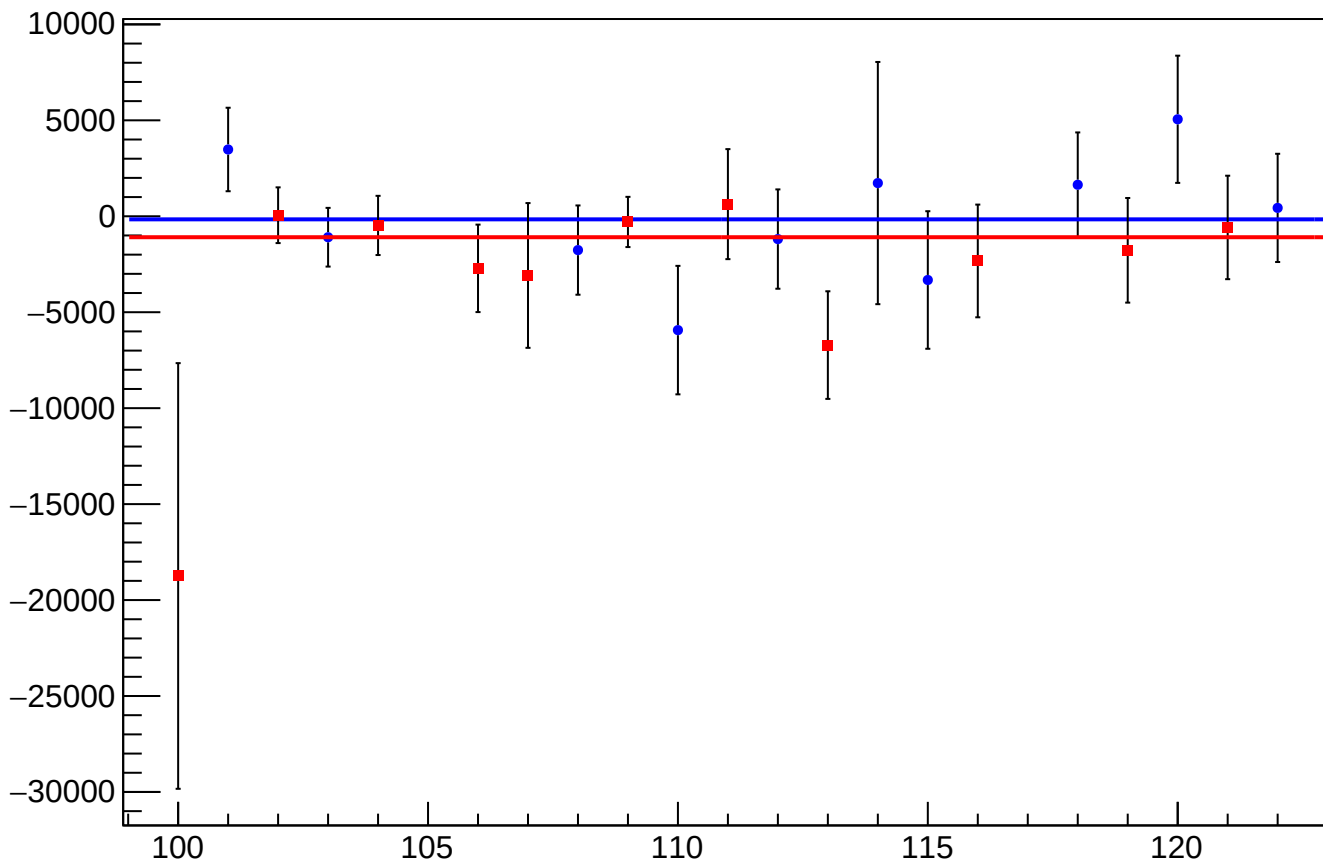
Right: 1584.399+/-0.392 χ^2/NDF : 430692.4/20

In: 1596.568+/-0.569 χ^2/NDF : 274054.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.399+/-0.392 χ^2/NDF : 430692.4/20

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: -1091.609 ± 647.330 χ^2/NDF : 9.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

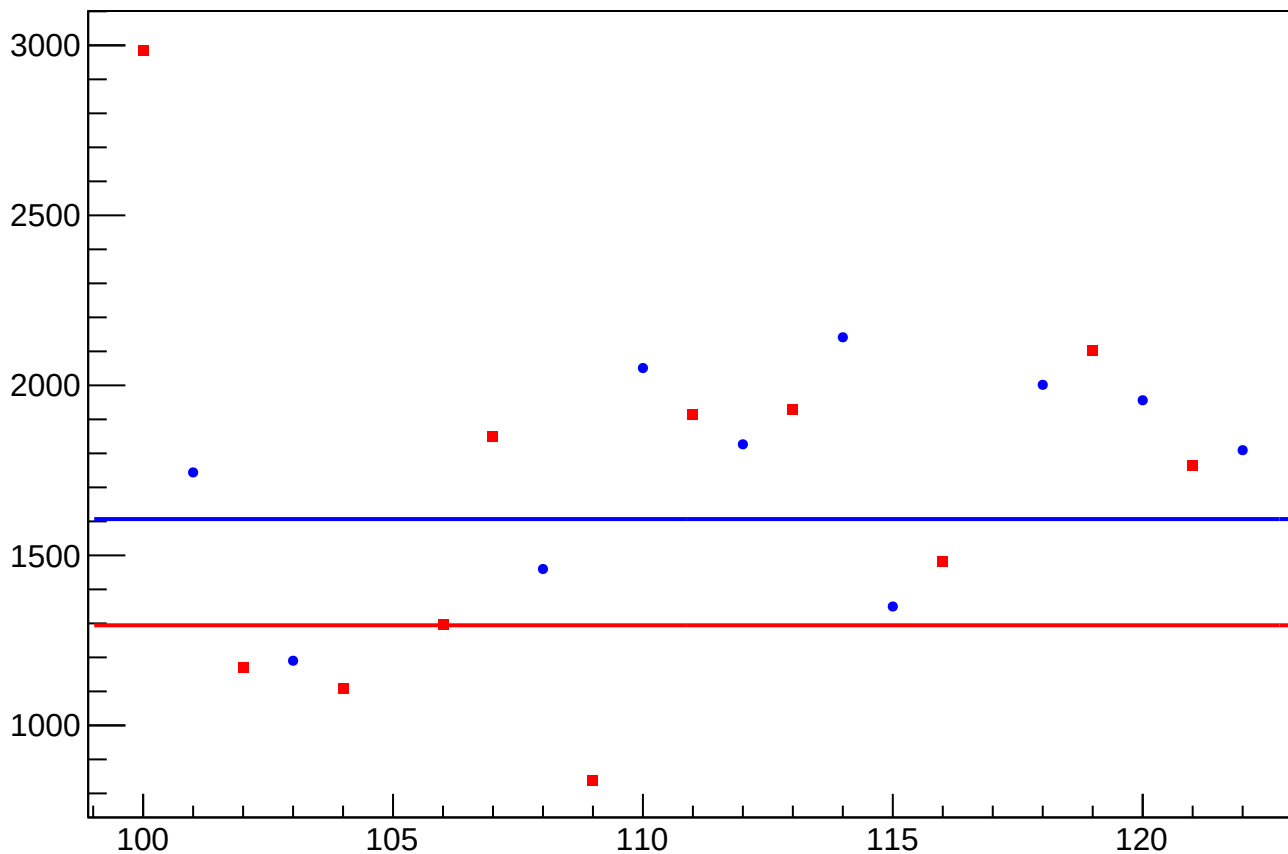
Right: -729.961 ± 506.214 χ^2/NDF : 20.5/20

In: -160.661 ± 812.182 χ^2/NDF : 10.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -729.961 ± 506.214 χ^2/NDF : 20.5/20

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: 1294.416 ± 0.458 χ^2/NDF : 817814.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

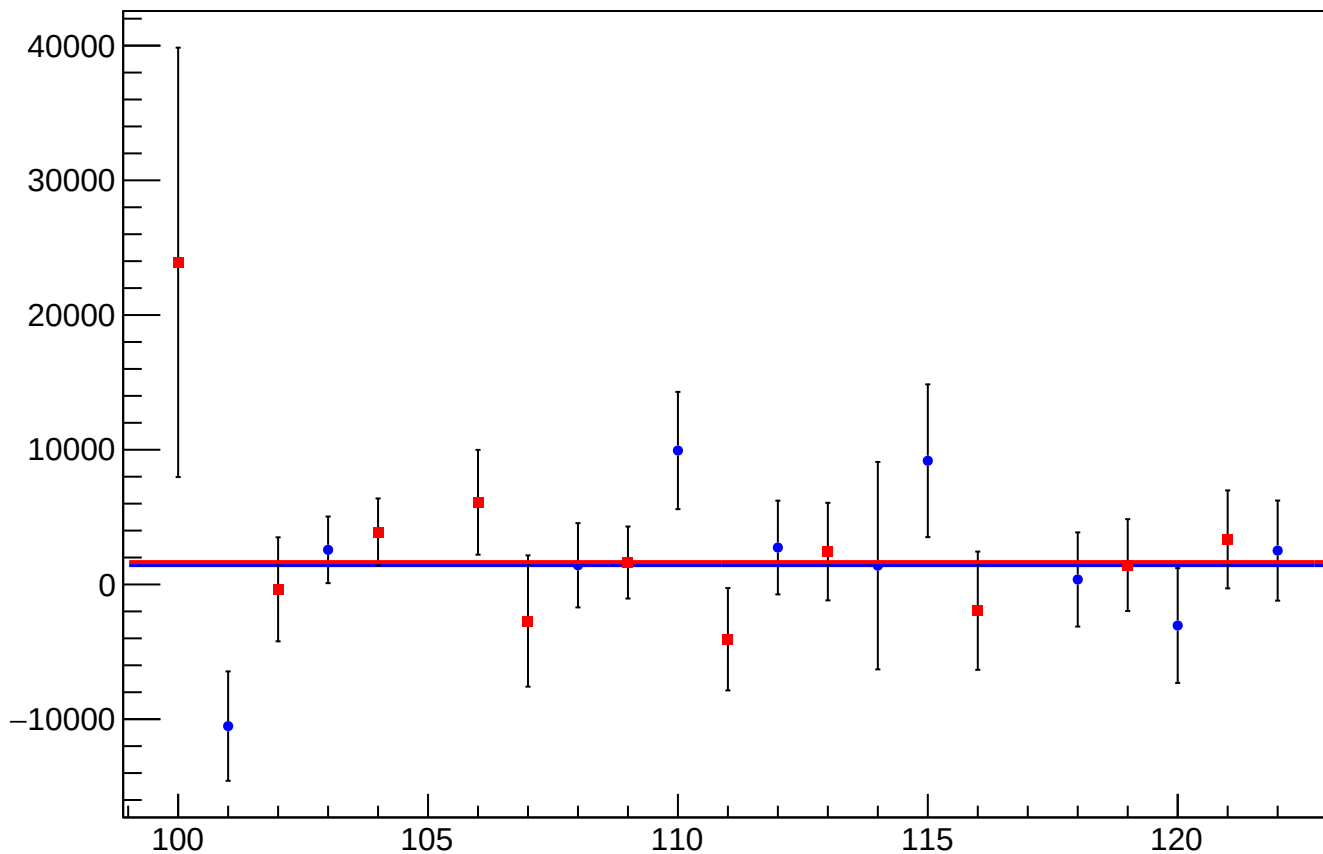
Right: 1415.762 ± 0.358 χ^2/NDF : 1311713.8/20

In: 1606.784 ± 0.574 χ^2/NDF : 312984.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1415.762 ± 0.358 χ^2/NDF : 1311713.8/20

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: 1660.137+/-1091.793 χ^2/NDF : 8.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

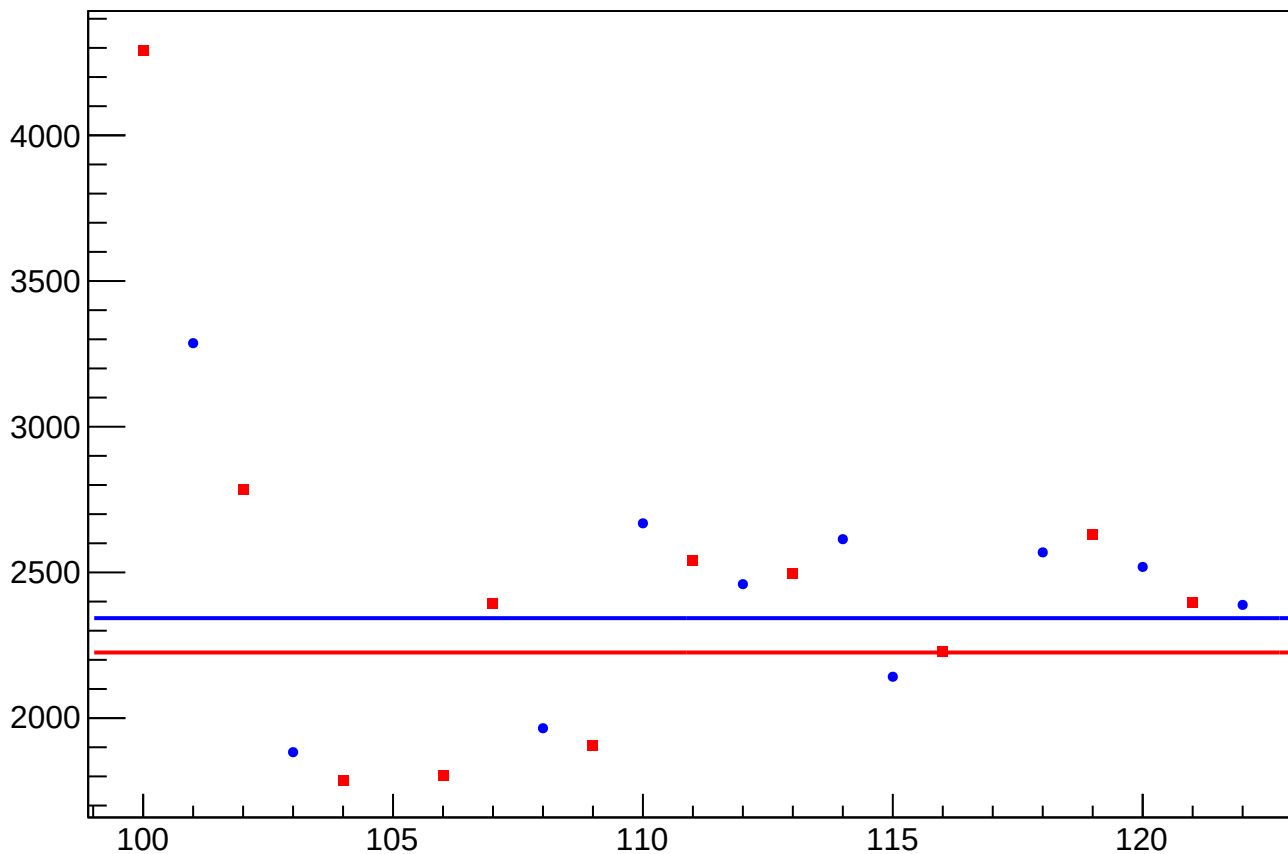
Right: 1557.118+/-801.125 χ^2/NDF : 24.3/20

In: 1436.950+/-1179.170 χ^2/NDF : 16.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.118+/-801.125 χ^2/NDF : 24.3/20

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: 2225.200+/-0.772 χ^2/NDF : 249547.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

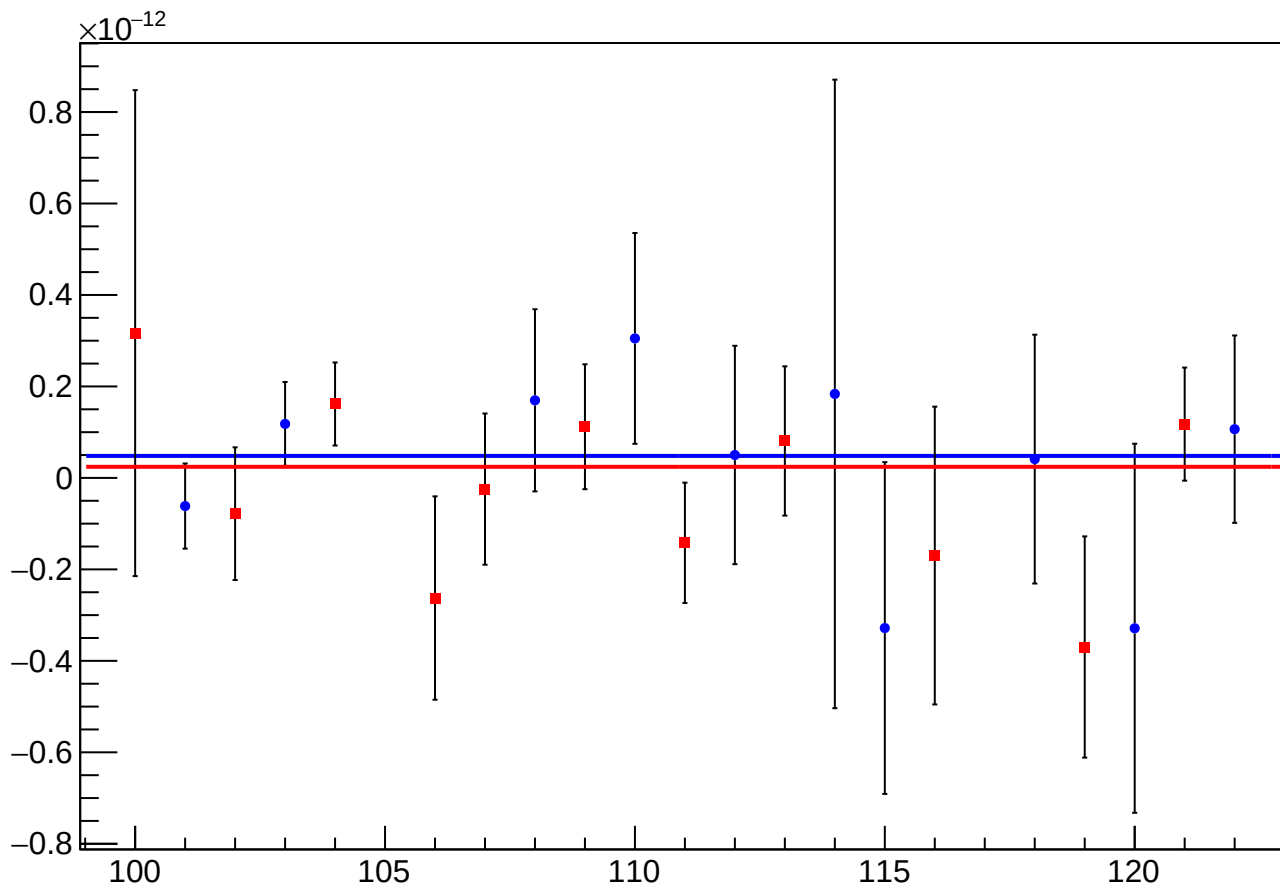
Right: 2279.624+/-0.566 χ^2/NDF : 497195.3/20

In: 2343.108+/-0.834 χ^2/NDF : 236881.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2279.624+/-0.566 χ^2/NDF : 497195.3/20

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 : 10.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

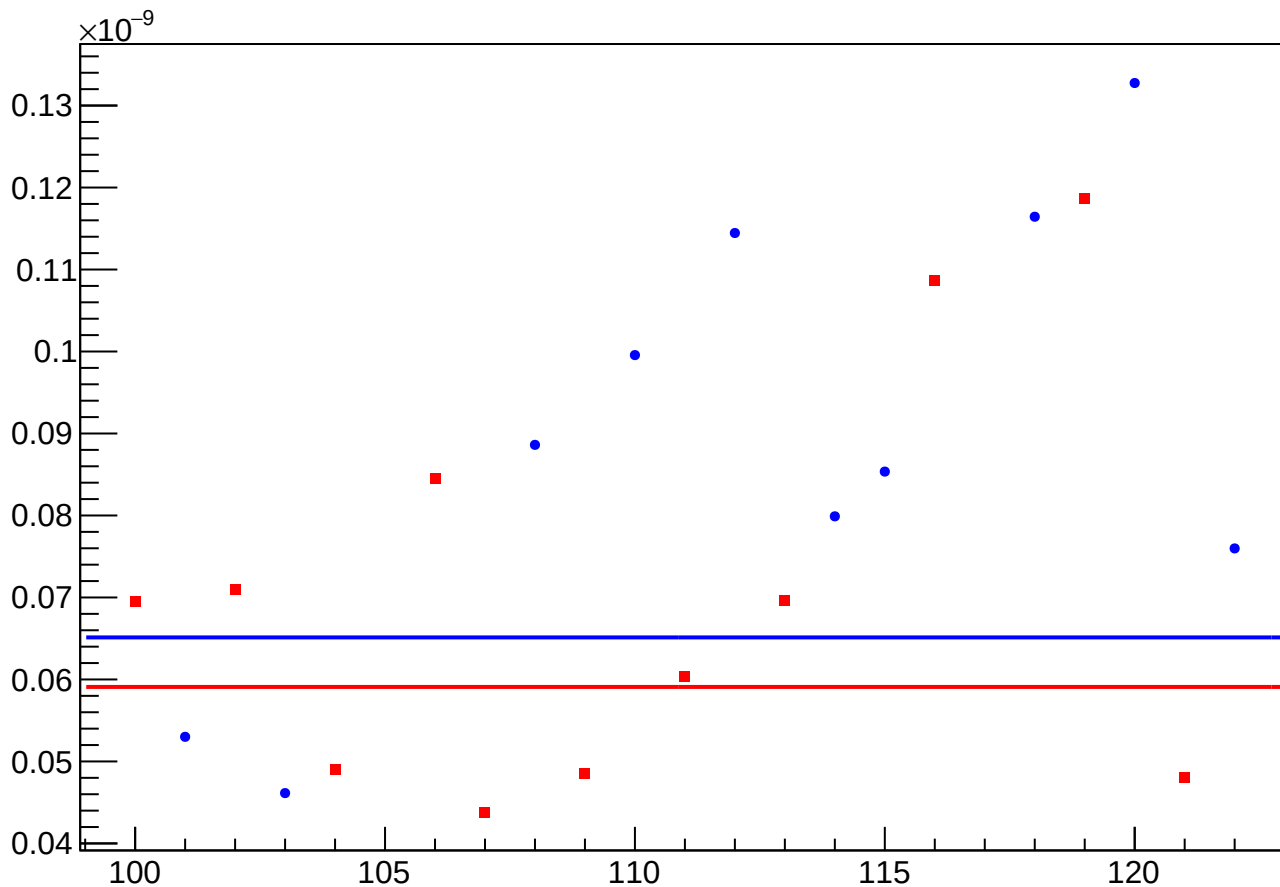
Right: 0.000+/-0.000 χ^2/NDF : 16.3/20

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 : 16.3/20

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 : 286785.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

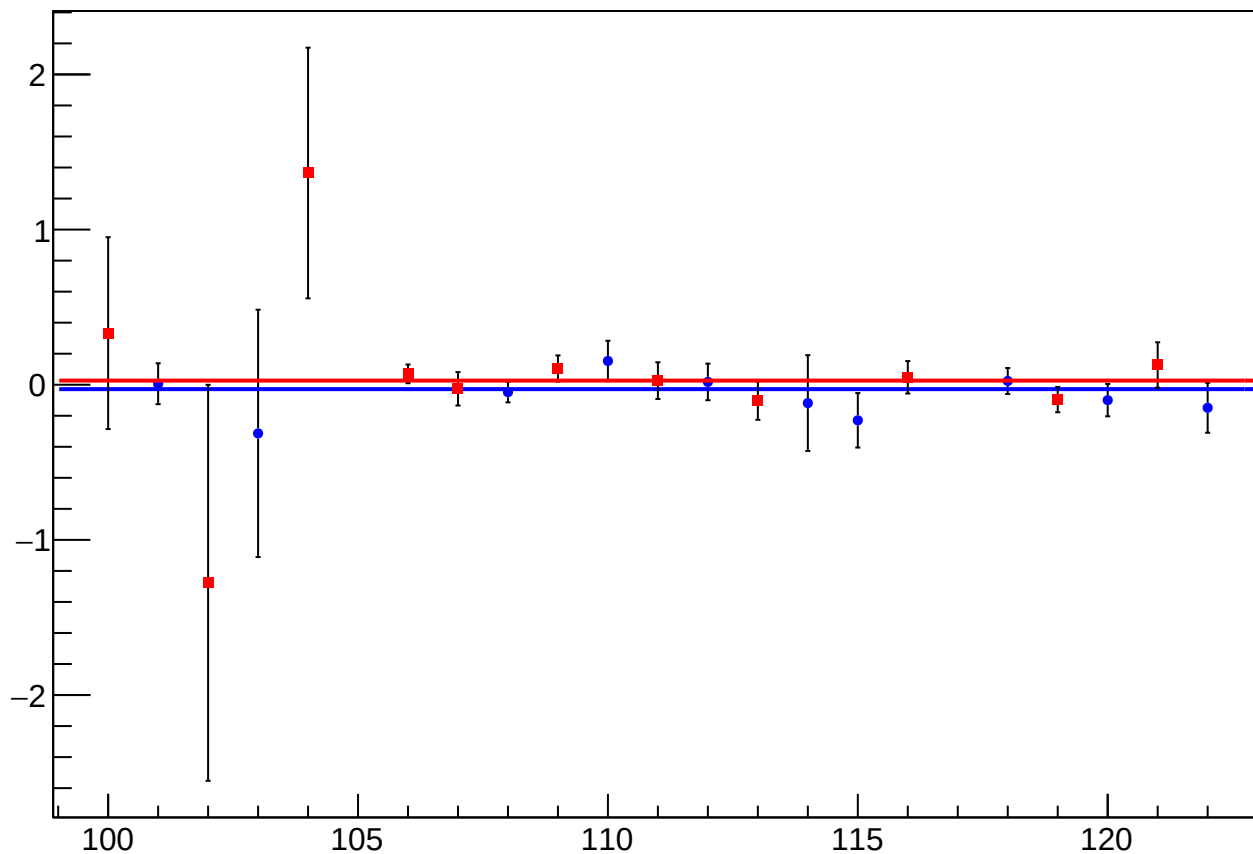
Right: 0.000+/-0.000 χ^2/NDF : 719028.3/20

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 : 719028.3/20

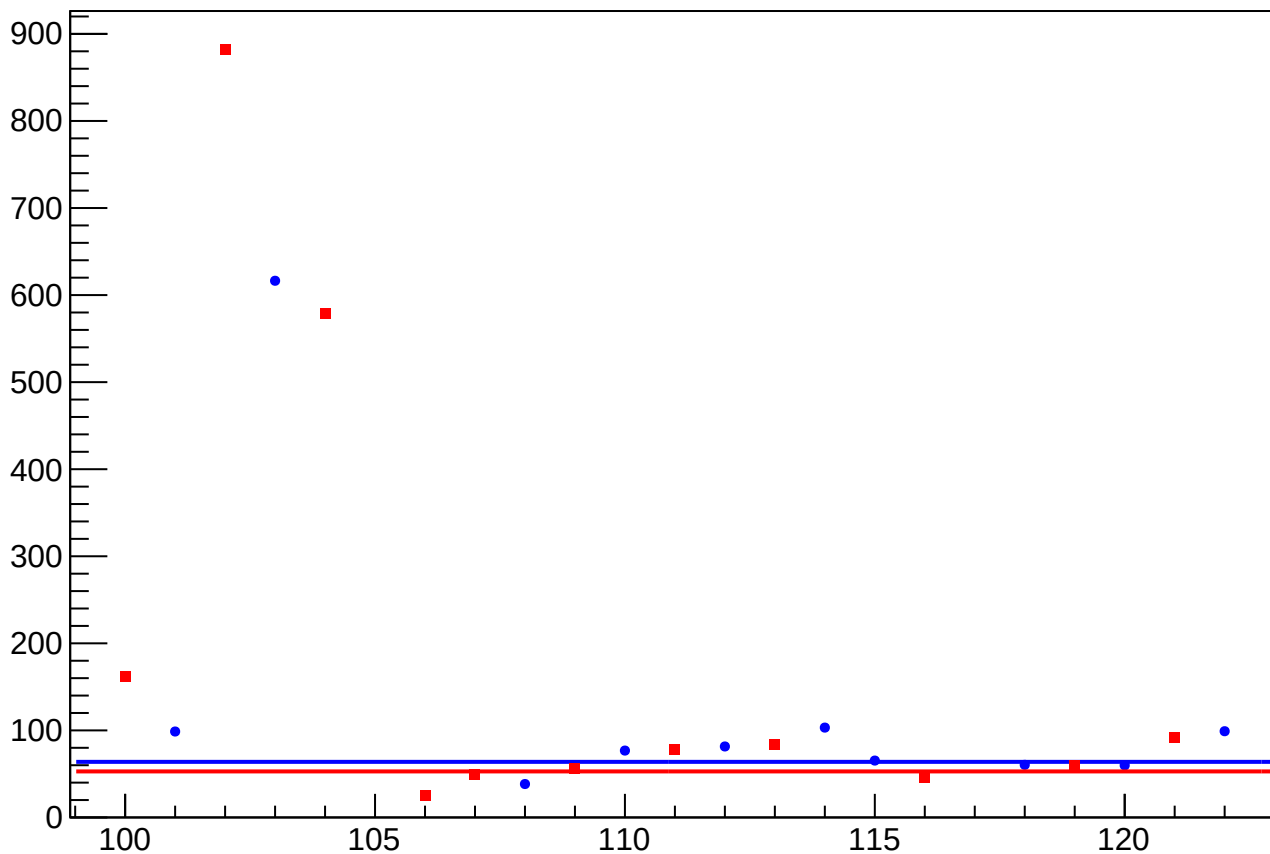
asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 ± 0.037 $\chi^2/\text{NDF}: 5.2/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.027 ± 0.033 $\chi^2/\text{NDF}: 9.5/10$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 0.002 ± 0.024 $\chi^2/\text{NDF}: 16.0/20$
 In: -0.028 ± 0.037 $\chi^2/\text{NDF}: 5.2/9$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.002 ± 0.024 $\chi^2/\text{NDF}: 16.0/20$

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: 52.870+/-0.023 χ^2/NDF : 2564989.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

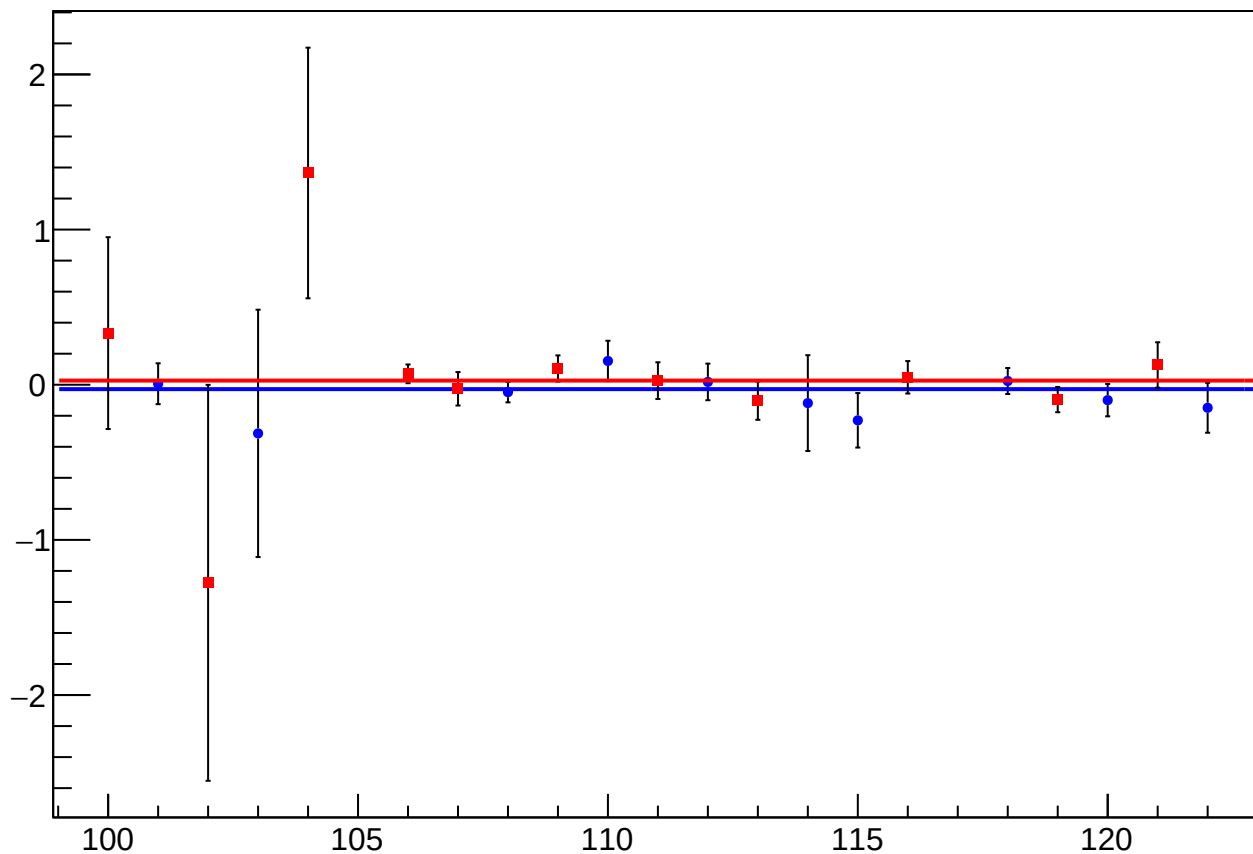
Right: 57.724+/-0.017 χ^2/NDF : 4264203.5/20

In: 63.865+/-0.026 χ^2/NDF : 1599757.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.724+/-0.017 χ^2/NDF : 4264203.5/20

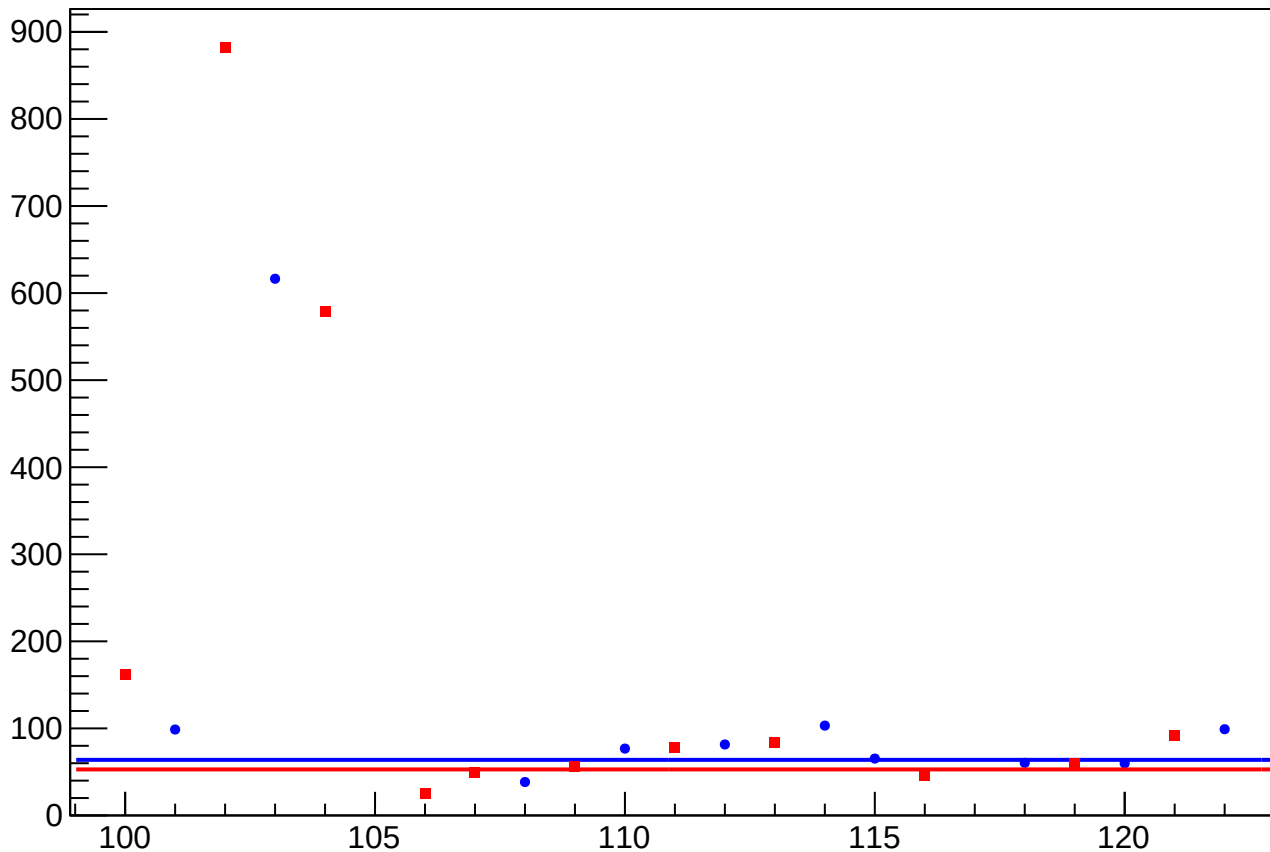
asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 ± 0.037 $\chi^2/\text{NDF}: 5.2/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.027 ± 0.033 $\chi^2/\text{NDF}: 9.5/10$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 0.002 ± 0.024 $\chi^2/\text{NDF}: 16.0/20$
 In: -0.028 ± 0.037 $\chi^2/\text{NDF}: 5.2/9$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.002 ± 0.024 $\chi^2/\text{NDF}: 16.0/20$

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: 52.870+/-0.023 χ^2/NDF : 2564989.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

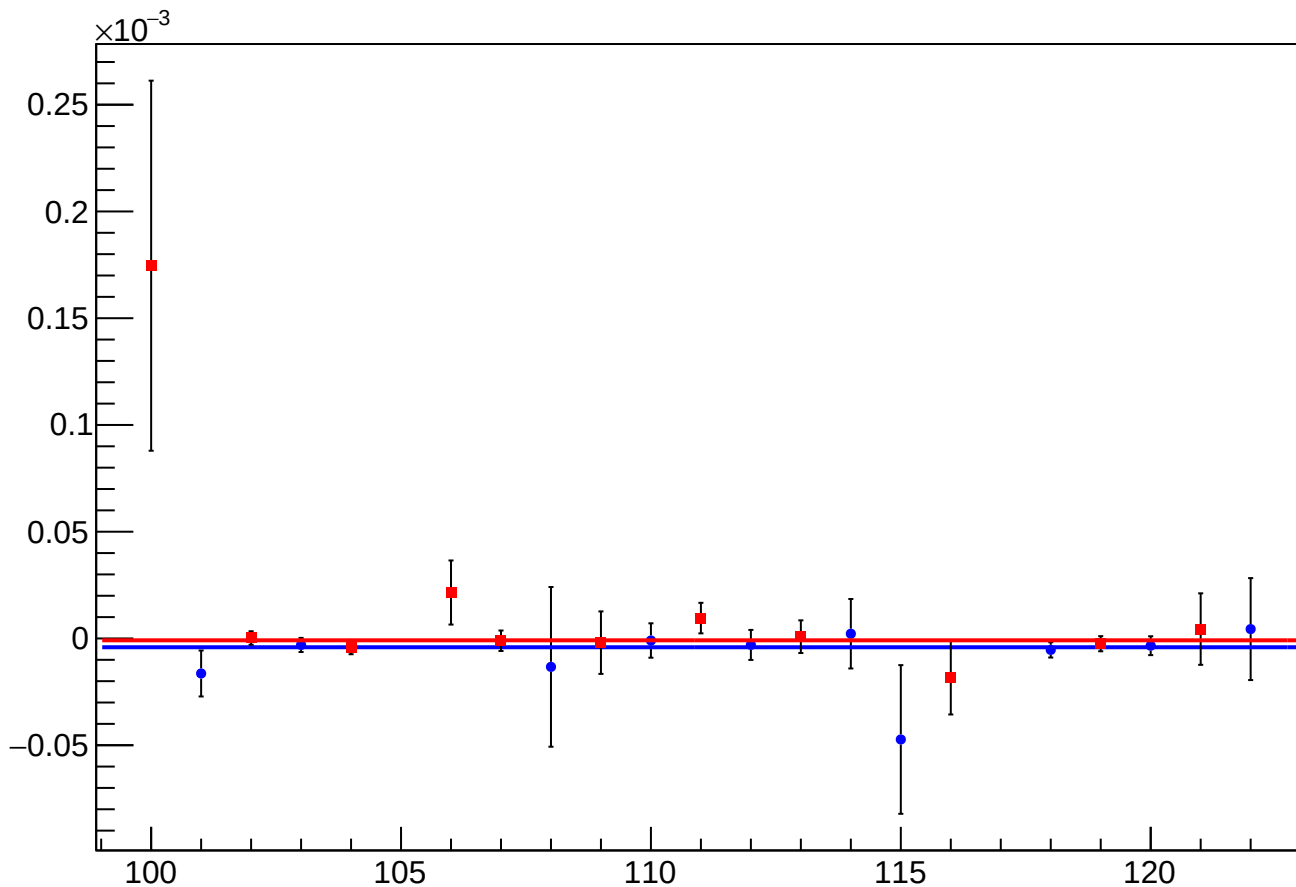
Right: 57.724+/-0.017 χ^2/NDF : 4264203.5/20

In: 63.865+/-0.026 χ^2/NDF : 1599757.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.724+/-0.017 χ^2/NDF : 4264203.5/20

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 : 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

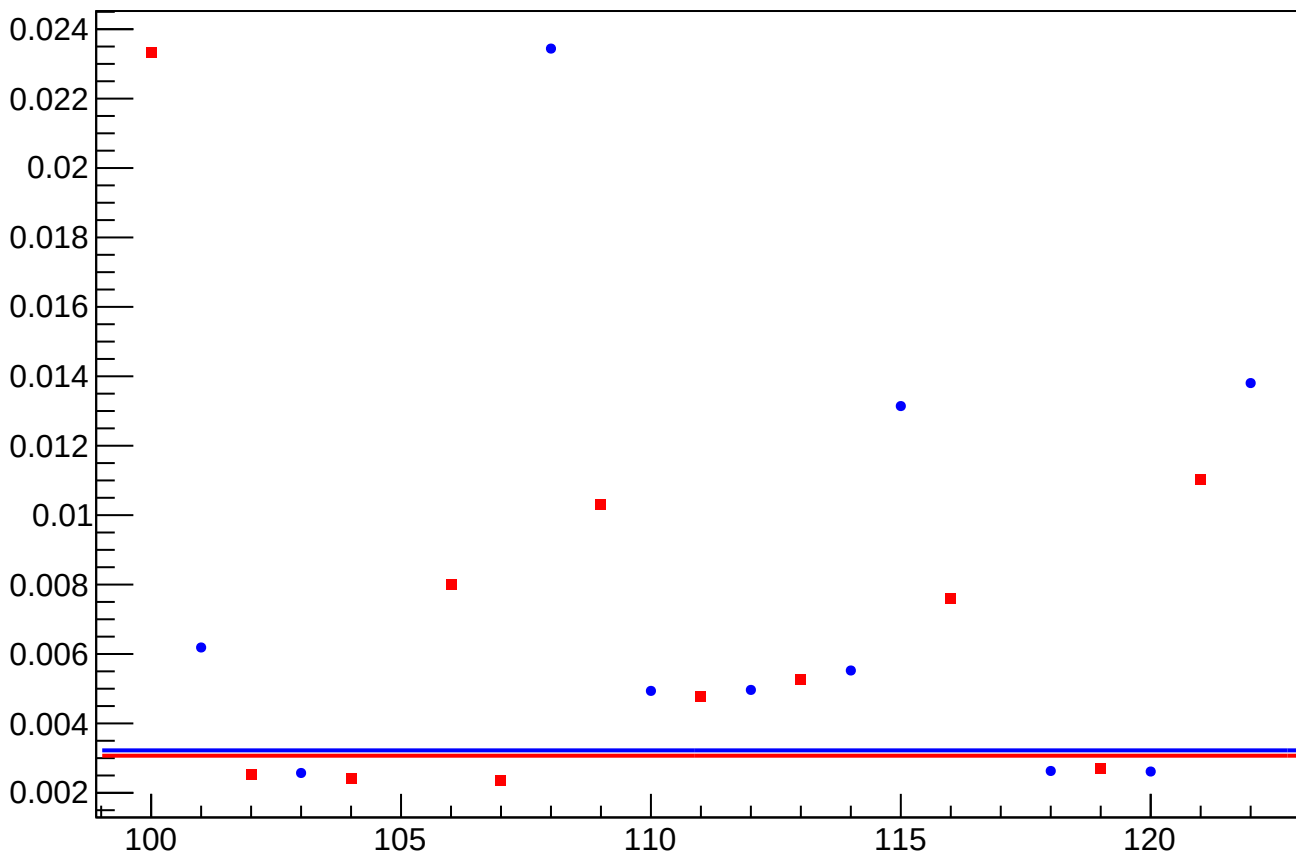
Right: -0.000+/-0.000 χ^2/NDF : 16.1/20

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 : 16.1/20

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 : 1884804.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

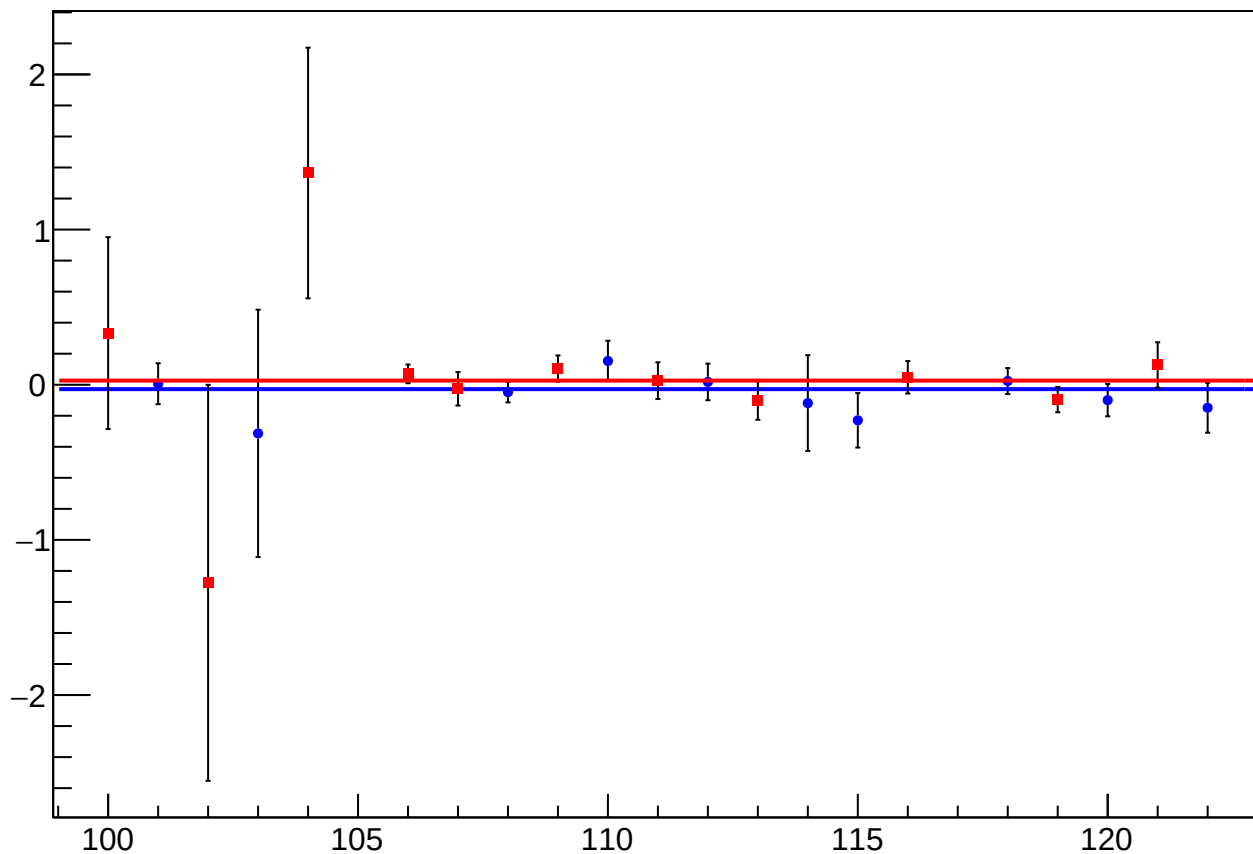
Right: 0.003+/-0.000 χ^2/NDF : 3606973.0/20

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 : 3606973.0/20

asym_at2_dd_eigen_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 : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

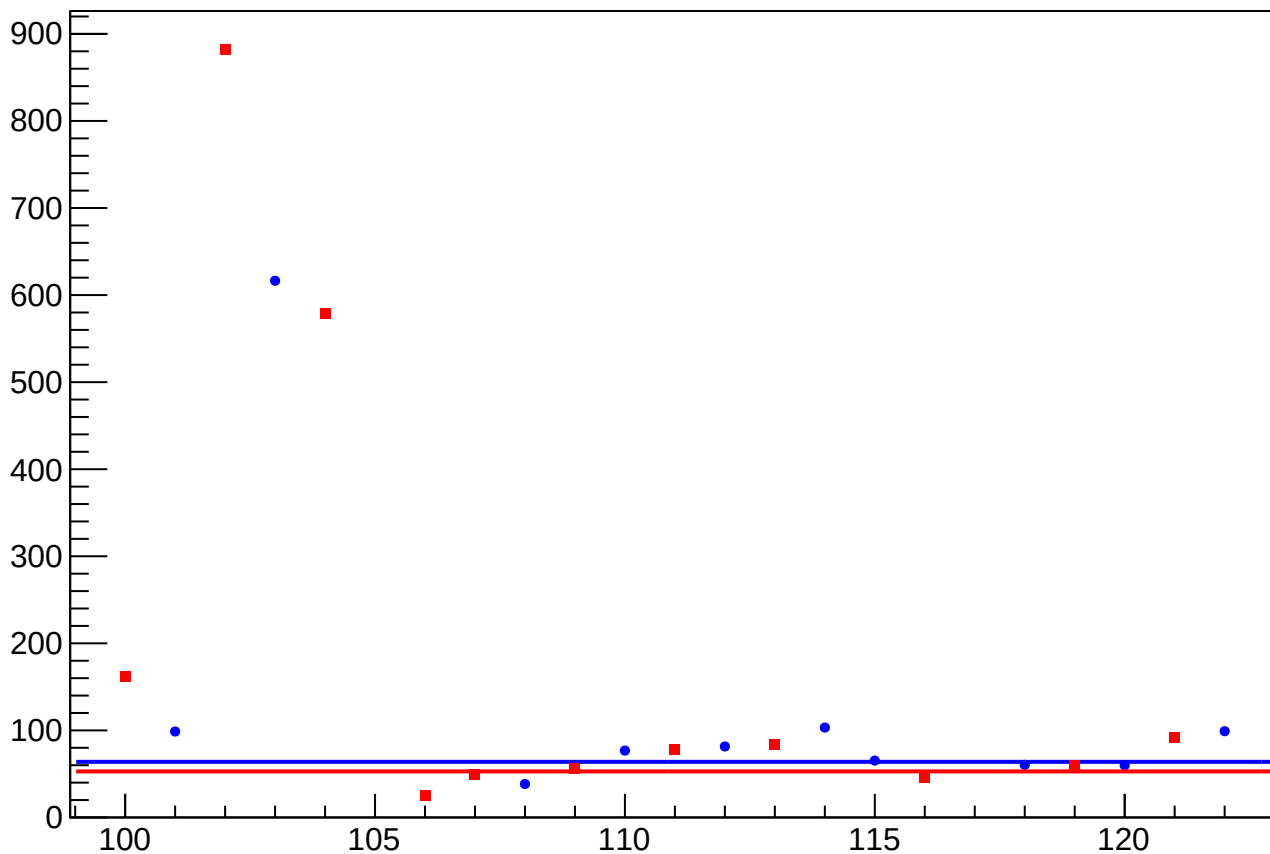
Right: 0.002+/-0.024 χ^2/NDF : 16.0/20

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 : 16.0/20

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: 52.863+/-0.023 χ^2/NDF : 2565447.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

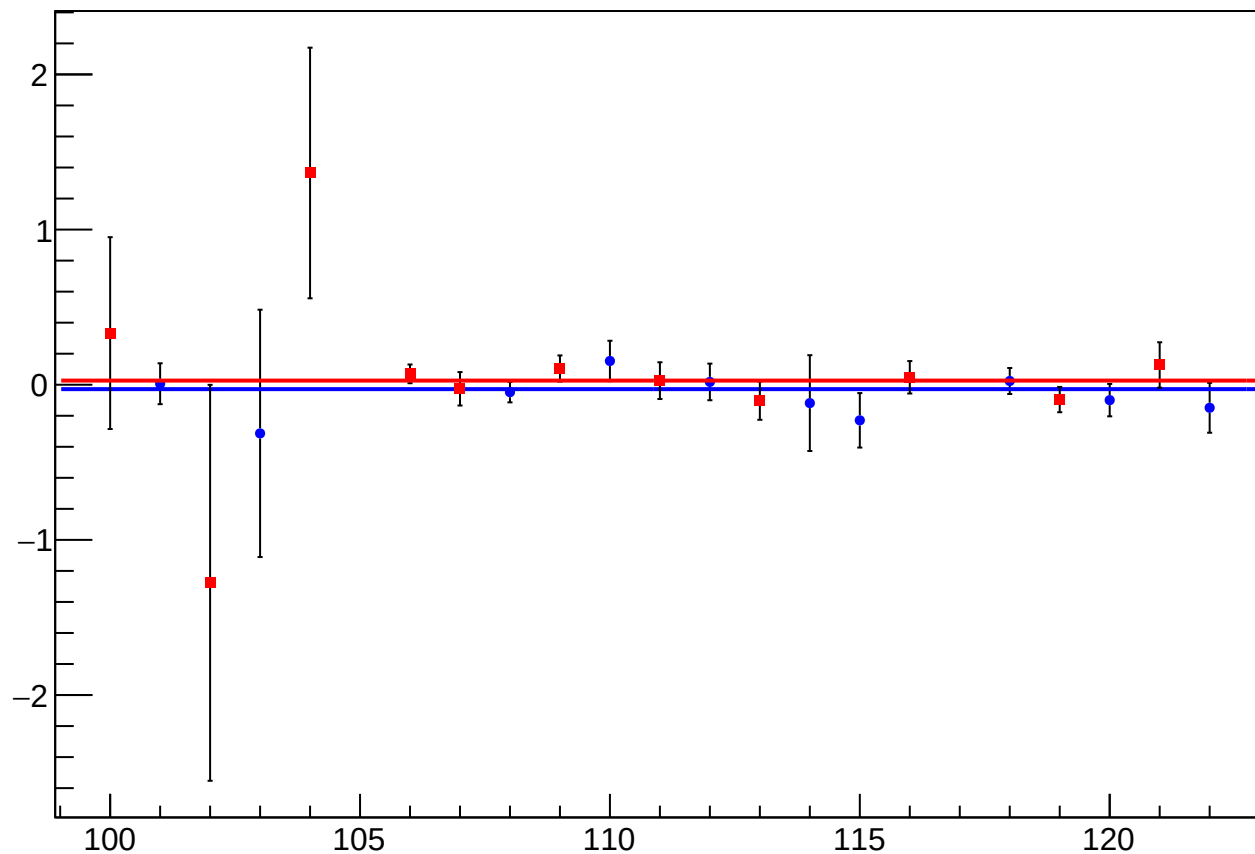
Right: 57.724+/-0.017 χ^2/NDF : 4264346.0/20

In: 63.878+/-0.026 χ^2/NDF : 1599104.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.724+/-0.017 χ^2/NDF : 4264346.0/20

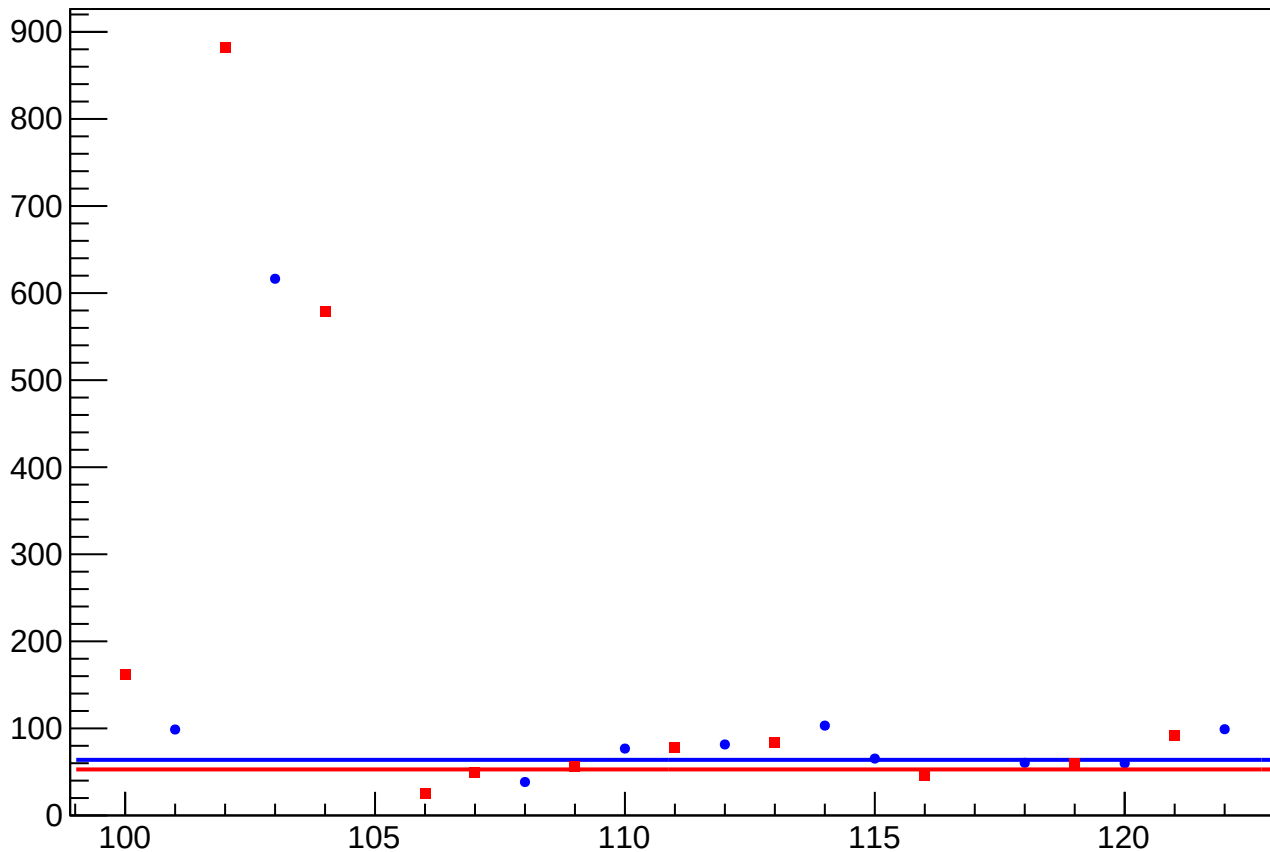
asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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 : 9.5/10
 Left 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 : 16.0/20
 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 : 16.0/20

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: 52.863+/-0.023 χ^2/NDF : 2565447.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

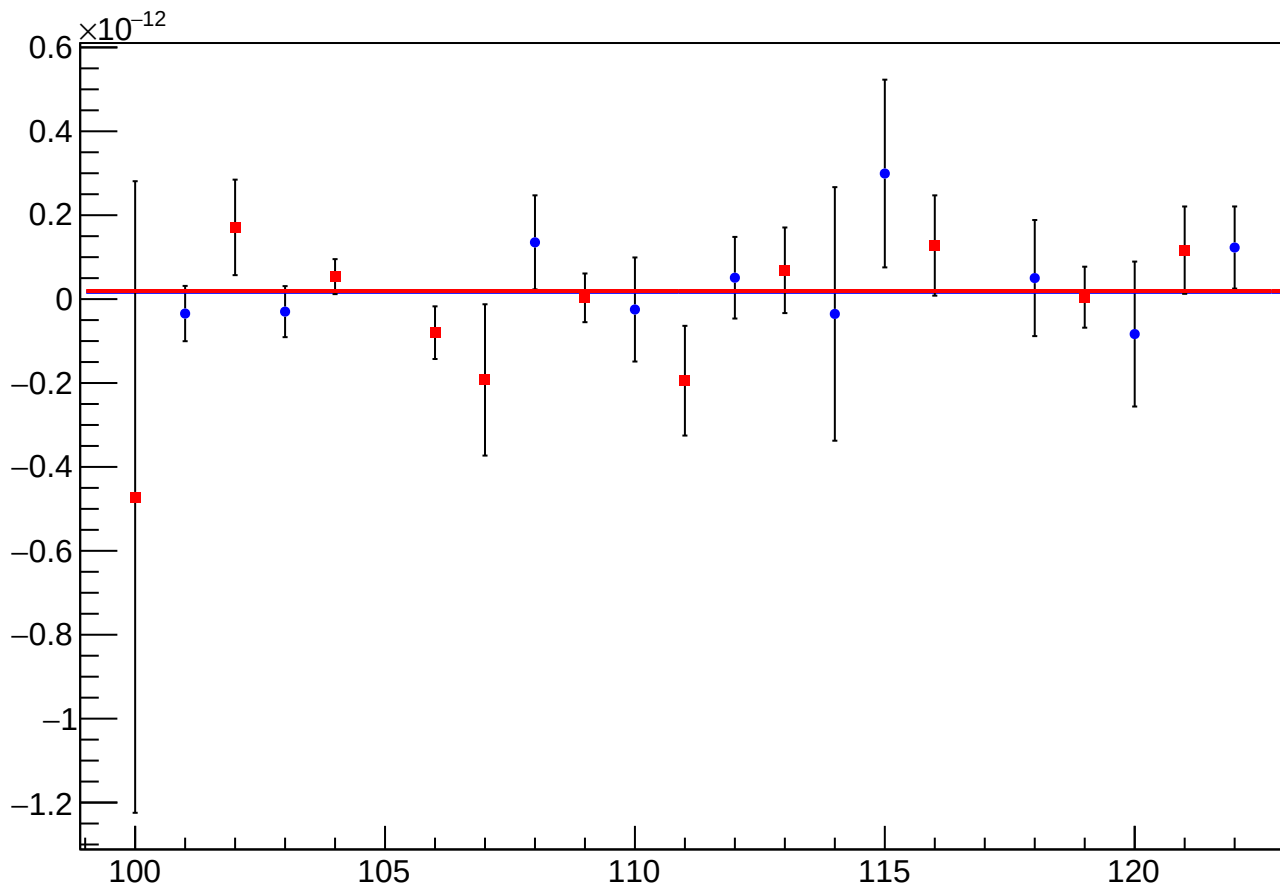
Right: 57.724+/-0.017 χ^2/NDF : 4264346.0/20

In: 63.878+/-0.026 χ^2/NDF :1599104.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.724+/-0.017 χ^2/NDF : 4264346.0/20

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 : 11.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

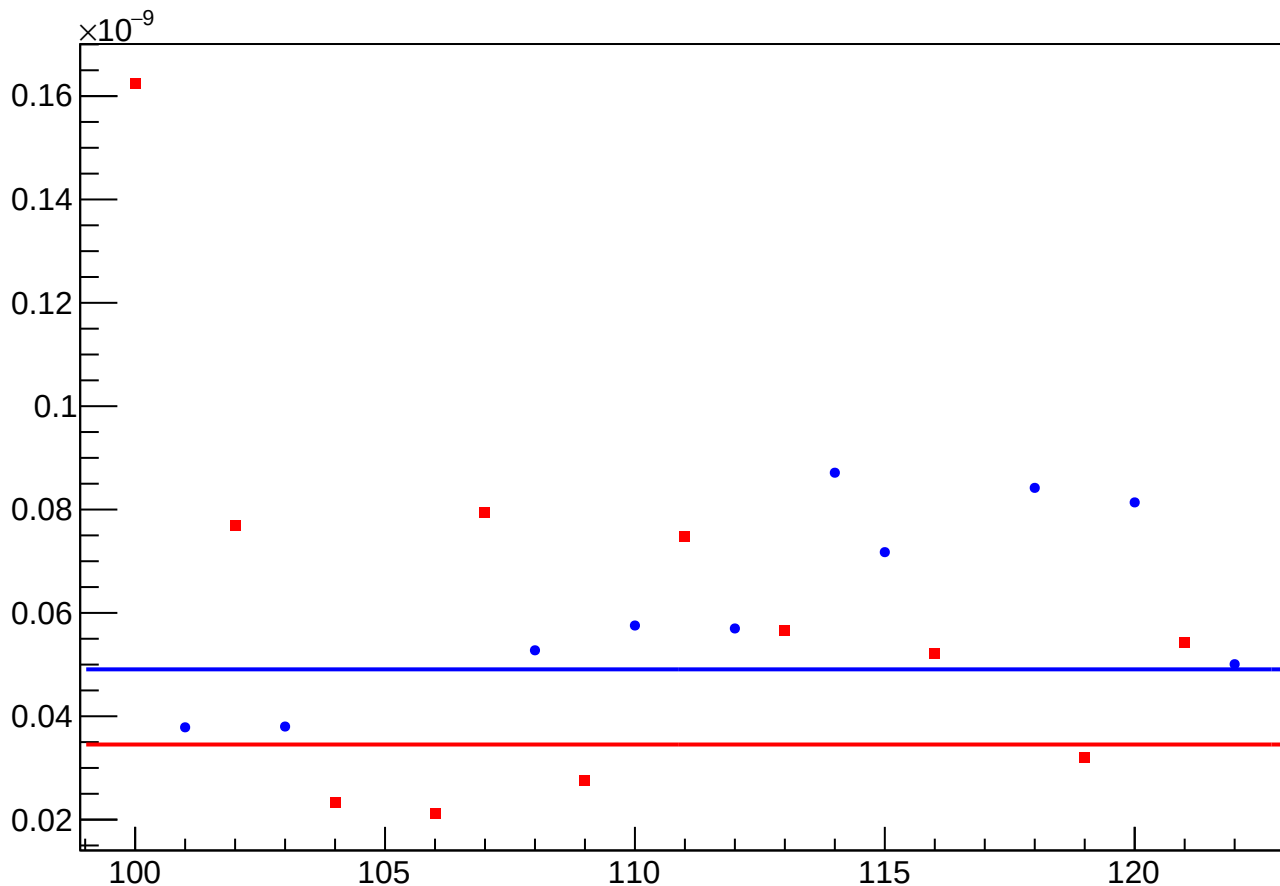
Right: 0.000+/-0.000 χ^2/NDF : 17.2/20

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 : 17.2/20

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 : 1126098.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

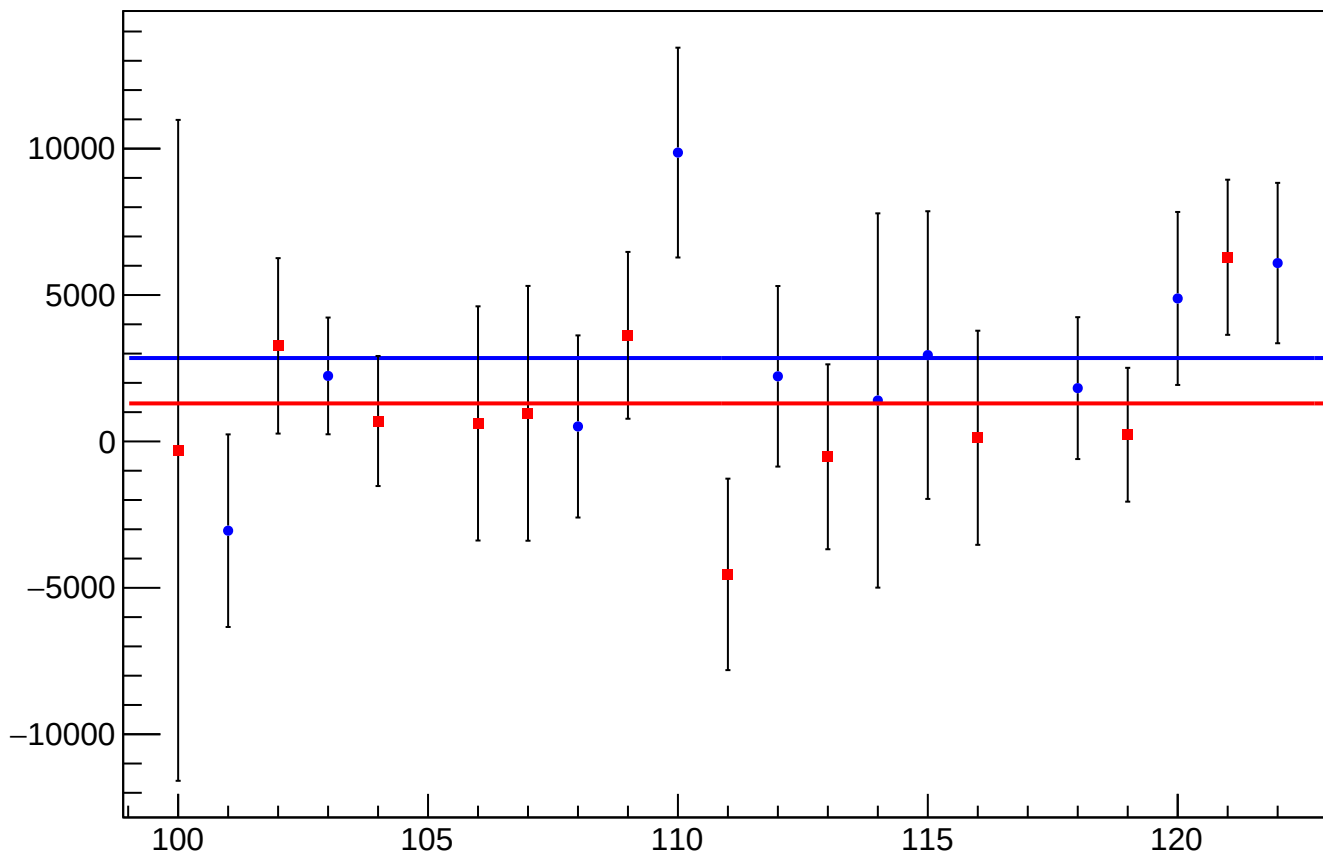
Right: 0.000+/-0.000 χ^2/NDF : 1790084.2/20

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 : 1790084.2/20

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: 1298.492+/-927.185 χ^2/NDF : 8.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

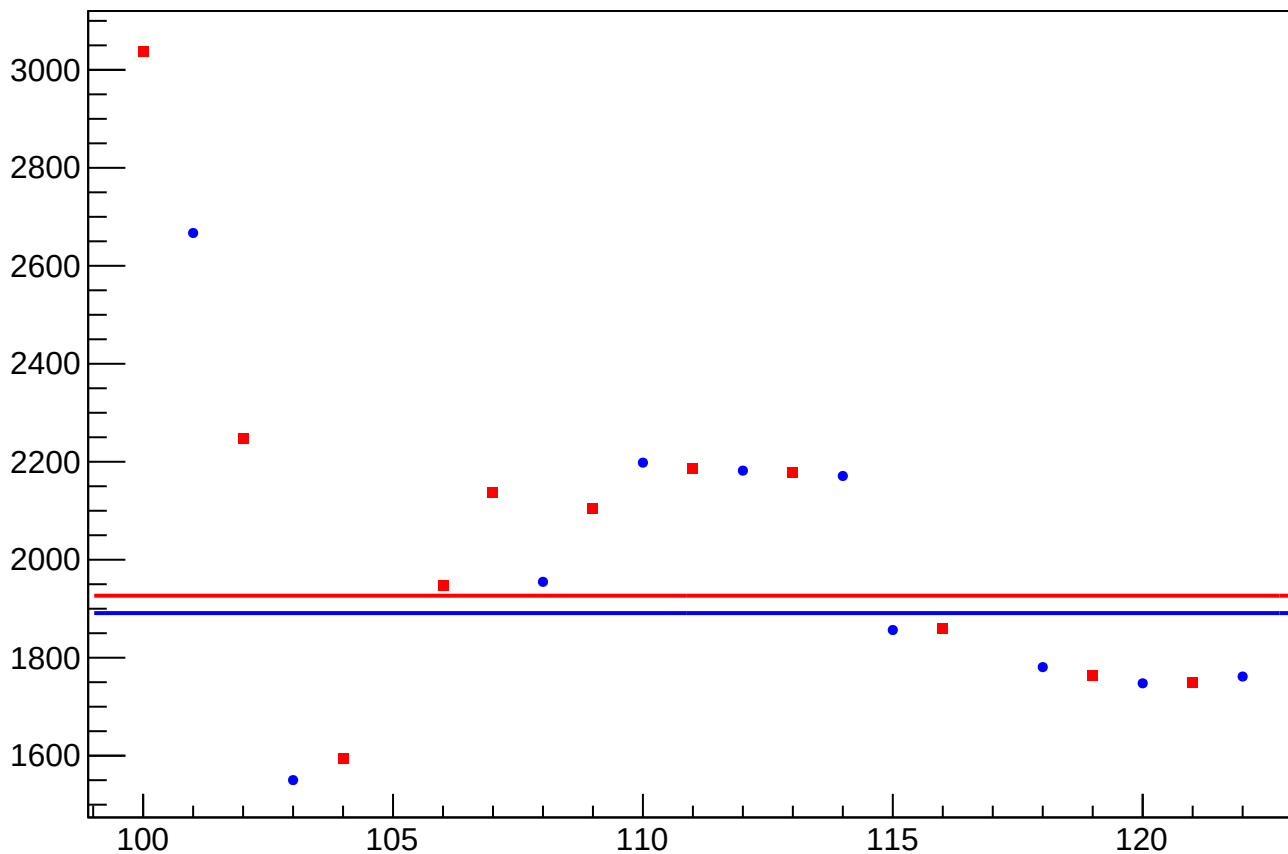
Right: 2056.900+/-662.554 χ^2/NDF : 19.8/20

In: 2848.269+/-947.118 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2056.900+/-662.554 χ^2/NDF : 19.8/20

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: 1926.586+/-0.653 χ^2/NDF : 144420.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

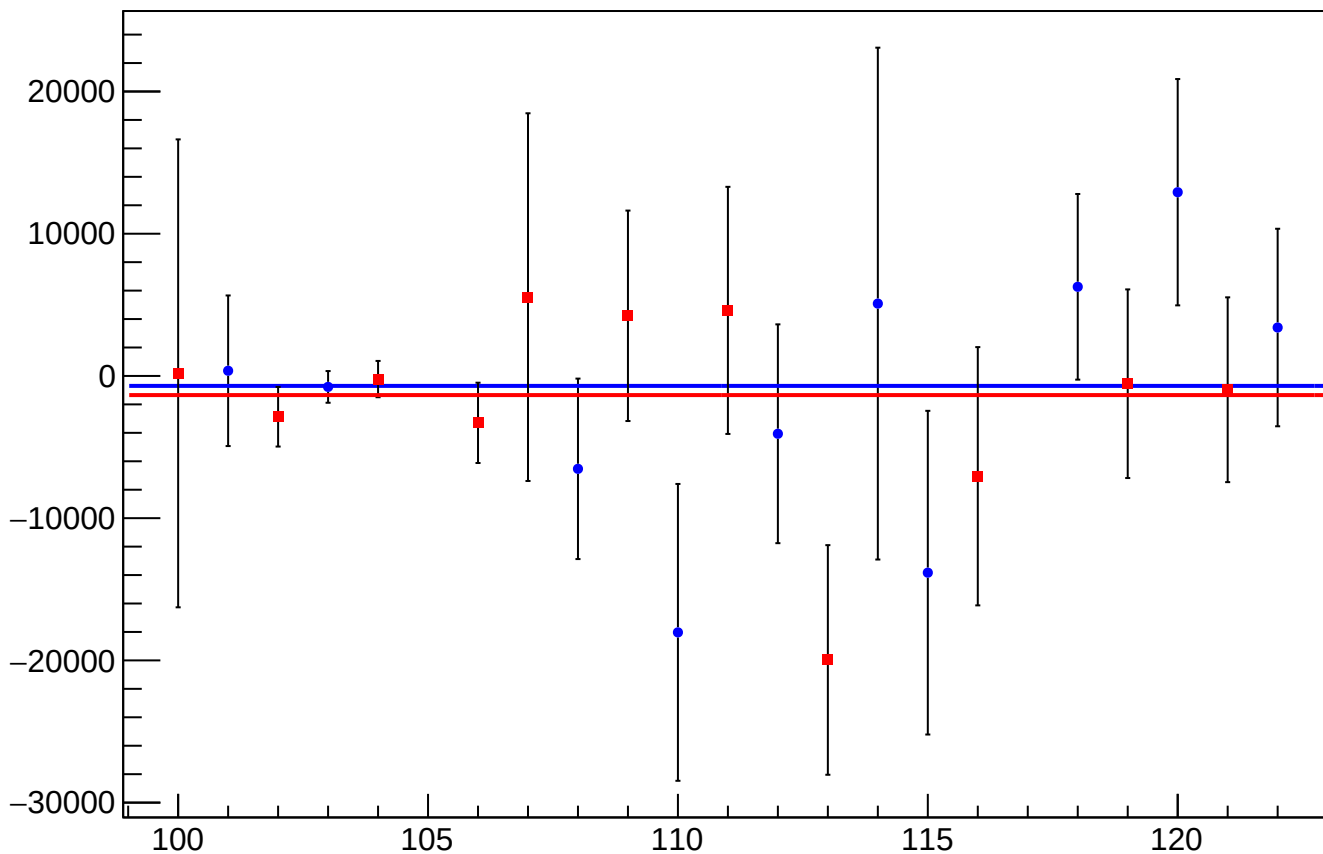
Right: 1909.273+/-0.468 χ^2/NDF : 366248.9/20

In: 1891.063+/-0.670 χ^2/NDF : 220386.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.273+/-0.468 χ^2/NDF : 366248.9/20

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: -1345.767+/-961.026 χ^2/NDF : 8.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

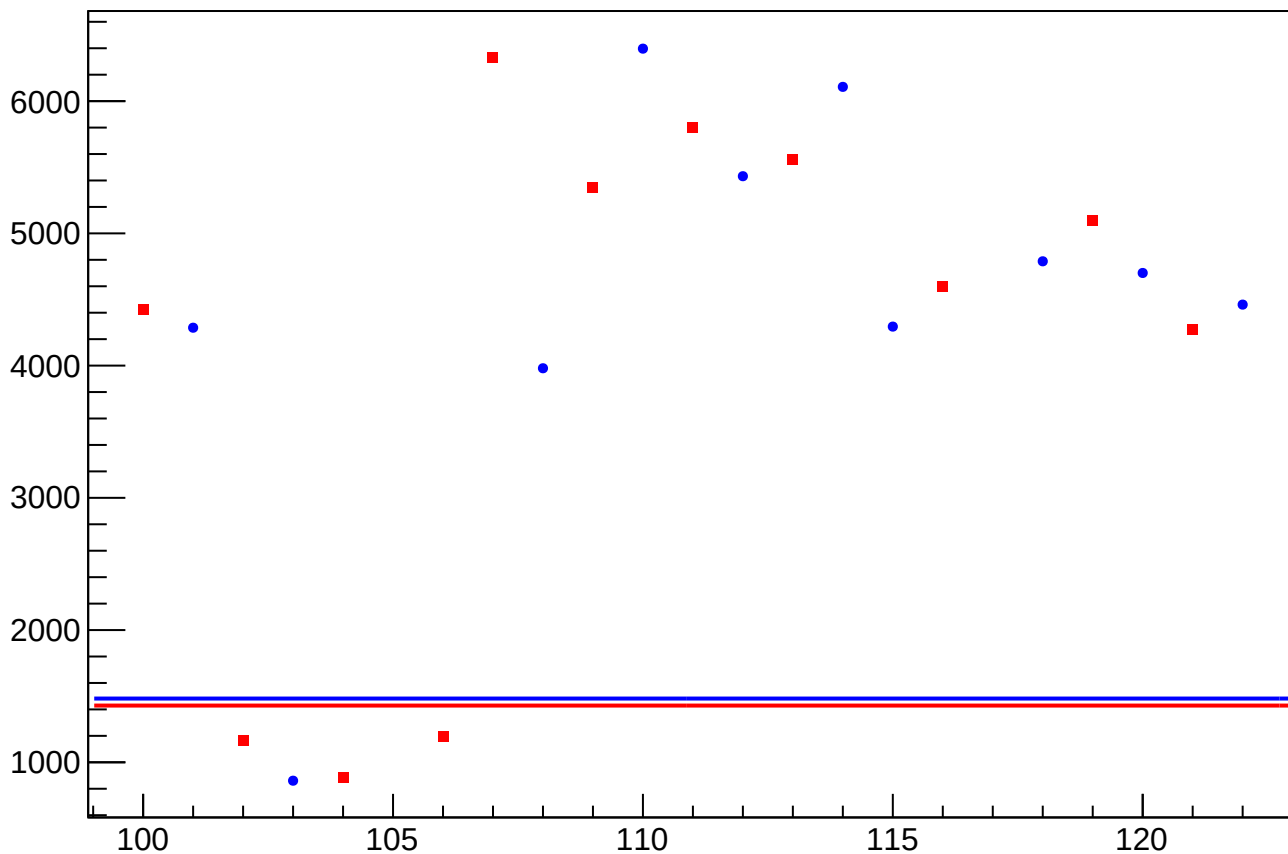
Right: -1041.574+/-699.213 χ^2/NDF : 18.8/20

In: -699.431+/-1019.211 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1041.574+/-699.213 χ^2/NDF : 18.8/20

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: 1429.045+/-0.680 χ^2/NDF : 3594093.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

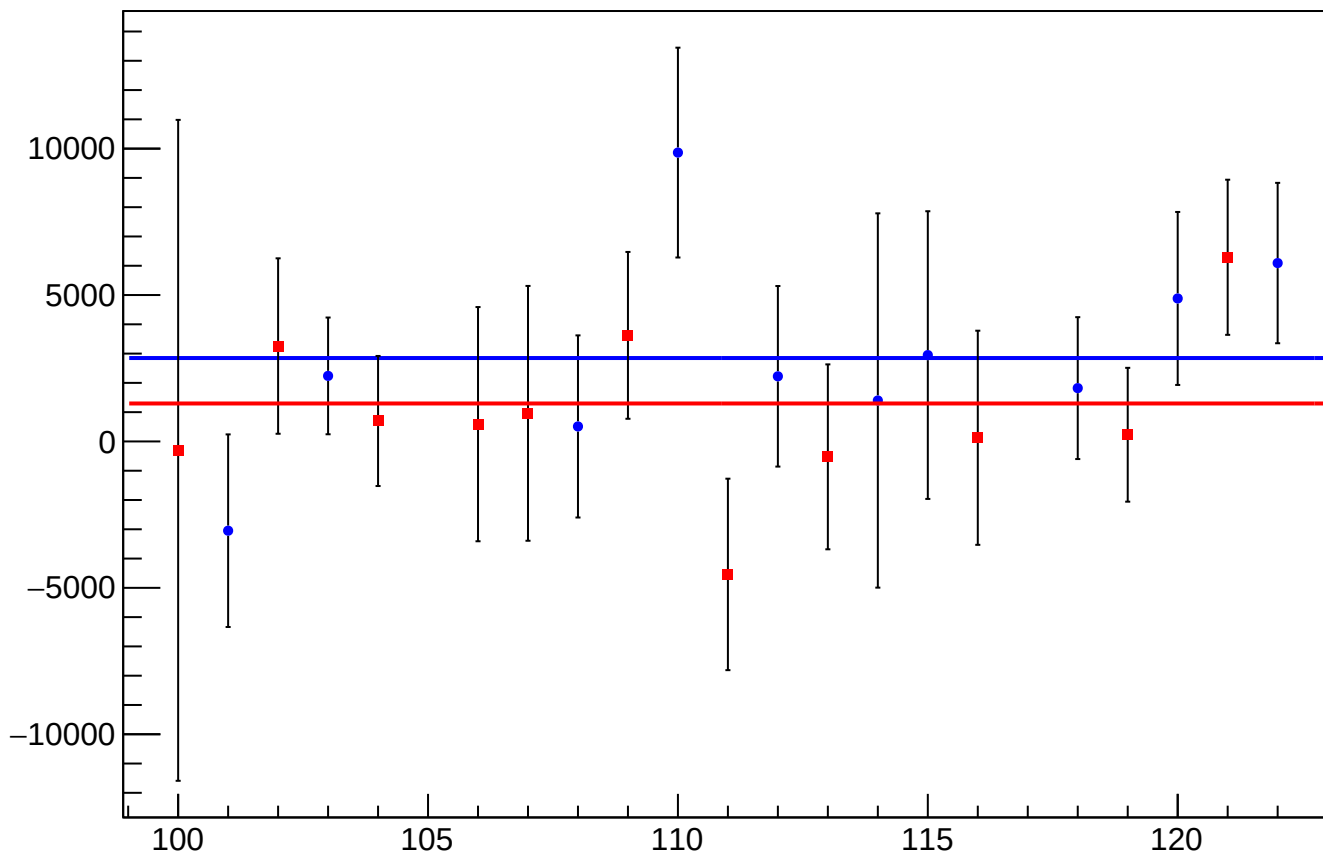
Right: 1454.019+/-0.494 χ^2/NDF : 7523780.9/20

In: 1482.109+/-0.721 χ^2/NDF : 3926817.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1454.019+/-0.494 χ^2/NDF : 7523780.9/20

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: 1296.376+/-927.187 χ^2/NDF : 8.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

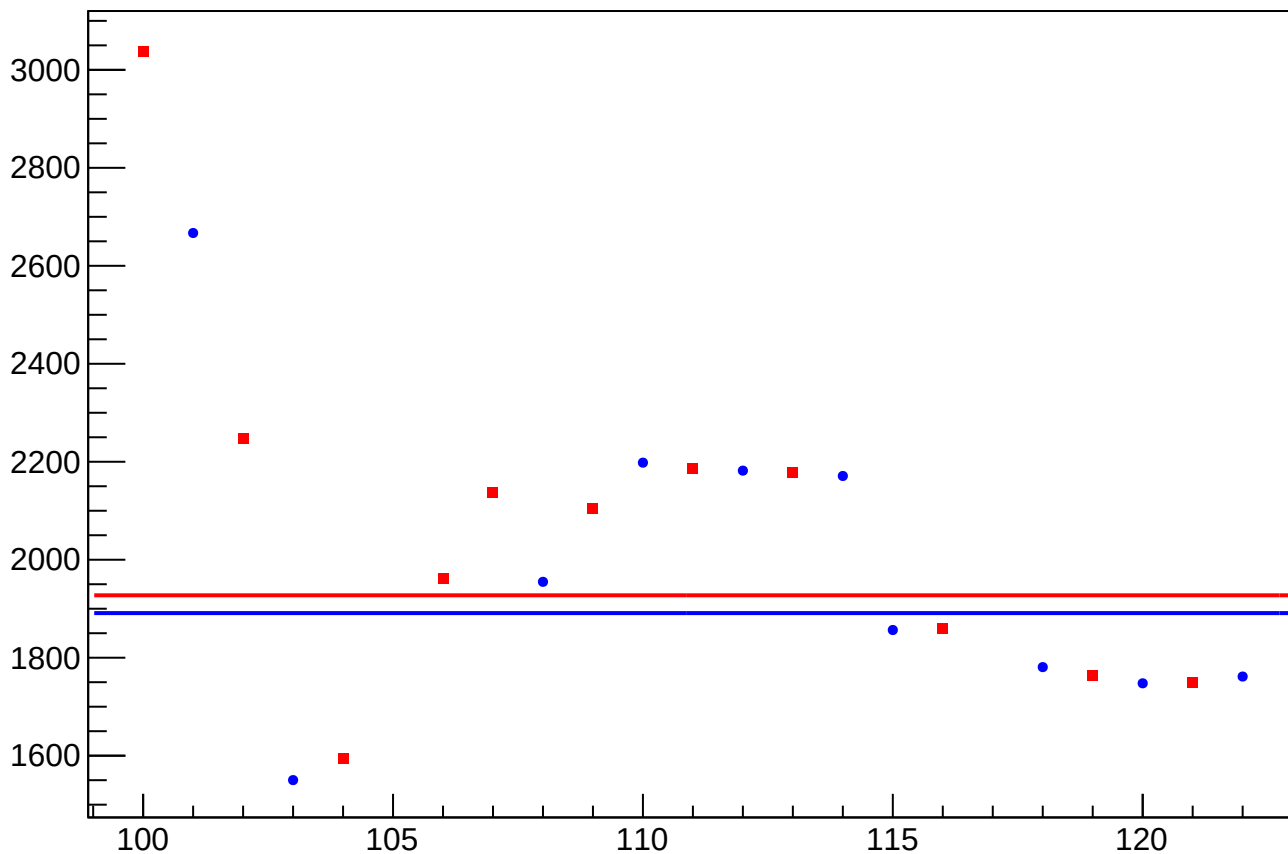
Right: 2055.941+/-662.555 χ^2/NDF : 19.8/20

In: 2848.513+/-947.119 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2055.941+/-662.555 χ^2/NDF : 19.8/20

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: 1927.399+/-0.653 χ^2/NDF : 144529.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

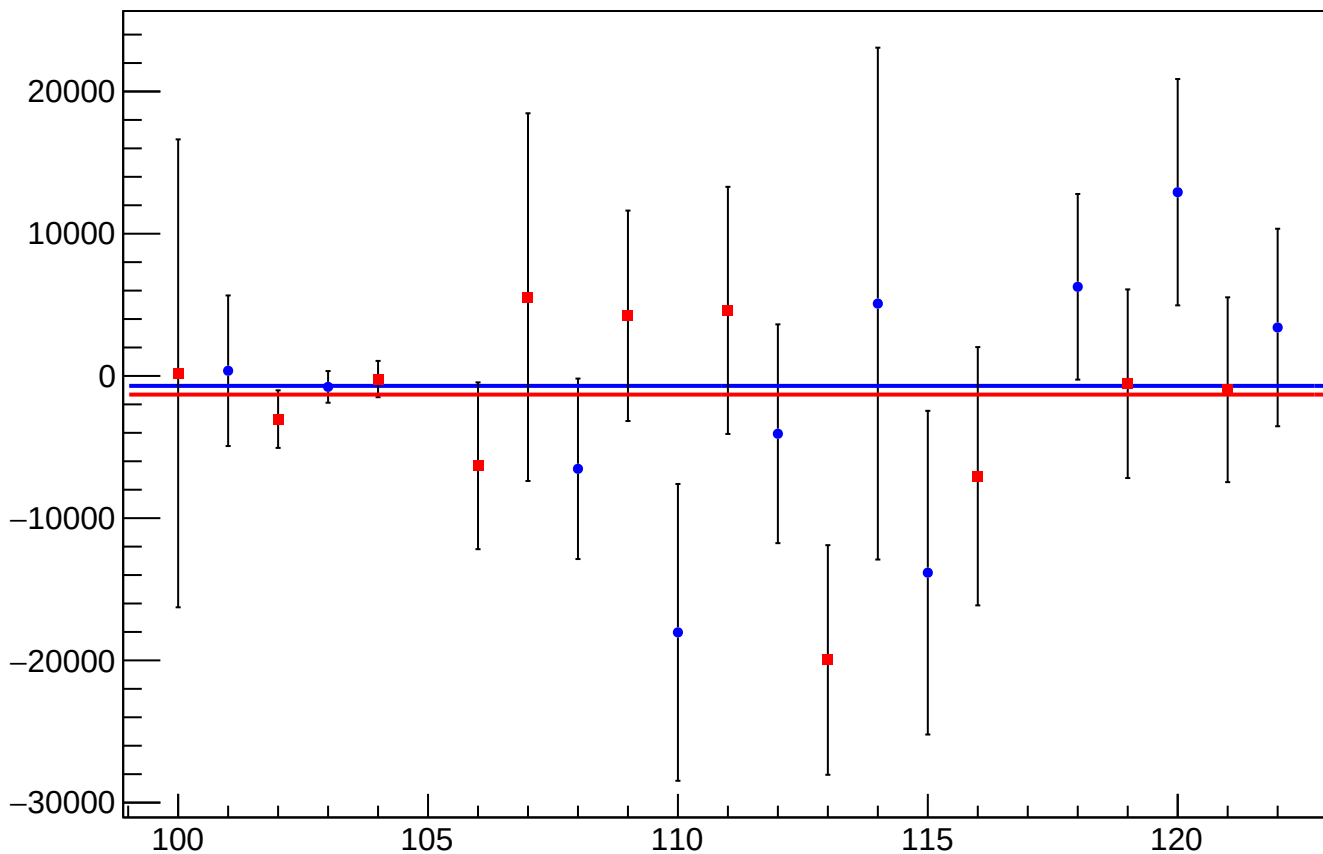
Right: 1909.683+/-0.468 χ^2/NDF : 366424.0/20

In: 1891.063+/-0.670 χ^2/NDF : 220386.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.683+/-0.468 χ^2/NDF : 366424.0/20

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: -1311.140+/-998.454 χ^2/NDF : 9.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

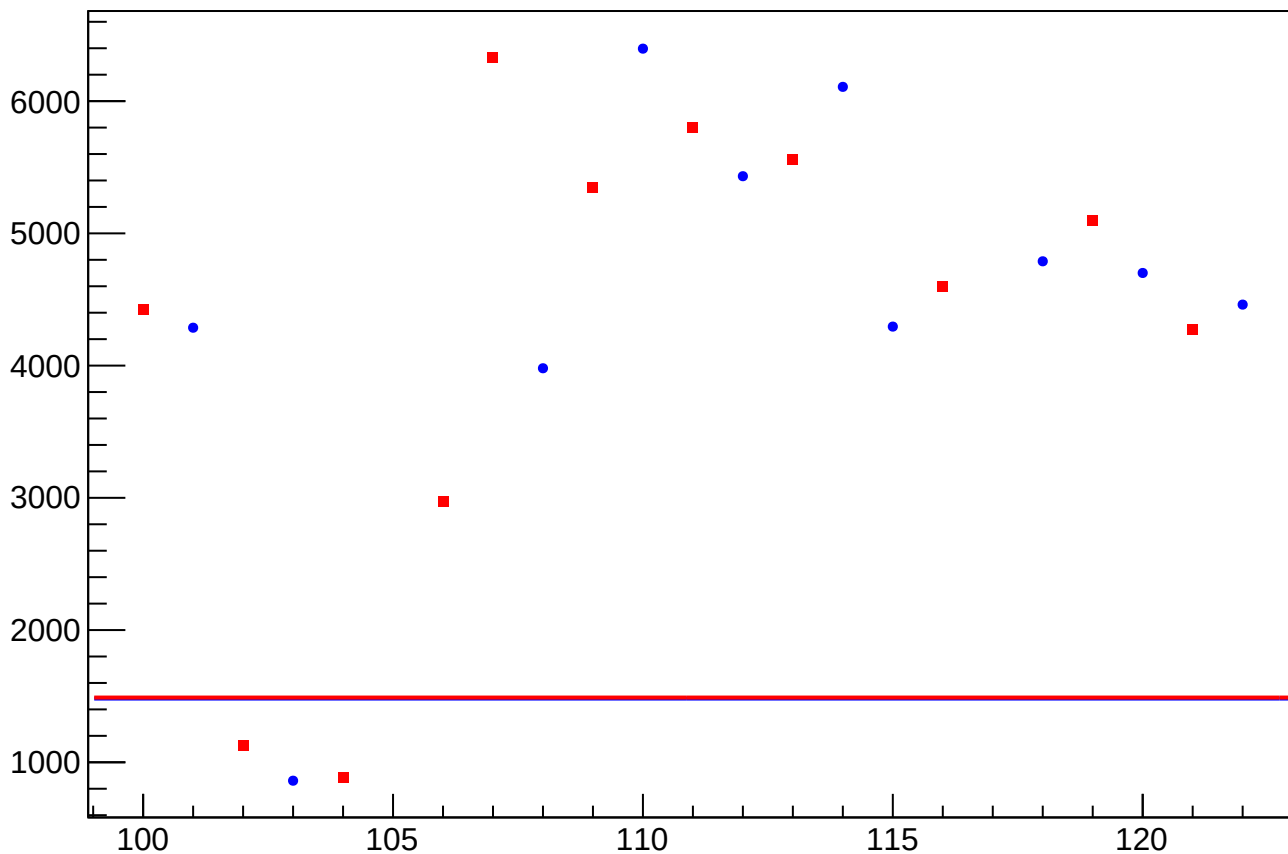
Right: -1011.300+/-713.217 χ^2/NDF : 19.1/20

In: -698.902+/-1019.148 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1011.300+/-713.217 χ^2/NDF : 19.1/20

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: 1489.596+/-0.706 χ^2/NDF : 3723263.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

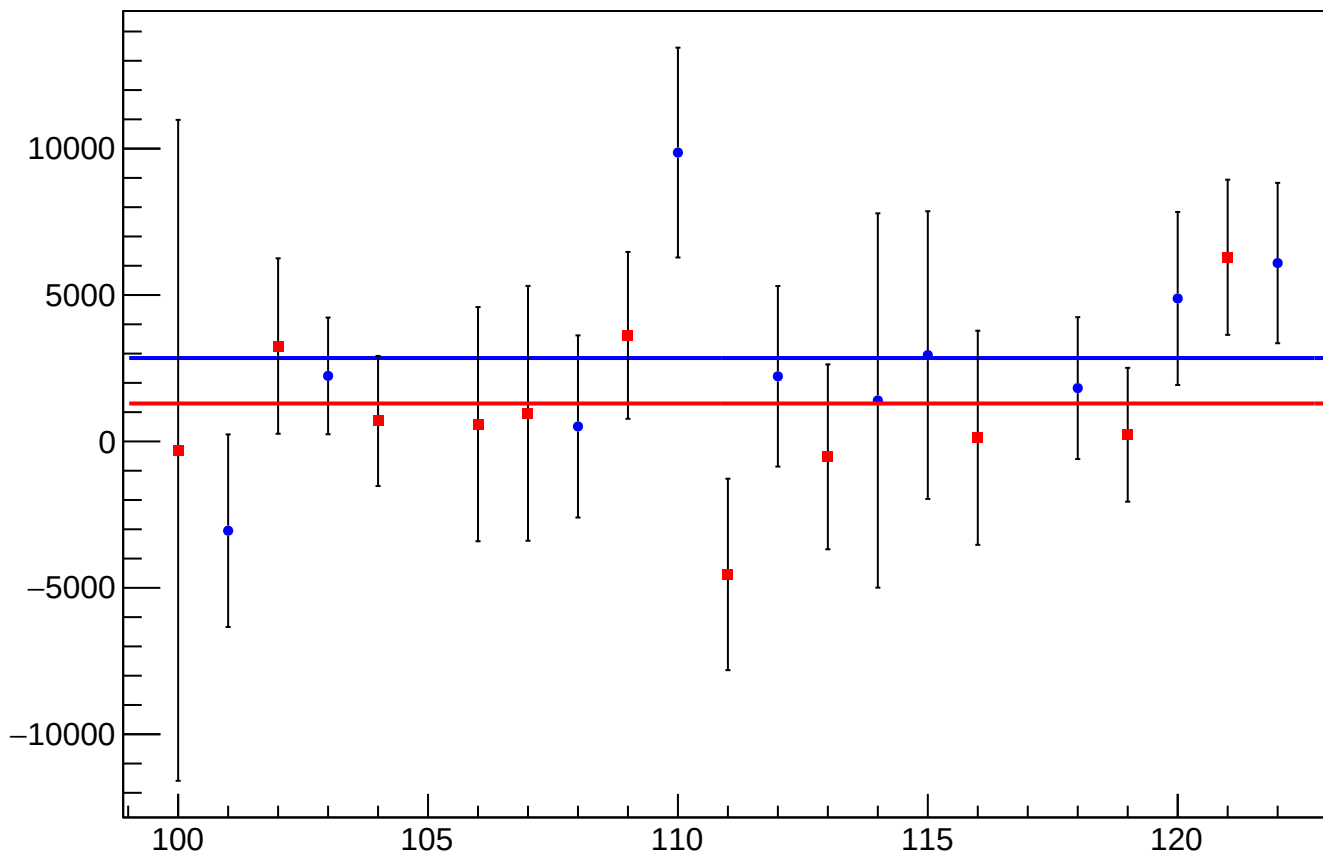
Right: 1485.868+/-0.504 χ^2/NDF : 7650342.6/20

In: 1481.984+/-0.721 χ^2/NDF : 3927021.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.868+/-0.504 χ^2/NDF : 7650342.6/20

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: 1296.376+/-927.187 χ^2/NDF : 8.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

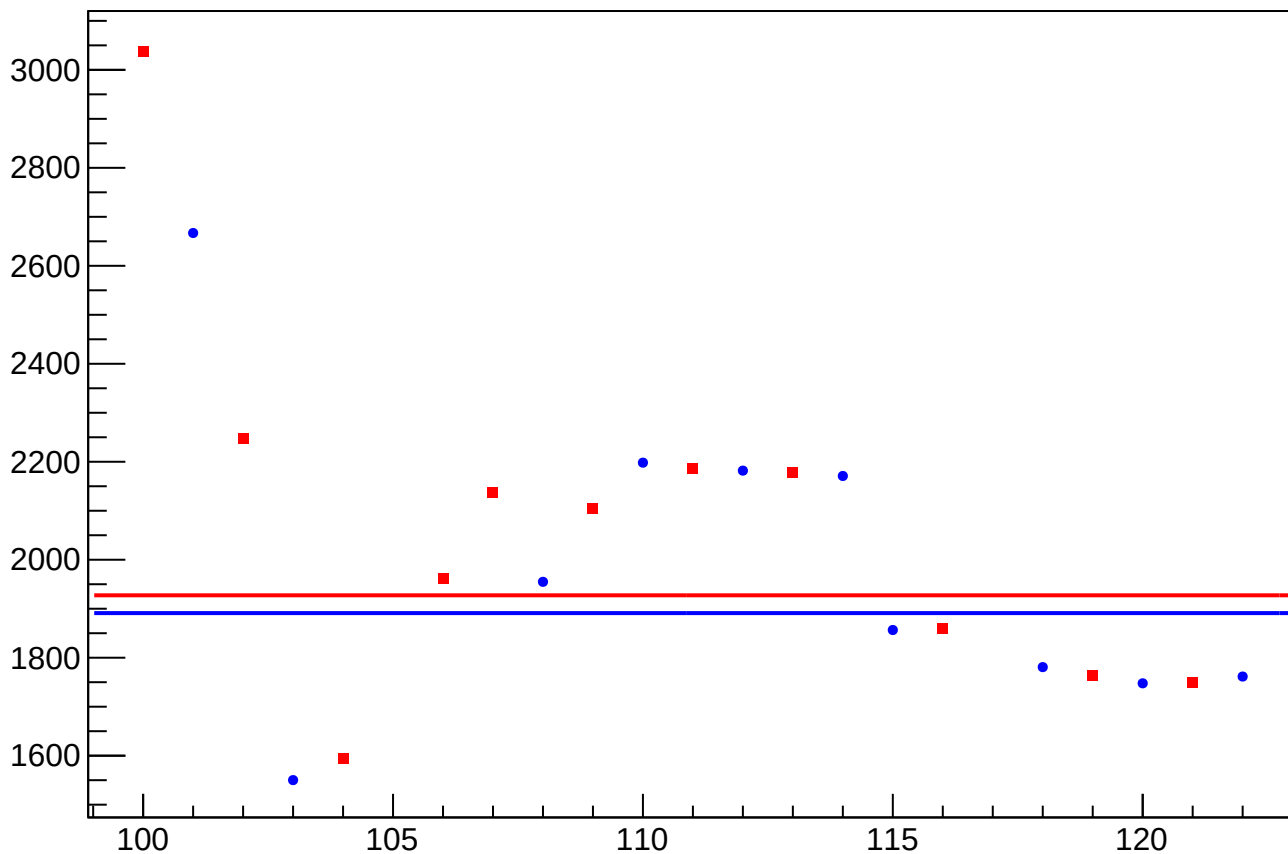
Right: 2055.941+/-662.555 χ^2/NDF : 19.8/20

In: 2848.513+/-947.119 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2055.941+/-662.555 χ^2/NDF : 19.8/20

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: 1927.399+/-0.653 χ^2/NDF : 144529.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

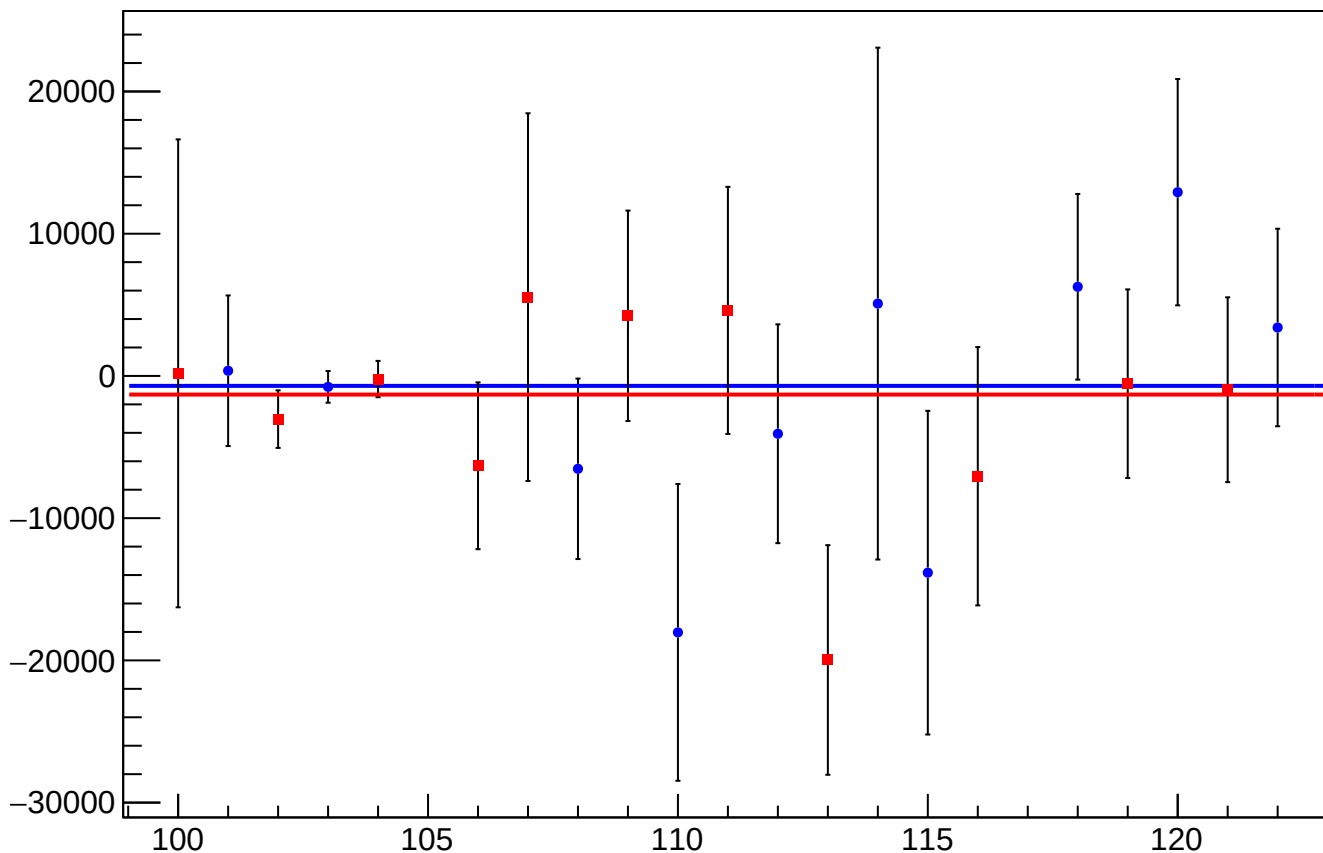
Right: 1909.683+/-0.468 χ^2/NDF : 366424.0/20

In: 1891.063+/-0.670 χ^2/NDF : 220386.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.683+/-0.468 χ^2/NDF : 366424.0/20

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: -1311.140+/-998.454 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

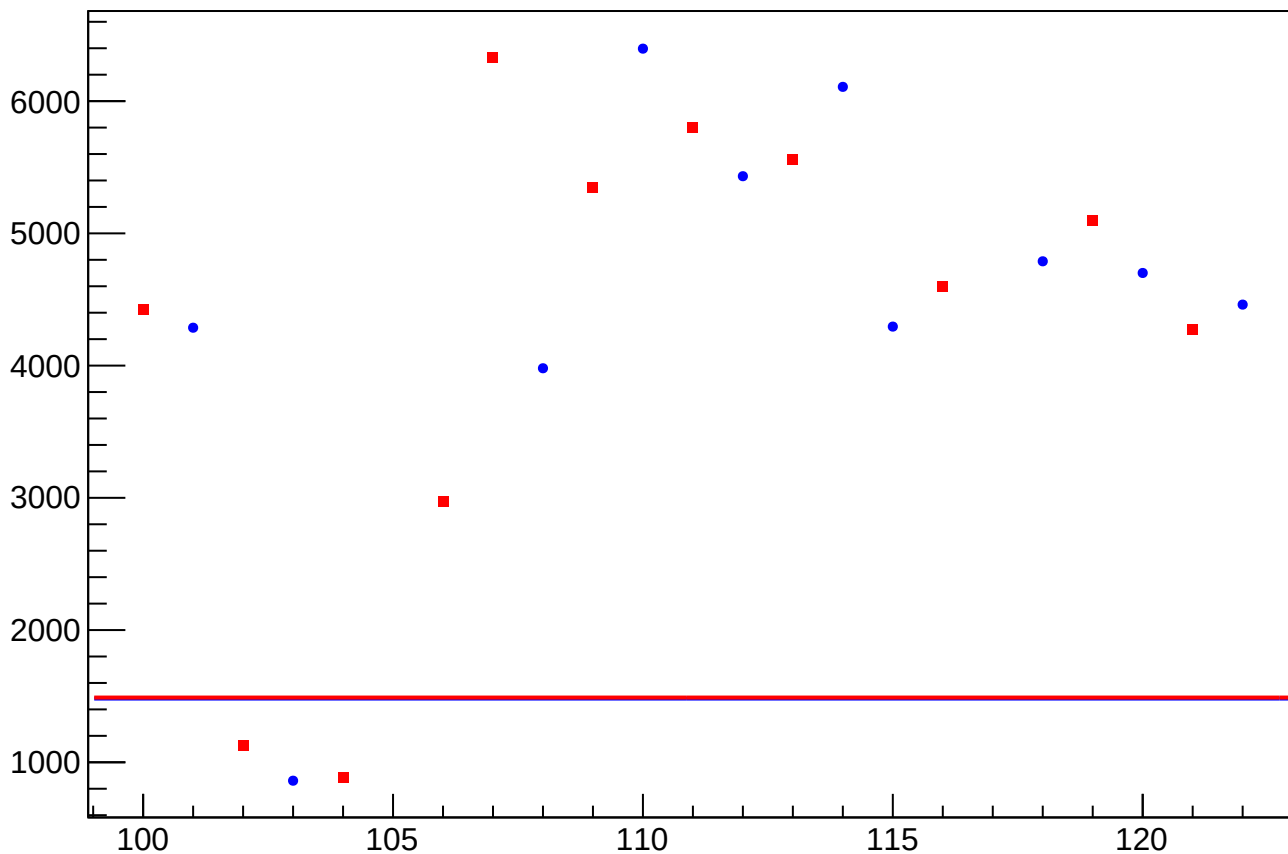
Right: -1011.300+/-713.217 χ^2/NDF : 19.1/20

In: -698.902+/-1019.148 χ^2/NDF :9.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1011.300+/-713.217 χ^2/NDF : 19.1/20

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: 1489.596+/-0.706 χ^2/NDF : 3723263.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

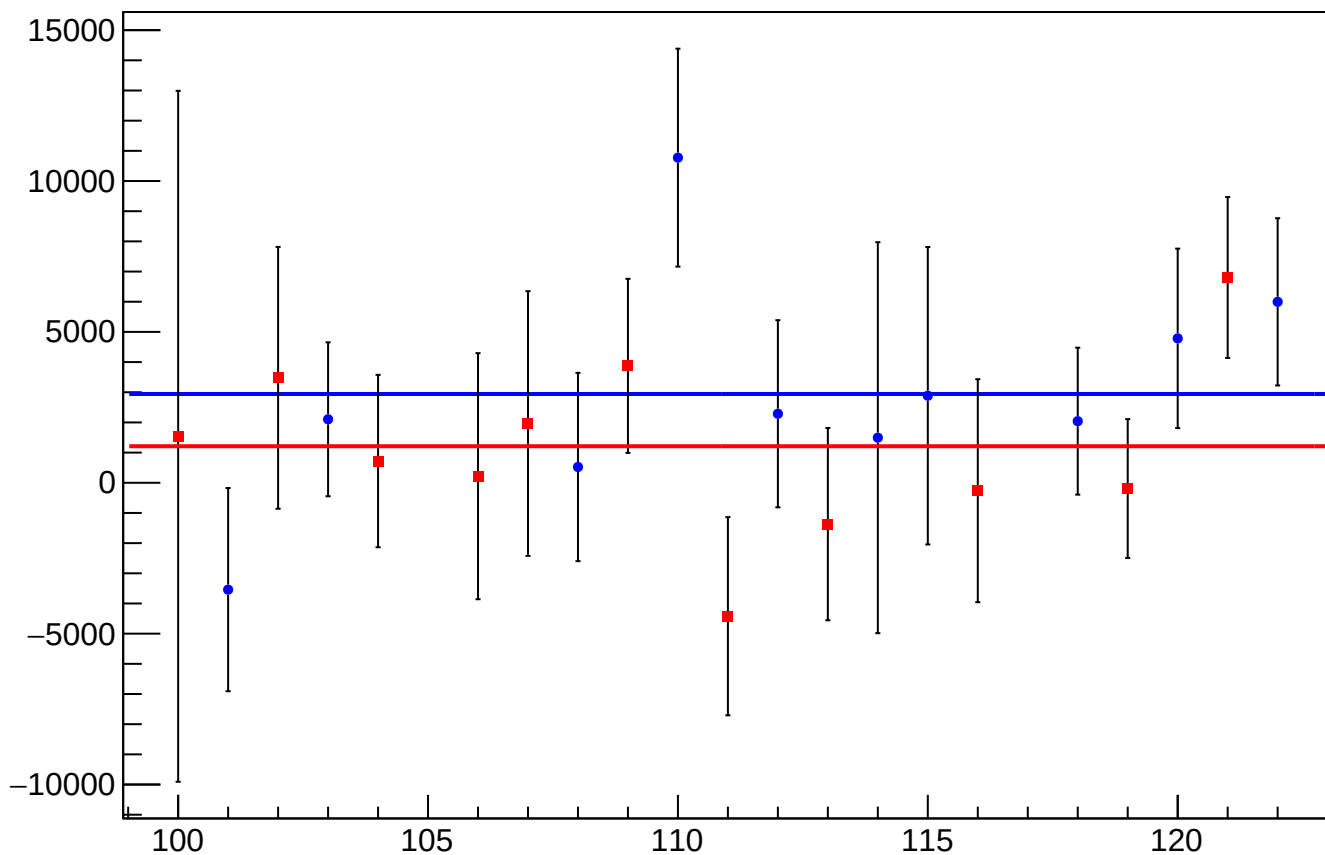
Right: 1485.868+/-0.504 χ^2/NDF : 7650342.6/20

In: 1481.984+/-0.721 χ^2/NDF : 3927021.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.868+/-0.504 χ^2/NDF : 7650342.6/20

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: 1210.911+/-995.184 χ^2/NDF : 9.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

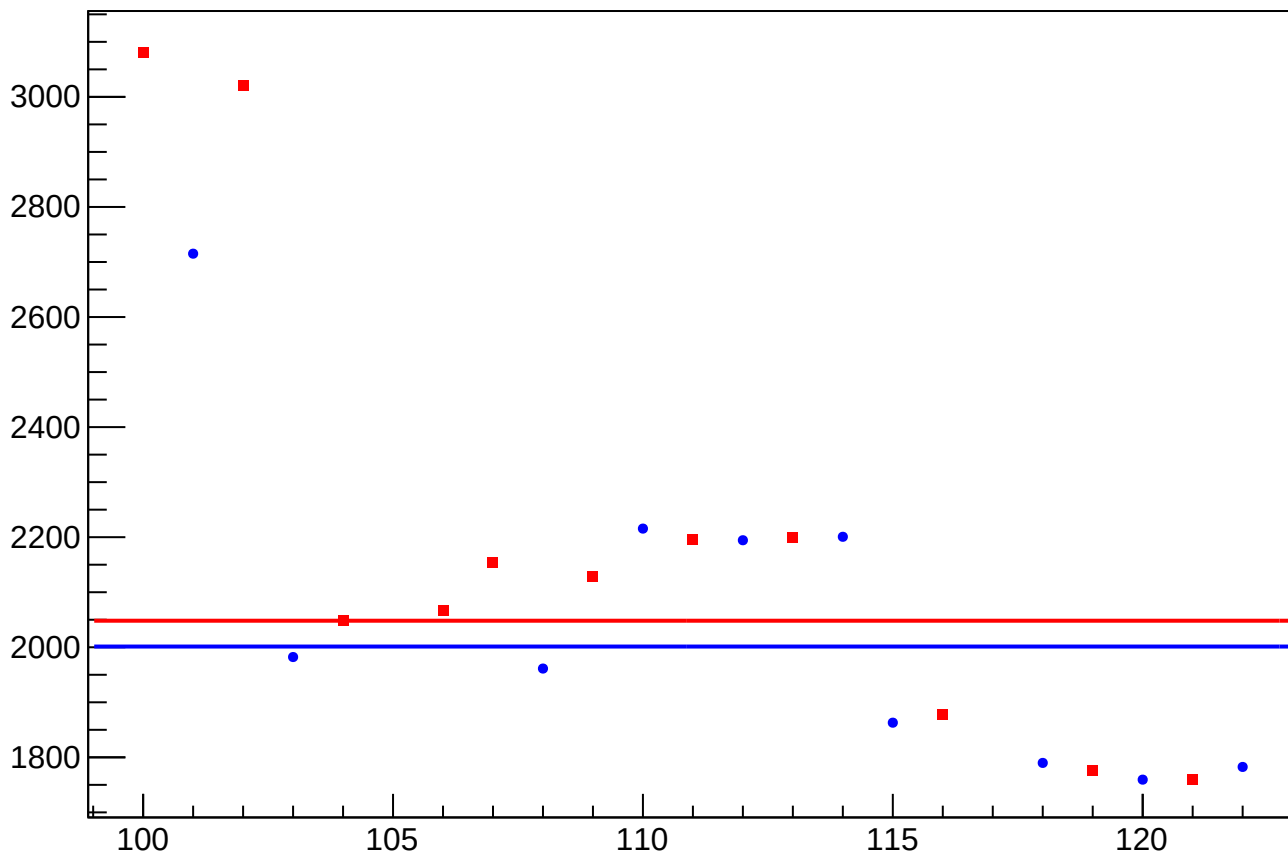
Right: 2073.605+/-705.015 χ^2/NDF : 22.2/20

In: 2942.770+/-998.909 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2073.605+/-705.015 χ^2/NDF : 22.2/20

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: 2048.230+/-0.703 χ^2/NDF : 183549.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

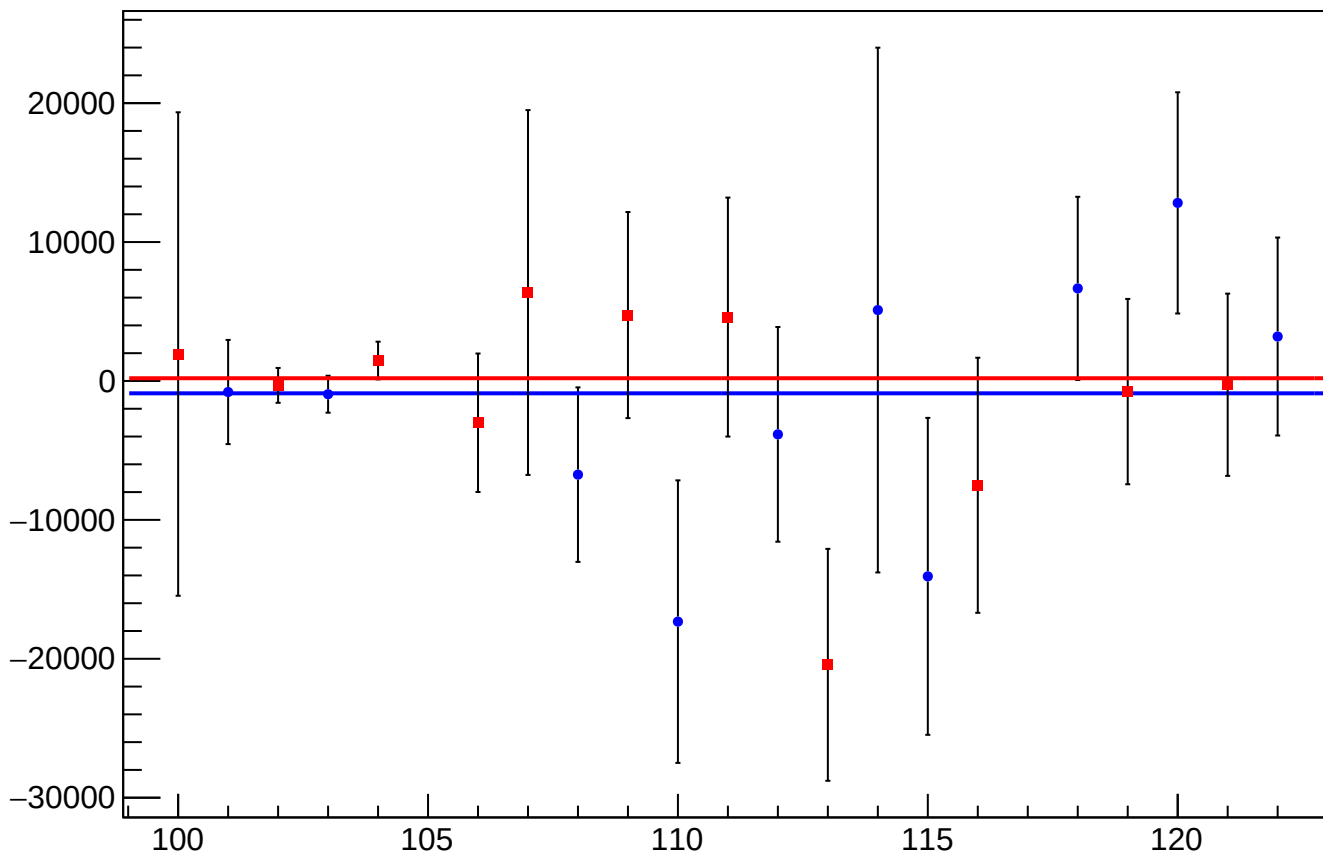
Right: 2024.894+/-0.498 χ^2/NDF : 335130.6/20

In: 2001.309+/-0.706 χ^2/NDF :149363.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2024.894+/-0.498 χ^2/NDF : 335130.6/20

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: 196.656+/-866.771 χ^2/NDF : 9.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

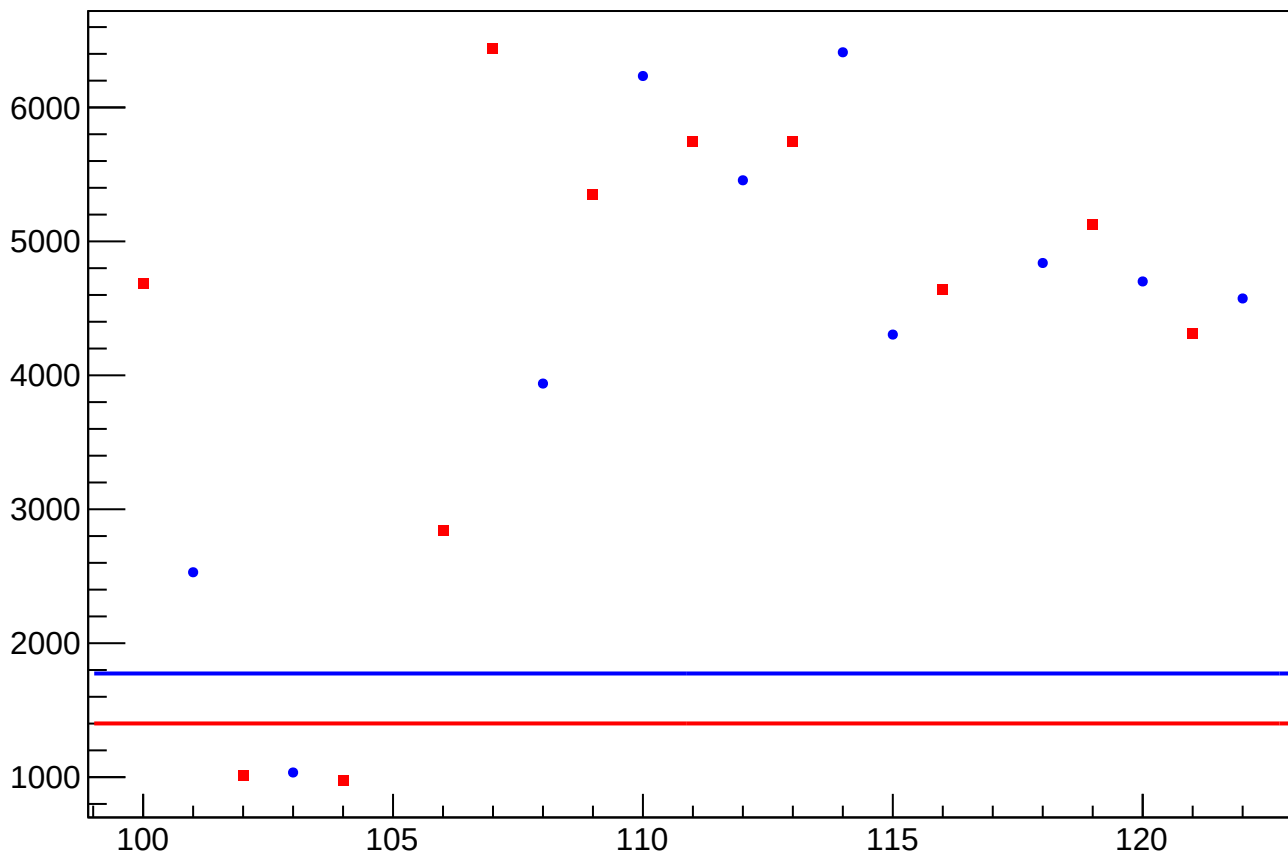
Right: -196.881+/-692.068 χ^2/NDF : 19.4/20

In: -889.002+/-1149.482 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -196.881+/-692.068 χ^2/NDF : 19.4/20

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: 1400.908+/-0.613 χ^2/NDF : 3812087.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

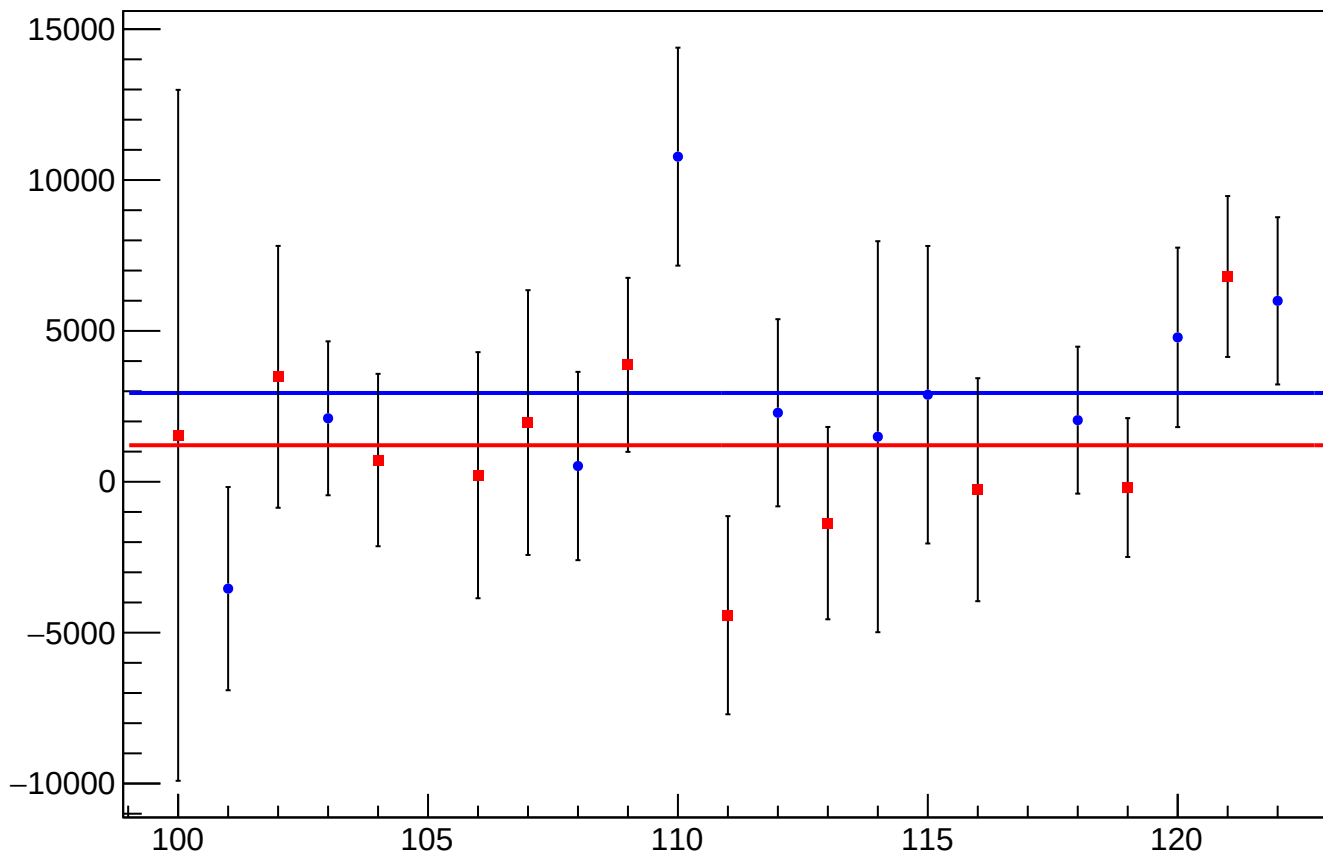
Right: 1536.130+/-0.489 χ^2/NDF : 6951166.3/20

In: 1773.947+/-0.813 χ^2/NDF :3004794.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1536.130+/-0.489 χ^2/NDF : 6951166.3/20

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: 1210.916+/-995.183 χ^2/NDF : 9.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

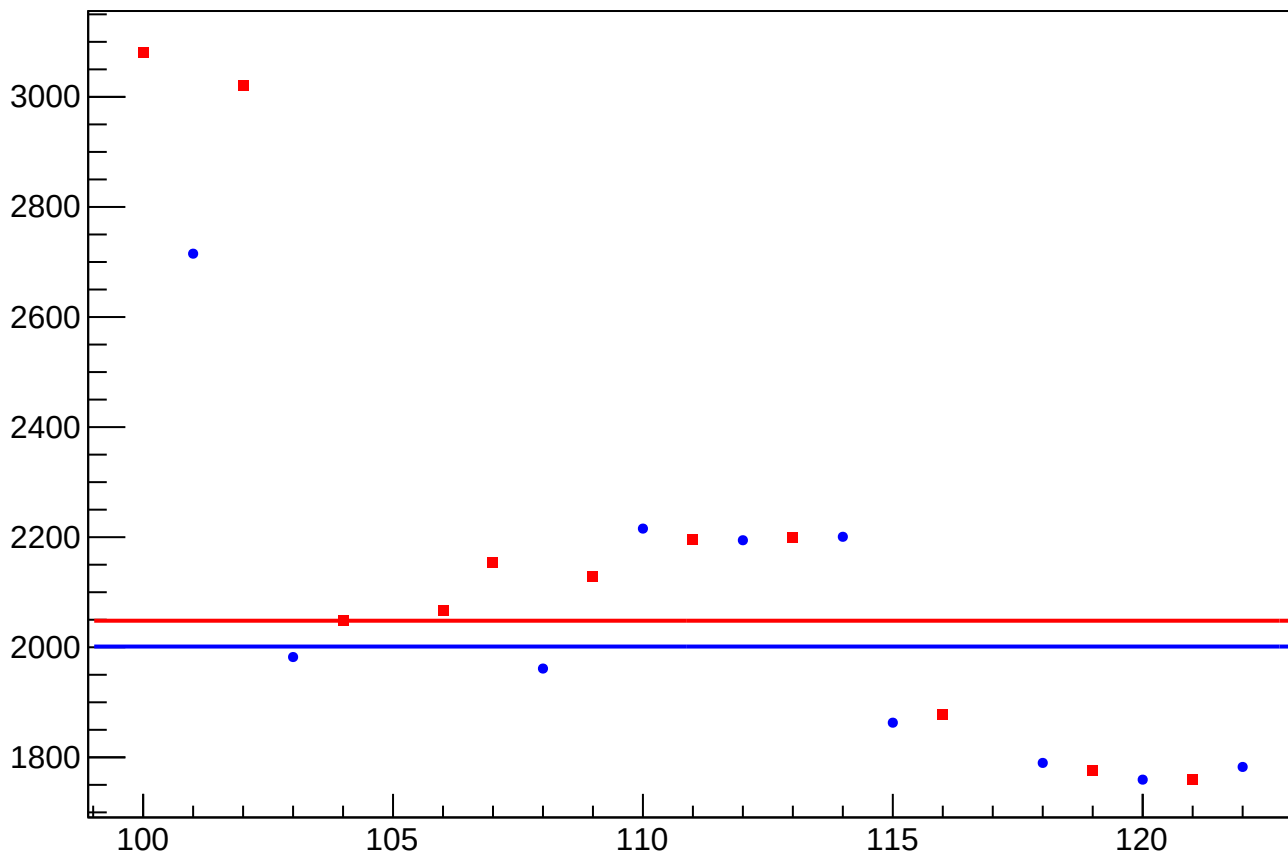
Right: 2073.602+/-705.014 χ^2/NDF : 22.2/20

In: 2942.758+/-998.909 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2073.602+/-705.014 χ^2/NDF : 22.2/20

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: 2048.229+/-0.703 χ^2/NDF : 183548.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

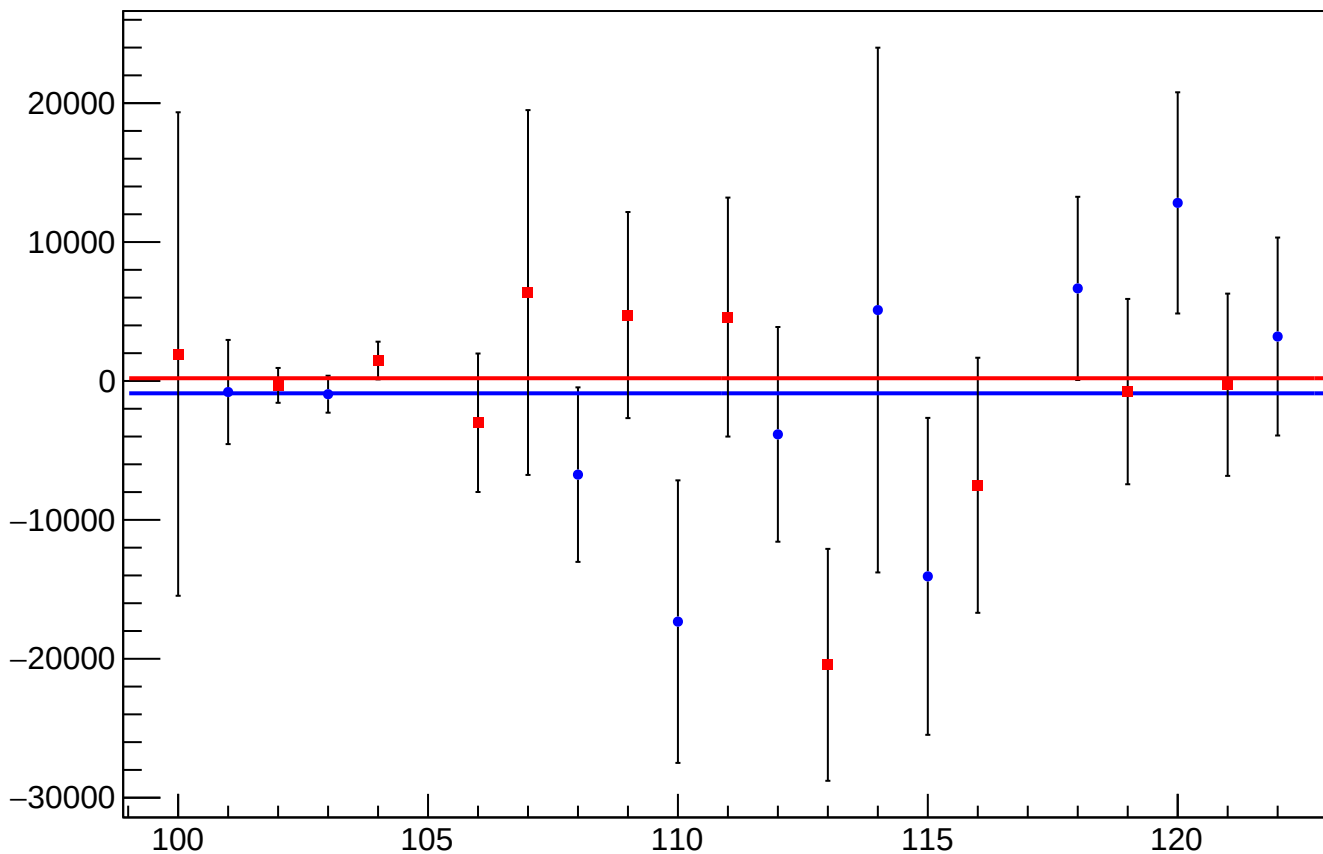
Right: 2024.893+/-0.498 χ^2/NDF : 335130.1/20

In: 2001.308+/-0.706 χ^2/NDF :149363.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2024.893+/-0.498 χ^2/NDF : 335130.1/20

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: 196.650+/-866.770 χ^2/NDF : 9.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

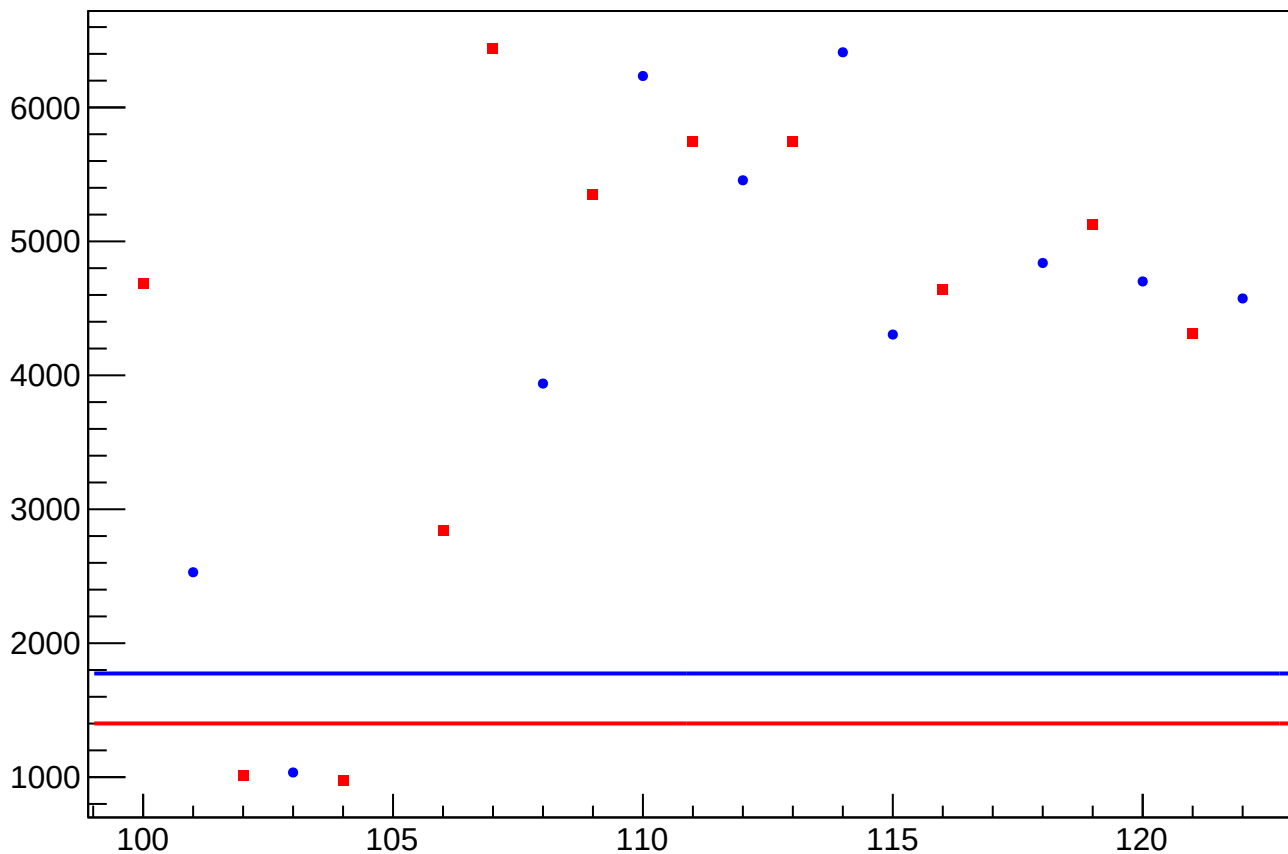
Right: -196.886+/-692.067 χ^2/NDF : 19.4/20

In: -889.004+/-1149.481 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -196.886+/-692.067 χ^2/NDF : 19.4/20

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: 1400.908+/-0.613 χ^2/NDF : 3812082.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

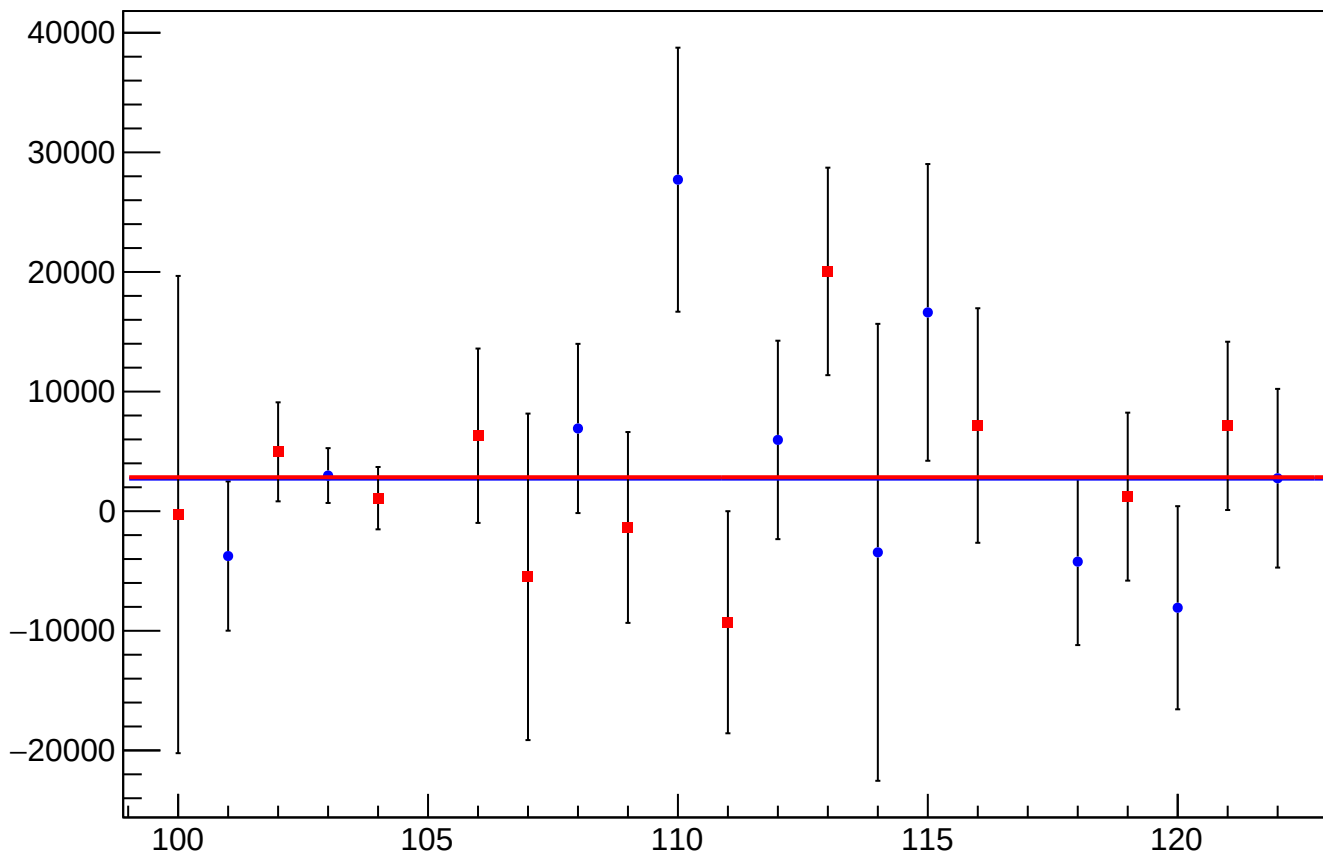
Right: 1536.130+/-0.489 χ^2/NDF : 6951155.6/20

In: 1773.947+/-0.813 χ^2/NDF :3004789.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1536.130+/-0.489 χ^2/NDF : 6951155.6/20

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: 2839.462+/-1757.510 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

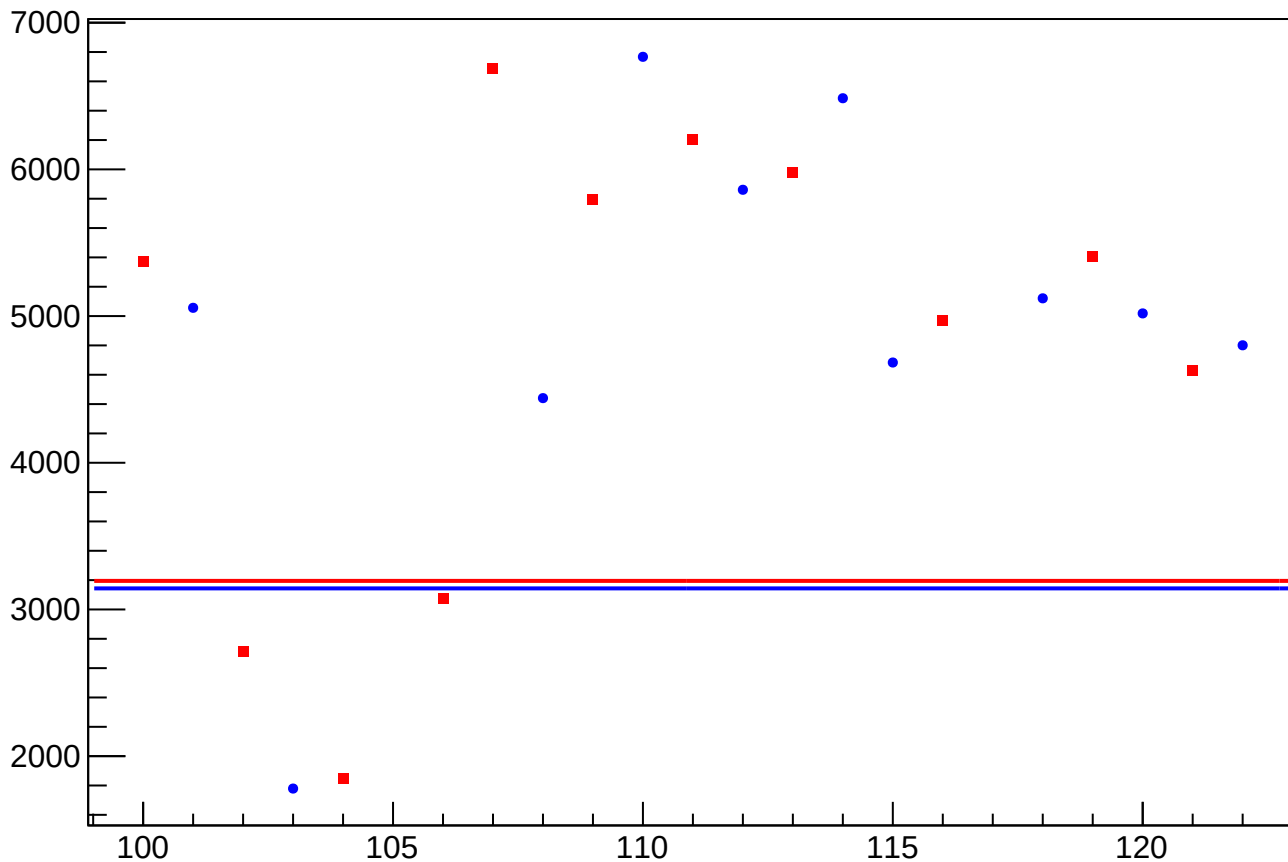
Right: 2781.926+/-1246.011 χ^2/NDF : 18.6/20

In: 2723.780+/-1766.779 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2781.926+/-1246.011 χ^2/NDF : 18.6/20

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: 3194.748+/-1.227 χ^2/NDF : 1690047.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

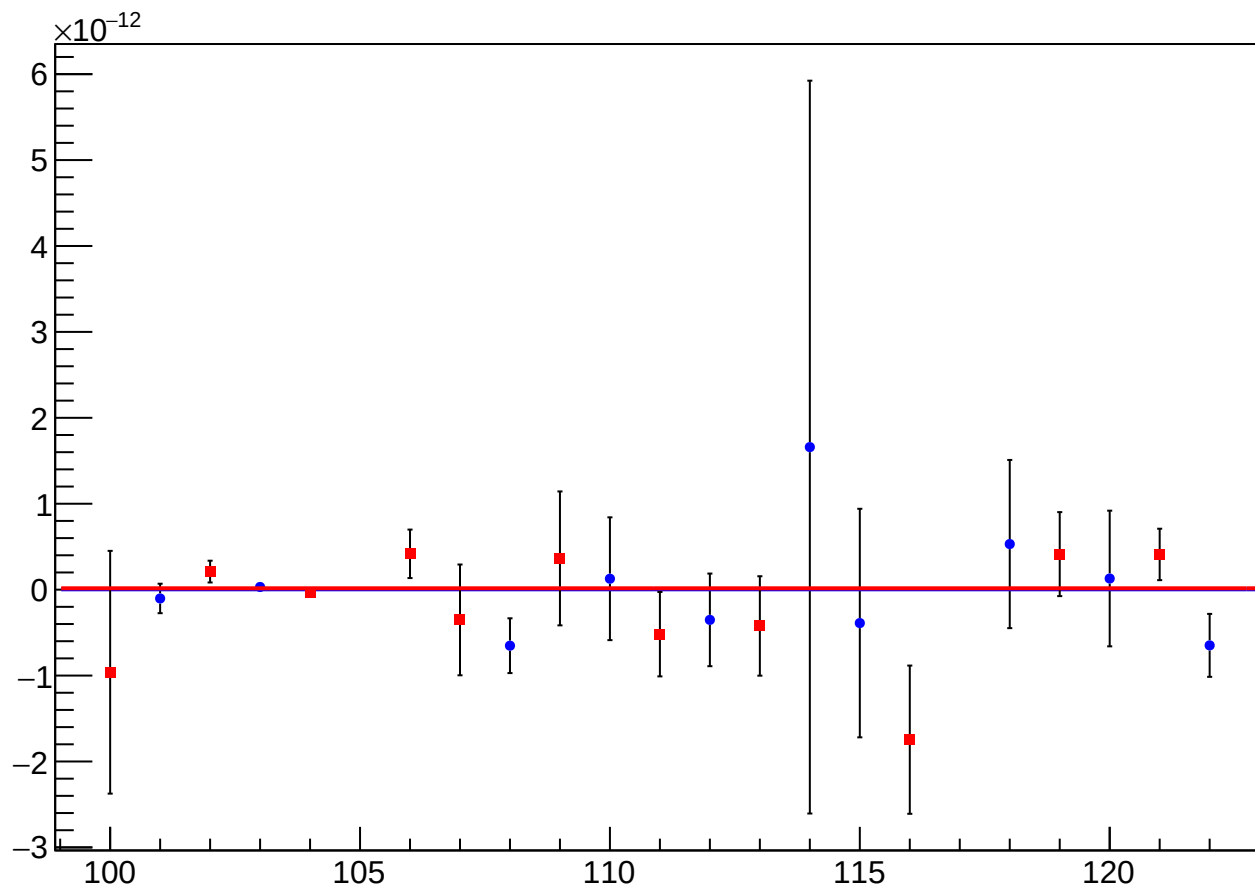
Right: 3169.639+/-0.875 χ^2/NDF : 3533745.3/20

In: 3143.605+/-1.249 χ^2/NDF :1842844.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3169.639+/-0.875 χ^2/NDF : 3533745.3/20

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 : 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

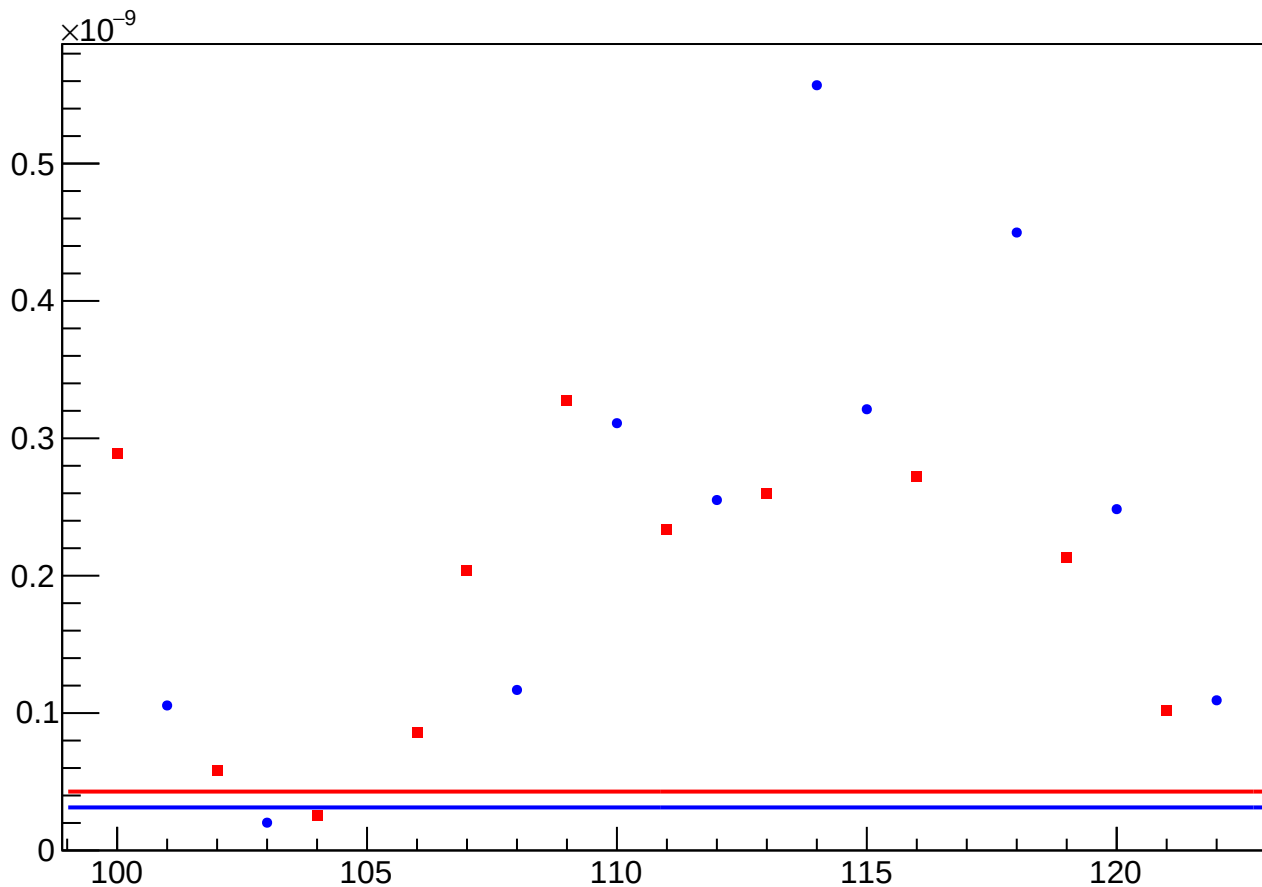
Right: 0.000+/-0.000 χ^2/NDF : 23.8/20

In: 0.000+/-0.000 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.8/20

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 : 1765633.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

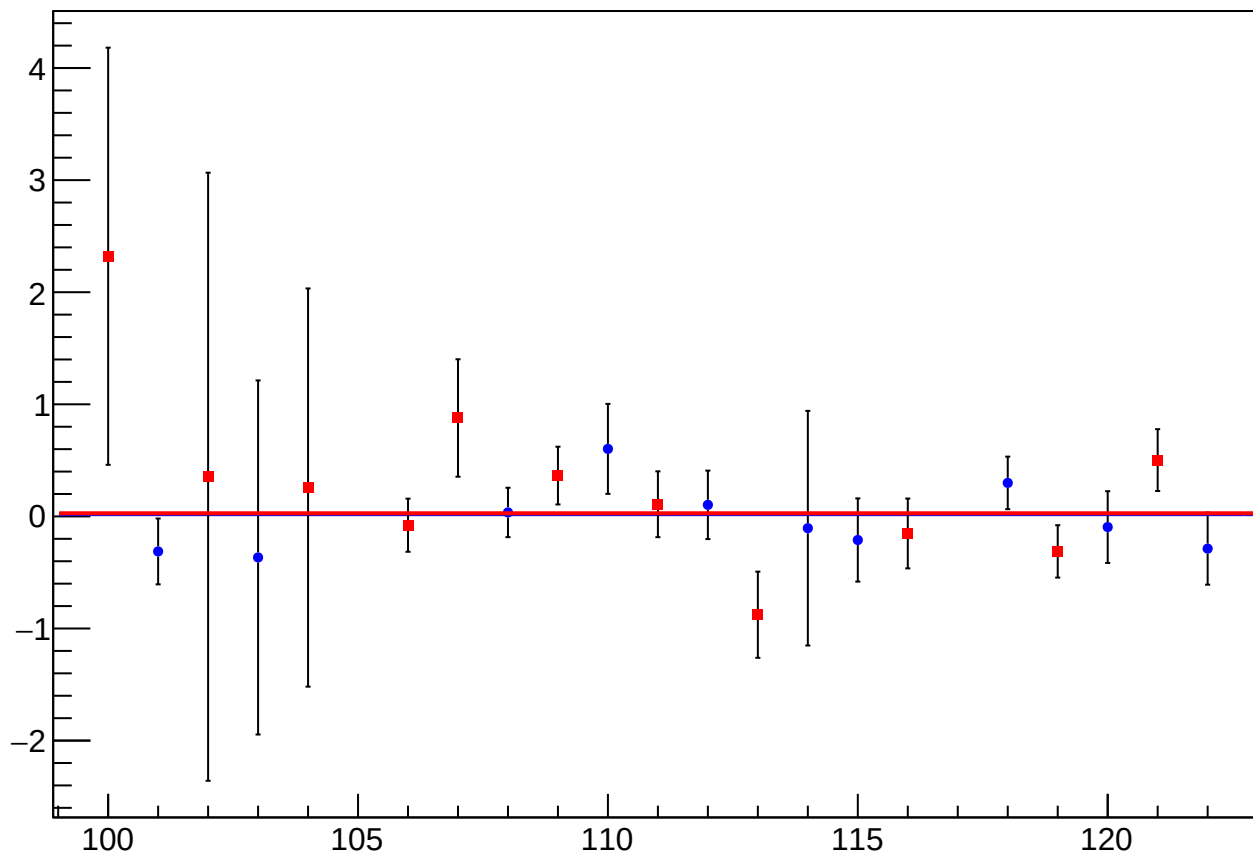
Right: 0.000+/-0.000 χ^2/NDF : 3874000.4/20

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 : 3874000.4/20

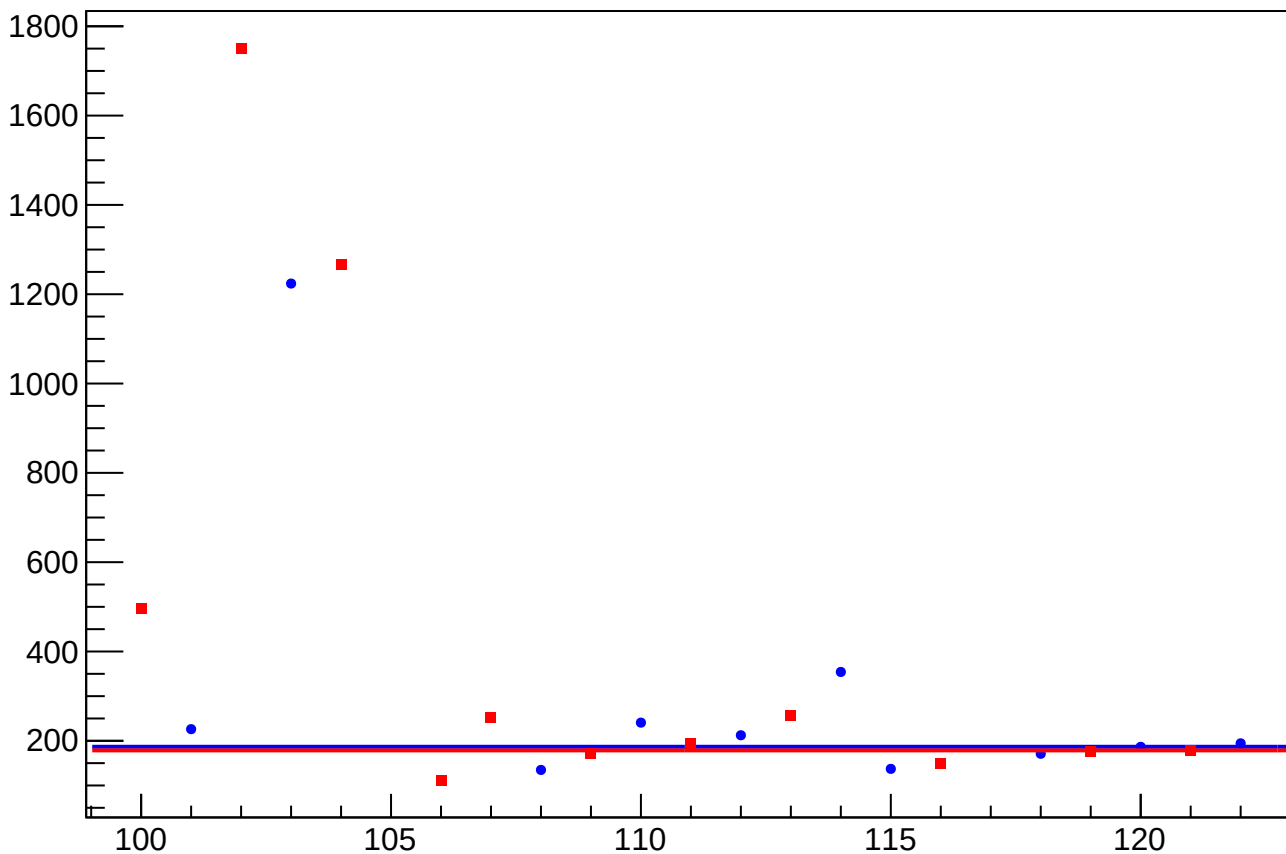
asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: 0.028+/-0.101 χ^2/NDF : 17.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.024+/-0.072 χ^2/NDF : 23.5/20
 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 : 23.5/20

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: 178.599+/-0.072 χ^2/NDF : 1791259.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

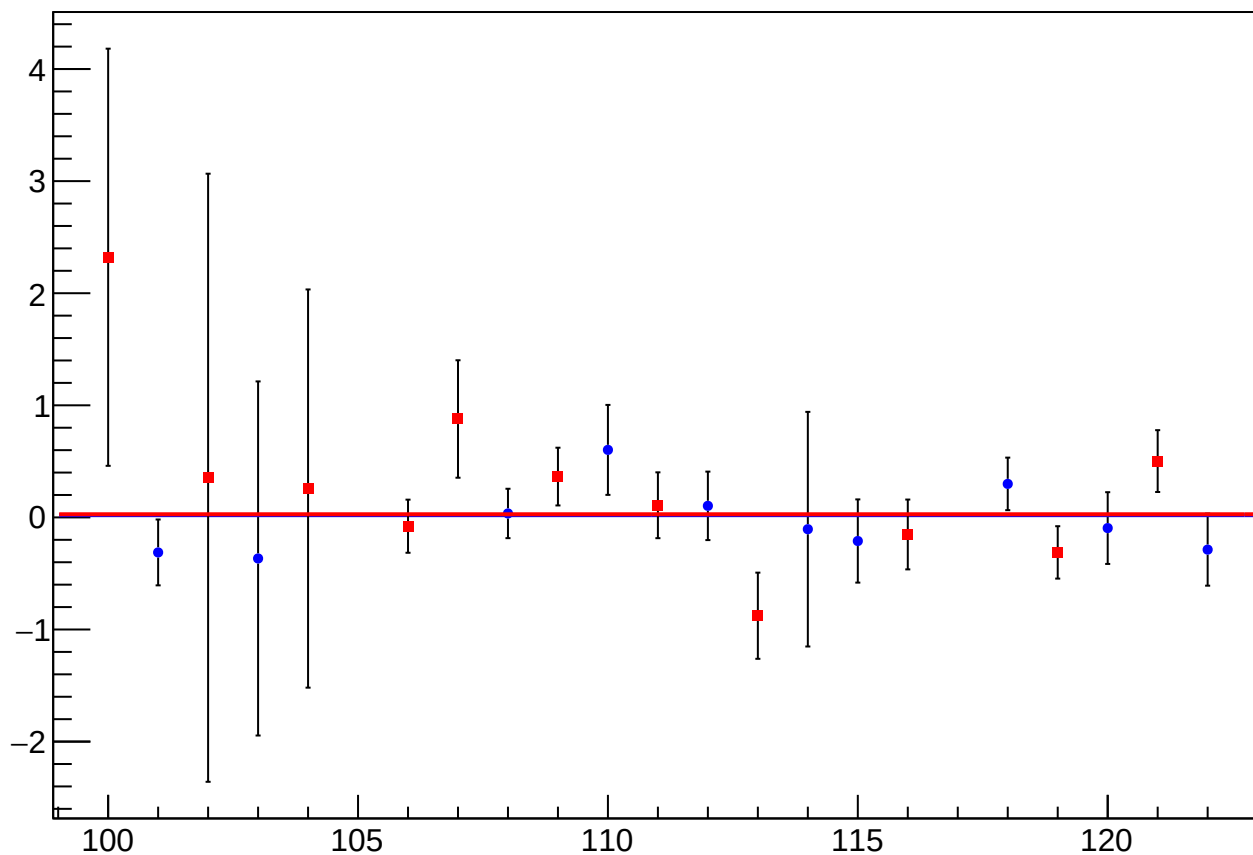
Right: 182.576+/-0.051 χ^2/NDF : 2954214.4/20

In: 186.639+/-0.072 χ^2/NDF : 1156726.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.576+/-0.051 χ^2/NDF : 2954214.4/20

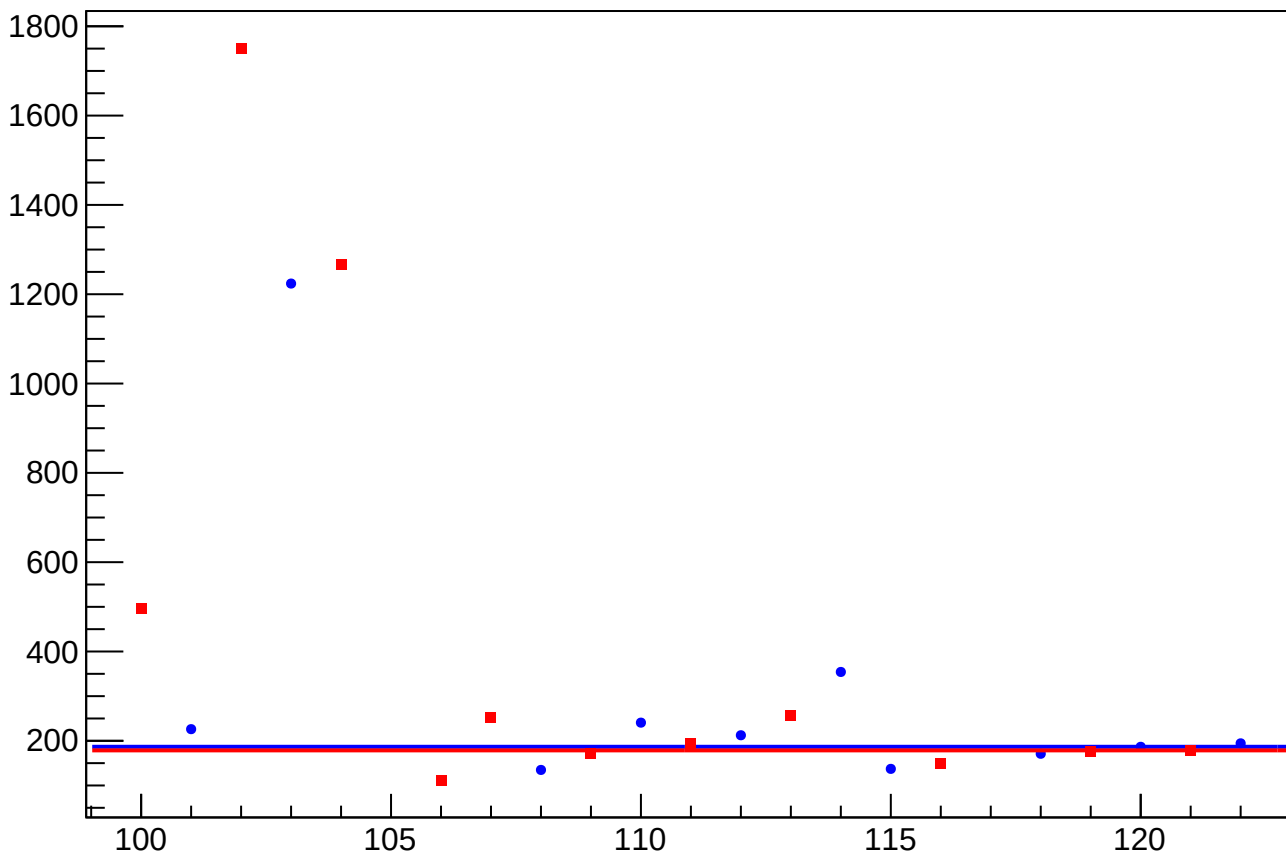
asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: 0.028+/-0.101 χ^2/NDF : 17.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.024+/-0.072 χ^2/NDF : 23.5/20
 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 : 23.5/20

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: 178.599+/-0.072 χ^2/NDF : 1791259.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

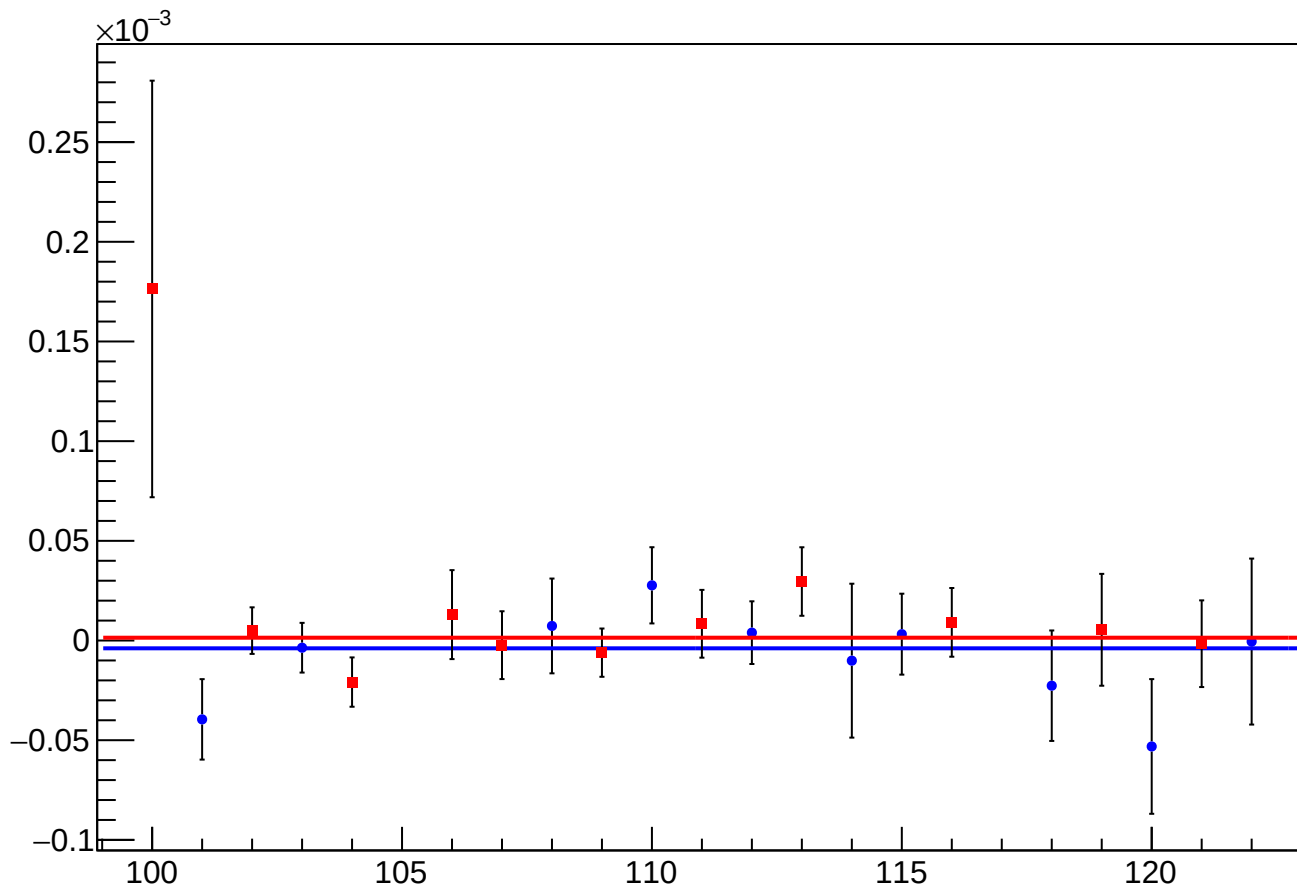
Right: 182.576+/-0.051 χ^2/NDF : 2954214.4/20

In: 186.639+/-0.072 χ^2/NDF : 1156726.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.576+/-0.051 χ^2/NDF : 2954214.4/20

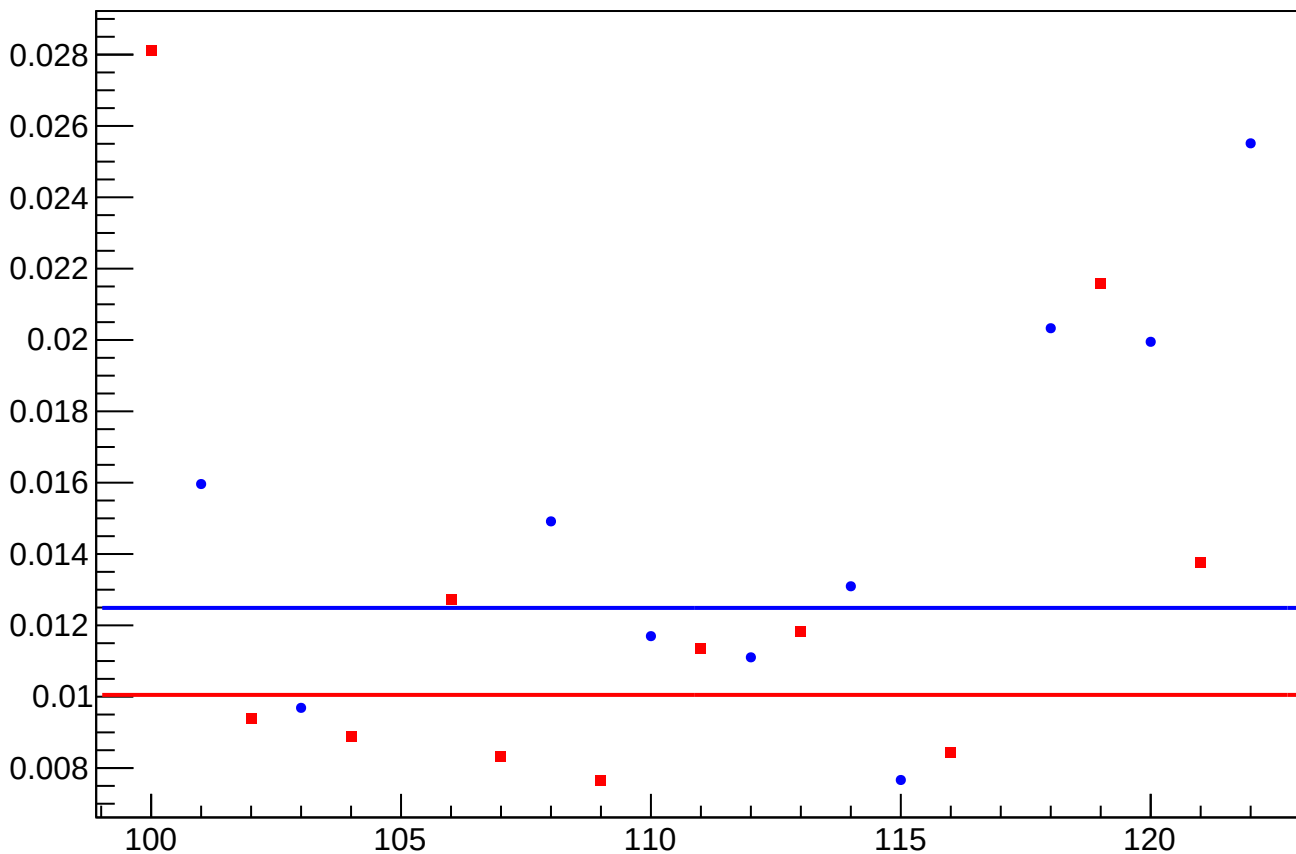
asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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: 9.9/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 19.4/20
 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: 19.4/20

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 : 657641.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

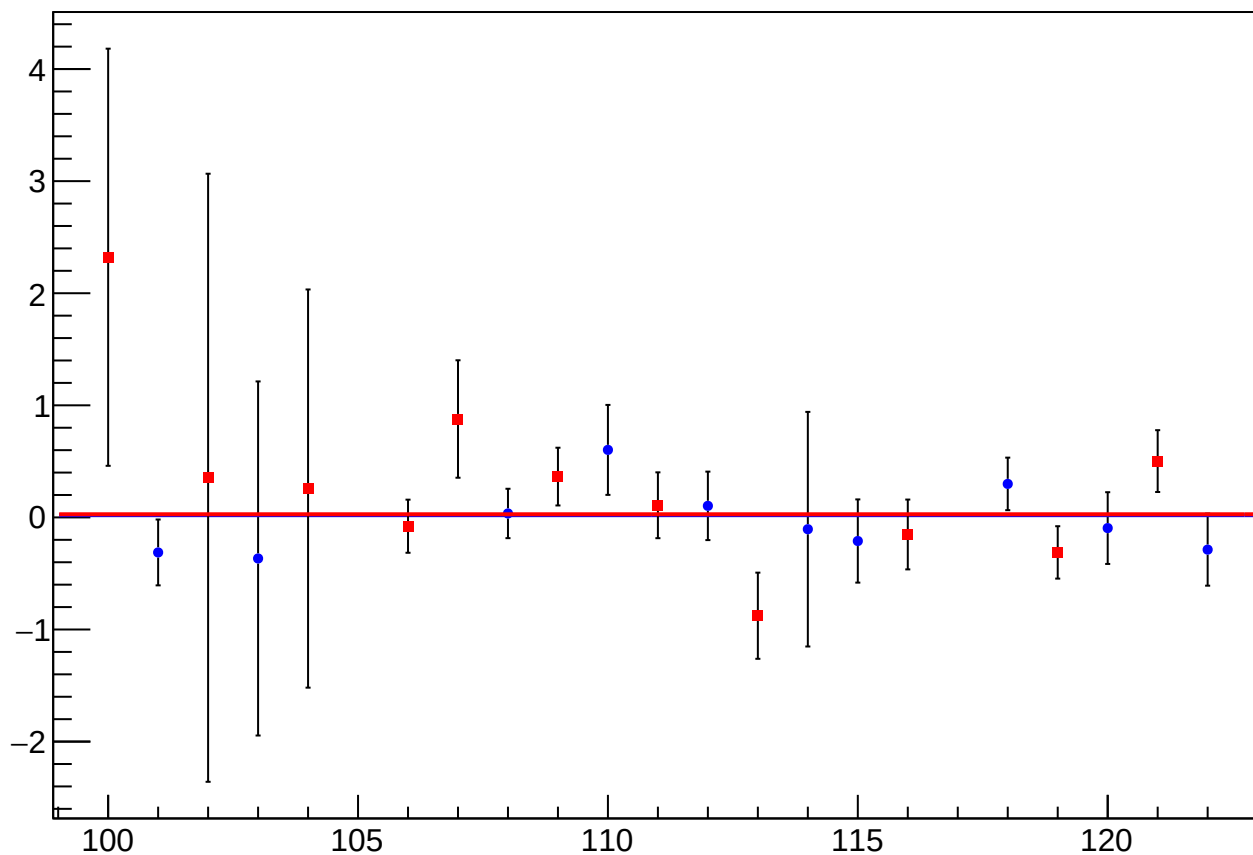
Right: 0.011+/-0.000 χ^2/NDF : 1599407.5/20

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 : 1599407.5/20

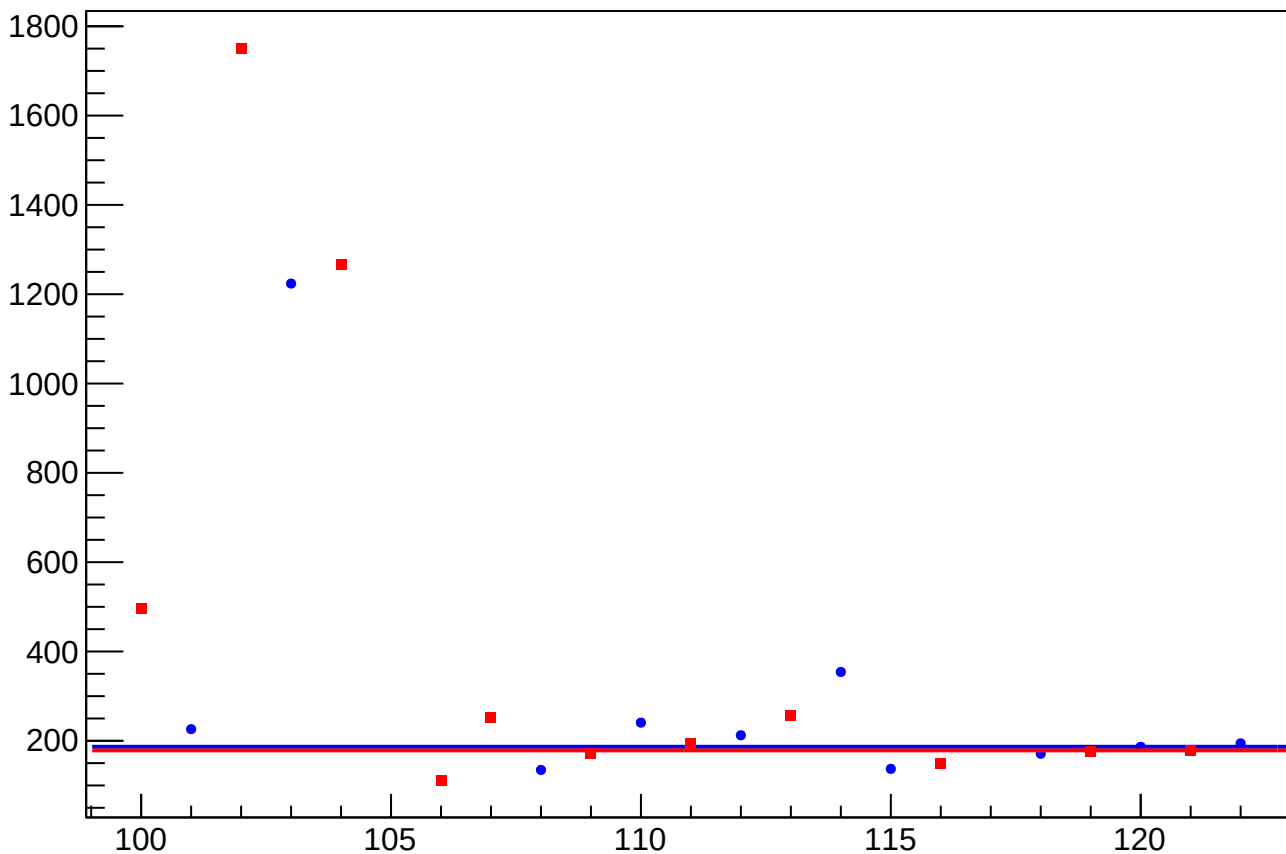
asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: 0.028+/-0.101 χ^2/NDF : 17.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.024+/-0.072 χ^2/NDF : 23.5/20
 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 : 23.5/20

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: 178.598+/-0.072 χ^2/NDF : 1791281.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

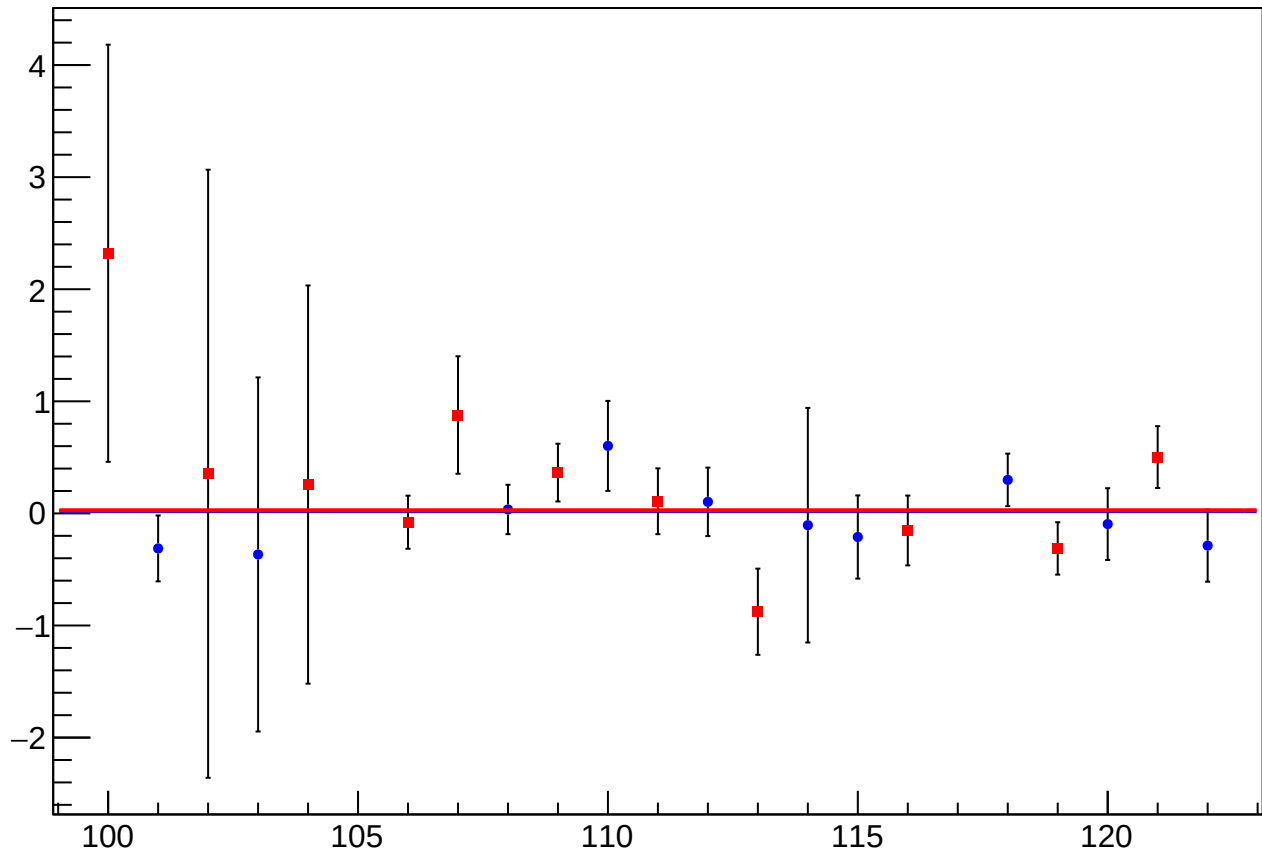
Right: 182.575+/-0.051 χ^2/NDF : 2954244.4/20

In: 186.637+/-0.072 χ^2/NDF : 1156735.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.575+/-0.051 χ^2/NDF : 2954244.4/20

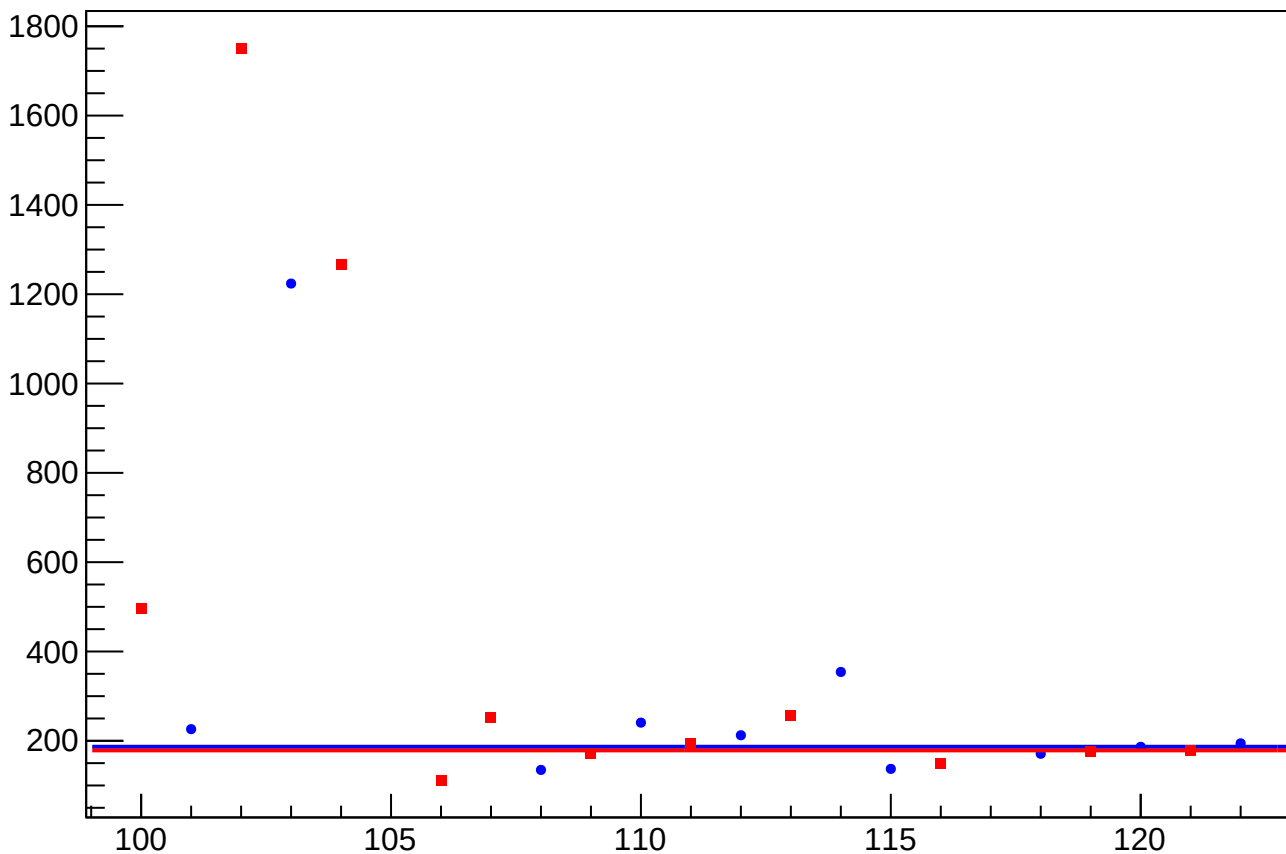
asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: 0.028+/-0.101 χ^2/NDF : 17.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.024+/-0.072 χ^2/NDF : 23.5/20
 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 : 23.5/20

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: 178.598+/-0.072 χ^2/NDF : 1791281.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

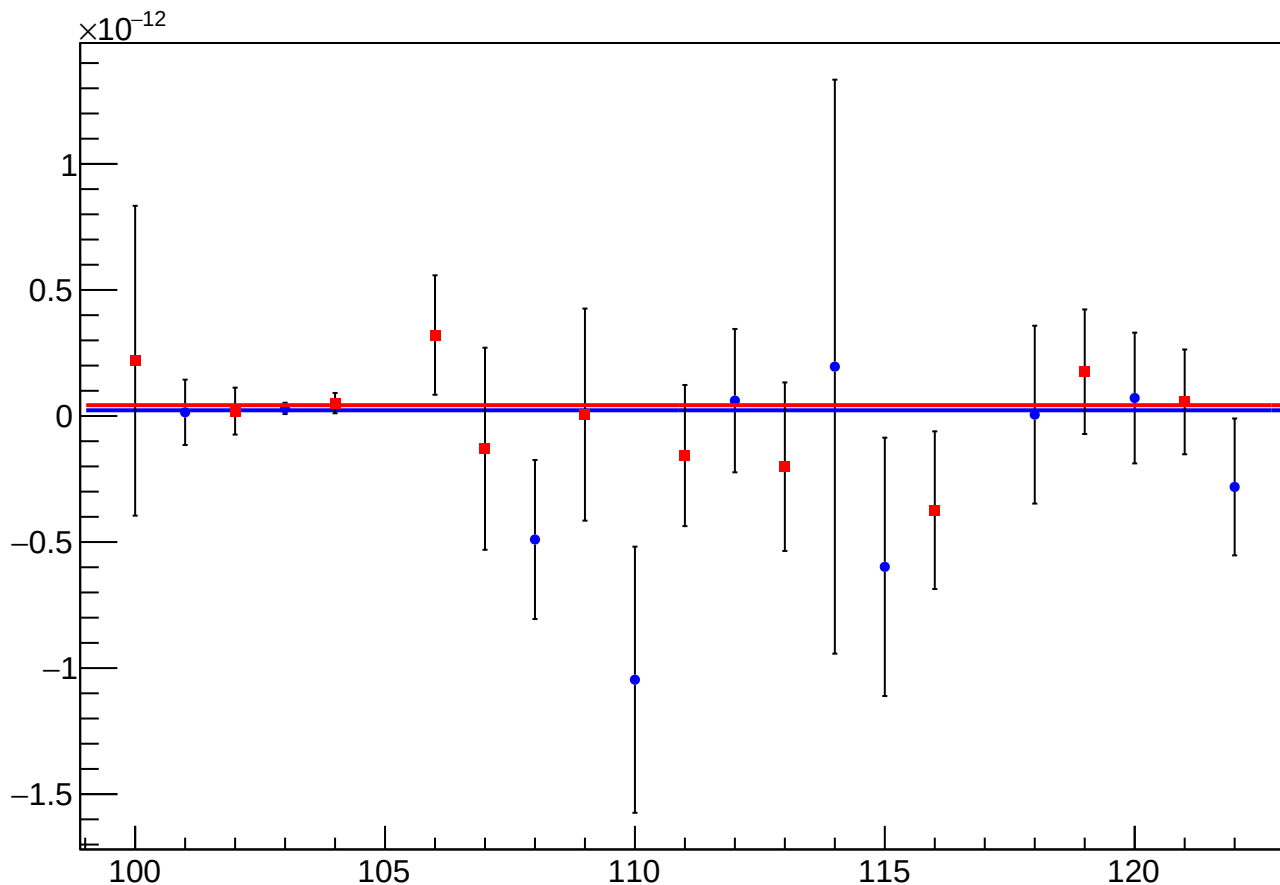
Right: 182.575+/-0.051 χ^2/NDF : 2954244.4/20

In: 186.637+/-0.072 χ^2/NDF :1156735.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.575+/-0.051 χ^2/NDF : 2954244.4/20

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 : 4.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

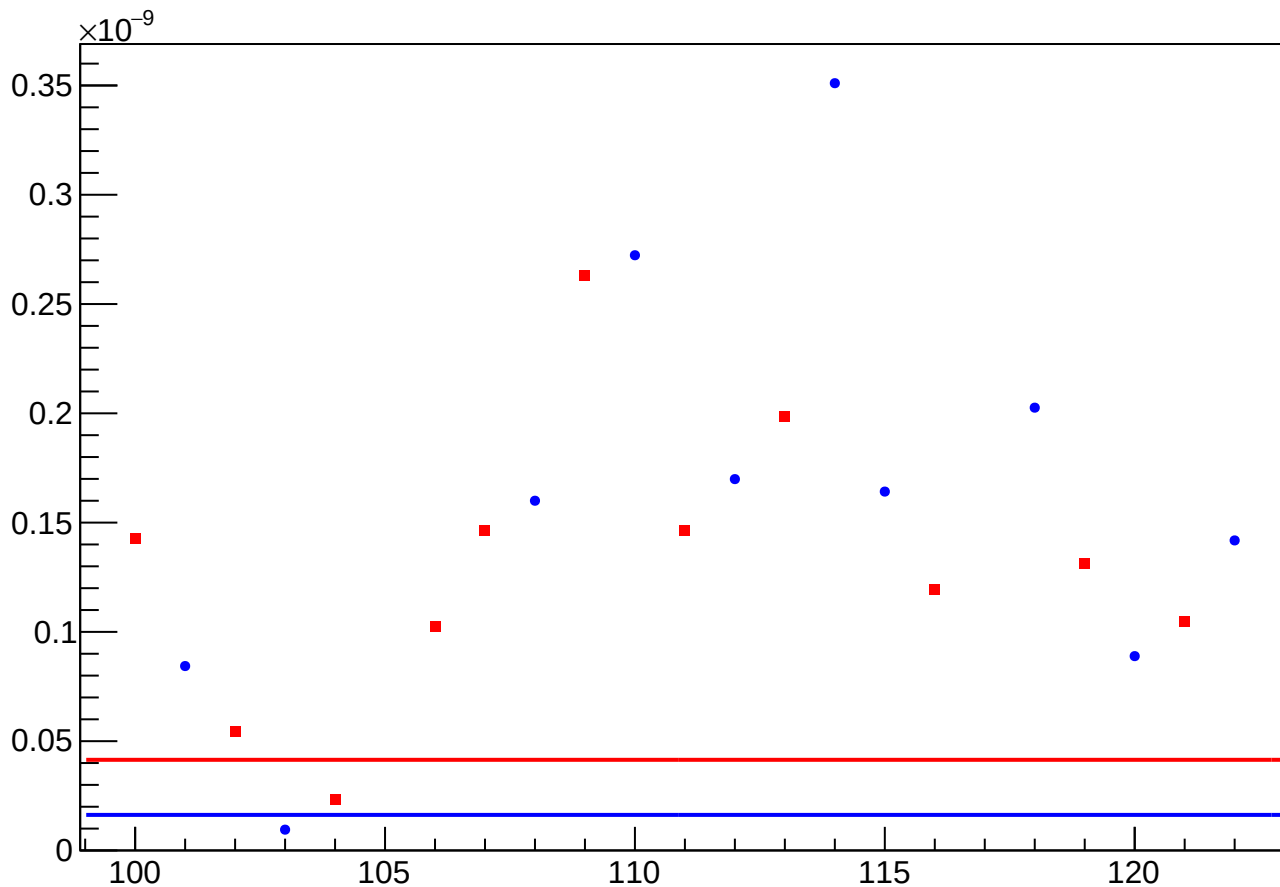
Right: 0.000+/-0.000 χ^2/NDF : 14.8/20

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 : 14.8/20

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 : 2626972.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

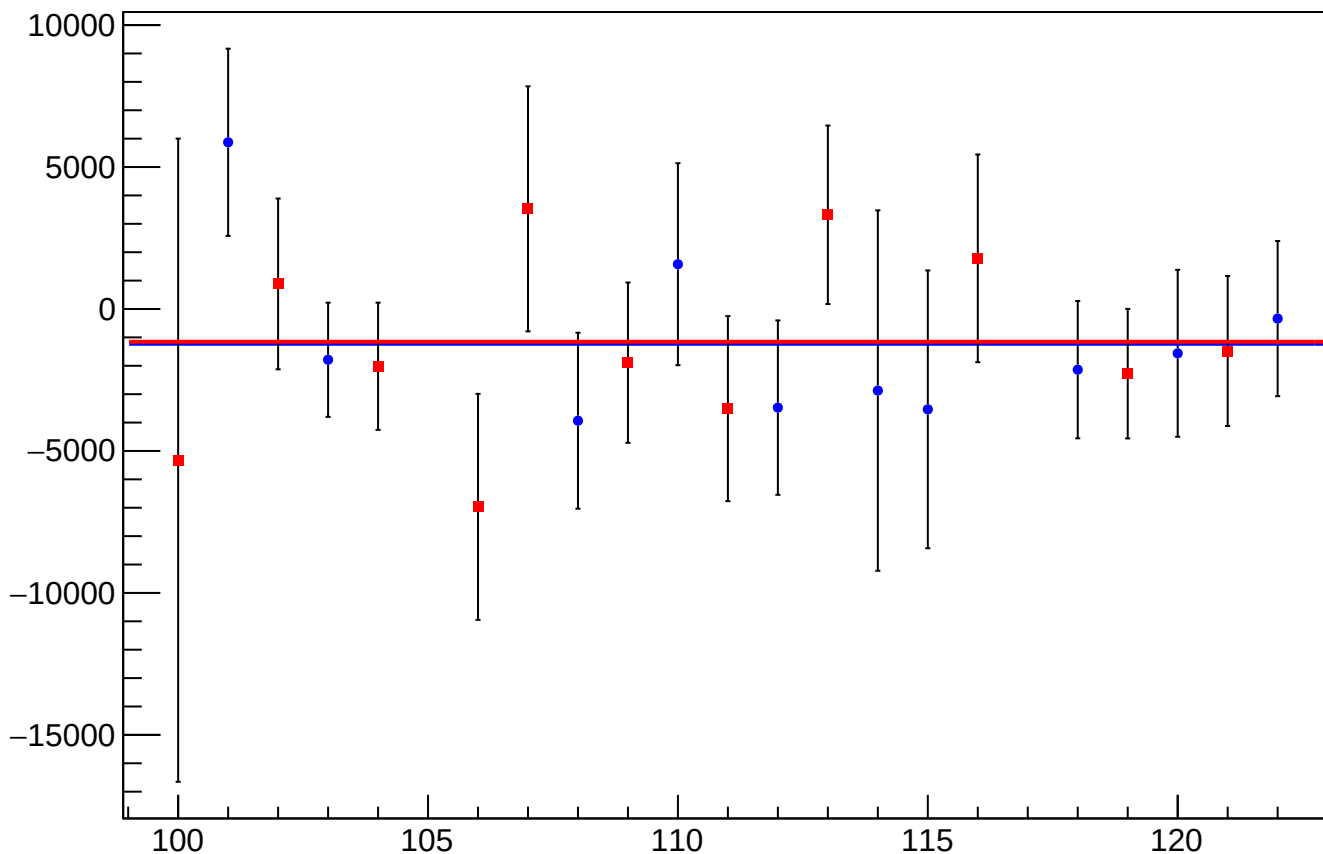
Right: 0.000+/-0.000 χ^2/NDF : 7072861.0/20

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 : 7072861.0/20

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1224.334+/-946.772 χ^2/NDF : 7.2/9

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

Right Out: -1153.710+/-926.329 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

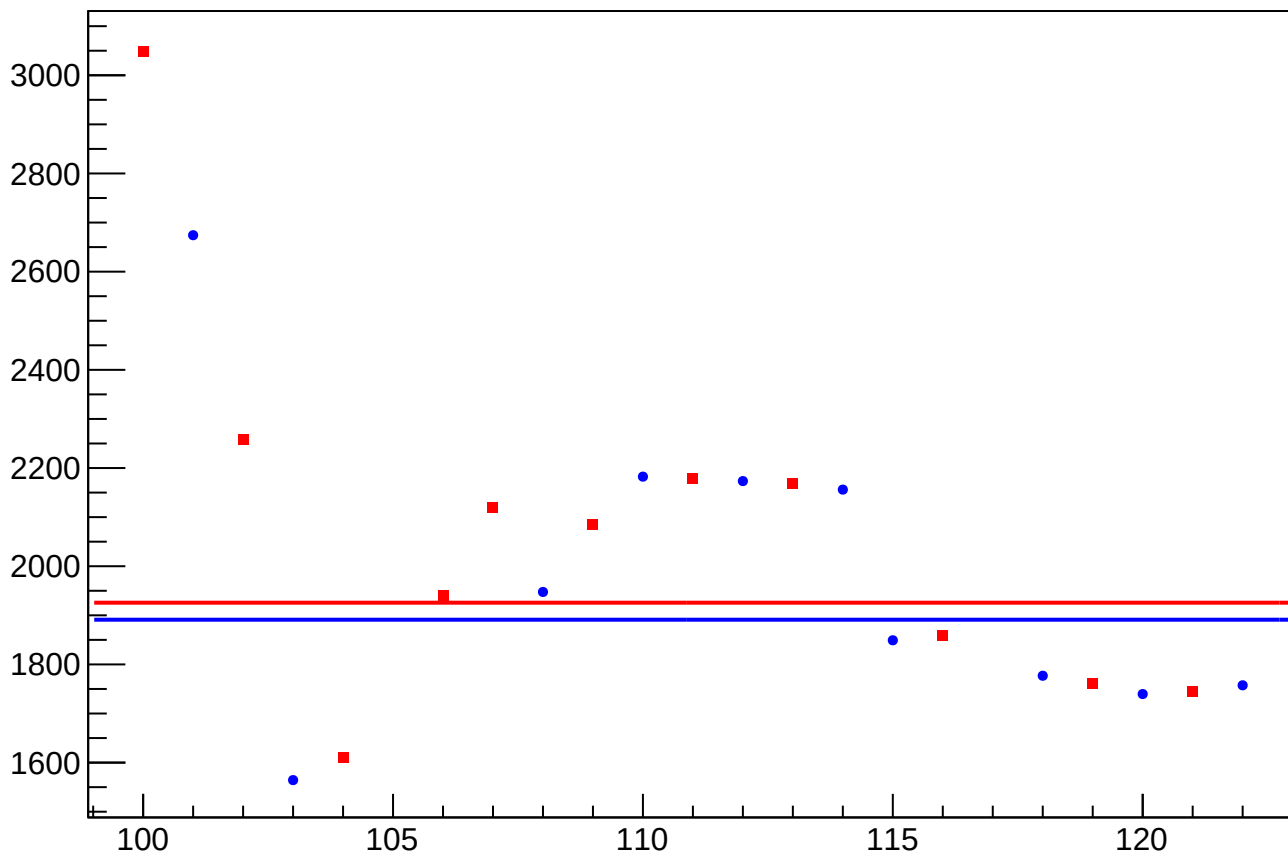
Right: -1188.252+/-662.123 χ^2/NDF : 14.8/20

In: -1224.334+/-946.772 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1188.252+/-662.123 χ^2/NDF : 14.8/20

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: 1925.730+/-0.652 χ^2/NDF : 138817.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

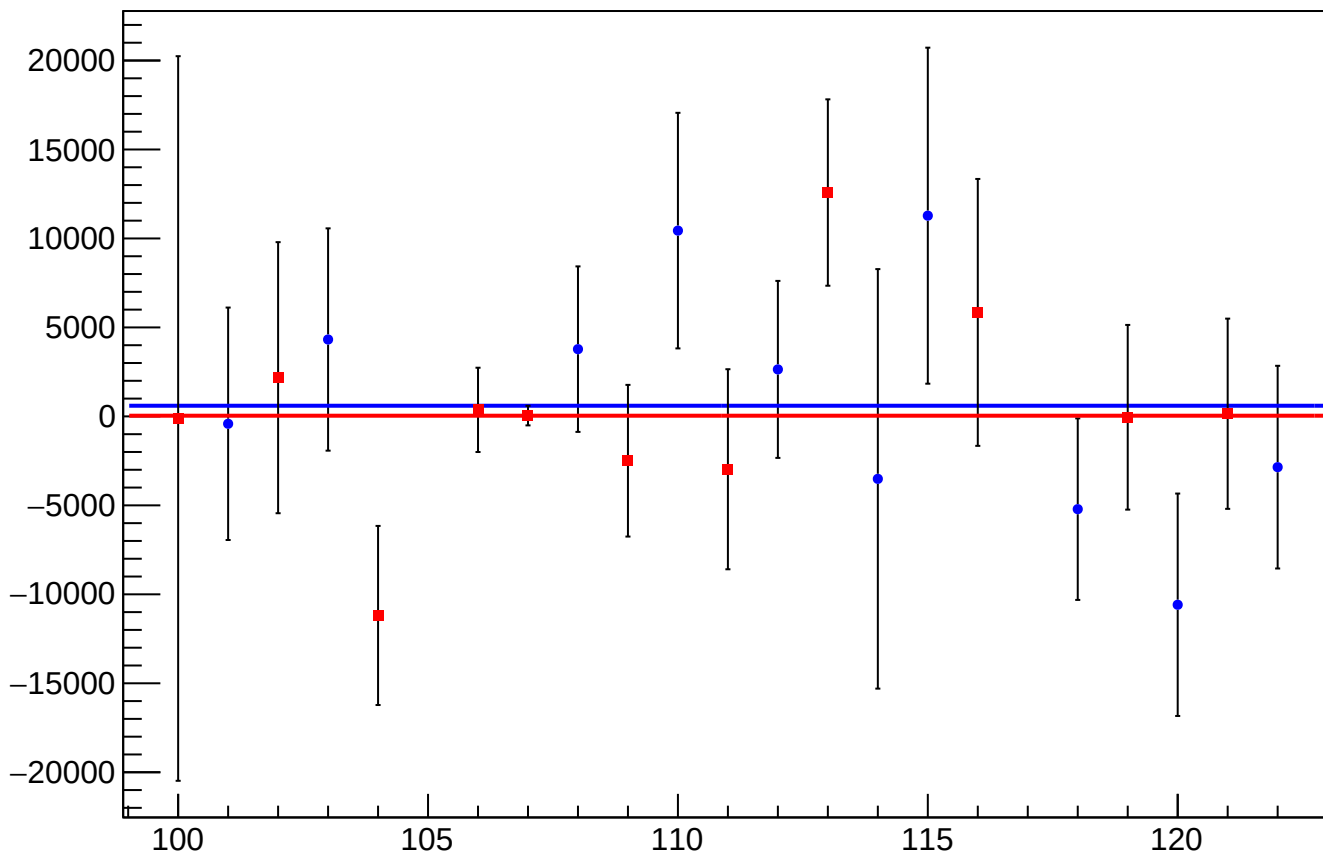
Right: 1908.848+/-0.467 χ^2/NDF : 354890.0/20

In: 1891.072+/-0.669 χ^2/NDF : 214698.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1908.848+/-0.467 χ^2/NDF : 354890.0/20

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: 38.149 $\pm$ 516.301 χ^2 /NDF: 12.0/10

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

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

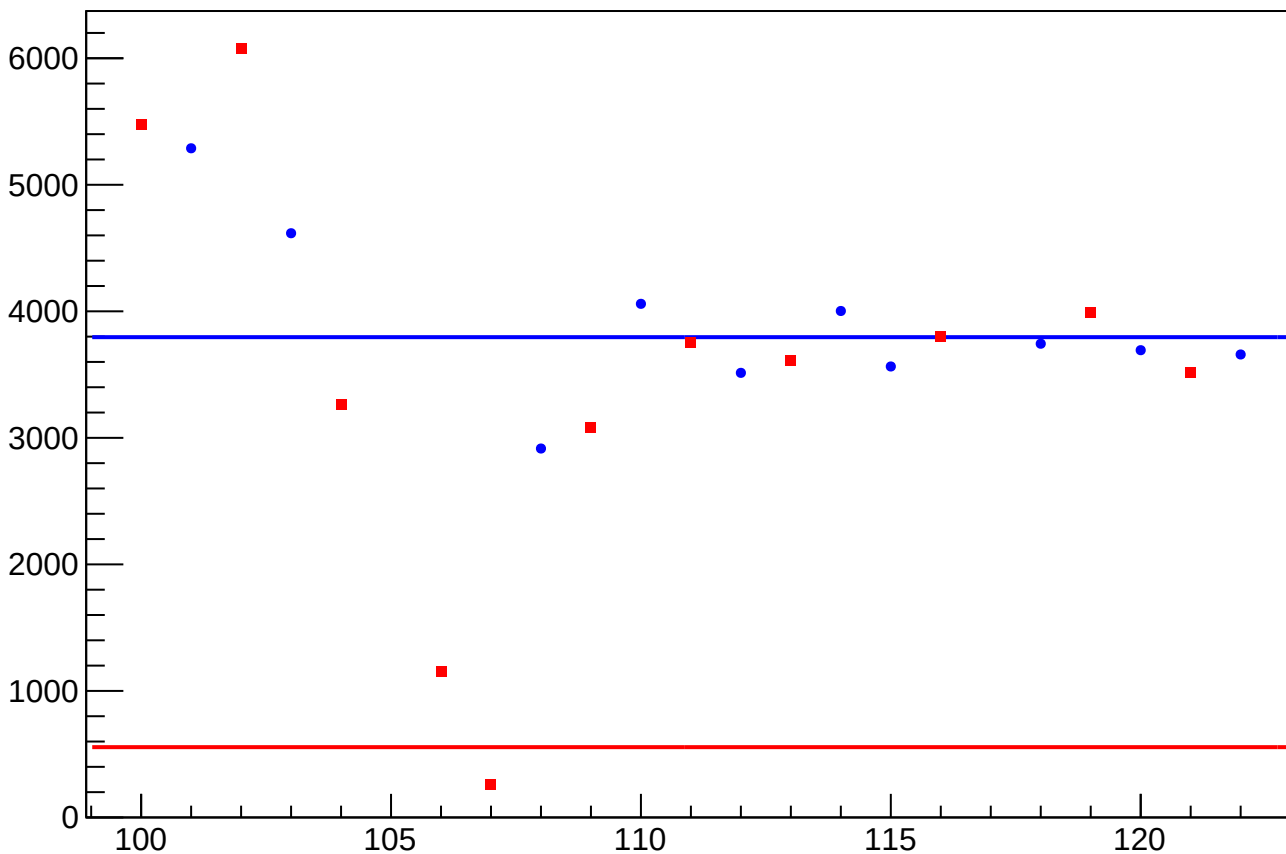
Right: 76.016 $\pm$ 498.556 χ^2 /NDF: 21.6/20

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: 76.016 $\pm$ 498.556 χ^2 /NDF: 21.6/20

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: 555.591+/-0.365 χ^2/NDF : 6330660.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

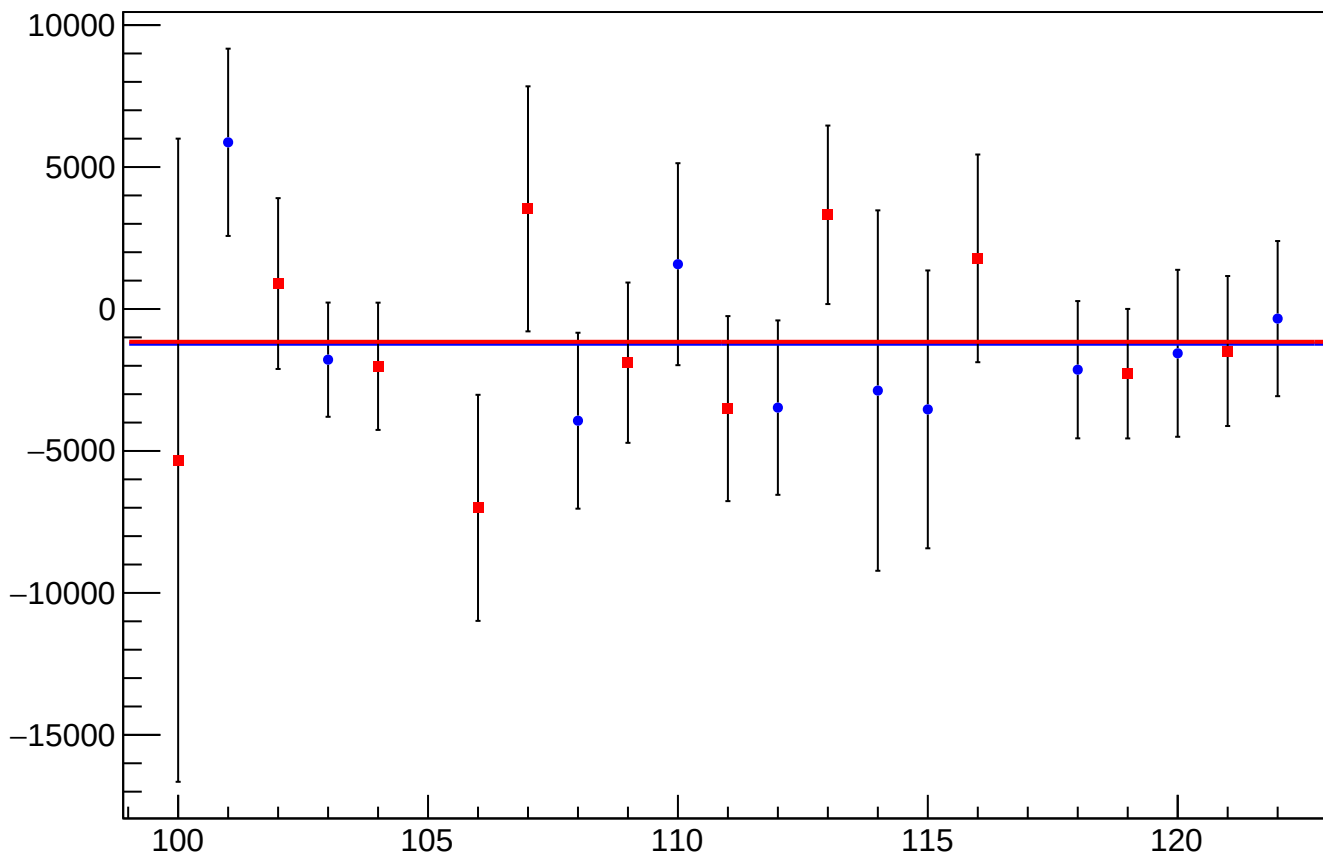
Right: 774.499+/-0.353 χ^2/NDF : 11876379.9/20

In: 3795.769+/-1.356 χ^2/NDF : 223994.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.499+/-0.353 χ^2/NDF : 11876379.9/20

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: -1154.380+/-926.333 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

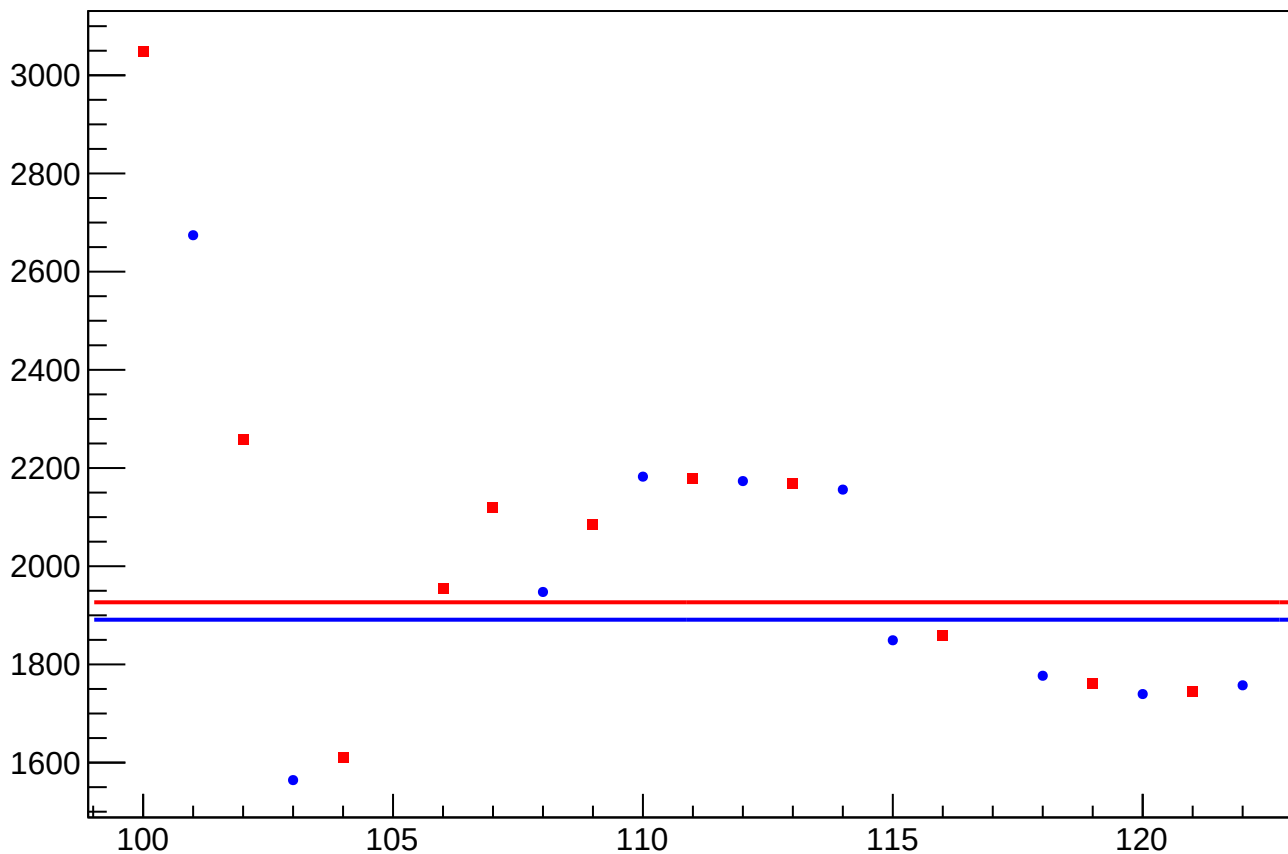
Right: -1188.228+/-662.124 χ^2/NDF : 14.8/20

In: -1223.585+/-946.772 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1188.228+/-662.124 χ^2/NDF : 14.8/20

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: 1926.545+/-0.653 χ^2/NDF : 138899.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

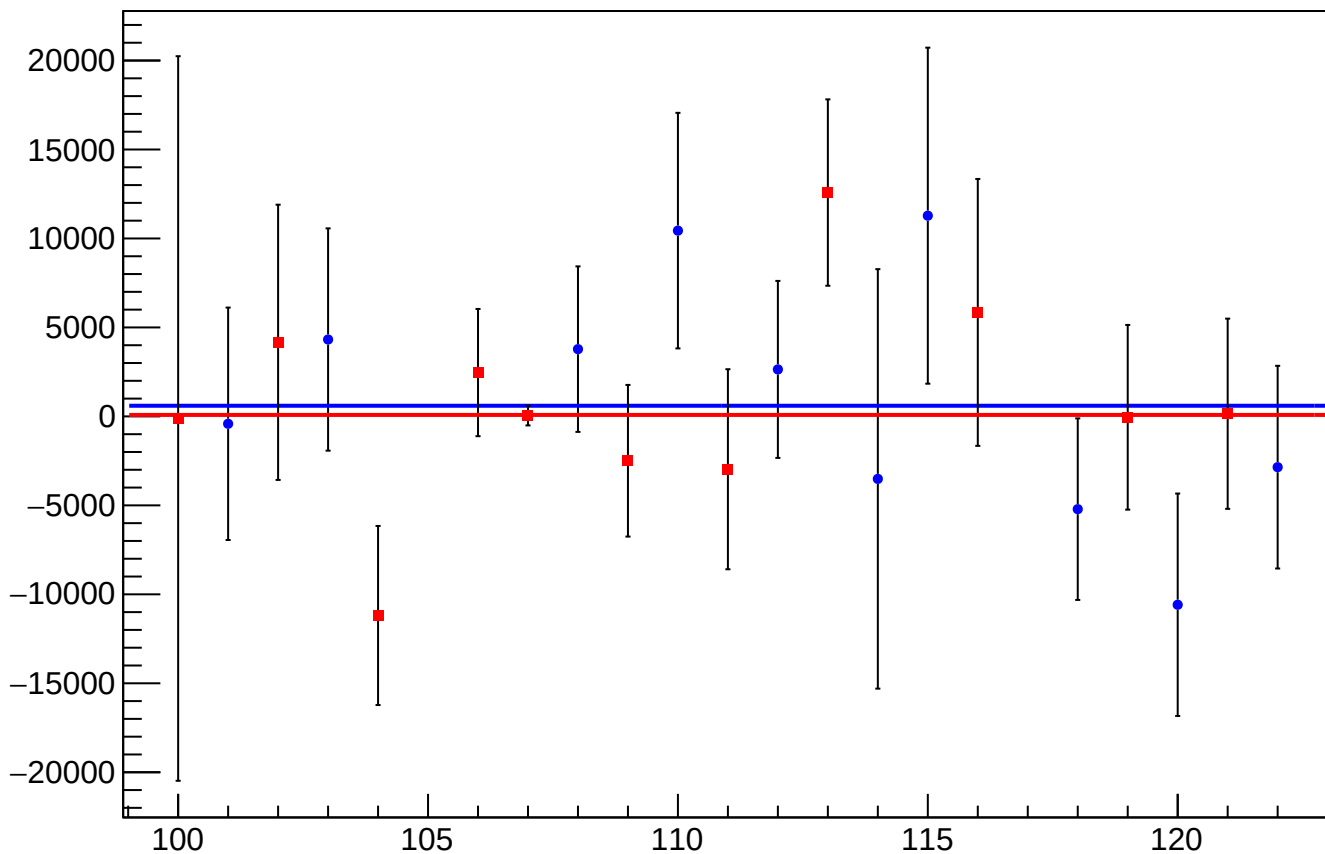
Right: 1909.260+/-0.467 χ^2/NDF : 355036.5/20

In: 1891.073+/-0.669 χ^2/NDF : 214697.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.260+/-0.467 χ^2/NDF : 355036.5/20

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 598.561 $\pm$ 1918.099 χ^2 /NDF: 9.5/9

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

Right Out: 82.285 $\pm$ 523.329 χ^2 /NDF: 12.7/10

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

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

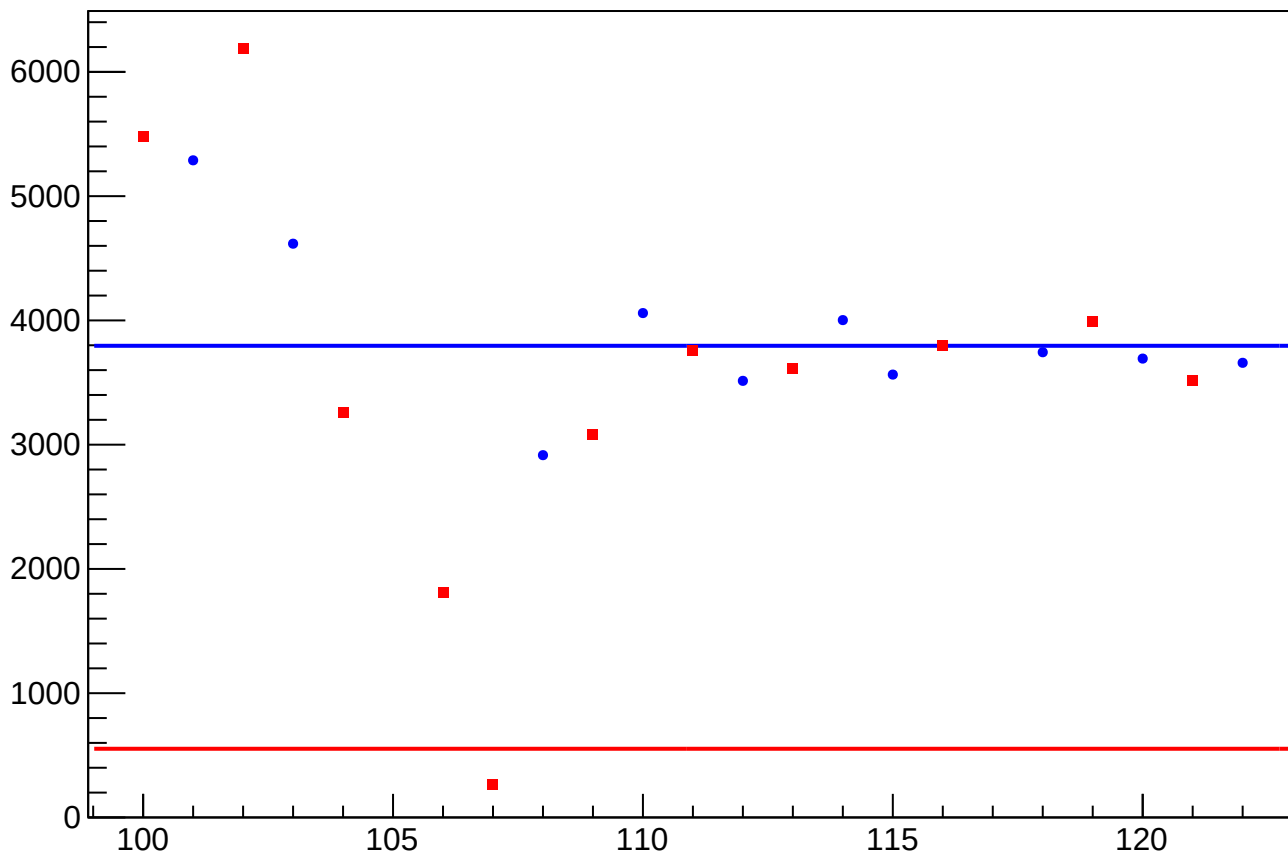
Right: 118.054 $\pm$ 504.874 χ^2 /NDF: 22.3/20

In: 598.561 $\pm$ 1918.099 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.054 $\pm$ 504.874 χ^2 /NDF: 22.3/20

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: 552.792+/-0.370 χ^2/NDF : 6457620.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

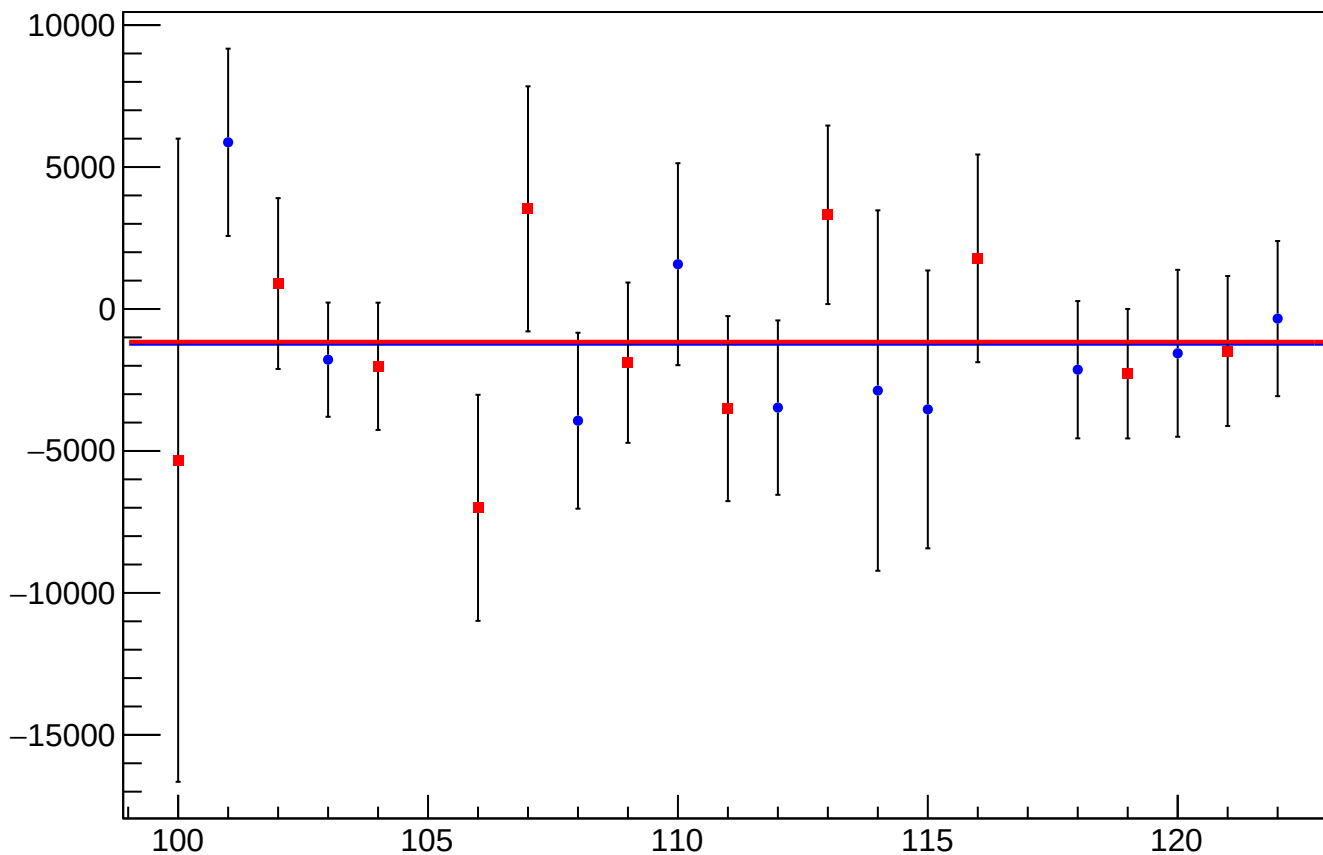
Right: 777.476+/-0.357 χ^2/NDF : 12002689.6/20

In: 3795.784+/-1.356 χ^2/NDF : 224017.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.476+/-0.357 χ^2/NDF : 12002689.6/20

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: -1154.380+/-926.333 χ^2/NDF : 7.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

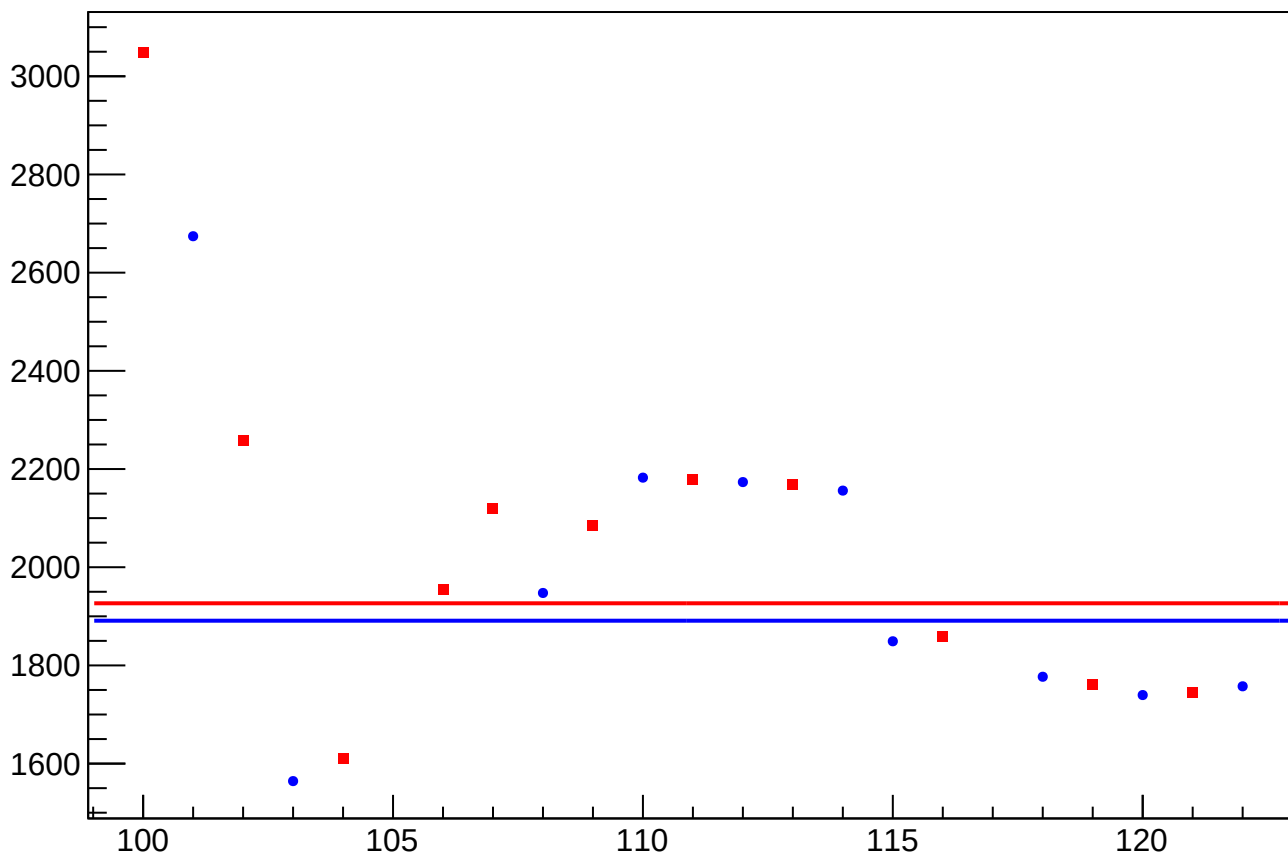
Right: -1188.228+/-662.124 χ^2/NDF : 14.8/20

In: -1223.585+/-946.772 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1188.228+/-662.124 χ^2/NDF : 14.8/20

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: 1926.545+/-0.653 χ^2/NDF : 138899.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

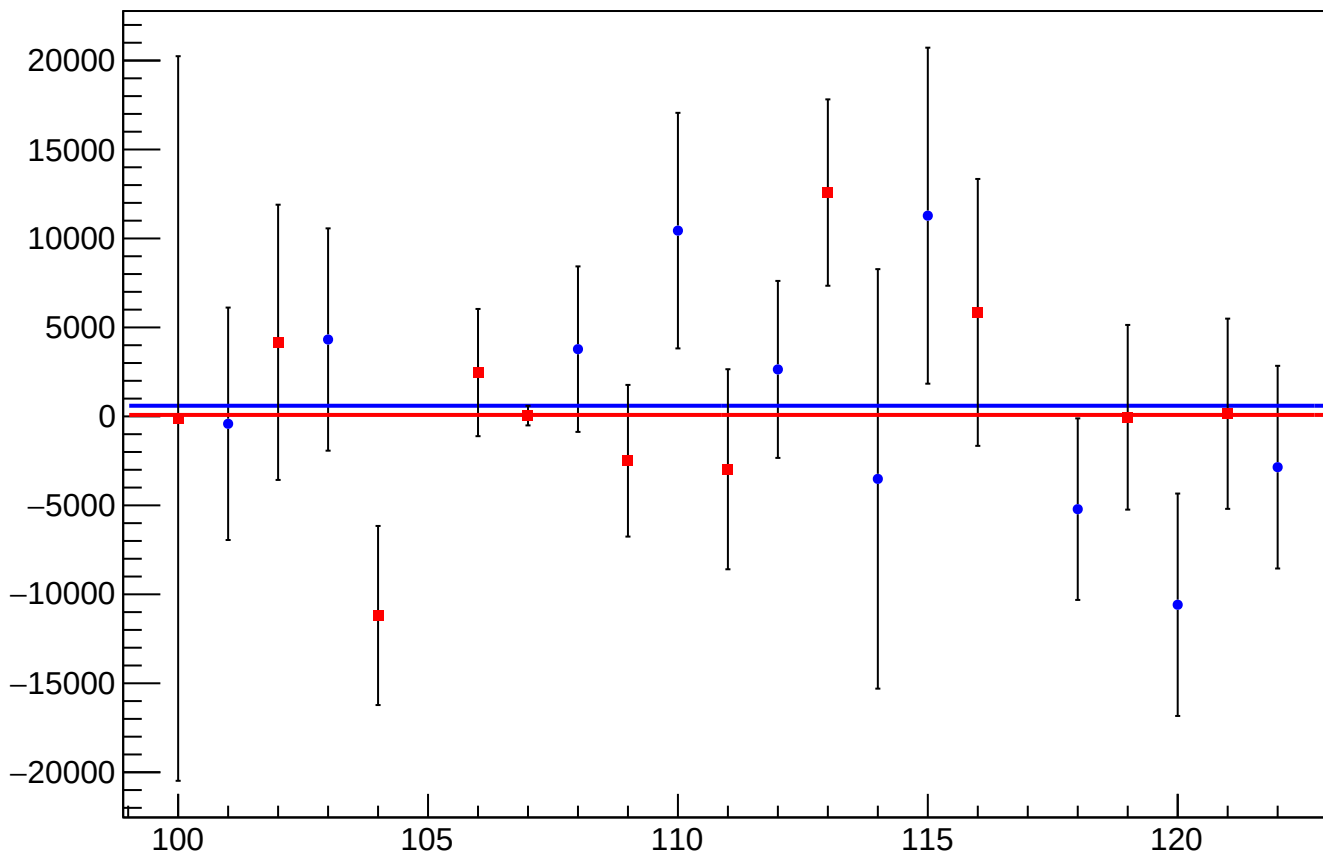
Right: 1909.260+/-0.467 χ^2/NDF : 355036.5/20

In: 1891.073+/-0.669 χ^2/NDF : 214697.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.260+/-0.467 χ^2/NDF : 355036.5/20

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: 82.285+/-523.329 χ^2/NDF : 12.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

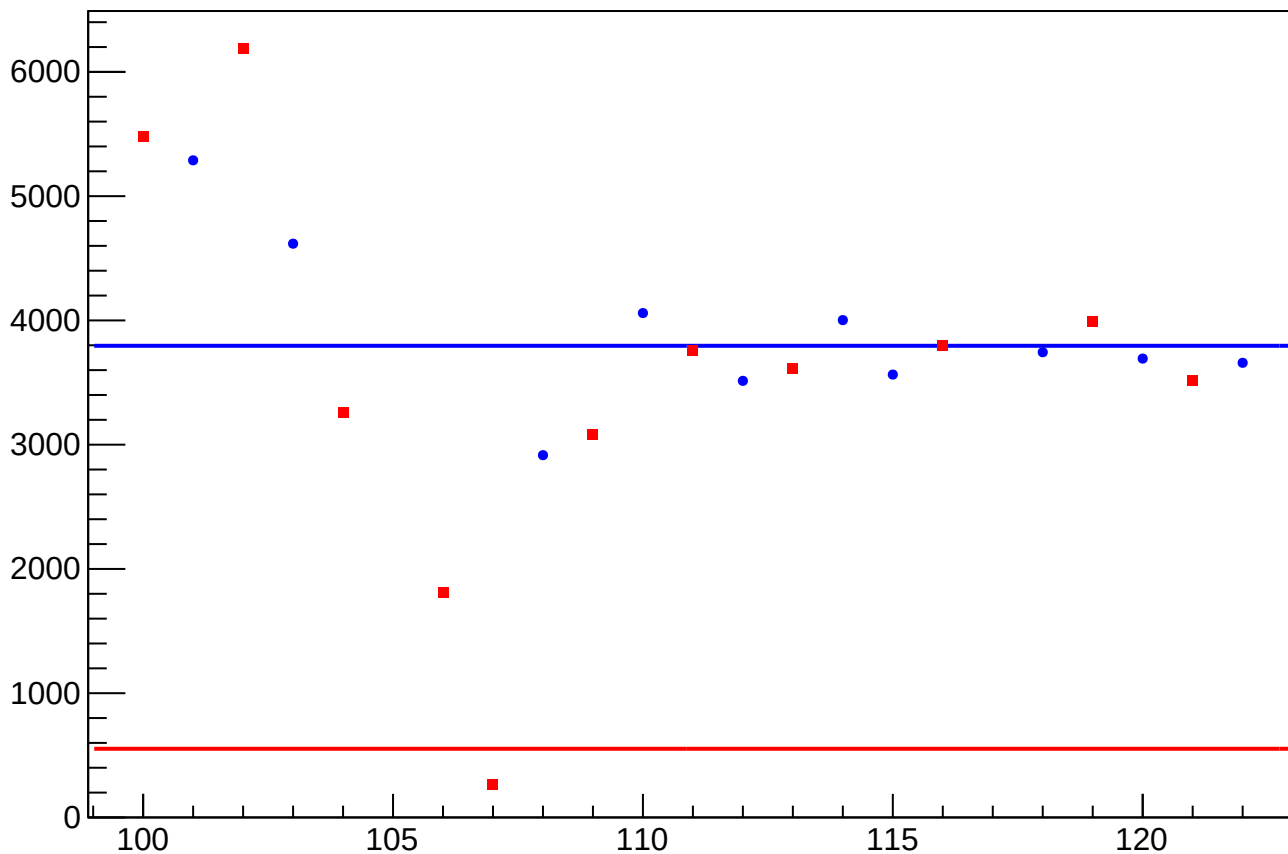
Right: 118.054+/-504.874 χ^2/NDF : 22.3/20

In: 598.561+/-1918.099 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.054+/-504.874 χ^2/NDF : 22.3/20

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: 552.792+/-0.370 χ^2/NDF : 6457620.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

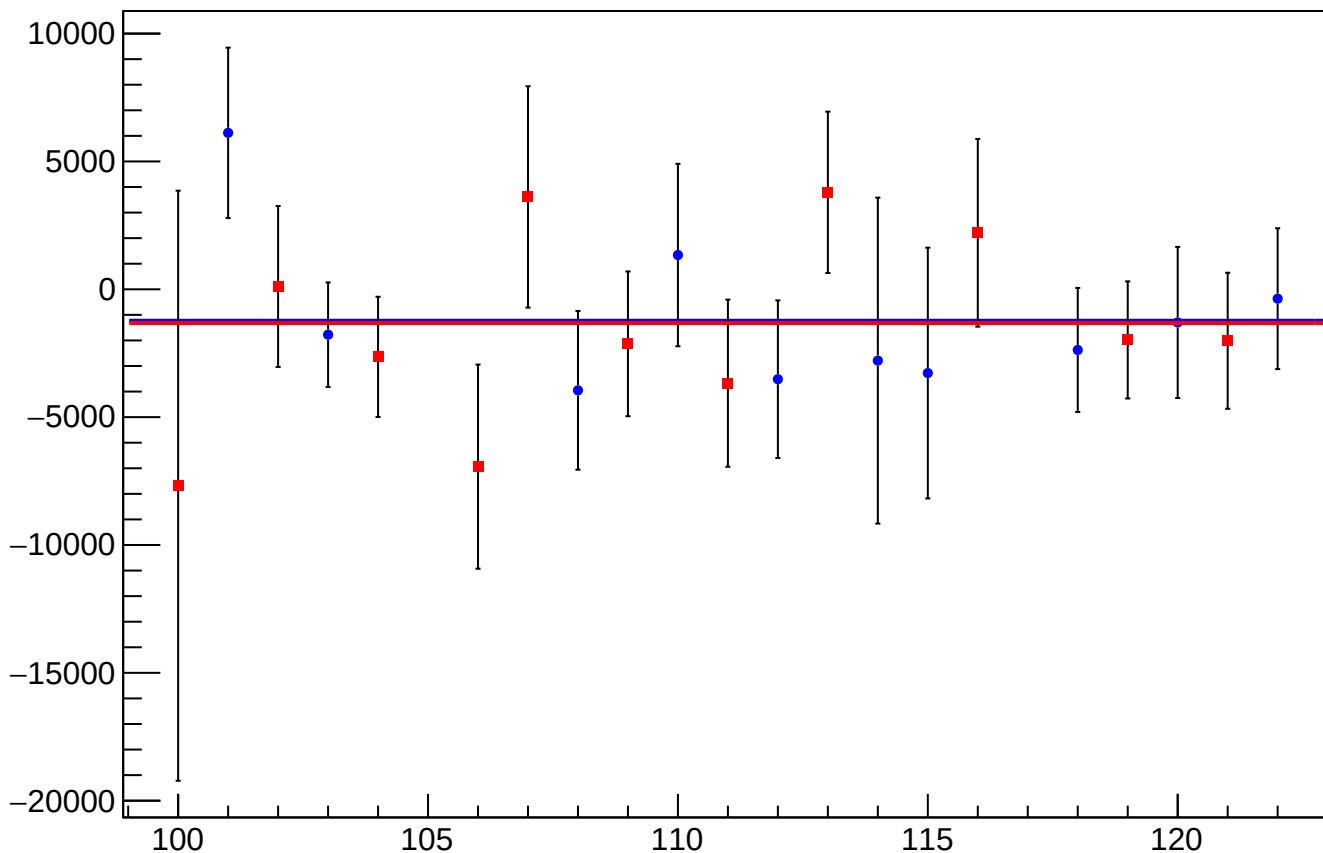
Right: 777.476+/-0.357 χ^2/NDF : 12002689.6/20

In: 3795.784+/-1.356 χ^2/NDF : 224017.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.476+/-0.357 χ^2/NDF : 12002689.6/20

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: -1322.058+/-940.462 χ^2/NDF : 8.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

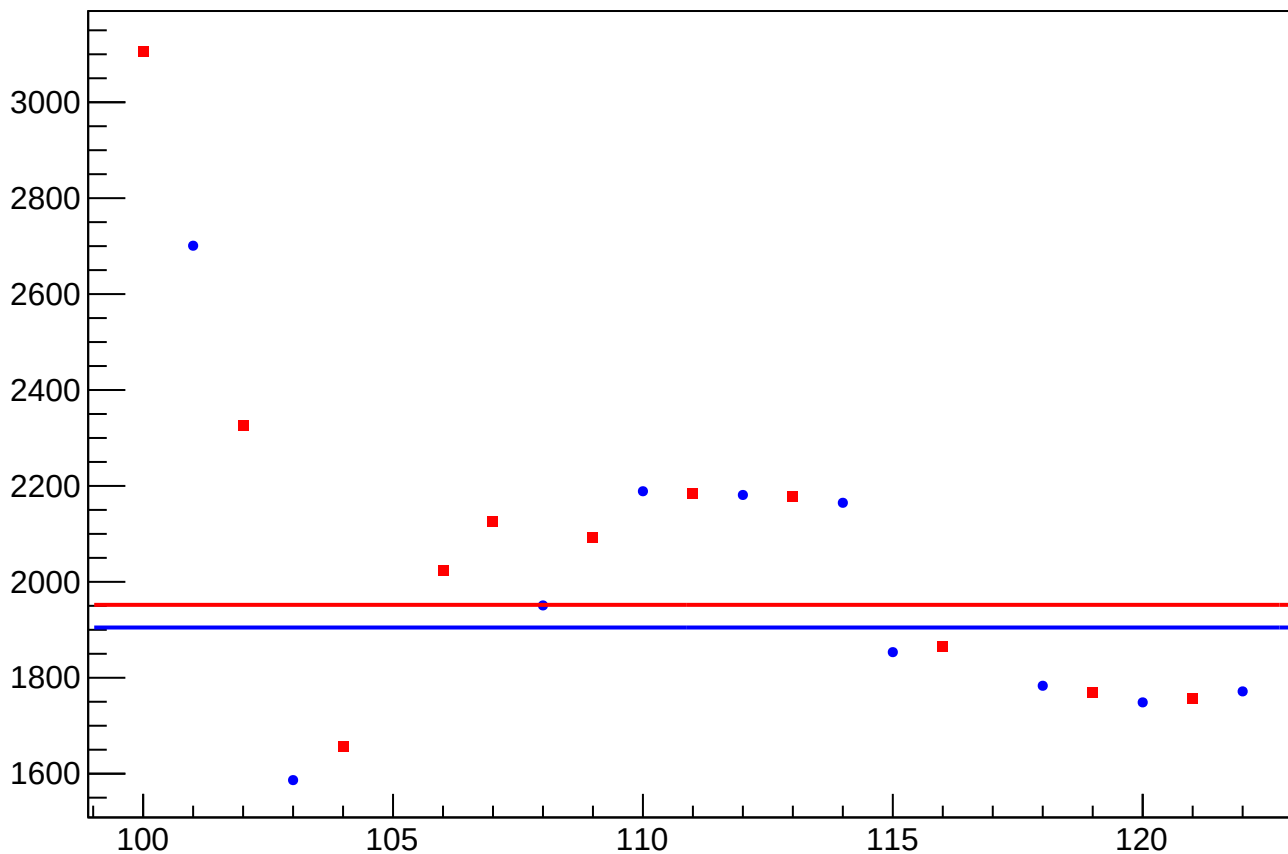
Right: -1277.217+/-669.654 χ^2/NDF : 15.7/20

In: -1231.101+/-953.744 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1277.217+/-669.654 χ^2/NDF : 15.7/20

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: 1952.037+/-0.664 χ^2/NDF : 133657.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

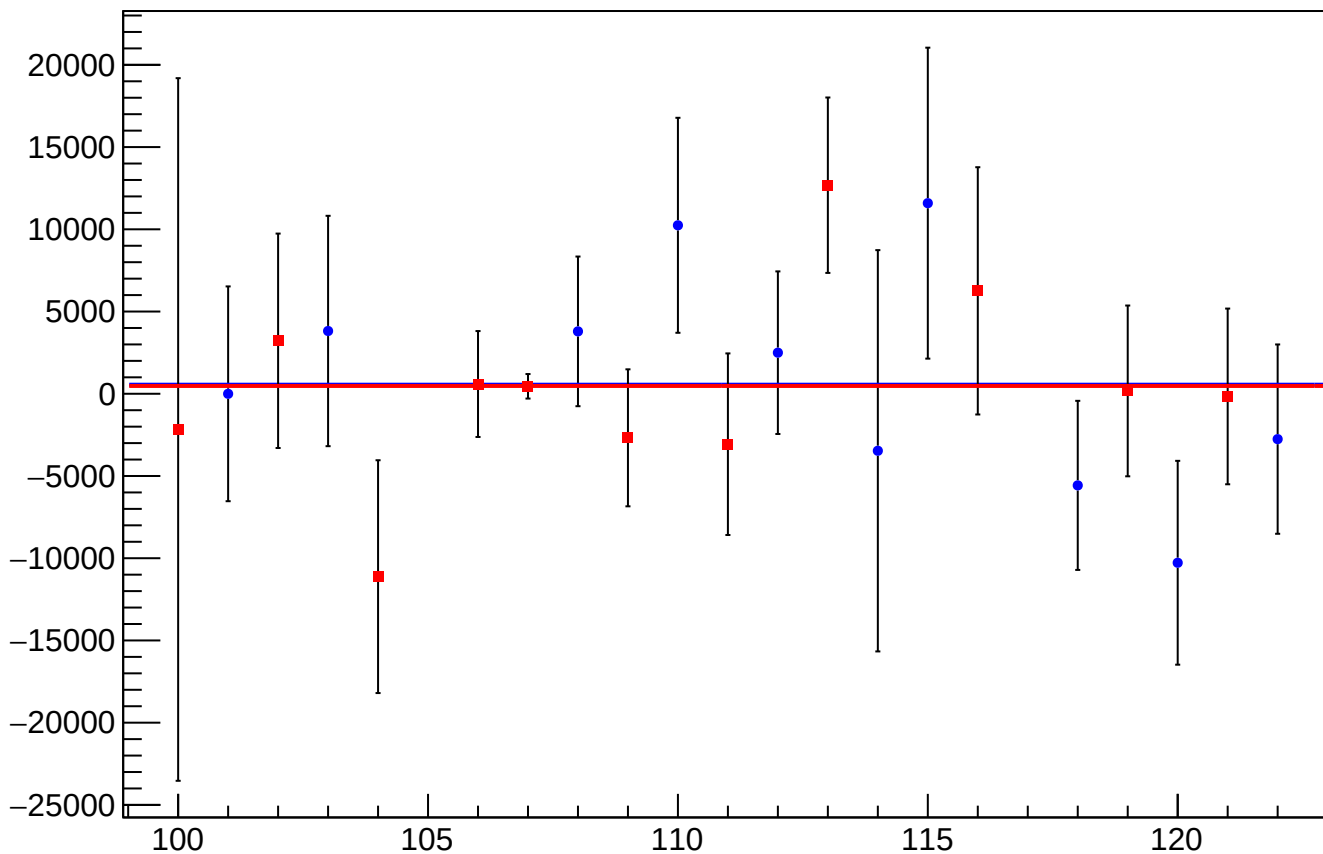
Right: 1928.785+/-0.473 χ^2/NDF : 346788.7/20

In: 1904.800+/-0.674 χ^2/NDF : 210640.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.785+/-0.473 χ^2/NDF : 346788.7/20

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: 475.400+/-681.069 χ^2/NDF : 9.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

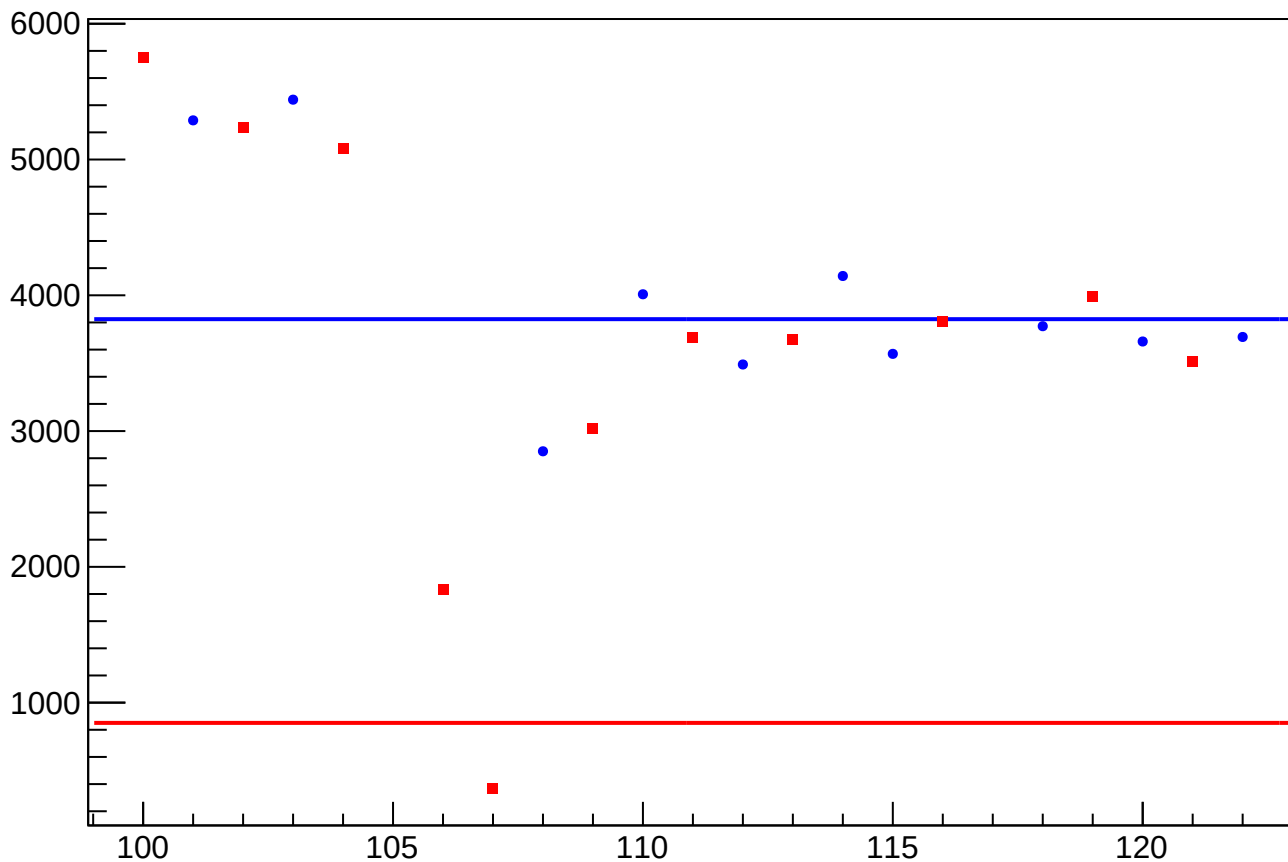
Right: 483.733+/-642.257 χ^2/NDF : 19.1/20

In: 550.659+/-1930.117 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.733+/-642.257 χ^2/NDF : 19.1/20

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: 850.765+/-0.482 χ^2/NDF : 5921528.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

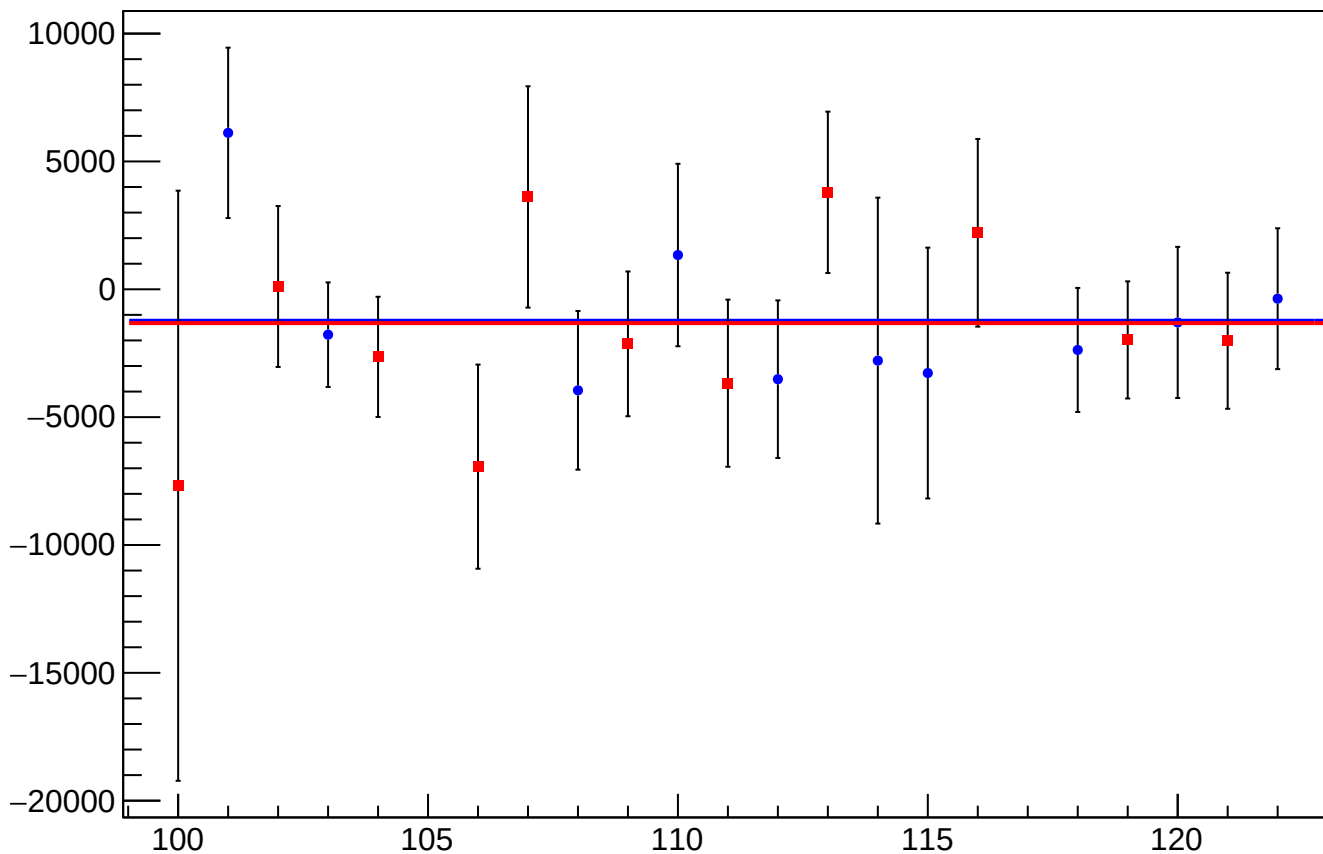
Right: 1180.004+/-0.454 χ^2/NDF : 10457301.9/20

In: 3824.214+/-1.365 χ^2/NDF :314736.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1180.004+/-0.454 χ^2/NDF : 10457301.9/20

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: -1322.065+/-940.462 χ^2/NDF : 8.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

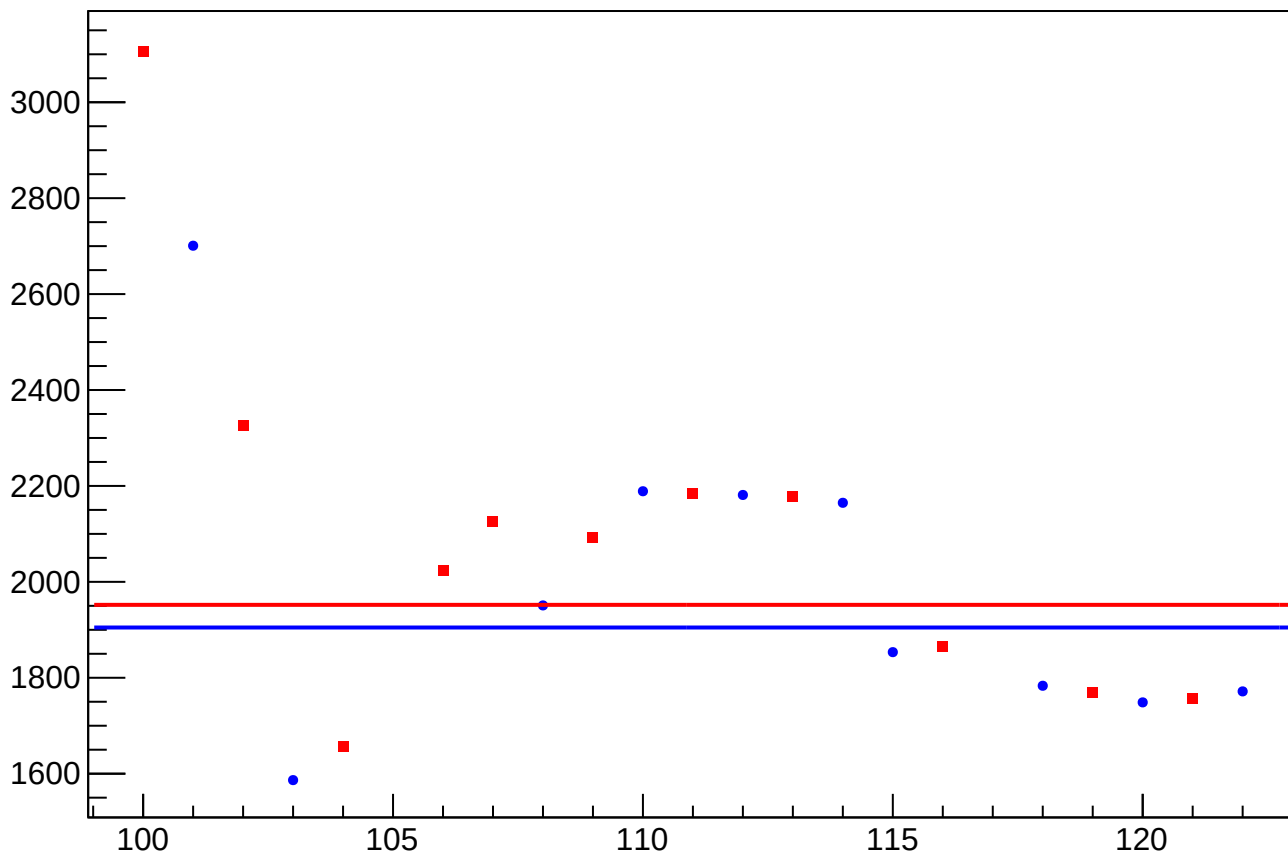
Right: -1277.218+/-669.654 χ^2/NDF : 15.7/20

In: -1231.094+/-953.744 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1277.218+/-669.654 χ^2/NDF : 15.7/20

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: 1952.037+/-0.664 χ^2/NDF : 133657.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

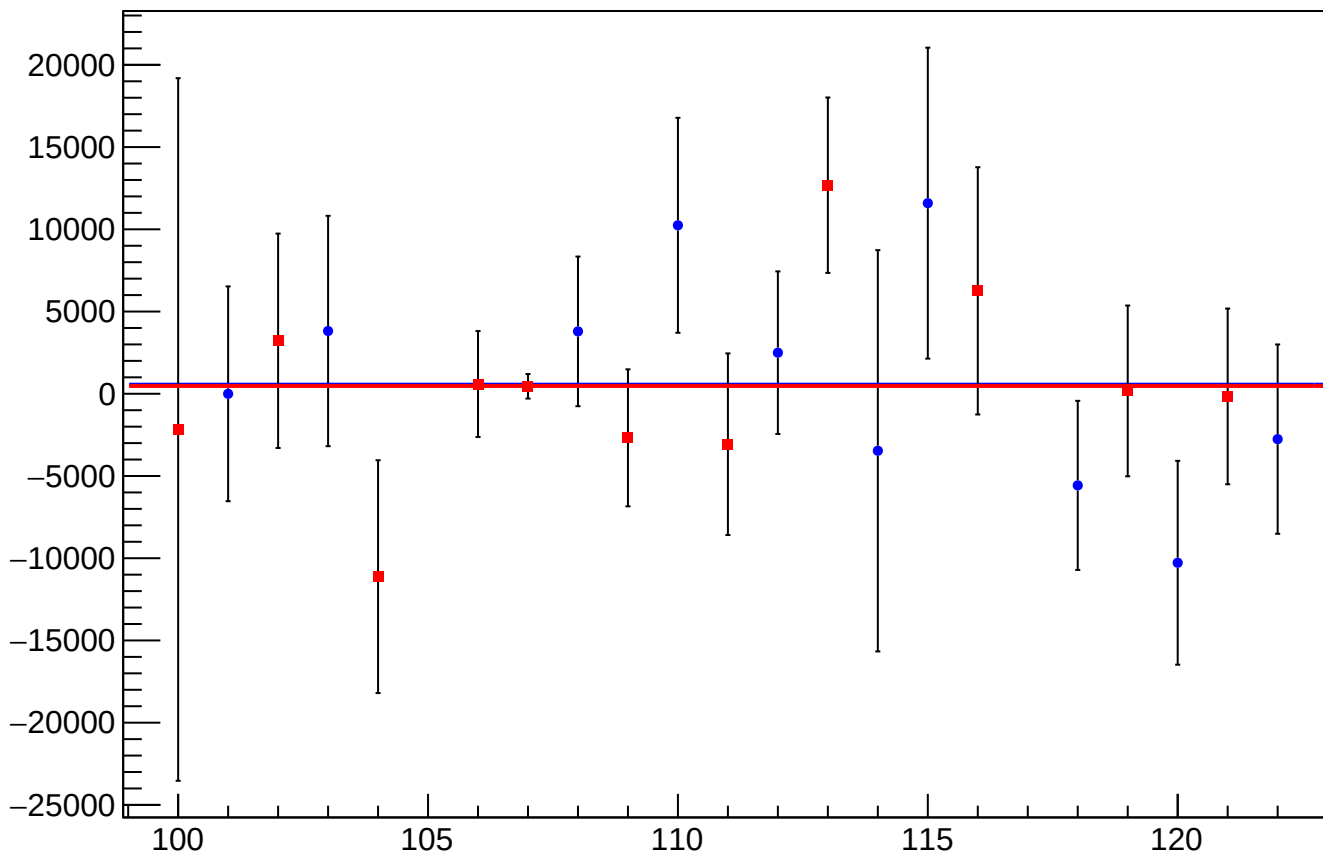
Right: 1928.785+/-0.473 χ^2/NDF : 346788.6/20

In: 1904.800+/-0.674 χ^2/NDF : 210640.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.785+/-0.473 χ^2/NDF : 346788.6/20

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: 475.407+/-681.081 χ^2/NDF : 9.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

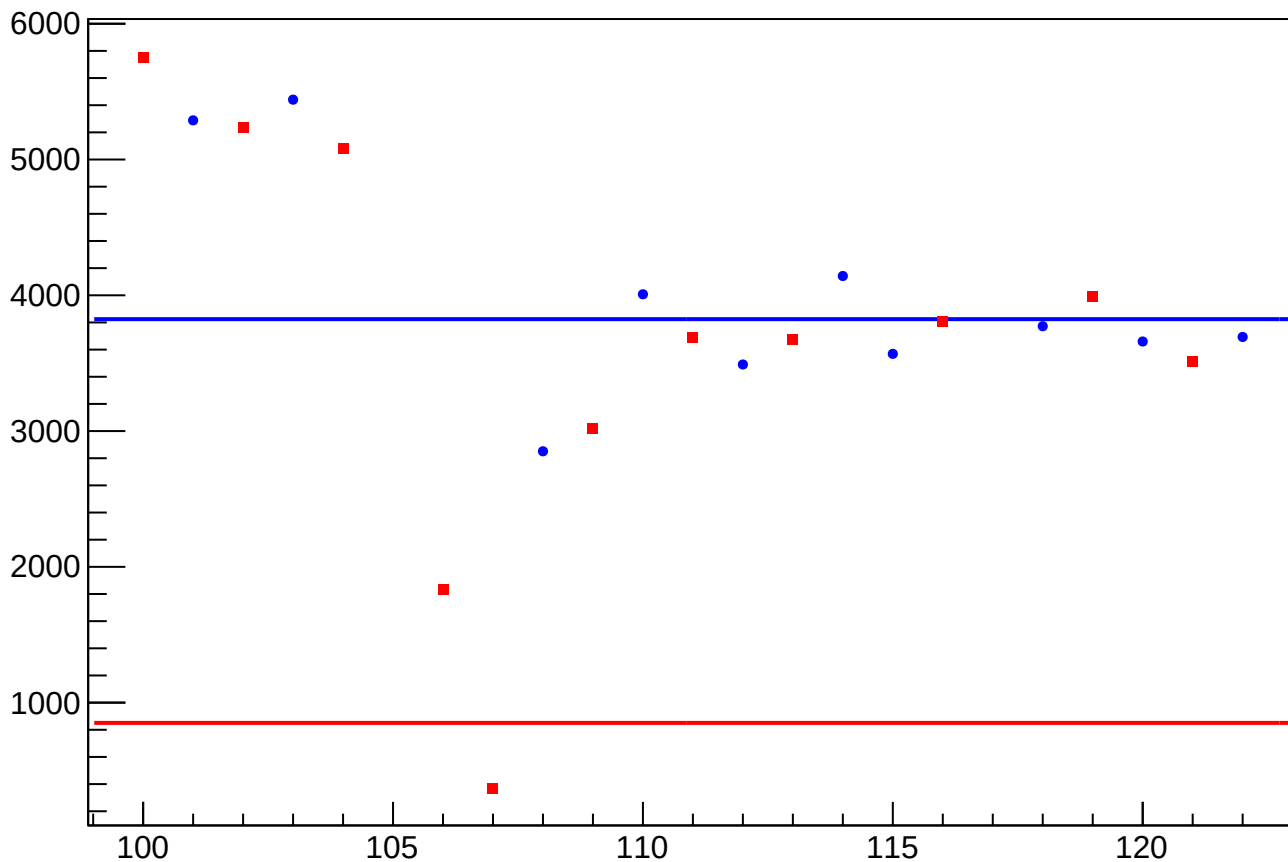
Right: 483.739+/-642.267 χ^2/NDF : 19.1/20

In: 550.649+/-1930.112 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.739+/-642.267 χ^2/NDF : 19.1/20

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: 850.790+/-0.482 χ^2/NDF : 5921458.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

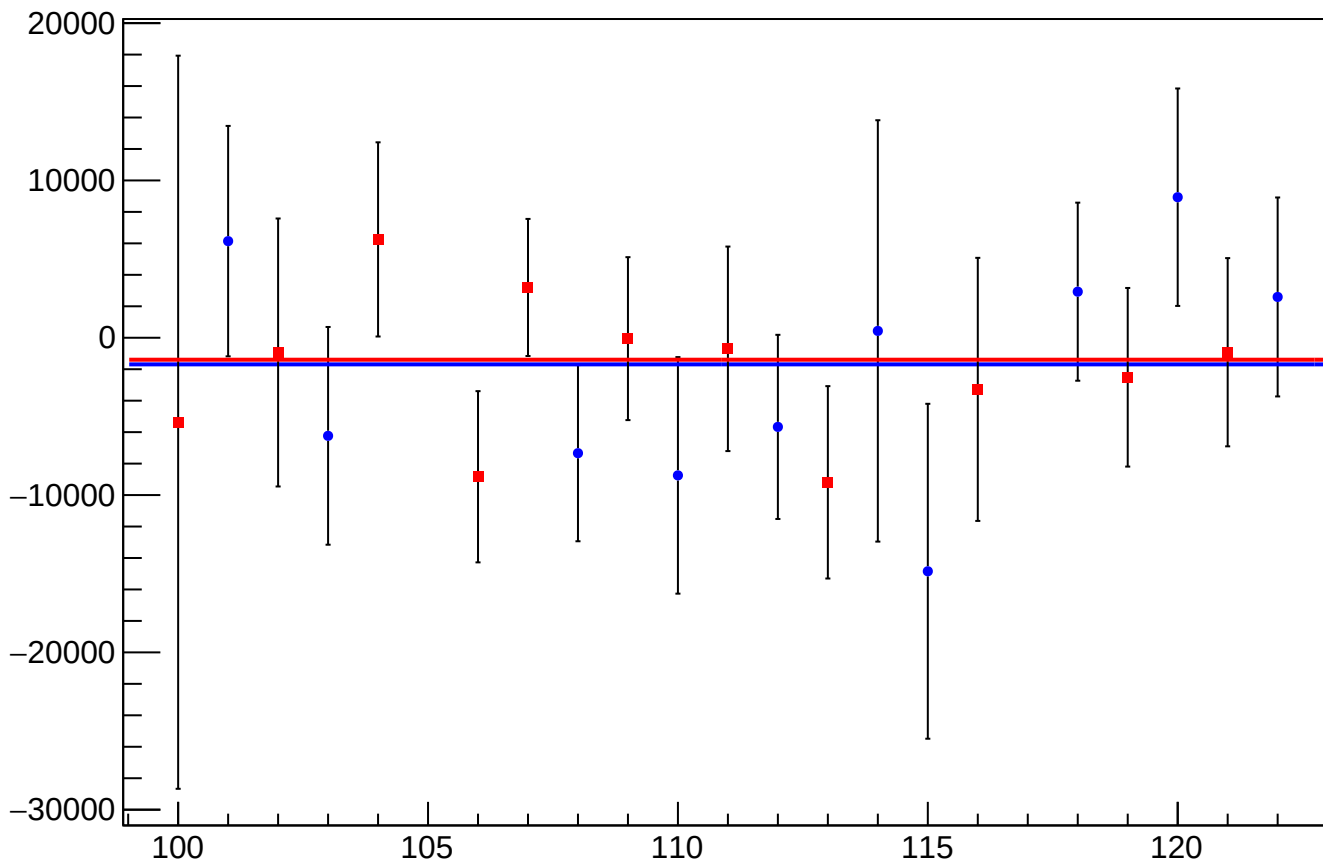
Right: 1180.037+/-0.454 χ^2/NDF : 10457137.5/20

In: 3824.205+/-1.365 χ^2/NDF : 314736.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.037+/-0.454 χ^2/NDF : 10457137.5/20

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: -1395.759+/-1859.272 χ^2/NDF : 6.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

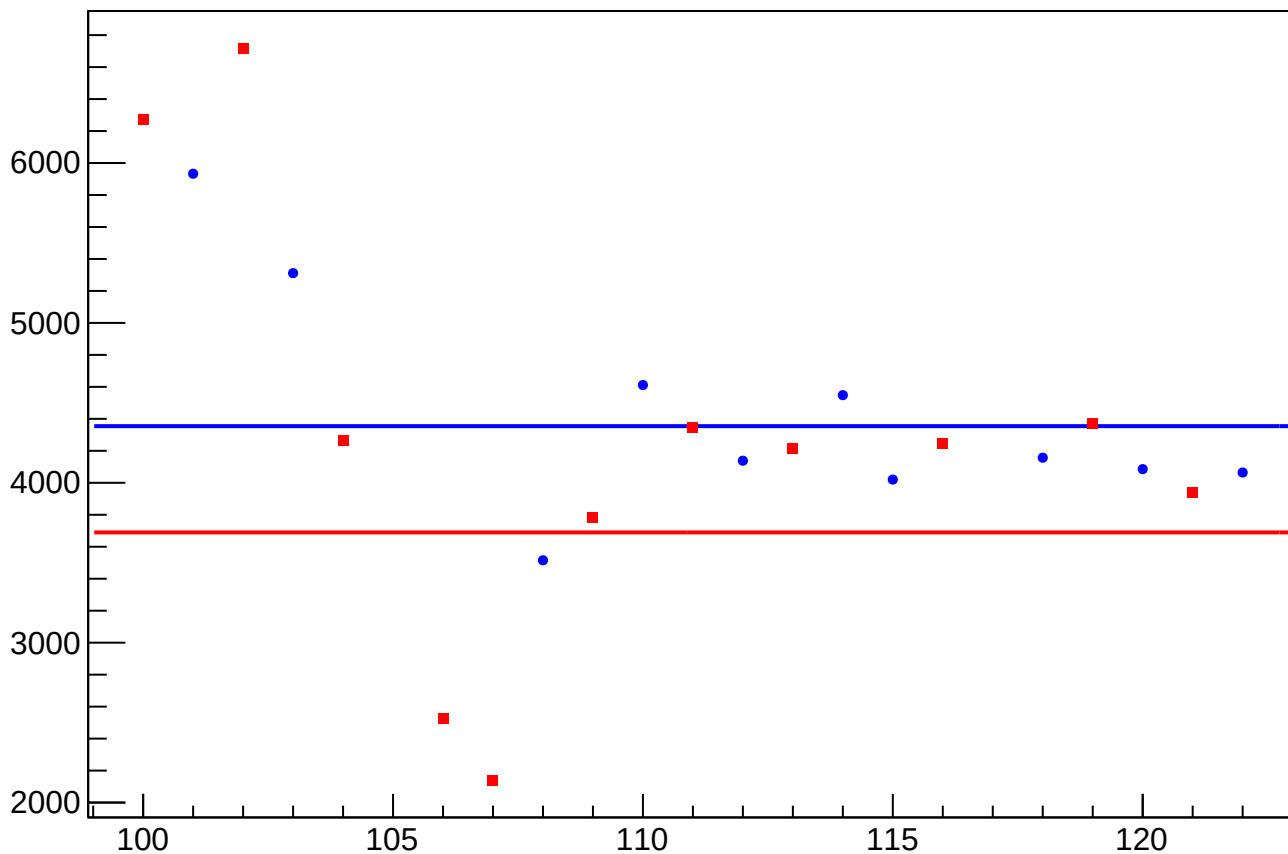
Right: -1520.238+/-1415.447 χ^2/NDF : 15.3/20

In: -1691.830+/-2182.948 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1520.238+/-1415.447 χ^2/NDF : 15.3/20

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: 3689.638+/-1.296 χ^2/NDF : 738367.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

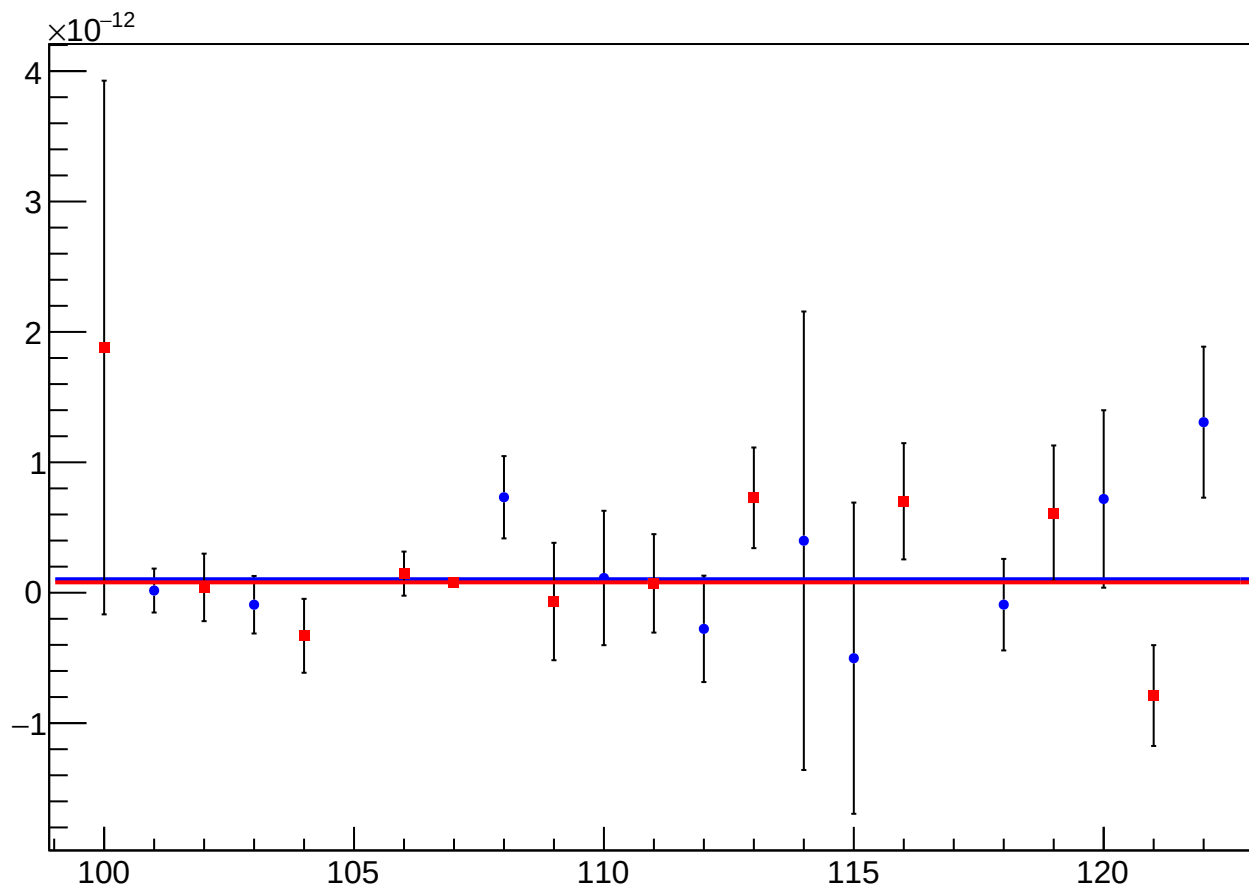
Right: 3964.439+/-0.993 χ^2/NDF : 1040294.3/20

In: 4354.264+/-1.544 χ^2/NDF : 193187.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3964.439+/-0.993 χ^2/NDF : 1040294.3/20

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 : 14.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

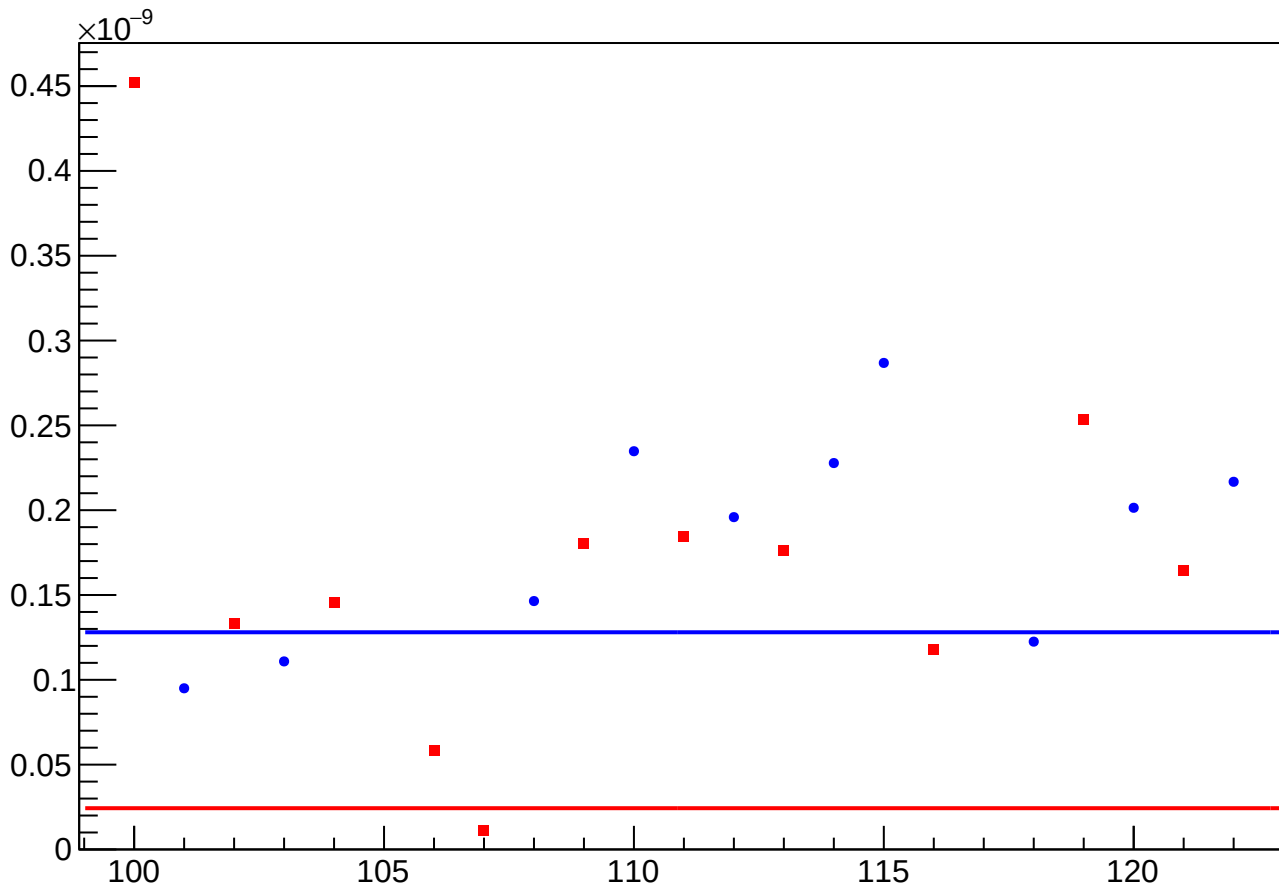
Right: 0.000+/-0.000 χ^2/NDF : 25.7/20

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 : 25.7/20

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 : 2787622.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

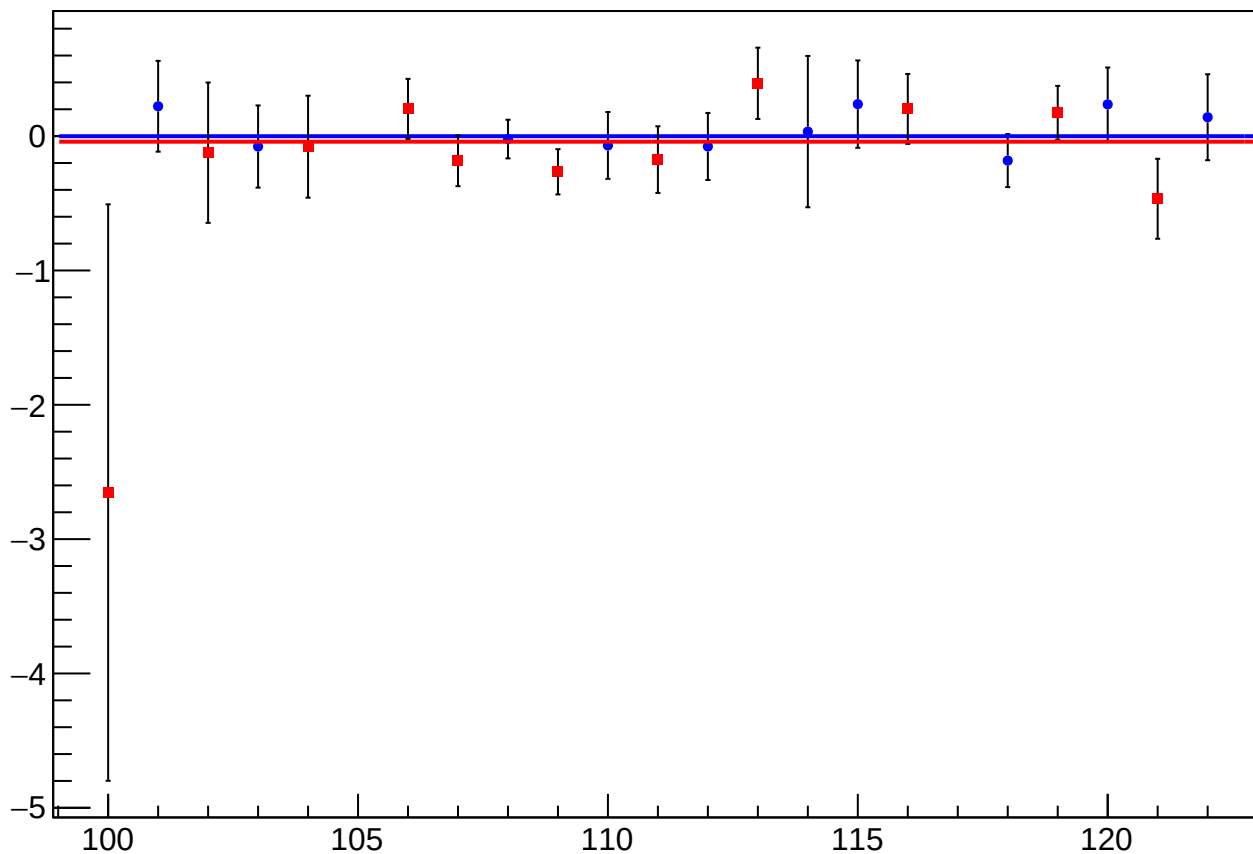
Right: 0.000+/-0.000 χ^2/NDF : 4882239.9/20

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 : 4882239.9/20

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 : 12.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

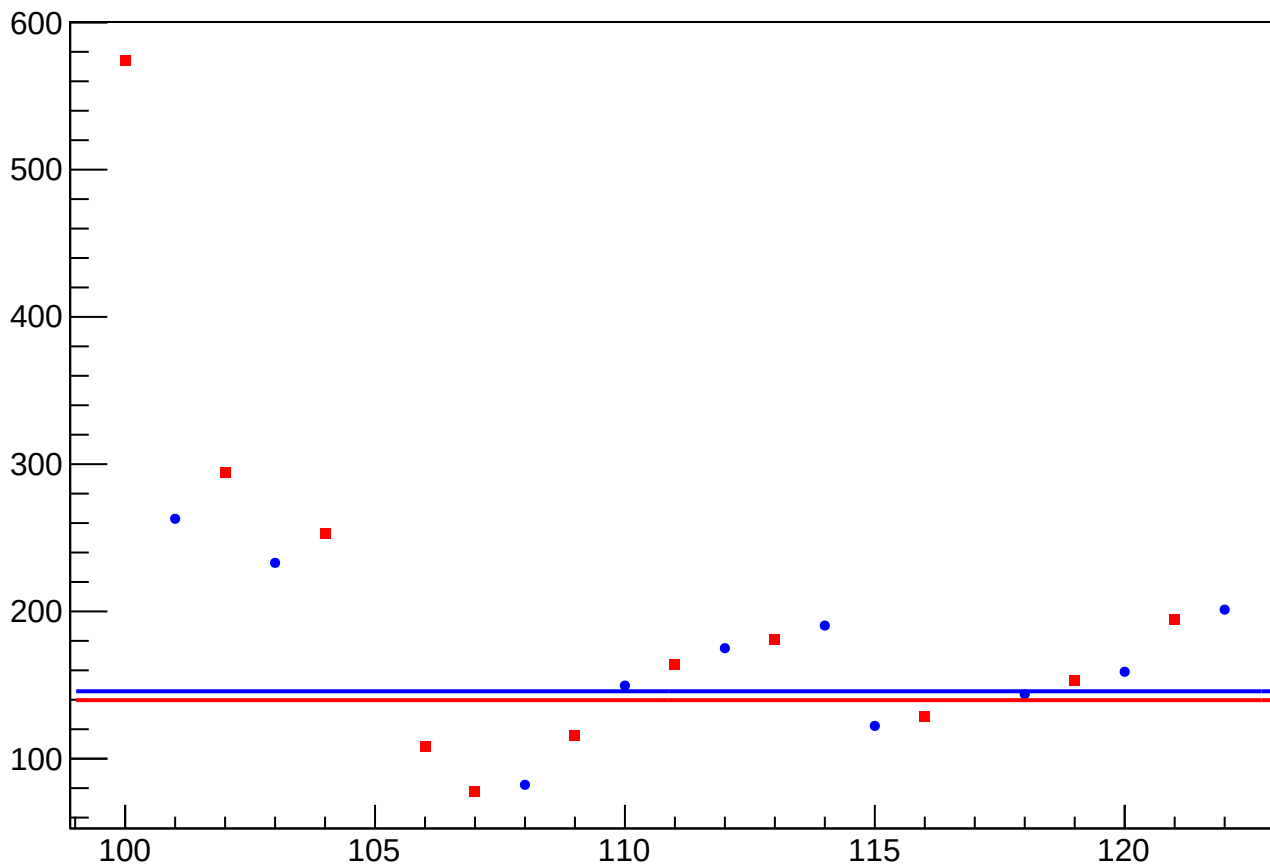
Right: -0.022 ± 0.054 χ^2/NDF : 15.2/20

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 : 15.2/20

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: 139.740+/-0.053 χ^2/NDF : 880704.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

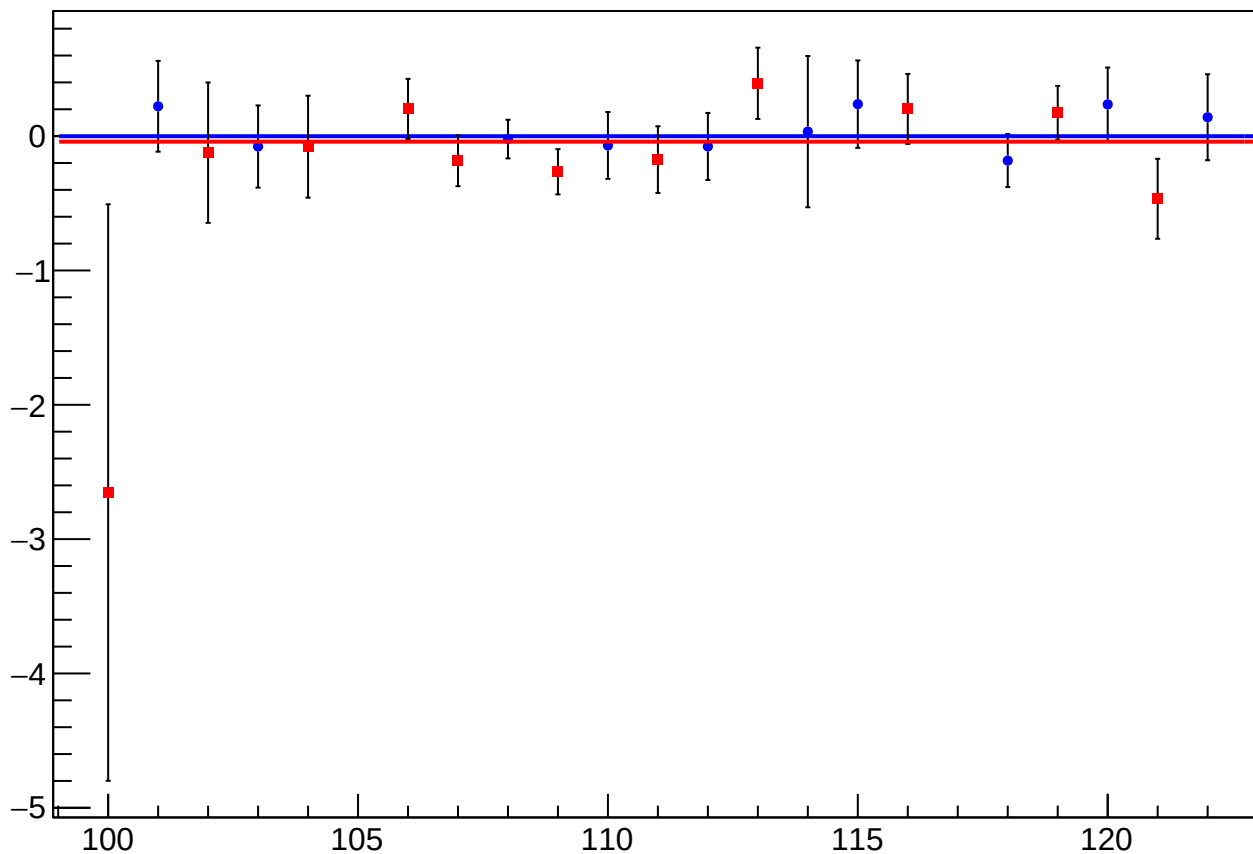
Right: 142.633+/-0.039 χ^2/NDF : 1796099.0/20

In: 145.778+/-0.056 χ^2/NDF : 909264.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.633+/-0.039 χ^2/NDF : 1796099.0/20

asym_atl1r2_dd_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 : 12.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

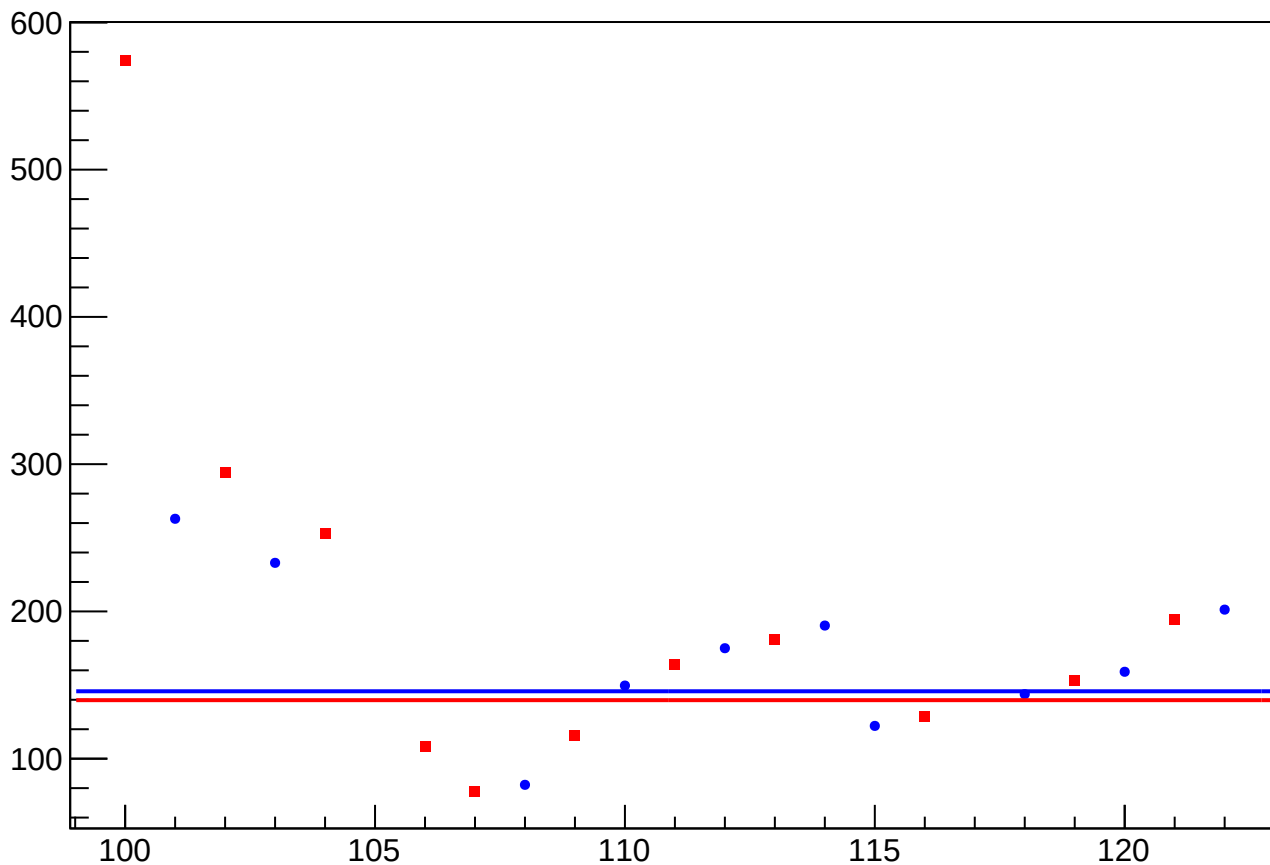
Right: -0.022 ± 0.054 χ^2/NDF : 15.2/20

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 : 15.2/20

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: 139.740+/-0.053 χ^2/NDF : 880704.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

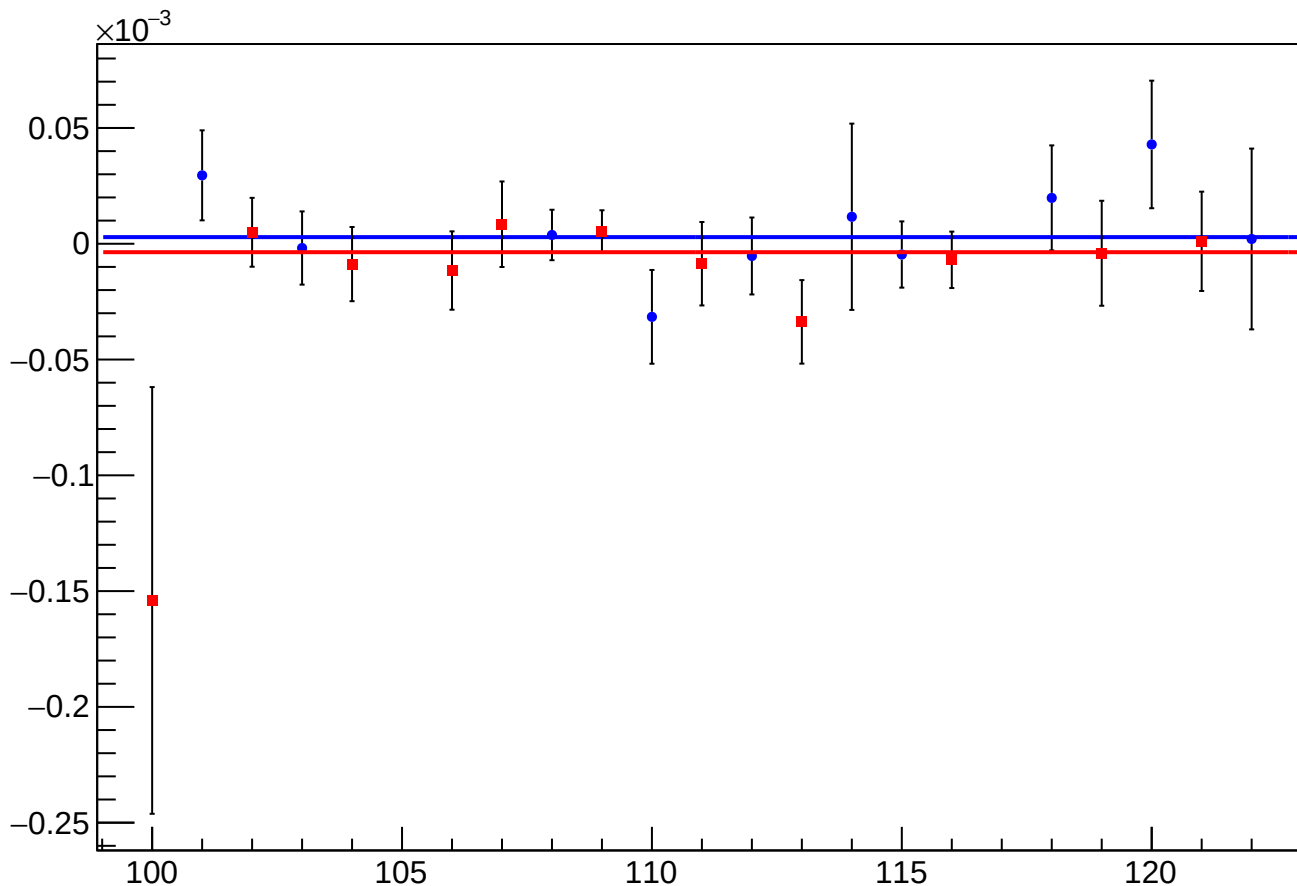
Right: 142.633+/-0.039 χ^2/NDF : 1796099.0/20

In: 145.778+/-0.056 χ^2/NDF : 909264.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.633+/-0.039 χ^2/NDF : 1796099.0/20

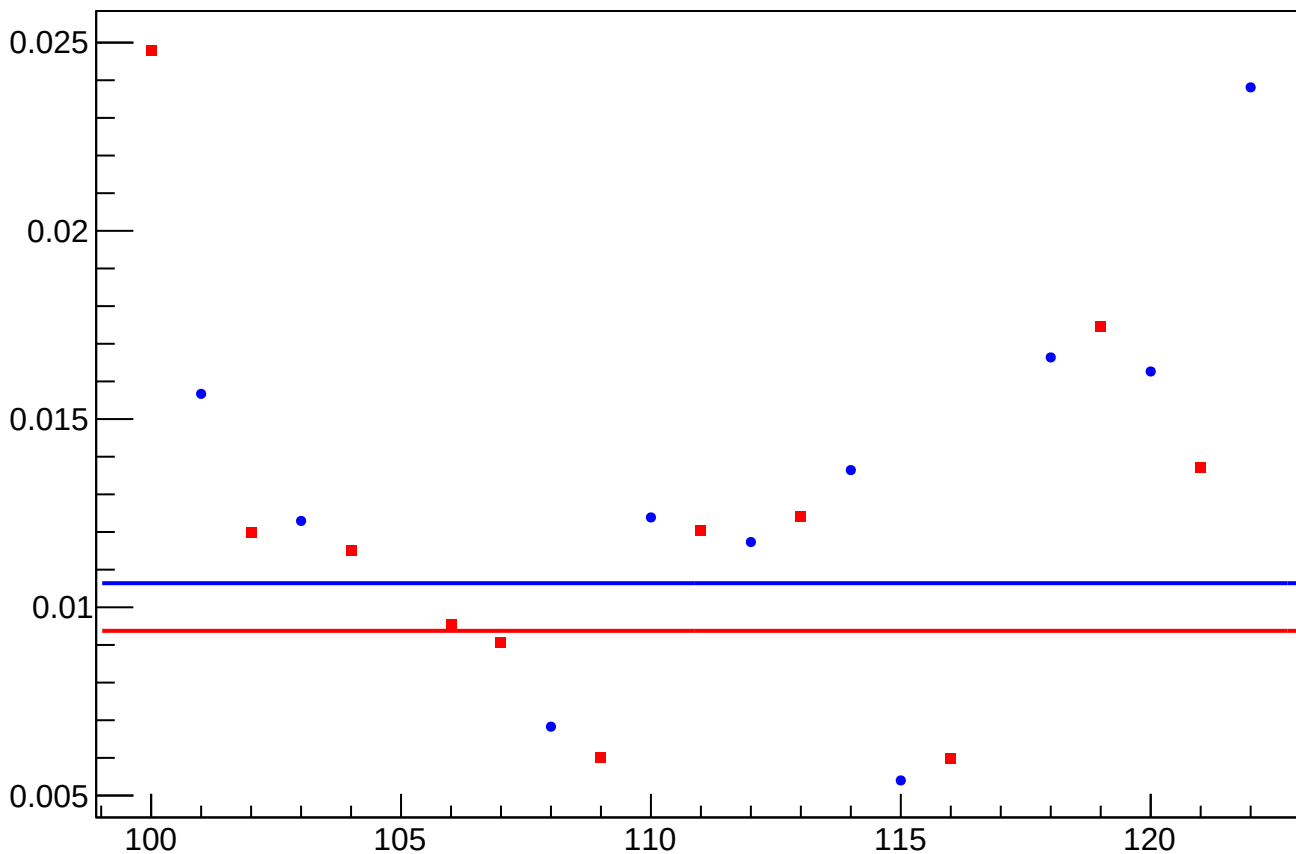
asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 7.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 16.6/20
 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 : 16.6/20

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 : 1025378.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

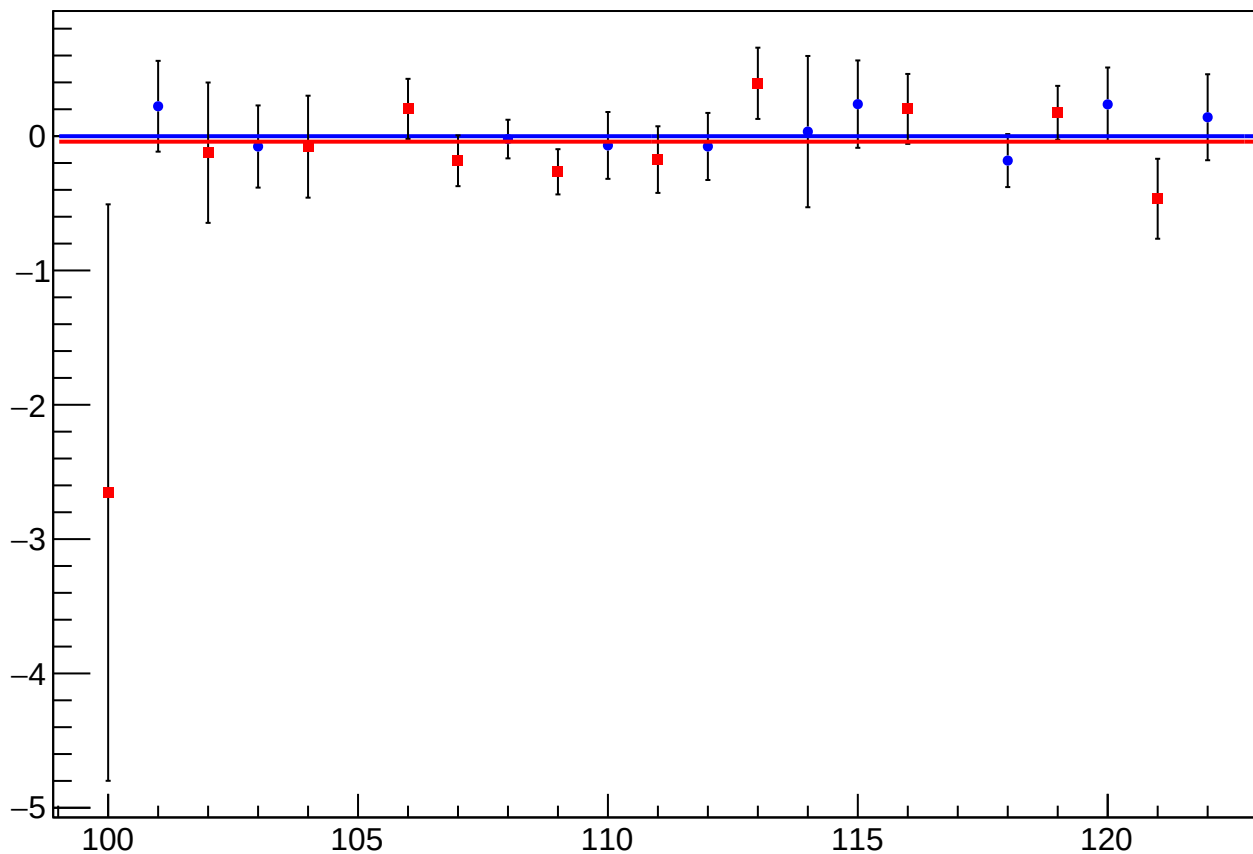
Right: 0.010+/-0.000 χ^2/NDF : 2238057.5/20

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 : 2238057.5/20

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 : 12.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

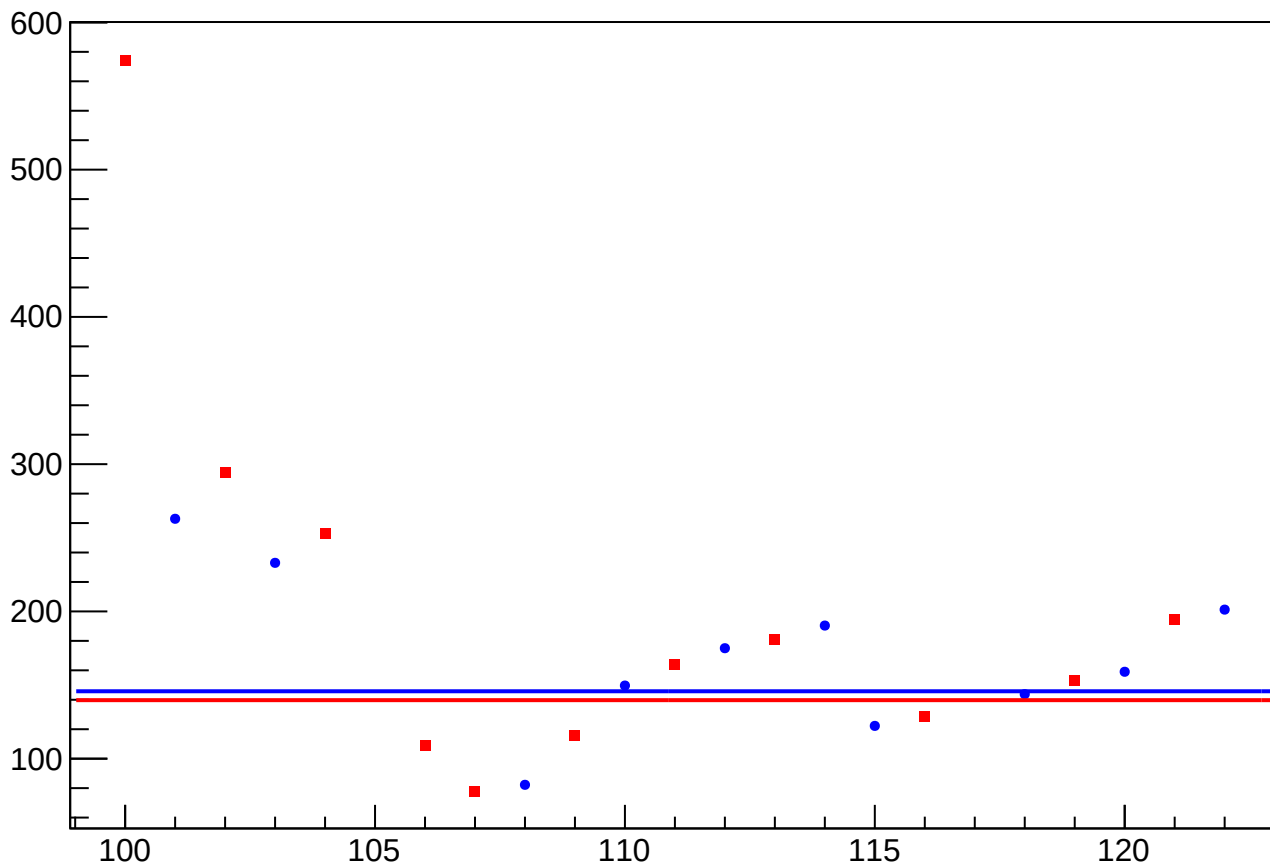
Right: -0.022 ± 0.054 χ^2/NDF : 15.2/20

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 : 15.2/20

asym_atl1r2_dd_eigen_dit_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: 139.740+/-0.053 χ^2/NDF : 880731.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

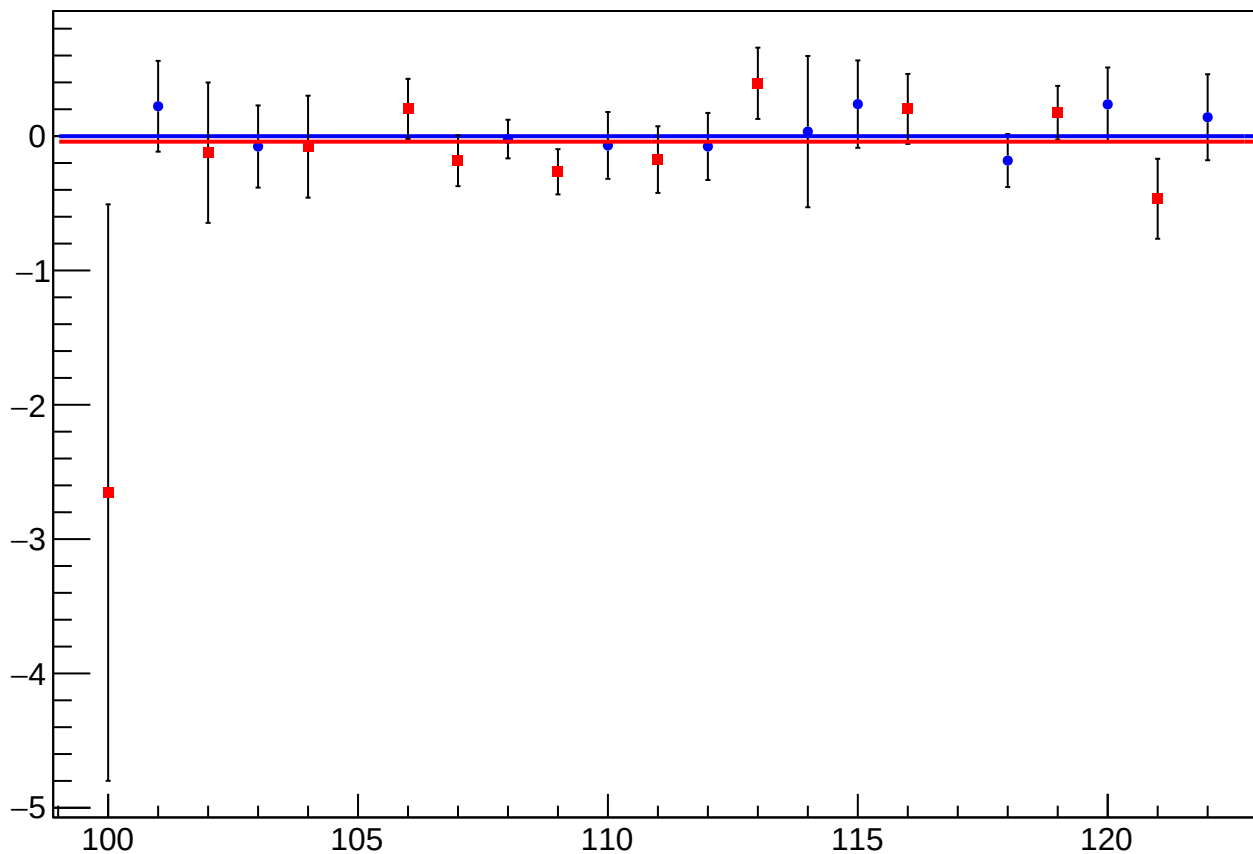
Right: 142.633+/-0.039 χ^2/NDF : 1796131.6/20

In: 145.778+/-0.056 χ^2/NDF : 909270.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.633+/-0.039 χ^2/NDF : 1796131.6/20

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 : 12.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

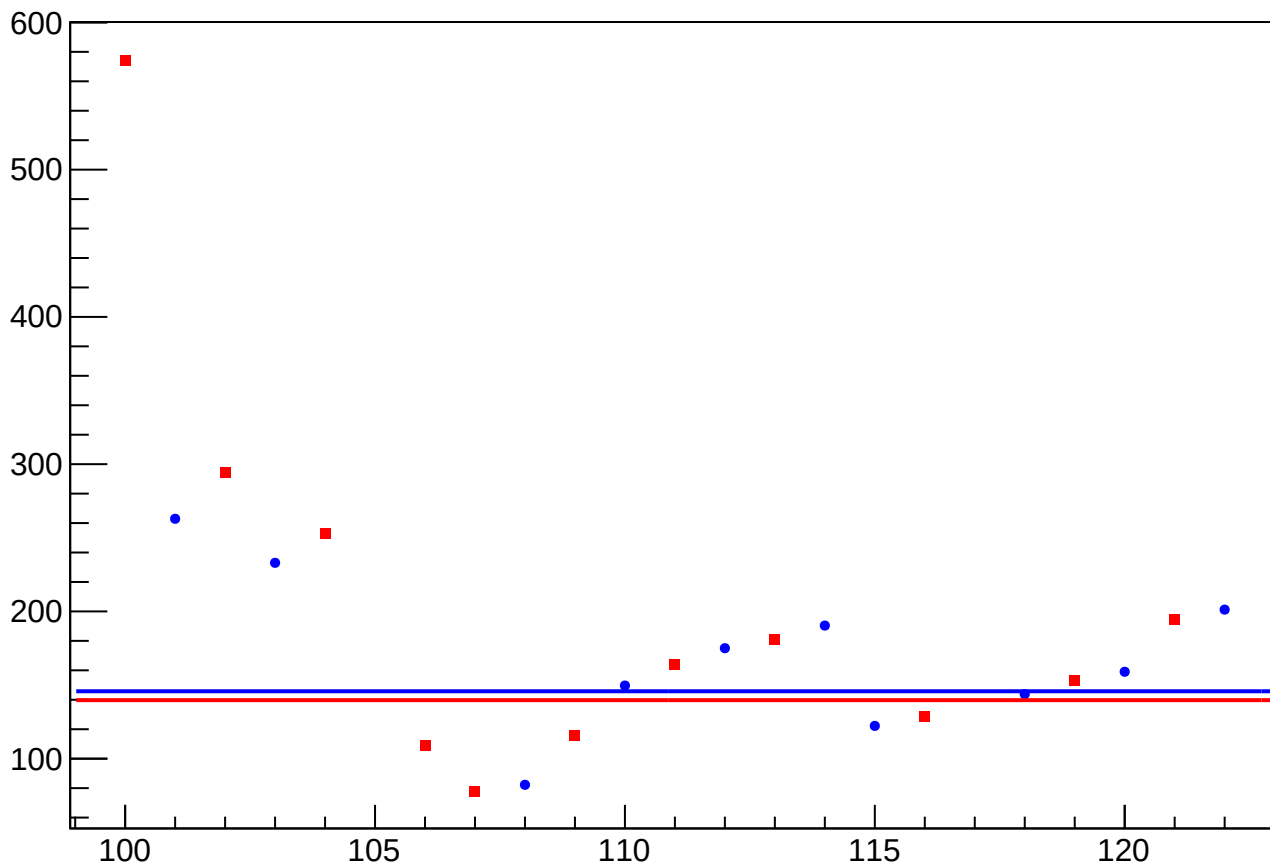
Right: -0.022 ± 0.054 χ^2/NDF : 15.2/20

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 : 15.2/20

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: 139.740+/-0.053 χ^2/NDF : 880731.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

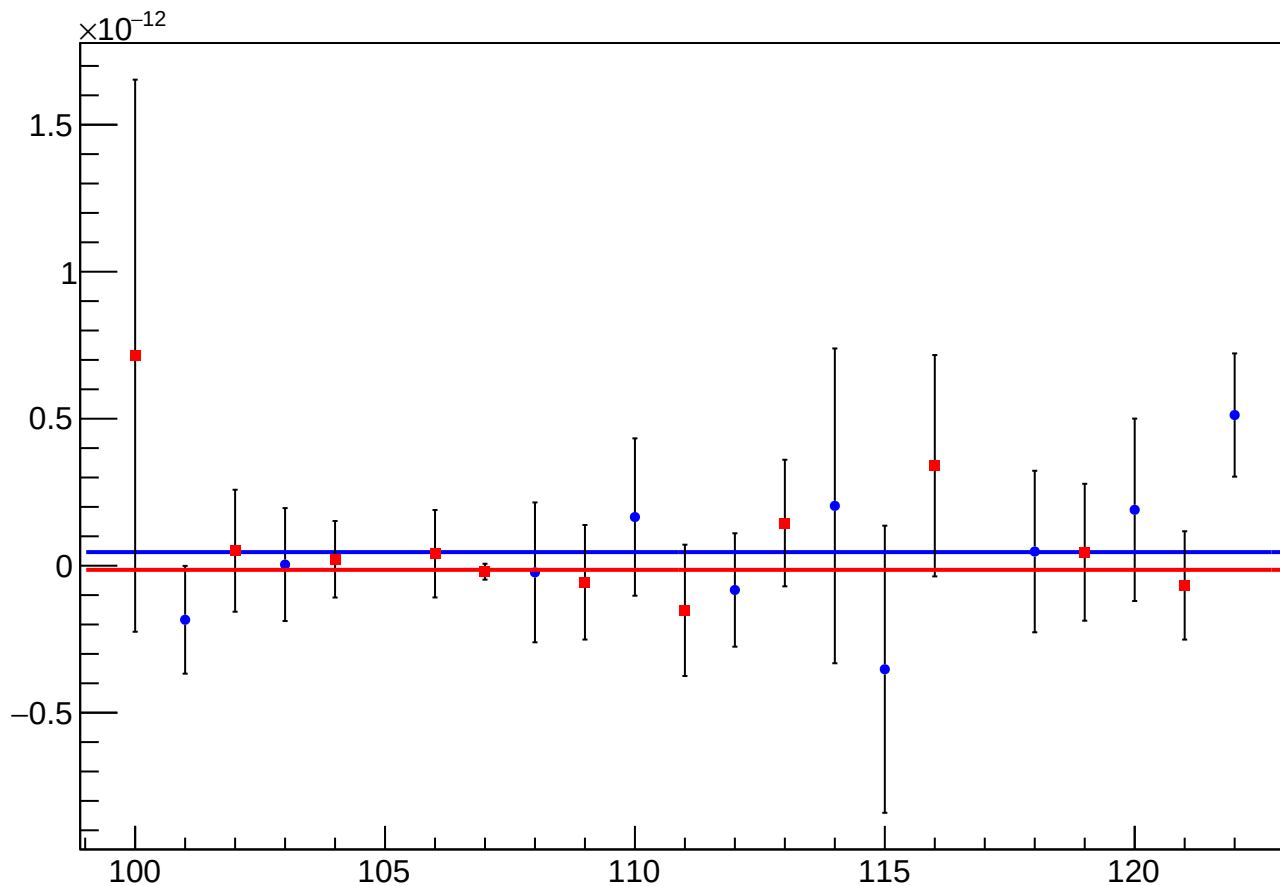
Right: 142.633+/-0.039 χ^2/NDF : 1796131.6/20

In: 145.778+/-0.056 χ^2/NDF : 909270.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.633+/-0.039 χ^2/NDF : 1796131.6/20

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 : 3.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

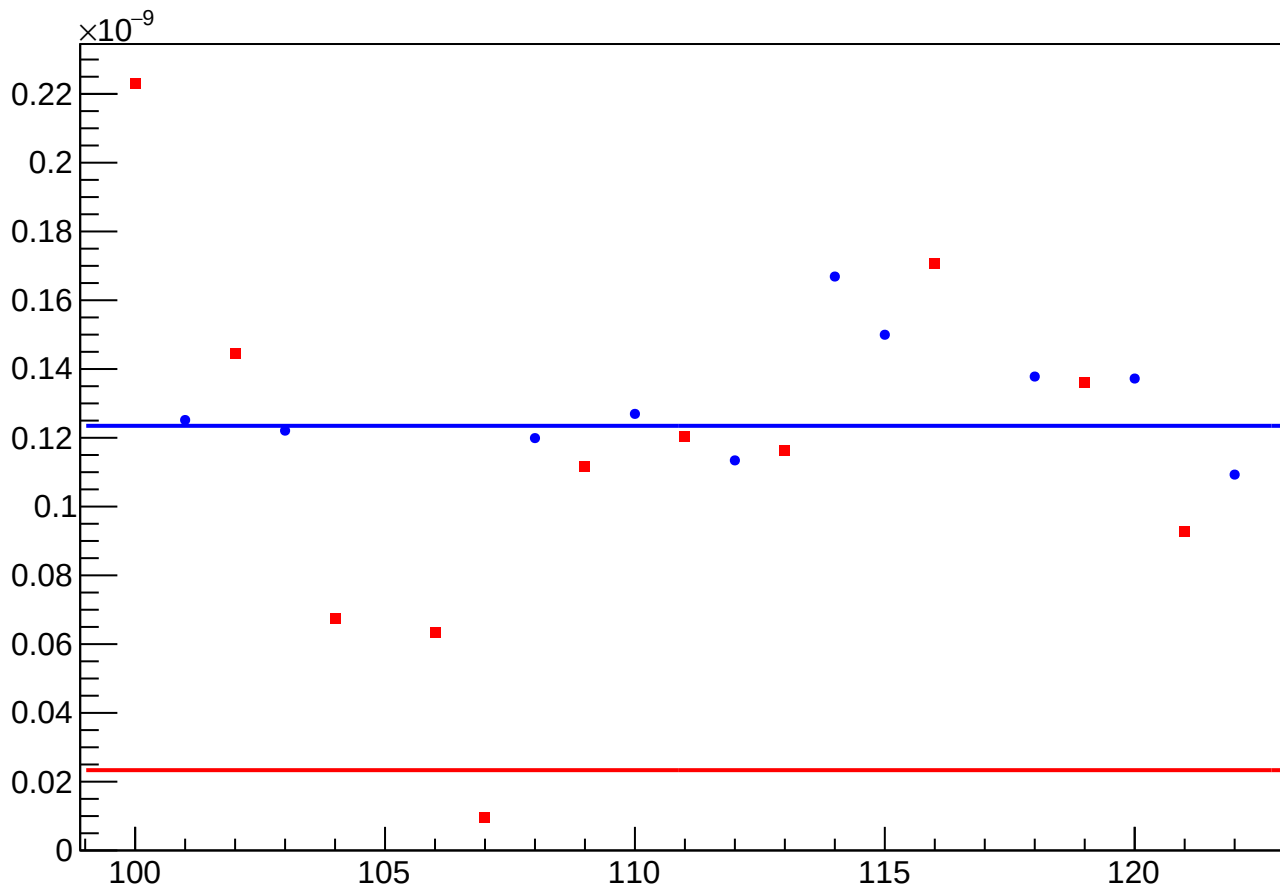
Right: -0.000+/-0.000 χ^2/NDF : 11.8/20

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 : 11.8/20

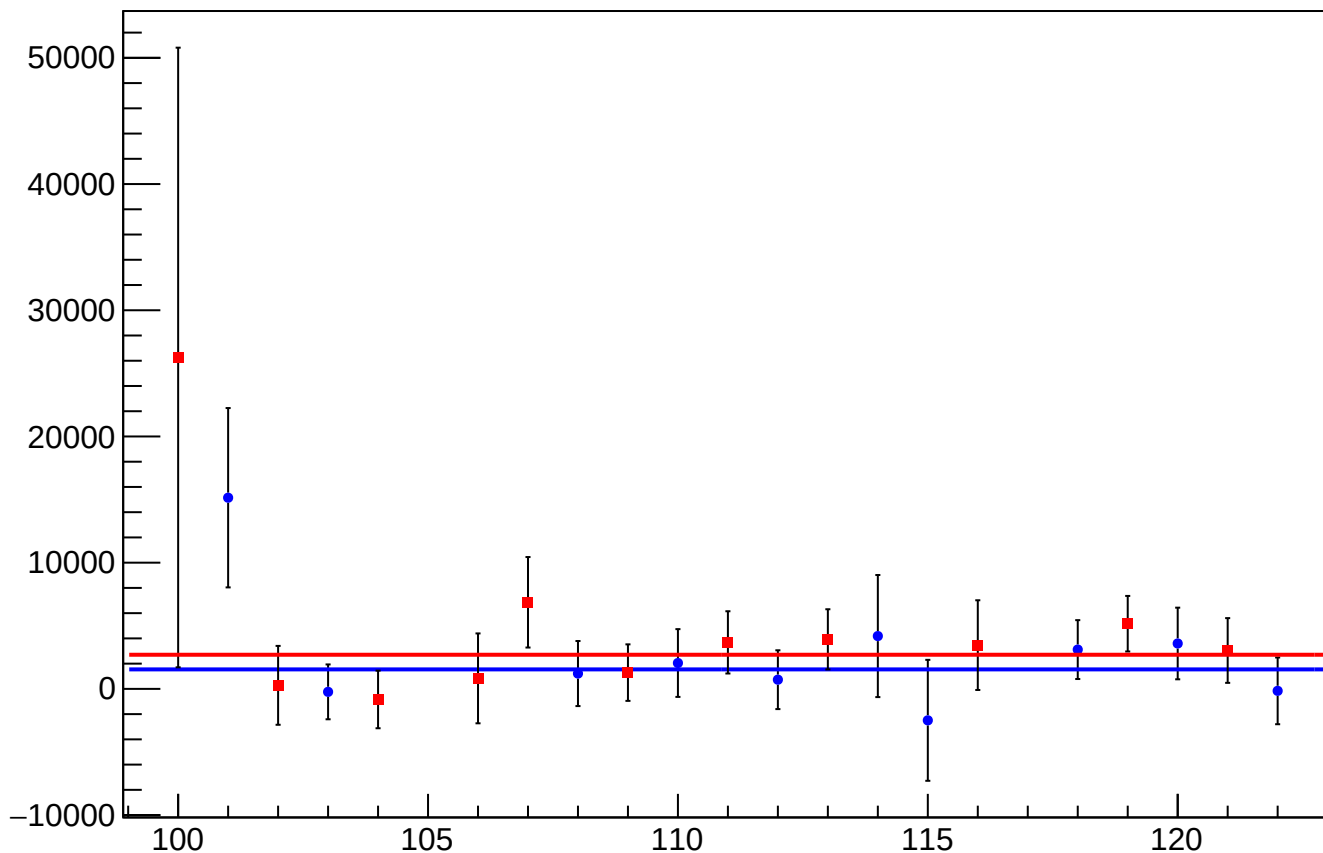
asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 3888968.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 7009708.5/20
 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 : 7009708.5/20

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: 2704.373+/-836.194 χ^2/NDF : 7.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

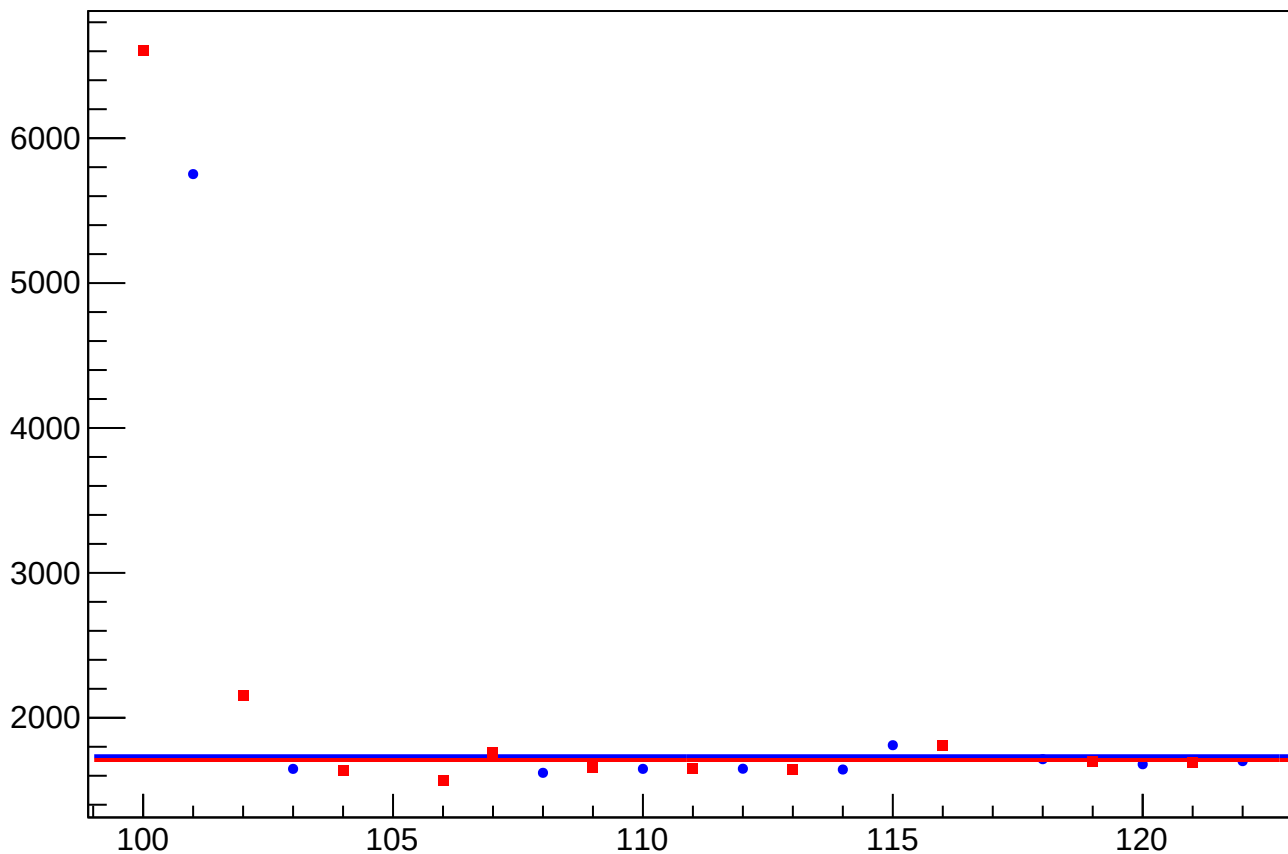
Right: 2164.931+/-611.699 χ^2/NDF : 15.5/20

In: 1543.952+/-897.167 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.931+/-611.699 χ^2/NDF : 15.5/20

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: 1708.689+/-0.584 χ^2/NDF : 132719.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

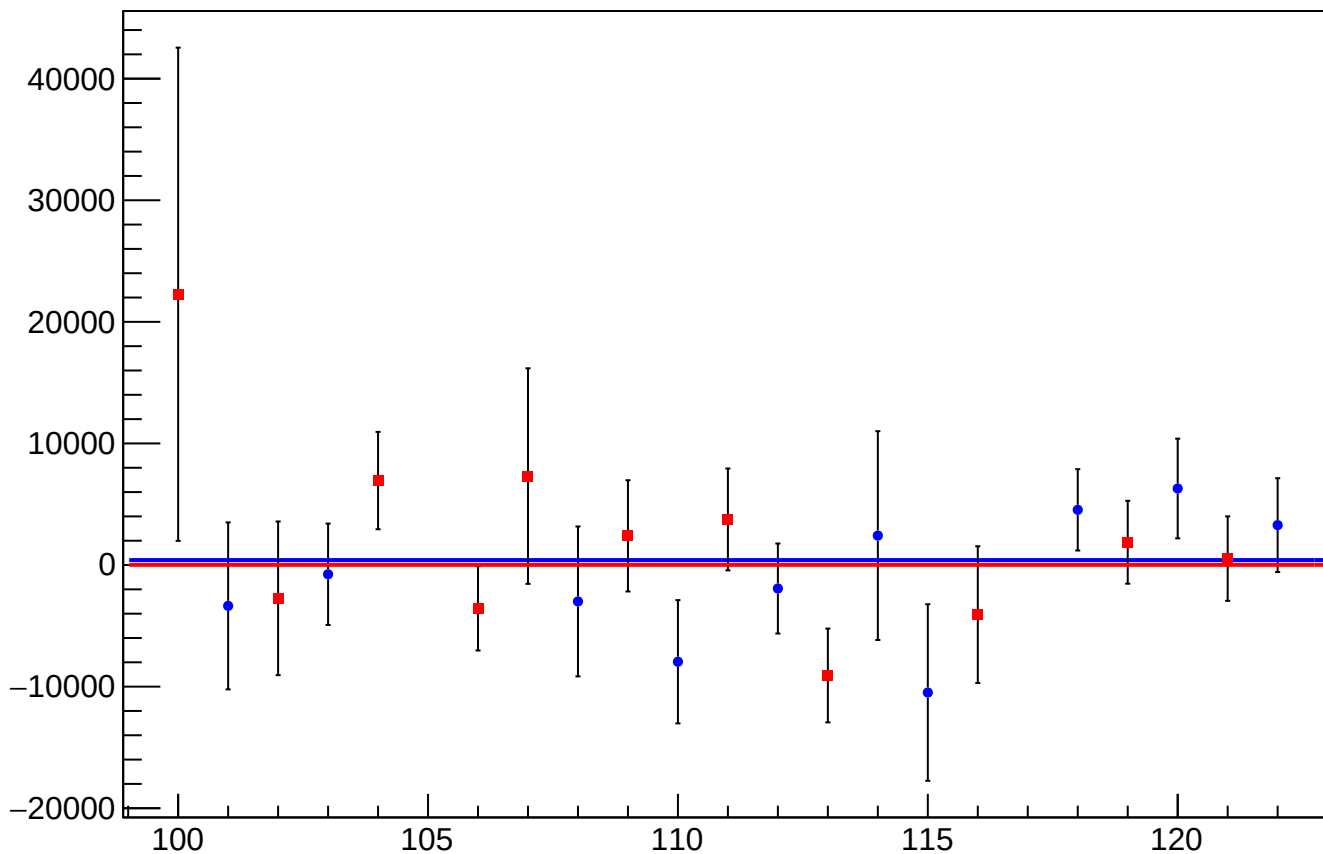
Right: 1720.563+/-0.430 χ^2/NDF : 787426.7/20

In: 1734.562+/-0.634 χ^2/NDF : 653806.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1720.563+/-0.430 χ^2/NDF : 787426.7/20

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: 18.493+/-1338.290 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

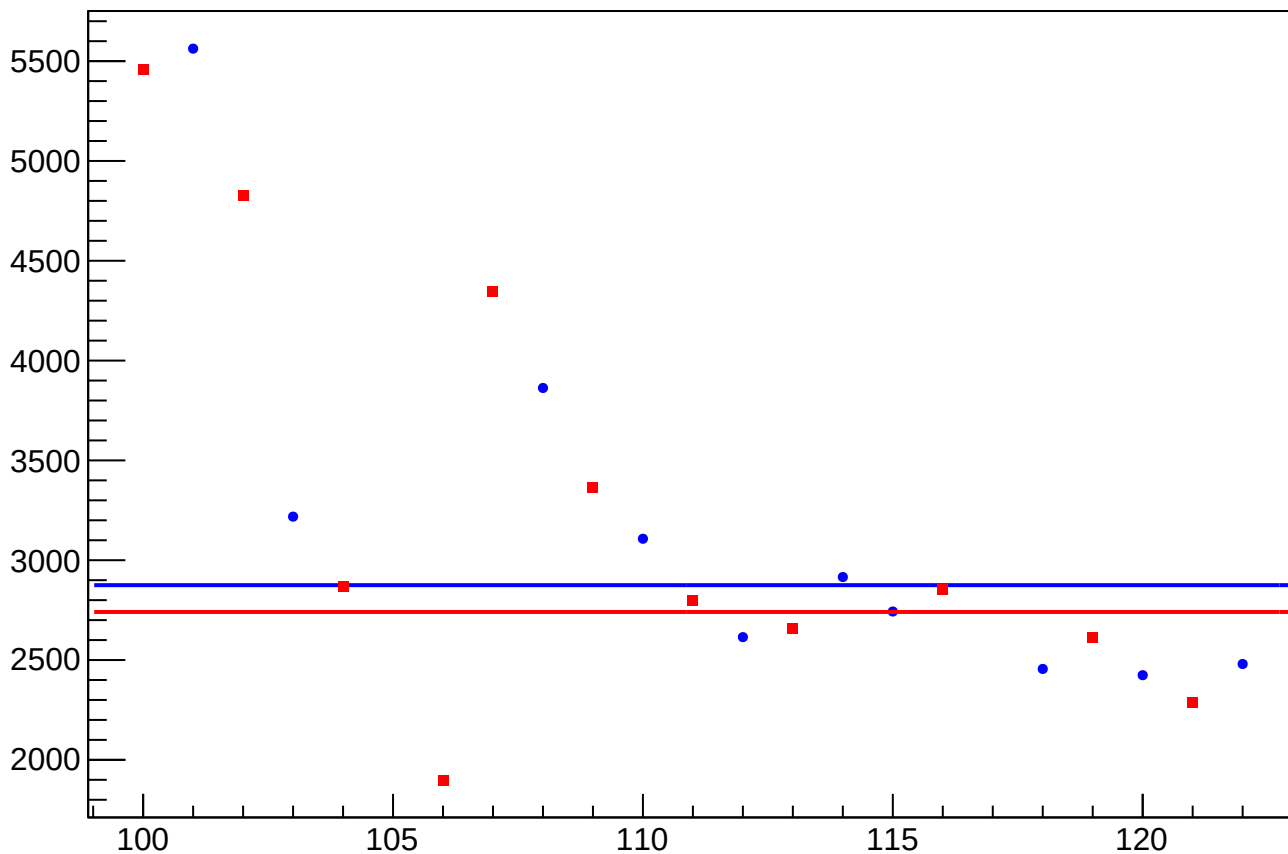
Right: 196.313+/-988.208 χ^2/NDF : 23.9/20

In: 409.522+/-1465.421 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.313+/-988.208 χ^2/NDF : 23.9/20

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: 2740.762+/-0.946 χ^2/NDF : 515554.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

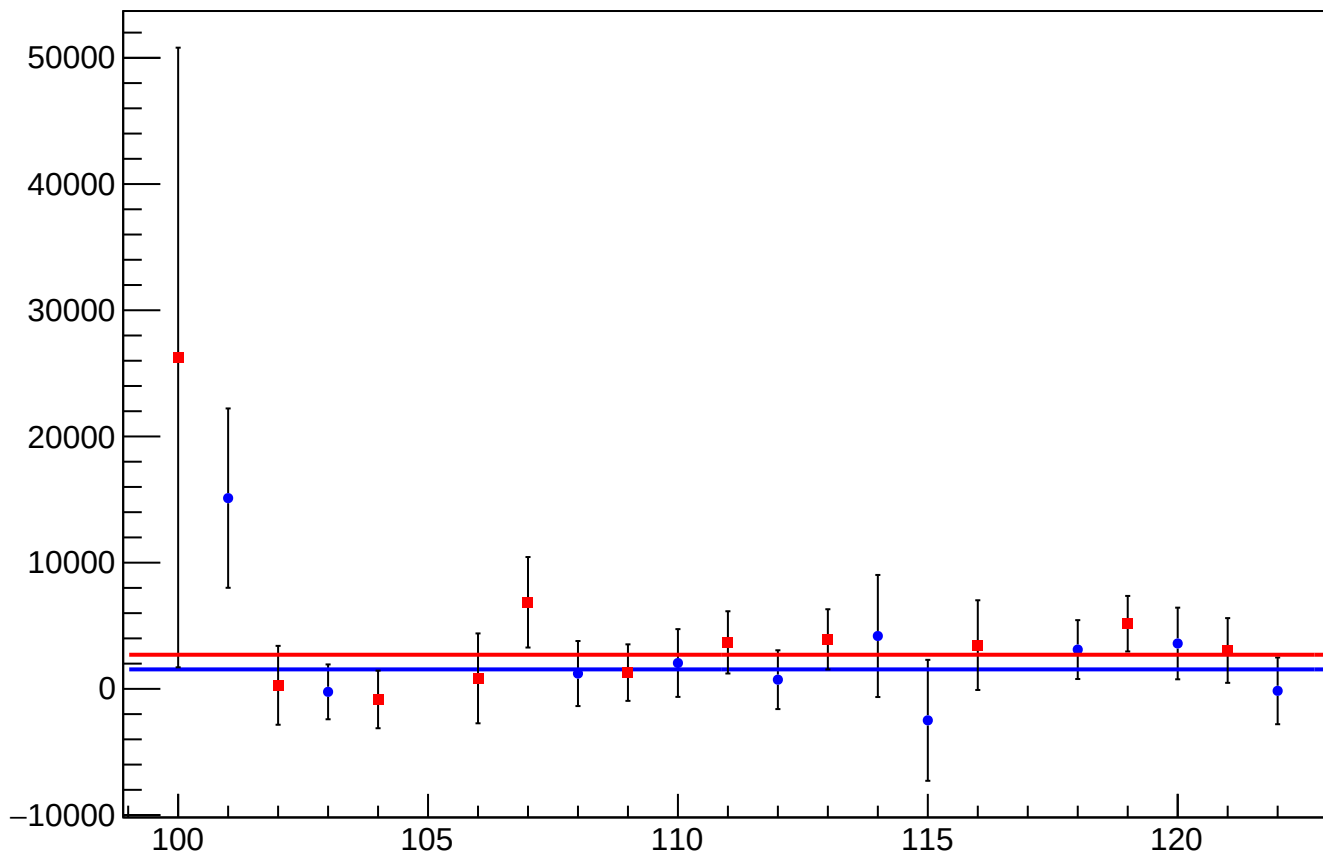
Right: 2801.811+/-0.699 χ^2/NDF : 987436.2/20

In: 2875.011+/-1.036 χ^2/NDF : 462729.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2801.811+/-0.699 χ^2/NDF : 987436.2/20

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: 2704.475+/-836.194 χ^2/NDF : 7.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

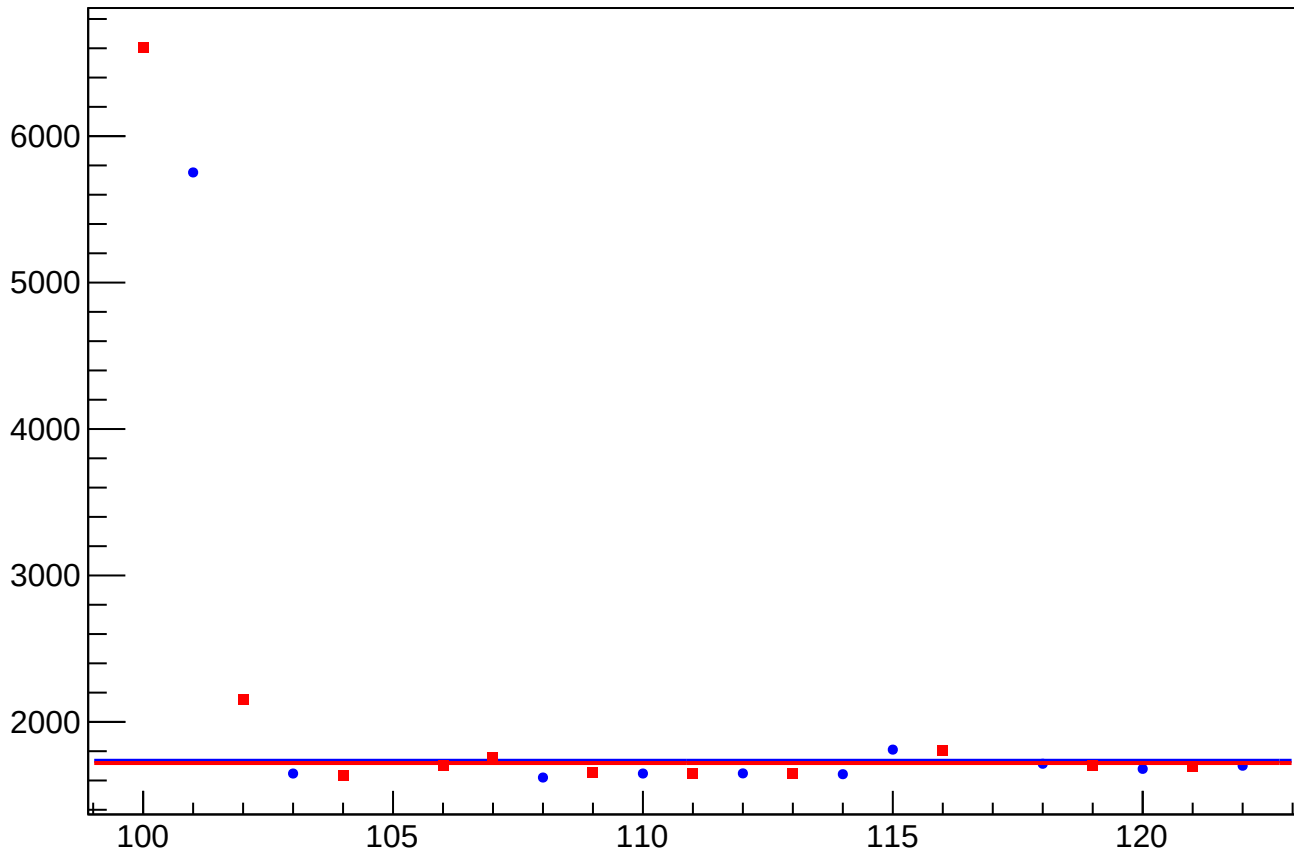
Right: 2164.786+/-611.699 χ^2/NDF : 15.5/20

In: 1543.522+/-897.167 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.786+/-611.699 χ^2/NDF : 15.5/20

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: 1719.190+/-0.588 χ^2/NDF : 127878.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

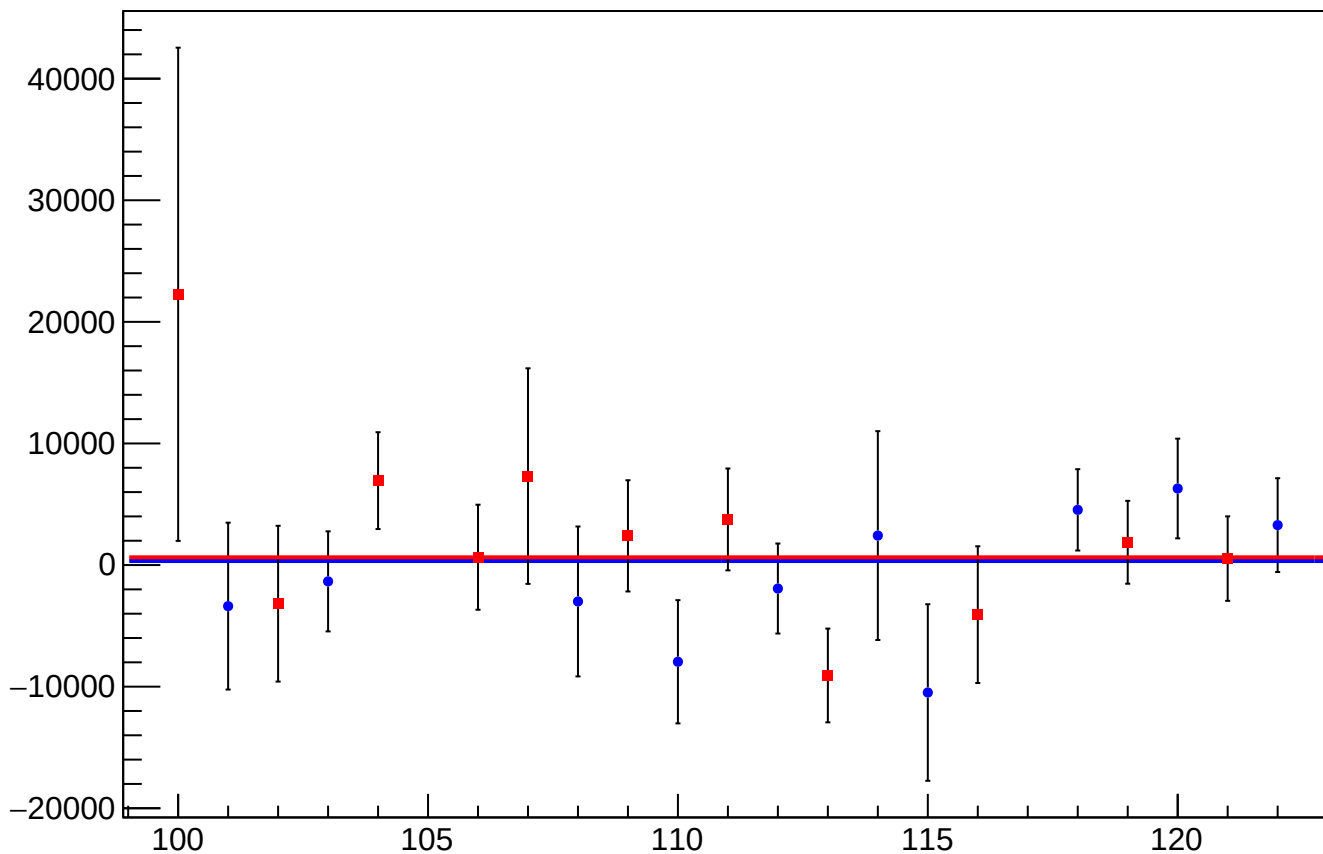
Right: 1726.289+/-0.431 χ^2/NDF : 782001.8/20

In: 1734.562+/-0.634 χ^2/NDF : 653807.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.289+/-0.431 χ^2/NDF : 782001.8/20

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: 635.319+/-1375.128 χ^2/NDF : 12.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

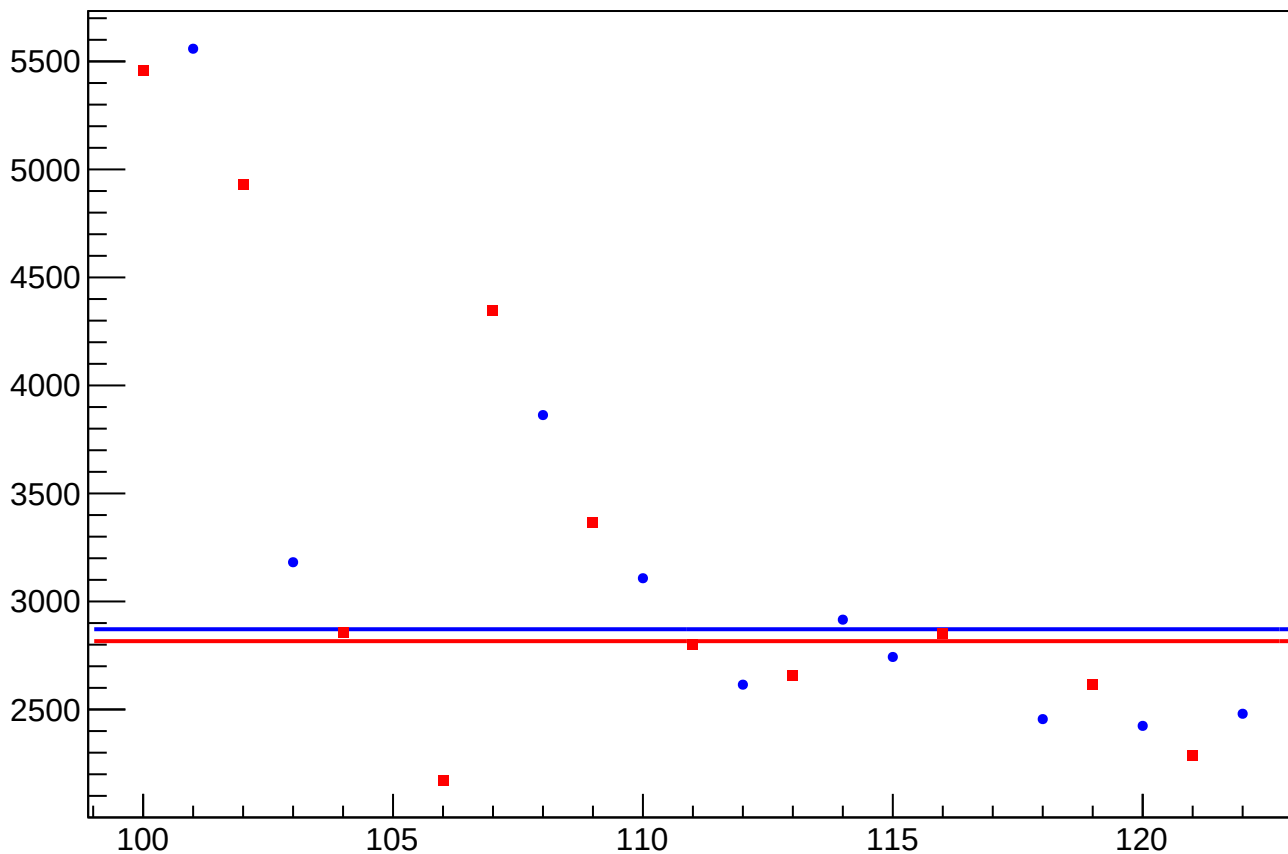
Right: 492.686+/-1002.012 χ^2/NDF : 22.8/20

In: 331.226+/-1463.073 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 492.686+/-1002.012 χ^2/NDF : 22.8/20

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: 2816.238+/-0.972 χ^2/NDF : 440801.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

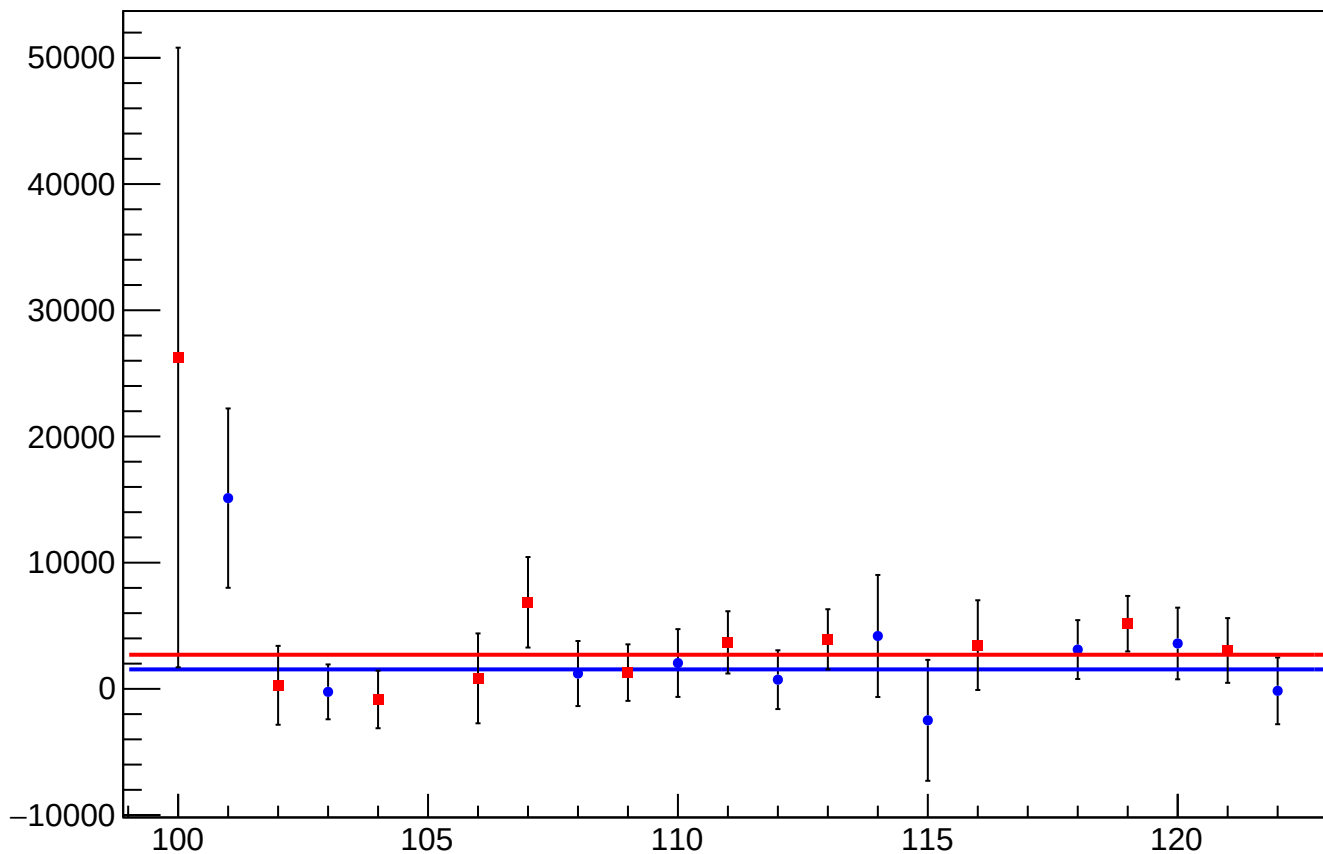
Right: 2842.130+/-0.709 χ^2/NDF : 902084.9/20

In: 2871.440+/-1.035 χ^2/NDF : 459772.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2842.130+/-0.709 χ^2/NDF : 902084.9/20

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: 2704.475+/-836.194 χ^2/NDF : 7.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

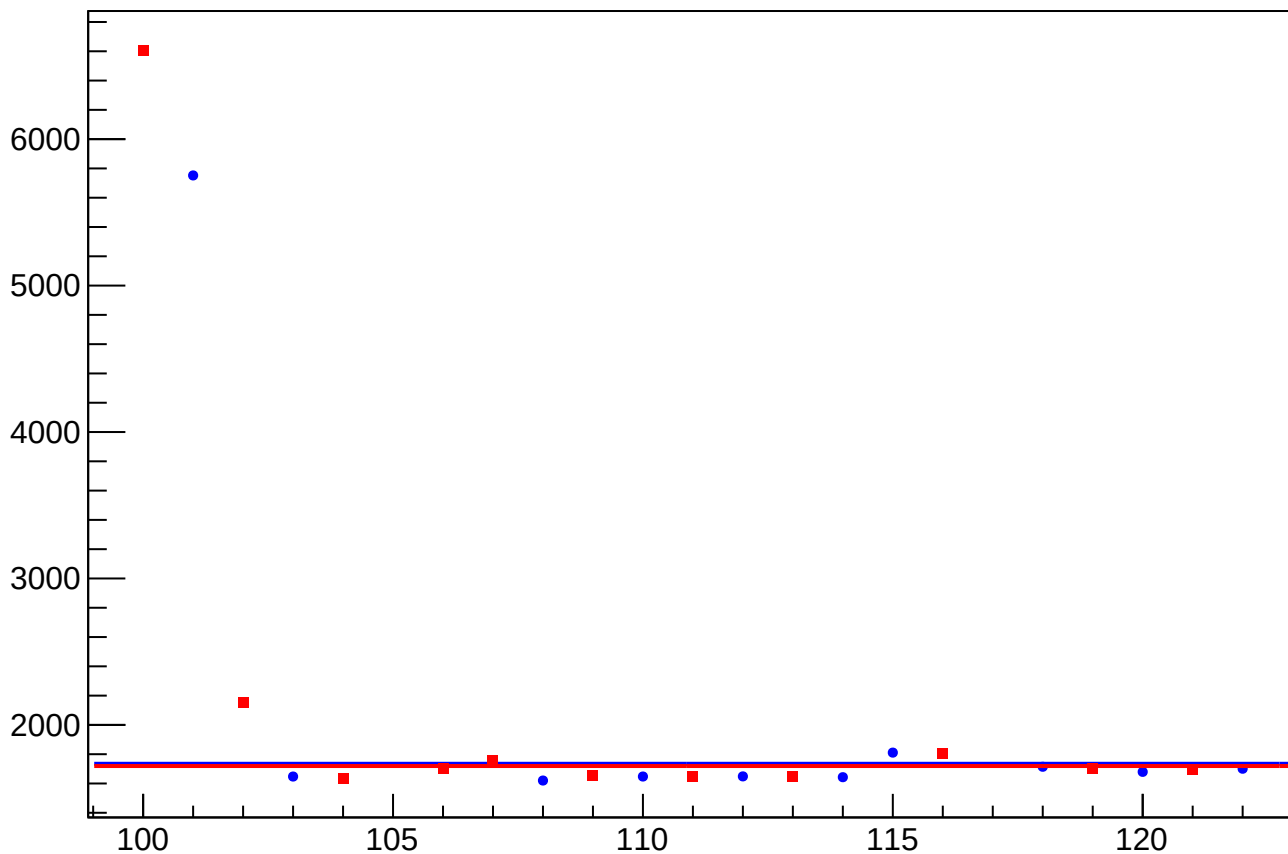
Right: 2164.786+/-611.699 χ^2/NDF : 15.5/20

In: 1543.522+/-897.167 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.786+/-611.699 χ^2/NDF : 15.5/20

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: 1719.190+/-0.588 χ^2/NDF : 127878.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

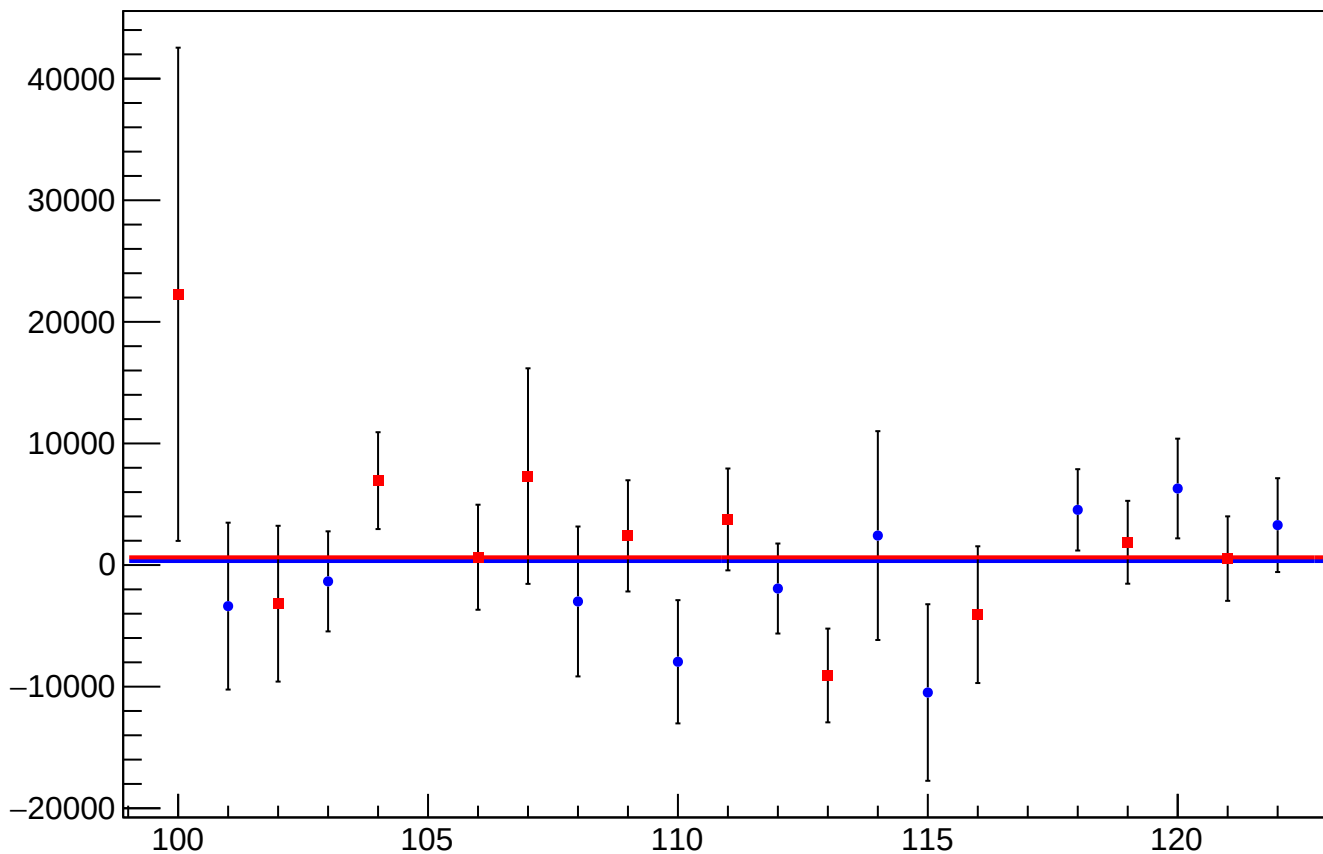
Right: 1726.289+/-0.431 χ^2/NDF : 782001.8/20

In: 1734.562+/-0.634 χ^2/NDF : 653807.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.289+/-0.431 χ^2/NDF : 782001.8/20

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: 635.319+/-1375.128 χ^2/NDF : 12.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

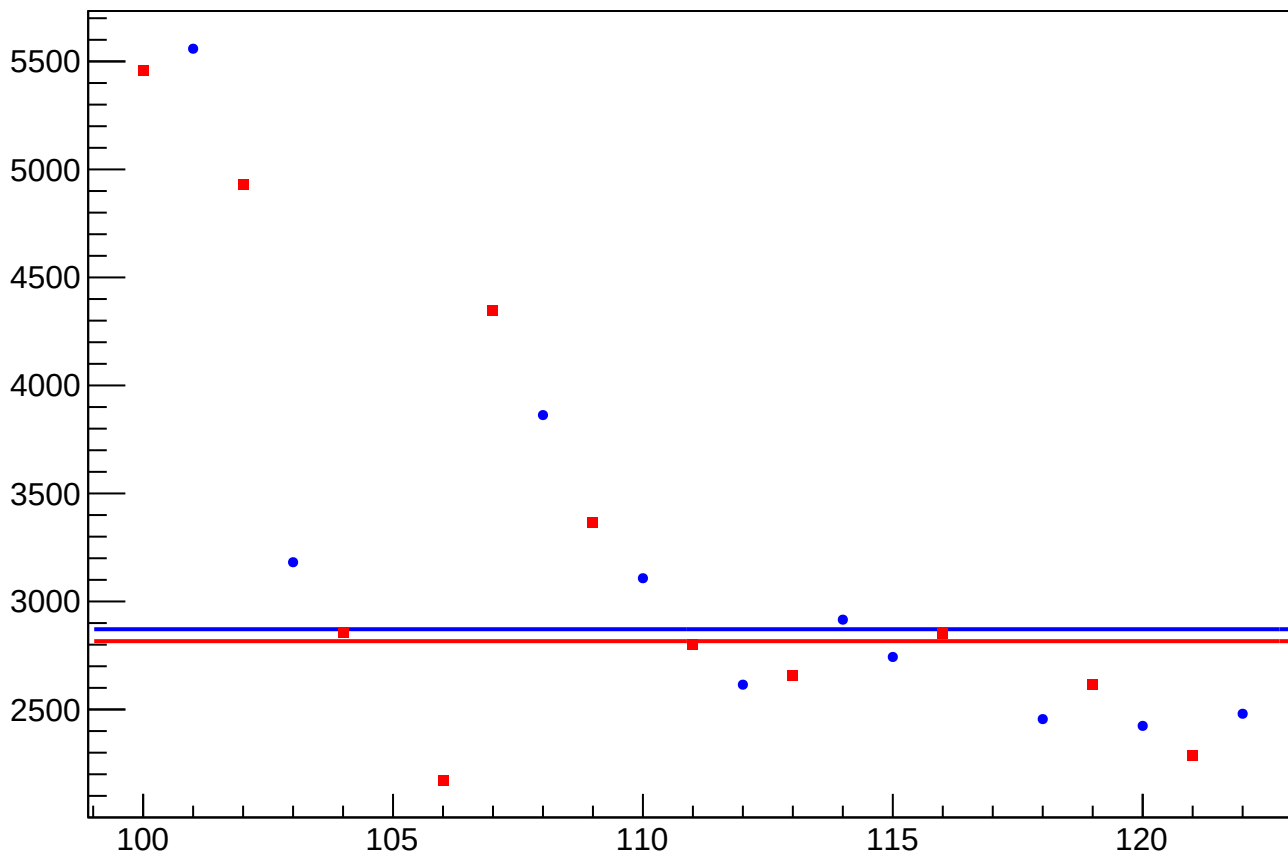
Right: 492.686+/-1002.012 χ^2/NDF : 22.8/20

In: 331.226+/-1463.073 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 492.686+/-1002.012 χ^2/NDF : 22.8/20

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: 2816.238+/-0.972 χ^2/NDF : 440801.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

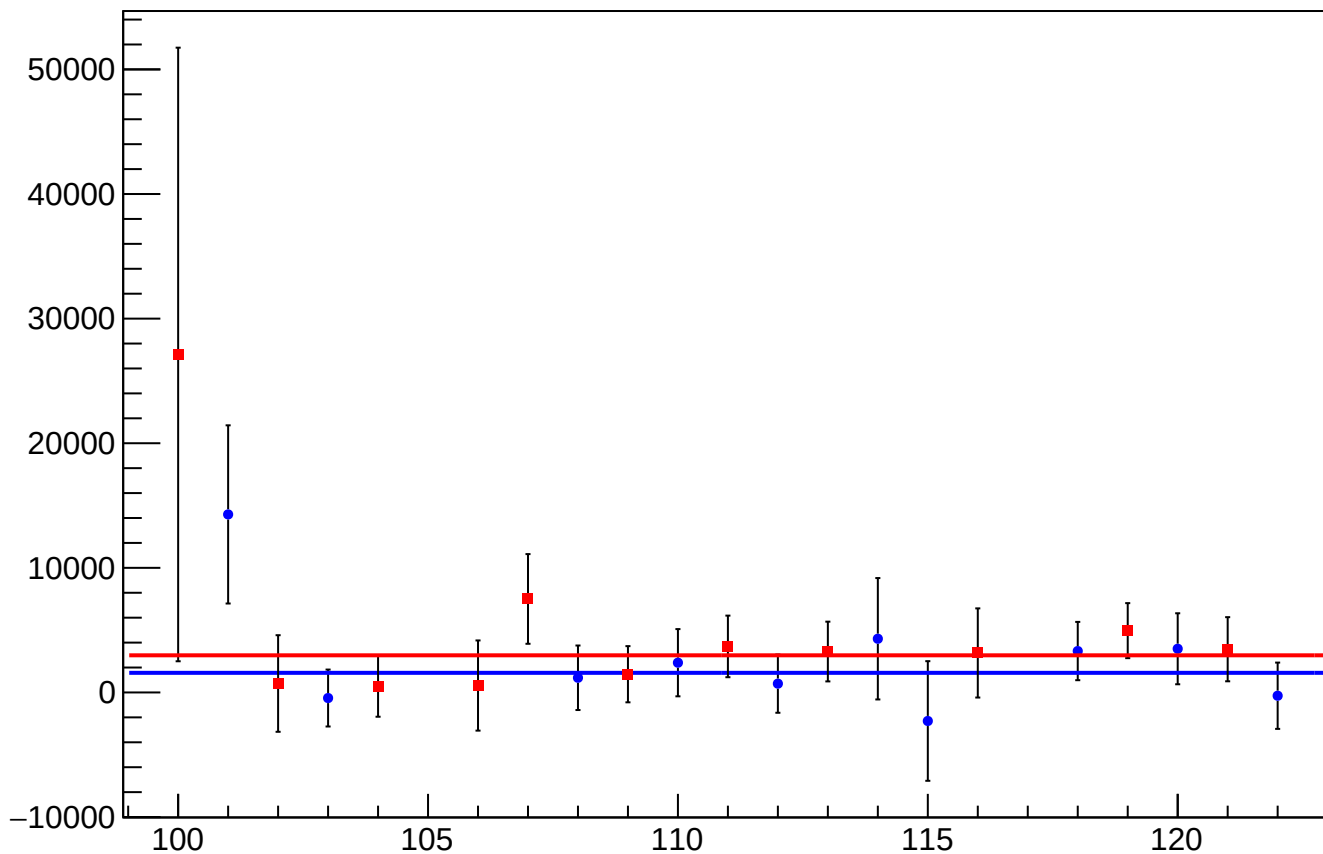
Right: 2842.130+/-0.709 χ^2/NDF : 902084.9/20

In: 2871.440+/-1.035 χ^2/NDF : 459772.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2842.130+/-0.709 χ^2/NDF : 902084.9/20

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: 2980.534+/-857.906 χ^2 /NDF: 5.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

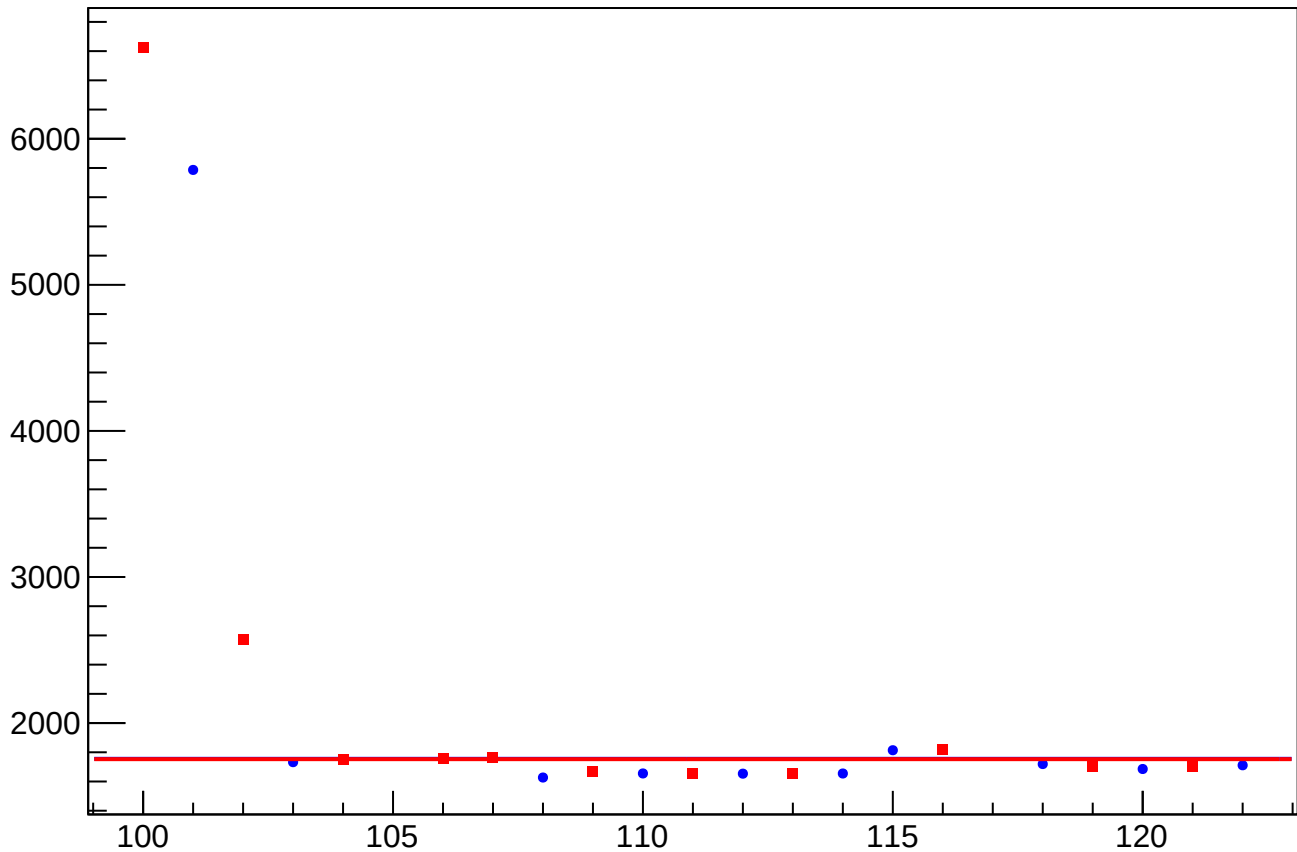
Right: 2316.989+/-623.489 χ^2 /NDF: 13.7/20

In: 1574.198+/-907.691 χ^2 /NDF:6.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2316.989+/-623.489 χ^2 /NDF: 13.7/20

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: 1752.958+/-0.604 χ^2/NDF : 180304.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

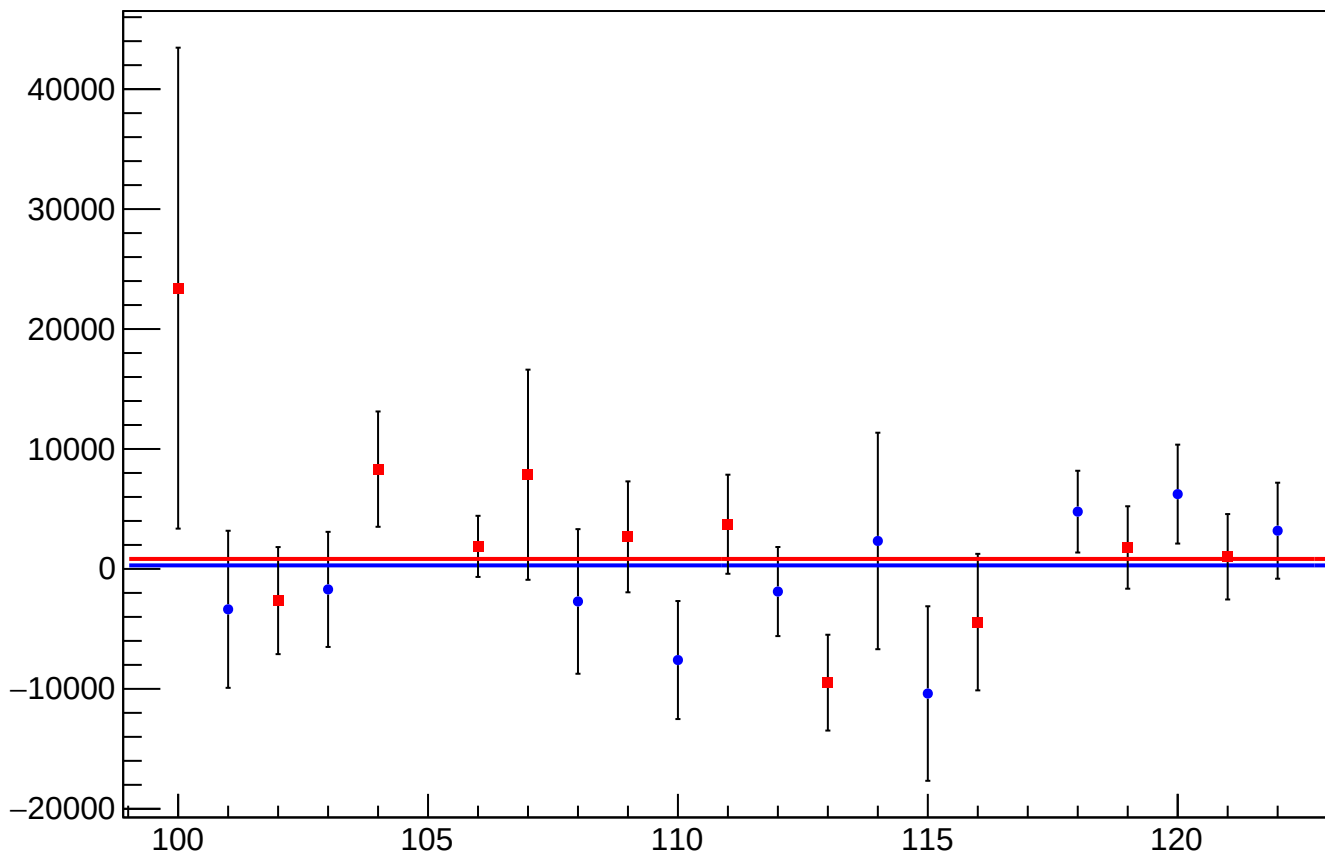
Right: 1754.020+/-0.440 χ^2/NDF : 831156.3/20

In: 1755.220+/-0.642 χ^2/NDF : 650845.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1754.020+/-0.440 χ^2/NDF : 831156.3/20

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: 833.018+/-1264.408 χ^2/NDF : 13.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

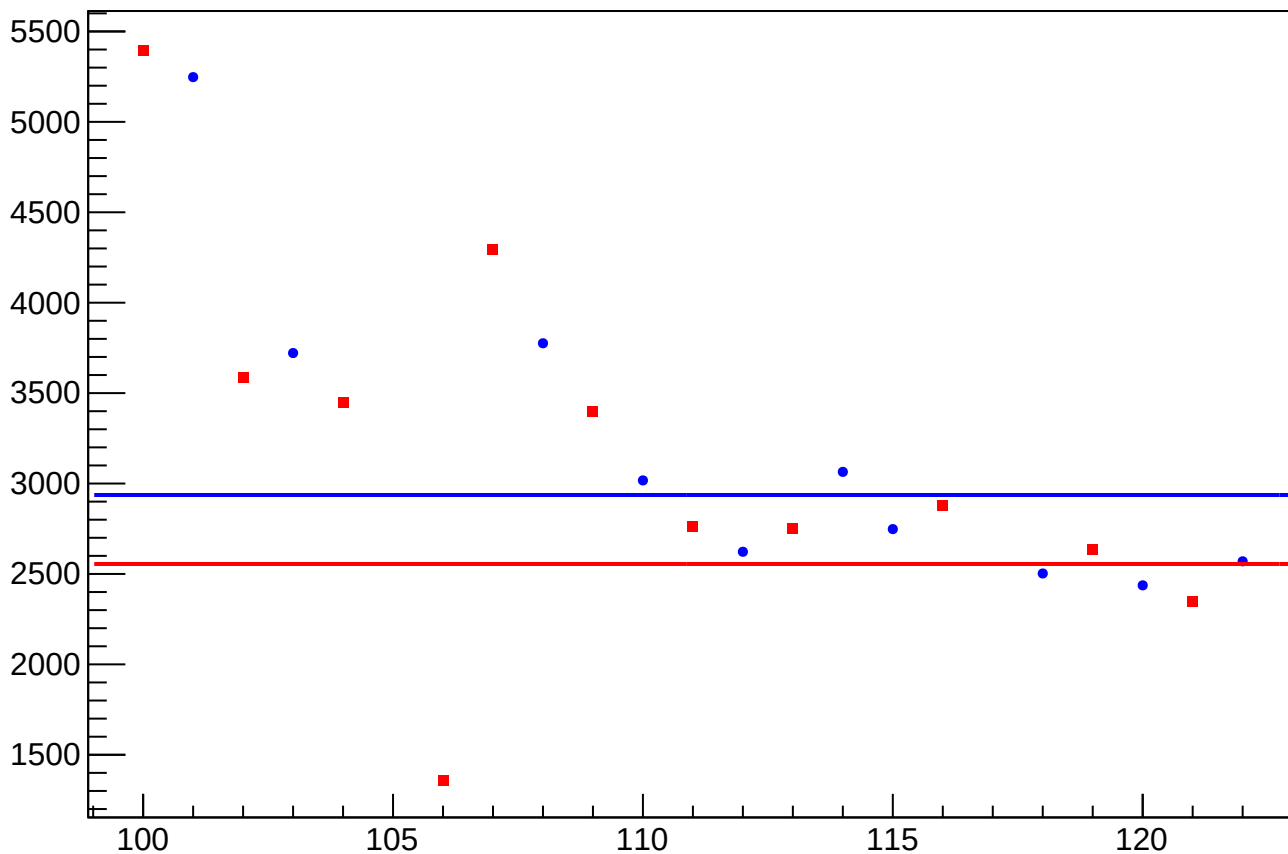
Right: 608.640+/-965.790 χ^2/NDF : 23.6/20

In: 294.383+/-1496.374 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.640+/-965.790 χ^2/NDF : 23.6/20

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: 2555.185+/-0.894 χ^2/NDF : 827805.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

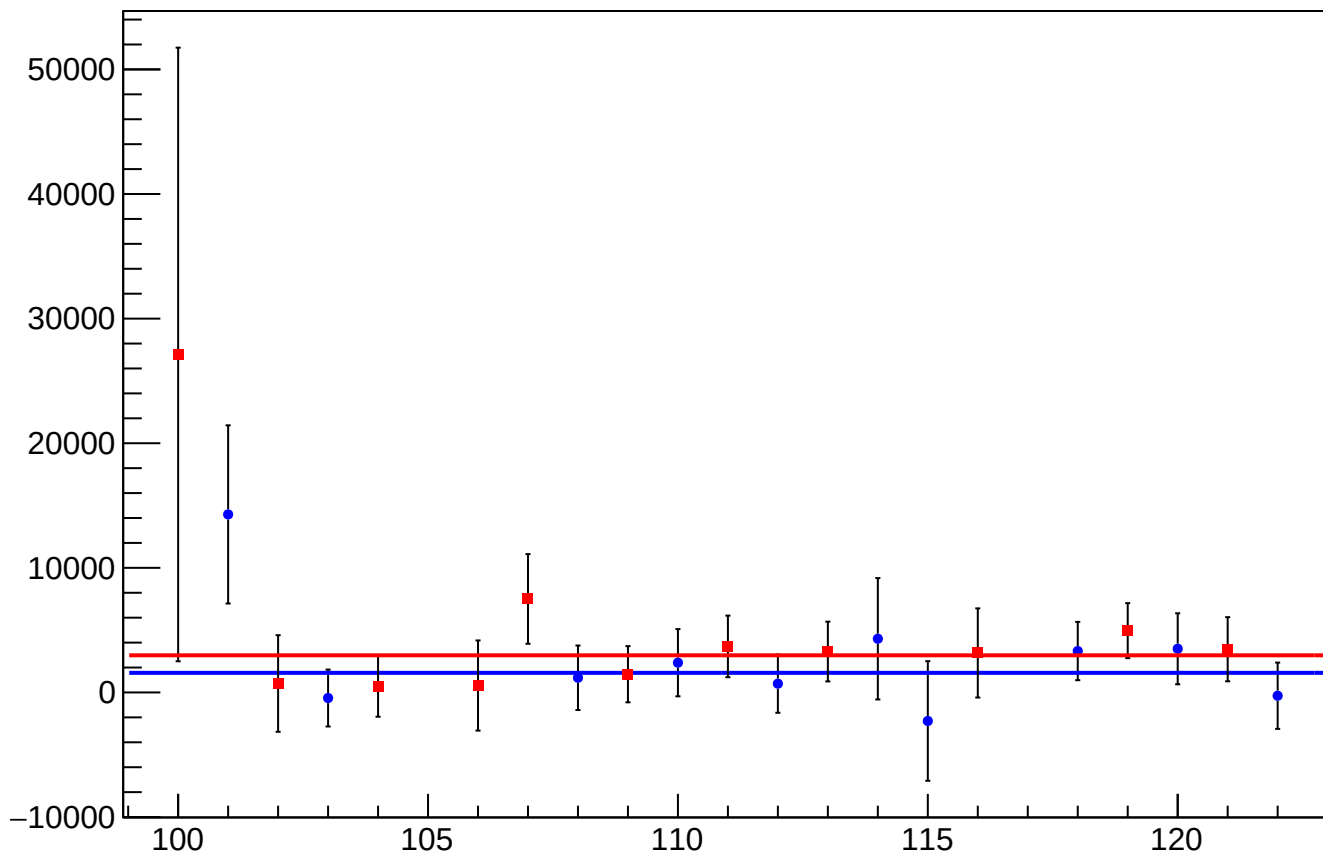
Right: 2714.081+/-0.683 χ^2/NDF : 1340152.4/20

In: 2936.625+/-1.058 χ^2/NDF : 436525.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2714.081+/-0.683 χ^2/NDF : 1340152.4/20

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: 2980.541+/-857.906 χ^2/NDF : 5.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

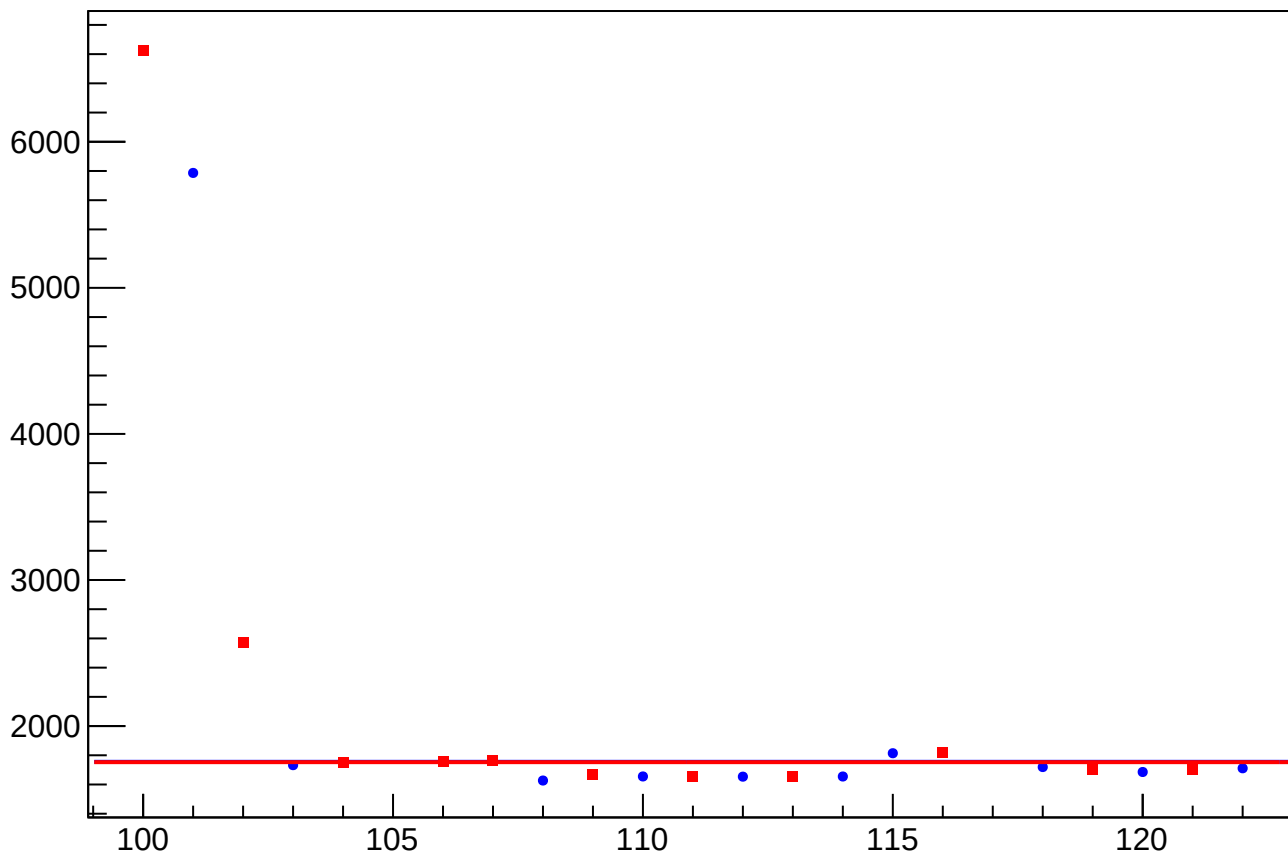
Right: 2316.994+/-623.489 χ^2/NDF : 13.7/20

In: 1574.199+/-907.691 χ^2/NDF : 6.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2316.994+/-623.489 χ^2/NDF : 13.7/20

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: 1752.958+/-0.604 χ^2/NDF : 180304.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

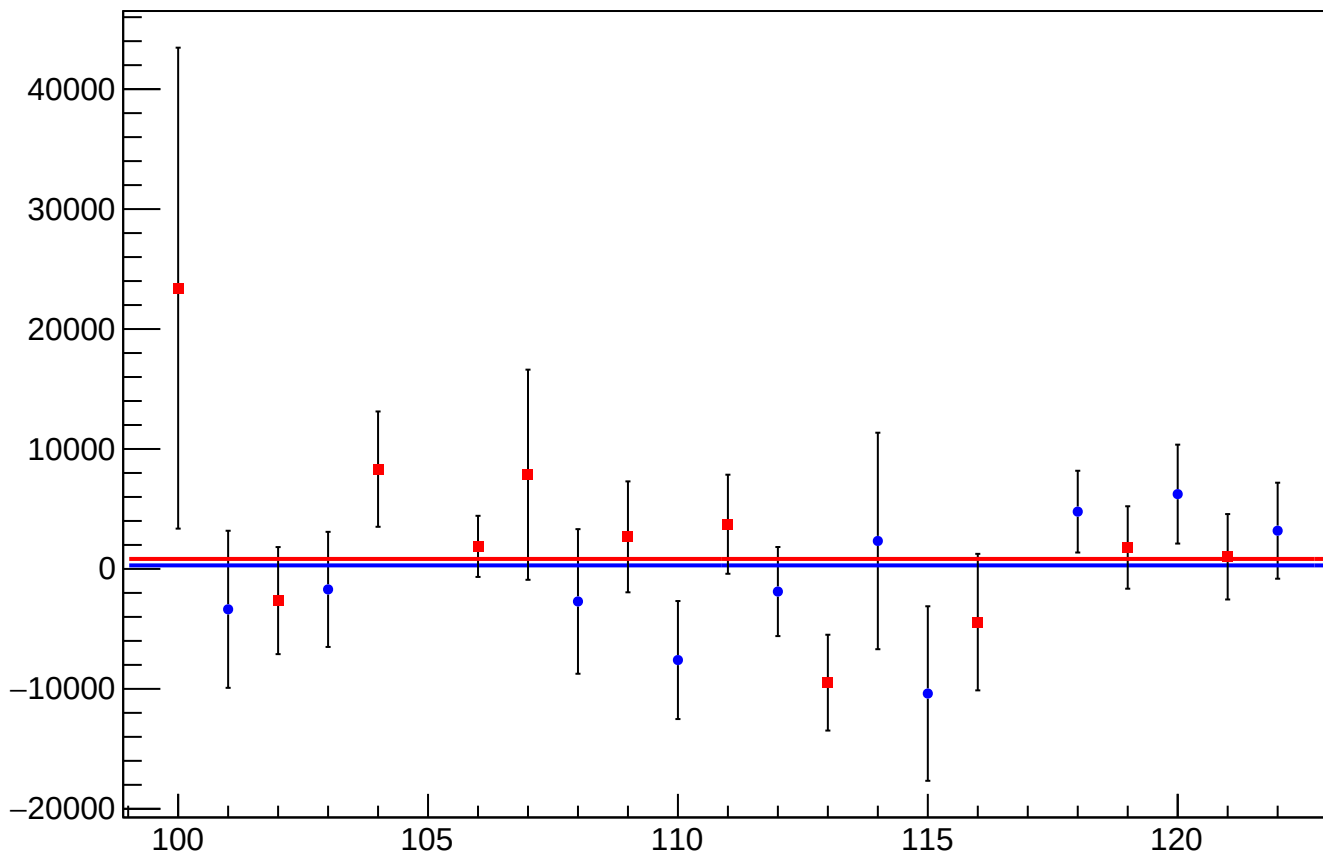
Right: 1754.020+/-0.440 χ^2/NDF : 831156.1/20

In: 1755.220+/-0.642 χ^2/NDF : 650844.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1754.020+/-0.440 χ^2/NDF : 831156.1/20

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: 833.016+/-1264.403 χ^2/NDF : 13.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

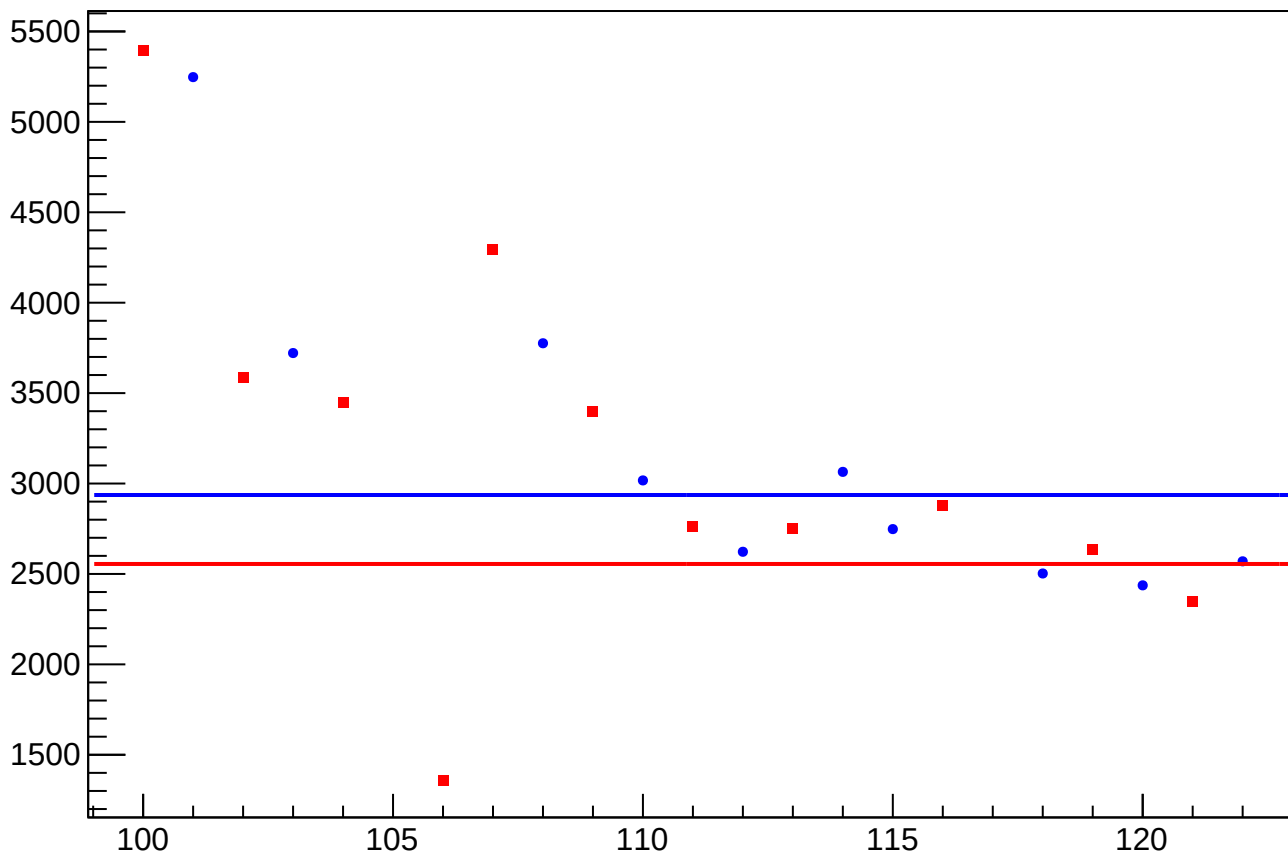
Right: 608.641+/-965.786 χ^2/NDF : 23.6/20

In: 294.387+/-1496.368 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.641+/-965.786 χ^2/NDF : 23.6/20

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: 2555.172+/-0.894 χ^2/NDF : 827817.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

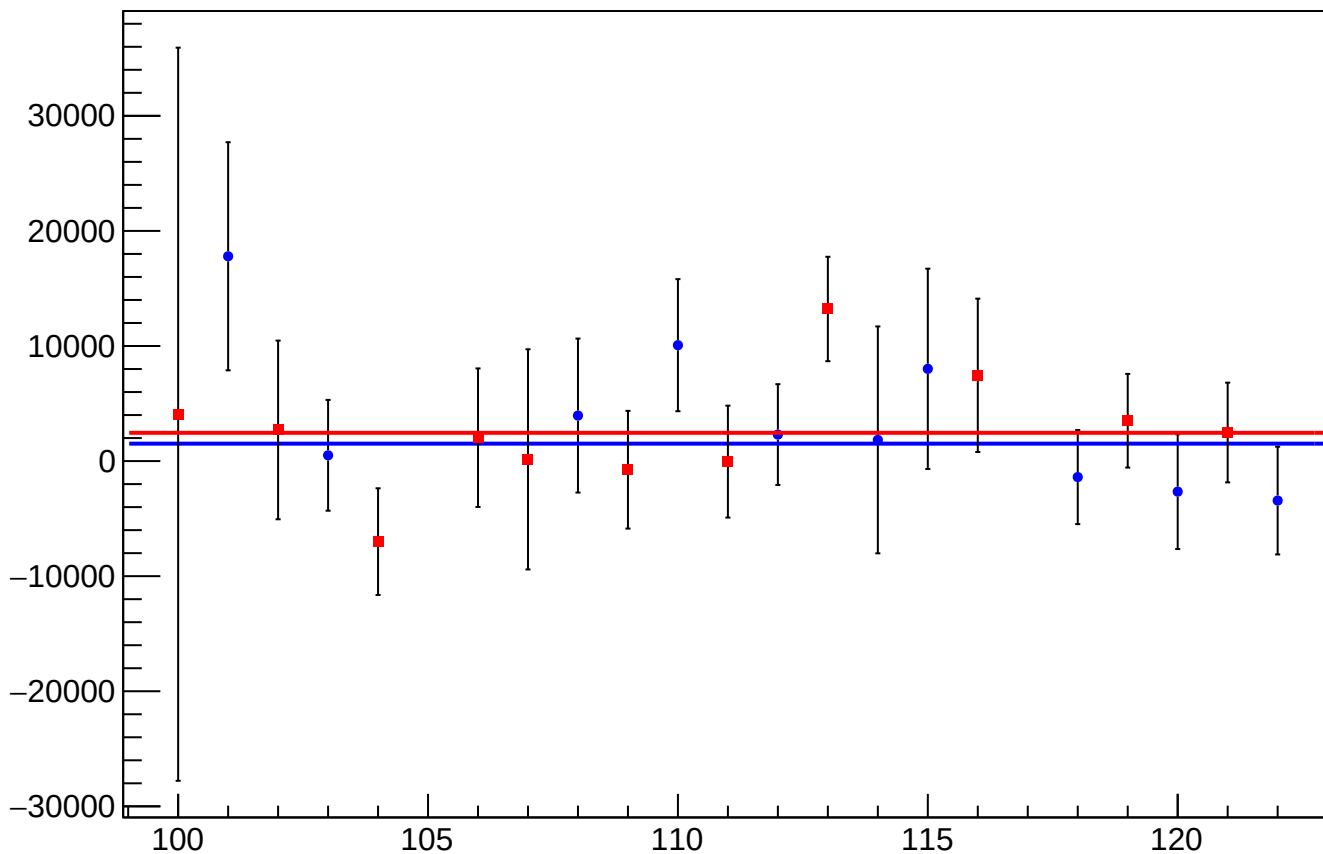
Right: 2714.067+/-0.683 χ^2/NDF : 1340170.1/20

In: 2936.612+/-1.058 χ^2/NDF :436529.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2714.067+/-0.683 χ^2/NDF : 1340170.1/20

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1514.893+/-1747.983 χ^2/NDF : 8.0/9

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

Right Out: 2457.059+/-1648.643 χ^2/NDF : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

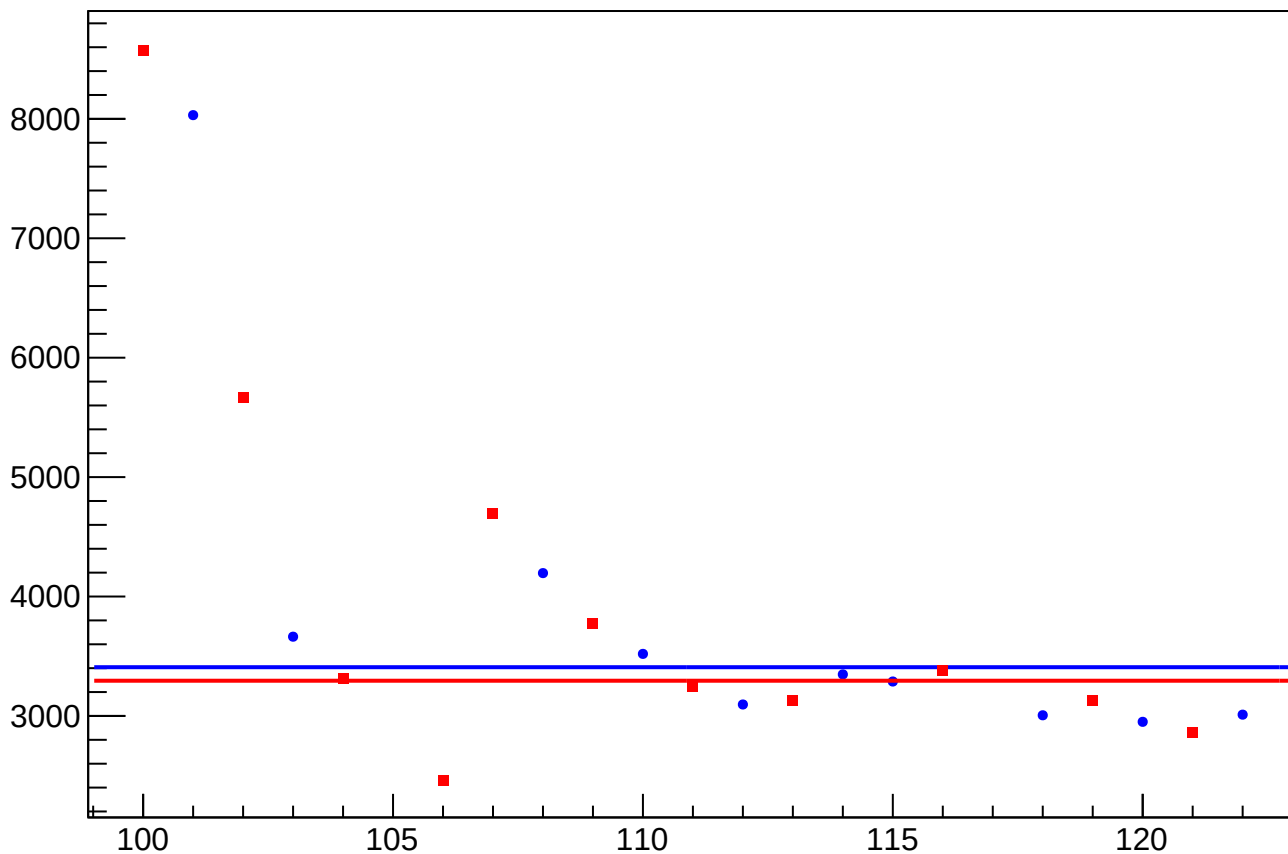
Right: 2013.508+/-1199.348 χ^2/NDF : 19.3/20

In: 1514.893+/-1747.983 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2013.508+/-1199.348 χ^2/NDF : 19.3/20

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: 3294.861+/-1.139 χ^2/NDF : 390709.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

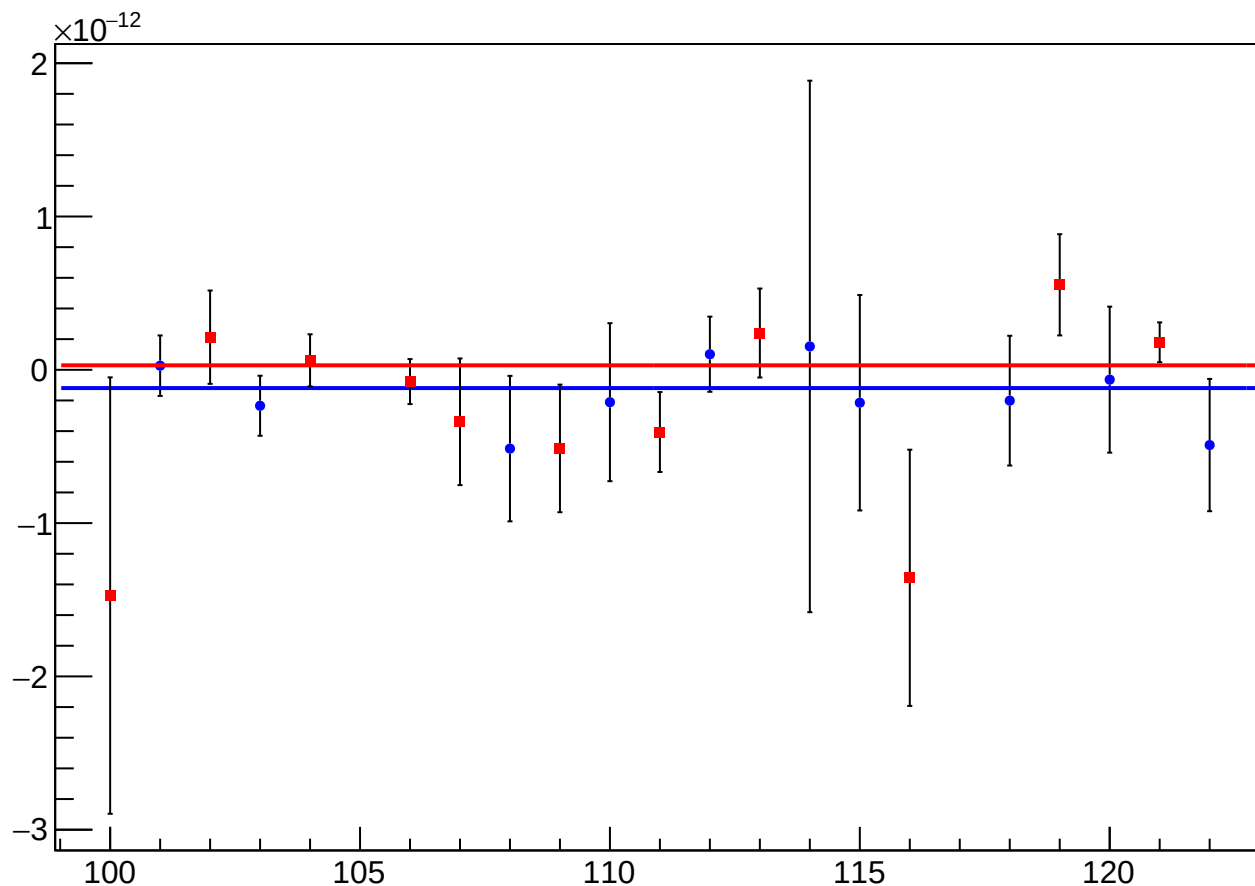
Right: 3346.874+/-0.838 χ^2/NDF : 925697.5/20

In: 3408.124+/-1.236 χ^2/NDF : 530446.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3346.874+/-0.838 χ^2/NDF : 925697.5/20

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 : 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

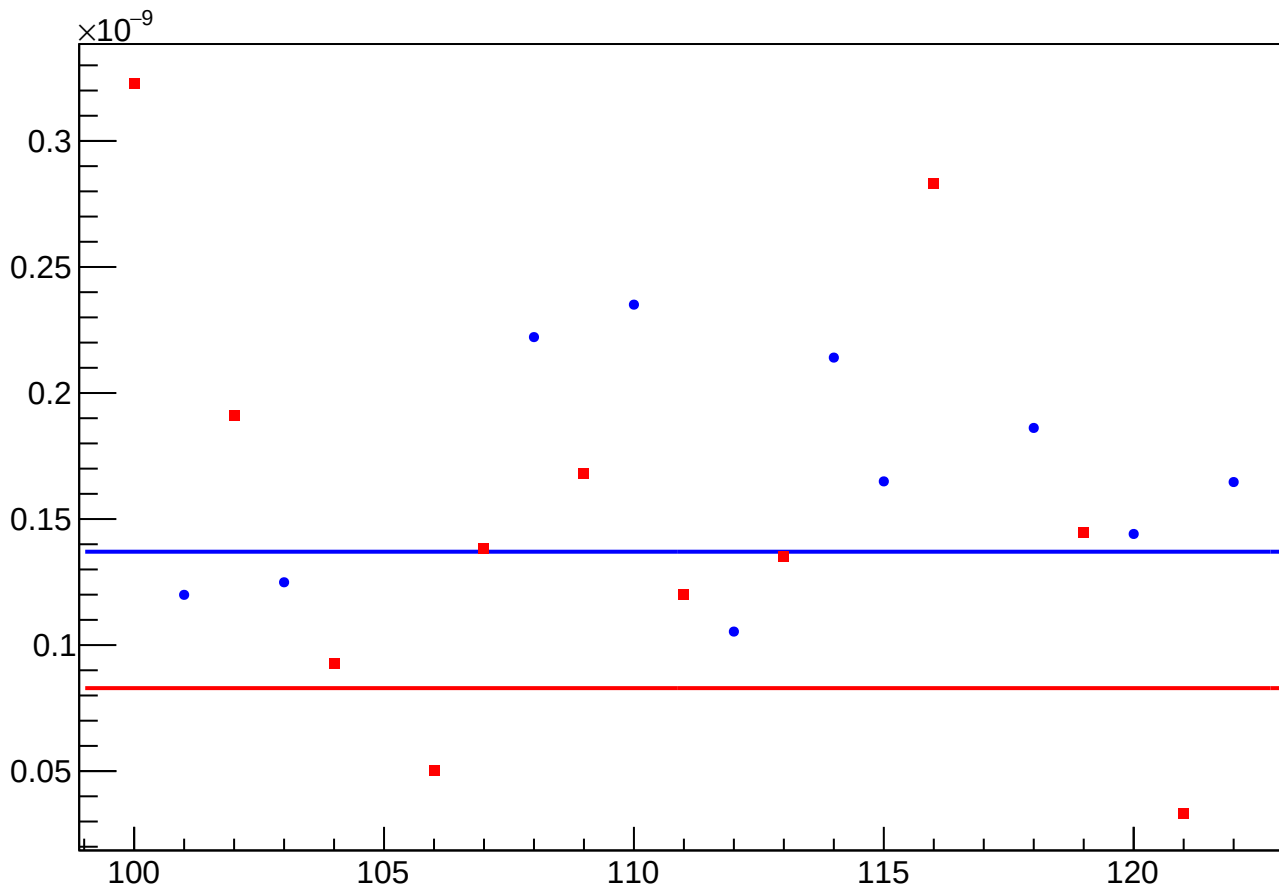
Right: -0.000+/-0.000 χ^2/NDF : 19.1/20

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 : 19.1/20

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 : 1120808.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

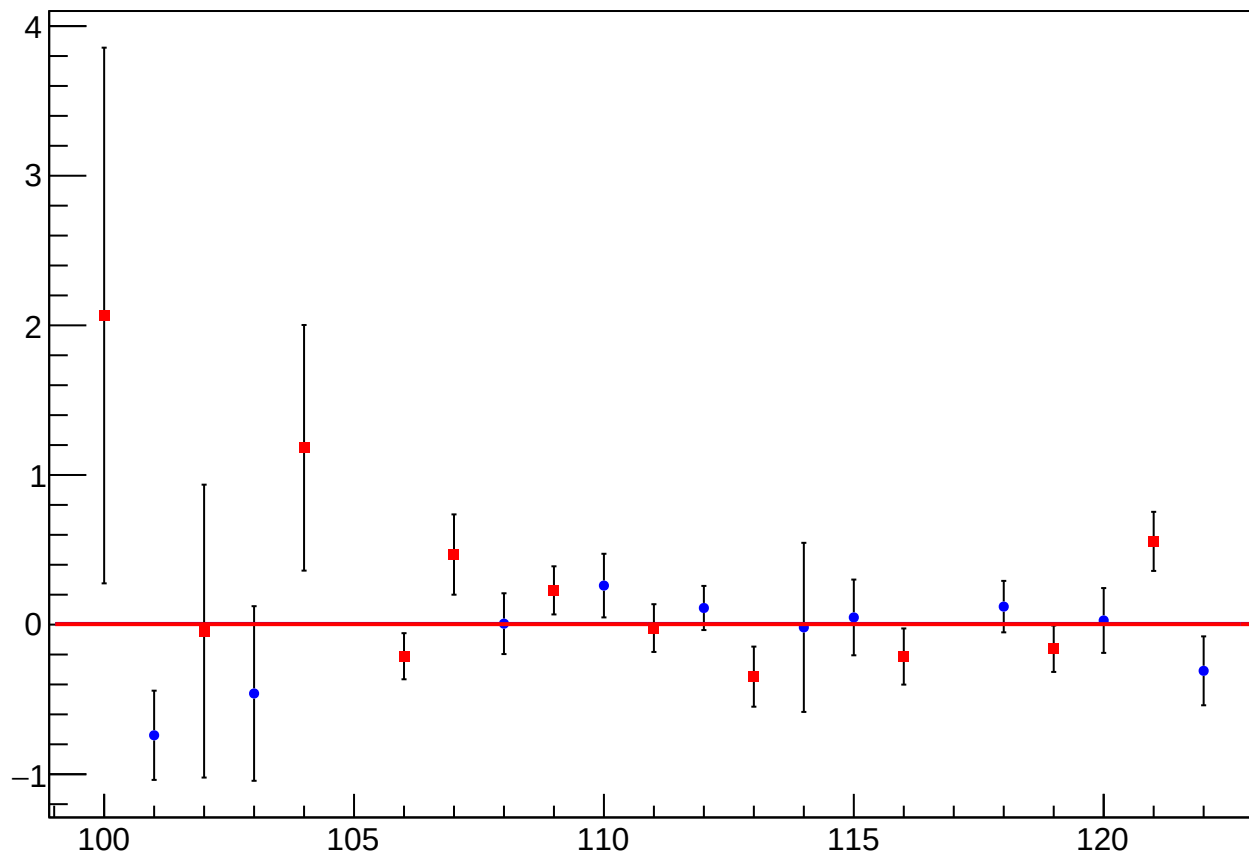
Right: 0.000+/-0.000 χ^2/NDF : 1732148.2/20

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 : 1732148.2/20

asym_atr1l2_avg_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 : 23.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

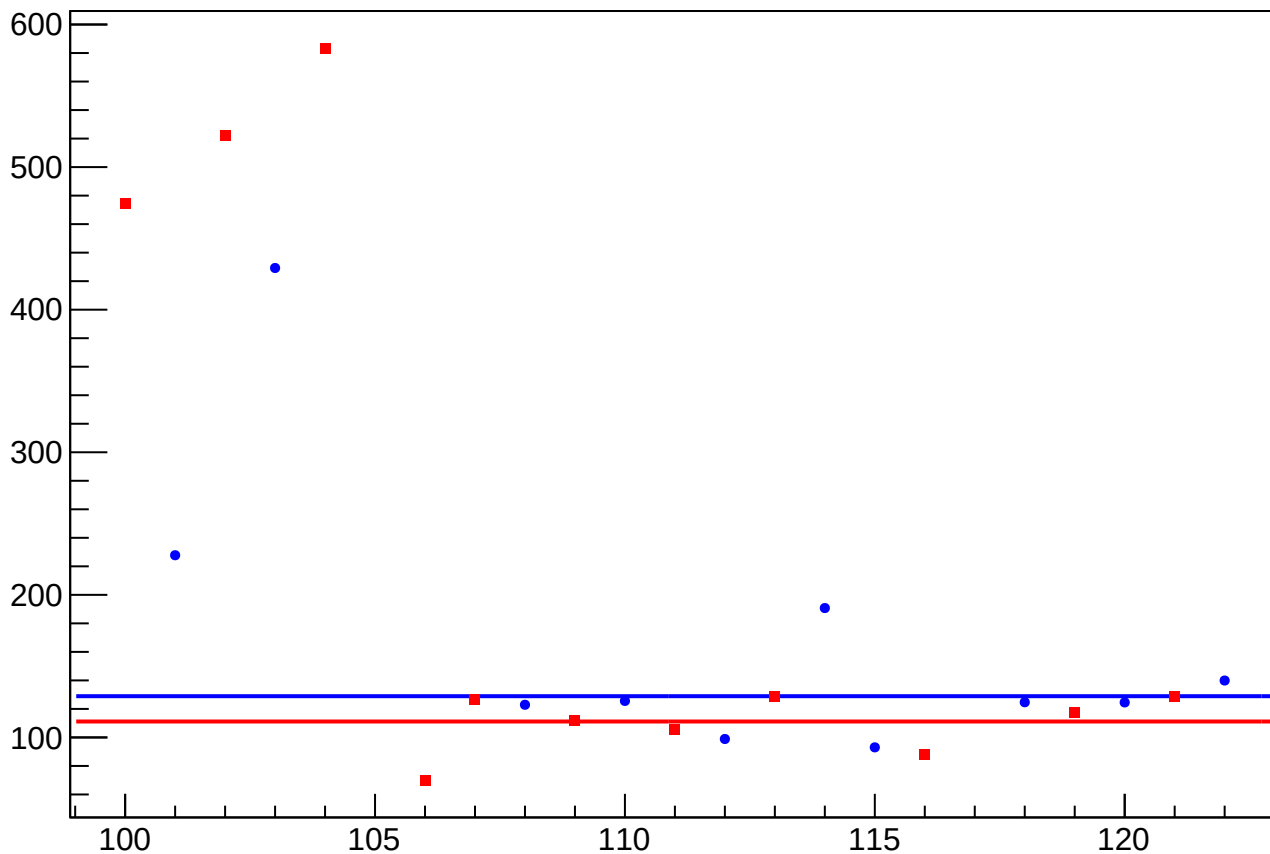
Right: 0.004+/-0.047 χ^2/NDF : 34.9/20

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 : 34.9/20

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: 111.179+/-0.044 χ^2/NDF : 1314653.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

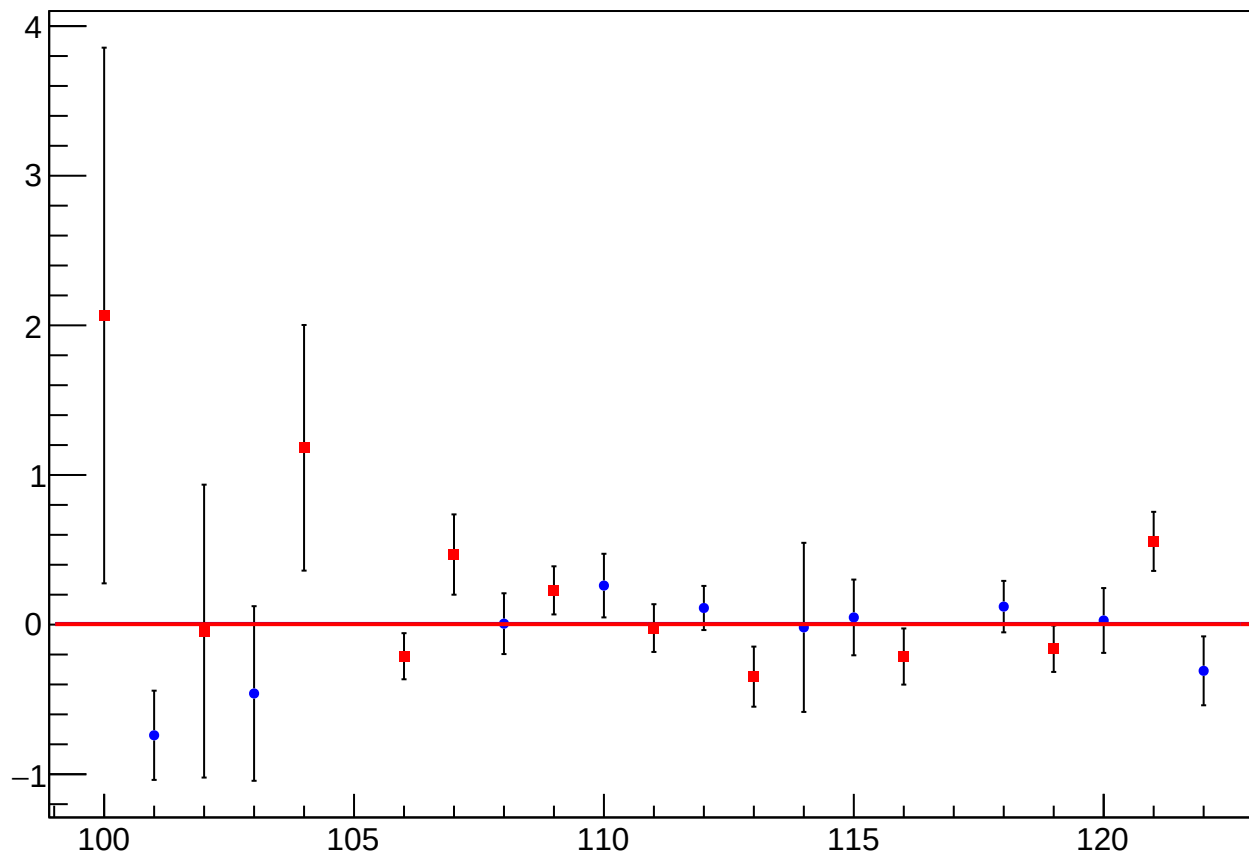
Right: 118.924+/-0.033 χ^2/NDF : 2290800.2/20

In: 128.921+/-0.050 χ^2/NDF : 905467.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.924+/-0.033 χ^2/NDF : 2290800.2/20

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 : 23.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

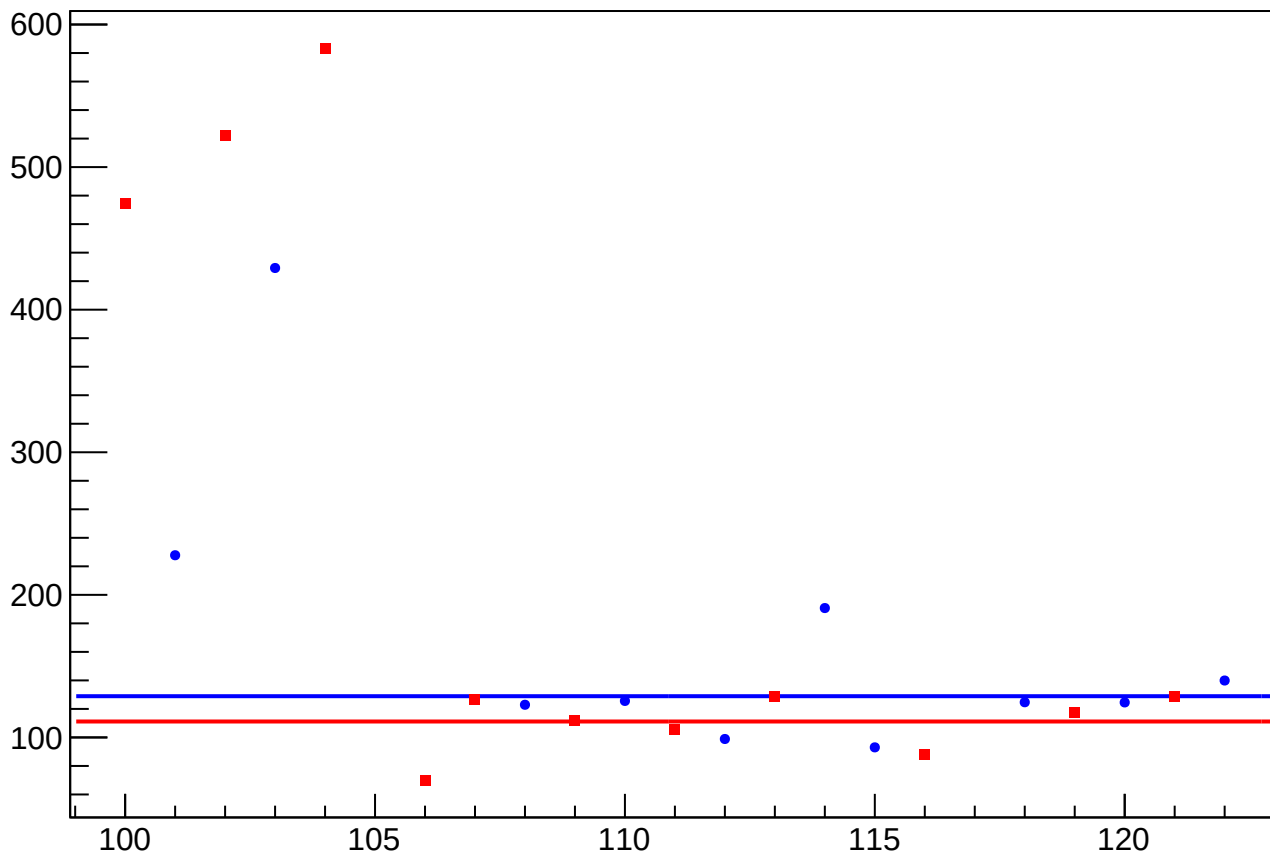
Right: 0.004+/-0.047 χ^2/NDF : 34.9/20

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 : 34.9/20

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: 111.179+/-0.044 χ^2/NDF : 1314653.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

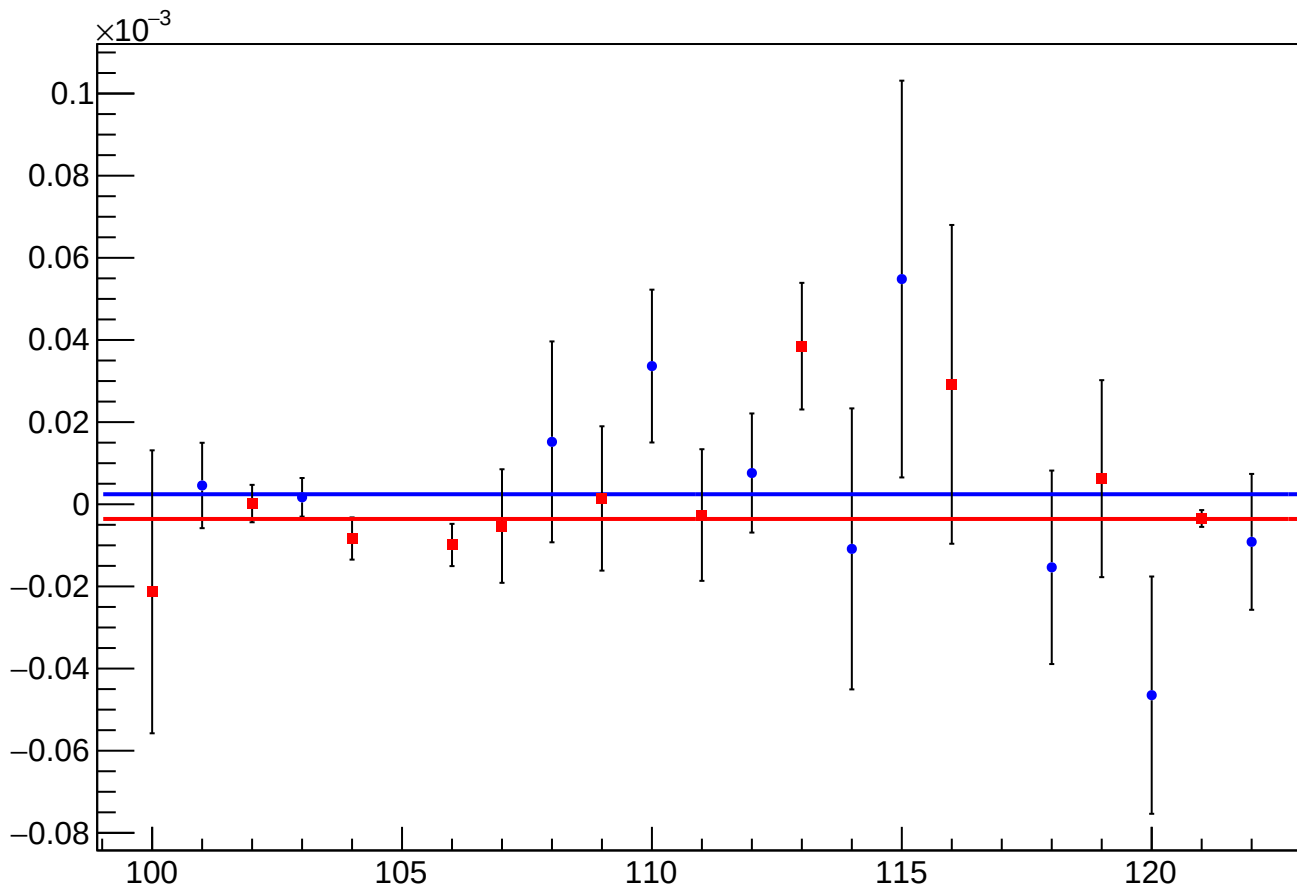
Right: 118.924+/-0.033 χ^2/NDF : 2290800.2/20

In: 128.921+/-0.050 χ^2/NDF : 905467.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.924+/-0.033 χ^2/NDF : 2290800.2/20

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/9

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/10

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

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

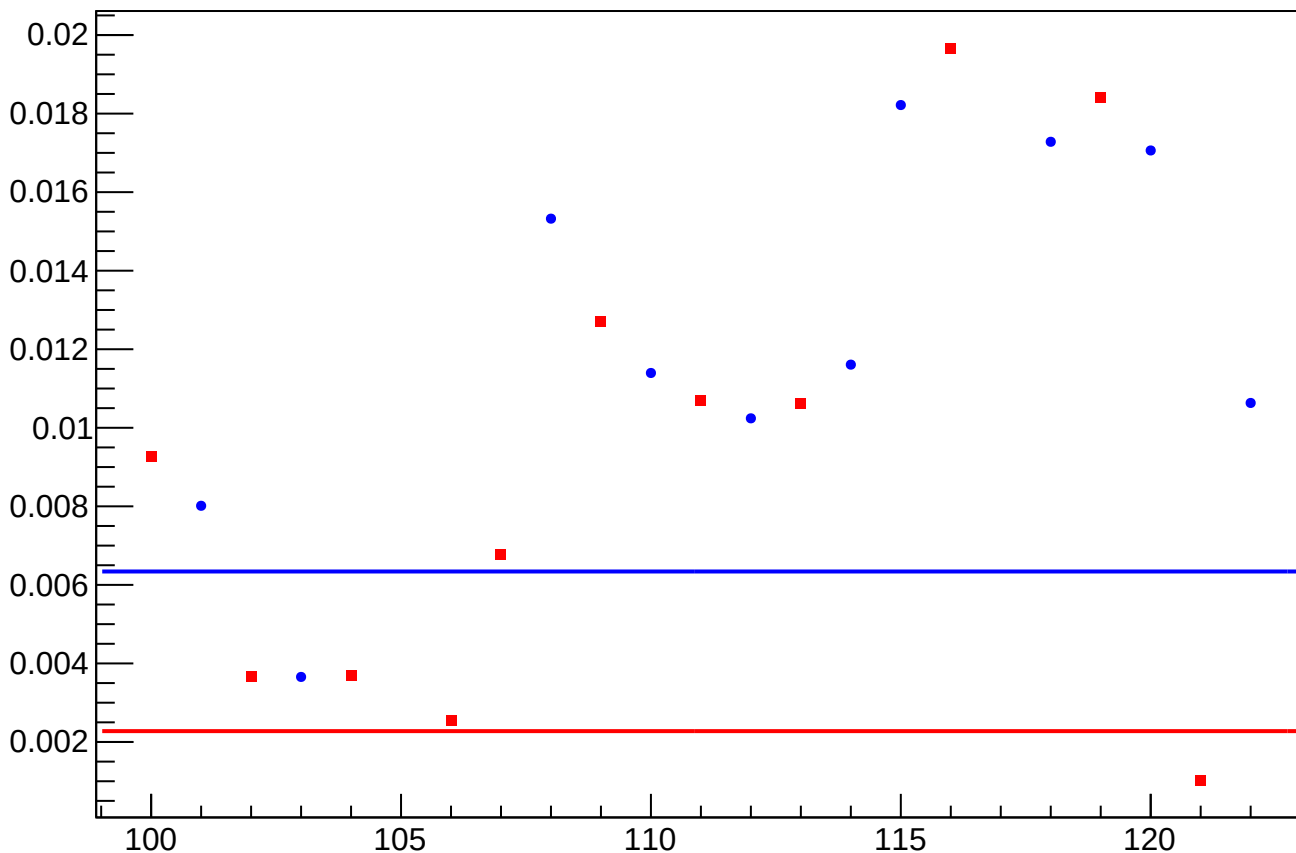
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.5/20

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.5/20

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 : 4551376.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

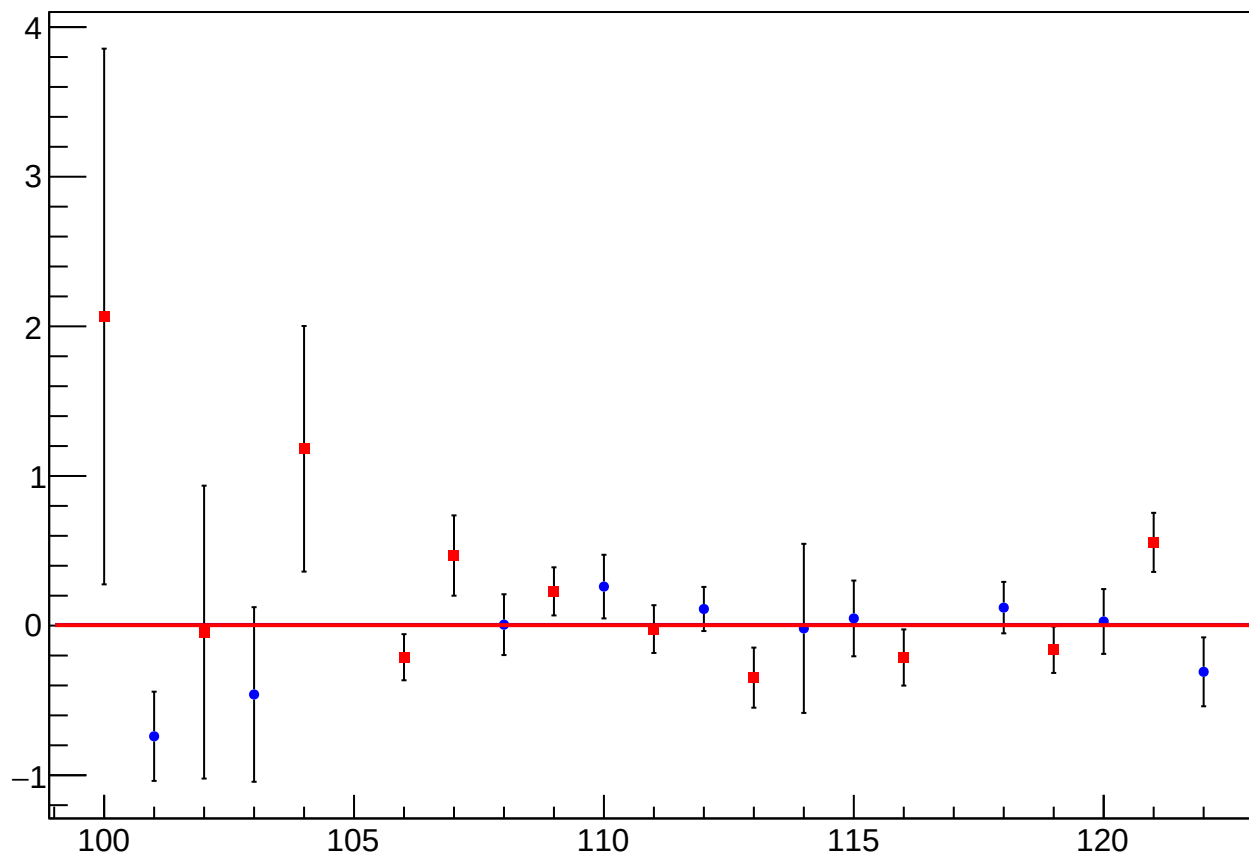
Right: 0.003+/-0.000 χ^2/NDF : 8825121.8/20

In: 0.006+/-0.000 χ^2/NDF :2276608.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8825121.8/20

asym_atr1l2_avg_eigen_dit_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: 23.7/10

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

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

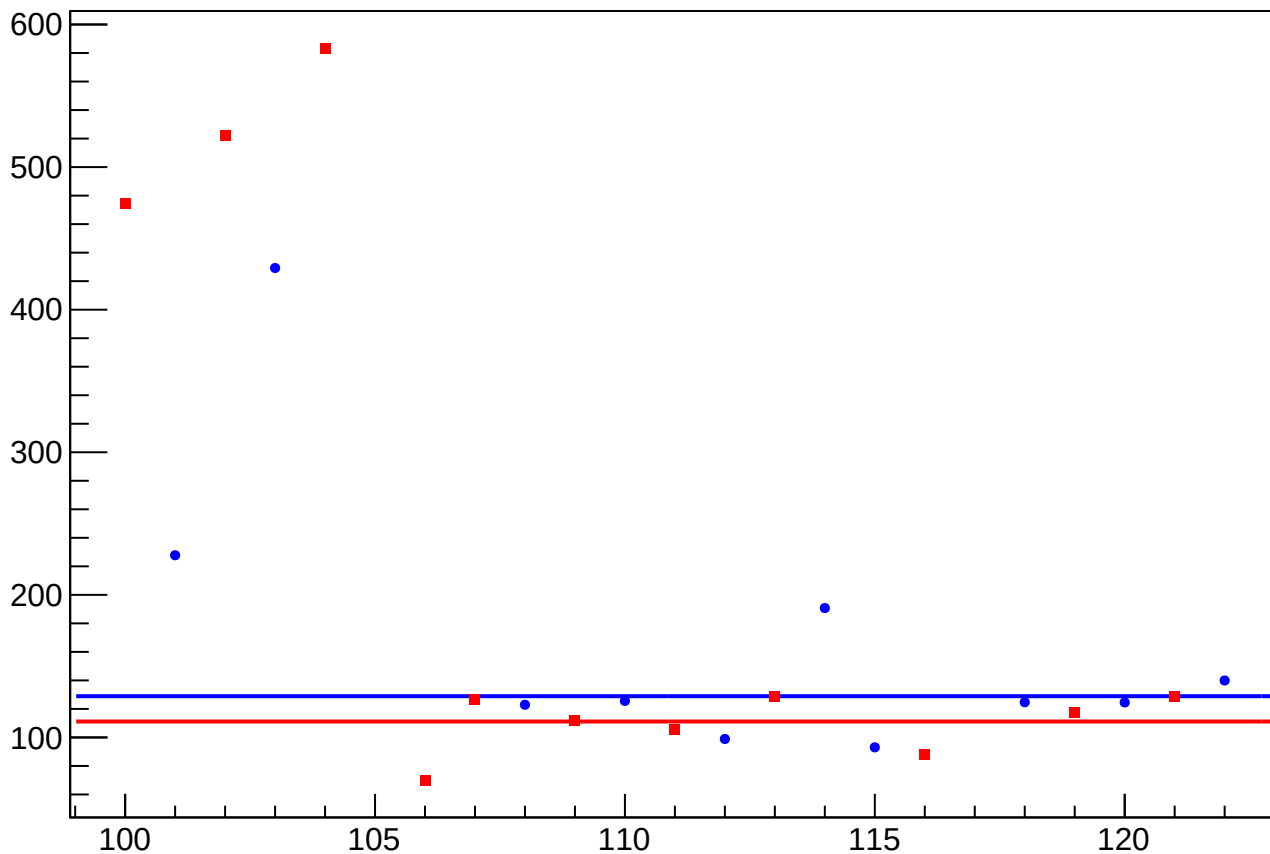
Right: 0.004 $\pm$ 0.047 χ^2 /NDF: 34.9/20

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: 34.9/20

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: 111.181+/-0.044 χ^2/NDF : 1314612.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

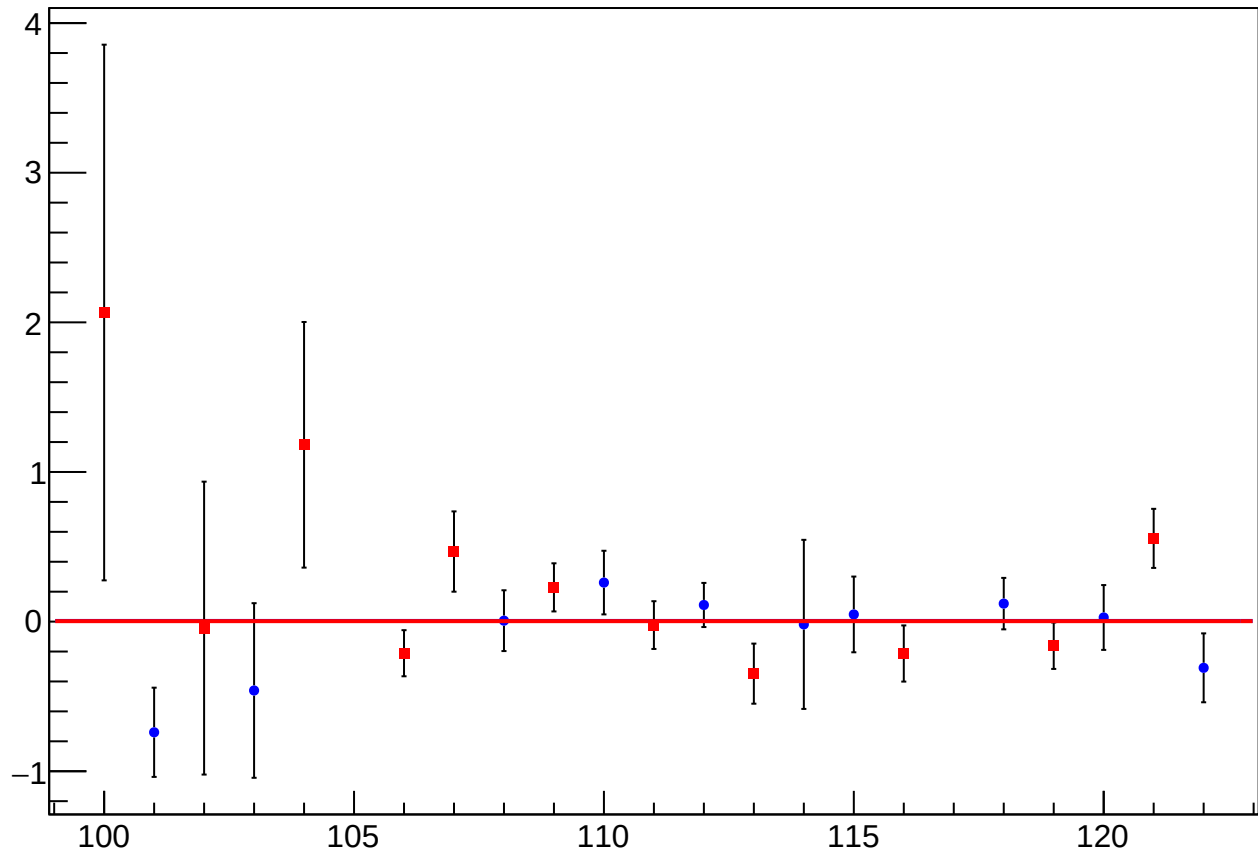
Right: 118.926+/-0.033 χ^2/NDF : 2290712.4/20

In: 128.923+/-0.050 χ^2/NDF : 905414.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.926+/-0.033 χ^2/NDF : 2290712.4/20

asym_atr1l2_avg_eigen_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 : 23.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

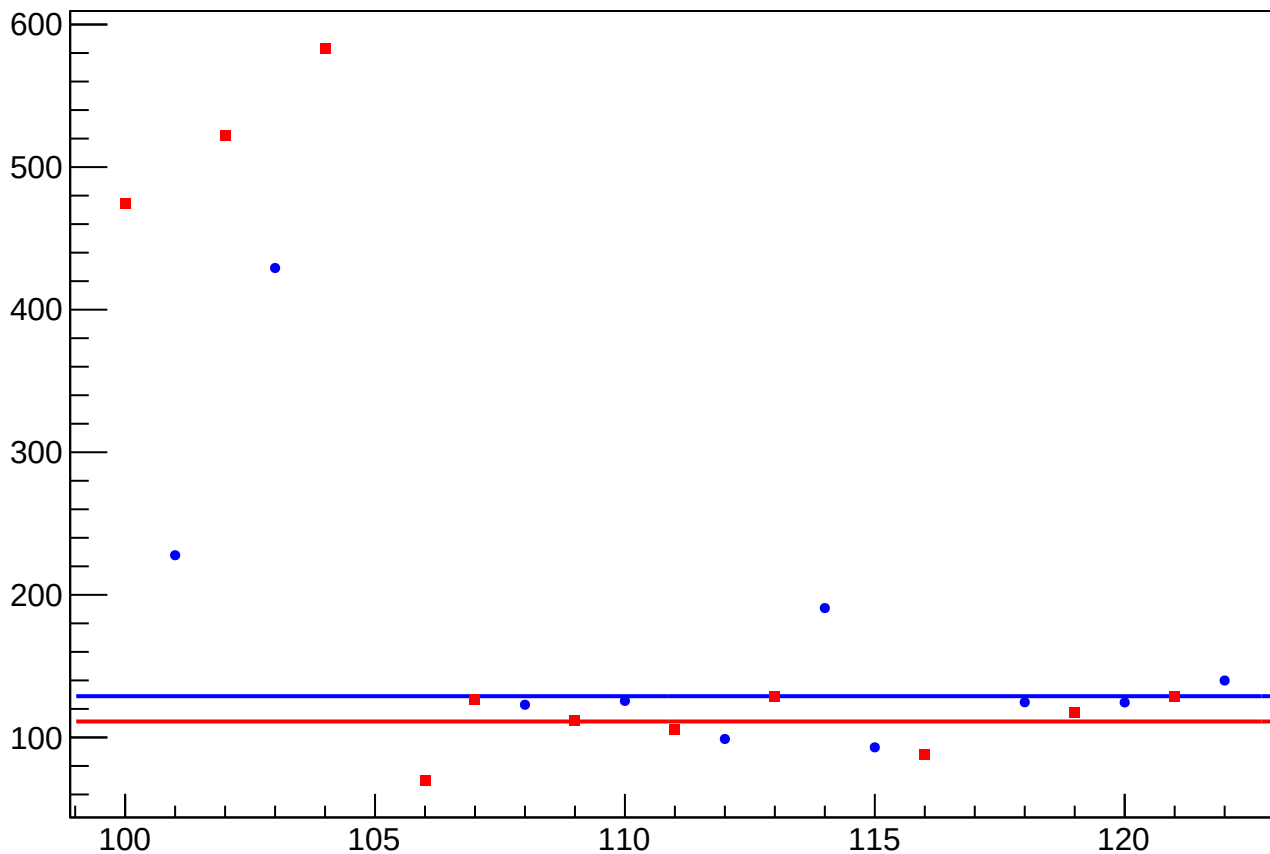
Right: 0.004+/-0.047 χ^2/NDF : 34.9/20

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 : 34.9/20

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: 111.181+/-0.044 χ^2/NDF : 1314612.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

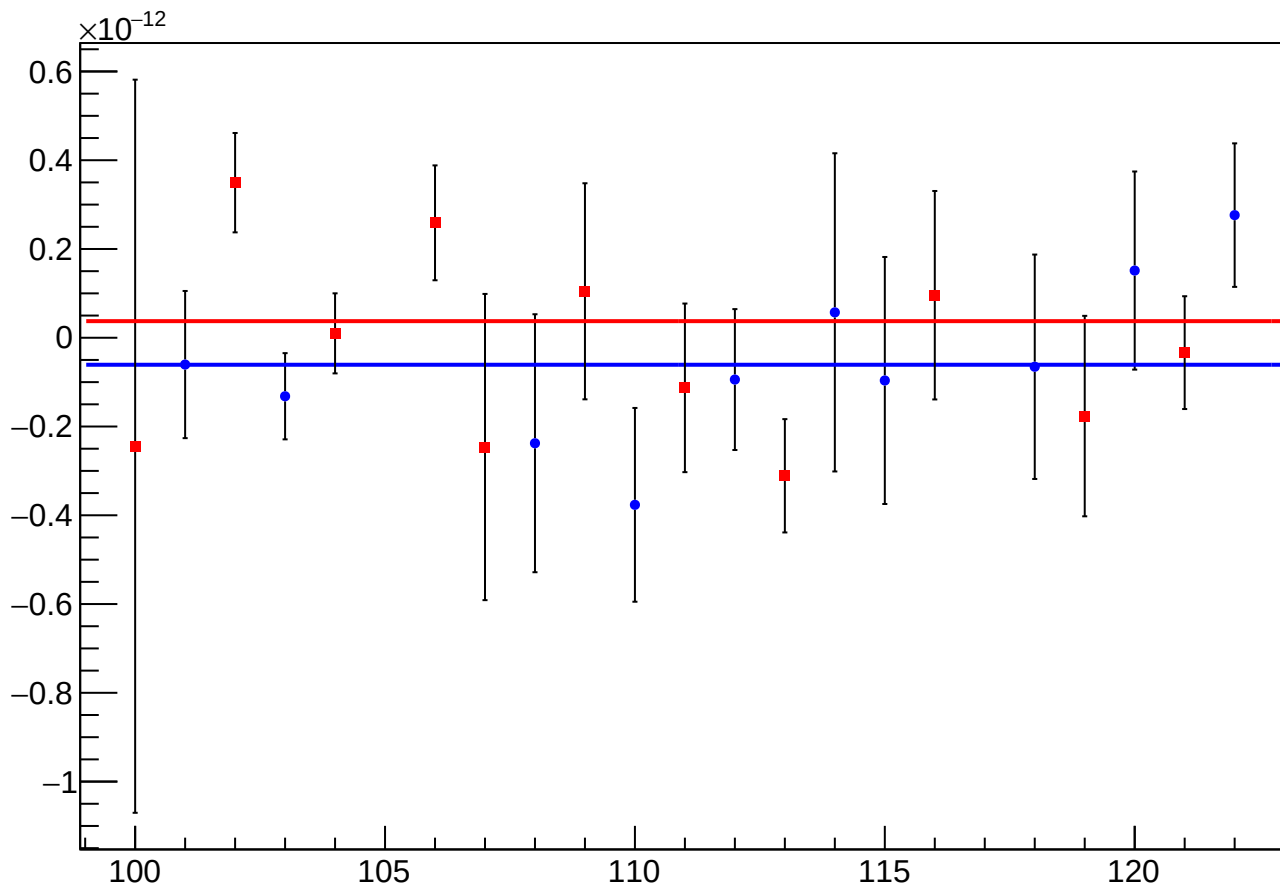
Right: 118.926+/-0.033 χ^2/NDF : 2290712.4/20

In: 128.923+/-0.050 χ^2/NDF : 905414.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.926+/-0.033 χ^2/NDF : 2290712.4/20

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 : 21.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

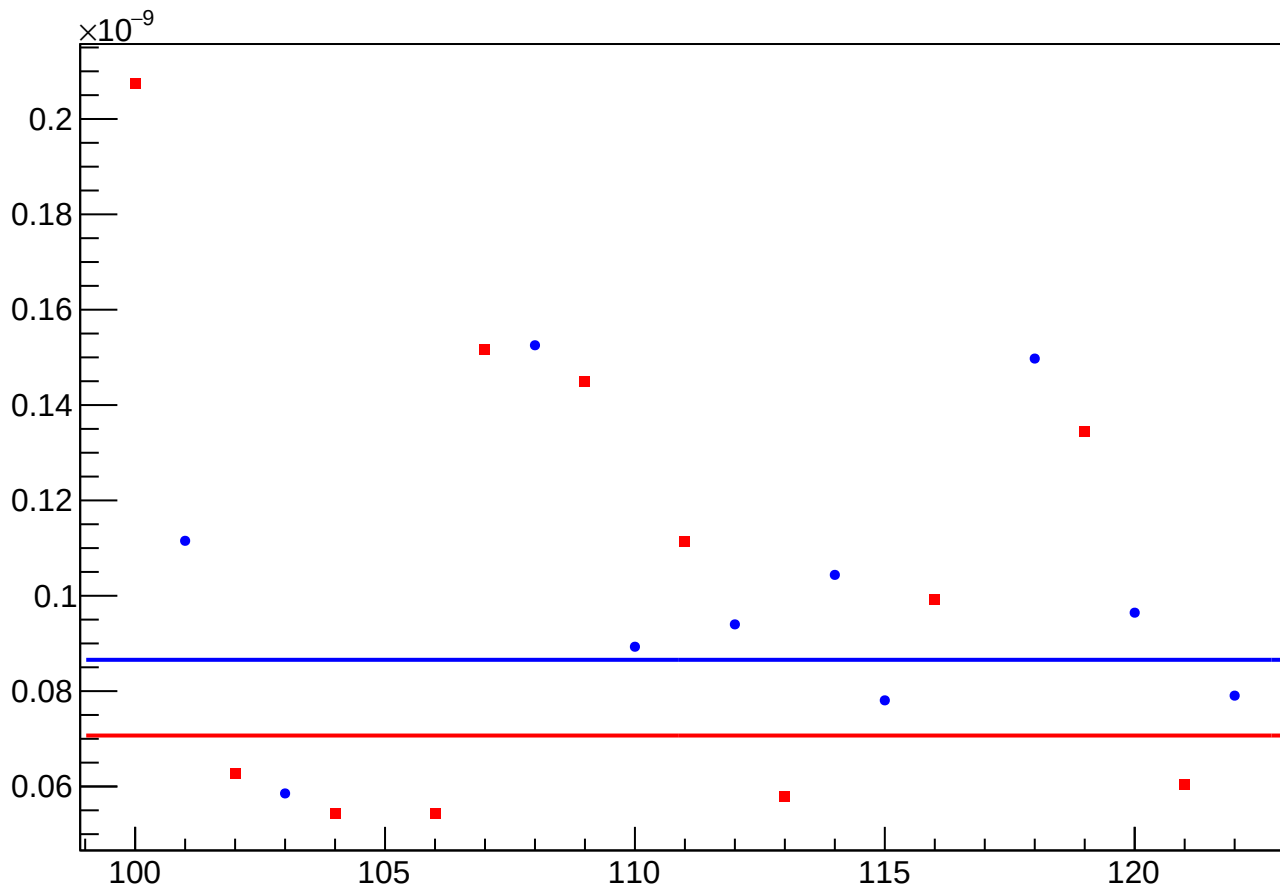
Right: -0.000+/-0.000 χ^2/NDF : 31.2/20

In: -0.000+/-0.000 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.2/20

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 : 772693.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

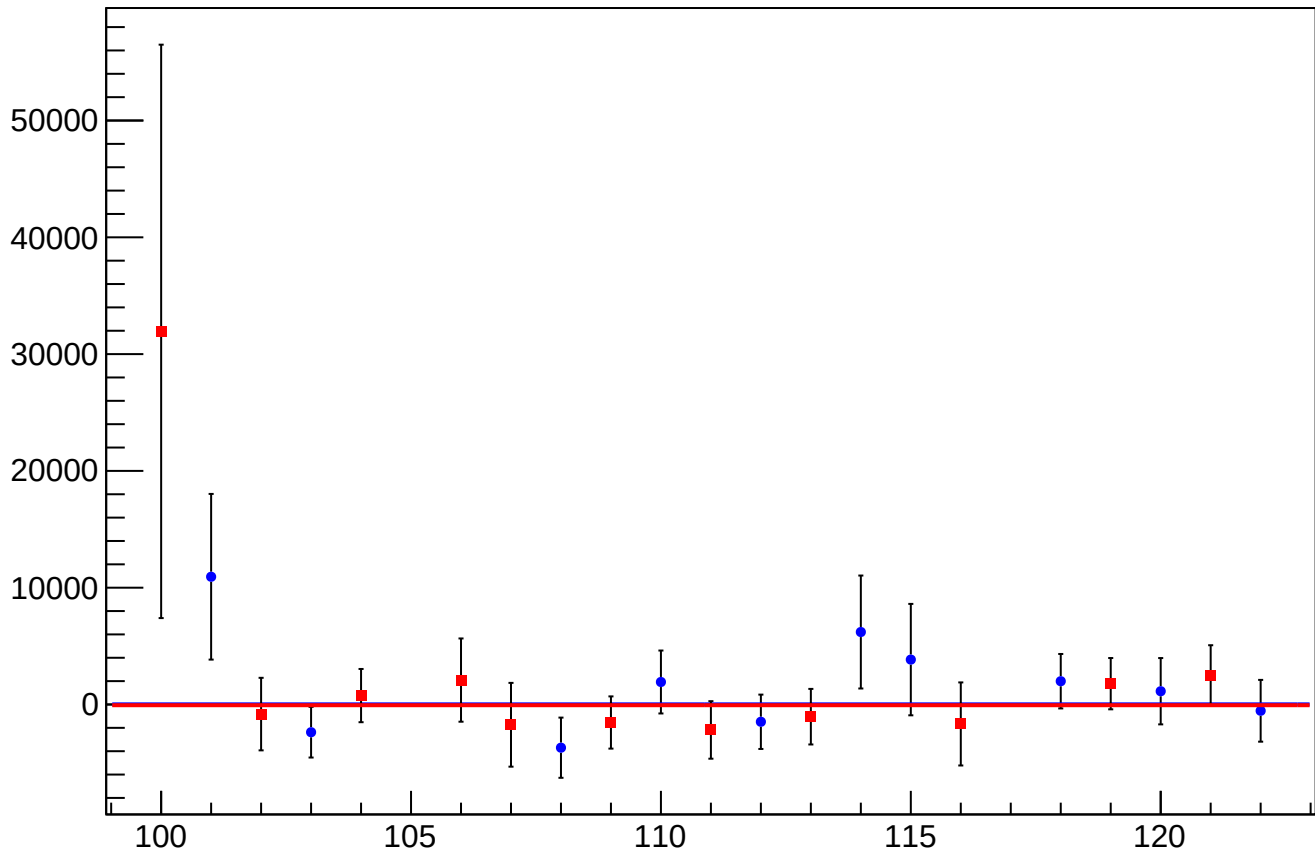
Right: 0.000+/-0.000 χ^2/NDF : 1326984.5/20

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 : 1326984.5/20

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: -62.188+/-834.908 χ^2/NDF : 5.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

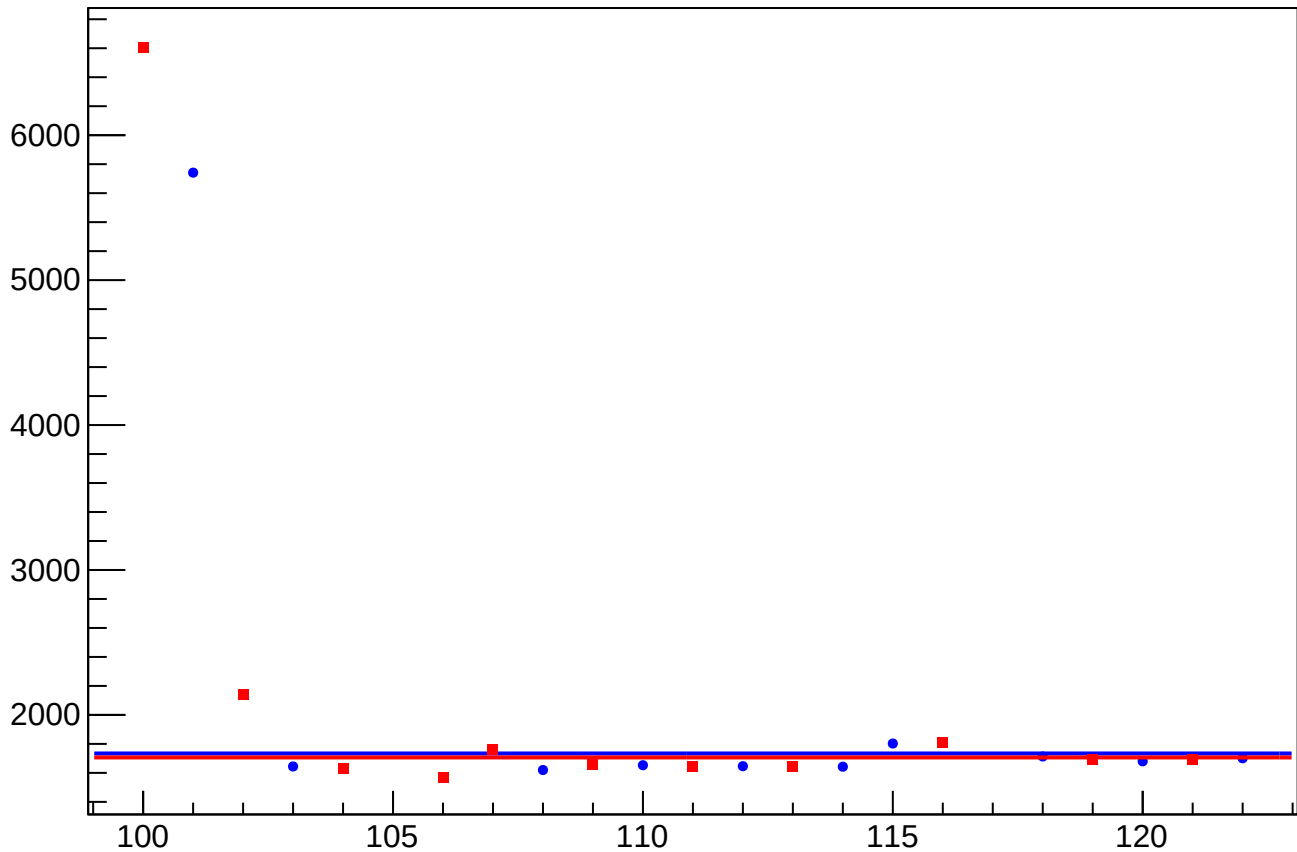
Right: -28.839+/-611.071 χ^2/NDF : 15.5/20

In: 9.636+/-896.775 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.839+/-611.071 χ^2/NDF : 15.5/20

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: 1706.396+/-0.583 χ^2/NDF : 131657.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

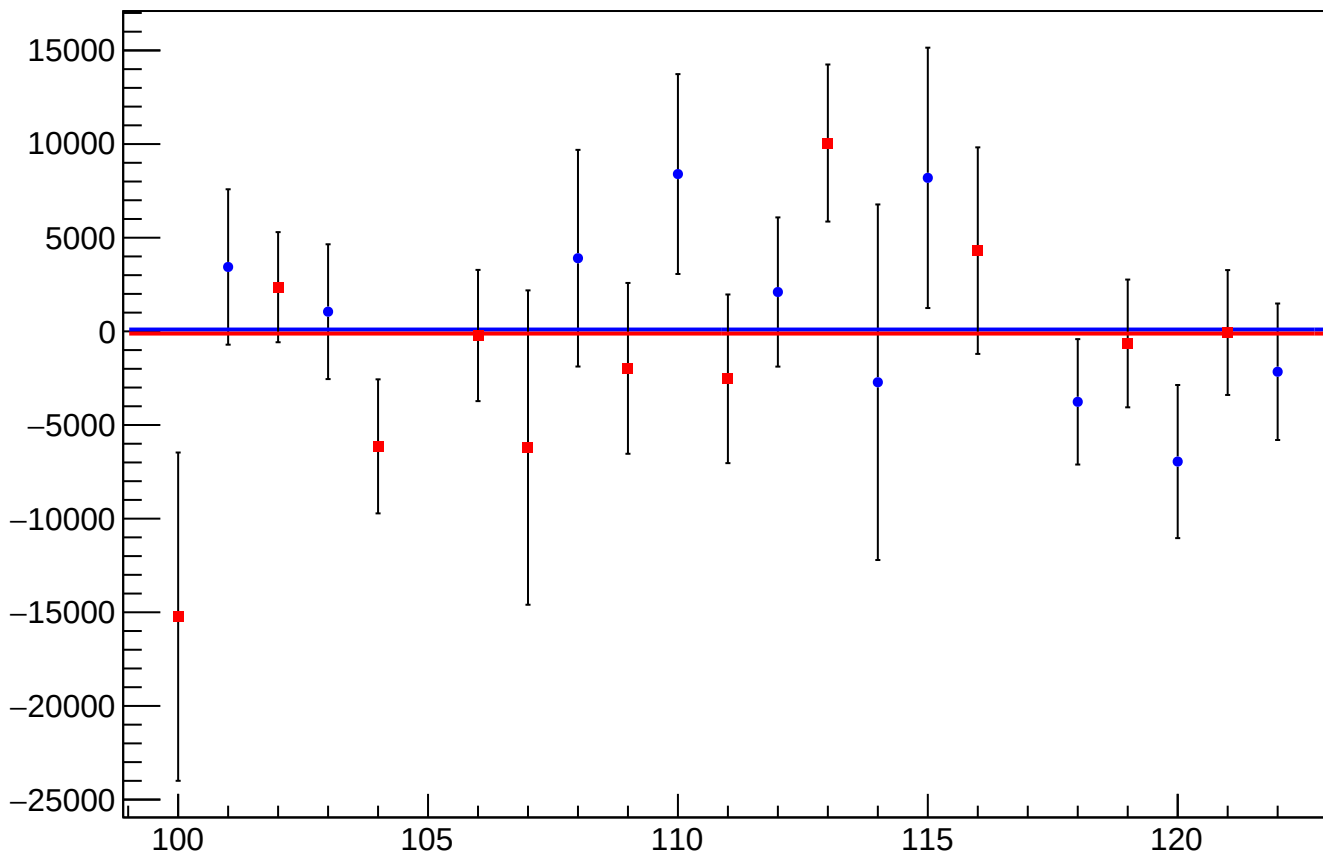
Right: 1719.005+/-0.429 χ^2/NDF : 785495.6/20

In: 1733.902+/-0.634 χ^2/NDF : 652818.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1719.005+/-0.429 χ^2/NDF : 785495.6/20

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: -118.117+/-1225.753 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

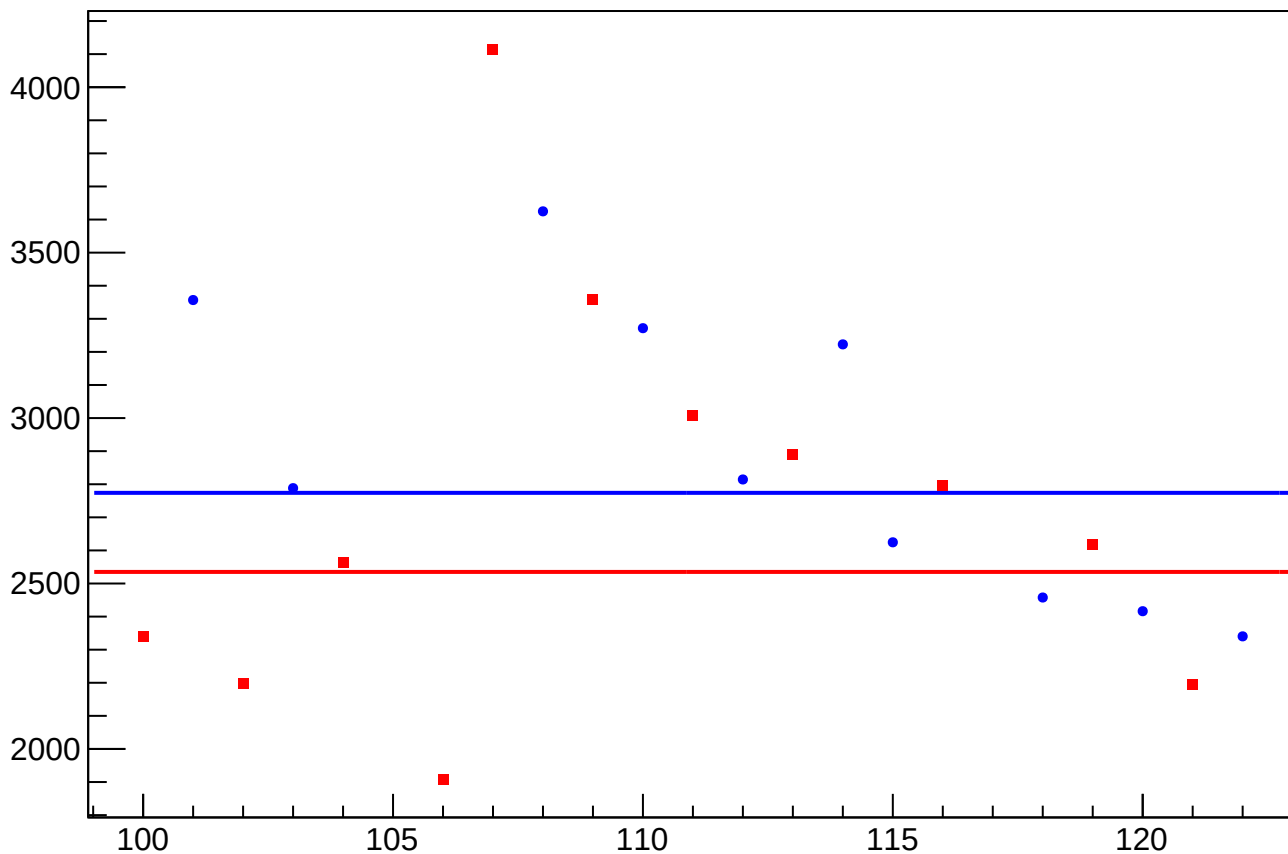
Right: -23.851+/-918.610 χ^2/NDF : 24.0/20

In: 96.924+/-1387.440 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -23.851+/-918.610 χ^2/NDF : 24.0/20

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: 2535.026+/-0.867 χ^2/NDF : 290973.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

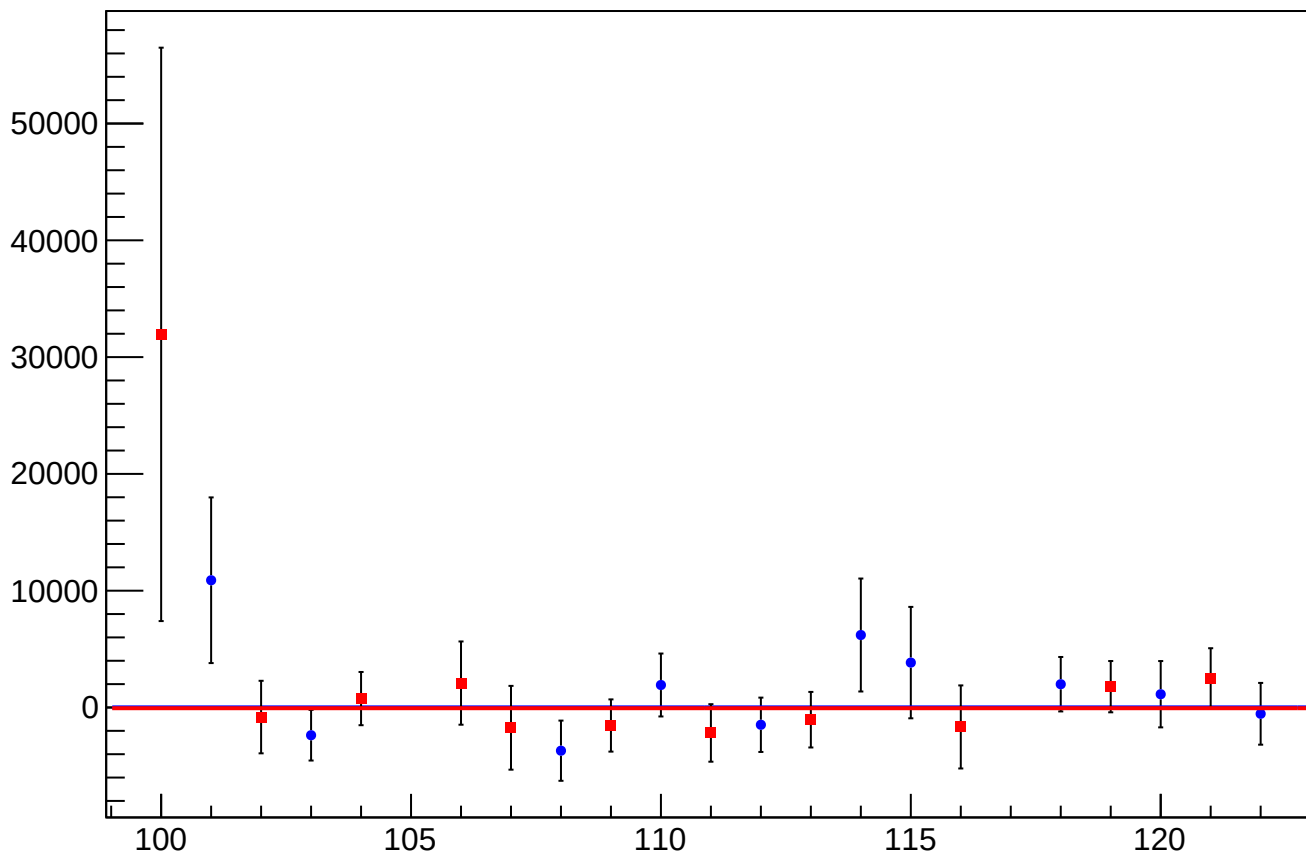
Right: 2639.795+/-0.650 χ^2/NDF : 491566.9/20

In: 2774.027+/-0.981 χ^2/NDF : 167261.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.795+/-0.650 χ^2/NDF : 491566.9/20

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: -62.081+/-834.908 χ^2/NDF : 5.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

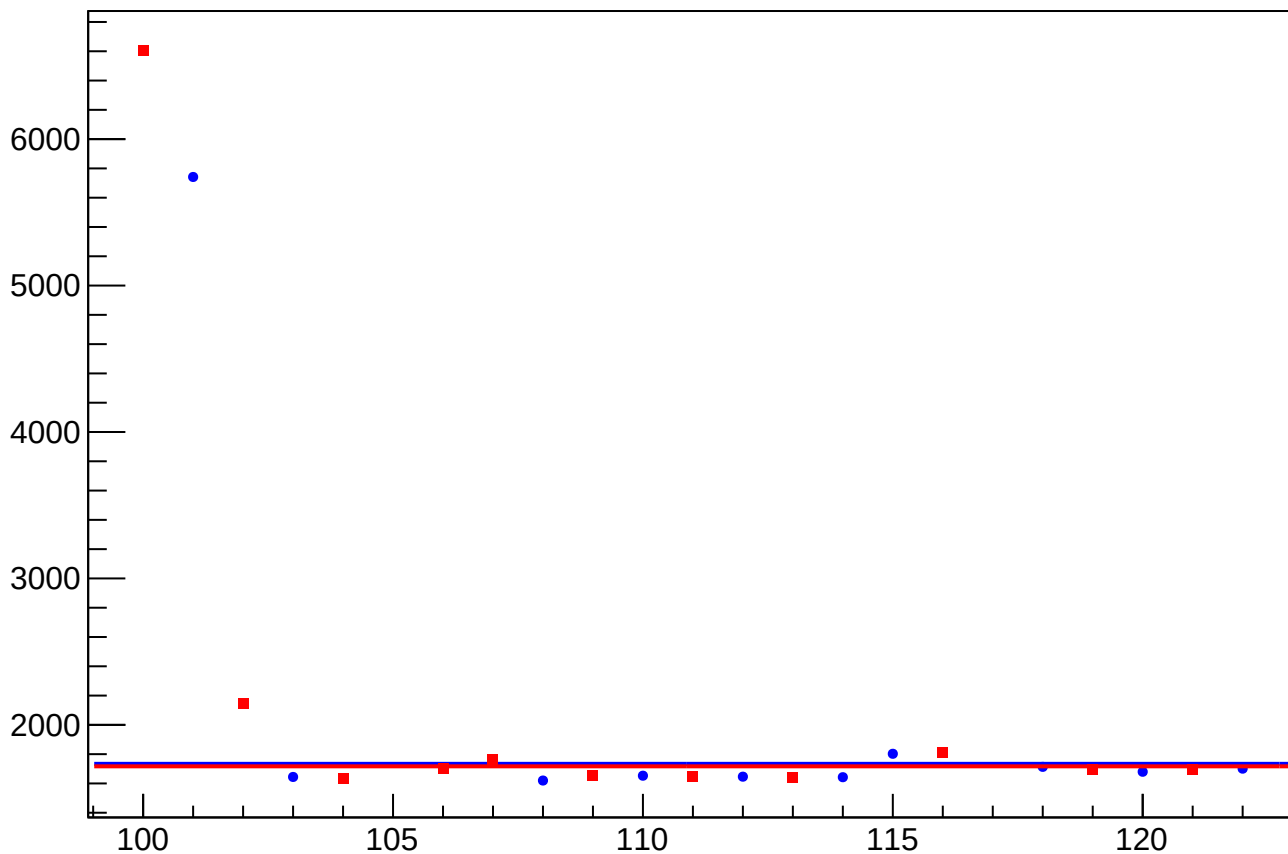
Right: -29.146+/-611.071 χ^2/NDF : 15.5/20

In: 8.851+/-896.775 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.146+/-611.071 χ^2/NDF : 15.5/20

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: 1716.838+/-0.587 χ^2/NDF : 127018.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

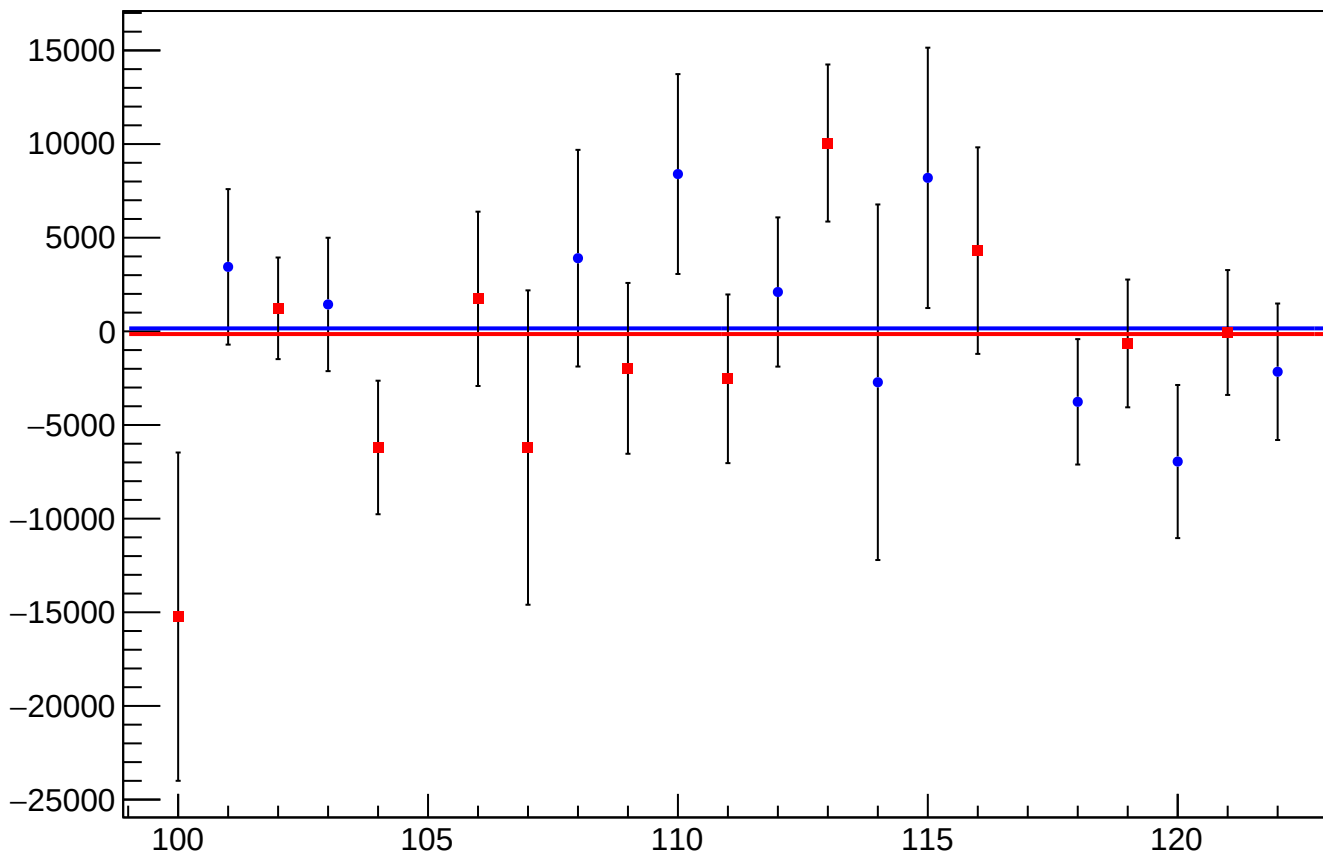
Right: 1724.709+/-0.431 χ^2/NDF : 780227.9/20

In: 1733.901+/-0.634 χ^2/NDF : 652819.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.709+/-0.431 χ^2/NDF : 780227.9/20

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: -145.060+/-1239.365 χ^2/NDF : 13.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

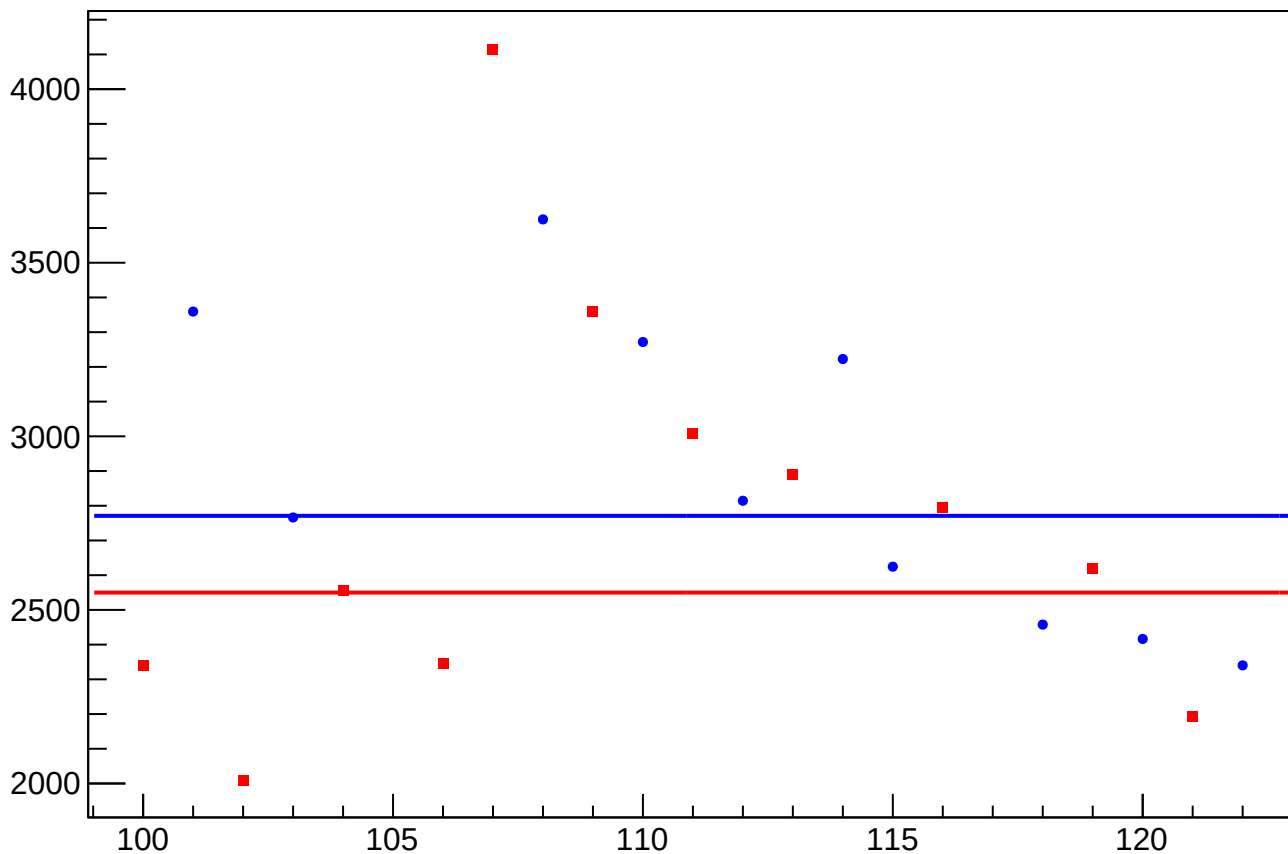
Right: -10.203+/-923.683 χ^2/NDF : 23.9/20

In: 158.299+/-1385.365 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.203+/-923.683 χ^2/NDF : 23.9/20

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: 2549.936+/-0.876 χ^2/NDF : 278091.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

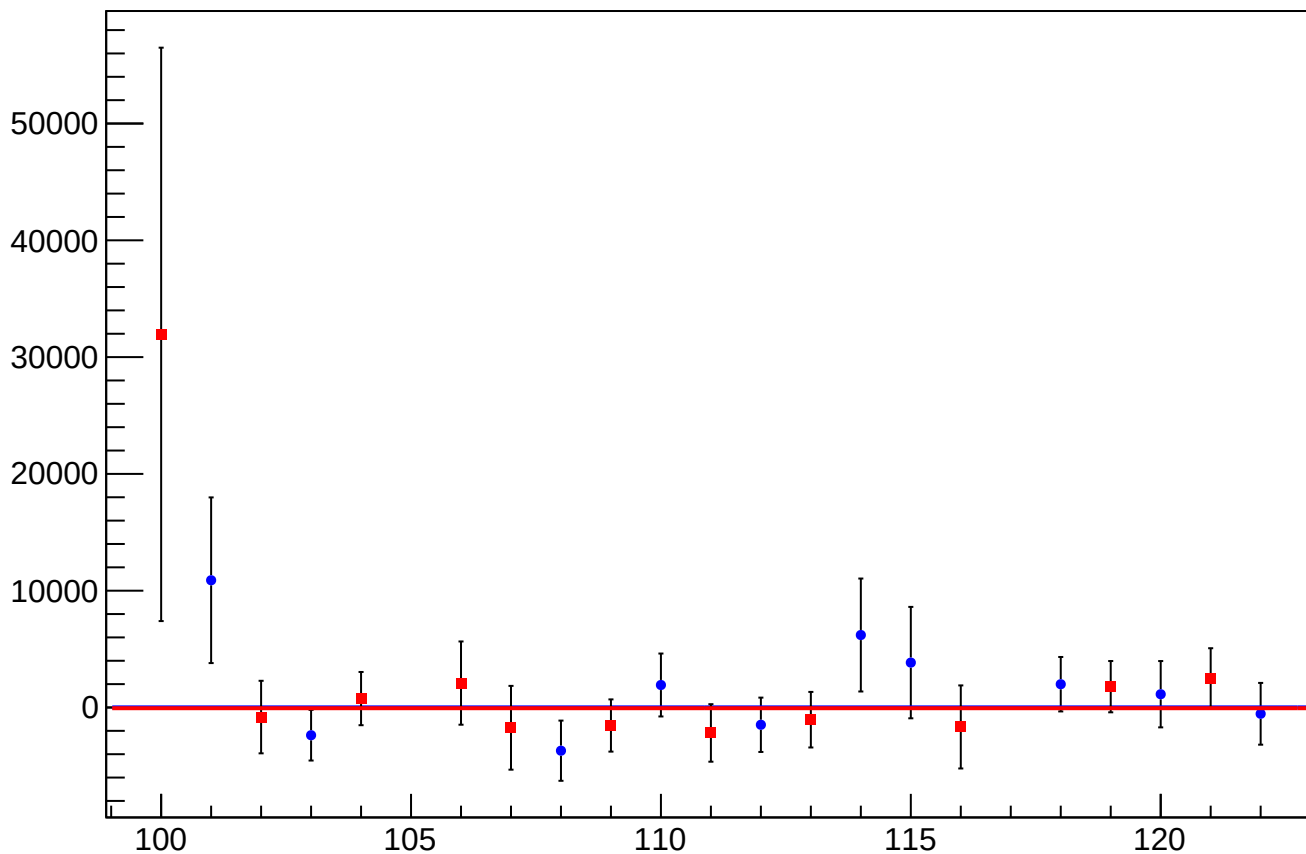
Right: 2648.177+/-0.653 χ^2/NDF : 473887.1/20

In: 2770.927+/-0.980 χ^2/NDF : 167527.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2648.177+/-0.653 χ^2/NDF : 473887.1/20

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: -62.081+/-834.908 χ^2 /NDF: 5.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

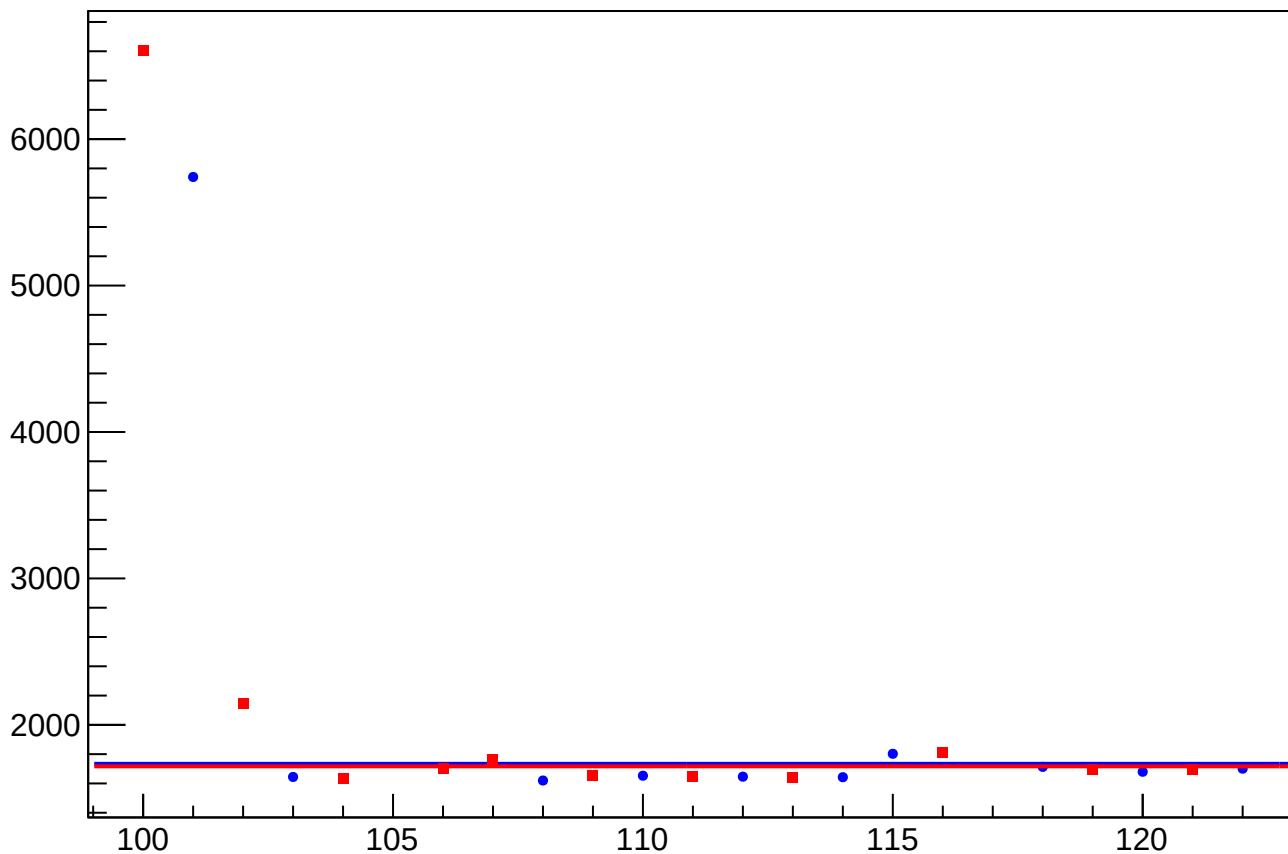
Right: -29.146+/-611.071 χ^2 /NDF: 15.5/20

In: 8.851+/-896.775 χ^2 /NDF:9.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -29.146+/-611.071 χ^2 /NDF: 15.5/20

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: 1716.838+/-0.587 χ^2/NDF : 127018.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

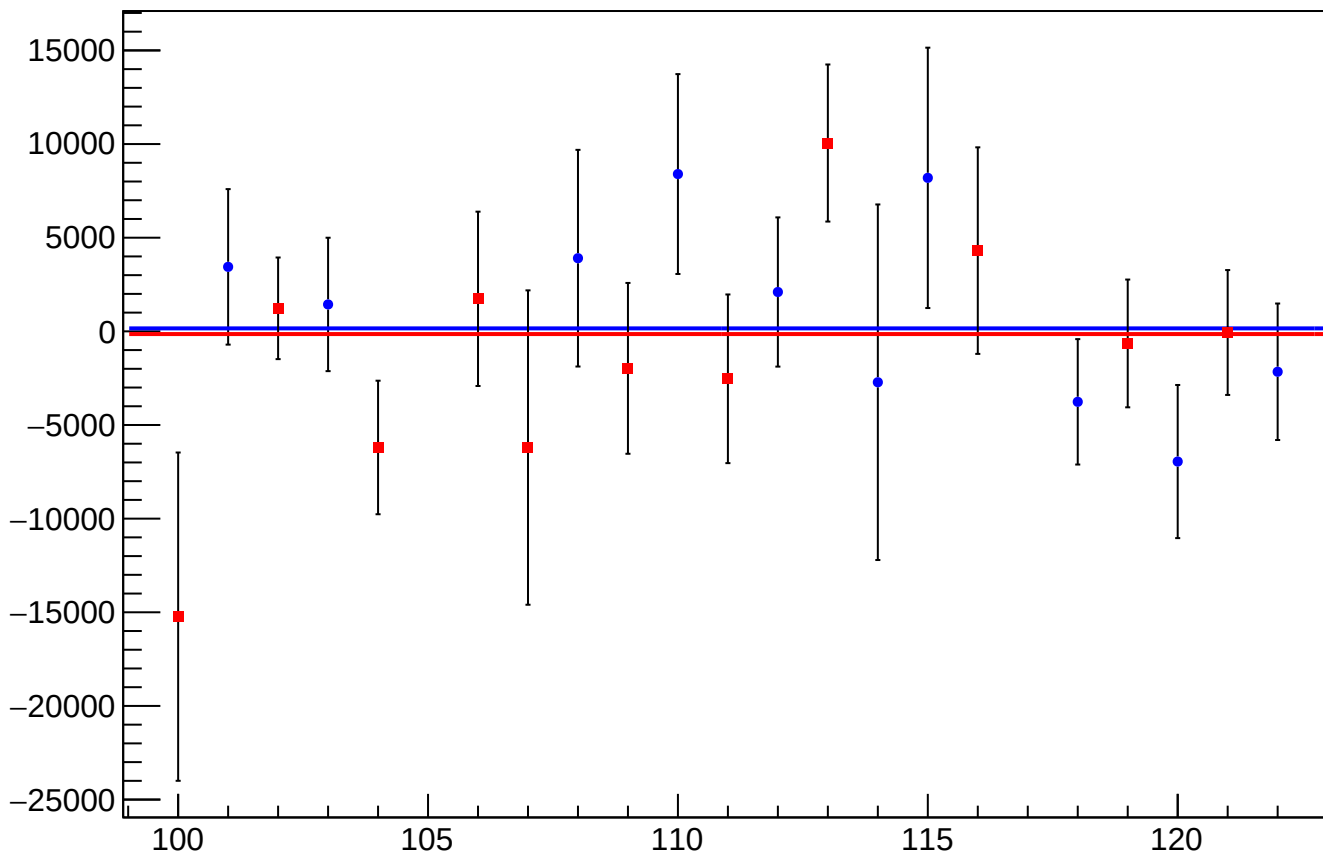
Right: 1724.709+/-0.431 χ^2/NDF : 780227.9/20

In: 1733.901+/-0.634 χ^2/NDF : 652819.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.709+/-0.431 χ^2/NDF : 780227.9/20

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: -145.060+/-1239.365 χ^2/NDF : 13.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

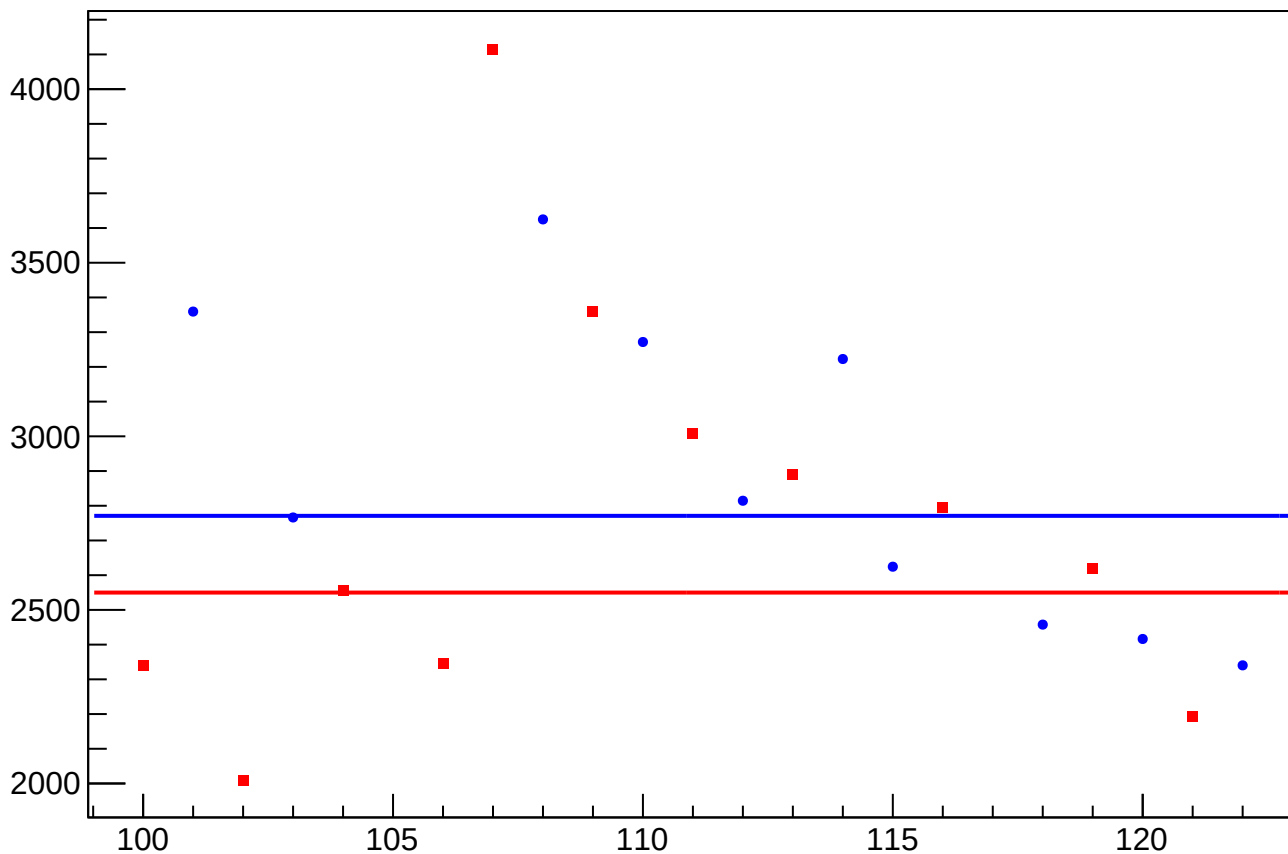
Right: -10.203+/-923.683 χ^2/NDF : 23.9/20

In: 158.299+/-1385.365 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.203+/-923.683 χ^2/NDF : 23.9/20

asym_atr1l2_dd_eigen_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: 2549.936+/-0.876 χ^2/NDF : 278091.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

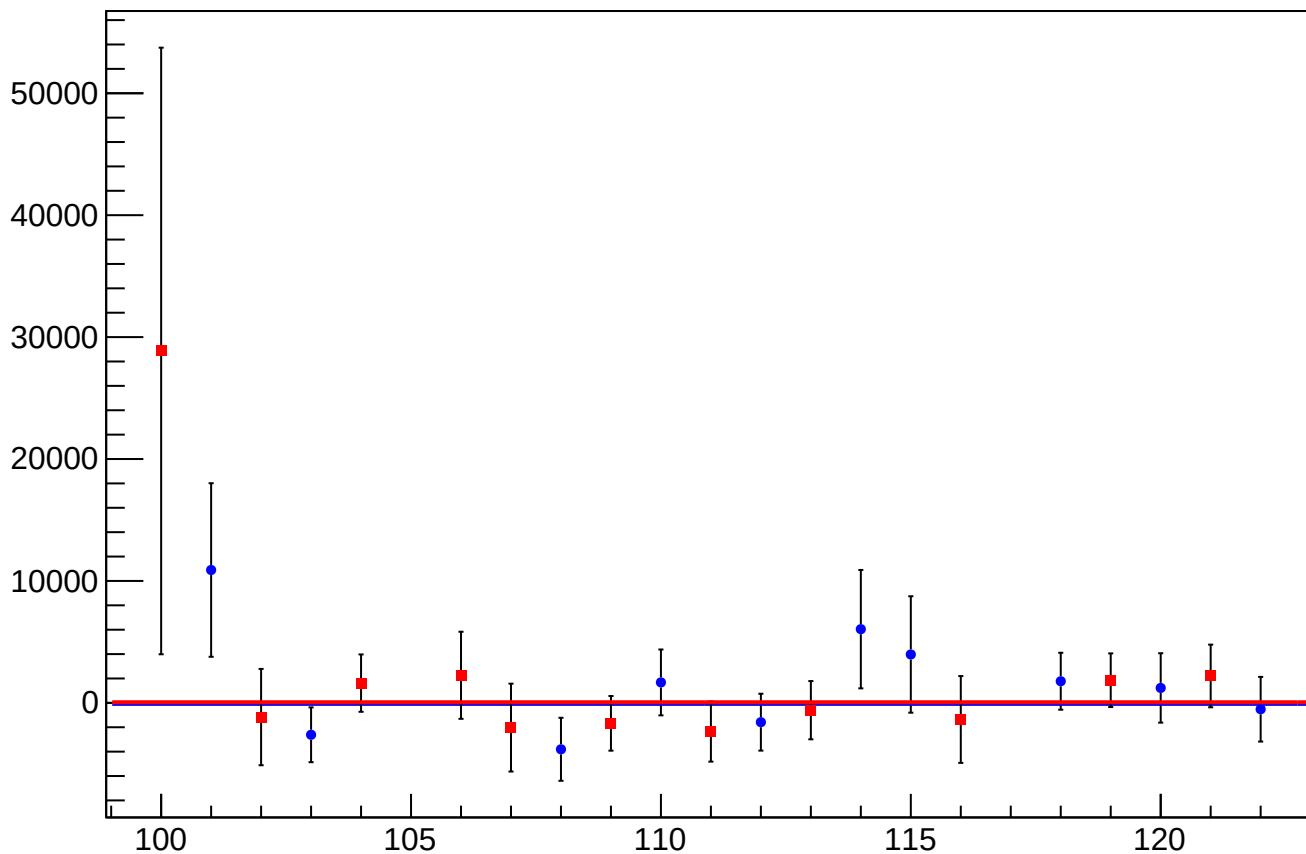
Right: 2648.177+/-0.653 χ^2/NDF : 473887.1/20

In: 2770.927+/-0.980 χ^2/NDF : 167527.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2648.177+/-0.653 χ^2/NDF : 473887.1/20

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: 51.338+/-852.142 χ^2/NDF : 5.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

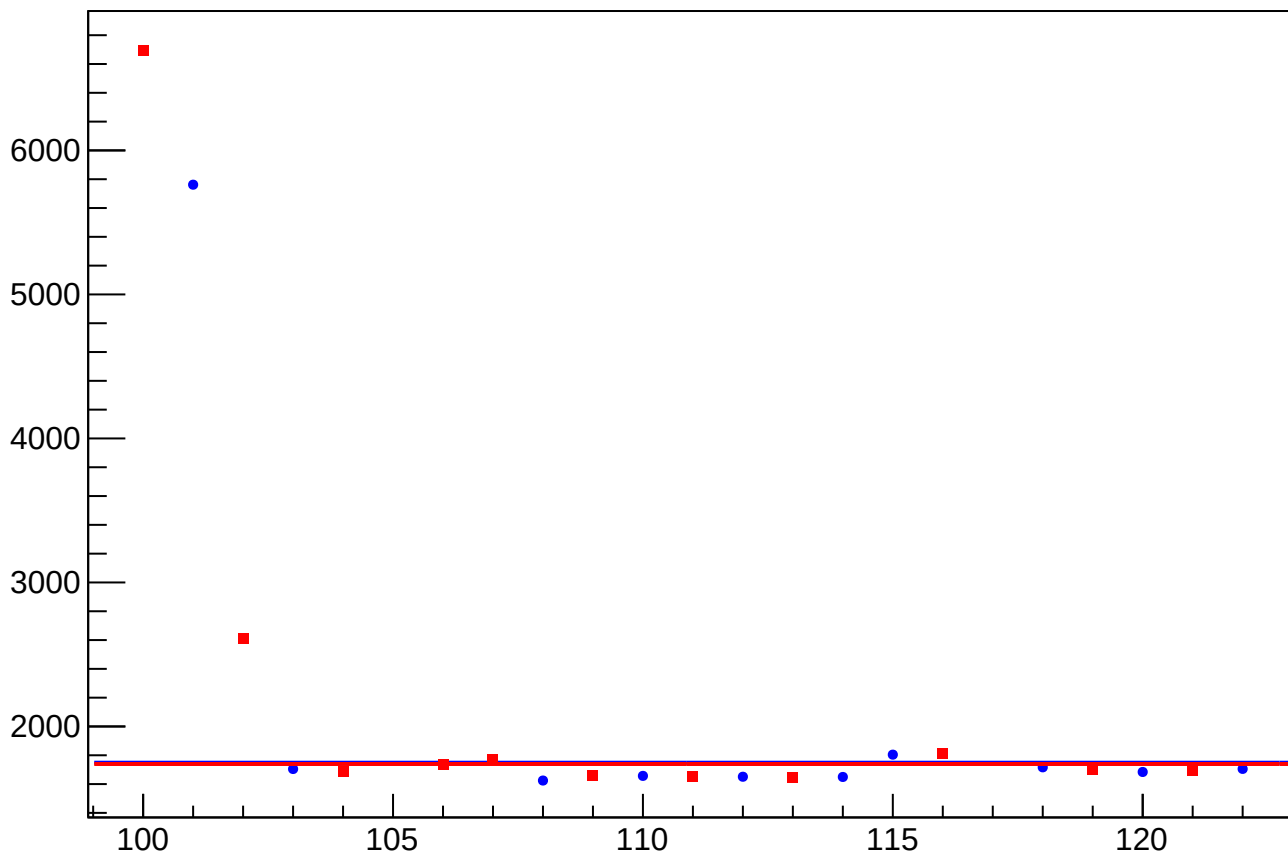
Right: -11.767+/-620.091 χ^2/NDF : 15.5/20

In: -82.792+/-904.040 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.767+/-620.091 χ^2/NDF : 15.5/20

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: 1739.497+/-0.600 χ^2/NDF : 188659.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

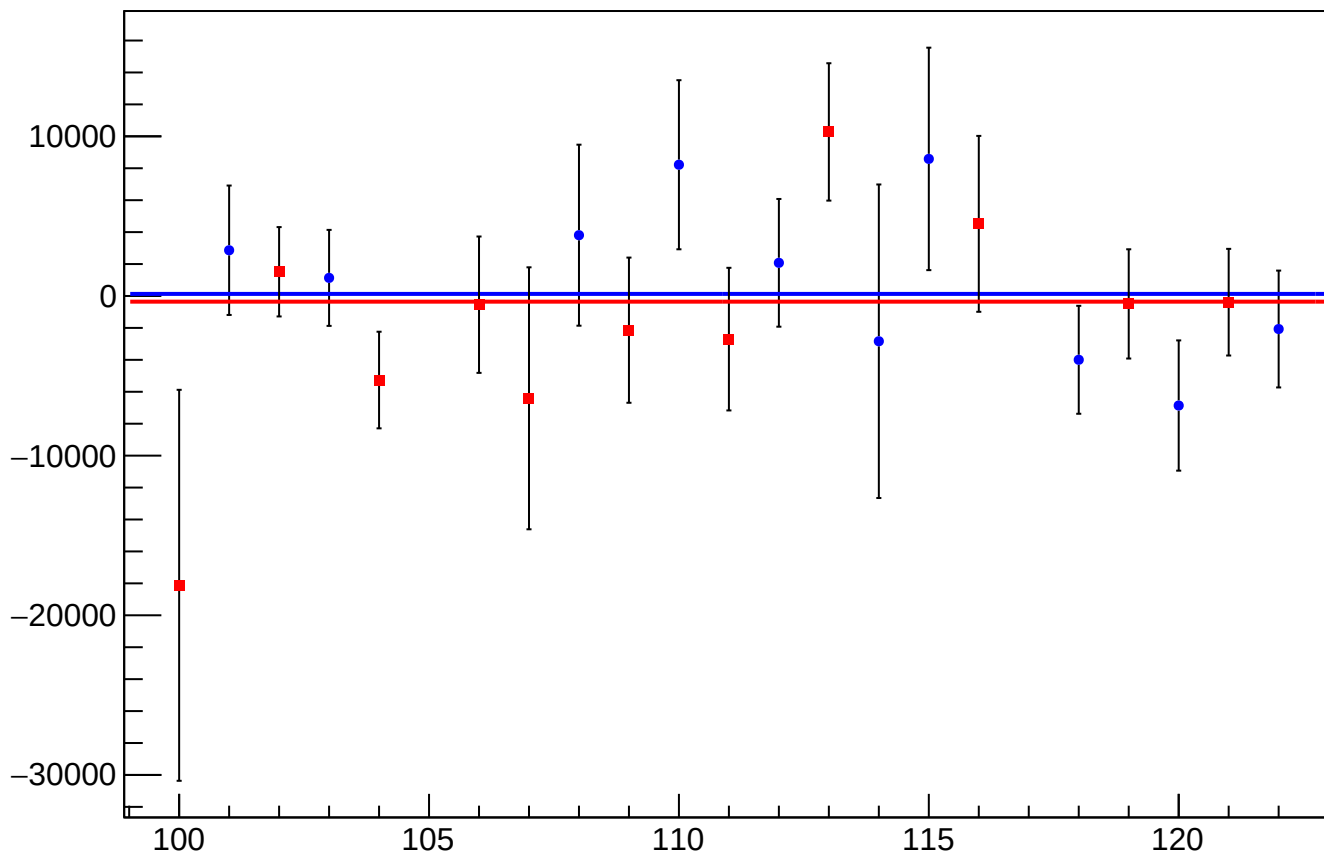
Right: 1743.633+/-0.437 χ^2/NDF : 838736.7/20

In: 1748.334+/-0.639 χ^2/NDF : 649975.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1743.633+/-0.437 χ^2/NDF : 838736.7/20

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 129.875+/-1343.461 χ^2 /NDF: 9.9/9

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

Right Out: -355.543+/-1218.258 χ^2 /NDF: 13.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

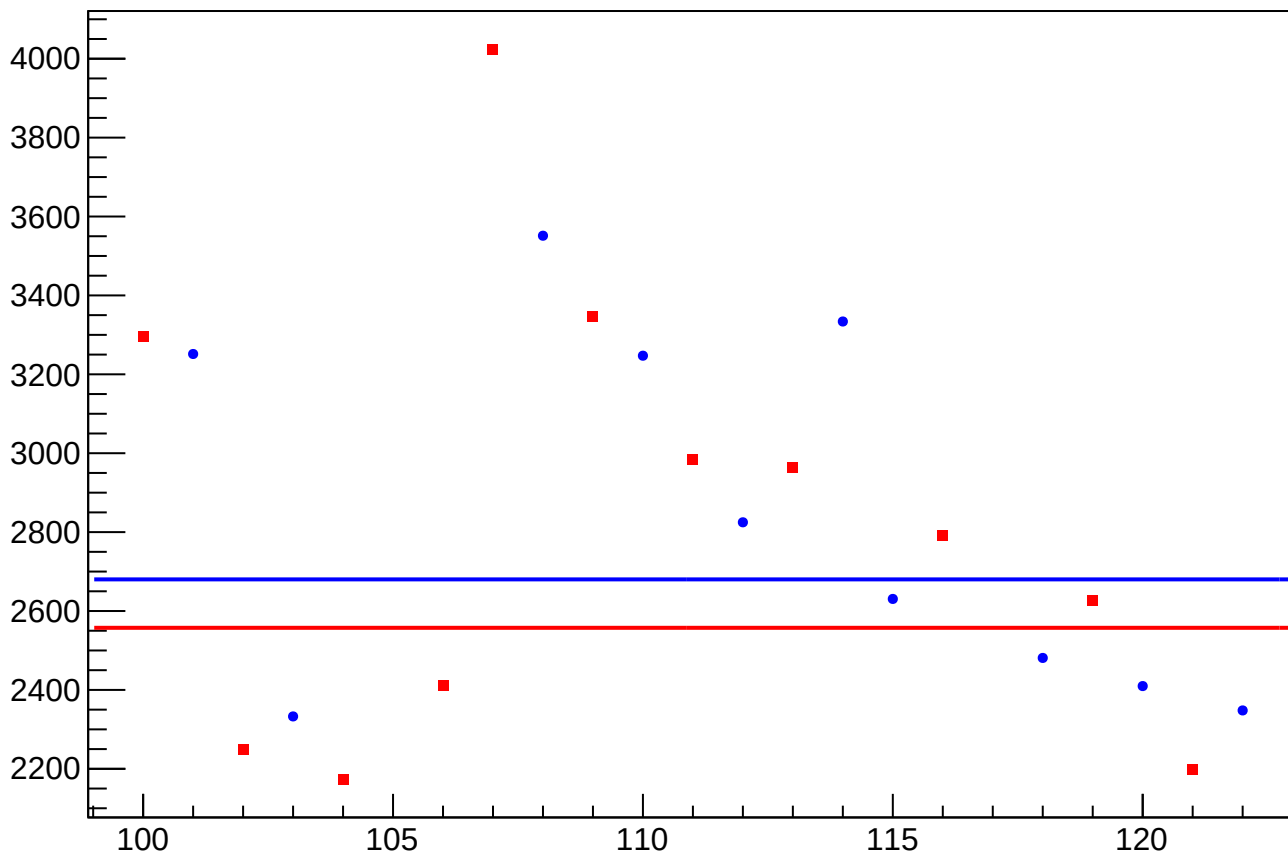
Right: -136.502+/-902.464 χ^2 /NDF: 23.0/20

In: 129.875+/-1343.461 χ^2 /NDF:9.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -136.502+/-902.464 χ^2 /NDF: 23.0/20

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: 2557.442+/-0.861 χ^2/NDF : 254253.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

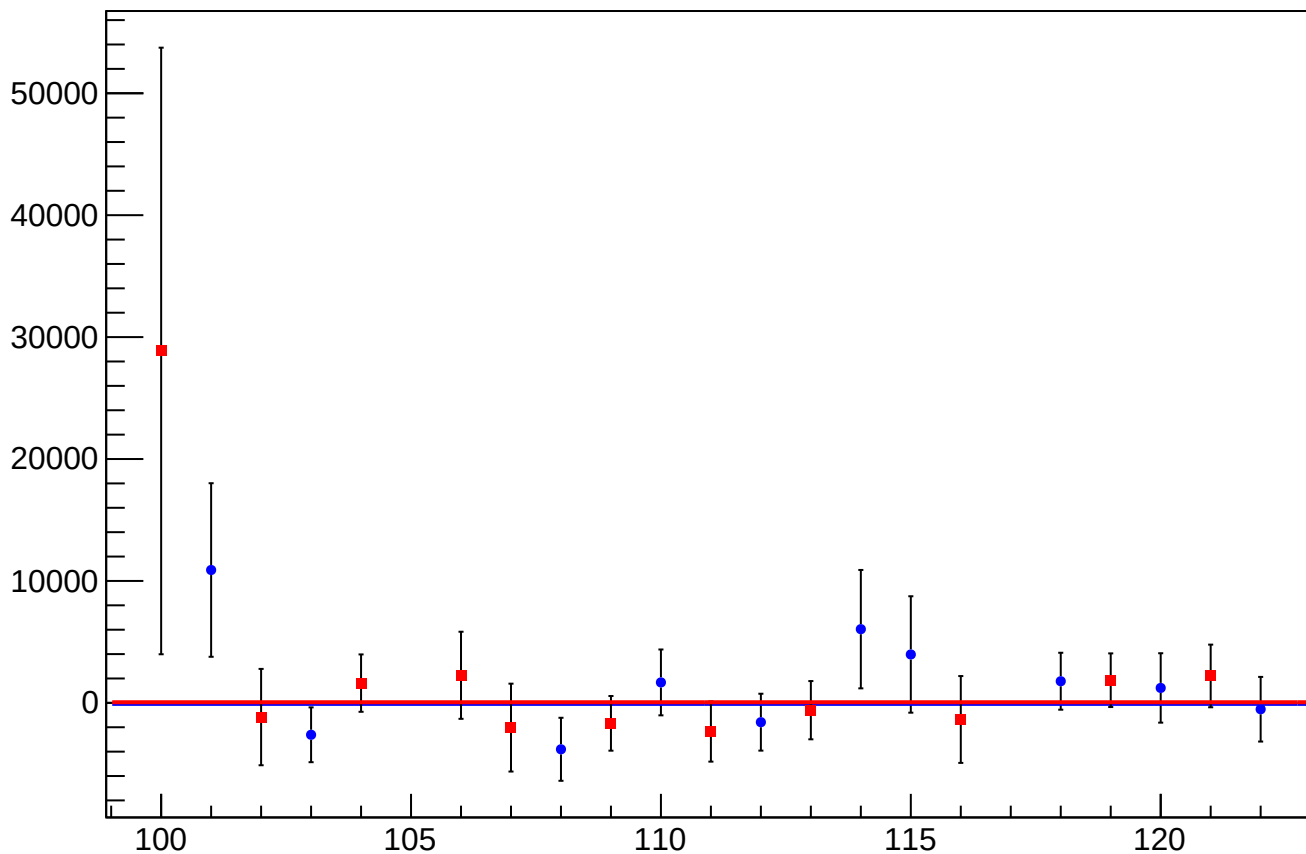
Right: 2612.826+/-0.638 χ^2/NDF : 443811.0/20

In: 2680.179+/-0.950 χ^2/NDF : 180397.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2612.826+/-0.638 χ^2/NDF : 443811.0/20

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: 51.329+/-852.142 χ^2/NDF : 5.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

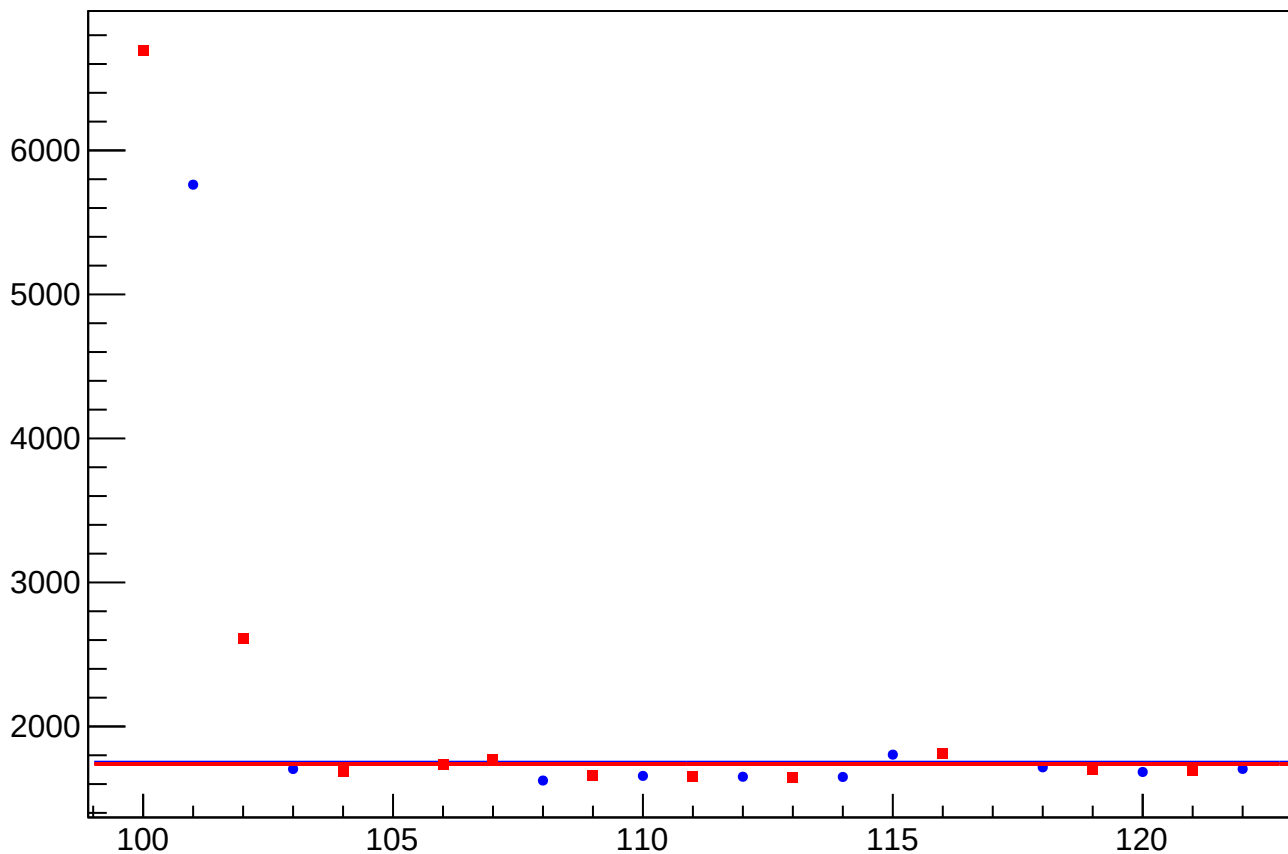
Right: -11.771+/-620.091 χ^2/NDF : 15.5/20

In: -82.792+/-904.040 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.771+/-620.091 χ^2/NDF : 15.5/20

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: 1739.497+/-0.600 χ^2/NDF : 188659.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

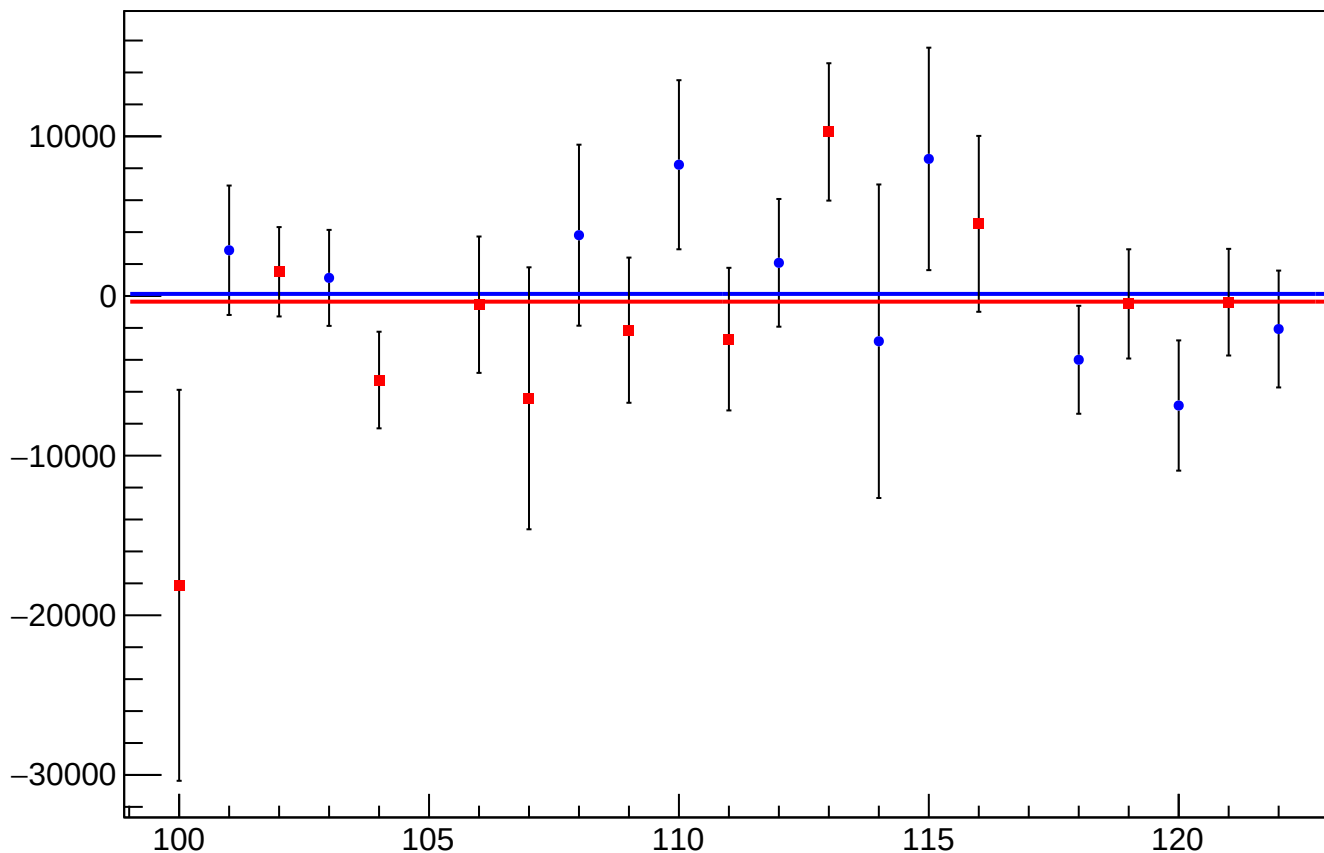
Right: 1743.633+/-0.437 χ^2/NDF : 838736.6/20

In: 1748.334+/-0.639 χ^2/NDF : 649975.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1743.633+/-0.437 χ^2/NDF : 838736.6/20

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 129.868+/-1343.457 χ^2/NDF : 9.9/9

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

Right Out: -355.542+/-1218.255 χ^2/NDF : 13.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

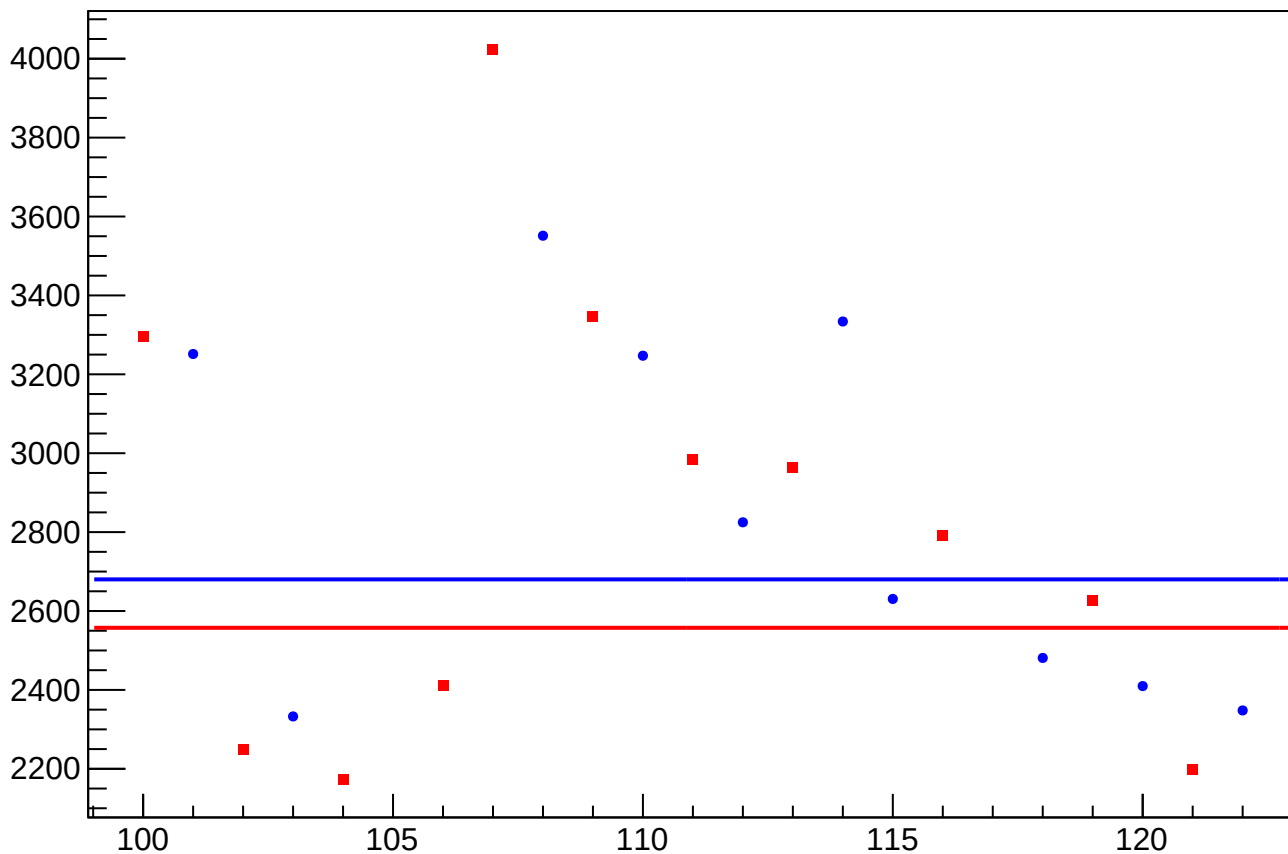
Right: -136.504+/-902.461 χ^2/NDF : 23.0/20

In: 129.868+/-1343.457 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.504+/-902.461 χ^2/NDF : 23.0/20

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: 2557.438+/-0.861 χ^2/NDF : 254249.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

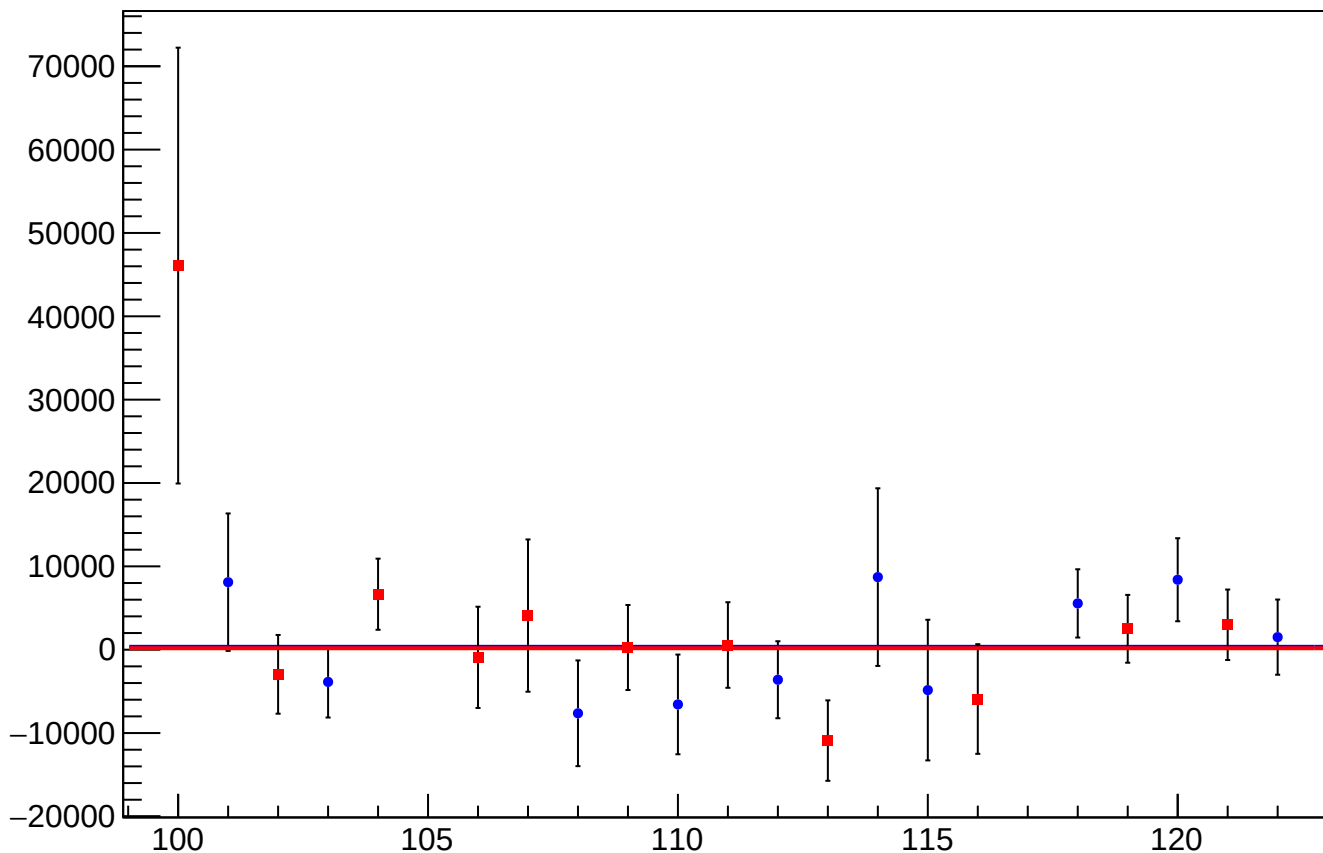
Right: 2612.820+/-0.638 χ^2/NDF : 443807.2/20

In: 2680.171+/-0.950 χ^2/NDF : 180398.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2612.820+/-0.638 χ^2/NDF : 443807.2/20

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: 176.504+/-1582.664 χ^2/NDF : 13.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

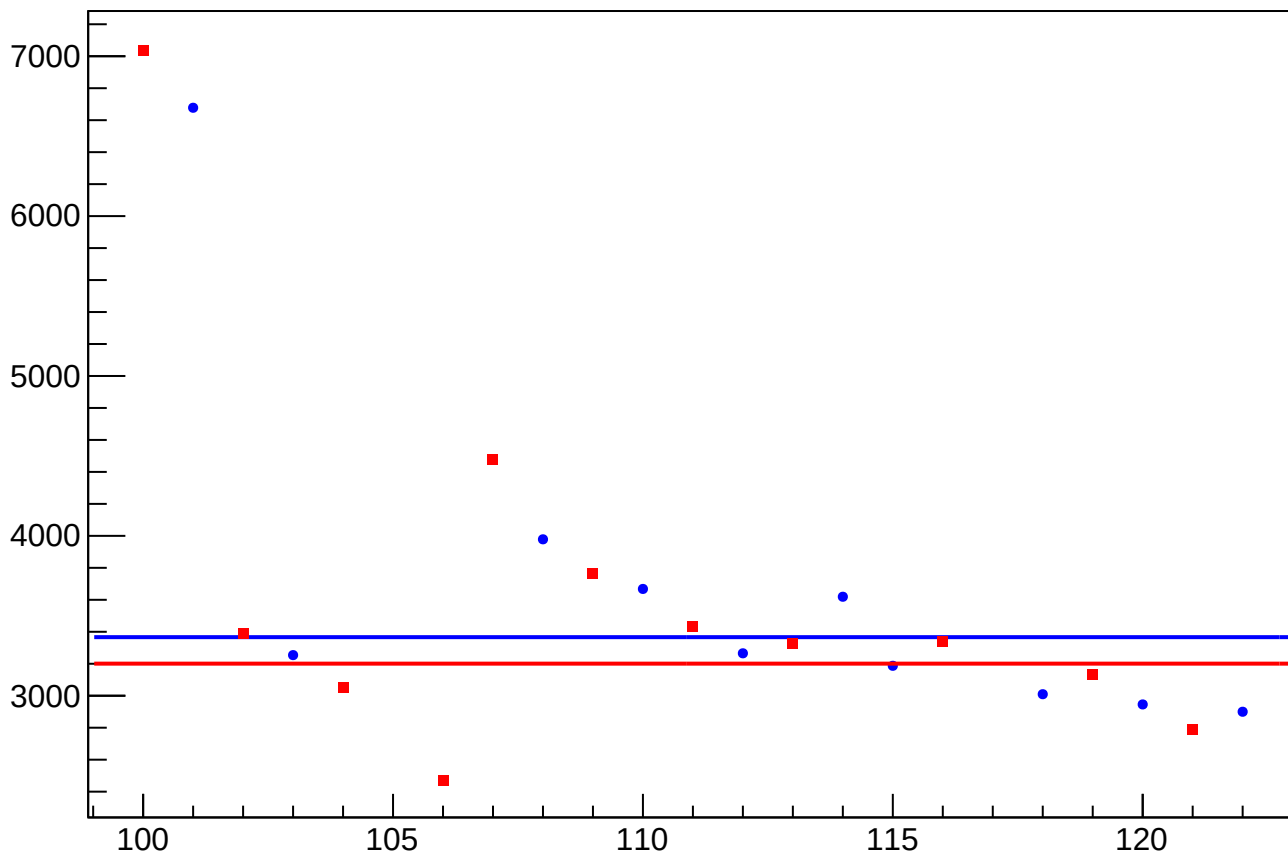
Right: 253.666+/-1162.157 χ^2/NDF : 23.8/20

In: 343.958+/-1712.023 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.666+/-1162.157 χ^2/NDF : 23.8/20

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: 3200.730+/-1.095 χ^2/NDF : 185672.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

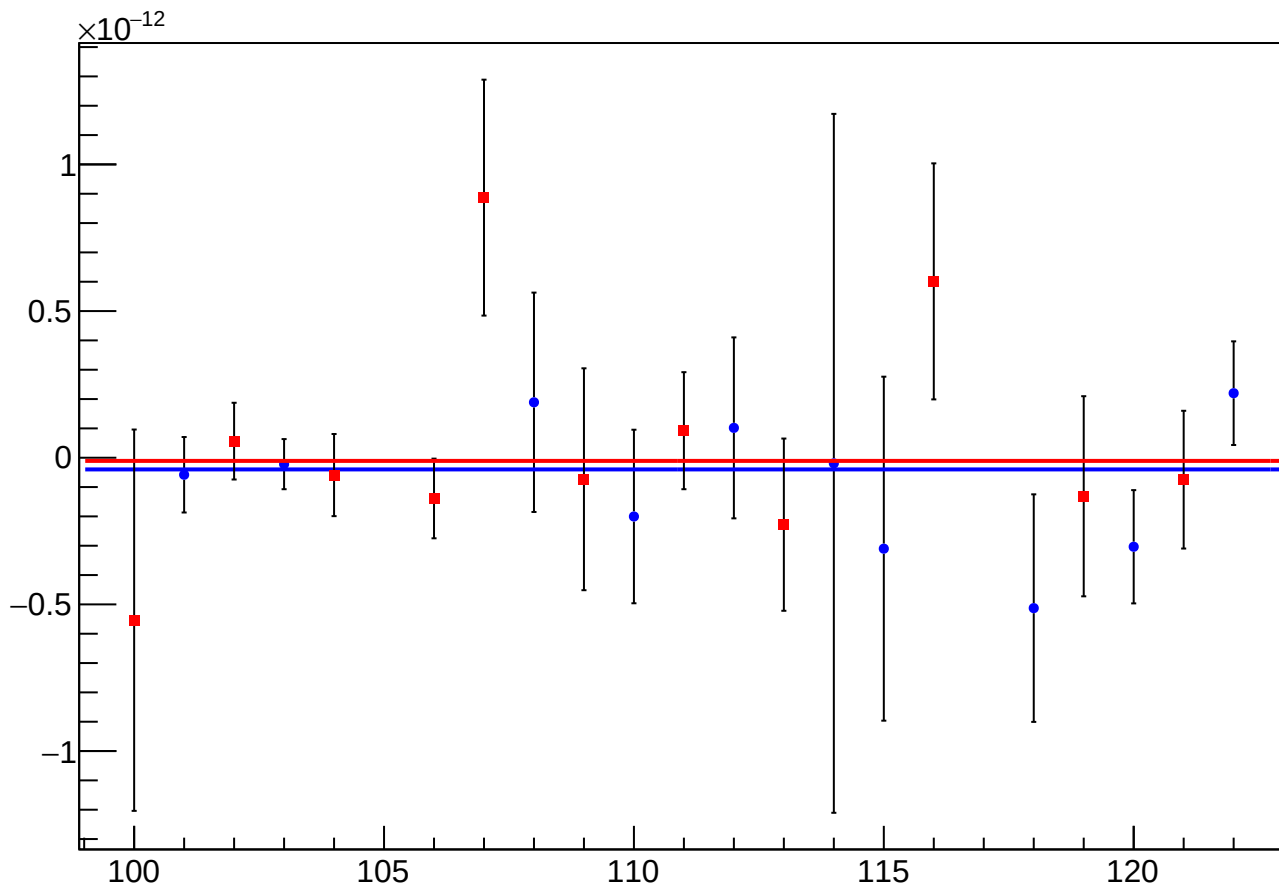
Right: 3275.299+/-0.812 χ^2/NDF : 597483.5/20

In: 3366.379+/-1.211 χ^2/NDF : 401515.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3275.299+/-0.812 χ^2/NDF : 597483.5/20

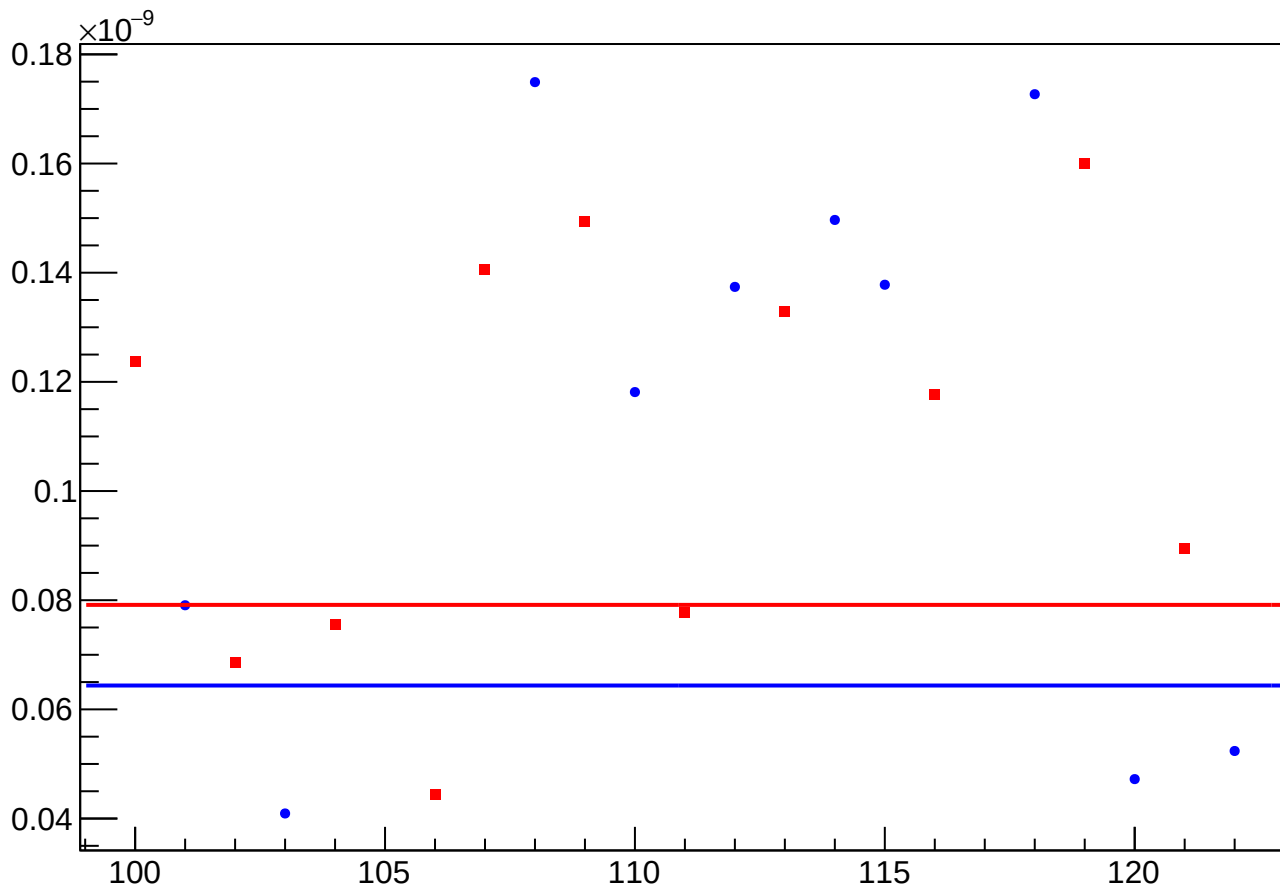
asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 10.3/10
 Left In: 0.000+/-0.000 χ^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 : 6.7/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 17.1/20

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 : 471707.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

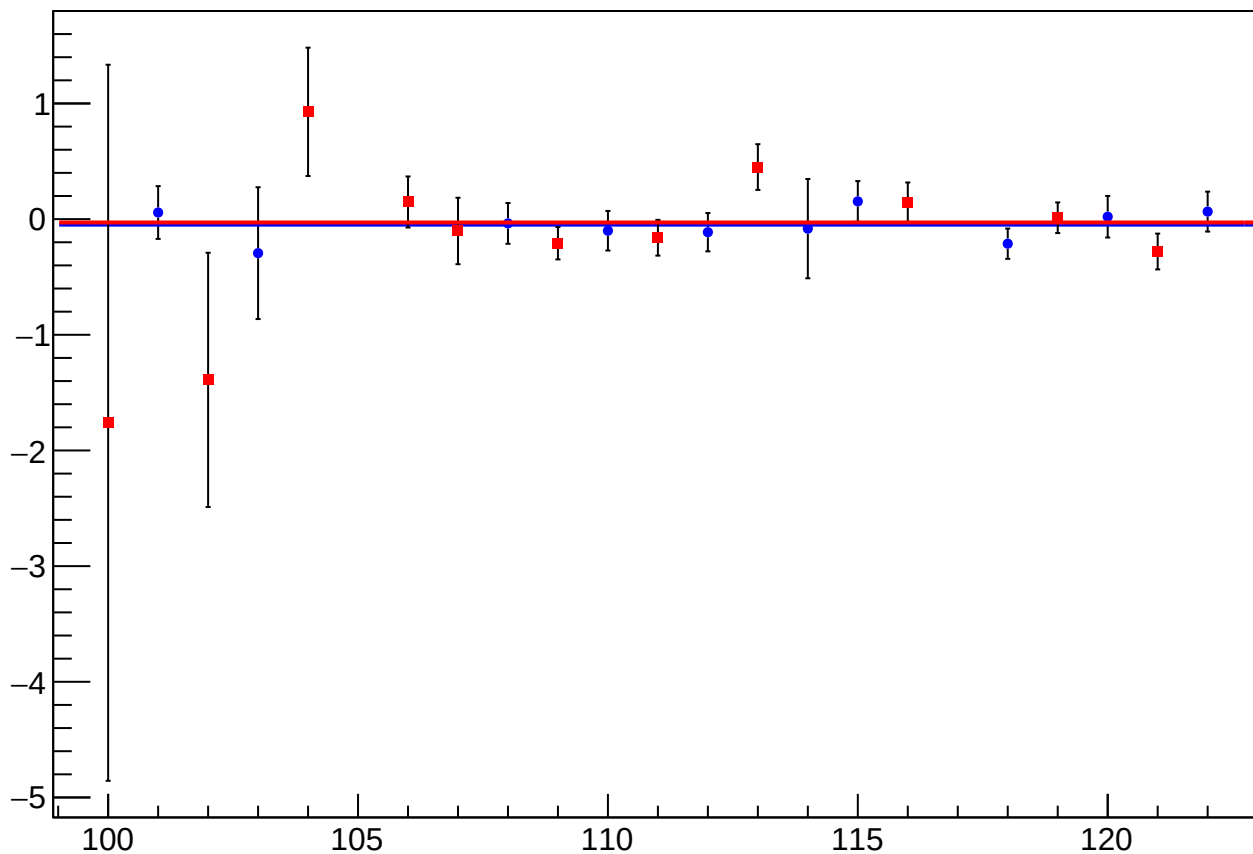
Right: 0.000+/-0.000 χ^2/NDF : 1282796.1/20

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 : 1282796.1/20

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 : 17.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

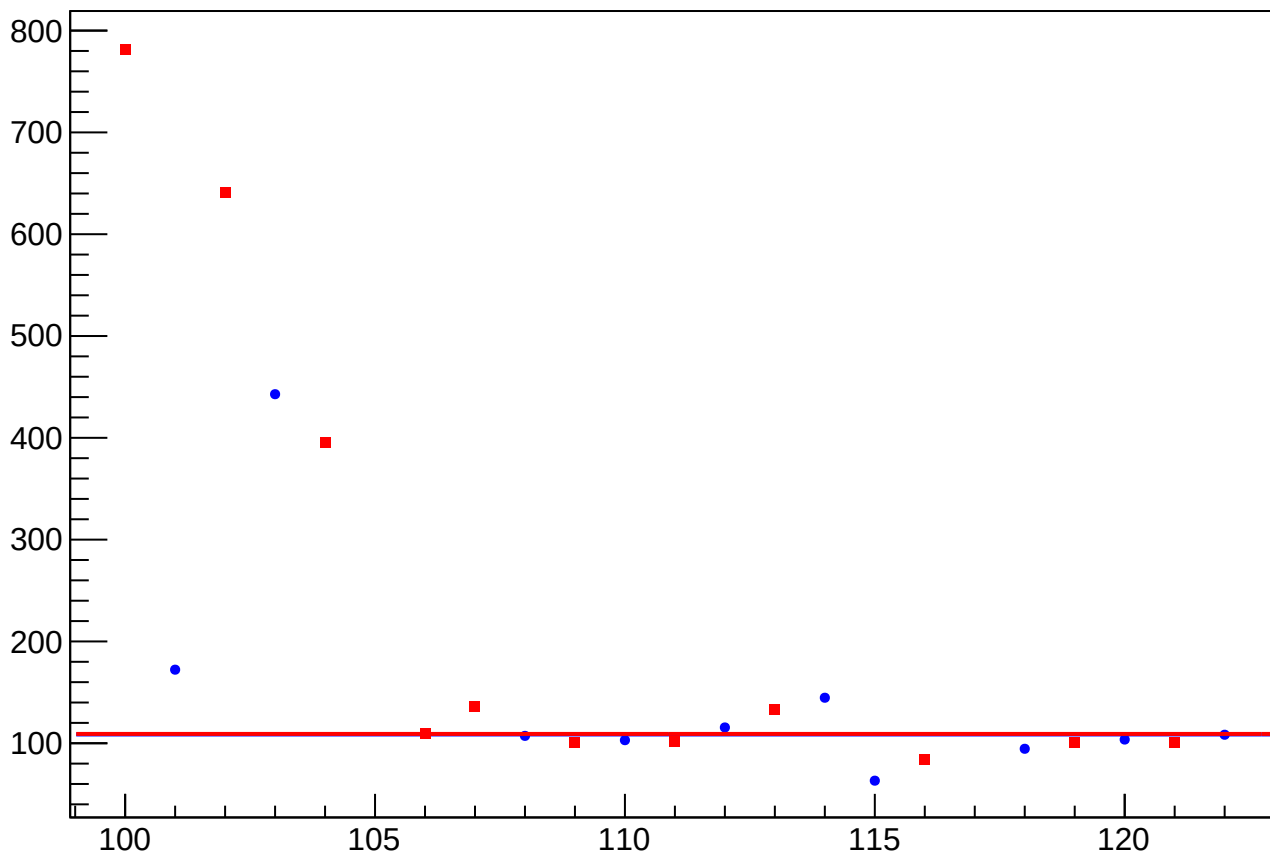
Right: -0.038 ± 0.042 χ^2/NDF : 21.7/20

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 : 21.7/20

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: 109.155+/-0.042 χ^2/NDF : 1209210.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

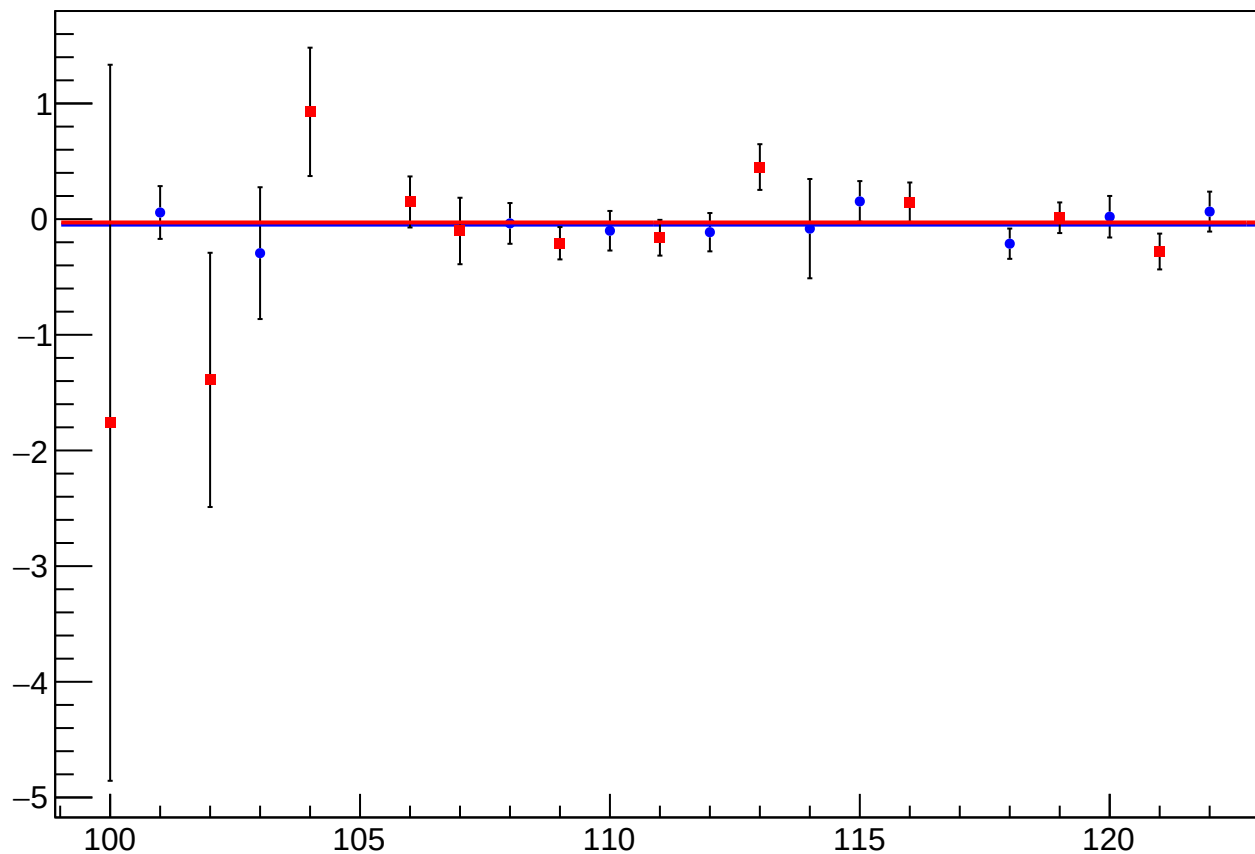
Right: 108.898+/-0.030 χ^2/NDF : 2231320.5/20

In: 108.639+/-0.042 χ^2/NDF : 1022033.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.898+/-0.030 χ^2/NDF : 2231320.5/20

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 : 17.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

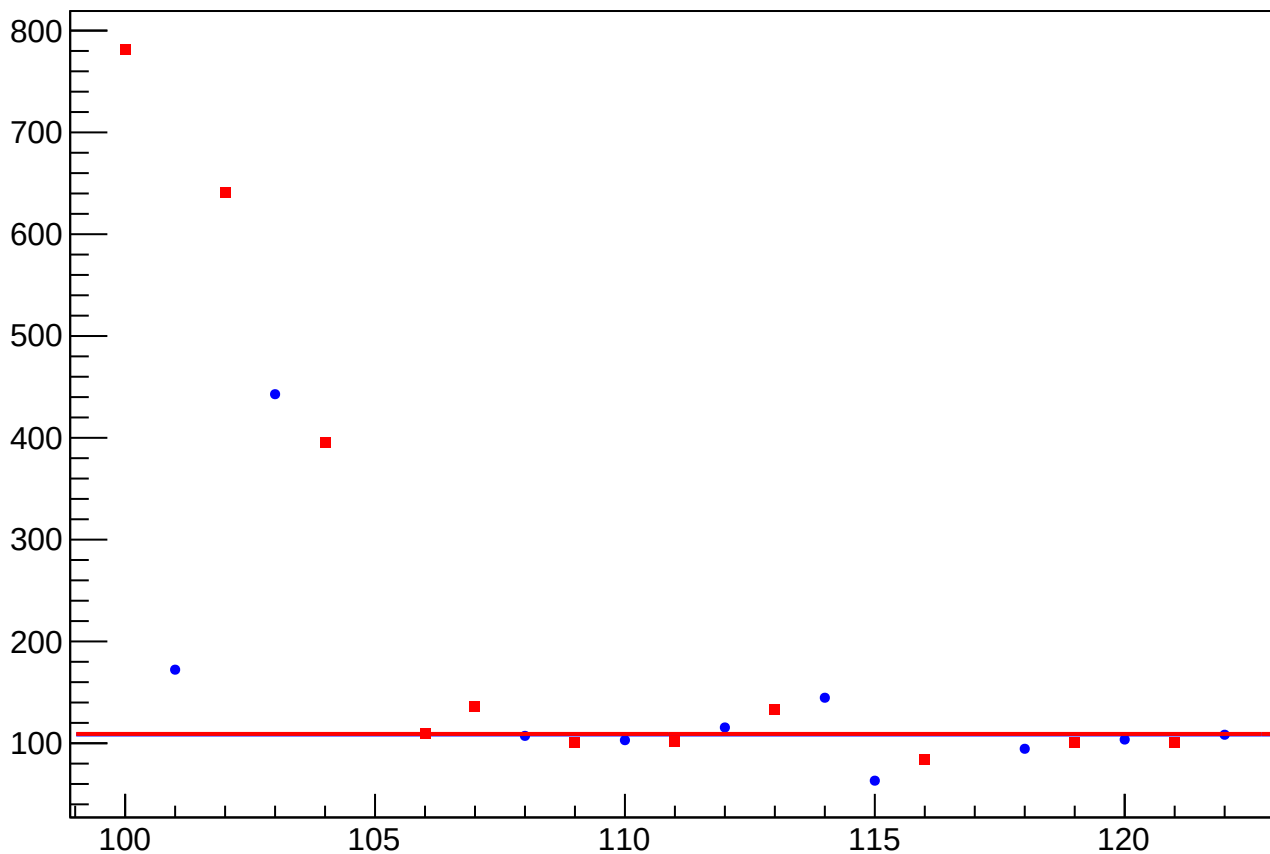
Right: -0.038 ± 0.042 χ^2/NDF : 21.7/20

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 : 21.7/20

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: 109.155+/-0.042 χ^2/NDF : 1209210.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

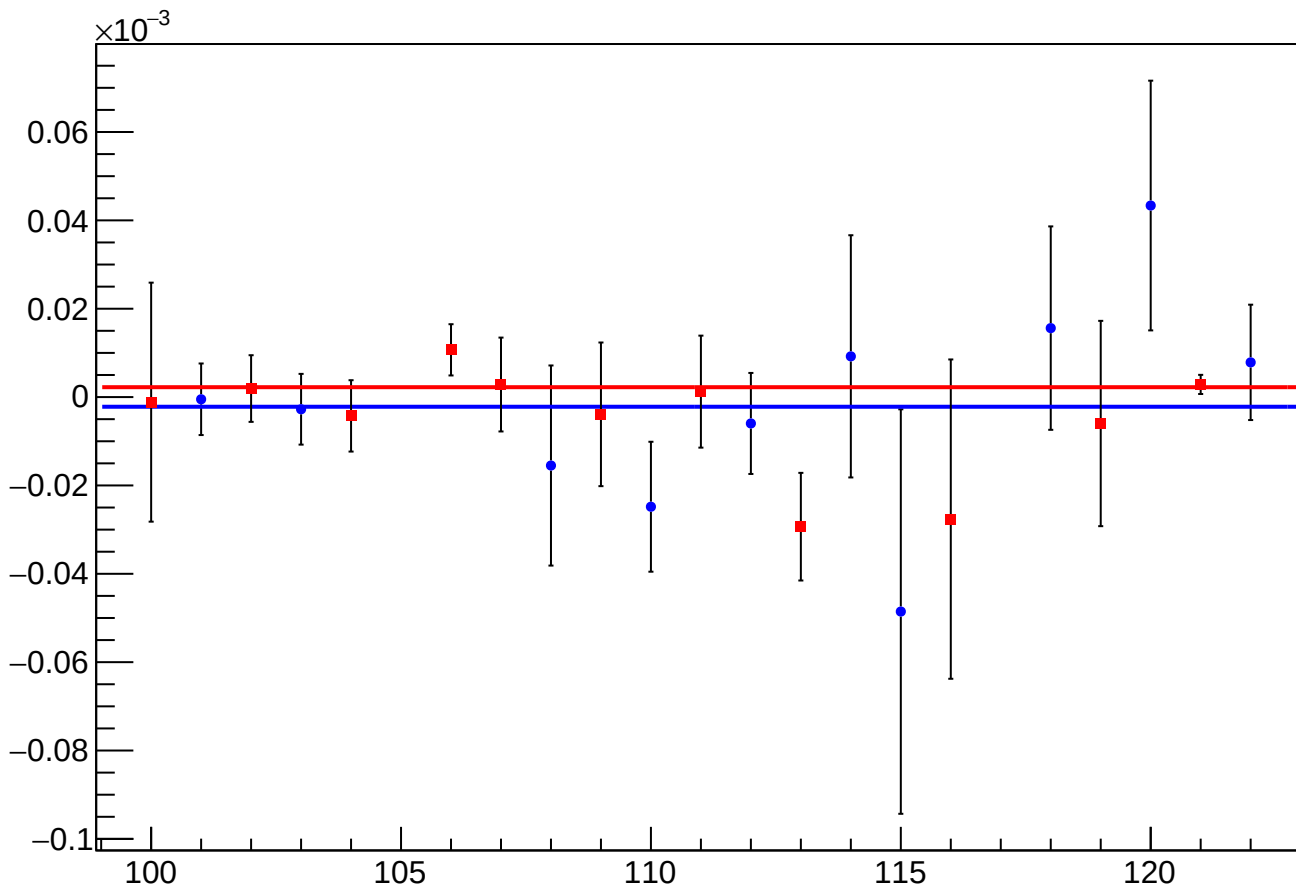
Right: 108.898+/-0.030 χ^2/NDF : 2231320.5/20

In: 108.639+/-0.042 χ^2/NDF : 1022033.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.898+/-0.030 χ^2/NDF : 2231320.5/20

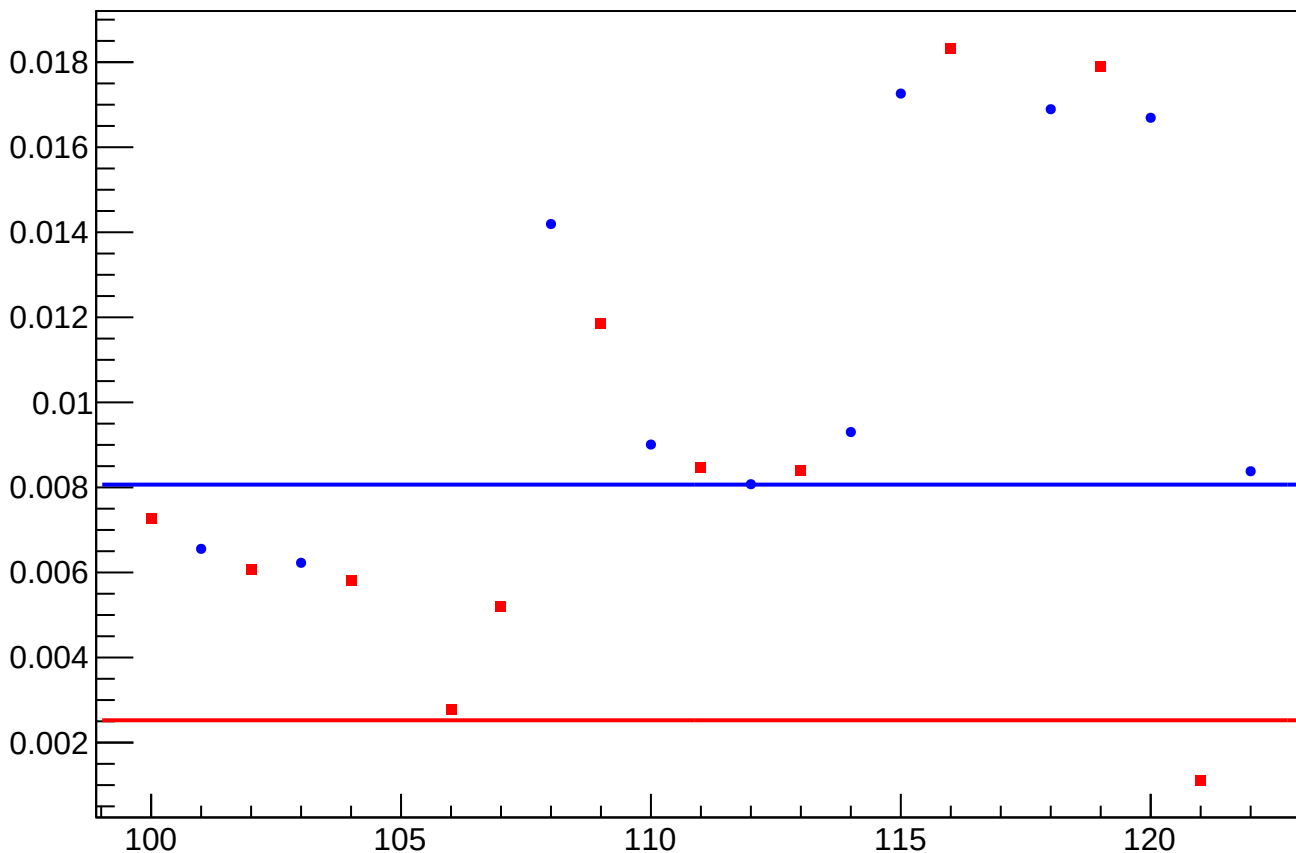
asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 10.6/10
 Left In: 0.000+/-0.000 χ^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 : 7.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 19.3/20

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: 0.003+/-0.000 χ^2/NDF : 4644537.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

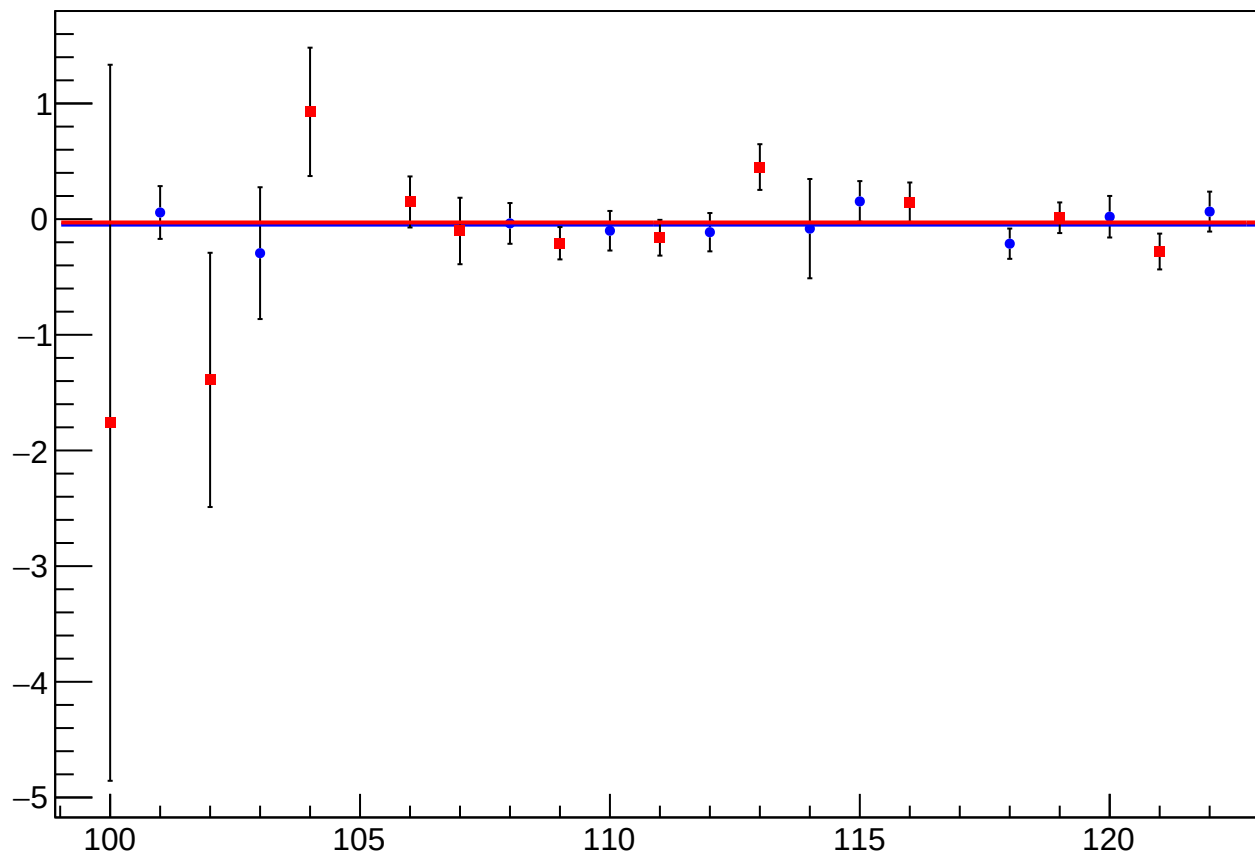
Right: 0.003+/-0.000 χ^2/NDF : 8441872.7/20

In: 0.008+/-0.000 χ^2/NDF : 895987.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8441872.7/20

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 : 17.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

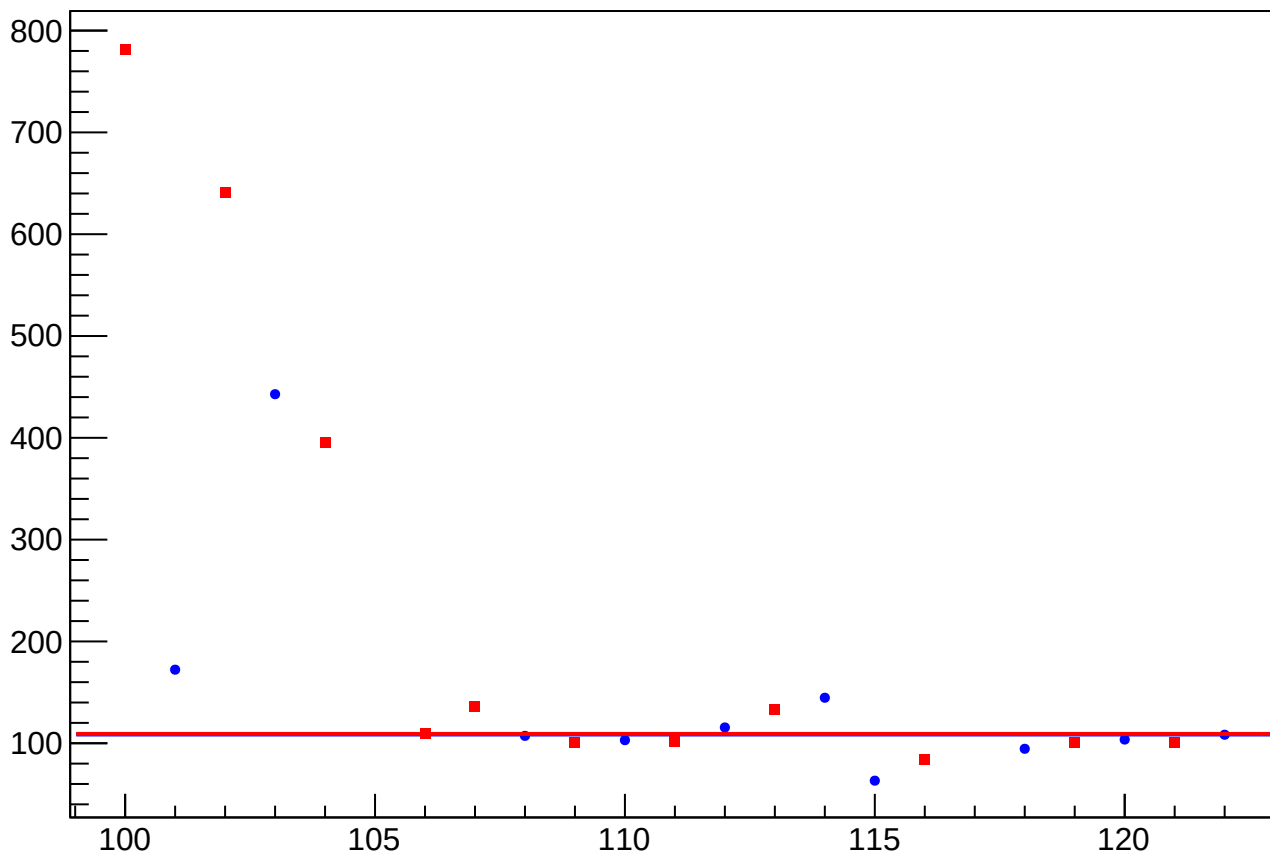
Right: -0.038 ± 0.042 χ^2/NDF : 21.7/20

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 : 21.7/20

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.640 $\pm$ 0.042 χ^2 /NDF: 1022012.7/9

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

Right Out: 109.158 $\pm$ 0.042 χ^2 /NDF: 1209168.6/10

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

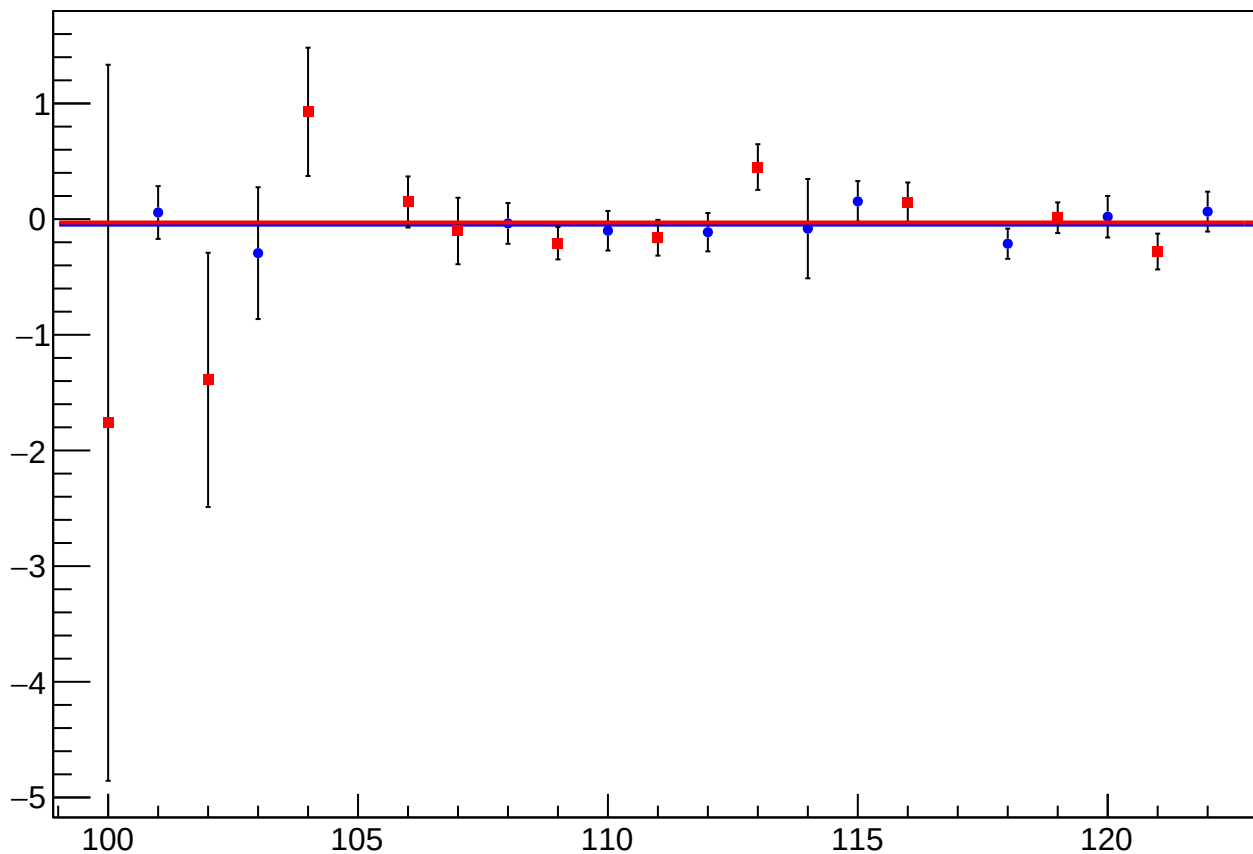
Right: 108.900 $\pm$ 0.030 χ^2 /NDF: 2231258.3/20

In: 108.640 $\pm$ 0.042 χ^2 /NDF:1022012.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 108.900 $\pm$ 0.030 χ^2 /NDF: 2231258.3/20

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 : 17.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

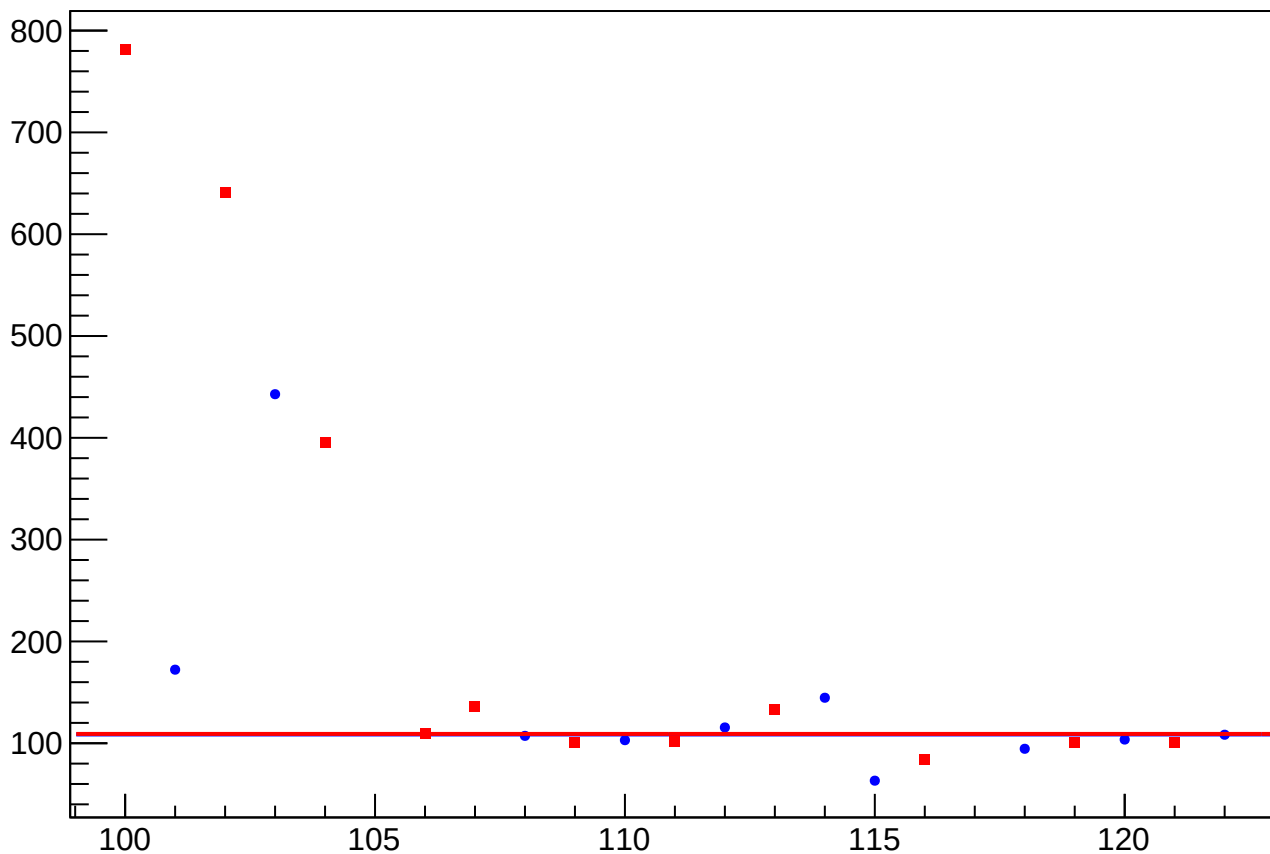
Right: -0.038 ± 0.042 χ^2/NDF : 21.7/20

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 : 21.7/20

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: 109.158+/-0.042 χ^2/NDF : 1209168.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

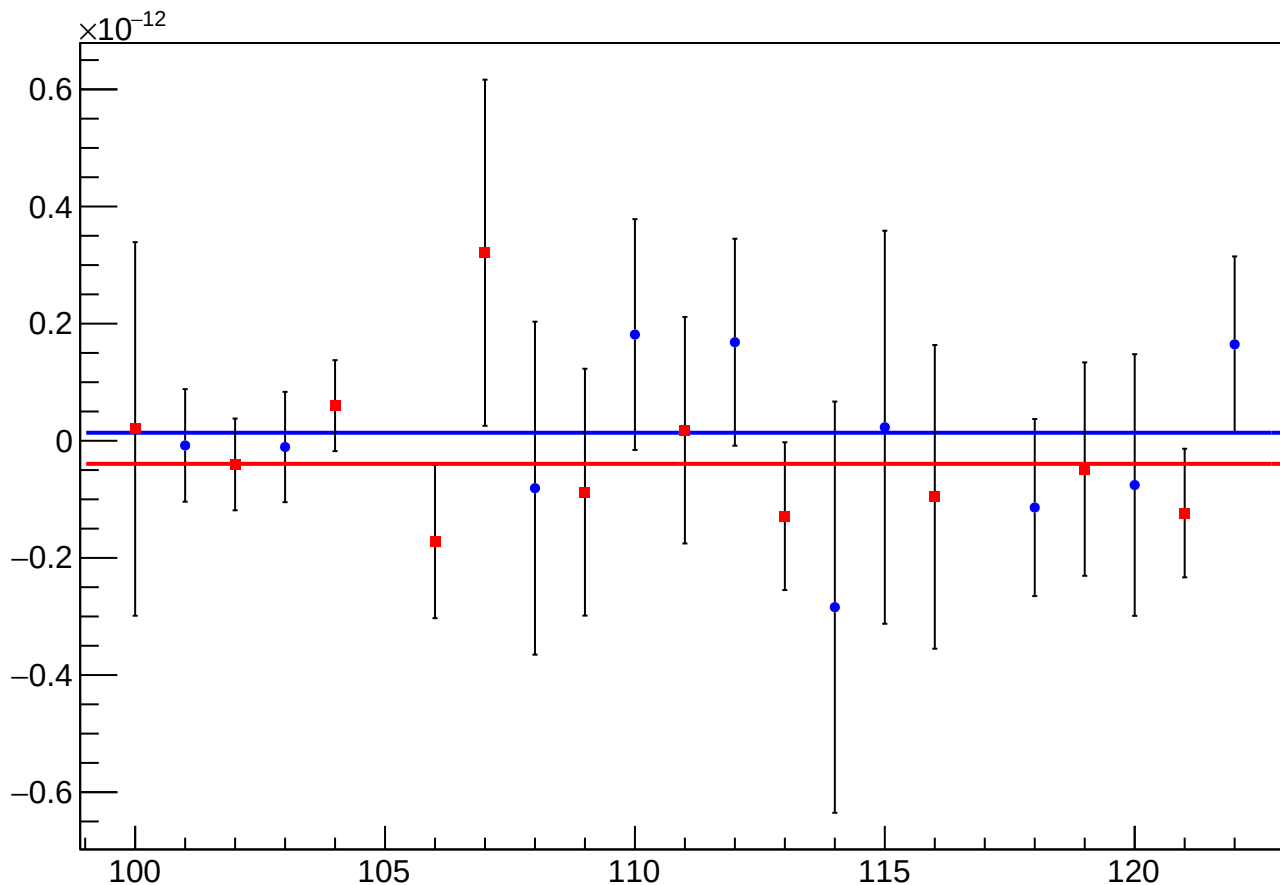
Right: 108.900+/-0.030 χ^2/NDF : 2231258.3/20

In: 108.640+/-0.042 χ^2/NDF : 1022012.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.900+/-0.030 χ^2/NDF : 2231258.3/20

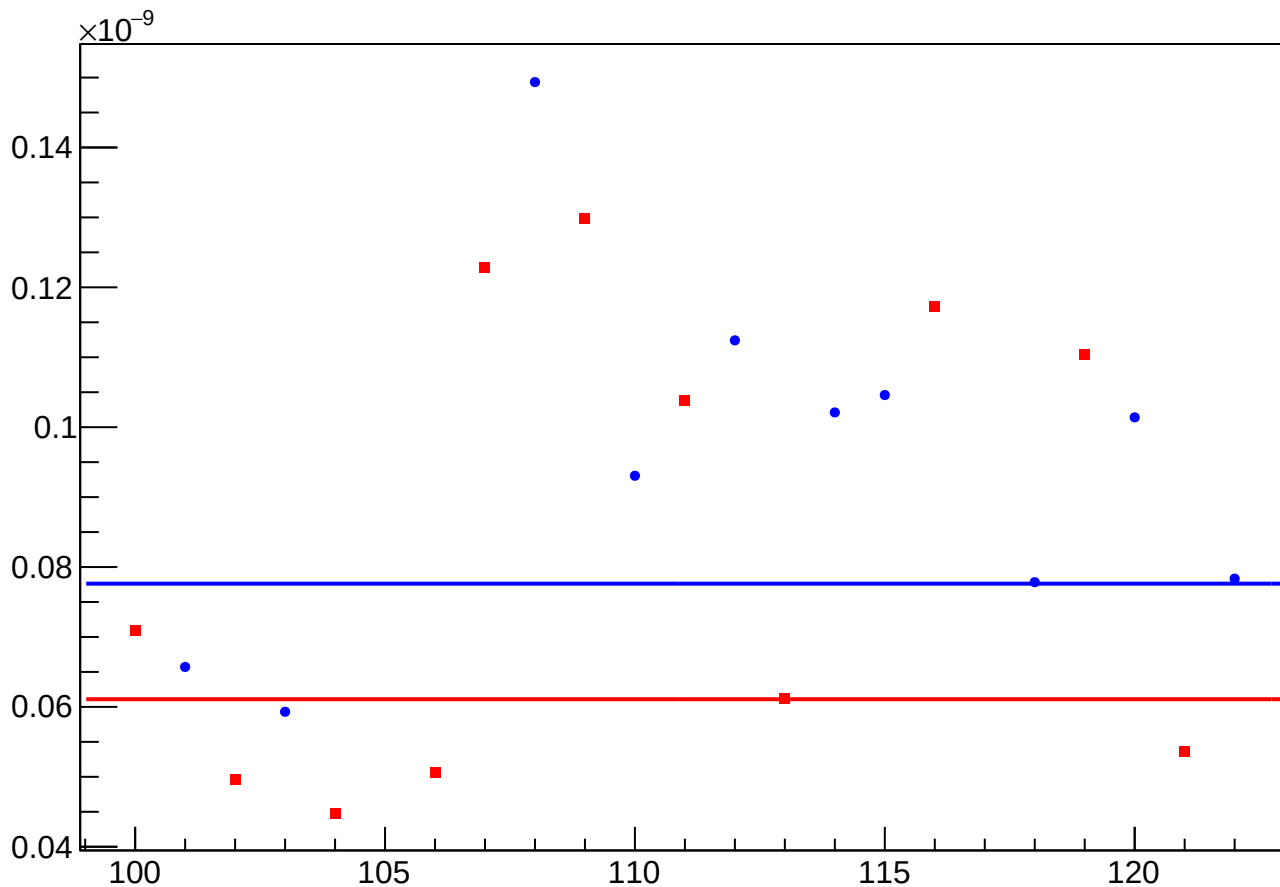
asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 5.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 10.5/20
 In: 0.000+/-0.000 χ^2/NDF : 4.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 10.5/20

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 : 794806.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

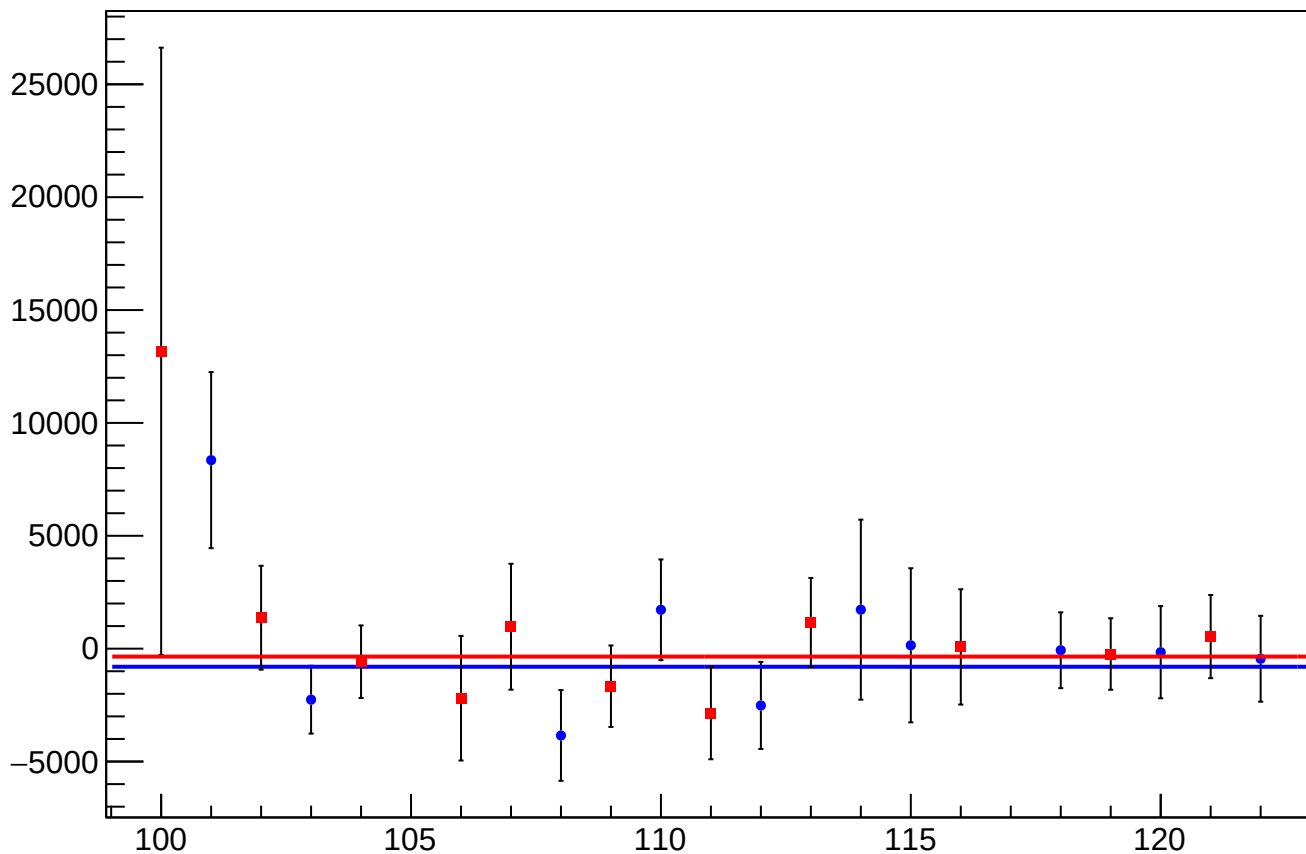
Right: 0.000+/-0.000 χ^2/NDF : 1302299.3/20

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 : 1302299.3/20

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: -351.659+/-633.518 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

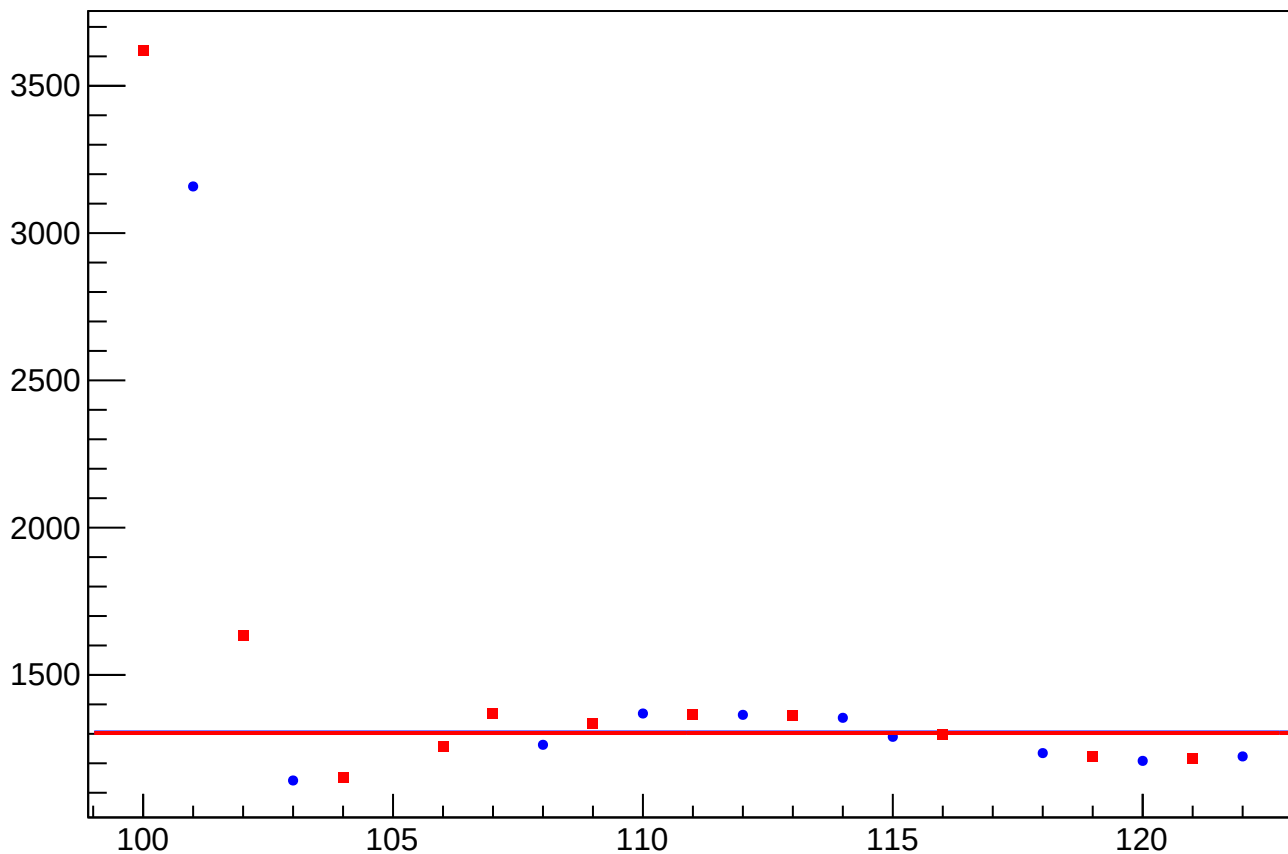
Right: -564.983+/-459.429 χ^2/NDF : 17.0/20

In: -801.633+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -564.983+/-459.429 χ^2/NDF : 17.0/20

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: 1302.847+/-0.446 χ^2/NDF : 134351.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

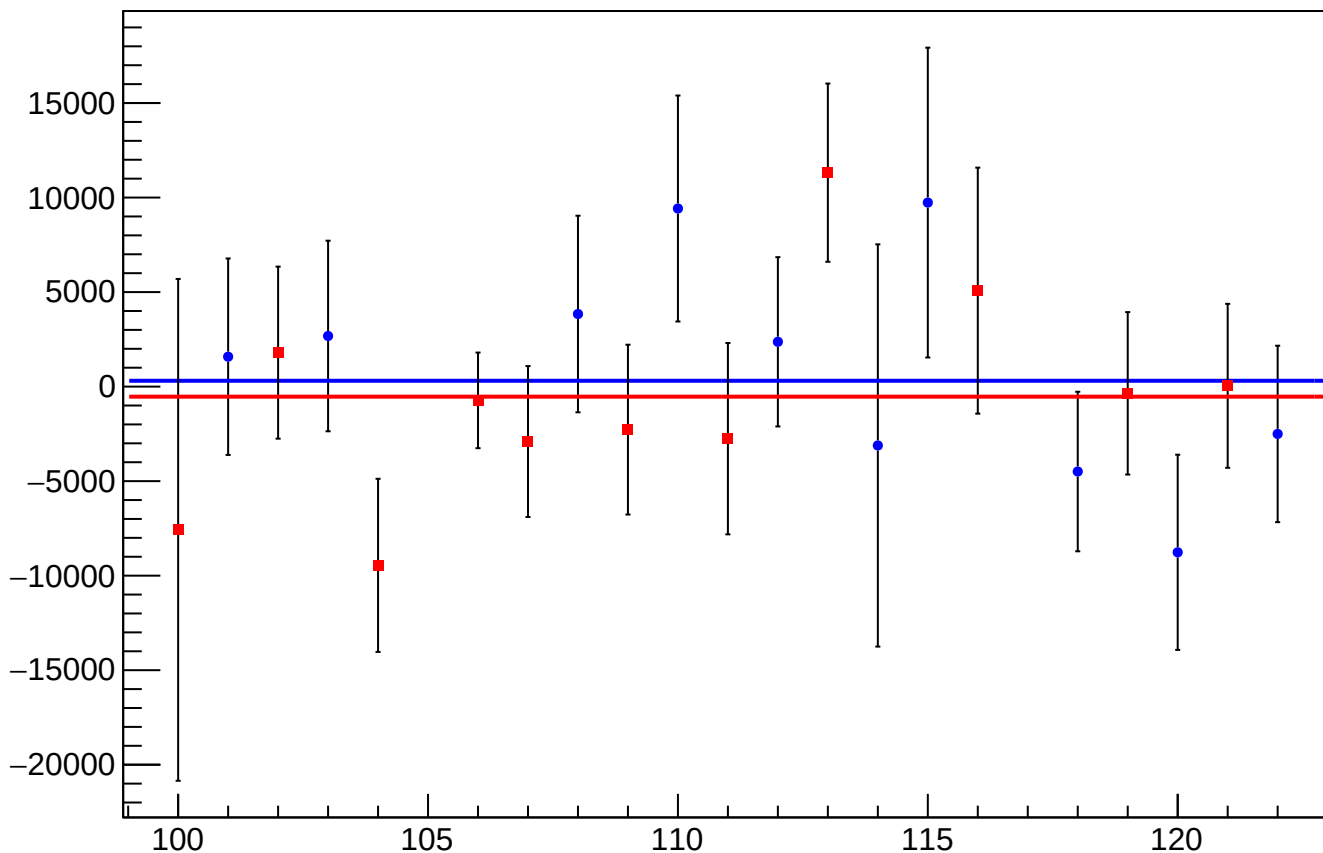
Right: 1303.642+/-0.324 χ^2/NDF : 626151.0/20

In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.642+/-0.324 χ^2/NDF : 626151.0/20

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: -531.816+/-1307.023 χ^2/NDF : 12.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

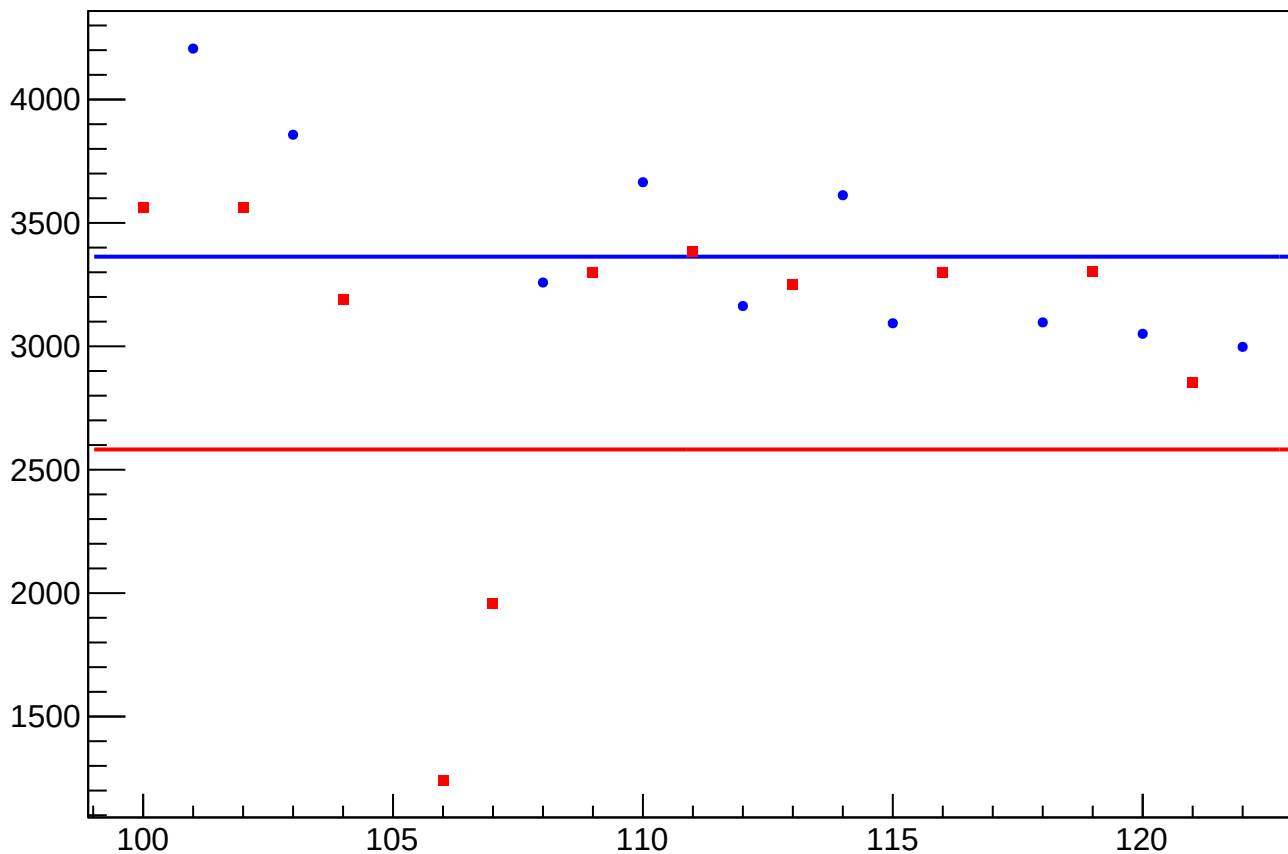
Right: -214.697+/-1031.428 χ^2/NDF : 21.7/20

In: 308.783+/-1679.275 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.697+/-1031.428 χ^2/NDF : 21.7/20

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: 2582.070+/-0.924 χ^2/NDF : 979256.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

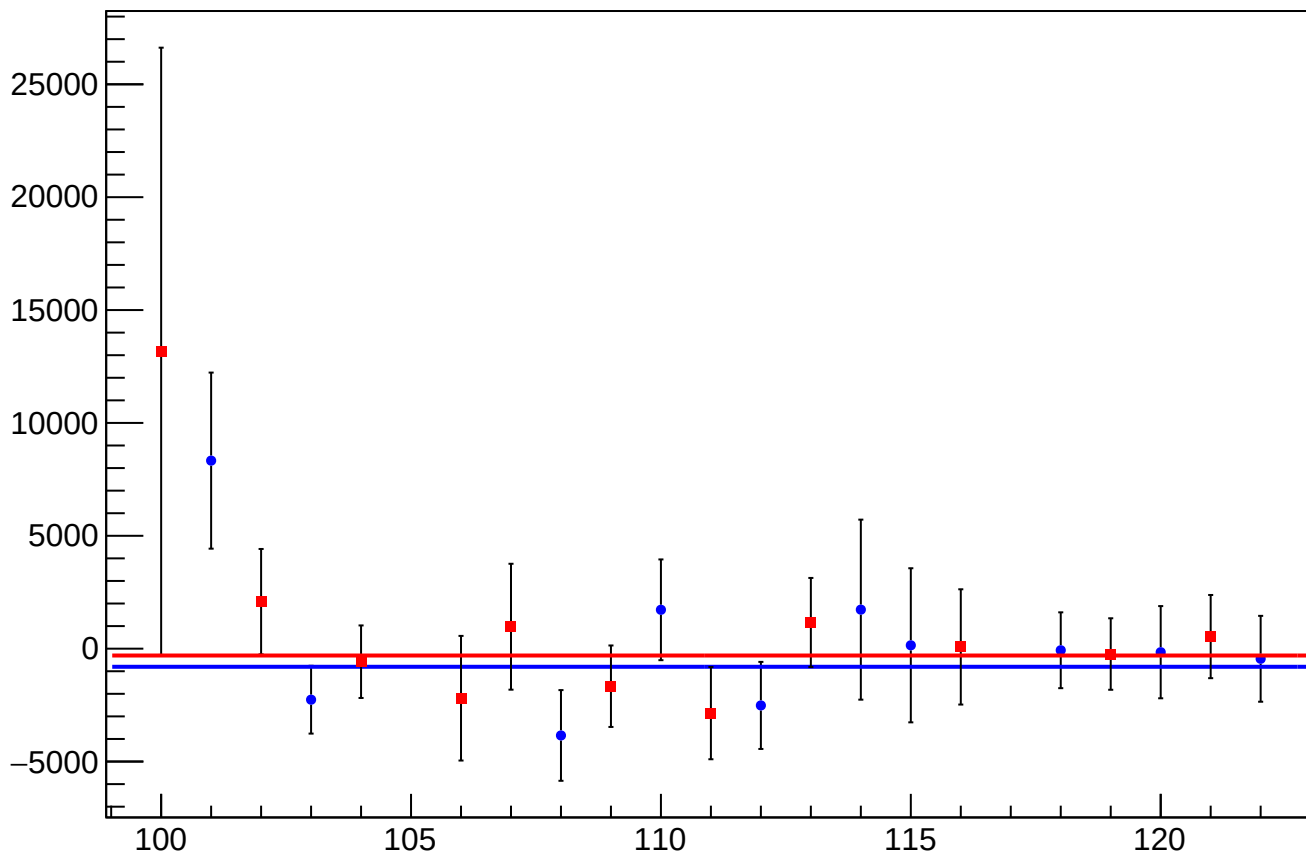
Right: 2876.766+/-0.729 χ^2/NDF : 1361374.7/20

In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2876.766+/-0.729 χ^2/NDF : 1361374.7/20

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: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

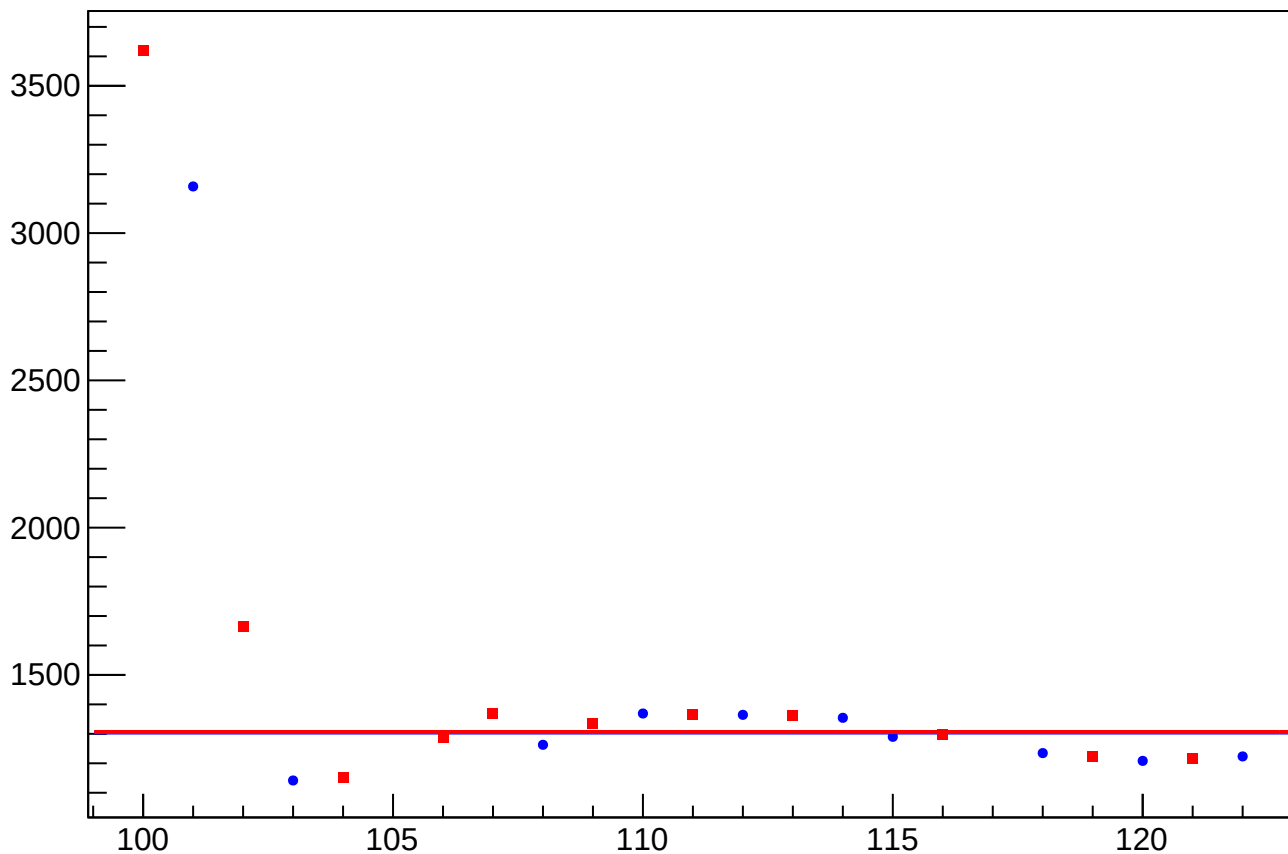
Right: -540.136+/-459.699 χ^2/NDF : 17.5/20

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -540.136+/-459.699 χ^2/NDF : 17.5/20

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: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

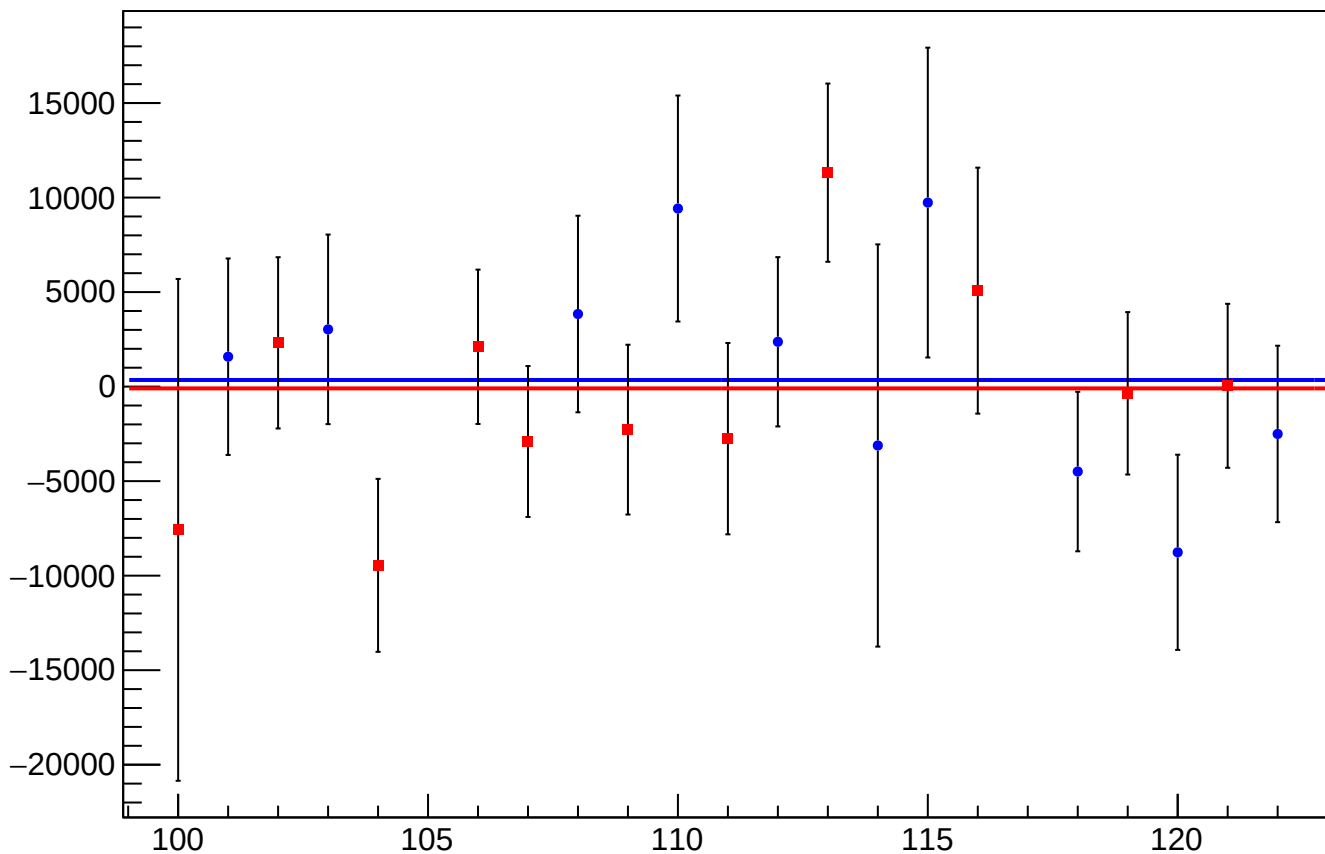
Right: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

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: -93.877+/-1429.204 χ^2/NDF : 12.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

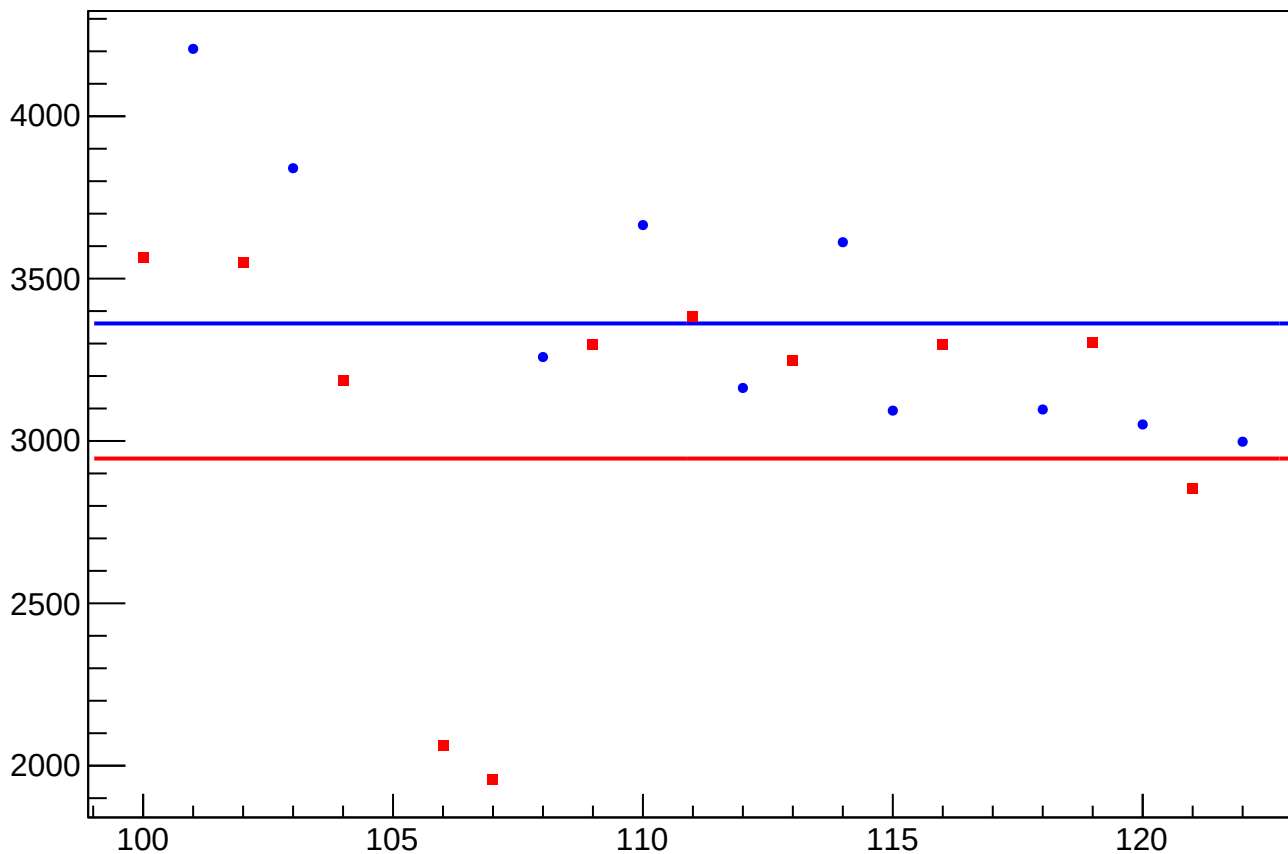
Right: 92.958+/-1088.132 χ^2/NDF : 22.1/20

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.958+/-1088.132 χ^2/NDF : 22.1/20

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: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

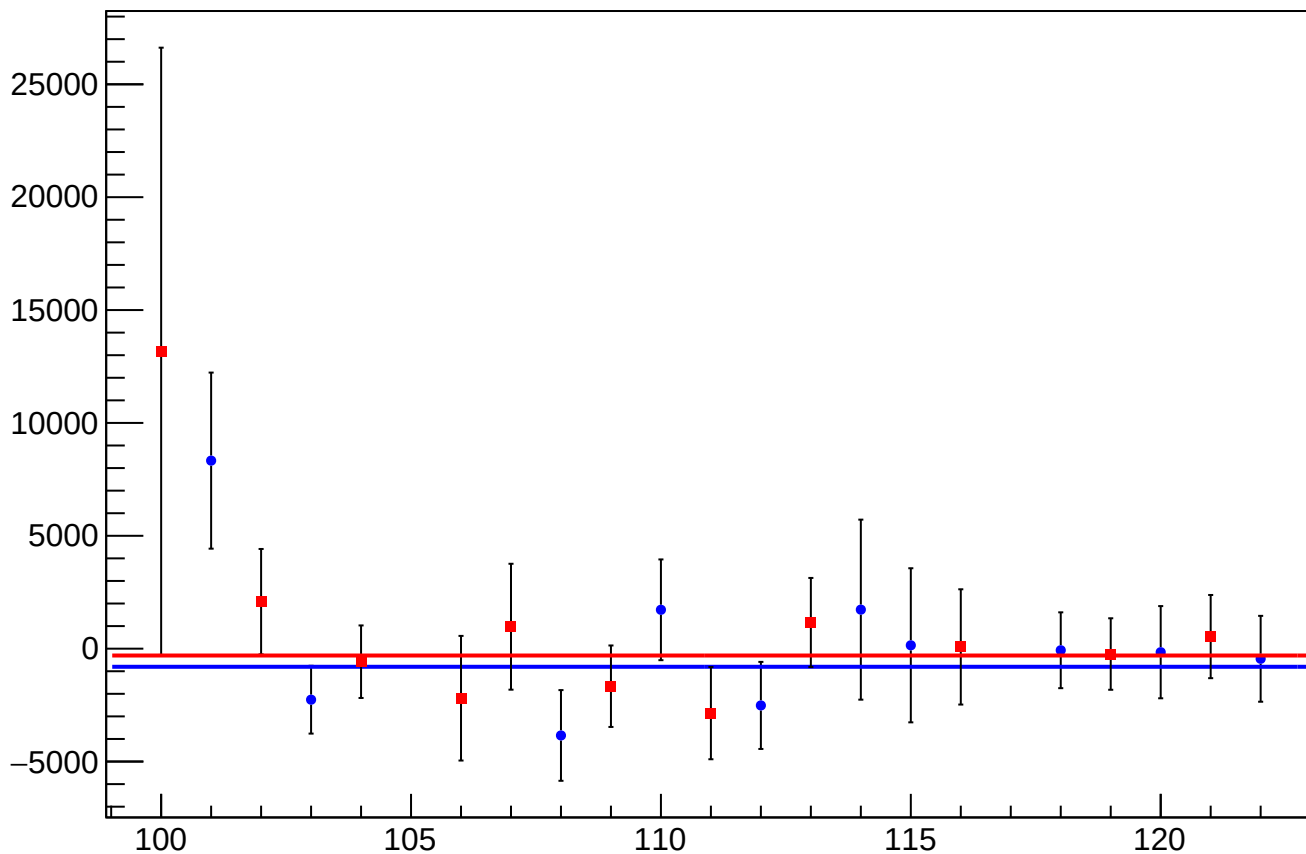
Right: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

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: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

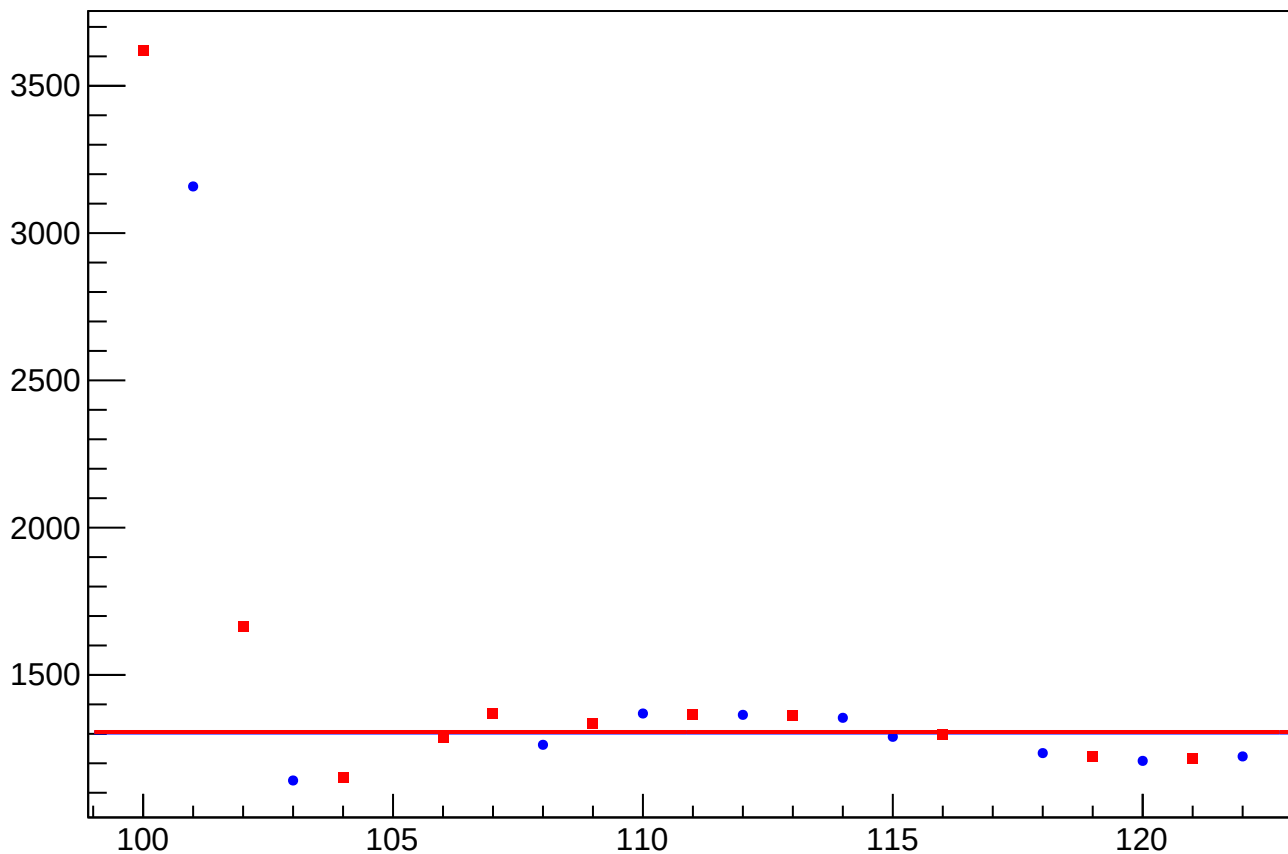
Right: -540.136+/-459.699 χ^2/NDF : 17.5/20

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -540.136+/-459.699 χ^2/NDF : 17.5/20

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: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

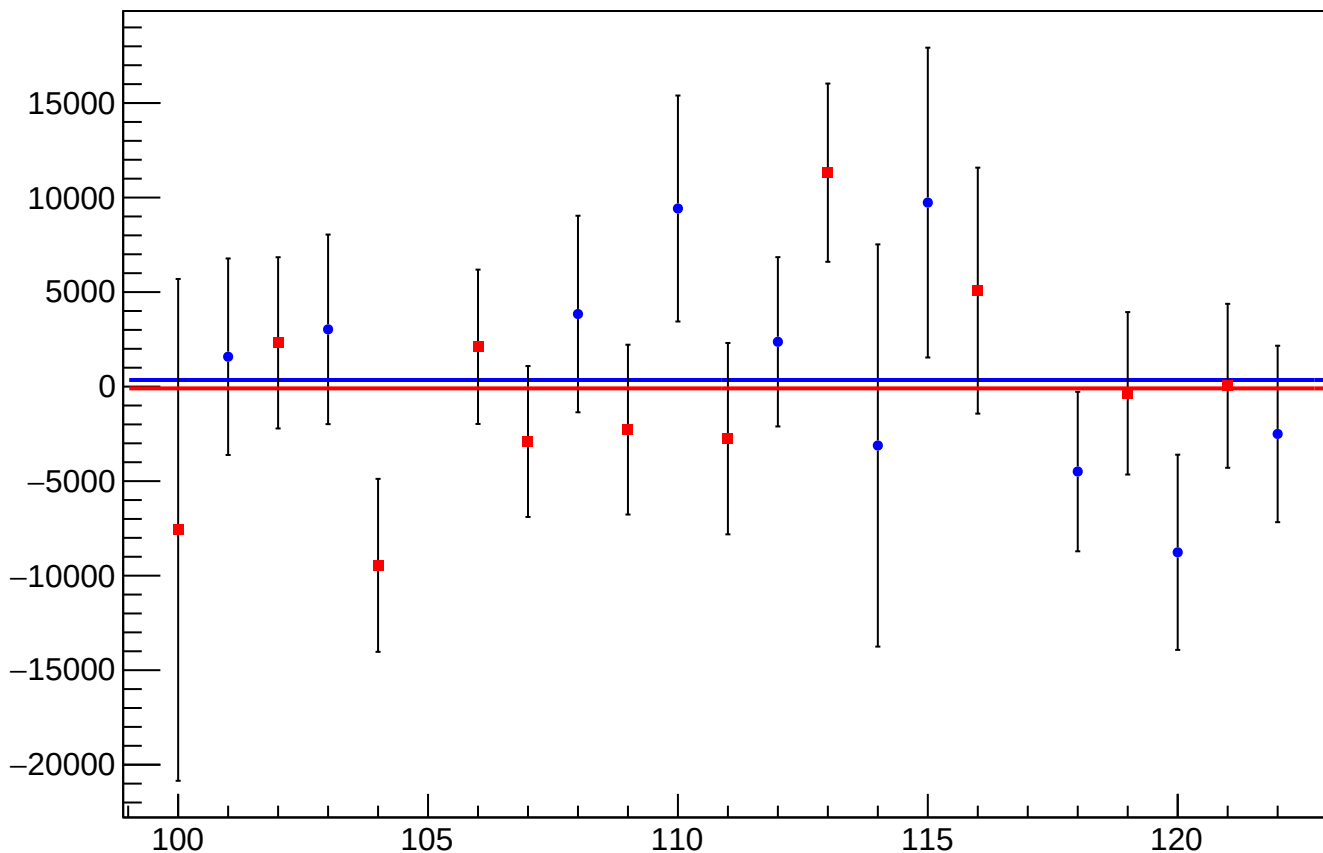
Right: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

asym_atl_dd_atr_dd_avg_eigen_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: -93.877 $\pm$ 1429.204 χ^2 /NDF: 12.6/10

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

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

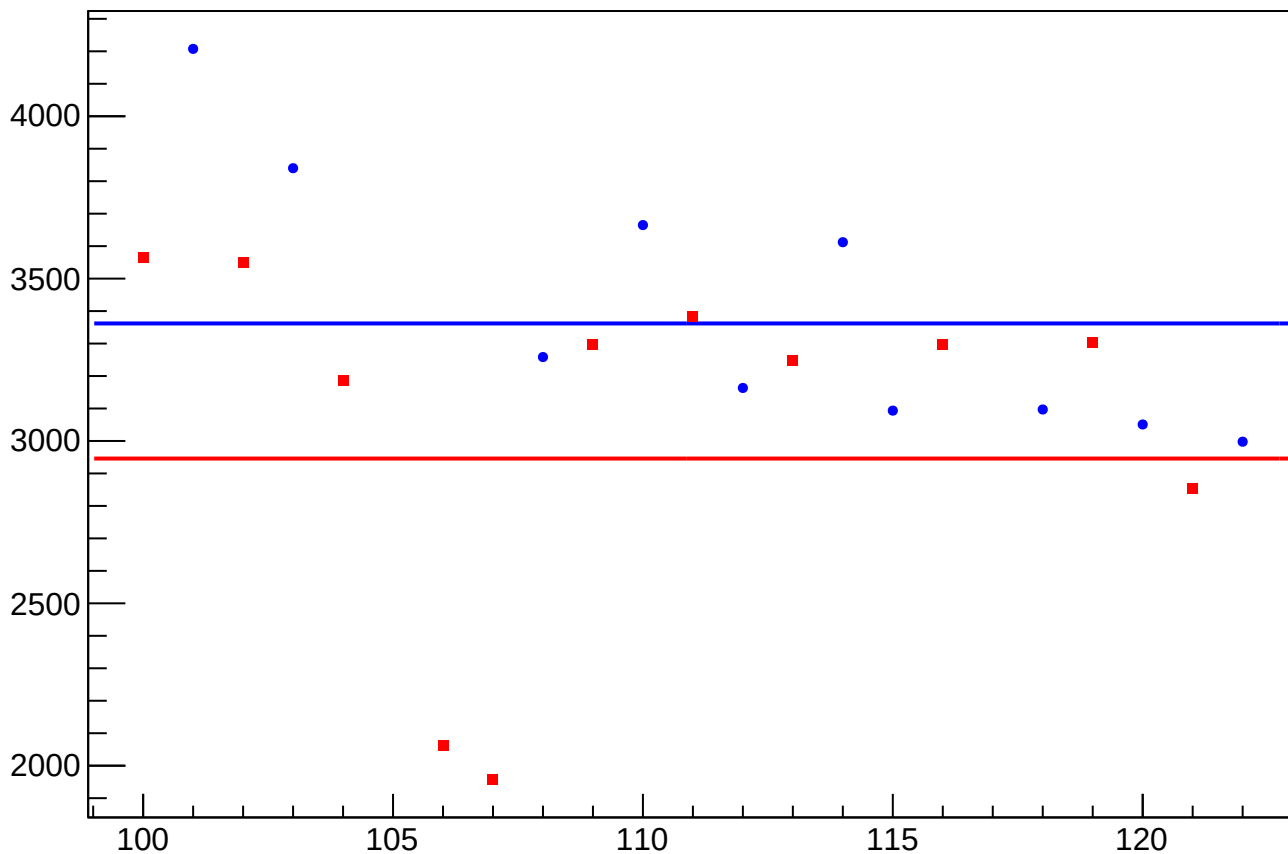
Right: 92.958 $\pm$ 1088.132 χ^2 /NDF: 22.1/20

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: 92.958 $\pm$ 1088.132 χ^2 /NDF: 22.1/20

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: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

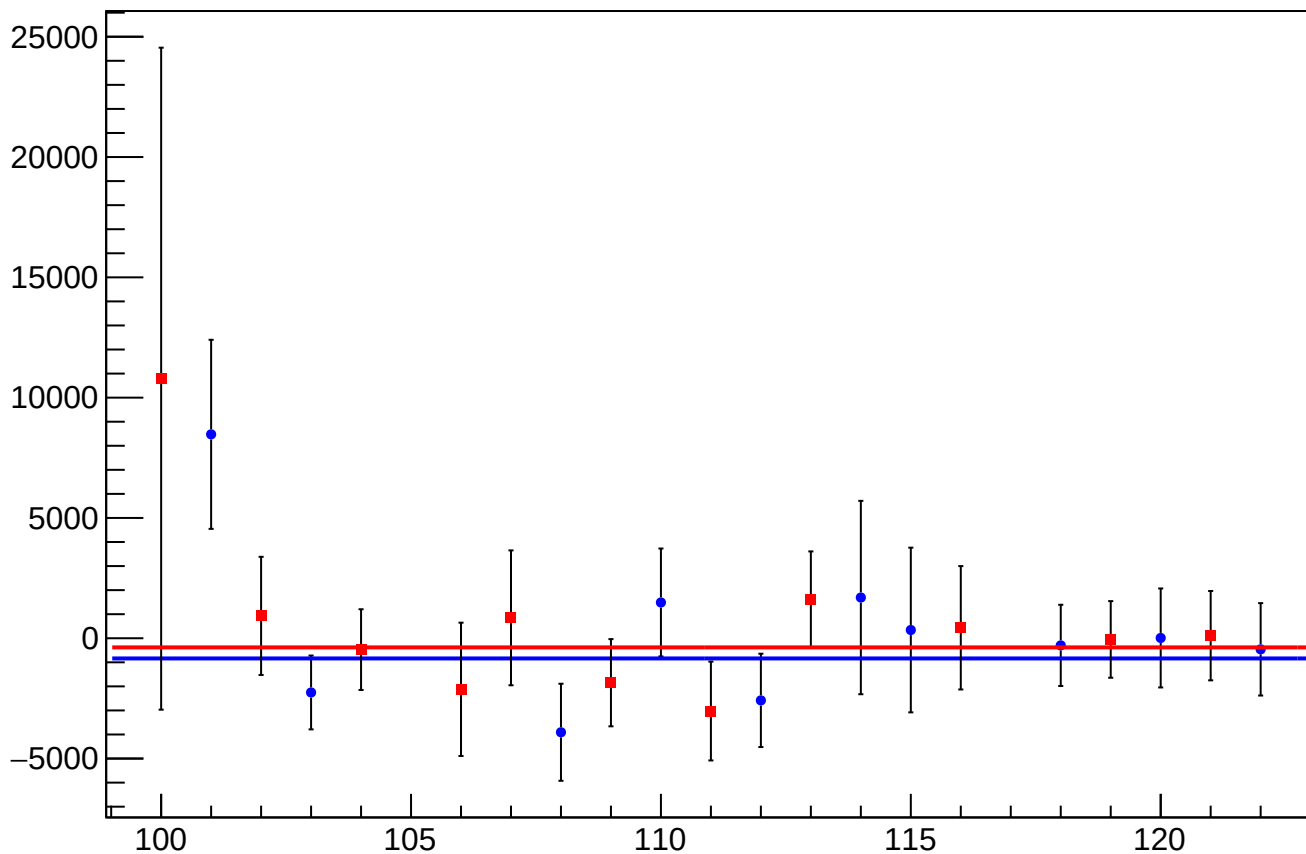
Right: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

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: -379.809+/-643.489 χ^2 /NDF: 5.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

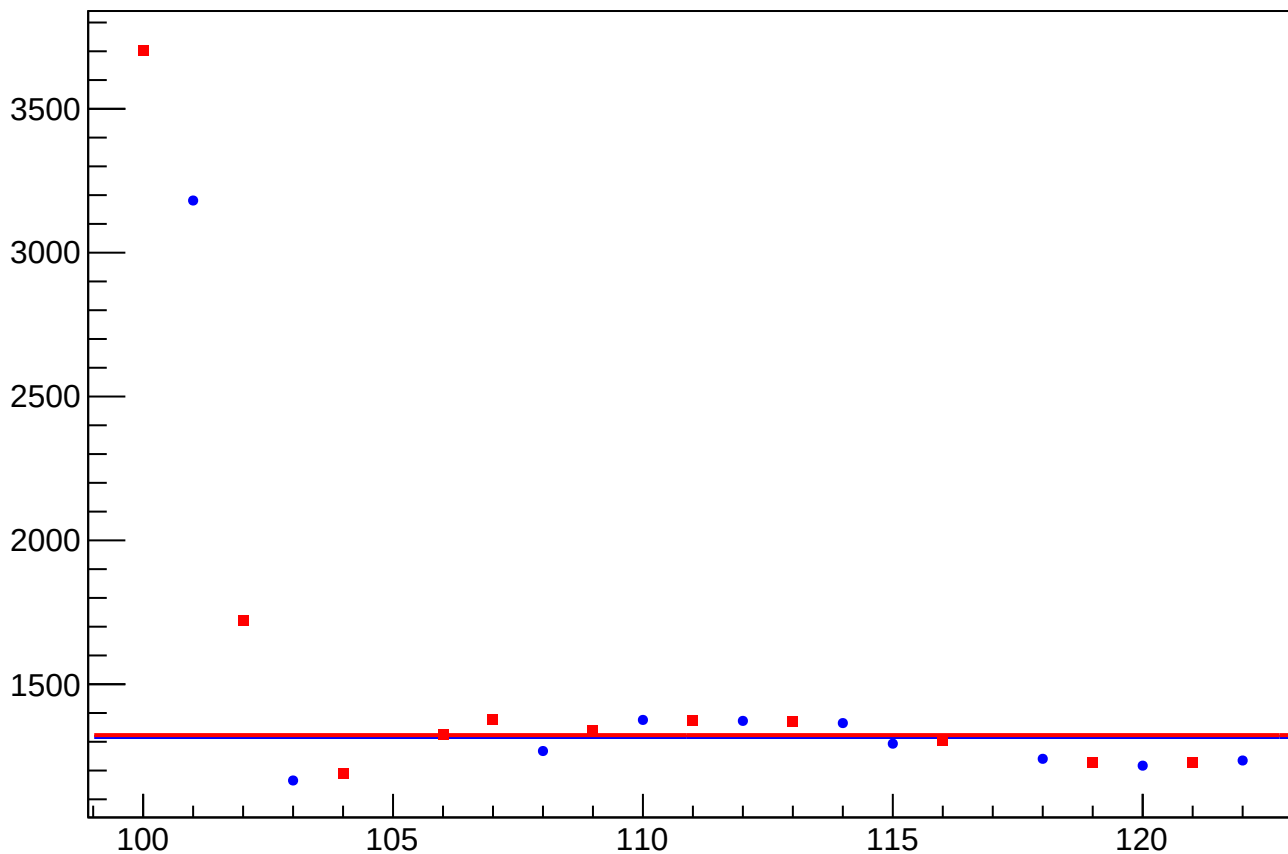
Right: -599.125+/-465.195 χ^2 /NDF: 16.8/20

In: -839.228+/-673.294 χ^2 /NDF:11.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -599.125+/-465.195 χ^2 /NDF: 16.8/20

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: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

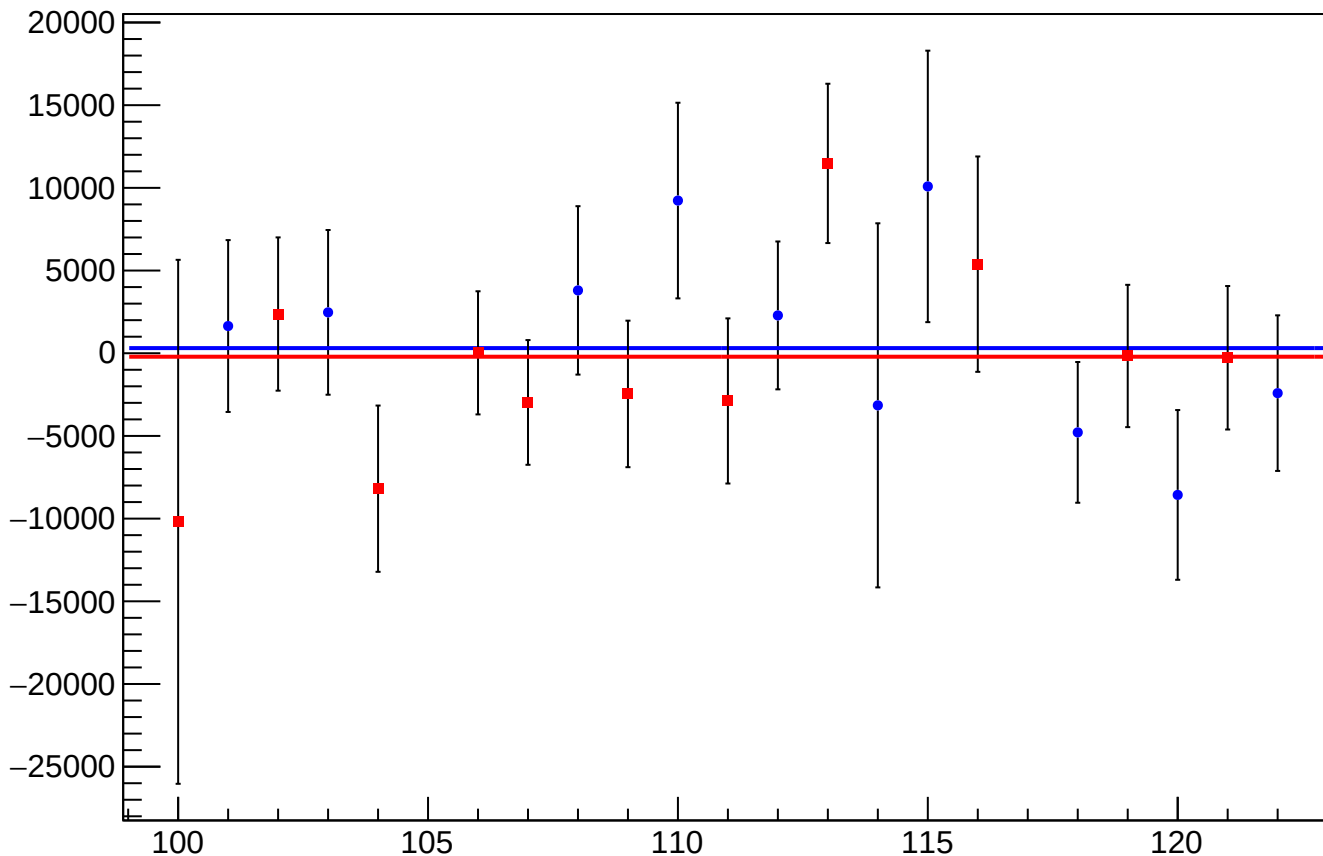
Right: 1320.020+/-0.329 χ^2/NDF : 627678.2/20

In: 1316.587+/-0.476 χ^2/NDF : 486821.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.020+/-0.329 χ^2/NDF : 627678.2/20

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: -210.111+/-1417.731 χ^2/NDF : 10.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

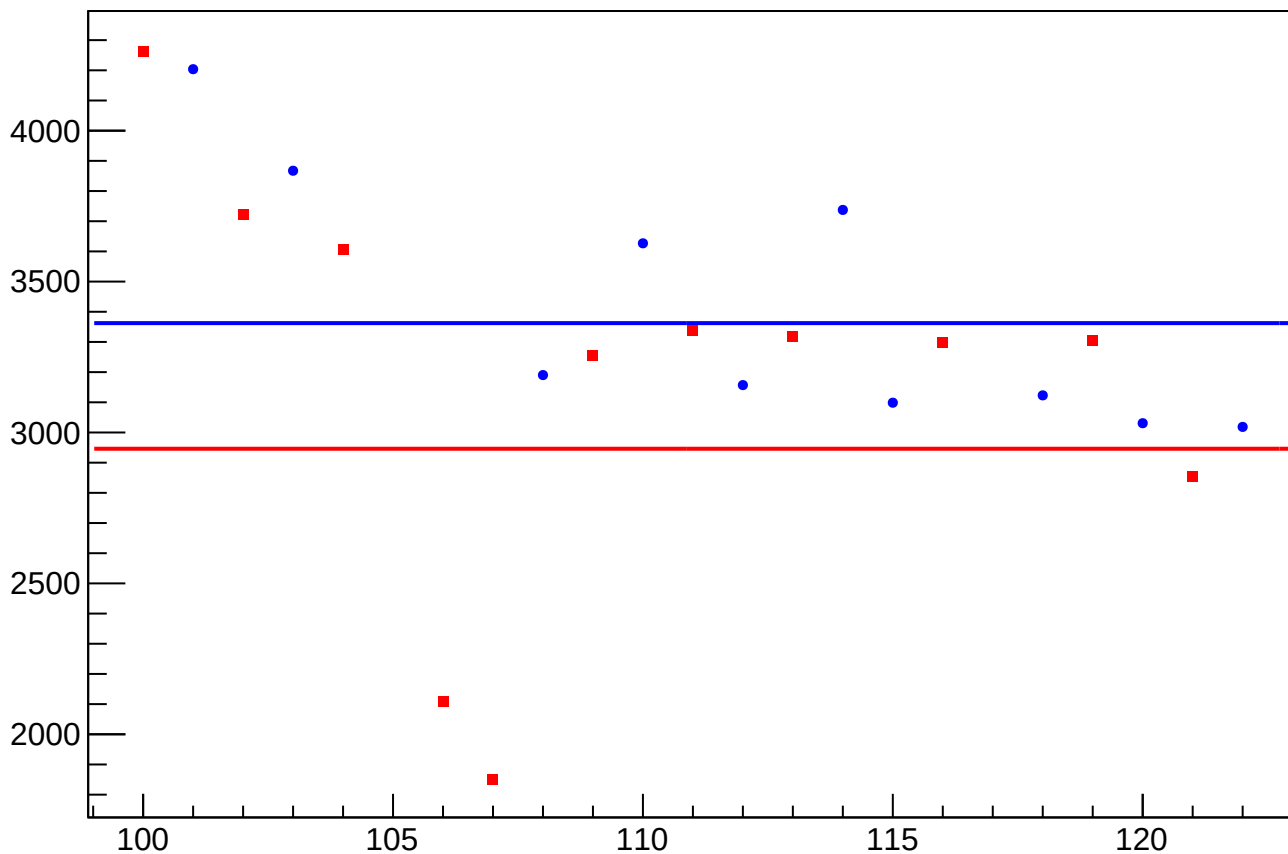
Right: 7.164+/-1082.406 χ^2/NDF : 20.5/20

In: 310.805+/-1675.980 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.164+/-1082.406 χ^2/NDF : 20.5/20

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: 2946.176+/-1.002 χ^2/NDF : 429902.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

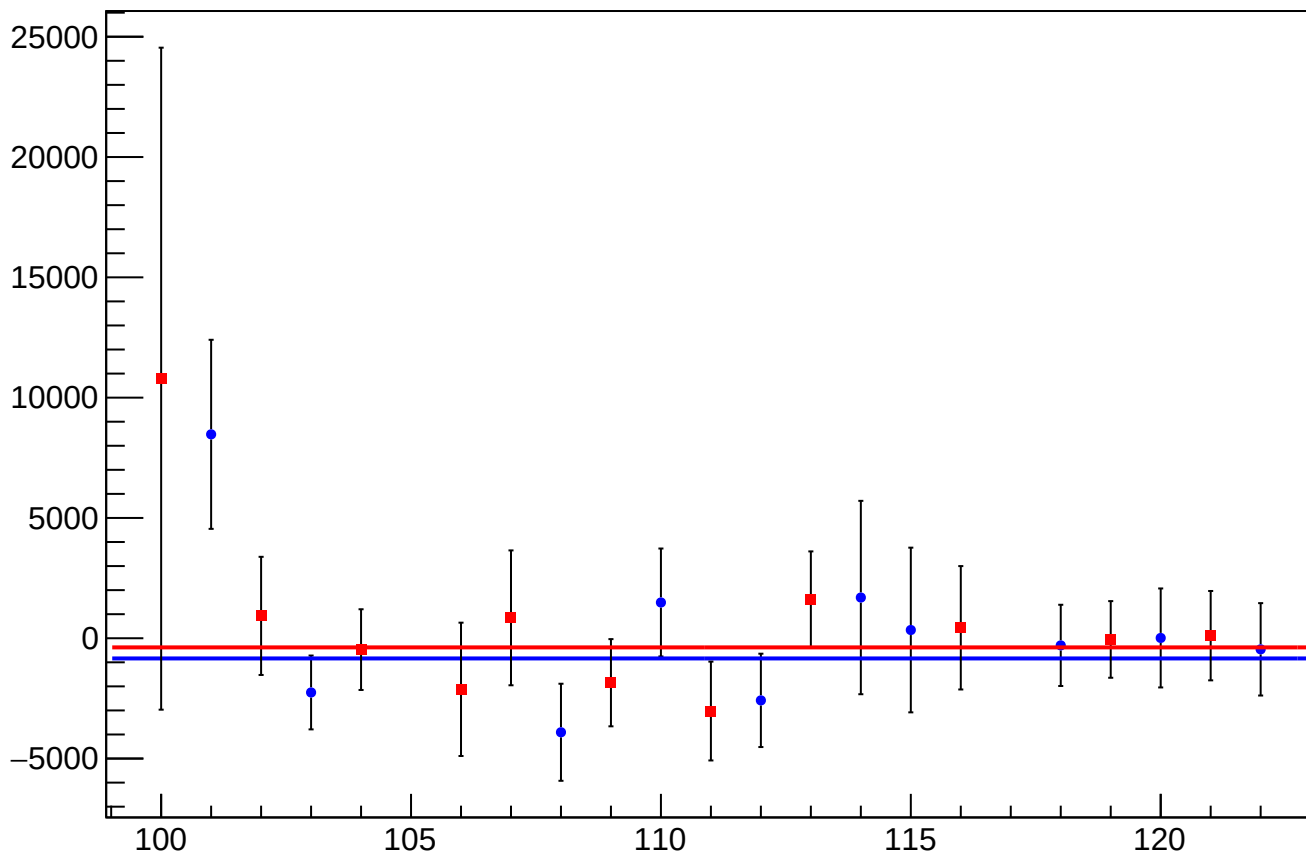
Right: 3119.774+/-0.765 χ^2/NDF : 615049.8/20

In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.774+/-0.765 χ^2/NDF : 615049.8/20

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: -379.818+/-643.489 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

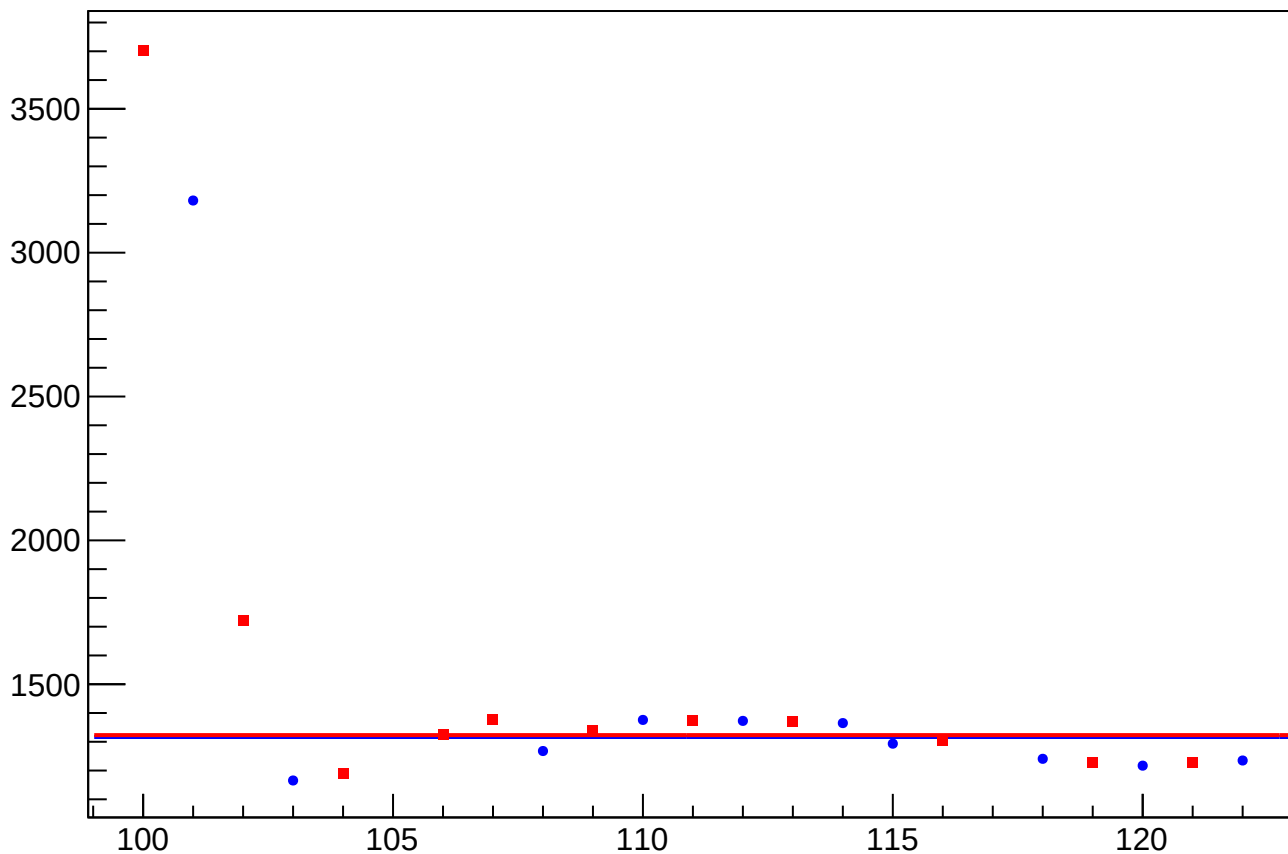
Right: -599.128+/-465.195 χ^2/NDF : 16.8/20

In: -839.225+/-673.294 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -599.128+/-465.195 χ^2/NDF : 16.8/20

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: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

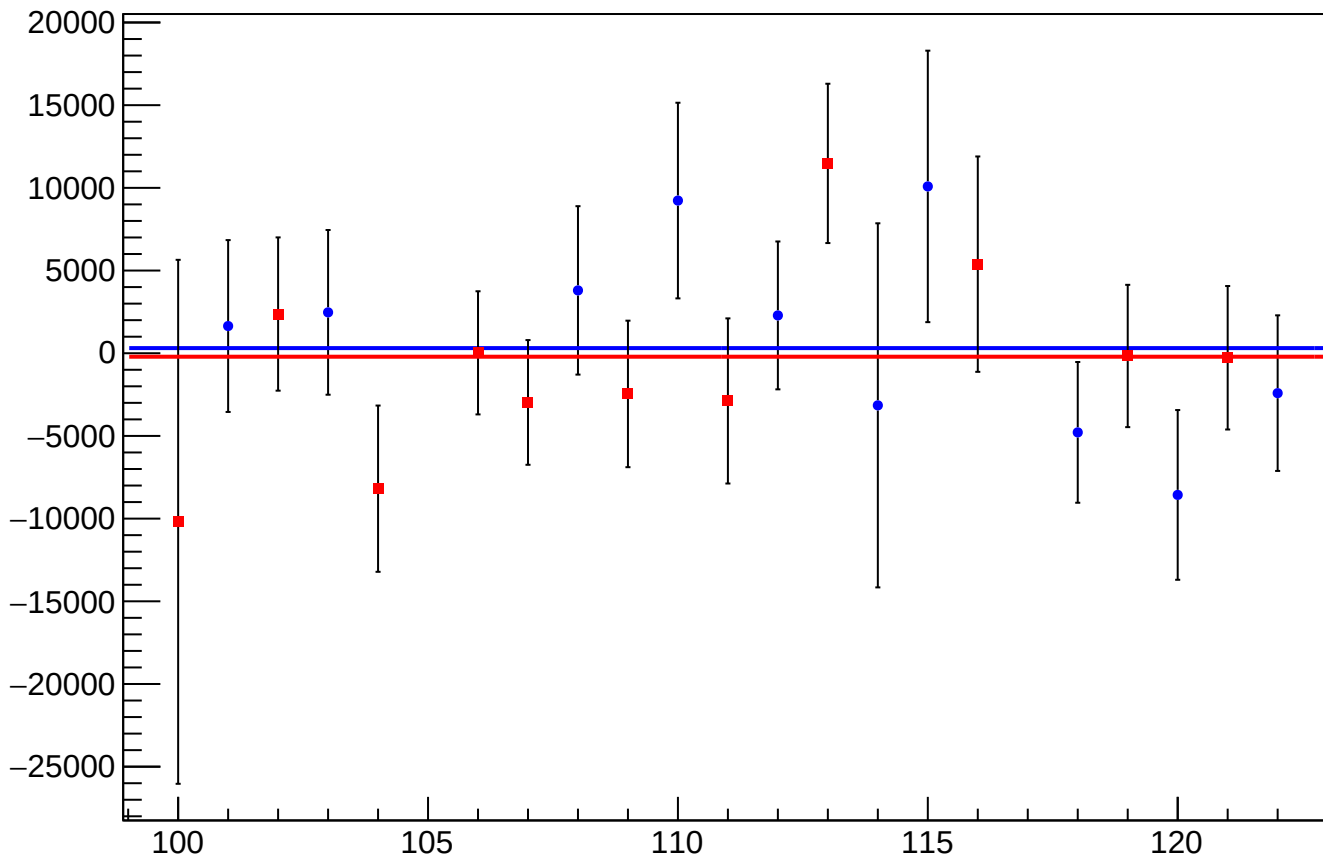
Right: 1320.020+/-0.329 χ^2/NDF : 627678.3/20

In: 1316.587+/-0.476 χ^2/NDF : 486821.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.020+/-0.329 χ^2/NDF : 627678.3/20

asym_atl_dd_atr_dd_avg_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: -210.114+/-1417.728 χ^2/NDF : 10.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

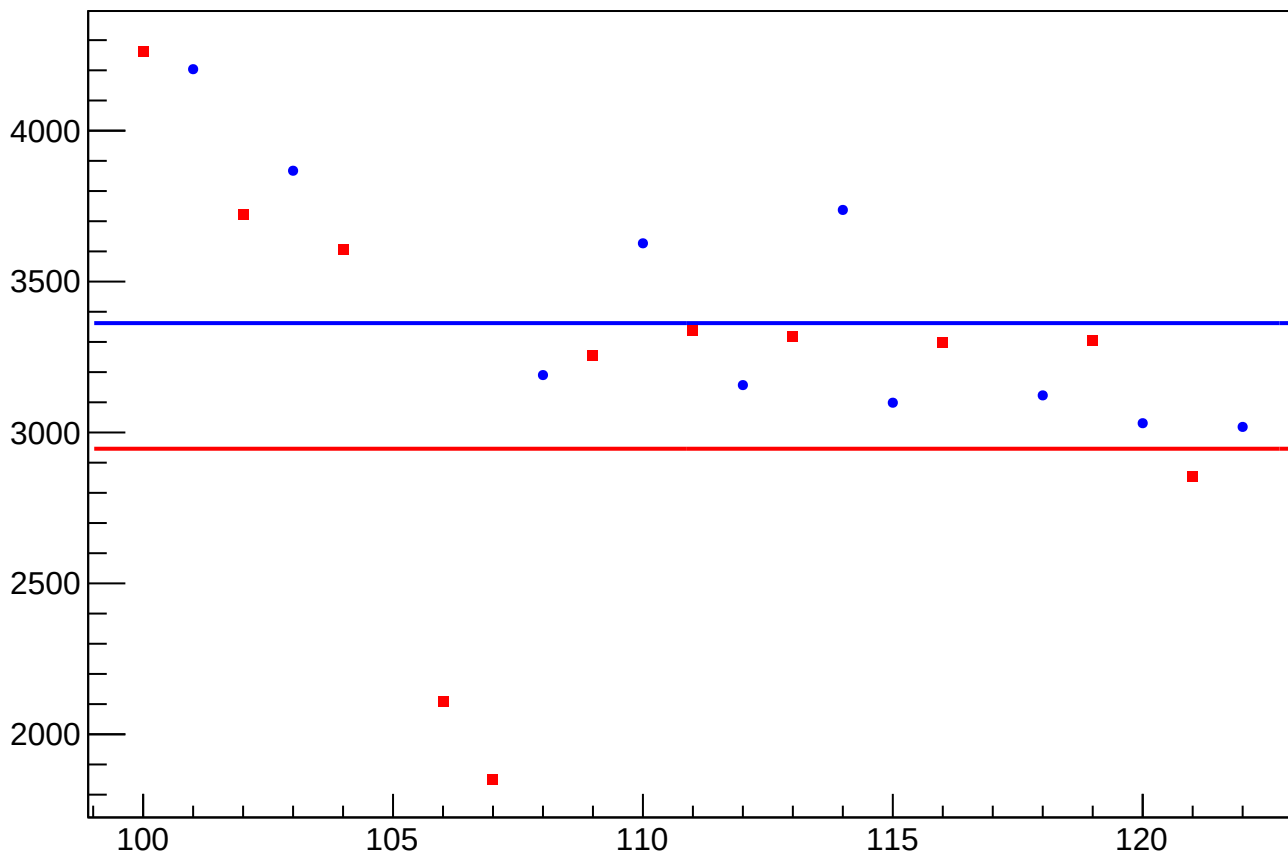
Right: 7.159+/-1082.403 χ^2/NDF : 20.5/20

In: 310.796+/-1675.975 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.159+/-1082.403 χ^2/NDF : 20.5/20

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: 2946.169+/-1.002 χ^2/NDF : 429904.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

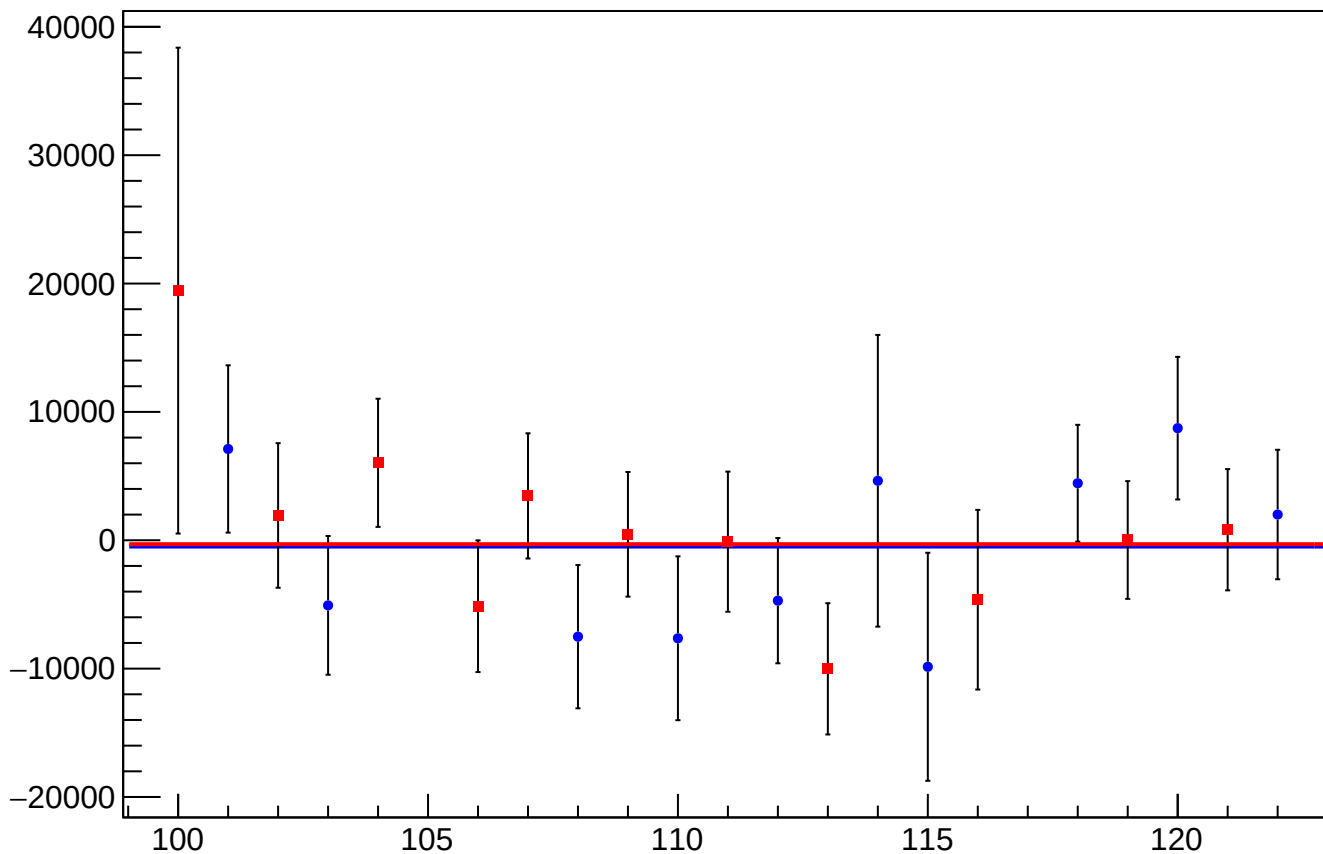
Right: 3119.765+/-0.765 χ^2/NDF : 615053.9/20

In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.765+/-0.765 χ^2/NDF : 615053.9/20

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: -304.655+/-1619.062 χ^2/NDF : 8.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

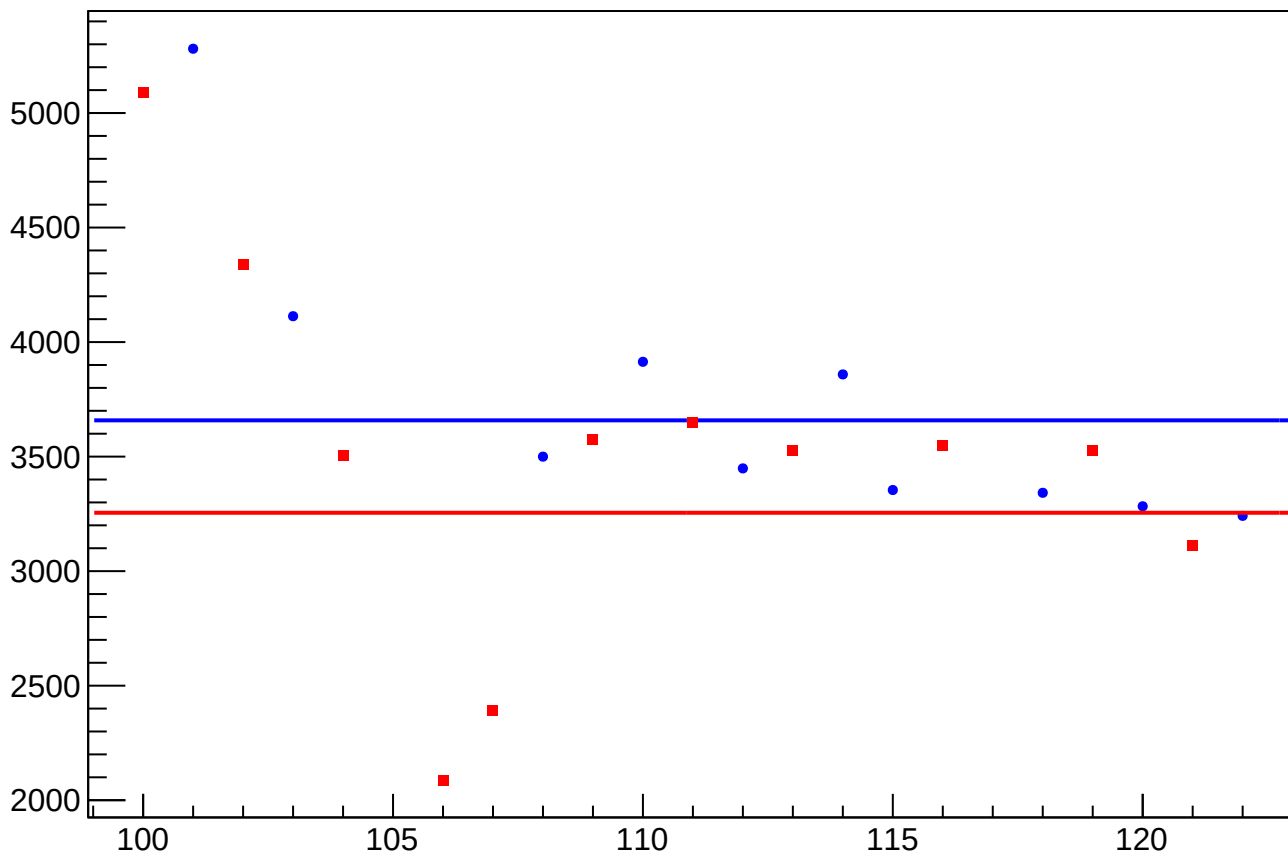
Right: -385.180+/-1214.155 χ^2/NDF : 19.6/20

In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -385.180+/-1214.155 χ^2/NDF : 19.6/20

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: 3254.864+/-1.122 χ^2/NDF : 343171.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

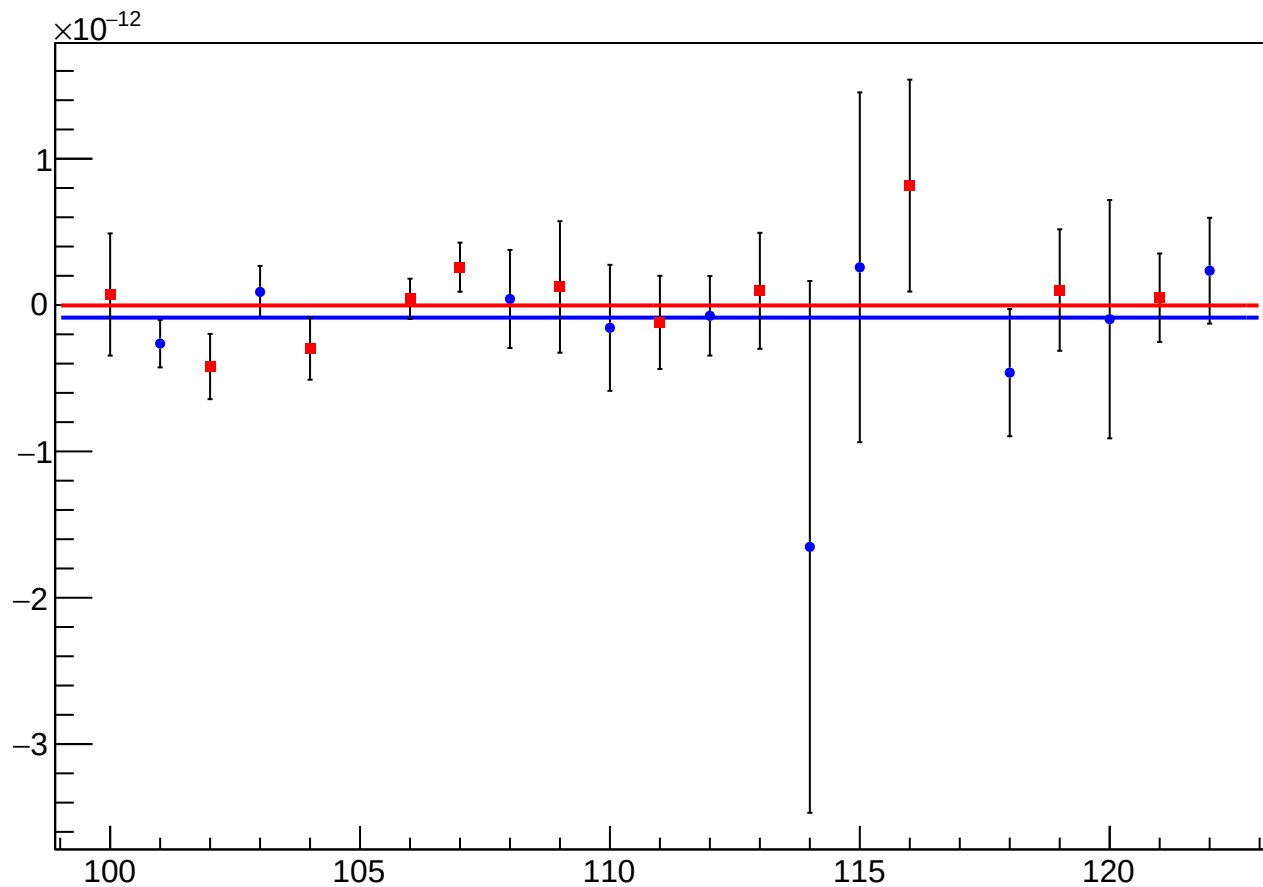
Right: 3427.466+/-0.849 χ^2/NDF : 580476.0/20

In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3427.466+/-0.849 χ^2/NDF : 580476.0/20

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 : 9.7/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

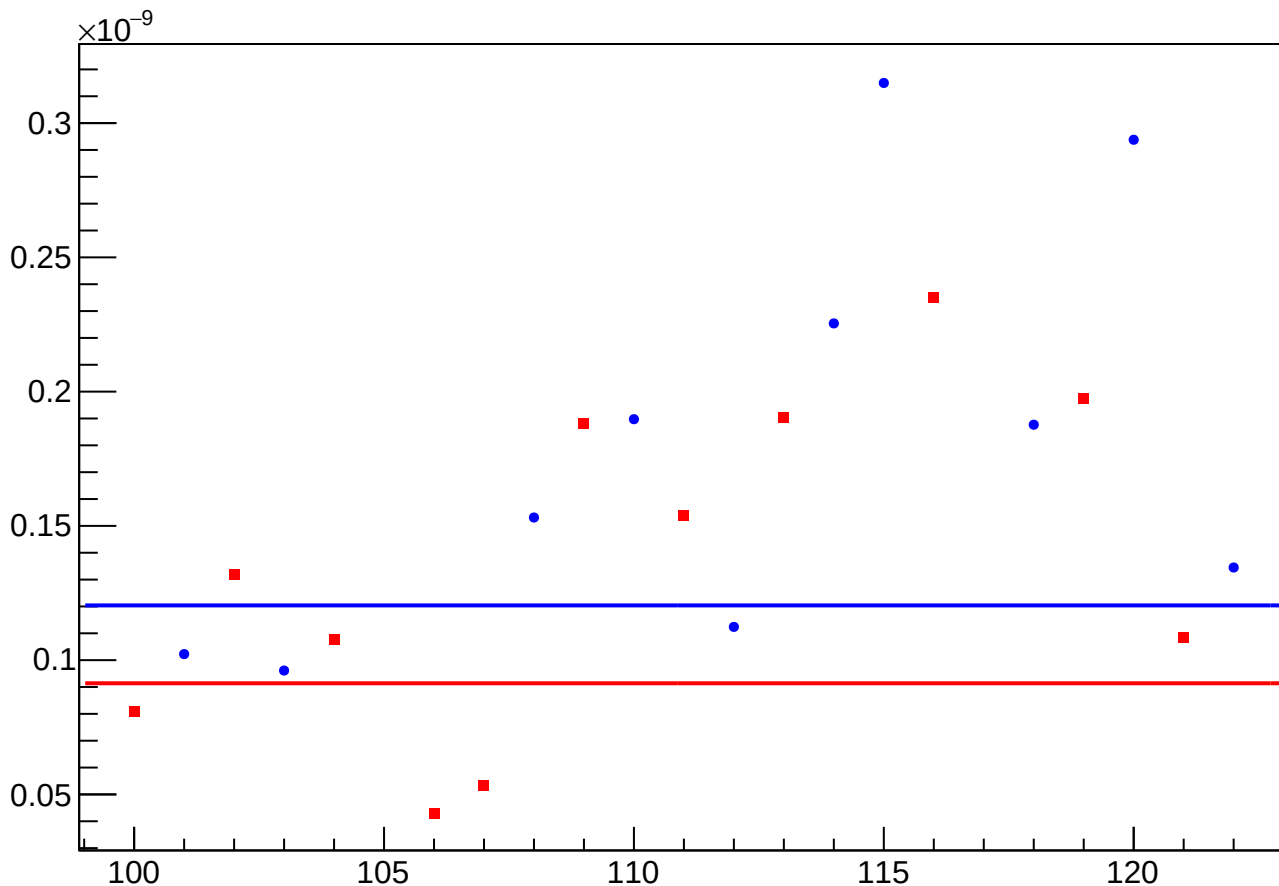
Right: -0.000 ± 0.000 χ^2/NDF : 14.8/20

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 : 14.8/20

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 : 941096.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

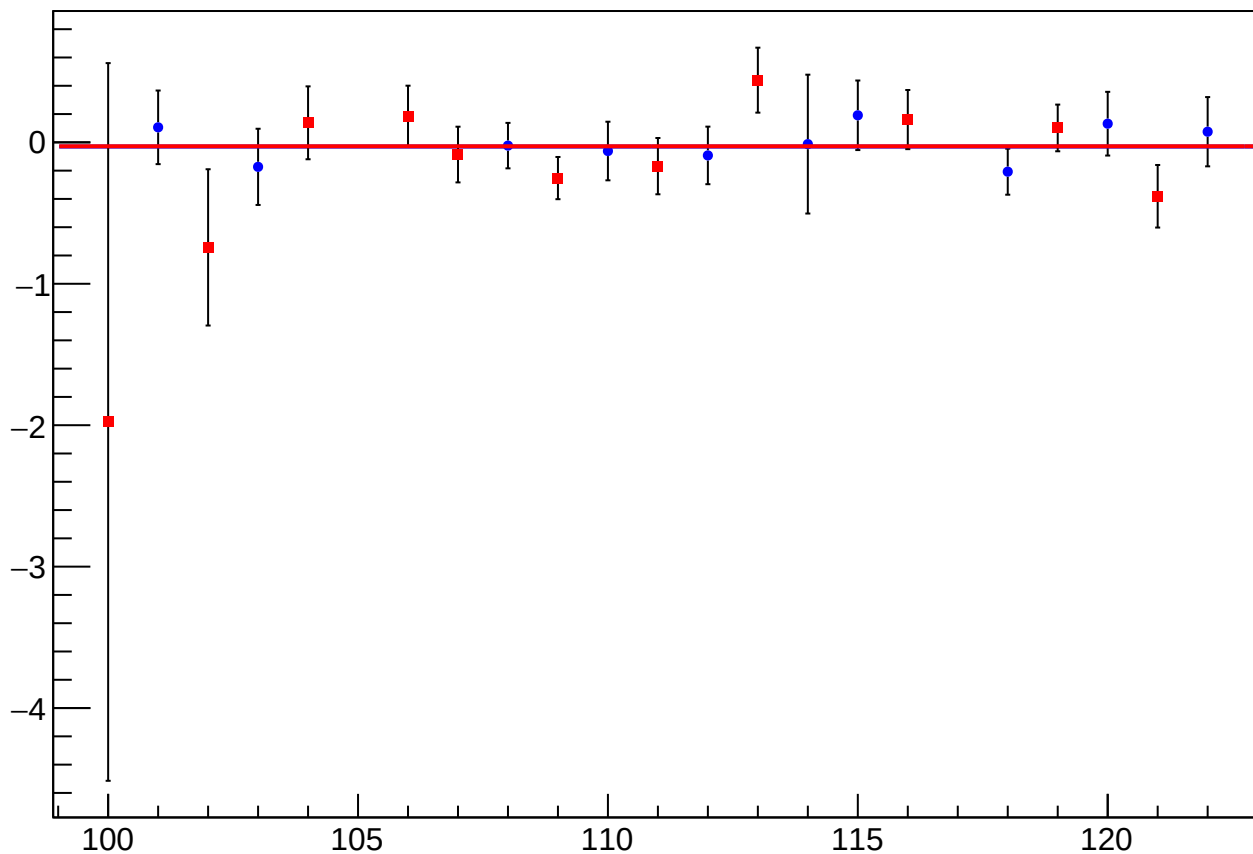
Right: 0.000+/-0.000 χ^2/NDF : 1392899.9/20

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 : 1392899.9/20

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 $\pm$ 0.069 χ^2 /NDF: 3.4/9

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

Right Out: -0.028 $\pm$ 0.065 χ^2 /NDF: 14.6/10

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

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

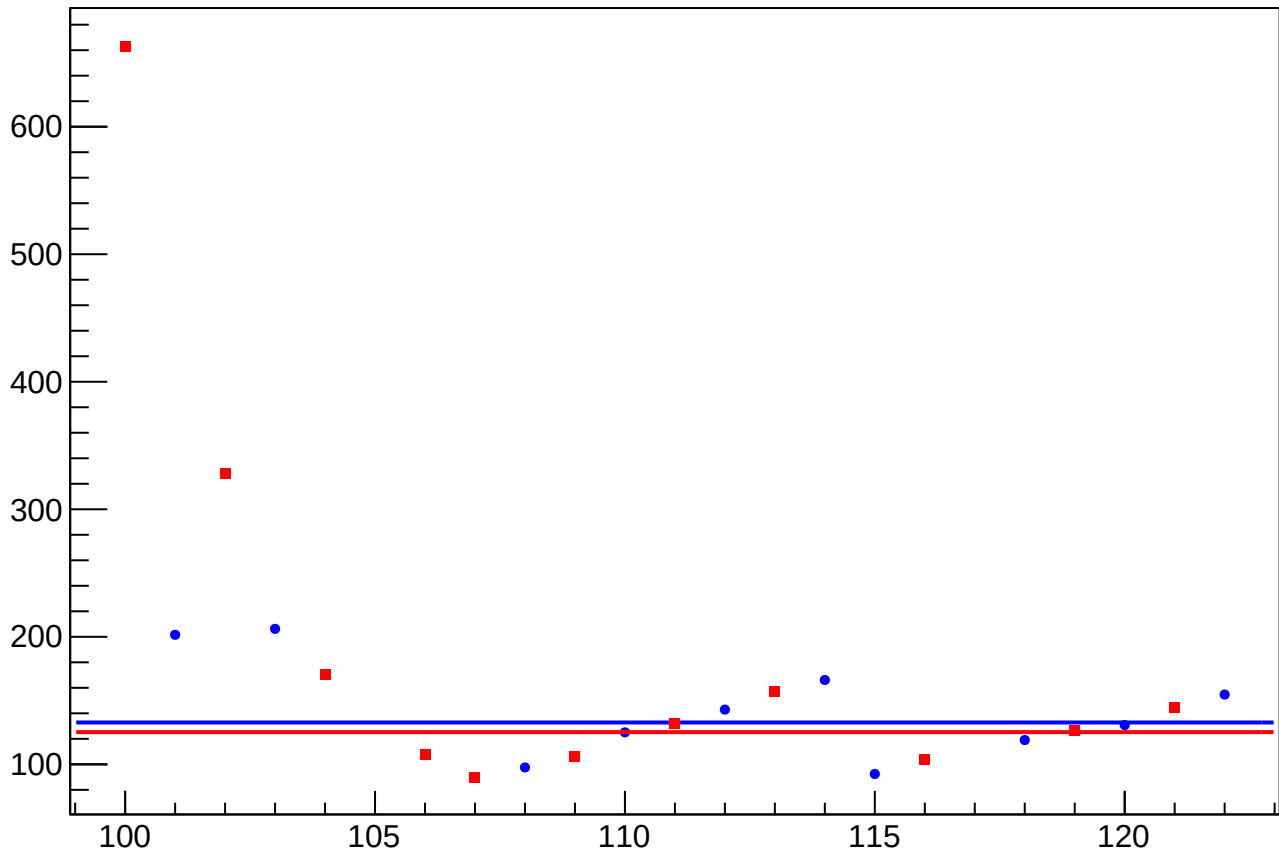
Right: -0.029 $\pm$ 0.047 χ^2 /NDF: 18.0/20

In: -0.030 $\pm$ 0.069 χ^2 /NDF:3.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.029 $\pm$ 0.047 χ^2 /NDF: 18.0/20

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: 125.261 +/- 0.046 χ^2/NDF : 609797.3/10

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

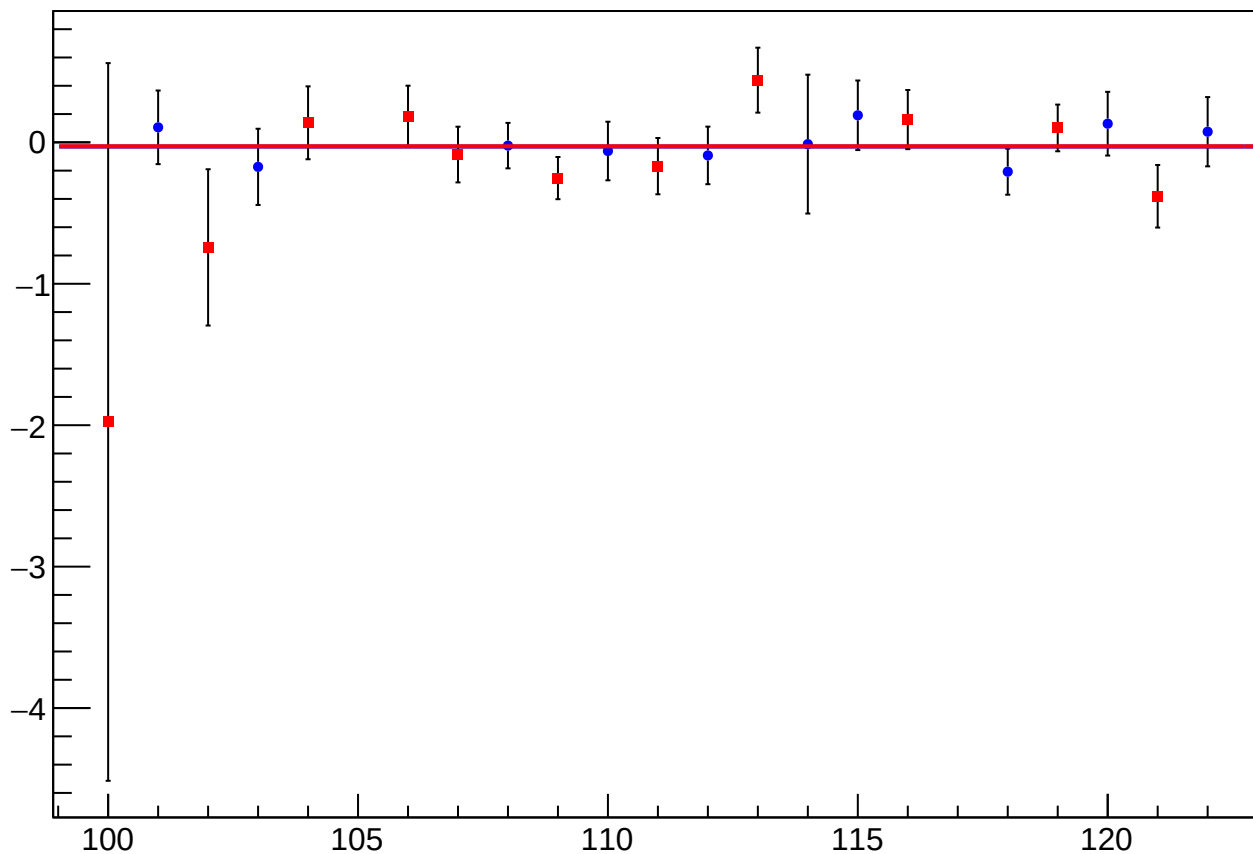
Right: 128.828 +/- 0.034 χ^2/NDF : 1108456.1/20

In: 132.828 +/- 0.049 χ^2/NDF : 485973.1/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 128.828 +/- 0.034 χ^2/NDF : 1108456.1/20

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: -0.028 ± 0.065 χ^2/NDF : 14.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

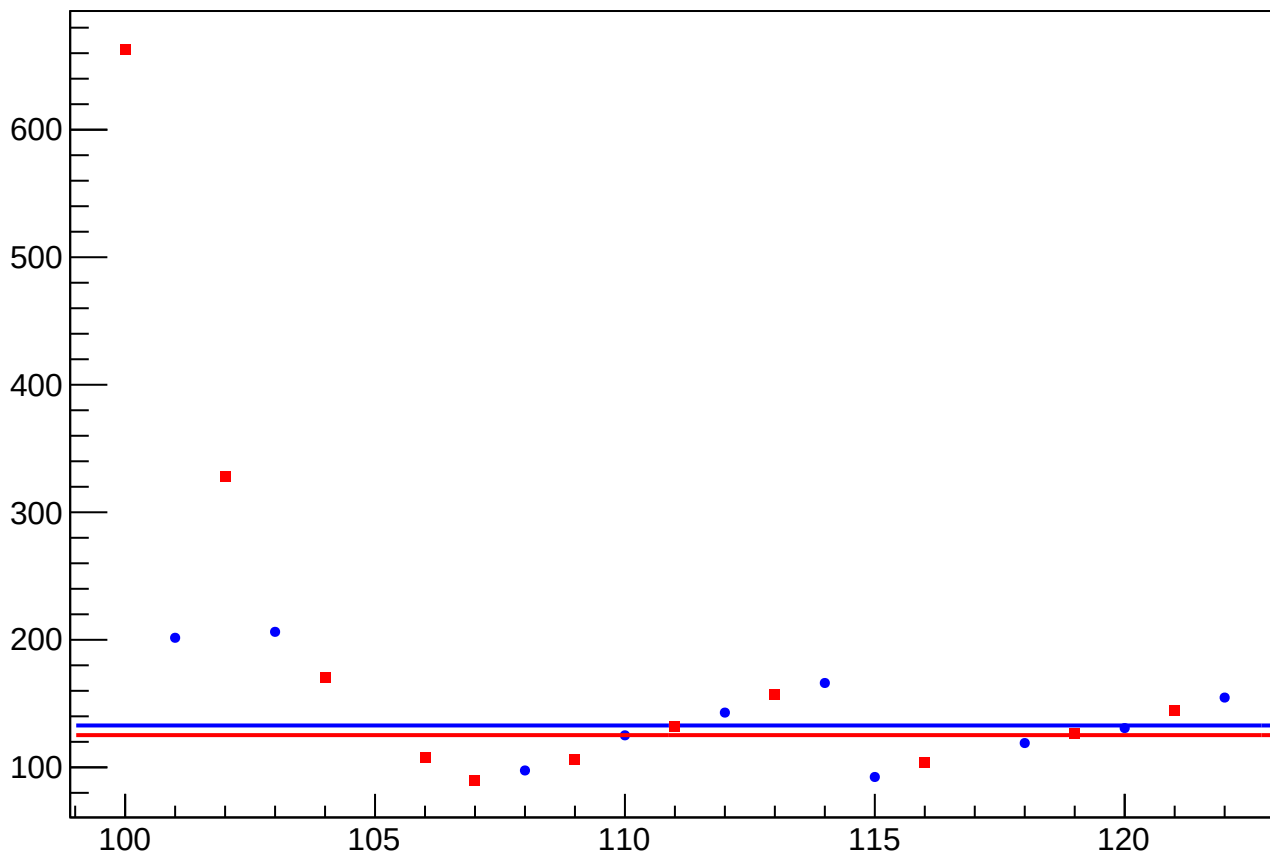
Right: -0.029 ± 0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.261+/-0.046 χ^2/NDF : 609797.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

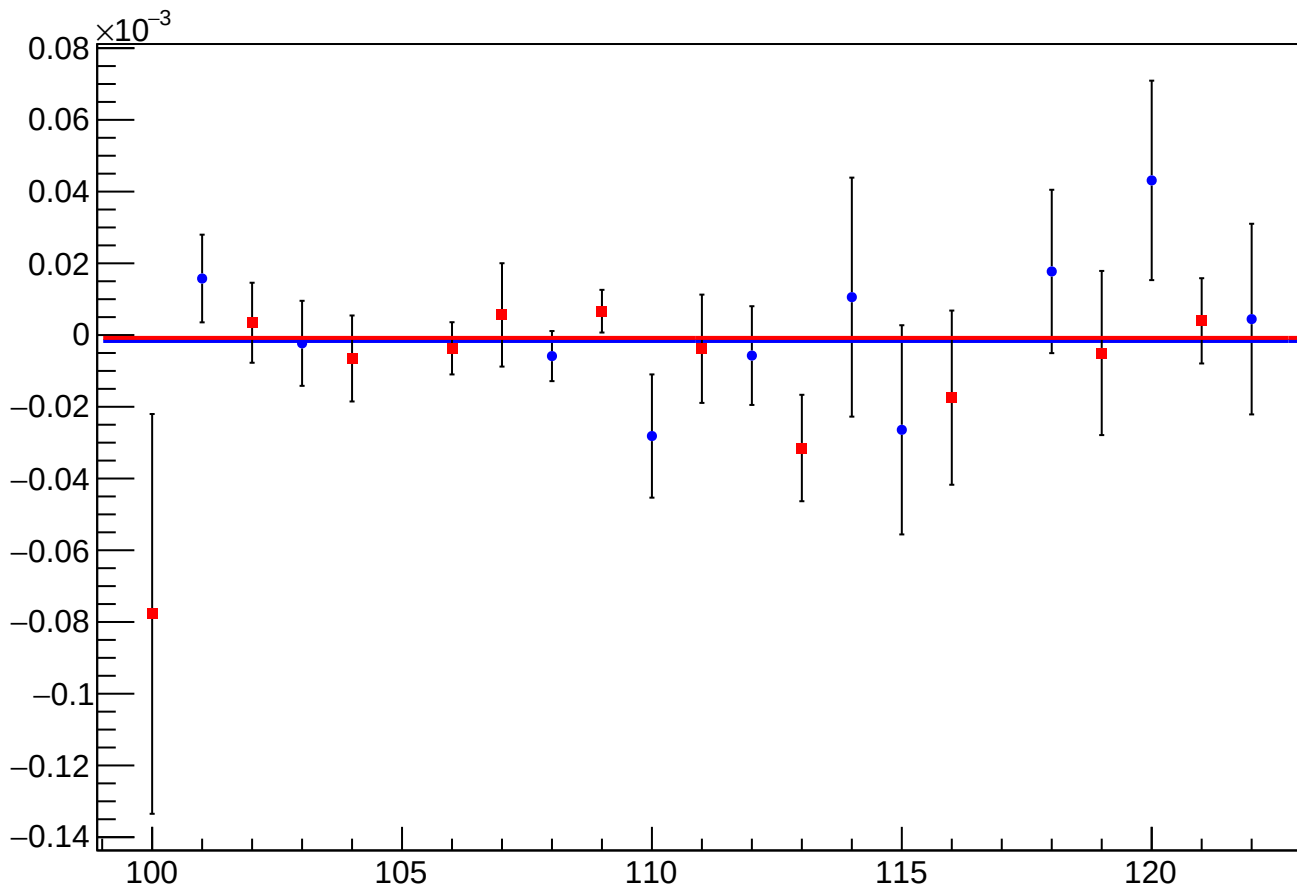
Right: 128.828+/-0.034 χ^2/NDF : 1108456.1/20

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.828+/-0.034 χ^2/NDF : 1108456.1/20

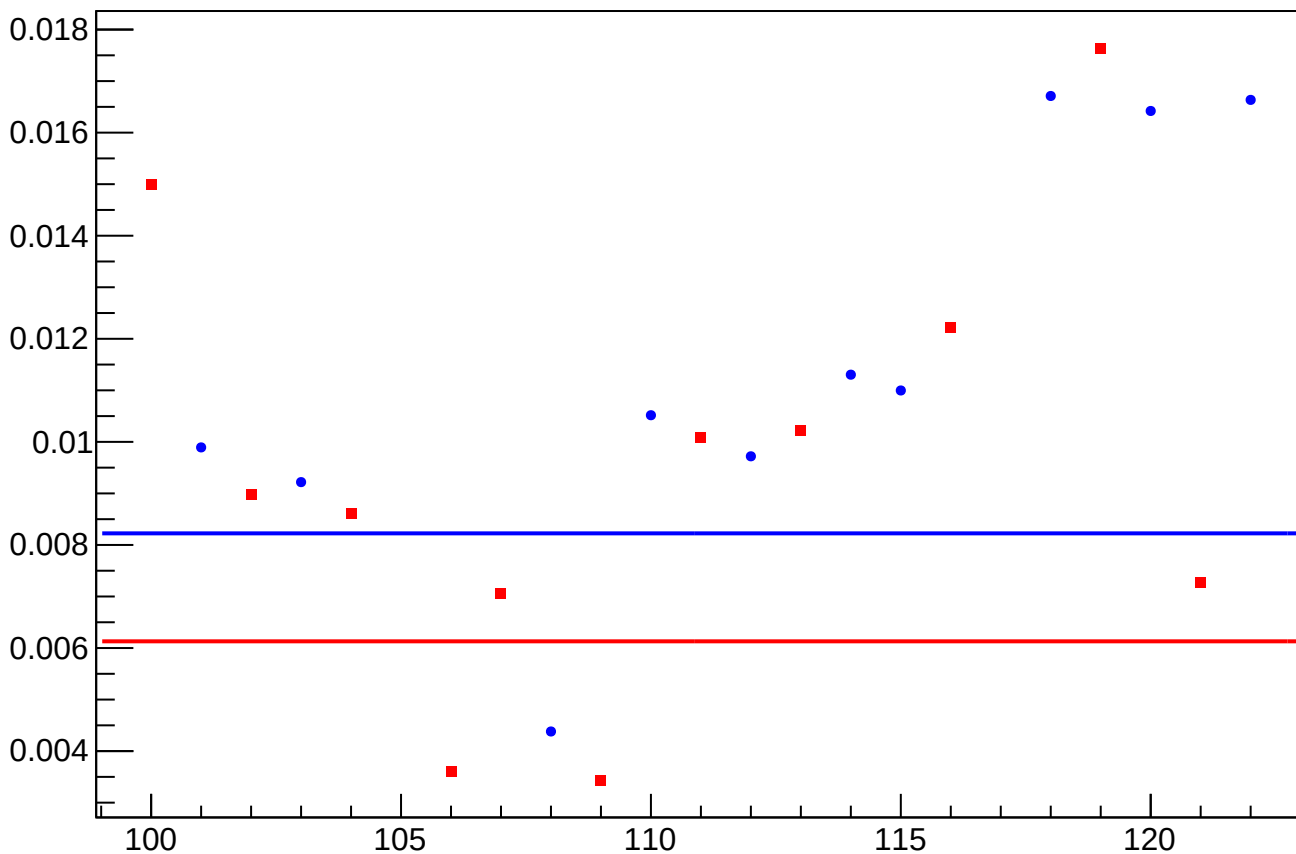
asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 9.2/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 18.3/20
 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 : 18.3/20

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 : 1865475.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

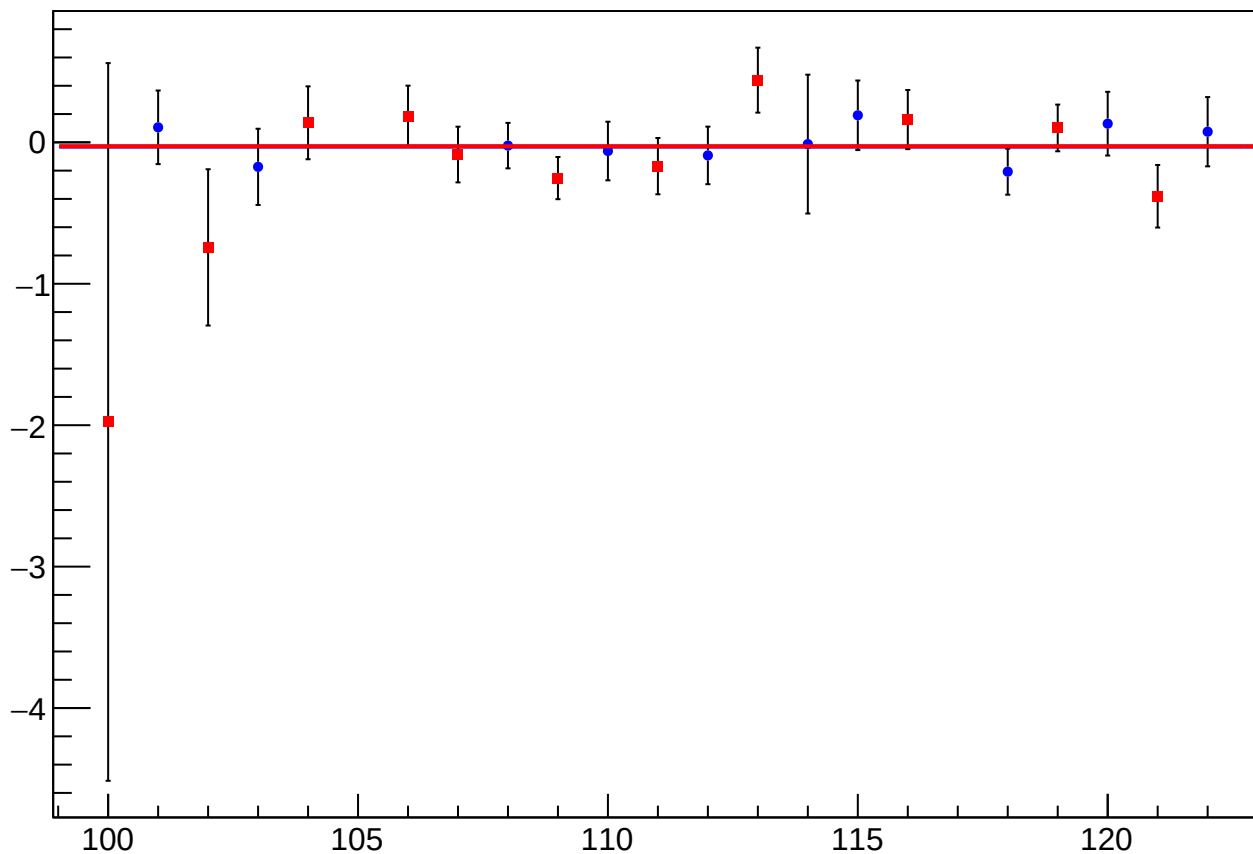
Right: 0.007+/-0.000 χ^2/NDF : 3546034.6/20

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 : 3546034.6/20

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: -0.028 ± 0.065 χ^2/NDF : 14.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

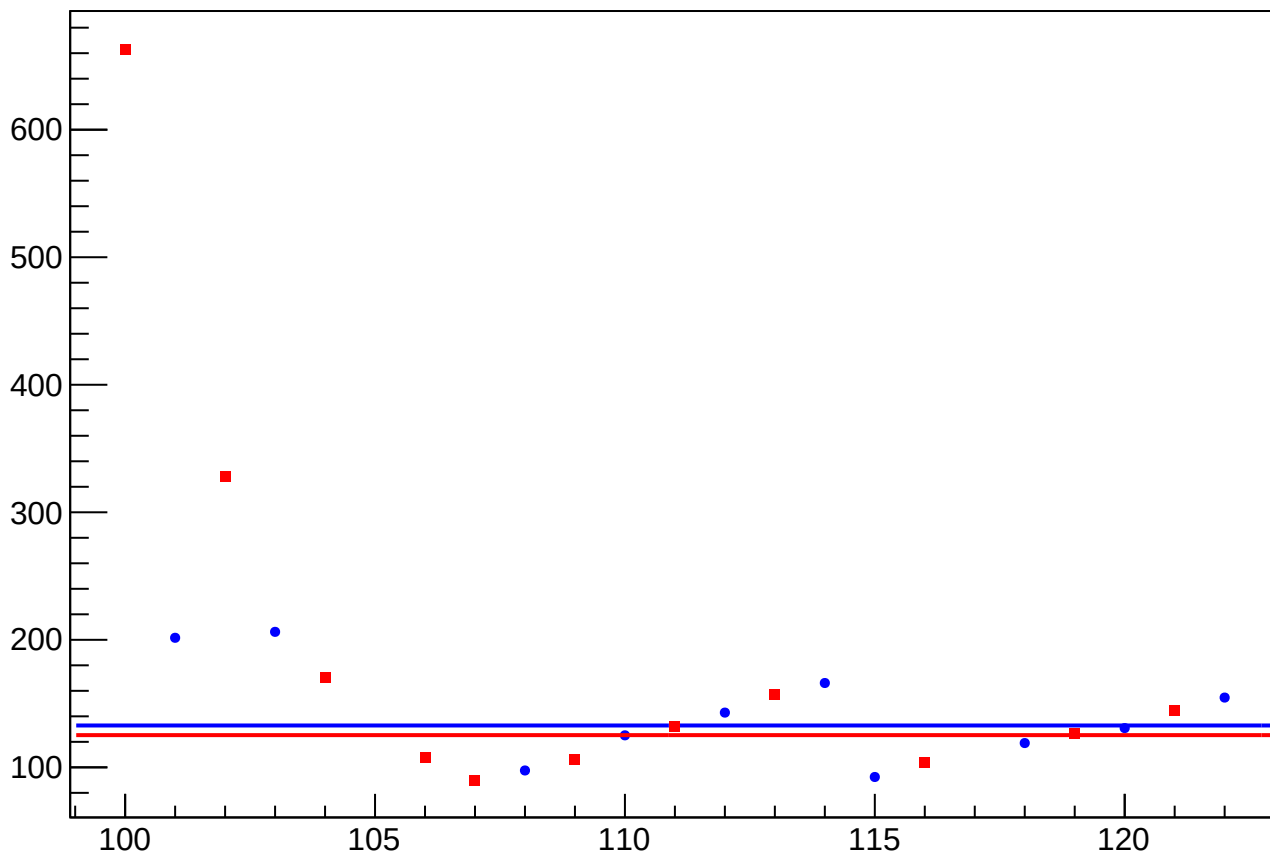
Right: -0.029 ± 0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.263+/-0.046 χ^2/NDF : 609746.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

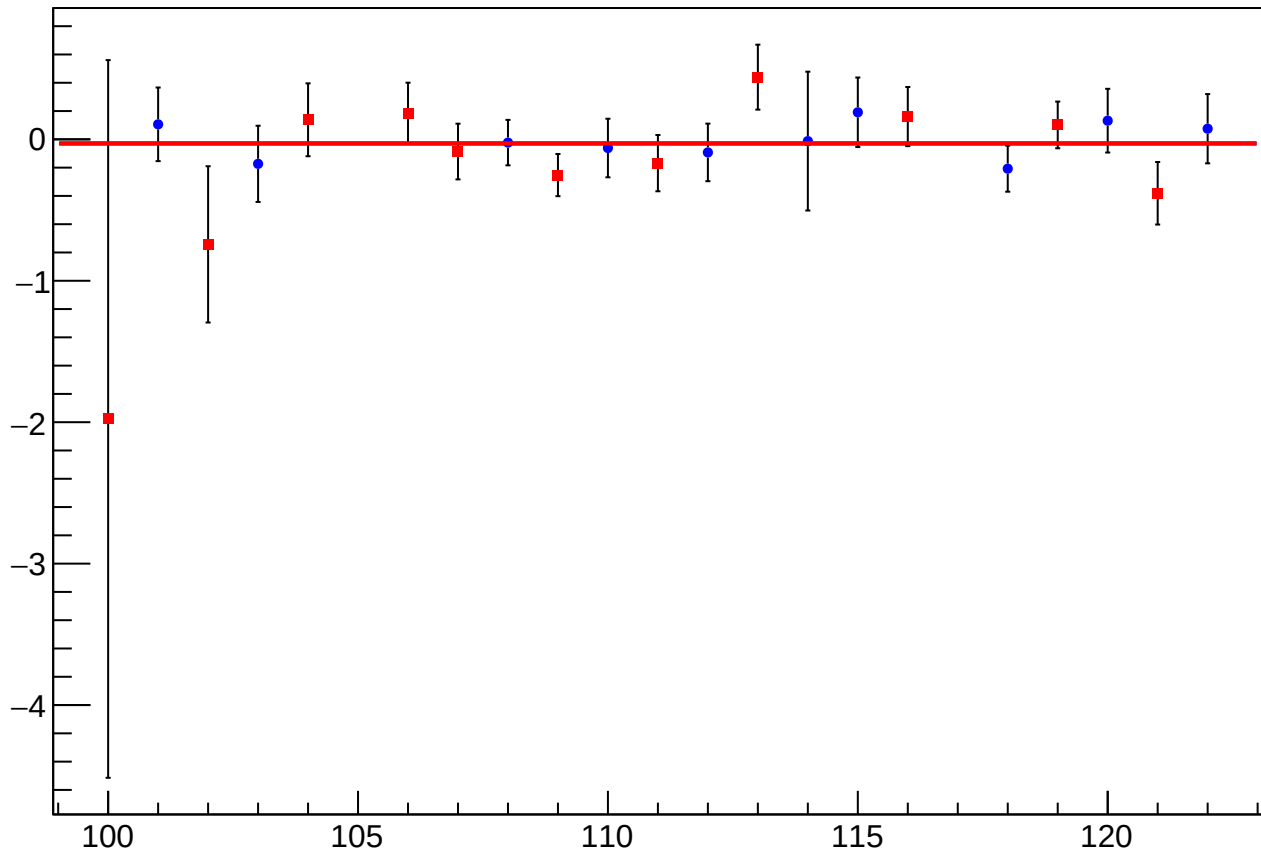
Right: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

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: -0.028 ± 0.065 χ^2/NDF : 14.6/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

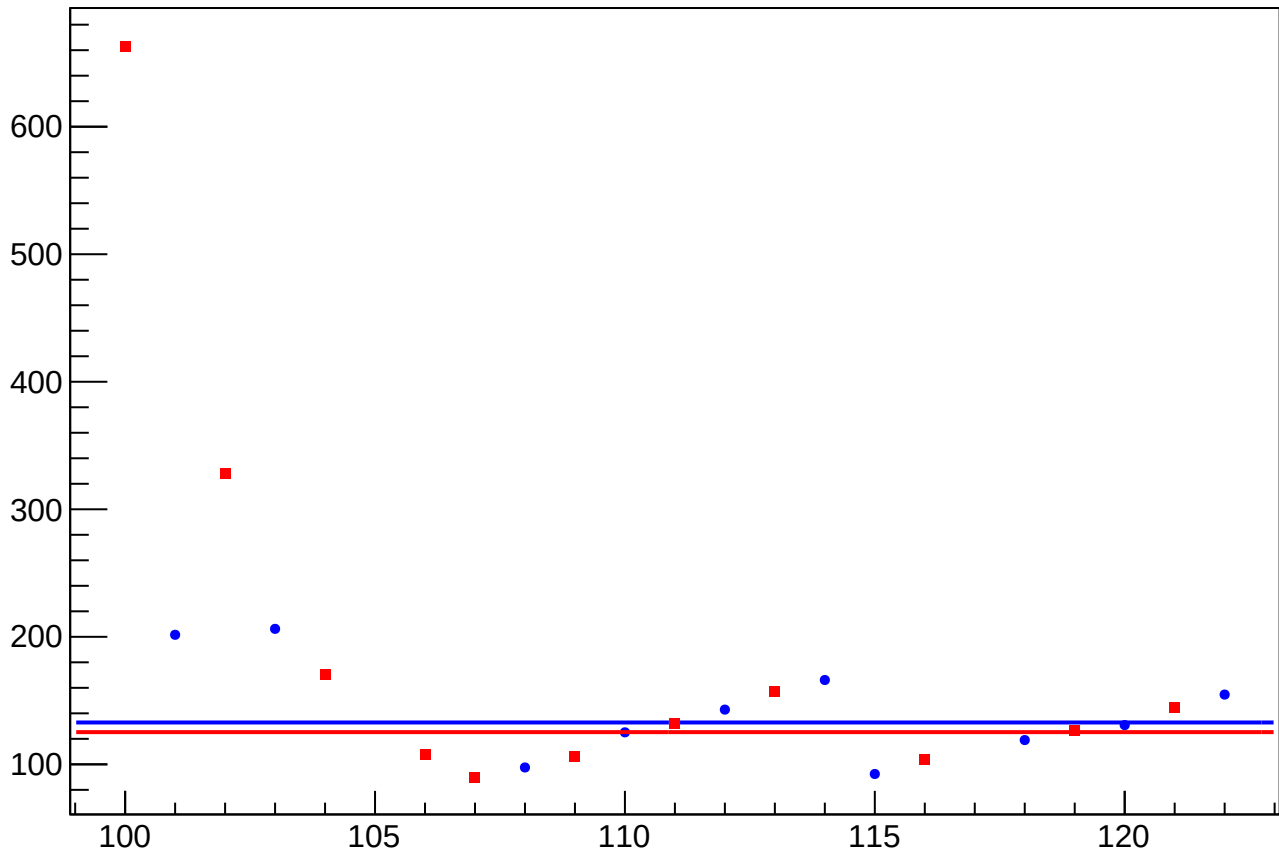
Right: -0.029 ± 0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.263+/-0.046 χ^2/NDF : 609746.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

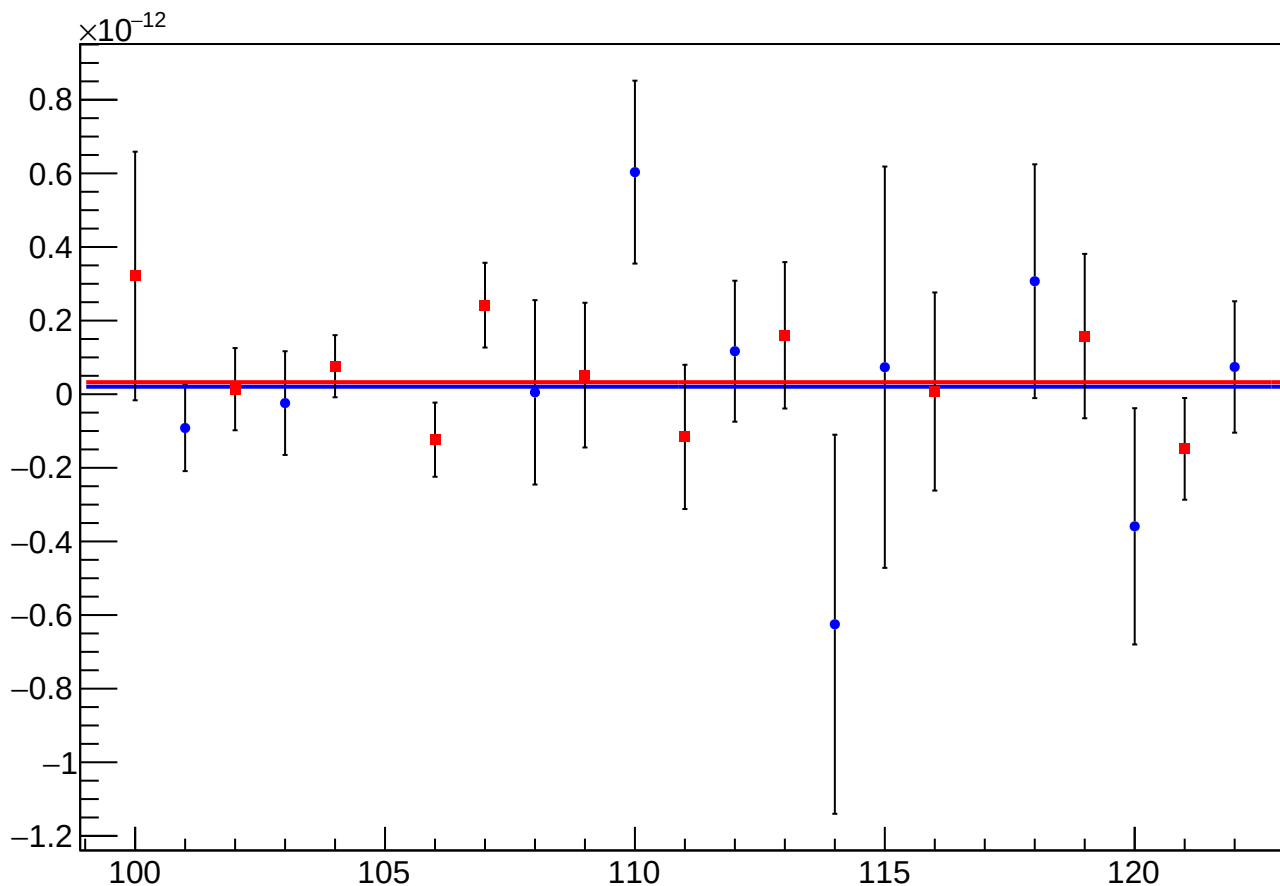
Right: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

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 : 9.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

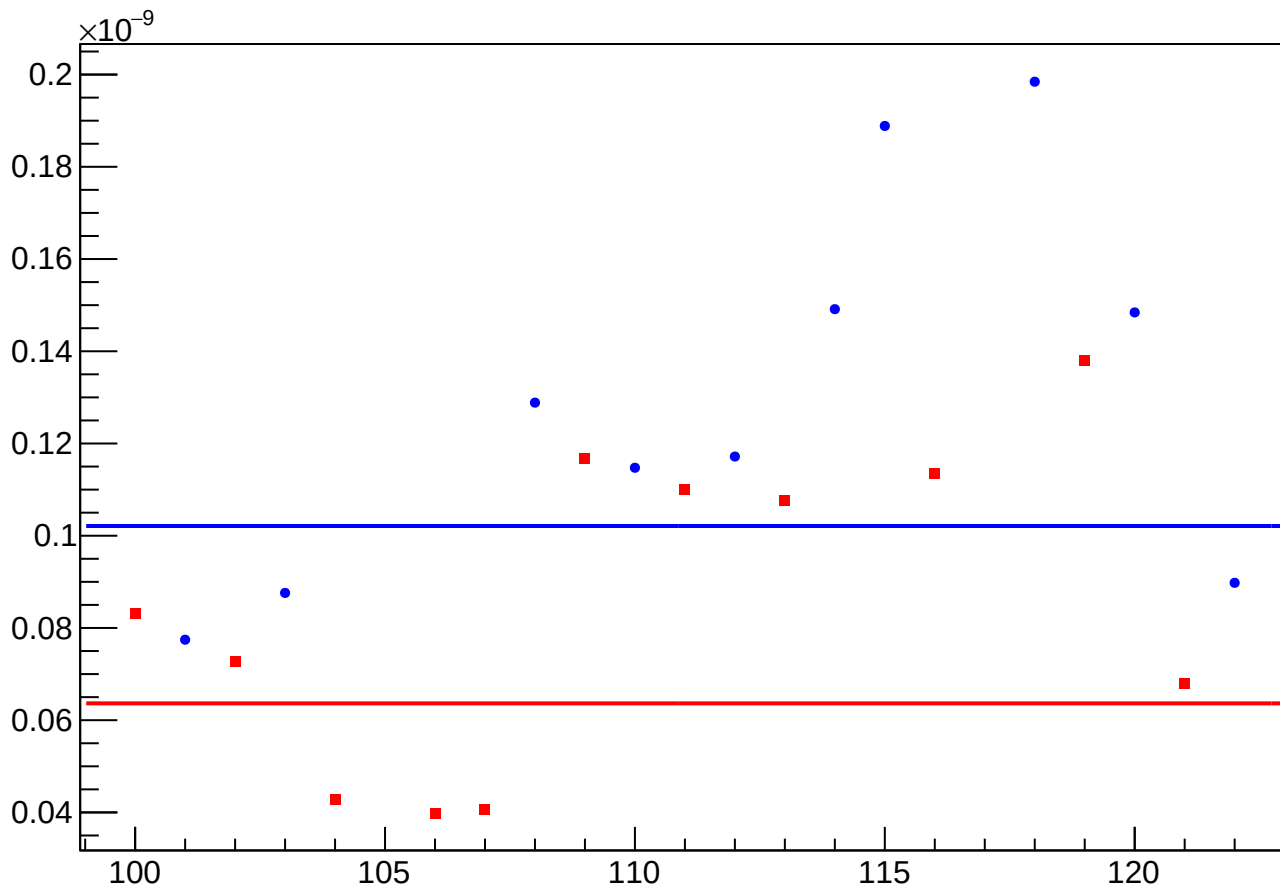
Right: 0.000+/-0.000 χ^2/NDF : 20.5/20

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 : 20.5/20

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 : 981434.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

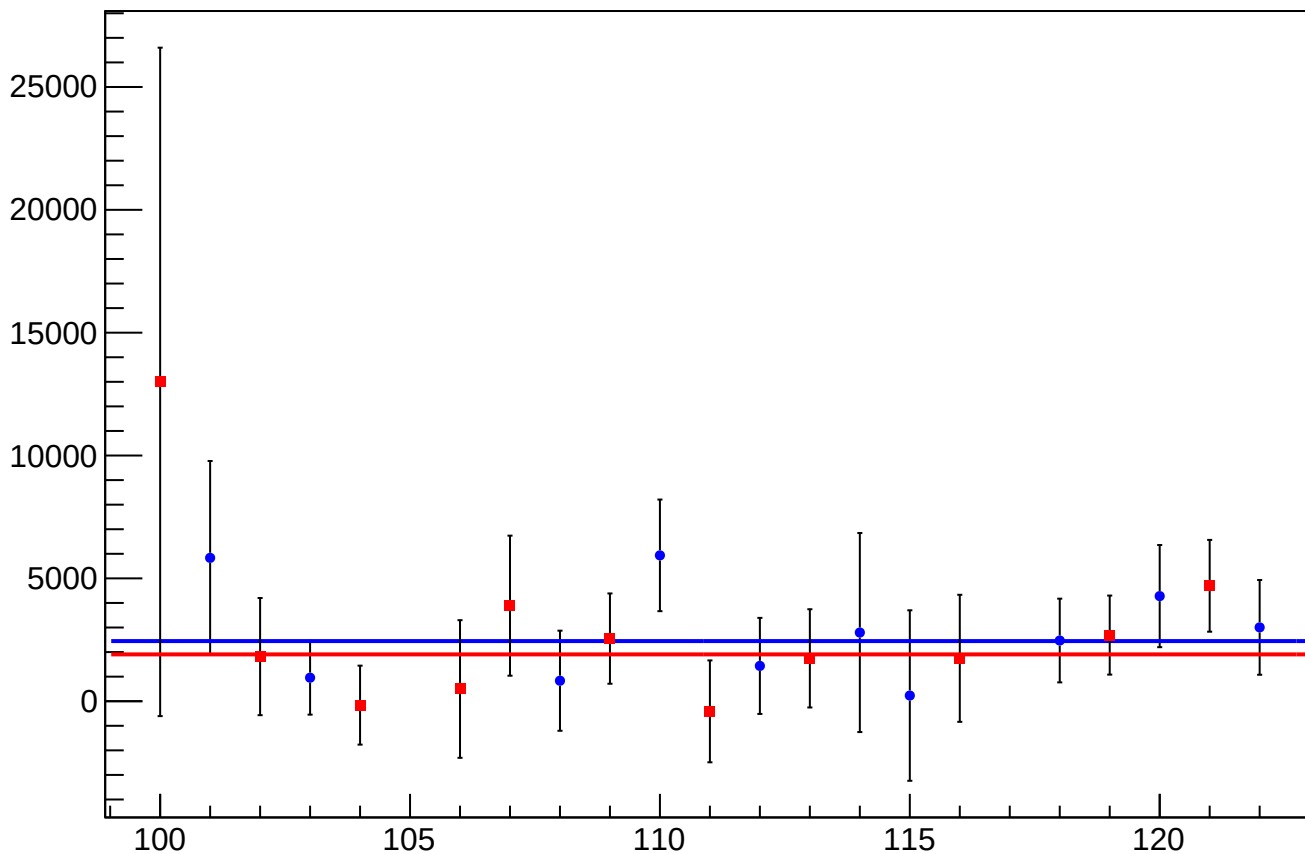
Right: 0.000+/-0.000 χ^2/NDF : 1933960.0/20

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 : 1933960.0/20

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: 1905.905+/-642.755 χ^2/NDF : 6.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

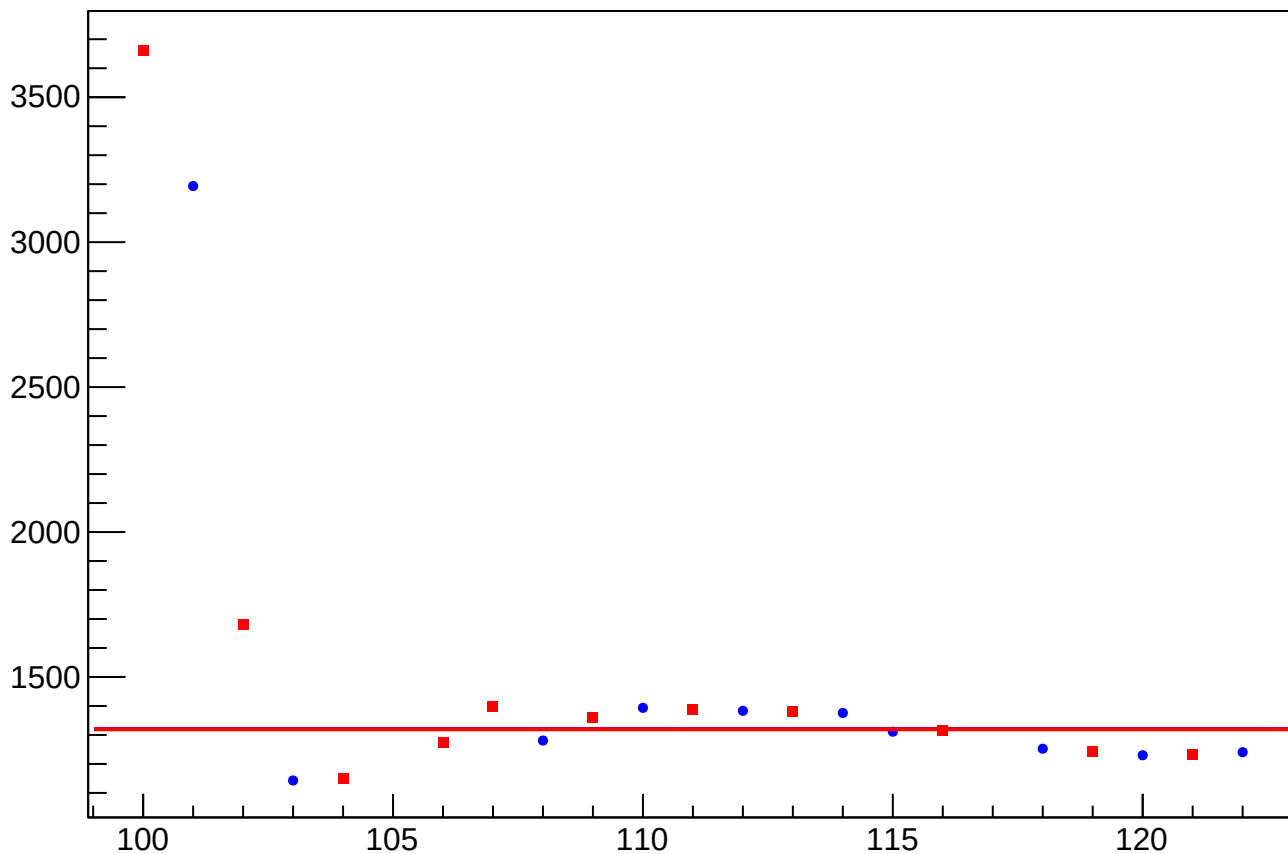
Right: 2163.370+/-465.634 χ^2/NDF : 13.5/20

In: 2447.713+/-675.473 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2163.370+/-465.634 χ^2/NDF : 13.5/20

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: 1319.720+/-0.452 χ^2/NDF : 143108.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

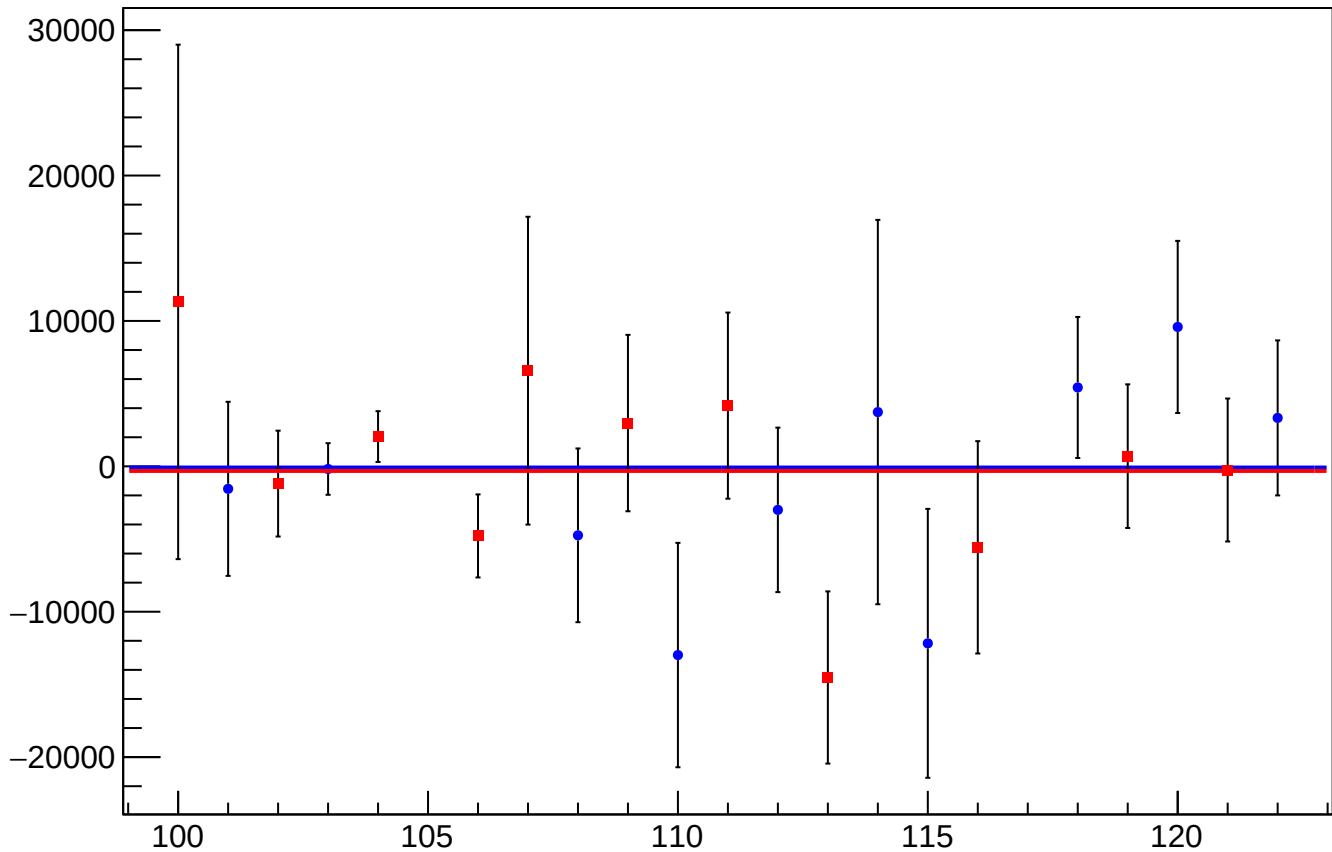
Right: 1320.006+/-0.328 χ^2/NDF : 637934.8/20

In: 1320.324+/-0.478 χ^2/NDF : 494825.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.006+/-0.328 χ^2/NDF : 637934.8/20

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: -316.540+/-1179.008 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

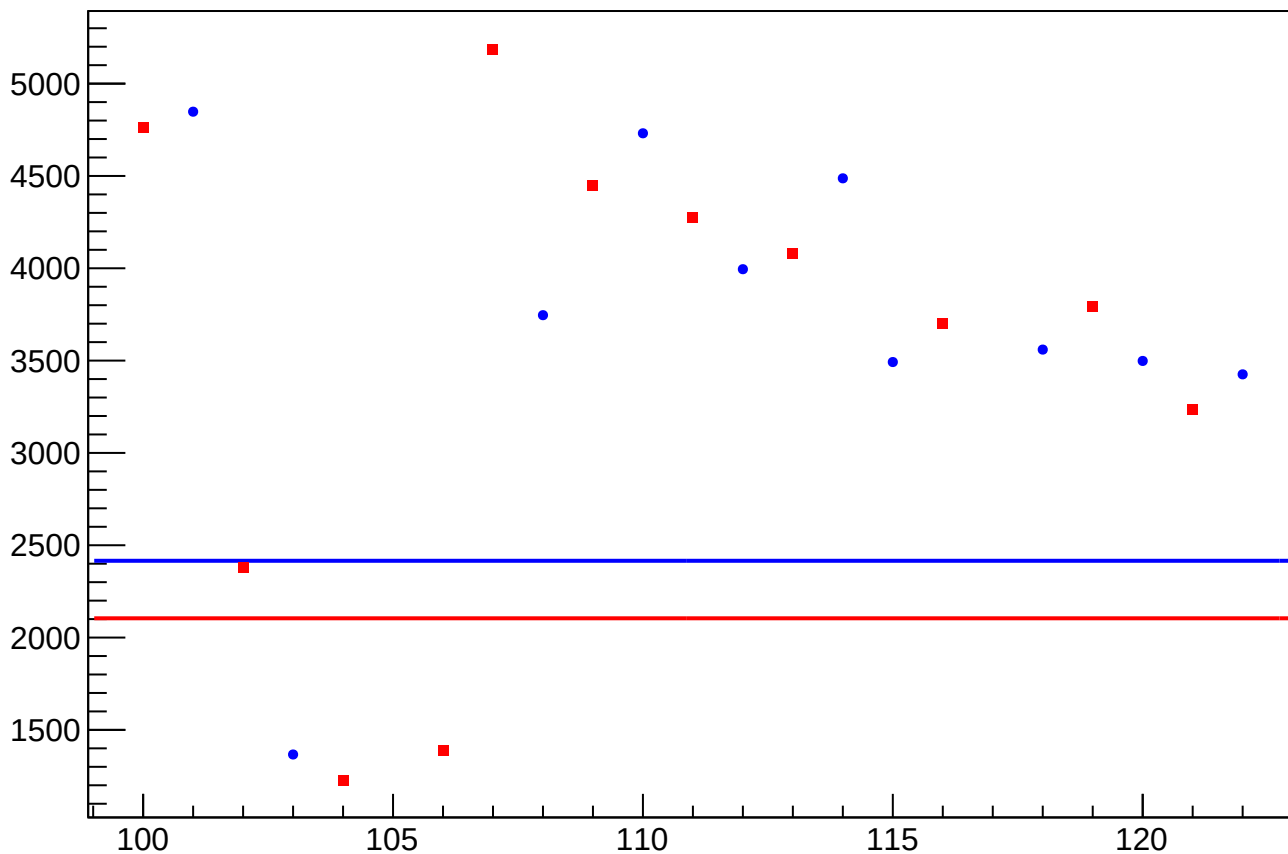
Right: -215.927+/-889.357 χ^2/NDF : 22.2/20

In: -83.094+/-1354.696 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -215.927+/-889.357 χ^2/NDF : 22.2/20

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: 2104.339+/-0.834 χ^2/NDF : 2046198.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

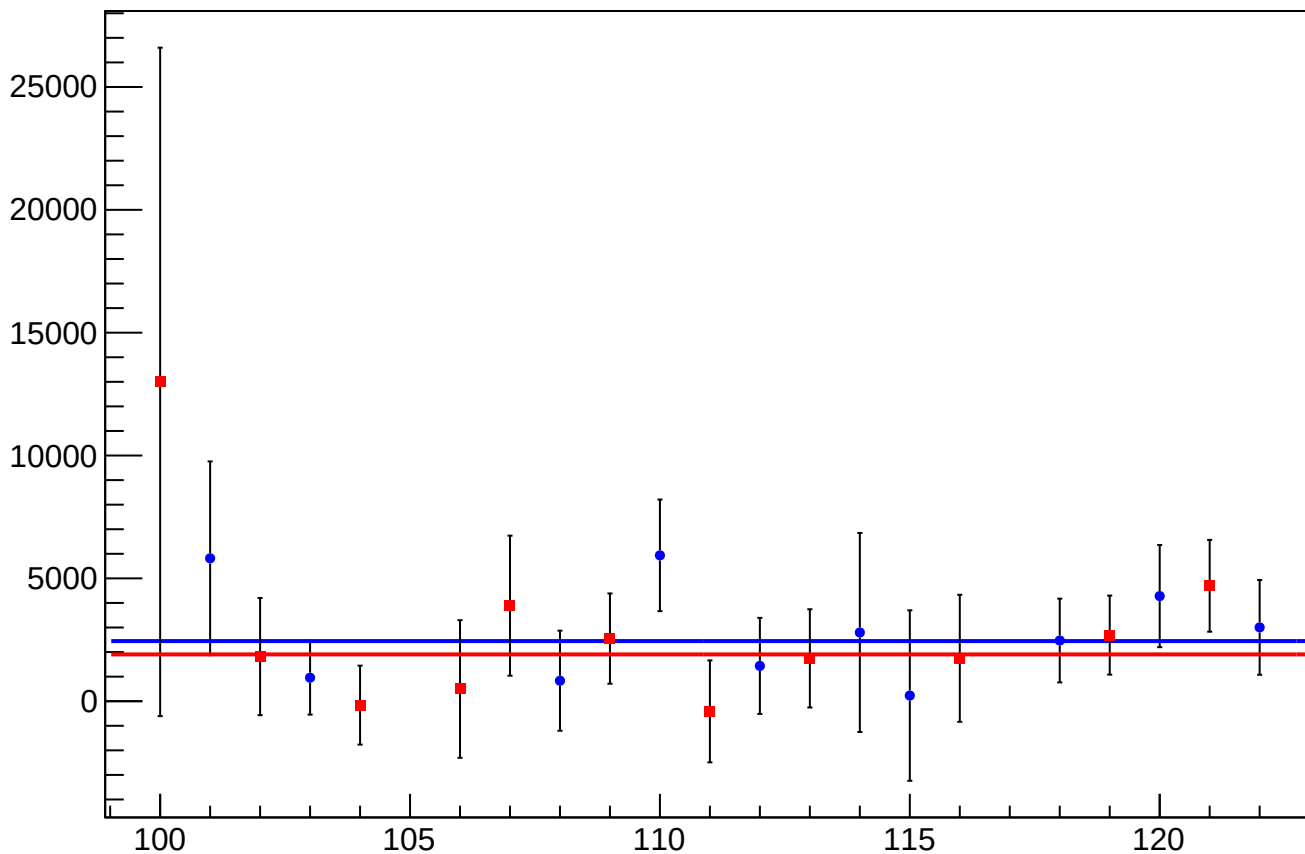
Right: 2238.593+/-0.629 χ^2/NDF : 3896027.9/20

In: 2415.839+/-0.958 χ^2/NDF : 1789658.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2238.593+/-0.629 χ^2/NDF : 3896027.9/20

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: 1905.592+/-642.755 χ^2/NDF : 6.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

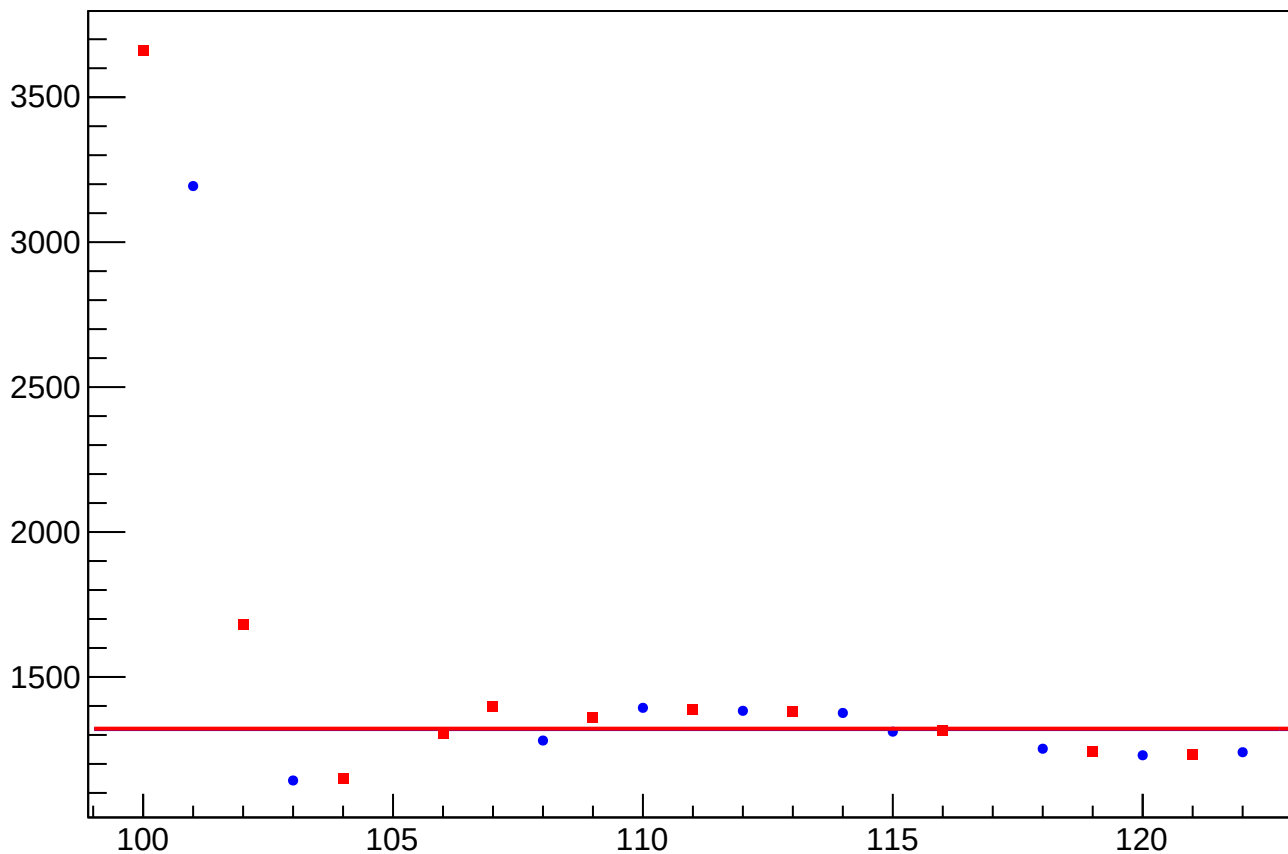
Right: 2163.023+/-465.634 χ^2/NDF : 13.5/20

In: 2447.329+/-675.473 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2163.023+/-465.634 χ^2/NDF : 13.5/20

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: 1321.631+/-0.453 χ^2/NDF : 142538.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

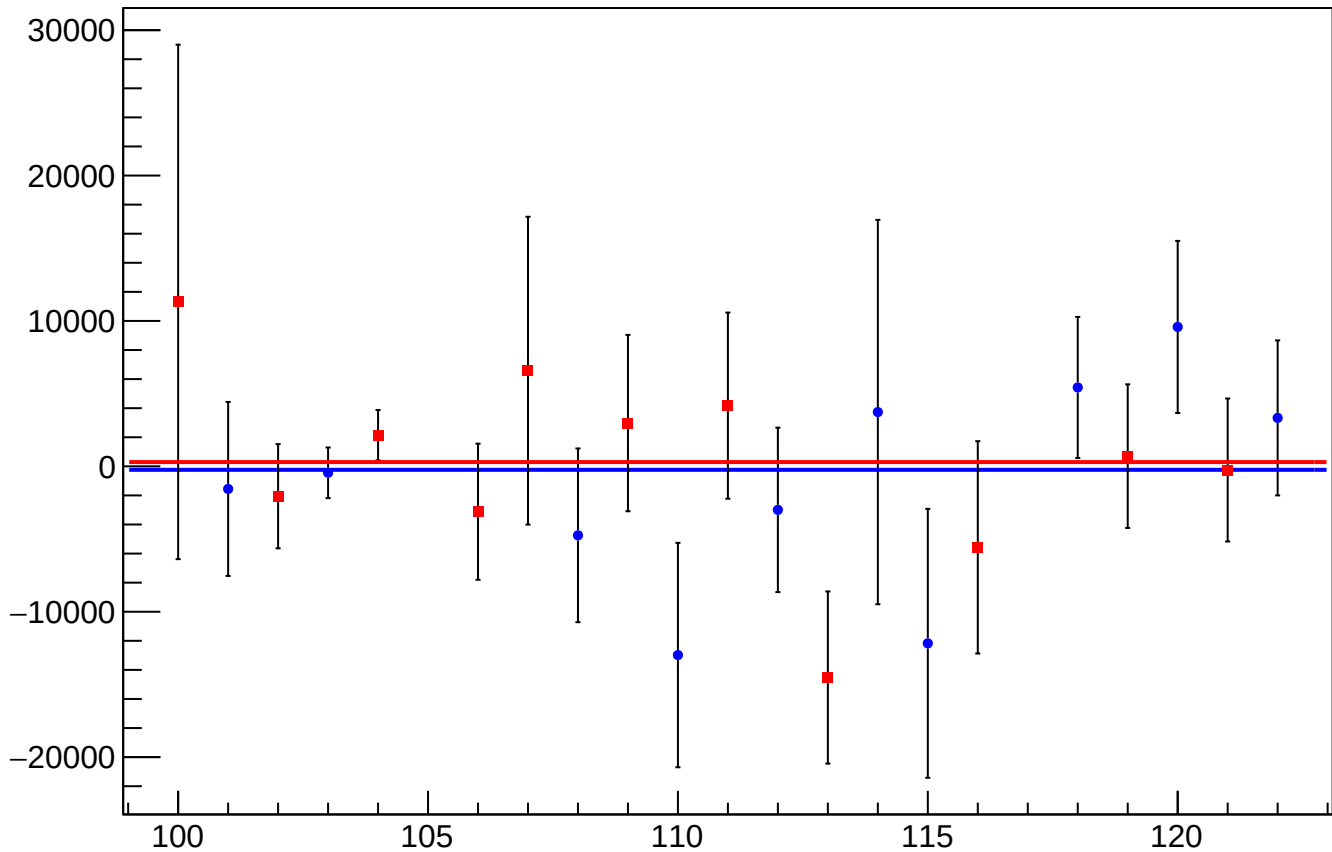
Right: 1321.012+/-0.329 χ^2/NDF : 637369.4/20

In: 1320.324+/-0.478 χ^2/NDF : 494826.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.012+/-0.329 χ^2/NDF : 637369.4/20

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: 292.988+/-1239.444 χ^2/NDF : 10.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

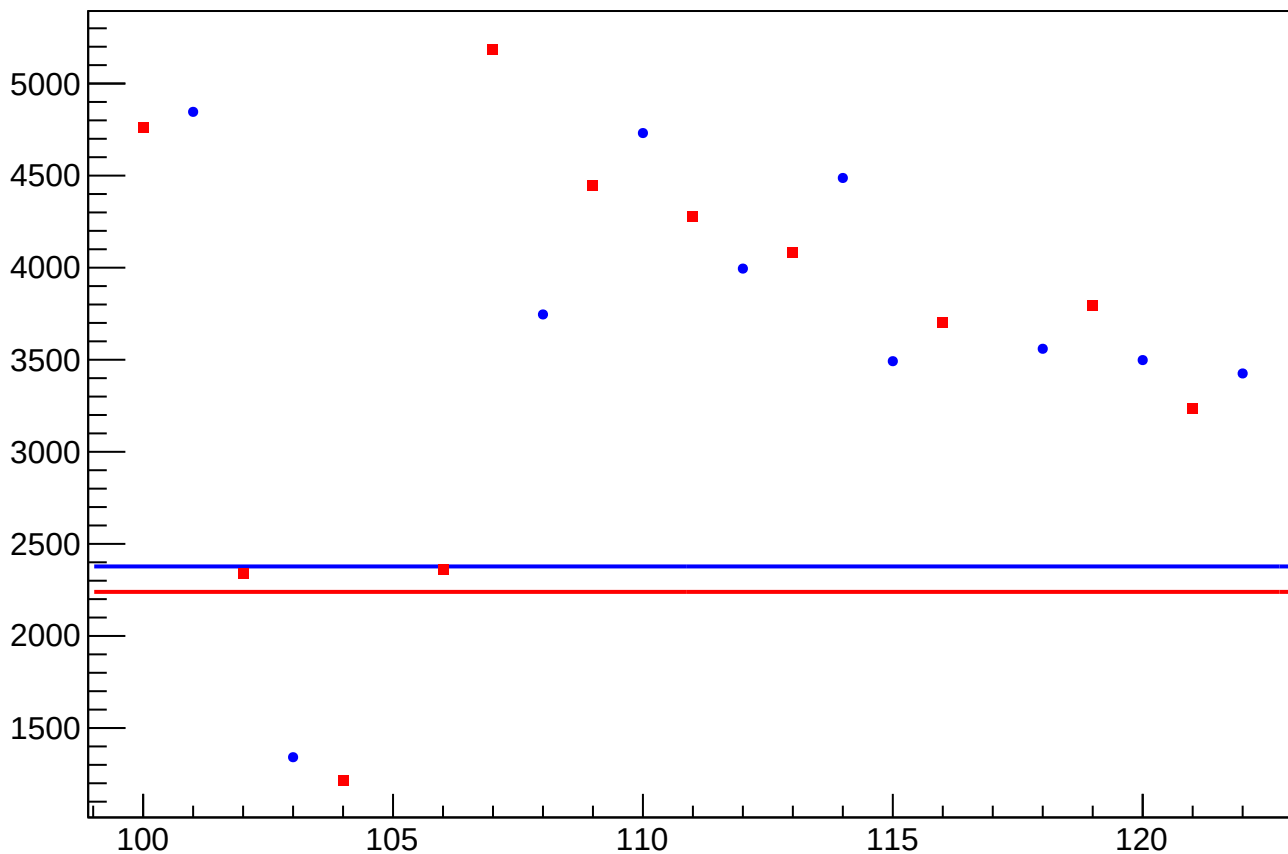
Right: 47.230+/-909.731 χ^2/NDF : 20.3/20

In: -239.798+/-1339.478 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.230+/-909.731 χ^2/NDF : 20.3/20

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: 2239.343+/-0.876 χ^2/NDF : 1922551.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

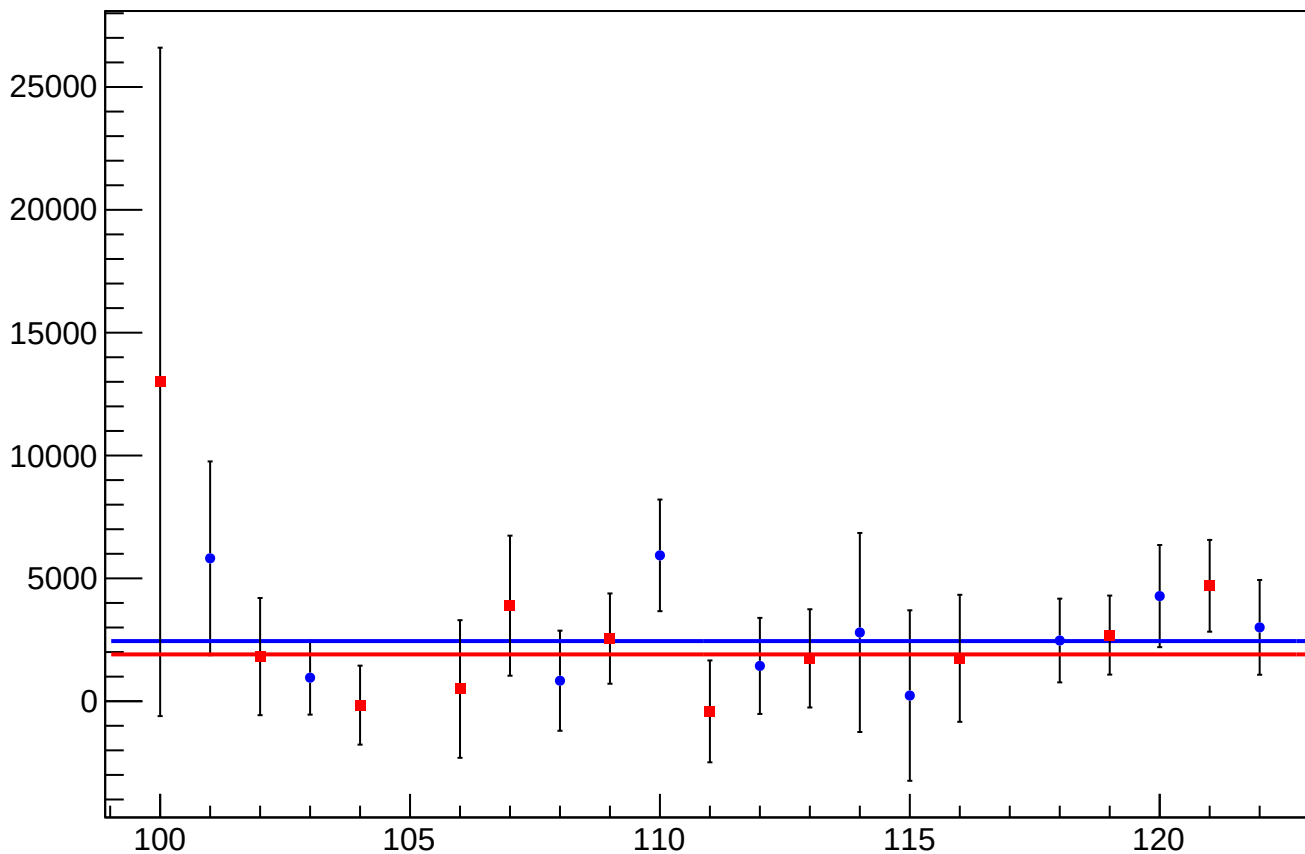
Right: 2303.067+/-0.643 χ^2/NDF : 3784520.1/20

In: 2377.492+/-0.947 χ^2/NDF : 1850507.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2303.067+/-0.643 χ^2/NDF : 3784520.1/20

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: 1905.592+/-642.755 χ^2/NDF : 6.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

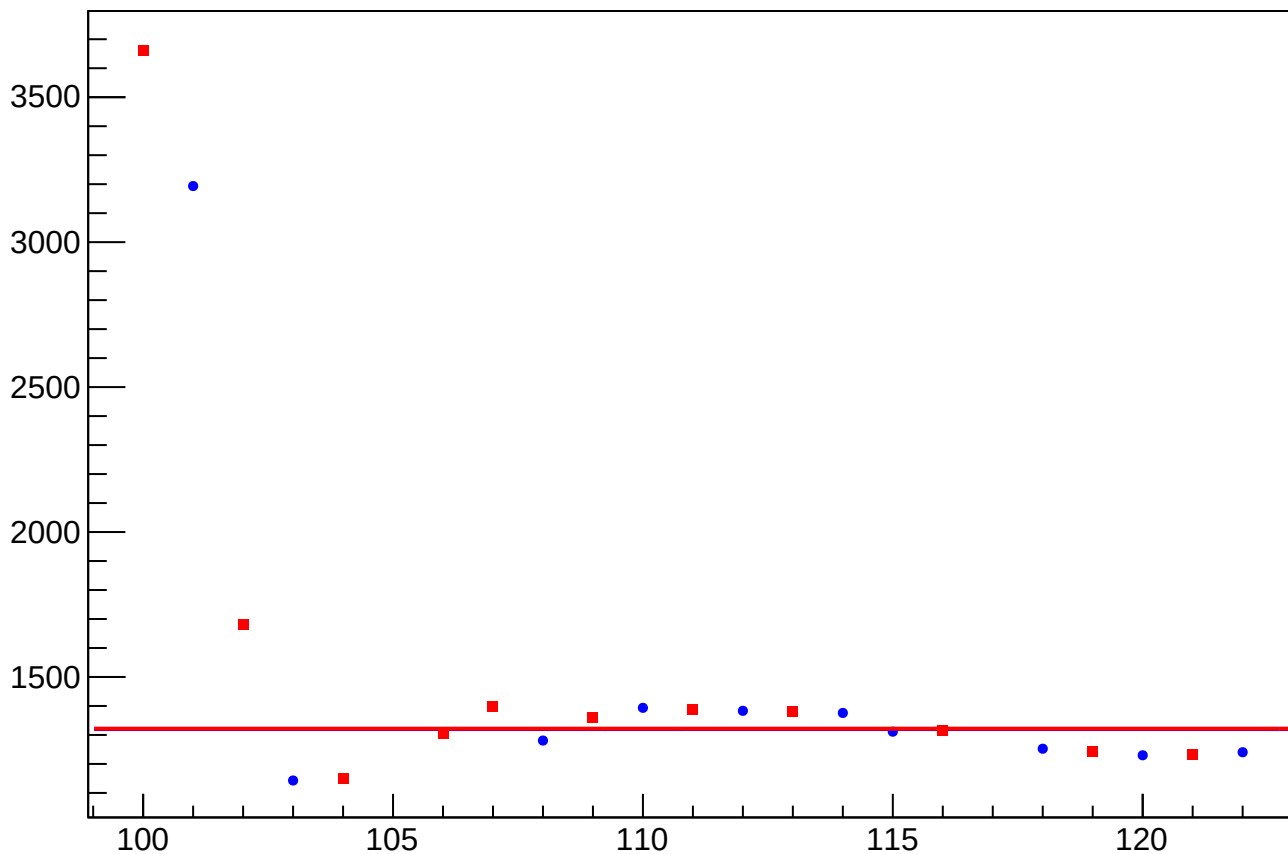
Right: 2163.023+/-465.634 χ^2/NDF : 13.5/20

In: 2447.329+/-675.473 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2163.023+/-465.634 χ^2/NDF : 13.5/20

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: 1321.631+/-0.453 χ^2/NDF : 142538.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

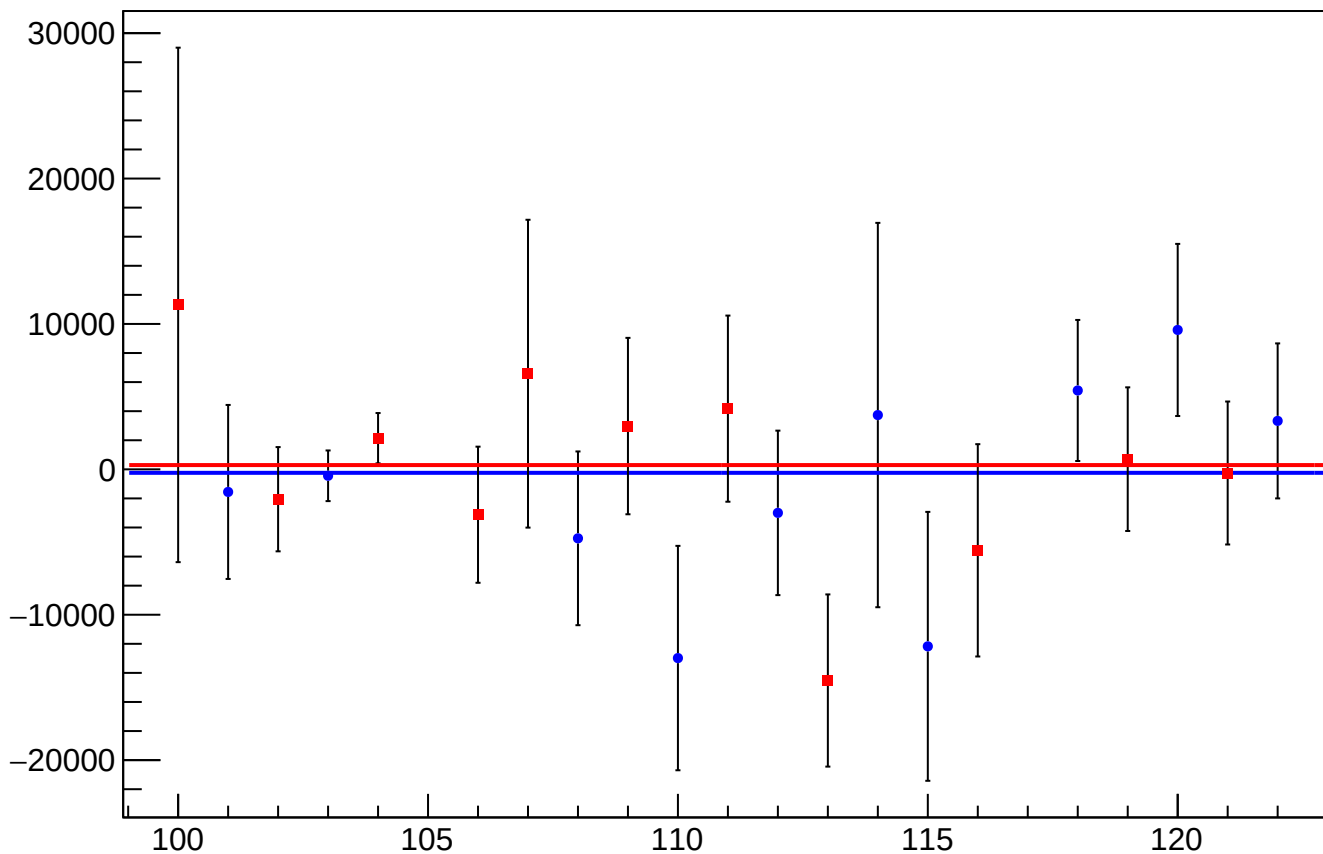
Right: 1321.012+/-0.329 χ^2/NDF : 637369.4/20

In: 1320.324+/-0.478 χ^2/NDF : 494826.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.012+/-0.329 χ^2/NDF : 637369.4/20

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: 292.988+/-1239.444 χ^2/NDF : 10.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

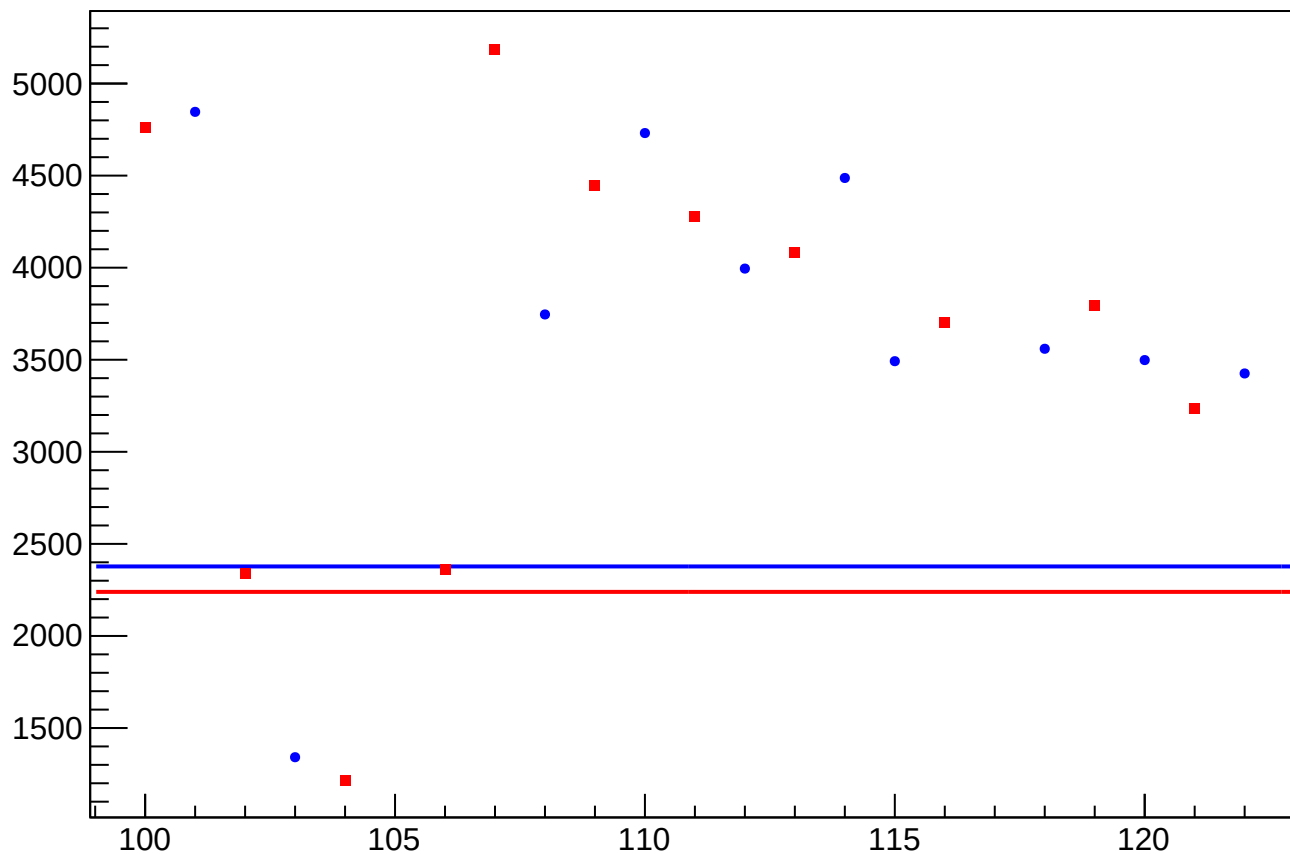
Right: 47.230+/-909.731 χ^2/NDF : 20.3/20

In: -239.798+/-1339.478 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.230+/-909.731 χ^2/NDF : 20.3/20

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: 2239.343+/-0.876 χ^2/NDF : 1922551.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

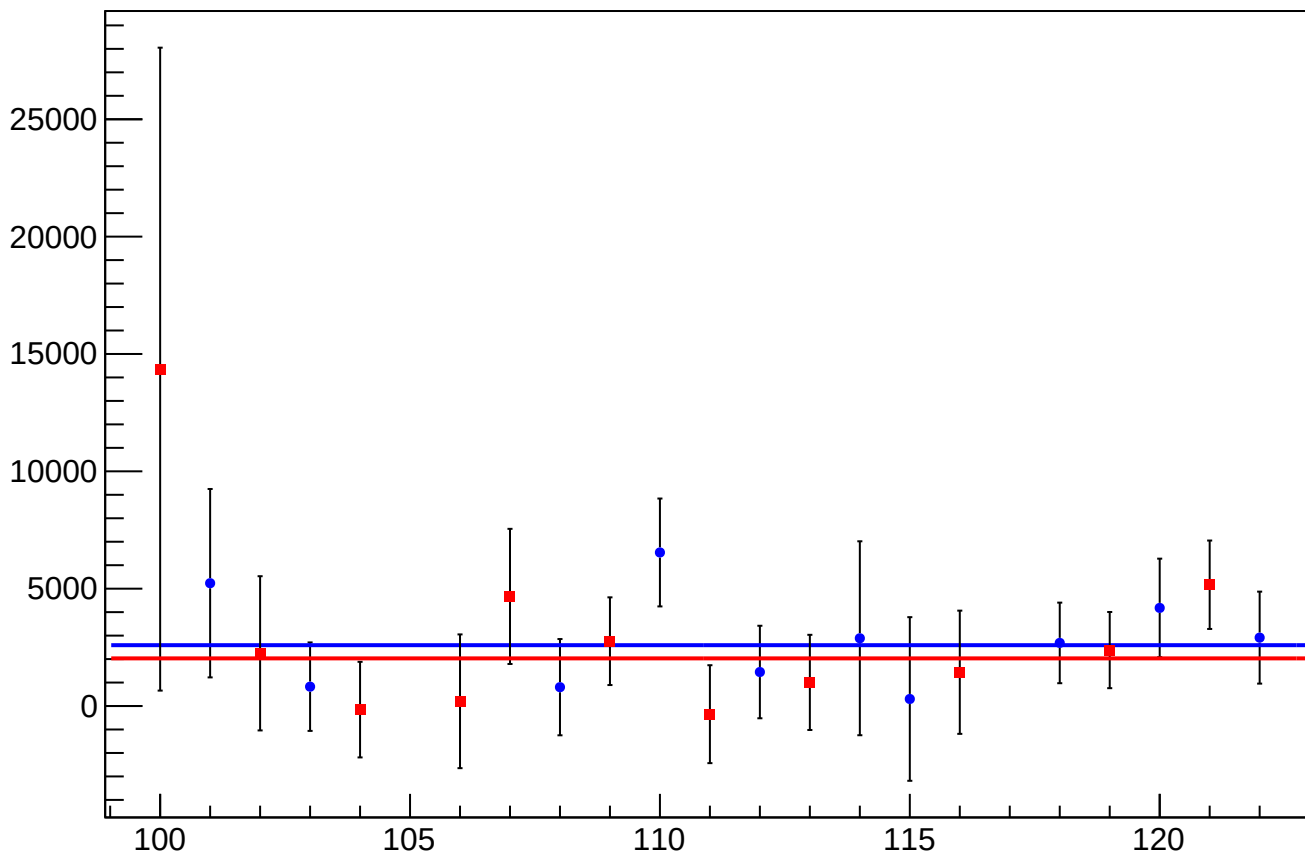
Right: 2303.067+/-0.643 χ^2/NDF : 3784520.1/20

In: 2377.492+/-0.947 χ^2/NDF : 1850507.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2303.067+/-0.643 χ^2/NDF : 3784520.1/20

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2592.502 $\pm$ 707.874 χ^2 /NDF: 6.4/9

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

Right Out: 2029.931 $\pm$ 682.148 χ^2 /NDF: 7.8/10

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

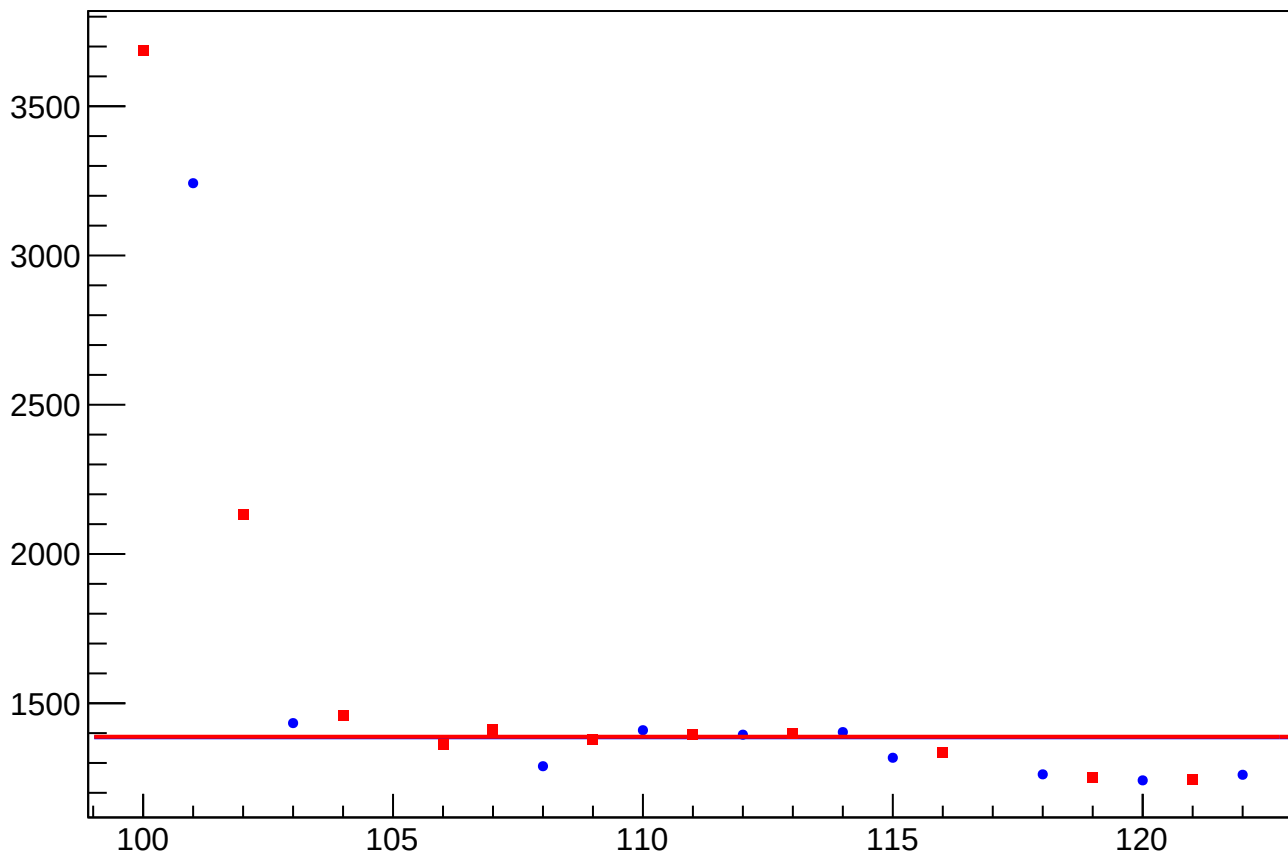
Right: 2300.808 $\pm$ 491.195 χ^2 /NDF: 14.5/20

In: 2592.502 $\pm$ 707.874 χ^2 /NDF: 6.4/9

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

All: 2300.808 $\pm$ 491.195 χ^2 /NDF: 14.5/20

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: 1387.824+/-0.482 χ^2/NDF : 187948.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

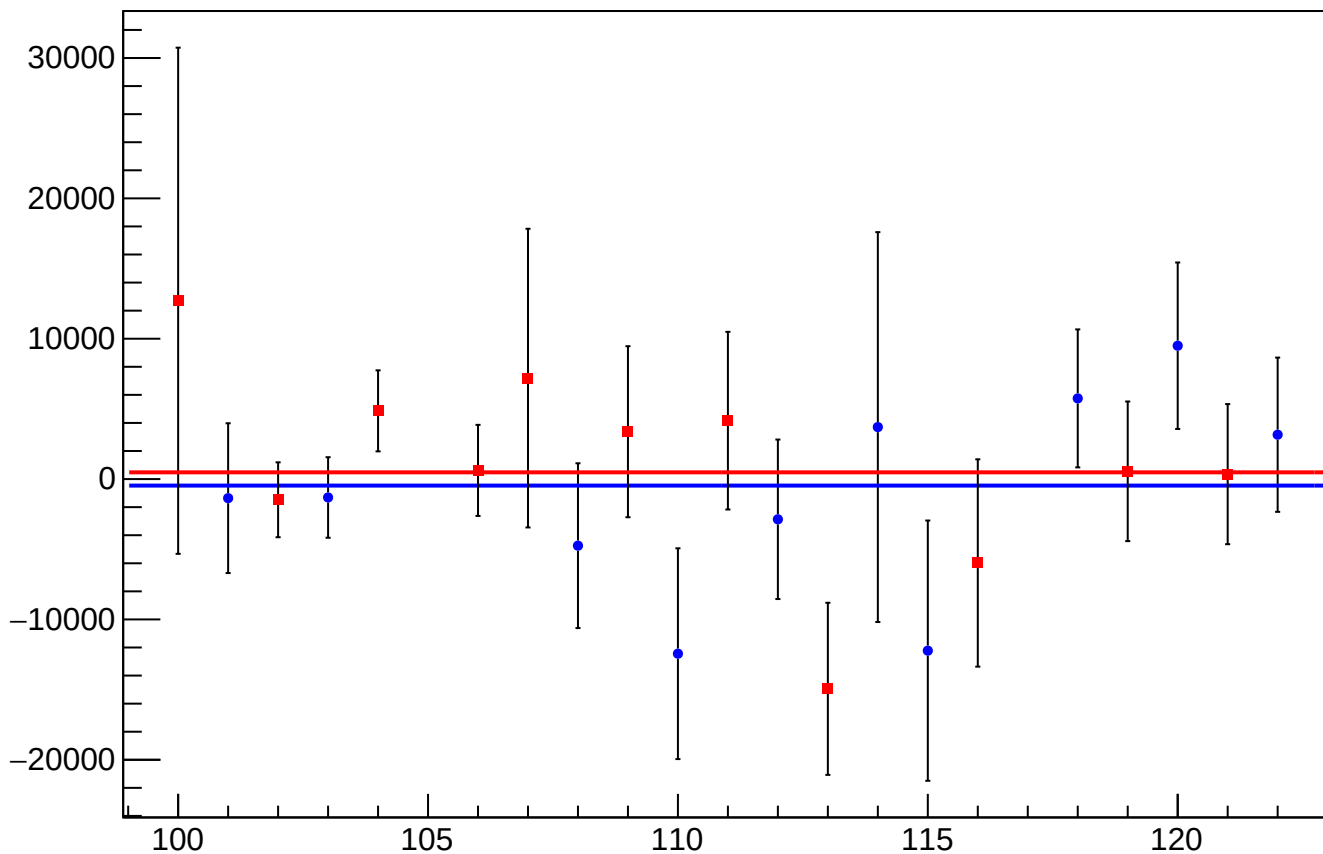
Right: 1386.981+/-0.347 χ^2/NDF : 650562.3/20

In: 1386.071+/-0.501 χ^2/NDF : 462607.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.981+/-0.347 χ^2/NDF : 650562.3/20

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: 480.306+/-1354.821 χ^2/NDF : 11.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

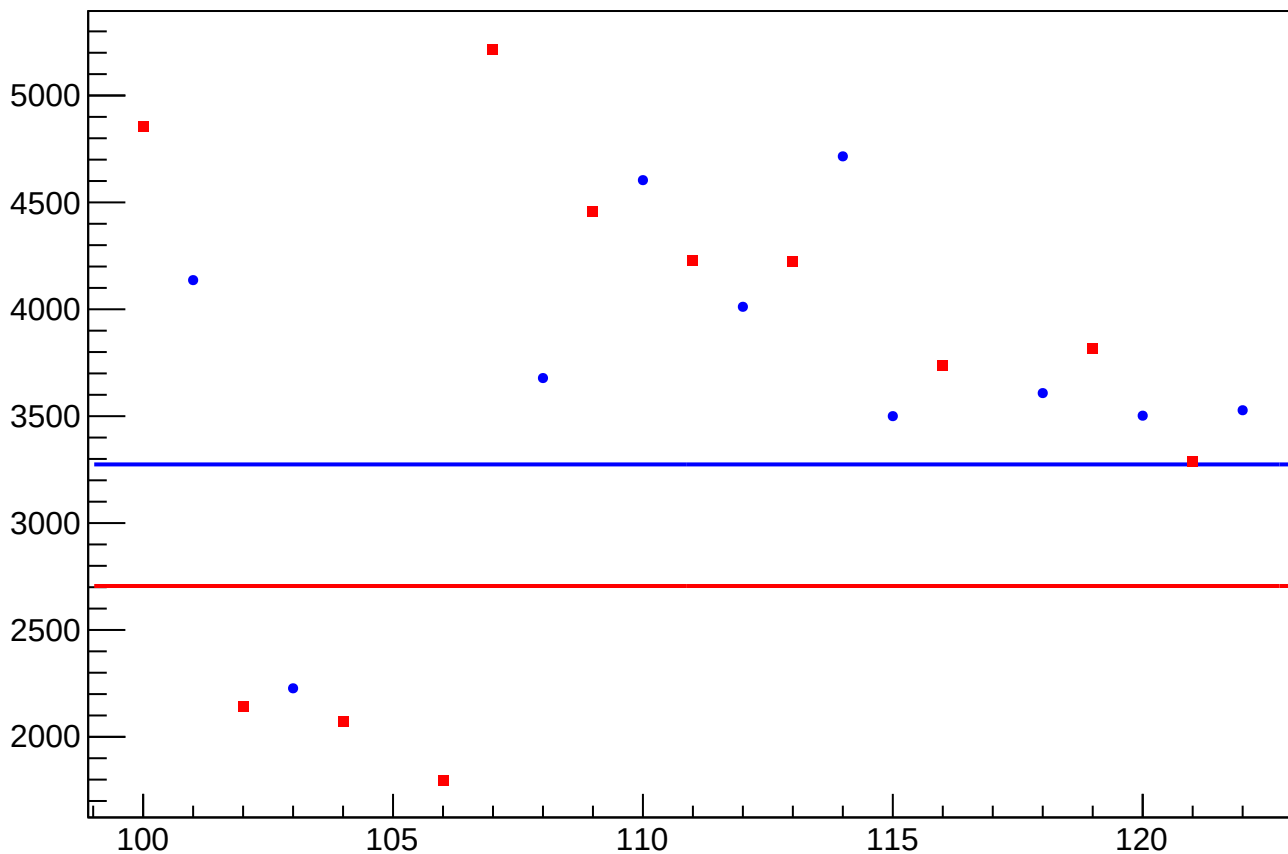
Right: 108.404+/-1054.772 χ^2/NDF : 21.5/20

In: -463.877+/-1680.632 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.404+/-1054.772 χ^2/NDF : 21.5/20

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: 2705.624+/-0.958 χ^2/NDF : 1051175.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

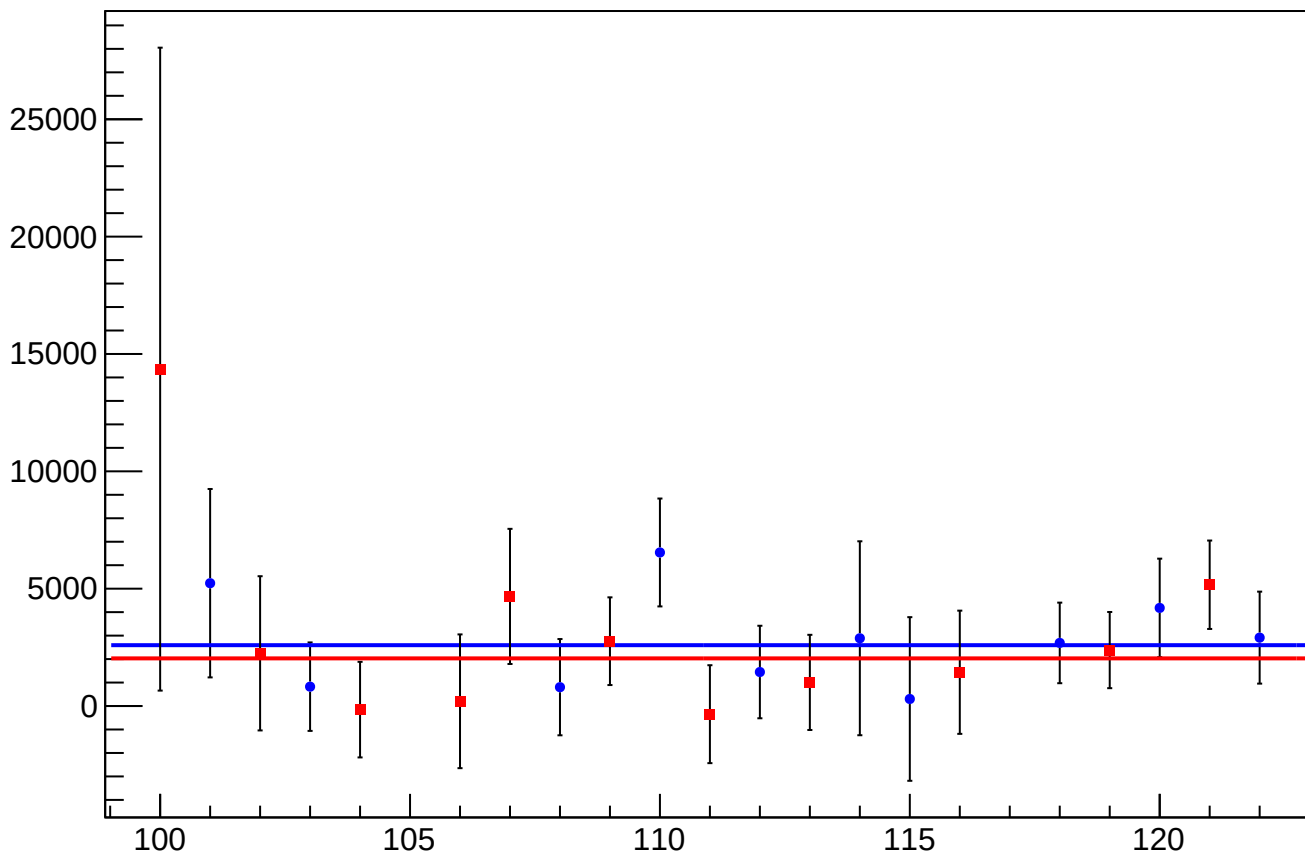
Right: 2929.638+/-0.746 χ^2/NDF : 1653613.6/20

In: 3274.350+/-1.188 χ^2/NDF : 463621.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2929.638+/-0.746 χ^2/NDF : 1653613.6/20

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: 2029.935+/-682.148 χ^2/NDF : 7.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

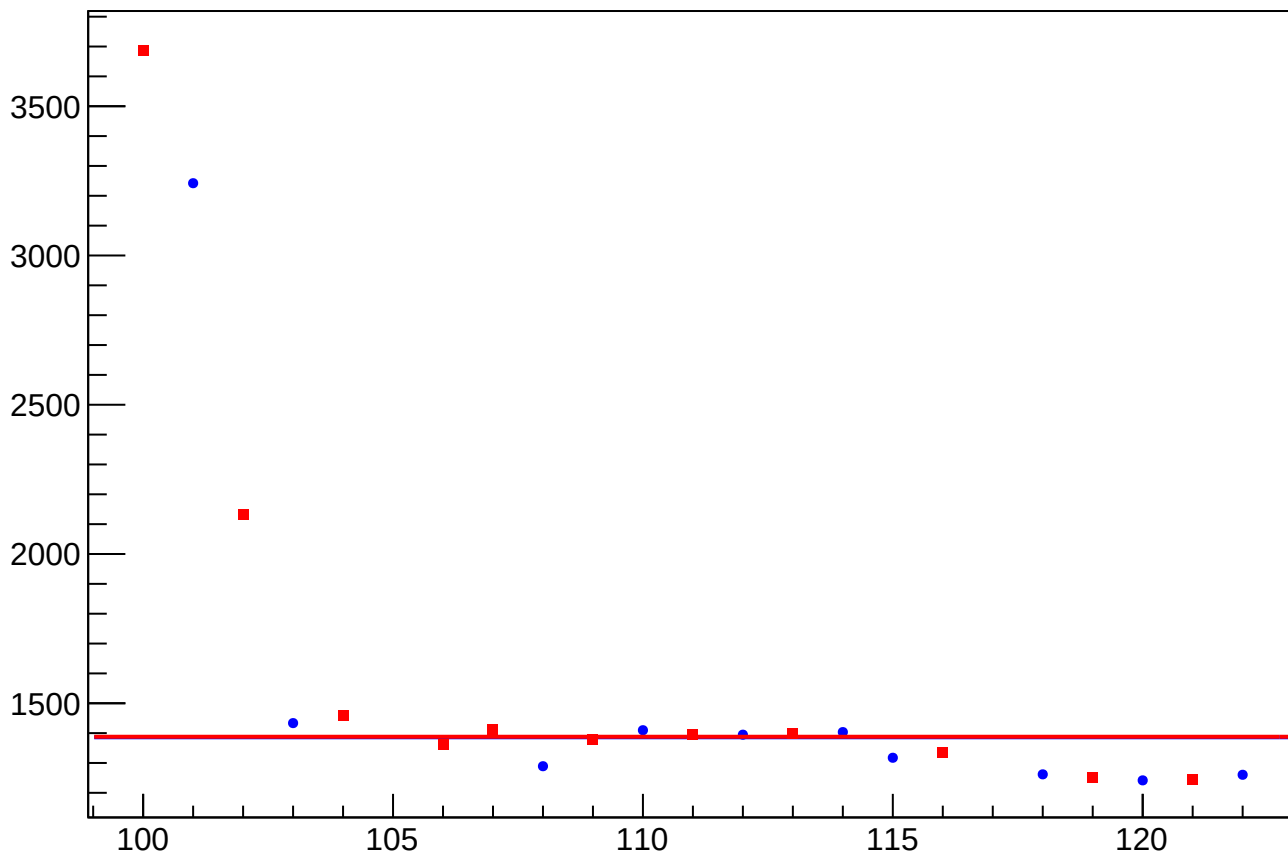
Right: 2300.808+/-491.194 χ^2/NDF : 14.5/20

In: 2592.496+/-707.874 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2300.808+/-491.194 χ^2/NDF : 14.5/20

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: 1387.824+/-0.482 χ^2/NDF : 187948.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

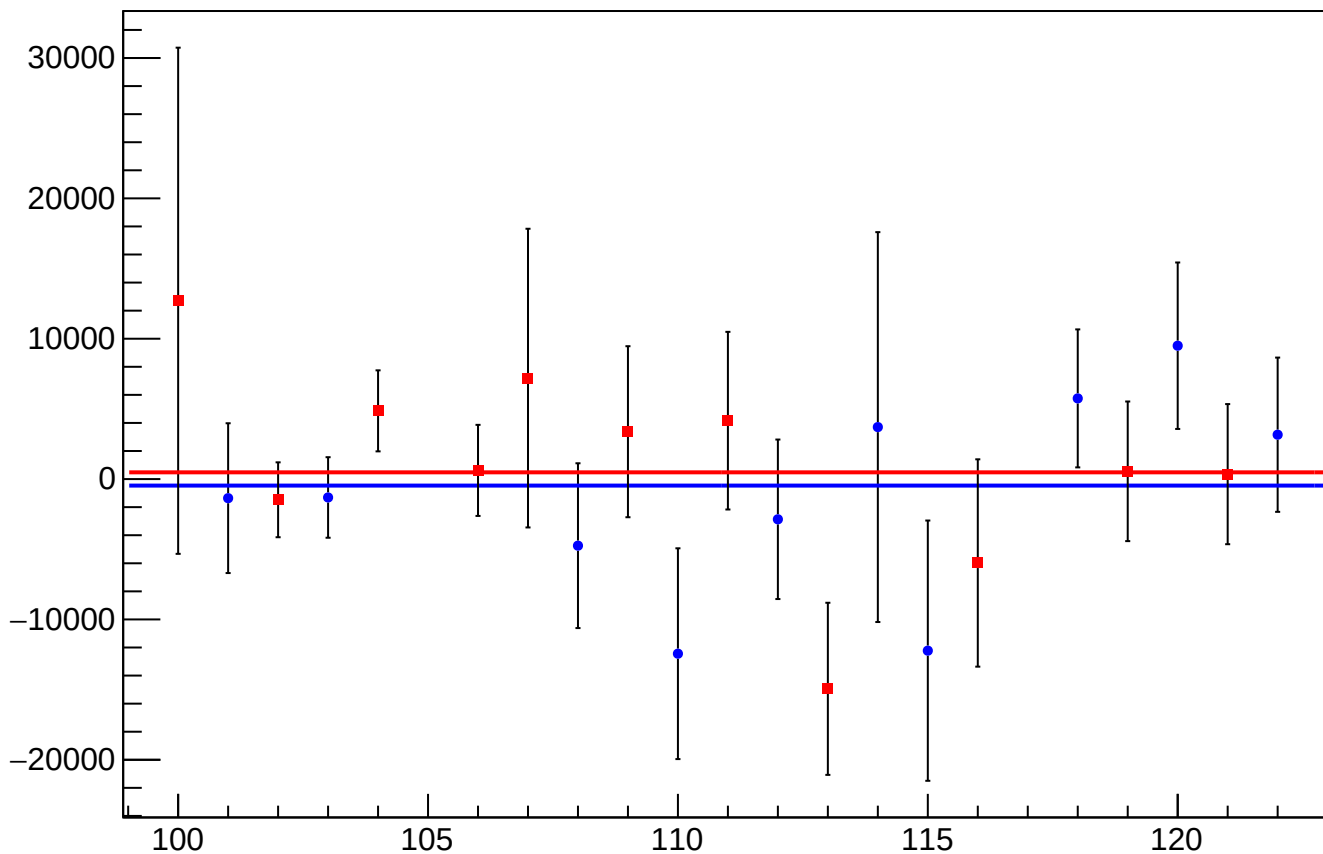
Right: 1386.980+/-0.347 χ^2/NDF : 650561.5/20

In: 1386.070+/-0.501 χ^2/NDF : 462607.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.980+/-0.347 χ^2/NDF : 650561.5/20

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: 480.306+/-1354.817 χ^2/NDF : 11.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

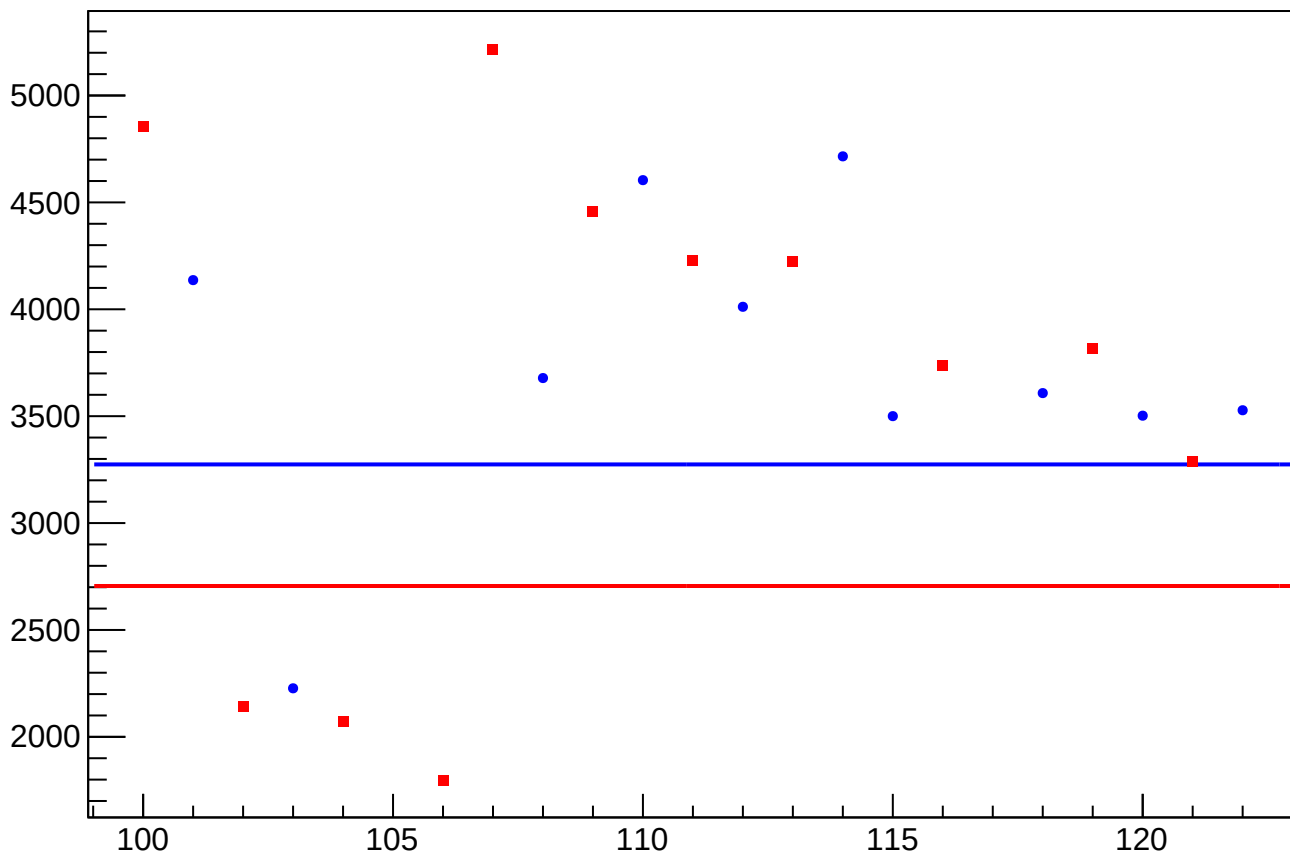
Right: 108.407+/-1054.769 χ^2/NDF : 21.5/20

In: -463.871+/-1680.628 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.407+/-1054.769 χ^2/NDF : 21.5/20

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: 2705.617+/-0.958 χ^2/NDF : 1051175.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

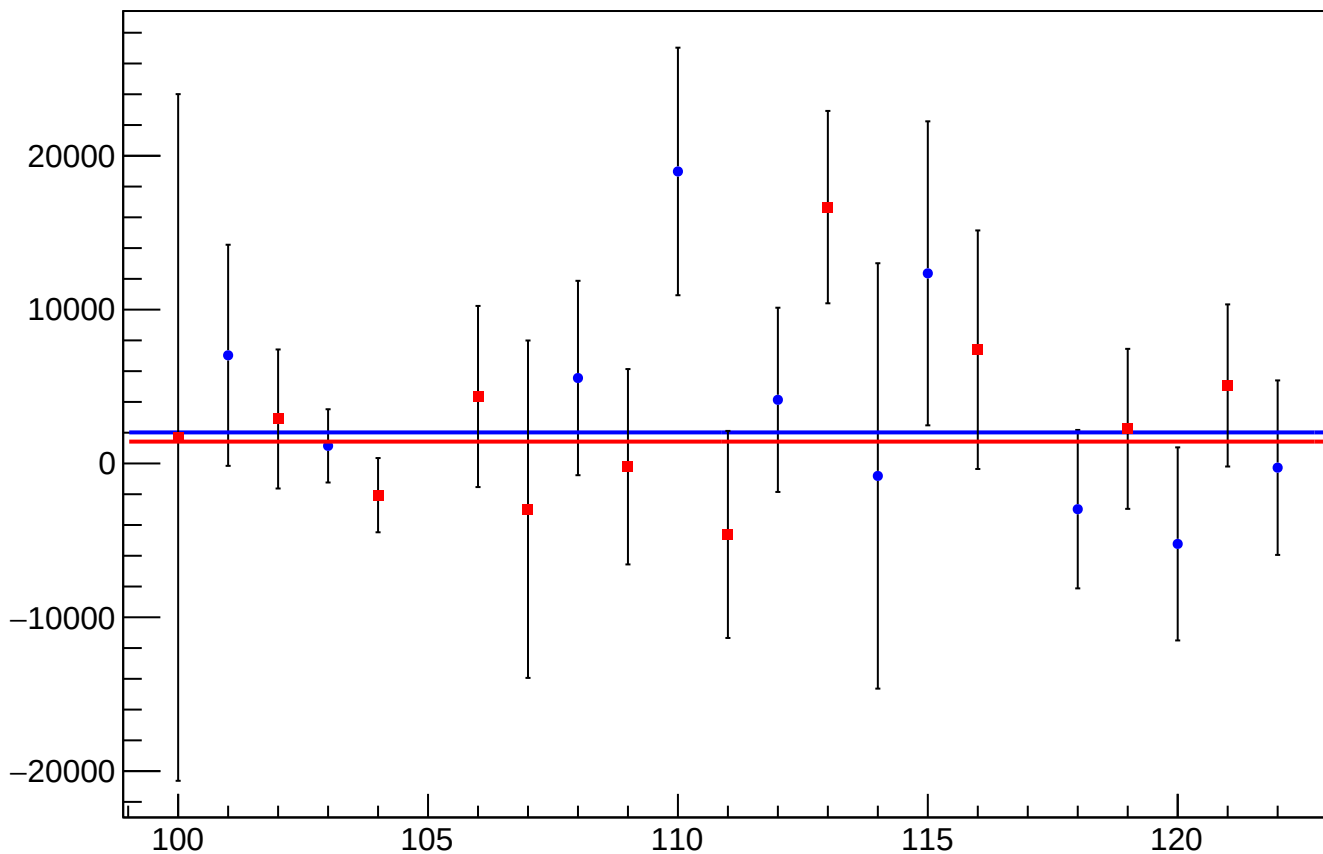
Right: 2929.630+/-0.746 χ^2/NDF : 1653613.1/20

In: 3274.341+/-1.188 χ^2/NDF : 463619.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2929.630+/-0.746 χ^2/NDF : 1653613.1/20

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: 1420.691+/-1539.418 χ^2/NDF : 10.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

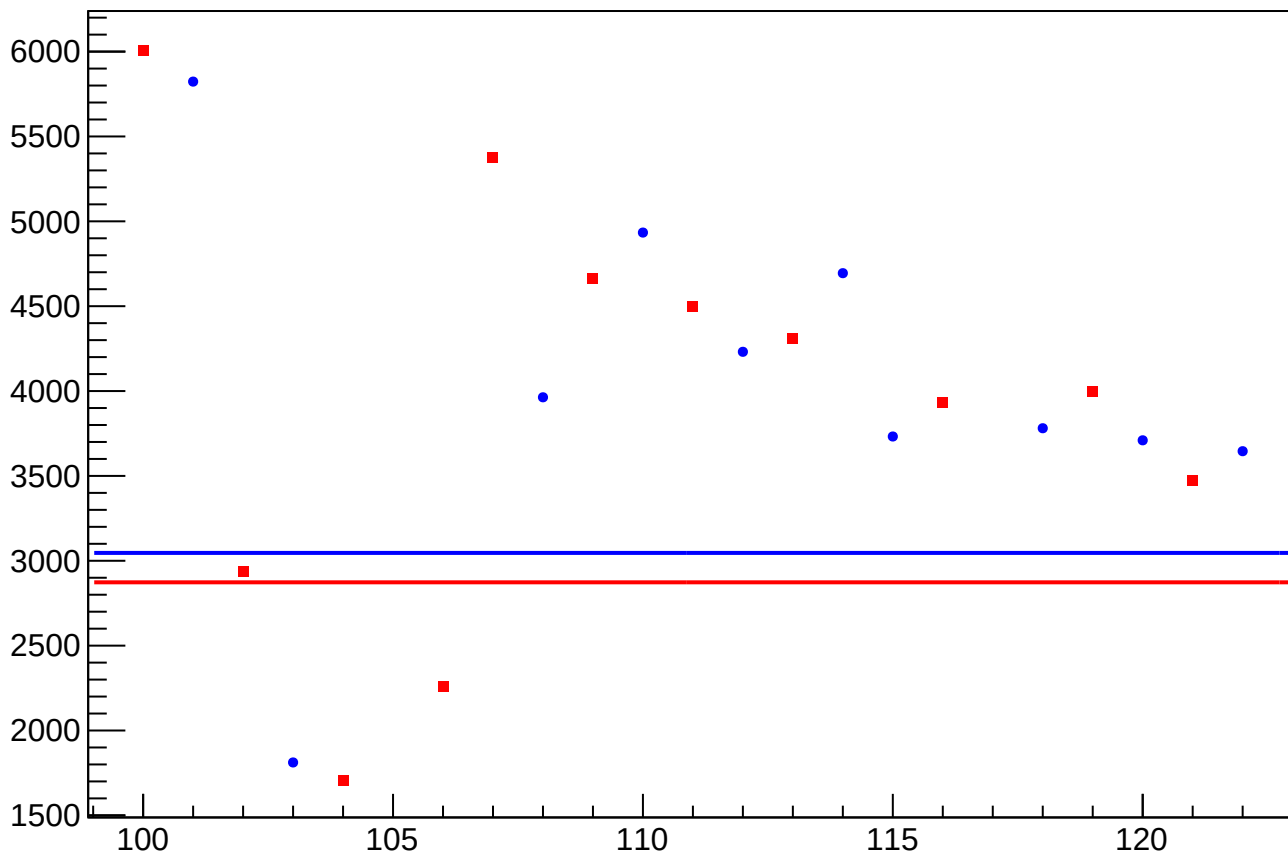
Right: 1701.450+/-1121.028 χ^2/NDF : 19.7/20

In: 2018.428+/-1635.706 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1701.450+/-1121.028 χ^2/NDF : 19.7/20

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: 2873.061+/-1.069 χ^2/NDF : 1183604.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

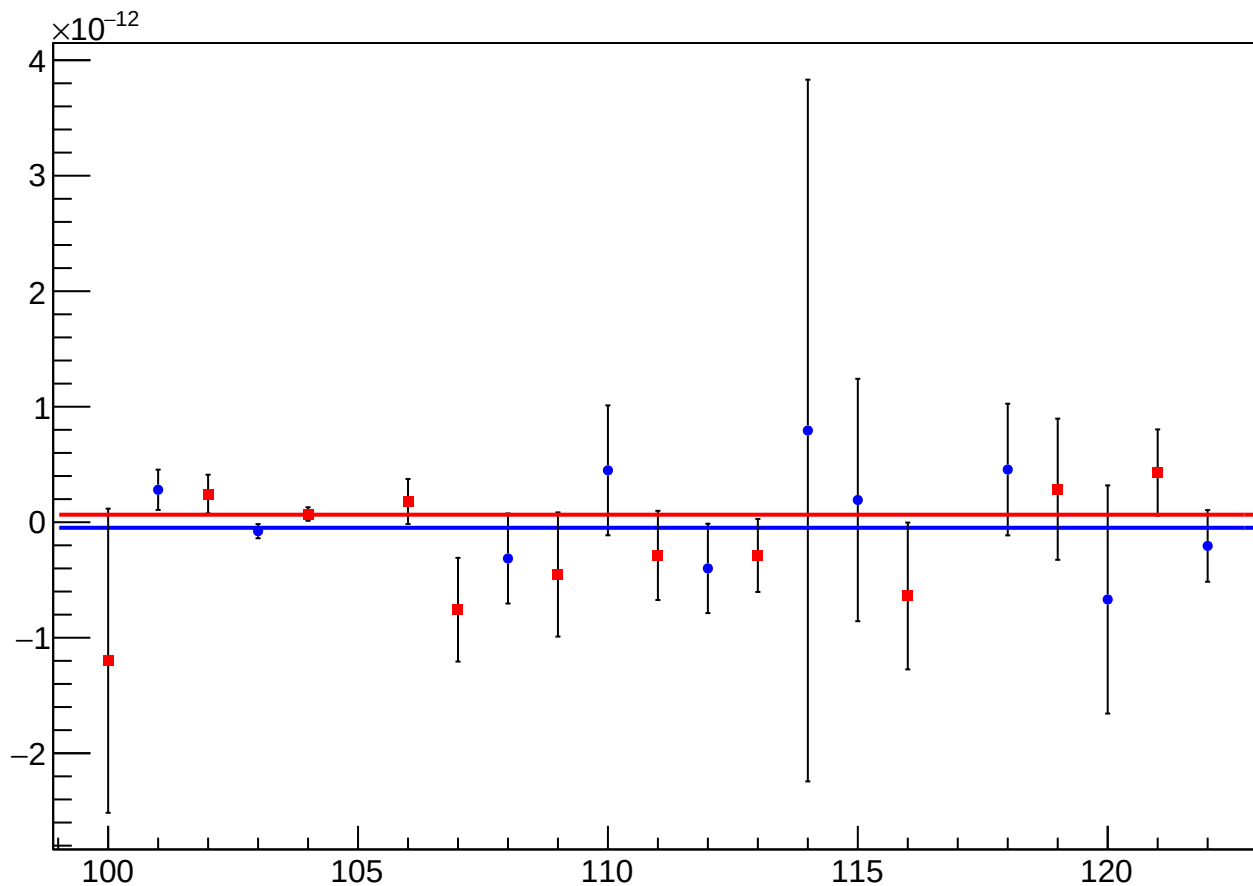
Right: 2952.896+/-0.785 χ^2/NDF : 2385851.4/20

In: 3046.362+/-1.157 χ^2/NDF : 1190138.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2952.896+/-0.785 χ^2/NDF : 2385851.4/20

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 : 11.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

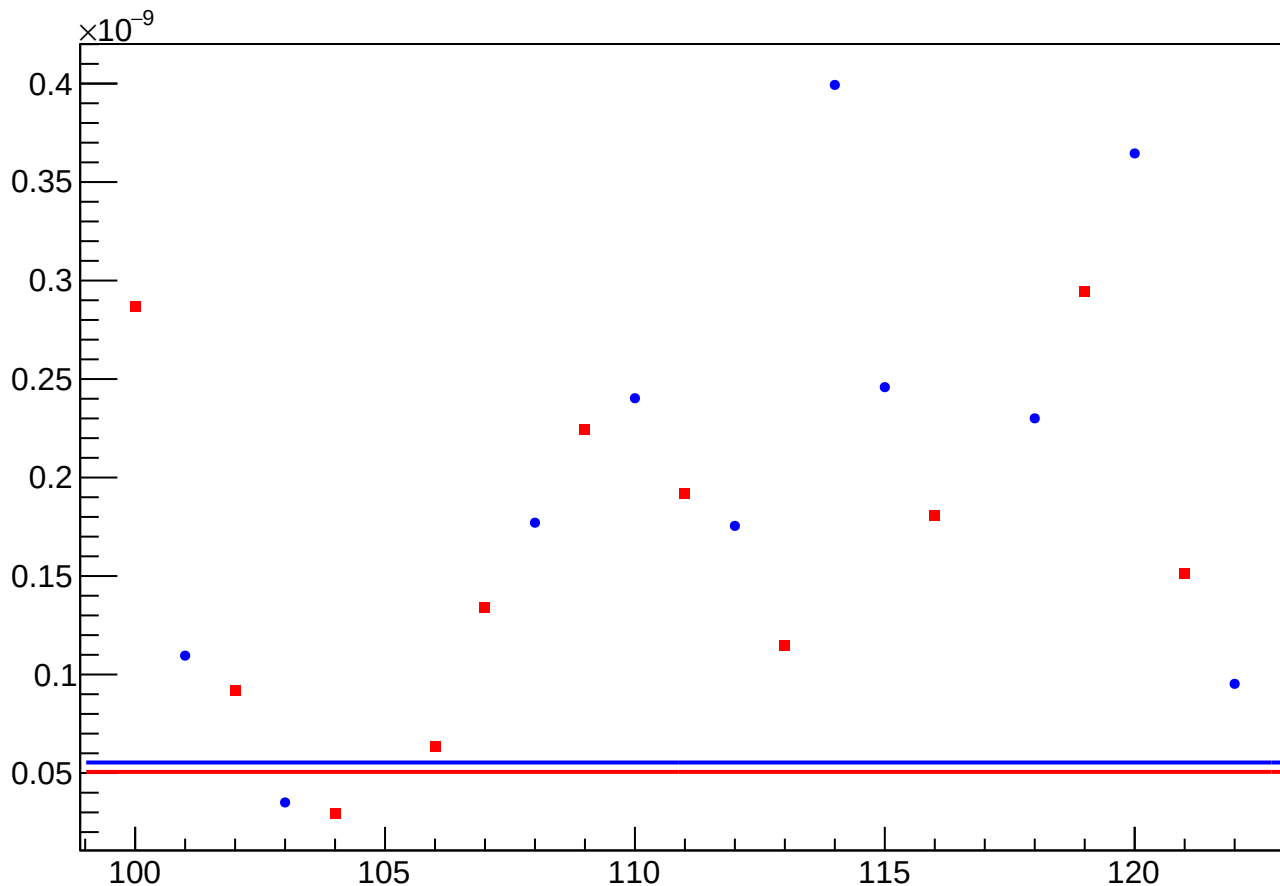
Right: 0.000+/-0.000 χ^2/NDF : 20.8/20

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 : 20.8/20

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 : 1633953.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

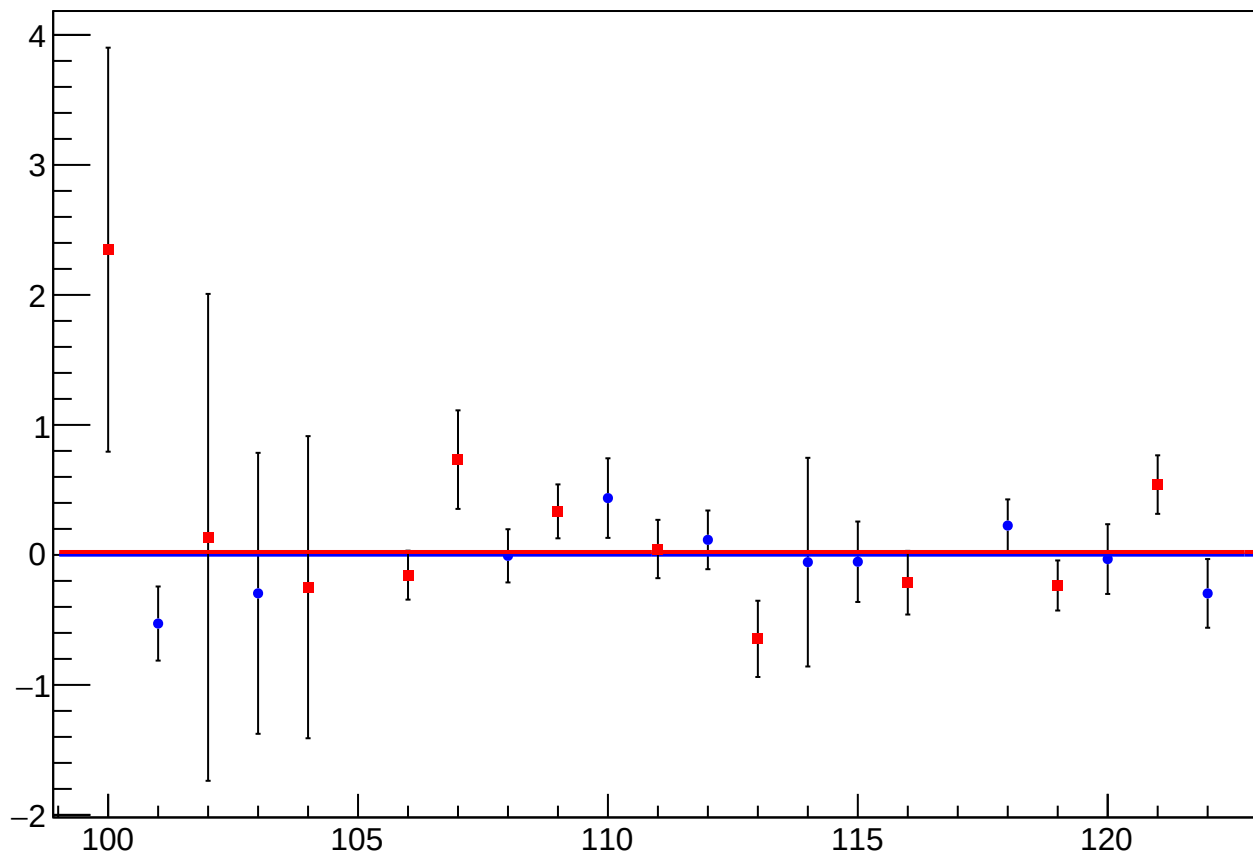
Right: 0.000+/-0.000 χ^2/NDF : 3169714.7/20

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 : 3169714.7/20

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: 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

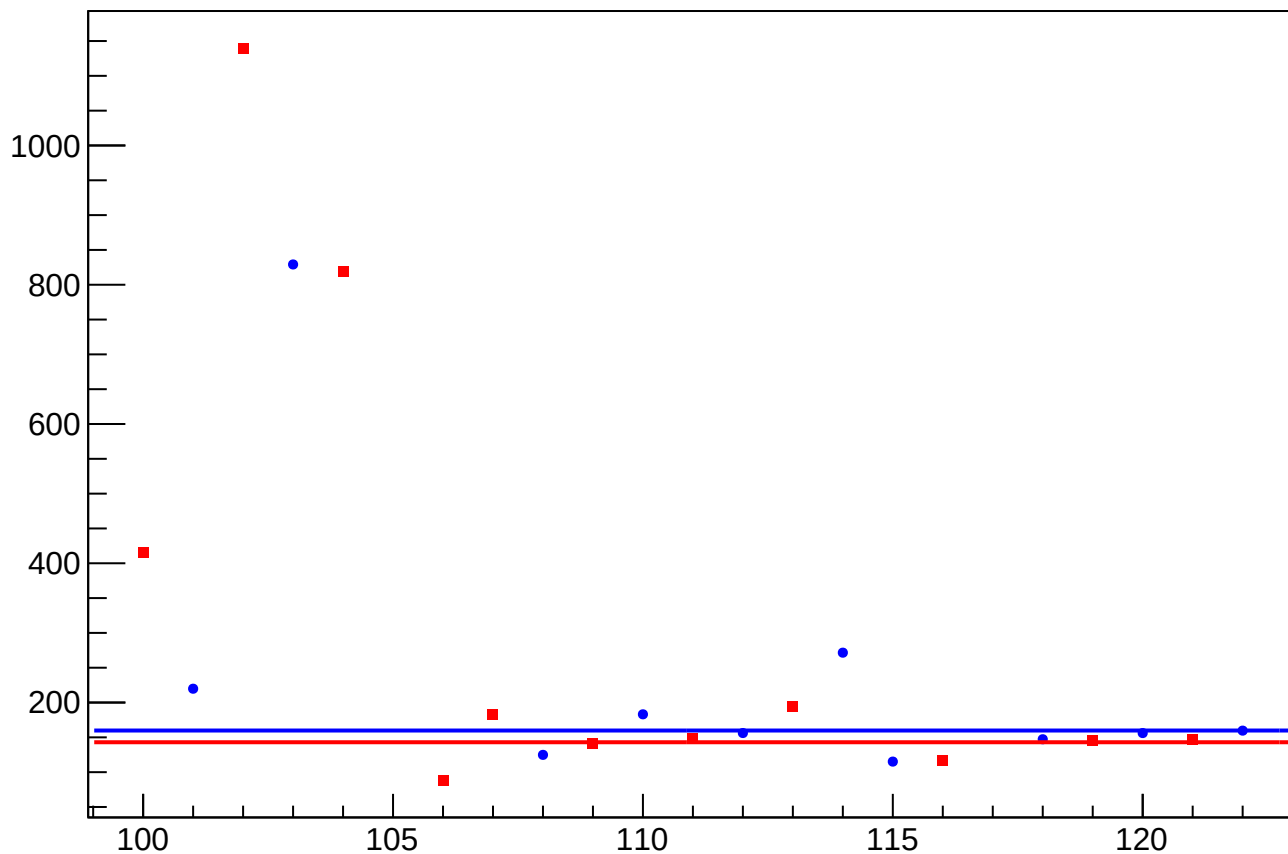
Right: 0.013 $\pm$ 0.059 χ^2 /NDF: 30.6/20

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: 30.6/20

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: 142.969+/-0.057 χ^2/NDF : 1582918.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

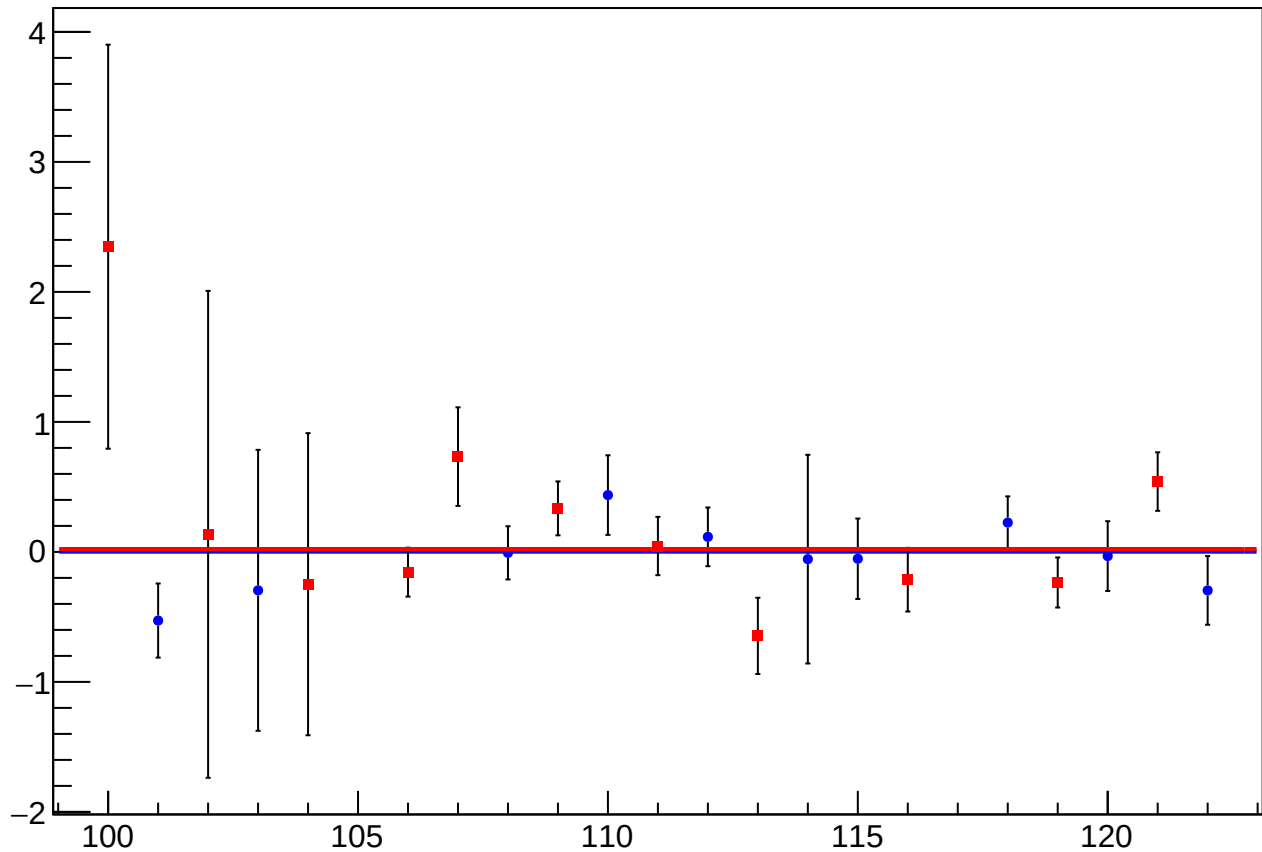
Right: 150.729+/-0.042 χ^2/NDF : 2638360.3/20

In: 159.813+/-0.062 χ^2/NDF : 1014992.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.729+/-0.042 χ^2/NDF : 2638360.3/20

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: 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

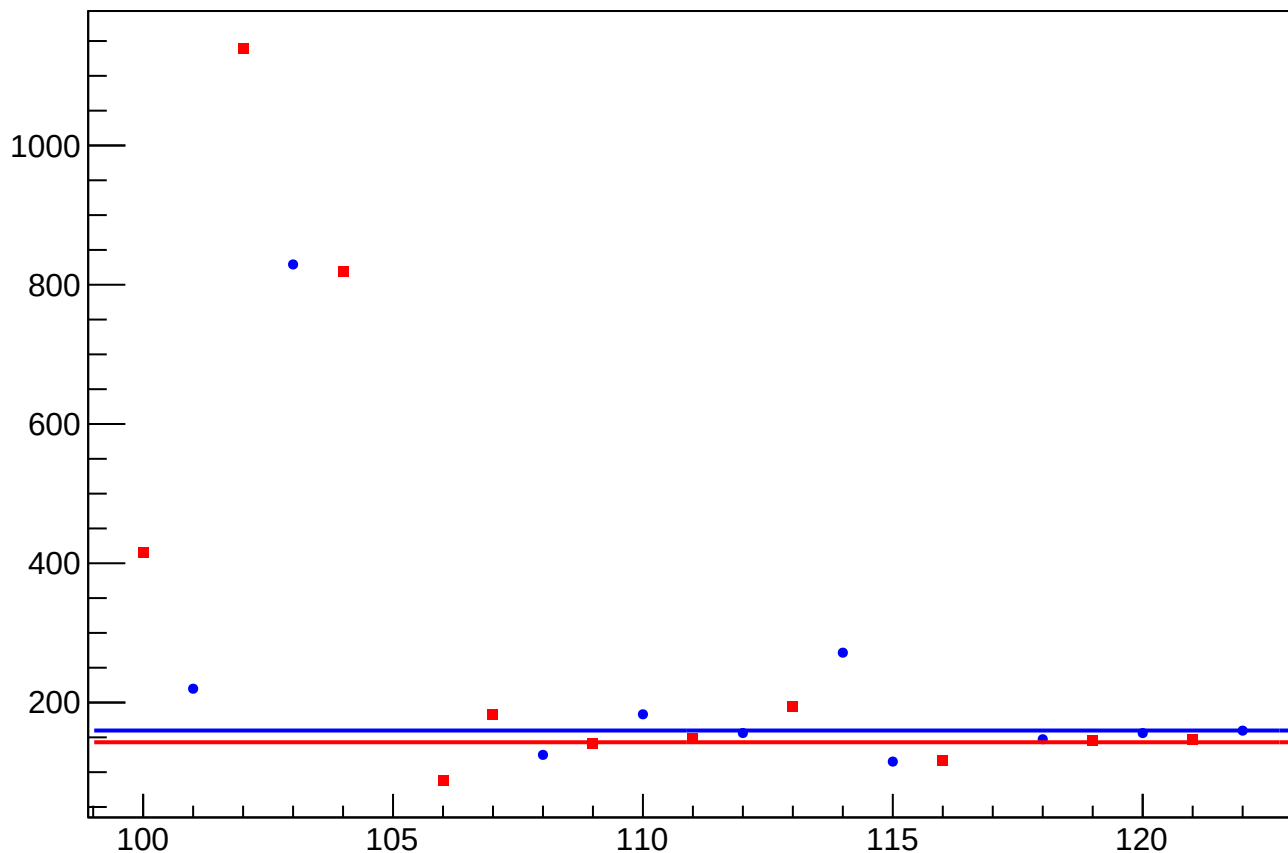
Right: 0.013 $\pm$ 0.059 χ^2 /NDF: 30.6/20

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: 30.6/20

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: 142.969+/-0.057 χ^2/NDF : 1582918.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

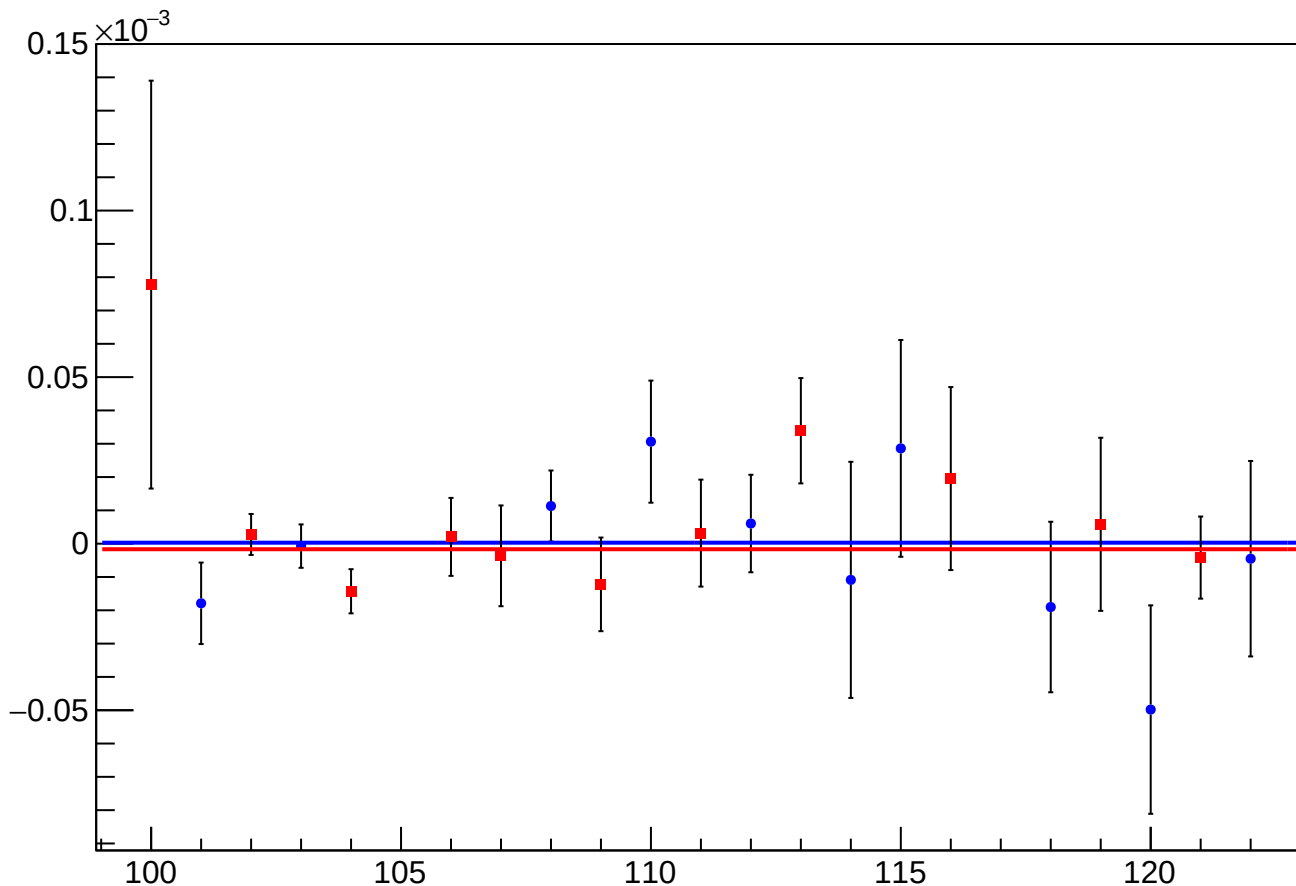
Right: 150.729+/-0.042 χ^2/NDF : 2638360.3/20

In: 159.813+/-0.062 χ^2/NDF : 1014992.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.729+/-0.042 χ^2/NDF : 2638360.3/20

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 : 12.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

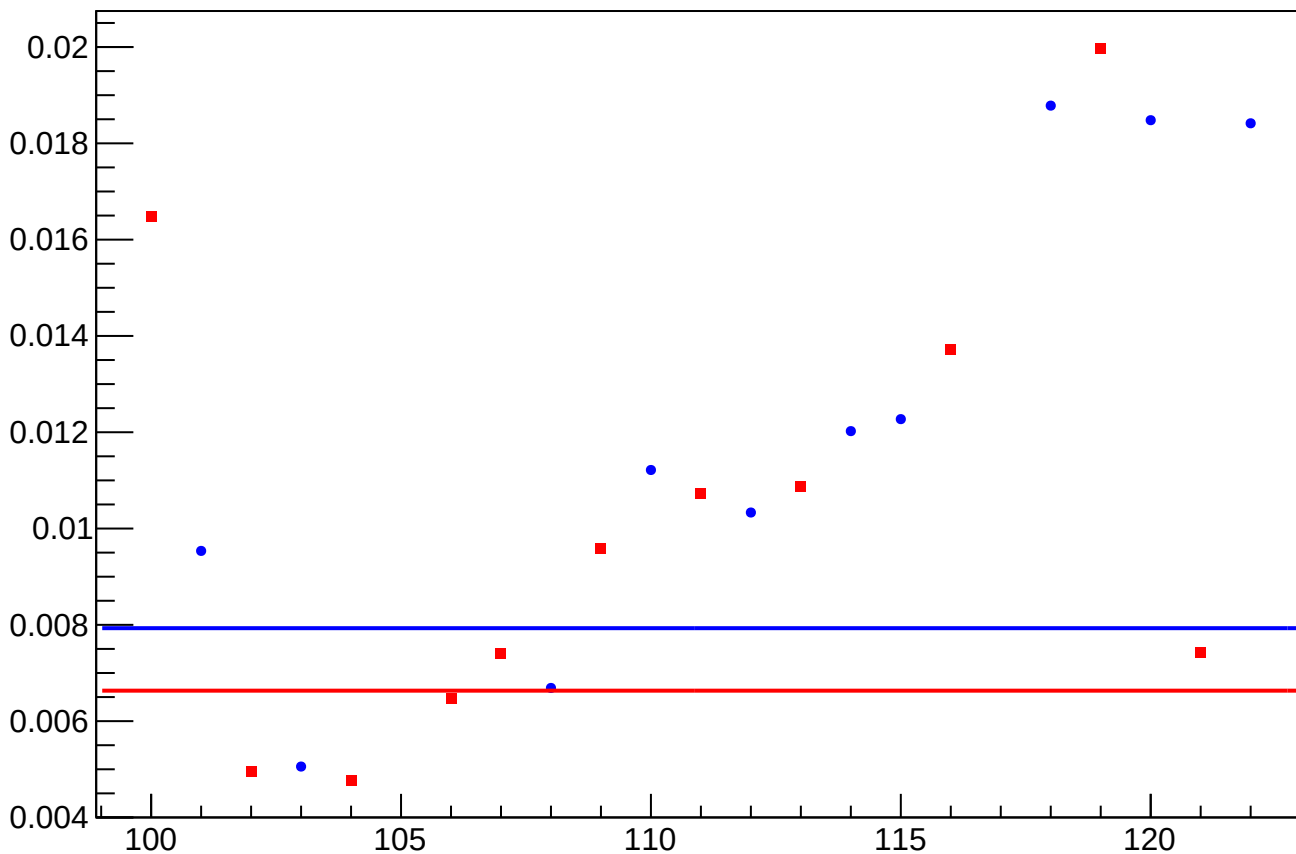
Right: -0.000+/-0.000 χ^2/NDF : 22.7/20

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 : 22.7/20

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 : 1397352.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

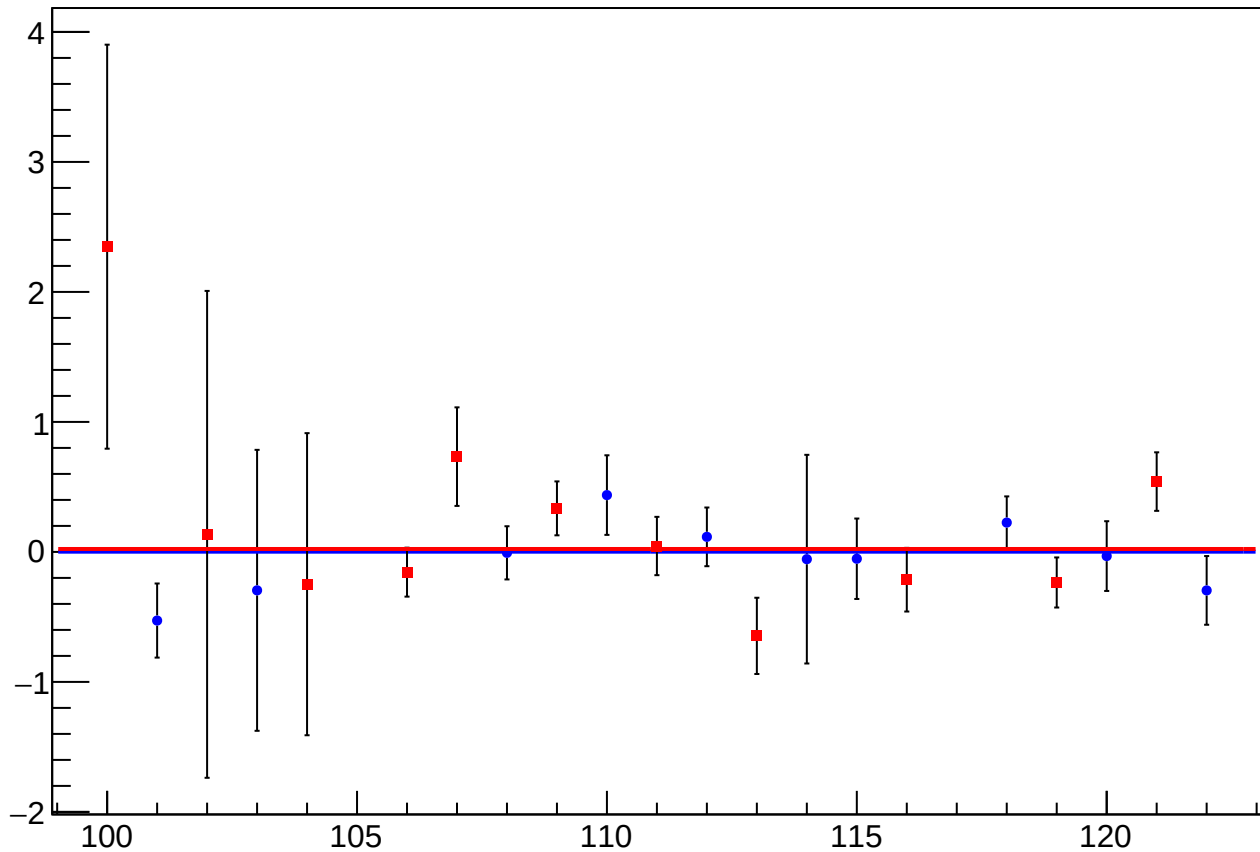
Right: 0.007+/-0.000 χ^2/NDF : 2978740.3/20

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 : 2978740.3/20

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: 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

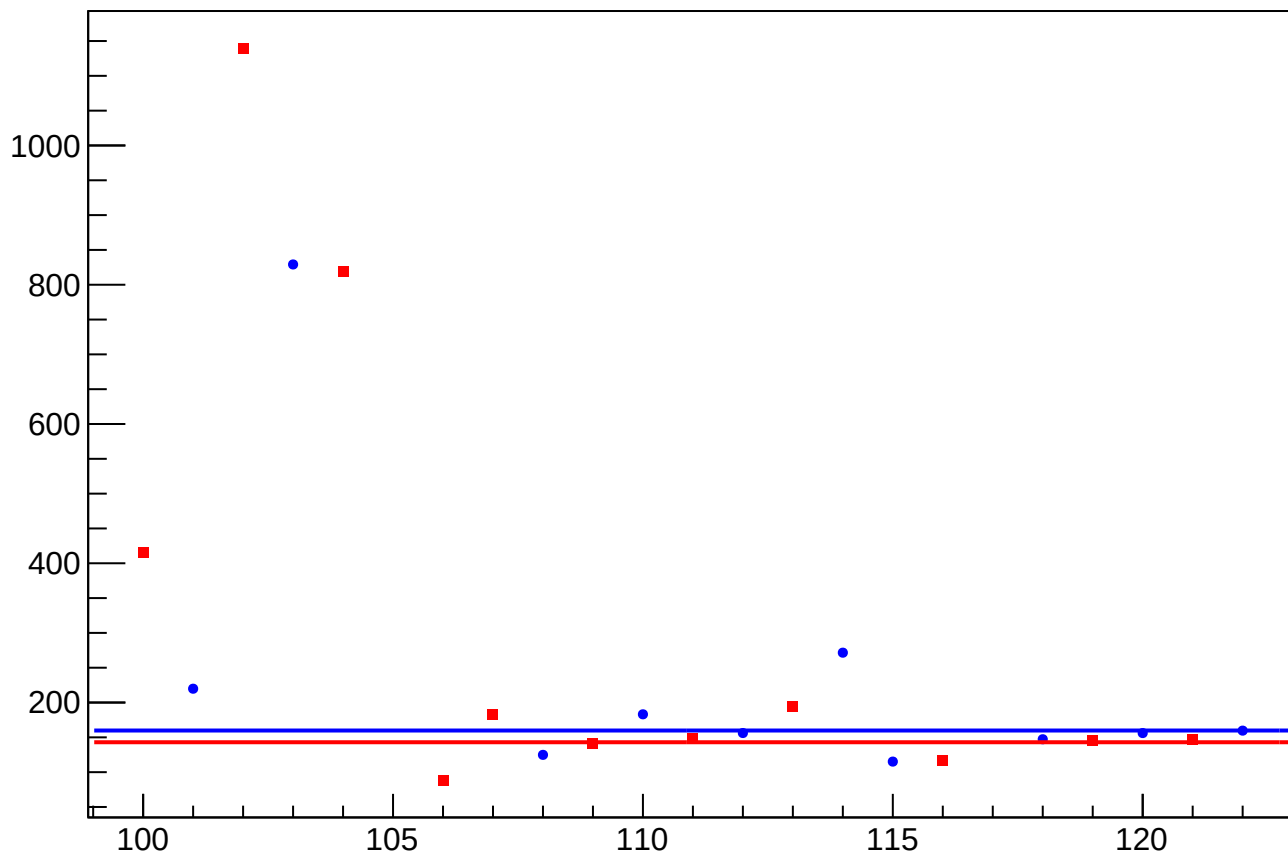
Right: 0.013 $\pm$ 0.059 χ^2 /NDF: 30.6/20

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: 30.6/20

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: 142.969+/-0.057 χ^2/NDF : 1582921.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

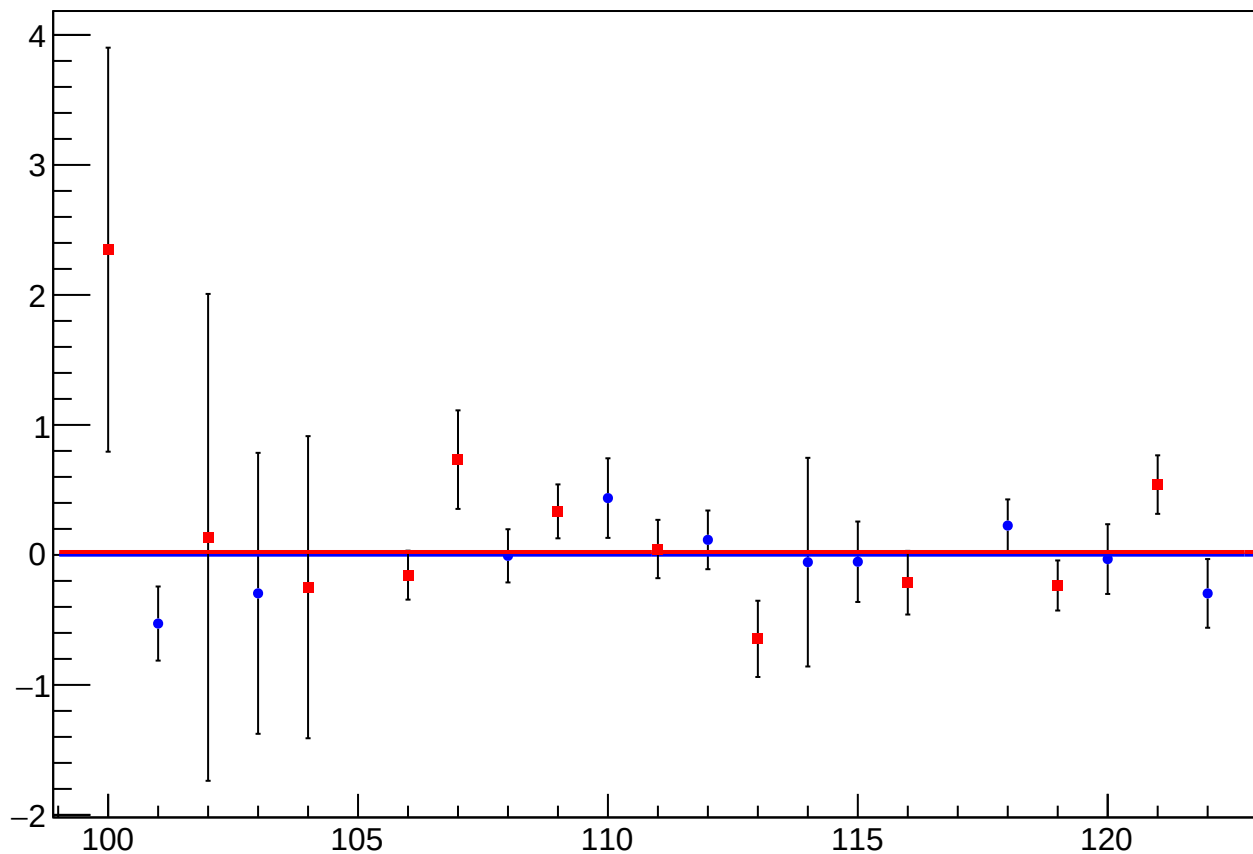
Right: 150.729+/-0.042 χ^2/NDF : 2638352.8/20

In: 159.813+/-0.062 χ^2/NDF : 1014980.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.729+/-0.042 χ^2/NDF : 2638352.8/20

asym_atl_avg_atr_avg_avg_eigen_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: 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

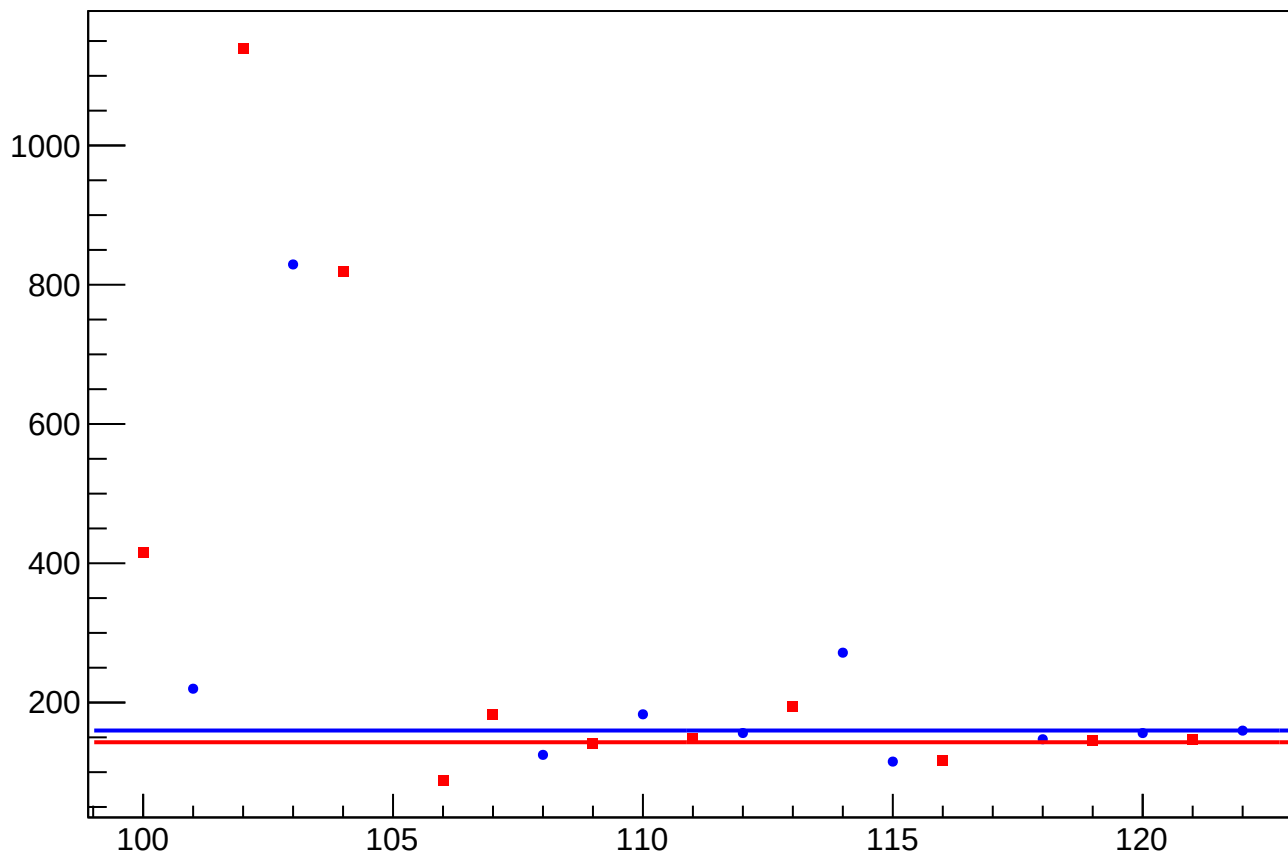
Right: 0.013 $\pm$ 0.059 χ^2 /NDF: 30.6/20

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: 30.6/20

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: 142.969+/-0.057 χ^2/NDF : 1582921.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

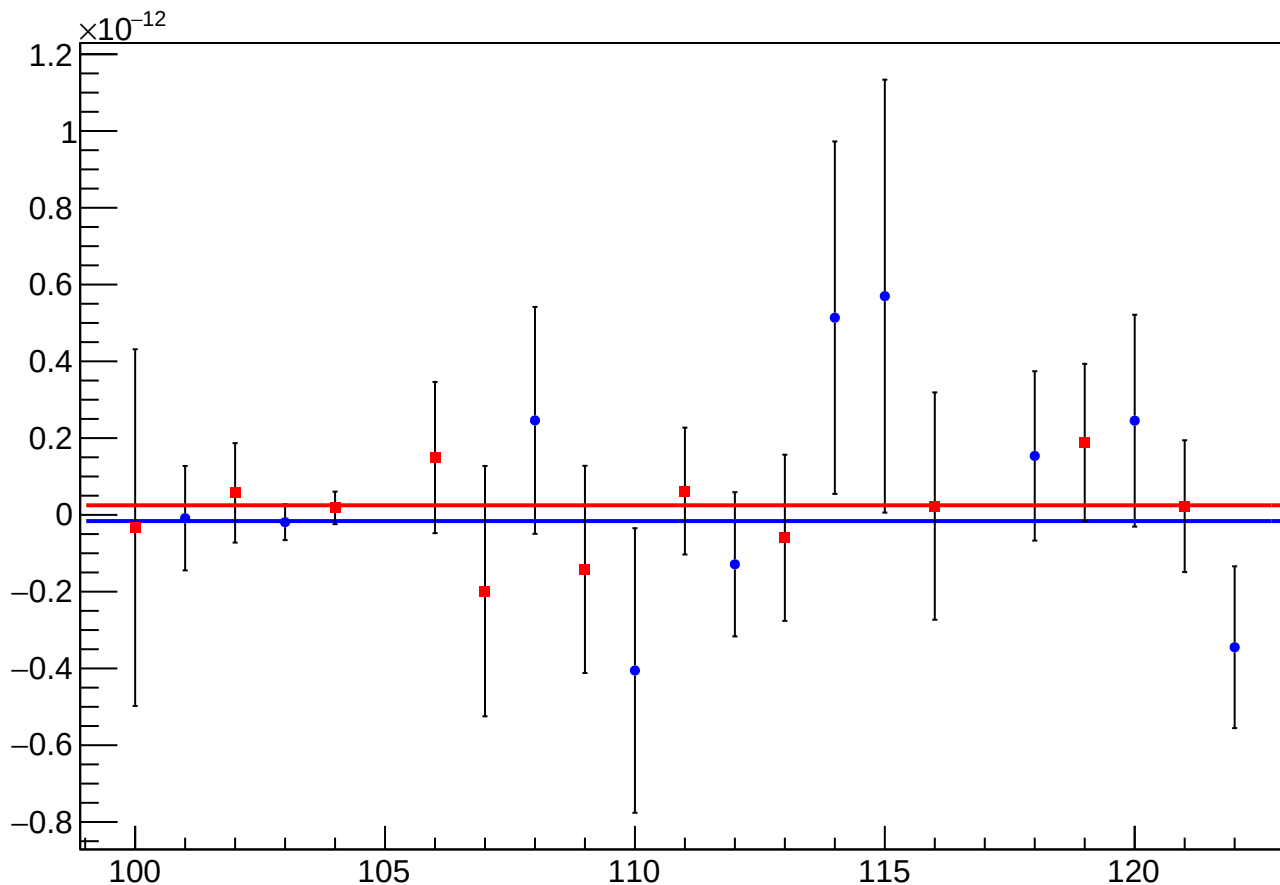
Right: 150.729+/-0.042 χ^2/NDF : 2638352.8/20

In: 159.813+/-0.062 χ^2/NDF : 1014980.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.729+/-0.042 χ^2/NDF : 2638352.8/20

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.6/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

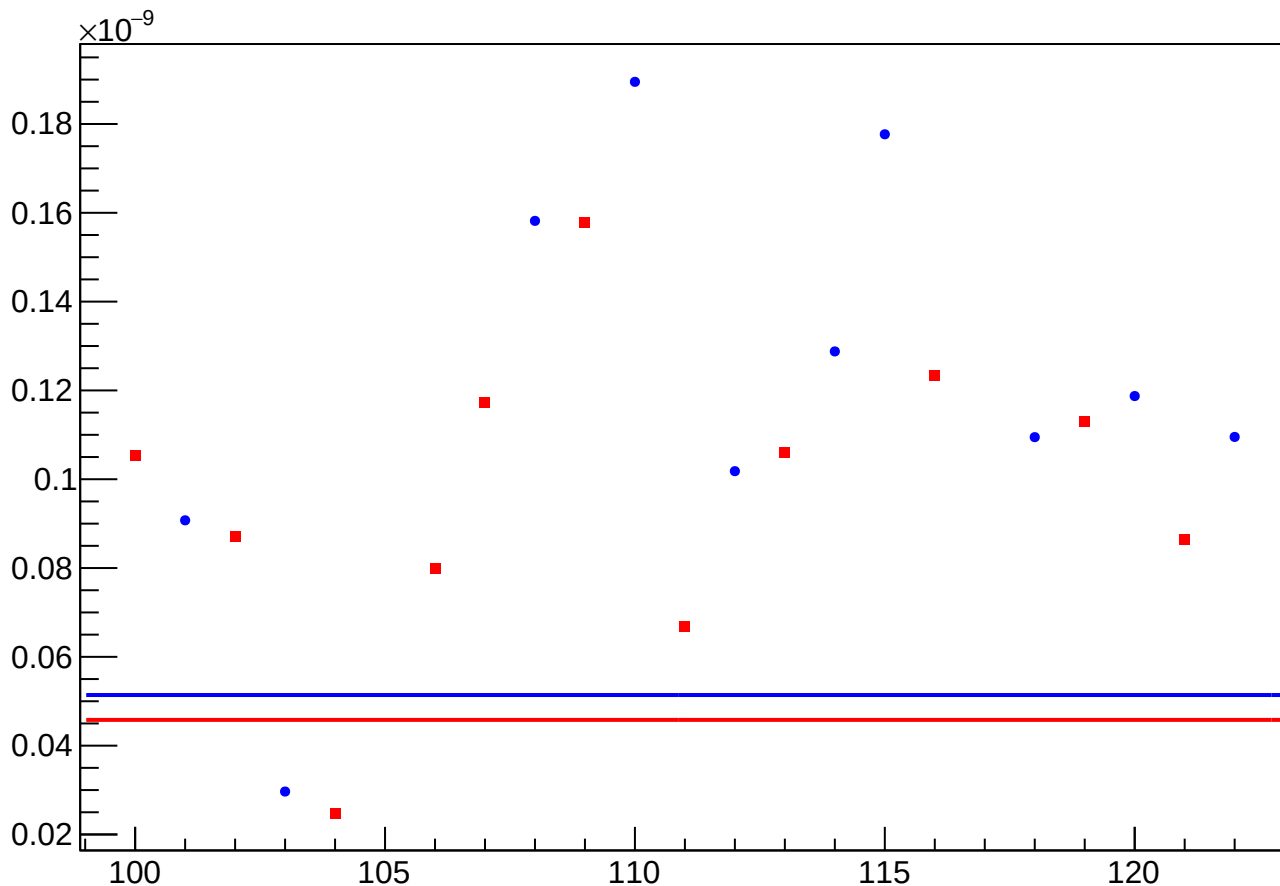
Right: 0.000+/-0.000 χ^2/NDF : 11.4/20

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 : 11.4/20

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 : 1885535.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

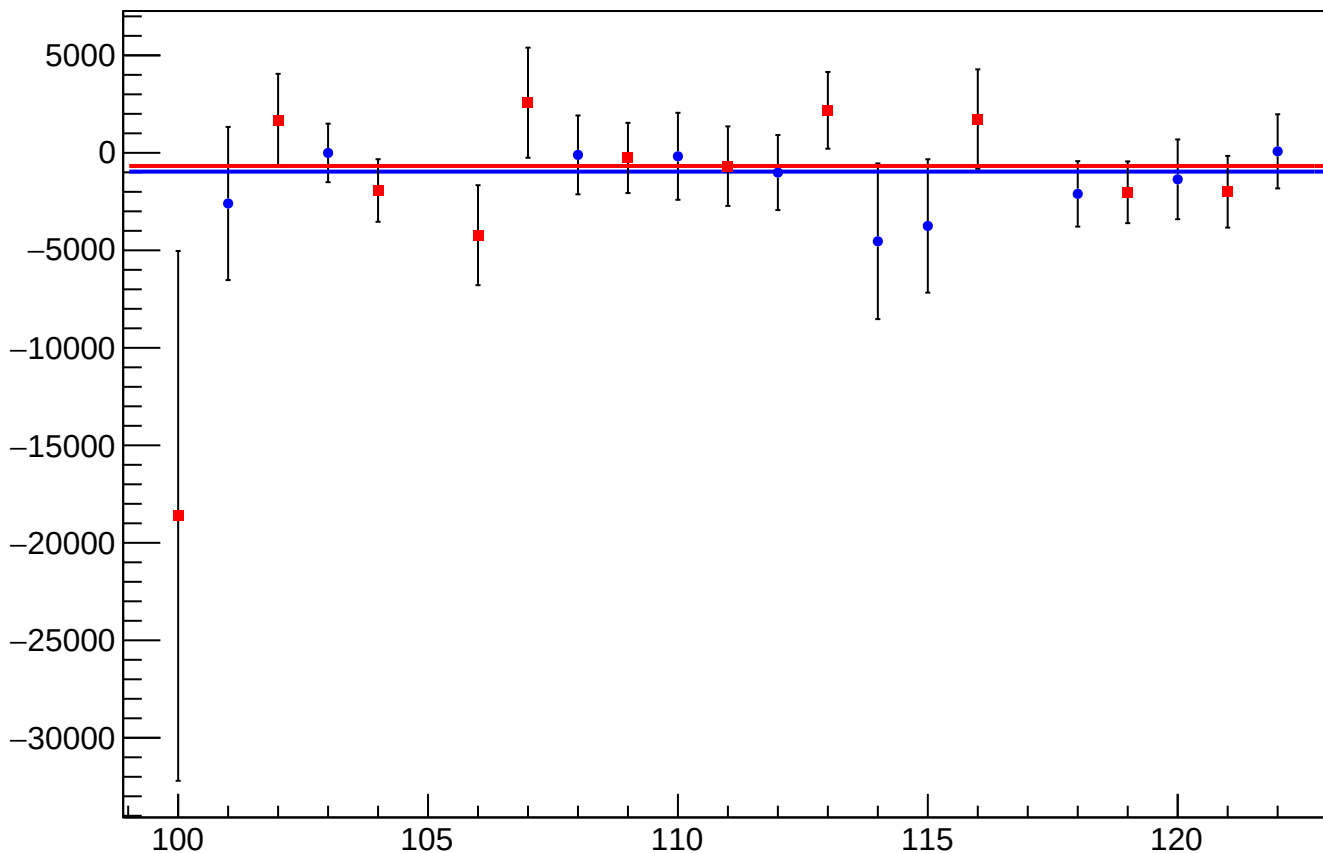
Right: 0.000+/-0.000 χ^2/NDF : 3755873.5/20

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 : 3755873.5/20

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: -673.699+/-631.911 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

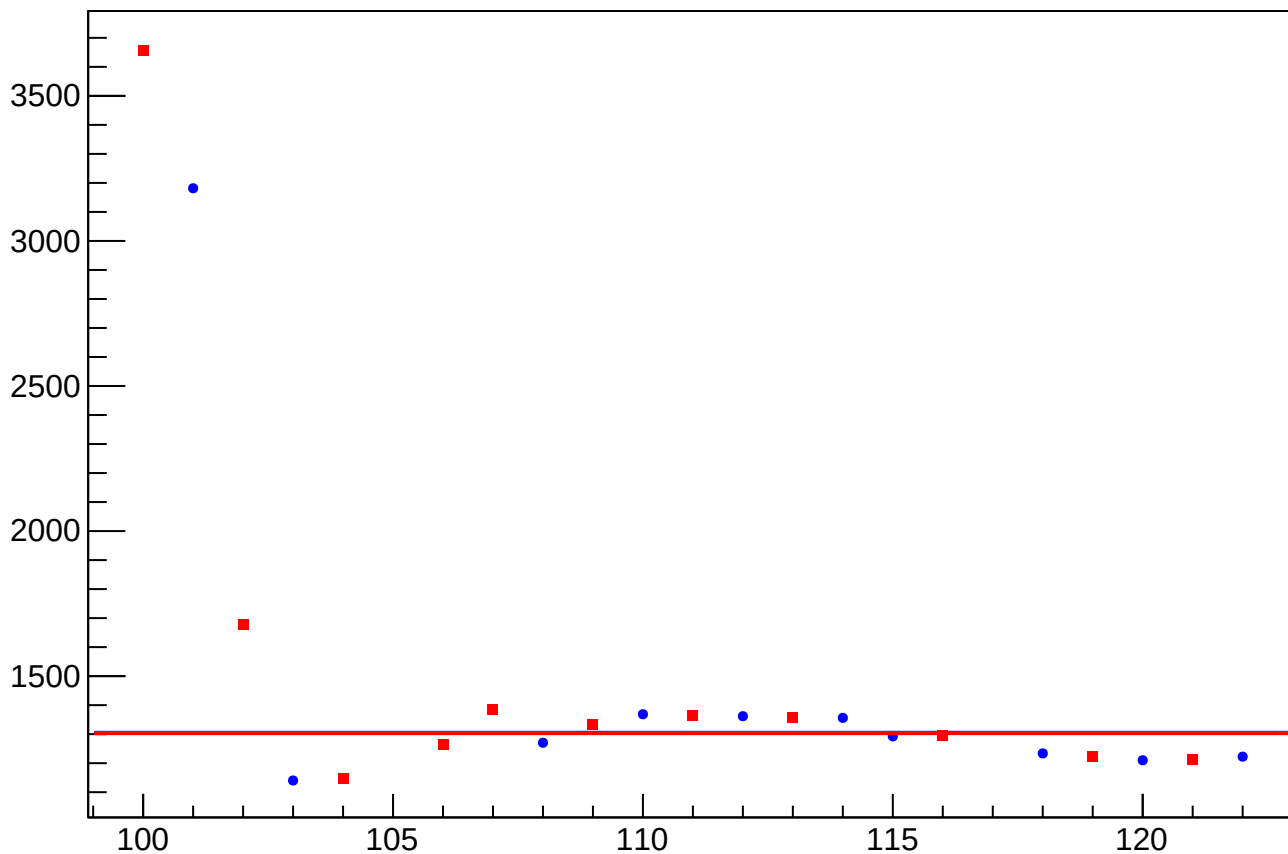
Right: -810.243+/-458.919 χ^2/NDF : 14.1/20

In: -962.633+/-667.575 χ^2/NDF :3.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -810.243+/-458.919 χ^2/NDF : 14.1/20

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: 1303.593+/-0.447 χ^2/NDF : 144035.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

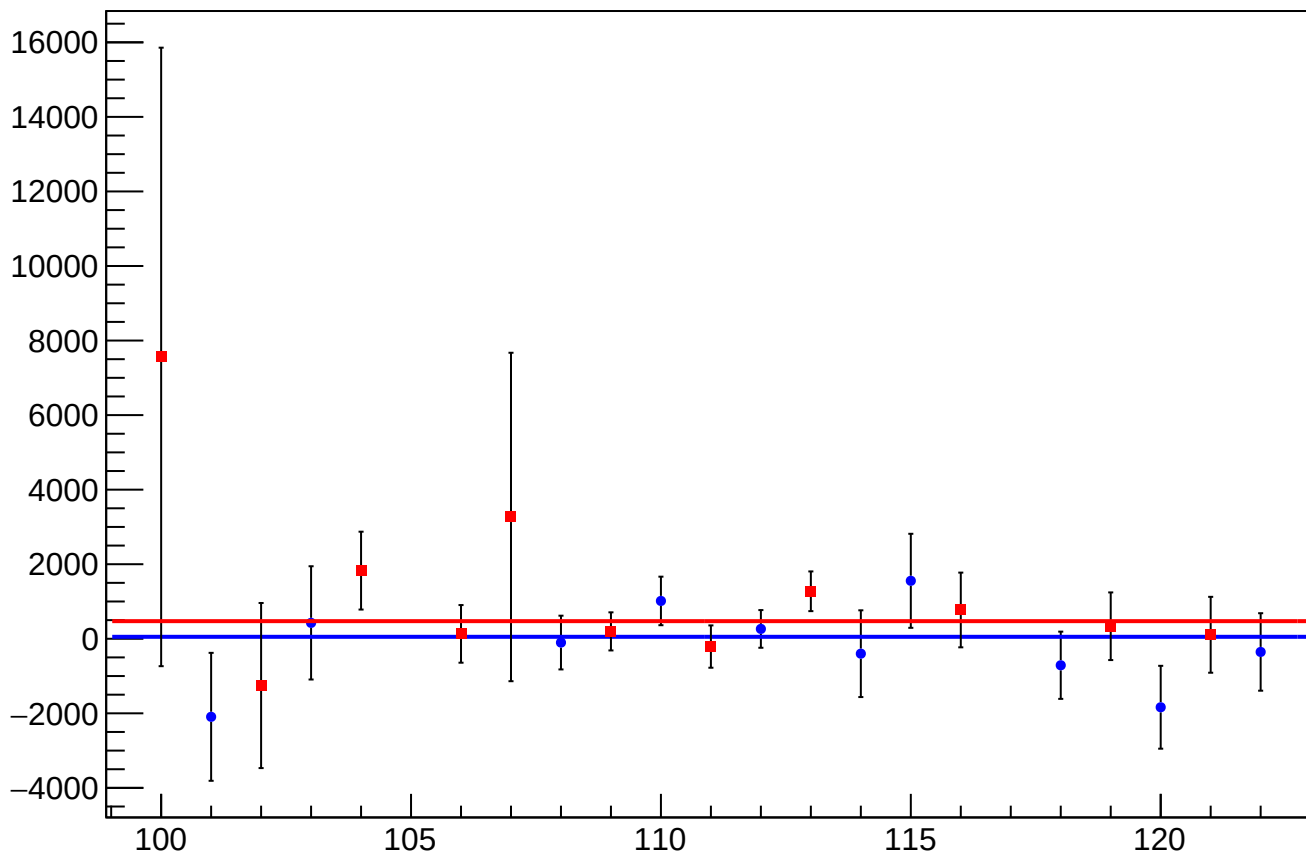
Right: 1304.137+/-0.325 χ^2/NDF : 640460.5/20

In: 1304.745+/-0.472 χ^2/NDF : 496421.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.137+/-0.325 χ^2/NDF : 640460.5/20

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: 472.674+/-246.233 χ^2/NDF : 7.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

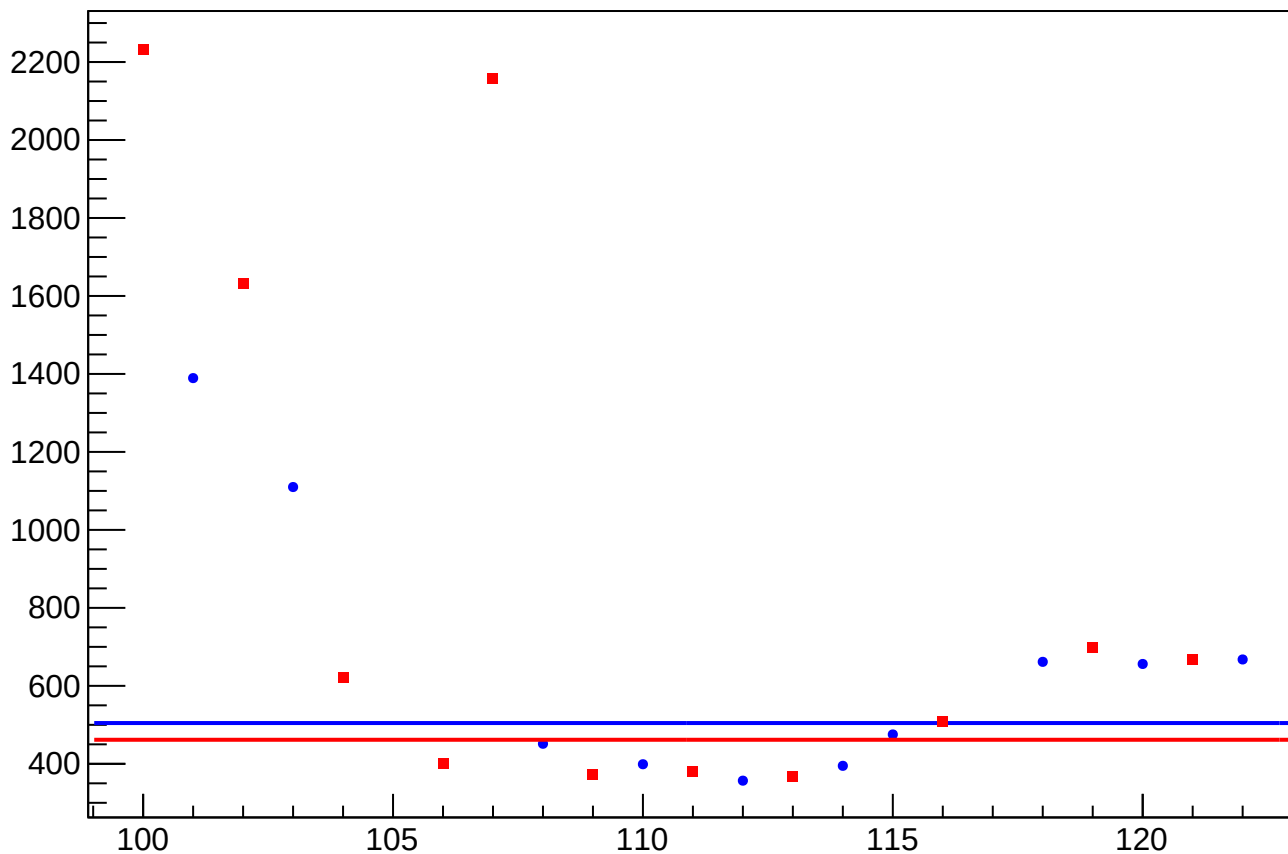
Right: 285.127+/-183.196 χ^2/NDF : 18.5/20

In: 52.611+/-274.168 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.127+/-183.196 χ^2/NDF : 18.5/20

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: 461.702+/-0.174 χ^2/NDF : 1394438.3/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

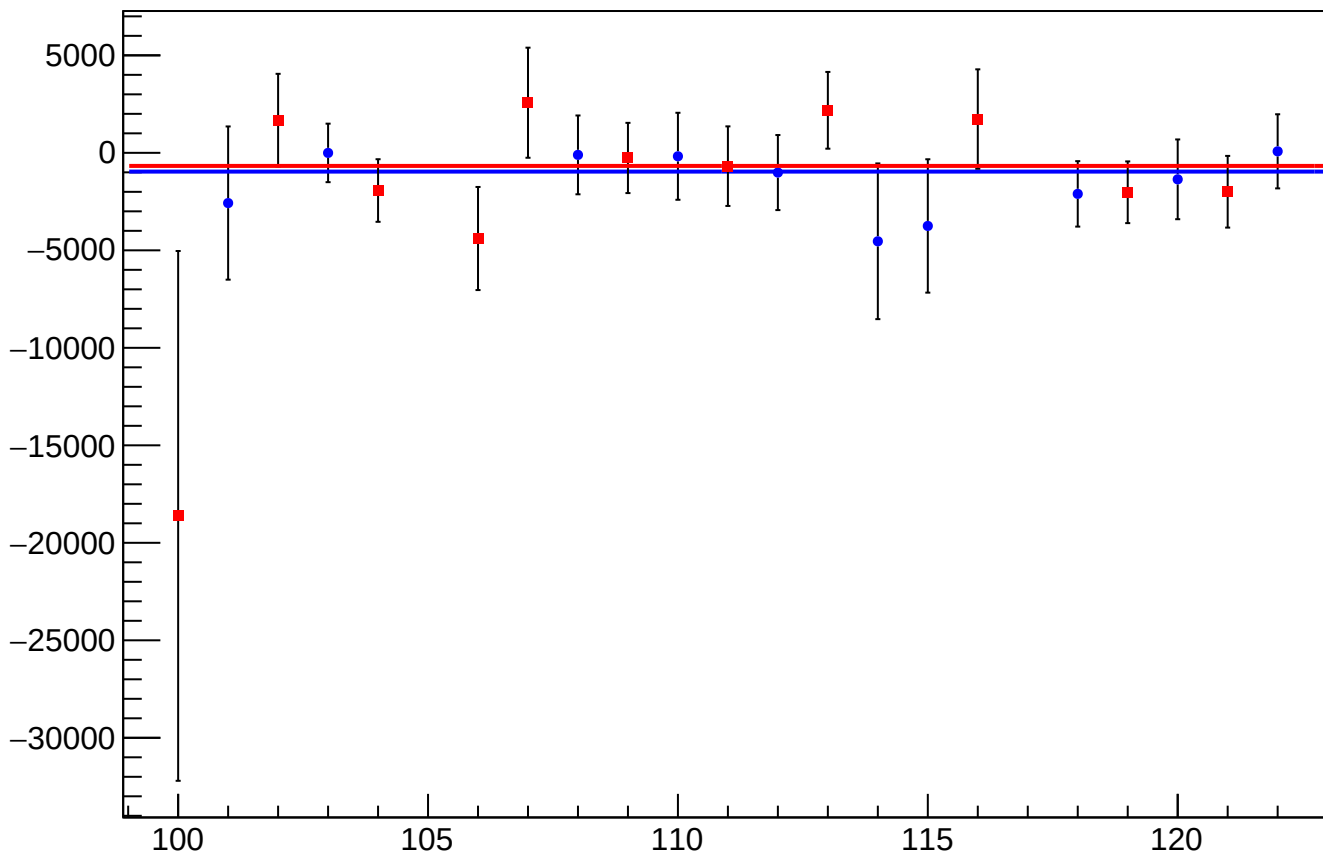
Right: 480.856+/-0.130 χ^2/NDF : 2670929.0/20

In: 504.601+/-0.194 χ^2/NDF : 1249387.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.856+/-0.130 χ^2/NDF : 2670929.0/20

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: -670.508+/-633.063 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

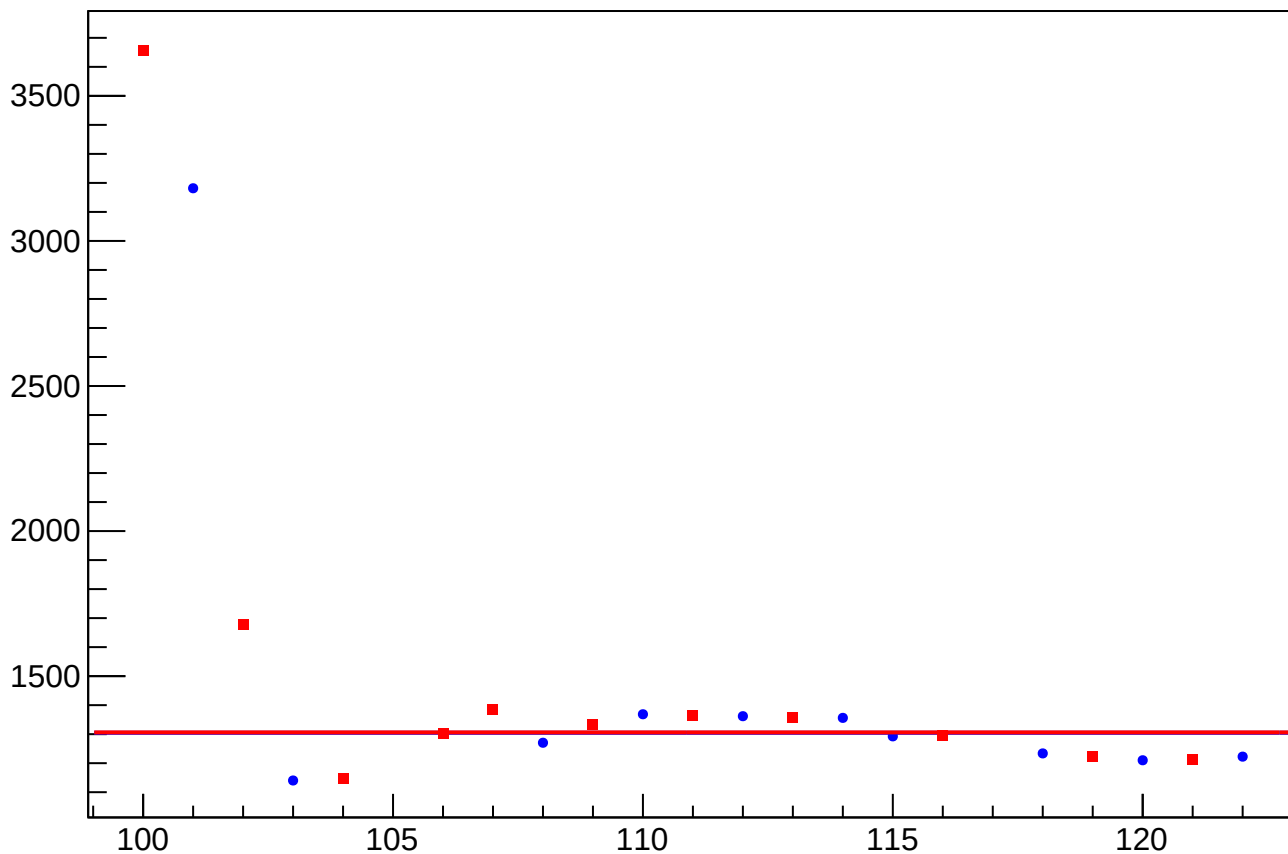
Right: -808.492+/-459.360 χ^2/NDF : 14.2/20

In: -961.931+/-667.575 χ^2/NDF :3.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -808.492+/-459.360 χ^2/NDF : 14.2/20

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: 1306.079+/-0.448 χ^2/NDF : 143505.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

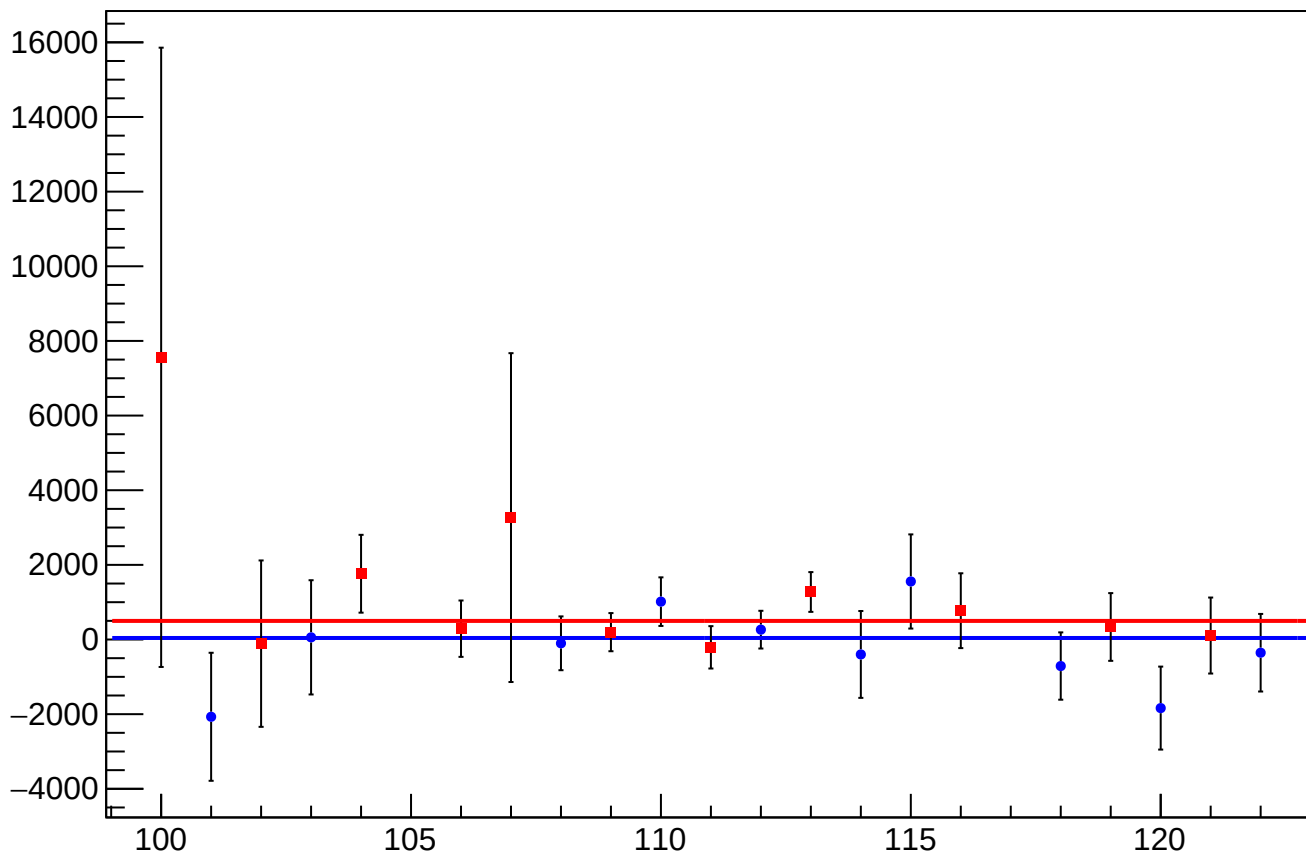
Right: 1305.447+/-0.325 χ^2/NDF : 639932.8/20

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.447+/-0.325 χ^2/NDF : 639932.8/20

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: 498.362+/-245.622 χ^2/NDF : 7.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

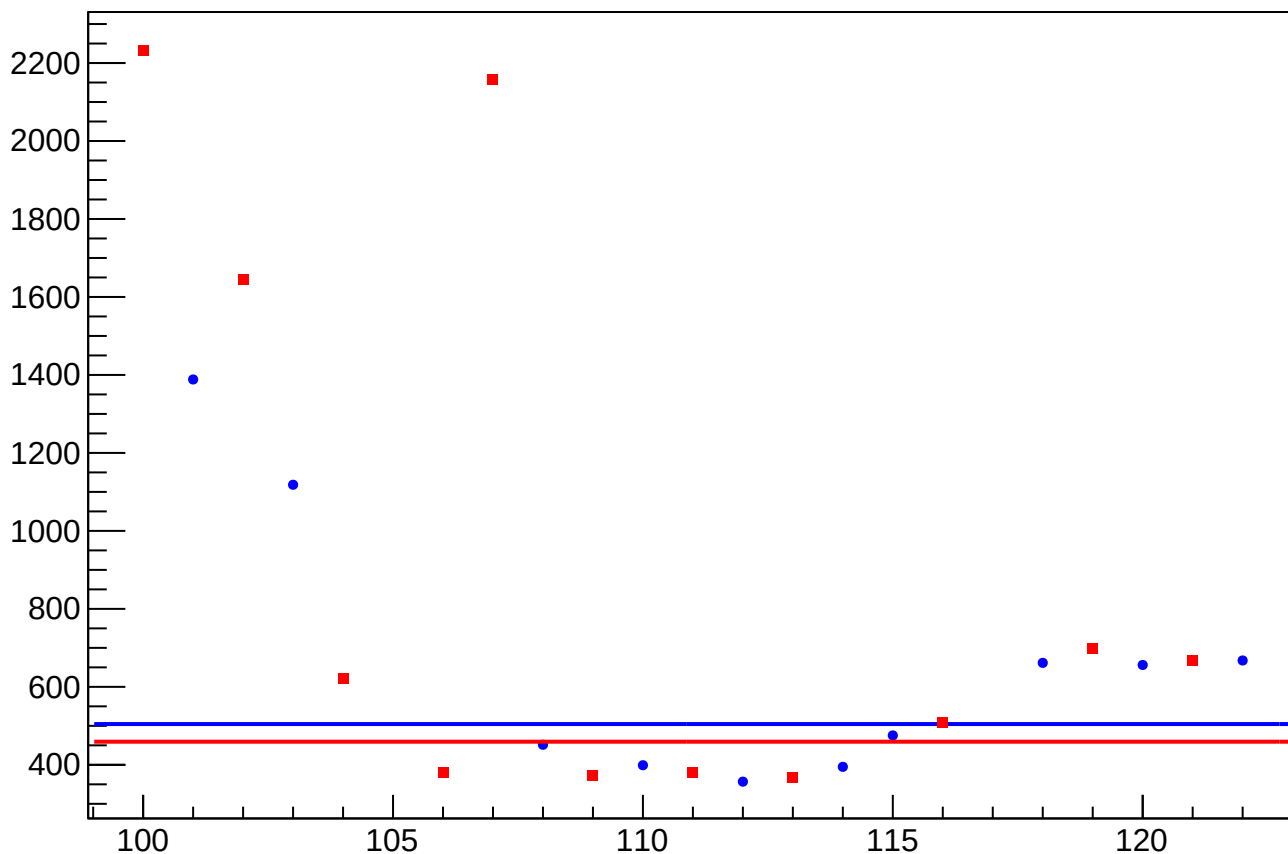
Right: 294.864+/-182.962 χ^2/NDF : 17.8/20

In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.864+/-182.962 χ^2/NDF : 17.8/20

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: 459.320+/-0.174 χ^2/NDF : 1411420.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

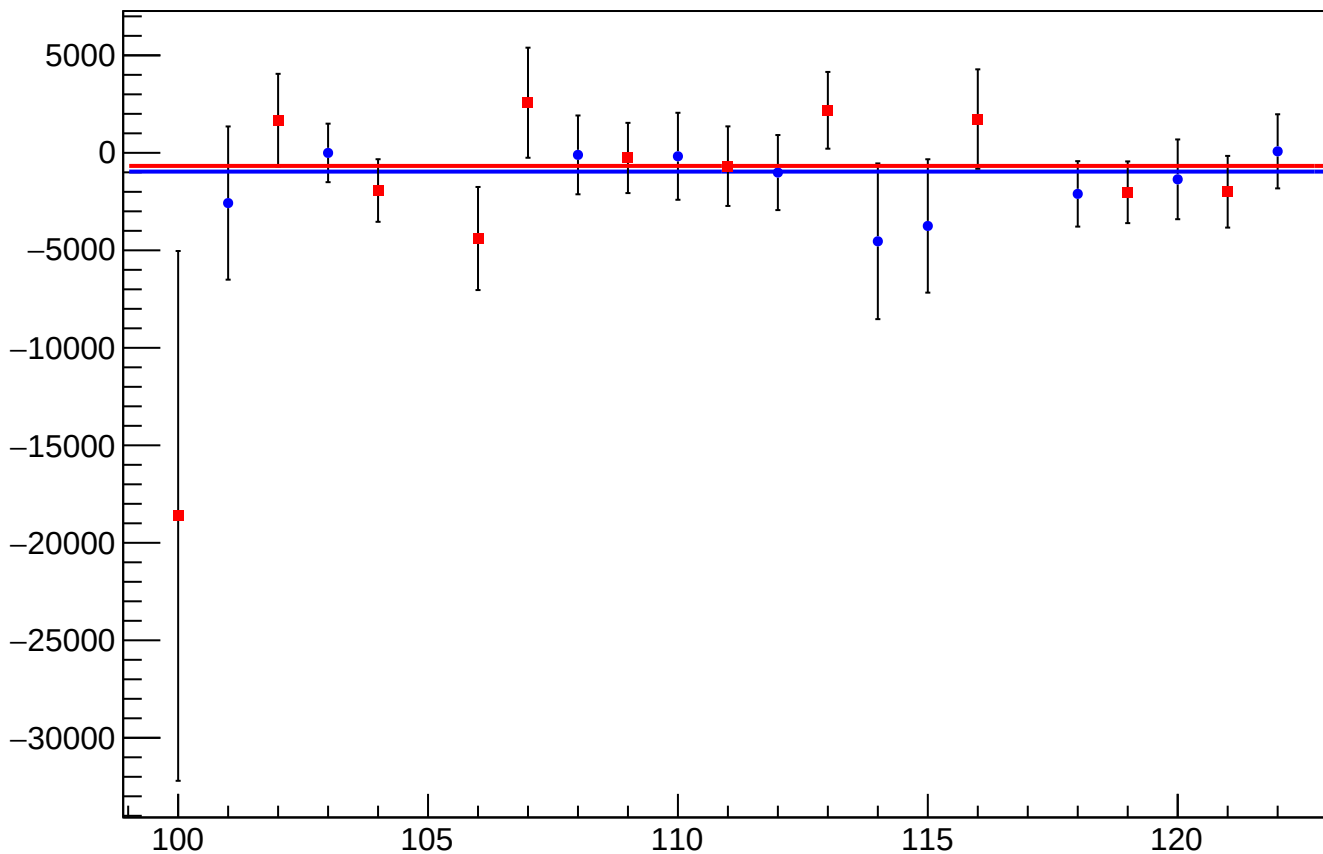
Right: 479.472+/-0.129 χ^2/NDF : 2694710.3/20

In: 504.591+/-0.194 χ^2/NDF :1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 479.472+/-0.129 χ^2/NDF : 2694710.3/20

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: -670.508+/-633.063 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

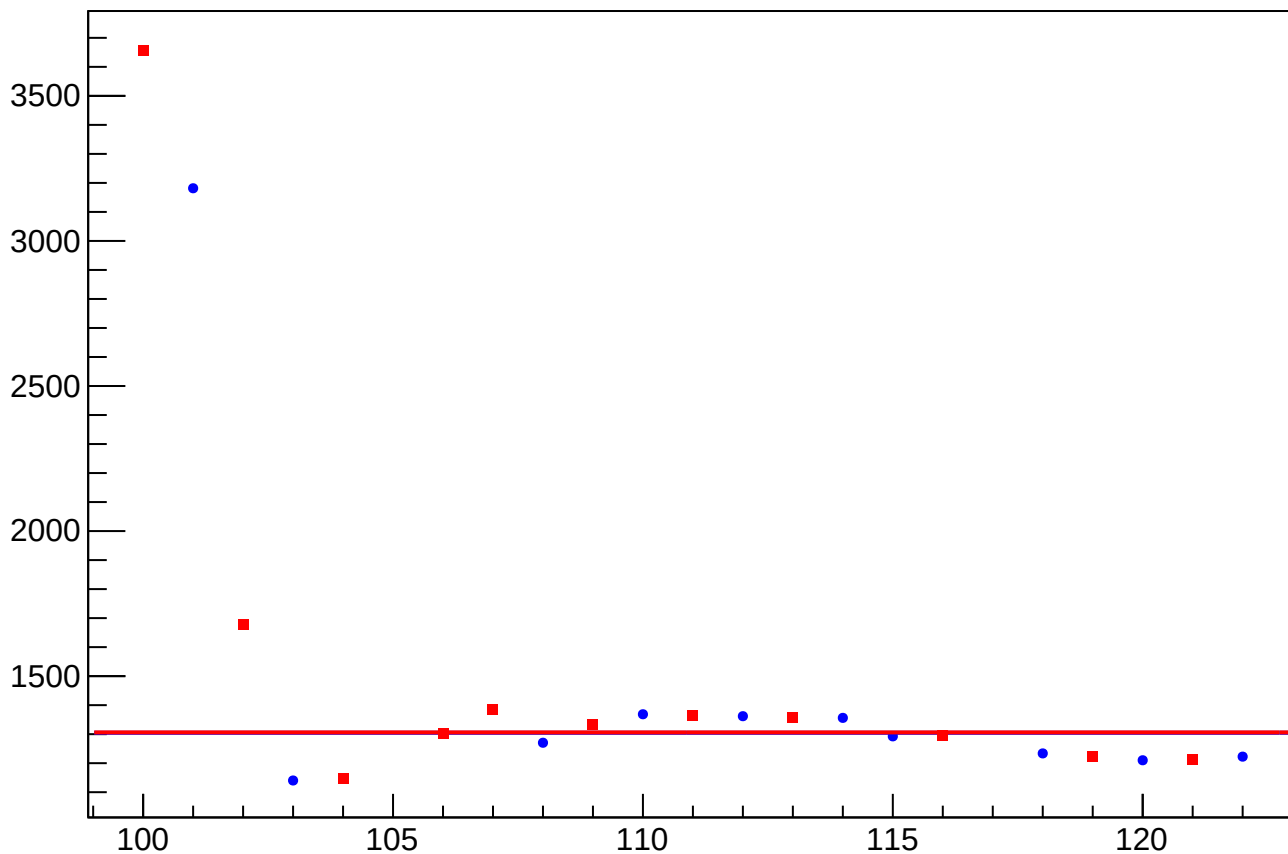
Right: -808.492+/-459.360 χ^2/NDF : 14.2/20

In: -961.931+/-667.575 χ^2/NDF :3.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -808.492+/-459.360 χ^2/NDF : 14.2/20

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: 1306.079+/-0.448 χ^2/NDF : 143505.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

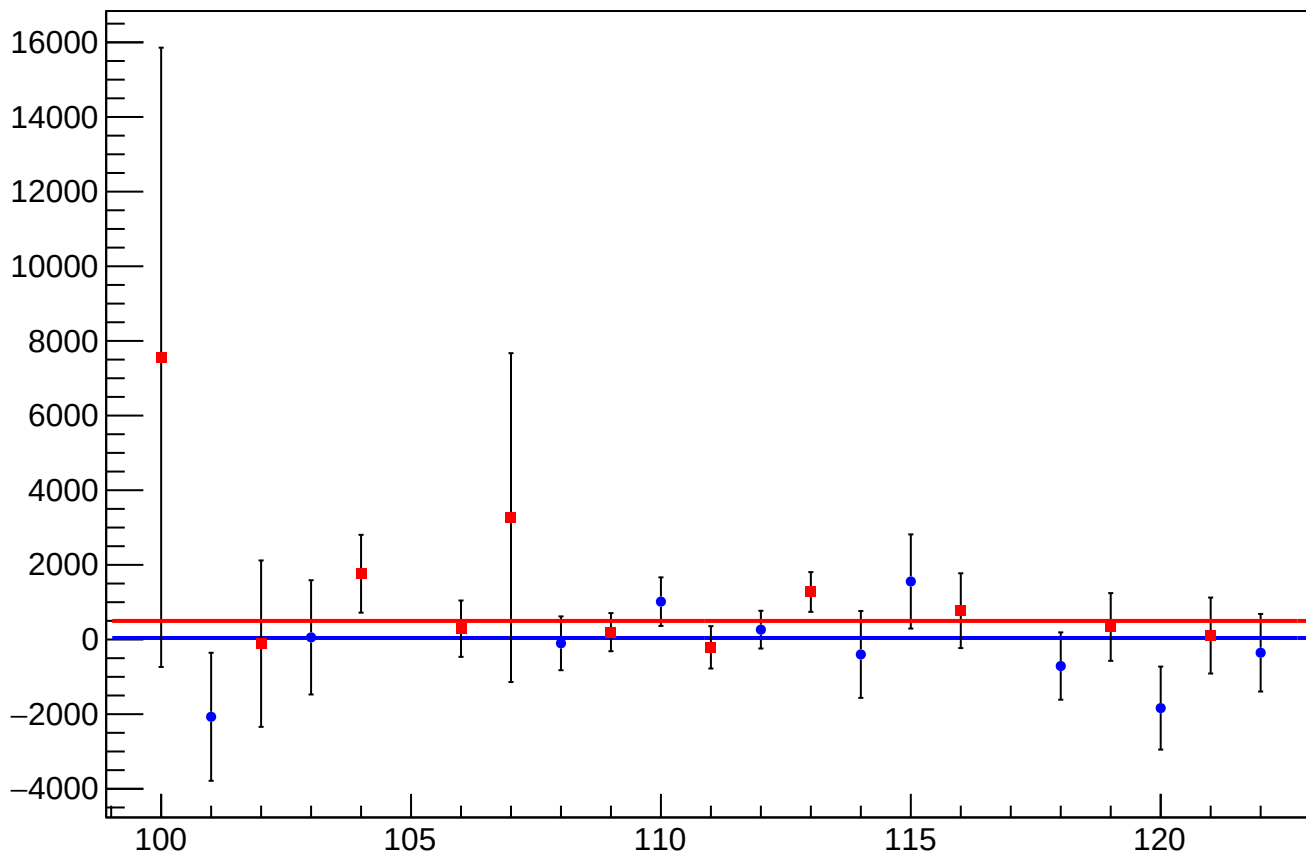
Right: 1305.447+/-0.325 χ^2/NDF : 639932.8/20

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.447+/-0.325 χ^2/NDF : 639932.8/20

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: 498.362+/-245.622 χ^2/NDF : 7.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

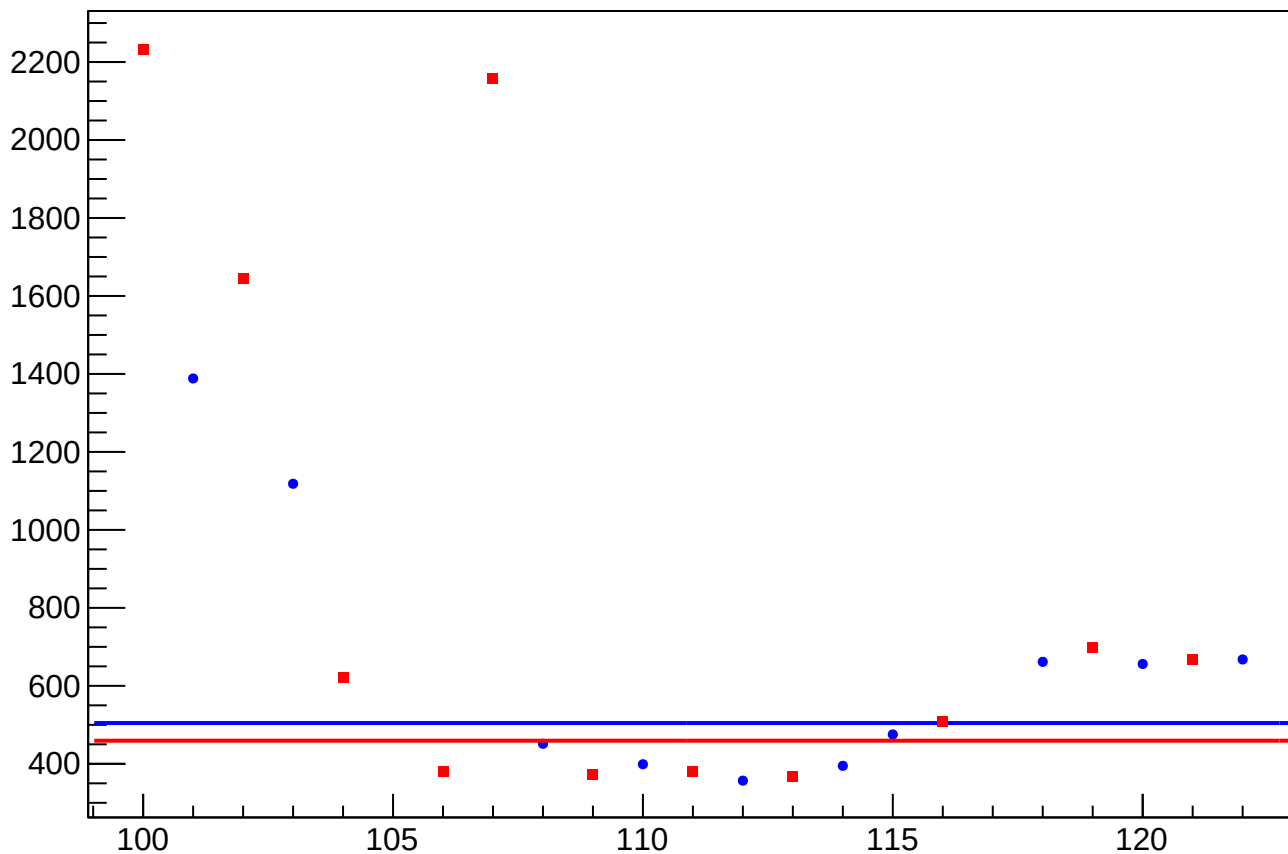
Right: 294.864+/-182.962 χ^2/NDF : 17.8/20

In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.864+/-182.962 χ^2/NDF : 17.8/20

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: 459.320+/-0.174 χ^2/NDF : 1411420.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

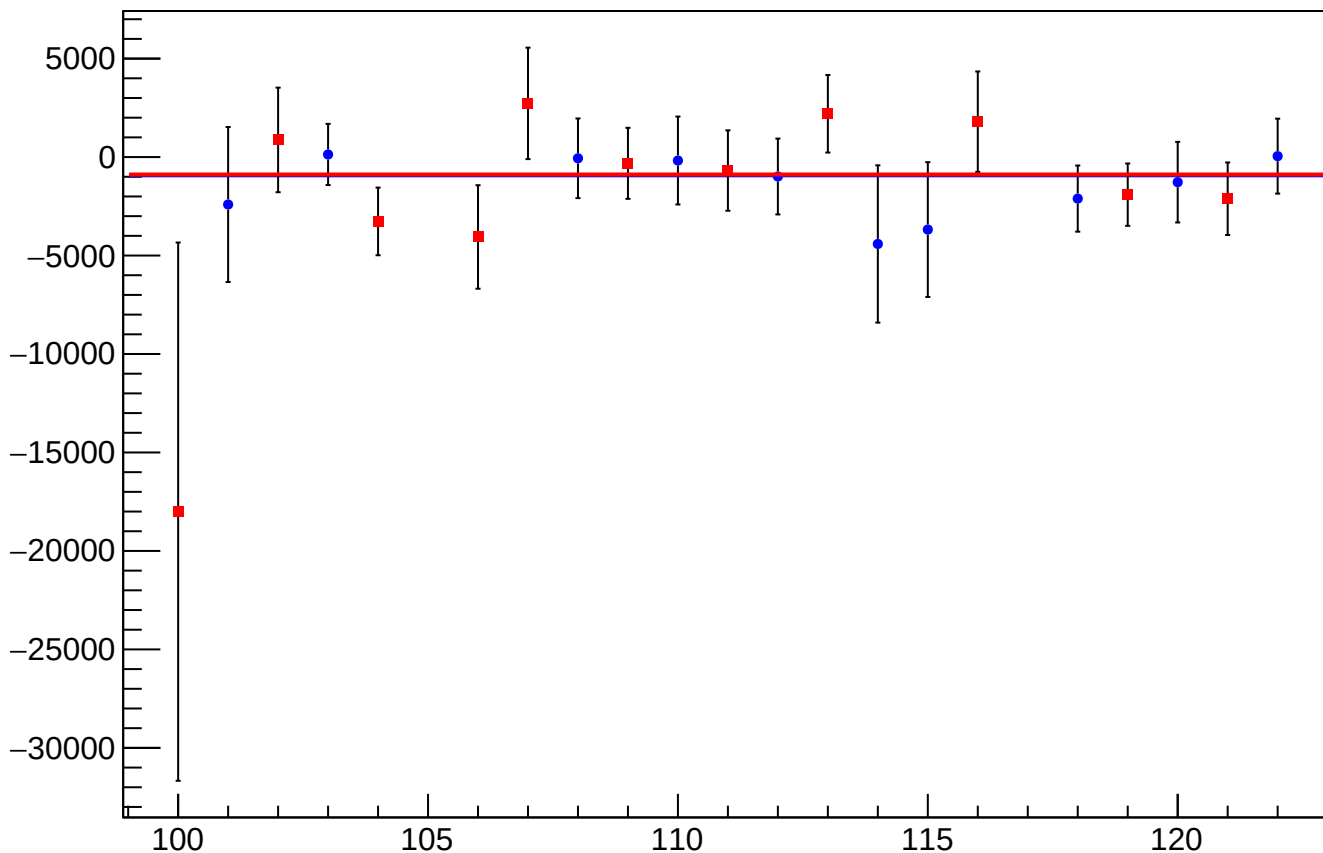
Right: 479.472+/-0.129 χ^2/NDF : 2694710.3/20

In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.472+/-0.129 χ^2/NDF : 2694710.3/20

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: -884.775+/-644.315 χ^2 /NDF: 11.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

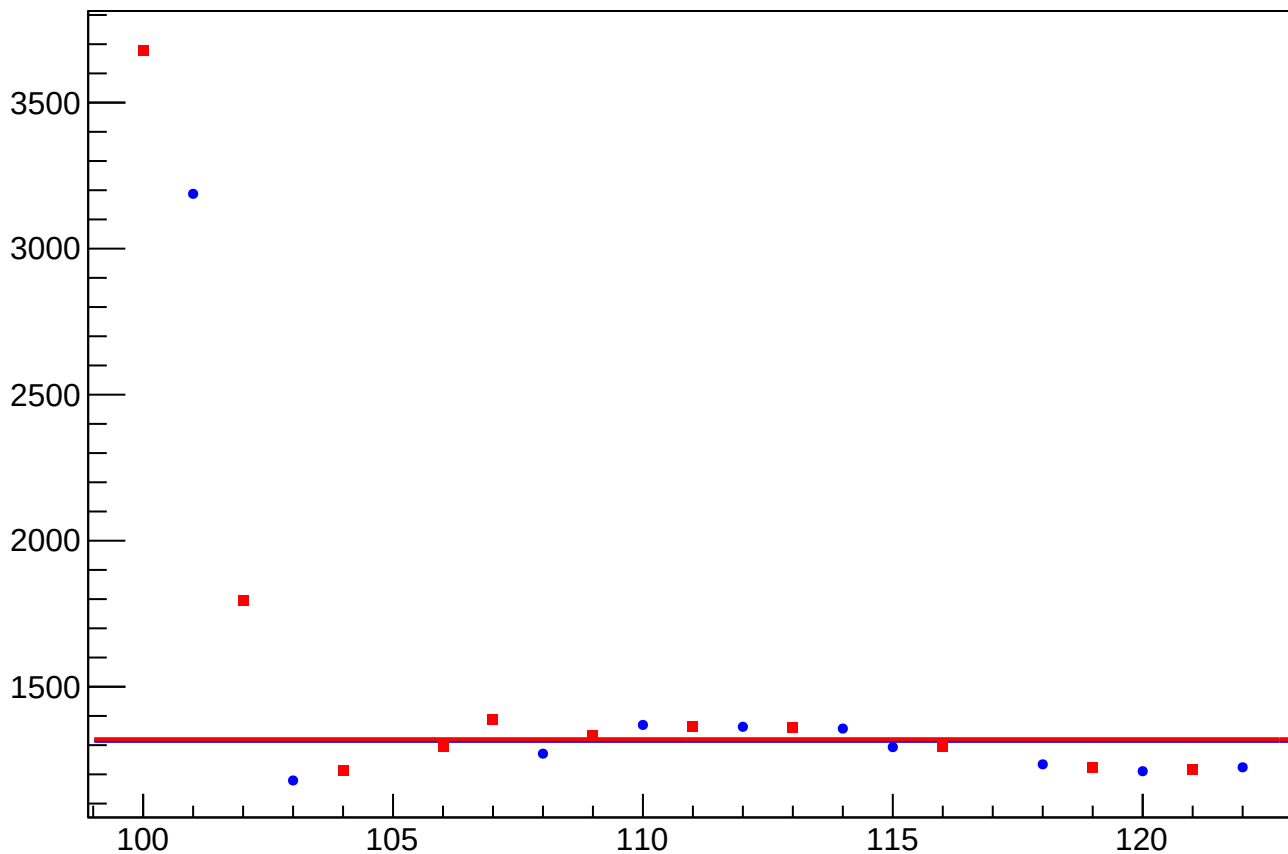
Right: -904.317+/-465.218 χ^2 /NDF: 14.6/20

In: -925.602+/-672.419 χ^2 /NDF:3.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -904.317+/-465.218 χ^2 /NDF: 14.6/20

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: 1320.409+/-0.456 χ^2/NDF : 148563.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

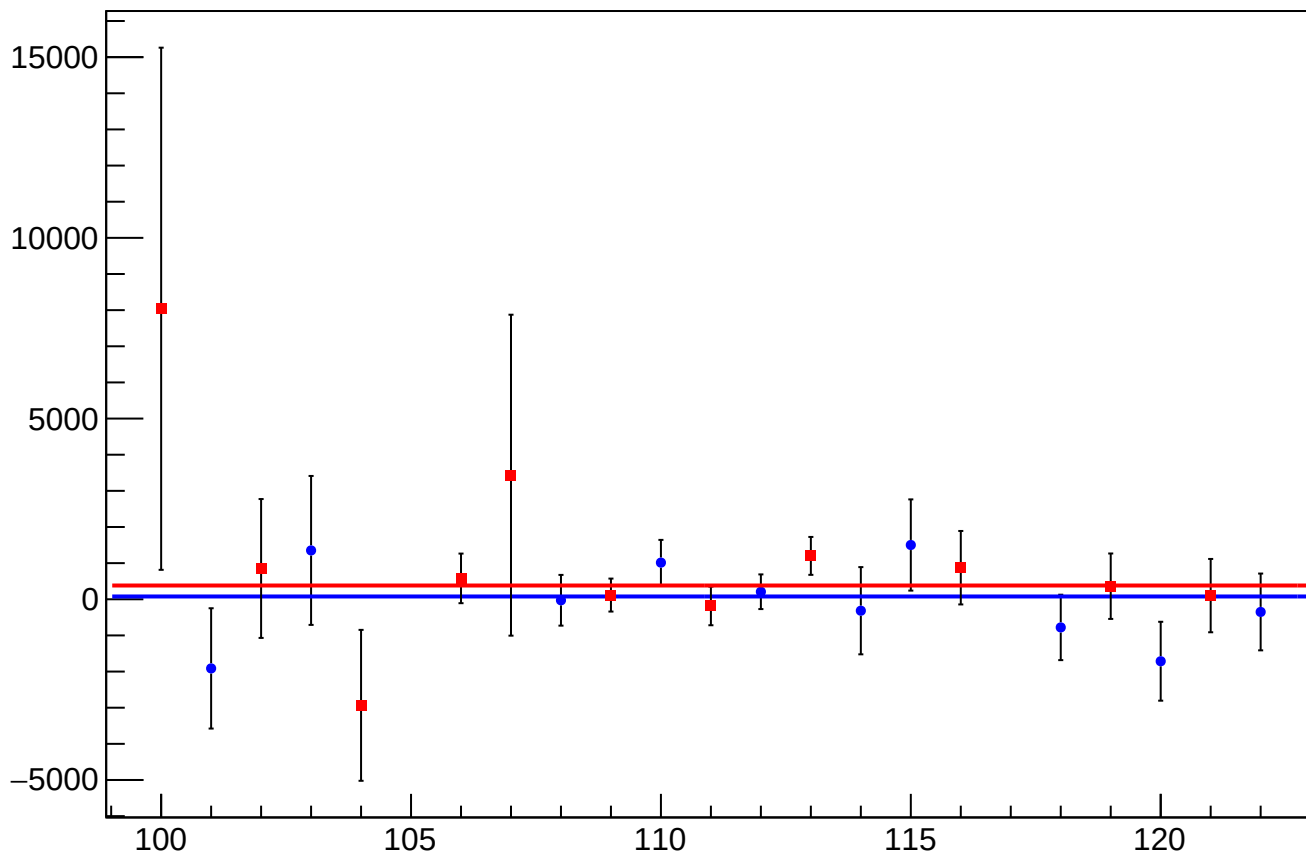
Right: 1317.751+/-0.329 χ^2/NDF : 634676.1/20

In: 1314.856+/-0.475 χ^2/NDF : 486041.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.751+/-0.329 χ^2/NDF : 634676.1/20

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: 381.031+/-237.056 χ^2/NDF : 8.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

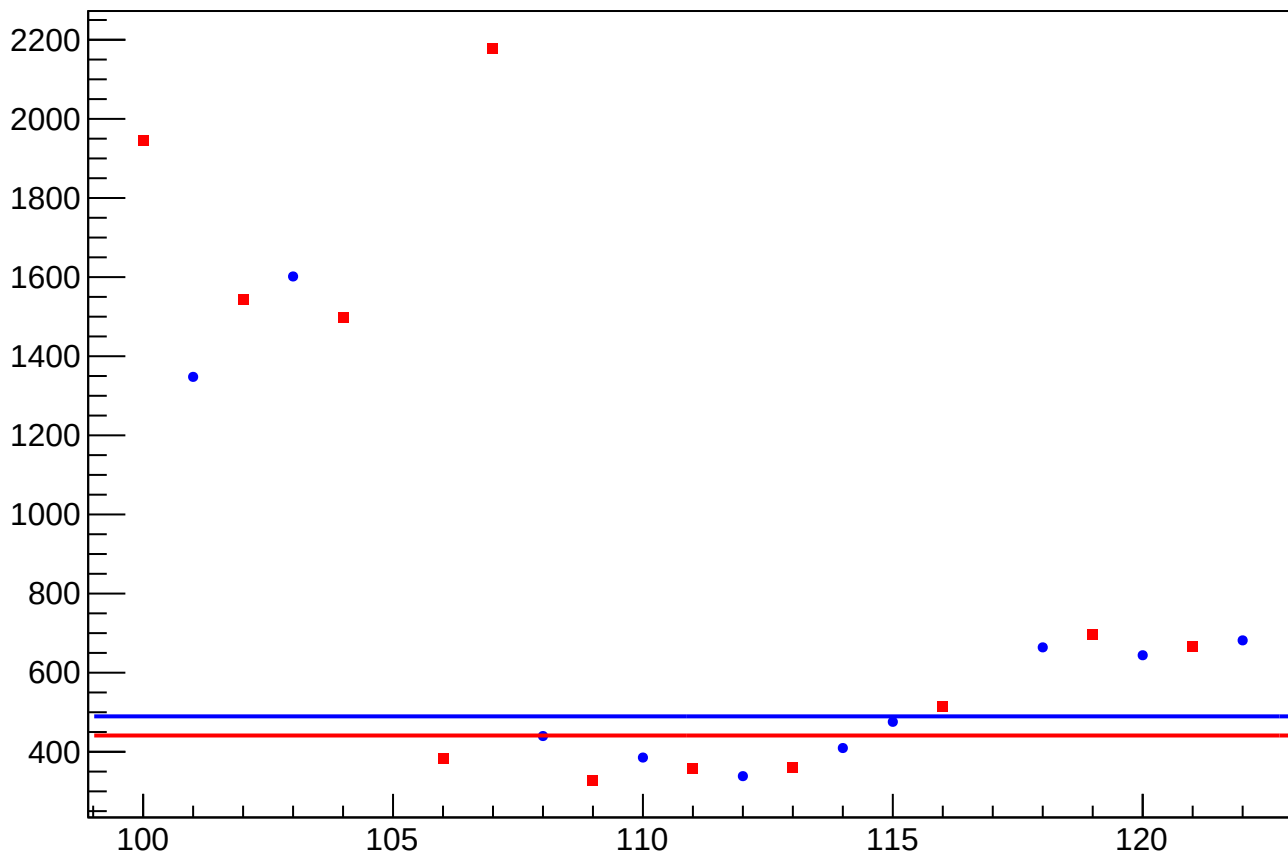
Right: 248.721+/-178.016 χ^2/NDF : 18.4/20

In: 77.627+/-269.572 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.721+/-178.016 χ^2/NDF : 18.4/20

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: 441.199+/-0.168 χ^2/NDF : 2067403.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

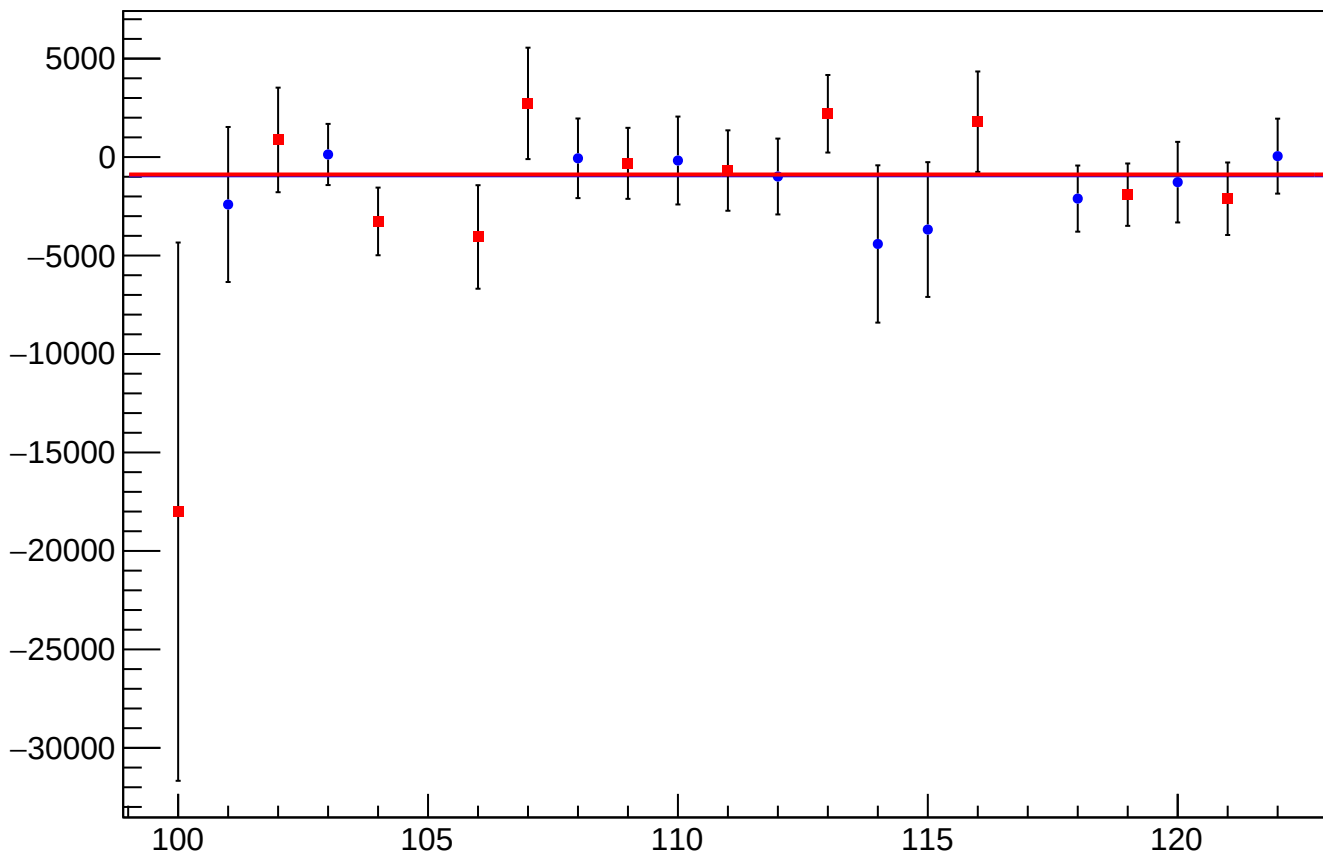
Right: 462.305+/-0.126 χ^2/NDF : 3670112.8/20

In: 489.597+/-0.191 χ^2/NDF :1566355.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 462.305+/-0.126 χ^2/NDF : 3670112.8/20

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: -884.775+/-644.315 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

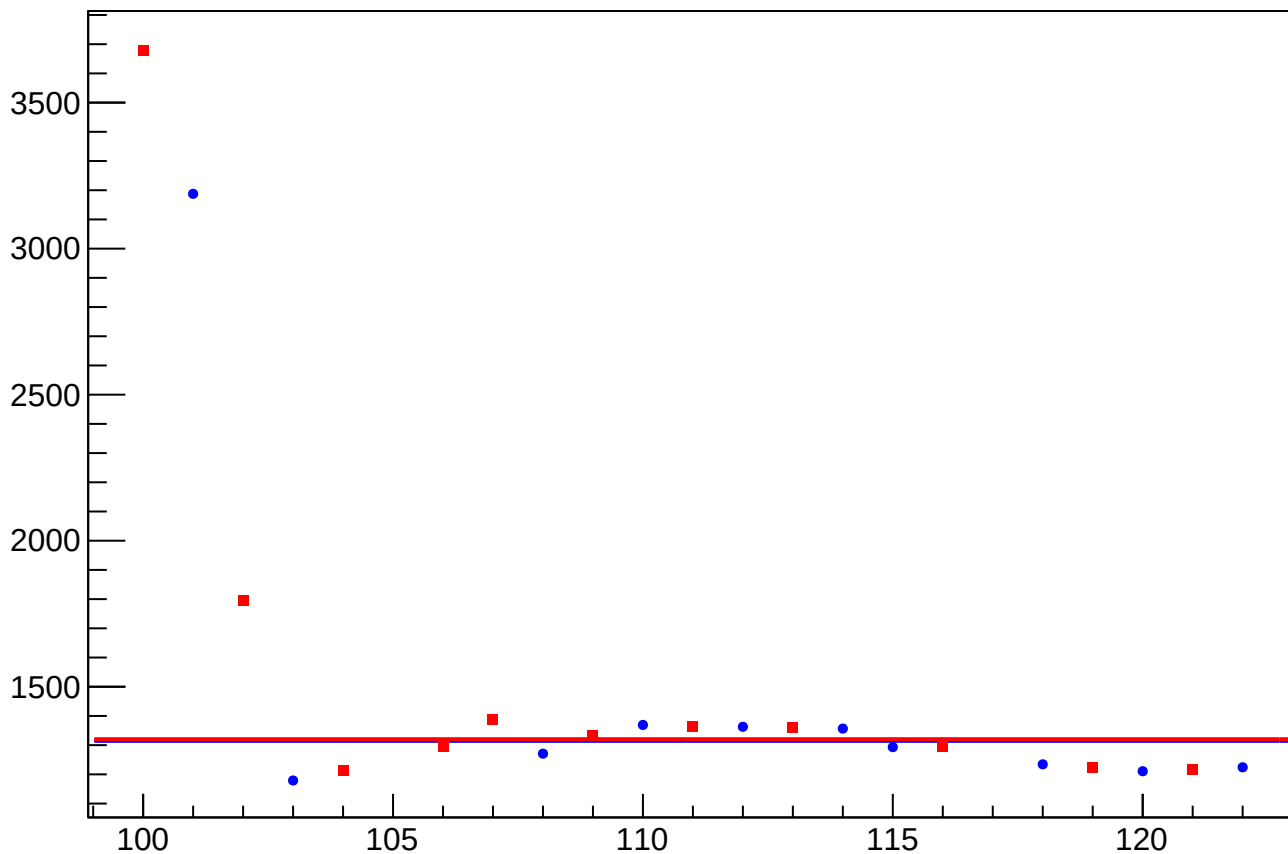
Right: -904.317+/-465.218 χ^2/NDF : 14.6/20

In: -925.600+/-672.419 χ^2/NDF :3.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -904.317+/-465.218 χ^2/NDF : 14.6/20

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: 1320.409+/-0.456 χ^2/NDF : 148563.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

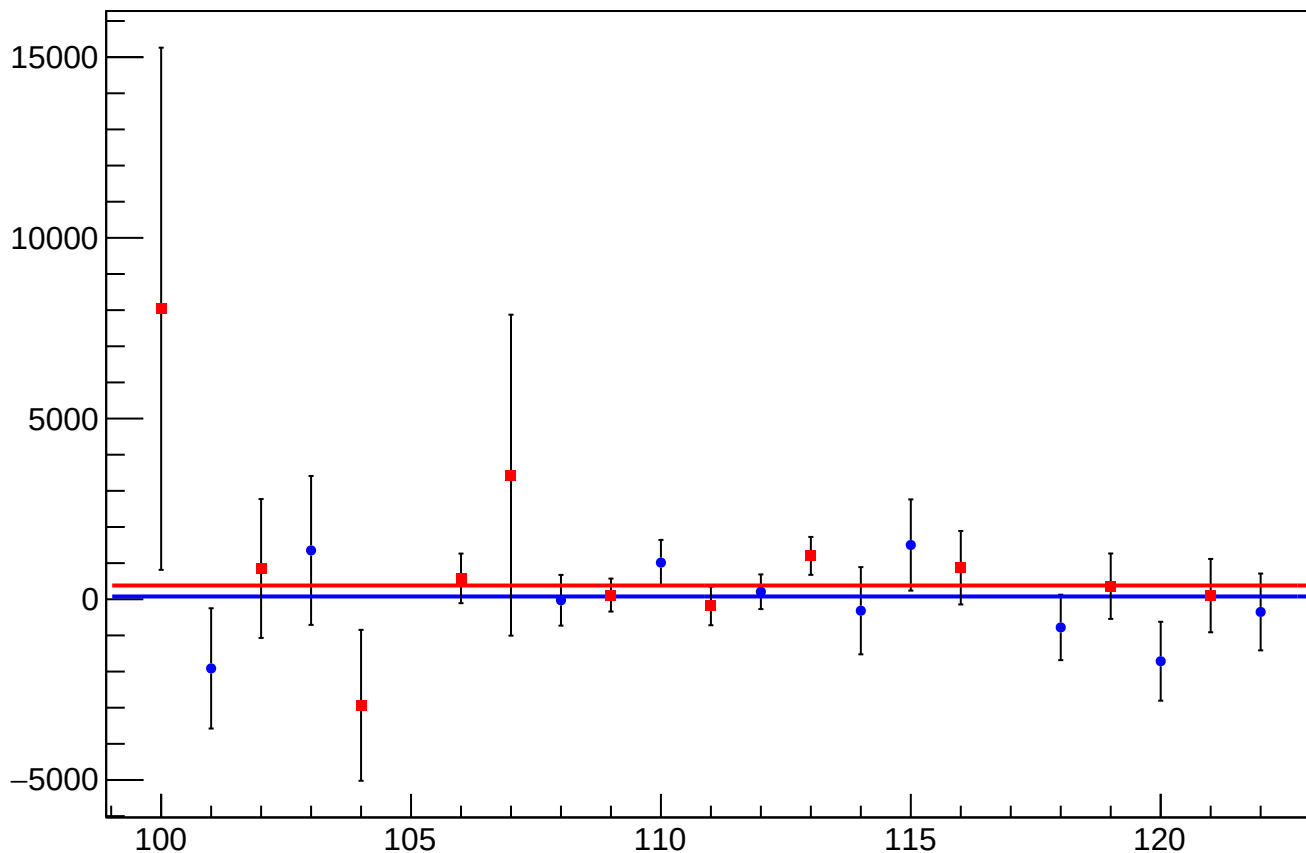
Right: 1317.751+/-0.329 χ^2/NDF : 634676.1/20

In: 1314.856+/-0.475 χ^2/NDF : 486041.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.751+/-0.329 χ^2/NDF : 634676.1/20

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: 381.029+/-237.056 χ^2/NDF : 8.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

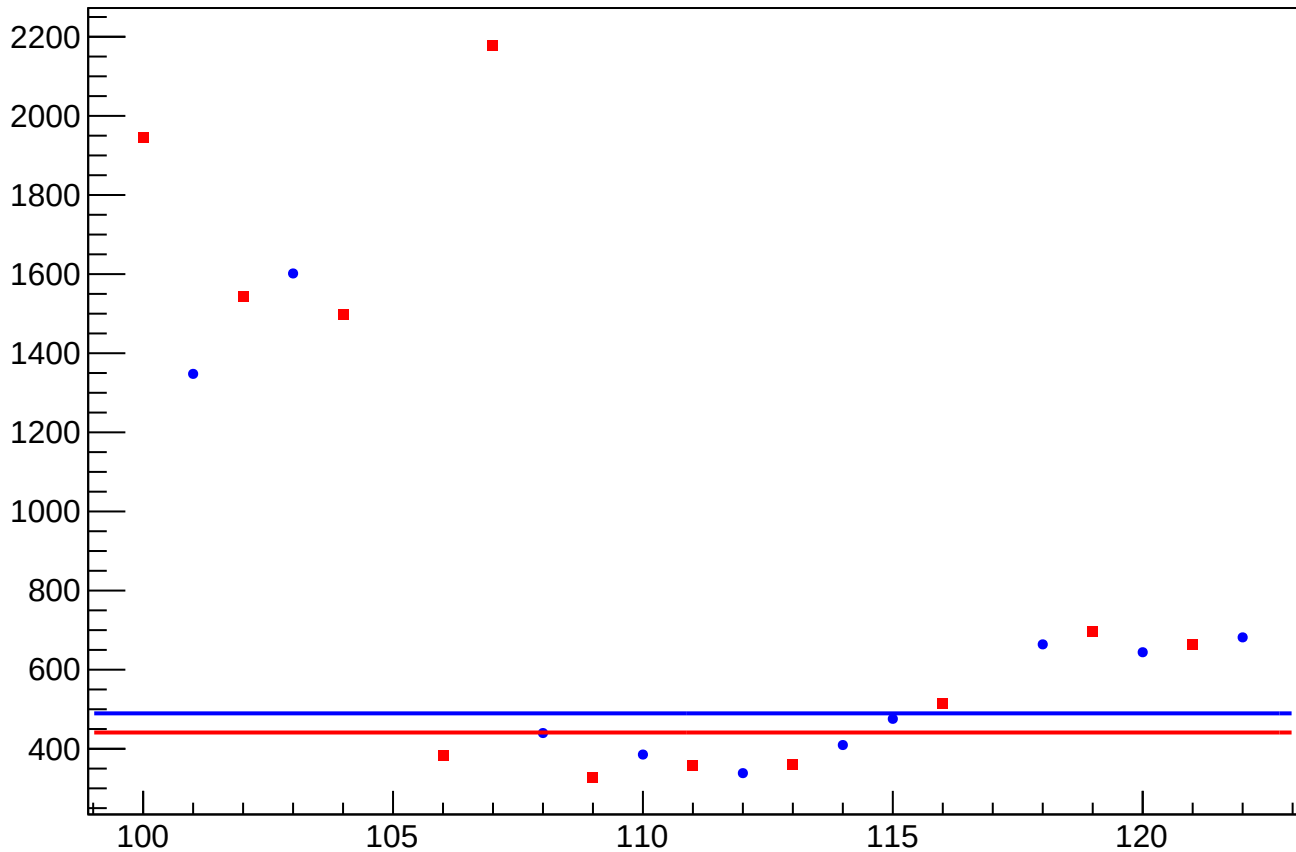
Right: 248.720+/-178.015 χ^2/NDF : 18.4/20

In: 77.627+/-269.570 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.720+/-178.015 χ^2/NDF : 18.4/20

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: 441.198 +/- 0.168 χ^2/NDF : 2067411.5/10

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

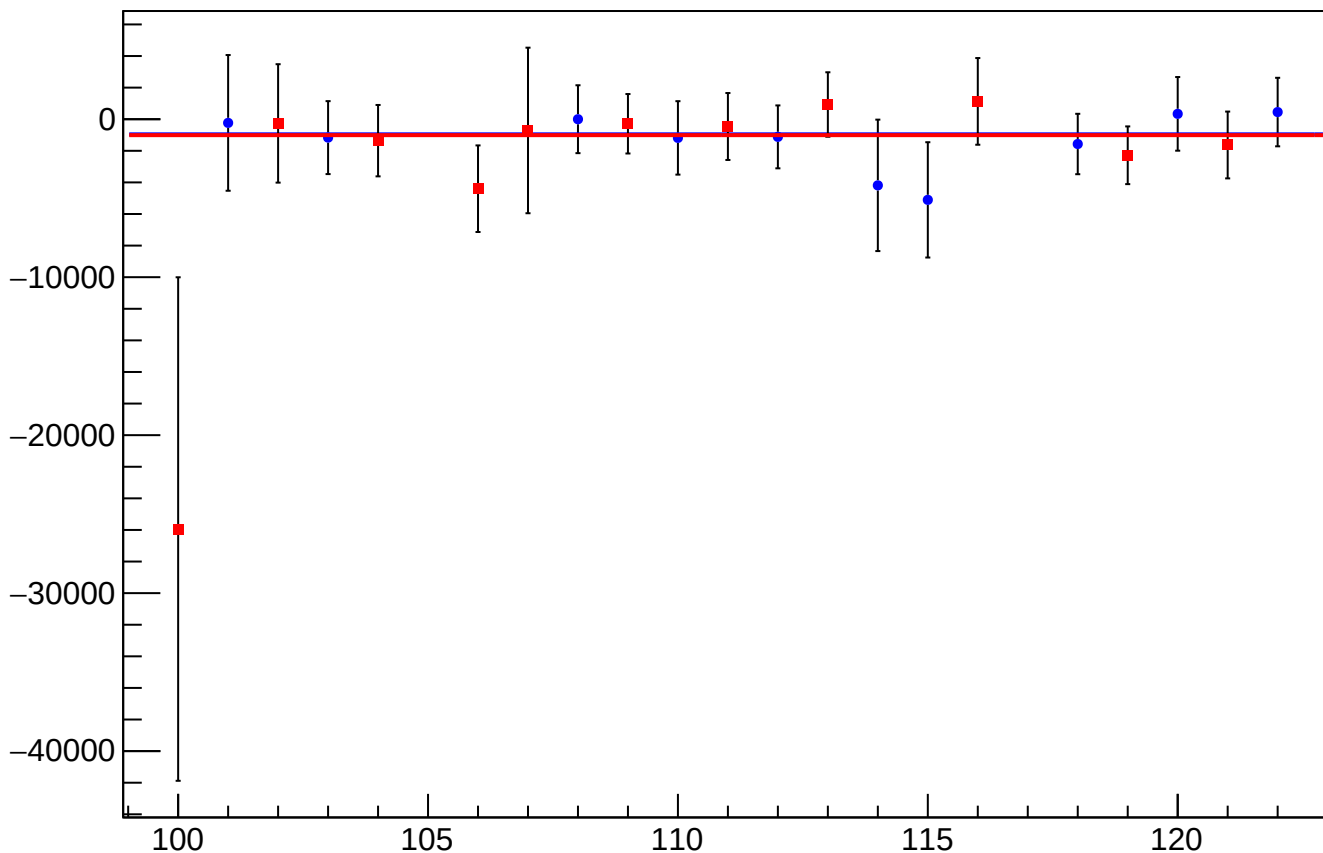
Right: 462.303 +/- 0.126 χ^2/NDF : 3670125.1/20

In: 489.595 +/- 0.191 χ^2/NDF : 1566360.8/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 462.303 +/- 0.126 χ^2/NDF : 3670125.1/20

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: -1008.451+/-736.822 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

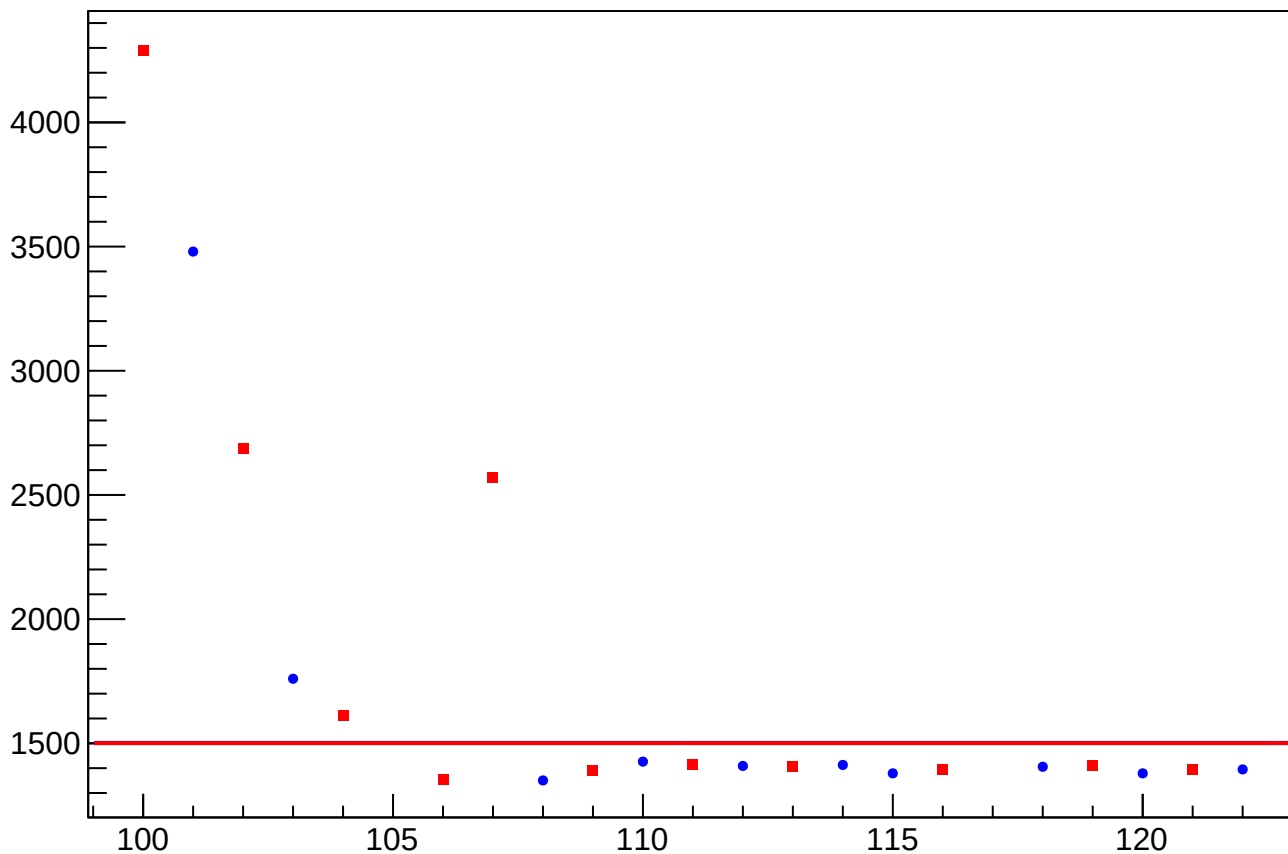
Right: -984.394+/-531.440 χ^2/NDF : 9.3/20

In: -958.309+/-767.241 χ^2/NDF :3.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -984.394+/-531.440 χ^2/NDF : 9.3/20

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: 1500.785+/-0.521 χ^2/NDF : 382080.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

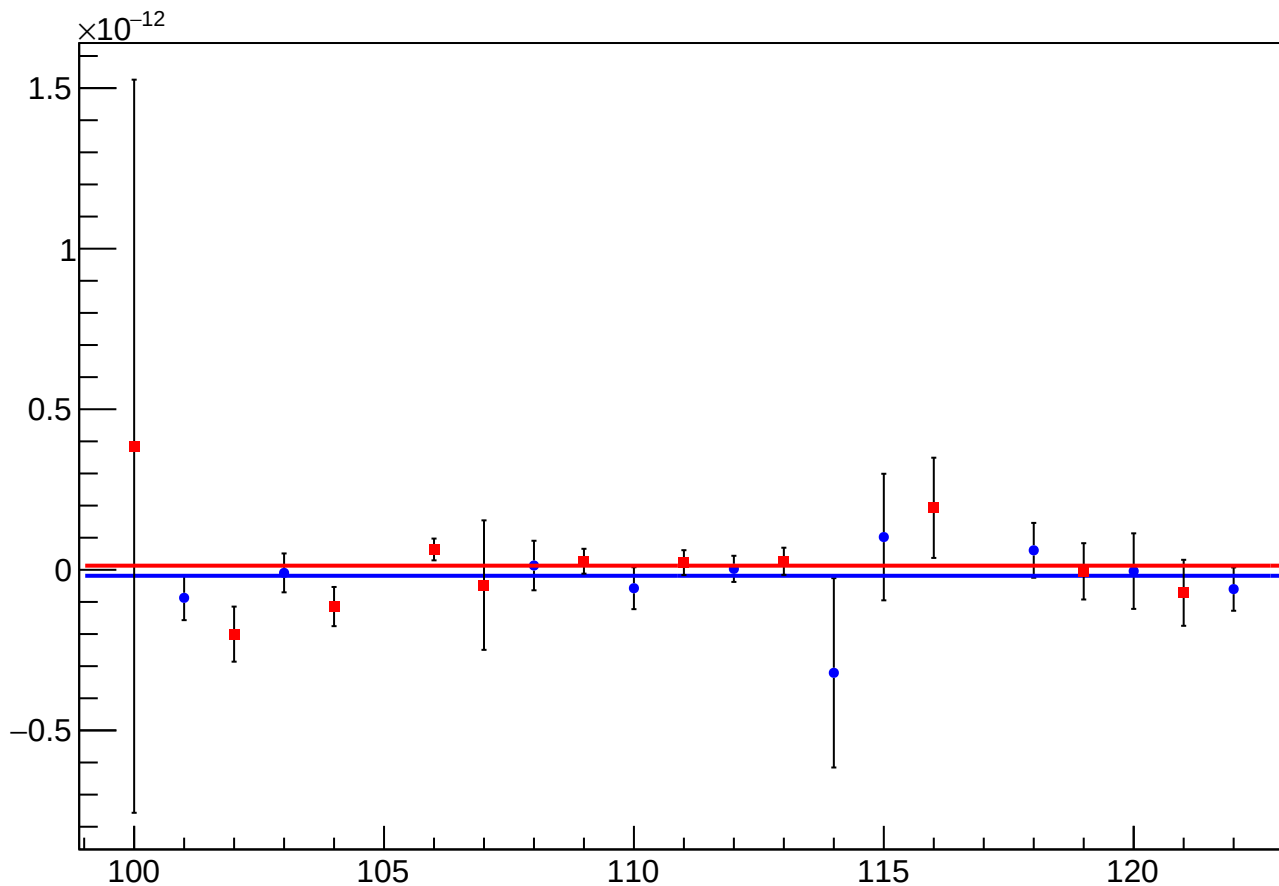
Right: 1501.142+/-0.376 χ^2/NDF : 866192.6/20

In: 1501.528+/-0.543 χ^2/NDF : 484111.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.142+/-0.376 χ^2/NDF : 866192.6/20

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 : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

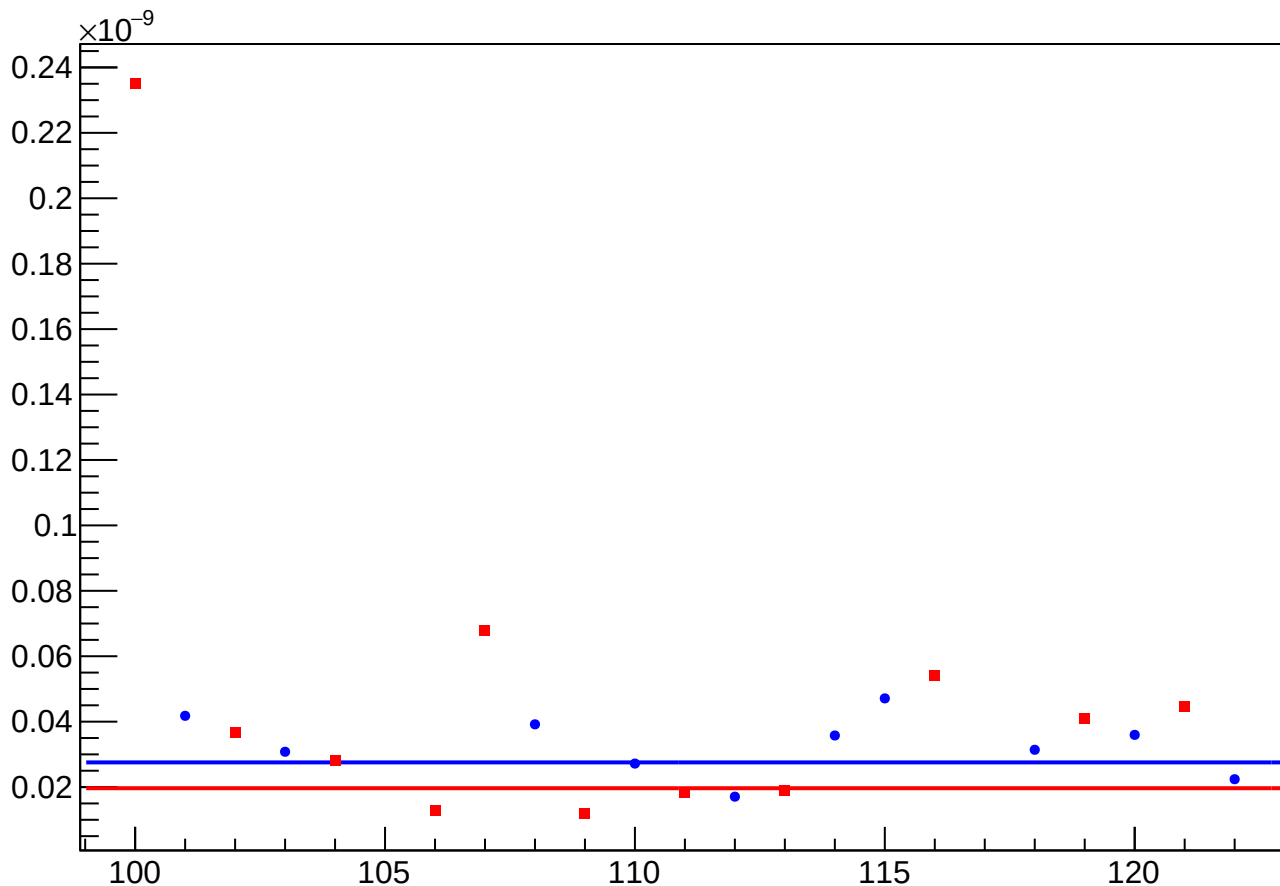
Right: 0.000+/-0.000 χ^2/NDF : 21.0/20

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 : 21.0/20

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 : 803887.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

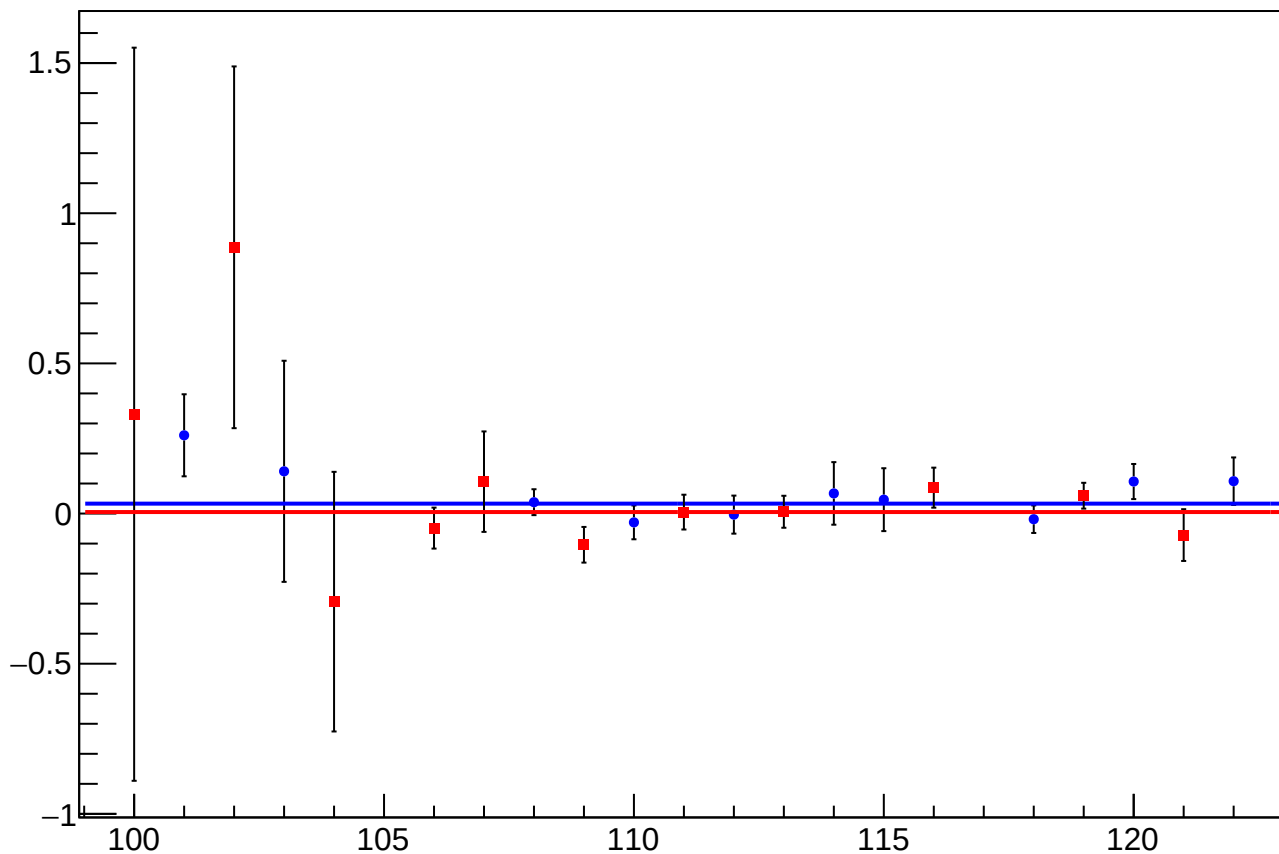
Right: 0.000+/-0.000 χ^2/NDF : 1274725.4/20

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 : 1274725.4/20

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 : 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

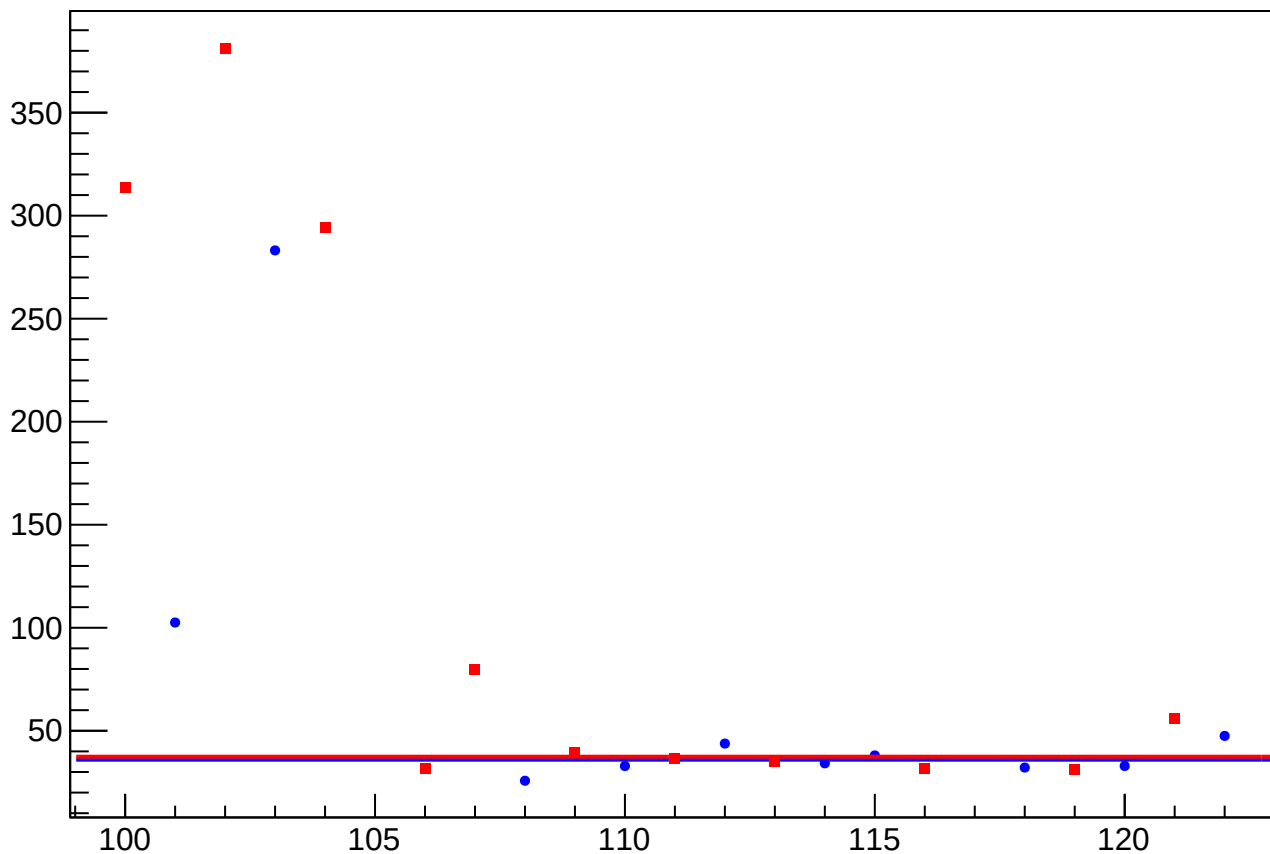
Right: 0.020+/-0.015 χ^2/NDF : 20.1/20

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 : 20.1/20

asym_atl_avg_atr_avg_dd_dit_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: 37.413+/-0.015 χ^2/NDF : 1756863.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

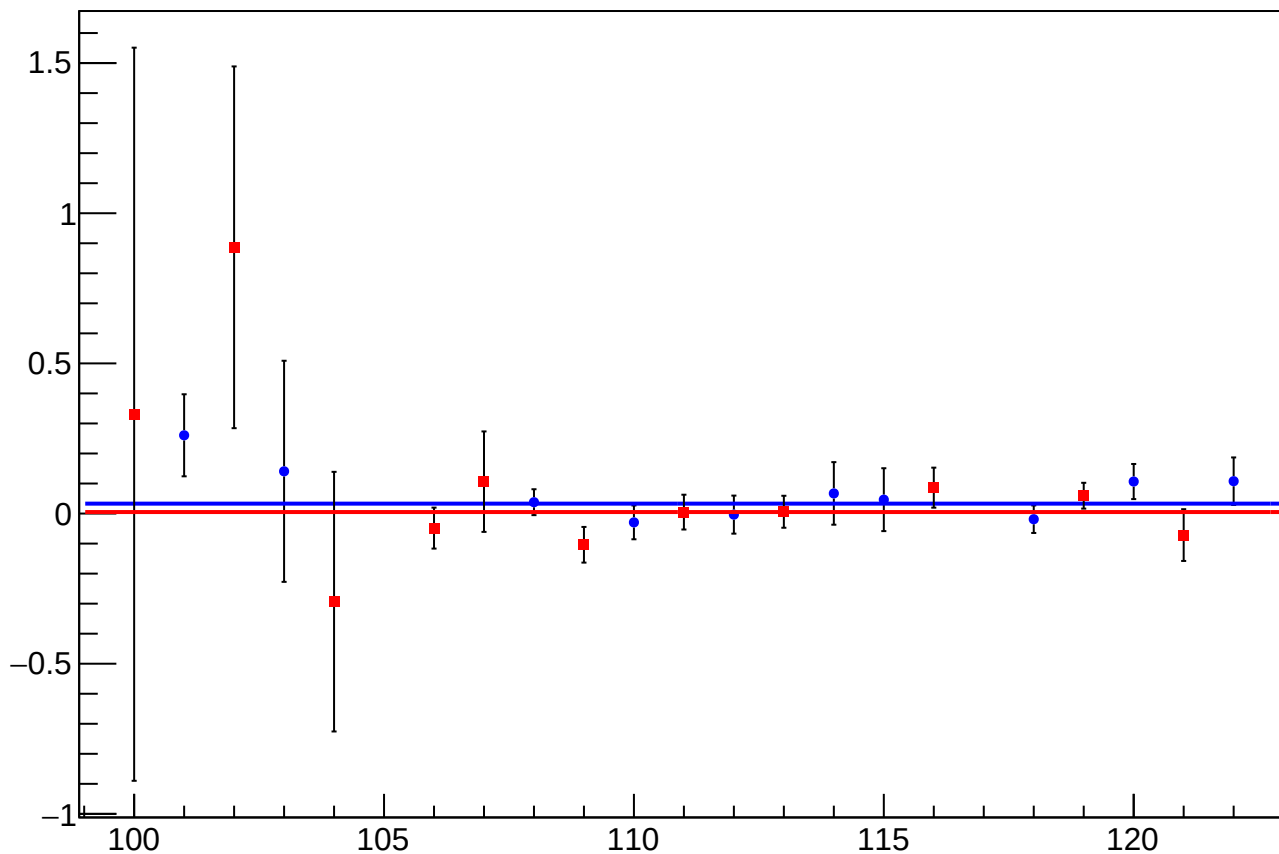
Right: 36.671+/-0.011 χ^2/NDF : 3350151.0/20

In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.671+/-0.011 χ^2/NDF : 3350151.0/20

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 : 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

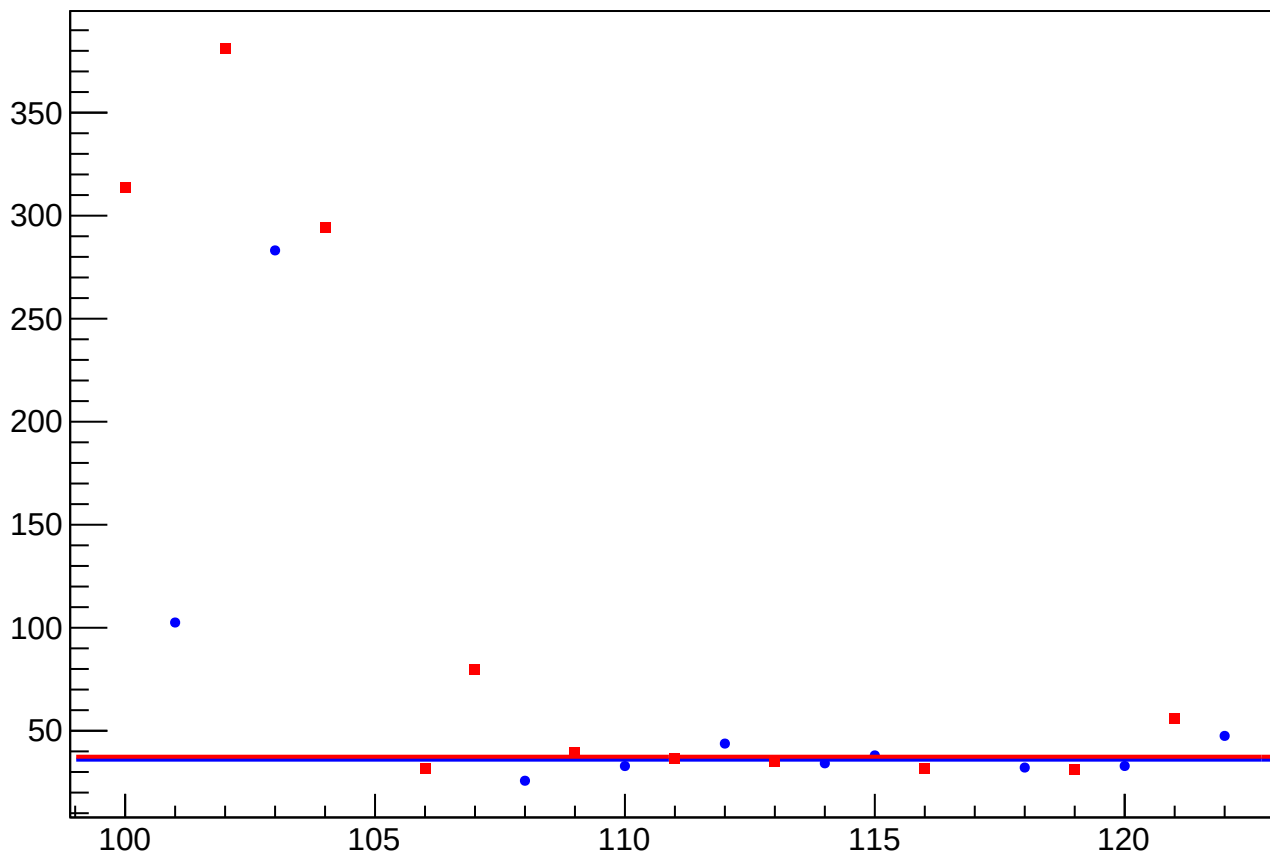
Right: 0.020+/-0.015 χ^2/NDF : 20.1/20

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 : 20.1/20

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: 37.413+/-0.015 χ^2/NDF : 1756863.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

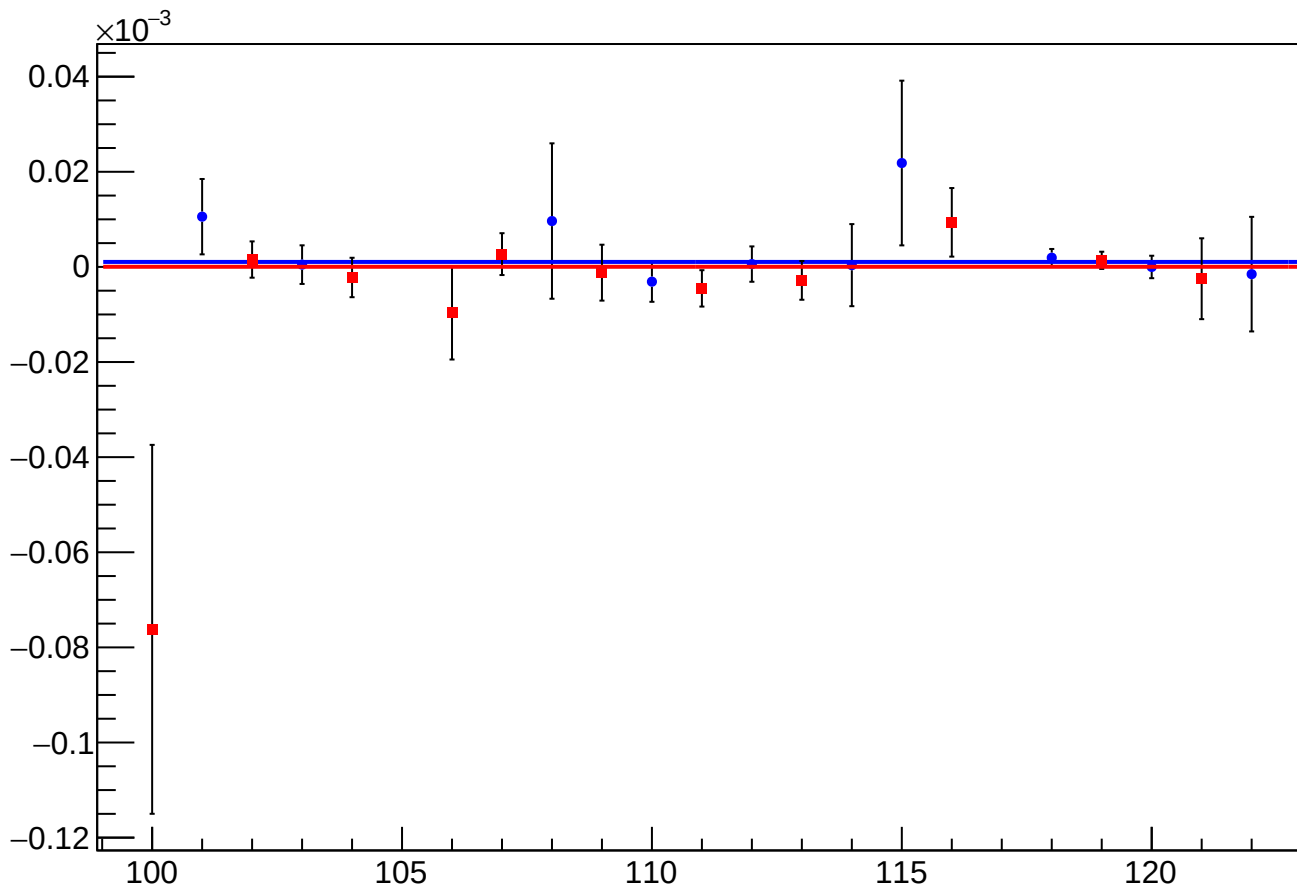
Right: 36.671+/-0.011 χ^2/NDF : 3350151.0/20

In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.671+/-0.011 χ^2/NDF : 3350151.0/20

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 : 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

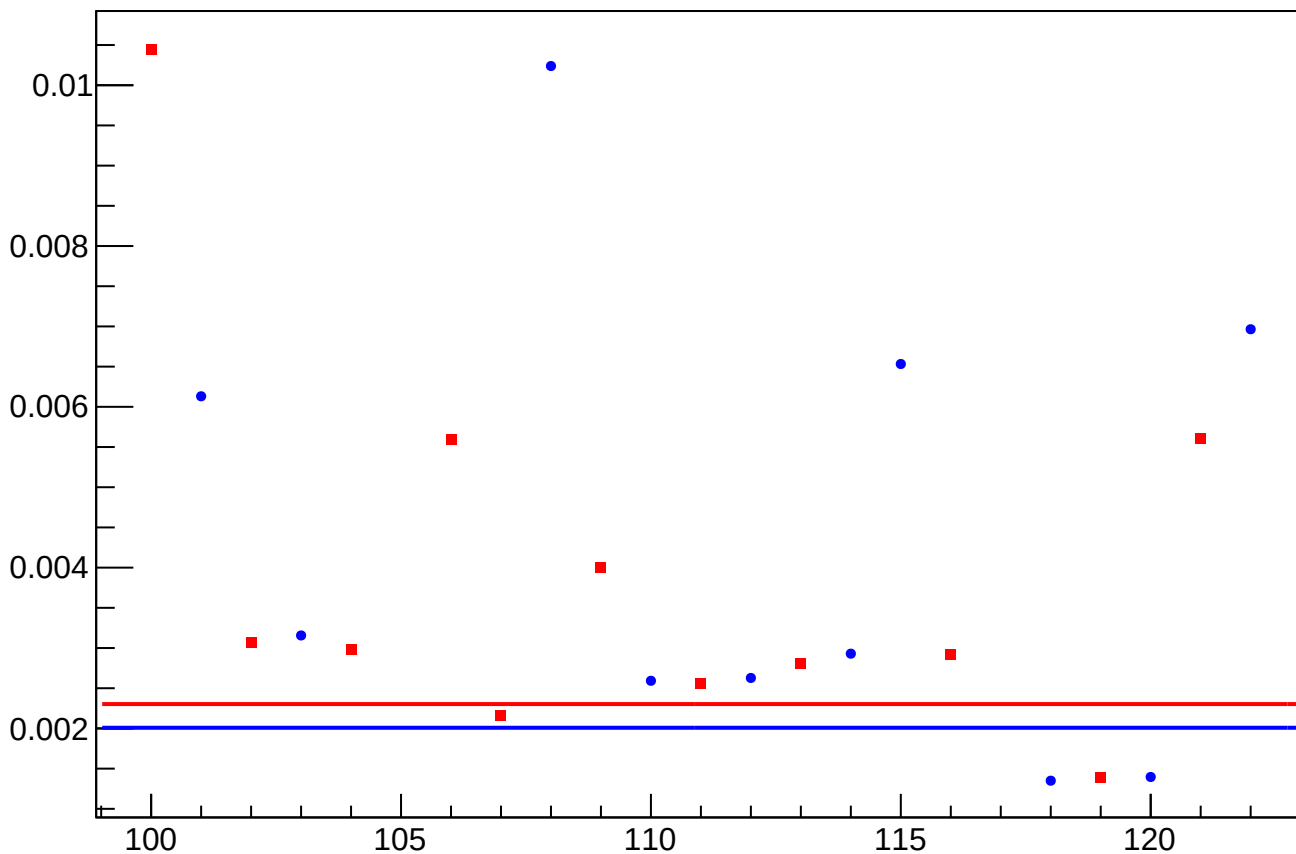
Right: 0.000+/-0.000 χ^2/NDF : 15.0/20

In: 0.000+/-0.000 χ^2/NDF :4.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.0/20

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 : 1480434.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

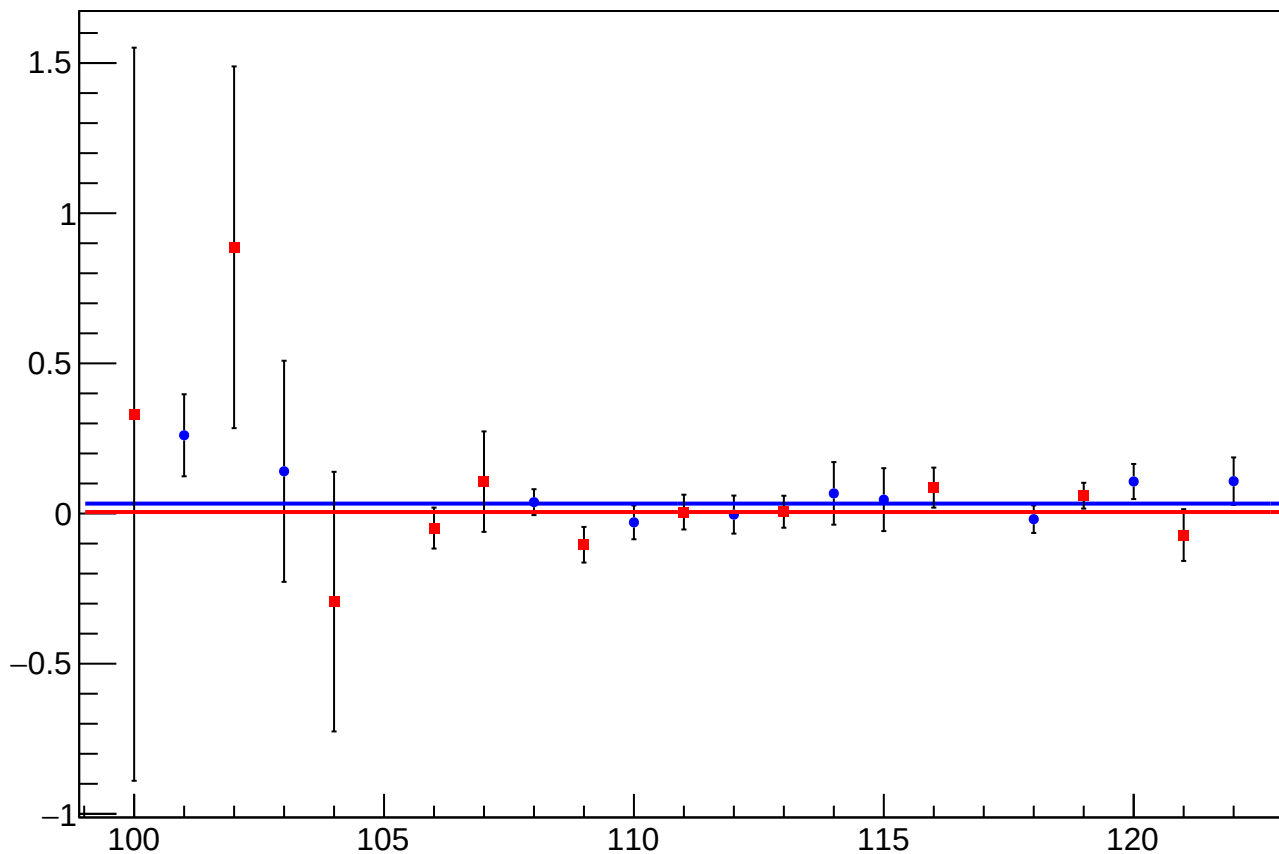
Right: 0.002+/-0.000 χ^2/NDF : 3733546.9/20

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 : 3733546.9/20

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 : 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

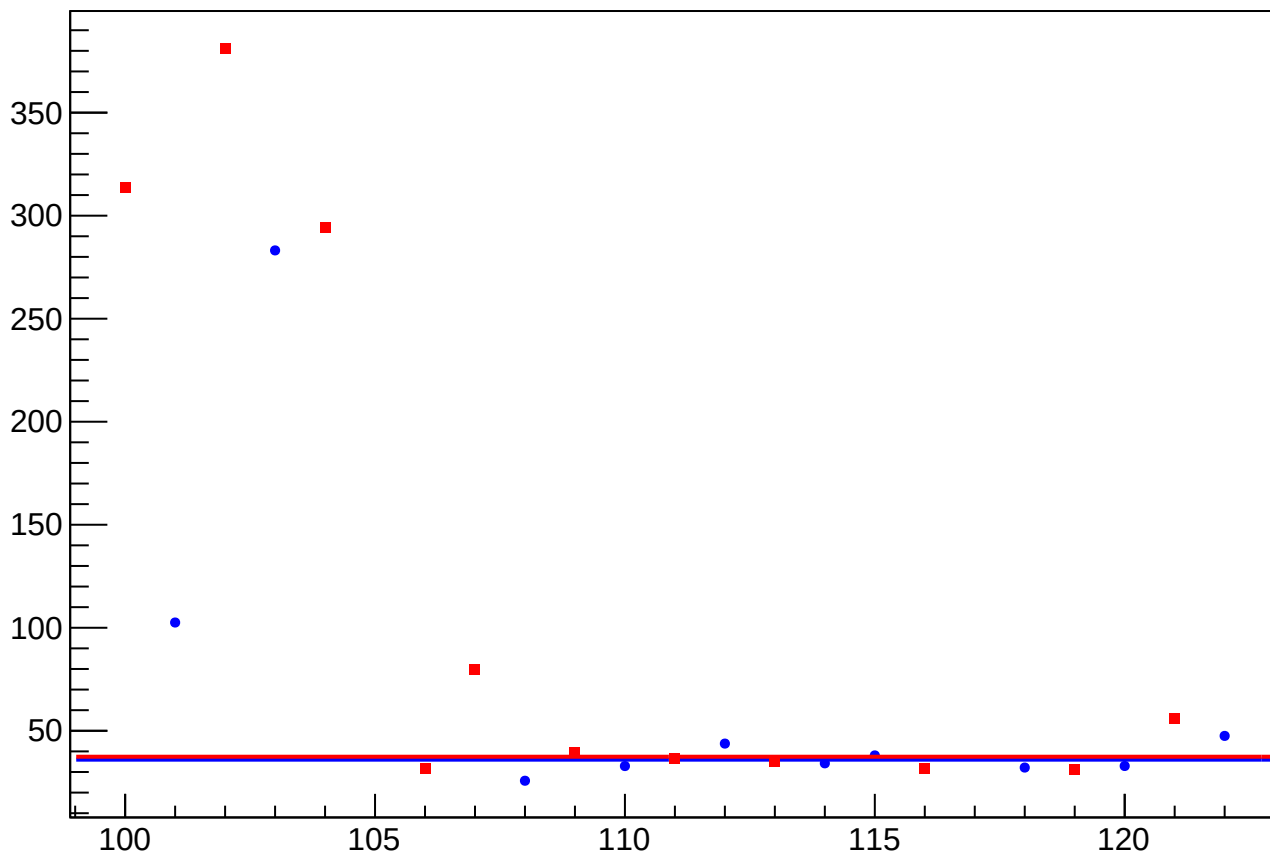
Right: 0.020+/-0.015 χ^2/NDF : 20.1/20

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 : 20.1/20

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: 37.413+/-0.015 χ^2/NDF : 1756861.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

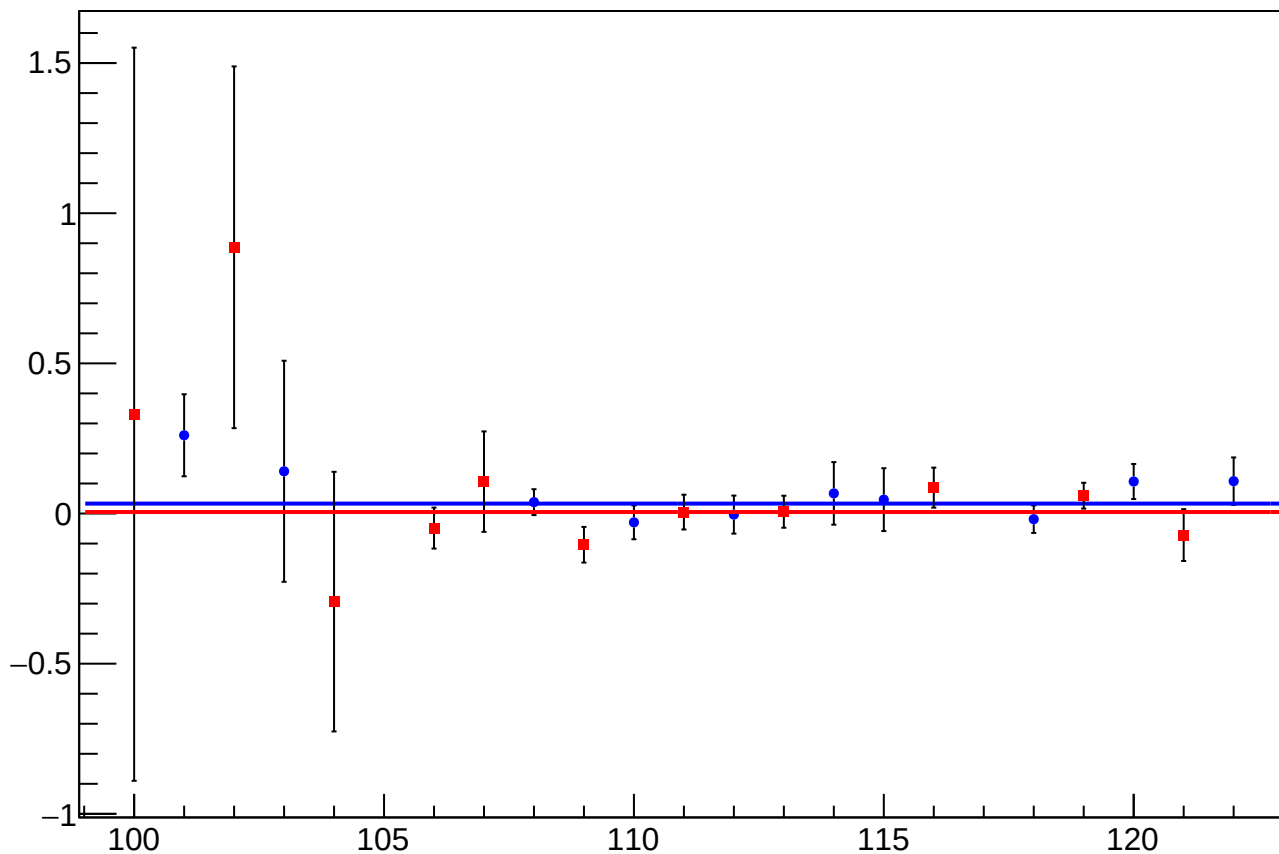
Right: 36.672+/-0.011 χ^2/NDF : 3350069.3/20

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.672+/-0.011 χ^2/NDF : 3350069.3/20

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 : 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

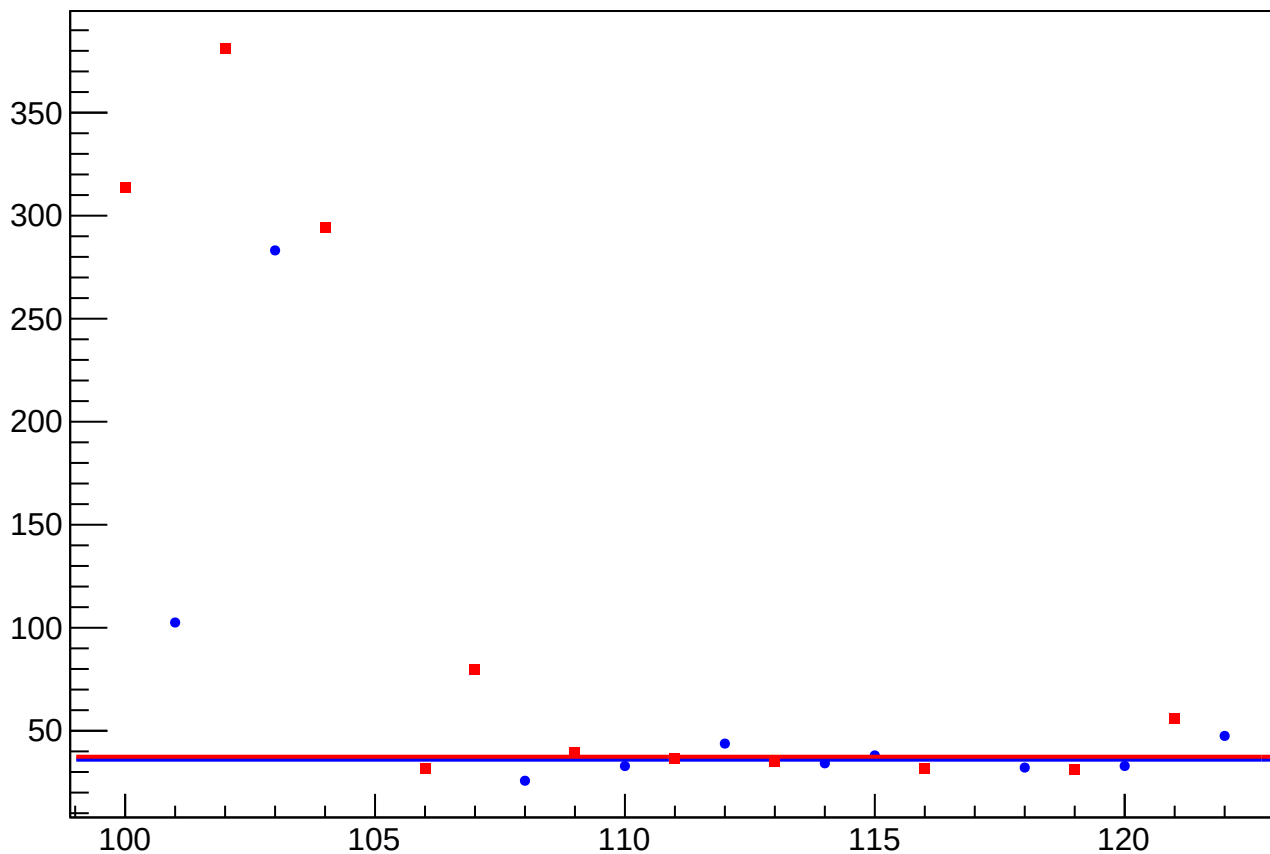
Right: 0.020+/-0.015 χ^2/NDF : 20.1/20

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 : 20.1/20

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: 37.413+/-0.015 χ^2/NDF : 1756861.2/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

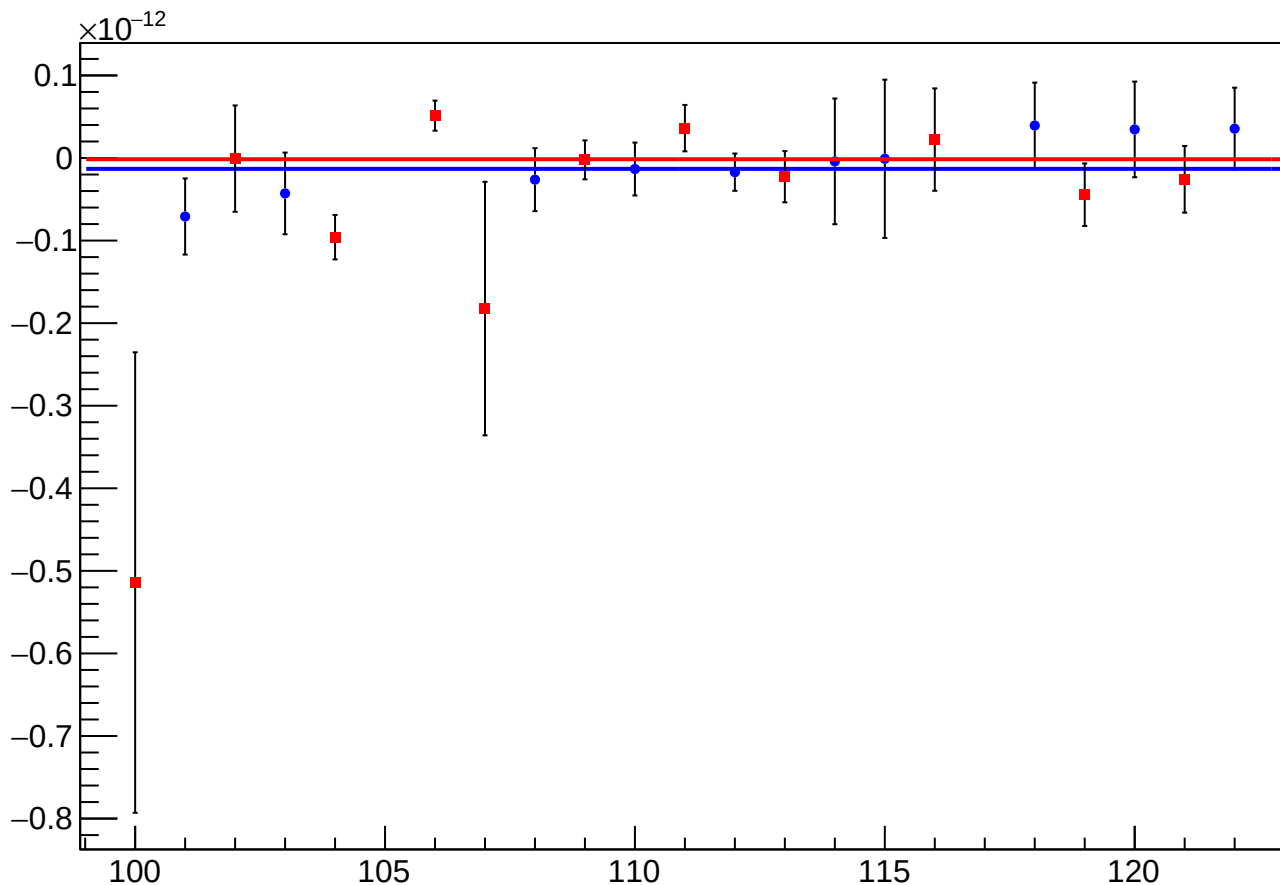
Right: 36.672+/-0.011 χ^2/NDF : 3350069.3/20

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.672+/-0.011 χ^2/NDF : 3350069.3/20

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 : 29.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

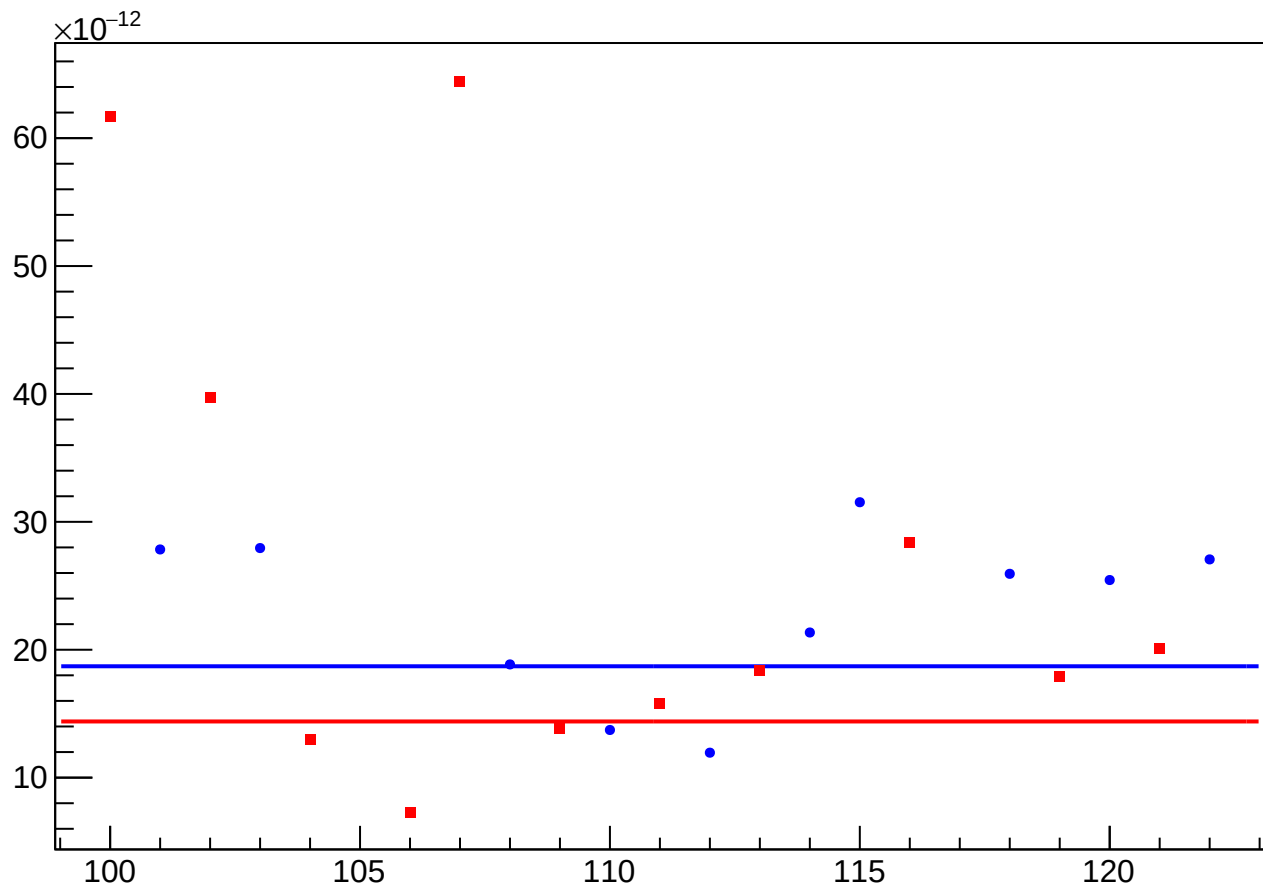
Right: -0.000+/-0.000 χ^2/NDF : 34.8/20

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 : 34.8/20

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 : 1089962.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

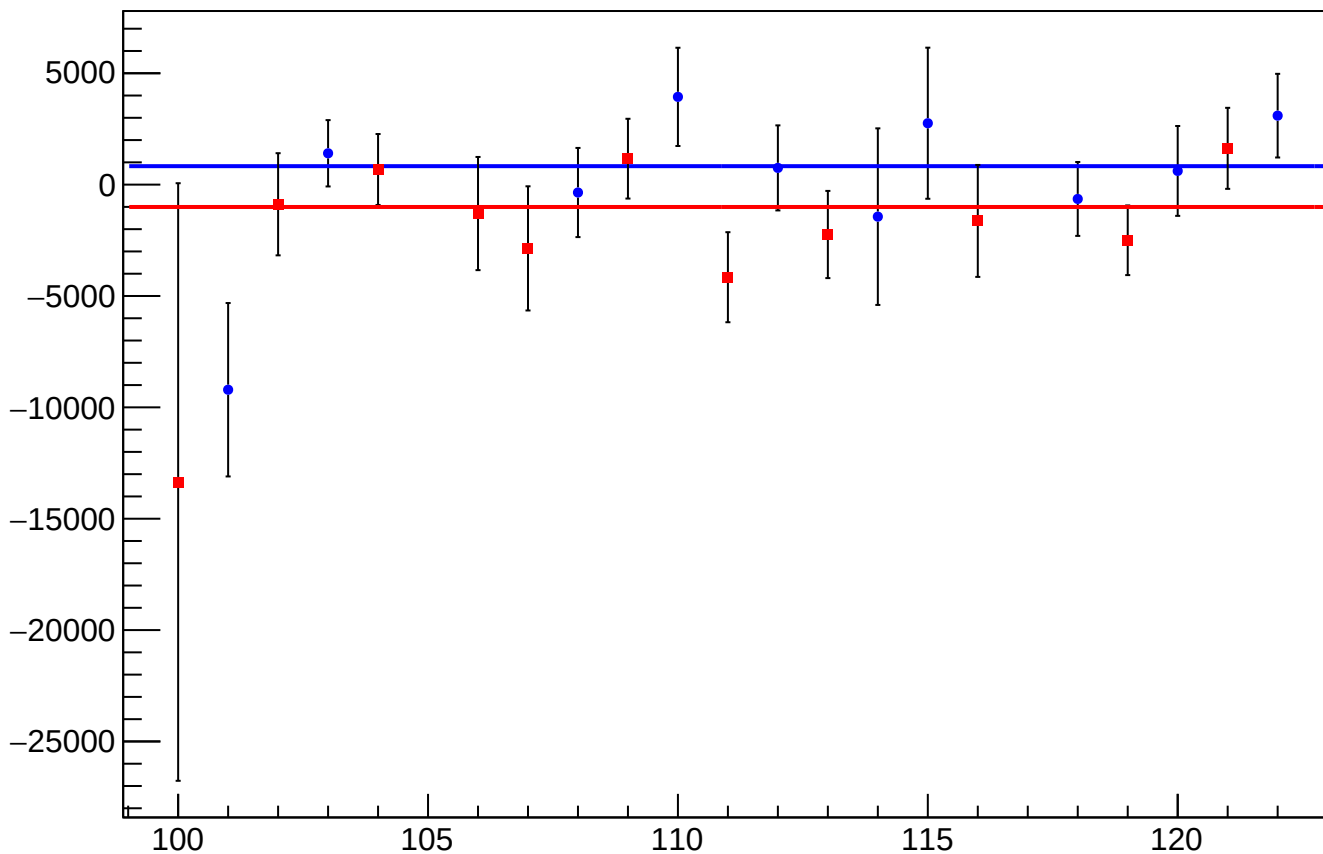
Right: 0.000+/-0.000 χ^2/NDF : 1765627.7/20

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 : 1765627.7/20

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: -1003.835+/-624.921 χ^2/NDF : 9.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

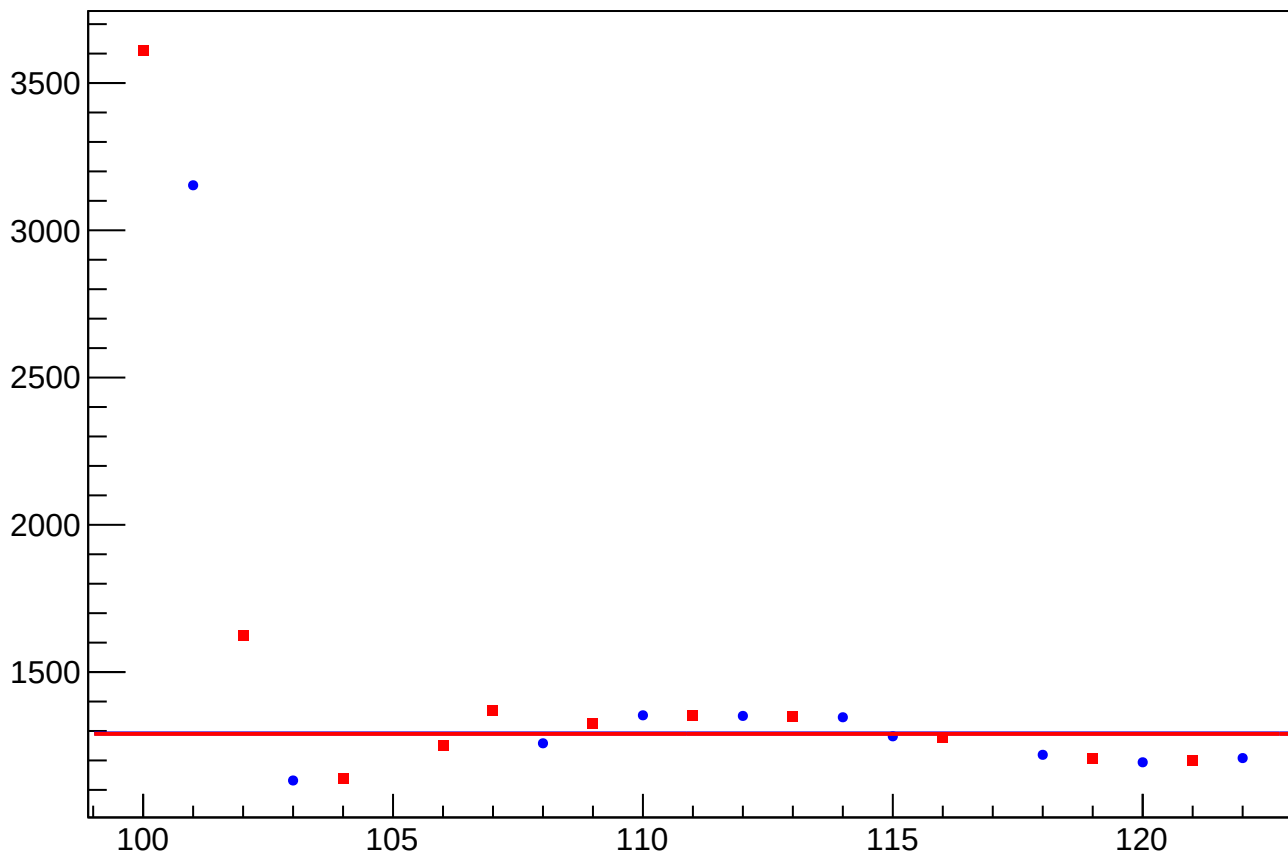
Right: -138.839+/-454.072 χ^2/NDF : 25.9/20

In: 828.625+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.839+/-454.072 χ^2/NDF : 25.9/20

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: 1290.234+/-0.442 χ^2/NDF : 137036.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

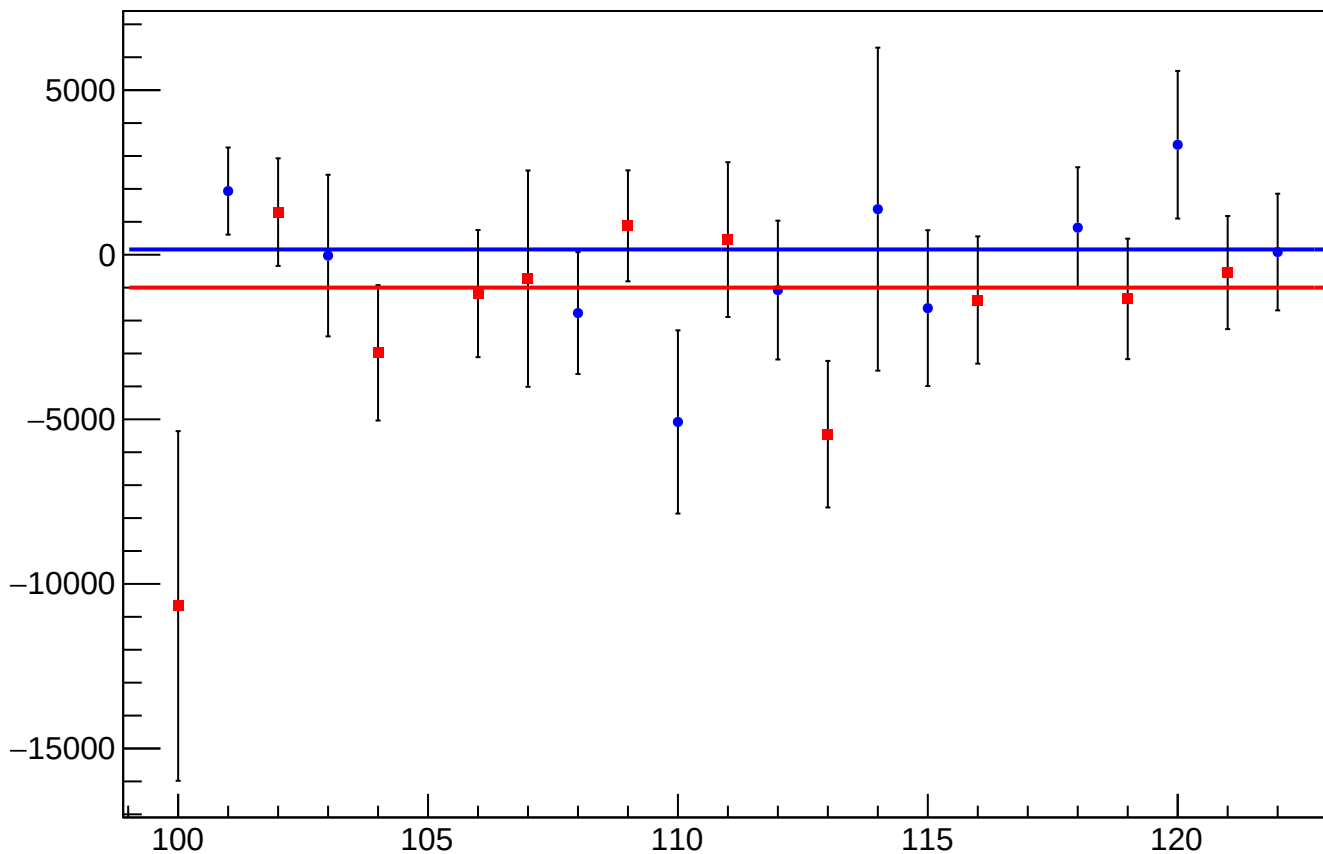
Right: 1290.893+/-0.321 χ^2/NDF : 634137.5/20

In: 1291.630+/-0.467 χ^2/NDF : 497096.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.893+/-0.321 χ^2/NDF : 634137.5/20

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: -998.415+/-614.768 χ^2/NDF : 12.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

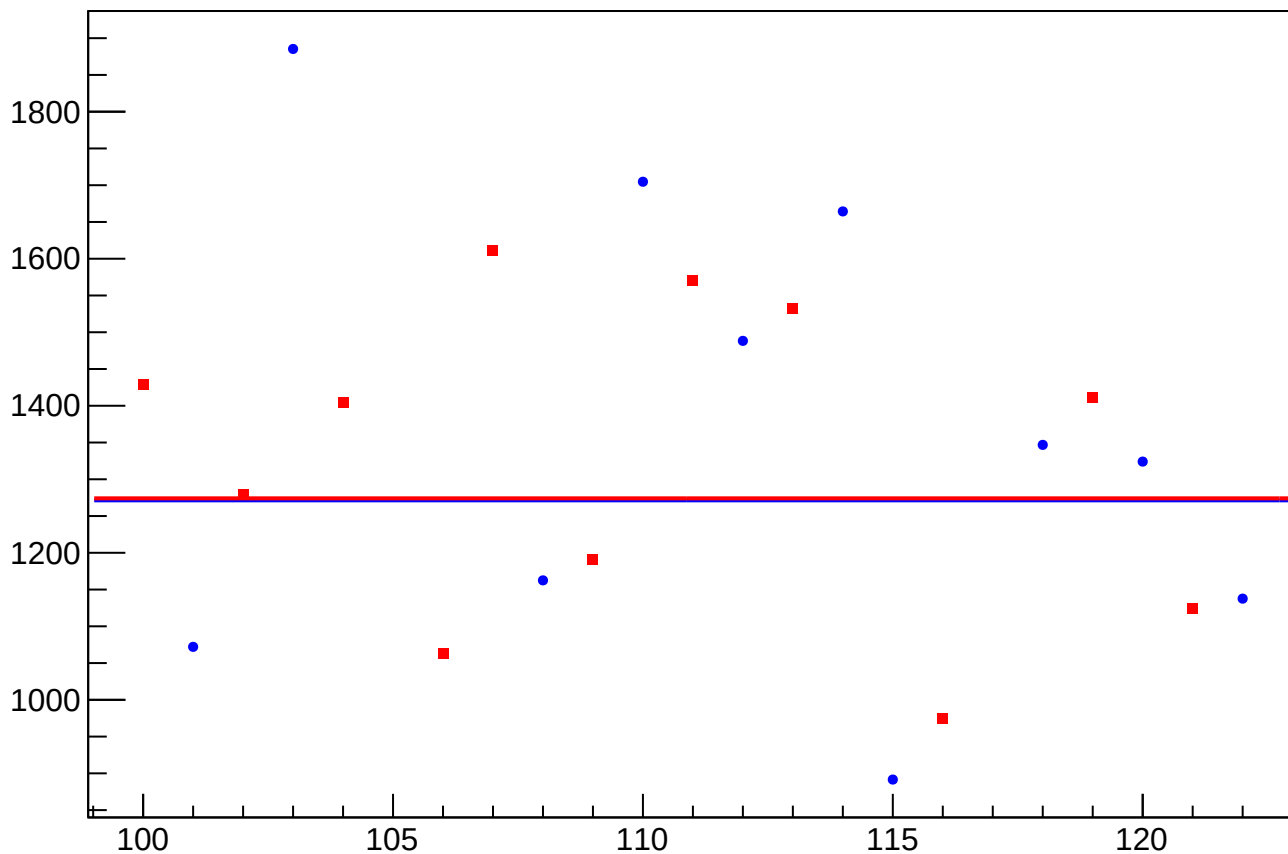
Right: -445.144+/-444.445 χ^2/NDF : 23.2/20

In: 160.636+/-643.280 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -445.144+/-444.445 χ^2/NDF : 23.2/20

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: 1274.073+/-0.435 χ^2/NDF : 192449.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

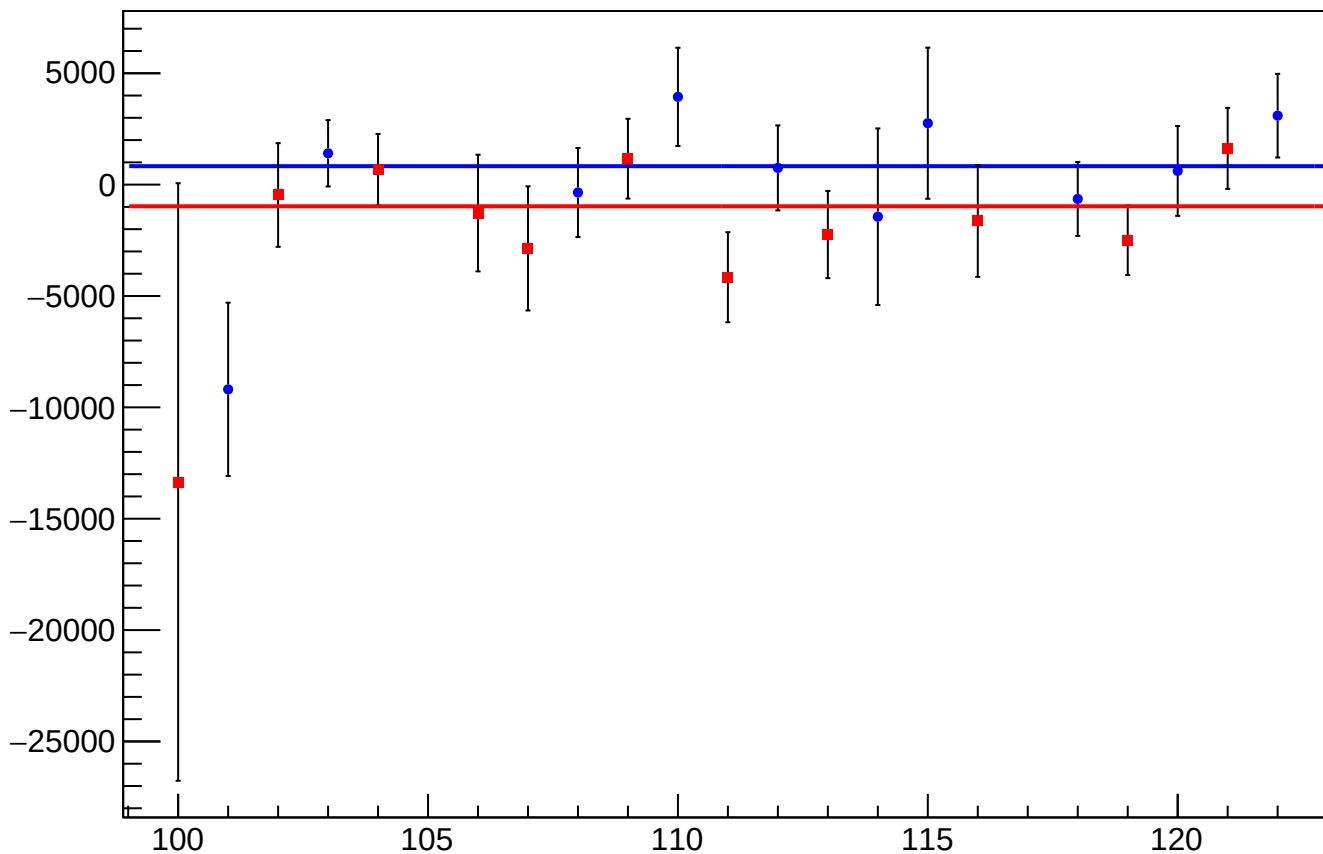
Right: 1272.776+/-0.314 χ^2/NDF : 519735.7/20

In: 1271.356+/-0.455 χ^2/NDF : 327267.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.776+/-0.314 χ^2/NDF : 519735.7/20

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: -971.807+/-626.721 χ^2/NDF : 9.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

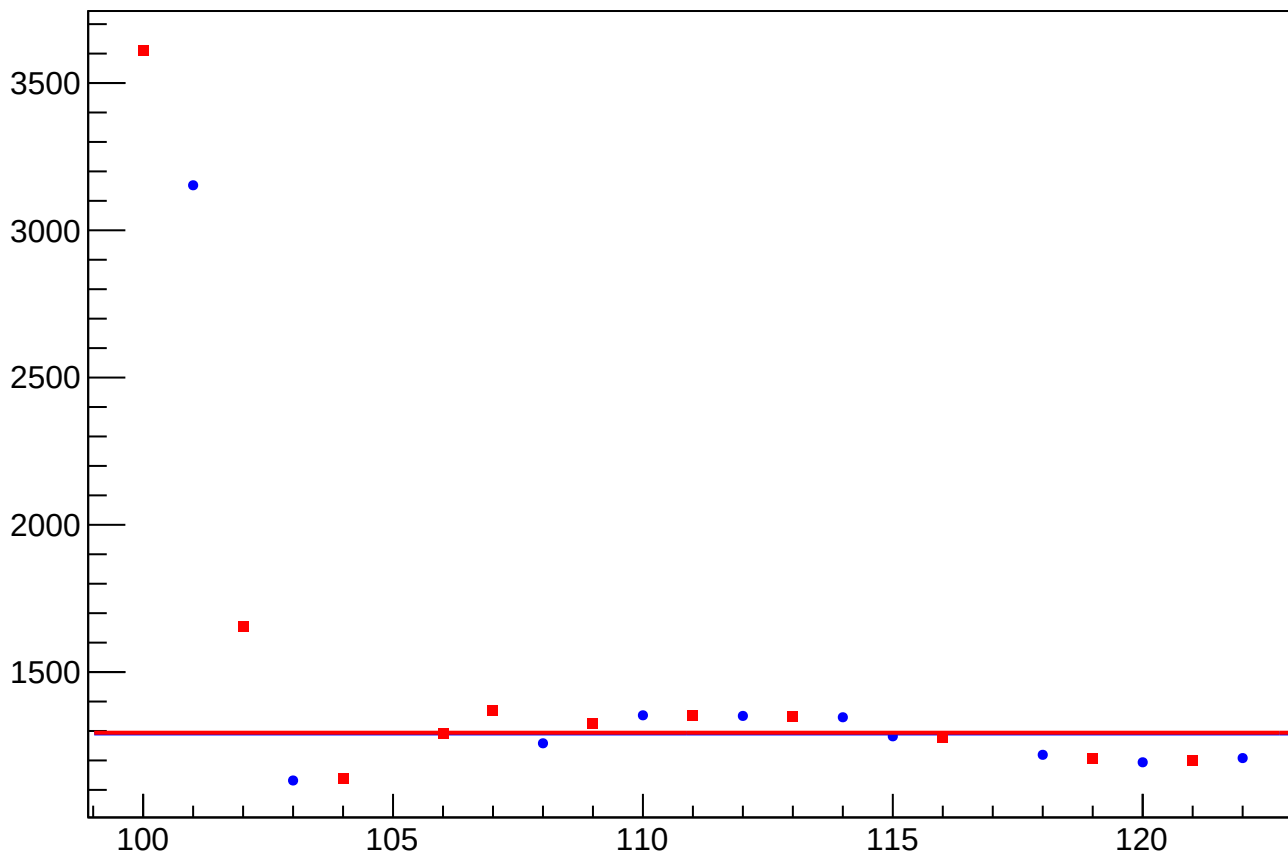
Right: -119.100+/-454.762 χ^2/NDF : 25.8/20

In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.100+/-454.762 χ^2/NDF : 25.8/20

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: 1294.161+/-0.443 χ^2/NDF : 143346.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

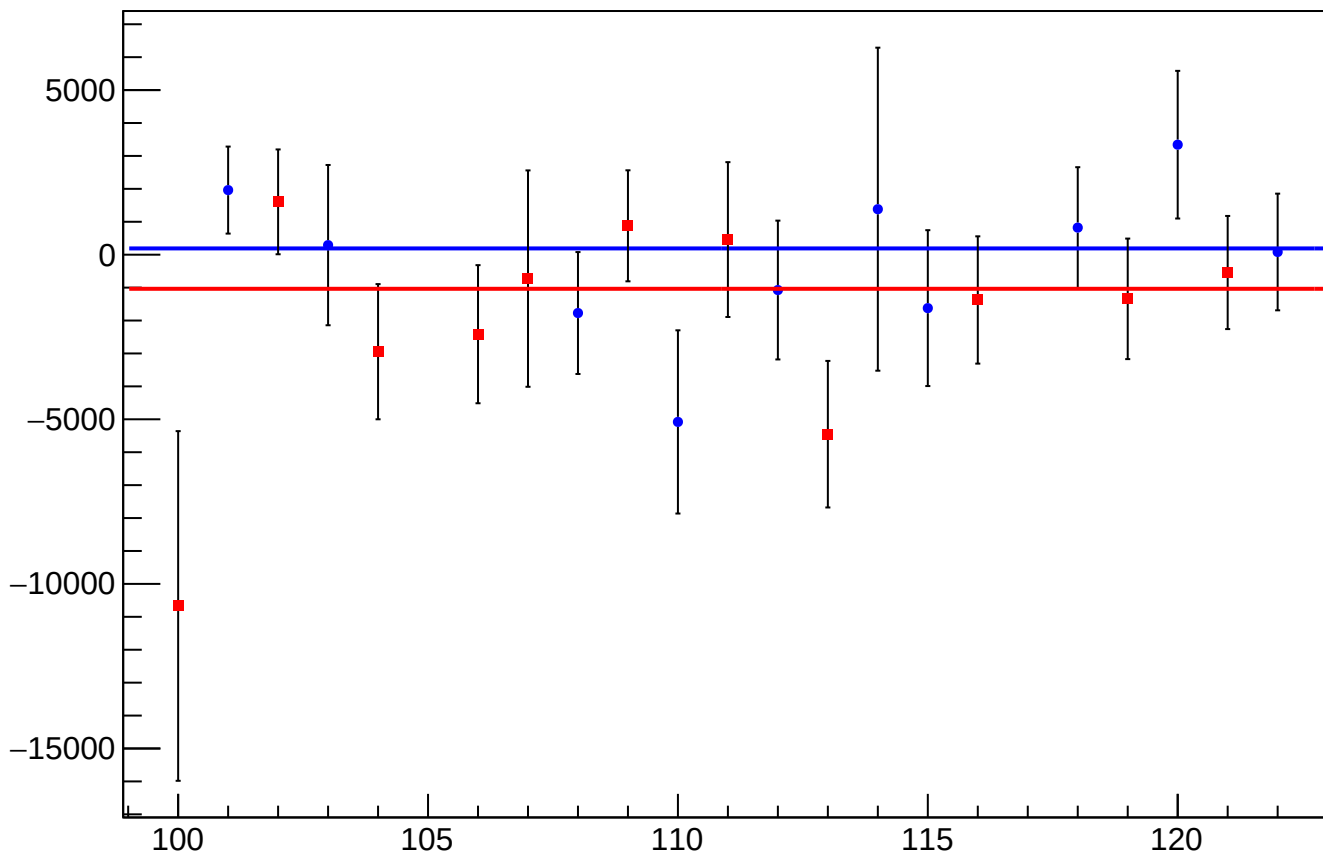
Right: 1292.963+/-0.322 χ^2/NDF : 640459.6/20

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.963+/-0.322 χ^2/NDF : 640459.6/20

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: -1035.991+/-617.100 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

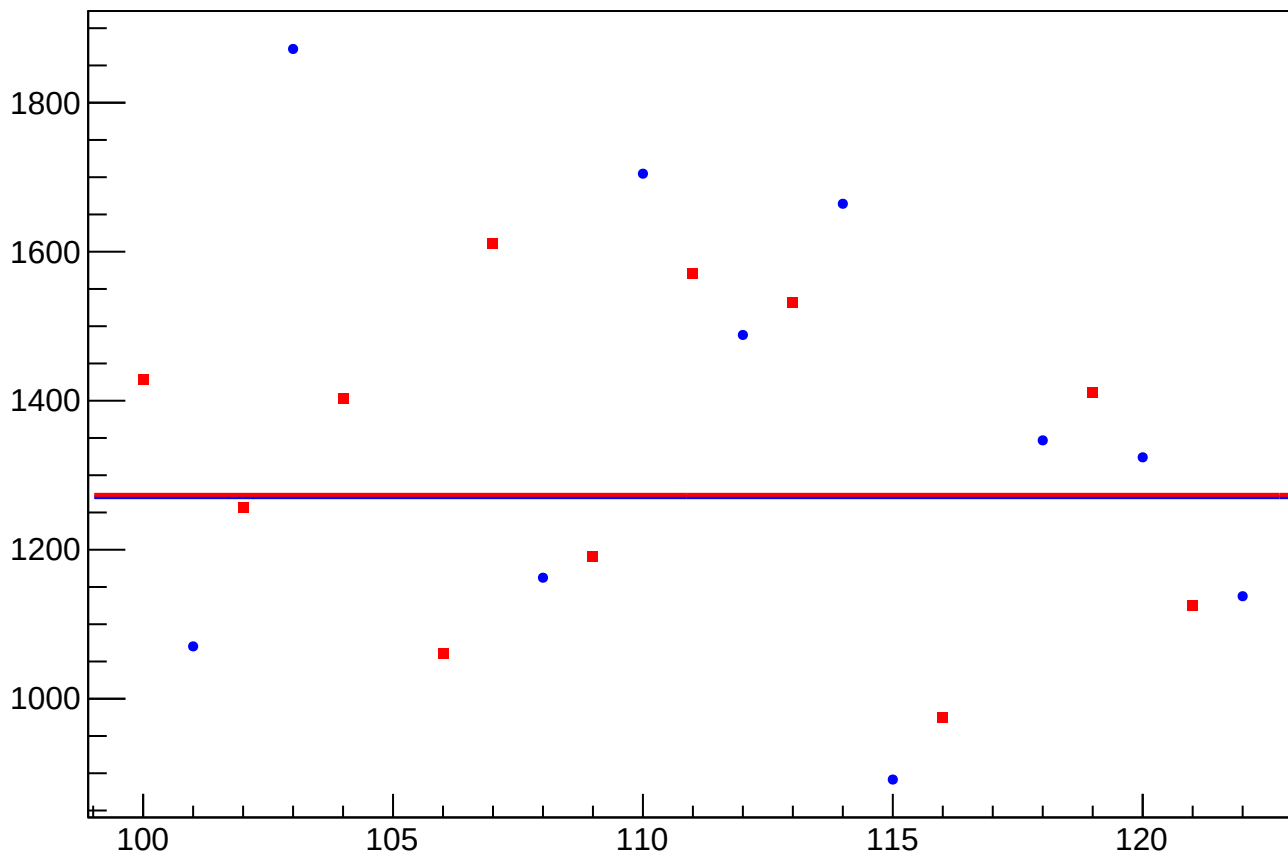
Right: -447.735+/-445.122 χ^2/NDF : 24.6/20

In: 190.284+/-642.672 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -447.735+/-445.122 χ^2/NDF : 24.6/20

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: 1273.713+/-0.436 χ^2/NDF : 189301.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

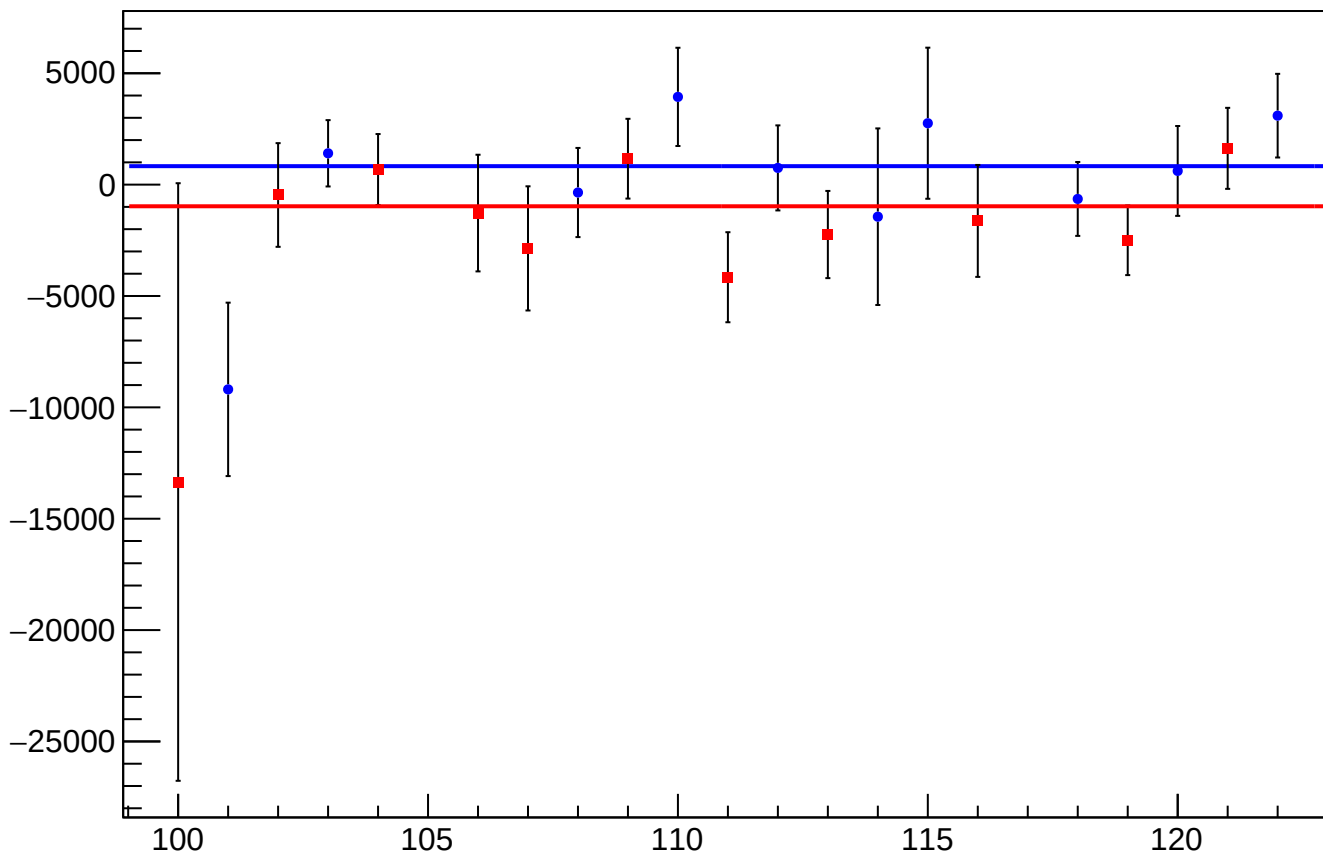
Right: 1272.203+/-0.315 χ^2/NDF : 514218.0/20

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.203+/-0.315 χ^2/NDF : 514218.0/20

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: -971.807+/-626.721 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

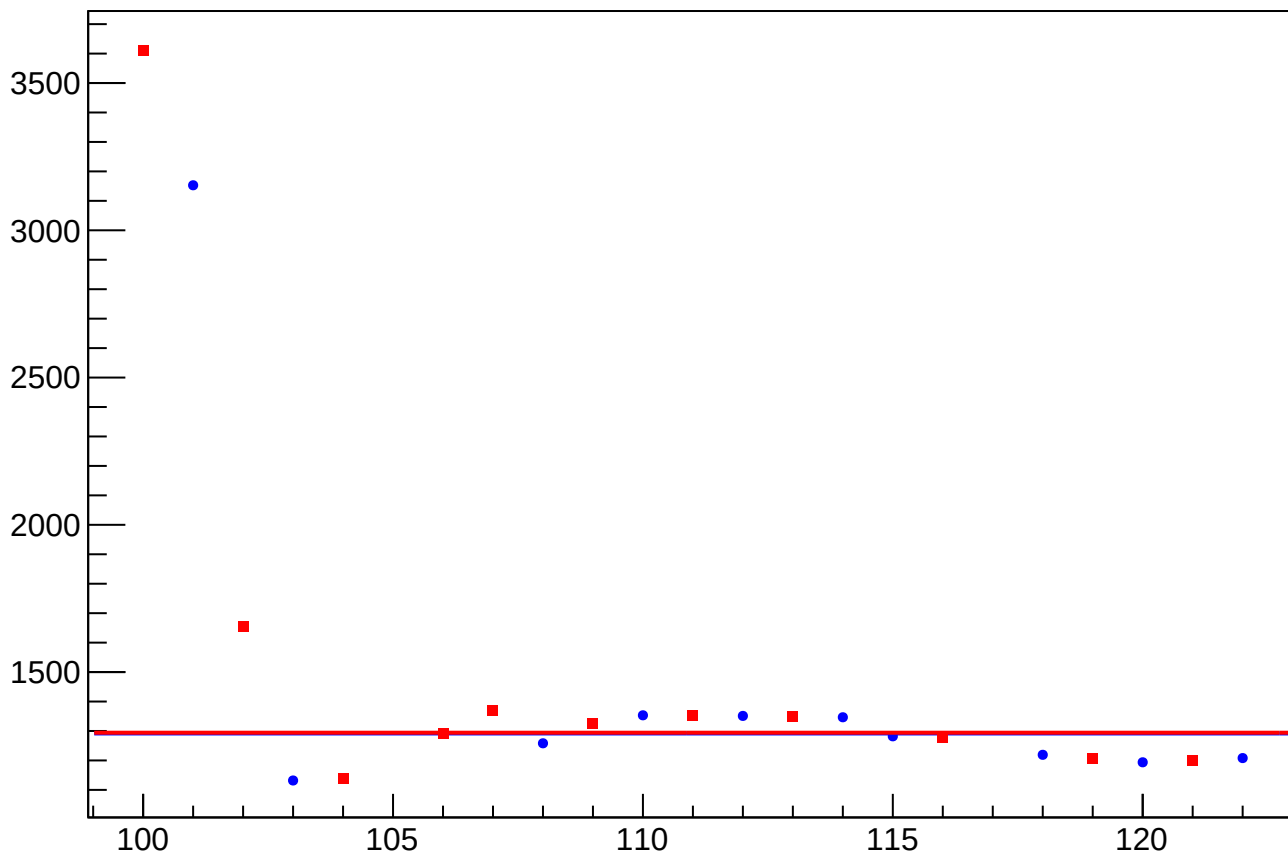
Right: -119.100+/-454.762 χ^2/NDF : 25.8/20

In: 829.147+/-660.899 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -119.100+/-454.762 χ^2/NDF : 25.8/20

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: 1294.161+/-0.443 χ^2/NDF : 143346.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

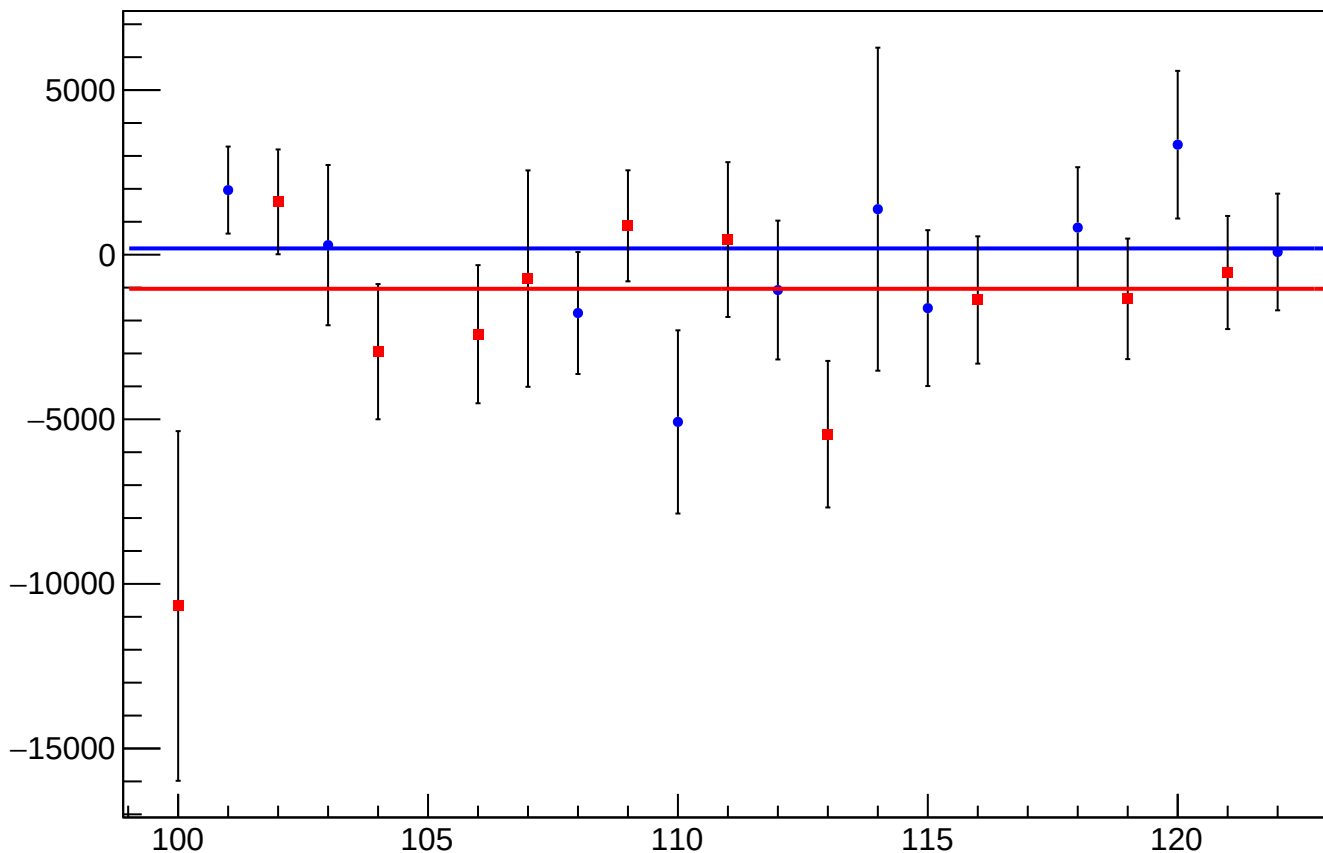
Right: 1292.963+/-0.322 χ^2/NDF : 640459.6/20

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.963+/-0.322 χ^2/NDF : 640459.6/20

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: -1035.991+/-617.100 χ^2/NDF : 13.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

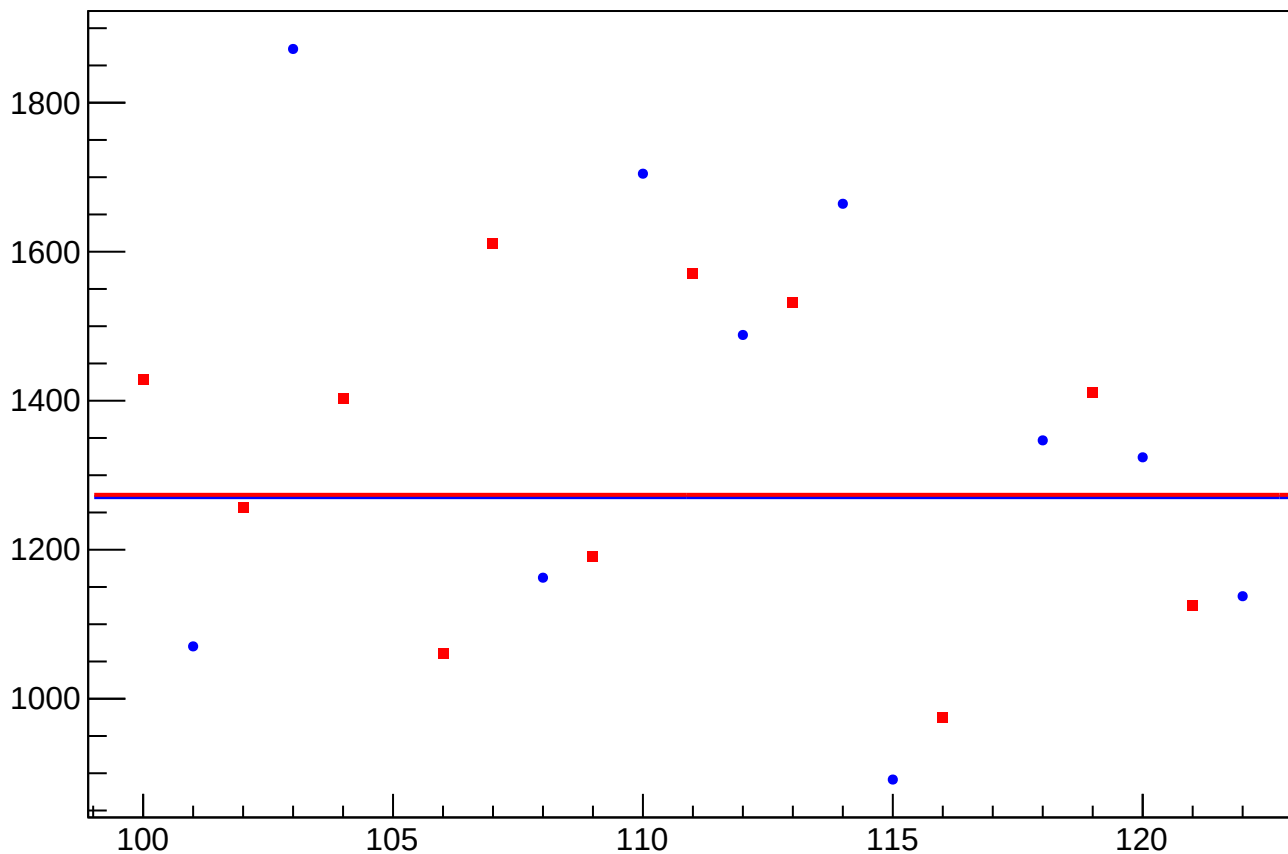
Right: -447.735+/-445.122 χ^2/NDF : 24.6/20

In: 190.284+/-642.672 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -447.735+/-445.122 χ^2/NDF : 24.6/20

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: 1273.713+/-0.436 χ^2/NDF : 189301.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

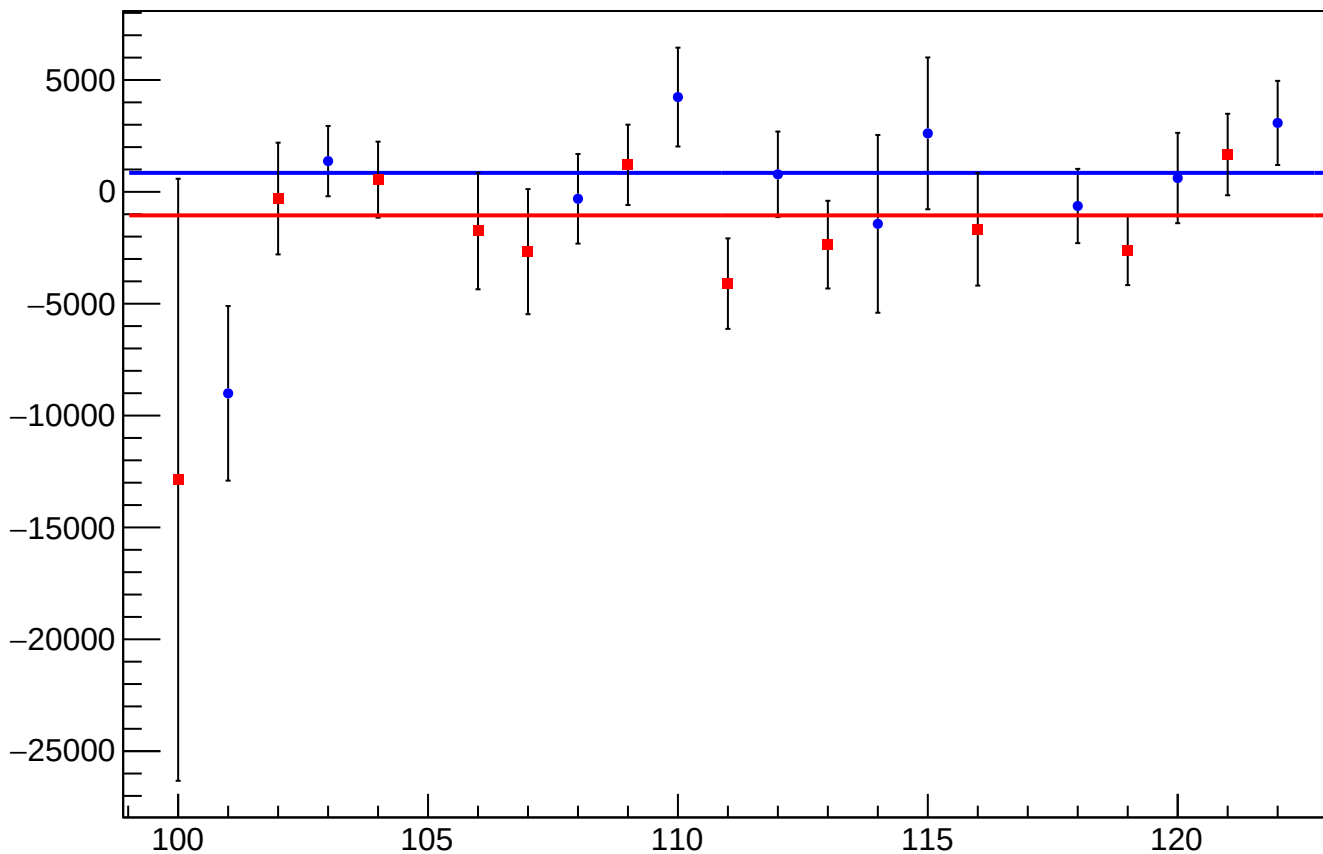
Right: 1272.203+/-0.315 χ^2/NDF : 514218.0/20

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.203+/-0.315 χ^2/NDF : 514218.0/20

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: -1050.738+/-636.192 χ^2/NDF : 9.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

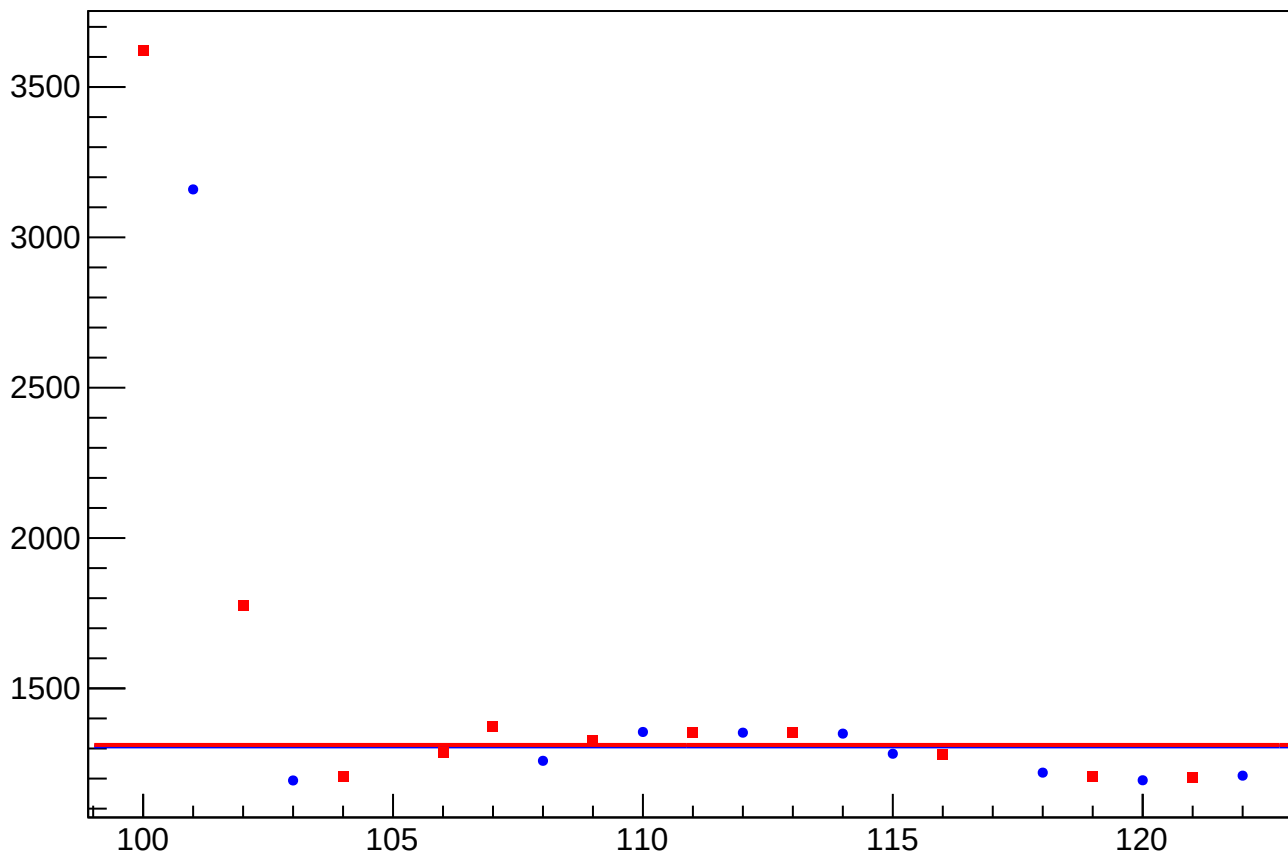
Right: -147.642+/-460.737 χ^2/NDF : 26.0/20

In: 848.444+/-668.144 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.642+/-460.737 χ^2/NDF : 26.0/20

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: 1311.908+/-0.450 χ^2/NDF : 154938.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

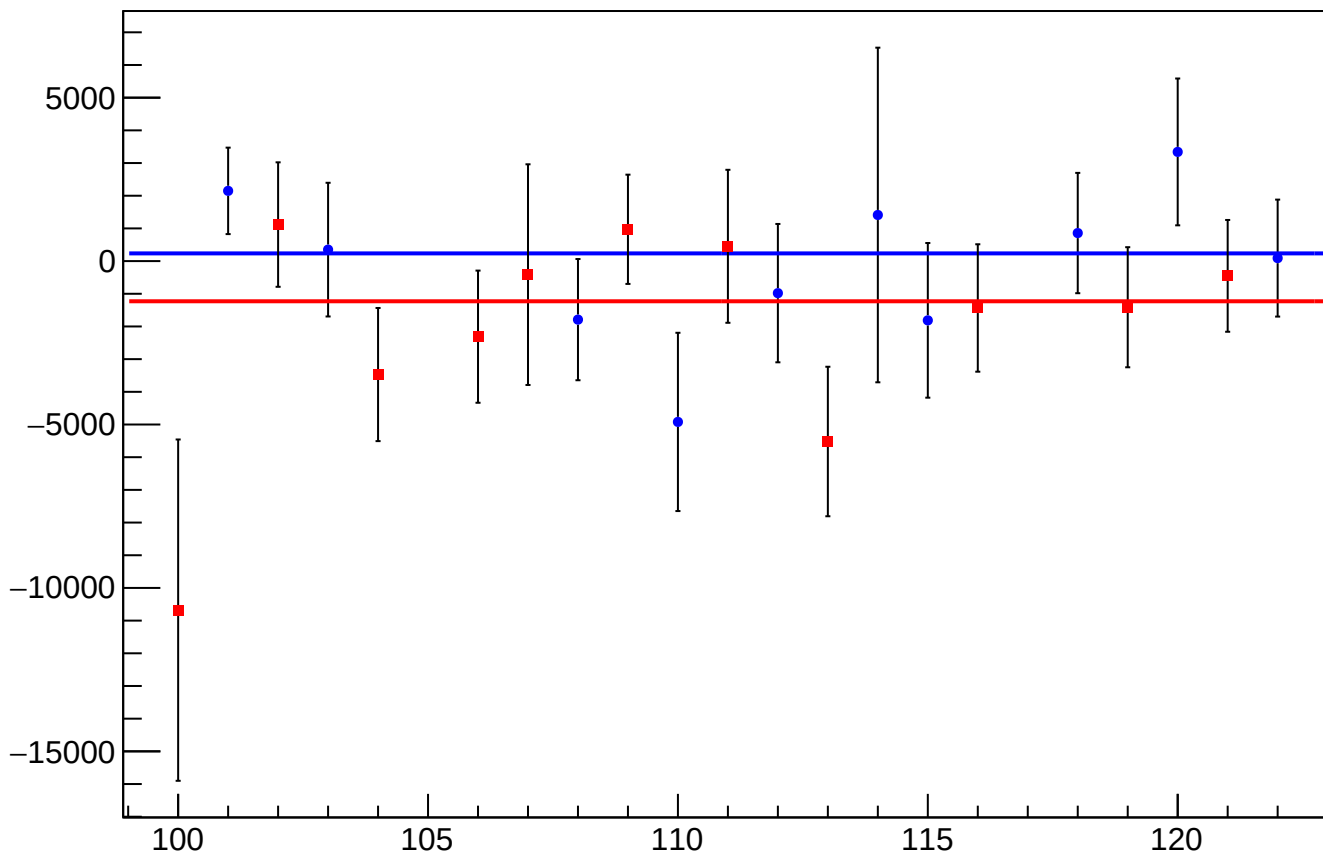
Right: 1309.573+/-0.326 χ^2/NDF : 636989.8/20

In: 1306.999+/-0.472 χ^2/NDF : 481994.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.573+/-0.326 χ^2/NDF : 636989.8/20

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: -1229.462+/-630.065 χ^2/NDF : 12.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

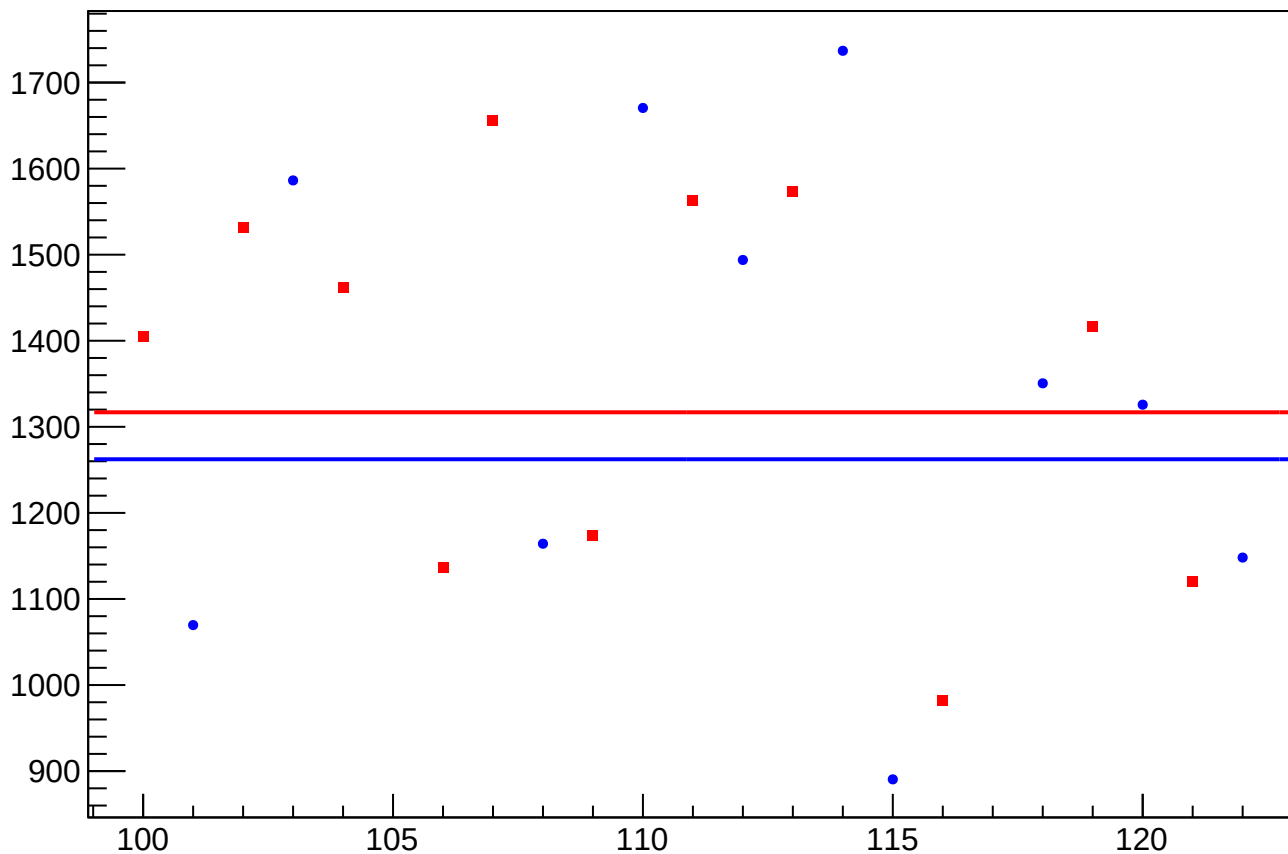
Right: -502.395+/-447.186 χ^2/NDF : 25.1/20

In: 235.627+/-634.794 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.395+/-447.186 χ^2/NDF : 25.1/20

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: 1316.879+/-0.446 χ^2/NDF : 225387.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

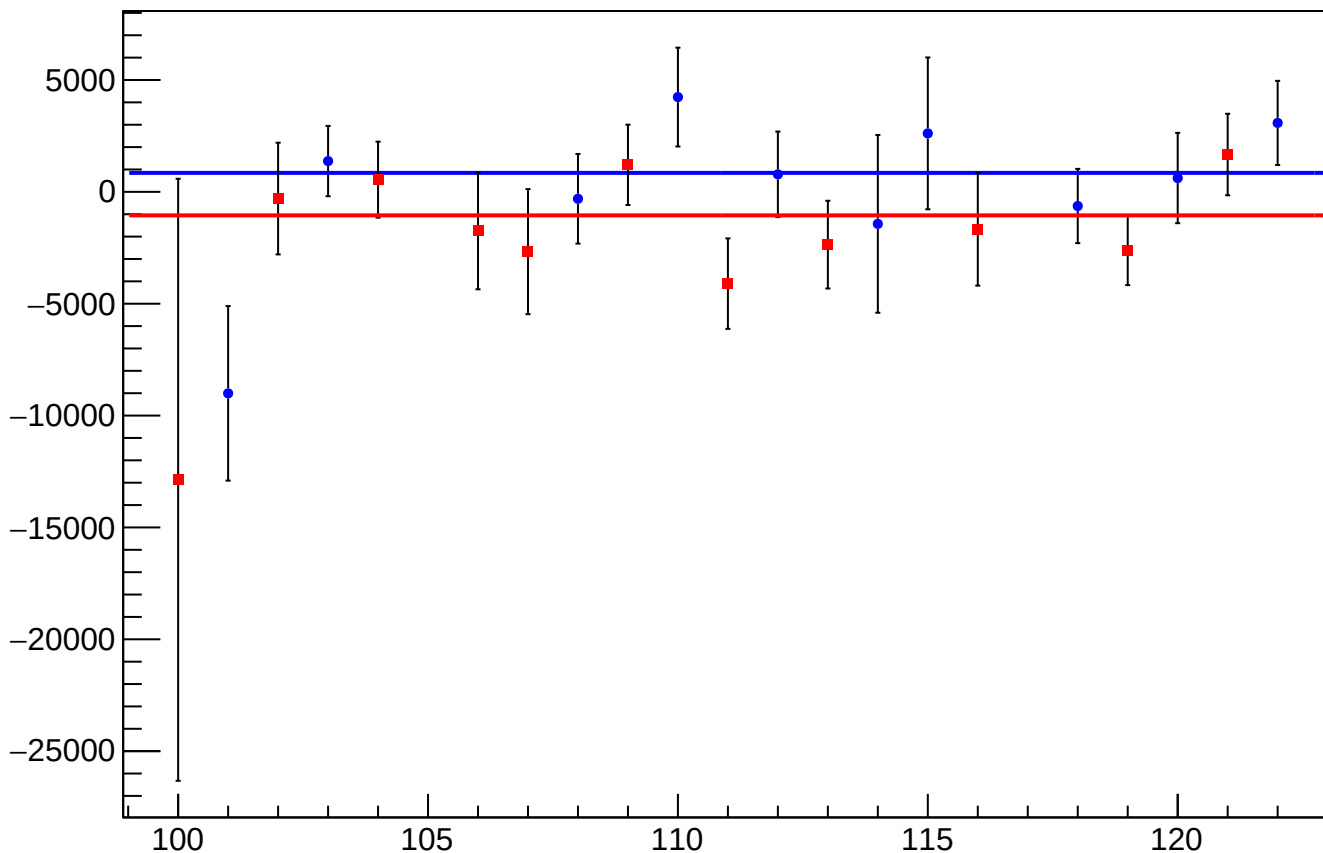
Right: 1289.799+/-0.316 χ^2/NDF : 480718.4/20

In: 1262.311+/-0.449 χ^2/NDF : 247885.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.799+/-0.316 χ^2/NDF : 480718.4/20

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: -1050.739+/-636.192 χ^2/NDF : 9.7/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

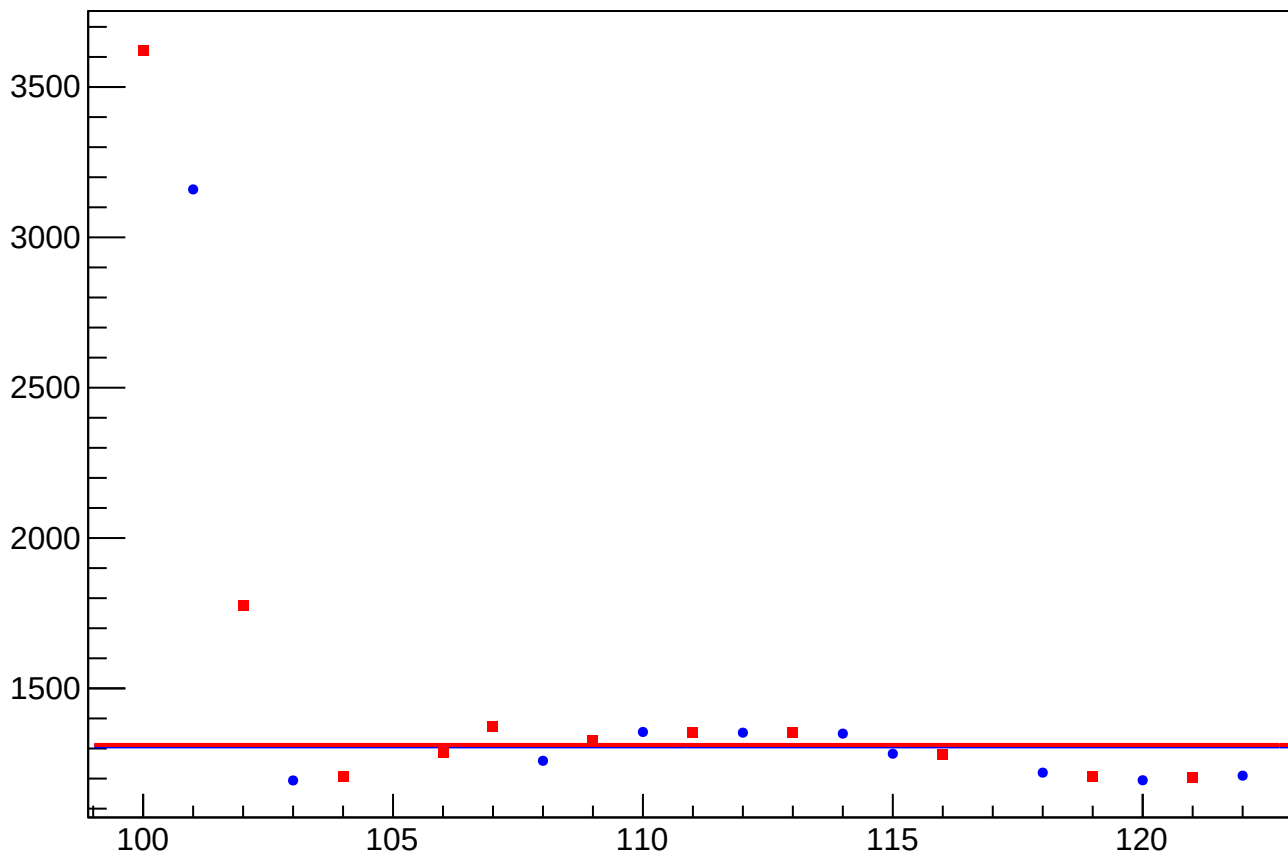
Right: -147.645+/-460.737 χ^2/NDF : 26.0/20

In: 848.440+/-668.144 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.645+/-460.737 χ^2/NDF : 26.0/20

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: 1311.907+/-0.450 χ^2/NDF : 154938.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

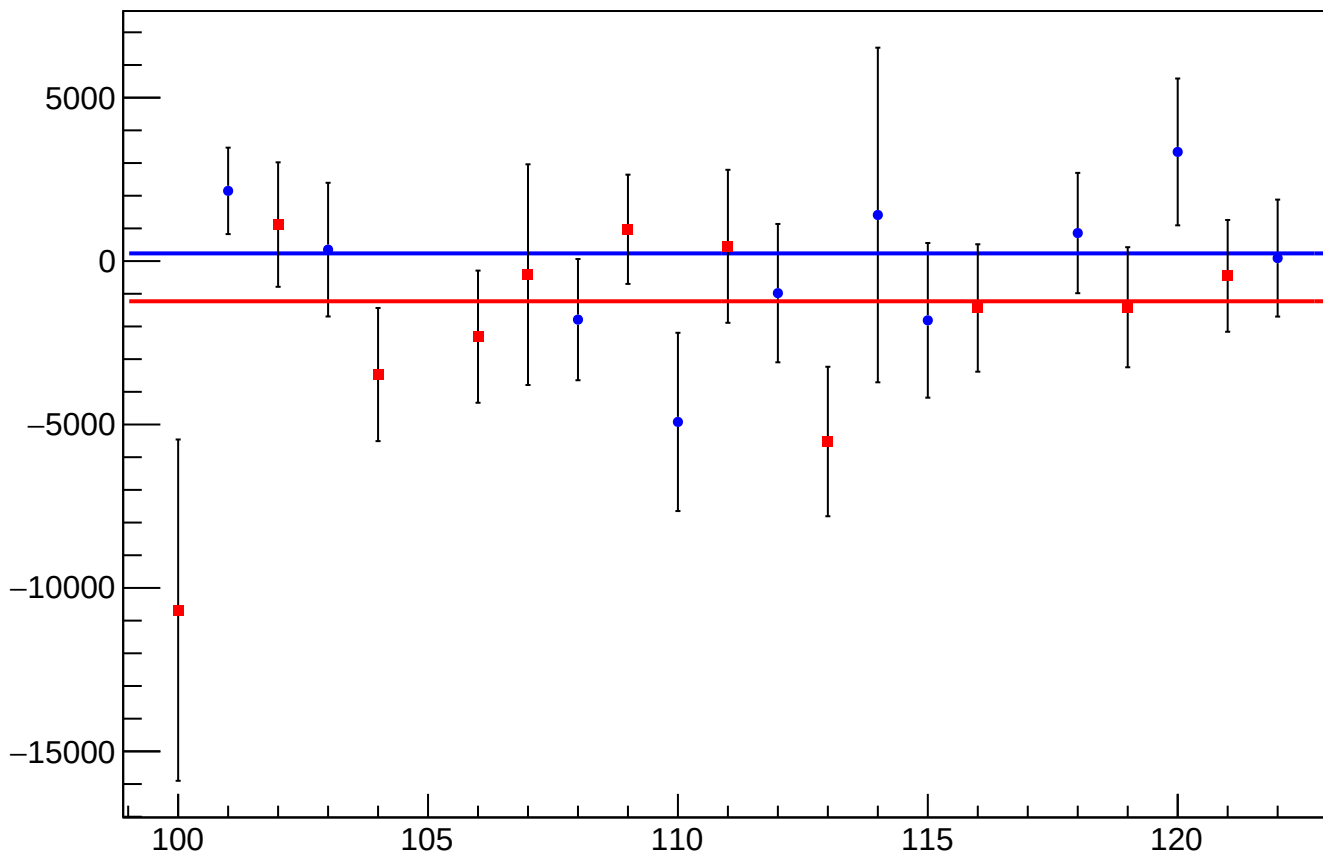
Right: 1309.573+/-0.326 χ^2/NDF : 636989.8/20

In: 1306.999+/-0.472 χ^2/NDF : 481994.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.573+/-0.326 χ^2/NDF : 636989.8/20

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: -1229.464+/-630.065 χ^2/NDF : 12.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

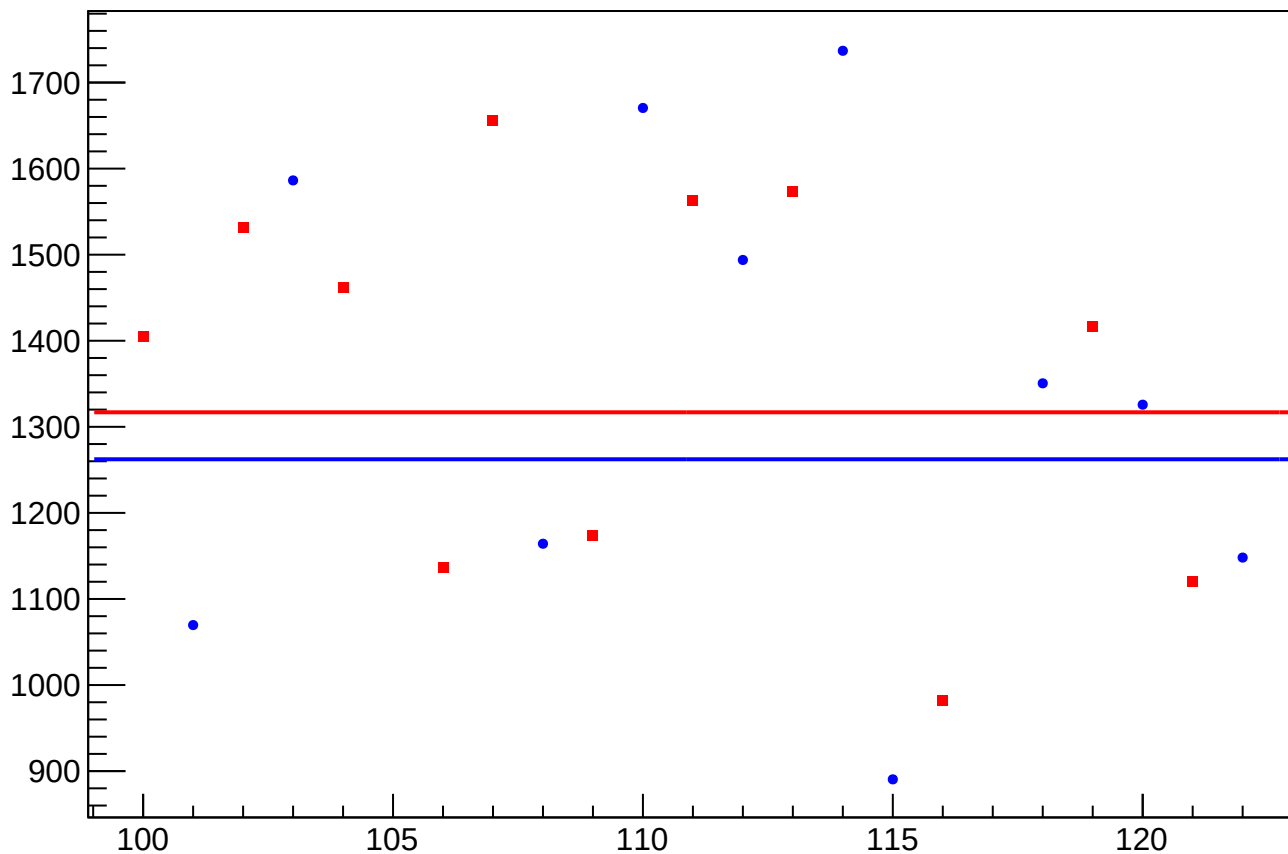
Right: -502.394+/-447.185 χ^2/NDF : 25.1/20

In: 235.626+/-634.792 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.394+/-447.185 χ^2/NDF : 25.1/20

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: 1316.879+/-0.446 χ^2/NDF : 225388.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

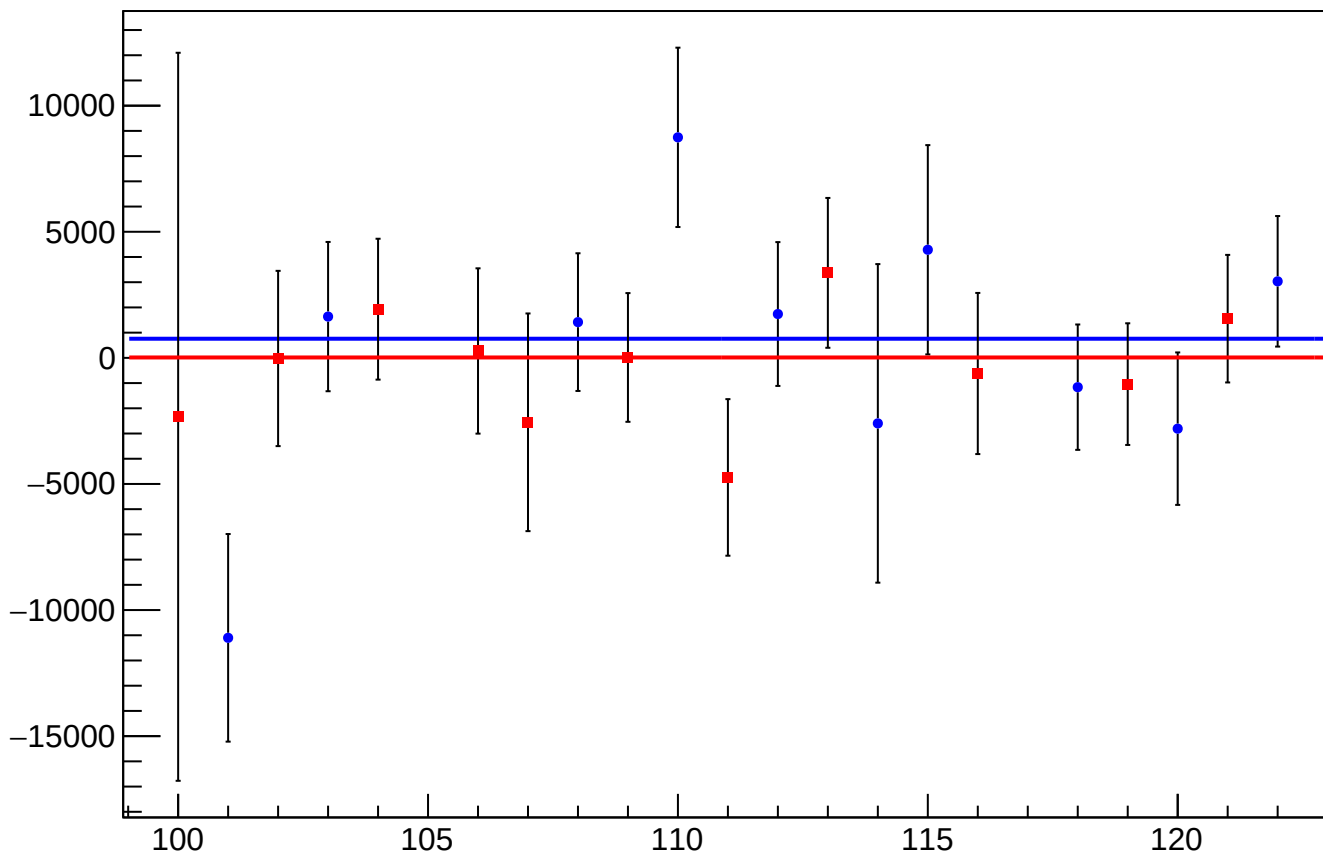
Right: 1289.797+/-0.316 χ^2/NDF : 480726.3/20

In: 1262.306+/-0.449 χ^2/NDF : 247891.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.797+/-0.316 χ^2/NDF : 480726.3/20

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: 15.669+/-928.729 χ^2/NDF : 5.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

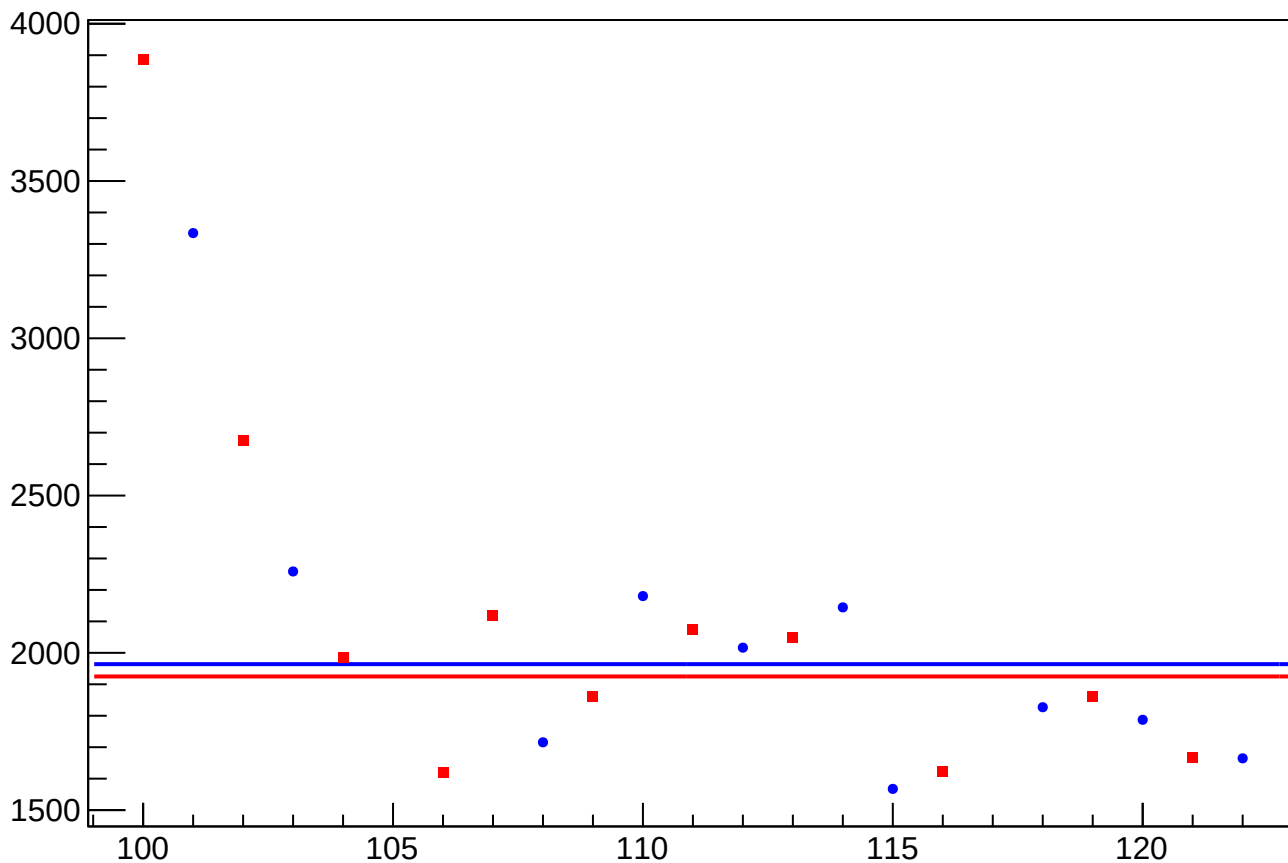
Right: 362.171+/-678.463 χ^2/NDF : 22.8/20

In: 758.713+/-993.530 χ^2/NDF : 17.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.171+/-678.463 χ^2/NDF : 22.8/20

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: 1924.843+/-0.657 χ^2/NDF : 201645.4/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

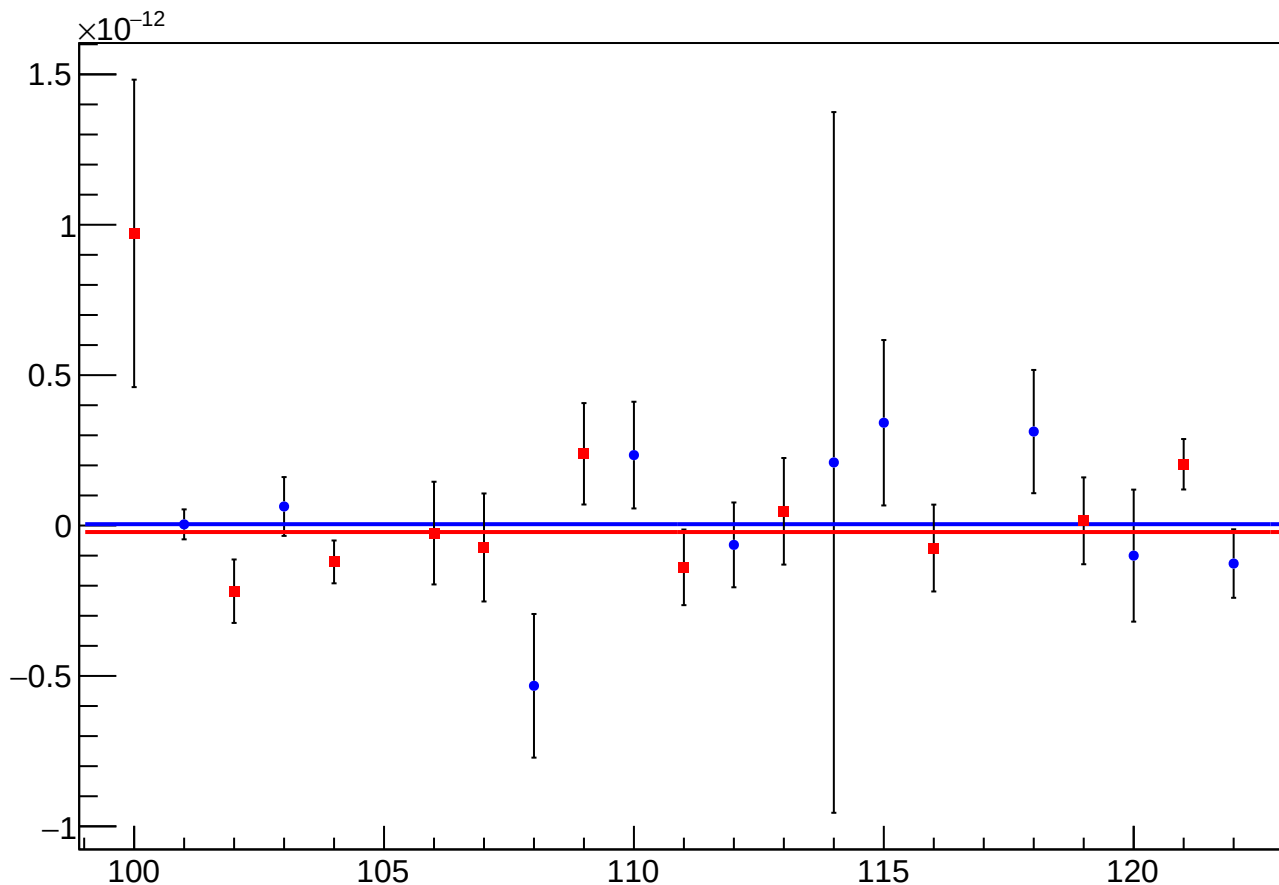
Right: 1943.133+/-0.480 χ^2/NDF : 529037.2/20

In: 1964.064+/-0.703 χ^2/NDF : 325728.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1943.133+/-0.480 χ^2/NDF : 529037.2/20

asym_atl_dd_atr_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 : 20.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

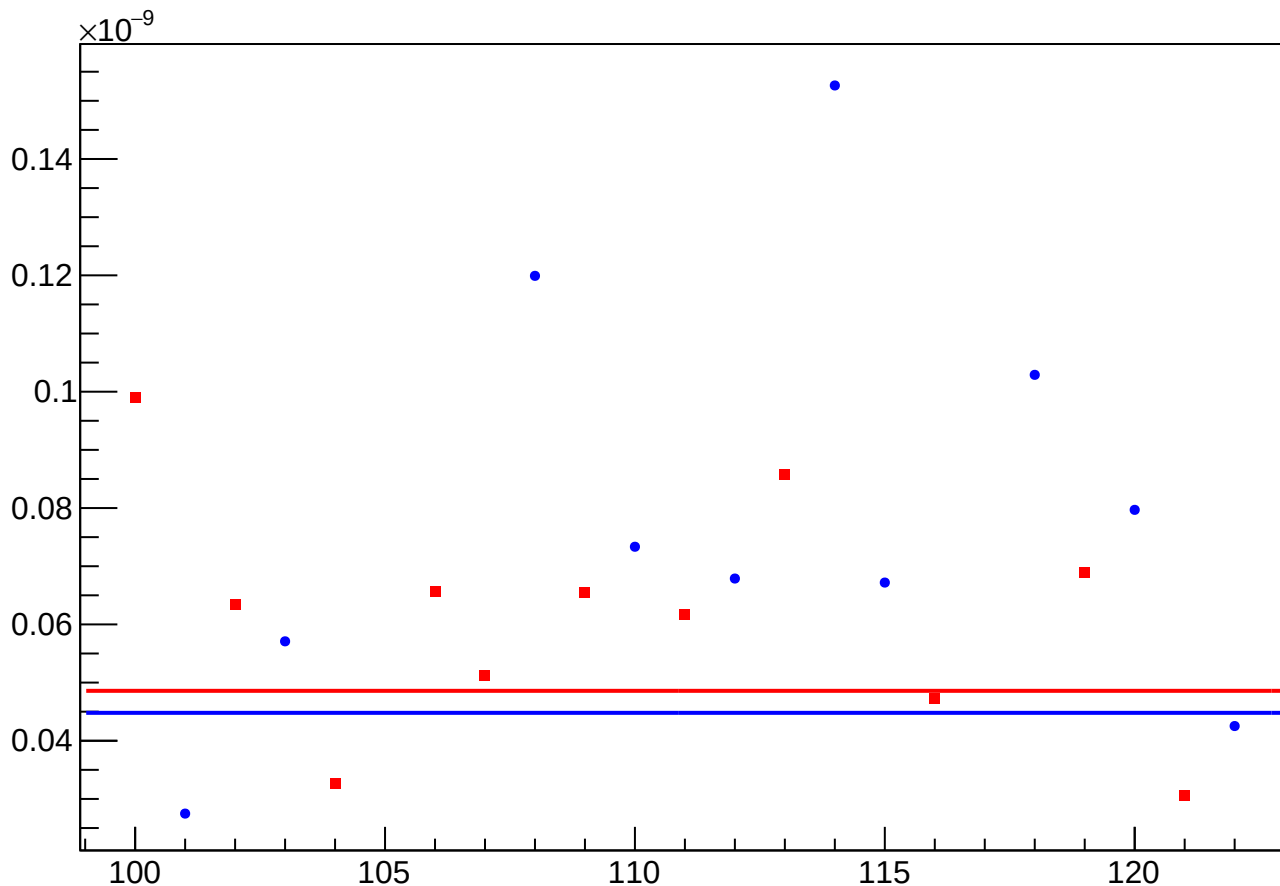
Right: -0.000+/-0.000 χ^2/NDF : 33.0/20

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 : 33.0/20

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 : 443342.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

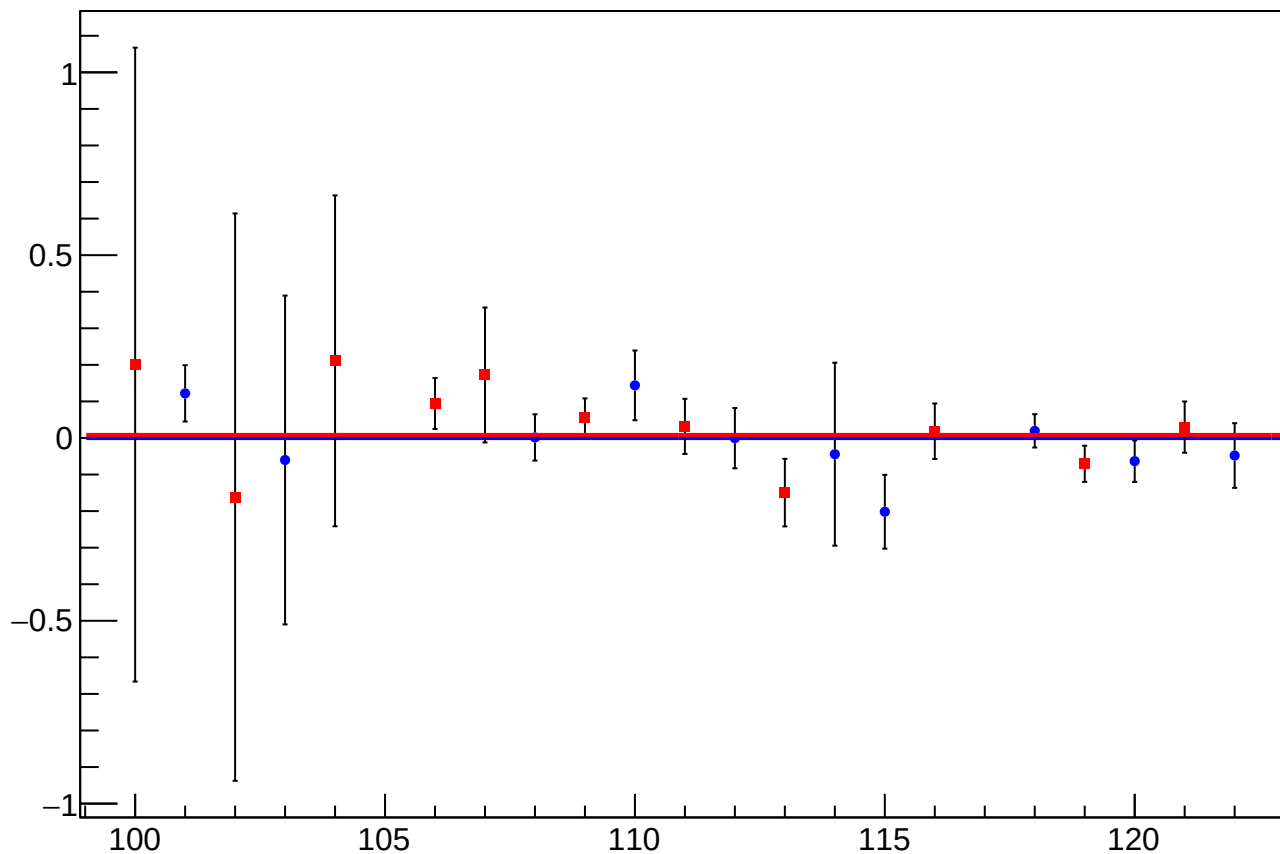
Right: 0.000+/-0.000 χ^2/NDF : 1273194.8/20

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 : 1273194.8/20

asym_atl_dd_atr_dd_dd_dit_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 : 9.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

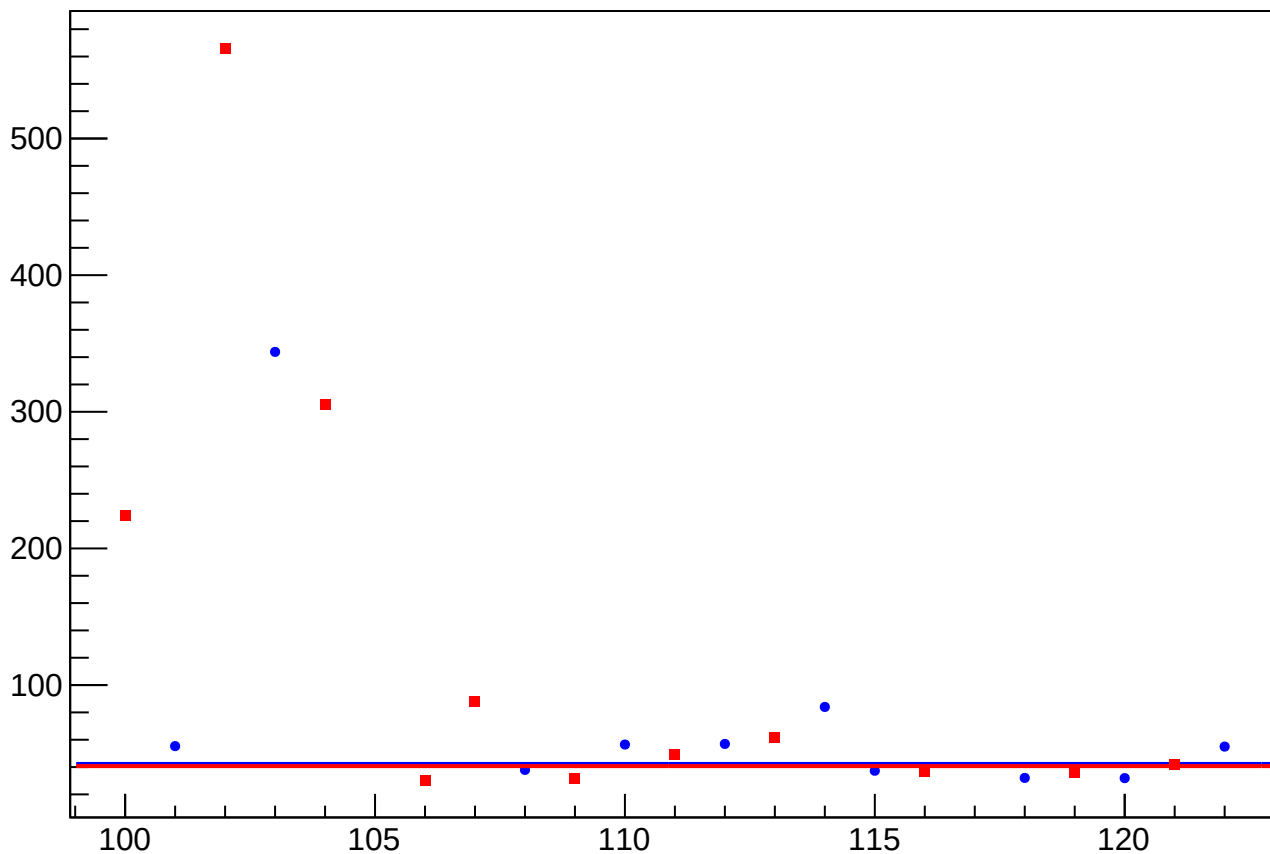
Right: 0.004 ± 0.017 χ^2/NDF : 19.7/20

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 : 19.7/20

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: 40.693+/-0.017 χ^2/NDF : 2085728.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

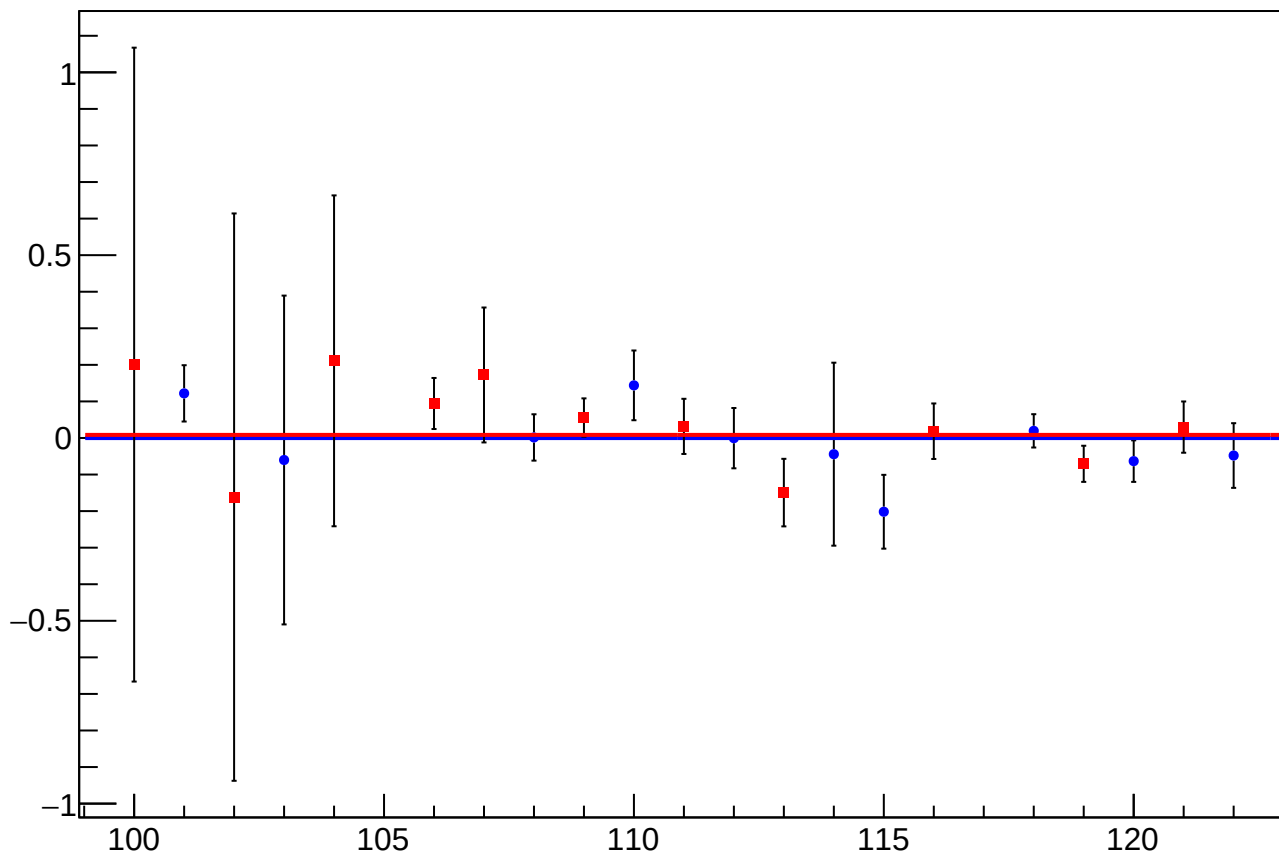
Right: 41.489+/-0.012 χ^2/NDF : 3432948.2/20

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.489+/-0.012 χ^2/NDF : 3432948.2/20

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 : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

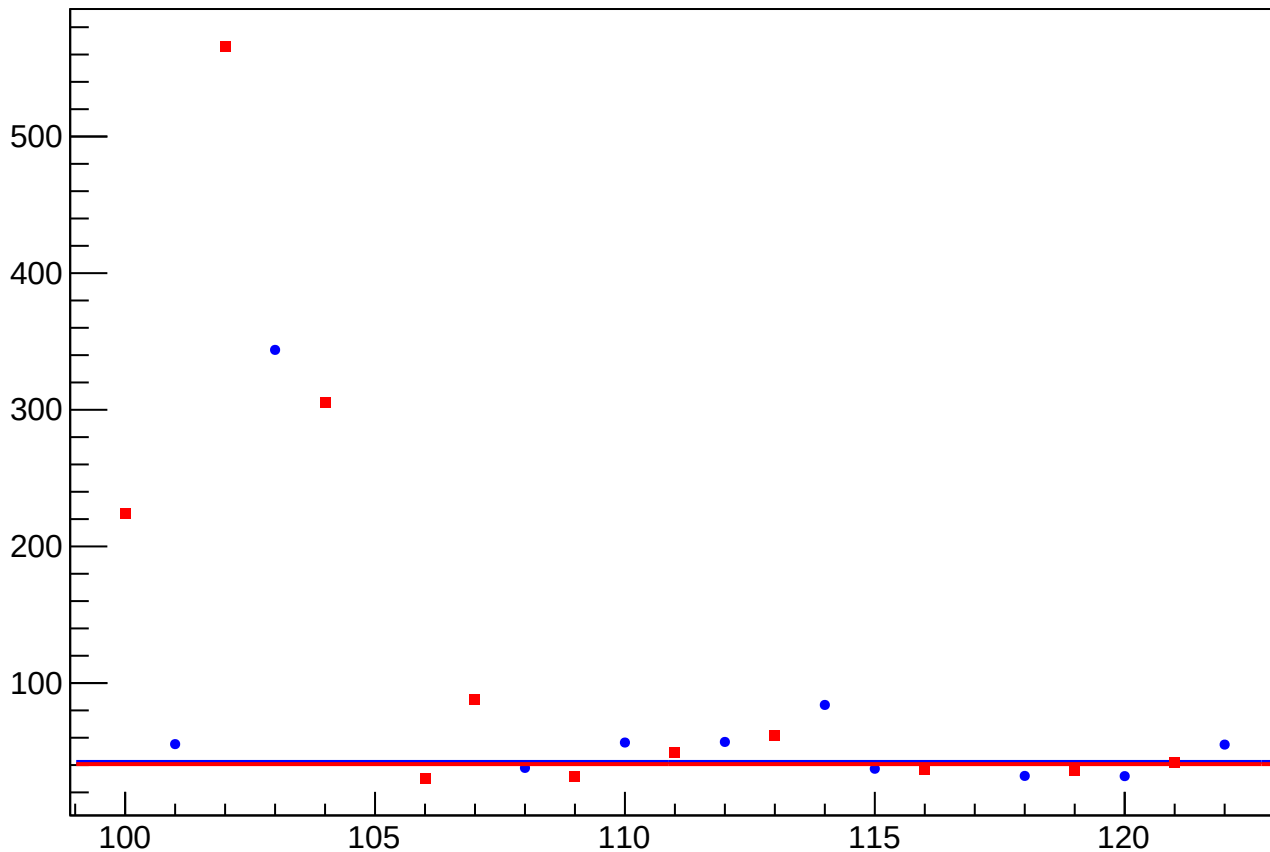
Right: 0.004+/-0.017 χ^2/NDF : 19.7/20

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 : 19.7/20

asym_atl_dd_atr_dd_dd_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: 40.693+/-0.017 χ^2/NDF : 2085728.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

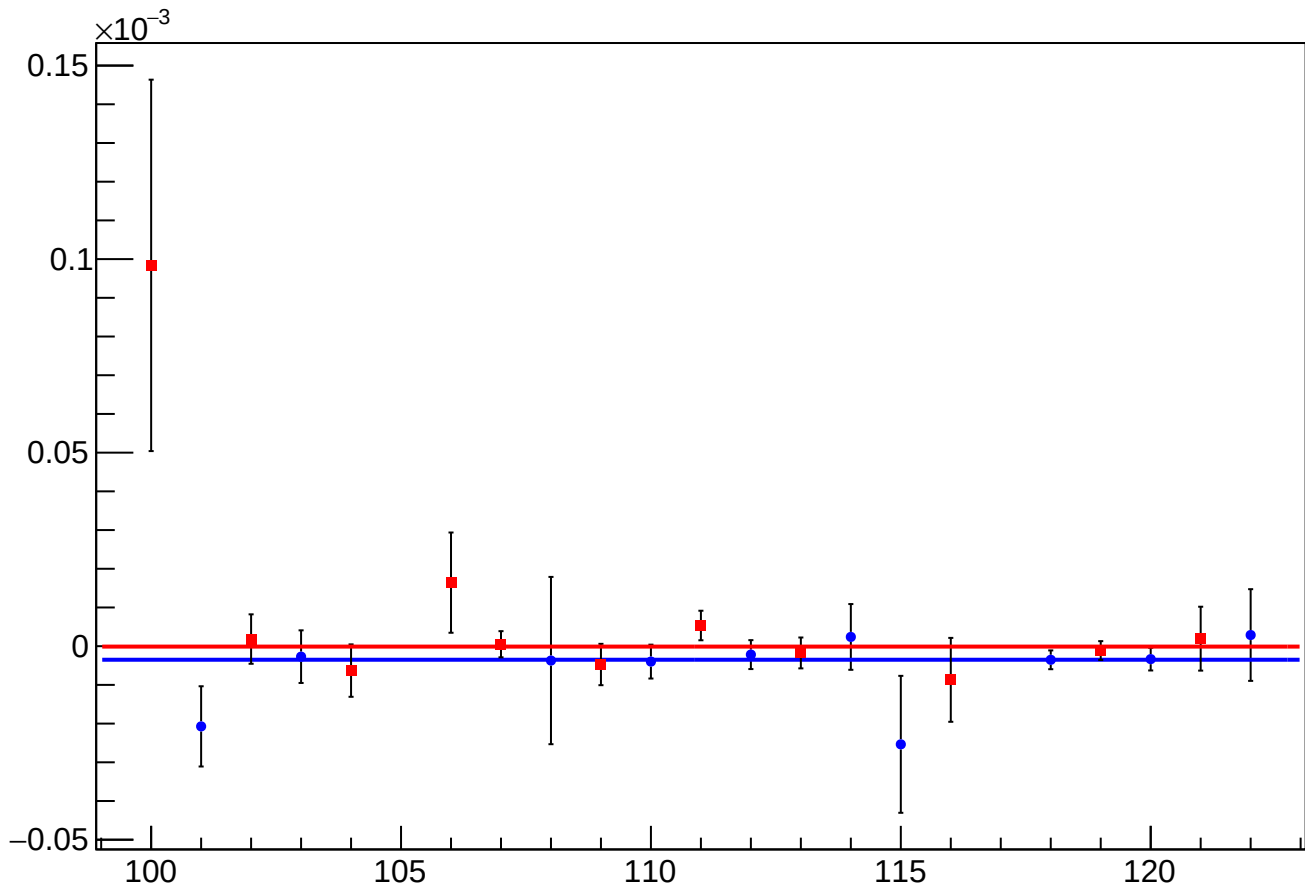
Right: 41.489+/-0.012 χ^2/NDF : 3432948.2/20

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.489+/-0.012 χ^2/NDF : 3432948.2/20

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: 10.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

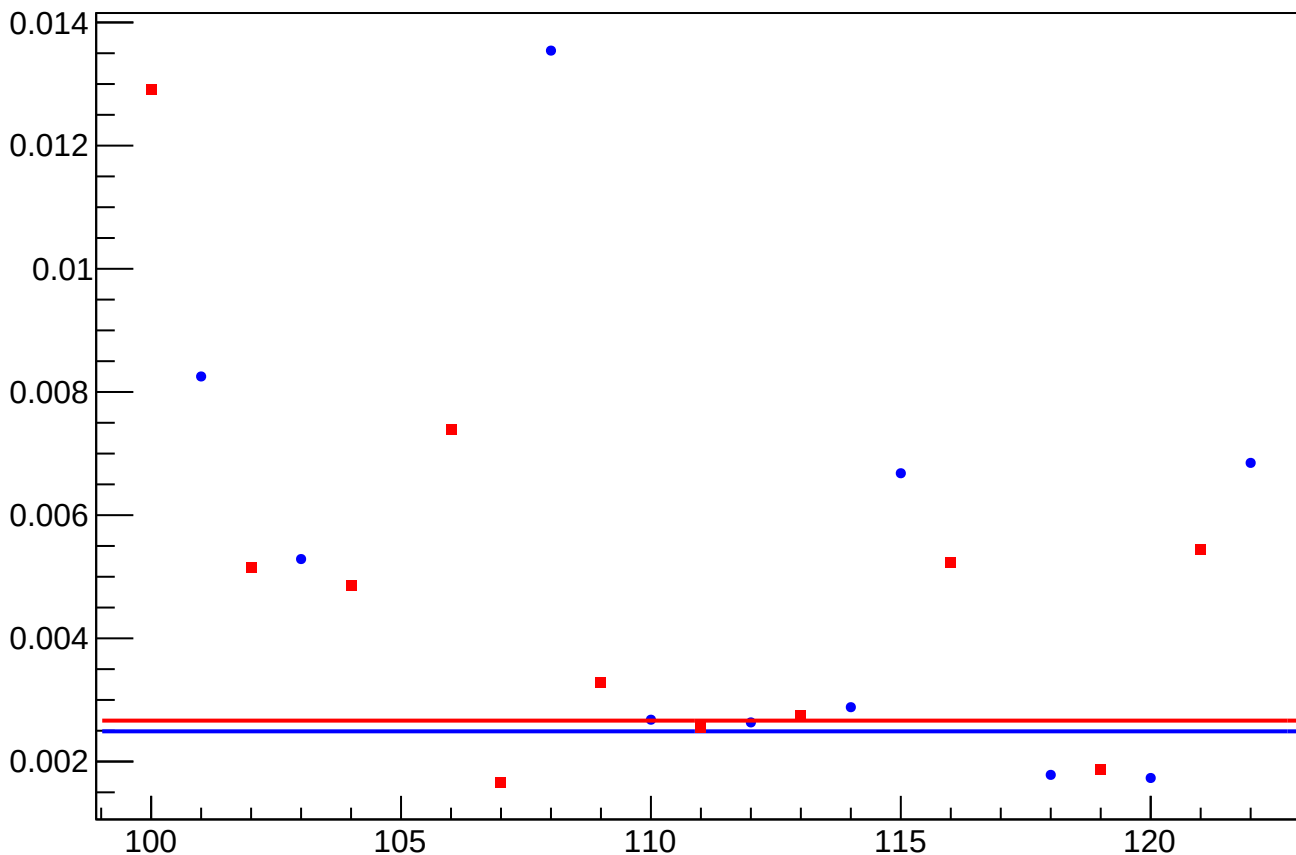
Right: -0.000+/-0.000 χ^2 /NDF: 18.6/20

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: 18.6/20

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 : 1628628.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

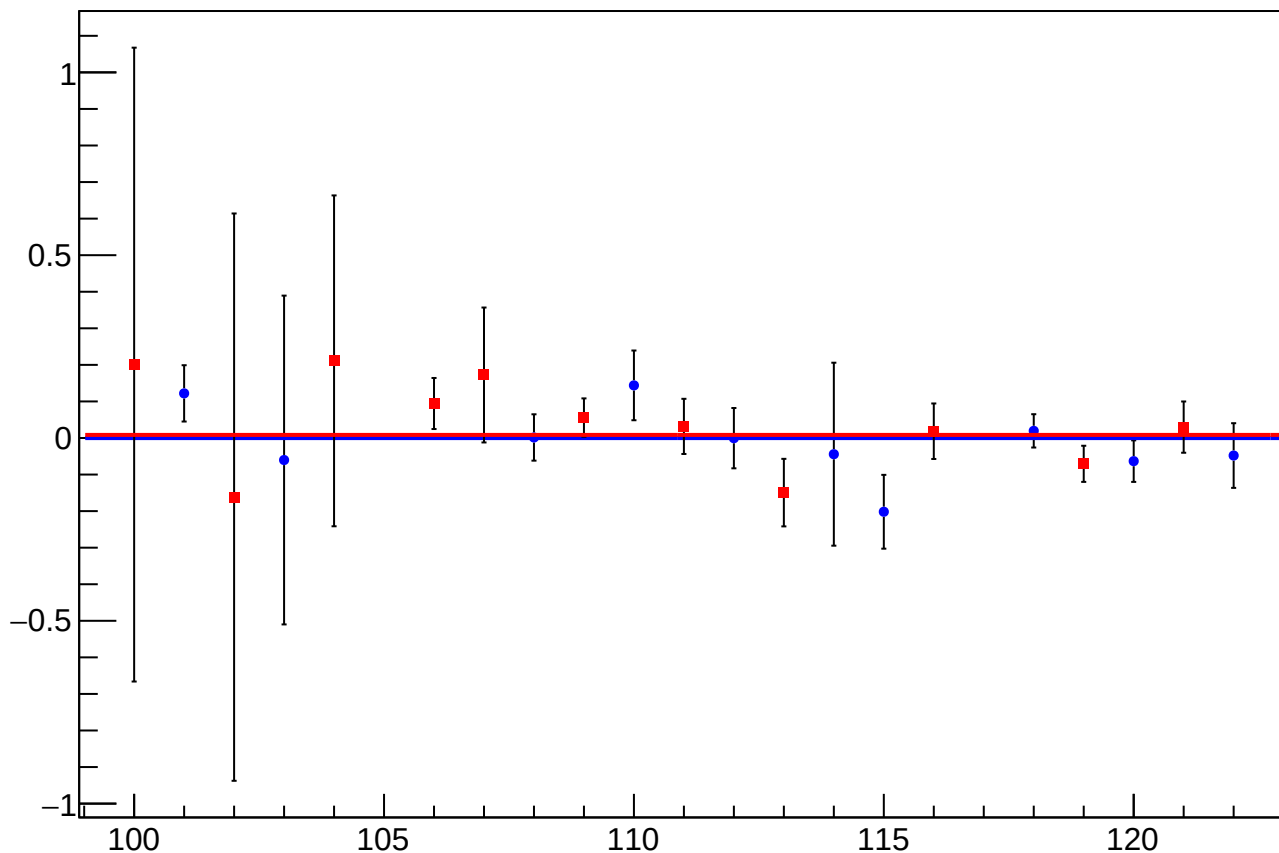
Right: 0.003+/-0.000 χ^2/NDF : 3819816.2/20

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 : 3819816.2/20

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 : 9.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

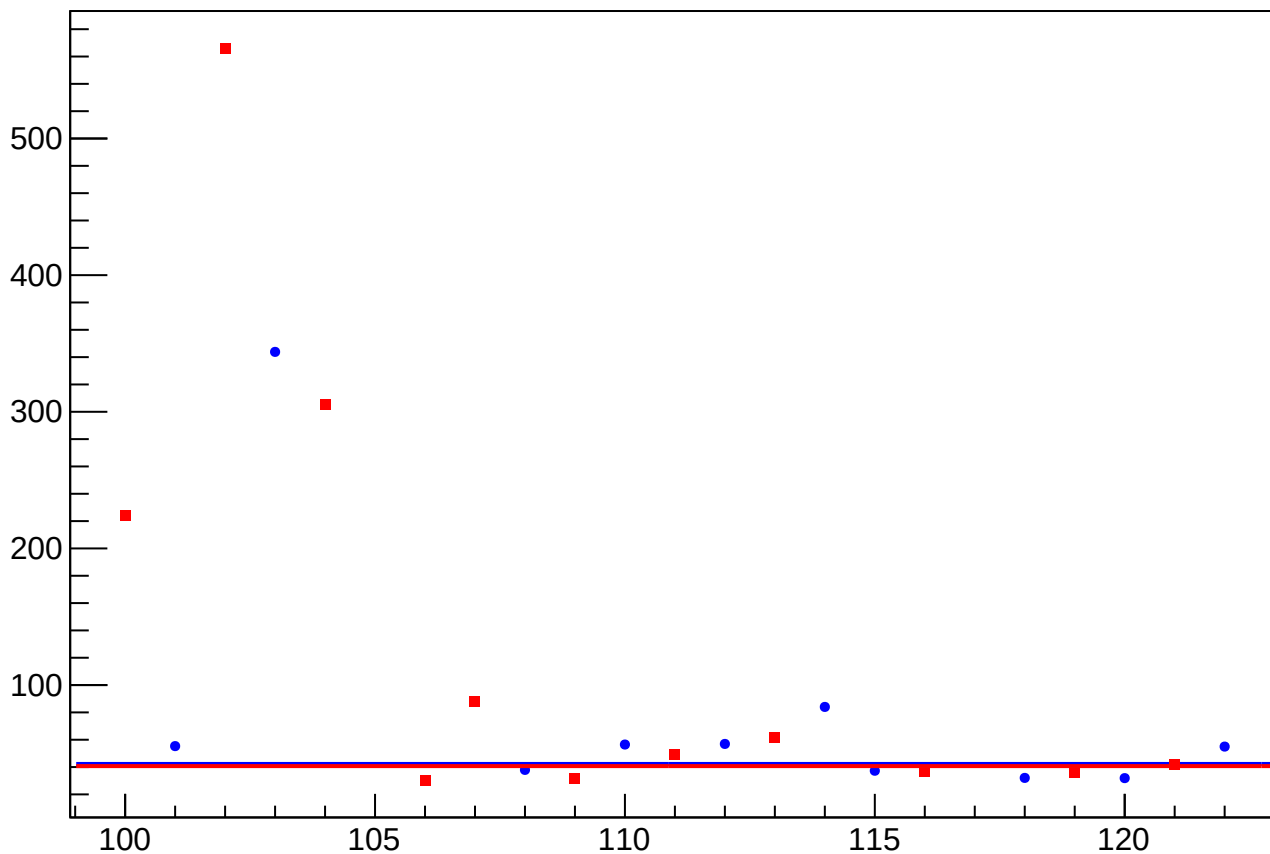
Right: 0.004 ± 0.017 χ^2/NDF : 19.7/20

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 : 19.7/20

asym_atl_dd_atr_dd_dd_eigen_dit_vs_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: 40.692+/-0.017 χ^2/NDF : 2085773.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

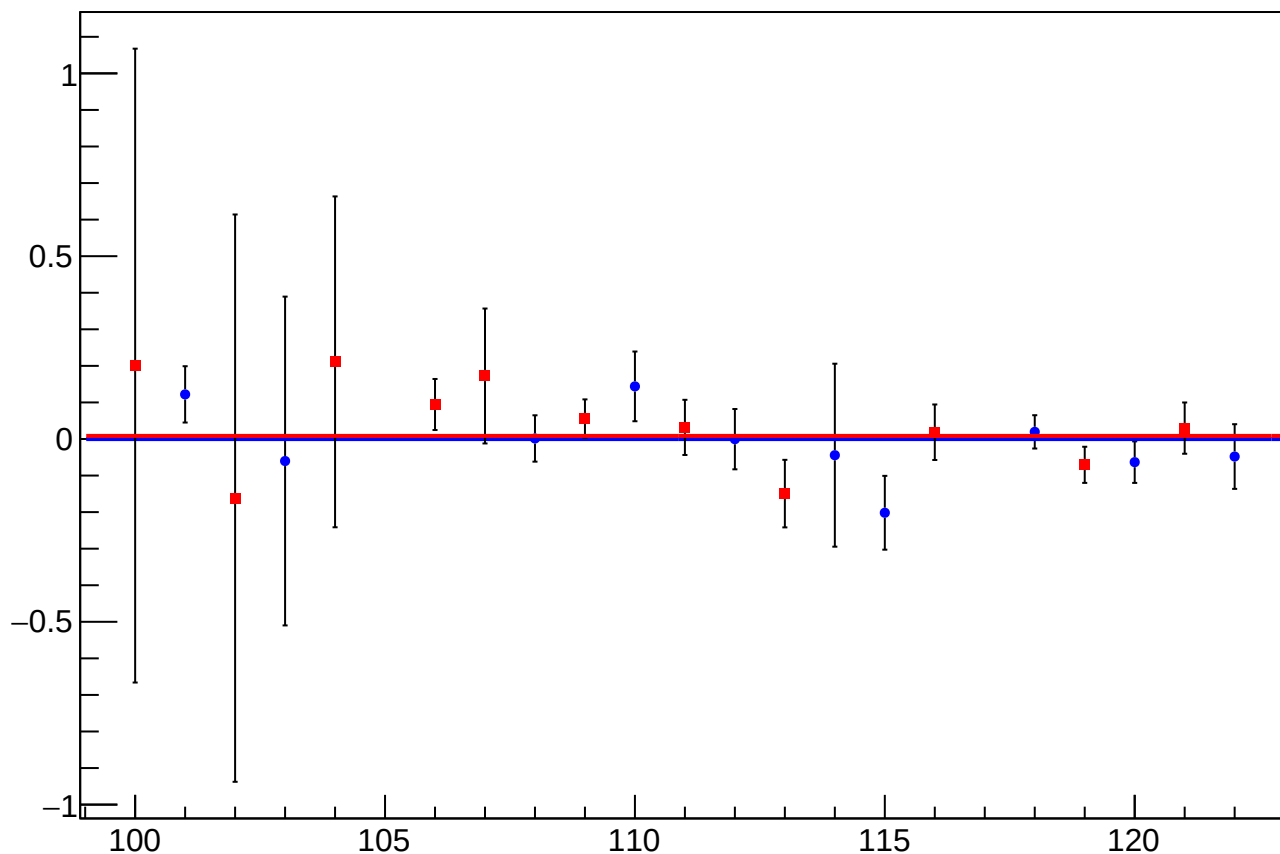
Right: 41.489+/-0.012 χ^2/NDF : 3432999.2/20

In: 42.274+/-0.017 χ^2/NDF : 1342971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.489+/-0.012 χ^2/NDF : 3432999.2/20

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 : 9.1/10

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

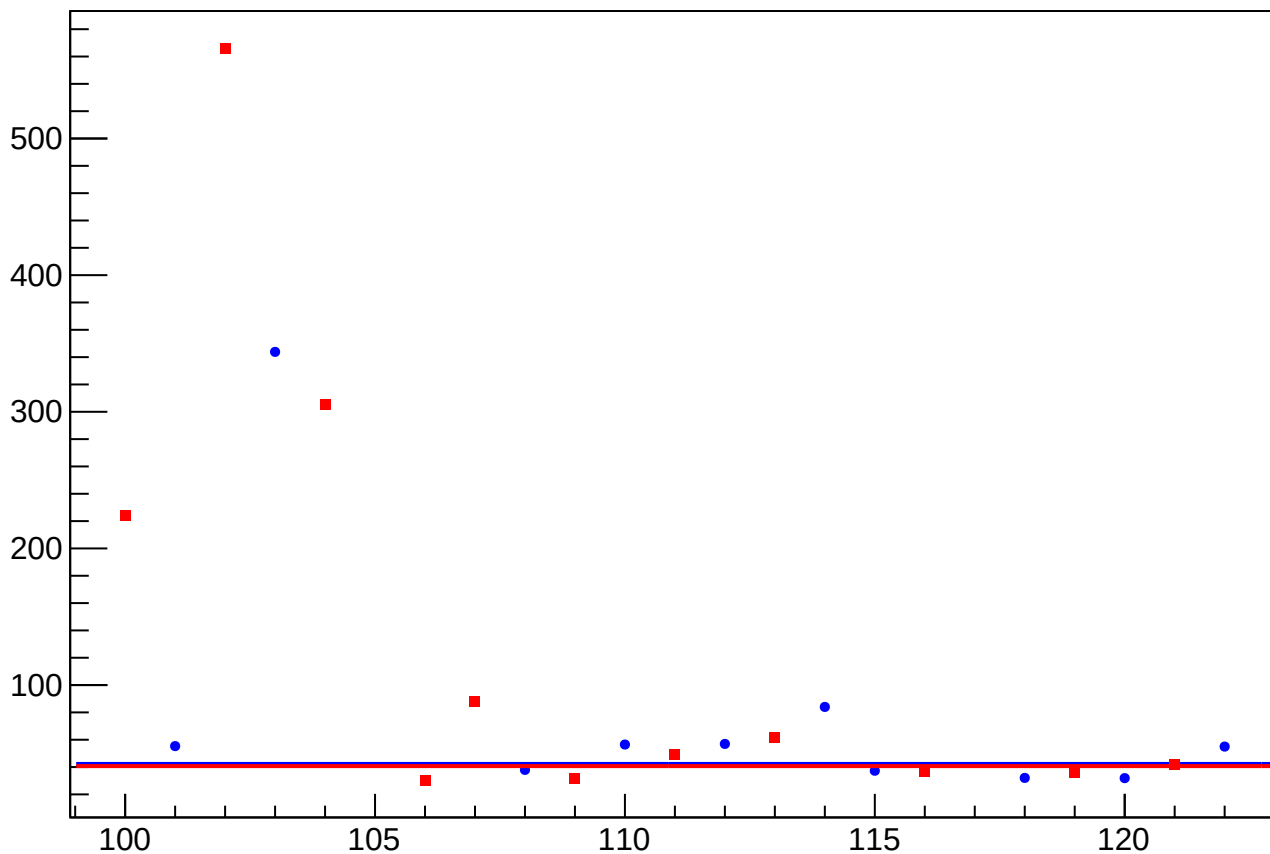
Right: 0.004 ± 0.017 χ^2/NDF : 19.7/20

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 : 19.7/20

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: 40.692+/-0.017 χ^2/NDF : 2085773.8/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

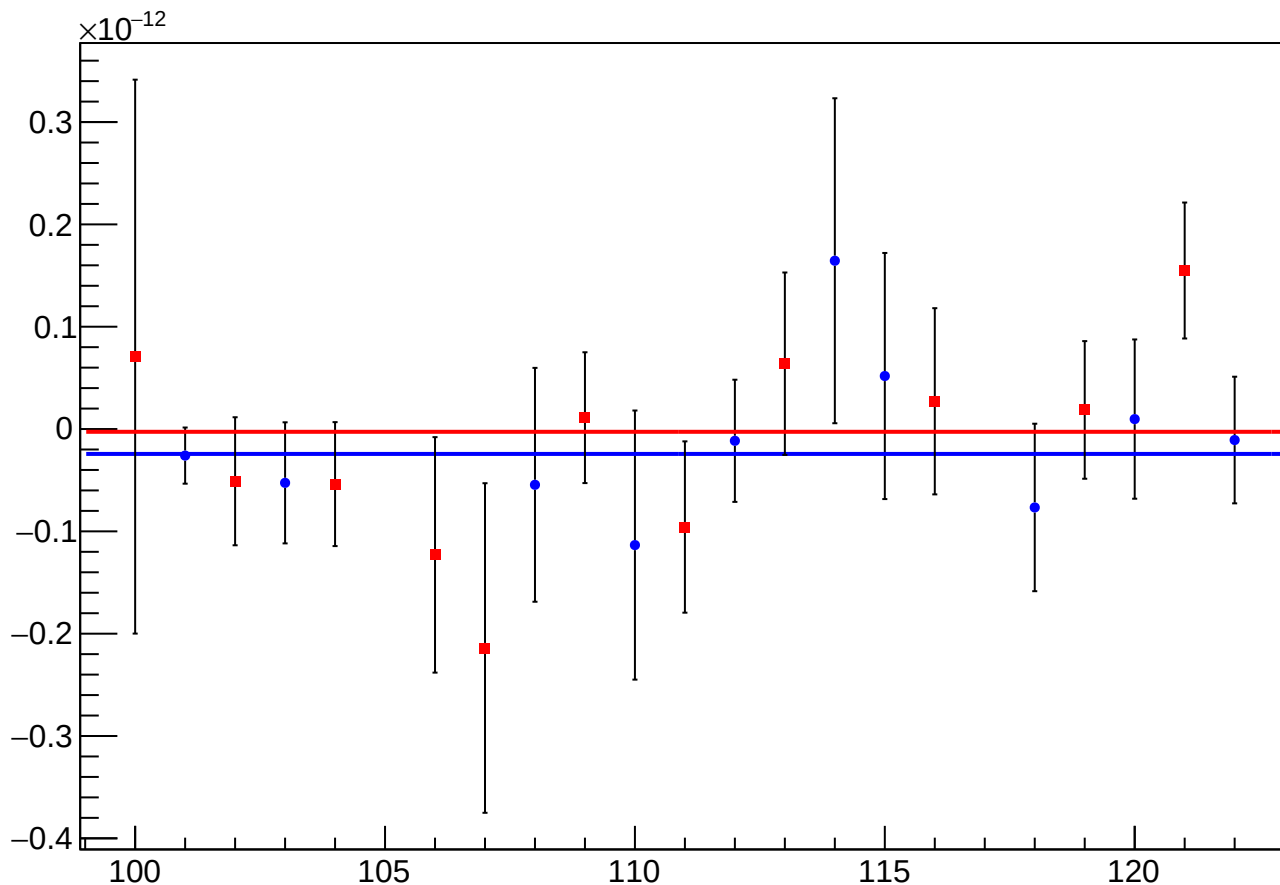
Right: 41.489+/-0.012 χ^2/NDF : 3432999.2/20

In: 42.274+/-0.017 χ^2/NDF : 1342971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.489+/-0.012 χ^2/NDF : 3432999.2/20

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 : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

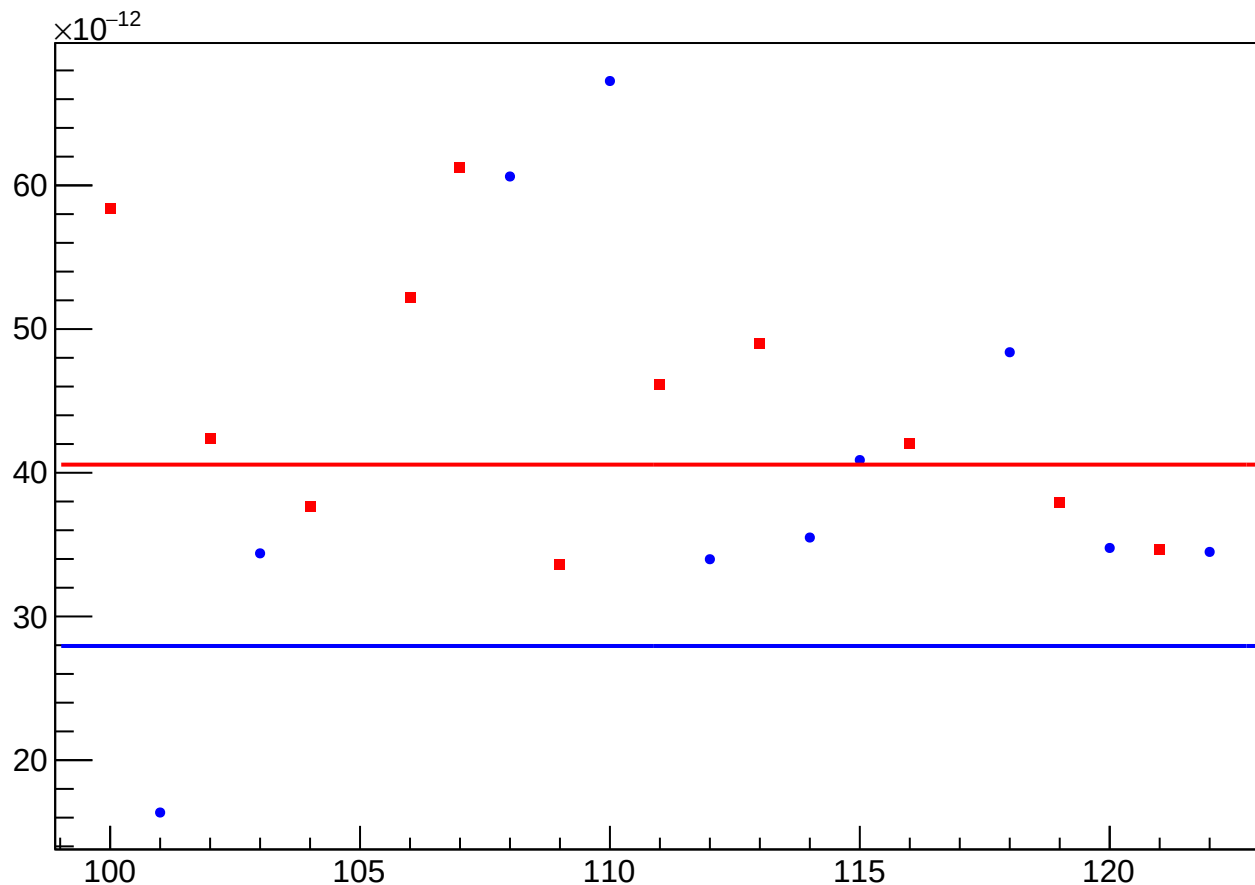
Right: -0.000+/-0.000 χ^2/NDF : 15.6/20

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 : 15.6/20

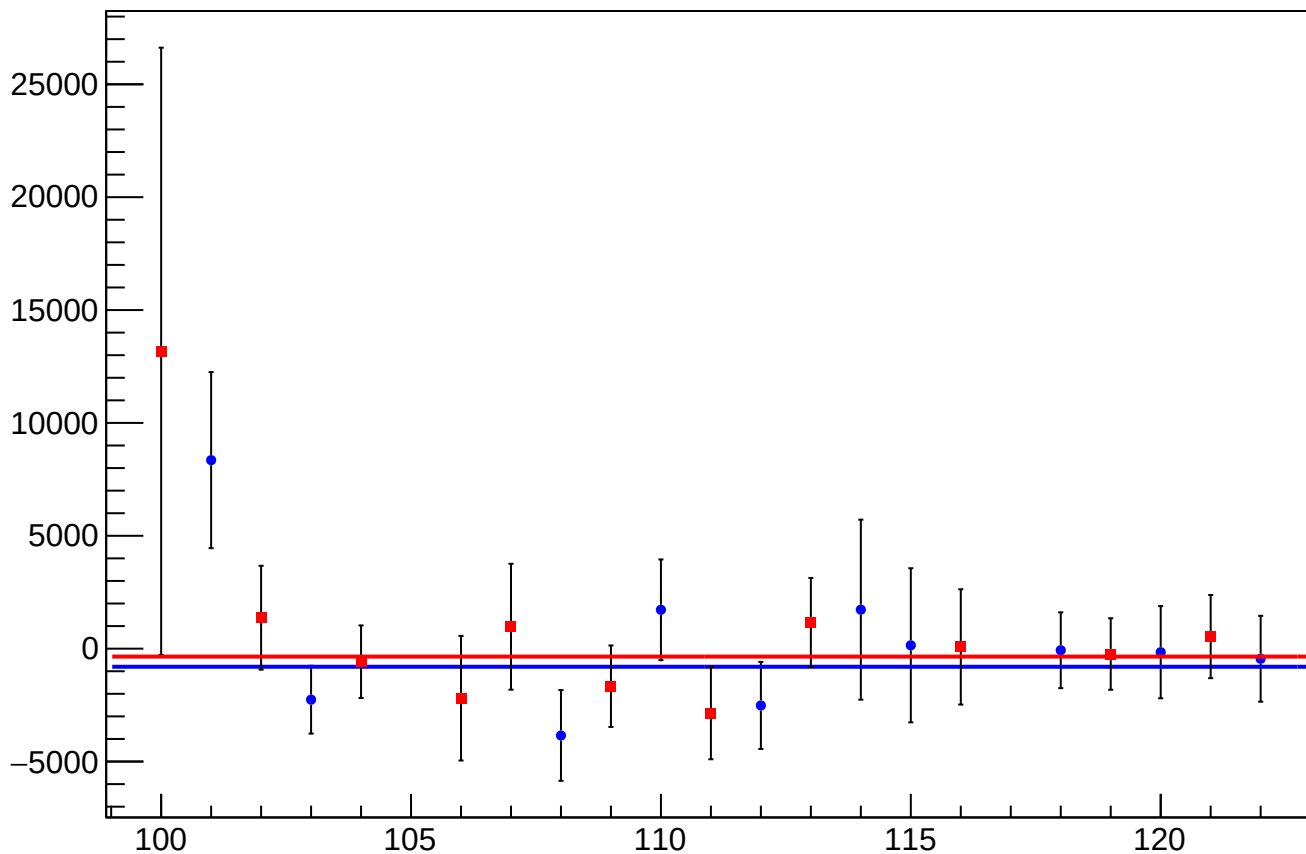
asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 138399.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1409405.6/20
 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 : 1409405.6/20

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: -351.659+/-633.518 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

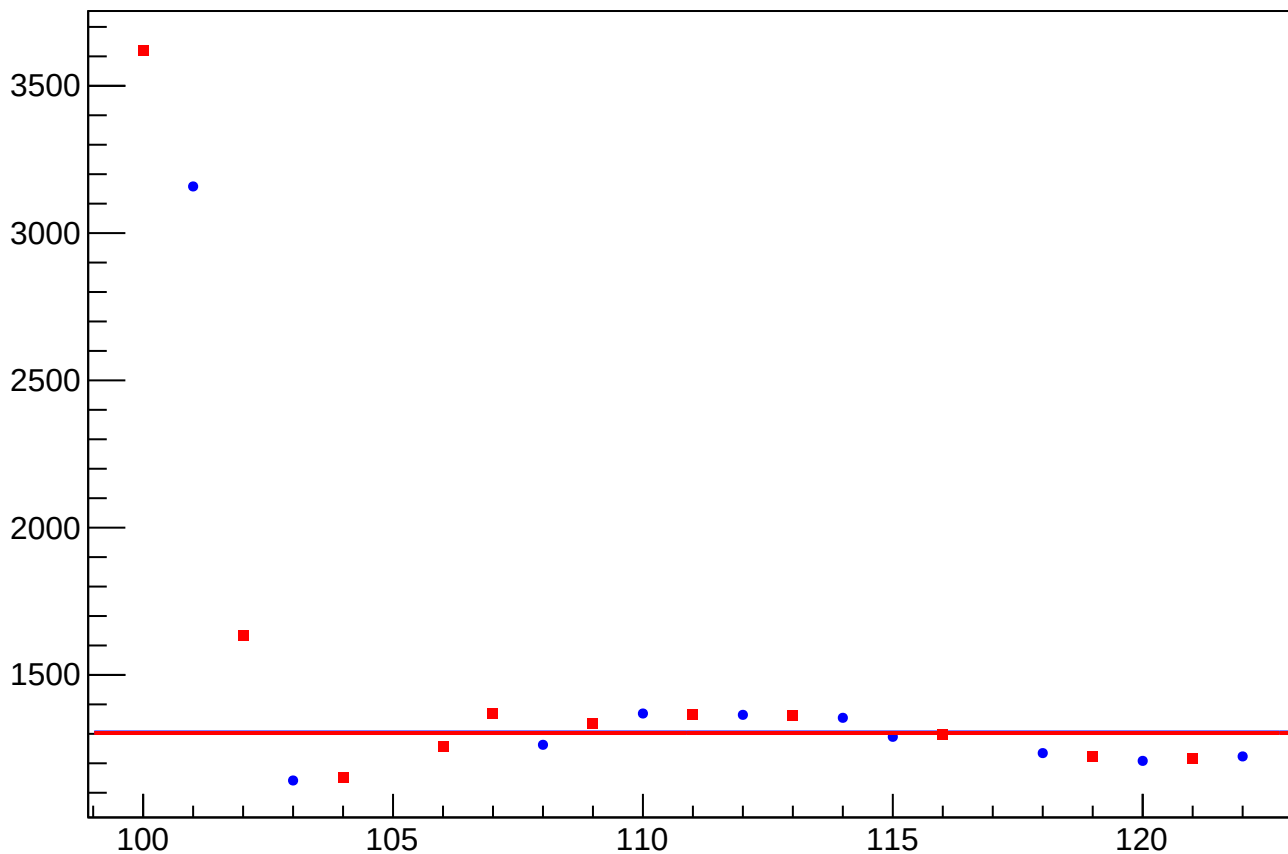
Right: -564.983+/-459.429 χ^2/NDF : 17.0/20

In: -801.633+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -564.983+/-459.429 χ^2/NDF : 17.0/20

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: 1302.847+/-0.446 χ^2/NDF : 134351.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

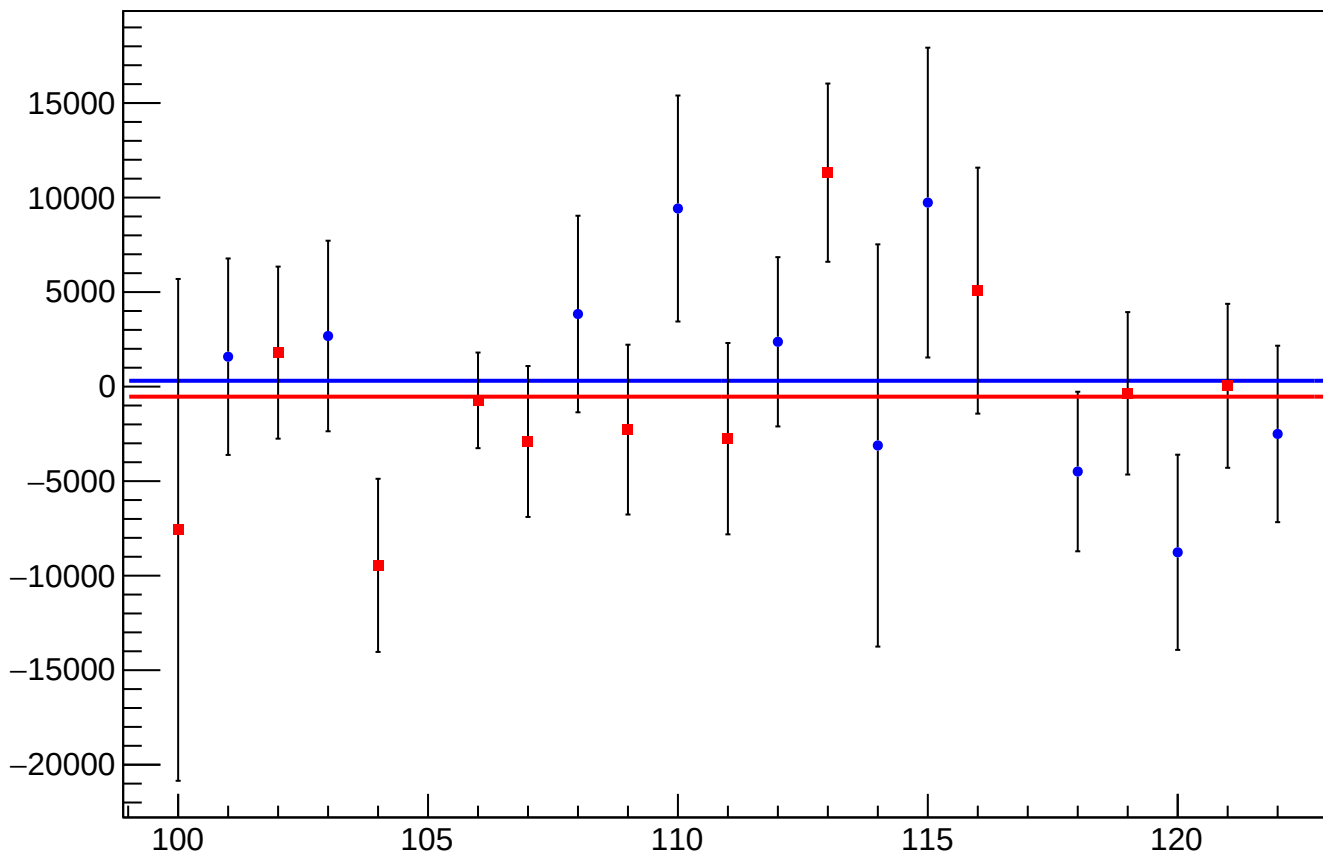
Right: 1303.642+/-0.324 χ^2/NDF : 626151.0/20

In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.642+/-0.324 χ^2/NDF : 626151.0/20

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: -531.816+/-1307.023 χ^2/NDF : 12.1/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

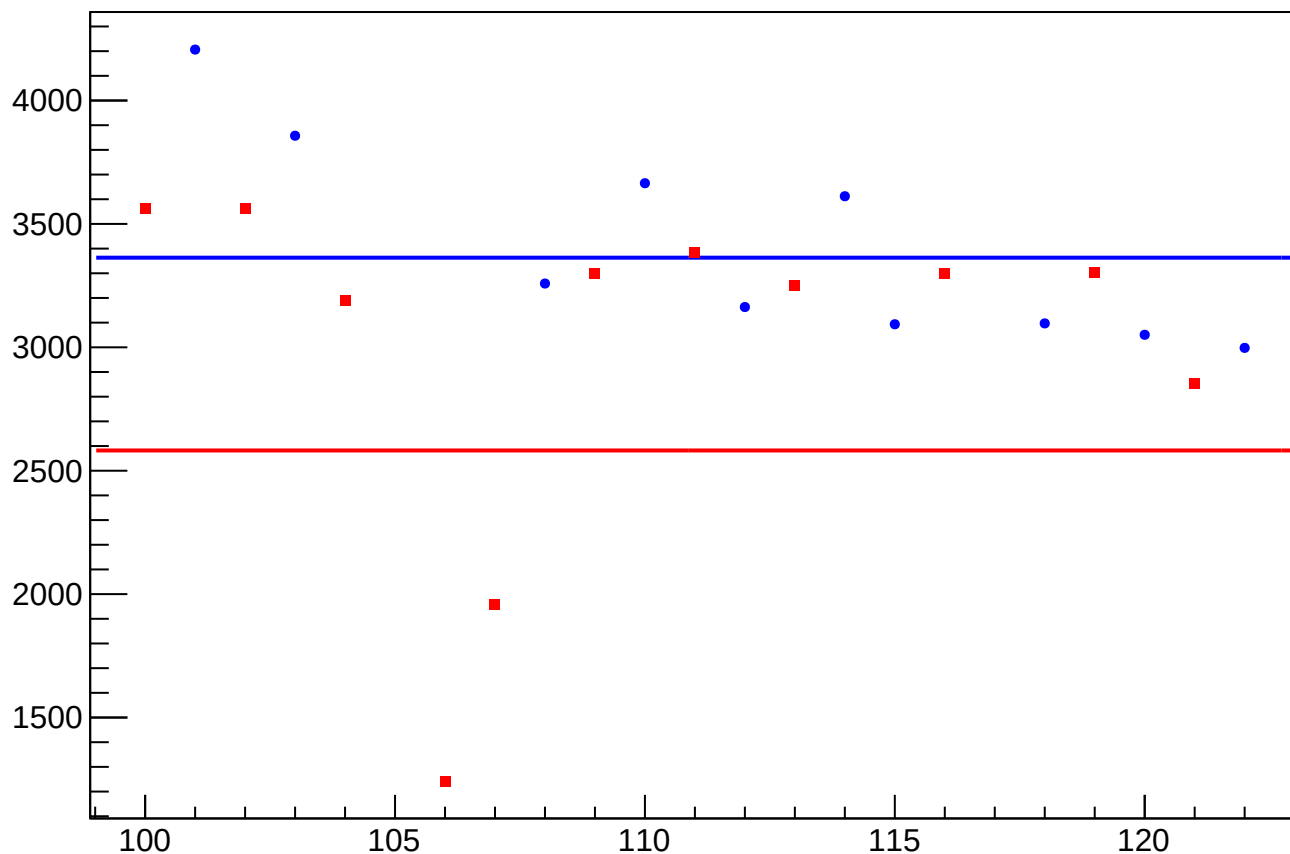
Right: -214.697+/-1031.428 χ^2/NDF : 21.7/20

In: 308.783+/-1679.275 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.697+/-1031.428 χ^2/NDF : 21.7/20

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: 2582.070+/-0.924 χ^2/NDF : 979256.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

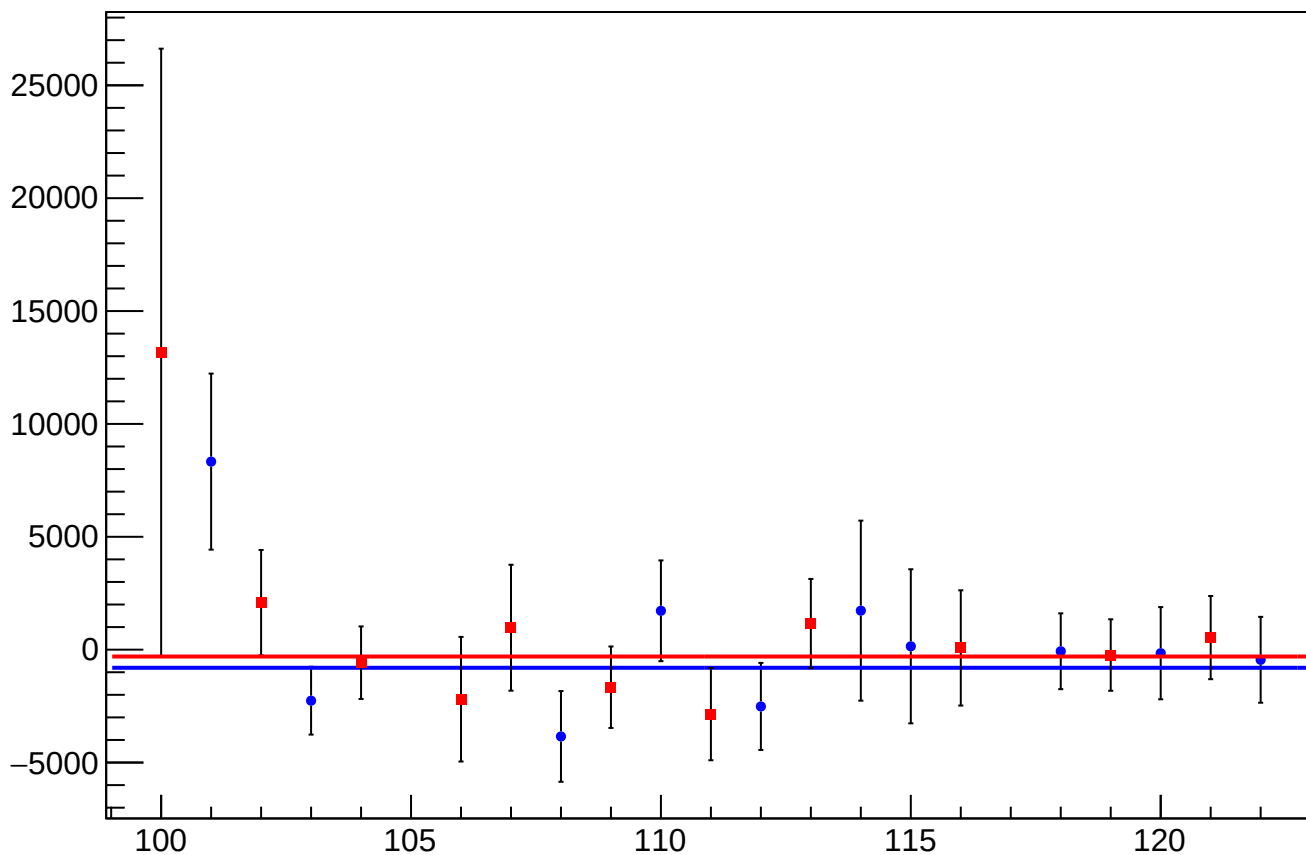
Right: 2876.766+/-0.729 χ^2/NDF : 1361374.7/20

In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2876.766+/-0.729 χ^2/NDF : 1361374.7/20

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: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

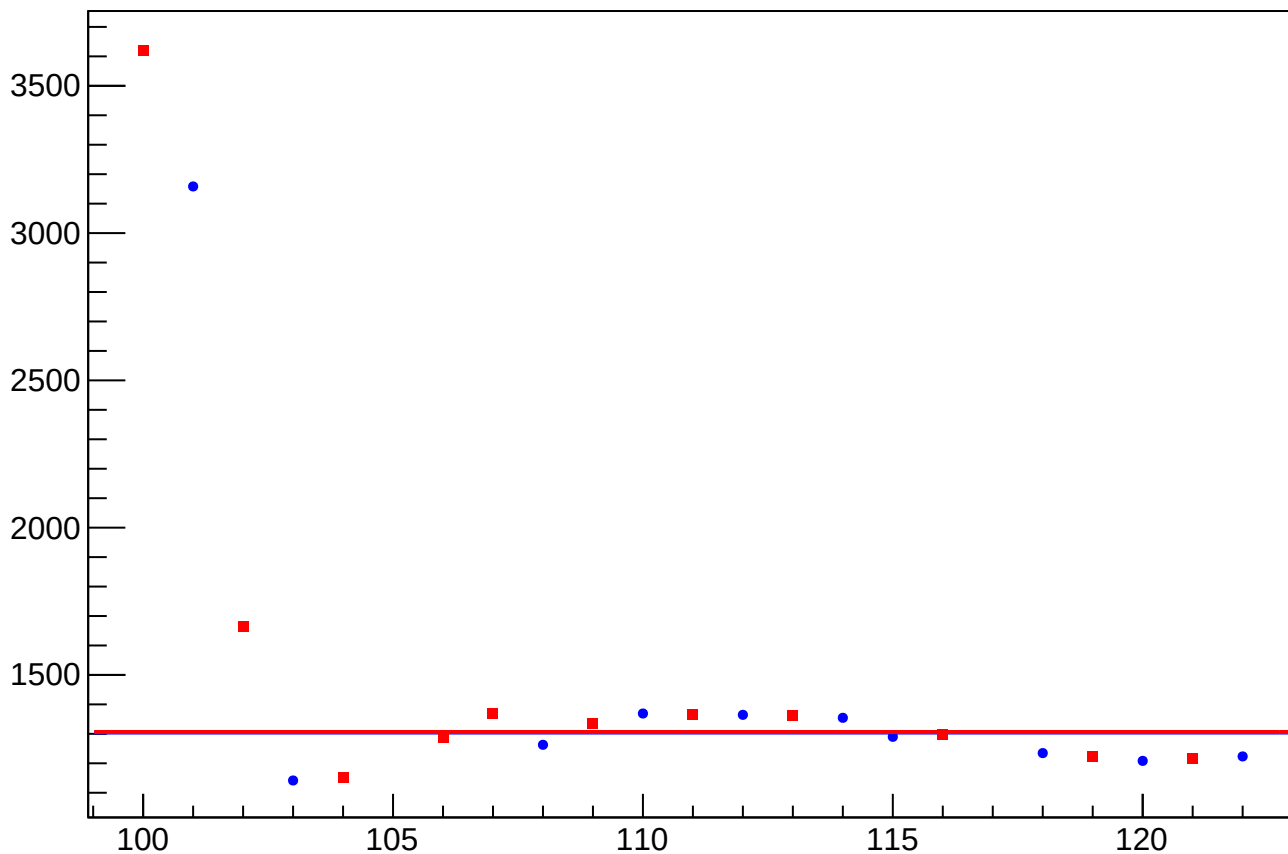
Right: -540.136+/-459.699 χ^2/NDF : 17.5/20

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -540.136+/-459.699 χ^2/NDF : 17.5/20

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: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

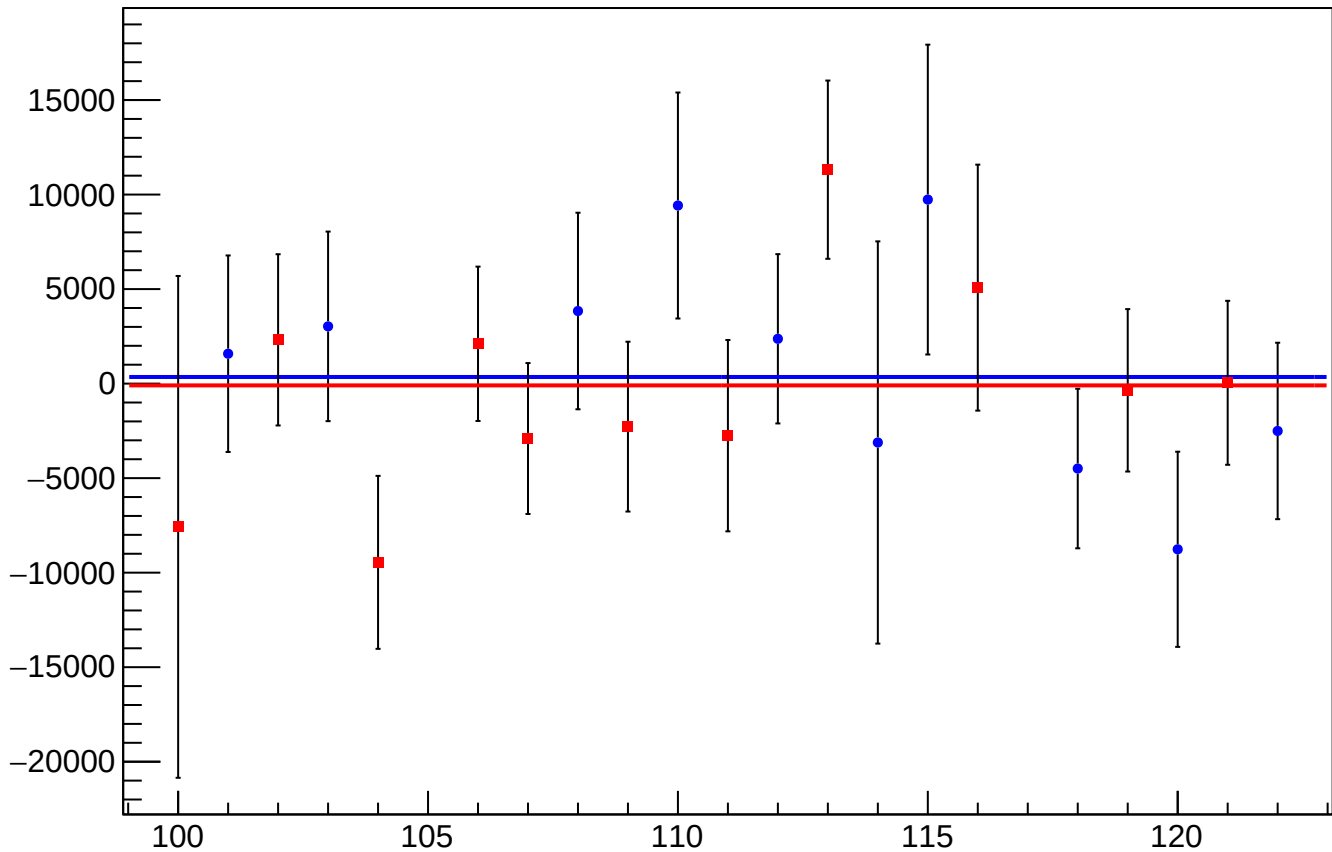
Right: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

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: -93.877+/-1429.204 χ^2/NDF : 12.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

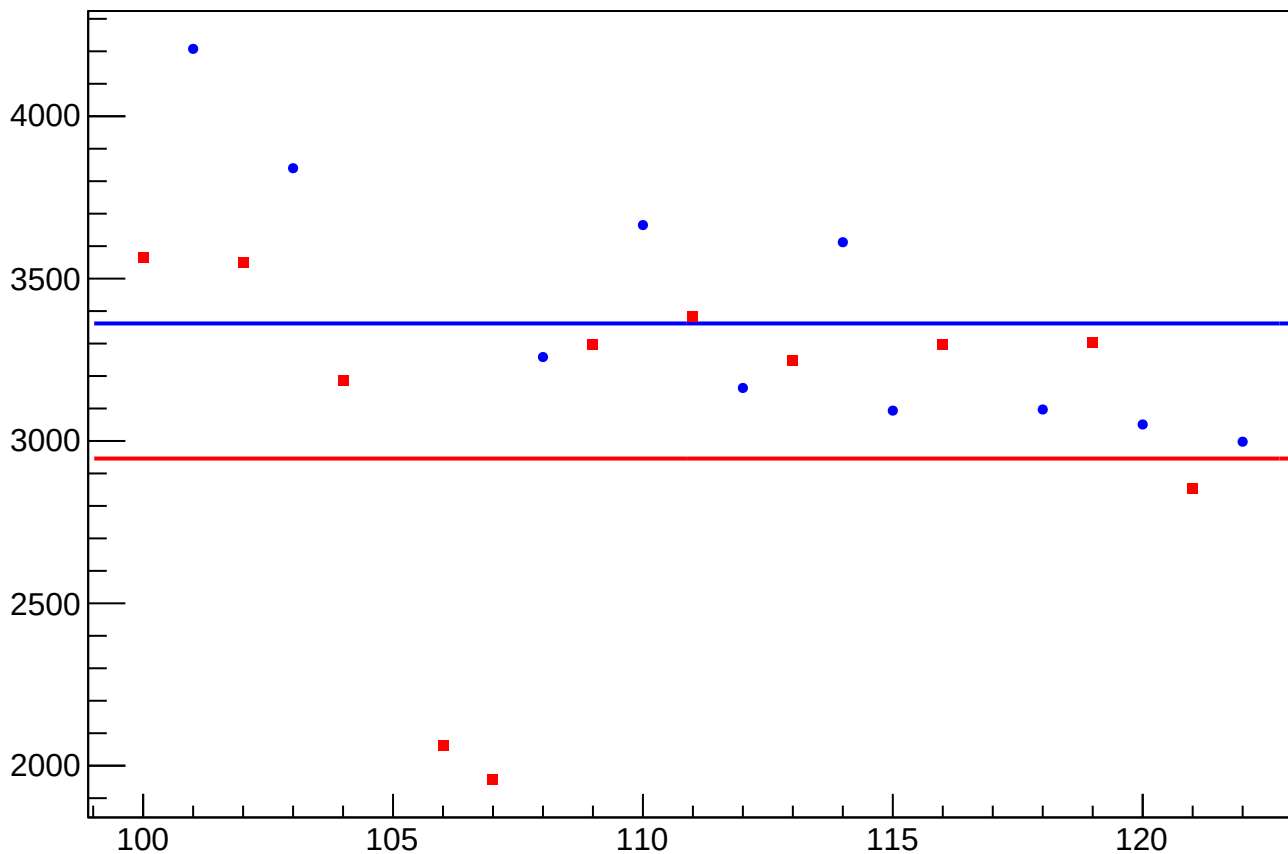
Right: 92.958+/-1088.132 χ^2/NDF : 22.1/20

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.958+/-1088.132 χ^2/NDF : 22.1/20

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: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

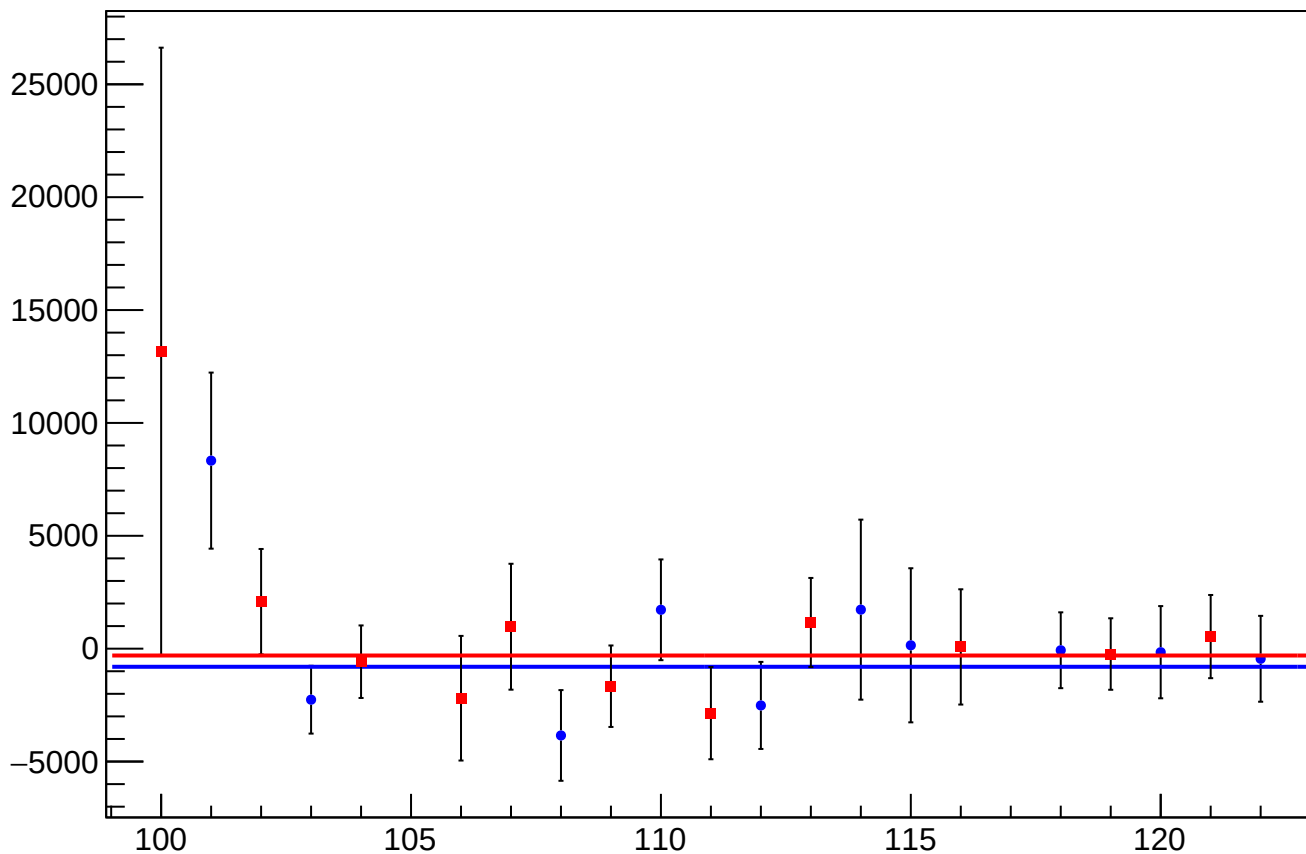
Right: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

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: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

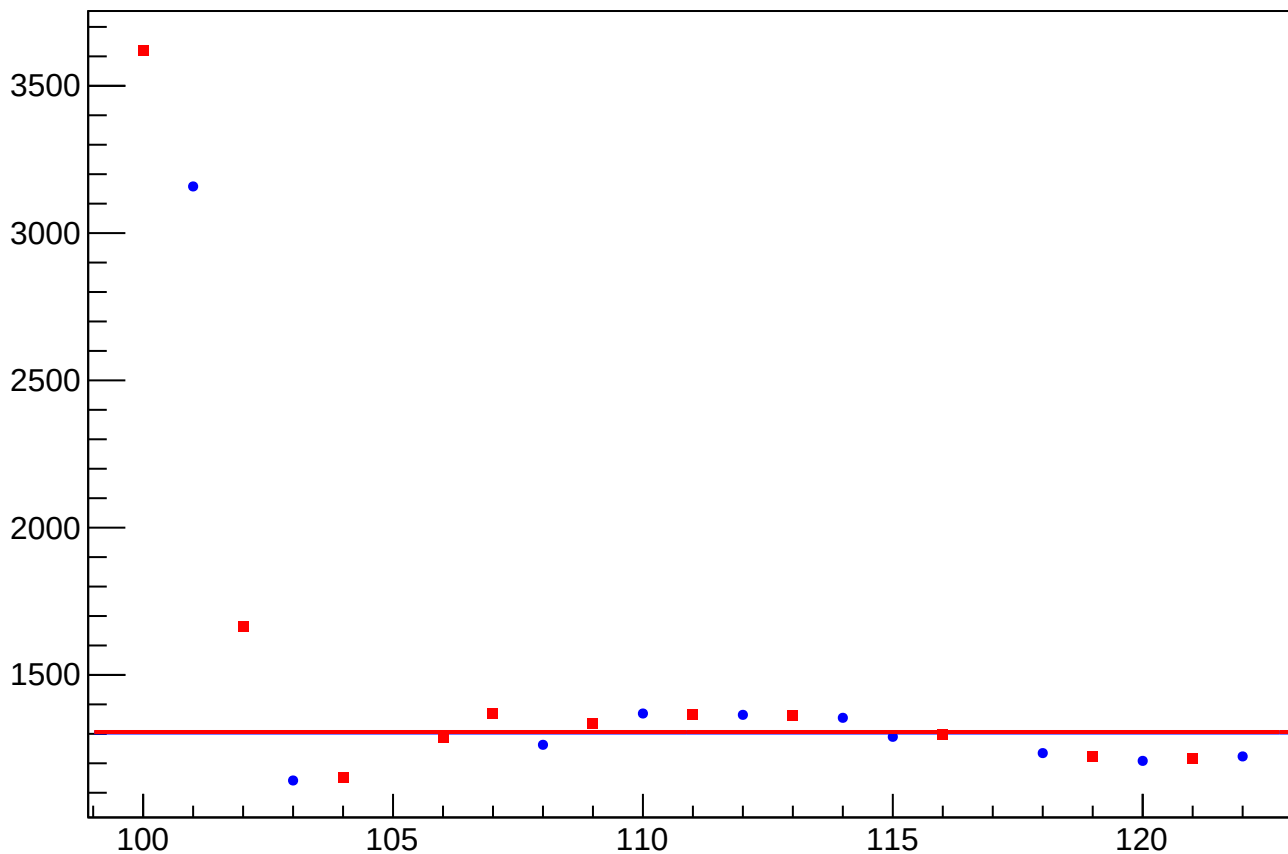
Right: -540.136+/-459.699 χ^2/NDF : 17.5/20

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -540.136+/-459.699 χ^2/NDF : 17.5/20

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: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

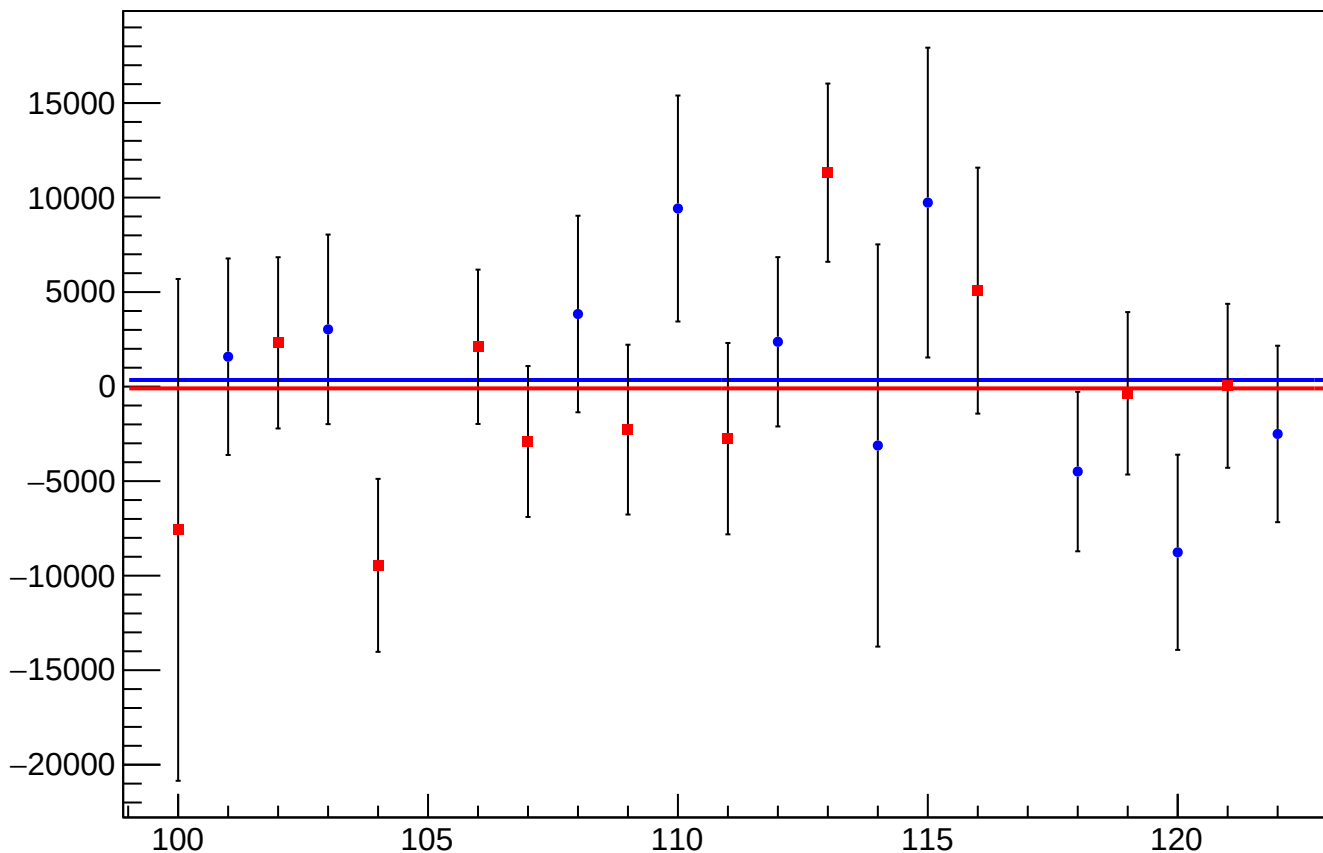
Right: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

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: -93.877+/-1429.204 χ^2/NDF : 12.6/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

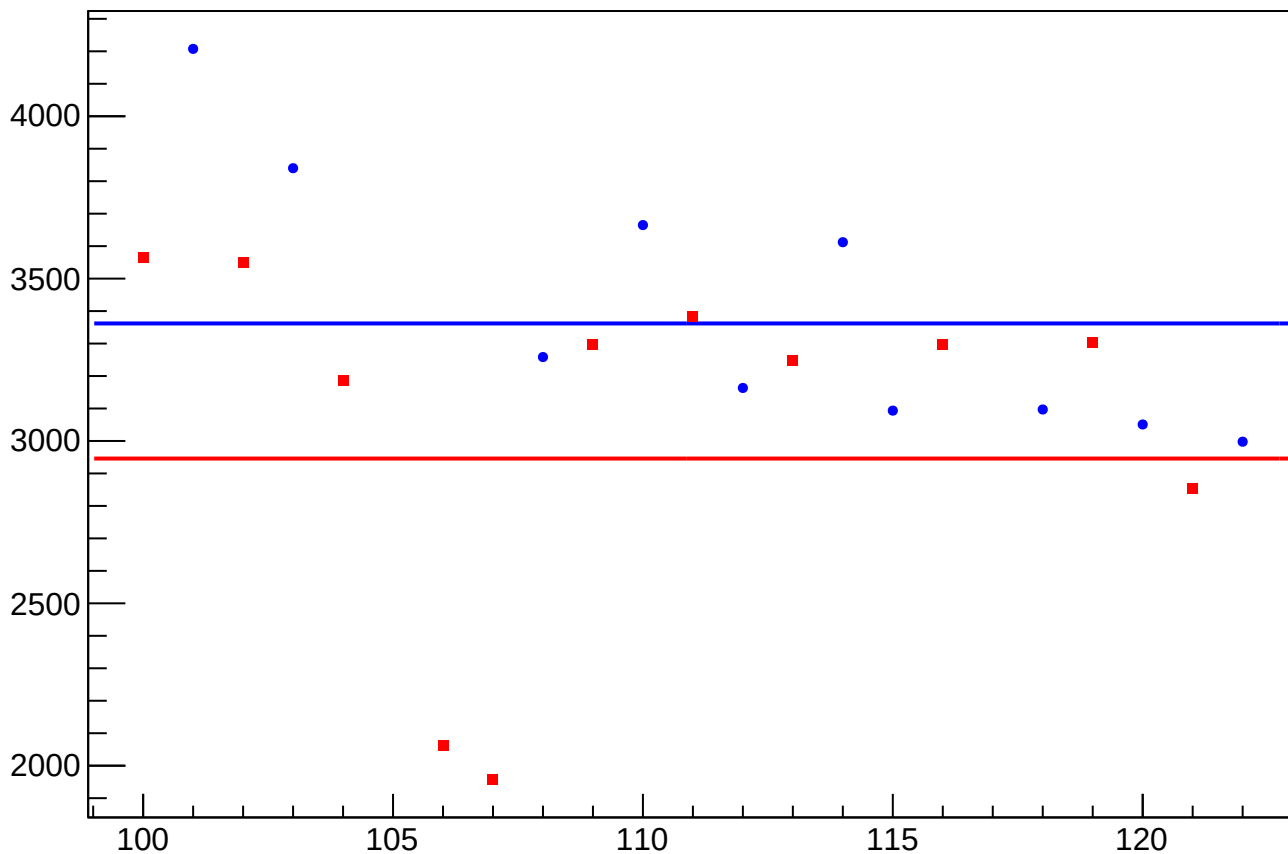
Right: 92.958+/-1088.132 χ^2/NDF : 22.1/20

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.958+/-1088.132 χ^2/NDF : 22.1/20

asym_at1_avg_at2_avg_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: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

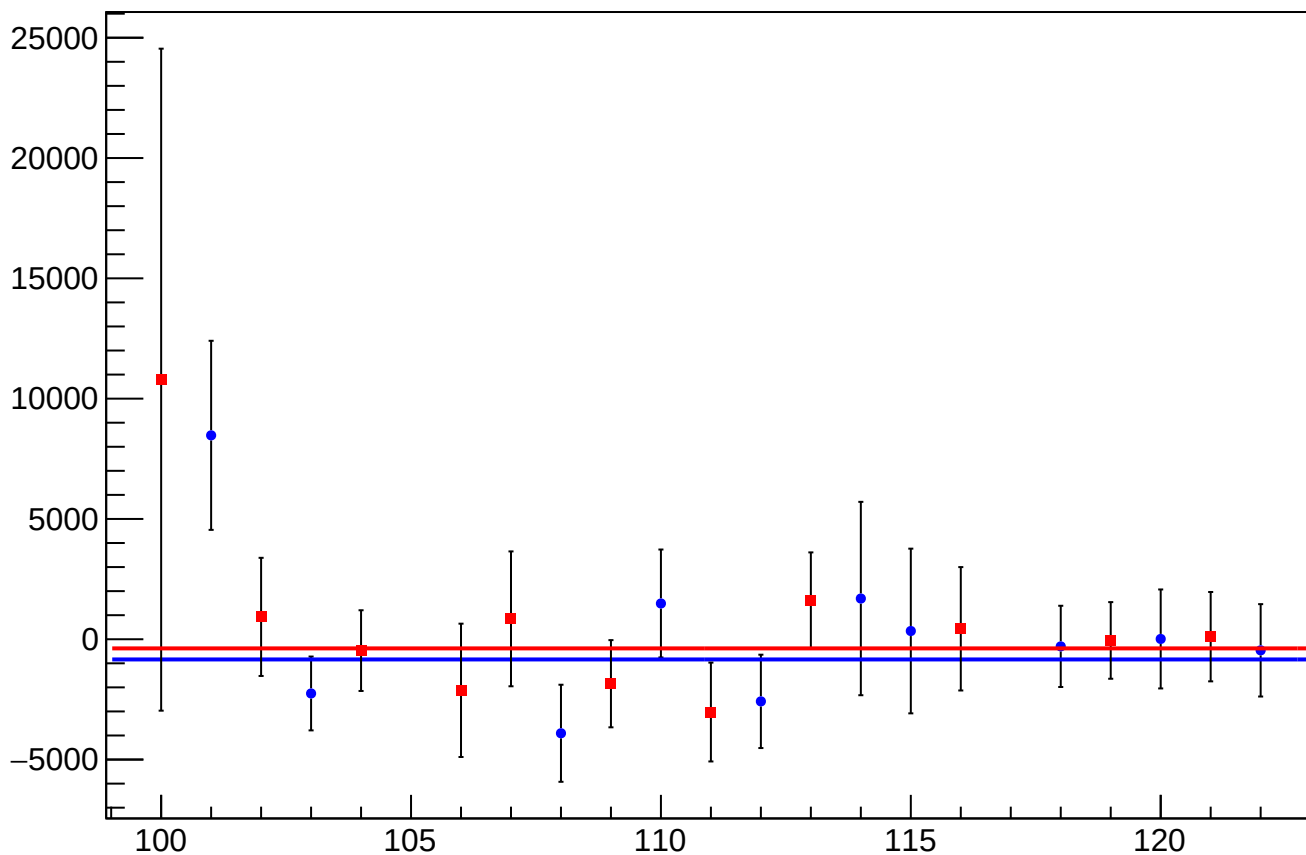
Right: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

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: -379.809+/-643.489 χ^2 /NDF: 5.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

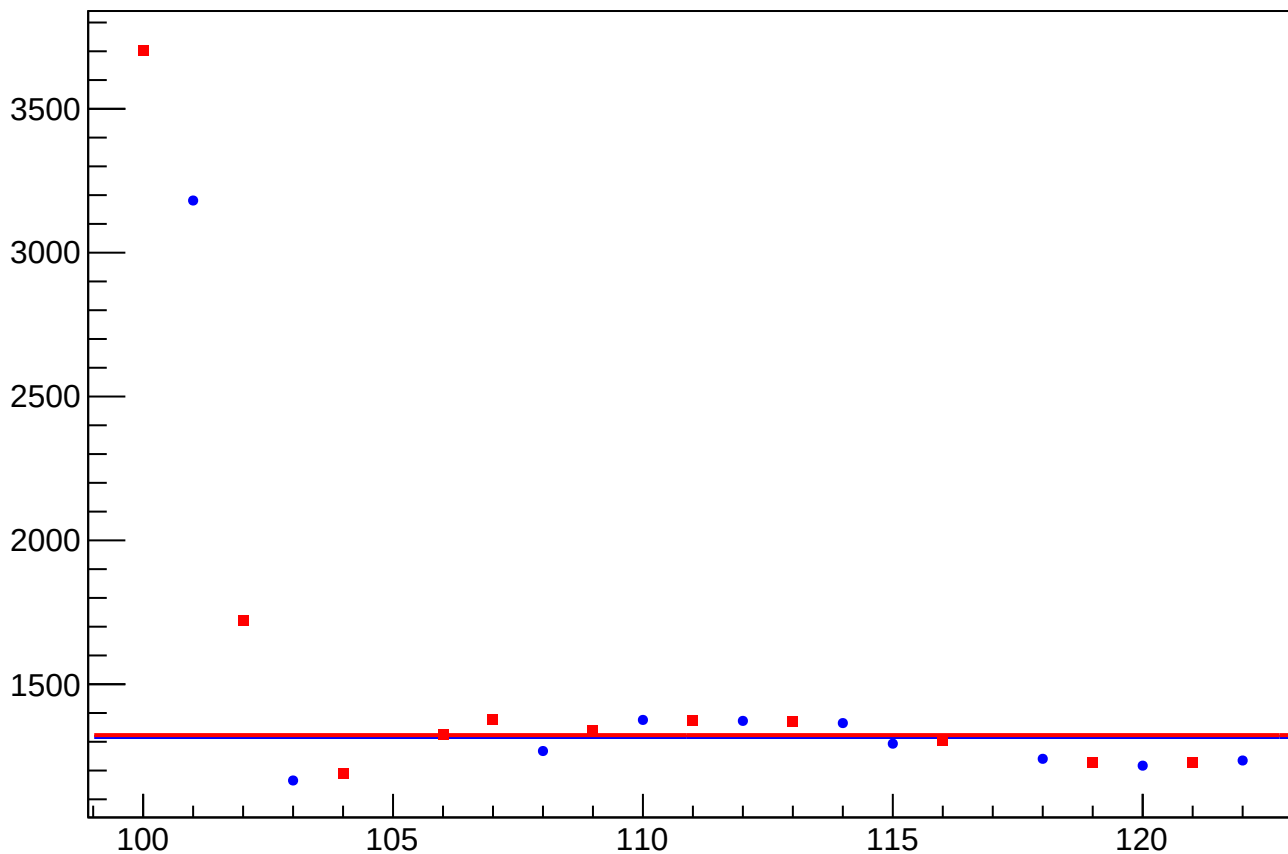
Right: -599.125+/-465.195 χ^2 /NDF: 16.8/20

In: -839.228+/-673.294 χ^2 /NDF:11.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -599.125+/-465.195 χ^2 /NDF: 16.8/20

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: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

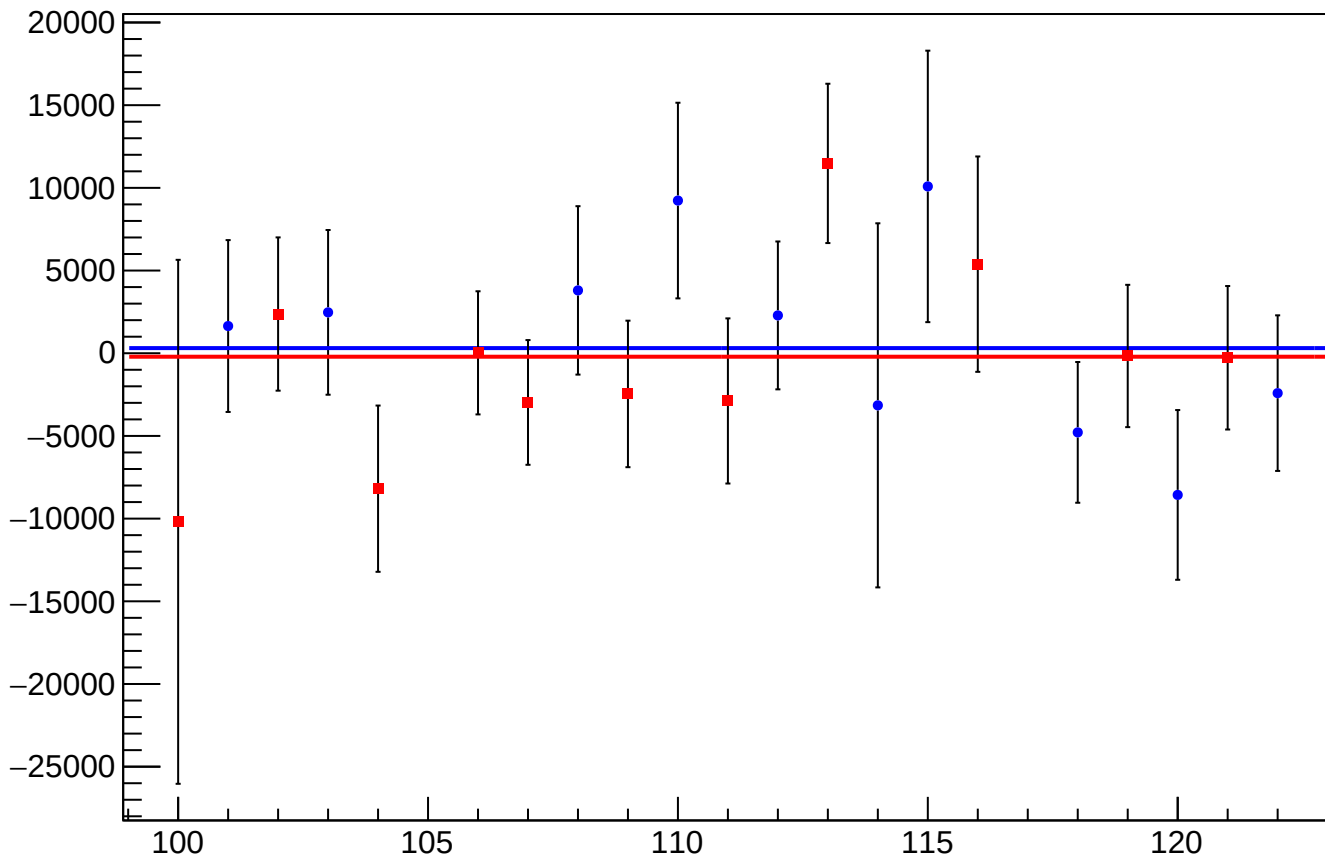
Right: 1320.020+/-0.329 χ^2/NDF : 627678.2/20

In: 1316.587+/-0.476 χ^2/NDF : 486821.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.020+/-0.329 χ^2/NDF : 627678.2/20

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 310.805 $\pm$ 1675.980 χ^2 /NDF: 9.5/9

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

Right Out: -210.111 $\pm$ 1417.731 χ^2 /NDF: 10.9/10

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

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

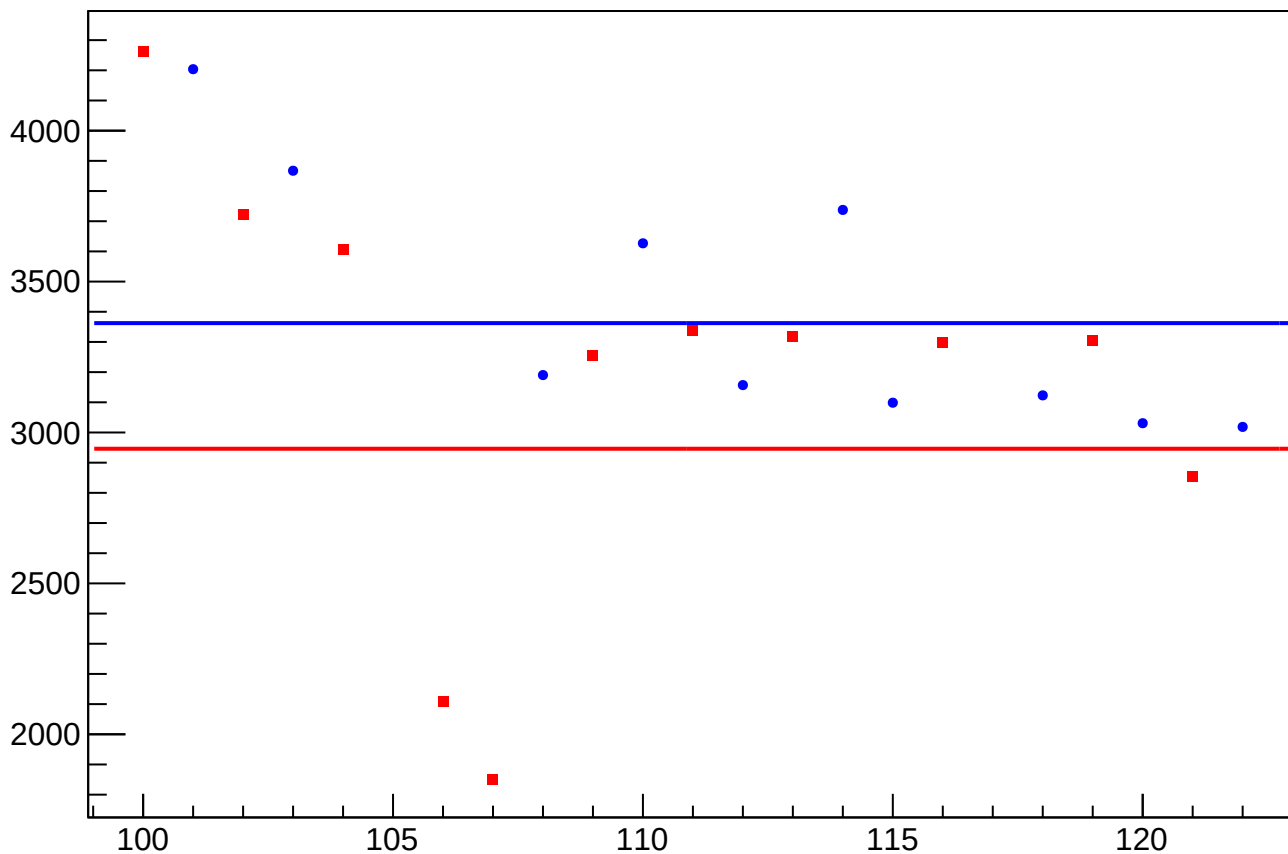
Right: 7.164 $\pm$ 1082.406 χ^2 /NDF: 20.5/20

In: 310.805 $\pm$ 1675.980 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.164 $\pm$ 1082.406 χ^2 /NDF: 20.5/20

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: 2946.176+/-1.002 χ^2/NDF : 429902.5/10

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

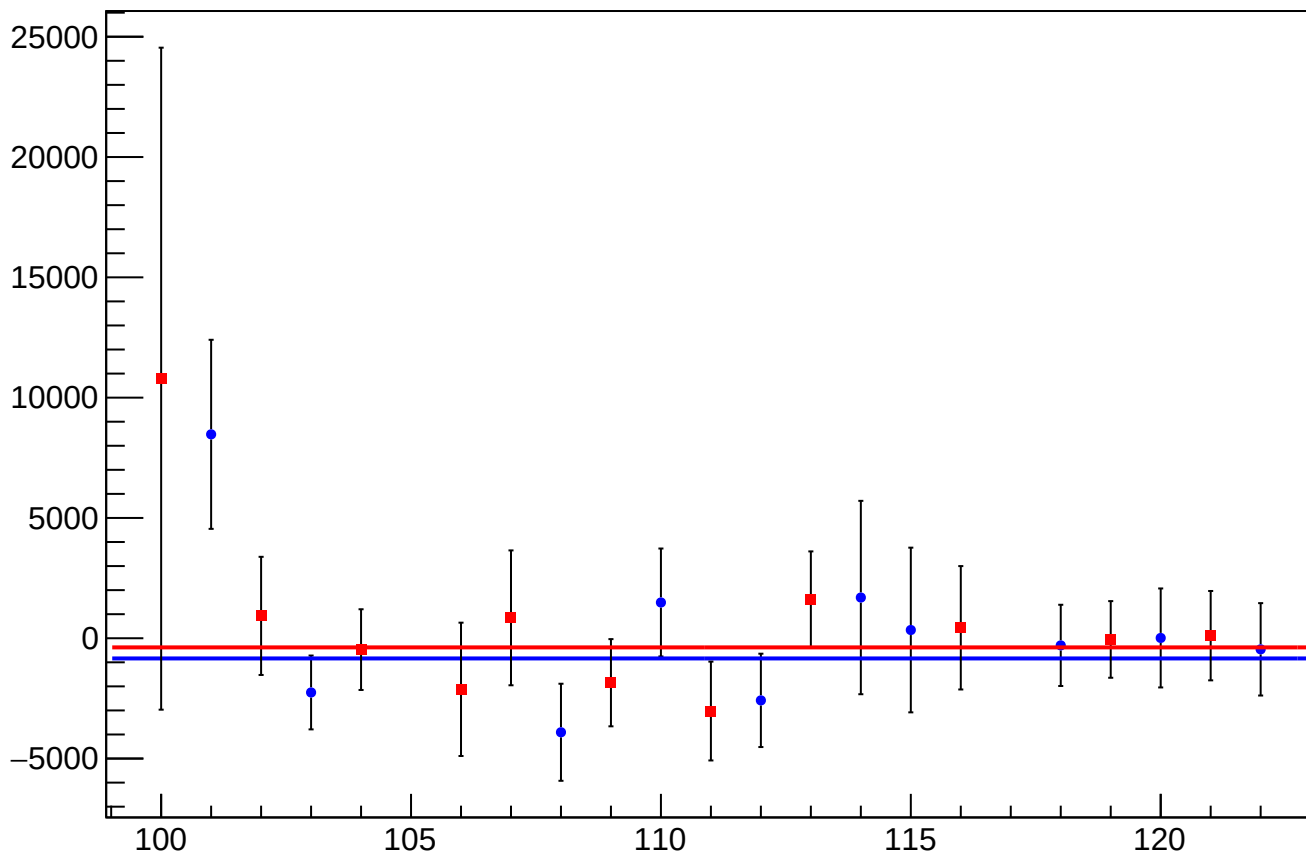
Right: 3119.774+/-0.765 χ^2/NDF : 615049.8/20

In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.774+/-0.765 χ^2/NDF : 615049.8/20

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: -379.818+/-643.489 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

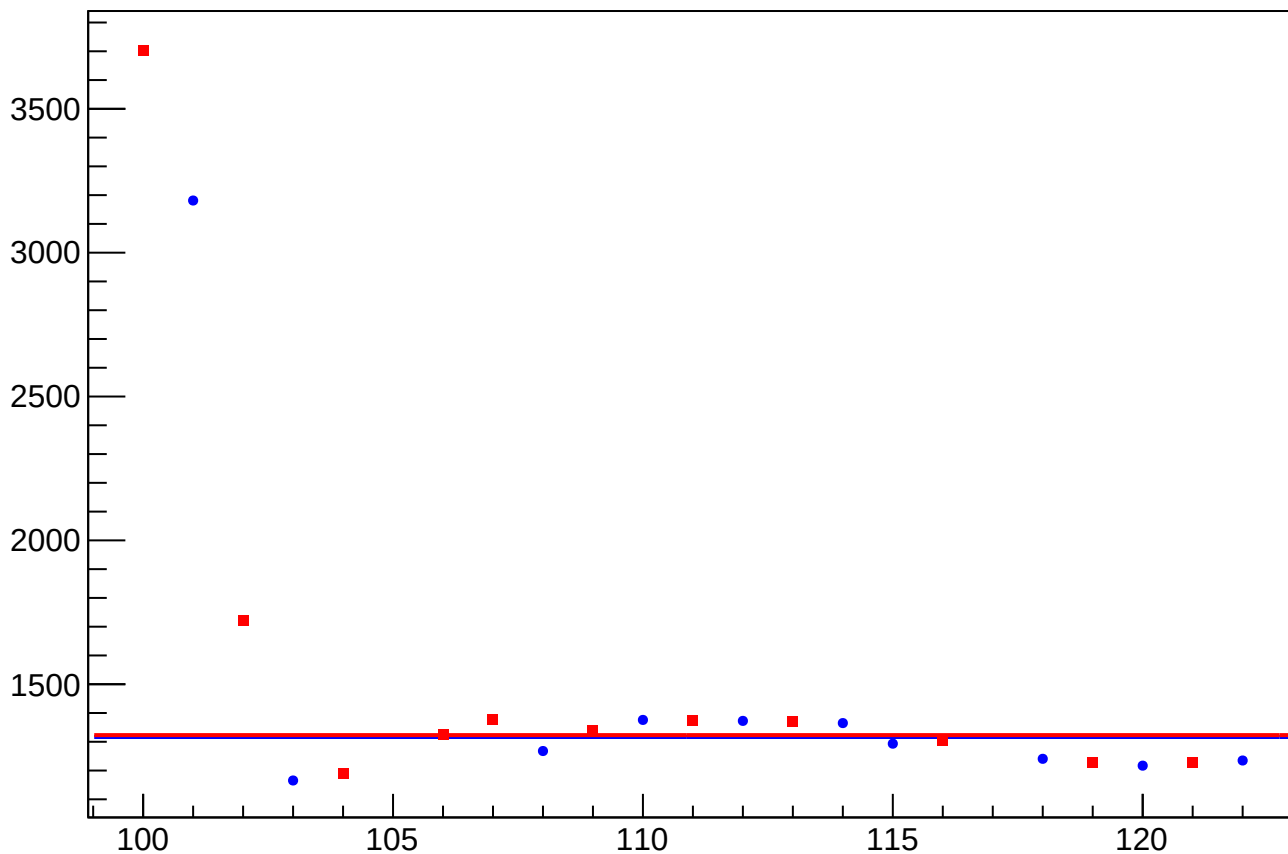
Right: -599.128+/-465.195 χ^2/NDF : 16.8/20

In: -839.225+/-673.294 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -599.128+/-465.195 χ^2/NDF : 16.8/20

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: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

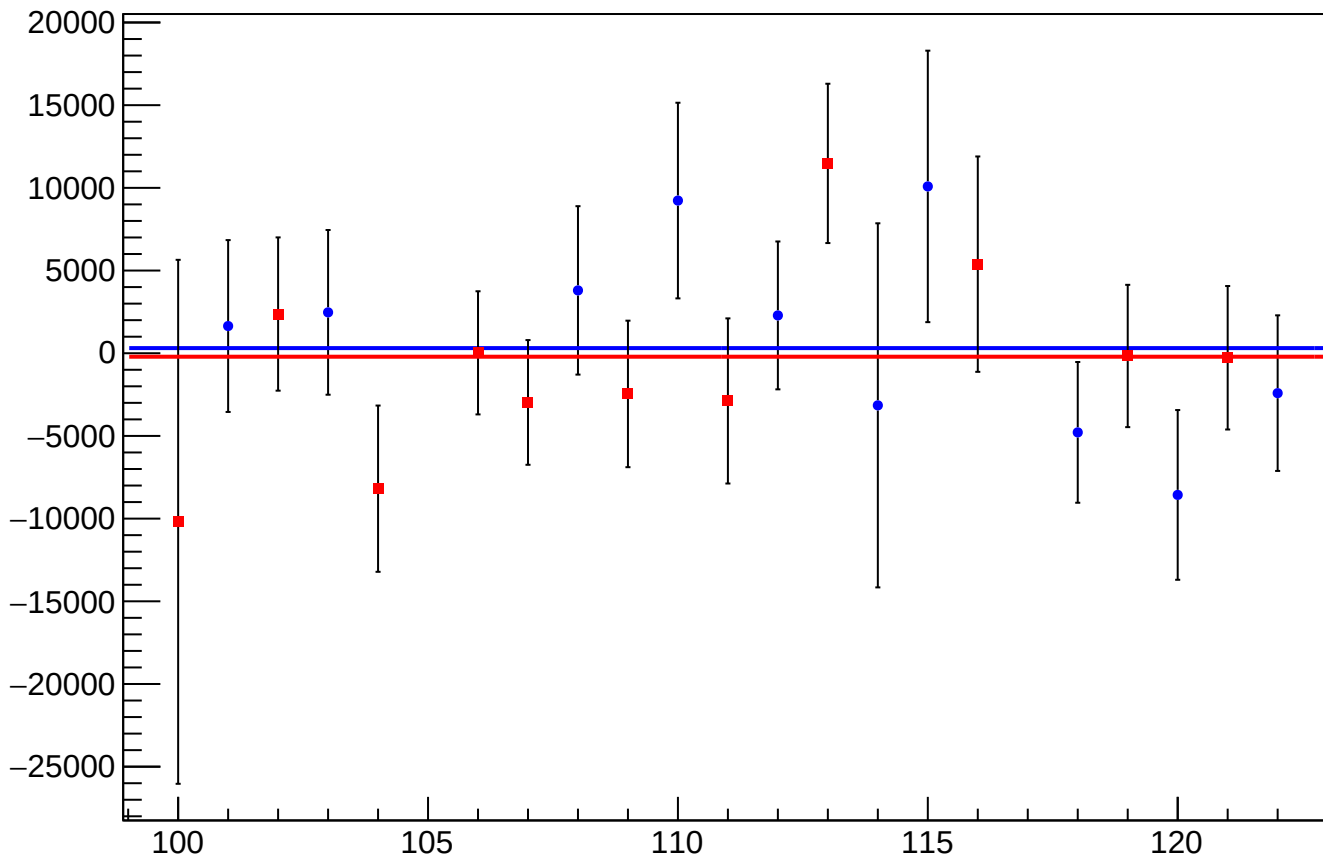
Right: 1320.020+/-0.329 χ^2/NDF : 627678.3/20

In: 1316.587+/-0.476 χ^2/NDF : 486821.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.020+/-0.329 χ^2/NDF : 627678.3/20

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: -210.114+/-1417.728 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

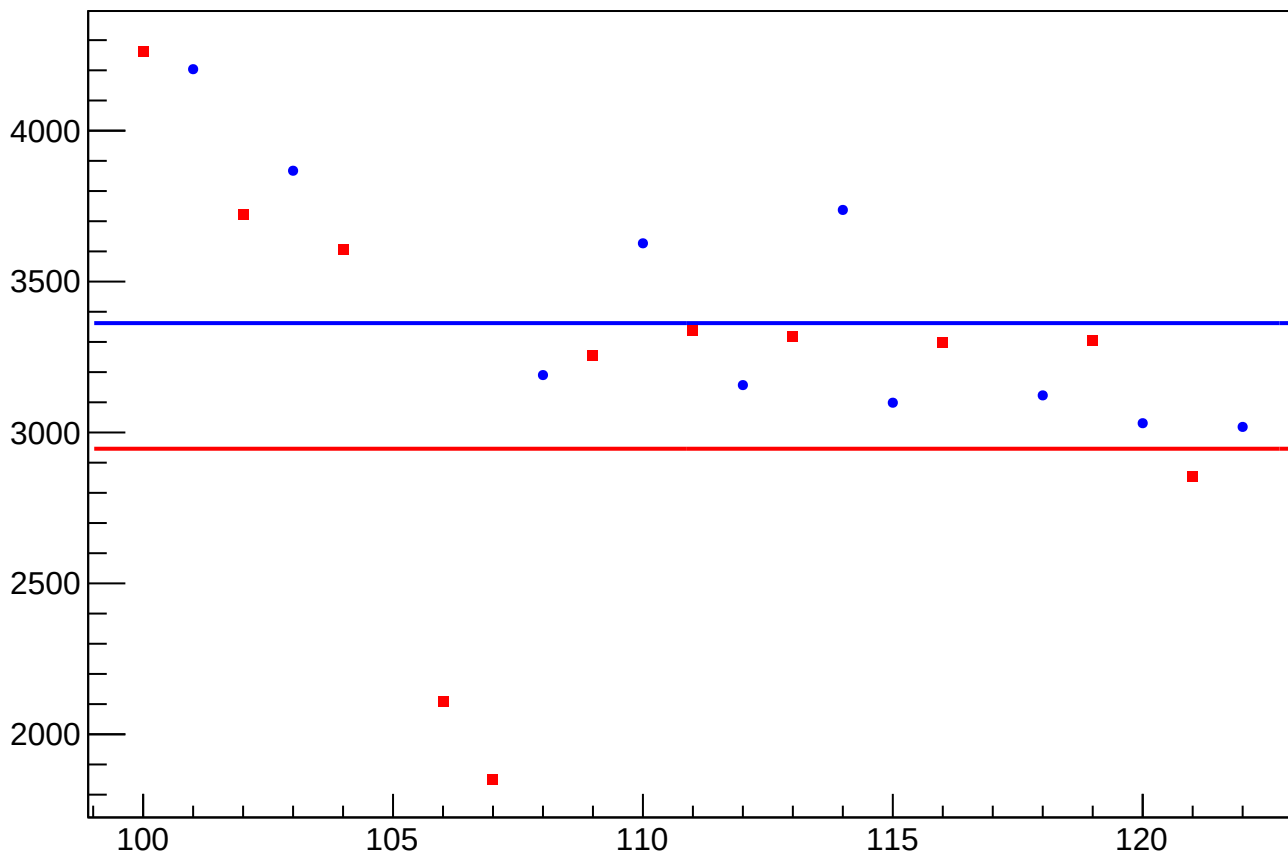
Right: 7.159+/-1082.403 χ^2/NDF : 20.5/20

In: 310.796+/-1675.975 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.159+/-1082.403 χ^2/NDF : 20.5/20

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: 2946.169+/-1.002 χ^2/NDF : 429904.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

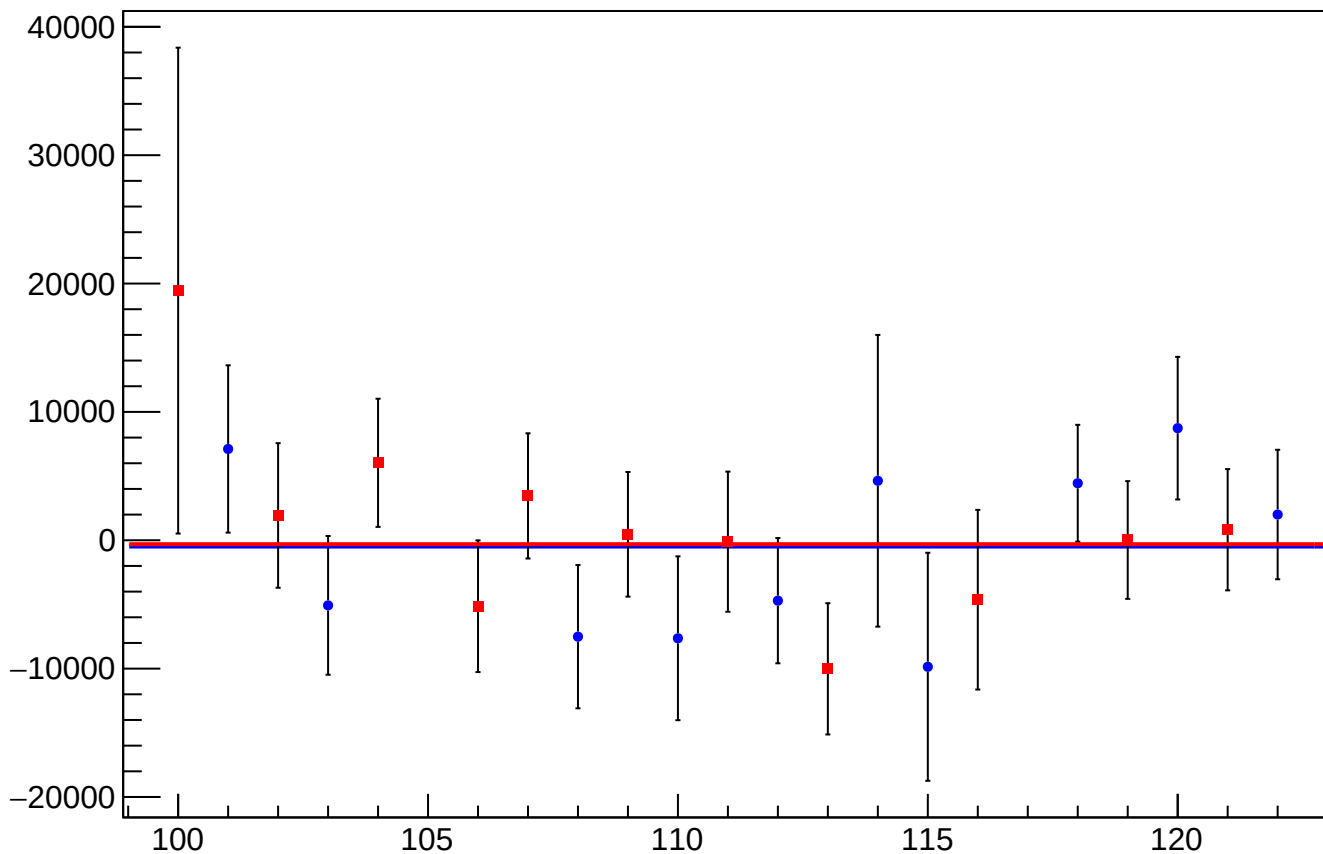
Right: 3119.765+/-0.765 χ^2/NDF : 615053.9/20

In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.765+/-0.765 χ^2/NDF : 615053.9/20

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: -304.655+/-1619.062 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

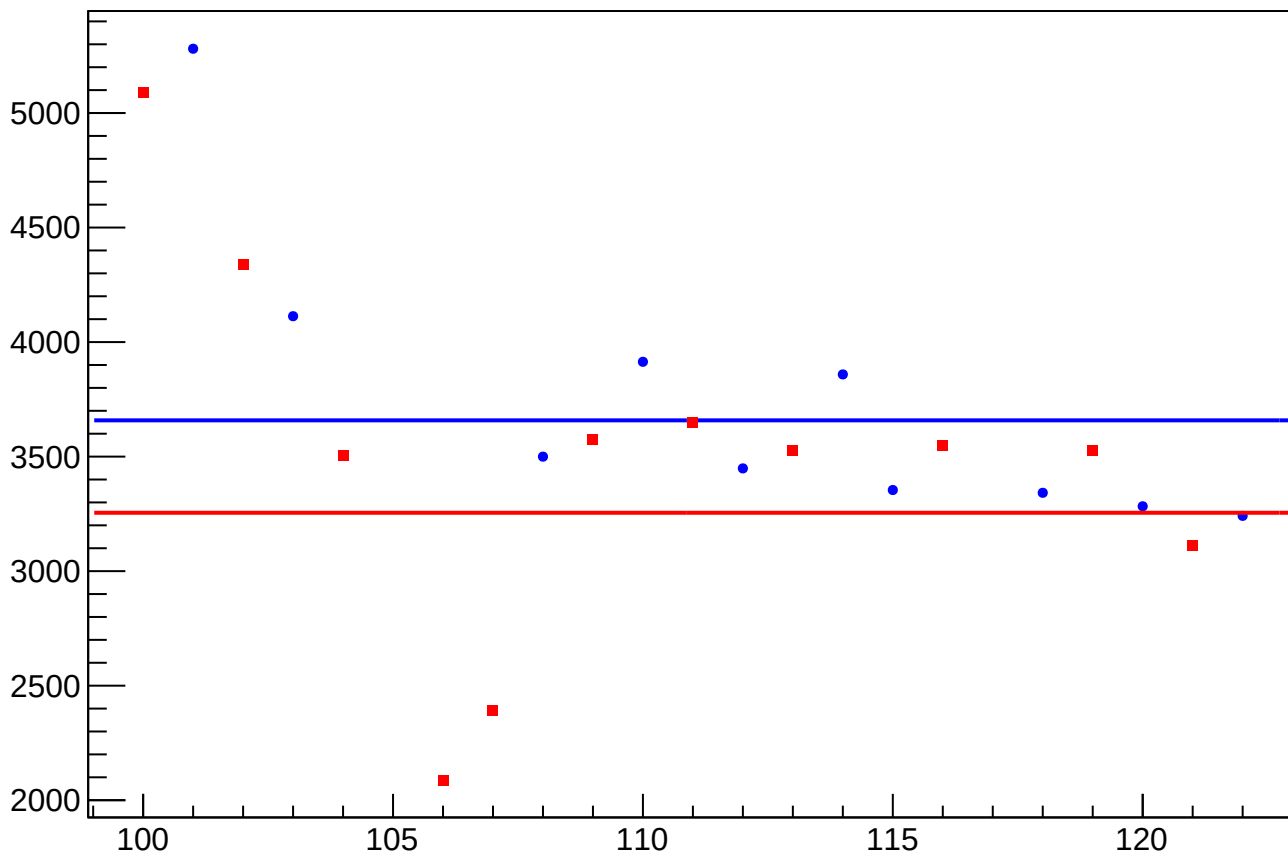
Right: -385.180+/-1214.155 χ^2/NDF : 19.6/20

In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -385.180+/-1214.155 χ^2/NDF : 19.6/20

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: 3254.864+/-1.122 χ^2/NDF : 343171.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

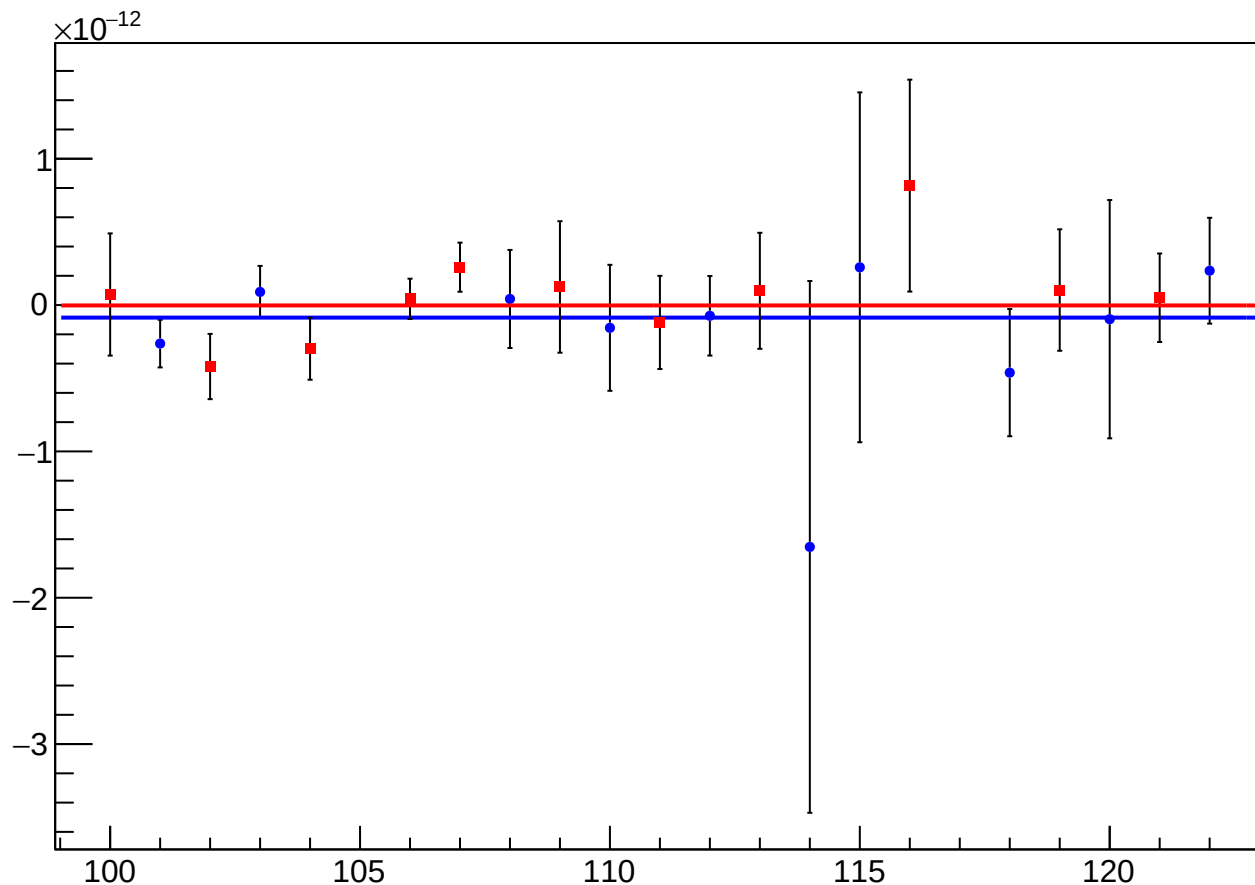
Right: 3427.466+/-0.849 χ^2/NDF : 580476.0/20

In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3427.466+/-0.849 χ^2/NDF : 580476.0/20

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: 9.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

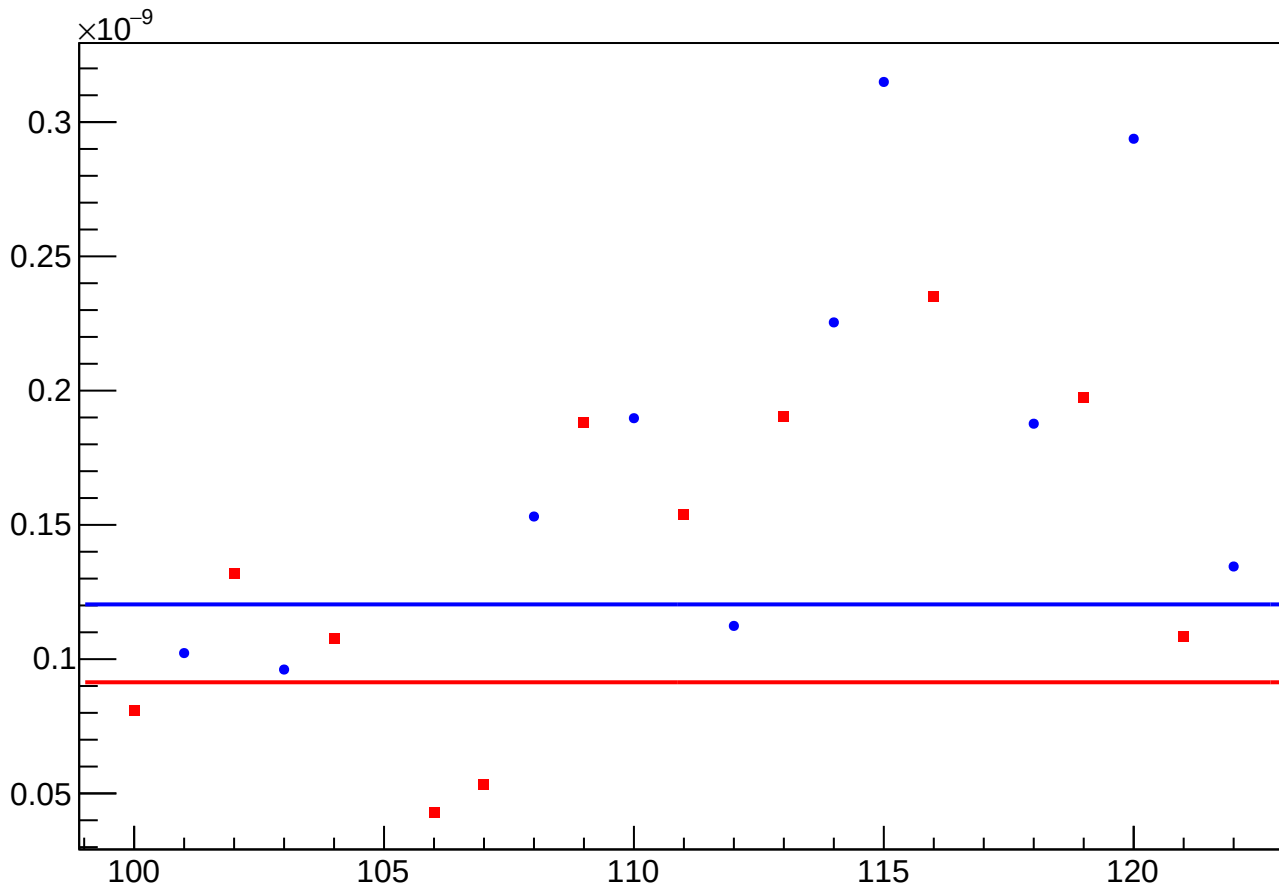
Right: -0.000+/-0.000 χ^2 /NDF: 14.8/20

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: 14.8/20

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 : 941096.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

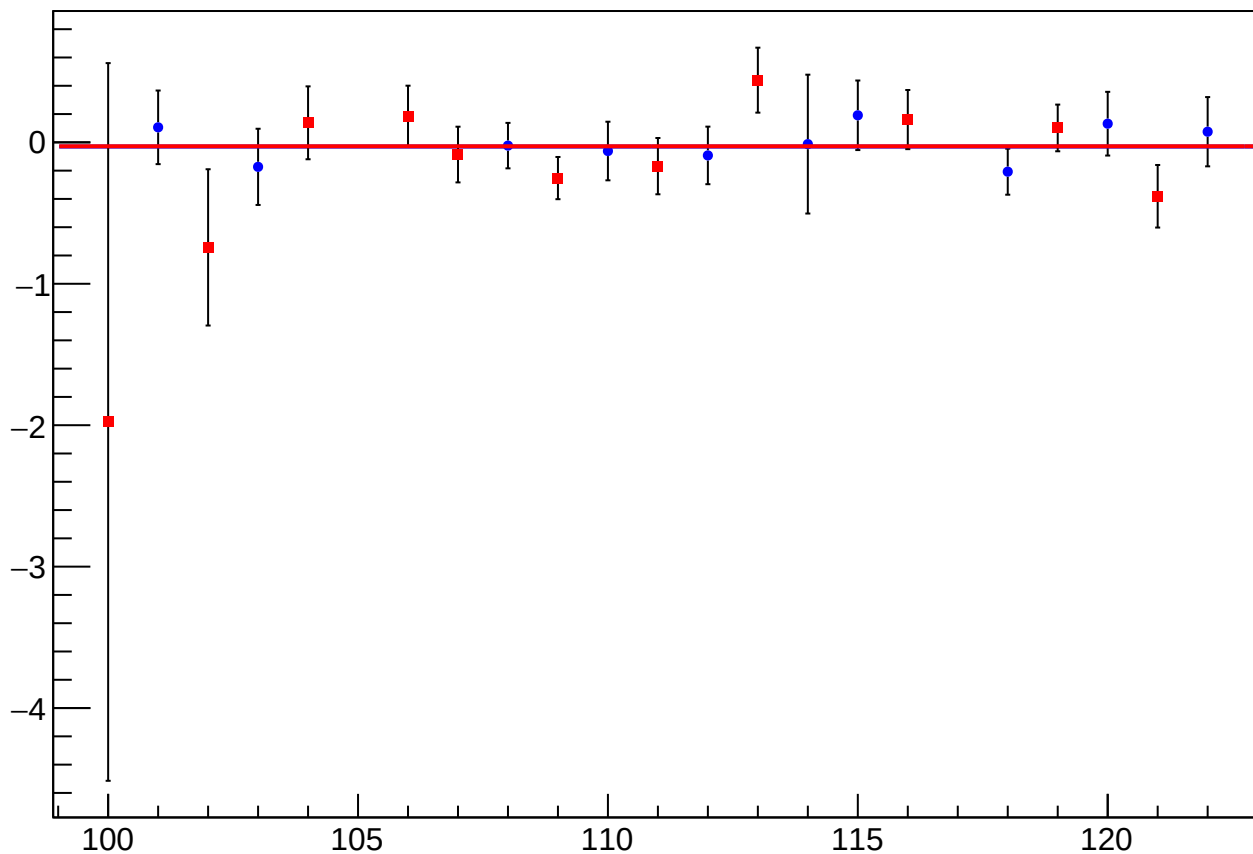
Right: 0.000+/-0.000 χ^2/NDF : 1392899.9/20

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 : 1392899.9/20

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: -0.028 ± 0.065 χ^2/NDF : 14.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

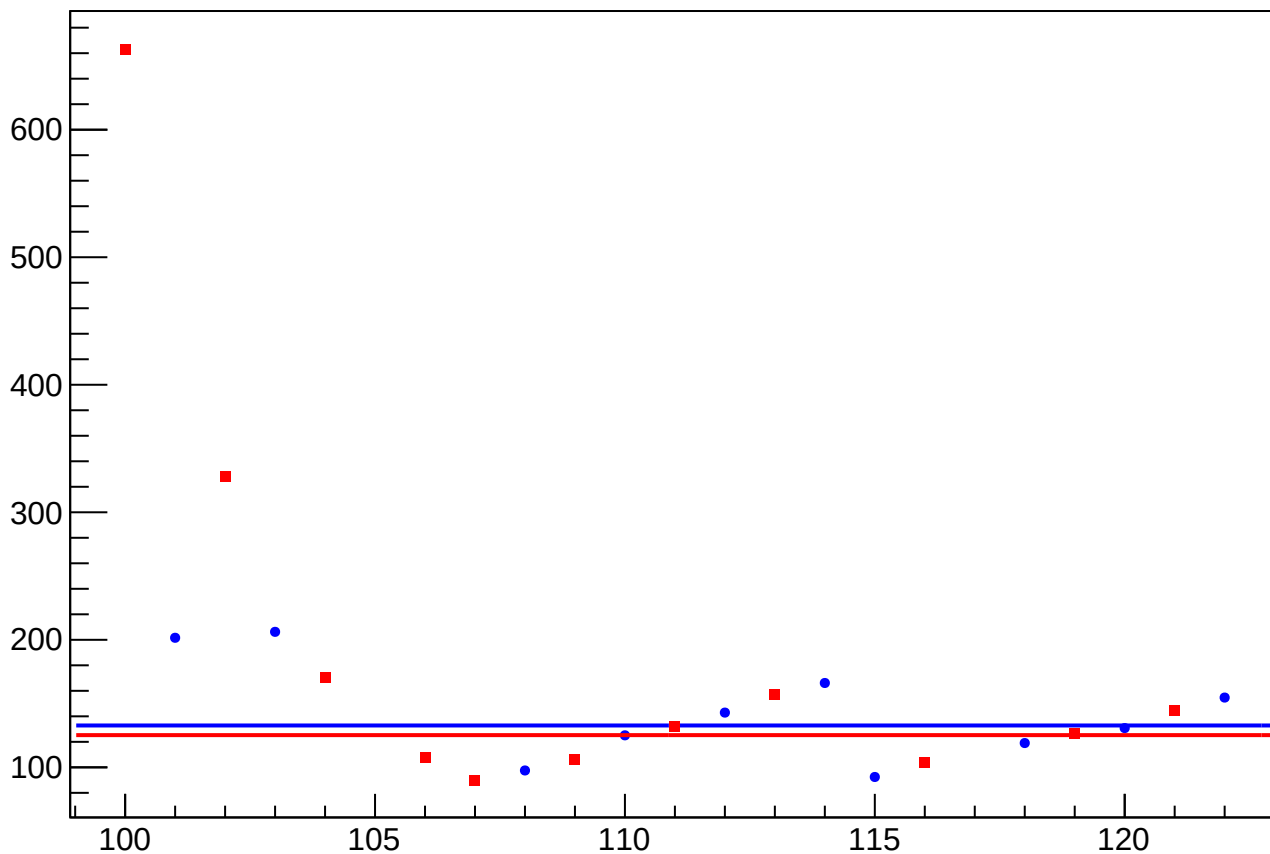
Right: -0.029 ± 0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.261+/-0.046 χ^2/NDF : 609797.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

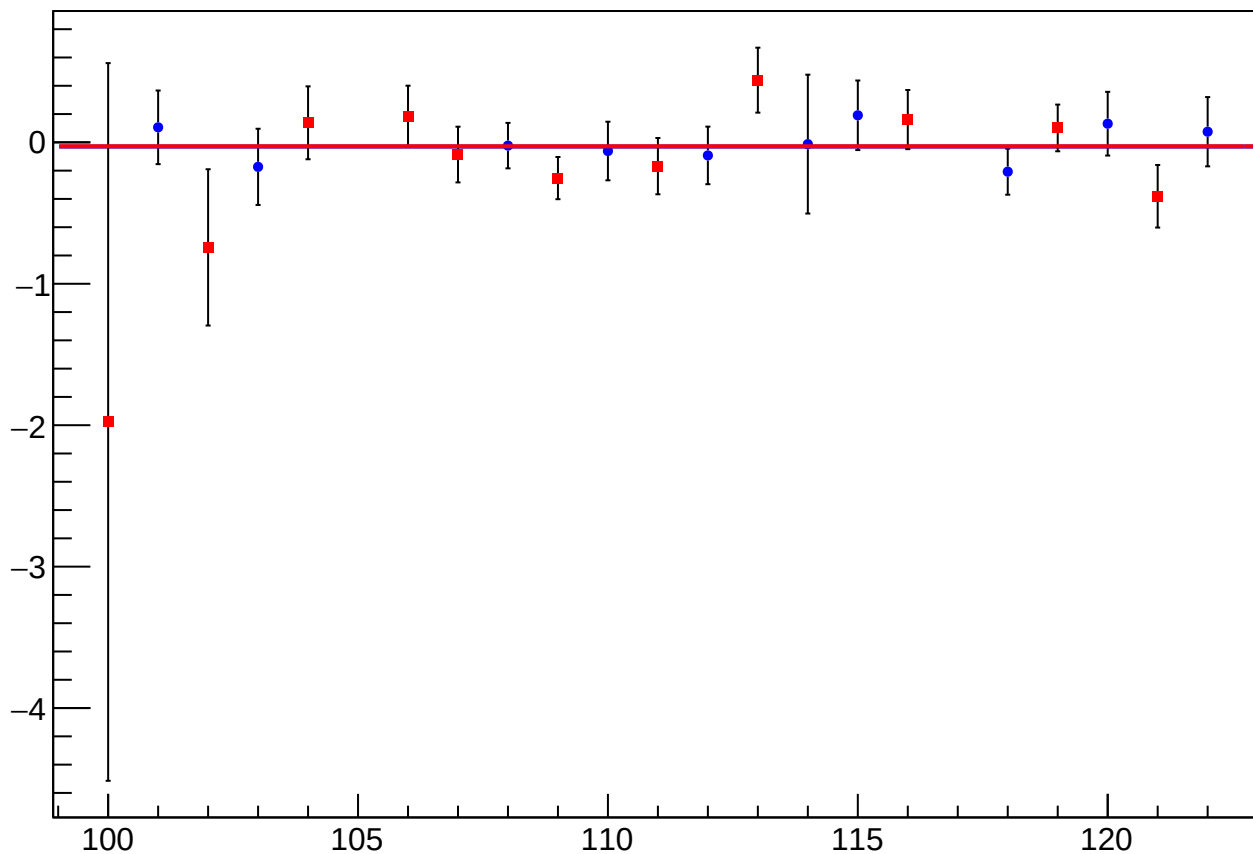
Right: 128.828+/-0.034 χ^2/NDF : 1108456.1/20

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.828+/-0.034 χ^2/NDF : 1108456.1/20

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: -0.028+/-0.065 χ^2/NDF : 14.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

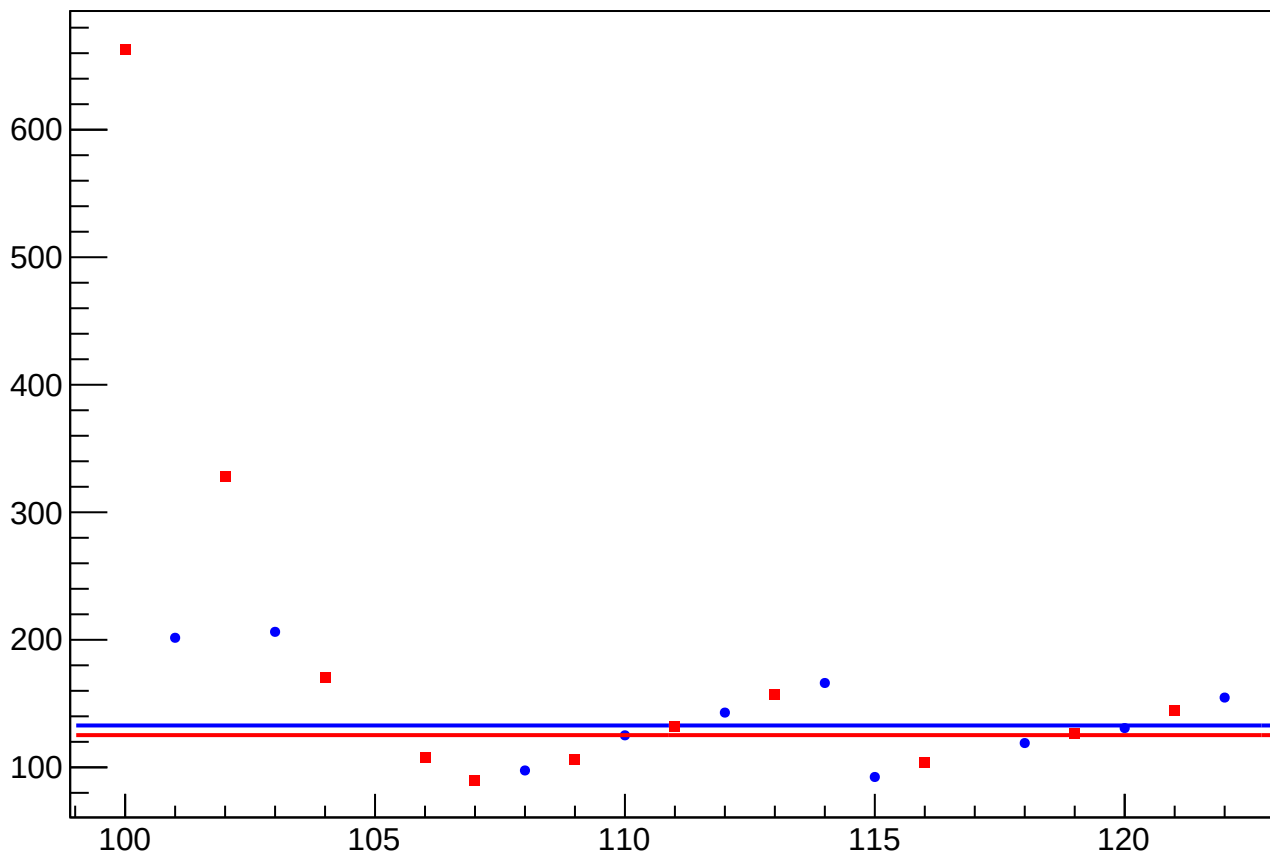
Right: -0.029+/-0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.261+/-0.046 χ^2/NDF : 609797.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

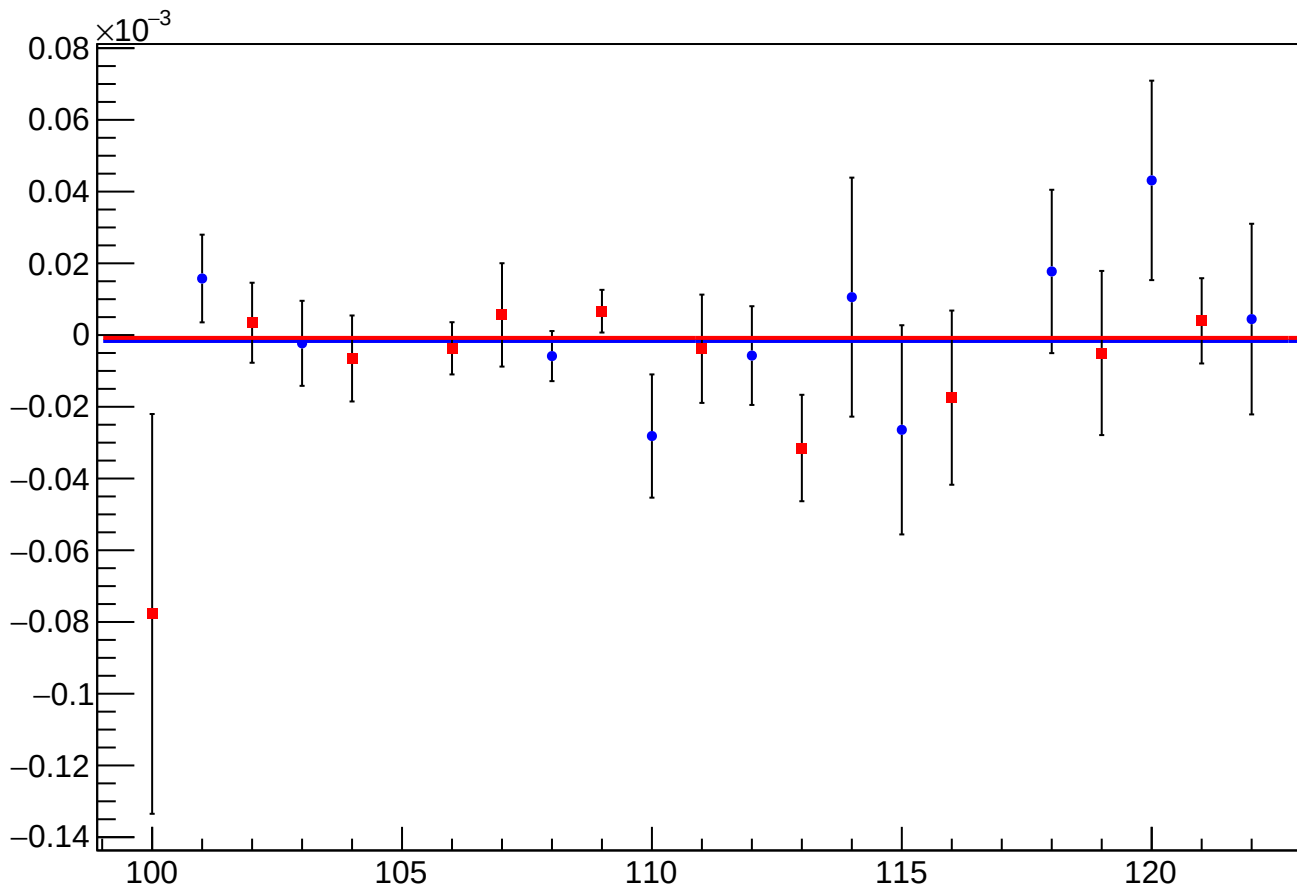
Right: 128.828+/-0.034 χ^2/NDF : 1108456.1/20

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.828+/-0.034 χ^2/NDF : 1108456.1/20

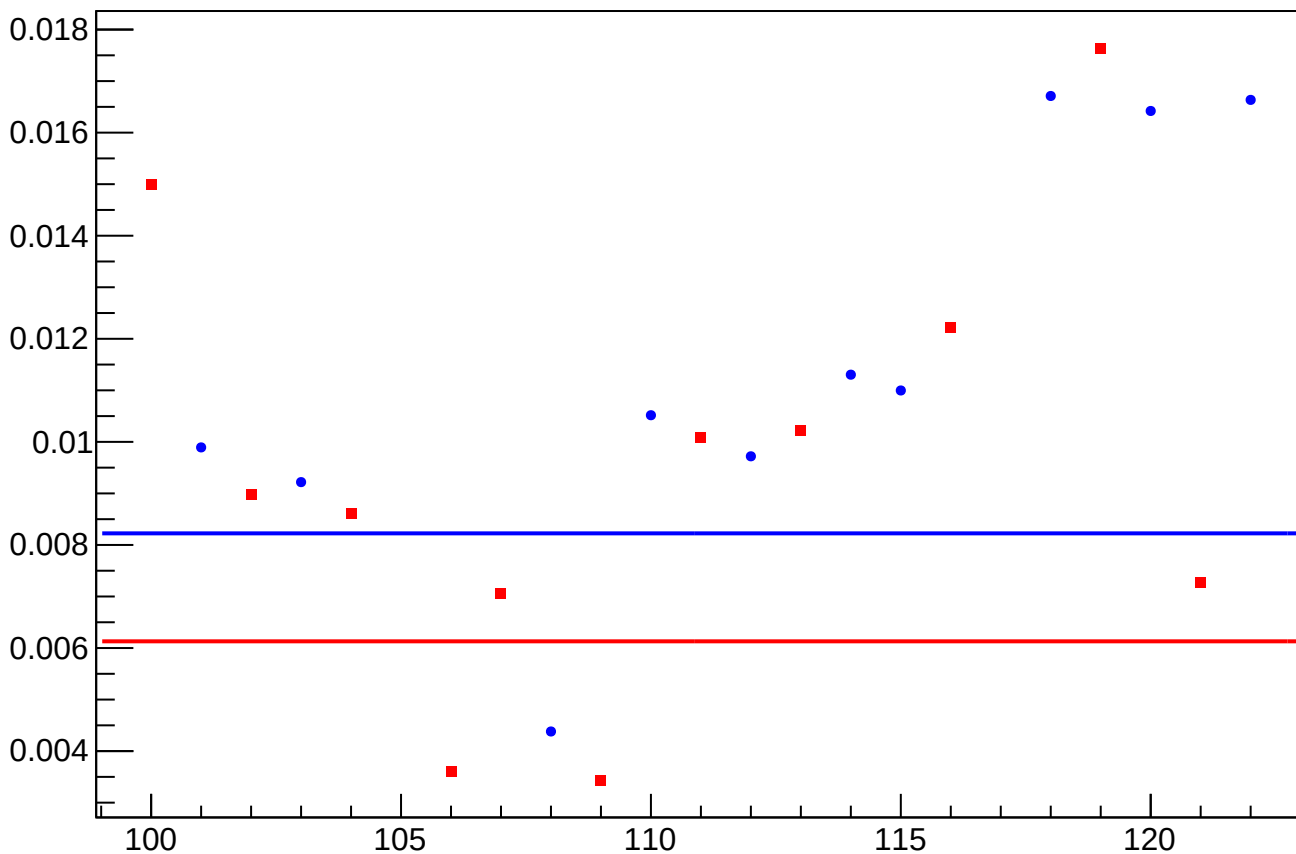
asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 9.2/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 18.3/20
 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 : 18.3/20

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 : 1865475.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

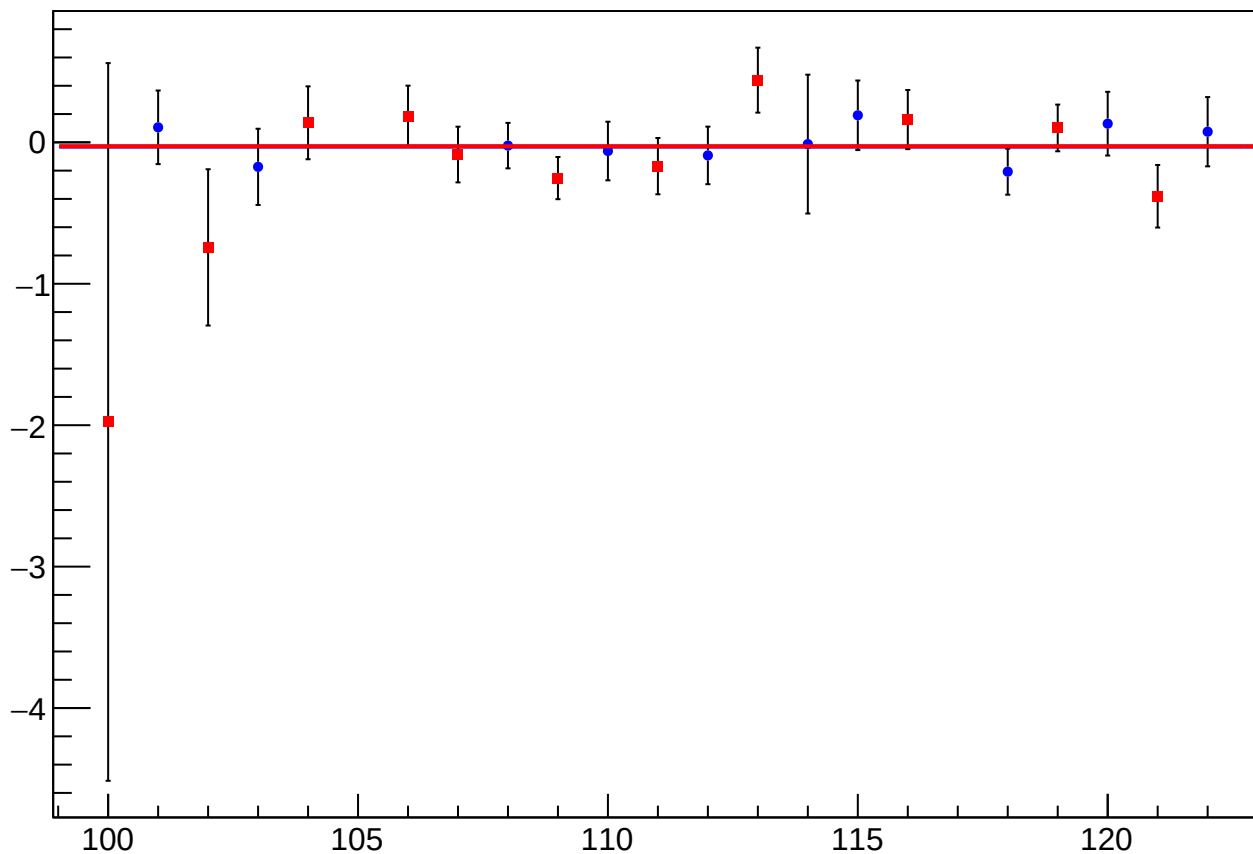
Right: 0.007+/-0.000 χ^2/NDF : 3546034.6/20

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 : 3546034.6/20

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: -0.028 ± 0.065 χ^2/NDF : 14.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

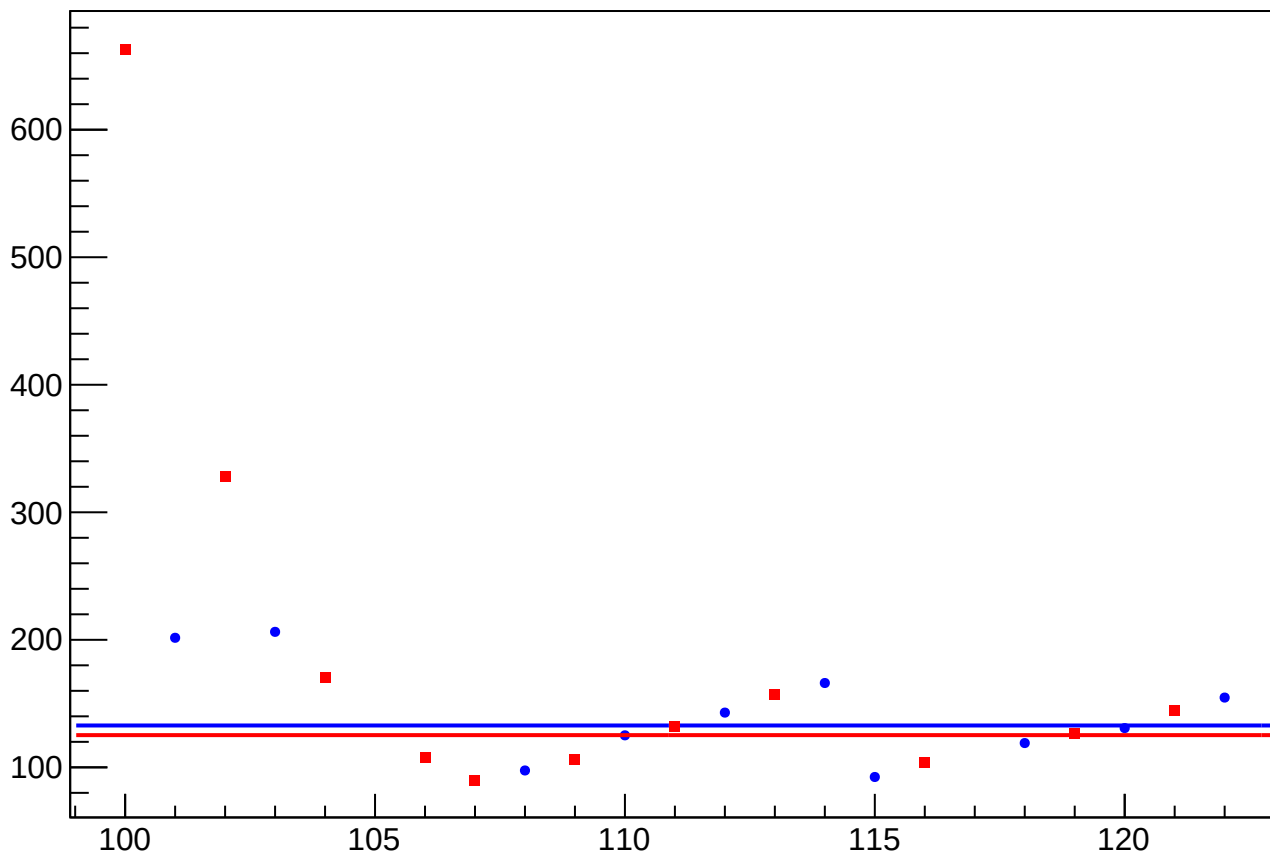
Right: -0.029 ± 0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.263+/-0.046 χ^2/NDF : 609746.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

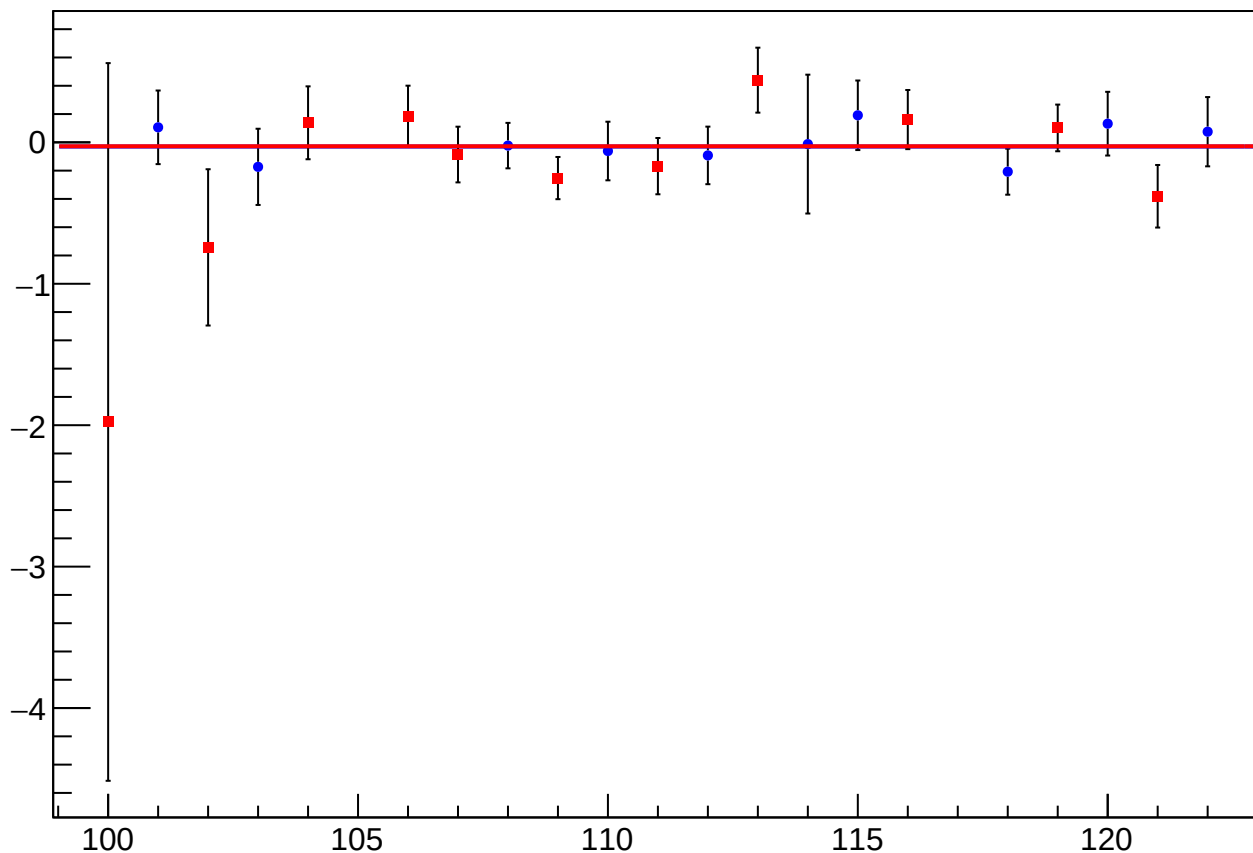
Right: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

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: -0.028 ± 0.065 χ^2/NDF : 14.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

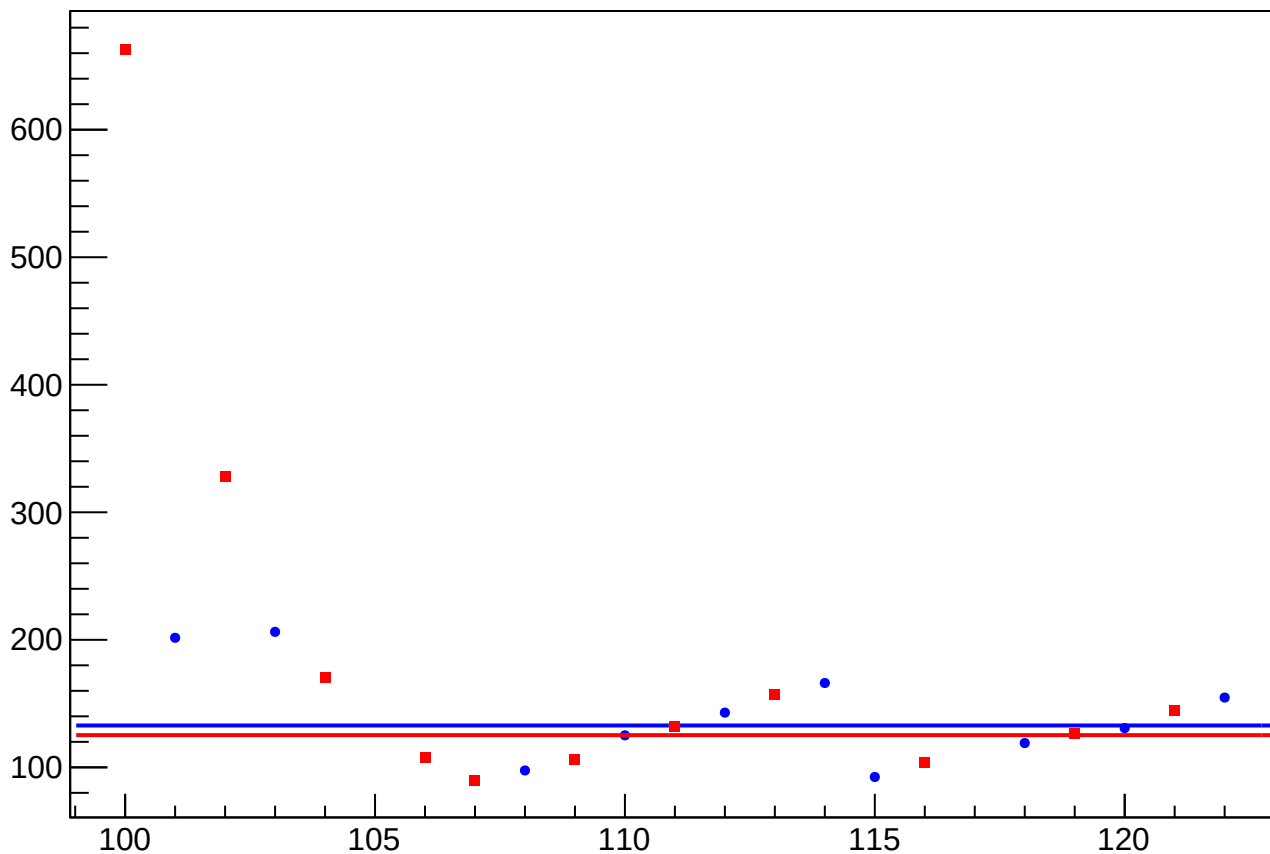
Right: -0.029 ± 0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.263+/-0.046 χ^2/NDF : 609746.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

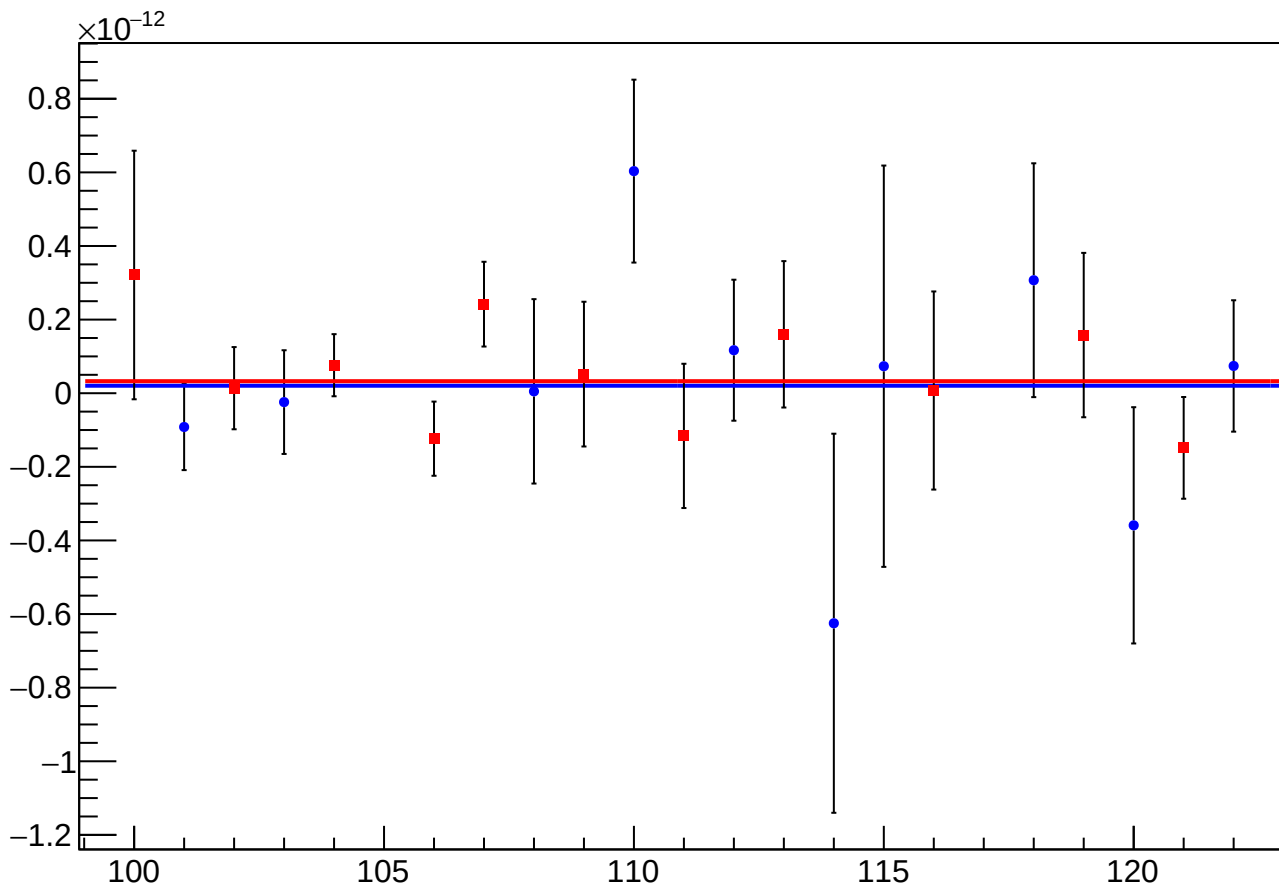
Right: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

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 : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

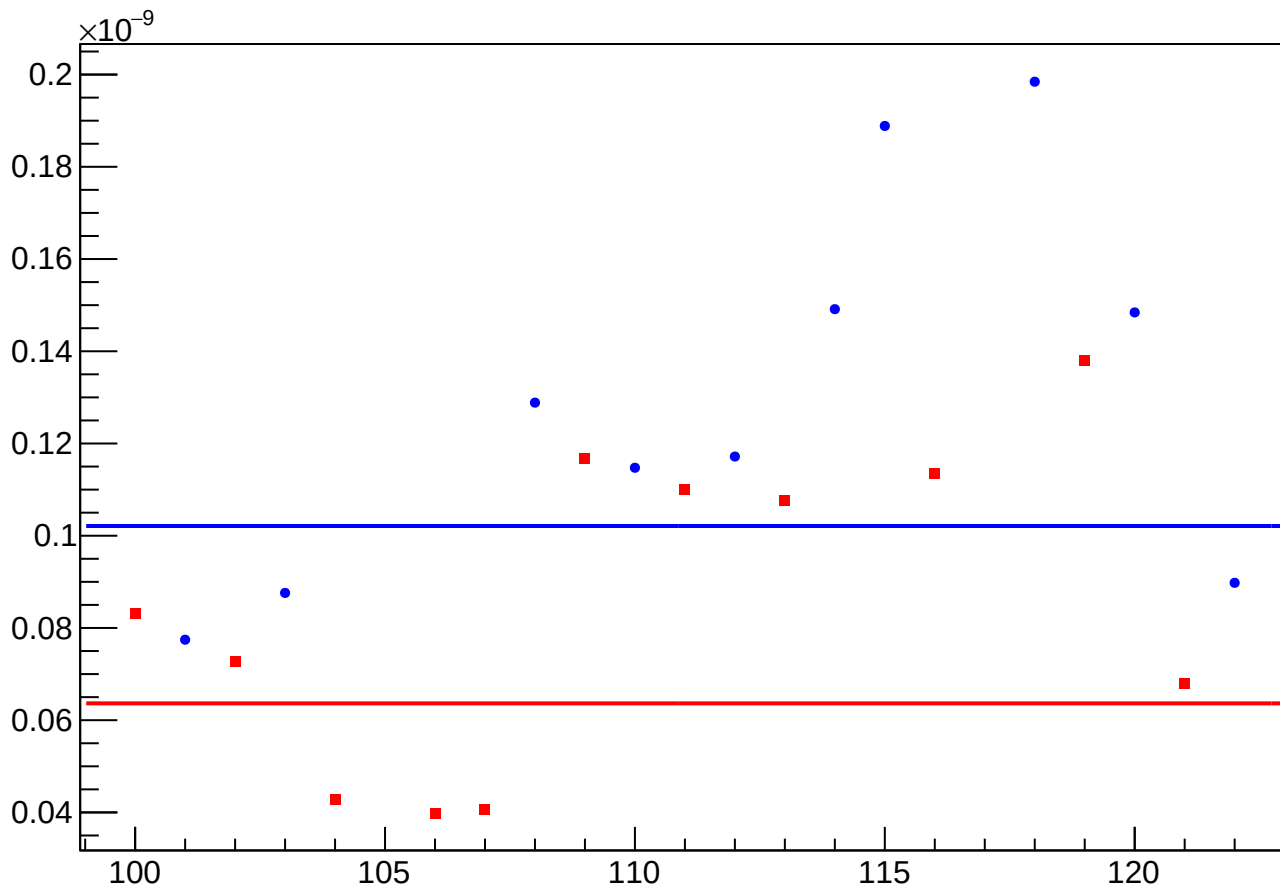
Right: 0.000+/-0.000 χ^2/NDF : 20.5/20

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 : 20.5/20

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 : 981434.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

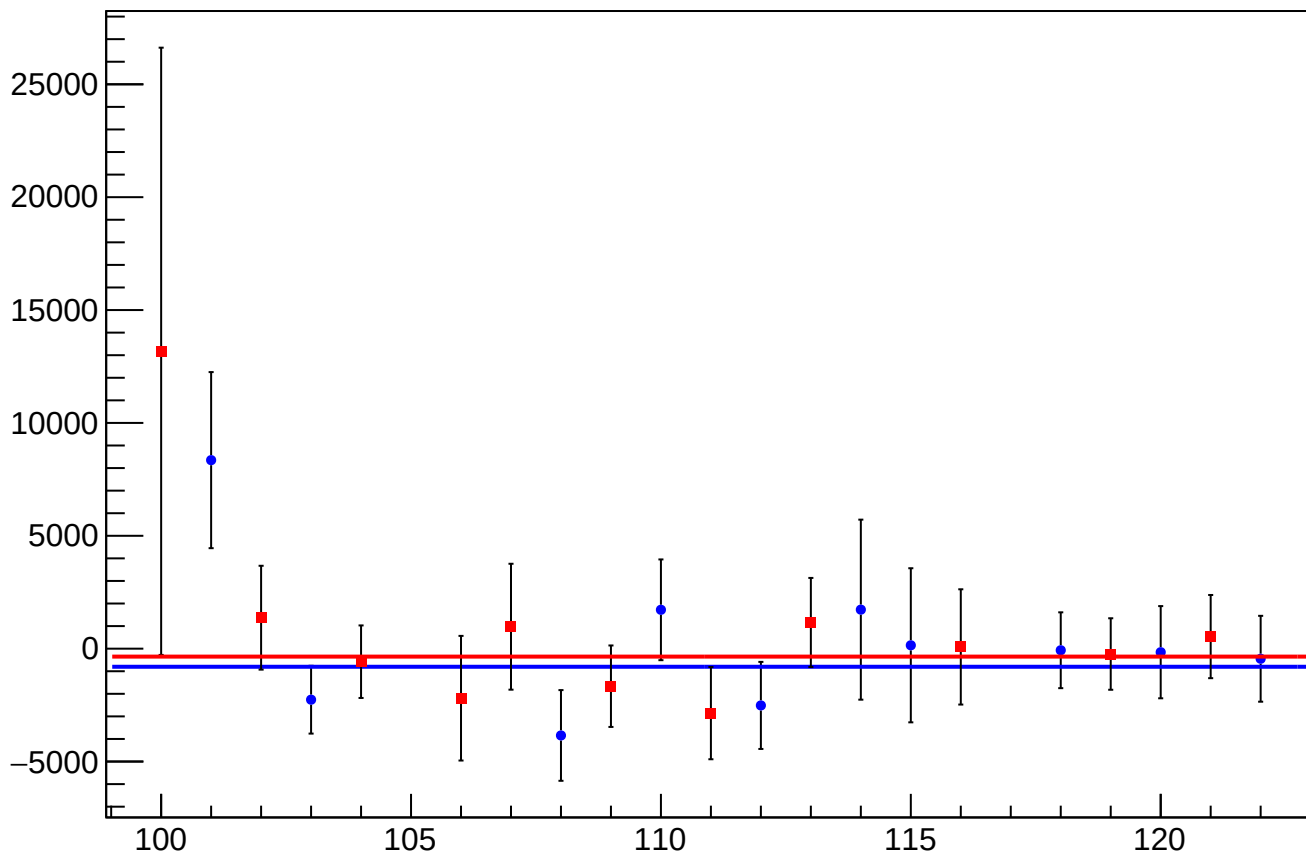
Right: 0.000+/-0.000 χ^2/NDF : 1933960.0/20

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 : 1933960.0/20

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: -351.659+/-633.518 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

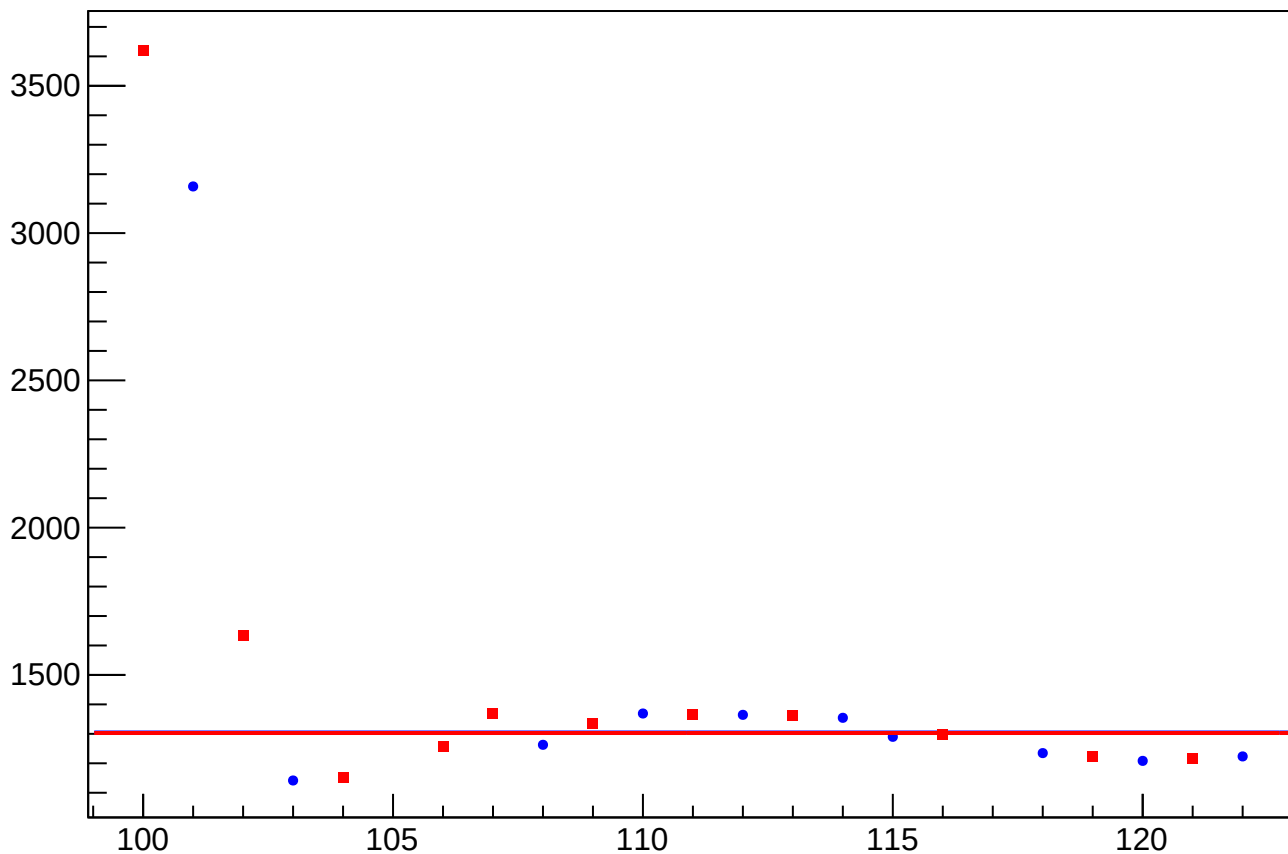
Right: -564.983+/-459.429 χ^2/NDF : 17.0/20

In: -801.633+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -564.983+/-459.429 χ^2/NDF : 17.0/20

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: 1302.847+/-0.446 χ^2/NDF : 134351.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

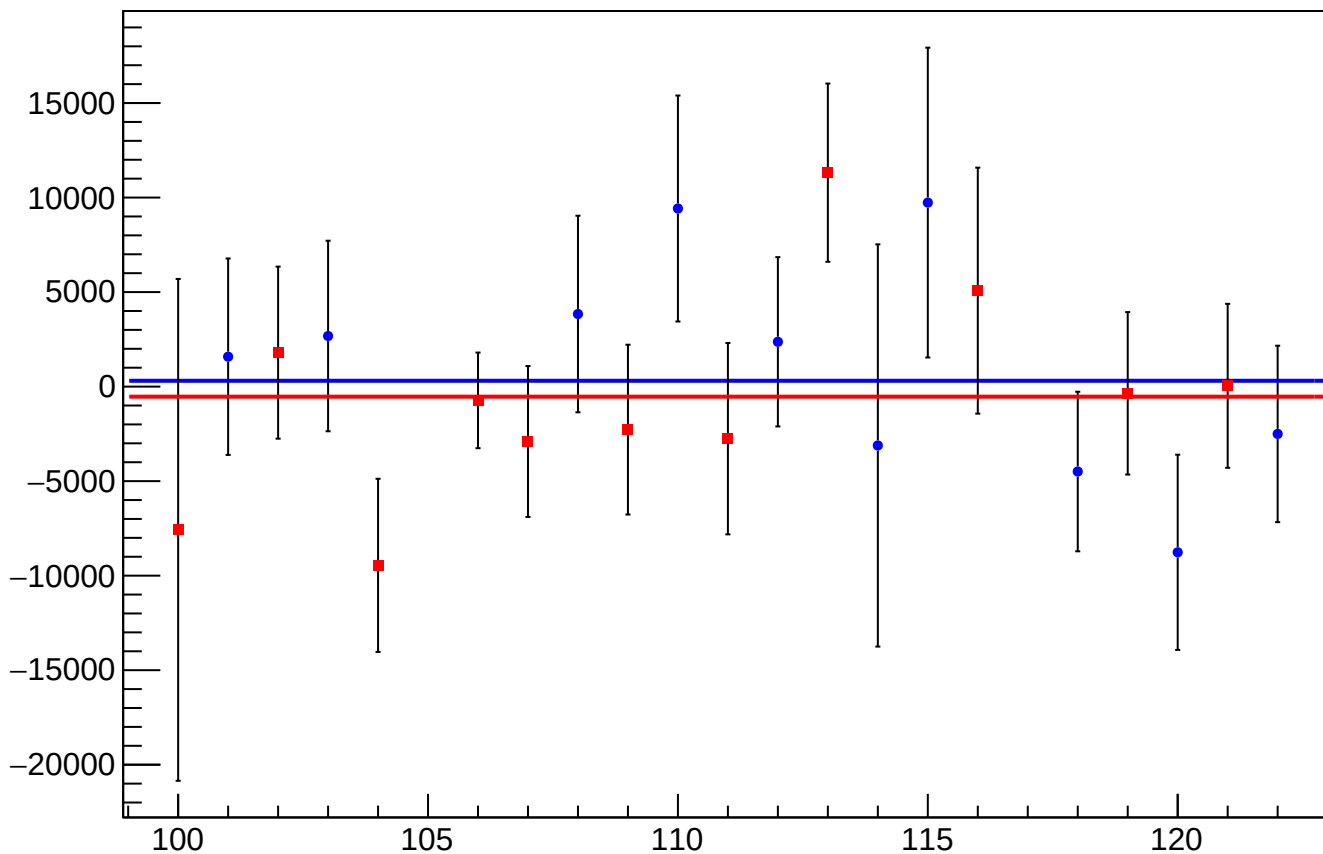
Right: 1303.642+/-0.324 χ^2/NDF : 626151.0/20

In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.642+/-0.324 χ^2/NDF : 626151.0/20

asym_atl1r2_dd_atl2r1_dd_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: -531.816+/-1307.023 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

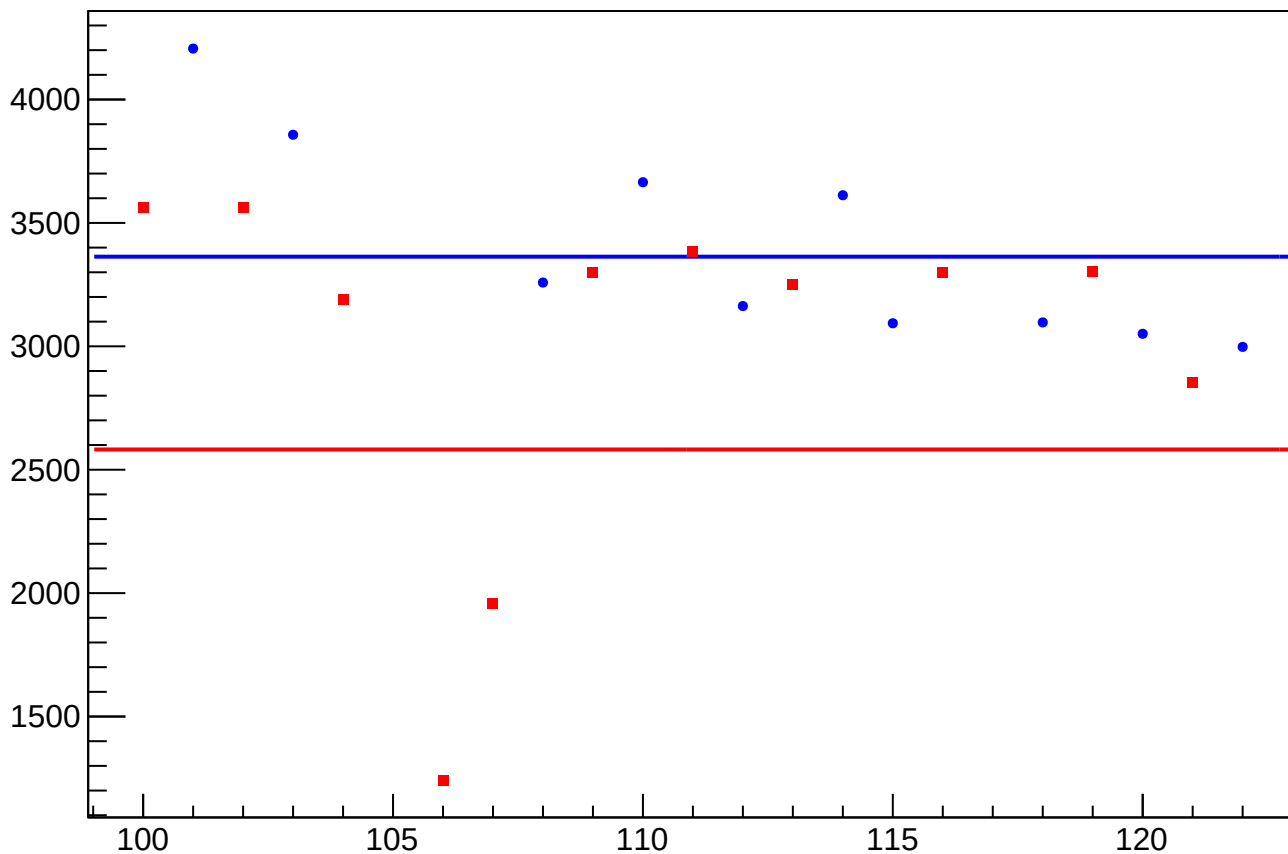
Right: -214.697+/-1031.428 χ^2/NDF : 21.7/20

In: 308.783+/-1679.275 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.697+/-1031.428 χ^2/NDF : 21.7/20

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: 2582.070+/-0.924 χ^2/NDF : 979256.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

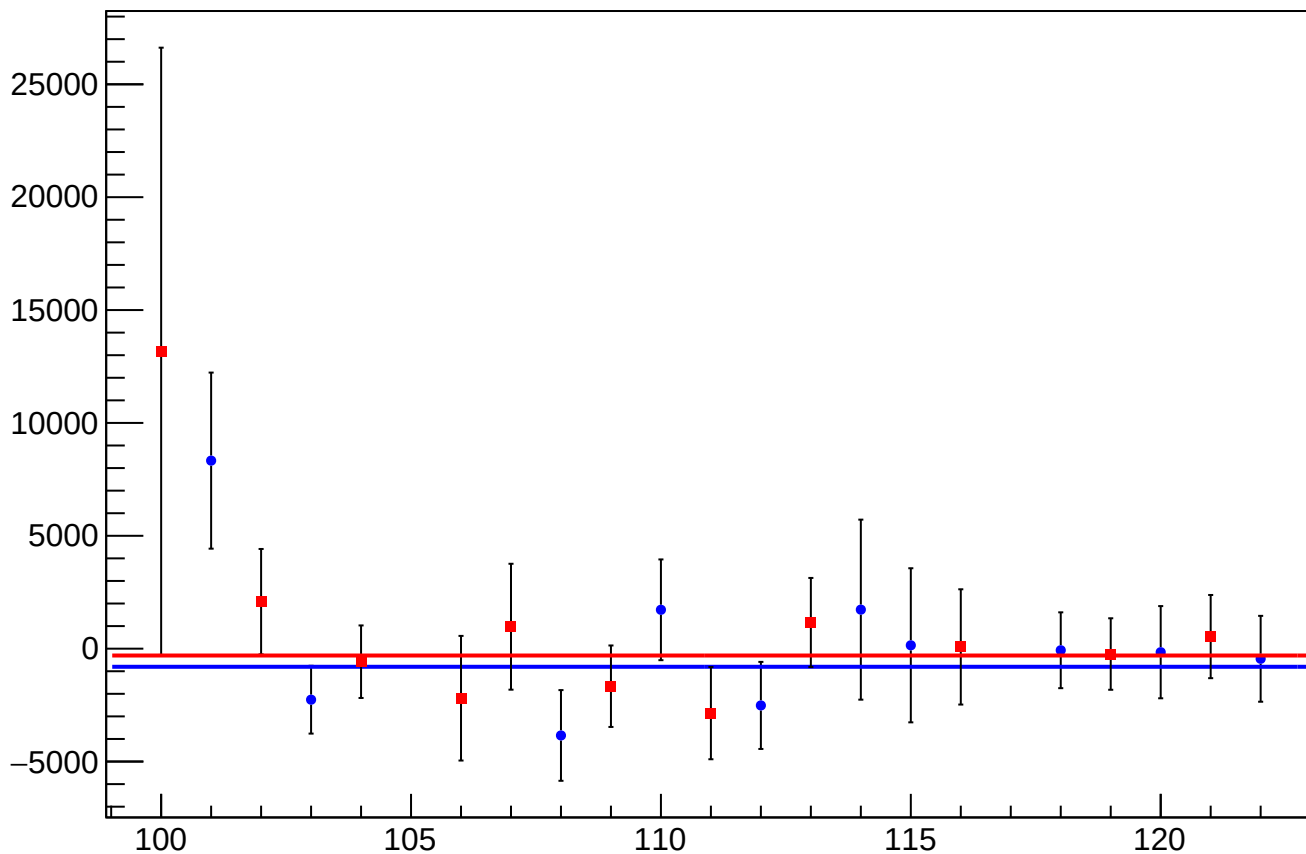
Right: 2876.766+/-0.729 χ^2/NDF : 1361374.7/20

In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2876.766+/-0.729 χ^2/NDF : 1361374.7/20

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: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

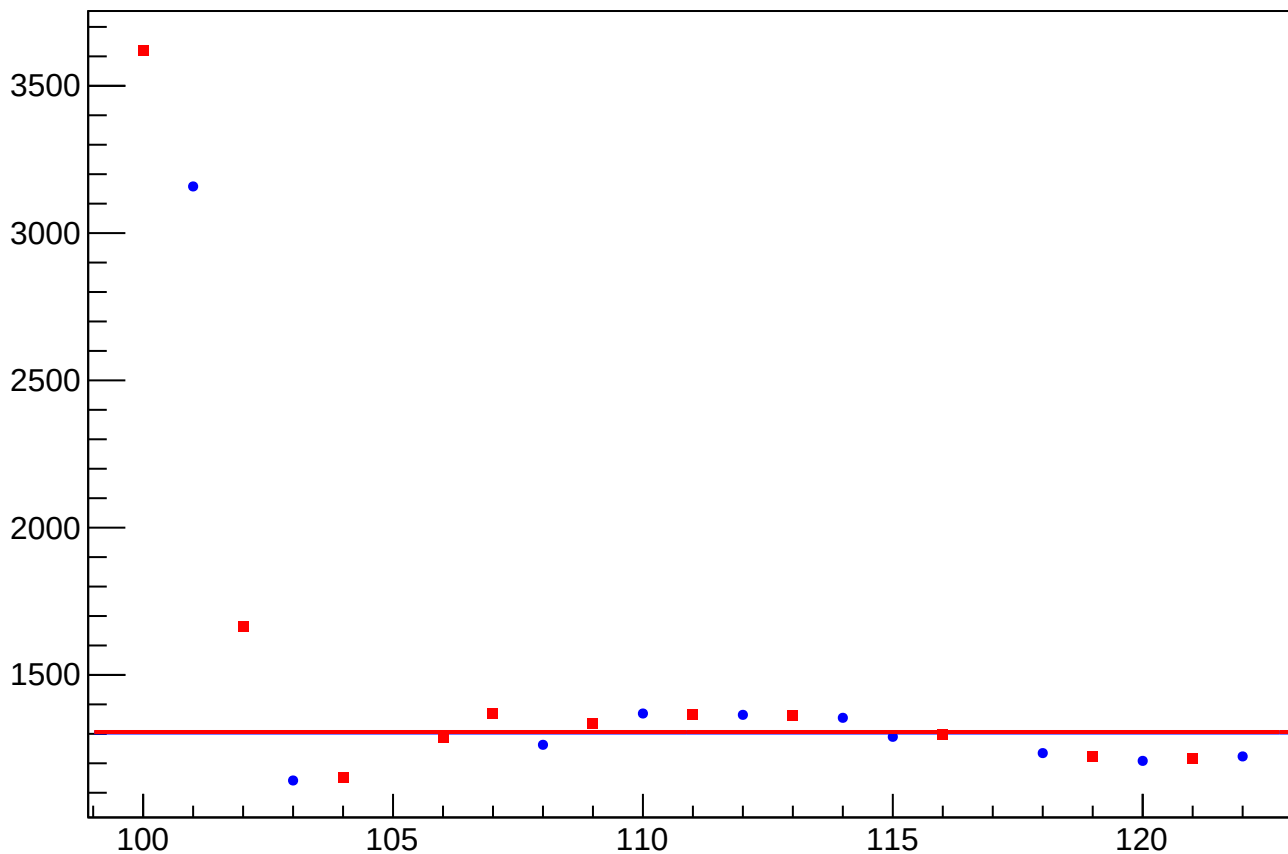
Right: -540.136+/-459.699 χ^2/NDF : 17.5/20

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -540.136+/-459.699 χ^2/NDF : 17.5/20

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: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

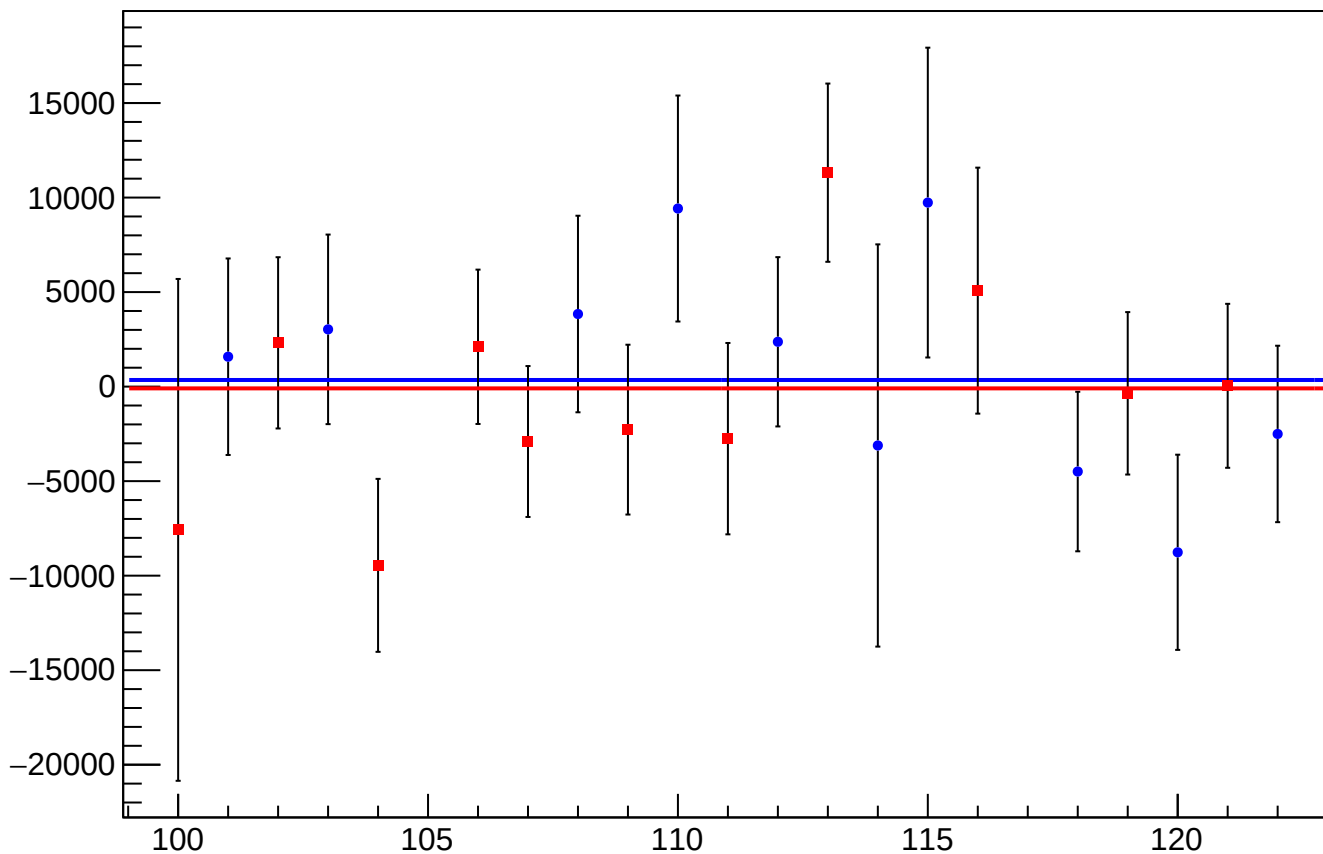
Right: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

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: -93.877 $\pm$ 1429.204 χ^2 /NDF: 12.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

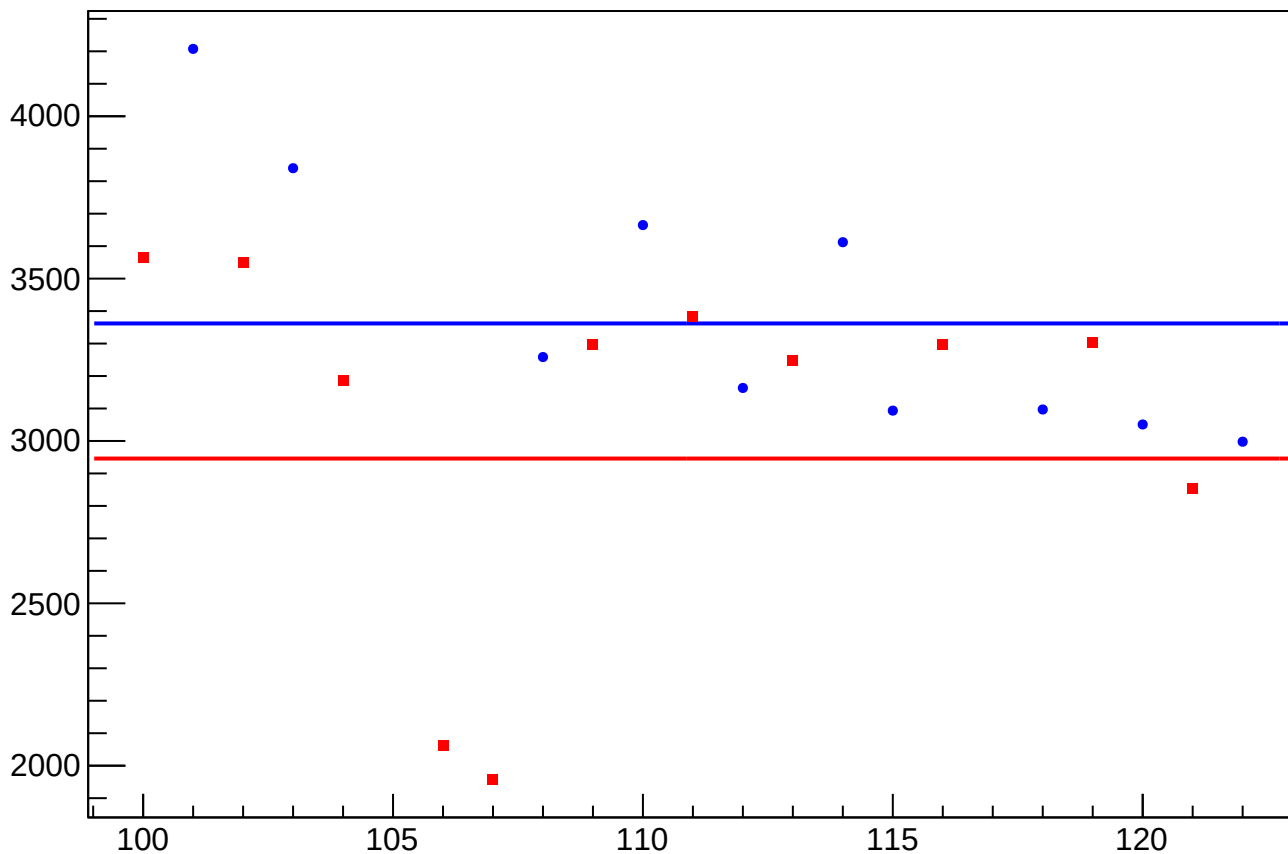
Right: 92.958 $\pm$ 1088.132 χ^2 /NDF: 22.1/20

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: 92.958 $\pm$ 1088.132 χ^2 /NDF: 22.1/20

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: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

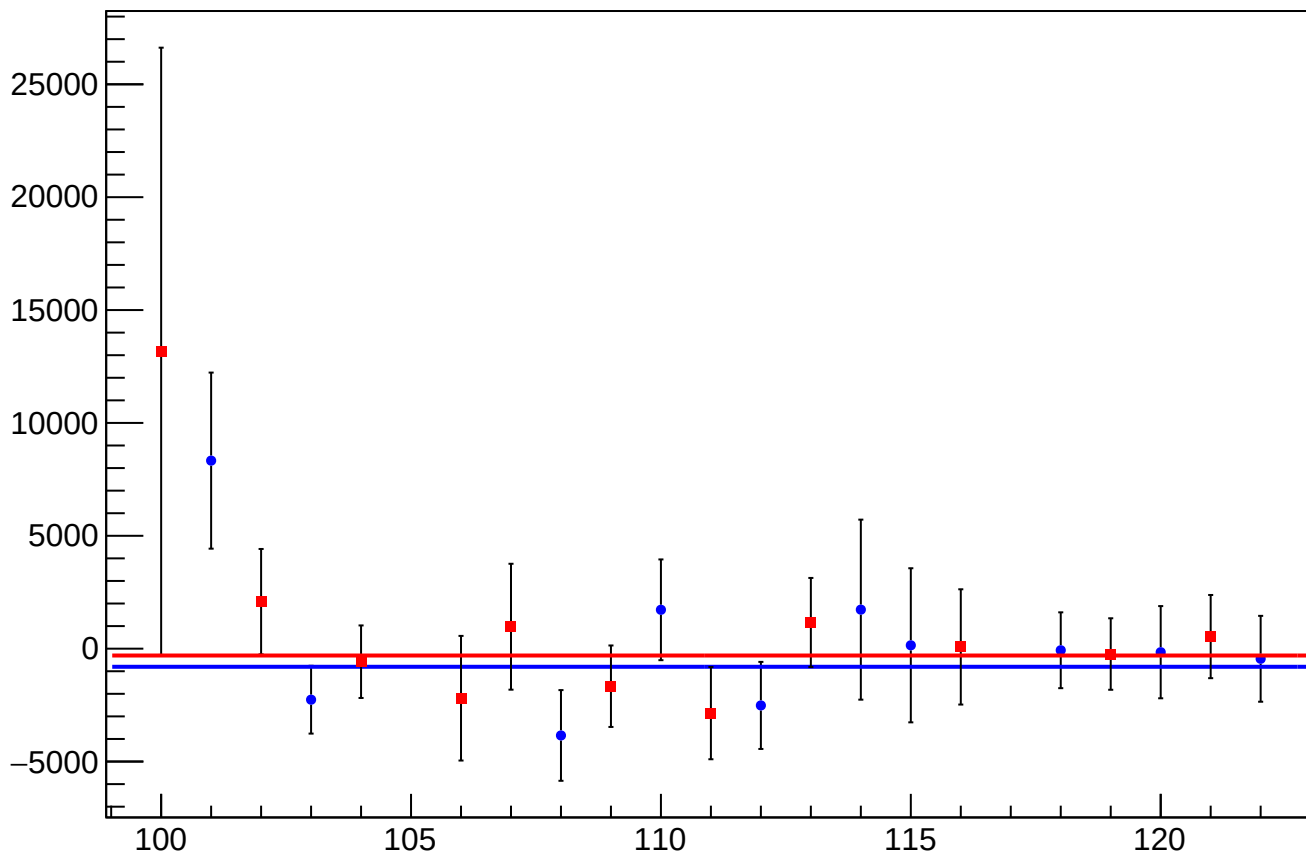
Right: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

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: -303.241+/-634.227 χ^2/NDF : 5.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

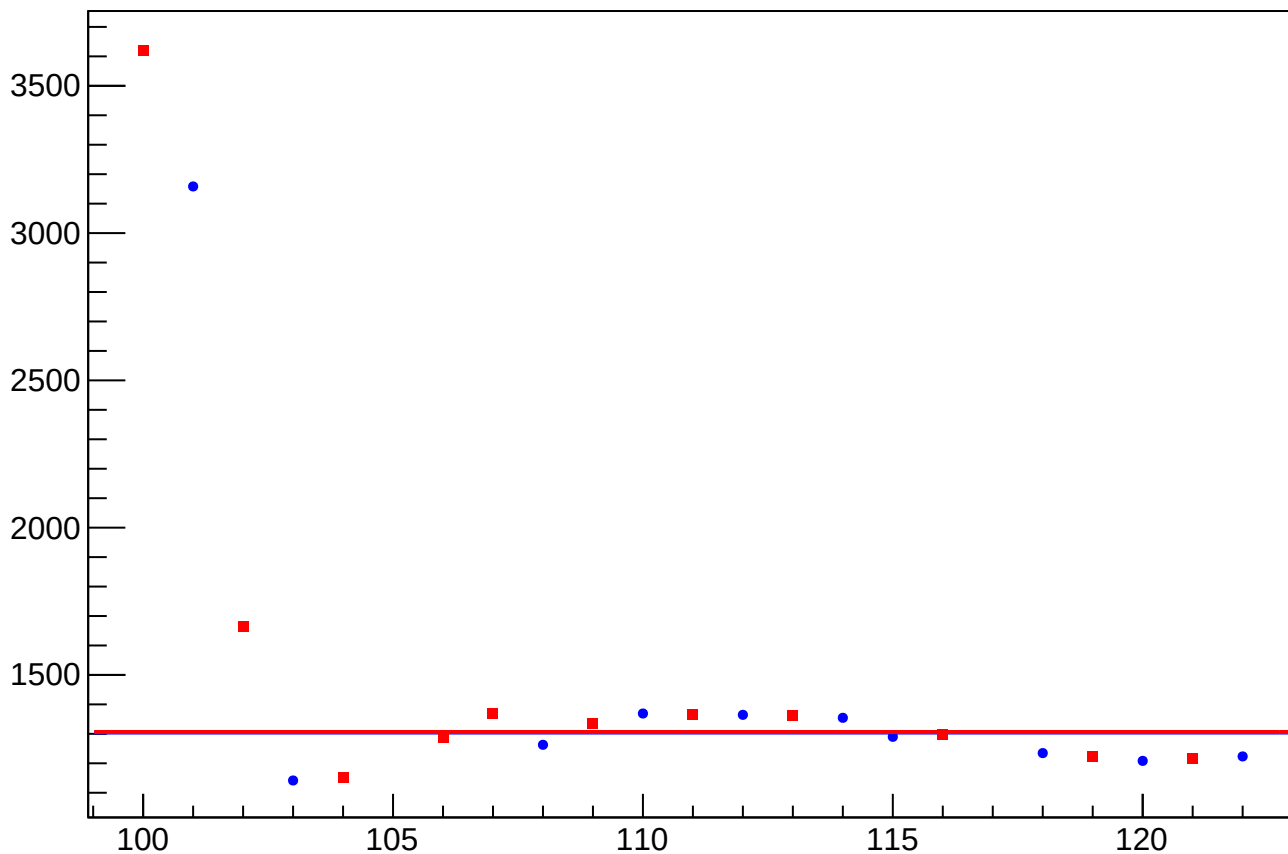
Right: -540.136+/-459.699 χ^2/NDF : 17.5/20

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -540.136+/-459.699 χ^2/NDF : 17.5/20

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: 1306.283+/-0.447 χ^2/NDF : 140715.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

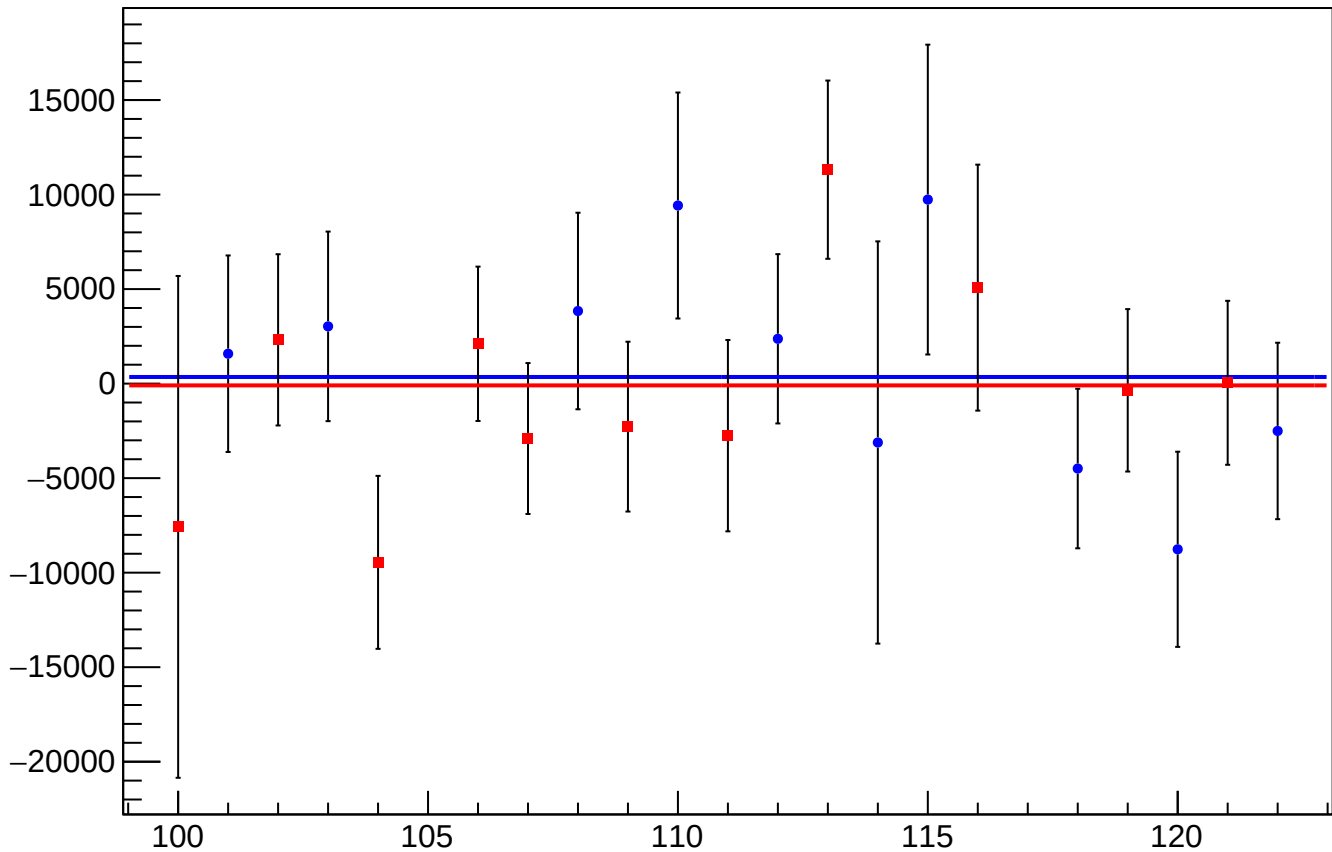
Right: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.455+/-0.325 χ^2/NDF : 632517.5/20

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: -93.877+/-1429.204 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

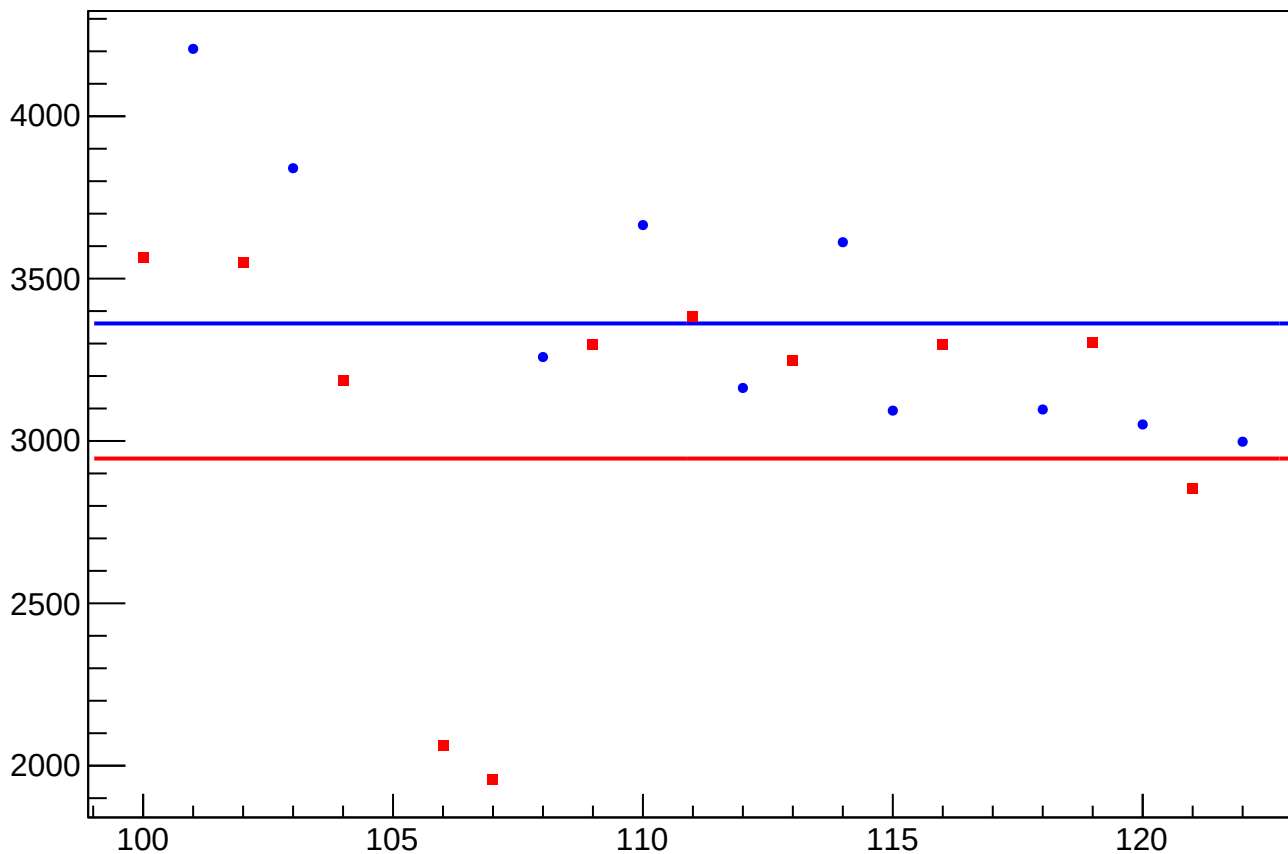
Right: 92.958+/-1088.132 χ^2/NDF : 22.1/20

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.958+/-1088.132 χ^2/NDF : 22.1/20

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: 2945.881+/-1.011 χ^2/NDF : 318282.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

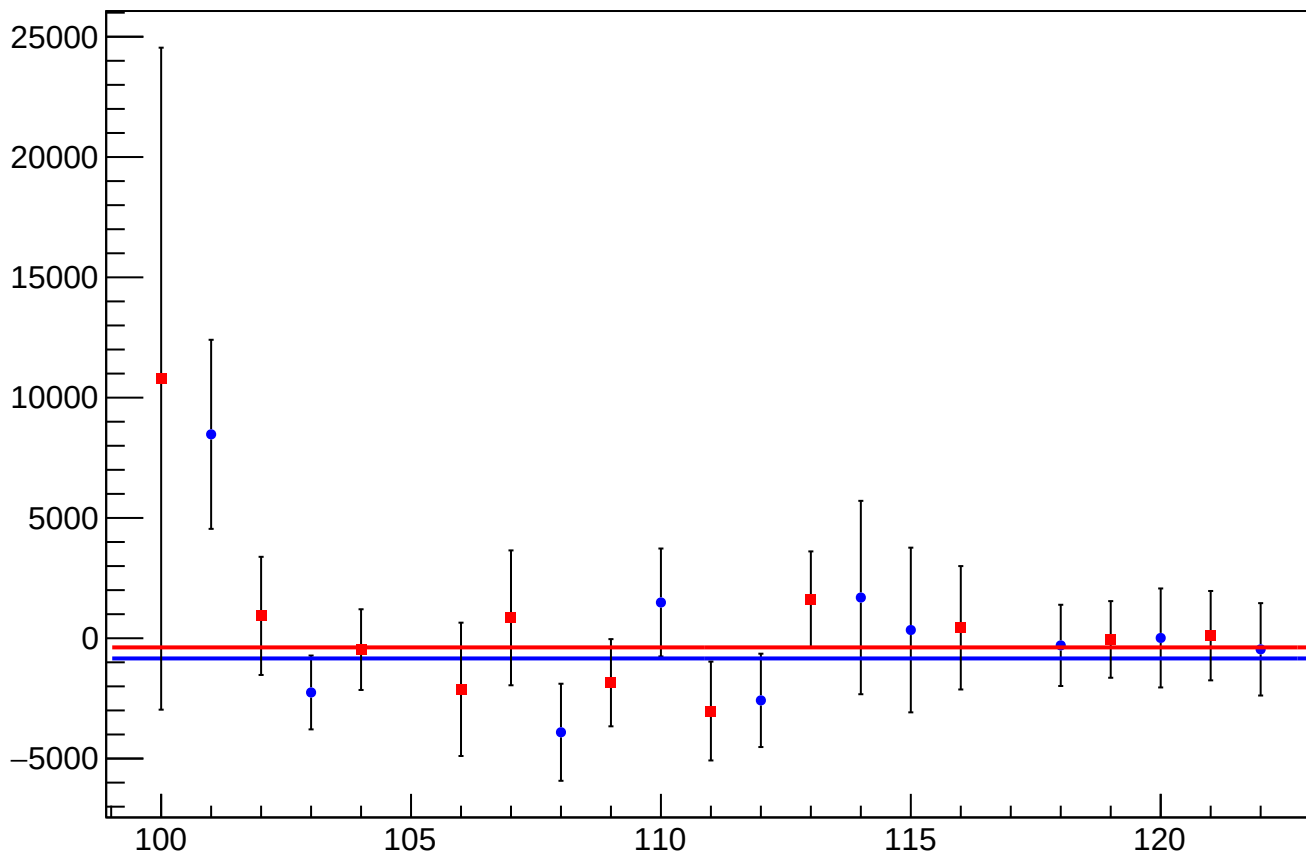
Right: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.759+/-0.769 χ^2/NDF : 501100.2/20

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: -379.809+/-643.489 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

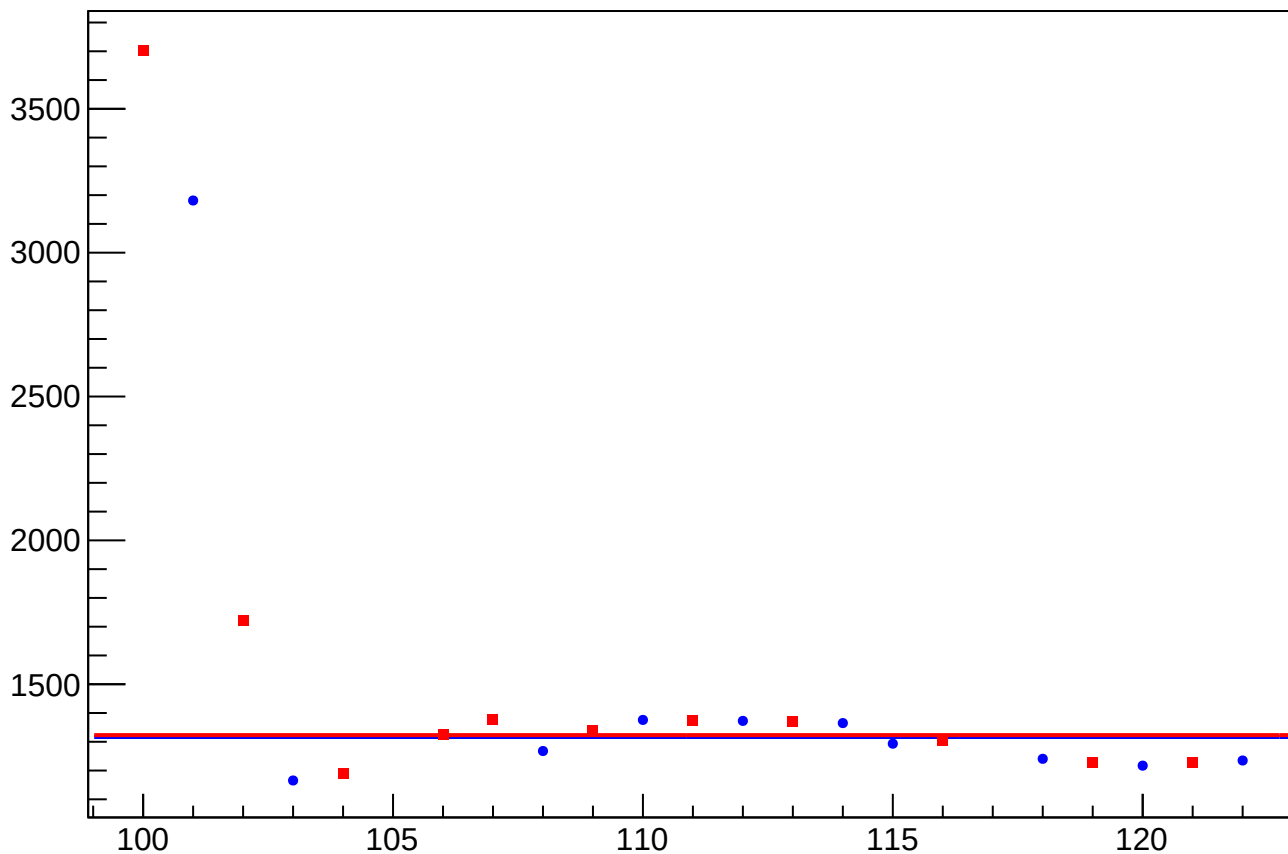
Right: -599.125+/-465.195 χ^2/NDF : 16.8/20

In: -839.228+/-673.294 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -599.125+/-465.195 χ^2/NDF : 16.8/20

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: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

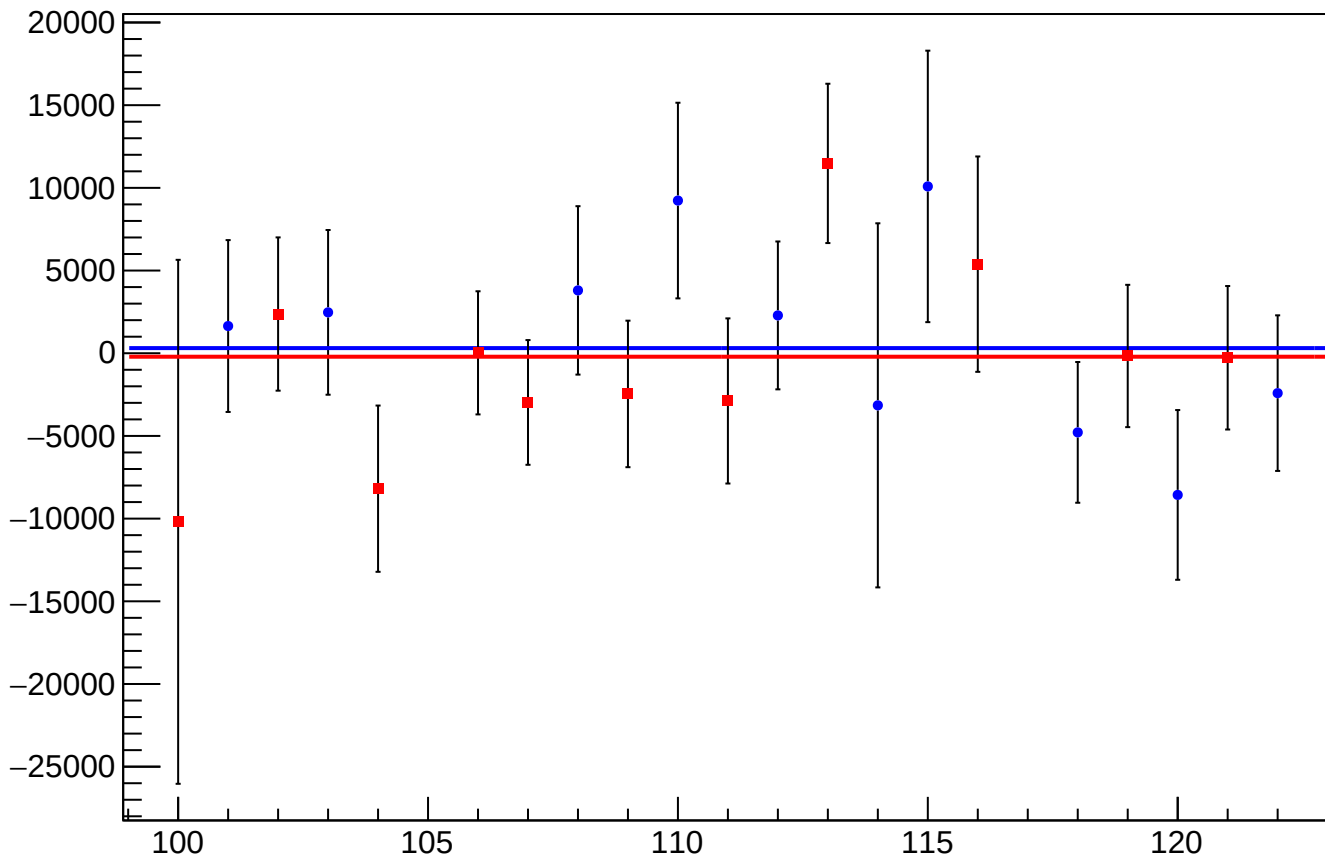
Right: 1320.020+/-0.329 χ^2/NDF : 627678.2/20

In: 1316.587+/-0.476 χ^2/NDF : 486821.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.020+/-0.329 χ^2/NDF : 627678.2/20

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: -210.111+/-1417.731 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

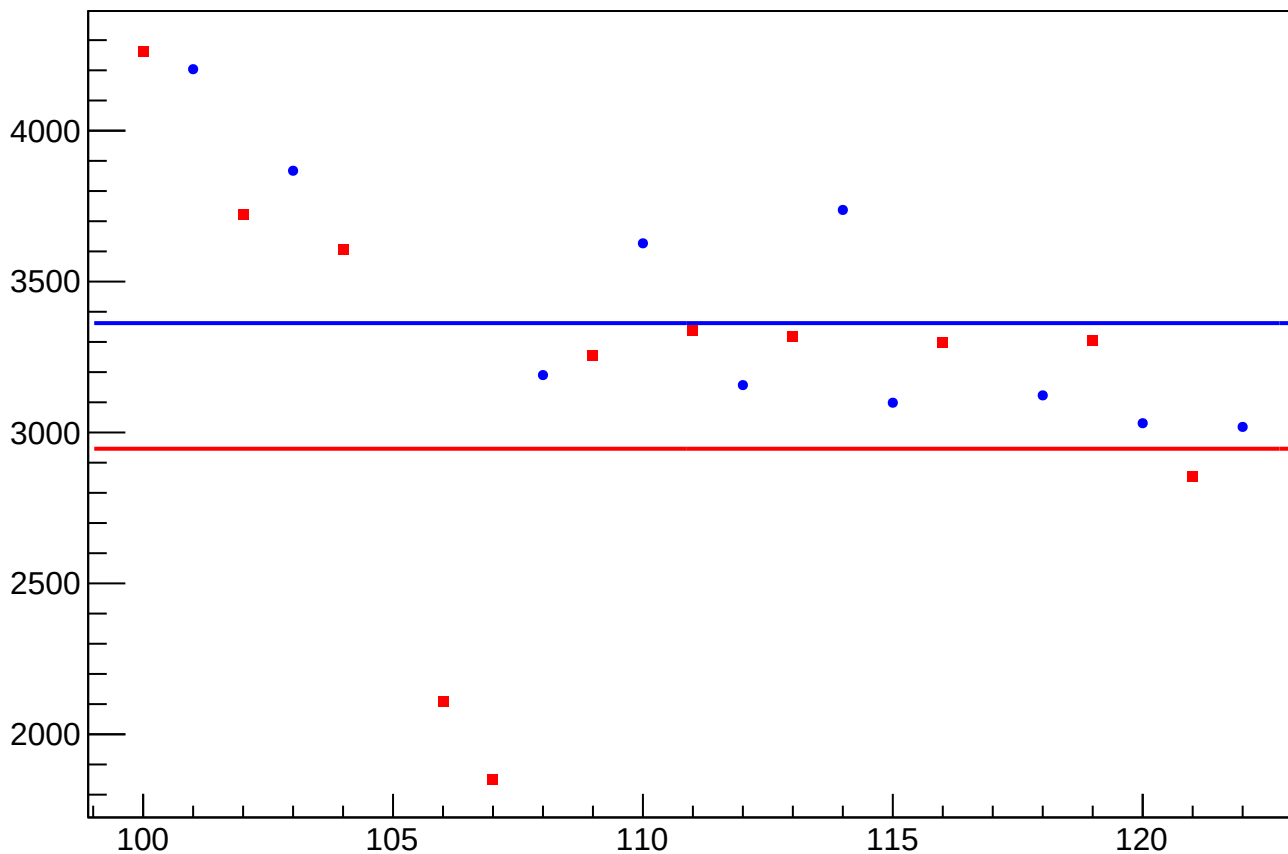
Right: 7.164+/-1082.406 χ^2/NDF : 20.5/20

In: 310.805+/-1675.980 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.164+/-1082.406 χ^2/NDF : 20.5/20

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: 2946.176+/-1.002 χ^2/NDF : 429902.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

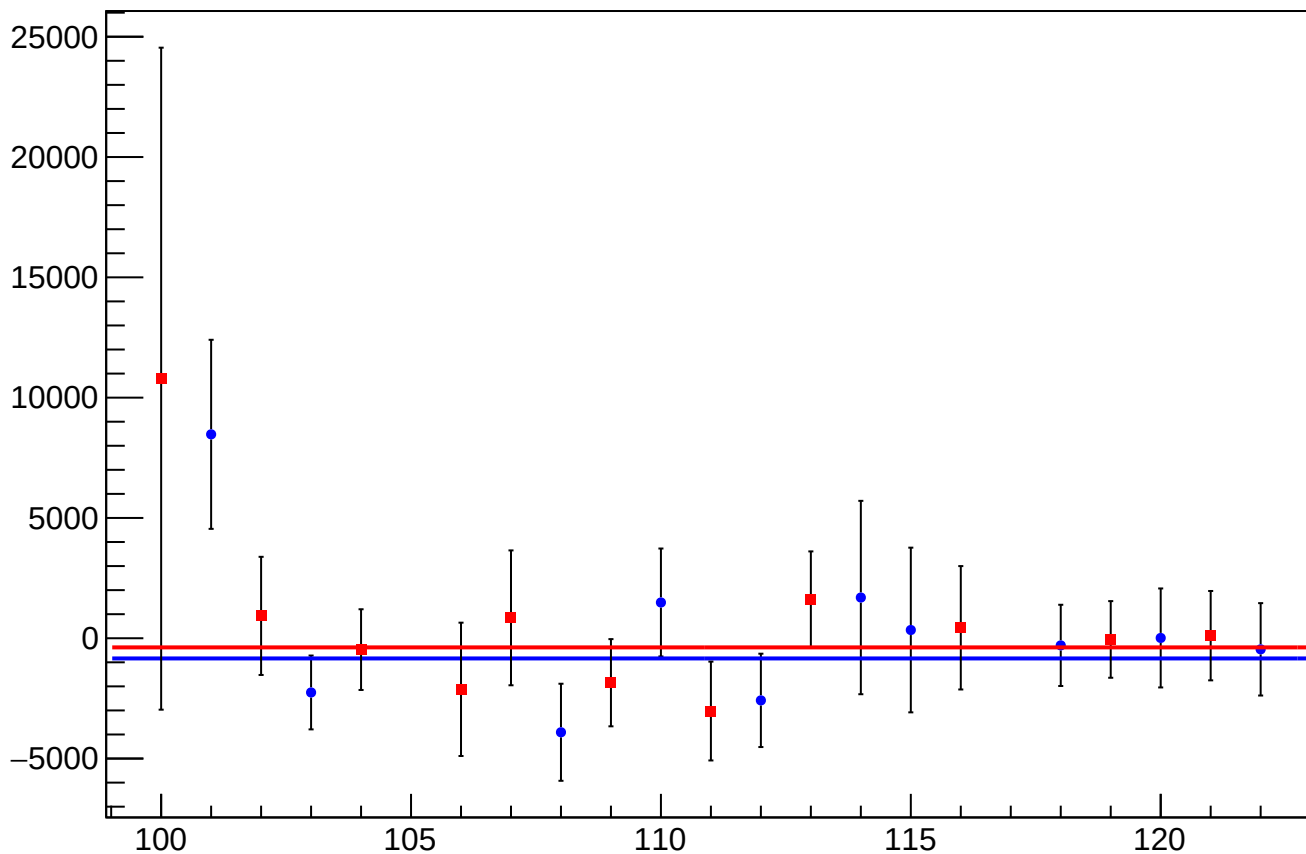
Right: 3119.774+/-0.765 χ^2/NDF : 615049.8/20

In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.774+/-0.765 χ^2/NDF : 615049.8/20

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: -379.818+/-643.489 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

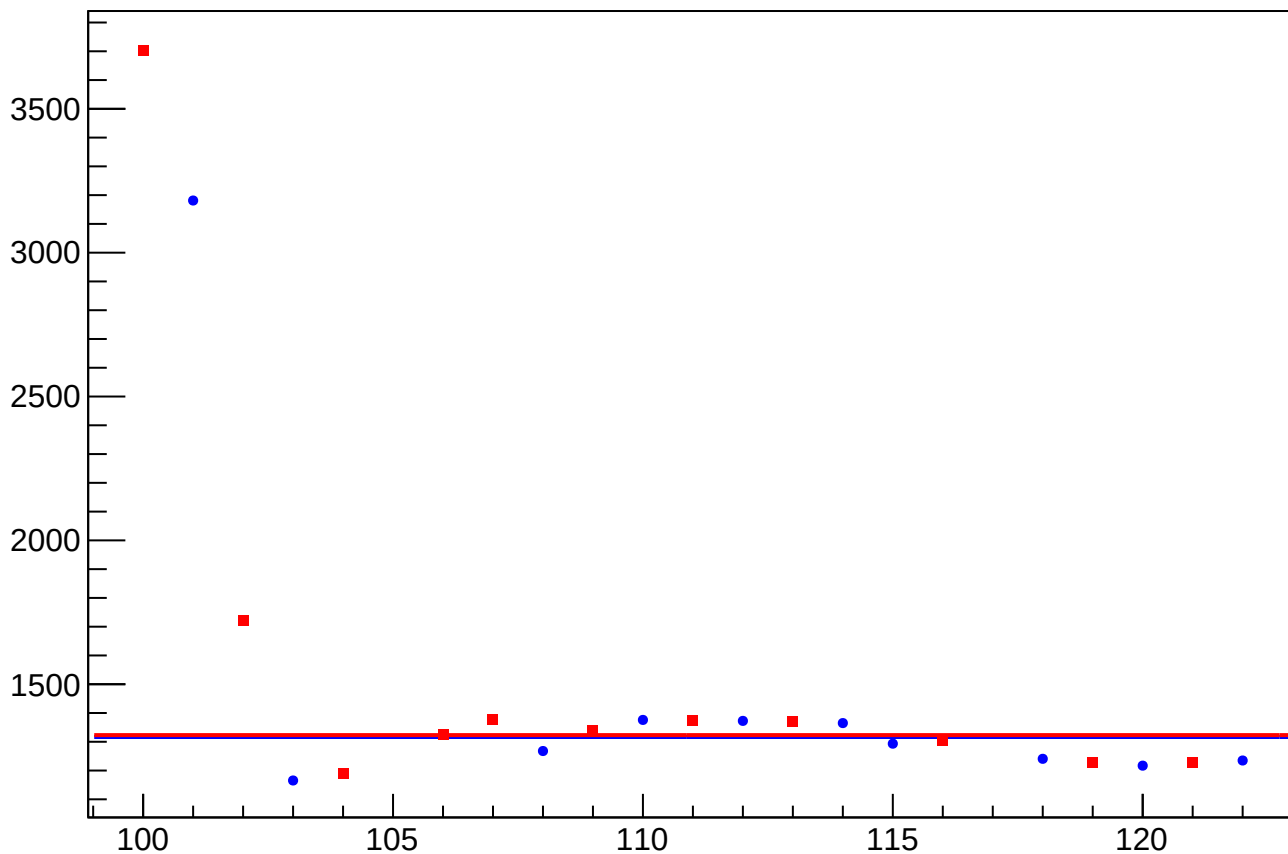
Right: -599.128+/-465.195 χ^2/NDF : 16.8/20

In: -839.225+/-673.294 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -599.128+/-465.195 χ^2/NDF : 16.8/20

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: 1323.148+/-0.454 χ^2/NDF : 140757.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

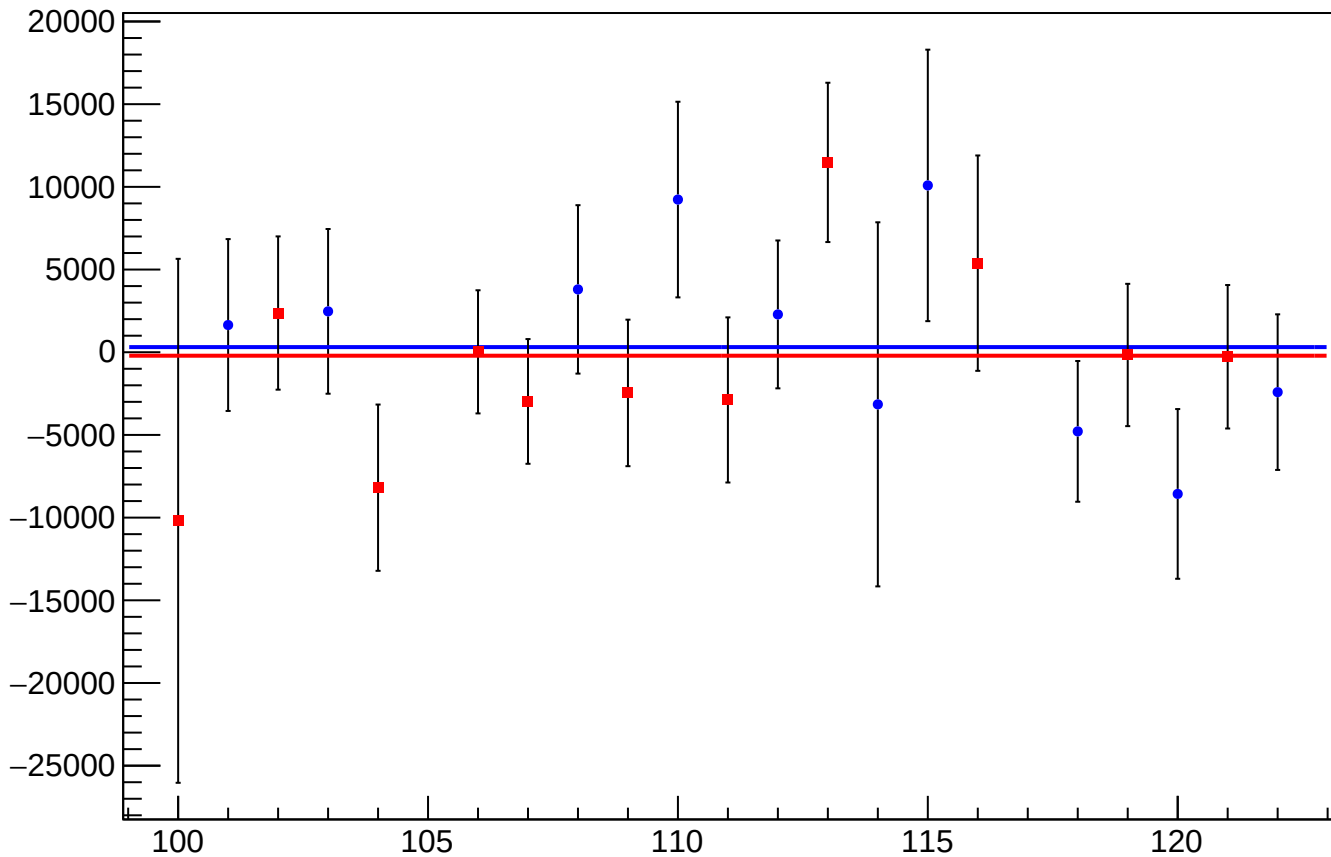
Right: 1320.020+/-0.329 χ^2/NDF : 627678.3/20

In: 1316.587+/-0.476 χ^2/NDF : 486821.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.020+/-0.329 χ^2/NDF : 627678.3/20

asym_atl1r2_dd_atl2r1_dd_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: -210.114+/-1417.728 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

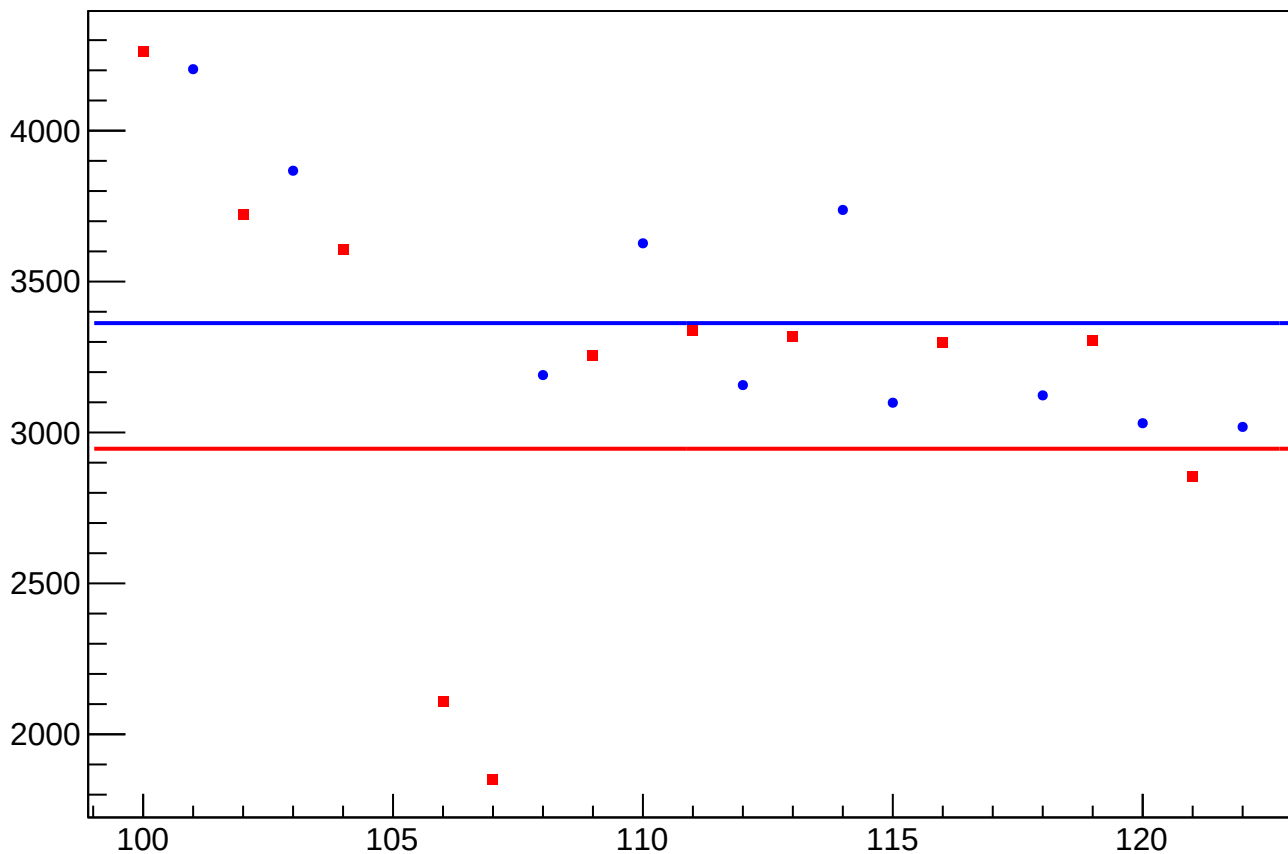
Right: 7.159+/-1082.403 χ^2/NDF : 20.5/20

In: 310.796+/-1675.975 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.159+/-1082.403 χ^2/NDF : 20.5/20

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: 2946.169+/-1.002 χ^2/NDF : 429904.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

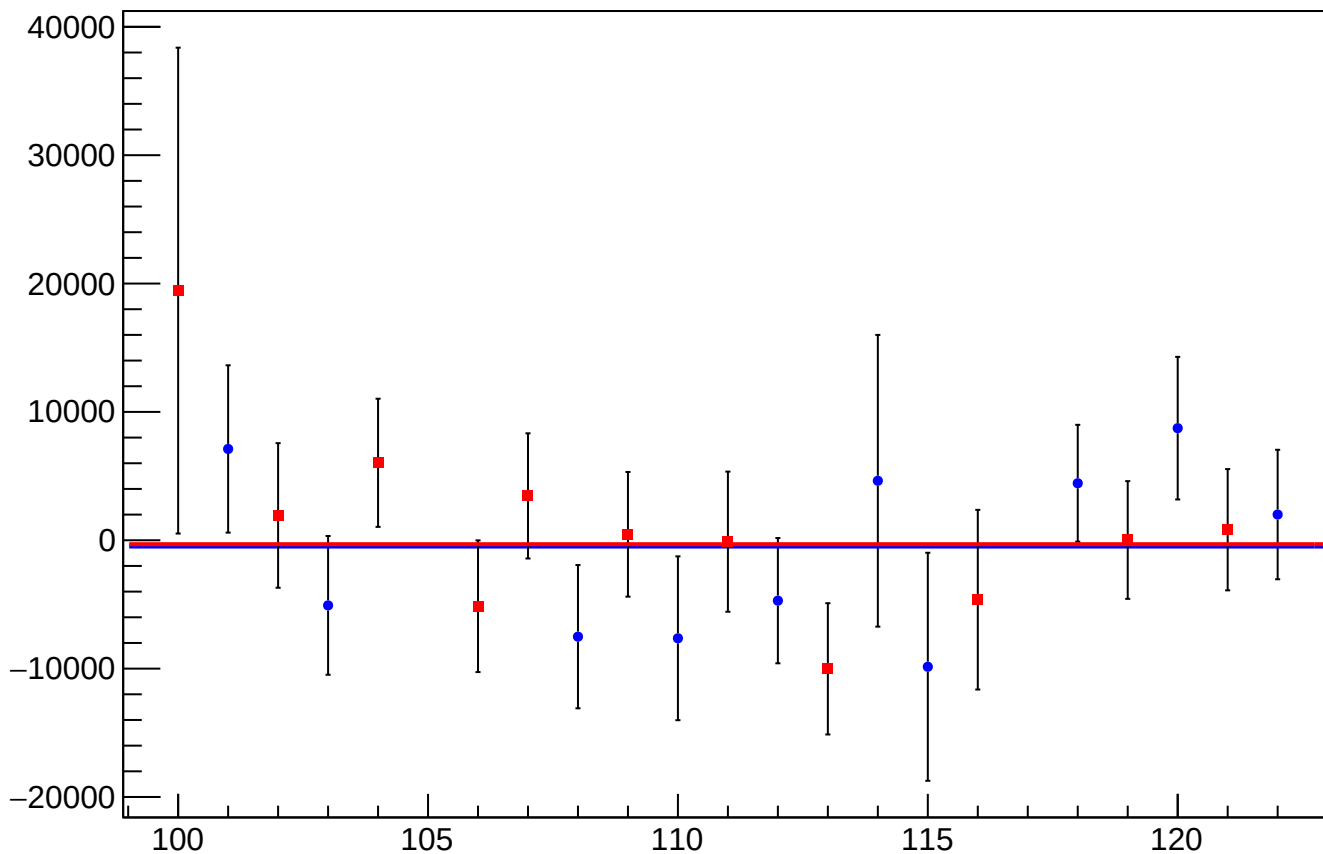
Right: 3119.765+/-0.765 χ^2/NDF : 615053.9/20

In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.765+/-0.765 χ^2/NDF : 615053.9/20

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: -304.655+/-1619.062 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

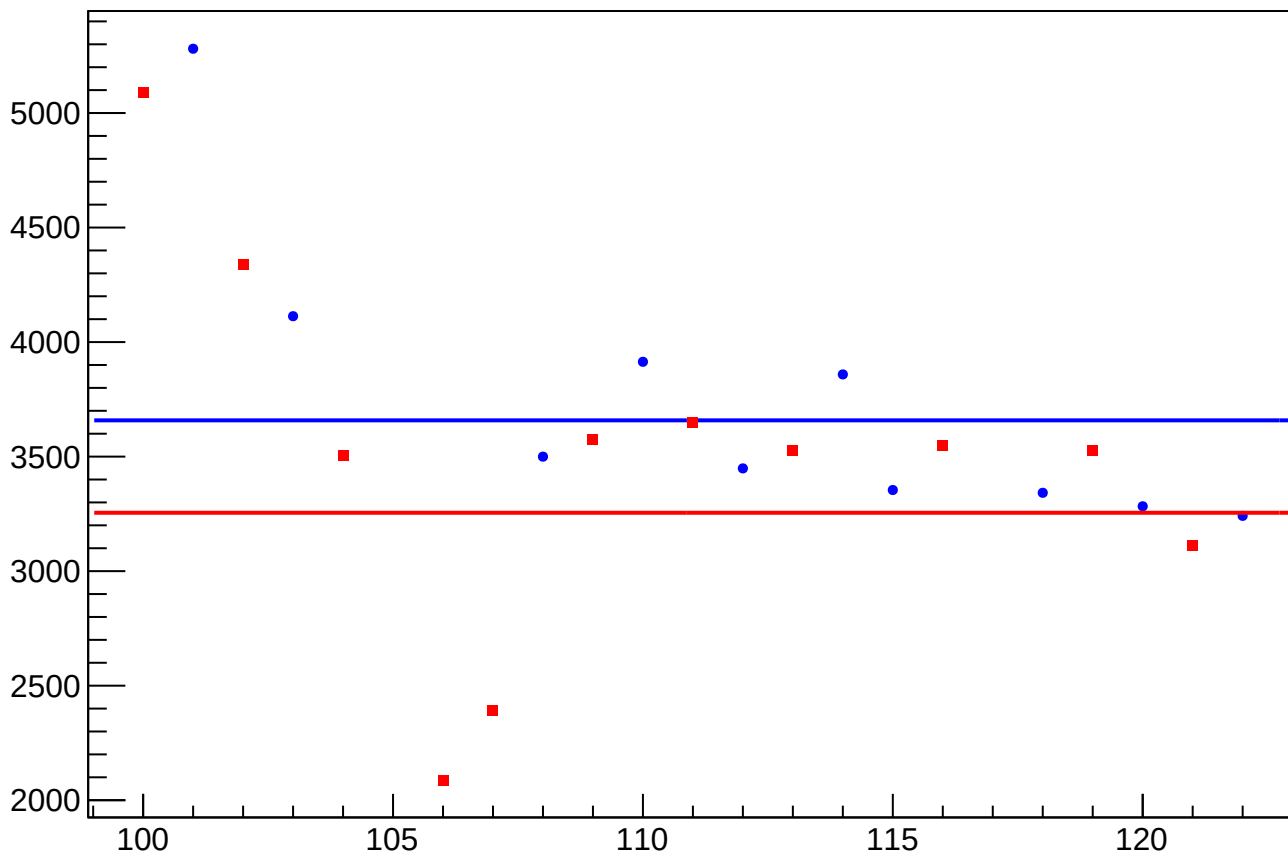
Right: -385.180+/-1214.155 χ^2/NDF : 19.6/20

In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -385.180+/-1214.155 χ^2/NDF : 19.6/20

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: 3254.864+/-1.122 χ^2/NDF : 343171.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

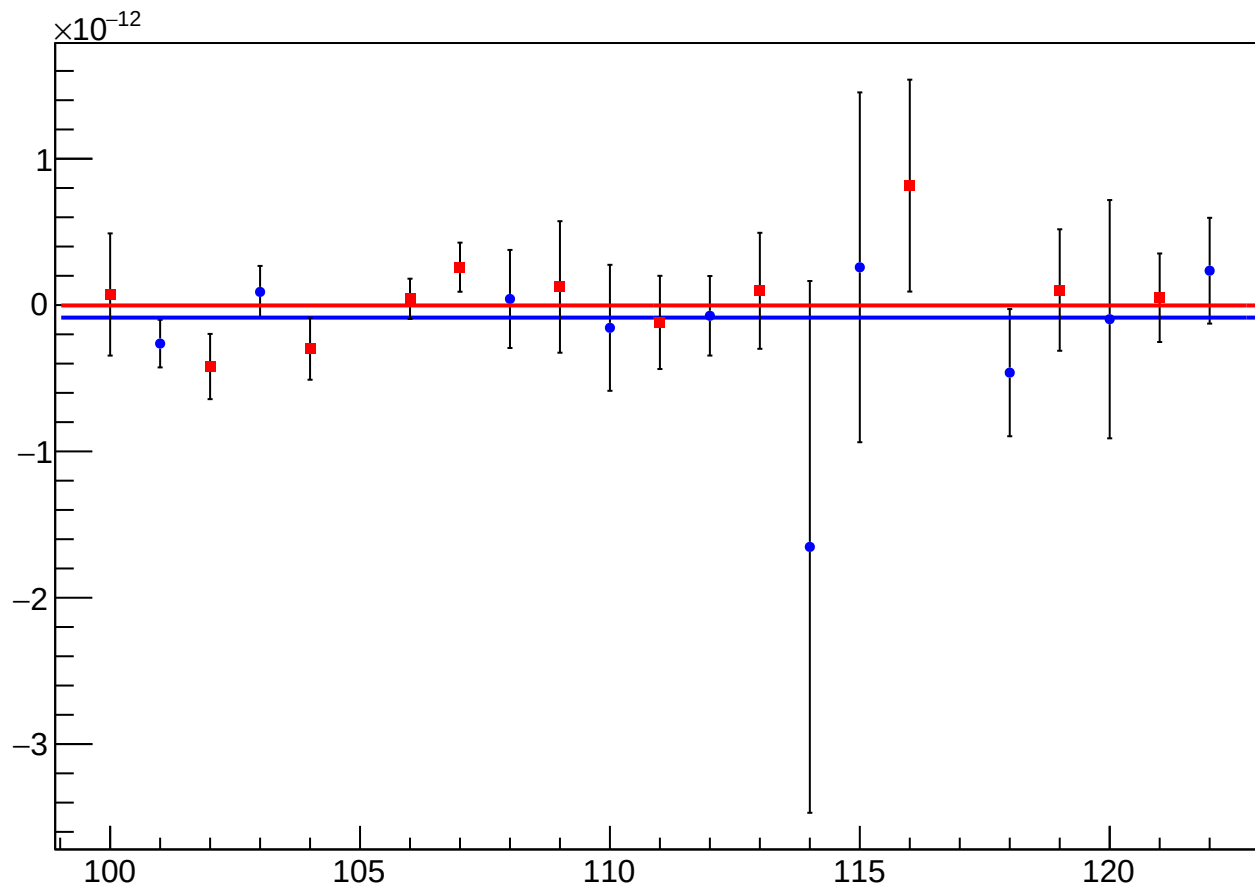
Right: 3427.466+/-0.849 χ^2/NDF : 580476.0/20

In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3427.466+/-0.849 χ^2/NDF : 580476.0/20

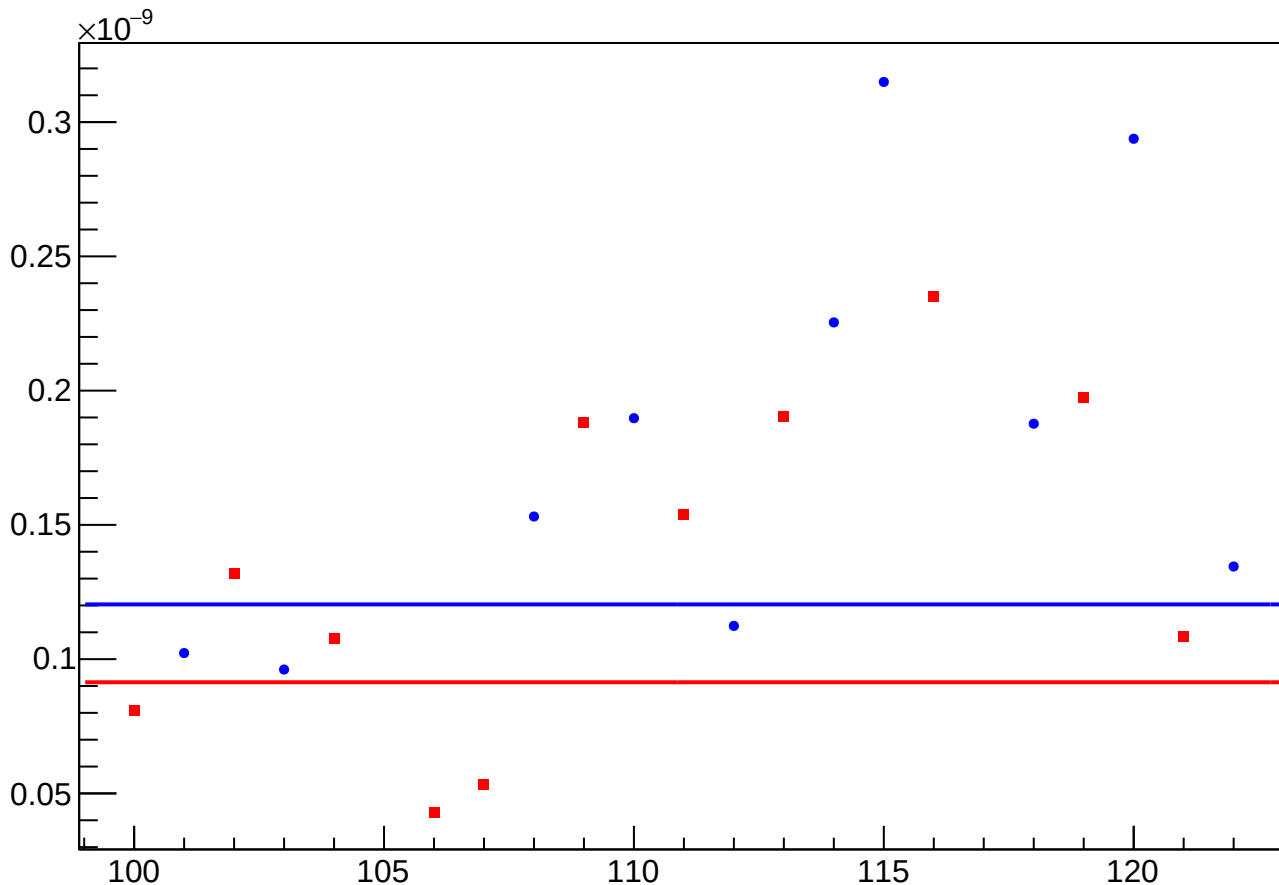
asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 9.7/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 14.8/20
 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 : 14.8/20

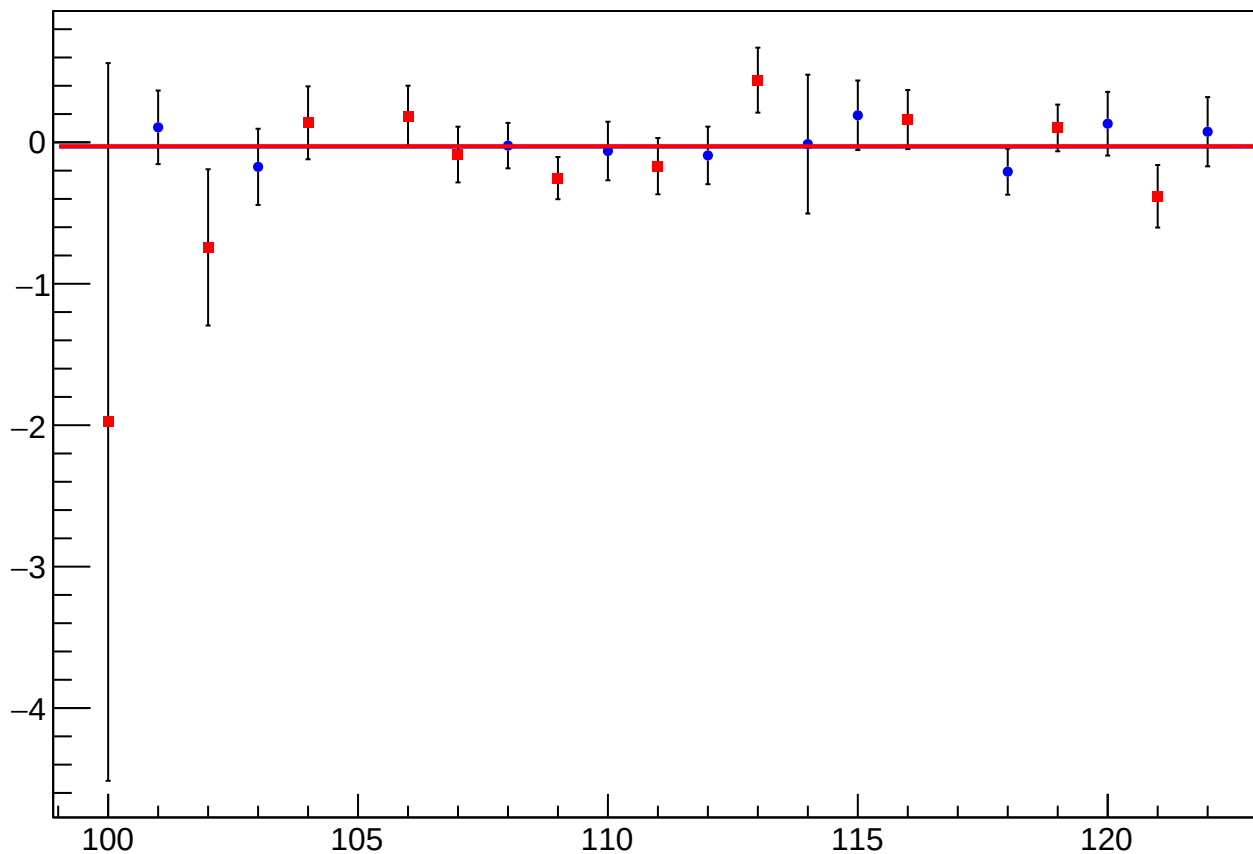
asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 941096.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1392899.9/20
 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 : 1392899.9/20

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: -0.028 ± 0.065 χ^2/NDF : 14.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

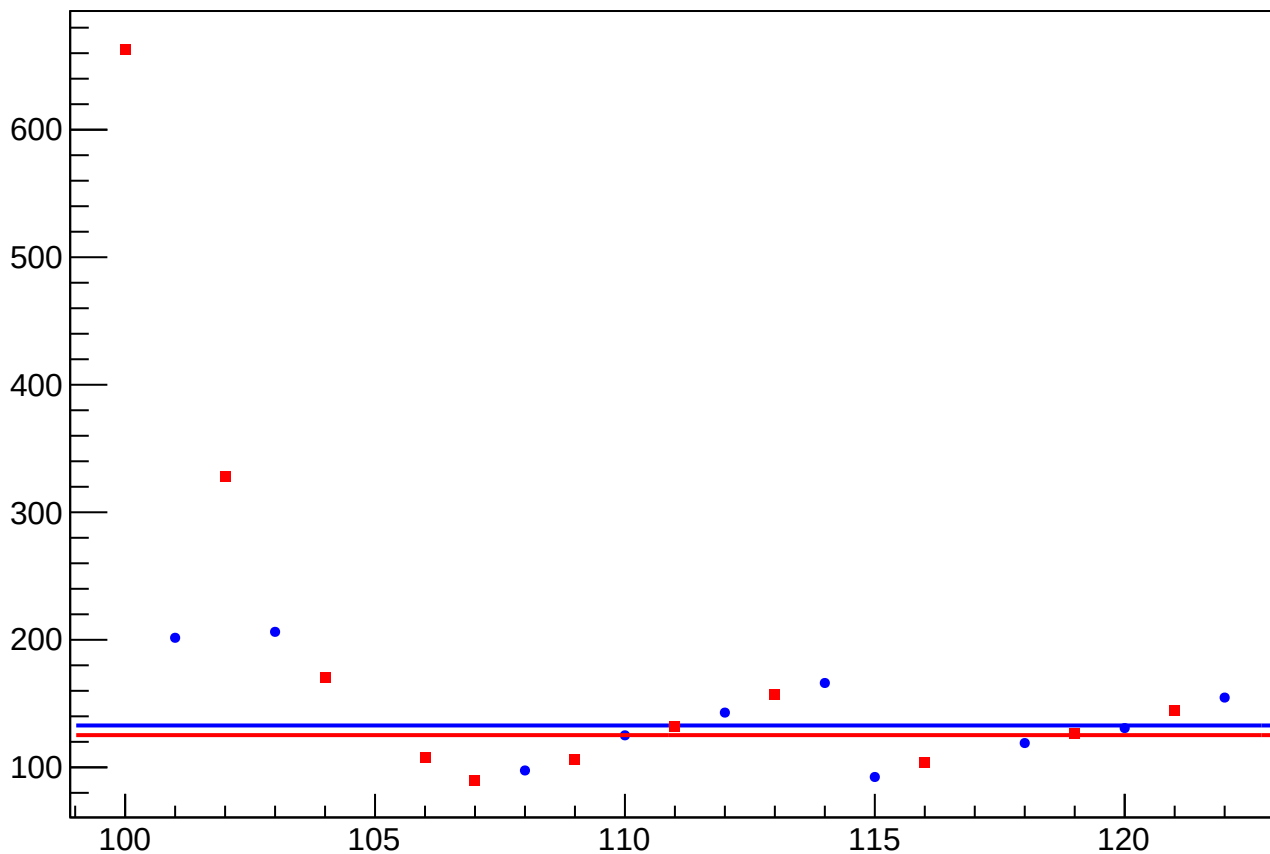
Right: -0.029 ± 0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.261+/-0.046 χ^2/NDF : 609797.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

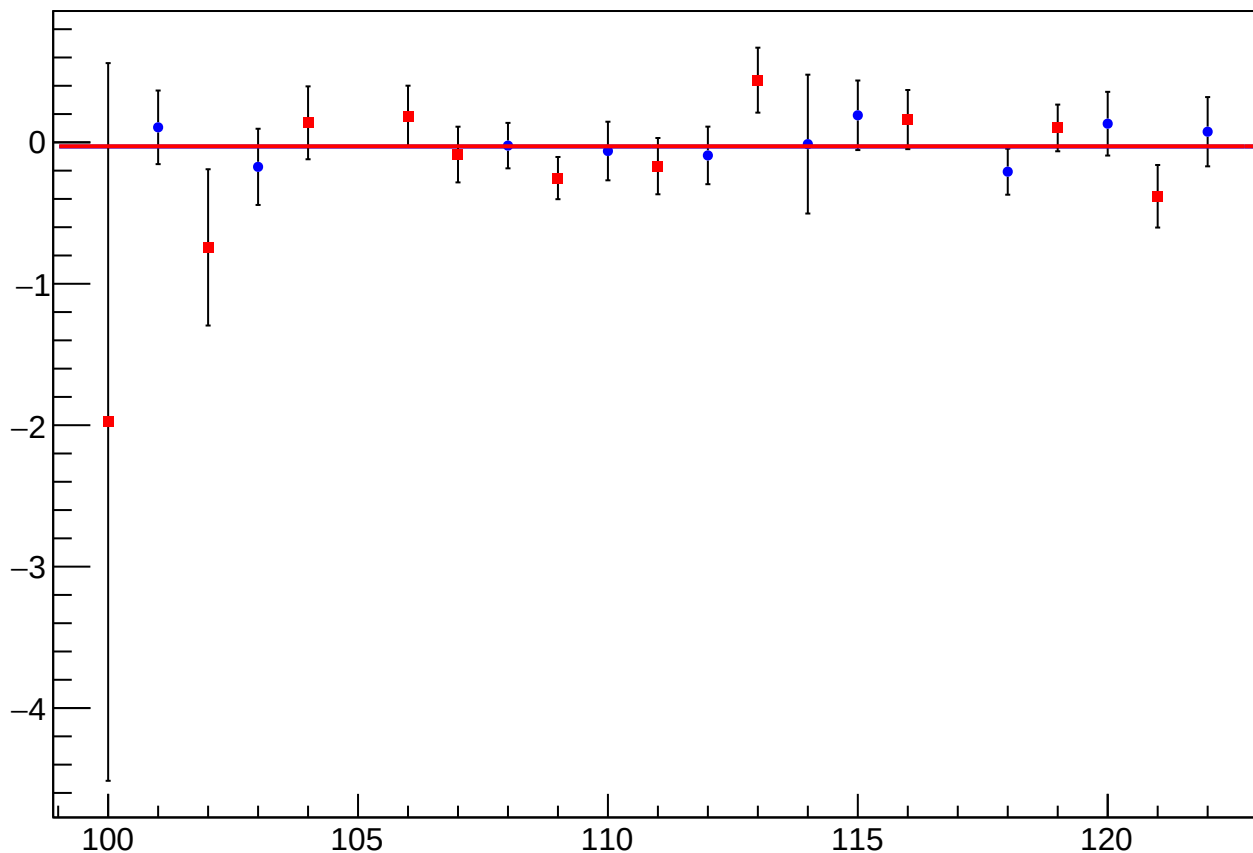
Right: 128.828+/-0.034 χ^2/NDF : 1108456.1/20

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.828+/-0.034 χ^2/NDF : 1108456.1/20

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: -0.028+/-0.065 χ^2/NDF : 14.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

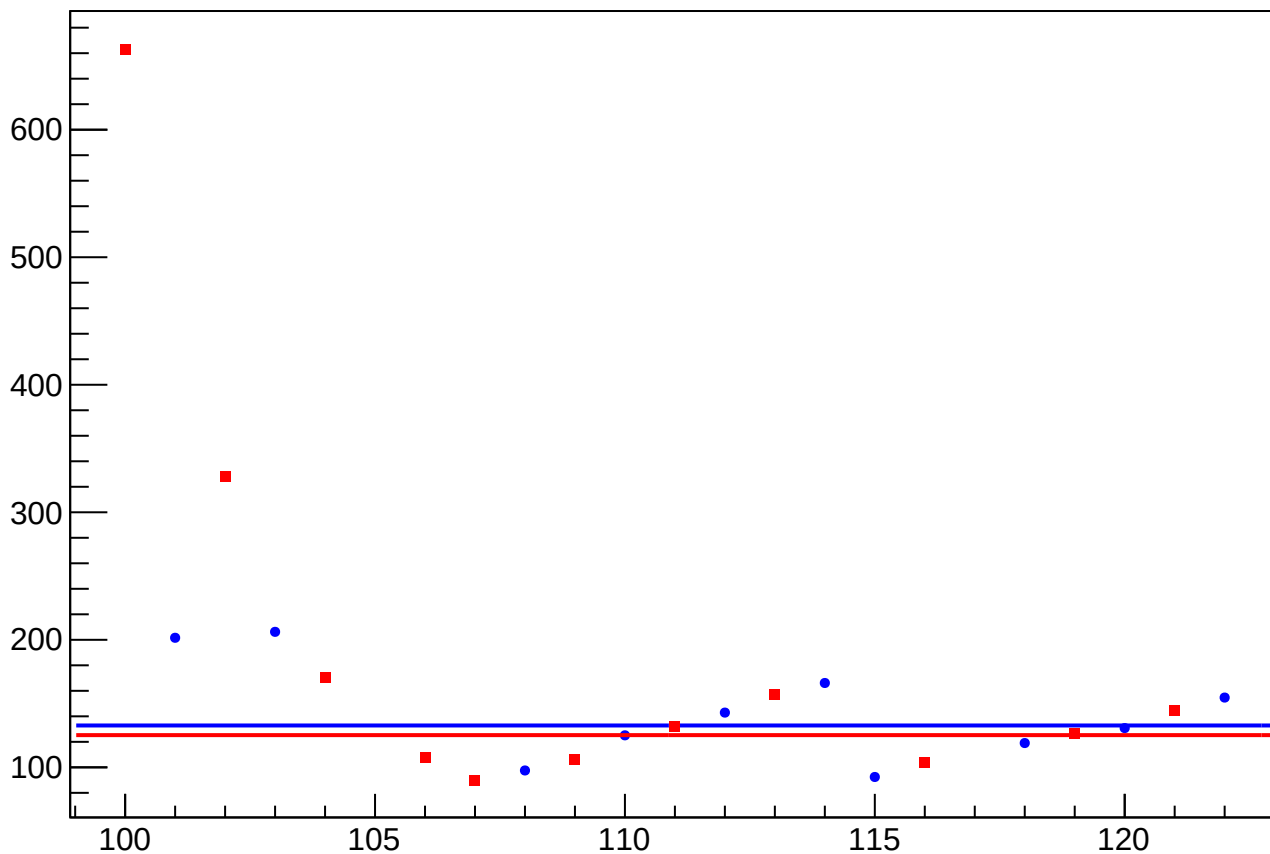
Right: -0.029+/-0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.261+/-0.046 χ^2/NDF : 609797.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

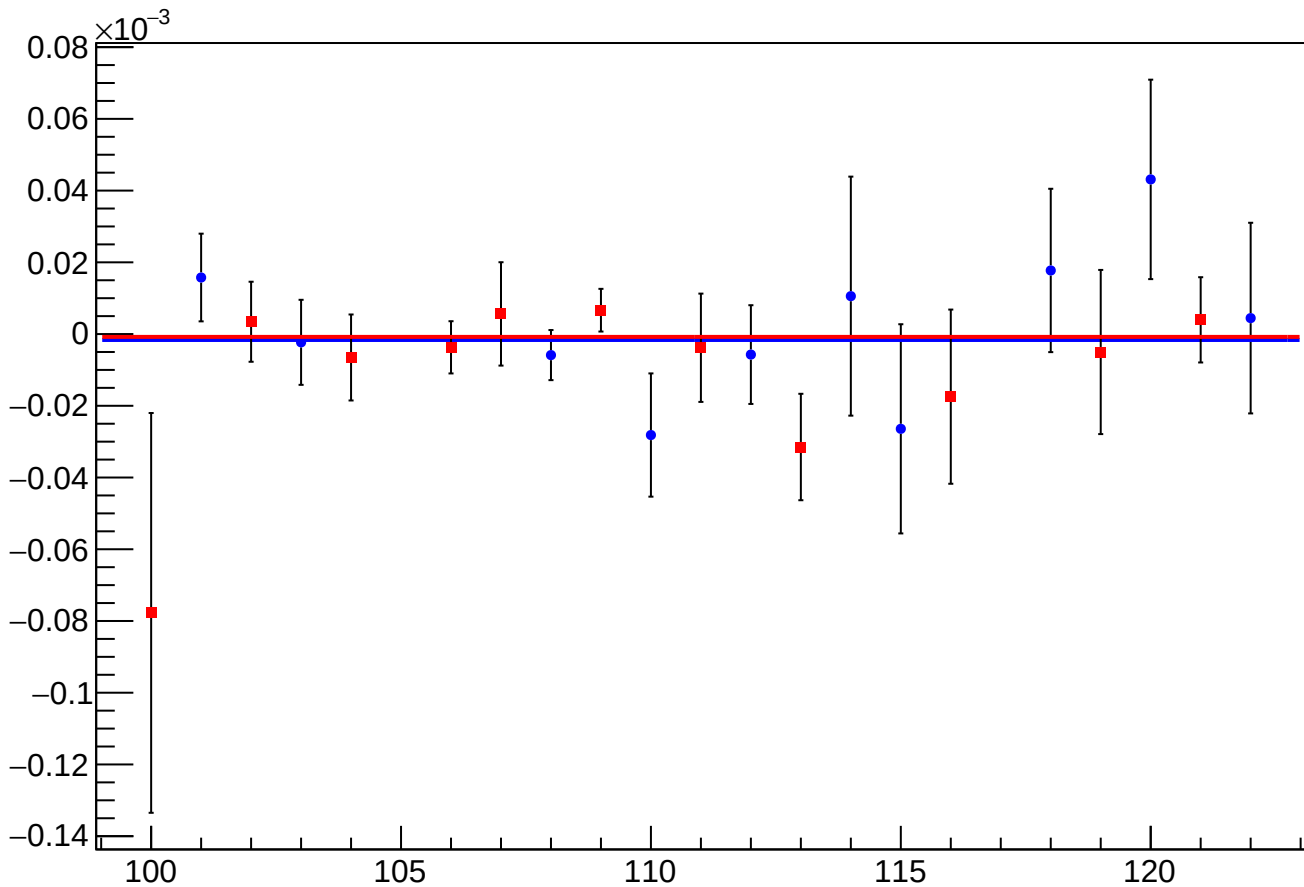
Right: 128.828+/-0.034 χ^2/NDF : 1108456.1/20

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.828+/-0.034 χ^2/NDF : 1108456.1/20

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: 9.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

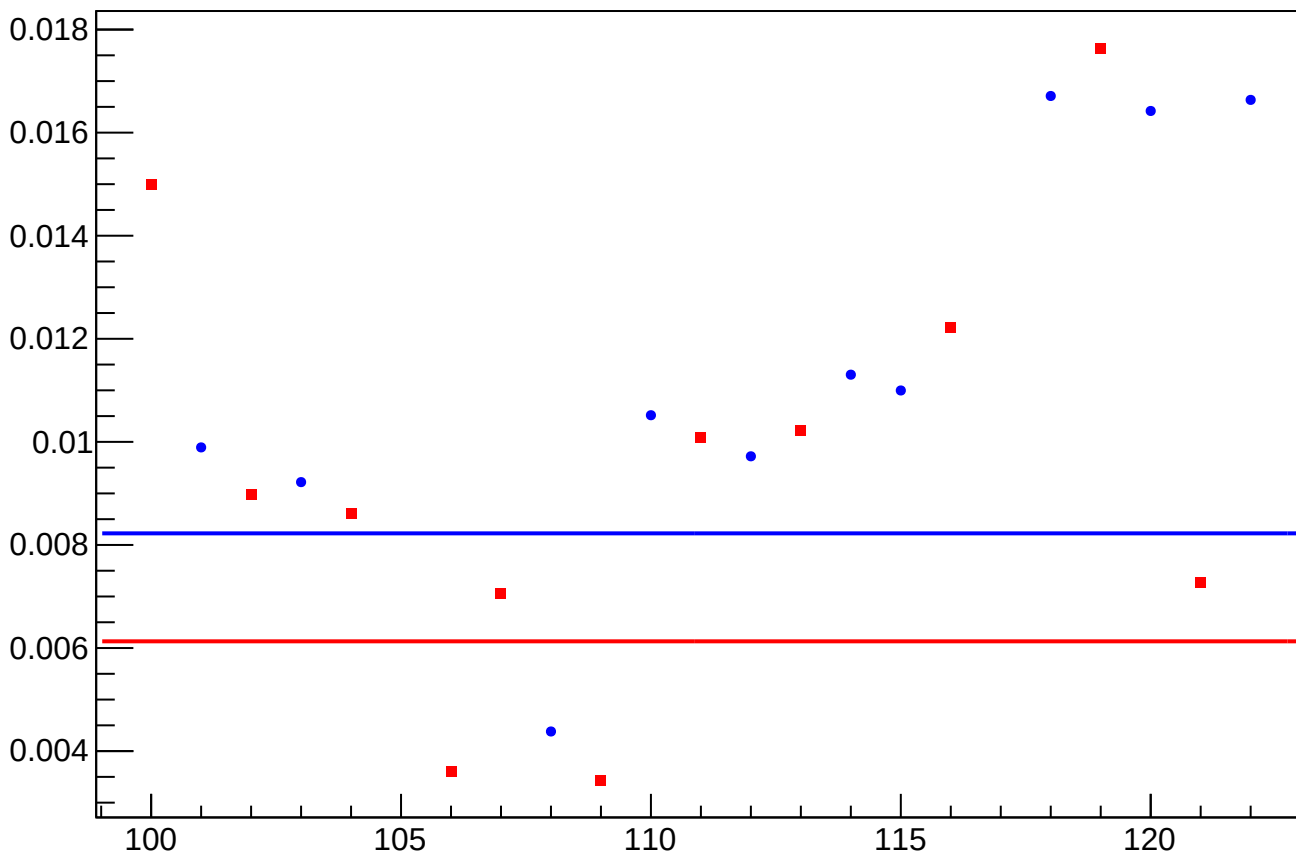
Right: -0.000+/-0.000 χ^2 /NDF: 18.3/20

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: 18.3/20

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 : 1865475.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

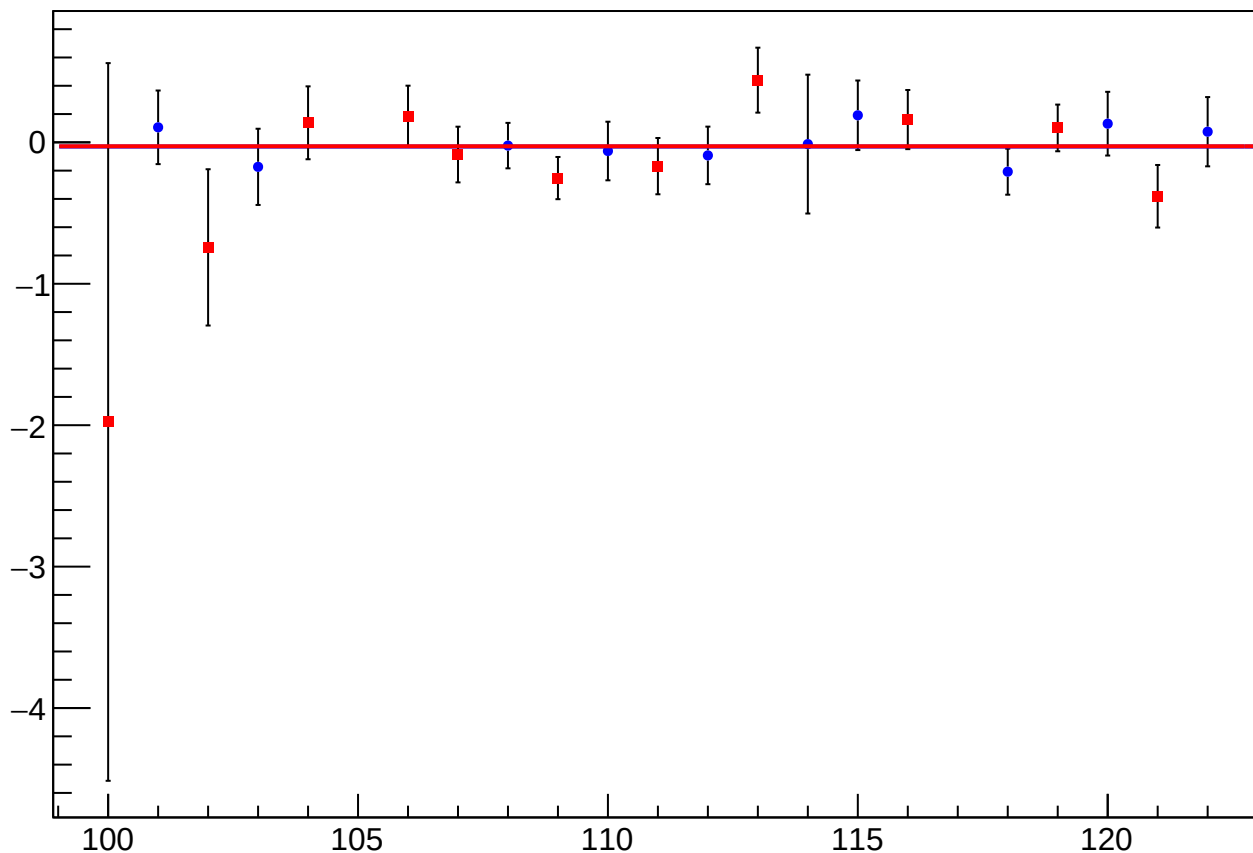
Right: 0.007+/-0.000 χ^2/NDF : 3546034.6/20

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 : 3546034.6/20

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: -0.028+/-0.065 χ^2/NDF : 14.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

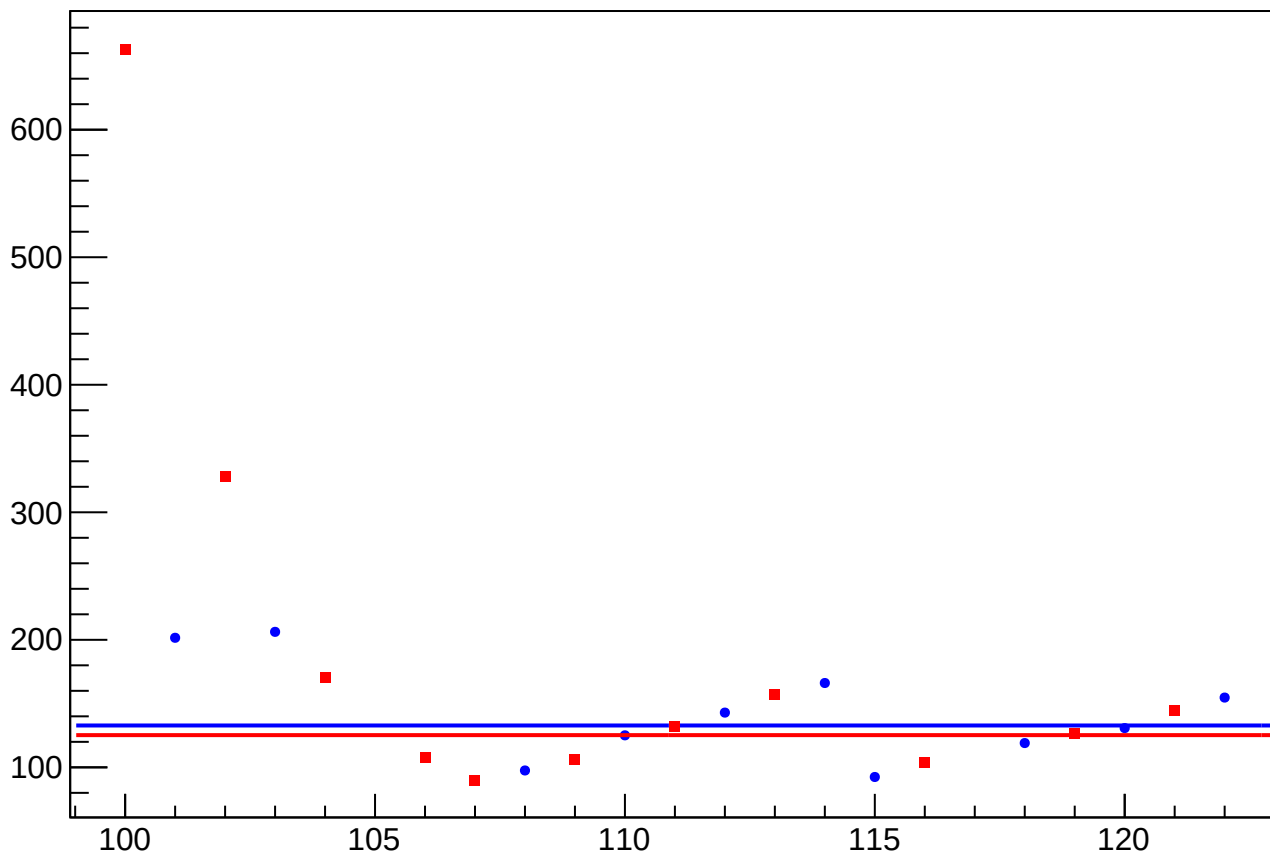
Right: -0.029+/-0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.263+/-0.046 χ^2/NDF : 609746.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

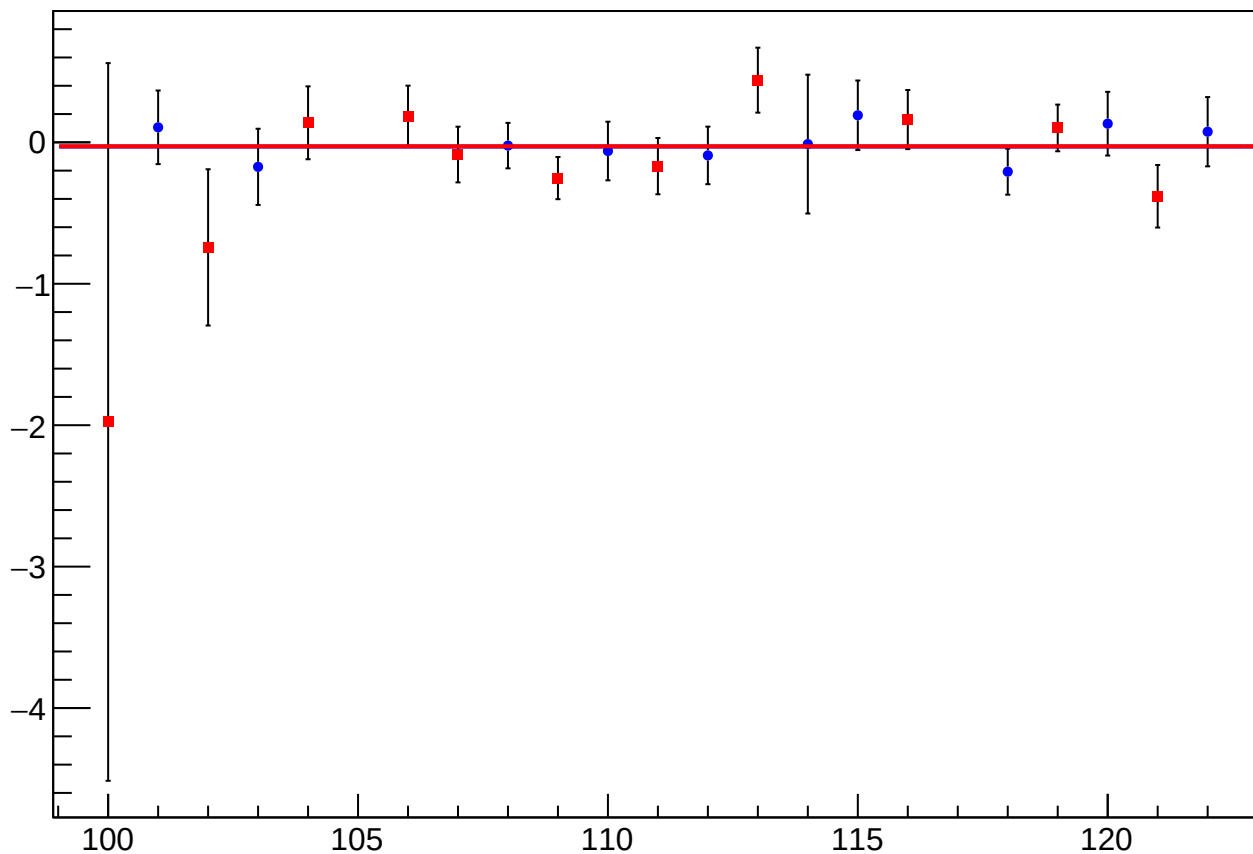
Right: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

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: -0.028 ± 0.065 χ^2/NDF : 14.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

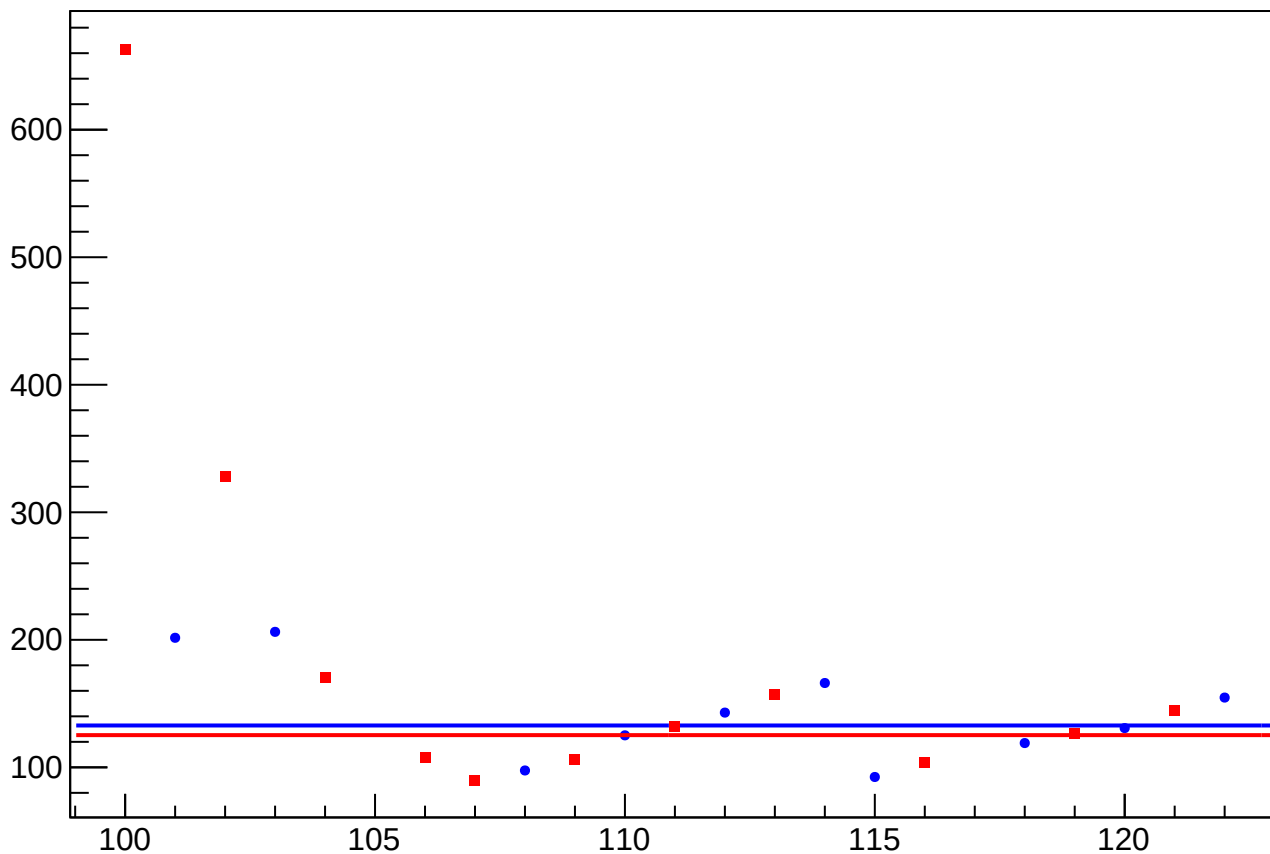
Right: -0.029 ± 0.047 χ^2/NDF : 18.0/20

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 : 18.0/20

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: 125.263+/-0.046 χ^2/NDF : 609746.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

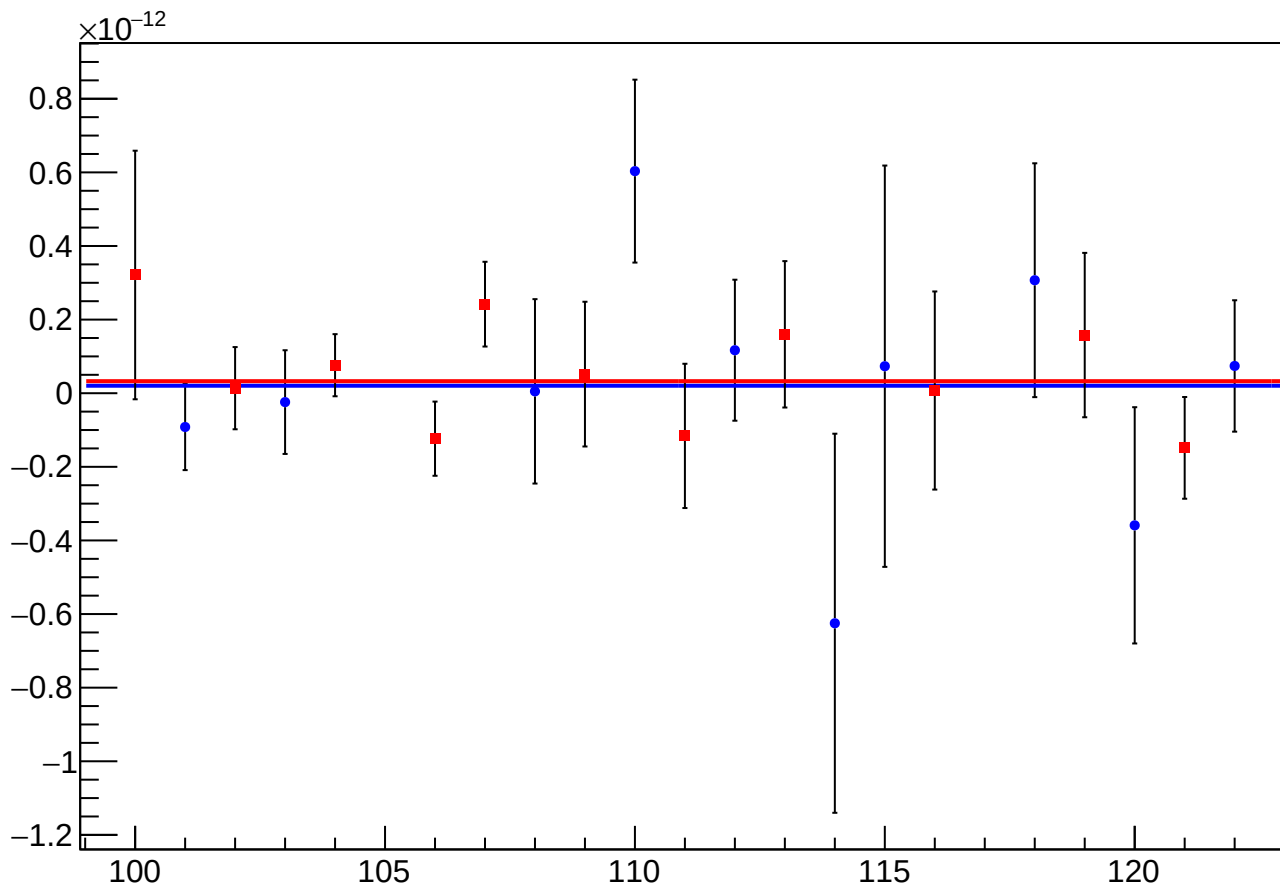
Right: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.830+/-0.034 χ^2/NDF : 1108370.0/20

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 : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

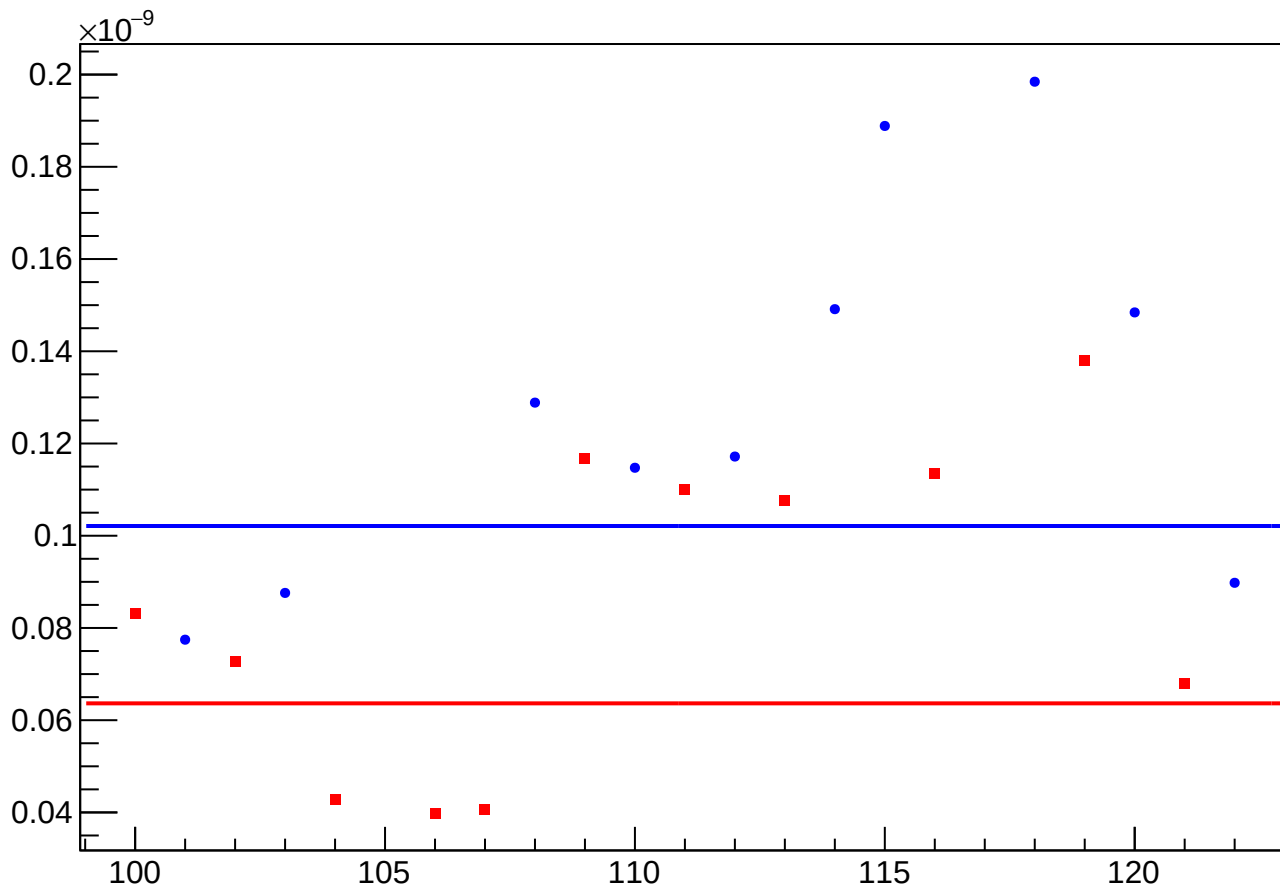
Right: 0.000+/-0.000 χ^2/NDF : 20.5/20

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 : 20.5/20

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 : 981434.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

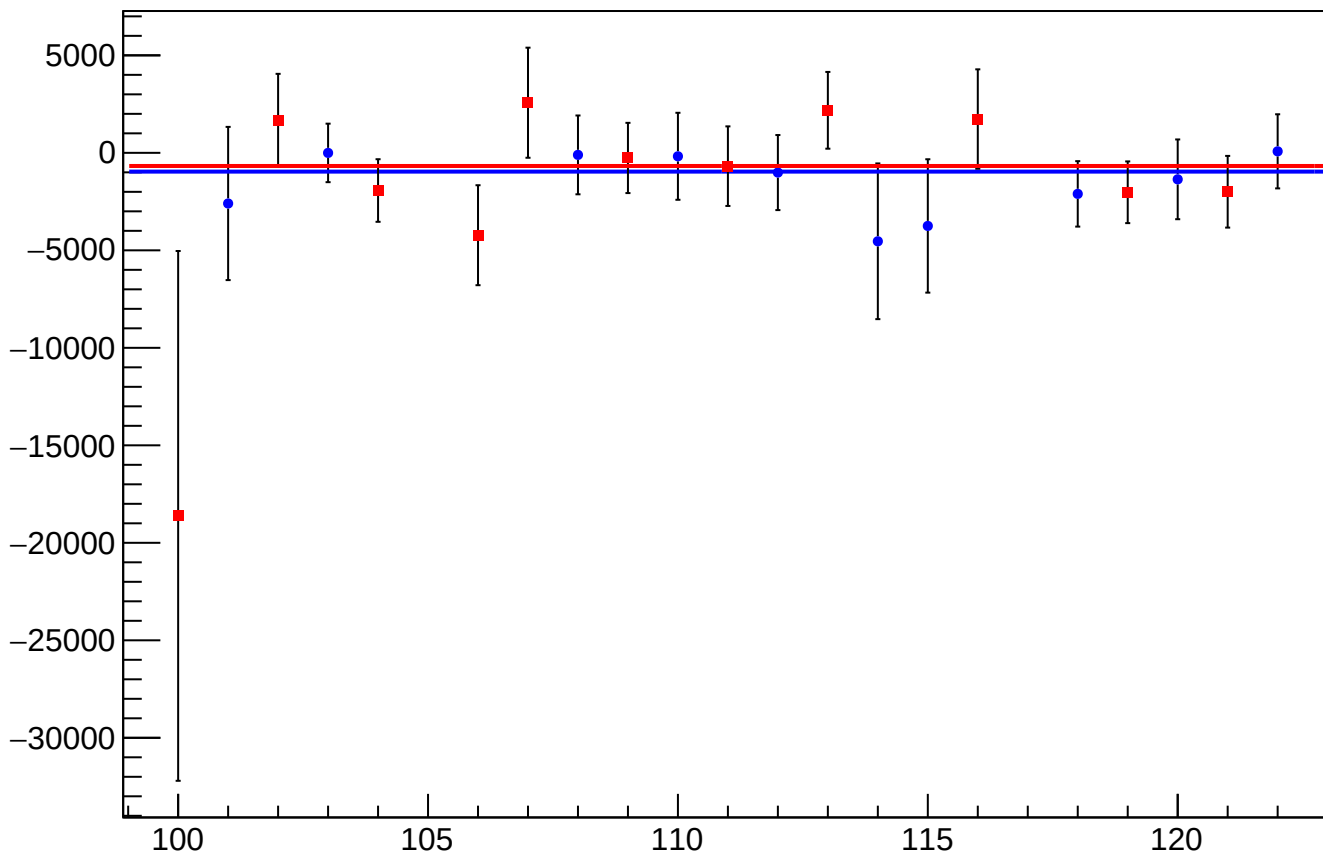
Right: 0.000+/-0.000 χ^2/NDF : 1933960.0/20

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 : 1933960.0/20

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: -673.699+/-631.911 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

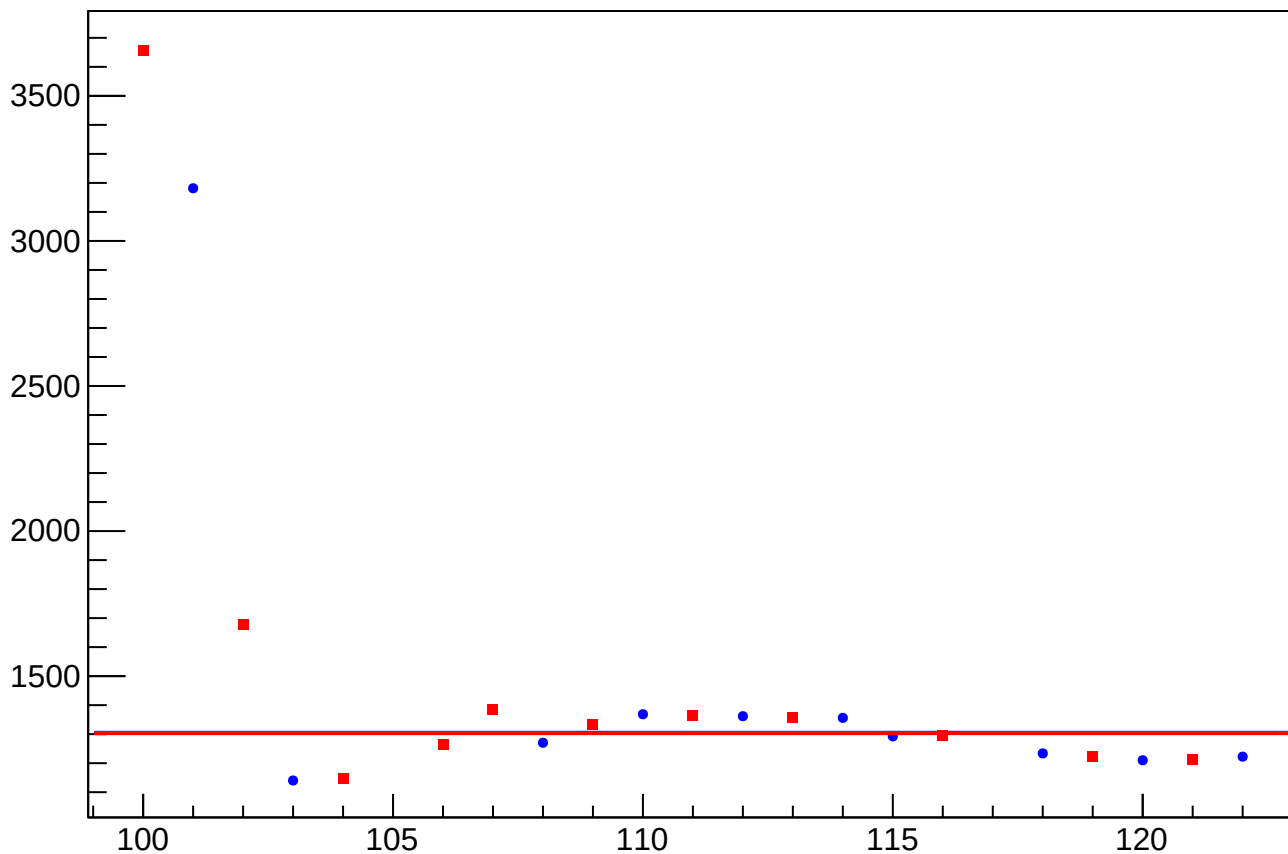
Right: -810.243+/-458.919 χ^2/NDF : 14.1/20

In: -962.633+/-667.575 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -810.243+/-458.919 χ^2/NDF : 14.1/20

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: 1303.593+/-0.447 χ^2/NDF : 144035.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

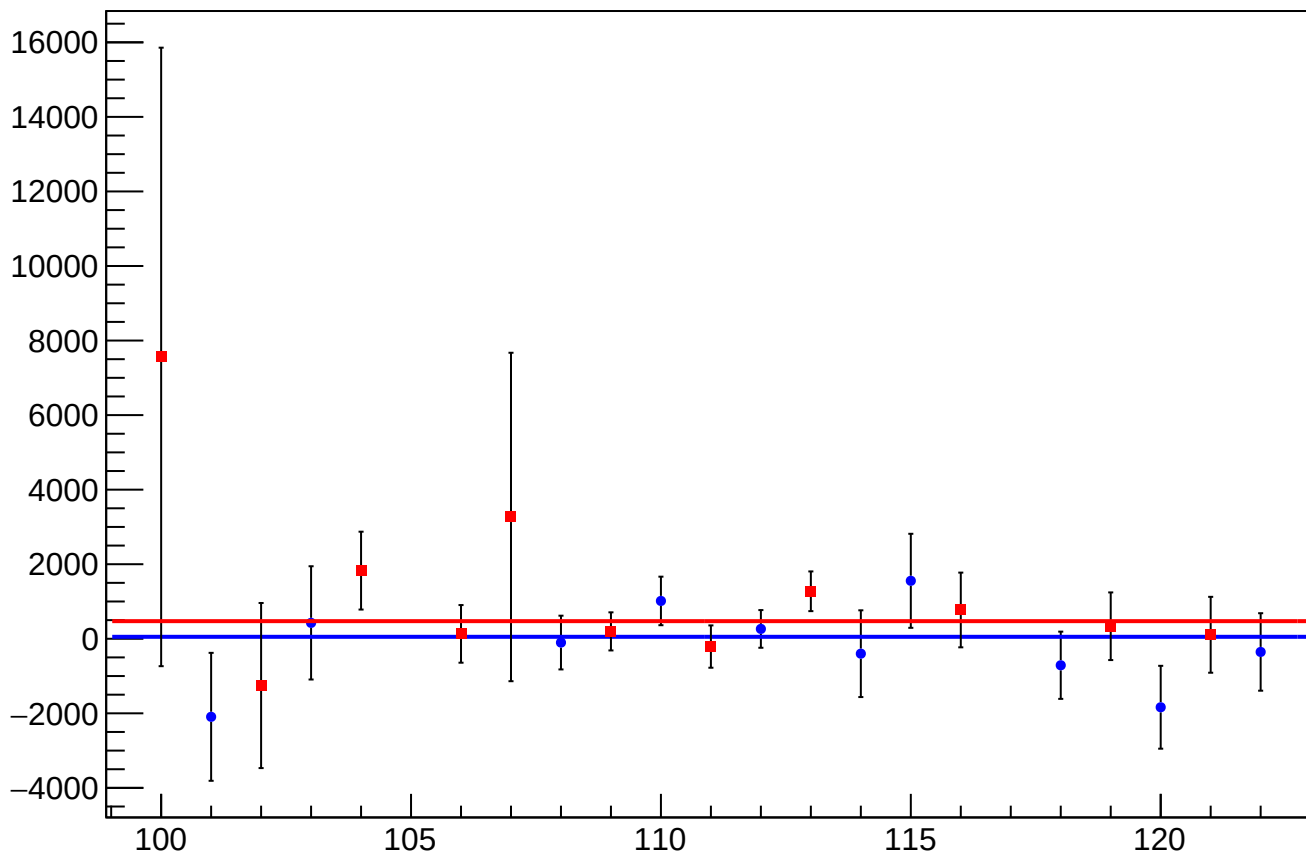
Right: 1304.137+/-0.325 χ^2/NDF : 640460.5/20

In: 1304.745+/-0.472 χ^2/NDF : 496421.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.137+/-0.325 χ^2/NDF : 640460.5/20

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: 472.674+/-246.233 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

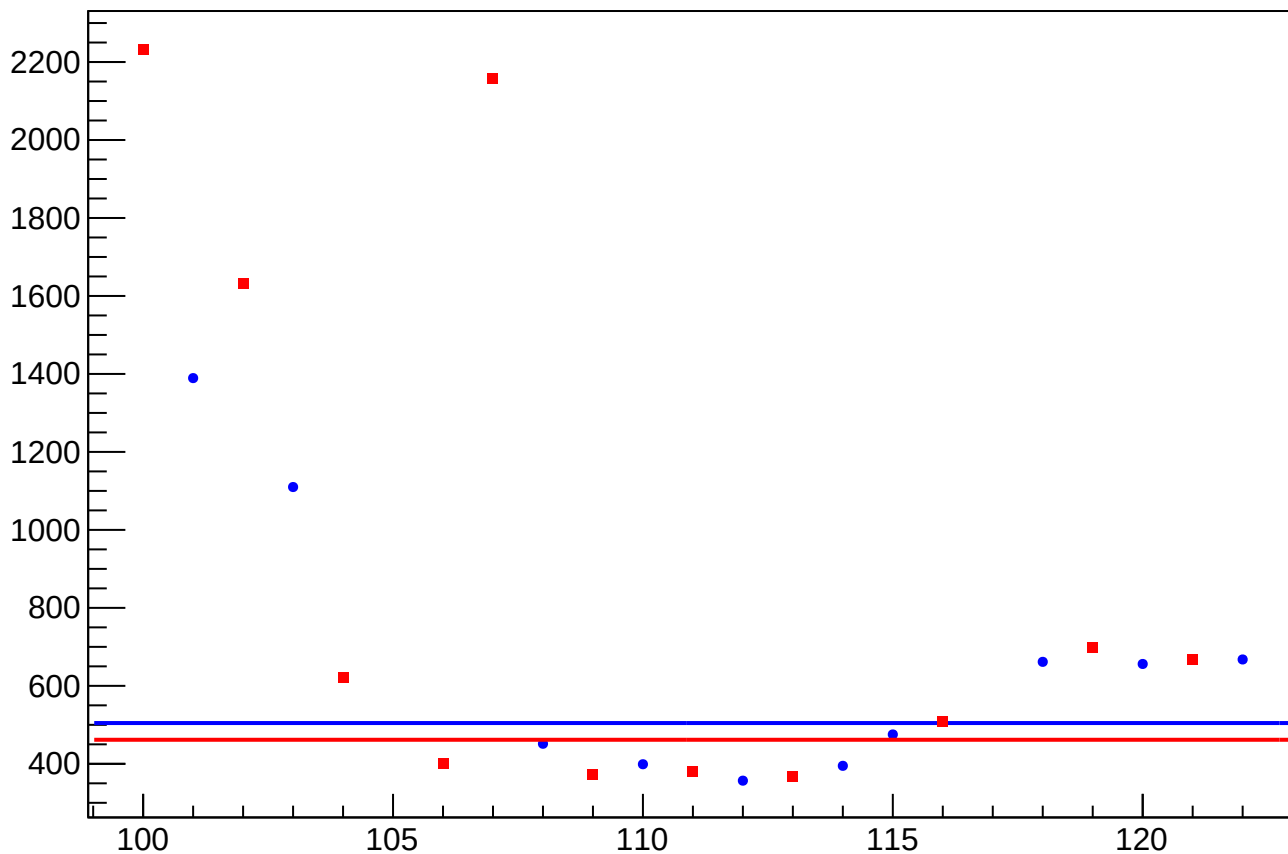
Right: 285.127+/-183.196 χ^2/NDF : 18.5/20

In: 52.611+/-274.168 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.127+/-183.196 χ^2/NDF : 18.5/20

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: 461.702+/-0.174 χ^2/NDF : 1394438.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

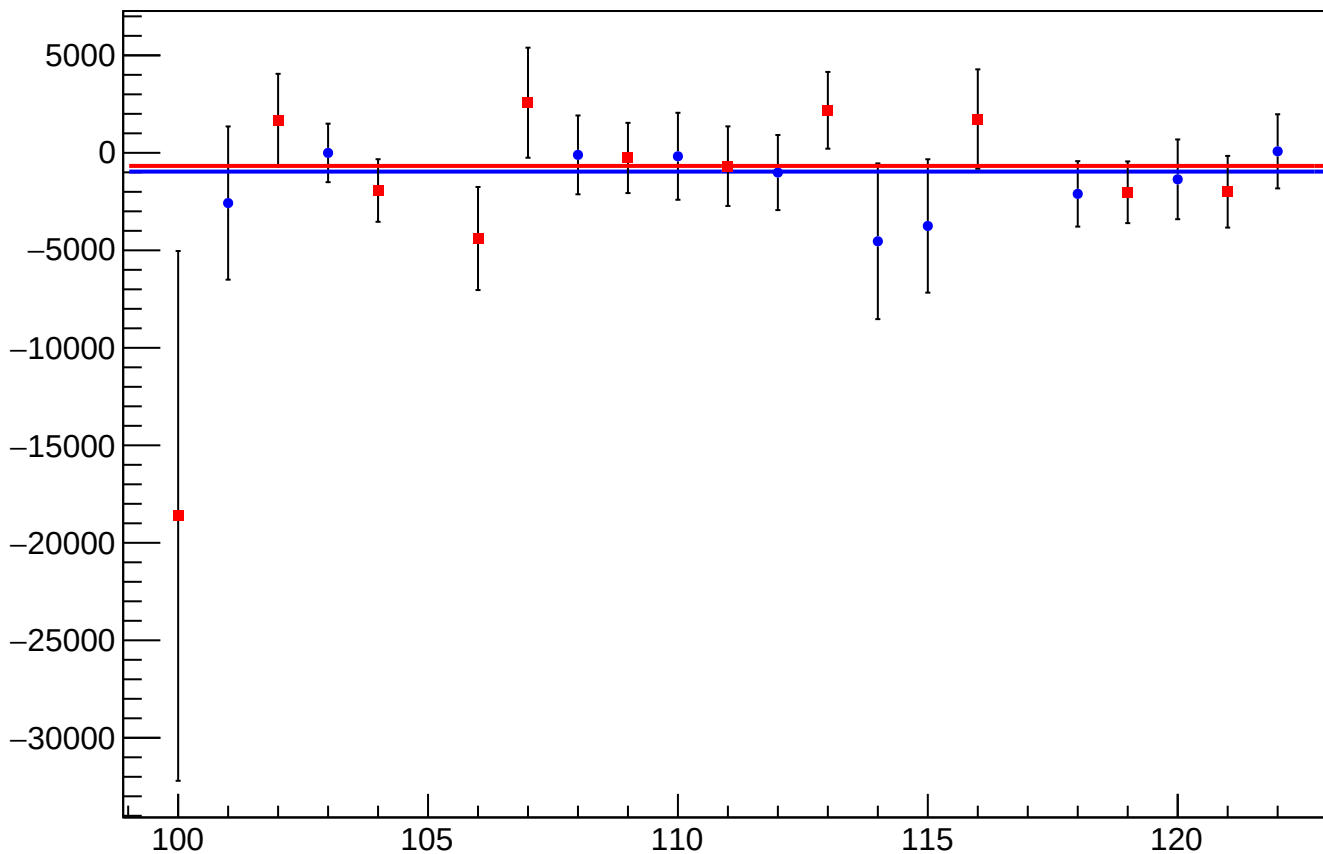
Right: 480.856+/-0.130 χ^2/NDF : 2670929.0/20

In: 504.601+/-0.194 χ^2/NDF : 1249387.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.856+/-0.130 χ^2/NDF : 2670929.0/20

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: -670.508+/-633.063 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

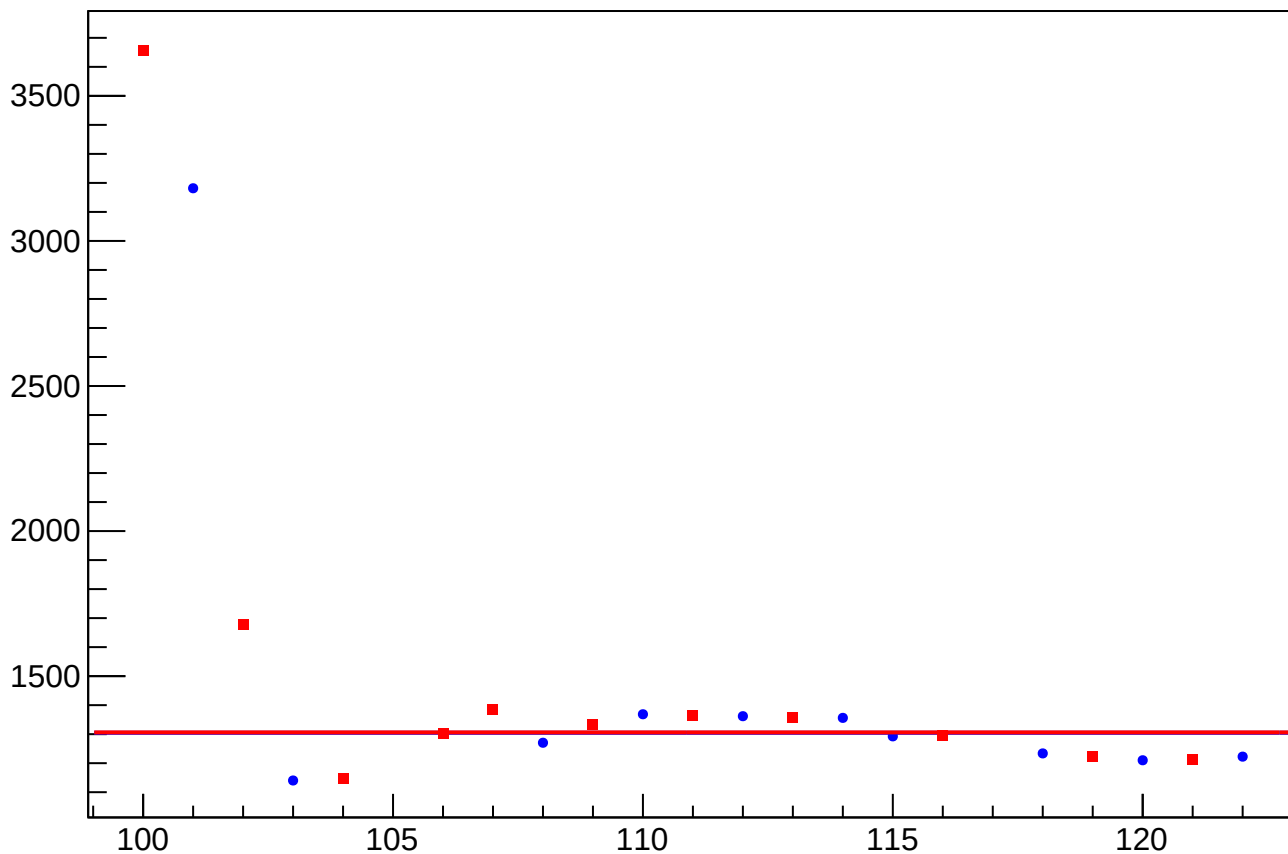
Right: -808.492+/-459.360 χ^2/NDF : 14.2/20

In: -961.931+/-667.575 χ^2/NDF :3.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -808.492+/-459.360 χ^2/NDF : 14.2/20

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: 1306.079+/-0.448 χ^2/NDF : 143505.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

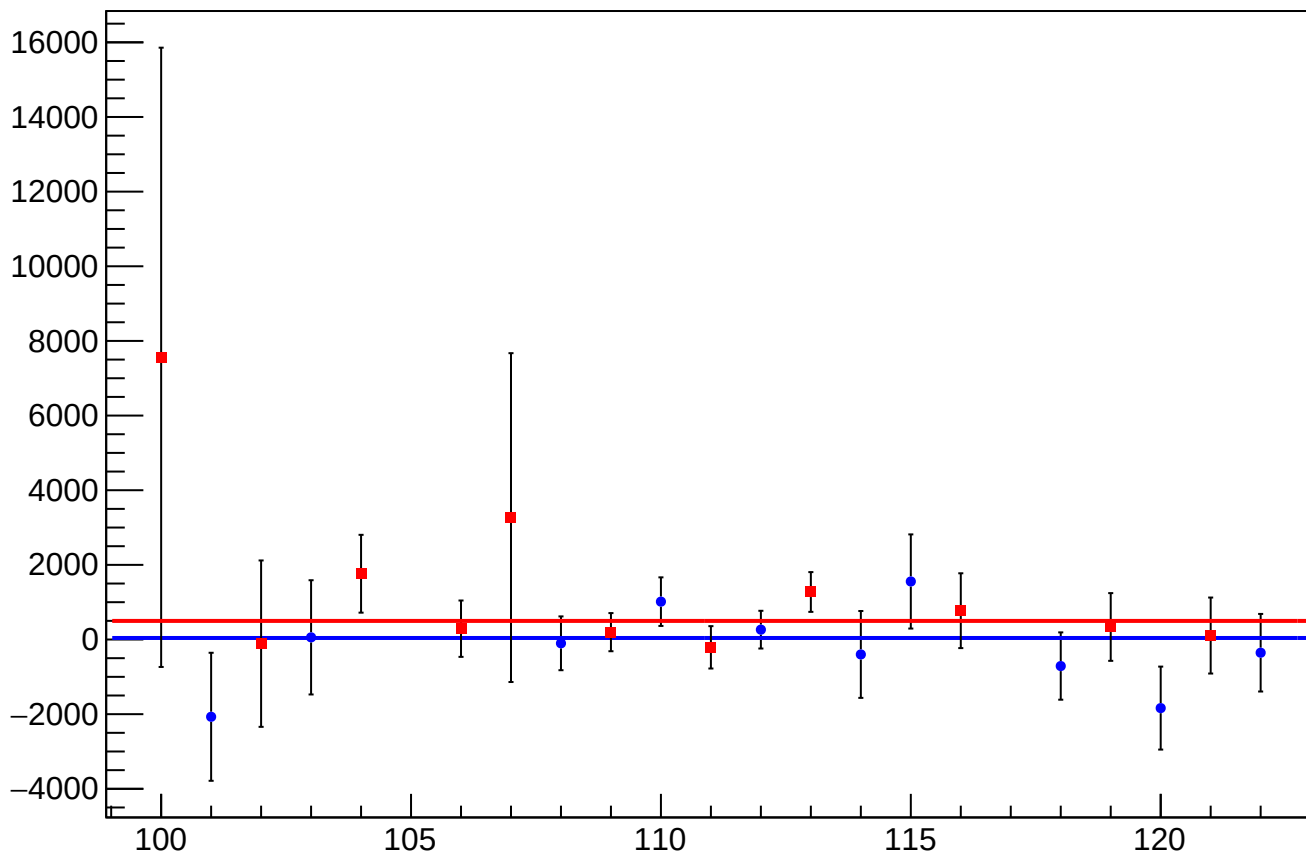
Right: 1305.447+/-0.325 χ^2/NDF : 639932.8/20

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.447+/-0.325 χ^2/NDF : 639932.8/20

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: 498.362+/-245.622 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

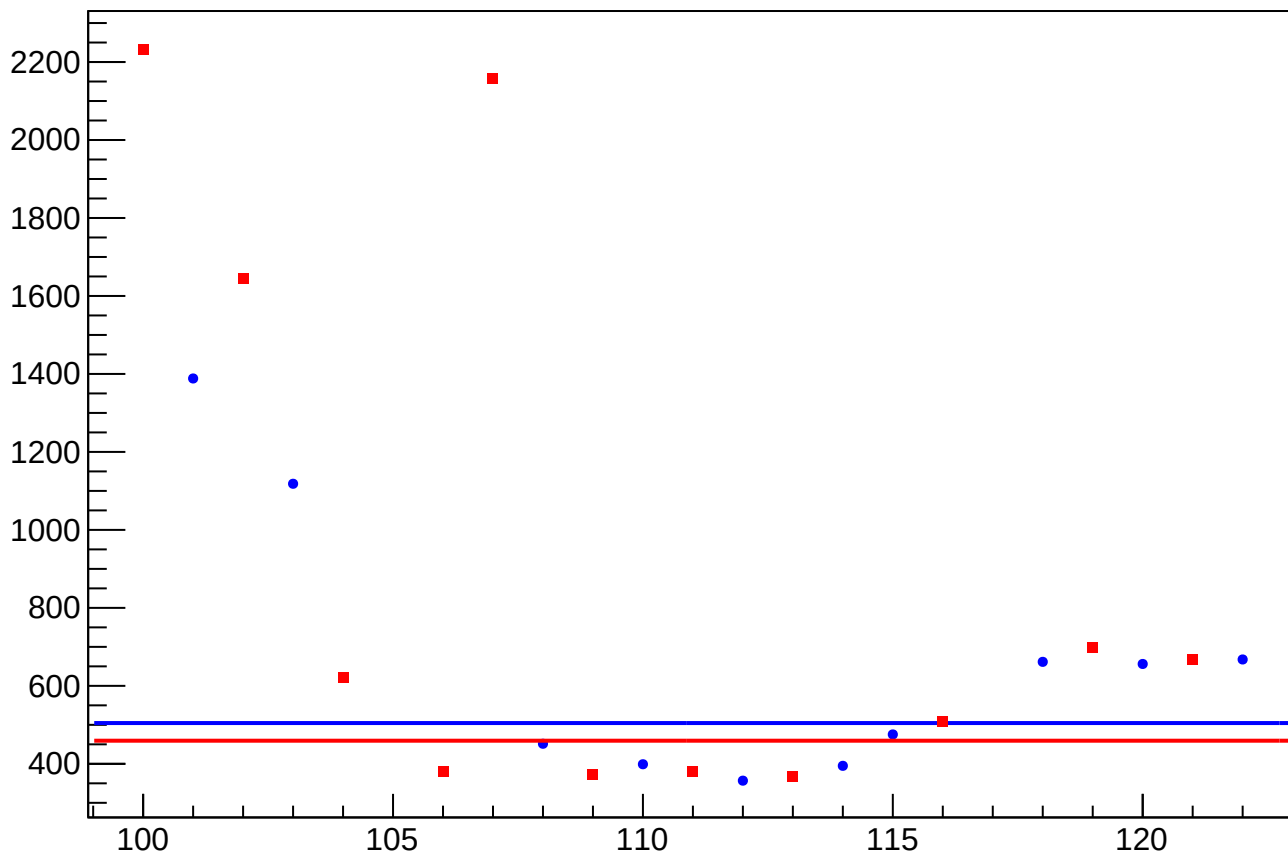
Right: 294.864+/-182.962 χ^2/NDF : 17.8/20

In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.864+/-182.962 χ^2/NDF : 17.8/20

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: 459.320+/-0.174 χ^2/NDF : 1411420.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

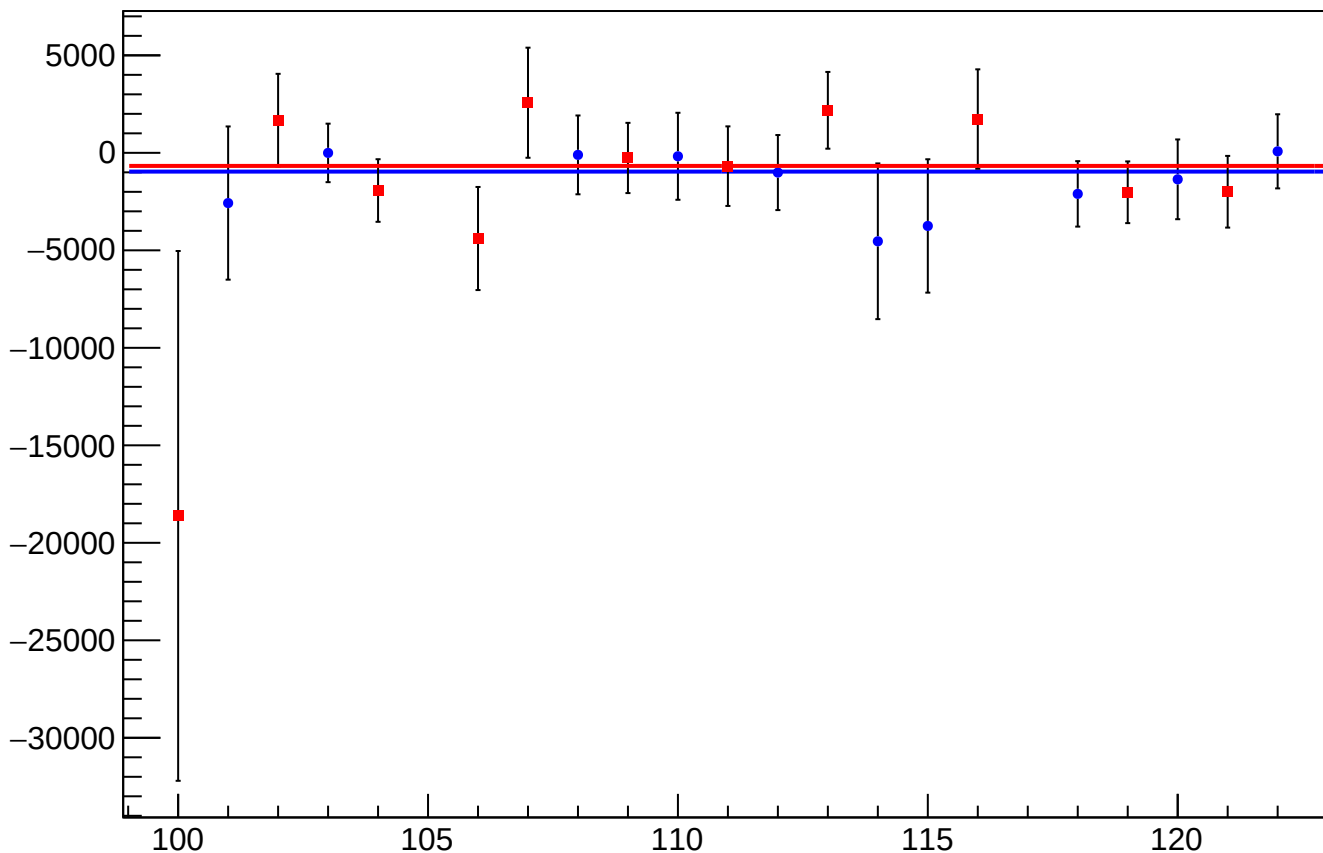
Right: 479.472+/-0.129 χ^2/NDF : 2694710.3/20

In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.472+/-0.129 χ^2/NDF : 2694710.3/20

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: -670.508+/-633.063 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

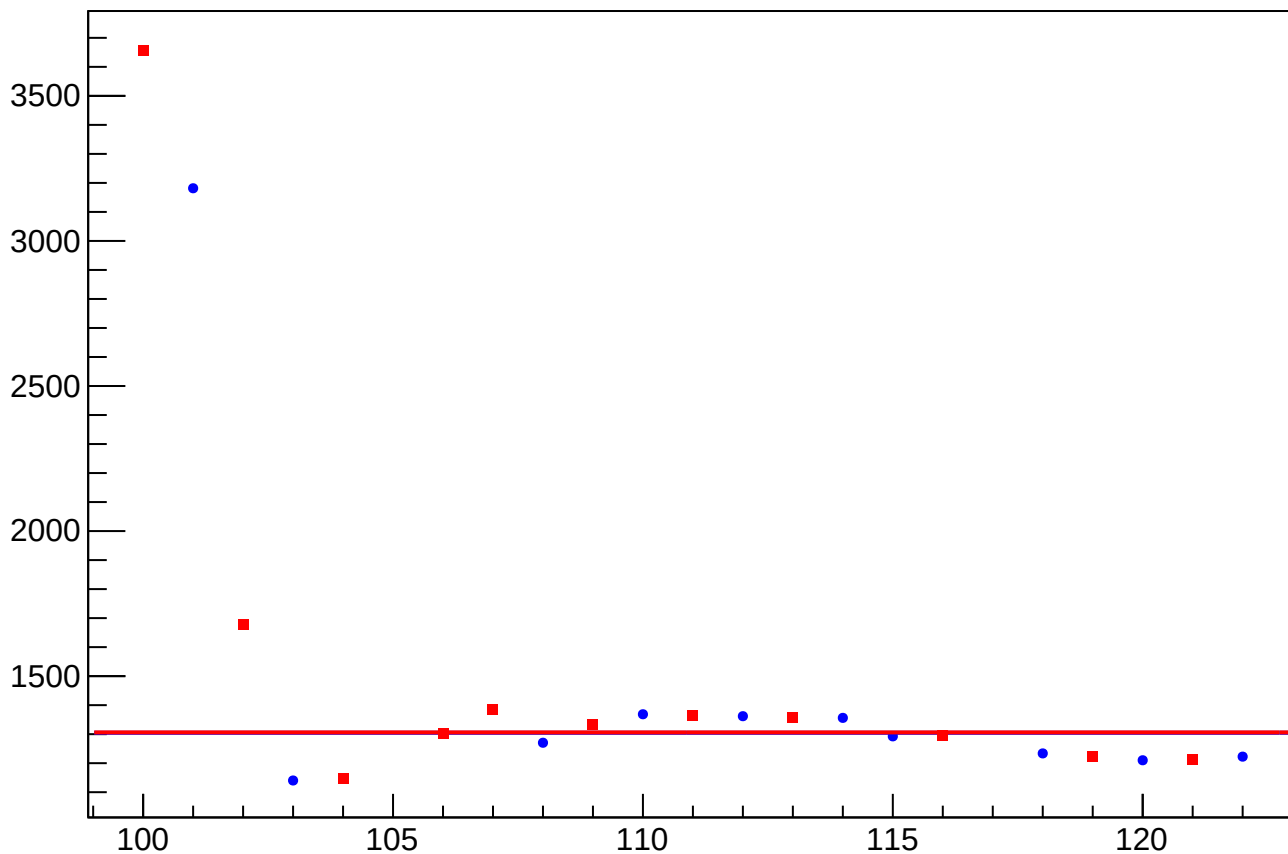
Right: -808.492+/-459.360 χ^2/NDF : 14.2/20

In: -961.931+/-667.575 χ^2/NDF :3.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -808.492+/-459.360 χ^2/NDF : 14.2/20

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: 1306.079+/-0.448 χ^2/NDF : 143505.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

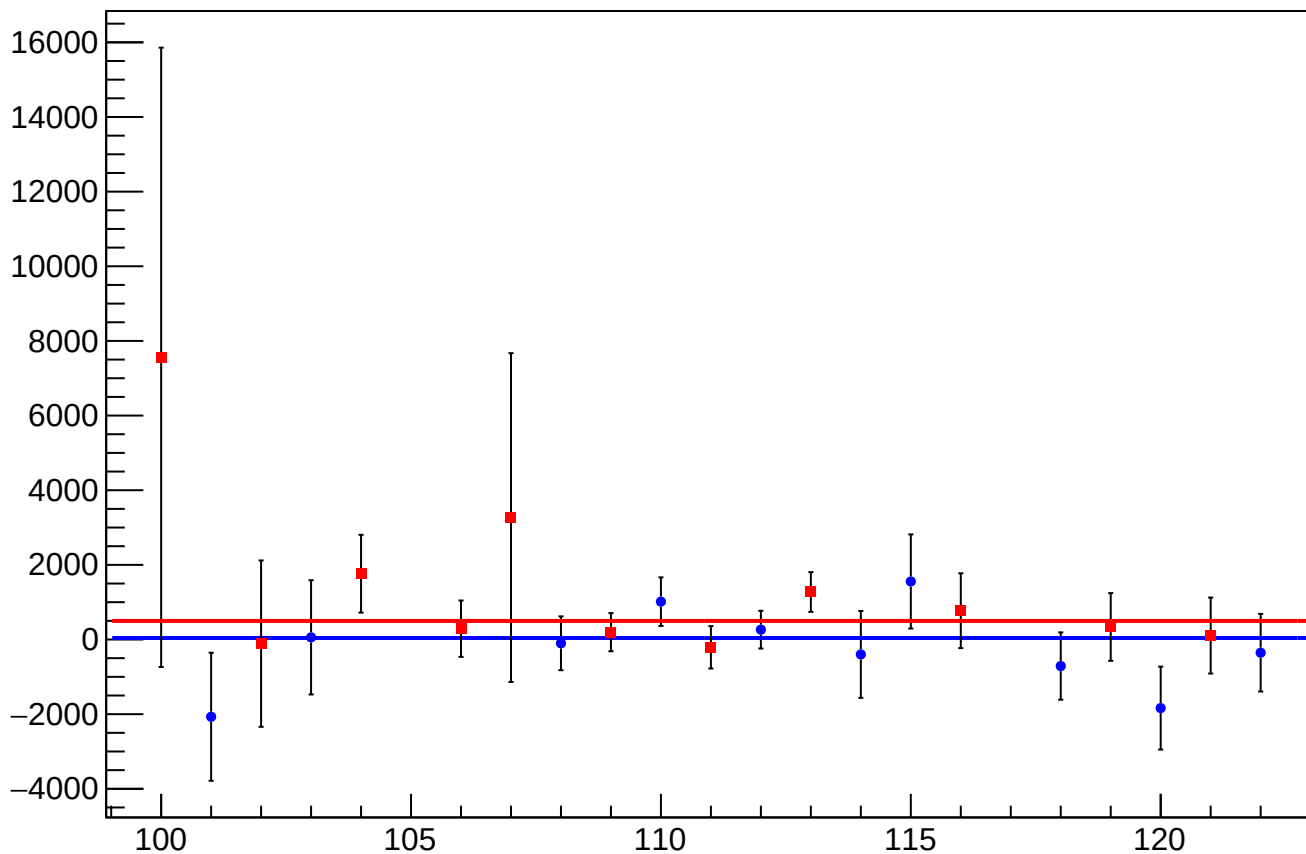
Right: 1305.447+/-0.325 χ^2/NDF : 639932.8/20

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.447+/-0.325 χ^2/NDF : 639932.8/20

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: 498.362+/-245.622 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

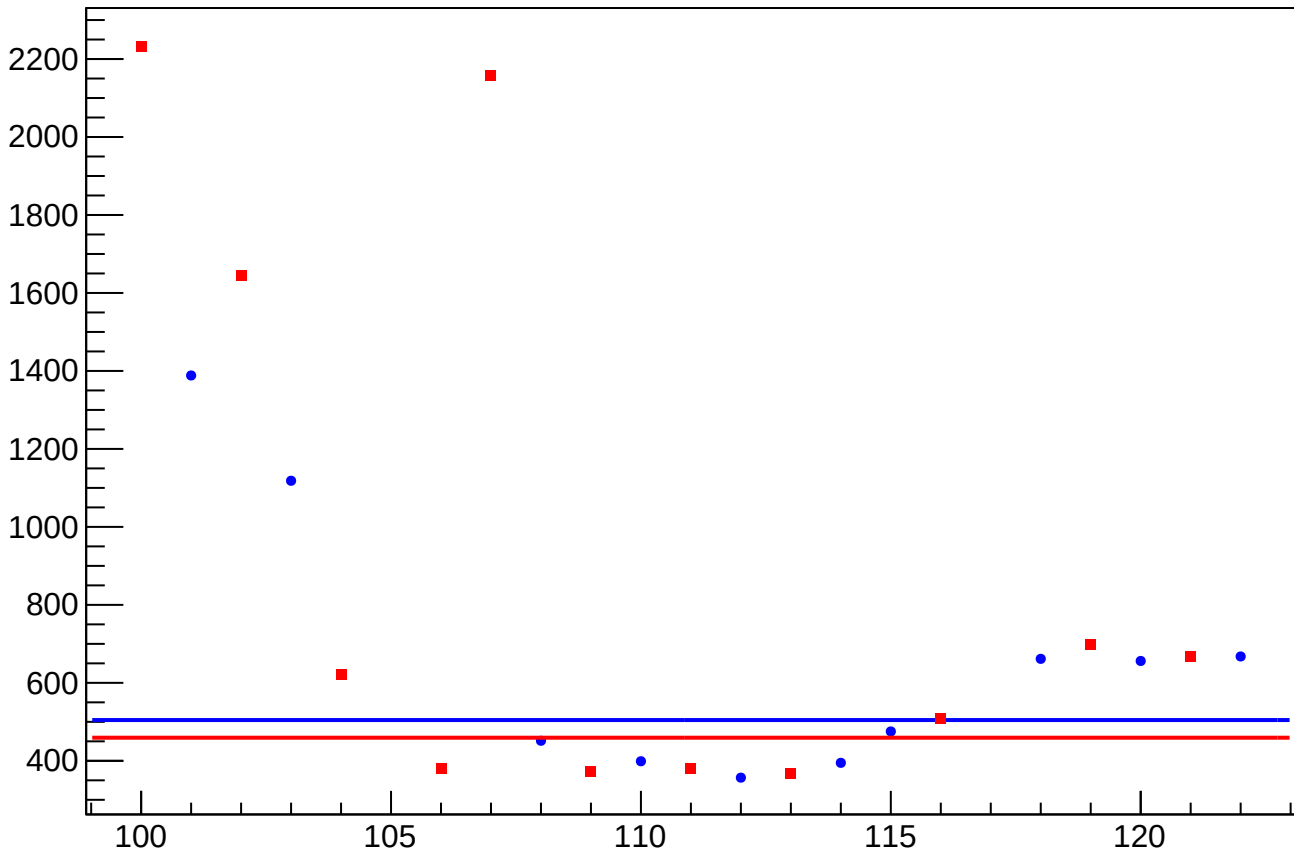
Right: 294.864+/-182.962 χ^2/NDF : 17.8/20

In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.864+/-182.962 χ^2/NDF : 17.8/20

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: 459.320+/-0.174 χ^2/NDF : 1411420.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

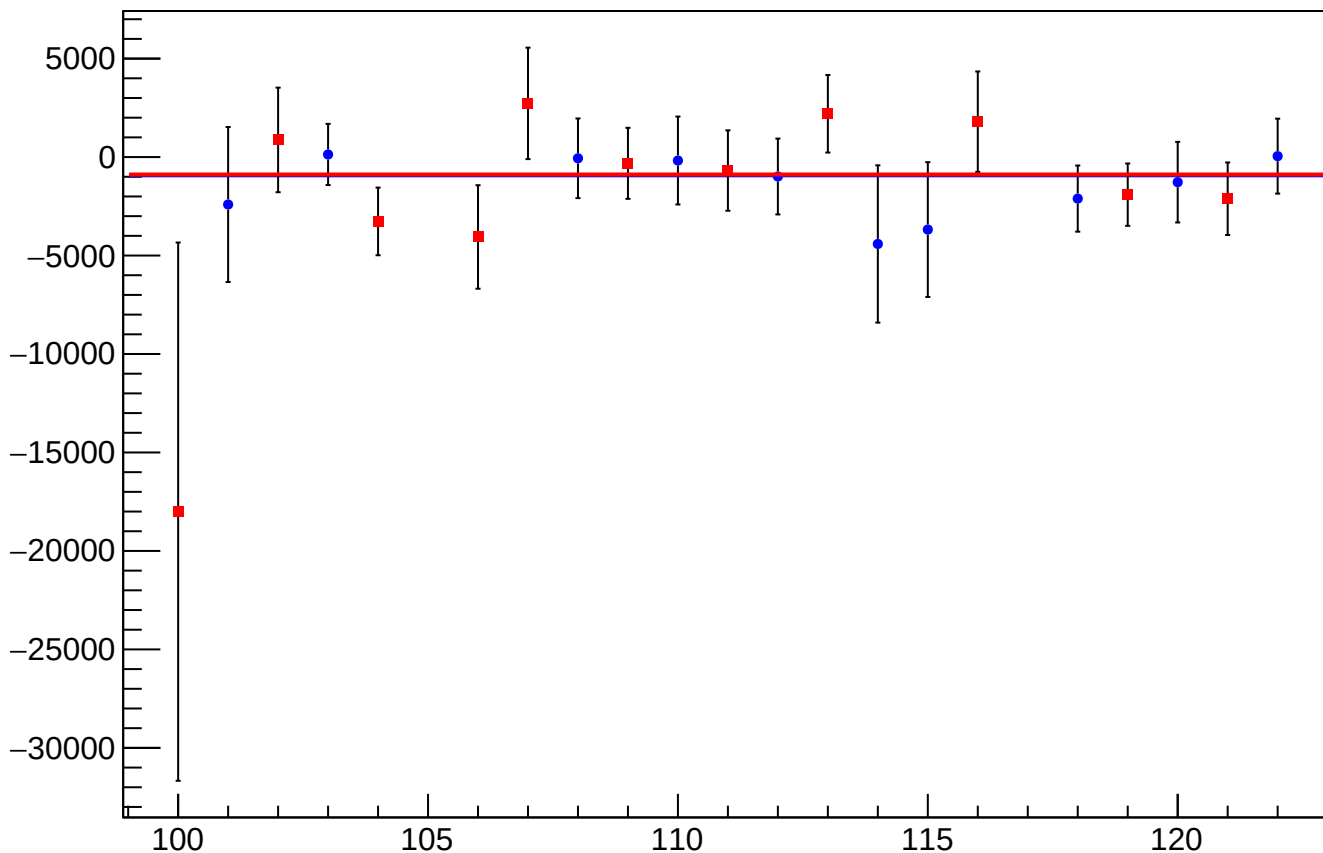
Right: 479.472+/-0.129 χ^2/NDF : 2694710.3/20

In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.472+/-0.129 χ^2/NDF : 2694710.3/20

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: -884.775+/-644.315 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

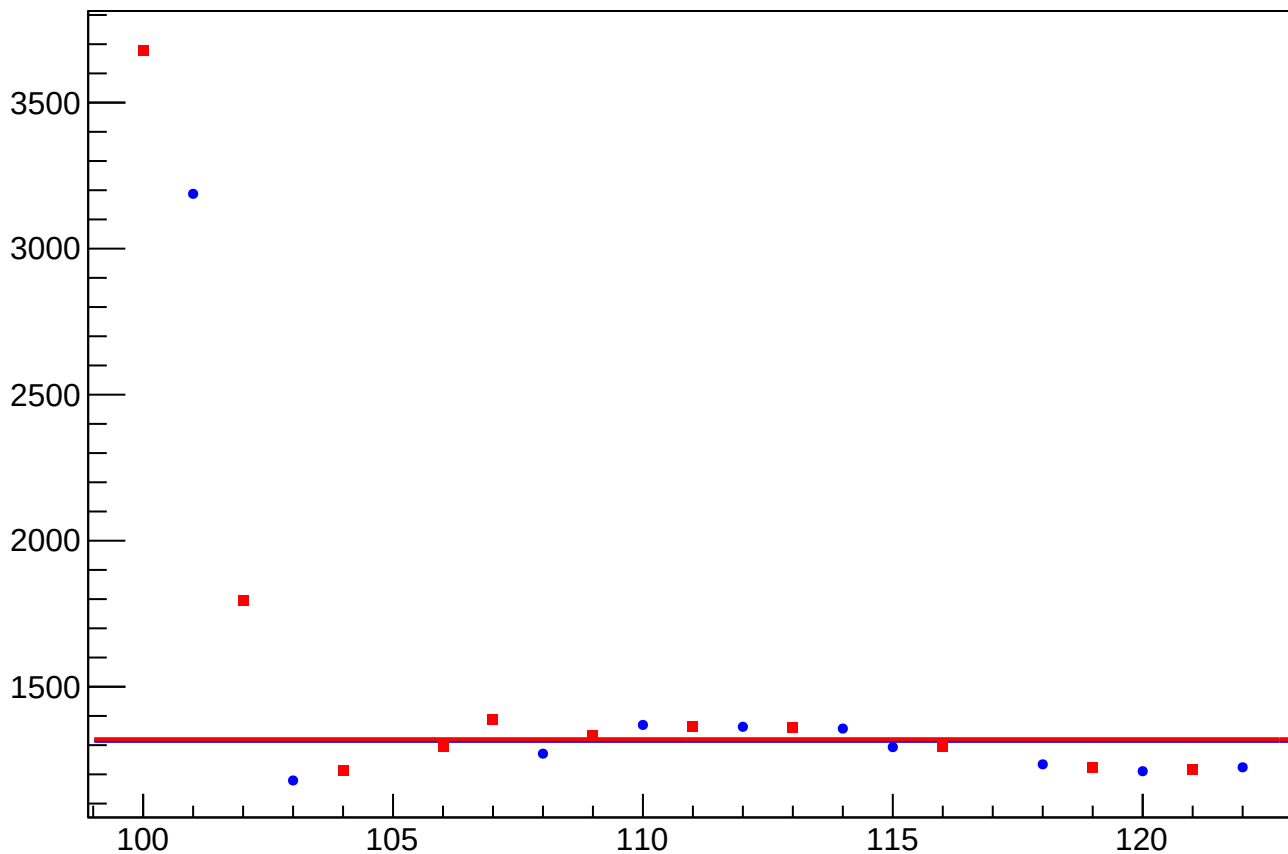
Right: -904.317+/-465.218 χ^2/NDF : 14.6/20

In: -925.602+/-672.419 χ^2/NDF :3.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -904.317+/-465.218 χ^2/NDF : 14.6/20

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: 1320.409+/-0.456 χ^2/NDF : 148563.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

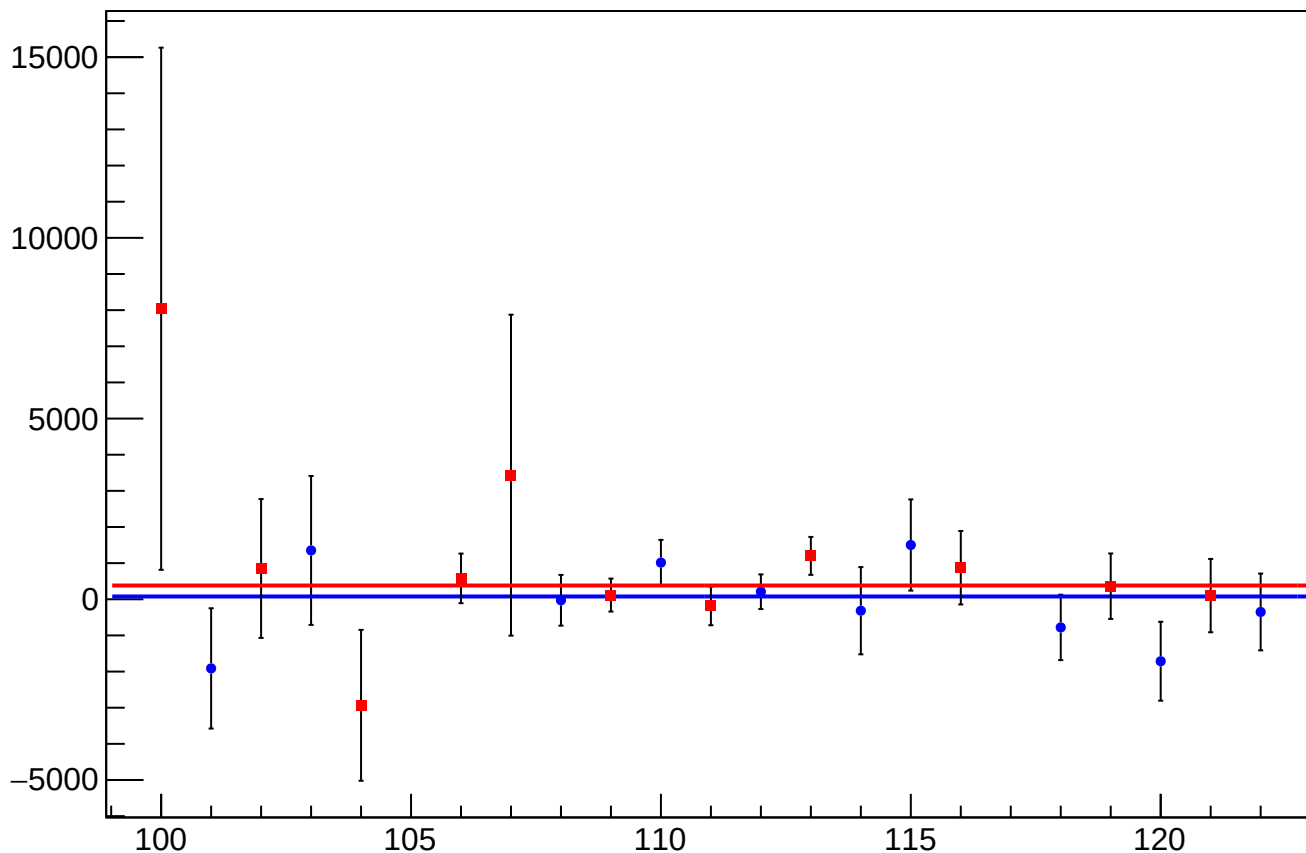
Right: 1317.751+/-0.329 χ^2/NDF : 634676.1/20

In: 1314.856+/-0.475 χ^2/NDF : 486041.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.751+/-0.329 χ^2/NDF : 634676.1/20

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: 381.031+/-237.056 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

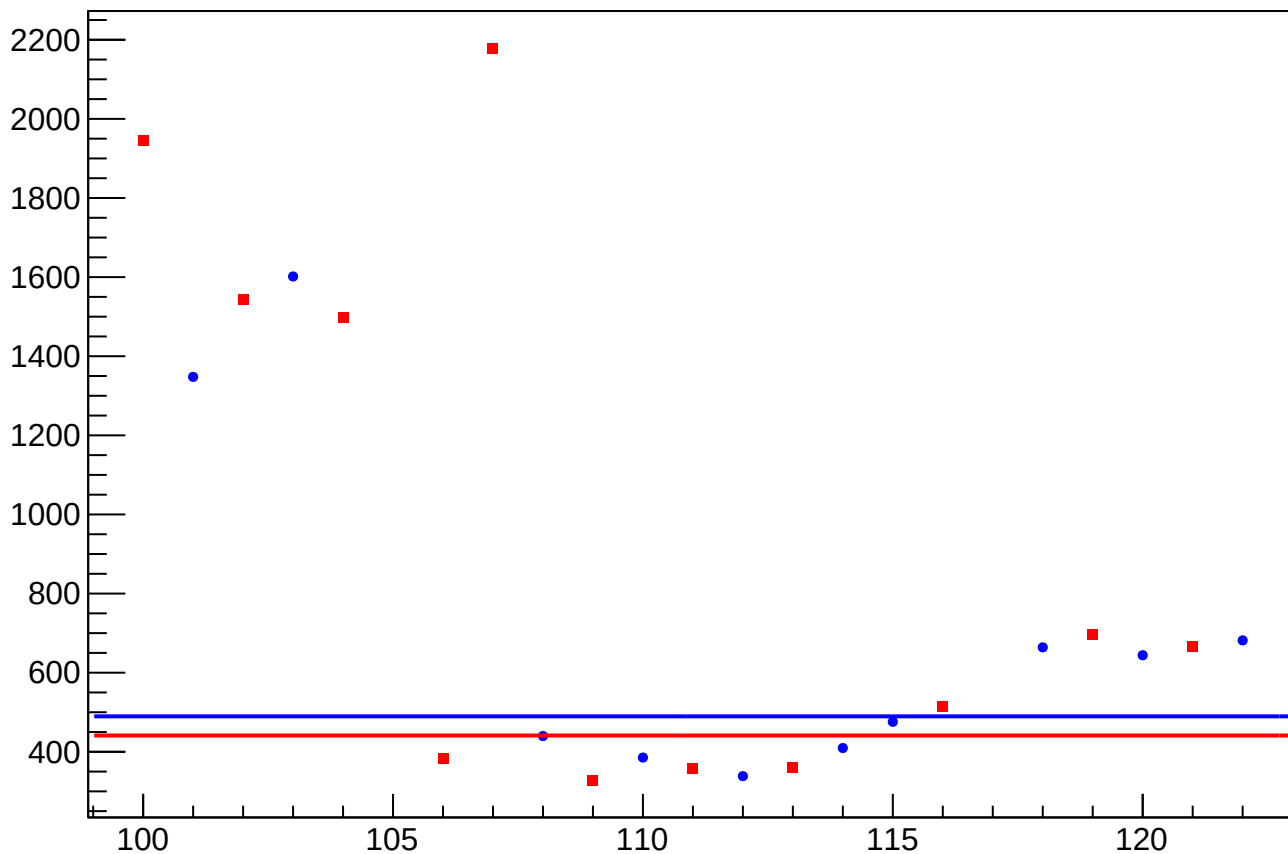
Right: 248.721+/-178.016 χ^2/NDF : 18.4/20

In: 77.627+/-269.572 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.721+/-178.016 χ^2/NDF : 18.4/20

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: 441.199+/-0.168 χ^2/NDF : 2067403.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

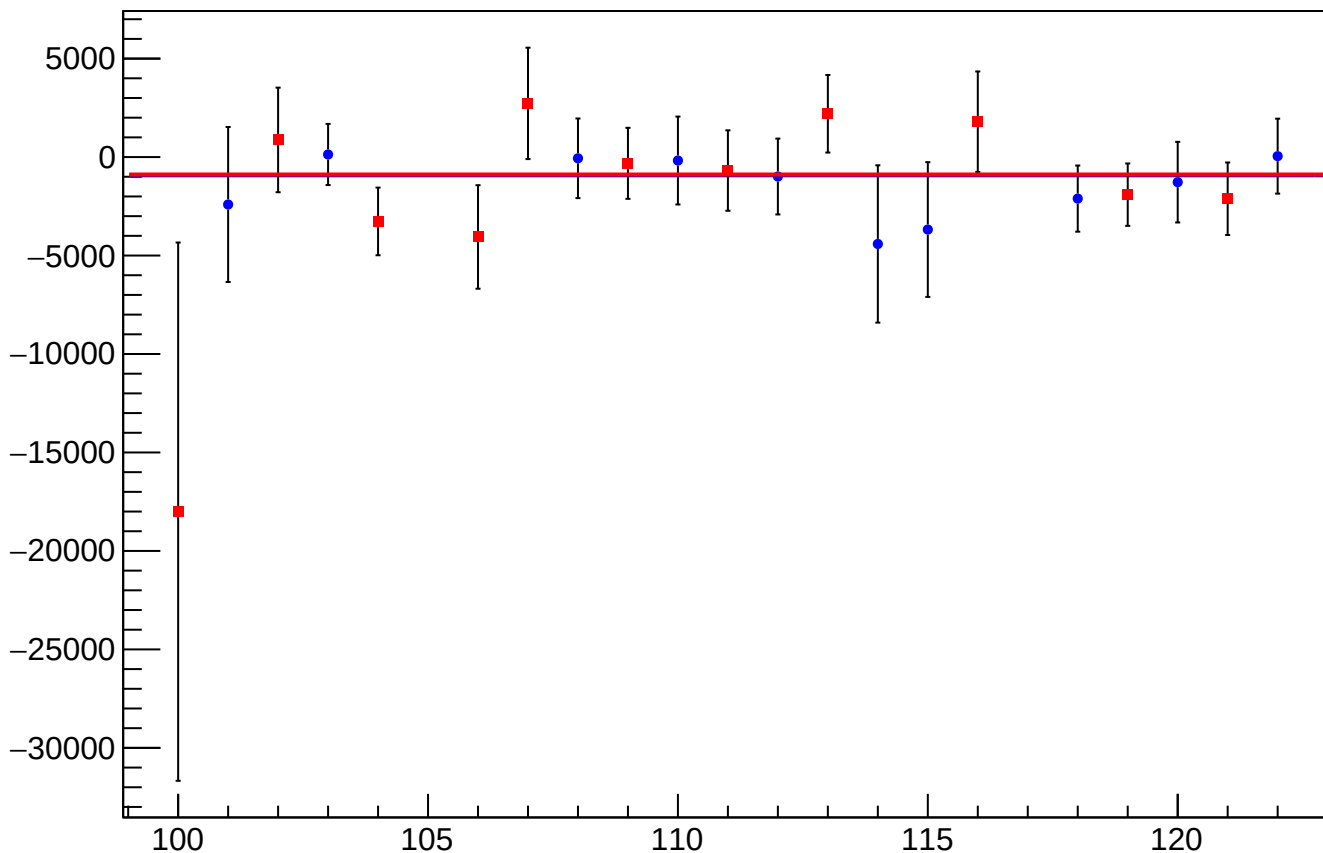
Right: 462.305+/-0.126 χ^2/NDF : 3670112.8/20

In: 489.597+/-0.191 χ^2/NDF : 1566355.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.305+/-0.126 χ^2/NDF : 3670112.8/20

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: -884.775+/-644.315 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

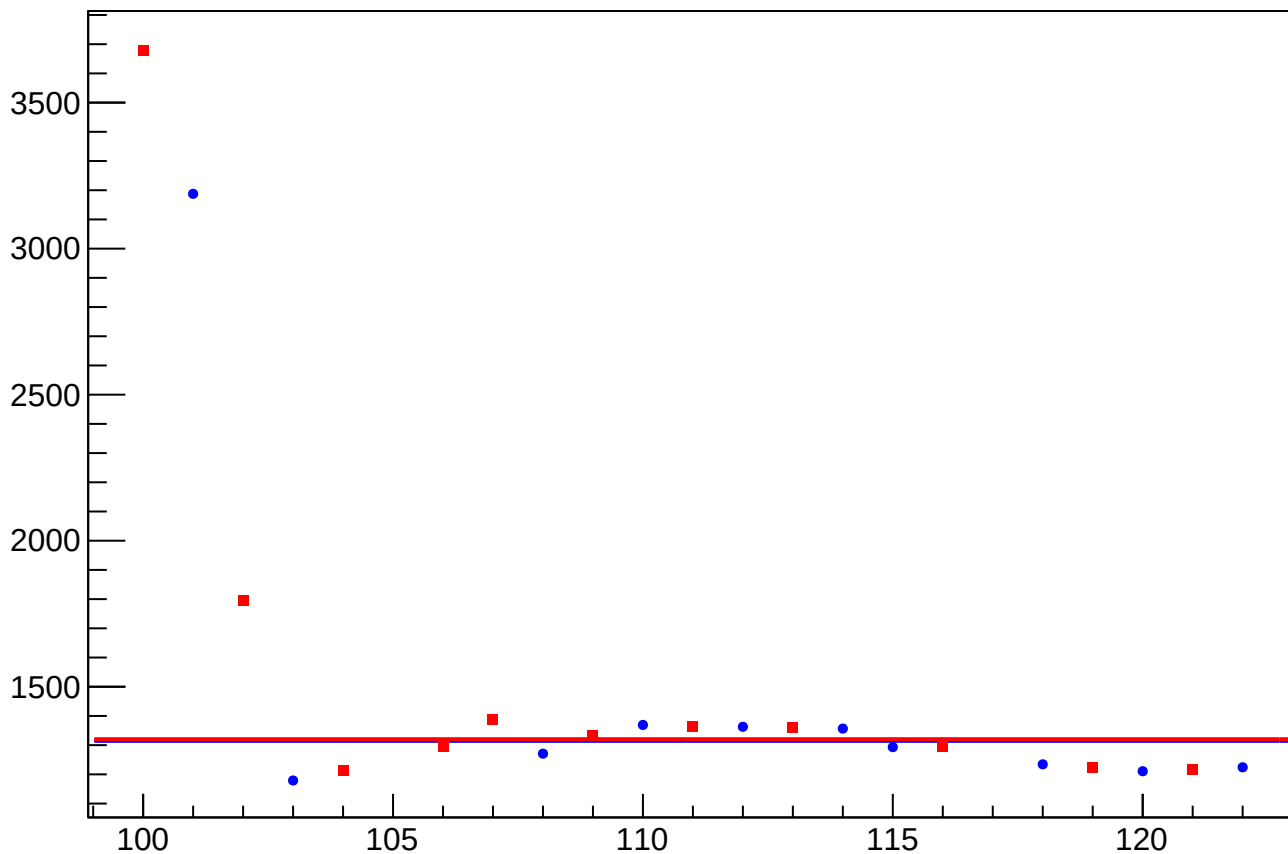
Right: -904.317+/-465.218 χ^2/NDF : 14.6/20

In: -925.600+/-672.419 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -904.317+/-465.218 χ^2/NDF : 14.6/20

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: 1320.409+/-0.456 χ^2/NDF : 148563.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

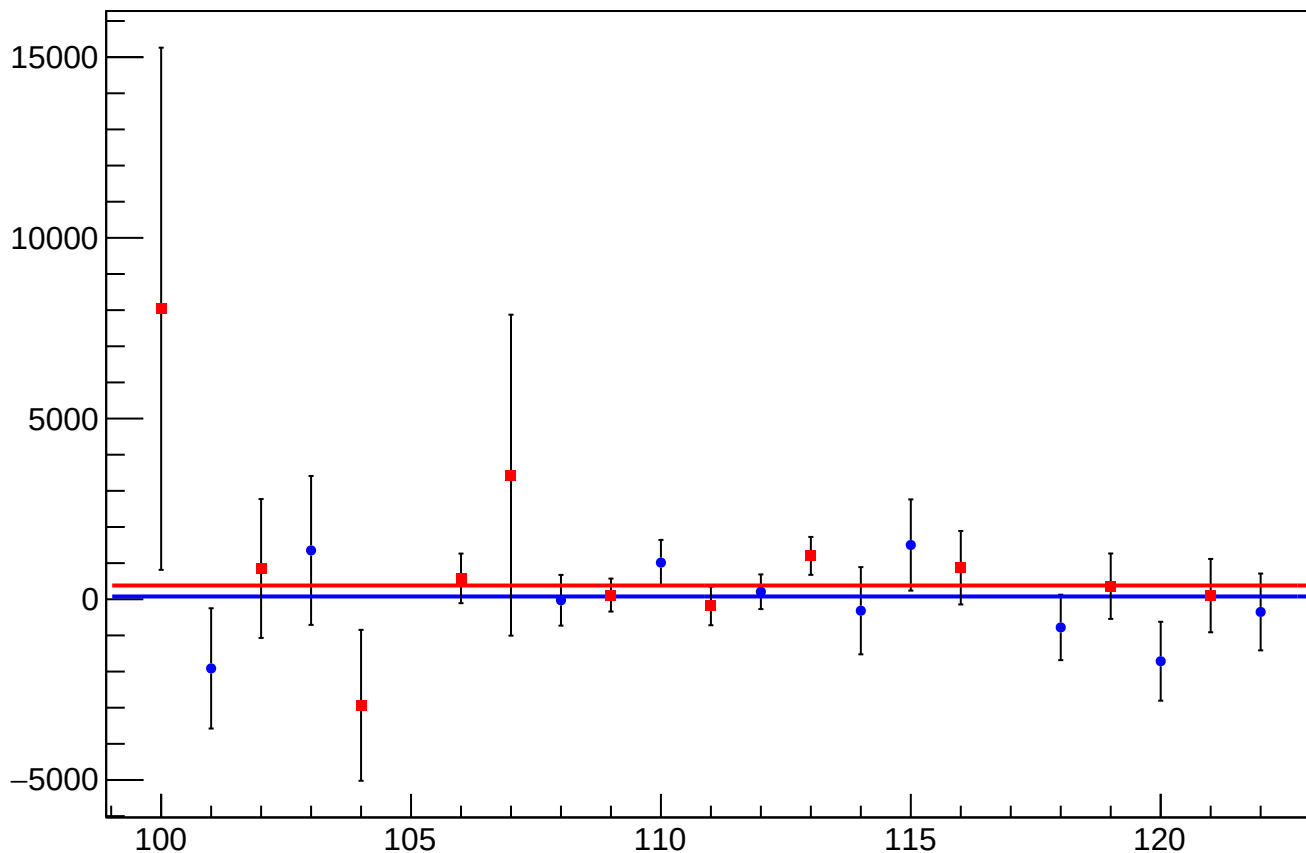
Right: 1317.751+/-0.329 χ^2/NDF : 634676.1/20

In: 1314.856+/-0.475 χ^2/NDF : 486041.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.751+/-0.329 χ^2/NDF : 634676.1/20

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: 381.029+/-237.056 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

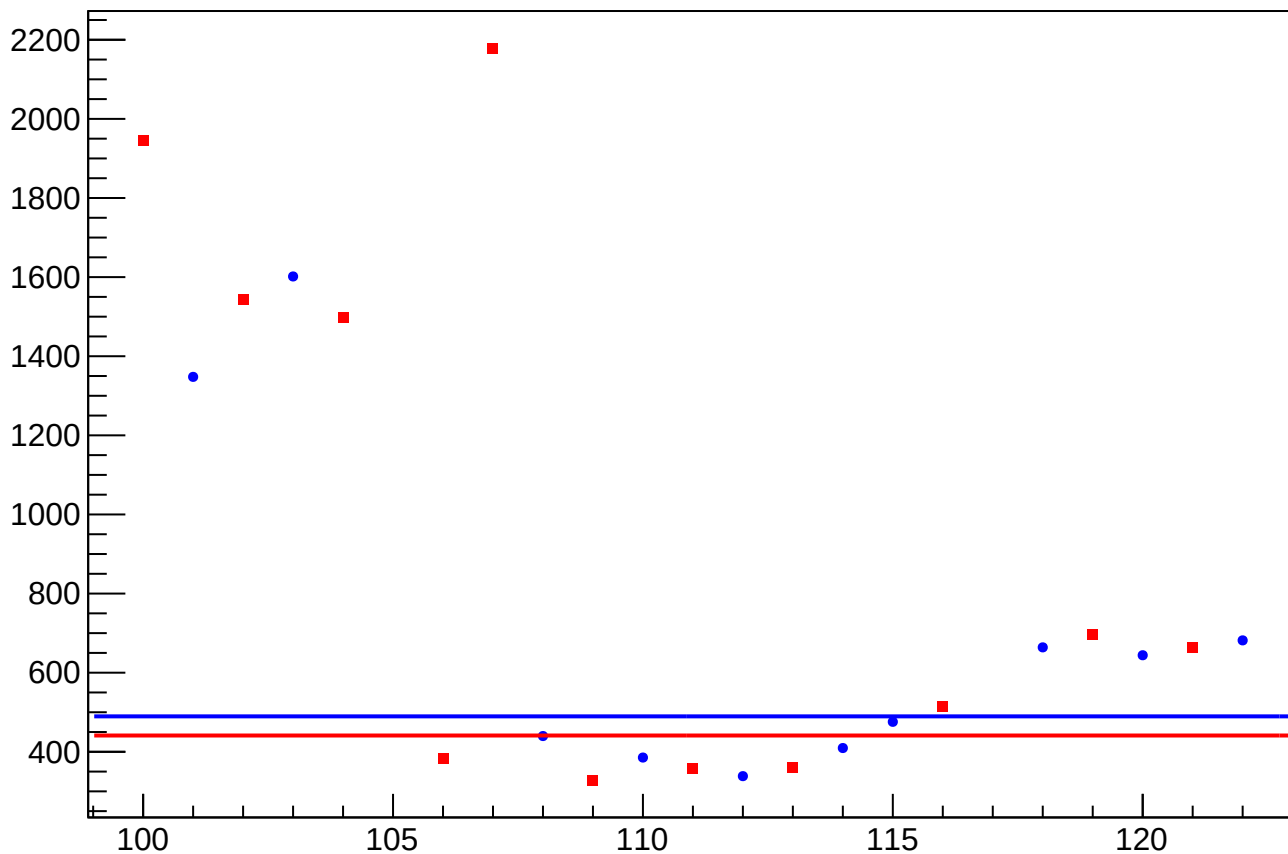
Right: 248.720+/-178.015 χ^2/NDF : 18.4/20

In: 77.627+/-269.570 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.720+/-178.015 χ^2/NDF : 18.4/20

asym_atl1r2_dd_atl2r1_dd_avg_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: 441.198+/-0.168 χ^2/NDF : 2067411.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

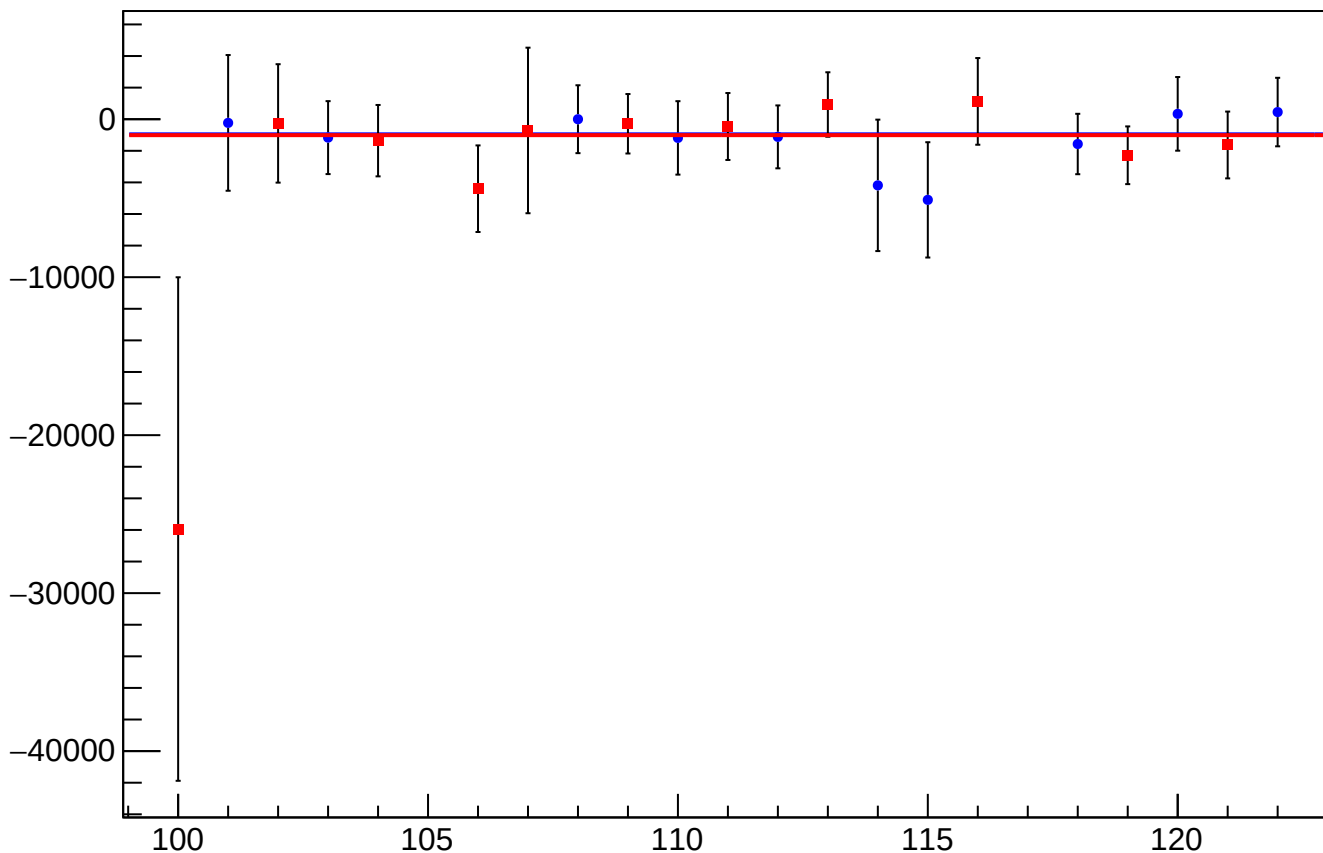
Right: 462.303+/-0.126 χ^2/NDF : 3670125.1/20

In: 489.595+/-0.191 χ^2/NDF :1566360.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 462.303+/-0.126 χ^2/NDF : 3670125.1/20

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: -1008.451+/-736.822 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

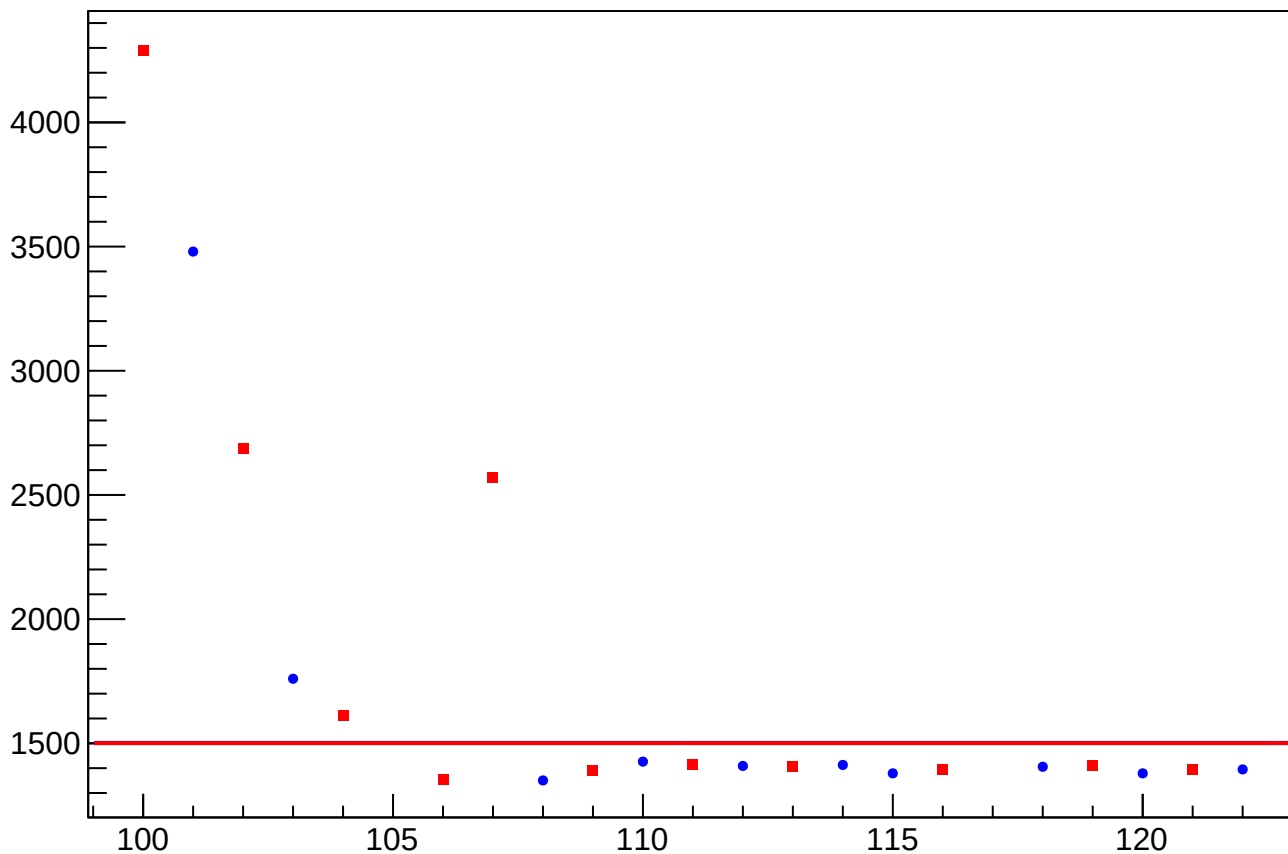
Right: -984.394+/-531.440 χ^2/NDF : 9.3/20

In: -958.309+/-767.241 χ^2/NDF : 3.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -984.394+/-531.440 χ^2/NDF : 9.3/20

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: 1500.785+/-0.521 χ^2/NDF : 382080.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

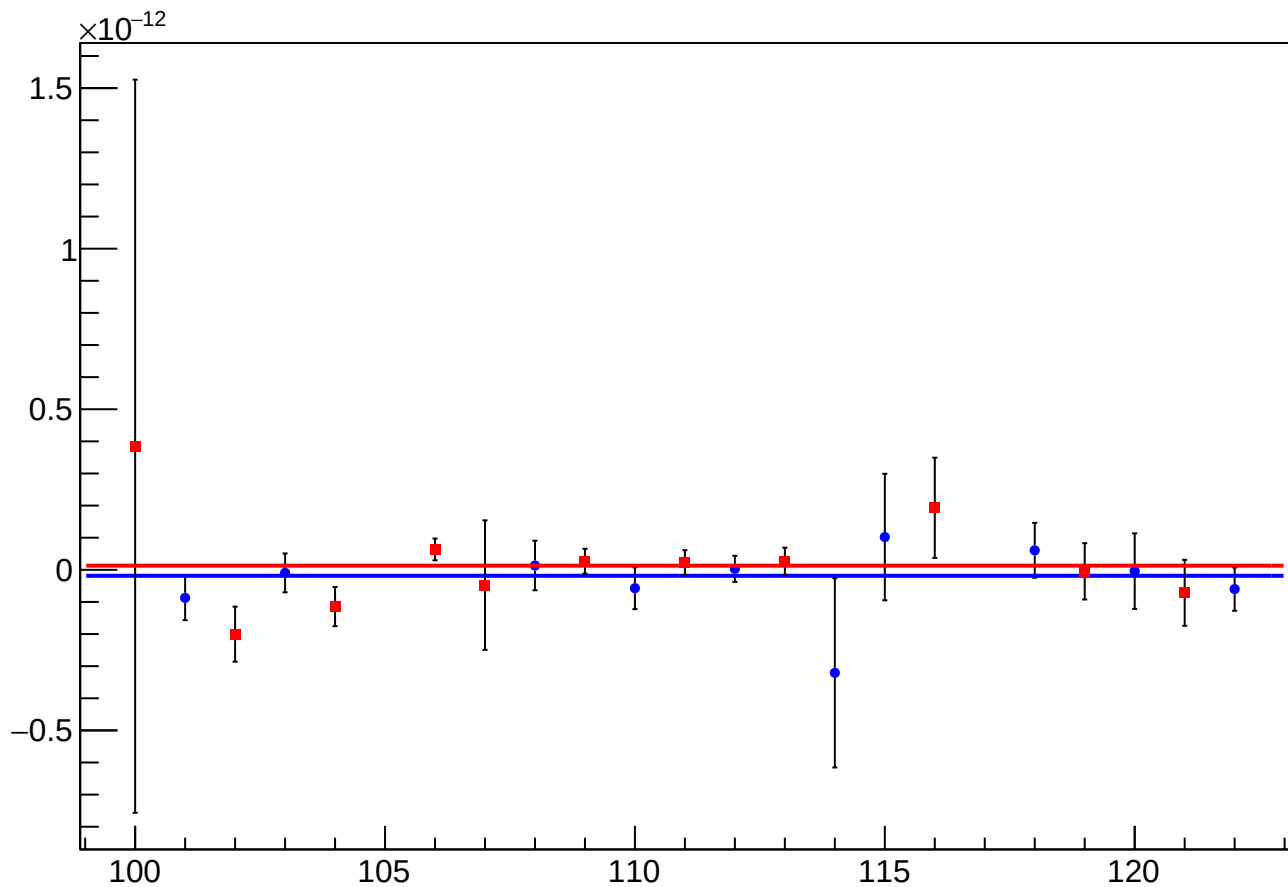
Right: 1501.142+/-0.376 χ^2/NDF : 866192.6/20

In: 1501.528+/-0.543 χ^2/NDF : 484111.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.142+/-0.376 χ^2/NDF : 866192.6/20

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 : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

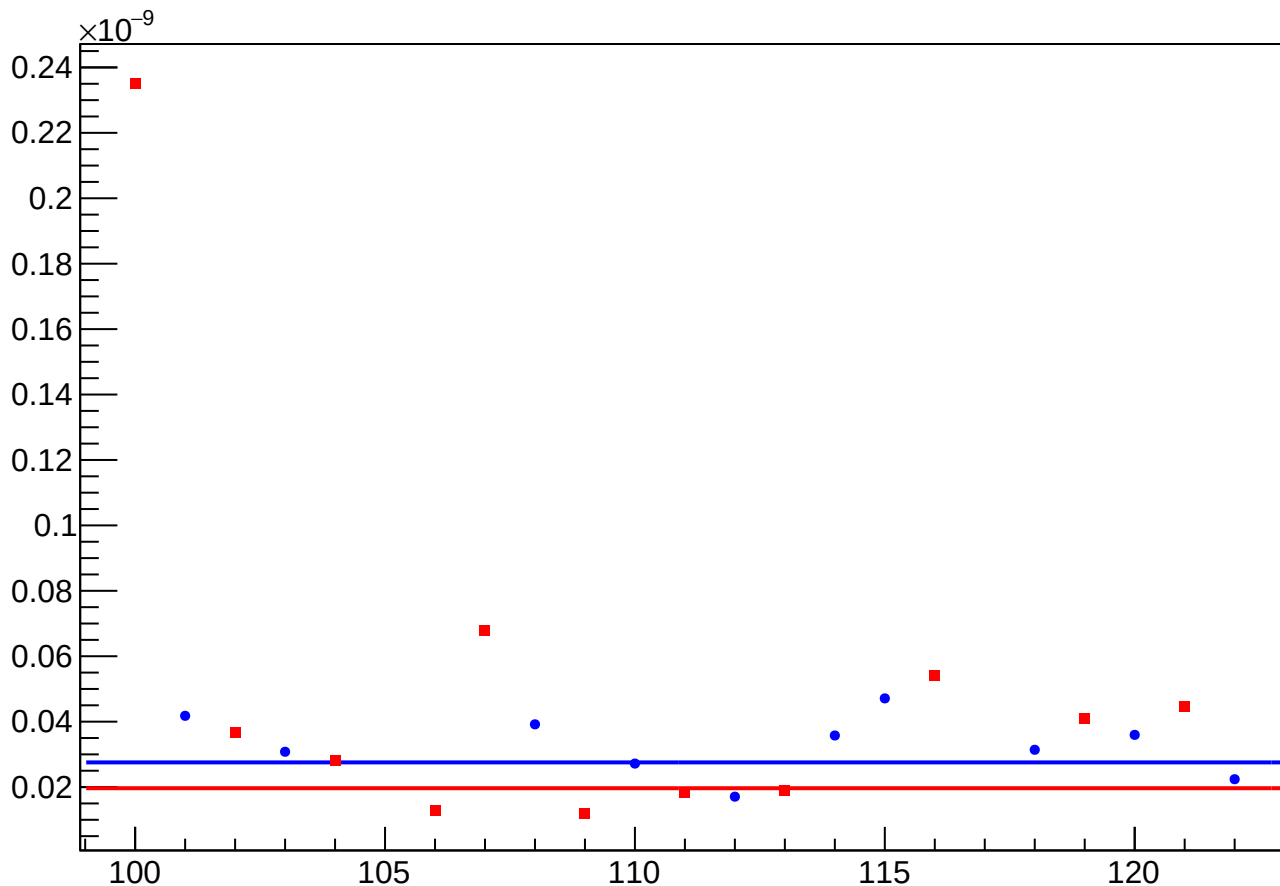
Right: 0.000+/-0.000 χ^2/NDF : 21.0/20

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 : 21.0/20

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 : 803887.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

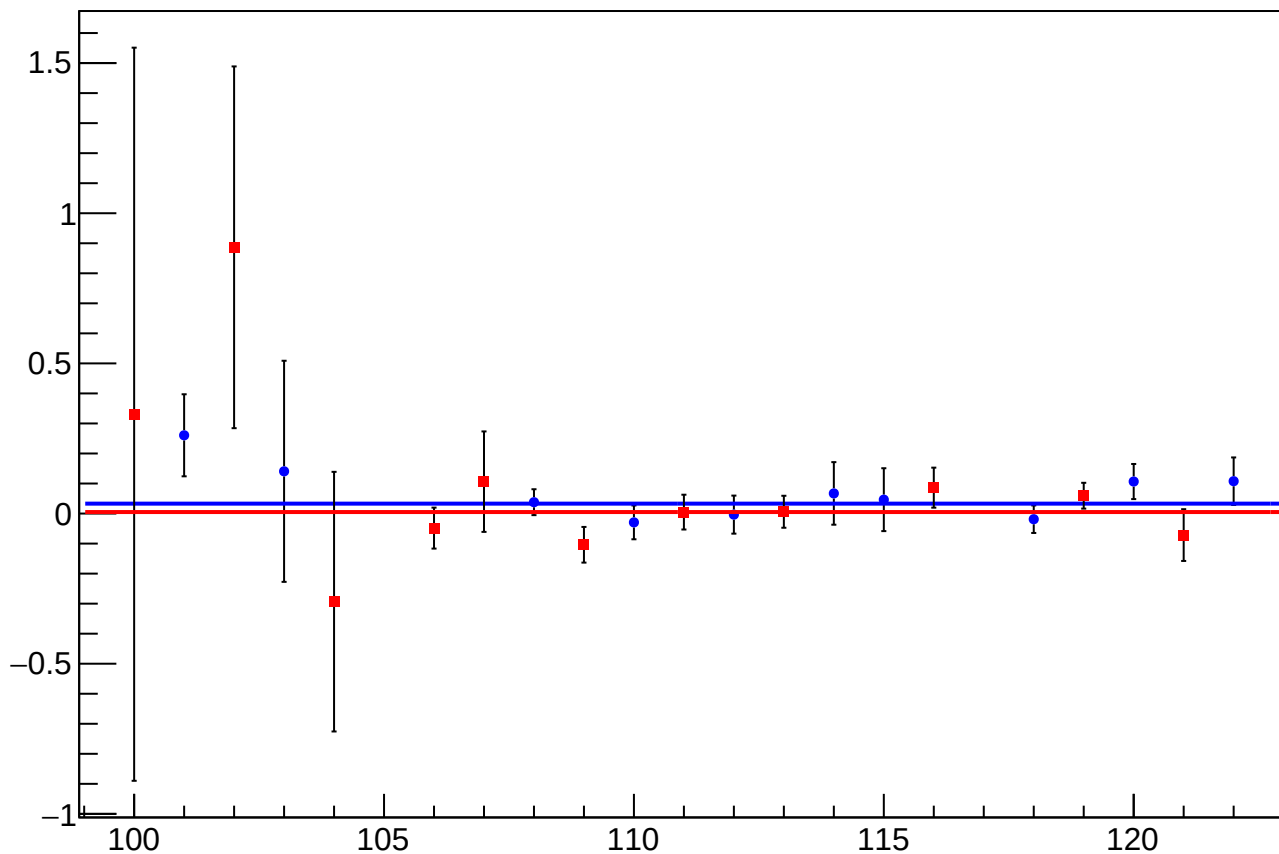
Right: 0.000+/-0.000 χ^2/NDF : 1274725.4/20

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 : 1274725.4/20

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 : 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

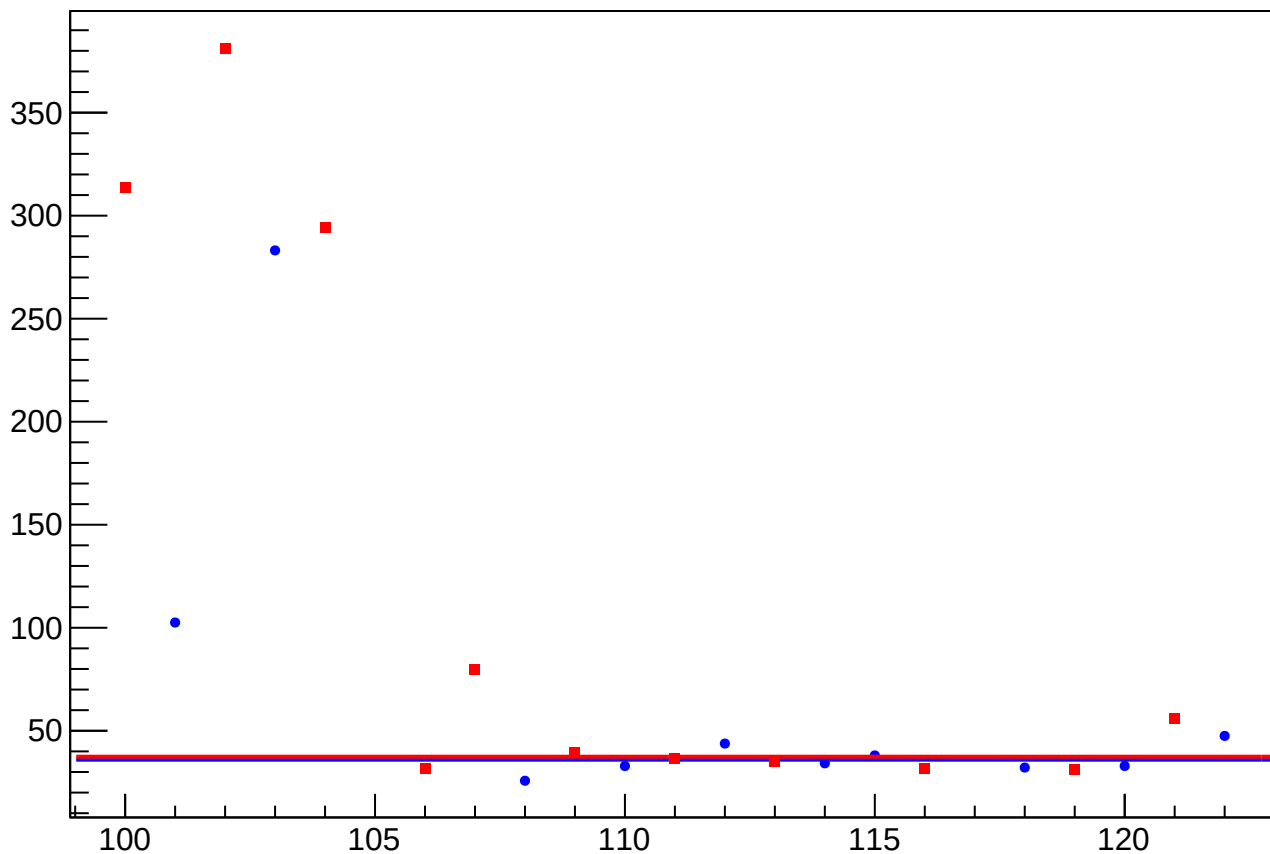
Right: 0.020+/-0.015 χ^2/NDF : 20.1/20

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 : 20.1/20

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: 37.413+/-0.015 χ^2/NDF : 1756863.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

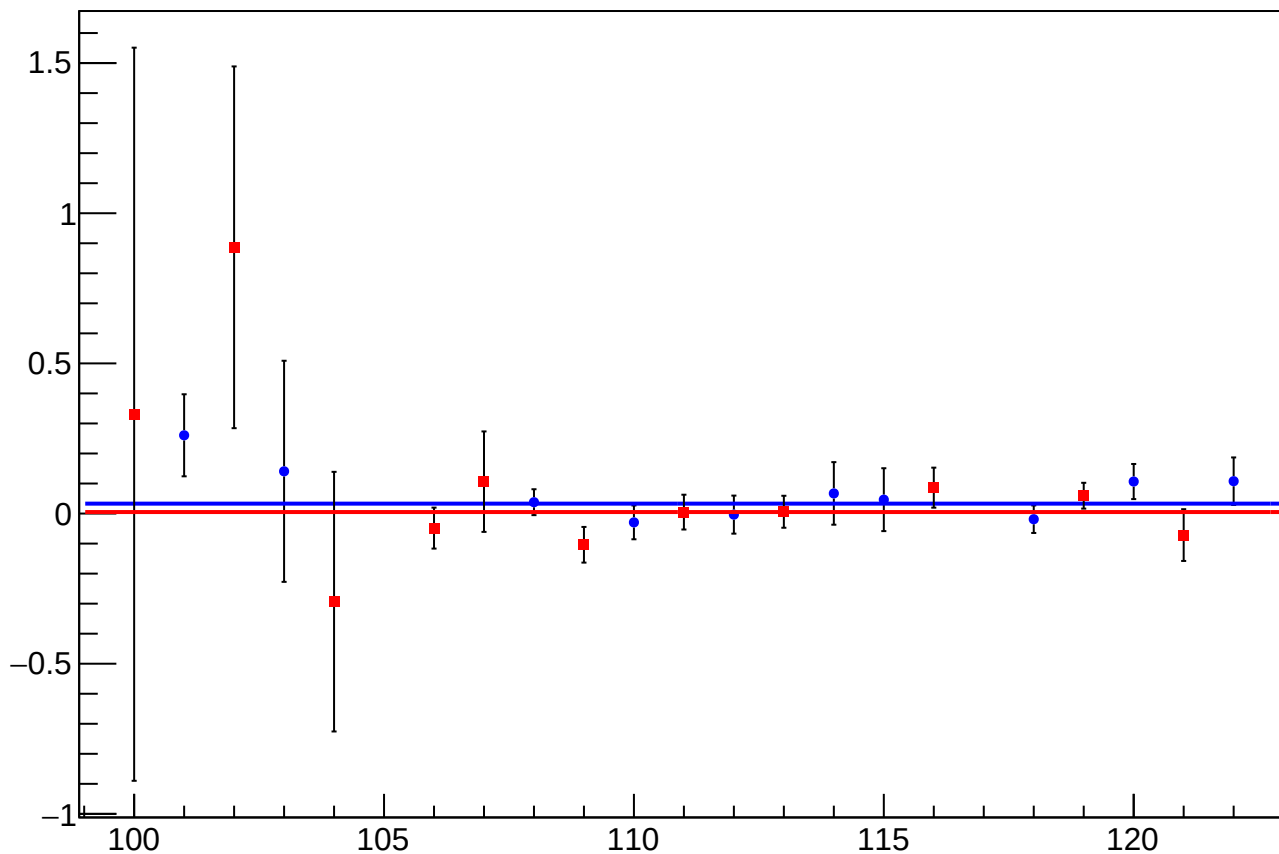
Right: 36.671+/-0.011 χ^2/NDF : 3350151.0/20

In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.671+/-0.011 χ^2/NDF : 3350151.0/20

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 : 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

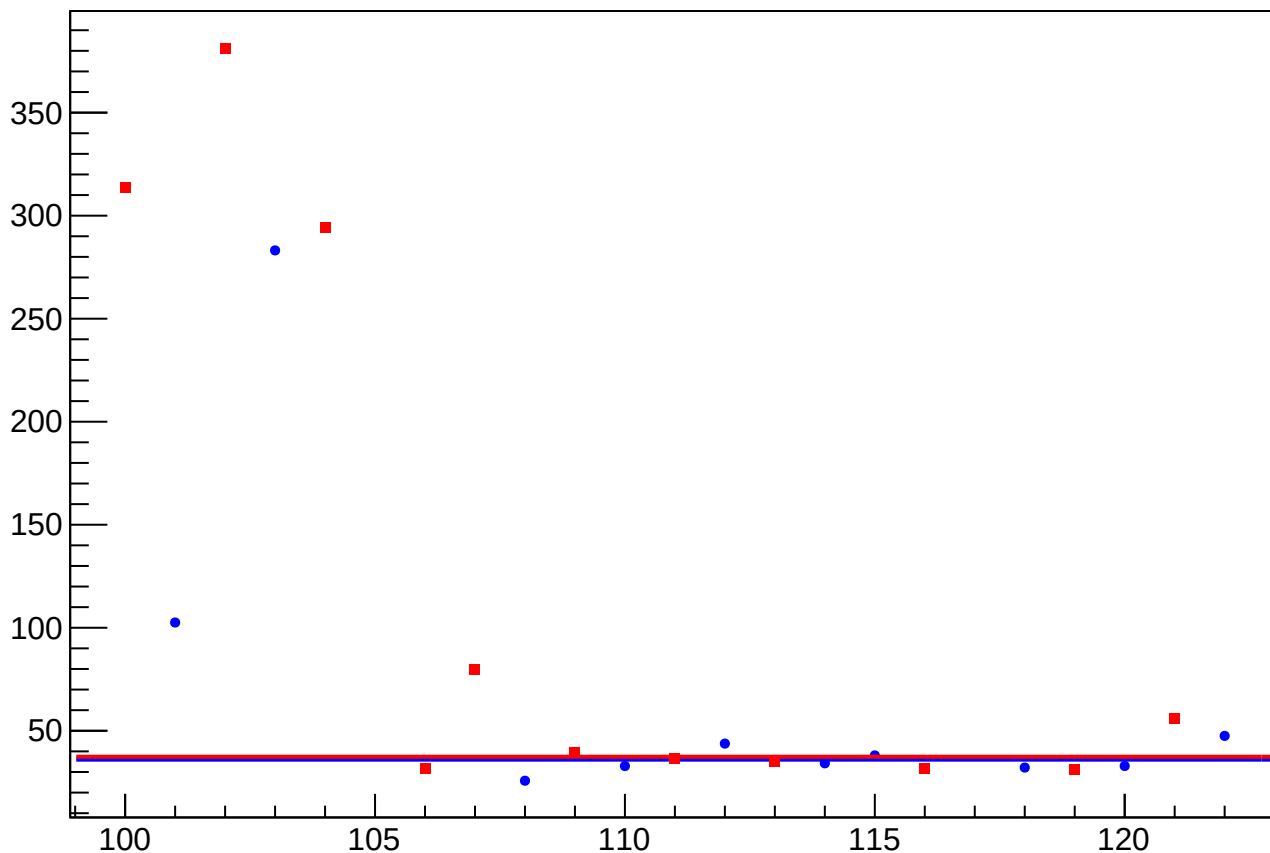
Right: 0.020+/-0.015 χ^2/NDF : 20.1/20

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 : 20.1/20

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: 37.413+/-0.015 χ^2/NDF : 1756863.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

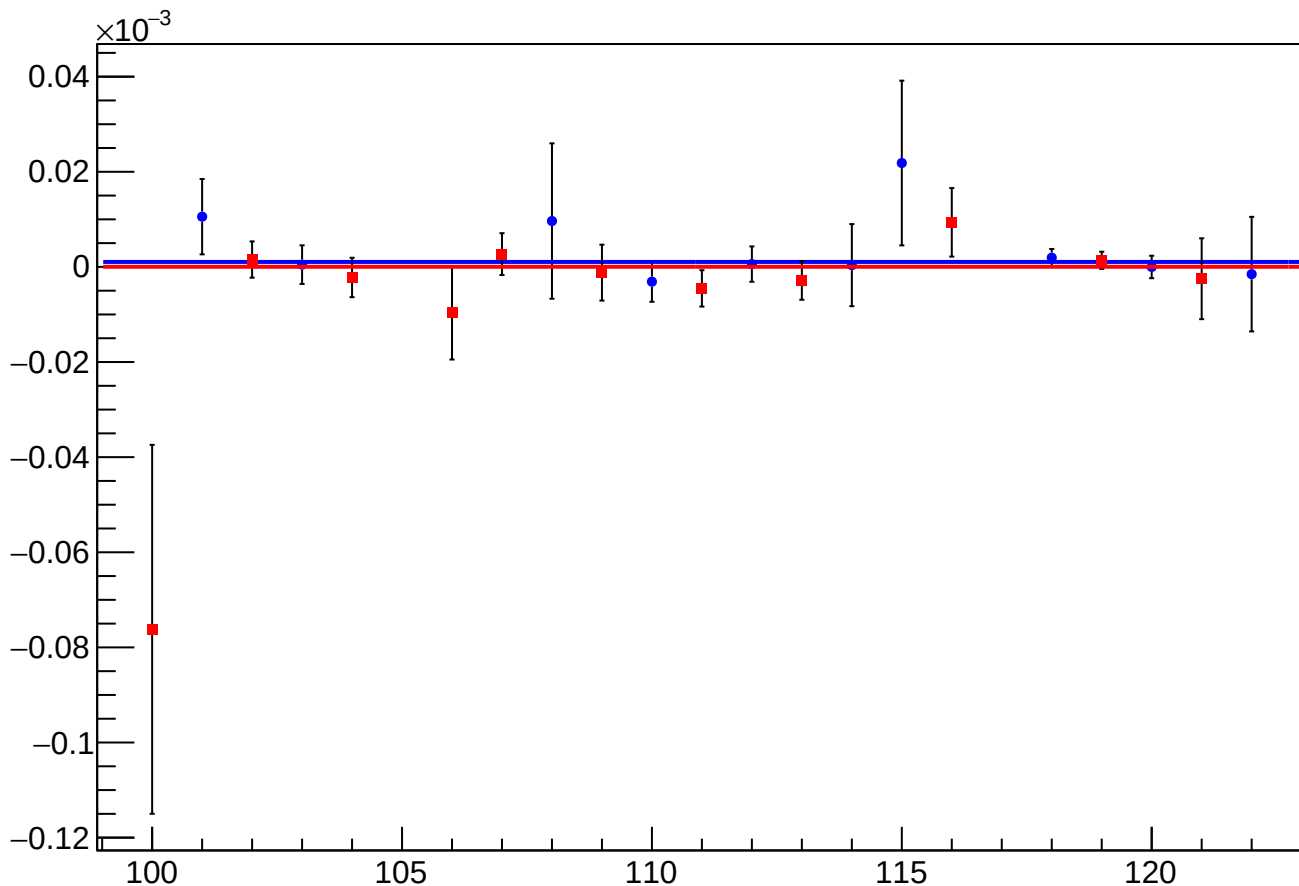
Right: 36.671+/-0.011 χ^2/NDF : 3350151.0/20

In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.671+/-0.011 χ^2/NDF : 3350151.0/20

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 : 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

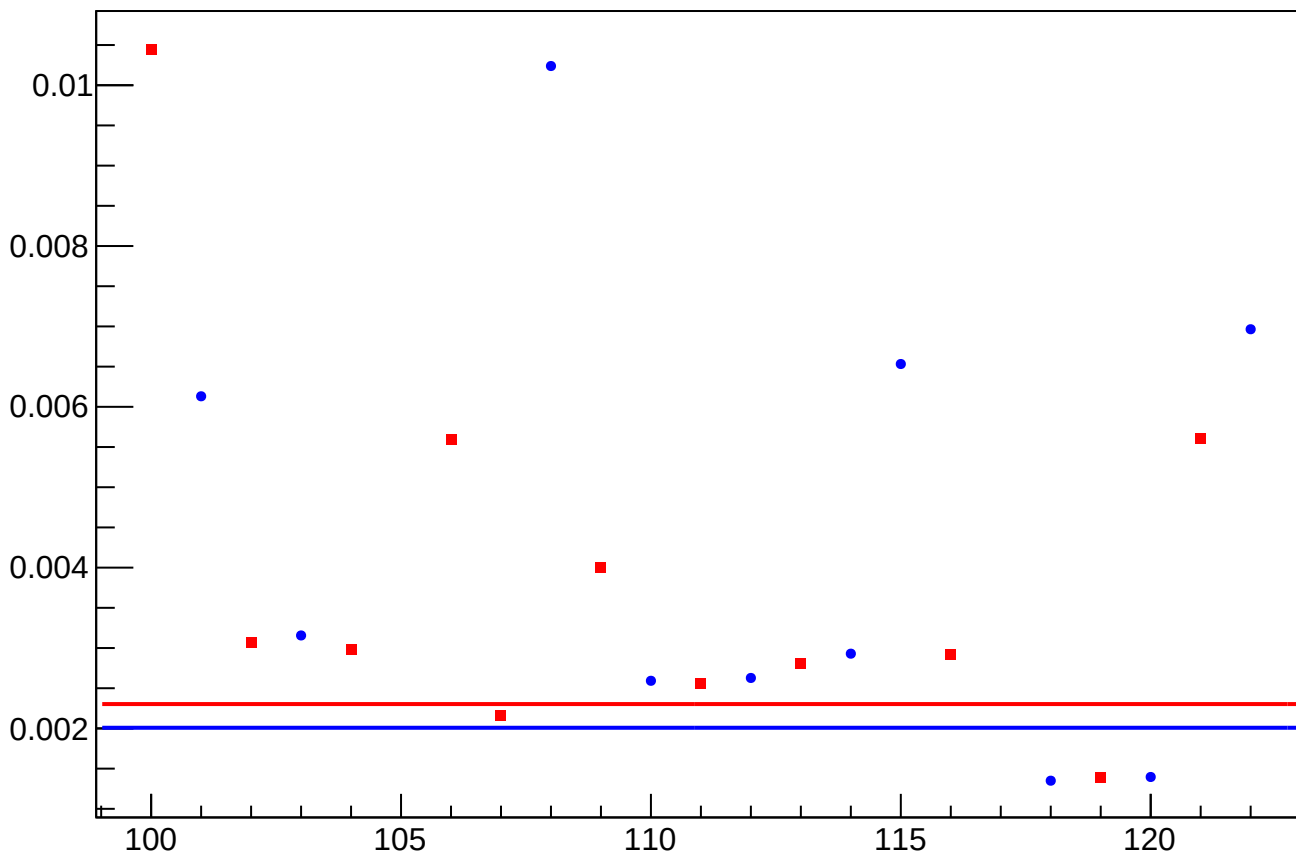
Right: 0.000+/-0.000 χ^2/NDF : 15.0/20

In: 0.000+/-0.000 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.0/20

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 : 1480434.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

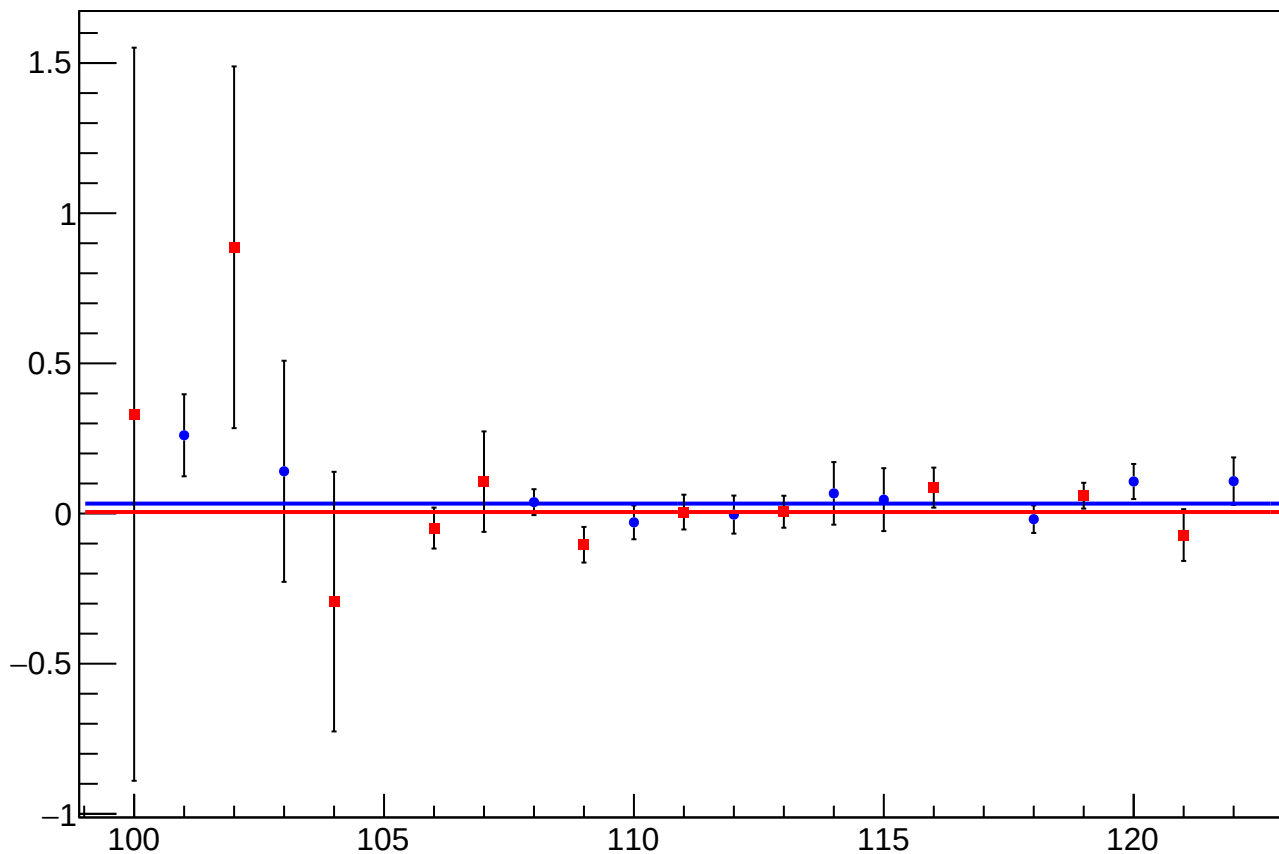
Right: 0.002+/-0.000 χ^2/NDF : 3733546.9/20

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 : 3733546.9/20

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 : 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

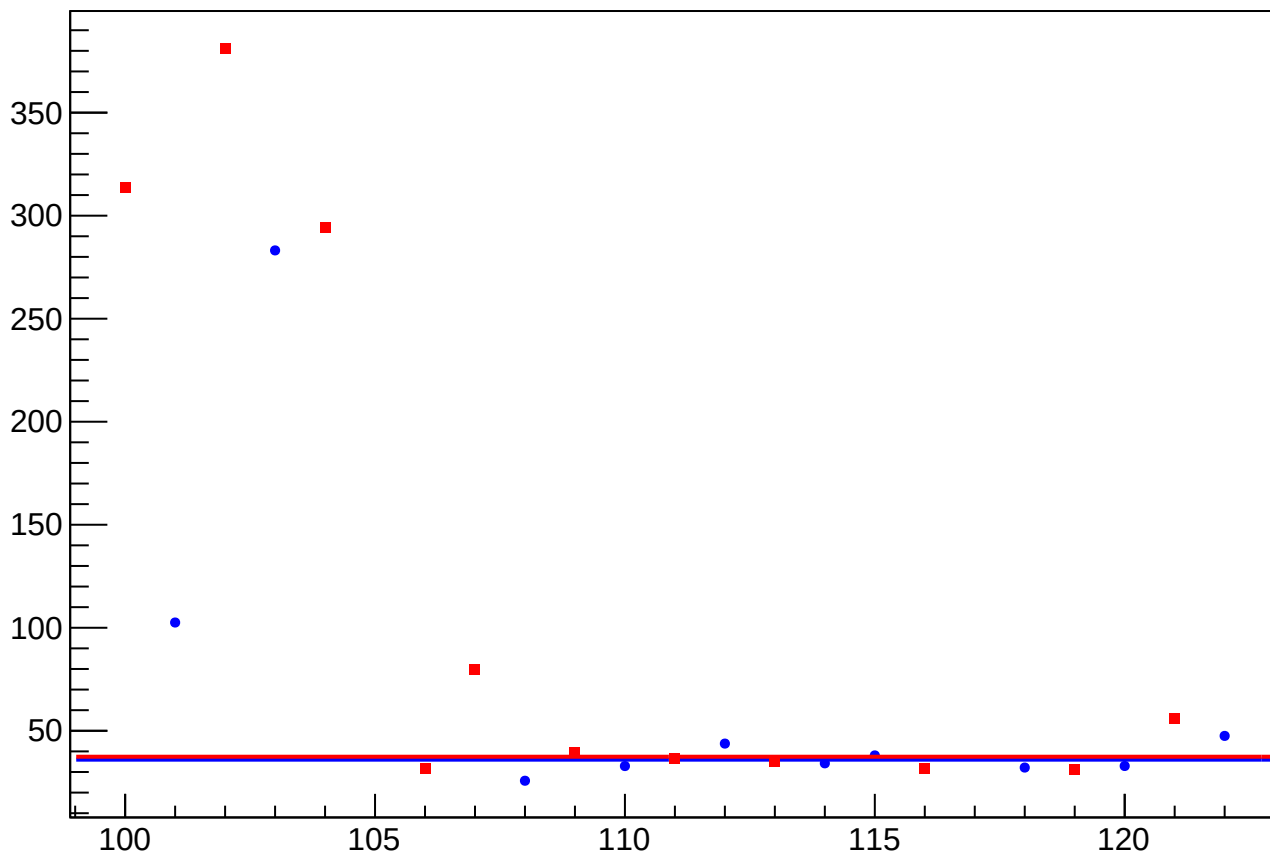
Right: 0.020+/-0.015 χ^2/NDF : 20.1/20

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 : 20.1/20

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: 37.413+/-0.015 χ^2/NDF : 1756861.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

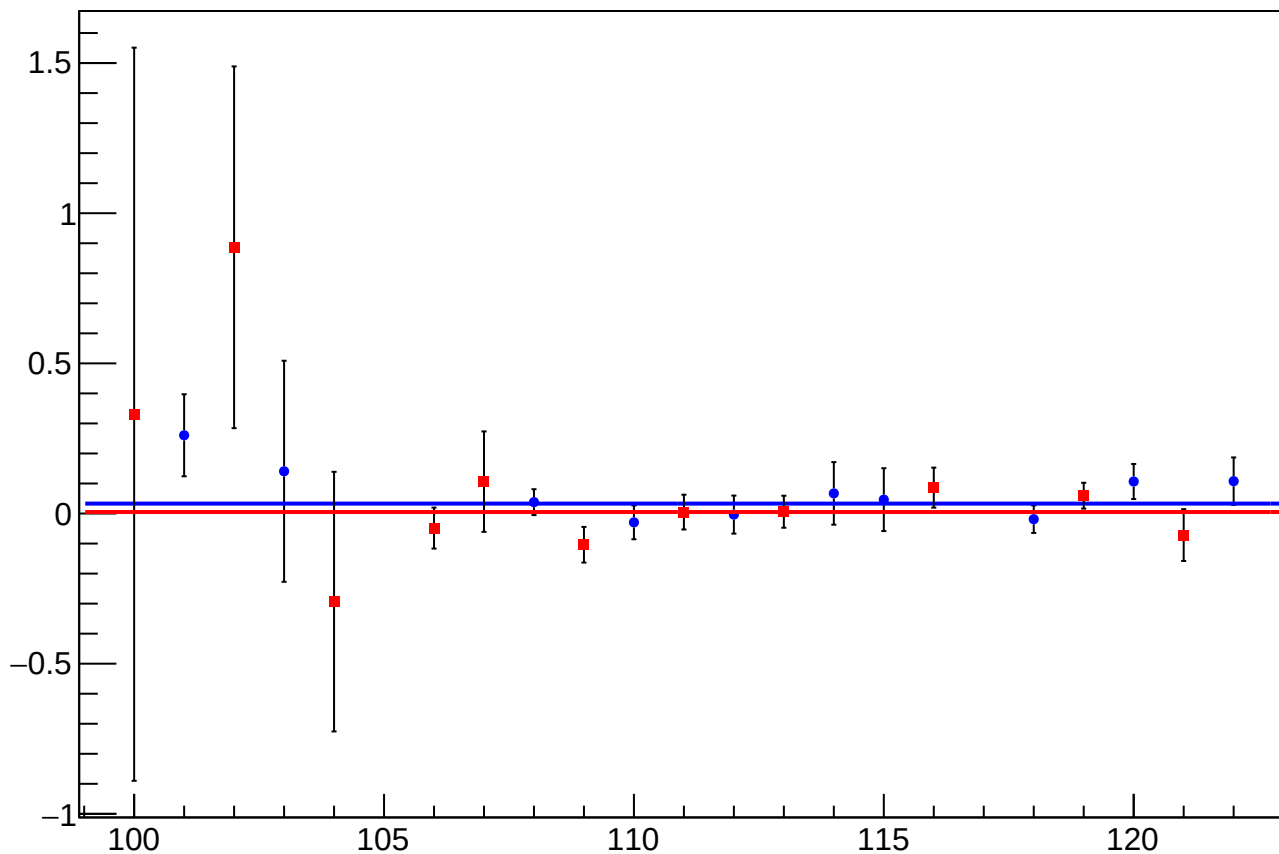
Right: 36.672+/-0.011 χ^2/NDF : 3350069.3/20

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.672+/-0.011 χ^2/NDF : 3350069.3/20

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 : 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

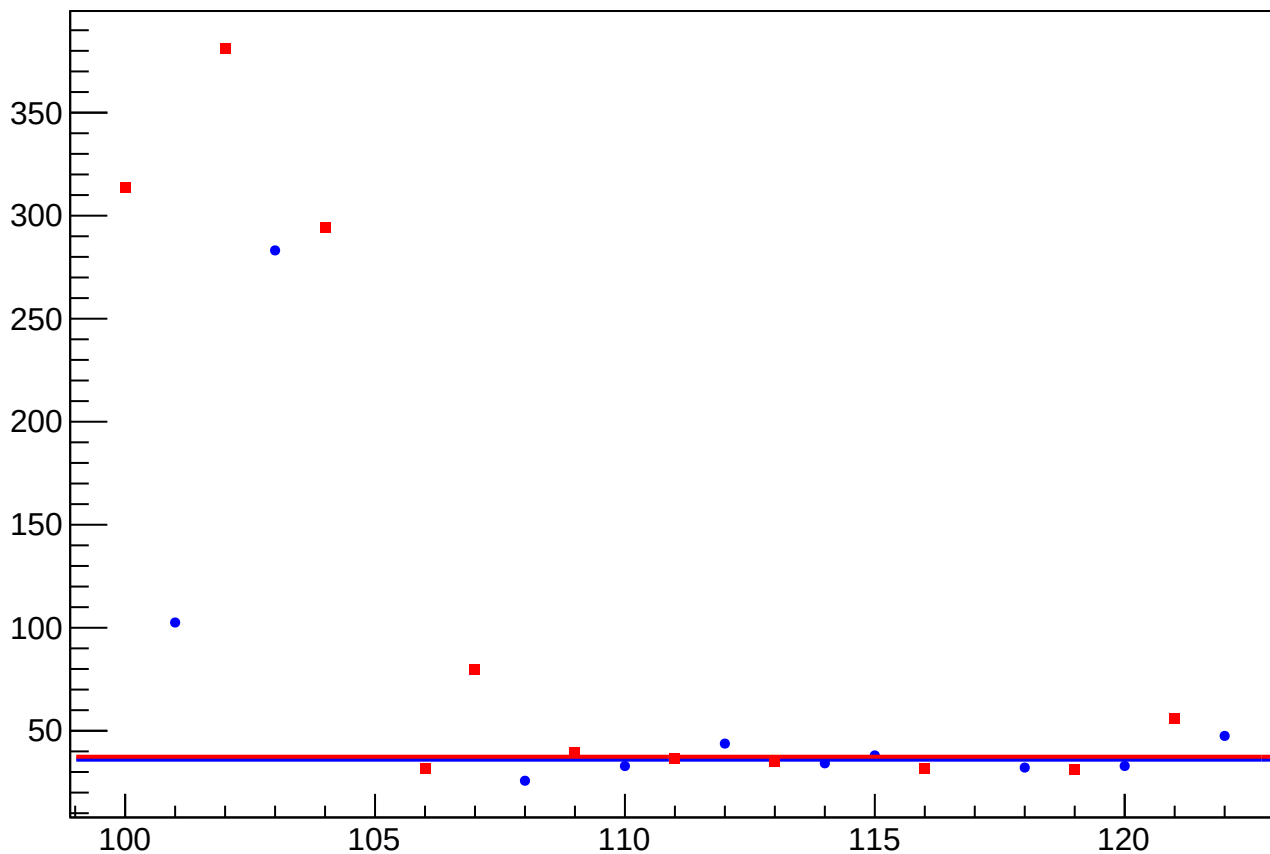
Right: 0.020+/-0.015 χ^2/NDF : 20.1/20

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 : 20.1/20

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: 37.413+/-0.015 χ^2/NDF : 1756861.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

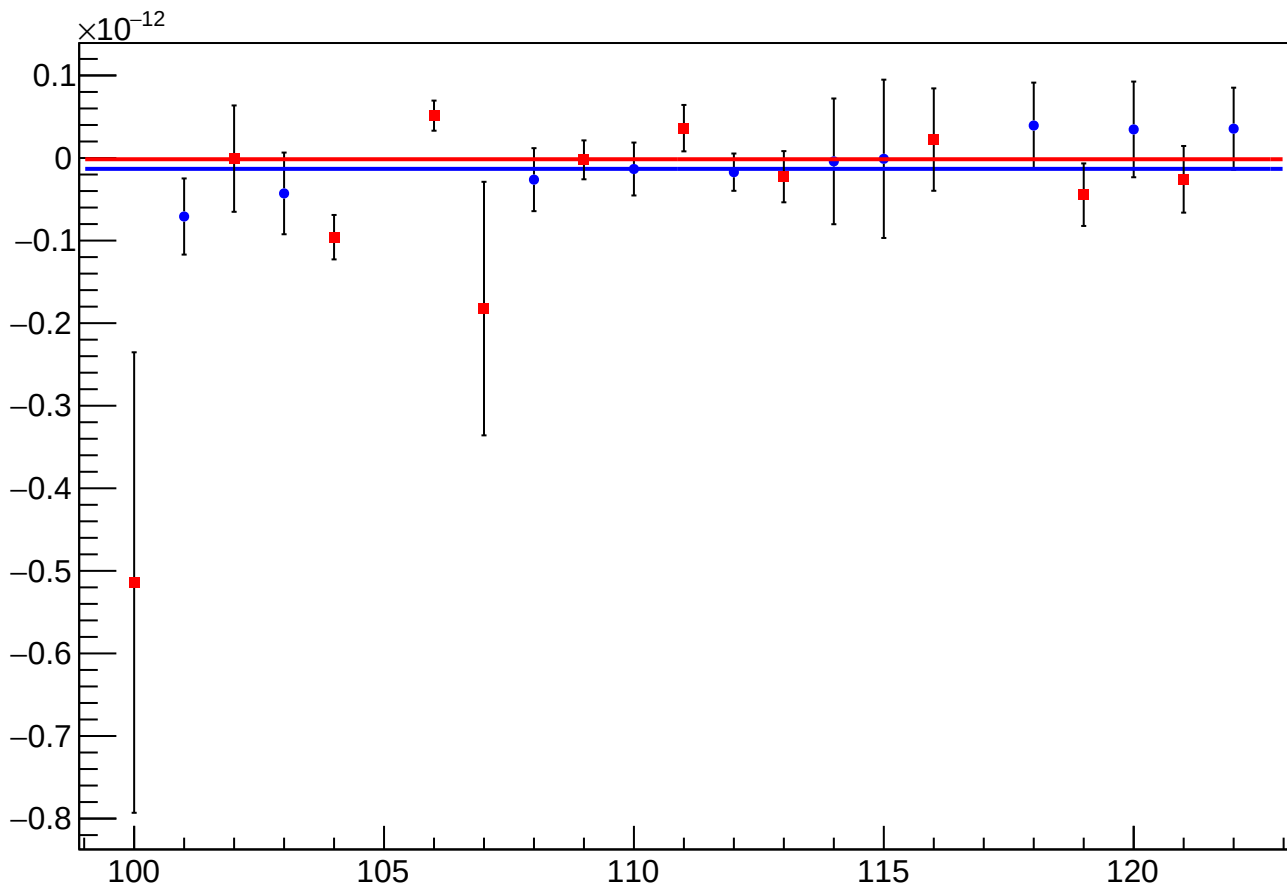
Right: 36.672+/-0.011 χ^2/NDF : 3350069.3/20

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.672+/-0.011 χ^2/NDF : 3350069.3/20

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 : 29.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

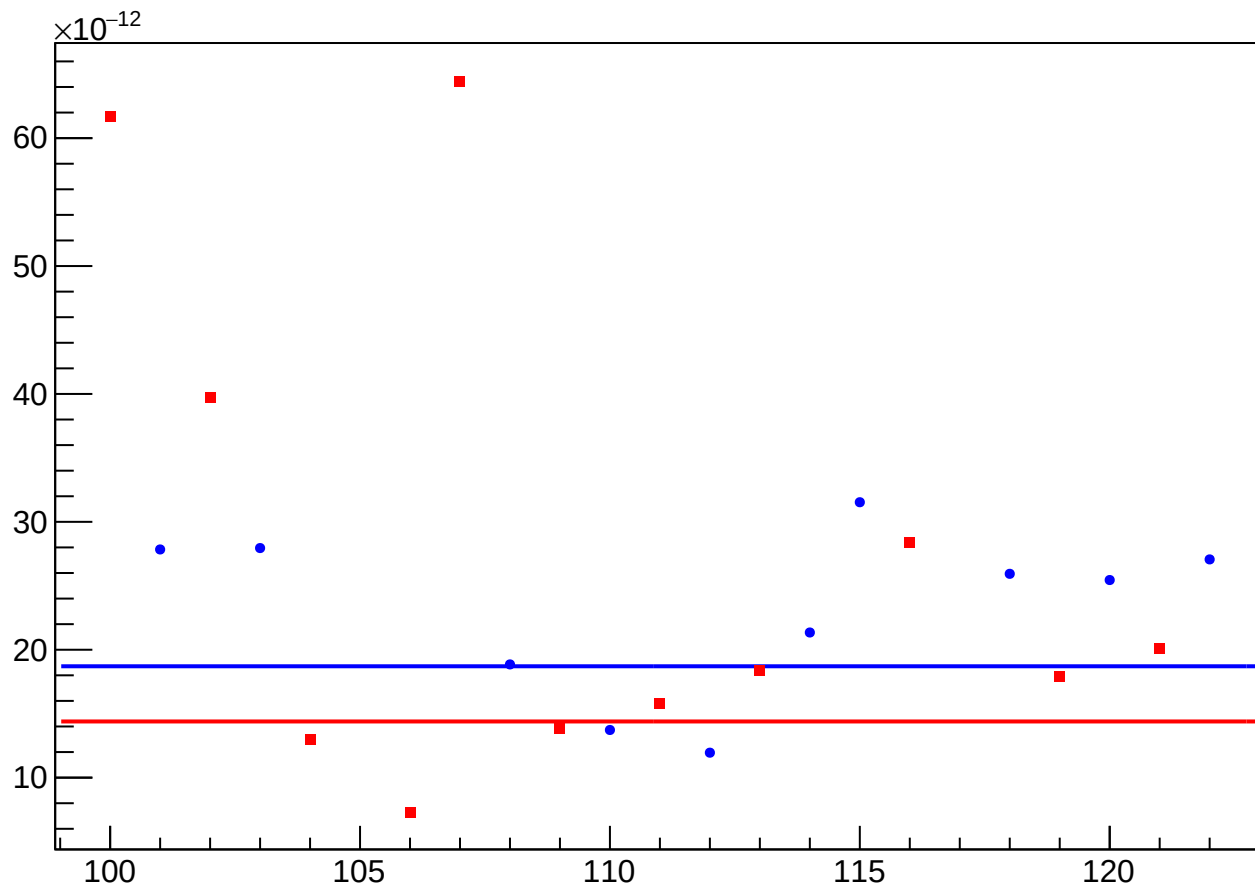
Right: -0.000+/-0.000 χ^2/NDF : 34.8/20

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 : 34.8/20

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 : 1089962.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

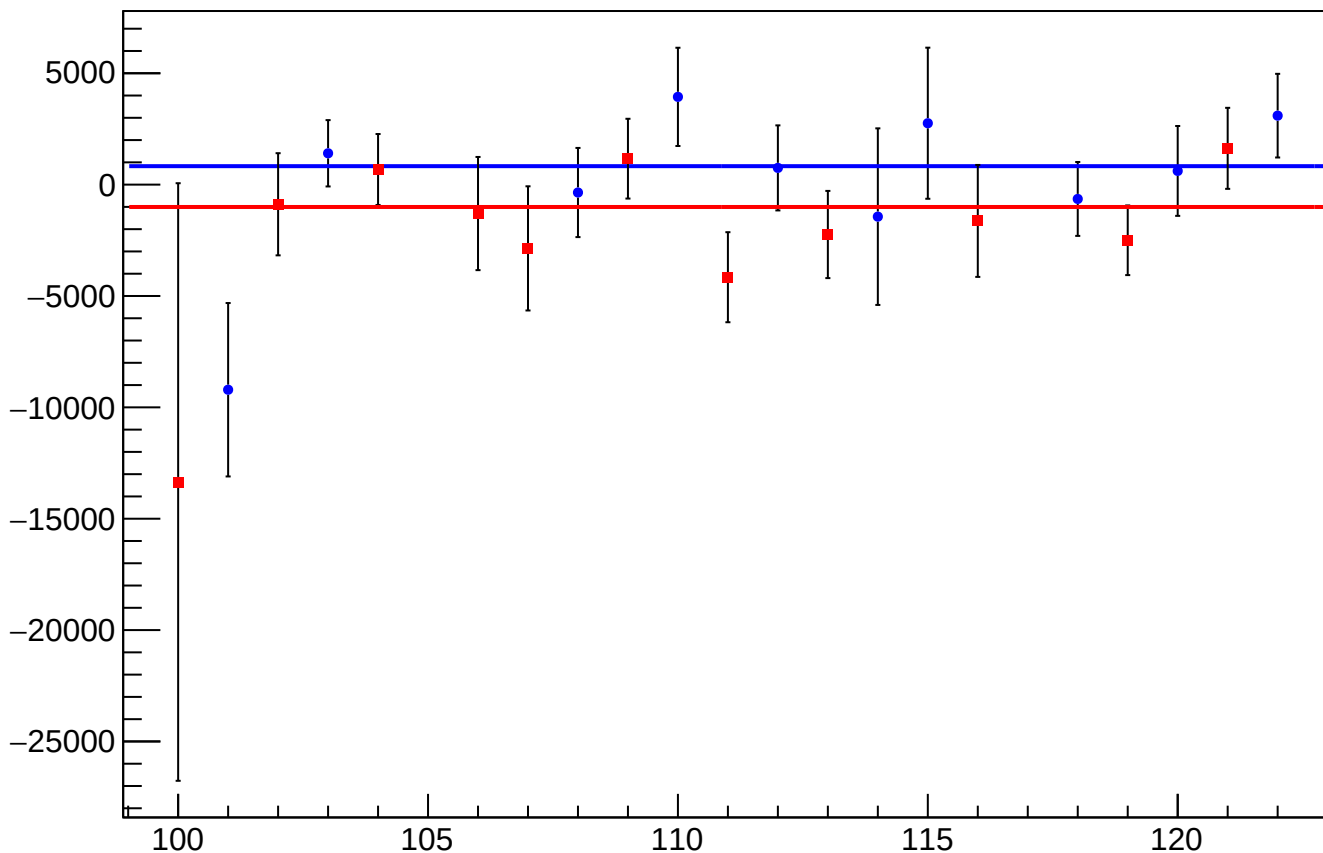
Right: 0.000+/-0.000 χ^2/NDF : 1765627.7/20

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 : 1765627.7/20

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: -1003.835+/-624.921 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

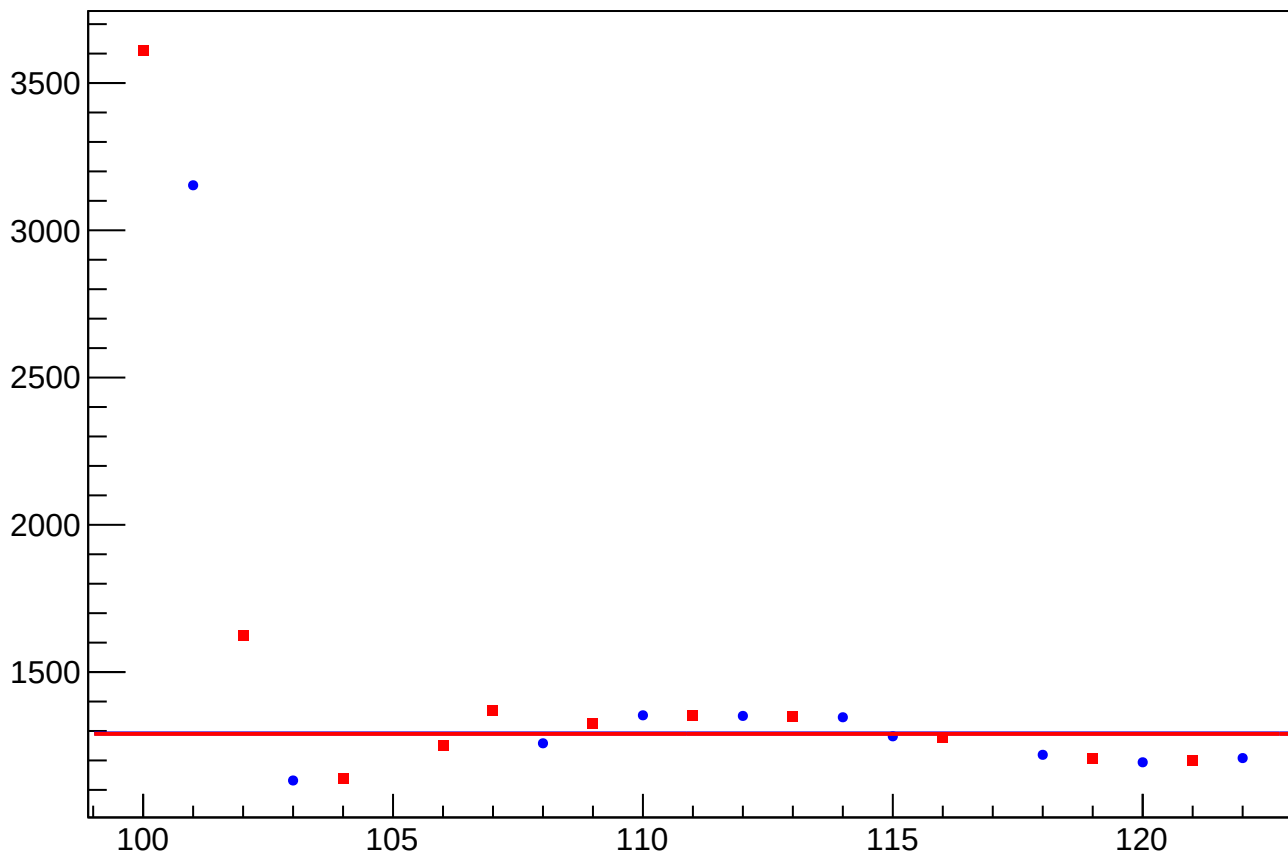
Right: -138.839+/-454.072 χ^2/NDF : 25.9/20

In: 828.625+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.839+/-454.072 χ^2/NDF : 25.9/20

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: 1290.234+/-0.442 χ^2/NDF : 137036.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

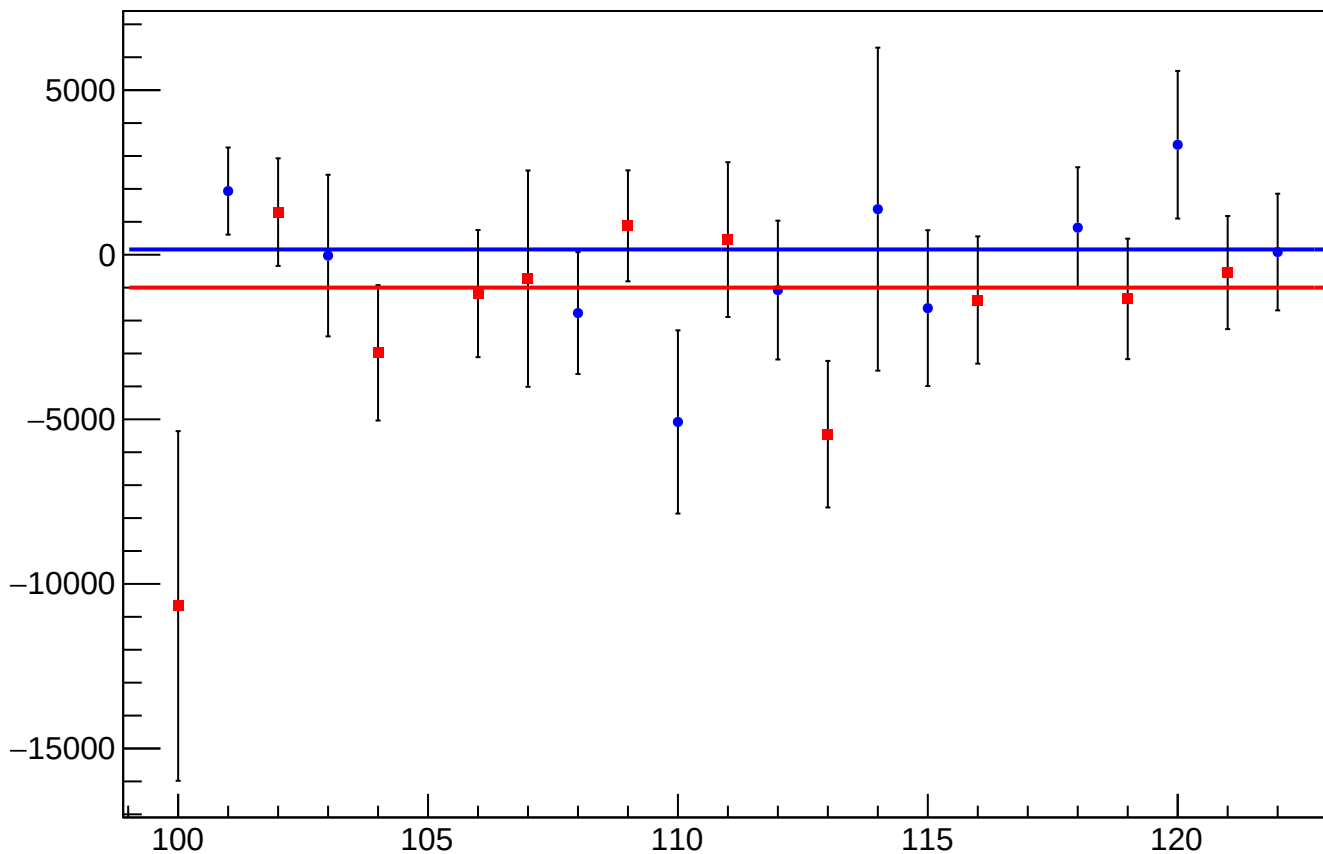
Right: 1290.893+/-0.321 χ^2/NDF : 634137.5/20

In: 1291.630+/-0.467 χ^2/NDF : 497096.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.893+/-0.321 χ^2/NDF : 634137.5/20

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: -998.415+/-614.768 χ^2/NDF : 12.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

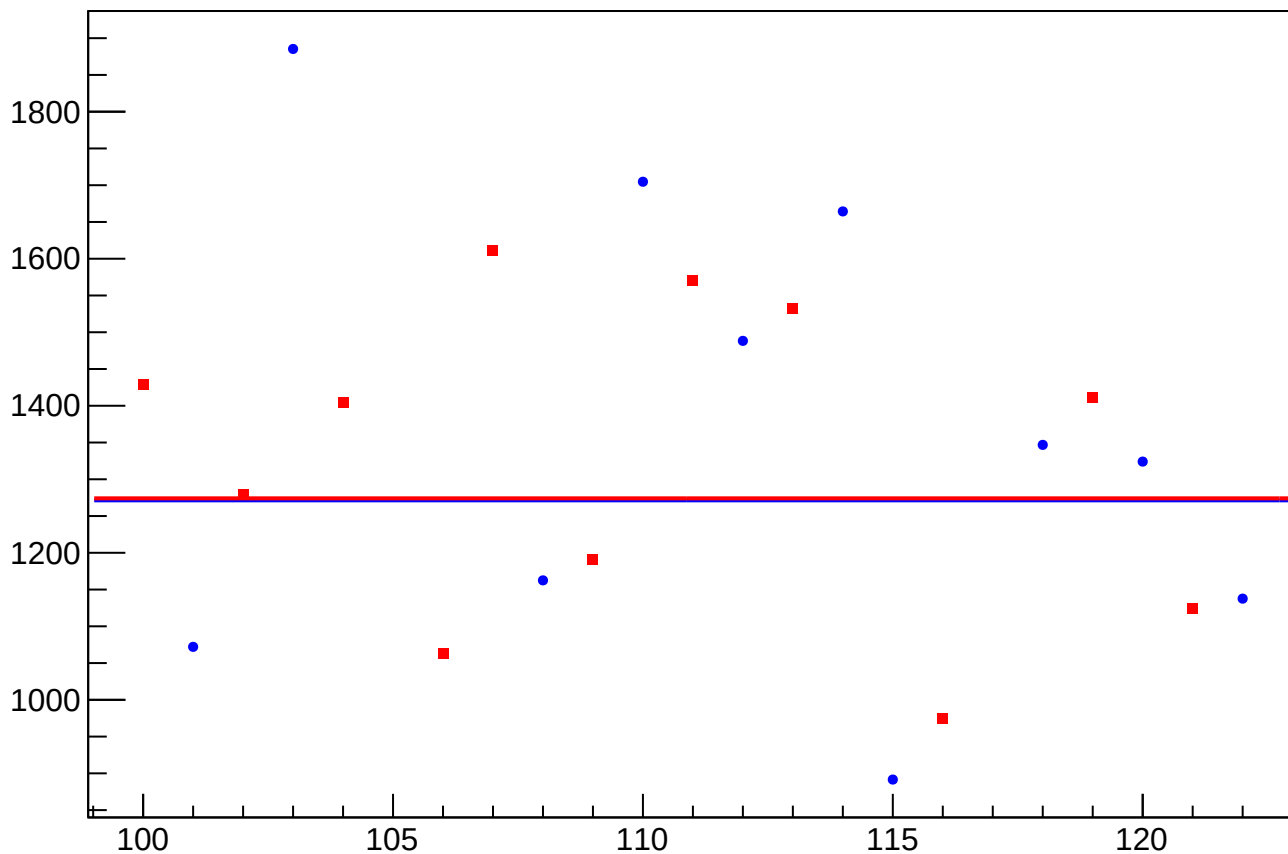
Right: -445.144+/-444.445 χ^2/NDF : 23.2/20

In: 160.636+/-643.280 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -445.144+/-444.445 χ^2/NDF : 23.2/20

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: 1274.073+/-0.435 χ^2/NDF : 192449.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

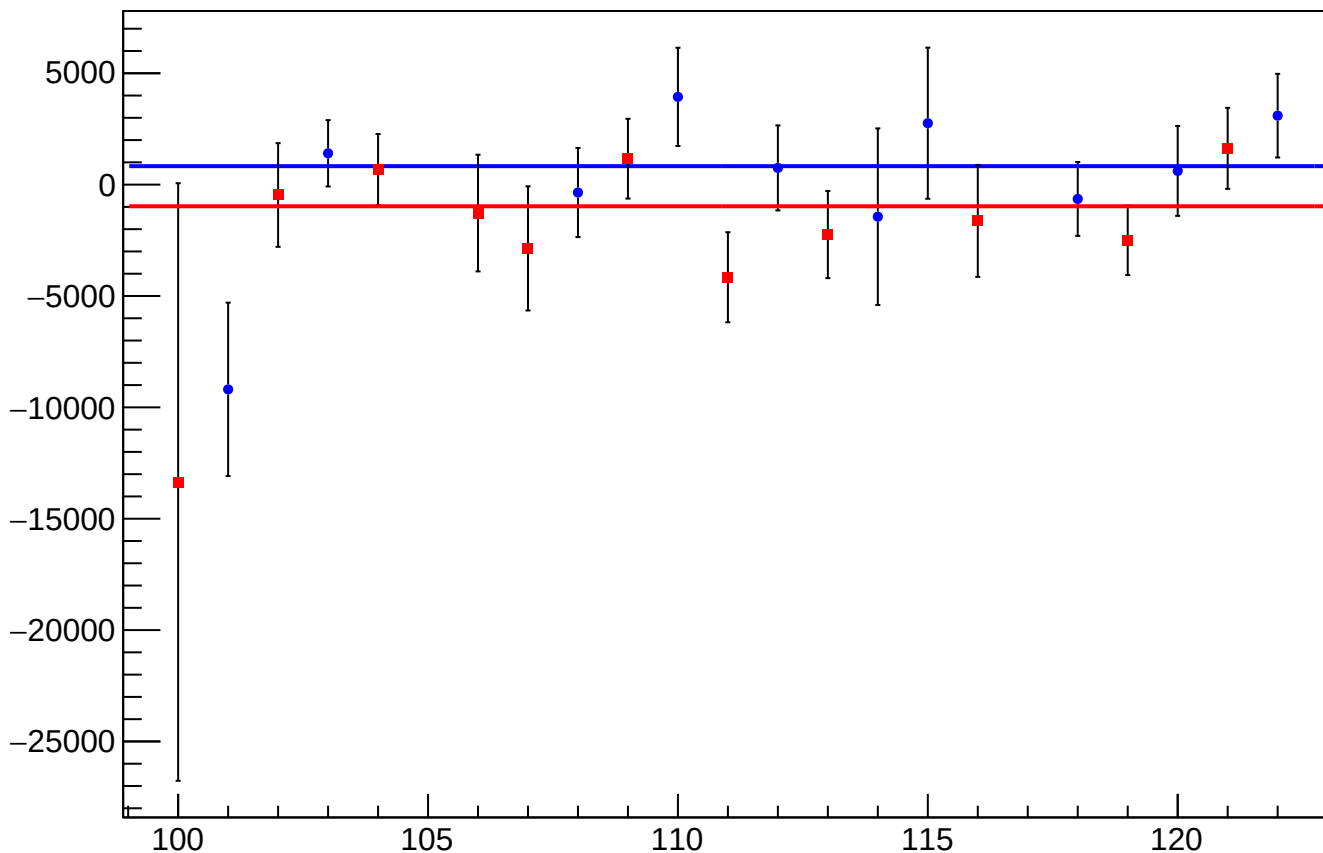
Right: 1272.776+/-0.314 χ^2/NDF : 519735.7/20

In: 1271.356+/-0.455 χ^2/NDF : 327267.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.776+/-0.314 χ^2/NDF : 519735.7/20

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: -971.807+/-626.721 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

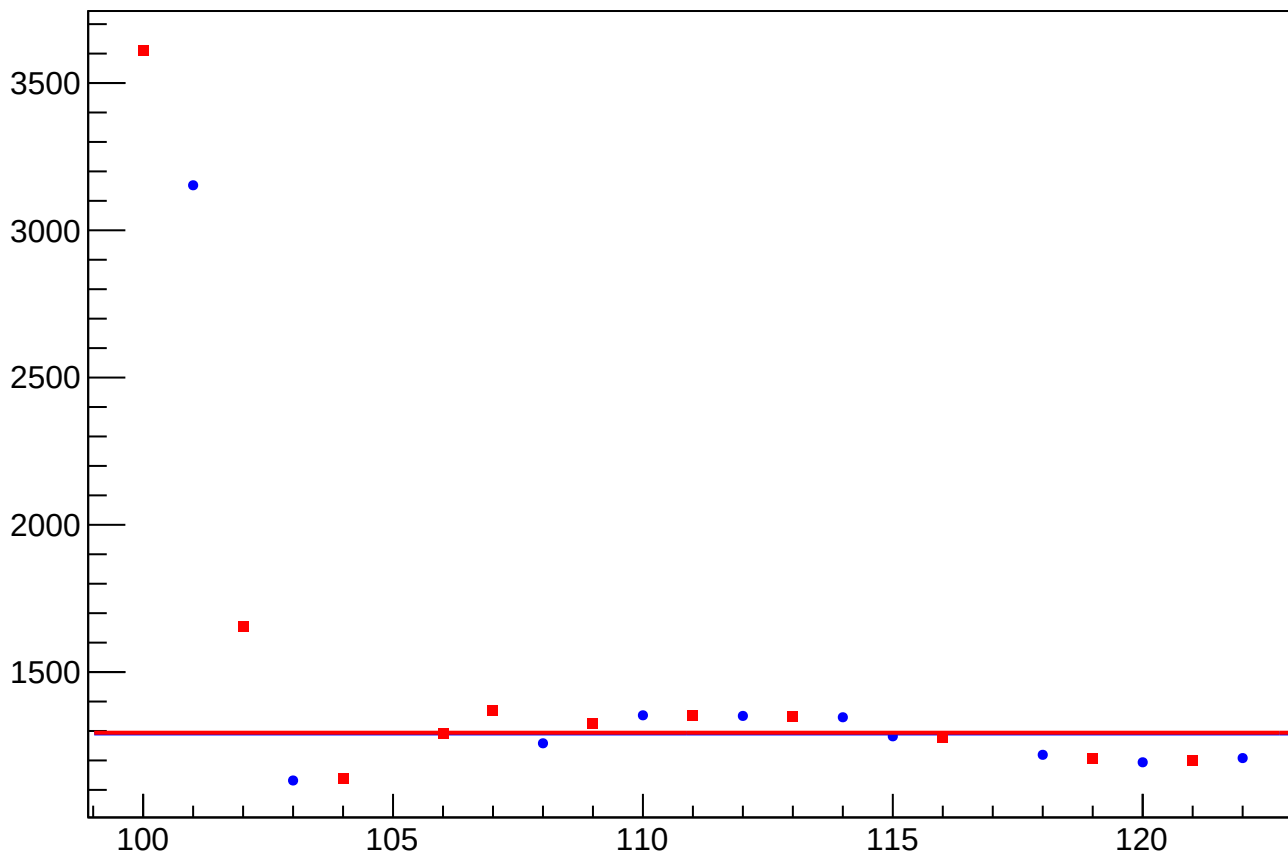
Right: -119.100+/-454.762 χ^2/NDF : 25.8/20

In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.100+/-454.762 χ^2/NDF : 25.8/20

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: 1294.161+/-0.443 χ^2/NDF : 143346.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

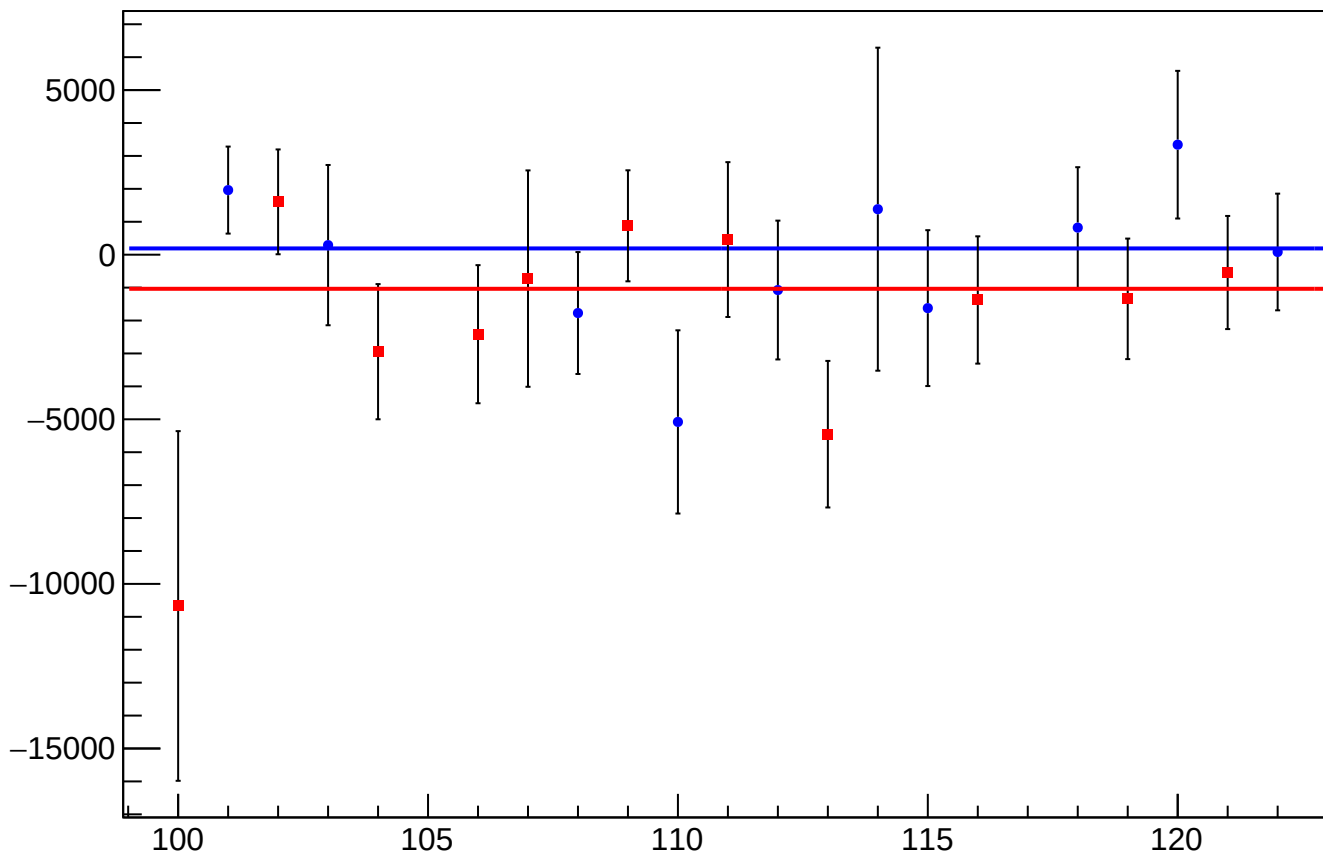
Right: 1292.963+/-0.322 χ^2/NDF : 640459.6/20

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.963+/-0.322 χ^2/NDF : 640459.6/20

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: -1035.991+/-617.100 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

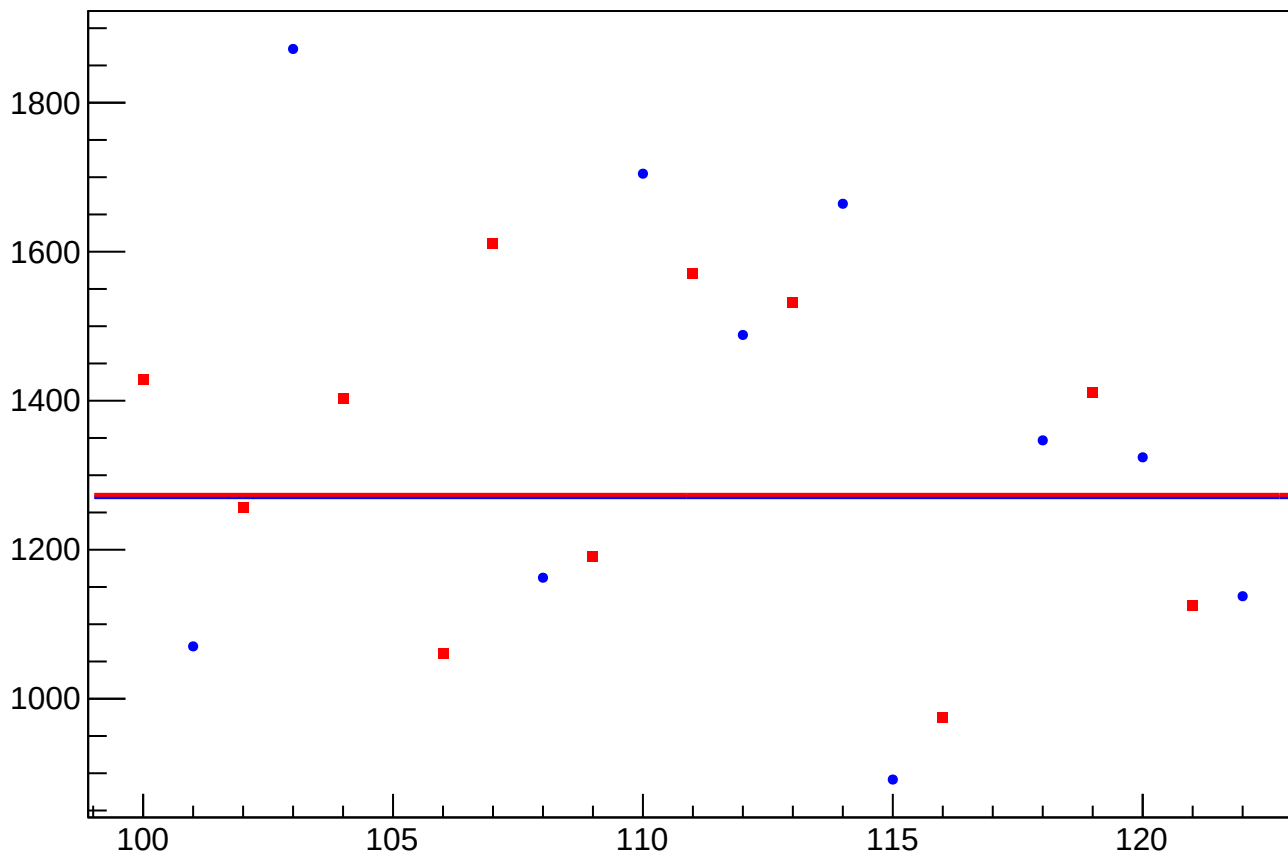
Right: -447.735+/-445.122 χ^2/NDF : 24.6/20

In: 190.284+/-642.672 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -447.735+/-445.122 χ^2/NDF : 24.6/20

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: 1273.713+/-0.436 χ^2/NDF : 189301.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

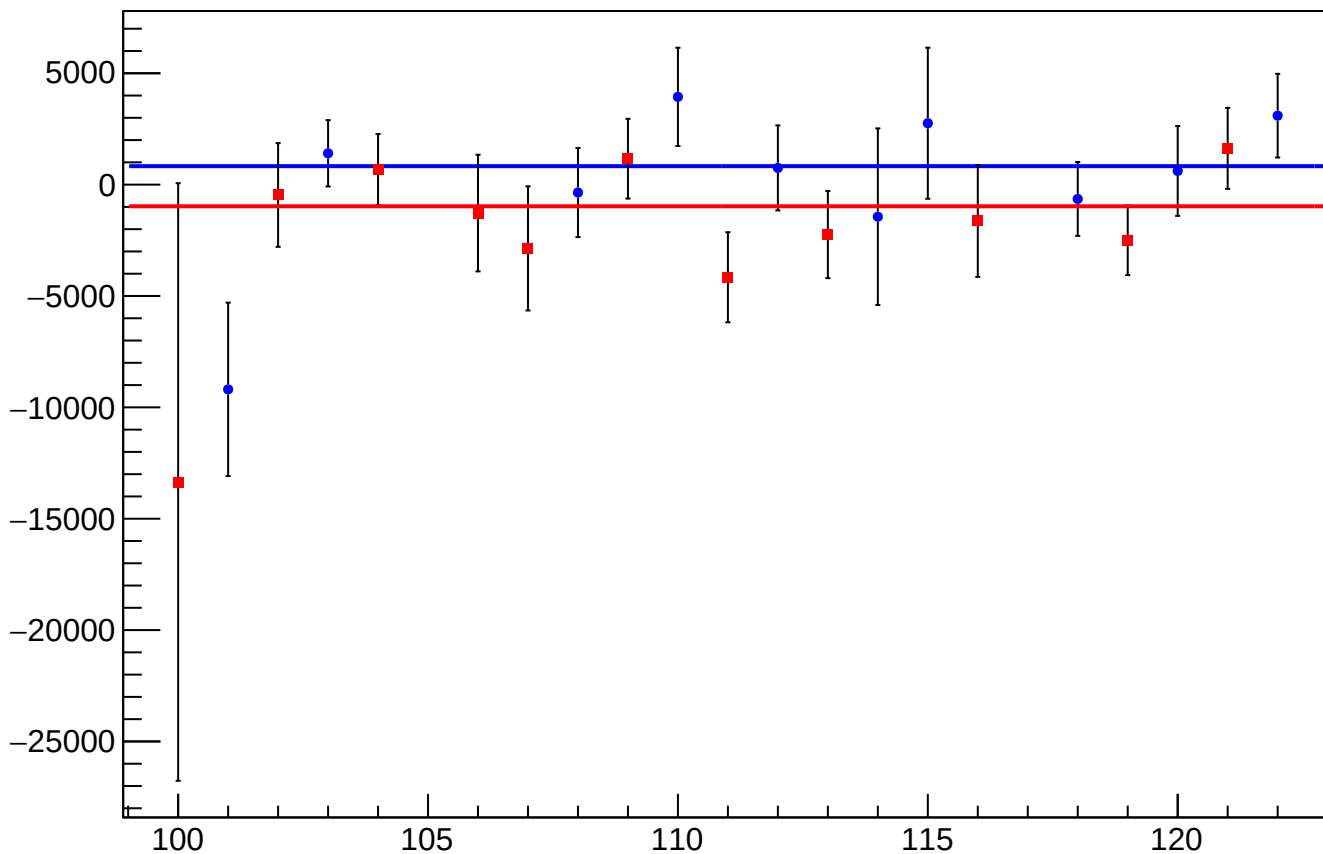
Right: 1272.203+/-0.315 χ^2/NDF : 514218.0/20

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.203+/-0.315 χ^2/NDF : 514218.0/20

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: -971.807+/-626.721 χ^2/NDF : 9.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

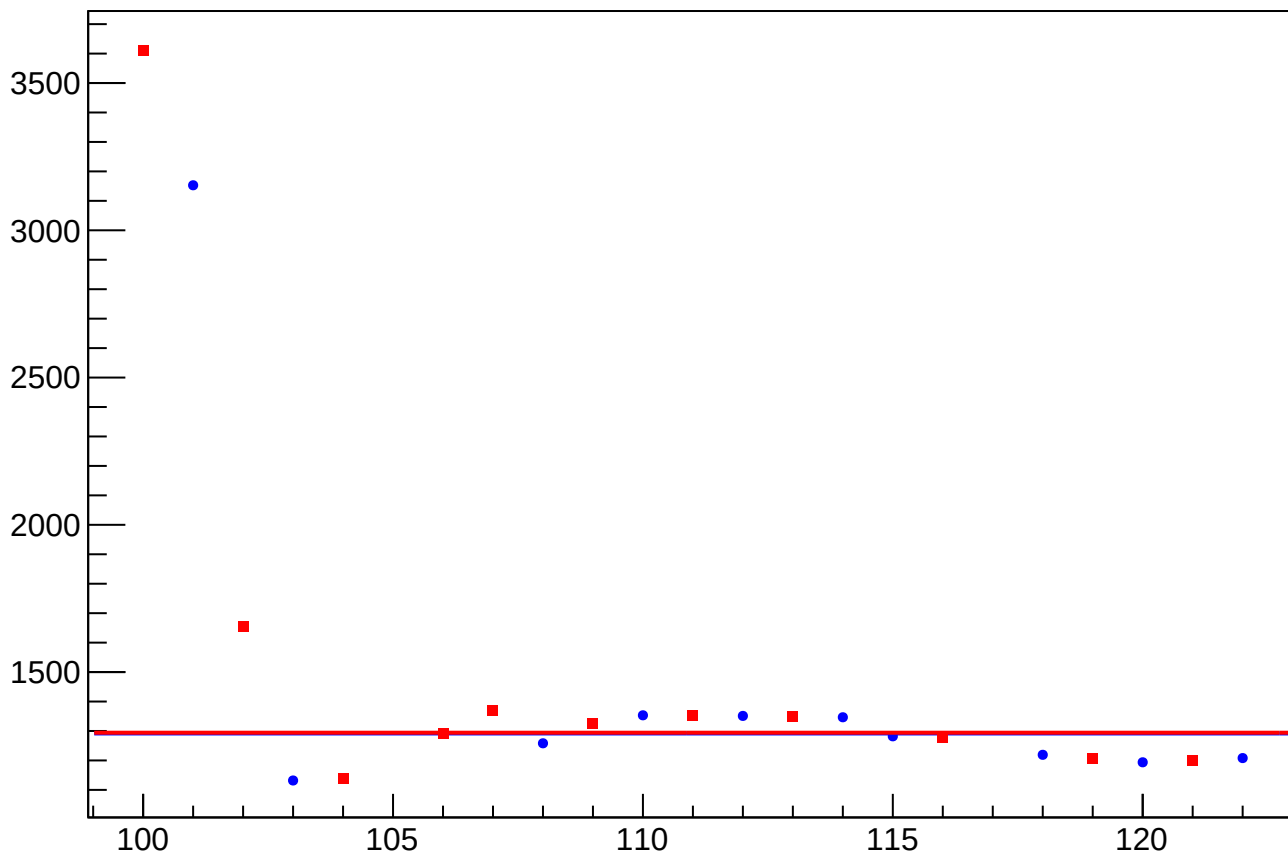
Right: -119.100+/-454.762 χ^2/NDF : 25.8/20

In: 829.147+/-660.899 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -119.100+/-454.762 χ^2/NDF : 25.8/20

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: 1294.161+/-0.443 χ^2/NDF : 143346.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

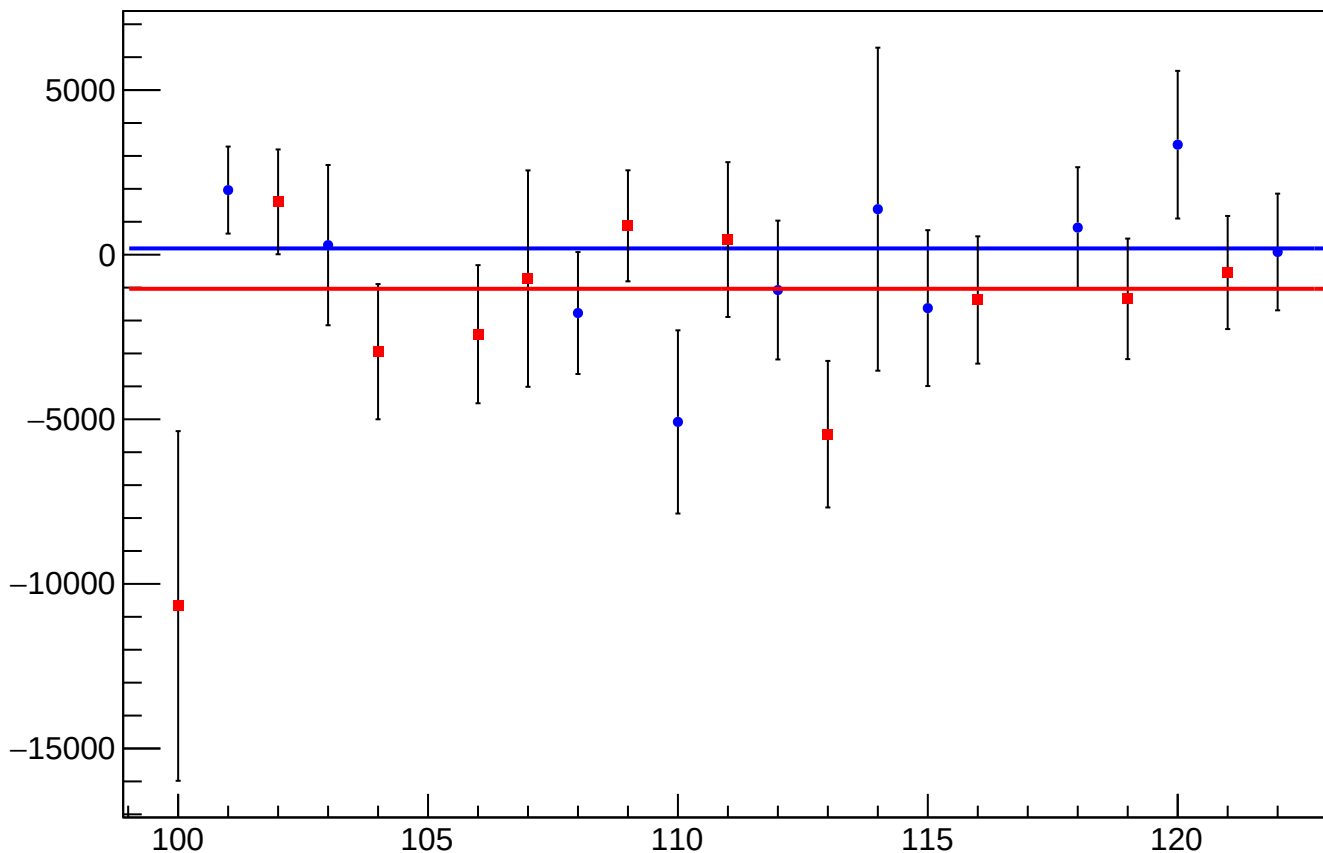
Right: 1292.963+/-0.322 χ^2/NDF : 640459.6/20

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.963+/-0.322 χ^2/NDF : 640459.6/20

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: -1035.991 ± 617.100 χ^2/NDF : 13.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

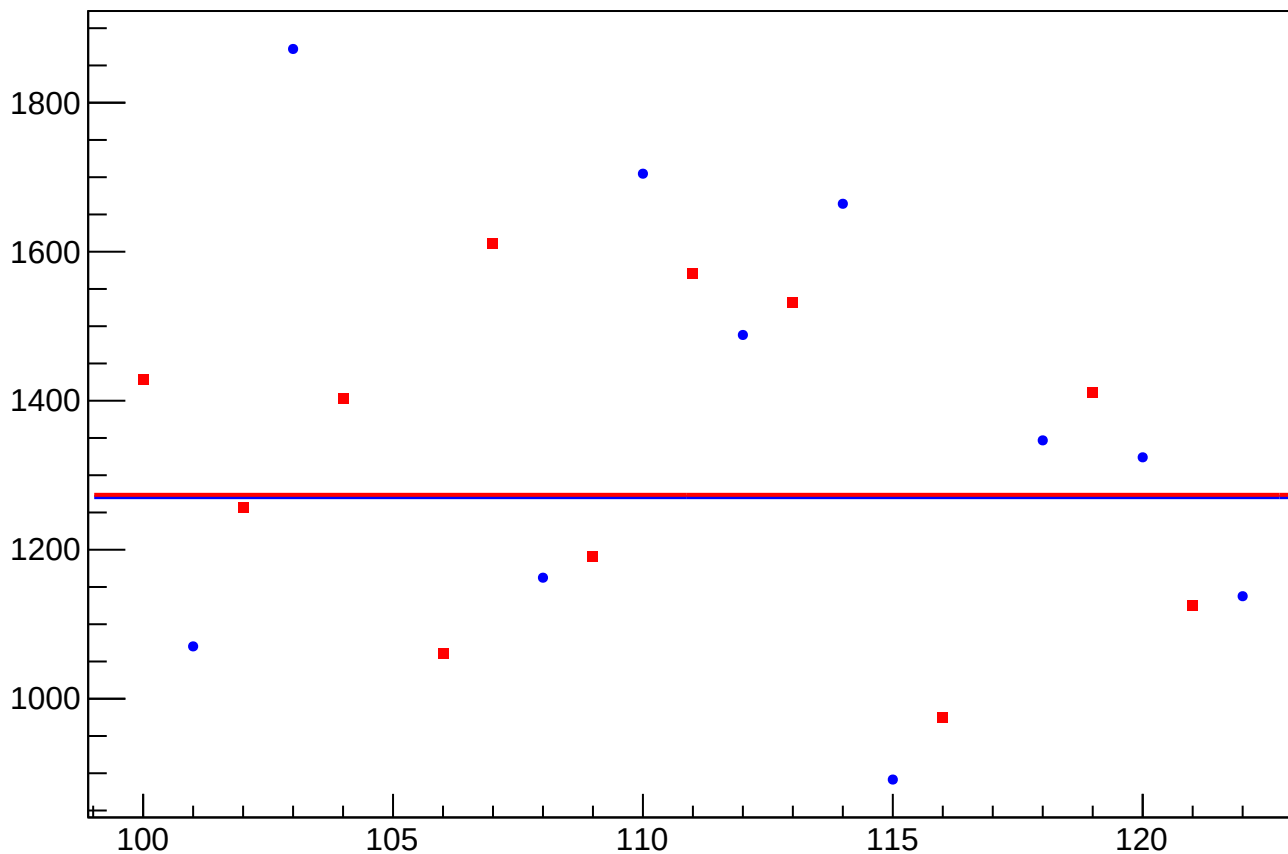
Right: -447.735 ± 445.122 χ^2/NDF : 24.6/20

In: 190.284 ± 642.672 χ^2/NDF : 9.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -447.735 ± 445.122 χ^2/NDF : 24.6/20

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: 1273.713+/-0.436 χ^2/NDF : 189301.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

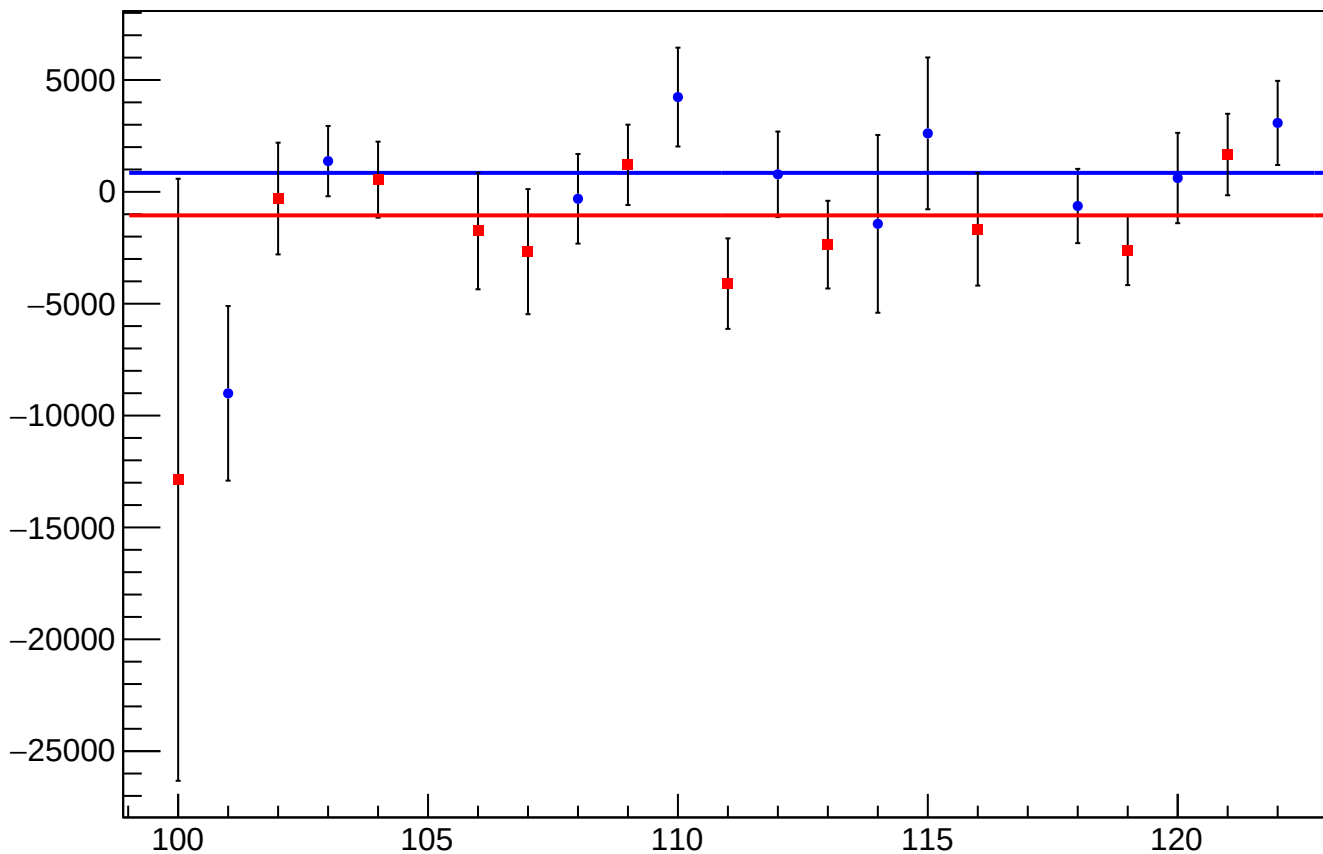
Right: 1272.203+/-0.315 χ^2/NDF : 514218.0/20

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.203+/-0.315 χ^2/NDF : 514218.0/20

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: -1050.738+/-636.192 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

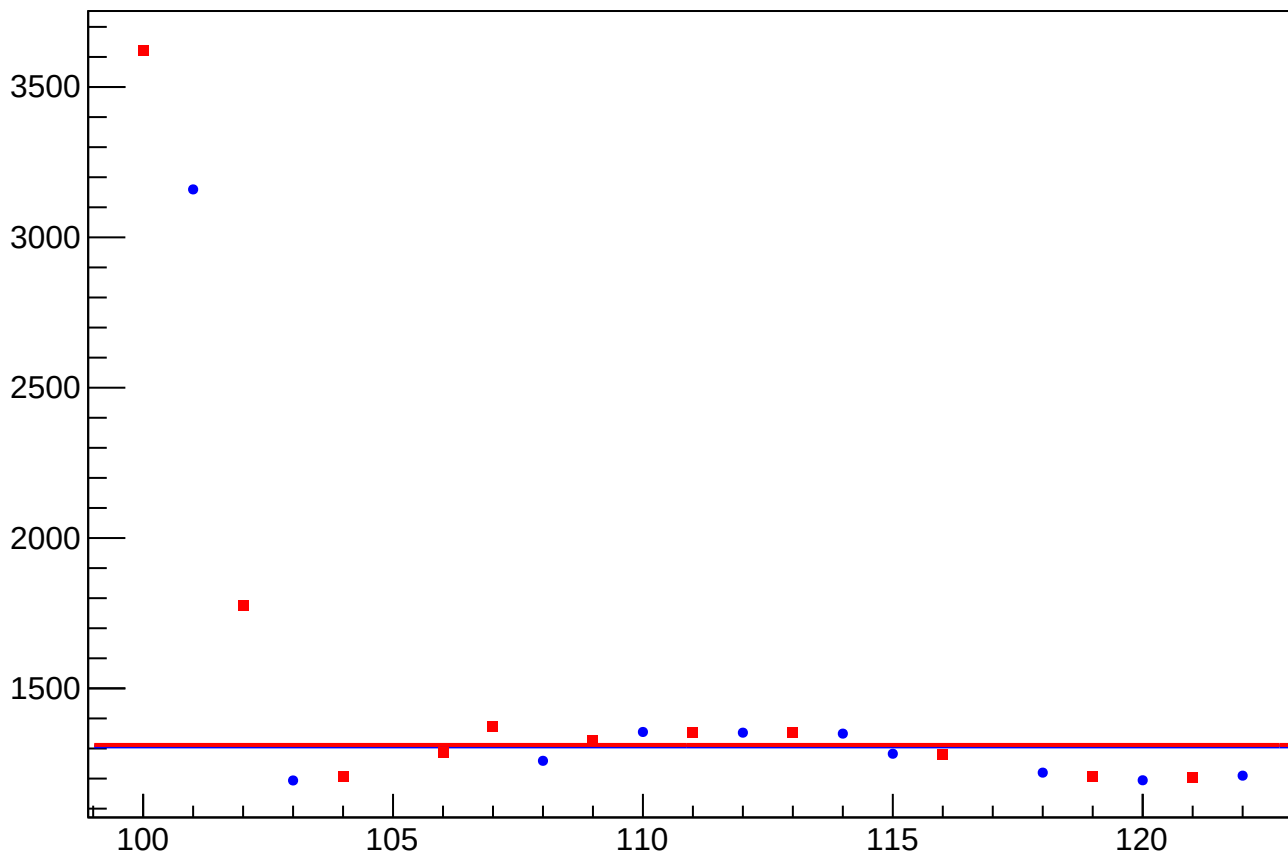
Right: -147.642+/-460.737 χ^2/NDF : 26.0/20

In: 848.444+/-668.144 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.642+/-460.737 χ^2/NDF : 26.0/20

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: 1311.908+/-0.450 χ^2/NDF : 154938.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

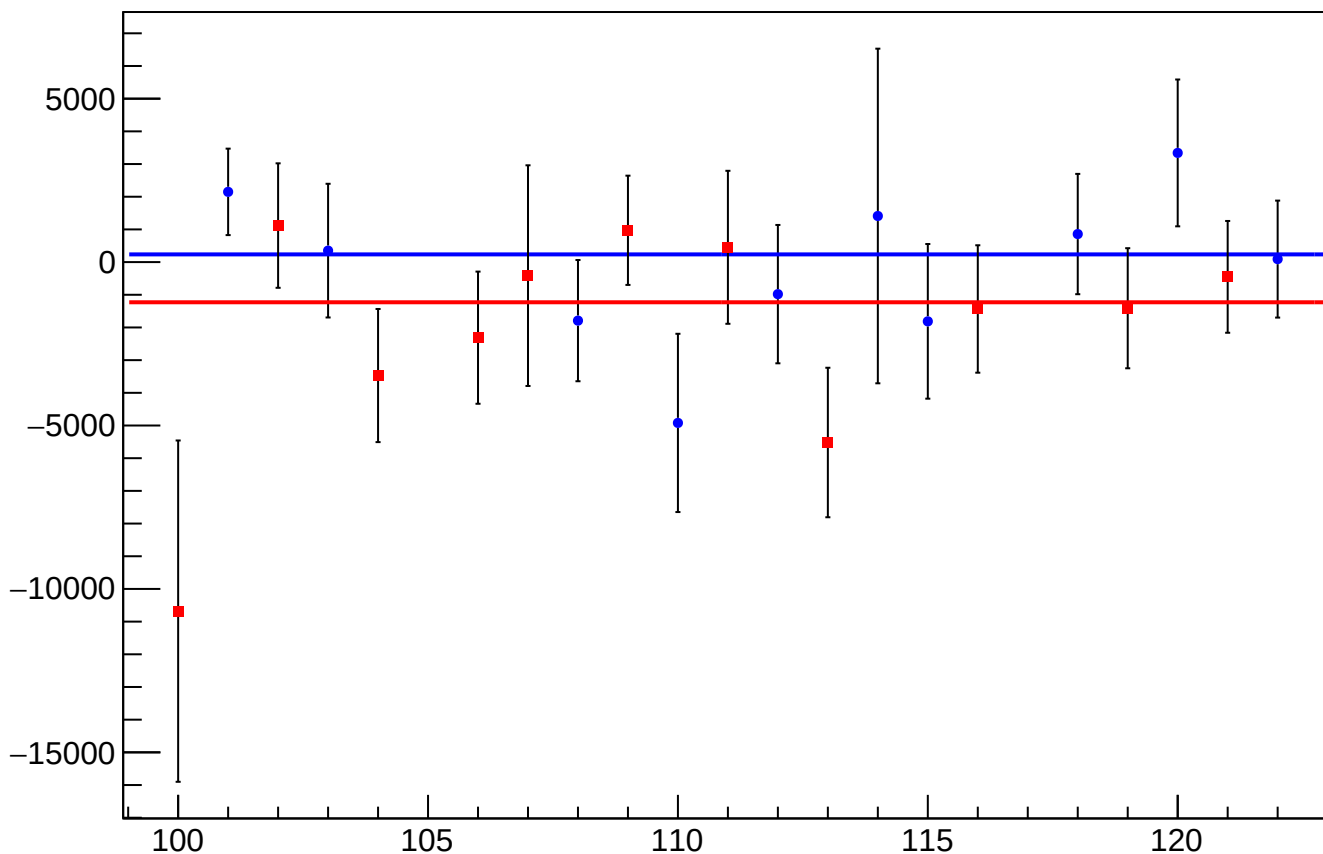
Right: 1309.573+/-0.326 χ^2/NDF : 636989.8/20

In: 1306.999+/-0.472 χ^2/NDF : 481994.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.573+/-0.326 χ^2/NDF : 636989.8/20

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 235.627 $\pm$ 634.794 χ^2 /NDF: 10.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1229.462 $\pm$ 630.065 χ^2 /NDF: 12.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

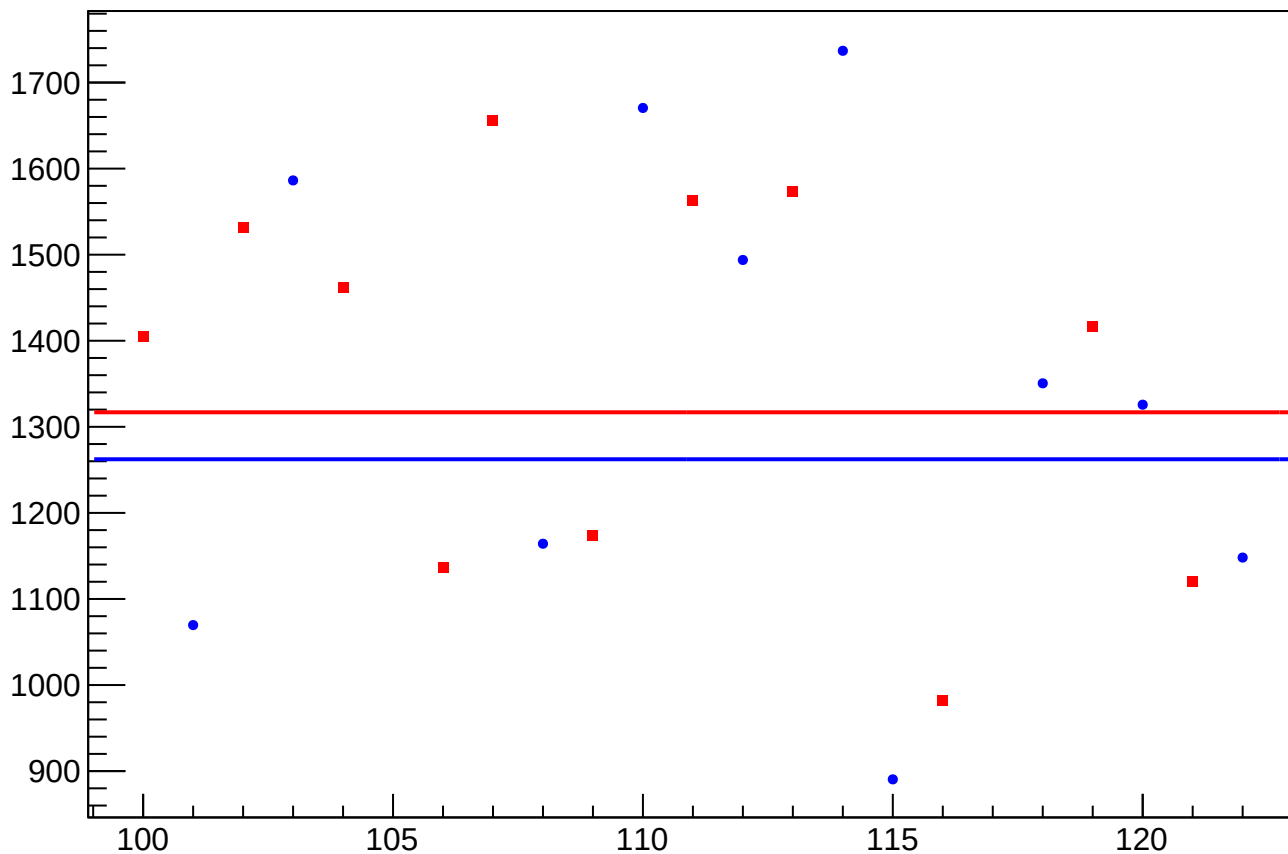
Right: -502.395 $\pm$ 447.186 χ^2 /NDF: 25.1/20

In: 235.627 $\pm$ 634.794 χ^2 /NDF:10.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -502.395 $\pm$ 447.186 χ^2 /NDF: 25.1/20

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: 1316.879+/-0.446 χ^2/NDF : 225387.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

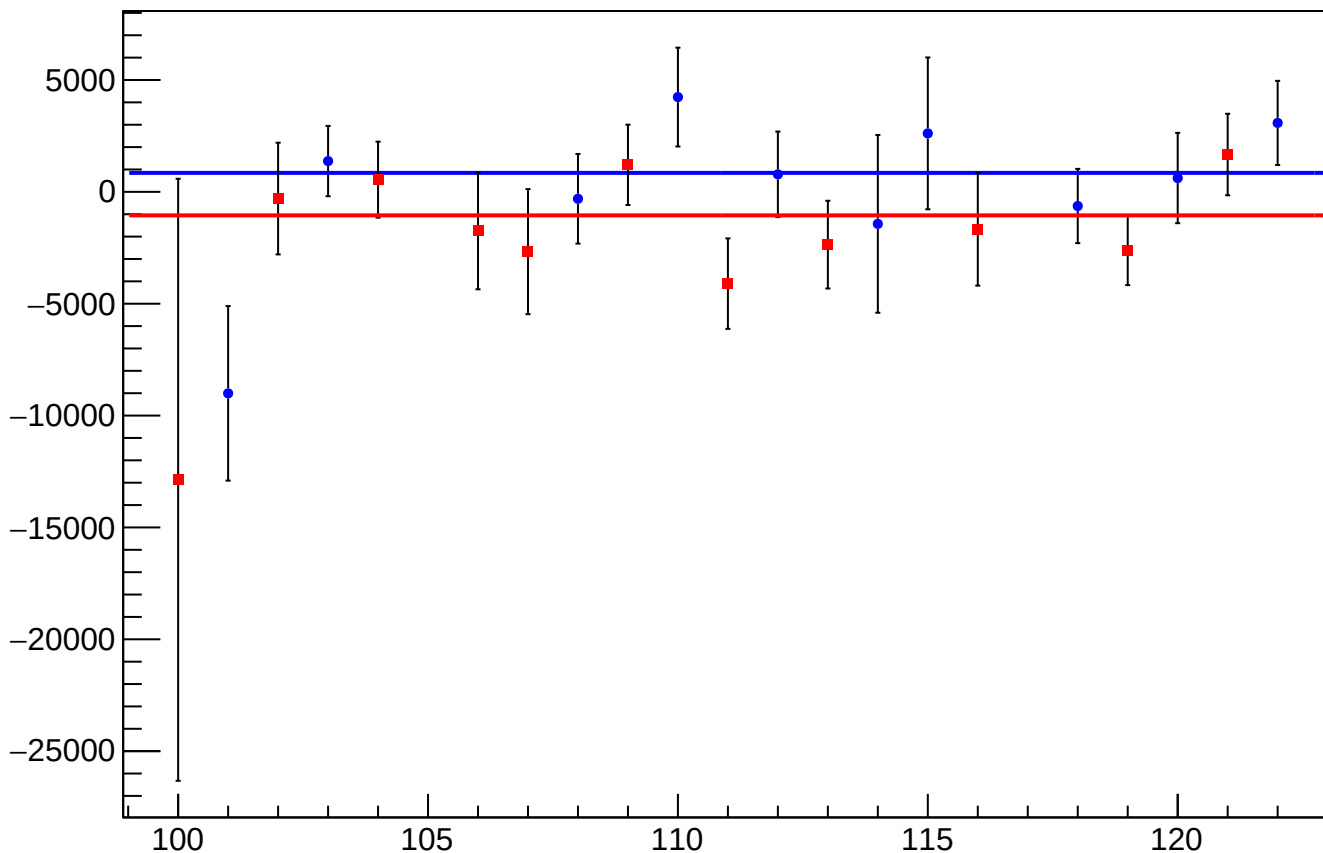
Right: 1289.799+/-0.316 χ^2/NDF : 480718.4/20

In: 1262.311+/-0.449 χ^2/NDF : 247885.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.799+/-0.316 χ^2/NDF : 480718.4/20

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: -1050.739+/-636.192 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

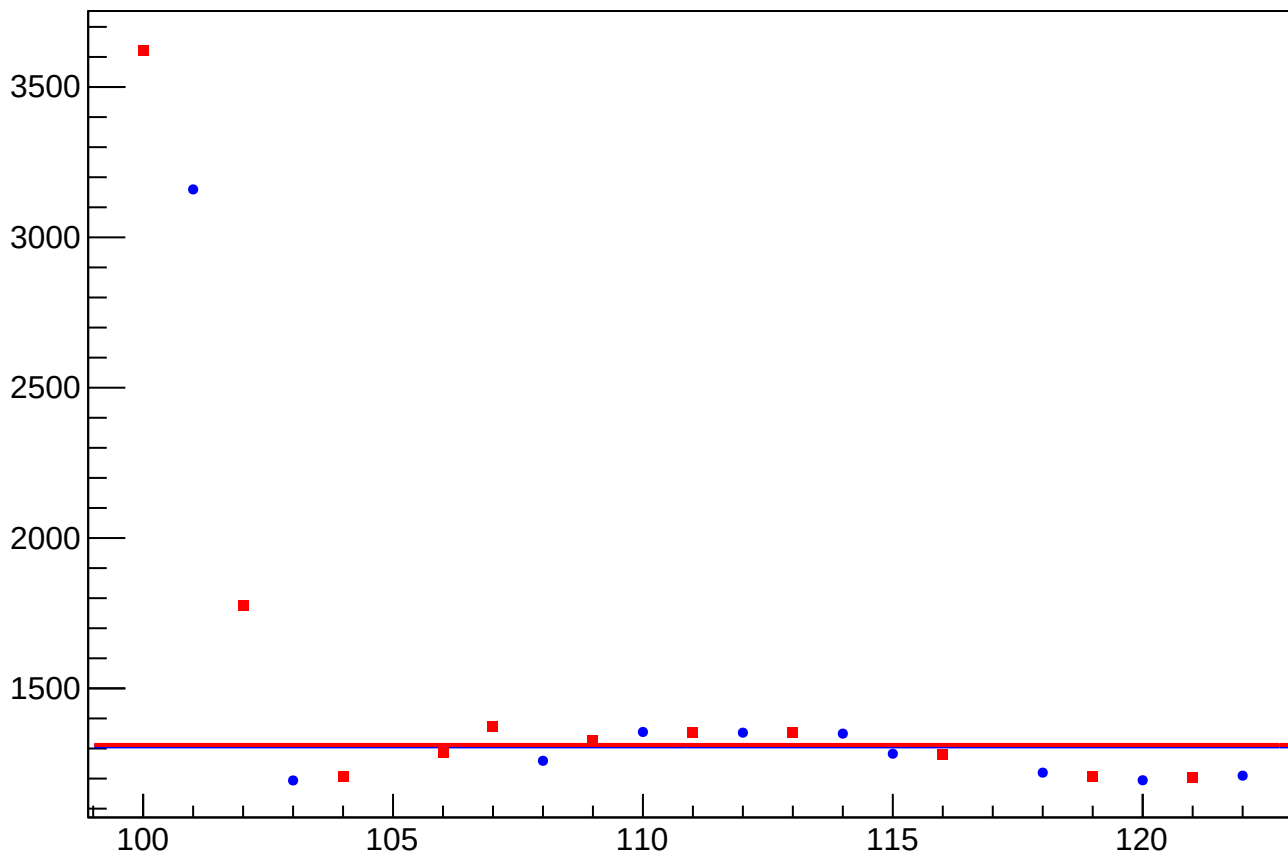
Right: -147.645+/-460.737 χ^2/NDF : 26.0/20

In: 848.440+/-668.144 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.645+/-460.737 χ^2/NDF : 26.0/20

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: 1311.907+/-0.450 χ^2/NDF : 154938.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

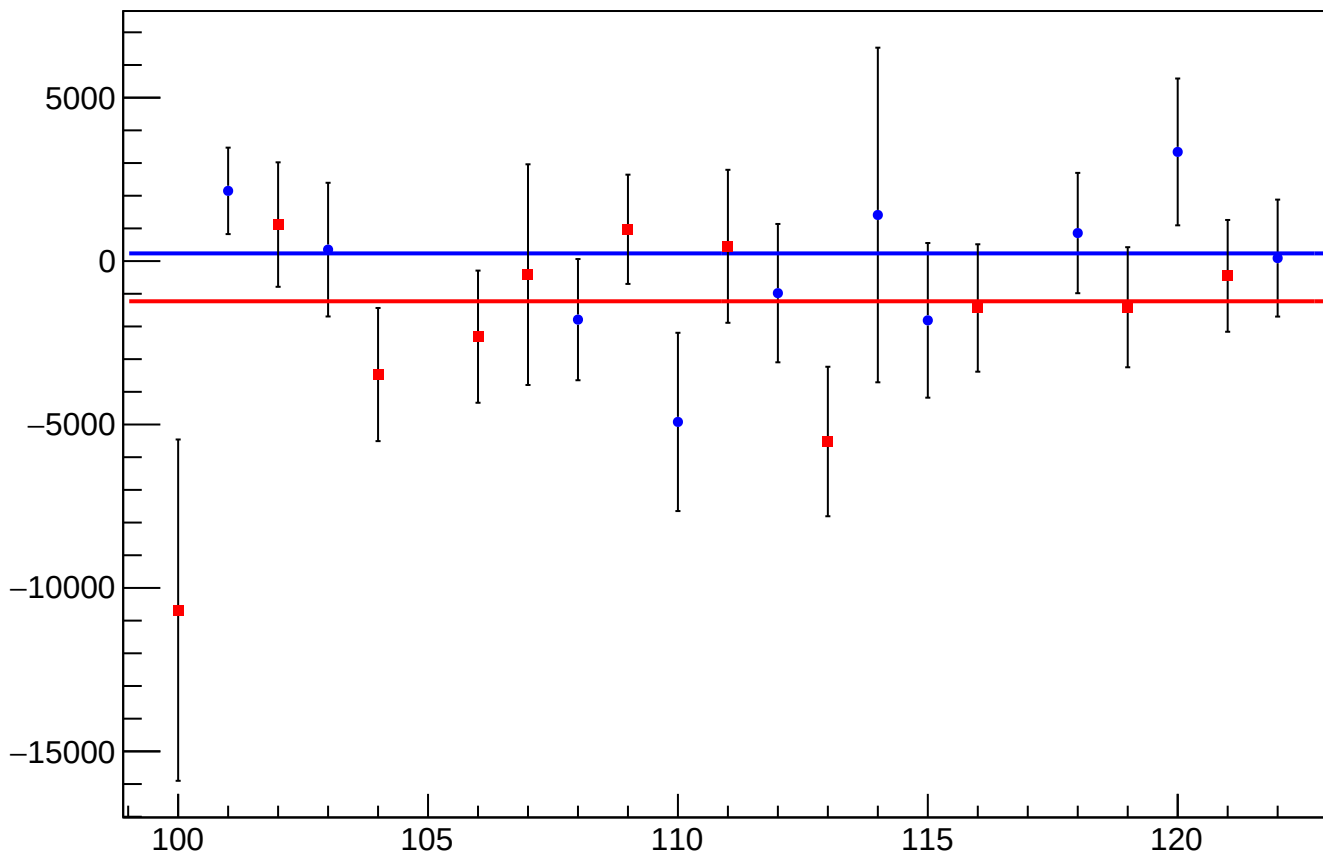
Right: 1309.573+/-0.326 χ^2/NDF : 636989.8/20

In: 1306.999+/-0.472 χ^2/NDF : 481994.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.573+/-0.326 χ^2/NDF : 636989.8/20

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: -1229.464+/-630.065 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

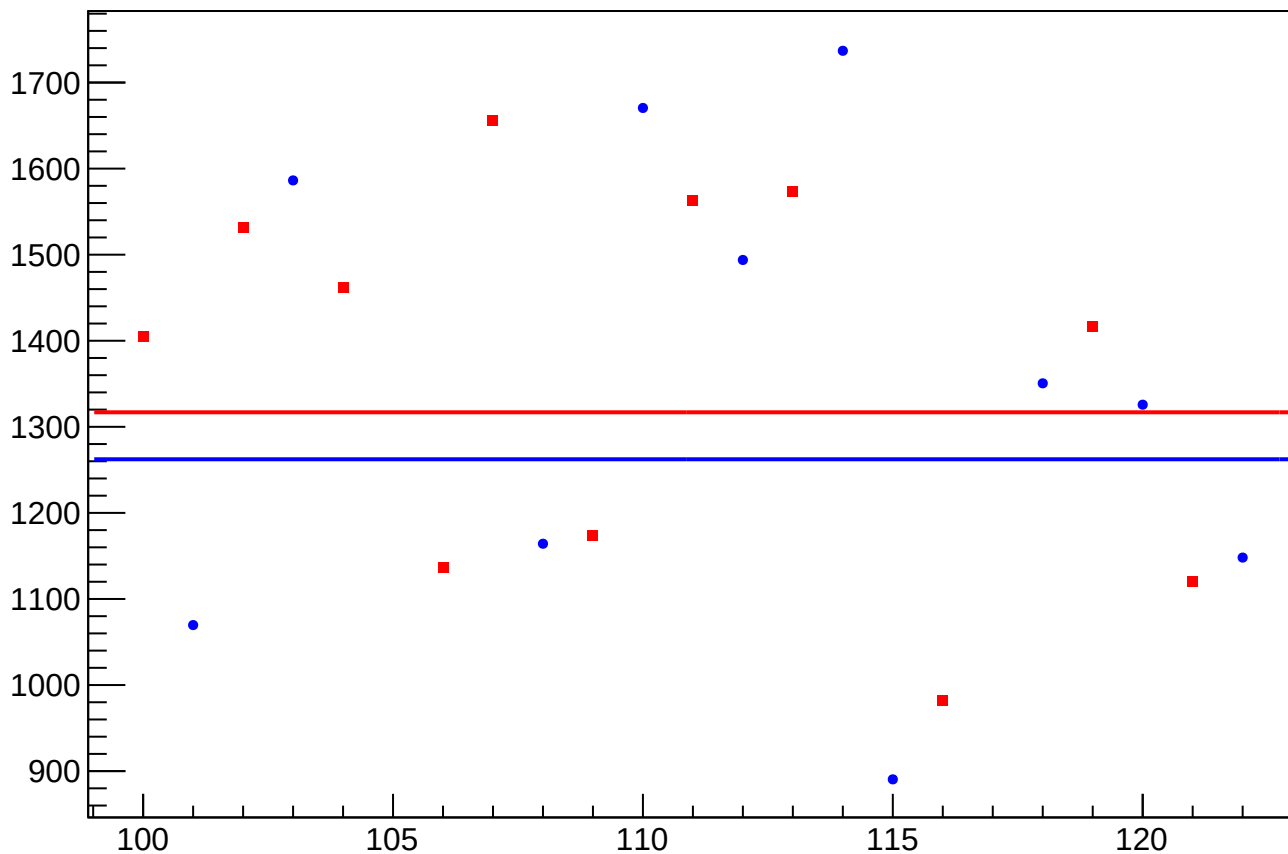
Right: -502.394+/-447.185 χ^2/NDF : 25.1/20

In: 235.626+/-634.792 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.394+/-447.185 χ^2/NDF : 25.1/20

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: 1316.879+/-0.446 χ^2/NDF : 225388.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

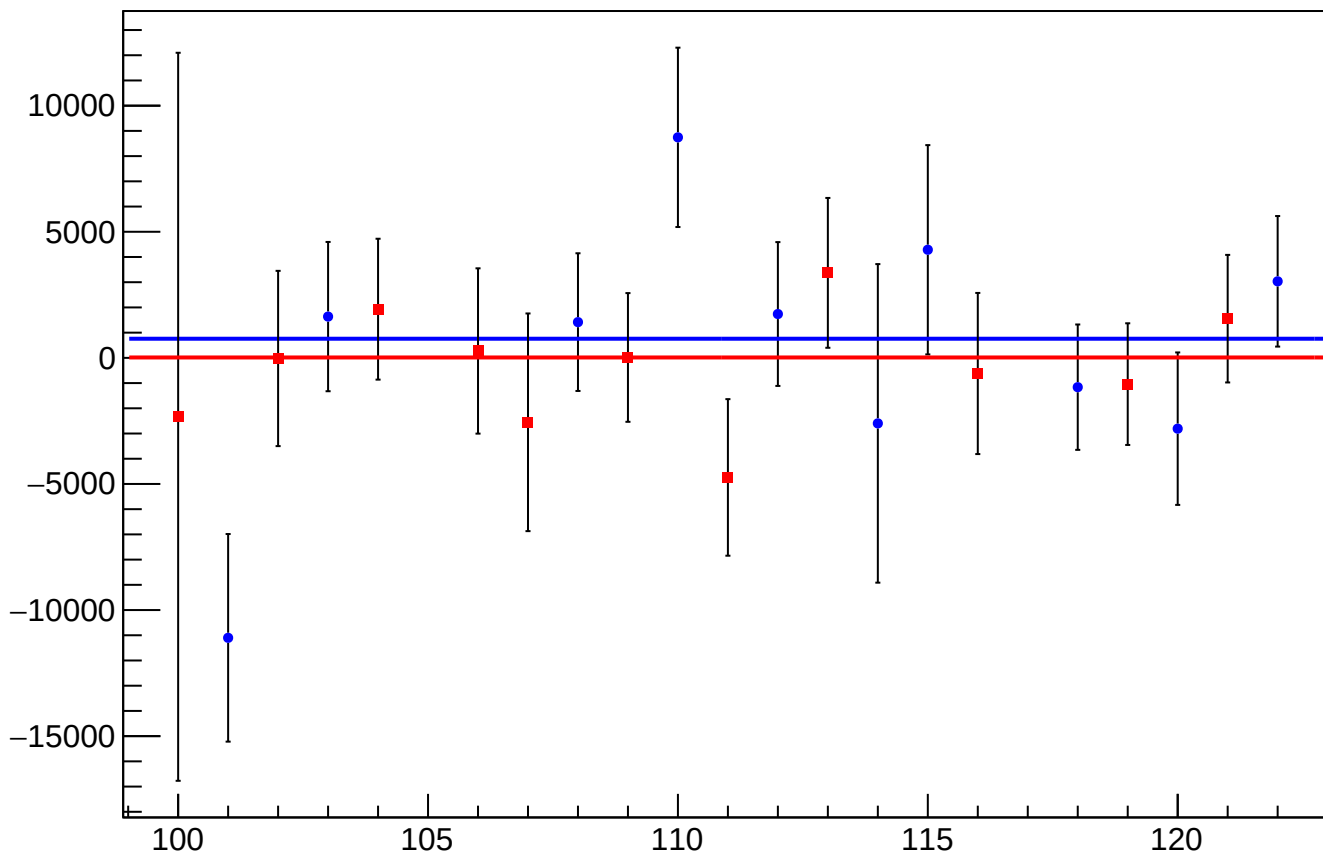
Right: 1289.797+/-0.316 χ^2/NDF : 480726.3/20

In: 1262.306+/-0.449 χ^2/NDF : 247891.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.797+/-0.316 χ^2/NDF : 480726.3/20

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: 15.669+/-928.729 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

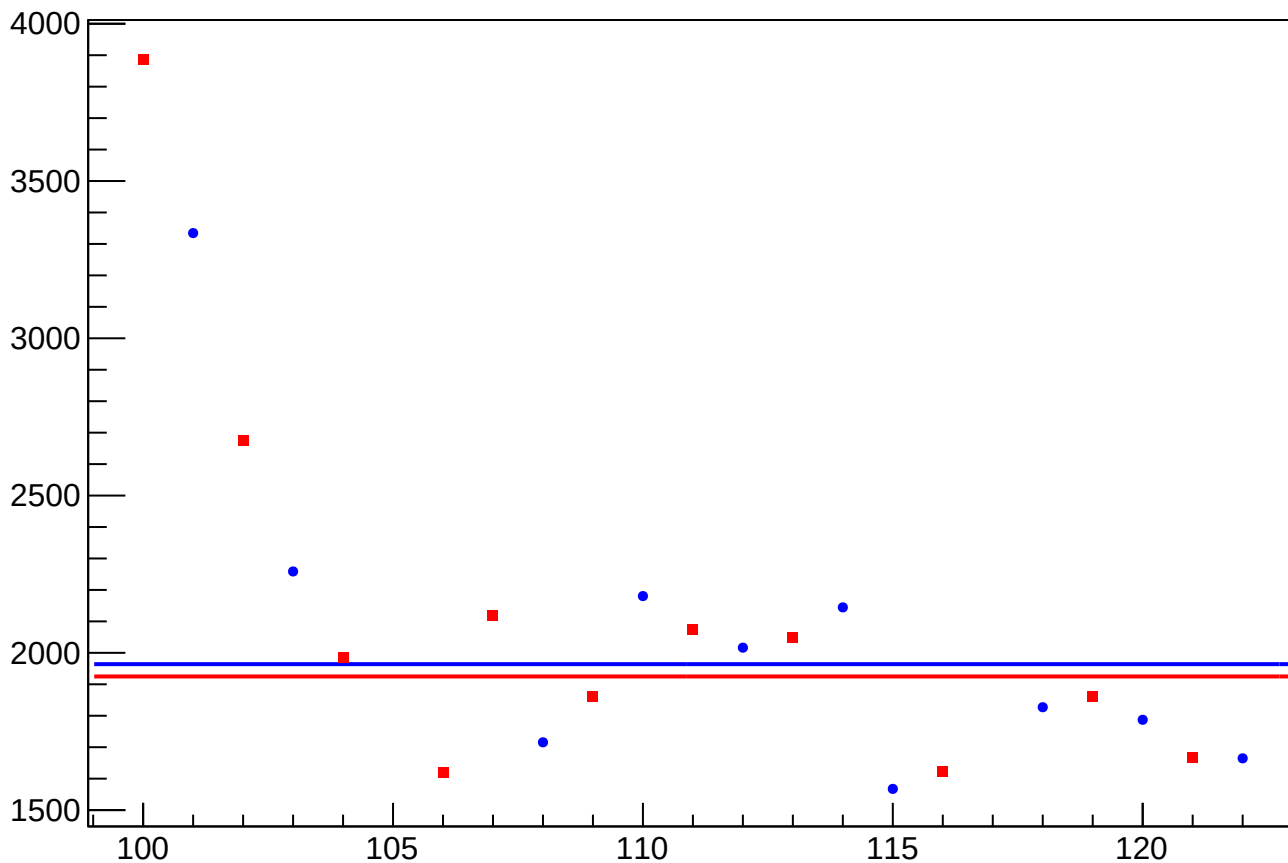
Right: 362.171+/-678.463 χ^2/NDF : 22.8/20

In: 758.713+/-993.530 χ^2/NDF : 17.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.171+/-678.463 χ^2/NDF : 22.8/20

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: 1924.843+/-0.657 χ^2/NDF : 201645.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

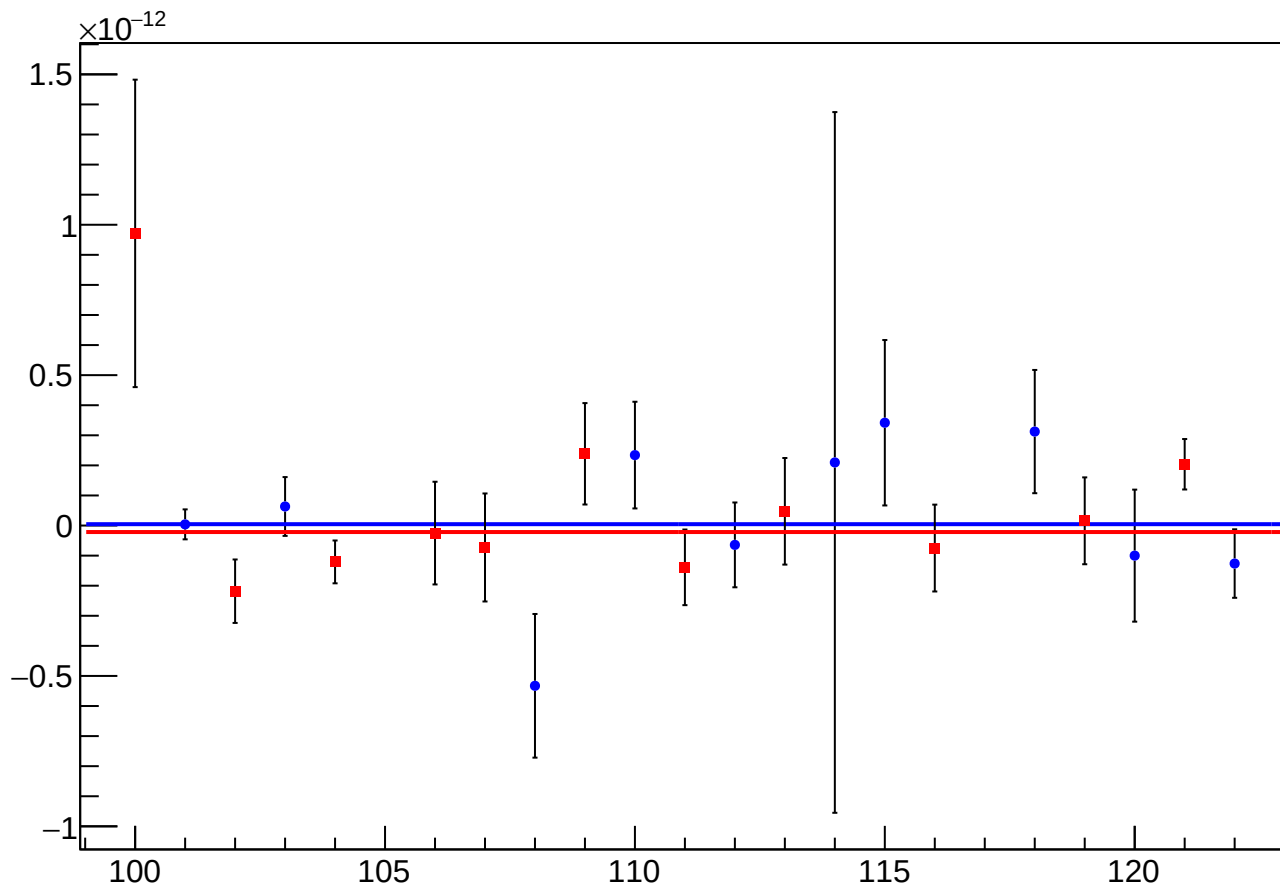
Right: 1943.133+/-0.480 χ^2/NDF : 529037.2/20

In: 1964.064+/-0.703 χ^2/NDF : 325728.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1943.133+/-0.480 χ^2/NDF : 529037.2/20

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 : 20.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

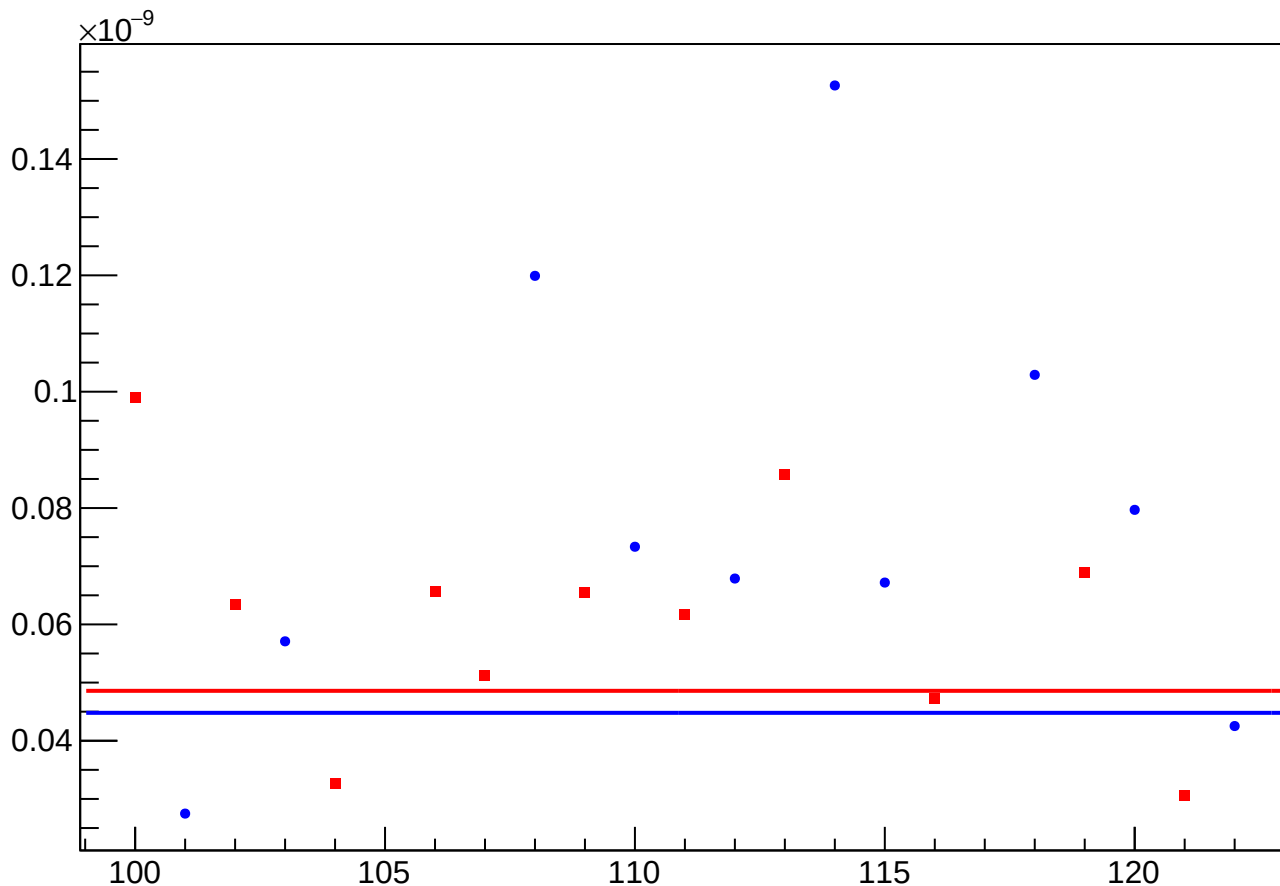
Right: -0.000+/-0.000 χ^2/NDF : 33.0/20

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 : 33.0/20

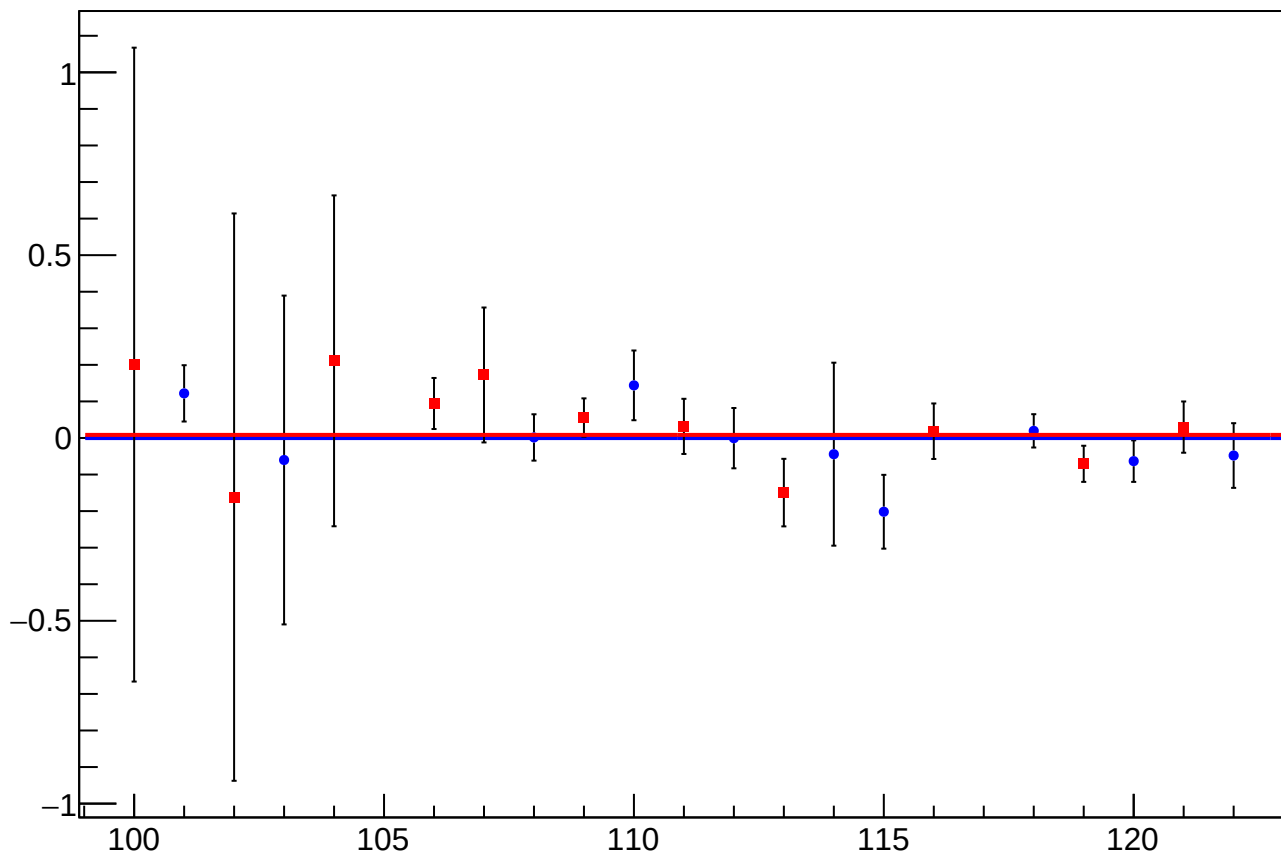
asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 443342.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1273194.8/20
 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 : 1273194.8/20

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 : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

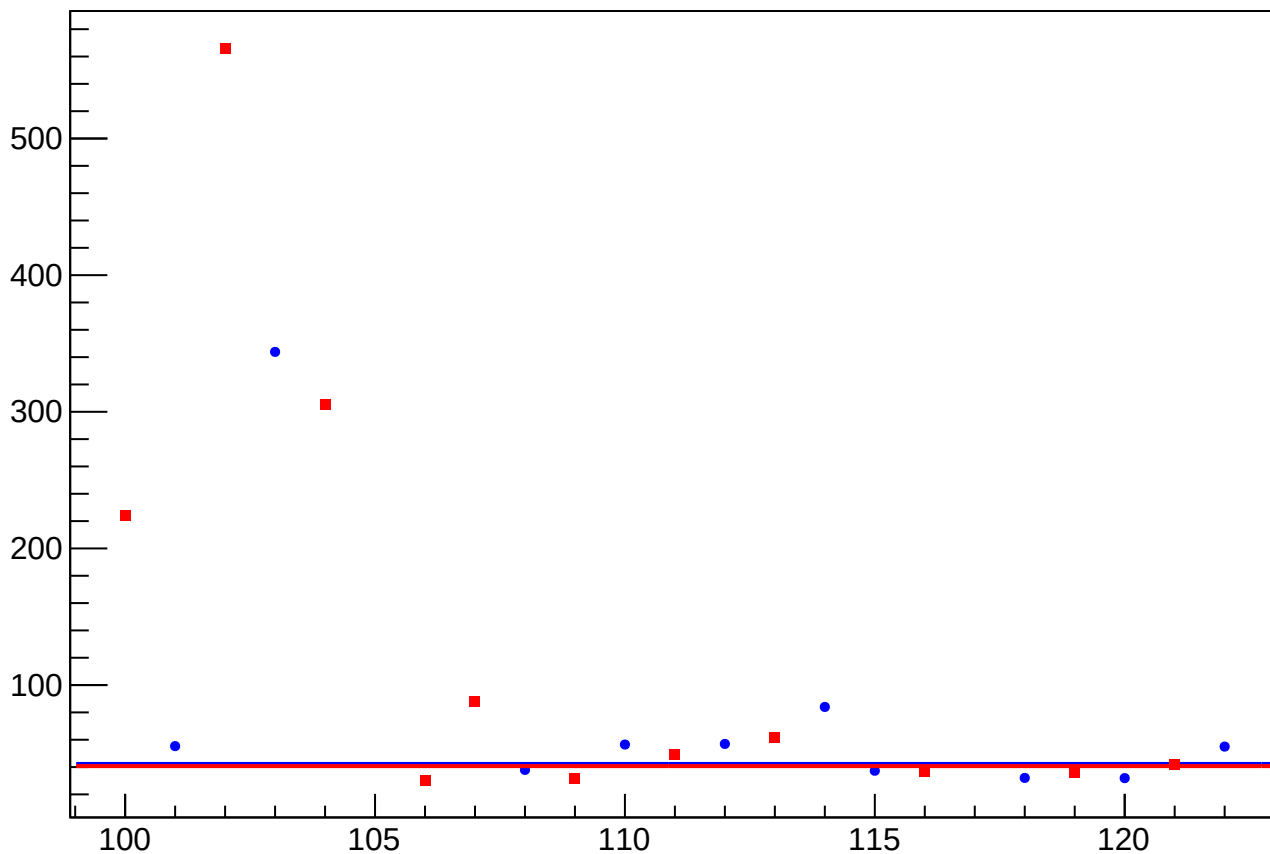
Right: 0.004+/-0.017 χ^2/NDF : 19.7/20

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 : 19.7/20

asym_at1_dd_at2_dd_avg_dit_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: 40.693+/-0.017 χ^2/NDF : 2085728.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

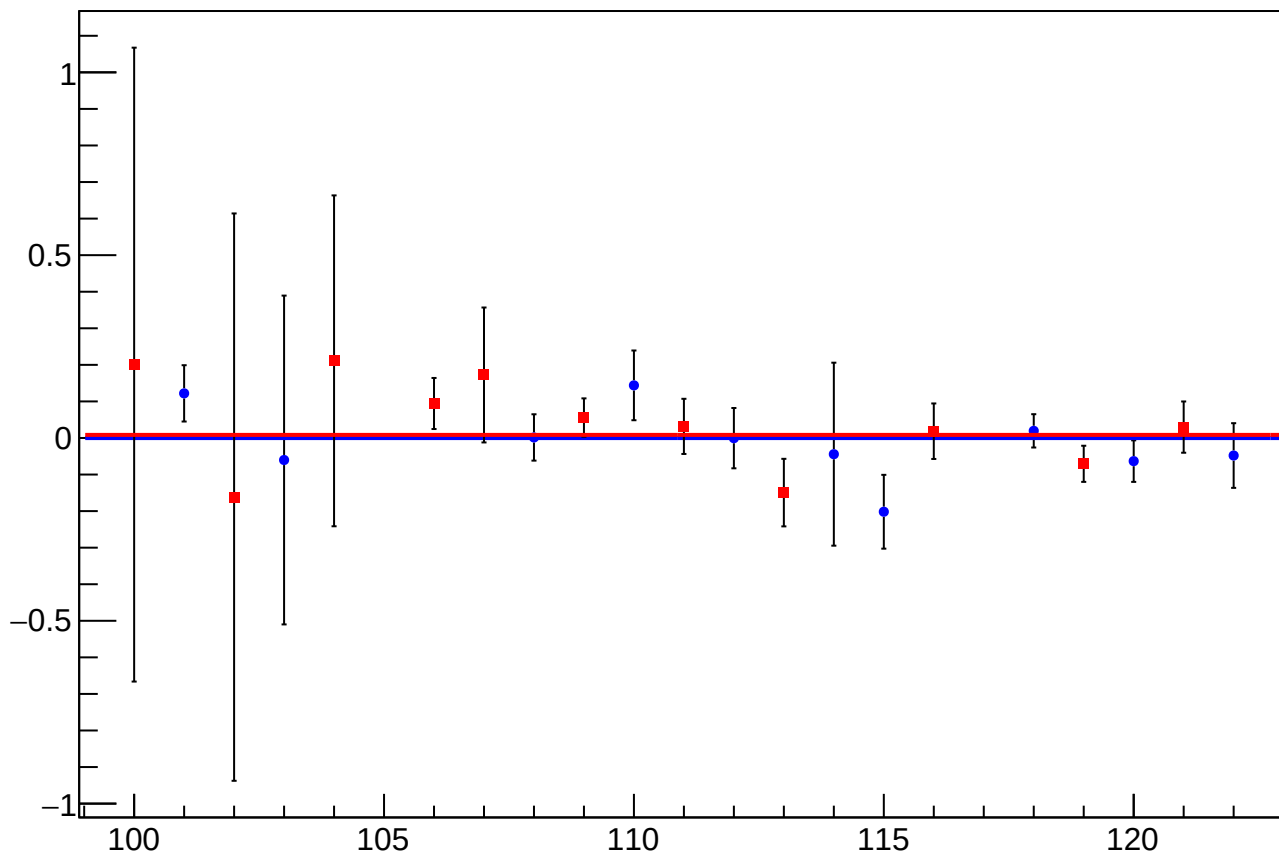
Right: 41.489+/-0.012 χ^2/NDF : 3432948.2/20

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.489+/-0.012 χ^2/NDF : 3432948.2/20

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 : 9.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

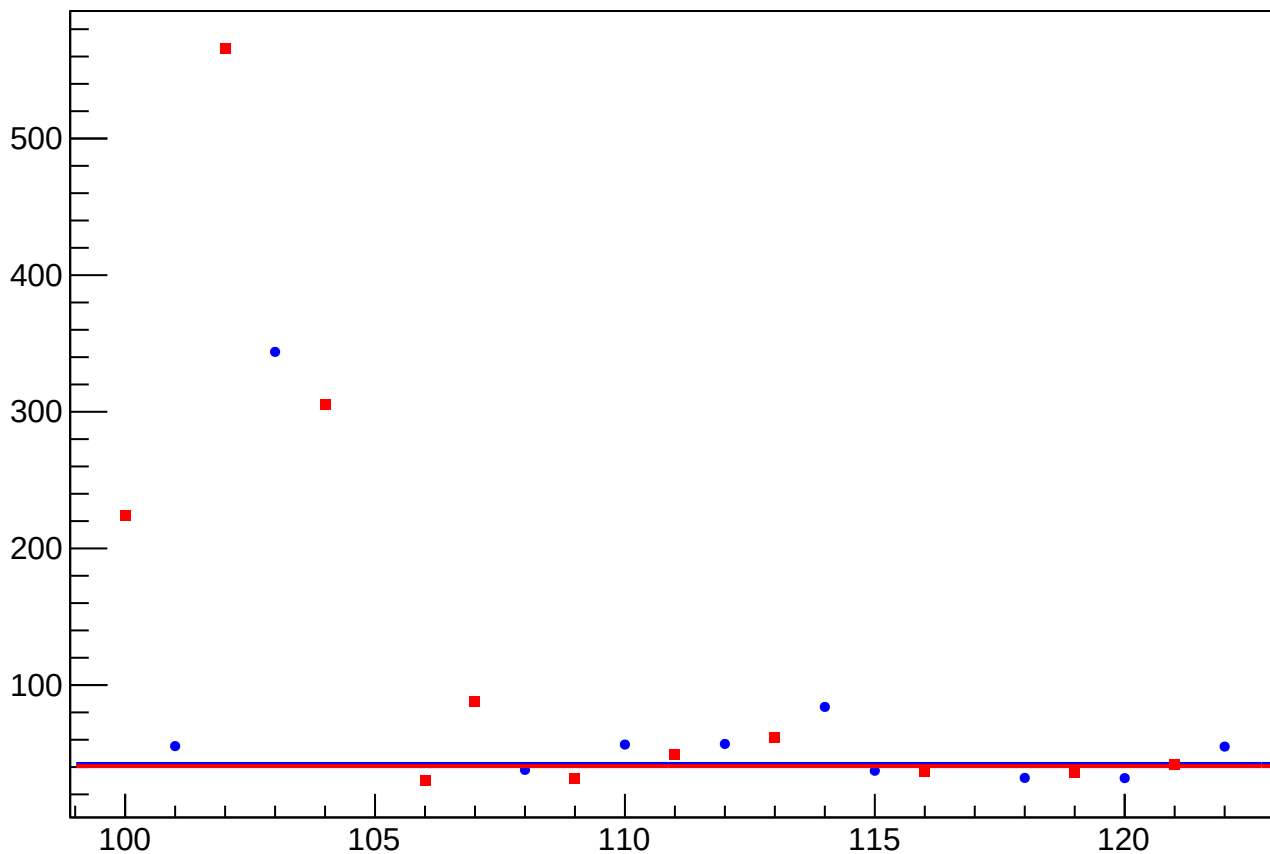
Right: 0.004 ± 0.017 χ^2/NDF : 19.7/20

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 : 19.7/20

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: 40.693+/-0.017 χ^2/NDF : 2085728.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

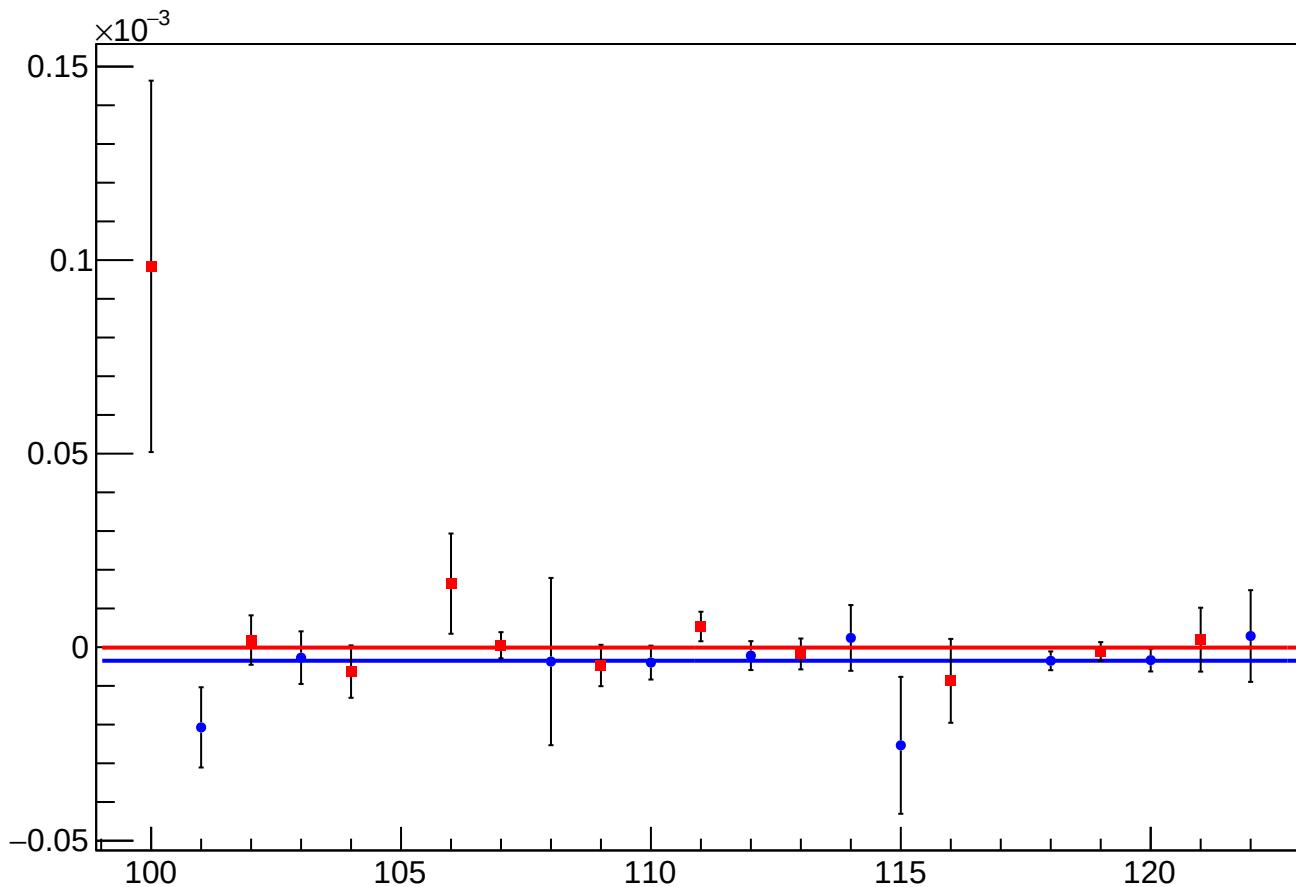
Right: 41.489+/-0.012 χ^2/NDF : 3432948.2/20

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.489+/-0.012 χ^2/NDF : 3432948.2/20

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 : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

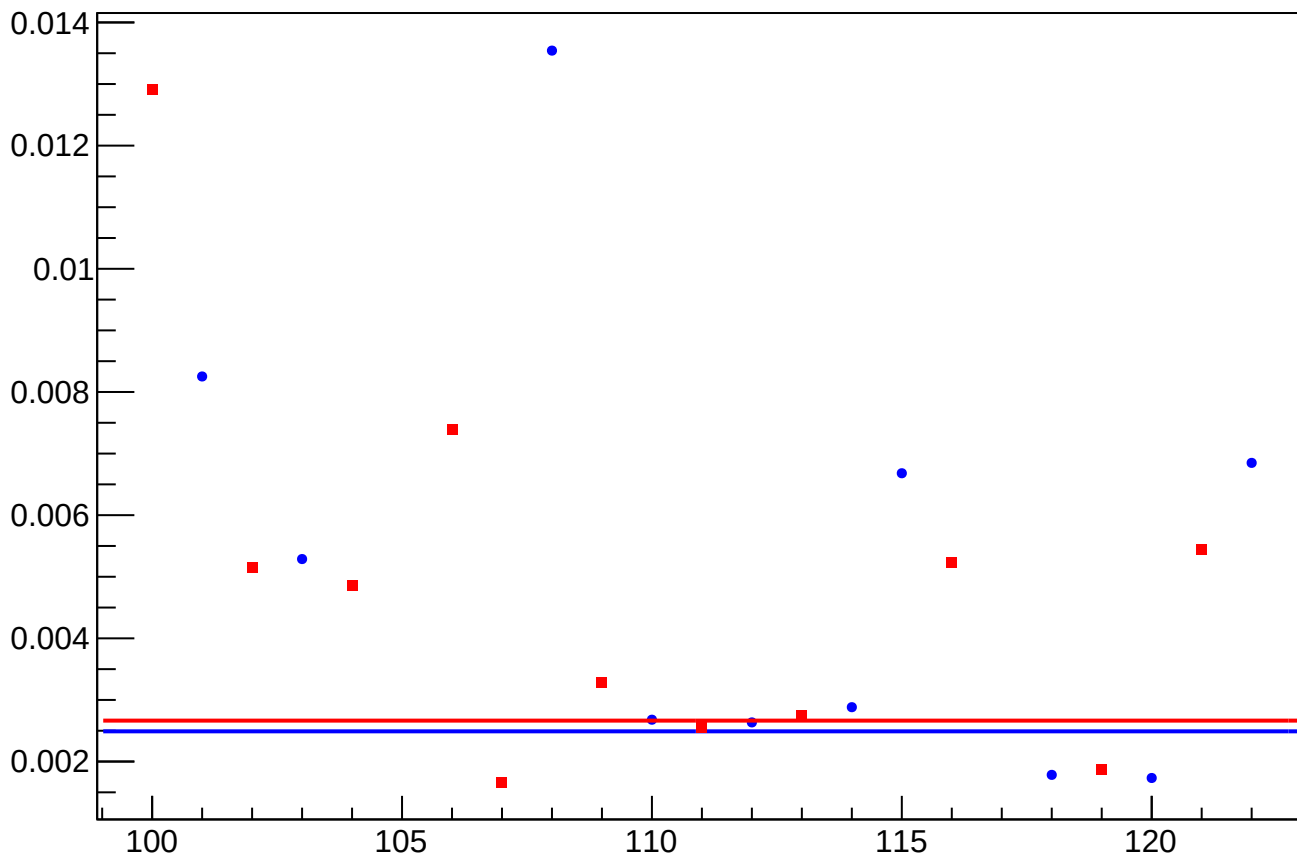
Right: -0.000+/-0.000 χ^2/NDF : 18.6/20

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 : 18.6/20

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 : 1628628.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

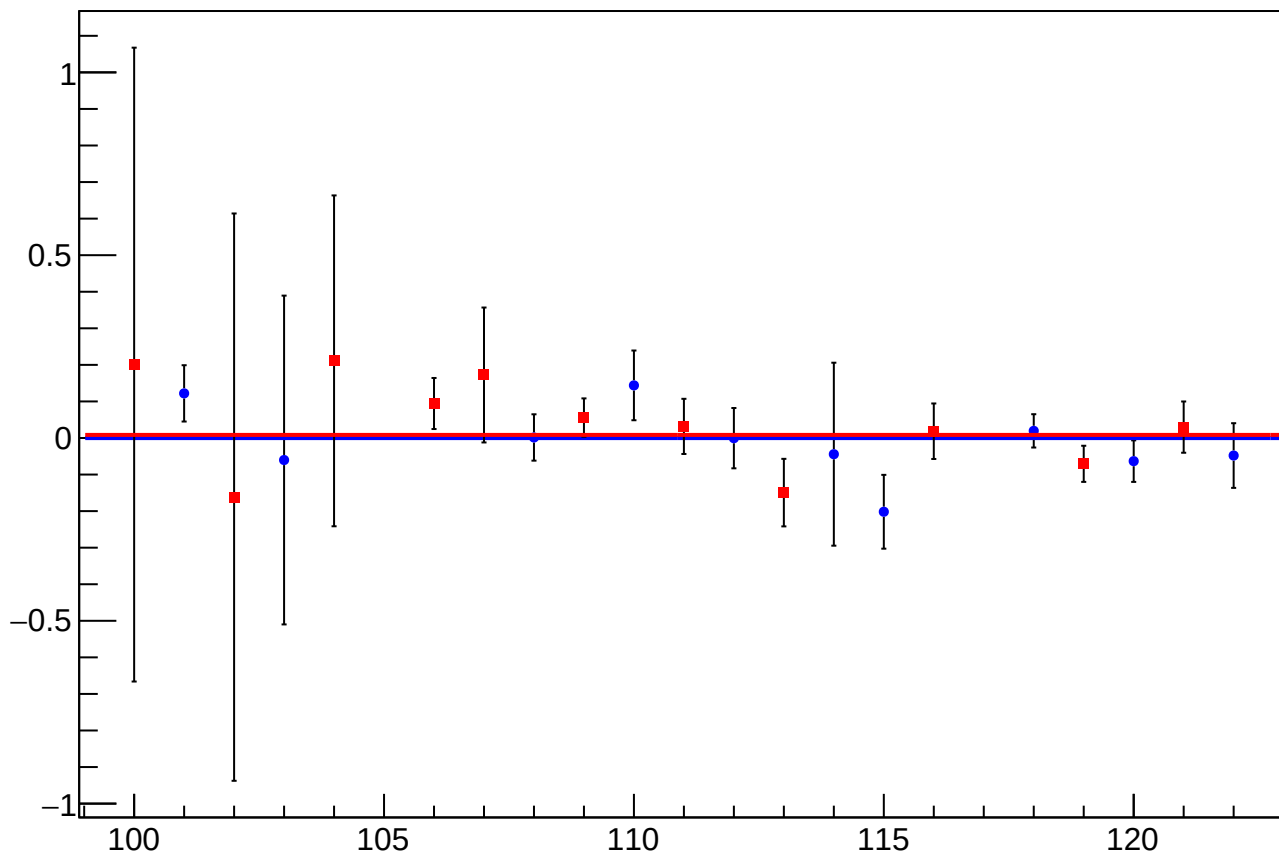
Right: 0.003+/-0.000 χ^2/NDF : 3819816.2/20

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 : 3819816.2/20

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 : 9.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

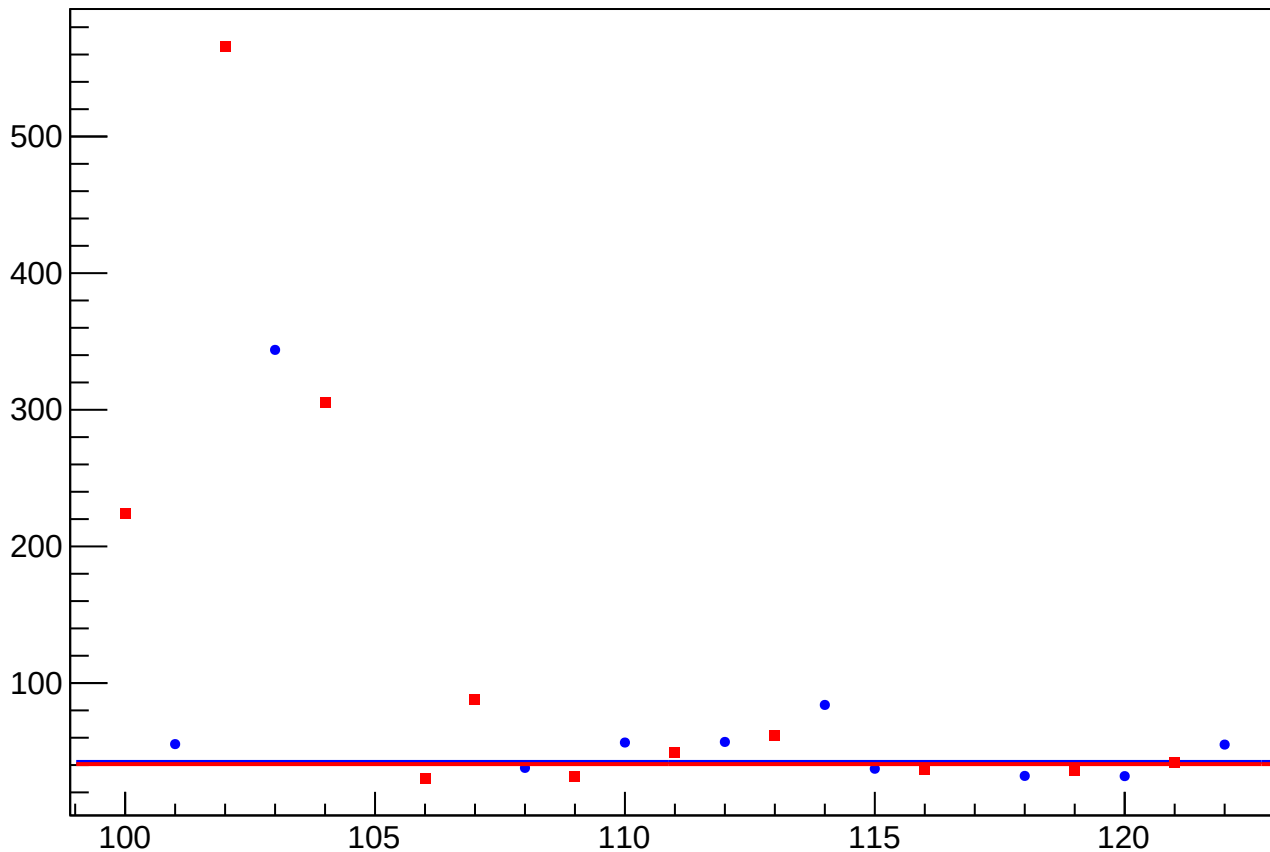
Right: 0.004 ± 0.017 χ^2/NDF : 19.7/20

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 : 19.7/20

asym_at1_dd_at2_dd_avg_eigen_dit_vs_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: 40.692+/-0.017 χ^2/NDF : 2085773.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

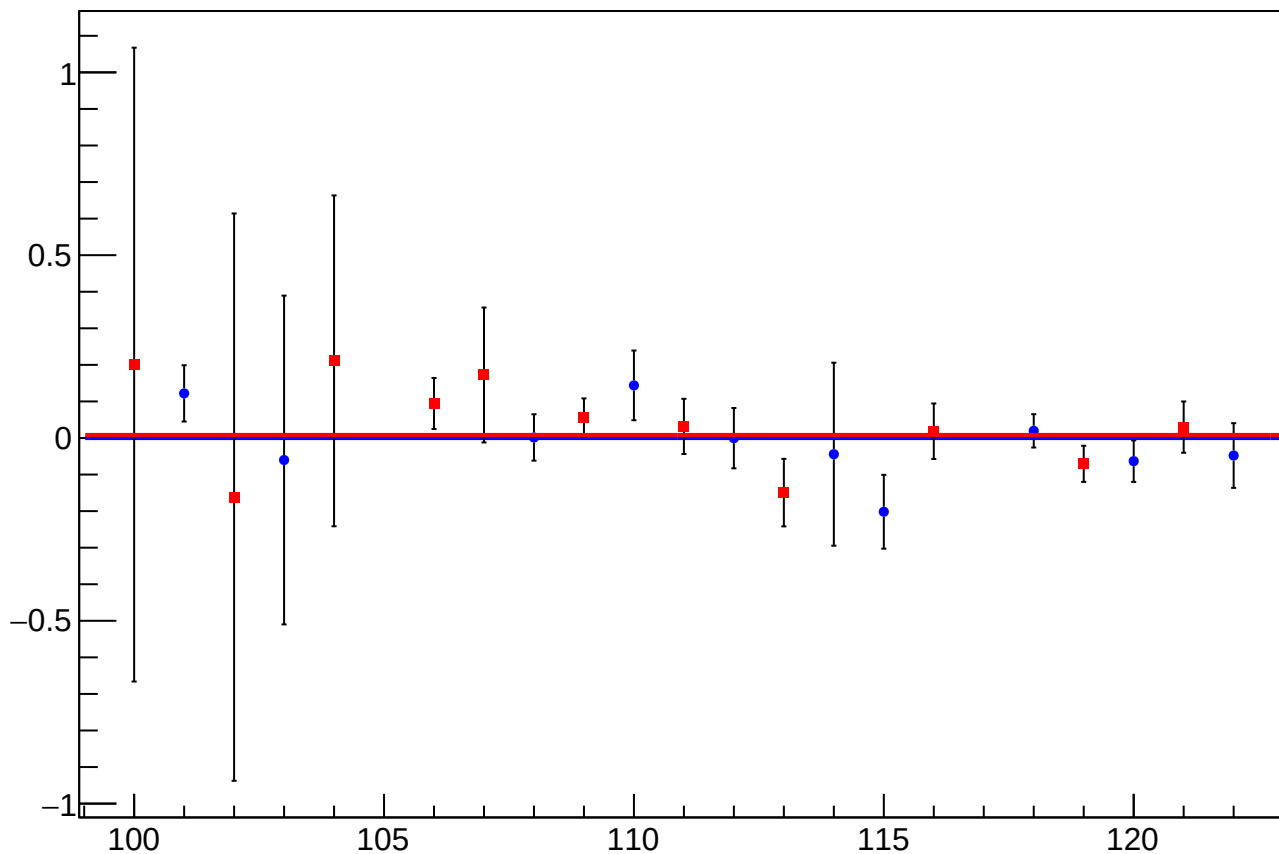
Right: 41.489+/-0.012 χ^2/NDF : 3432999.2/20

In: 42.274+/-0.017 χ^2/NDF : 1342971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.489+/-0.012 χ^2/NDF : 3432999.2/20

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 : 9.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

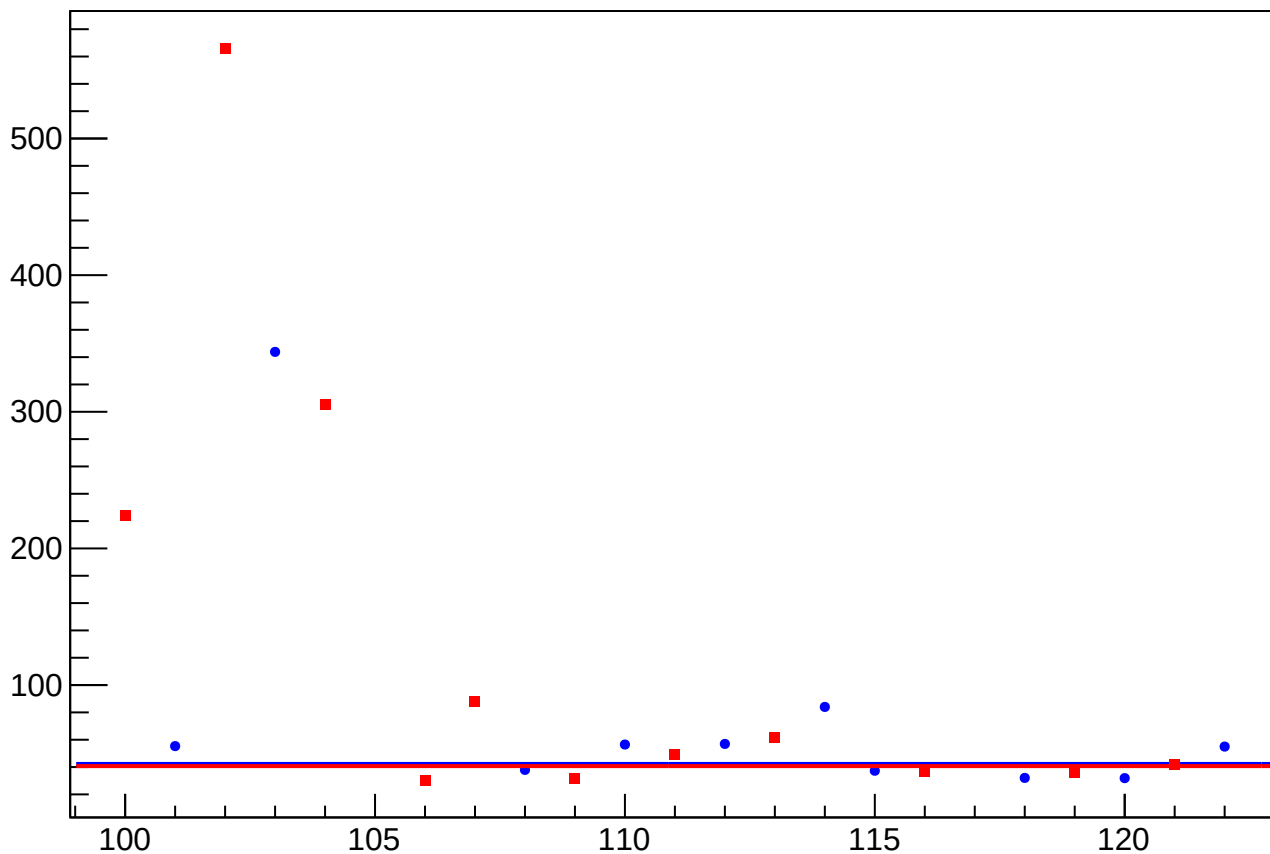
Right: 0.004 ± 0.017 χ^2/NDF : 19.7/20

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 : 19.7/20

asym_at1_dd_at2_dd_avg_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: 40.692+/-0.017 χ^2/NDF : 2085773.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

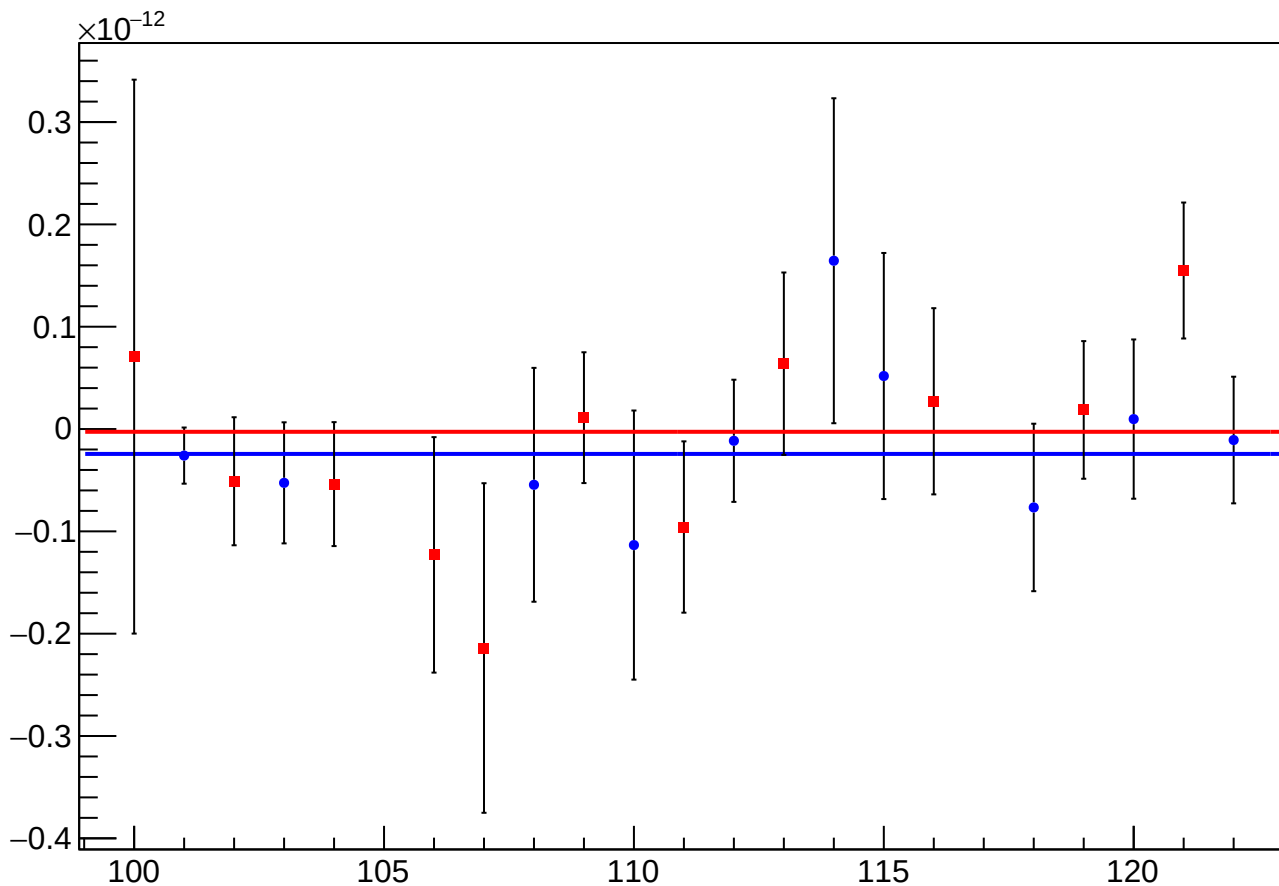
Right: 41.489+/-0.012 χ^2/NDF : 3432999.2/20

In: 42.274+/-0.017 χ^2/NDF : 1342971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.489+/-0.012 χ^2/NDF : 3432999.2/20

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 : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

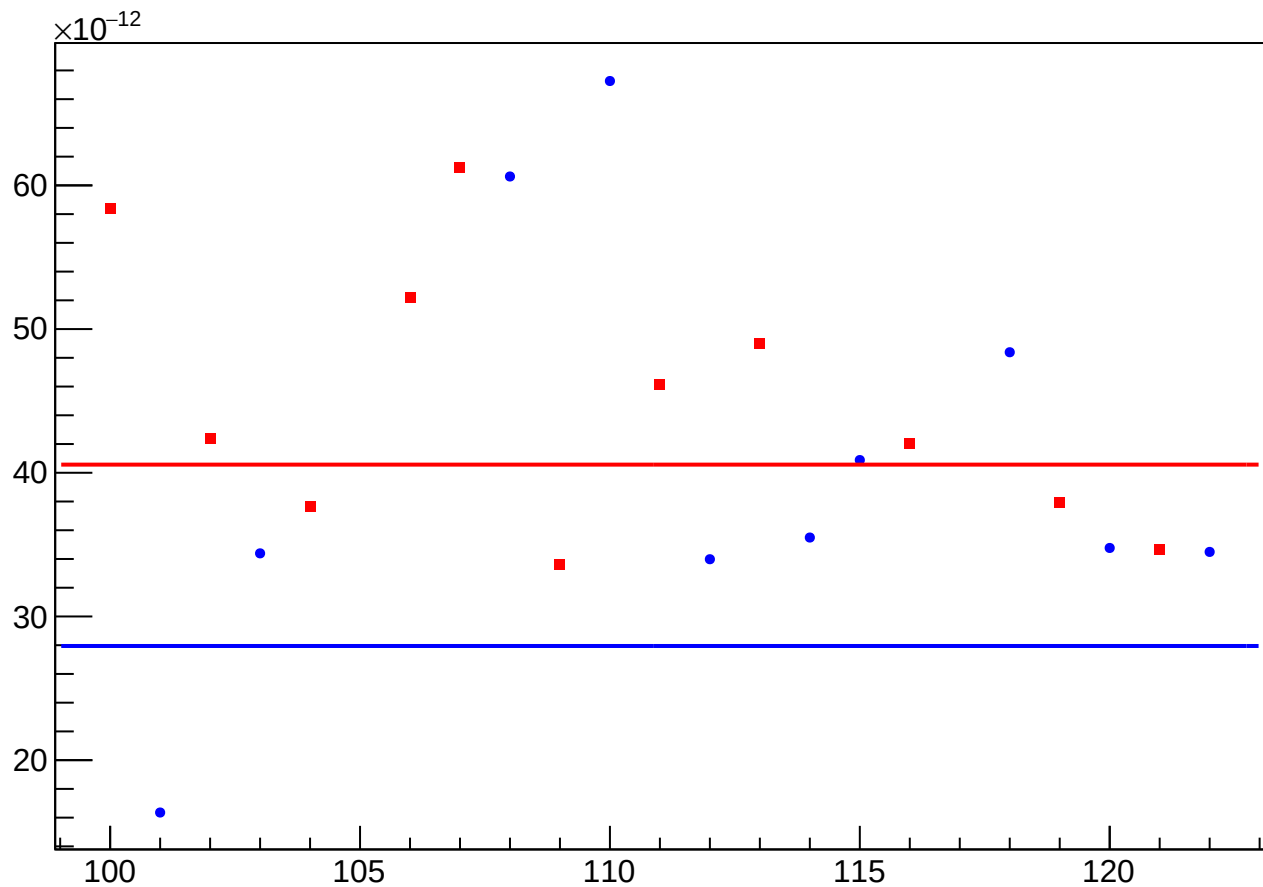
Right: -0.000+/-0.000 χ^2/NDF : 15.6/20

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 : 15.6/20

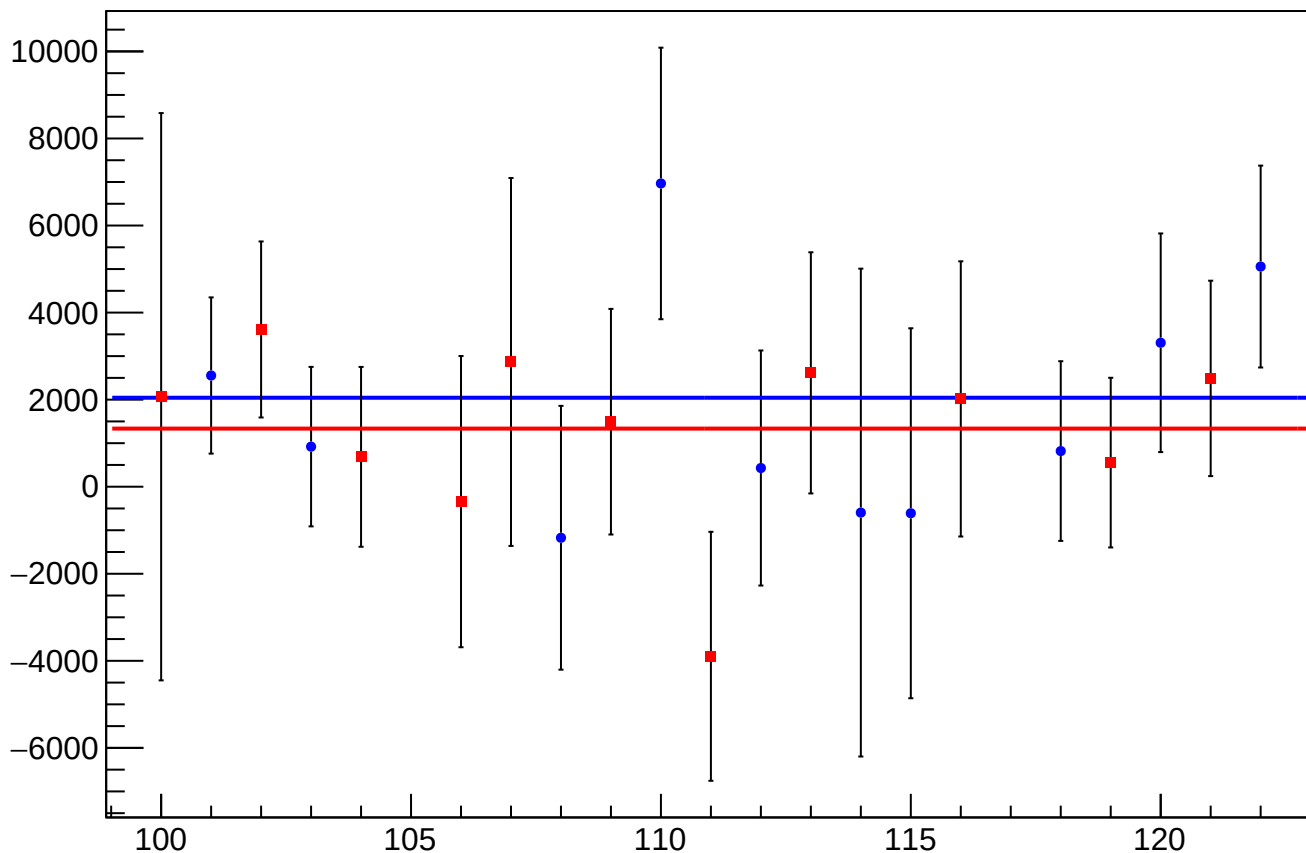
asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 138399.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1409405.6/20
 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 : 1409405.6/20

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2043.985 $\pm$ 784.746 χ^2 /NDF: 7.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1335.095 $\pm$ 787.832 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

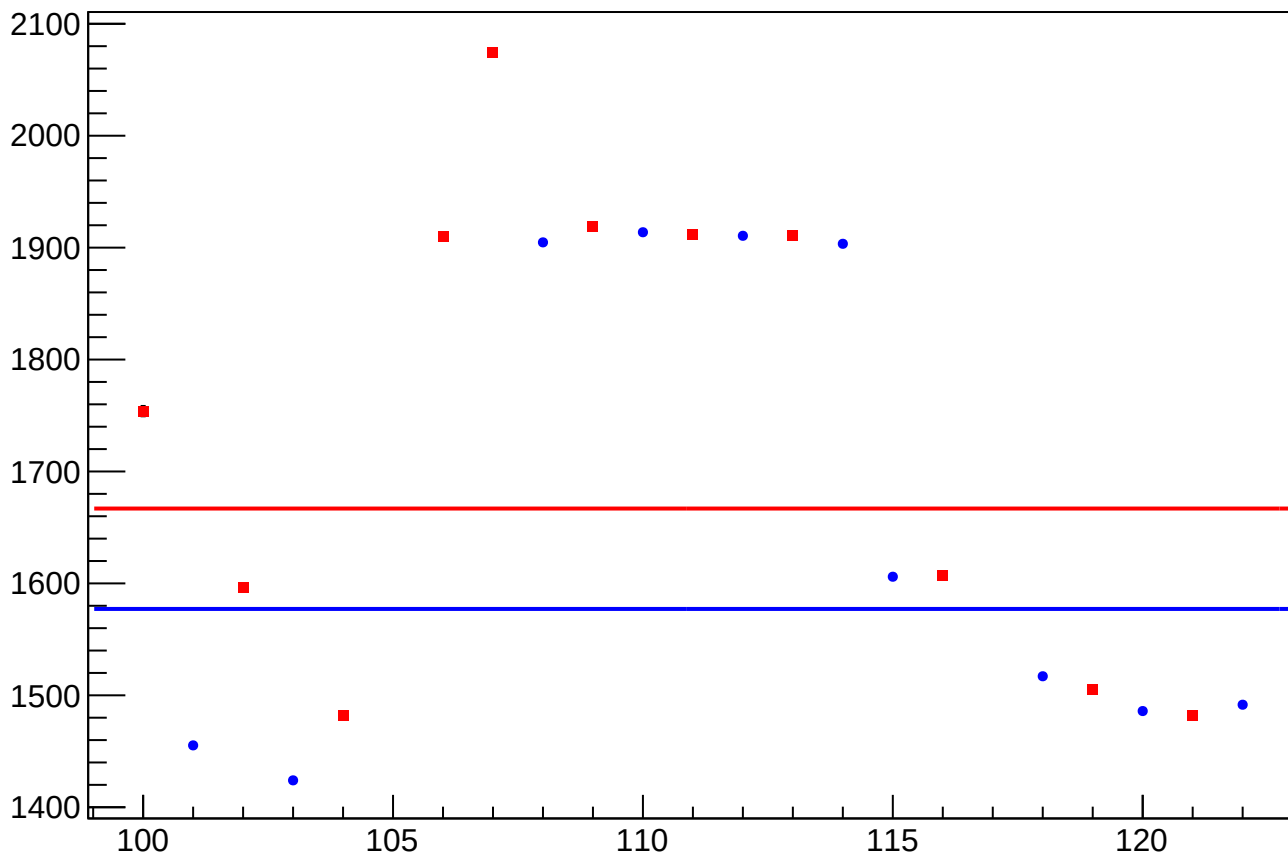
Right: 1690.931 $\pm$ 555.987 χ^2 /NDF: 13.5/20

In: 2043.985 $\pm$ 784.746 χ^2 /NDF:7.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1690.931 $\pm$ 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

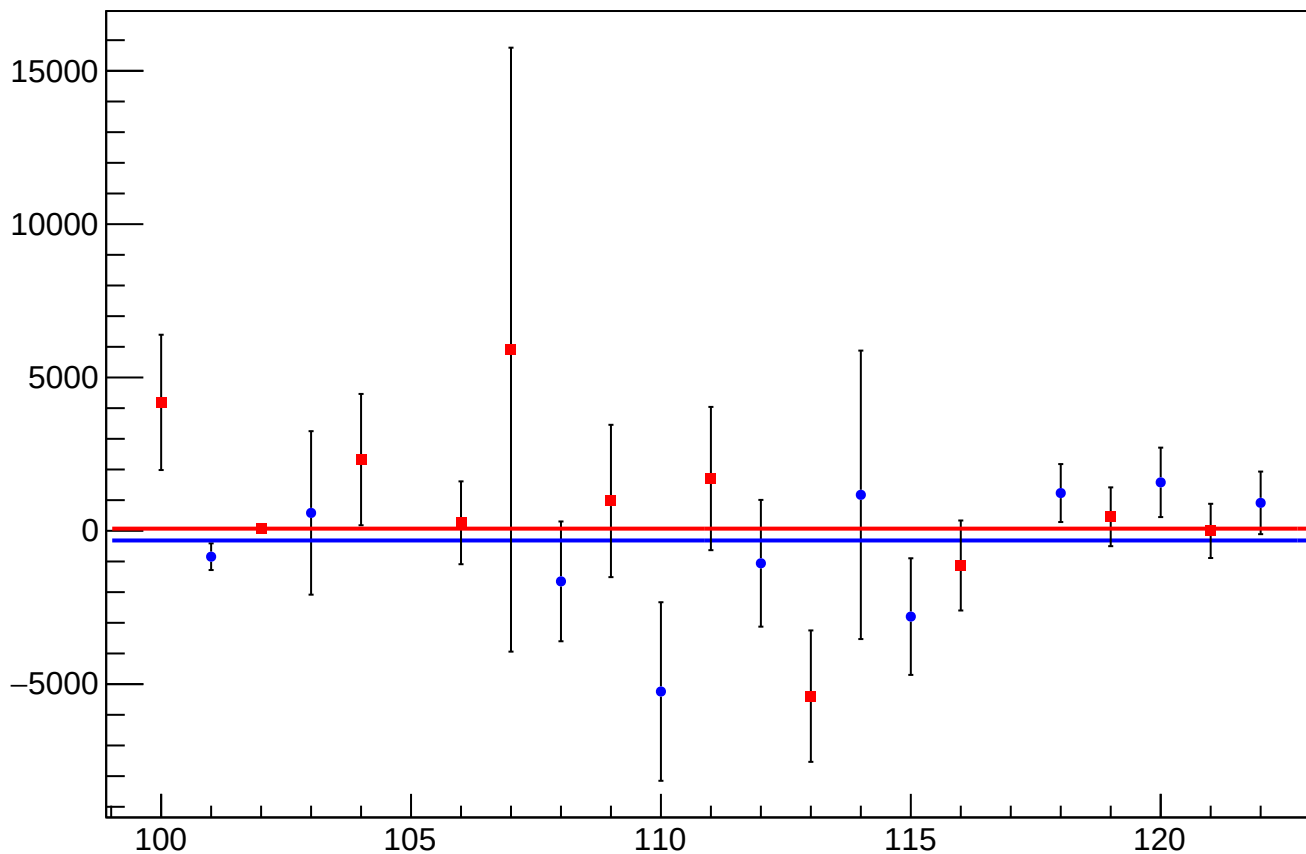
Right: 1621.855+/-0.393 χ^2/NDF : 252510.6/20

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

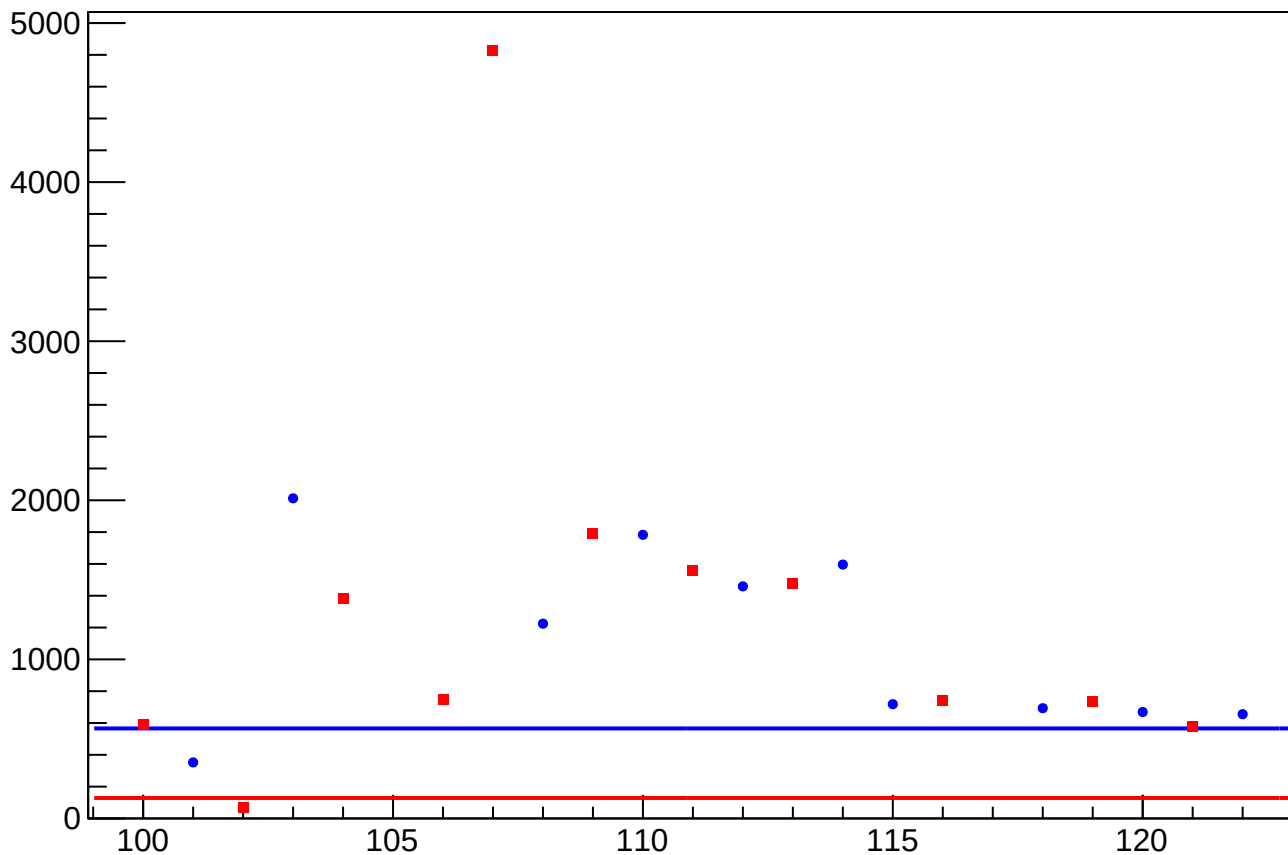
Right: 17.467+/-122.814 χ^2/NDF : 27.9/20

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

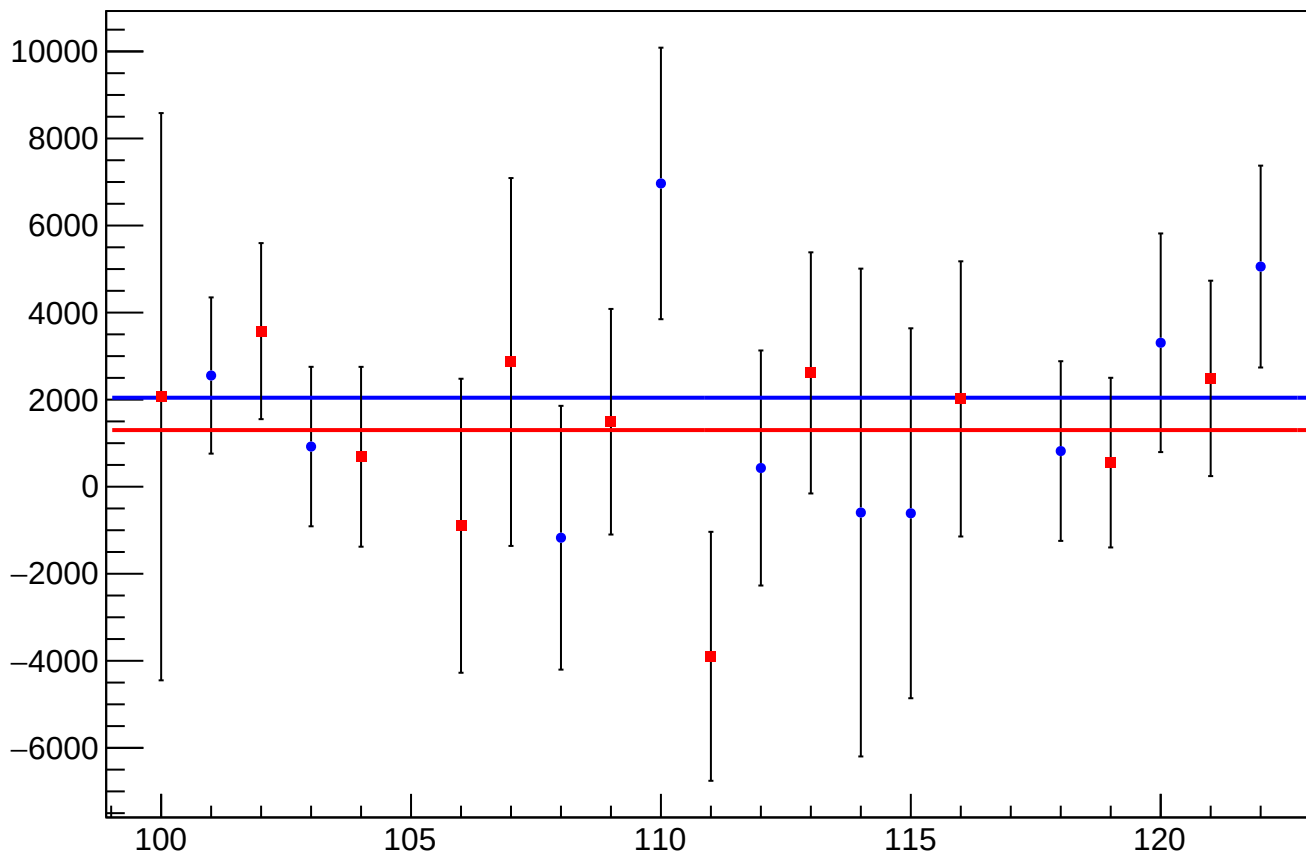
Right: 189.512+/-0.087 χ^2/NDF : 11351591.0/20

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

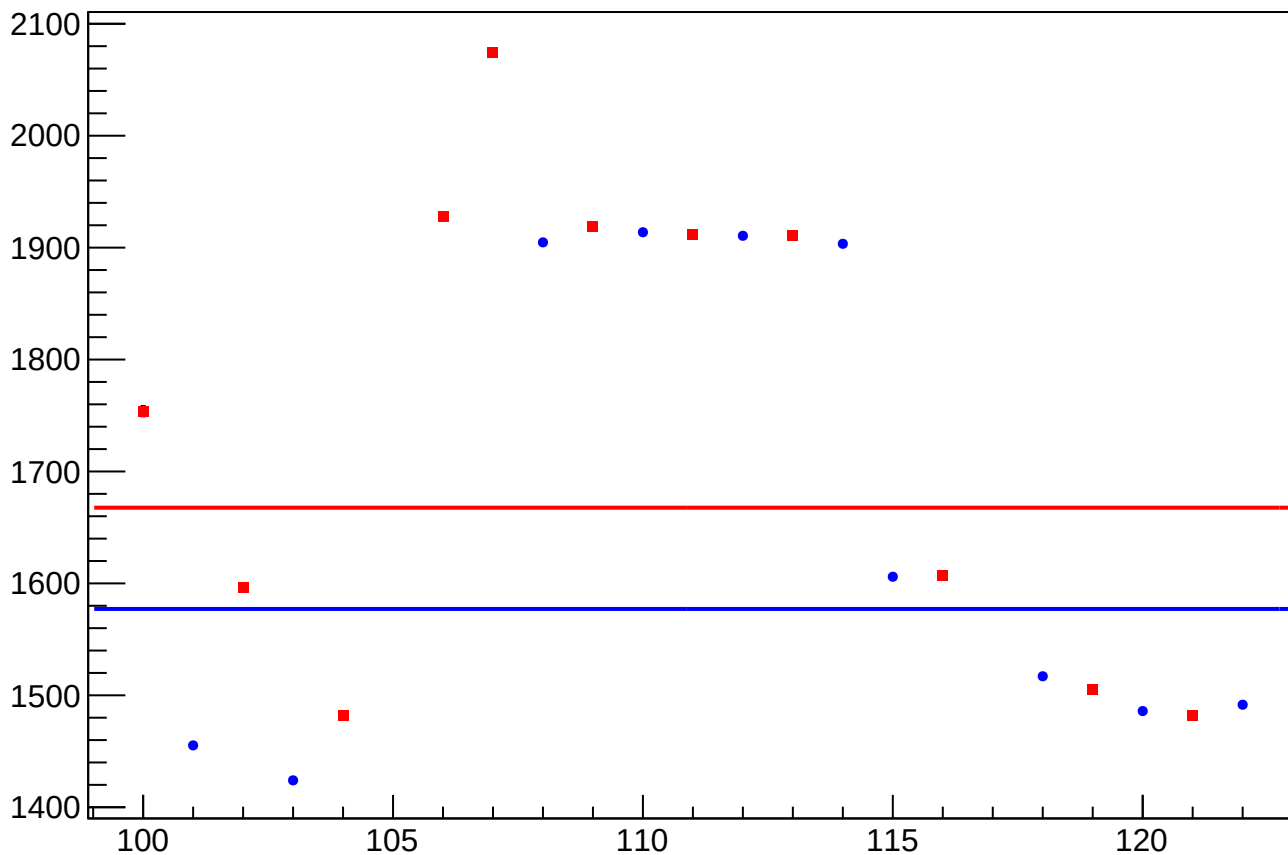
Right: 1674.187+/-556.139 χ^2/NDF : 13.7/20

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

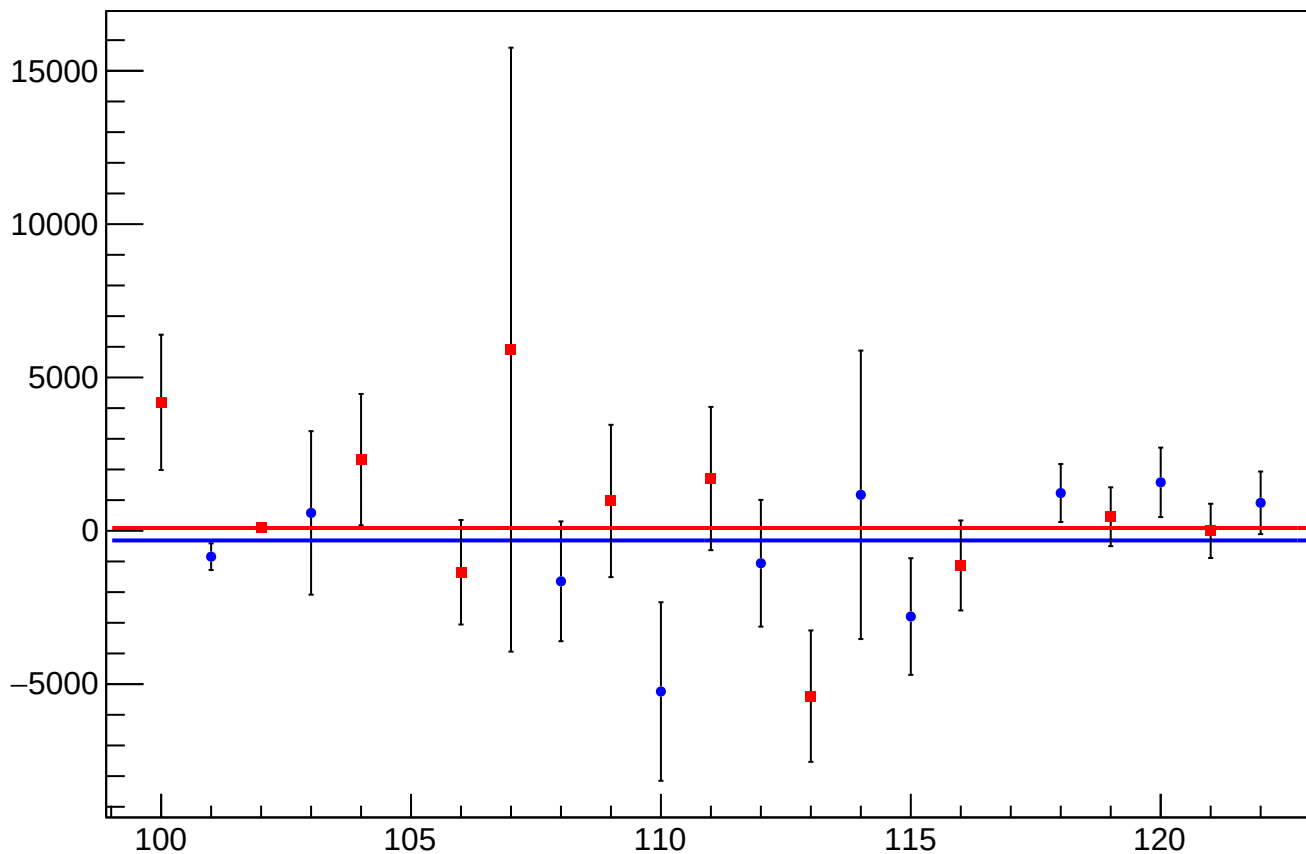
Right: 1622.216+/-0.393 χ^2/NDF : 254132.7/20

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

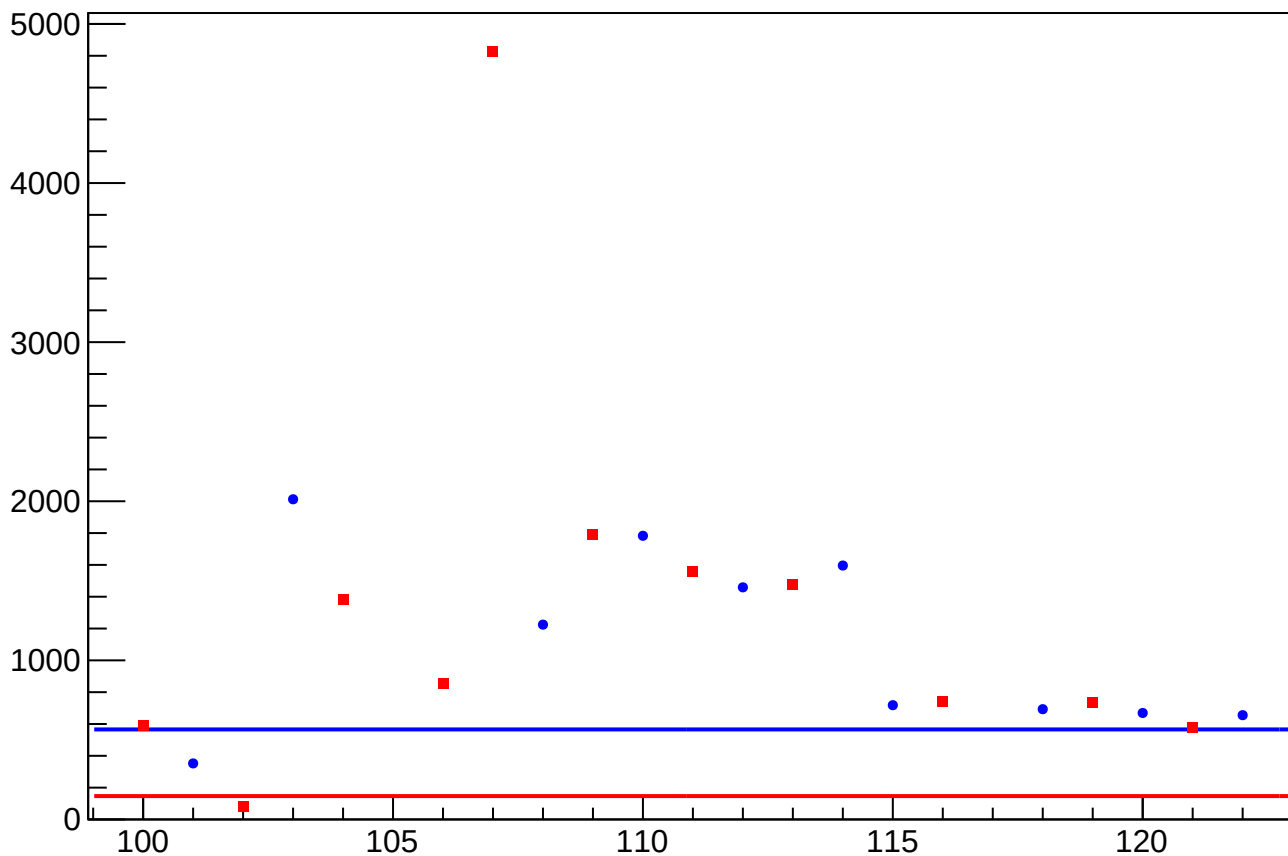
Right: 26.198+/-132.011 χ^2/NDF : 28.7/20

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

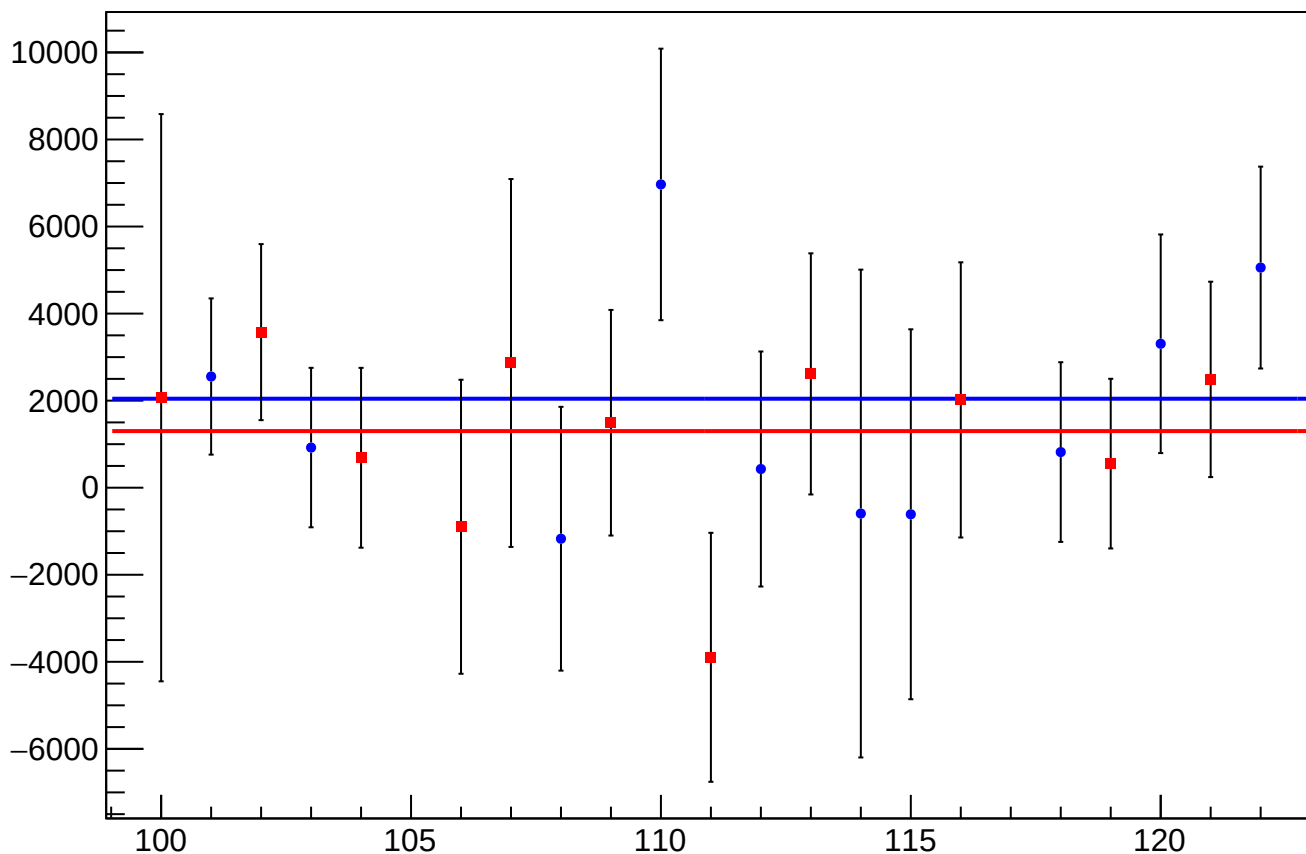
Right: 214.108+/-0.093 χ^2/NDF : 10789644.1/20

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

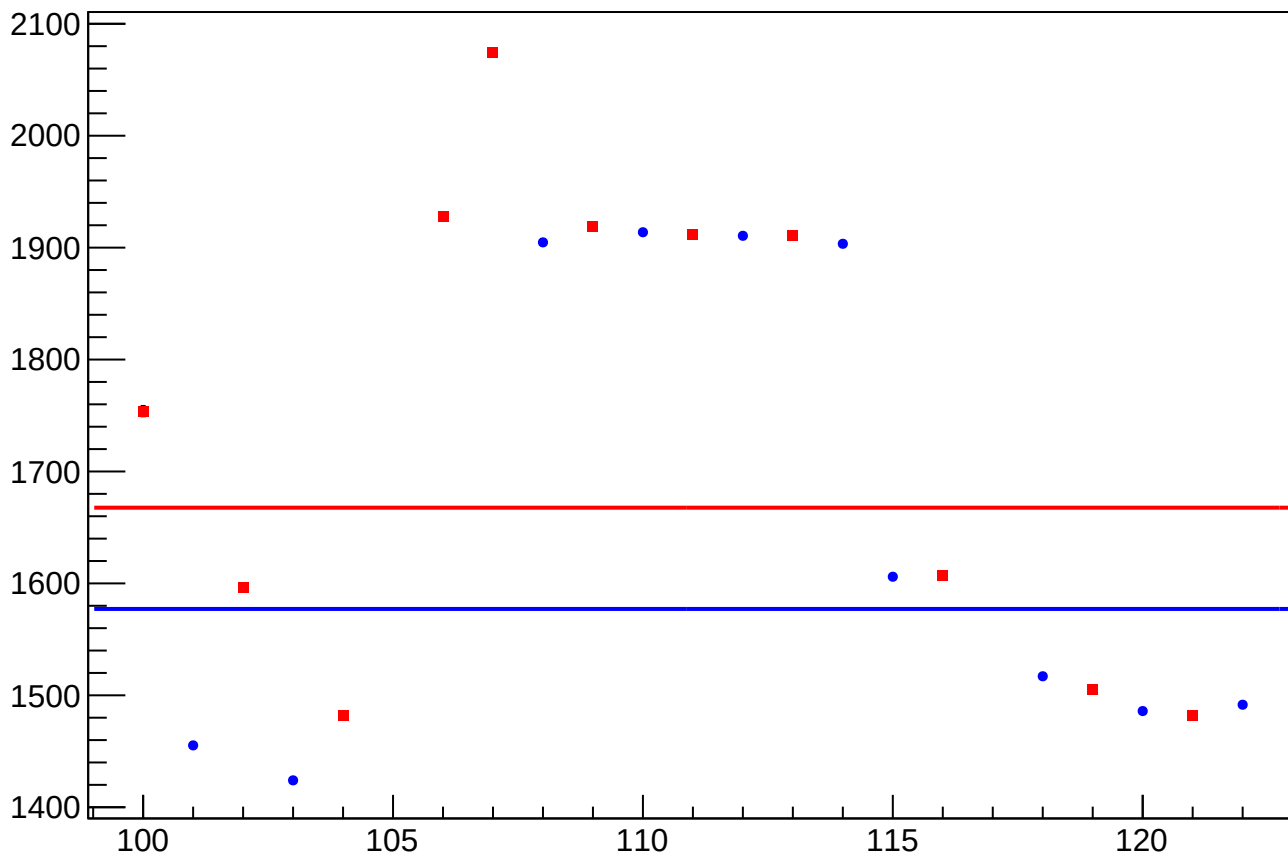
Right: 1674.187+/-556.139 χ^2/NDF : 13.7/20

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

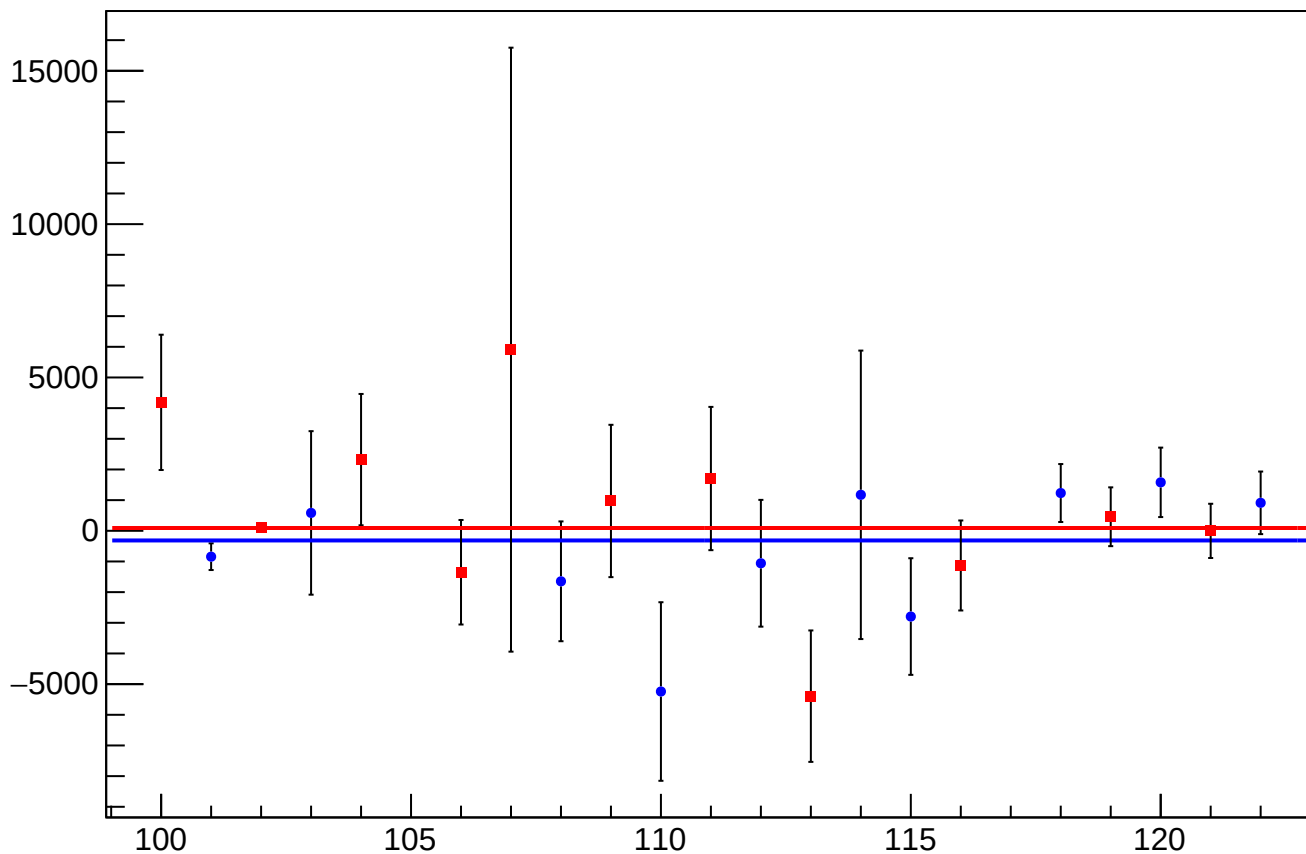
Right: 1622.216+/-0.393 χ^2/NDF : 254132.7/20

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

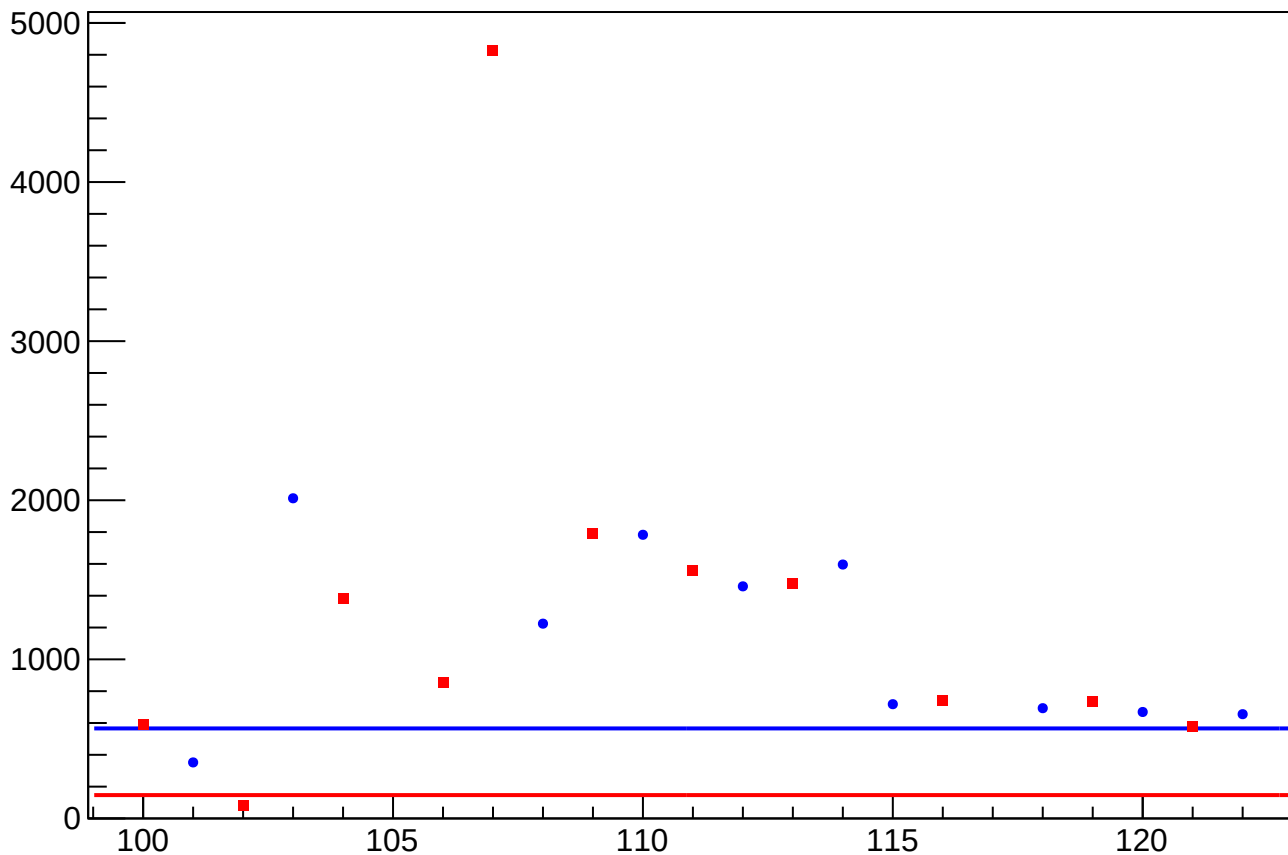
Right: 26.198+/-132.011 χ^2/NDF : 28.7/20

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

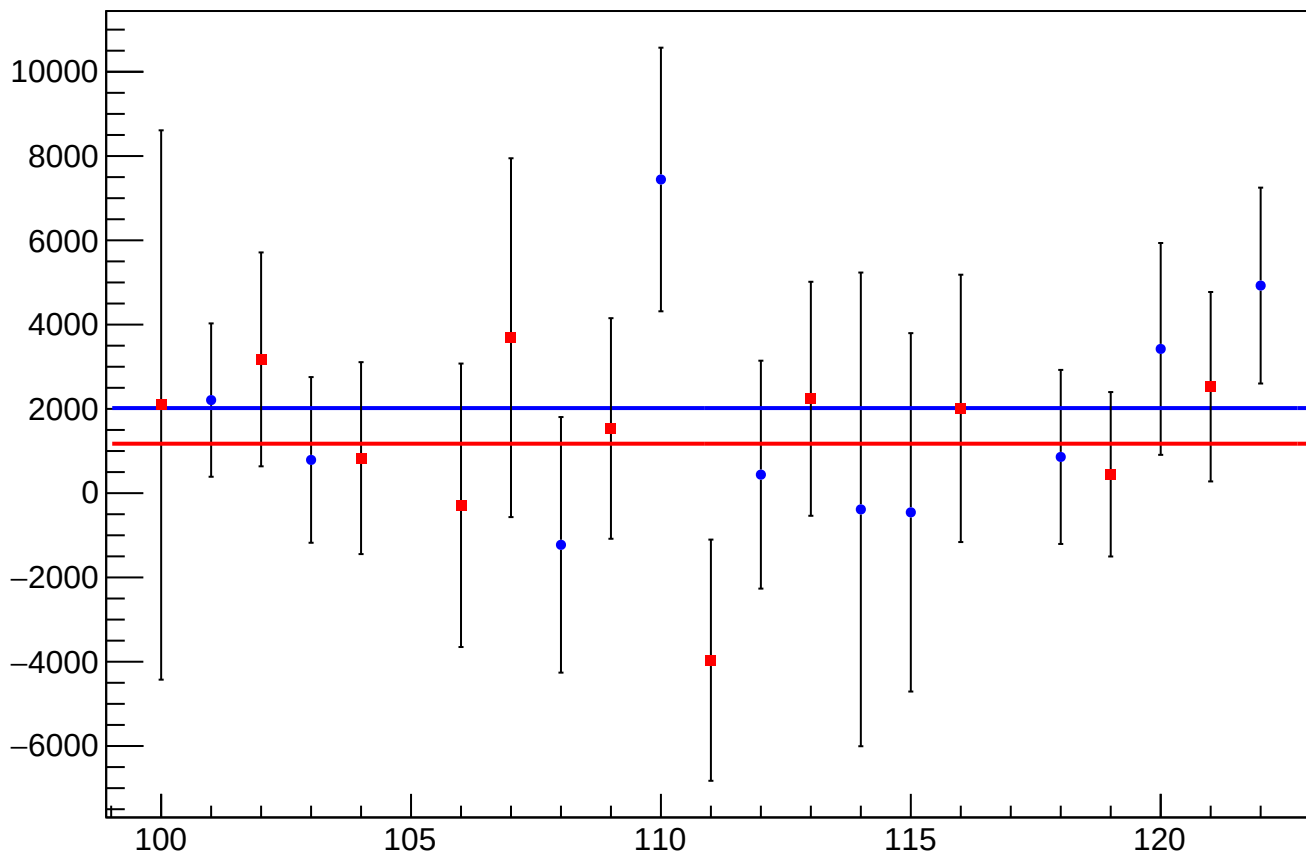
Right: 214.108+/-0.093 χ^2/NDF : 10789644.1/20

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

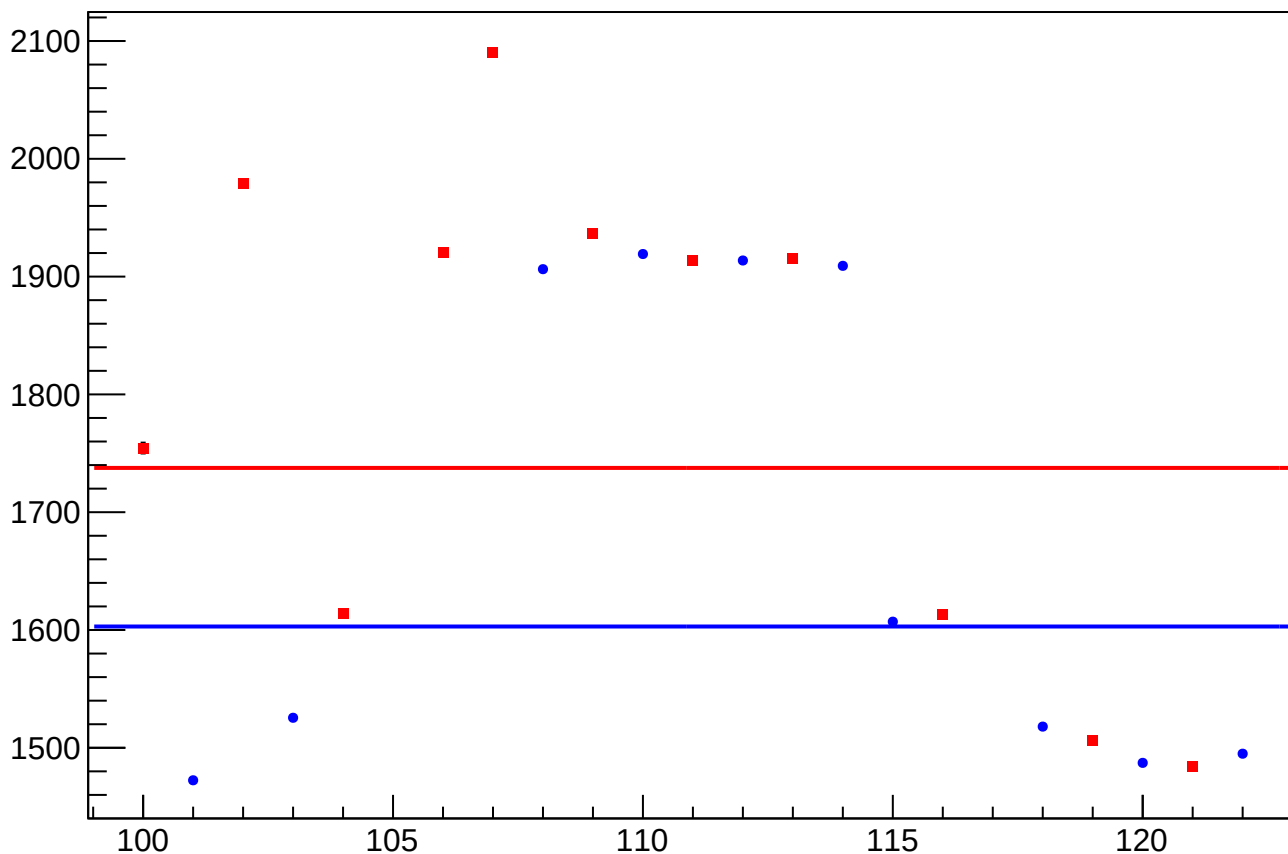
Right: 1610.319+/-572.953 χ^2/NDF : 13.3/20

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

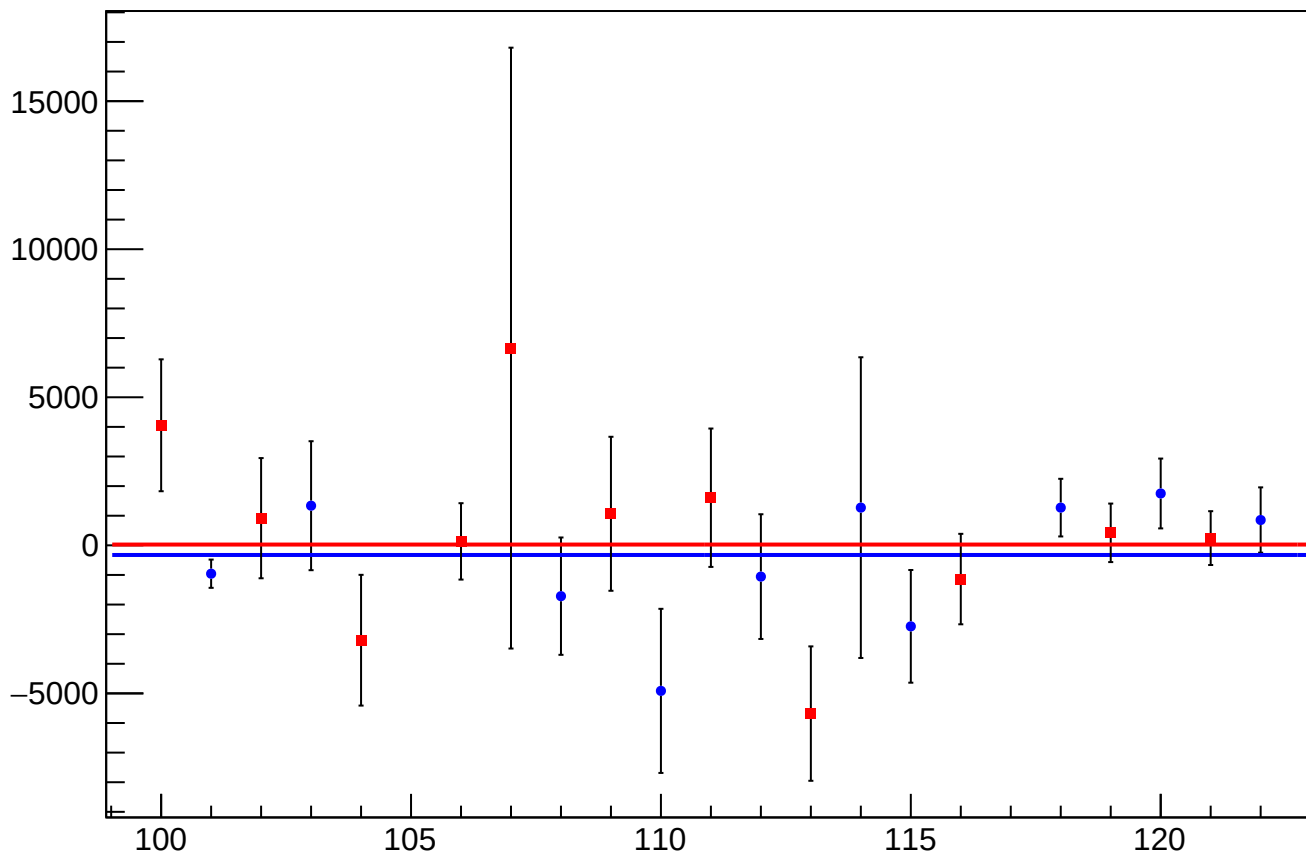
Right: 1668.061+/-0.405 χ^2/NDF : 253373.0/20

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

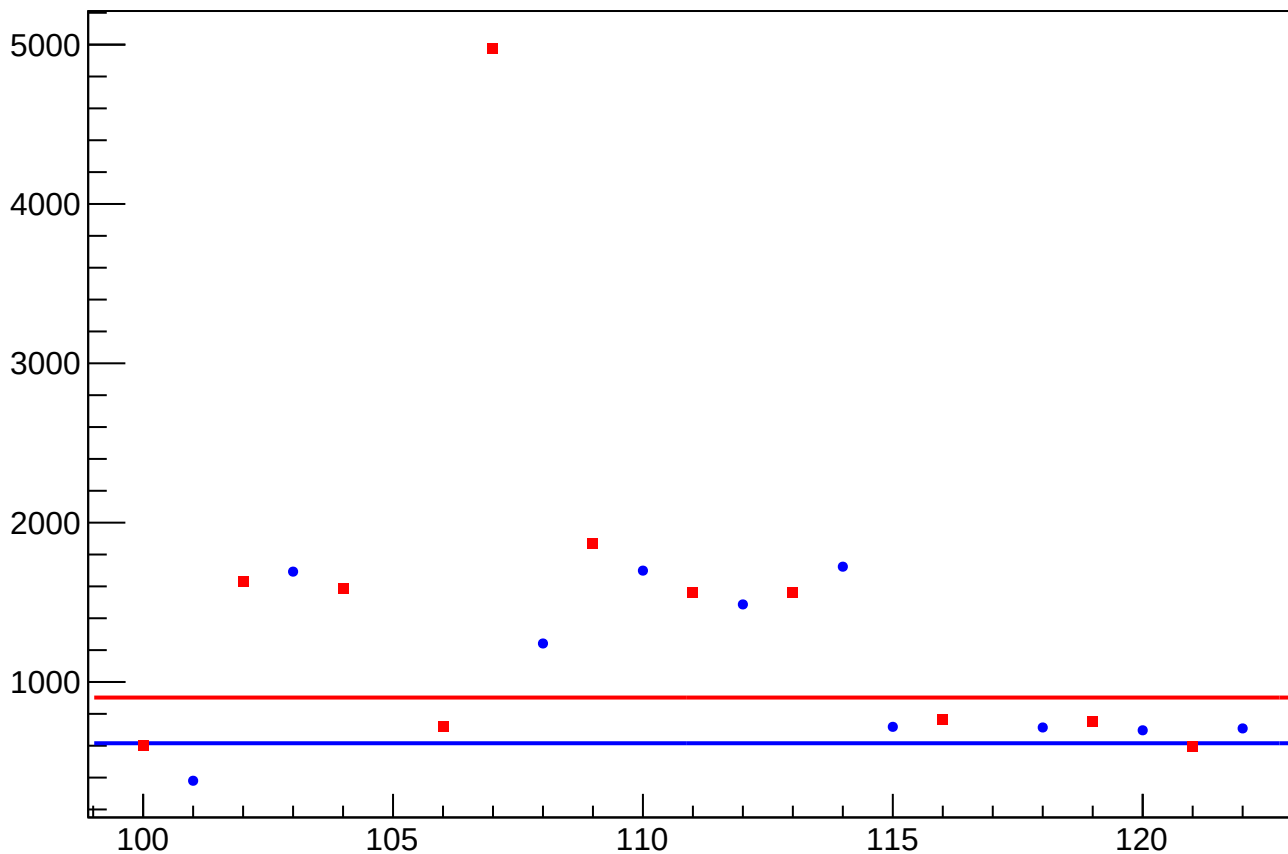
Right: -201.174+/-281.942 χ^2/NDF : 28.5/20

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

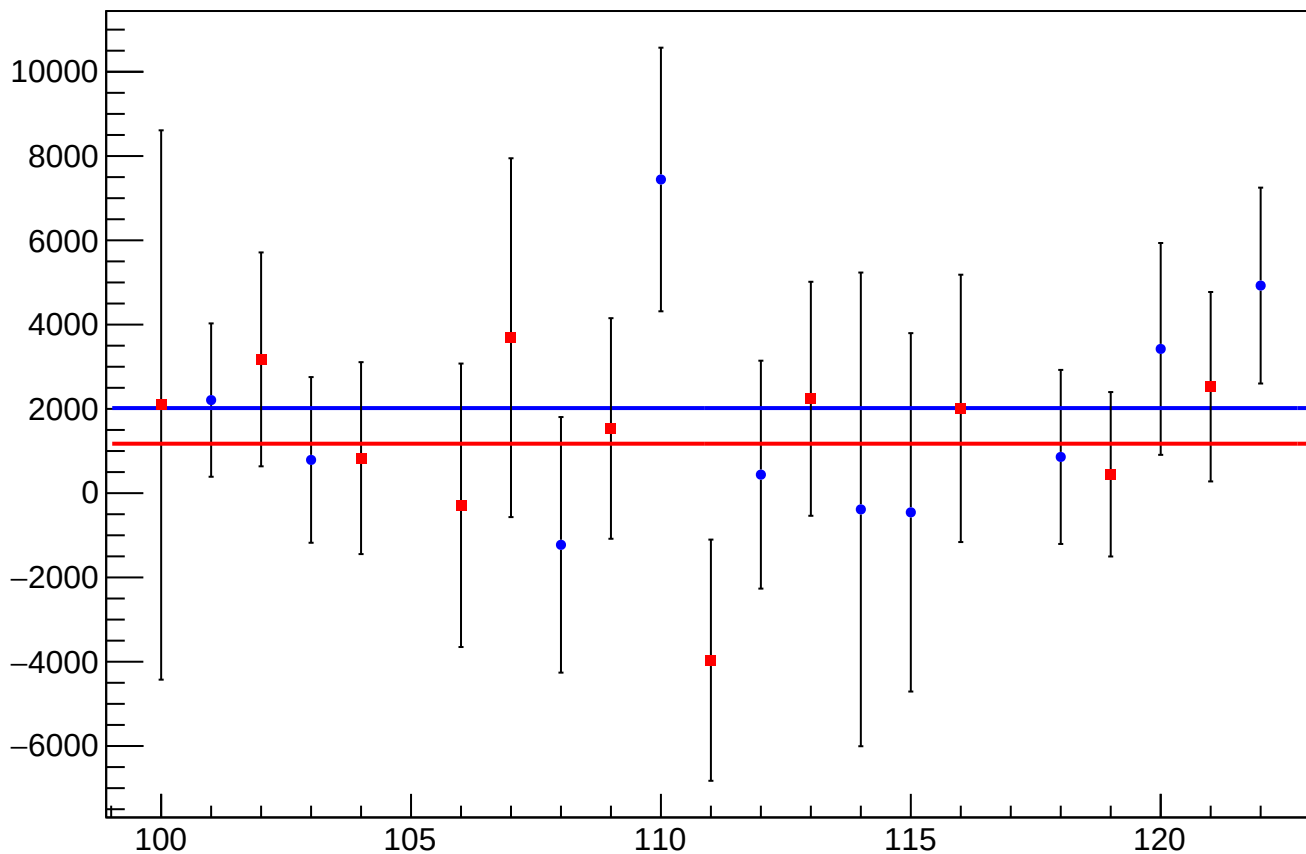
Right: 716.987+/-0.199 χ^2/NDF : 4180364.6/20

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

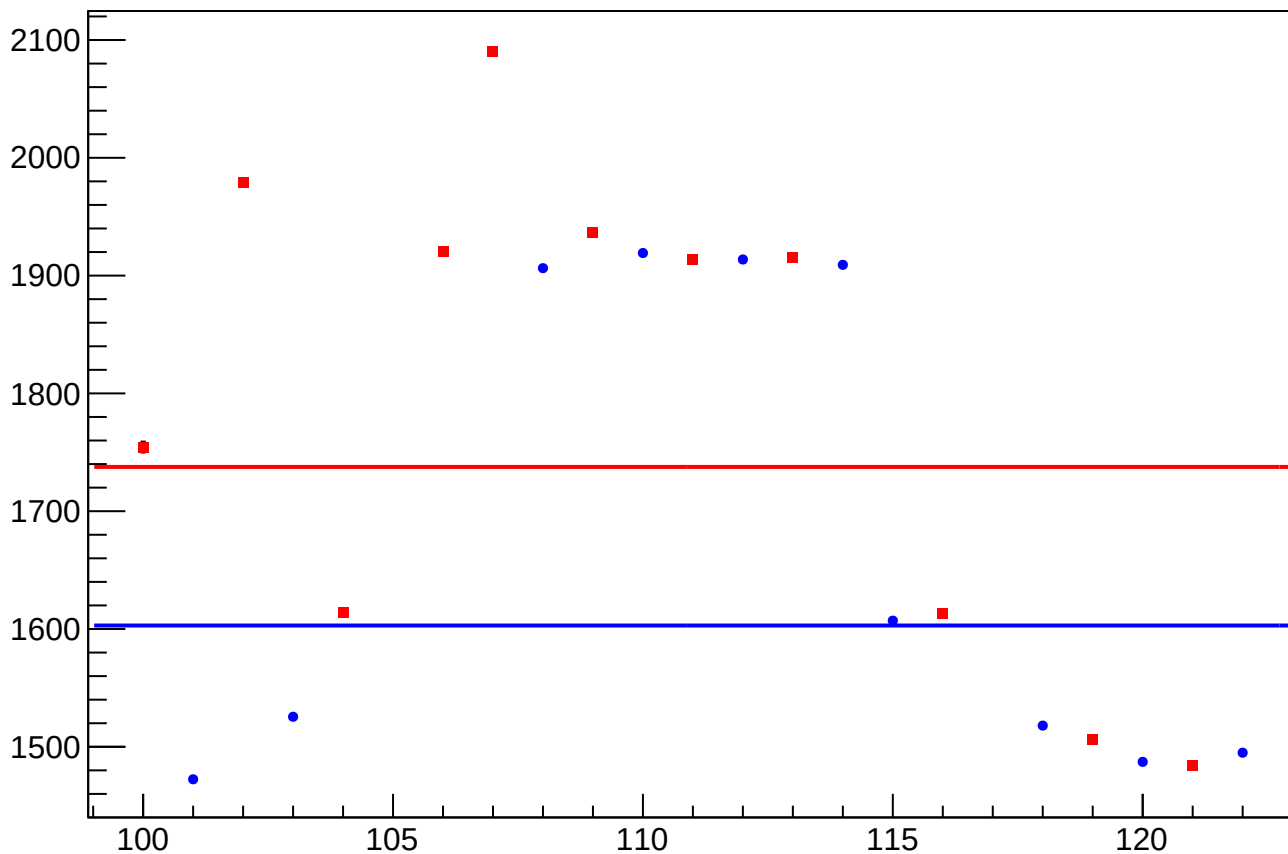
Right: 1610.316+/-572.953 χ^2/NDF : 13.3/20

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

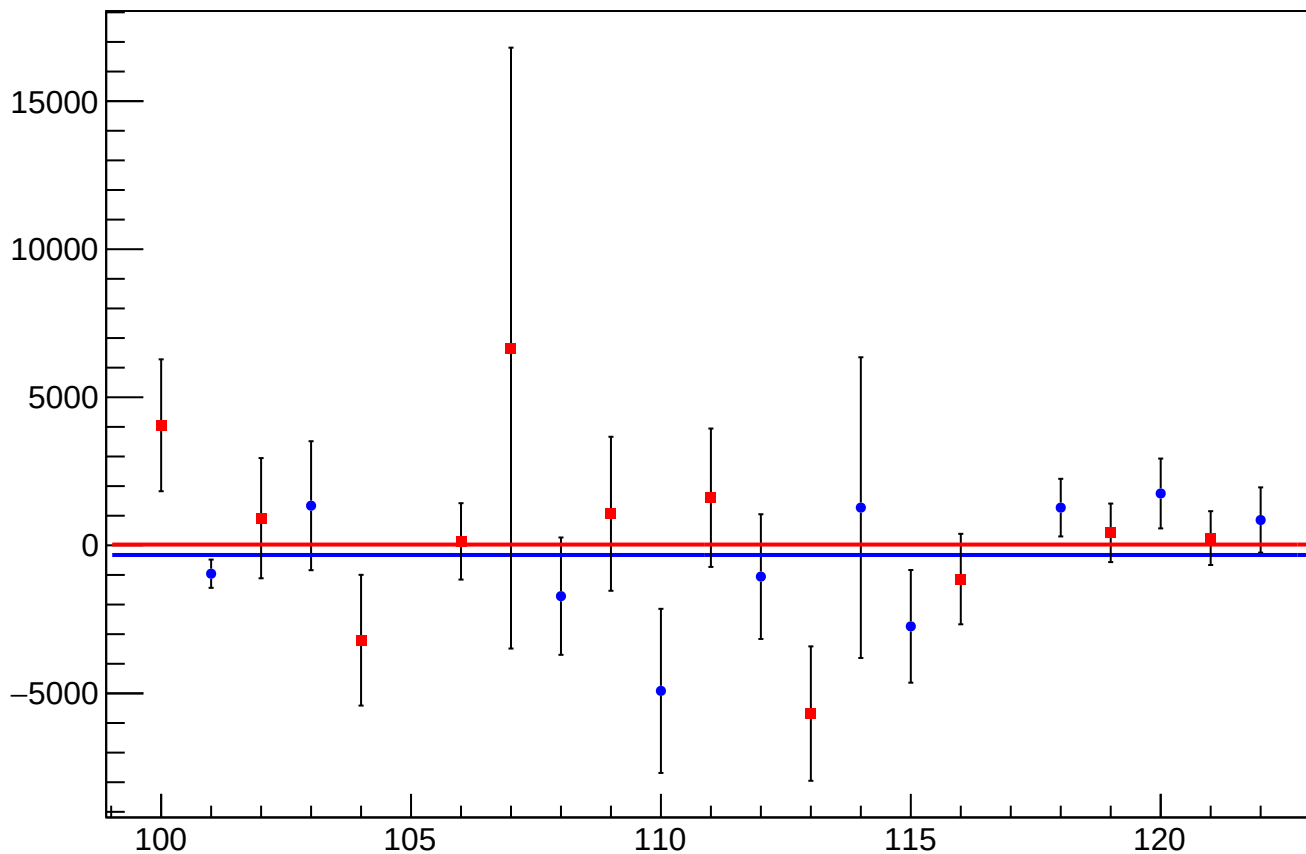
Right: 1668.060+/-0.405 χ^2/NDF : 253373.5/20

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

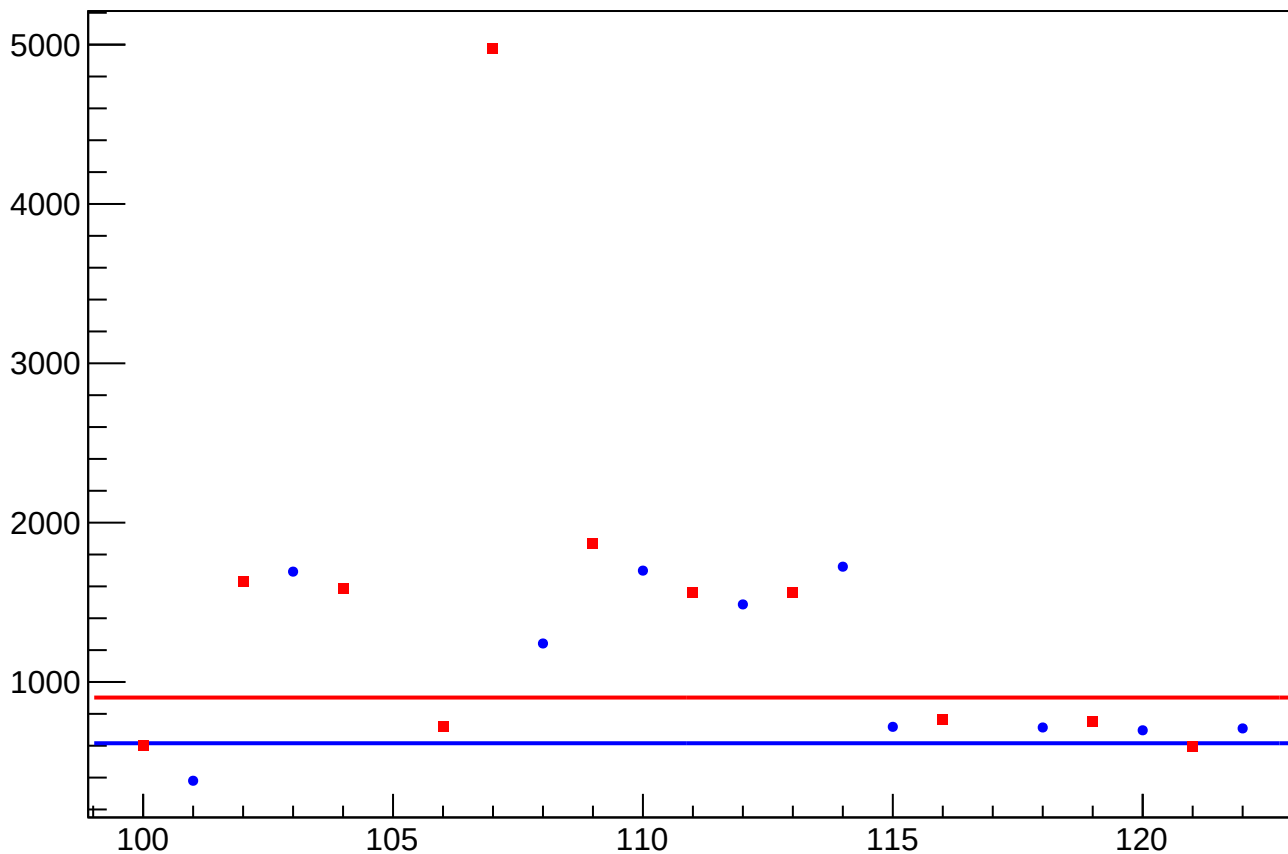
Right: -201.172+/-281.942 χ^2/NDF : 28.5/20

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

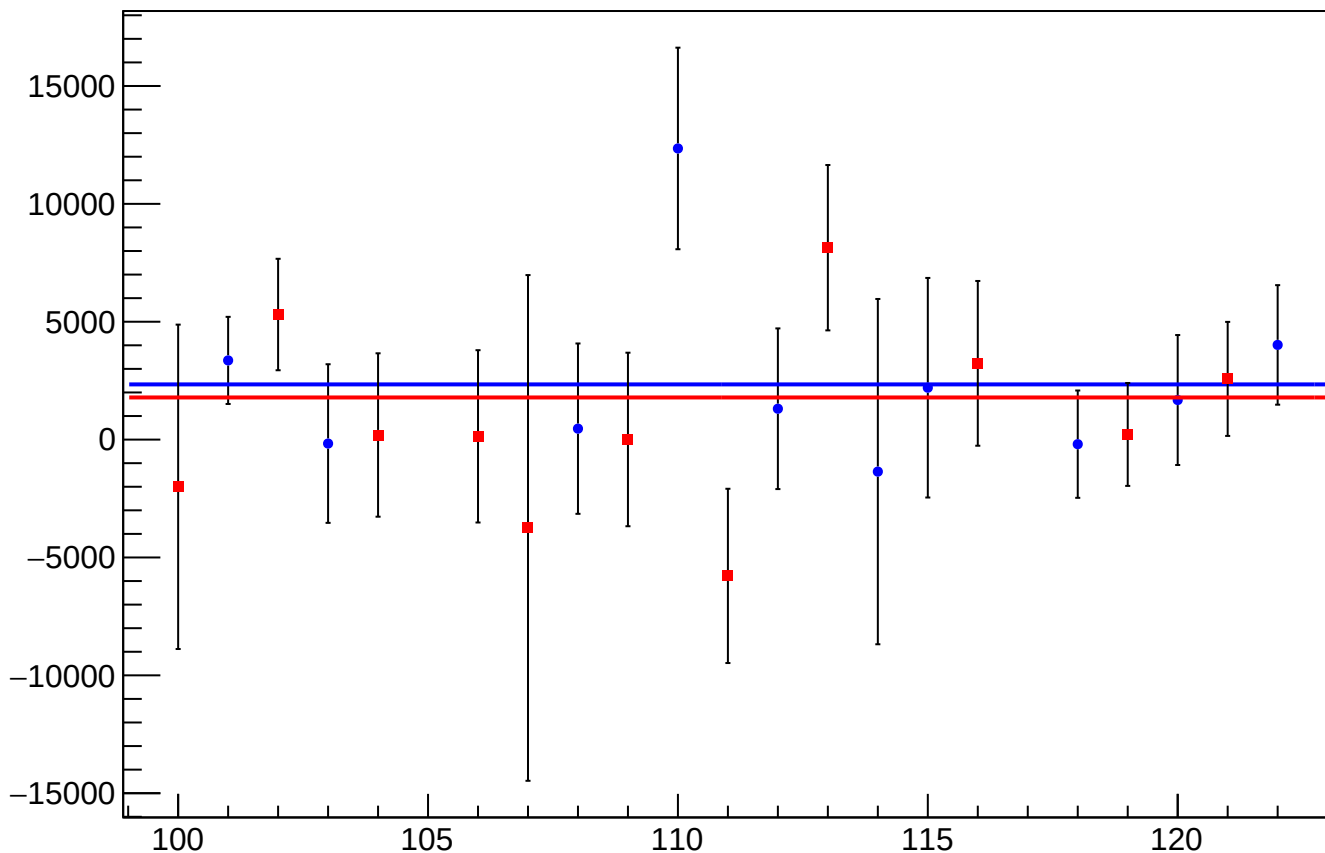
Right: 716.987+/-0.199 χ^2/NDF : 4180360.6/20

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

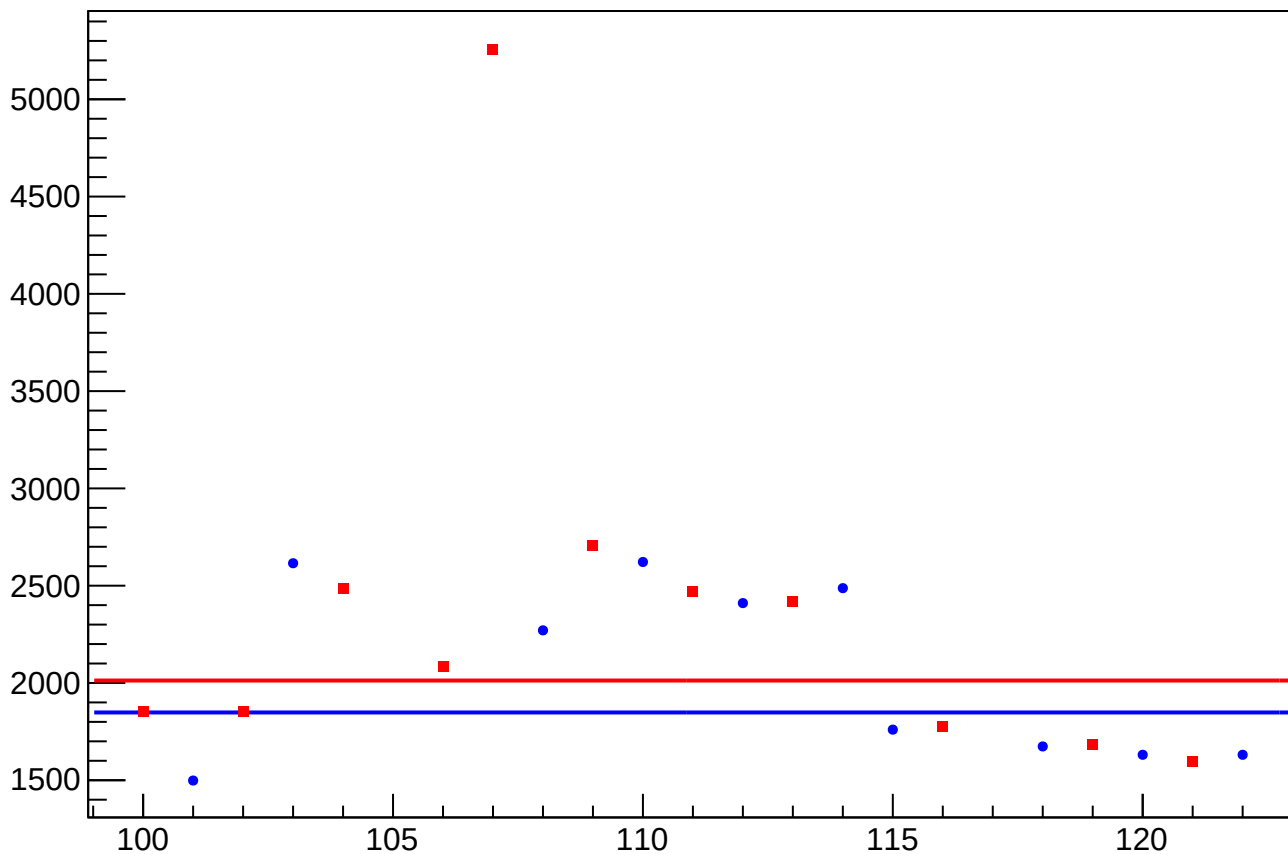
Right: 2075.431+/-673.994 χ^2/NDF : 20.6/20

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

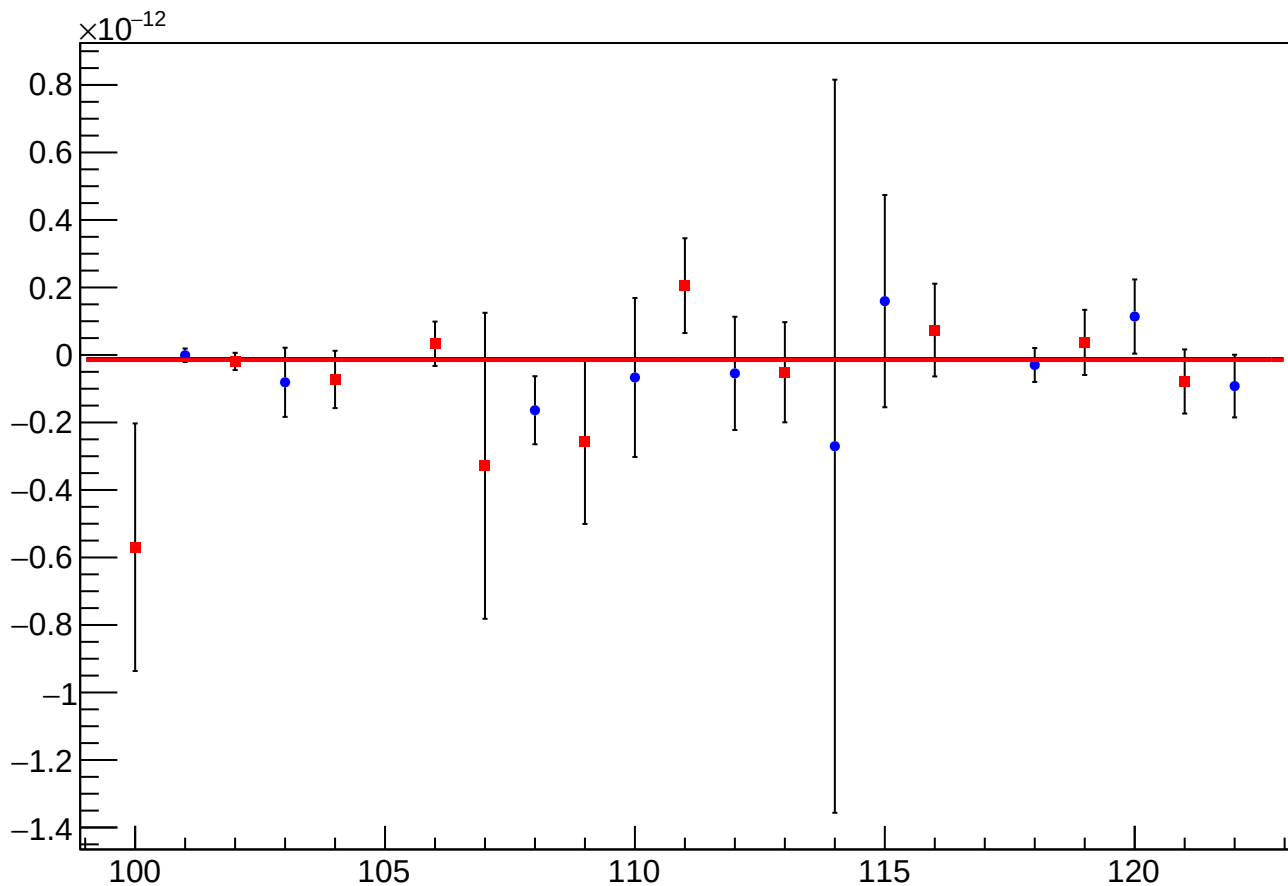
Right: 1927.273+/-0.477 χ^2/NDF : 880966.7/20

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

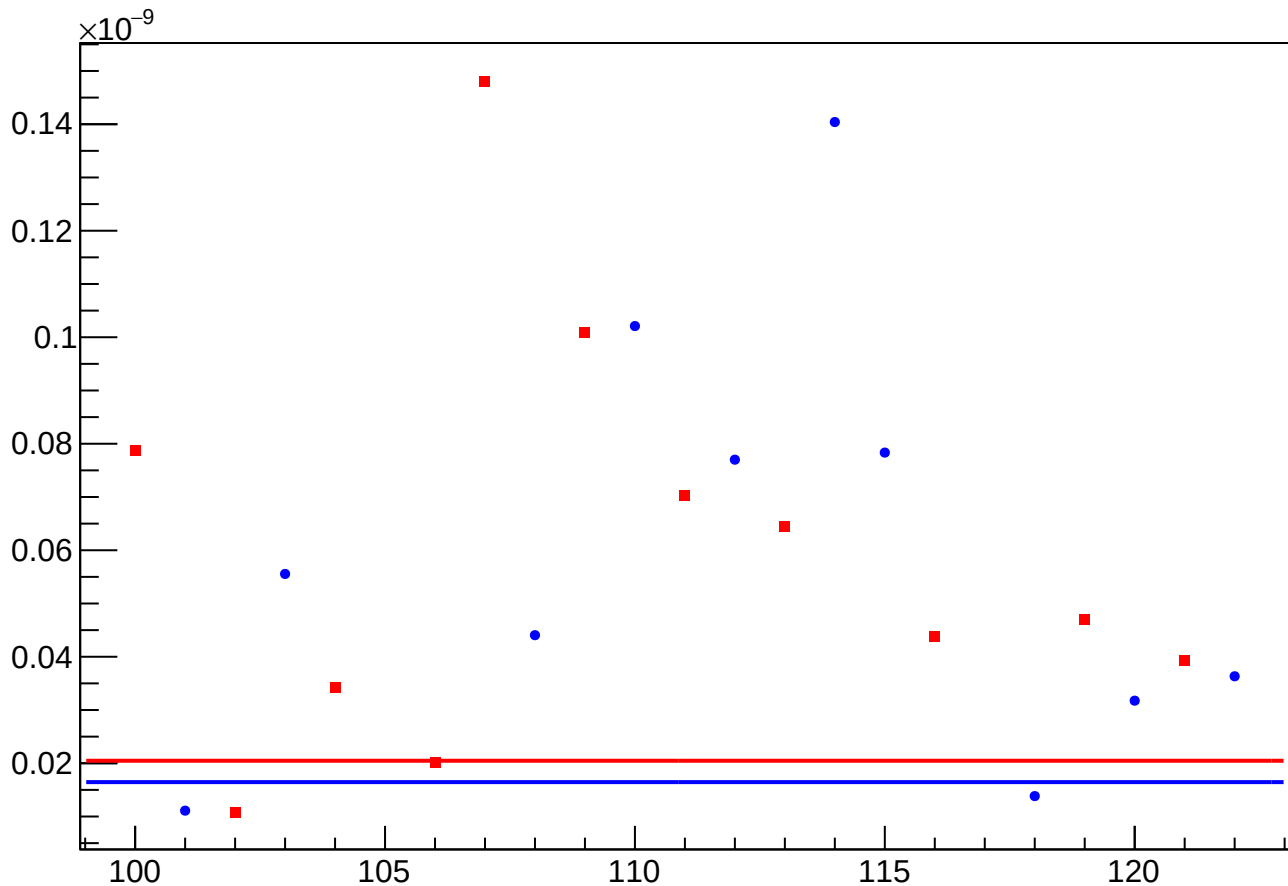
Right: -0.000+/-0.000 χ^2 /NDF: 14.2/20

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

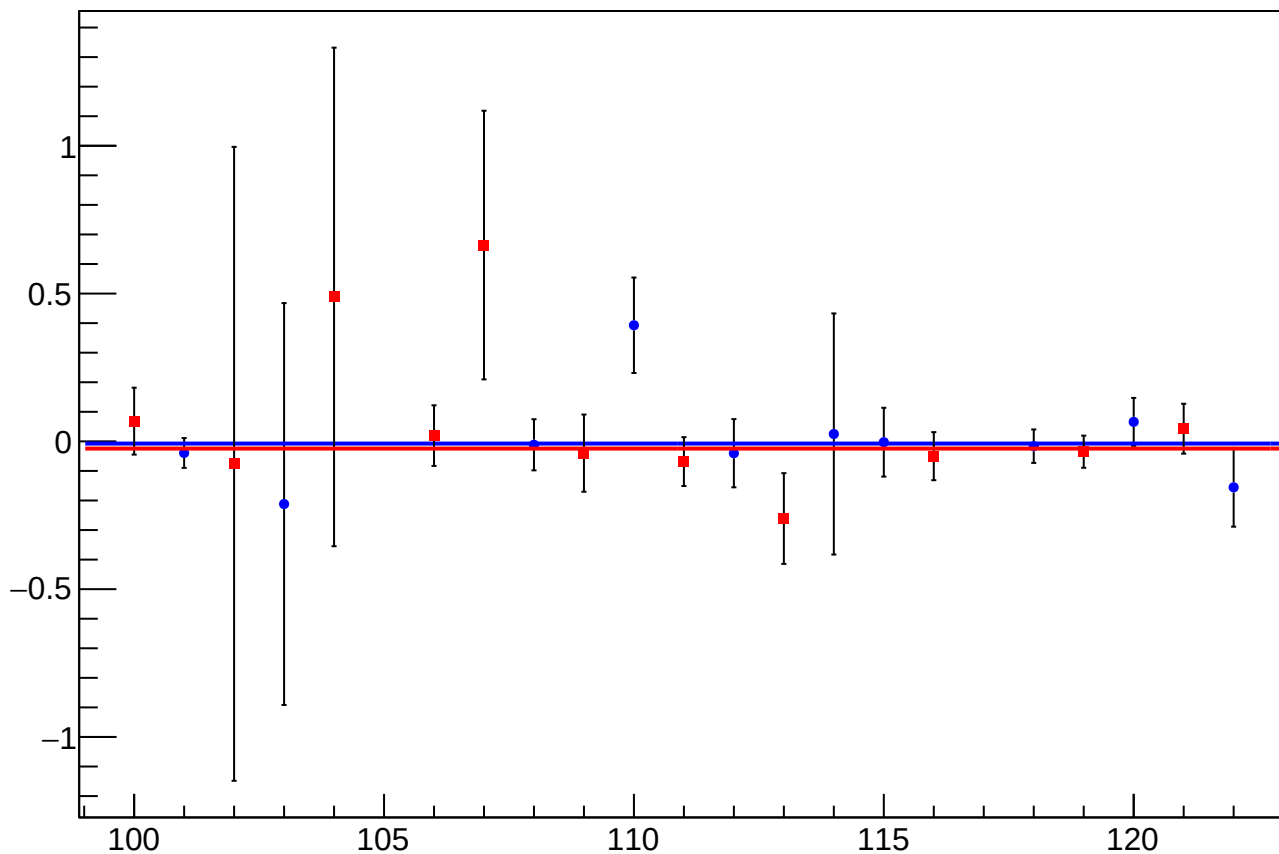
Right: 0.000+/-0.000 χ^2/NDF : 2878396.2/20

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 $\pm$ 0.028 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.031 χ^2 /NDF: 7.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

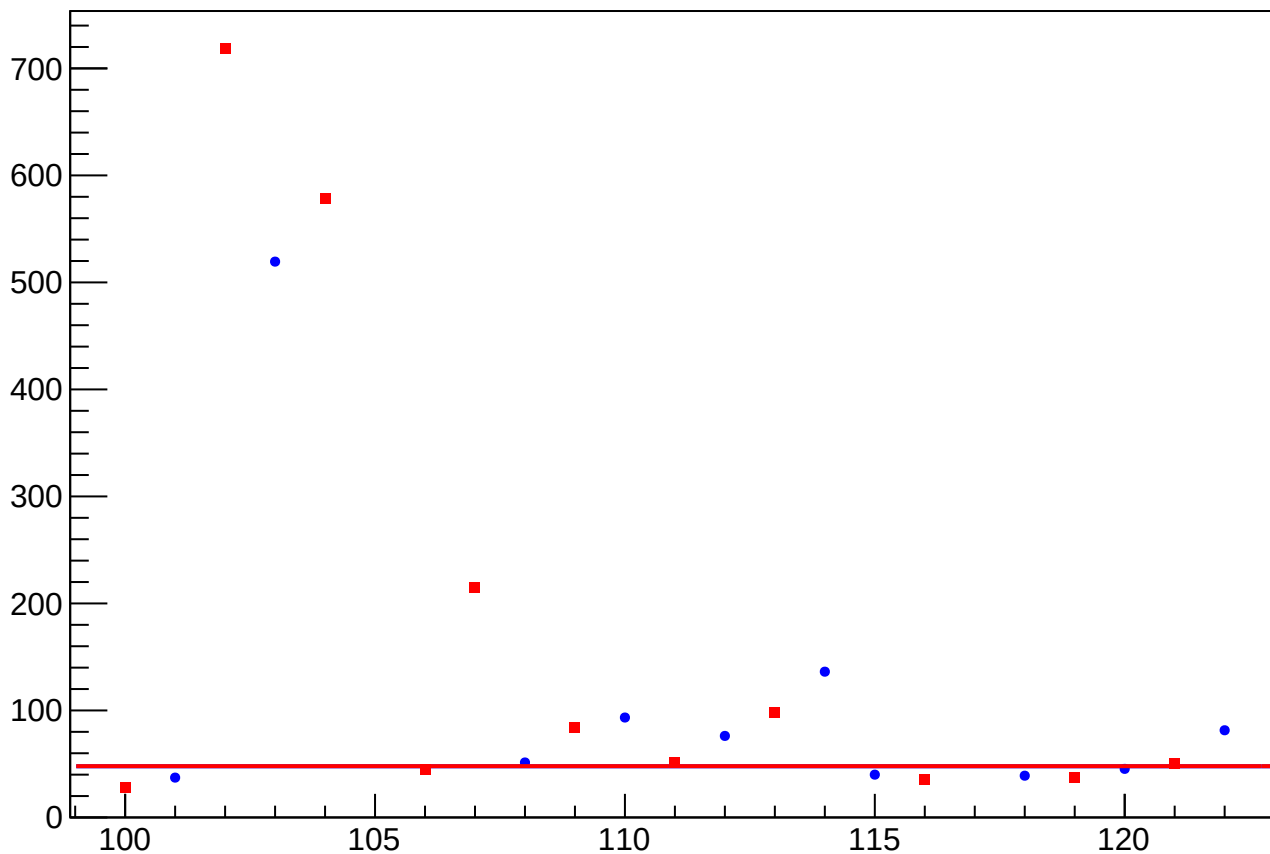
Right: -0.015 $\pm$ 0.021 χ^2 /NDF: 15.9/20

In: -0.007 $\pm$ 0.028 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 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

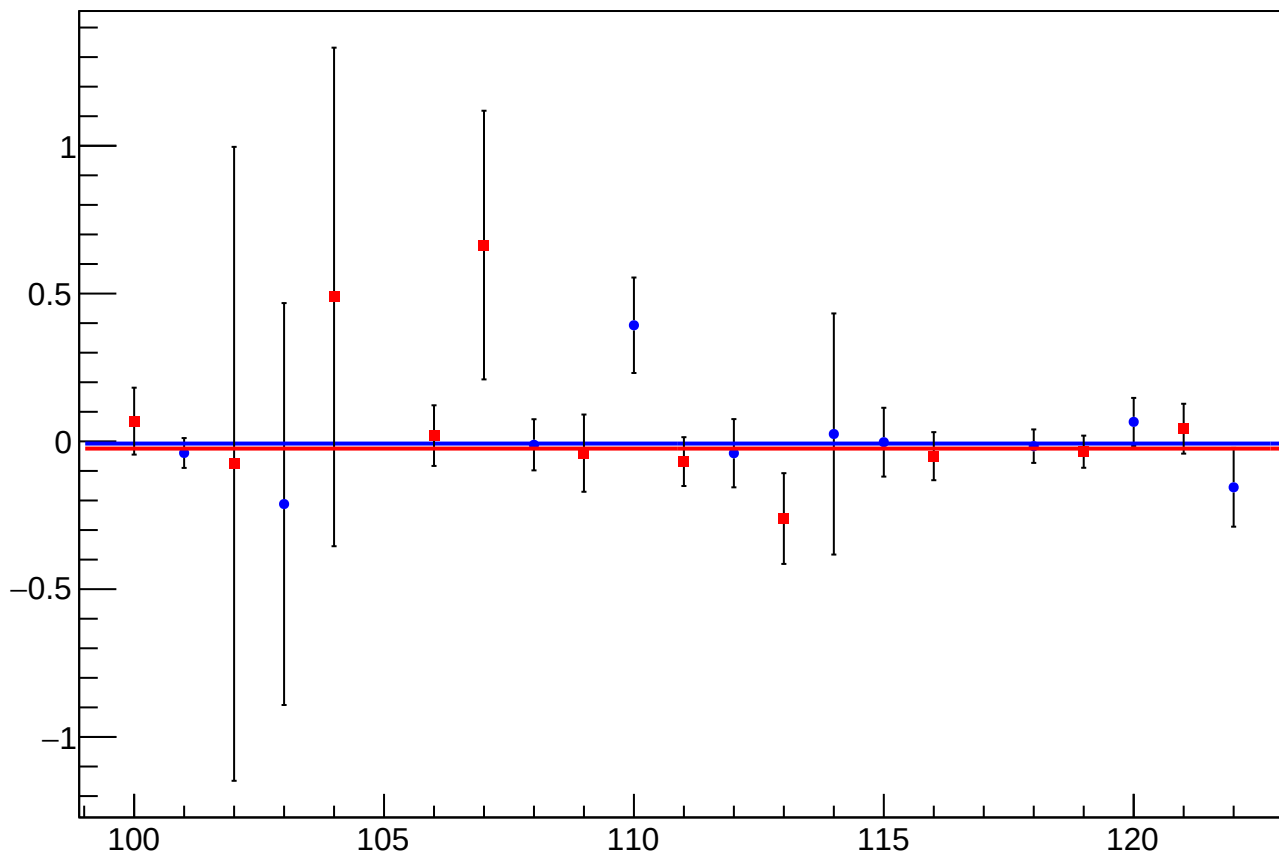
Right: 47.858+/-0.015 χ^2/NDF : 4010731.0/20

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

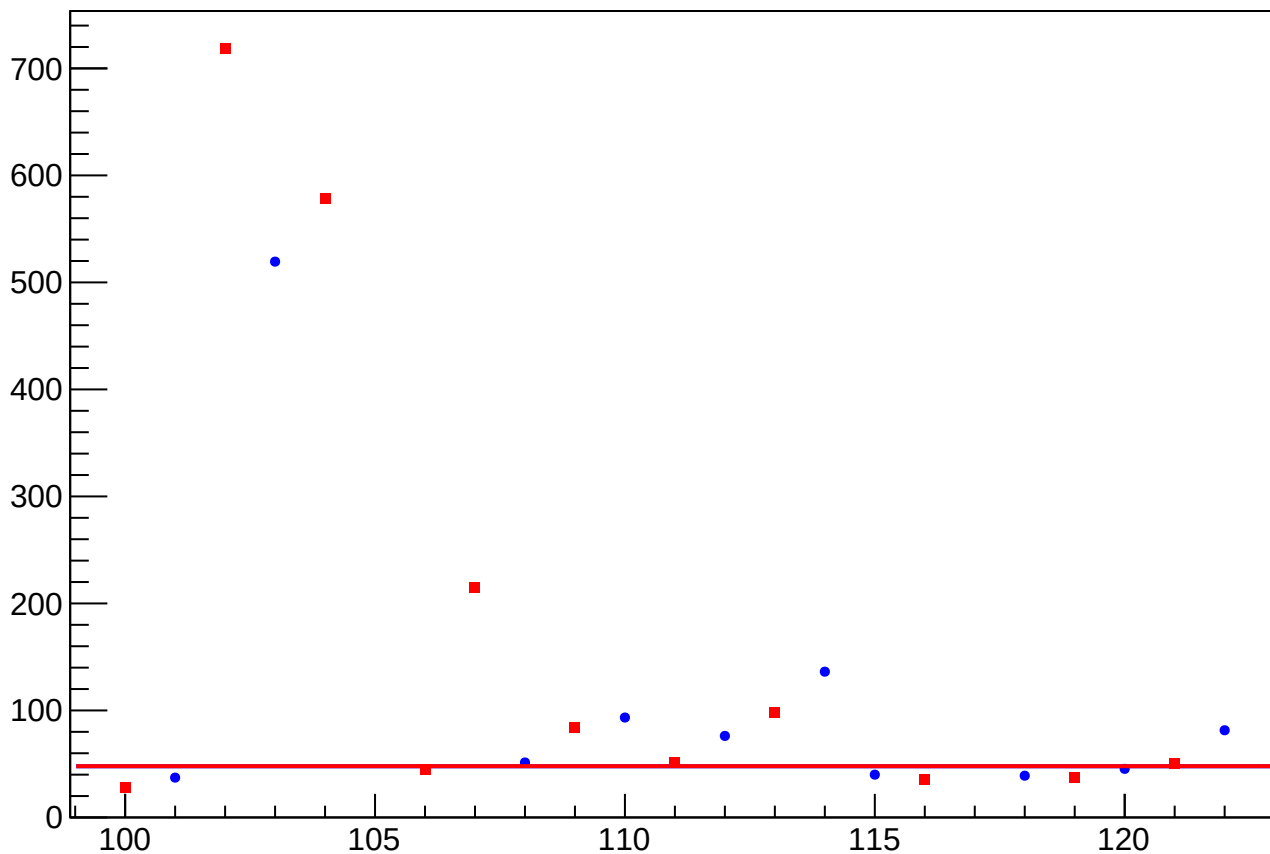
Right: -0.015+/-0.021 χ^2/NDF : 15.9/20

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

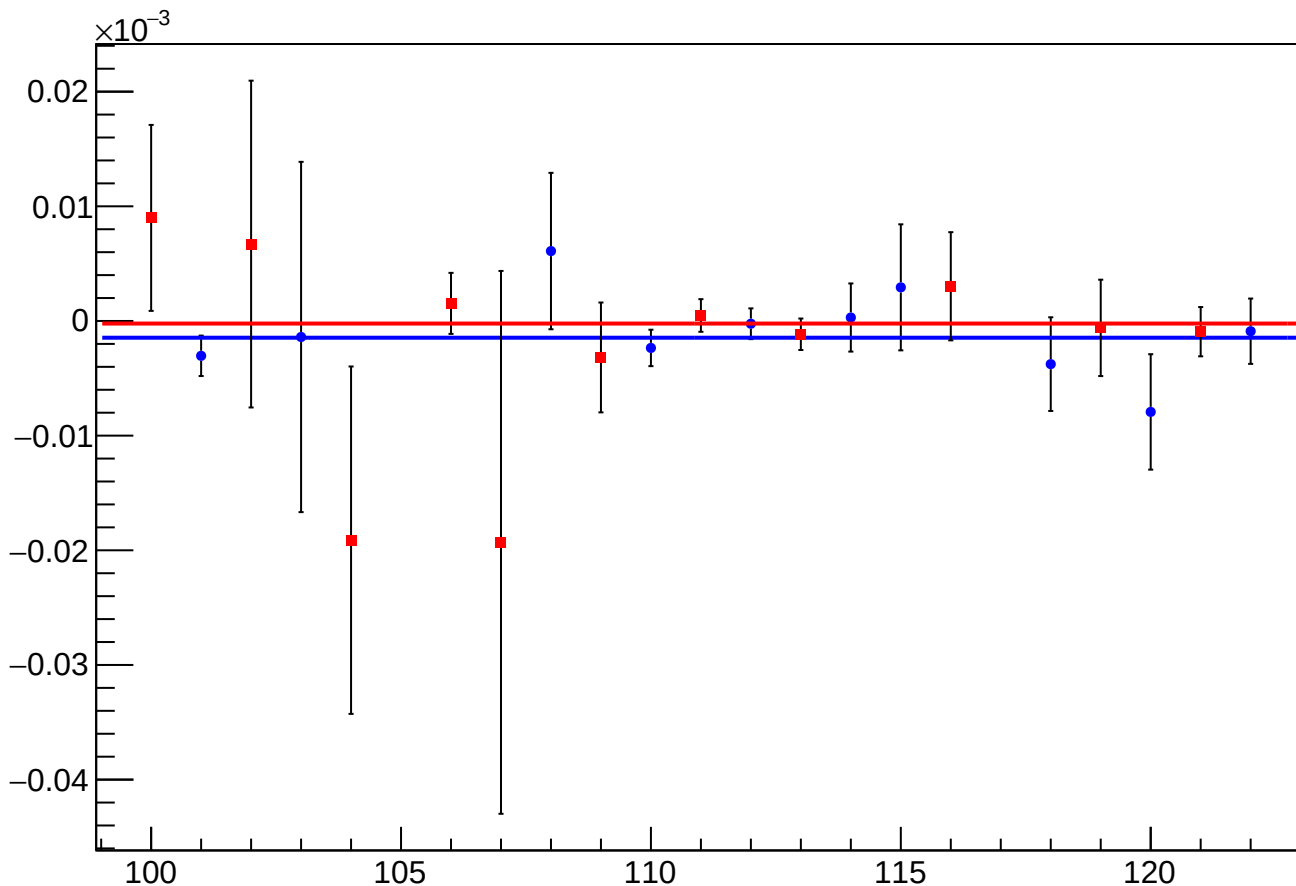
Right: 47.858+/-0.015 χ^2/NDF : 4010731.0/20

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

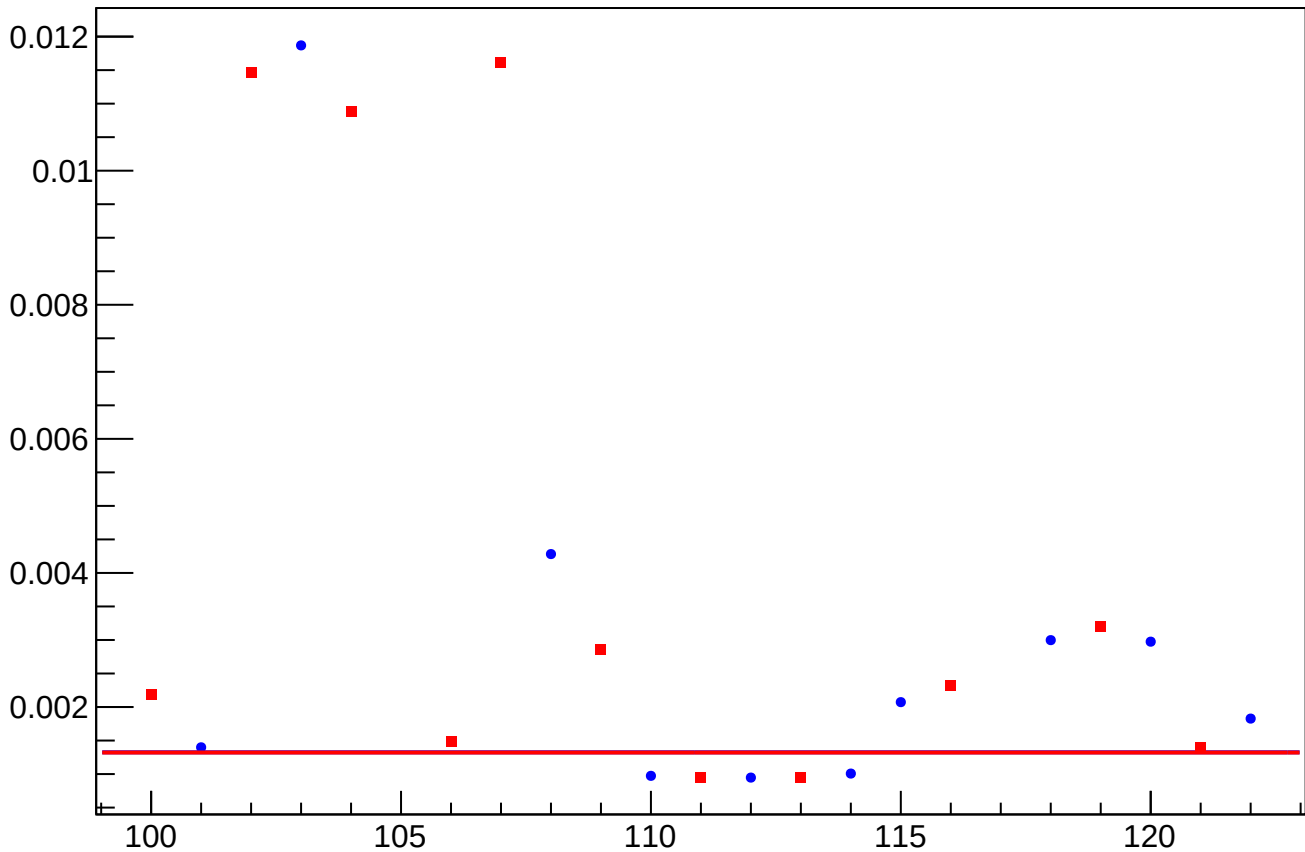
asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

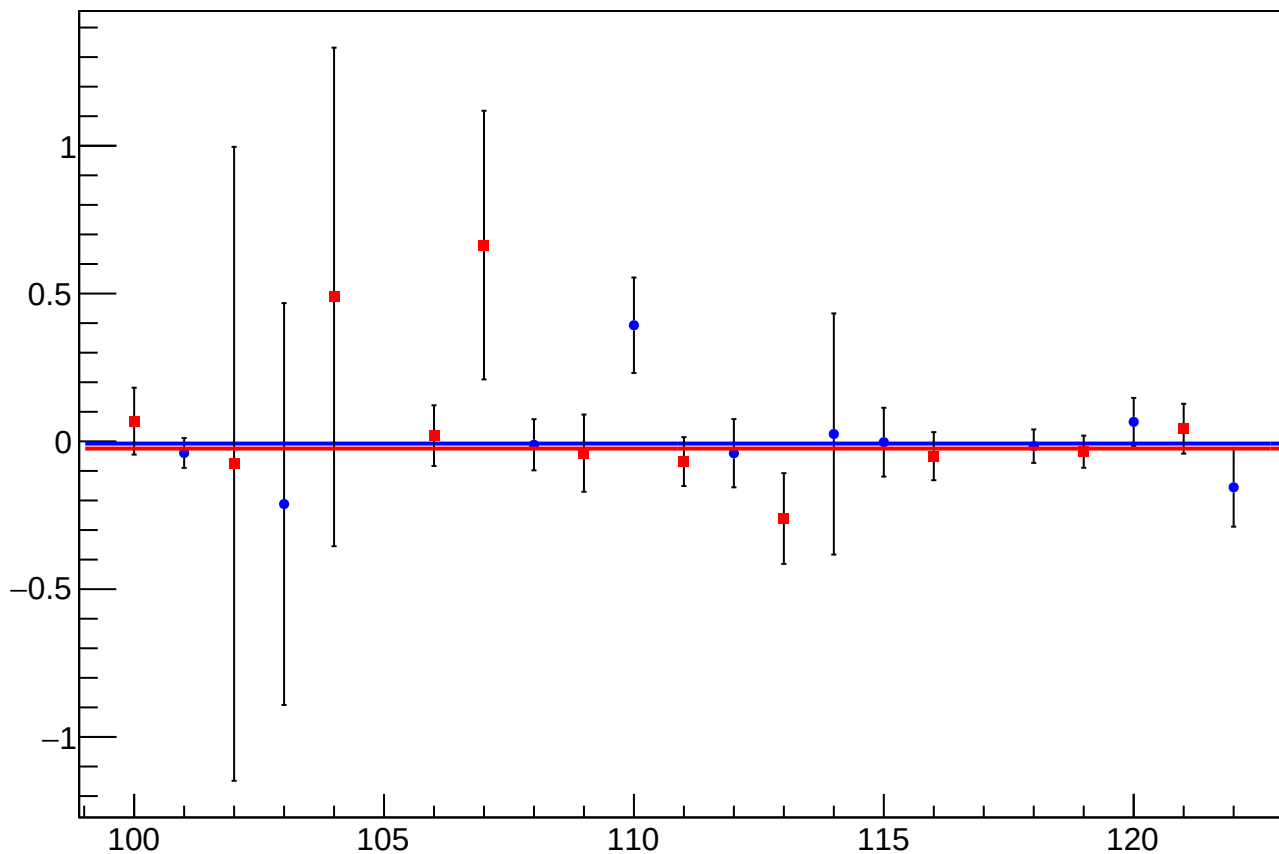
Right: 0.001+/-0.000 χ^2/NDF : 5463815.8/20

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

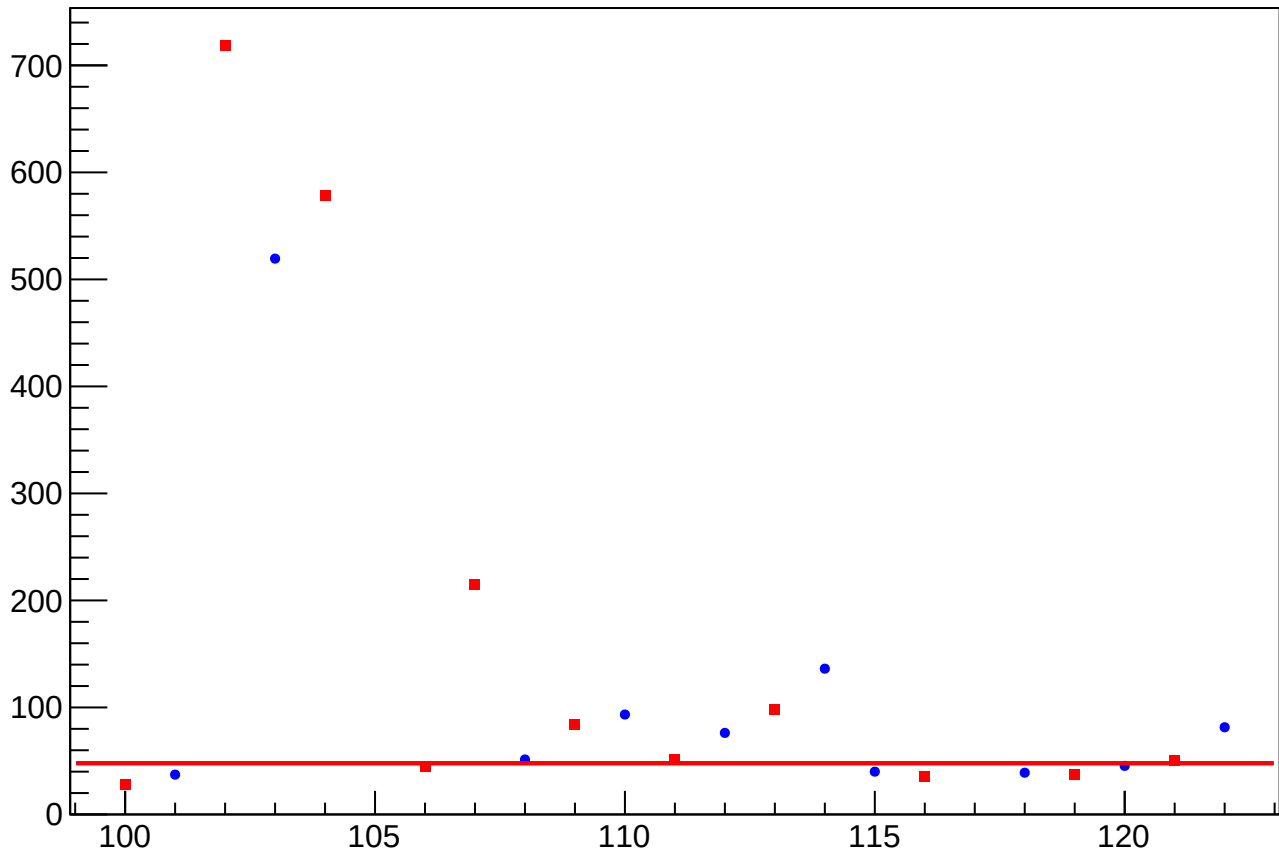
Right: -0.015 ± 0.021 χ^2/NDF : 15.9/20

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

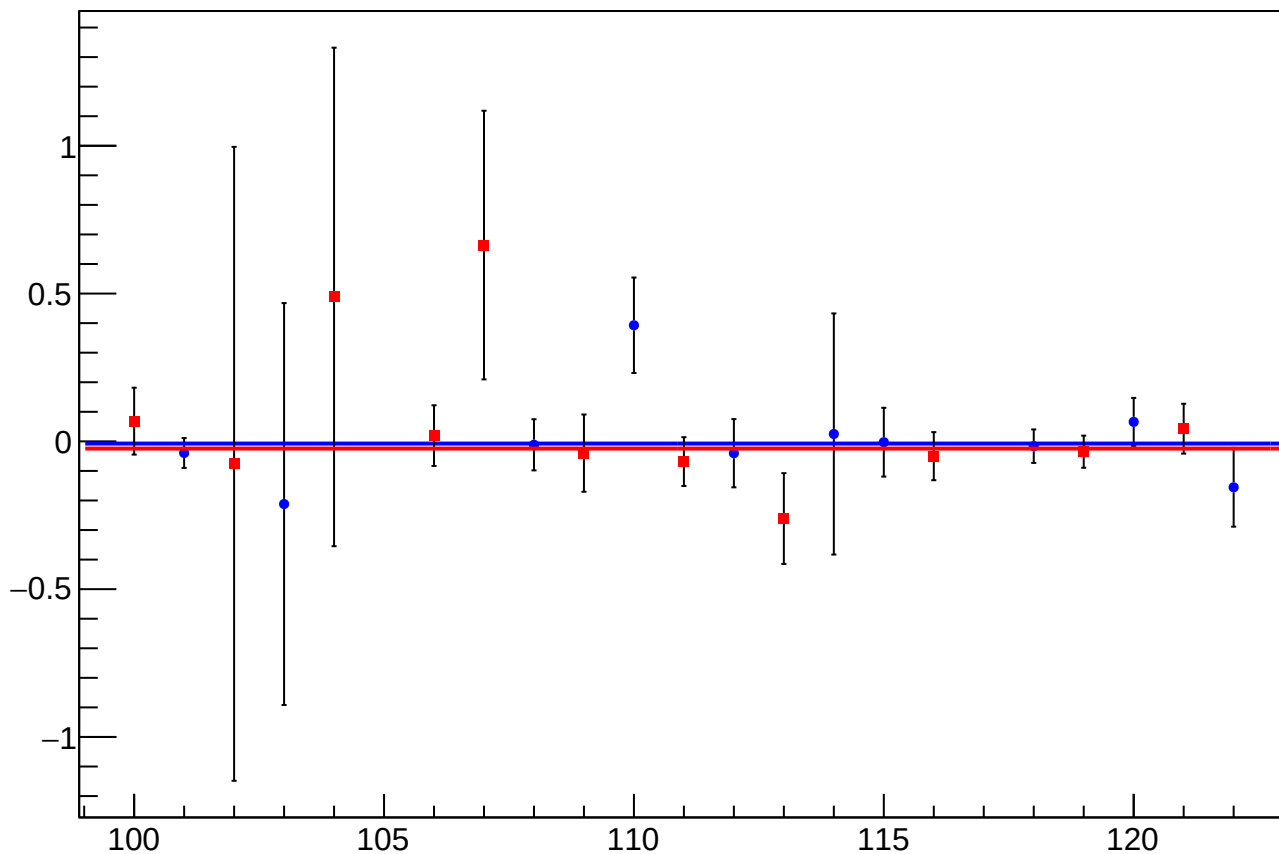
Right: 47.857+/-0.015 χ^2/NDF : 4010740.2/20

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

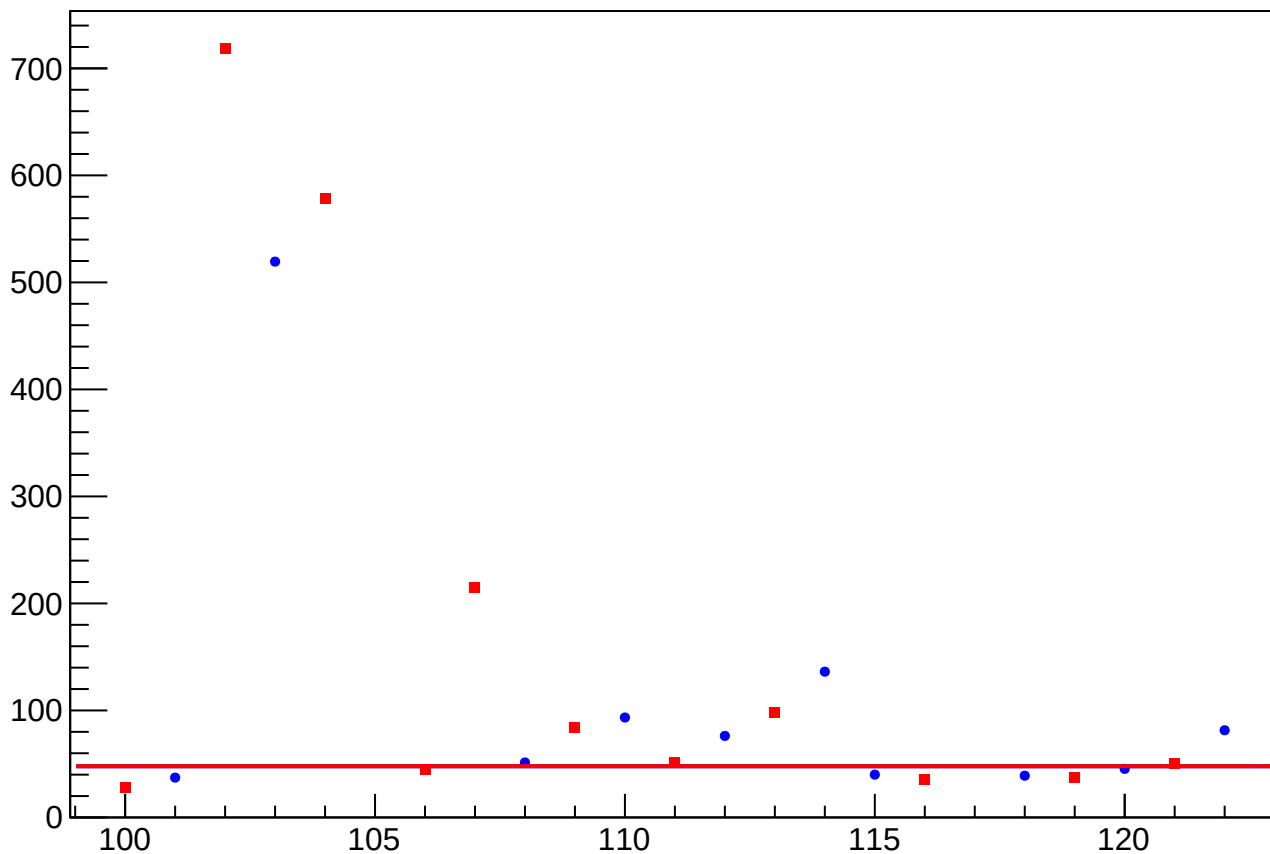
Right: -0.015 ± 0.021 χ^2/NDF : 15.9/20

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

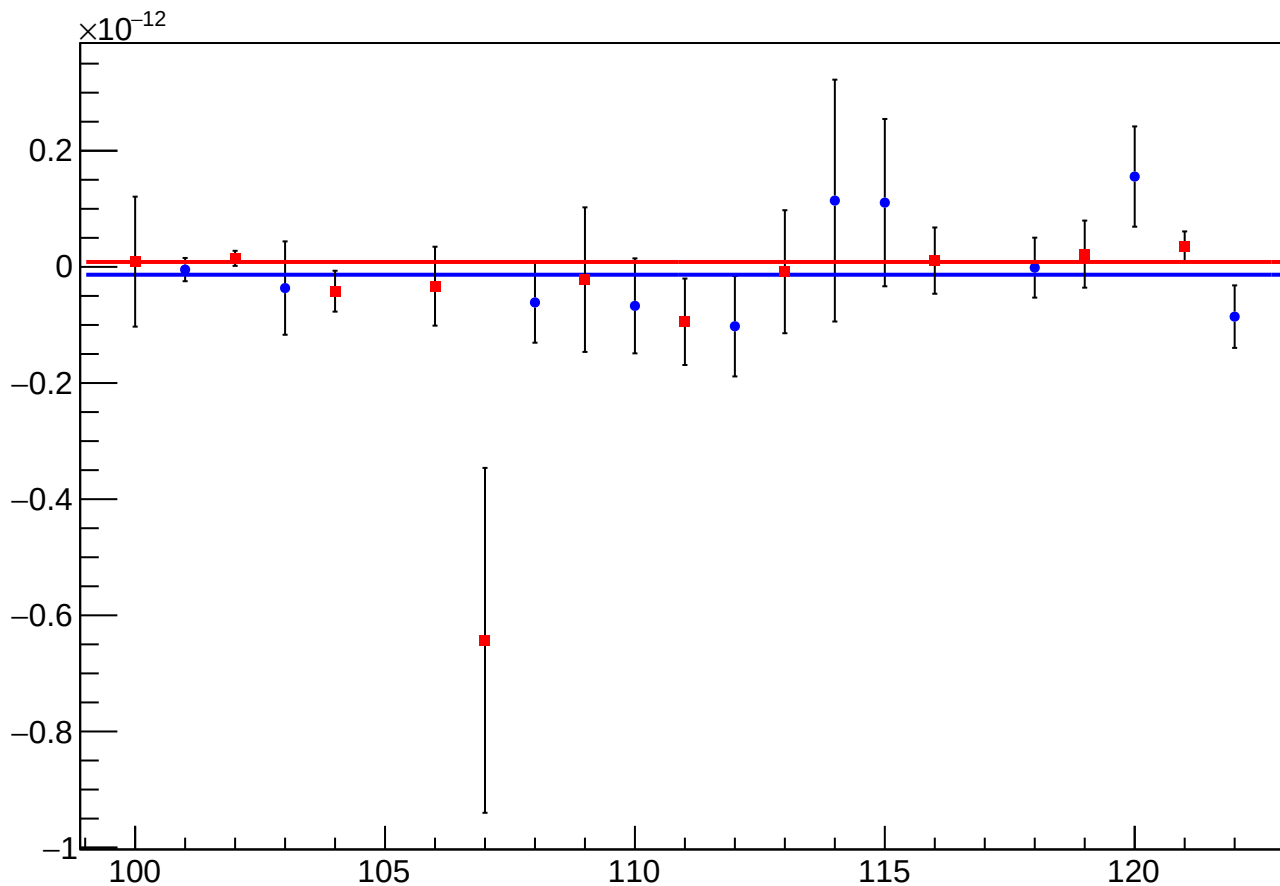
Right: 47.857+/-0.015 χ^2/NDF : 4010740.2/20

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

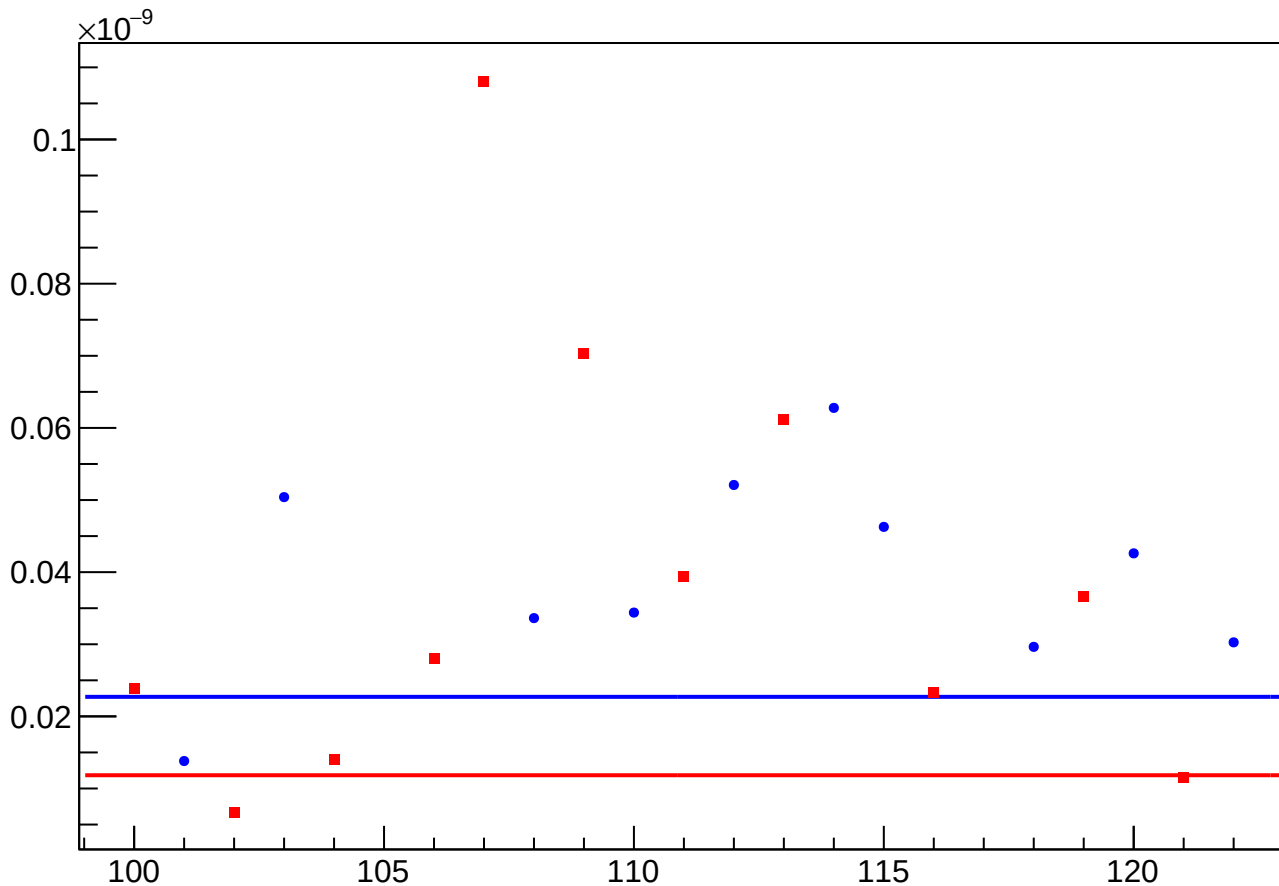
Right: 0.000+/-0.000 χ^2/NDF : 20.9/20

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

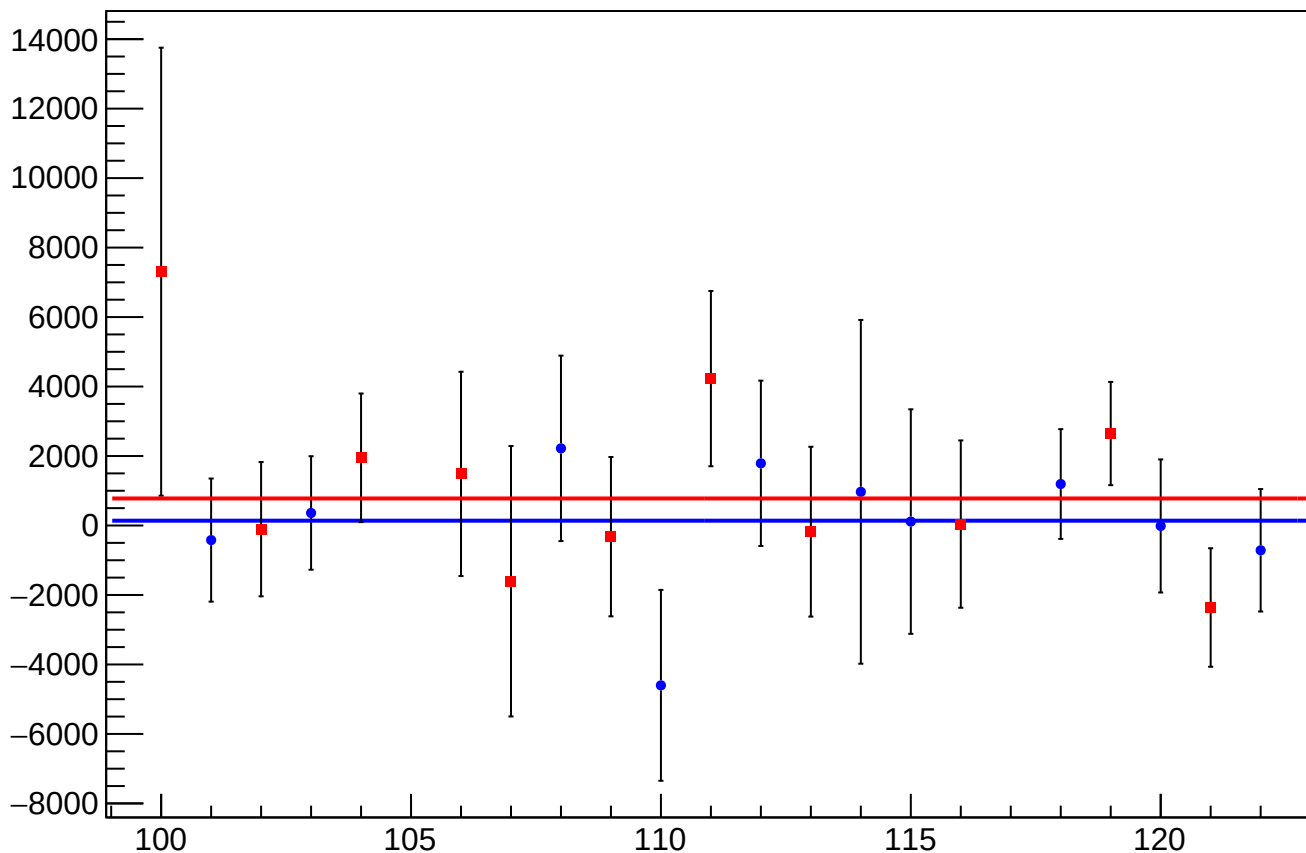
Right: 0.000+/-0.000 χ^2/NDF : 4206553.0/20

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

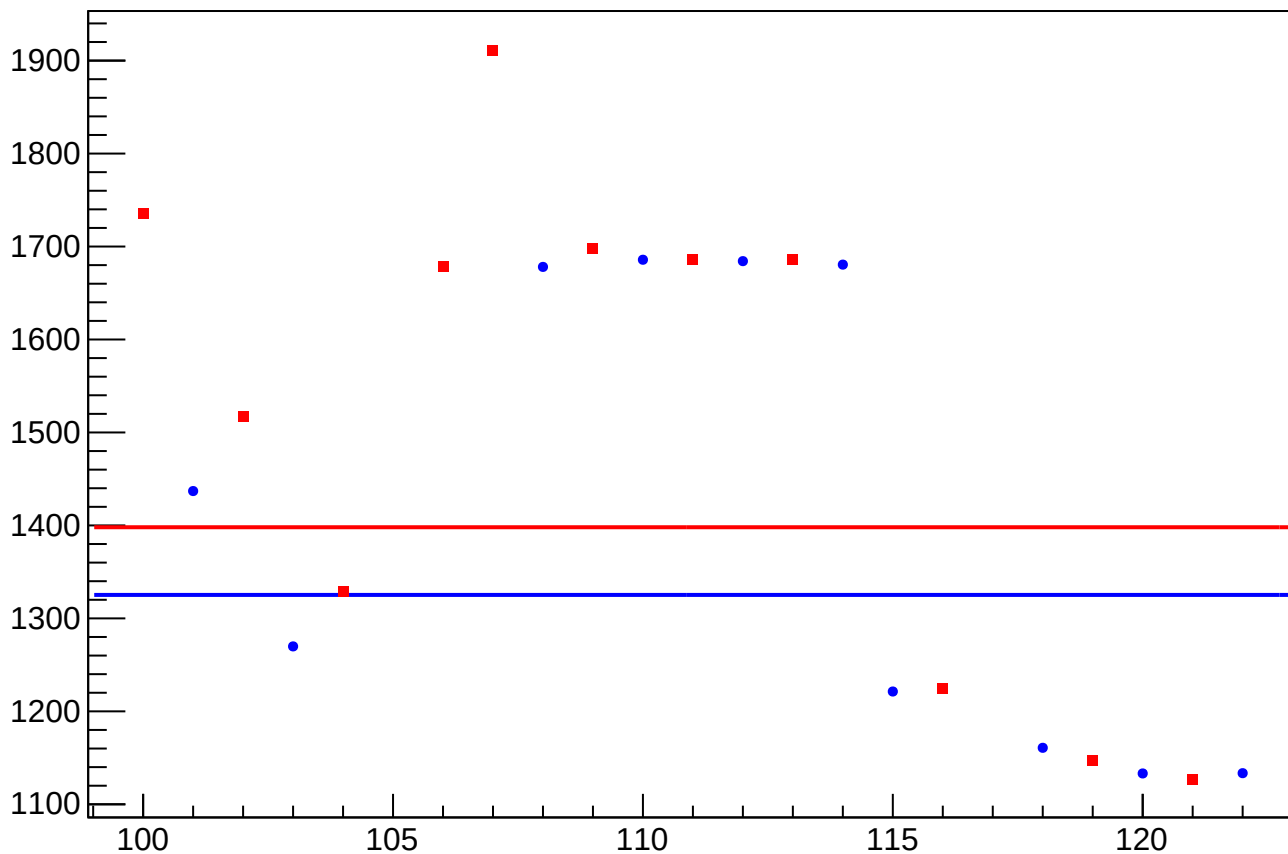
Right: 456.644+/-470.191 χ^2/NDF : 14.7/20

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

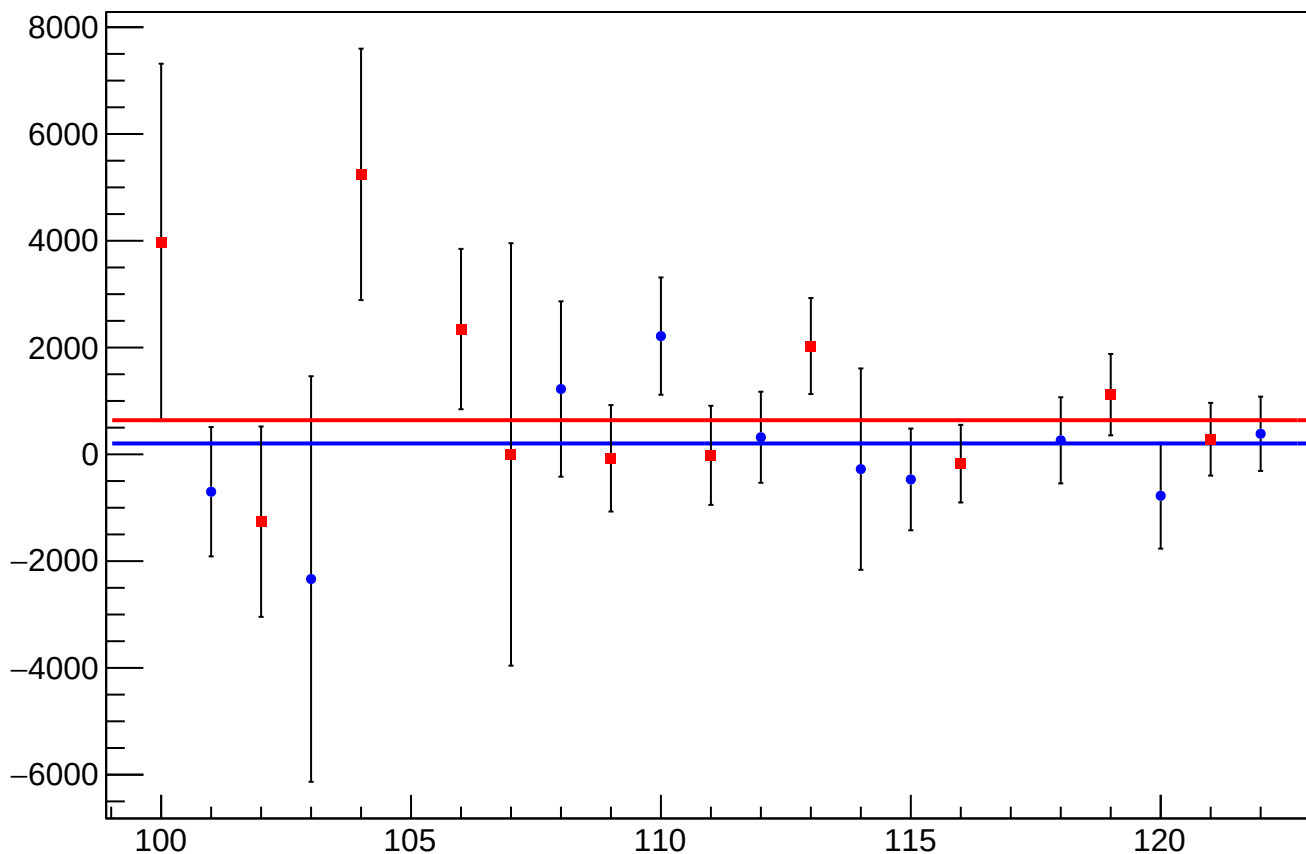
Right: 1361.435+/-0.332 χ^2/NDF : 489885.9/20

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

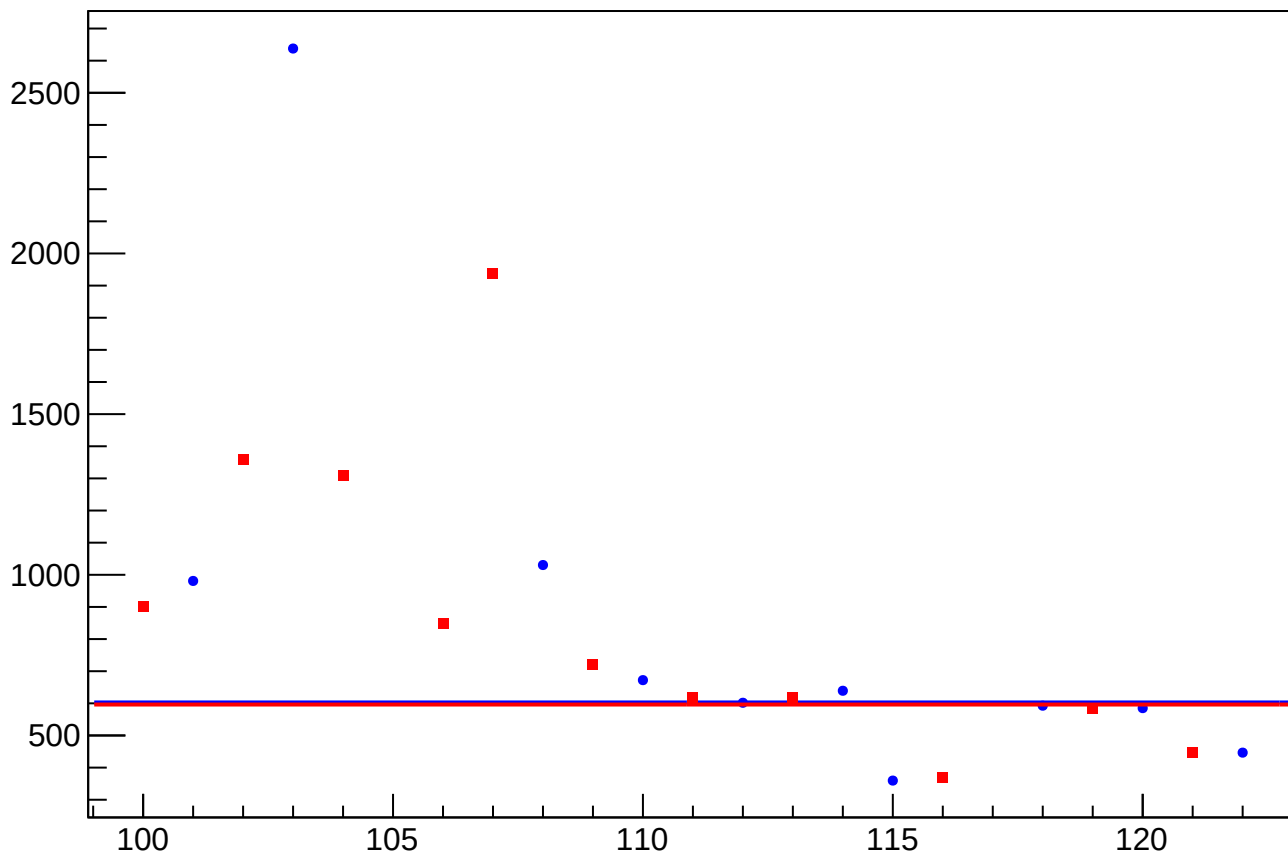
Right: 431.891+/-225.910 χ^2/NDF : 19.9/20

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

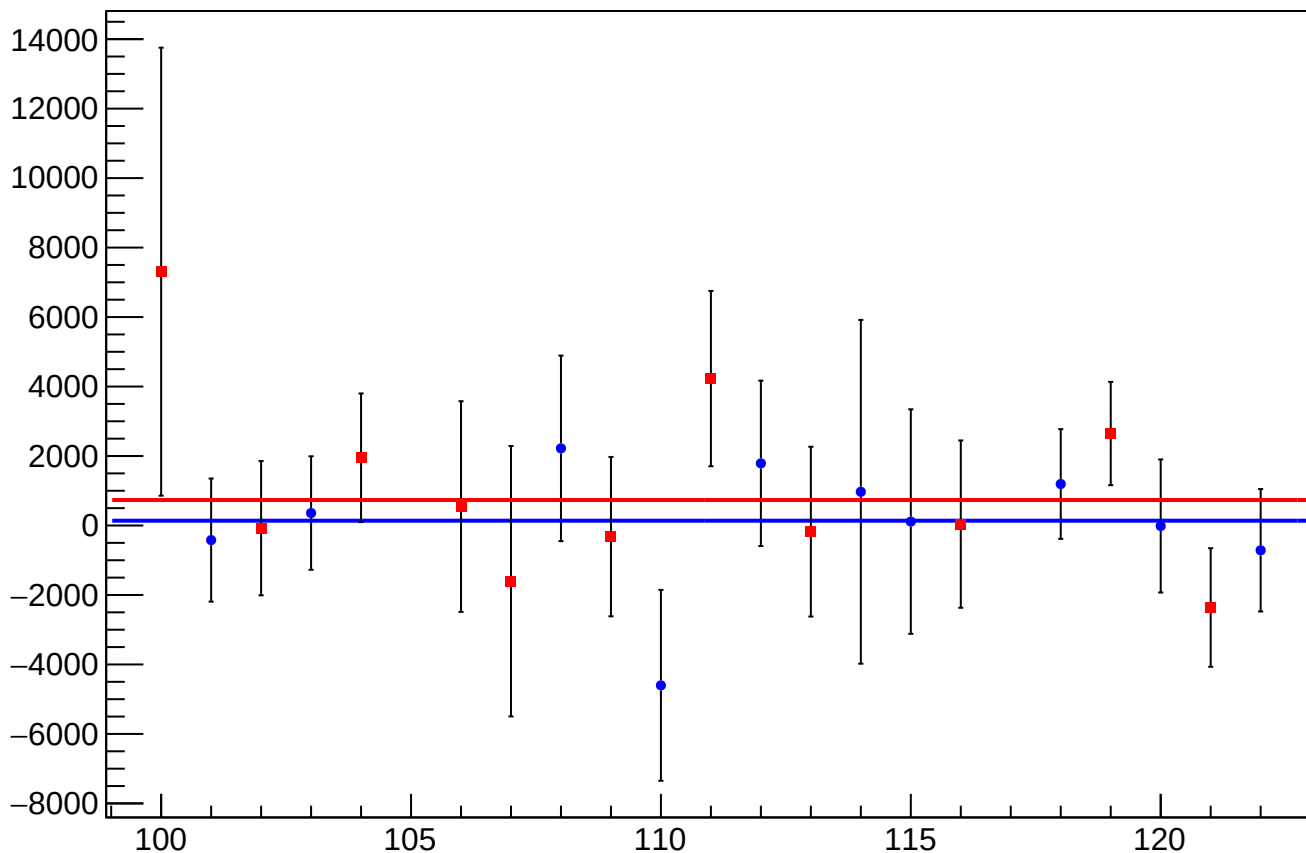
Right: 599.370+/-0.160 χ^2/NDF : 2326548.5/20

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

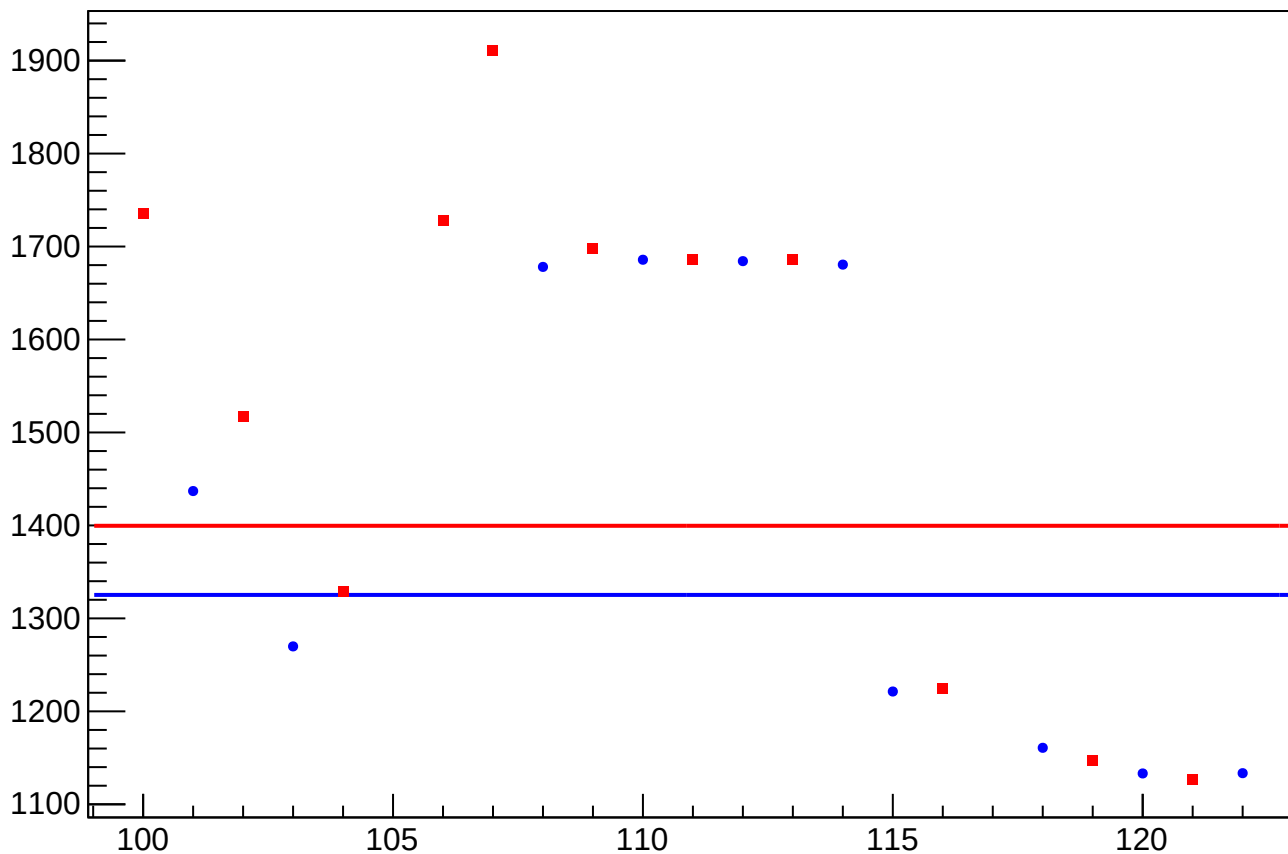
Right: 434.046+/-470.555 χ^2/NDF : 14.6/20

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

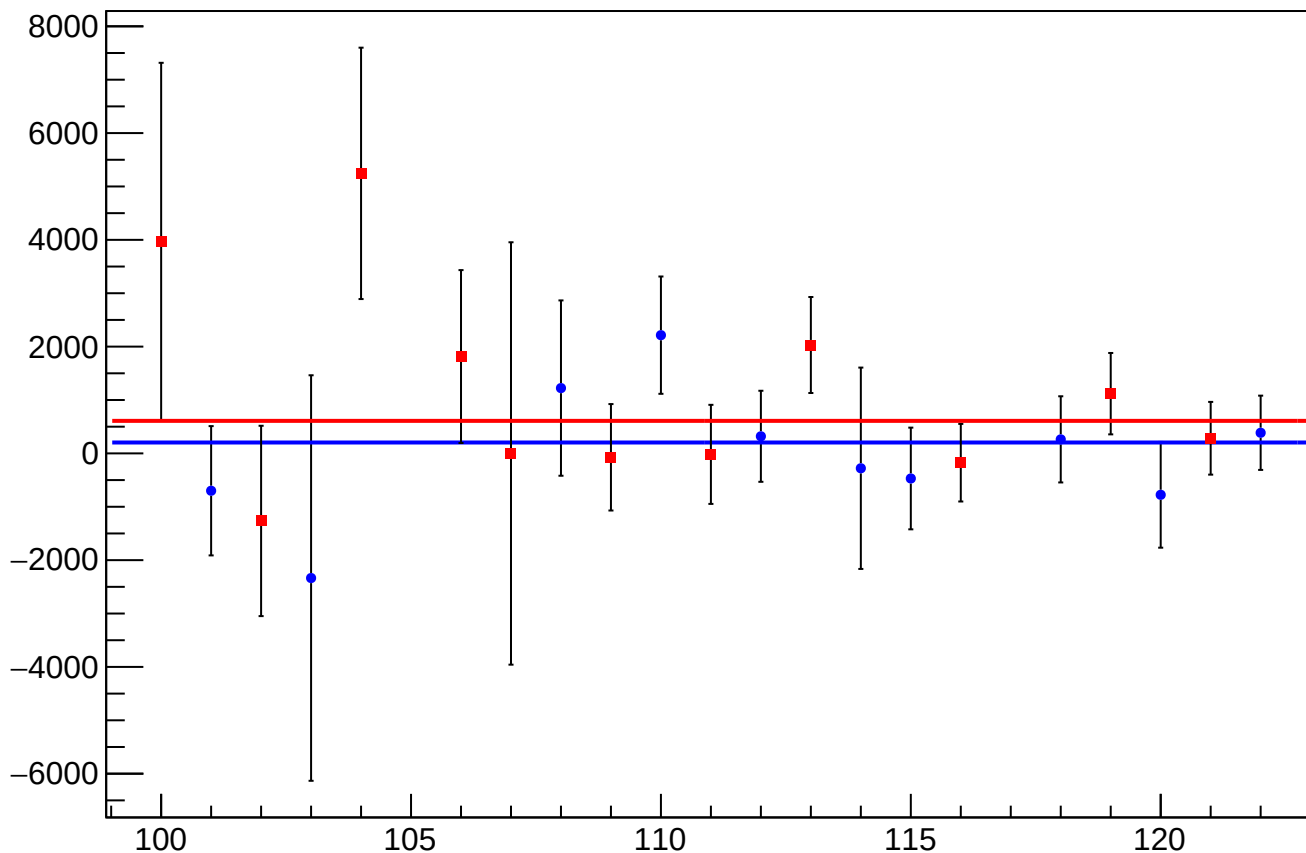
Right: 1362.154+/-0.333 χ^2/NDF : 495918.0/20

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

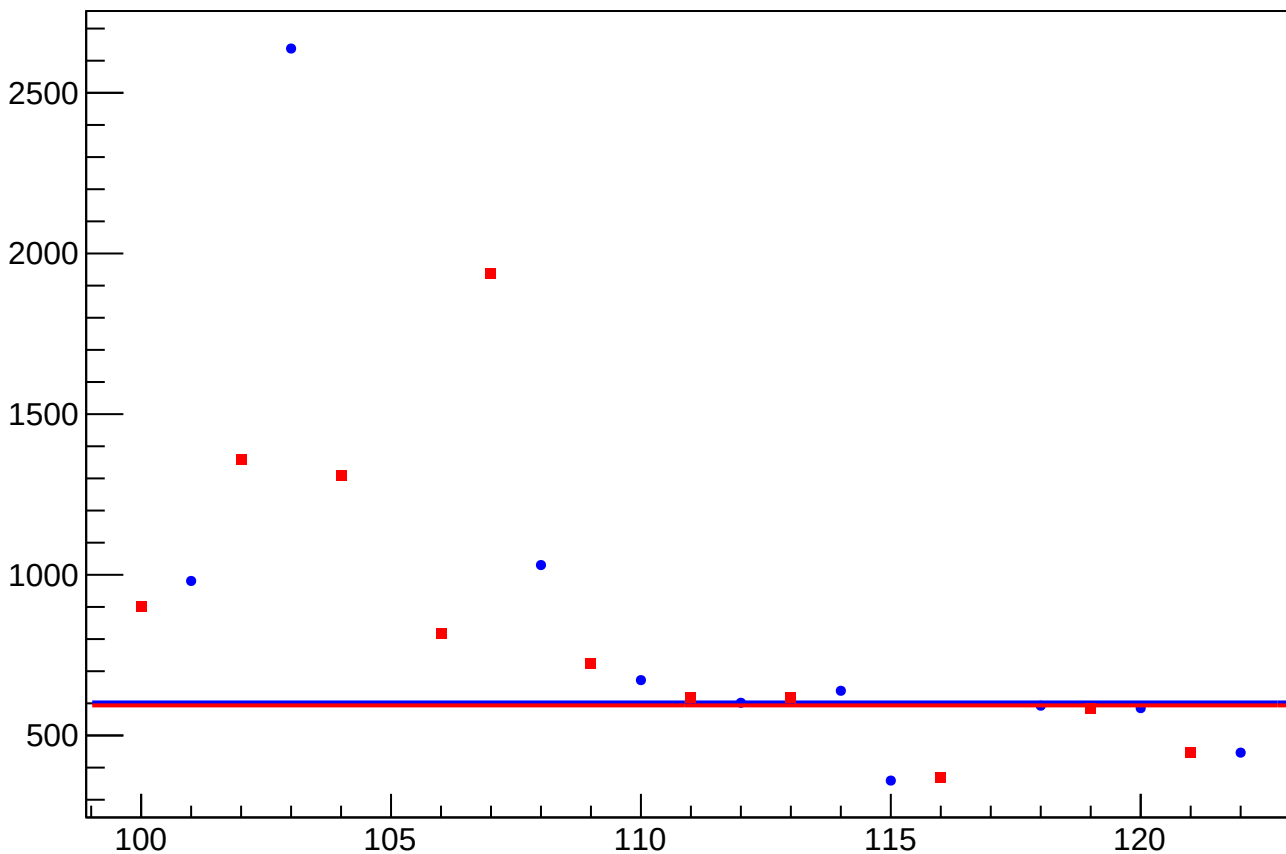
Right: 415.539+/-226.268 χ^2/NDF : 19.0/20

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

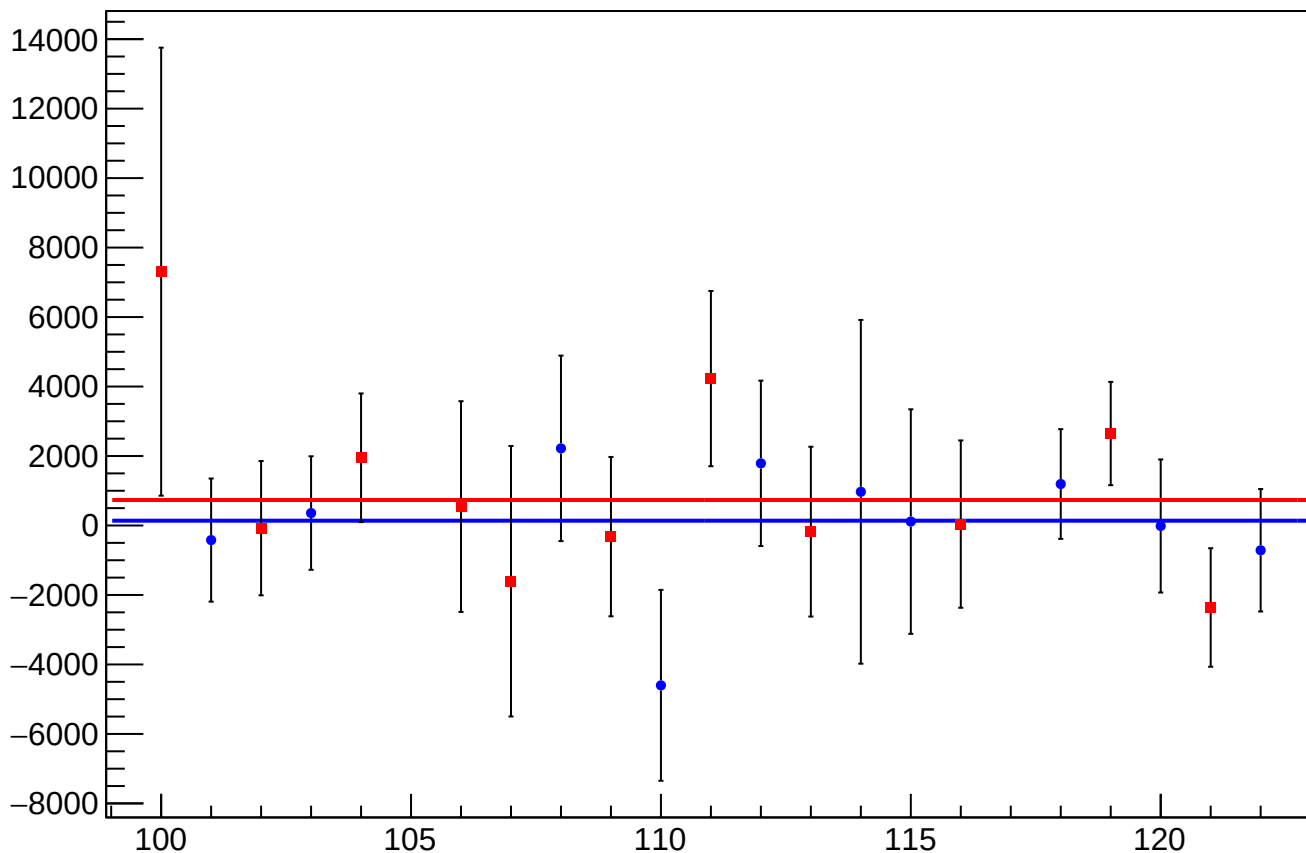
Right: 597.973+/-0.160 χ^2/NDF : 2307981.6/20

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

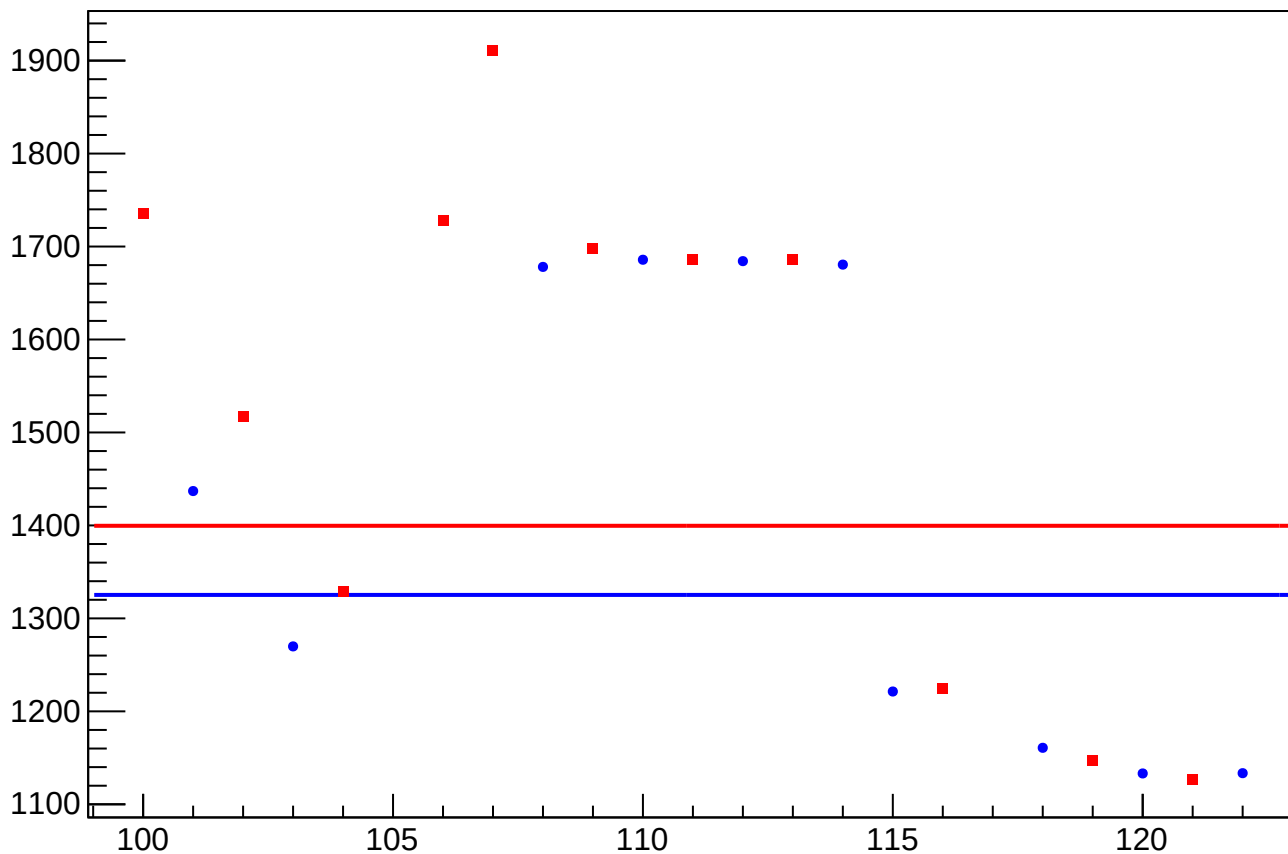
Right: 434.046+/-470.555 χ^2/NDF : 14.6/20

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

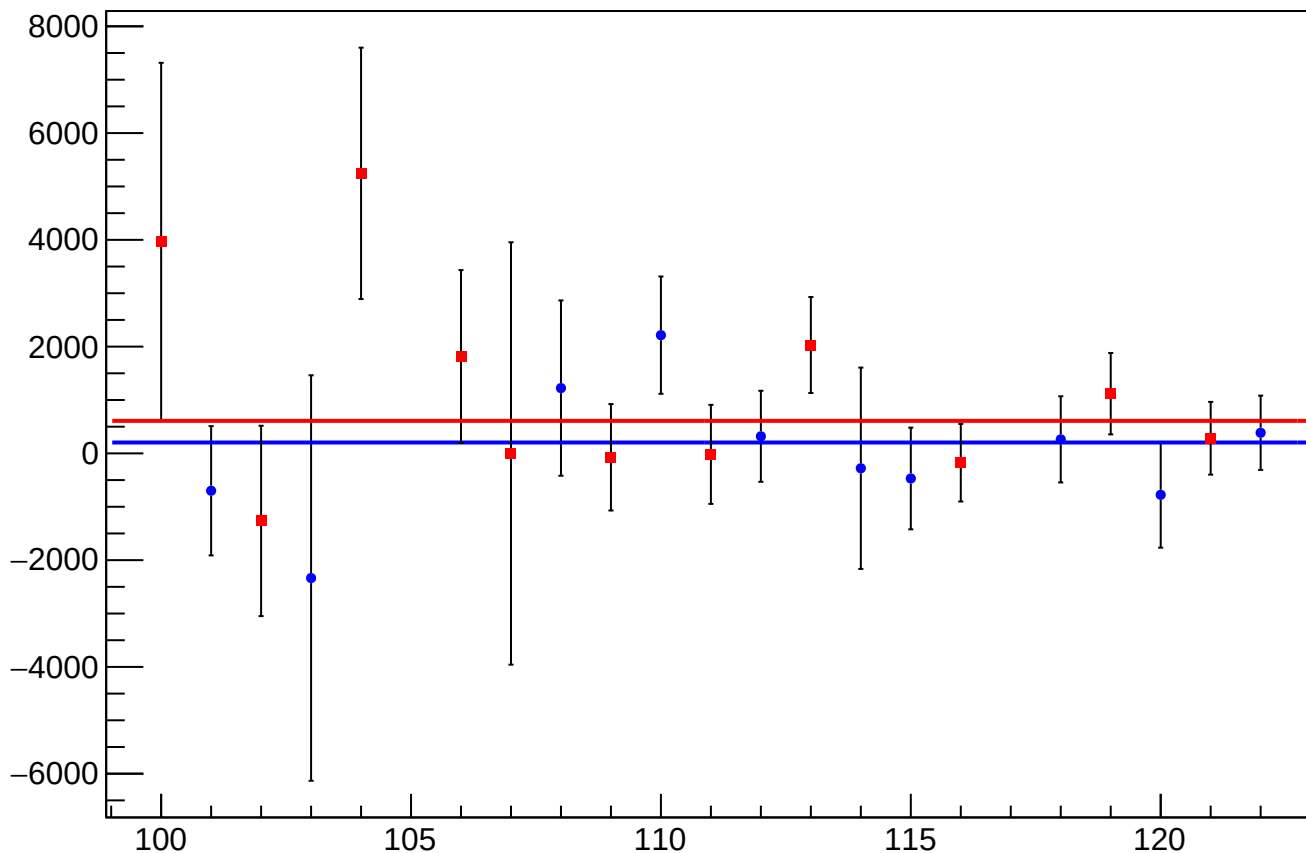
Right: 1362.154+/-0.333 χ^2/NDF : 495918.0/20

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

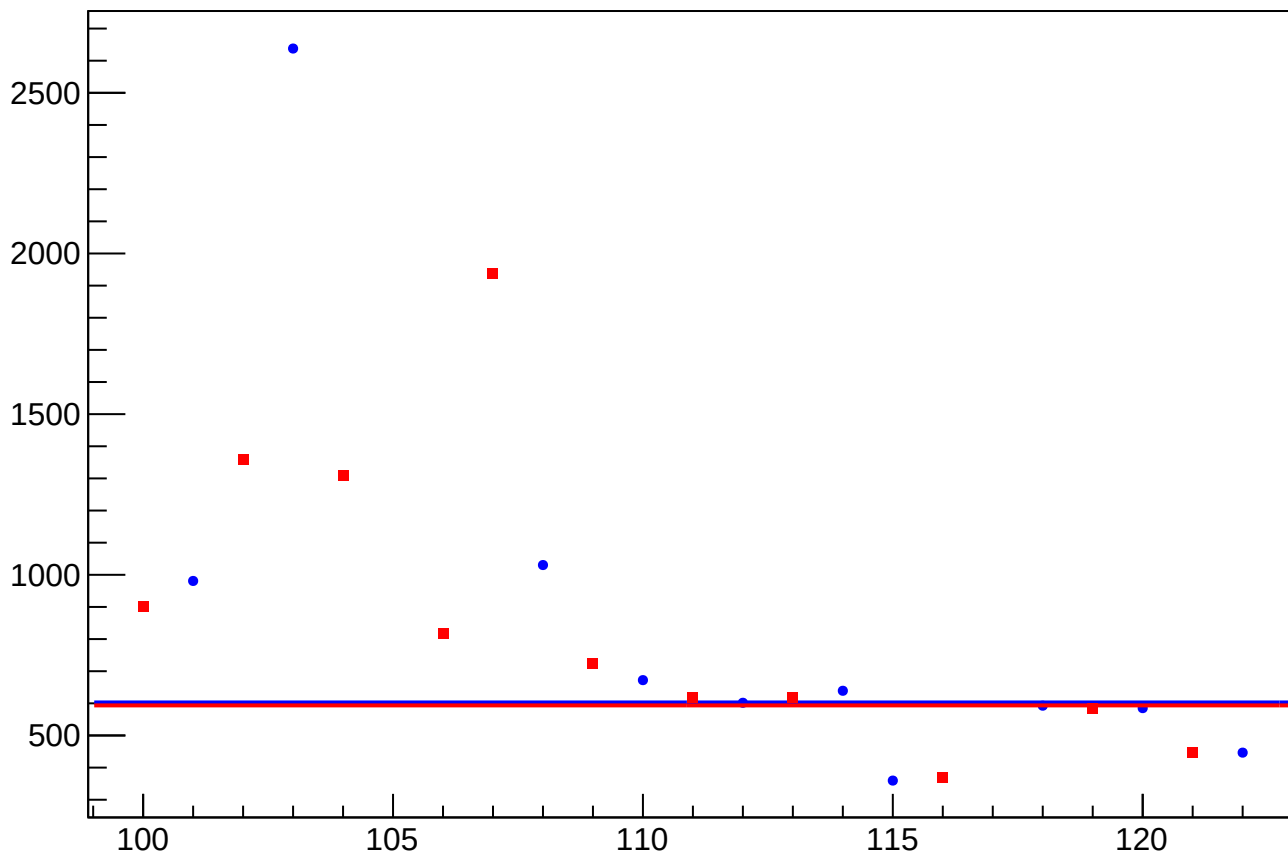
Right: 415.539+/-226.268 χ^2/NDF : 19.0/20

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

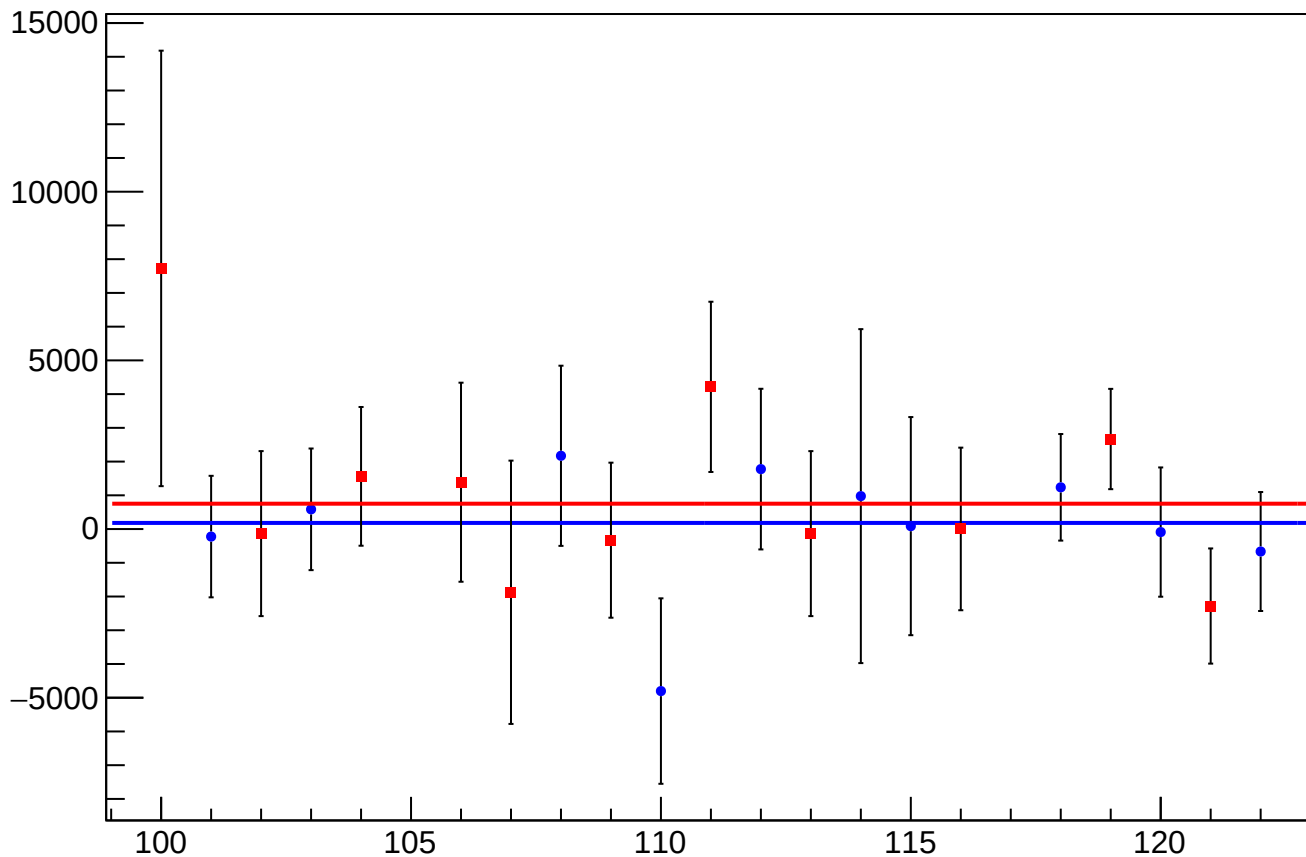
Right: 597.973+/-0.160 χ^2/NDF : 2307981.6/20

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

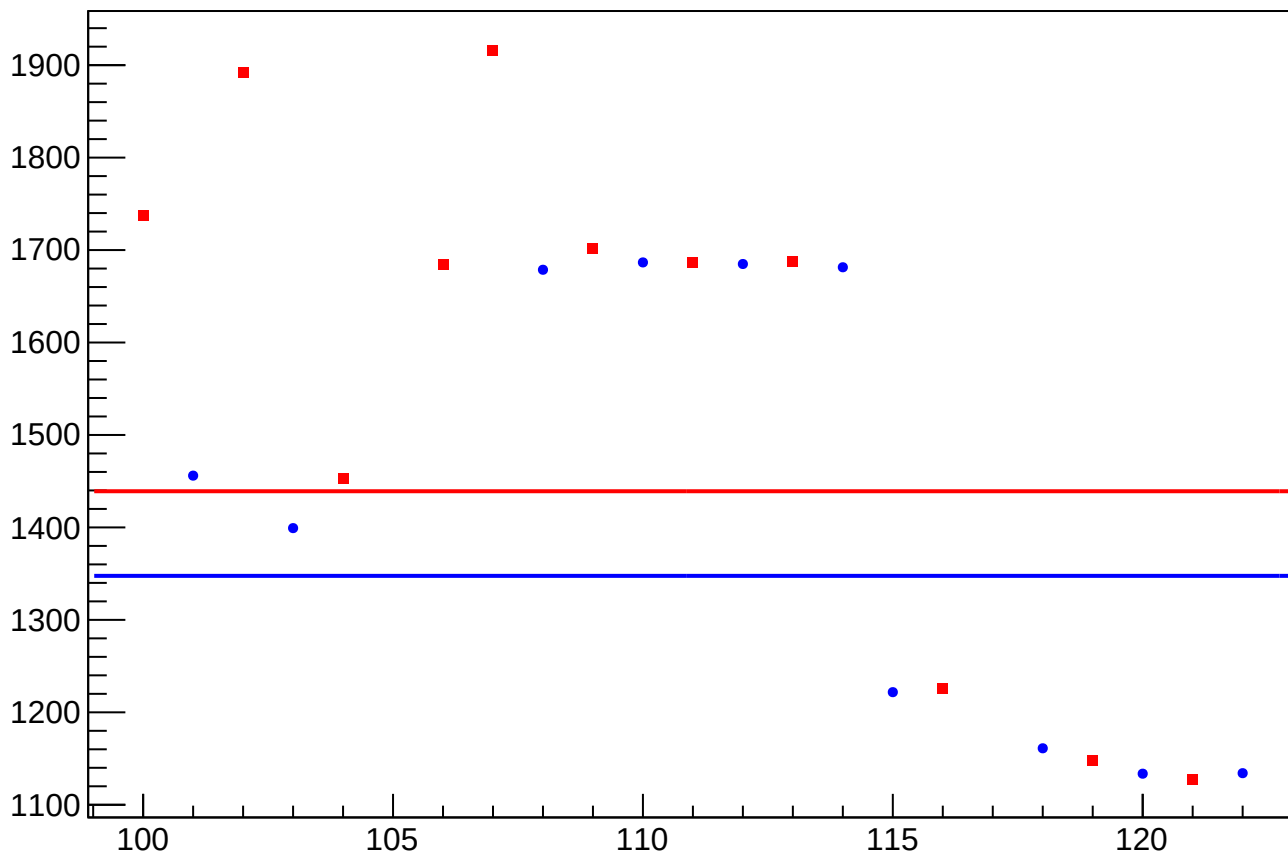
Right: 459.555 $\pm$ 483.040 χ^2 /NDF: 14.6/20

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

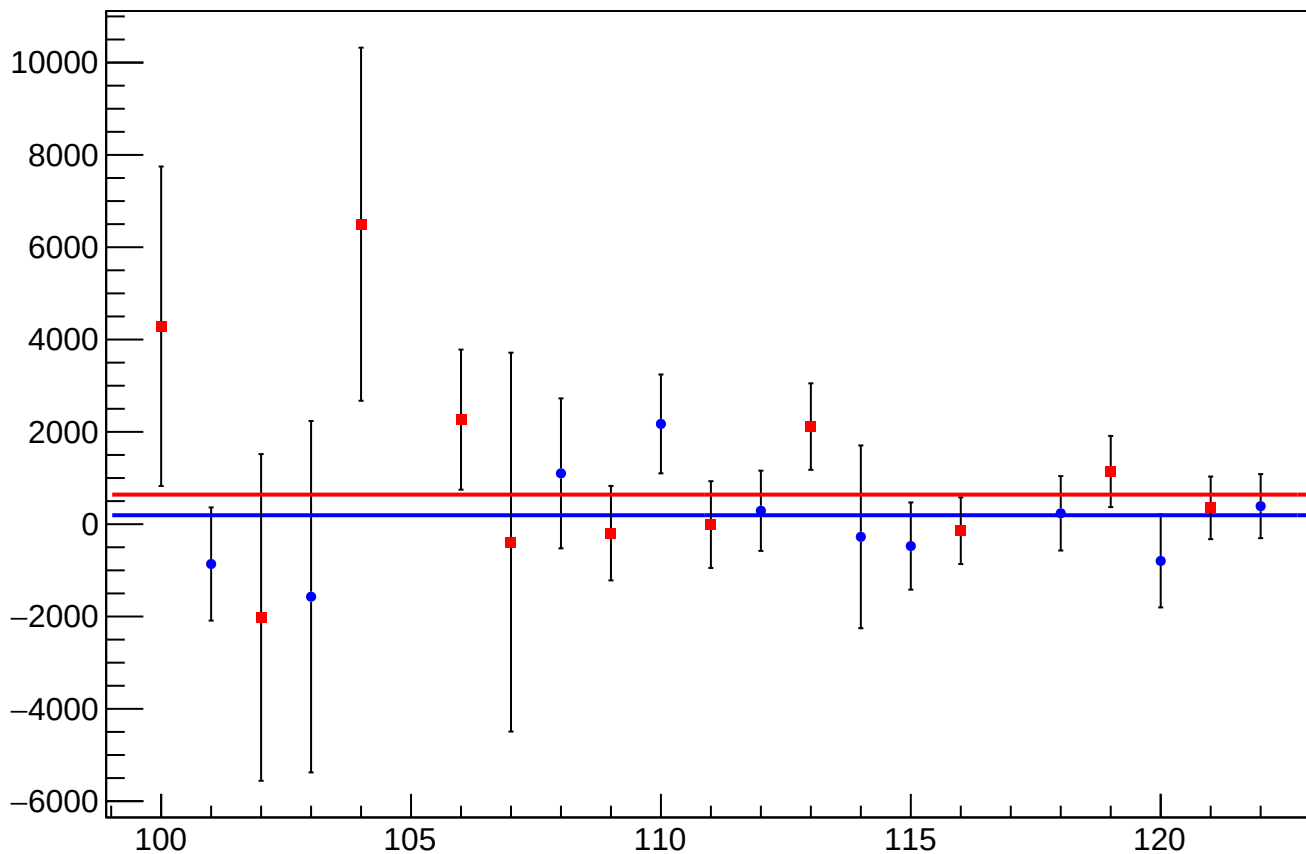
Right: 1392.233+/-0.342 χ^2/NDF : 564131.9/20

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

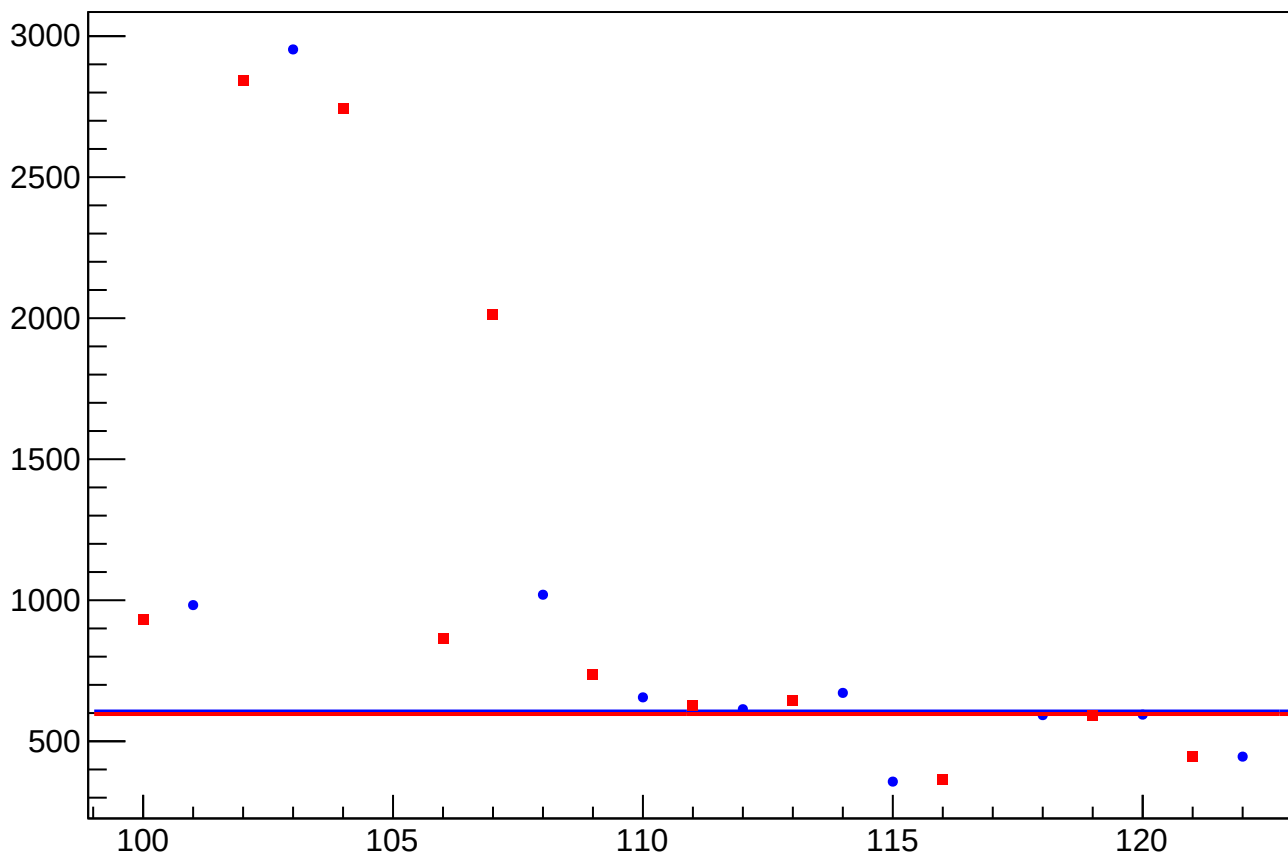
Right: 422.738+/-229.327 χ^2/NDF : 17.9/20

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

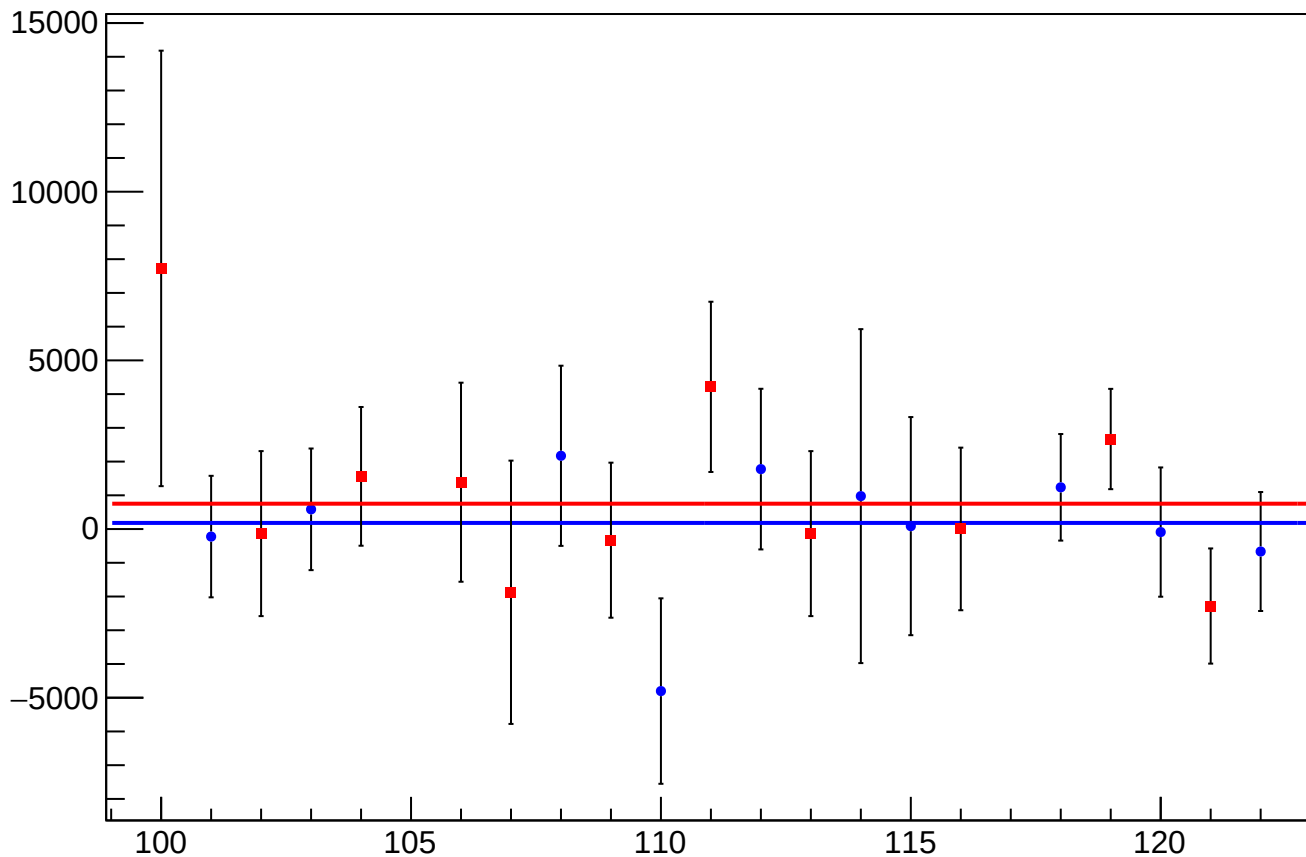
Right: 600.940+/-0.162 χ^2/NDF : 3438169.3/20

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

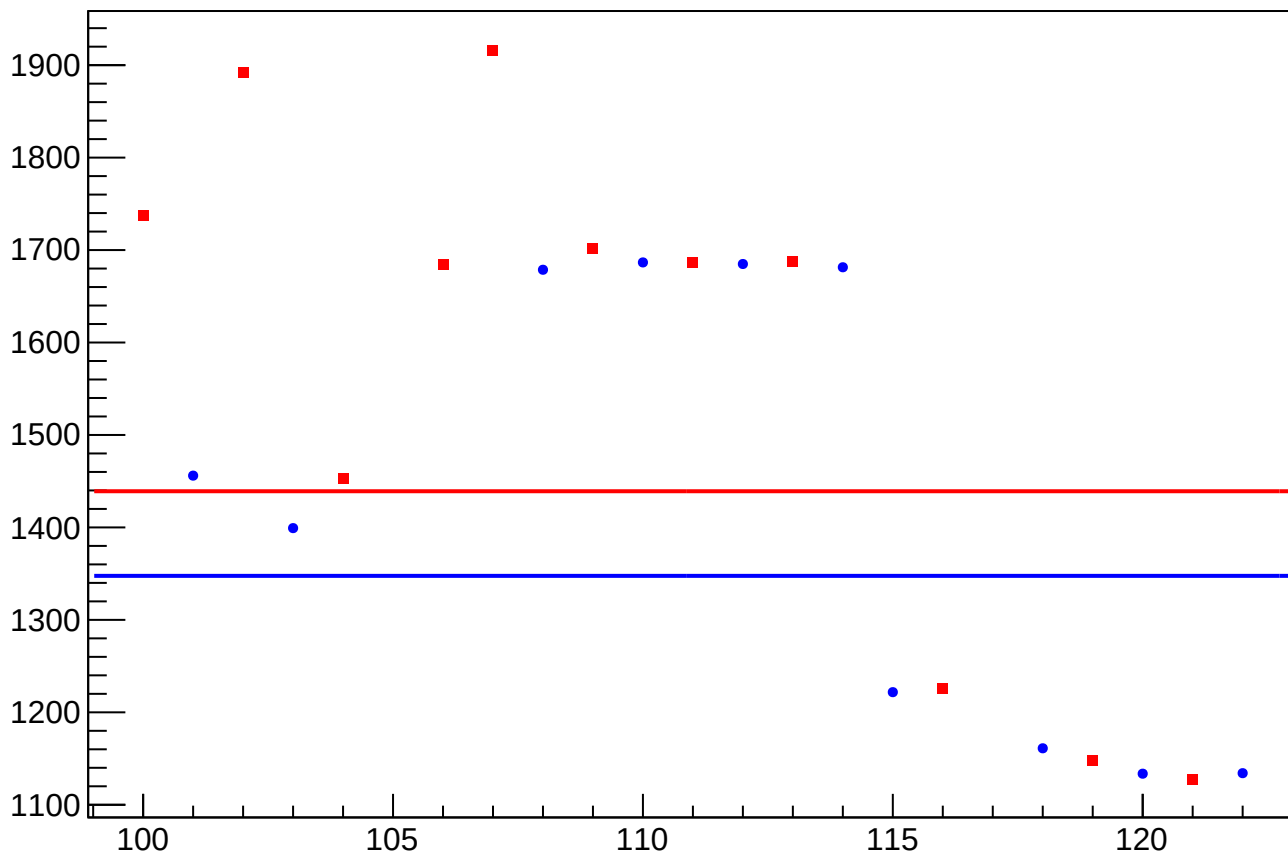
Right: 459.555+/-483.040 χ^2/NDF : 14.6/20

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

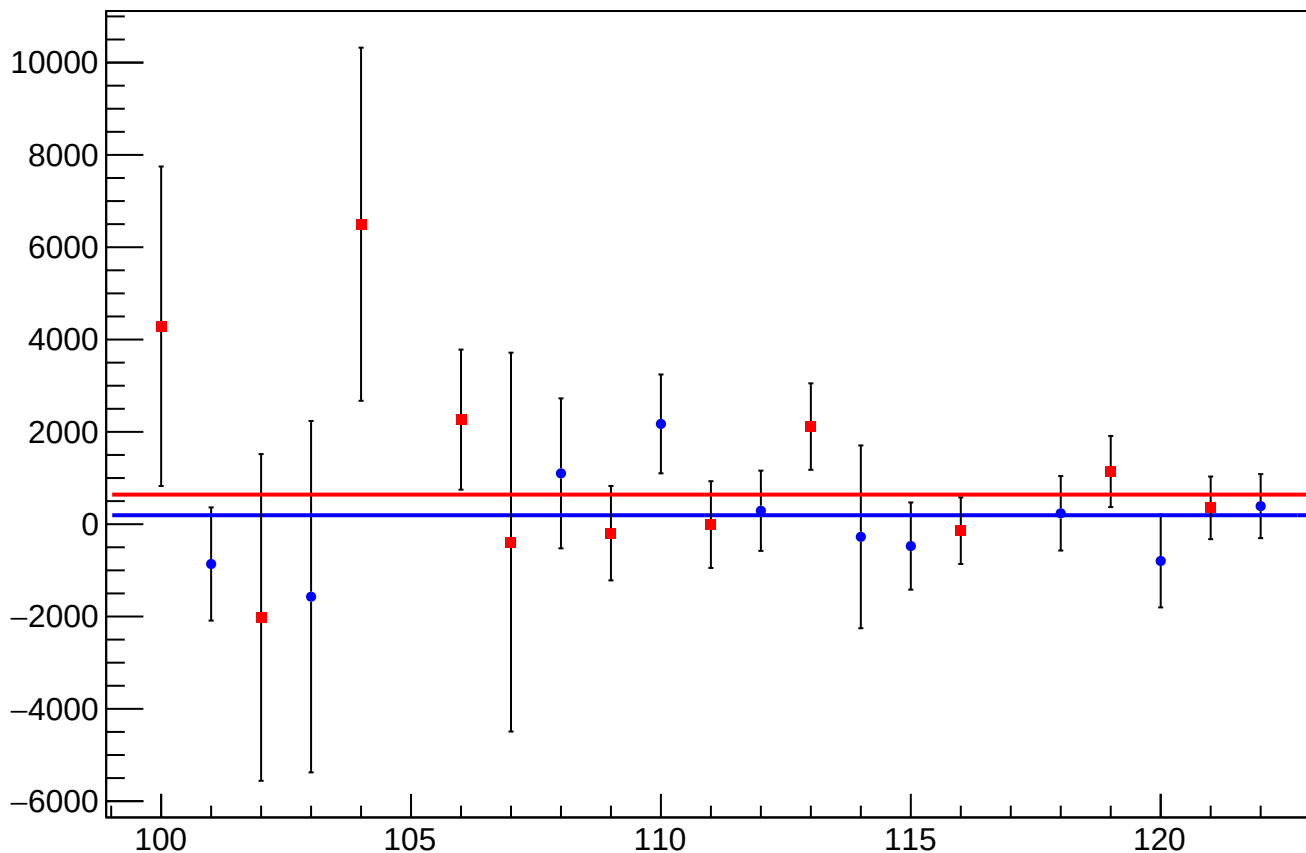
Right: 1392.233+/-0.342 χ^2/NDF : 564131.6/20

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

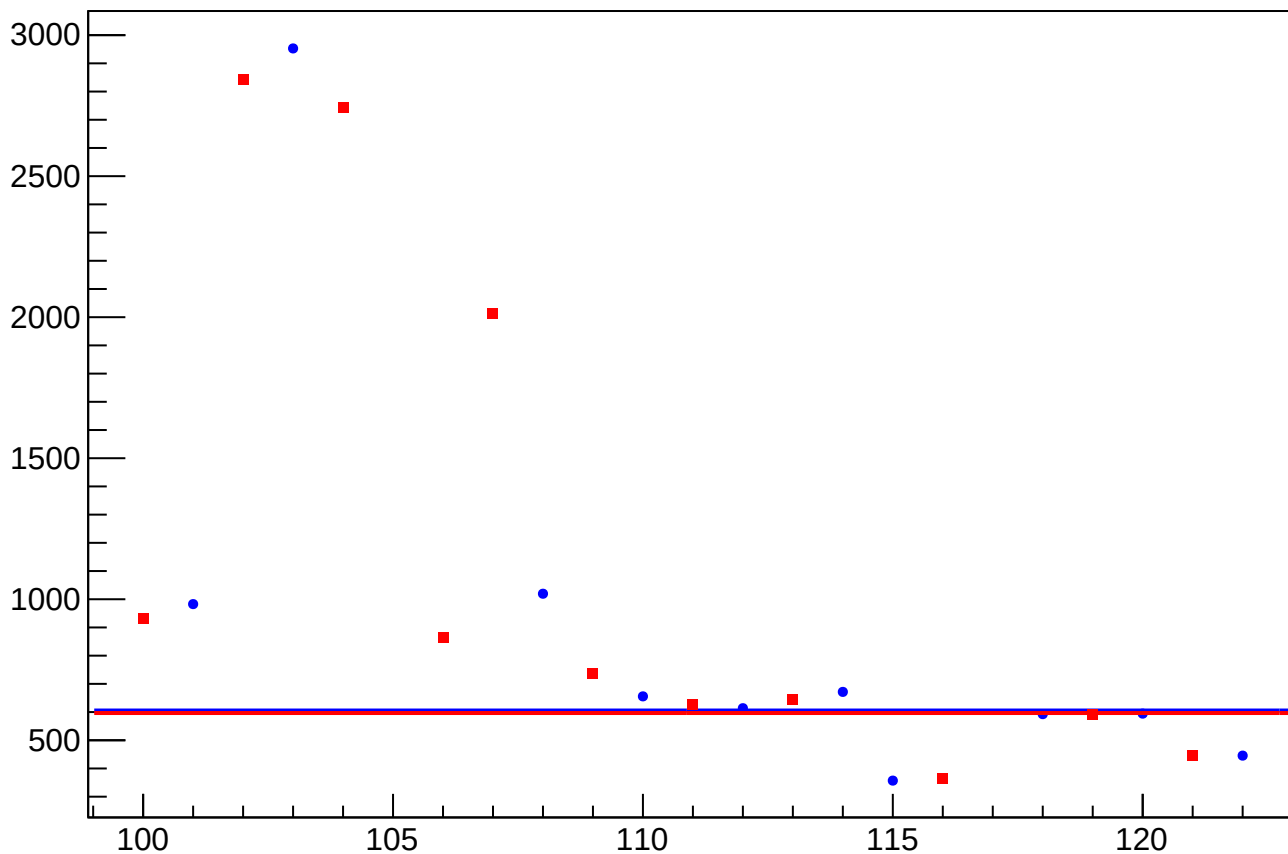
Right: 422.738+/-229.327 χ^2/NDF : 17.9/20

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

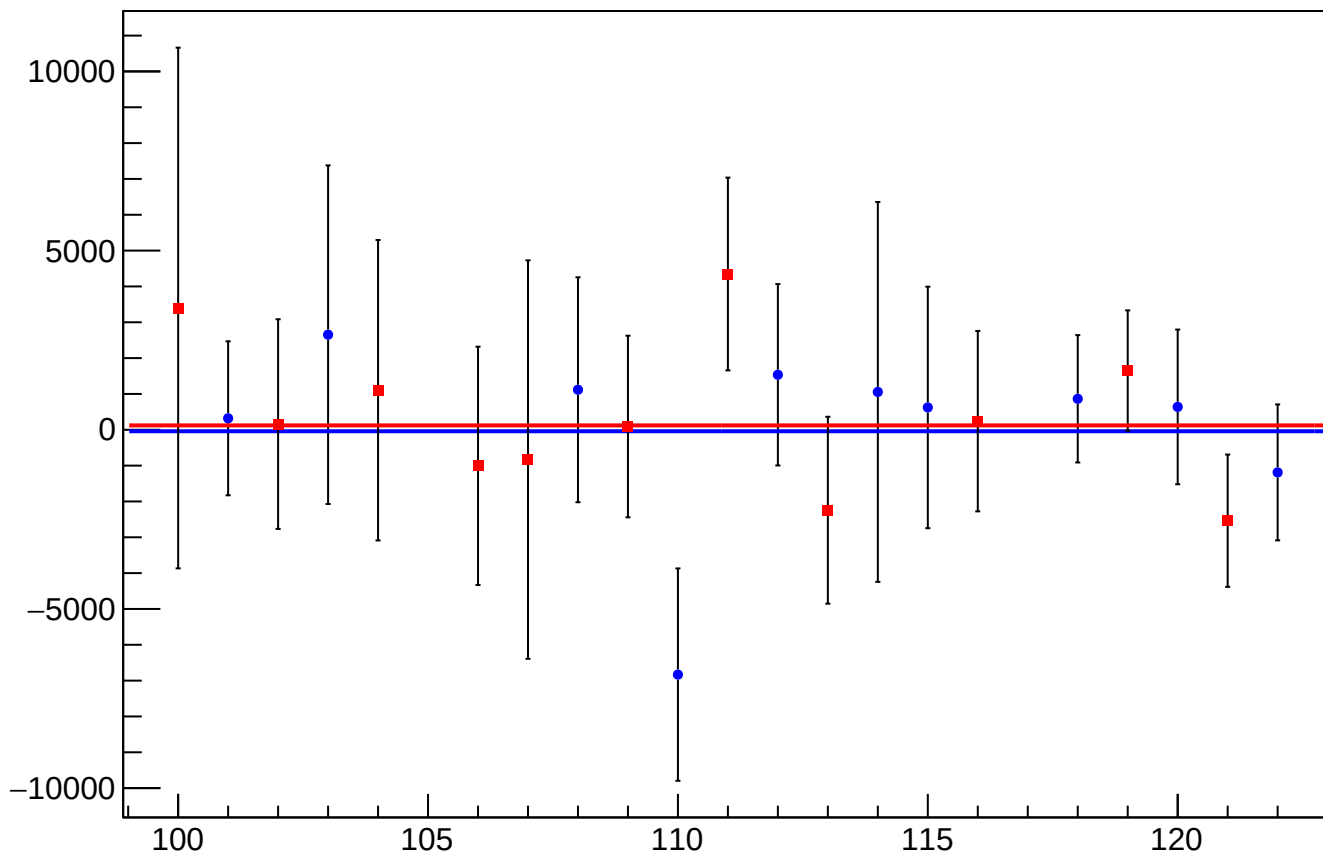
Right: 600.939+/-0.162 χ^2/NDF : 3438170.1/20

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

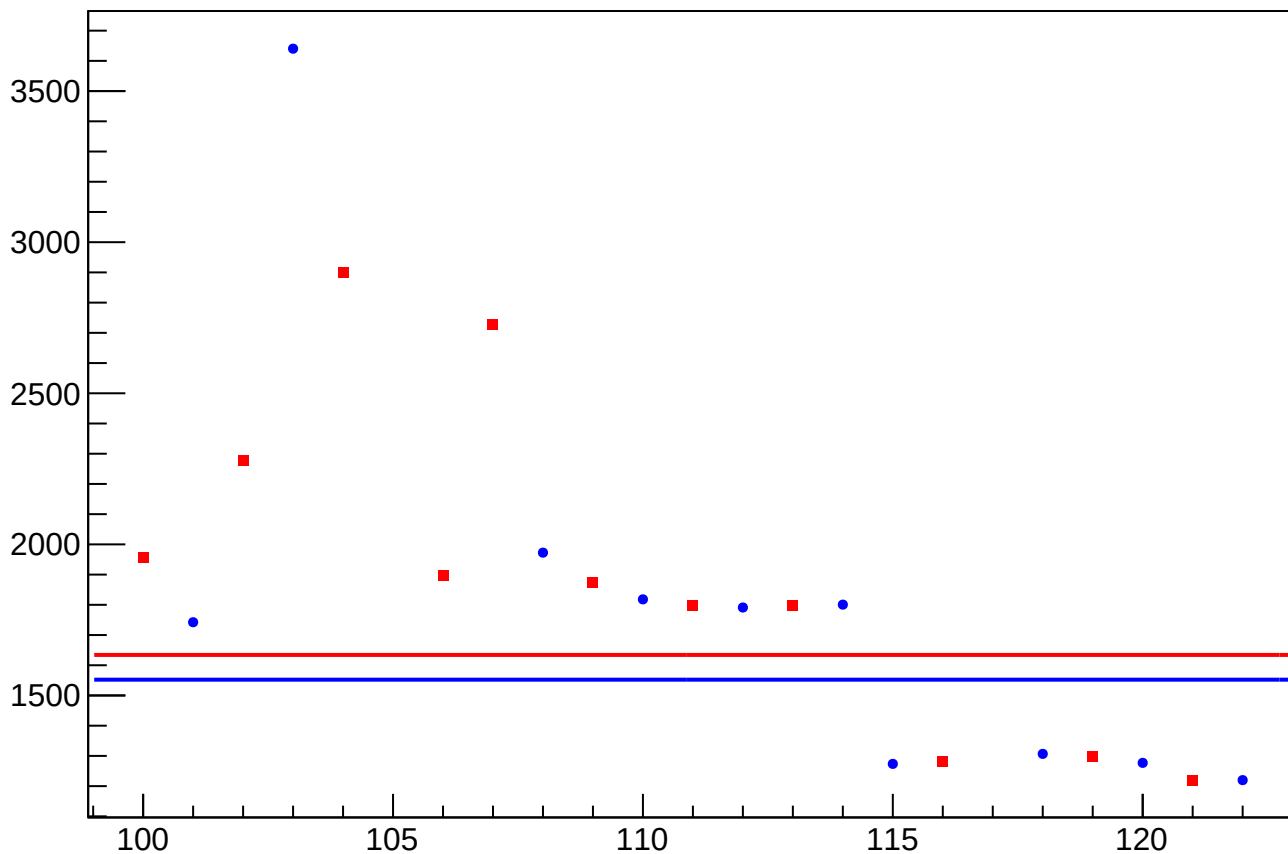
Right: 40.474 ± 565.450 χ^2/NDF : 13.6/20

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

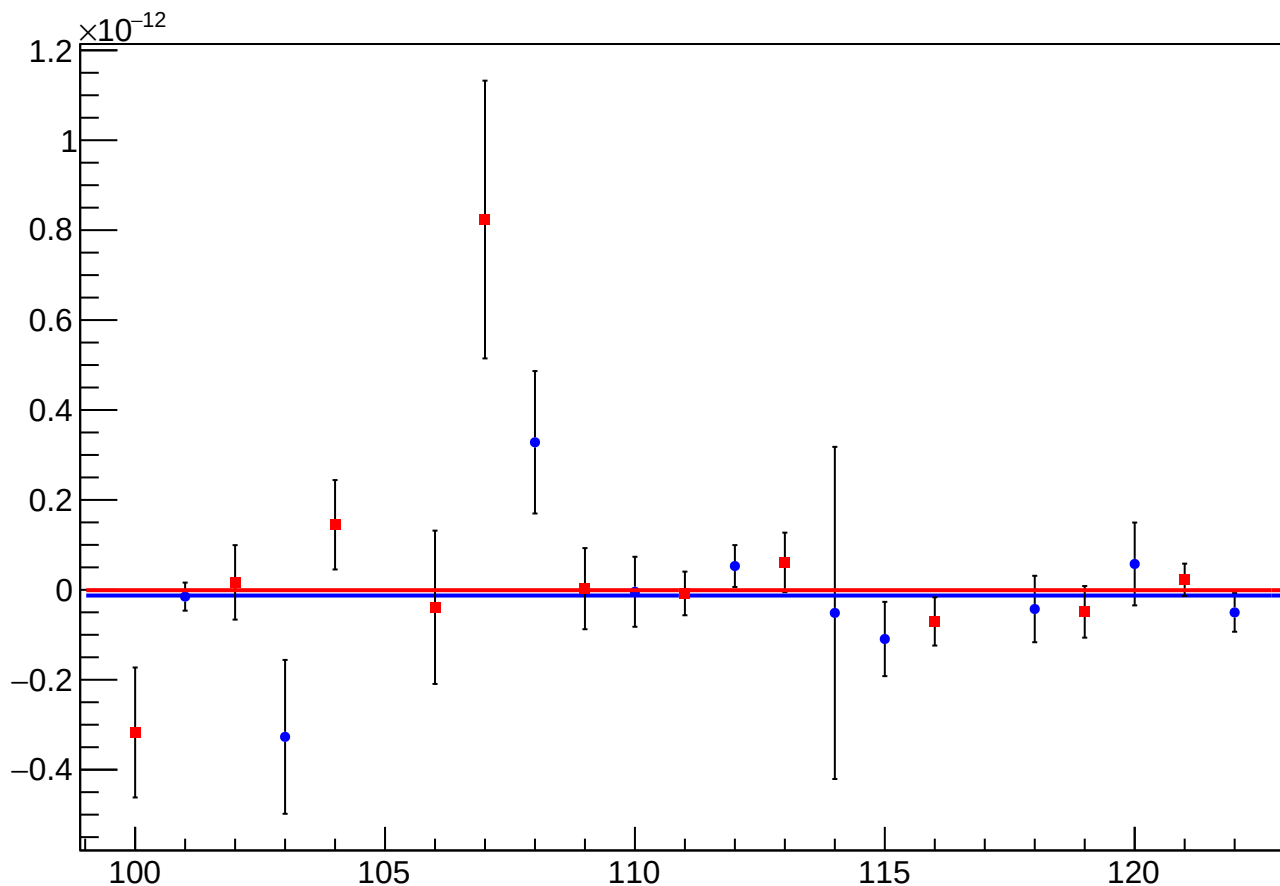
Right: 1593.165+/-0.400 χ^2/NDF : 1264365.1/20

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

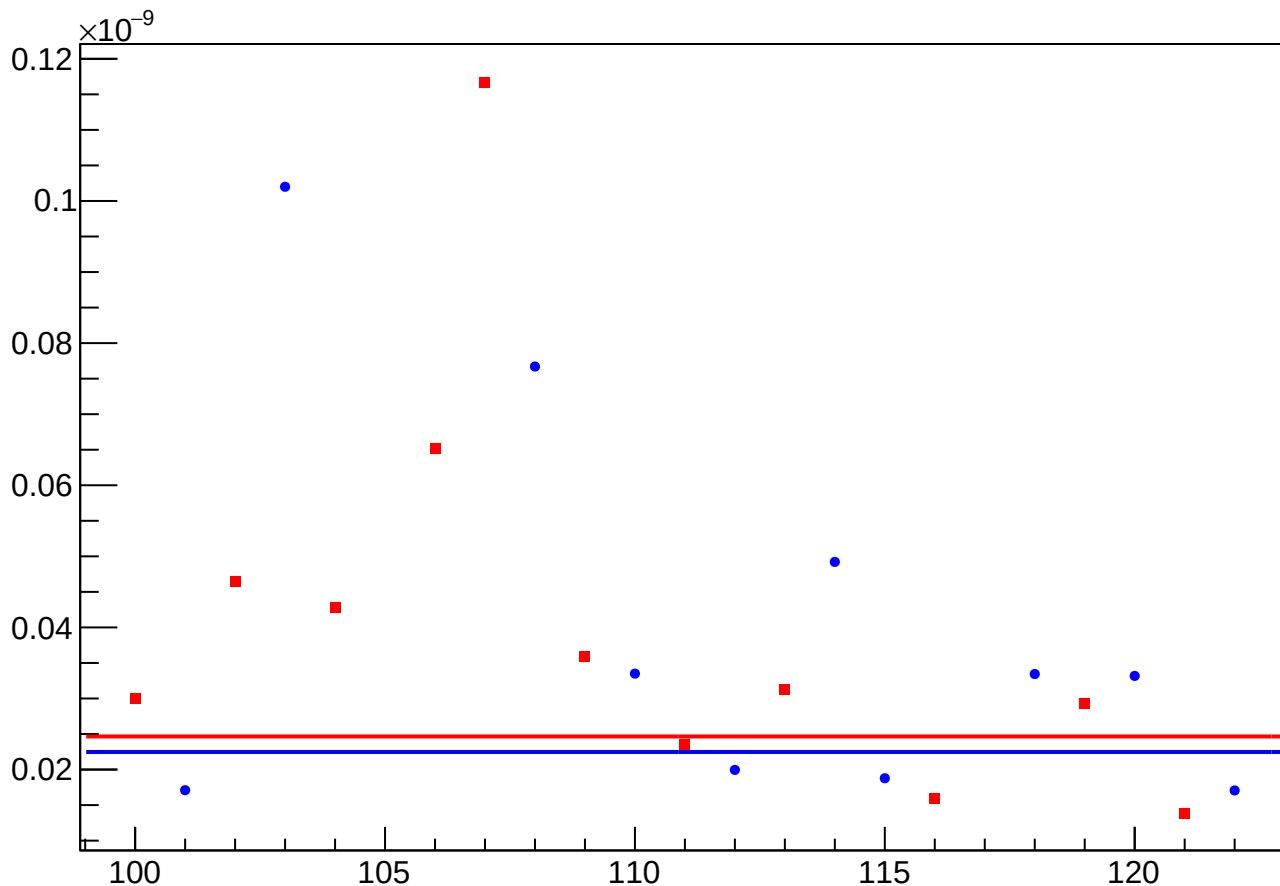
Right: -0.000+/-0.000 χ^2/NDF : 30.9/20

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

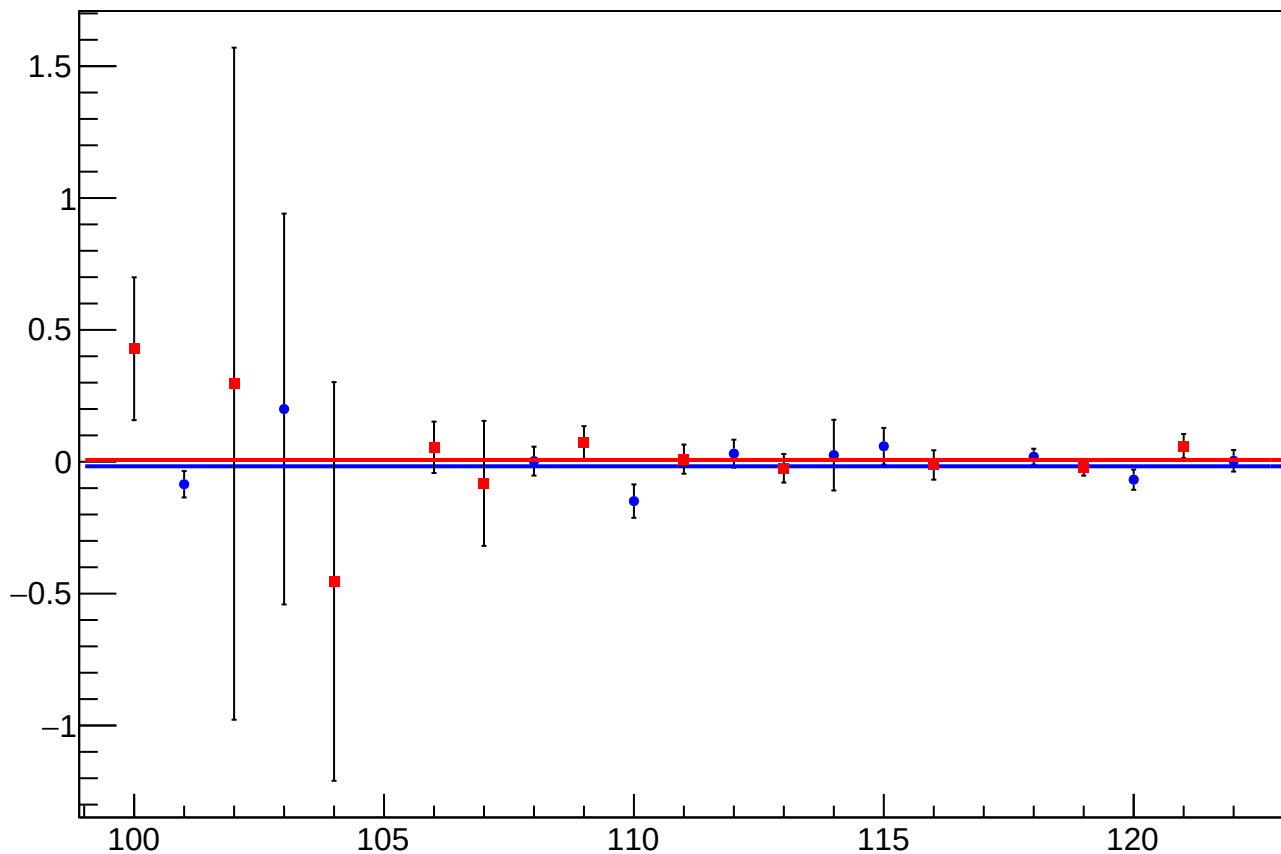
asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

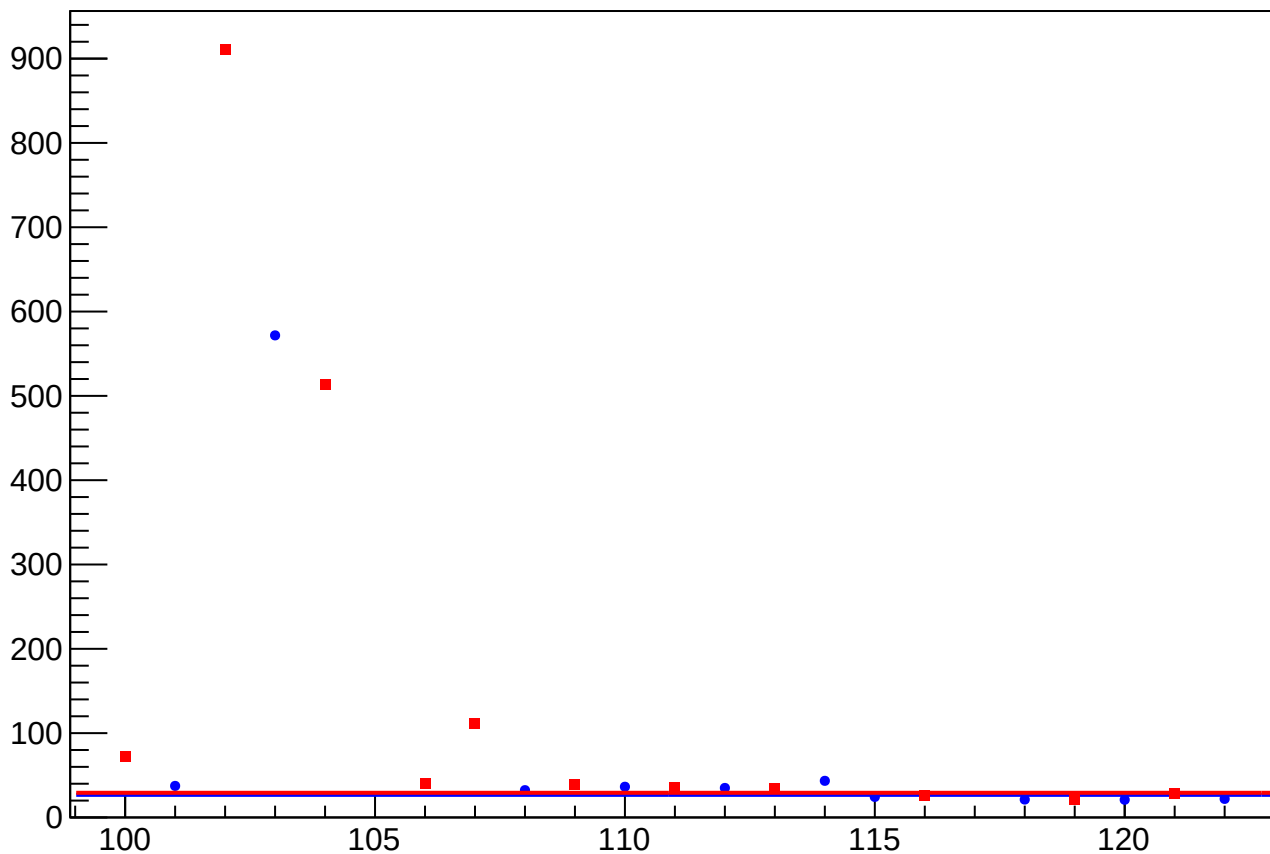
Right: -0.007+/-0.012 χ^2/NDF : 20.2/20

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

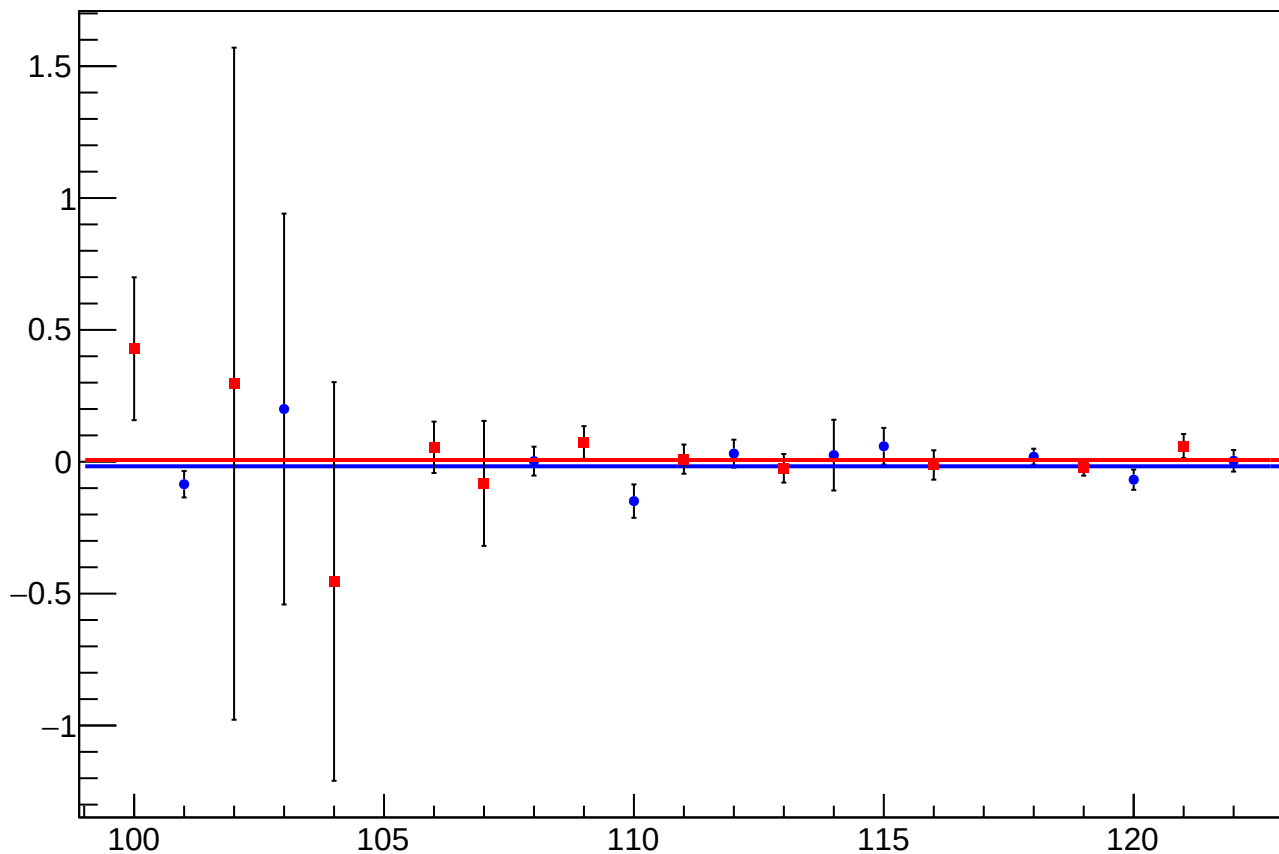
Right: 27.866+/-0.008 χ^2/NDF : 3838151.1/20

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

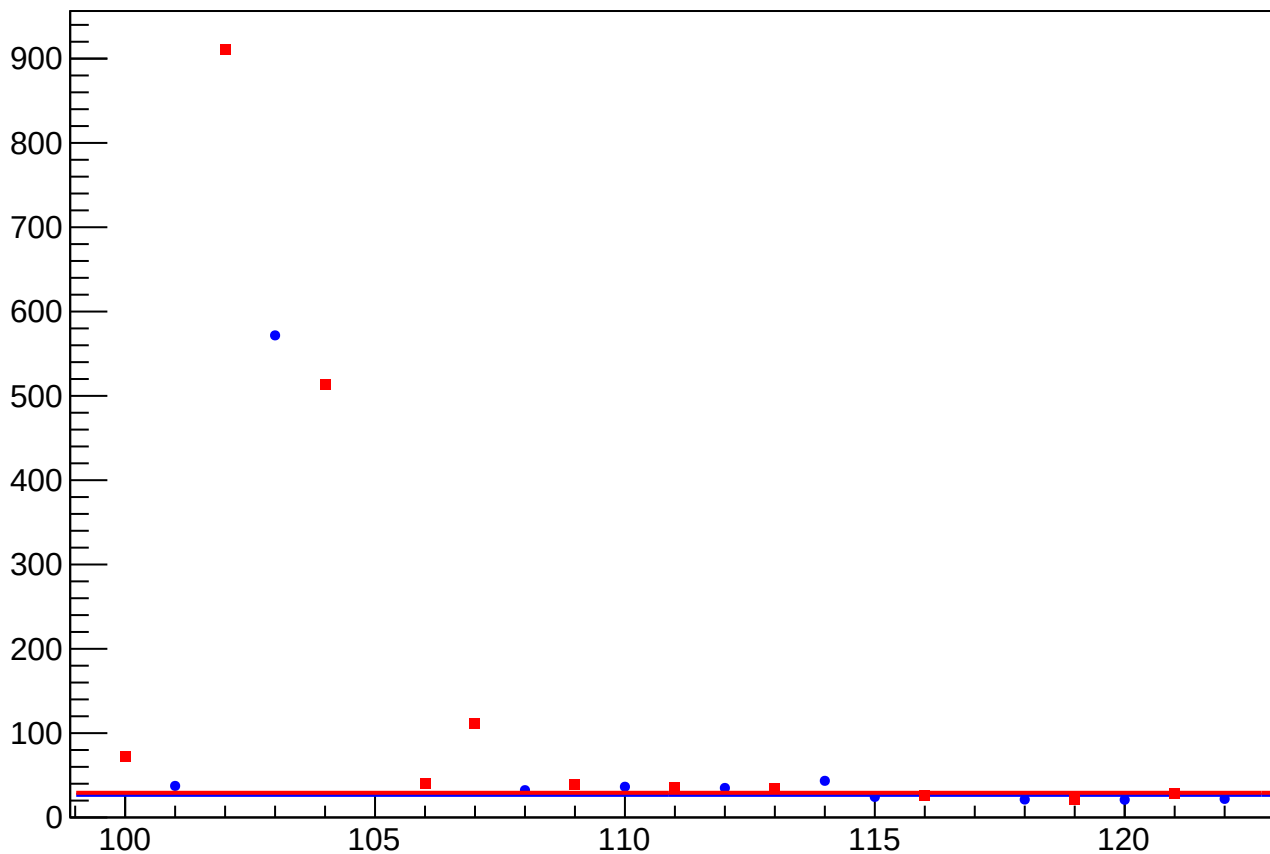
Right: -0.007+/-0.012 χ^2/NDF : 20.2/20

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

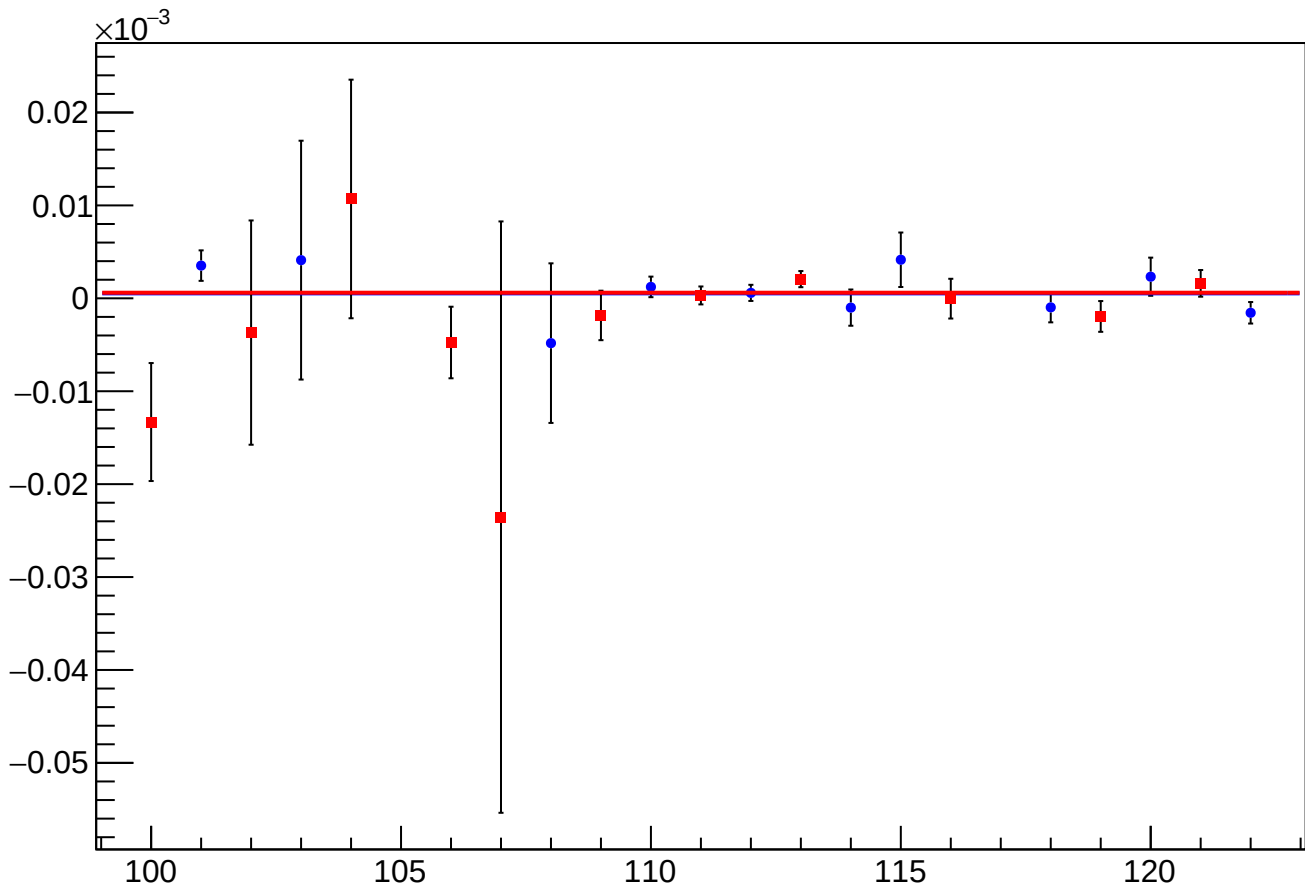
Right: 27.866+/-0.008 χ^2/NDF : 3838151.1/20

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

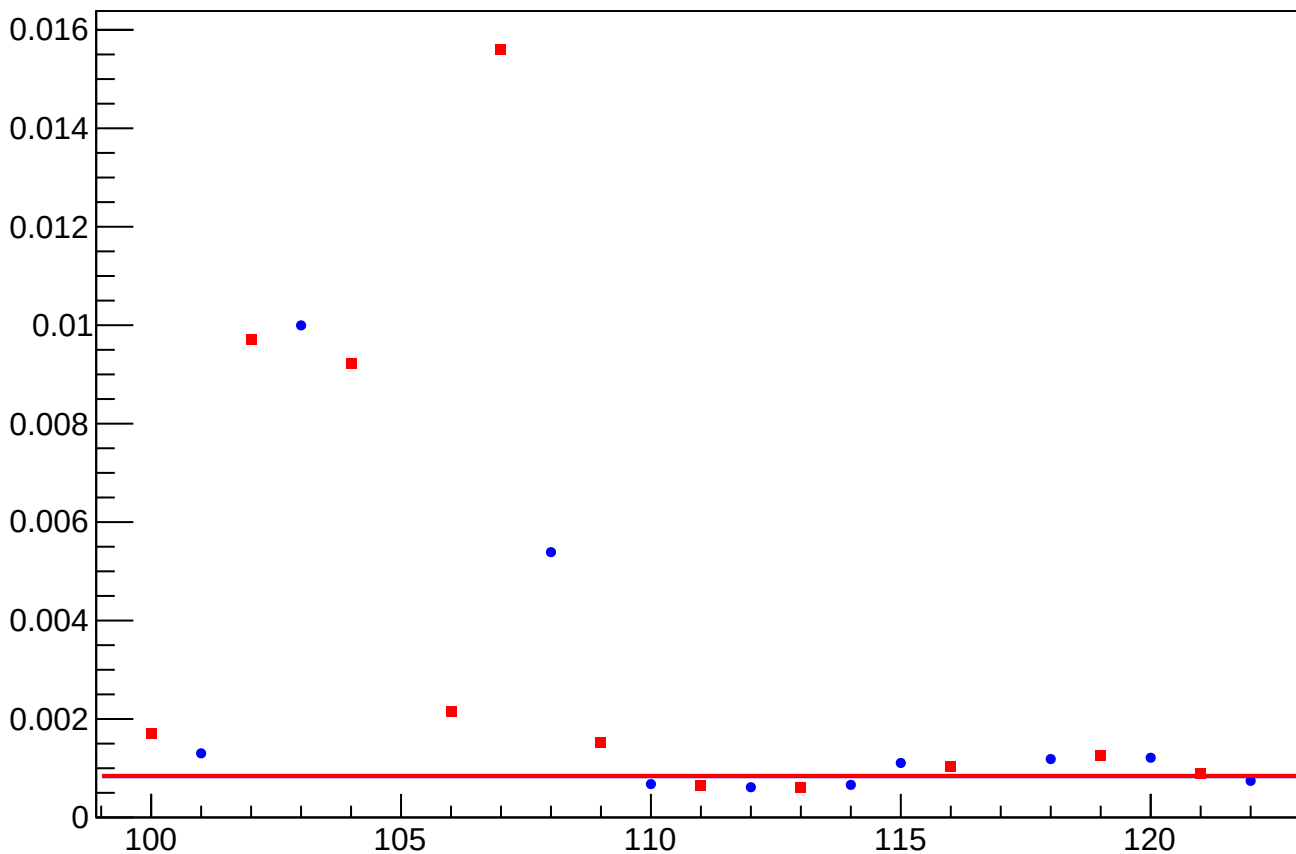
Right: 0.000+/-0.000 χ^2/NDF : 26.0/20

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

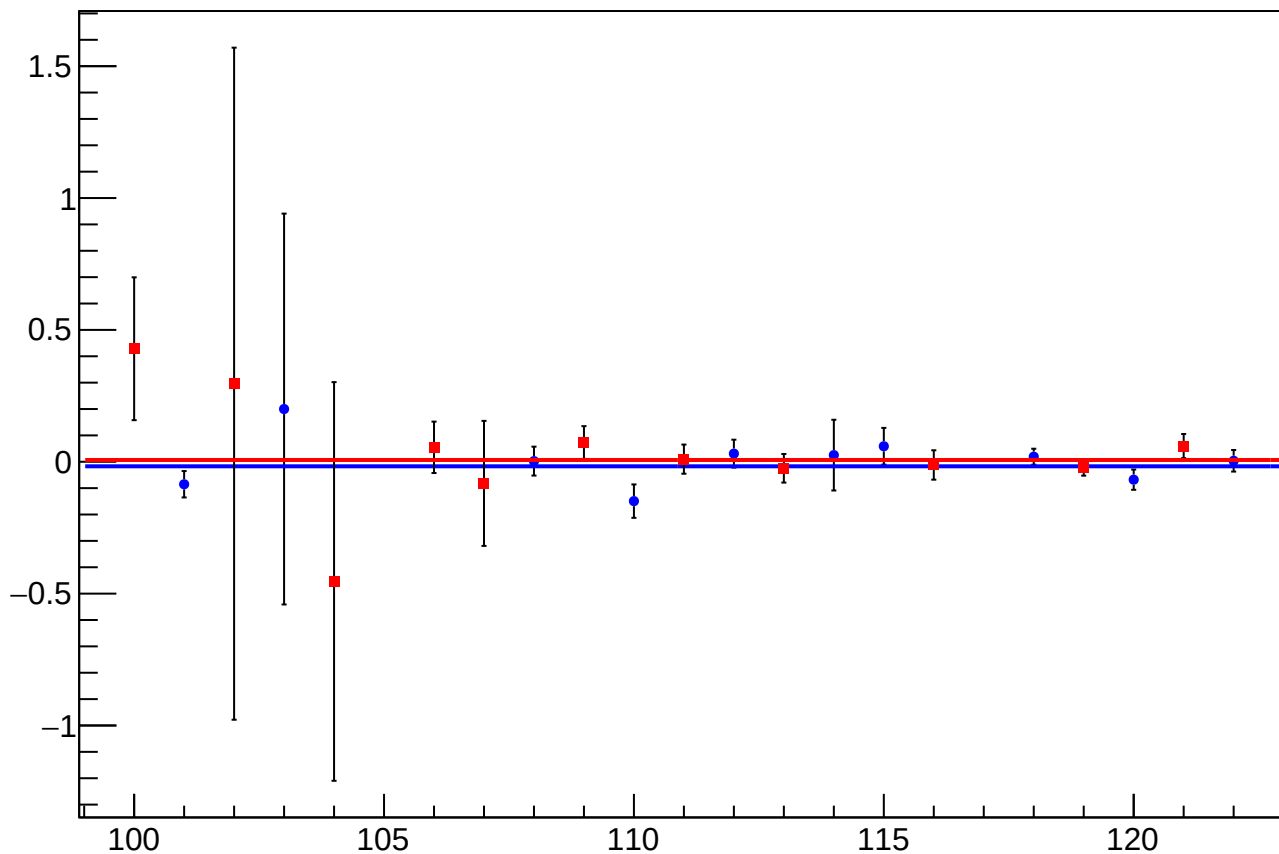
Right: 0.001+/-0.000 χ^2/NDF : 5267322.4/20

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 ± 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

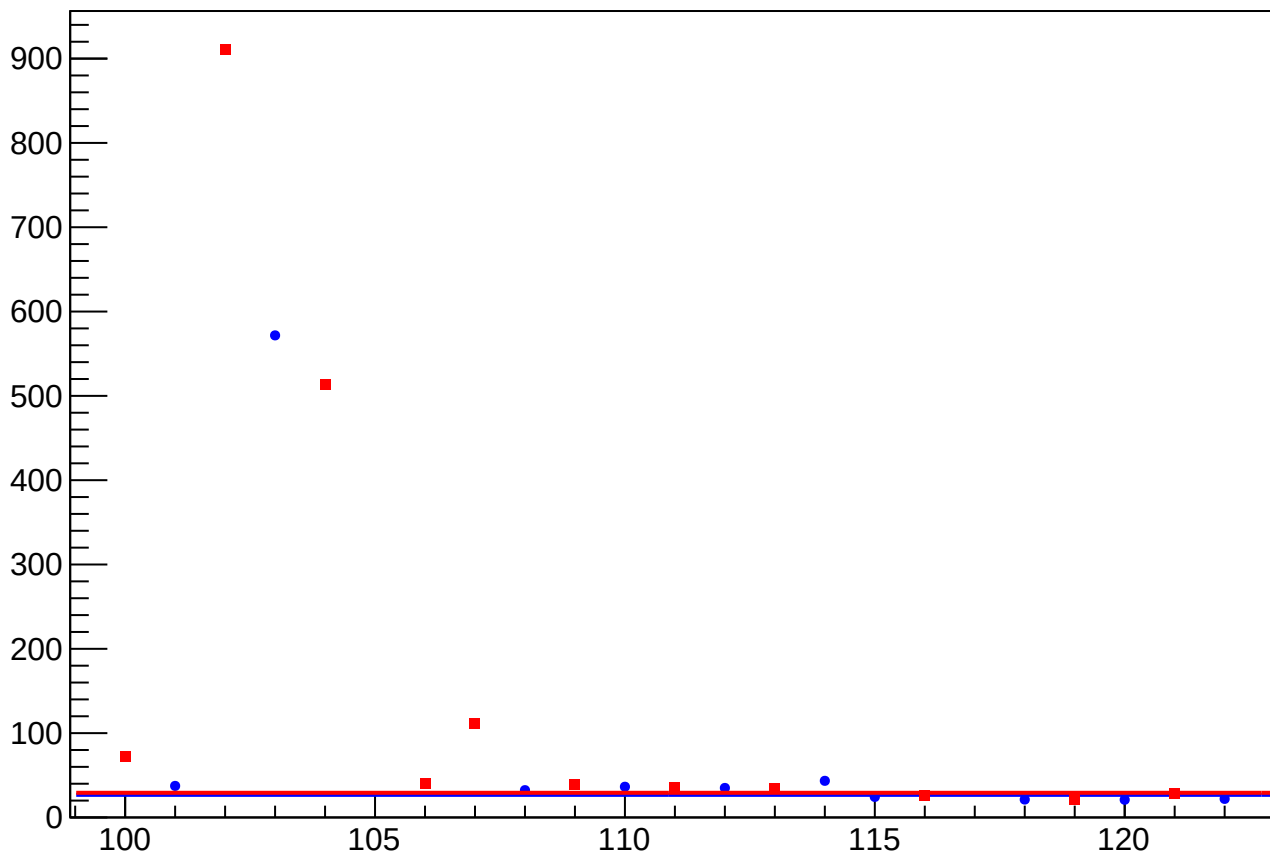
Right: -0.007 ± 0.012 χ^2/NDF : 20.2/20

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_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

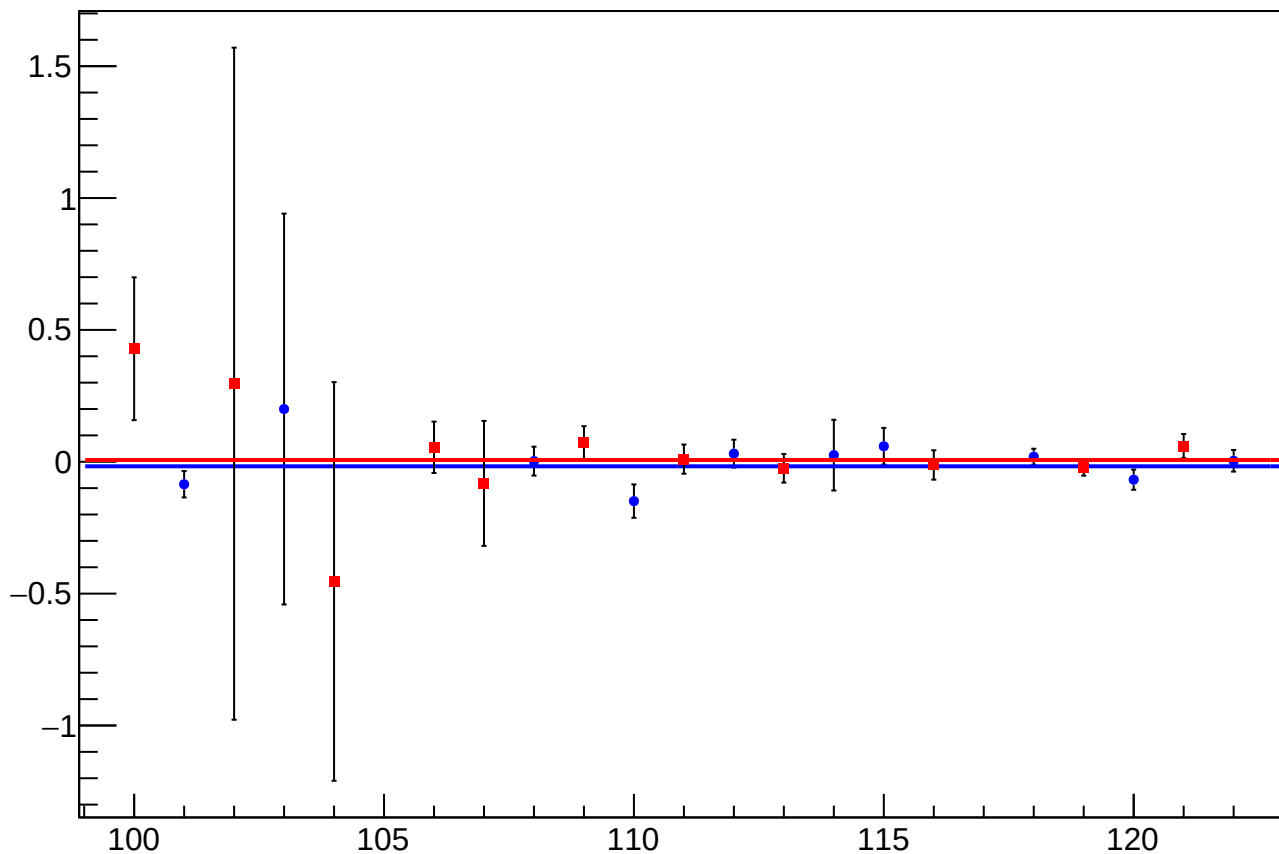
Right: 27.866+/-0.008 χ^2/NDF : 3838175.5/20

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

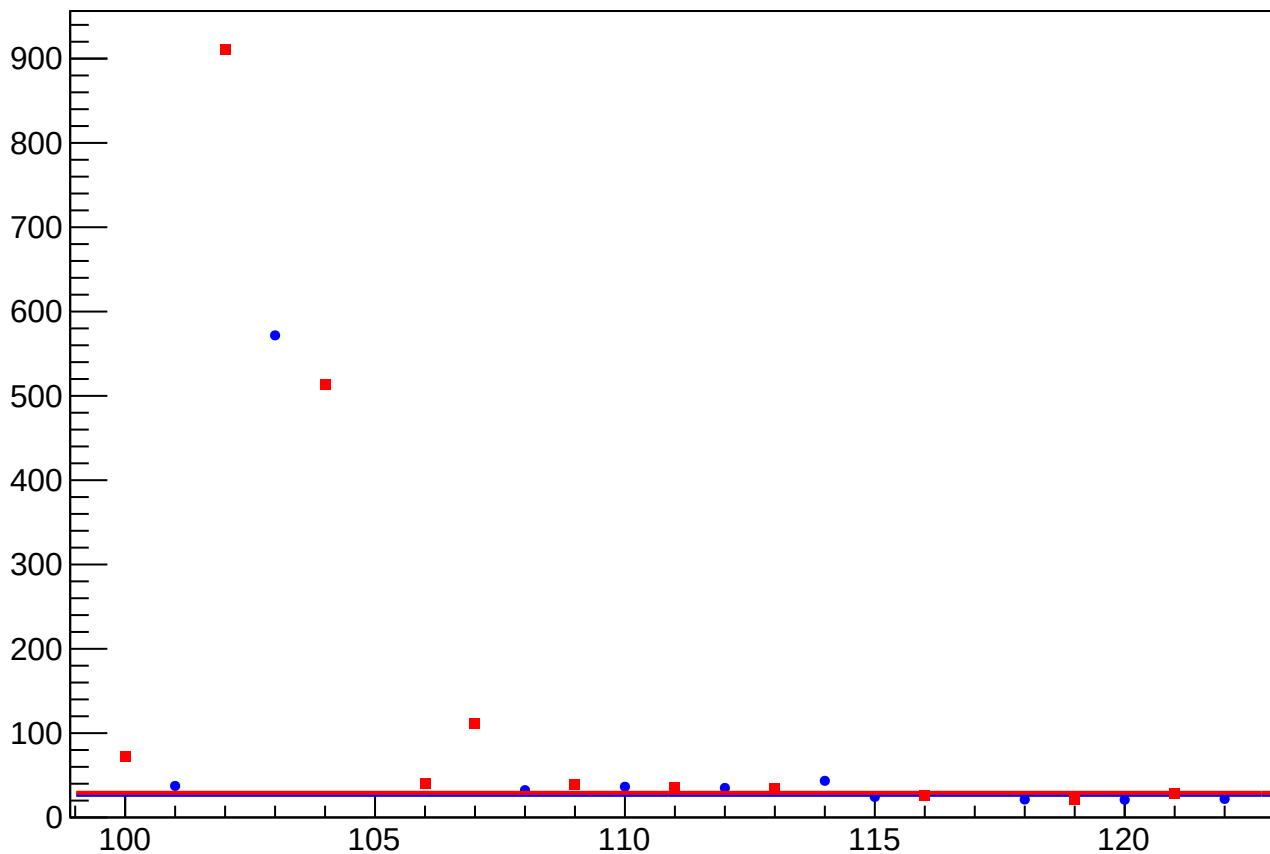
Right: -0.007+/-0.012 χ^2/NDF : 20.2/20

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

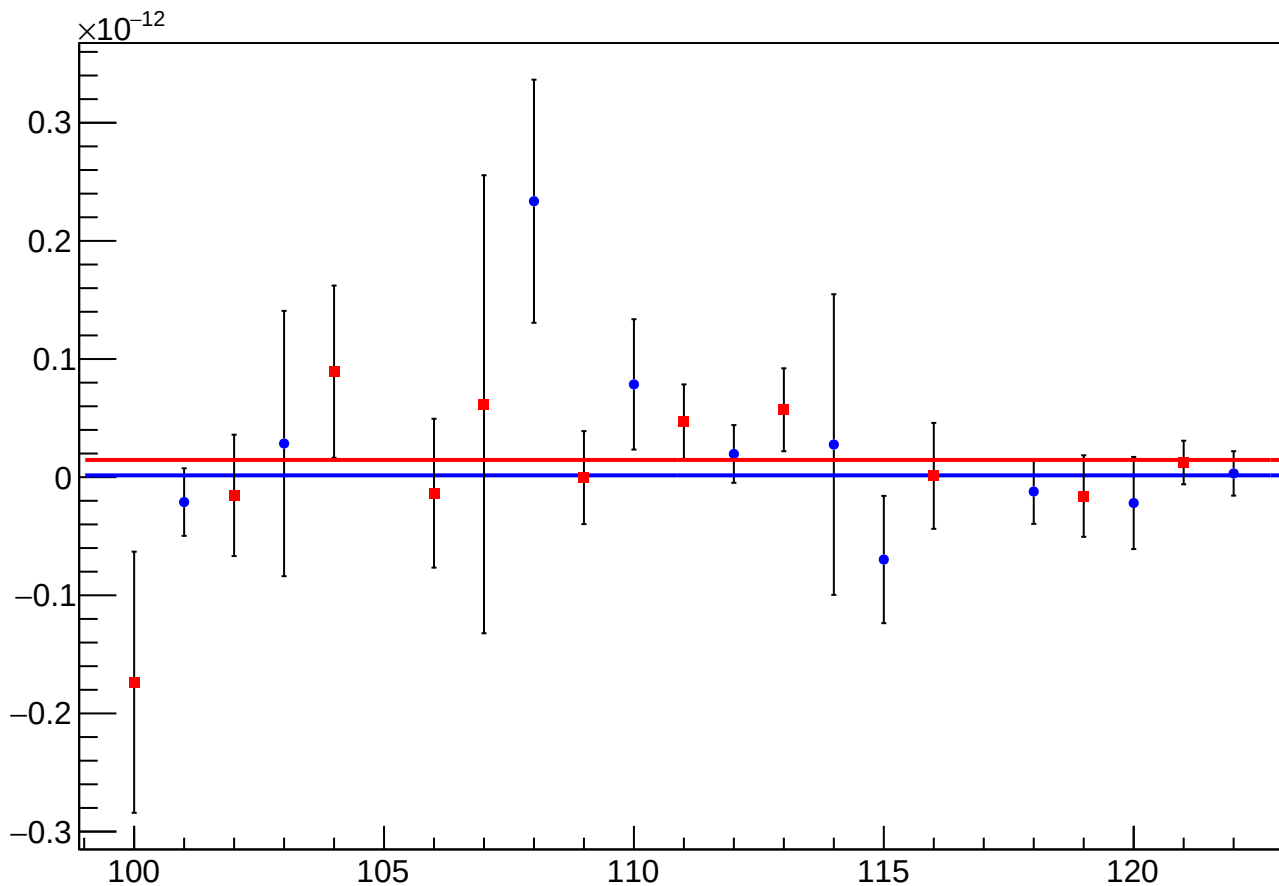
Right: 27.866+/-0.008 χ^2/NDF : 3838175.5/20

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

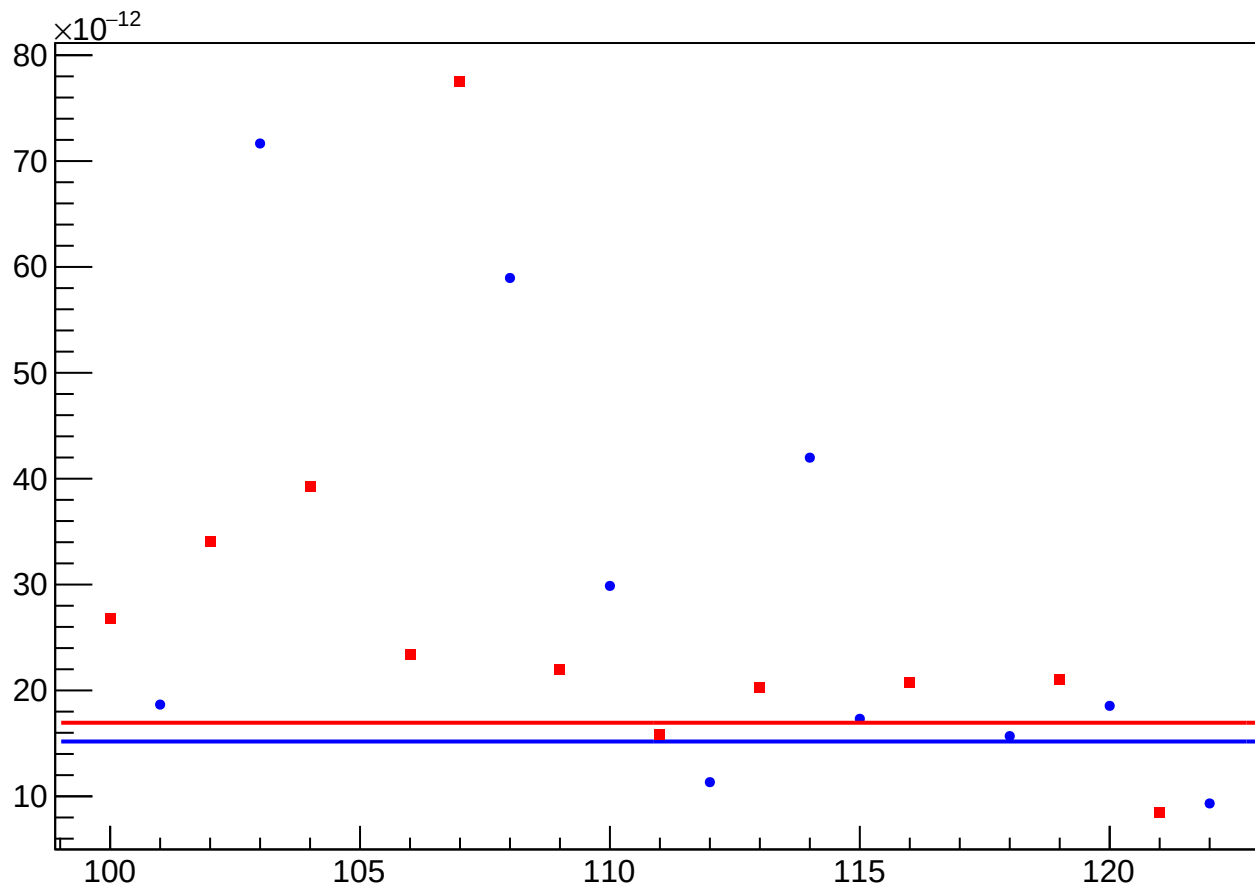
Right: 0.000+/-0.000 χ^2/NDF : 19.5/20

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

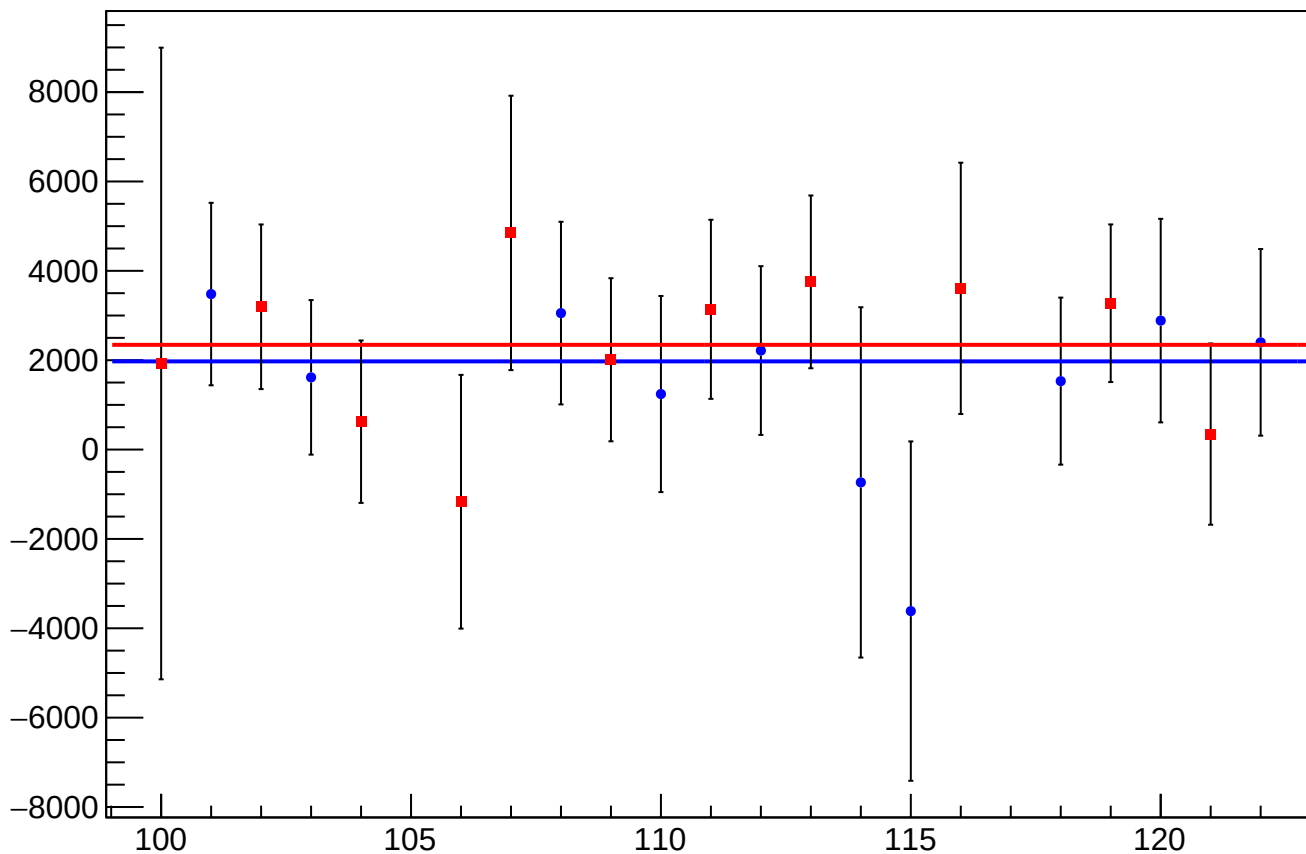
Right: 0.000+/-0.000 χ^2/NDF : 2577249.5/20

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

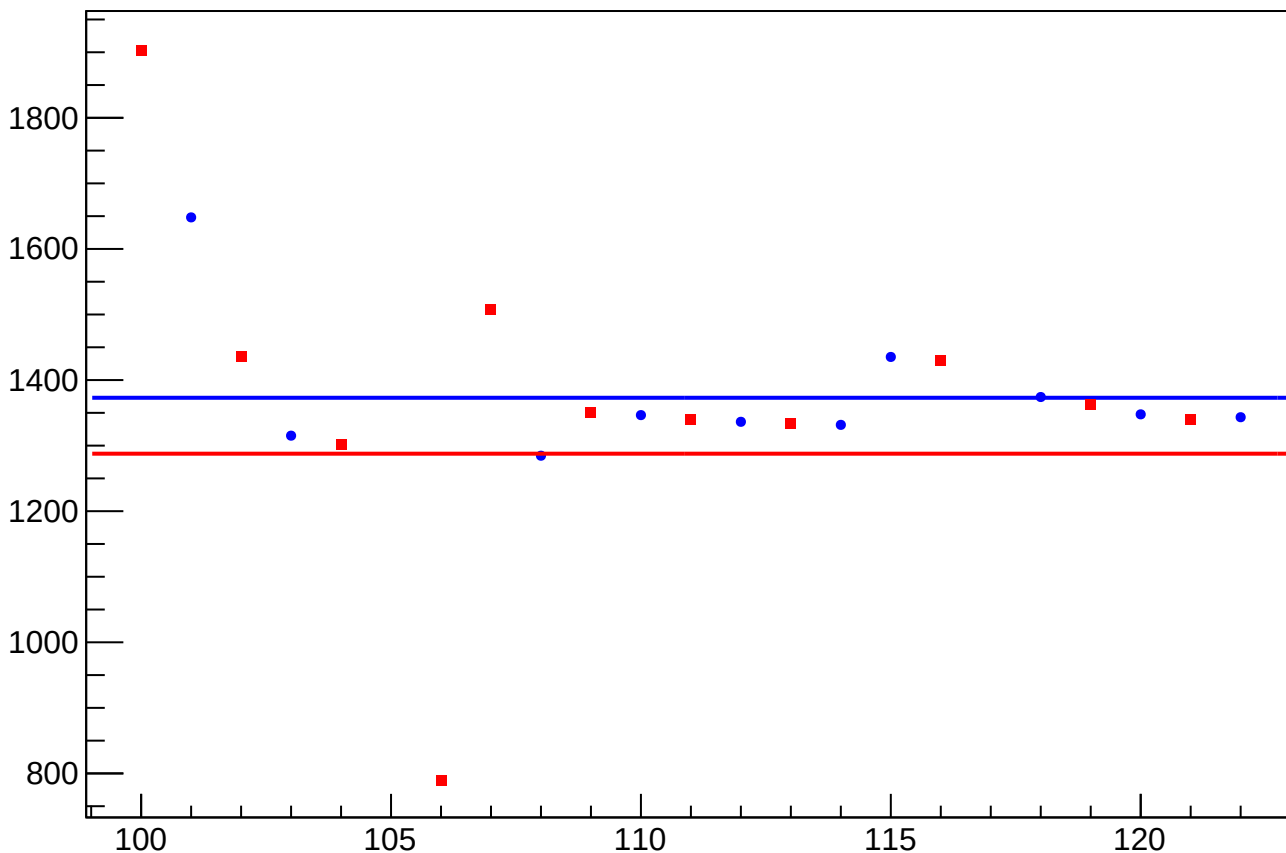
Right: 2167.533+/-471.462 χ^2/NDF : 9.5/20

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

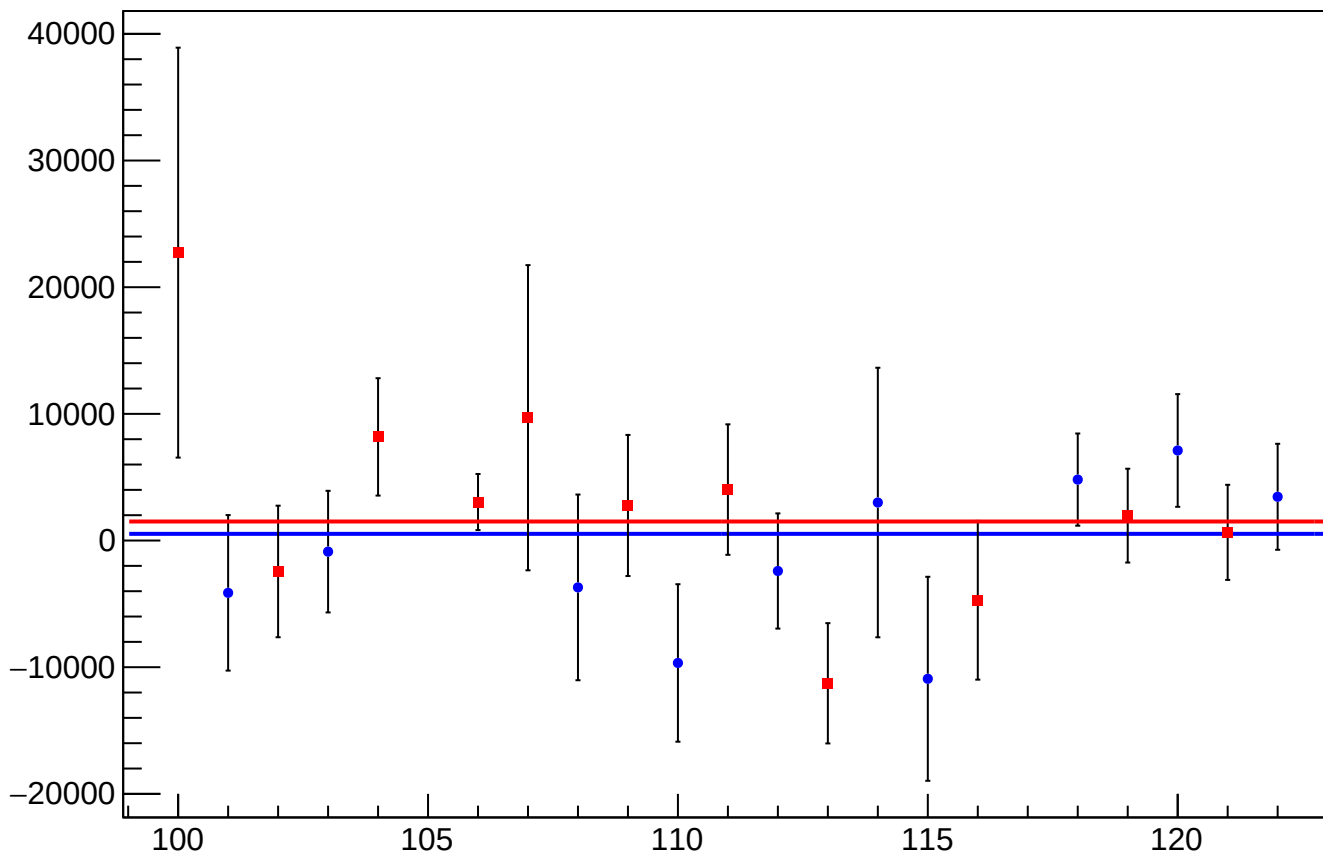
Right: 1326.264+/-0.325 χ^2/NDF : 297215.0/20

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

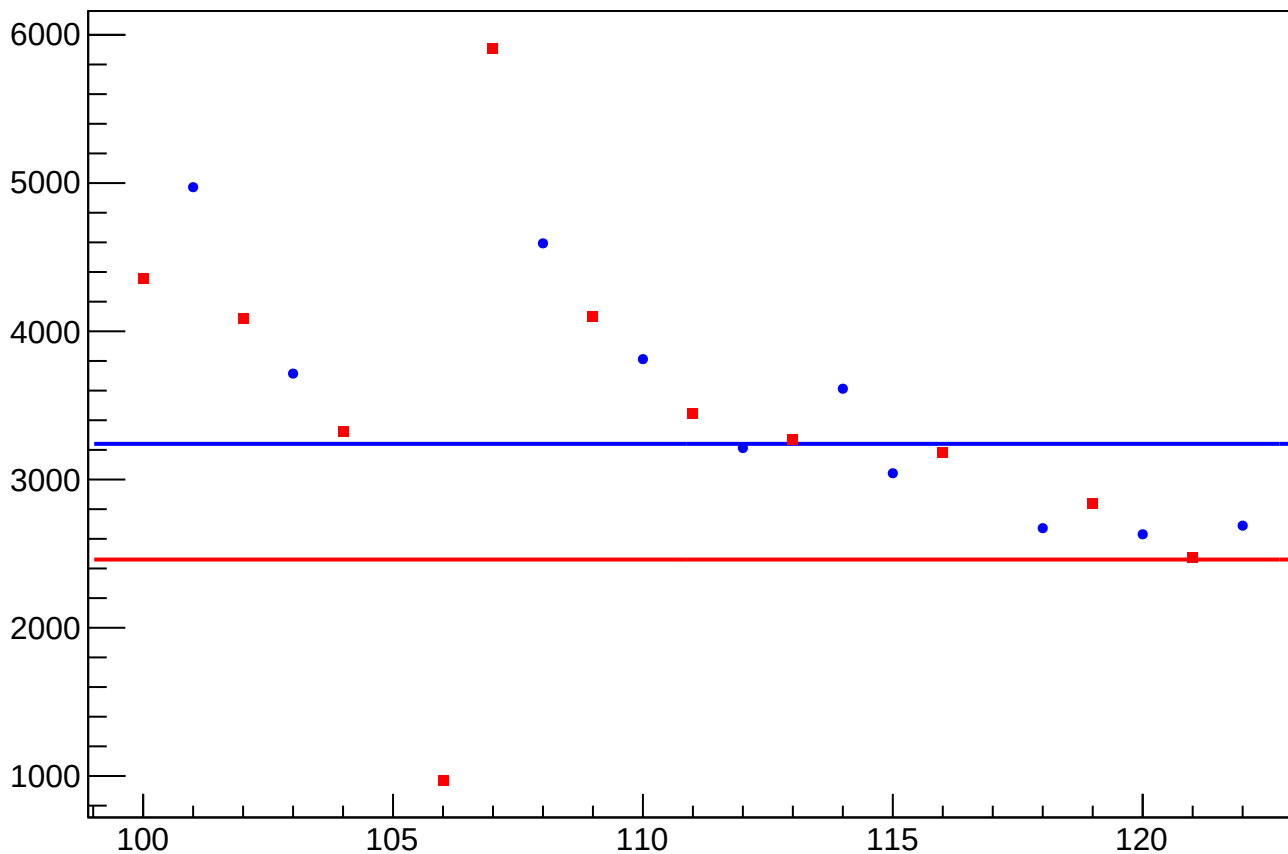
Right: 1123.598+/-1024.800 χ^2/NDF : 24.3/20

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

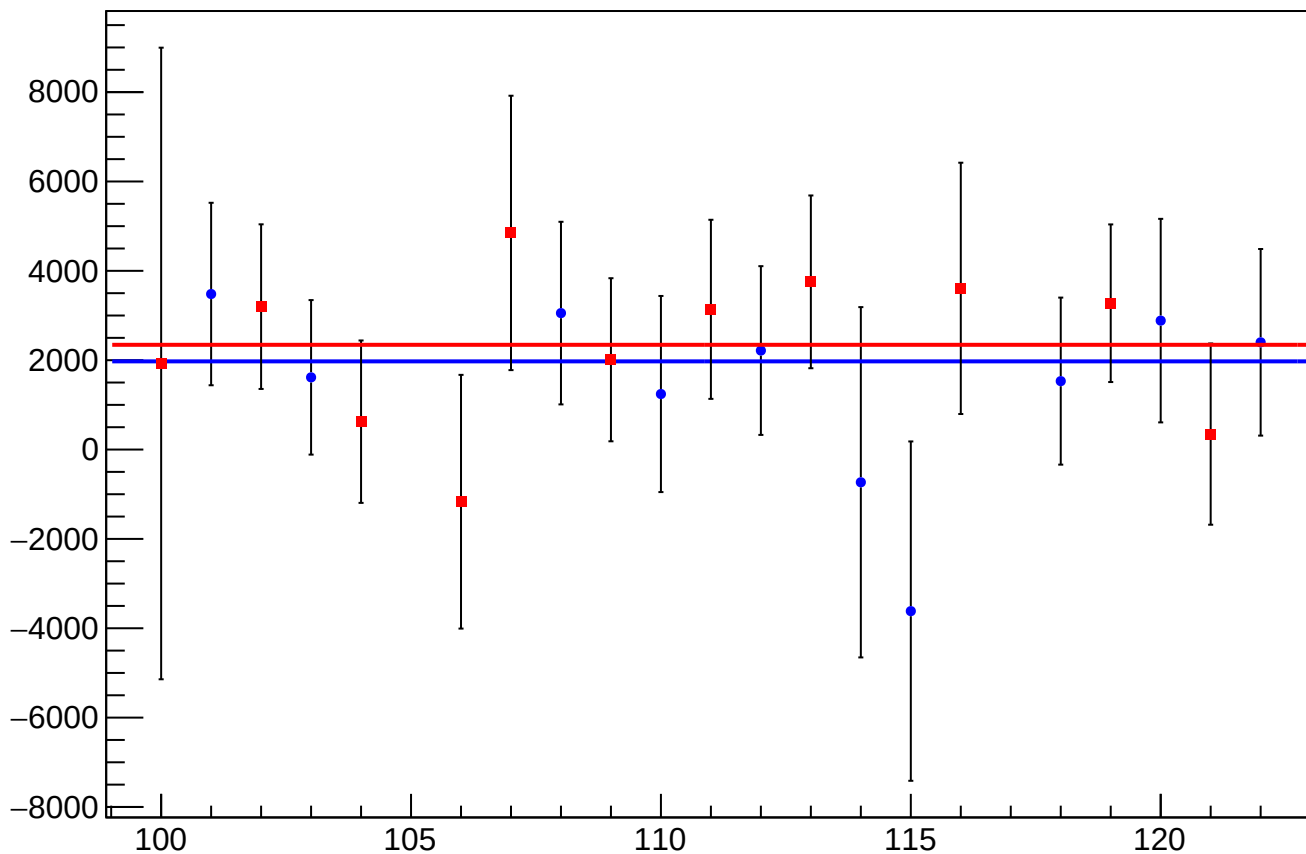
Right: 2763.677+/-0.725 χ^2/NDF : 2379162.8/20

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

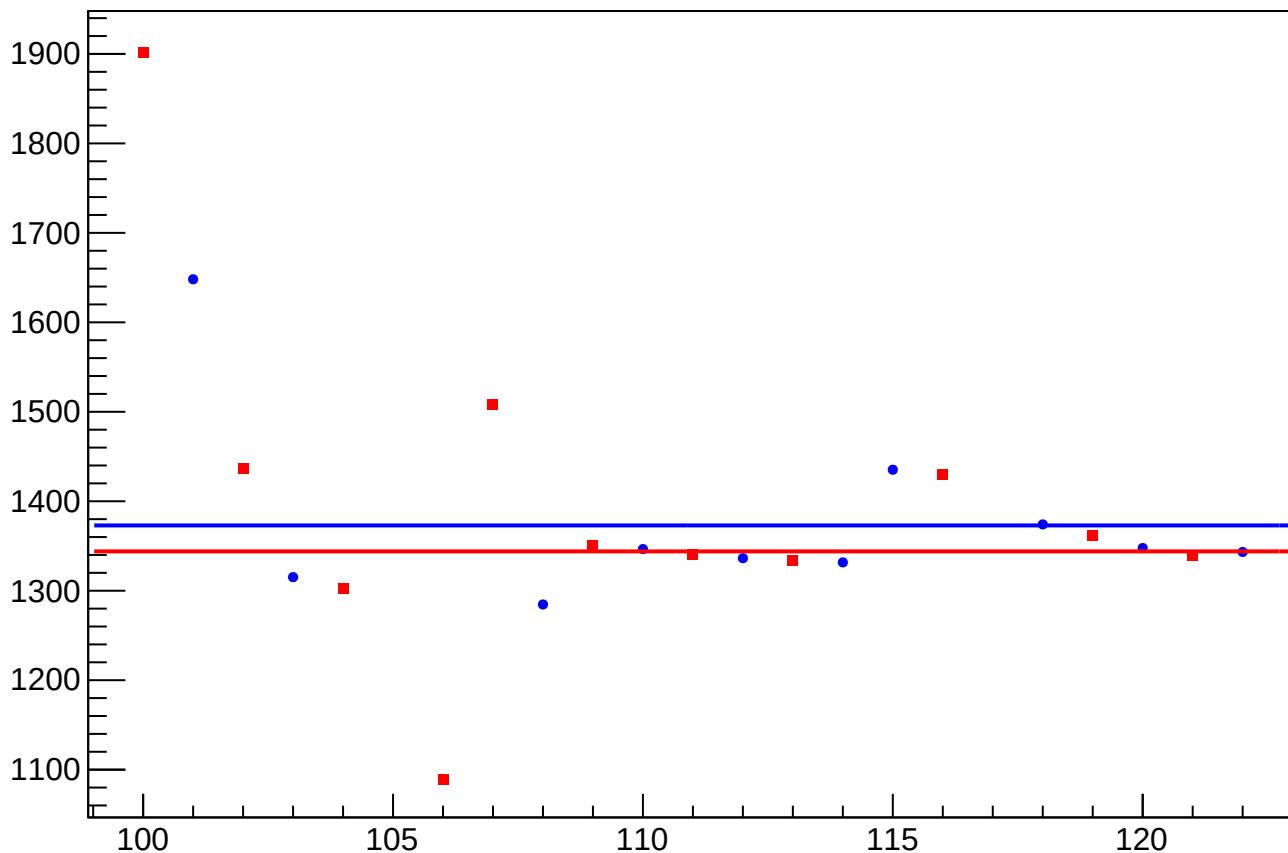
Right: 2167.786+/-471.464 χ^2/NDF : 9.5/20

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

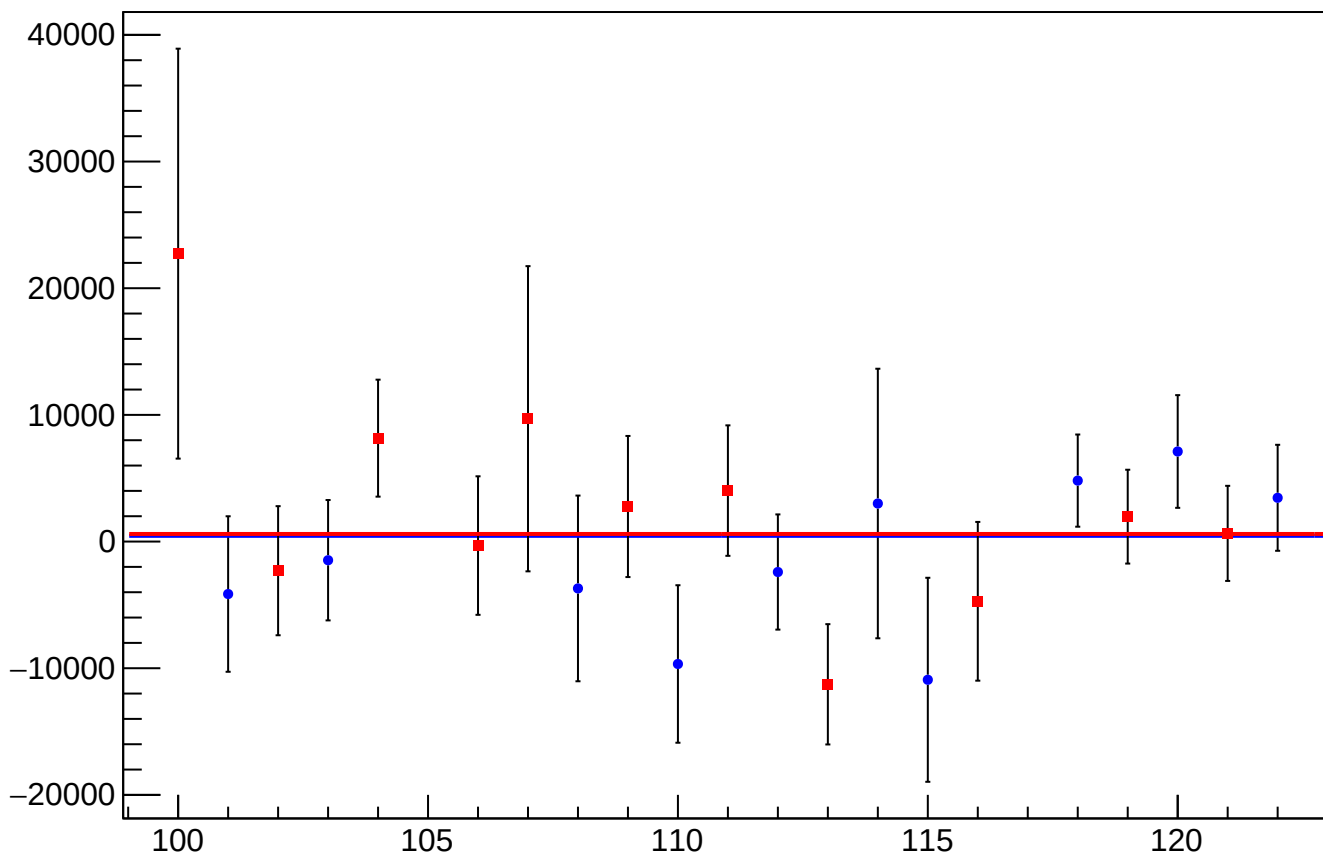
Right: 1357.506+/-0.330 χ^2/NDF : 102290.9/20

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

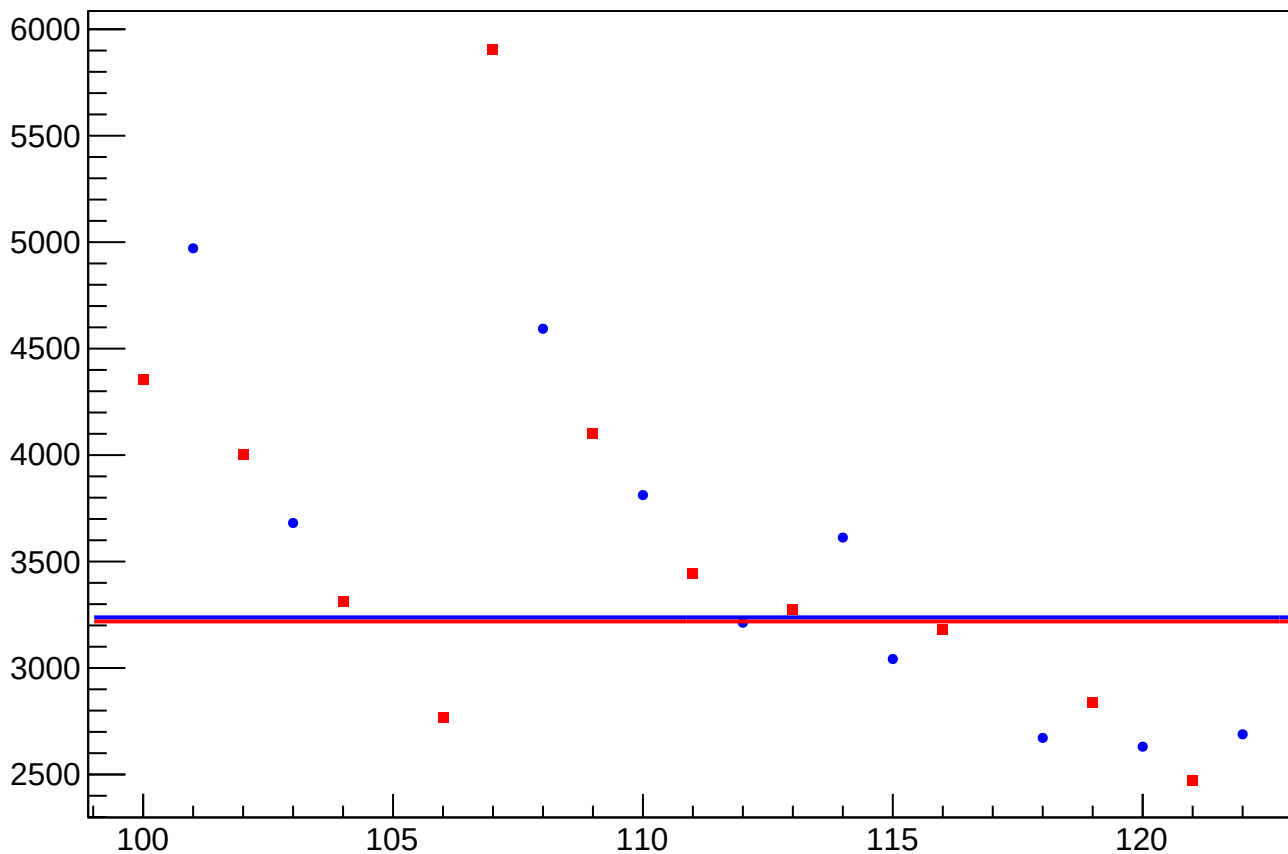
Right: 529.616+/-1129.159 χ^2/NDF : 23.5/20

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

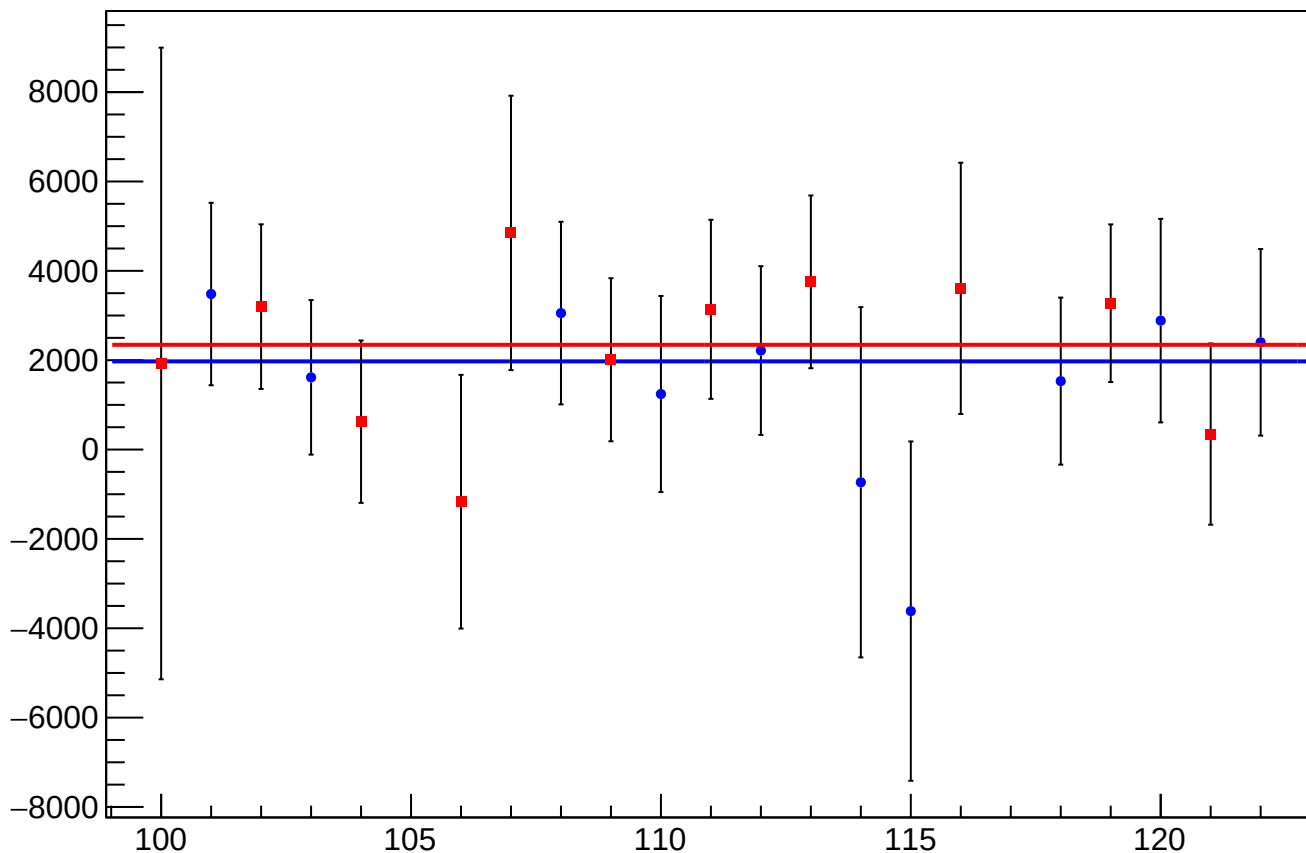
Right: 3227.840+/-0.798 χ^2/NDF : 711338.2/20

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

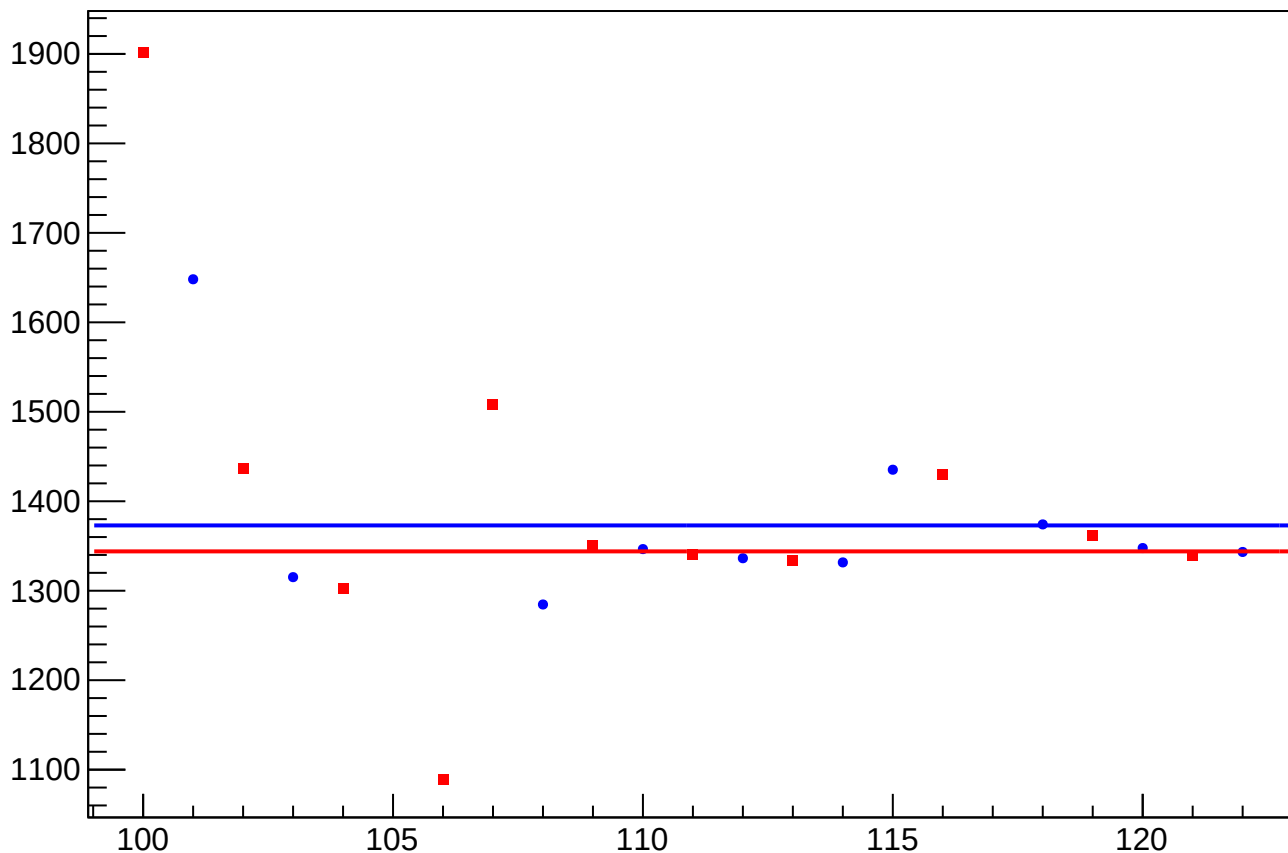
Right: 2167.786+/-471.464 χ^2/NDF : 9.5/20

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

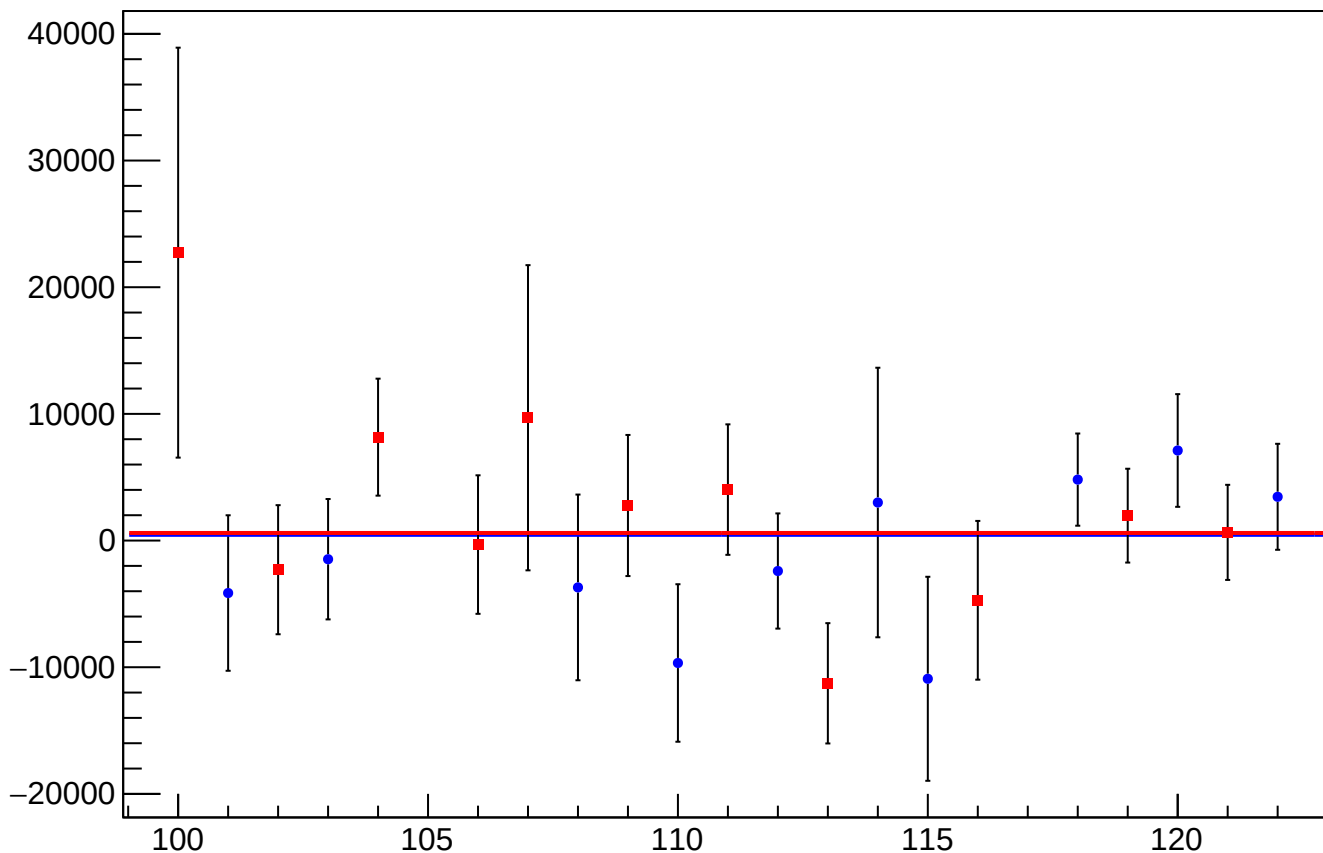
Right: 1357.506+/-0.330 χ^2/NDF : 102290.9/20

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

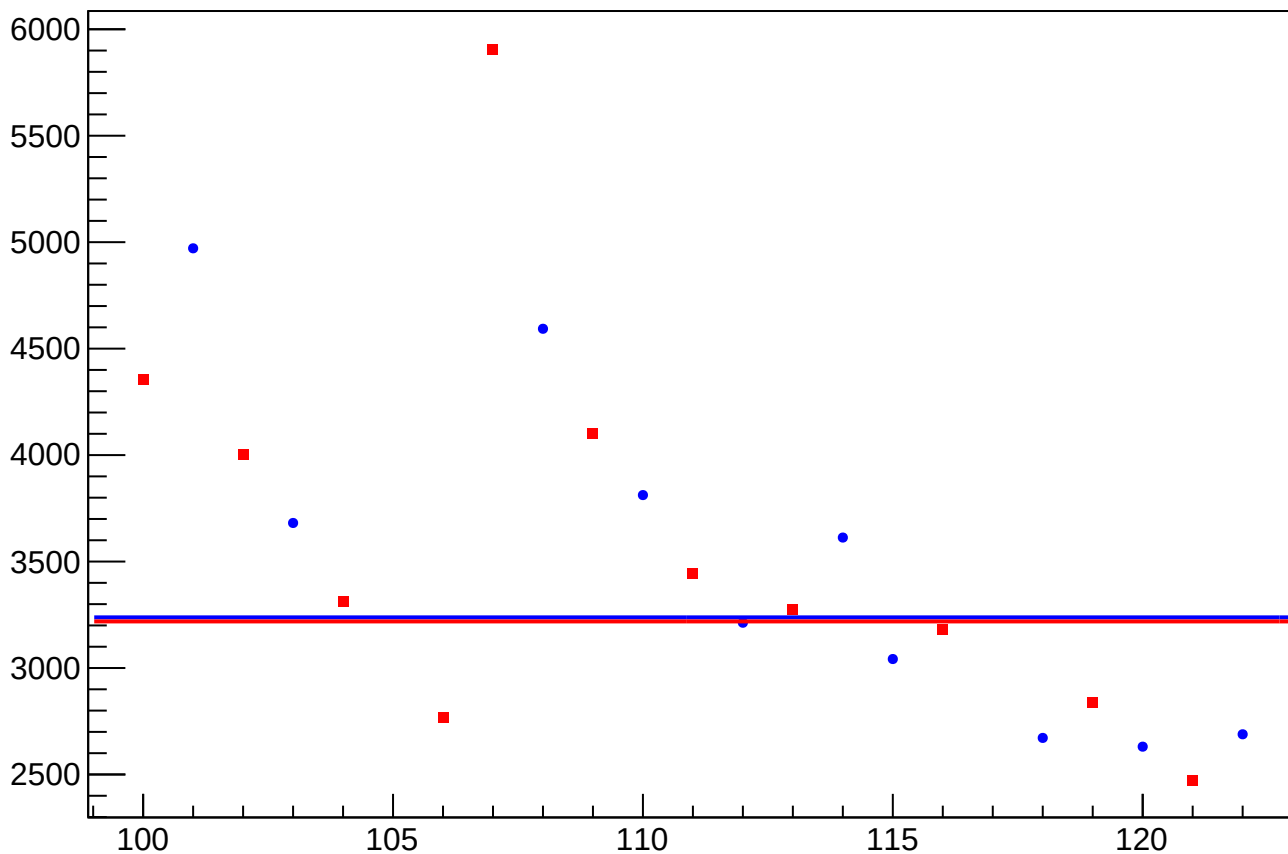
Right: 529.616+/-1129.159 χ^2/NDF : 23.5/20

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

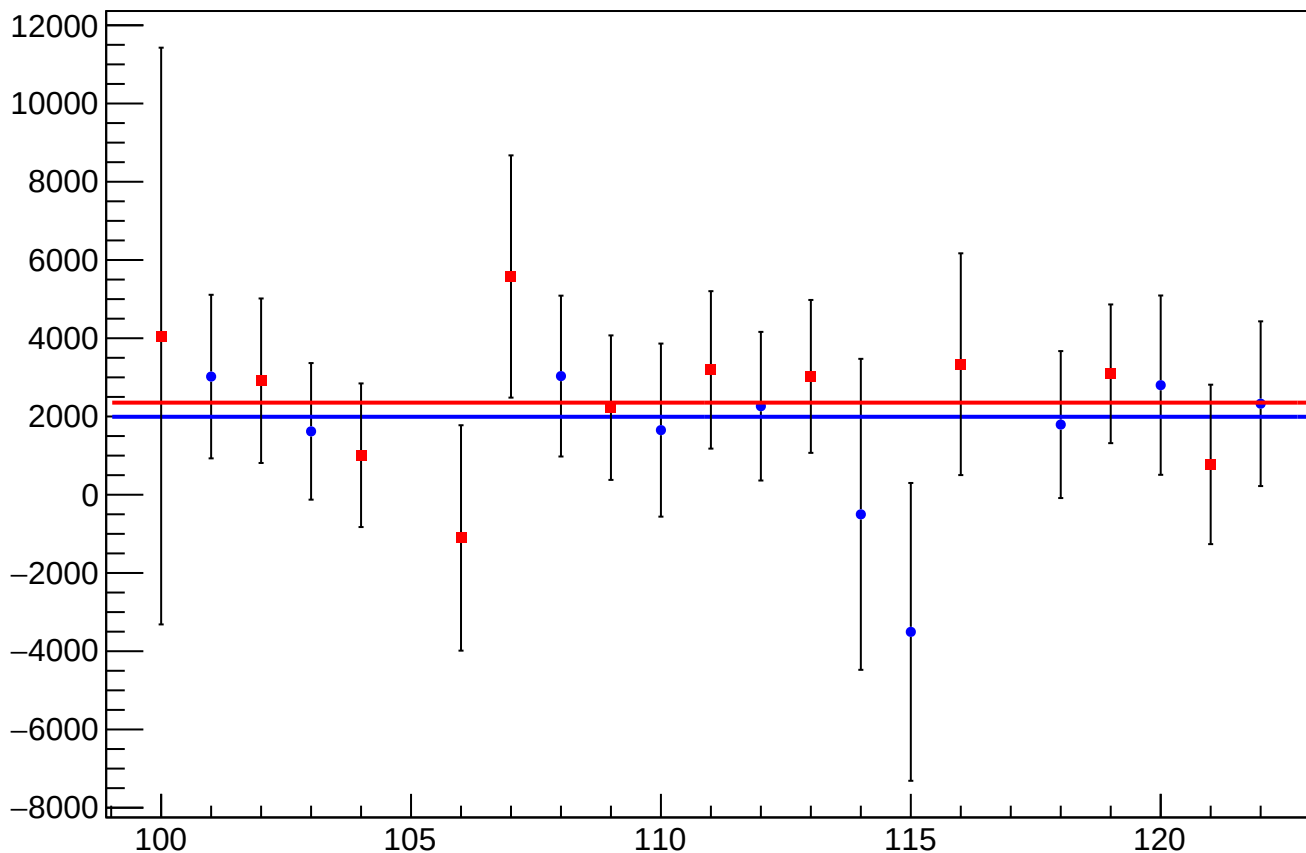
Right: 3227.840+/-0.798 χ^2/NDF : 711338.2/20

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

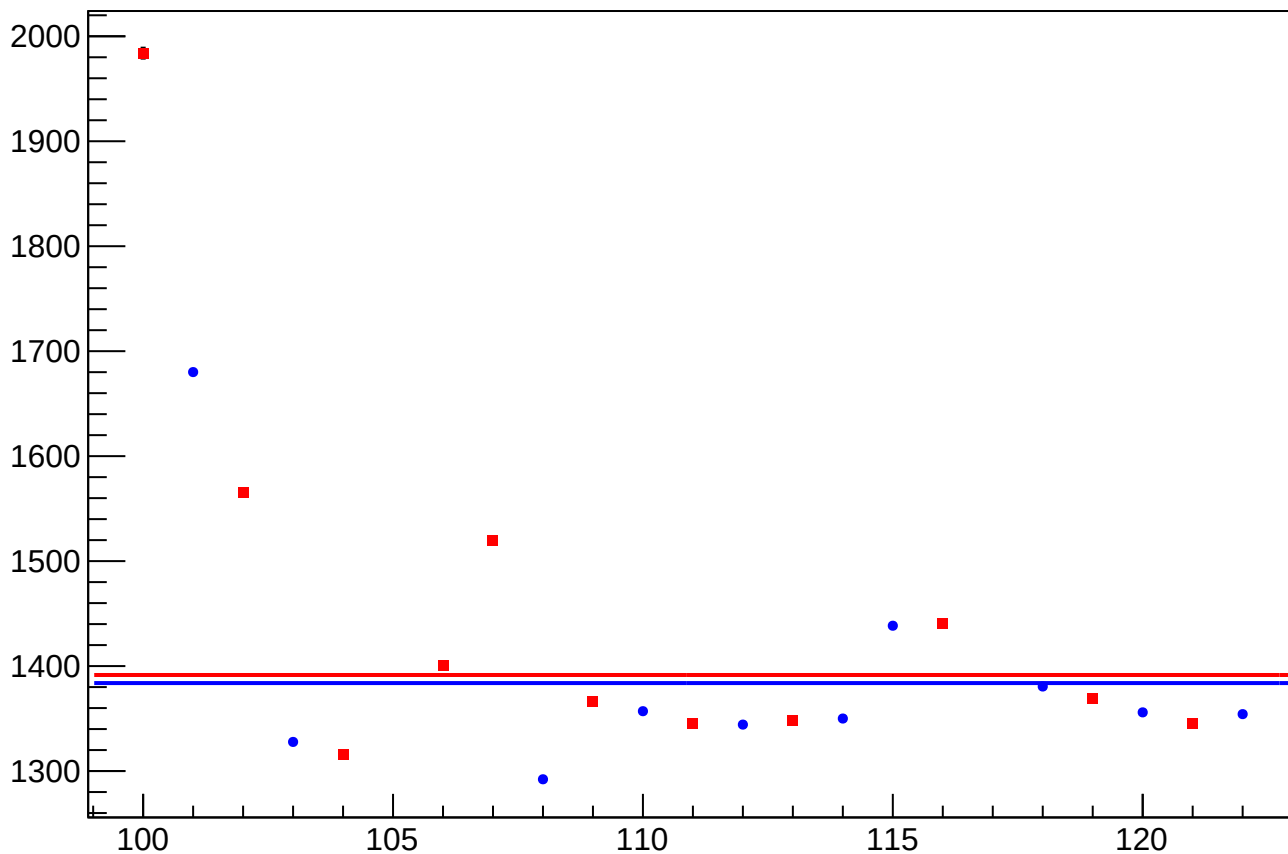
Right: 2179.189+/-478.996 χ^2/NDF : 7.7/20

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

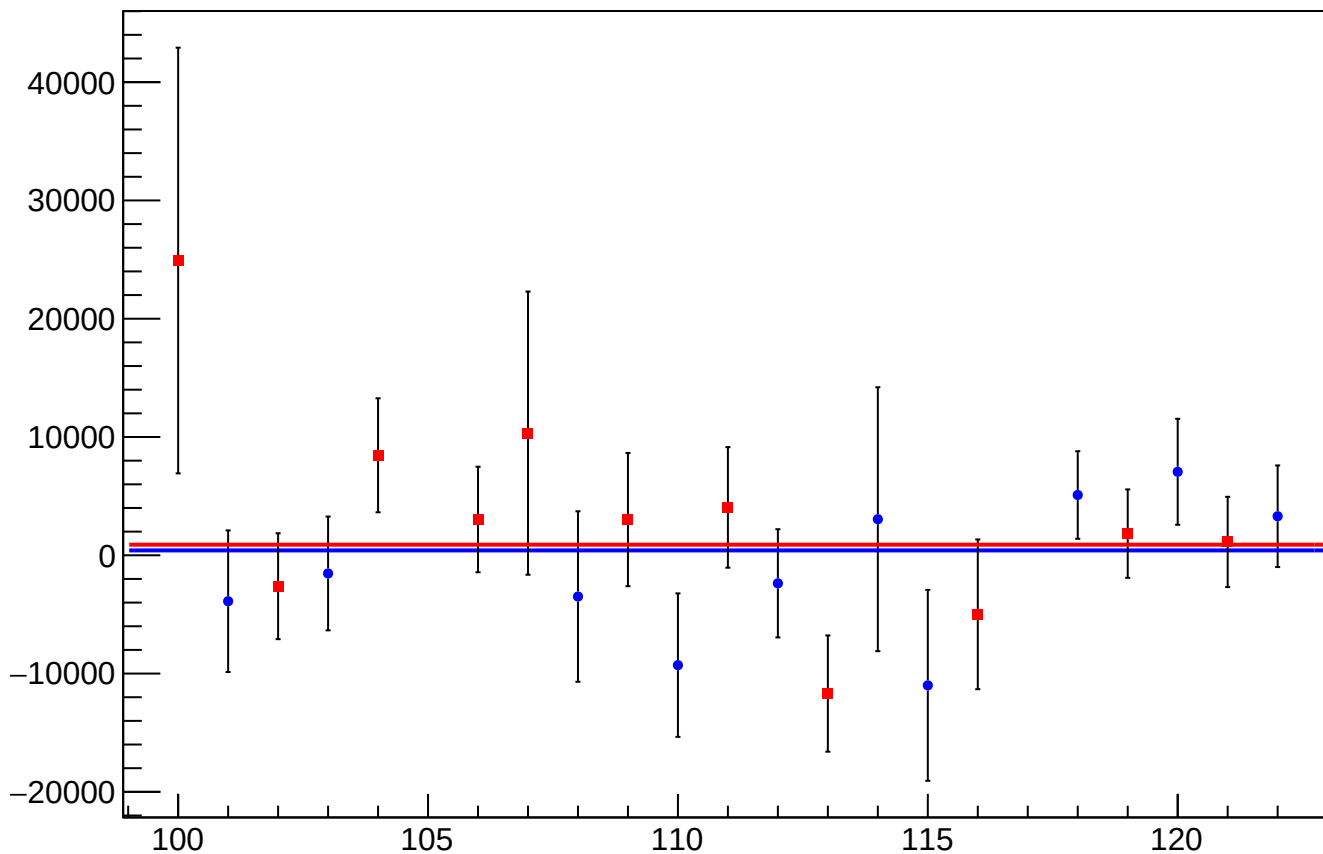
Right: 1387.807+/-0.338 χ^2/NDF : 86578.7/20

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

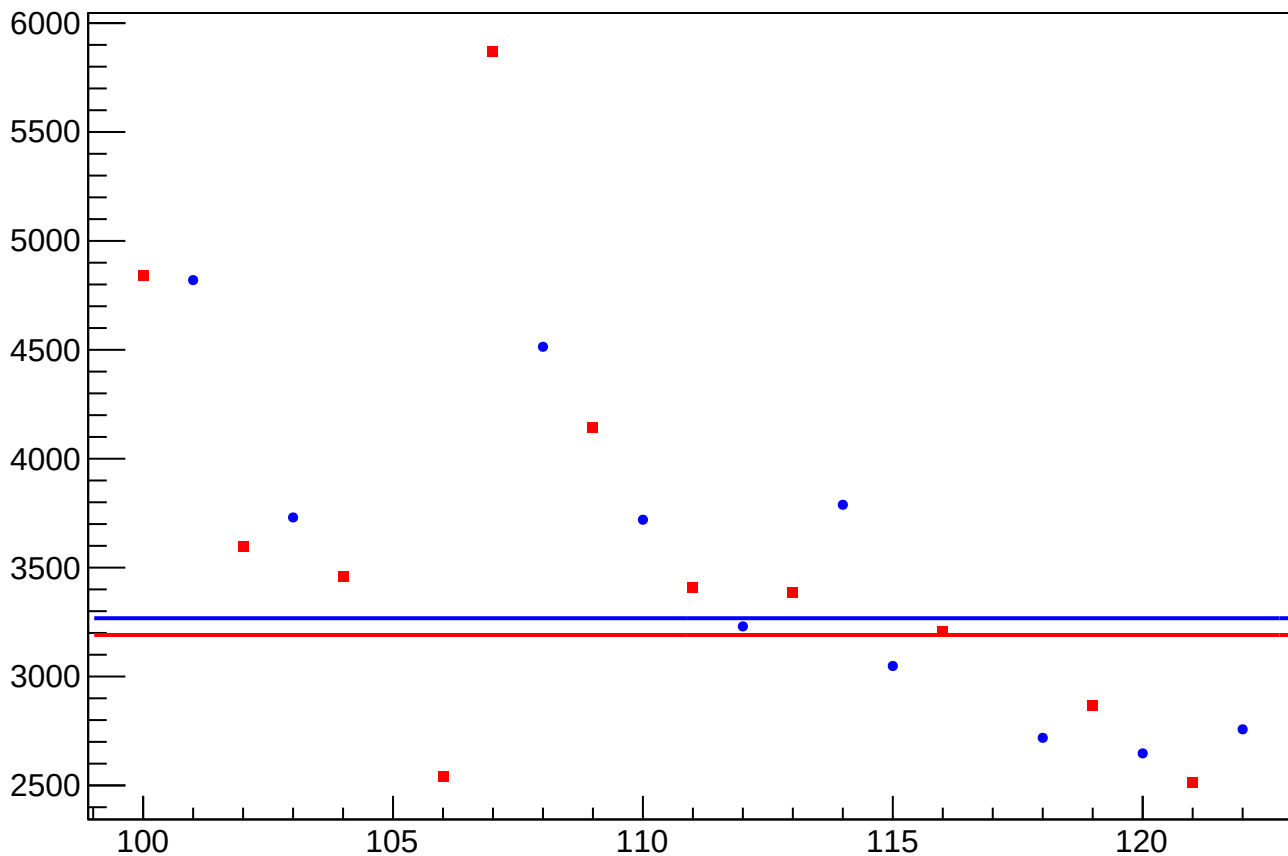
Right: 674.264 $\pm$ 1121.136 χ^2 /NDF: 24.0/20

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

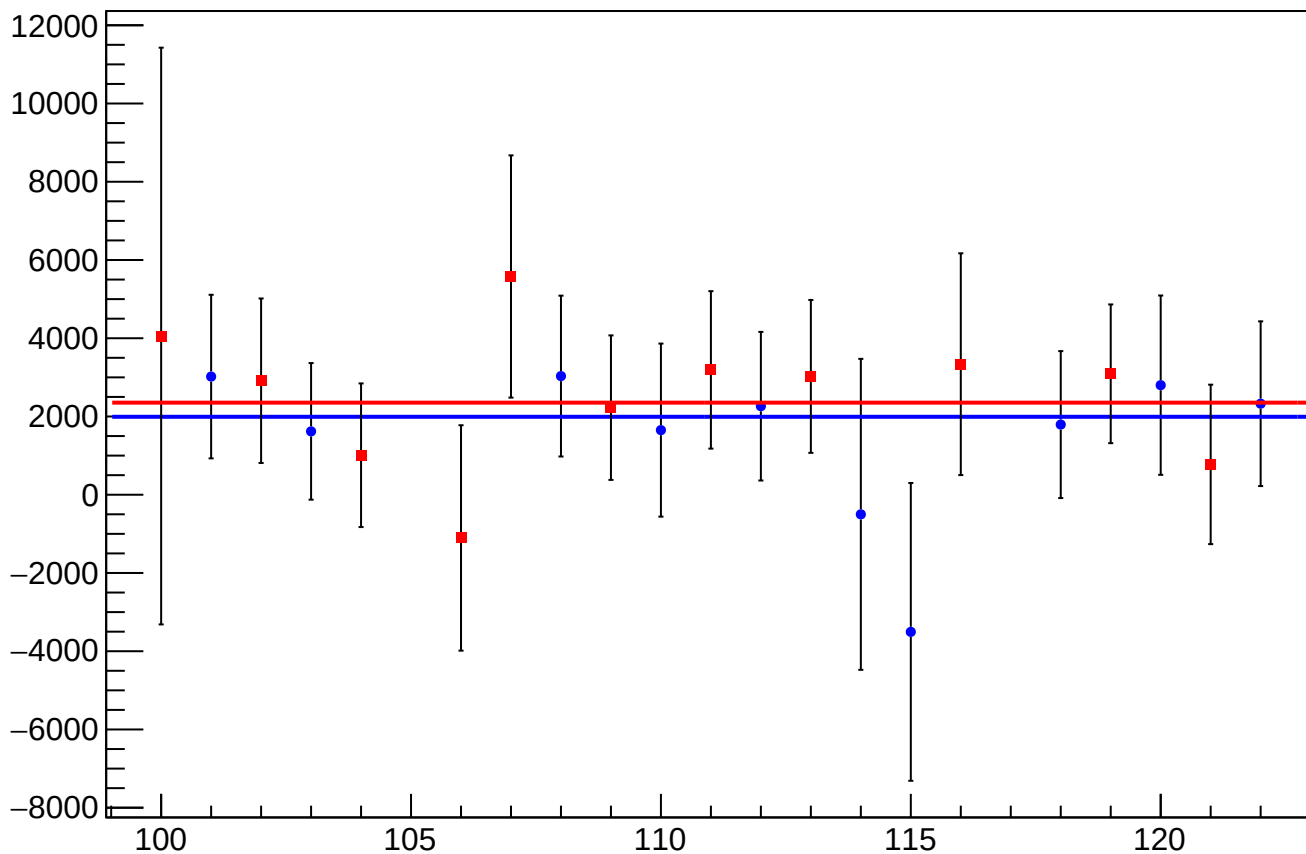
Right: 3226.063+/-0.793 χ^2/NDF : 667078.2/20

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

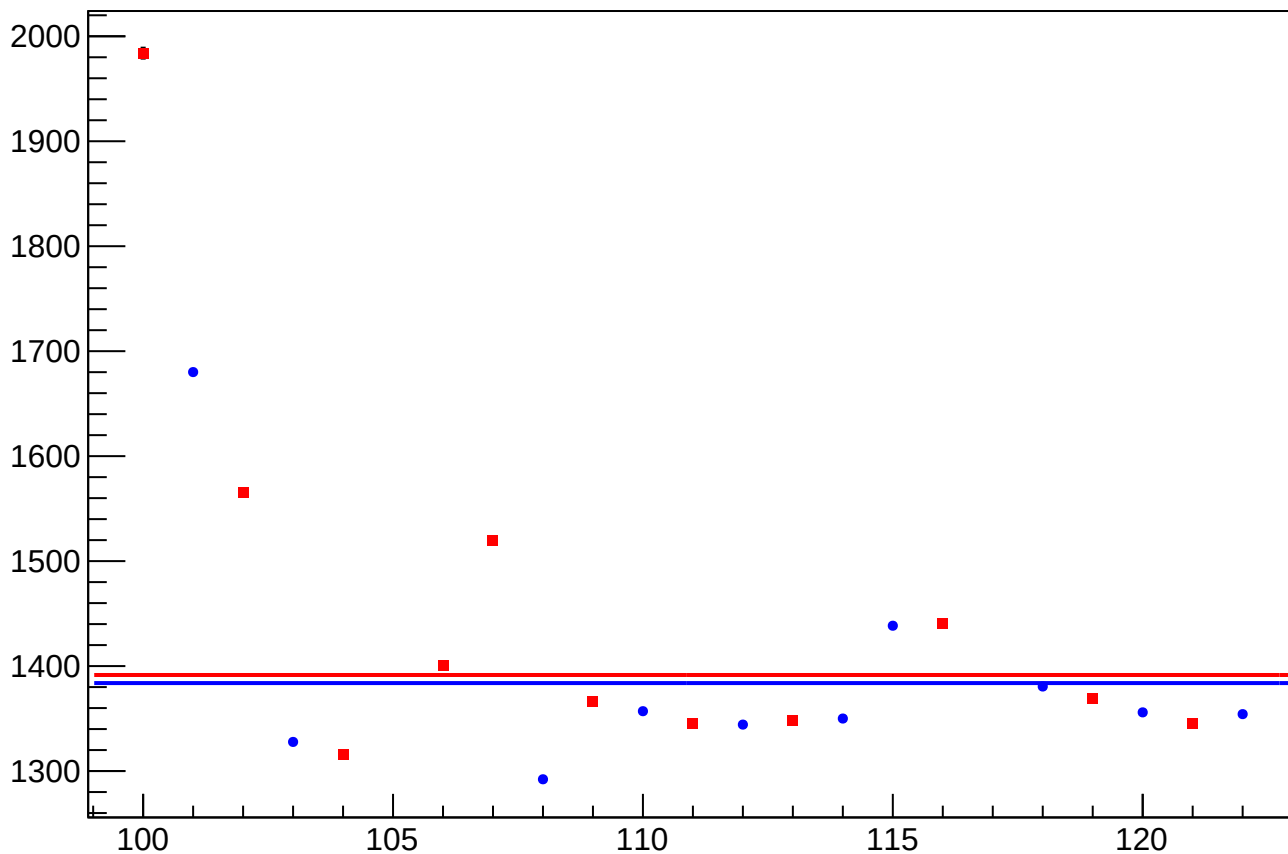
Right: 2179.193+/-478.996 χ^2/NDF : 7.7/20

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

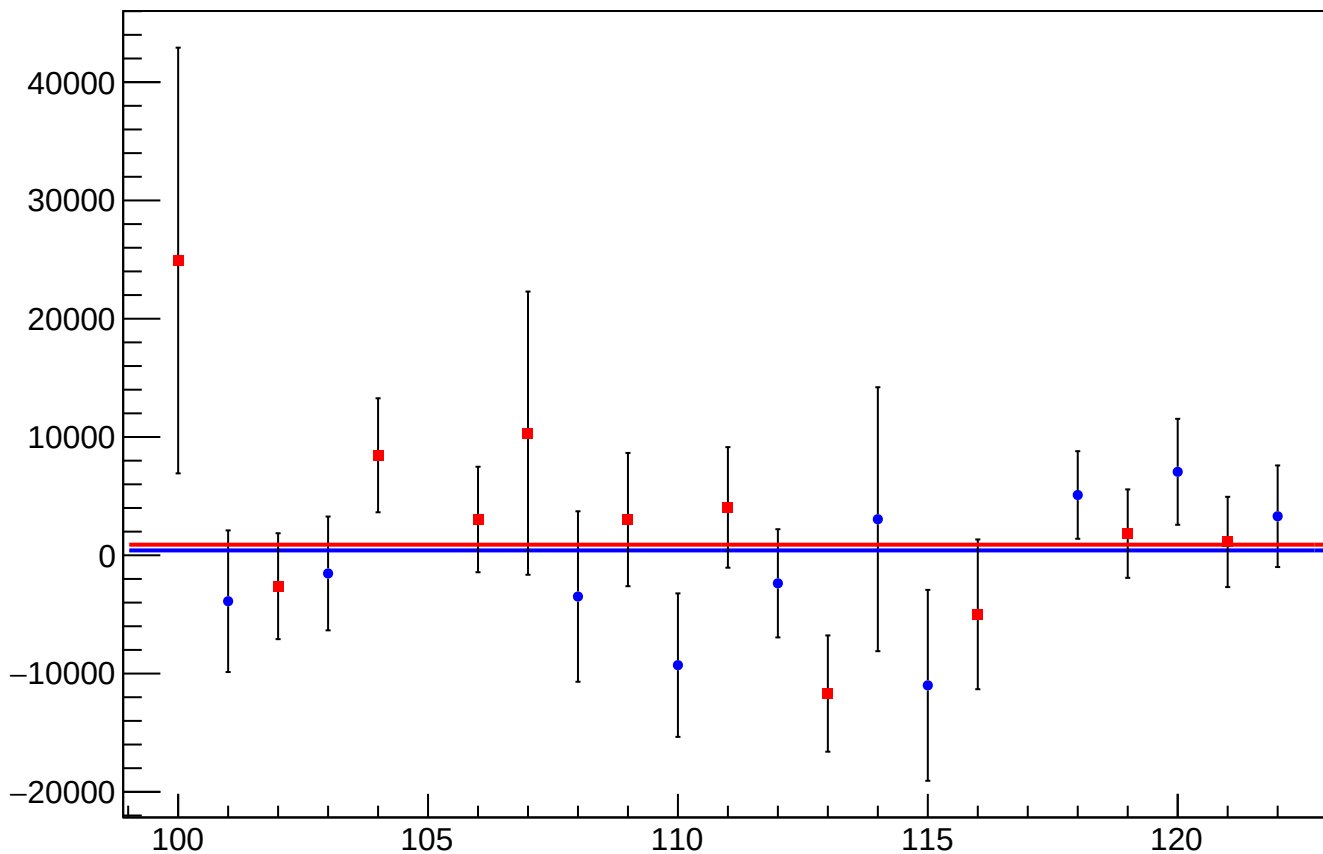
Right: 1387.807+/-0.338 χ^2/NDF : 86578.5/20

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 $\pm$ 1653.555 χ^2 /NDF: 10.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 897.251 $\pm$ 1525.247 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

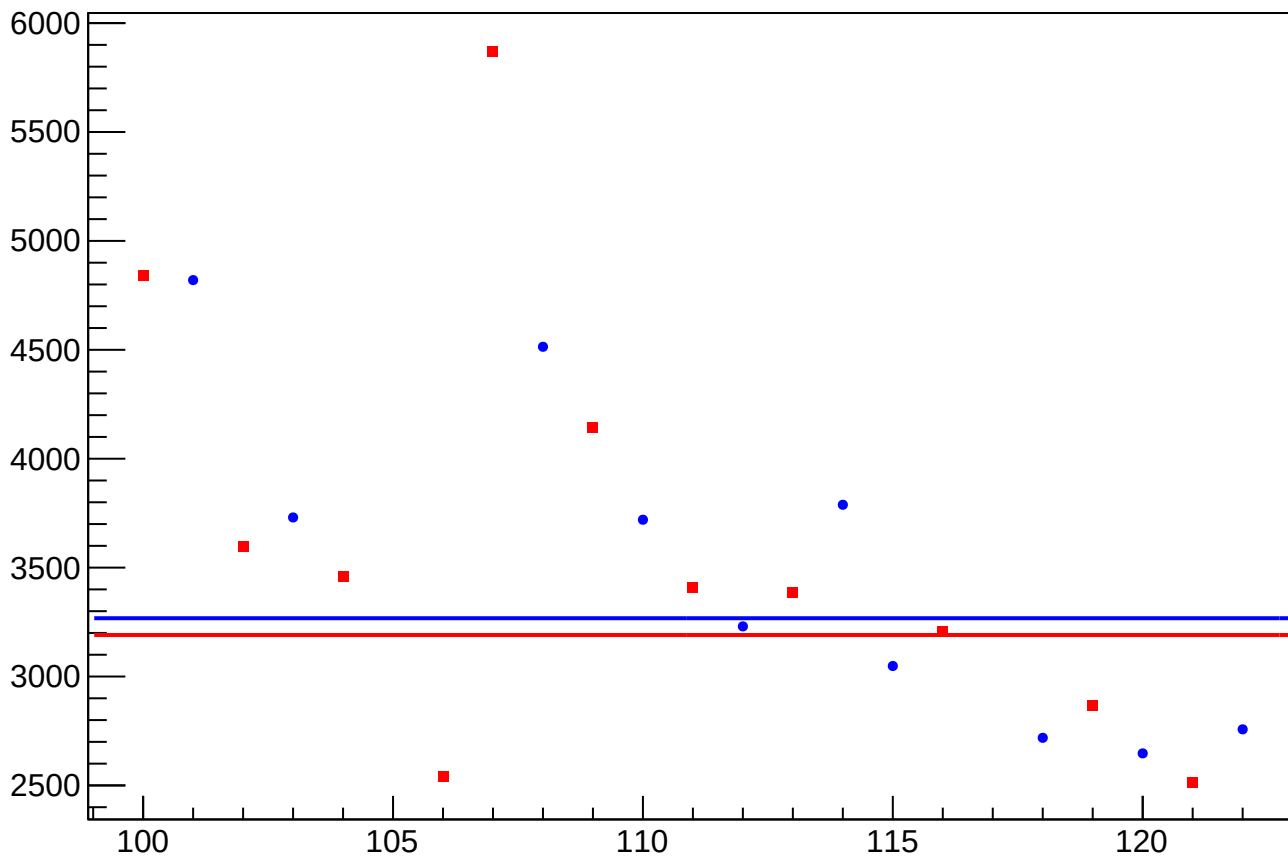
Right: 674.266 $\pm$ 1121.132 χ^2 /NDF: 24.0/20

In: 412.187 $\pm$ 1653.555 χ^2 /NDF:10.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 674.266 $\pm$ 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

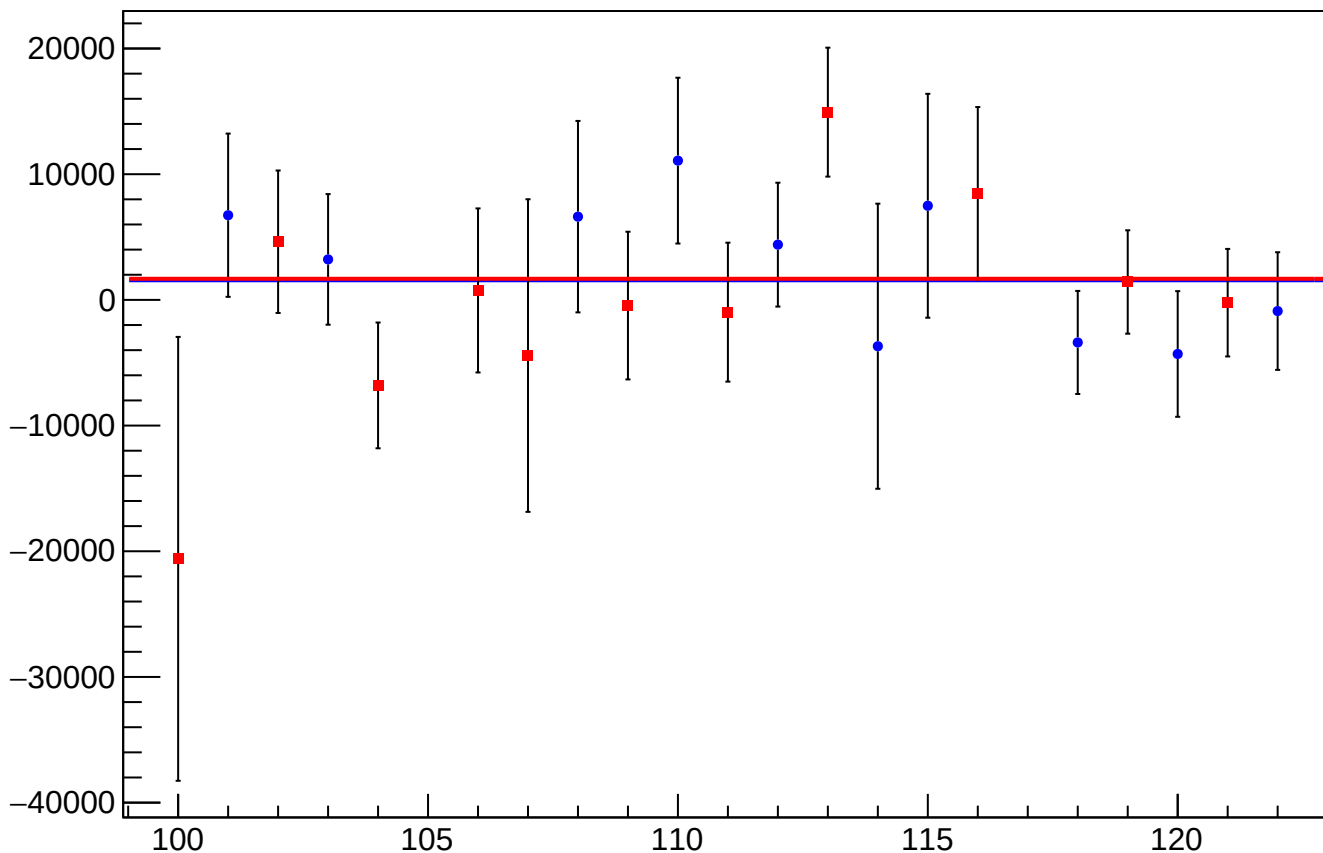
Right: 3226.053+/-0.793 χ^2/NDF : 667083.9/20

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

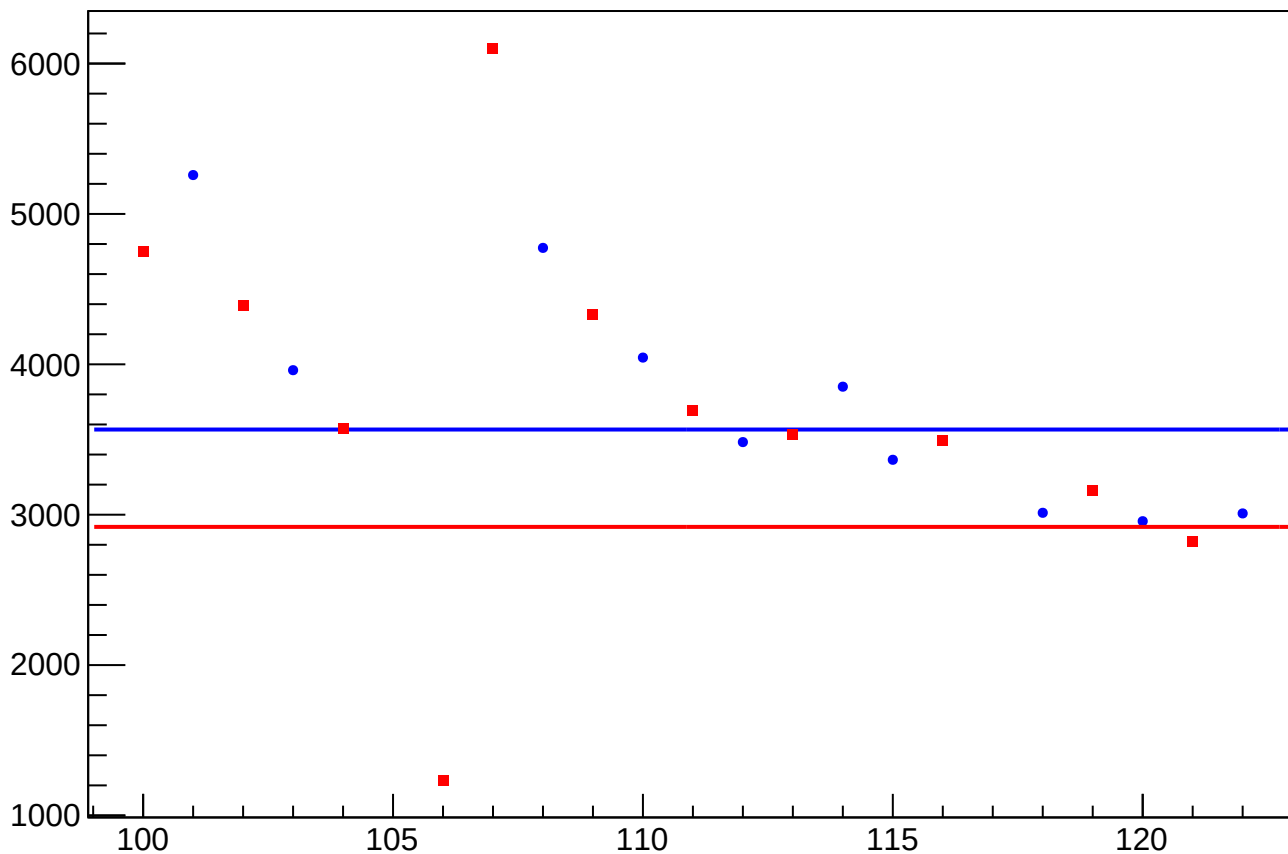
Right: 1623.359+/-1243.667 χ^2/NDF : 20.6/20

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

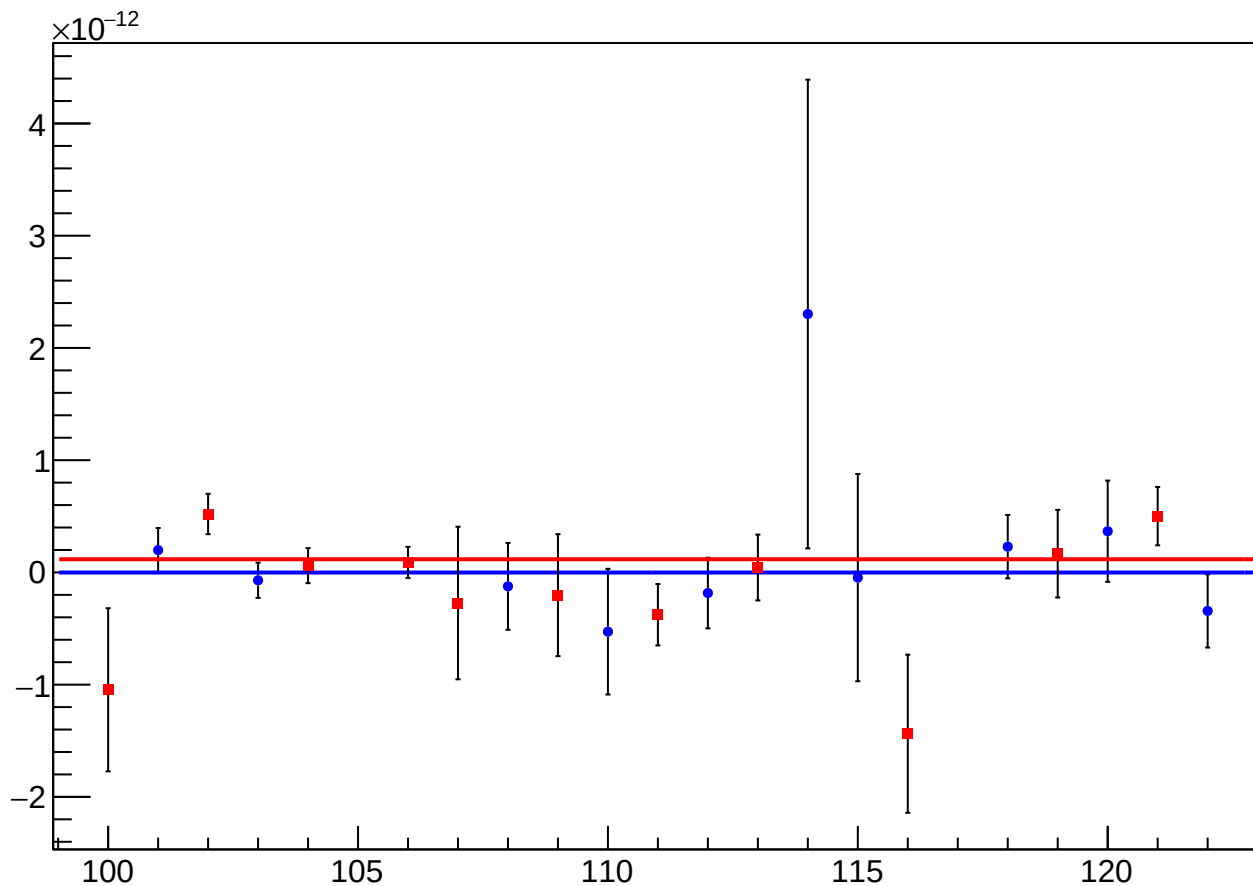
Right: 3185.663+/-0.818 χ^2/NDF : 1688268.4/20

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

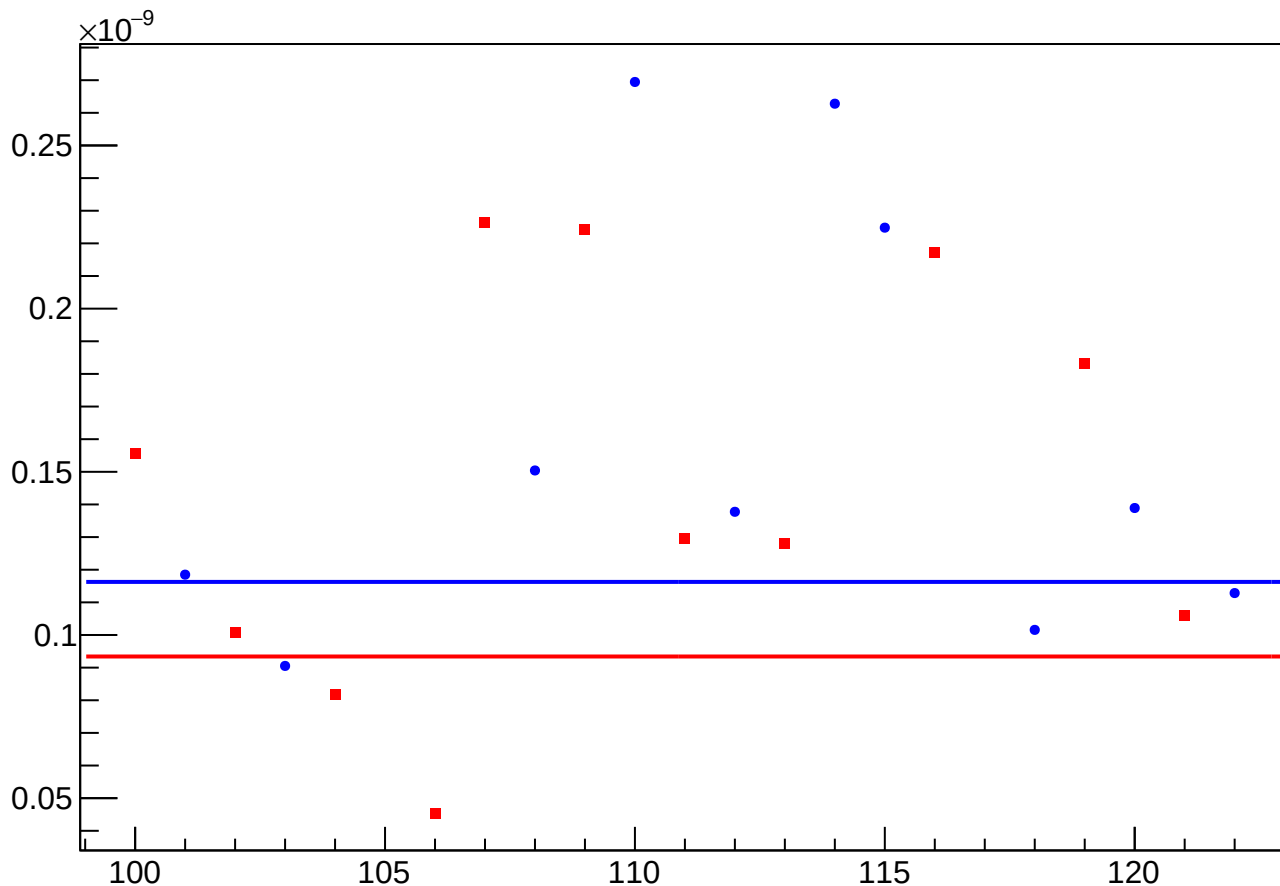
Right: 0.000 ± 0.000 χ^2/NDF : 26.0/20

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

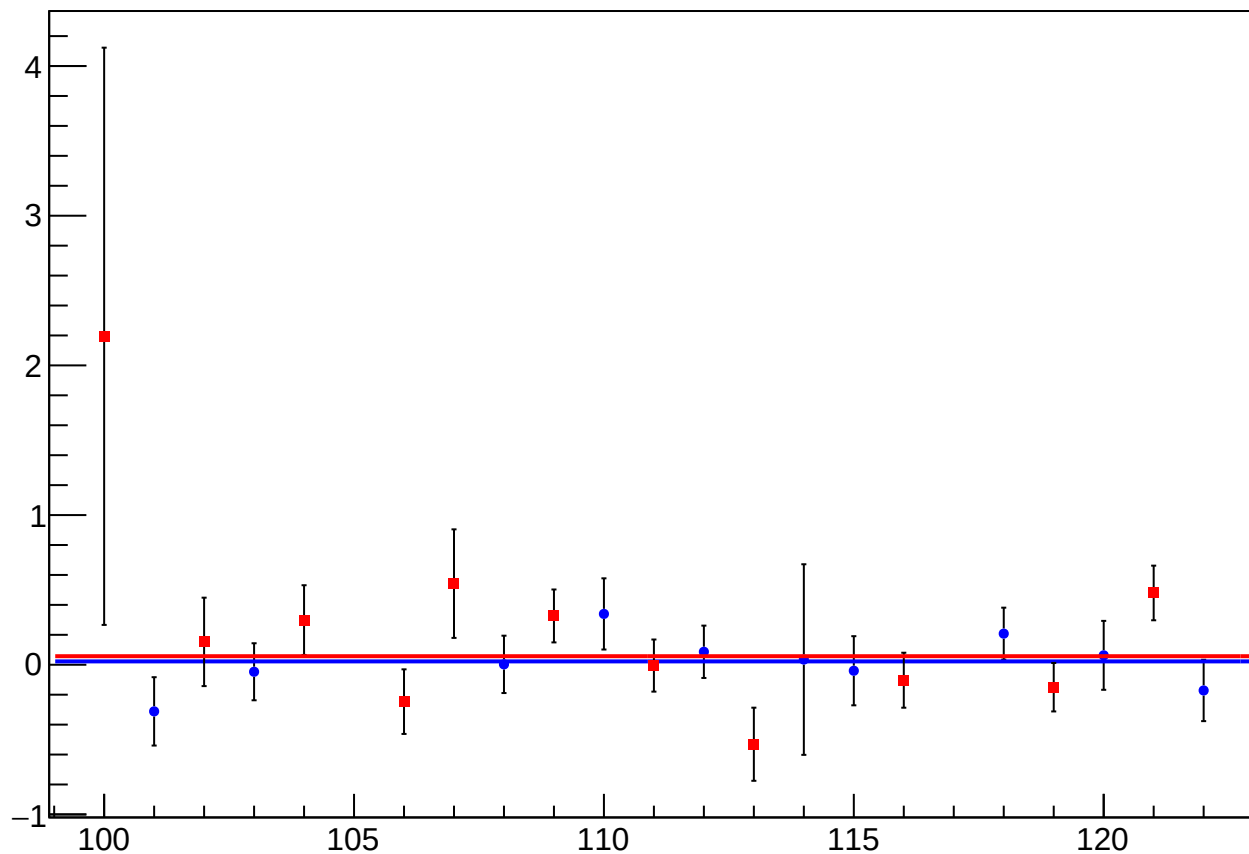
Right: 0.000+/-0.000 χ^2/NDF : 1048000.1/20

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

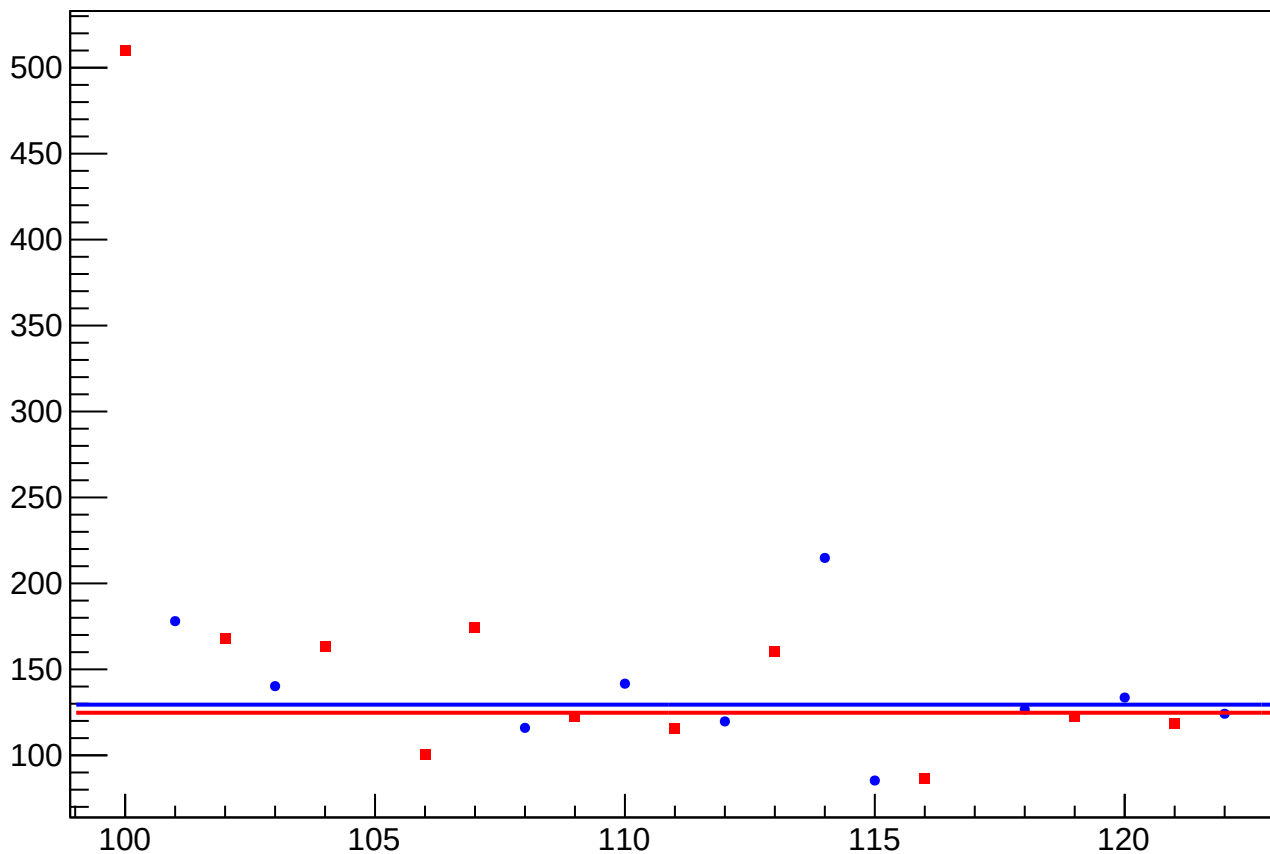
Right: 0.040+/-0.047 χ^2/NDF : 28.7/20

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+/-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

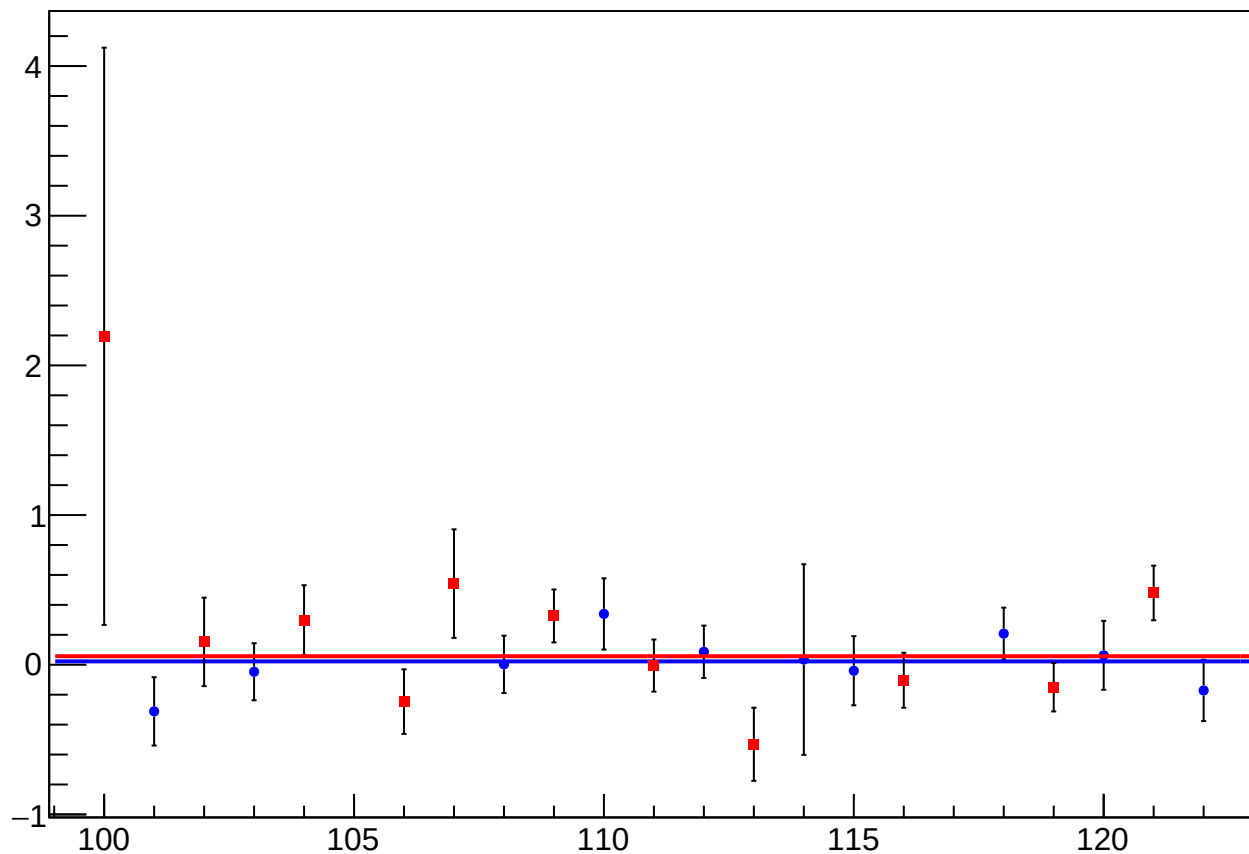
Right: 127.019+/-0.033 χ^2/NDF : 611500.1/20

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_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

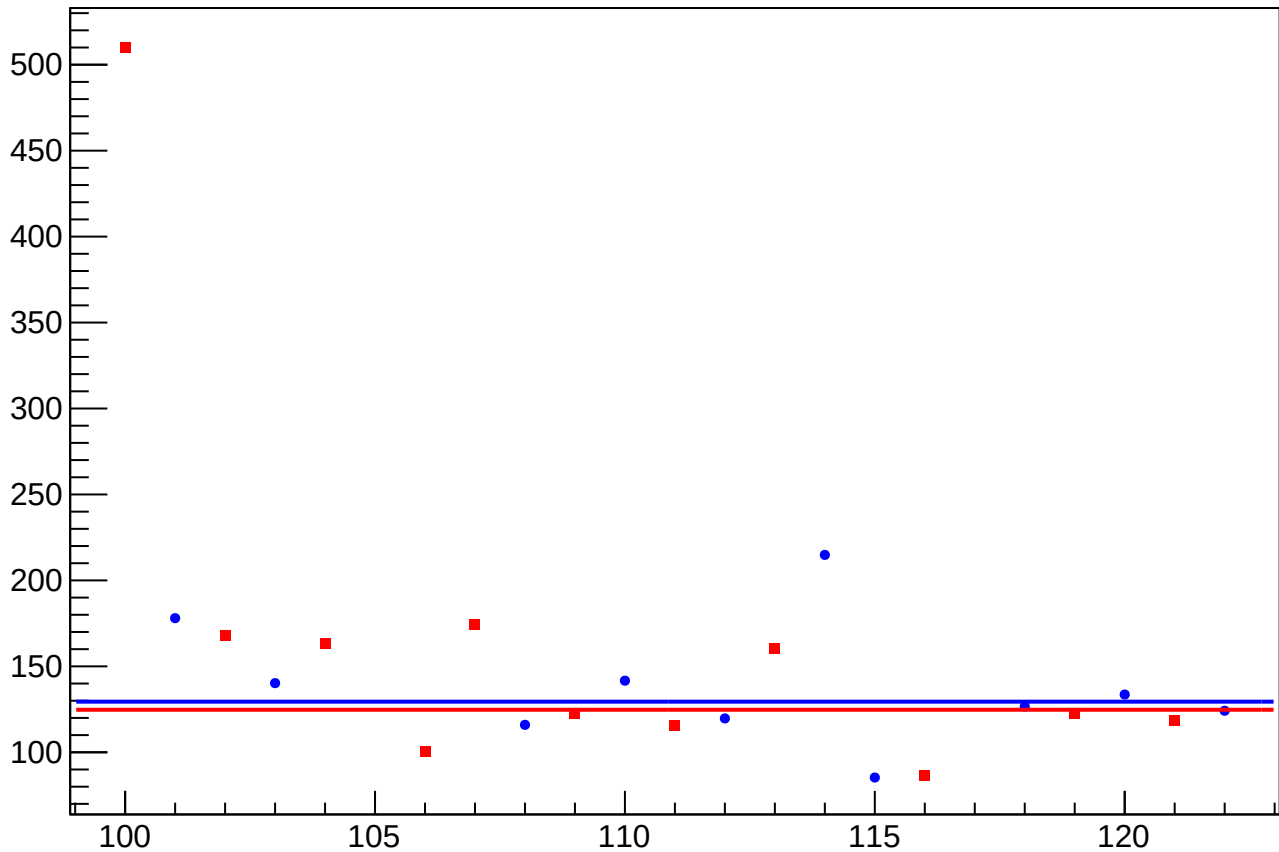
Right: 0.040+/-0.047 χ^2/NDF : 28.7/20

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 $\pm$ 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

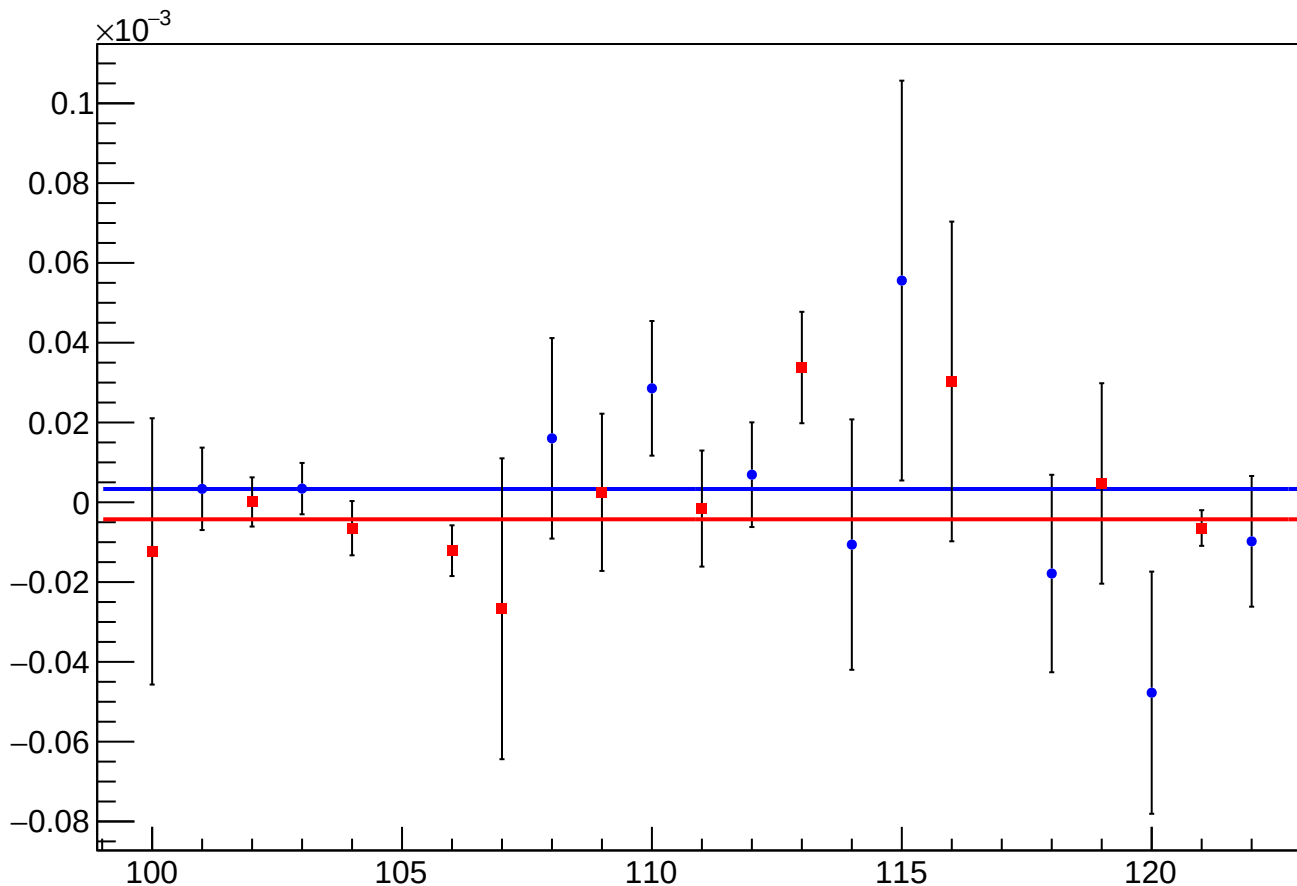
Right: 127.019 $\pm$ 0.033 χ^2 /NDF: 611500.1/20

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

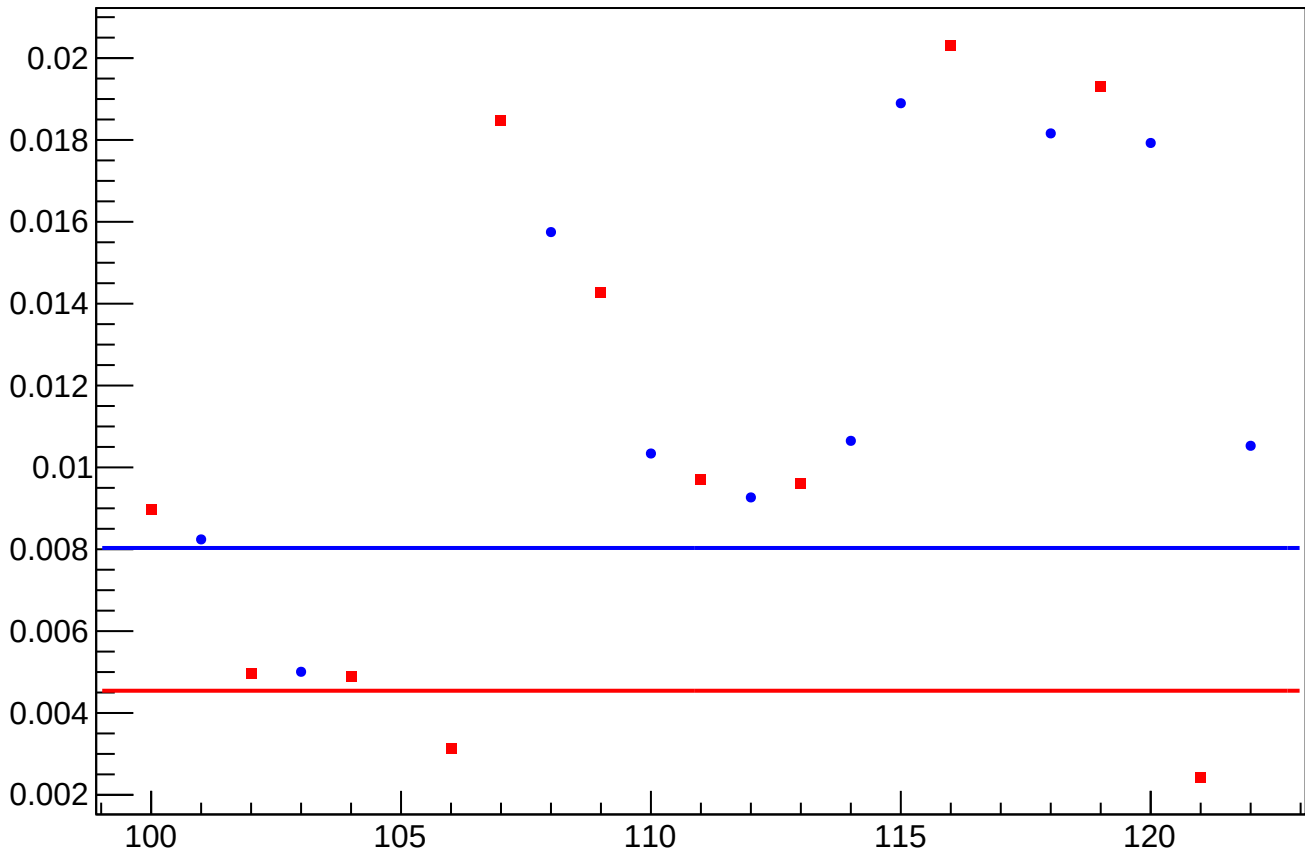
asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

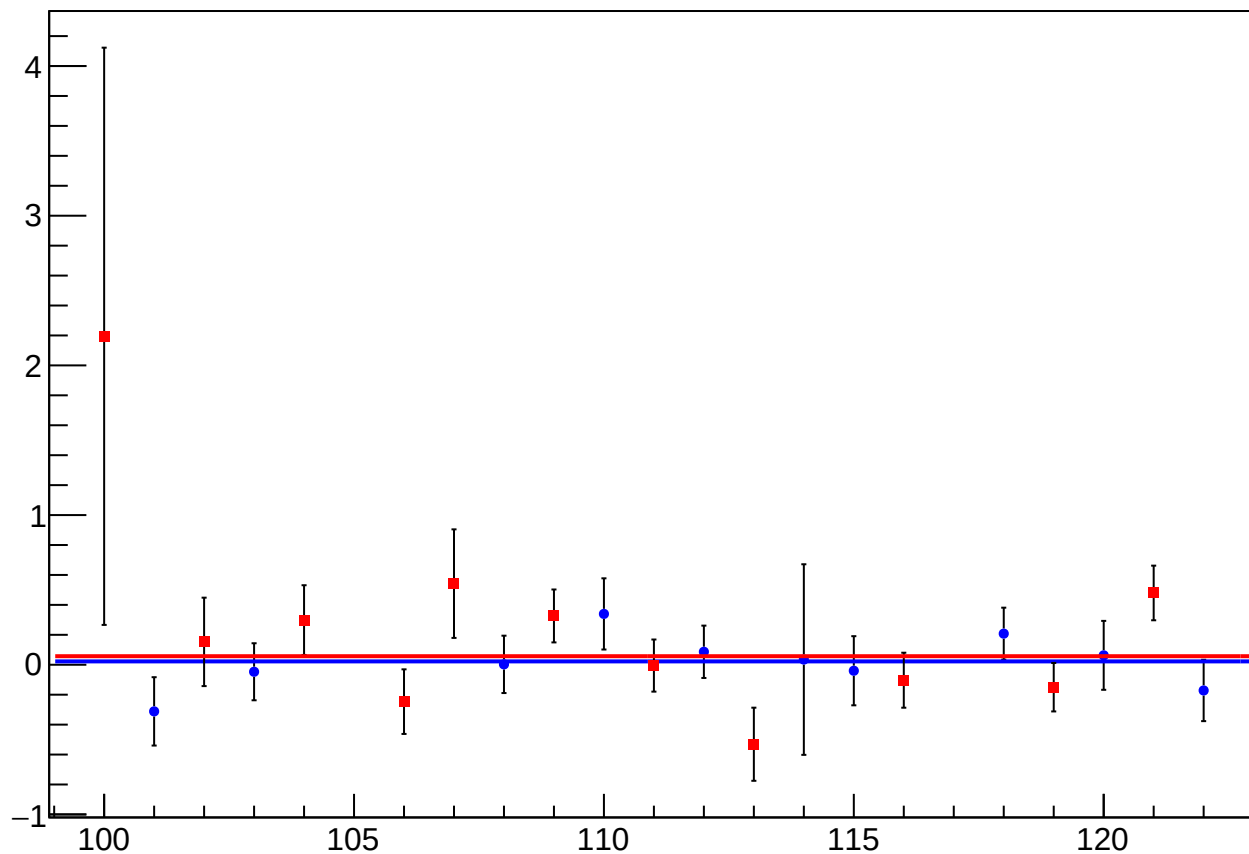
Right: 0.005+/-0.000 χ^2/NDF : 5189561.7/20

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 $\pm$ 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

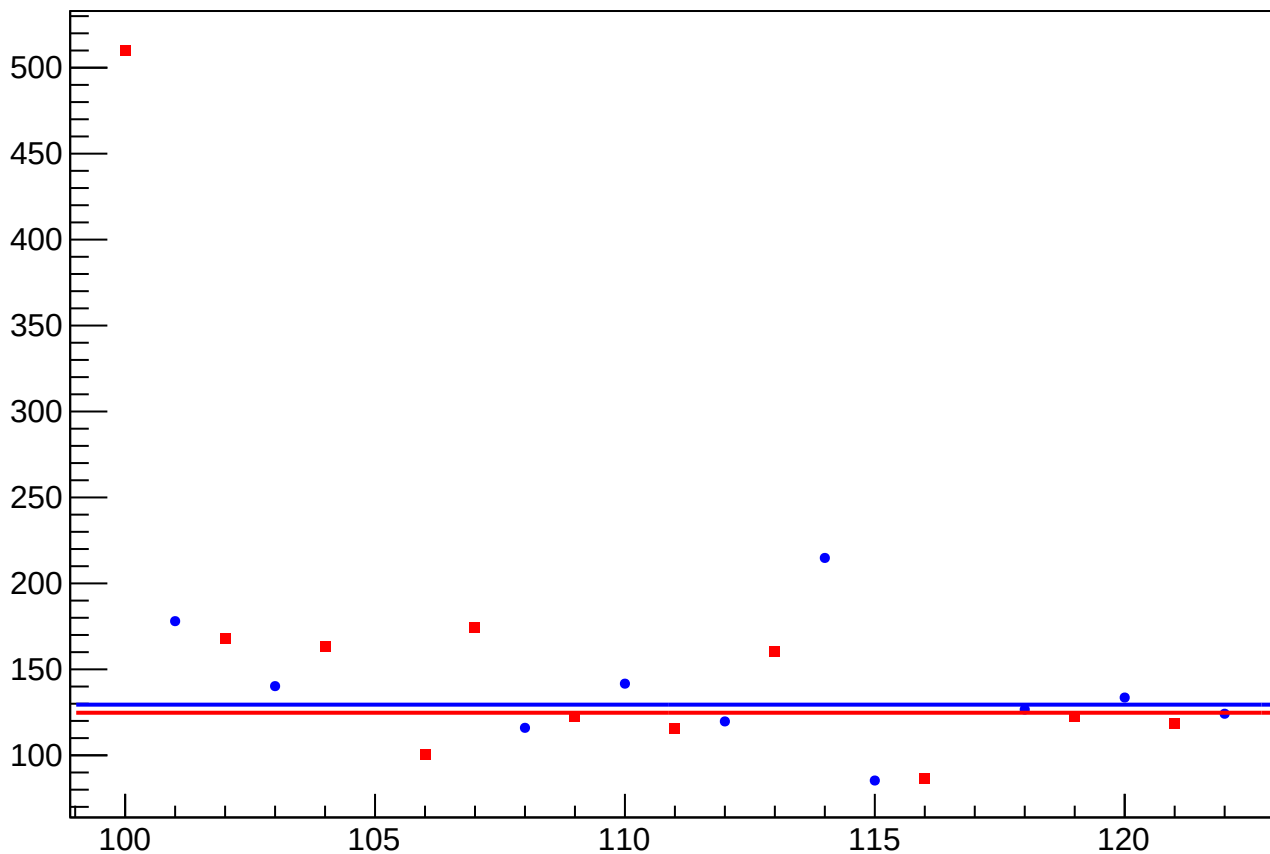
Right: 0.040 $\pm$ 0.047 χ^2 /NDF: 28.7/20

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_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

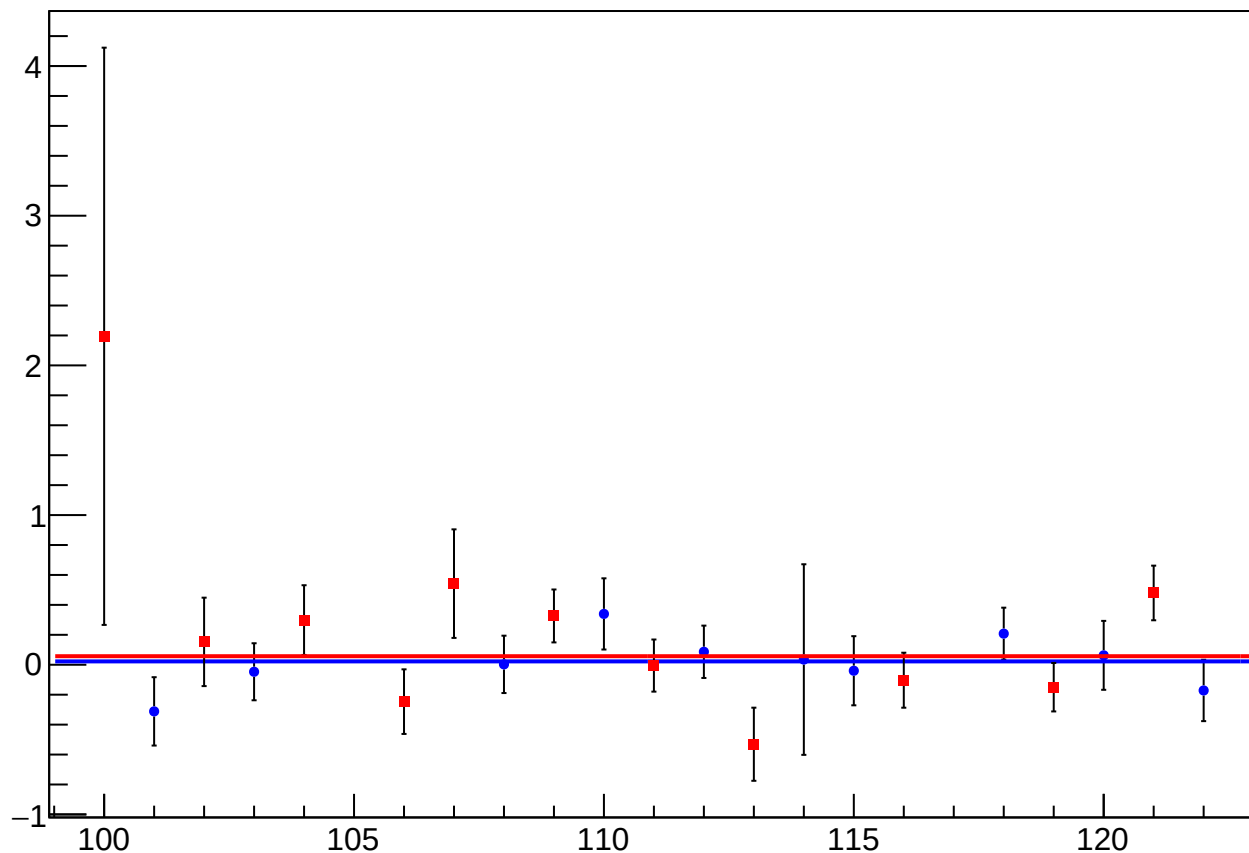
Right: 127.020+/-0.033 χ^2/NDF : 611448.9/20

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+/-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

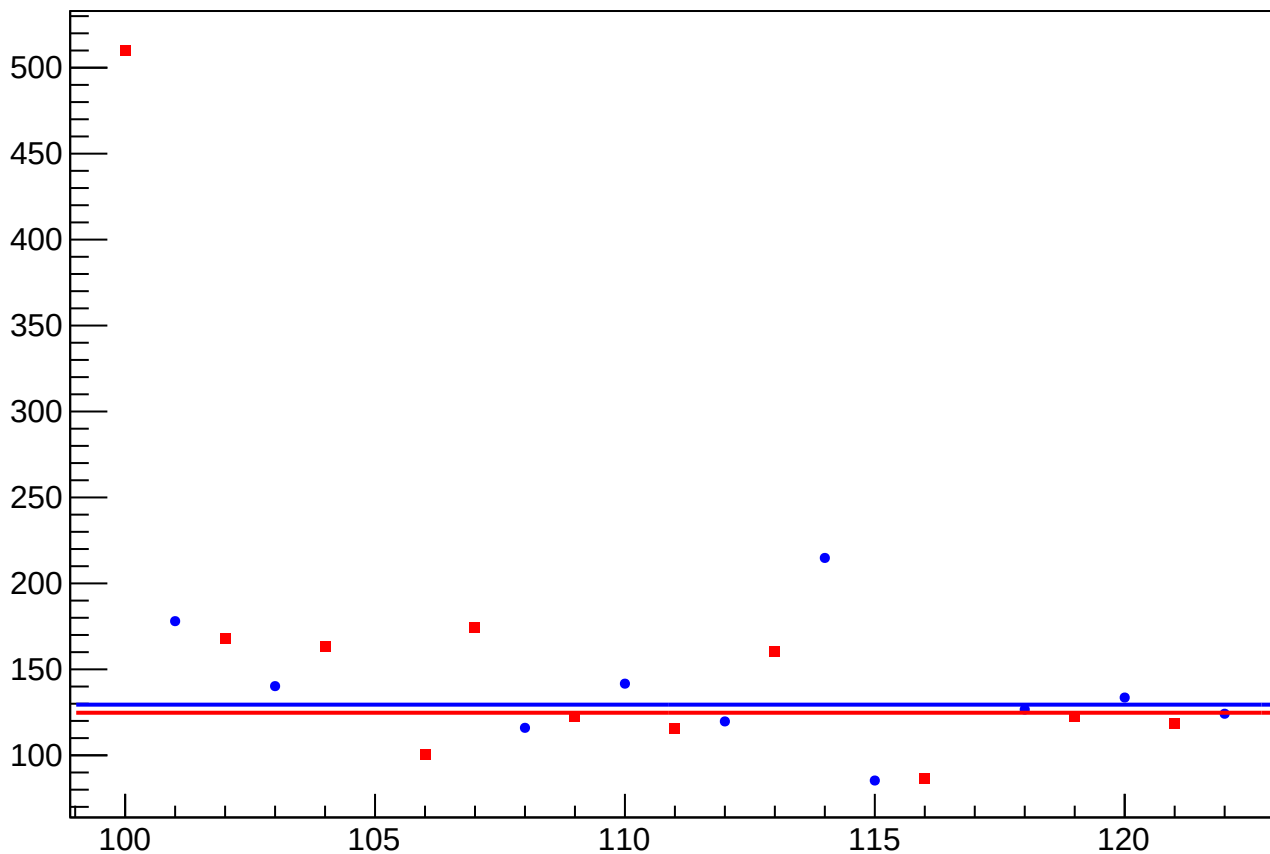
Right: 0.040+/-0.047 χ^2/NDF : 28.7/20

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_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

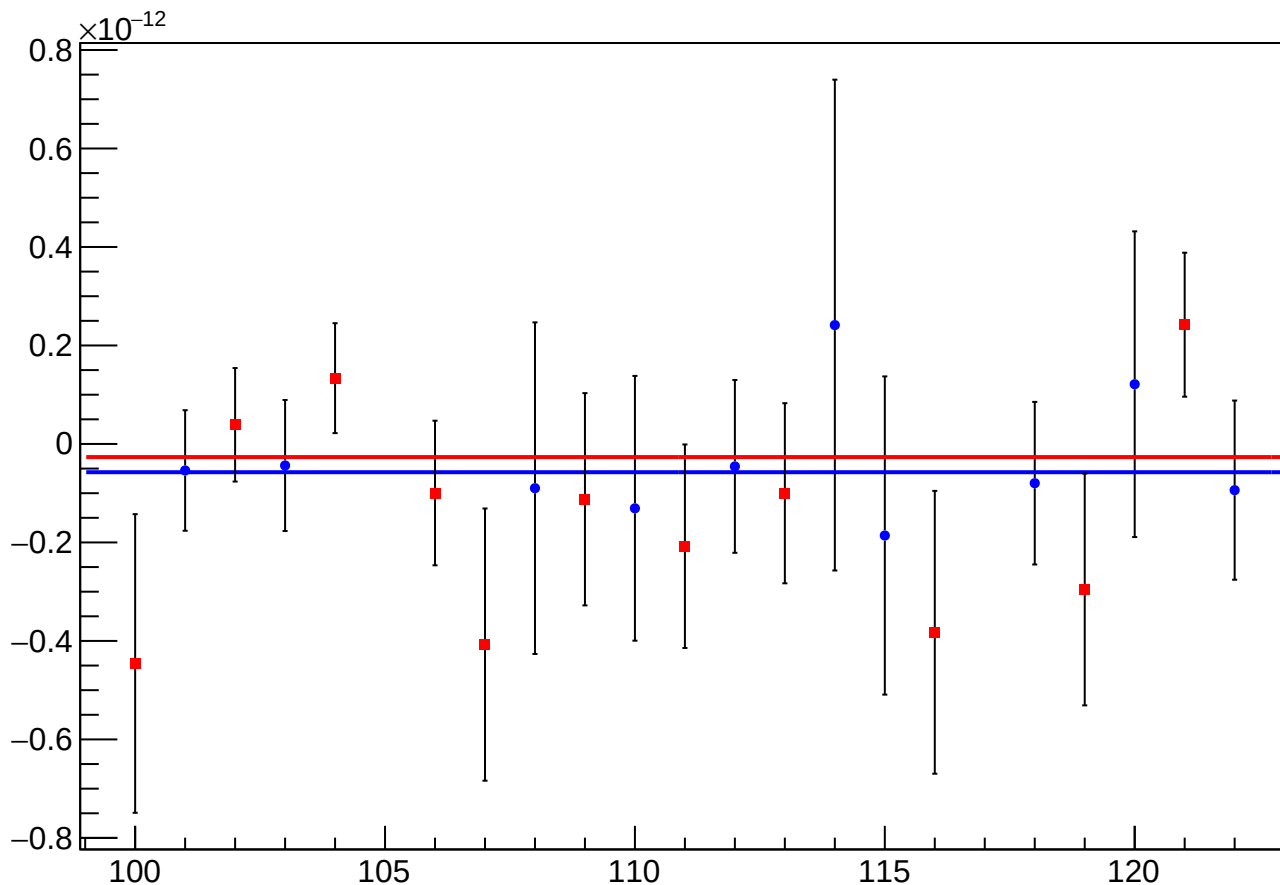
Right: 127.020+/-0.033 χ^2/NDF : 611448.9/20

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

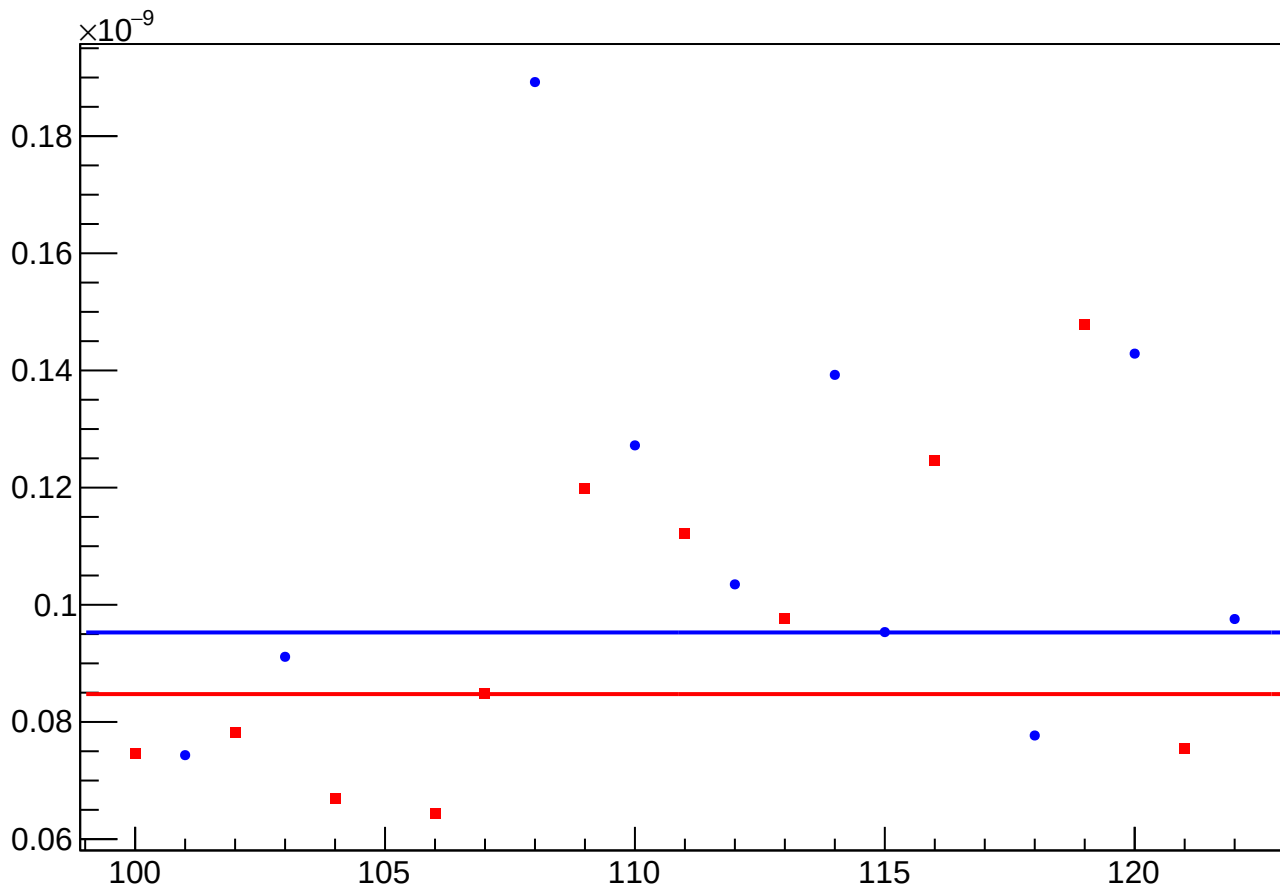
Right: -0.000+/-0.000 χ^2/NDF : 14.9/20

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

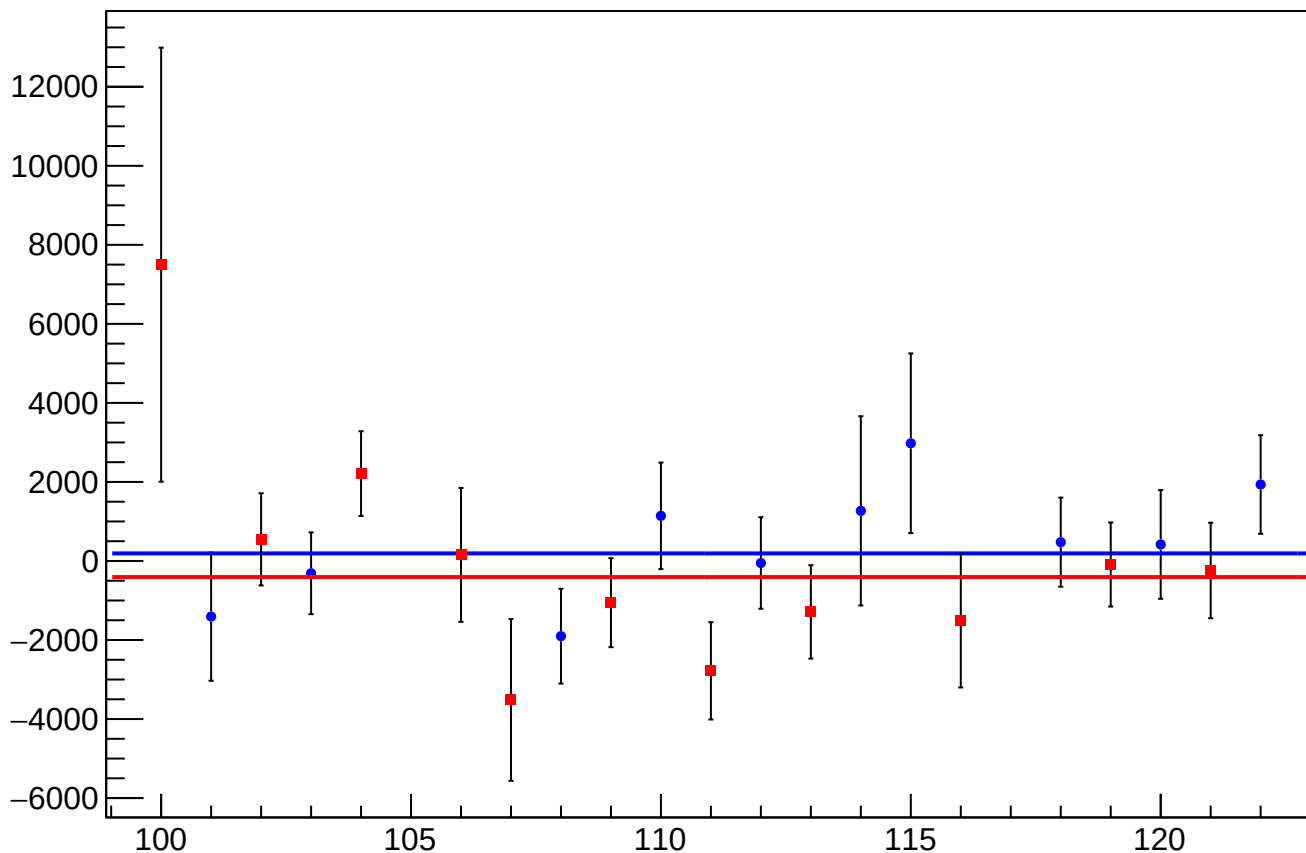
Right: 0.000+/-0.000 χ^2/NDF : 755899.6/20

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

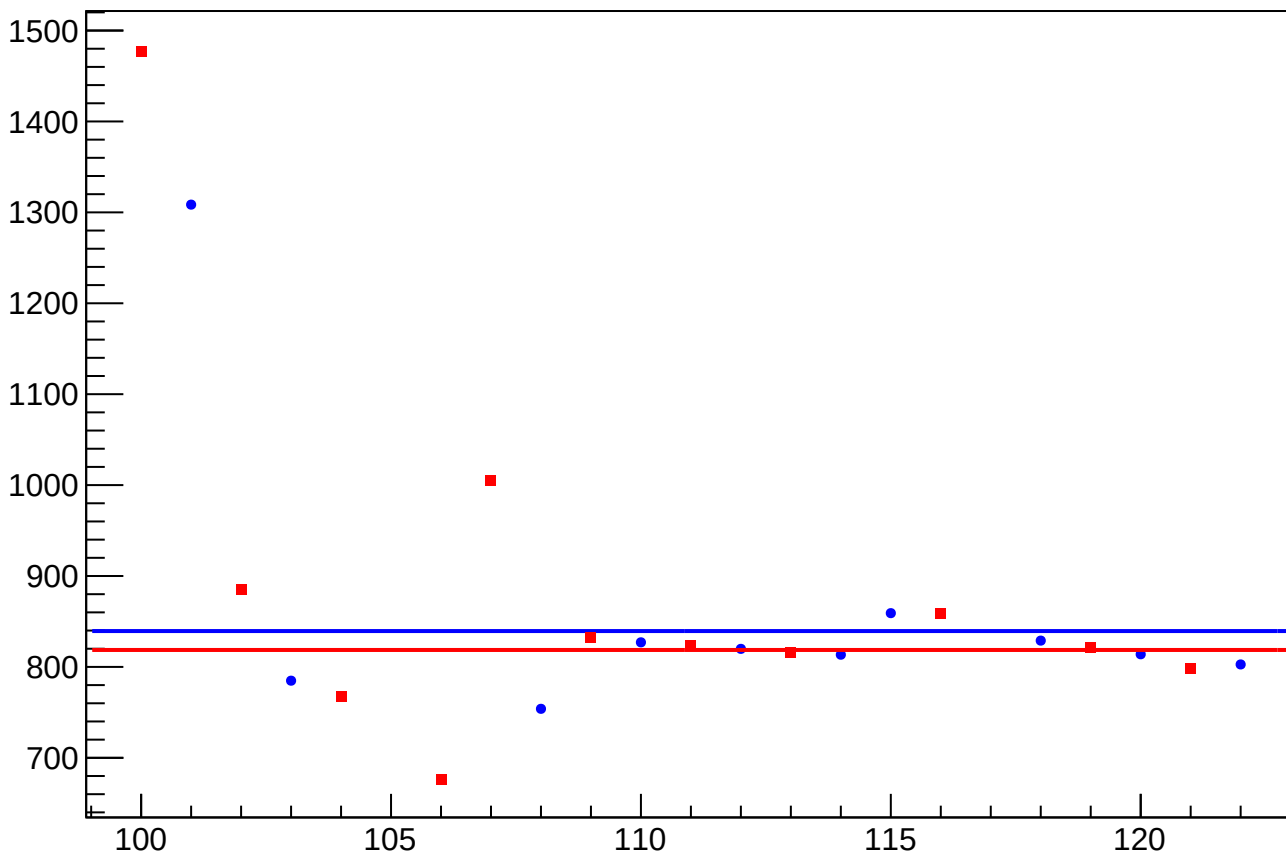
Right: -125.241+/-289.399 χ^2/NDF : 25.9/20

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

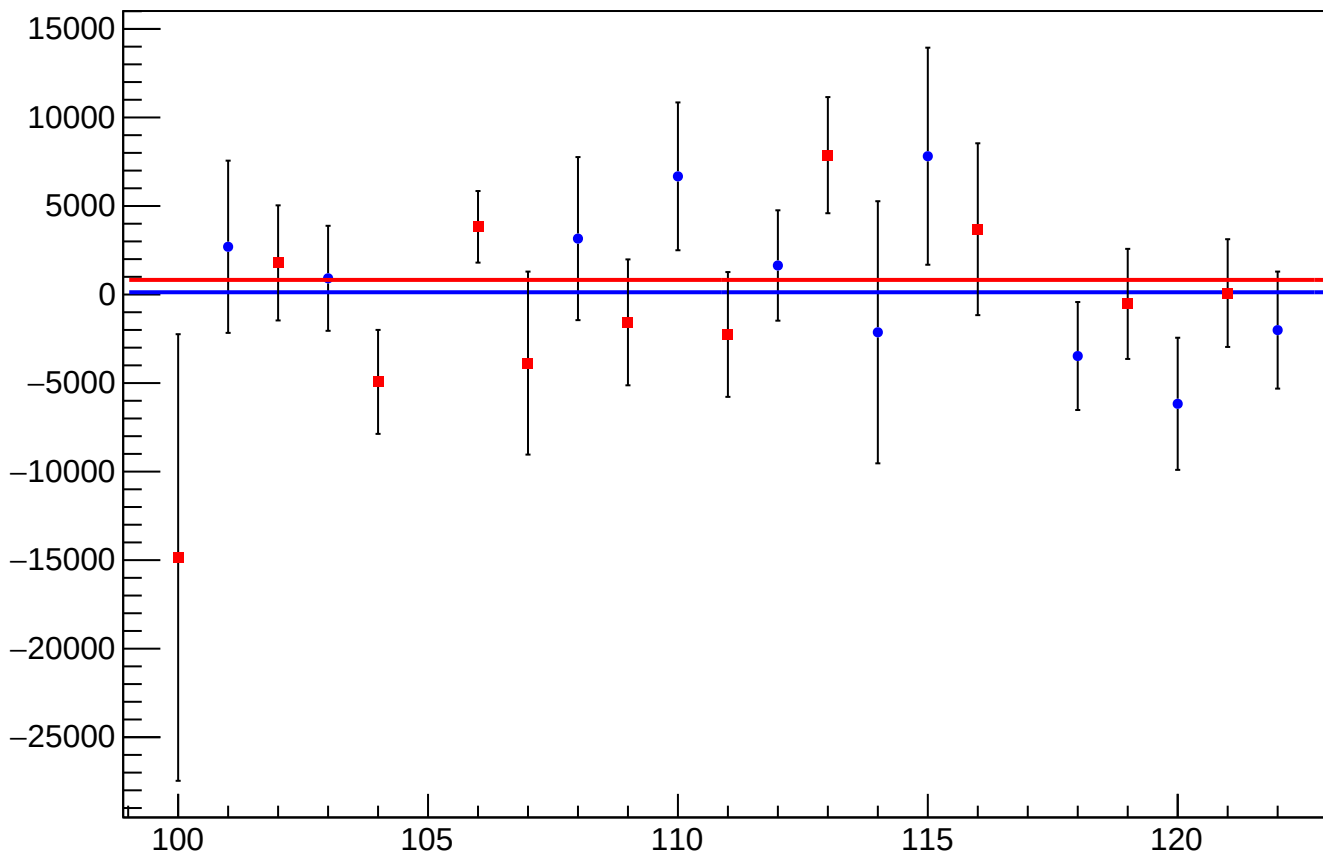
Right: 828.257+/-0.203 χ^2/NDF : 271632.0/20

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

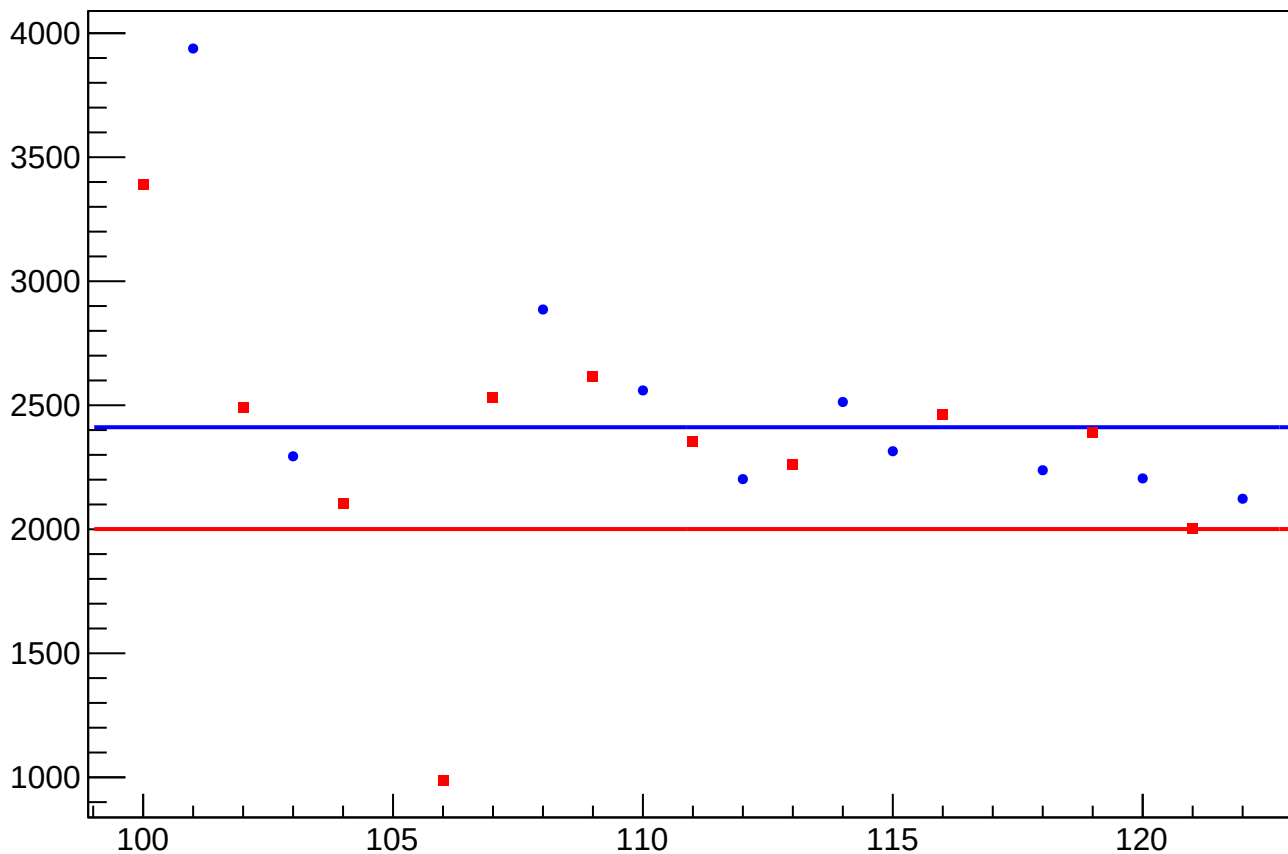
Right: 544.963+/-770.411 χ^2/NDF : 24.9/20

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

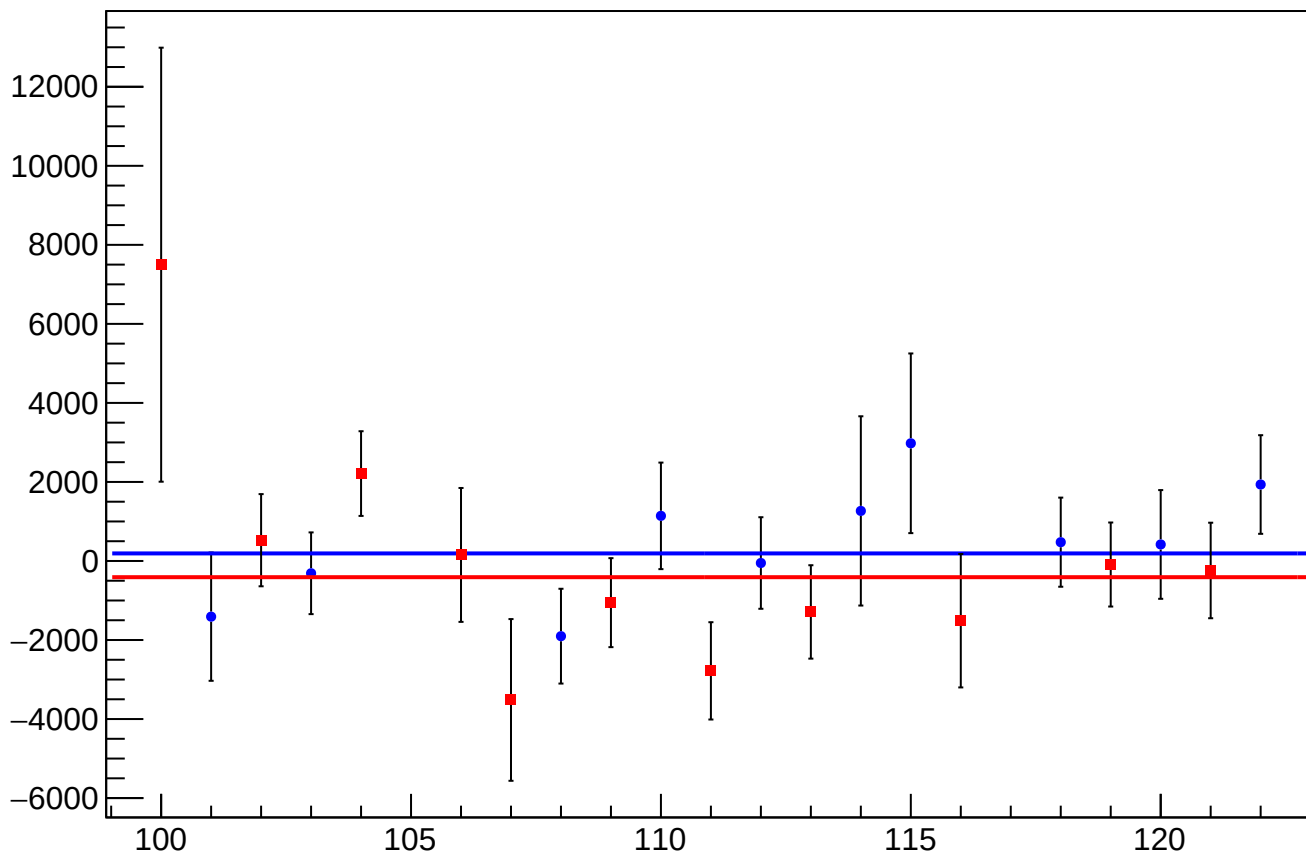
Right: 2166.422+/-0.545 χ^2/NDF : 1136151.0/20

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

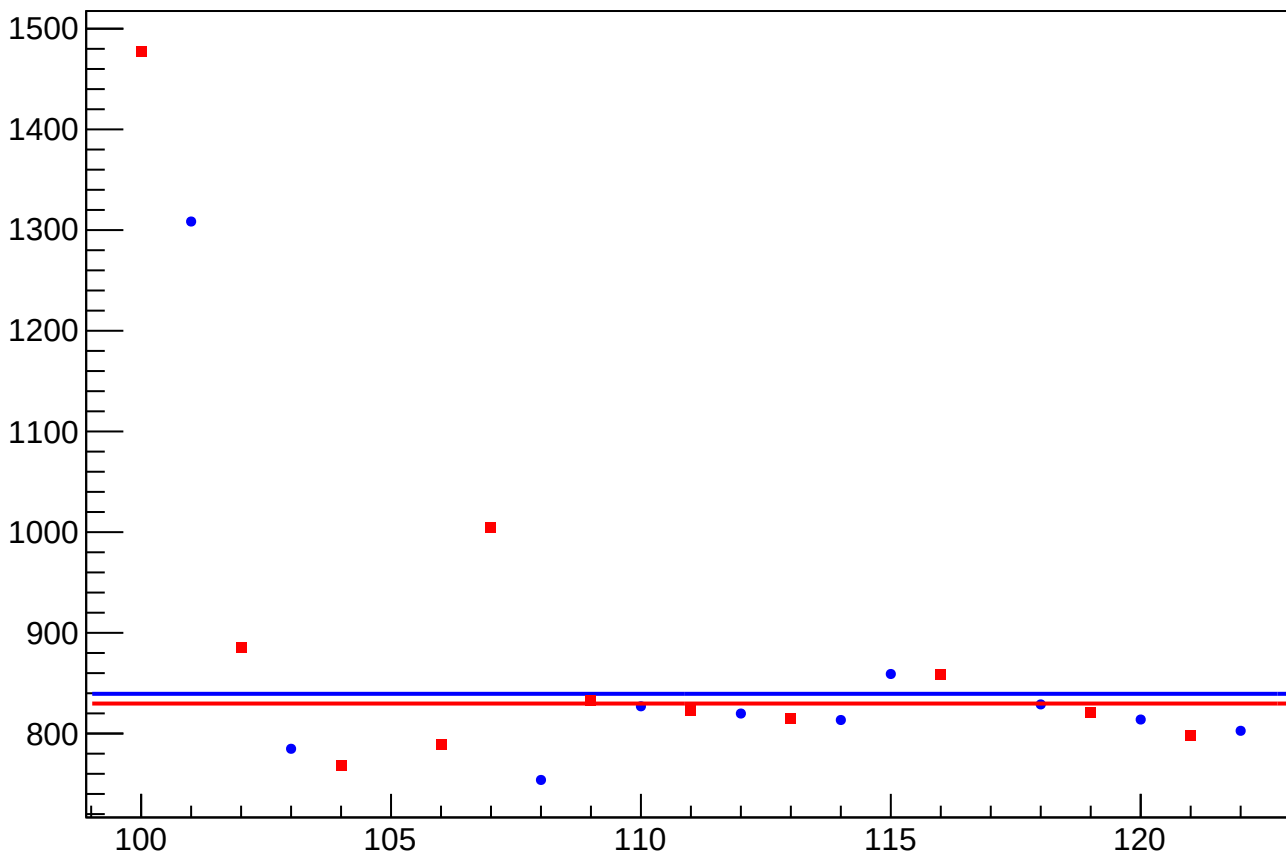
Right: -126.625+/-289.402 χ^2/NDF : 25.9/20

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

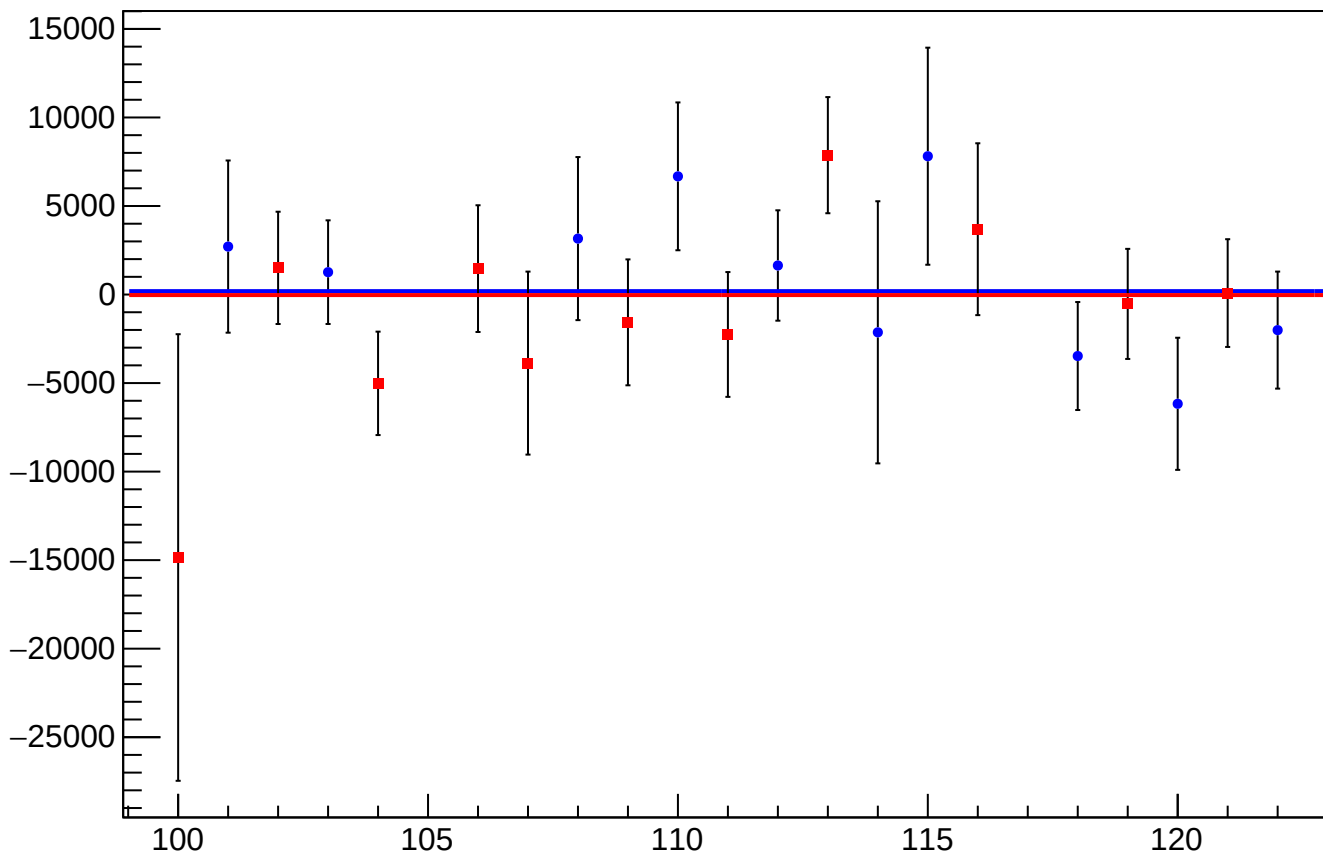
Right: 834.299+/-0.204 χ^2/NDF : 244620.9/20

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

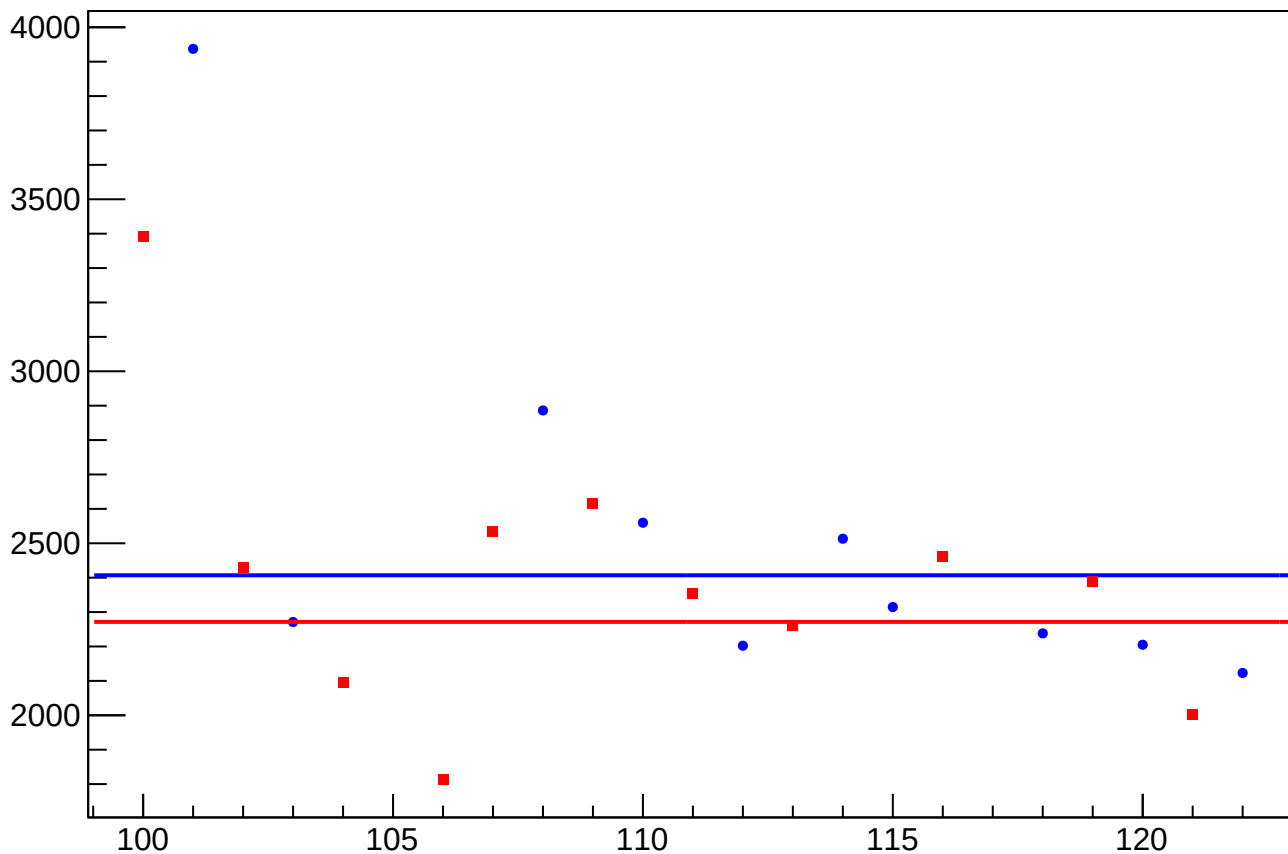
Right: 69.108+/-809.155 χ^2/NDF : 22.2/20

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

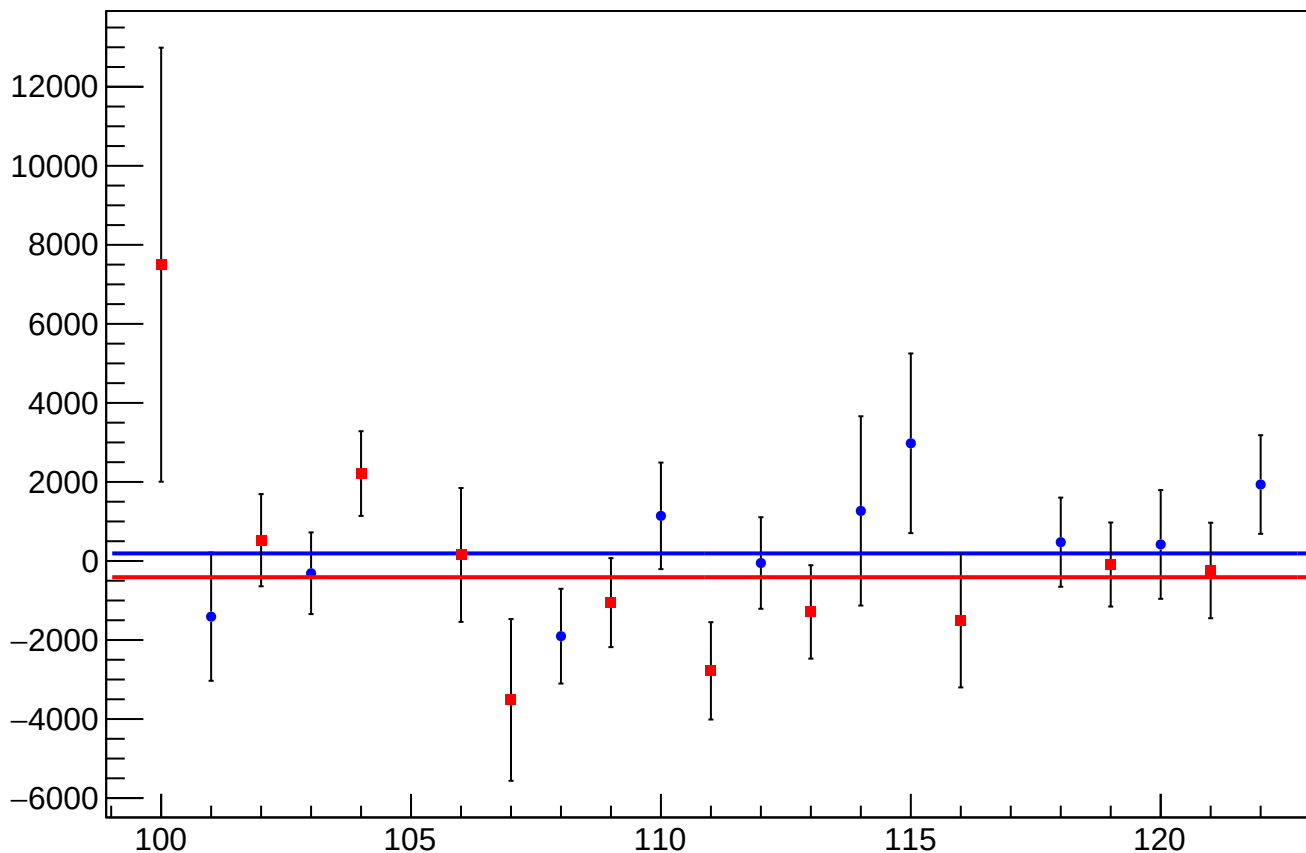
Right: 2332.027+/-0.572 χ^2/NDF : 384625.2/20

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

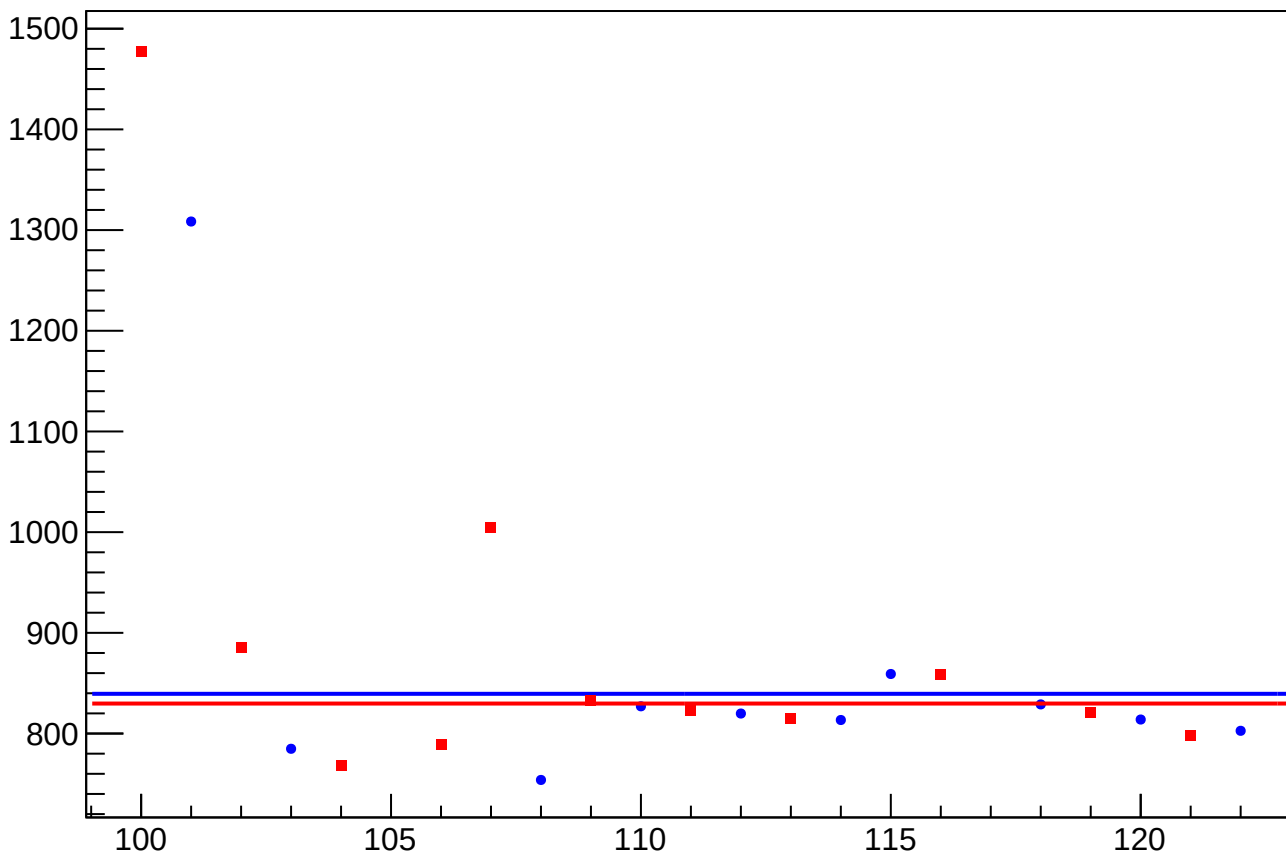
Right: -126.625+/-289.402 χ^2/NDF : 25.9/20

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

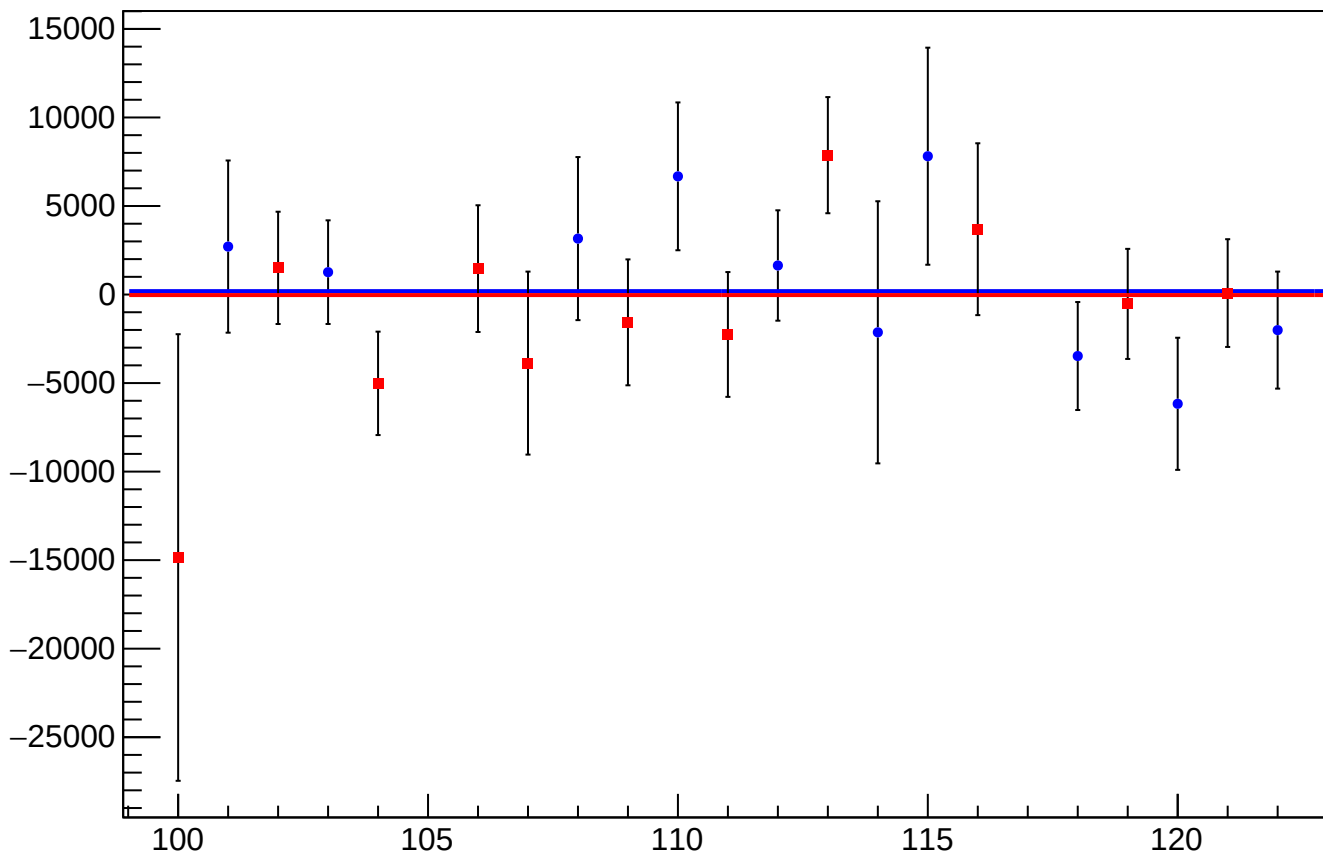
Right: 834.299+/-0.204 χ^2/NDF : 244620.9/20

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

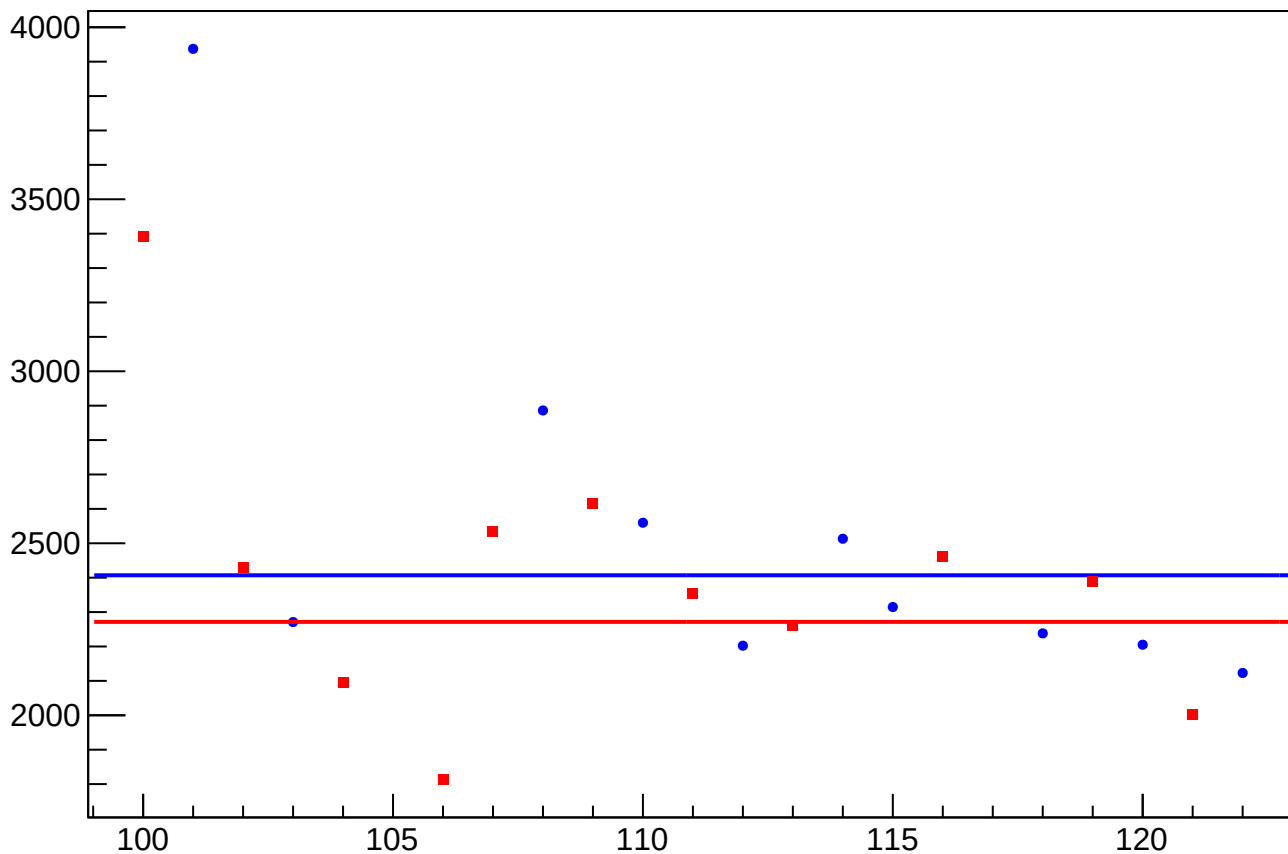
Right: 69.108+/-809.155 χ^2/NDF : 22.2/20

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

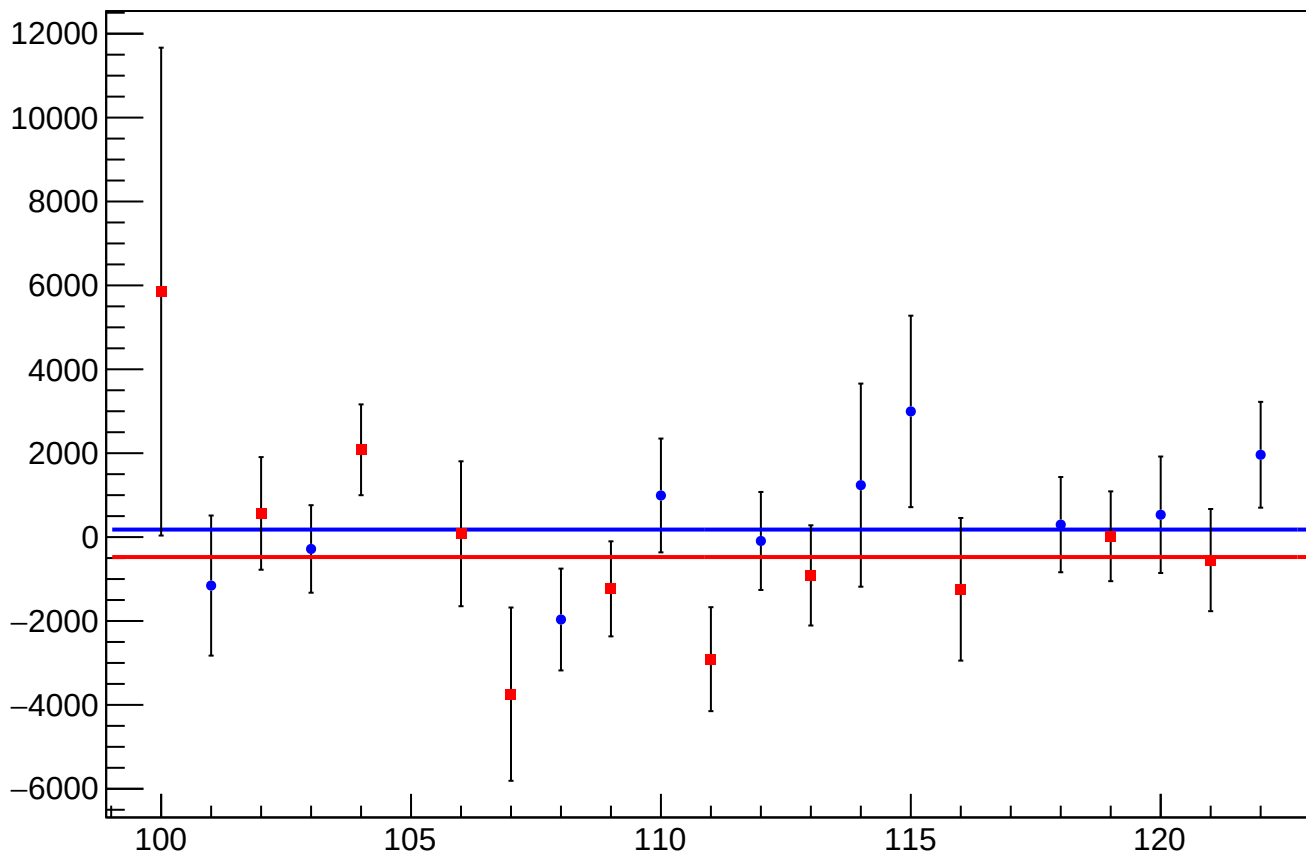
Right: 2332.027+/-0.572 χ^2/NDF : 384625.2/20

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

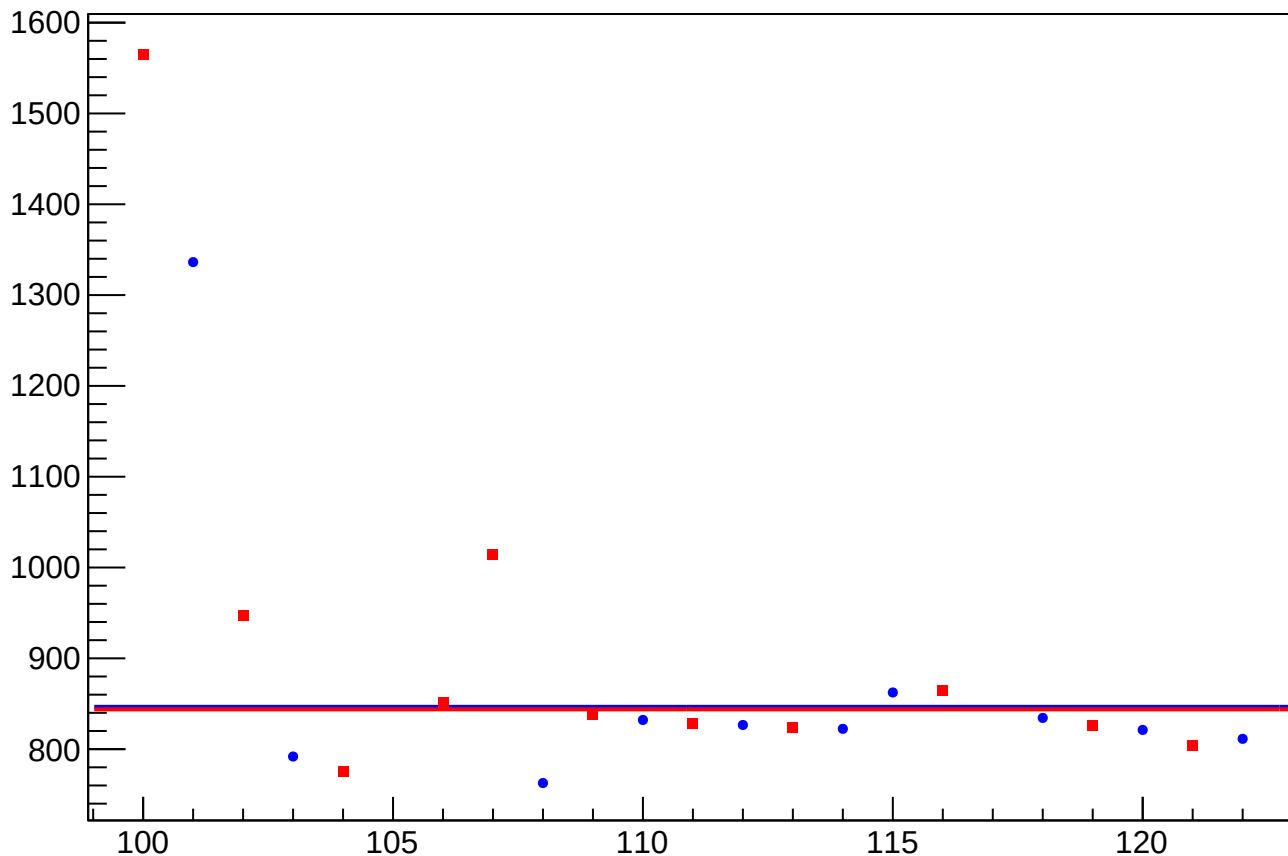
Right: -162.569+/-294.234 χ^2/NDF : 24.2/20

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

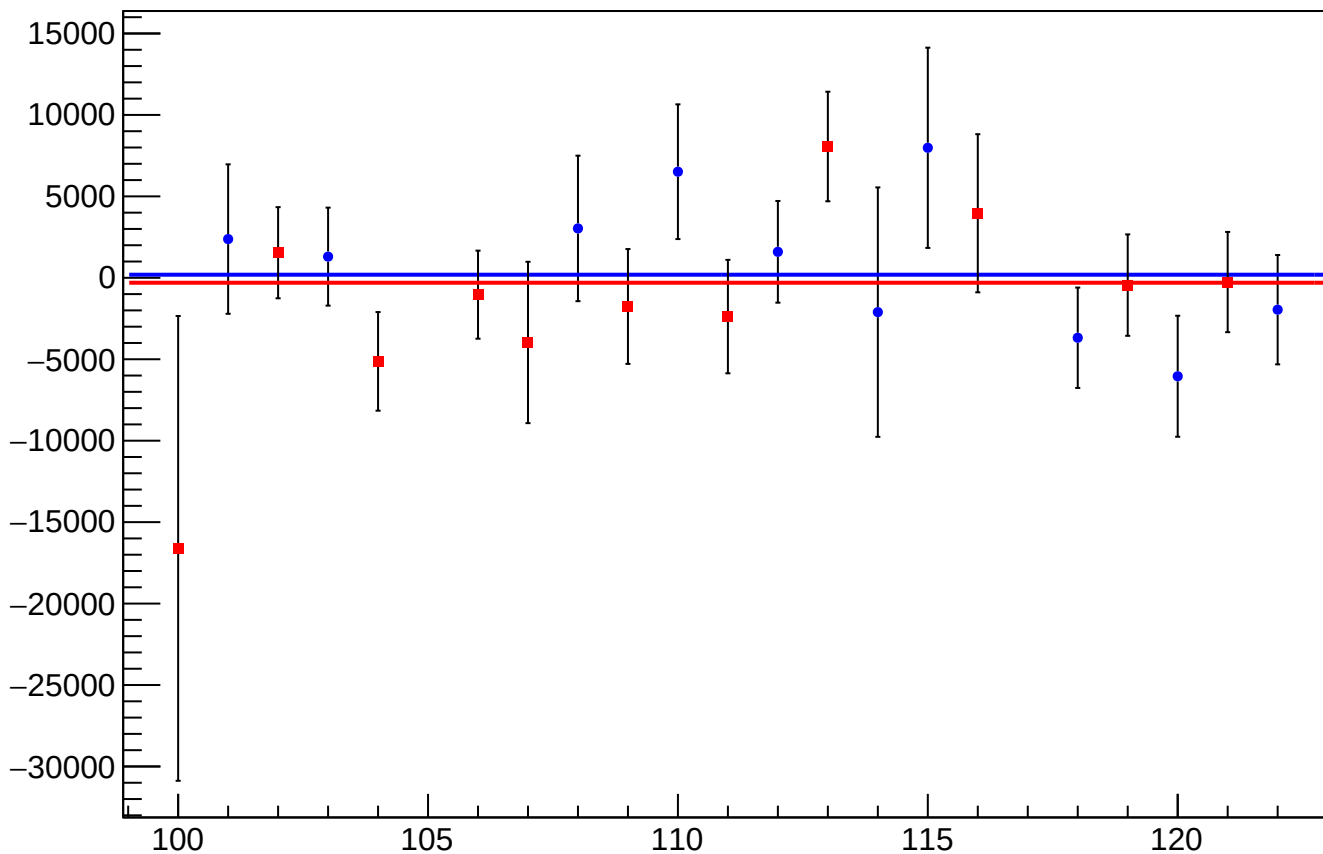
Right: 845.152+/-0.208 χ^2/NDF : 258880.9/20

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

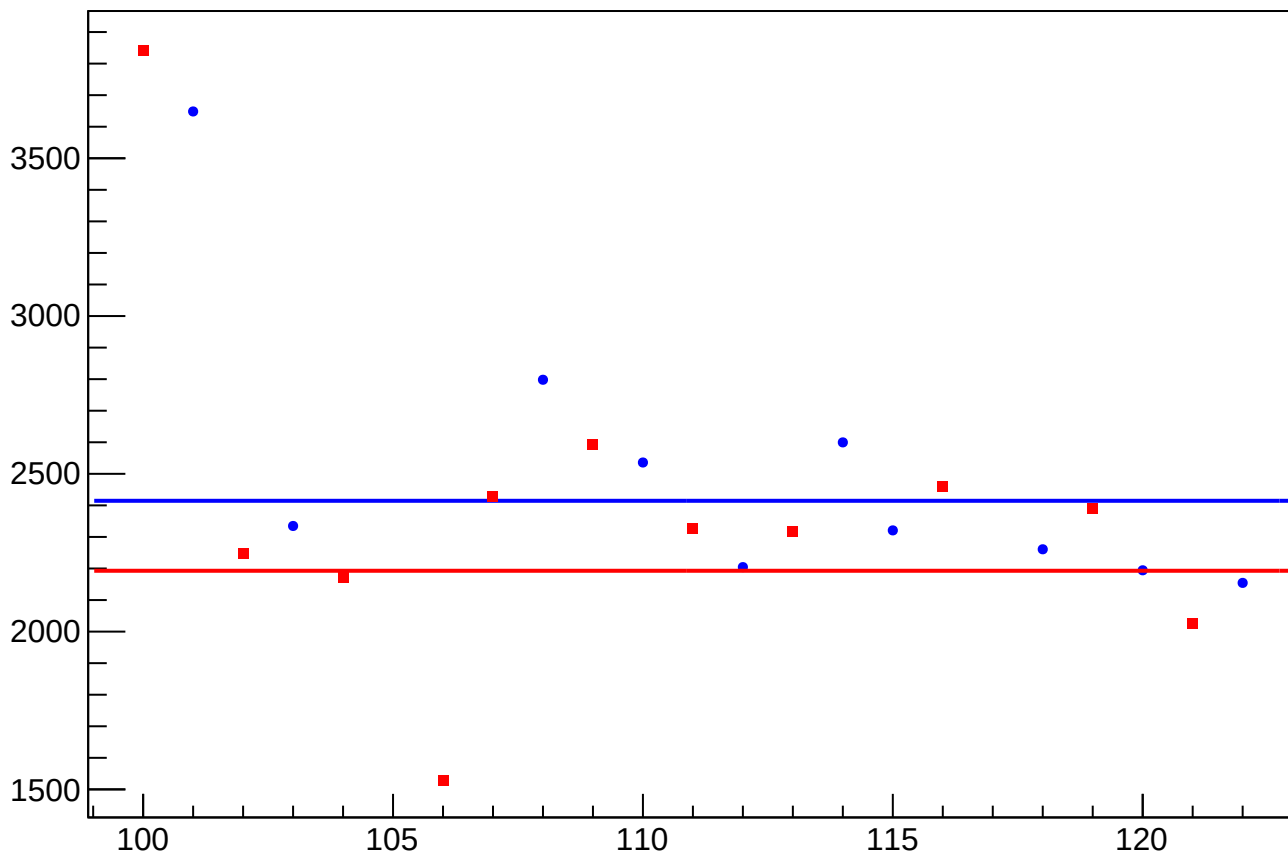
Right: -93.299+/-790.255 χ^2/NDF : 22.3/20

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

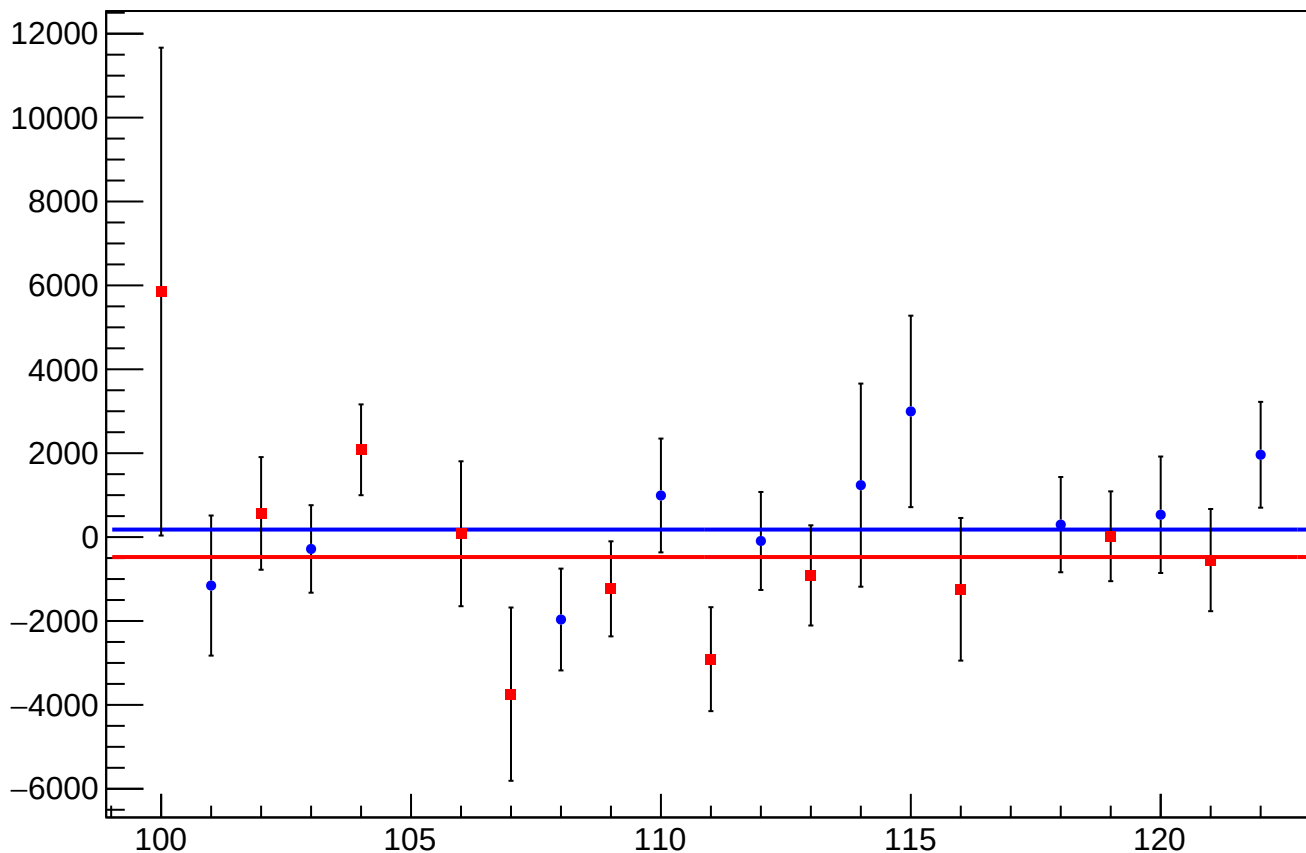
Right: 2286.869+/-0.559 χ^2/NDF : 439977.5/20

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

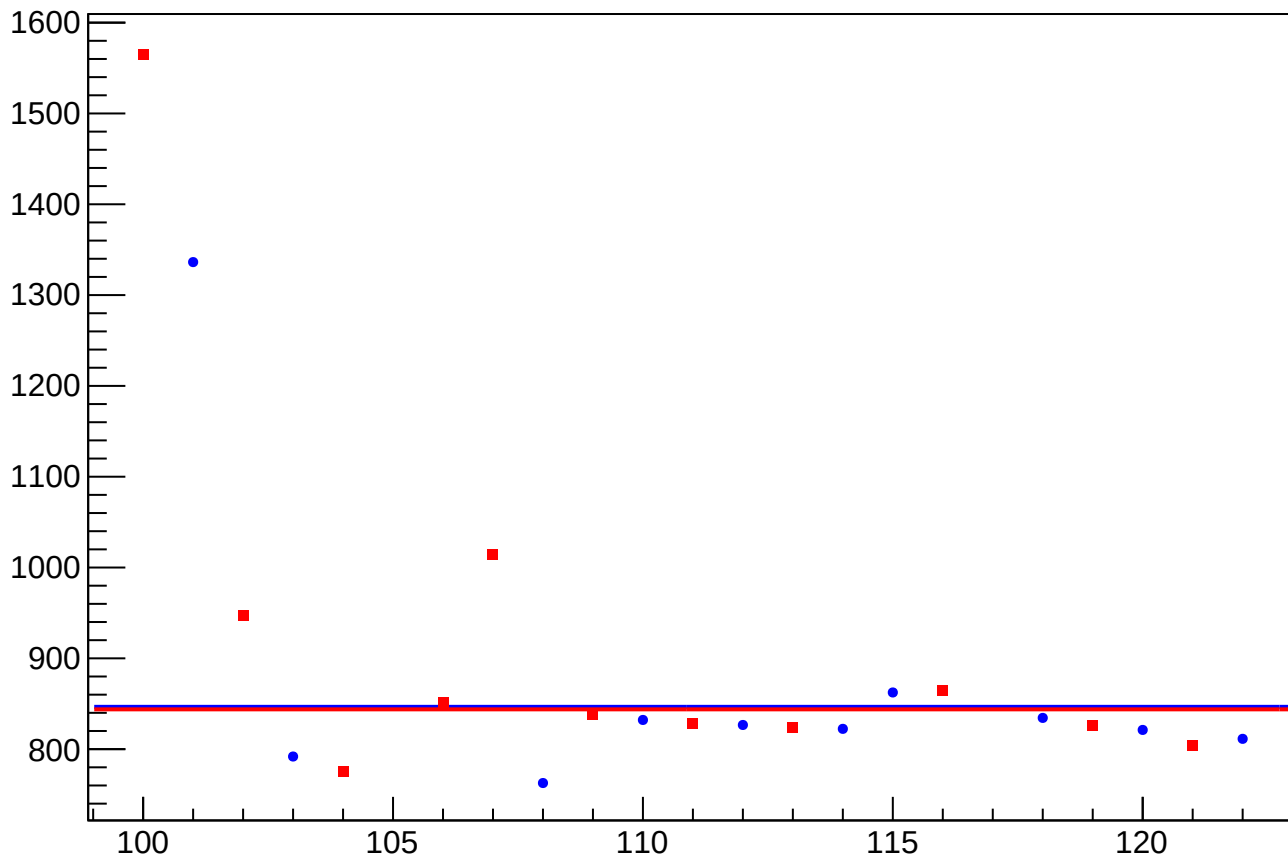
Right: -162.574+/-294.234 χ^2/NDF : 24.2/20

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+/-0.301 χ^2/NDF : 190629.2/9

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

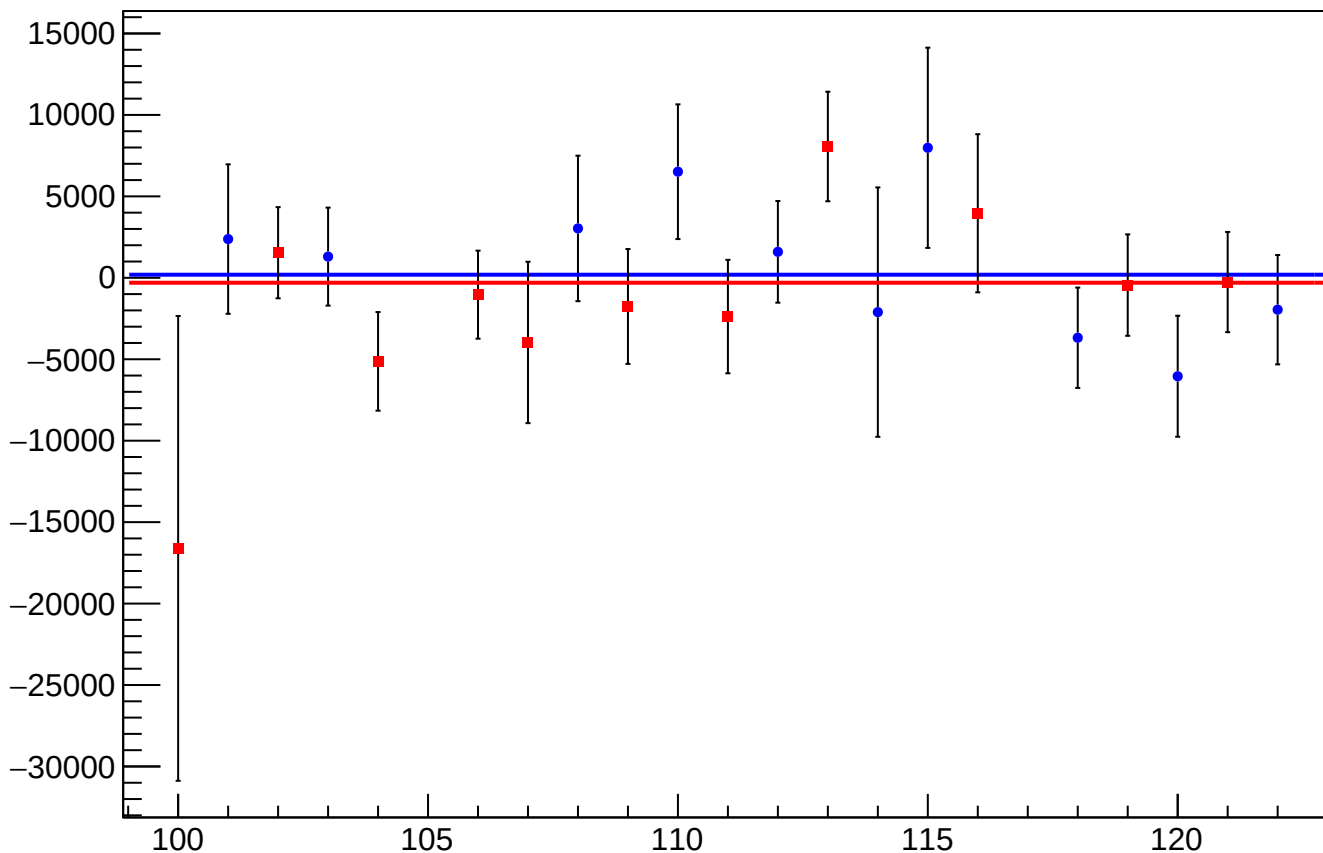
Right: 845.152+/-0.208 χ^2/NDF : 258880.3/20

In: 846.598+/-0.301 χ^2/NDF : 190629.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 845.152+/-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

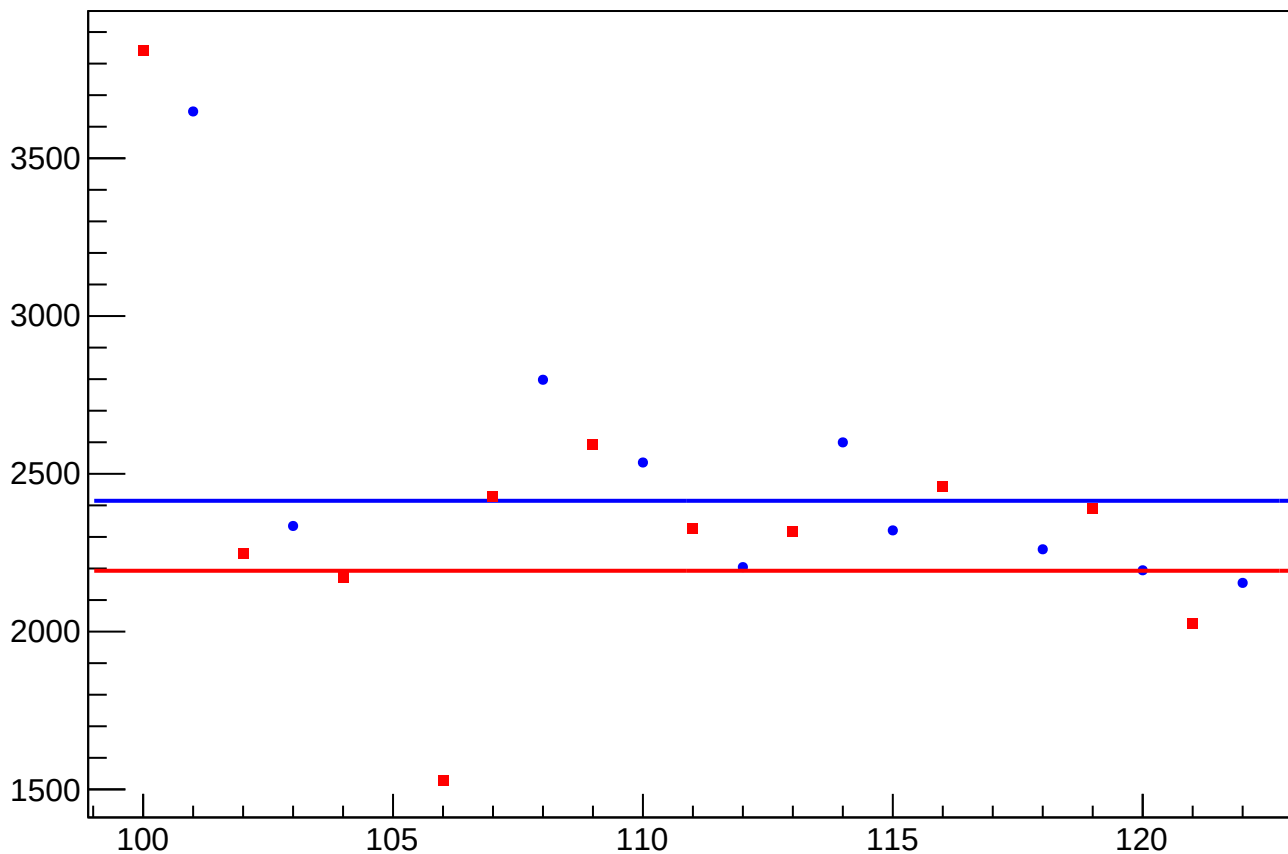
Right: -93.301+/-790.253 χ^2/NDF : 22.3/20

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

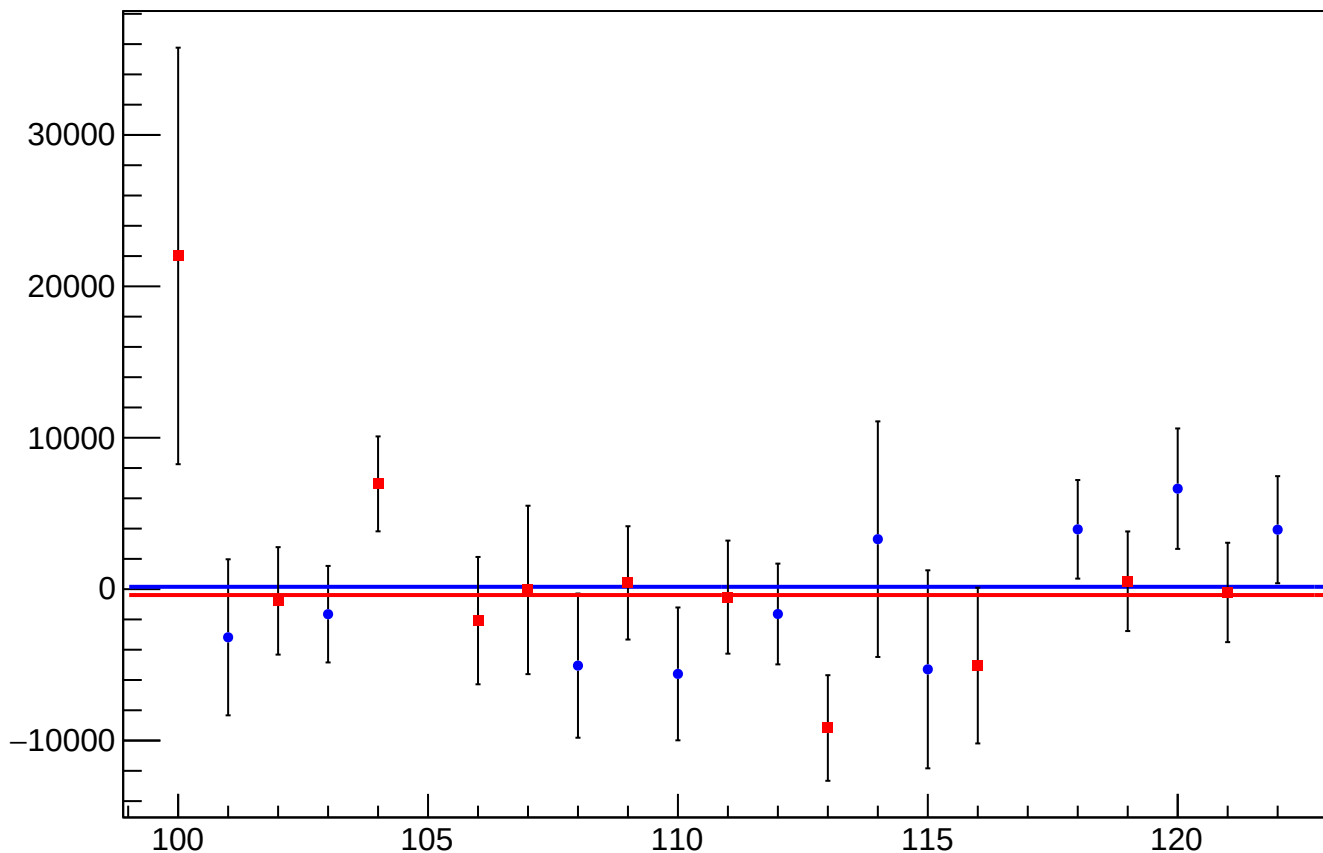
Right: 2286.861+/-0.559 χ^2/NDF : 439979.8/20

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

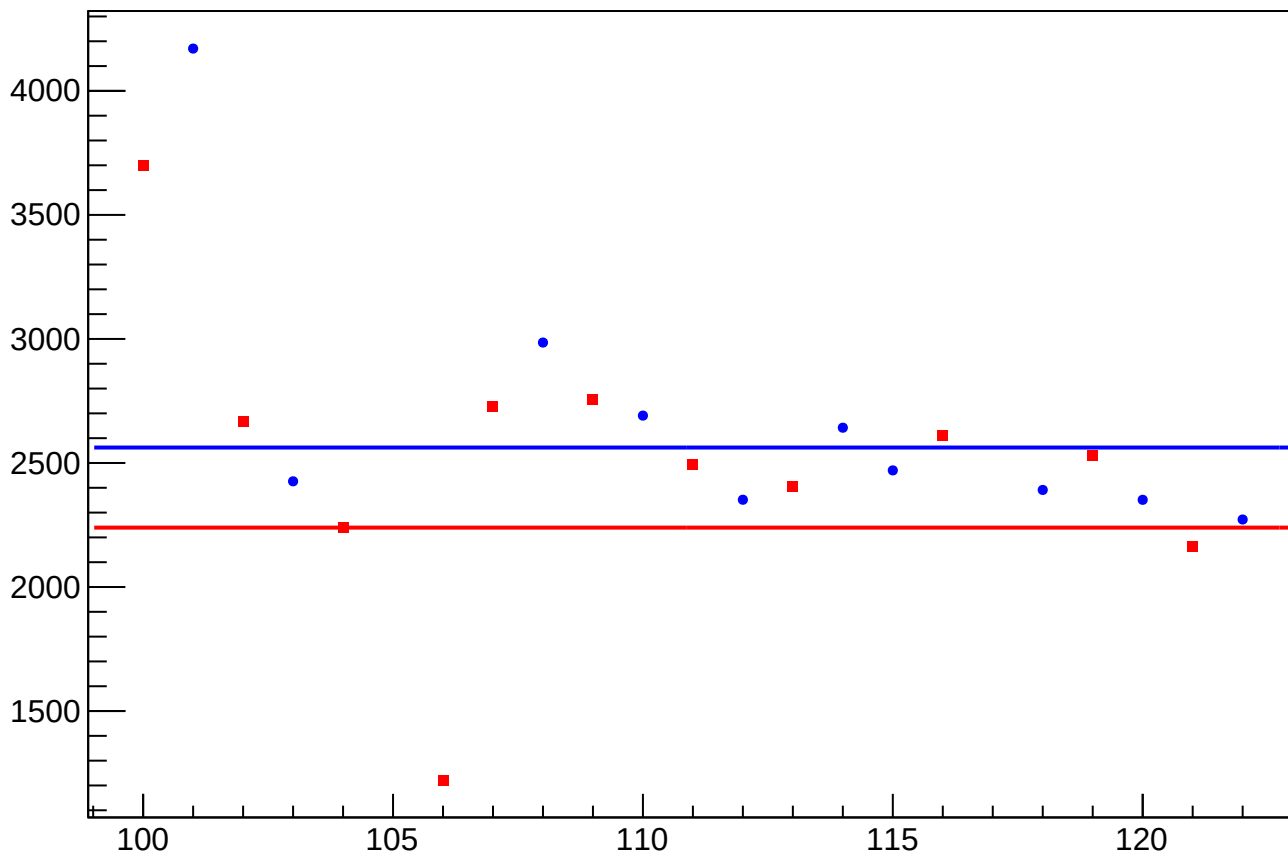
Right: -142.539+/-869.237 χ^2/NDF : 25.7/20

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

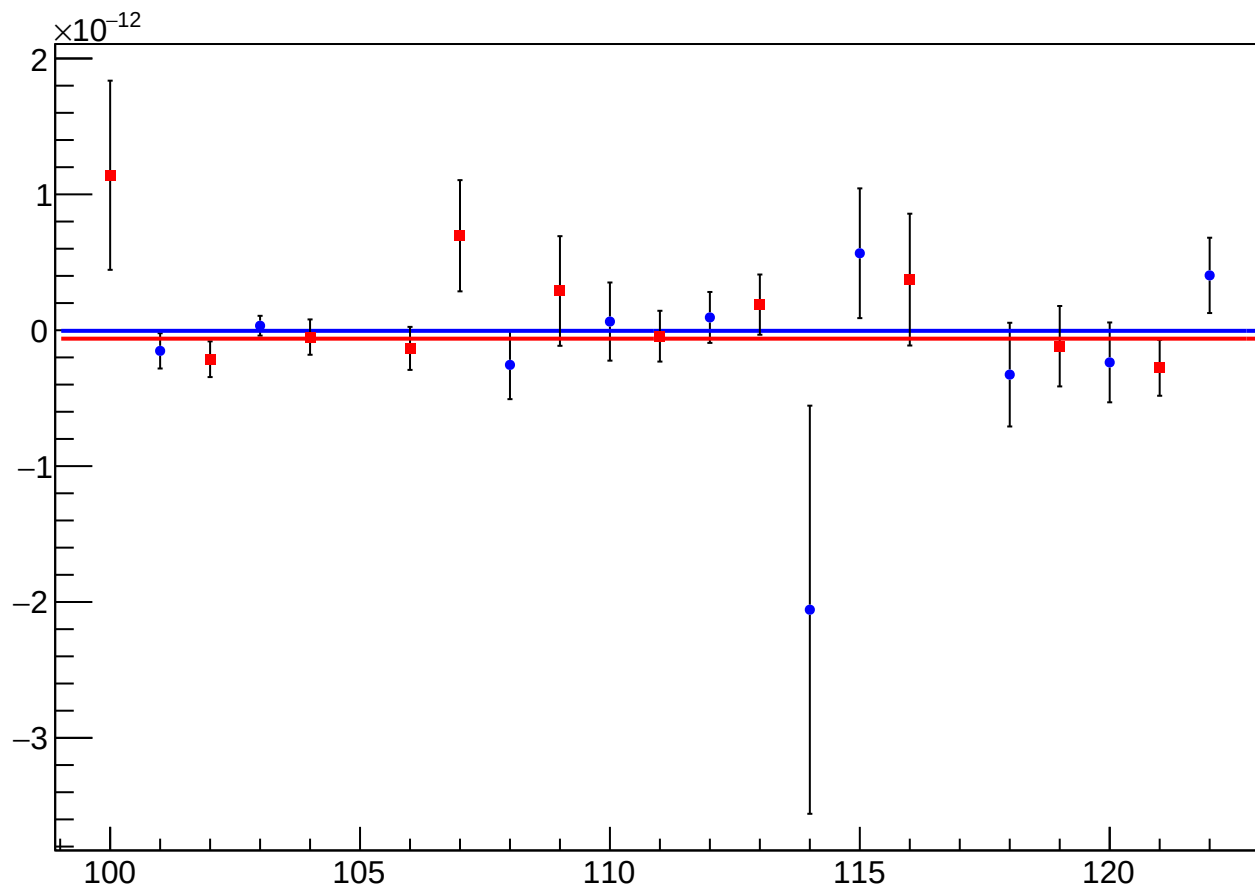
Right: 2375.424+/-0.593 χ^2/NDF : 793792.4/20

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

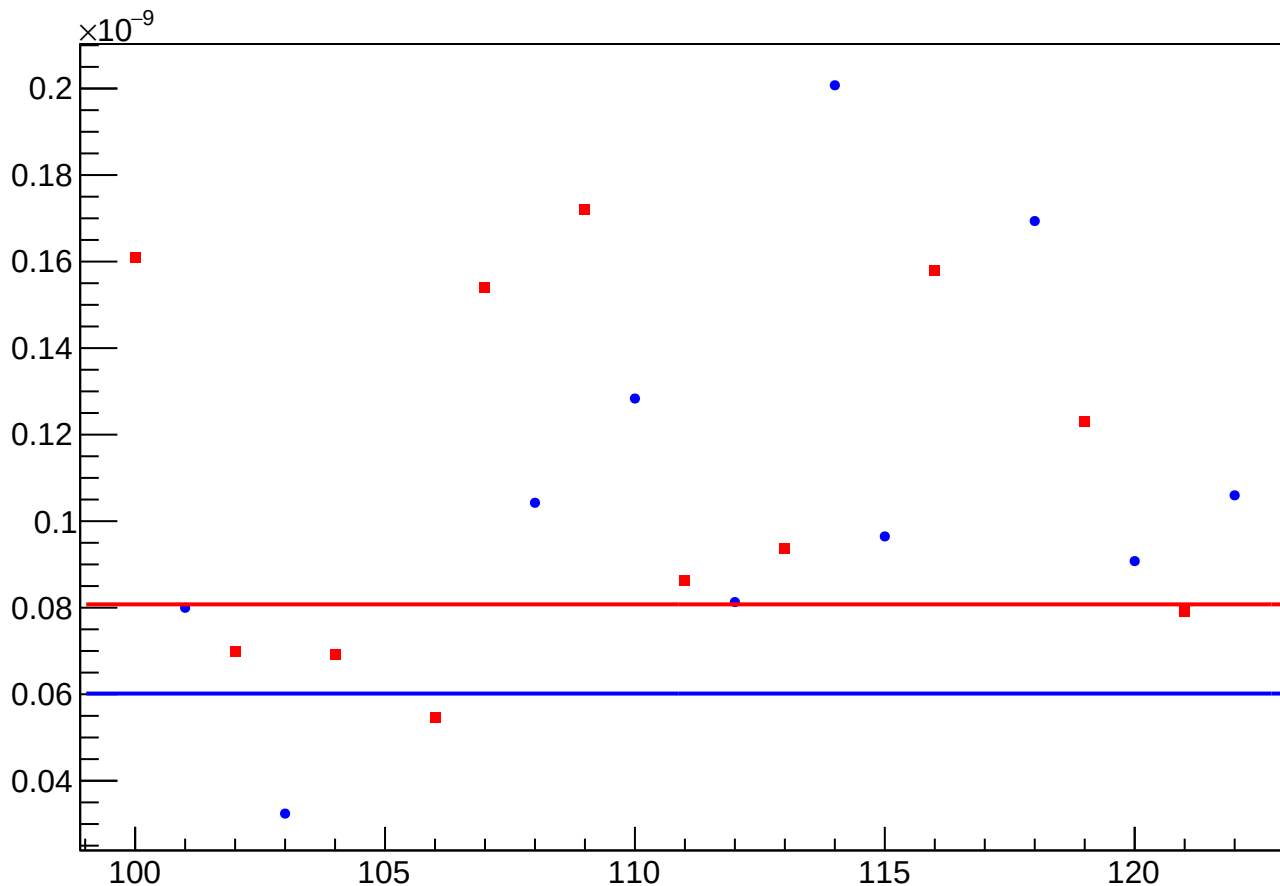
Right: -0.000+/-0.000 χ^2 /NDF: 22.1/20

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

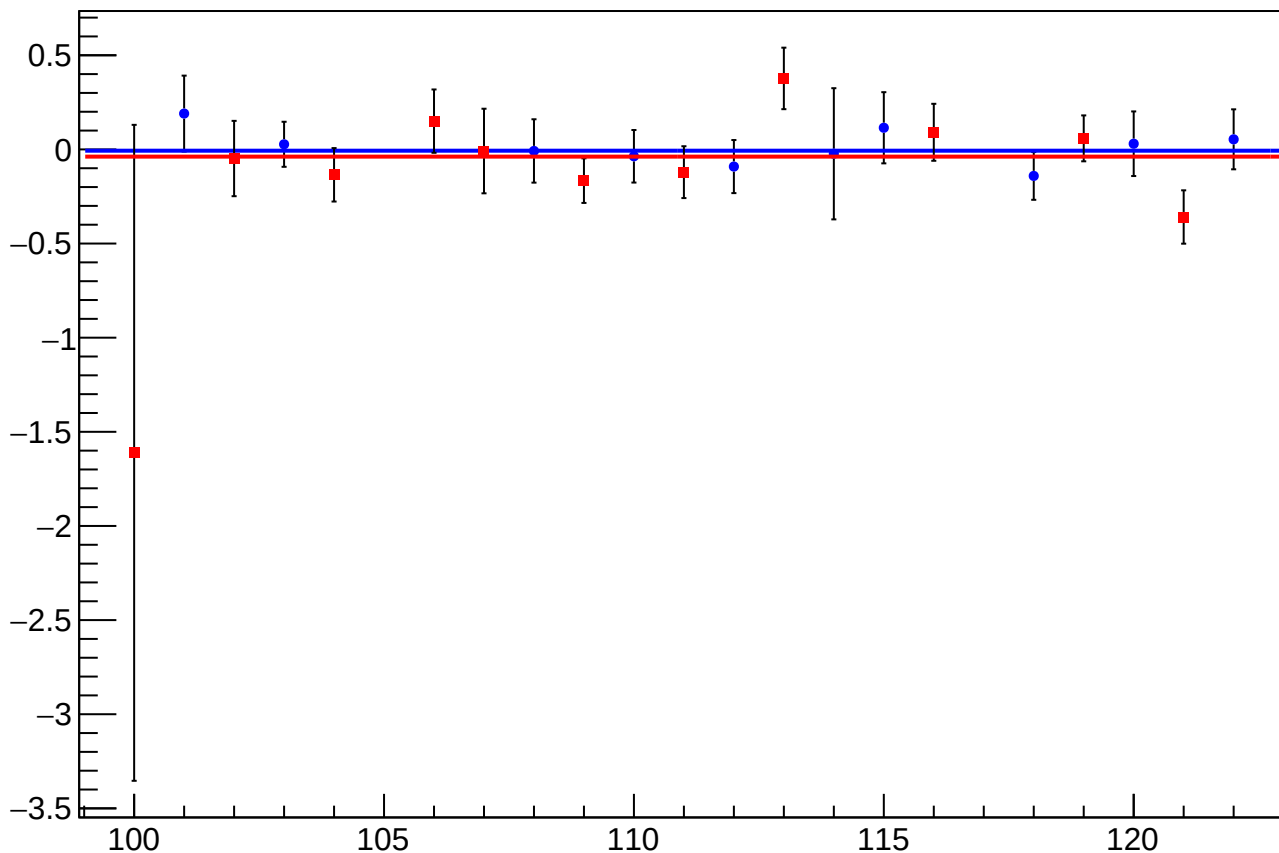
Right: 0.000+/-0.000 χ^2/NDF : 1307177.2/20

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

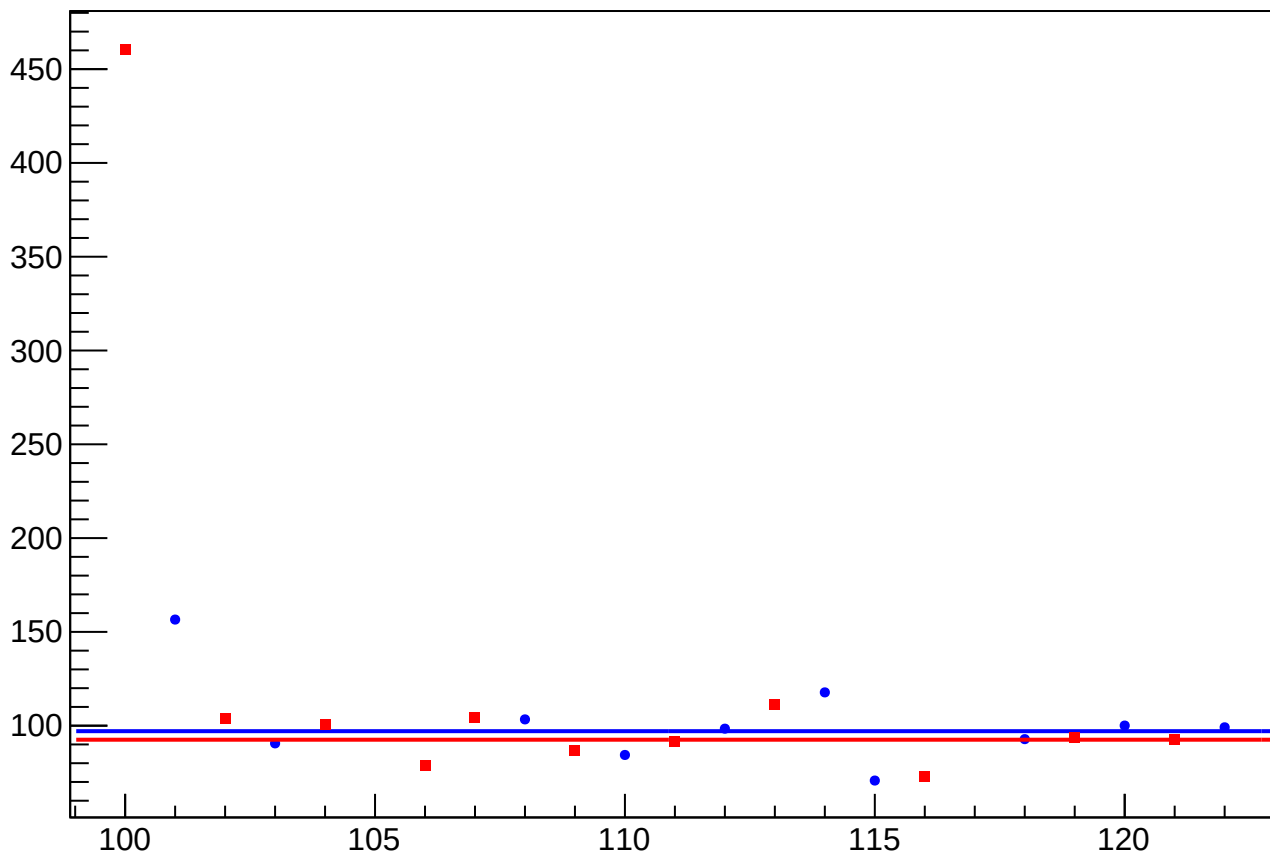
Right: -0.024 ± 0.034 χ^2/NDF : 20.4/20

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

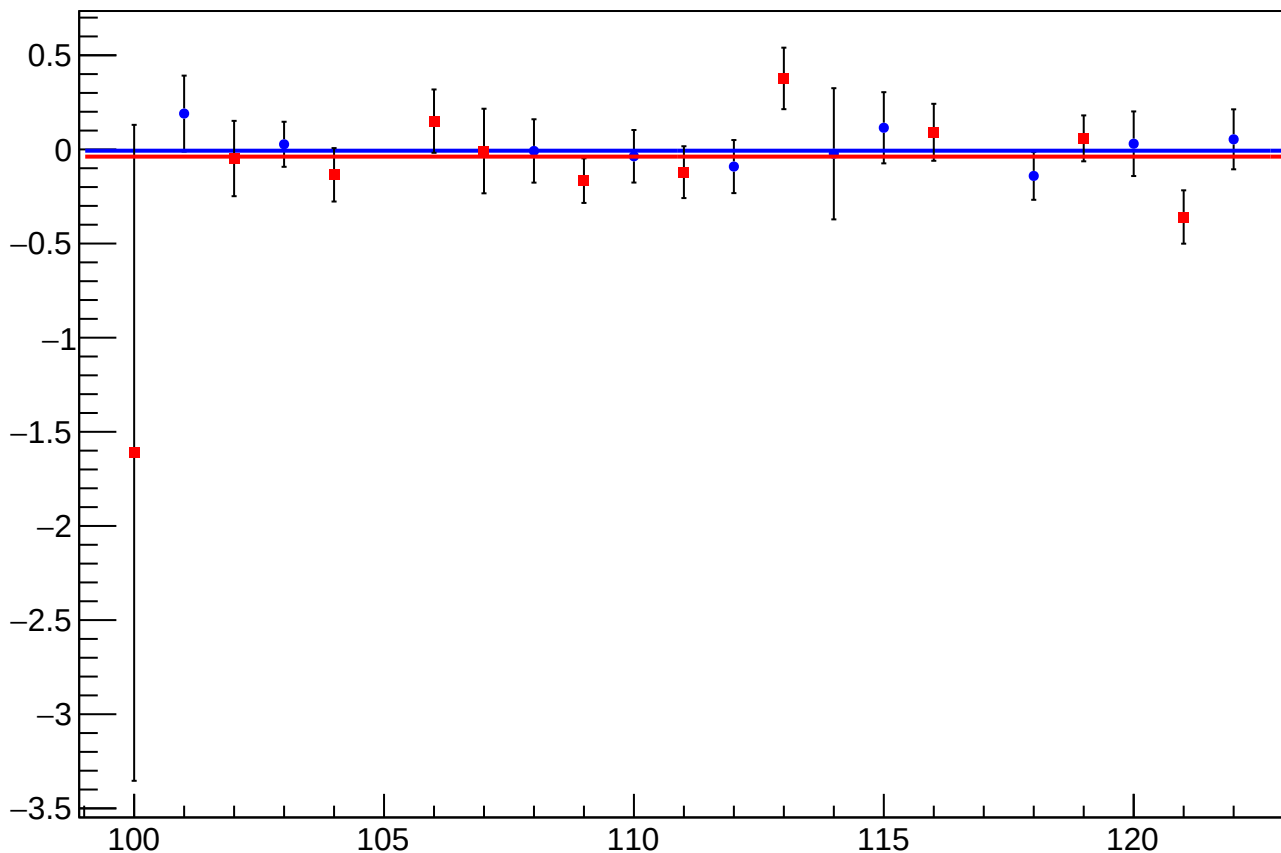
Right: 94.669+/-0.024 χ^2/NDF : 442223.8/20

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

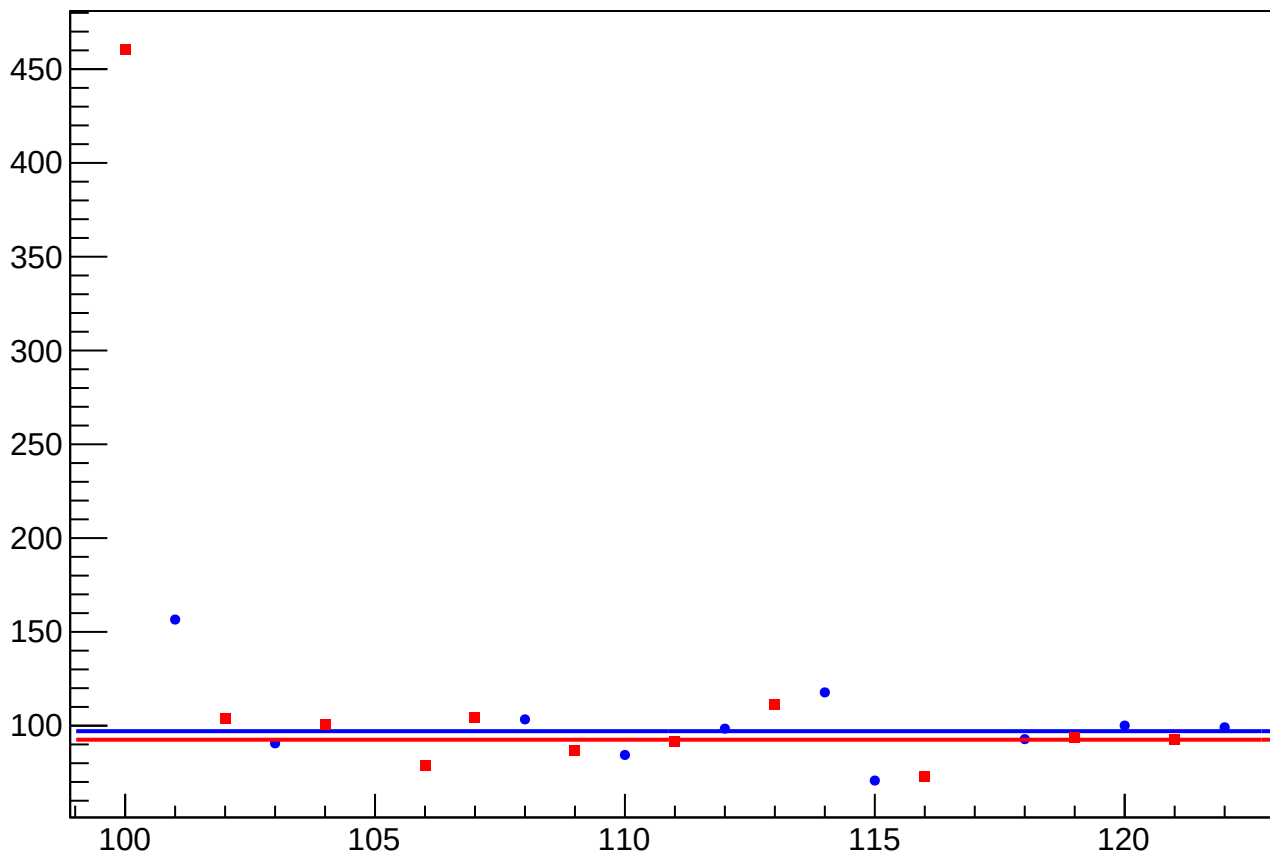
Right: -0.024 ± 0.034 χ^2/NDF : 20.4/20

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

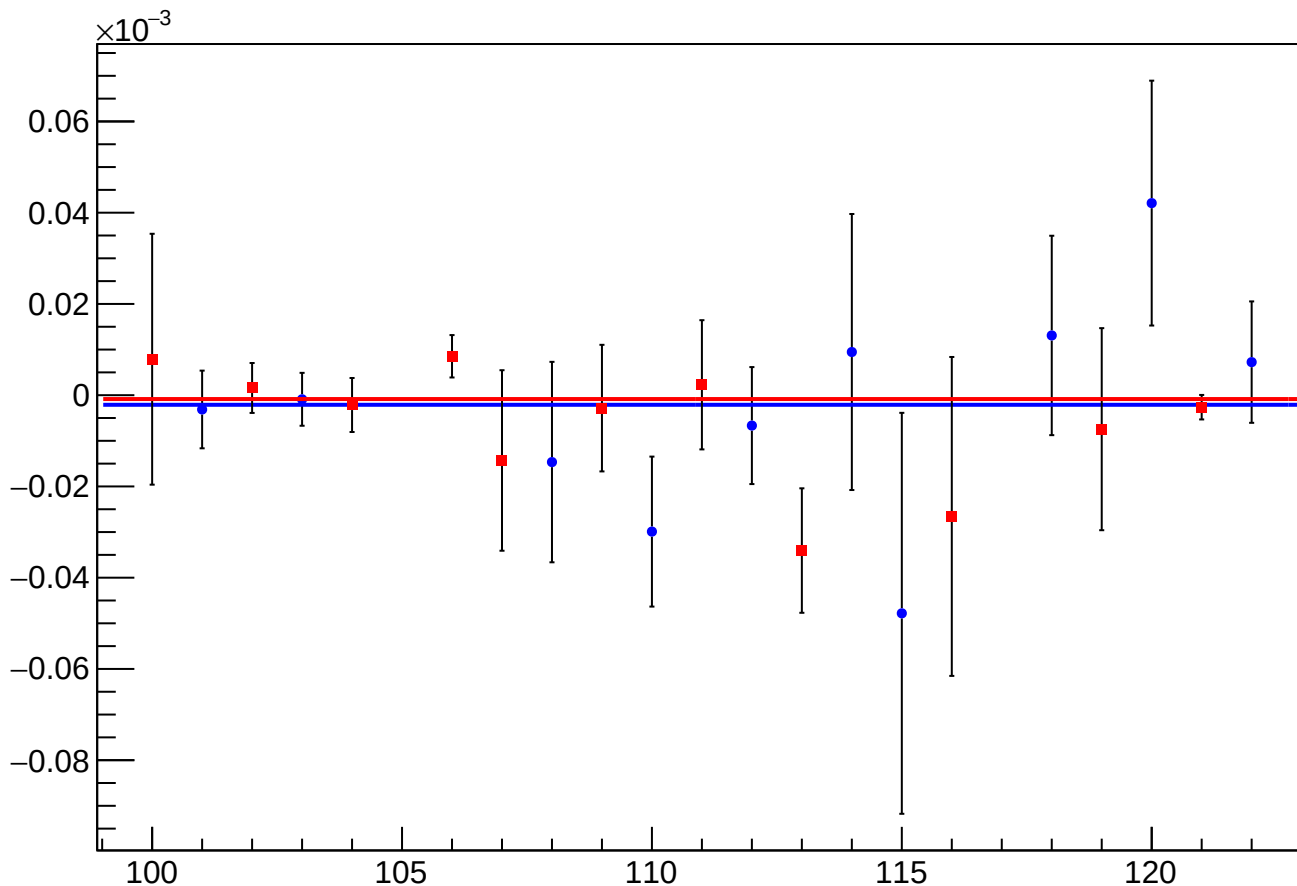
Right: 94.669+/-0.024 χ^2/NDF : 442223.8/20

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

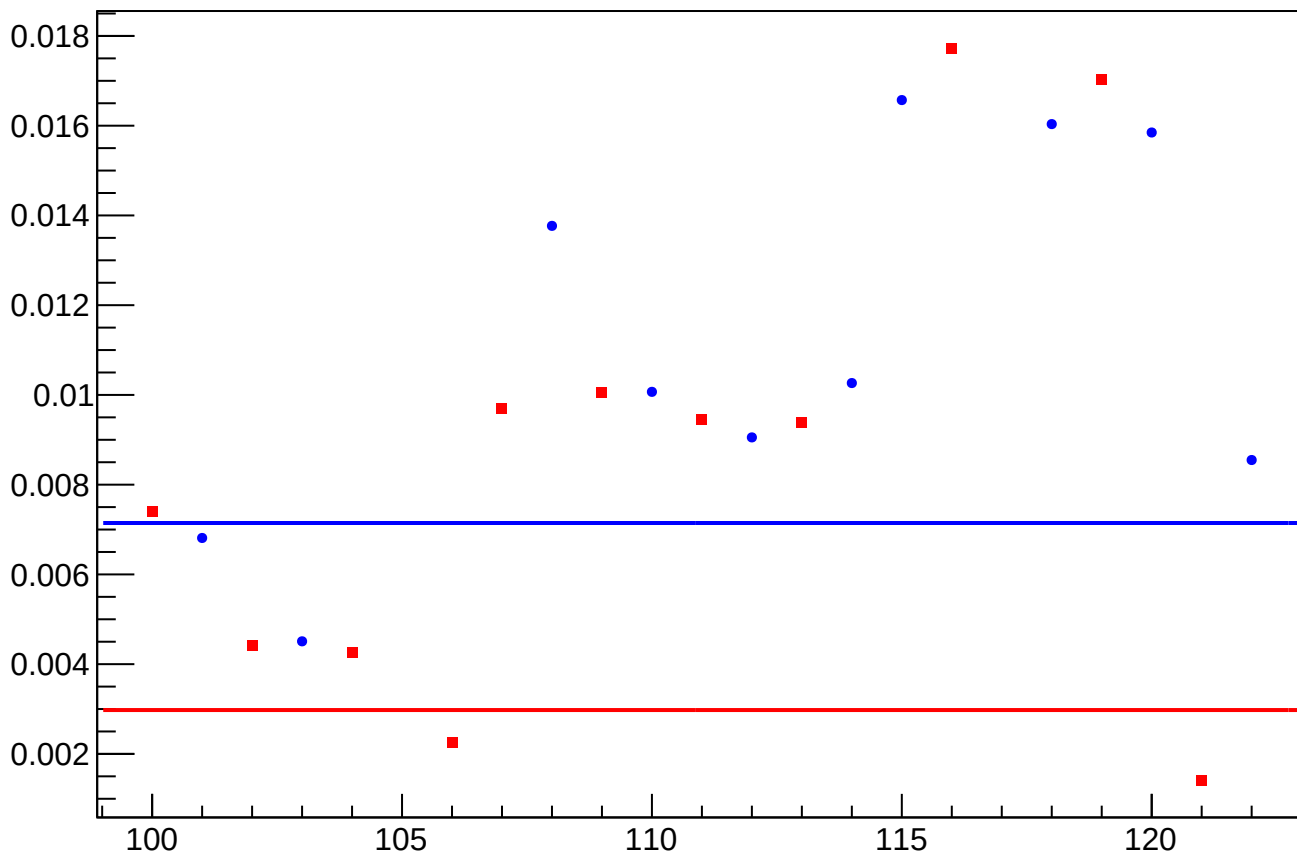
asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

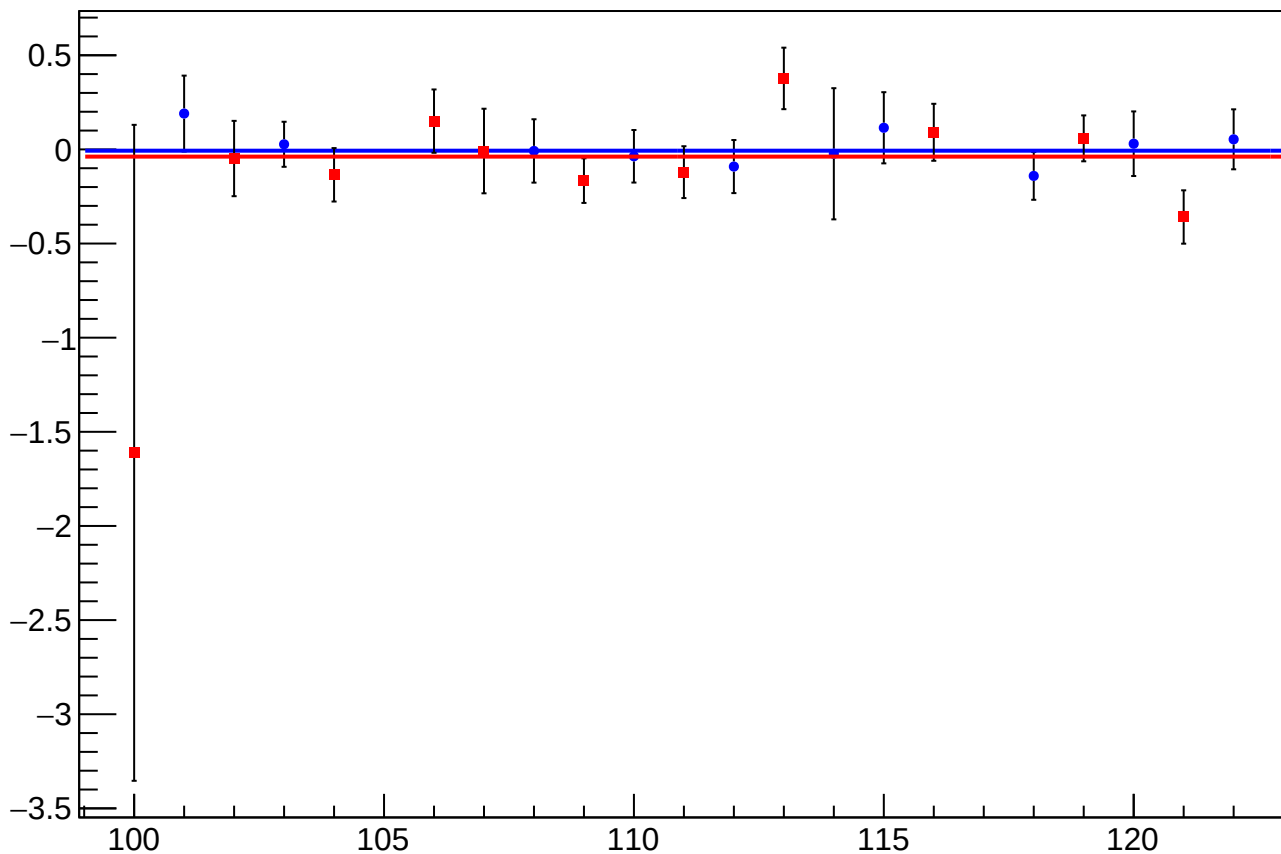
Right: 0.004+/-0.000 χ^2/NDF : 7021291.7/20

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

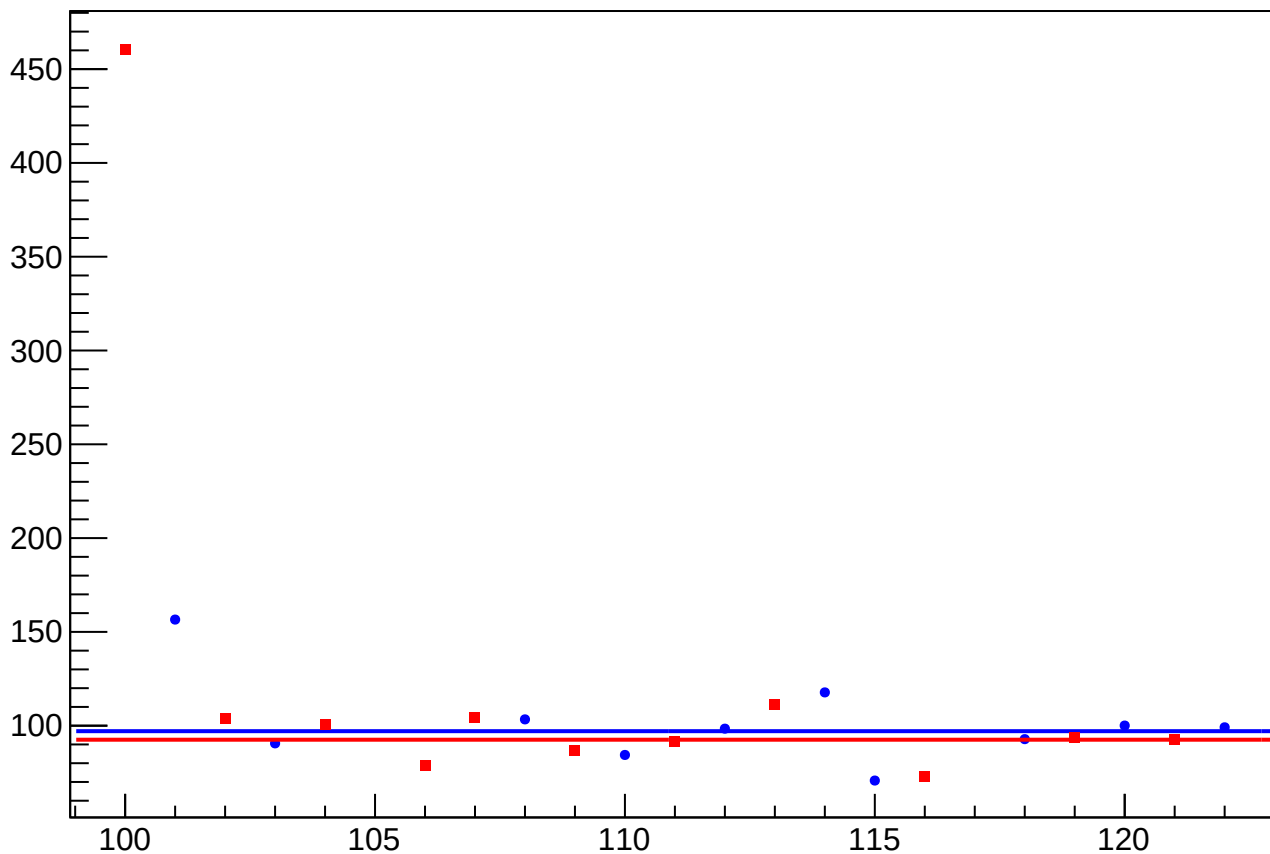
Right: -0.024 $\pm$ 0.034 χ^2 /NDF: 20.4/20

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

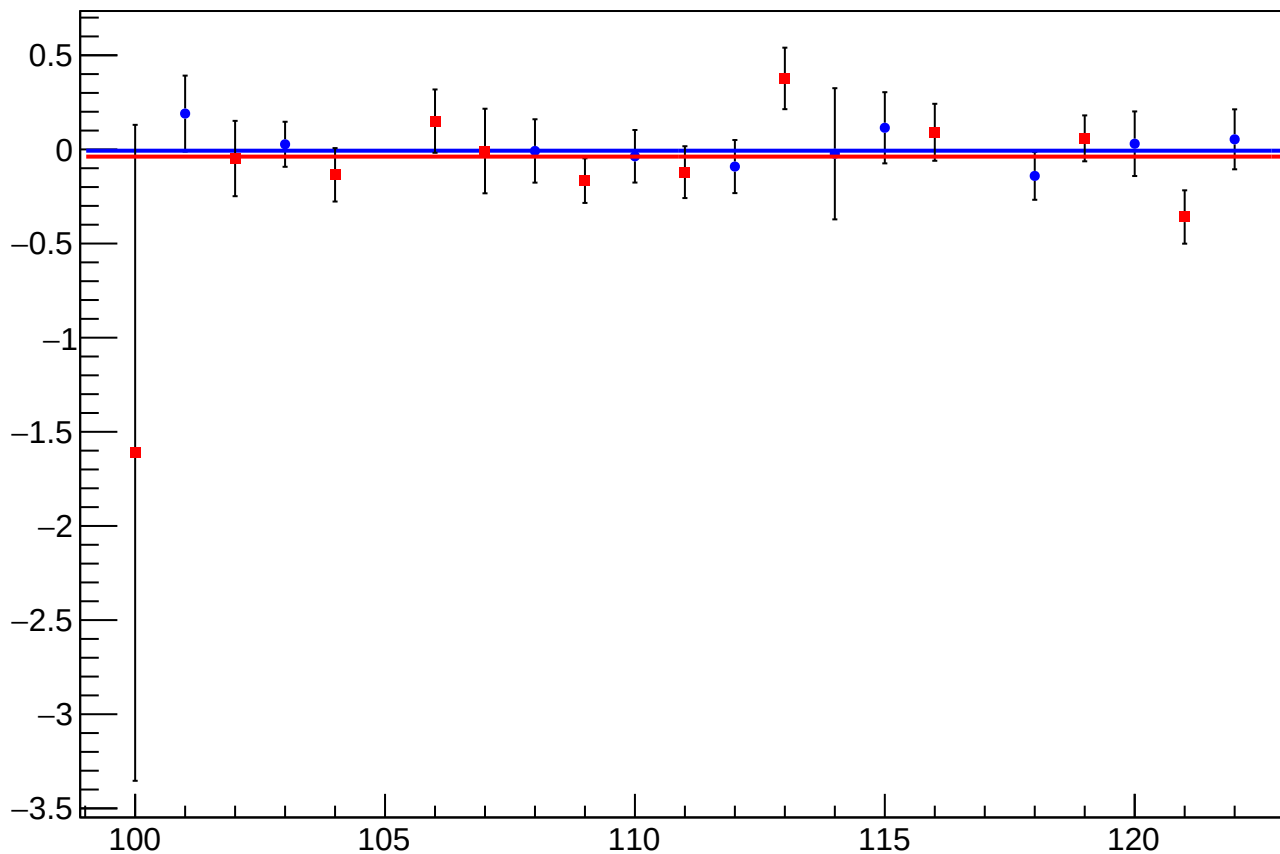
Right: 94.671+/-0.024 χ^2/NDF : 442150.5/20

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

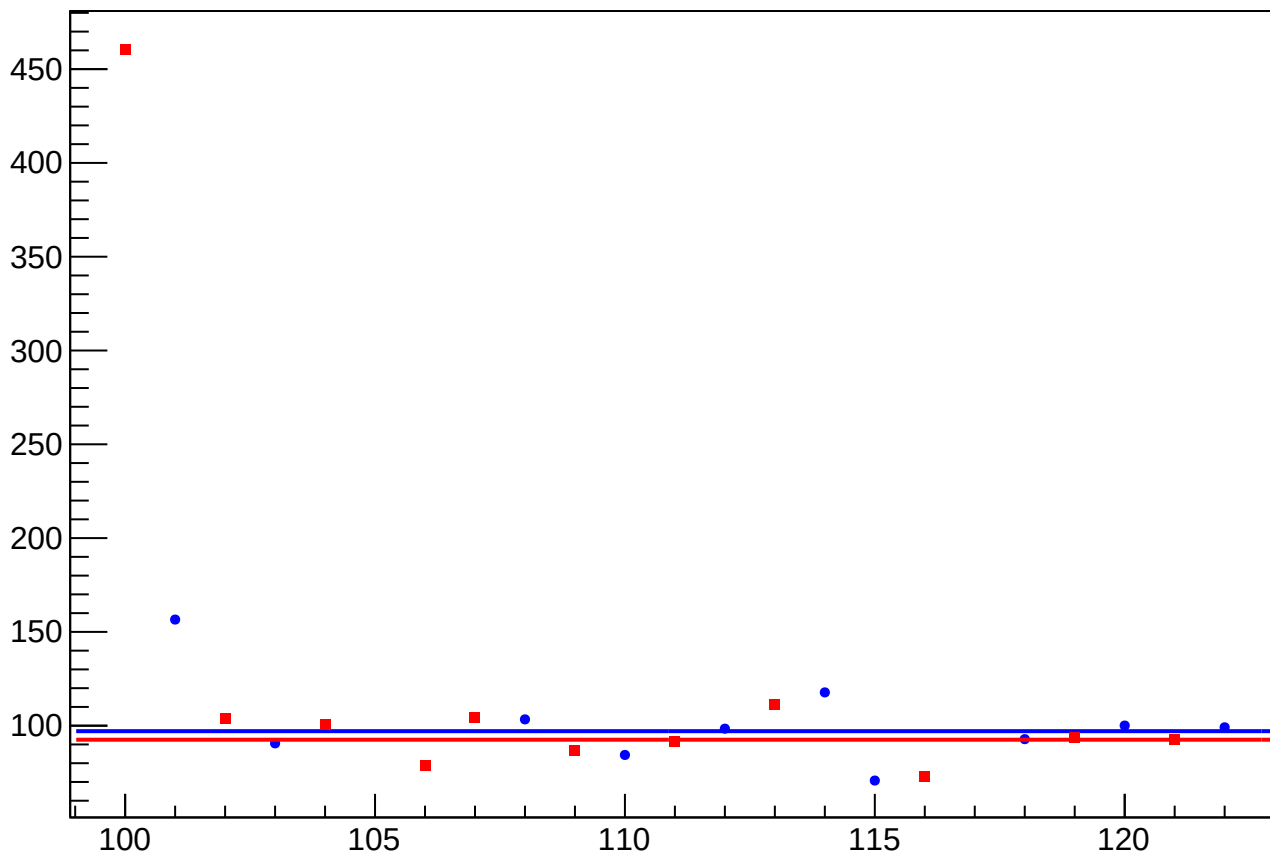
Right: -0.024+/-0.034 χ^2/NDF : 20.4/20

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

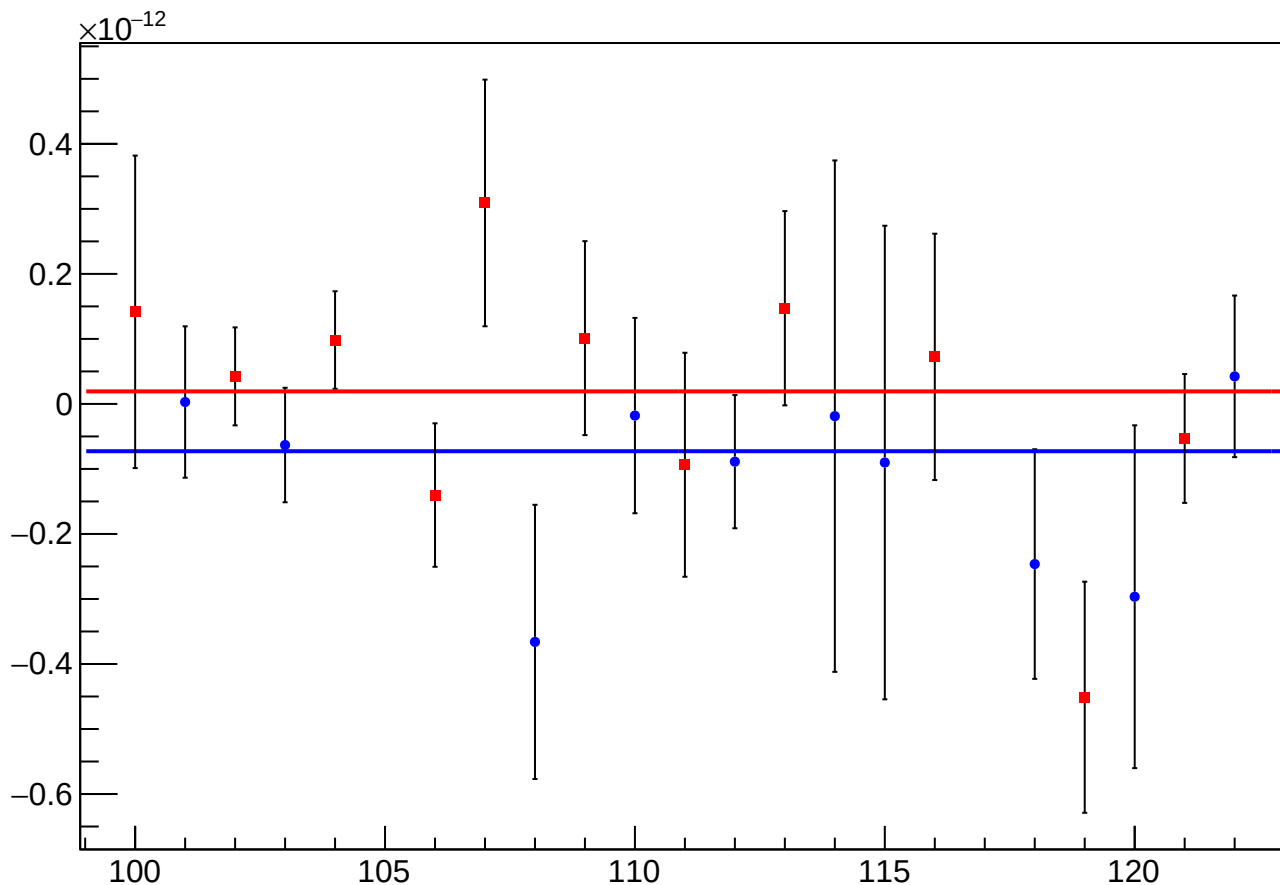
Right: 94.671+/-0.024 χ^2/NDF : 442150.5/20

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

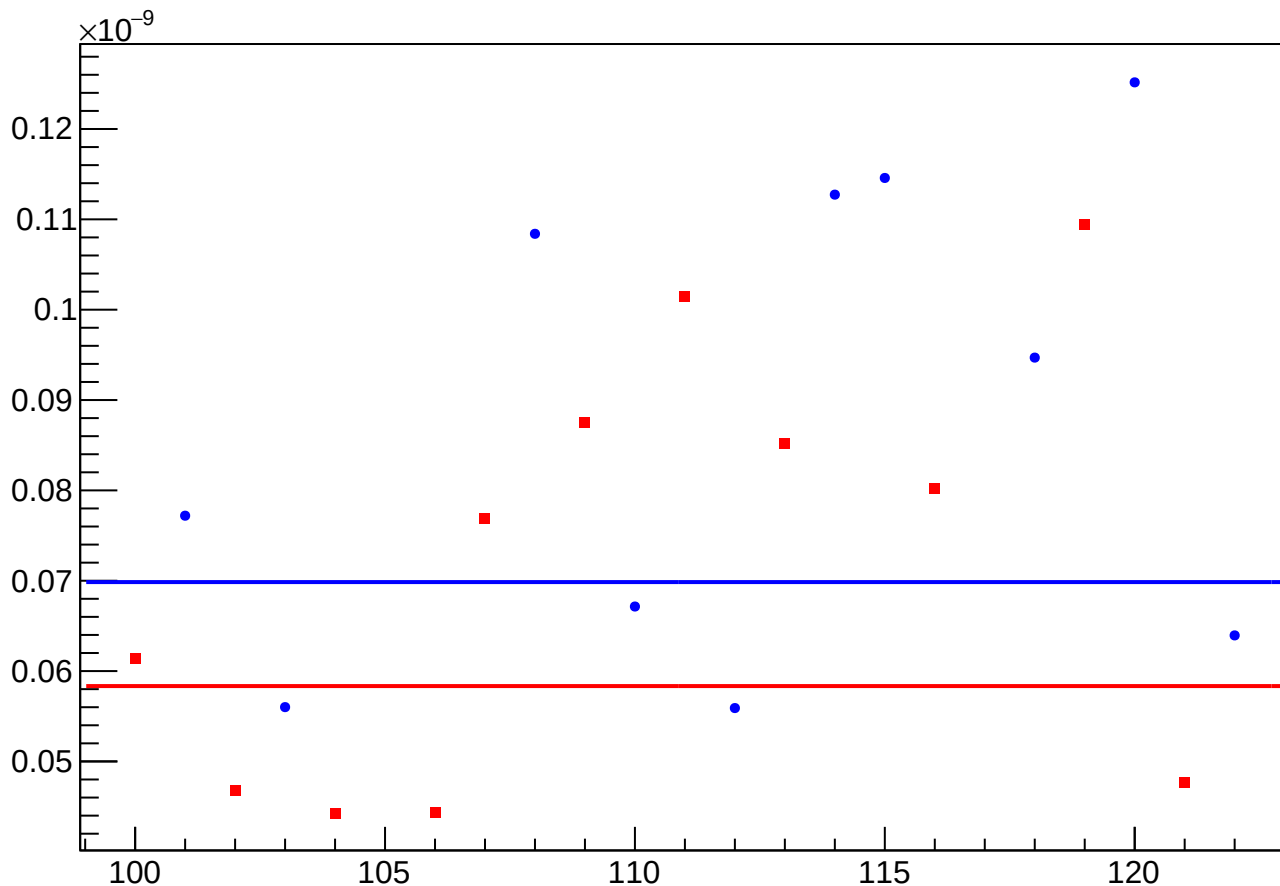
asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

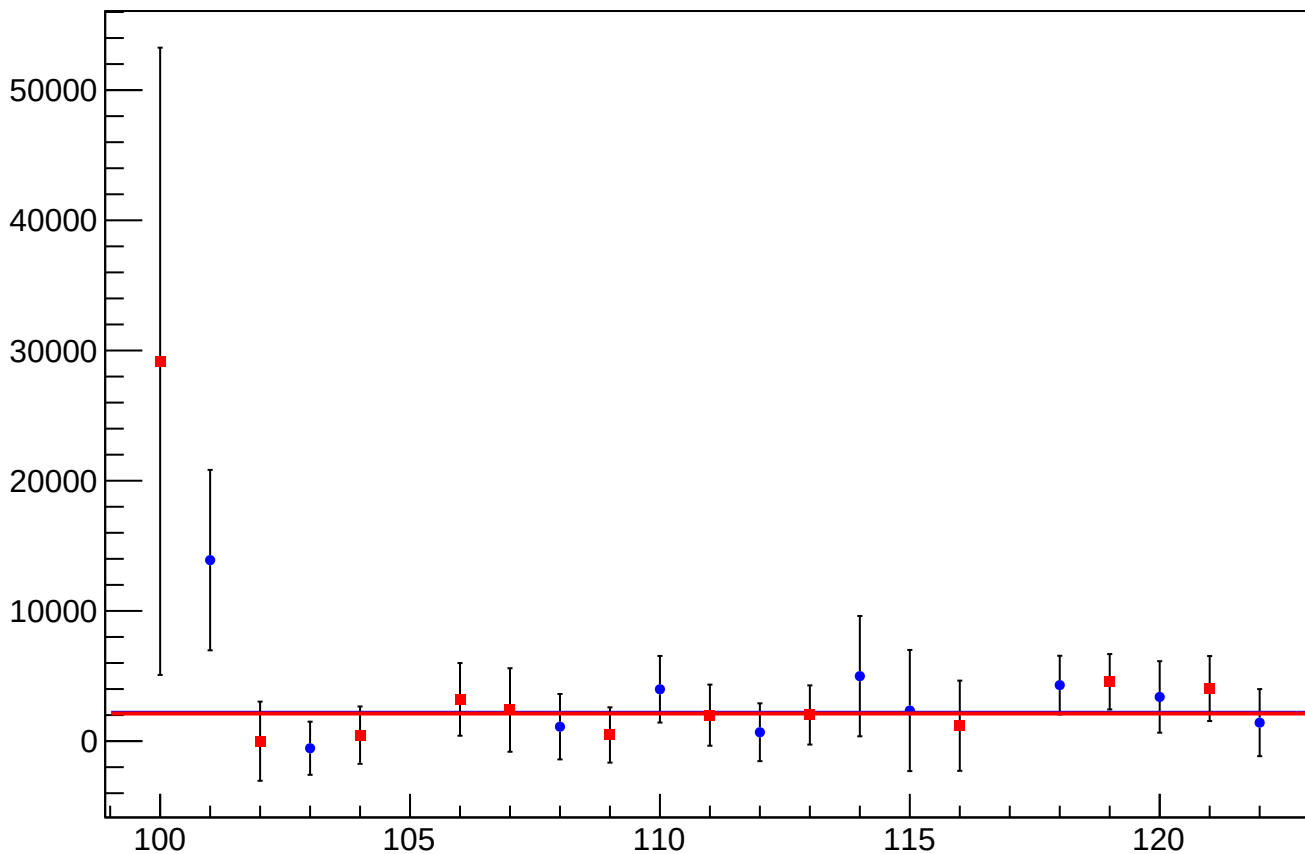
Right: 0.000+/-0.000 χ^2/NDF : 1077693.2/20

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: 2120.512+/-789.922 χ^2/NDF : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

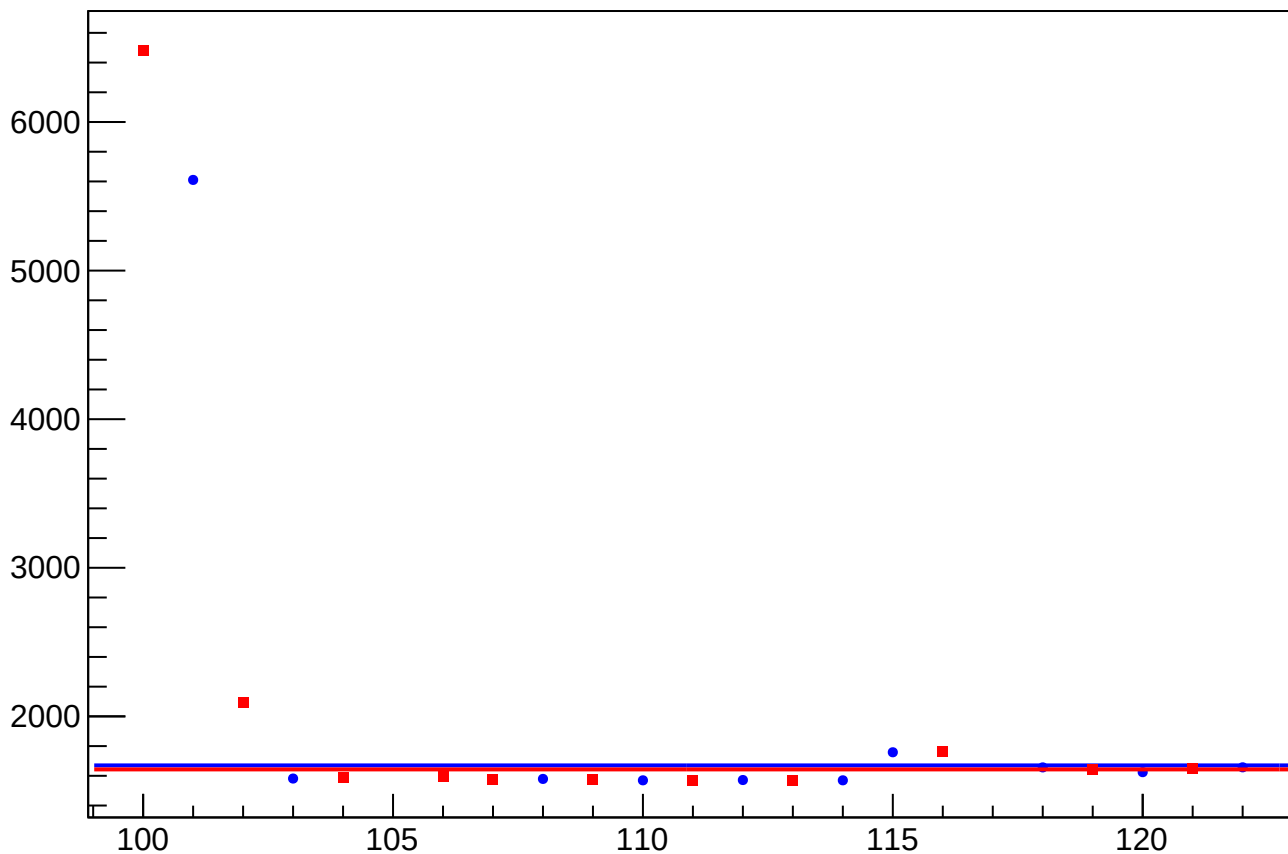
Right: 2145.838+/-582.151 χ^2/NDF : 12.4/20

In: 2175.946+/-861.270 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2145.838+/-582.151 χ^2/NDF : 12.4/20

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: 1643.115+/-0.559 χ^2/NDF : 136346.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

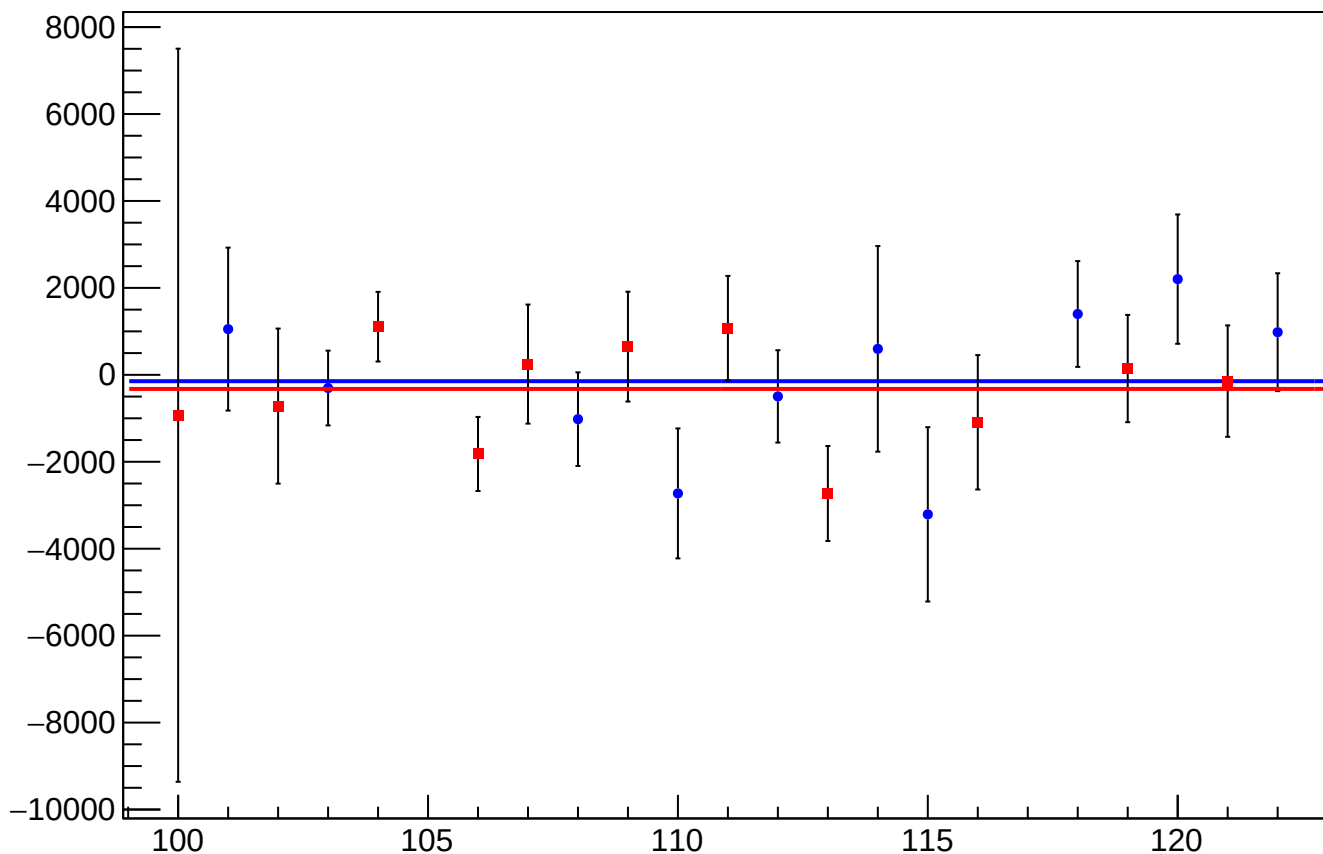
Right: 1655.396+/-0.412 χ^2/NDF : 799904.7/20

In: 1669.995+/-0.609 χ^2/NDF : 662500.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.396+/-0.412 χ^2/NDF : 799904.7/20

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: -323.852+/-361.785 χ^2/NDF : 13.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

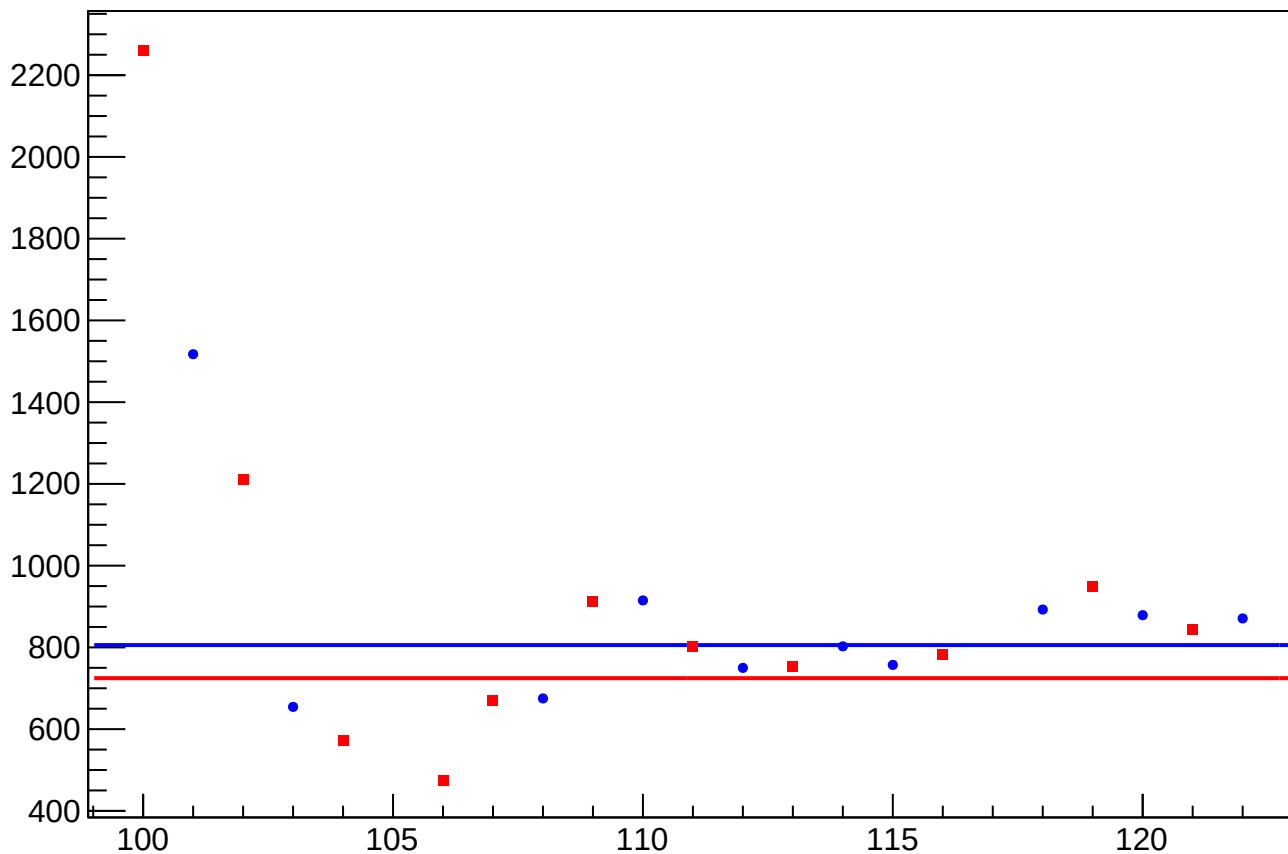
Right: -246.270+/-271.460 χ^2/NDF : 25.2/20

In: -146.319+/-410.644 χ^2/NDF :11.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -246.270+/-271.460 χ^2/NDF : 25.2/20

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: 724.726+/-0.256 χ^2/NDF : 603157.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

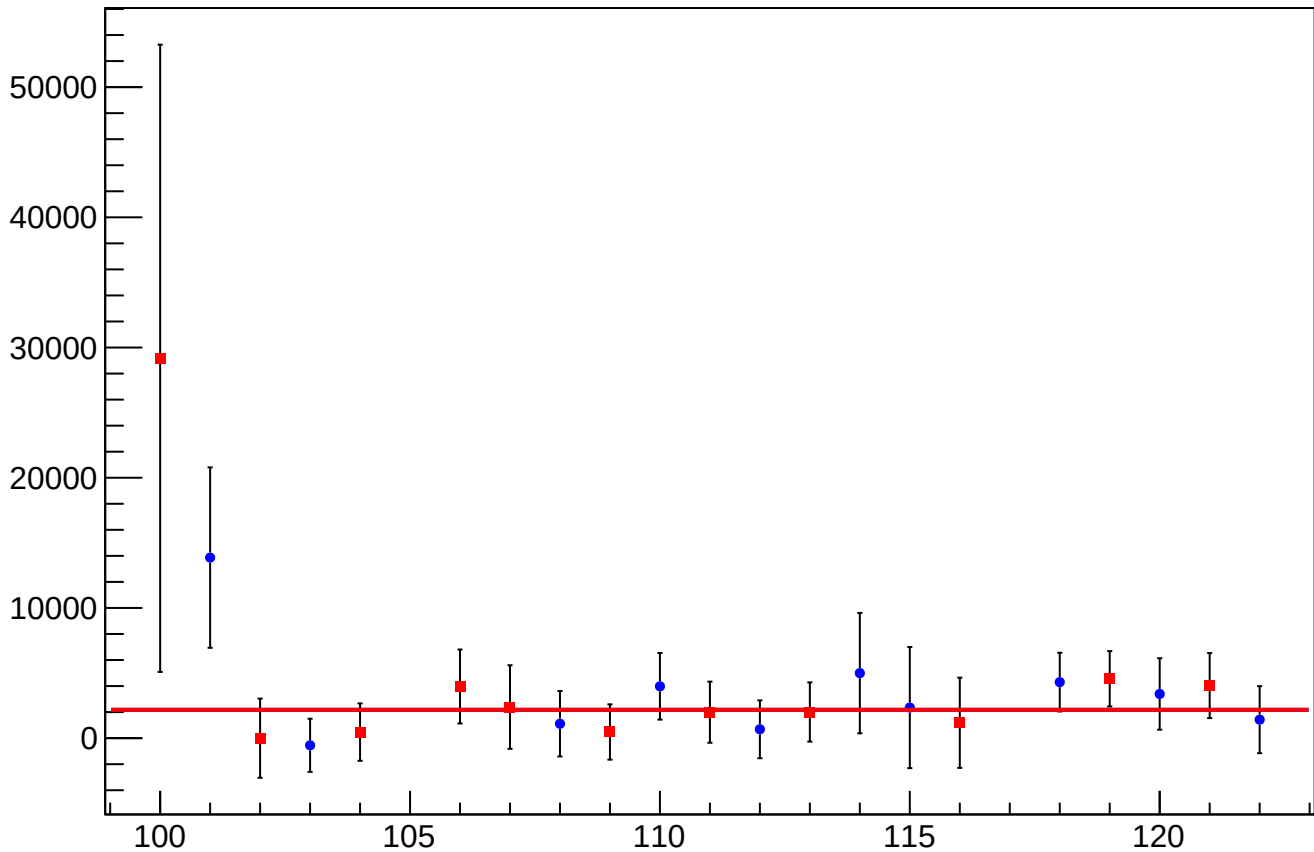
Right: 760.087+/-0.192 χ^2/NDF : 1063405.7/20

In: 805.643+/-0.290 χ^2/NDF : 416527.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.087+/-0.192 χ^2/NDF : 1063405.7/20

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: 2177.331+/-791.014 χ^2/NDF : 5.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

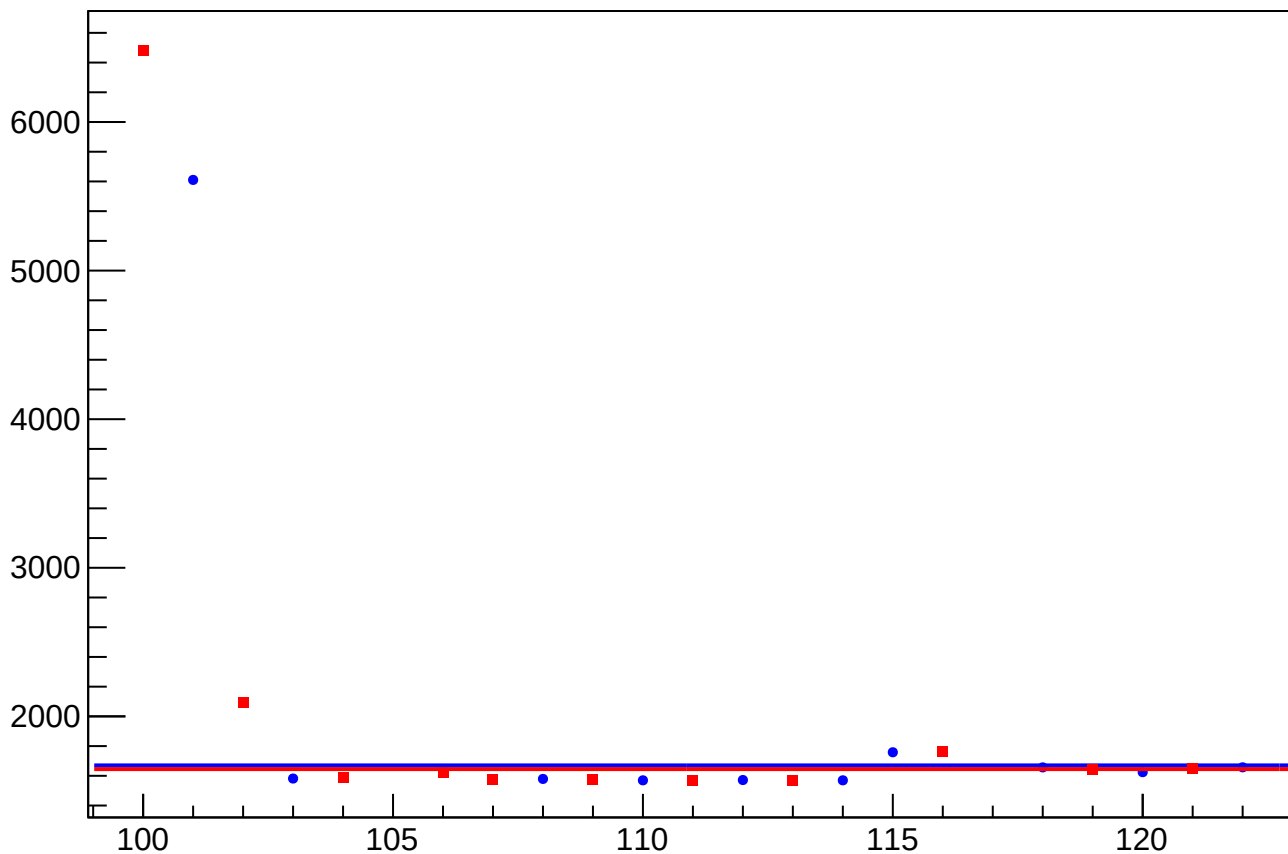
Right: 2176.287+/-582.588 χ^2/NDF : 12.6/20

In: 2175.048+/-861.270 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2176.287+/-582.588 χ^2/NDF : 12.6/20

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: 1645.307+/-0.559 χ^2/NDF : 135829.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

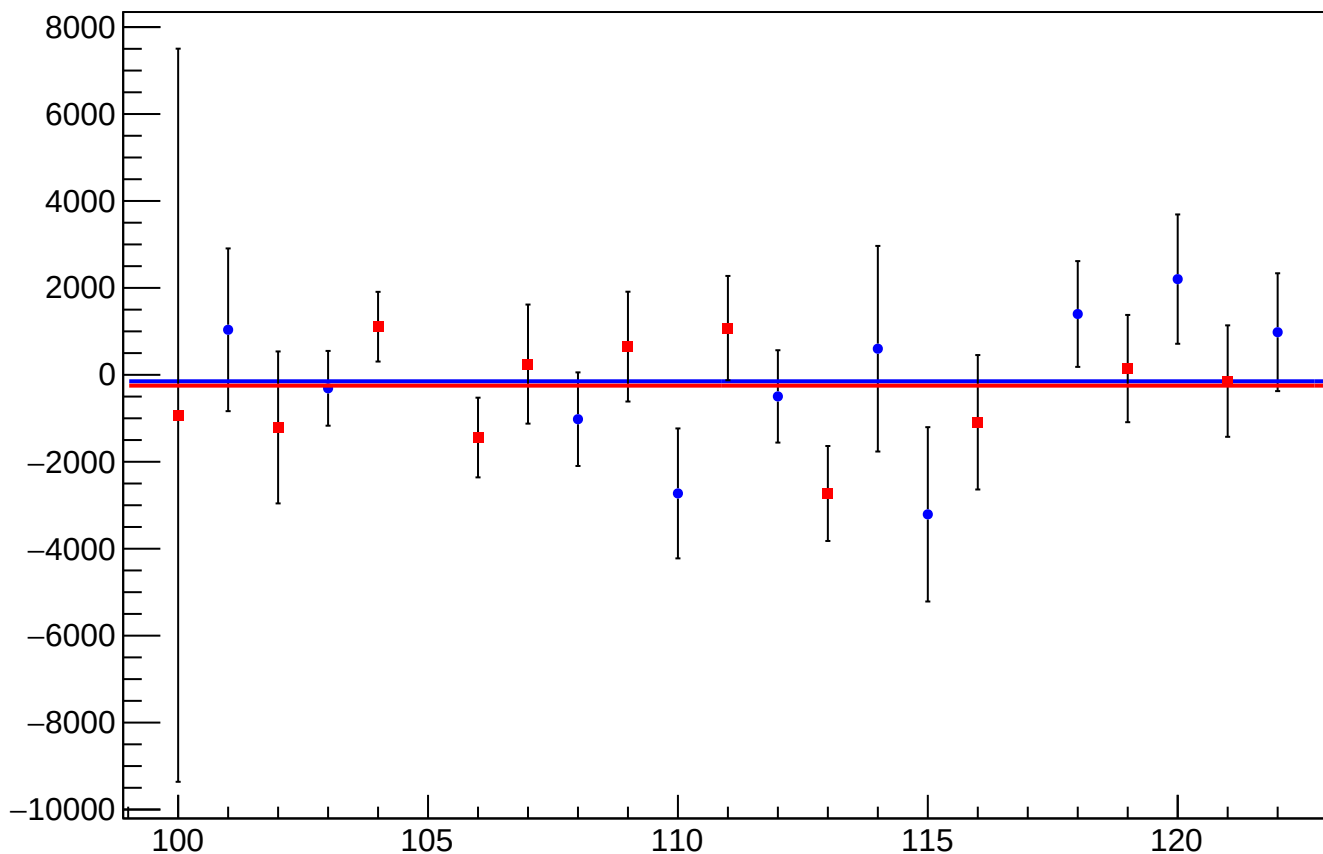
Right: 1656.603+/-0.412 χ^2/NDF : 799221.0/20

In: 1669.995+/-0.609 χ^2/NDF : 662500.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.603+/-0.412 χ^2/NDF : 799221.0/20

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: -248.442+/-366.087 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

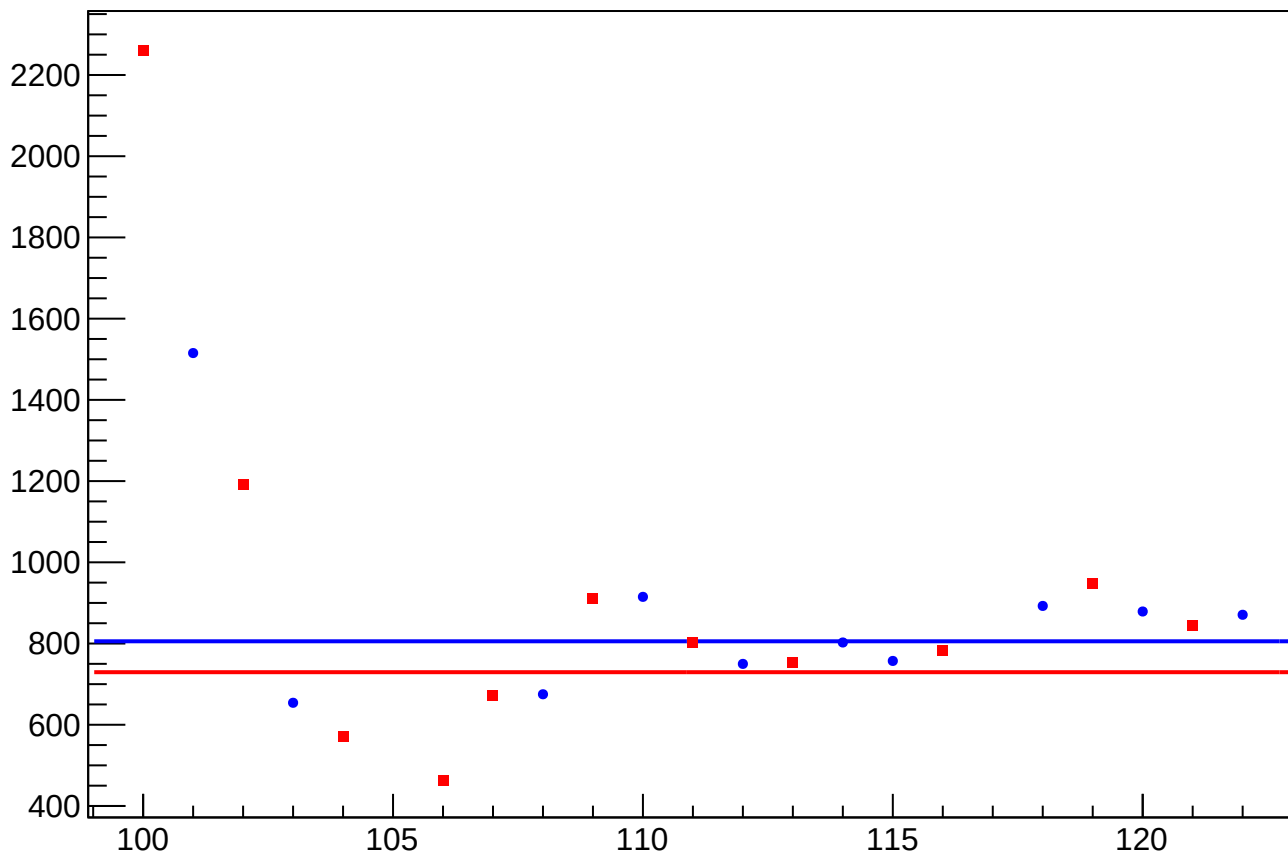
Right: -204.092+/-273.240 χ^2/NDF : 23.7/20

In: -148.311+/-410.567 χ^2/NDF :11.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -204.092+/-273.240 χ^2/NDF : 23.7/20

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: 729.433+/-0.259 χ^2/NDF : 586816.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

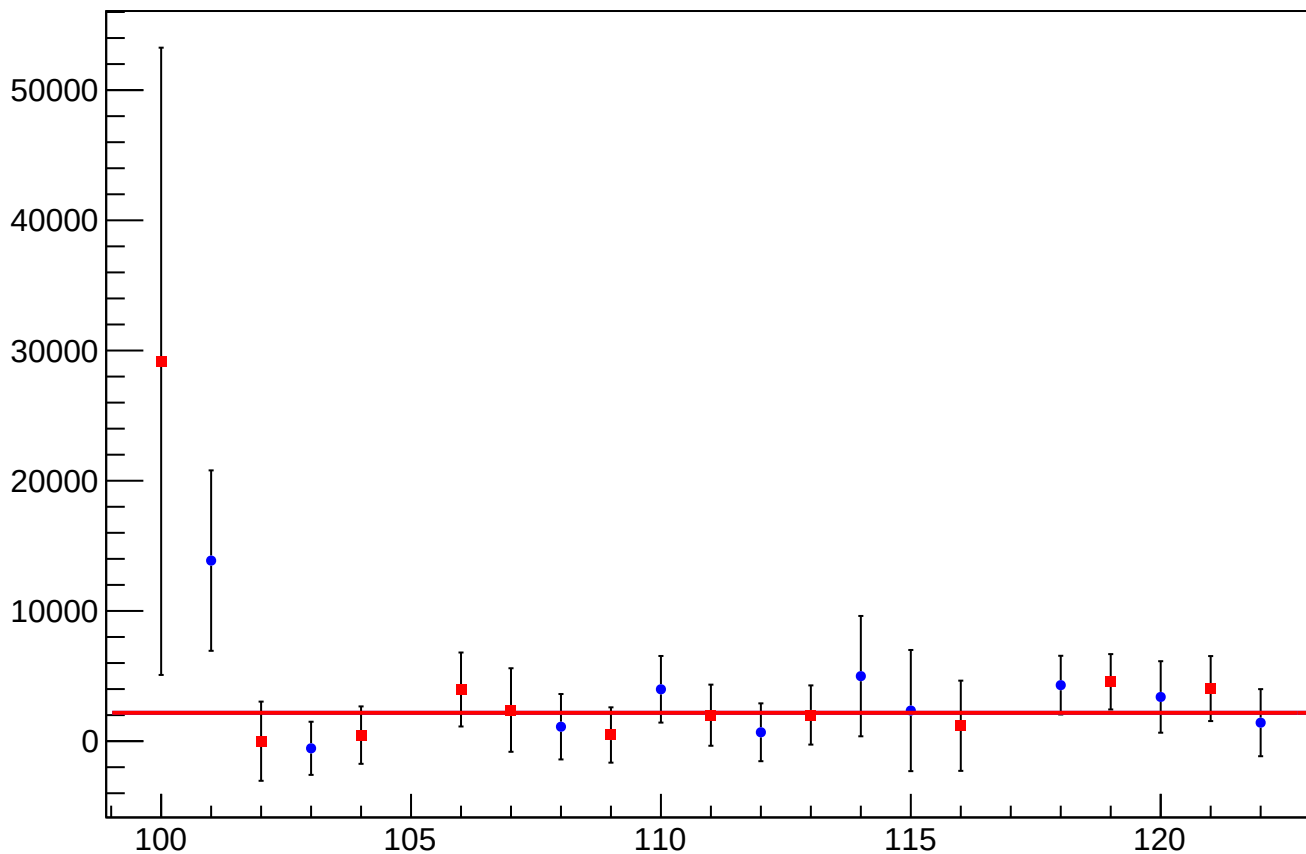
Right: 763.139+/-0.193 χ^2/NDF : 1041118.7/20

In: 805.533+/-0.290 χ^2/NDF : 416025.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.139+/-0.193 χ^2/NDF : 1041118.7/20

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: 2177.331+/-791.014 χ^2/NDF : 5.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

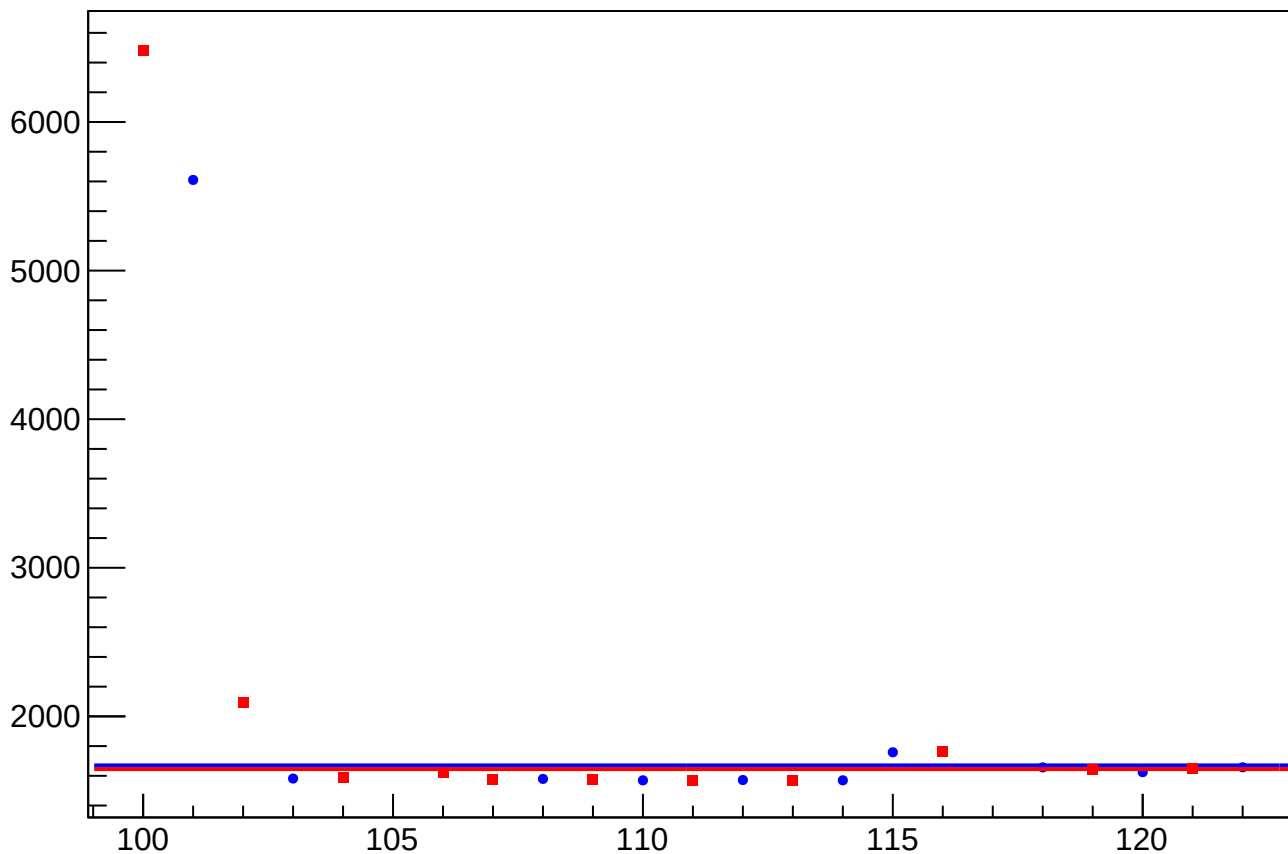
Right: 2176.287+/-582.588 χ^2/NDF : 12.6/20

In: 2175.048+/-861.270 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2176.287+/-582.588 χ^2/NDF : 12.6/20

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: 1645.307+/-0.559 χ^2/NDF : 135829.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

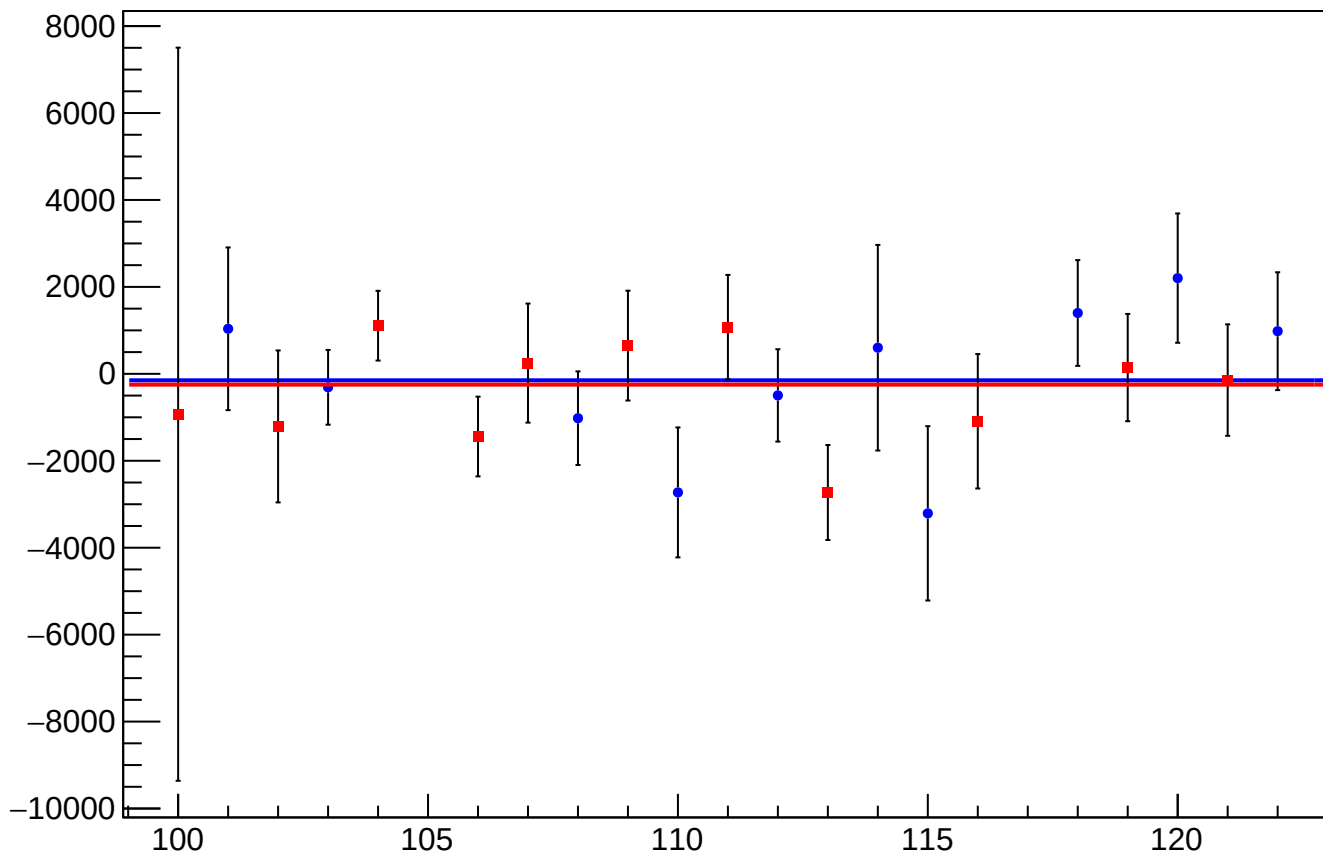
Right: 1656.603+/-0.412 χ^2/NDF : 799221.0/20

In: 1669.995+/-0.609 χ^2/NDF : 662500.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.603+/-0.412 χ^2/NDF : 799221.0/20

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: -248.442+/-366.087 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

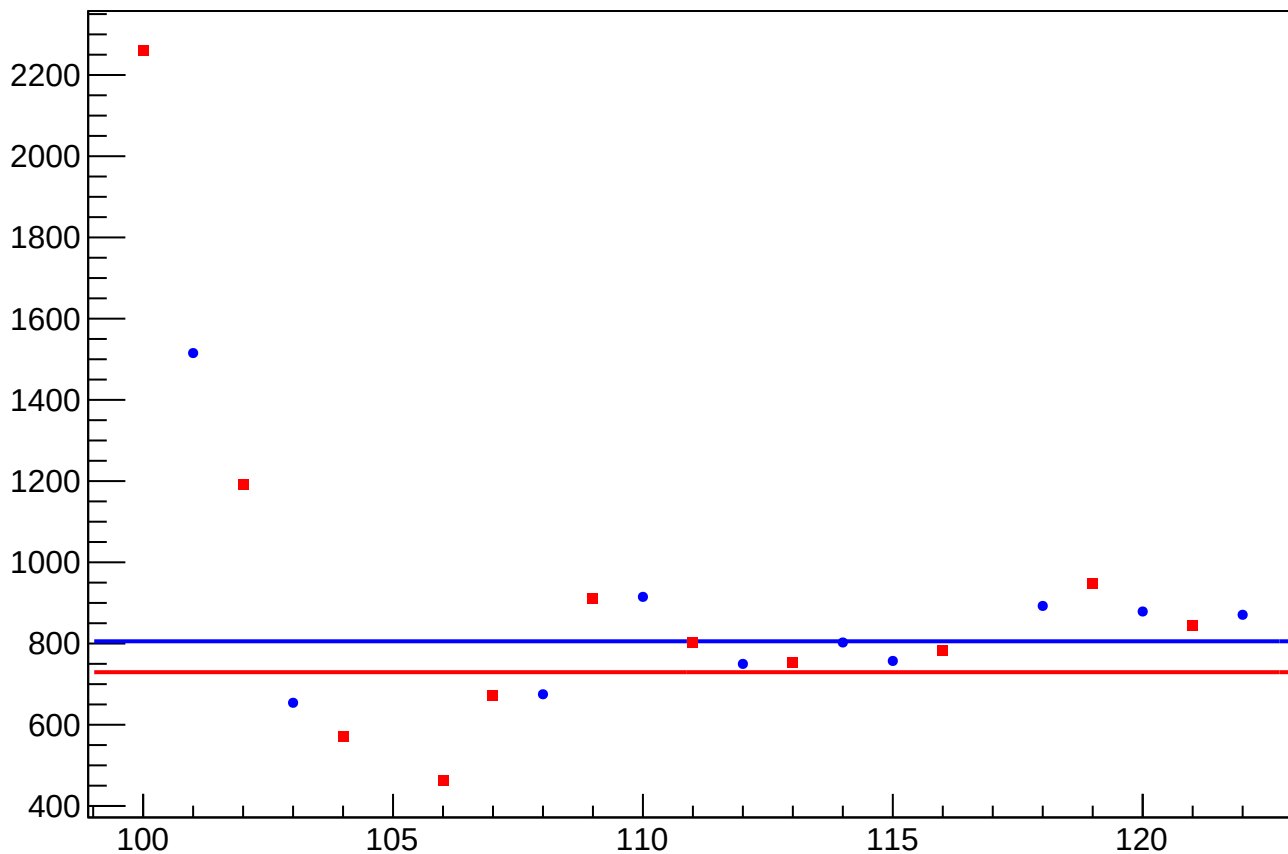
Right: -204.092+/-273.240 χ^2/NDF : 23.7/20

In: -148.311+/-410.567 χ^2/NDF :11.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -204.092+/-273.240 χ^2/NDF : 23.7/20

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: 729.433+/-0.259 χ^2/NDF : 586816.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

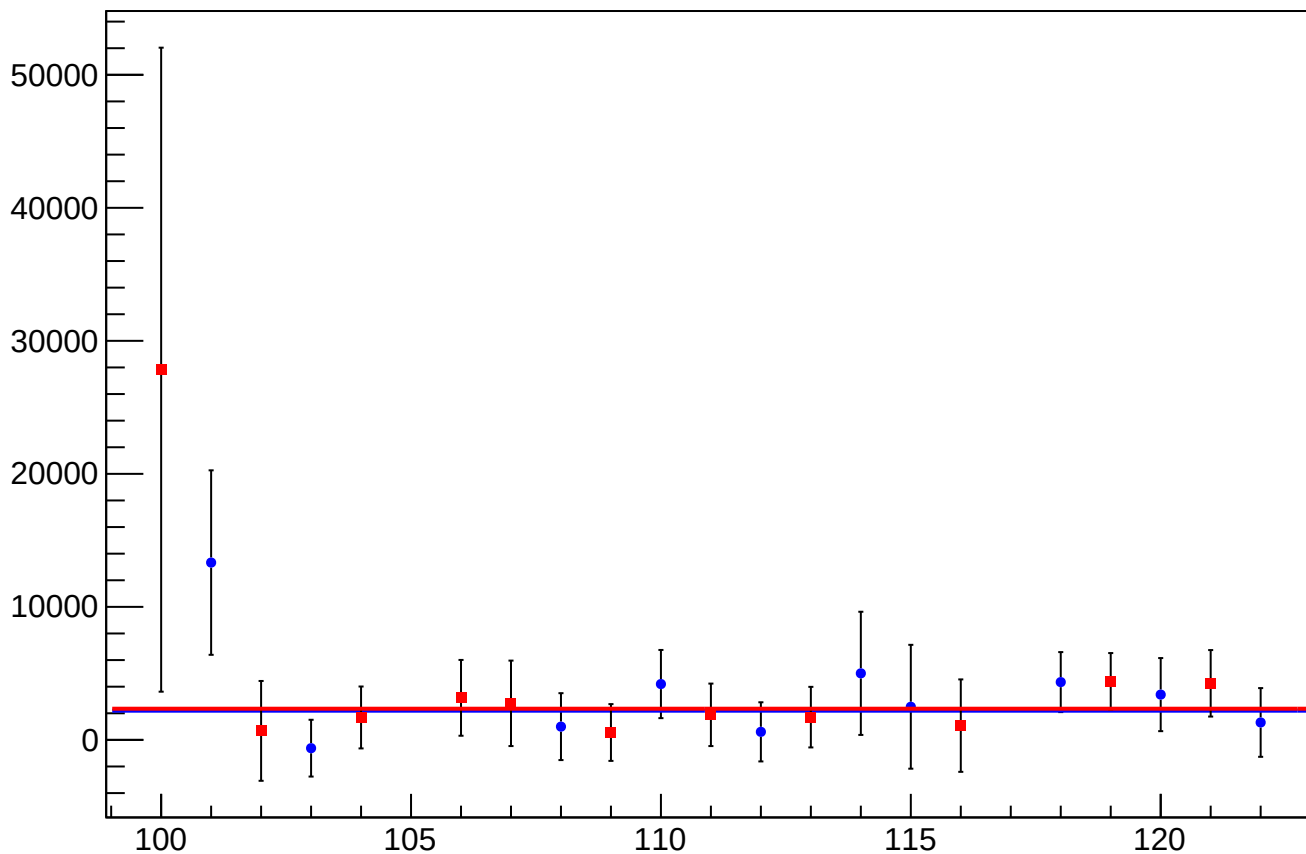
Right: 763.139+/-0.193 χ^2/NDF : 1041118.7/20

In: 805.533+/-0.290 χ^2/NDF : 416025.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.139+/-0.193 χ^2/NDF : 1041118.7/20

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: 2343.176+/-807.177 χ^2/NDF : 4.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

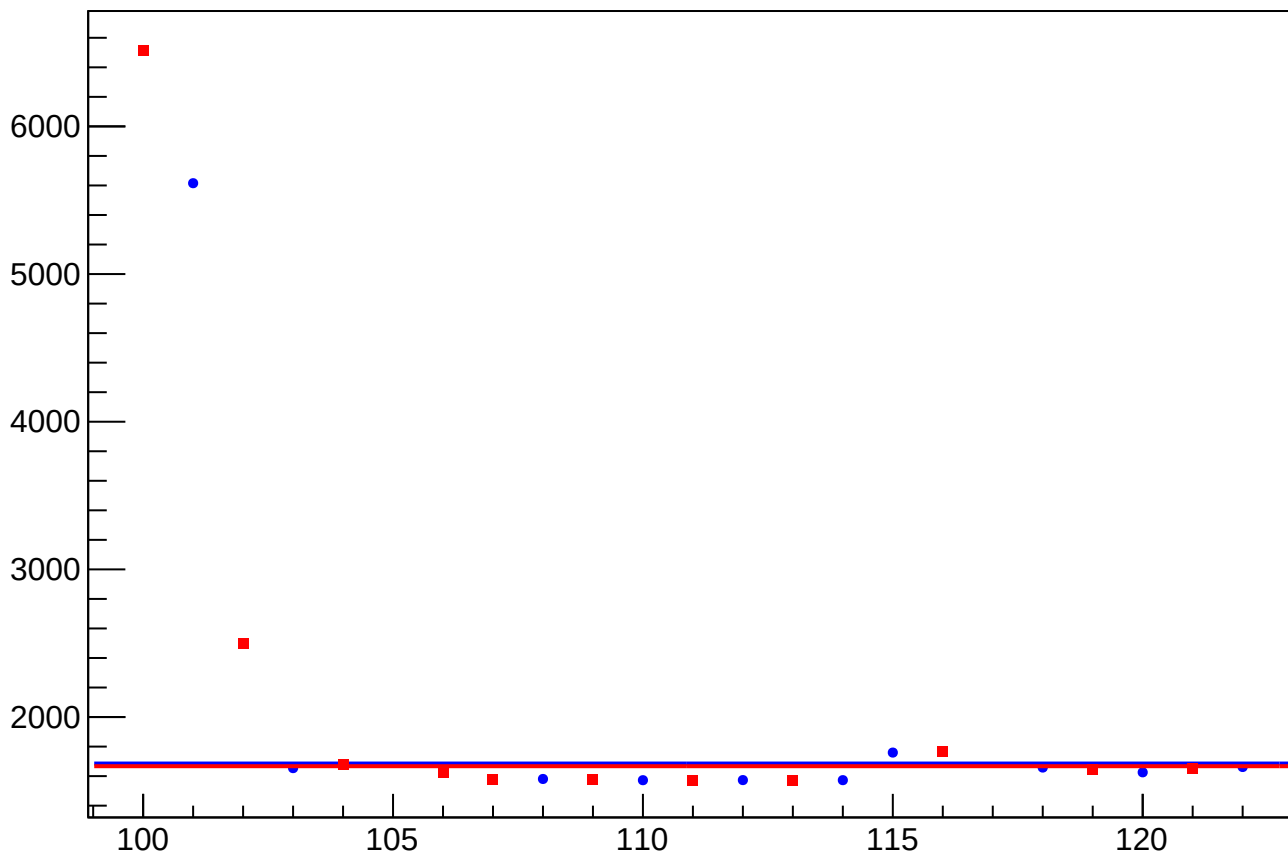
Right: 2274.783+/-591.374 χ^2/NDF : 11.2/20

In: 2195.532+/-868.887 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.783+/-591.374 χ^2/NDF : 11.2/20

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: 1667.121+/-0.571 χ^2/NDF : 192229.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

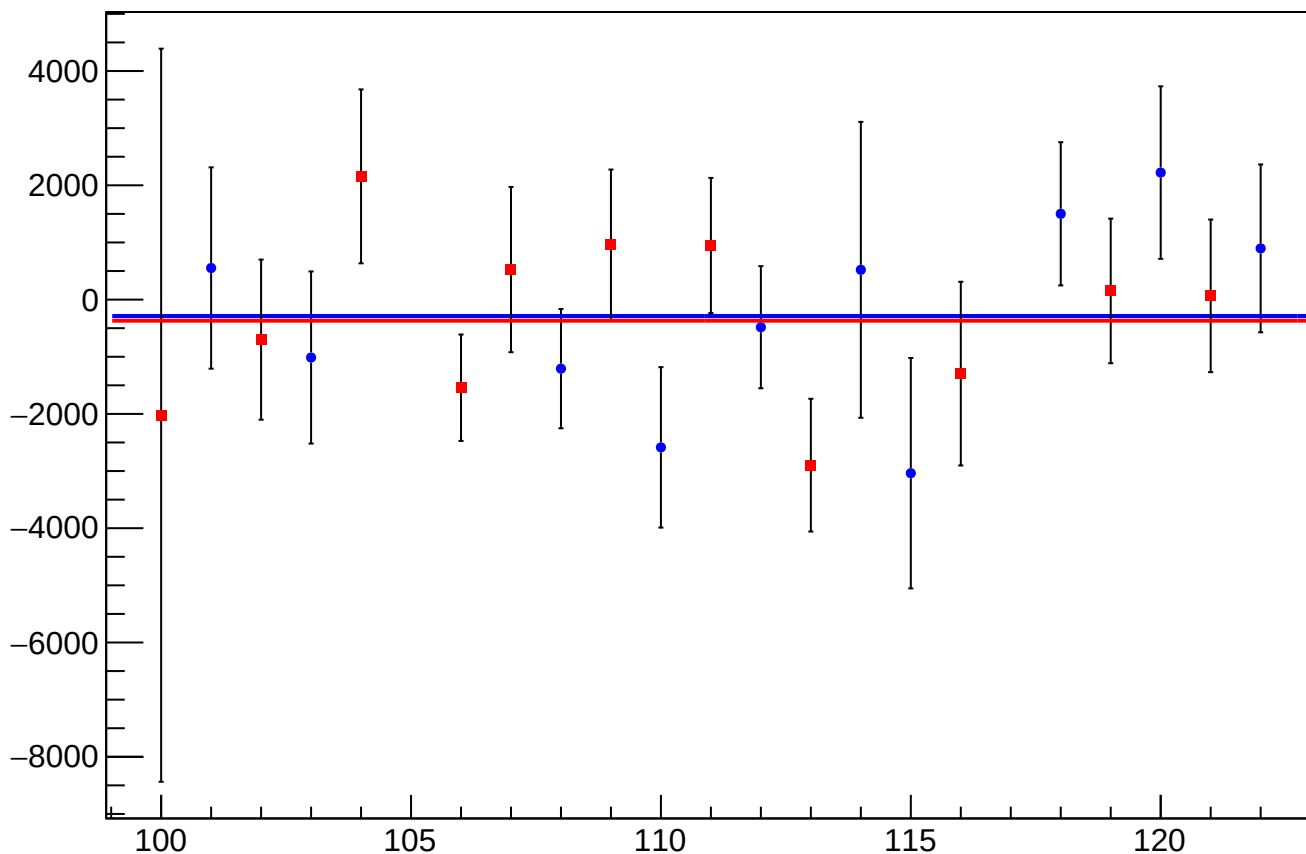
Right: 1675.500+/-0.418 χ^2/NDF : 850914.1/20

In: 1685.210+/-0.614 χ^2/NDF : 658219.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1675.500+/-0.418 χ^2/NDF : 850914.1/20

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: -368.638+/-401.529 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

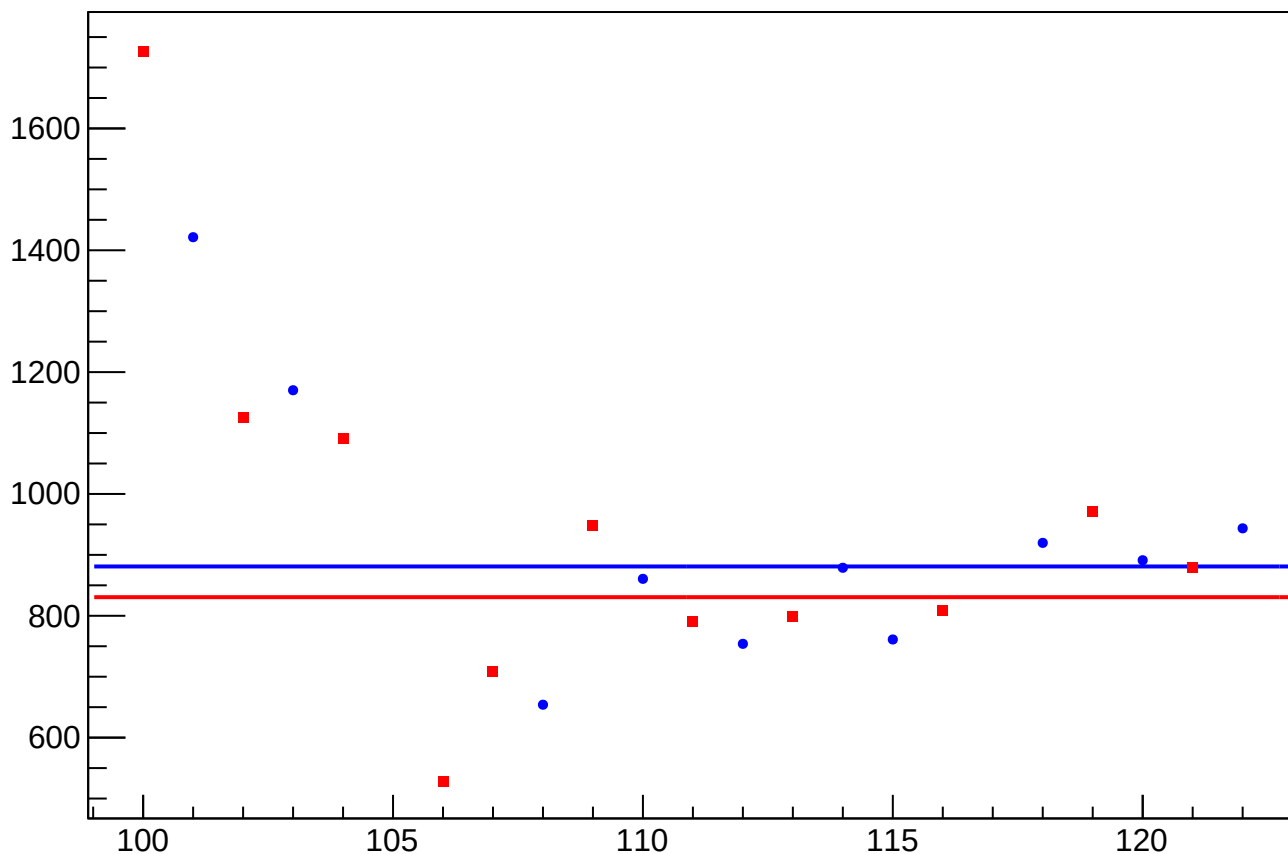
Right: -332.235+/-298.769 χ^2/NDF : 23.8/20

In: -287.079+/-447.199 χ^2/NDF :11.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -332.235+/-298.769 χ^2/NDF : 23.8/20

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: 830.564+/-0.284 χ^2/NDF : 459180.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

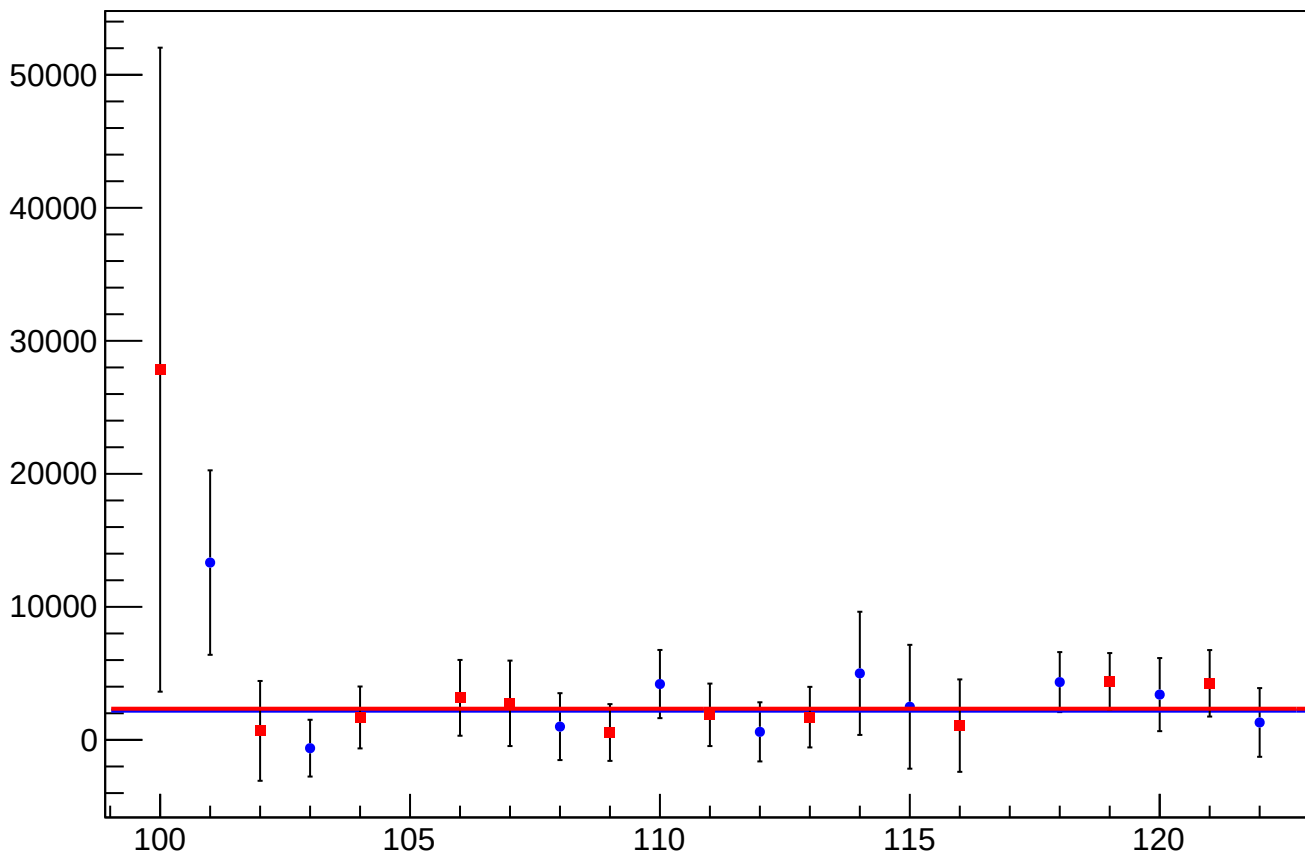
Right: 853.064+/-0.211 χ^2/NDF : 871380.6/20

In: 880.972+/-0.316 χ^2/NDF : 398131.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.064+/-0.211 χ^2/NDF : 871380.6/20

eigen_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: 2343.177+/-807.176 χ^2/NDF : 4.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

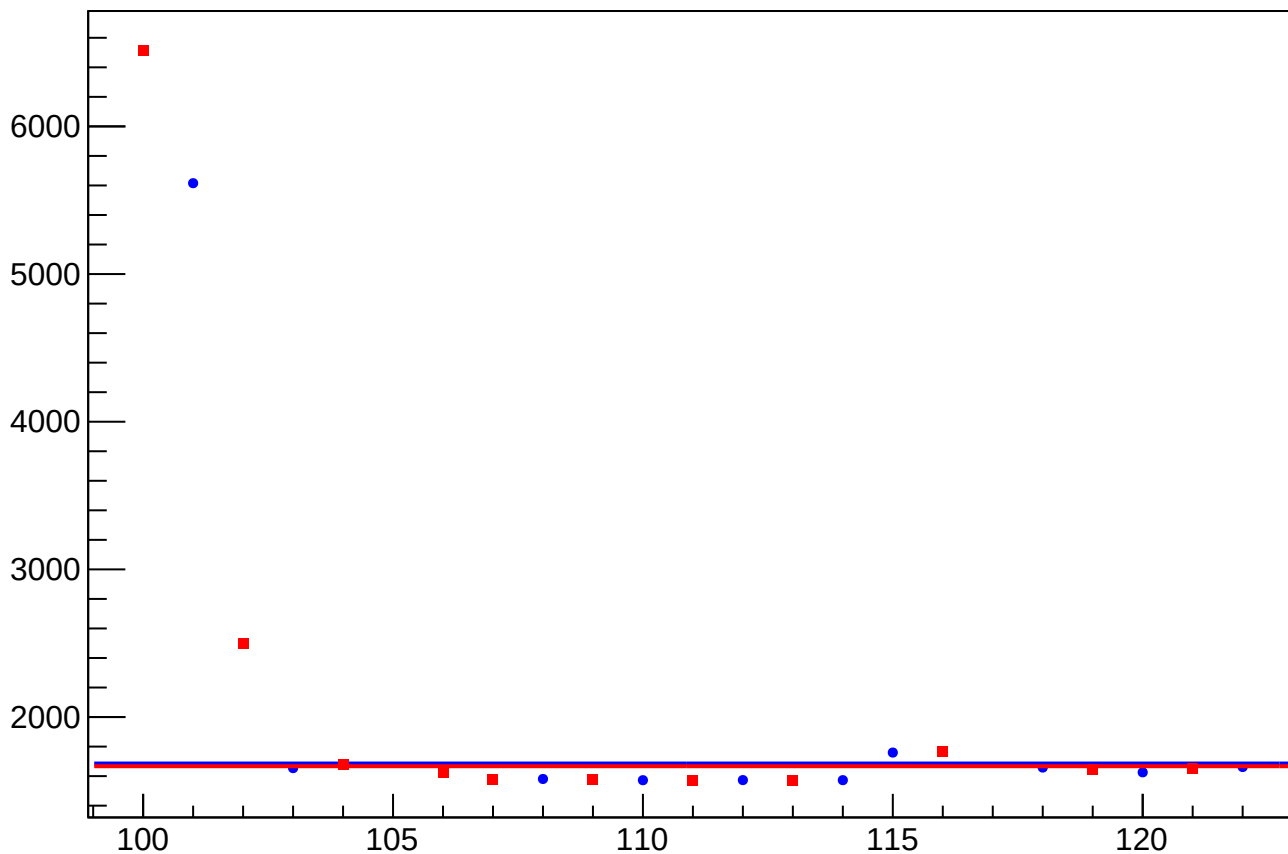
Right: 2274.783+/-591.374 χ^2/NDF : 11.2/20

In: 2195.532+/-868.887 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.783+/-591.374 χ^2/NDF : 11.2/20

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: 1667.121+/-0.571 χ^2/NDF : 192228.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

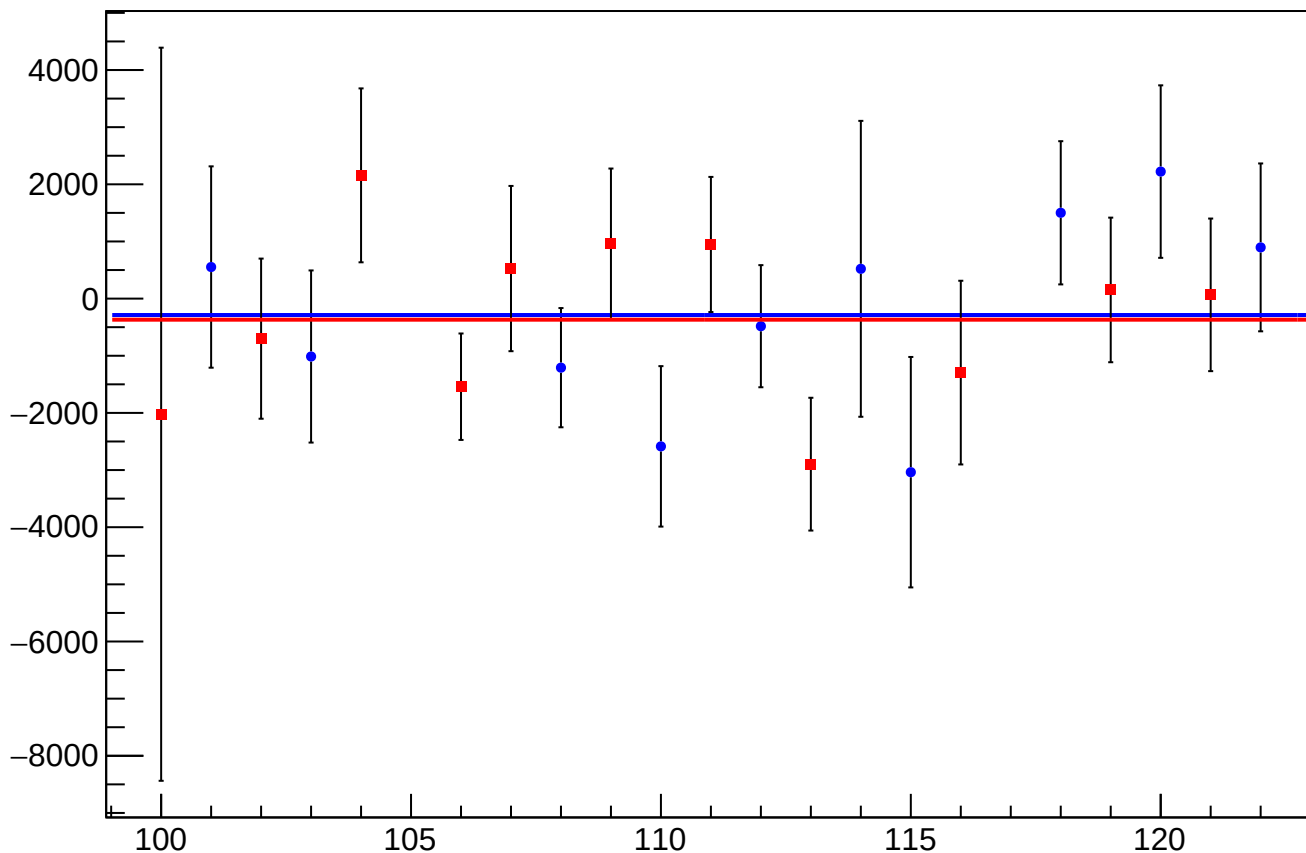
Right: 1675.500+/-0.418 χ^2/NDF : 850914.0/20

In: 1685.210+/-0.614 χ^2/NDF : 658219.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1675.500+/-0.418 χ^2/NDF : 850914.0/20

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: -368.637+/-401.527 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

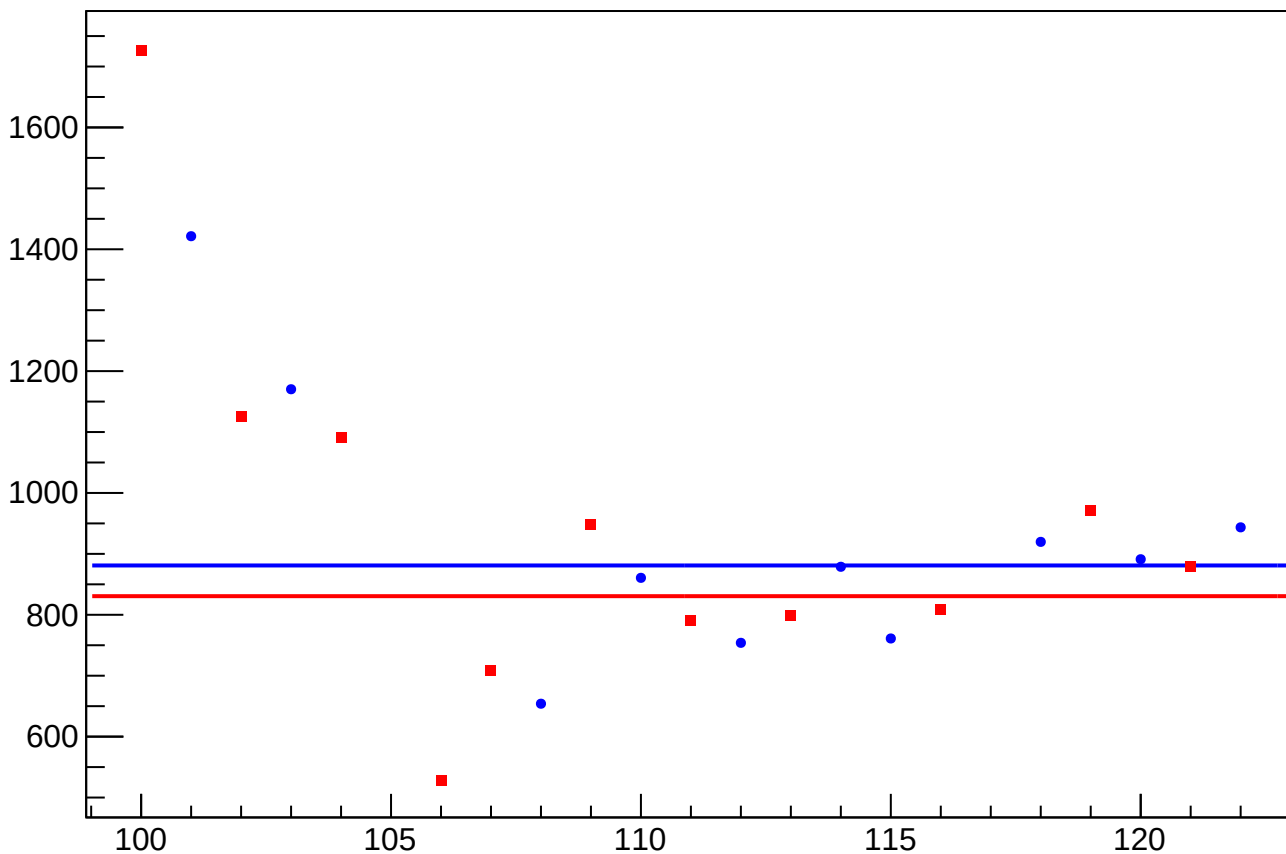
Right: -332.234+/-298.768 χ^2/NDF : 23.8/20

In: -287.078+/-447.197 χ^2/NDF :11.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -332.234+/-298.768 χ^2/NDF : 23.8/20

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: 830.562+/-0.284 χ^2/NDF : 459175.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

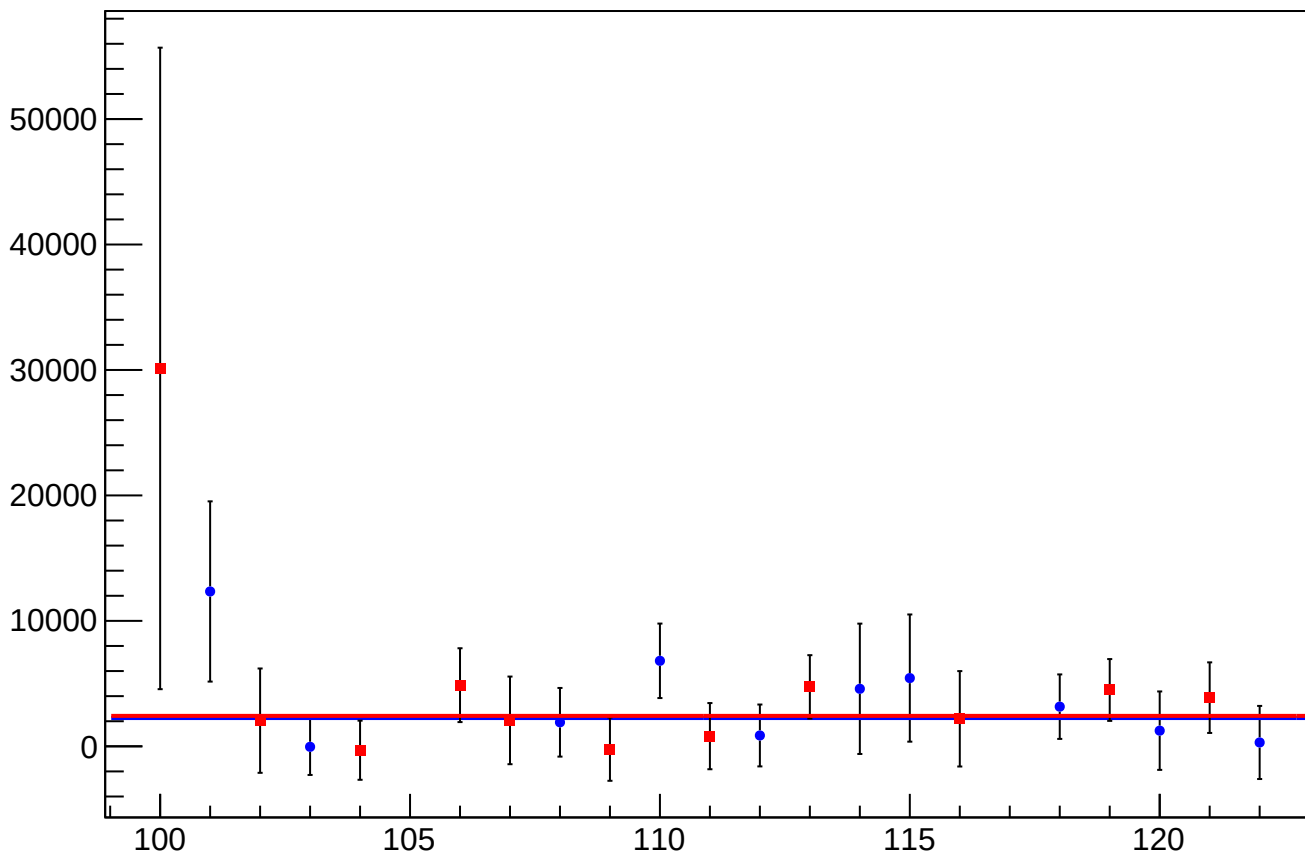
Right: 853.060+/-0.211 χ^2/NDF : 871378.5/20

In: 880.968+/-0.316 χ^2/NDF : 398135.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.060+/-0.211 χ^2/NDF : 871378.5/20

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: 2427.595+/-892.643 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

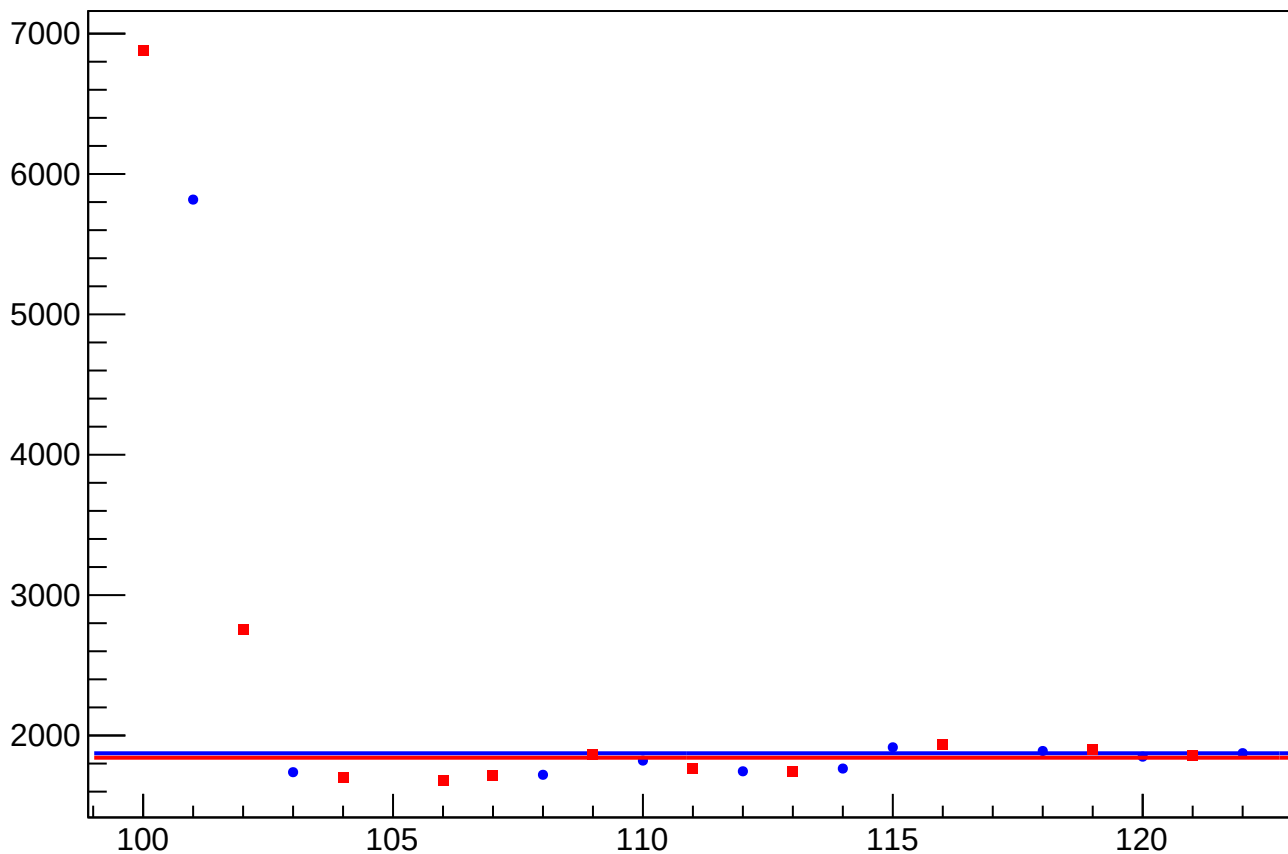
Right: 2347.353+/-654.839 χ^2/NDF : 13.5/20

In: 2253.850+/-963.584 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2347.353+/-654.839 χ^2/NDF : 13.5/20

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: 1841.759+/-0.631 χ^2 /NDF: 198000.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

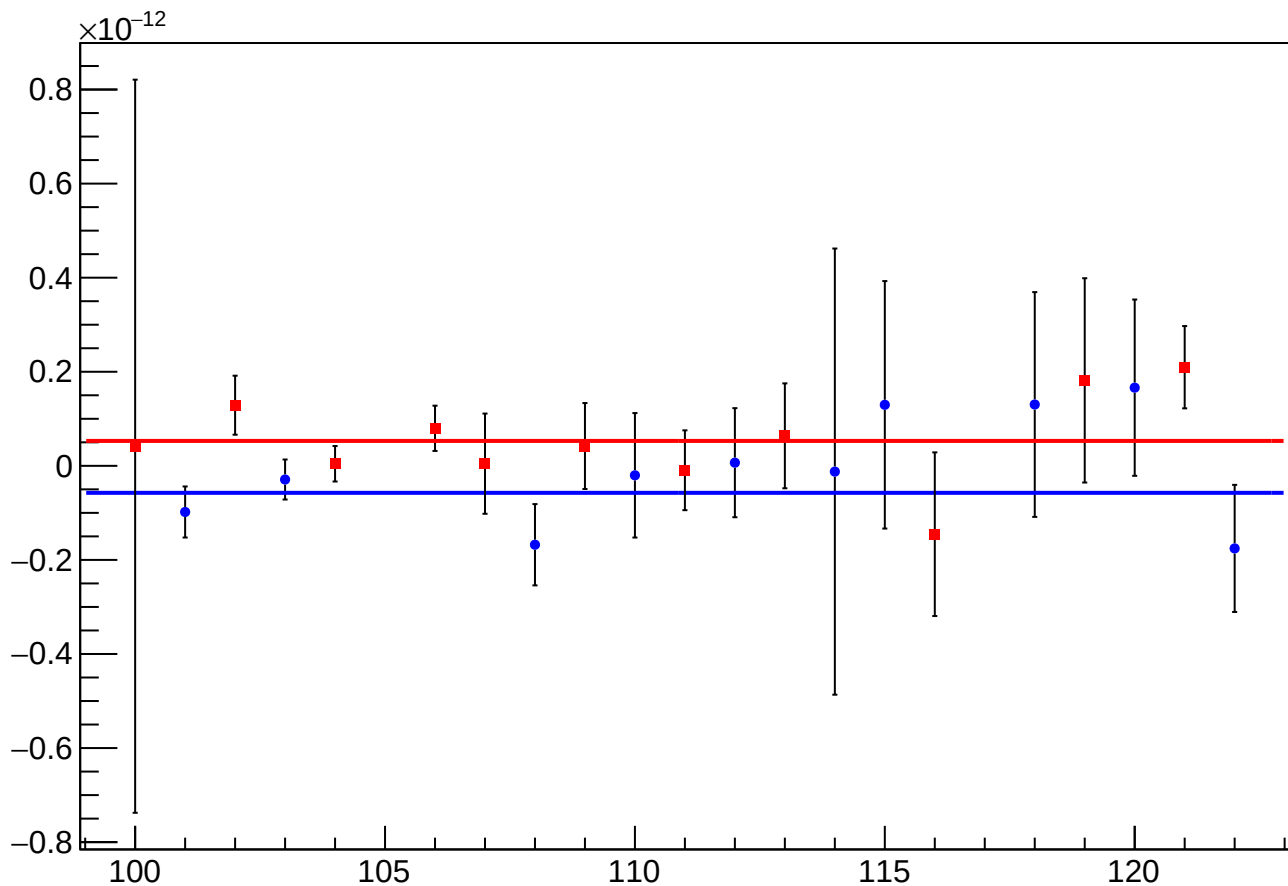
Right: 1856.272+/-0.463 χ^2 /NDF: 822835.6/20

In: 1873.183+/-0.681 χ^2 /NDF:623690.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1856.272+/-0.463 χ^2 /NDF: 822835.6/20

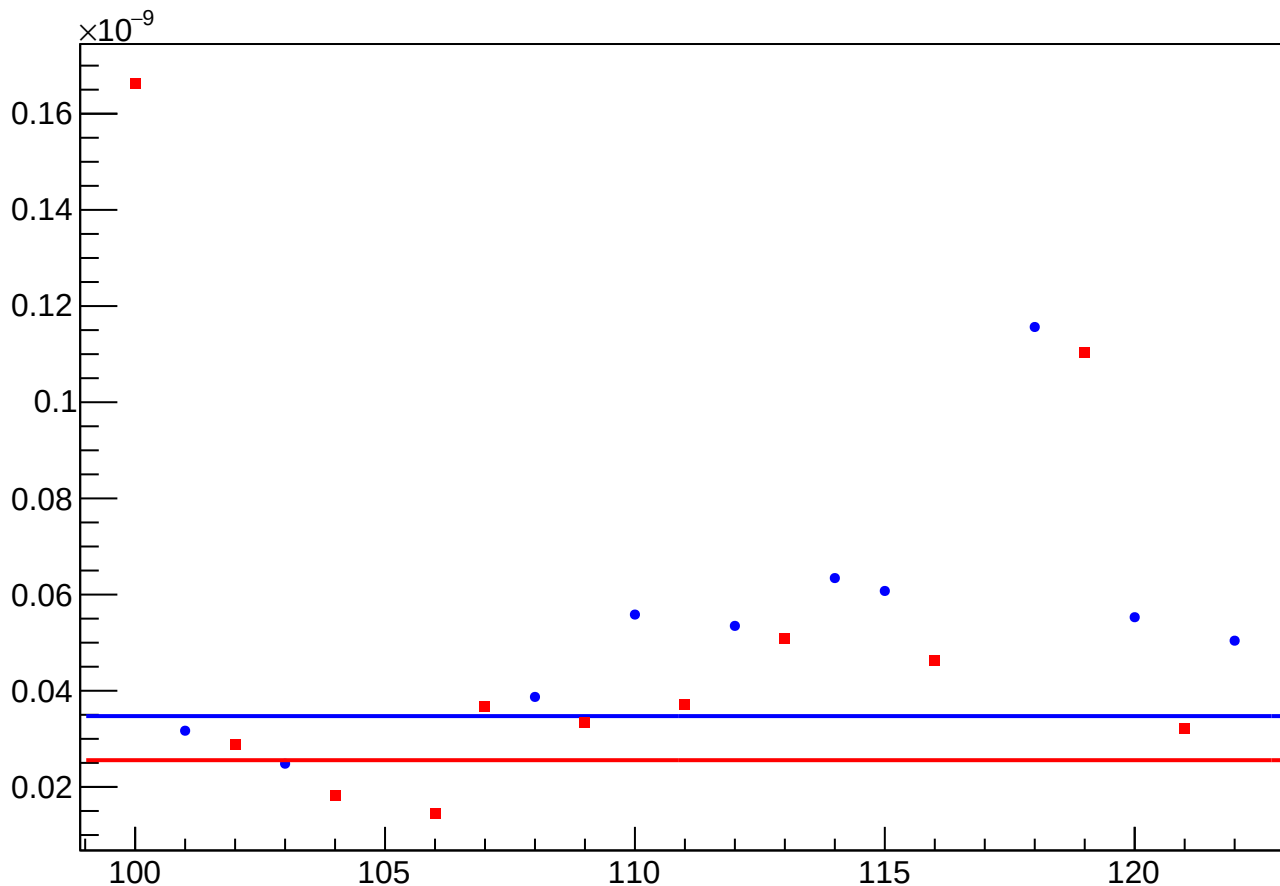
asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 9.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 24.9/20
 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 : 24.9/20

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 : 775536.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

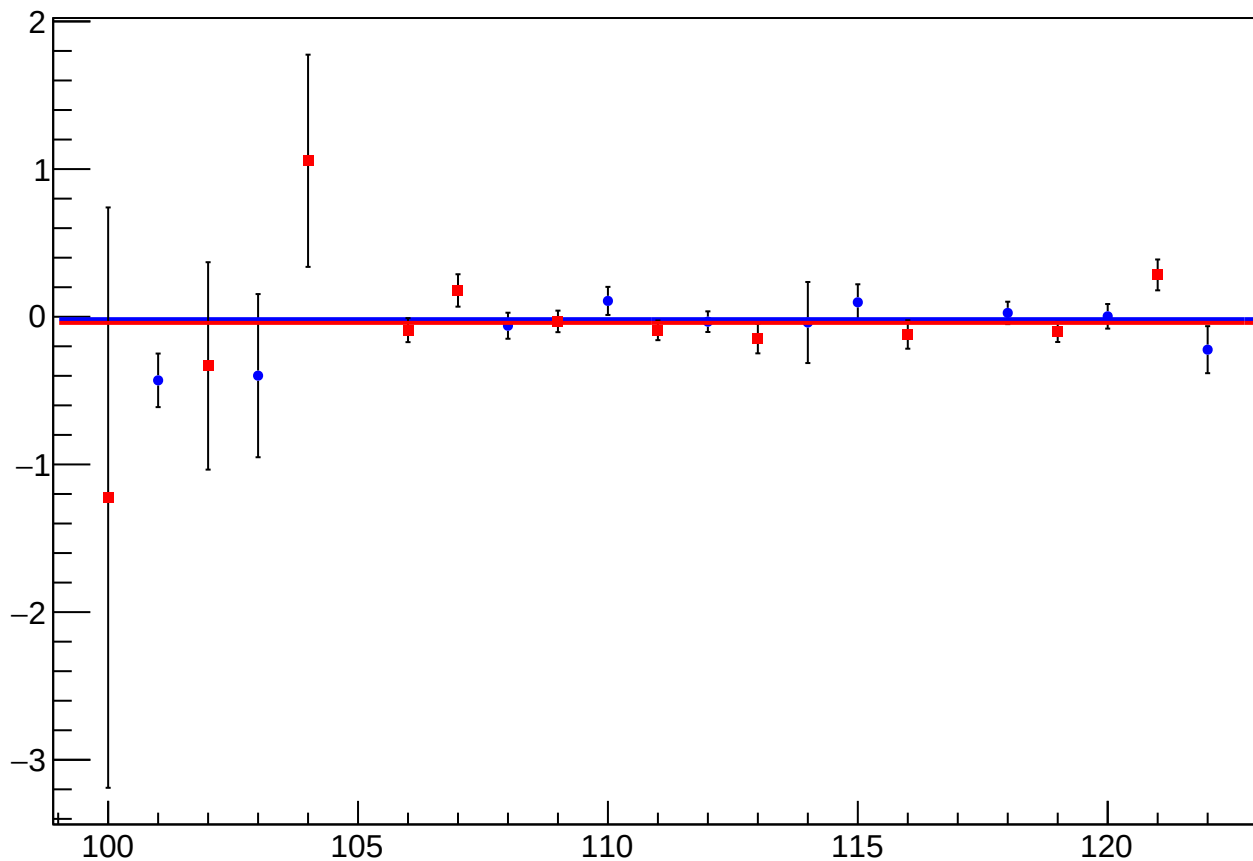
Right: 0.000+/-0.000 χ^2/NDF : 1436018.5/20

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 : 1436018.5/20

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 : 20.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

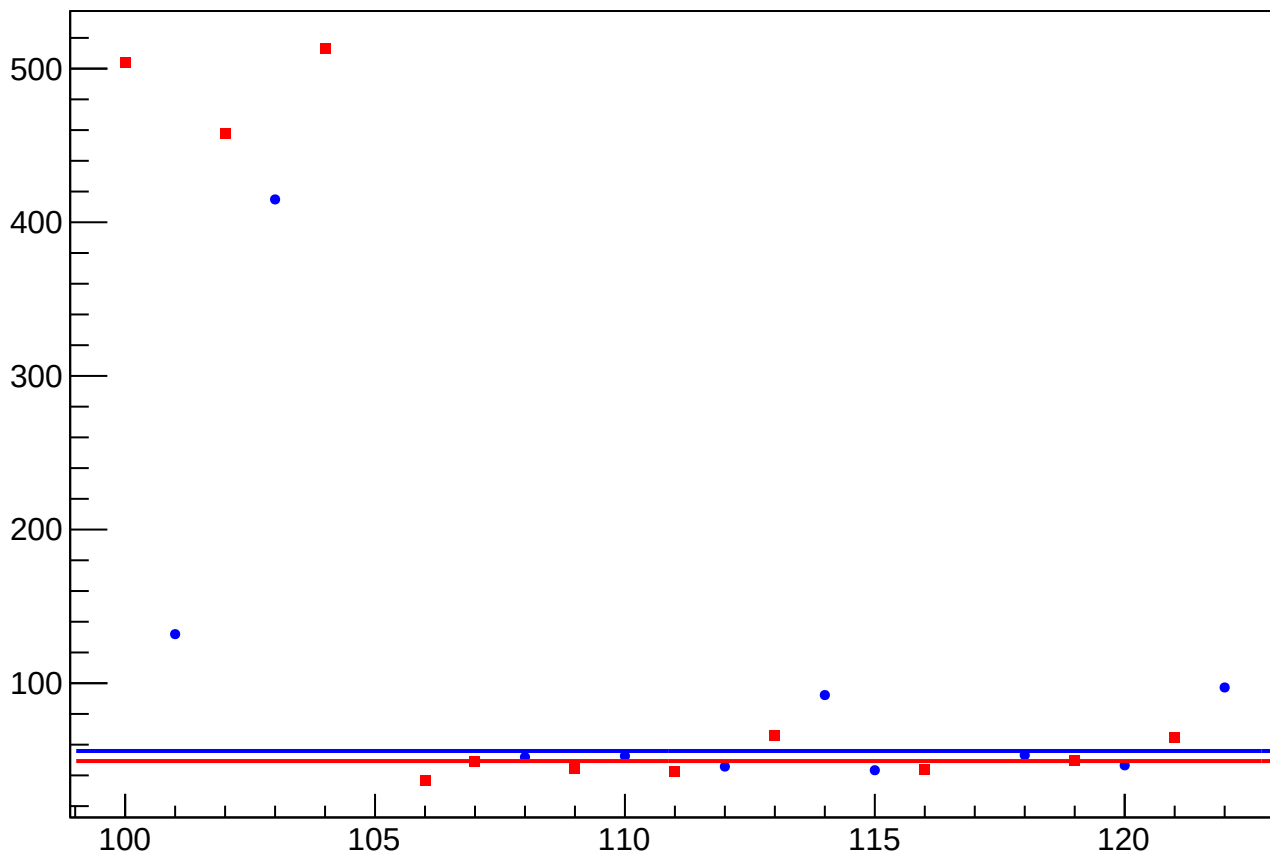
Right: -0.030+/-0.022 χ^2/NDF : 31.0/20

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 : 31.0/20

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: 49.341+/-0.021 χ^2/NDF : 1802146.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

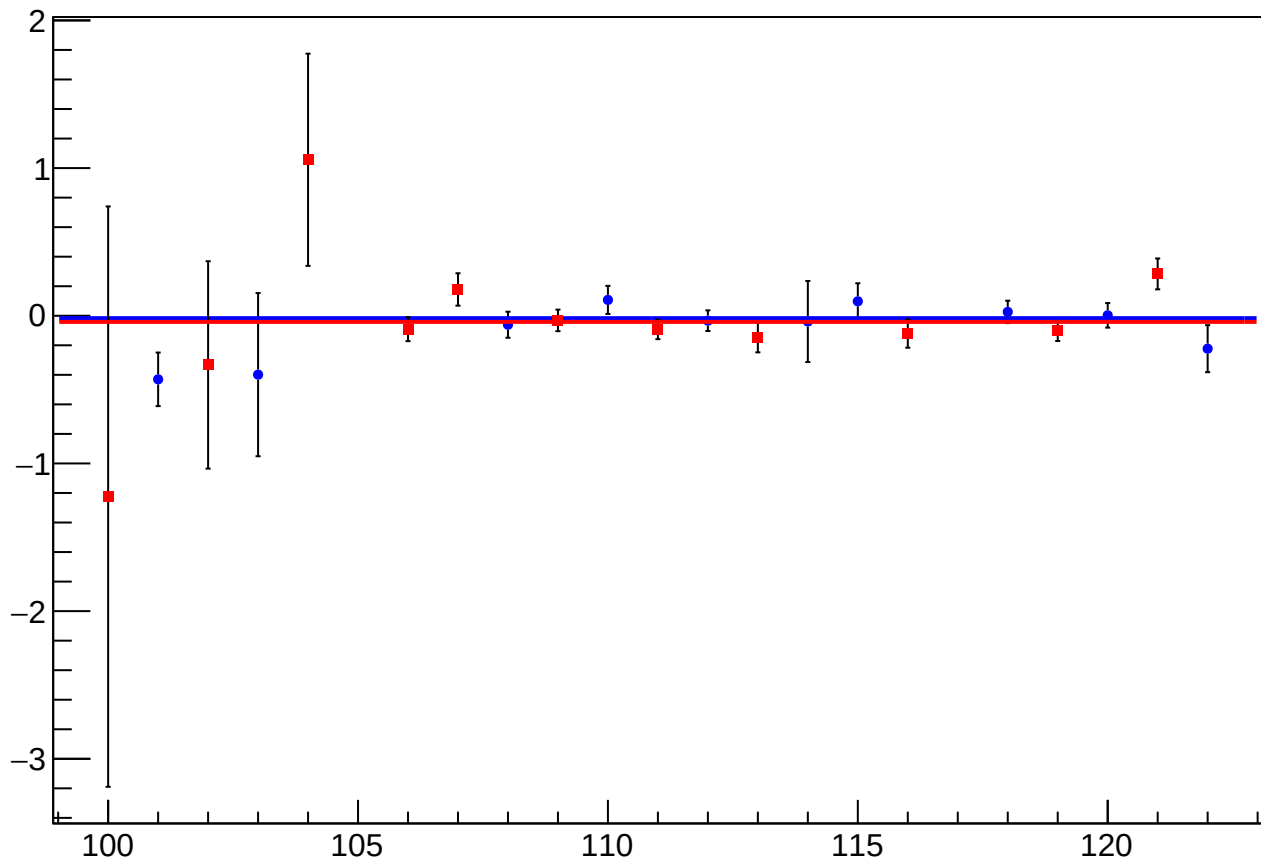
Right: 52.218+/-0.015 χ^2/NDF : 3309454.3/20

In: 55.884+/-0.023 χ^2/NDF :1463363.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.218+/-0.015 χ^2/NDF : 3309454.3/20

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: 20.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

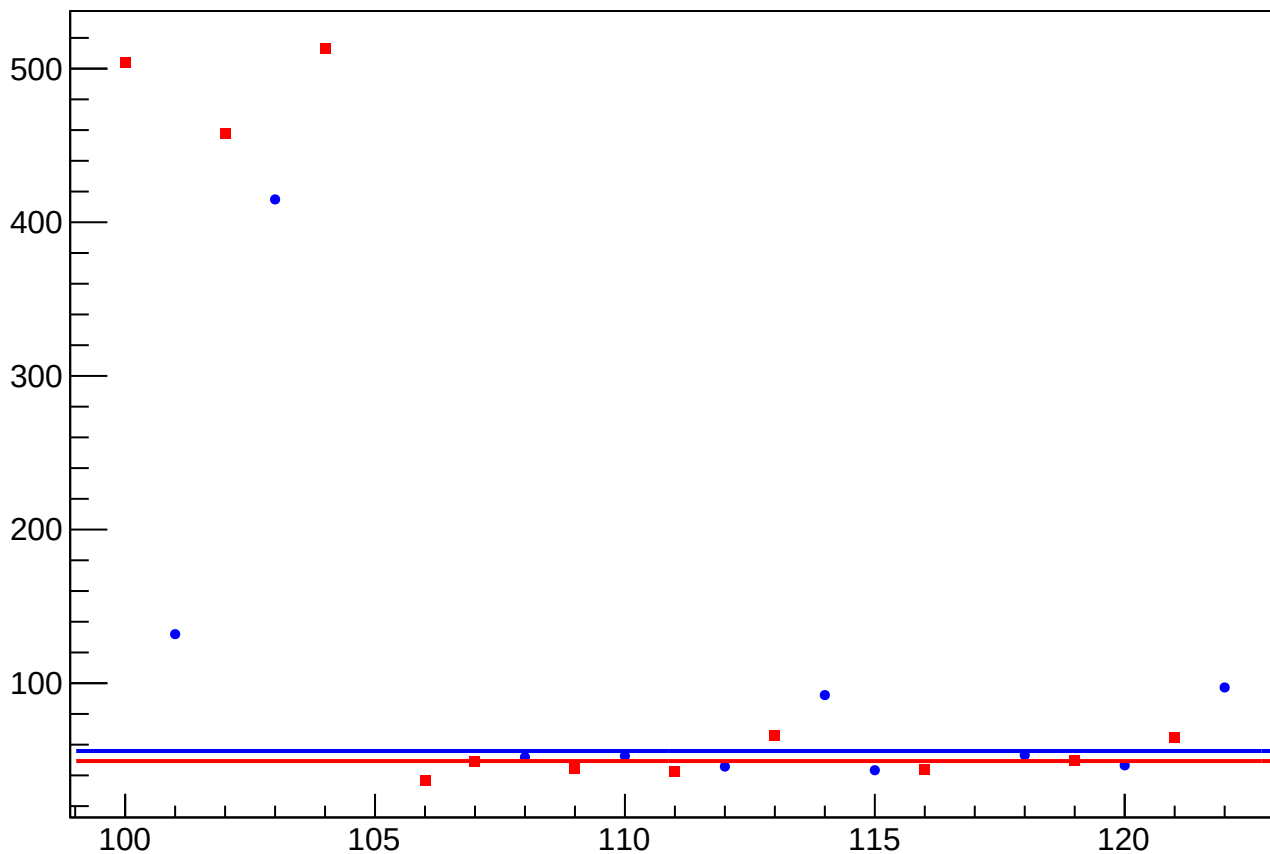
Right: -0.030+/-0.022 χ^2 /NDF: 31.0/20

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: 31.0/20

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: 49.341+/-0.021 χ^2/NDF : 1802146.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

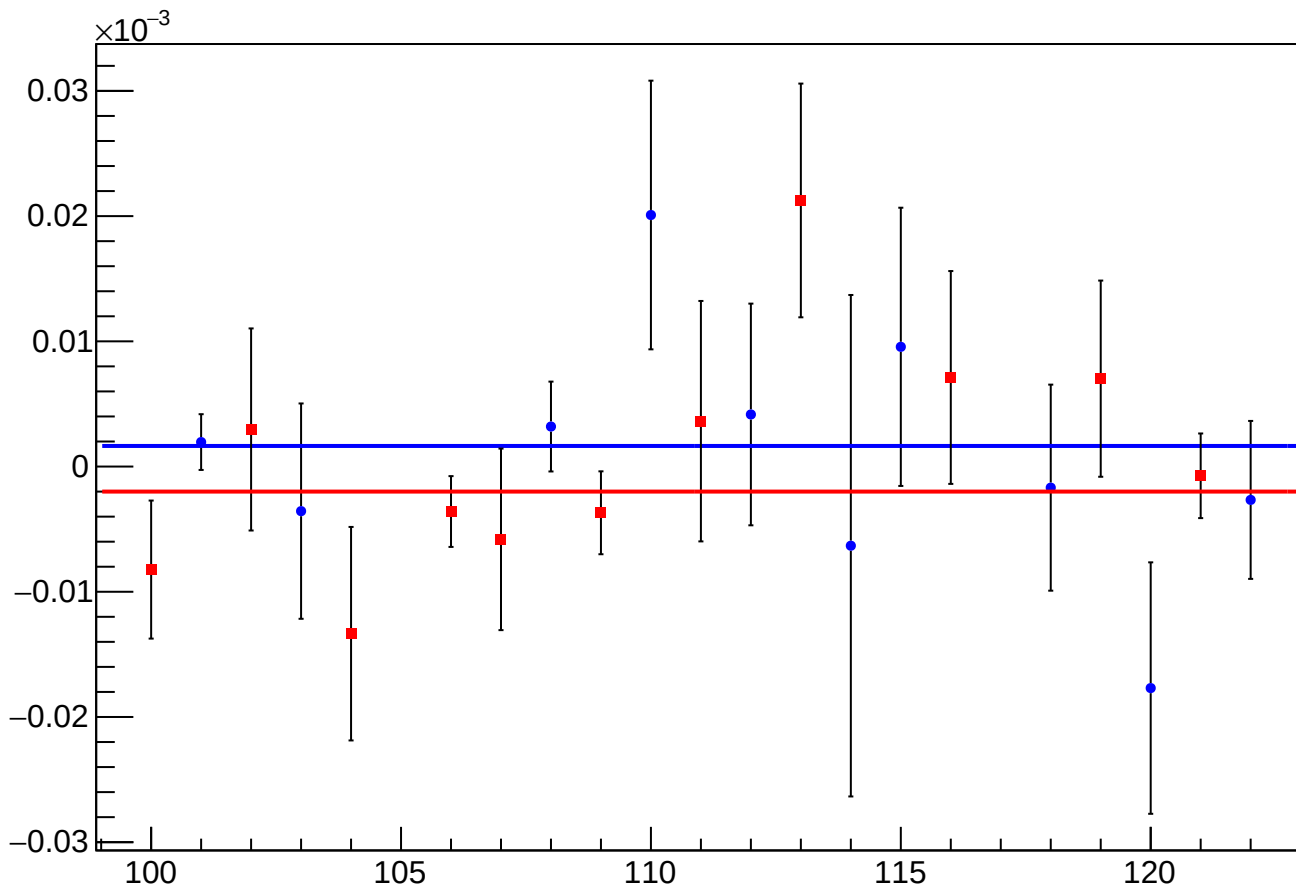
Right: 52.218+/-0.015 χ^2/NDF : 3309454.3/20

In: 55.884+/-0.023 χ^2/NDF : 1463363.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.218+/-0.015 χ^2/NDF : 3309454.3/20

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 : 13.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

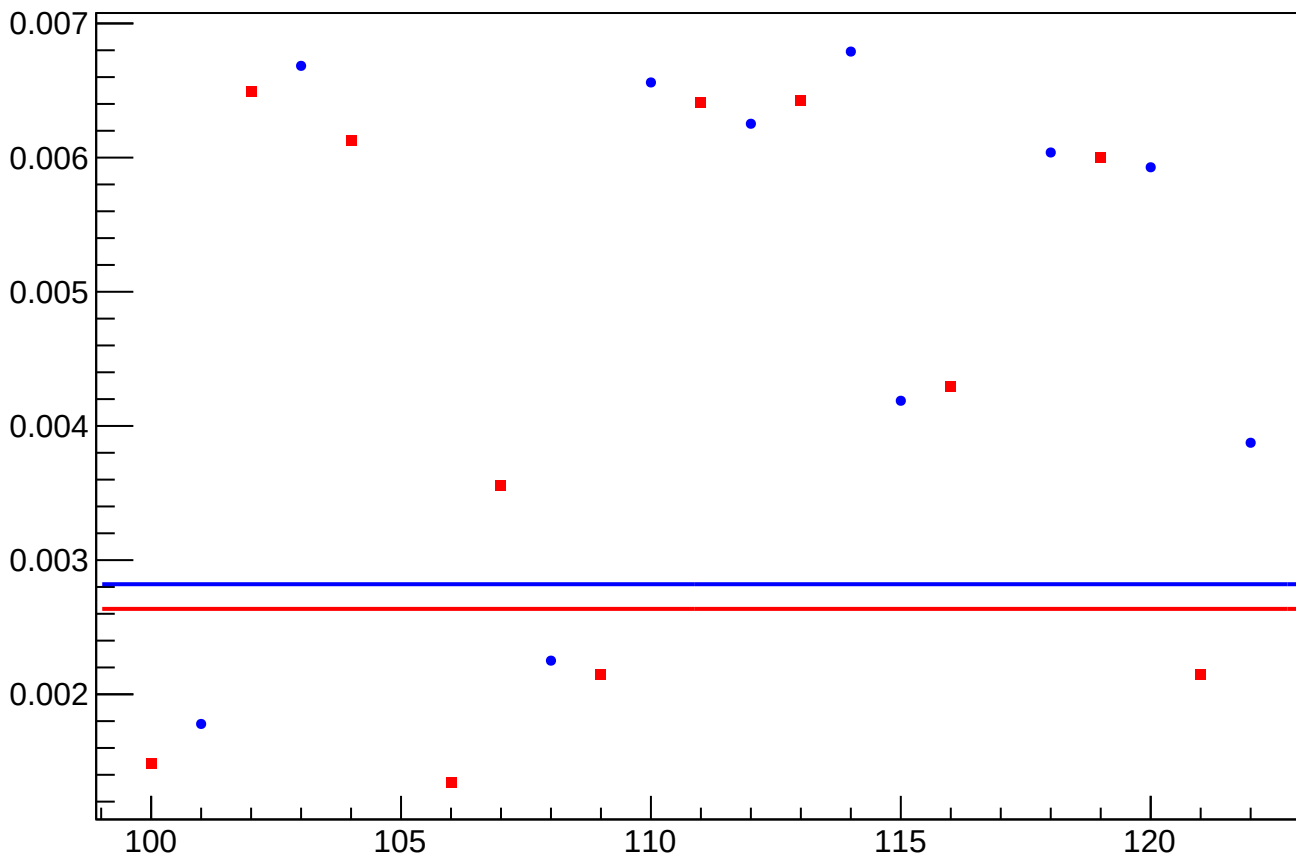
Right: -0.000+/-0.000 χ^2/NDF : 24.7/20

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 : 24.7/20

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 : 2499254.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

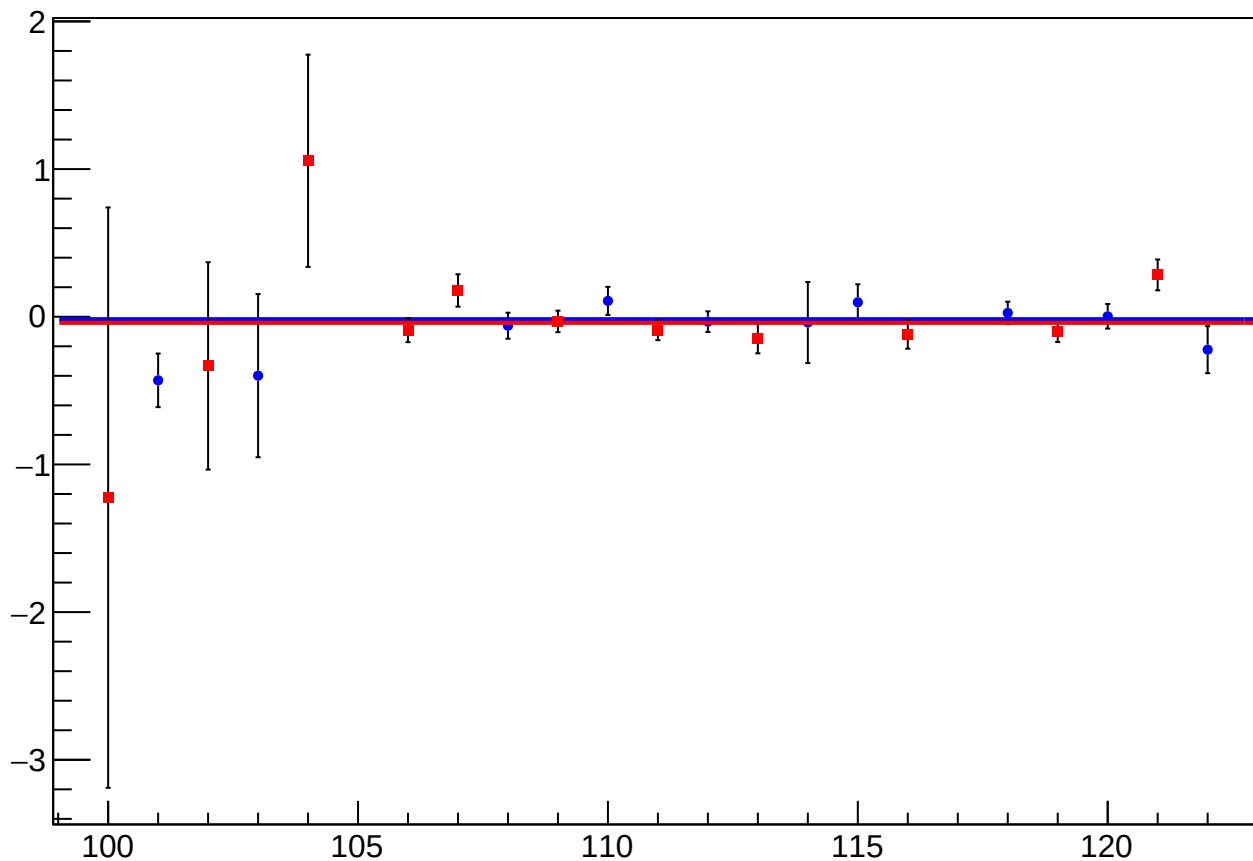
Right: 0.003+/-0.000 χ^2/NDF : 4610490.6/20

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 : 4610490.6/20

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: 20.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

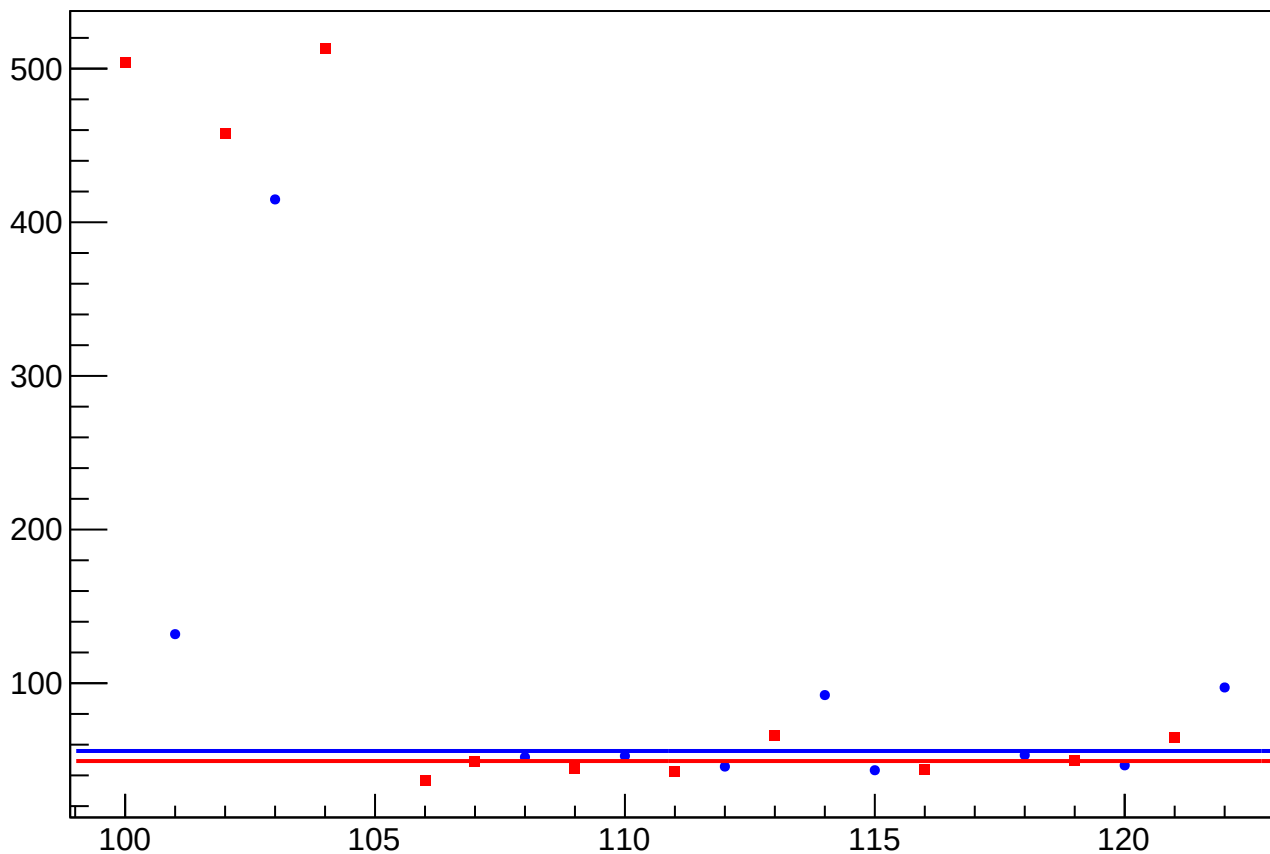
Right: -0.030+/-0.022 χ^2 /NDF: 31.0/20

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: 31.0/20

asym_usr_atr1_avg_eigen_dit_vs_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: 49.341+/-0.021 χ^2/NDF : 1802112.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

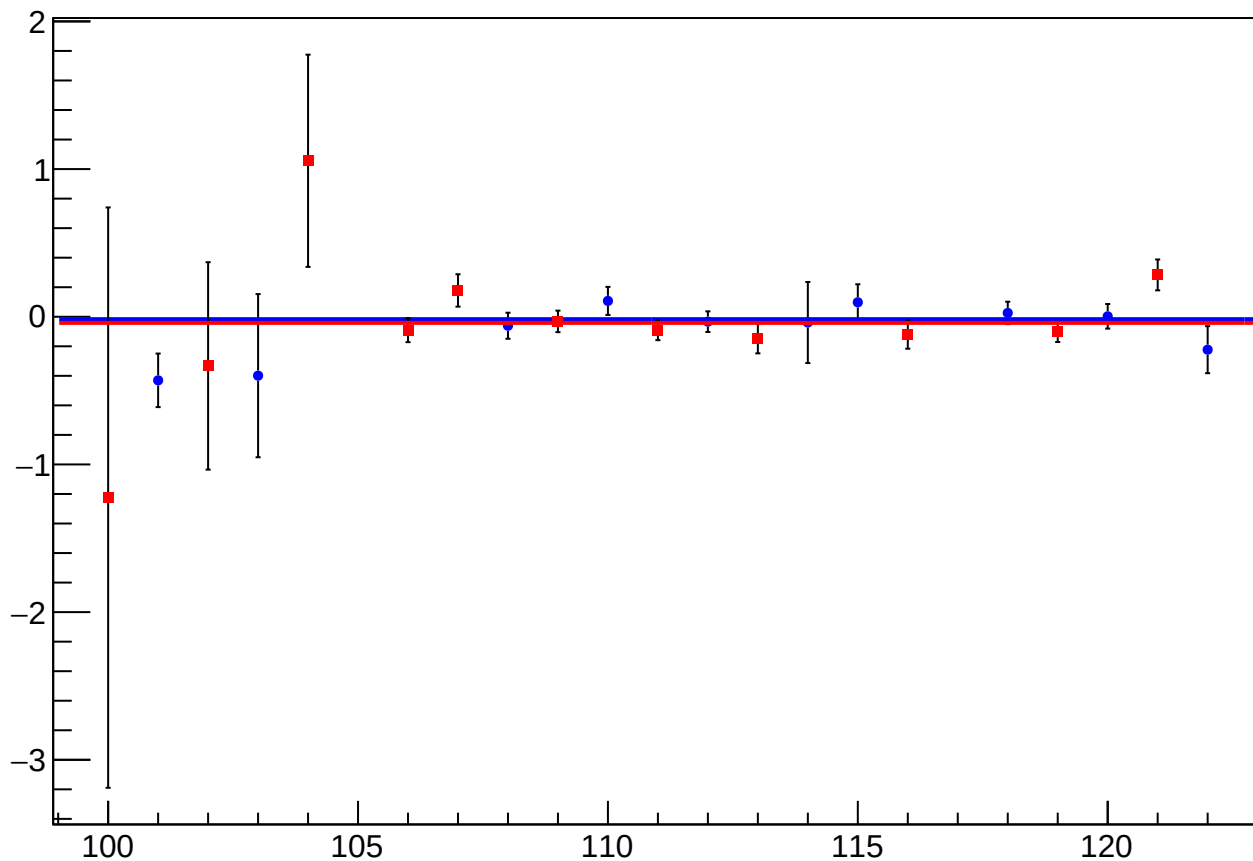
Right: 52.218+/-0.015 χ^2/NDF : 3309413.6/20

In: 55.885+/-0.023 χ^2/NDF : 1463343.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.218+/-0.015 χ^2/NDF : 3309413.6/20

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: 20.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

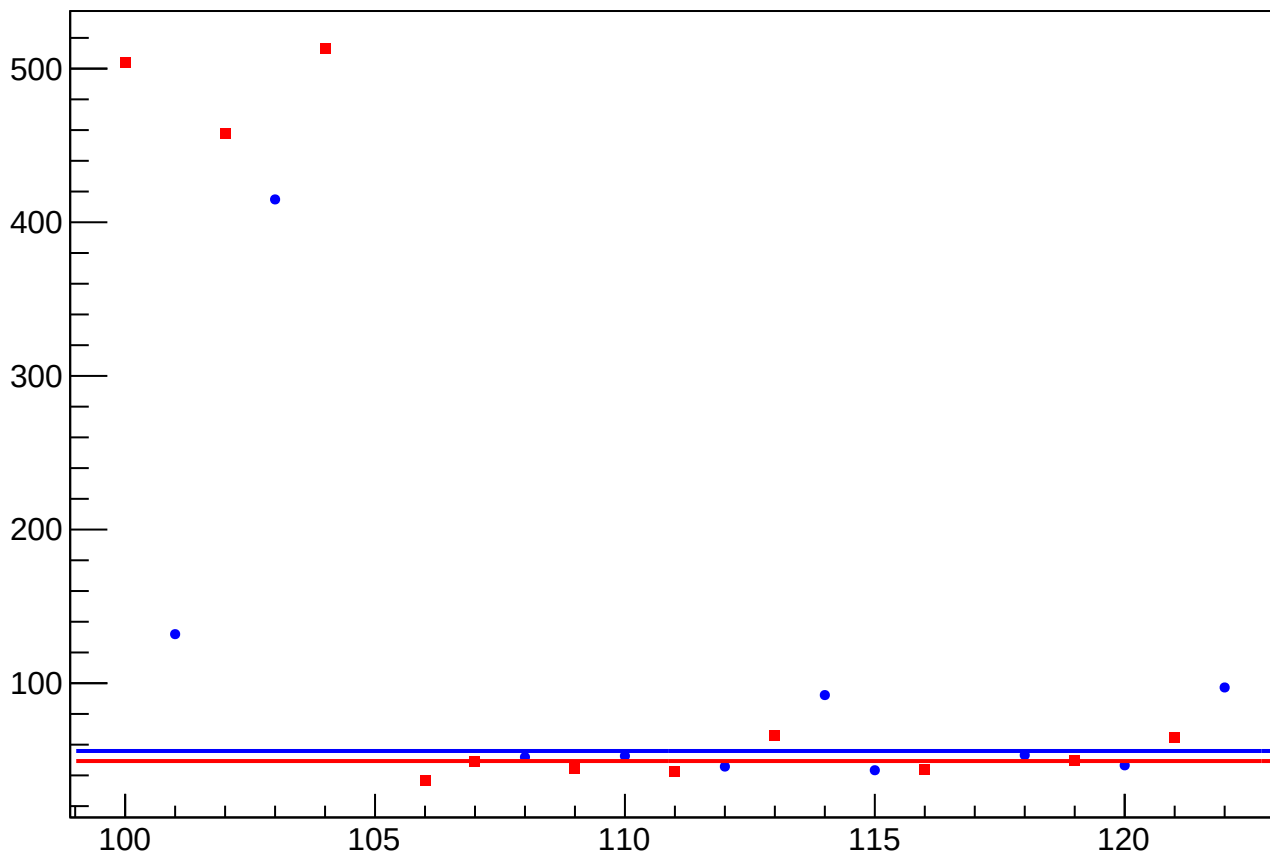
Right: -0.030+/-0.022 χ^2 /NDF: 31.0/20

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: 31.0/20

asym_usr_atr1_avg_eigen_dit_vs_eigen_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: 49.341 $\pm$ 0.021 χ^2 /NDF: 1802112.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

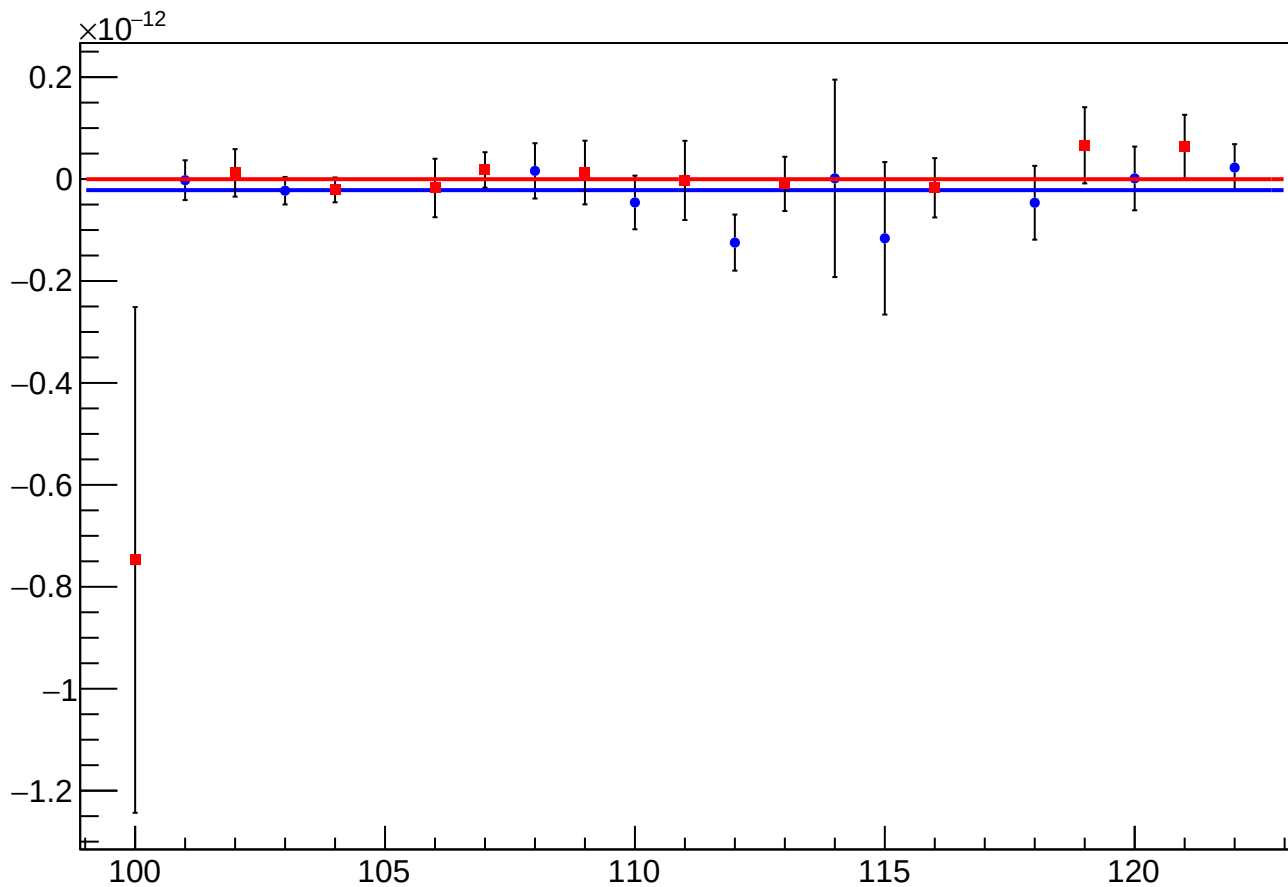
Right: 52.218 $\pm$ 0.015 χ^2 /NDF: 3309413.6/20

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: 52.218 $\pm$ 0.015 χ^2 /NDF: 3309413.6/20

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 : 5.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

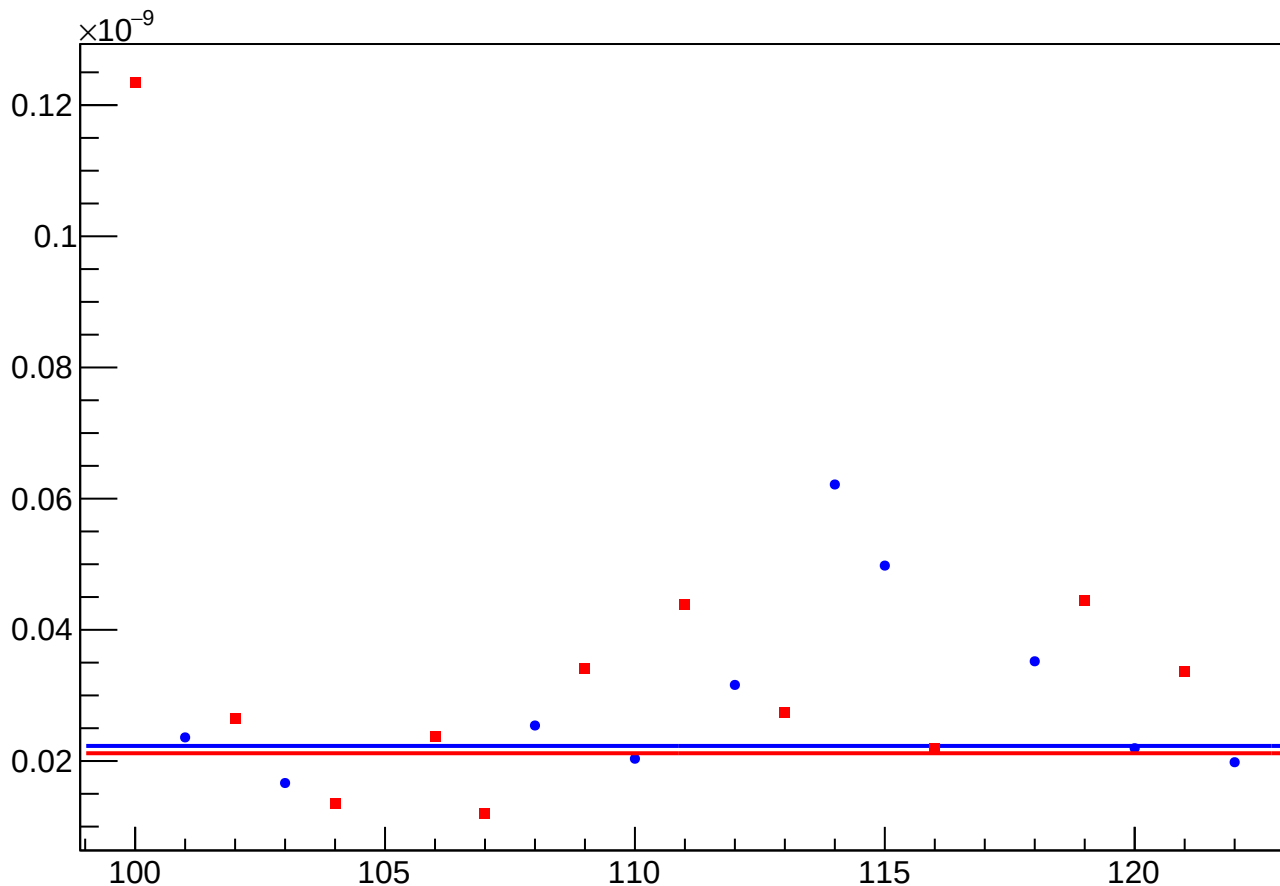
Right: -0.000+/-0.000 χ^2/NDF : 12.5/20

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 : 12.5/20

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 : 1007050.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

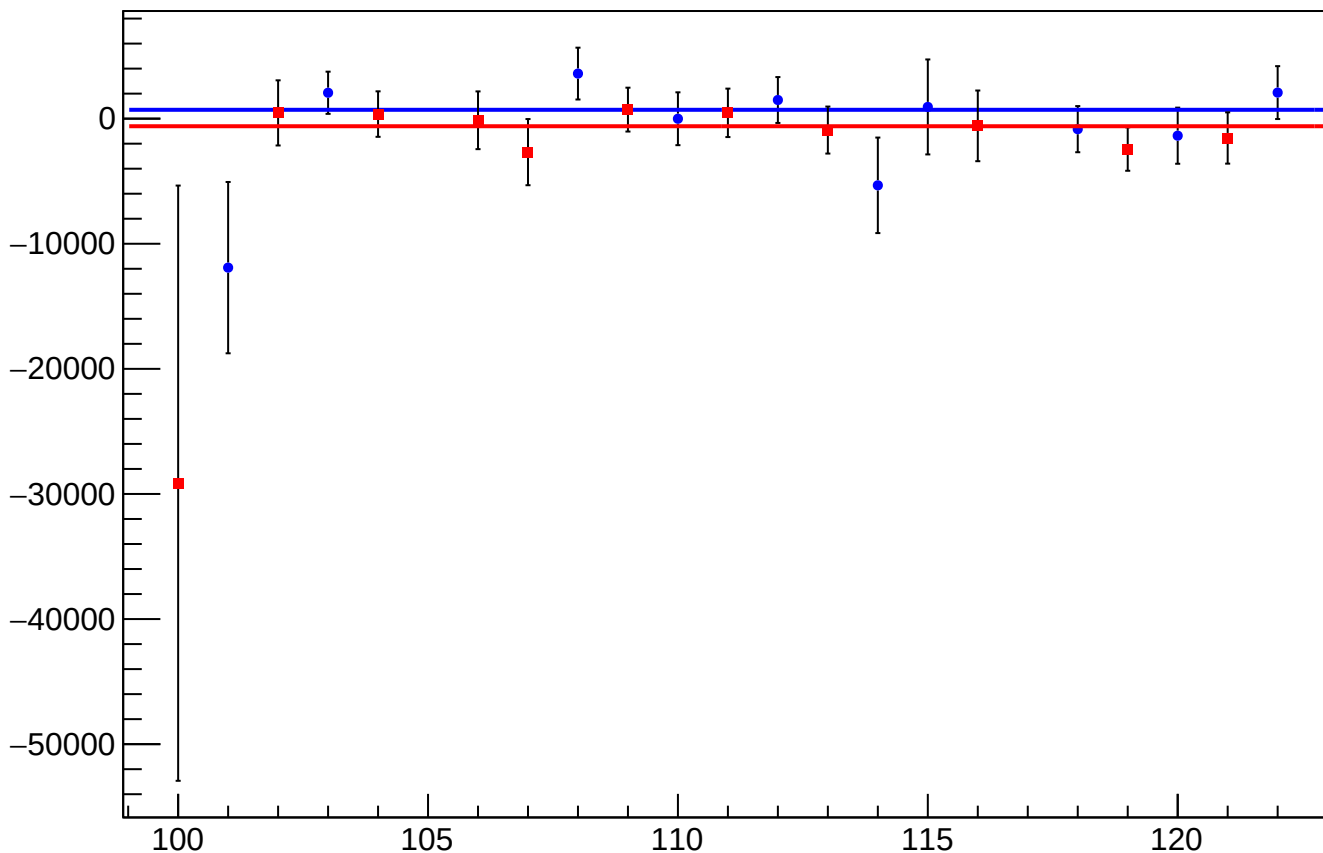
Right: 0.000+/-0.000 χ^2/NDF : 1390726.8/20

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 : 1390726.8/20

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: -606.445+/-651.864 χ^2/NDF : 4.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

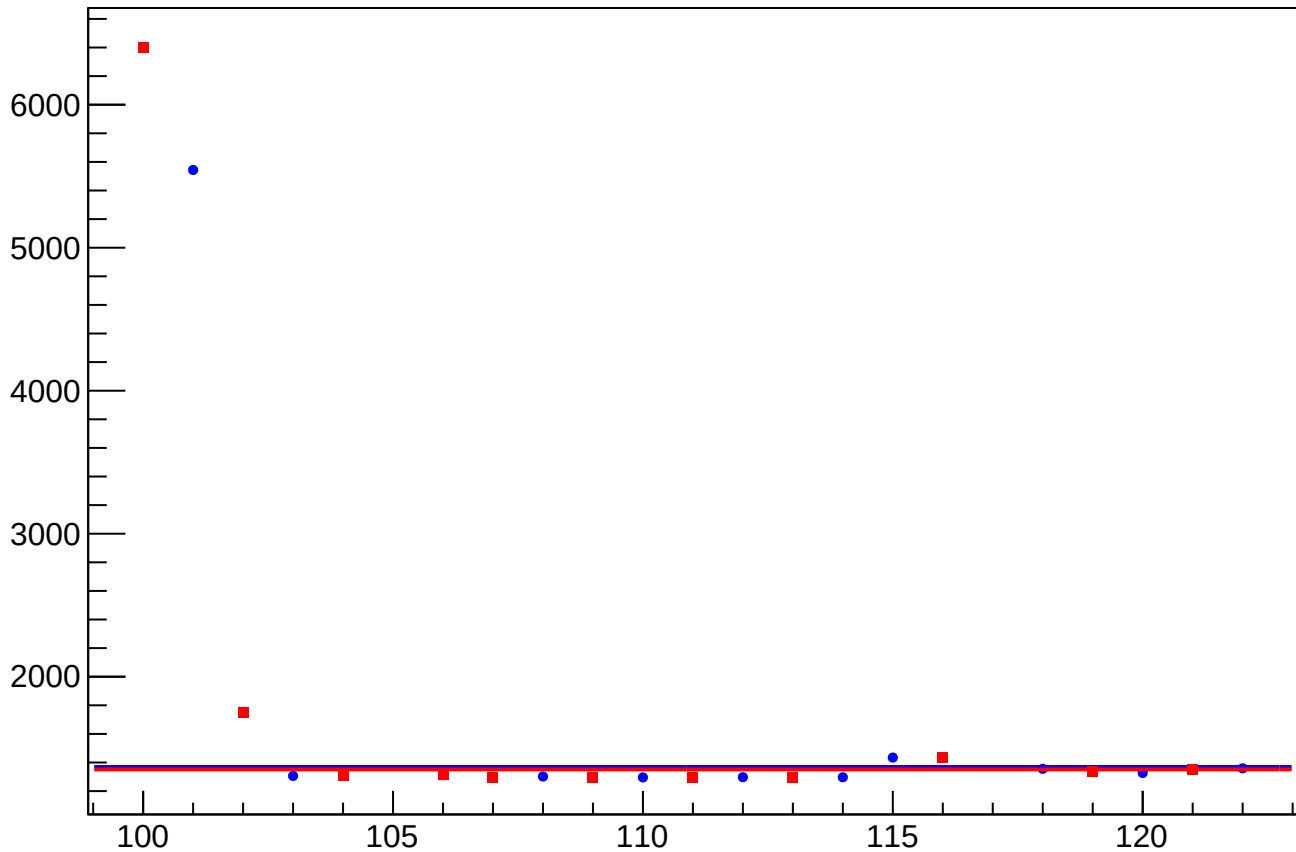
Right: -5.587+/-480.245 χ^2/NDF : 17.4/20

In: 707.669+/-710.222 χ^2/NDF :10.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.587+/-480.245 χ^2/NDF : 17.4/20

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: 1351.509+/-0.461 χ^2/NDF : 146477.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

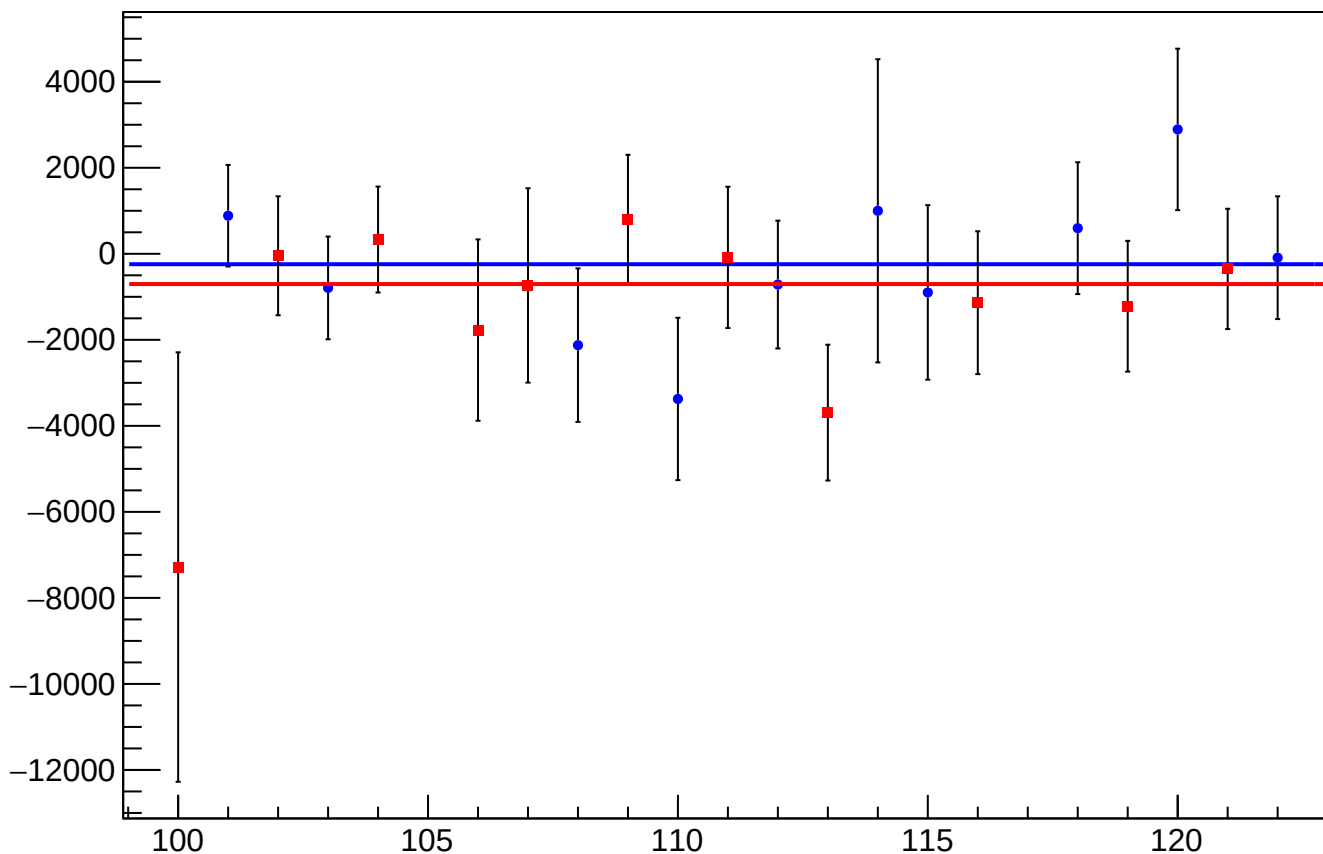
Right: 1359.234+/-0.340 χ^2/NDF : 903097.8/20

In: 1368.403+/-0.502 χ^2/NDF : 756006.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.234+/-0.340 χ^2/NDF : 903097.8/20

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: -703.579+/-490.308 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

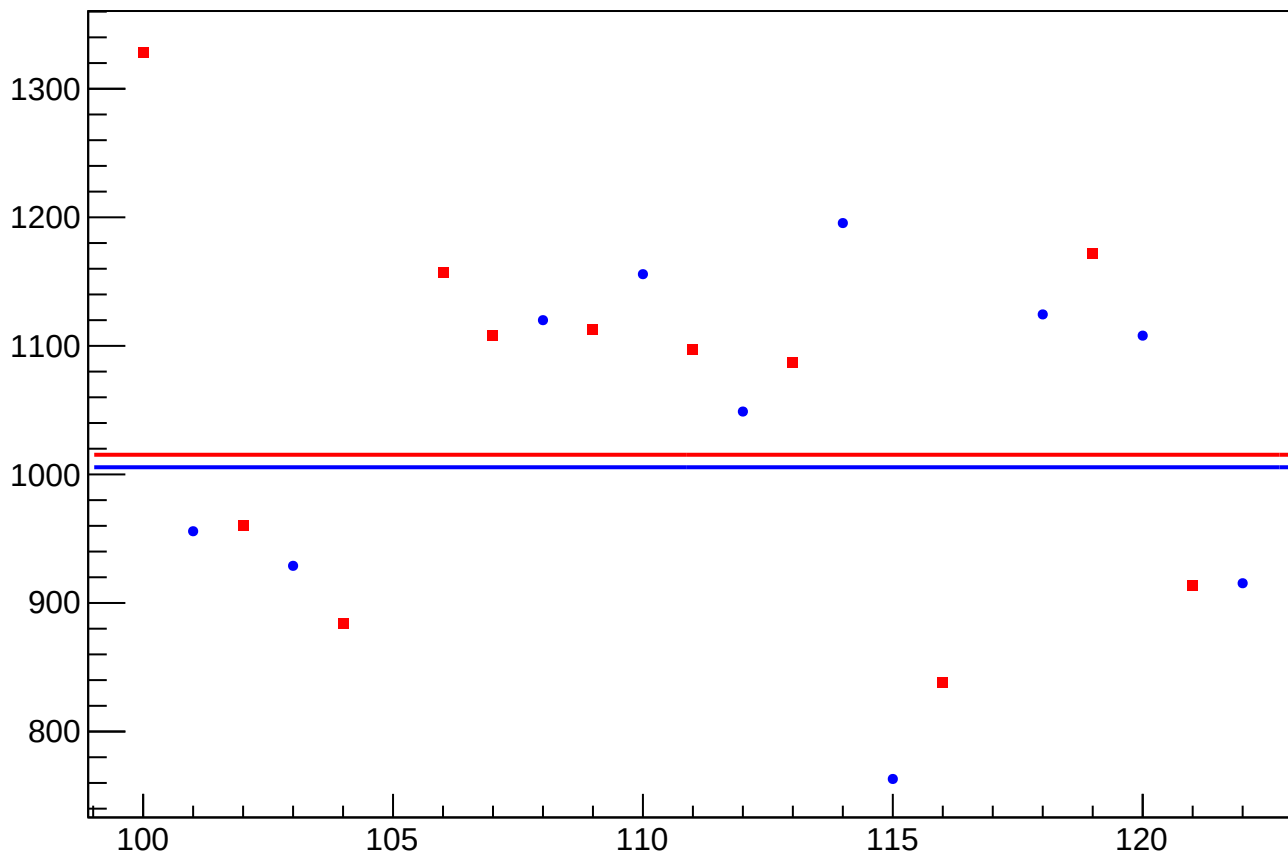
Right: -477.632+/-350.279 χ^2/NDF : 16.7/20

In: -242.107+/-500.592 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -477.632+/-350.279 χ^2/NDF : 16.7/20

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: 1015.297+/-0.347 χ^2/NDF : 118354.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

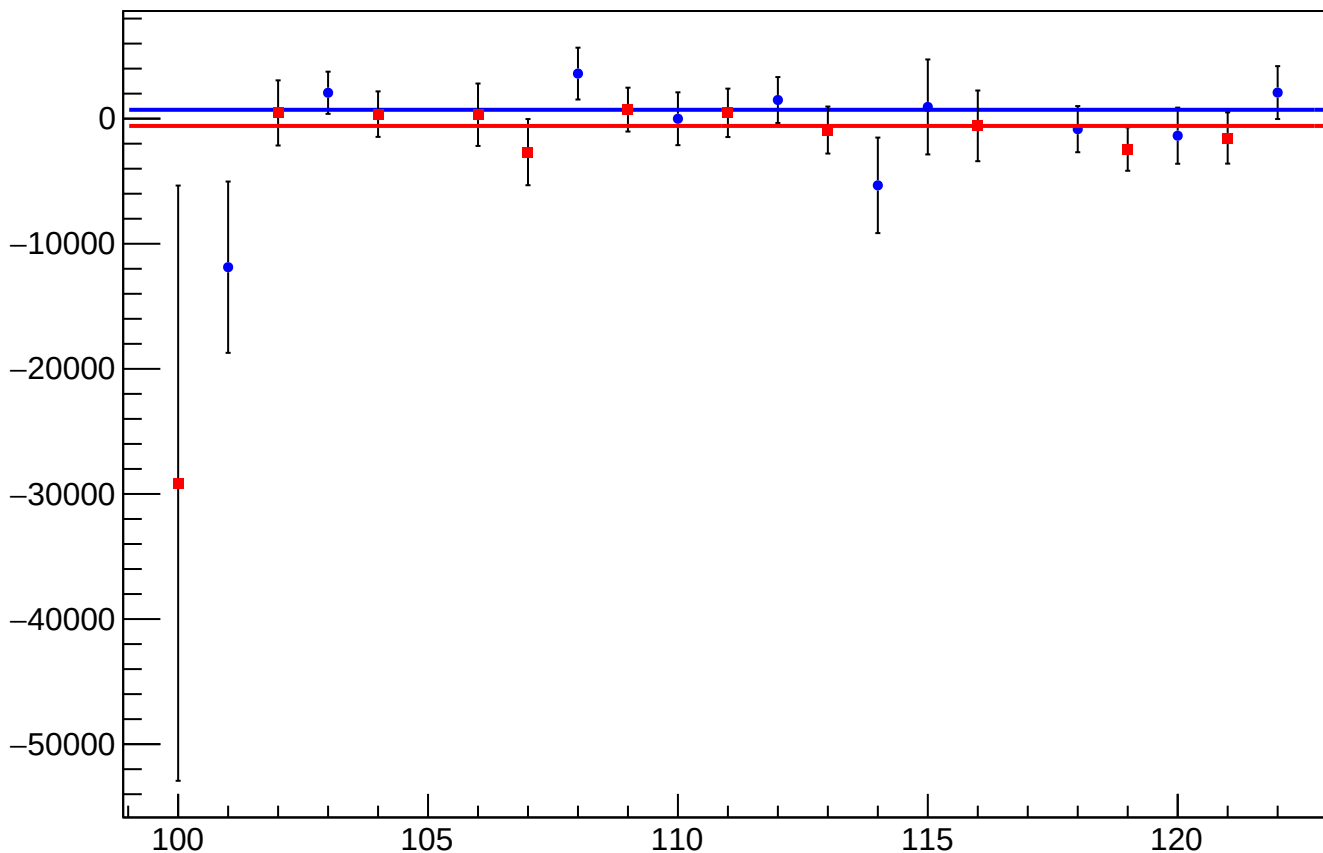
Right: 1010.539+/-0.248 χ^2/NDF : 213481.9/20

In: 1005.579+/-0.354 χ^2/NDF :94743.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1010.539+/-0.248 χ^2/NDF : 213481.9/20

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: -581.932+/-655.644 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

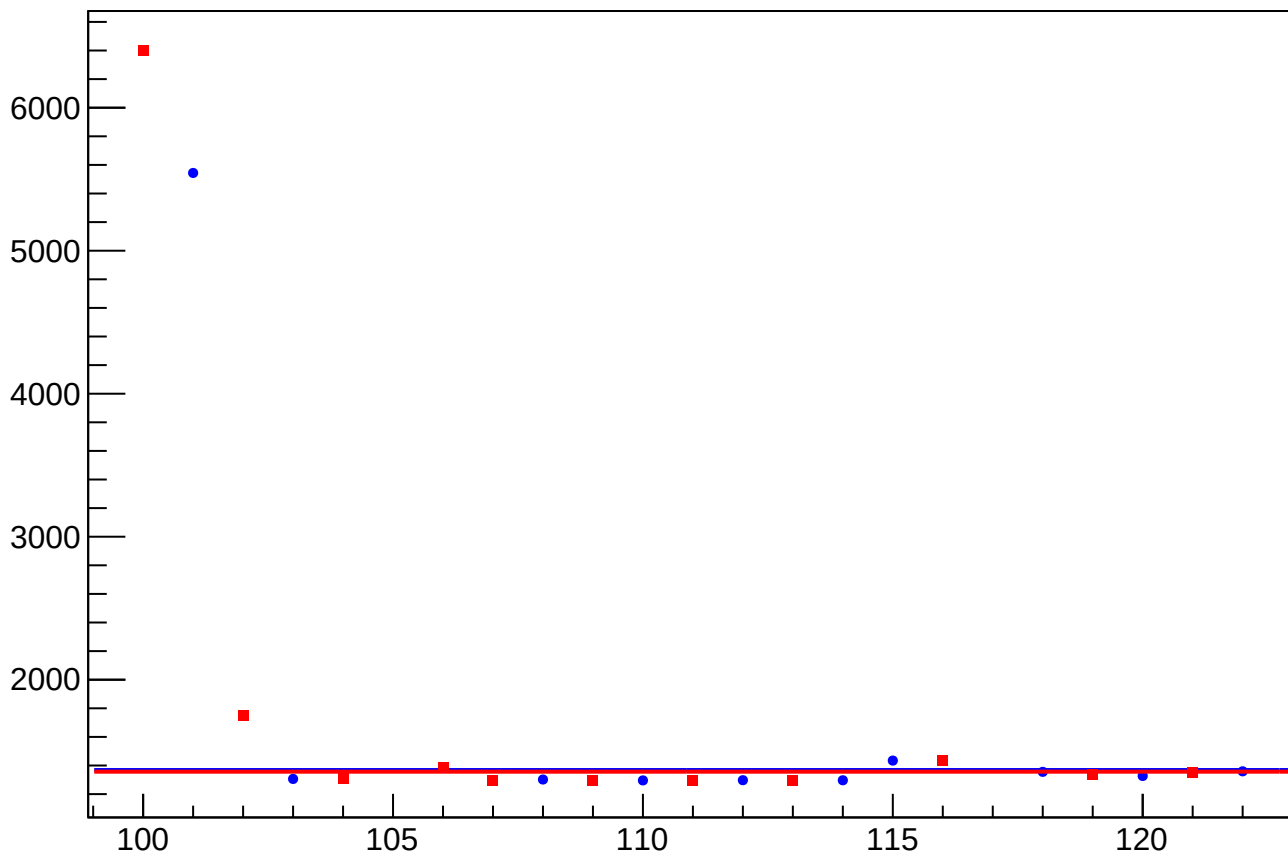
Right: 11.626+/-481.751 χ^2/NDF : 17.4/20

In: 708.116+/-710.222 χ^2/NDF :10.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11.626+/-481.751 χ^2/NDF : 17.4/20

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: 1356.826+/-0.464 χ^2/NDF : 146358.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

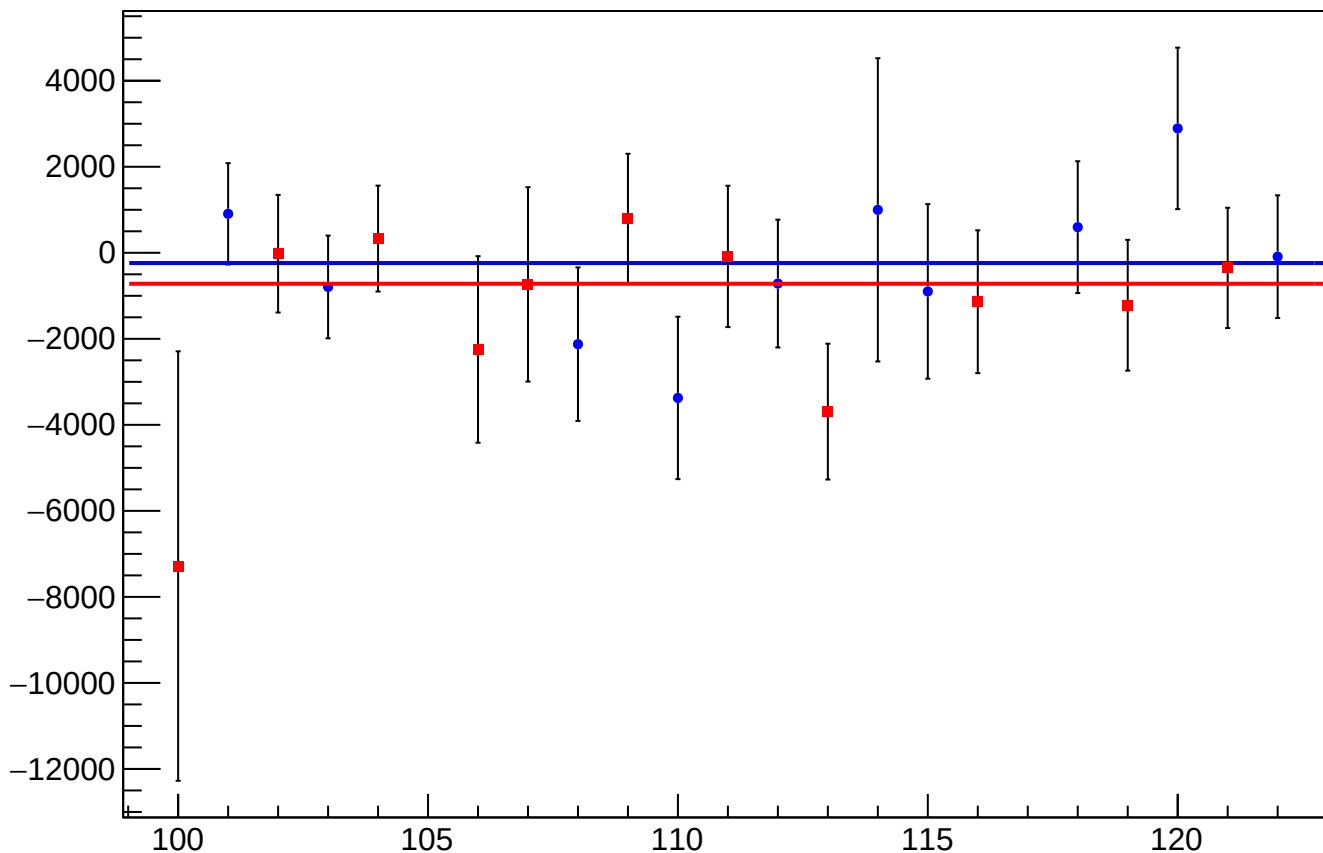
Right: 1362.153+/-0.341 χ^2/NDF : 902650.4/20

In: 1368.403+/-0.502 χ^2/NDF : 756005.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.153+/-0.341 χ^2/NDF : 902650.4/20

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: -719.598+/-490.329 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

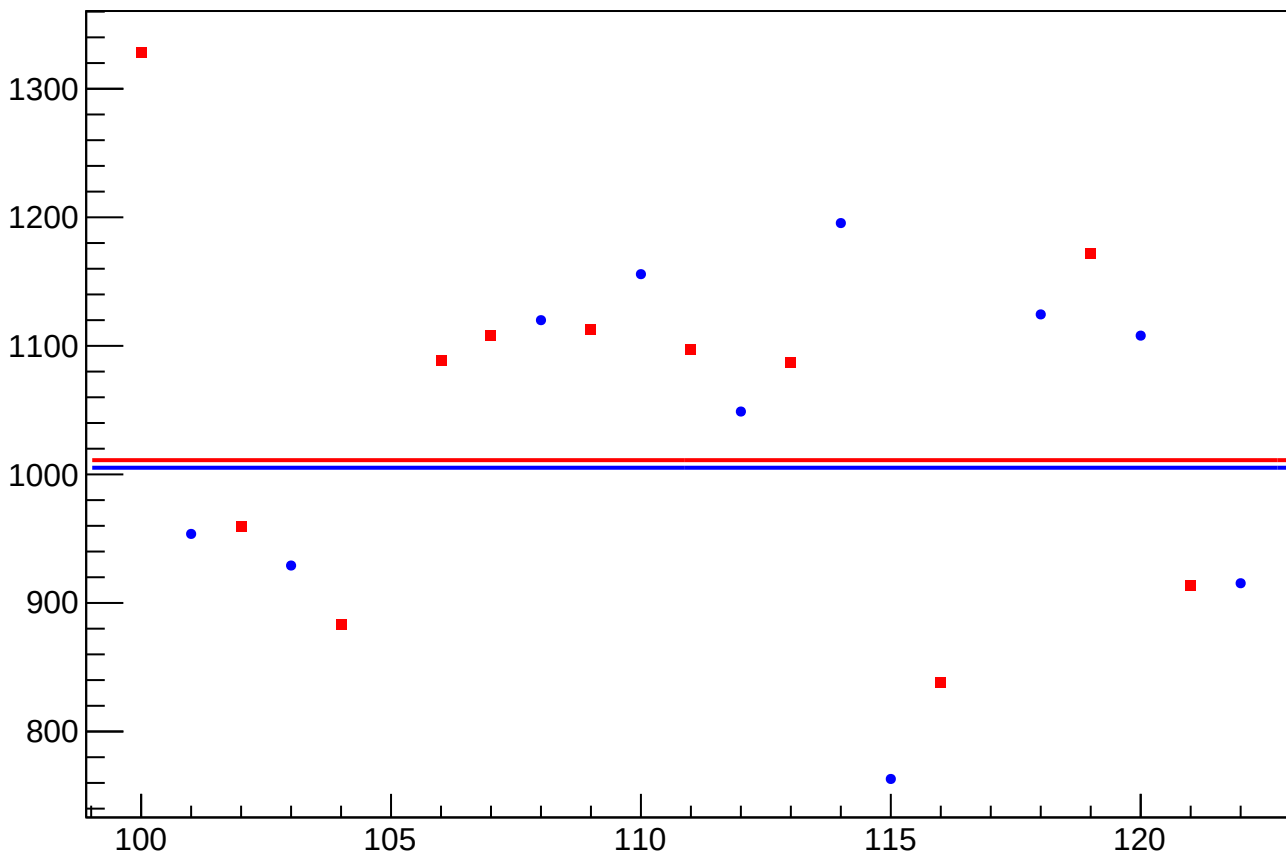
Right: -483.591+/-350.223 χ^2/NDF : 17.1/20

In: -237.784+/-500.406 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.591+/-350.223 χ^2/NDF : 17.1/20

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: 1011.087+/-0.347 χ^2/NDF : 111640.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

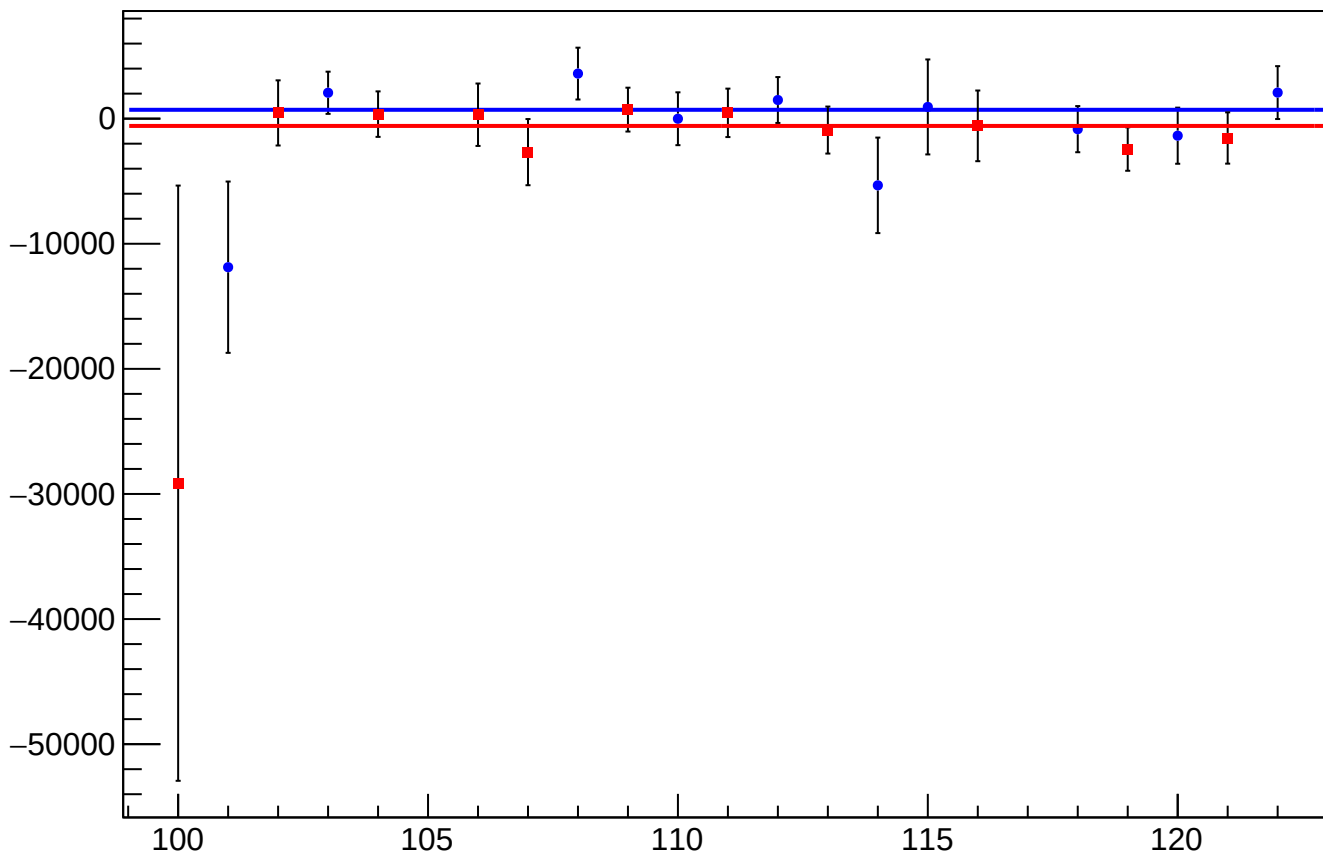
Right: 1008.202+/-0.248 χ^2/NDF : 206805.5/20

In: 1005.197+/-0.354 χ^2/NDF : 95024.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.202+/-0.248 χ^2/NDF : 206805.5/20

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: -581.932+/-655.644 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

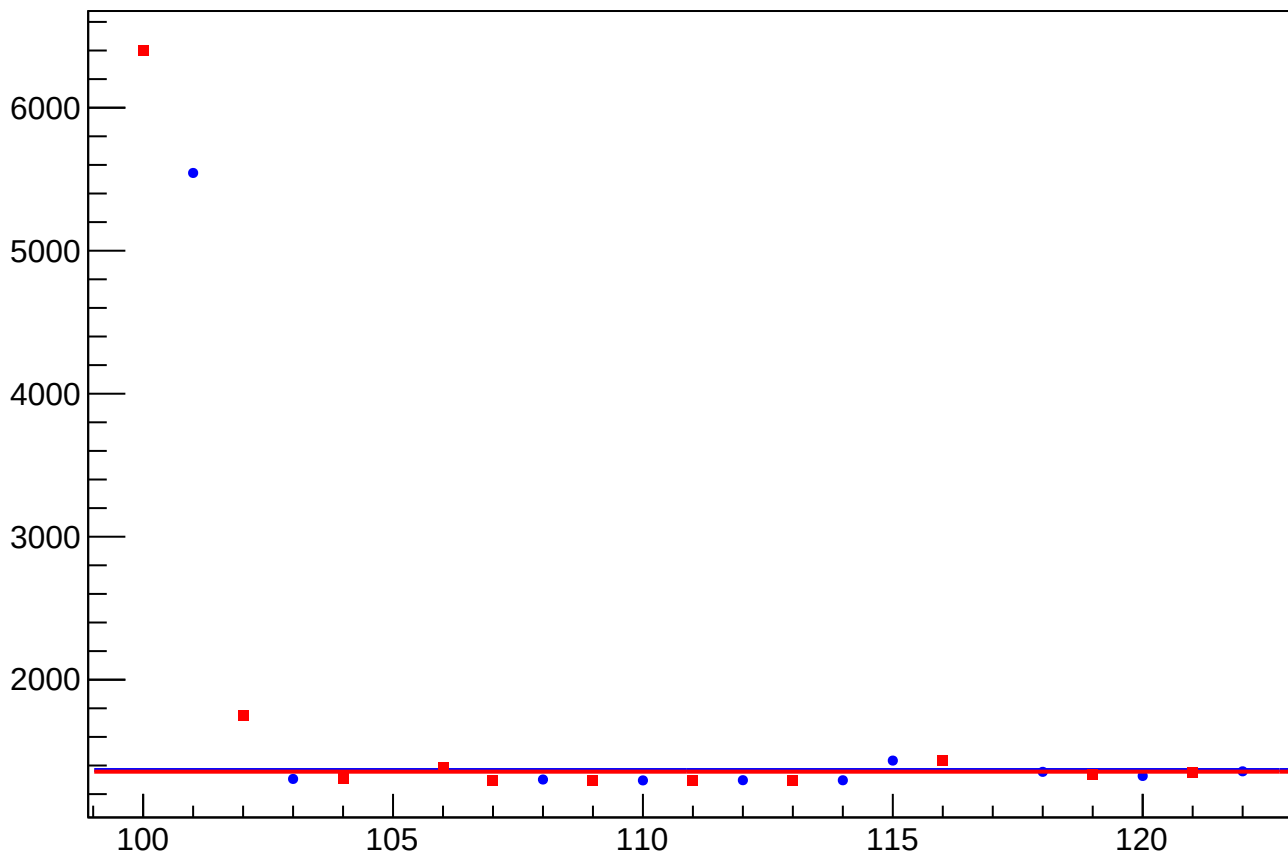
Right: 11.626+/-481.751 χ^2/NDF : 17.4/20

In: 708.116+/-710.222 χ^2/NDF :10.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11.626+/-481.751 χ^2/NDF : 17.4/20

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: 1356.826+/-0.464 χ^2/NDF : 146358.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

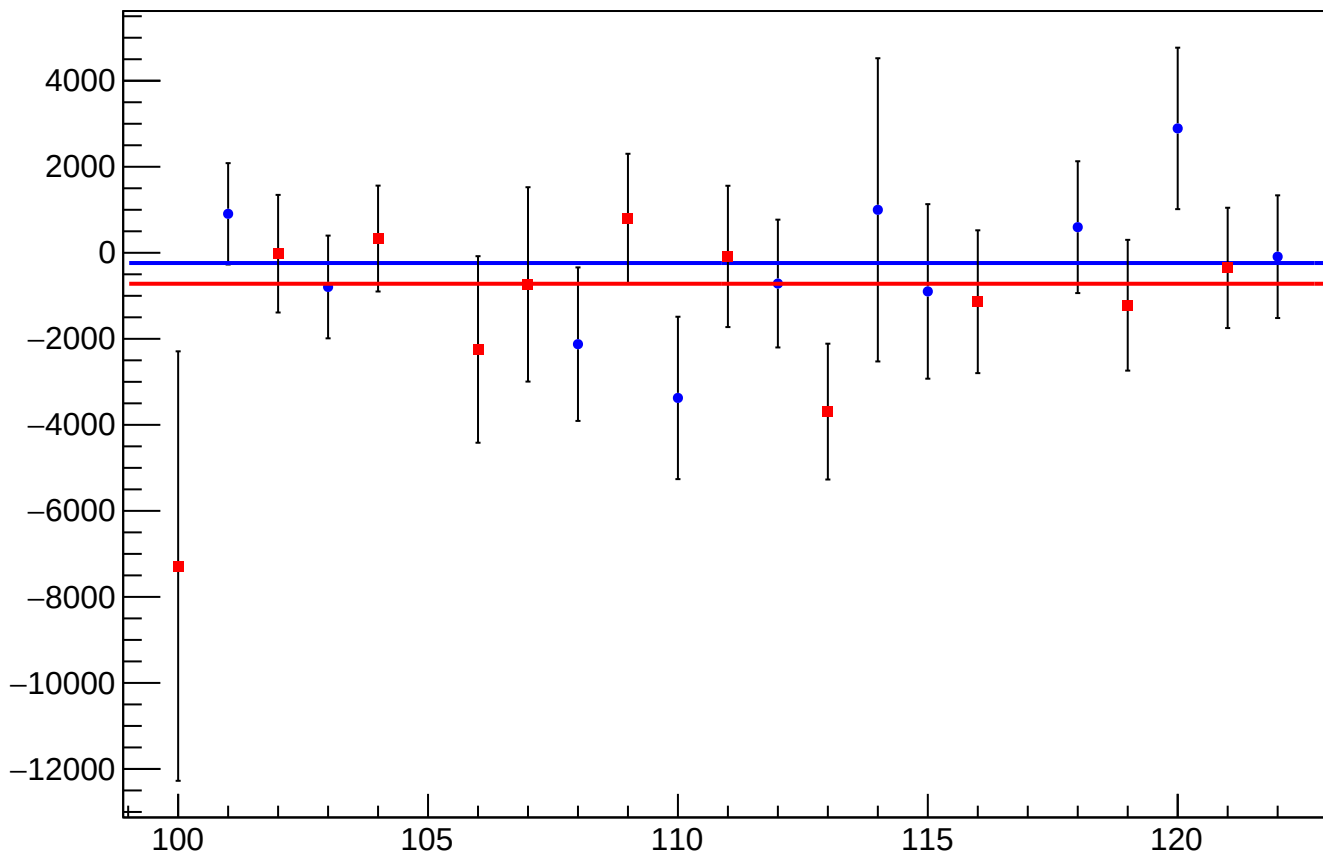
Right: 1362.153+/-0.341 χ^2/NDF : 902650.4/20

In: 1368.403+/-0.502 χ^2/NDF : 756005.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.153+/-0.341 χ^2/NDF : 902650.4/20

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: -719.598+/-490.329 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

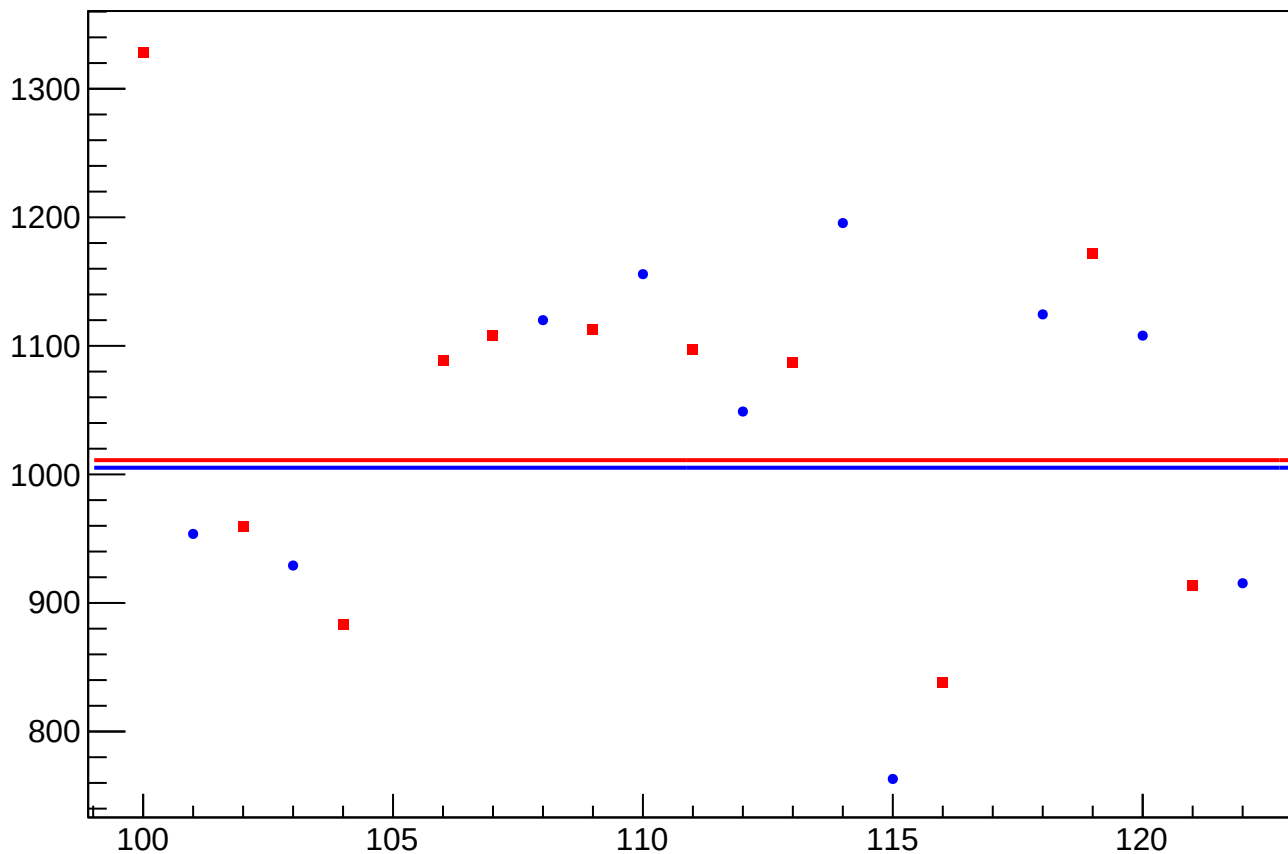
Right: -483.591+/-350.223 χ^2/NDF : 17.1/20

In: -237.784+/-500.406 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.591+/-350.223 χ^2/NDF : 17.1/20

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: 1011.087+/-0.347 χ^2/NDF : 111640.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

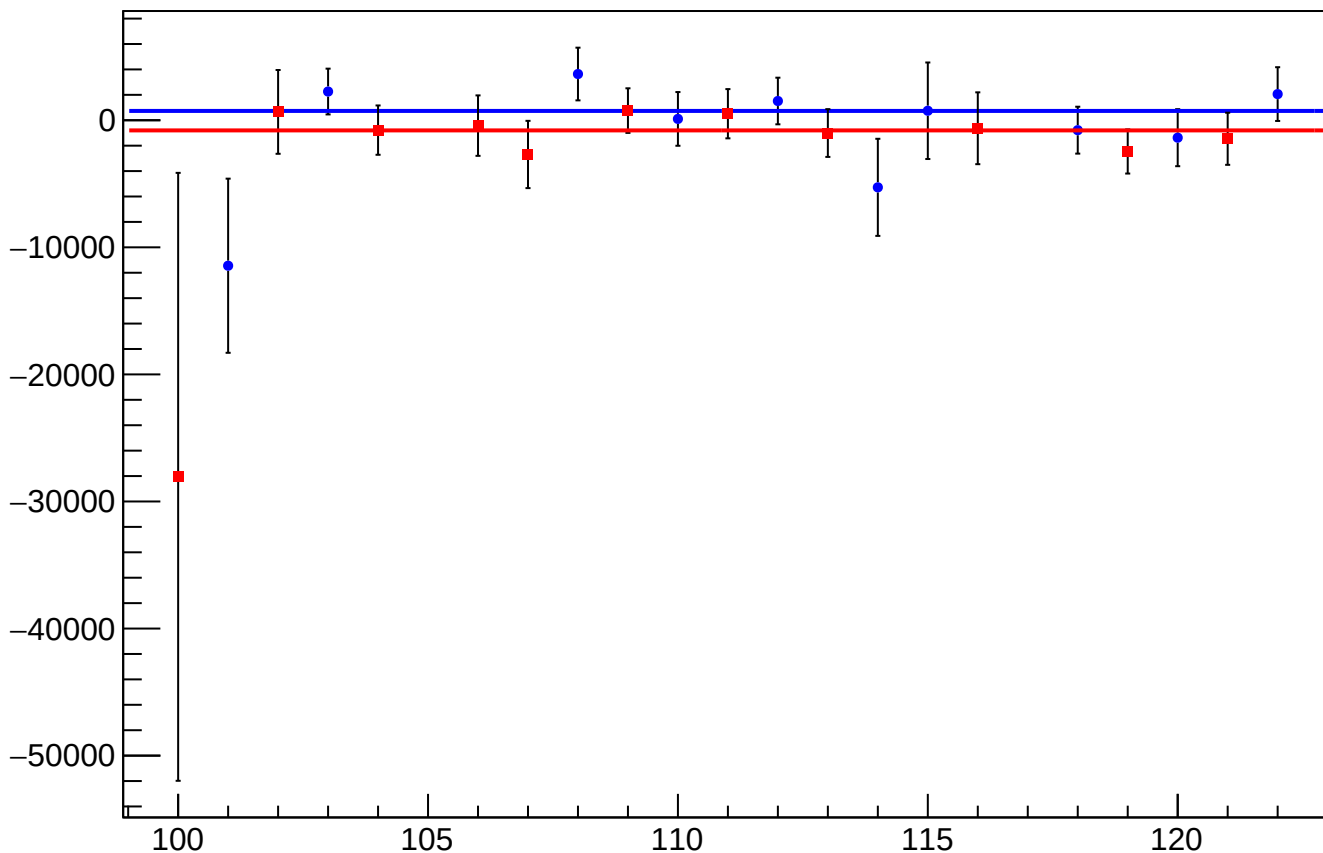
Right: 1008.202+/-0.248 χ^2/NDF : 206805.5/20

In: 1005.197+/-0.354 χ^2/NDF : 95024.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.202+/-0.248 χ^2/NDF : 206805.5/20

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: -798.690+/-666.997 χ^2/NDF : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

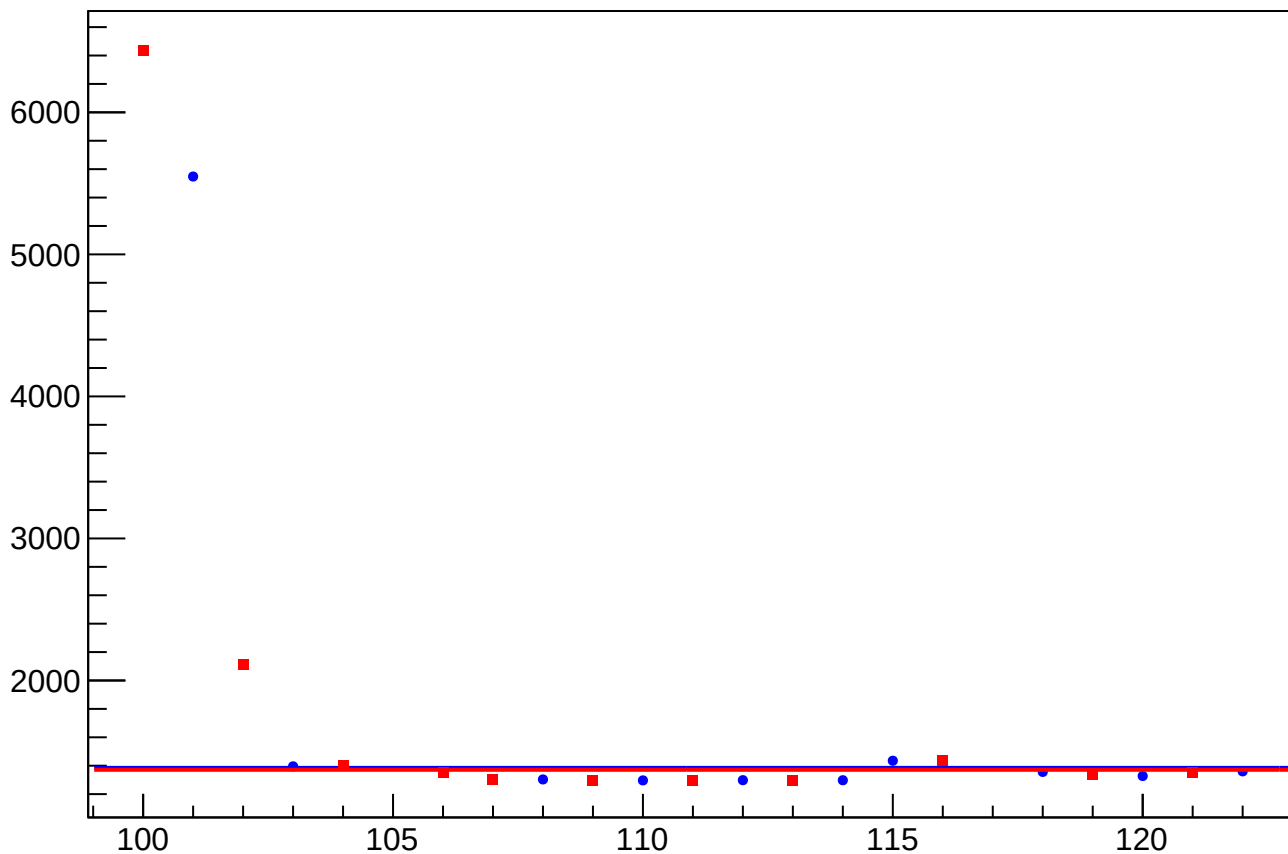
Right: -89.318+/-488.842 χ^2/NDF : 17.3/20

In: 733.901+/-718.530 χ^2/NDF :10.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -89.318+/-488.842 χ^2/NDF : 17.3/20

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: 1371.204+/-0.472 χ^2/NDF : 203460.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

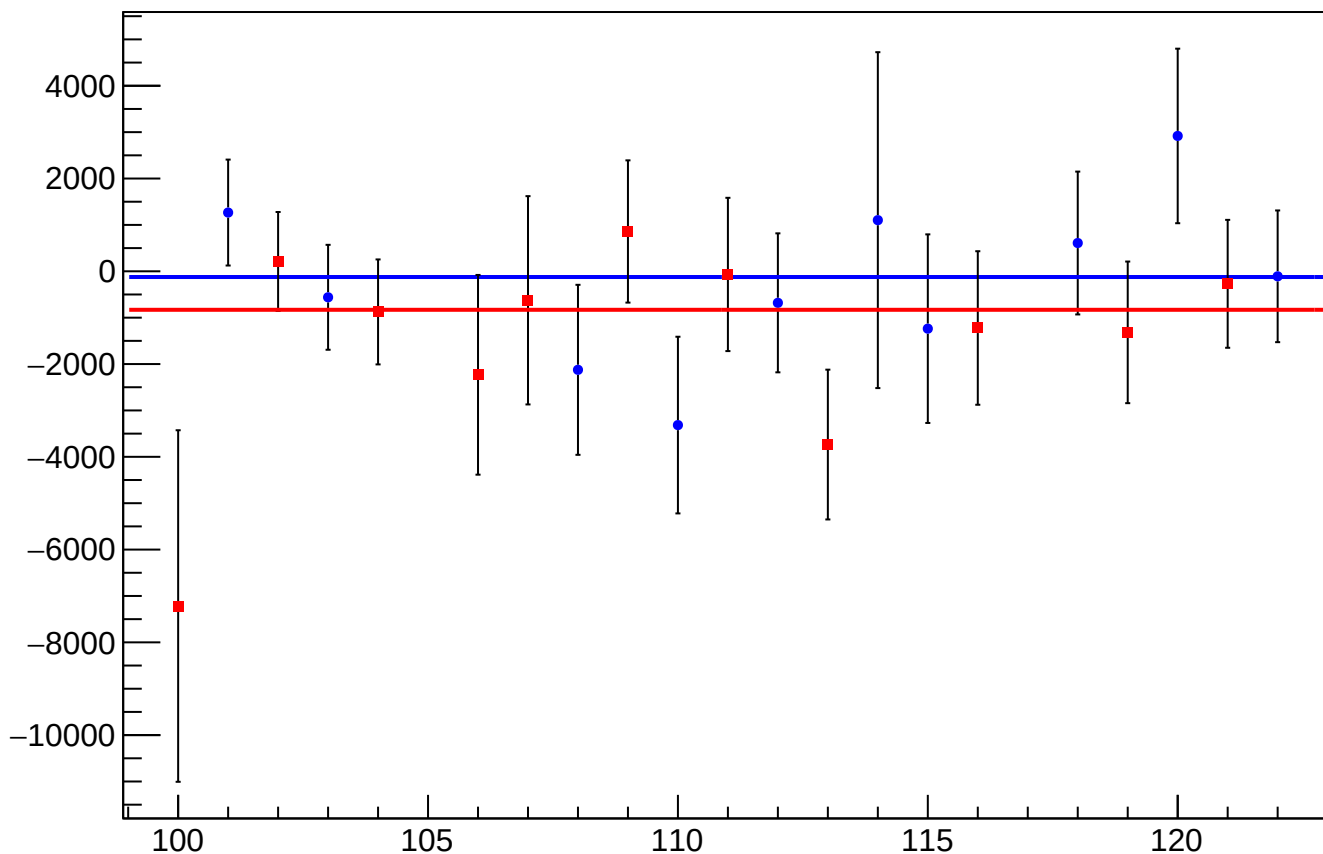
Right: 1377.463+/-0.346 χ^2/NDF : 956673.3/20

In: 1384.727+/-0.508 χ^2/NDF : 752831.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.463+/-0.346 χ^2/NDF : 956673.3/20

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: -830.161+/-464.287 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

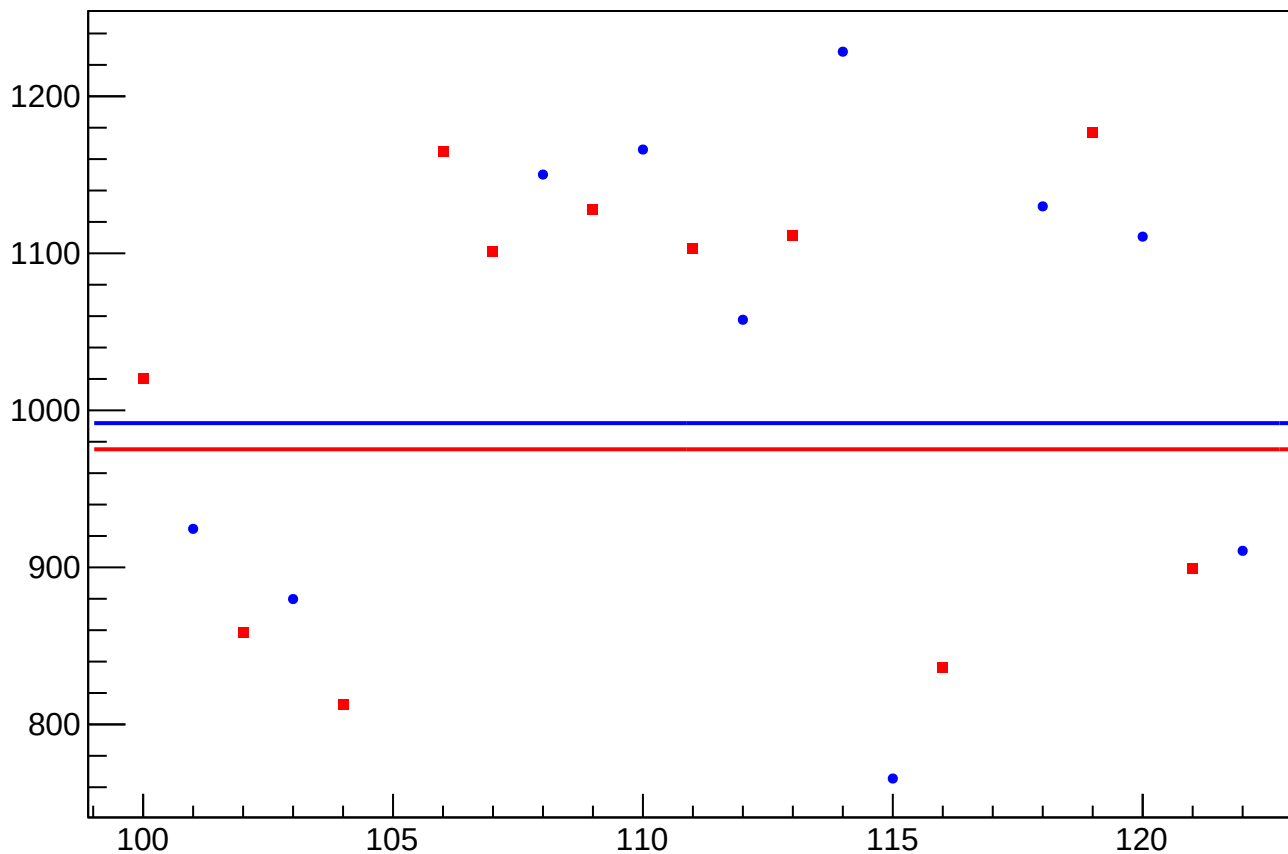
Right: -499.164+/-338.547 χ^2/NDF : 19.3/20

In: -123.359+/-494.716 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.164+/-338.547 χ^2/NDF : 19.3/20

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: 975.207+/-0.328 χ^2/NDF : 188280.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

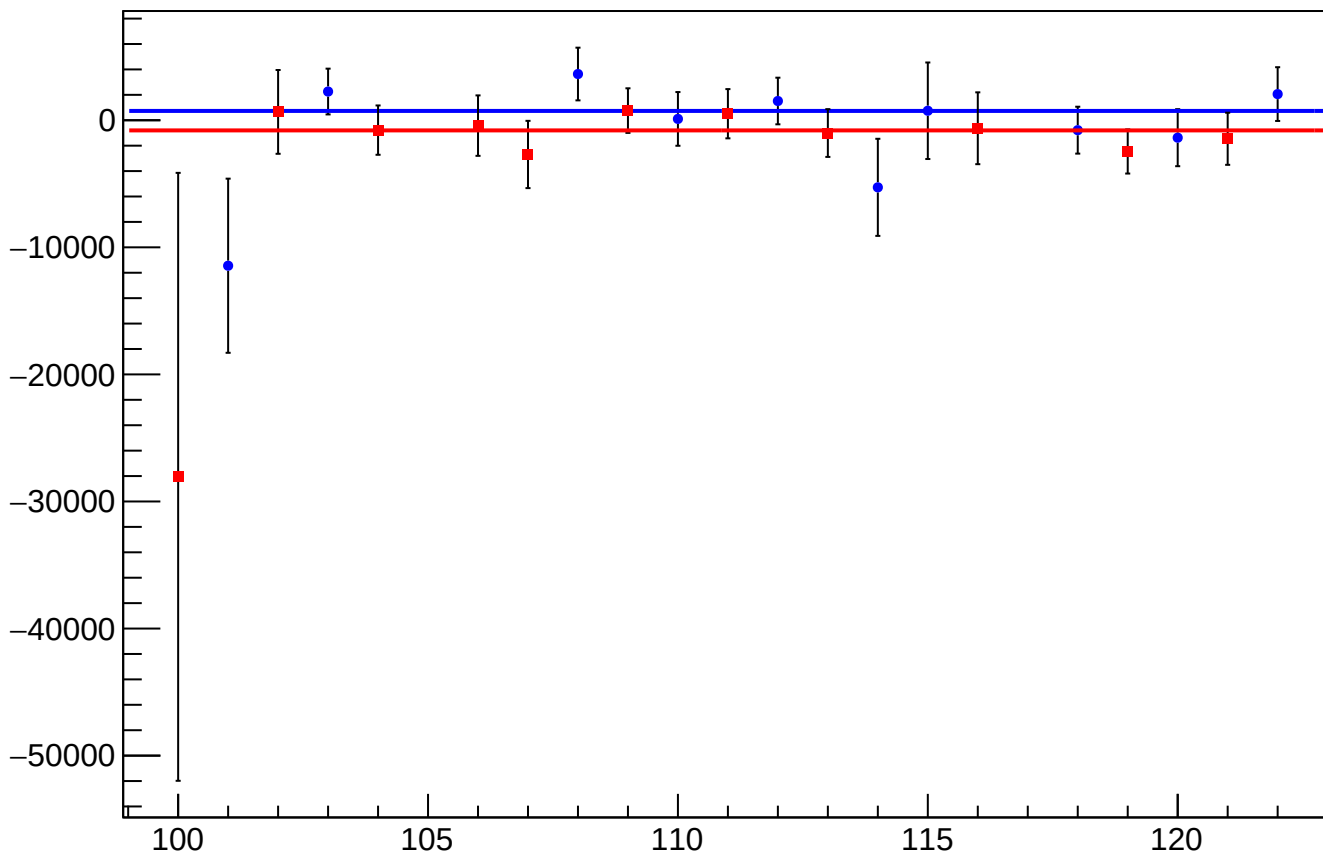
Right: 983.006+/-0.239 χ^2/NDF : 315497.7/20

In: 991.862+/-0.350 χ^2/NDF : 126012.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.006+/-0.239 χ^2/NDF : 315497.7/20

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: -798.687+/-666.997 χ^2/NDF : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

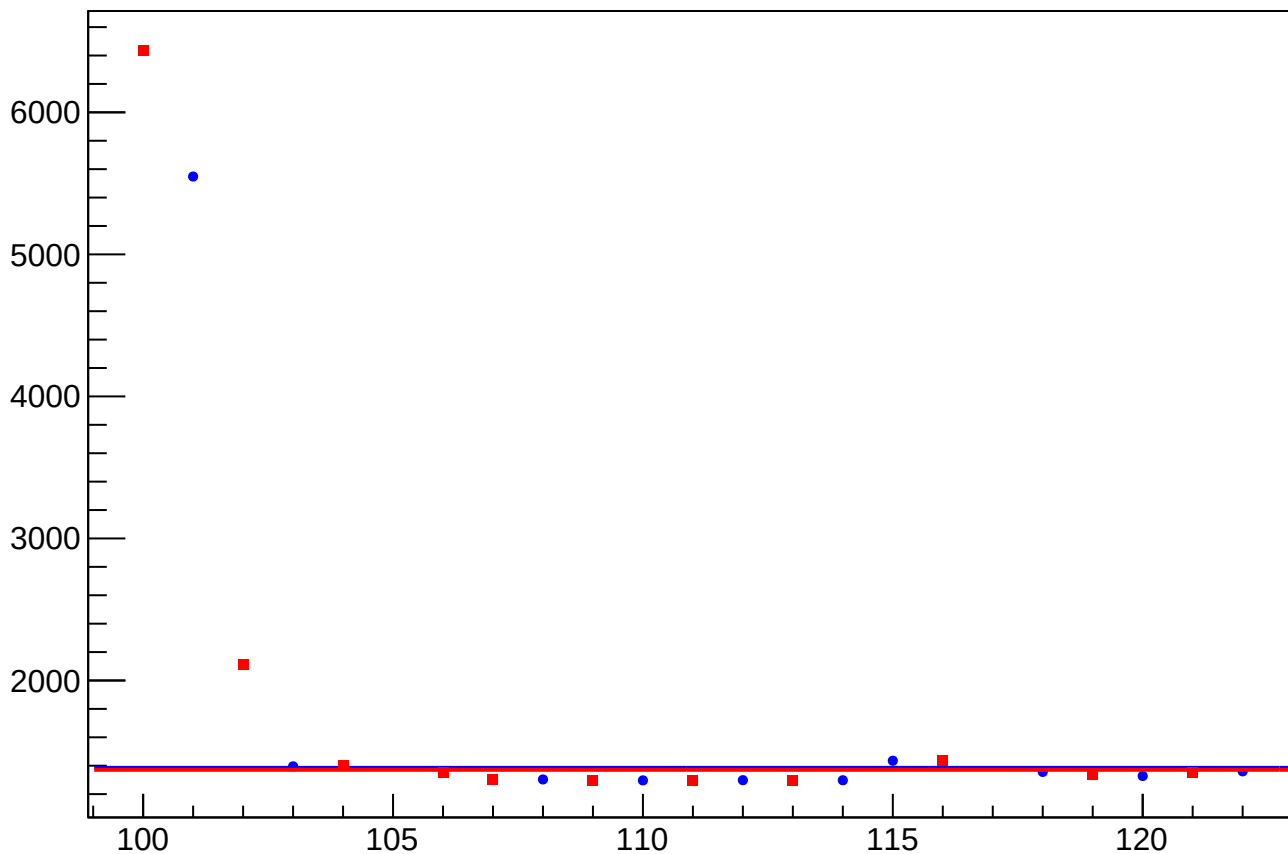
Right: -89.317+/-488.842 χ^2/NDF : 17.3/20

In: 733.900+/-718.530 χ^2/NDF :10.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -89.317+/-488.842 χ^2/NDF : 17.3/20

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: 1371.204+/-0.472 χ^2/NDF : 203460.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

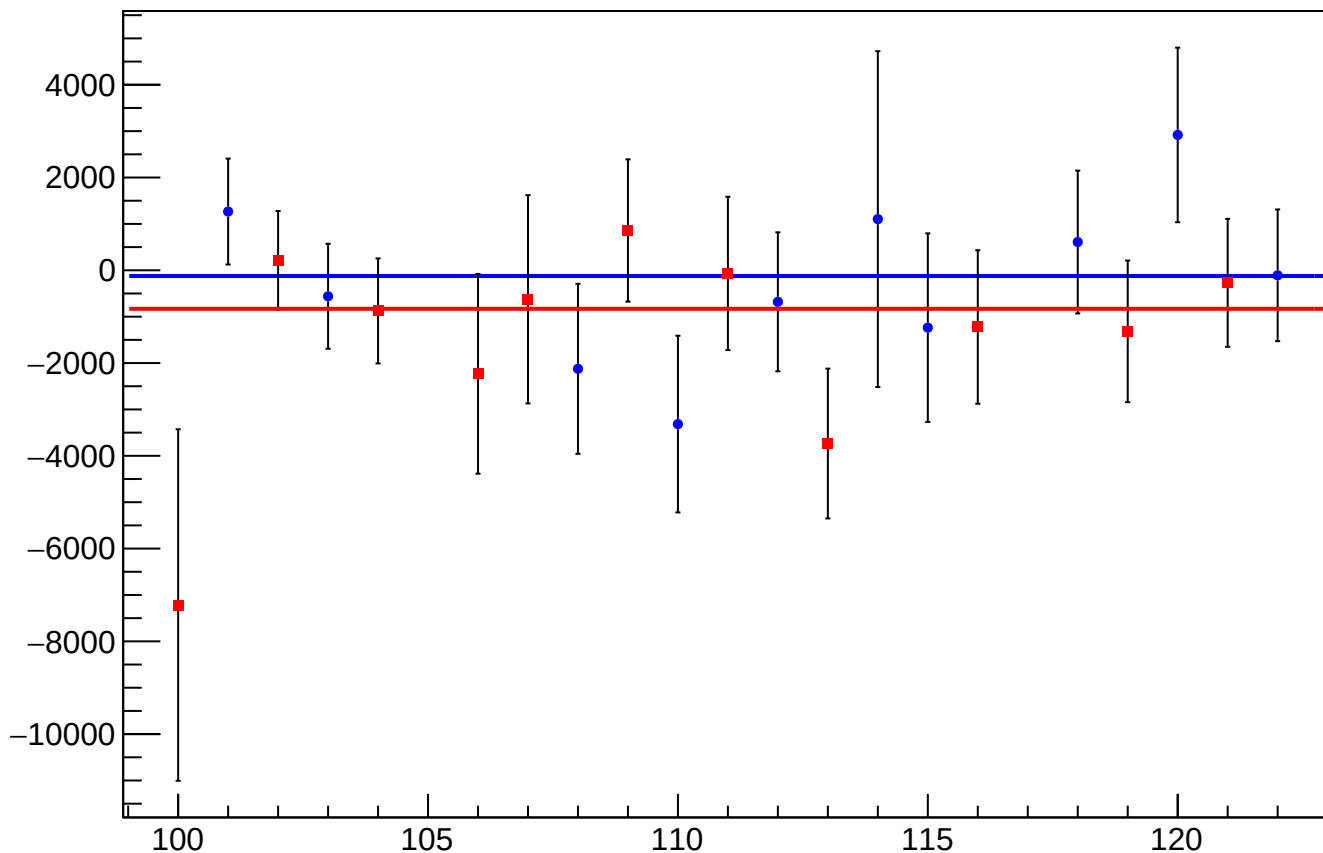
Right: 1377.463+/-0.346 χ^2/NDF : 956673.3/20

In: 1384.727+/-0.508 χ^2/NDF : 752831.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.463+/-0.346 χ^2/NDF : 956673.3/20

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: -830.160+/-464.286 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

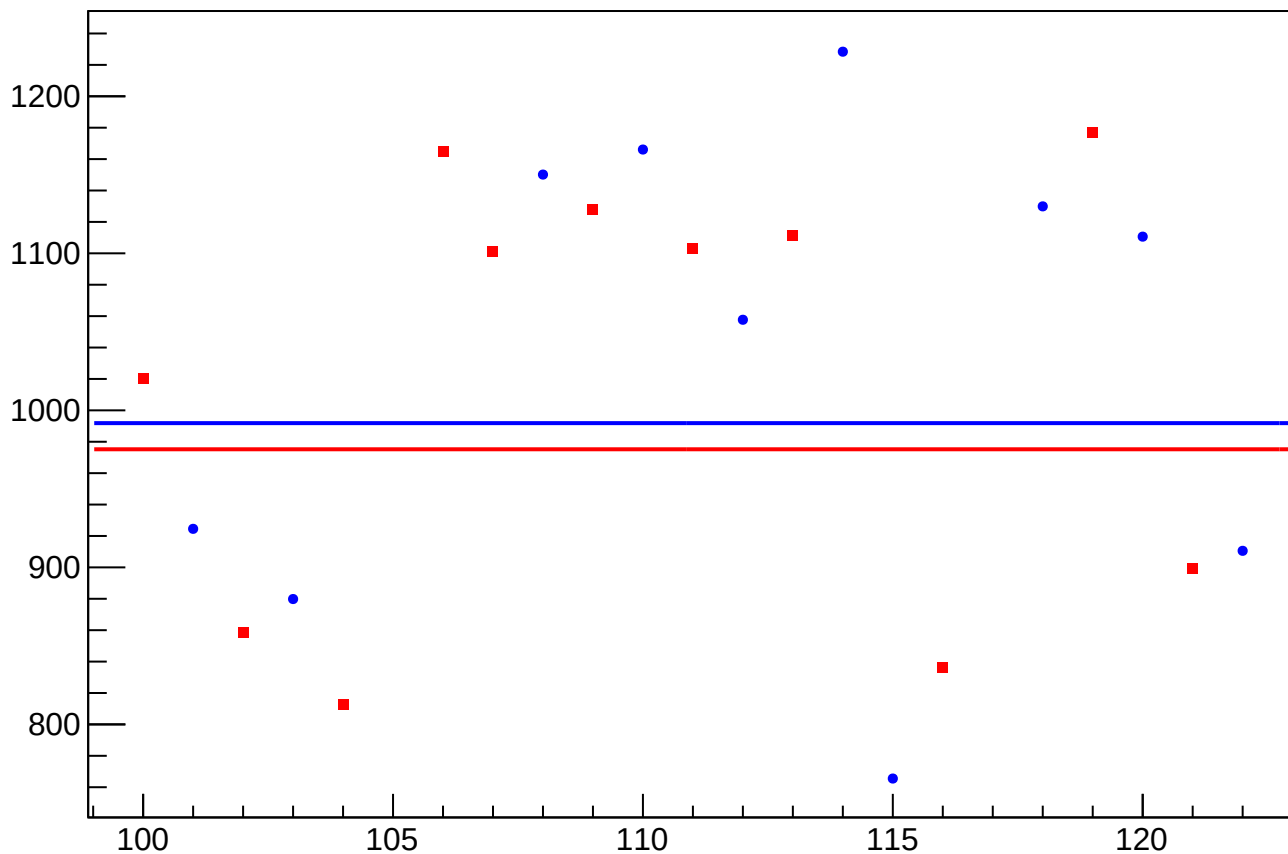
Right: -499.163+/-338.547 χ^2/NDF : 19.3/20

In: -123.358+/-494.715 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.163+/-338.547 χ^2/NDF : 19.3/20

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: 975.206+/-0.328 χ^2/NDF : 188276.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

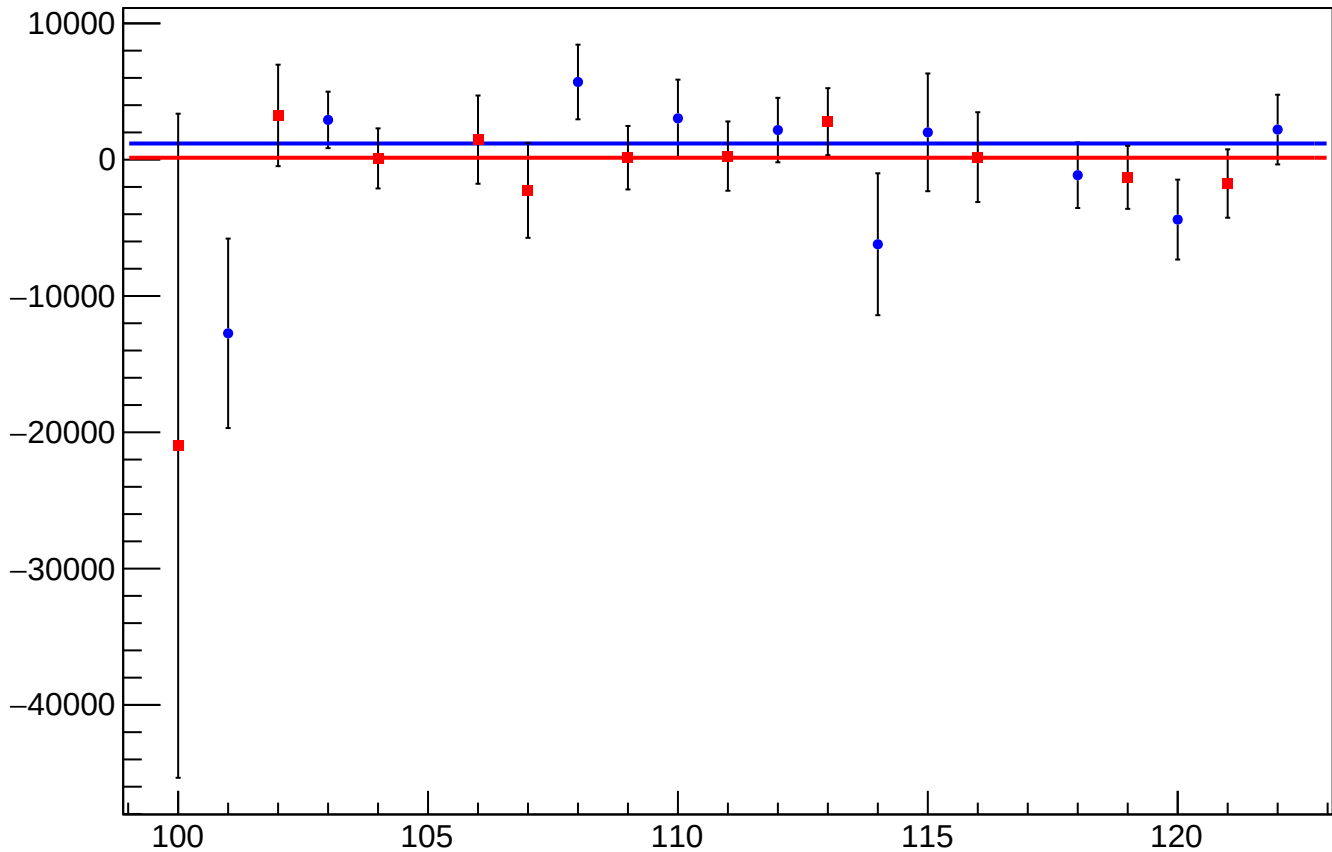
Right: 983.005+/-0.239 χ^2/NDF : 315490.8/20

In: 991.860+/-0.350 χ^2/NDF : 126009.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.005+/-0.239 χ^2/NDF : 315490.8/20

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1187.641+/-904.485 χ^2/NDF : 14.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.279+/-845.133 χ^2/NDF : 4.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

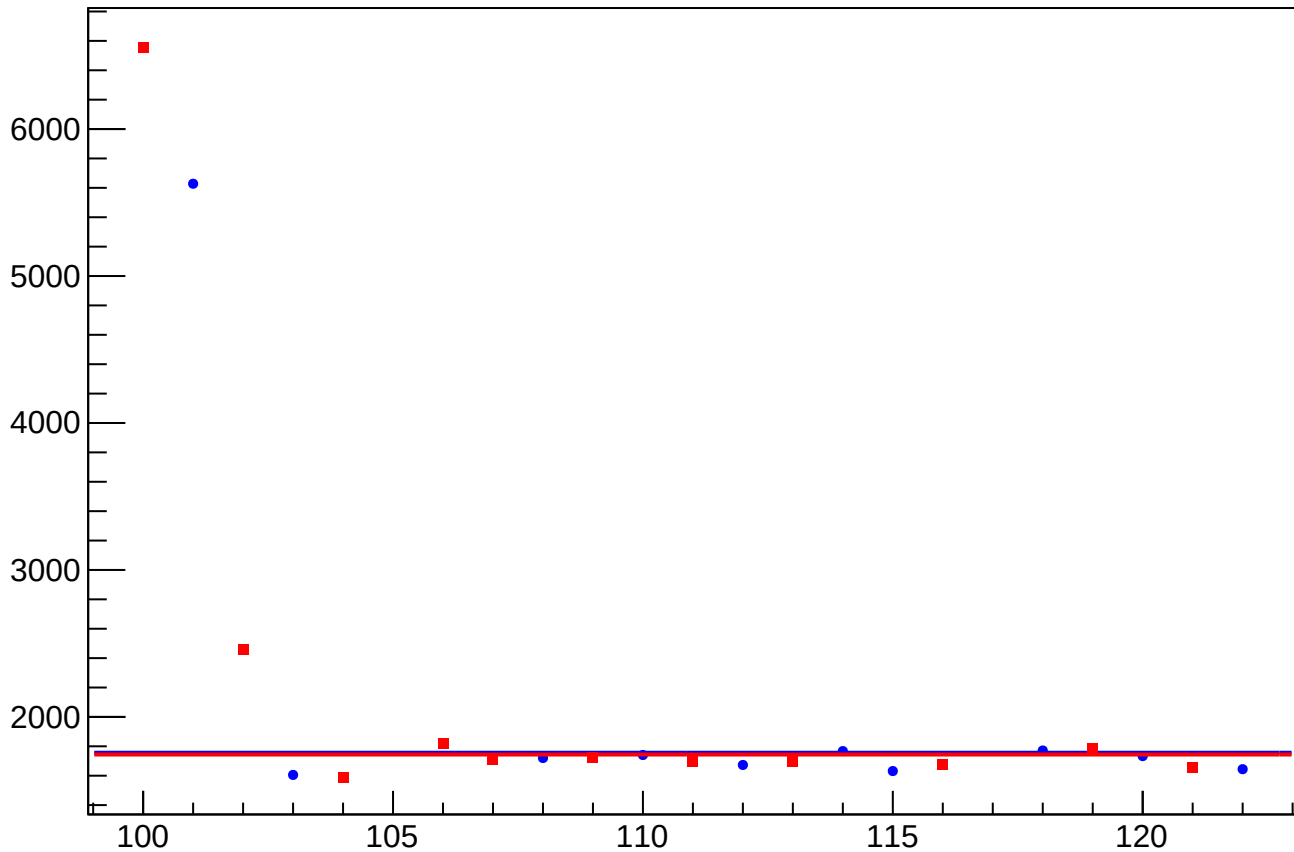
Right: 629.539+/-617.516 χ^2/NDF : 19.7/20

In: 1187.641+/-904.485 χ^2/NDF : 14.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.539+/-617.516 χ^2/NDF : 19.7/20

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: 1744.012+/-0.598 χ^2/NDF : 168443.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

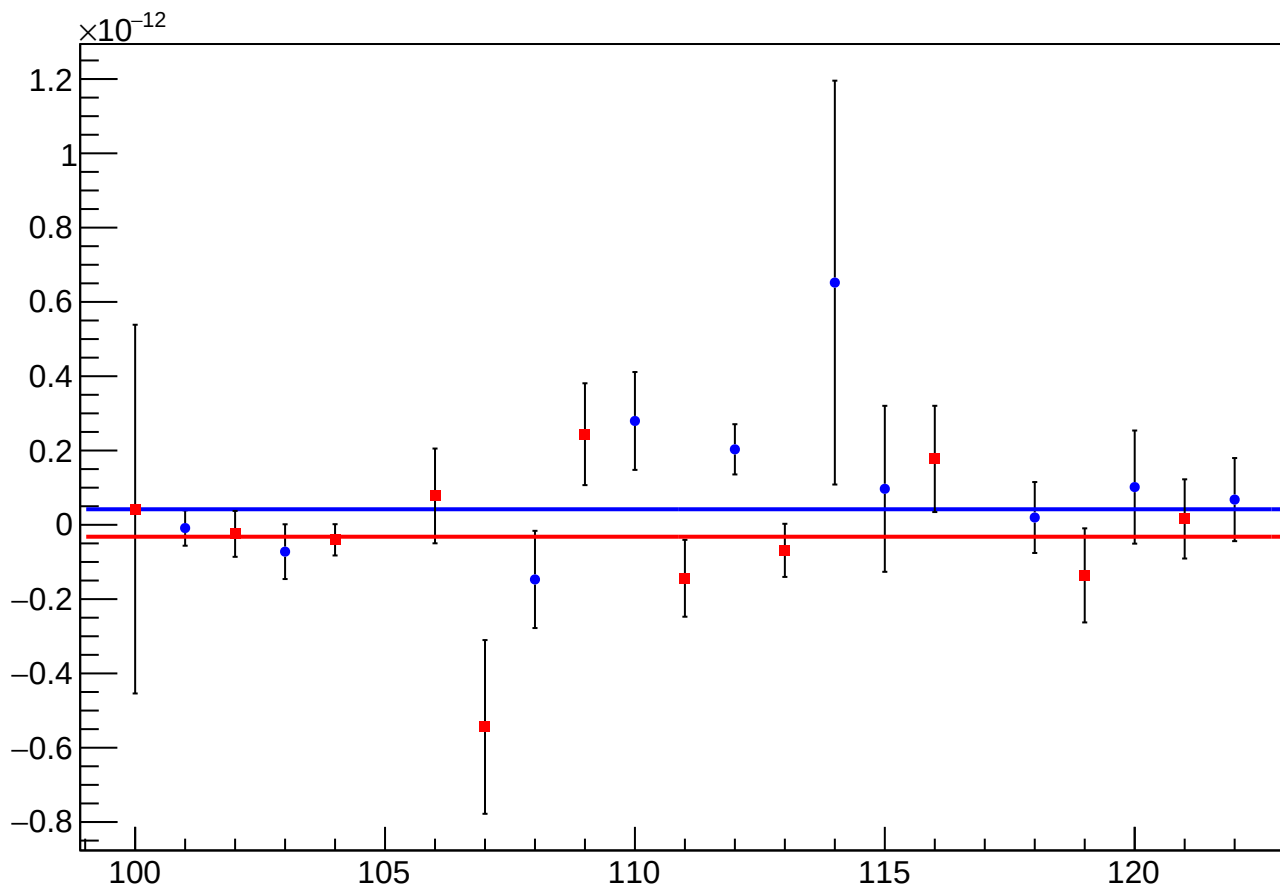
Right: 1749.701+/-0.437 χ^2/NDF : 808438.0/20

In: 1756.218+/-0.640 χ^2/NDF : 639800.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1749.701+/-0.437 χ^2/NDF : 808438.0/20

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 16.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 14.1/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

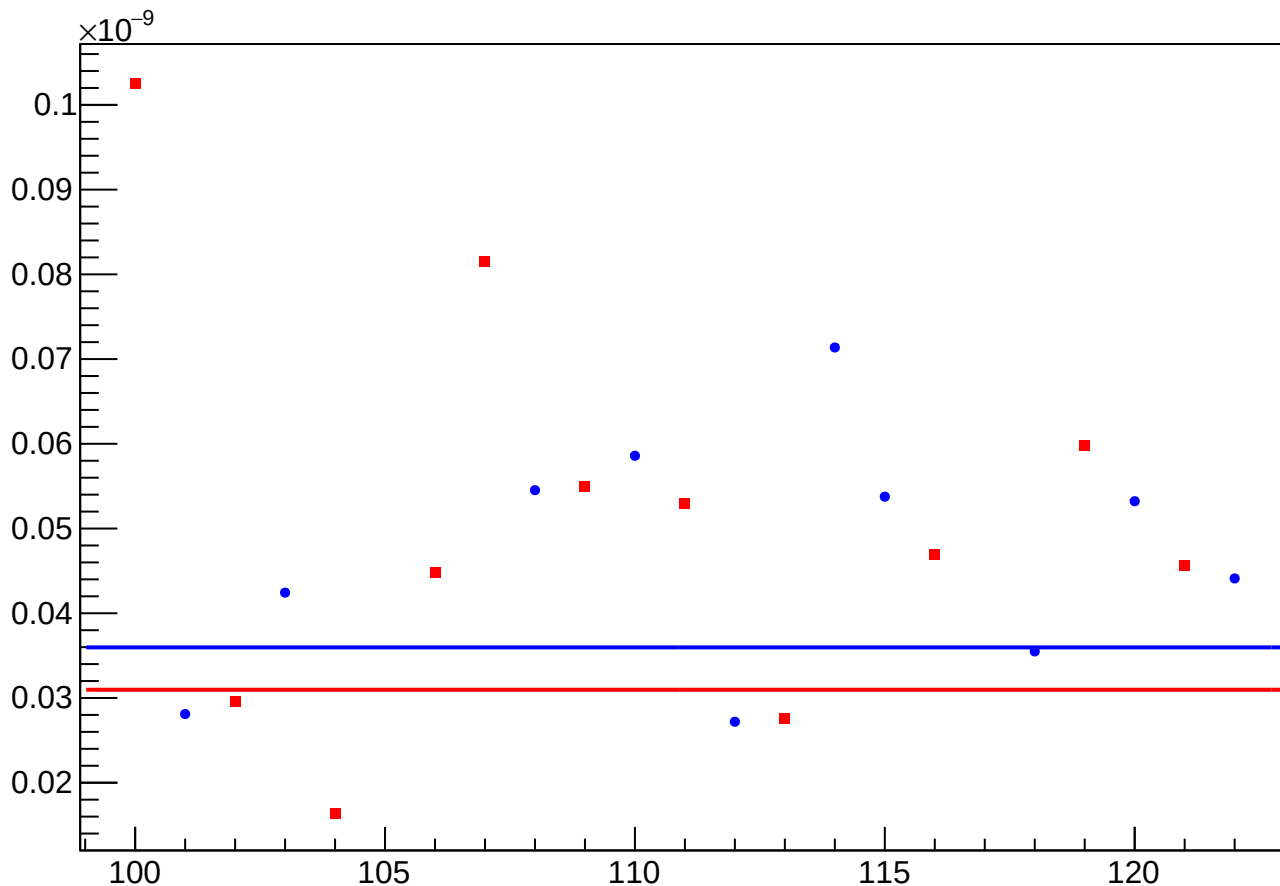
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 33.9/20

In: 0.000 $\pm$ 0.000 χ^2/NDF : 16.1/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 33.9/20

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 : 723290.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

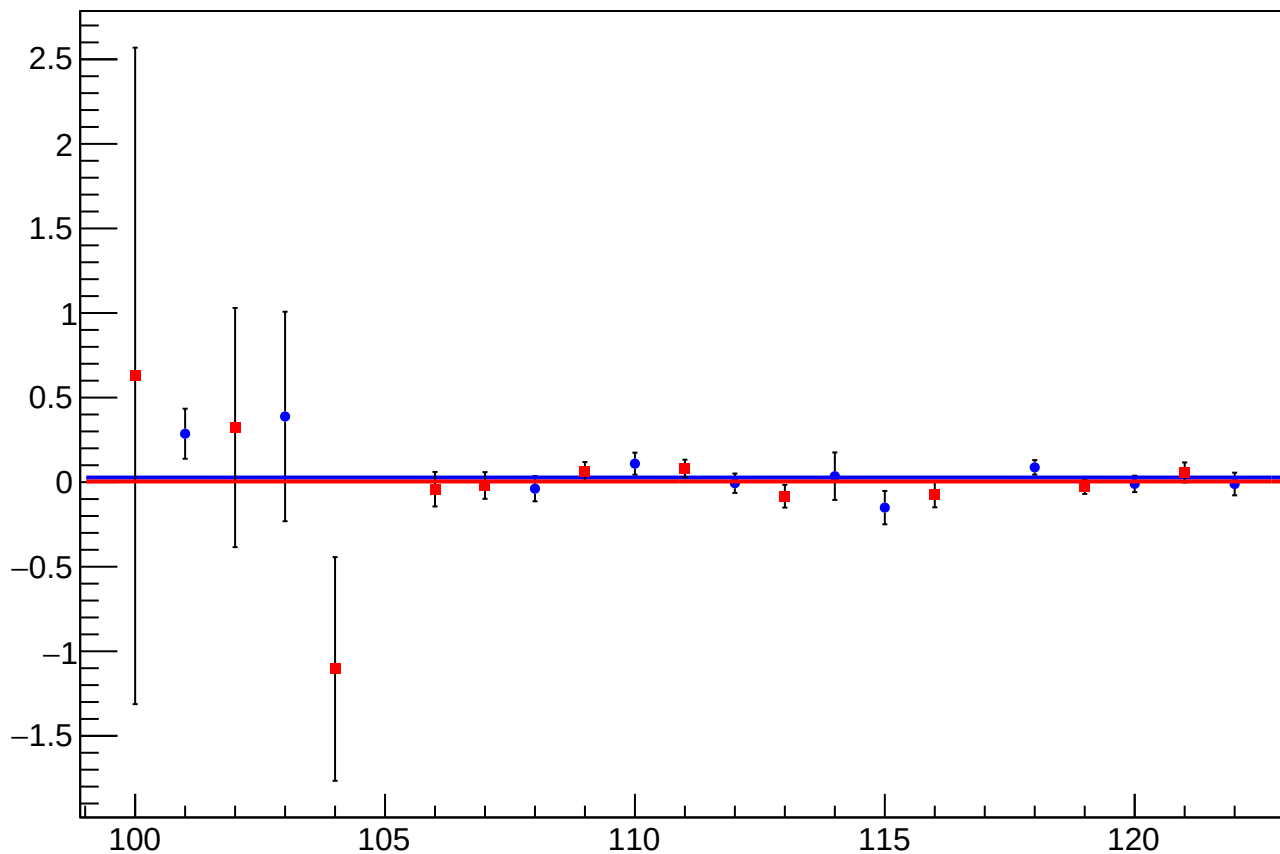
Right: 0.000+/-0.000 χ^2/NDF : 1016810.4/20

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 : 1016810.4/20

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: 0.004+/-0.021 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

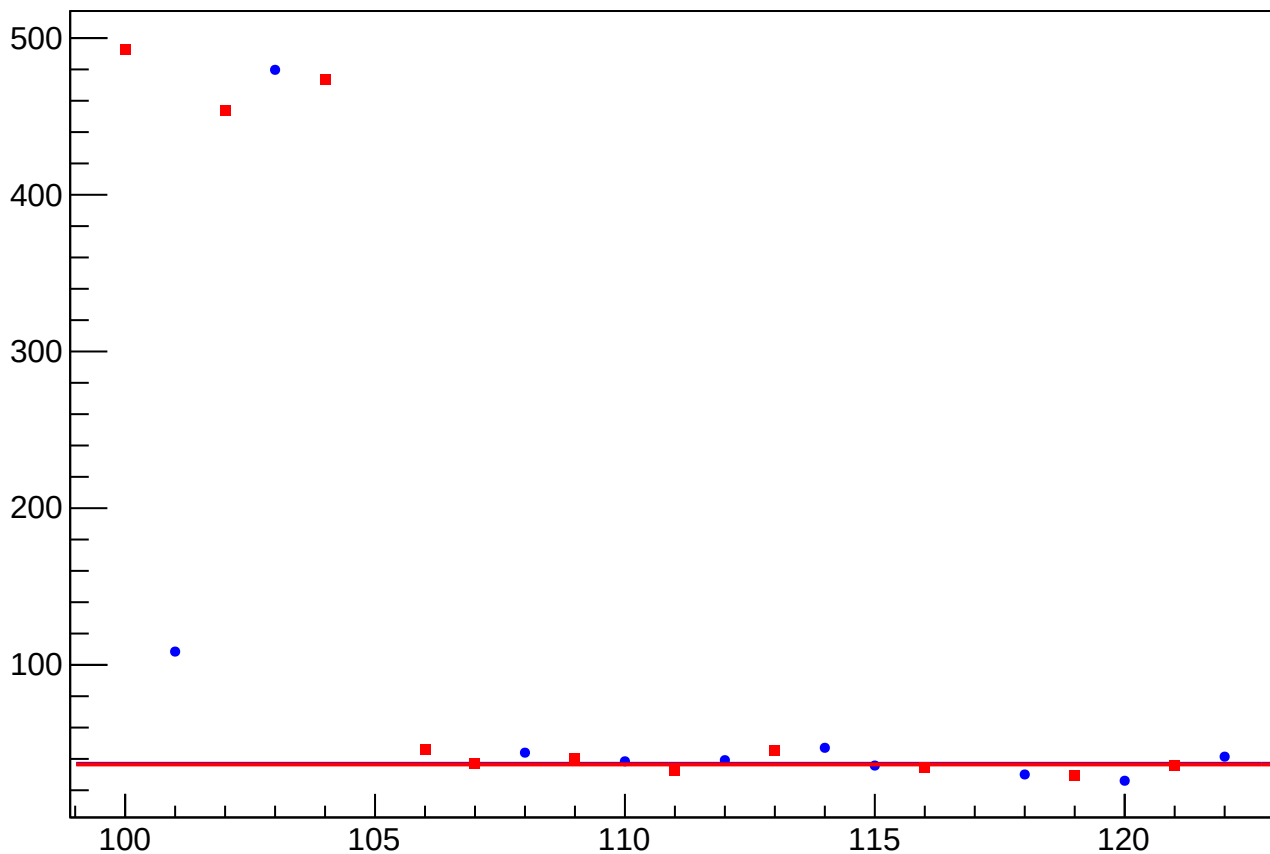
Right: 0.015+/-0.015 χ^2/NDF : 23.6/20

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.015 χ^2/NDF : 23.6/20

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: 36.487+/-0.015 χ^2/NDF : 1807248.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

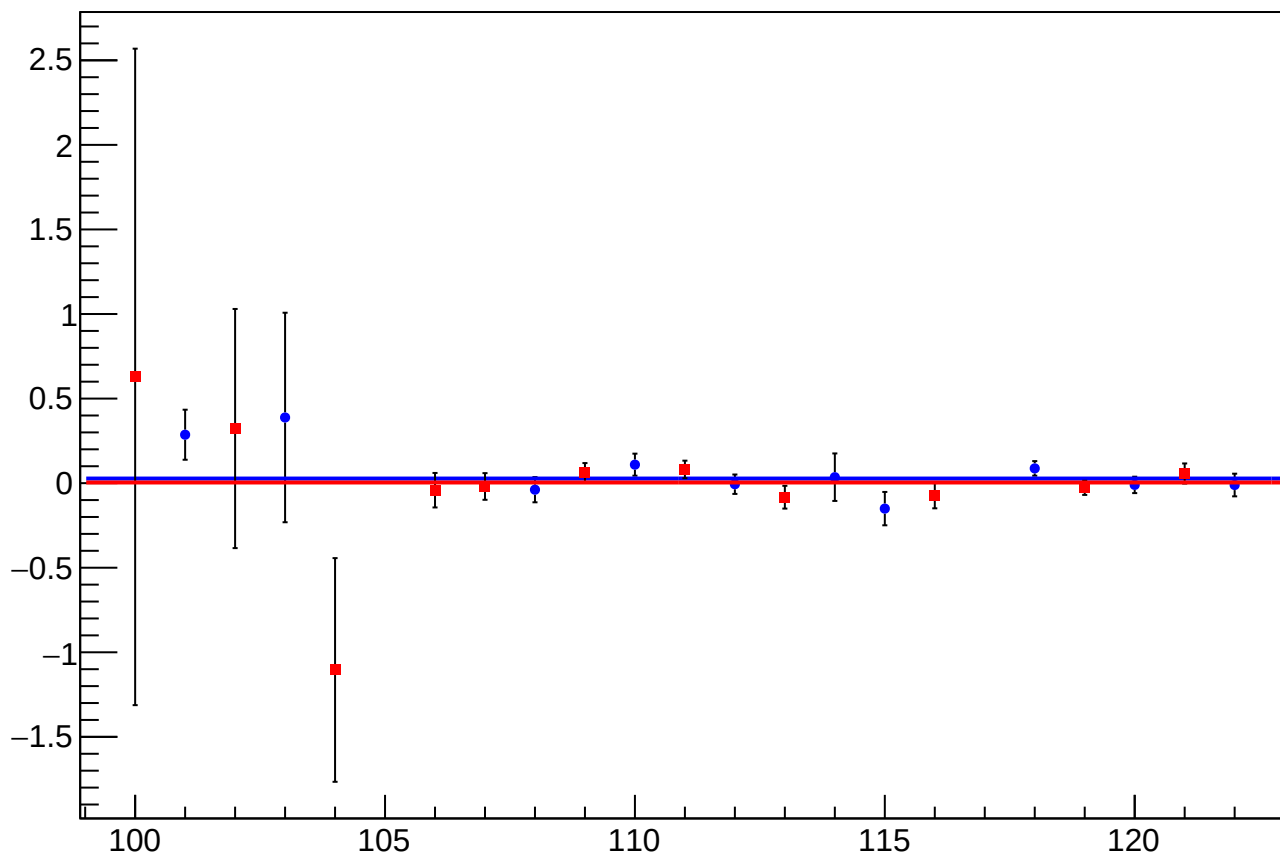
Right: 36.667+/-0.011 χ^2/NDF : 3490972.7/20

In: 36.855+/-0.015 χ^2/NDF : 1683432.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.667+/-0.011 χ^2/NDF : 3490972.7/20

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: 0.004+/-0.021 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

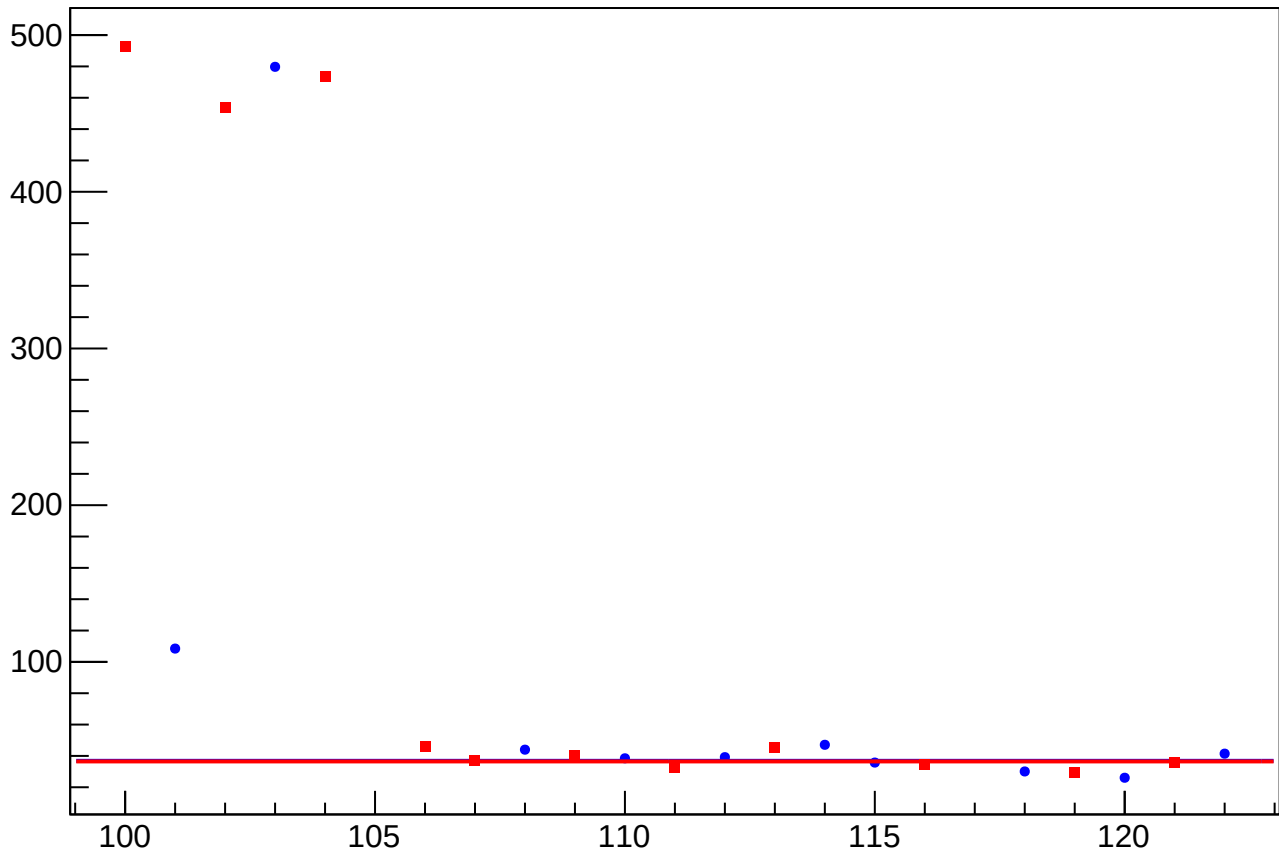
Right: 0.015+/-0.015 χ^2/NDF : 23.6/20

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.015 χ^2/NDF : 23.6/20

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: 36.487+/-0.015 χ^2/NDF : 1807248.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

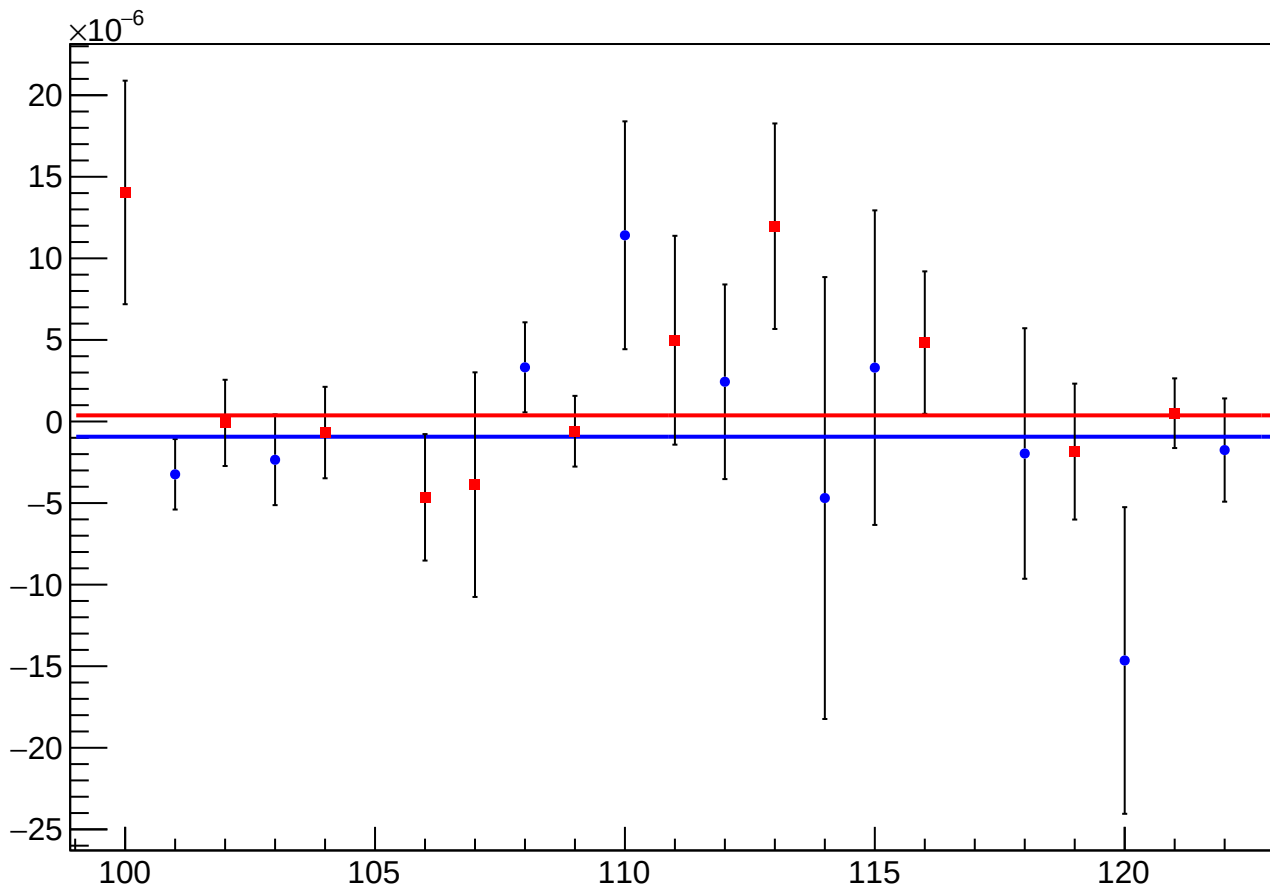
Right: 36.667+/-0.011 χ^2/NDF : 3490972.7/20

In: 36.855+/-0.015 χ^2/NDF :1683432.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.667+/-0.011 χ^2/NDF : 3490972.7/20

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 : 11.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

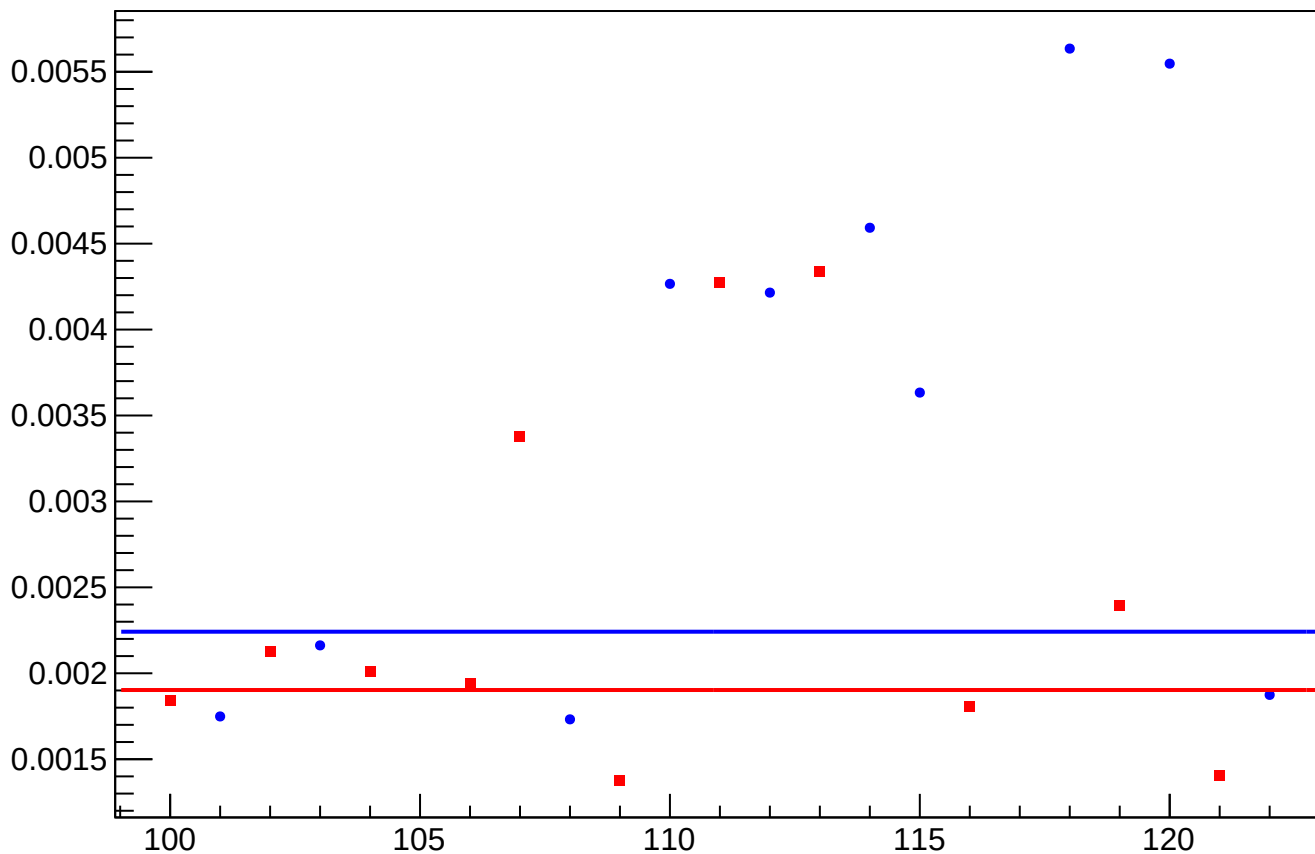
Right: -0.000 ± 0.000 χ^2/NDF : 22.0/20

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 : 22.0/20

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 : 939367.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

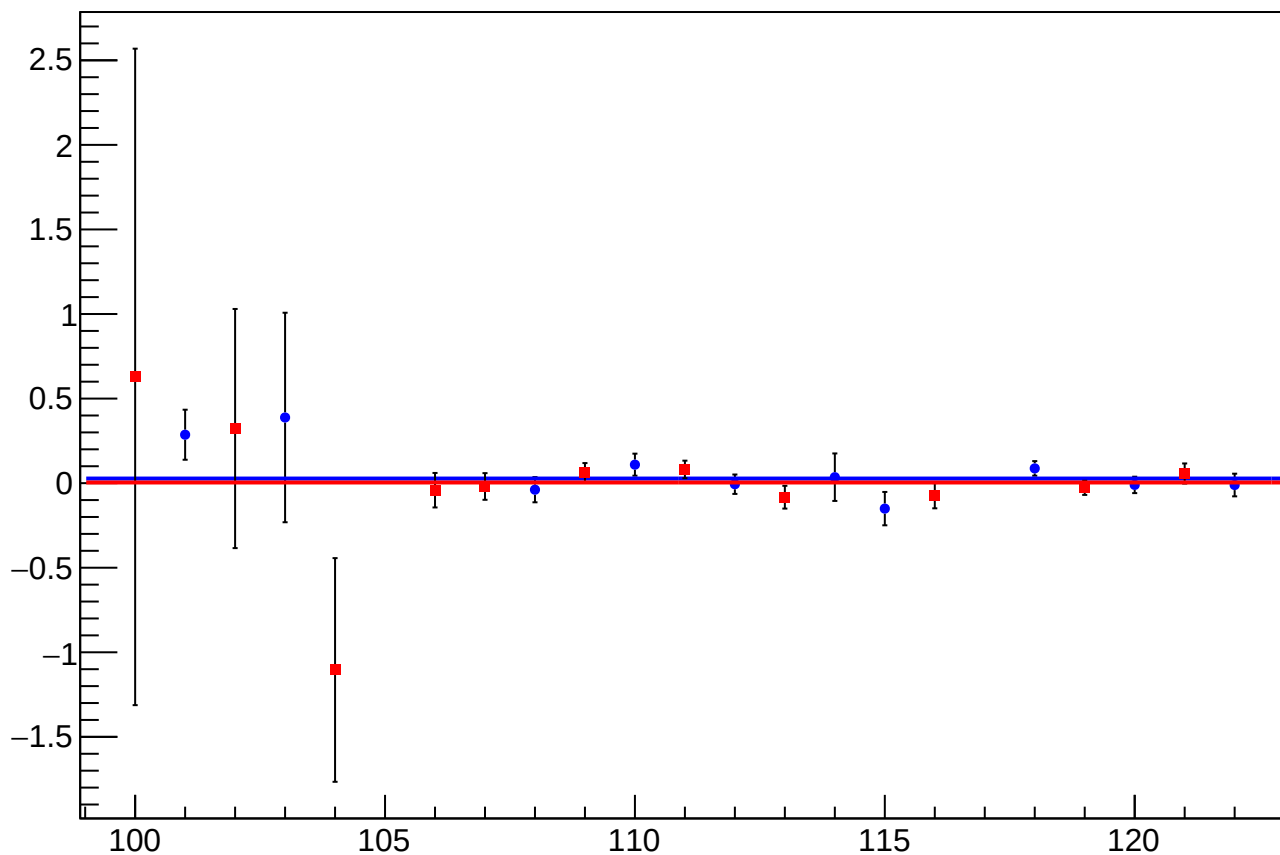
Right: 0.002+/-0.000 χ^2/NDF : 2358316.0/20

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 : 2358316.0/20

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: 0.004+/-0.021 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

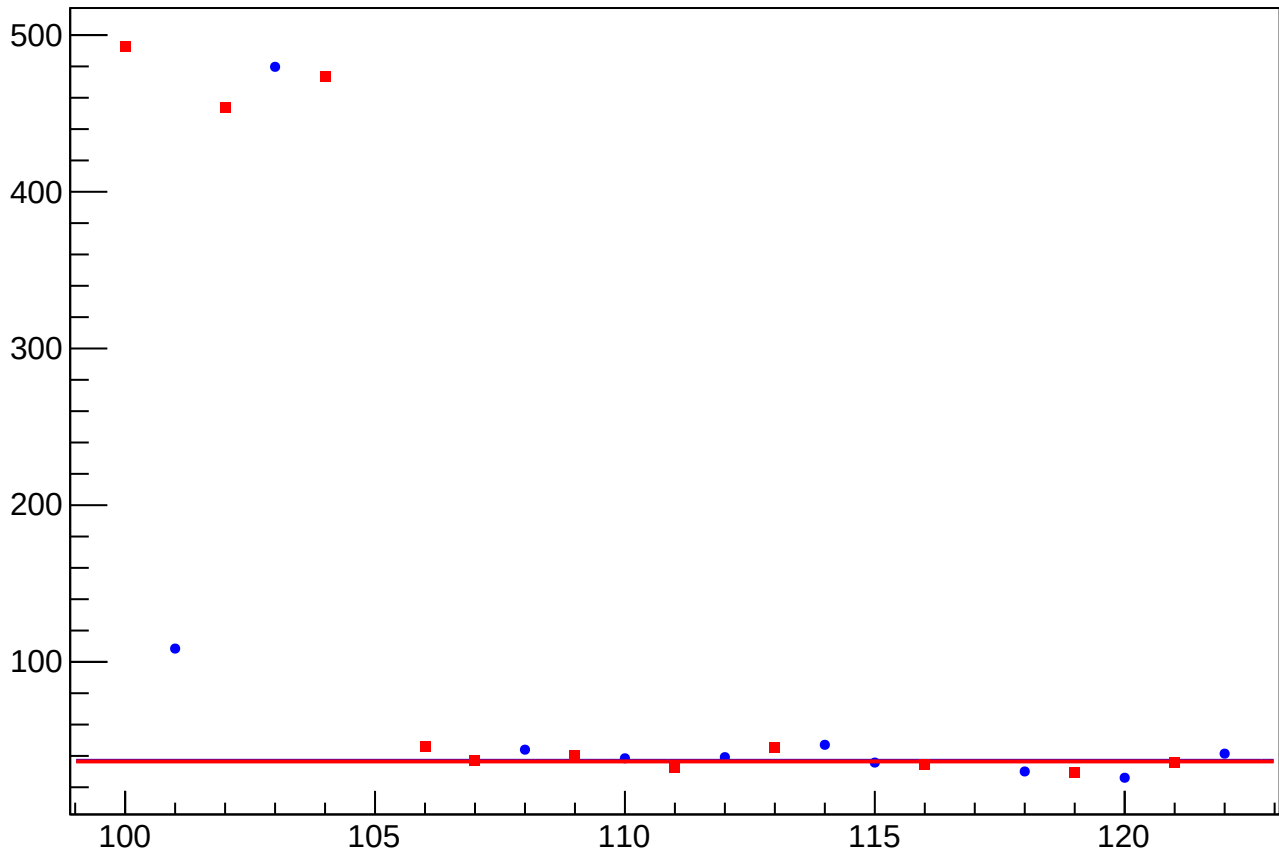
Right: 0.015+/-0.015 χ^2/NDF : 23.6/20

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.015 χ^2/NDF : 23.6/20

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: 36.485+/-0.015 χ^2/NDF : 1807313.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

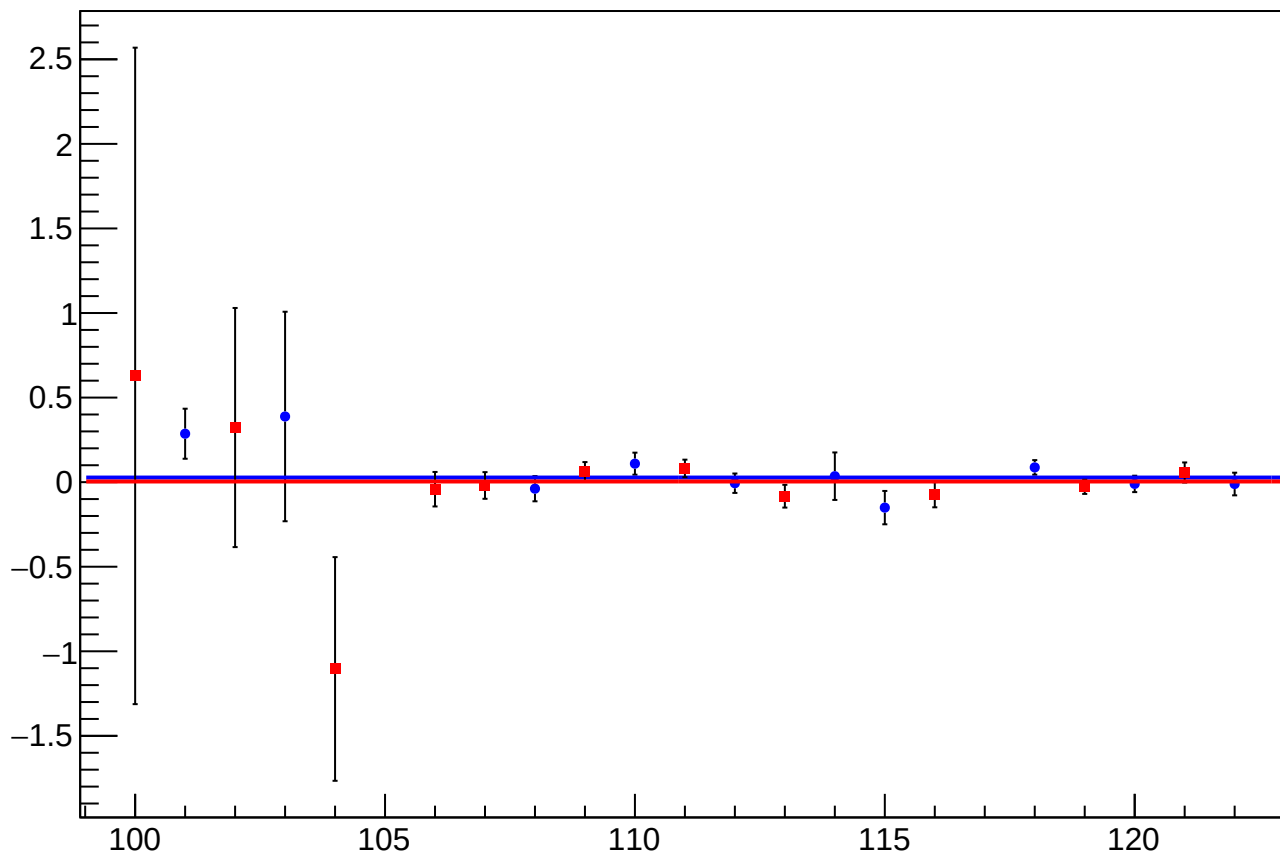
Right: 36.666+/-0.011 χ^2/NDF : 3491054.4/20

In: 36.854+/-0.015 χ^2/NDF : 1683448.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.666+/-0.011 χ^2/NDF : 3491054.4/20

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: 0.004+/-0.021 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

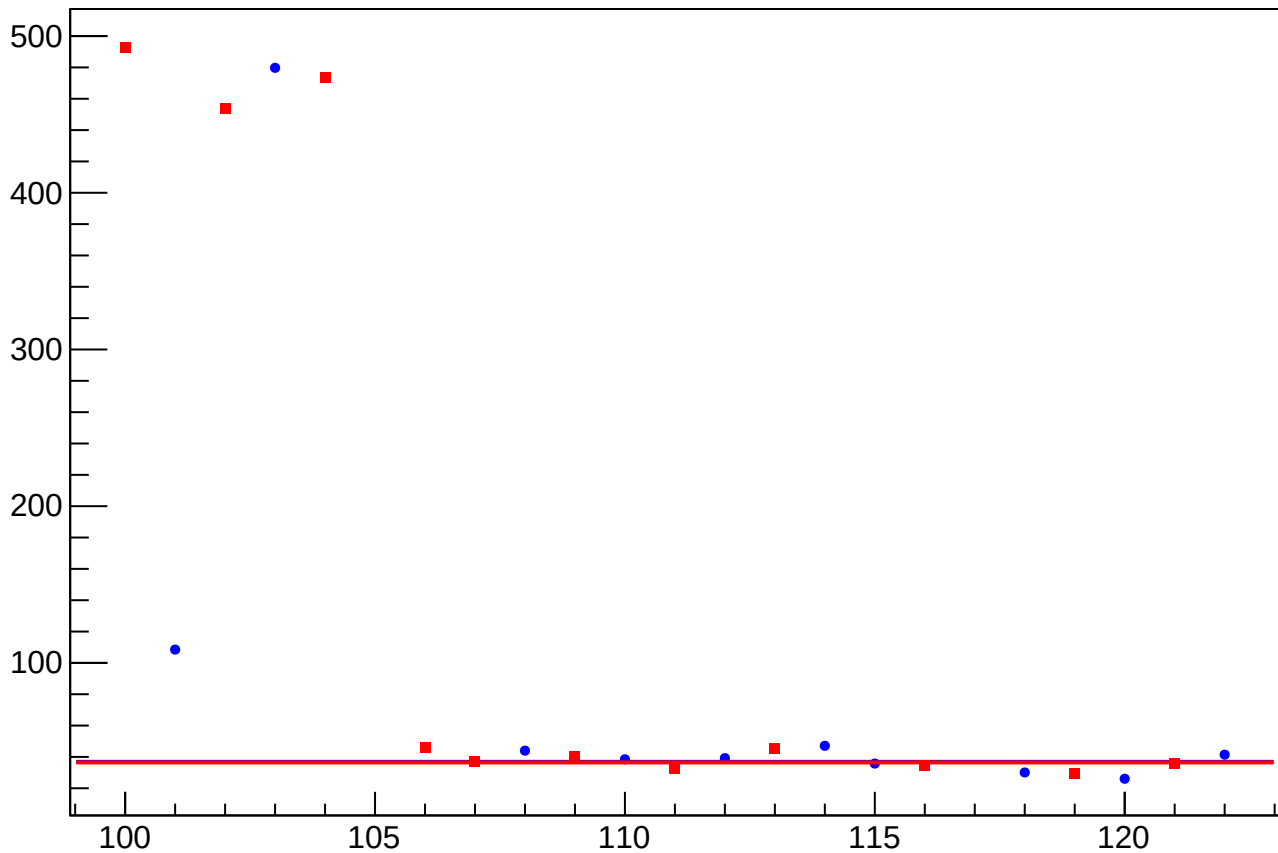
Right: 0.015+/-0.015 χ^2/NDF : 23.6/20

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.015 χ^2/NDF : 23.6/20

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: 36.485+/-0.015 χ^2/NDF : 1807313.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

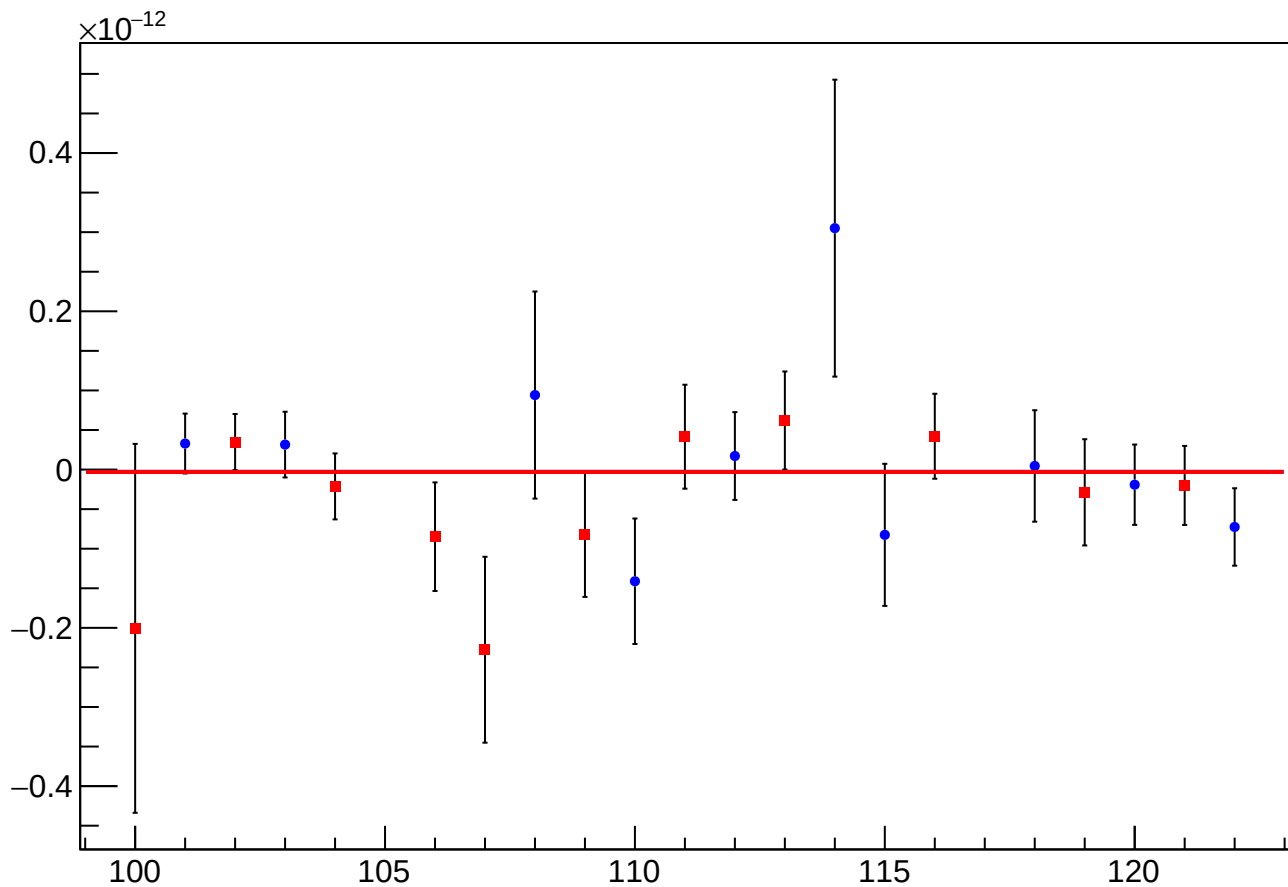
Right: 36.666+/-0.011 χ^2/NDF : 3491054.4/20

In: 36.854+/-0.015 χ^2/NDF : 1683448.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.666+/-0.011 χ^2/NDF : 3491054.4/20

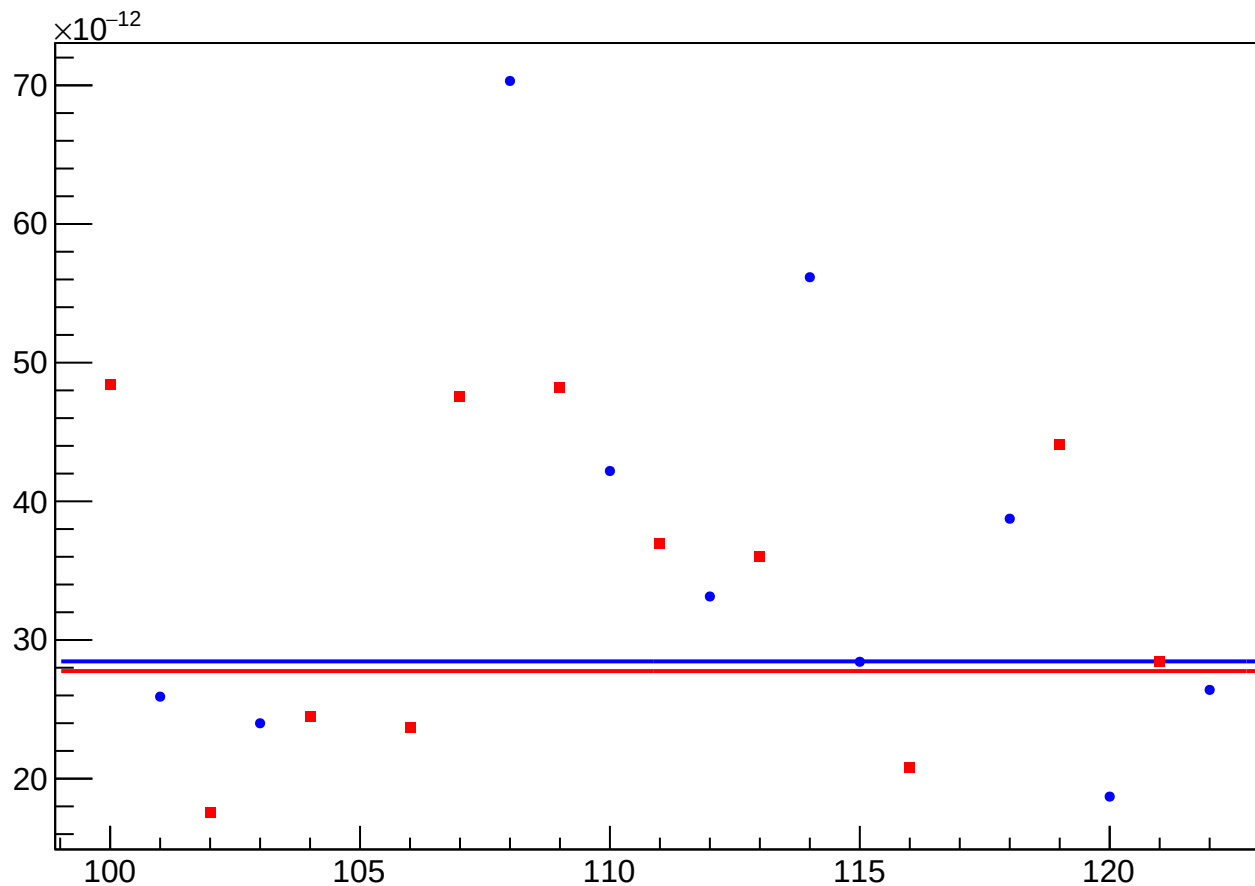
asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 10.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 21.6/20
 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 : 21.6/20

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 : 620539.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

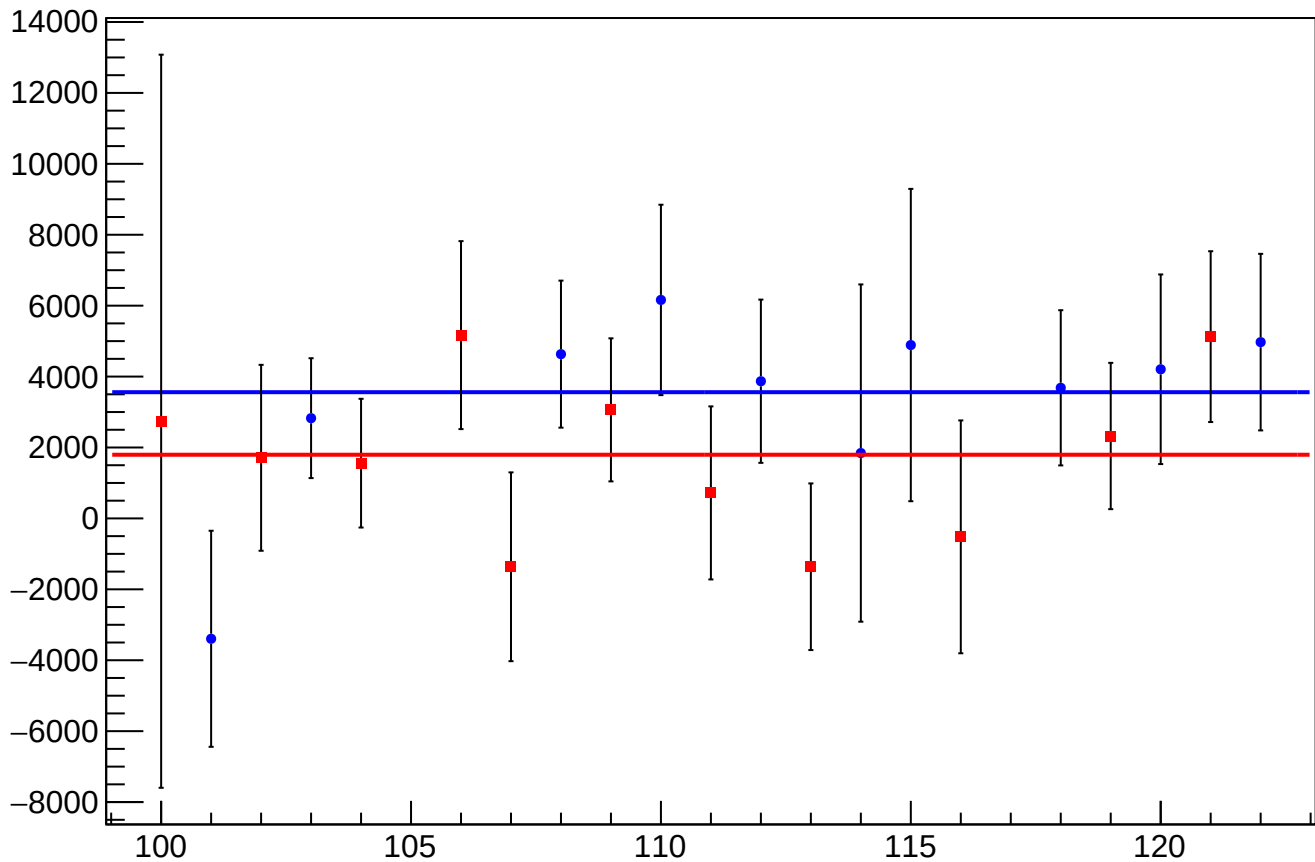
Right: 0.000+/-0.000 χ^2/NDF : 1096785.7/20

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 : 1096785.7/20

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: 1795.686+/-737.886 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

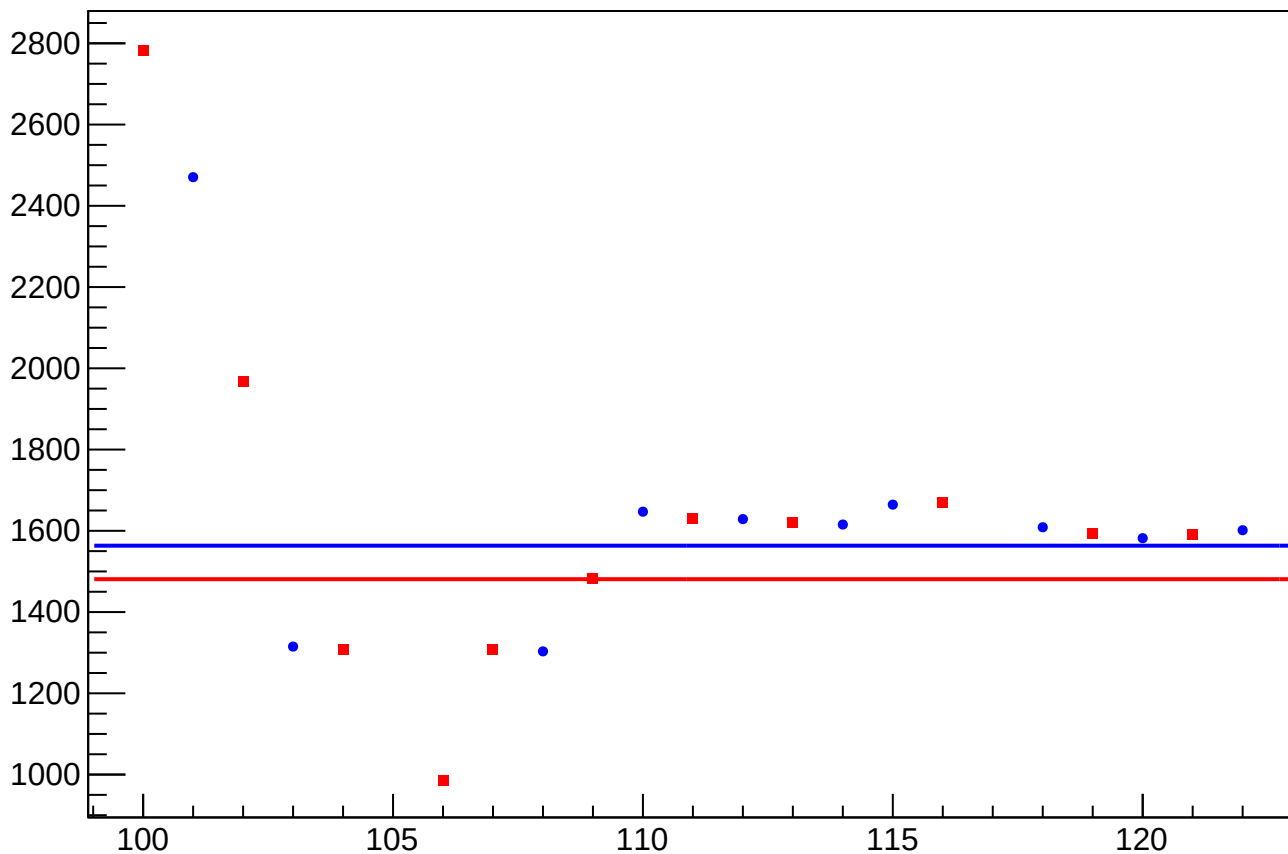
Right: 2623.428+/-537.589 χ^2/NDF : 17.8/20

In: 3559.801+/-784.813 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2623.428+/-537.589 χ^2/NDF : 17.8/20

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: 1480.973+/-0.508 χ^2/NDF : 276563.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

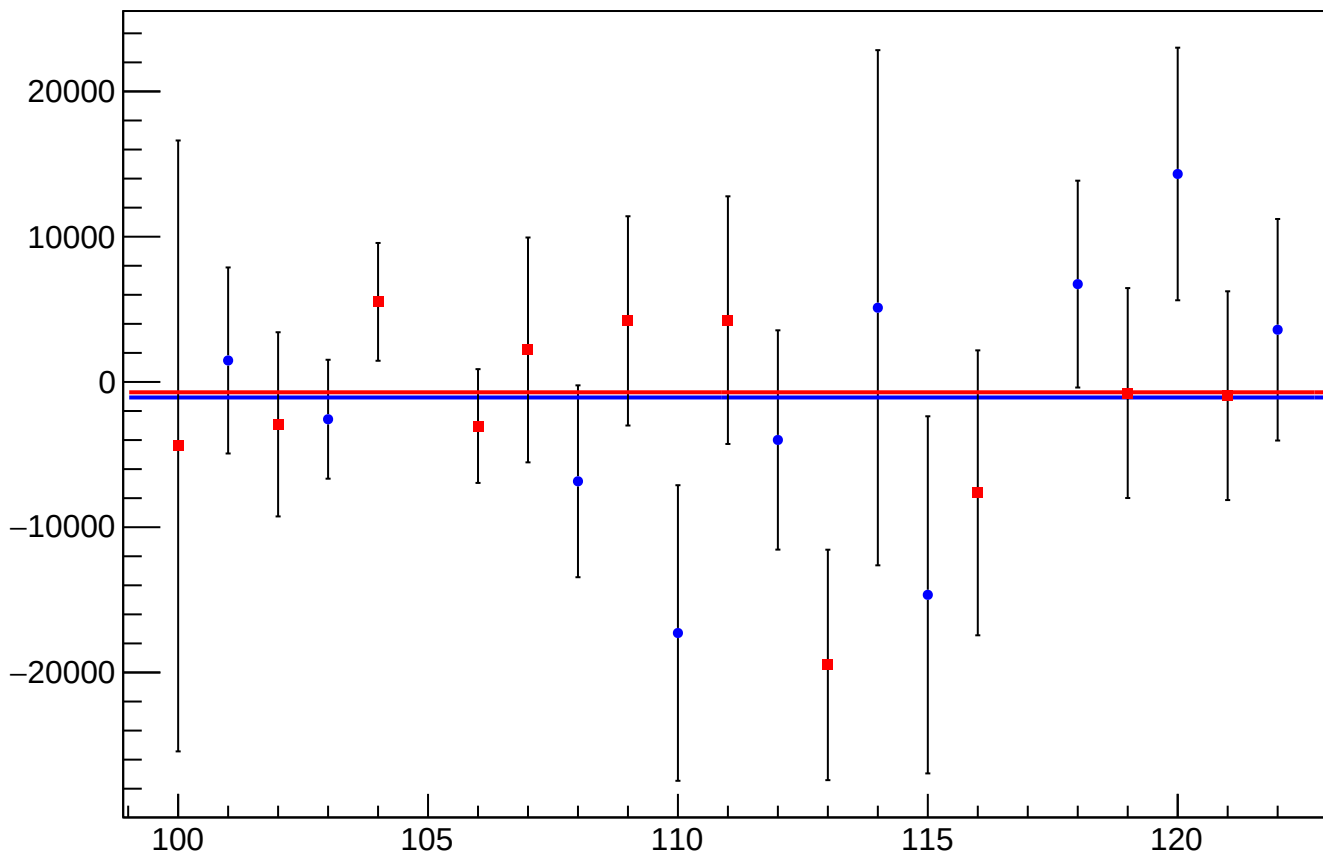
Right: 1518.561+/-0.375 χ^2/NDF : 546756.7/20

In: 1563.376+/-0.555 χ^2/NDF : 258202.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1518.561+/-0.375 χ^2/NDF : 546756.7/20

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: -711.324+/-1932.796 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

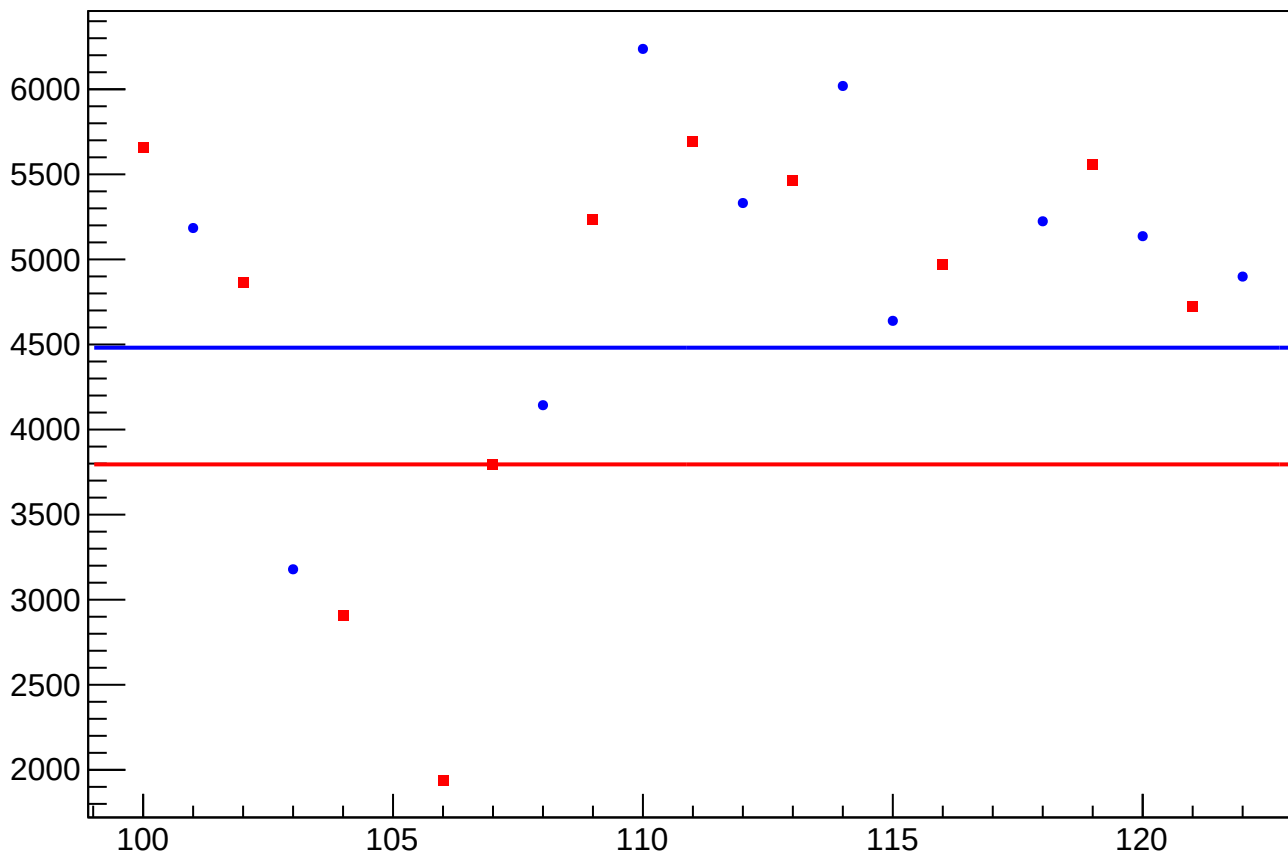
Right: -861.562+/-1471.484 χ^2/NDF : 19.7/20

In: -1068.706+/-2269.508 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -861.562+/-1471.484 χ^2/NDF : 19.7/20

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: 3795.284+/-1.367 χ^2/NDF : 1066802.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

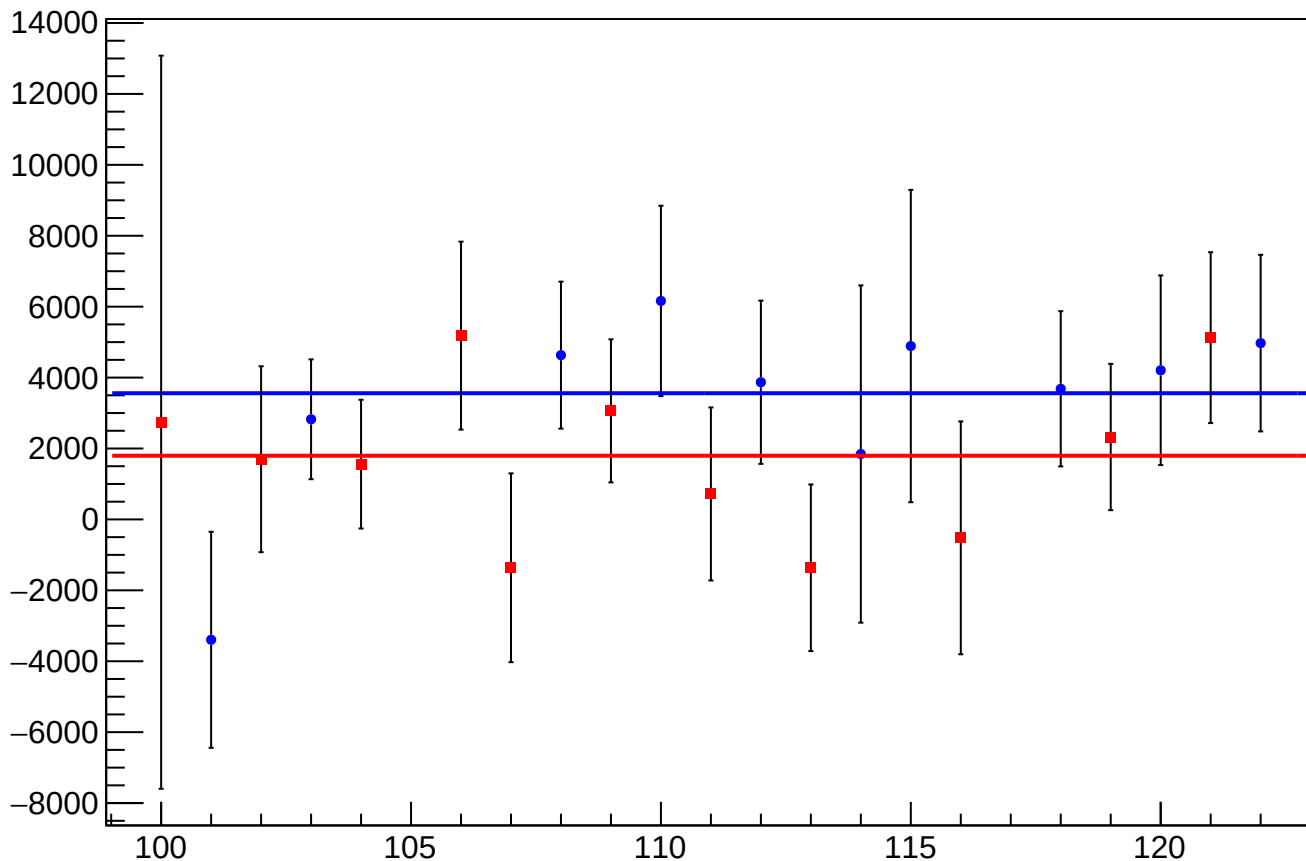
Right: 4083.643+/-1.040 χ^2/NDF : 1544006.2/20

In: 4481.223+/-1.605 χ^2/NDF : 371308.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4083.643+/-1.040 χ^2/NDF : 1544006.2/20

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: 1795.815+/-737.892 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

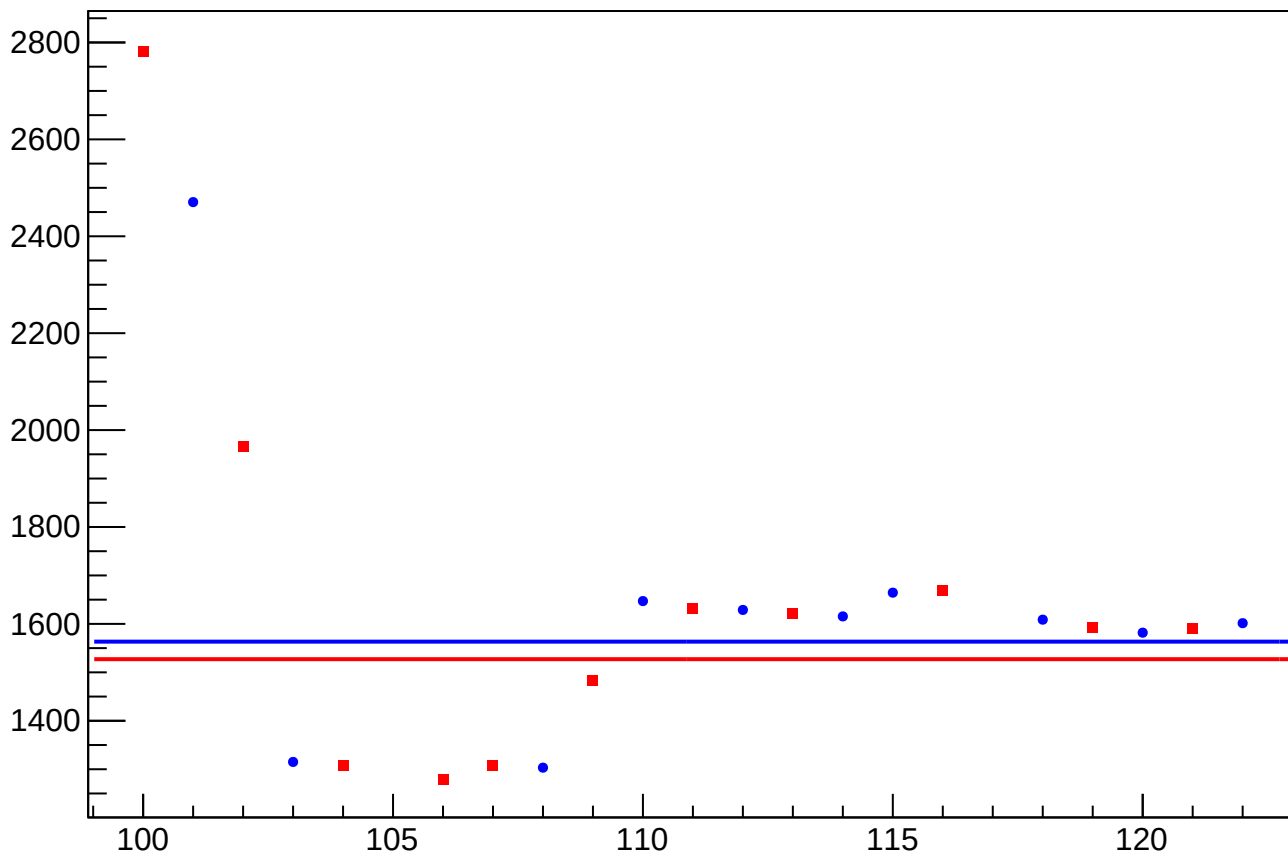
Right: 2623.262+/-537.591 χ^2/NDF : 17.8/20

In: 3559.287+/-784.813 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2623.262+/-537.591 χ^2/NDF : 17.8/20

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: 1527.165+/-0.519 χ^2/NDF : 164029.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

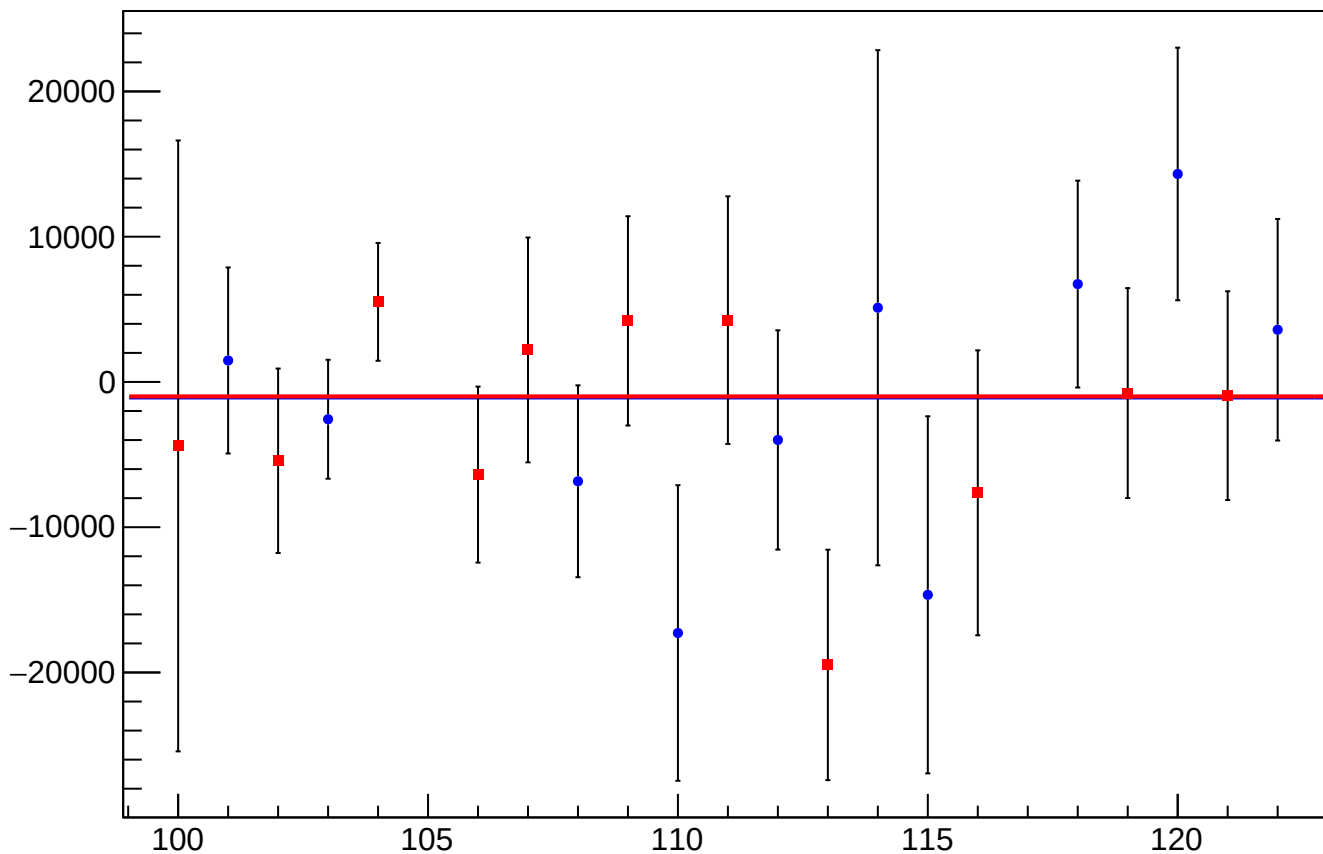
Right: 1544.044+/-0.379 χ^2/NDF : 424504.1/20

In: 1563.376+/-0.555 χ^2/NDF : 258201.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.044+/-0.379 χ^2/NDF : 424504.1/20

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: -994.971+/-2086.607 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

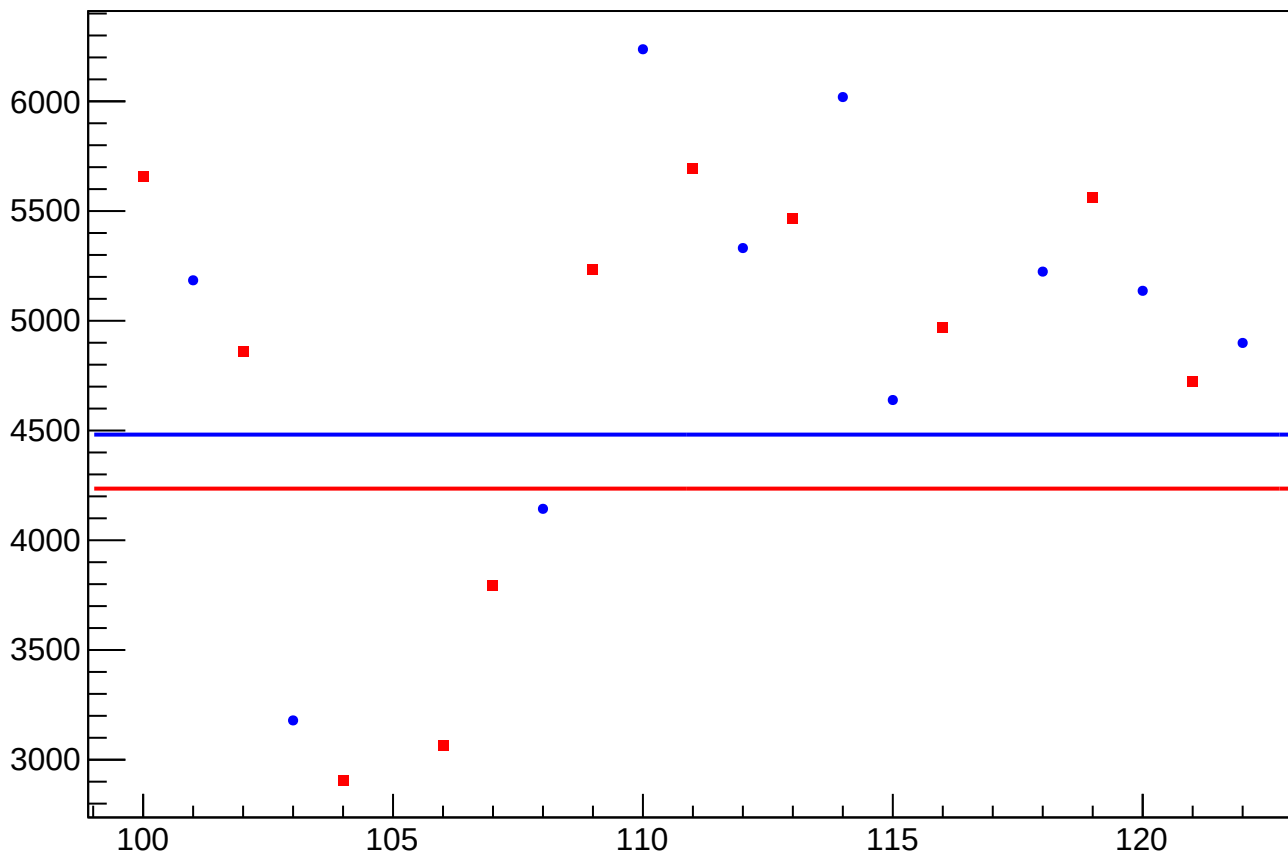
Right: -1028.894+/-1536.072 χ^2/NDF : 20.6/20

In: -1069.027+/-2269.578 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1028.894+/-1536.072 χ^2/NDF : 20.6/20

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: 4235.316+/-1.475 χ^2/NDF : 557141.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

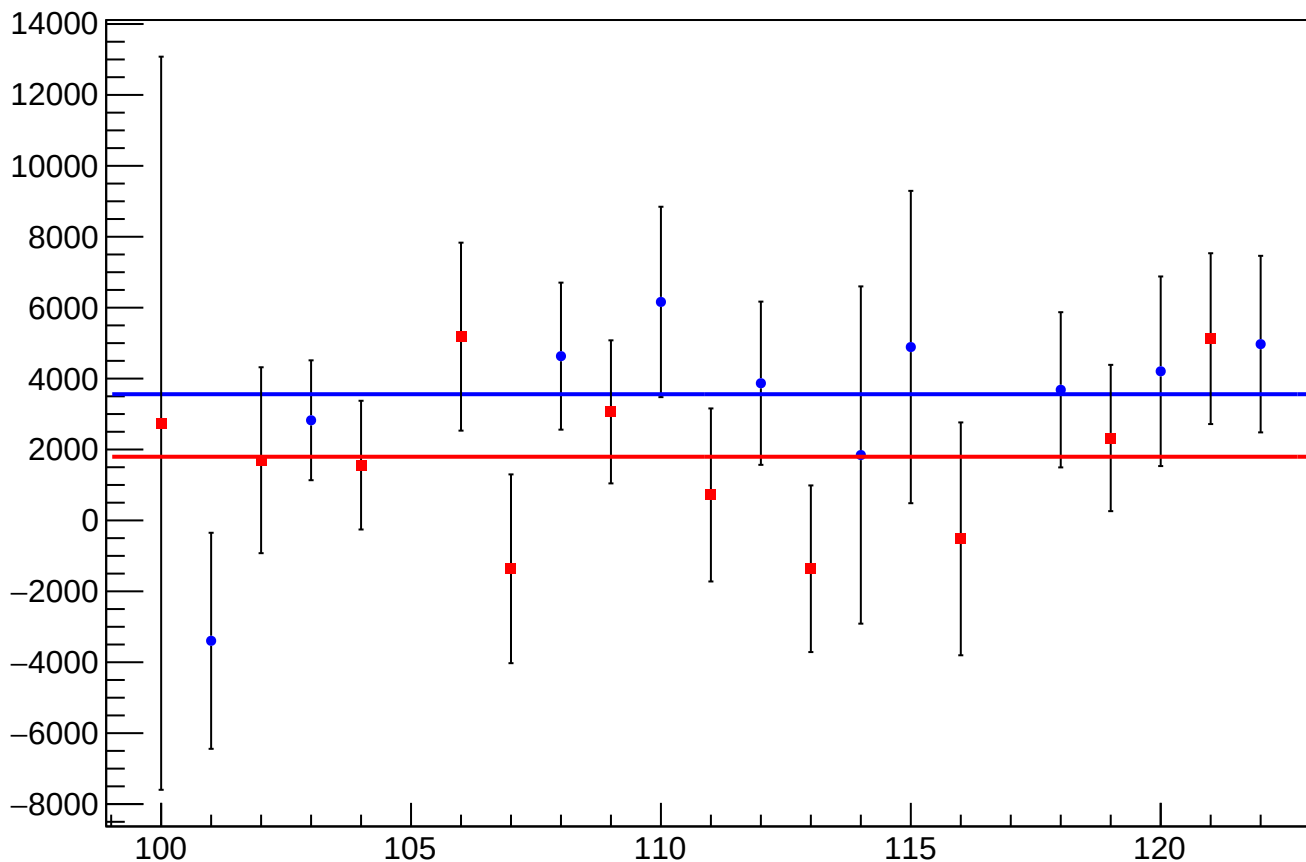
Right: 4348.045+/-1.086 χ^2/NDF : 941043.0/20

In: 4481.410+/-1.605 χ^2/NDF : 371158.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4348.045+/-1.086 χ^2/NDF : 941043.0/20

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: 1795.815+/-737.892 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

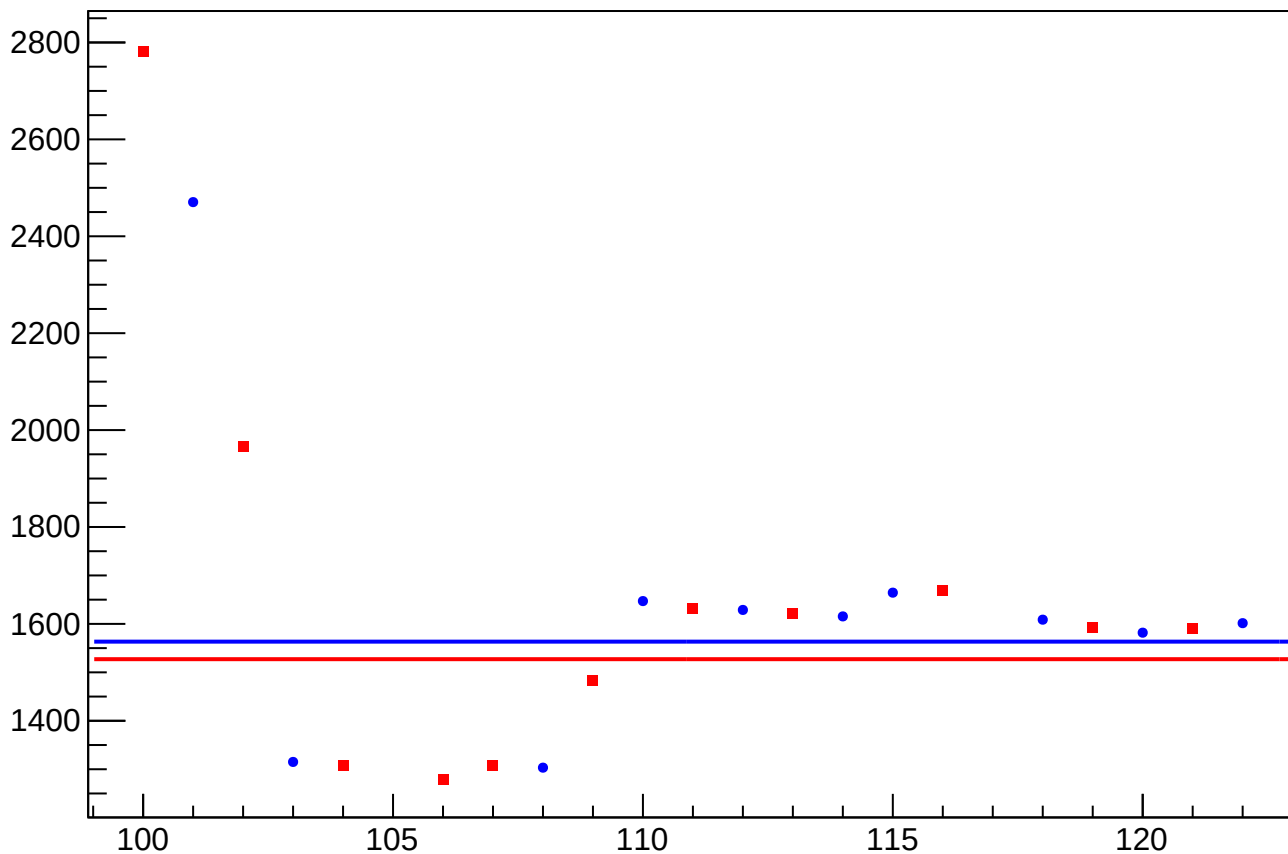
Right: 2623.262+/-537.591 χ^2/NDF : 17.8/20

In: 3559.287+/-784.813 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2623.262+/-537.591 χ^2/NDF : 17.8/20

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: 1527.165+/-0.519 χ^2/NDF : 164029.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

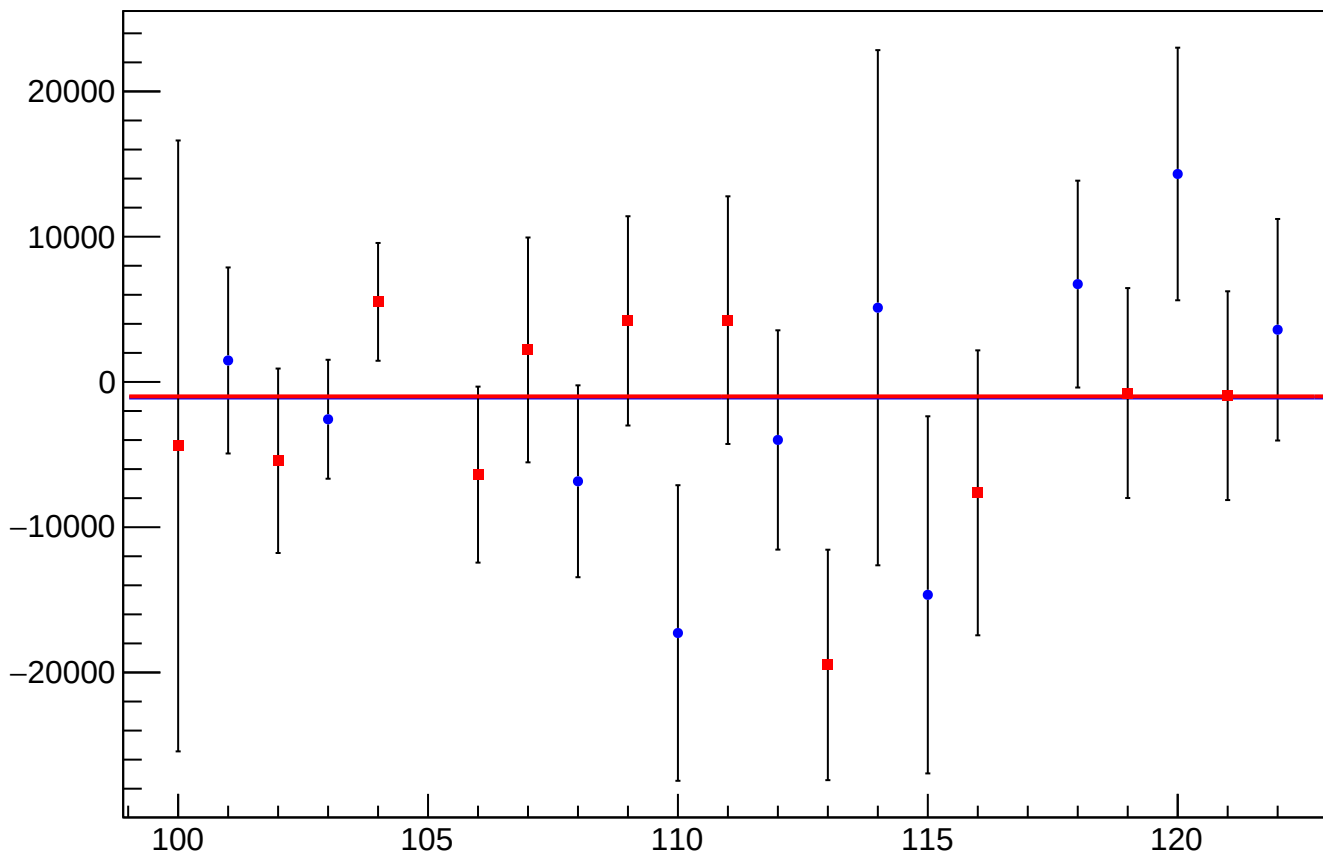
Right: 1544.044+/-0.379 χ^2/NDF : 424504.1/20

In: 1563.376+/-0.555 χ^2/NDF : 258201.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.044+/-0.379 χ^2/NDF : 424504.1/20

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: -994.971+/-2086.607 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

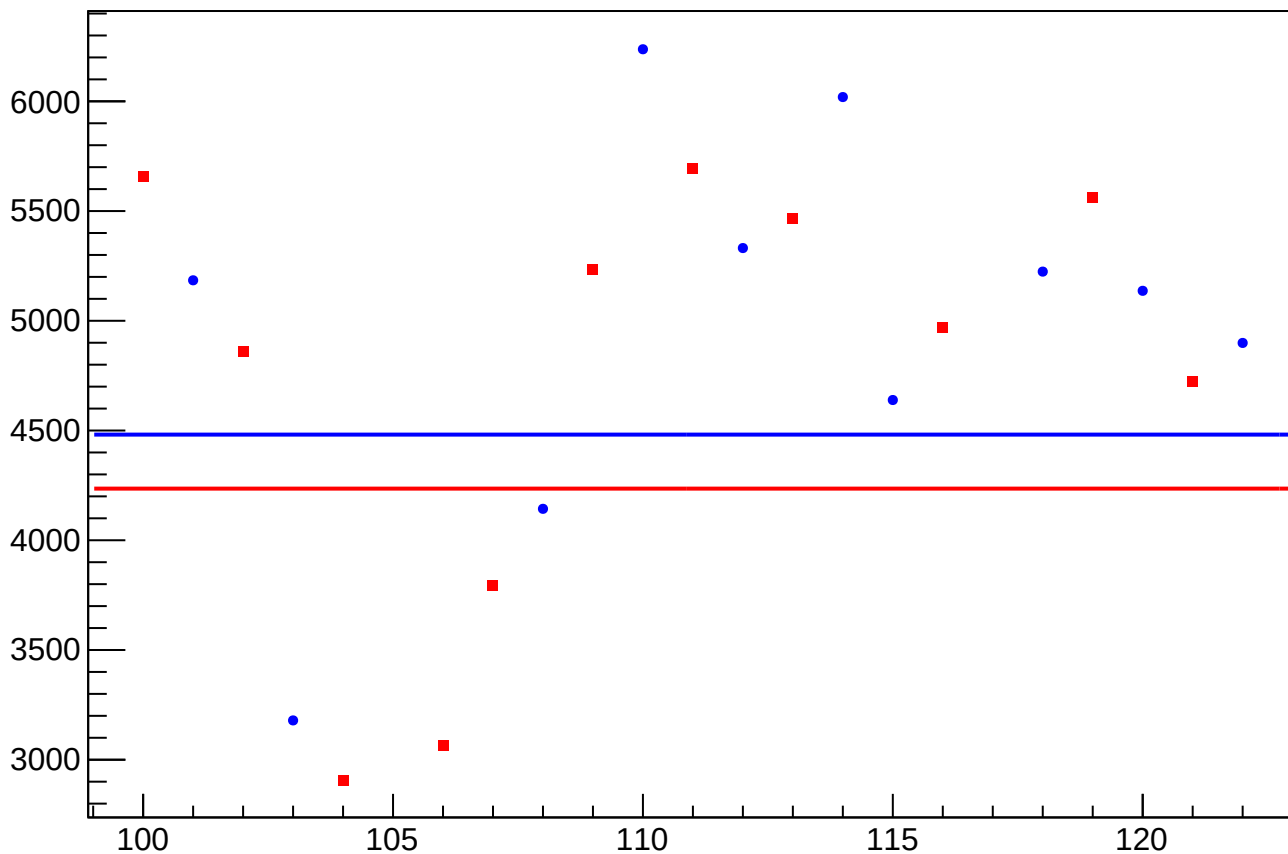
Right: -1028.894+/-1536.072 χ^2/NDF : 20.6/20

In: -1069.027+/-2269.578 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1028.894+/-1536.072 χ^2/NDF : 20.6/20

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: 4235.316+/-1.475 χ^2/NDF : 557141.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

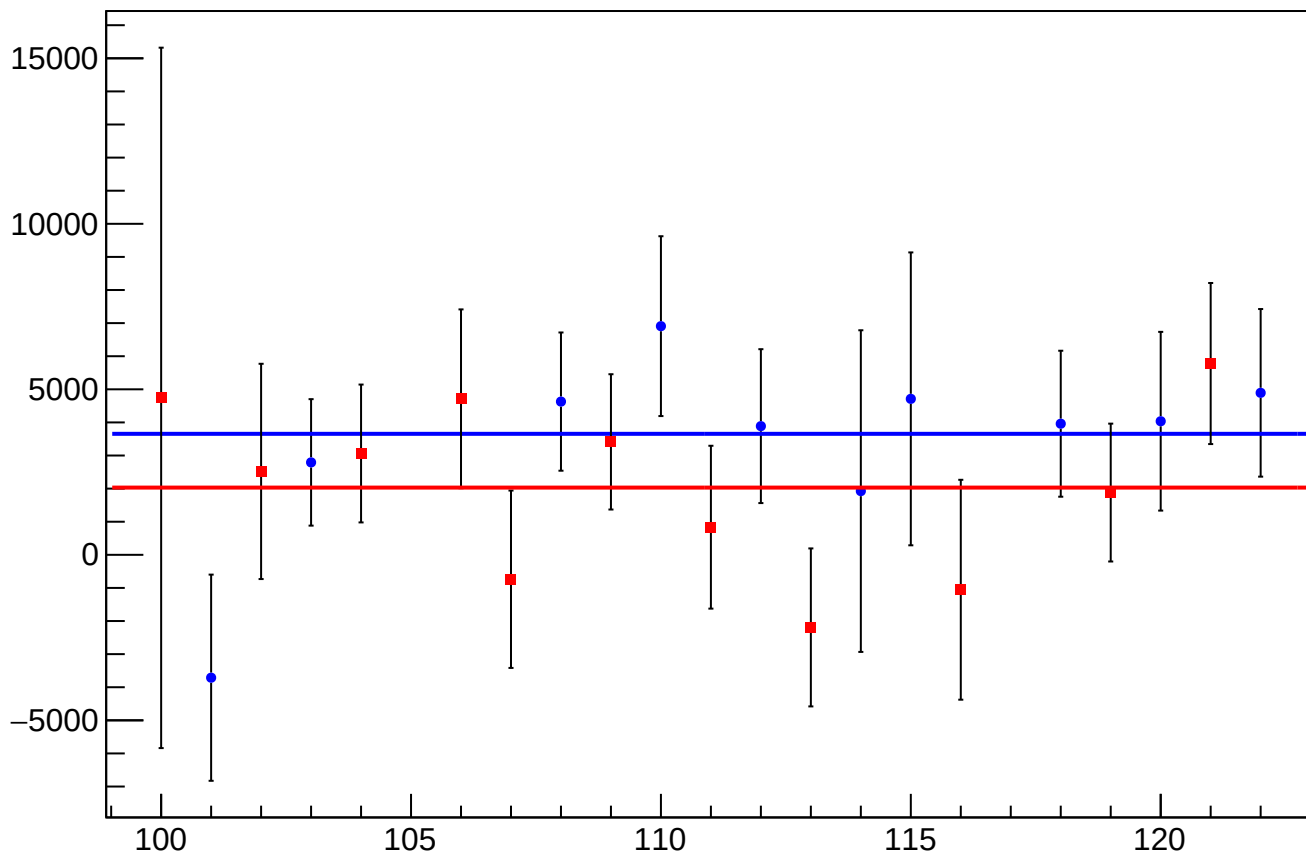
Right: 4348.045+/-1.086 χ^2/NDF : 941043.0/20

In: 4481.410+/-1.605 χ^2/NDF : 371158.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4348.045+/-1.086 χ^2/NDF : 941043.0/20

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: 2031.125+/-771.295 χ^2 /NDF: 9.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

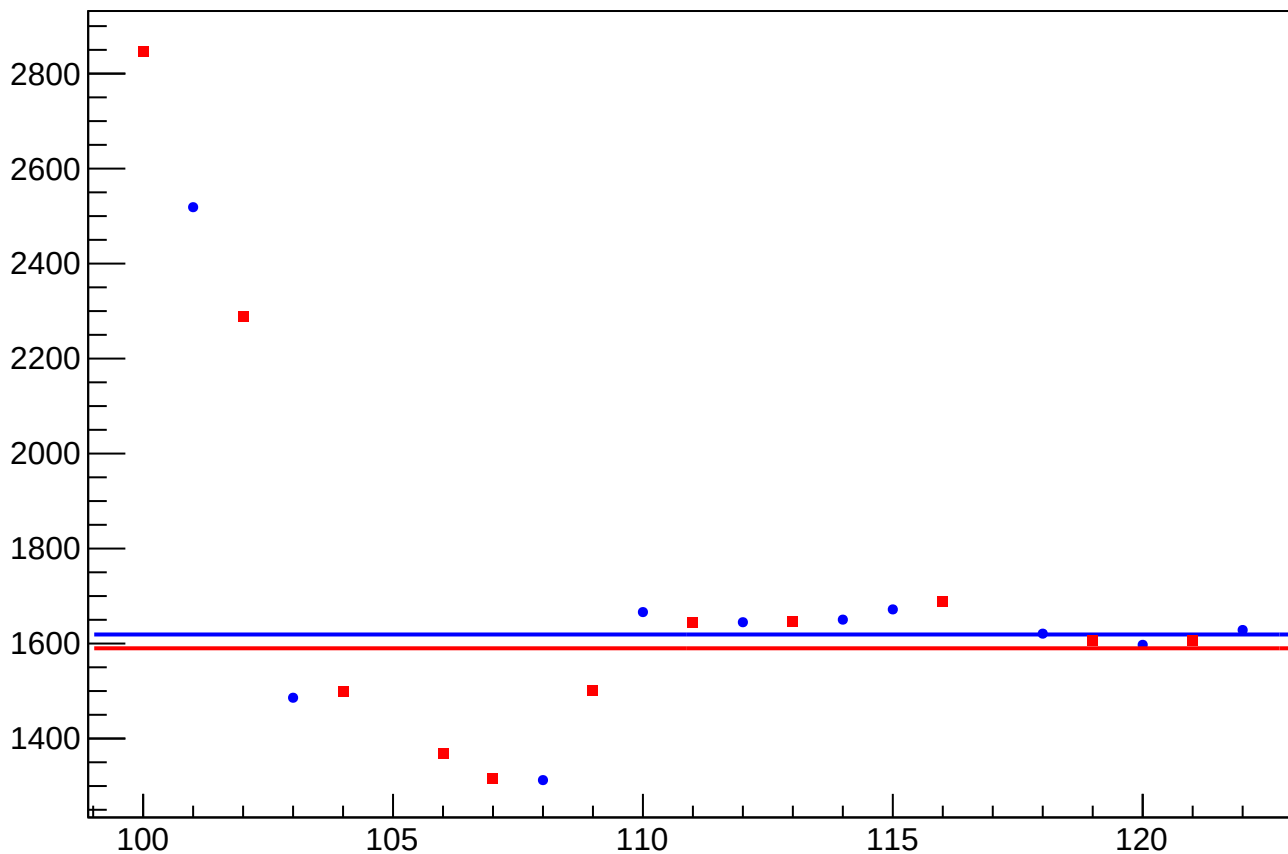
Right: 2802.256+/-558.986 χ^2 /NDF: 19.5/20

In: 3655.391+/-811.271 χ^2 /NDF: 7.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2802.256+/-558.986 χ^2 /NDF: 19.5/20

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: 1590.001+/-0.545 χ^2/NDF : 166930.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

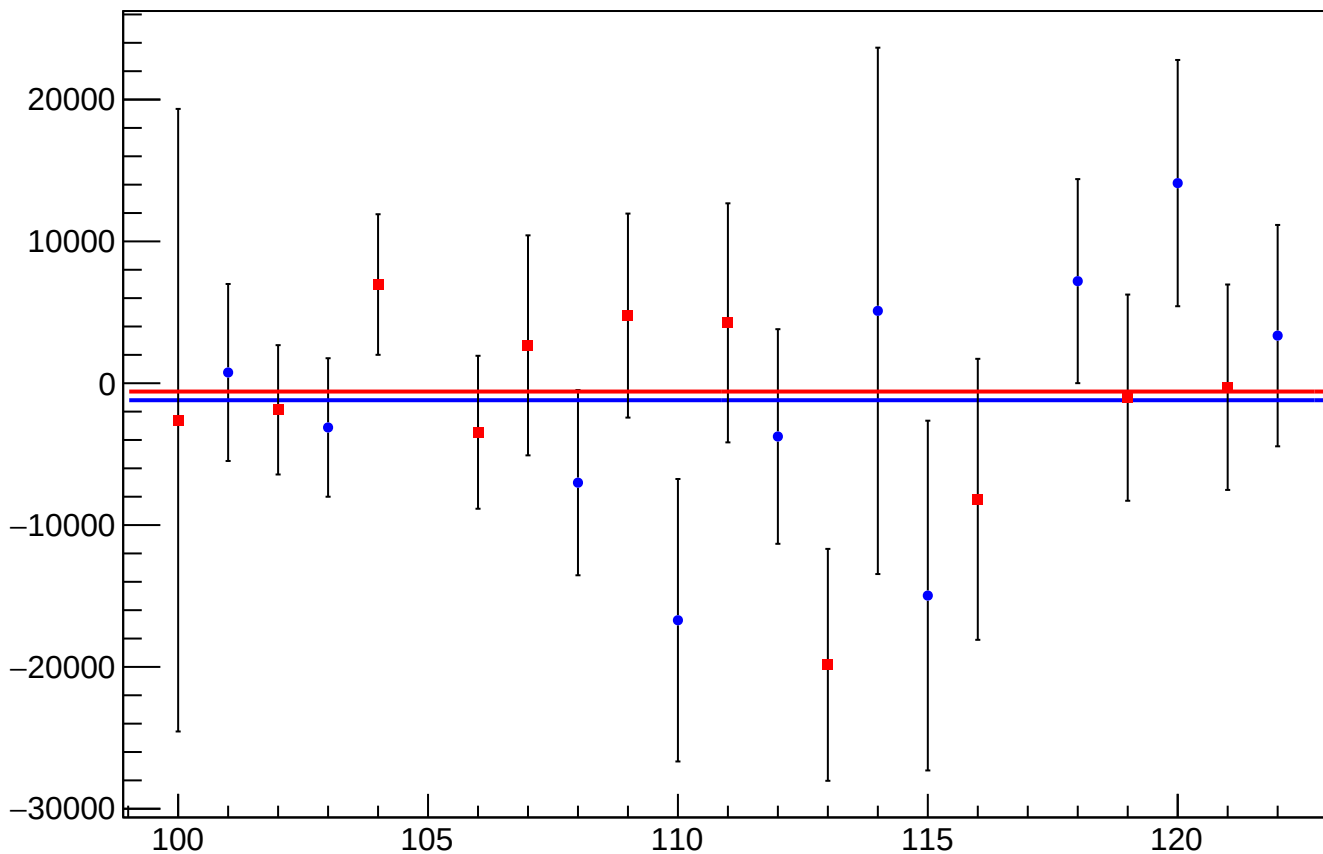
Right: 1603.786+/-0.395 χ^2/NDF : 389393.0/20

In: 1619.079+/-0.574 χ^2/NDF : 221110.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.786+/-0.395 χ^2/NDF : 389393.0/20

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: -585.503+/-2047.723 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

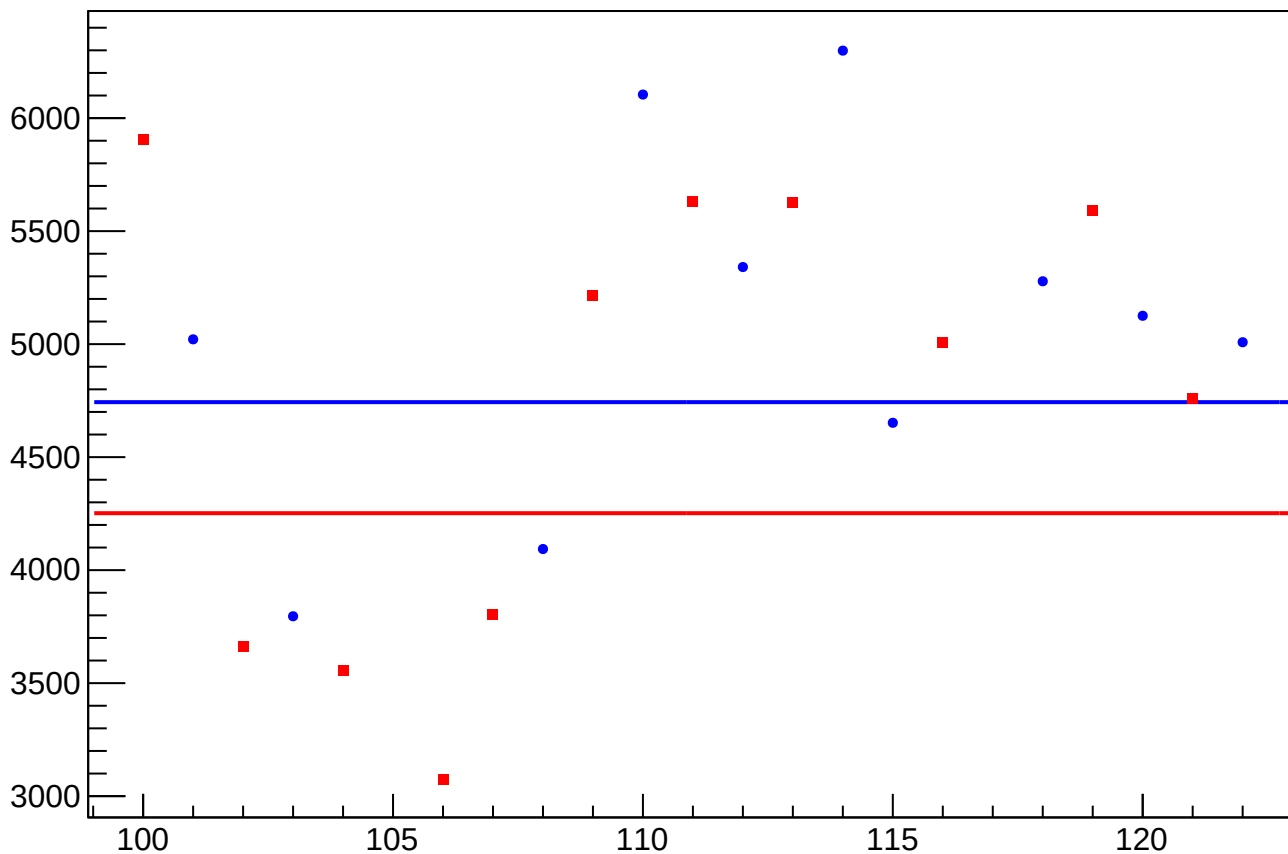
Right: -846.408+/-1551.134 χ^2/NDF : 19.7/20

In: -1197.661+/-2375.964 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -846.408+/-1551.134 χ^2/NDF : 19.7/20

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: 4252.034+/-1.448 χ^2/NDF : 421738.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

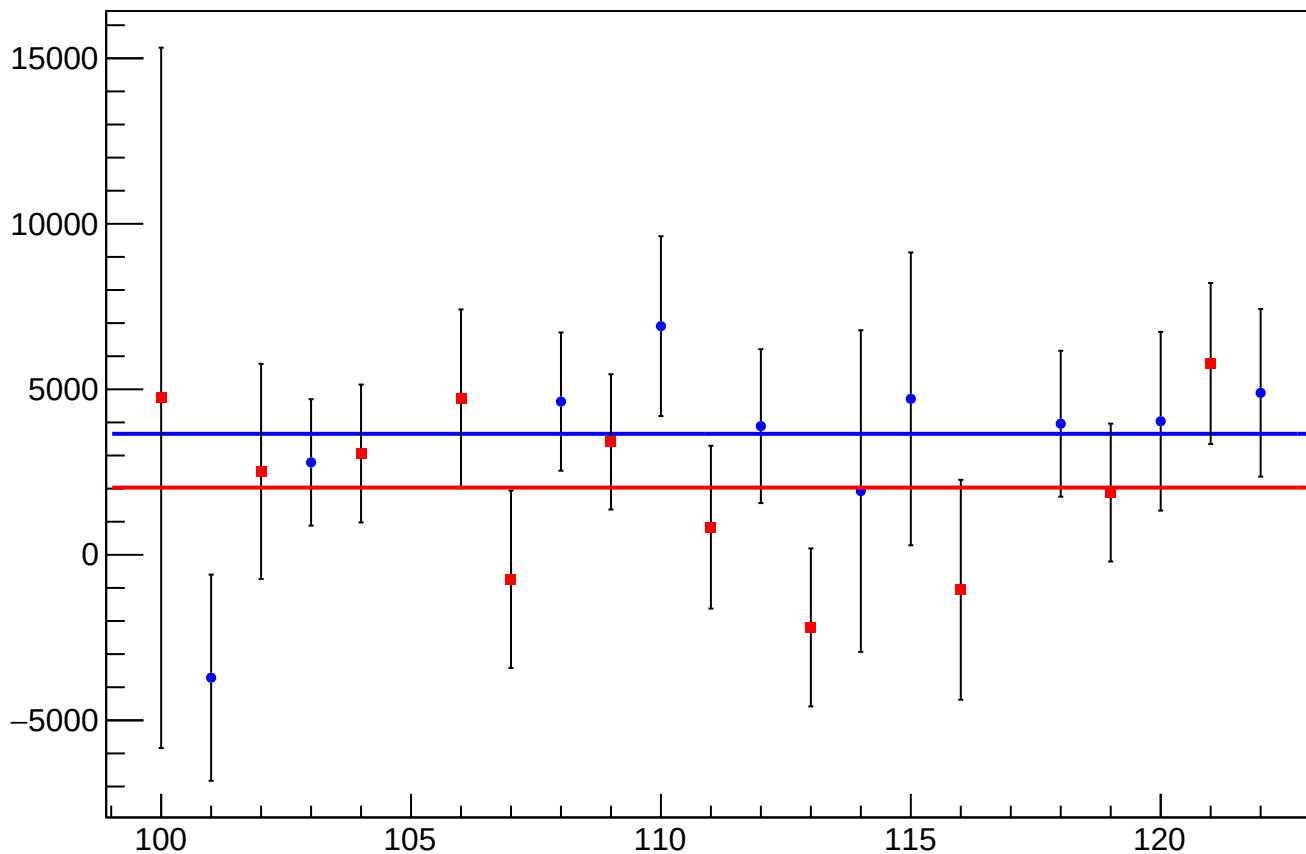
Right: 4461.425+/-1.097 χ^2/NDF : 651130.3/20

In: 4743.324+/-1.680 χ^2/NDF : 180325.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4461.425+/-1.097 χ^2/NDF : 651130.3/20

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: 2031.129+/-771.295 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

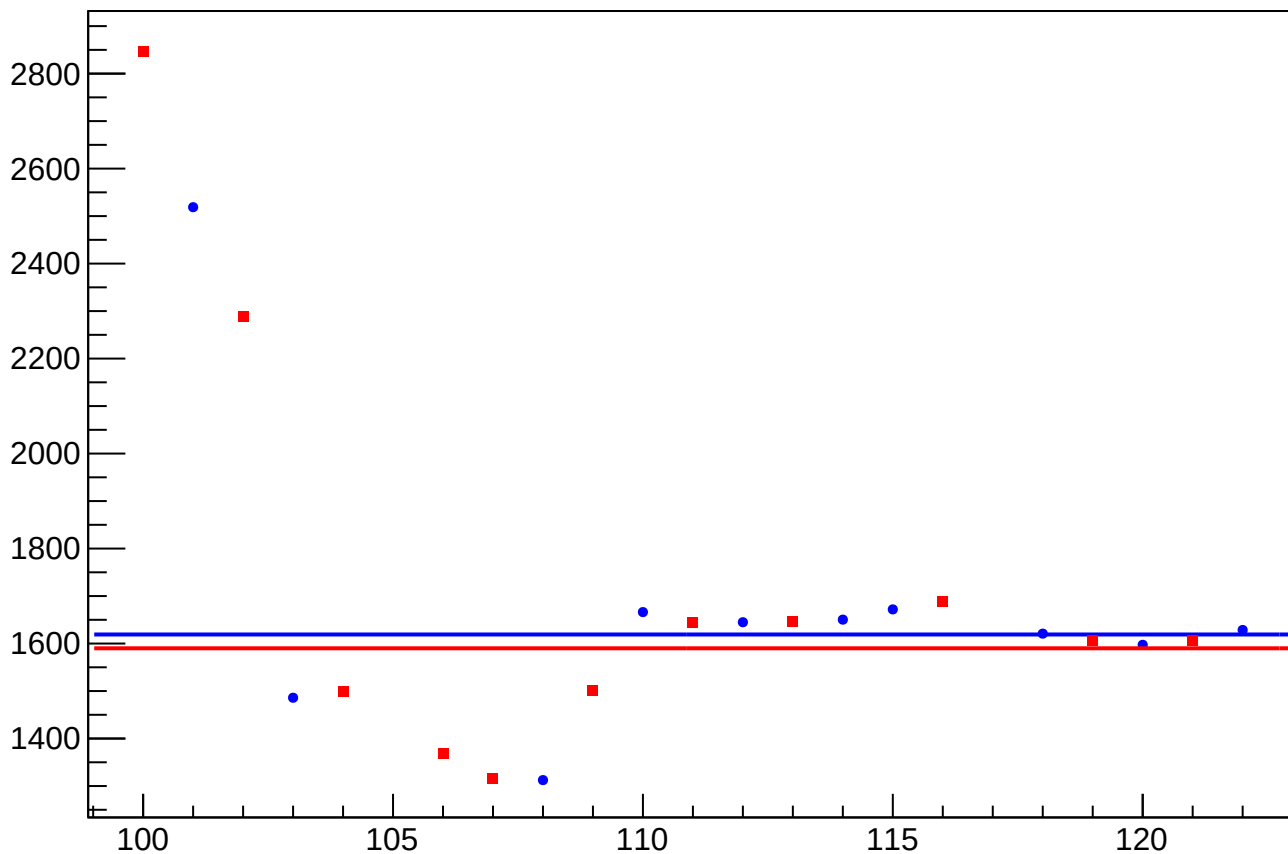
Right: 2802.254+/-558.986 χ^2/NDF : 19.5/20

In: 3655.383+/-811.270 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2802.254+/-558.986 χ^2/NDF : 19.5/20

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: 1590.000+/-0.545 χ^2/NDF : 166930.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

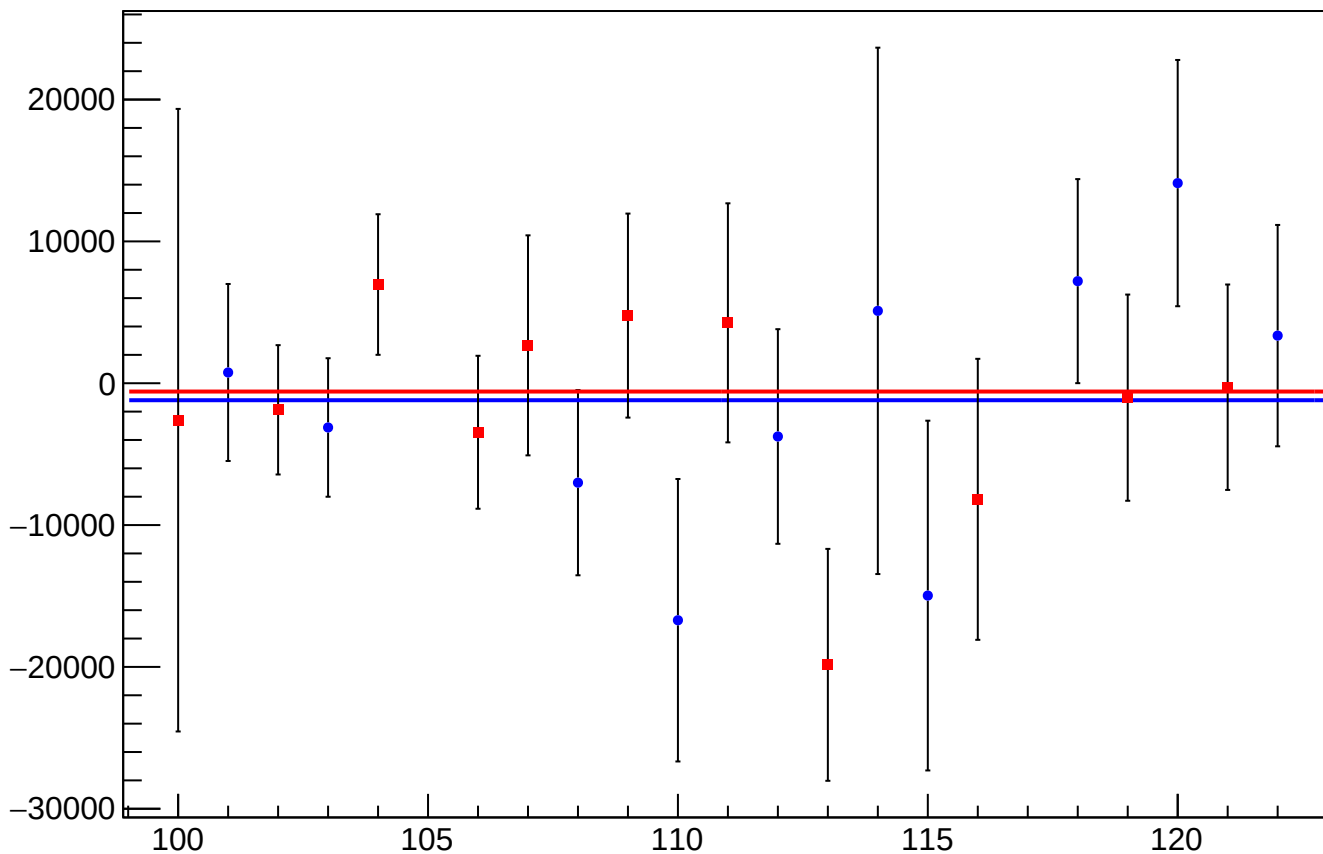
Right: 1603.785+/-0.395 χ^2/NDF : 389392.8/20

In: 1619.079+/-0.574 χ^2/NDF : 221110.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.785+/-0.395 χ^2/NDF : 389392.8/20

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: -585.505+/-2047.720 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

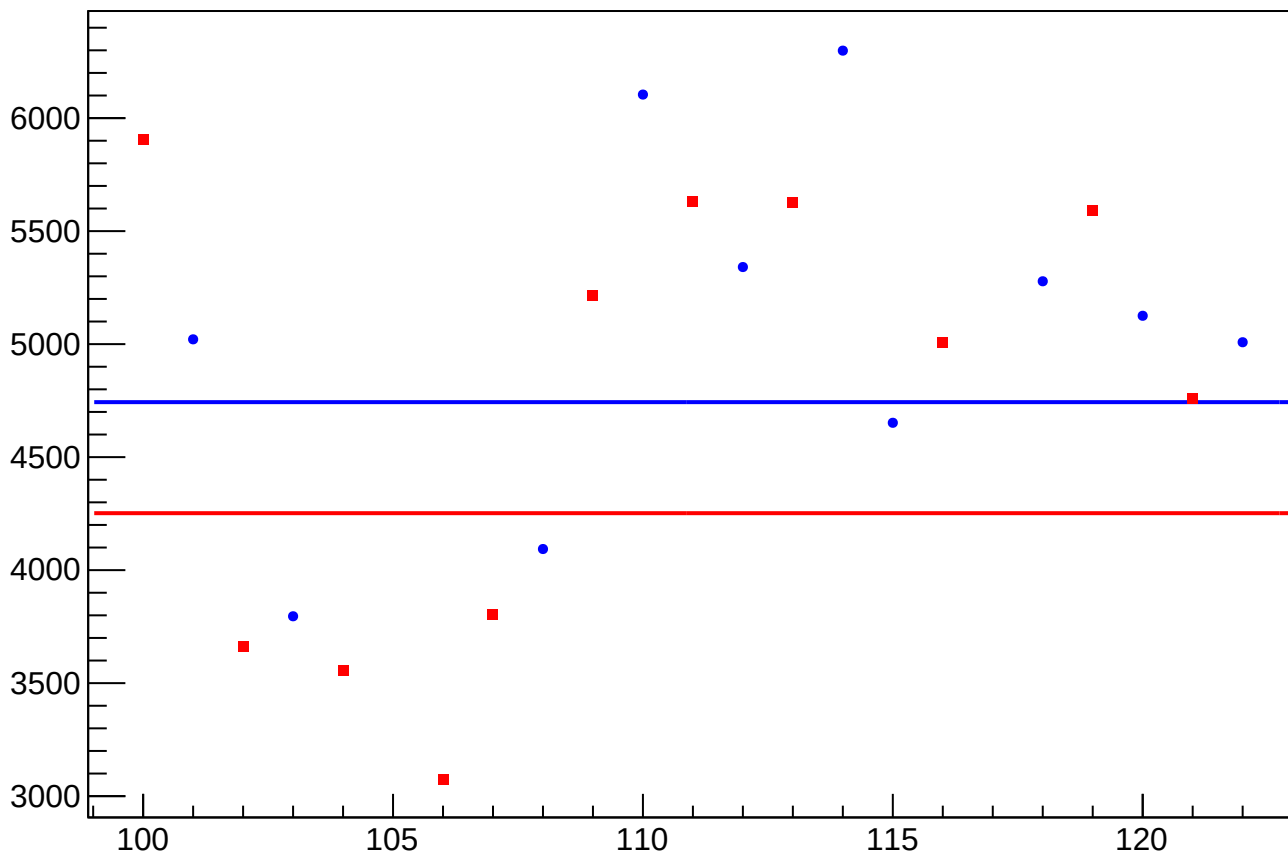
Right: -846.406+/-1551.131 χ^2/NDF : 19.7/20

In: -1197.653+/-2375.959 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -846.406+/-1551.131 χ^2/NDF : 19.7/20

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4743.316 ± 1.680 $\chi^2/\text{NDF}: 180321.8/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4252.027 ± 1.448 $\chi^2/\text{NDF}: 421735.9/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

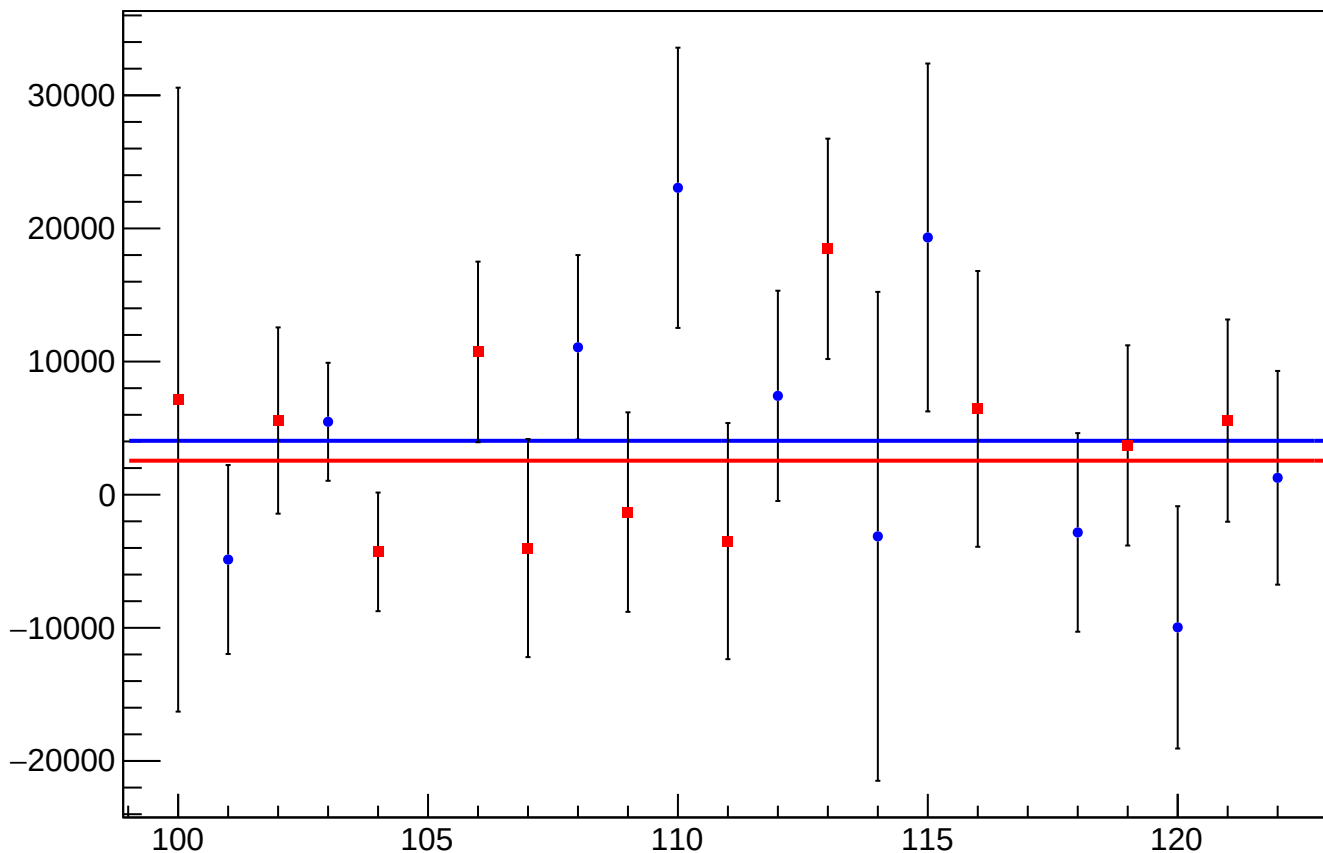
Right: 4461.417 ± 1.097 $\chi^2/\text{NDF}: 651123.8/20$

In: 4743.316 ± 1.680 $\chi^2/\text{NDF}: 180321.8/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4461.417 ± 1.097 $\chi^2/\text{NDF}: 651123.8/20$

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: 2554.741+/-2243.067 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

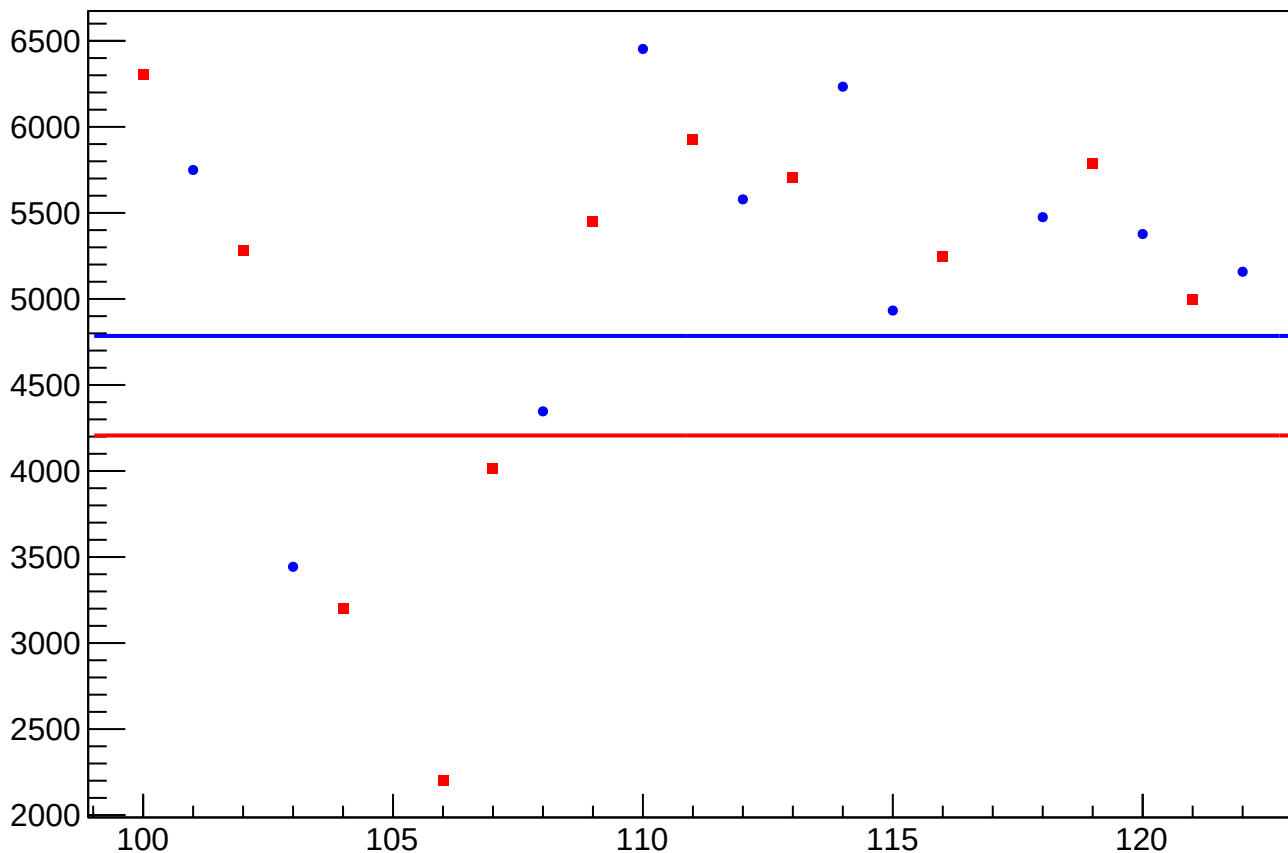
Right: 3245.479+/-1644.404 χ^2/NDF : 20.6/20

In: 4048.046+/-2417.832 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3245.479+/-1644.404 χ^2/NDF : 20.6/20

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: 4206.448+/-1.502 χ^2/NDF : 851771.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

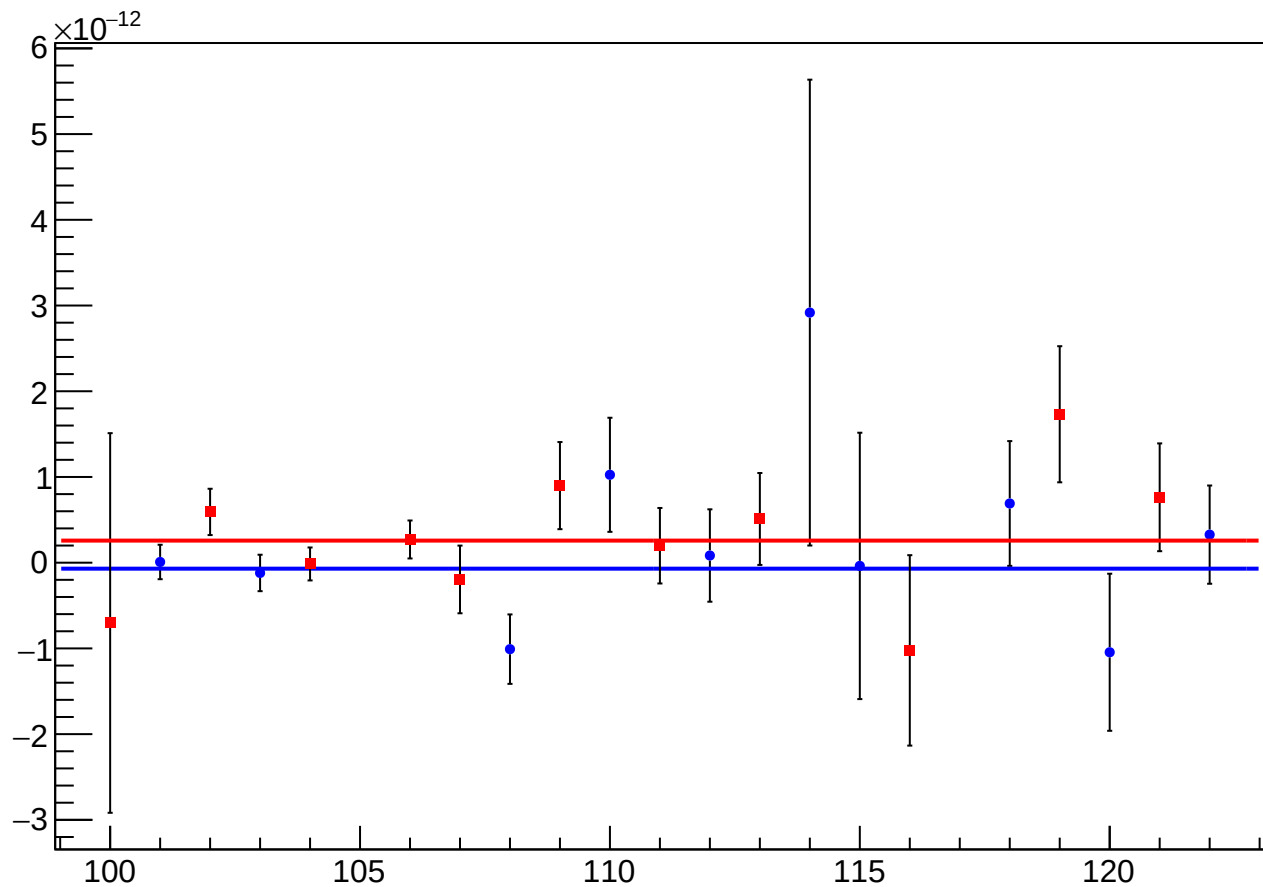
Right: 4458.444+/-1.128 χ^2/NDF : 1257729.4/20

In: 4785.004+/-1.710 χ^2/NDF : 341320.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4458.444+/-1.128 χ^2/NDF : 1257729.4/20

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 : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

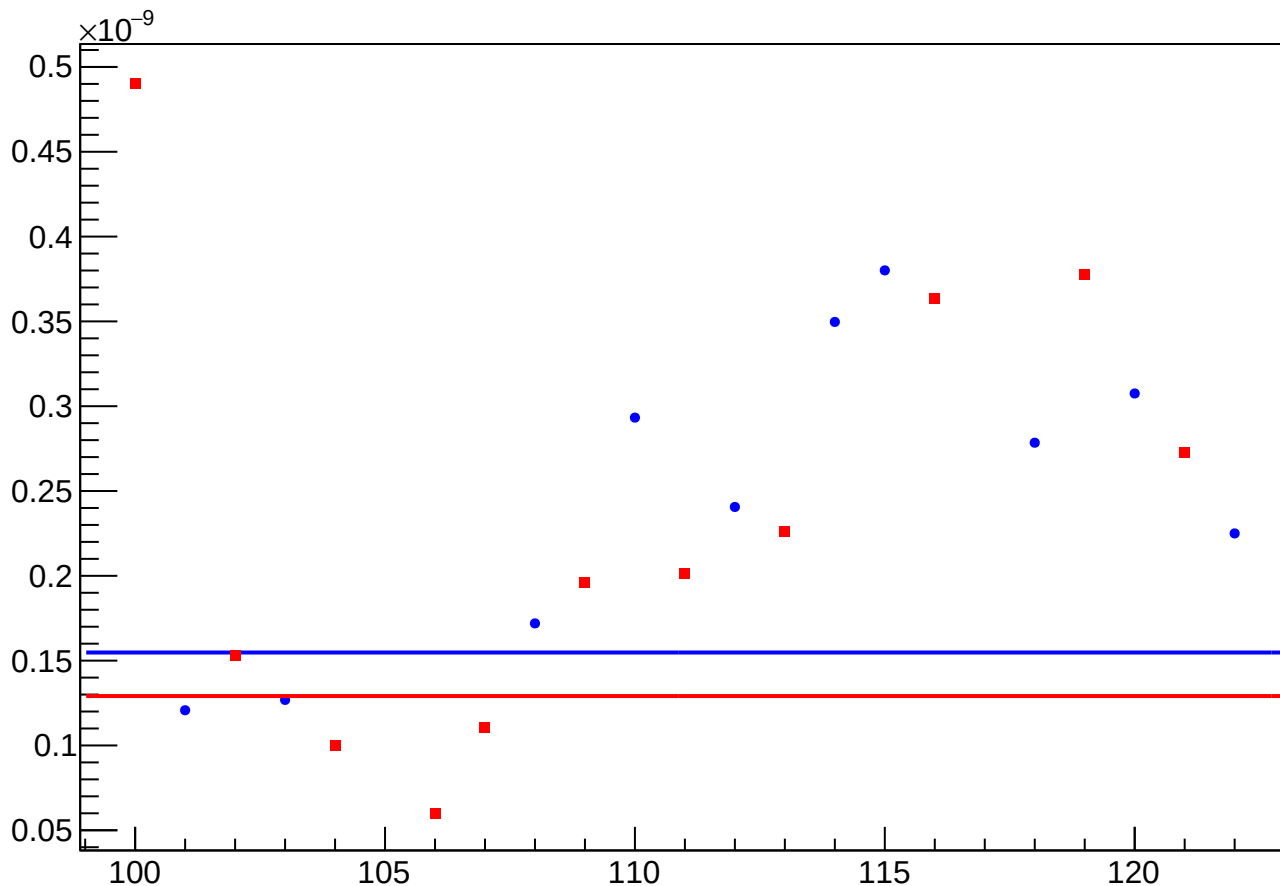
Right: 0.000+/-0.000 χ^2/NDF : 28.6/20

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 : 28.6/20

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 : 859354.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

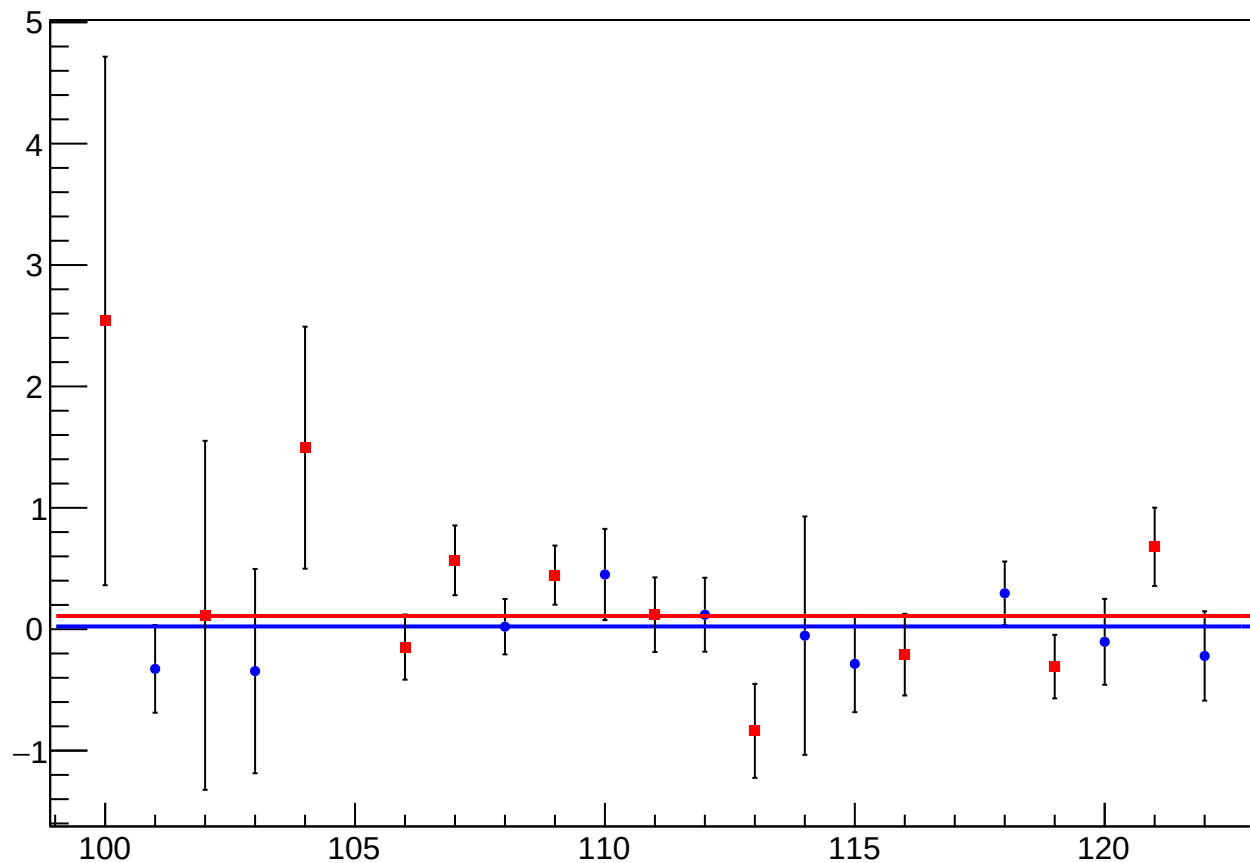
Right: 0.000+/-0.000 χ^2/NDF : 1336719.4/20

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 : 1336719.4/20

asym_usr_atr2_avg_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: 0.109+/-0.103 χ^2/NDF : 21.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

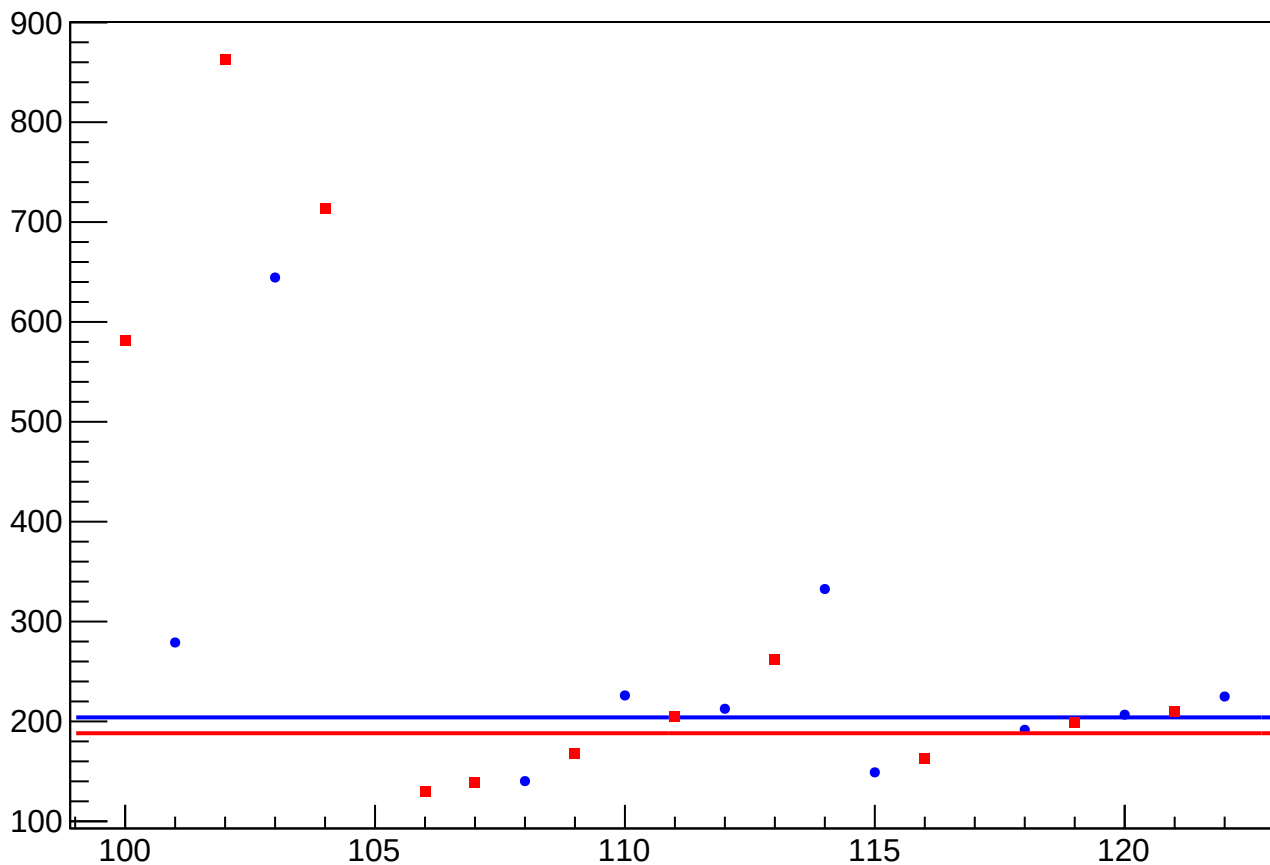
Right: 0.068+/-0.075 χ^2/NDF : 26.2/20

In: 0.023+/-0.109 χ^2/NDF :4.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.068+/-0.075 χ^2/NDF : 26.2/20

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: 188.192+/-0.073 χ^2/NDF : 1328859.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

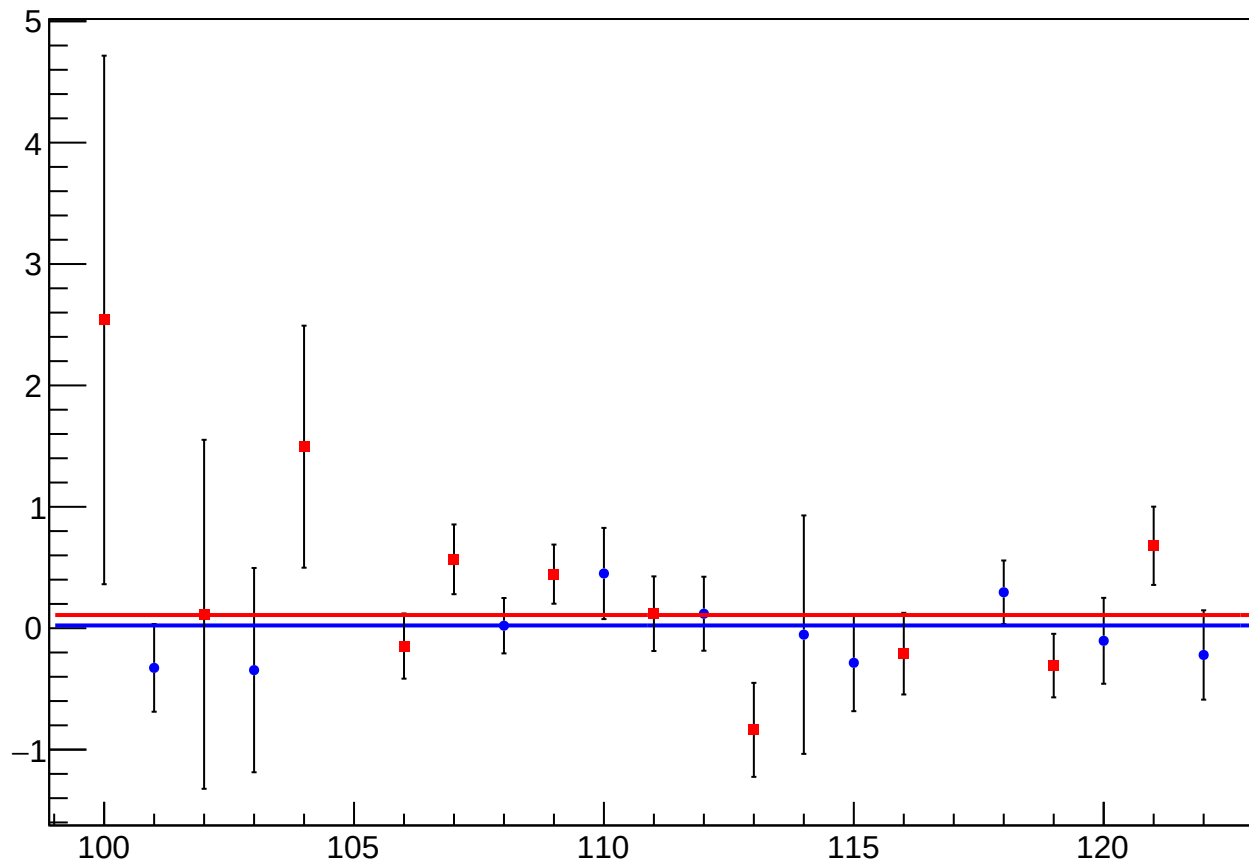
Right: 195.612+/-0.053 χ^2/NDF : 2233584.1/20

In: 204.047+/-0.077 χ^2/NDF : 882405.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.612+/-0.053 χ^2/NDF : 2233584.1/20

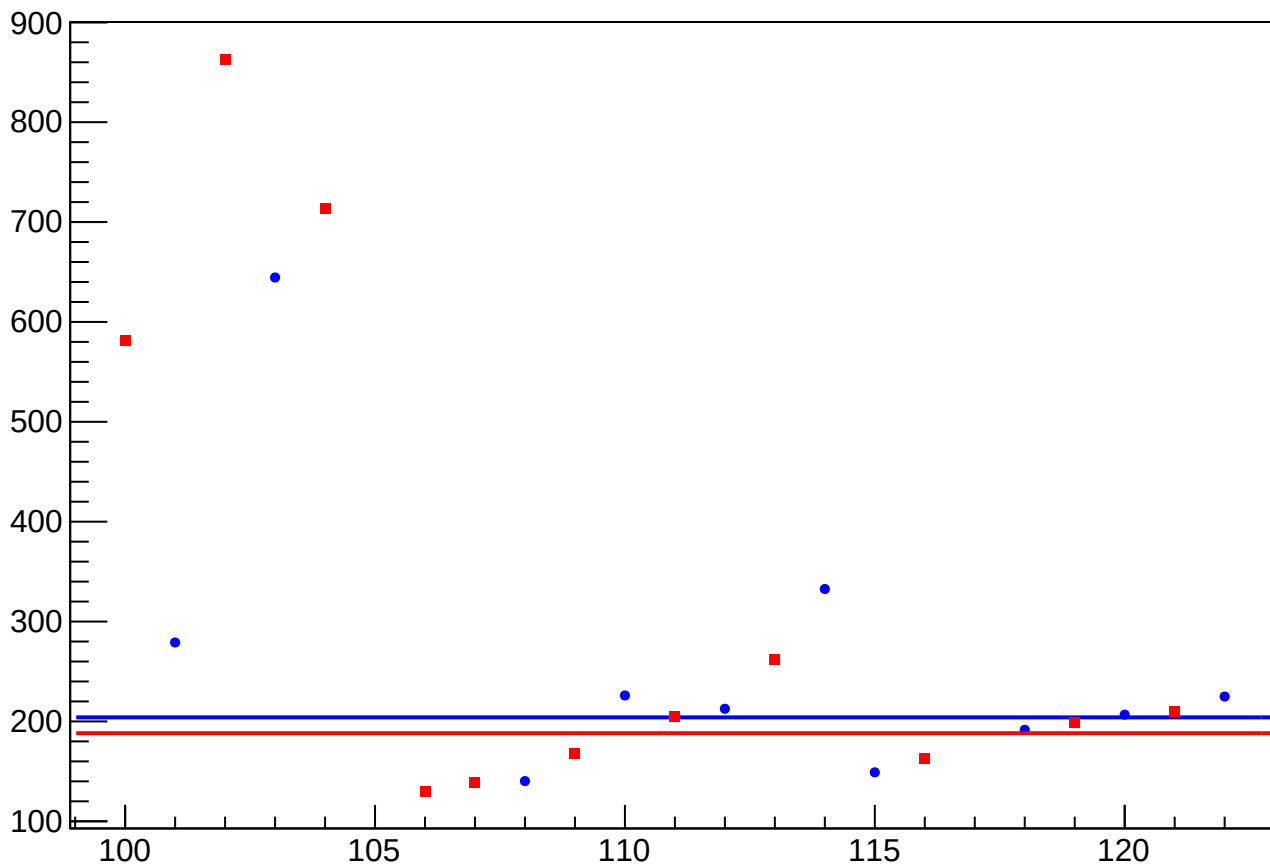
asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: 0.109+/-0.103 χ^2/NDF : 21.1/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.068+/-0.075 χ^2/NDF : 26.2/20
 In: 0.023+/-0.109 χ^2/NDF :4.8/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.068+/-0.075 χ^2/NDF : 26.2/20

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: 188.192+/-0.073 χ^2/NDF : 1328859.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

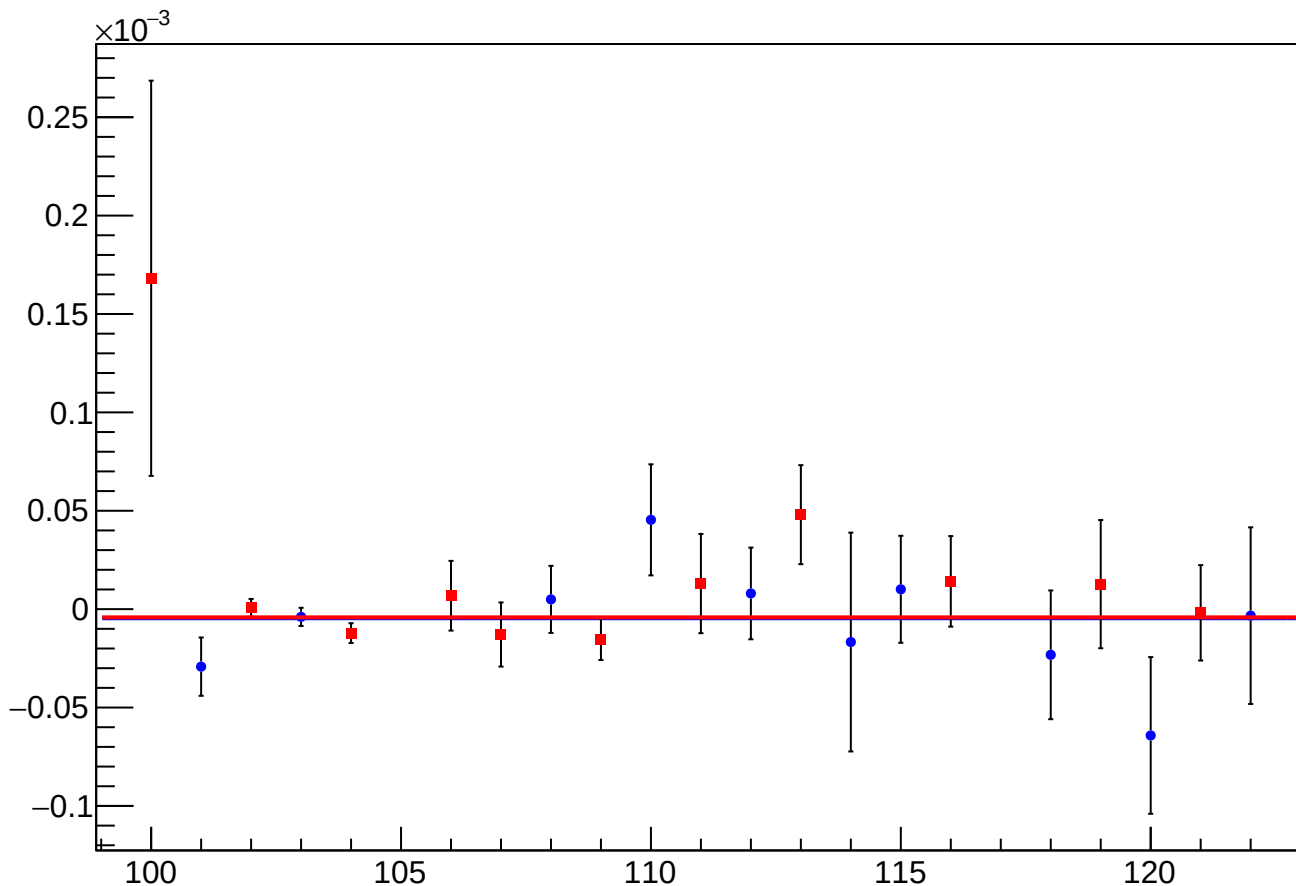
Right: 195.612+/-0.053 χ^2/NDF : 2233584.1/20

In: 204.047+/-0.077 χ^2/NDF : 882405.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.612+/-0.053 χ^2/NDF : 2233584.1/20

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 : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

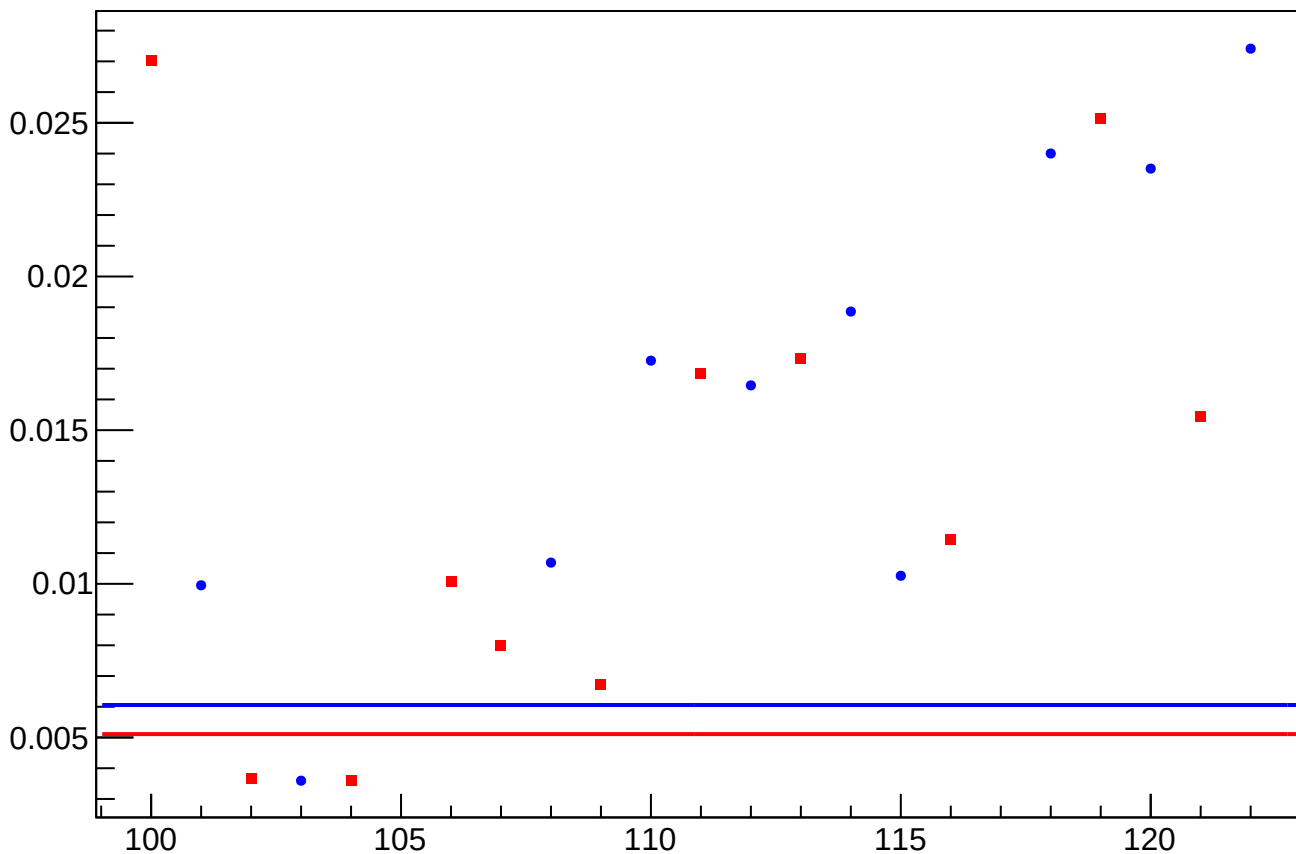
Right: -0.000+/-0.000 χ^2/NDF : 23.5/20

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 : 23.5/20

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 : 2917357.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

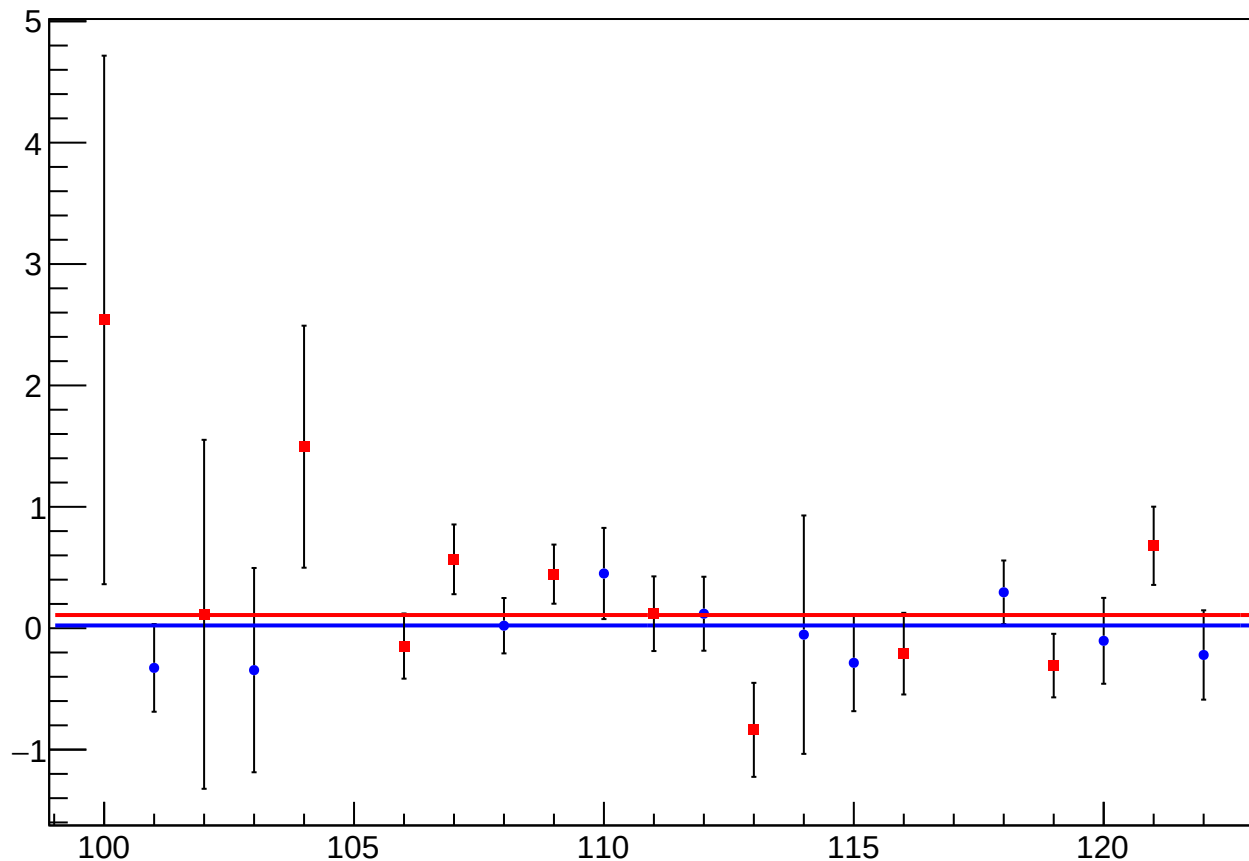
Right: 0.005+/-0.000 χ^2/NDF : 6148373.1/20

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 : 6148373.1/20

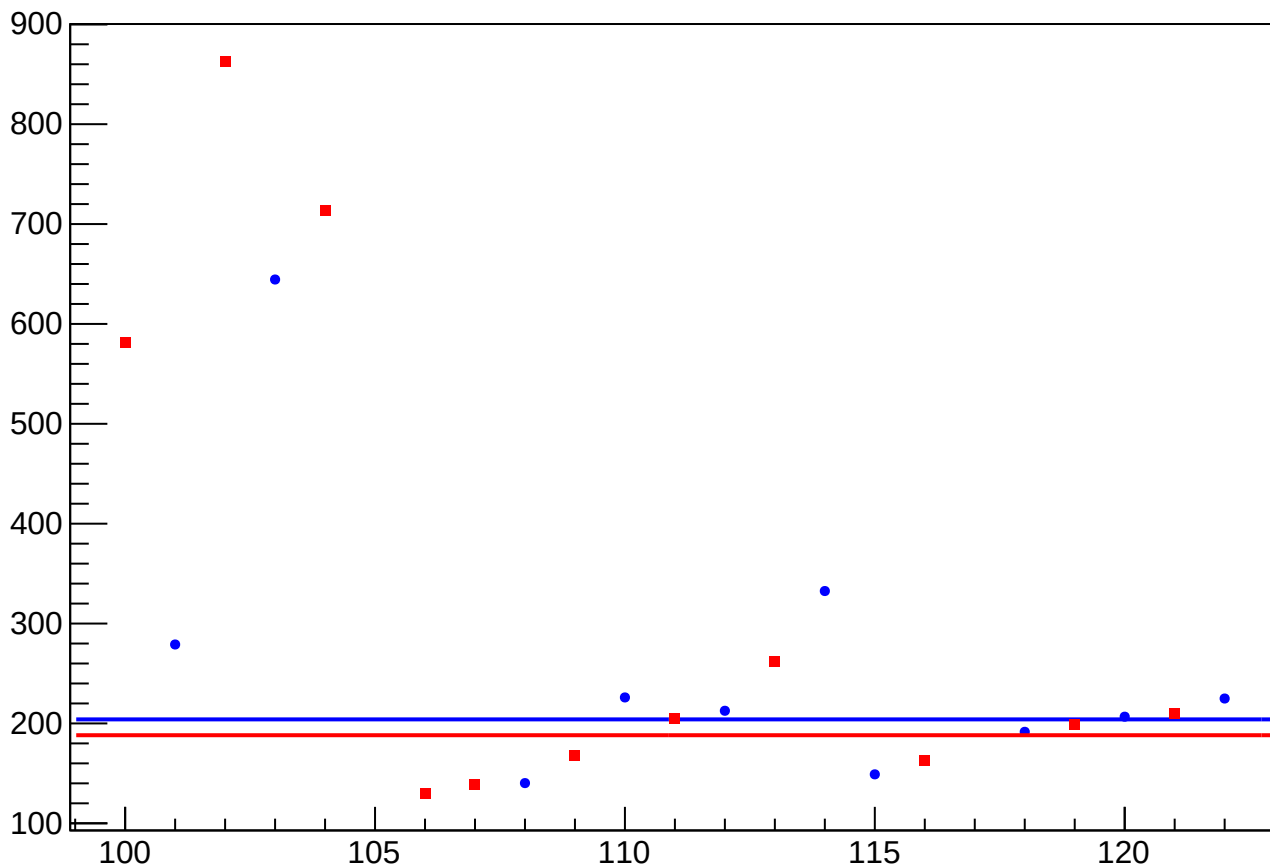
asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: 0.109+/-0.103 χ^2/NDF : 21.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.068+/-0.075 χ^2/NDF : 26.2/20
 In: 0.023+/-0.109 χ^2/NDF : 4.8/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.068+/-0.075 χ^2/NDF : 26.2/20

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: 188.192+/-0.073 χ^2/NDF : 1328853.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

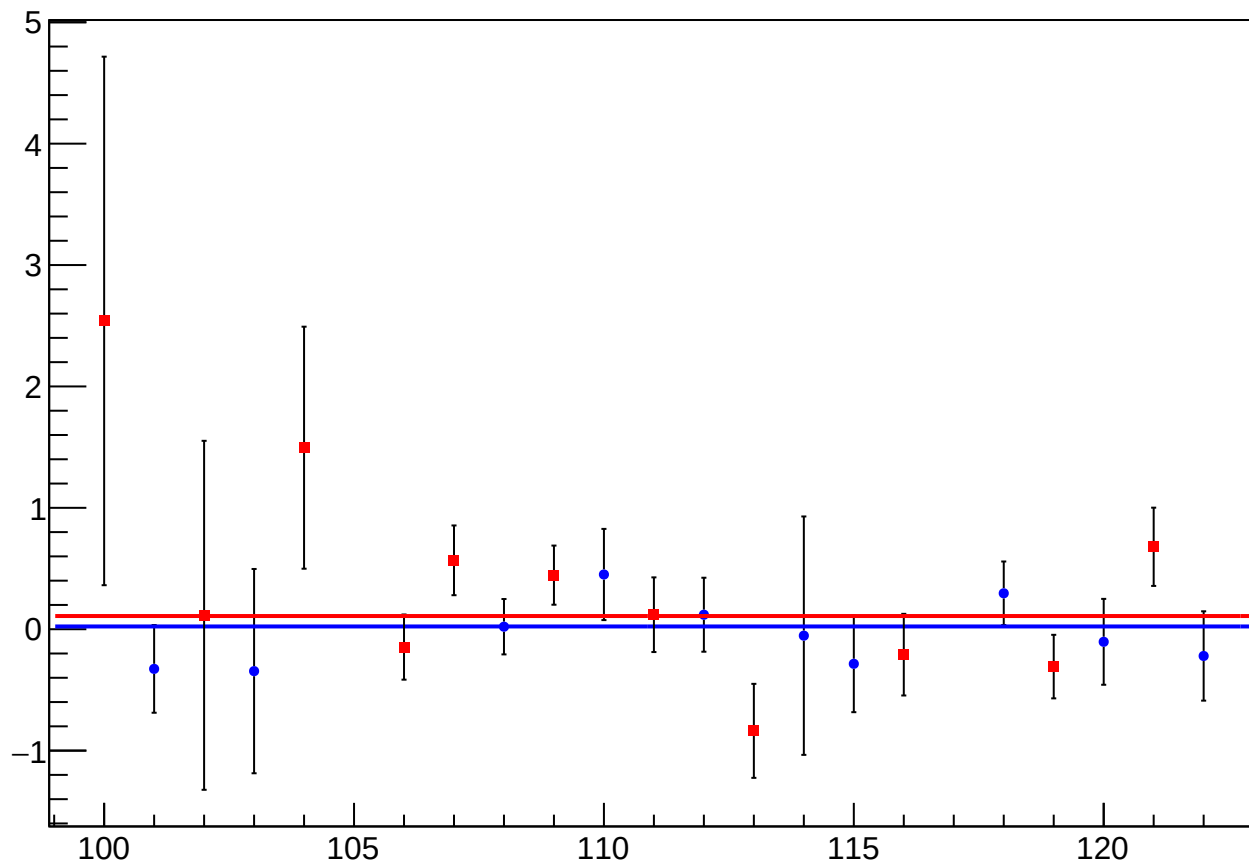
Right: 195.612+/-0.053 χ^2/NDF : 2233584.3/20

In: 204.046+/-0.077 χ^2/NDF : 882414.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.612+/-0.053 χ^2/NDF : 2233584.3/20

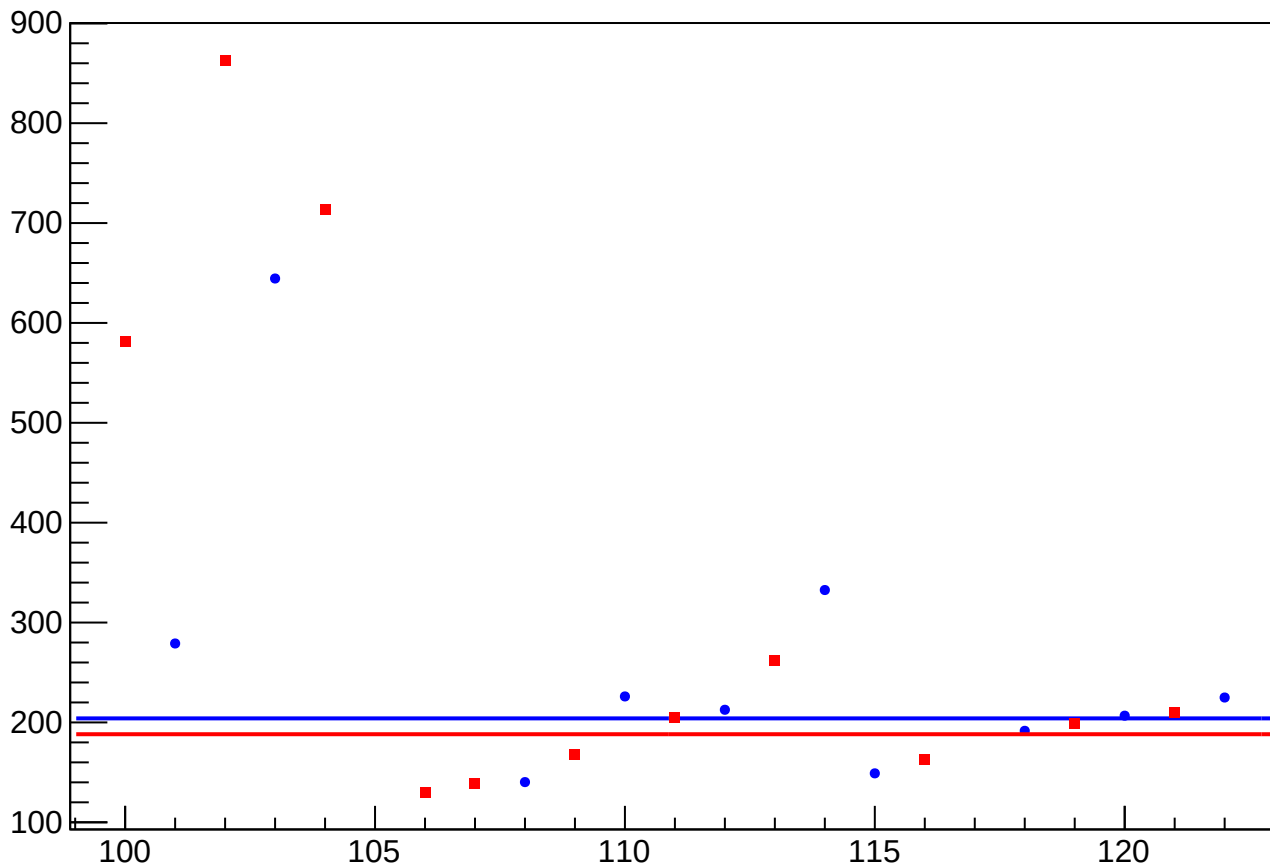
asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: 0.109+/-0.103 χ^2/NDF : 21.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.068+/-0.075 χ^2/NDF : 26.2/20
 In: 0.023+/-0.109 χ^2/NDF : 4.8/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.068+/-0.075 χ^2/NDF : 26.2/20

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: 188.192+/-0.073 χ^2/NDF : 1328853.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

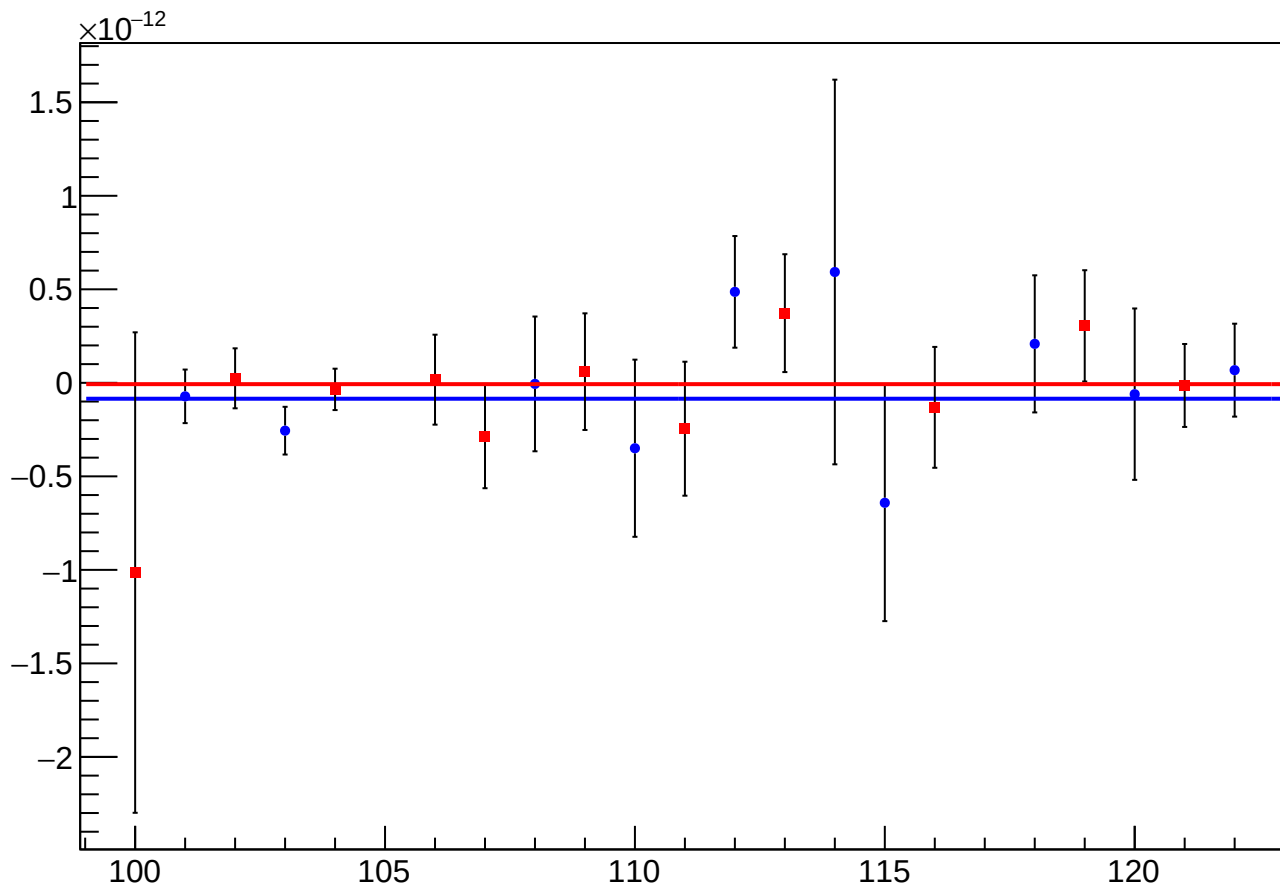
Right: 195.612+/-0.053 χ^2/NDF : 2233584.3/20

In: 204.046+/-0.077 χ^2/NDF : 882414.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.612+/-0.053 χ^2/NDF : 2233584.3/20

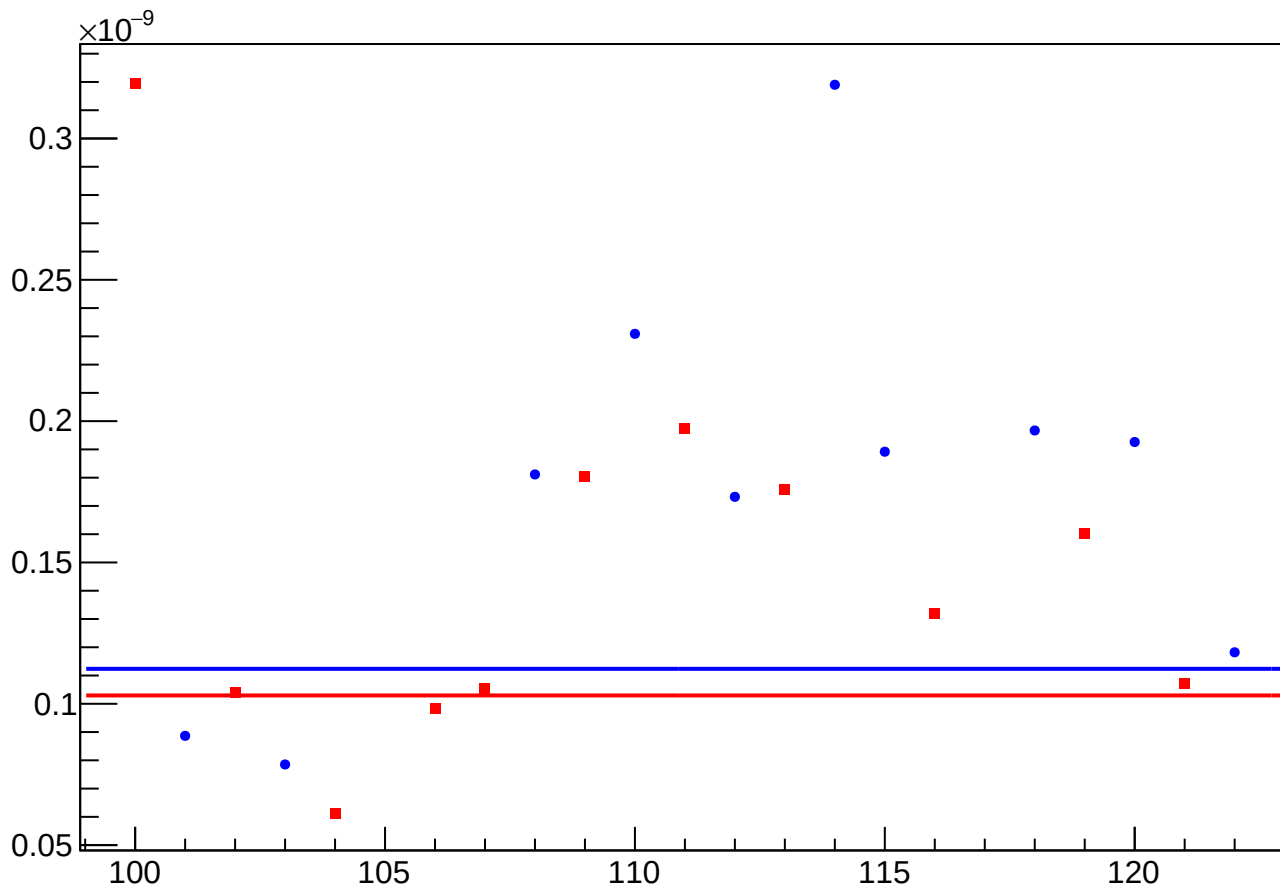
asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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: 4.9/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 13.5/20
 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: 13.5/20

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 : 805313.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

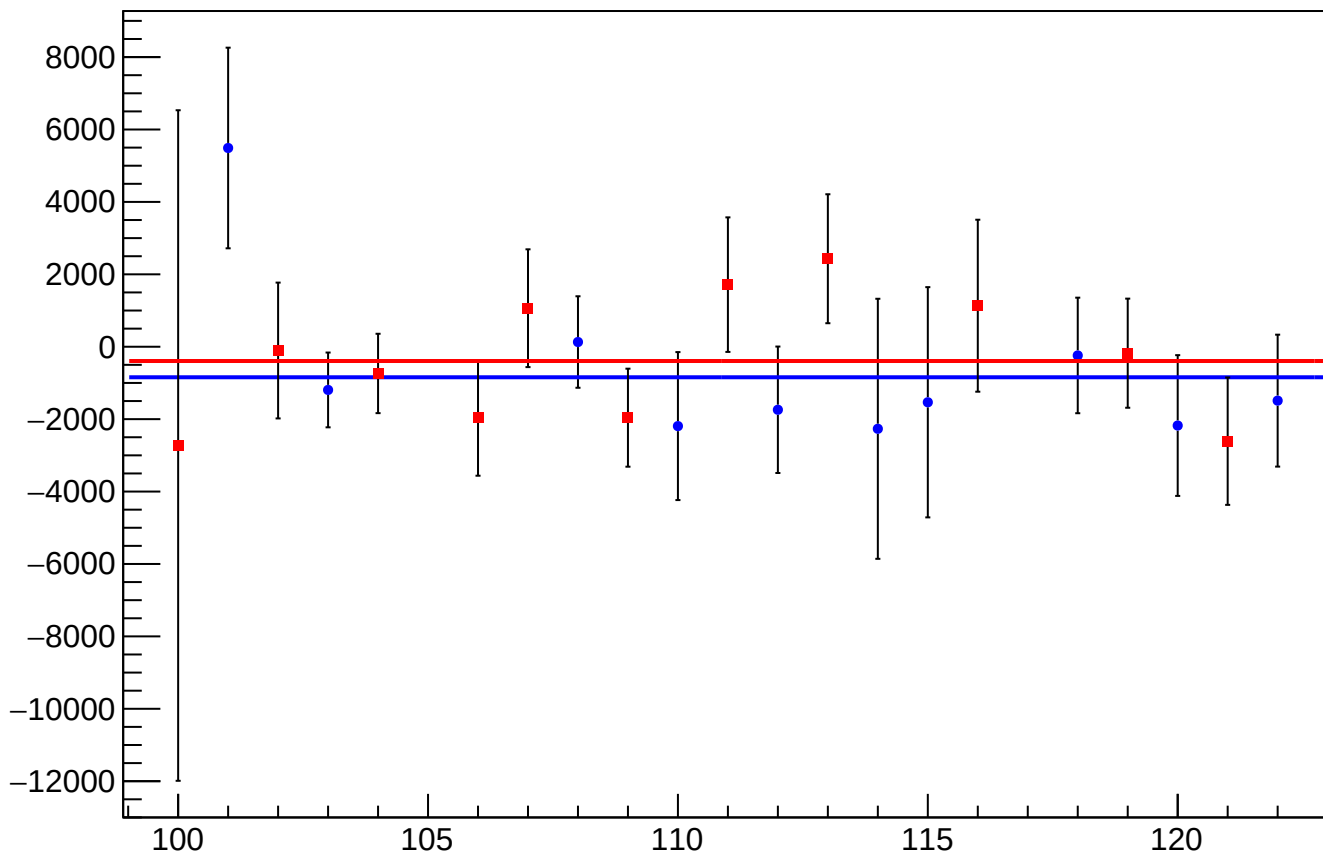
Right: 0.000+/-0.000 χ^2/NDF : 1577419.4/20

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 : 1577419.4/20

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: -394.142+/-500.609 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

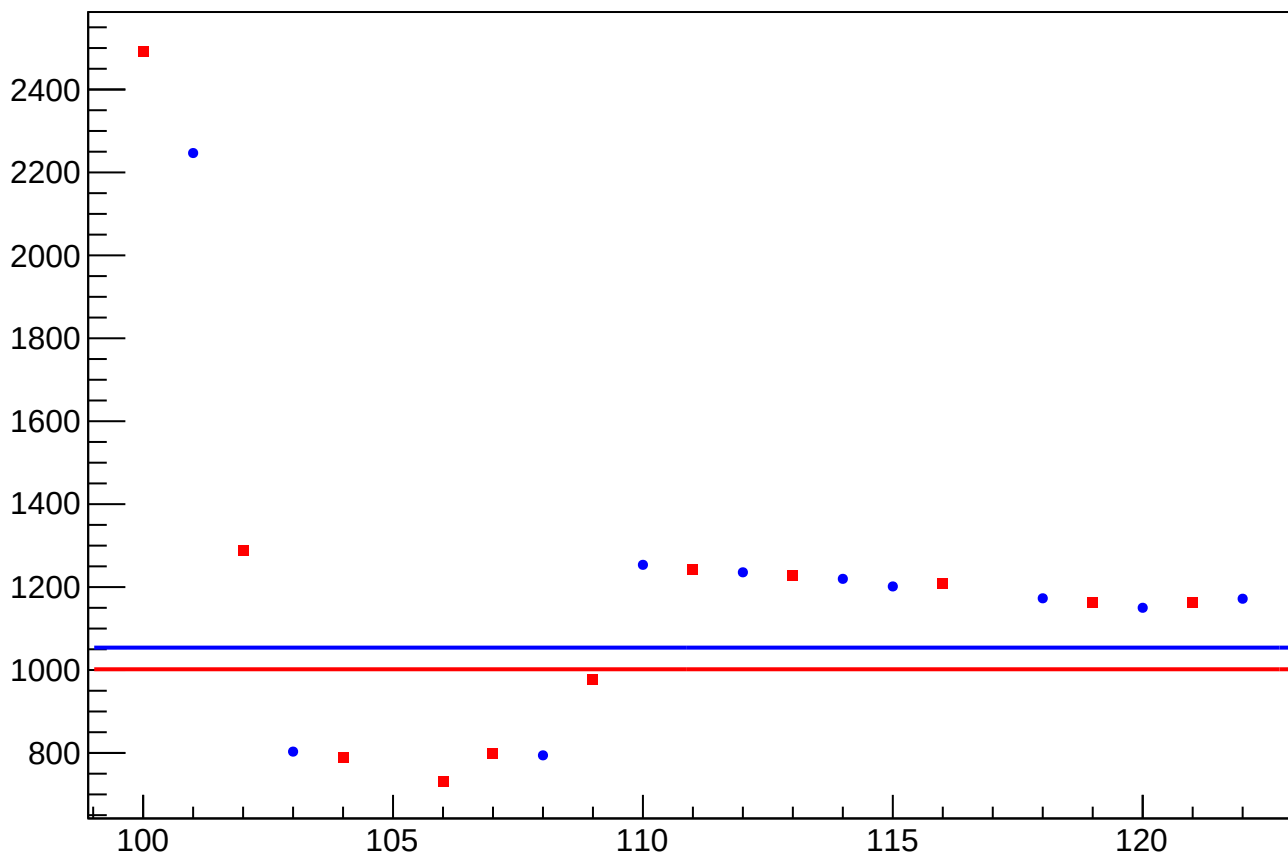
Right: -600.653+/-367.937 χ^2/NDF : 17.1/20

In: -843.270+/-542.608 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -600.653+/-367.937 χ^2/NDF : 17.1/20

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: 1001.803+/-0.350 χ^2/NDF : 397760.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

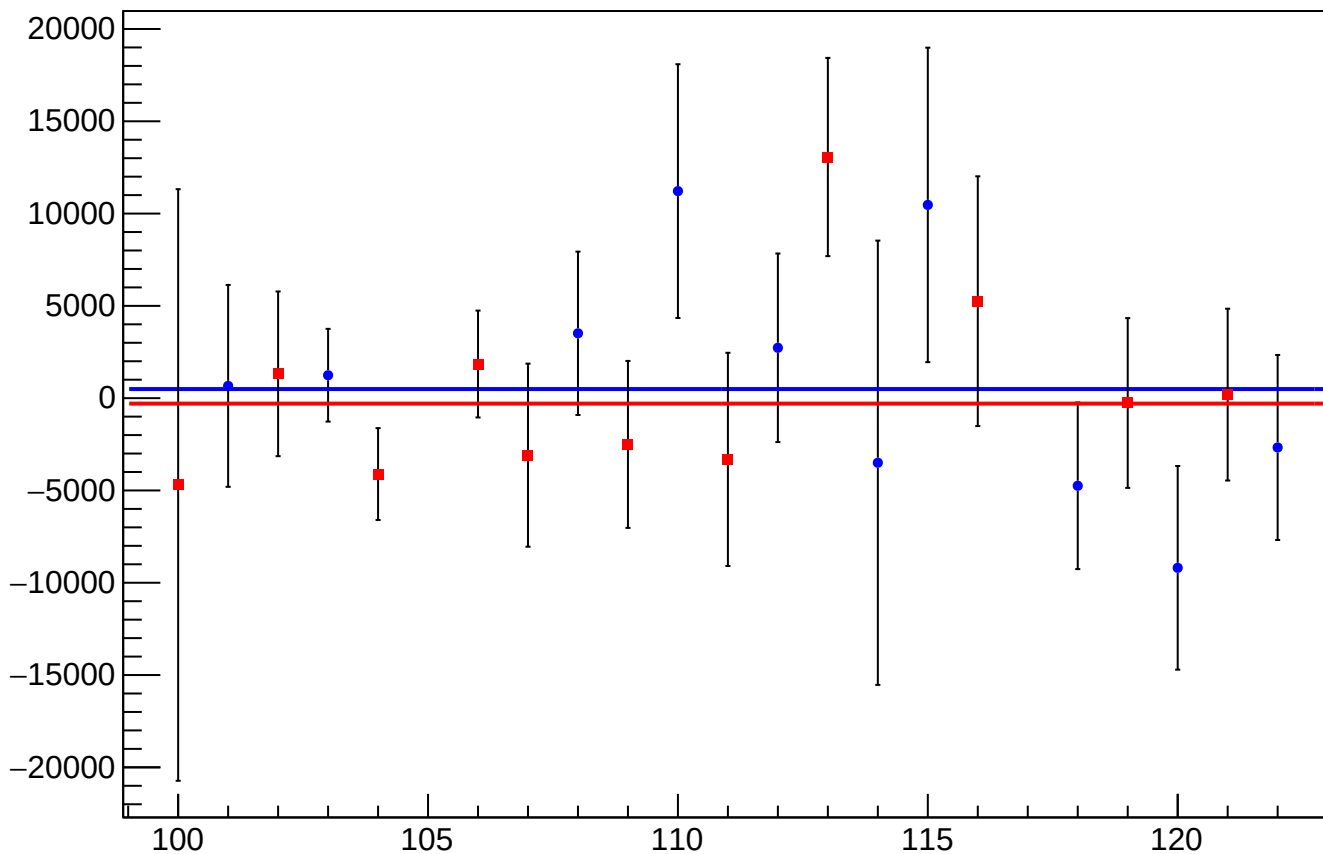
Right: 1025.497+/-0.258 χ^2/NDF : 1054612.6/20

In: 1054.025+/-0.384 χ^2/NDF : 646732.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1025.497+/-0.258 χ^2/NDF : 1054612.6/20

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 492.995+/-1499.308 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -295.439+/-1286.142 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

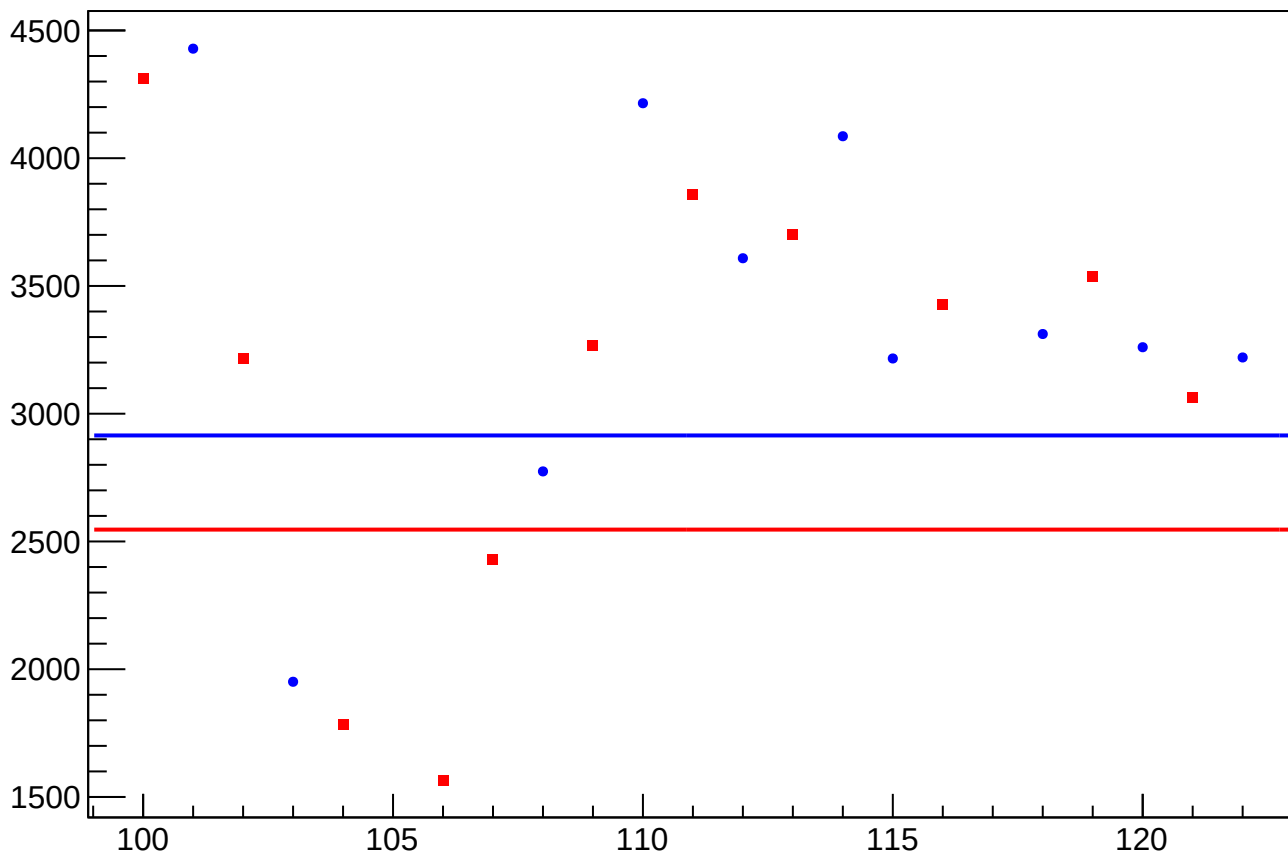
Right: 38.792+/-976.183 χ^2/NDF : 20.5/20

In: 492.995+/-1499.308 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.792+/-976.183 χ^2/NDF : 20.5/20

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: 2546.429+/-0.909 χ^2/NDF : 885712.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

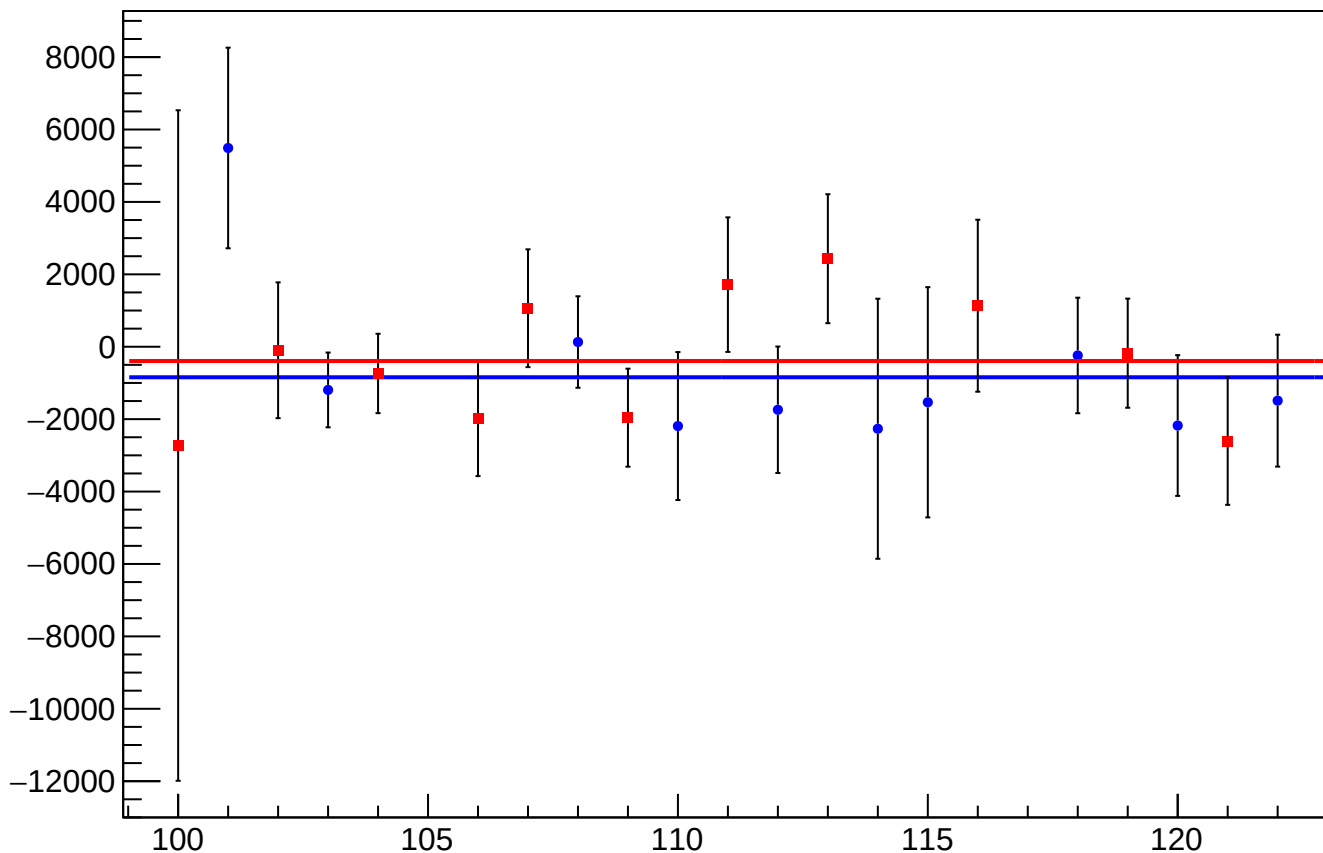
Right: 2702.634+/-0.690 χ^2/NDF : 1565578.3/20

In: 2914.909+/-1.060 χ^2/NDF : 610273.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2702.634+/-0.690 χ^2/NDF : 1565578.3/20

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: -394.596+/-500.616 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

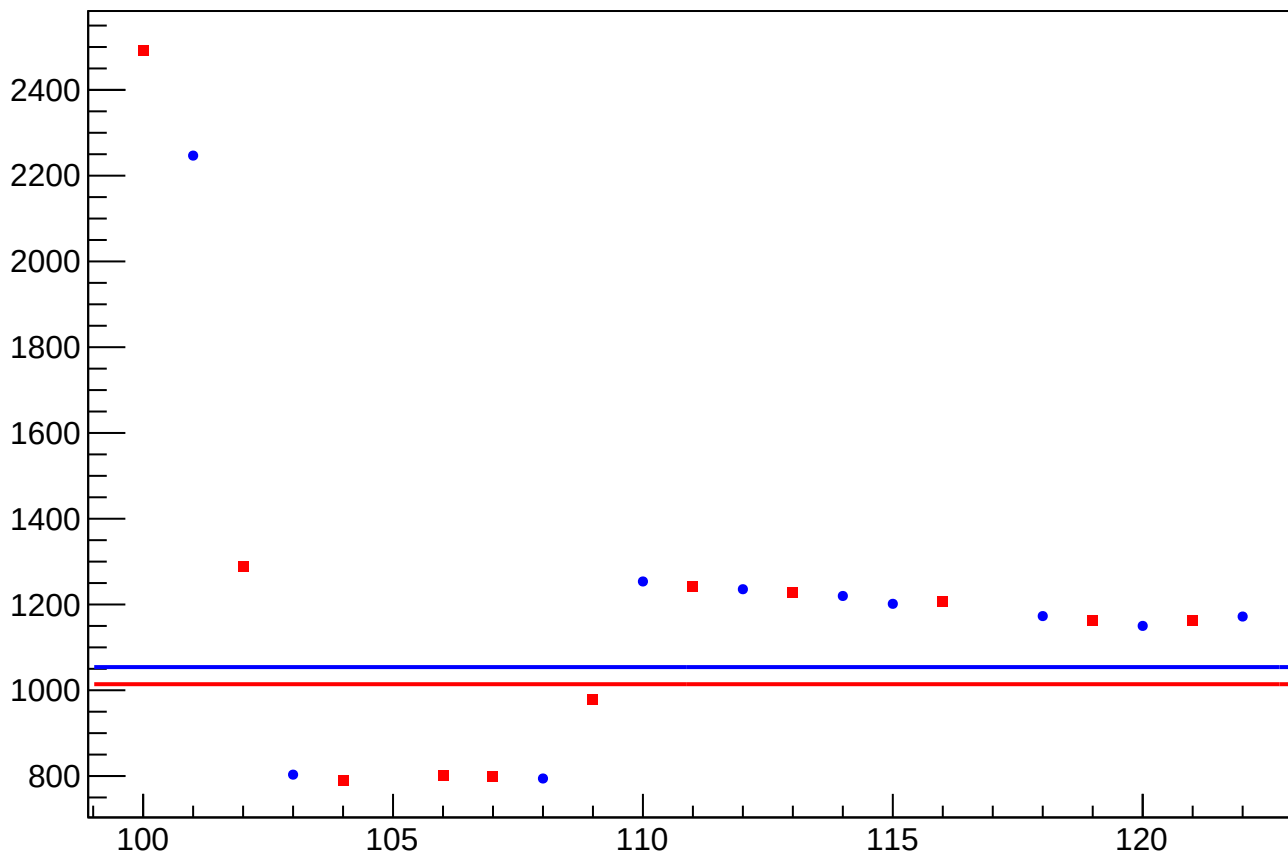
Right: -600.870+/-367.940 χ^2/NDF : 17.1/20

In: -843.201+/-542.608 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -600.870+/-367.940 χ^2/NDF : 17.1/20

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: 1014.132+/-0.353 χ^2/NDF : 358184.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

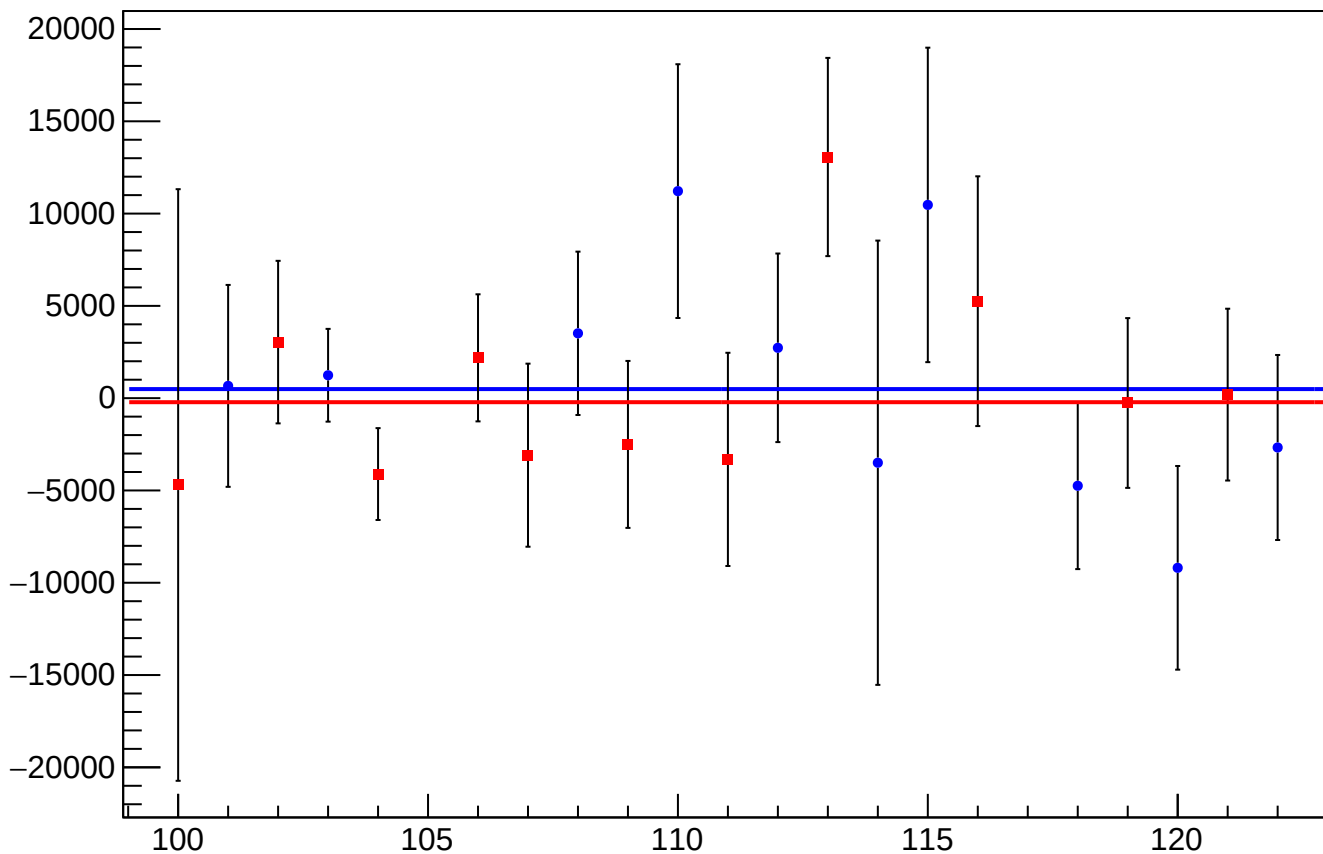
Right: 1032.419+/-0.260 χ^2/NDF : 1010769.9/20

In: 1054.026+/-0.384 χ^2/NDF : 646729.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.419+/-0.260 χ^2/NDF : 1010769.9/20

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: -218.092+/-1323.483 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

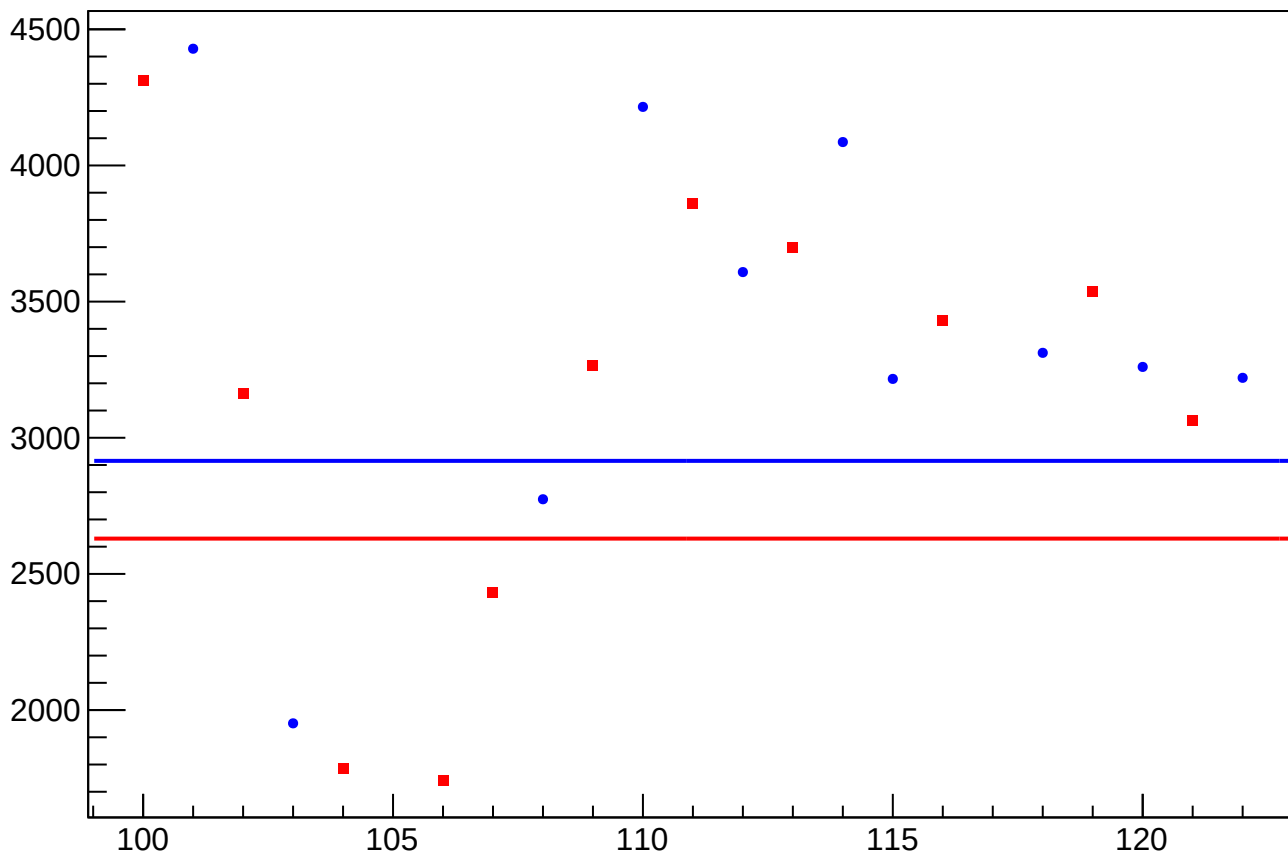
Right: 92.934+/-992.239 χ^2/NDF : 20.8/20

In: 492.136+/-1499.398 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 92.934+/-992.239 χ^2/NDF : 20.8/20

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: 2629.674+/-0.936 χ^2/NDF : 751348.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

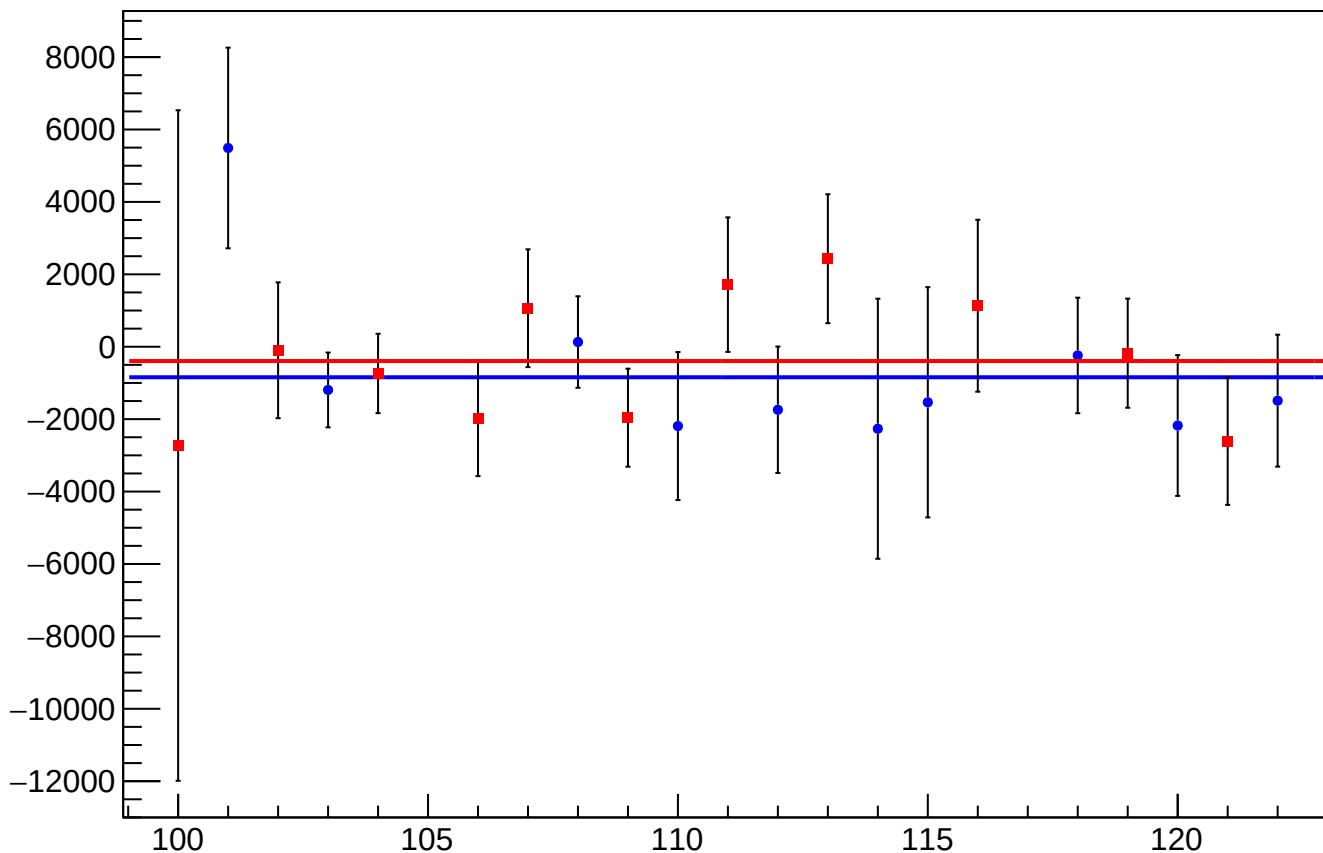
Right: 2754.691+/-0.702 χ^2/NDF : 1402053.6/20

In: 2915.151+/-1.060 χ^2/NDF : 609954.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2754.691+/-0.702 χ^2/NDF : 1402053.6/20

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: -394.596+/-500.616 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

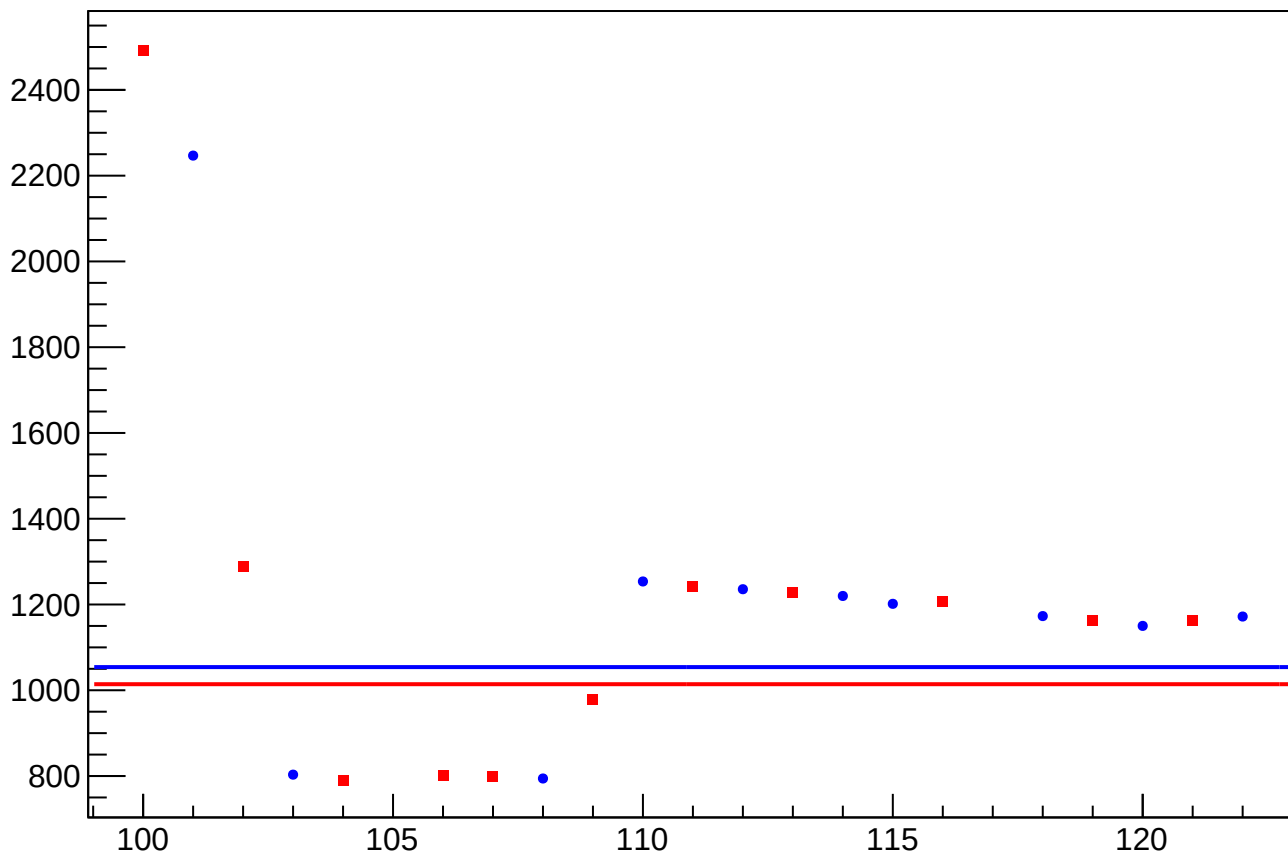
Right: -600.870+/-367.940 χ^2/NDF : 17.1/20

In: -843.201+/-542.608 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -600.870+/-367.940 χ^2/NDF : 17.1/20

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: 1014.132+/-0.353 χ^2/NDF : 358184.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

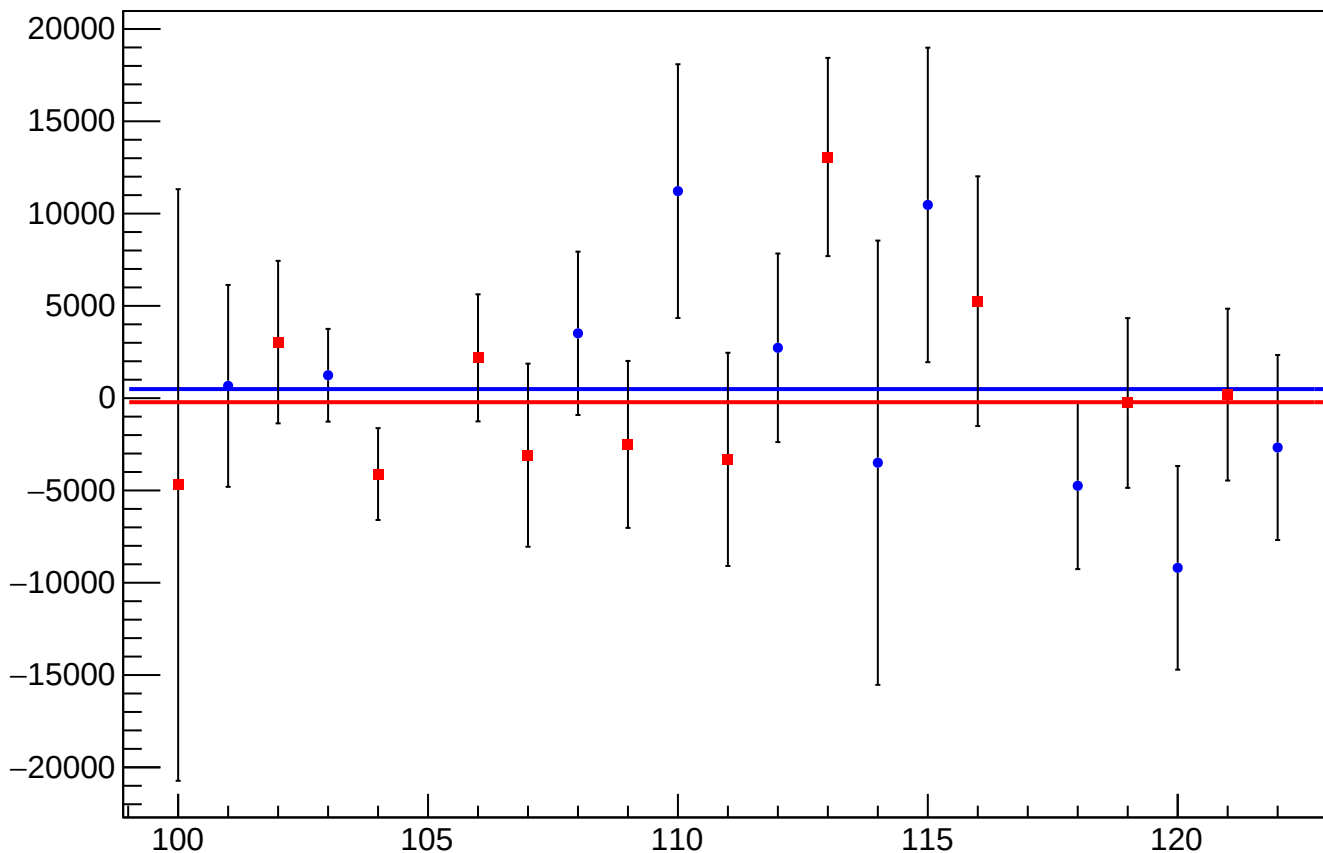
Right: 1032.419+/-0.260 χ^2/NDF : 1010769.9/20

In: 1054.026+/-0.384 χ^2/NDF : 646729.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.419+/-0.260 χ^2/NDF : 1010769.9/20

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: -218.092+/-1323.483 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

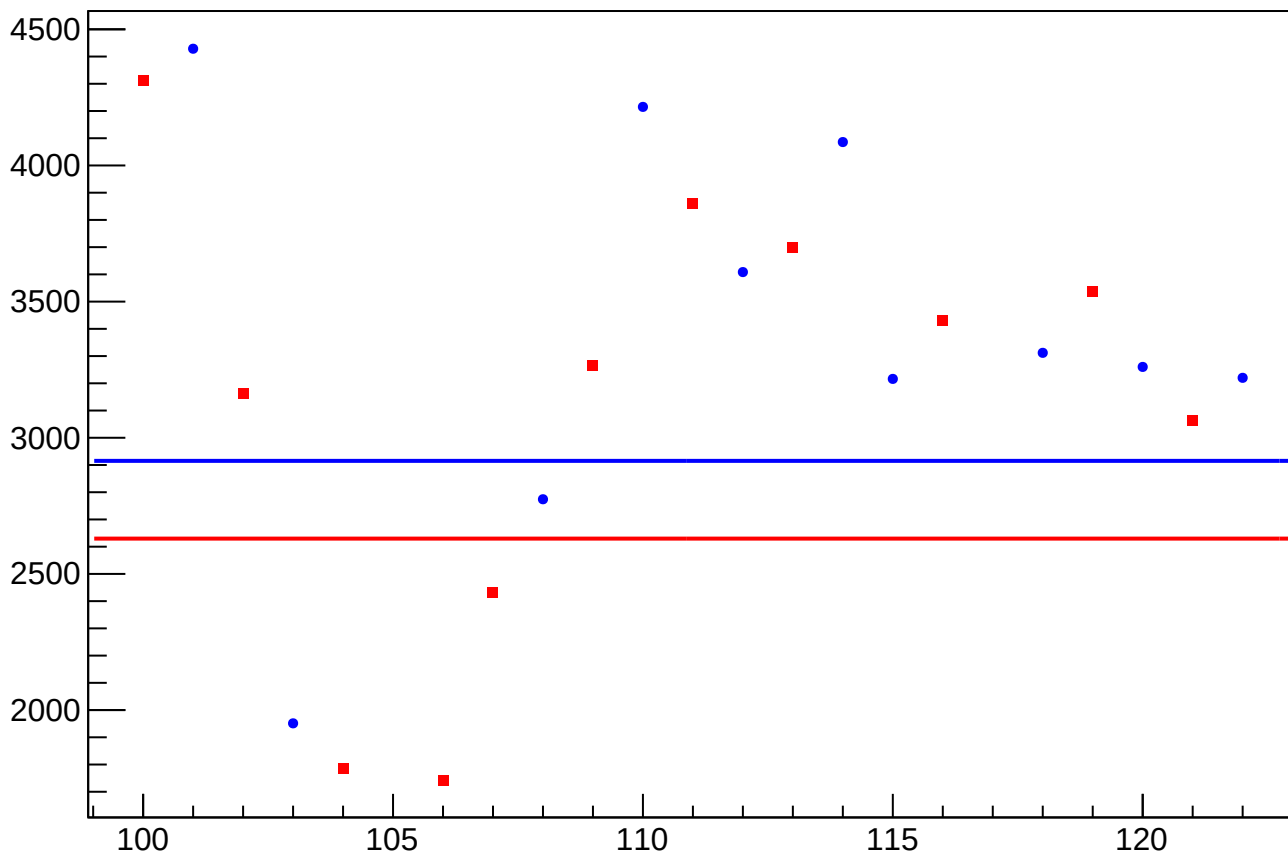
Right: 92.934+/-992.239 χ^2/NDF : 20.8/20

In: 492.136+/-1499.398 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.934+/-992.239 χ^2/NDF : 20.8/20

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: 2629.674+/-0.936 χ^2/NDF : 751348.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

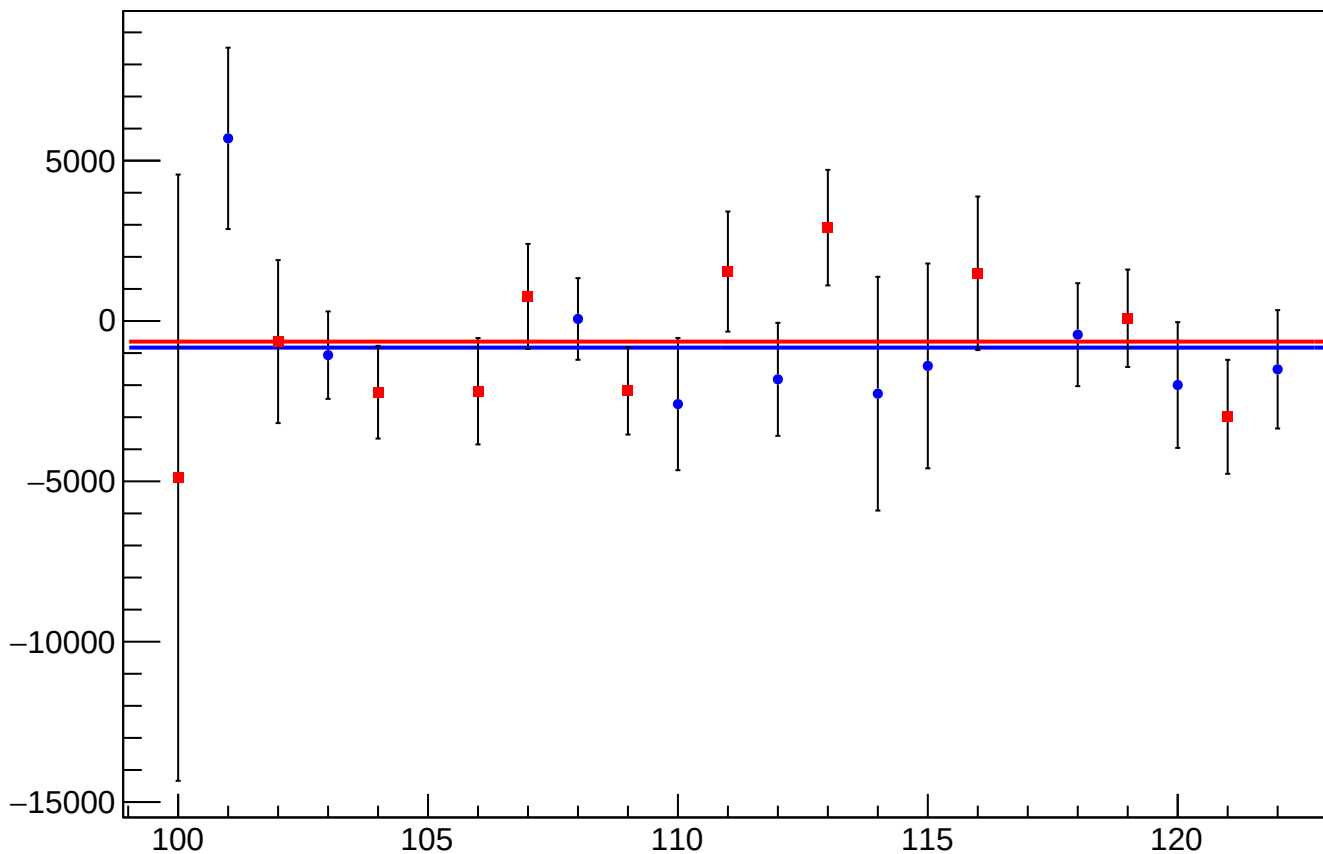
Right: 2754.691+/-0.702 χ^2/NDF : 1402053.6/20

In: 2915.151+/-1.060 χ^2/NDF : 609954.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2754.691+/-0.702 χ^2/NDF : 1402053.6/20

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: -642.351+/-539.439 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

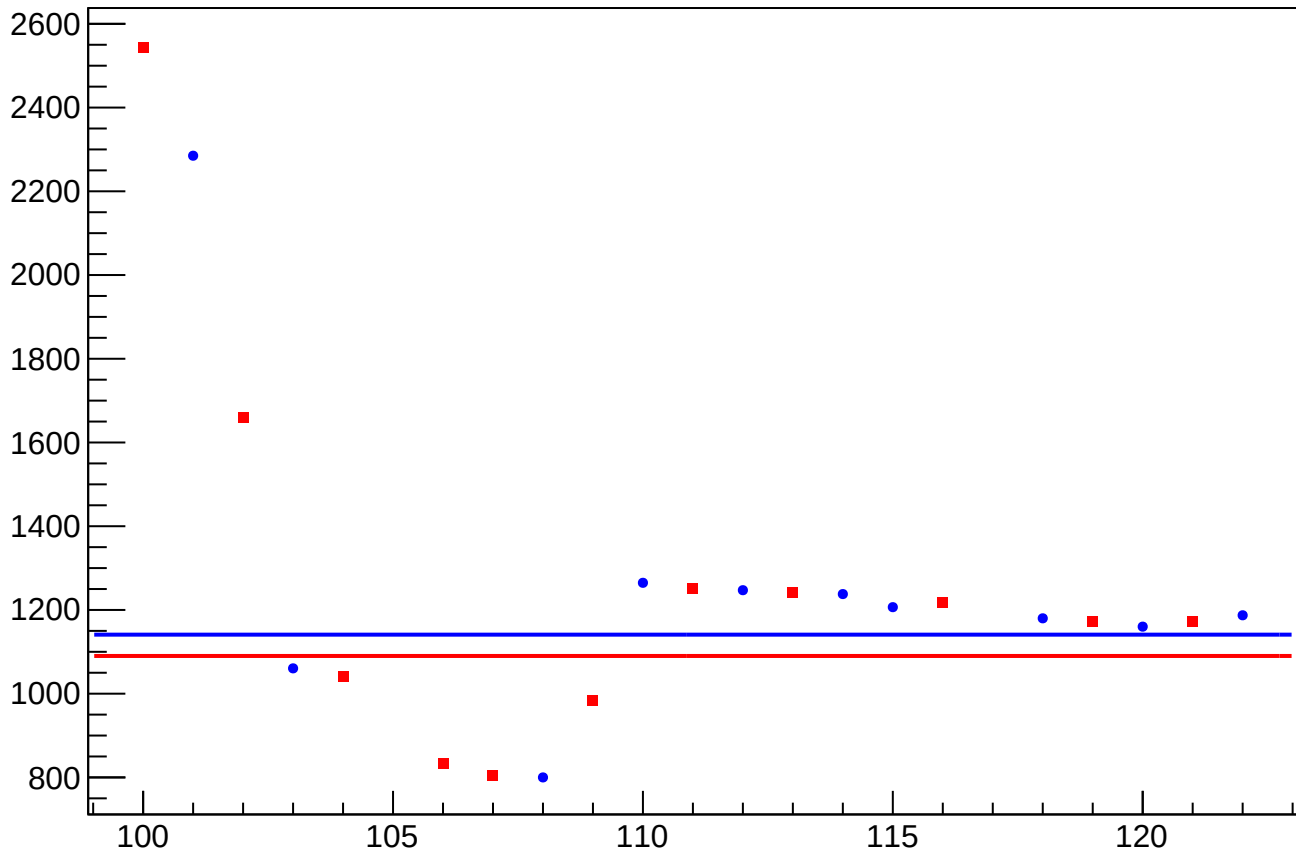
Right: -728.983+/-395.629 χ^2/NDF : 20.0/20

In: -829.821+/-581.987 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -728.983+/-395.629 χ^2/NDF : 20.0/20

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: 1090.090+/-0.381 χ^2/NDF : 316499.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

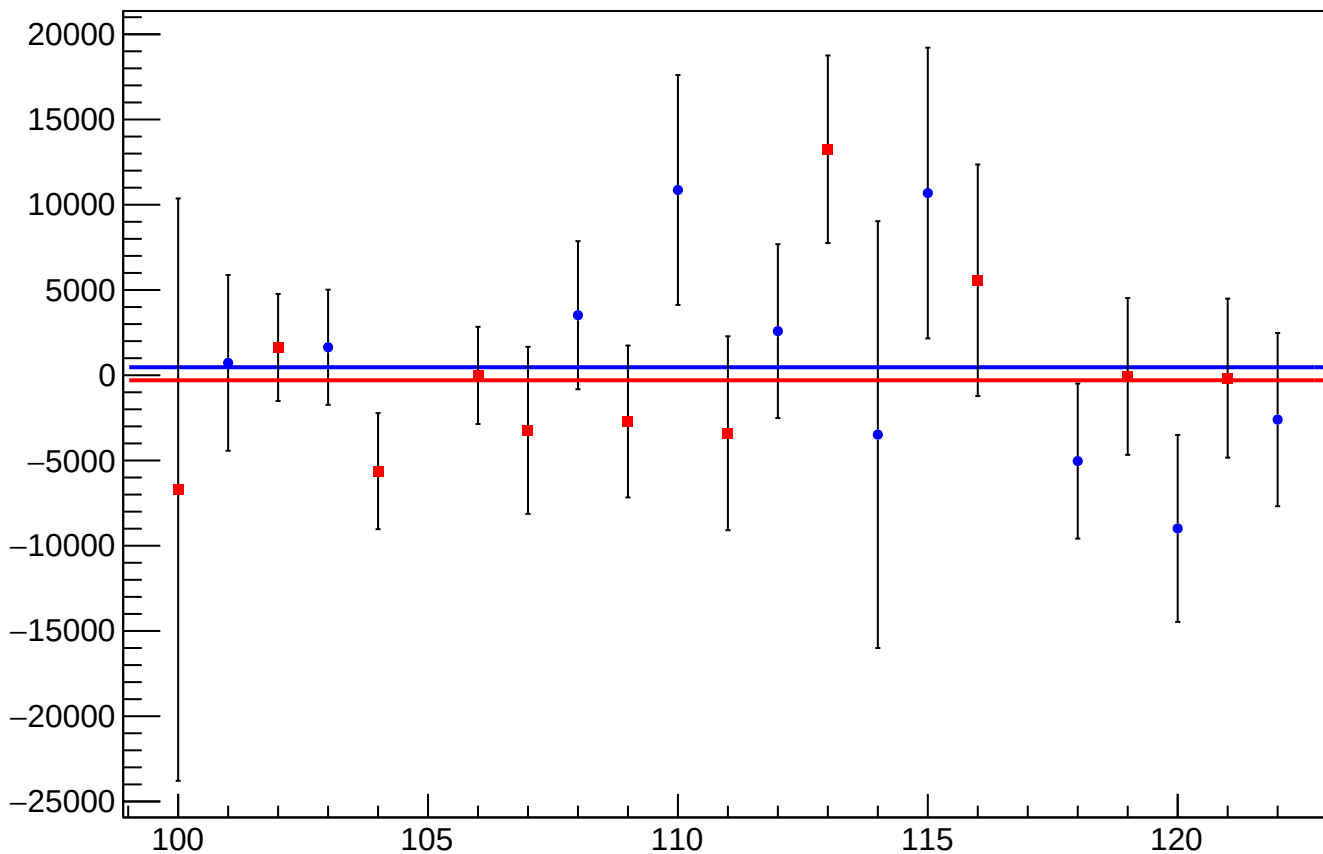
Right: 1113.599+/-0.280 χ^2/NDF : 822064.5/20

In: 1141.000+/-0.412 χ^2/NDF : 497328.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.599+/-0.280 χ^2/NDF : 822064.5/20

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: -296.464 $\pm$ 1307.111 χ^2 /NDF: 10.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

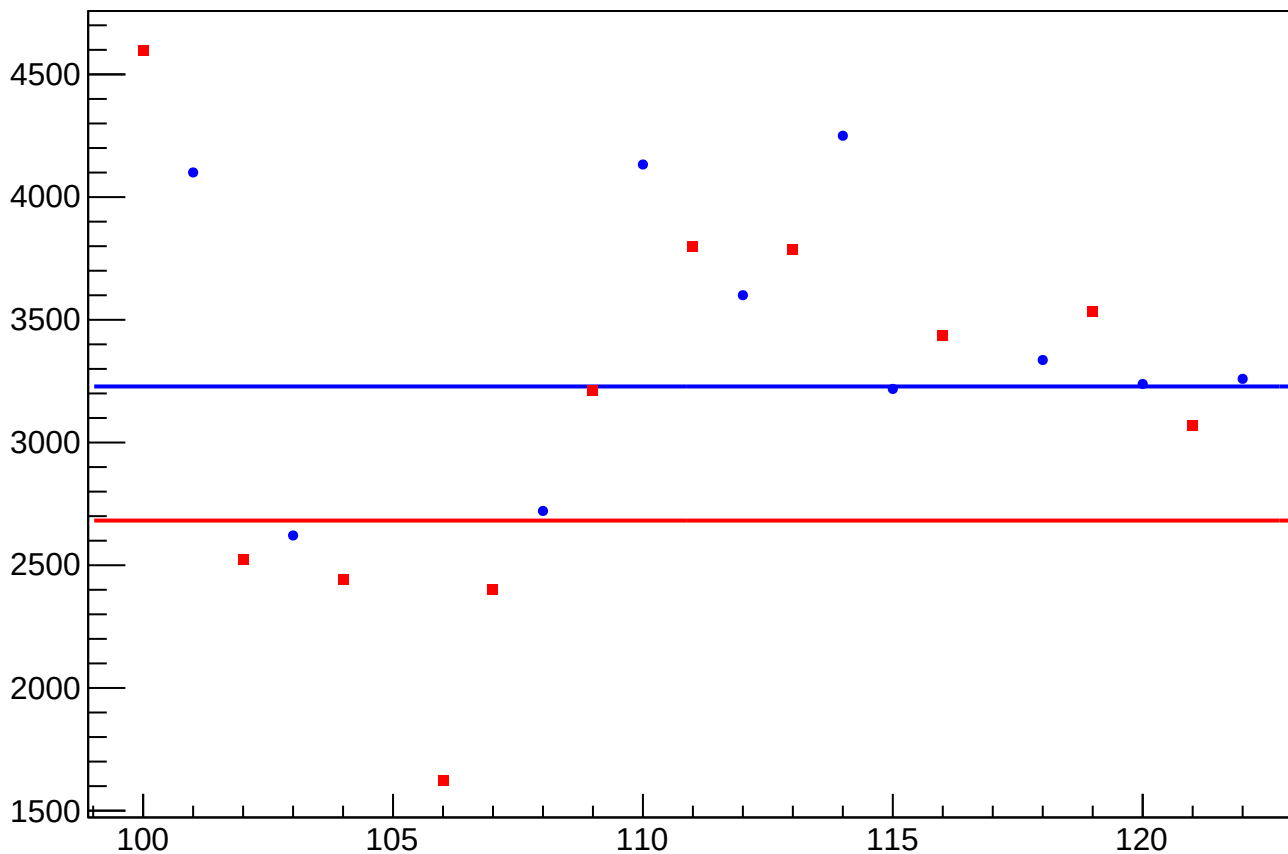
Right: 4.804 $\pm$ 1018.142 χ^2 /NDF: 20.4/20

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: 4.804 $\pm$ 1018.142 χ^2 /NDF: 20.4/20

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: 2682.103+/-0.924 χ^2/NDF : 615958.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

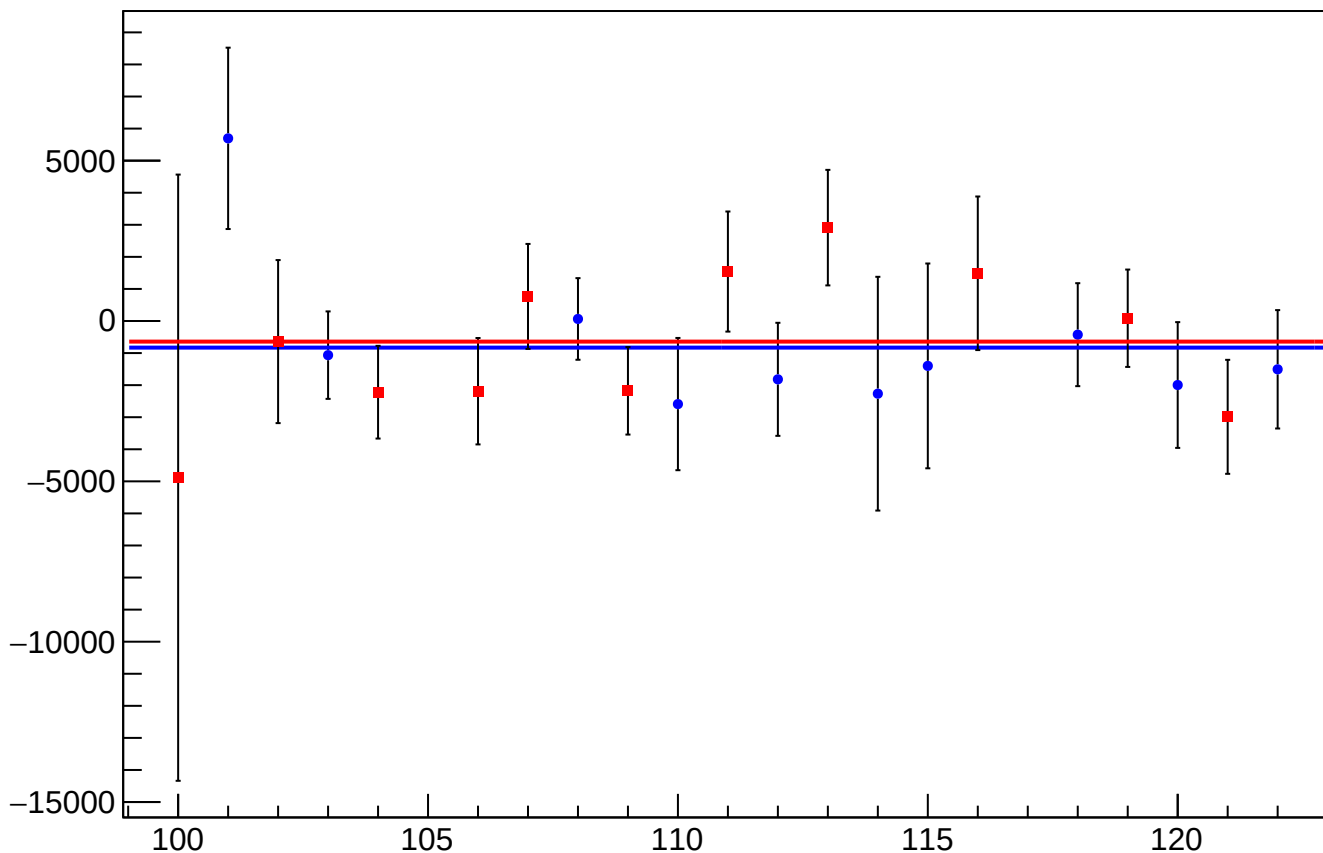
Right: 2896.959+/-0.720 χ^2/NDF : 963700.1/20

In: 3228.428+/-1.148 χ^2/NDF : 210336.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2896.959+/-0.720 χ^2/NDF : 963700.1/20

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: -642.354+/-539.439 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

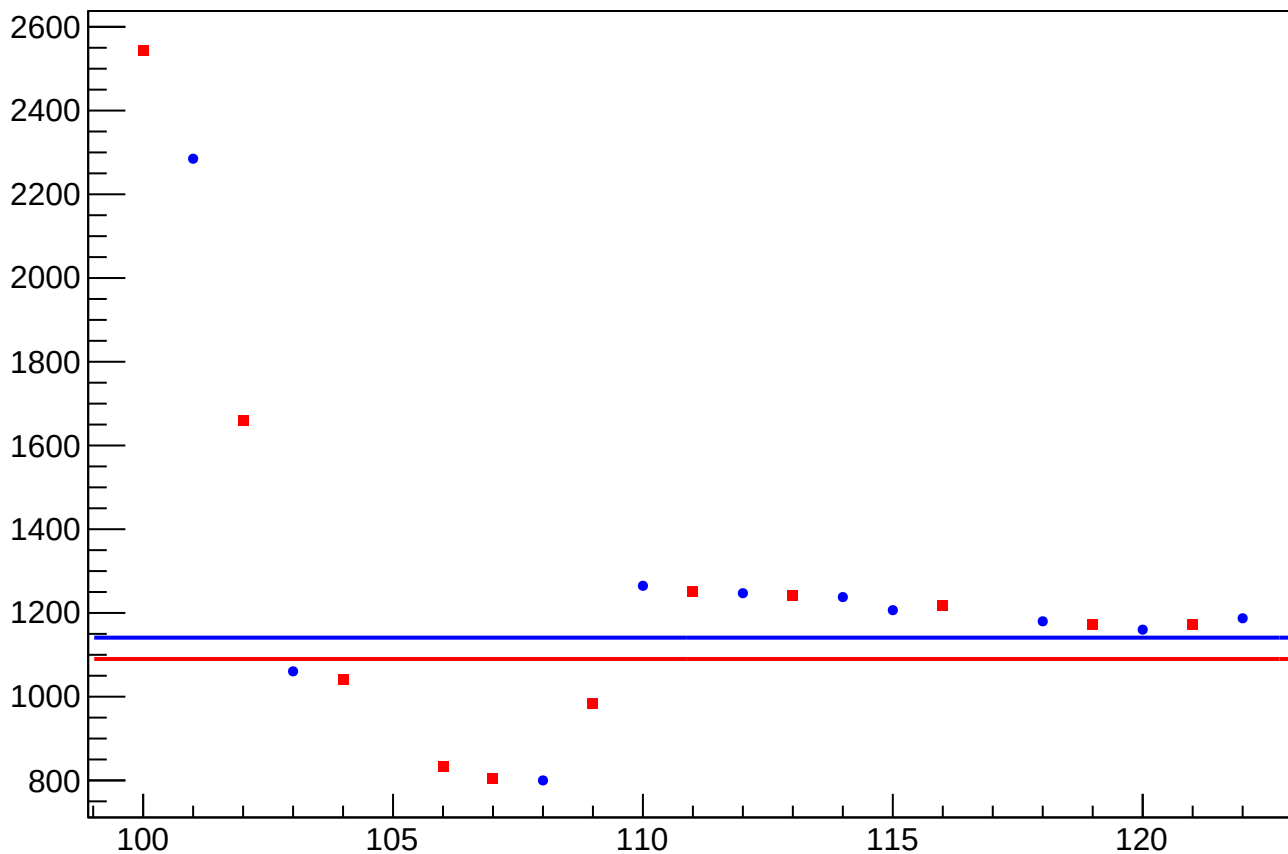
Right: -728.983+/-395.629 χ^2/NDF : 20.0/20

In: -829.816+/-581.987 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -728.983+/-395.629 χ^2/NDF : 20.0/20

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: 1090.091+/-0.381 χ^2/NDF : 316498.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

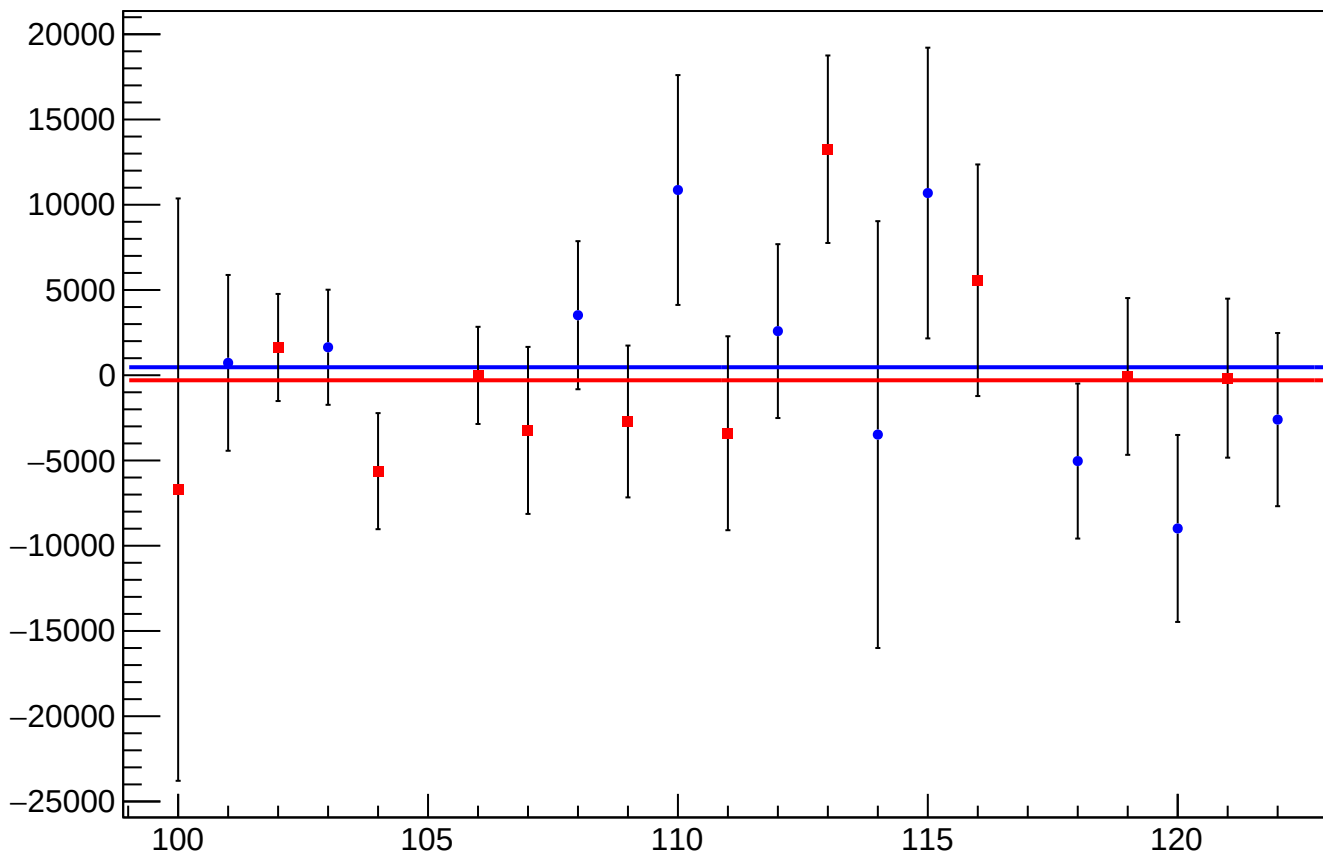
Right: 1113.599+/-0.280 χ^2/NDF : 822064.6/20

In: 1141.000+/-0.412 χ^2/NDF : 497328.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.599+/-0.280 χ^2/NDF : 822064.6/20

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: -296.471+/-1307.109 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

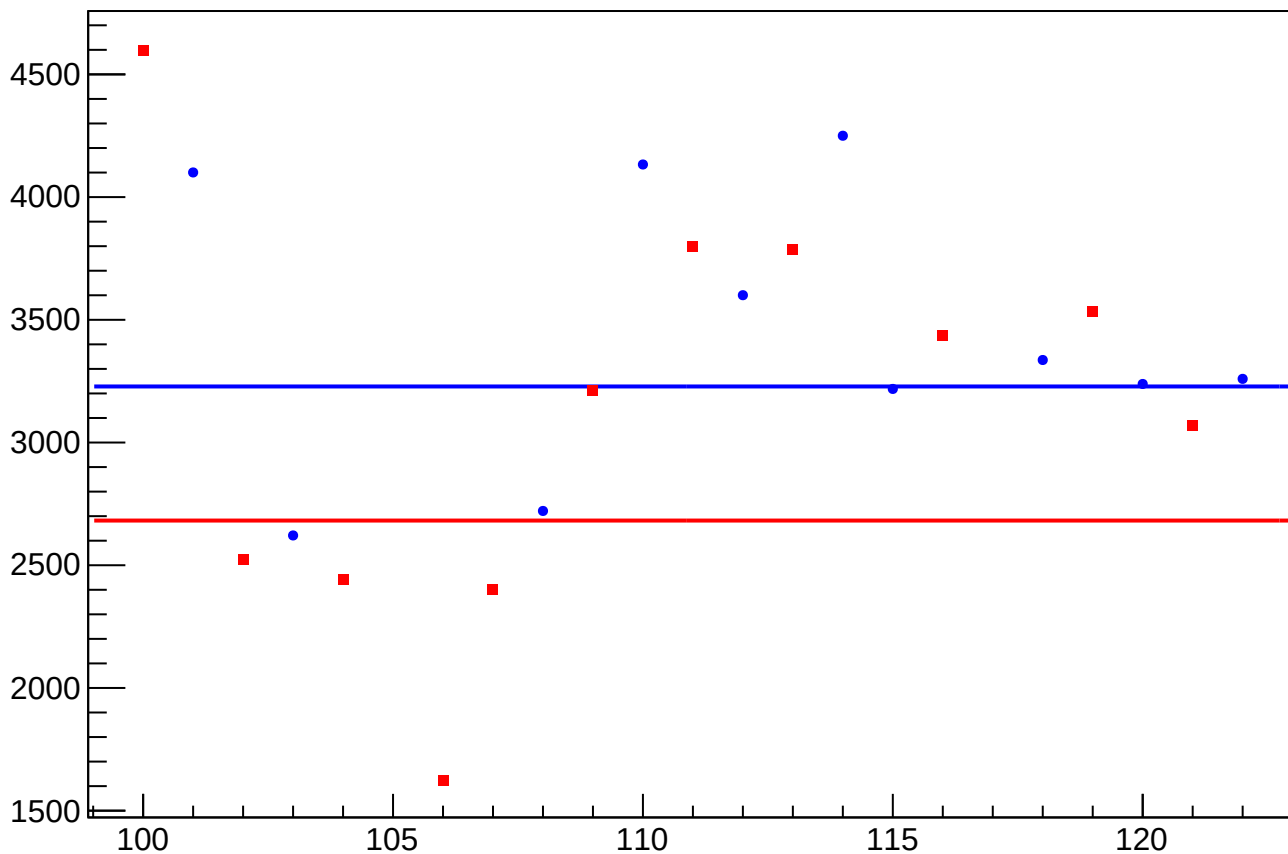
Right: 4.795+/-1018.140 χ^2/NDF : 20.4/20

In: 469.574+/-1623.526 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.795+/-1018.140 χ^2/NDF : 20.4/20

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: 2682.098+/-0.924 χ^2/NDF : 615959.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

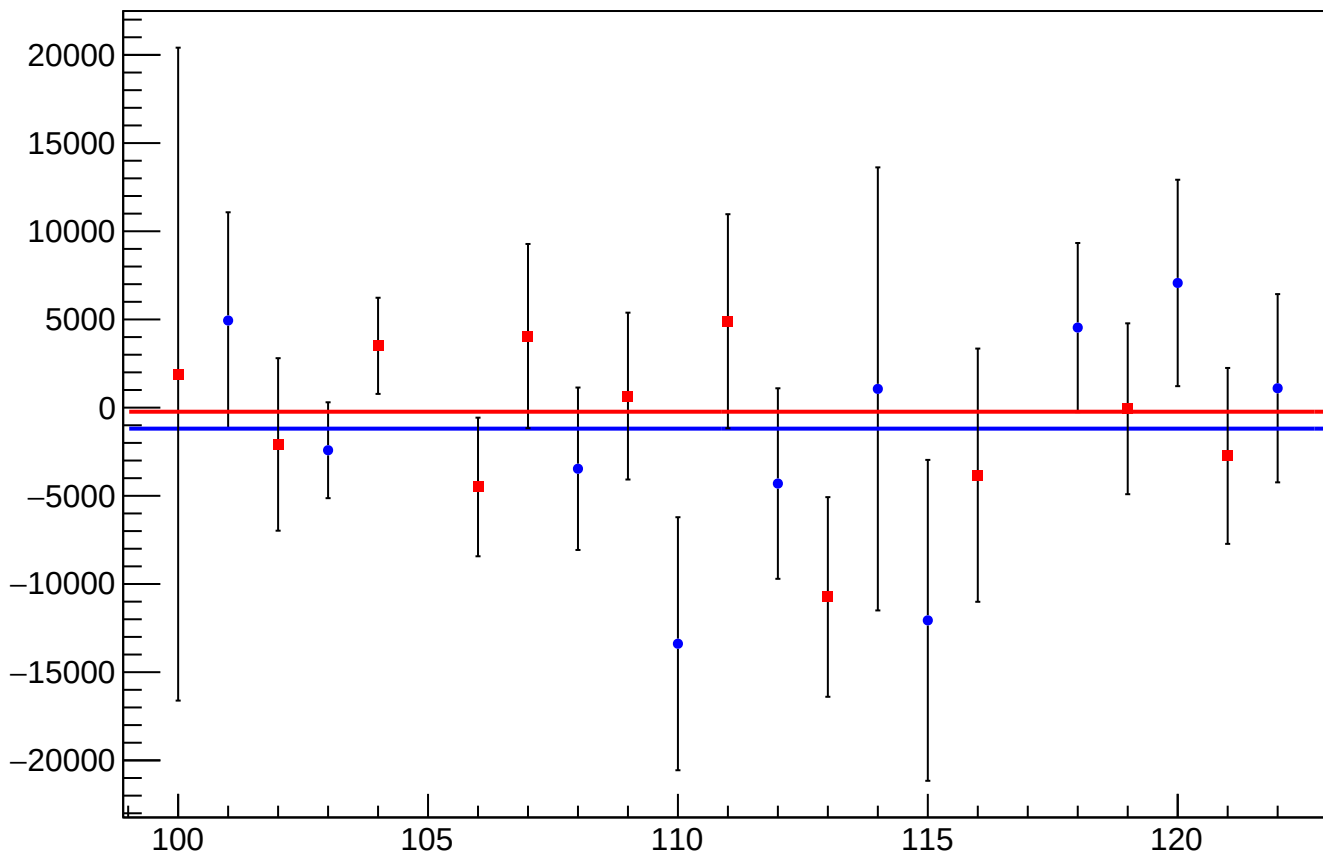
Right: 2896.955+/-0.720 χ^2/NDF : 963699.6/20

In: 3228.424+/-1.148 χ^2/NDF : 210333.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2896.955+/-0.720 χ^2/NDF : 963699.6/20

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: -231.495+/-1434.440 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

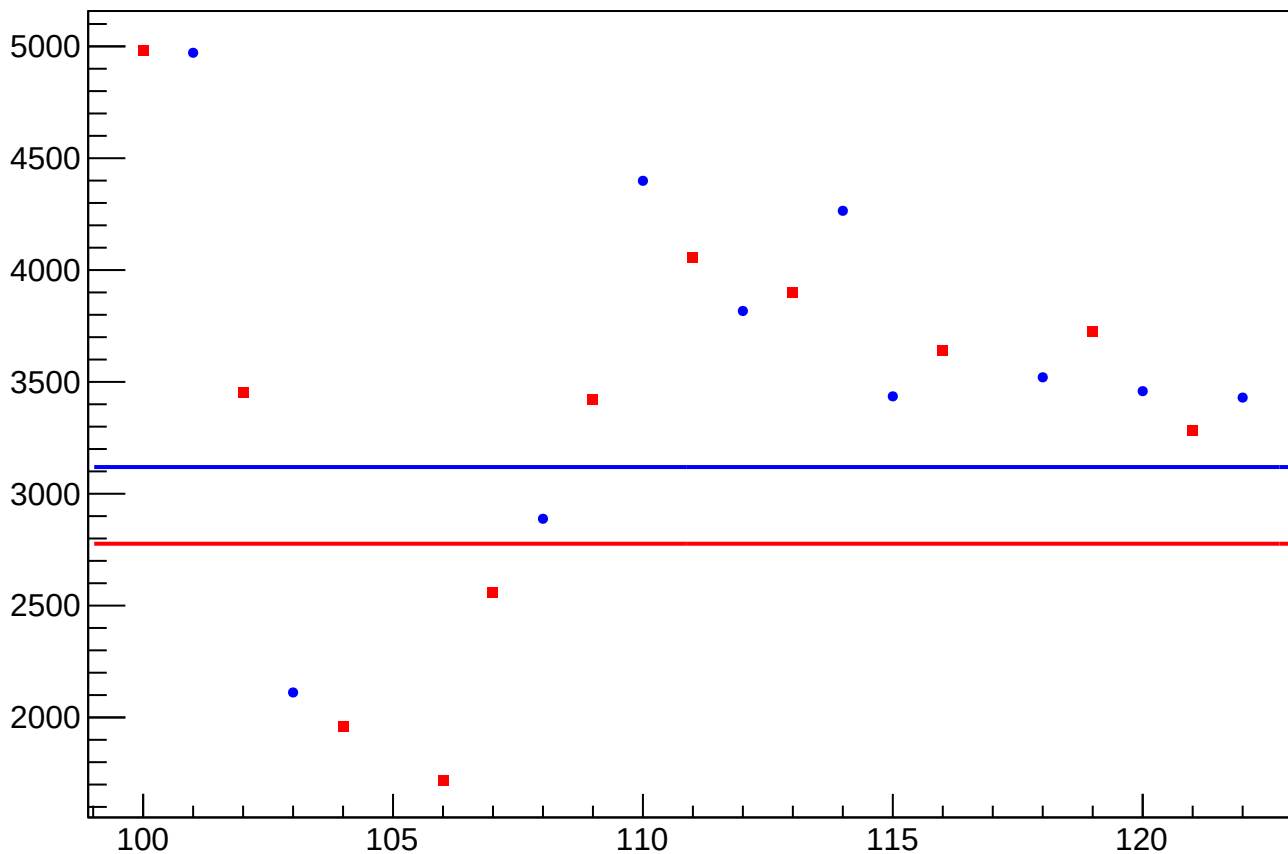
Right: -658.009+/-1069.057 χ^2/NDF : 18.5/20

In: -1190.900+/-1603.375 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -658.009+/-1069.057 χ^2/NDF : 18.5/20

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: 2776.613+/-0.991 χ^2/NDF : 778028.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

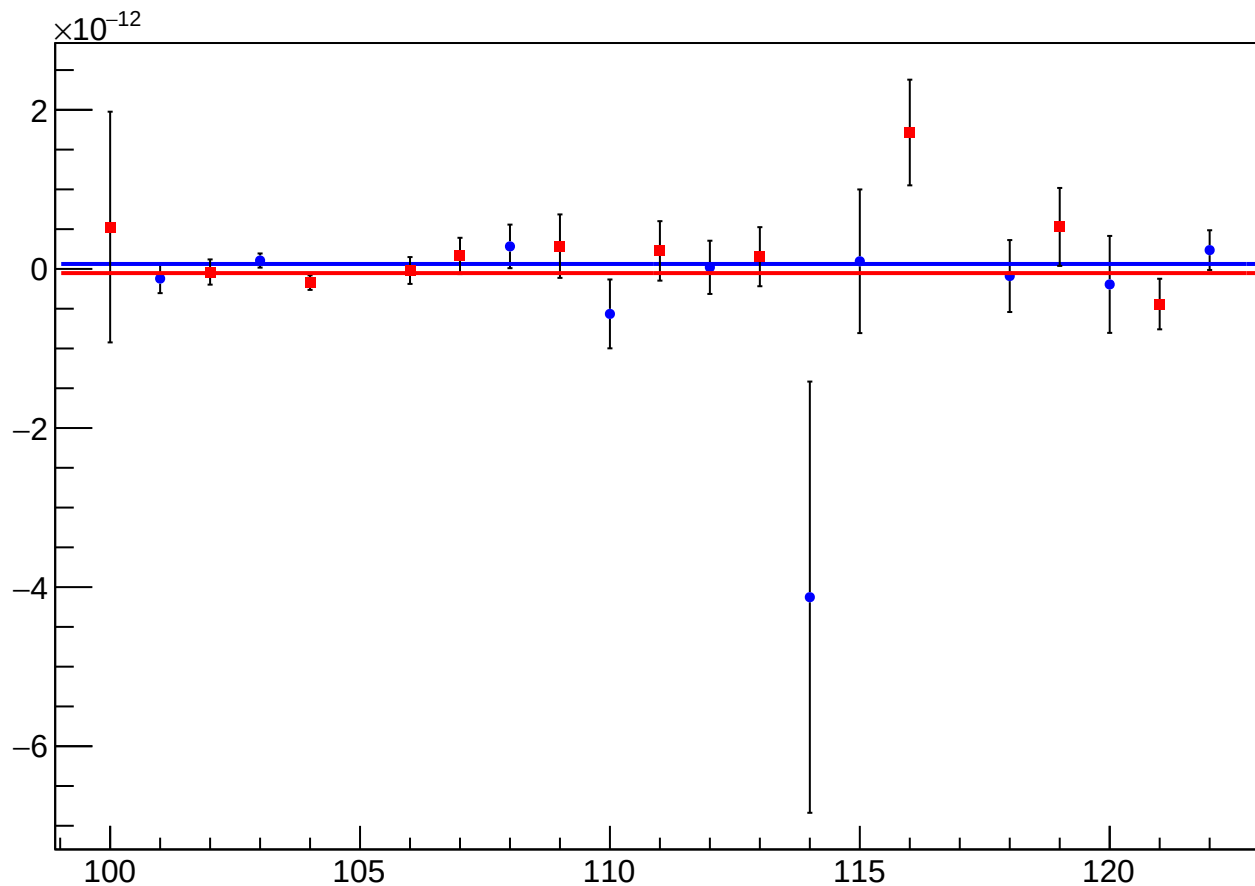
Right: 2925.119+/-0.746 χ^2/NDF : 1435478.6/20

In: 3119.414+/-1.134 χ^2/NDF : 605633.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2925.119+/-0.746 χ^2/NDF : 1435478.6/20

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 : 14.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

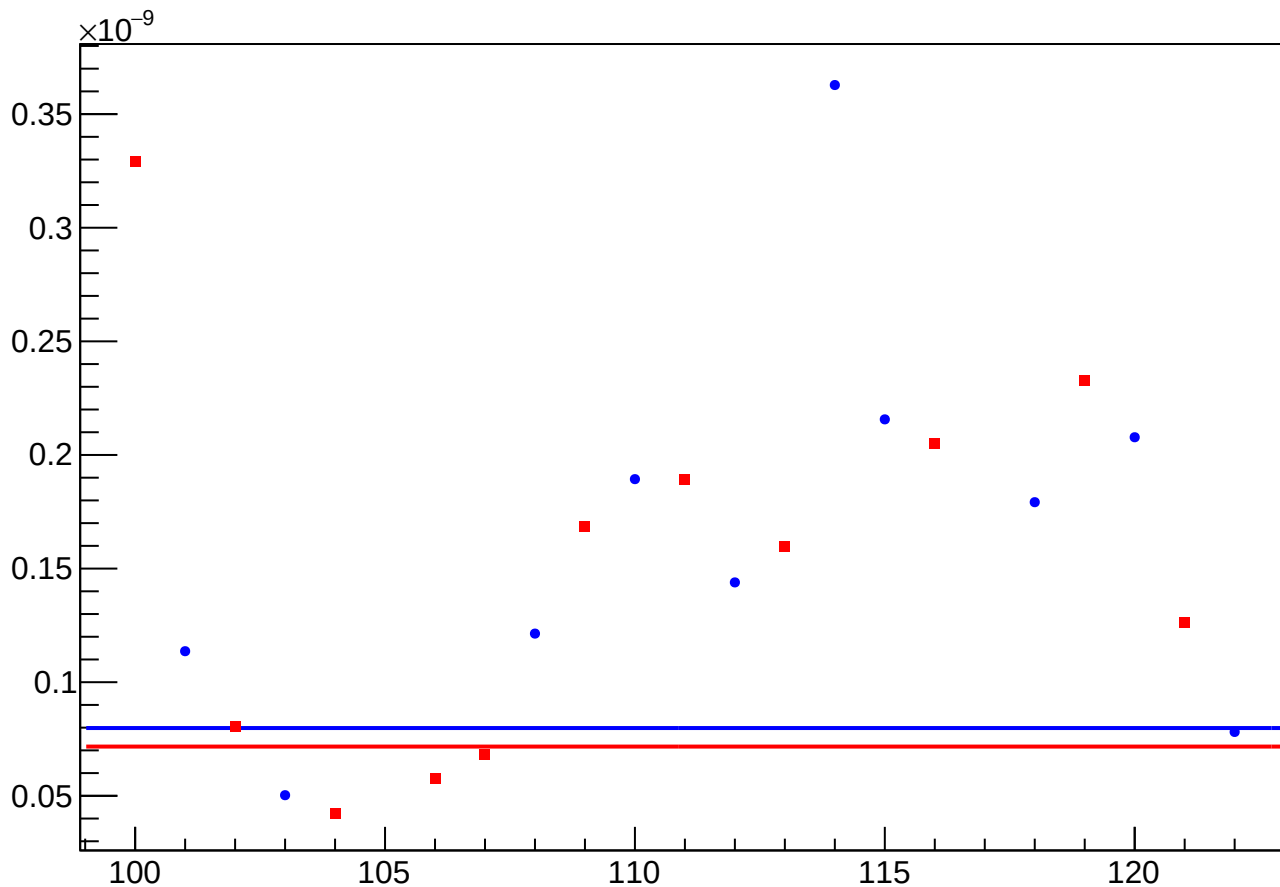
Right: -0.000+/-0.000 χ^2/NDF : 23.1/20

In: 0.000+/-0.000 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.1/20

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 : 1075333.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

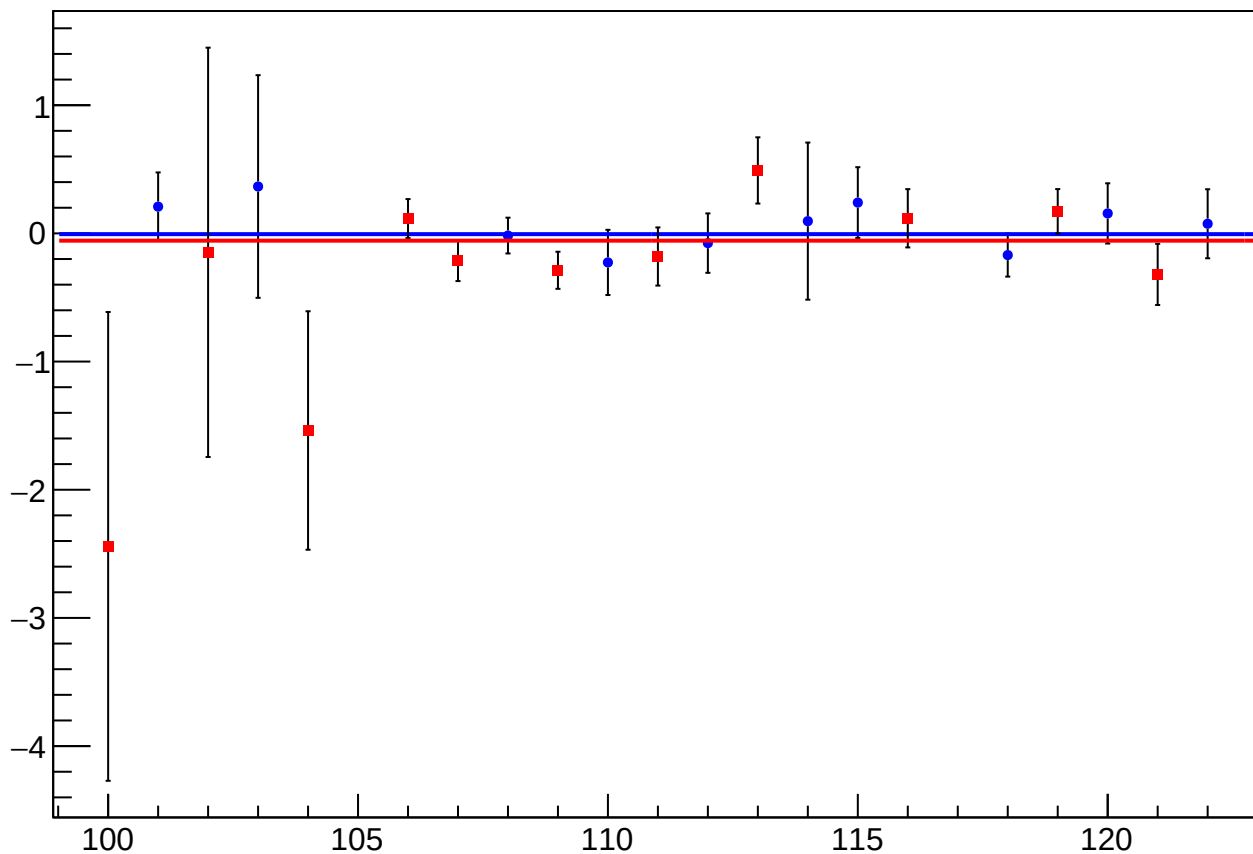
Right: 0.000+/-0.000 χ^2/NDF : 1878779.5/20

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 : 1878779.5/20

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 : 17.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

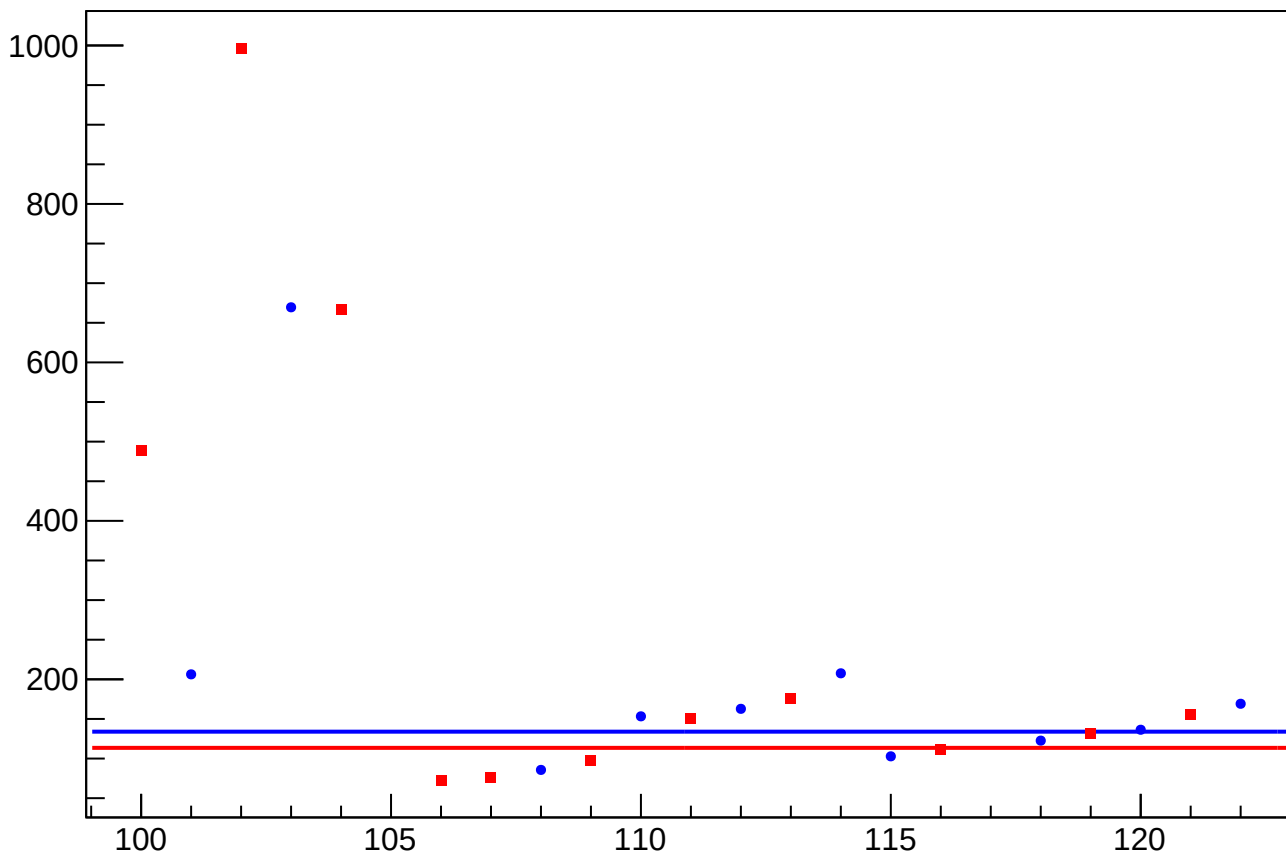
Right: -0.035 ± 0.049 χ^2/NDF : 21.7/20

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 : 21.7/20

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: 113.504+/-0.046 χ^2/NDF : 1950577.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

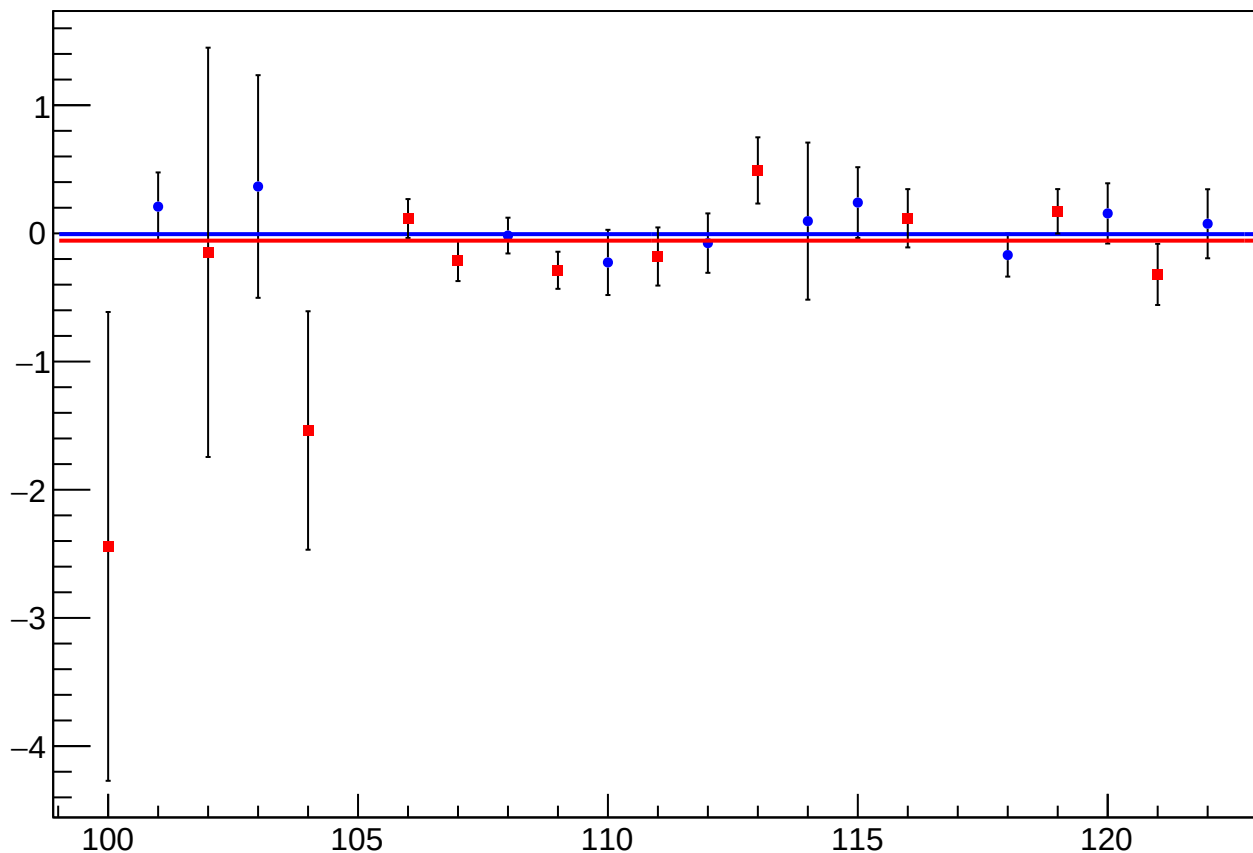
Right: 122.427+/-0.034 χ^2/NDF : 3324364.0/20

In: 133.940+/-0.052 χ^2/NDF :1287253.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 122.427+/-0.034 χ^2/NDF : 3324364.0/20

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 : 17.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

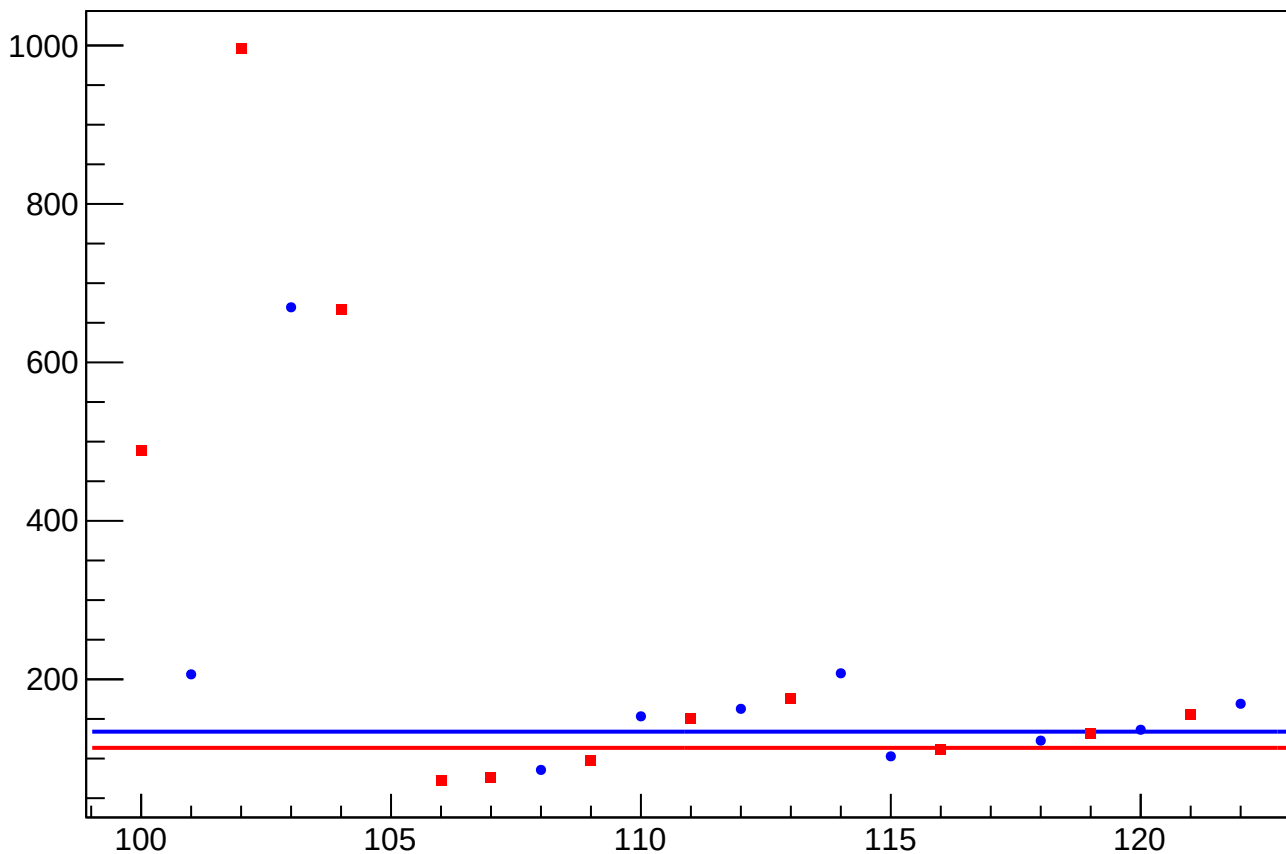
Right: -0.035+/-0.049 χ^2/NDF : 21.7/20

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 : 21.7/20

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.940 $\pm$ 0.052 χ^2 /NDF: 1287253.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.504 $\pm$ 0.046 χ^2 /NDF: 1950577.5/10

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

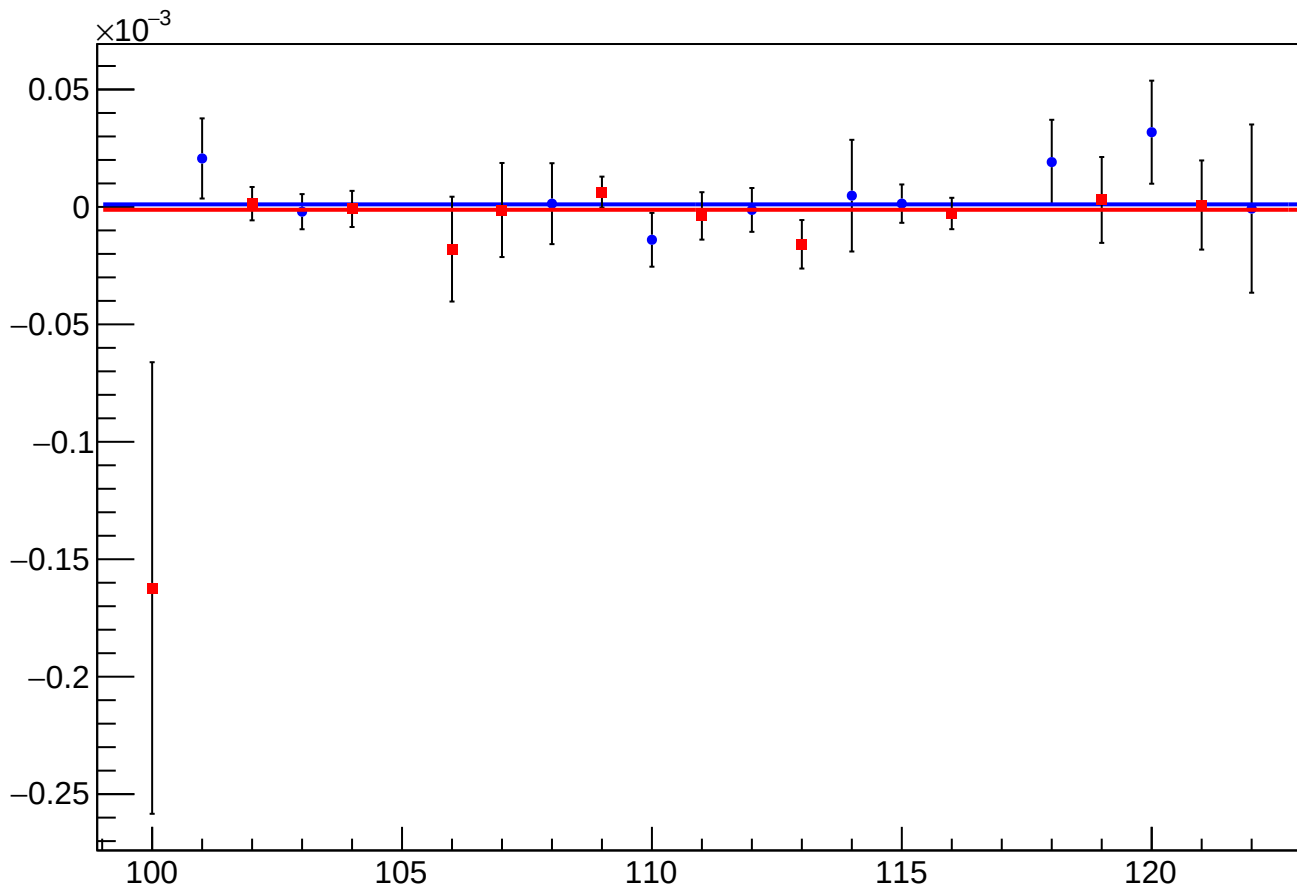
Right: 122.427 $\pm$ 0.034 χ^2 /NDF: 3324364.0/20

In: 133.940 $\pm$ 0.052 χ^2 /NDF:1287253.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 122.427 $\pm$ 0.034 χ^2 /NDF: 3324364.0/20

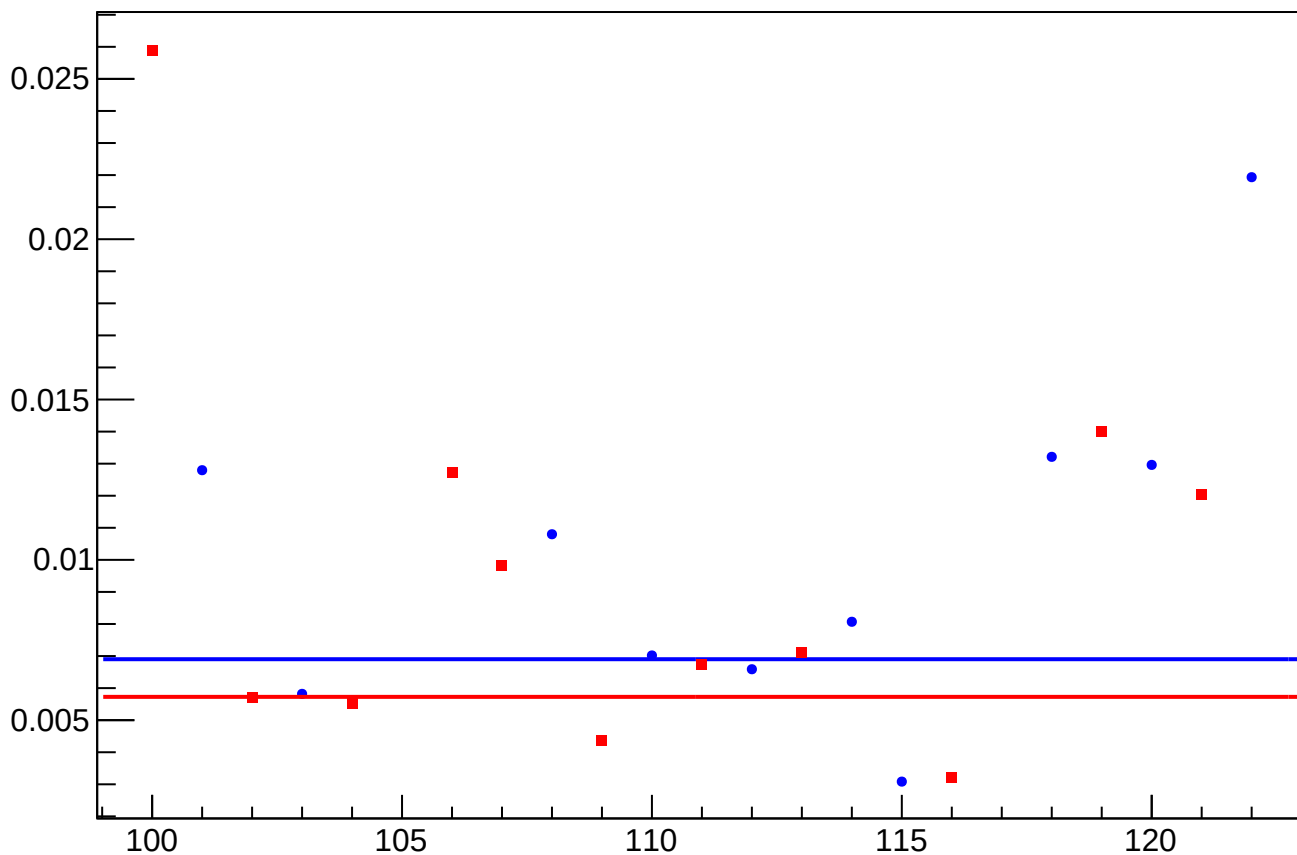
asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 7.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 13.5/20
 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 : 13.5/20

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: 0.006+/-0.000 χ^2/NDF : 1431203.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

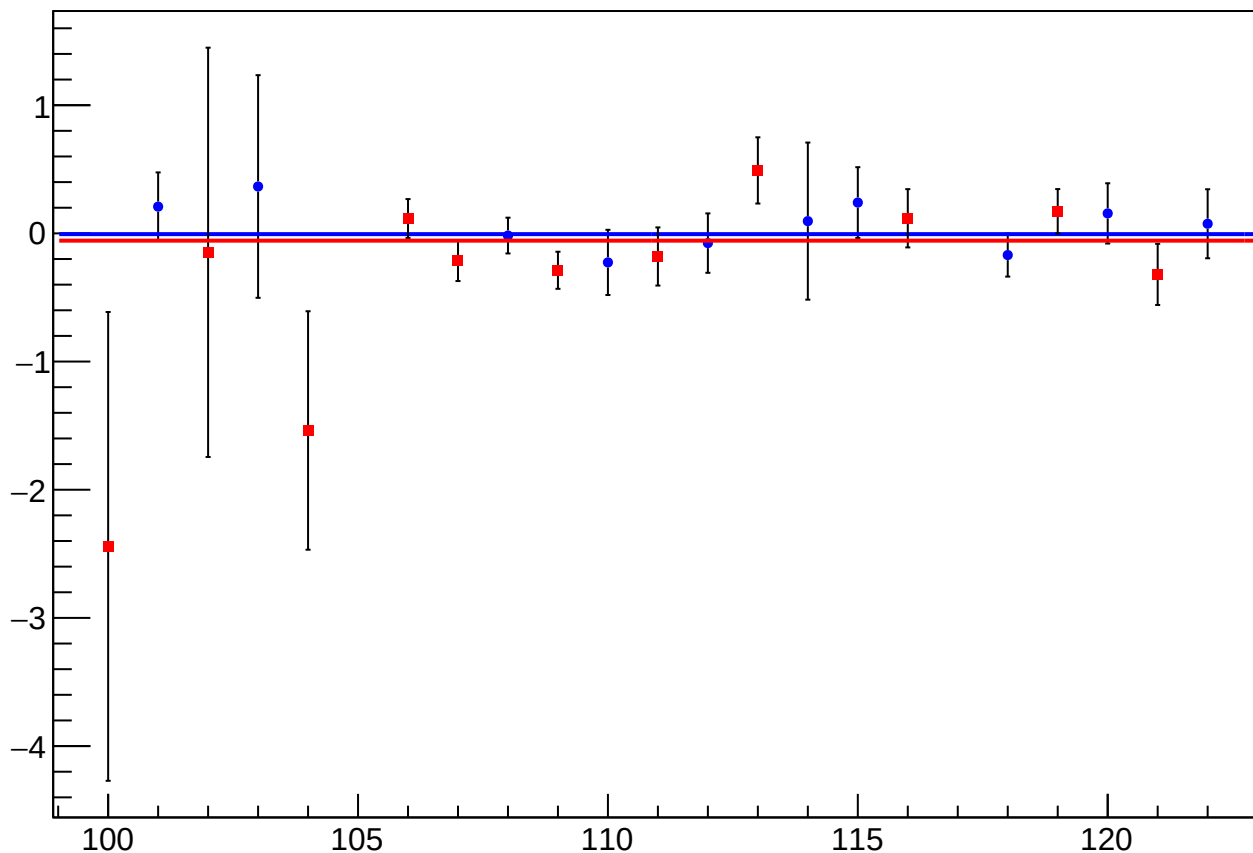
Right: 0.006+/-0.000 χ^2/NDF : 3124313.2/20

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 : 3124313.2/20

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 : 17.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

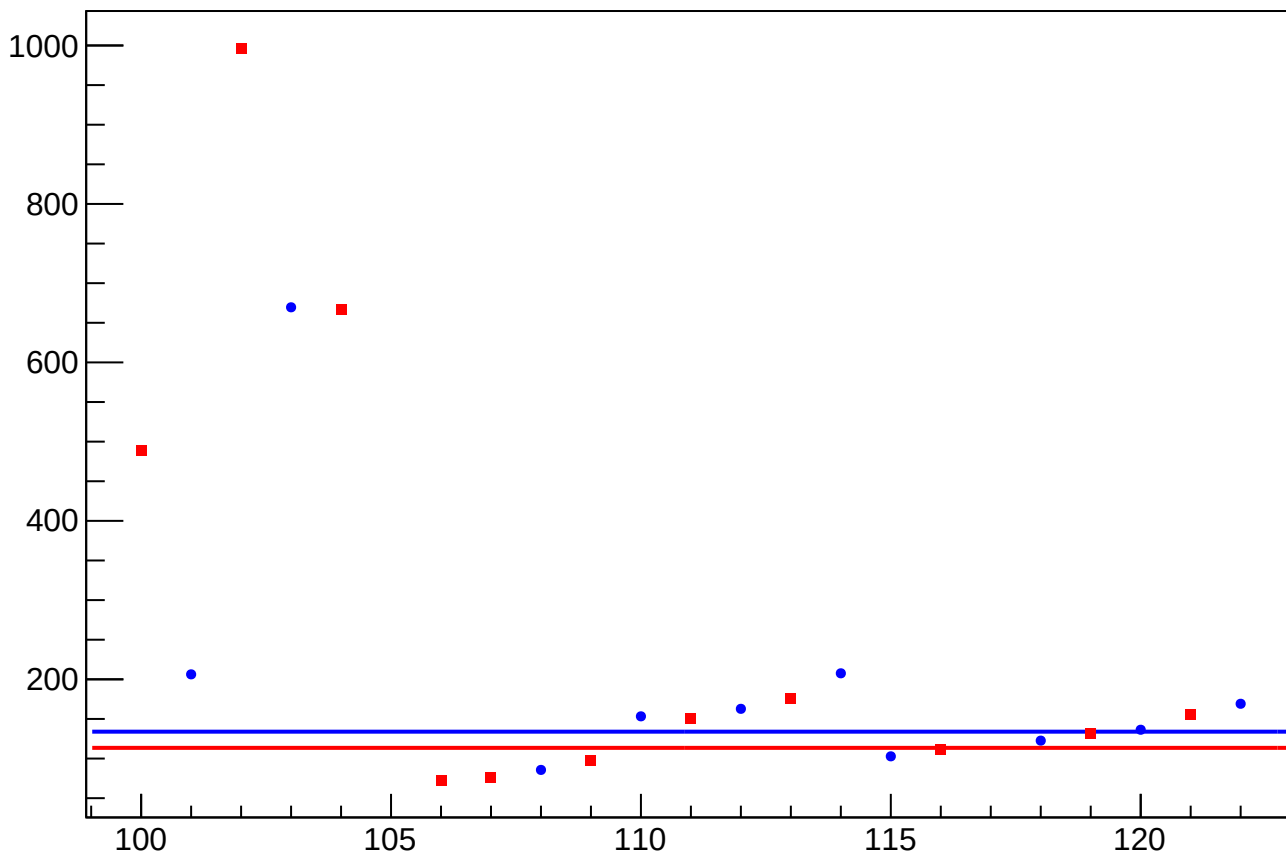
Right: -0.035 ± 0.049 χ^2/NDF : 21.7/20

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 : 21.7/20

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: 113.504+/-0.046 χ^2/NDF : 1950575.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

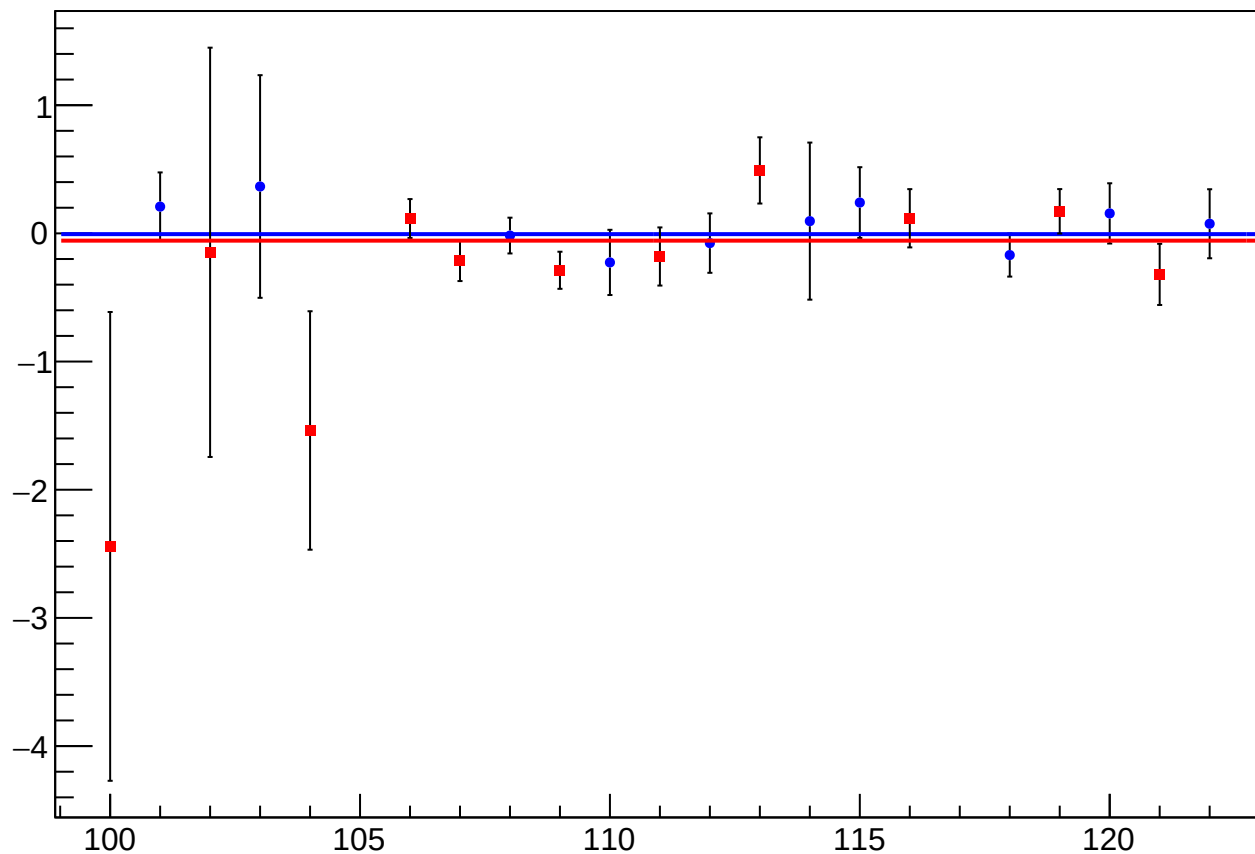
Right: 122.426+/-0.034 χ^2/NDF : 3324406.5/20

In: 133.937+/-0.052 χ^2/NDF : 1287324.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.426+/-0.034 χ^2/NDF : 3324406.5/20

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 : 17.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

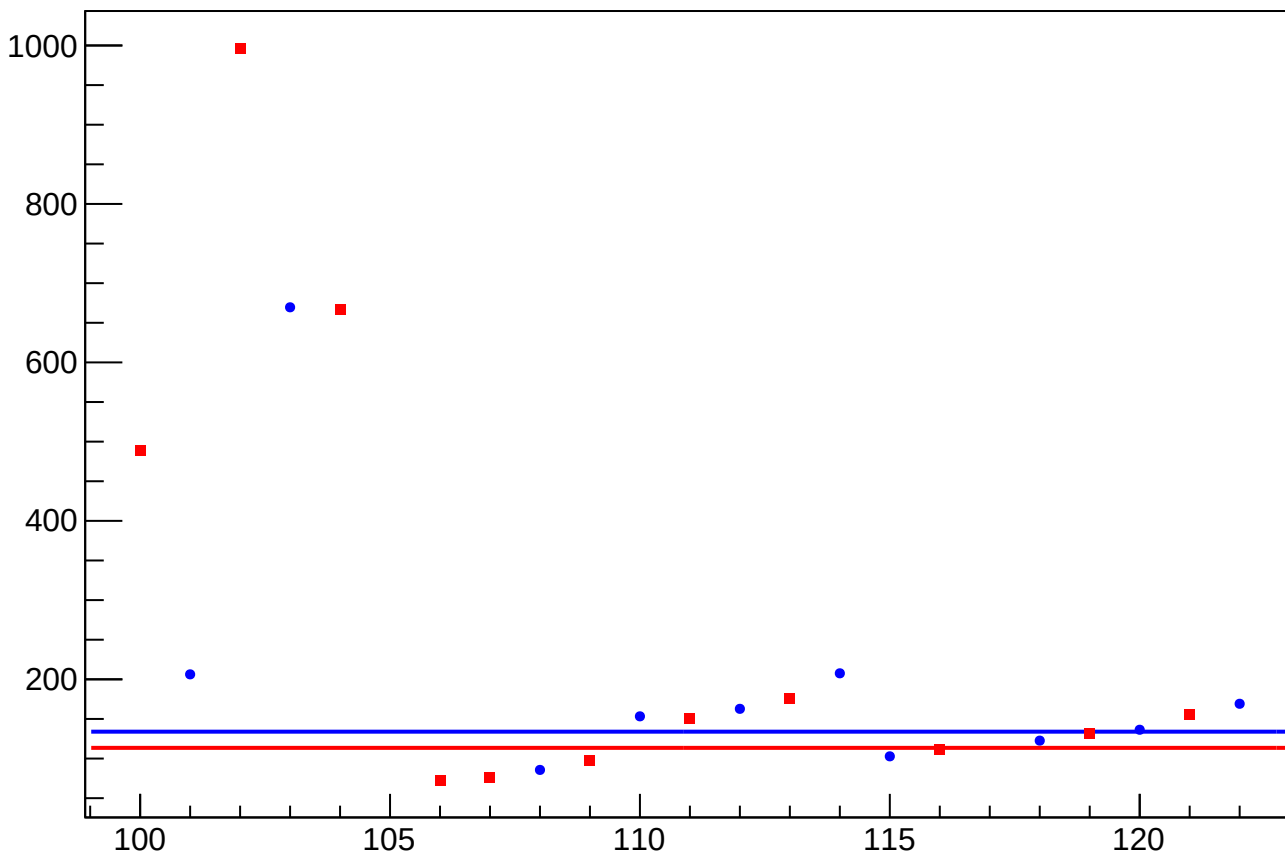
Right: -0.035 ± 0.049 χ^2/NDF : 21.7/20

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 : 21.7/20

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: 113.504+/-0.046 χ^2/NDF : 1950575.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

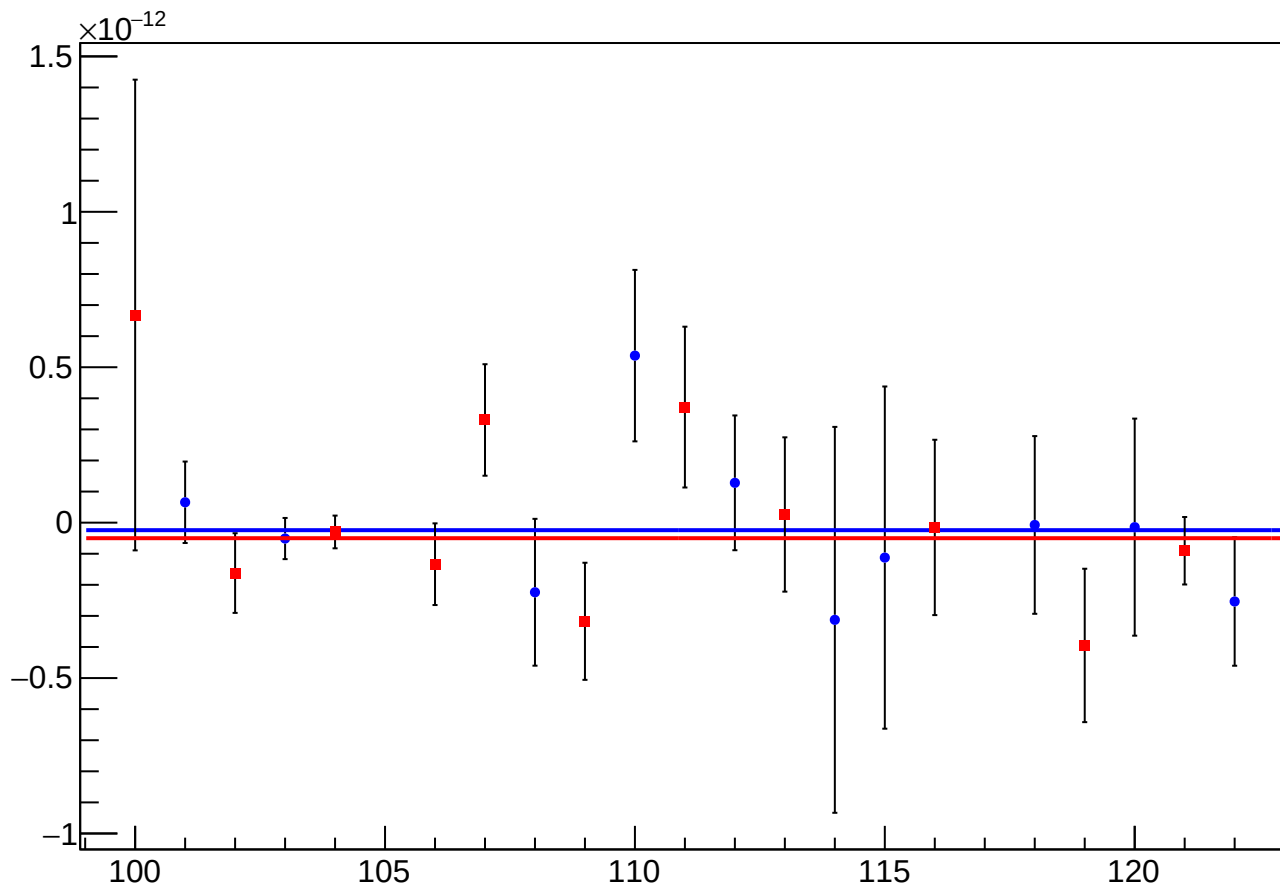
Right: 122.426+/-0.034 χ^2/NDF : 3324406.5/20

In: 133.937+/-0.052 χ^2/NDF : 1287324.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.426+/-0.034 χ^2/NDF : 3324406.5/20

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 : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

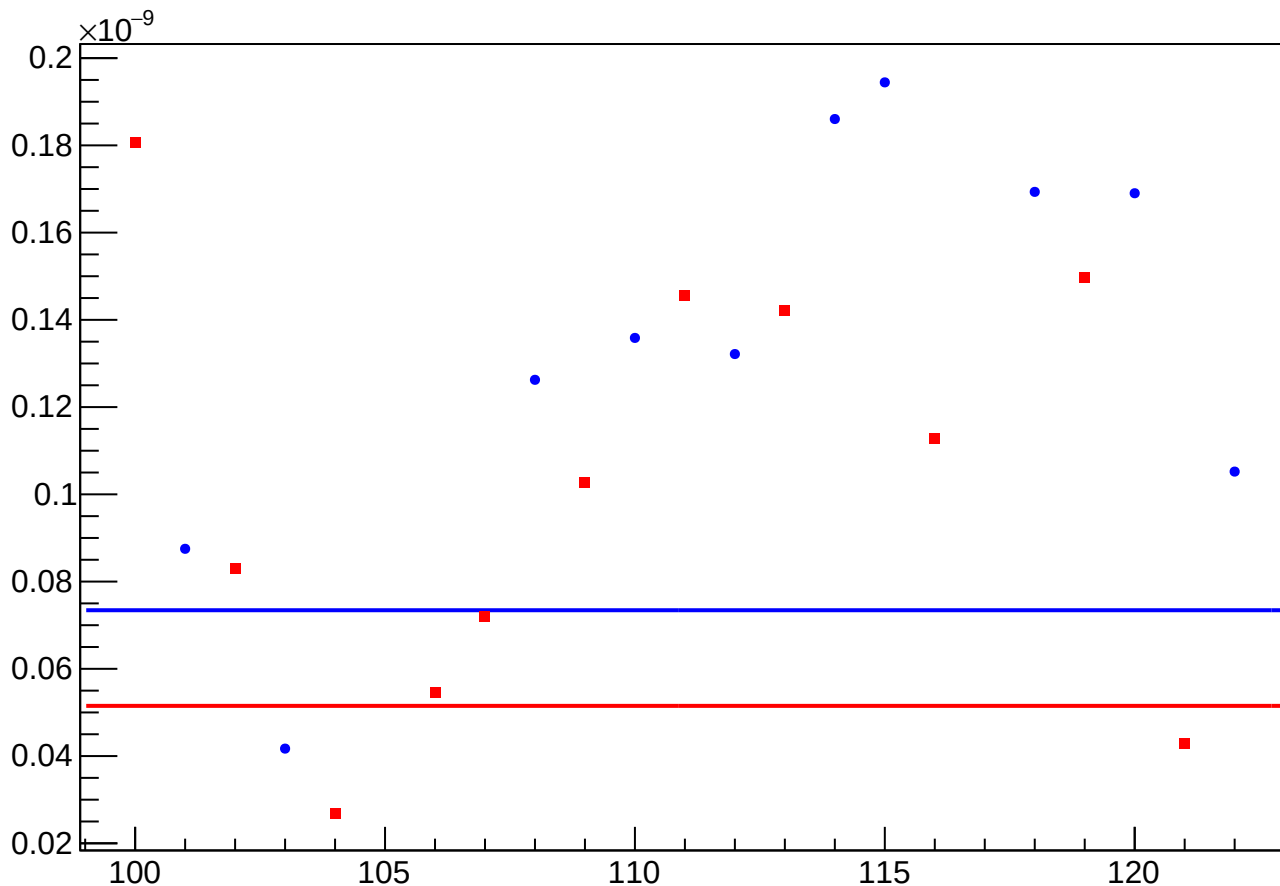
Right: -0.000+/-0.000 χ^2/NDF : 21.2/20

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 : 21.2/20

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 : 1749077.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

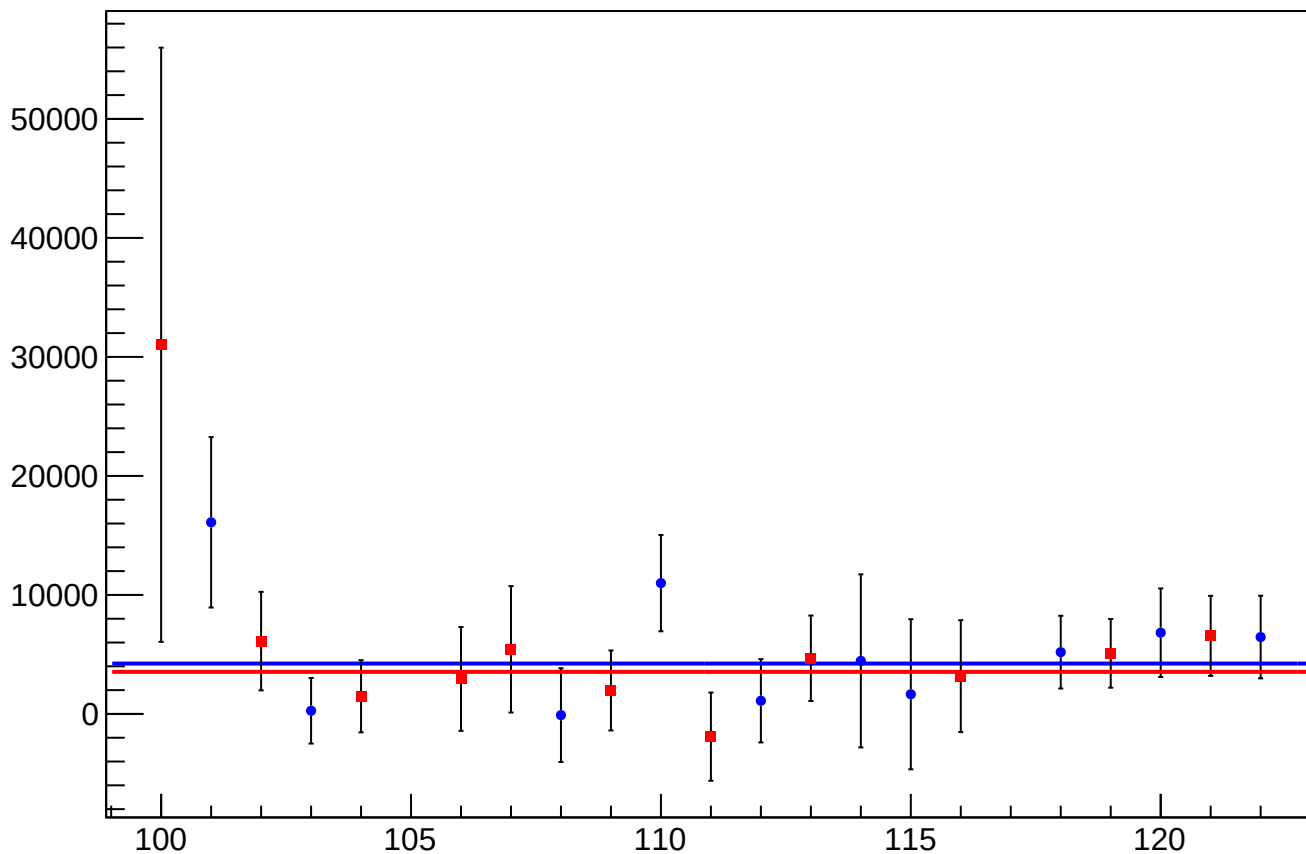
Right: 0.000+/-0.000 χ^2/NDF : 3403384.1/20

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 : 3403384.1/20

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

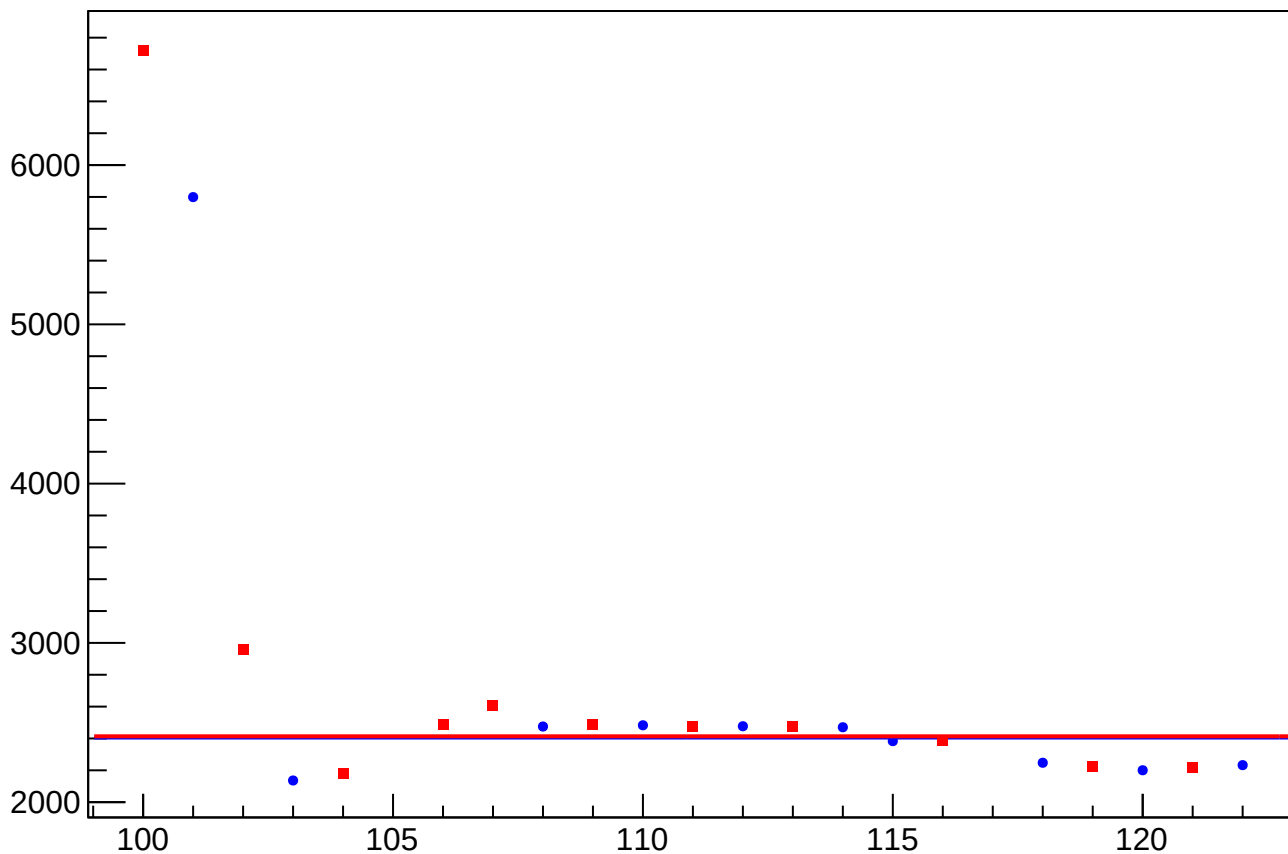
Right: 3863.993+/-840.818 χ^2/NDF : 16.7/20

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

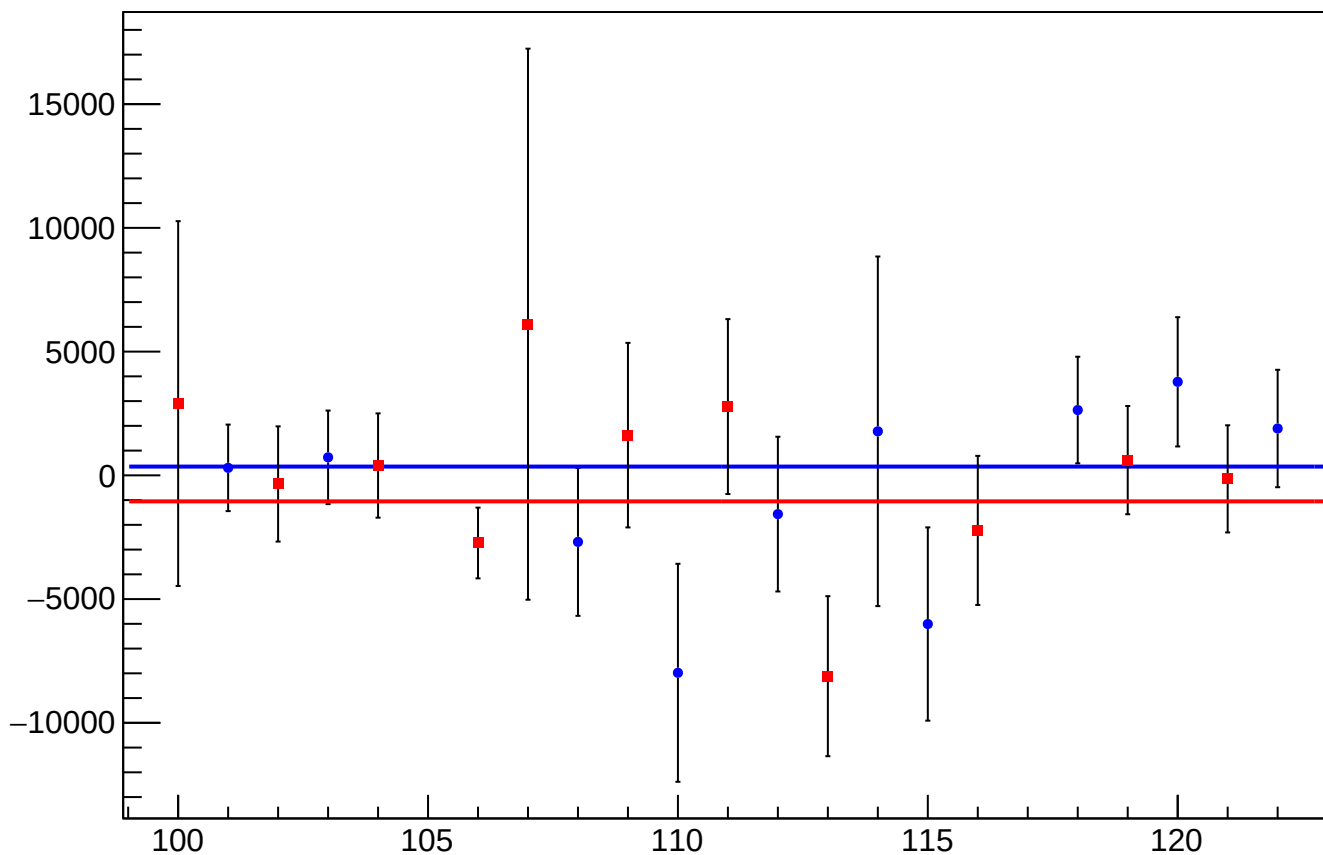
Right: 2409.917+/-0.595 χ^2/NDF : 613631.5/20

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

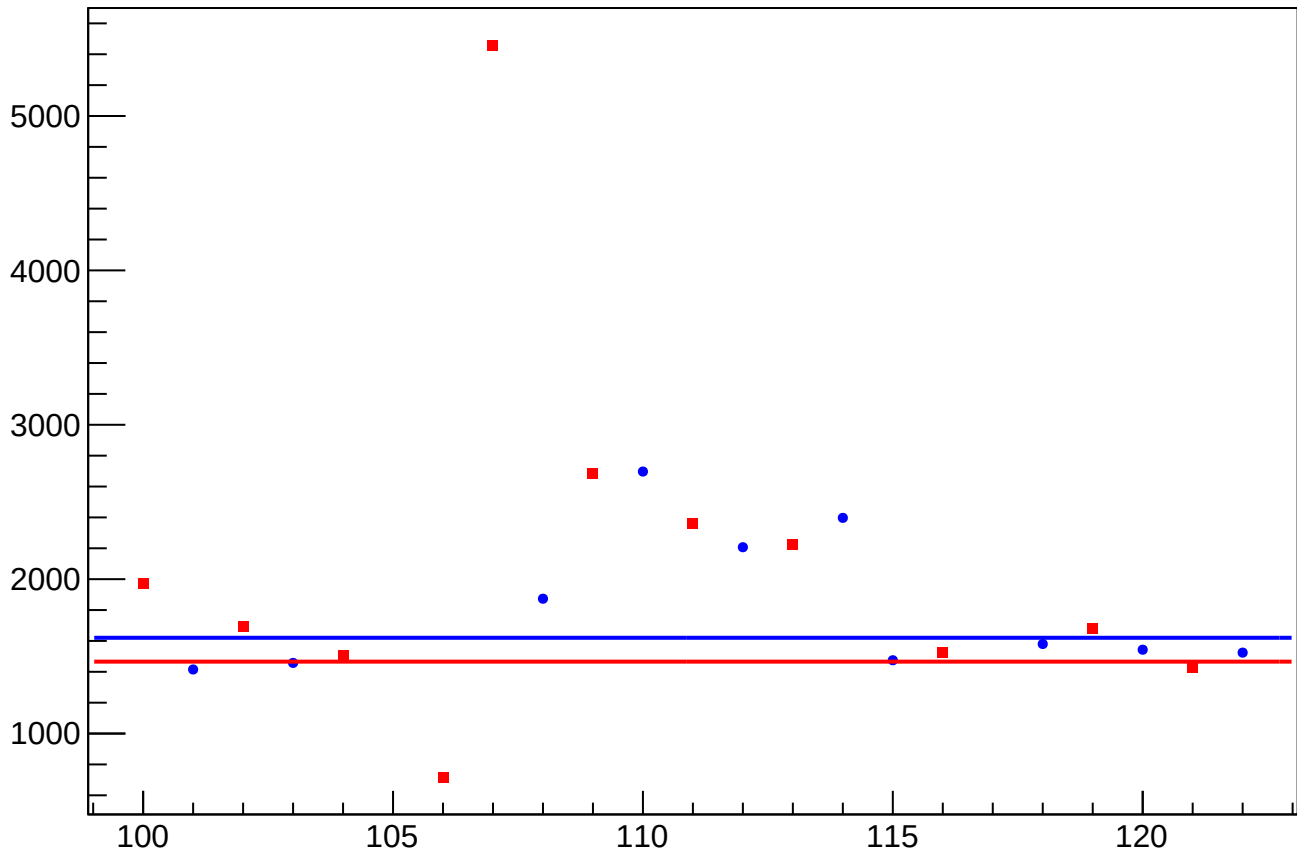
Right: -394.171+/-558.632 χ^2/NDF : 22.6/20

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

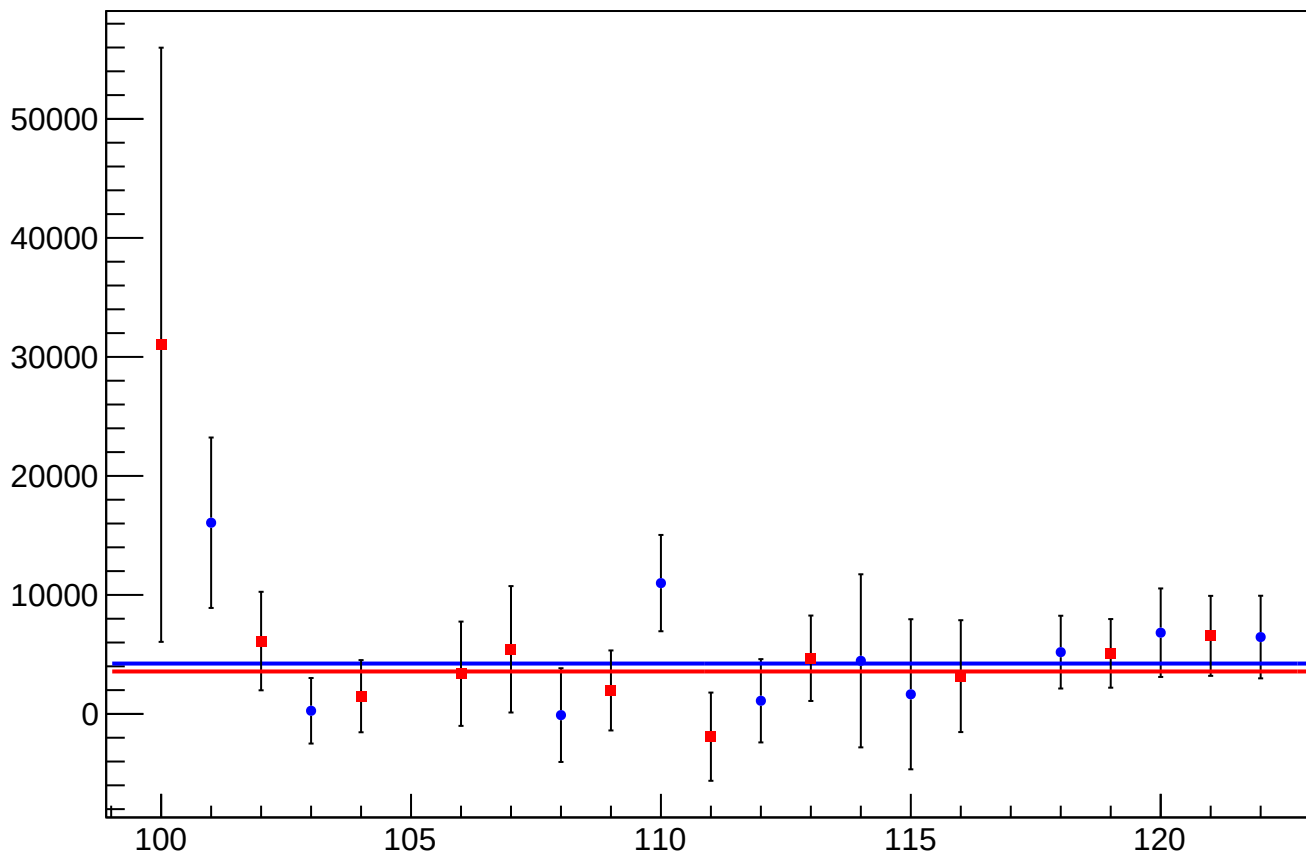
Right: 1538.096+/-0.395 χ^2/NDF : 1630055.4/20

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

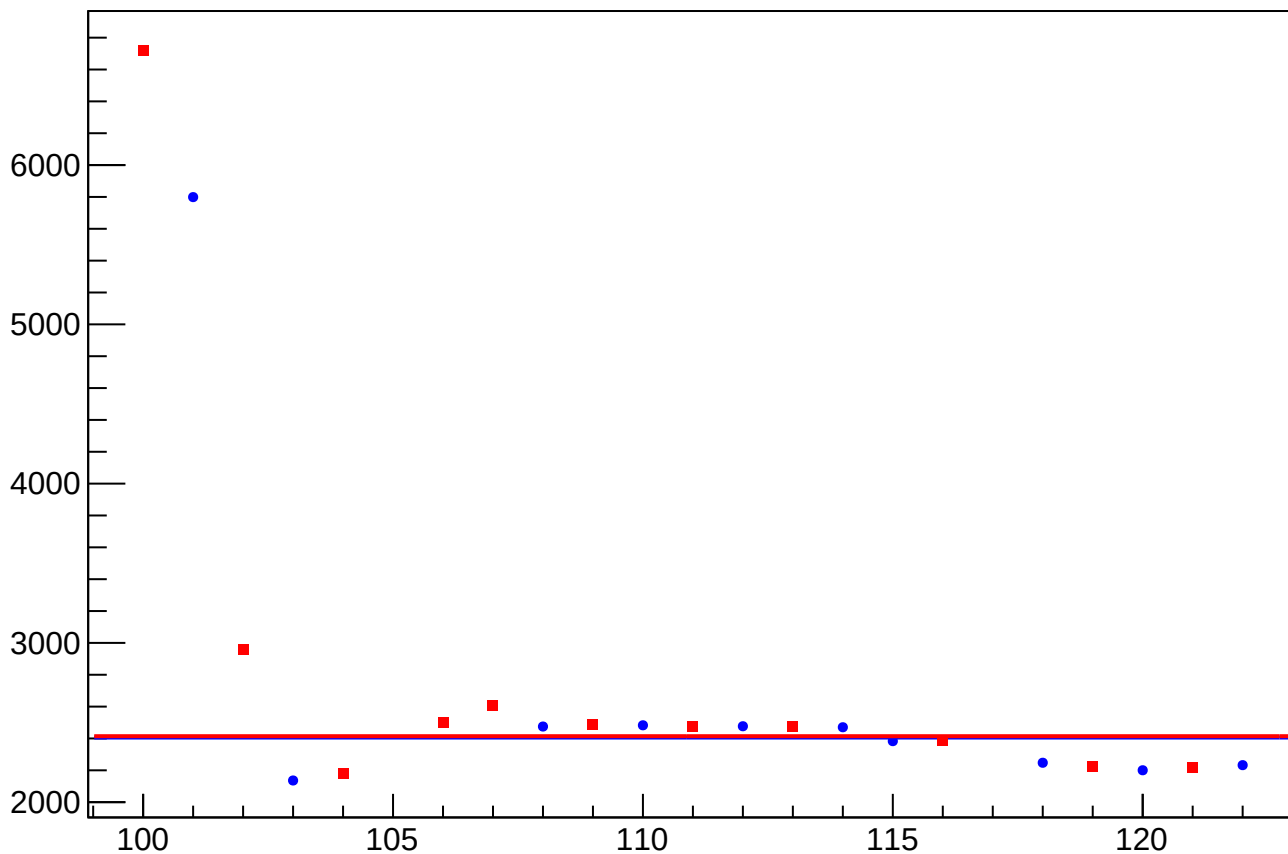
Right: 3880.383+/-840.953 χ^2/NDF : 16.7/20

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

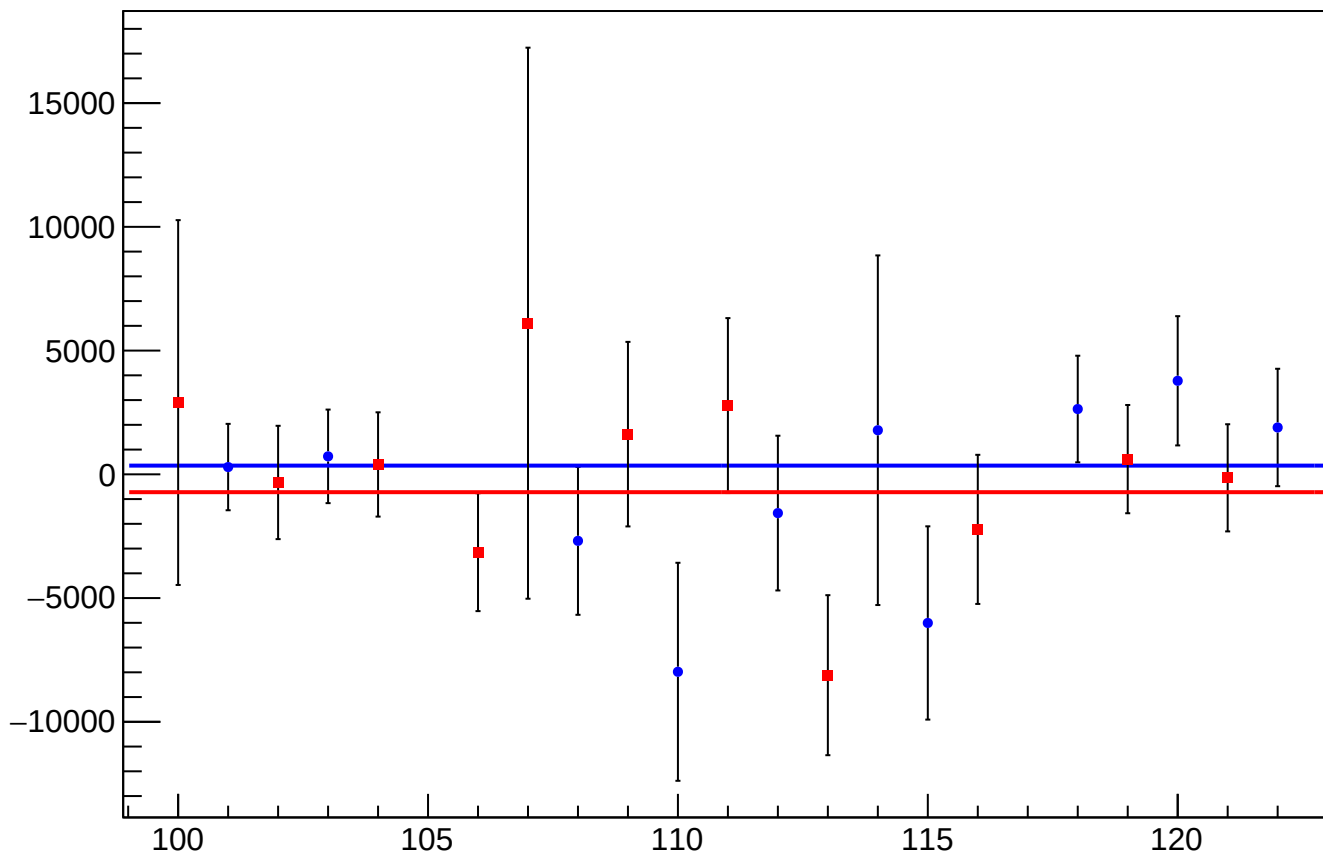
Right: 2410.286+/-0.595 χ^2/NDF : 613817.1/20

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

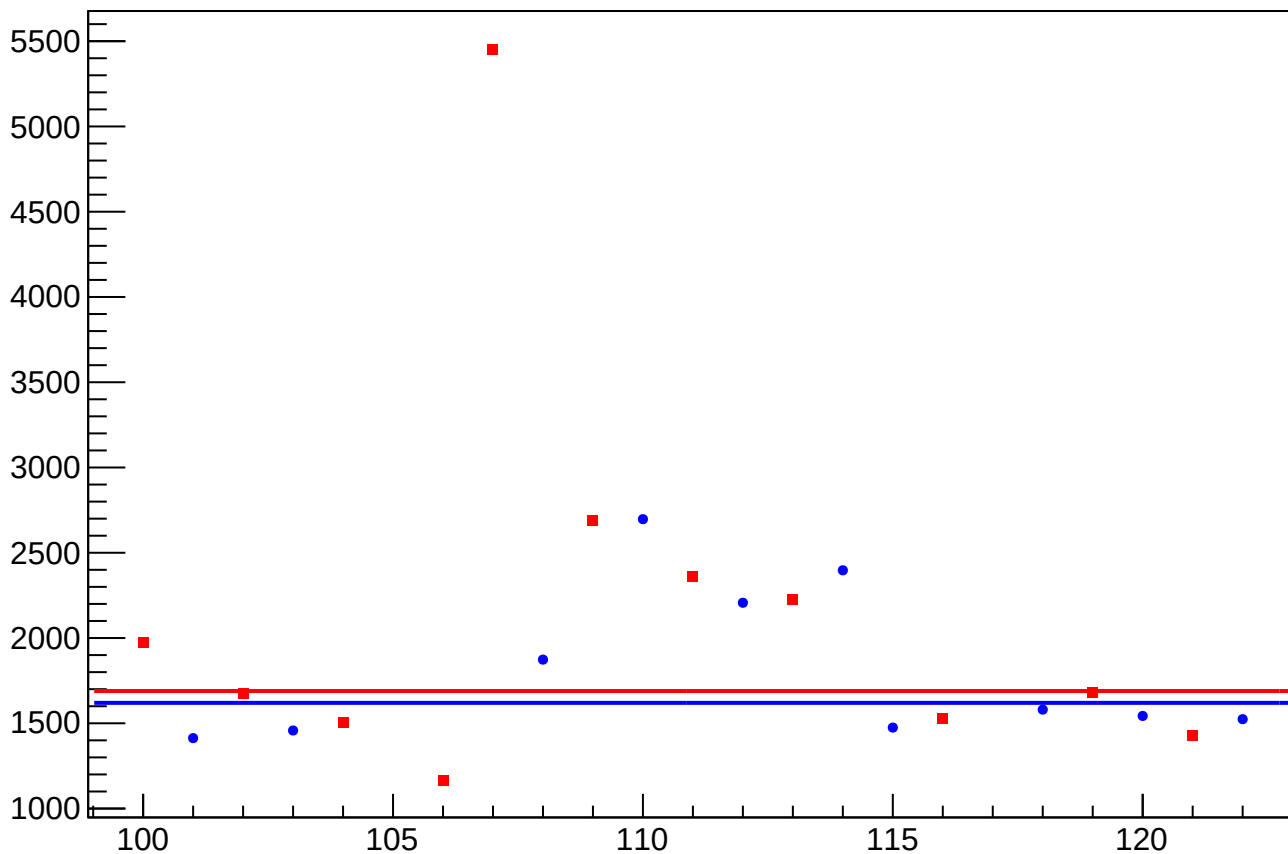
Right: -165.882+/-587.365 χ^2/NDF : 21.1/20

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

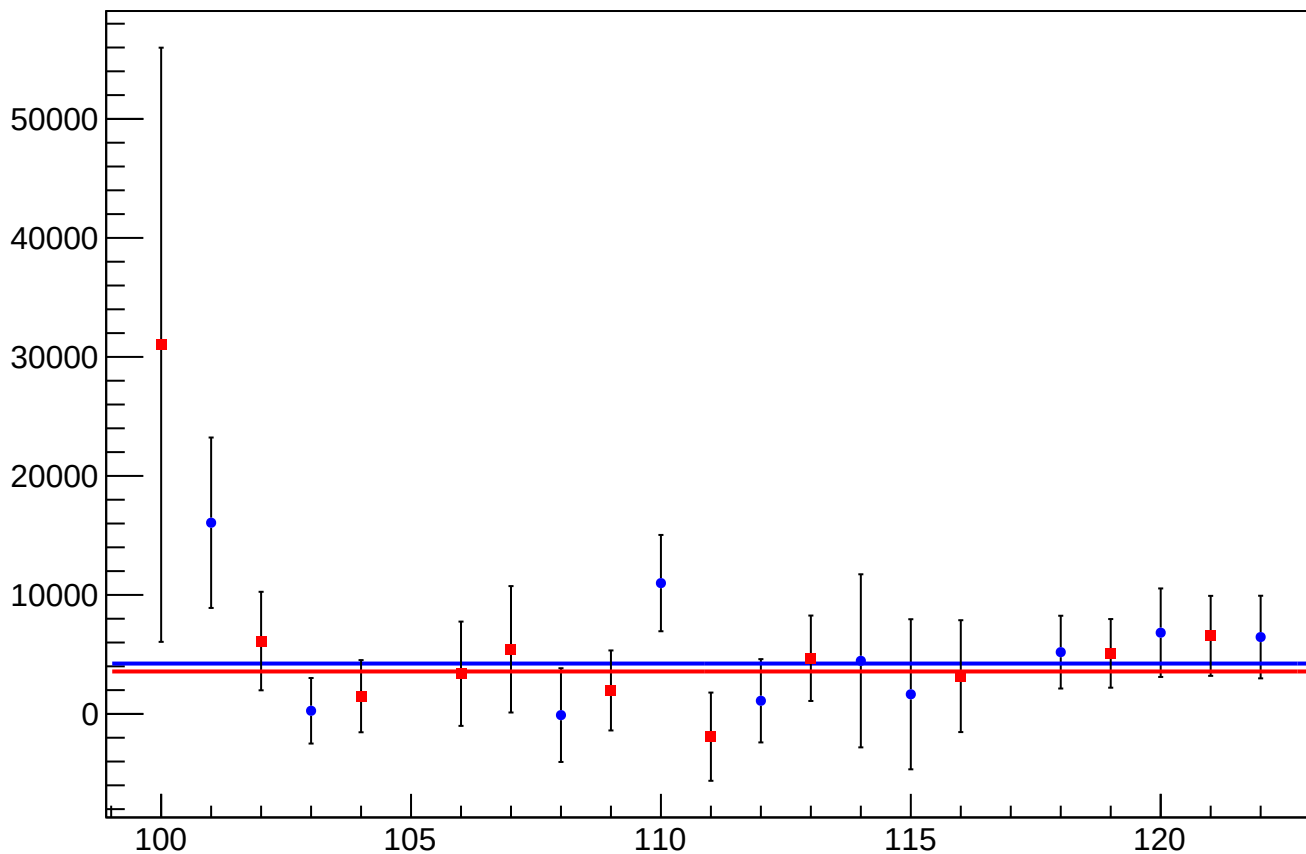
Right: 1653.336+/-0.415 χ^2/NDF : 937028.6/20

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

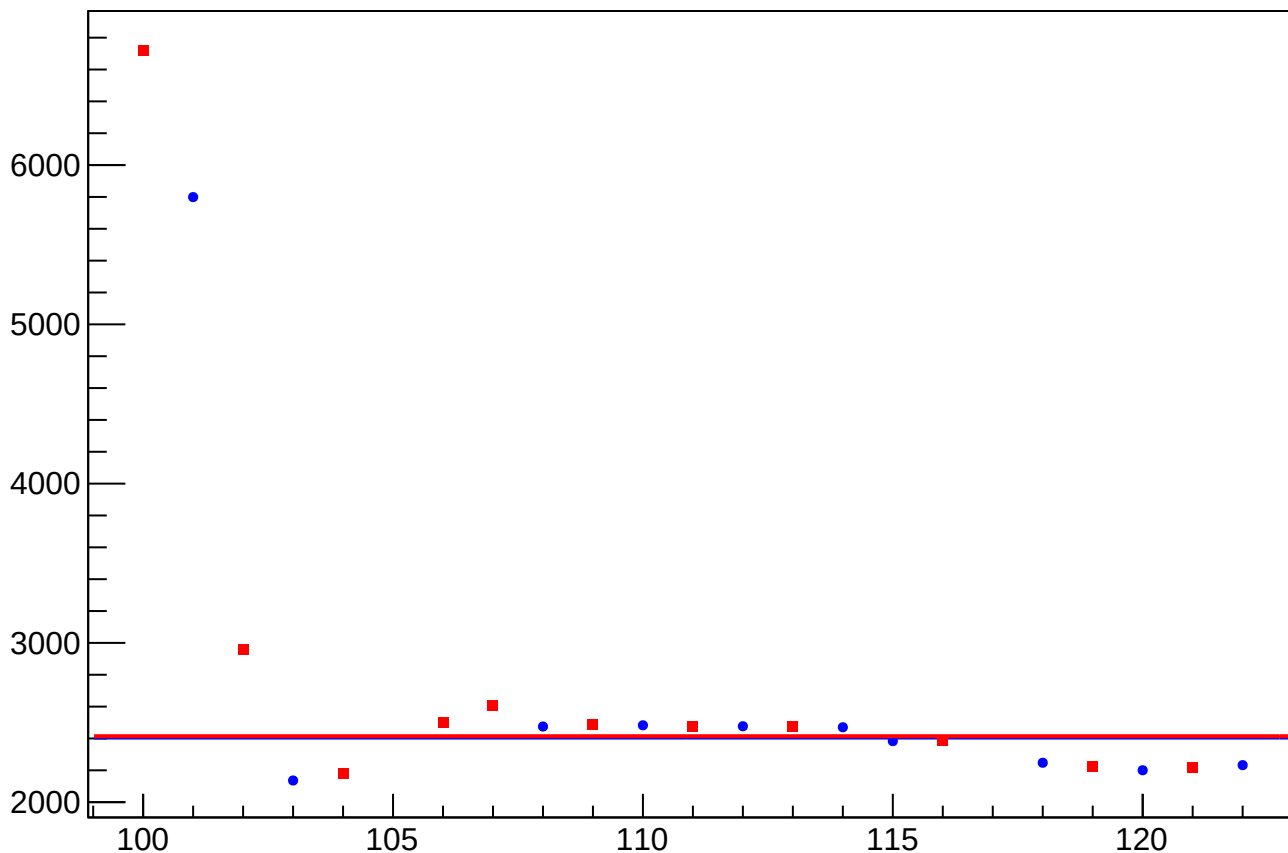
Right: 3880.383+/-840.953 χ^2/NDF : 16.7/20

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

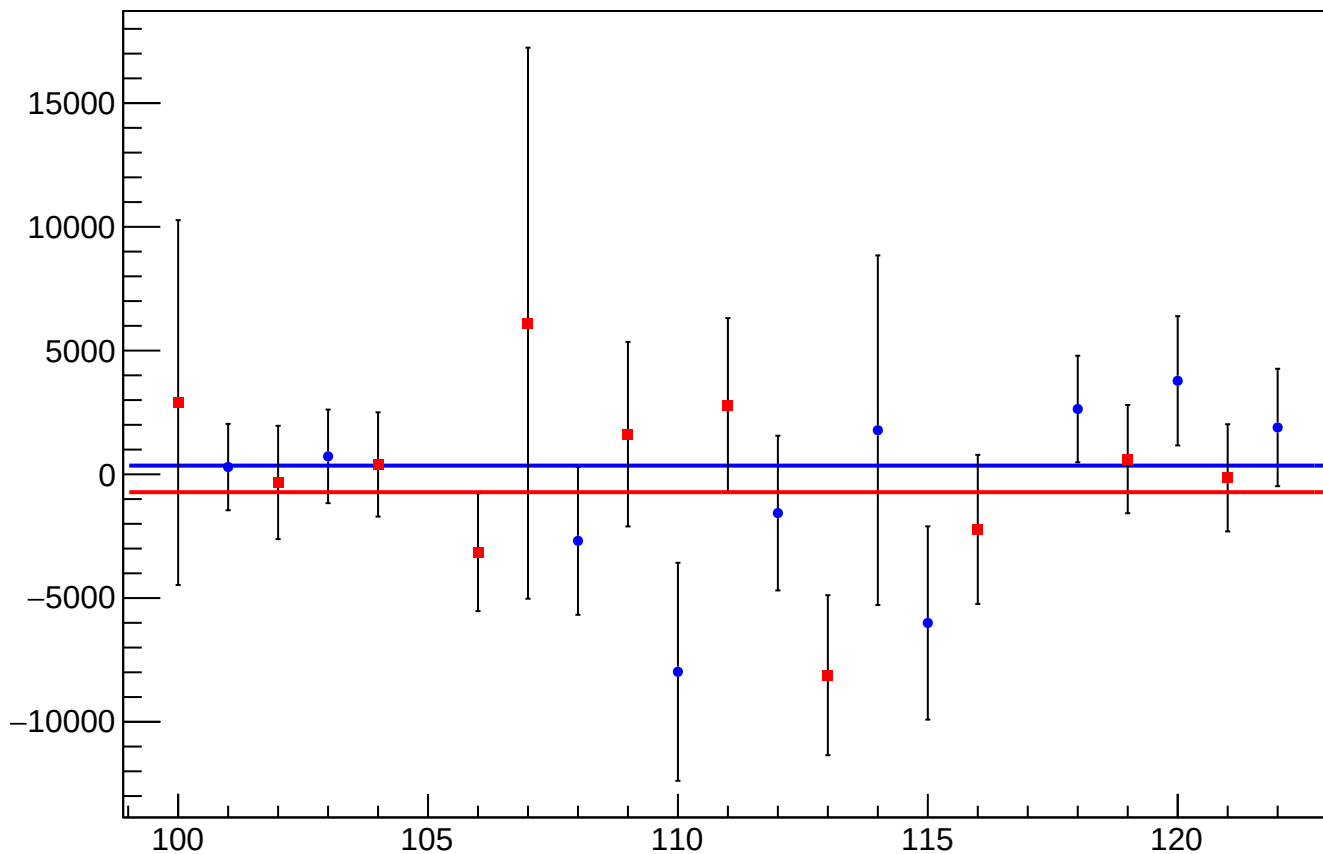
Right: 2410.286+/-0.595 χ^2/NDF : 613817.1/20

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

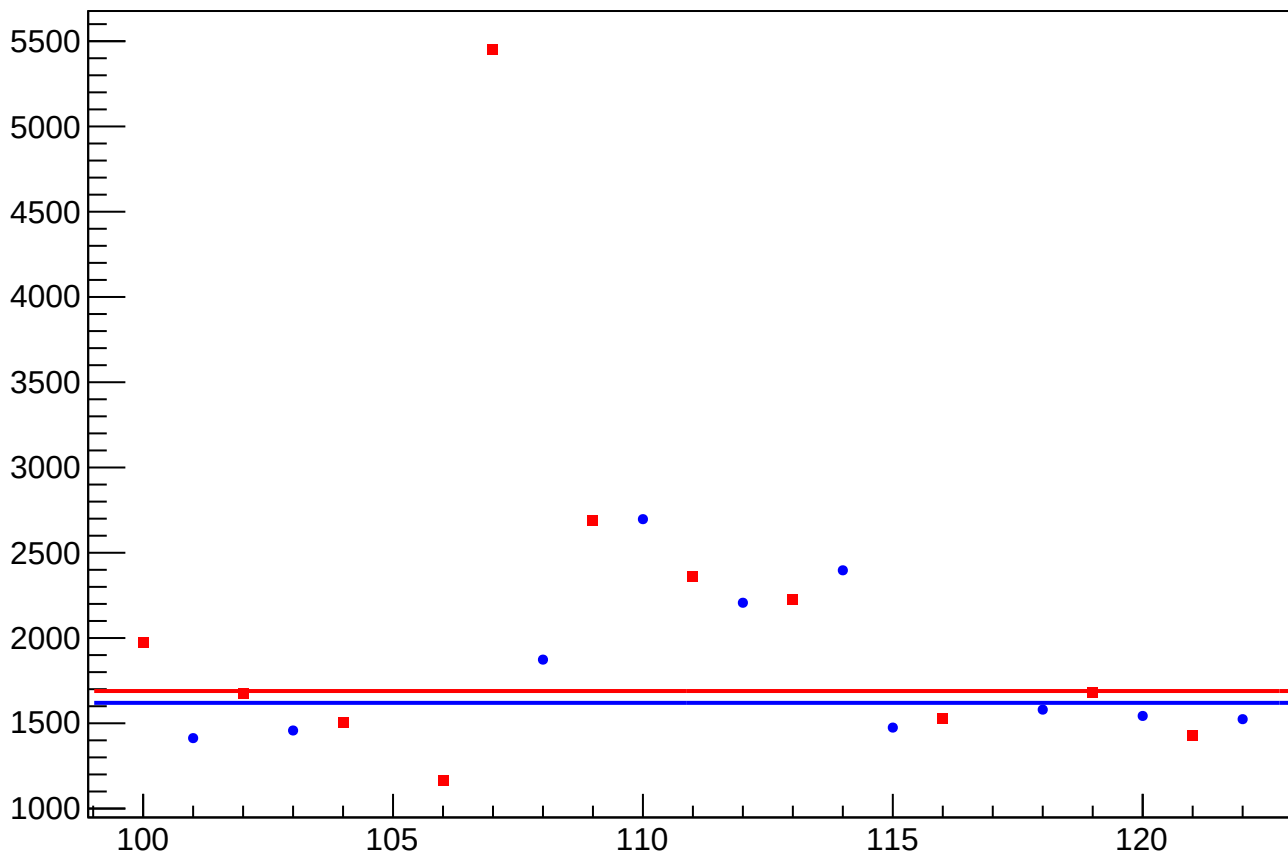
Right: -165.882+/-587.365 χ^2/NDF : 21.1/20

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

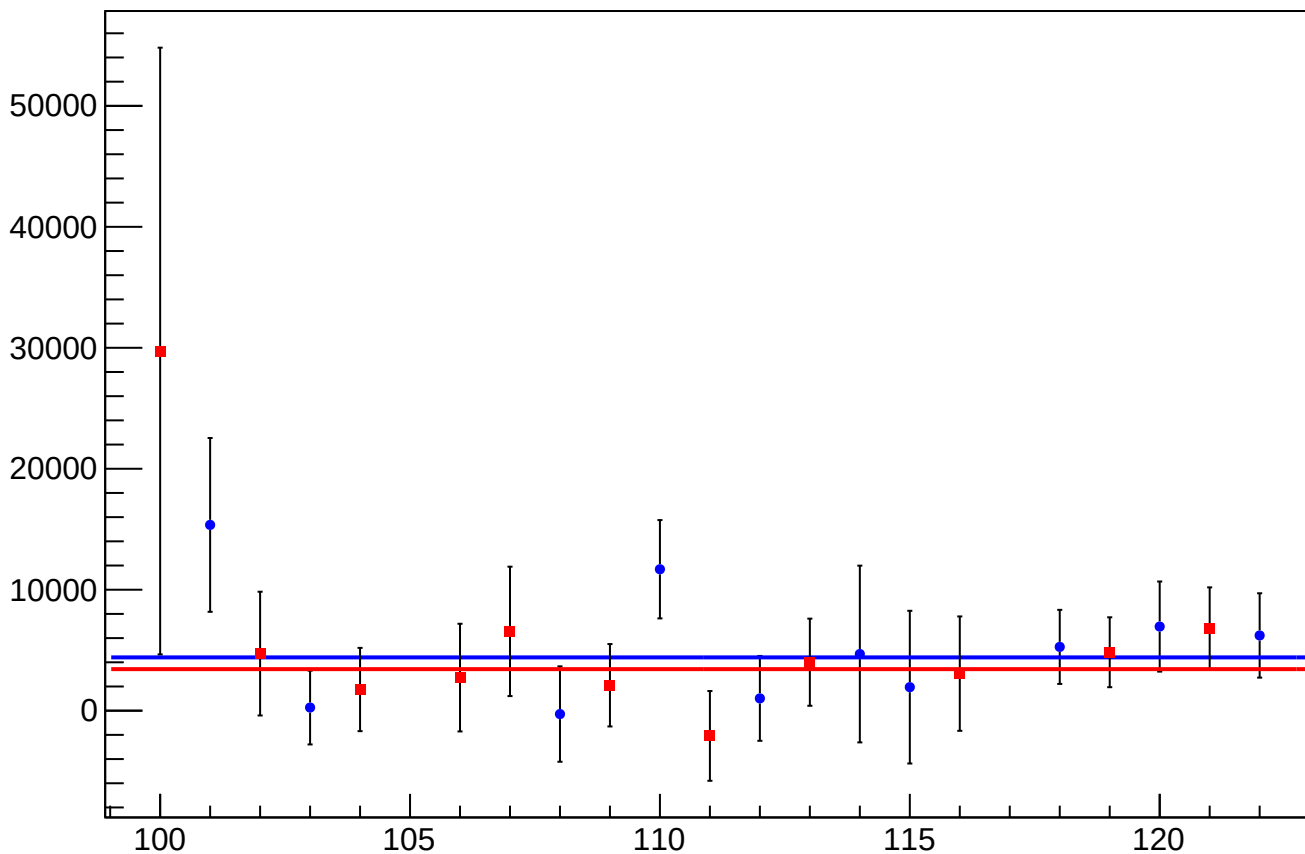
Right: 1653.336+/-0.415 χ^2/NDF : 937028.6/20

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

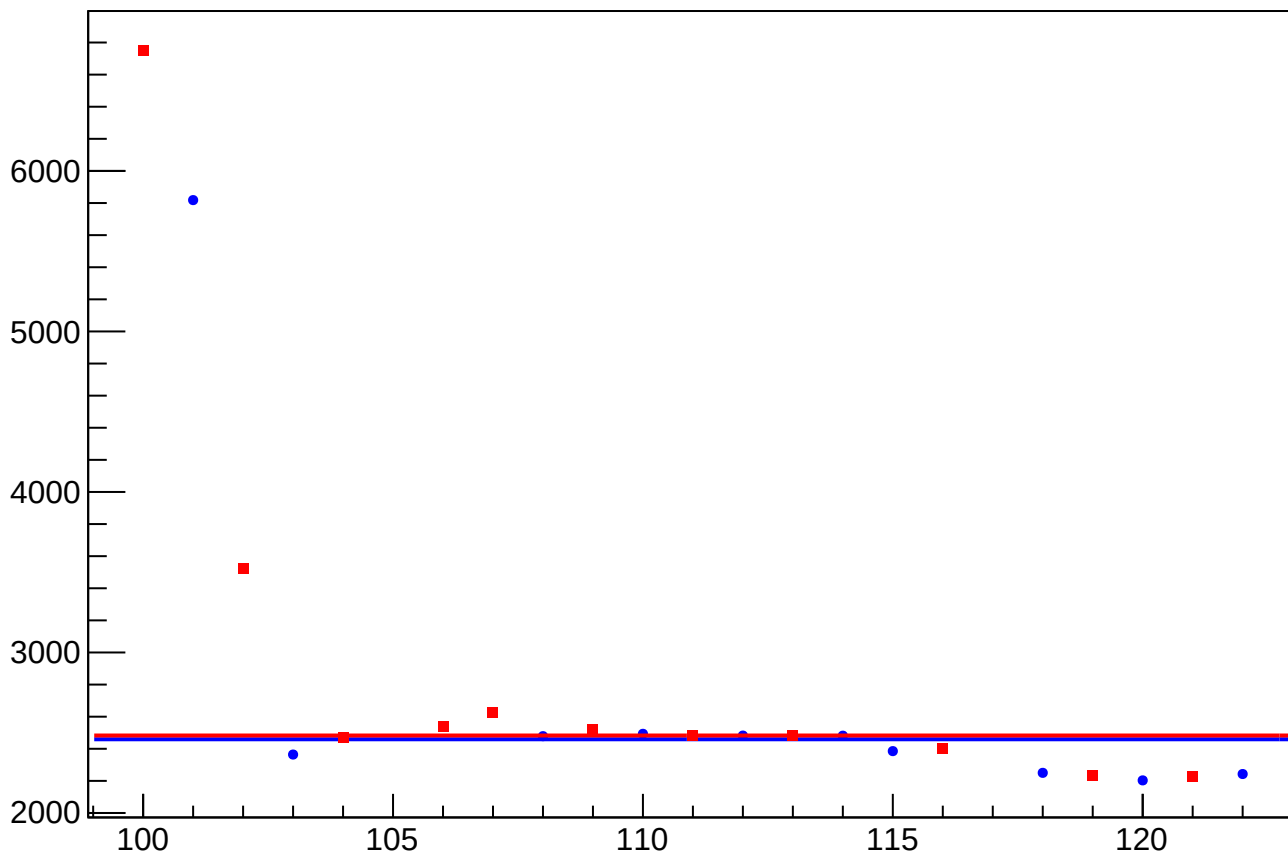
Right: 3898.528+/-865.135 χ^2/NDF : 16.4/20

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

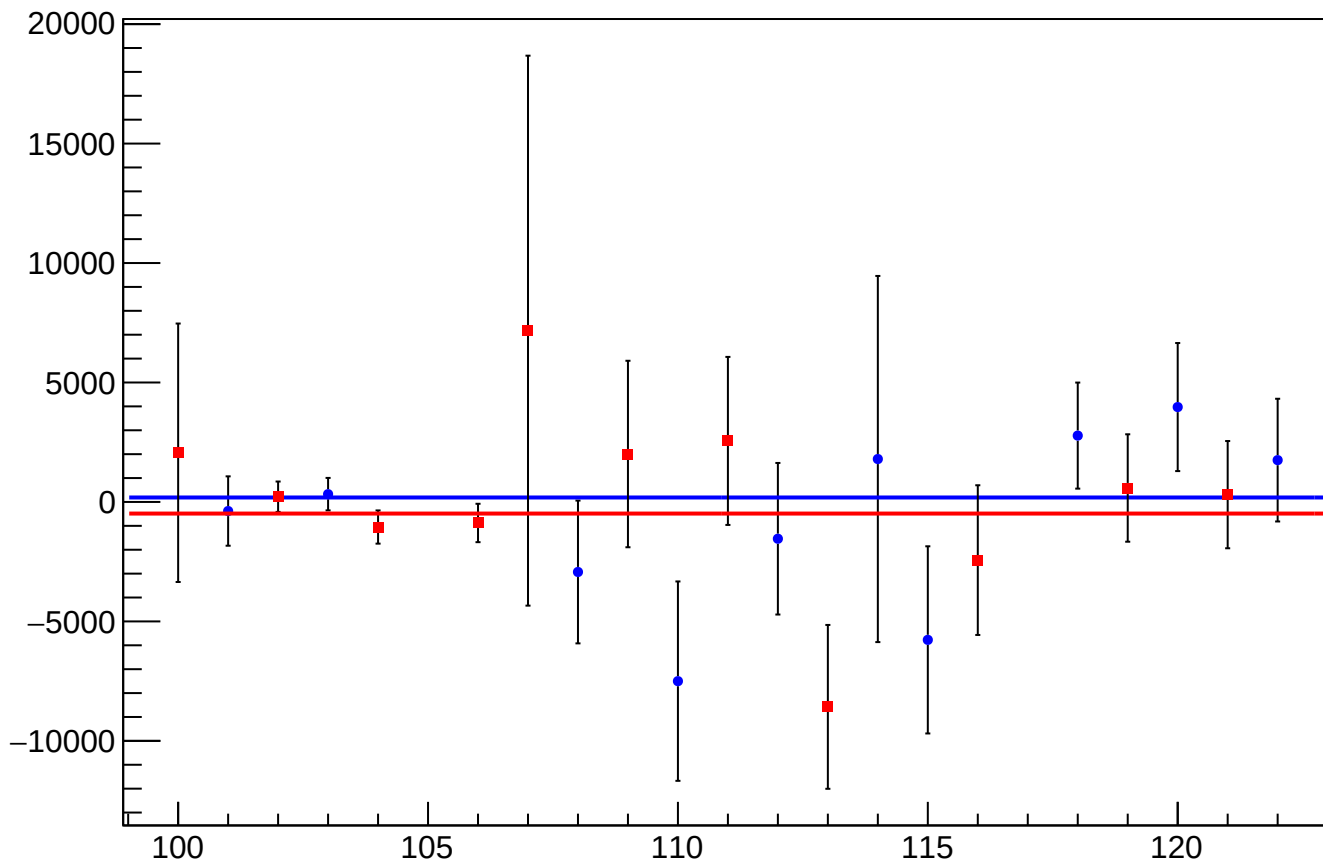
Right: 2471.527+/-0.612 χ^2/NDF : 636275.0/20

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

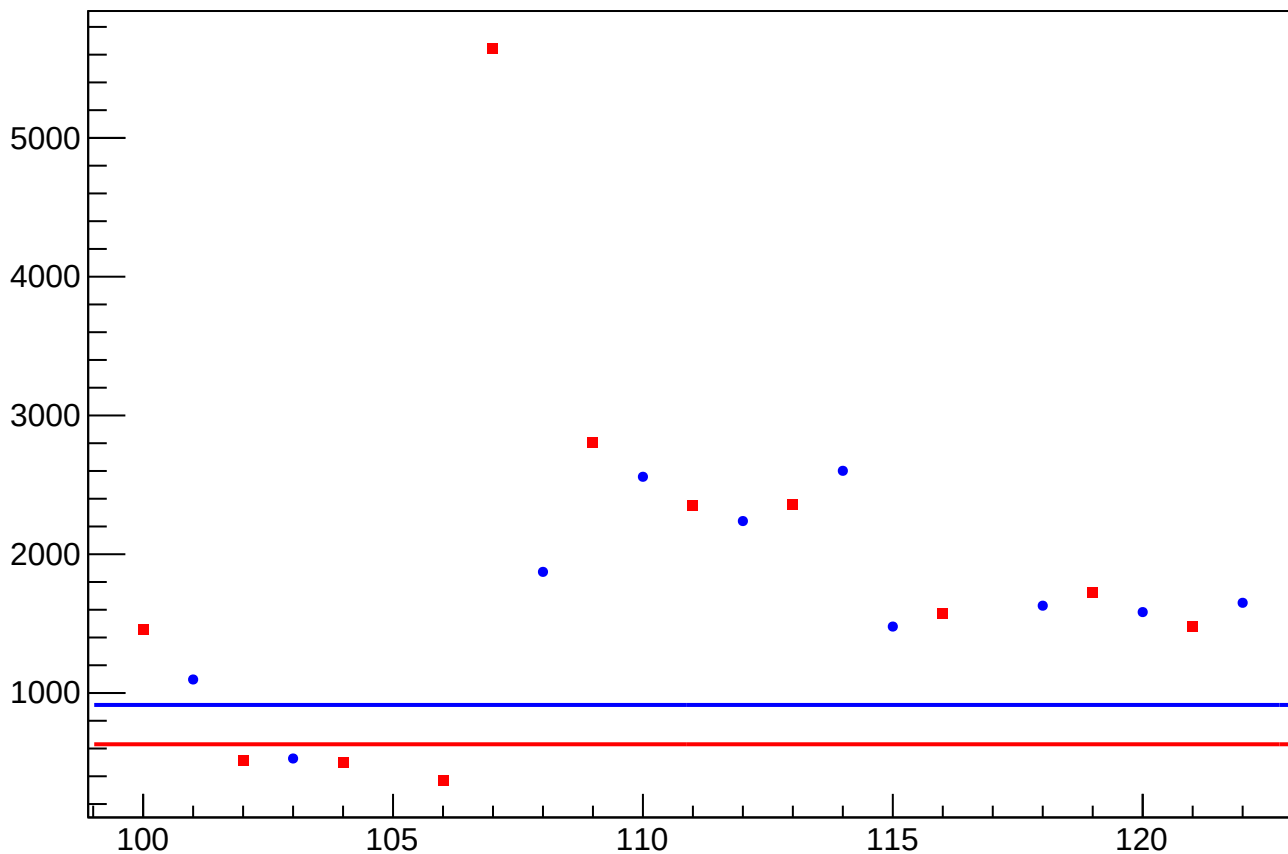
Right: -259.289+/-310.848 χ^2/NDF : 22.4/20

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

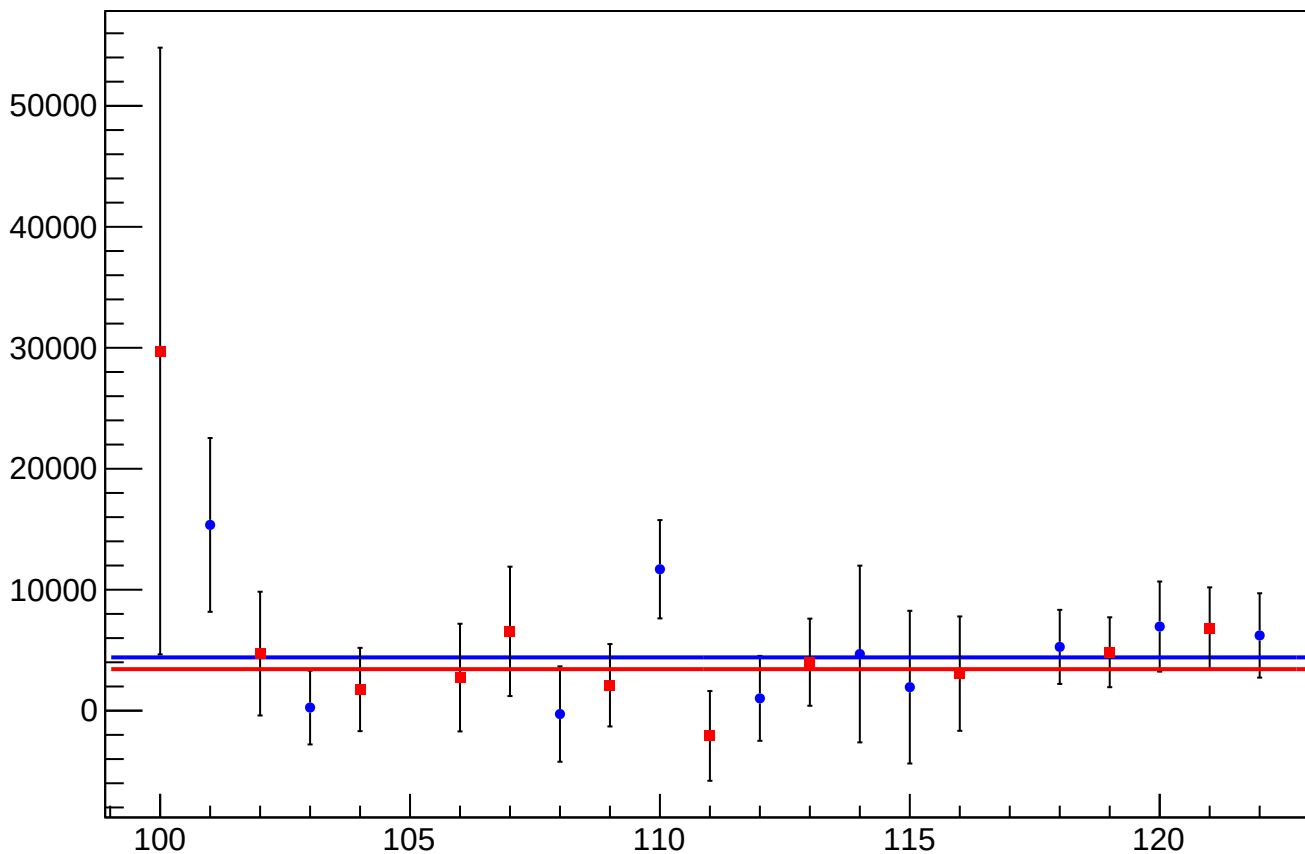
Right: 726.078+/-0.220 χ^2/NDF : 5876551.5/20

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

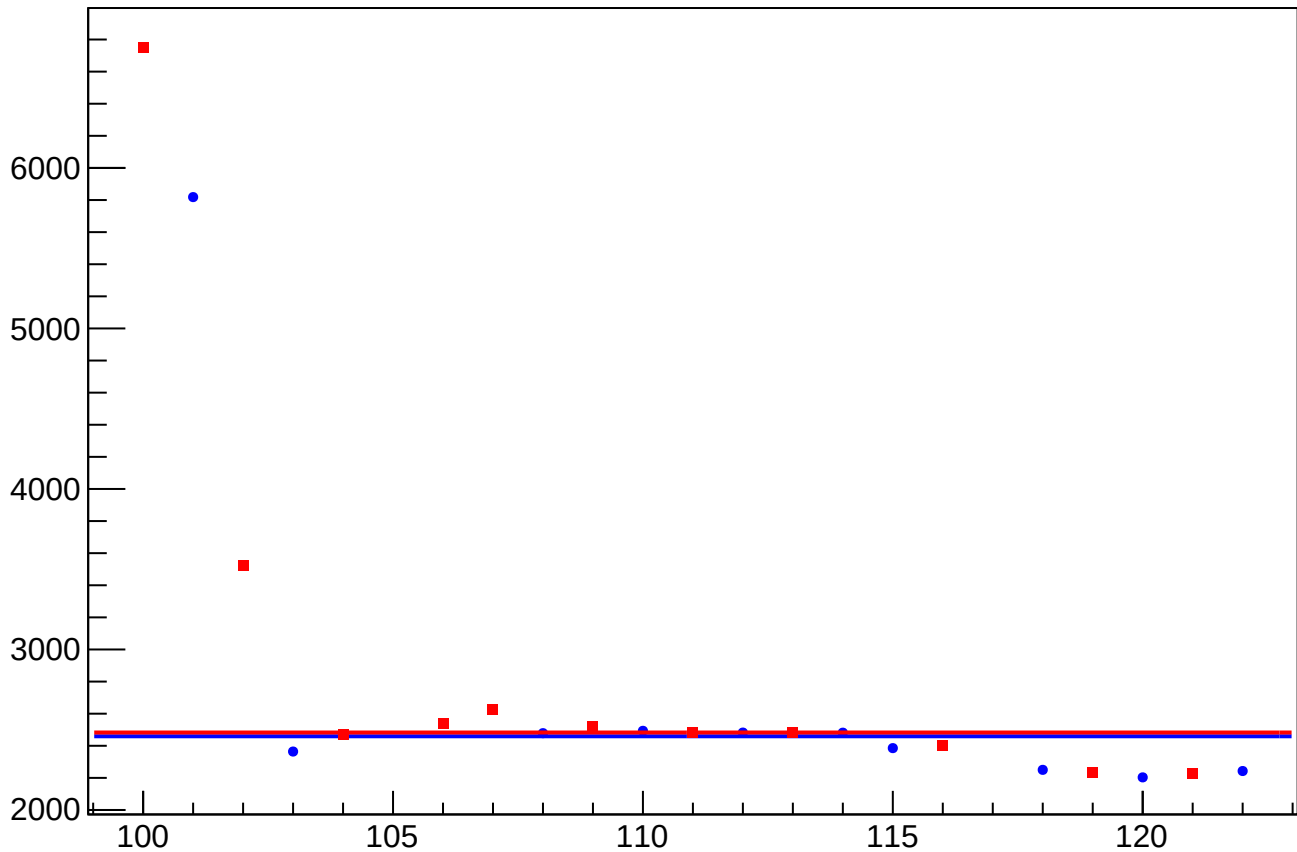
Right: 3898.524+/-865.135 χ^2/NDF : 16.4/20

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

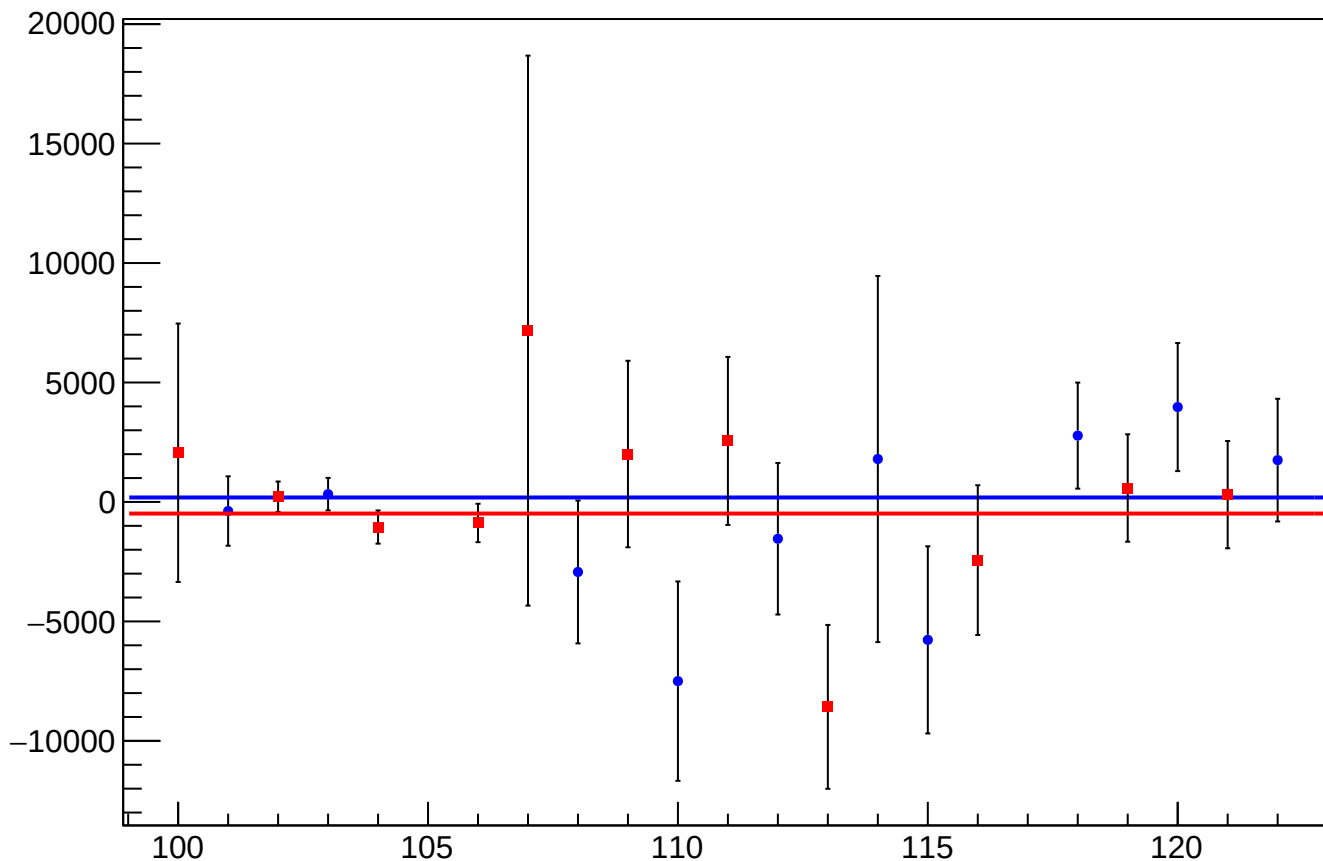
Right: 2471.526+/-0.612 χ^2/NDF : 636274.5/20

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

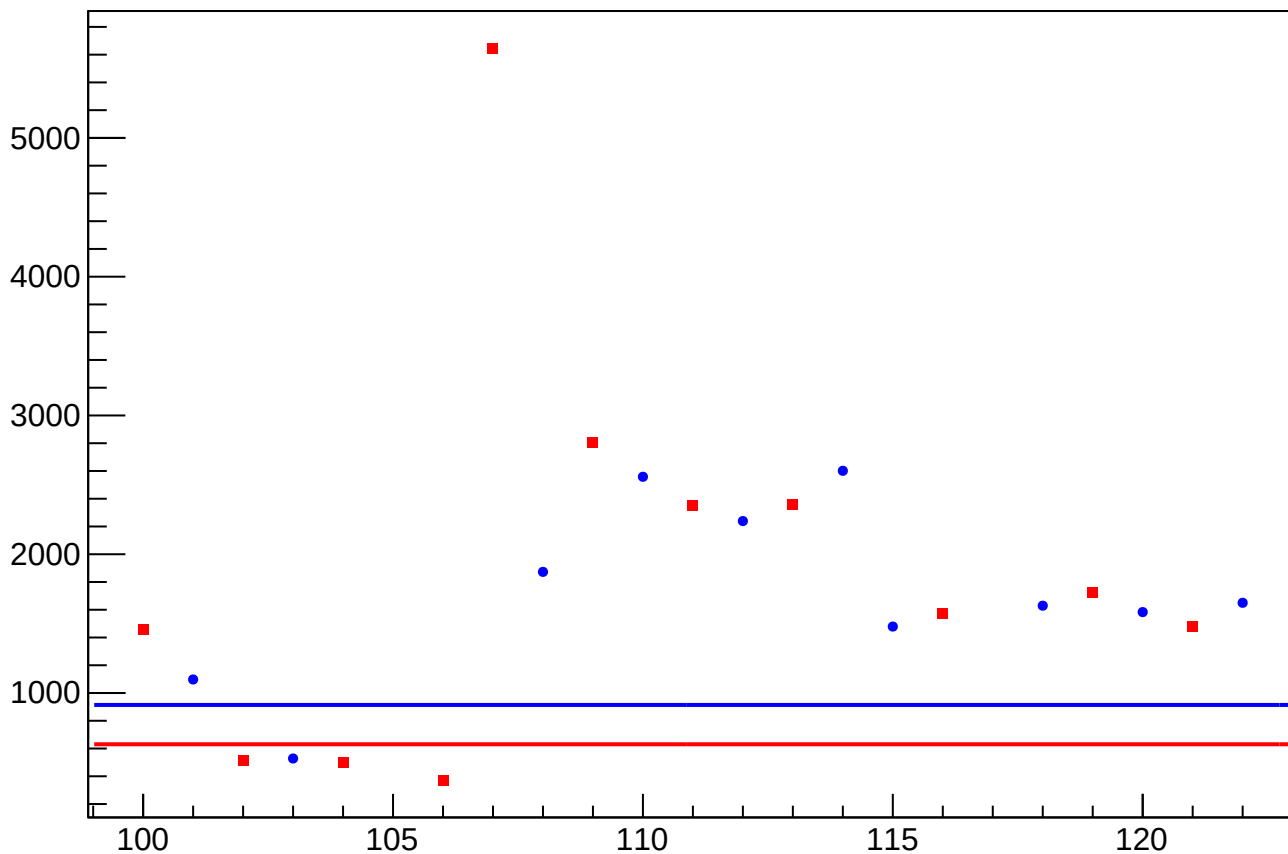
Right: -259.292+/-310.851 χ^2/NDF : 22.4/20

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

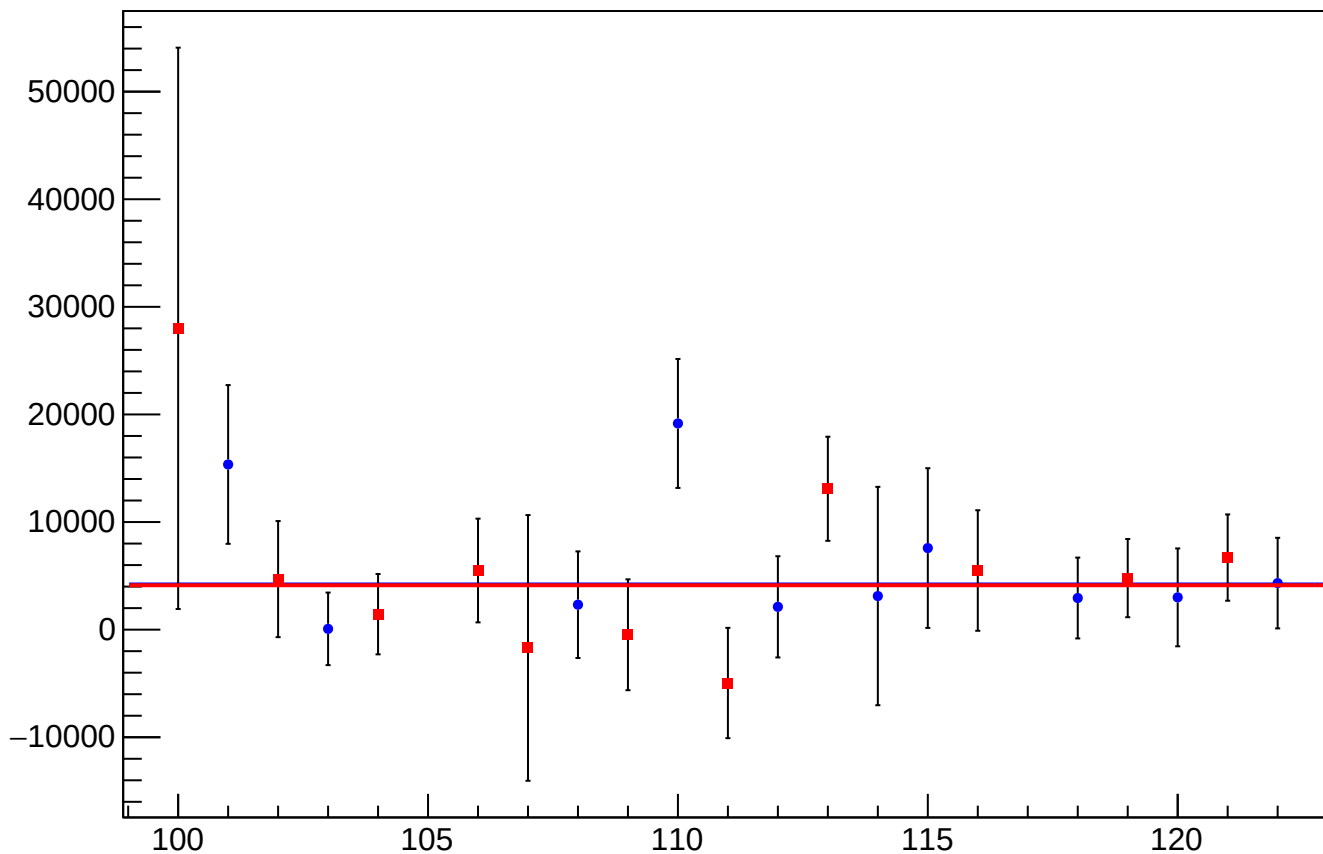
Right: 726.091+/-0.220 χ^2/NDF : 5876431.2/20

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

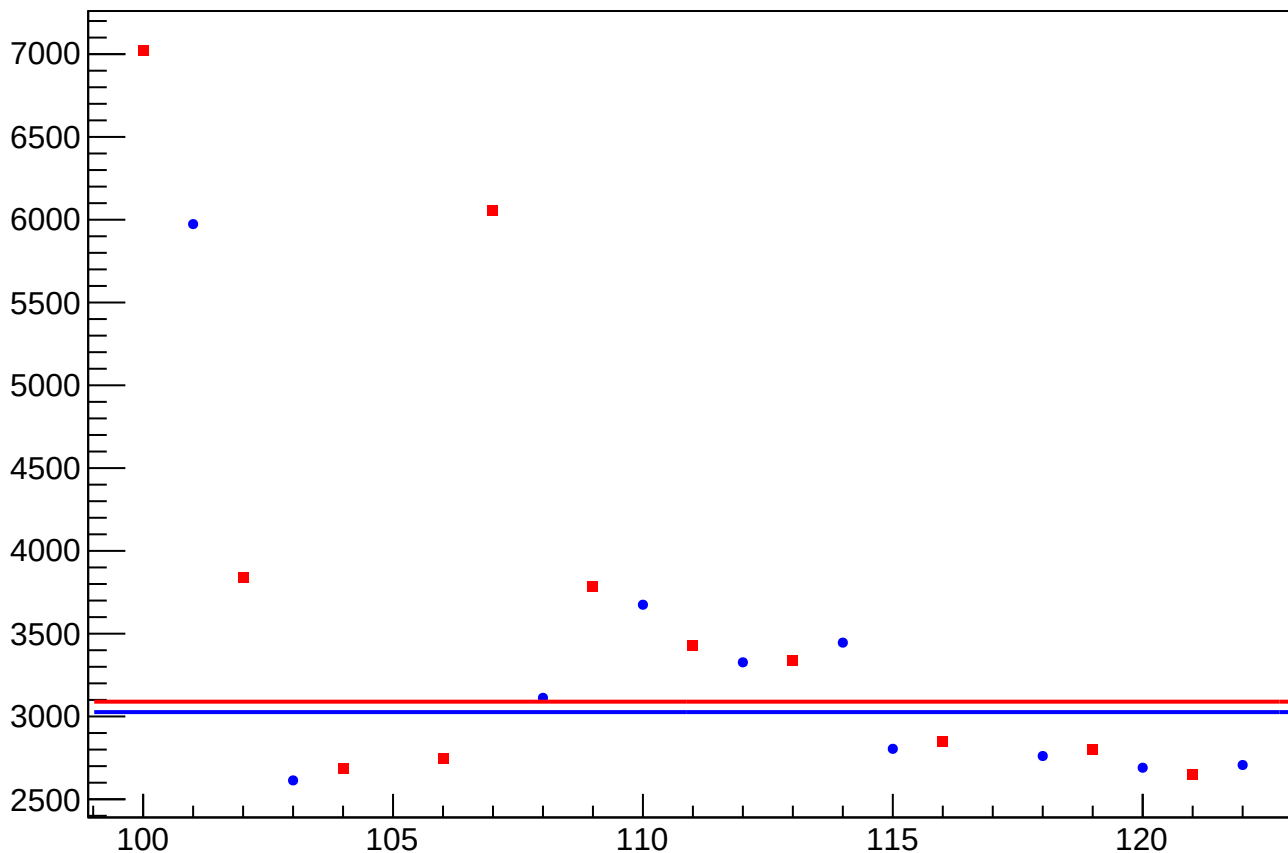
Right: 4160.863+/-1072.651 χ^2/NDF : 20.3/20

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

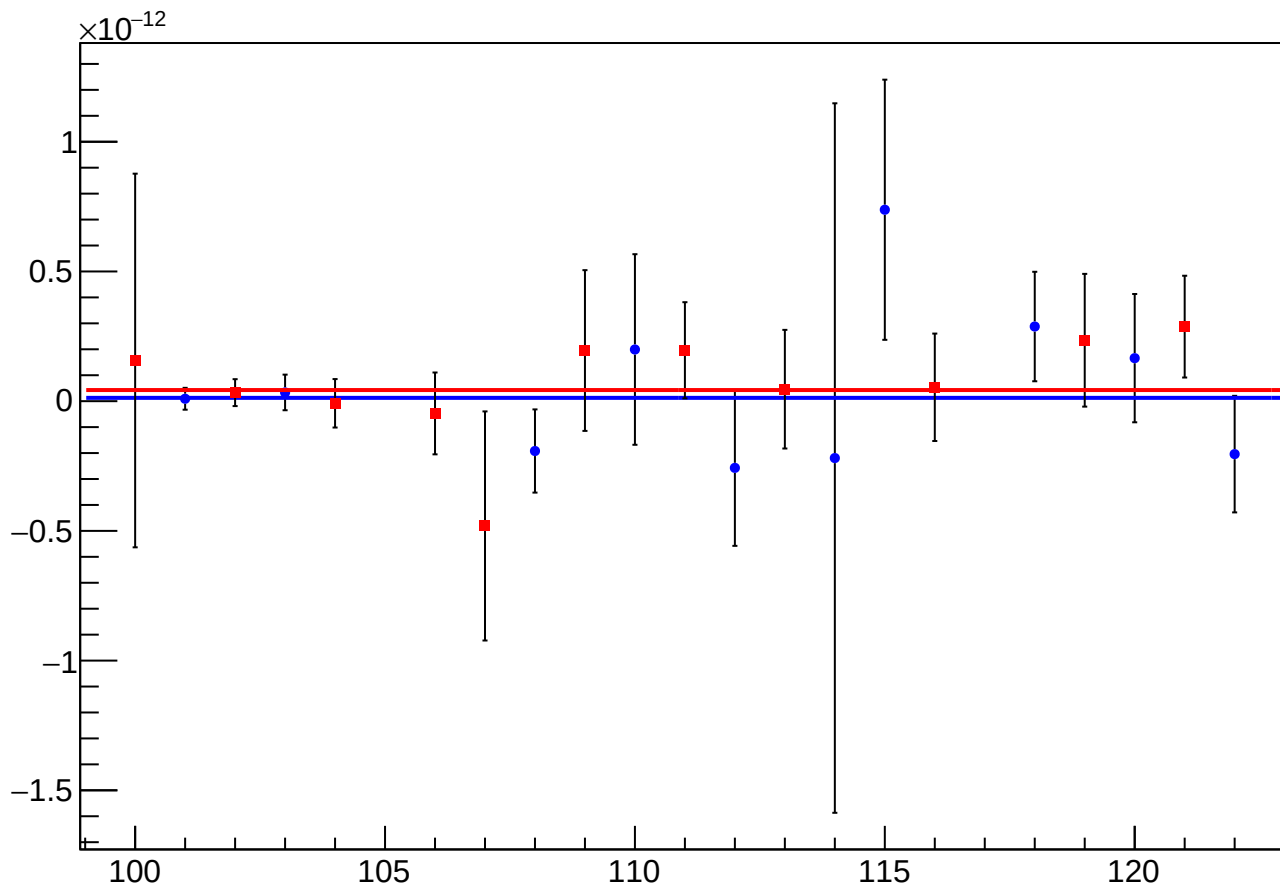
Right: 3058.656+/-0.758 χ^2/NDF : 744030.8/20

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

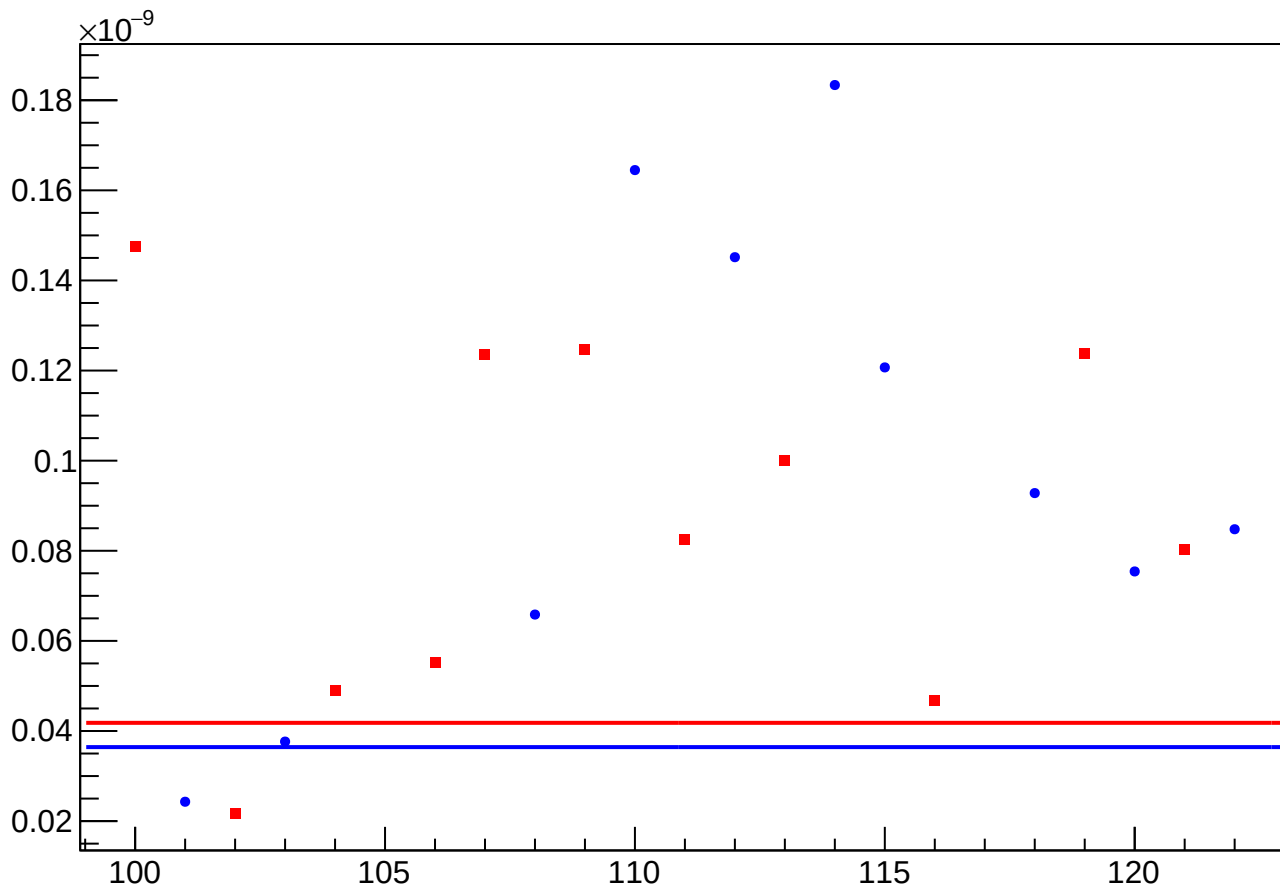
asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

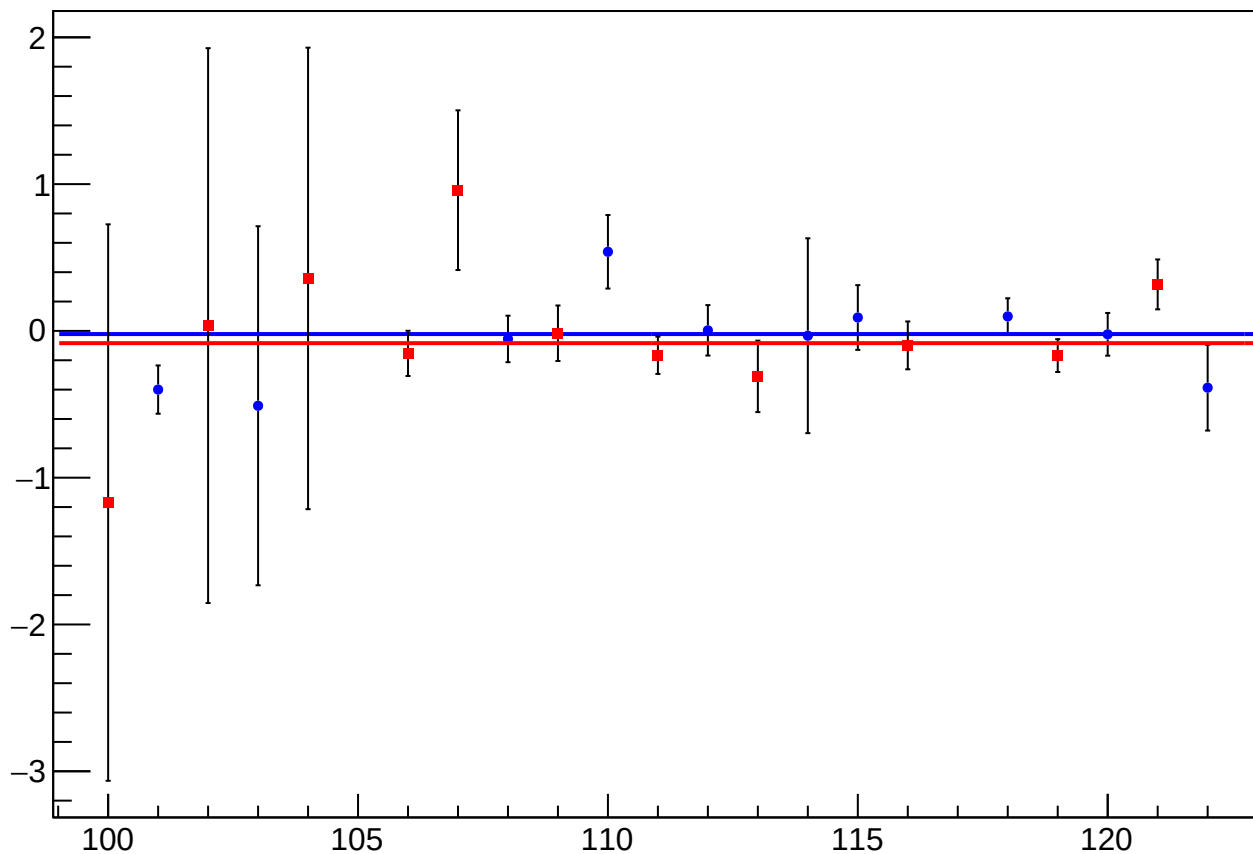
Right: 0.000+/-0.000 χ^2/NDF : 2217512.7/20

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

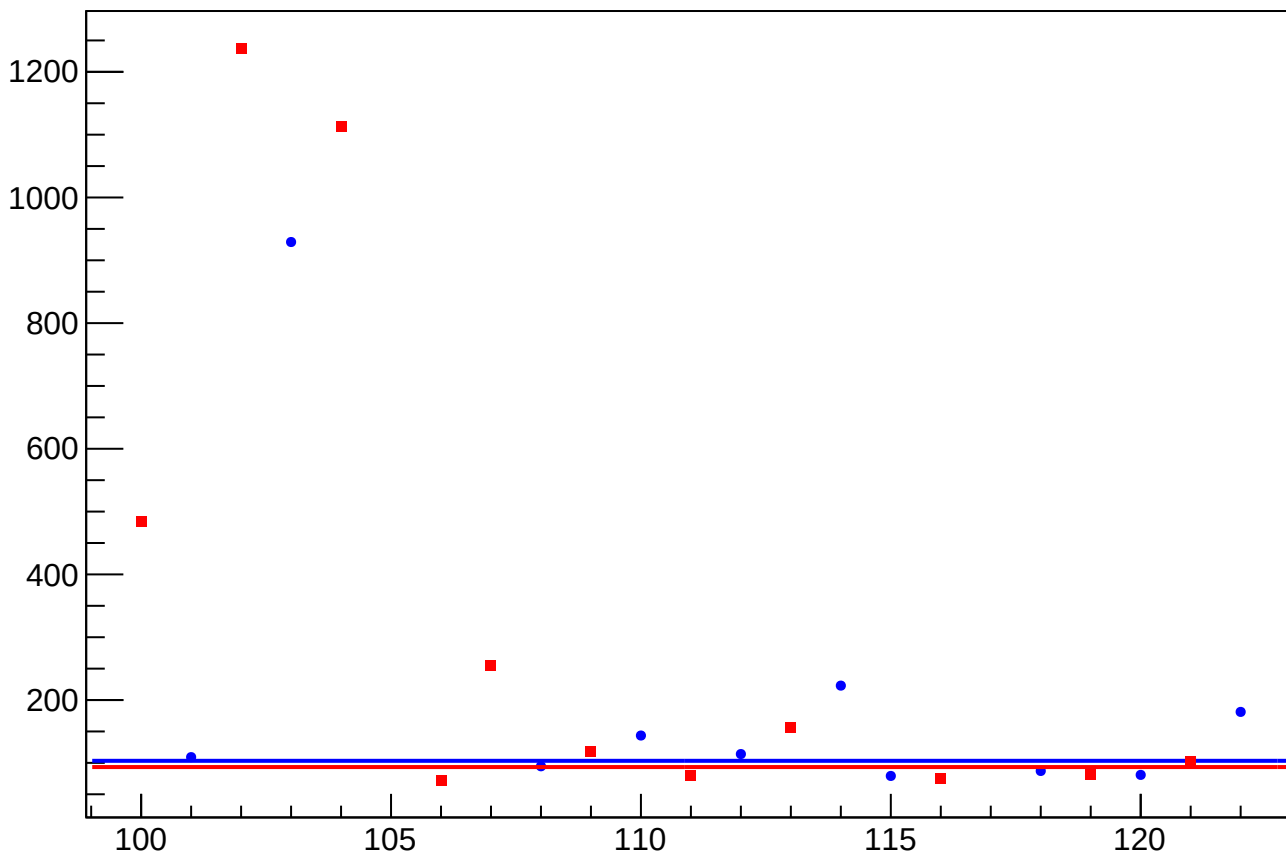
Right: -0.054 ± 0.042 χ^2/NDF : 25.7/20

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

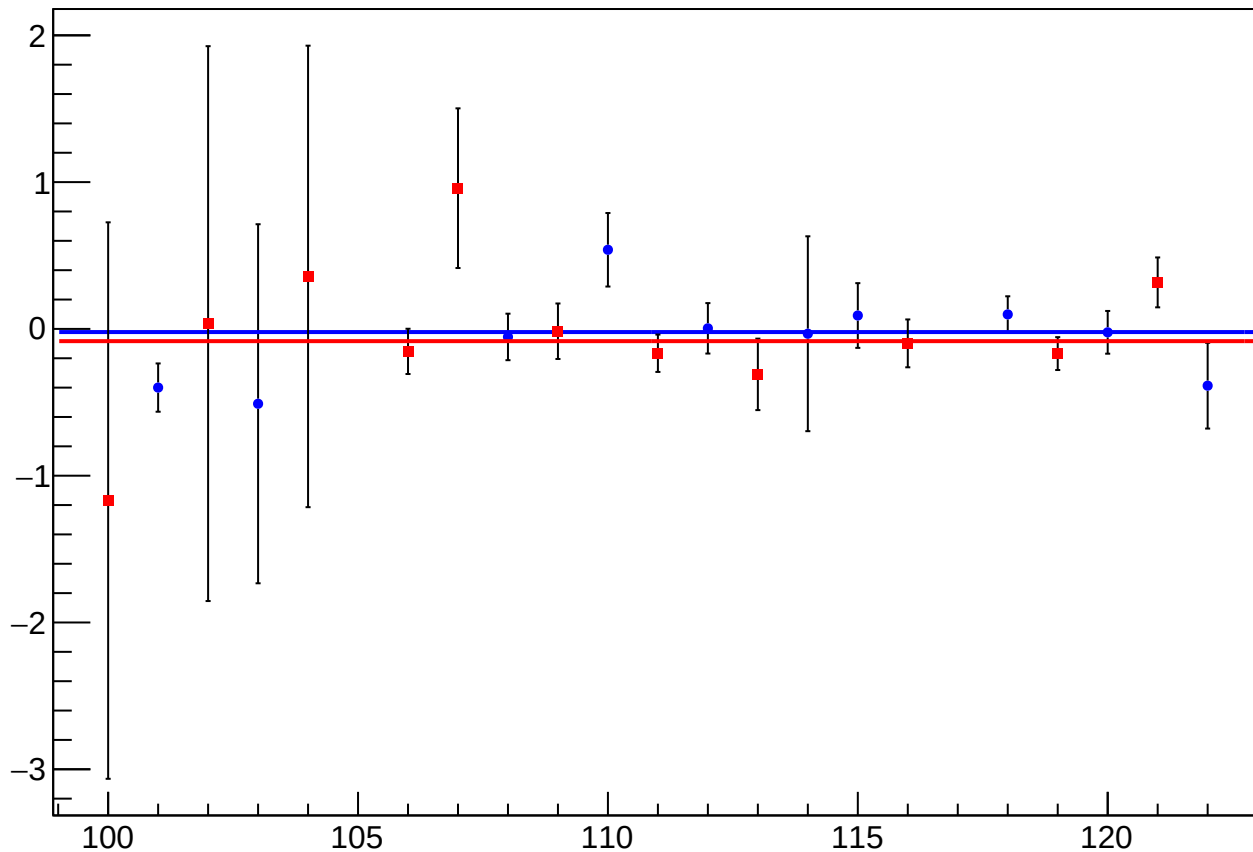
Right: 98.033+/-0.029 χ^2/NDF : 3445664.4/20

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

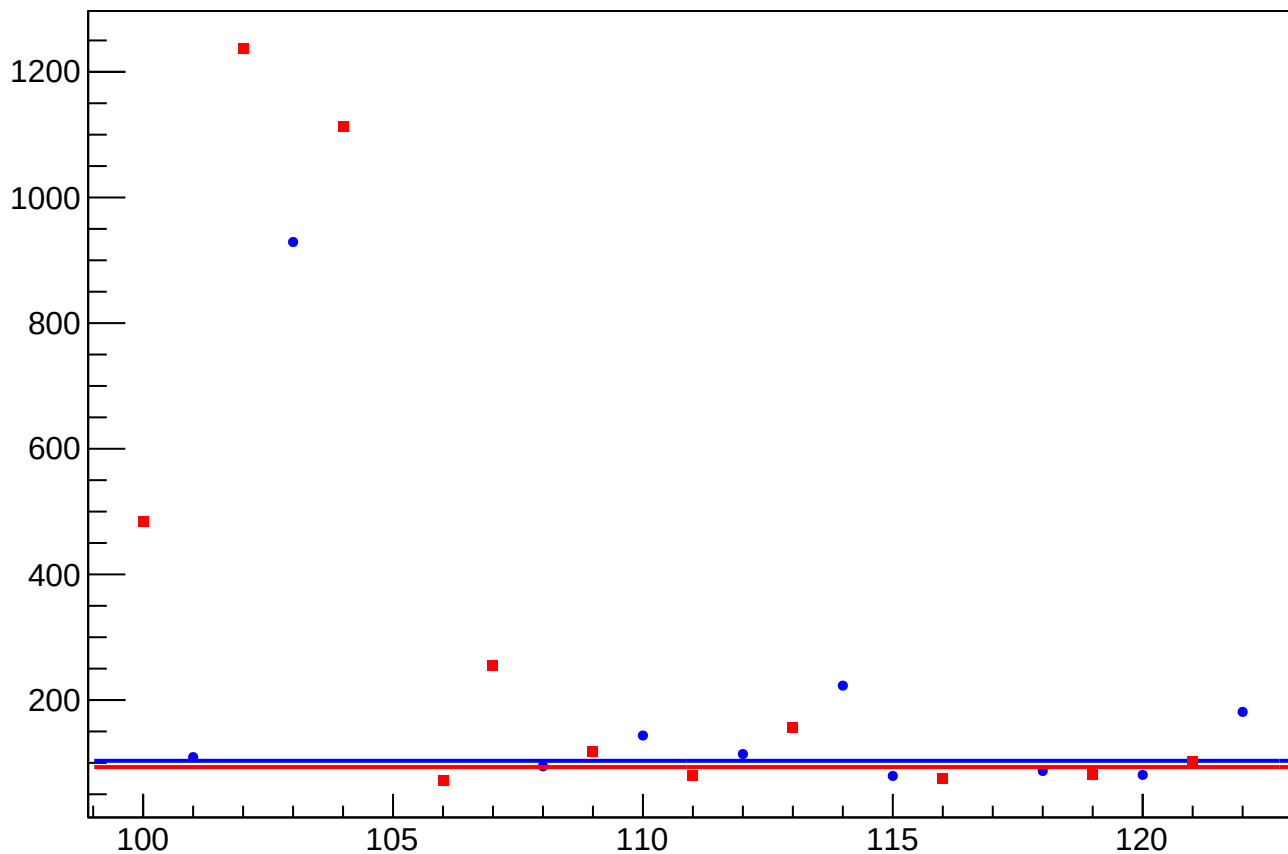
Right: -0.054 ± 0.042 χ^2/NDF : 25.7/20

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

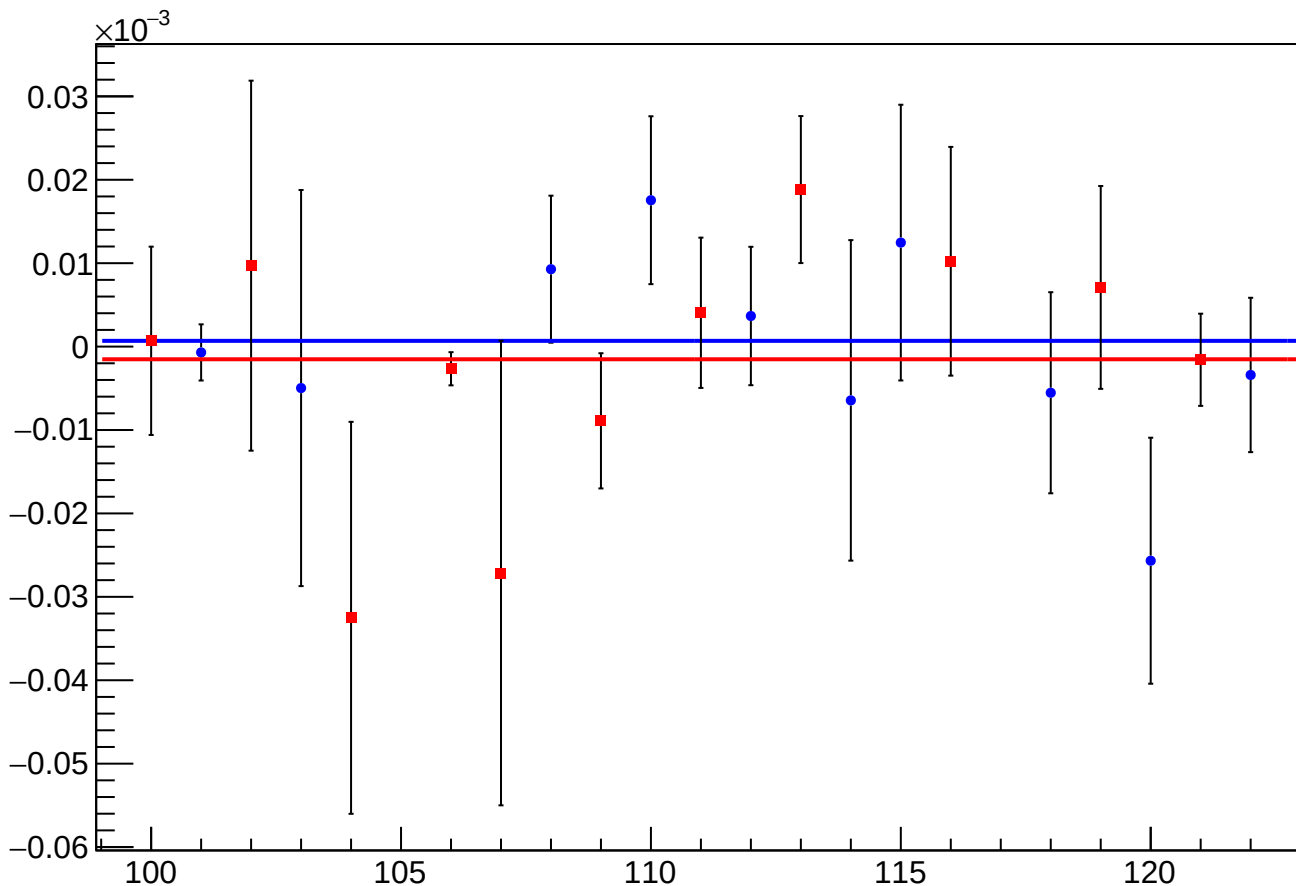
Right: 98.033 $\pm$ 0.029 χ^2 /NDF: 3445664.4/20

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

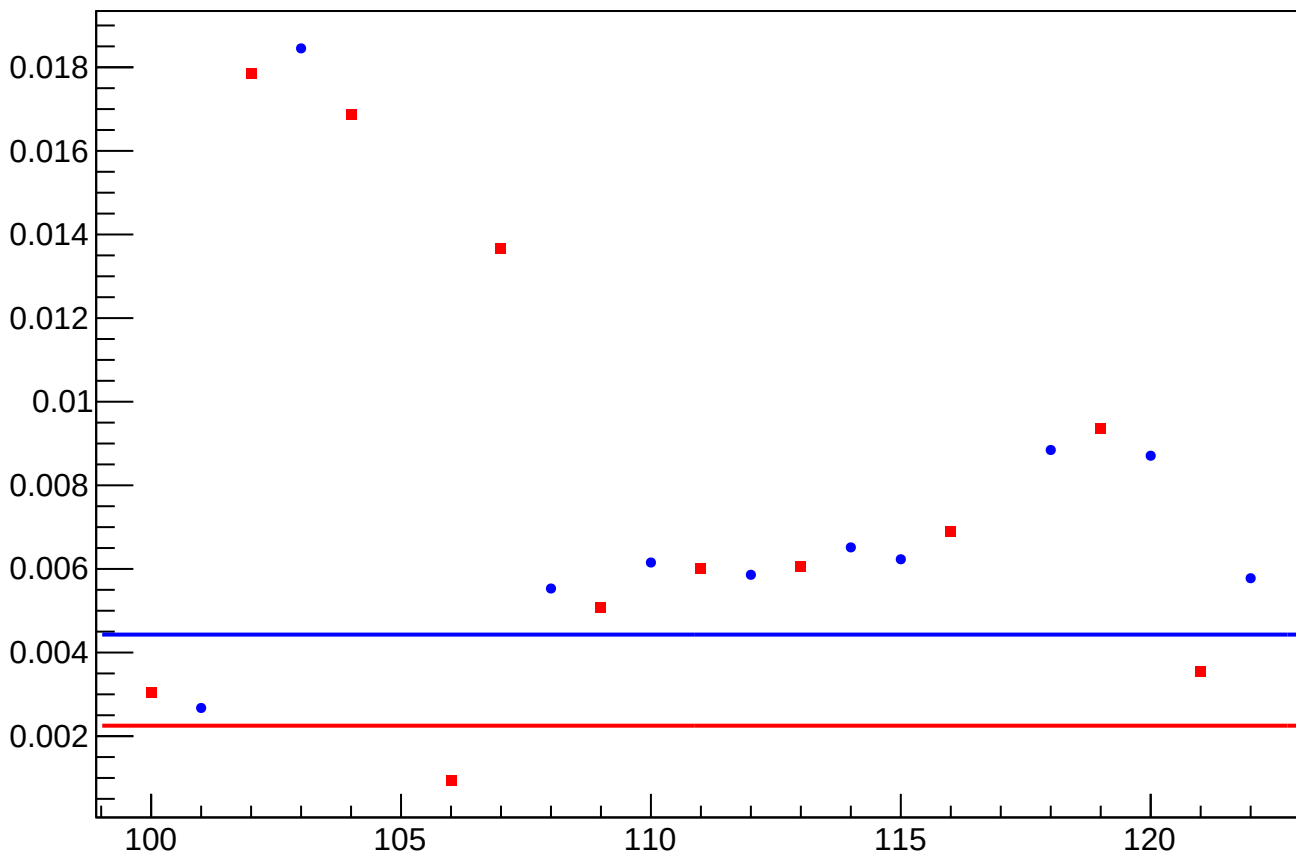
asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

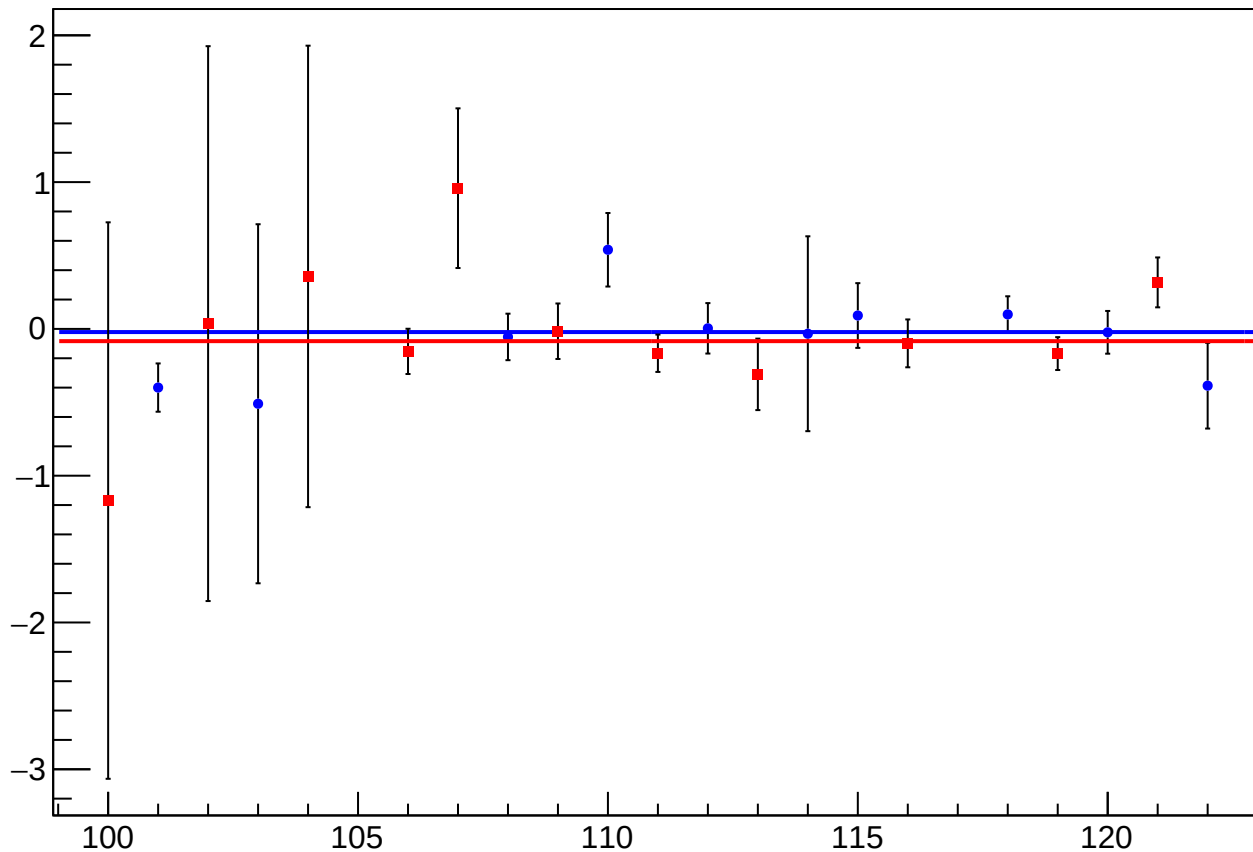
Right: 0.003+/-0.000 χ^2/NDF : 7931645.7/20

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

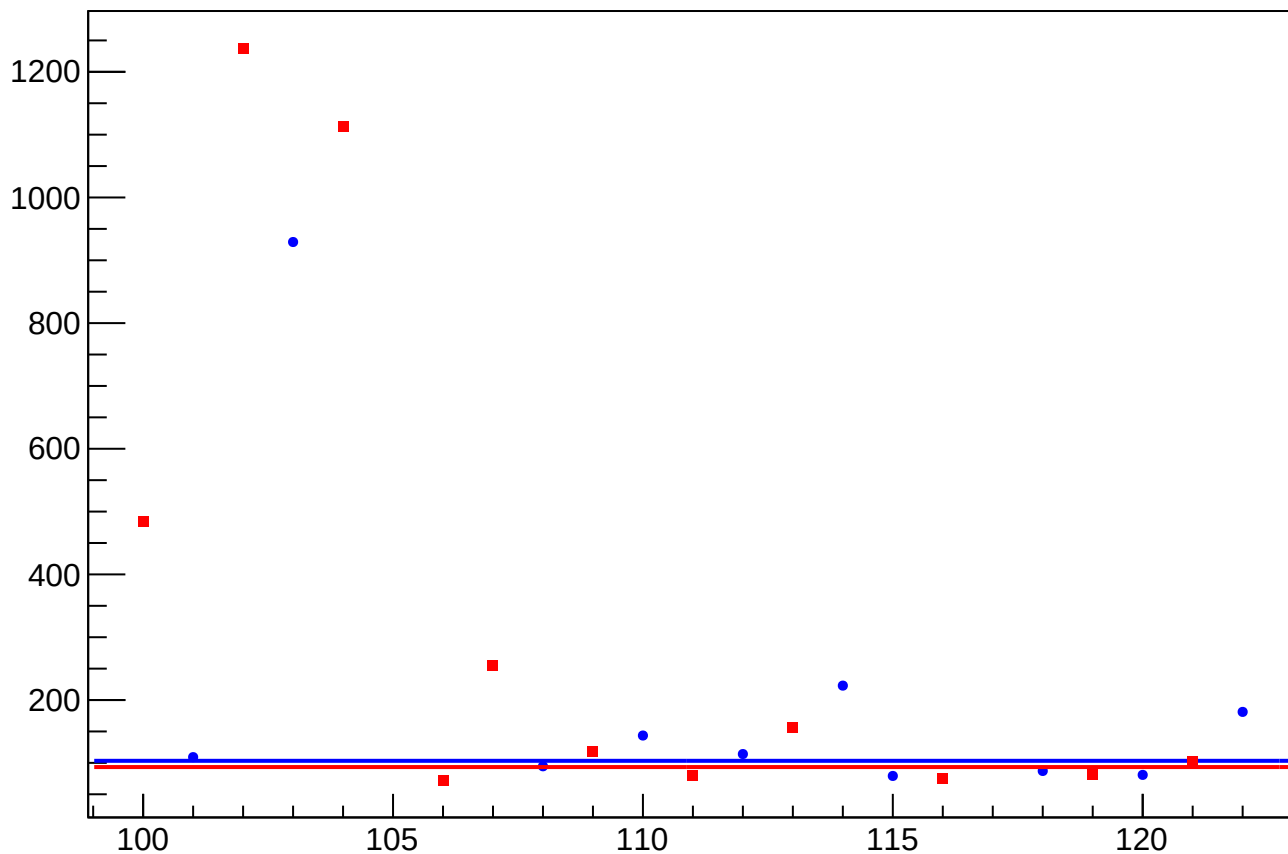
Right: -0.054 ± 0.042 χ^2/NDF : 25.7/20

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

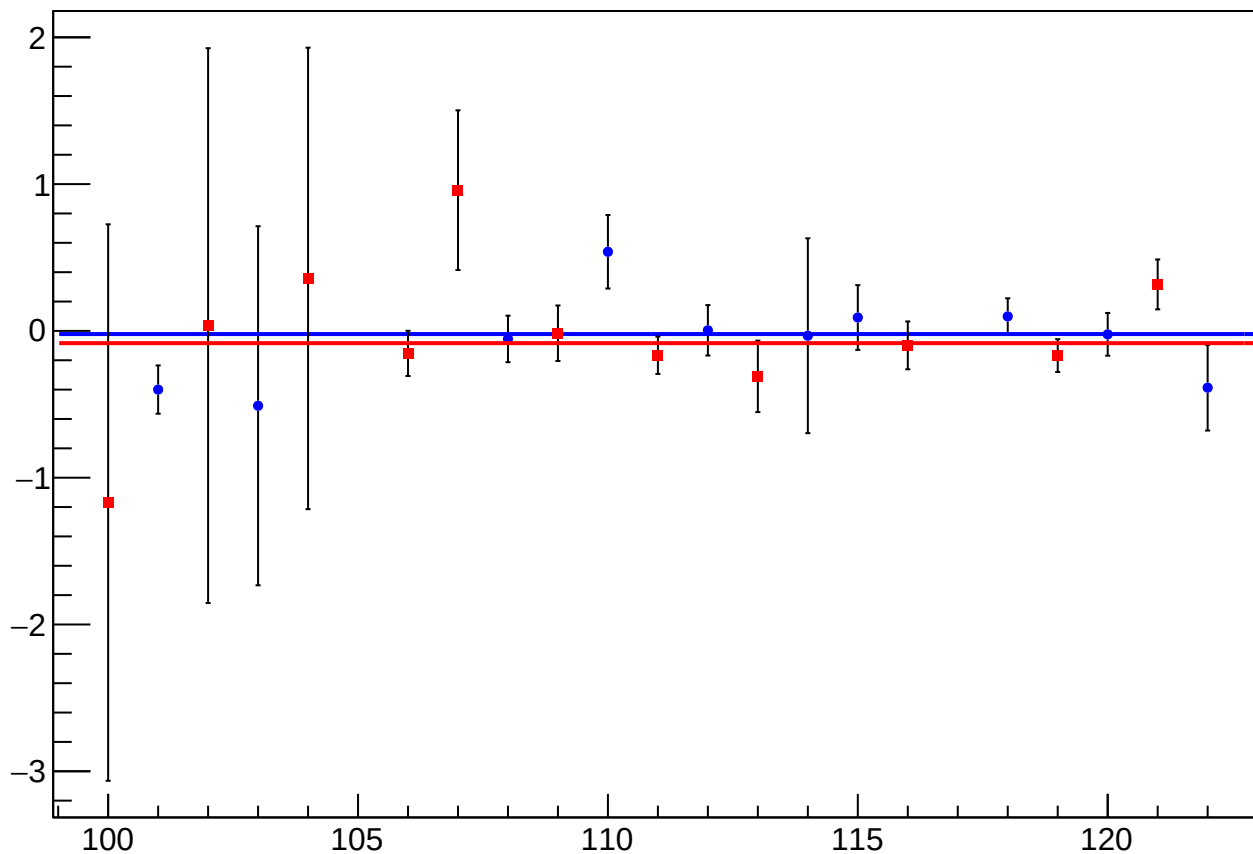
Right: 98.032+/-0.029 χ^2/NDF : 3445673.9/20

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

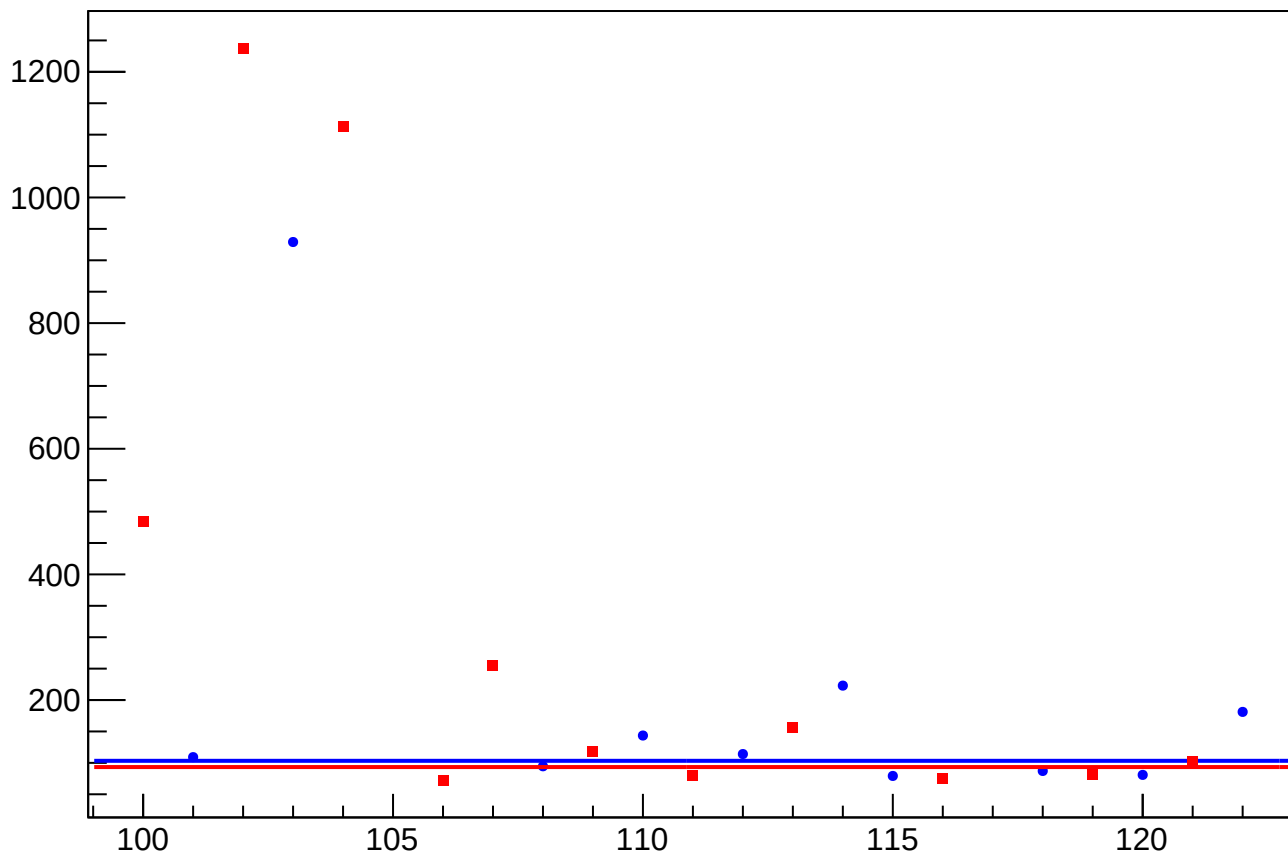
Right: -0.054 ± 0.042 χ^2/NDF : 25.7/20

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

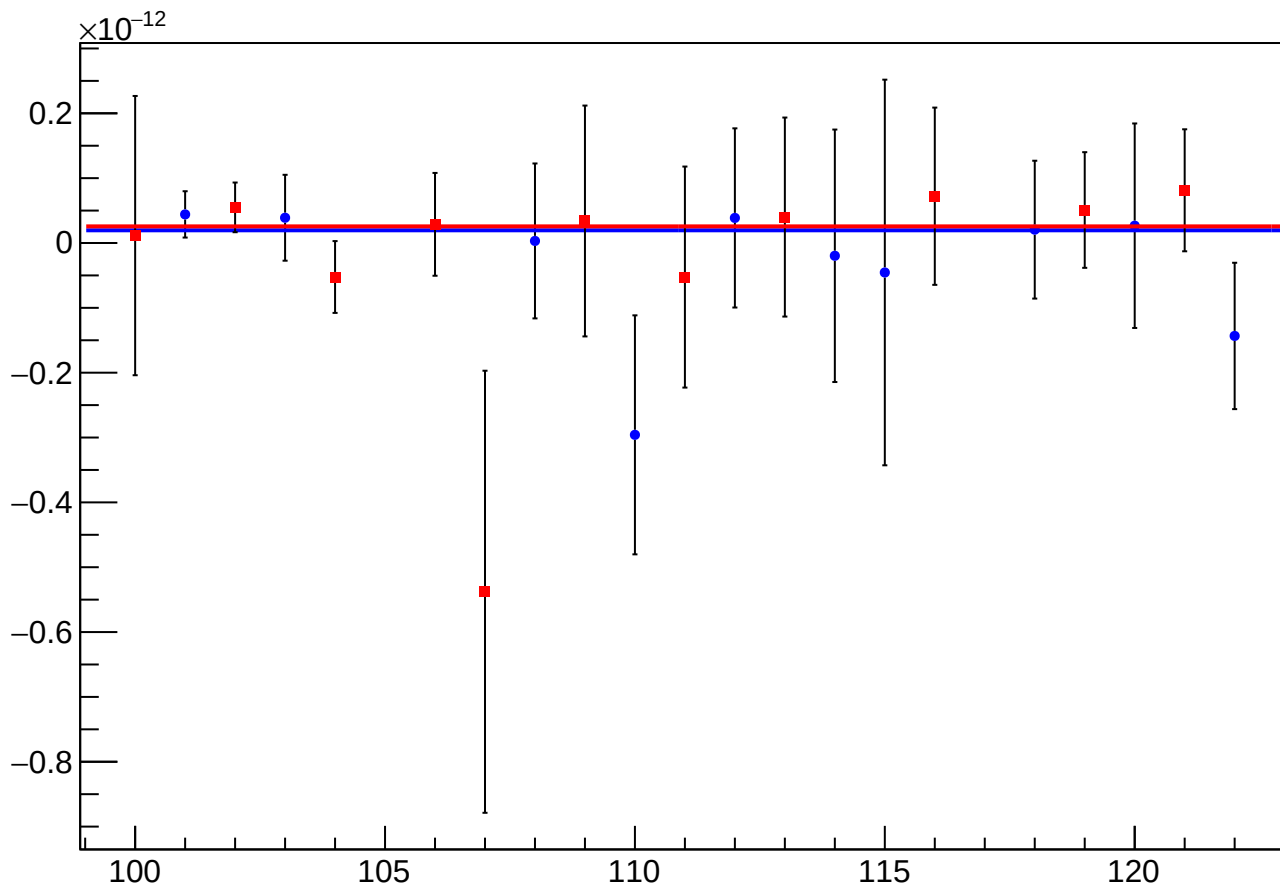
Right: 98.032+/-0.029 χ^2/NDF : 3445673.9/20

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

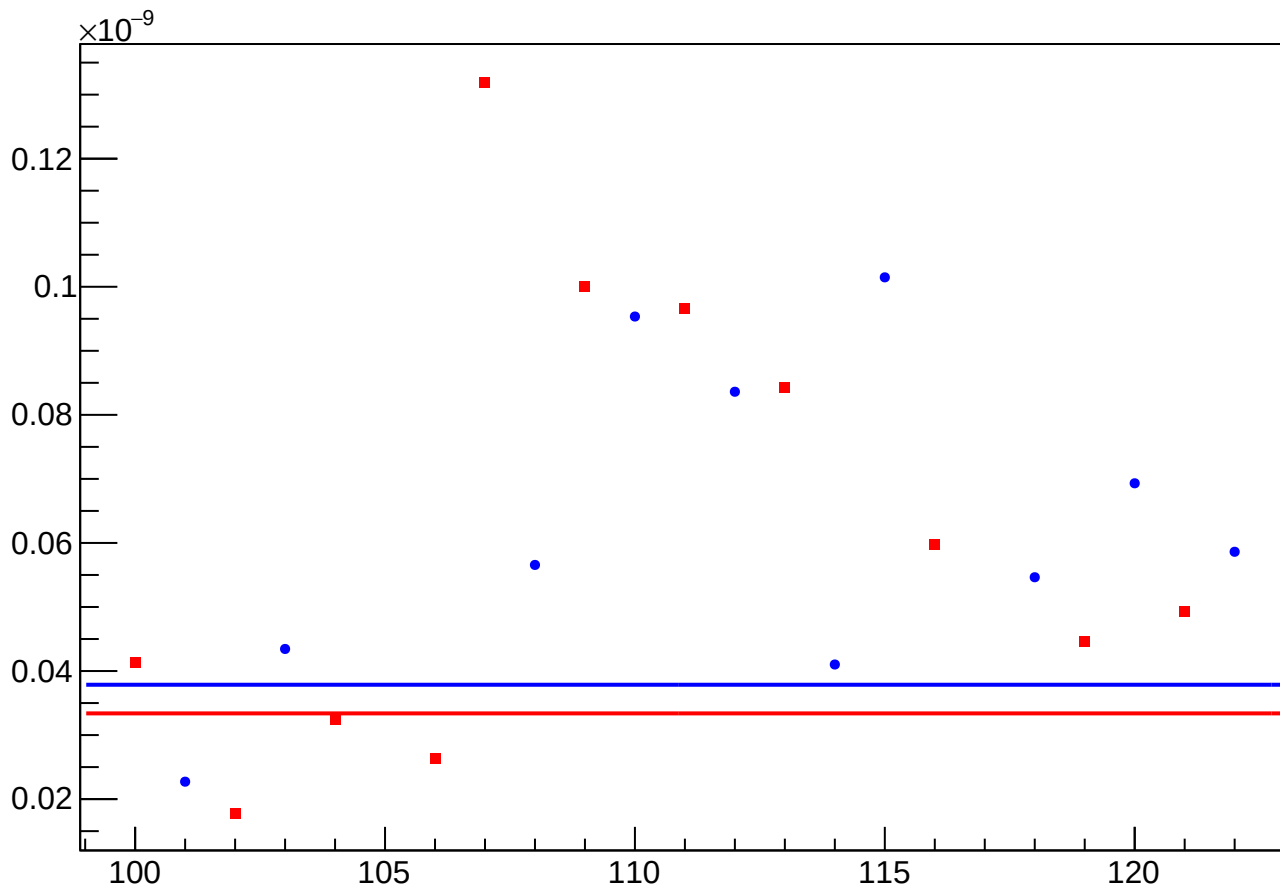
Right: 0.000+/-0.000 χ^2/NDF : 11.8/20

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

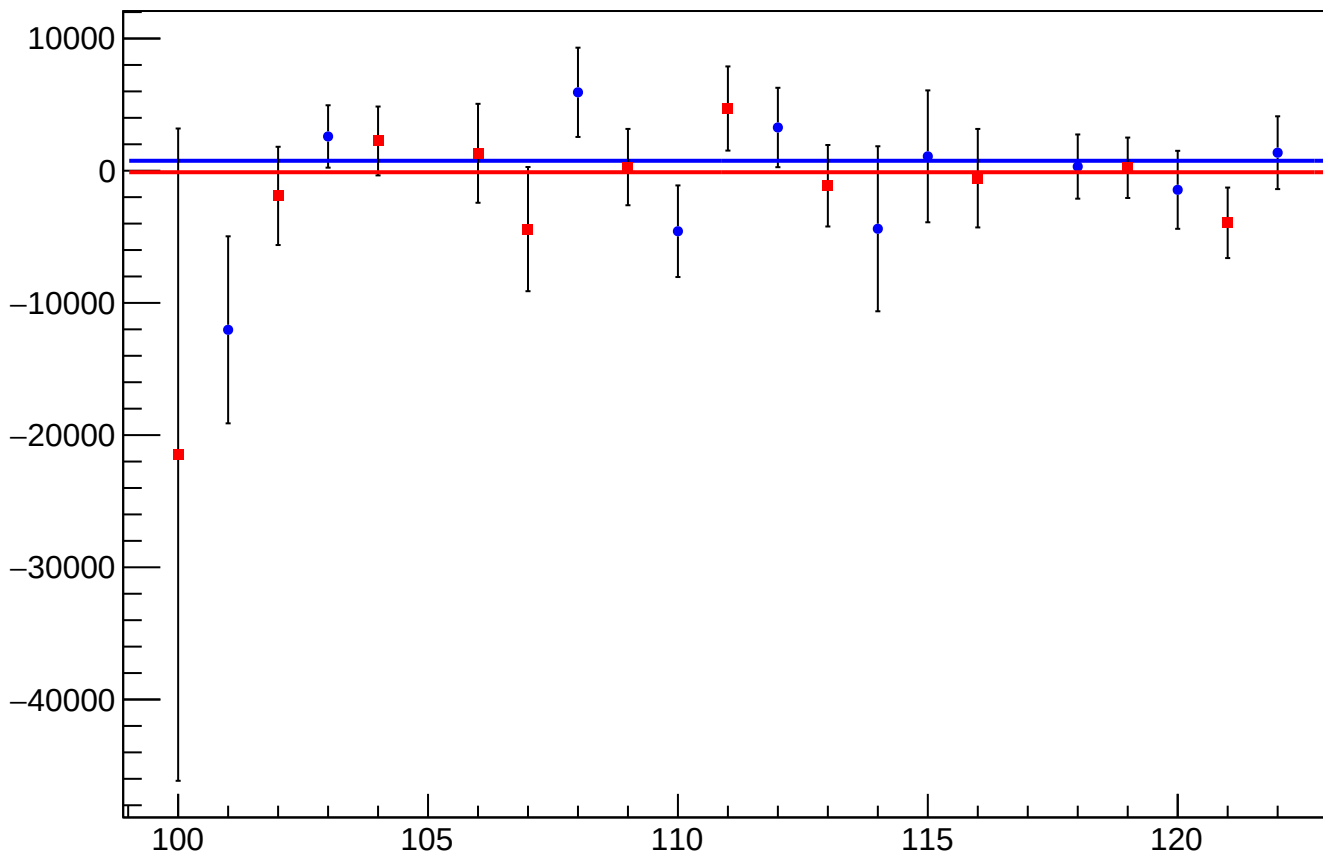
Right: 0.000+/-0.000 χ^2/NDF : 2613786.2/20

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

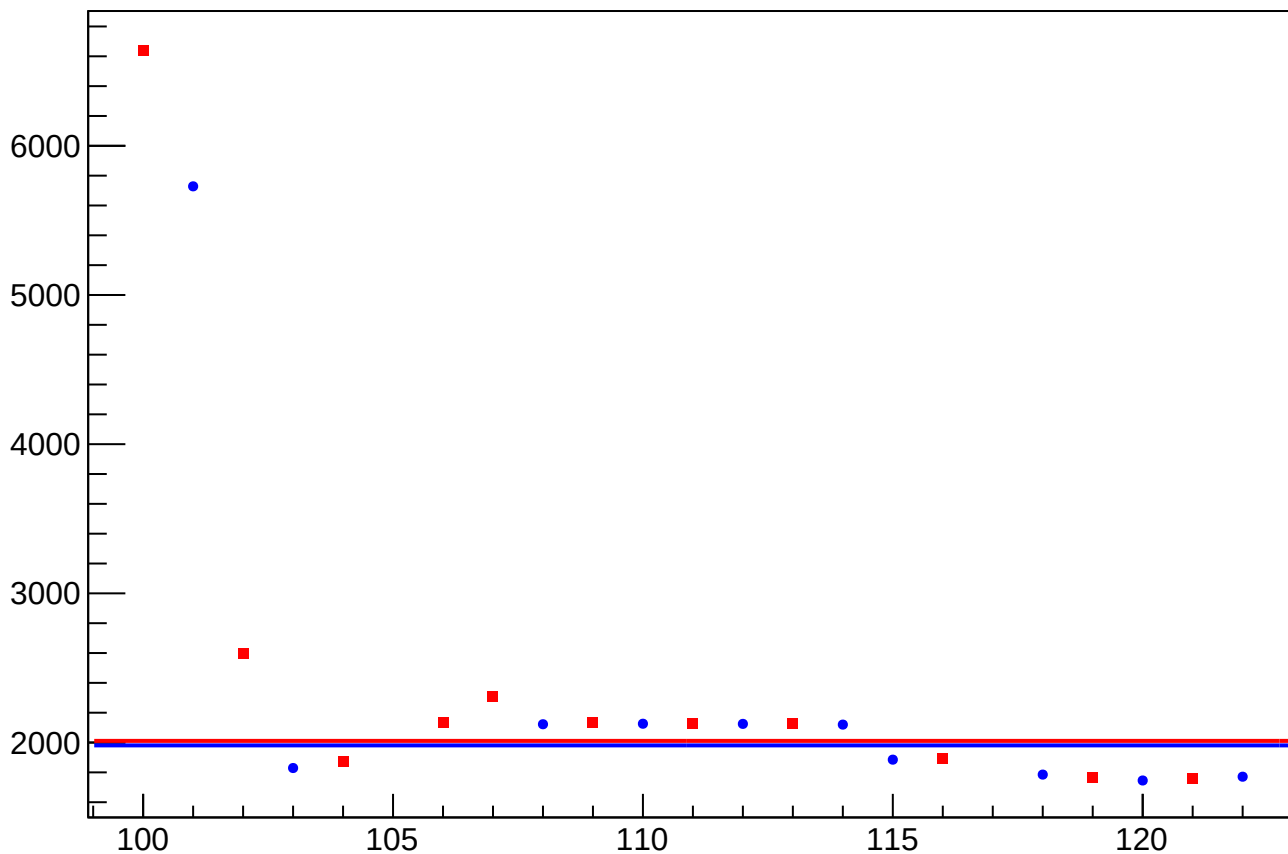
Right: 296.792+/-701.874 χ^2/NDF : 18.3/20

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

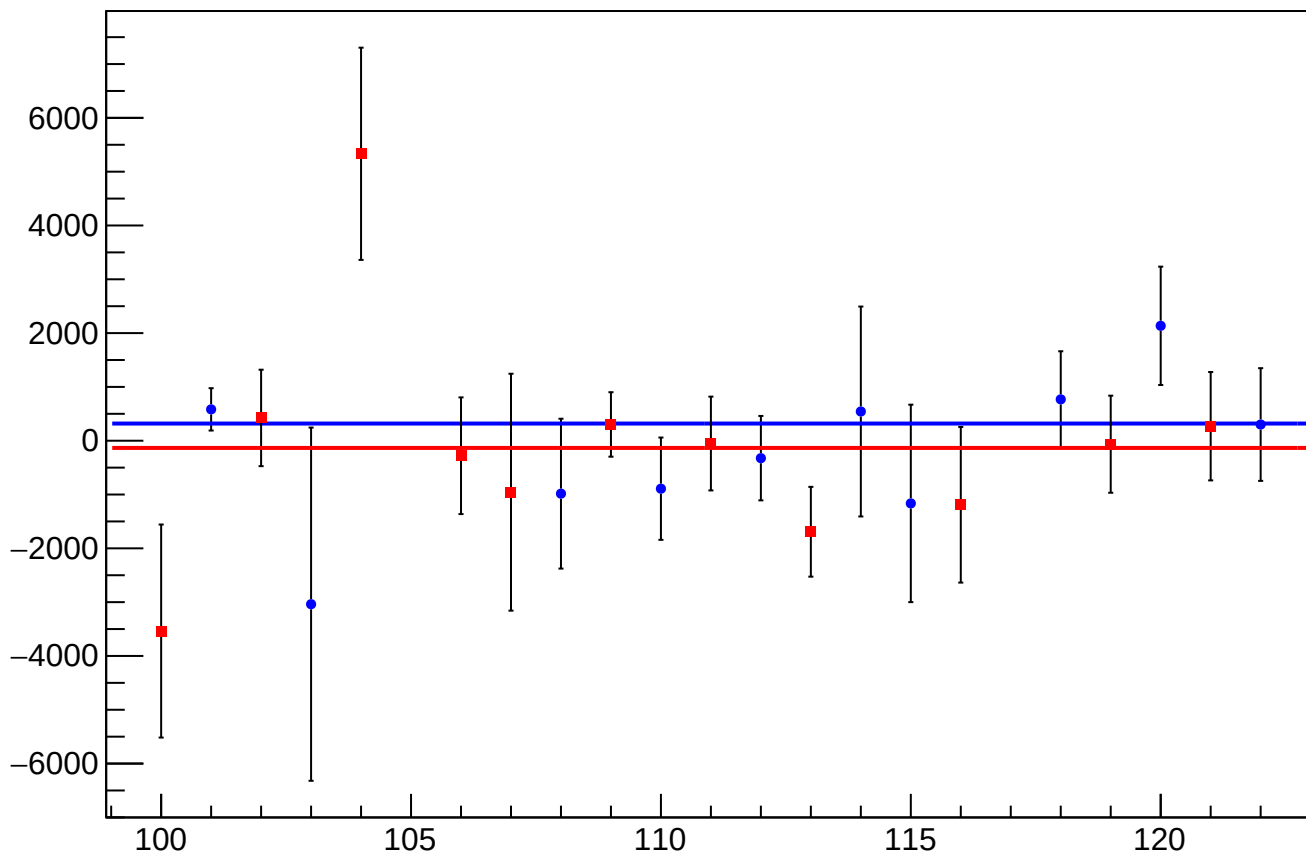
Right: 1996.751+/-0.496 χ^2/NDF : 809055.6/20

In: 1980.885+/-0.720 χ^2/NDF : 620238.1/9

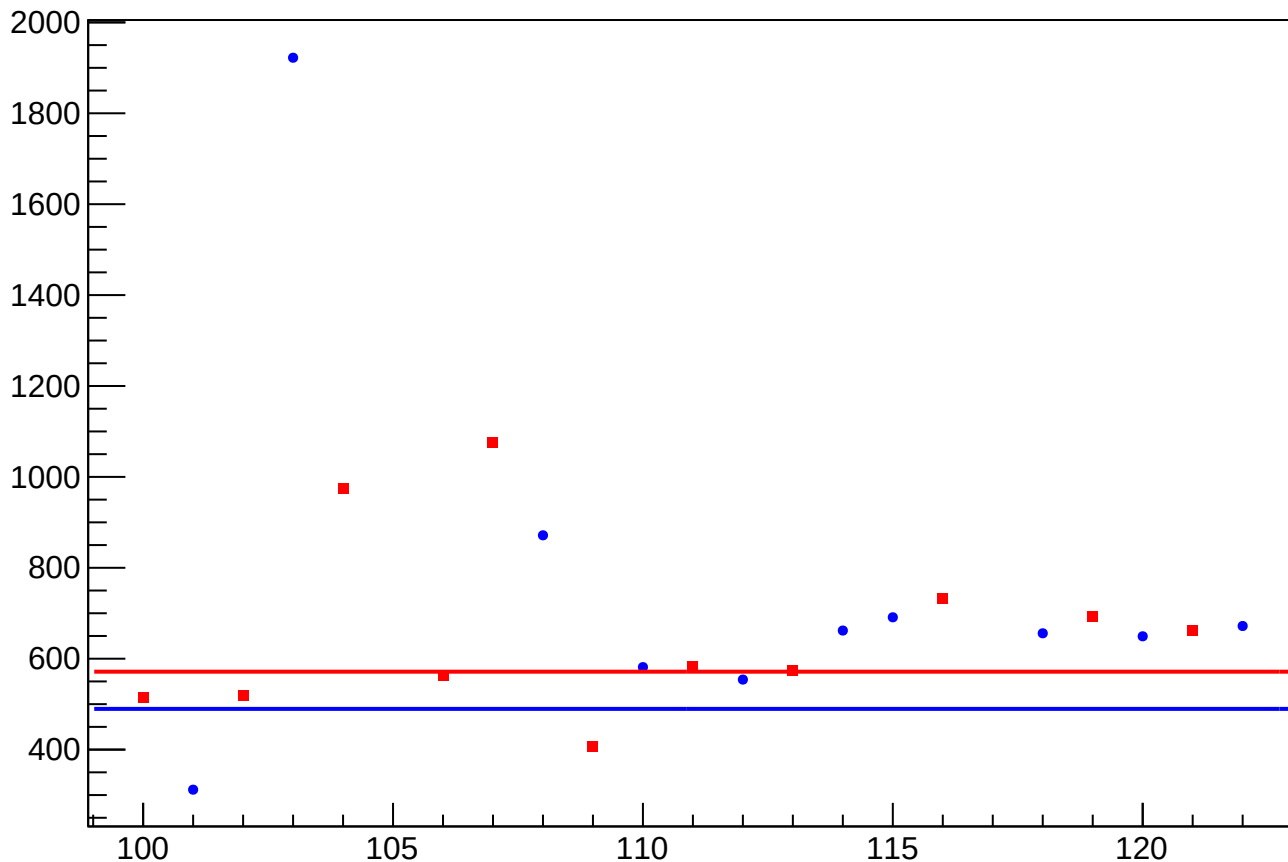
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1996.751+/-0.496 χ^2/NDF : 809055.6/20

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



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

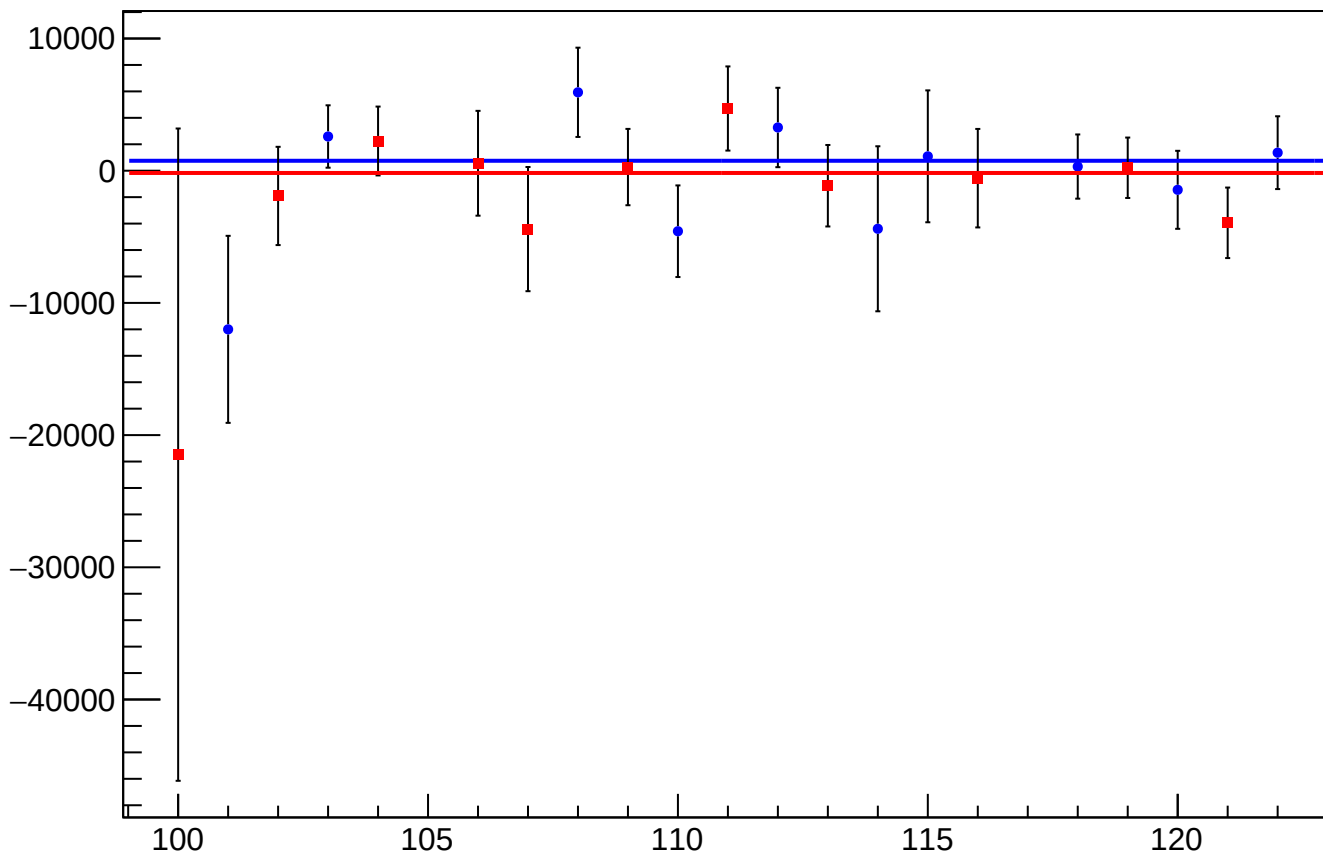
Right: 526.656+/-0.143 χ^2/NDF : 1689976.5/20

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

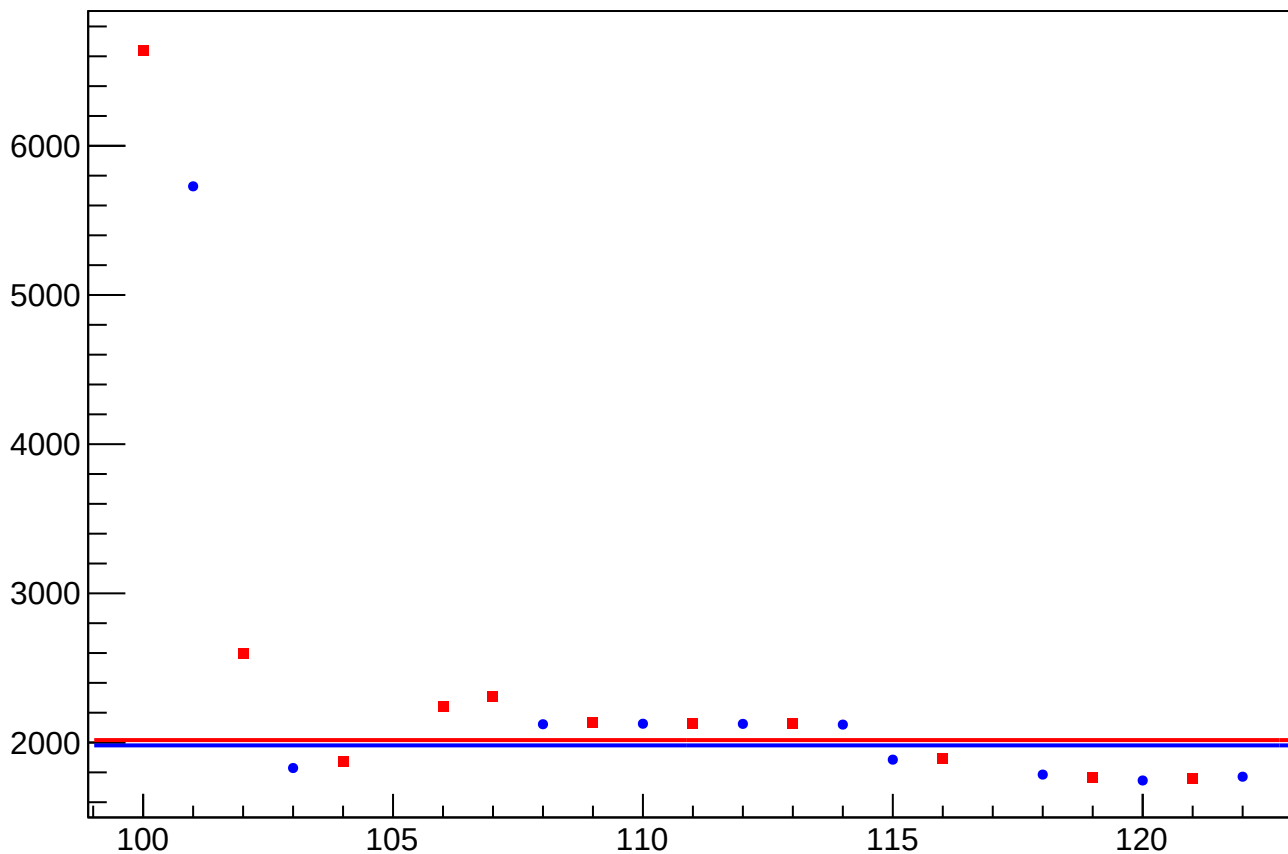
Right: 269.082 $\pm$ 703.222 χ^2 /NDF: 18.2/20

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

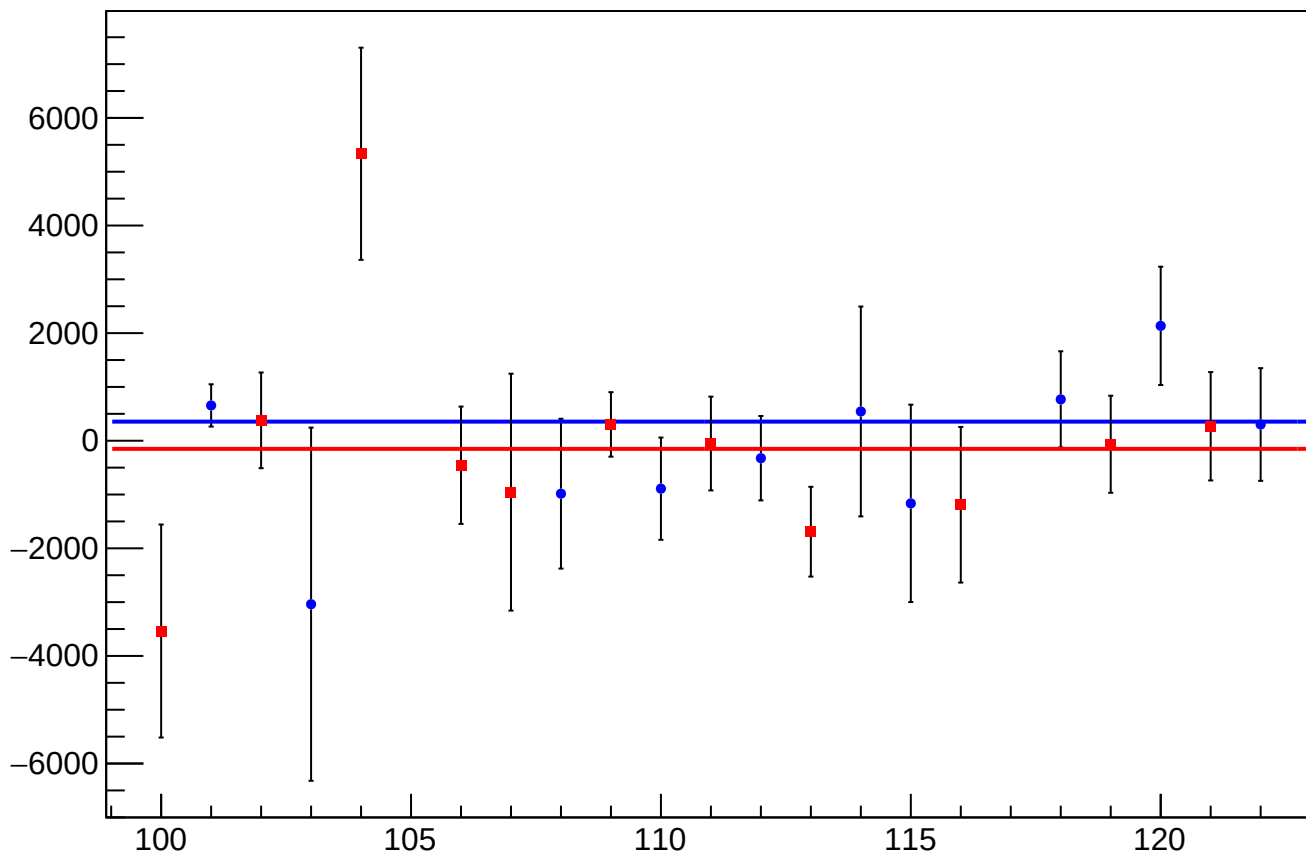
Right: 1999.521+/-0.497 χ^2/NDF : 813863.4/20

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

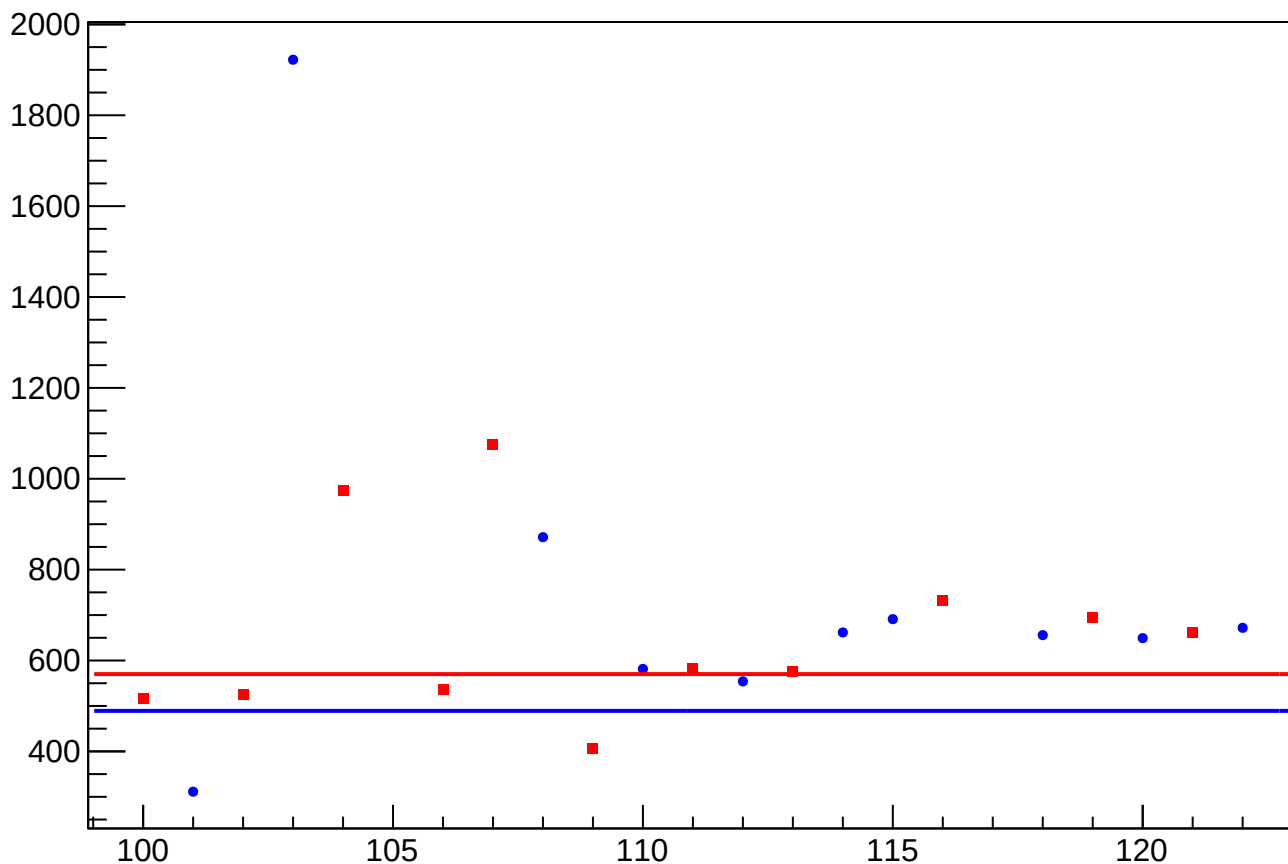
Right: 125.912+/-202.372 χ^2/NDF : 26.1/20

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

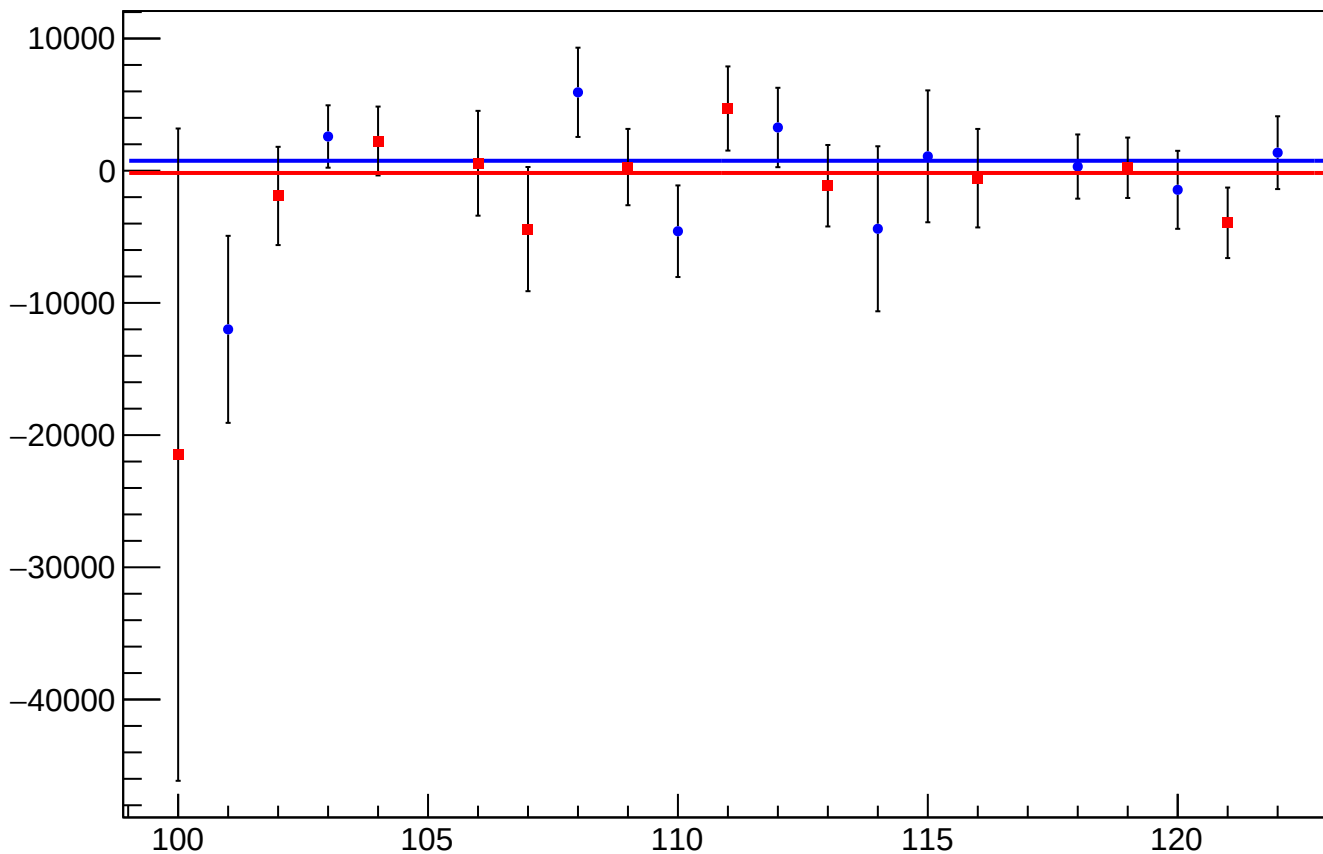
Right: 525.793+/-0.143 χ^2/NDF : 1691557.9/20

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

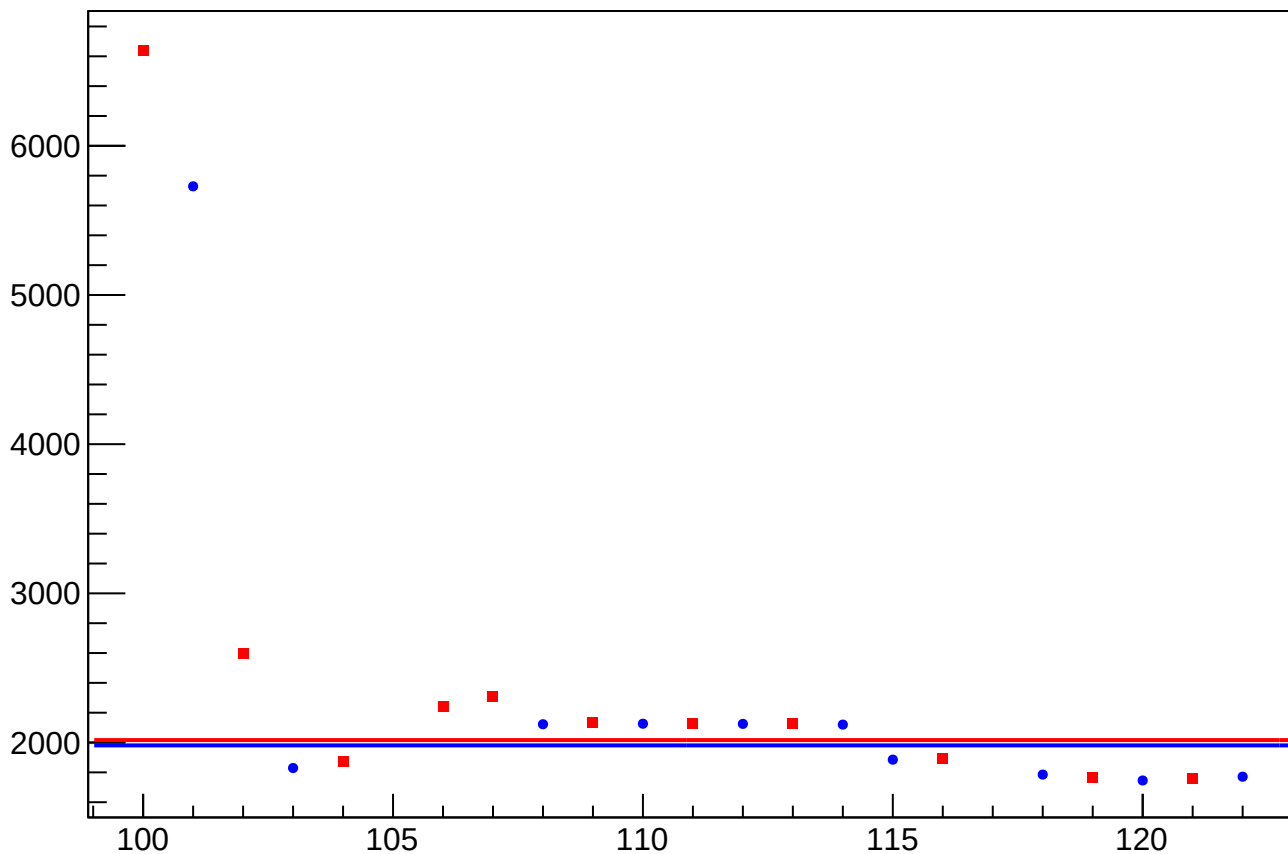
Right: 269.082+/-703.222 χ^2/NDF : 18.2/20

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

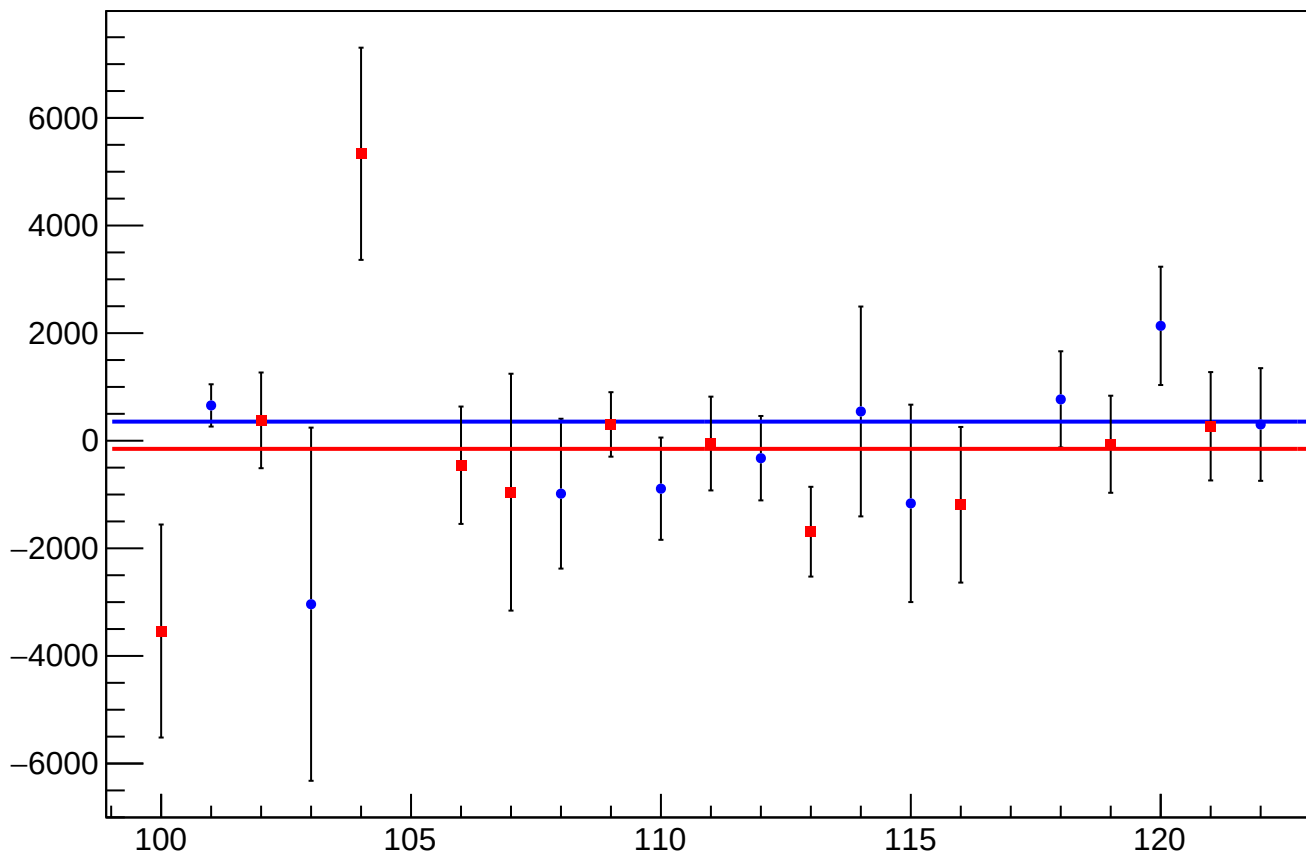
Right: 1999.521+/-0.497 χ^2/NDF : 813863.4/20

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

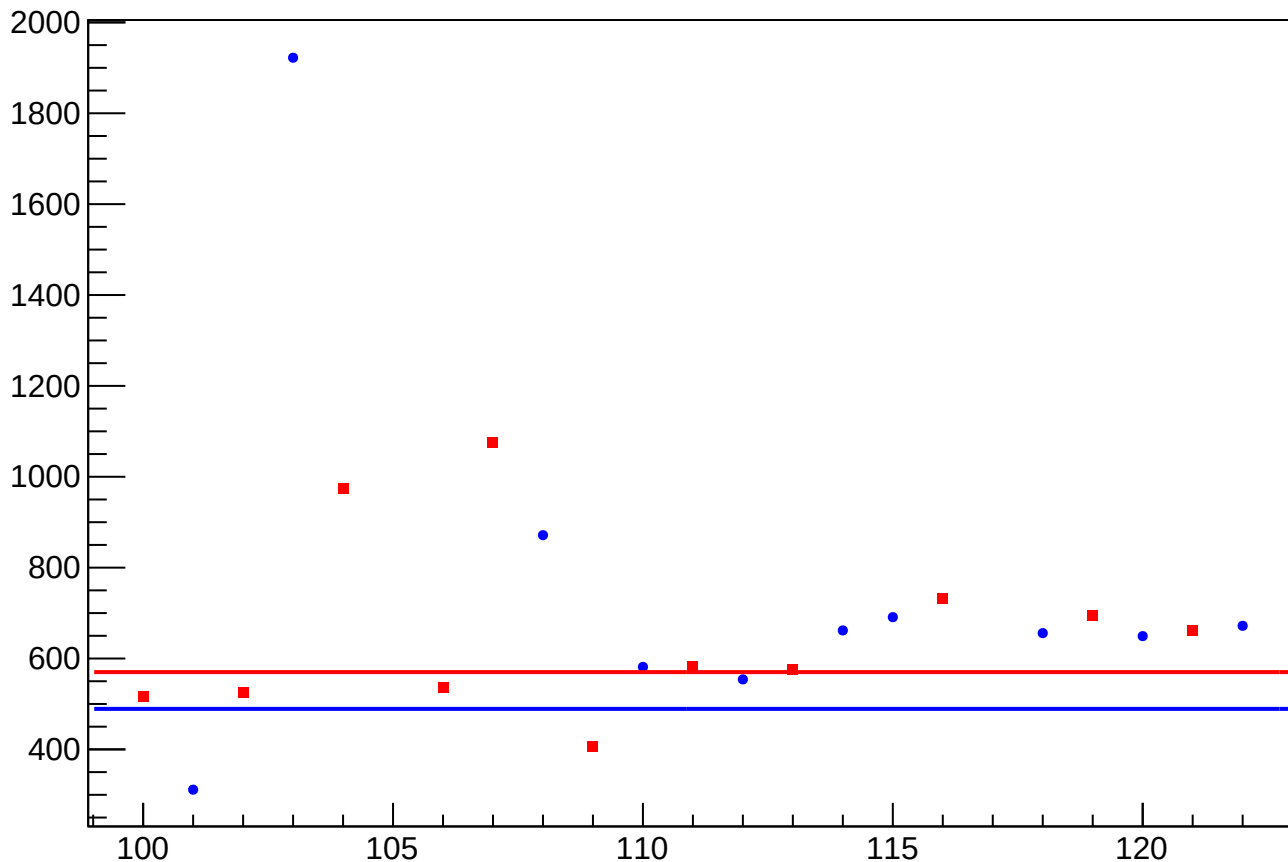
Right: 125.912+/-202.372 χ^2/NDF : 26.1/20

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

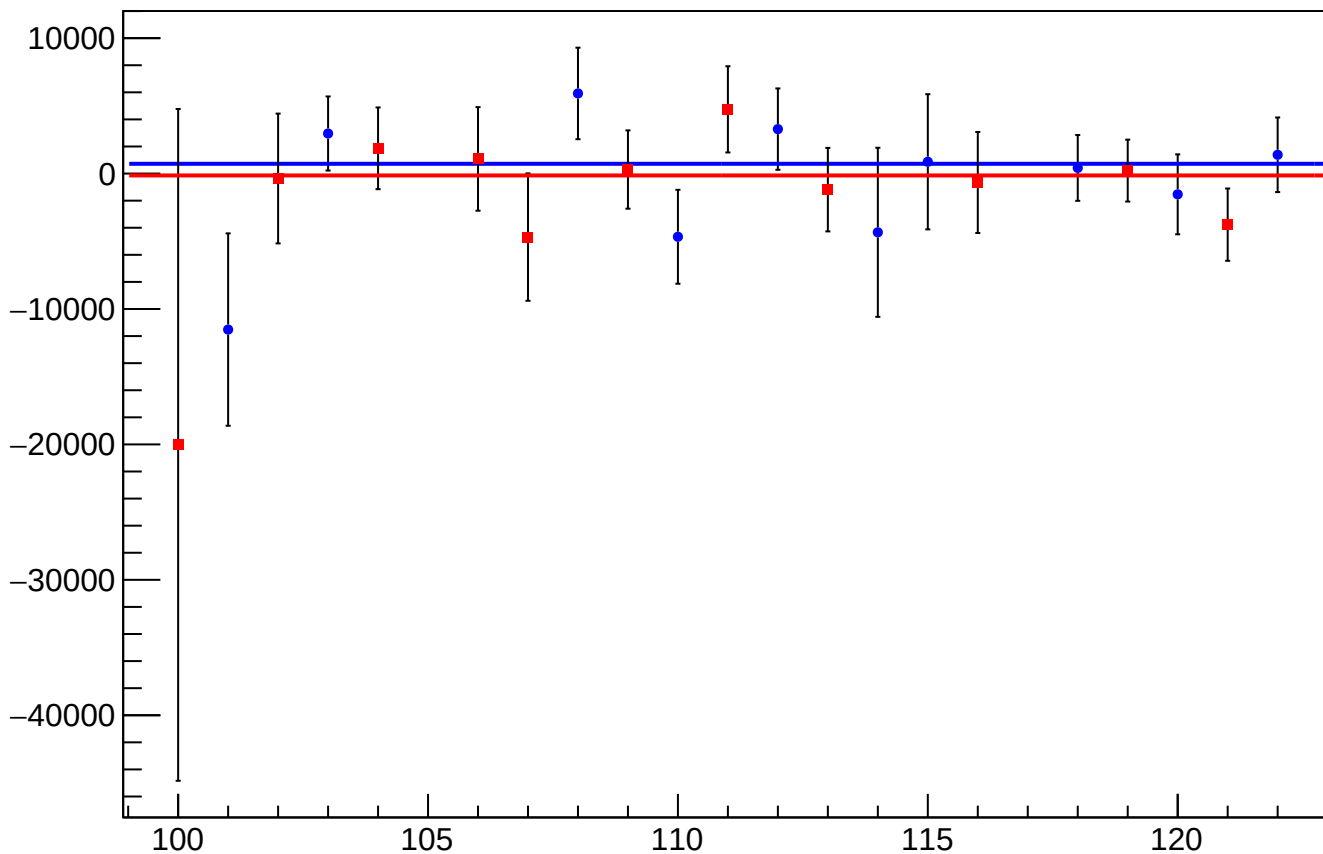
Right: 525.793+/-0.143 χ^2/NDF : 1691557.9/20

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

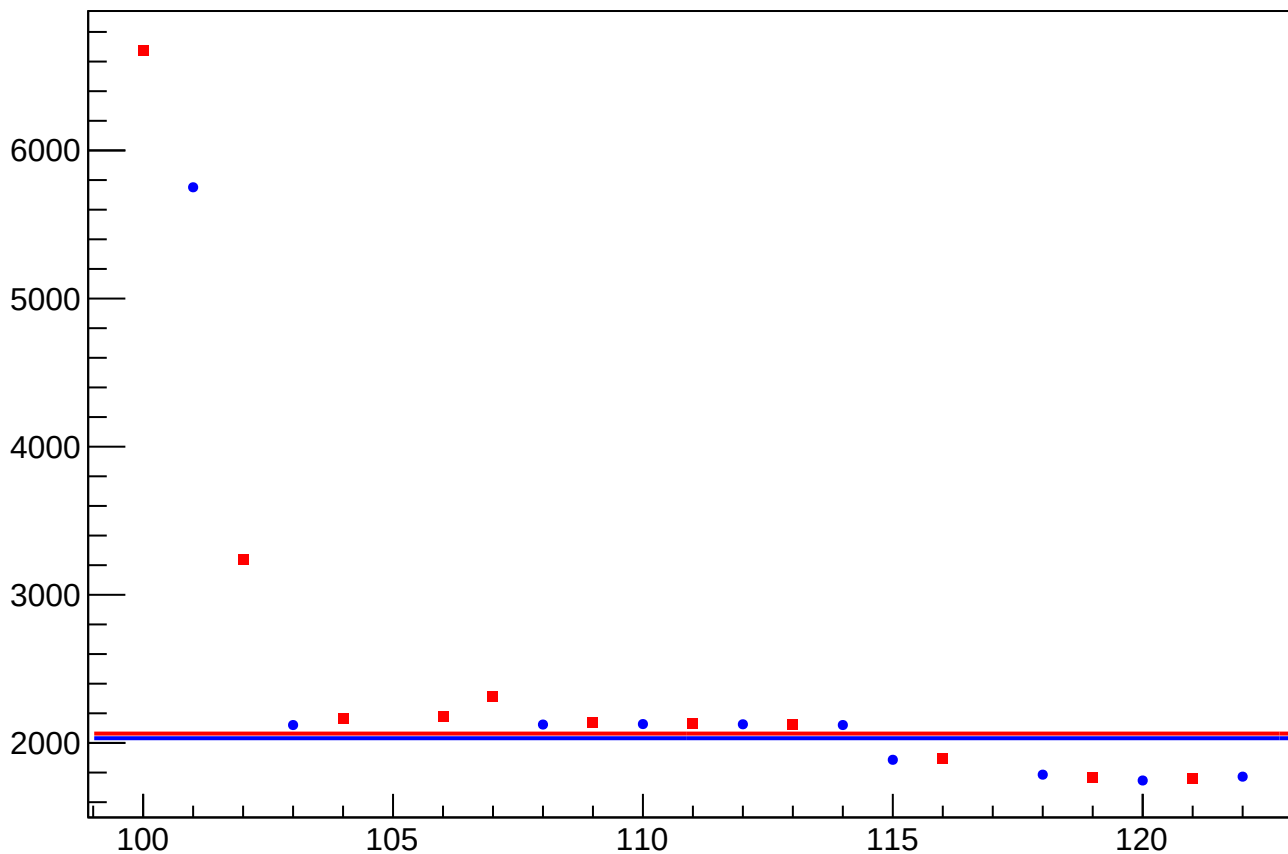
Right: 274.239+/-723.150 χ^2/NDF : 17.3/20

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

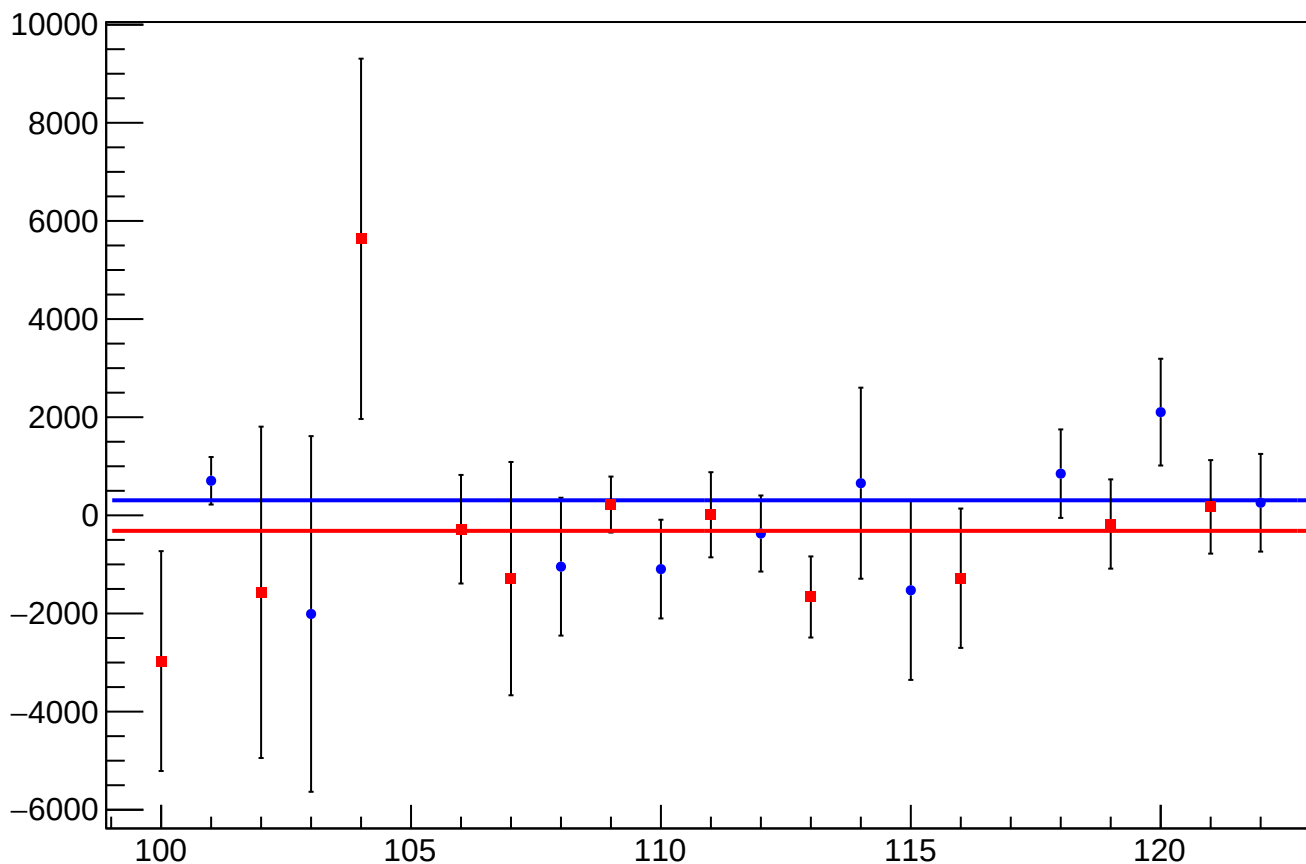
Right: 2048.065+/-0.511 χ^2/NDF : 880699.8/20

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

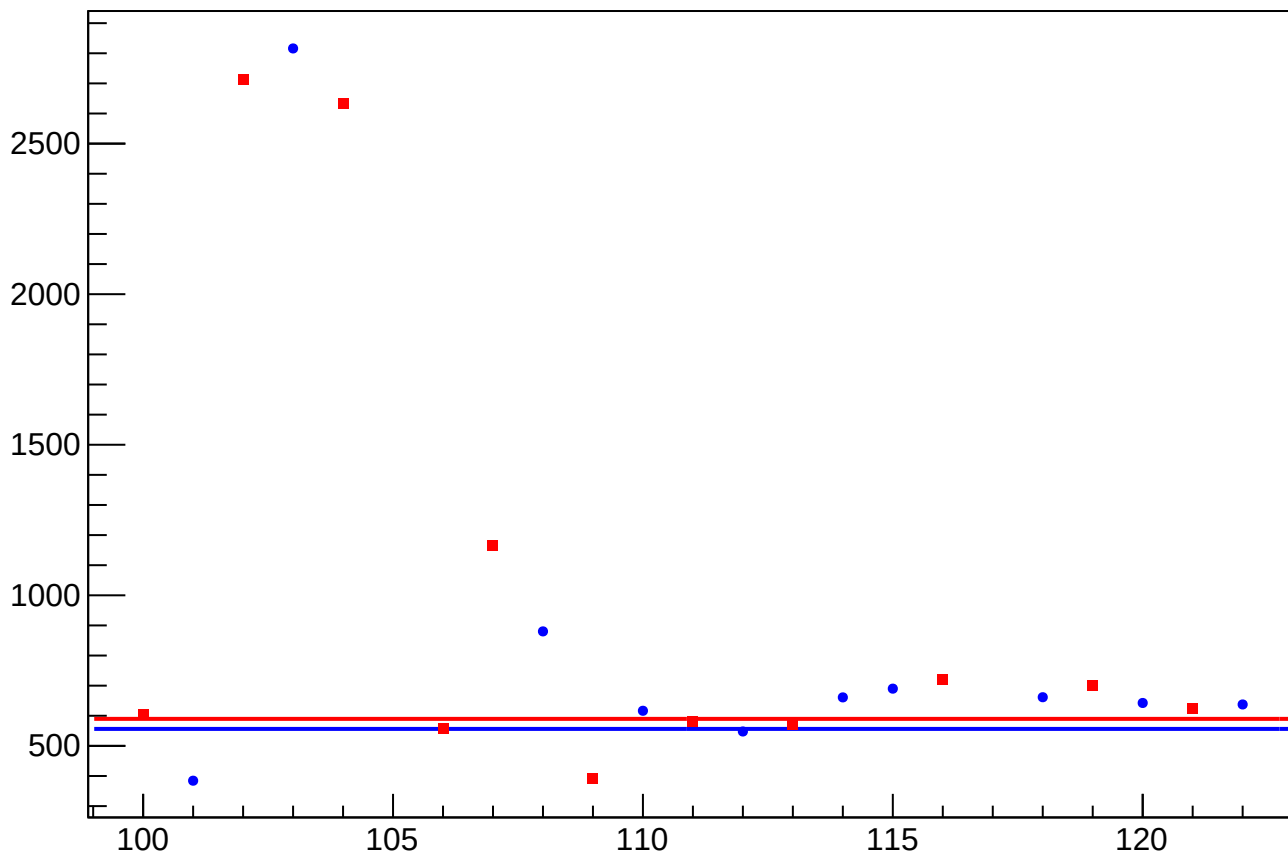
Right: 11.636+/-217.295 χ^2/NDF : 19.7/20

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

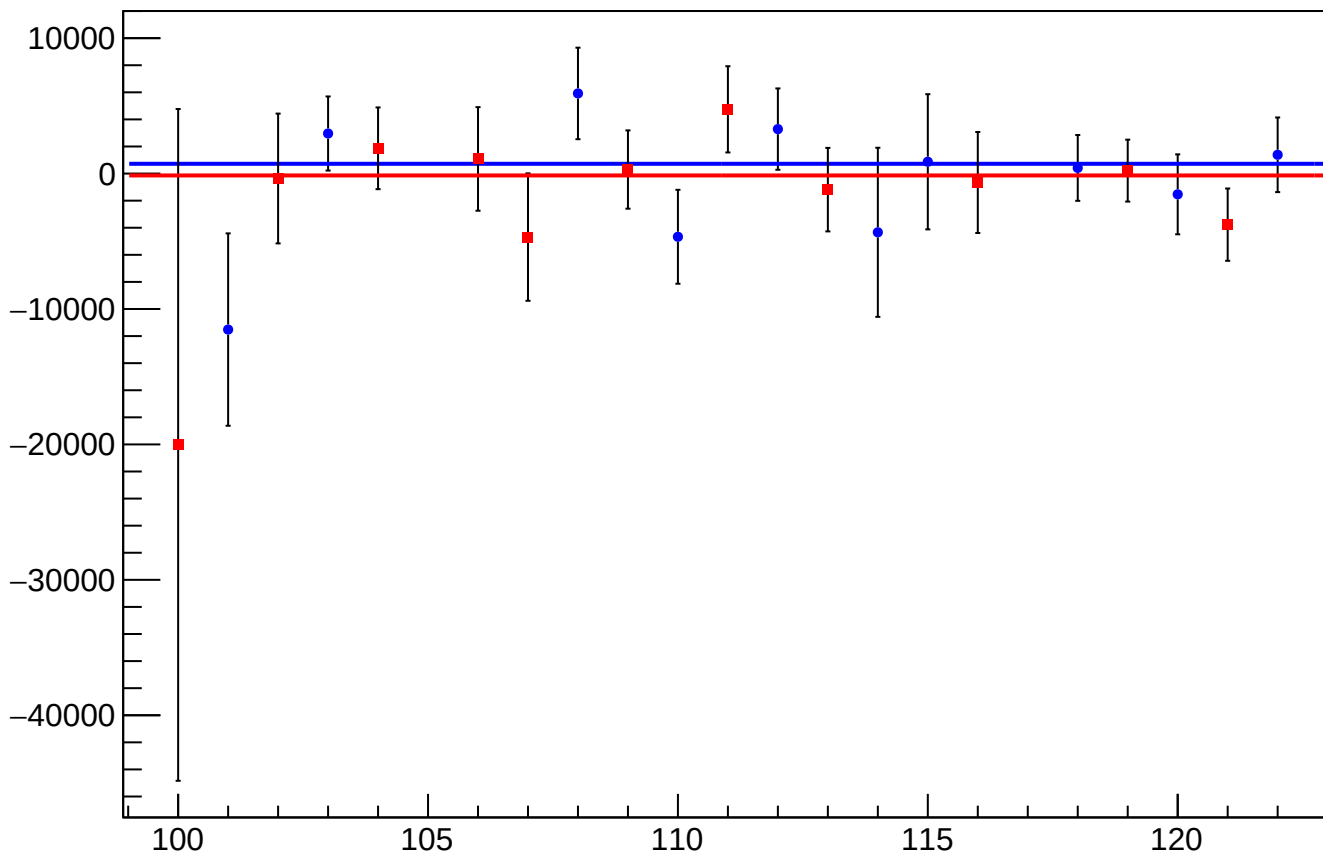
Right: 572.148+/-0.154 χ^2/NDF : 3047205.1/20

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 $\pm$ 1044.442 χ^2 /NDF: 10.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -138.248 $\pm$ 1002.238 χ^2 /NDF: 6.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

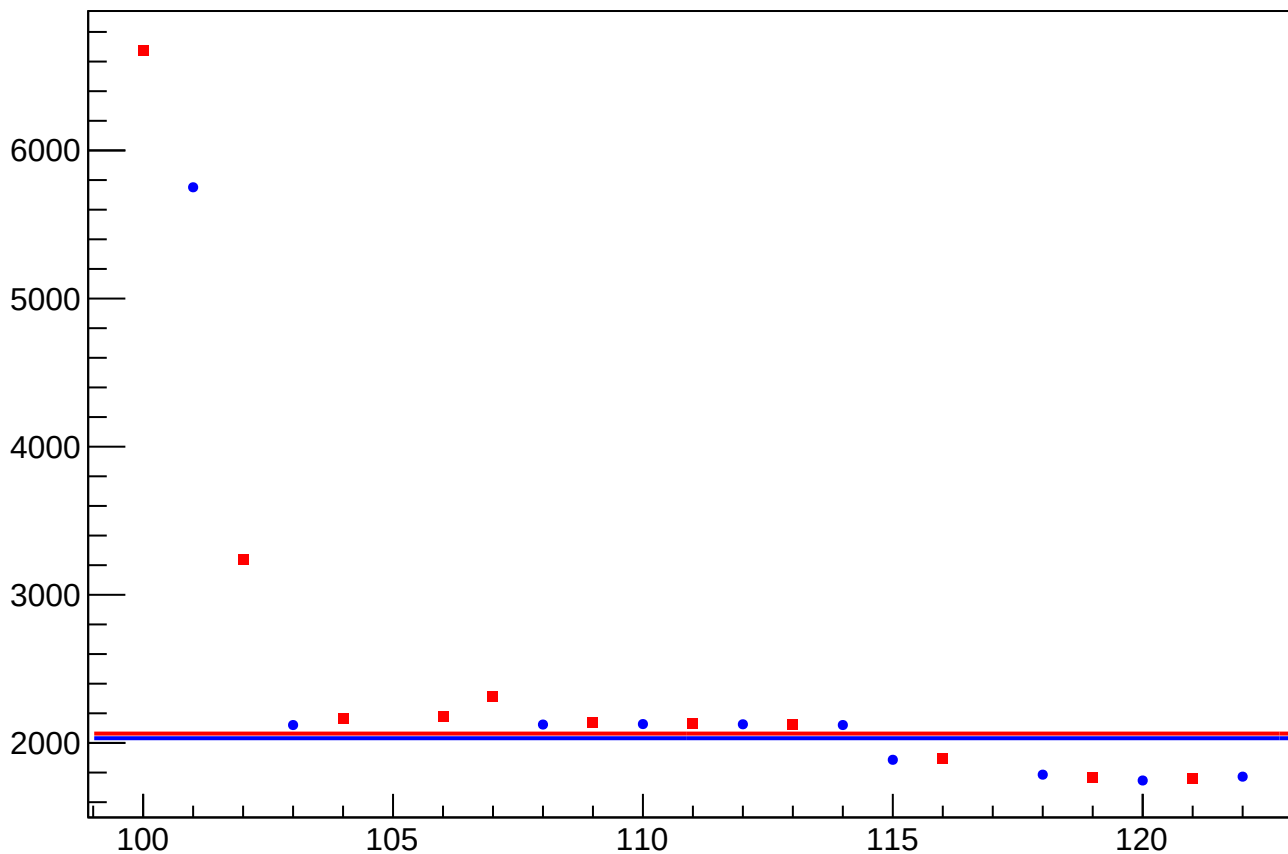
Right: 274.241 $\pm$ 723.150 χ^2 /NDF: 17.3/20

In: 722.201 $\pm$ 1044.442 χ^2 /NDF: 10.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 274.241 $\pm$ 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

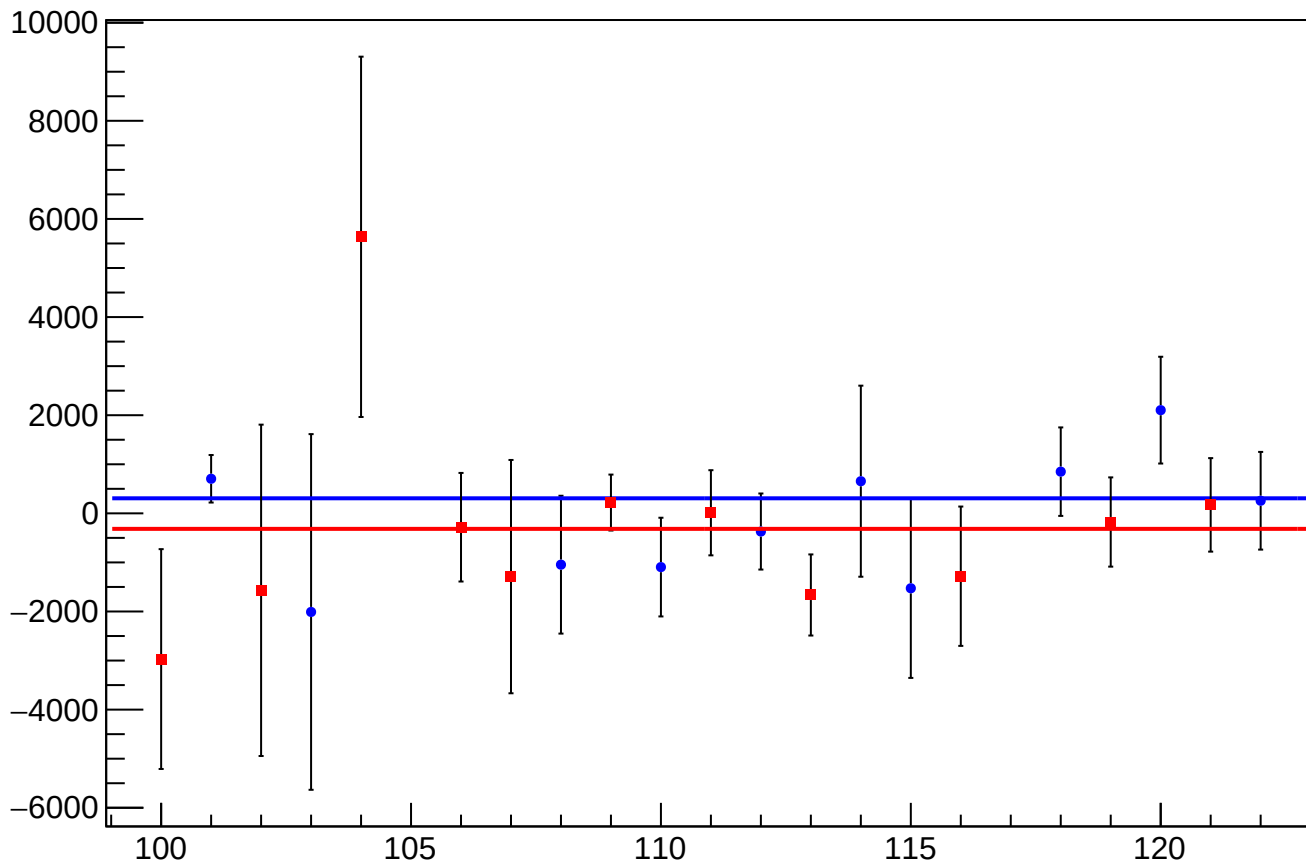
Right: 2048.065+/-0.511 χ^2/NDF : 880699.1/20

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

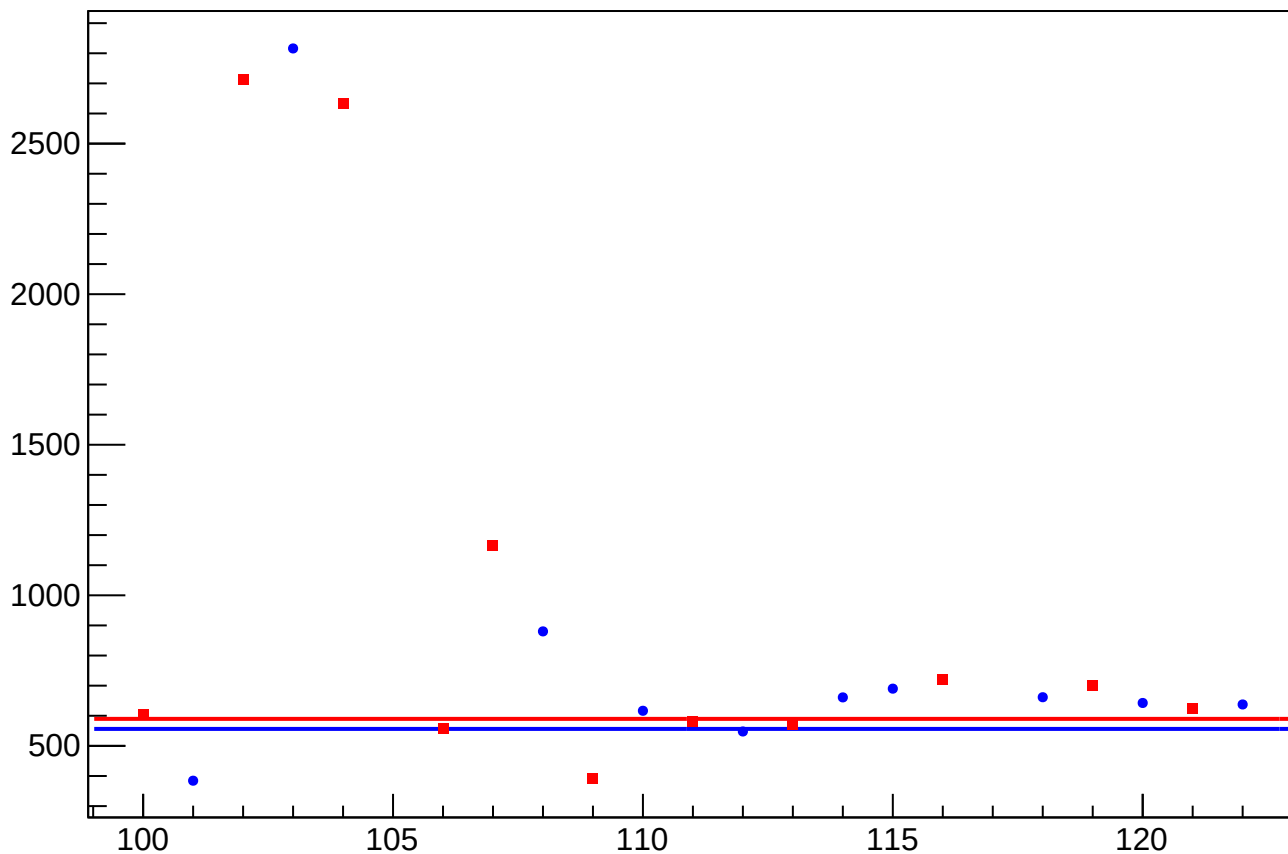
Right: 11.636+/-217.294 χ^2/NDF : 19.7/20

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

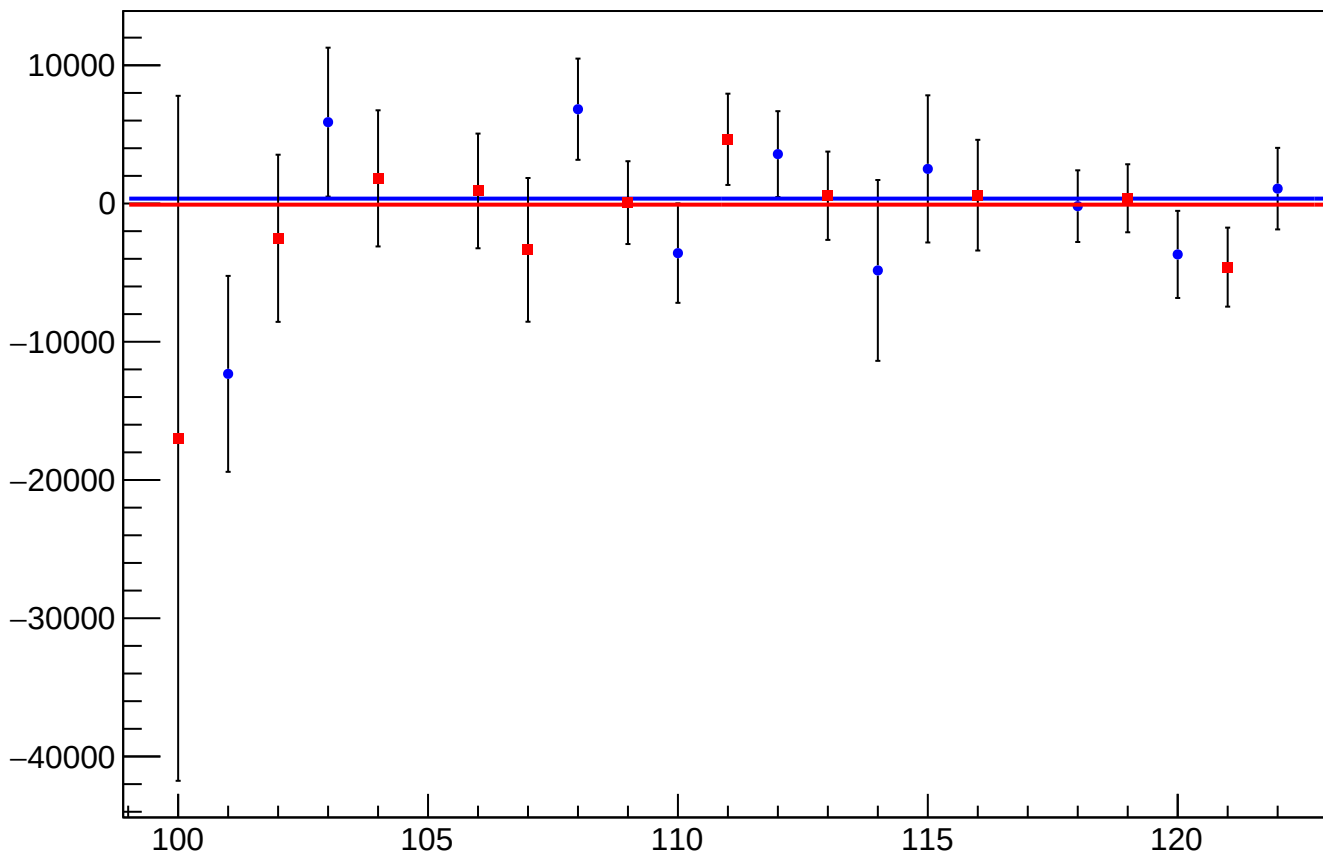
Right: 572.145+/-0.154 χ^2/NDF : 3047212.8/20

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 ± 1167.956 $\chi^2/\text{NDF}: 12.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -81.565 ± 1106.710 $\chi^2/\text{NDF}: 5.9/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

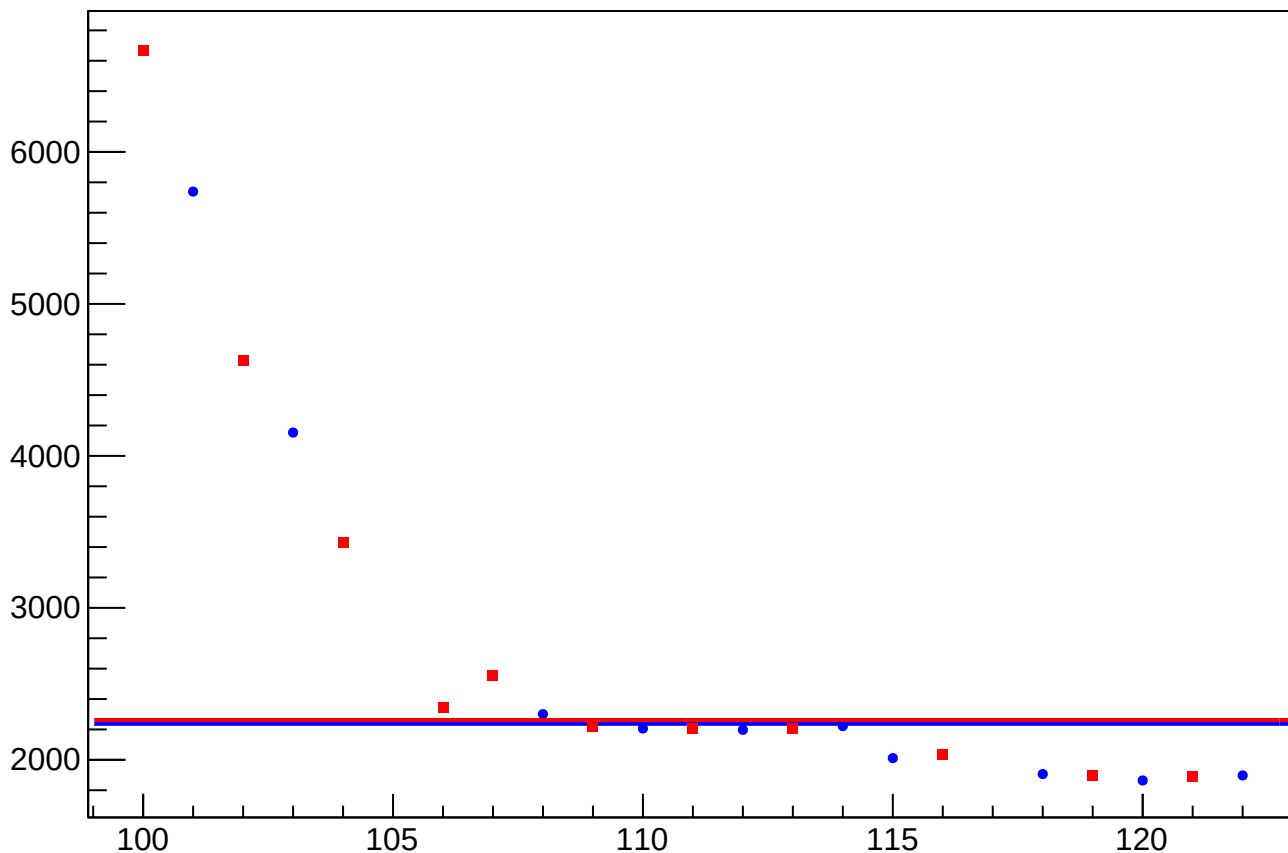
Right: 124.762 ± 803.342 $\chi^2/\text{NDF}: 18.2/20$

In: 354.557 ± 1167.956 $\chi^2/\text{NDF}: 12.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 124.762 ± 803.342 $\chi^2/\text{NDF}: 18.2/20$

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

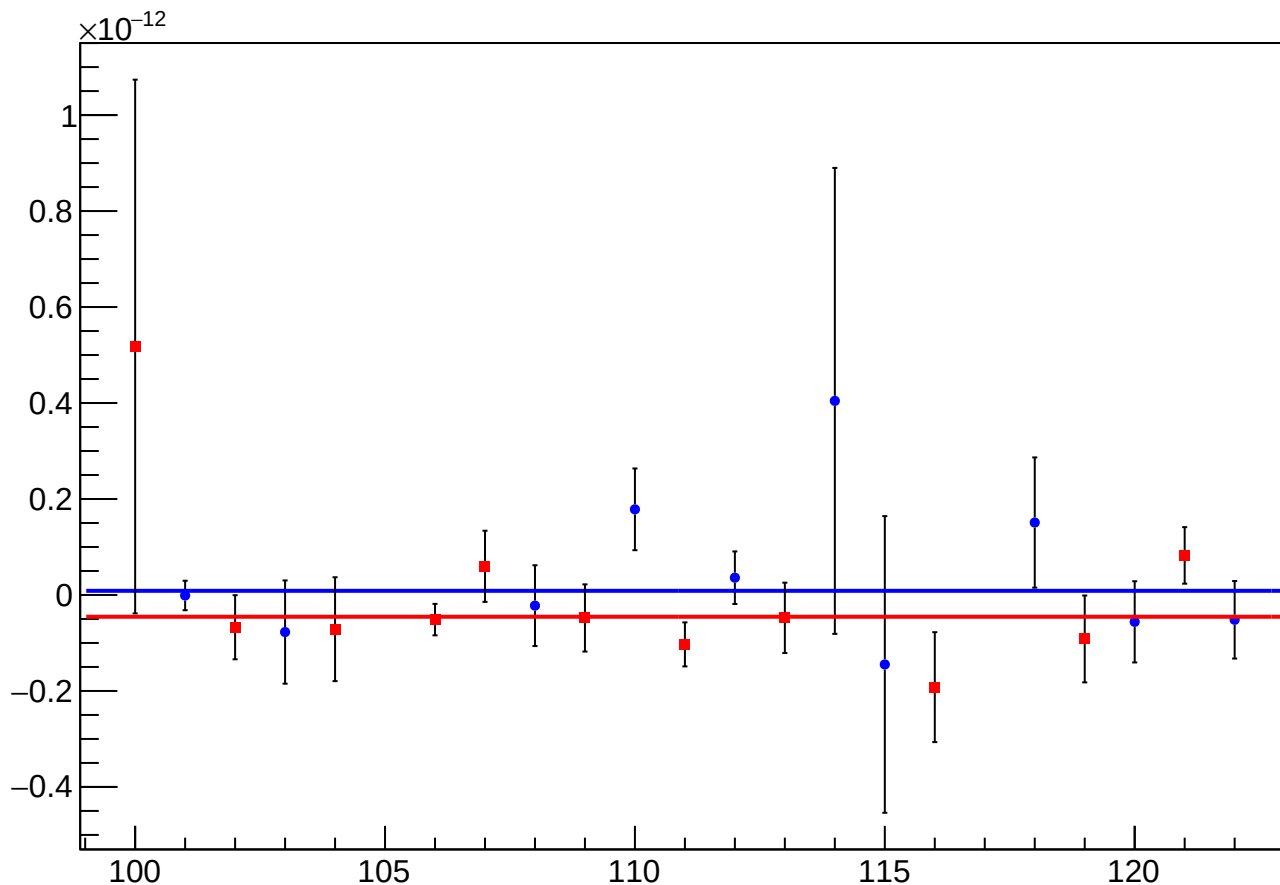
Right: 2250.262+/-0.568 χ^2/NDF : 1408464.0/20

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

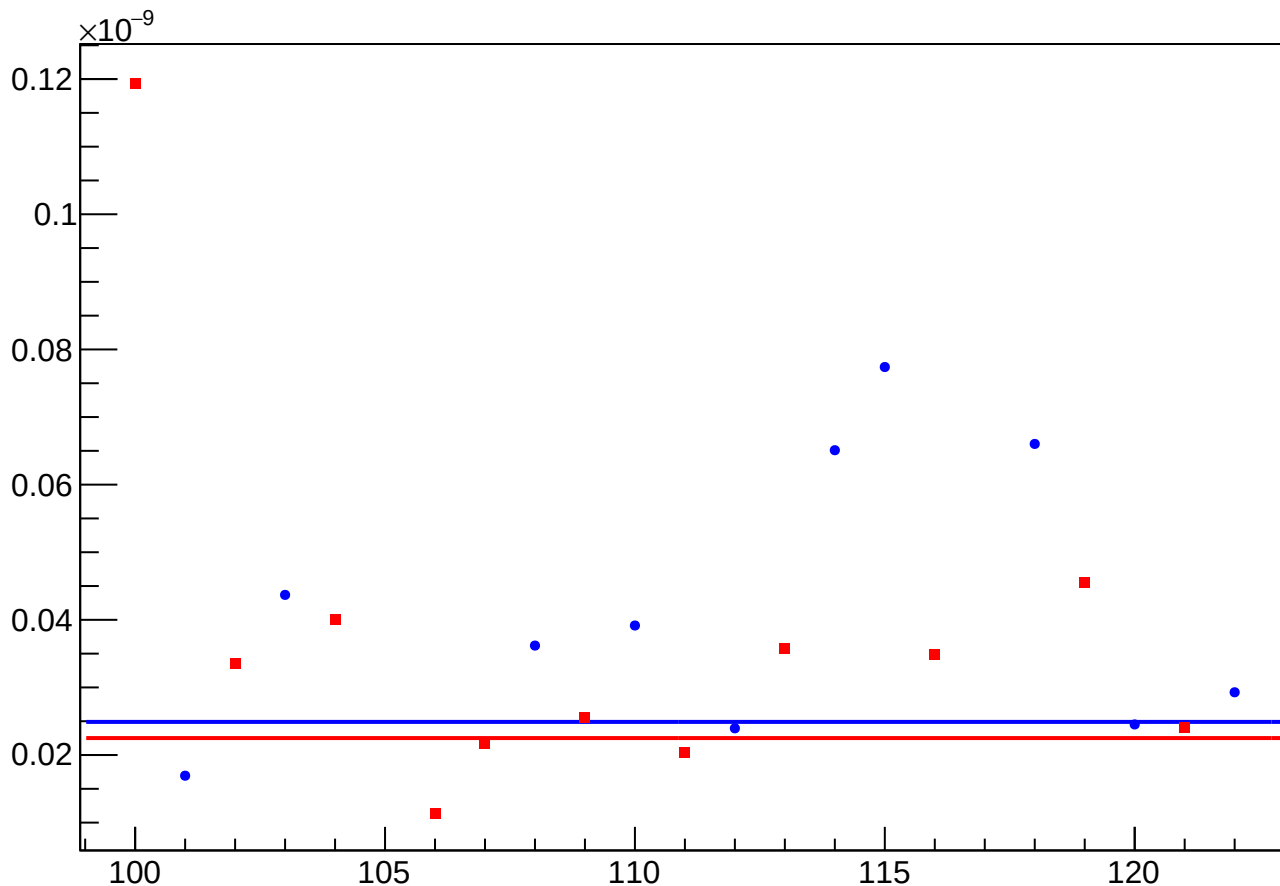
Right: -0.000+/-0.000 χ^2/NDF : 23.2/20

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

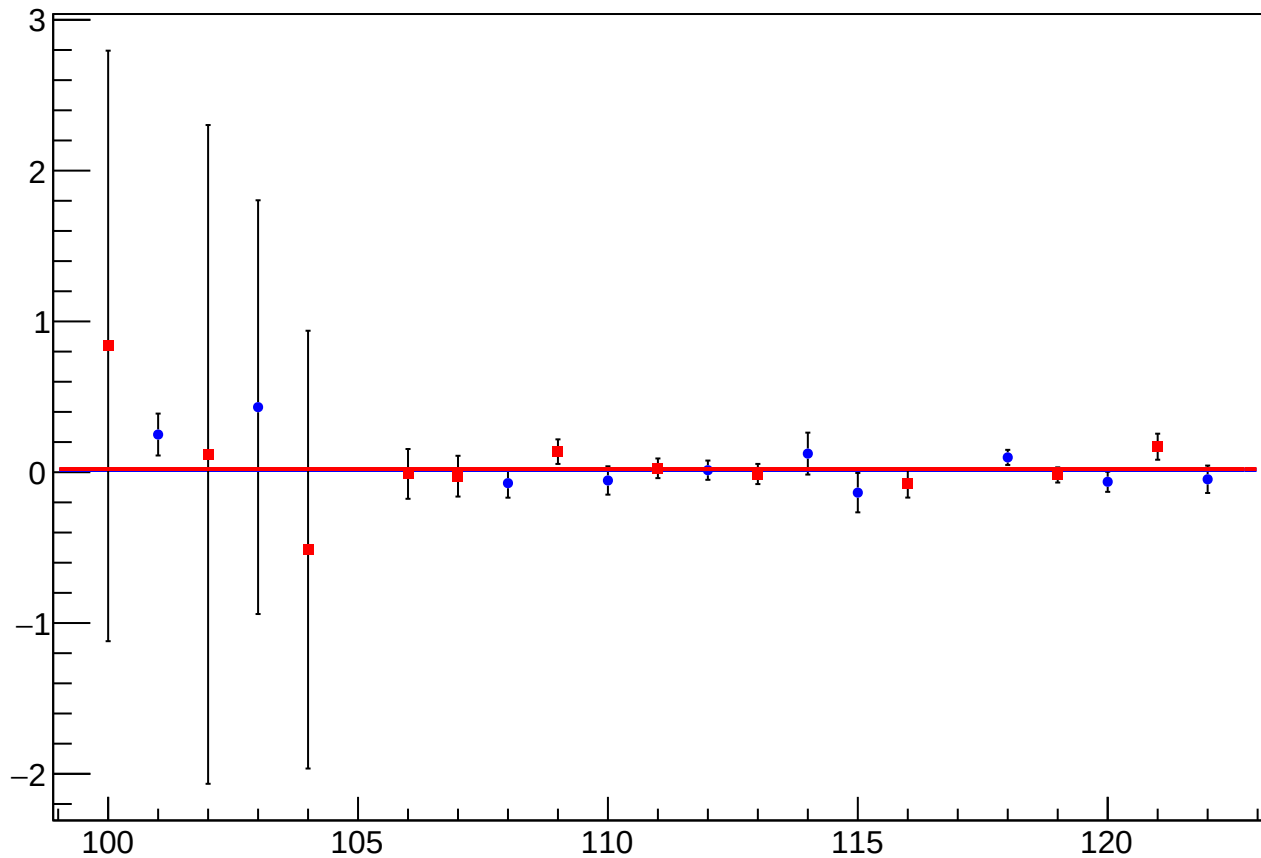
Right: 0.000+/-0.000 χ^2/NDF : 1190709.8/20

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

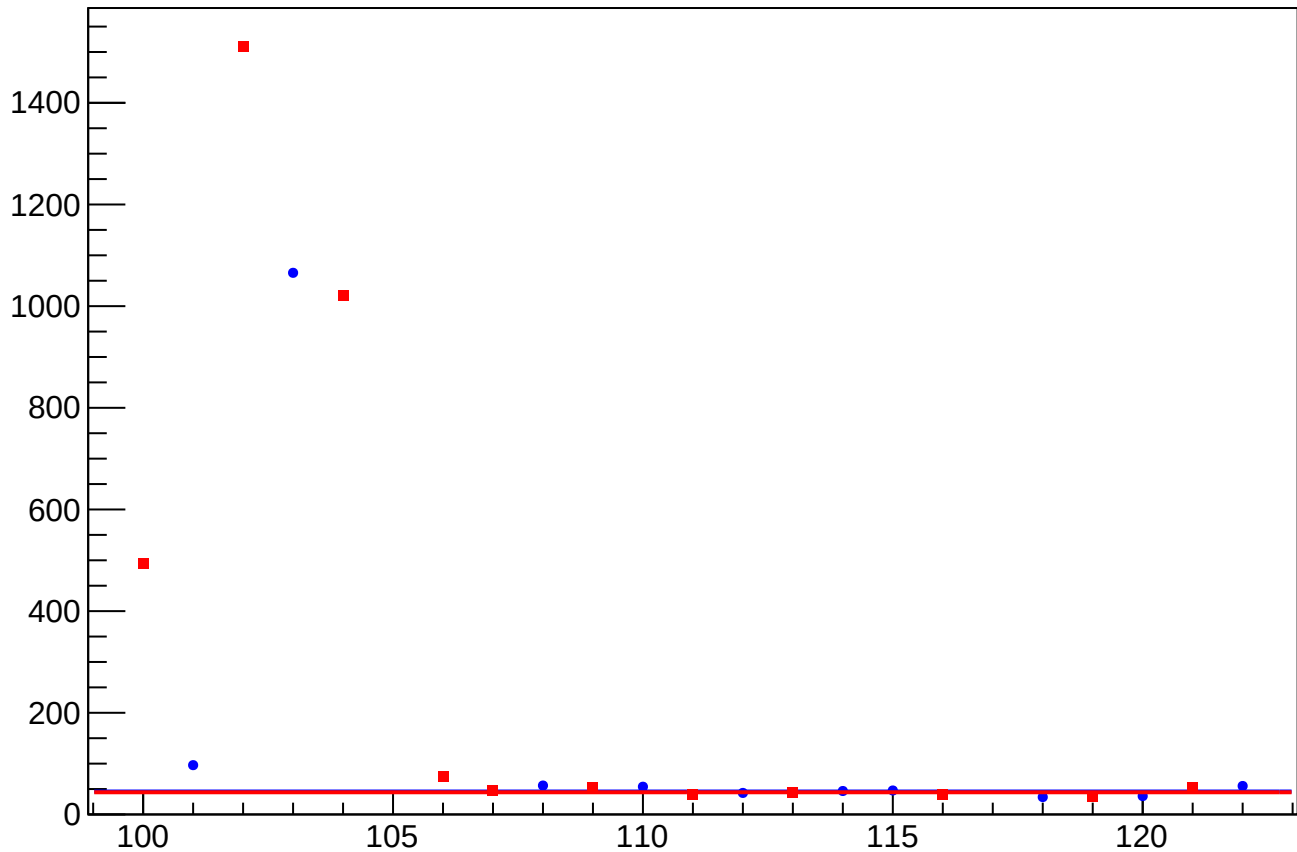
Right: 0.018+/-0.019 χ^2/NDF : 18.3/20

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

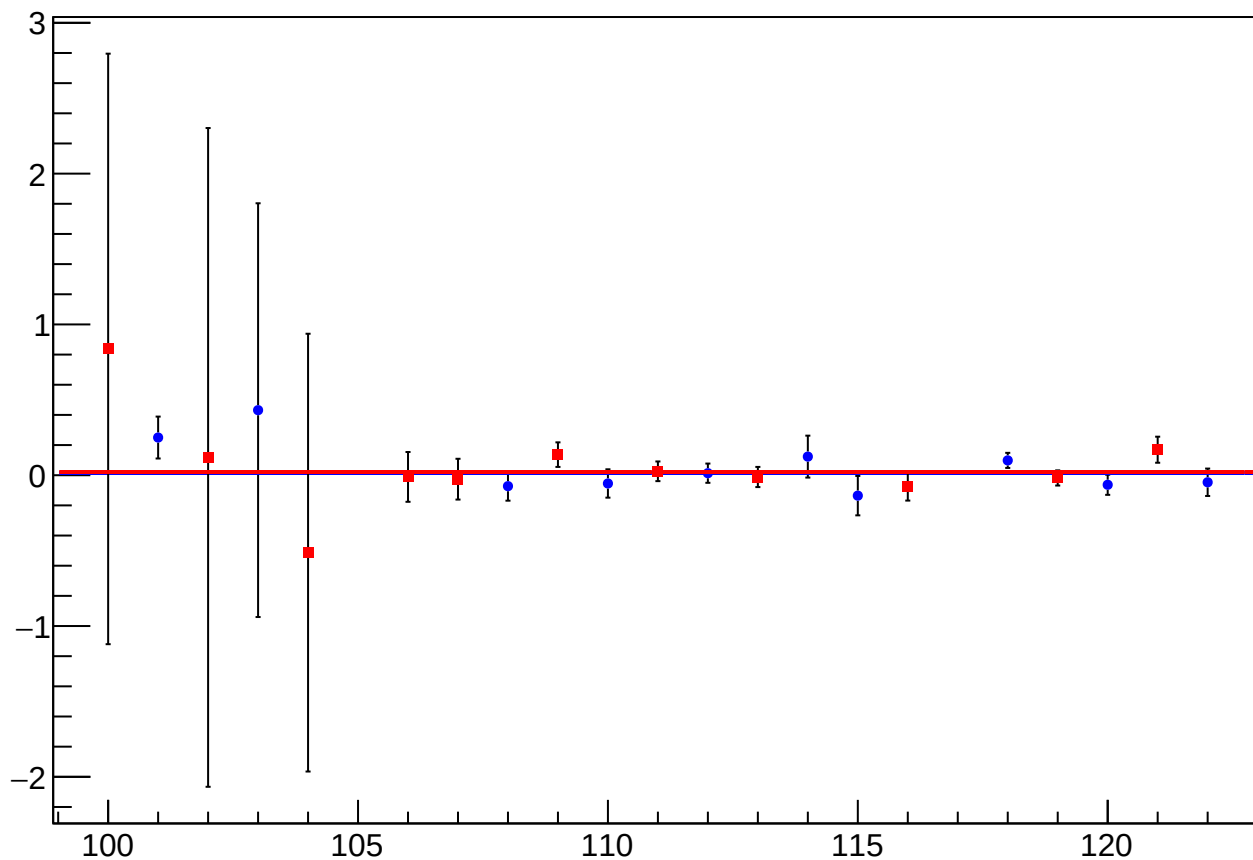
Right: 44.396+/-0.014 χ^2/NDF : 3703630.3/20

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

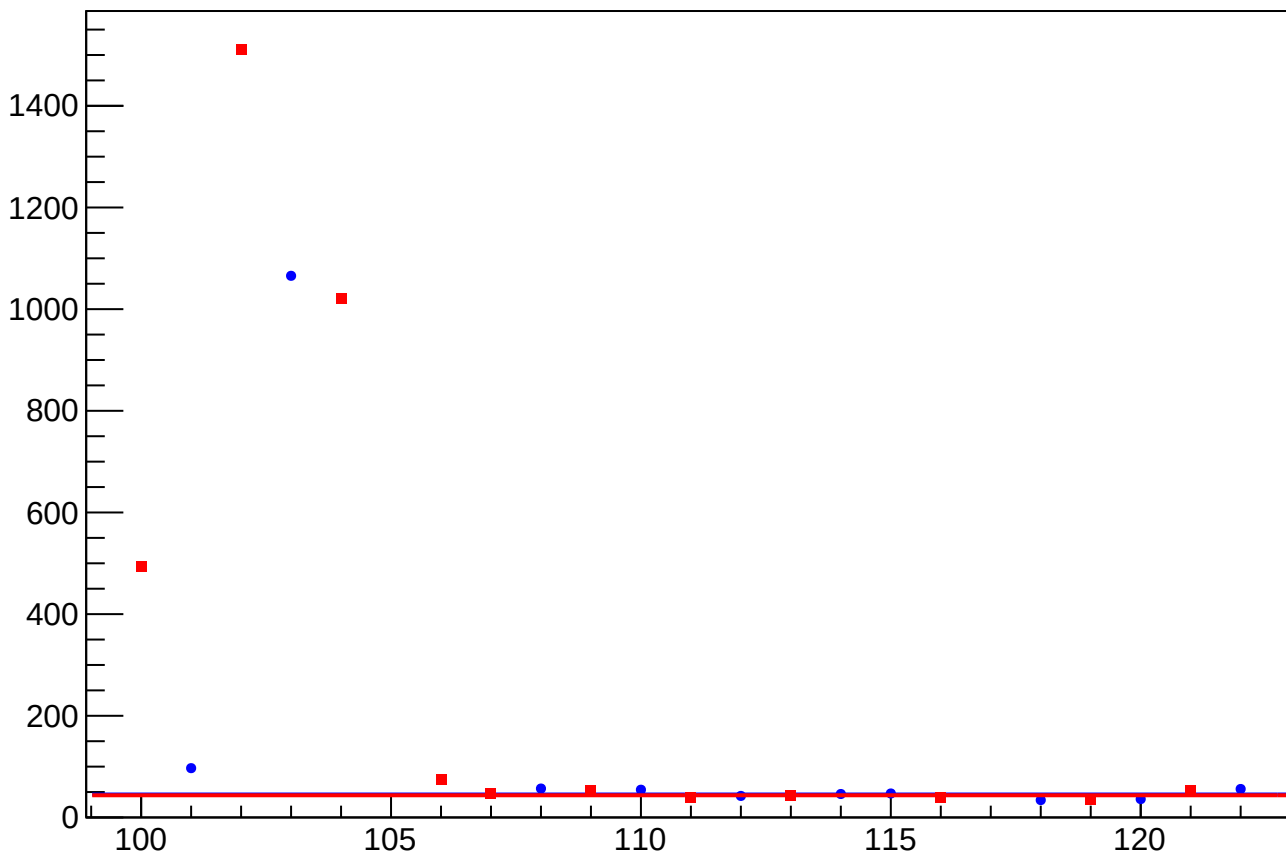
Right: 0.018+/-0.019 χ^2/NDF : 18.3/20

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

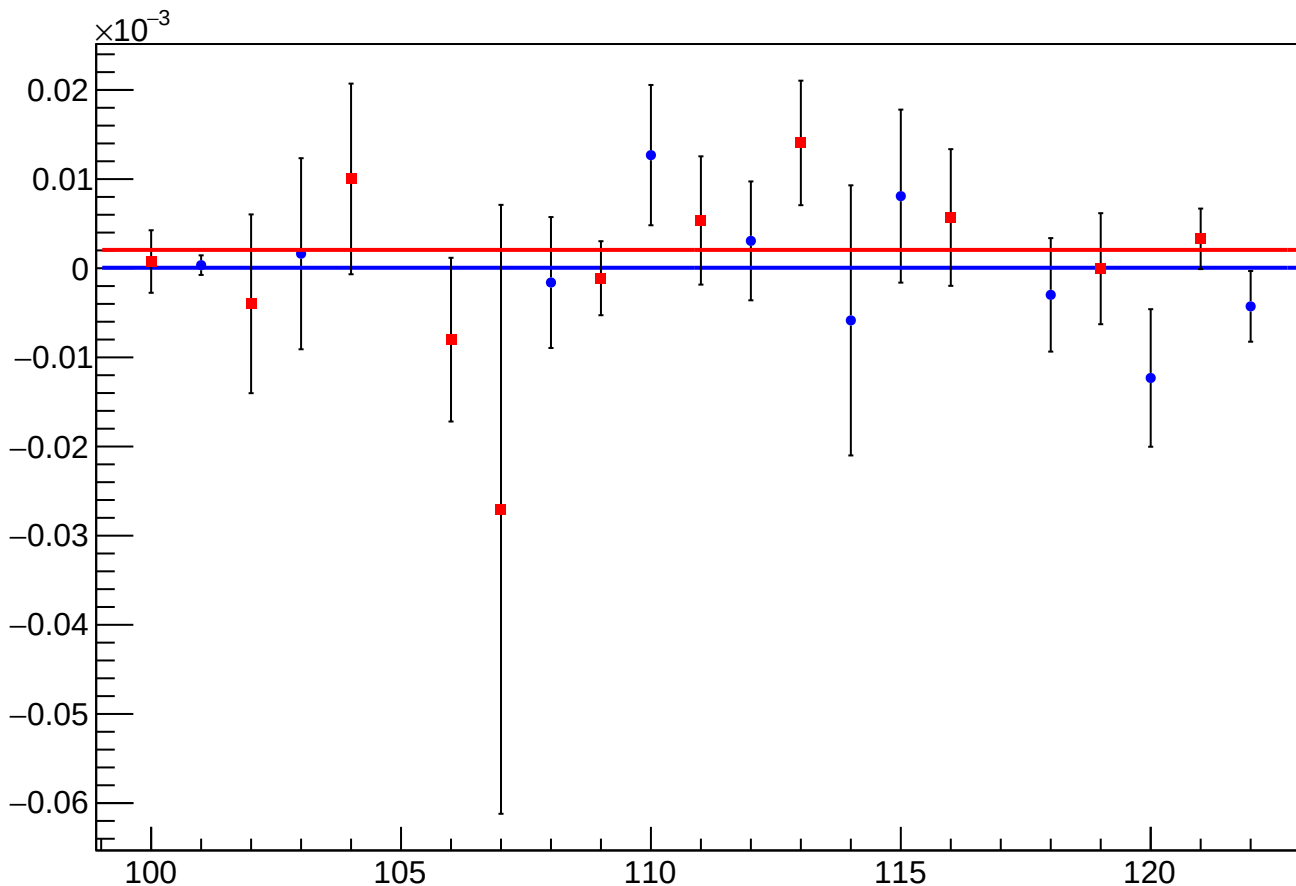
Right: 44.396+/-0.014 χ^2/NDF : 3703630.3/20

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

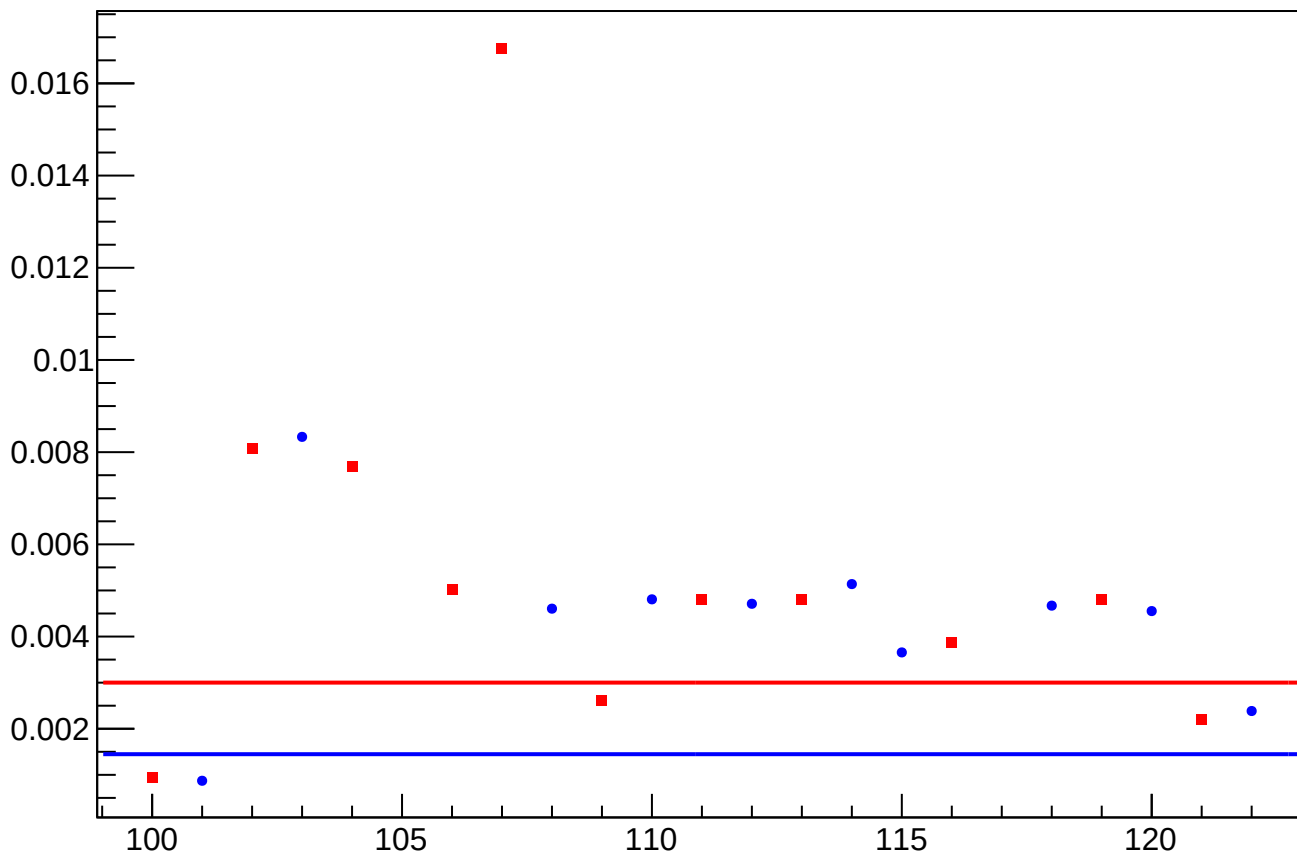
Right: 0.000+/-0.000 χ^2/NDF : 16.0/20

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

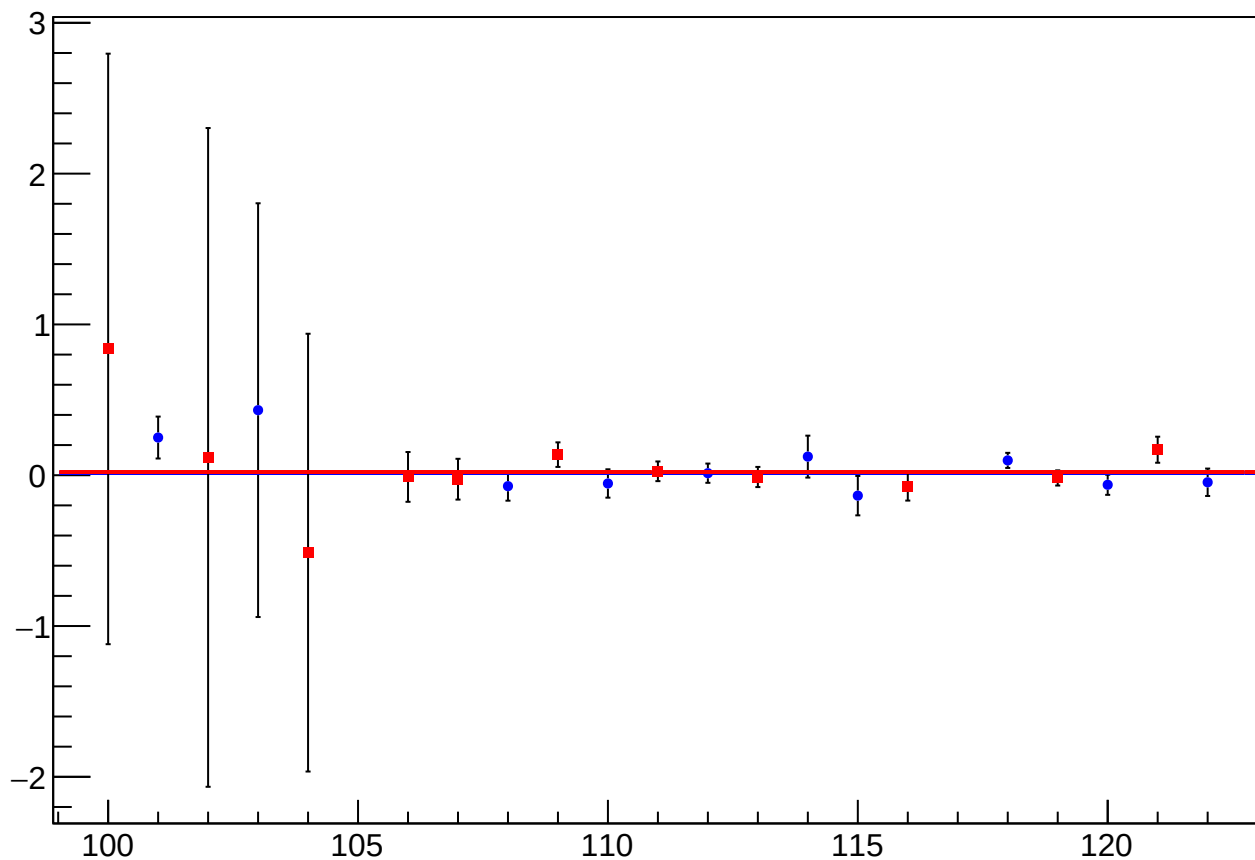
Right: 0.002+/-0.000 χ^2/NDF : 7575154.7/20

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

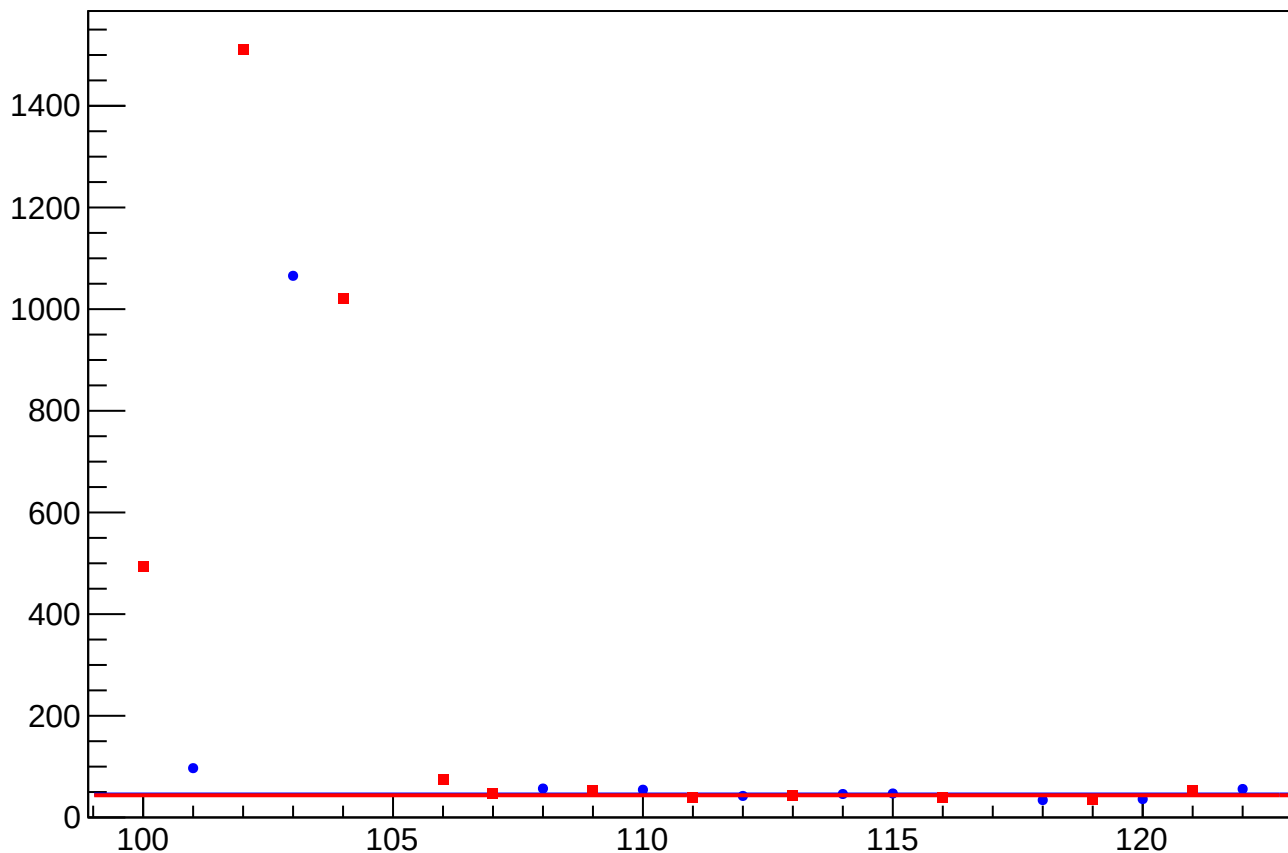
Right: 0.018+/-0.019 χ^2/NDF : 18.3/20

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

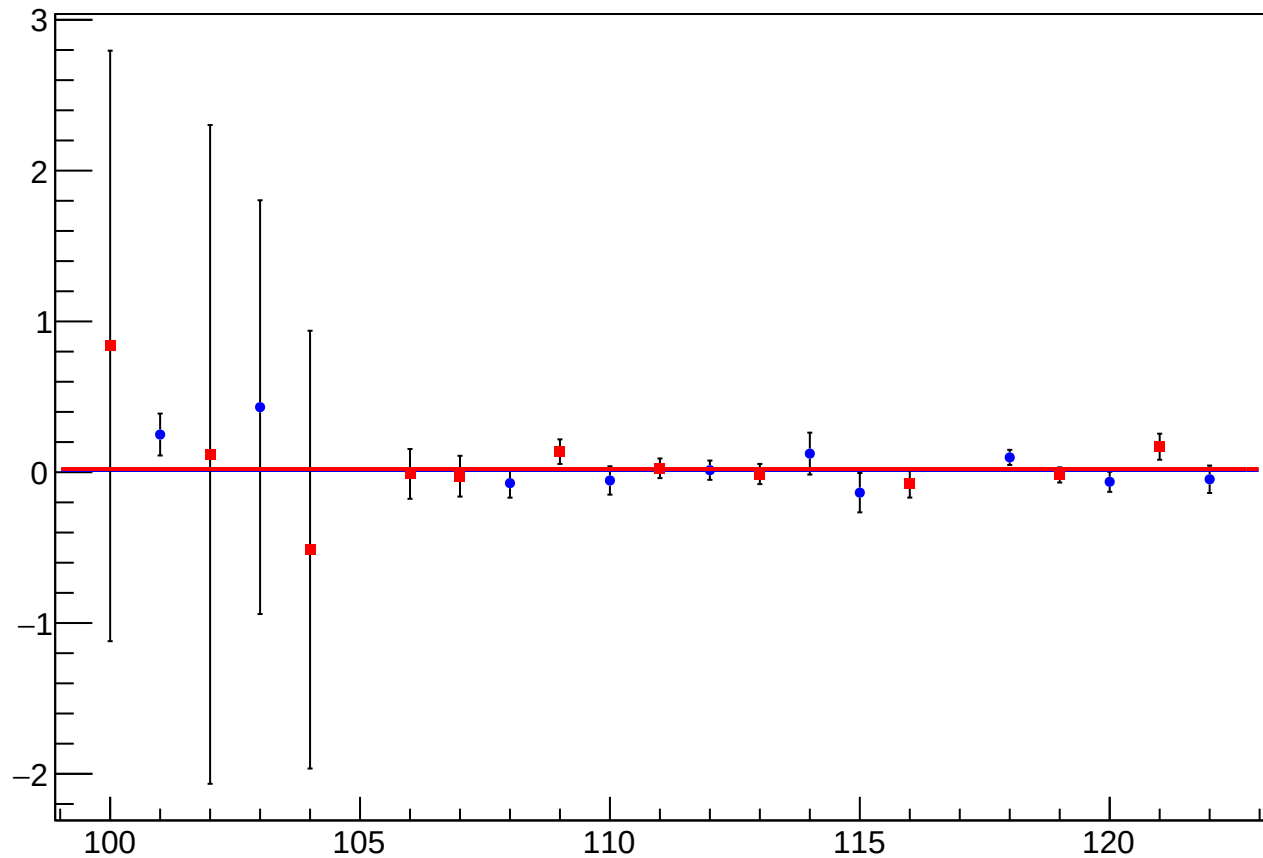
Right: 44.396+/-0.014 χ^2/NDF : 3703647.8/20

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

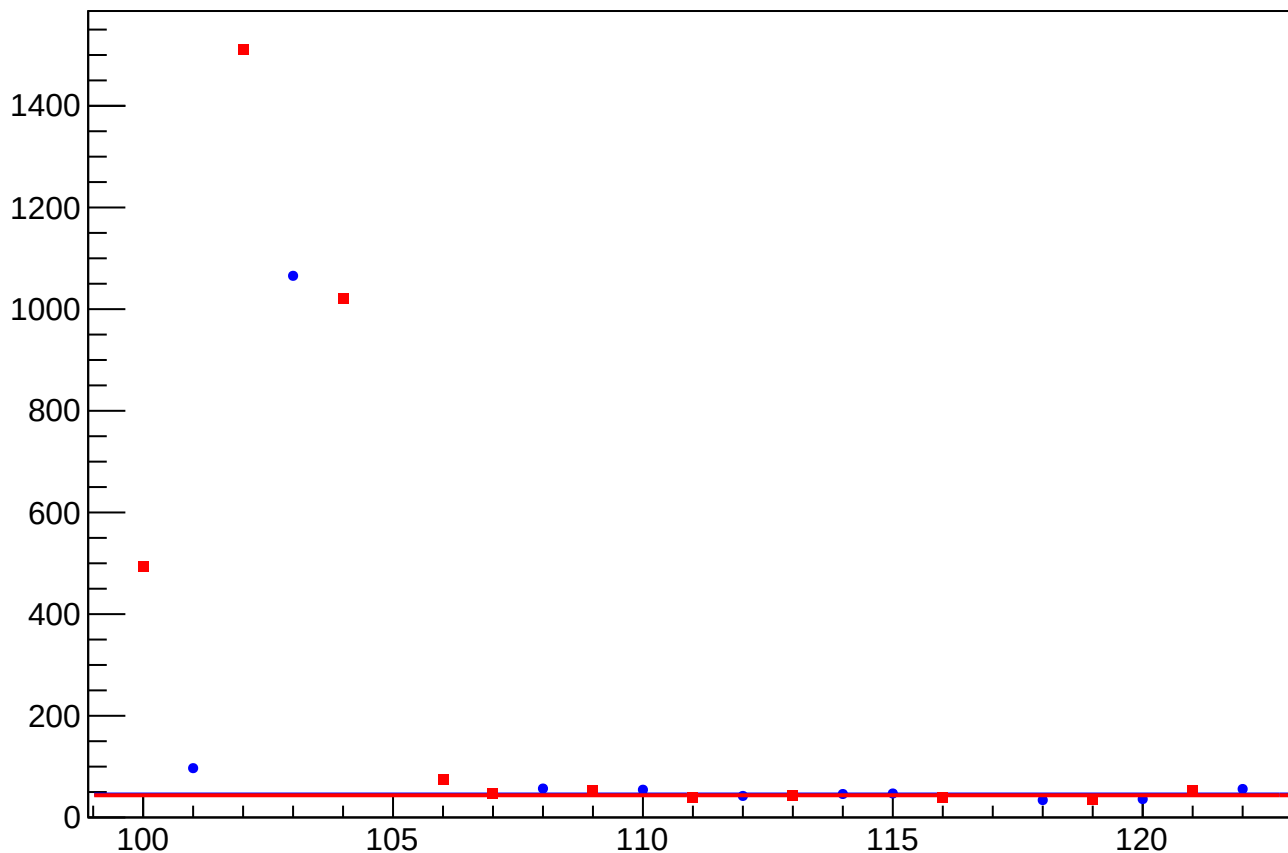
Right: 0.018+/-0.019 χ^2/NDF : 18.3/20

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

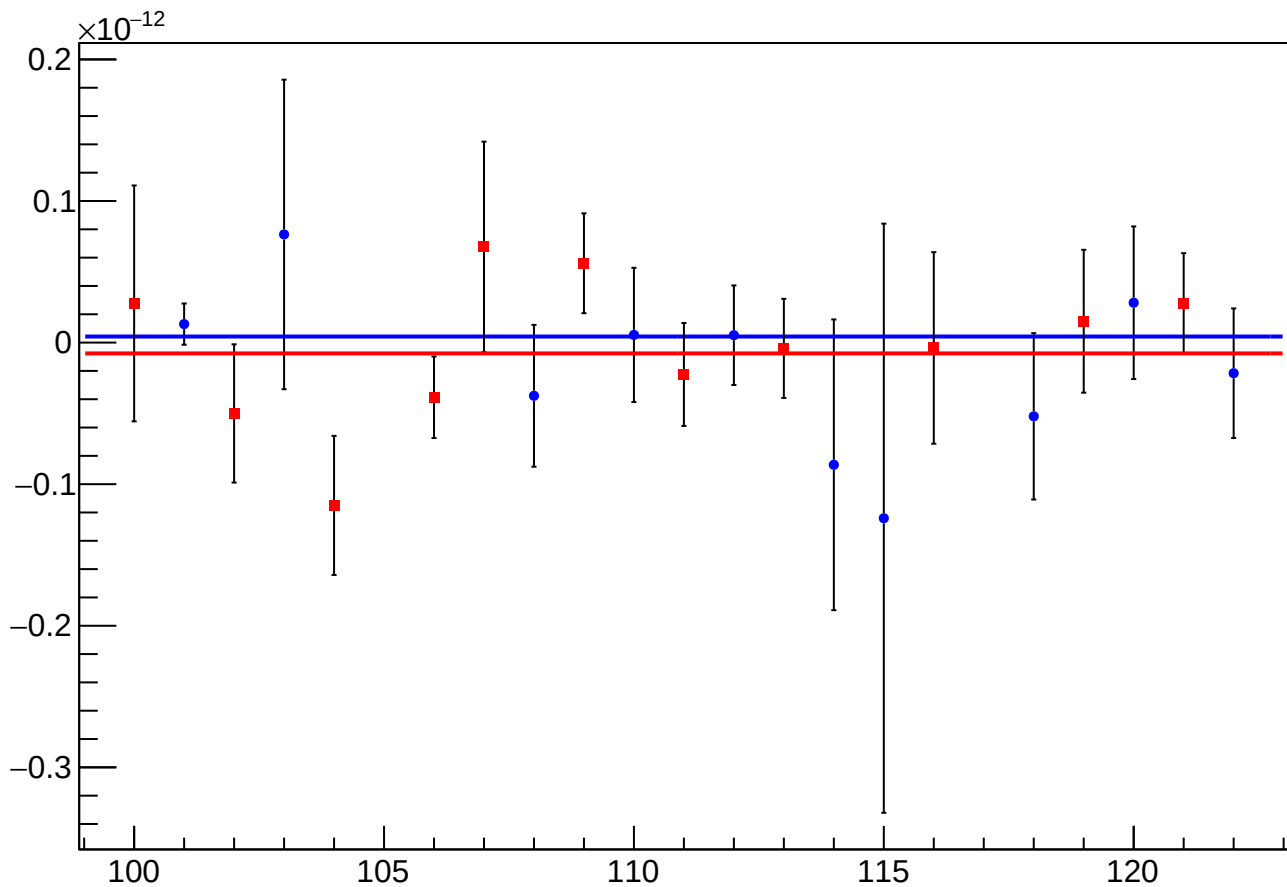
Right: 44.396+/-0.014 χ^2/NDF : 3703647.8/20

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

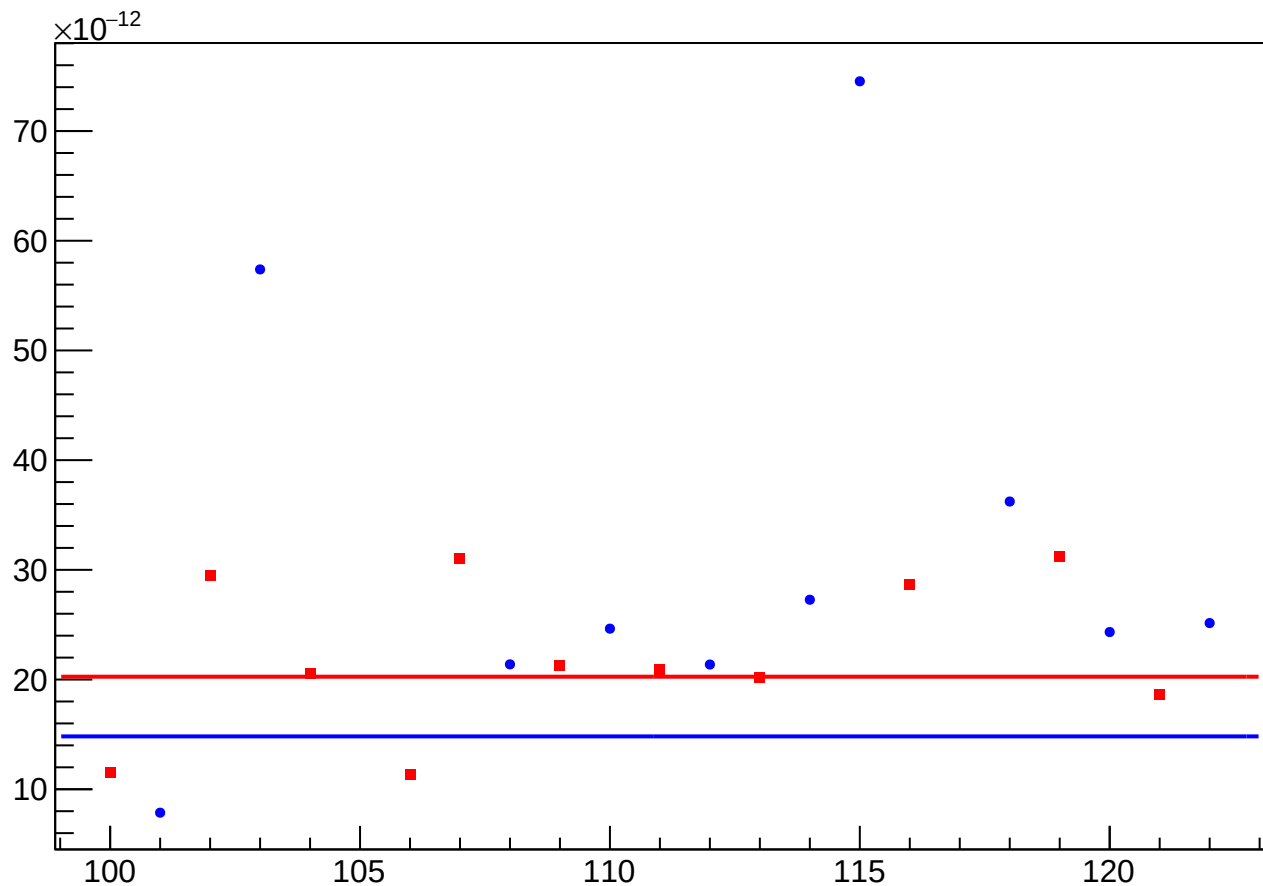
Right: -0.000+/-0.000 χ^2/NDF : 17.1/20

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

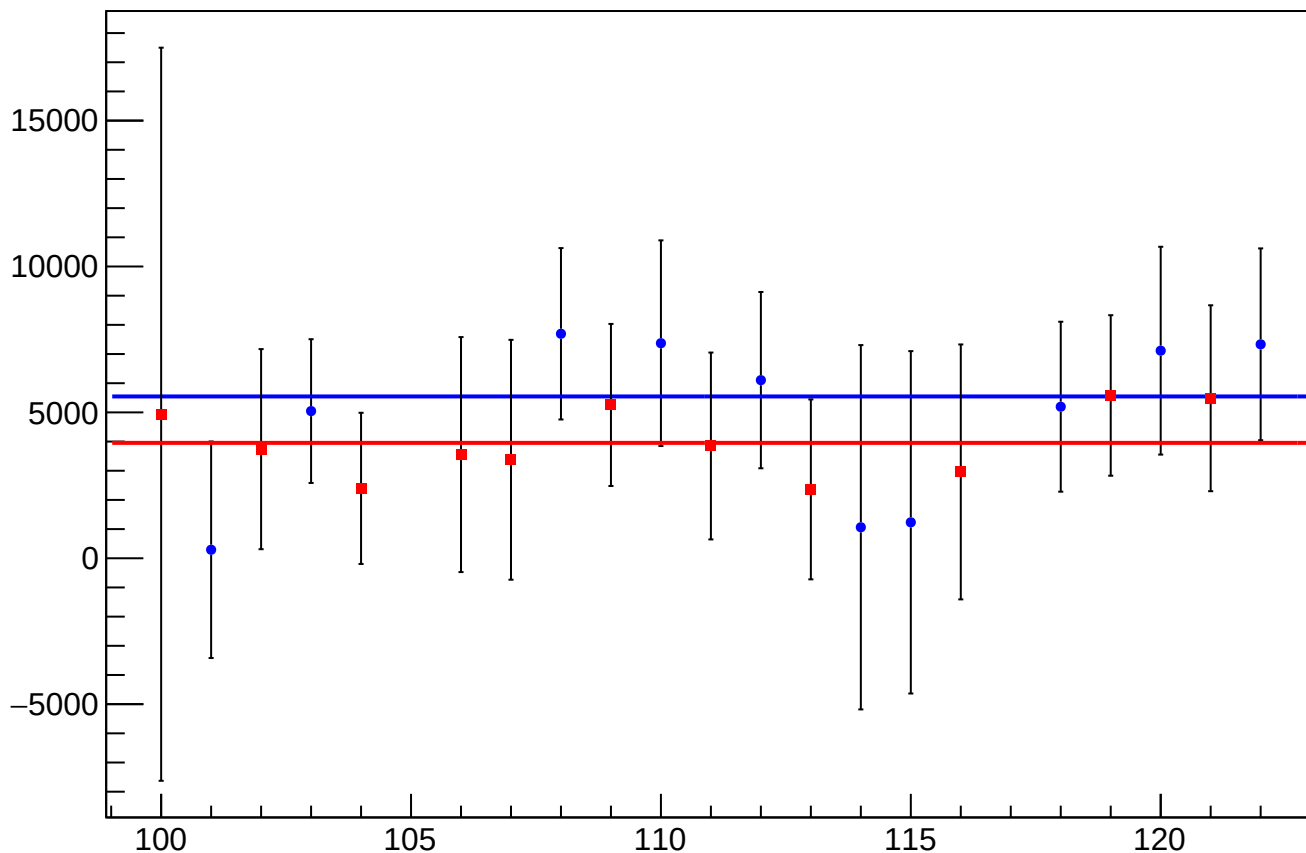
Right: 0.000+/-0.000 χ^2/NDF : 2234638.8/20

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

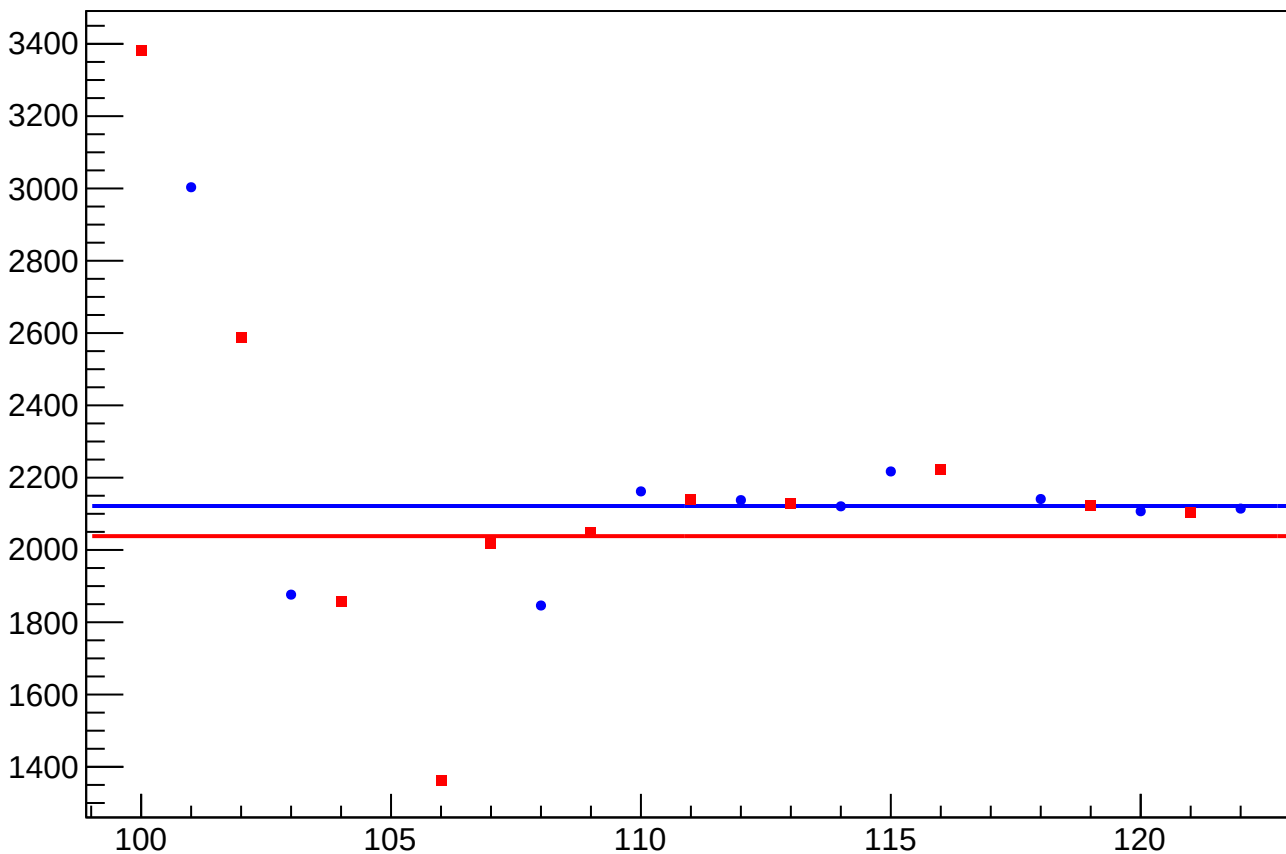
Right: 4712.740+/-732.455 χ^2/NDF : 7.1/20

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

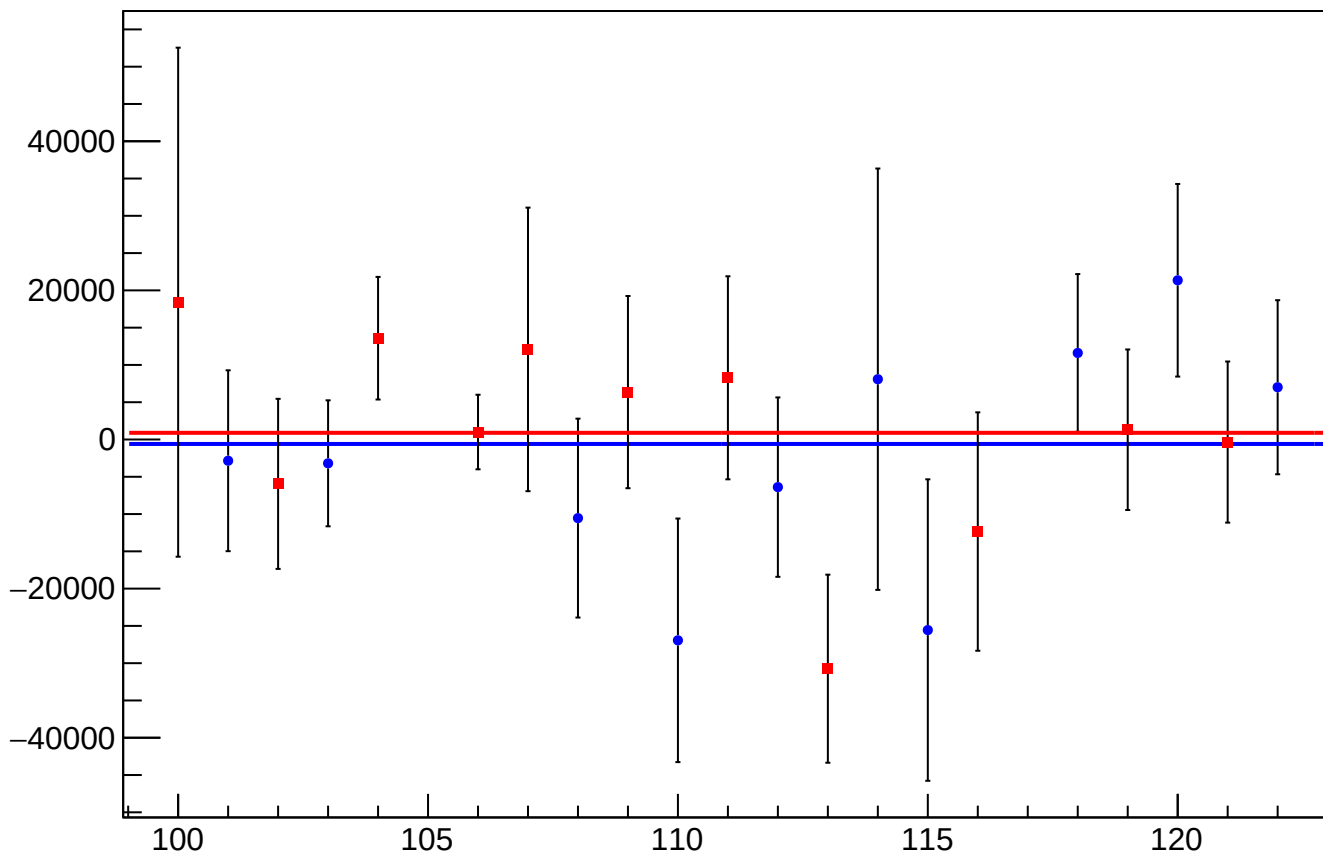
Right: 2076.875+/-0.511 χ^2/NDF : 353426.9/20

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

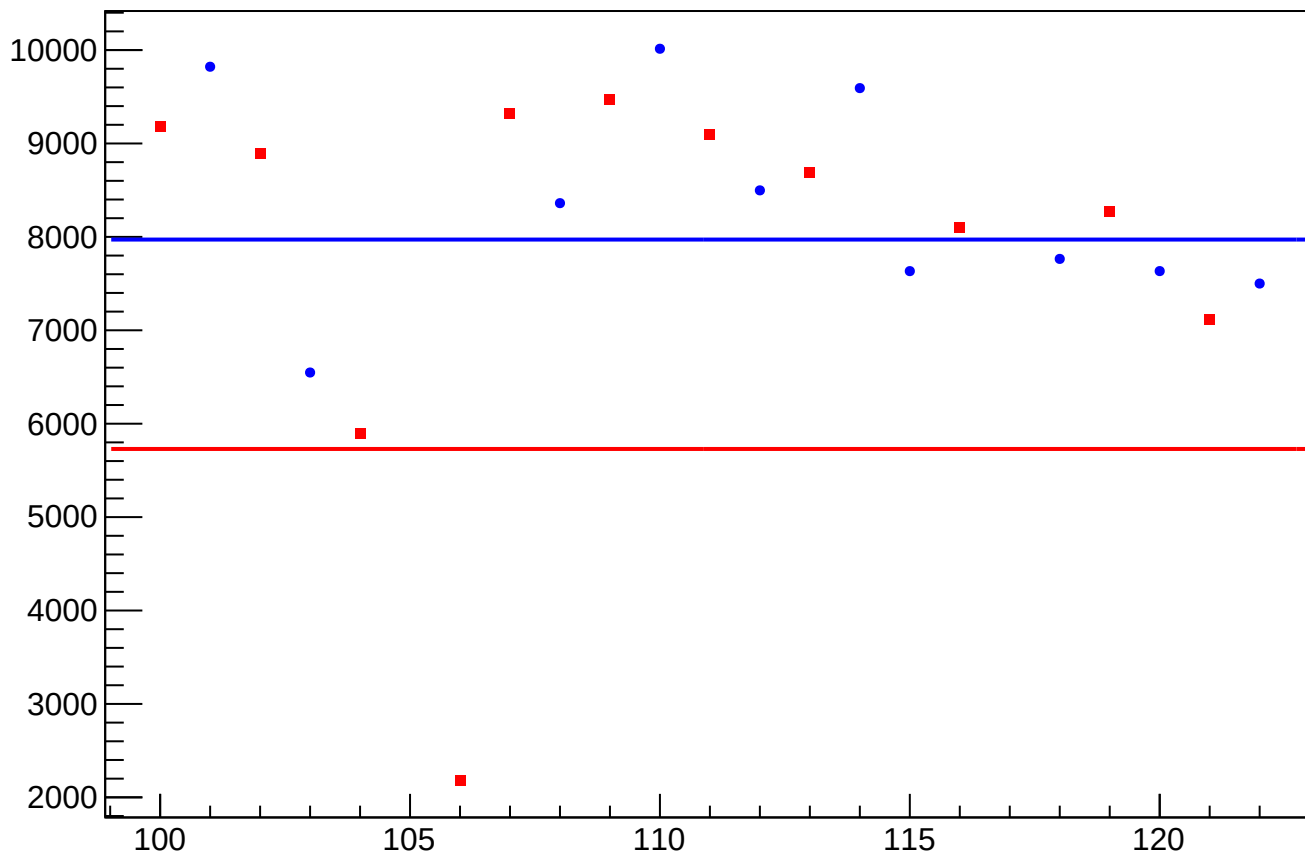
Right: 335.454 ± 2439.984 χ^2/NDF : 20.7/20

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

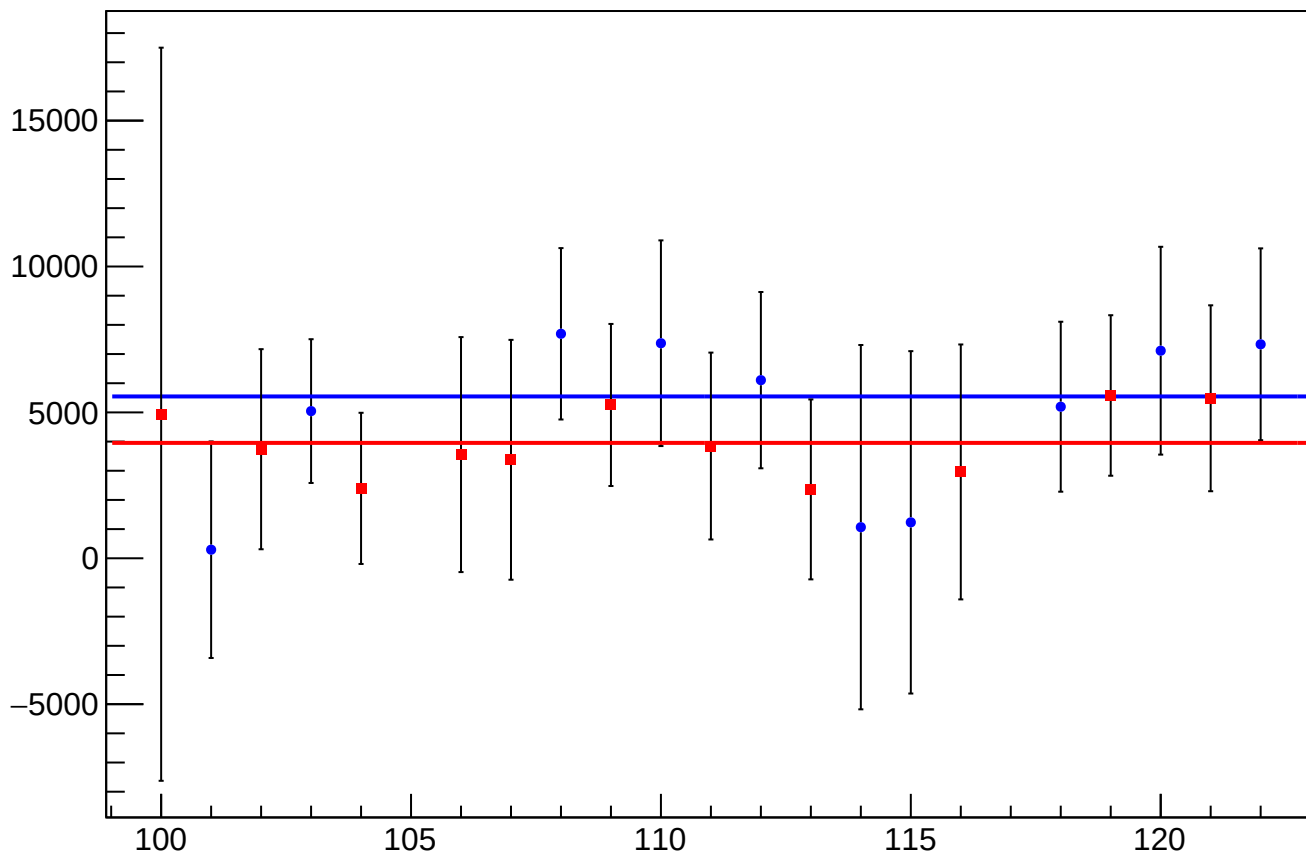
Right: 6571.114+/-1.725 χ^2/NDF : 2391478.5/20

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

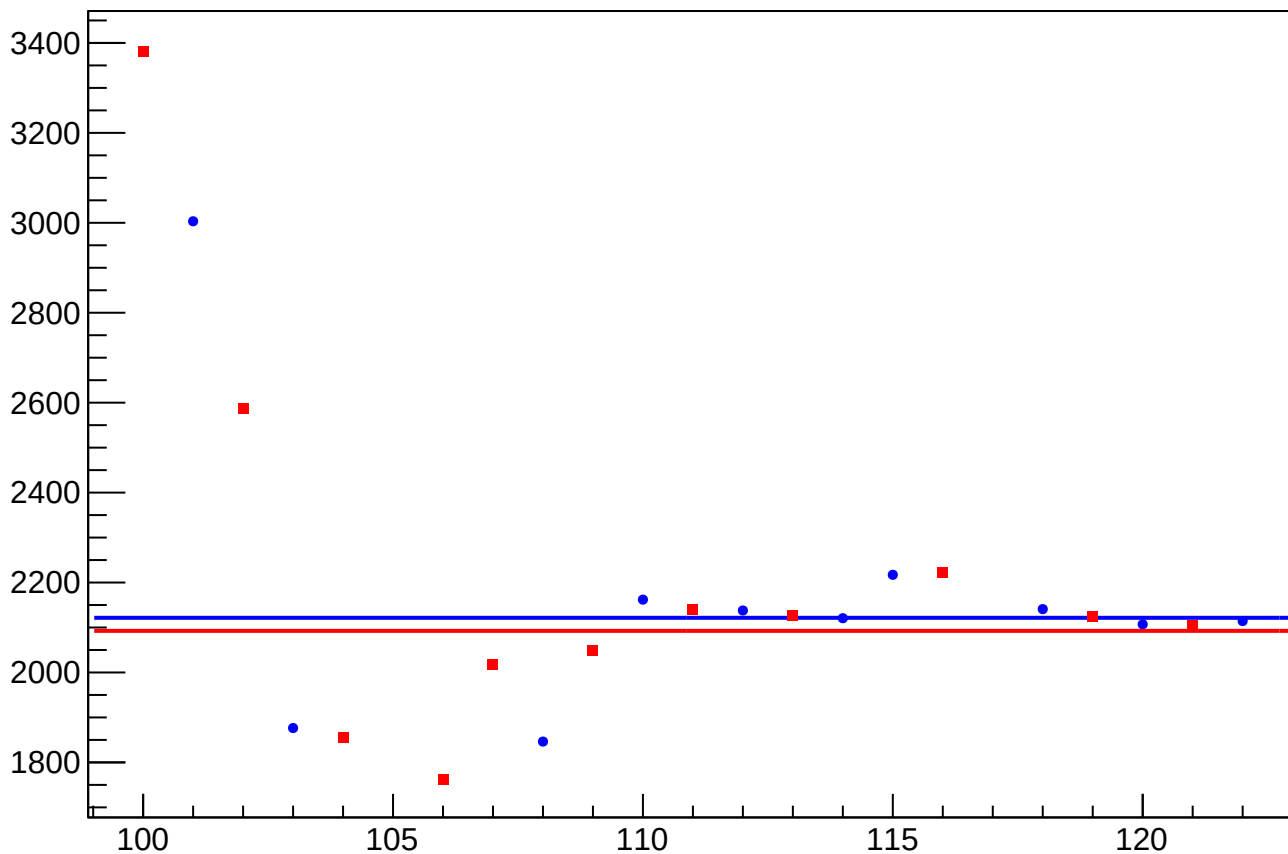
Right: 4712.754+/-732.455 χ^2/NDF : 7.1/20

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

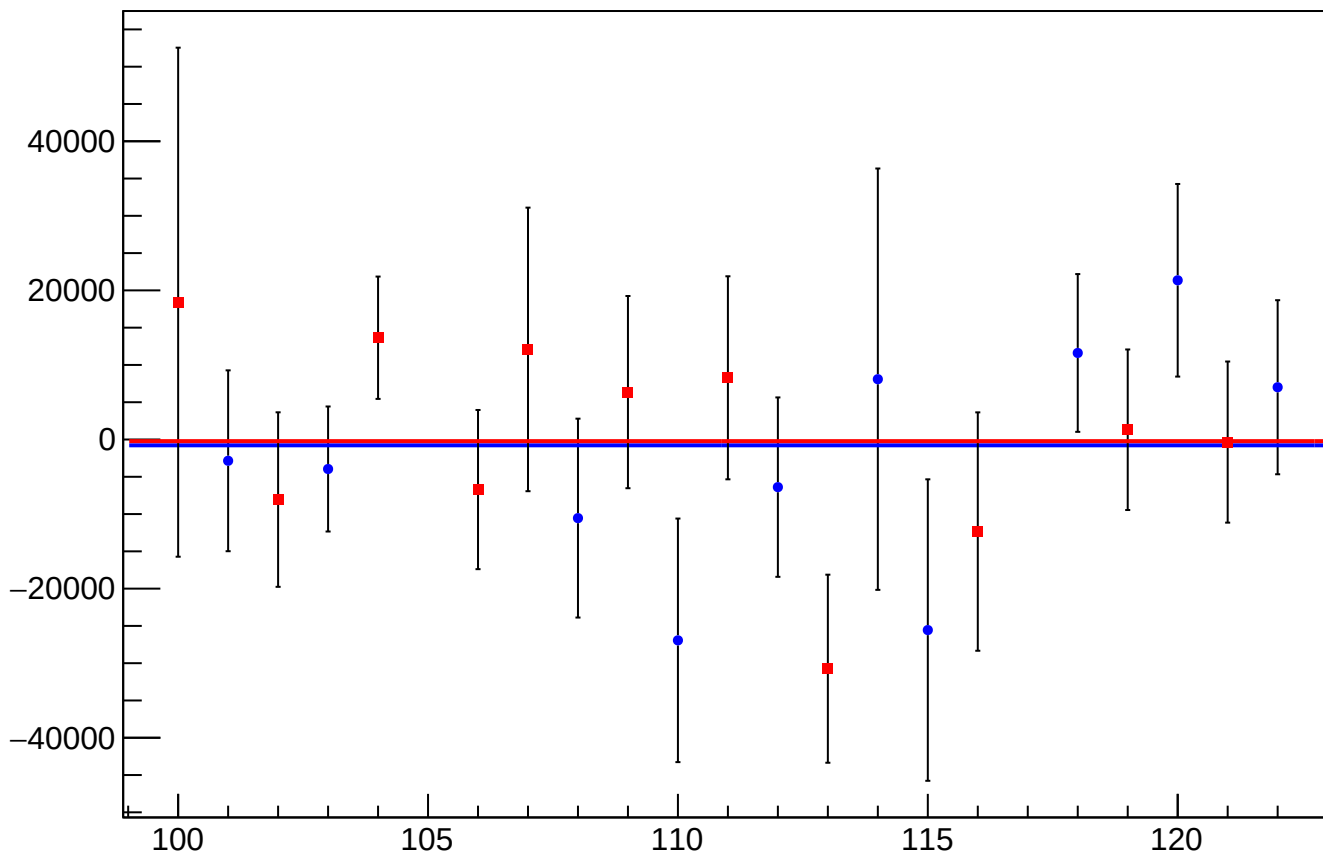
Right: 2106.250+/-0.516 χ^2/NDF : 252110.3/20

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

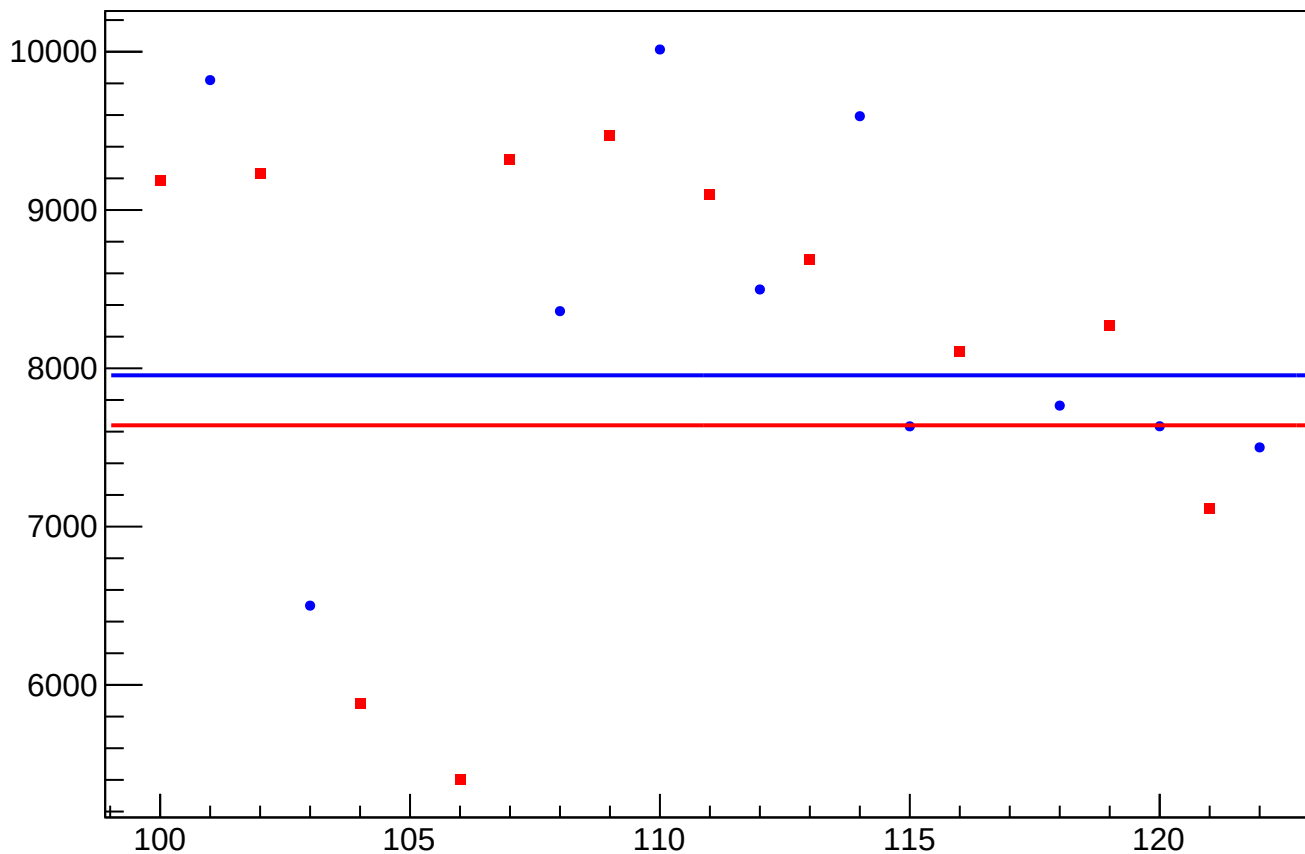
Right: -478.511+/-2705.263 χ^2/NDF : 21.3/20

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

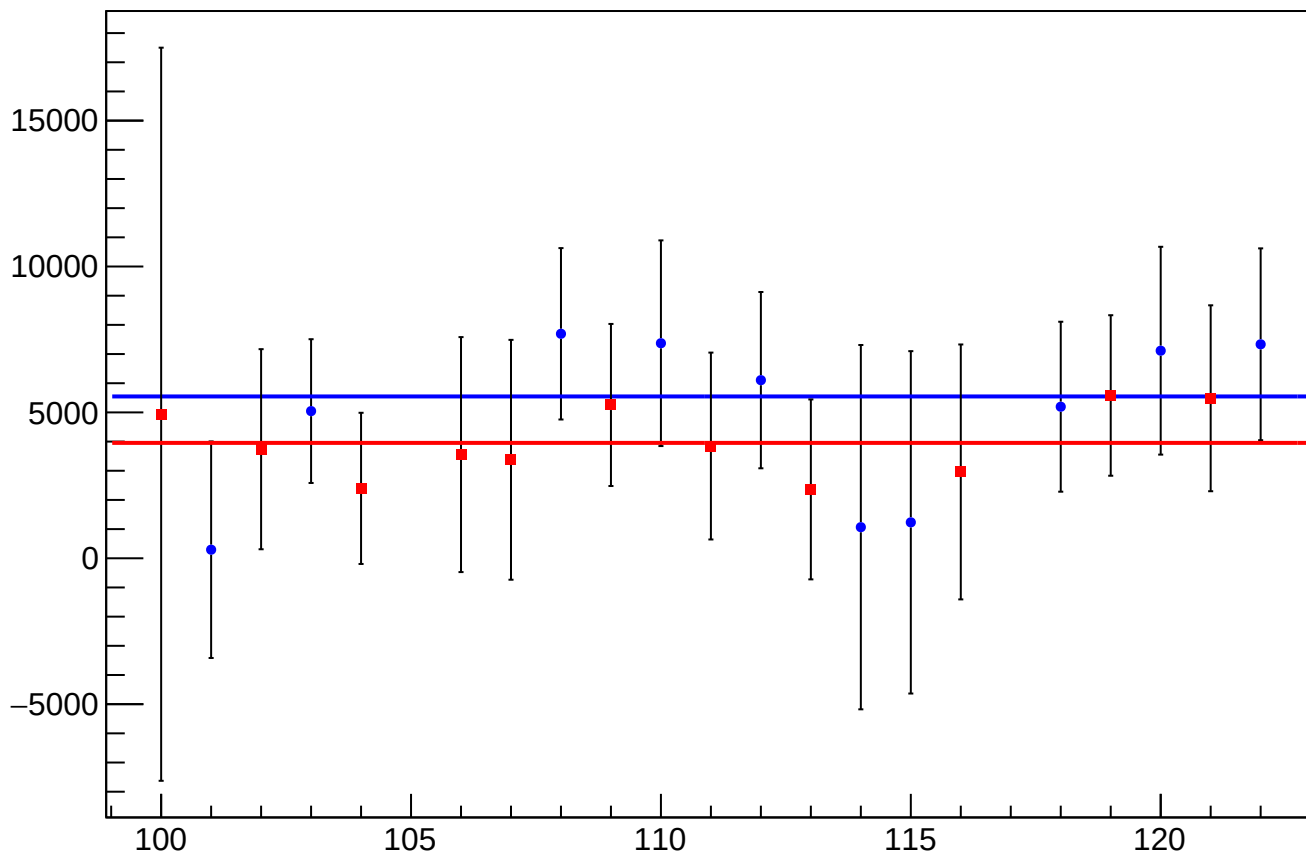
Right: 7786.197+/-1.913 χ^2/NDF : 491177.1/20

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

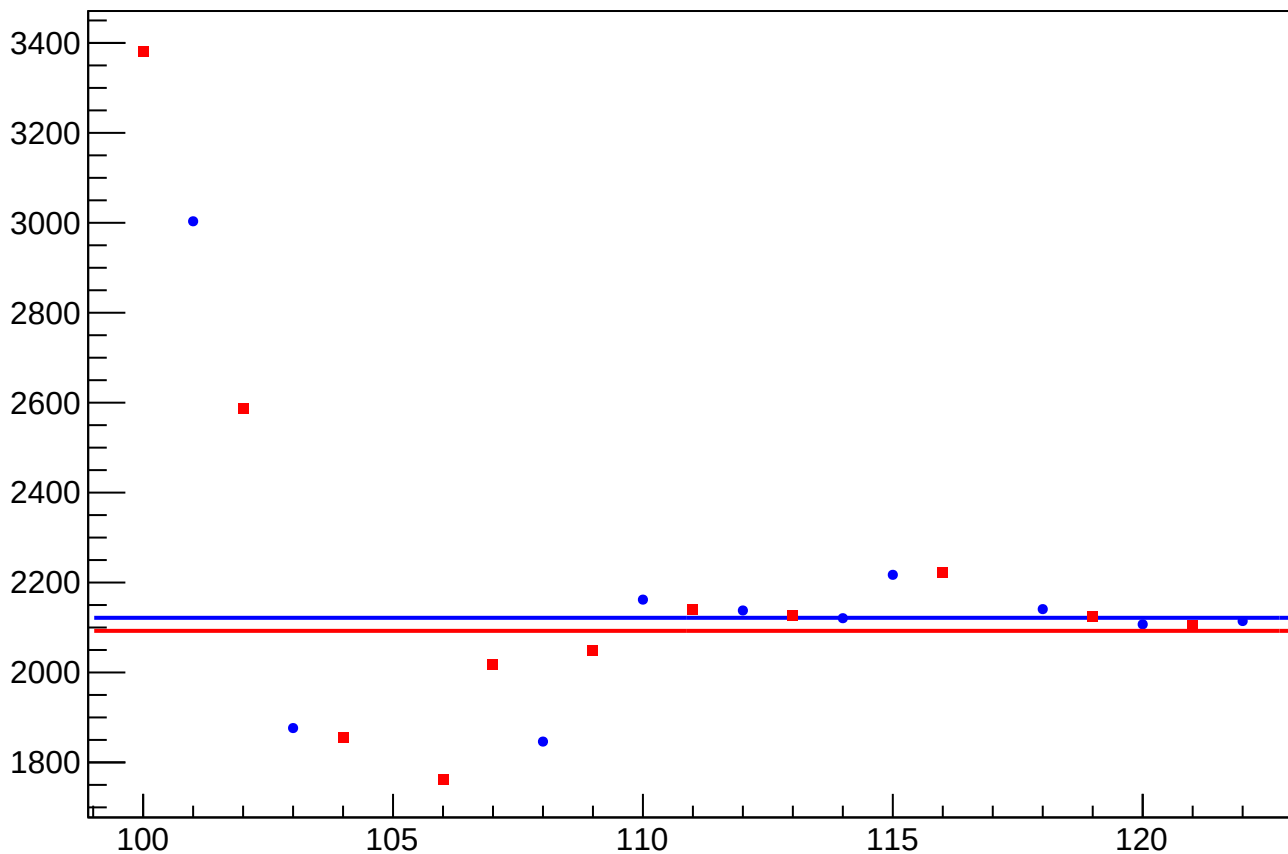
Right: 4712.754+/-732.455 χ^2/NDF : 7.1/20

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

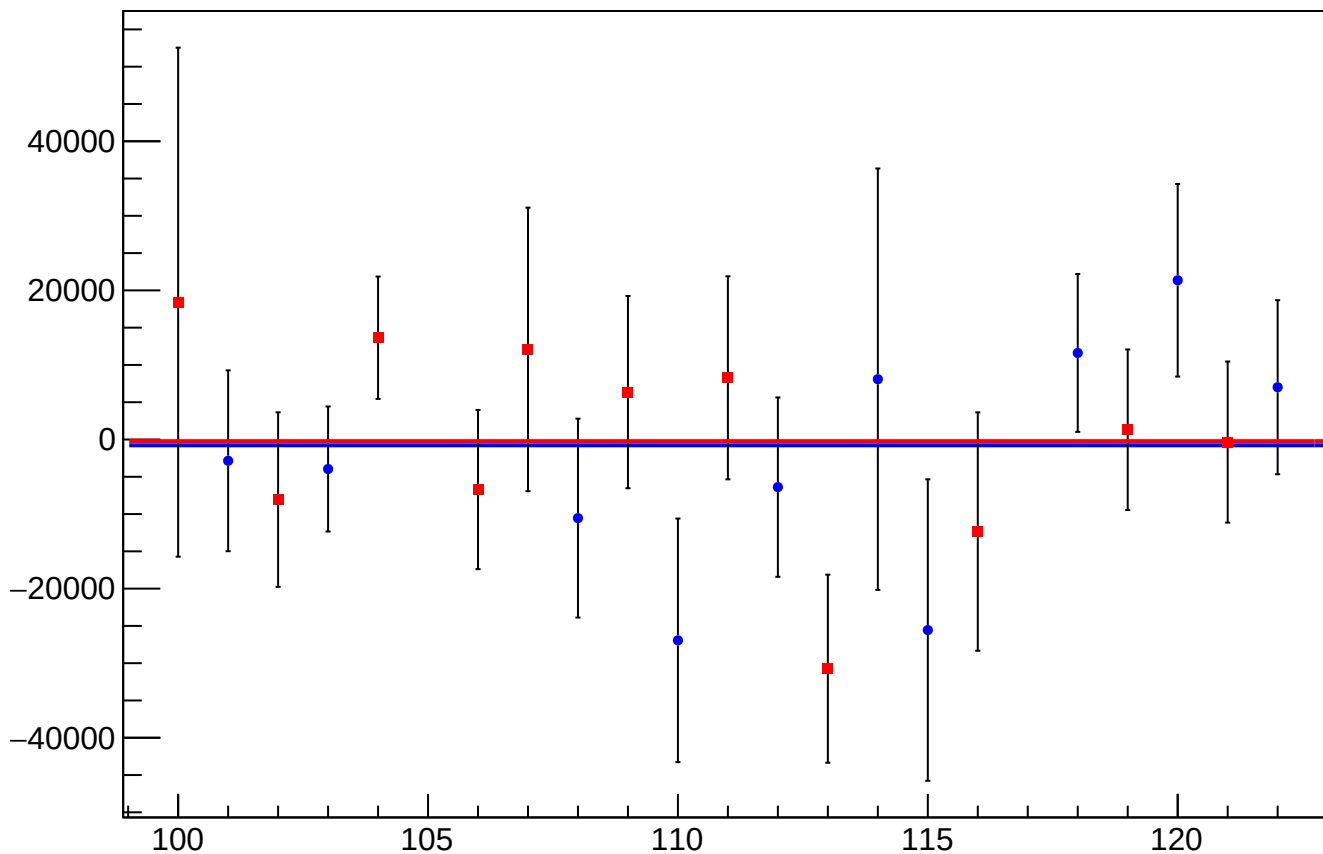
Right: 2106.250+/-0.516 χ^2/NDF : 252110.3/20

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

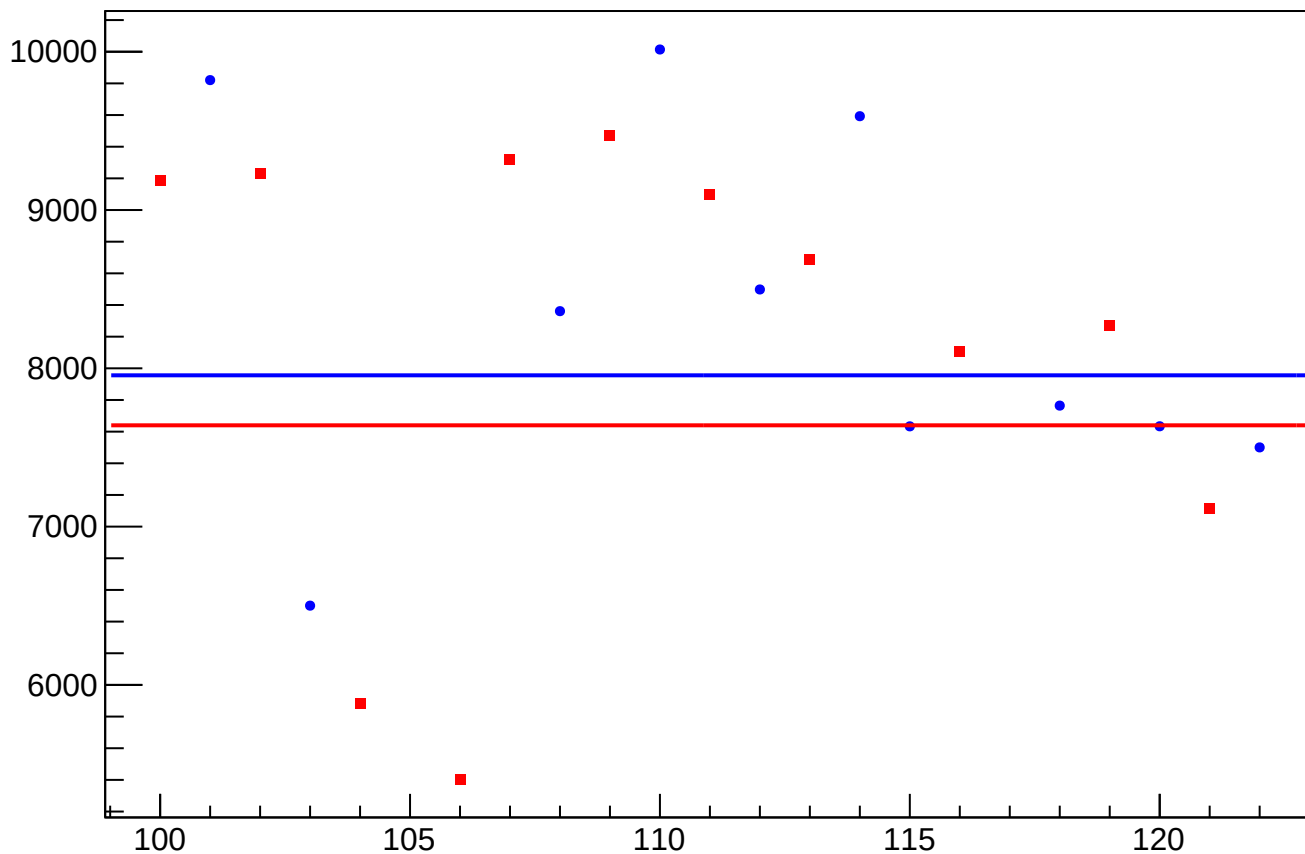
Right: -478.511+/-2705.263 χ^2/NDF : 21.3/20

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

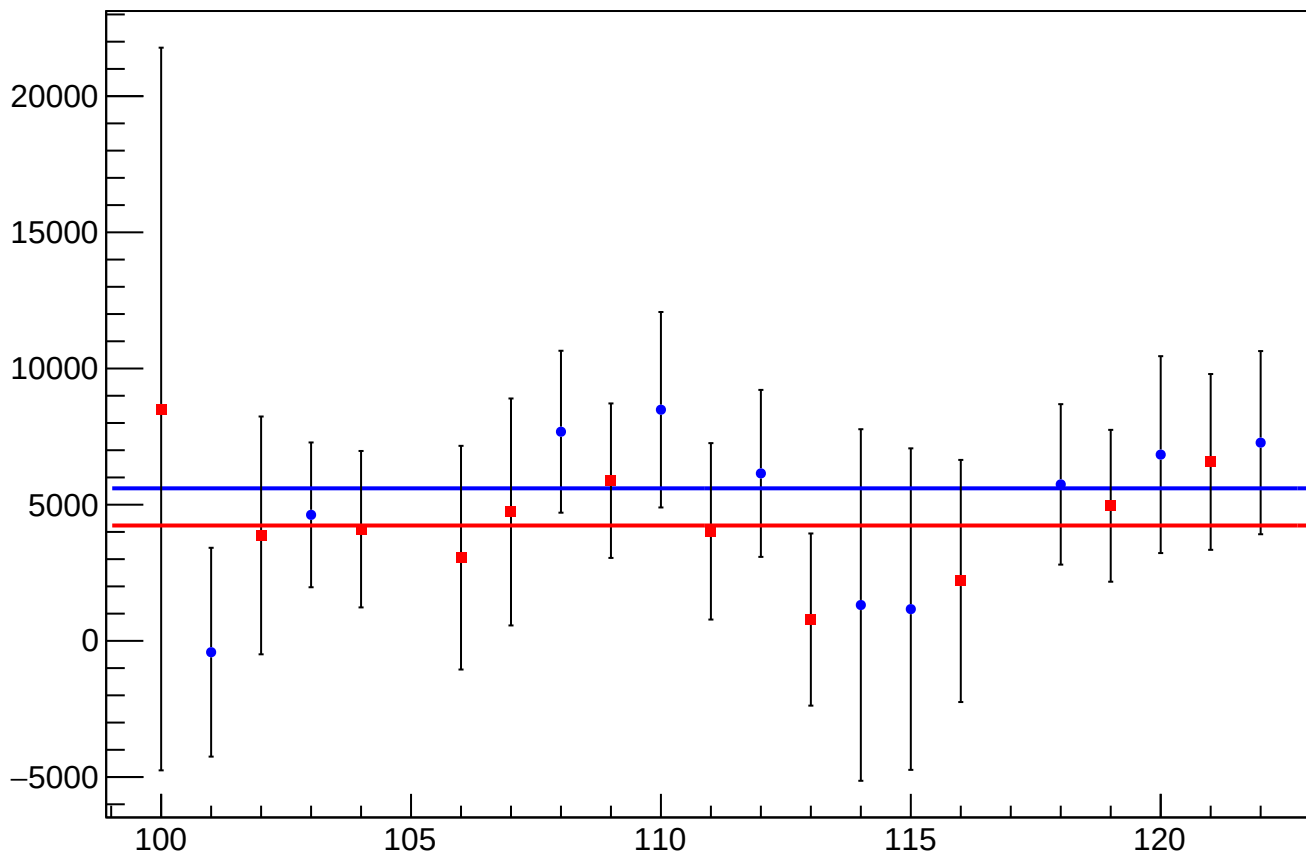
Right: 7786.197+/-1.913 χ^2/NDF : 491177.1/20

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

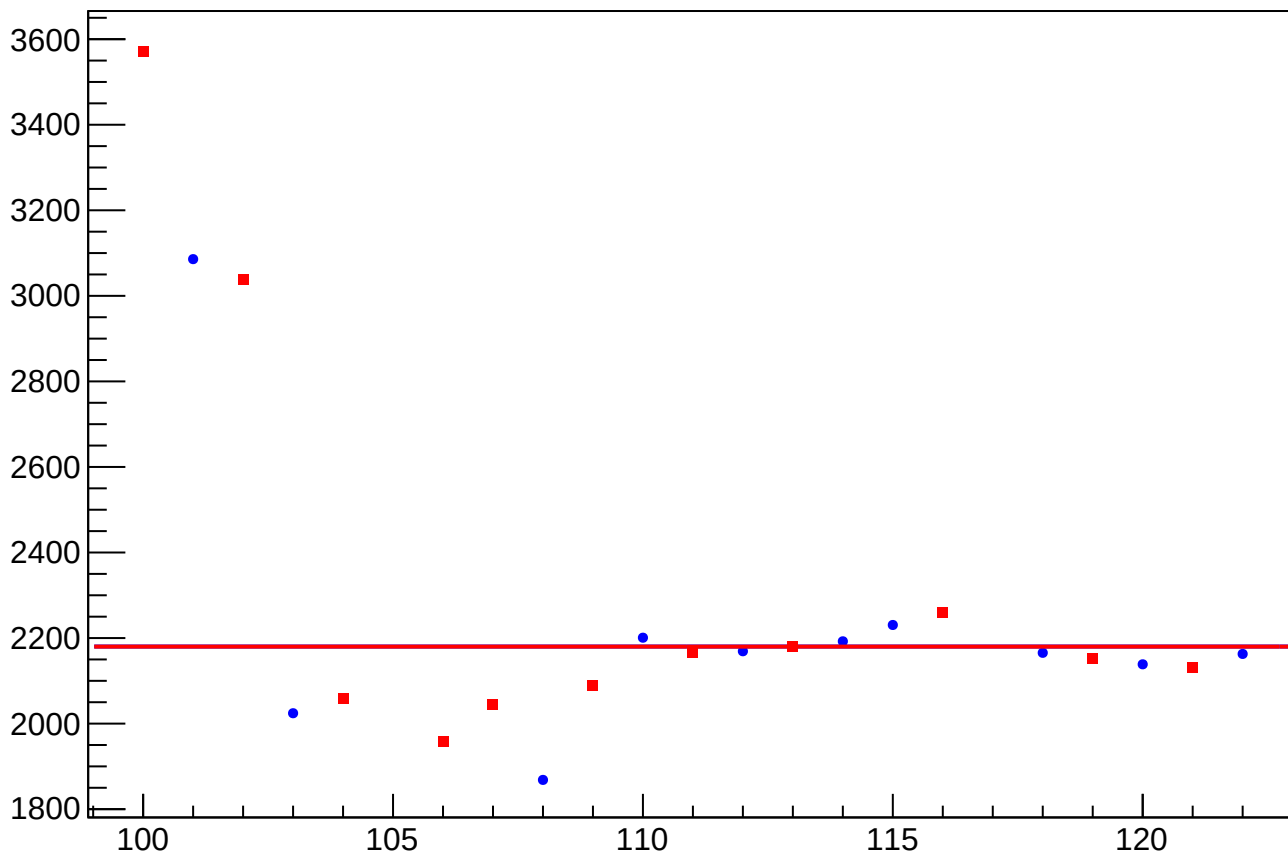
Right: 4897.906+/-760.057 χ^2/NDF : 8.5/20

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

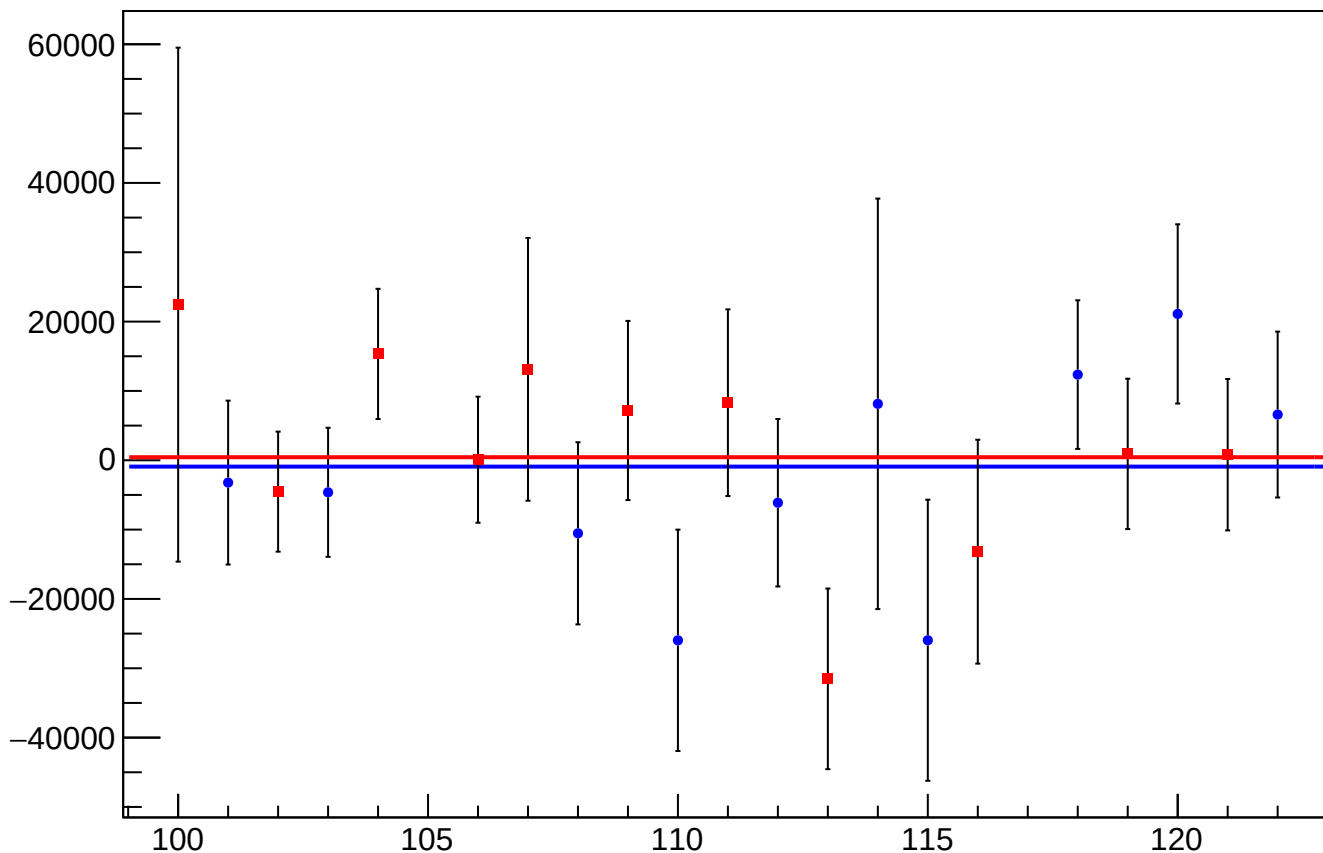
Right: 2180.104+/-0.537 χ^2/NDF : 255633.7/20

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

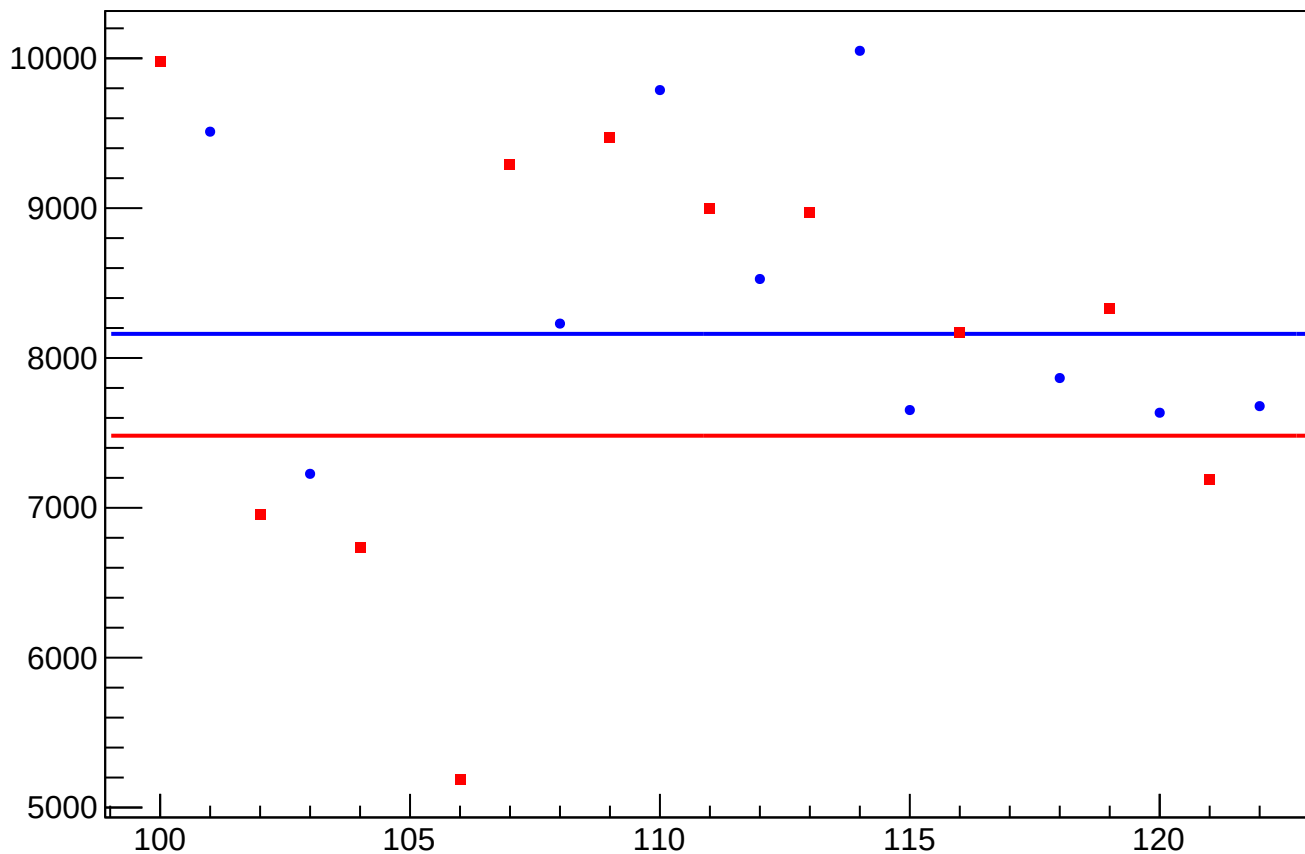
Right: -150.119+/-2682.554 χ^2/NDF : 20.9/20

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

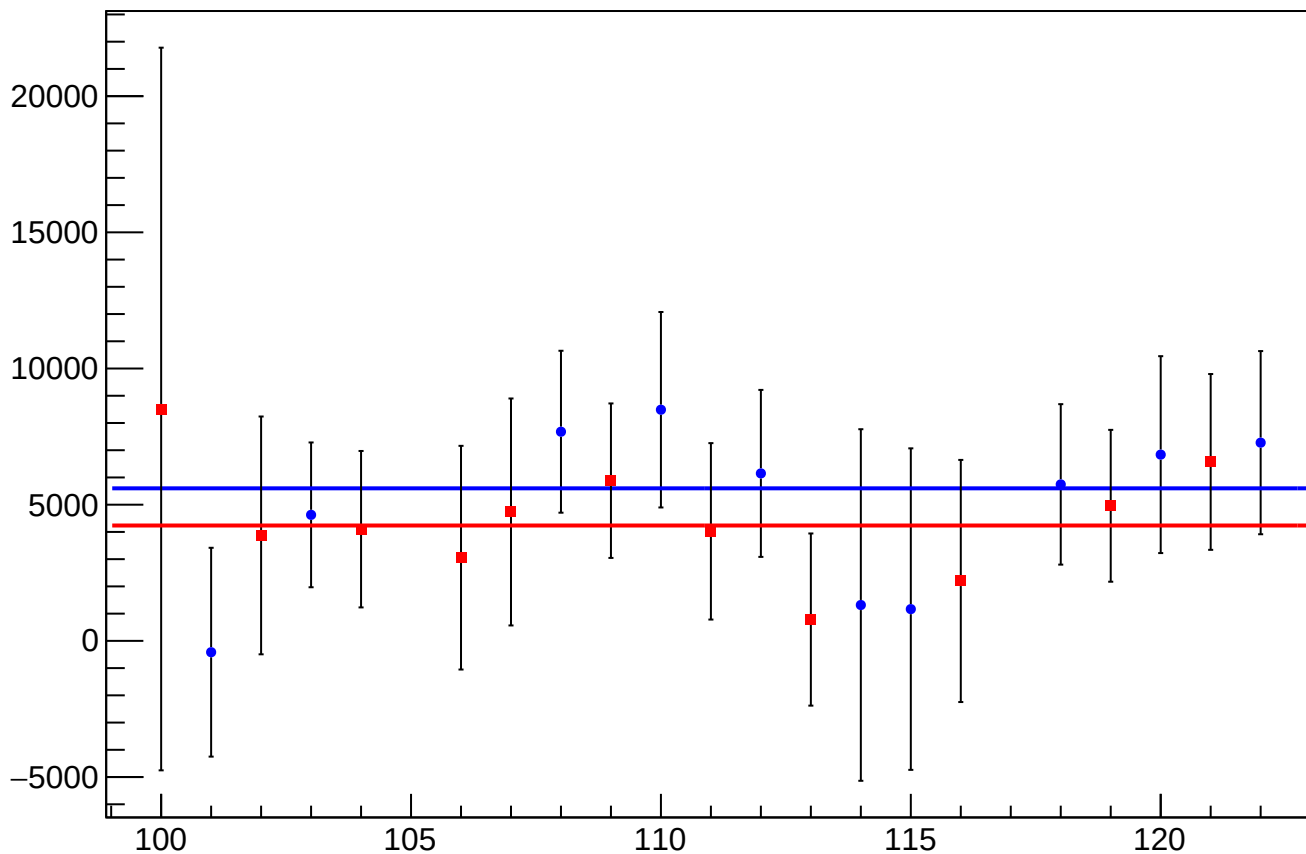
Right: 7777.372+/-1.897 χ^2/NDF : 409096.6/20

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

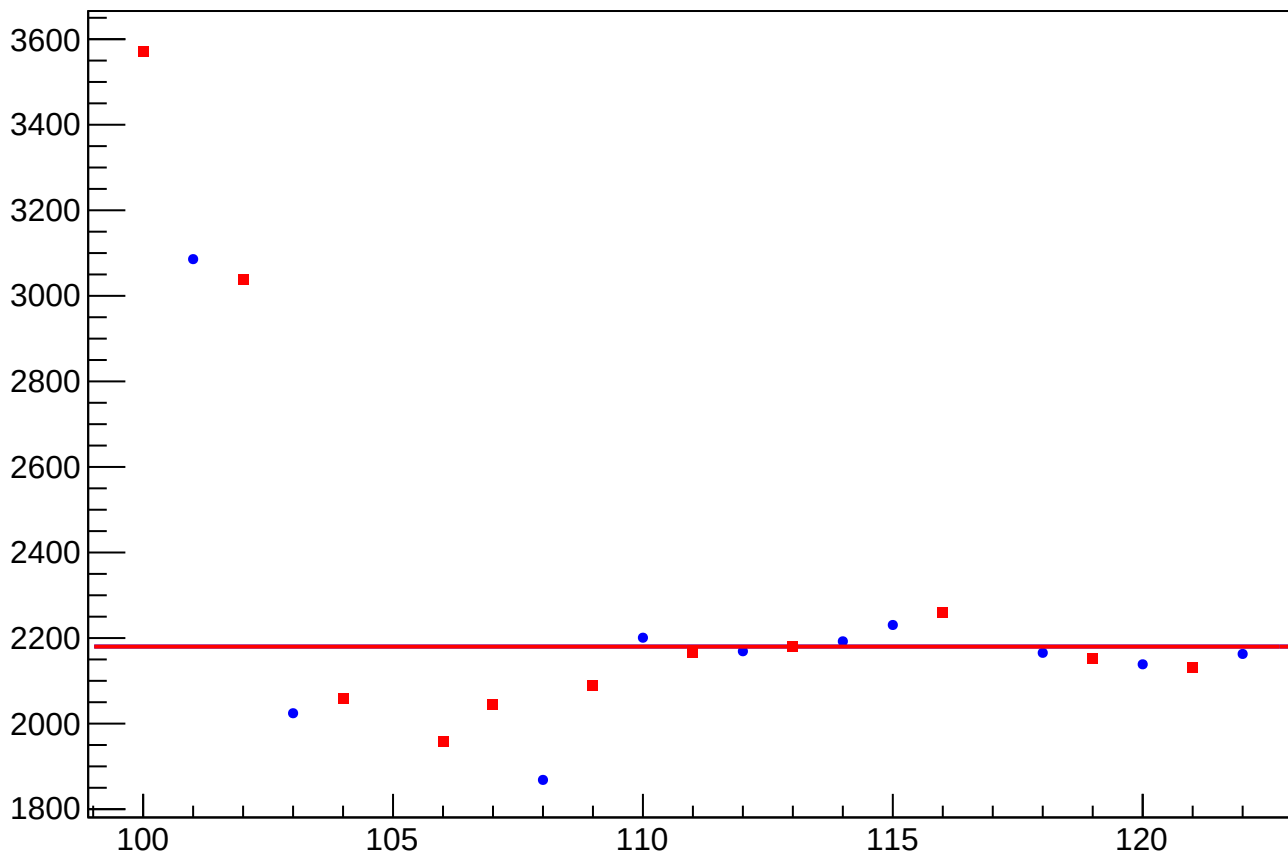
Right: 4897.906+/-760.056 χ^2/NDF : 8.5/20

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

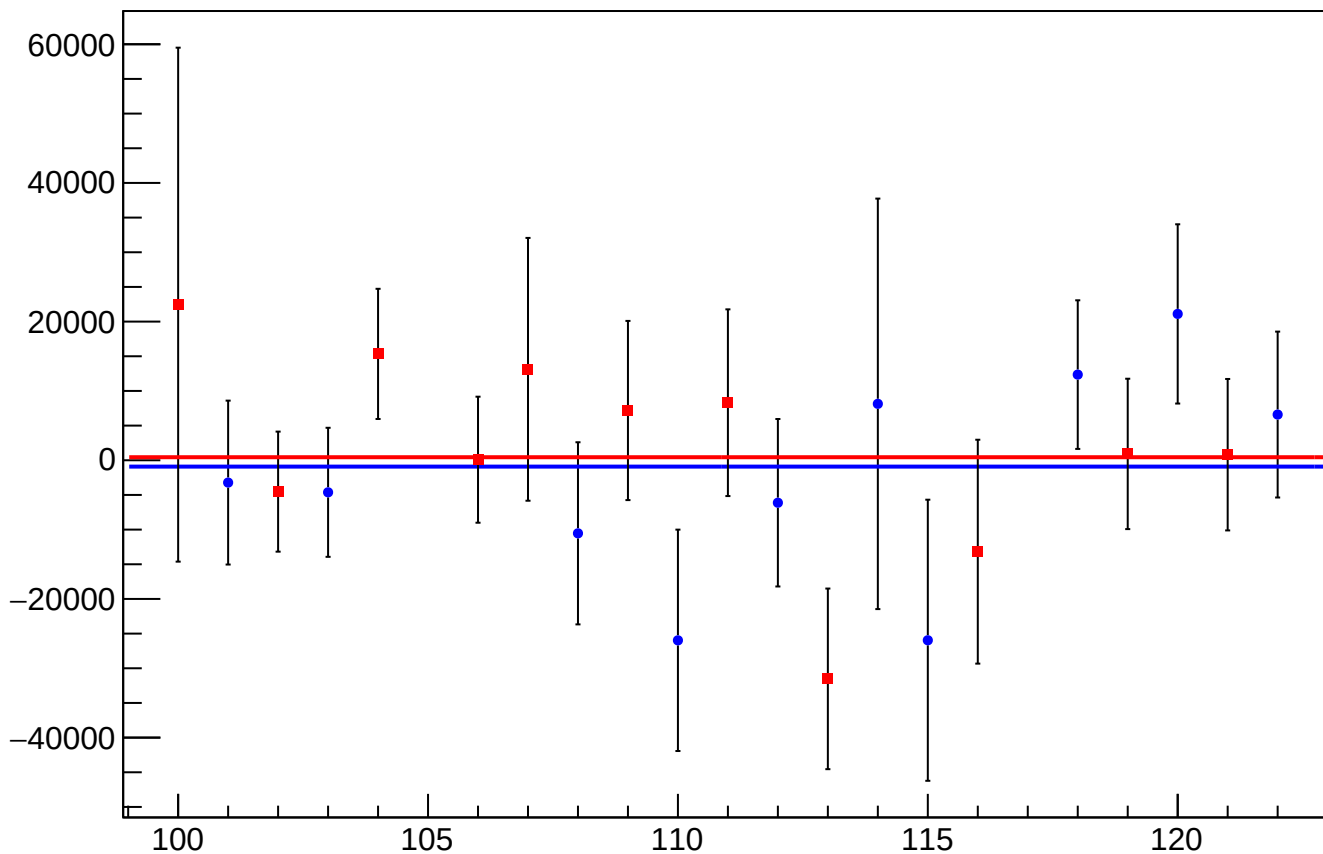
Right: 2180.103+/-0.537 χ^2/NDF : 255633.5/20

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

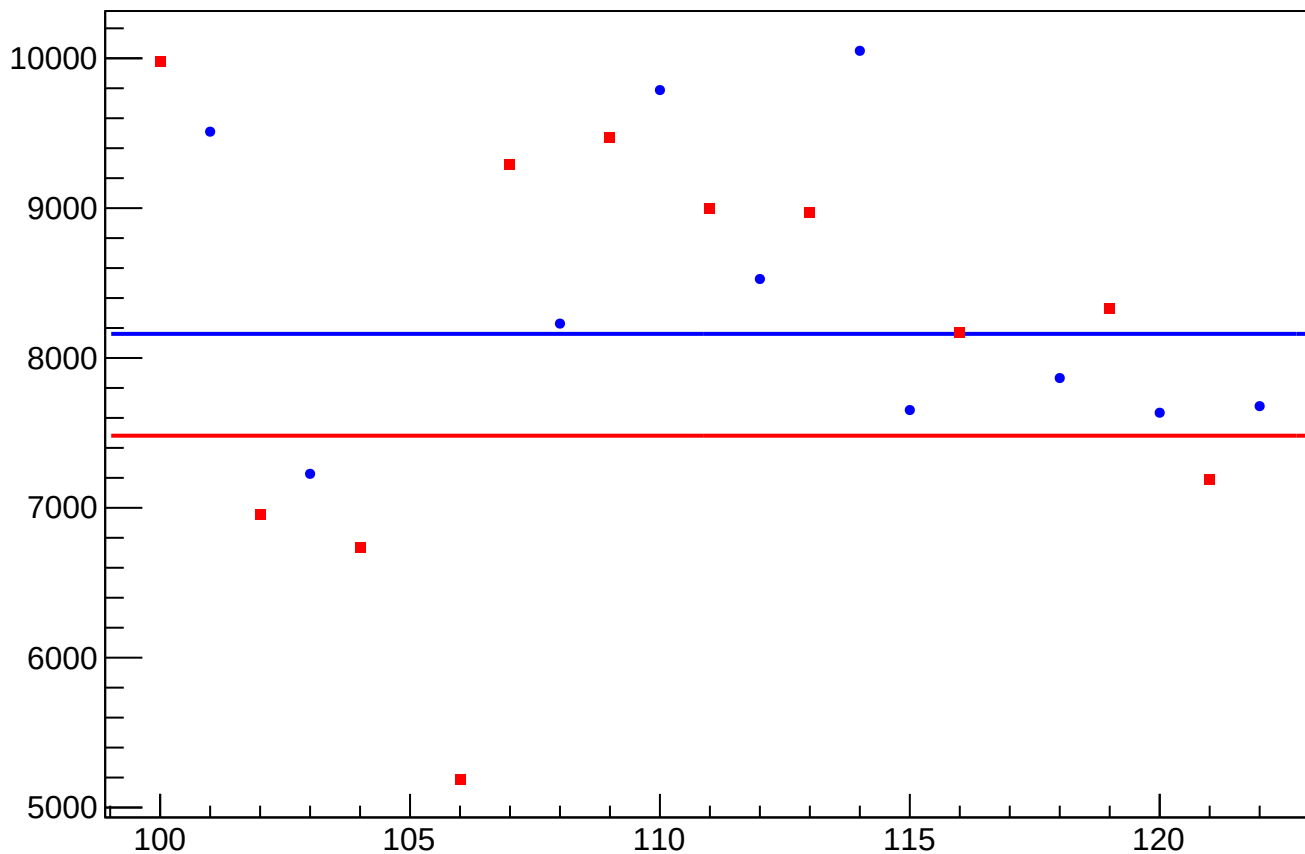
Right: -150.109+/-2682.548 χ^2/NDF : 20.9/20

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

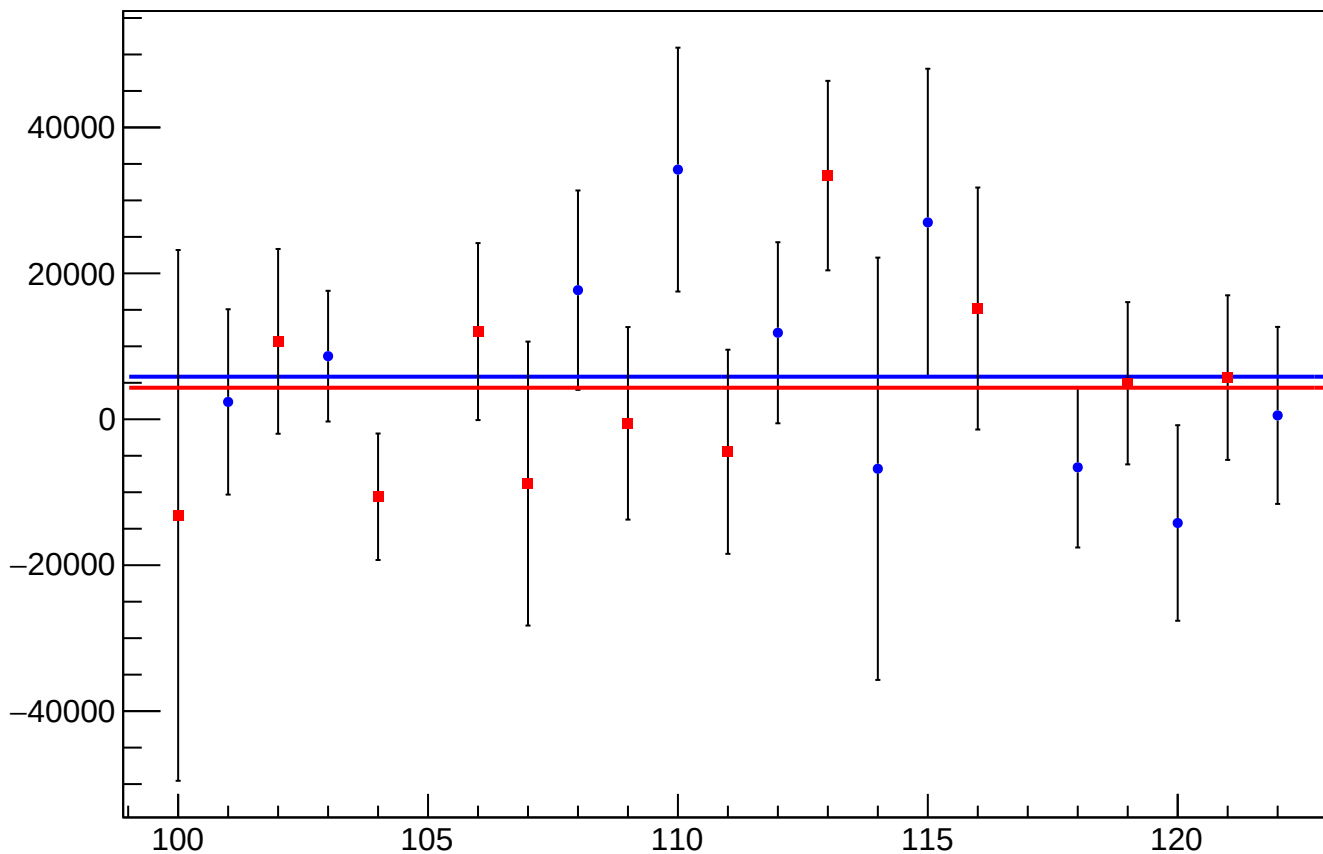
Right: 7777.352+/-1.897 χ^2/NDF : 409094.9/20

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

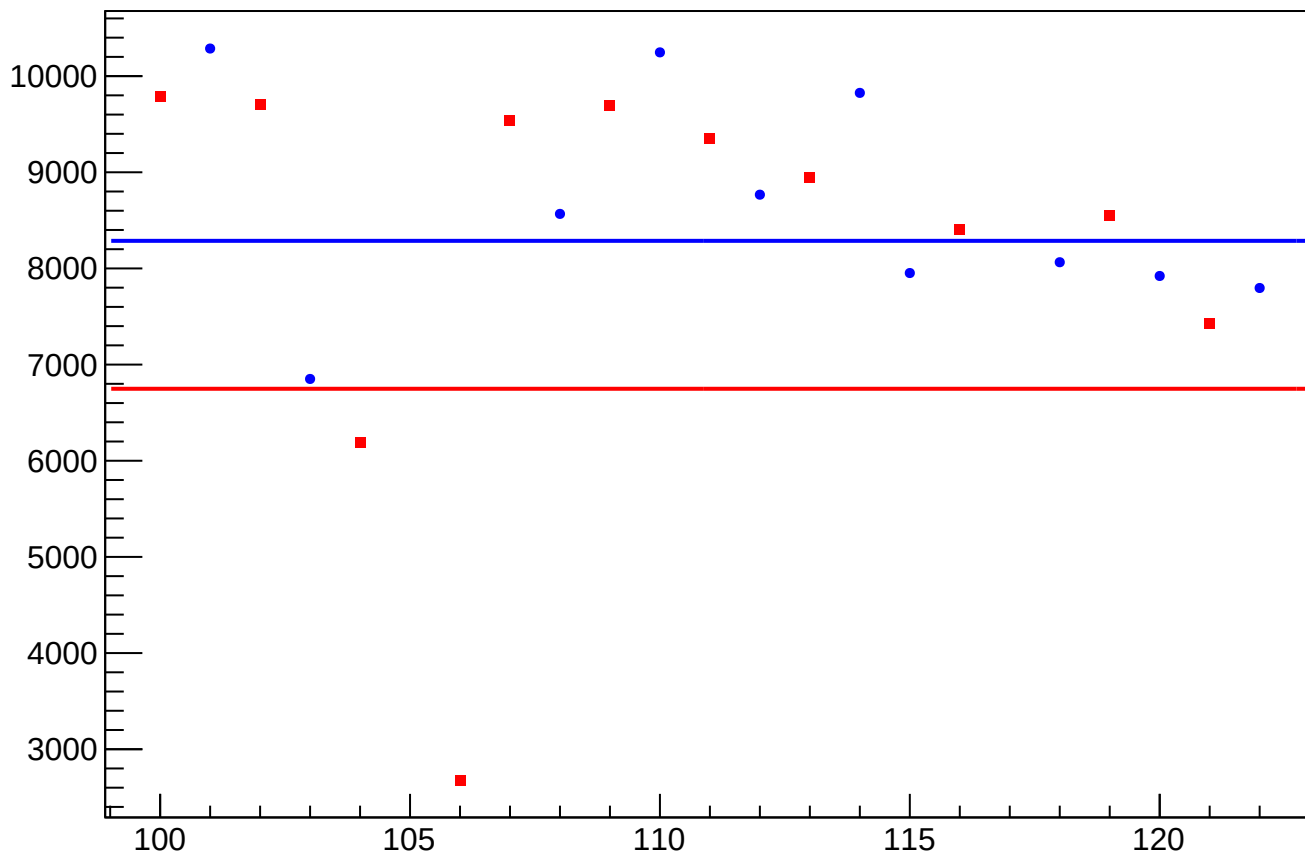
Right: 5032.352+/-2836.401 χ^2/NDF : 19.3/20

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

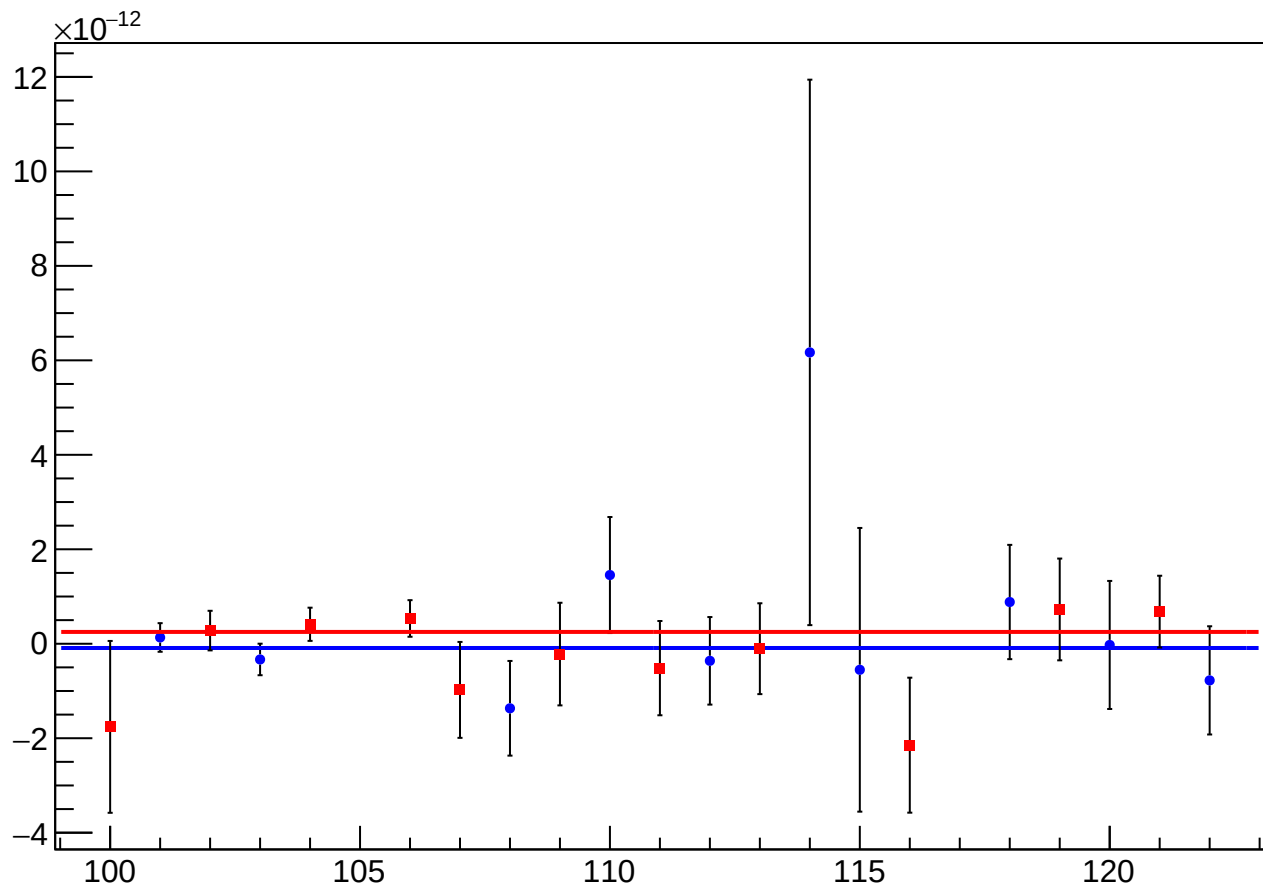
Right: 7389.994+/-1.893 χ^2/NDF : 1515565.3/20

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

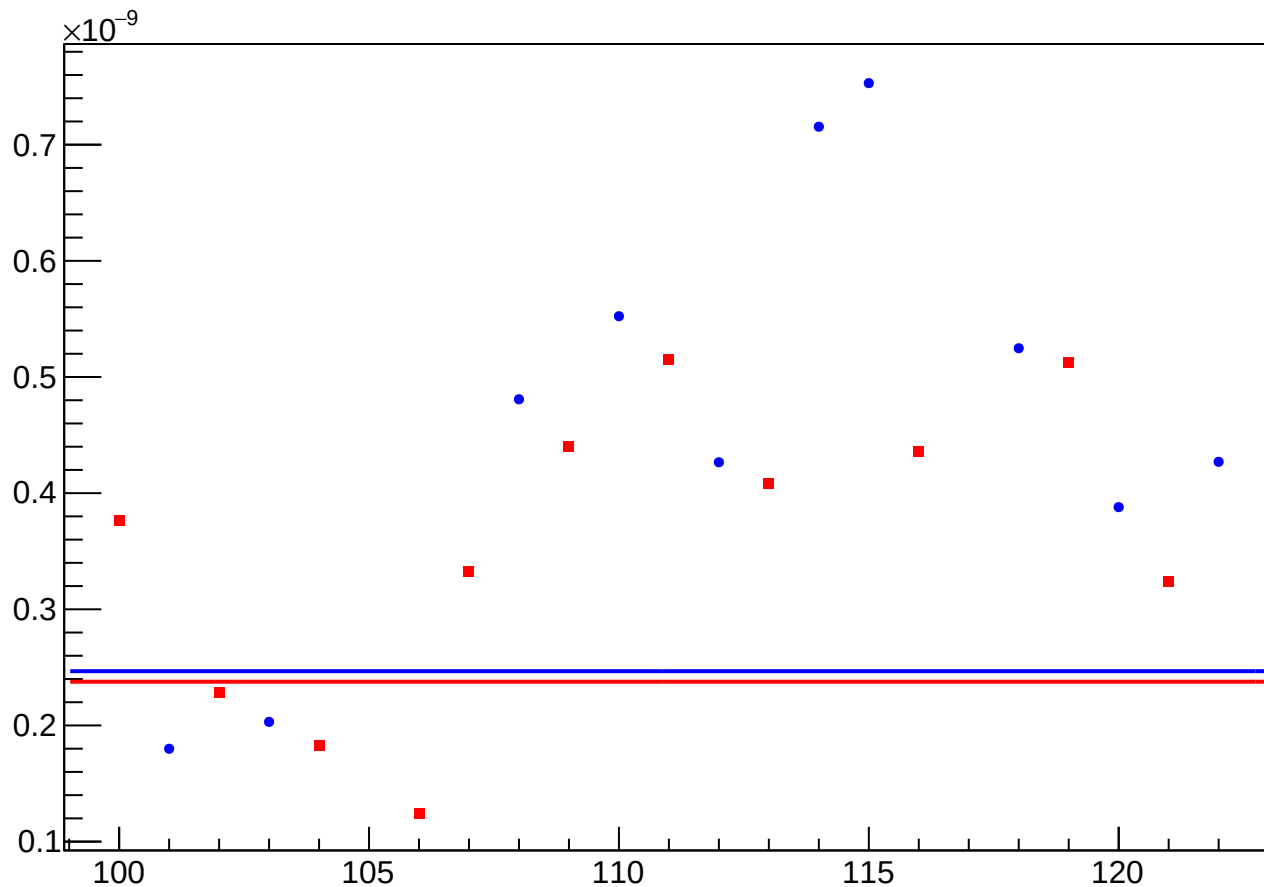
Right: 0.000 +/- 0.000 χ^2/NDF : 15.8/20

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

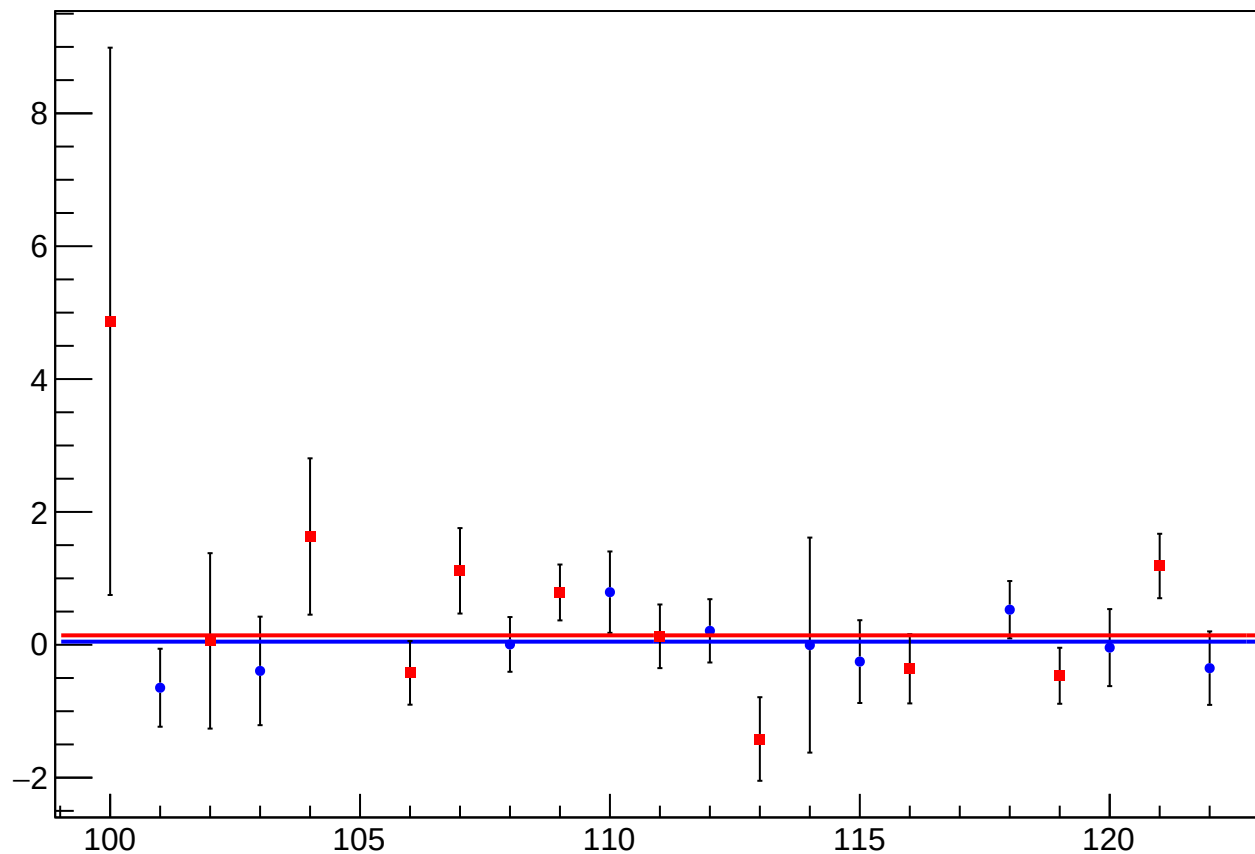
Right: 0.000+/-0.000 χ^2/NDF : 1420513.8/20

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

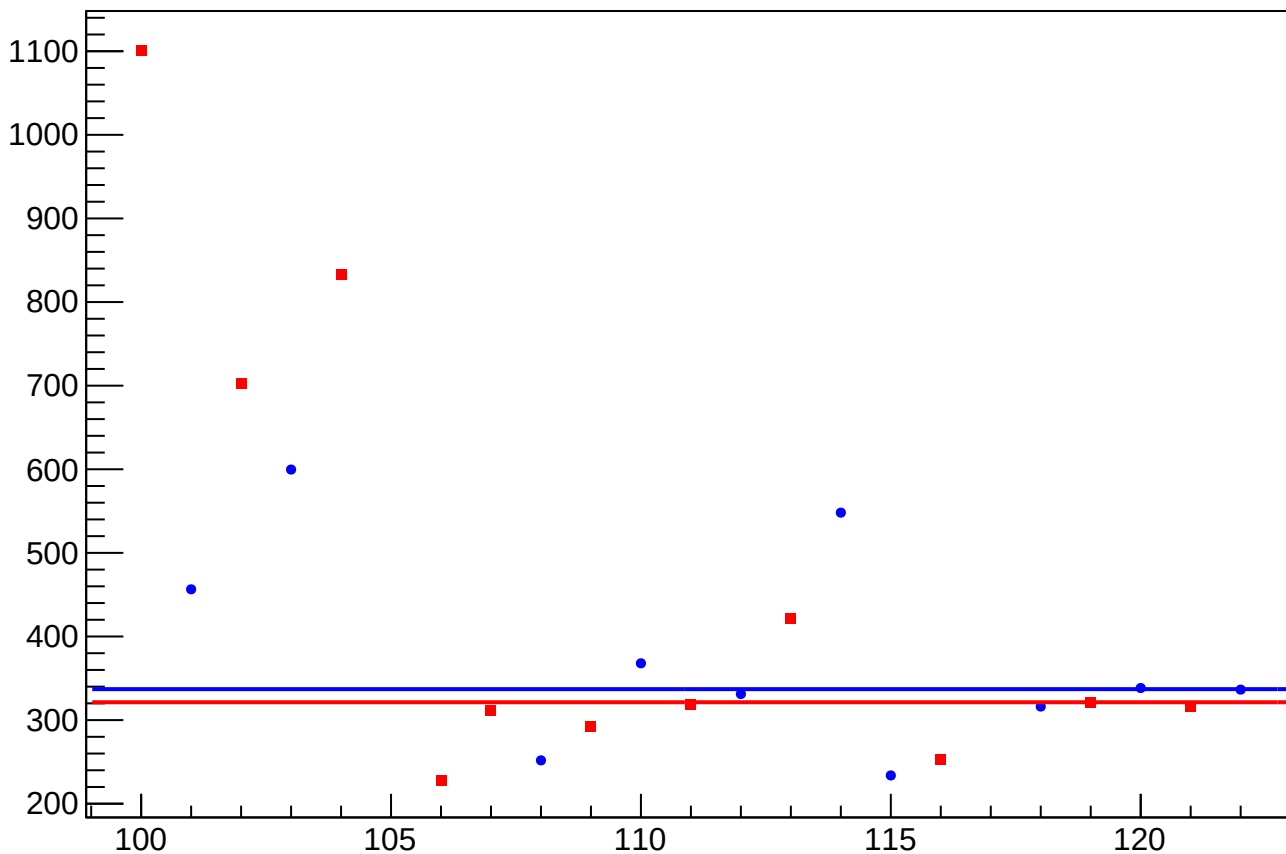
Right: 0.096+/-0.123 χ^2/NDF : 28.2/20

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

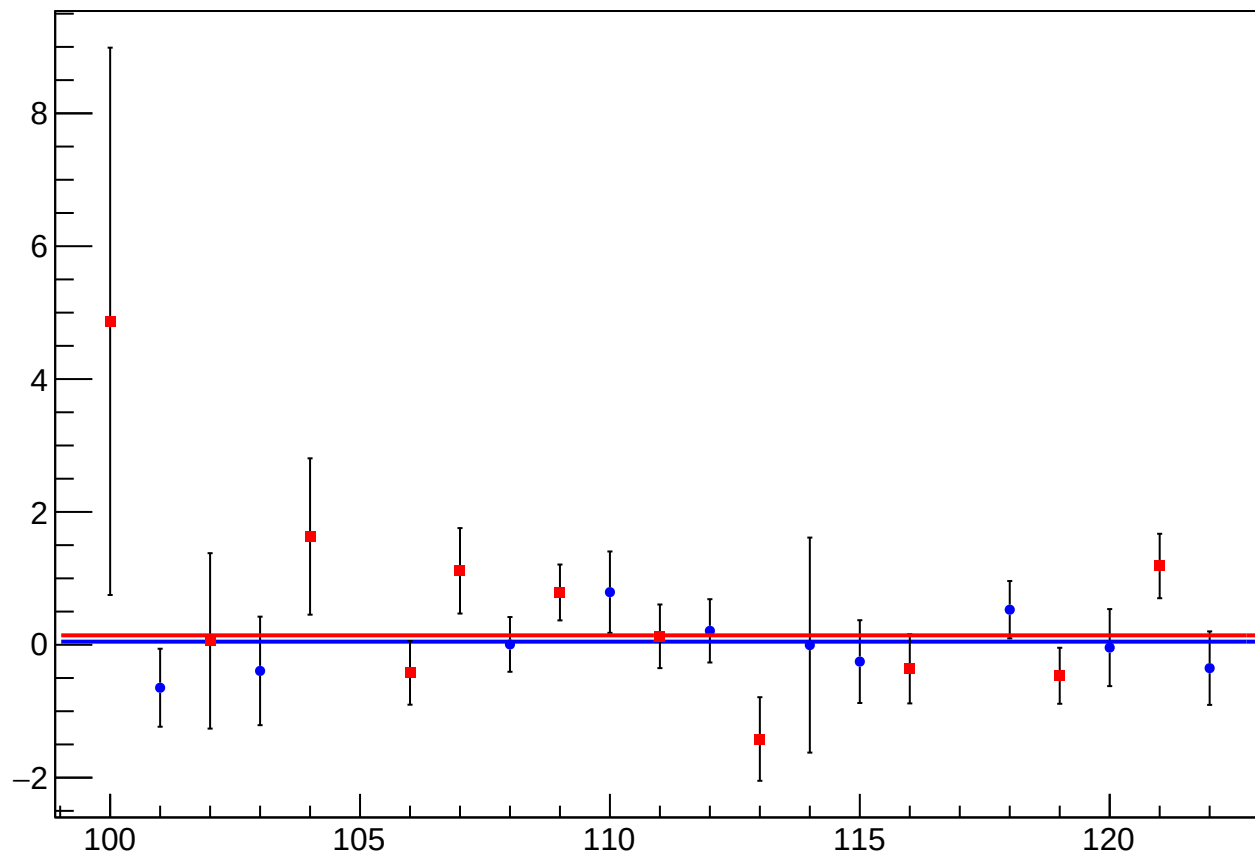
Right: 328.914+/-0.087 χ^2/NDF : 1270792.8/20

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

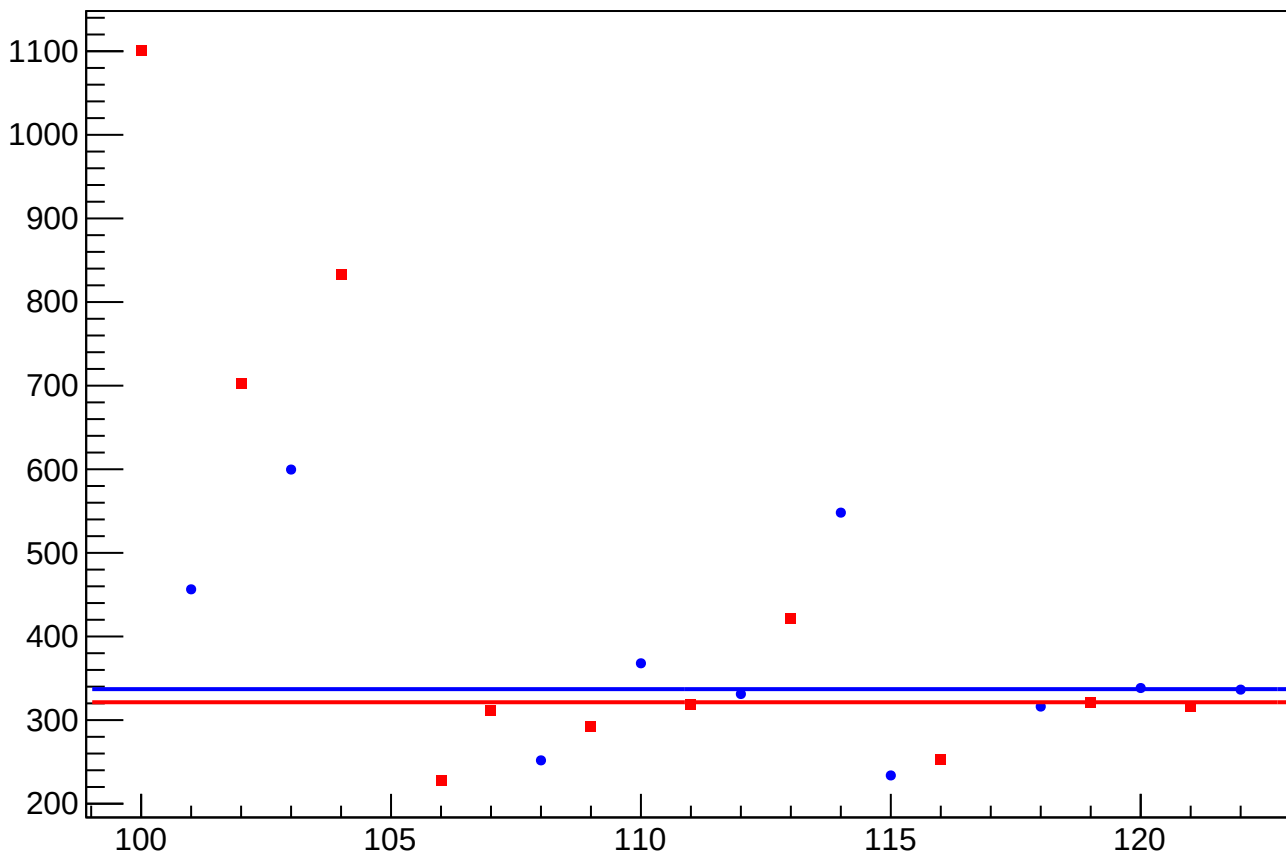
asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

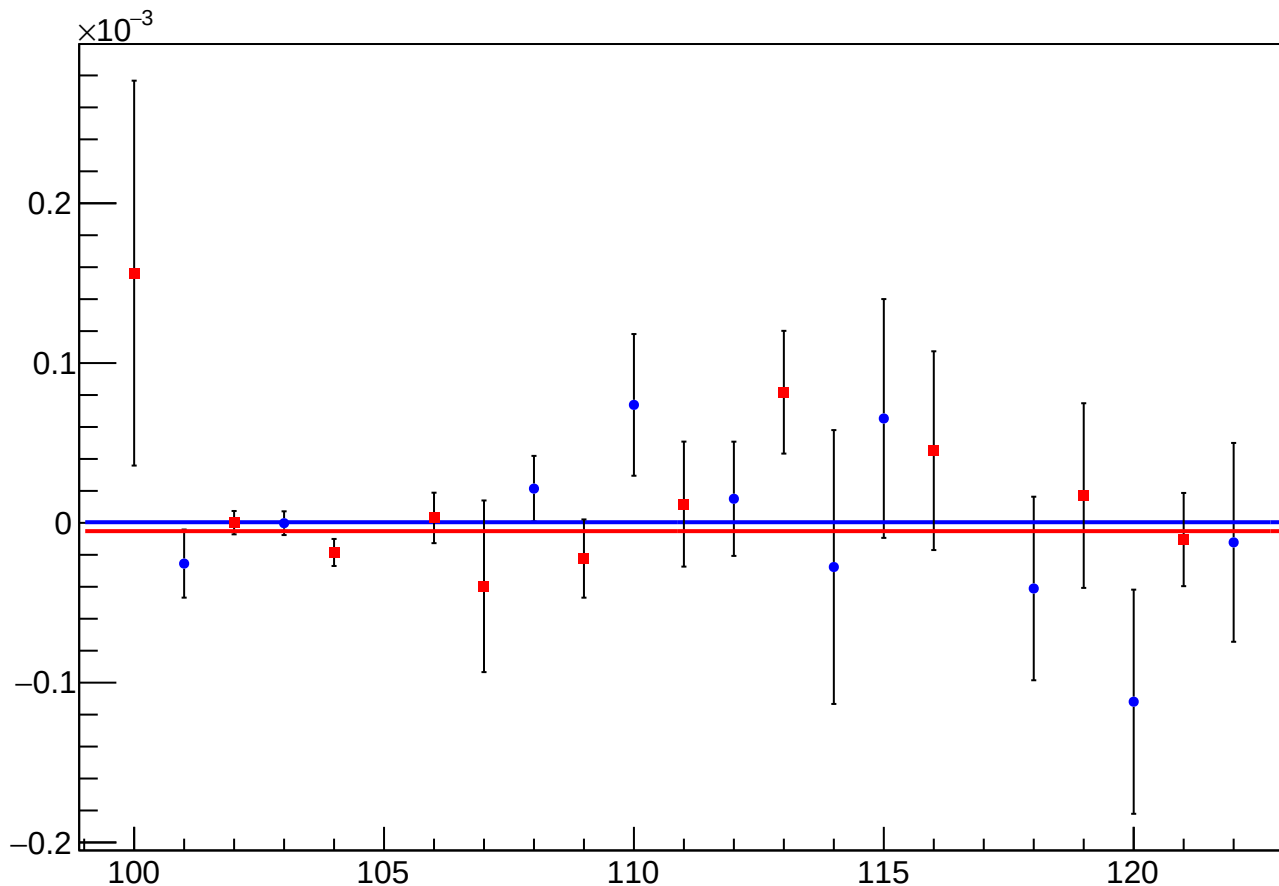
Right: 328.914+/-0.087 χ^2/NDF : 1270792.8/20

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

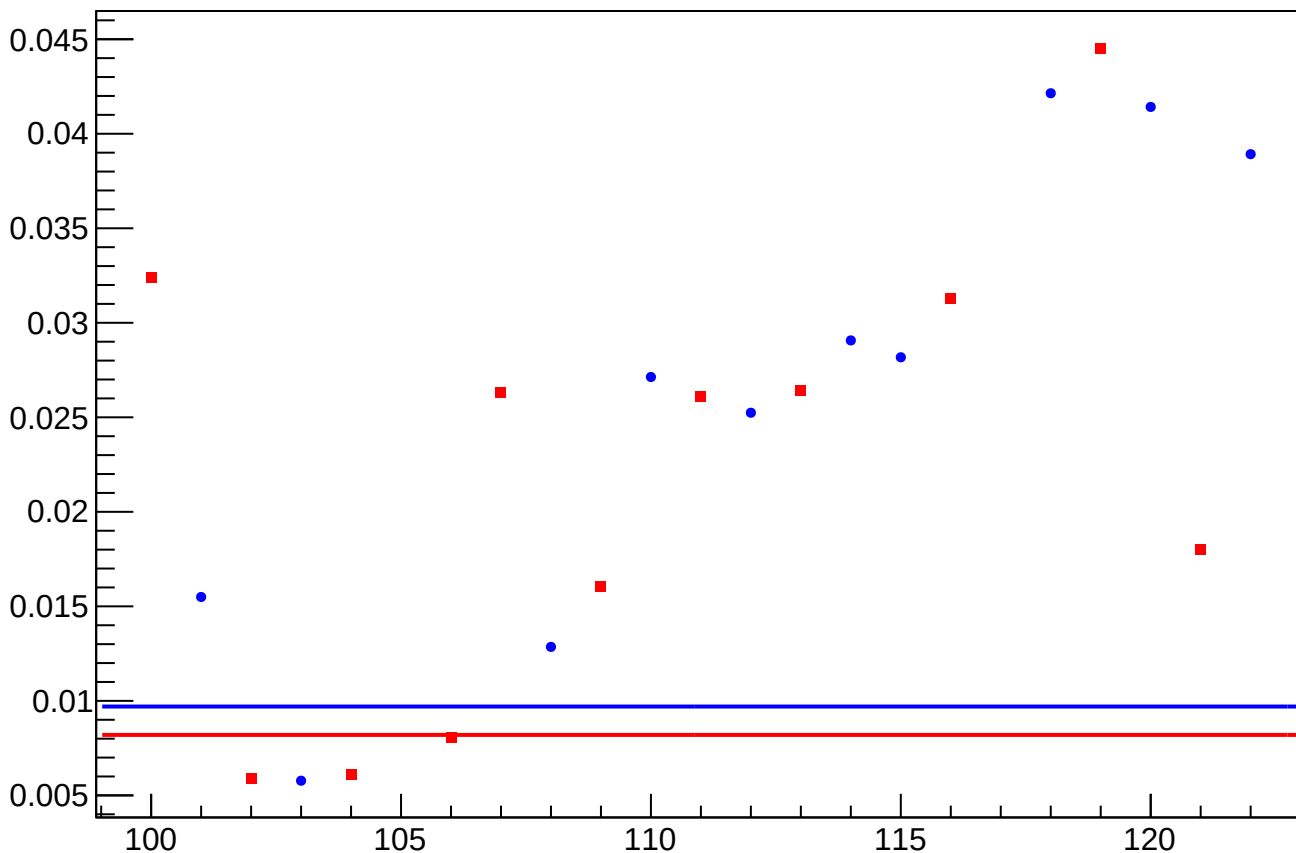
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.1/20

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

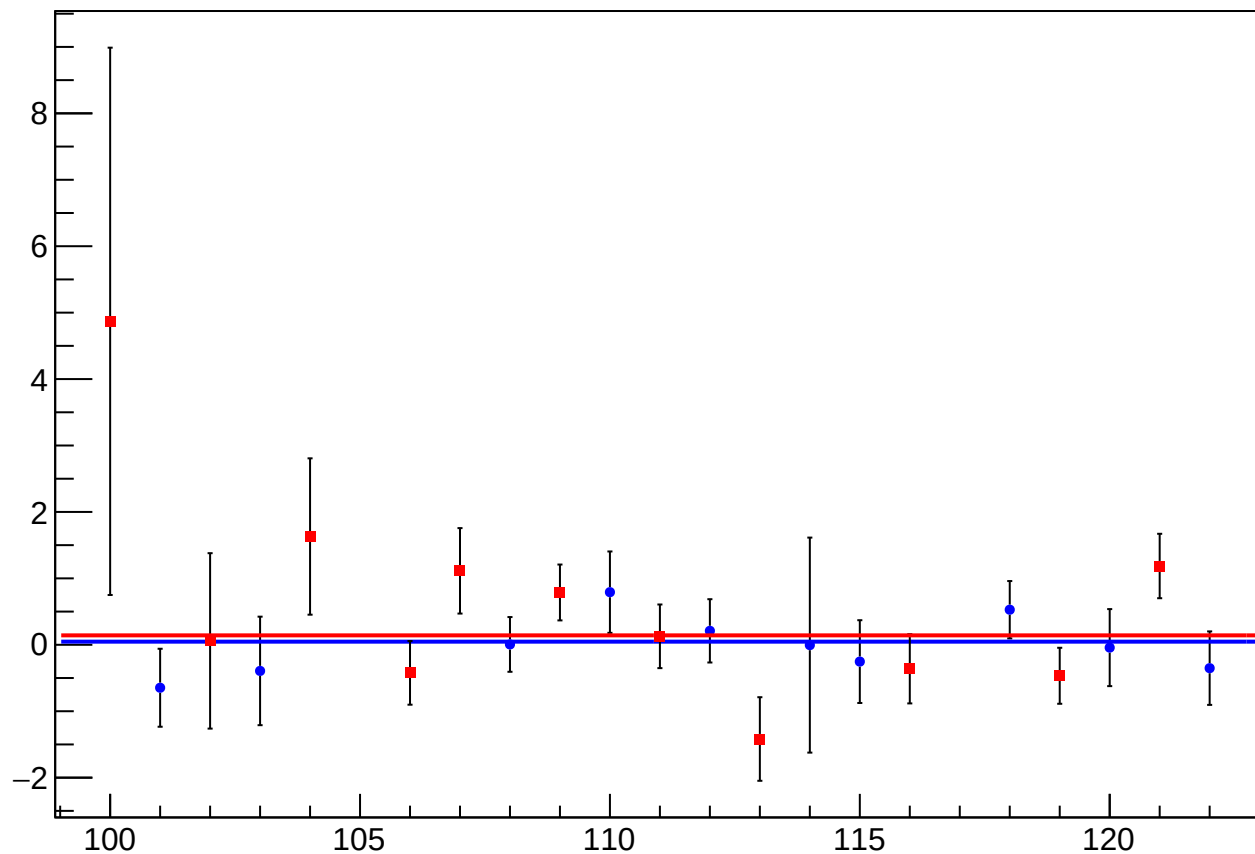
Right: 0.009+/-0.000 χ^2/NDF : 6227285.6/20

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

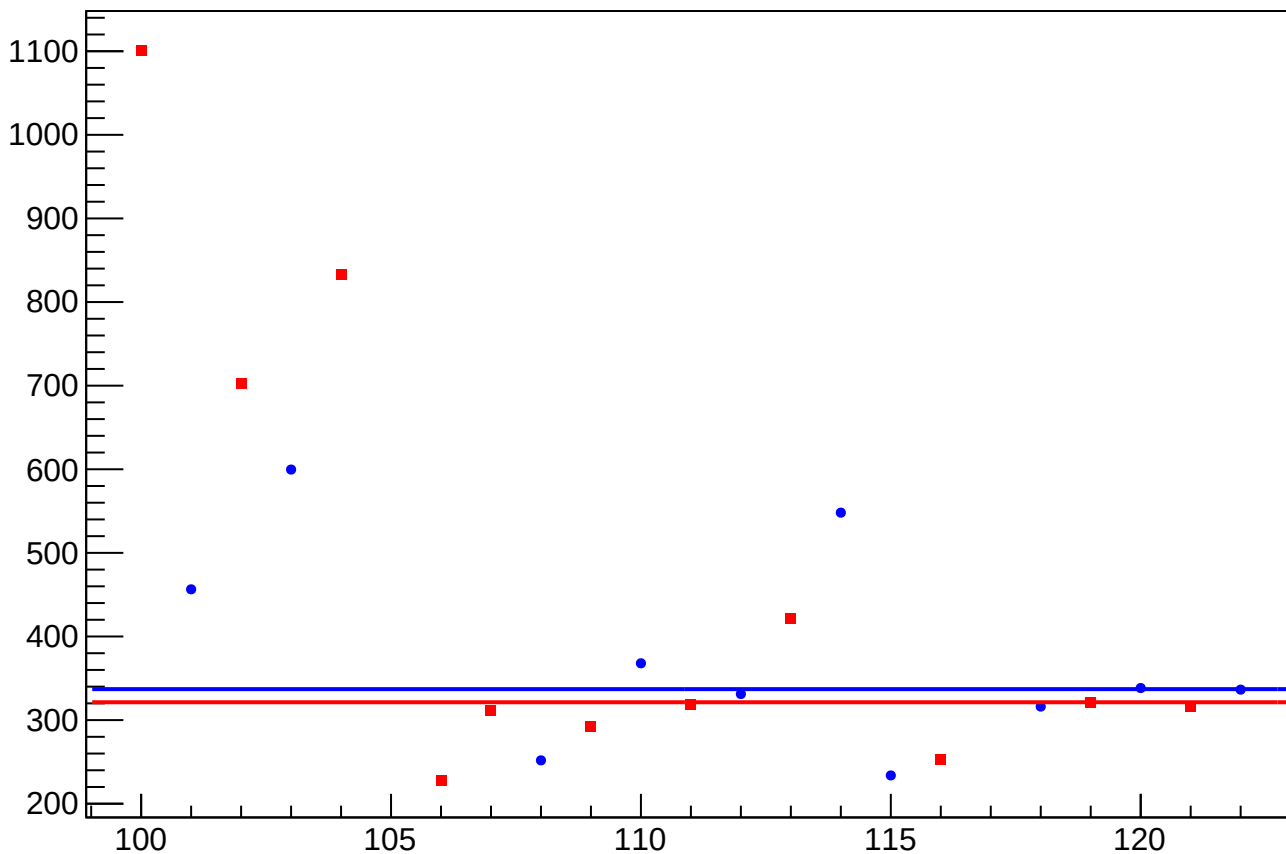
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

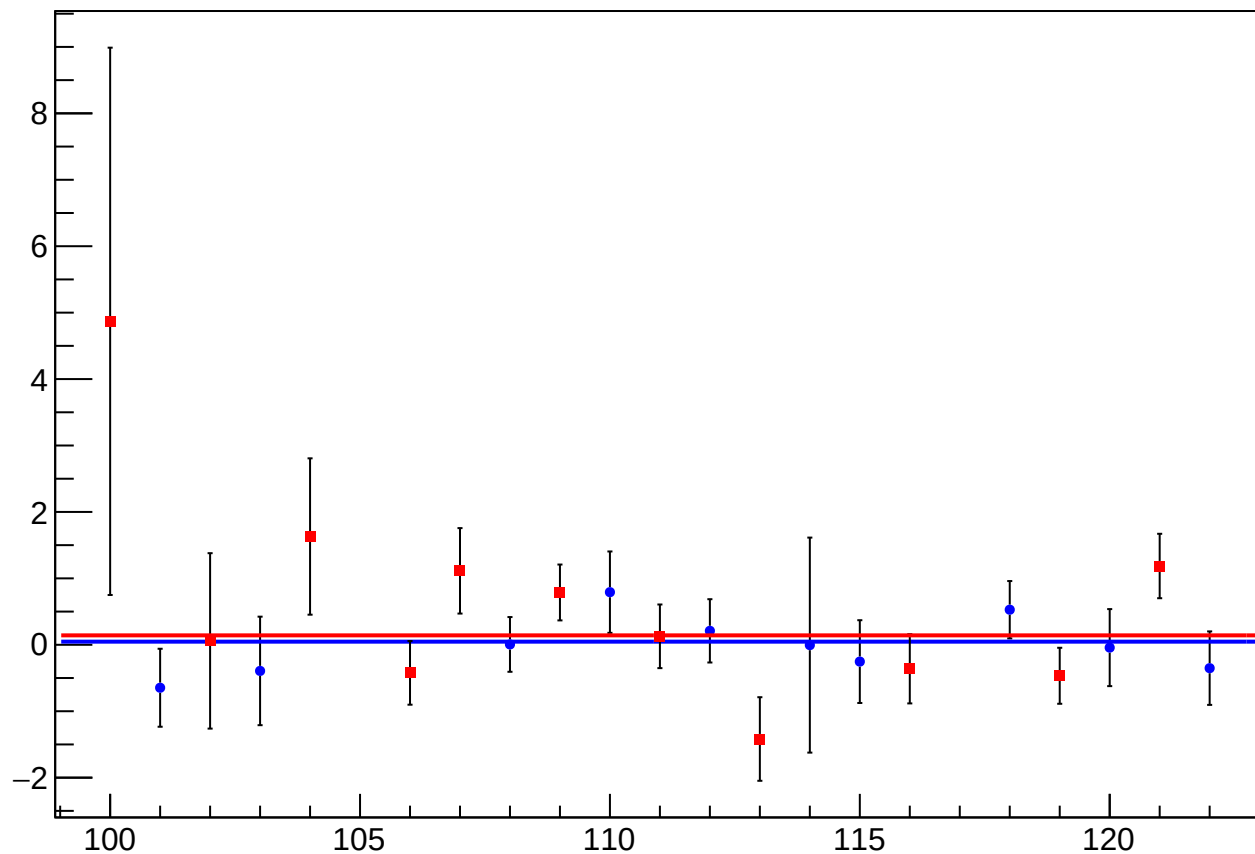
Right: 328.915+/-0.087 χ^2/NDF : 1270755.2/20

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

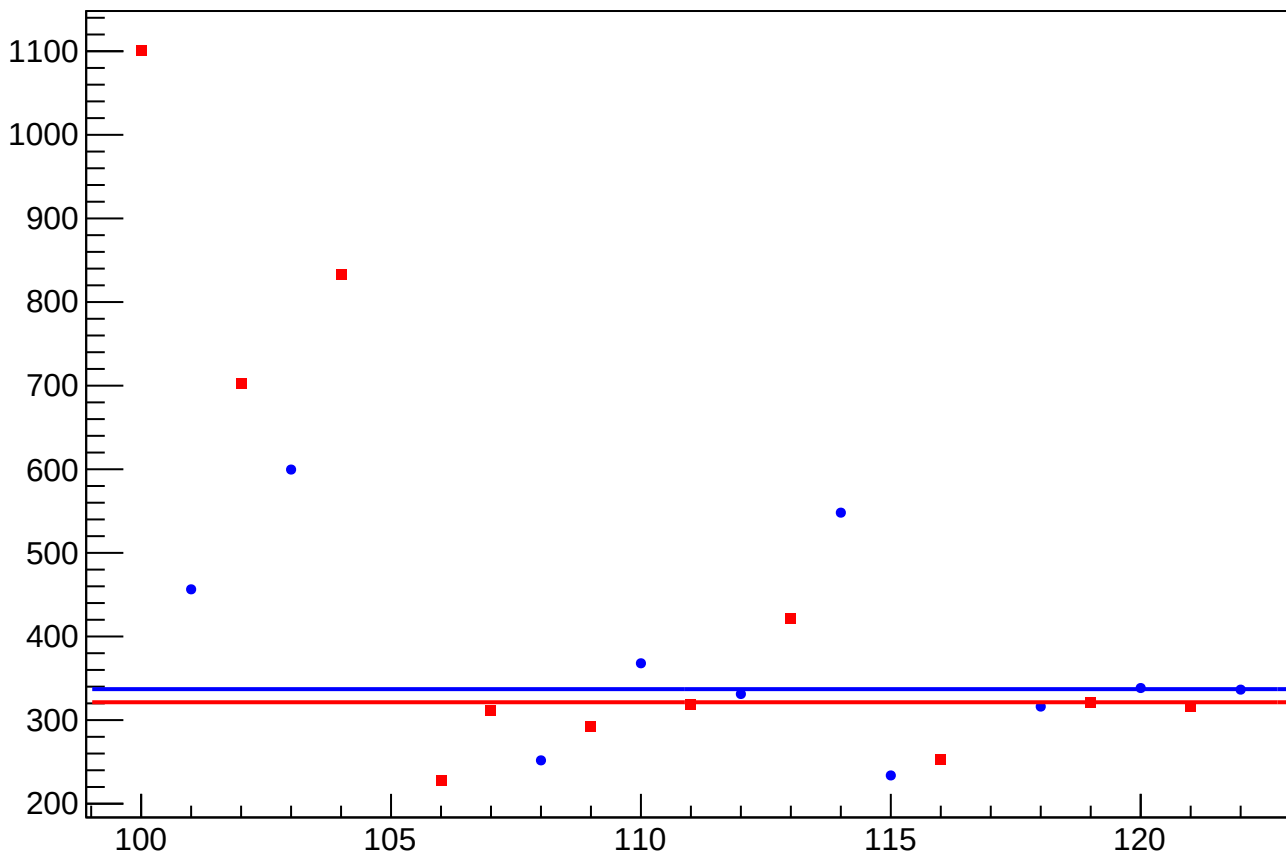
Right: 0.096+/-0.123 χ^2/NDF : 28.2/20

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



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

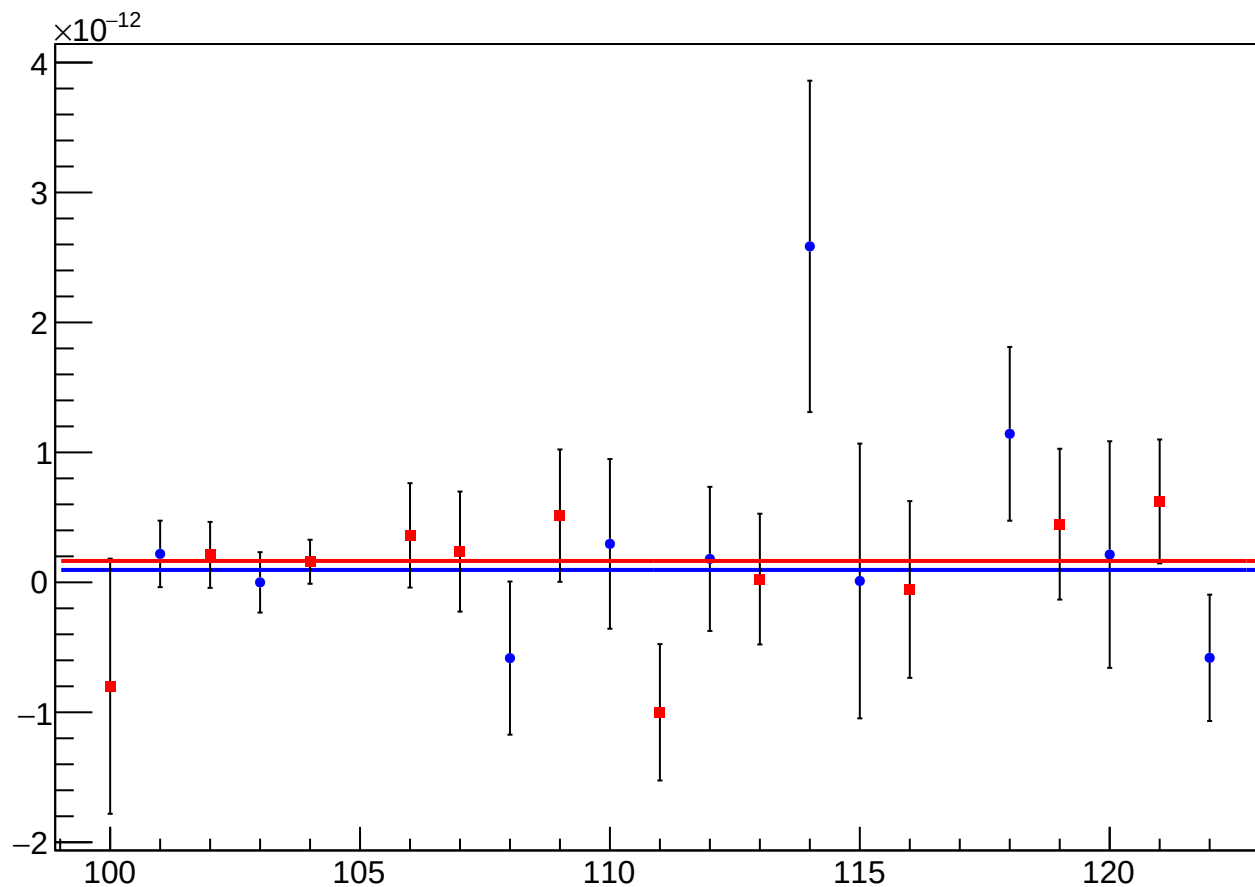
Right: 328.915+/-0.087 χ^2/NDF : 1270755.2/20

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_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

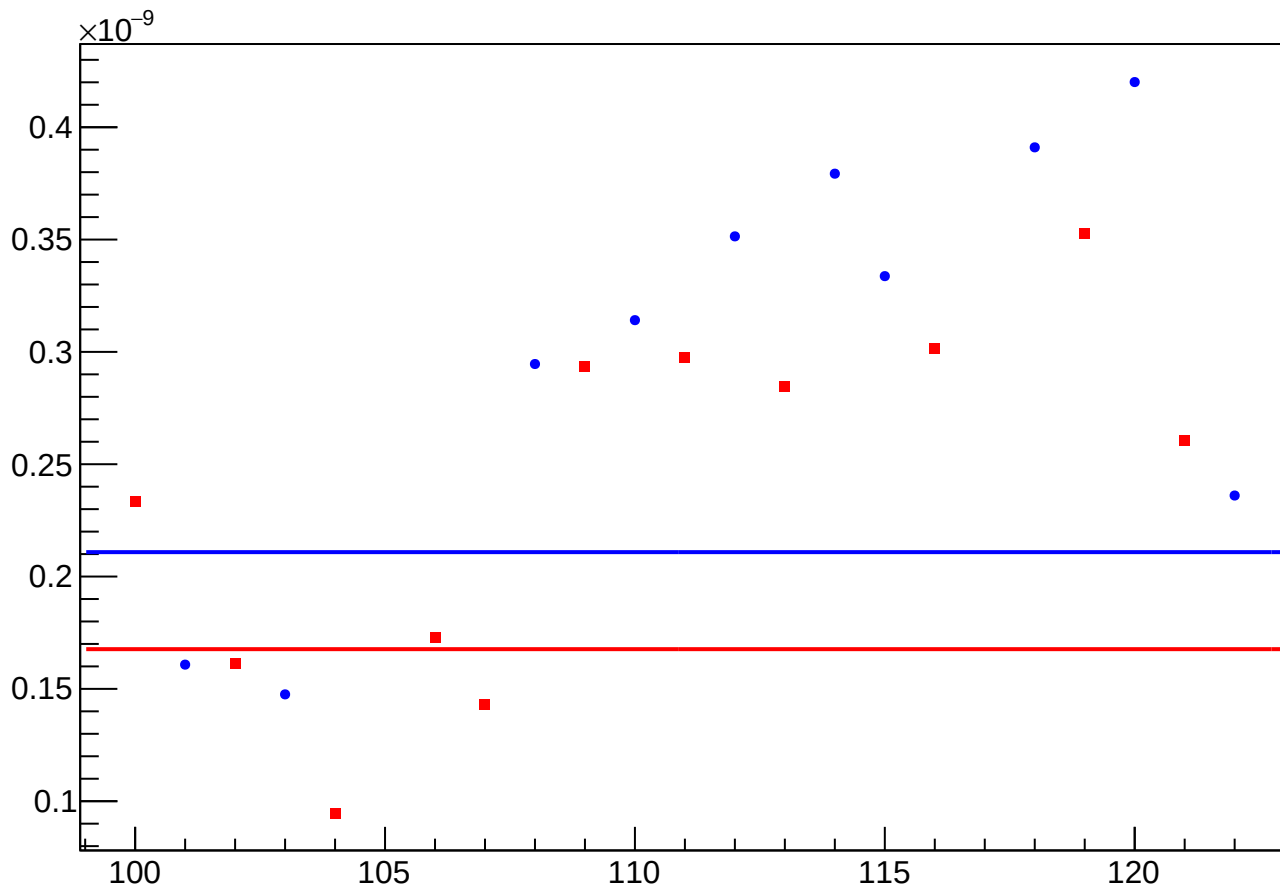
Right: 0.000+/-0.000 χ^2/NDF : 18.2/20

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

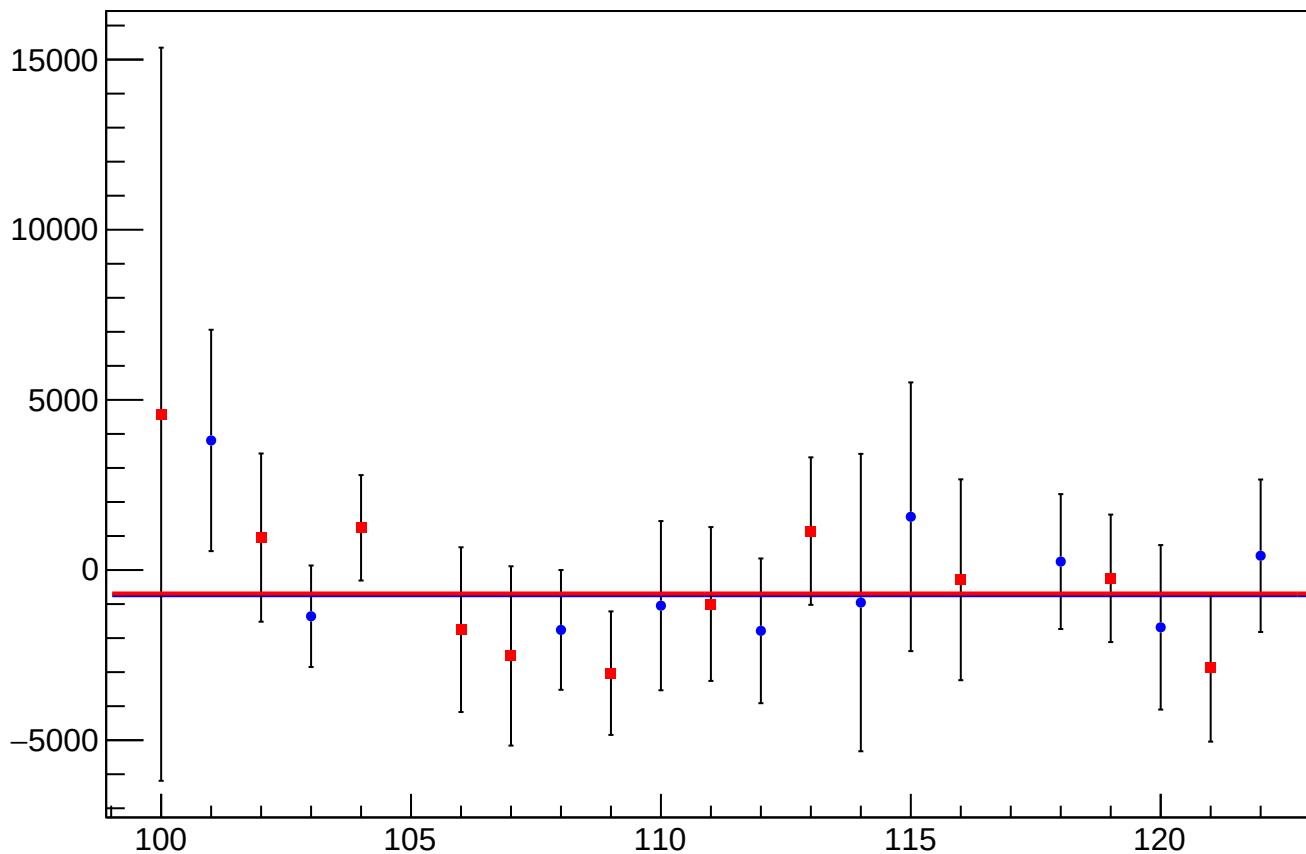
Right: 0.000+/-0.000 χ^2/NDF : 1989898.0/20

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

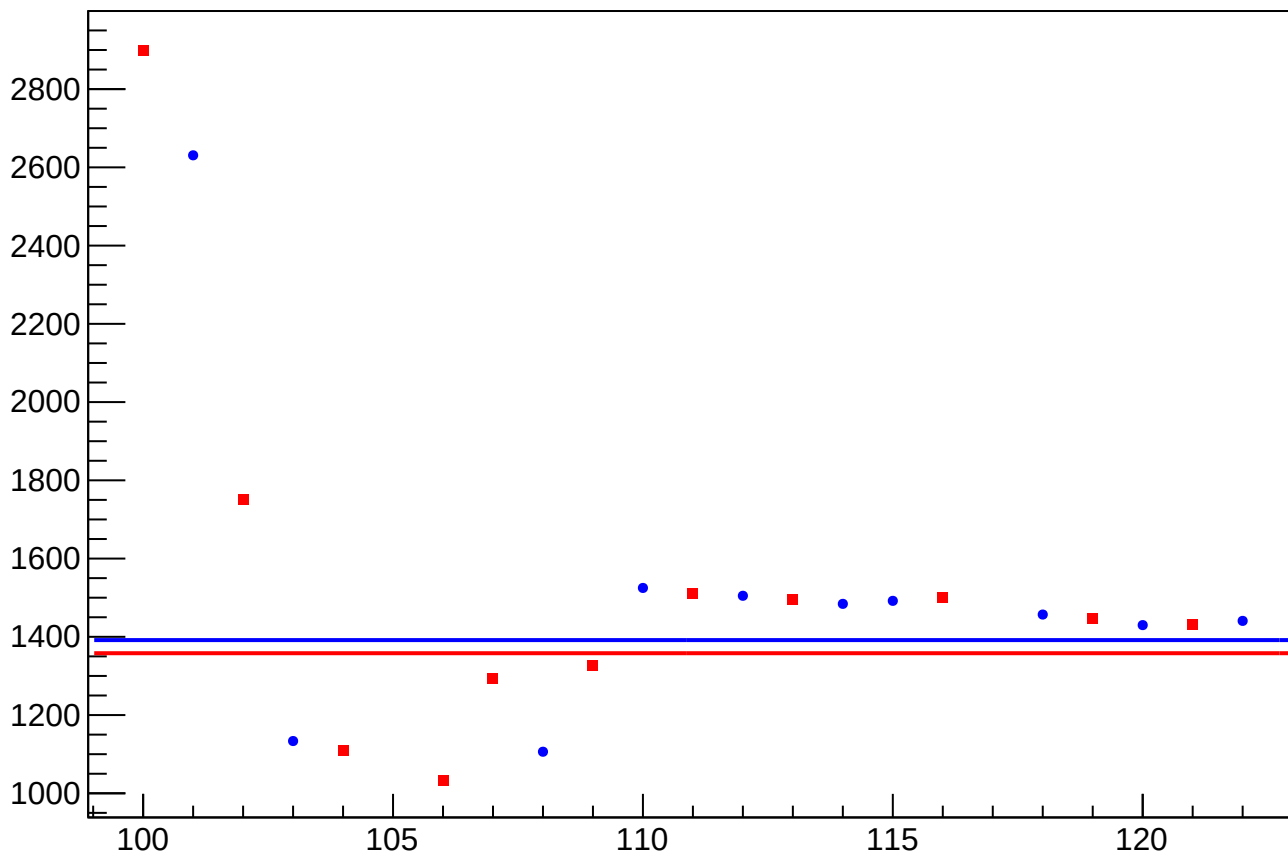
Right: -712.973+/-486.768 χ^2/NDF : 10.1/20

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

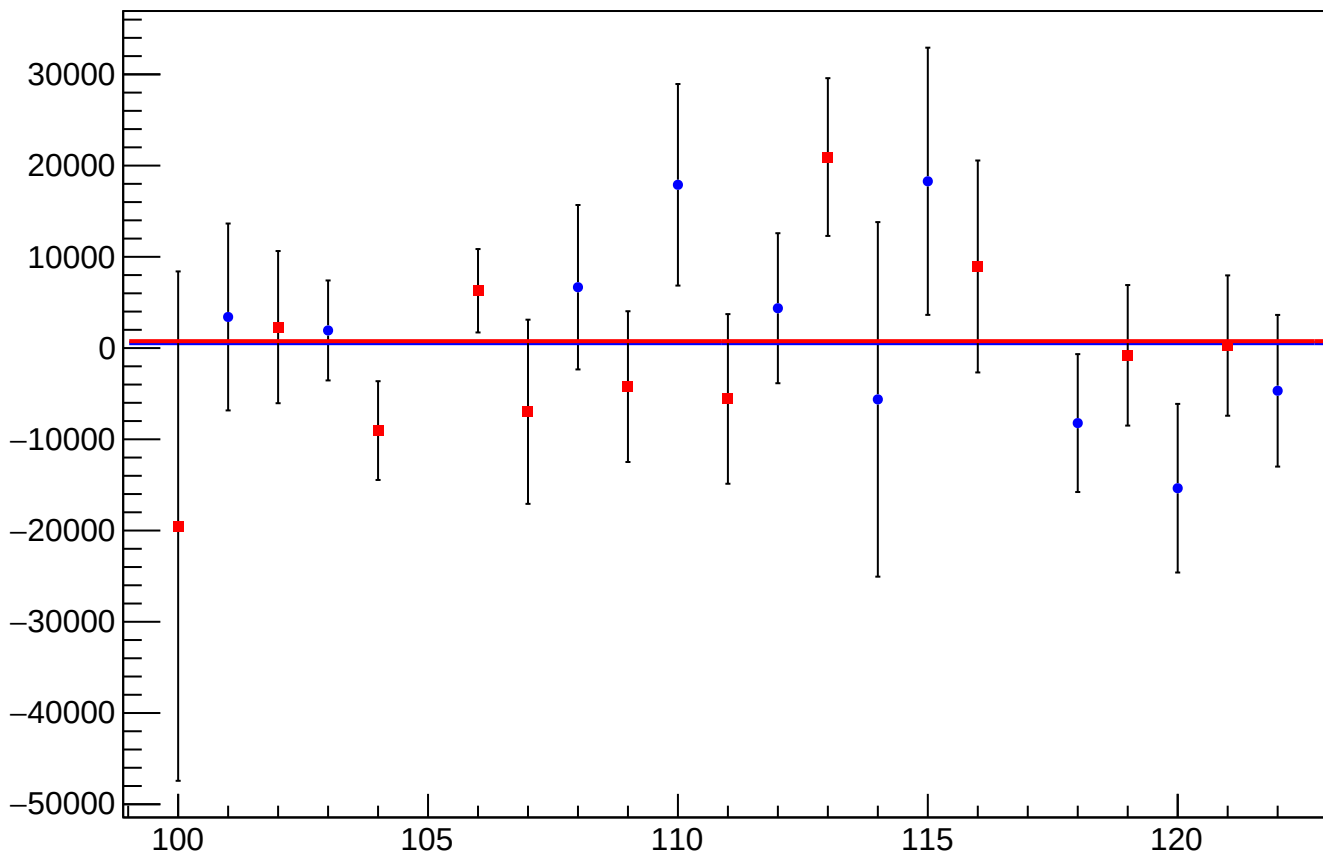
Right: 1373.723+/-0.342 χ^2/NDF : 641937.9/20

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

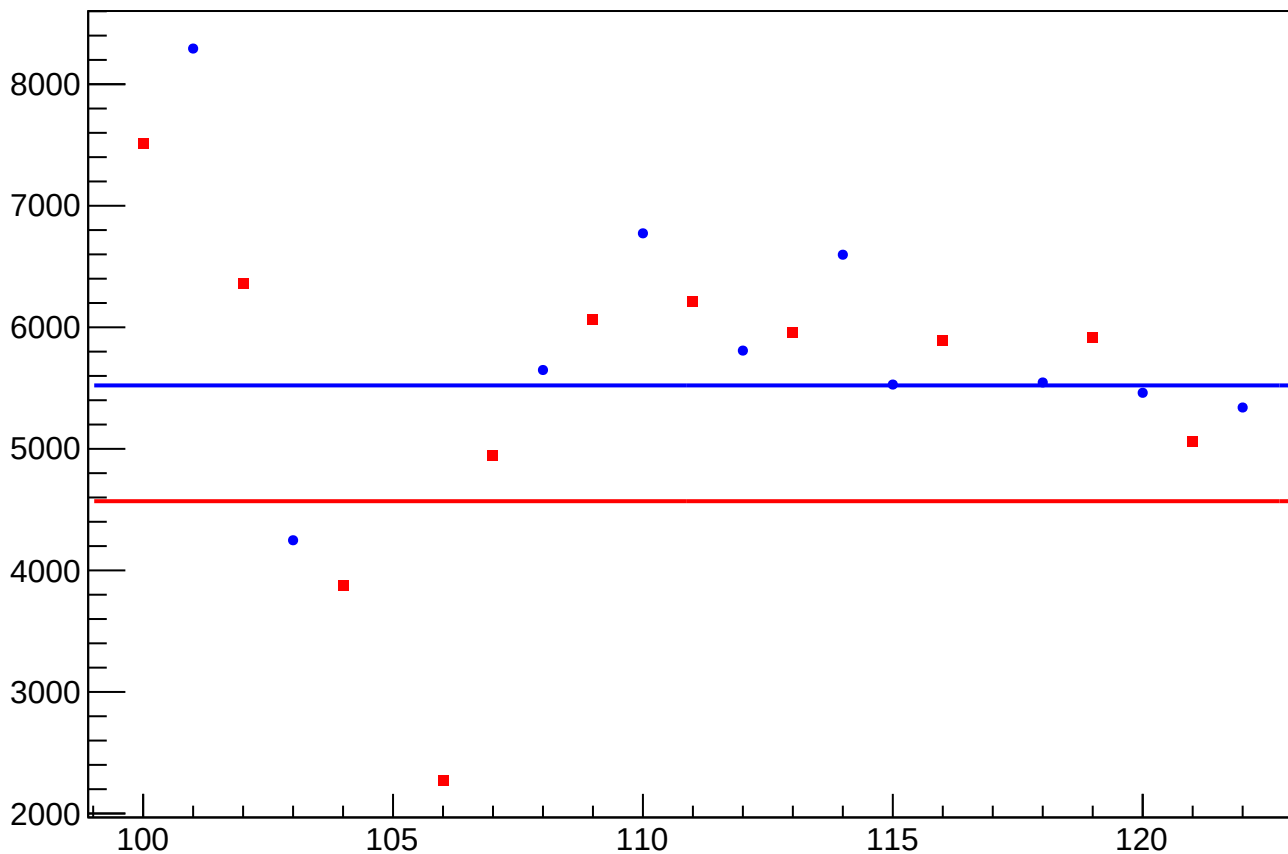
Right: 667.183+/-1775.057 χ^2/NDF : 22.3/20

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

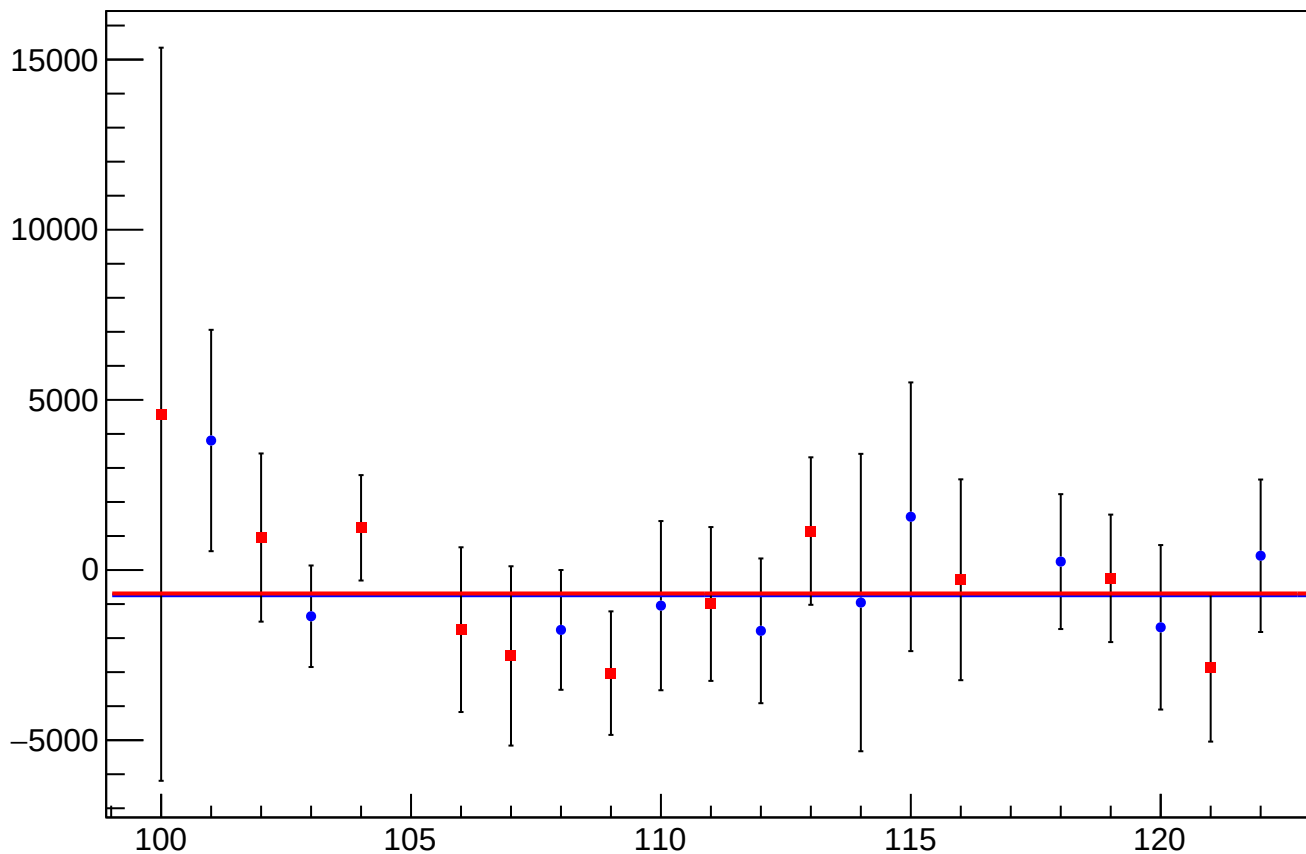
Right: 4957.049+/-1.255 χ^2/NDF : 1358362.6/20

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

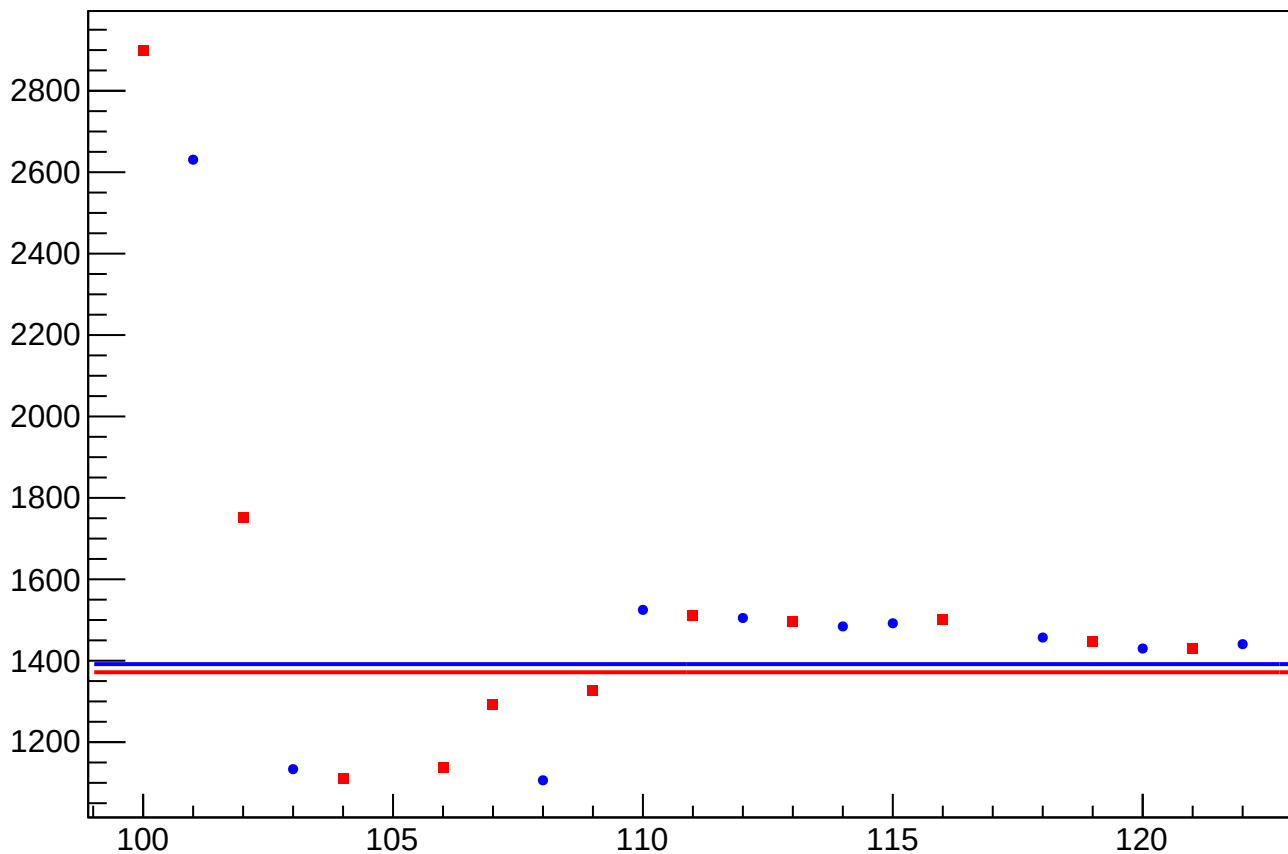
Right: -712.935 $\pm$ 486.768 χ^2 /NDF: 10.1/20

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

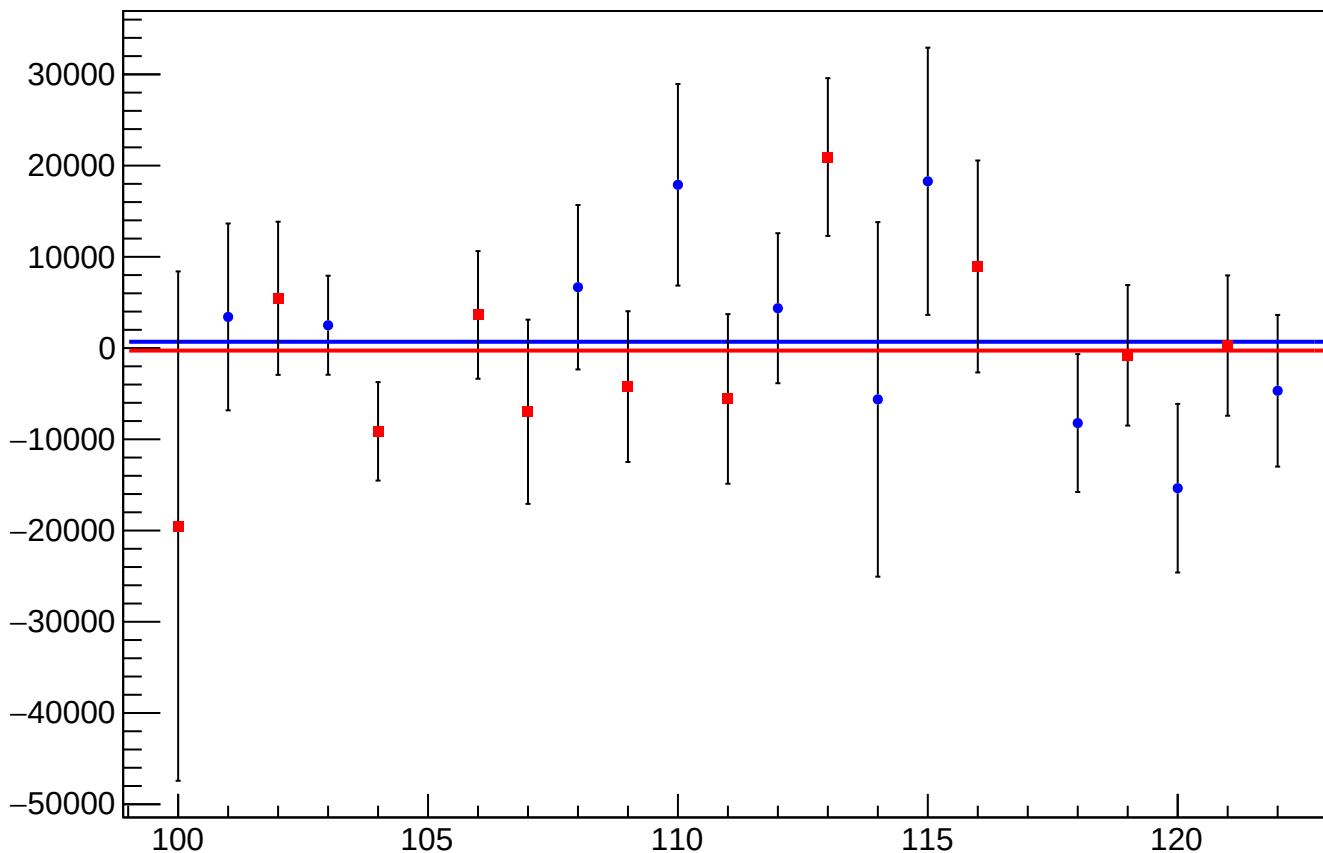
Right: 1381.038+/-0.344 χ^2/NDF : 611283.7/20

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

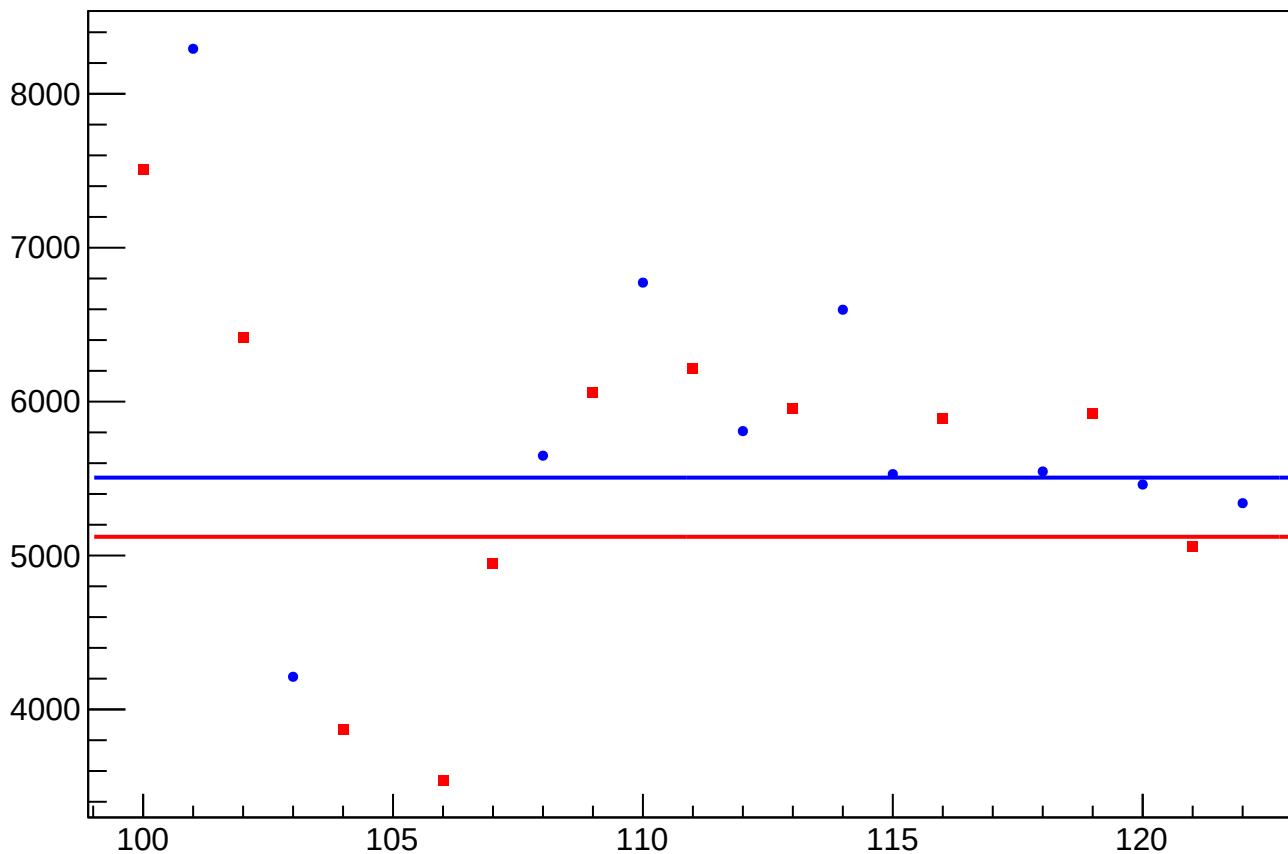
Right: 156.573+/-1854.791 χ^2/NDF : 21.3/20

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

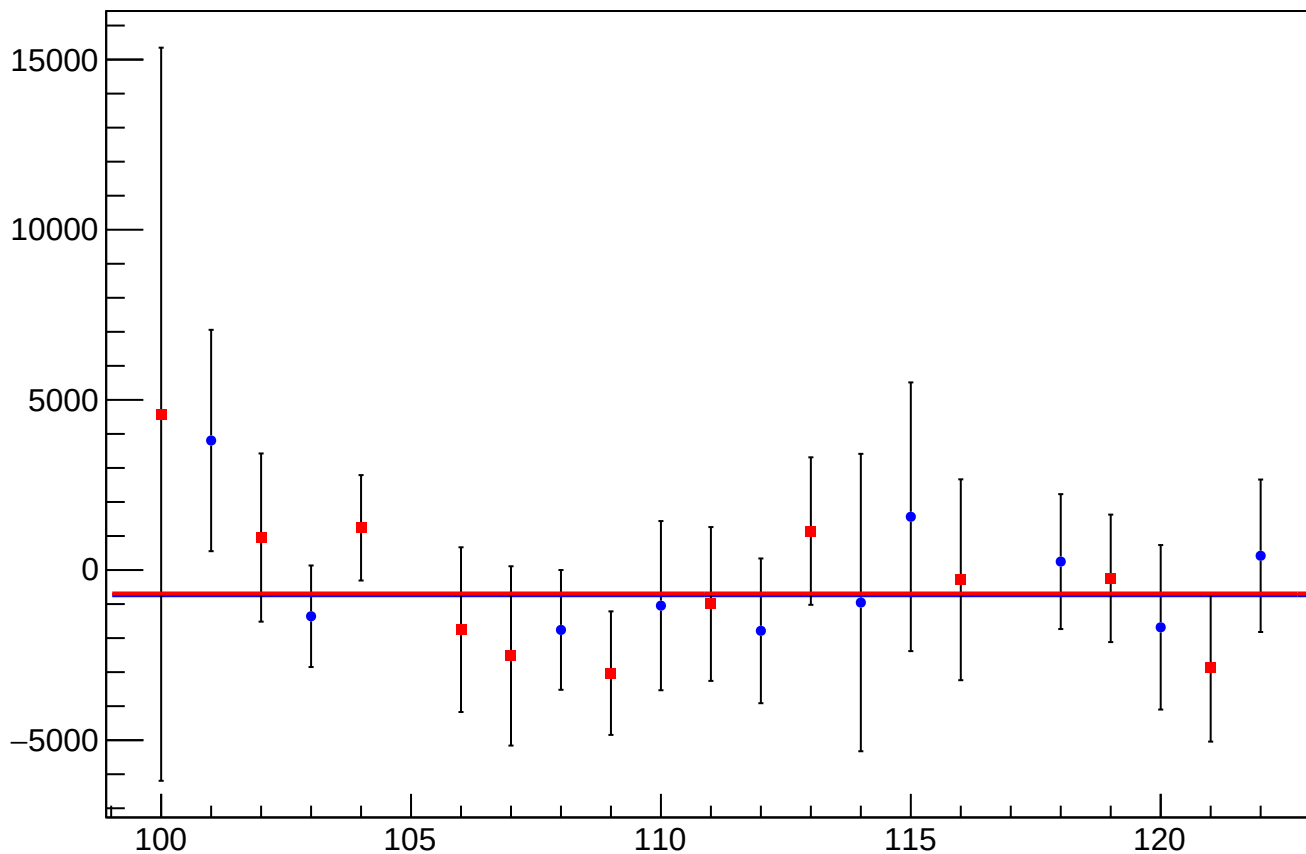
Right: 5293.448+/-1.312 χ^2/NDF : 695296.6/20

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

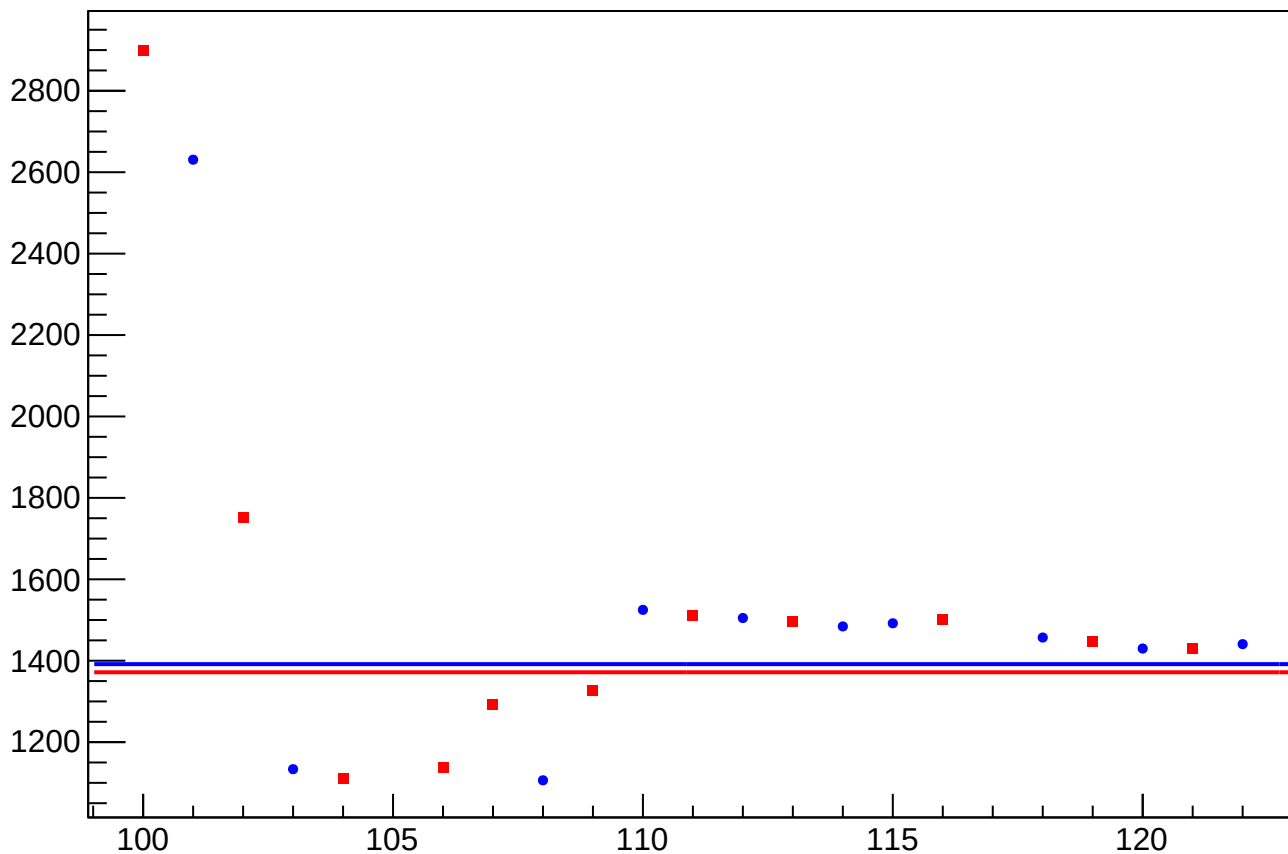
Right: -712.935+/-486.768 χ^2/NDF : 10.1/20

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

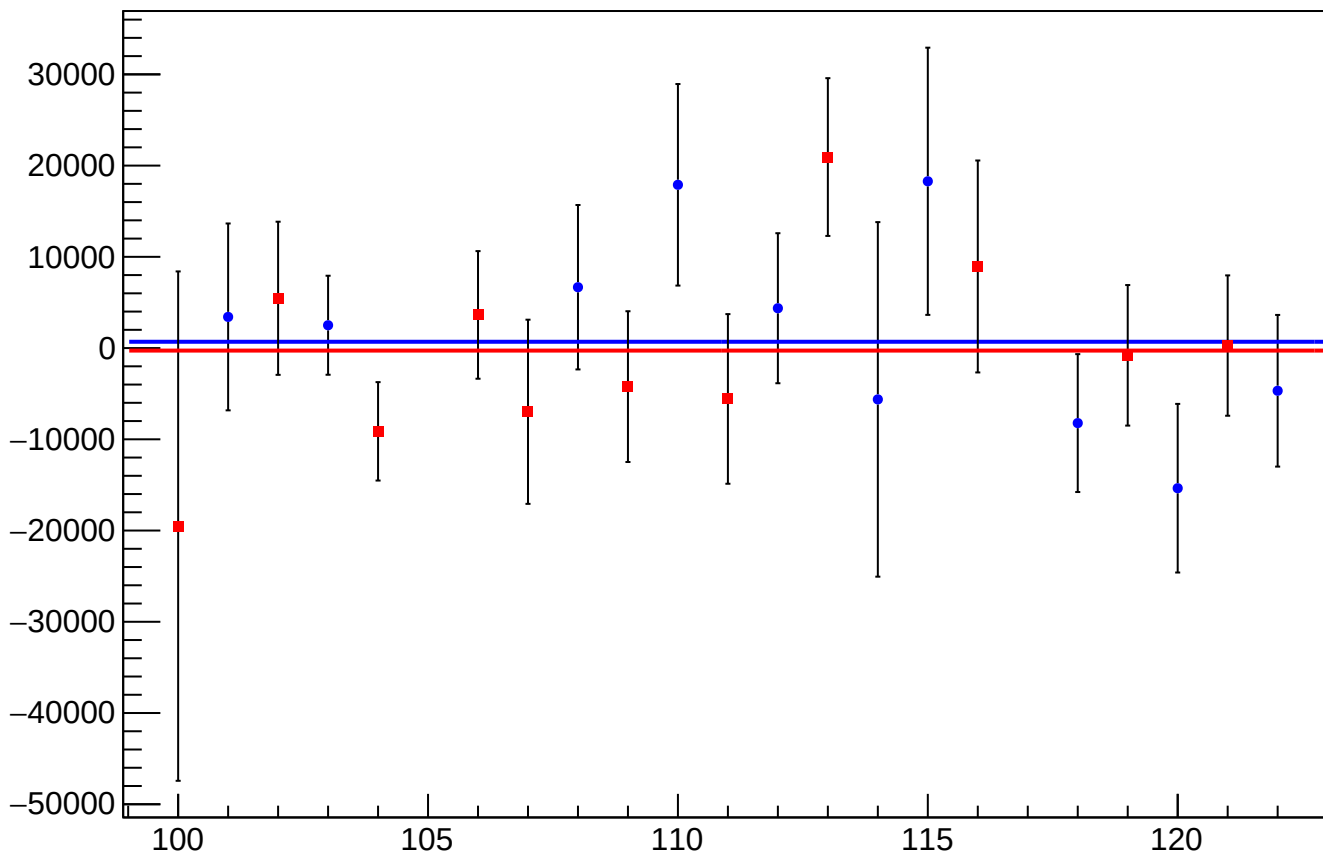
Right: 1381.038+/-0.344 χ^2/NDF : 611283.7/20

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

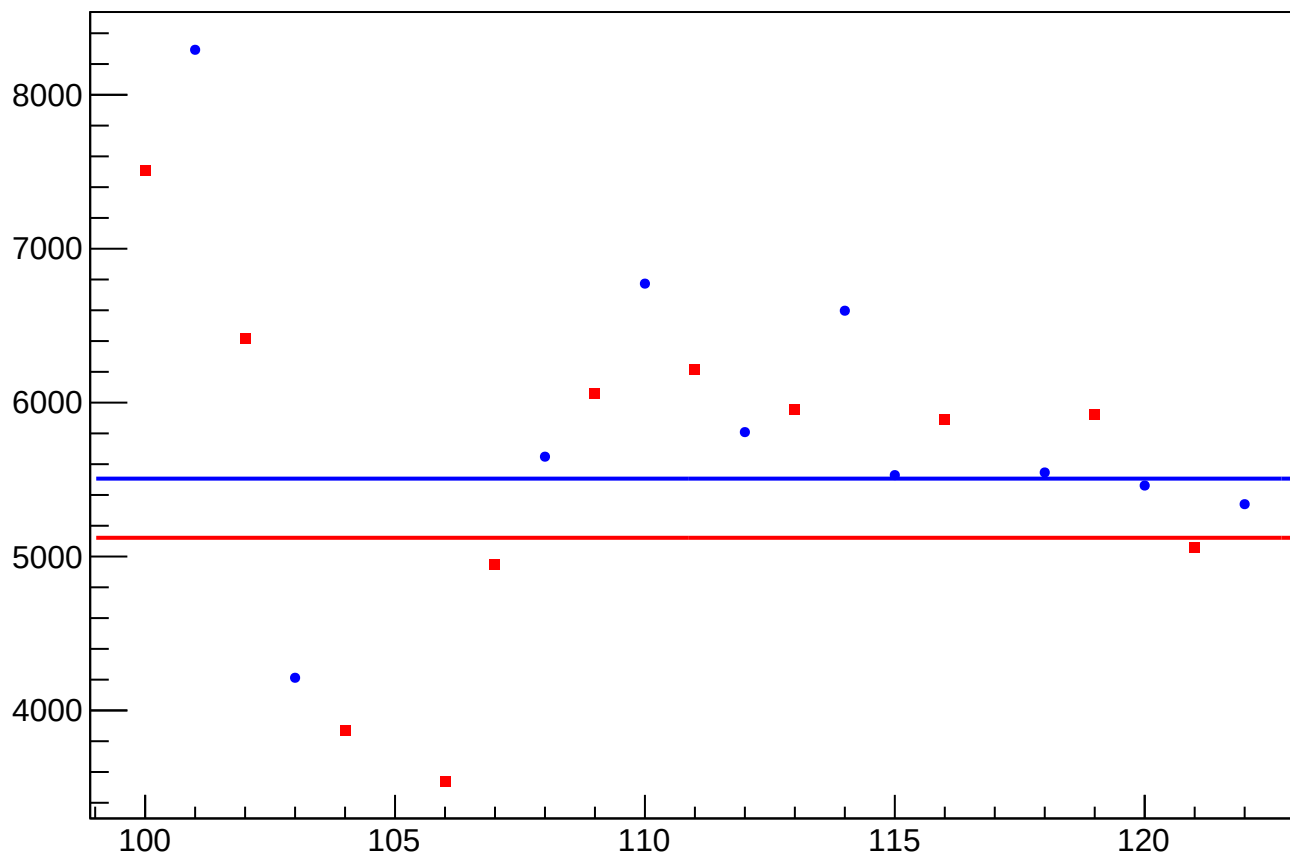
Right: 156.573+/-1854.791 χ^2/NDF : 21.3/20

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

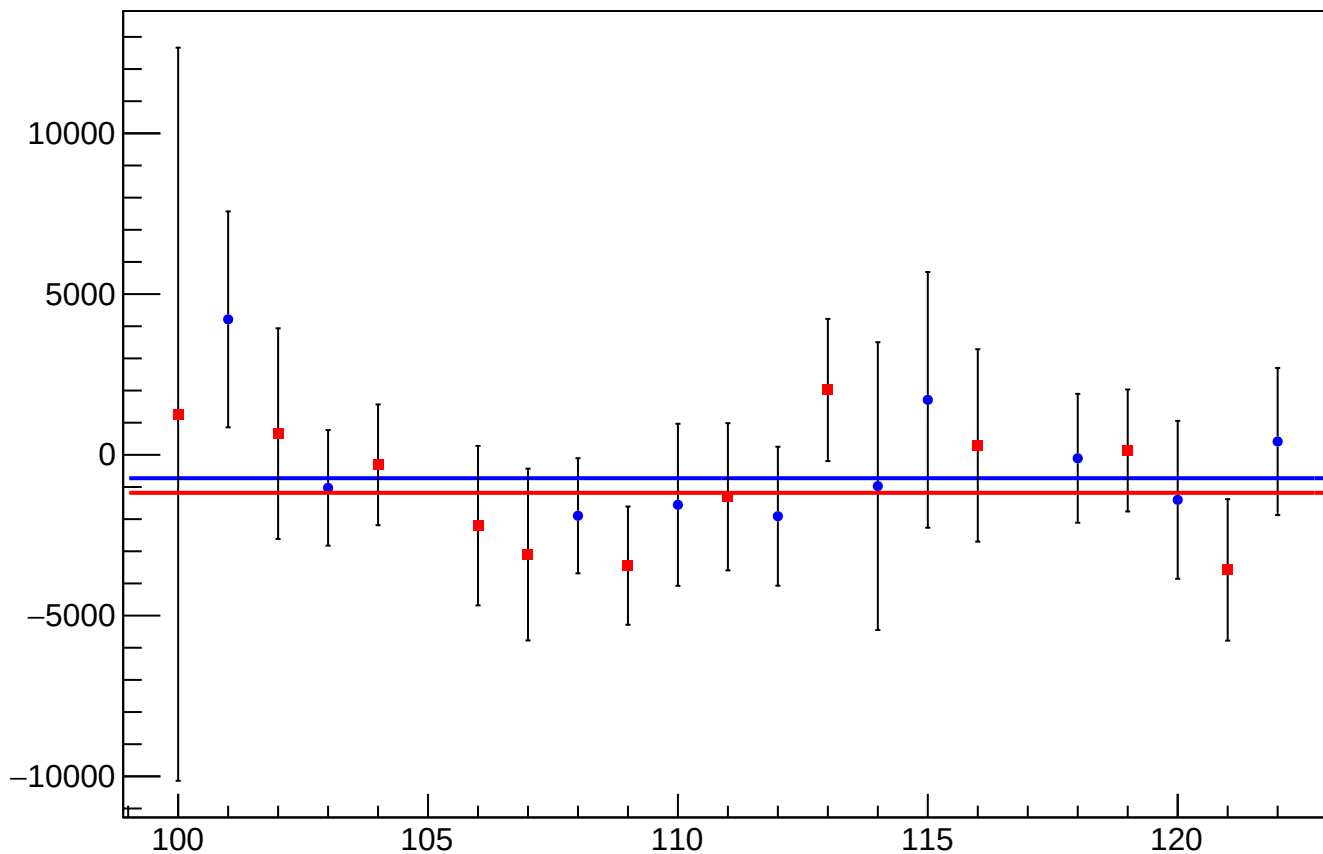
Right: 5293.448+/-1.312 χ^2/NDF : 695296.6/20

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

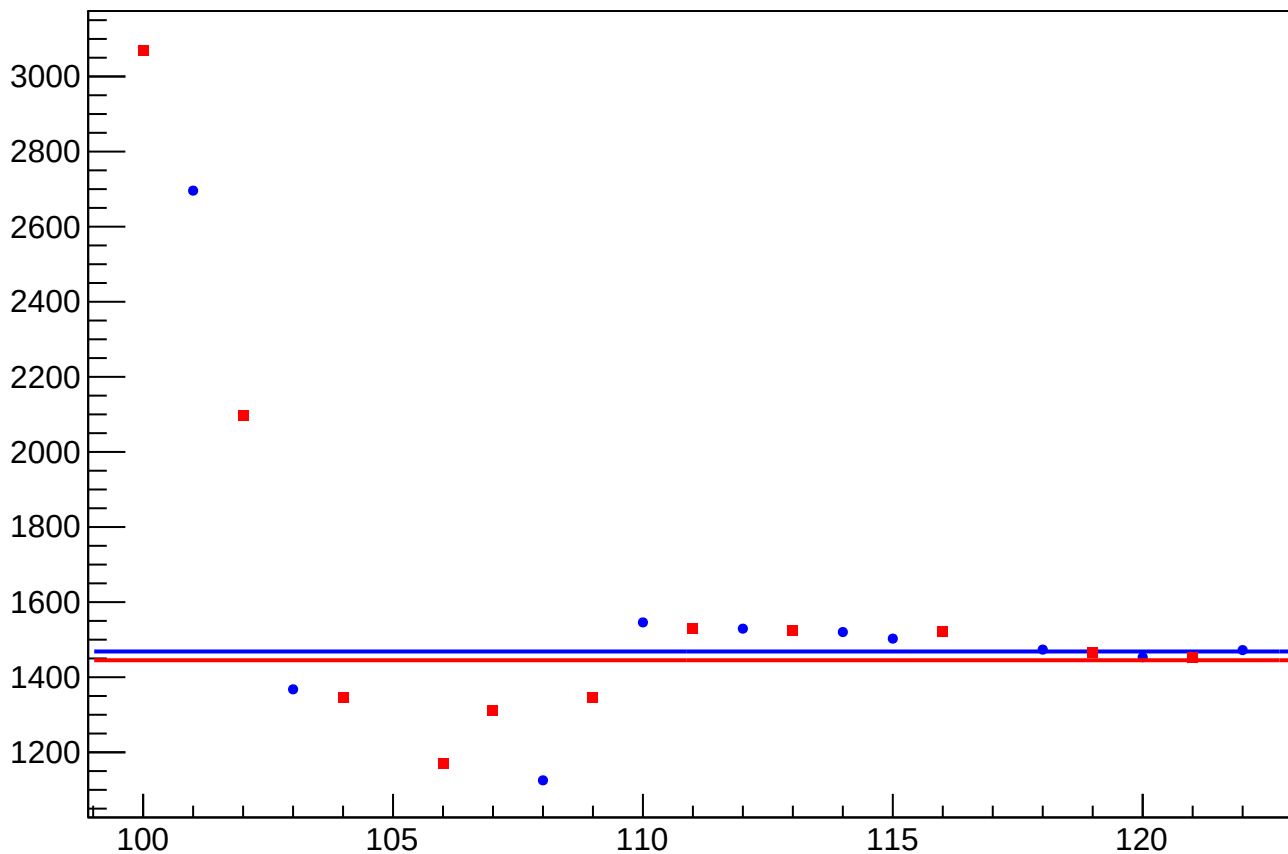
Right: -964.598 $\pm$ 514.767 χ^2 /NDF: 10.8/20

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

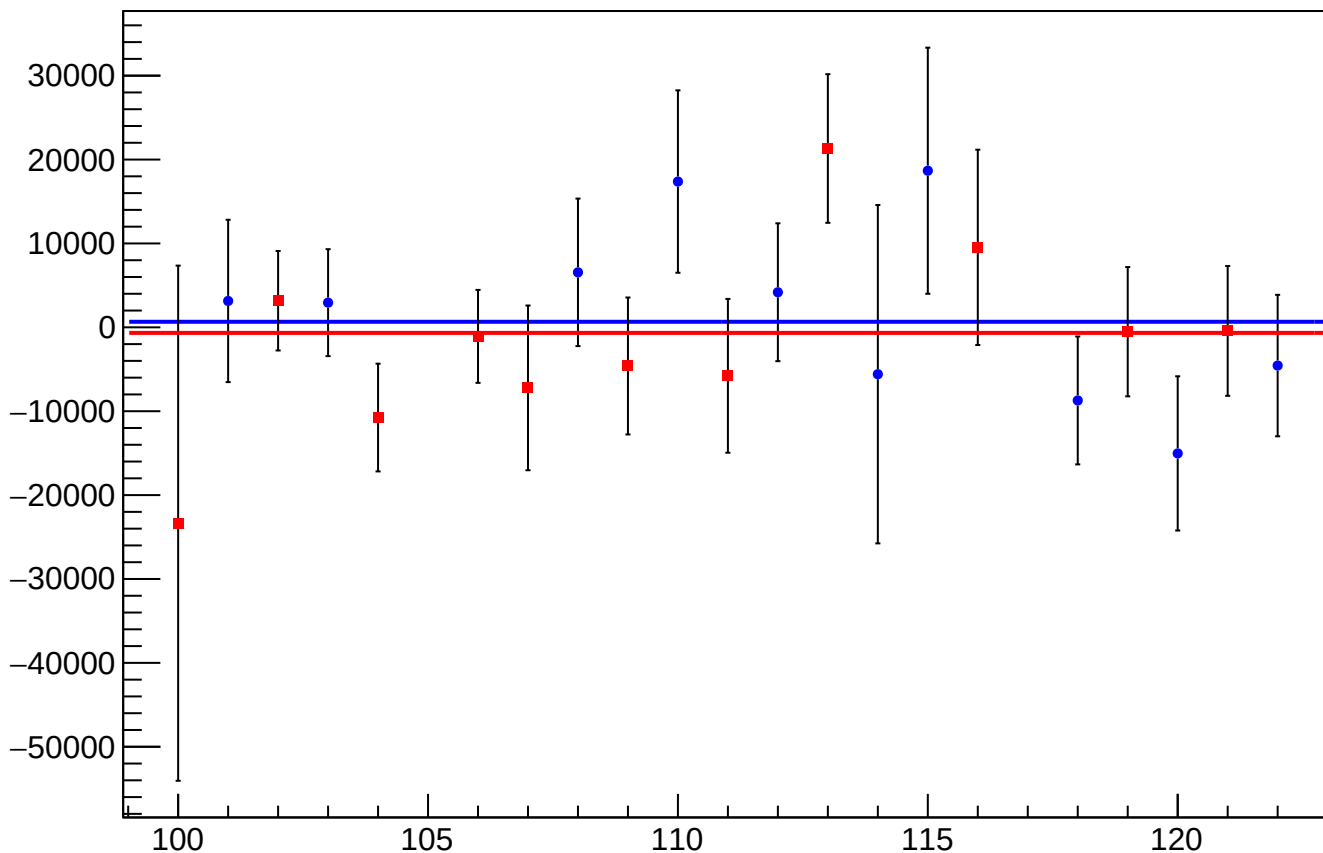
Right: 1456.332+/-0.364 χ^2/NDF : 519852.1/20

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 $\pm$ 2866.433 χ^2 /NDF: 9.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -661.791 $\pm$ 2375.166 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

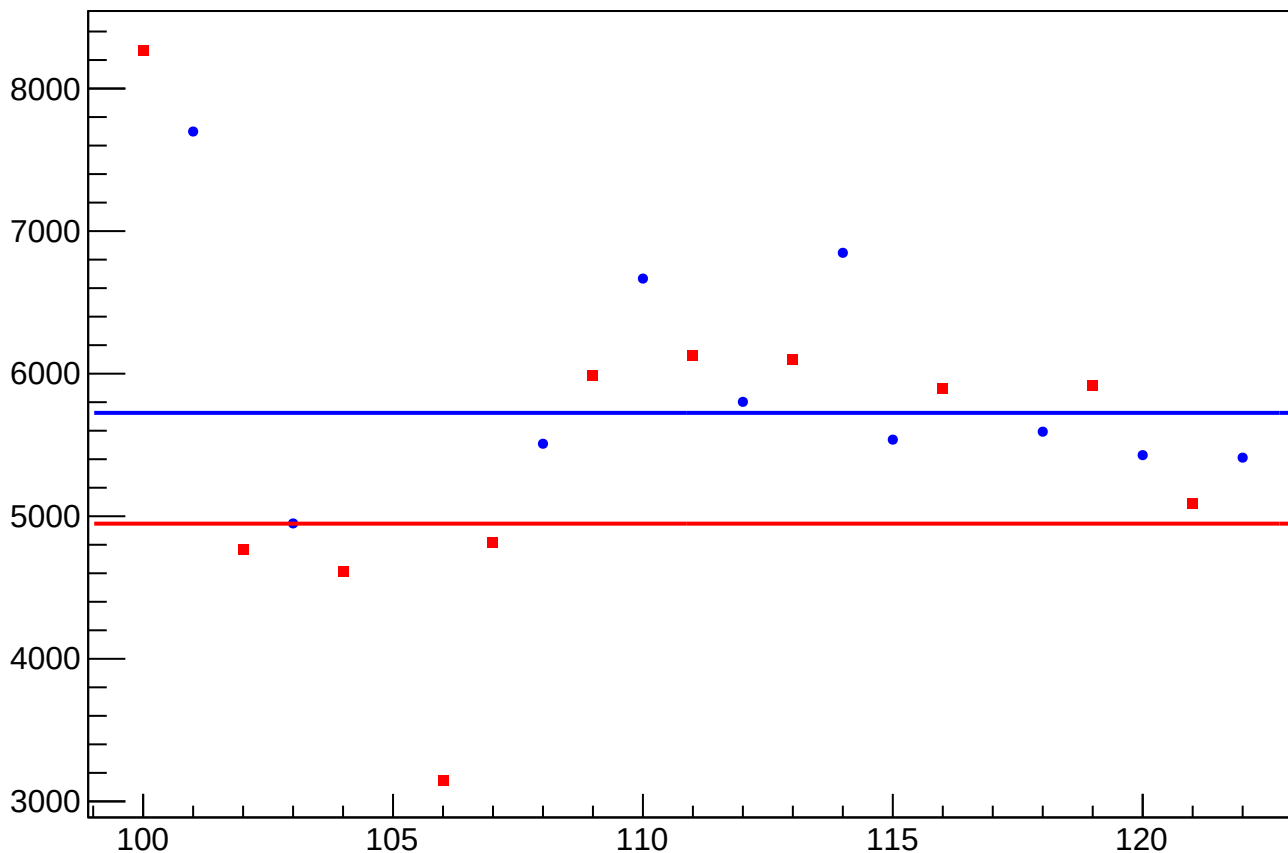
Right: -122.684 $\pm$ 1828.891 χ^2 /NDF: 21.1/20

In: 662.499 $\pm$ 2866.433 χ^2 /NDF:9.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -122.684 $\pm$ 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

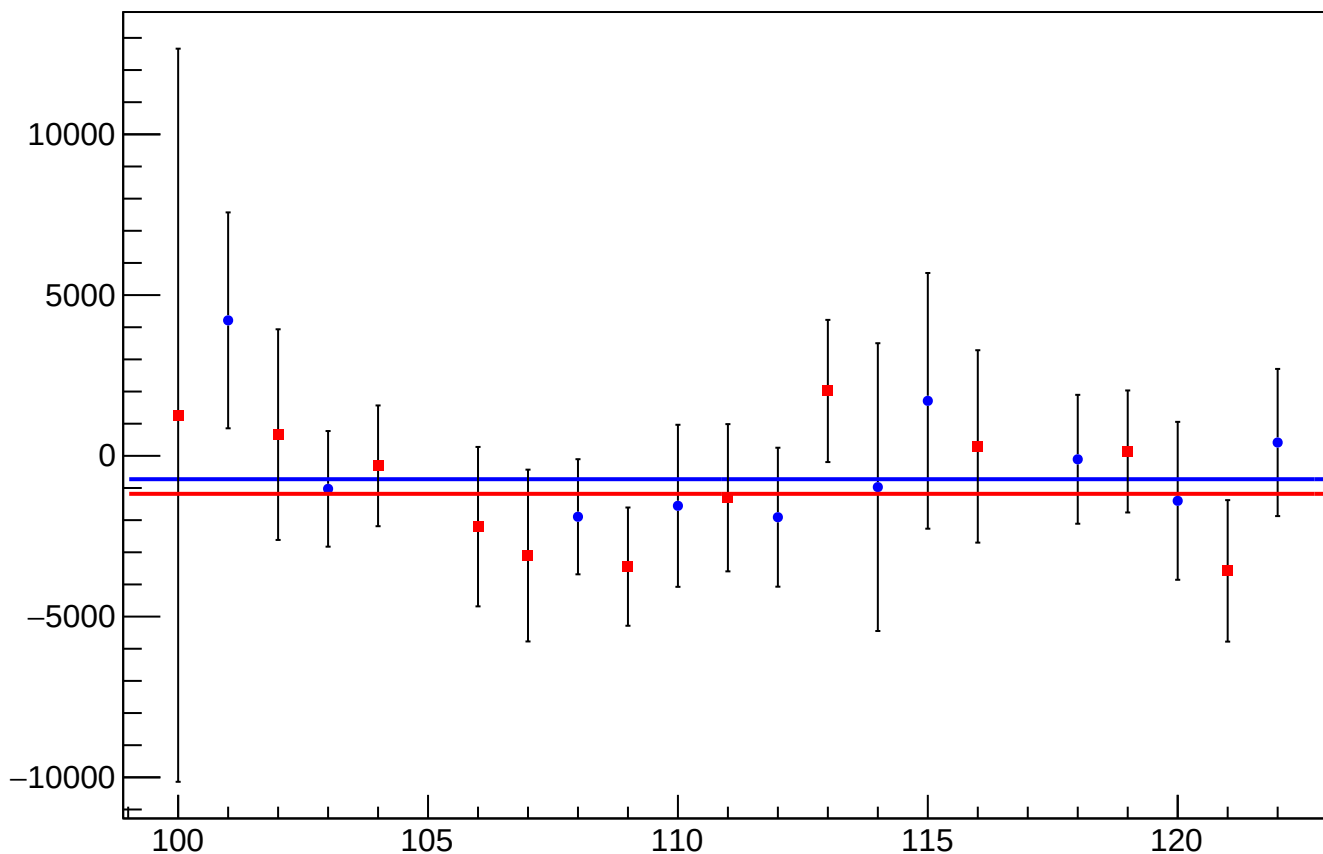
Right: 5264.460+/-1.293 χ^2/NDF : 615328.2/20

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

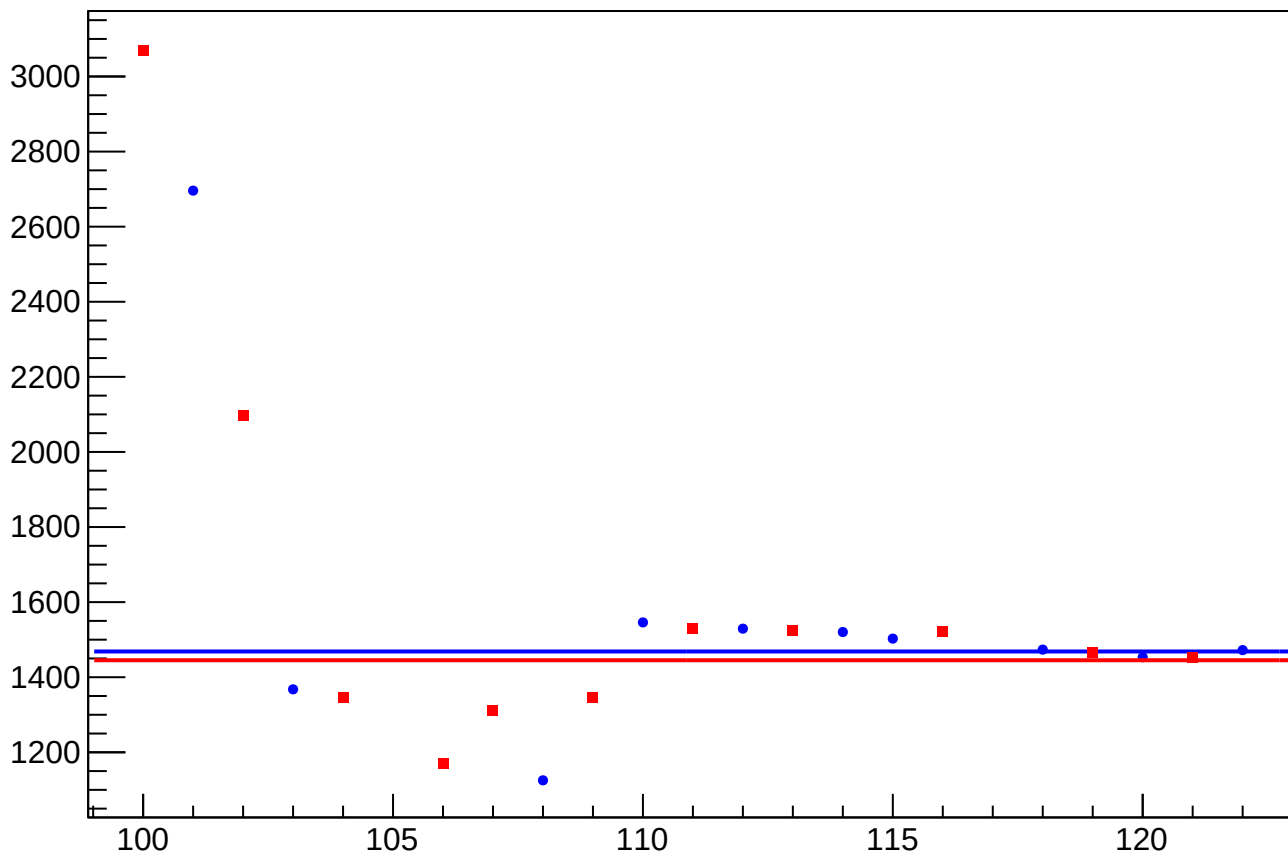
Right: -964.603+/-514.767 χ^2/NDF : 10.8/20

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

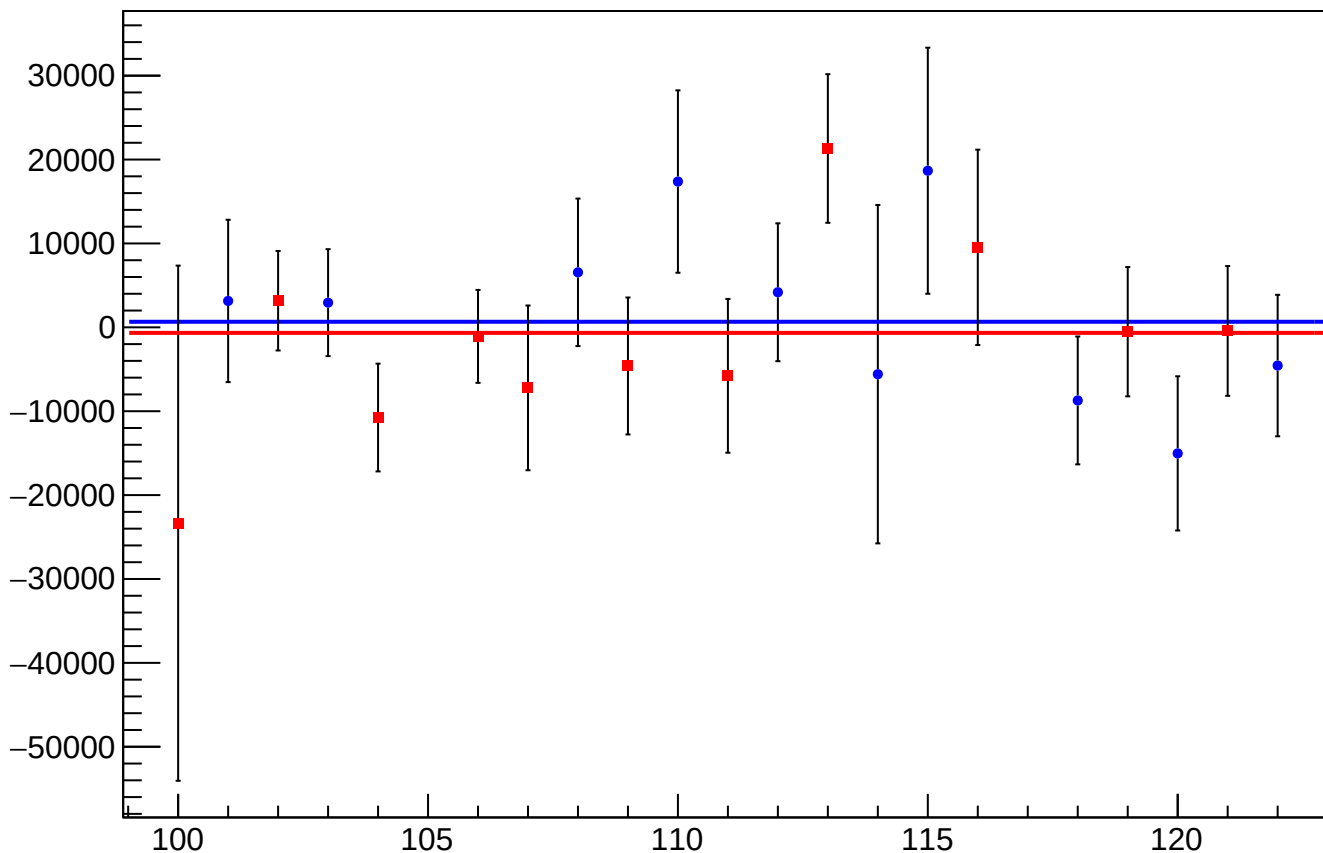
Right: 1456.332+/-0.364 χ^2/NDF : 519851.7/20

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

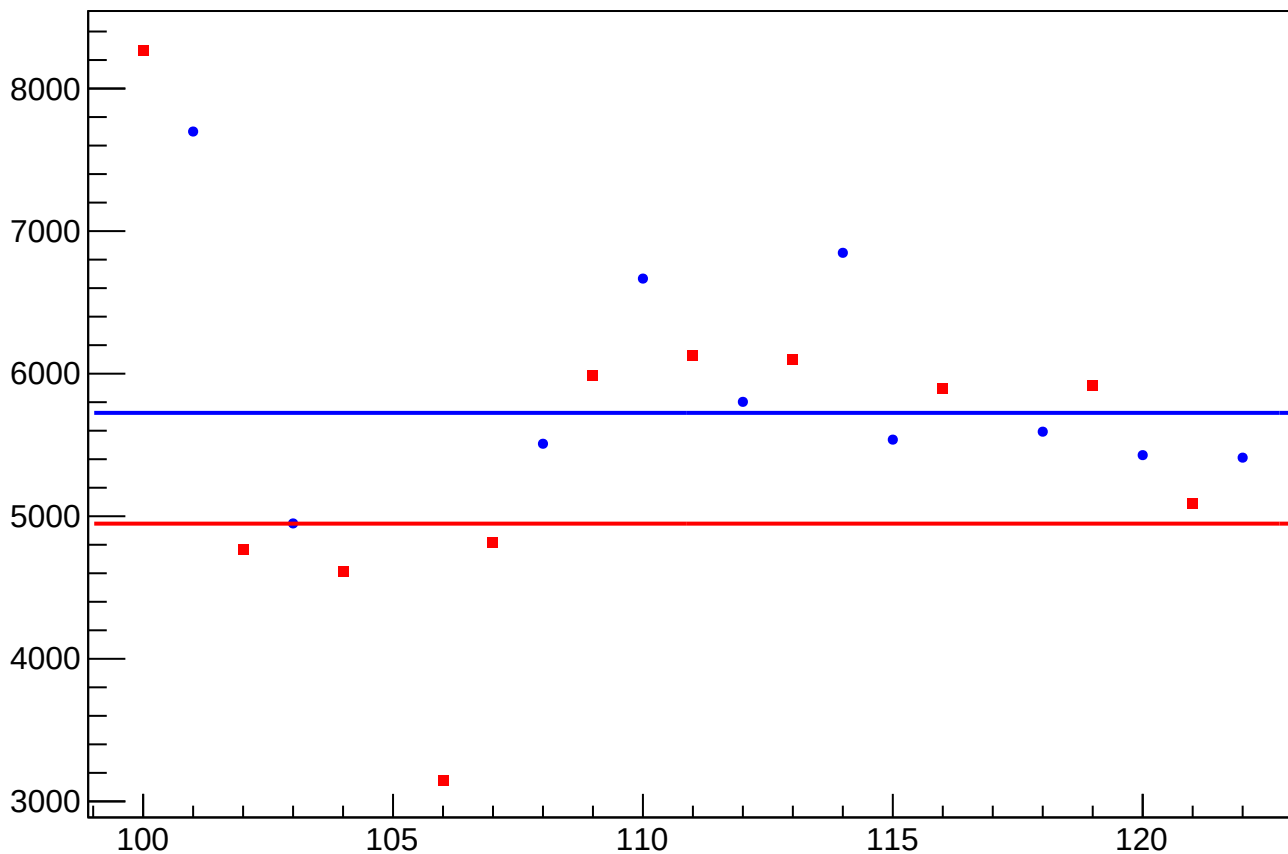
Right: -122.693+/-1828.887 χ^2/NDF : 21.1/20

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

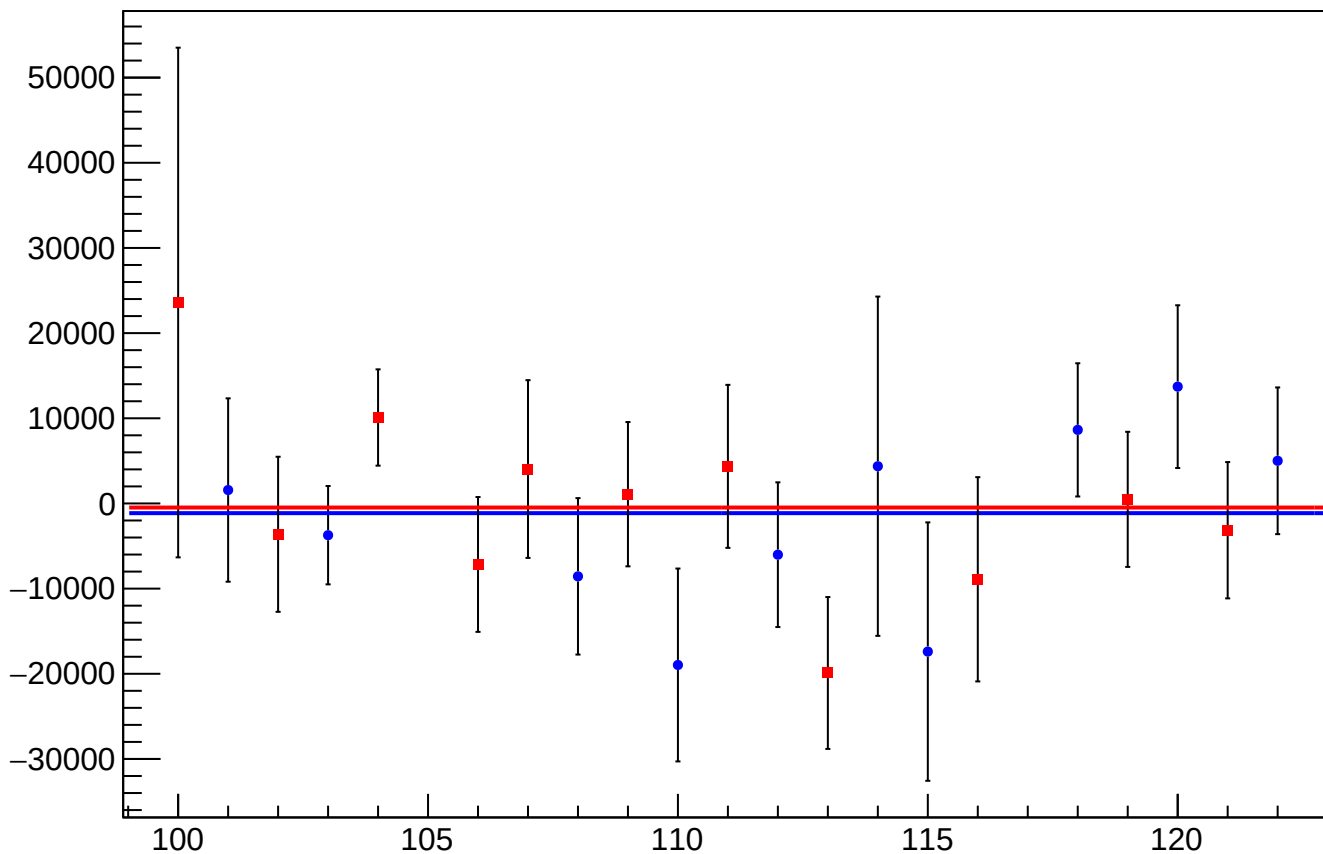
Right: 5264.448+/-1.293 χ^2/NDF : 615327.9/20

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

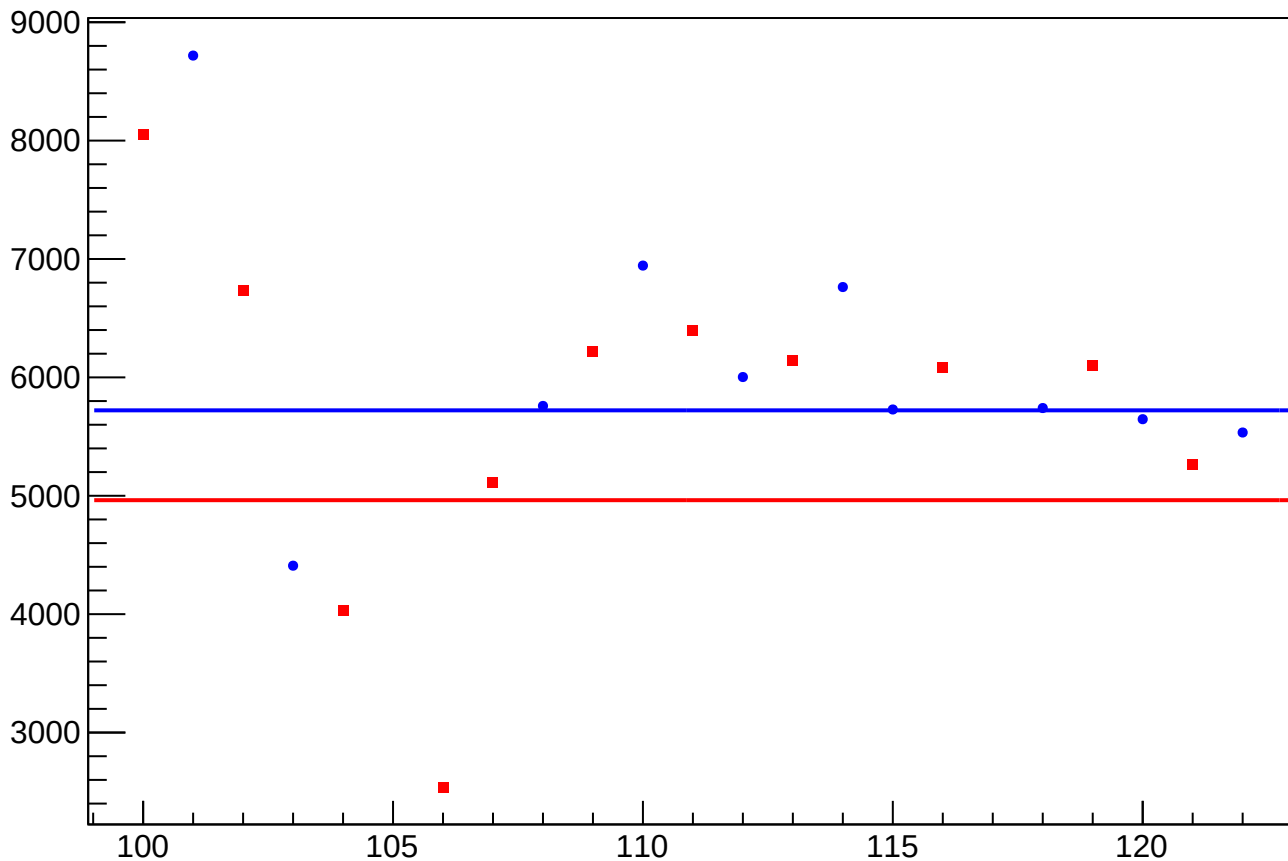
Right: -777.202+/-1941.472 χ^2/NDF : 20.3/20

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

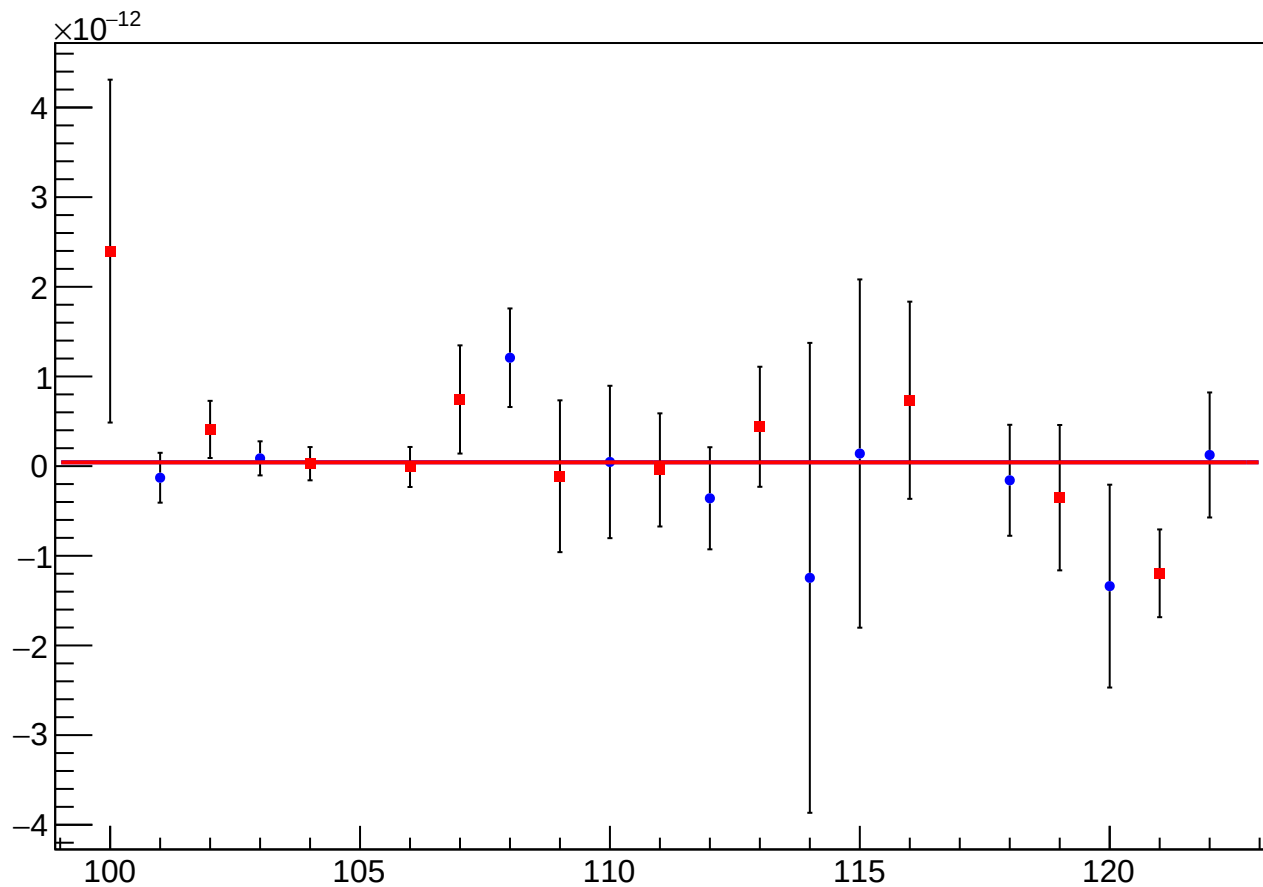
Right: 5286.730+/-1.335 χ^2/NDF : 1073114.0/20

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

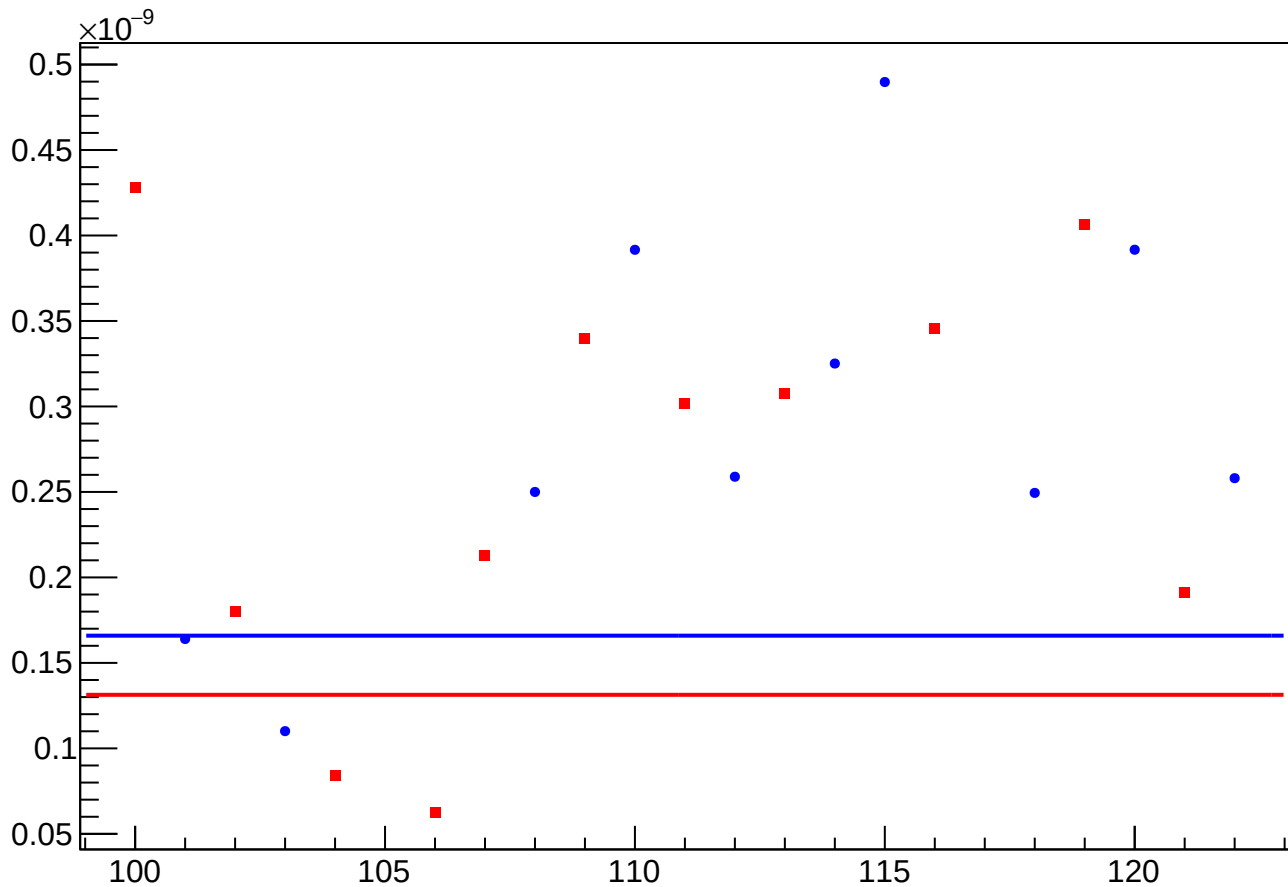
Right: 0.000+/-0.000 χ^2/NDF : 19.0/20

In: 0.000+/-0.000 χ^2/NDF : 7.3/9

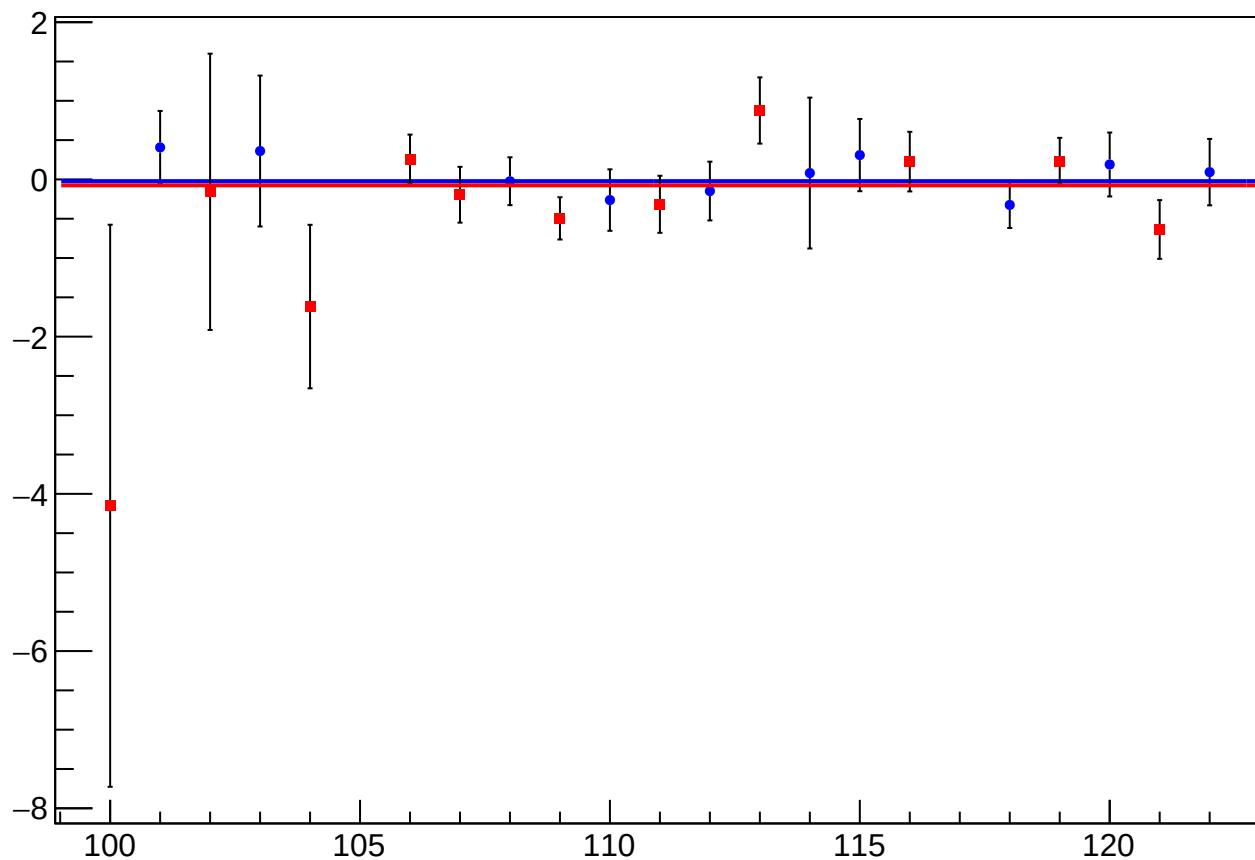
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



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

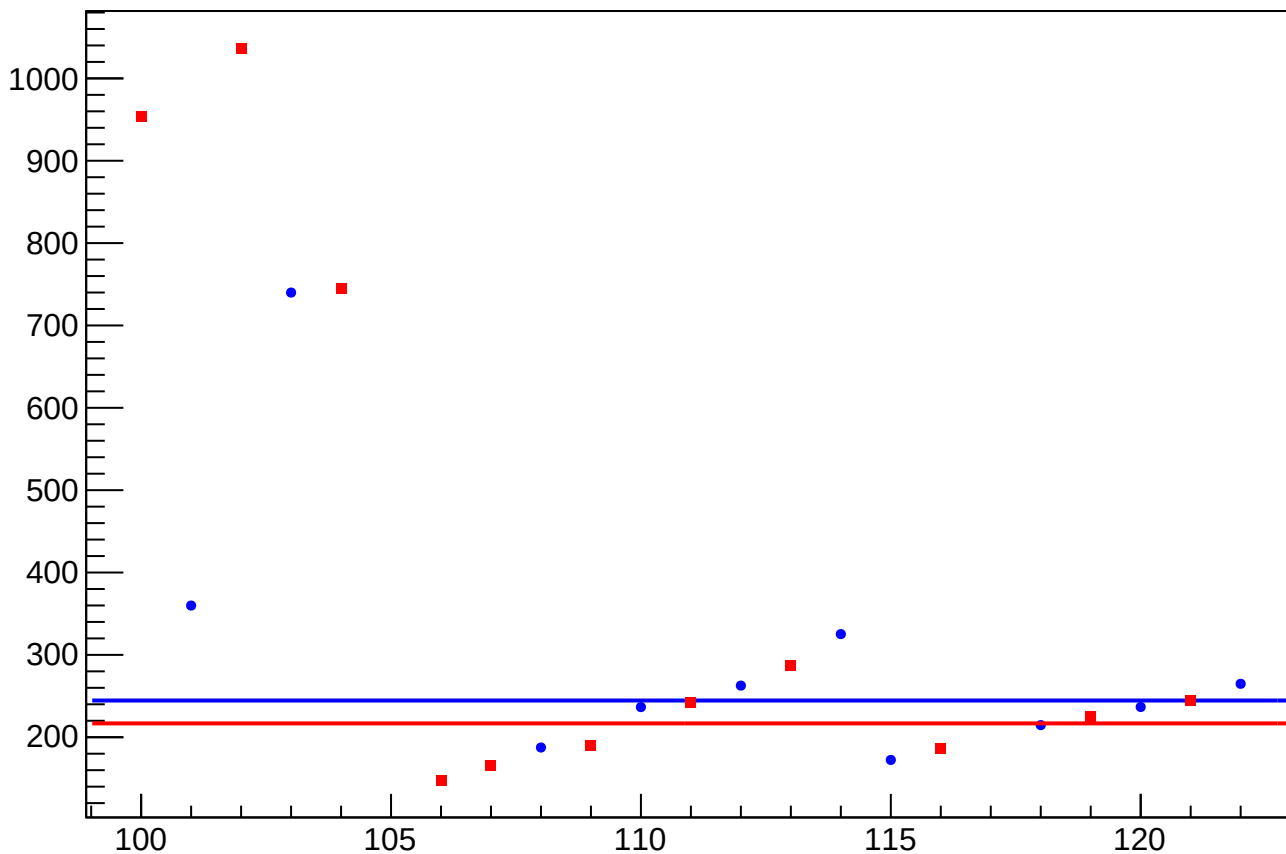
Right: -0.051 ± 0.087 χ^2/NDF : 20.3/20

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

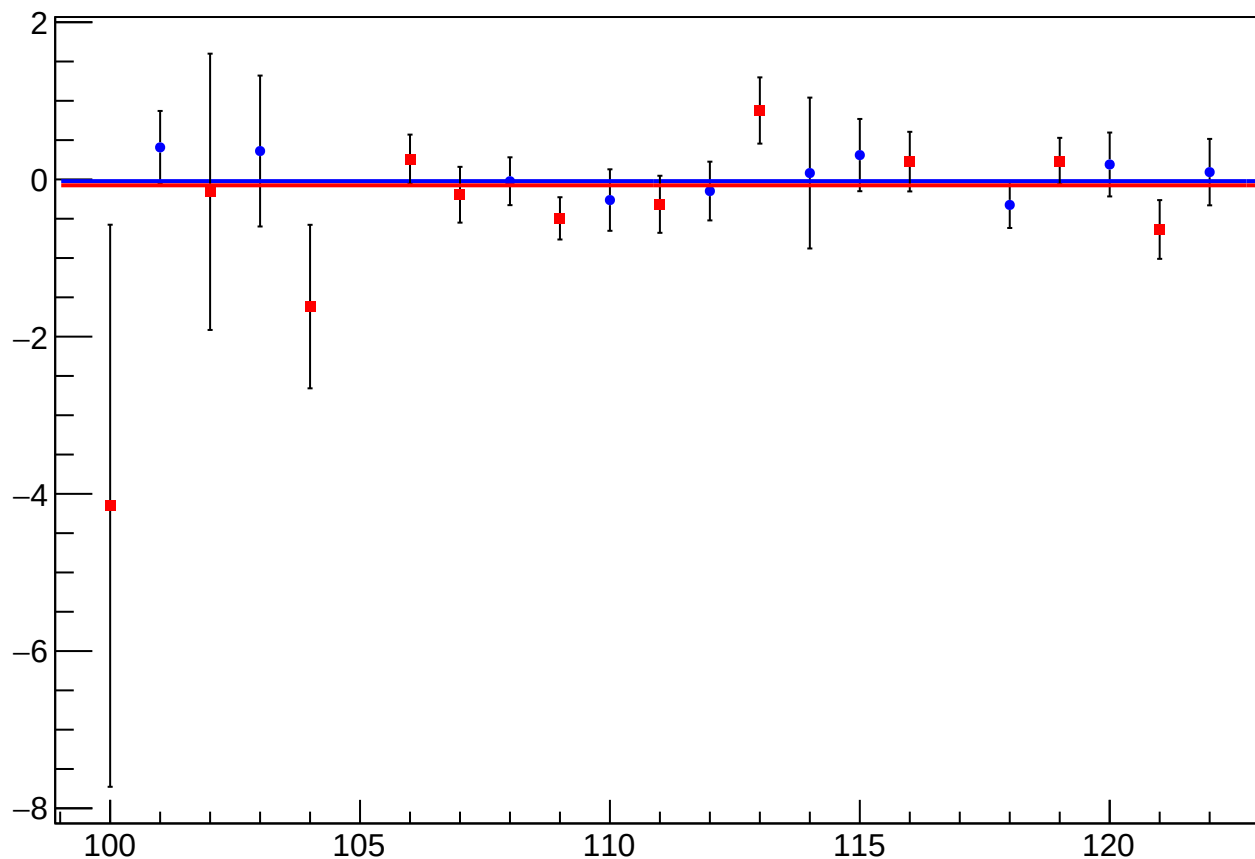
Right: 229.344+/-0.062 χ^2/NDF : 2158983.7/20

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

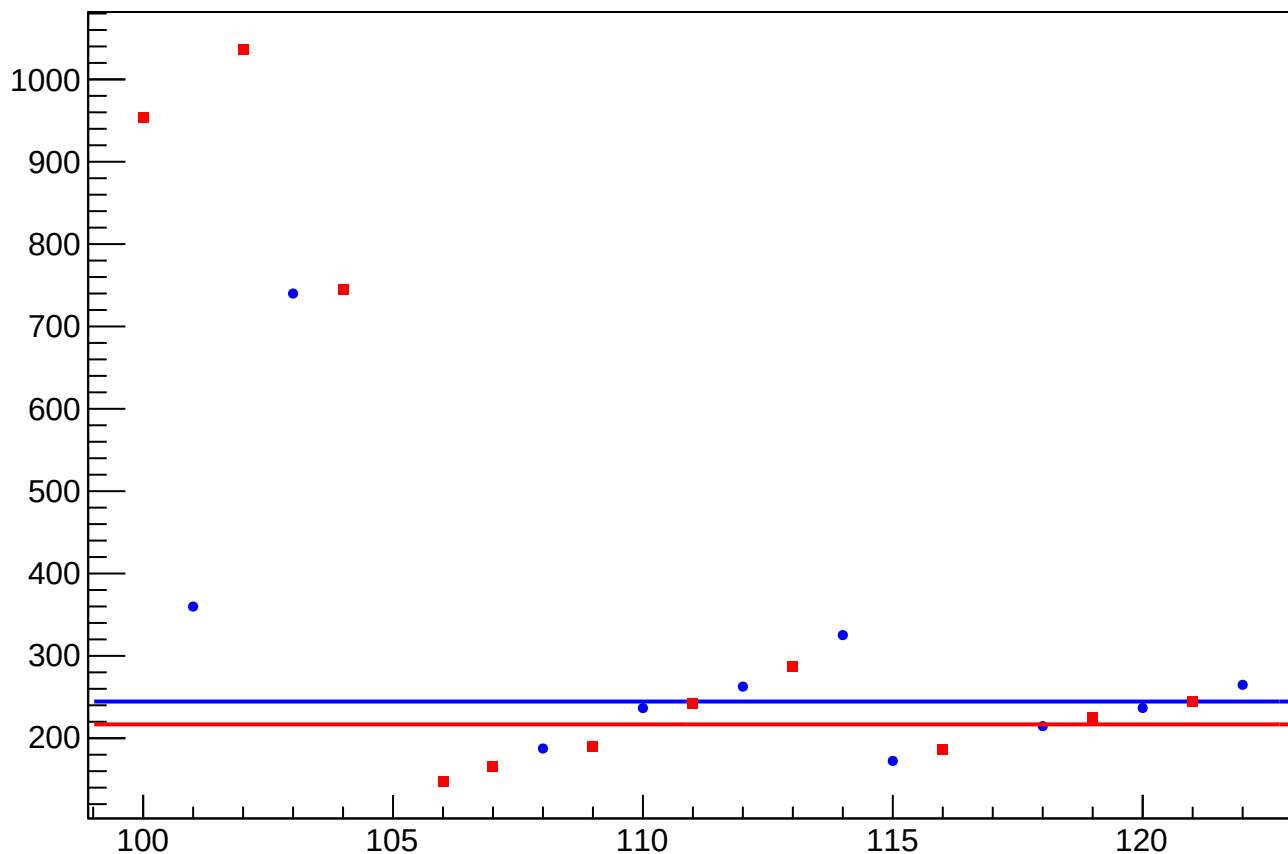
Right: -0.051 ± 0.087 χ^2/NDF : 20.3/20

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

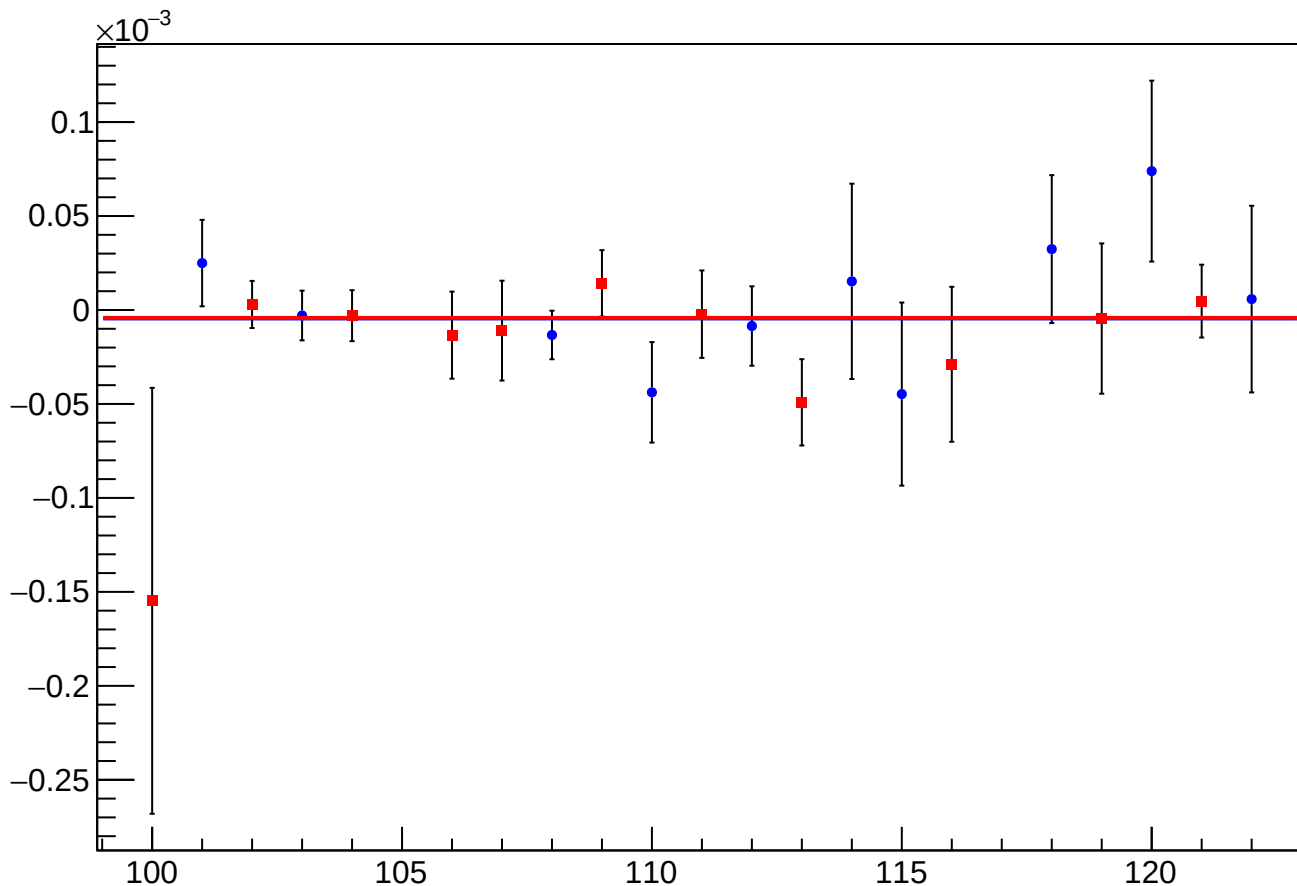
Right: 229.344+/-0.062 χ^2/NDF : 2158983.7/20

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

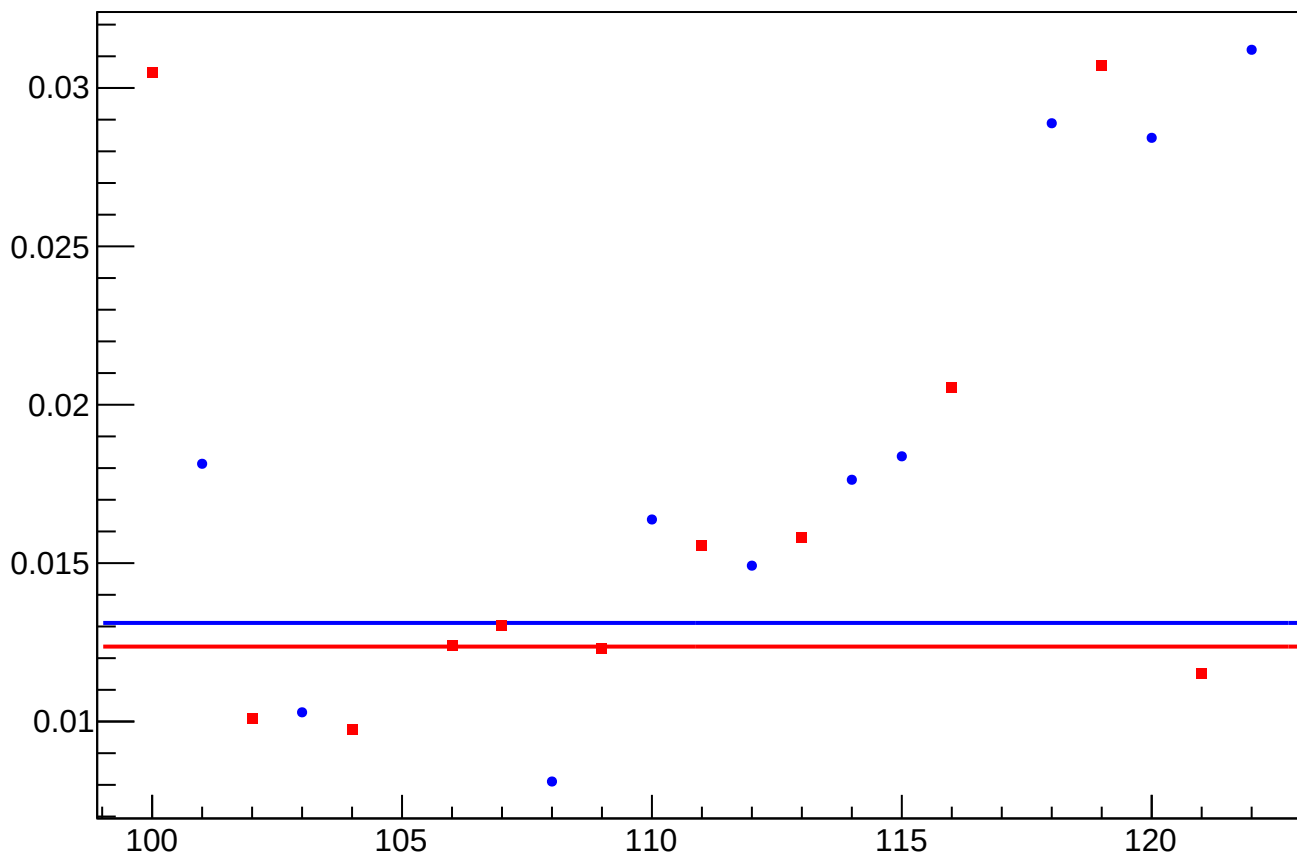
asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

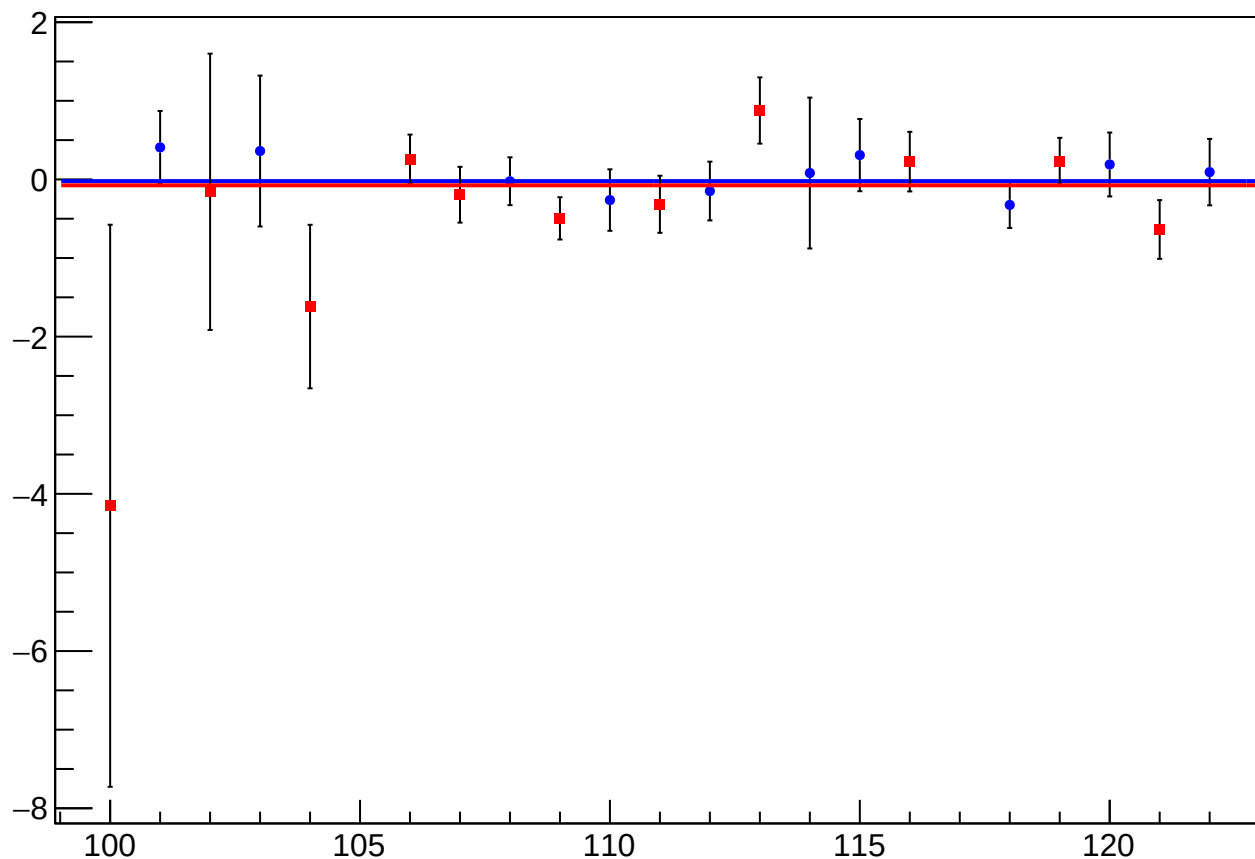
Right: 0.013+/-0.000 χ^2/NDF : 2149932.4/20

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

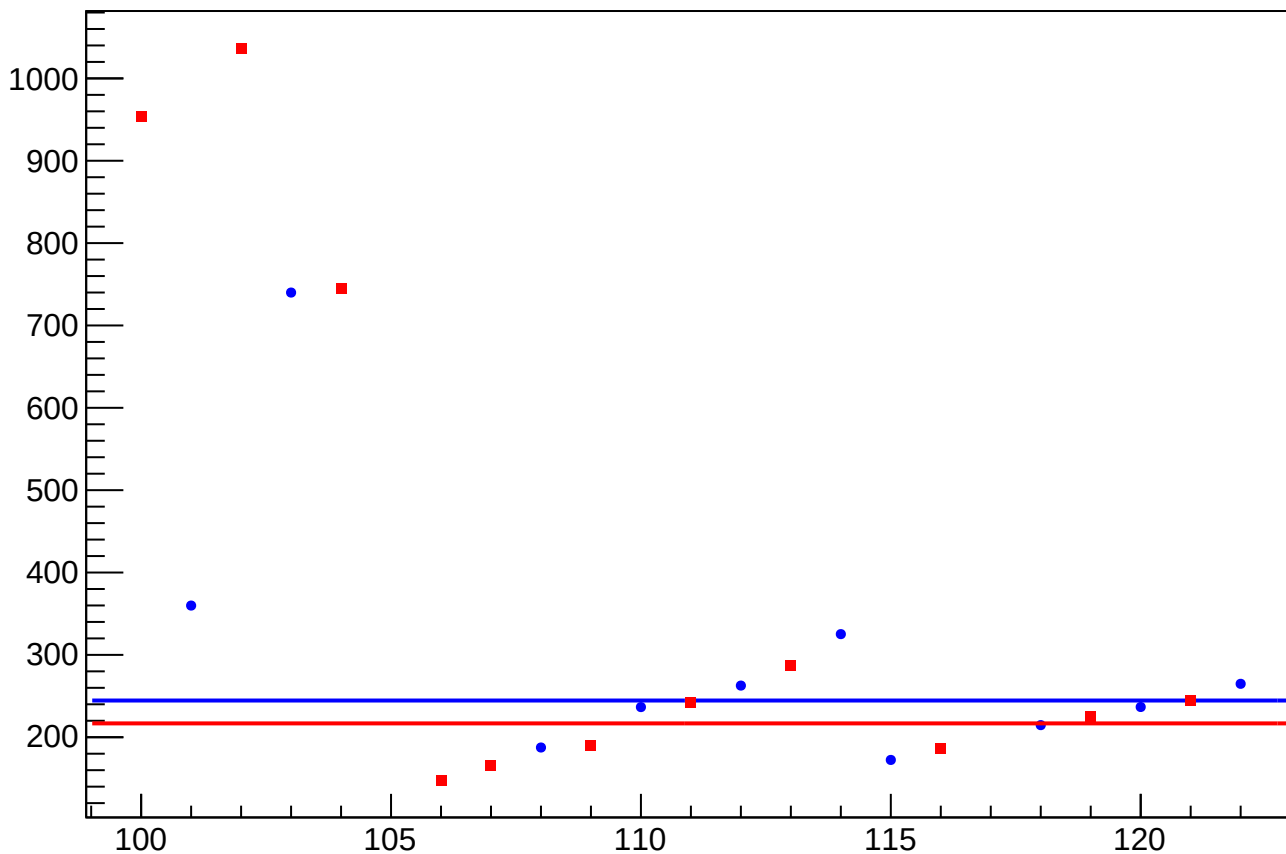
Right: -0.051 ± 0.087 χ^2/NDF : 20.3/20

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

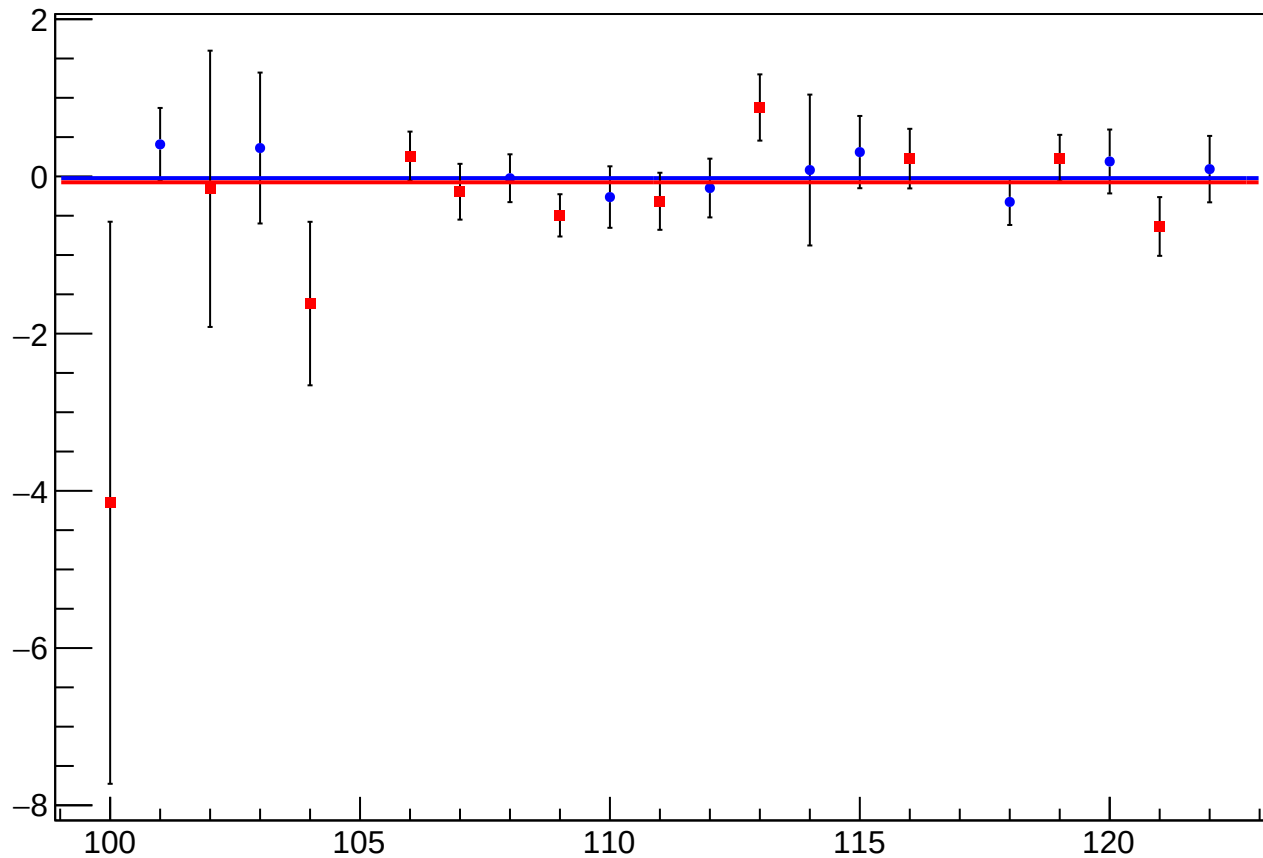
Right: 229.345+/-0.062 χ^2/NDF : 2158963.1/20

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

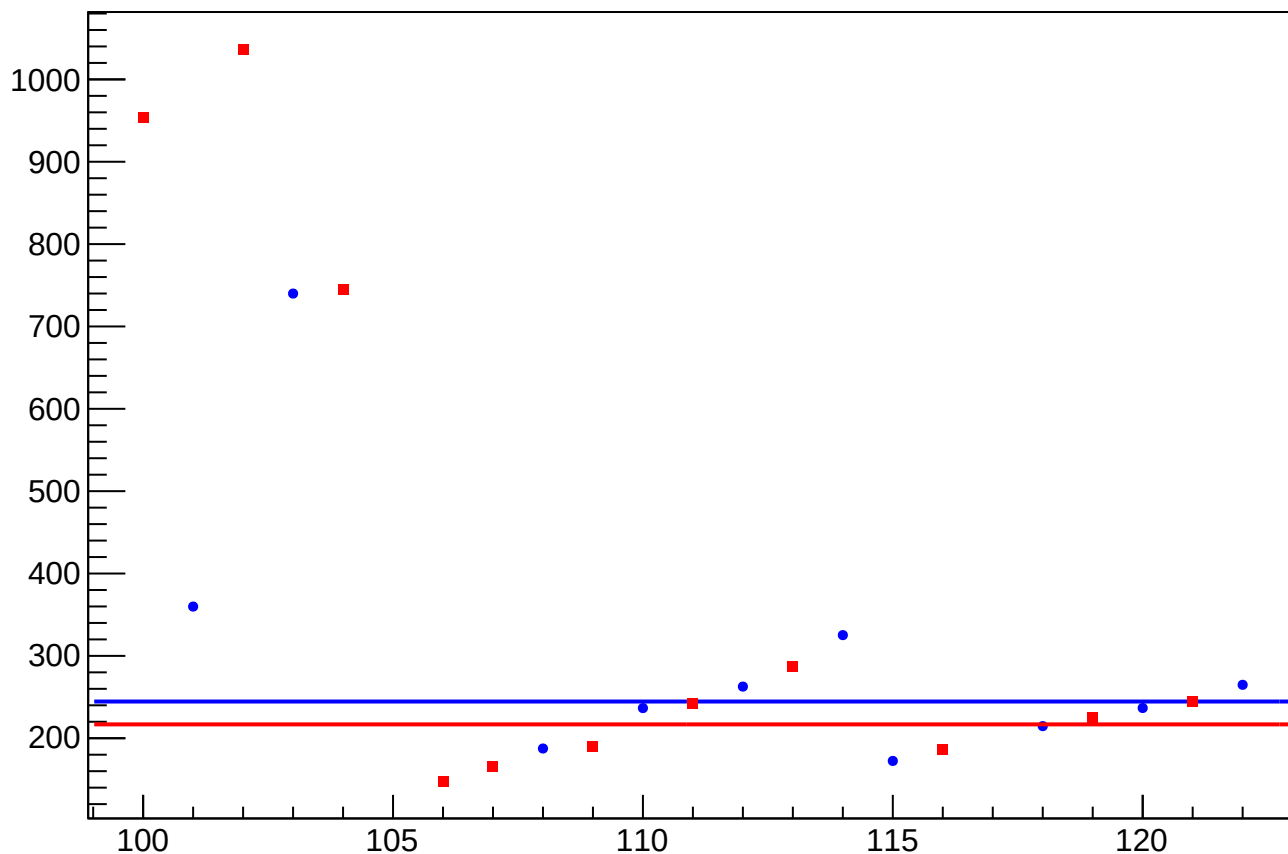
Right: -0.051+/-0.087 χ^2 /NDF: 20.3/20

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

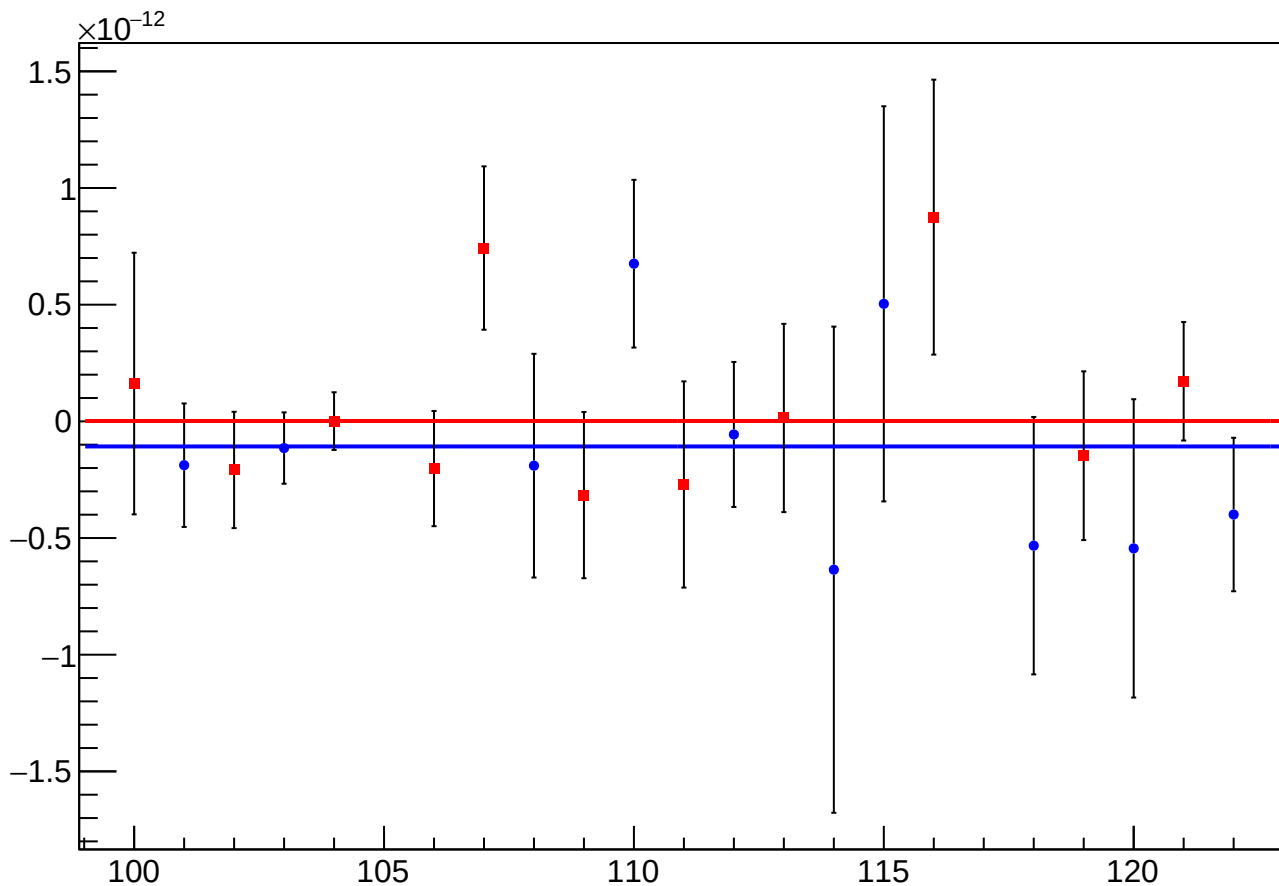
Right: 229.345+/-0.062 χ^2/NDF : 2158963.1/20

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

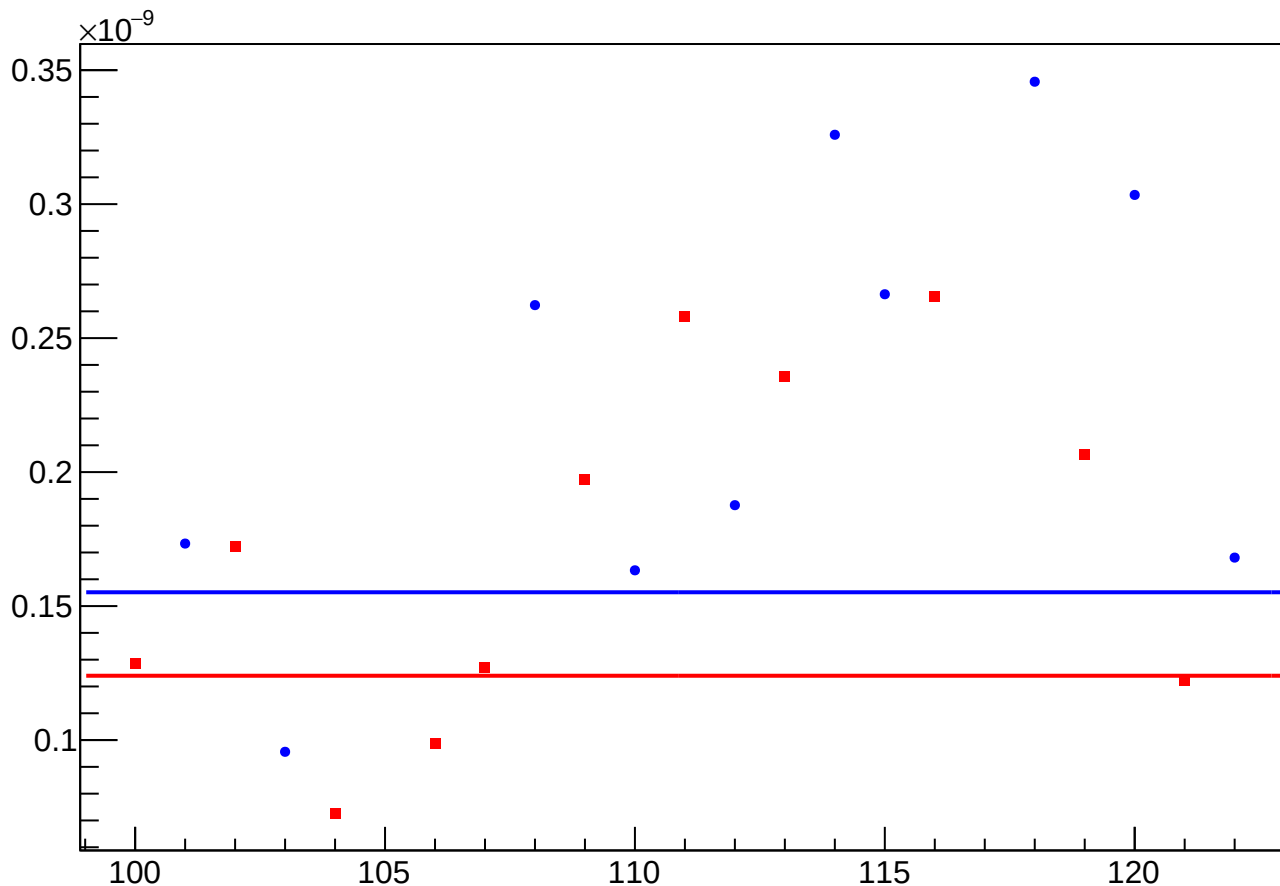
Right: -0.000 +/- 0.000 χ^2/NDF : 18.2/20

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

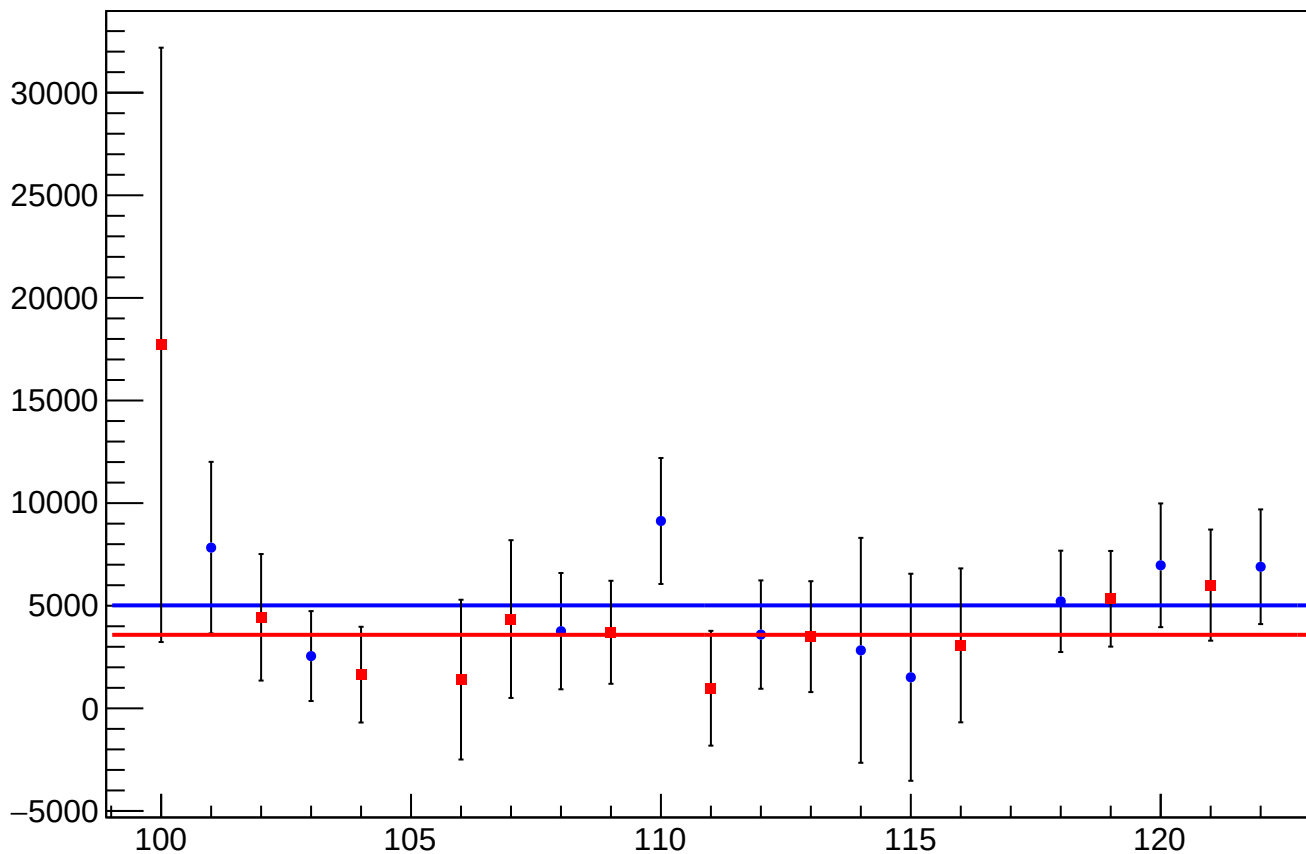
Right: 0.000+/-0.000 χ^2/NDF : 2072457.2/20

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

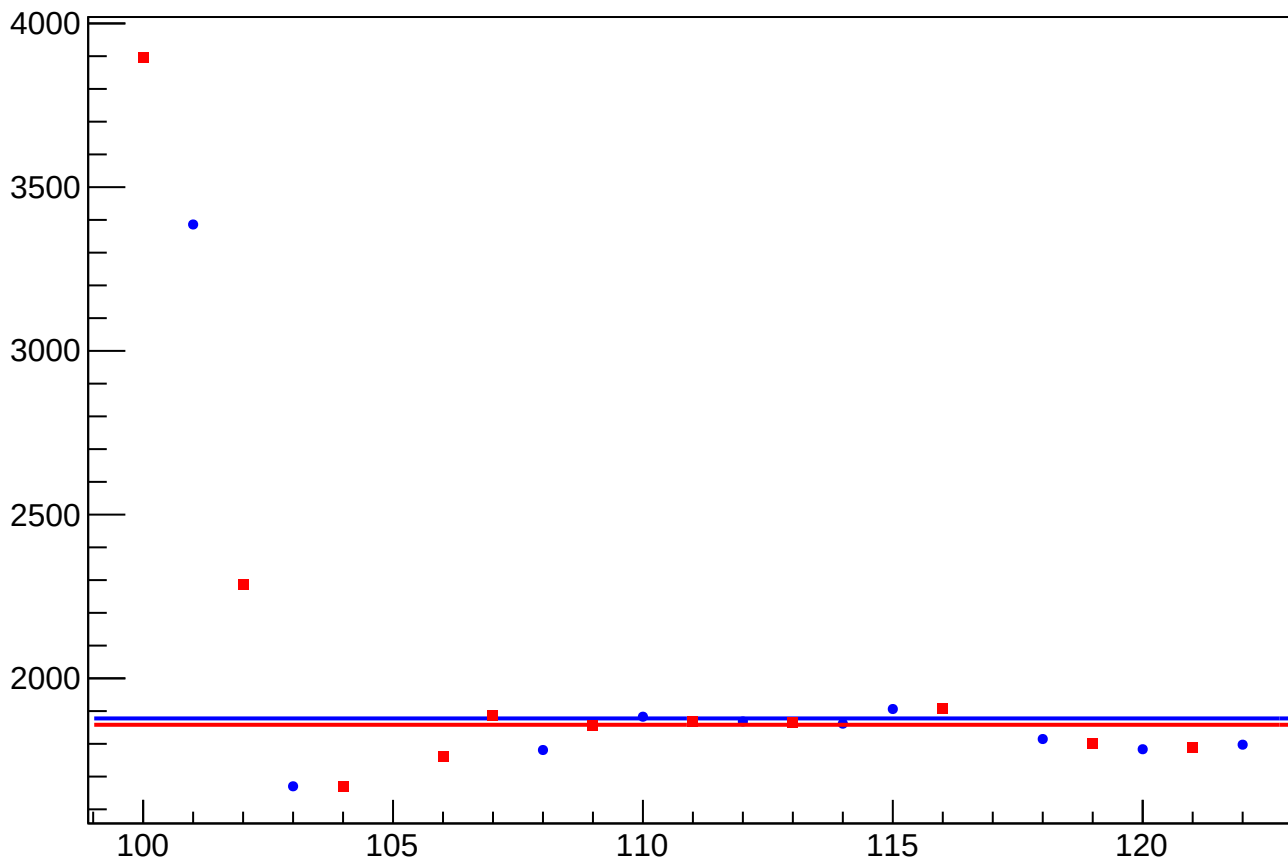
Right: 4261.128+/-651.334 χ^2/NDF : 11.1/20

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

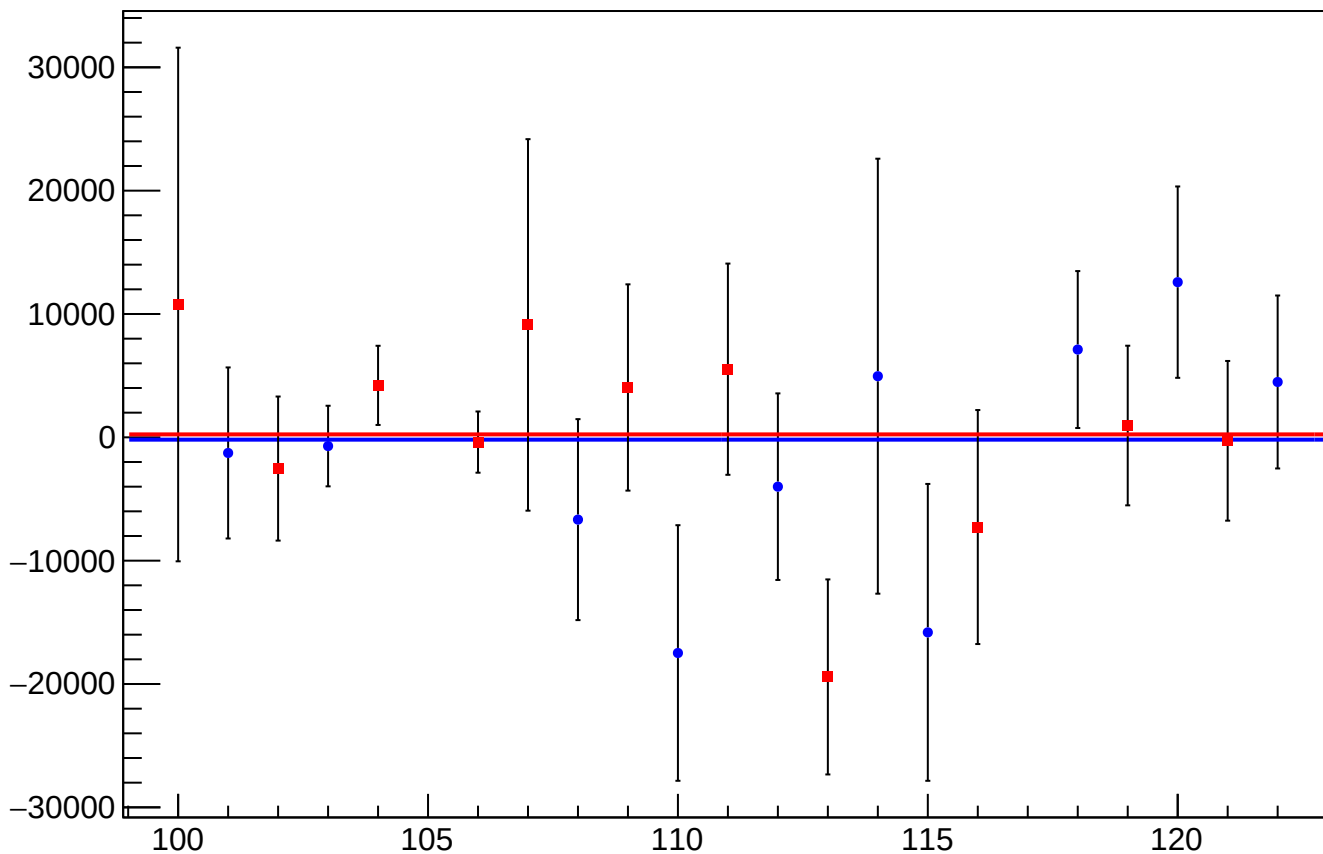
Right: 1867.302+/-0.459 χ^2/NDF : 381860.0/20

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

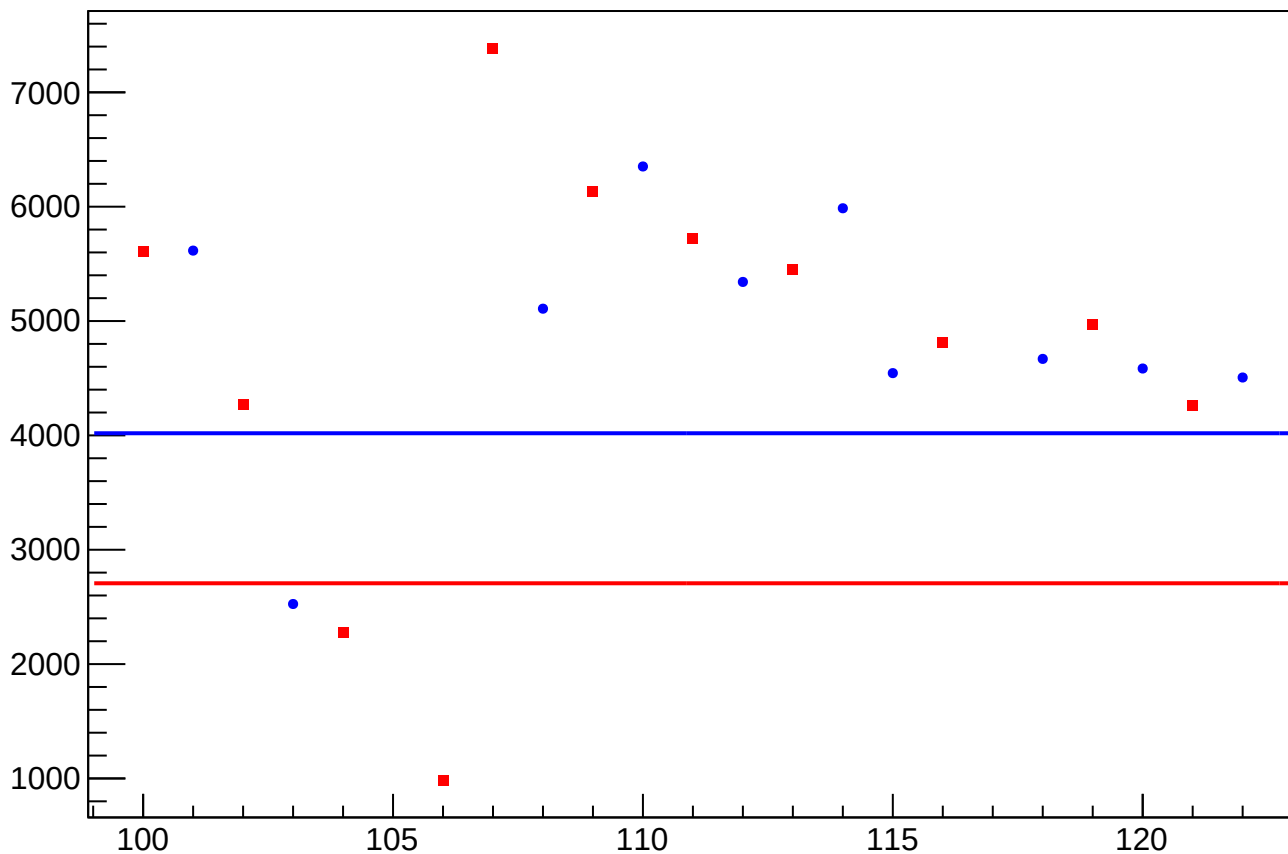
Right: 82.928+/-1263.509 χ^2/NDF : 19.8/20

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

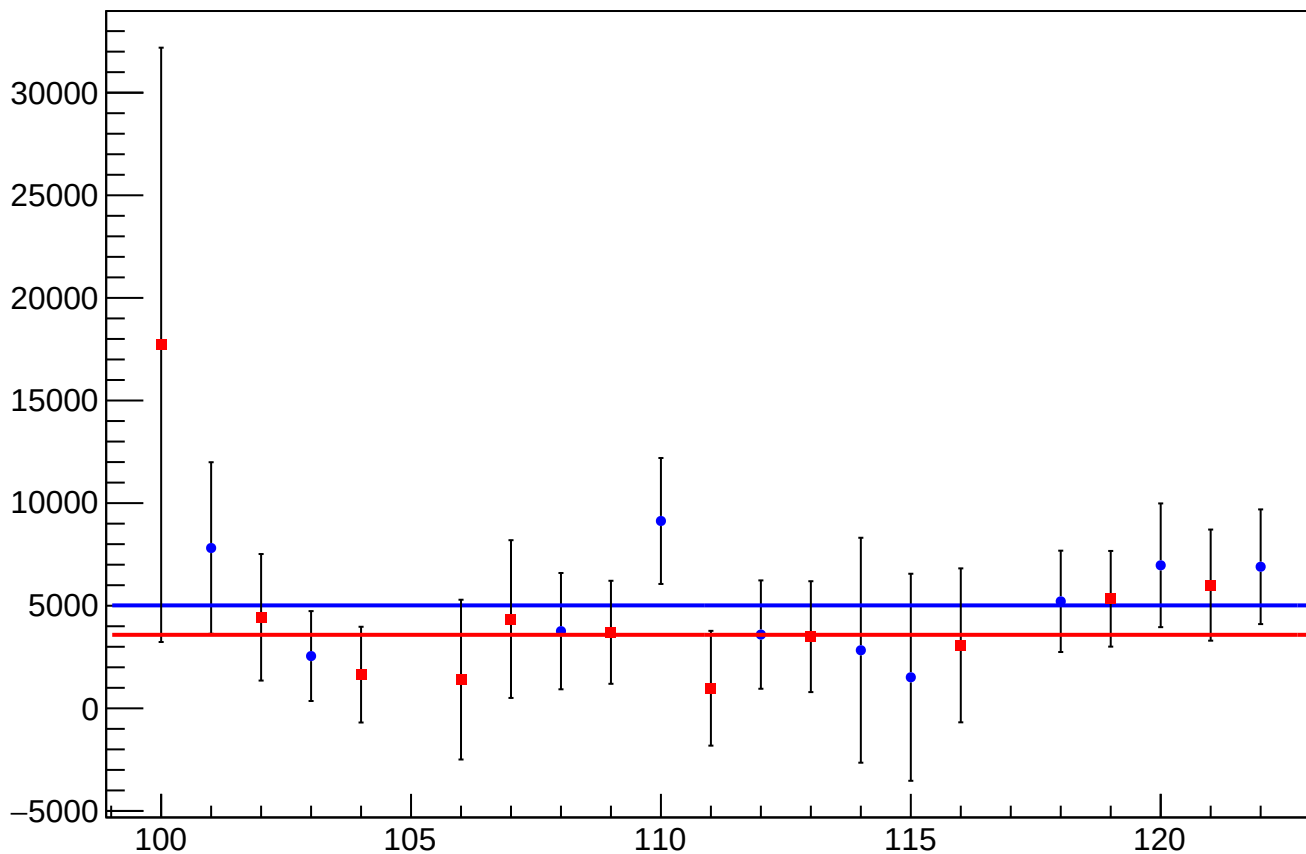
Right: 3184.491+/-0.893 χ^2/NDF : 3951421.9/20

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

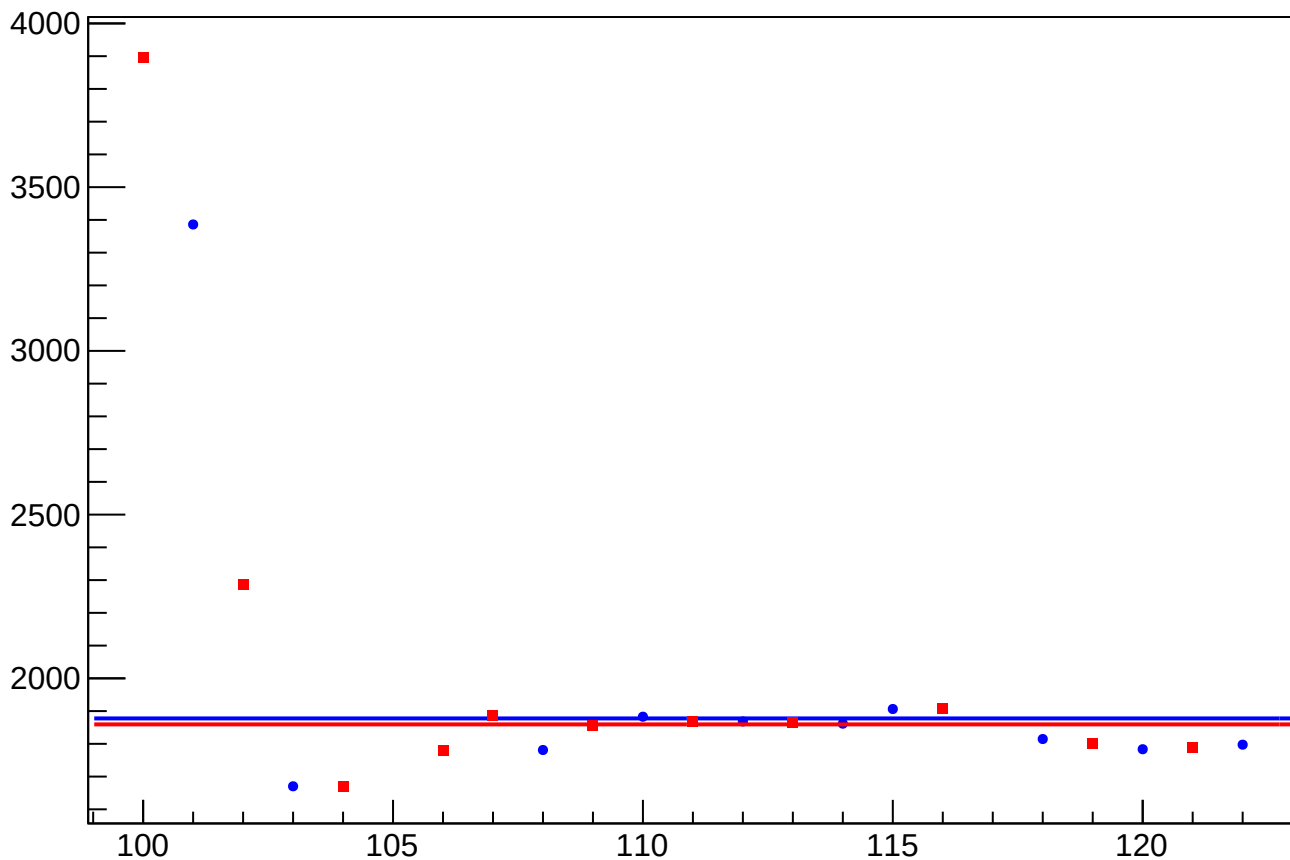
Right: 4260.626+/-651.335 χ^2/NDF : 11.1/20

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

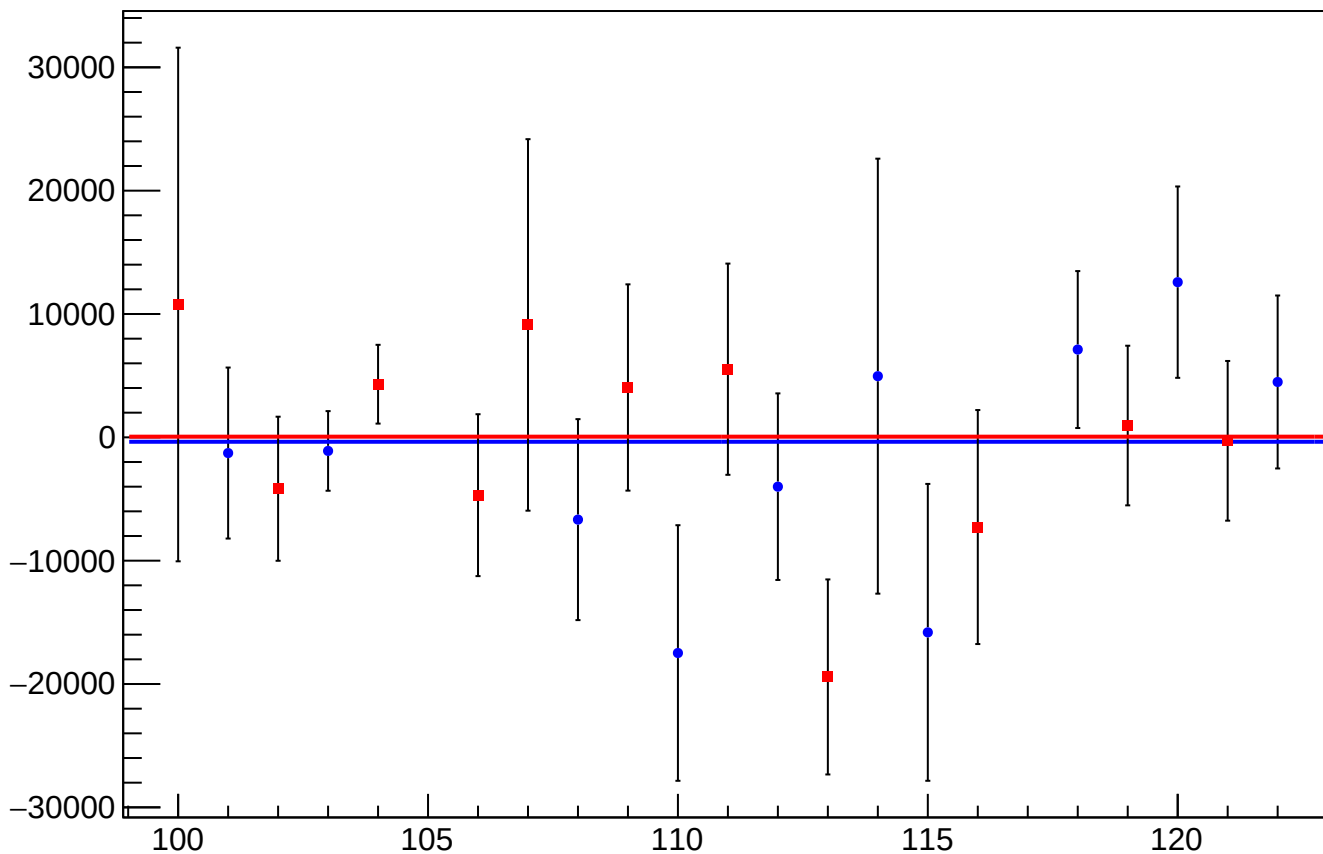
Right: 1867.929+/-0.459 χ^2/NDF : 381310.2/20

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

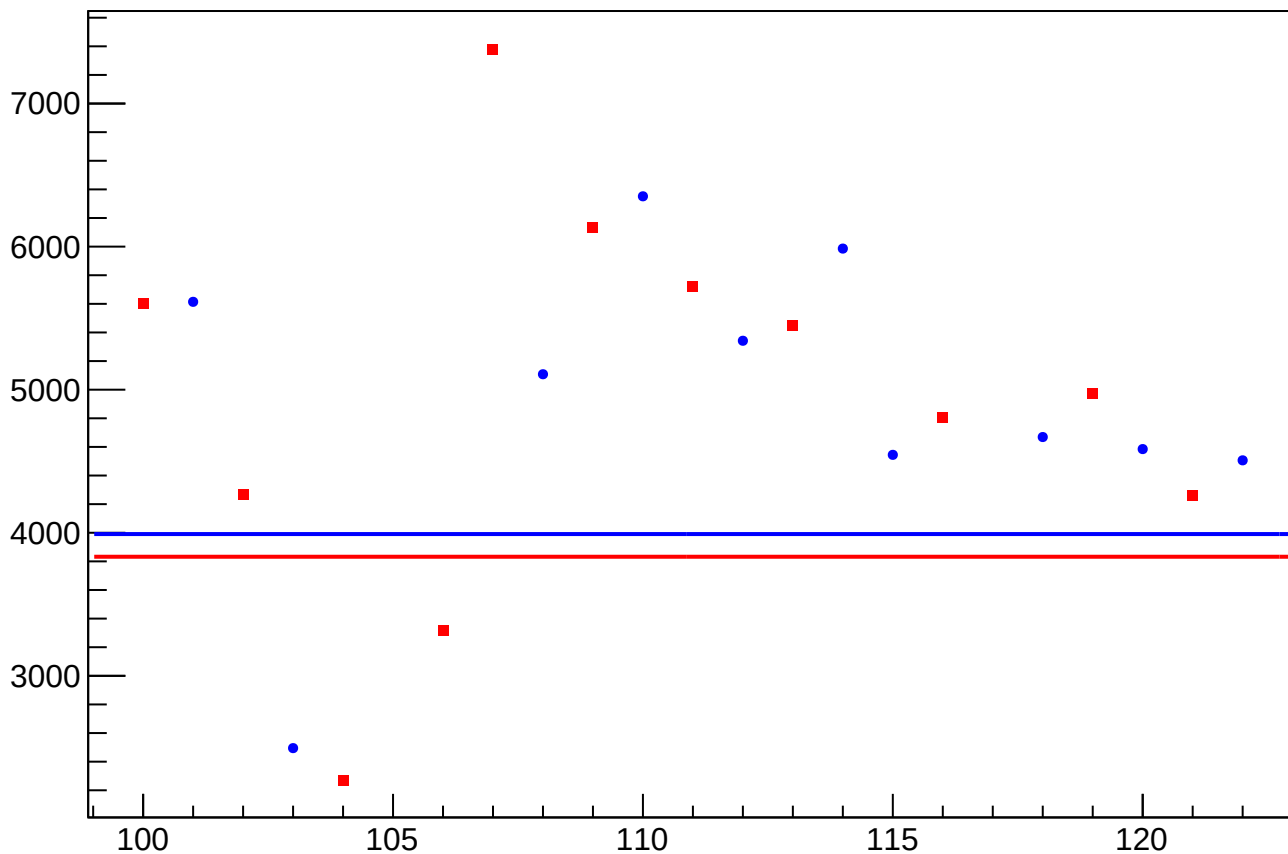
Right: -139.604+/-1427.878 χ^2/NDF : 20.8/20

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

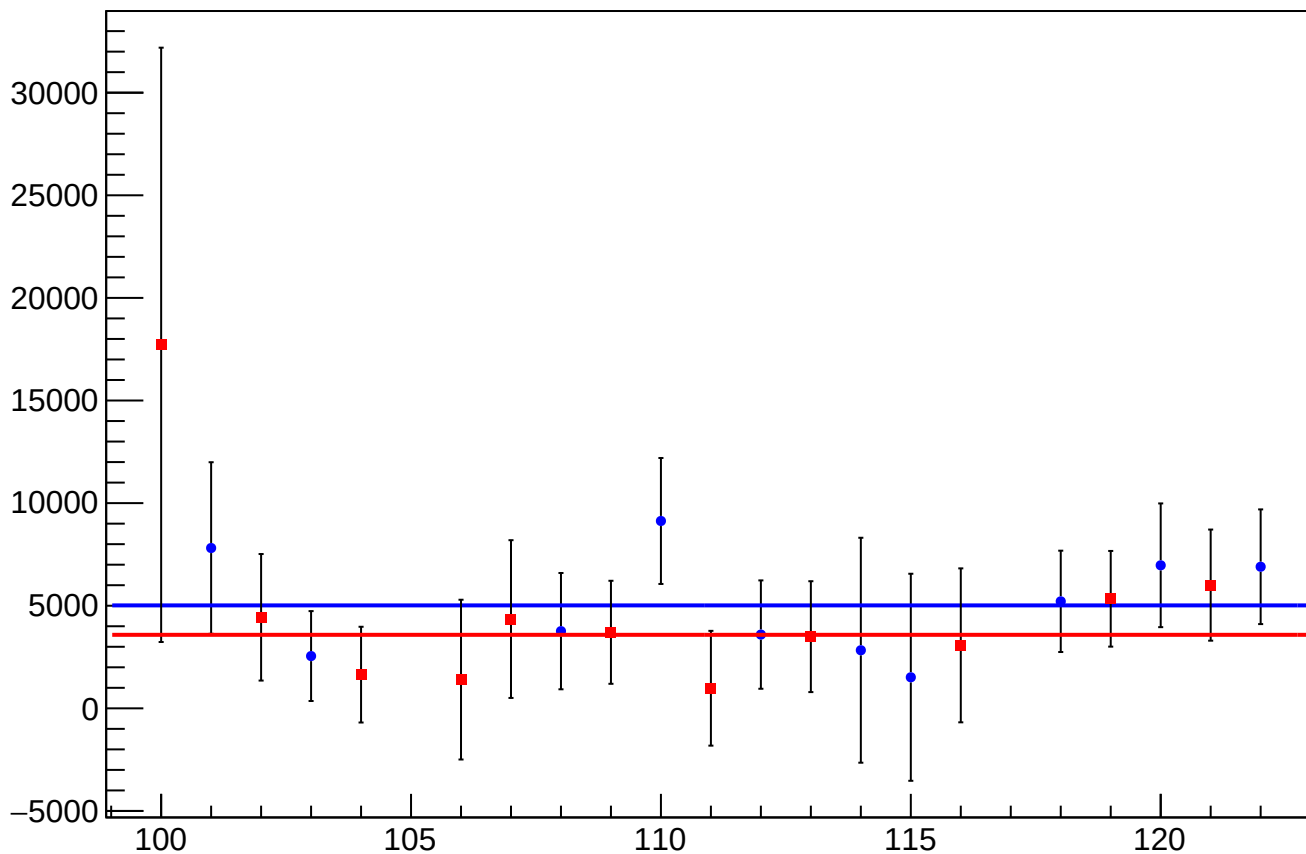
Right: 3906.839+/-1.010 χ^2/NDF : 1878374.6/20

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

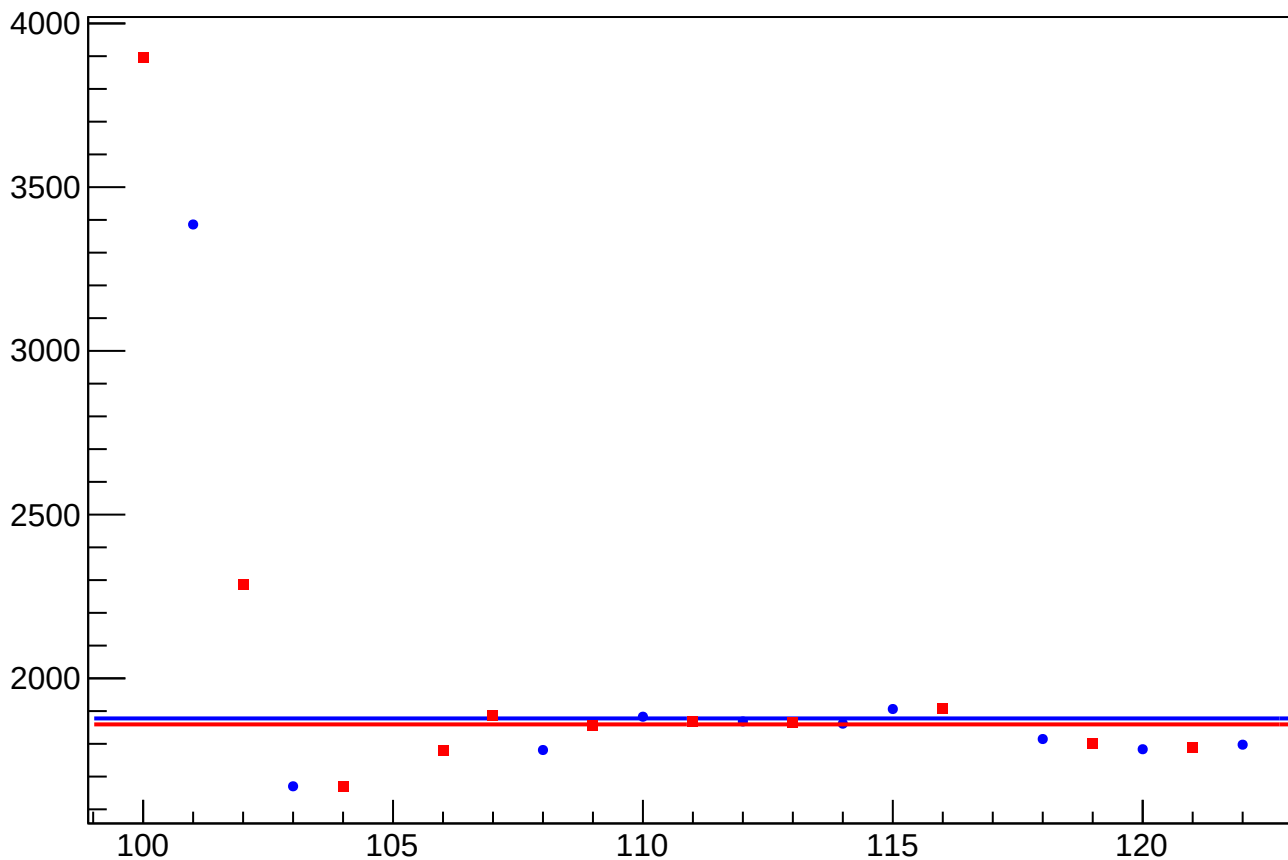
Right: 4260.626+/-651.335 χ^2/NDF : 11.1/20

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

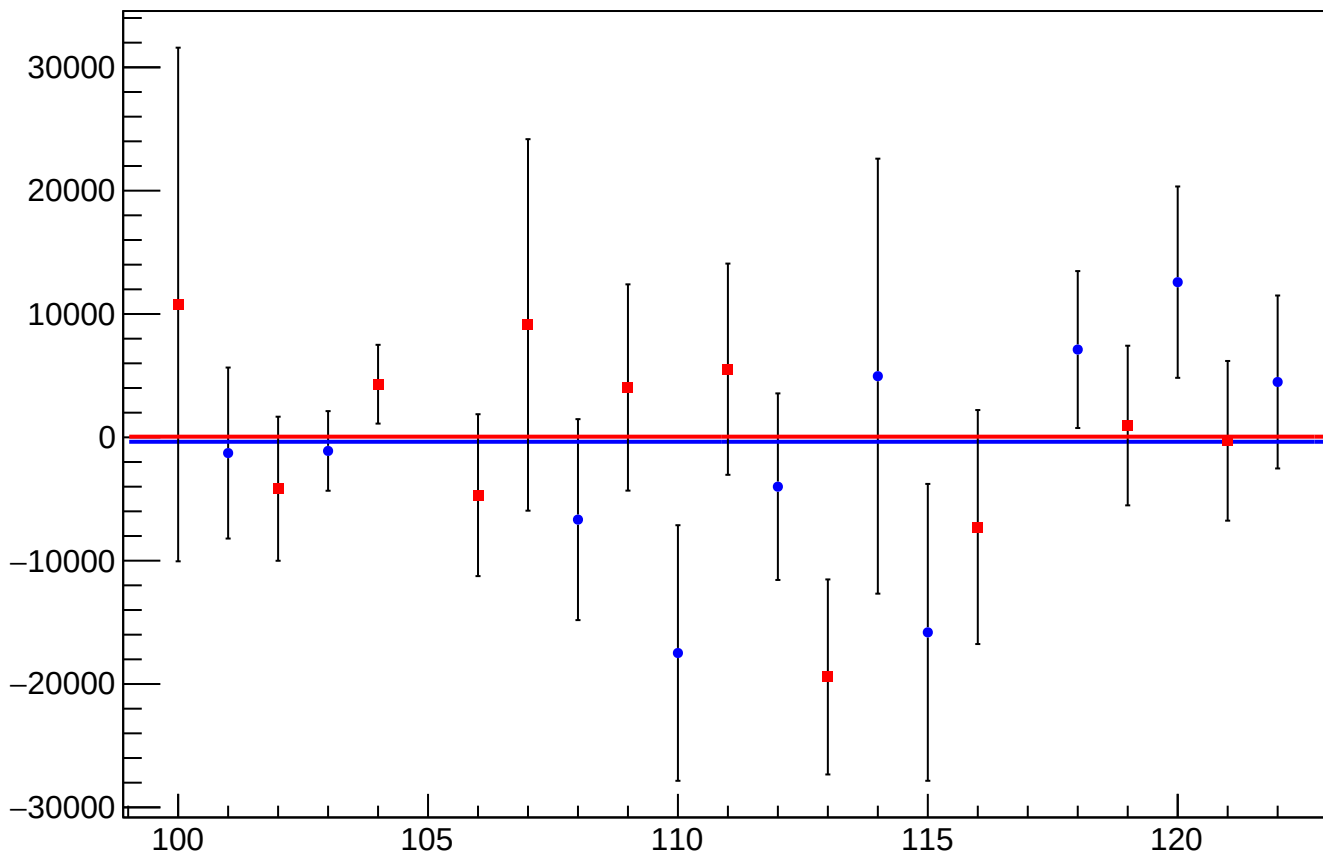
Right: 1867.929+/-0.459 χ^2/NDF : 381310.2/20

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

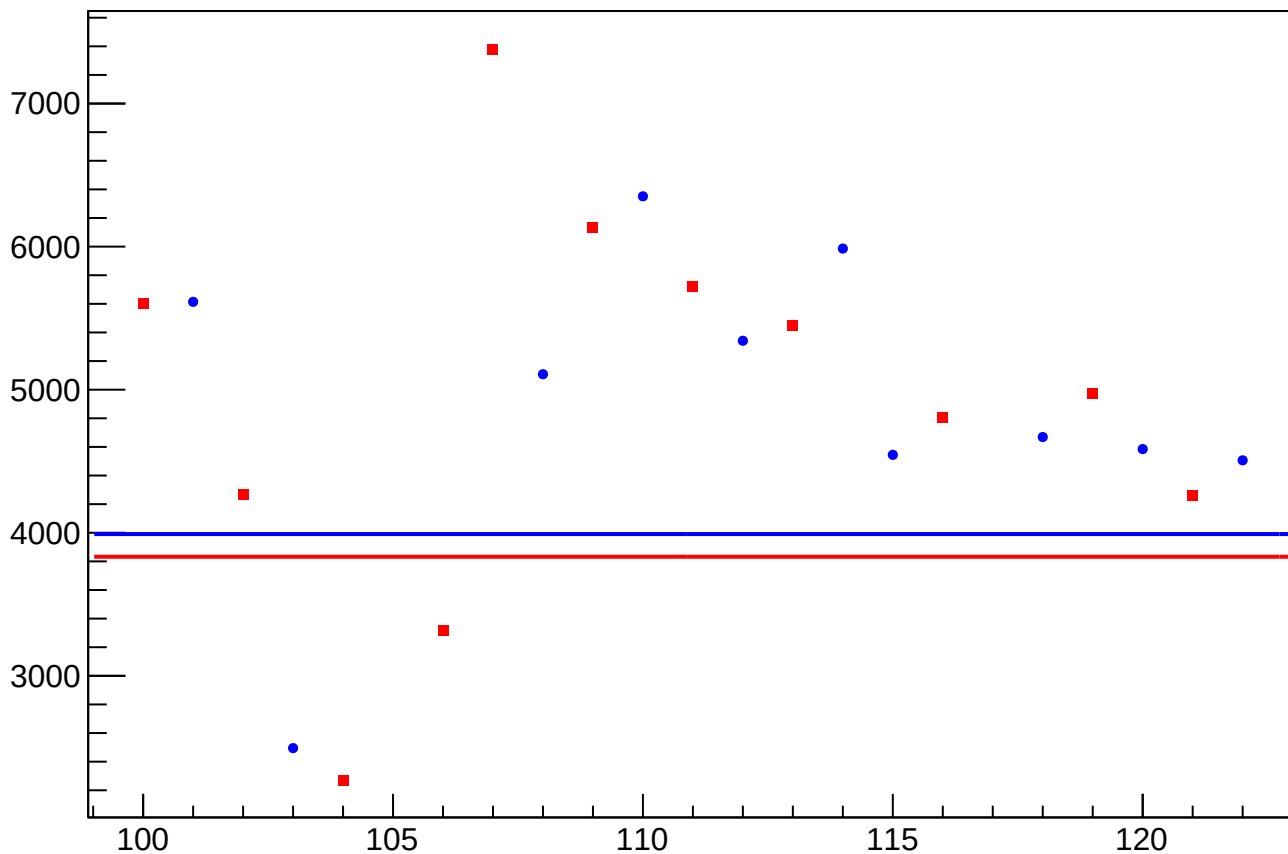
Right: -139.604+/-1427.878 χ^2/NDF : 20.8/20

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

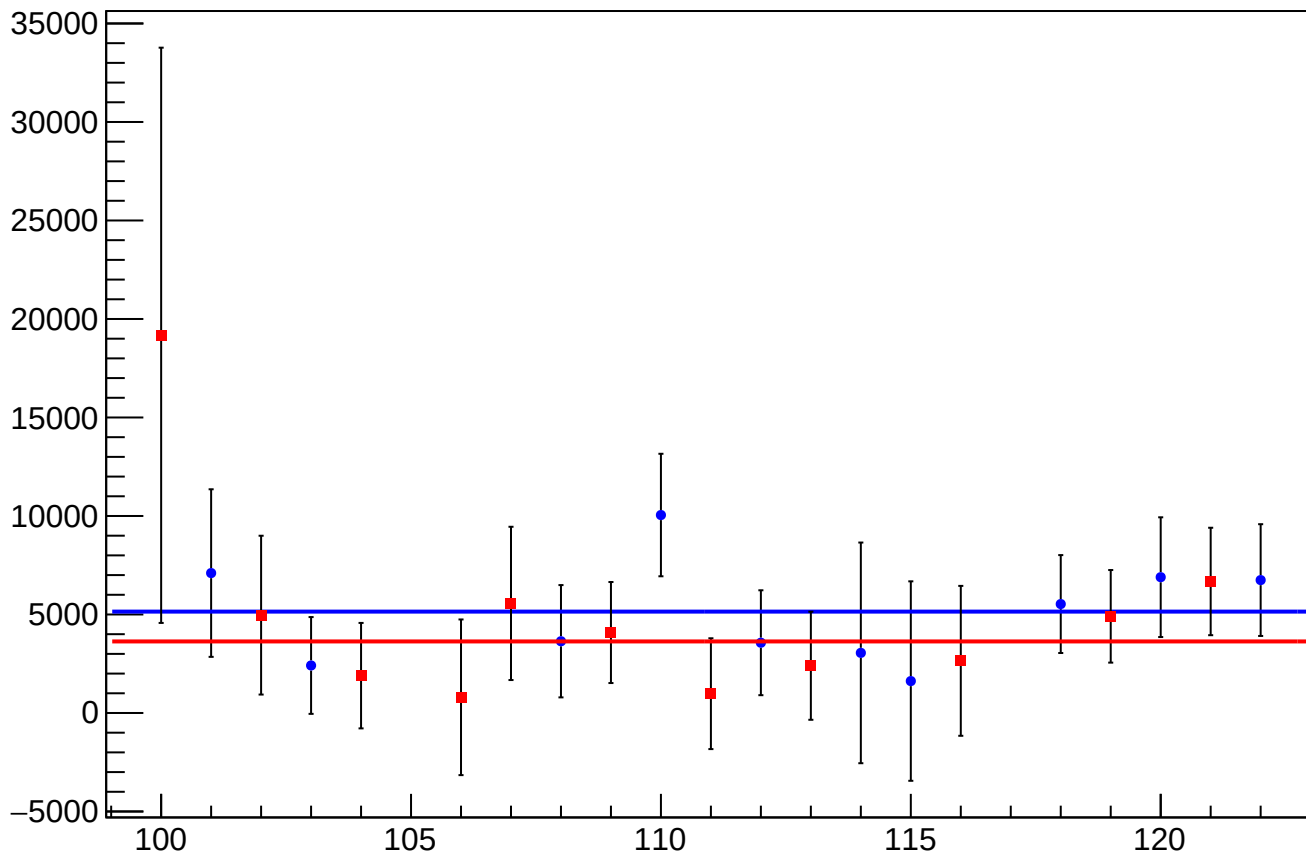
Right: 3906.839+/-1.010 χ^2/NDF : 1878374.6/20

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

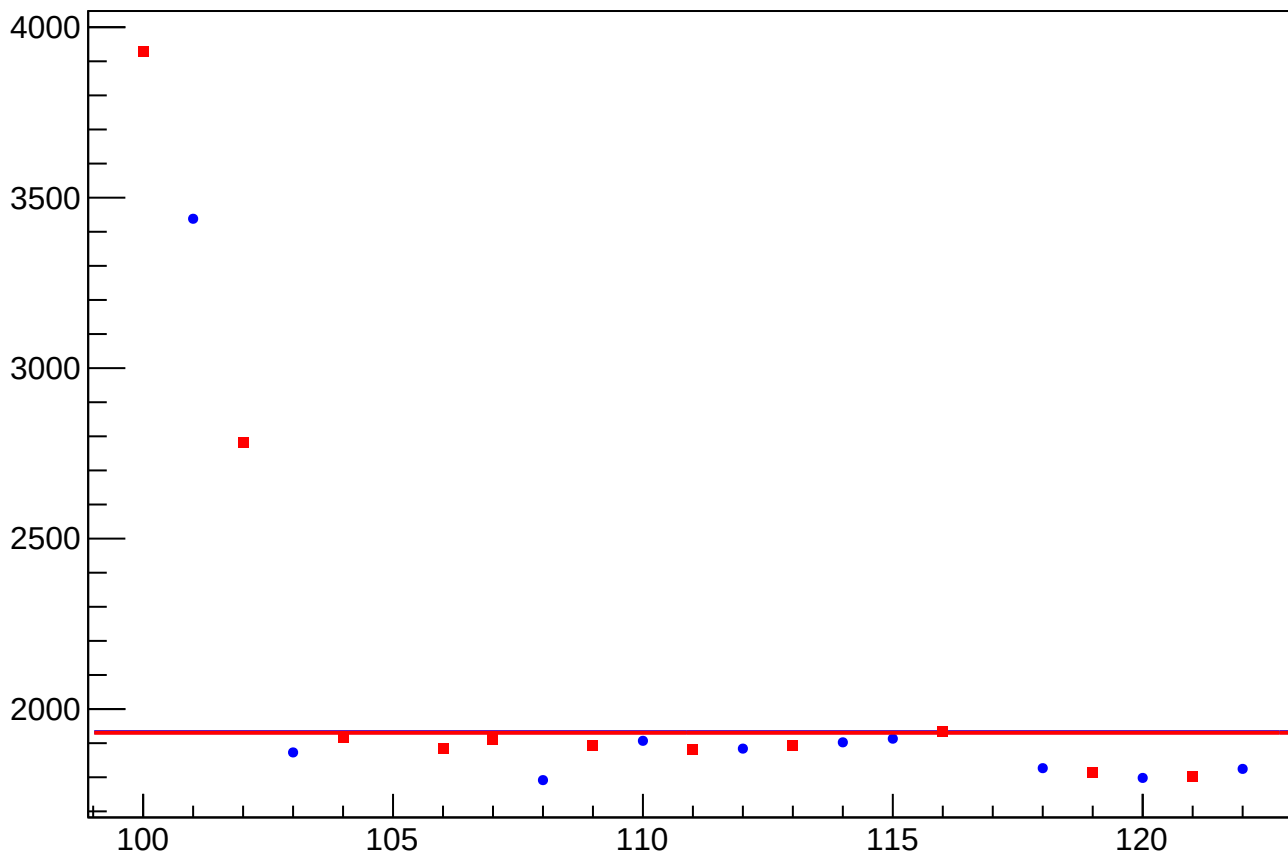
Right: 4362.052+/-676.366 χ^2/NDF : 12.3/20

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

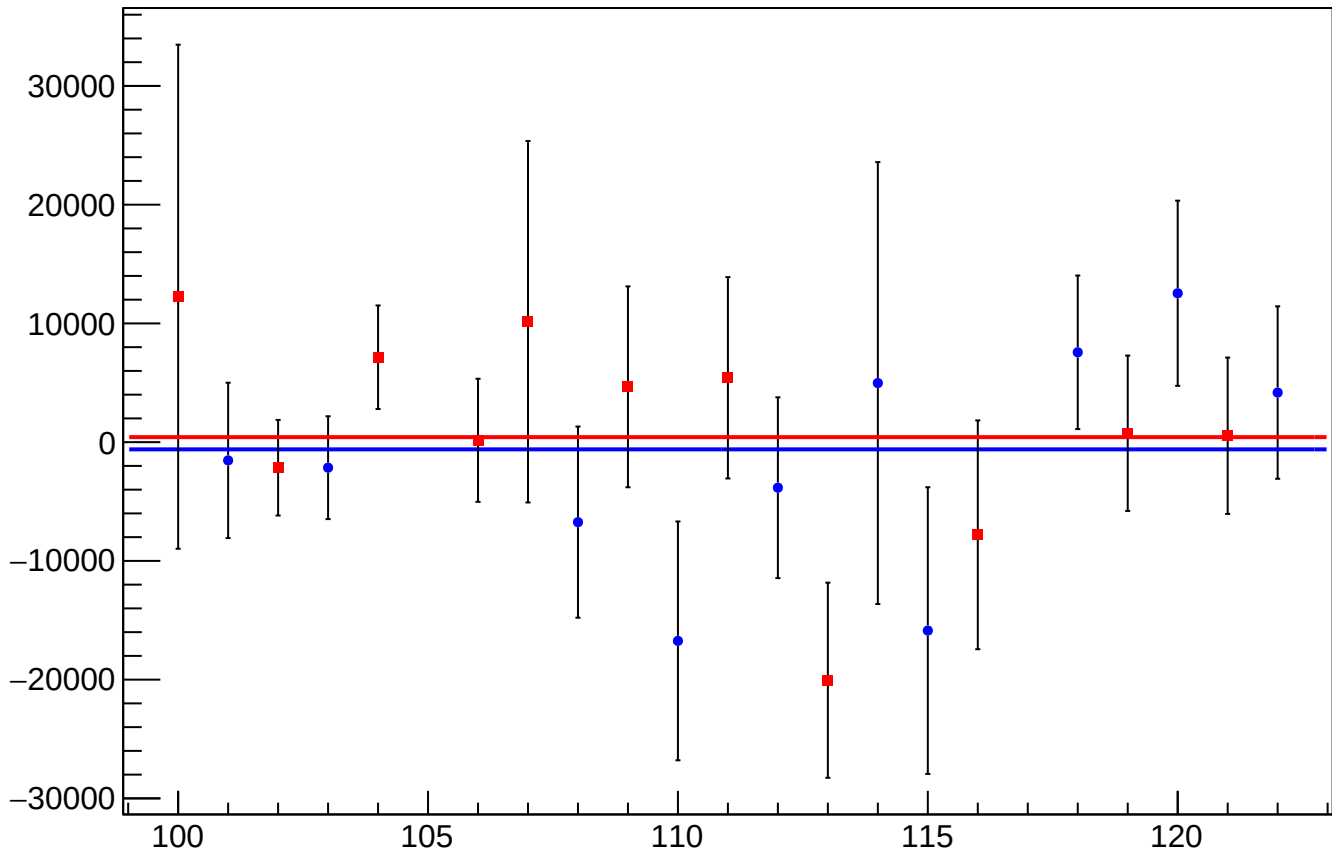
Right: 1931.394+/-0.478 χ^2/NDF : 405777.5/20

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

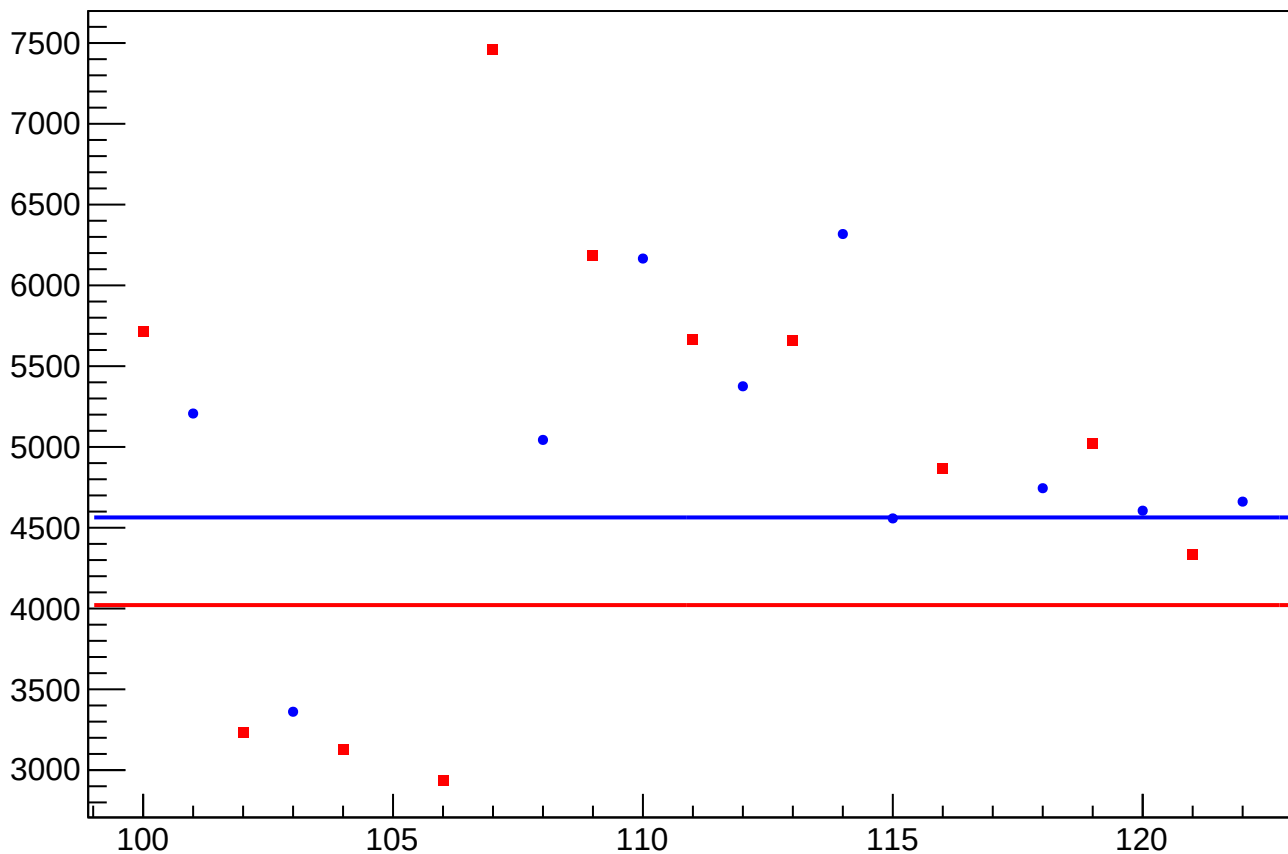
Right: -11.132+/-1496.894 χ^2/NDF : 21.2/20

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

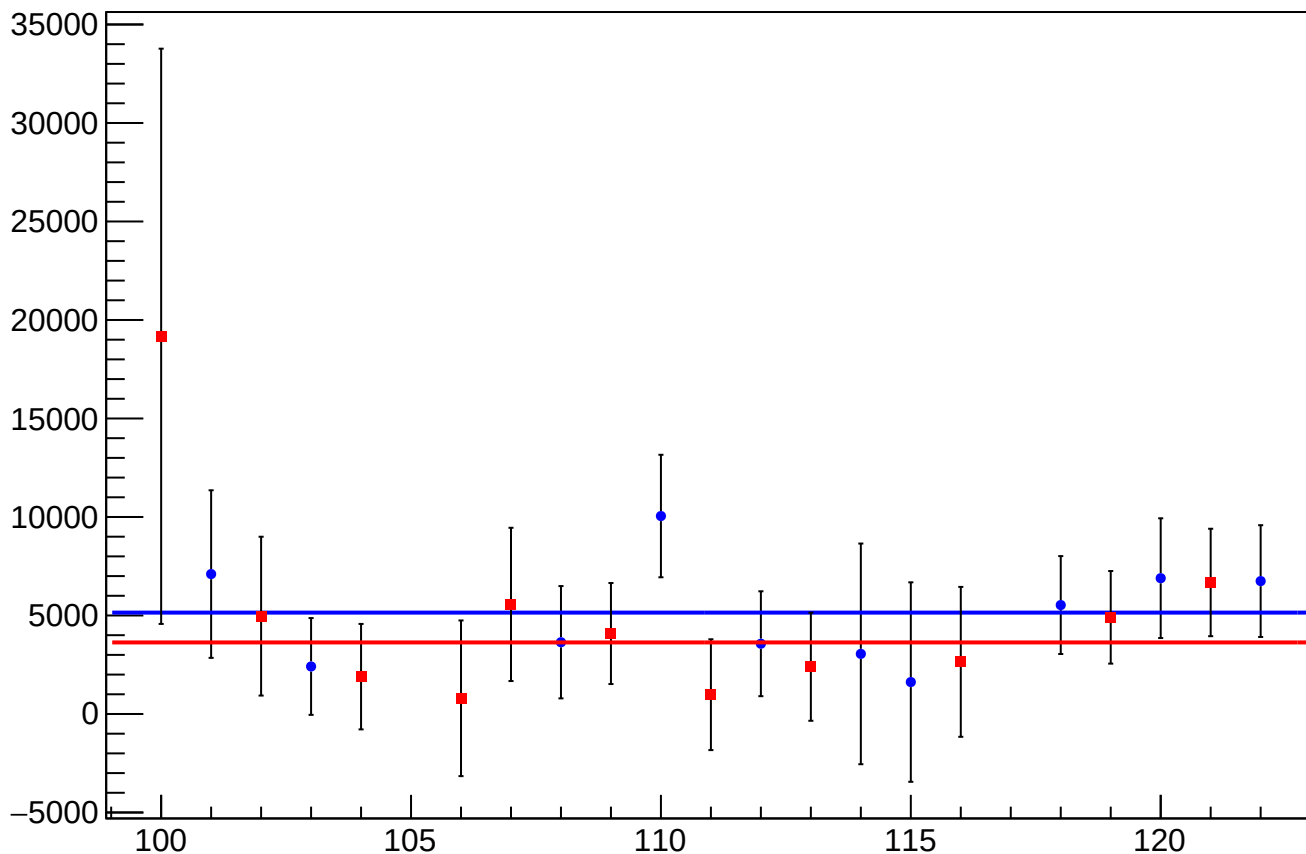
Right: 4250.287+/-1.058 χ^2/NDF : 1052844.7/20

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

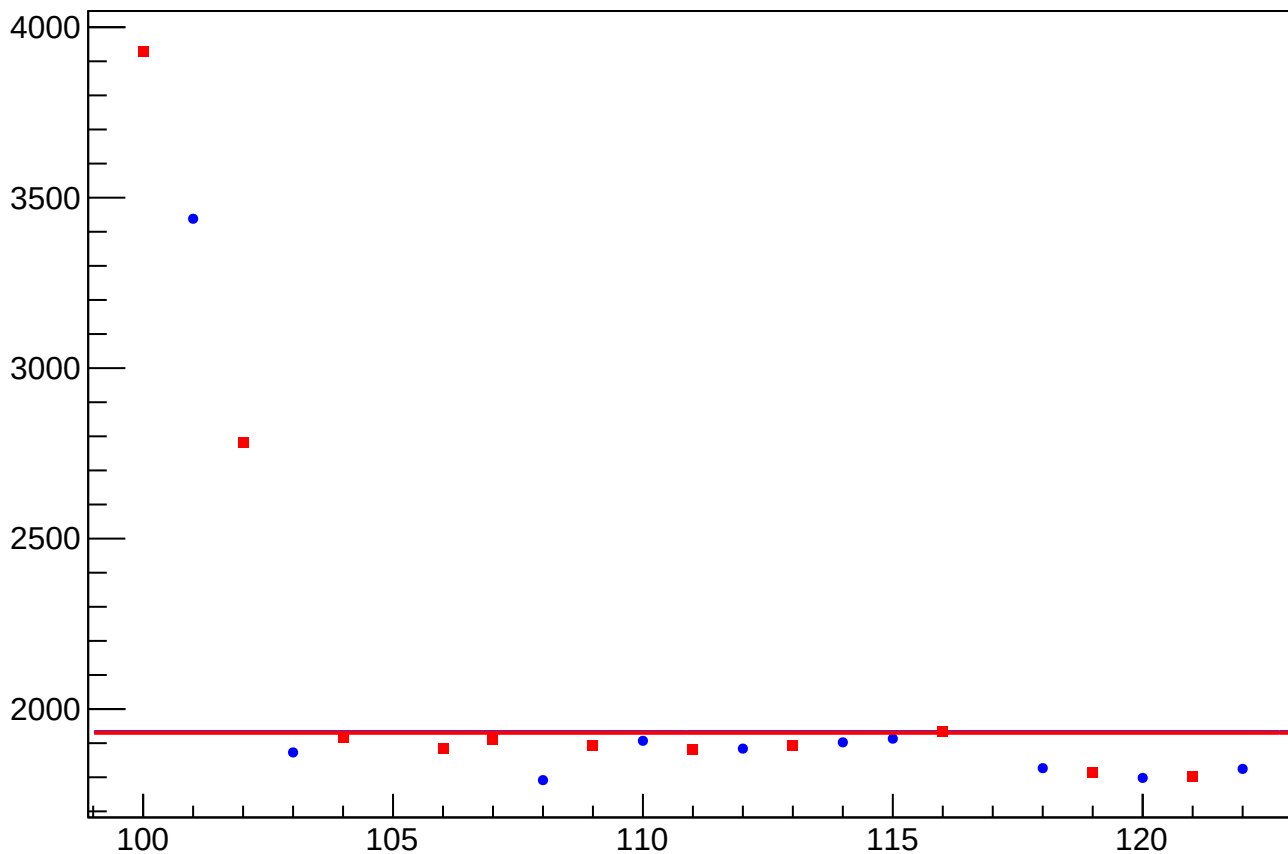
Right: 4362.050+/-676.366 χ^2/NDF : 12.3/20

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

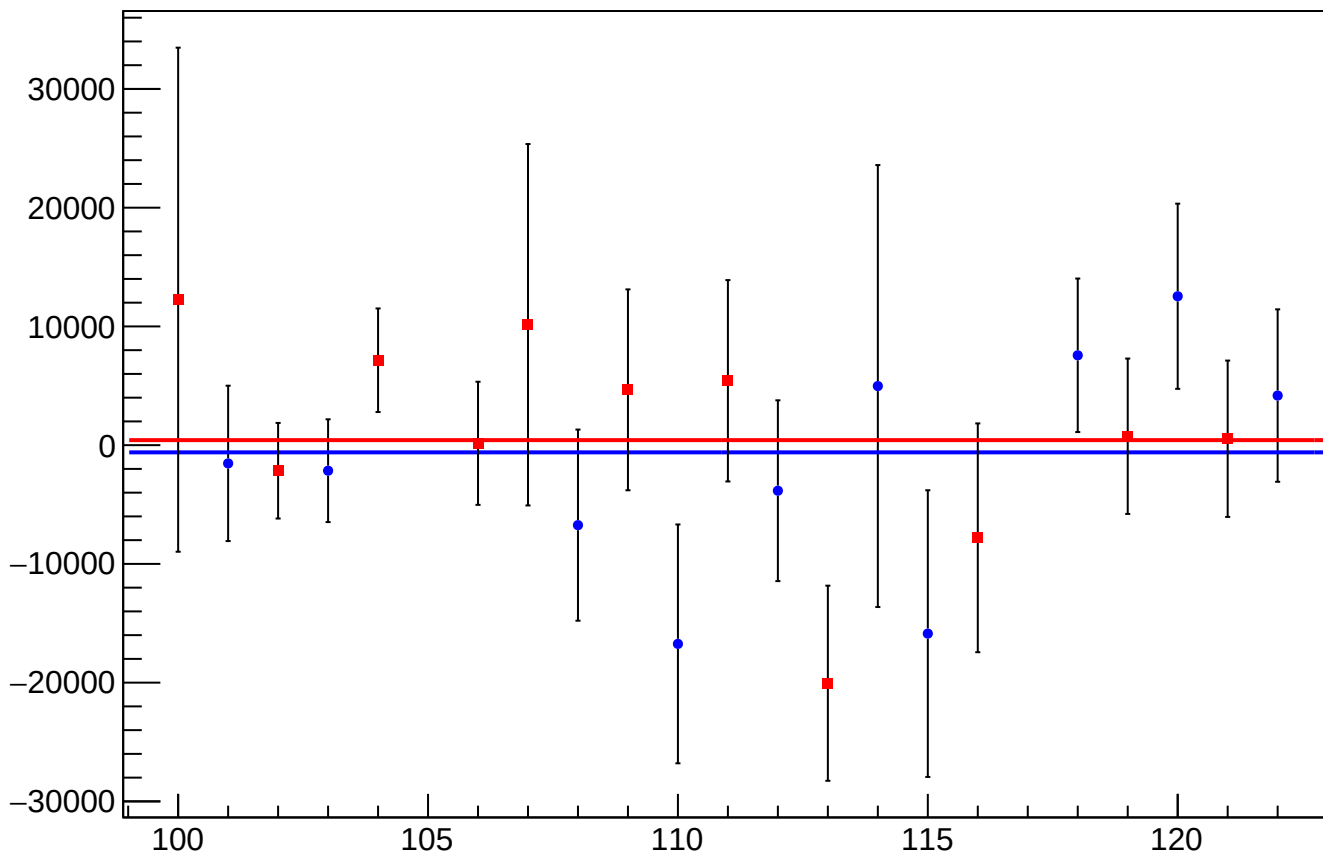
Right: 1931.393+/-0.478 χ^2/NDF : 405777.3/20

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 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 423.452+/-1969.095 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

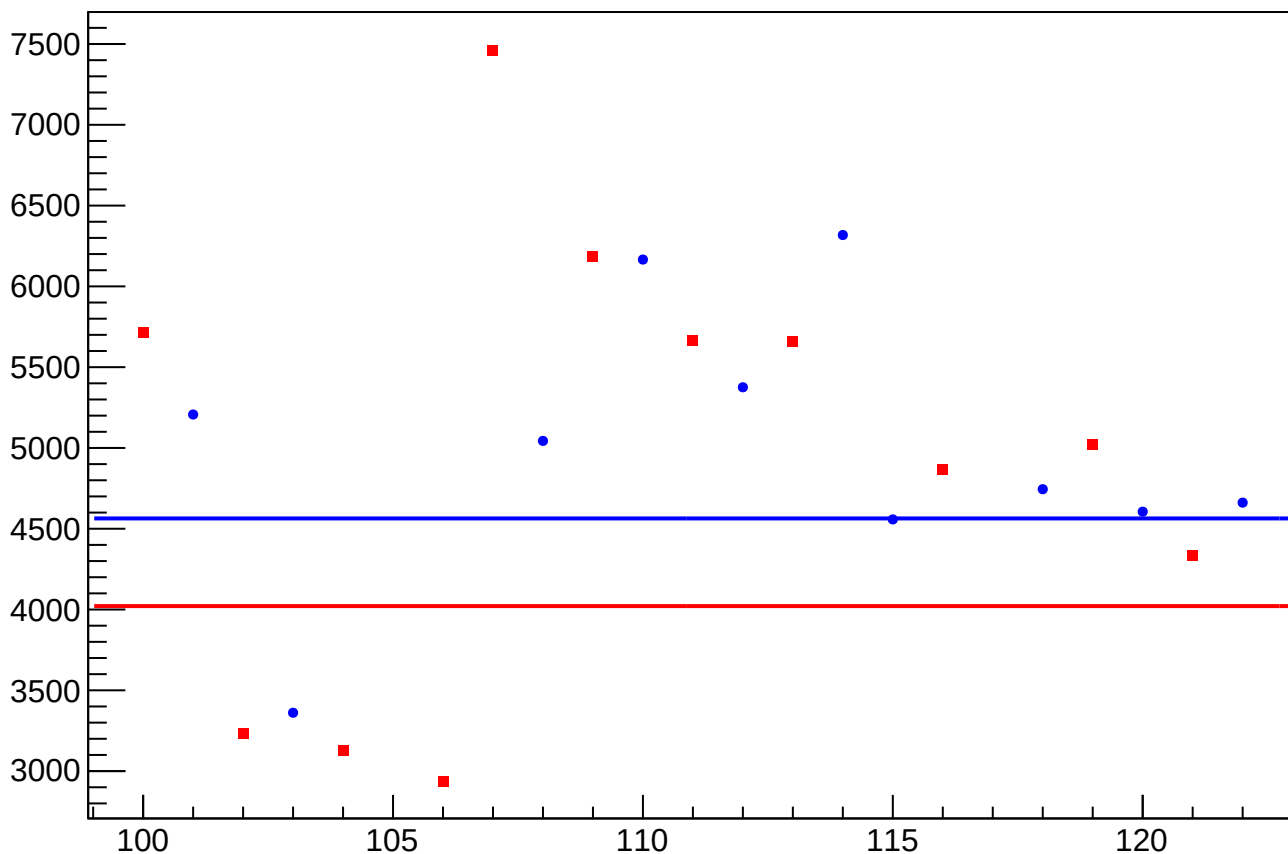
Right: -11.129+/-1496.889 χ^2/NDF : 21.2/20

In: -606.096+/-2303.974 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.129+/-1496.889 χ^2/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

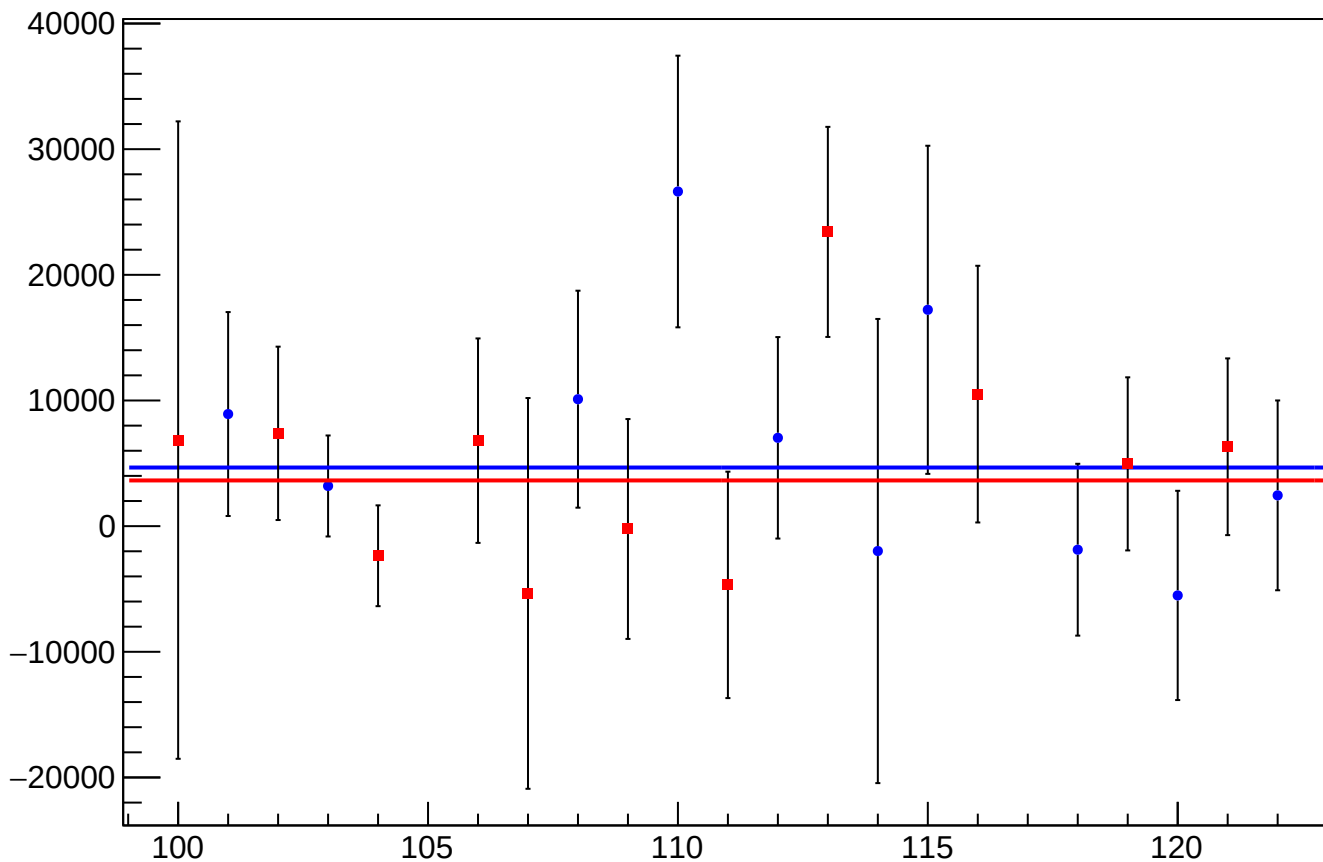
Right: 4250.275+/-1.058 χ^2/NDF : 1052842.6/20

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

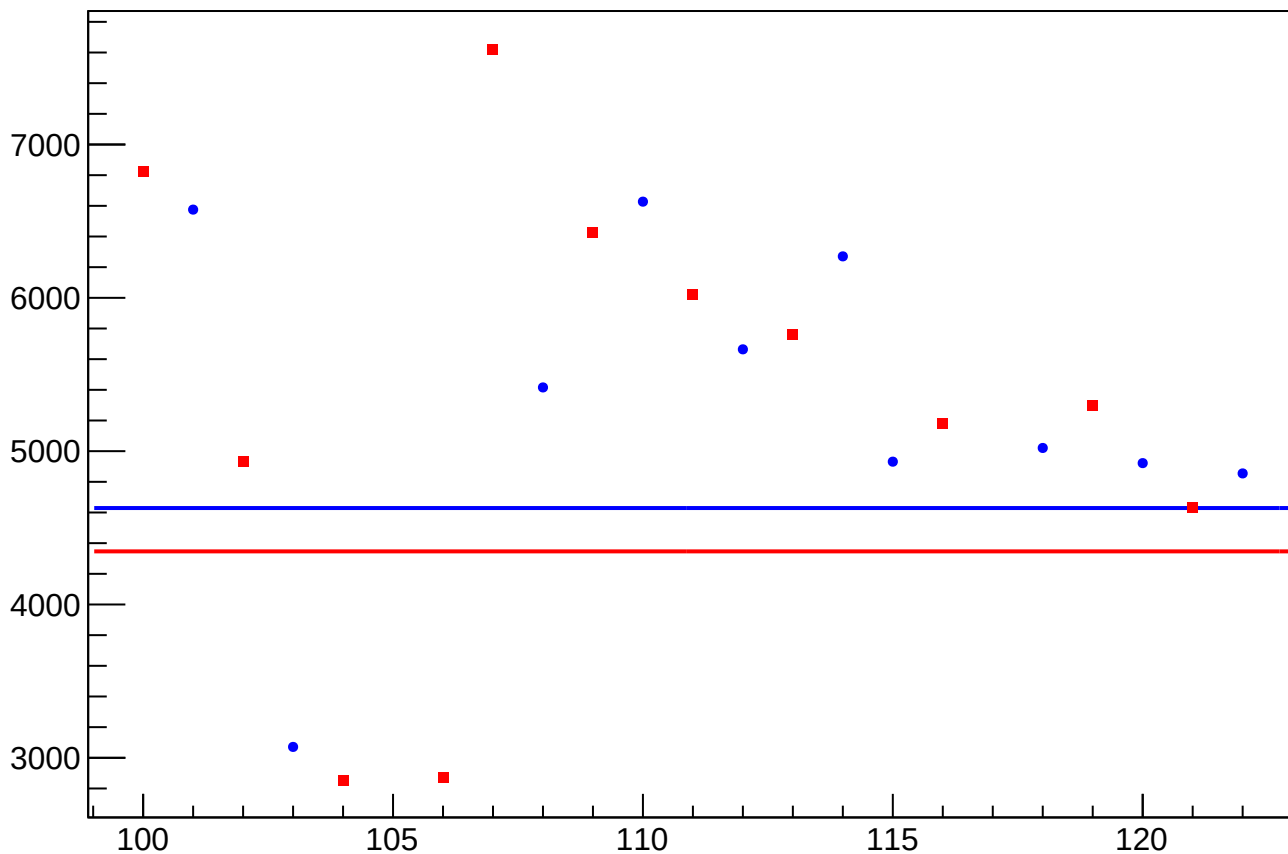
Right: 4126.957+/-1641.138 χ^2/NDF : 19.0/20

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

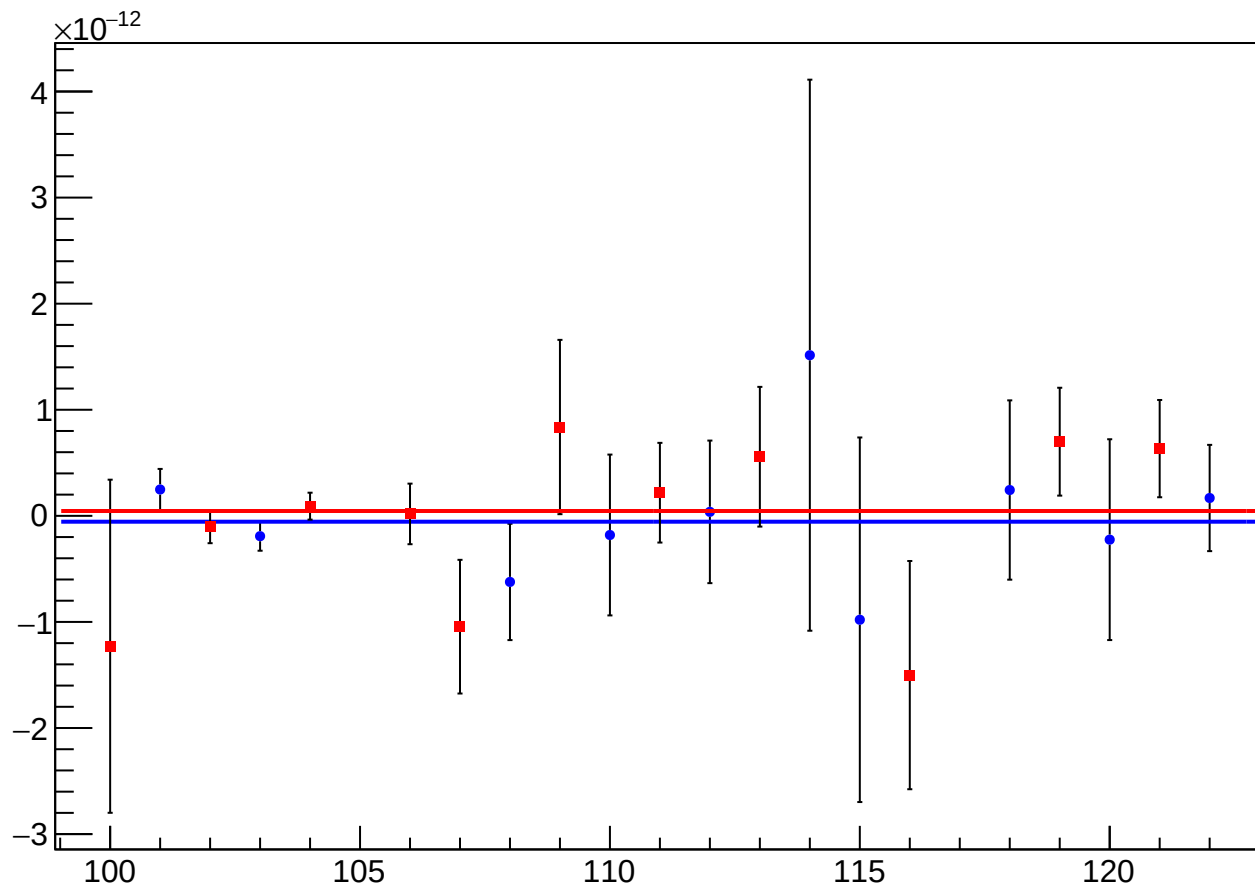
Right: 4477.012+/-1.143 χ^2/NDF : 1385090.7/20

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

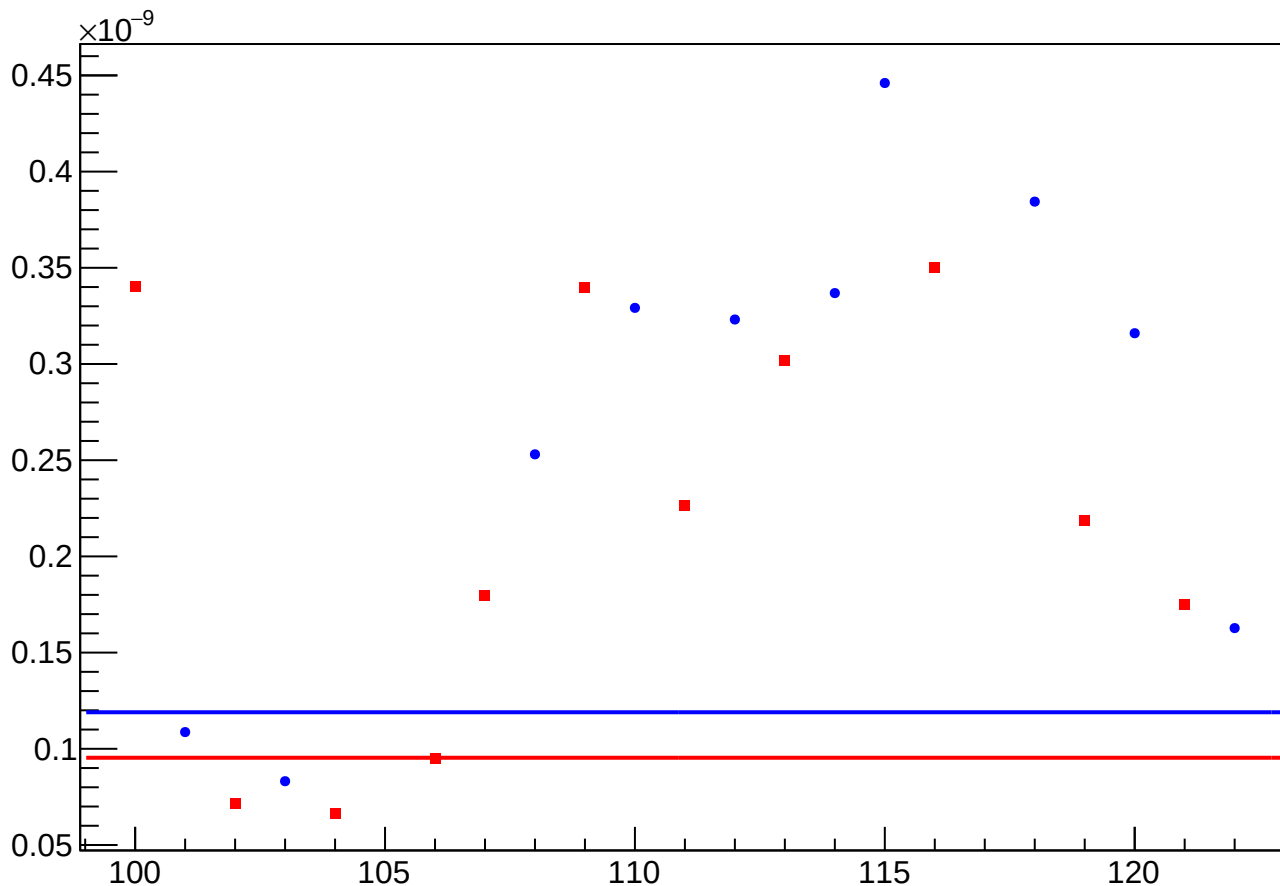
Right: 0.000+/-0.000 χ^2/NDF : 17.9/20

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

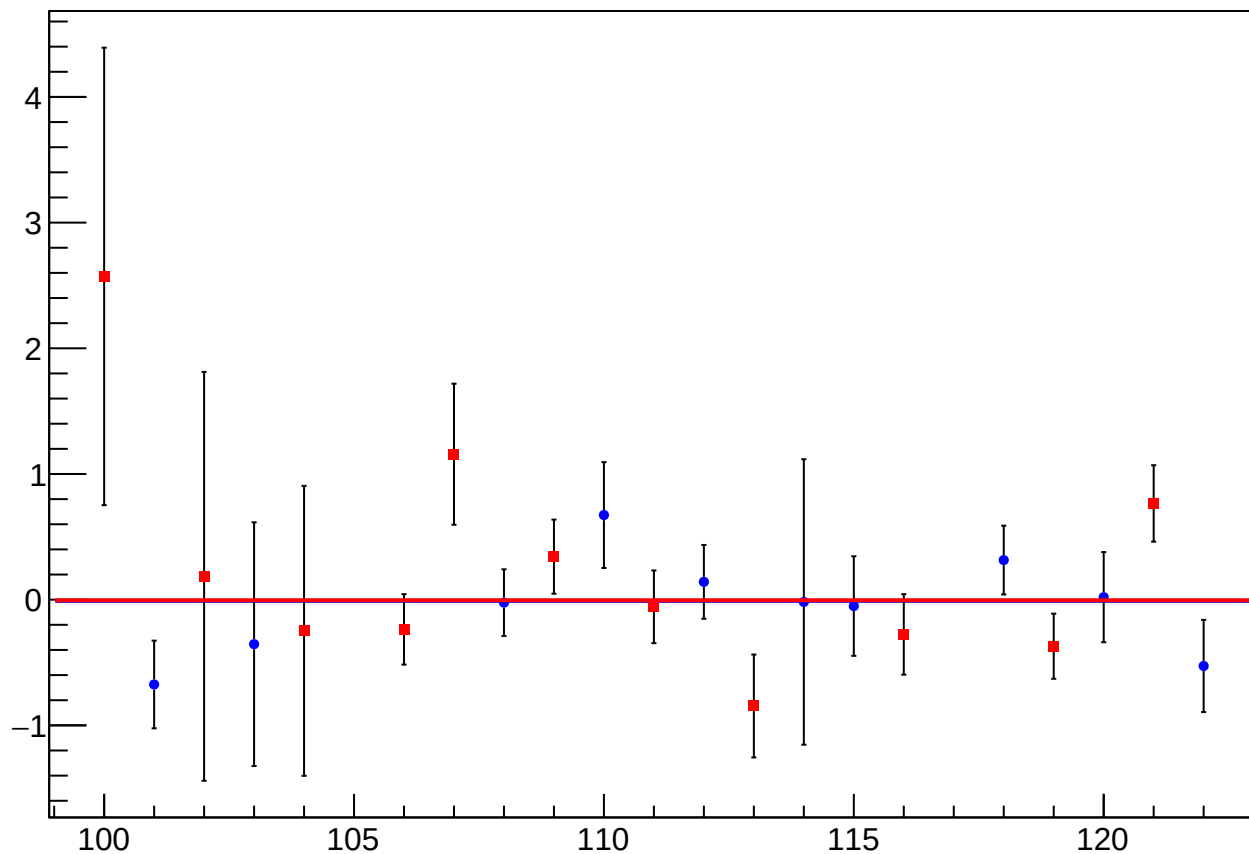
Right: 0.000+/-0.000 χ^2/NDF : 2105541.9/20

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 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

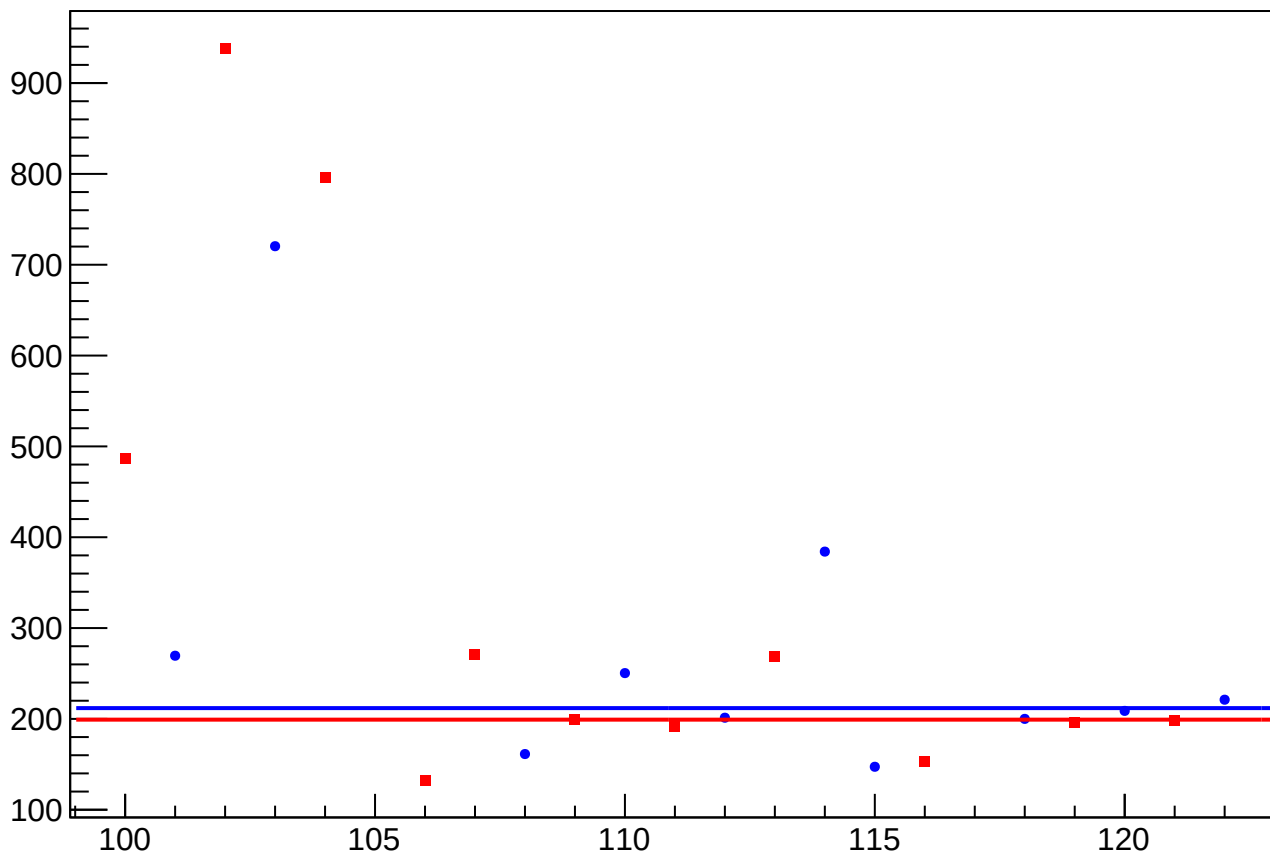
Right: -0.007 ± 0.079 χ^2/NDF : 31.9/20

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_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

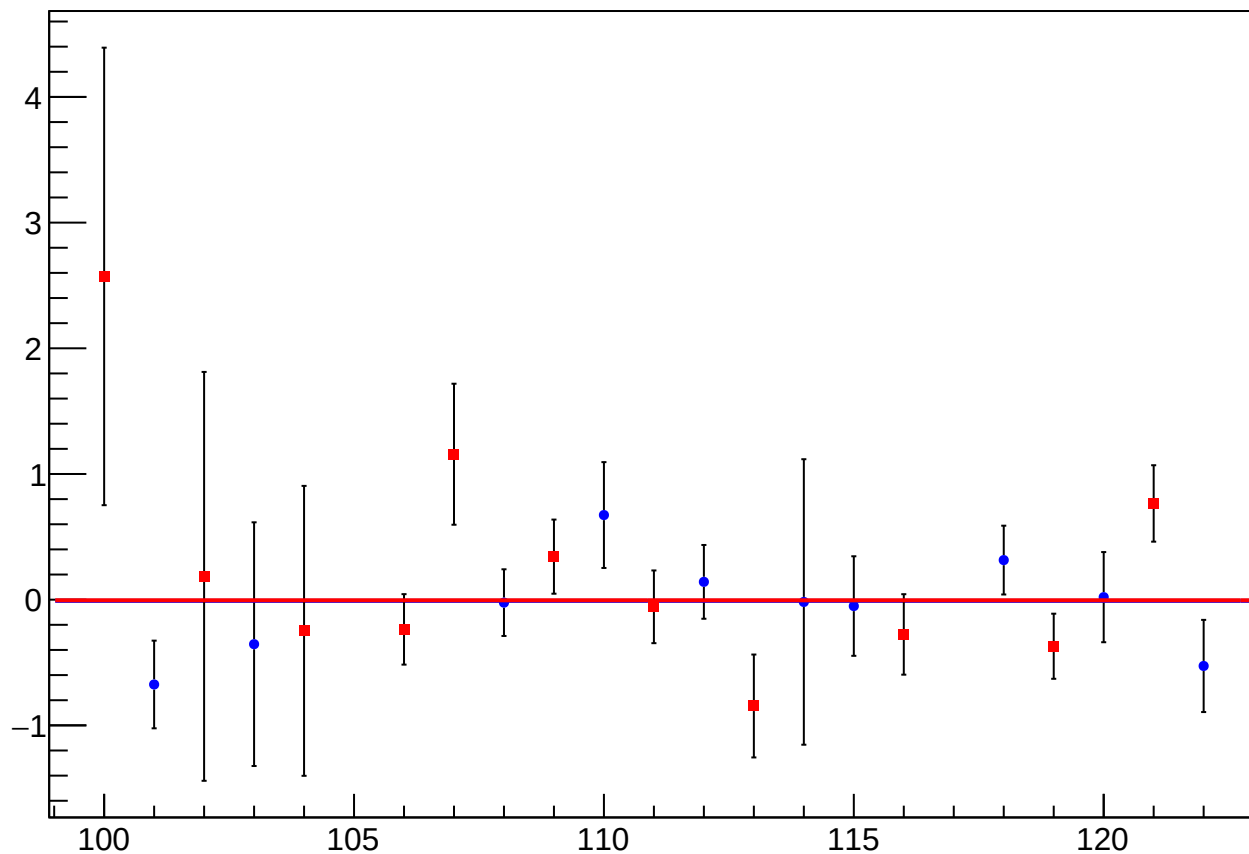
Right: 205.297+/-0.056 χ^2/NDF : 2060097.2/20

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

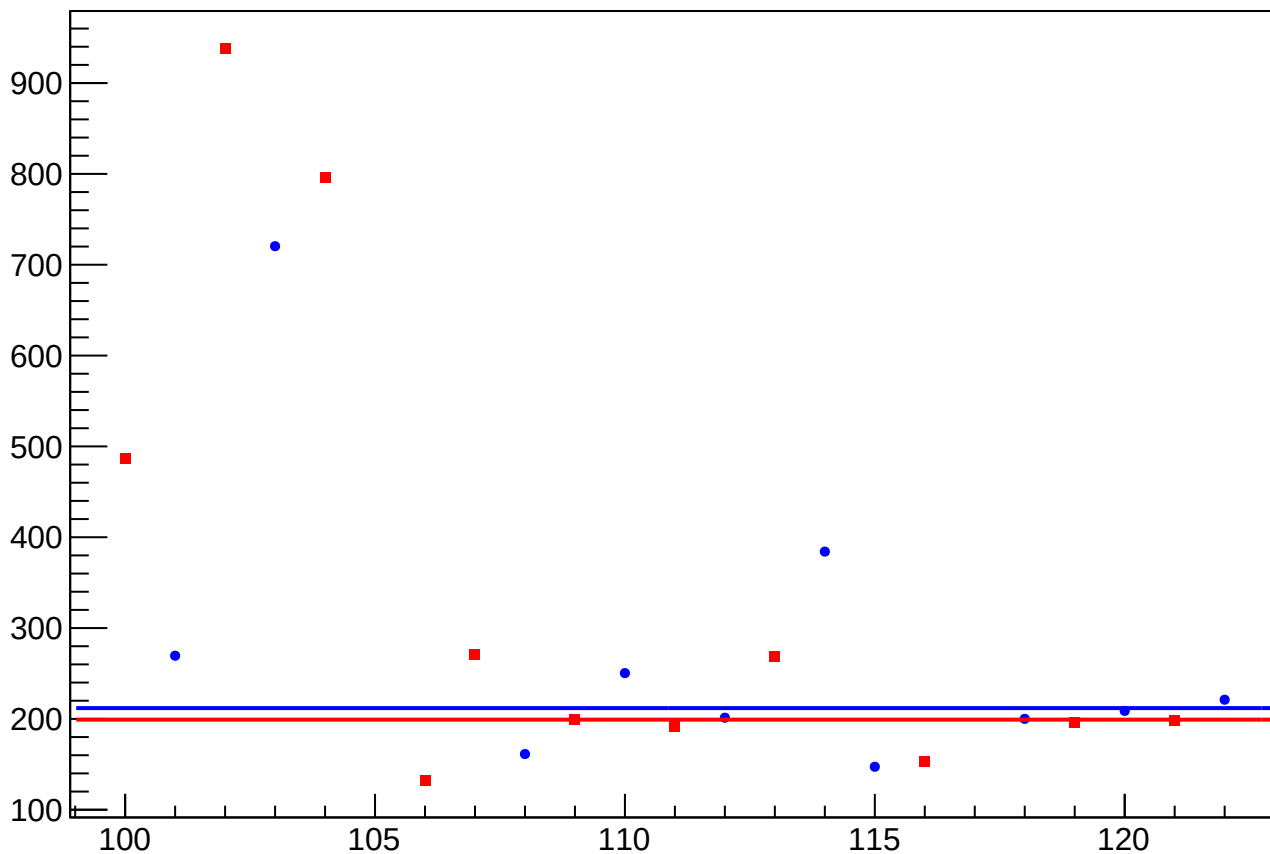
asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

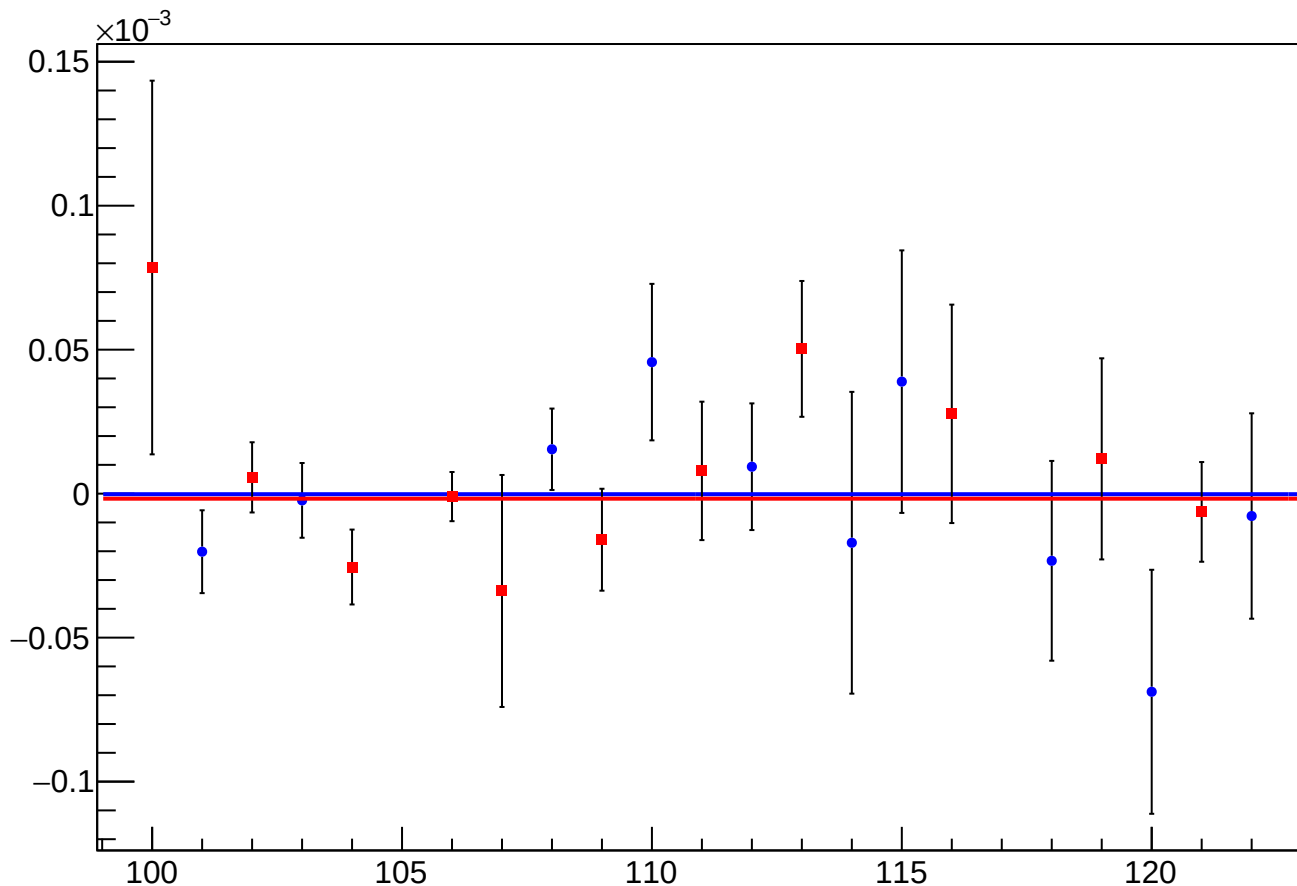
Right: 205.297+/-0.056 χ^2/NDF : 2060097.2/20

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

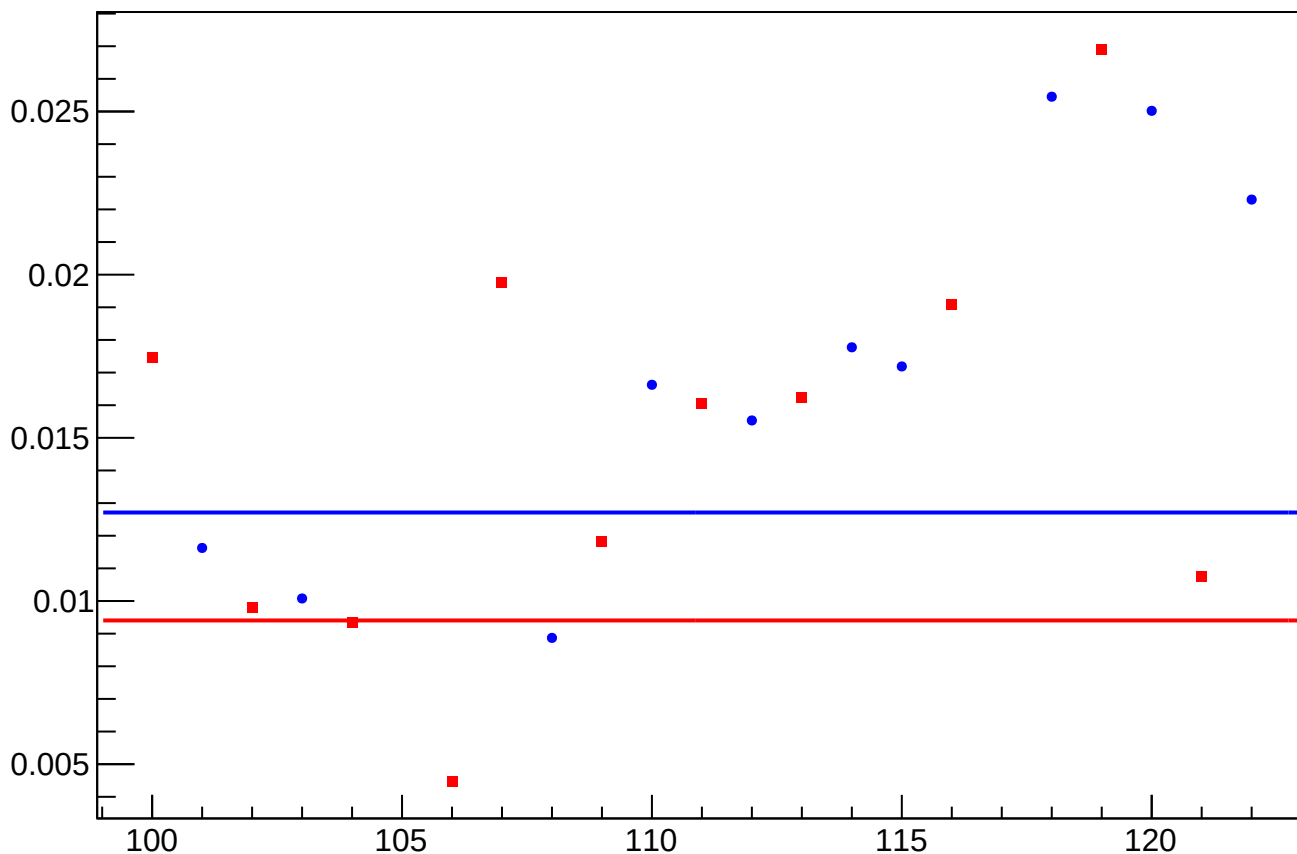
Right: -0.000+/-0.000 χ^2 /NDF: 22.6/20

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

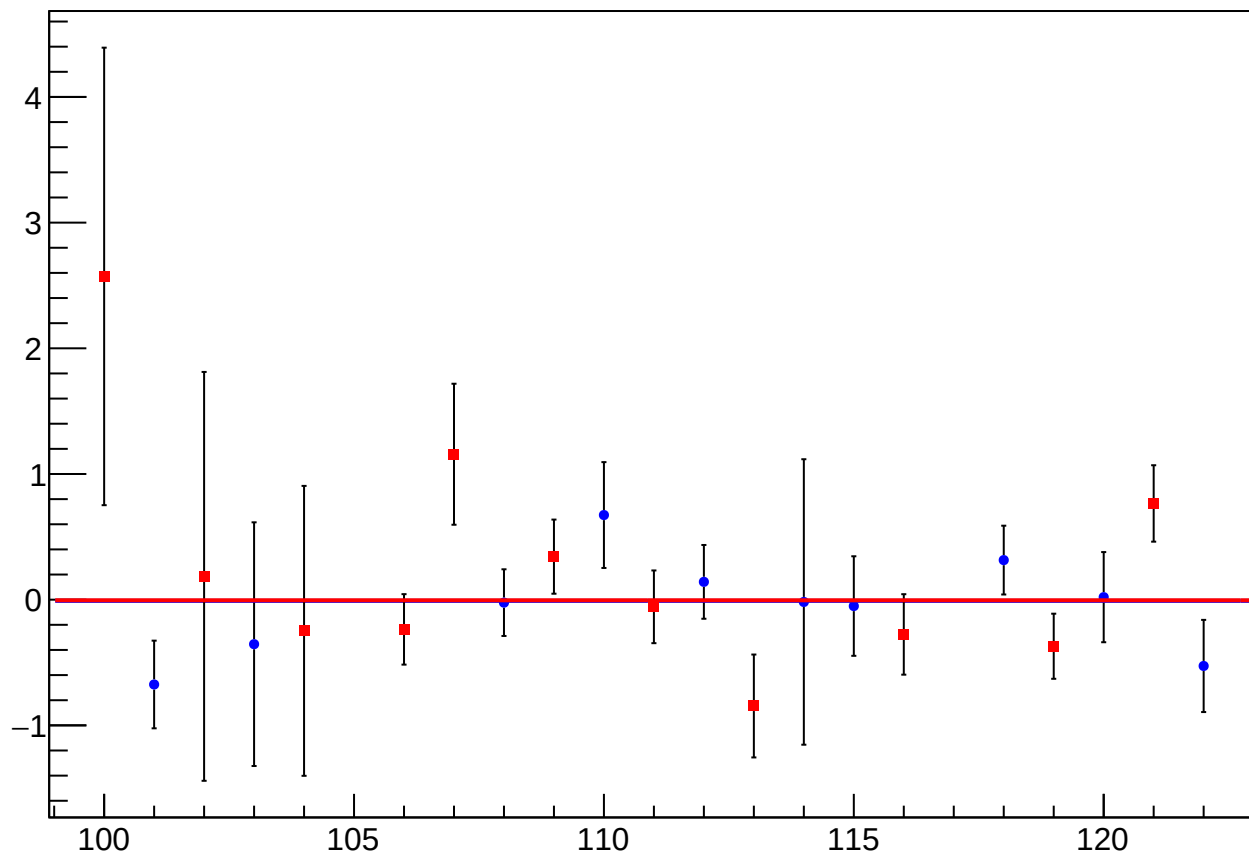
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 3083187.4/20

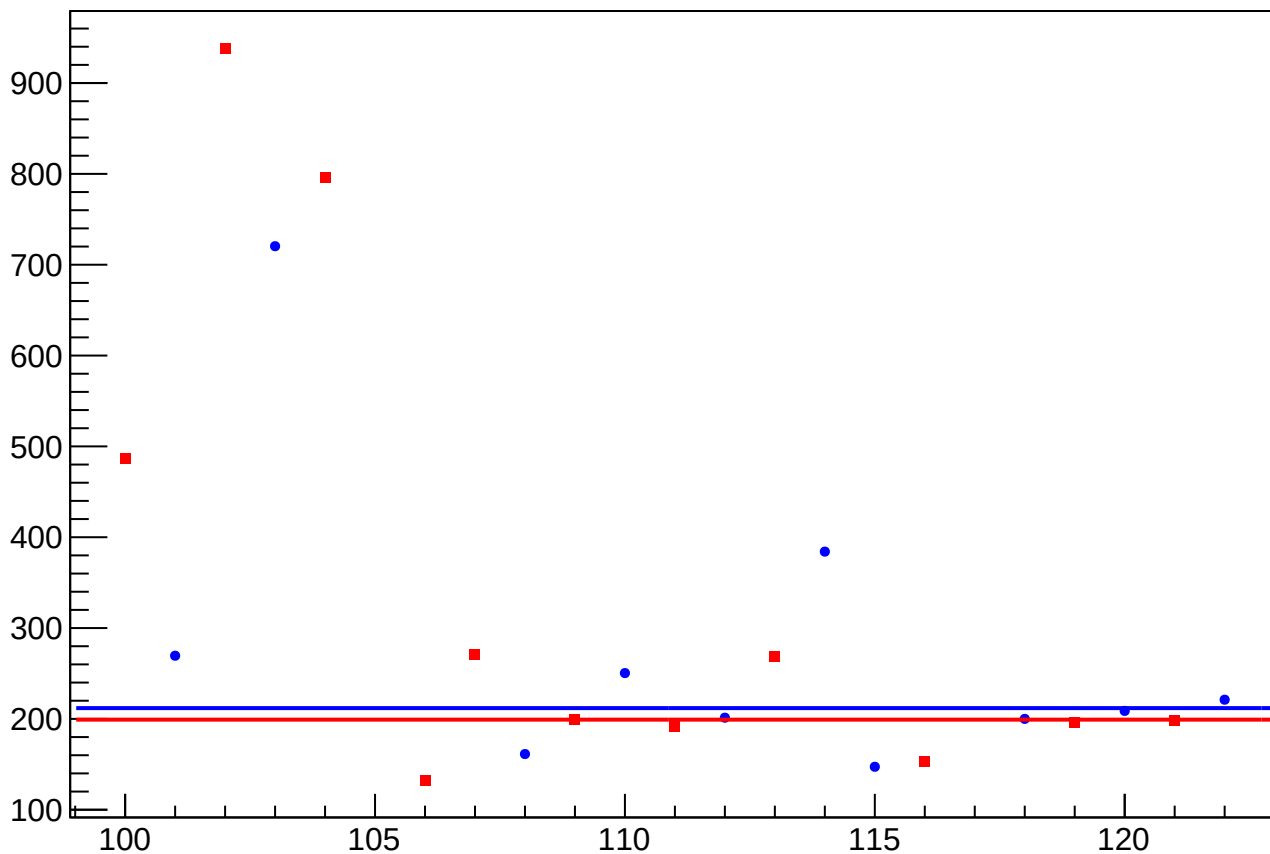
asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

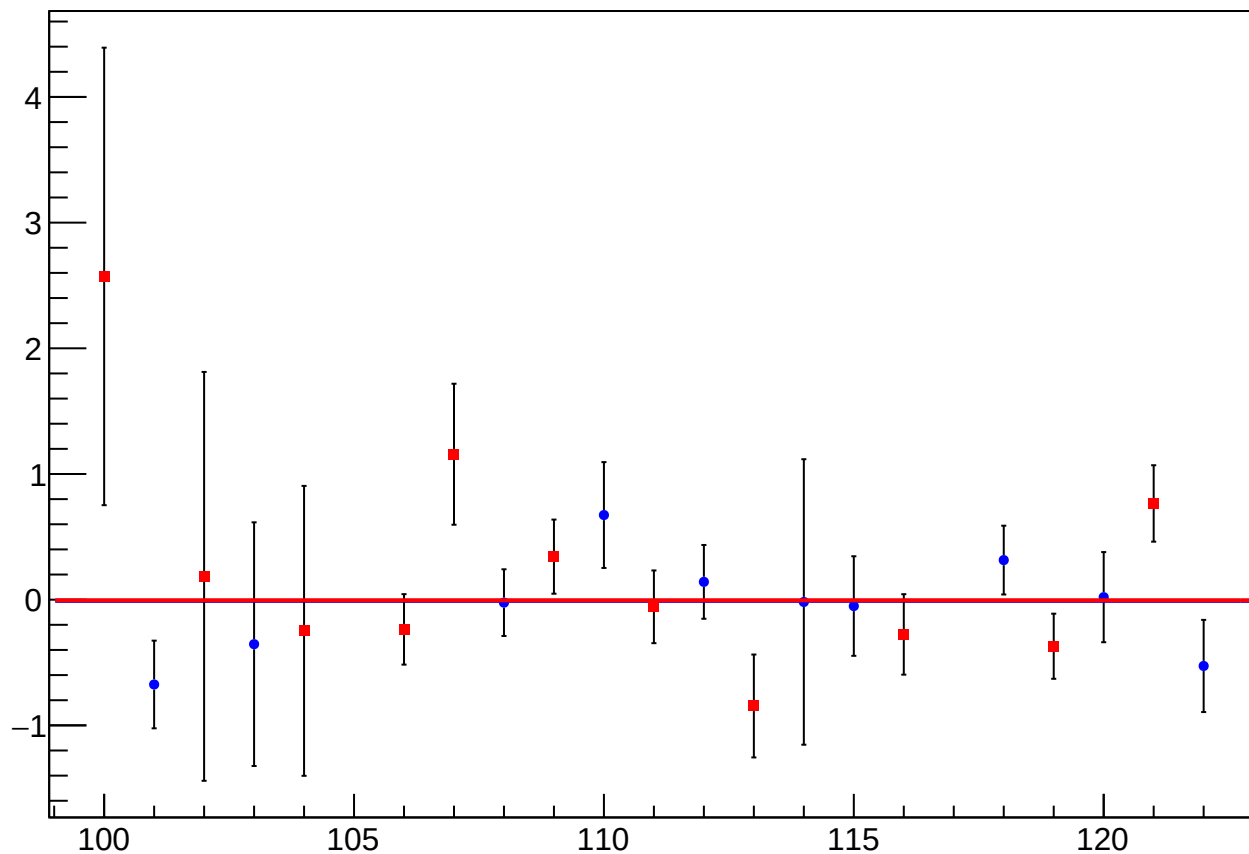
Right: 205.296+/-0.056 χ^2/NDF : 2060067.7/20

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 $\chi^2/\text{NDF}: 10.1/9$

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 $\chi^2/\text{NDF}: 0.0/0$

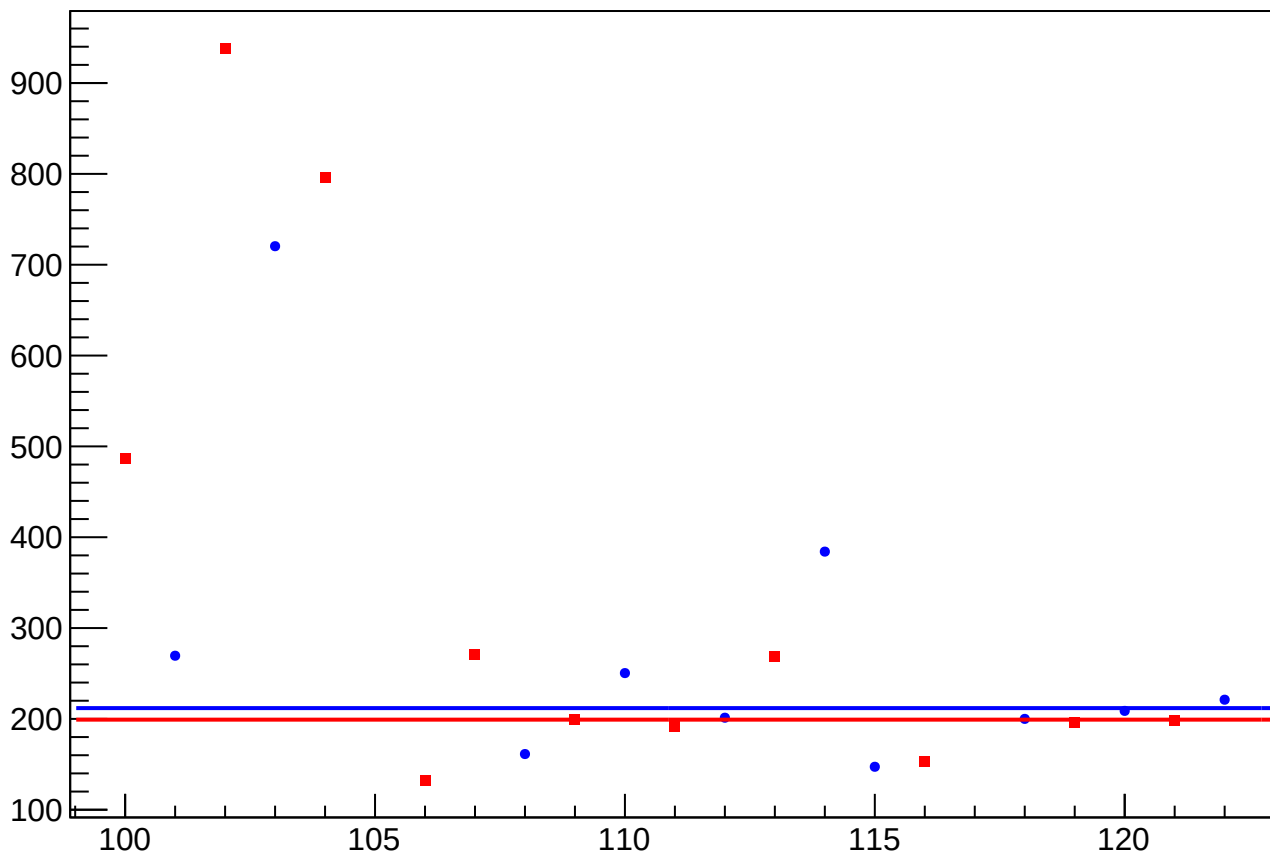
Right: -0.007 ± 0.079 $\chi^2/\text{NDF}: 31.9/20$

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_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

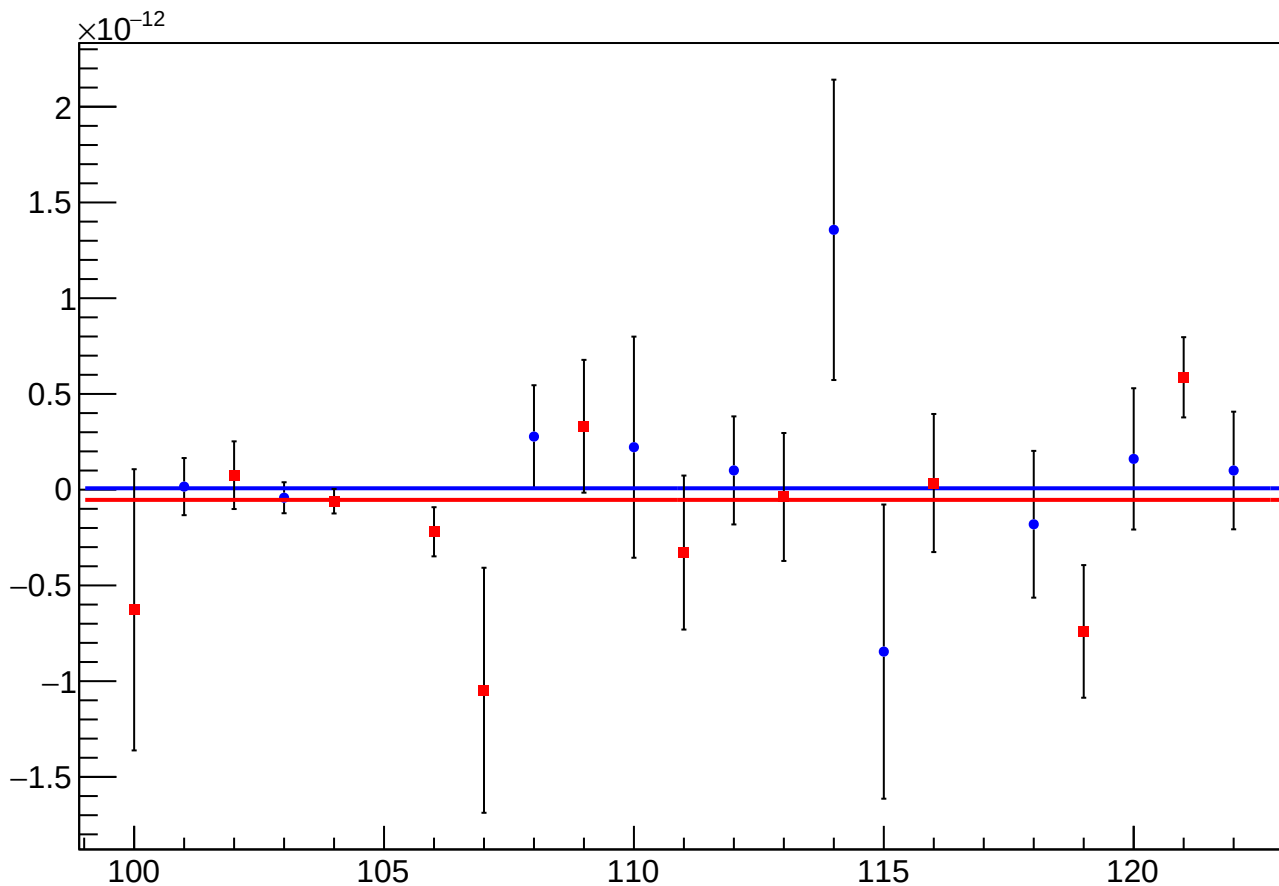
Right: 205.296+/-0.056 χ^2/NDF : 2060067.7/20

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

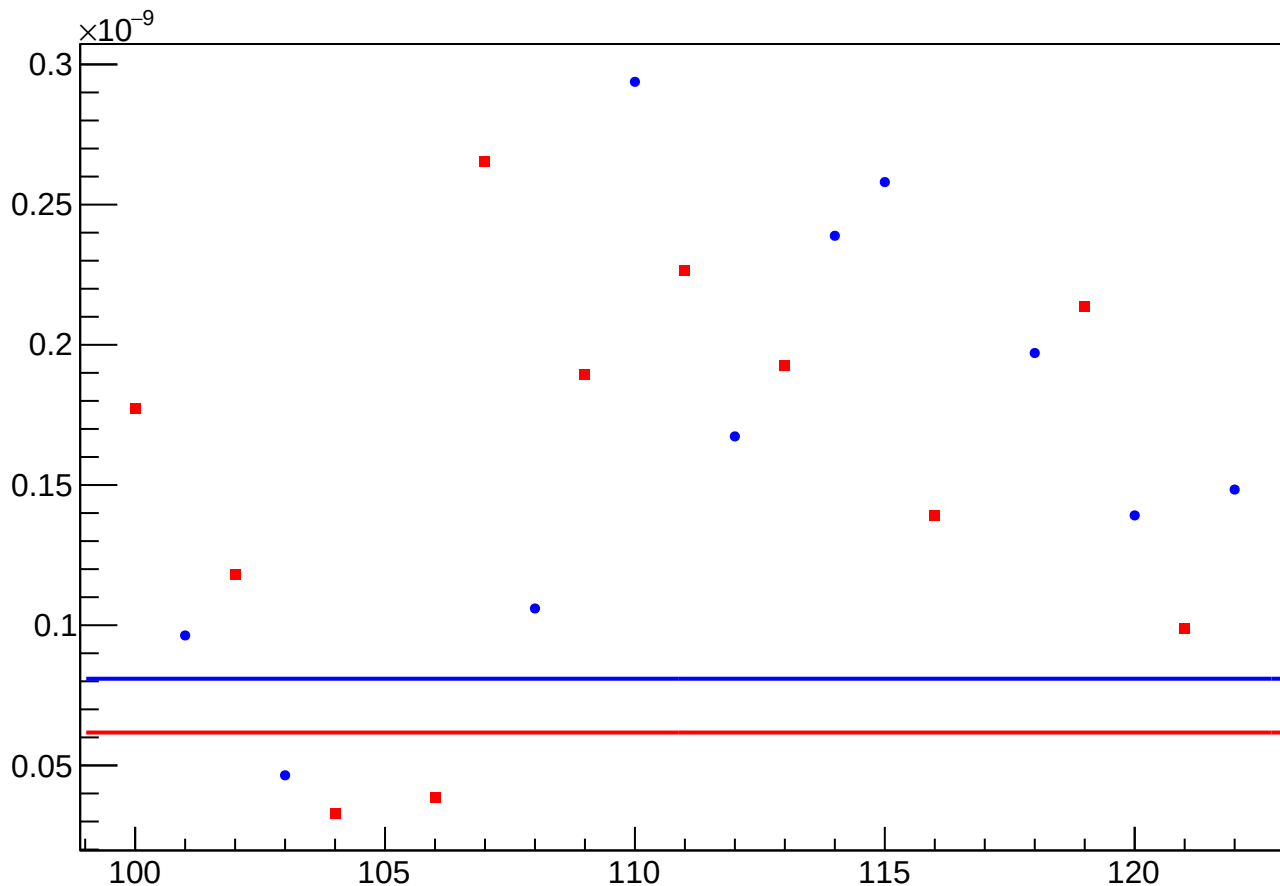
Right: -0.000+/-0.000 χ^2/NDF : 27.2/20

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

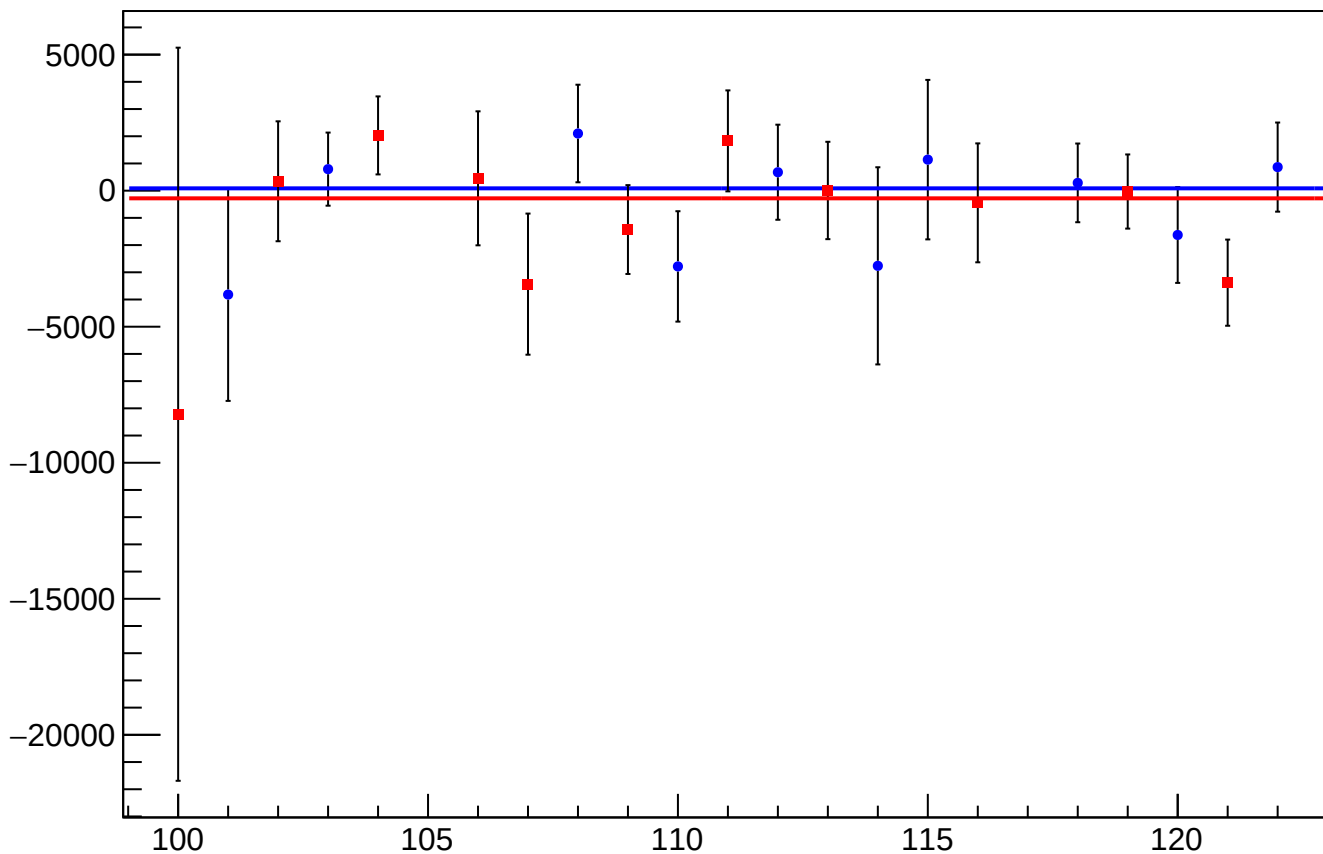
Right: 0.000+/-0.000 χ^2/NDF : 3878339.0/20

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

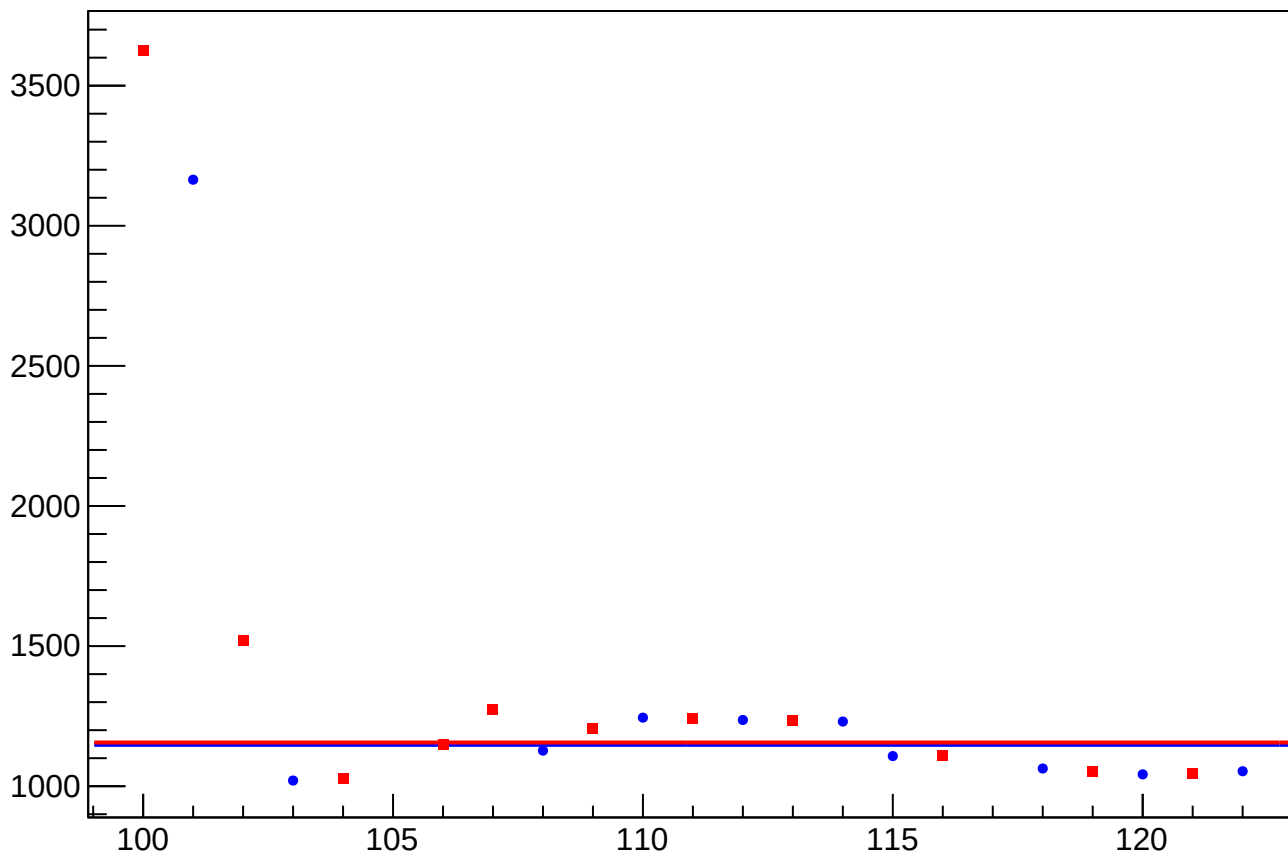
Right: -106.501+/-408.139 χ^2/NDF : 17.1/20

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

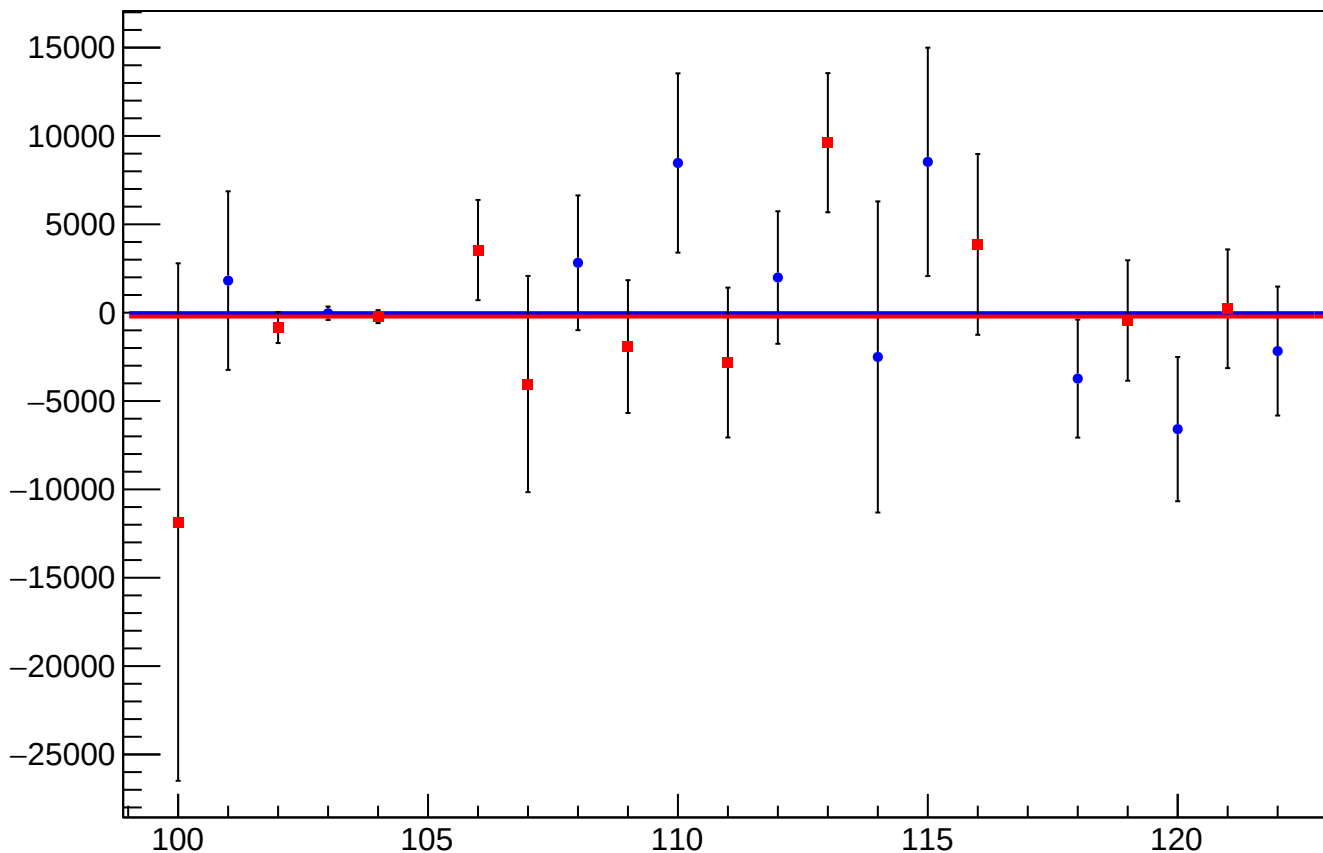
Right: 1152.034+/-0.288 χ^2/NDF : 757560.5/20

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

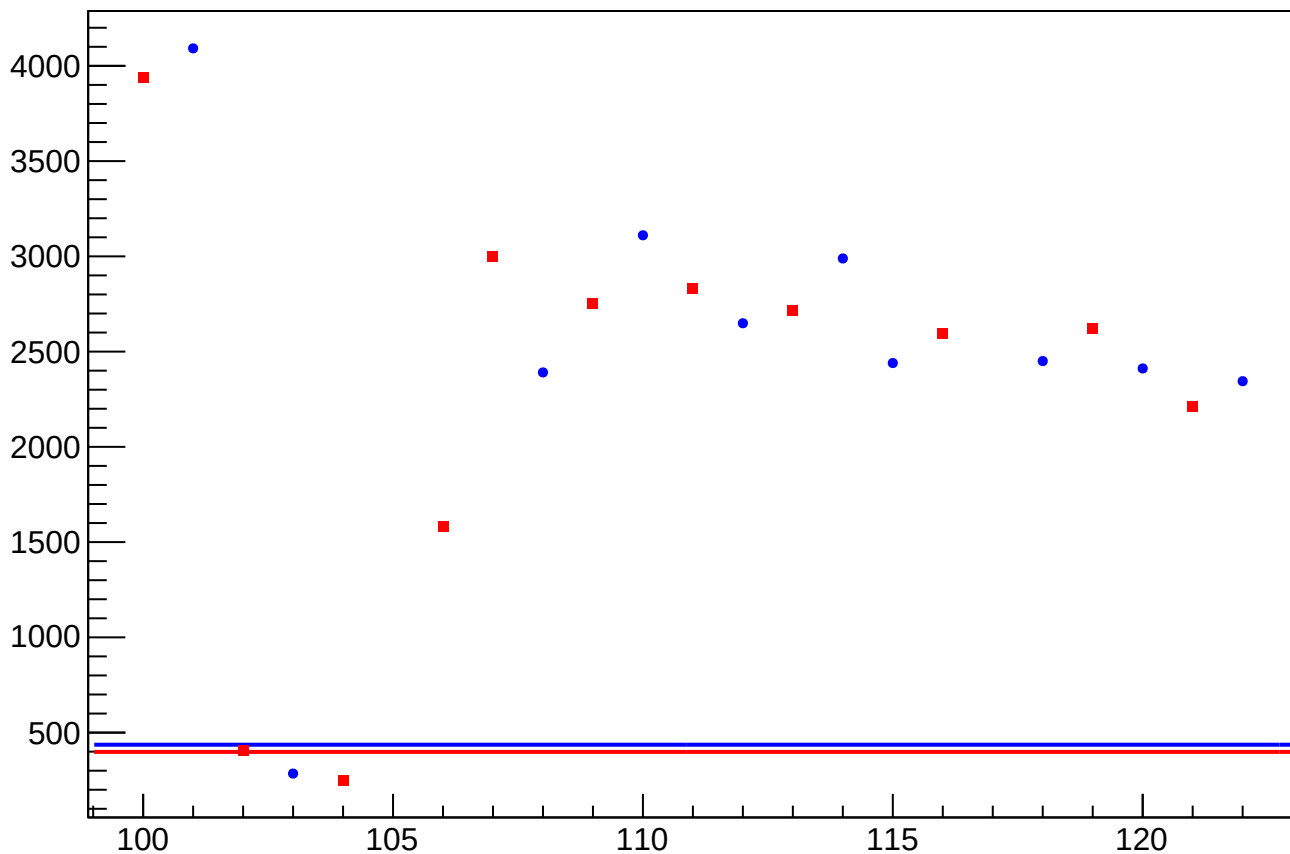
Right: -133.502+/-243.899 χ^2/NDF : 20.7/20

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

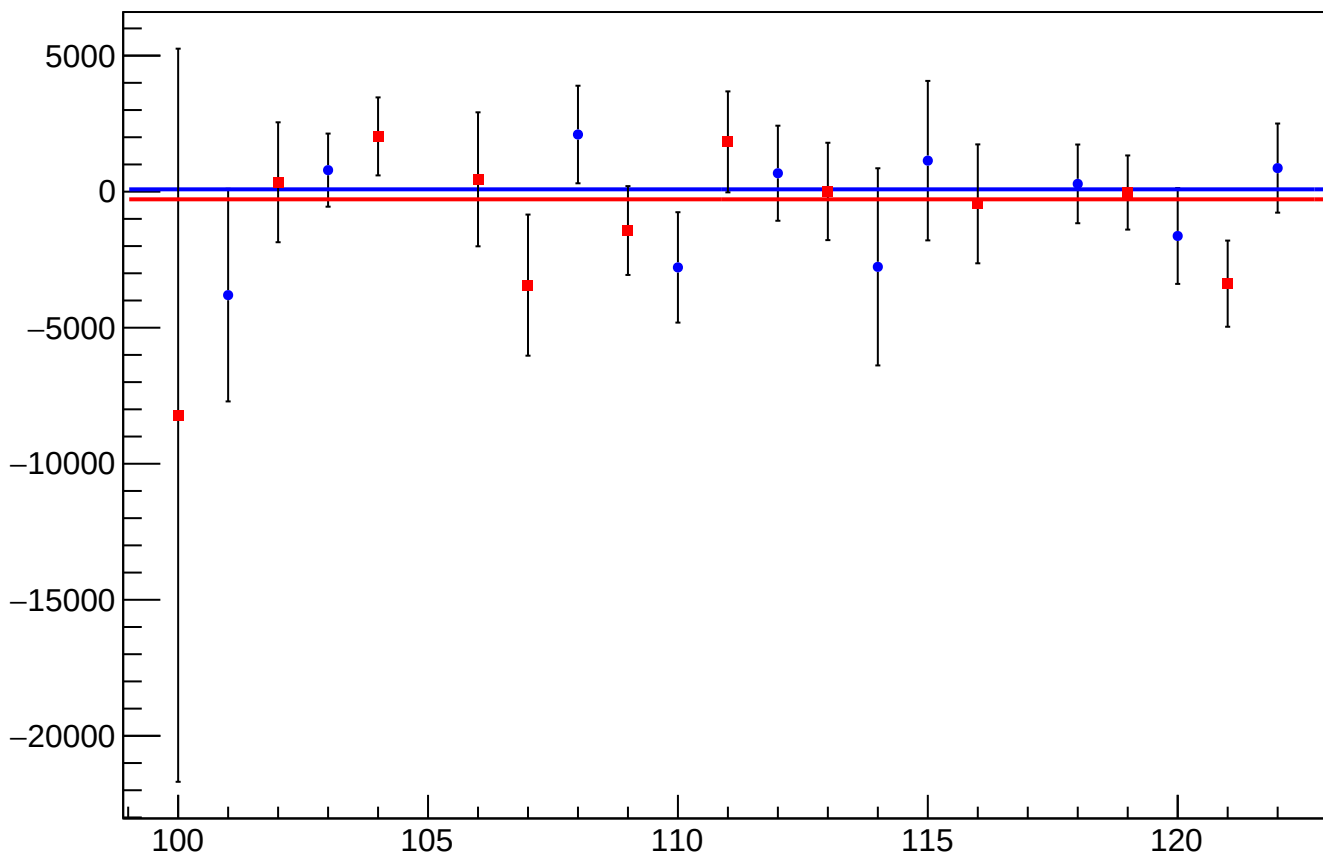
Right: 415.451+/-0.172 χ^2/NDF : 10363055.7/20

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

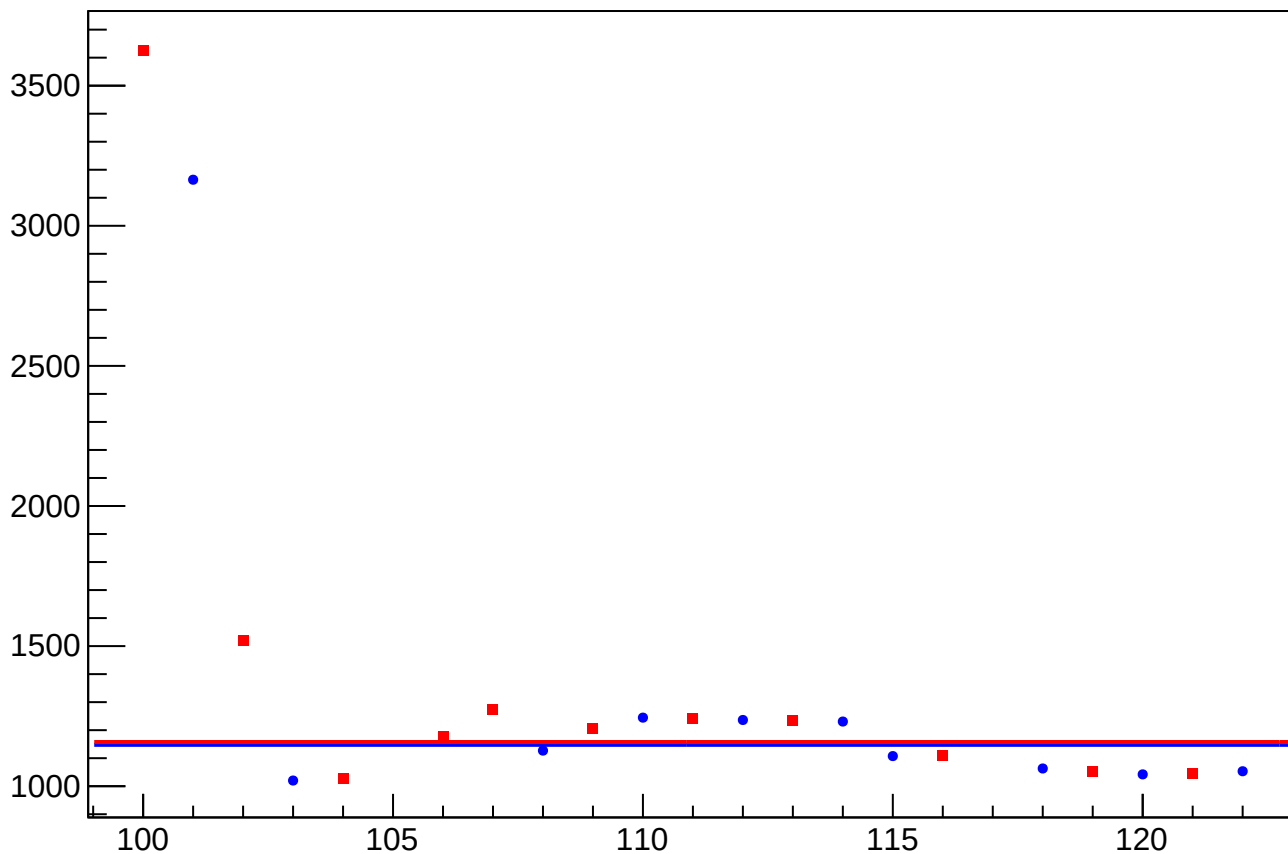
Right: -106.189+/-408.139 χ^2/NDF : 17.1/20

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

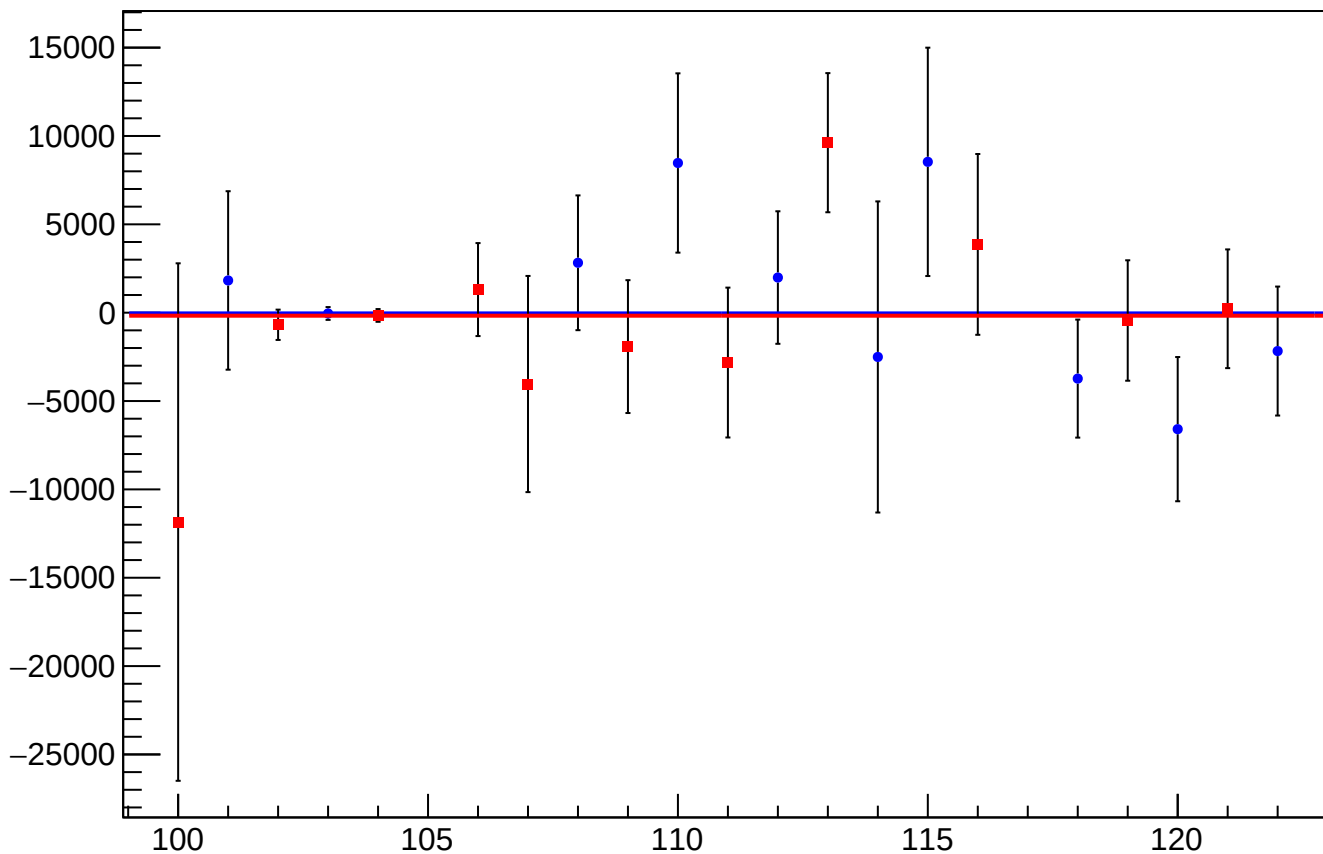
Right: 1152.929+/-0.288 χ^2/NDF : 757784.0/20

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

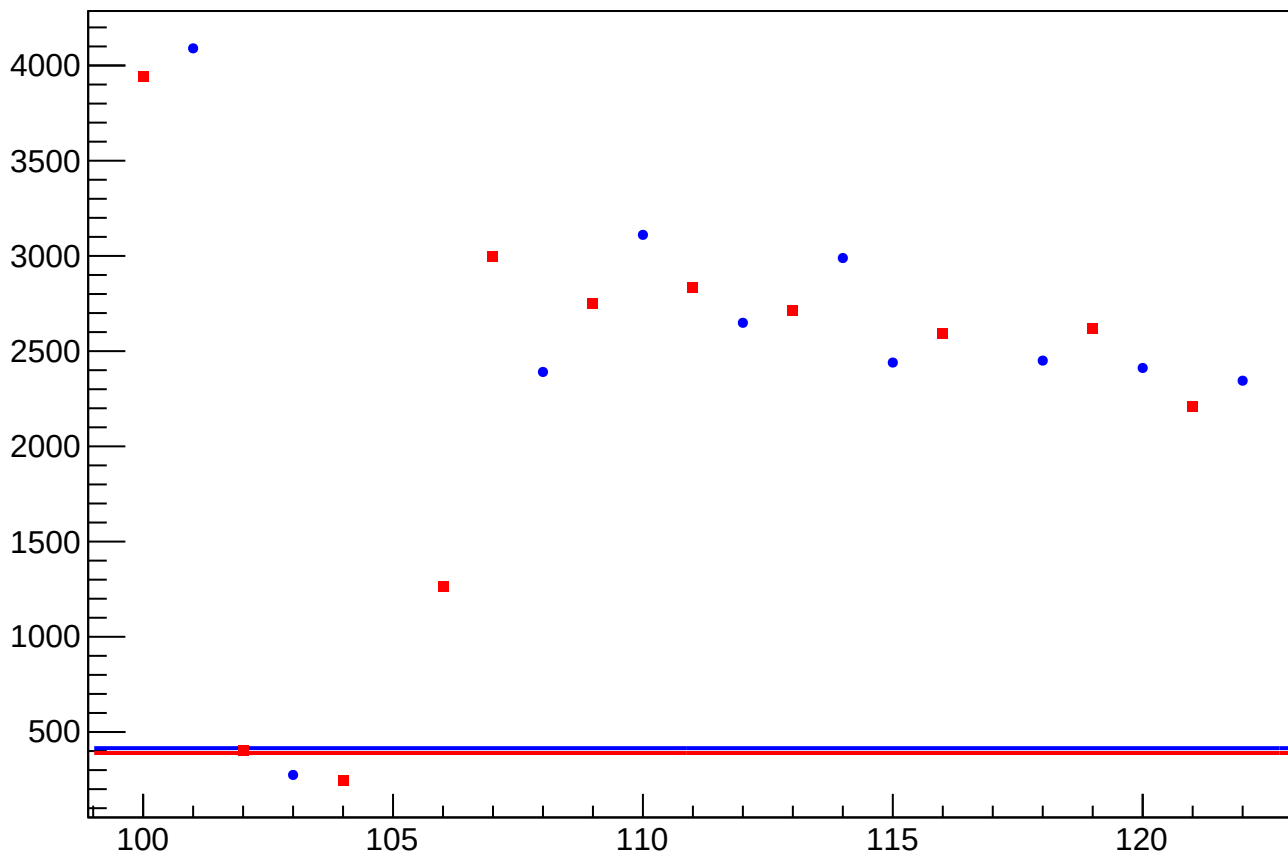
Right: -111.328 ± 237.465 χ^2/NDF : 19.0/20

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

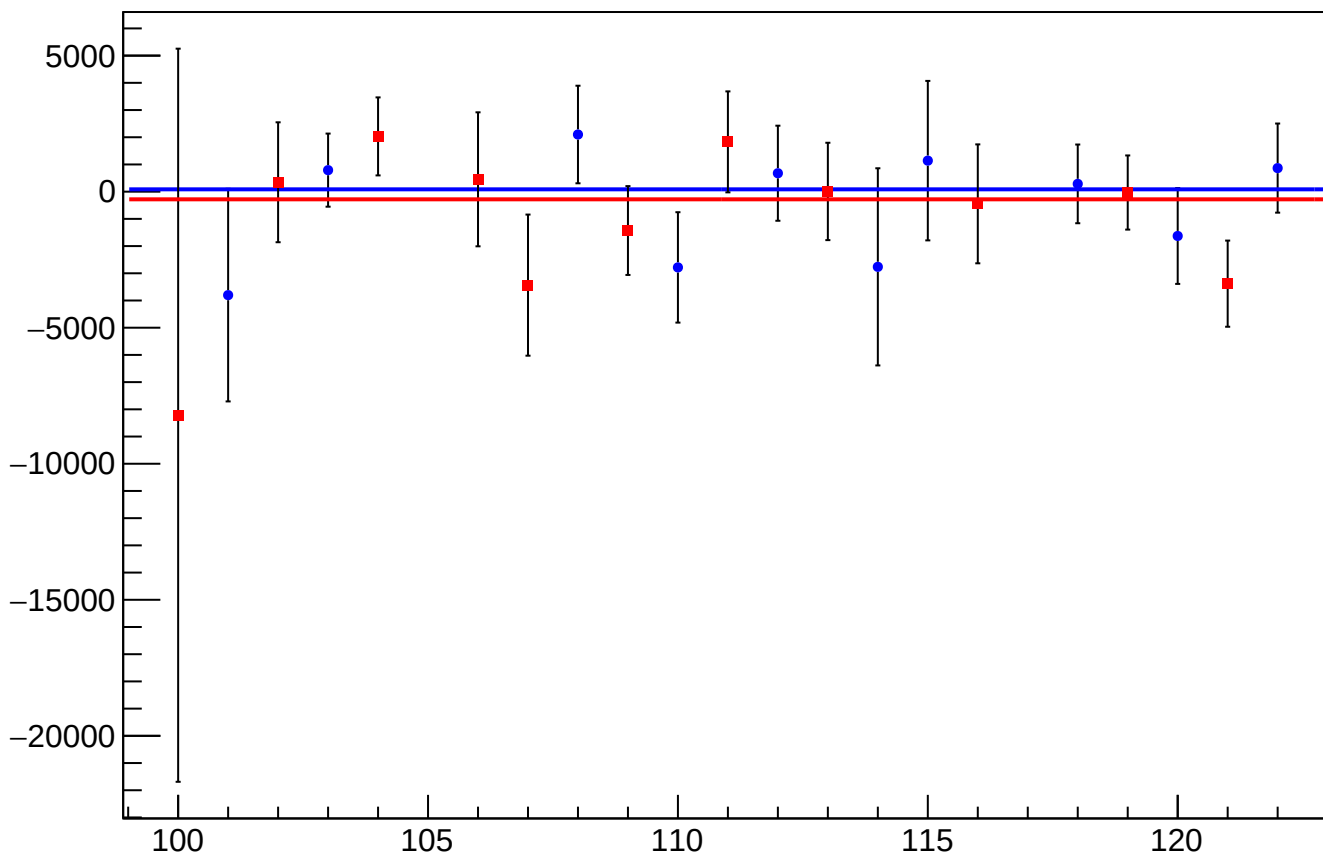
Right: 401.413+/-0.168 χ^2/NDF : 10319340.8/20

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

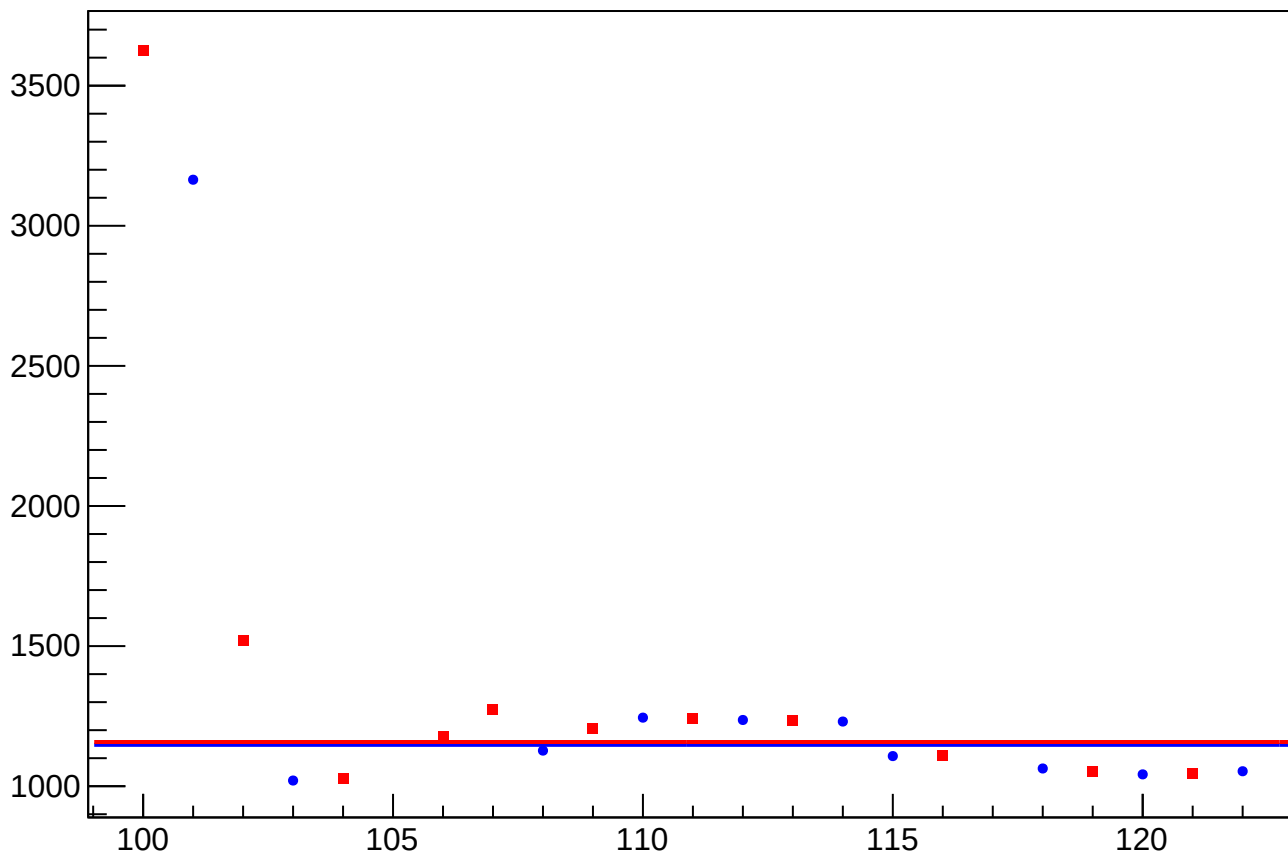
Right: -106.189+/-408.139 χ^2/NDF : 17.1/20

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

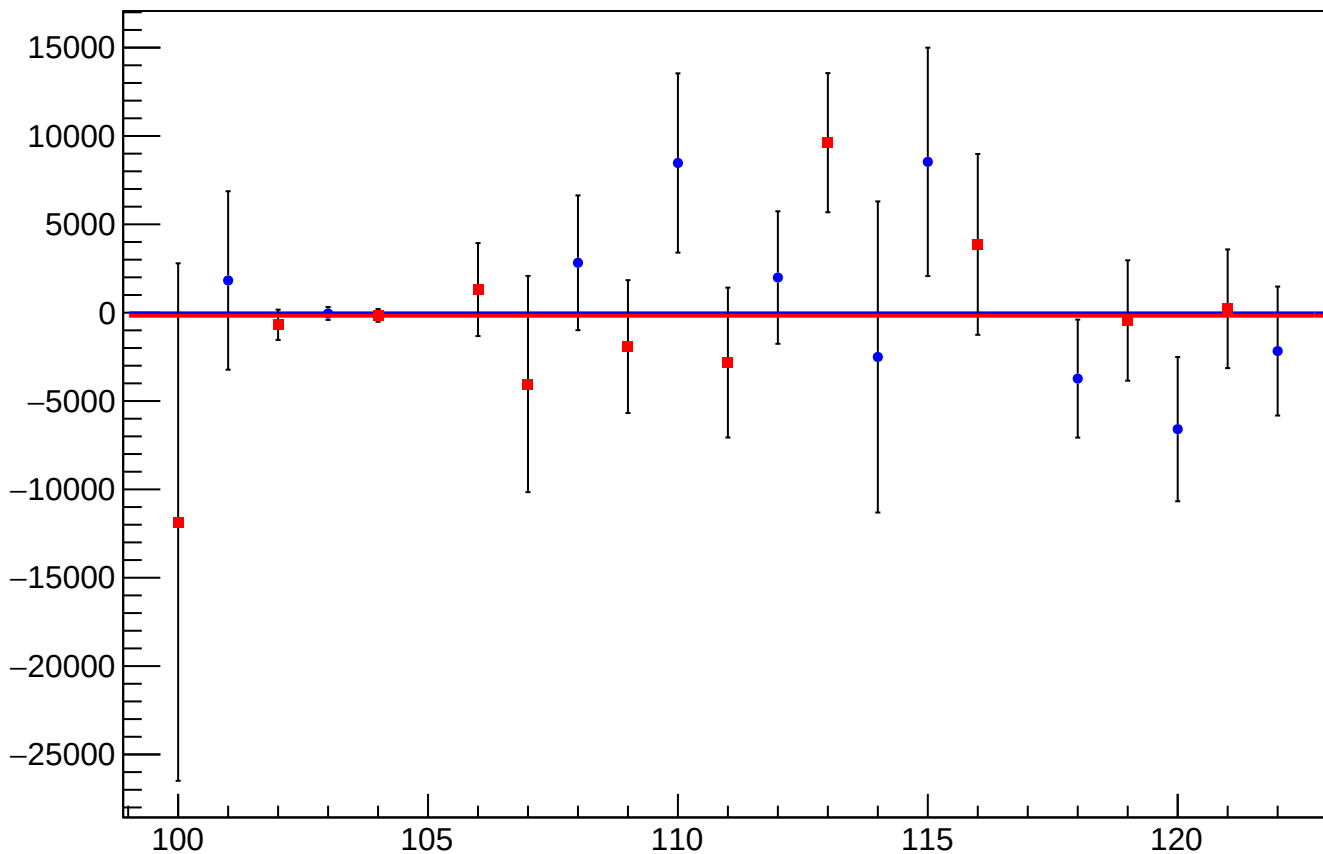
Right: 1152.929+/-0.288 χ^2/NDF : 757784.0/20

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 $\pm$ 351.370 χ^2 /NDF: 9.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -170.697 $\pm$ 322.179 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

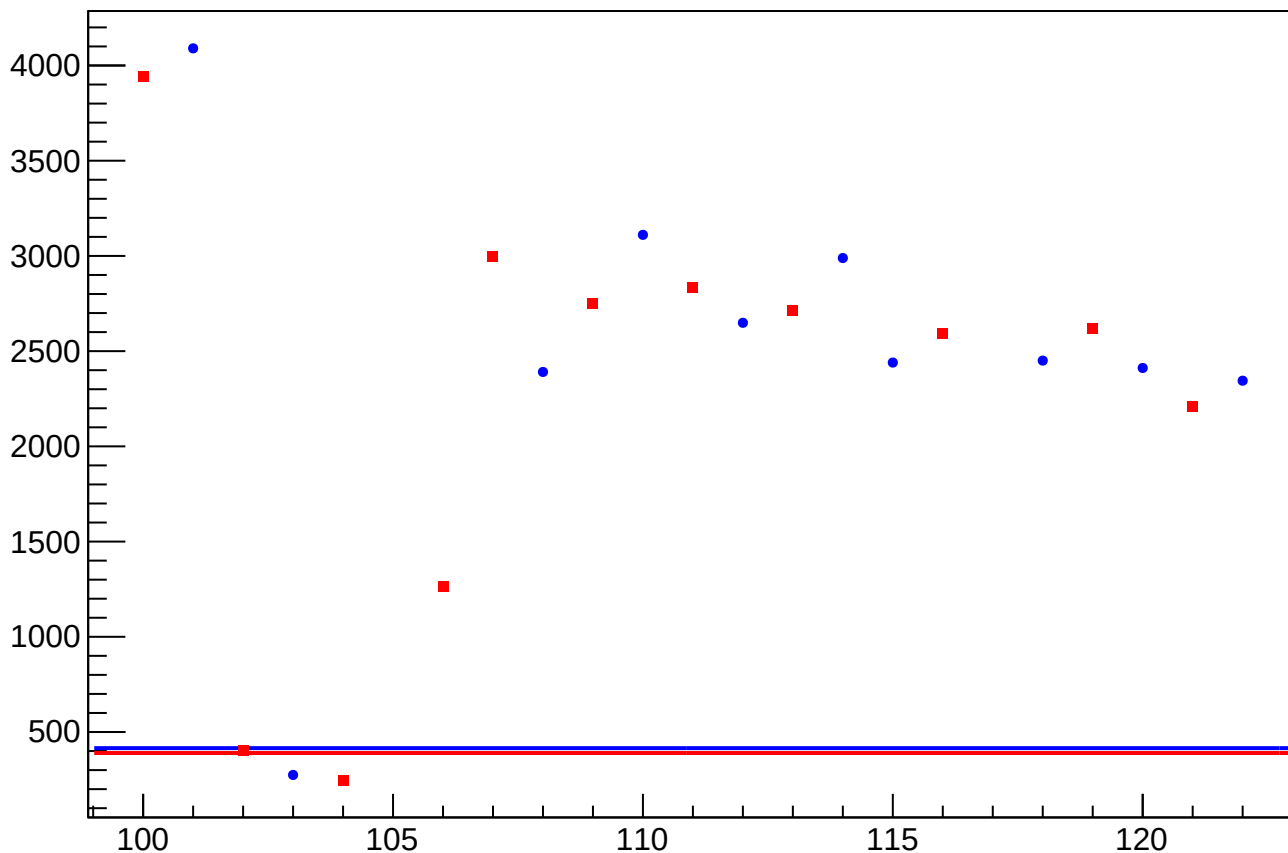
Right: -111.328 $\pm$ 237.465 χ^2 /NDF: 19.0/20

In: -40.713 $\pm$ 351.370 χ^2 /NDF:9.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -111.328 $\pm$ 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

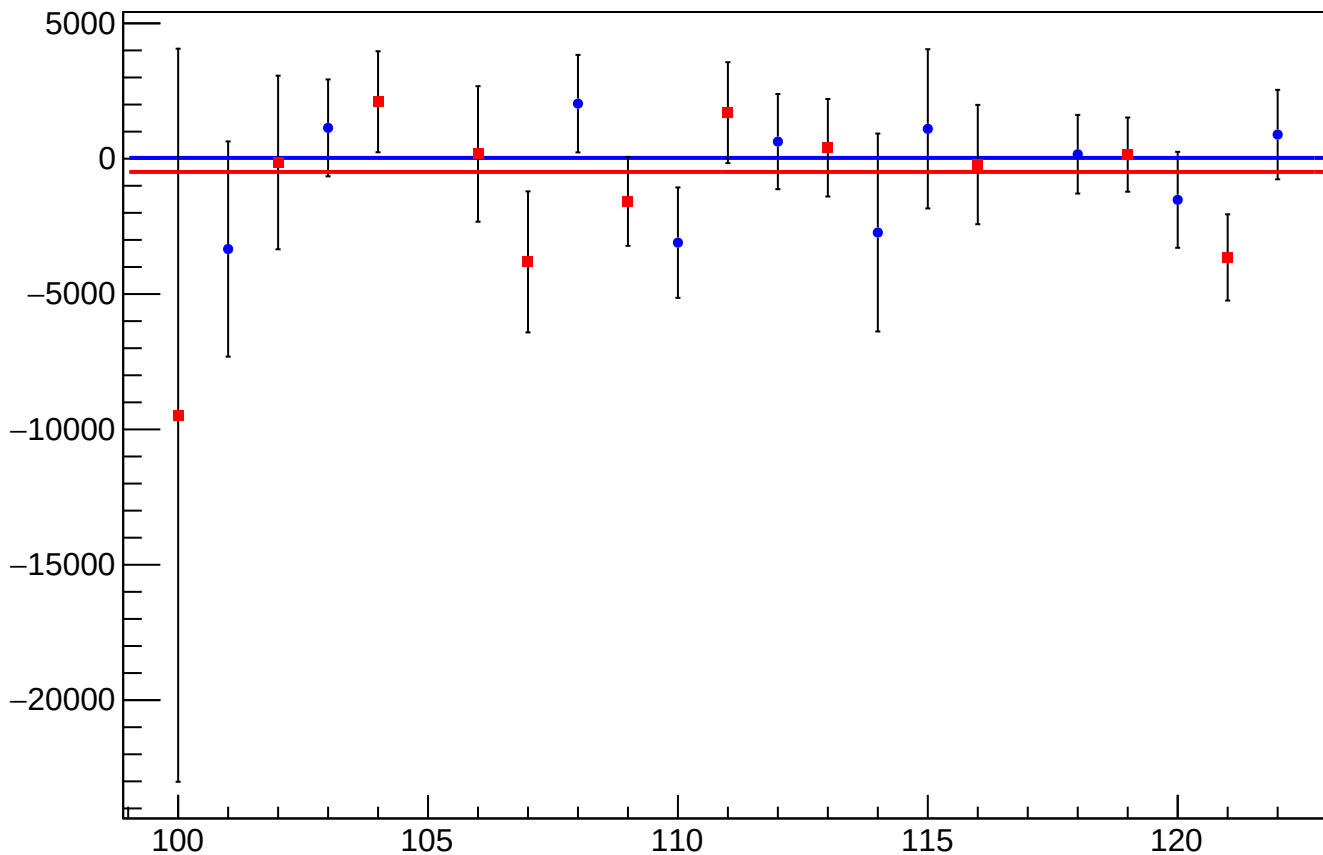
Right: 401.413+/-0.168 χ^2/NDF : 10319340.8/20

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

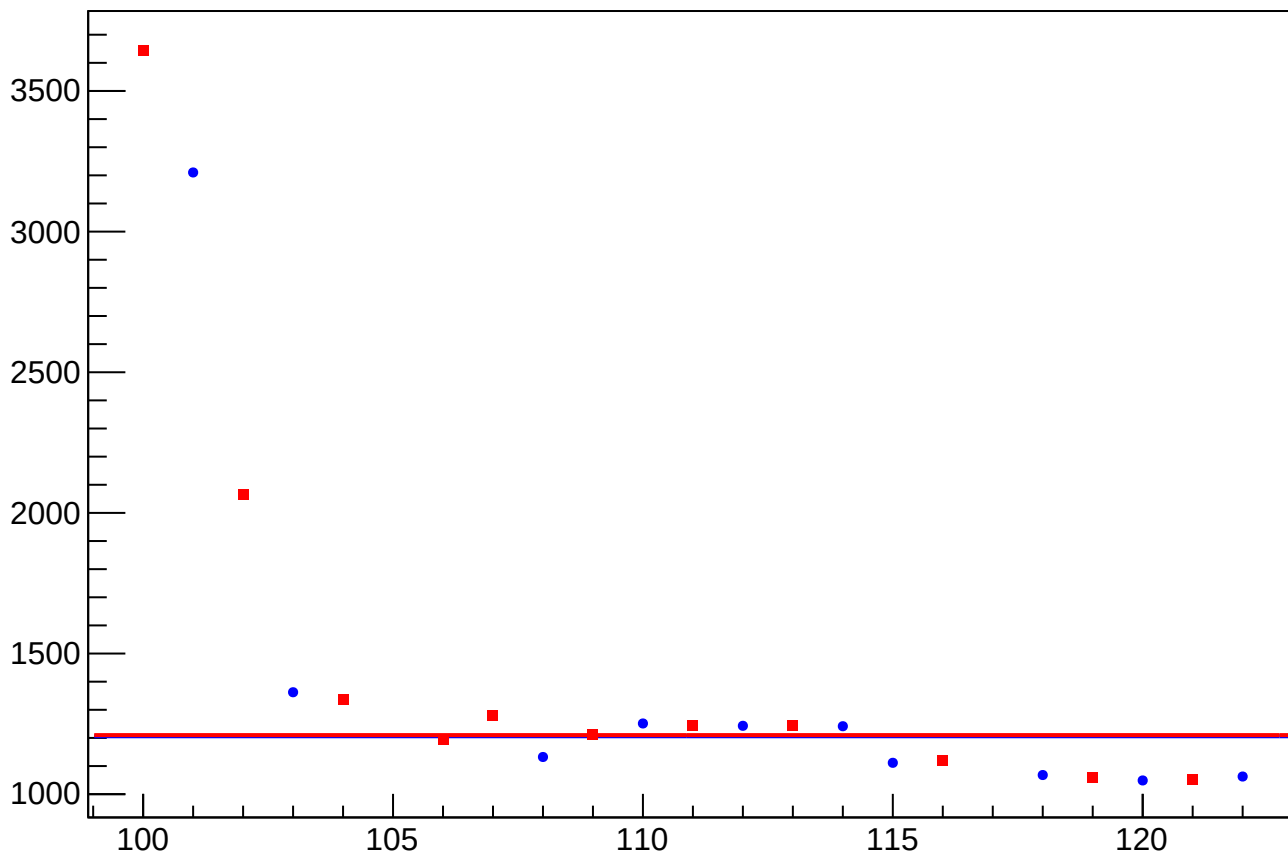
Right: -239.516+/-430.596 χ^2/NDF : 17.2/20

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

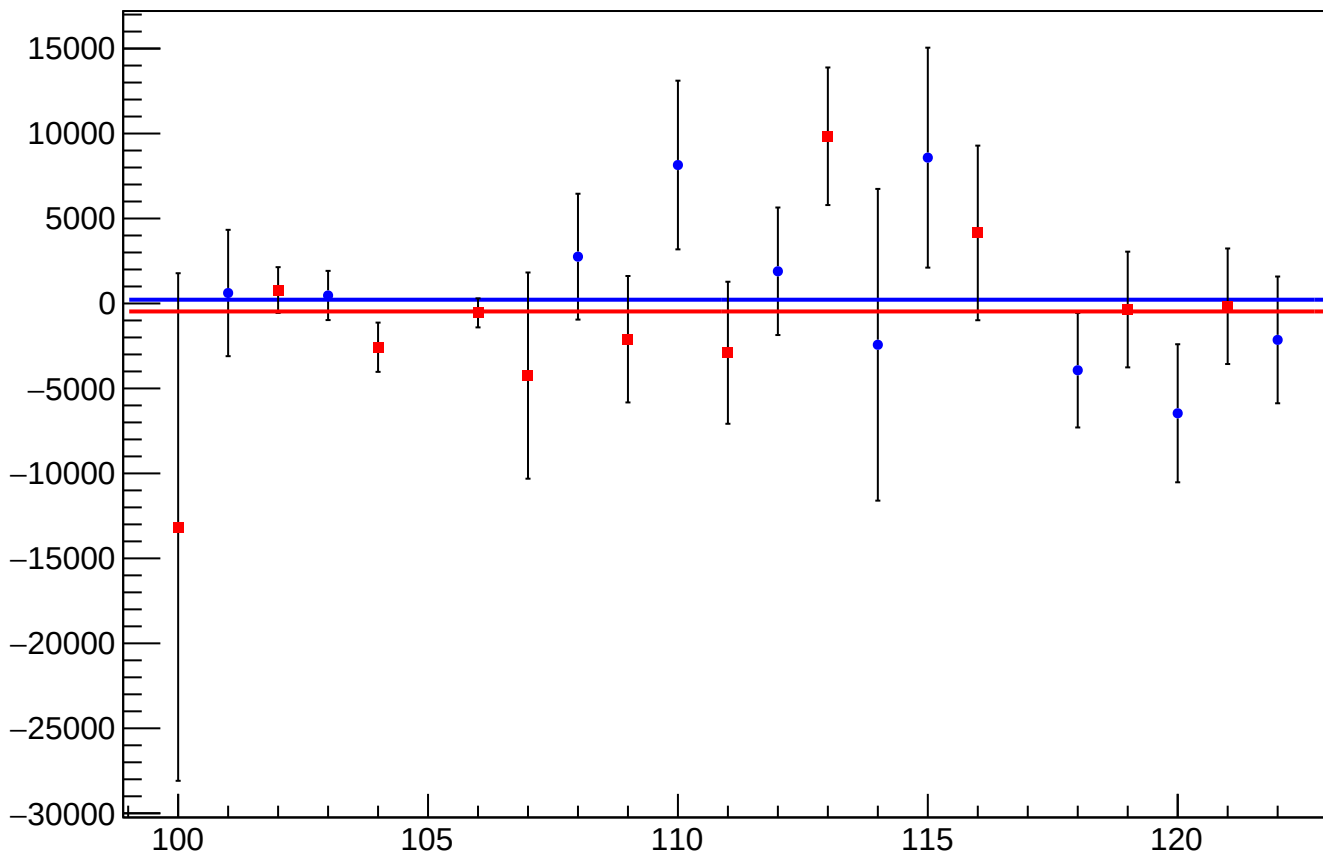
Right: 1208.073+/-0.304 χ^2/NDF : 847114.2/20

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

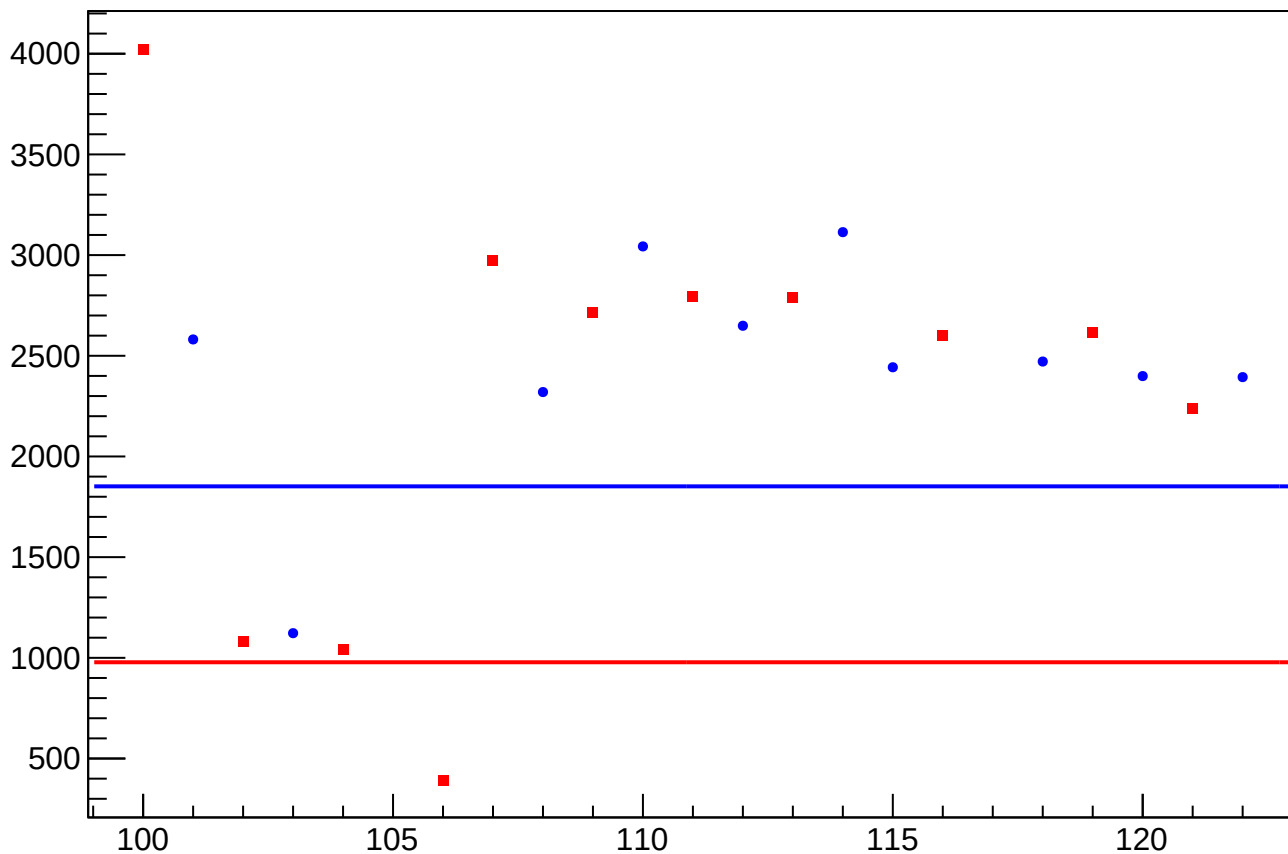
Right: -291.036+/-511.487 χ^2/NDF : 21.9/20

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

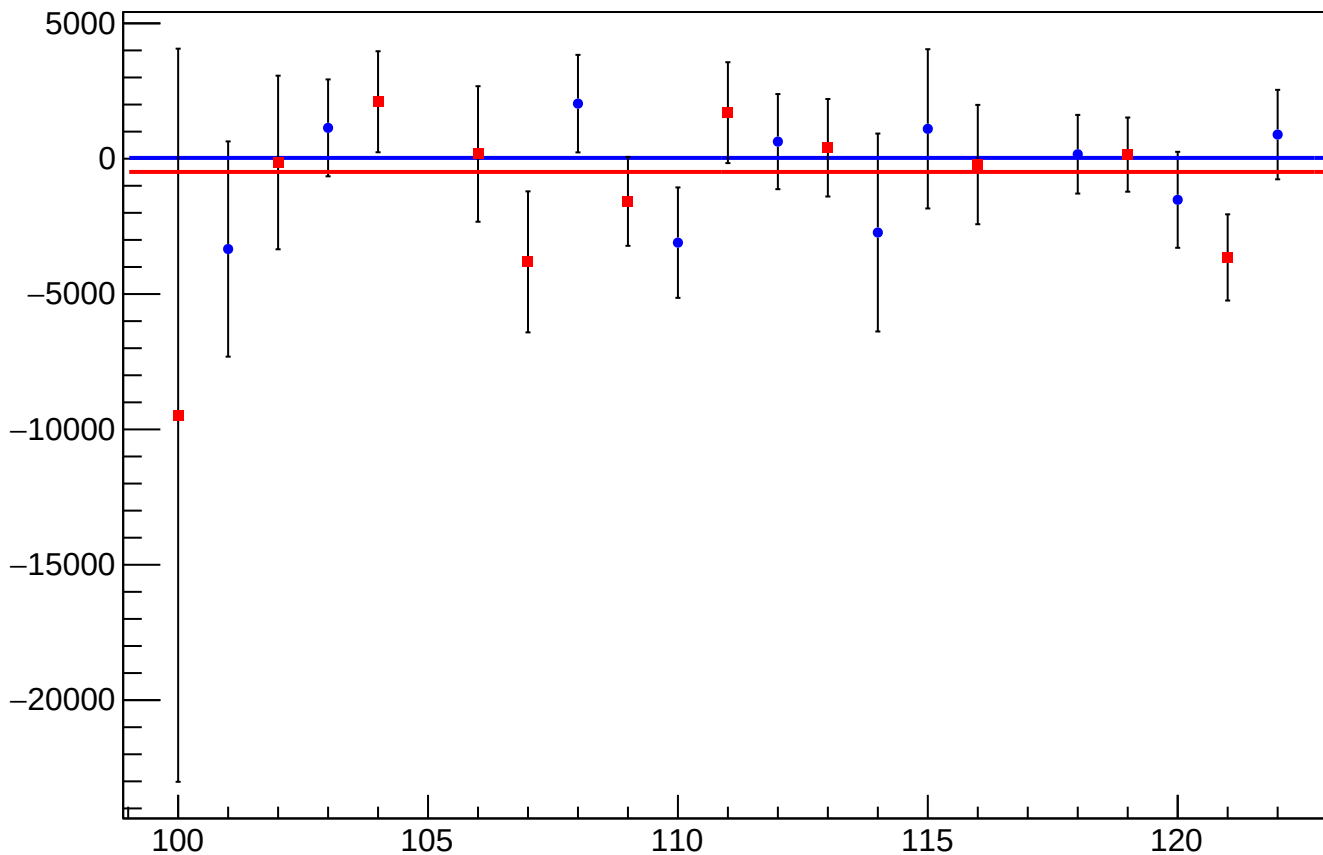
Right: 1204.409+/-0.362 χ^2/NDF : 5556852.7/20

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

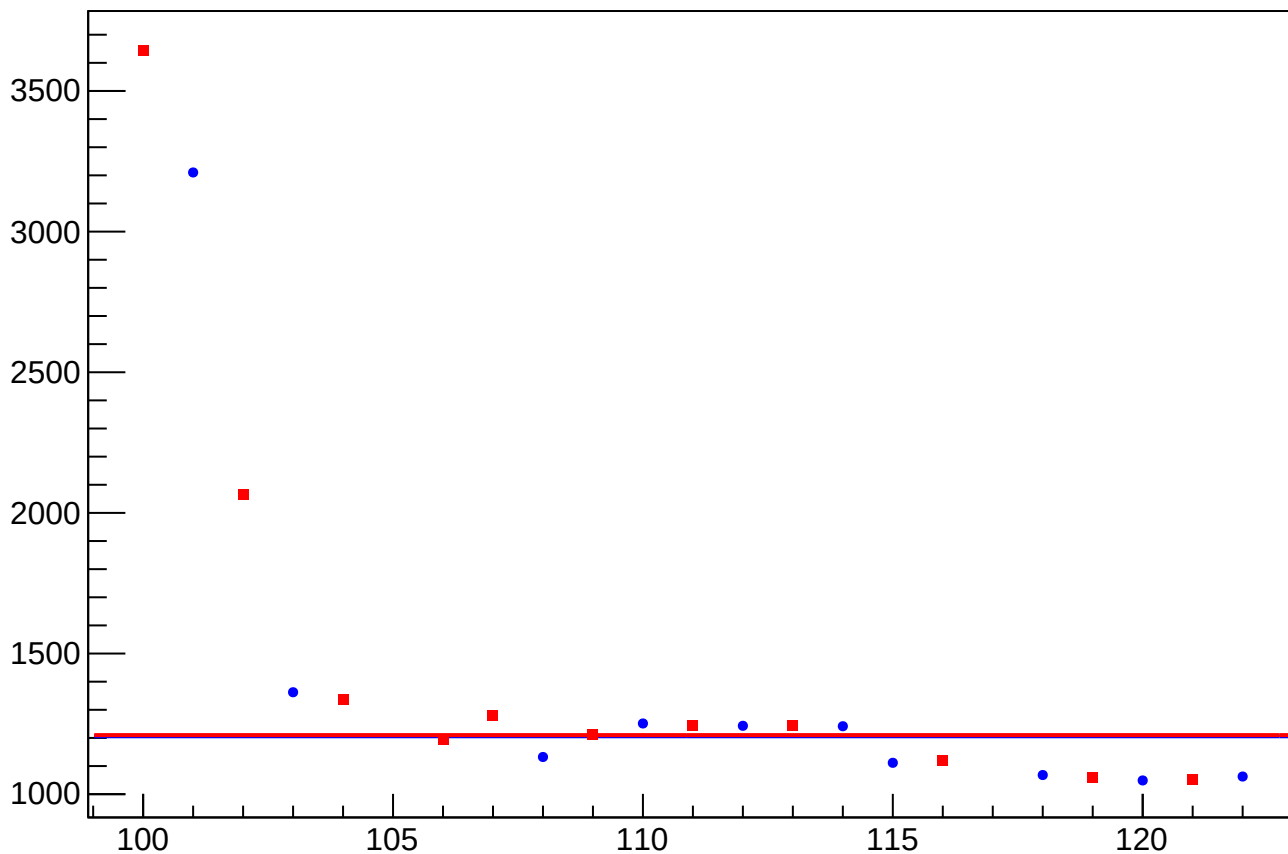
Right: -239.518+/-430.596 χ^2/NDF : 17.2/20

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

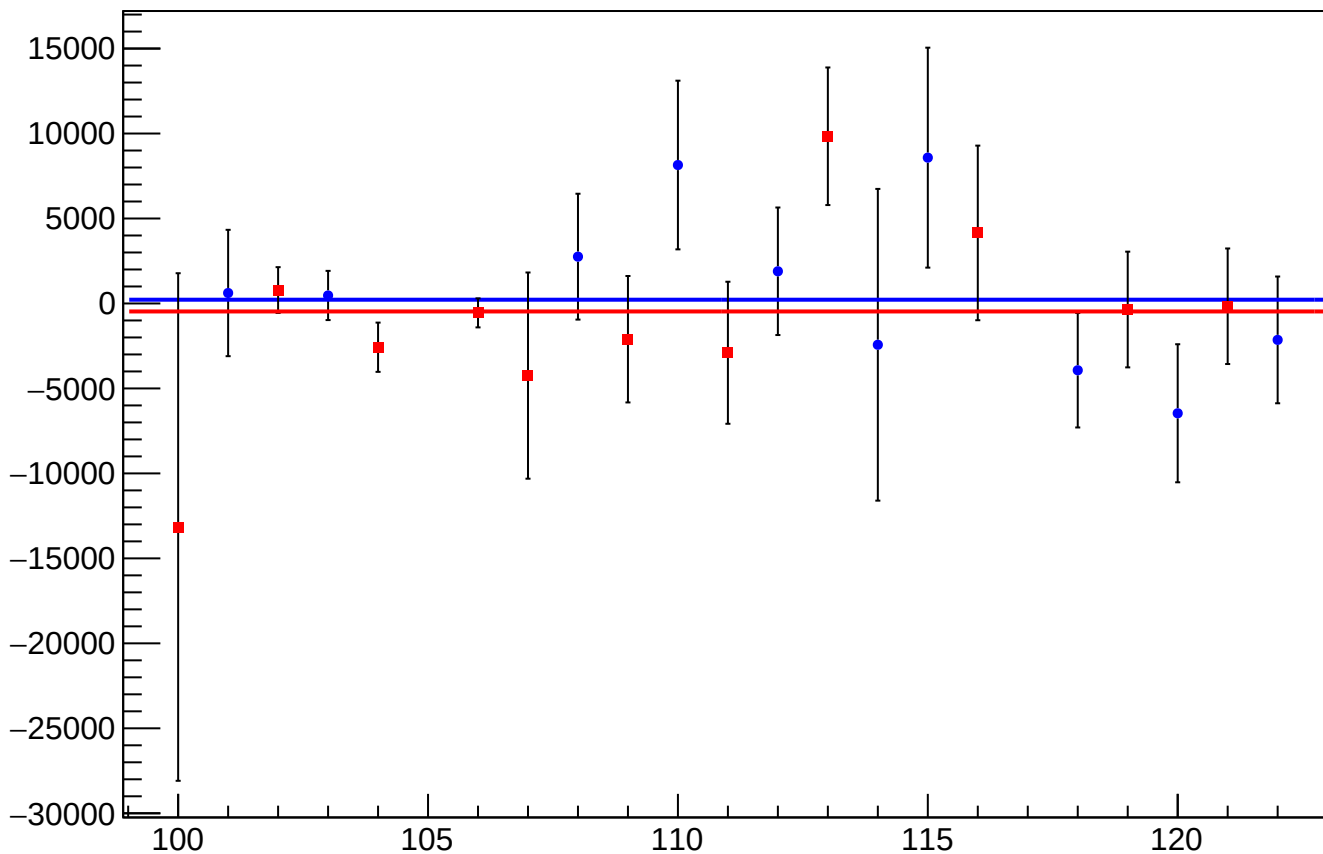
Right: 1208.073+/-0.304 χ^2/NDF : 847114.1/20

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

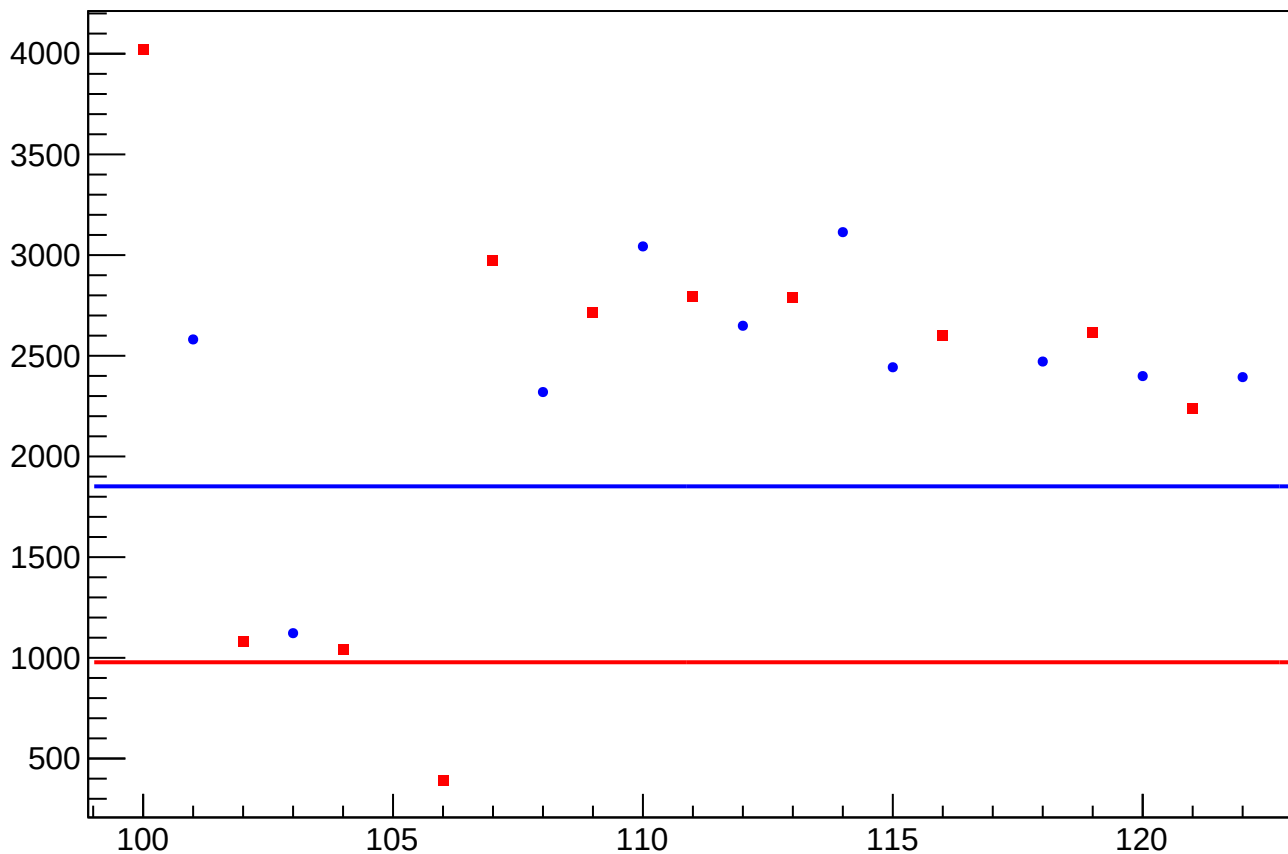
Right: -291.039+/-511.481 χ^2/NDF : 21.9/20

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

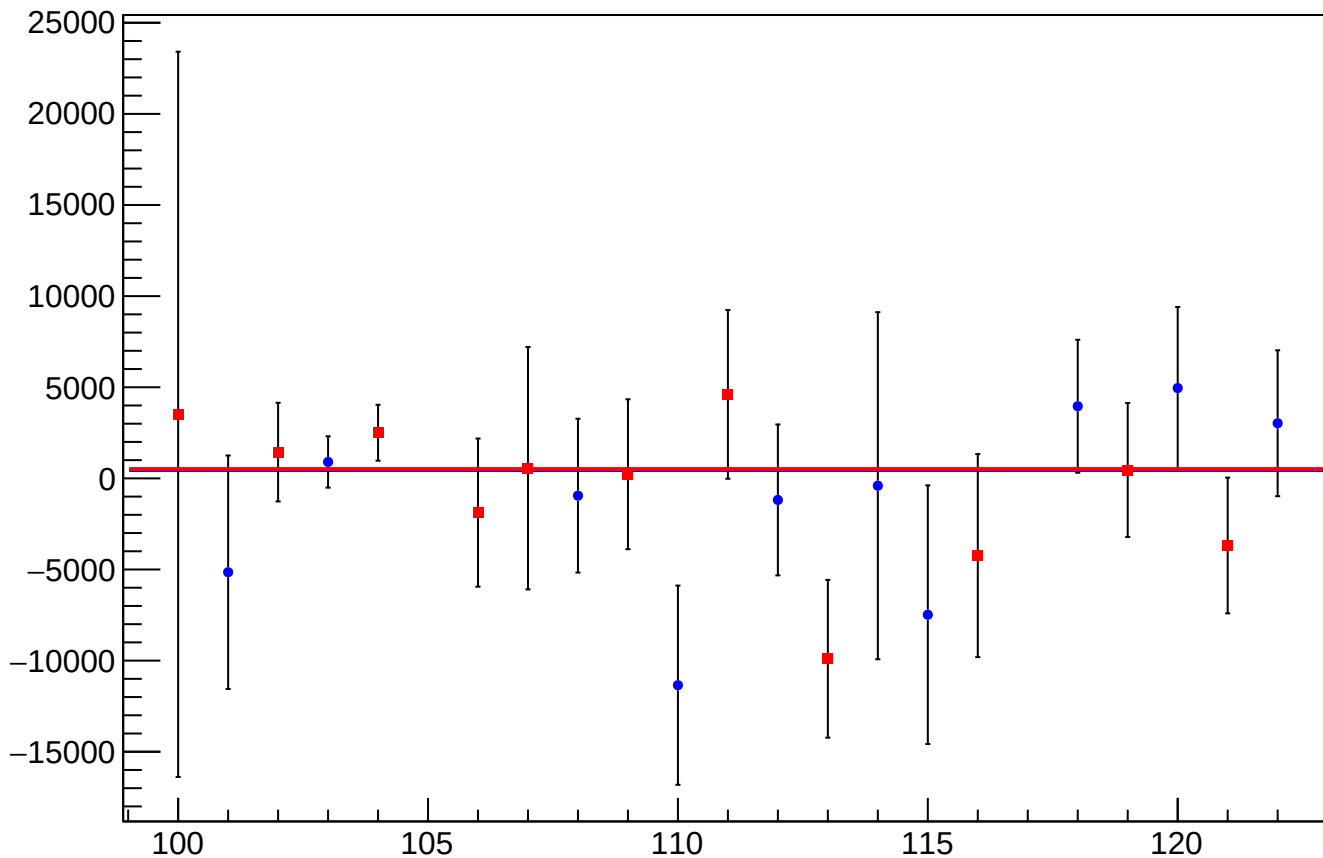
Right: 1204.389+/-0.362 χ^2/NDF : 5556984.8/20

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

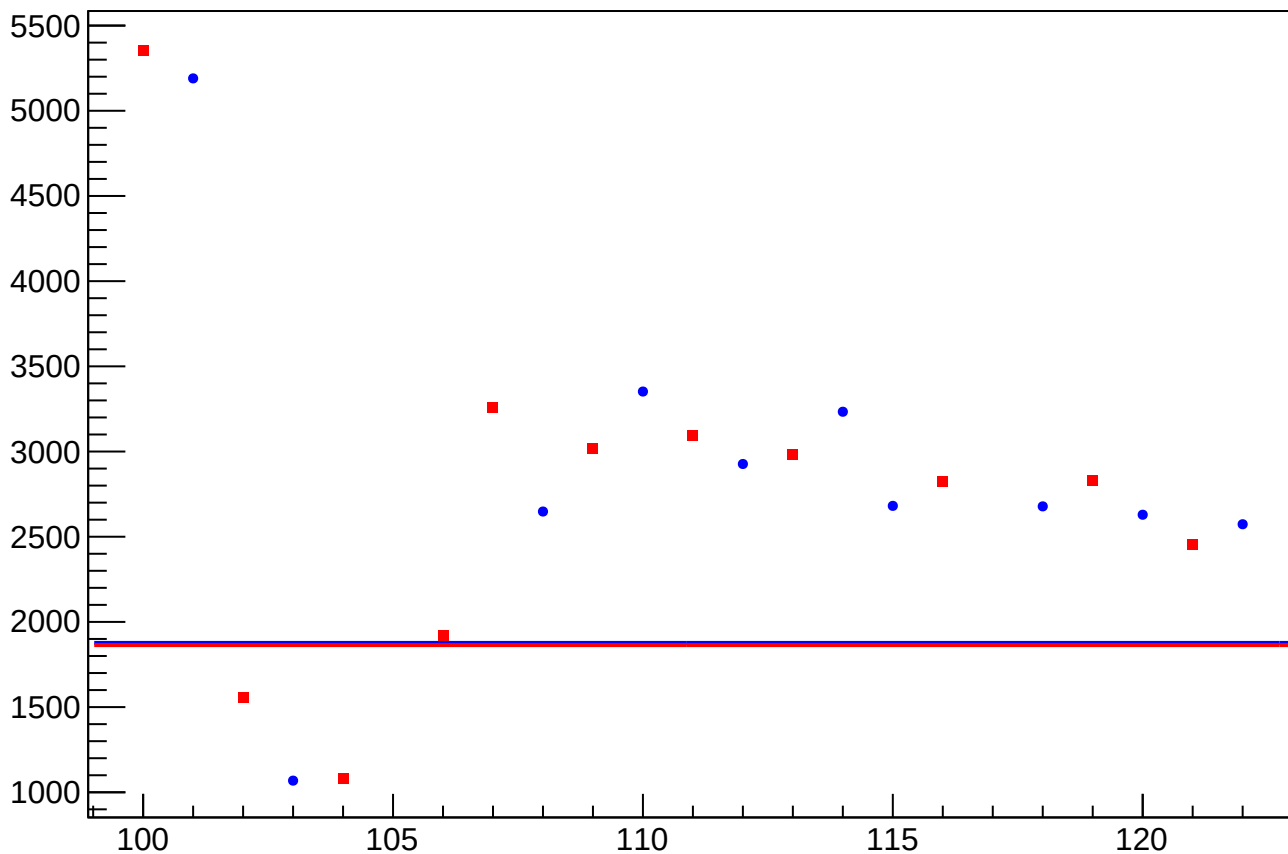
Right: 485.024+/-729.290 χ^2/NDF : 20.2/20

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

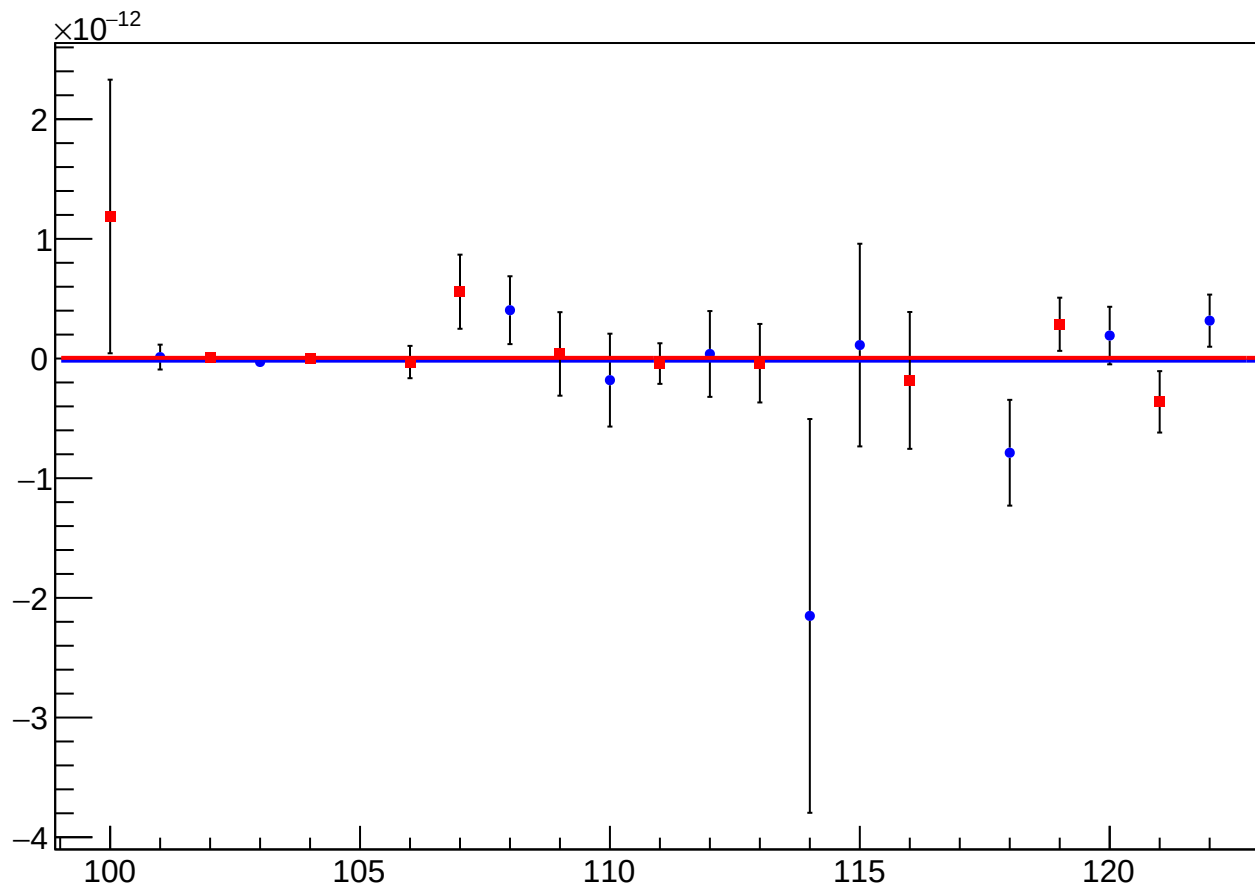
Right: 1870.033+/-0.515 χ^2/NDF : 3191035.2/20

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

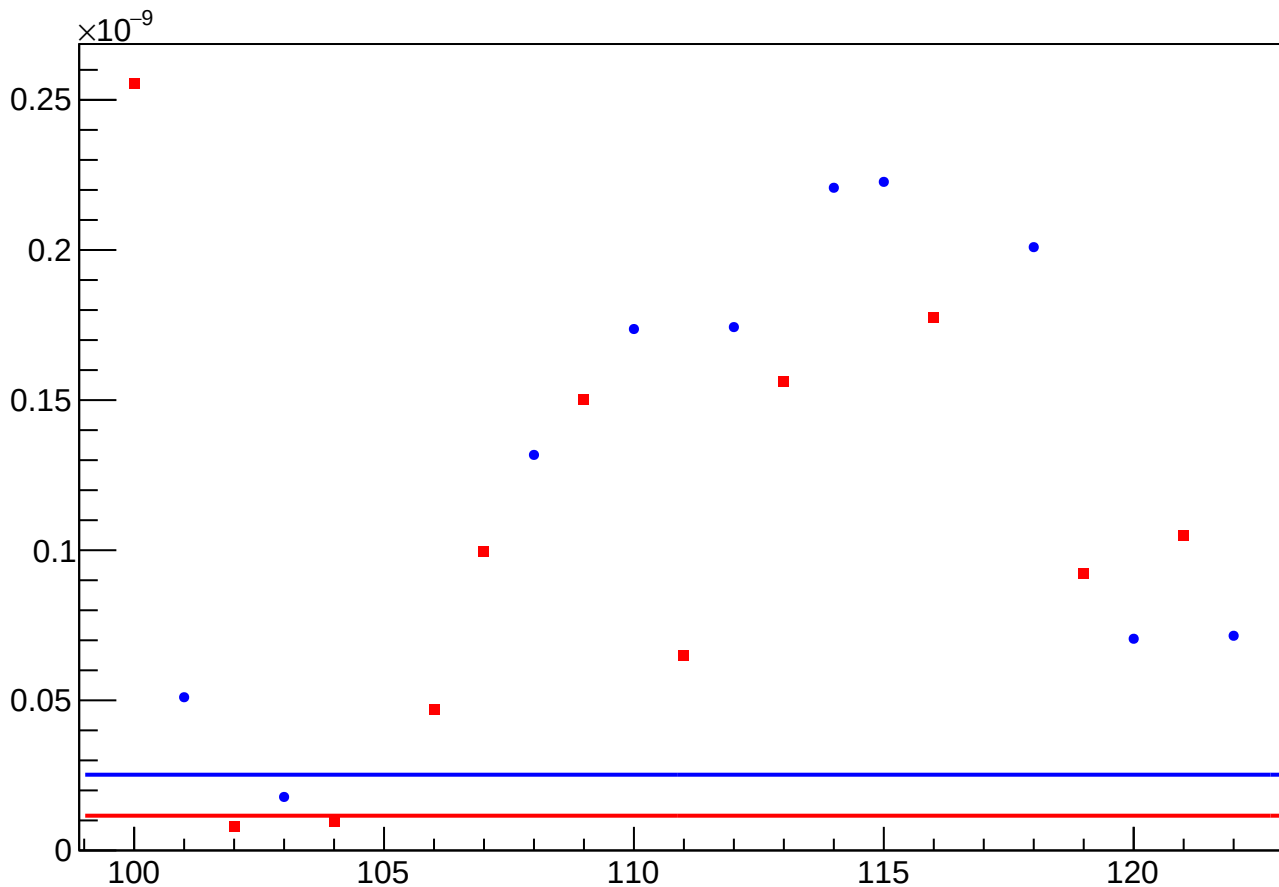
Right: 0.000+/-0.000 χ^2/NDF : 19.3/20

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

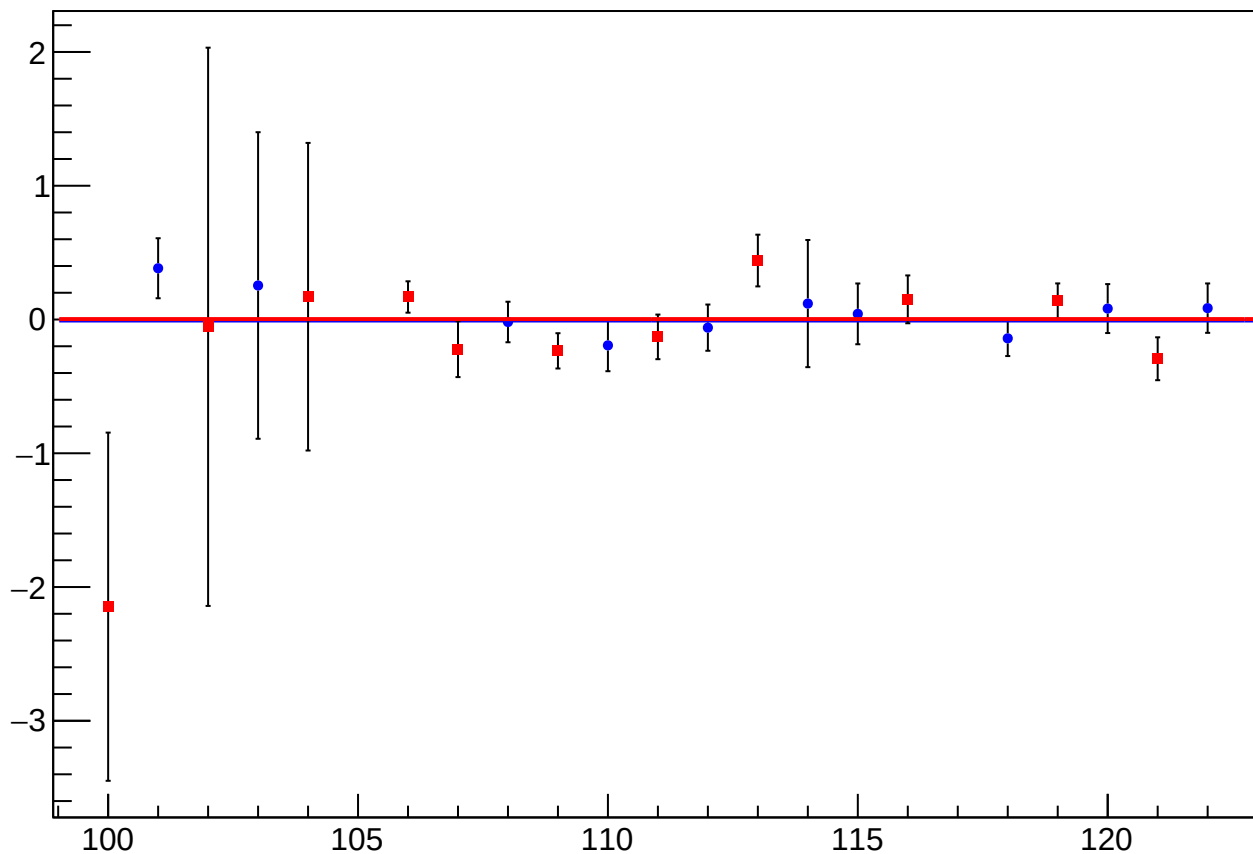
Right: 0.000+/-0.000 χ^2/NDF : 4225008.7/20

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

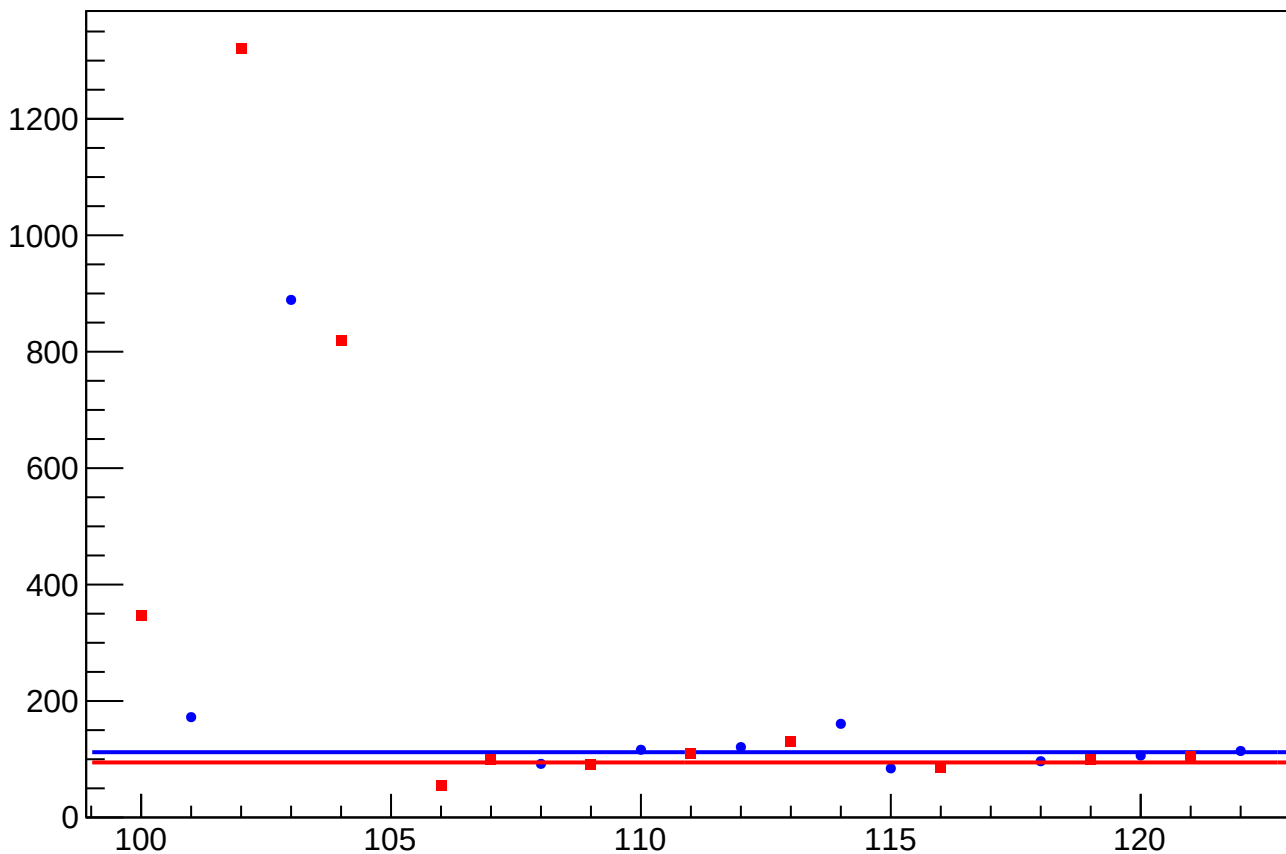
asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

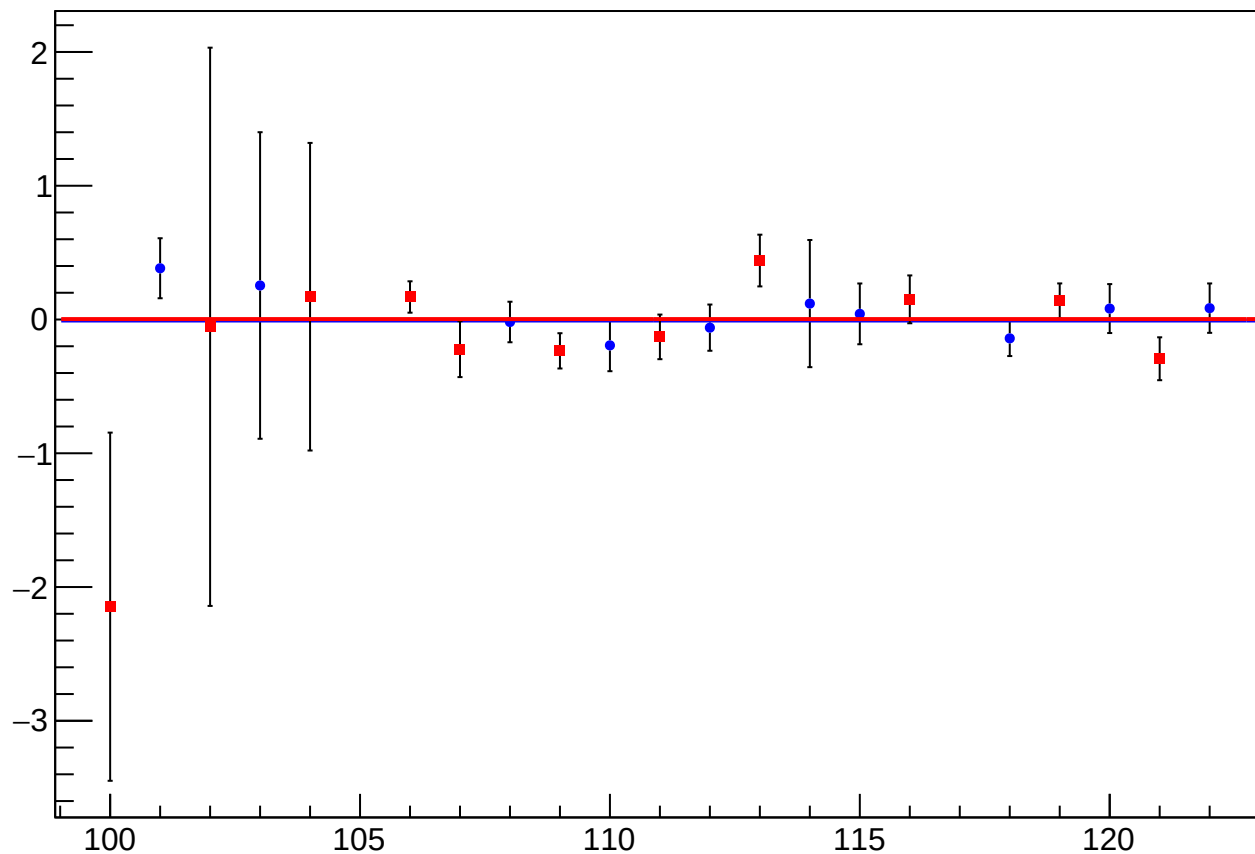
Right: 102.118+/-0.029 χ^2/NDF : 3169082.6/20

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

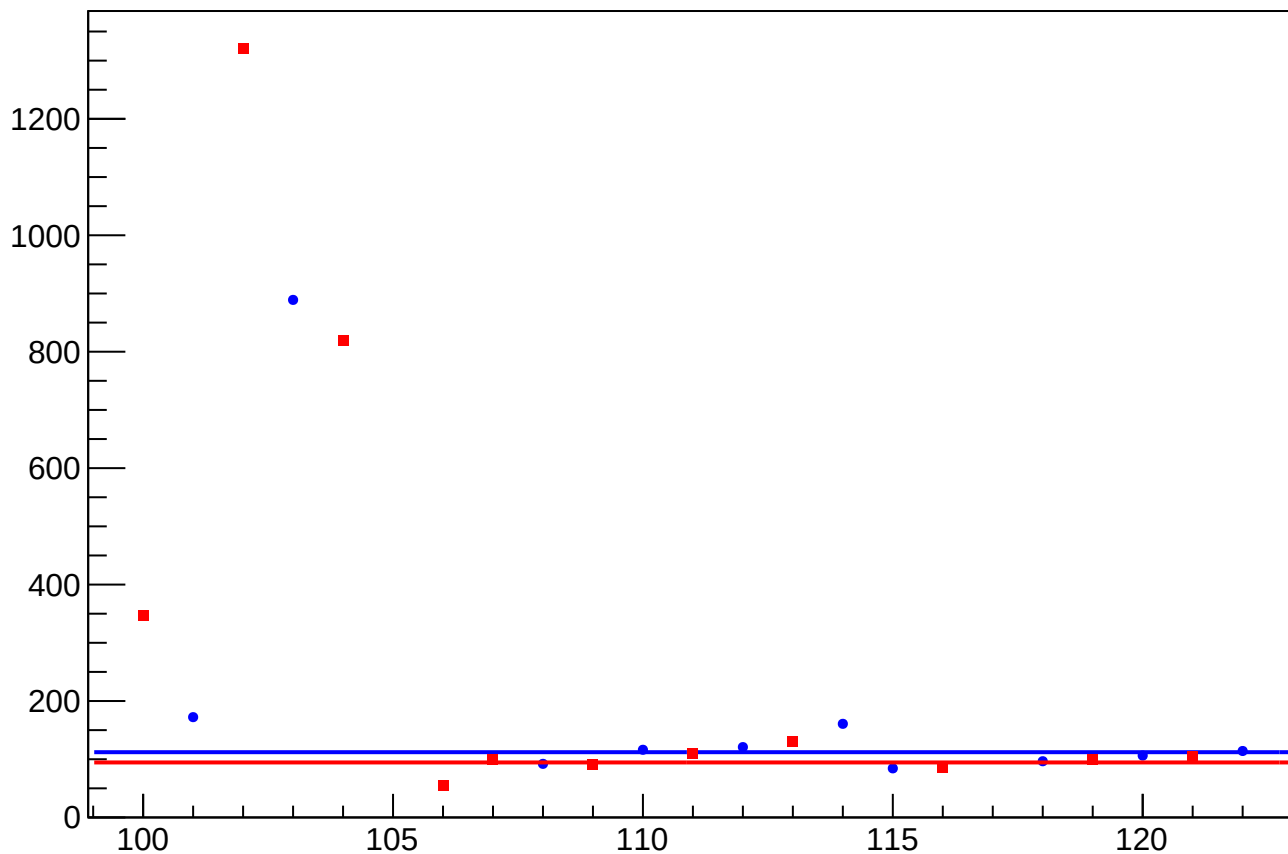
asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

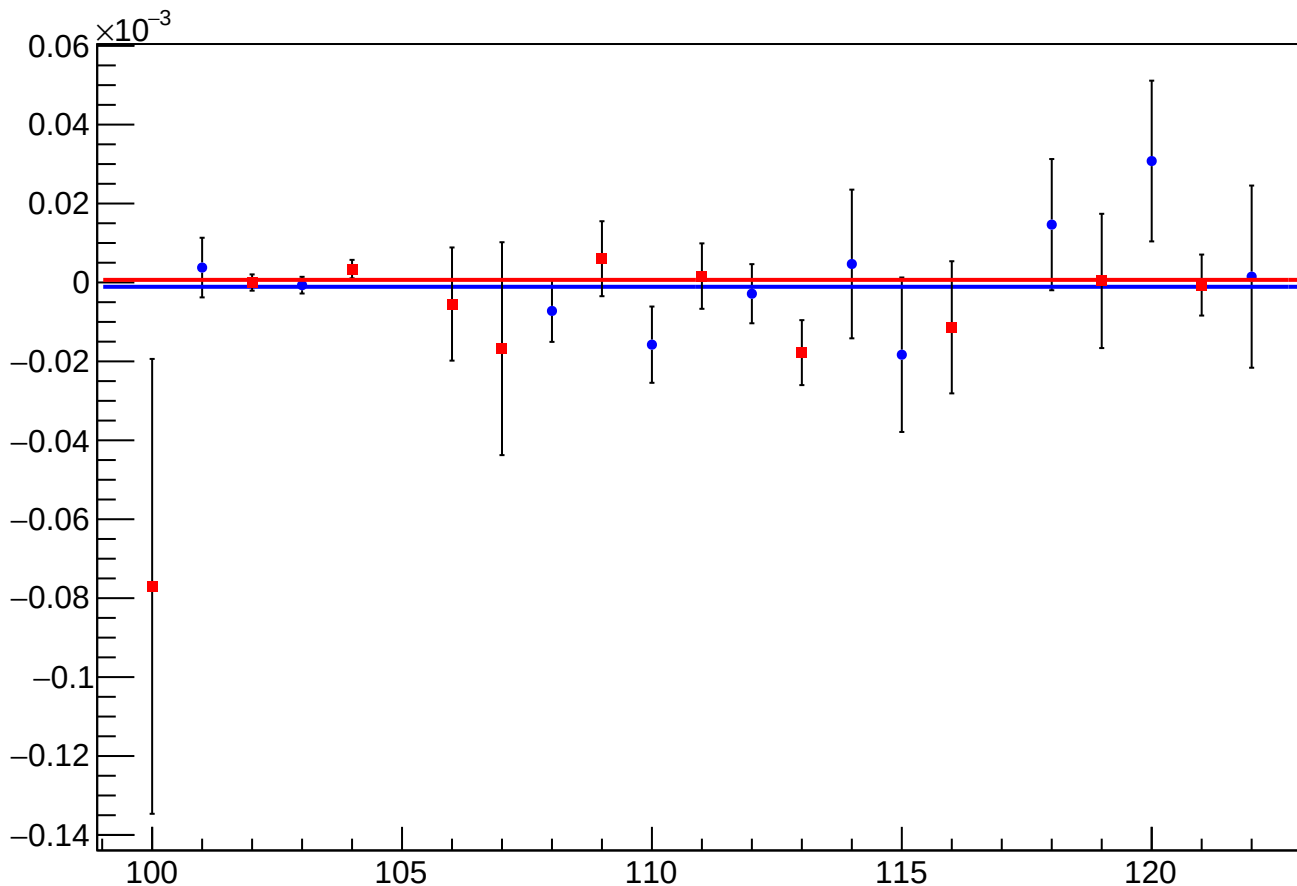
Right: 102.118+/-0.029 χ^2/NDF : 3169082.6/20

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

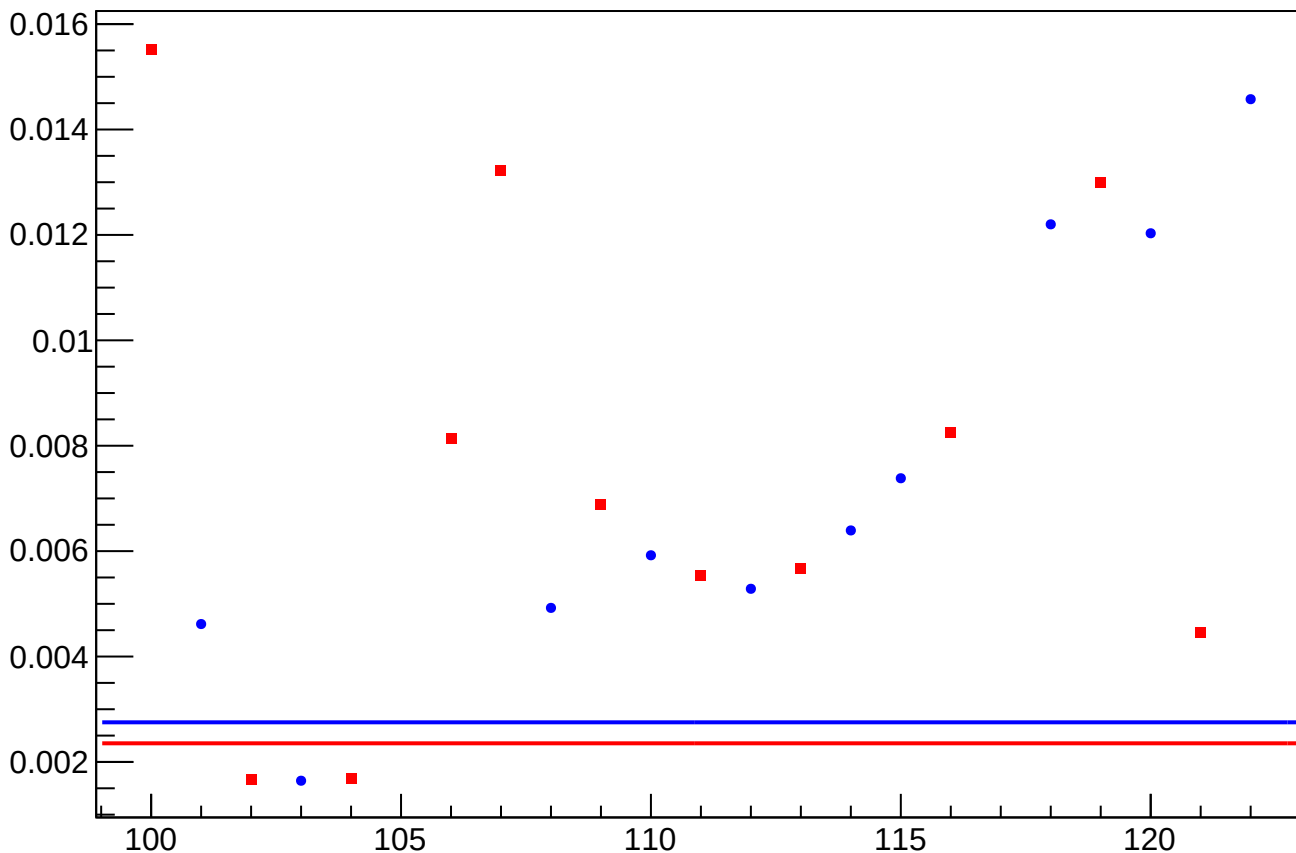
asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

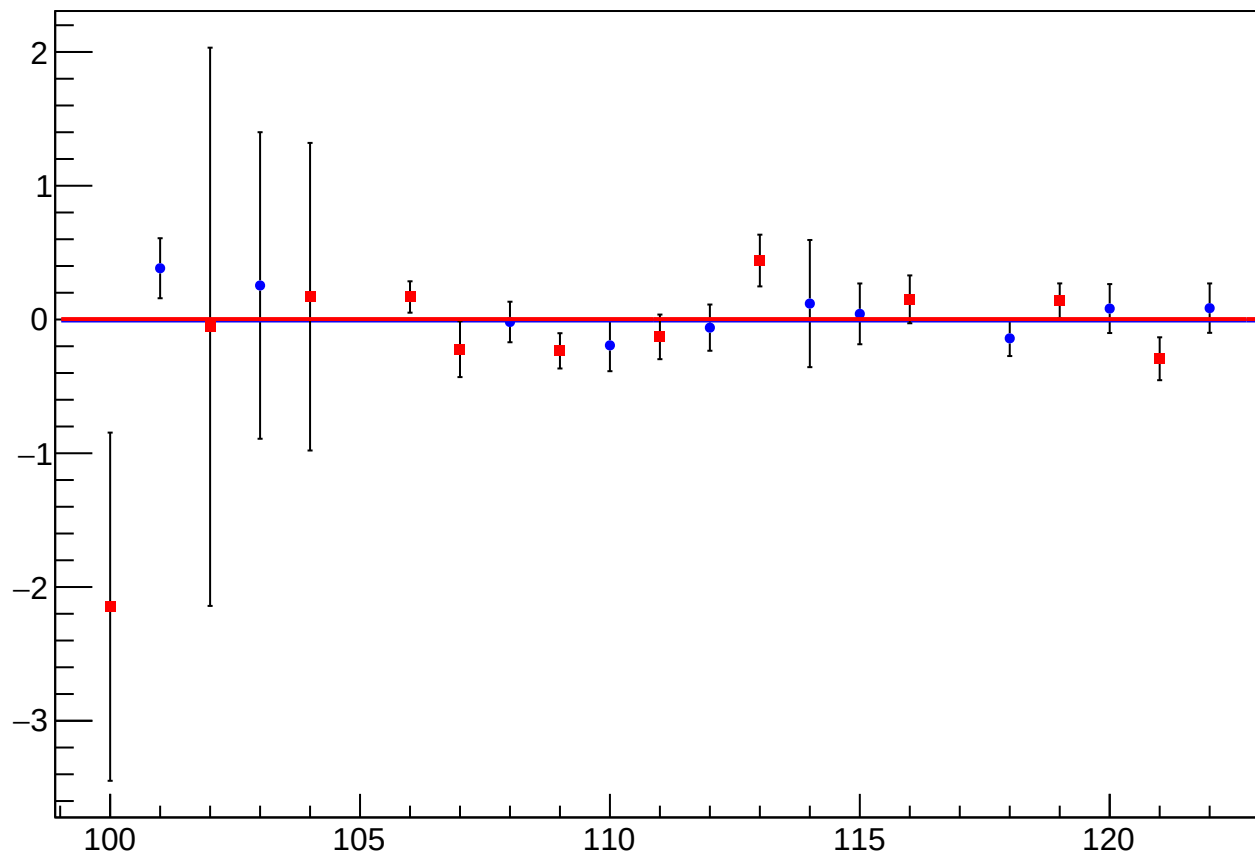
Right: 0.003+/-0.000 χ^2/NDF : 6499782.6/20

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

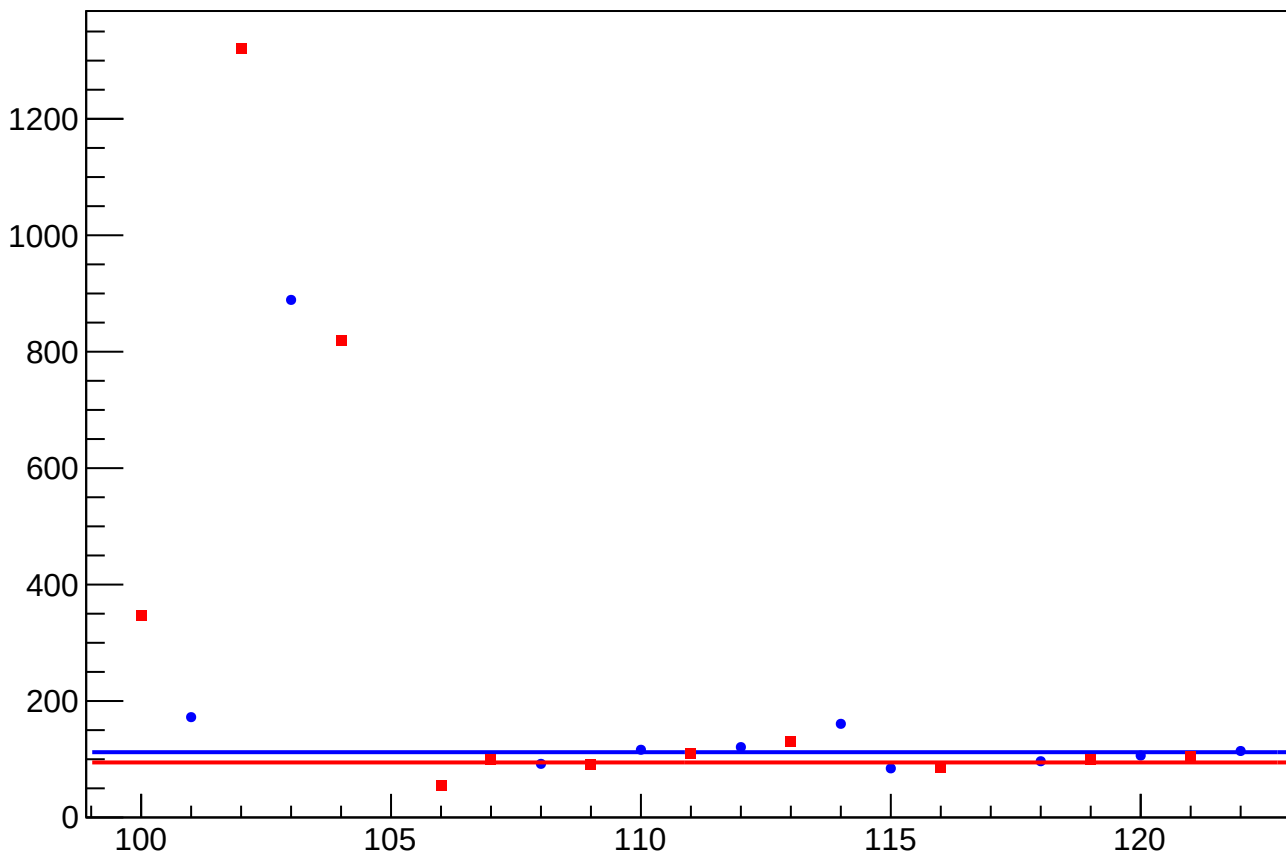
asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

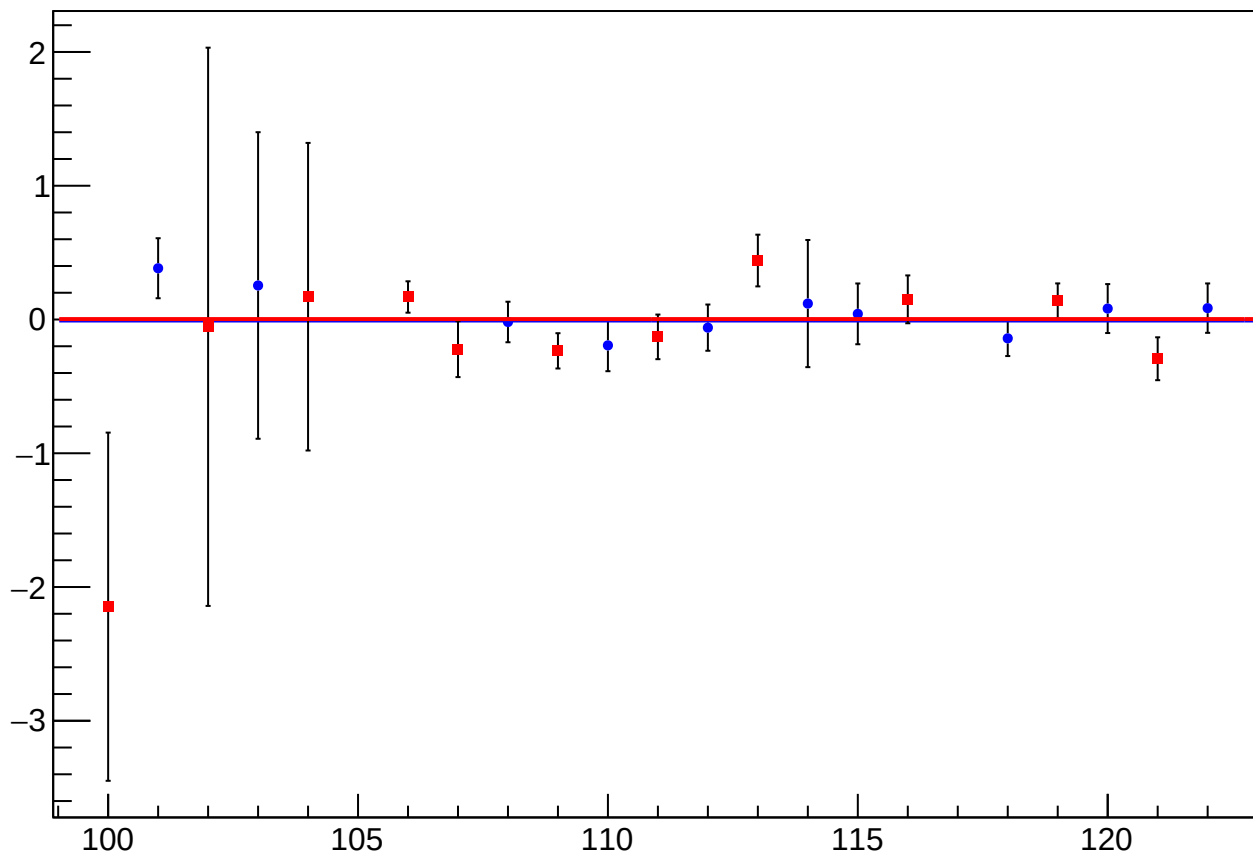
Right: 102.117+/-0.029 χ^2/NDF : 3169156.1/20

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

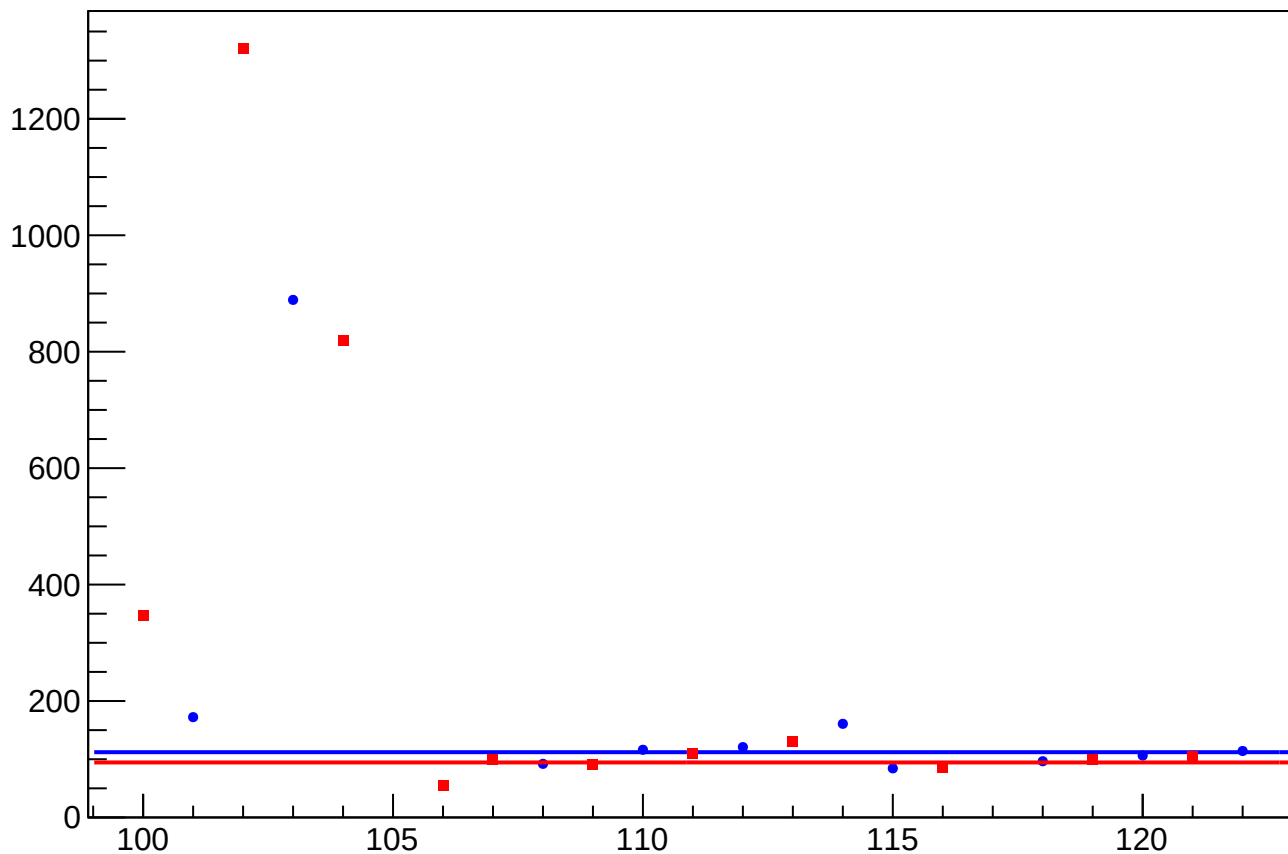
asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

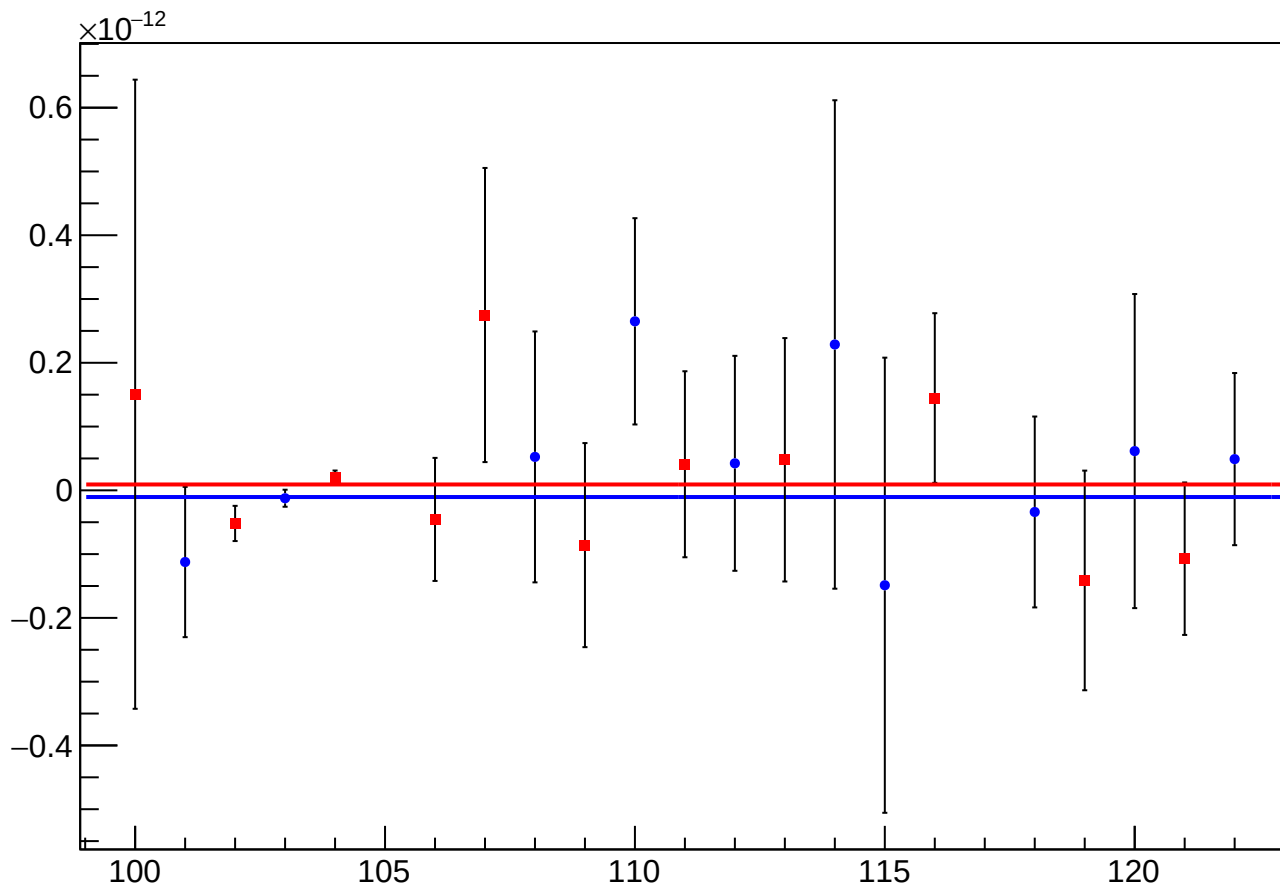
Right: 102.117+/-0.029 χ^2/NDF : 3169156.1/20

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

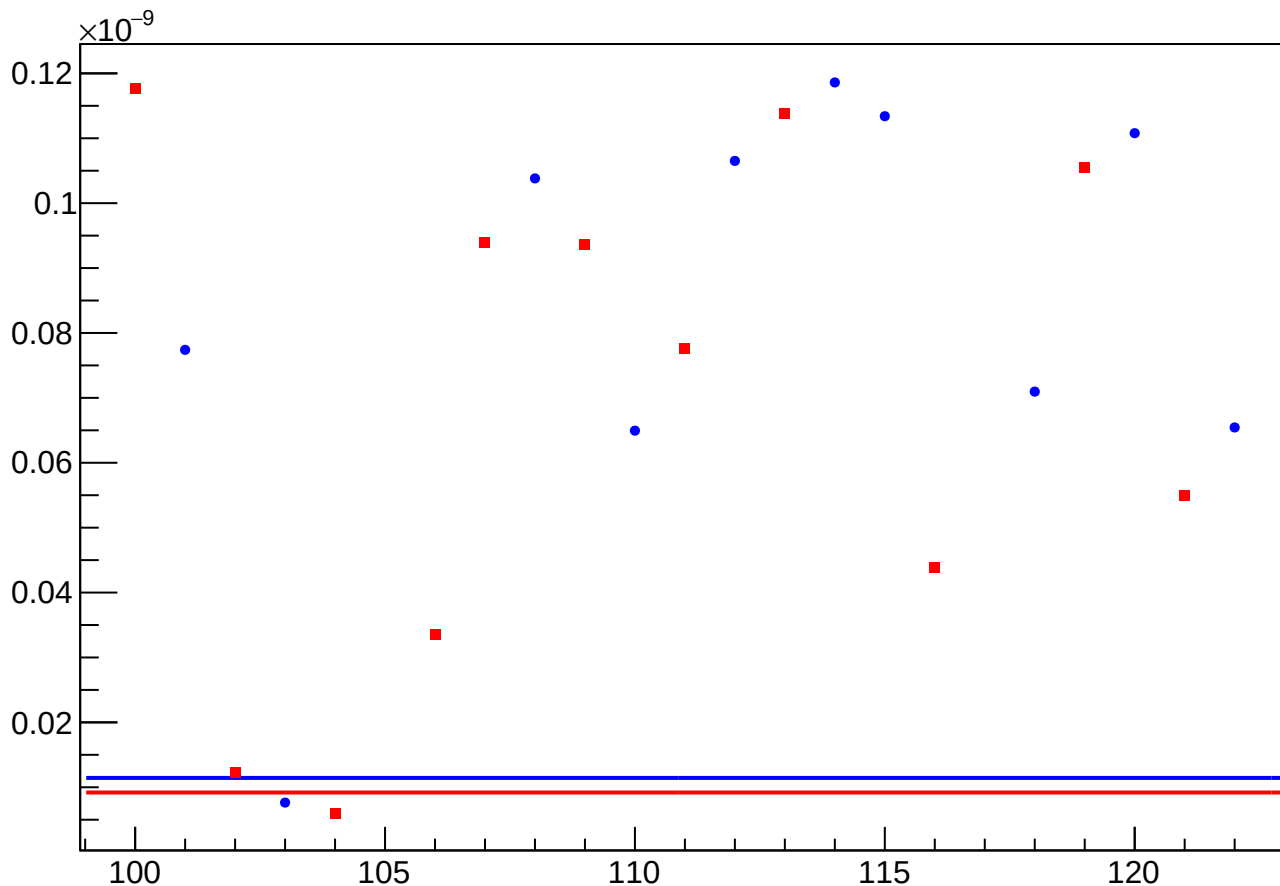
Right: 0.000+/-0.000 χ^2/NDF : 16.9/20

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

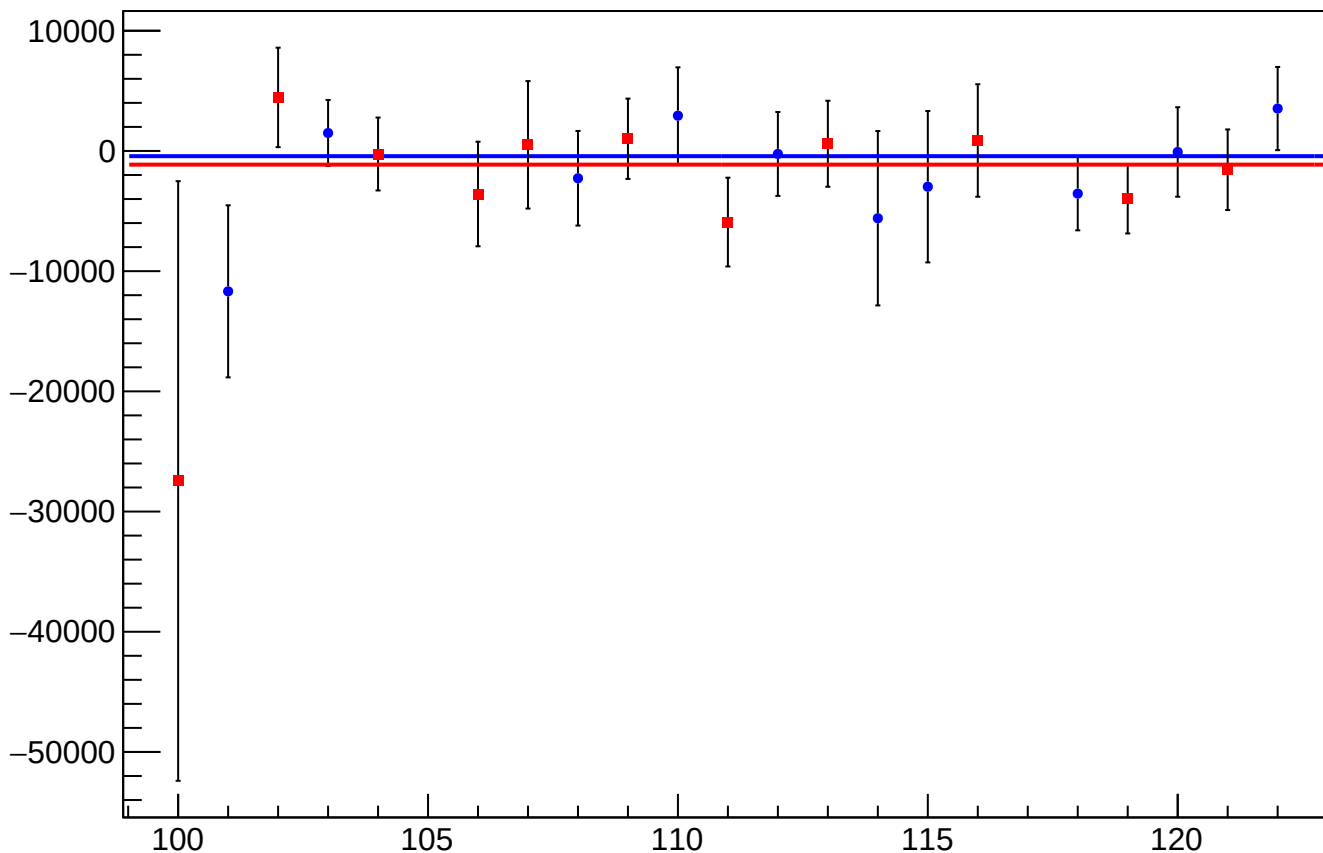
Right: 0.000+/-0.000 χ^2/NDF : 6752420.2/20

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

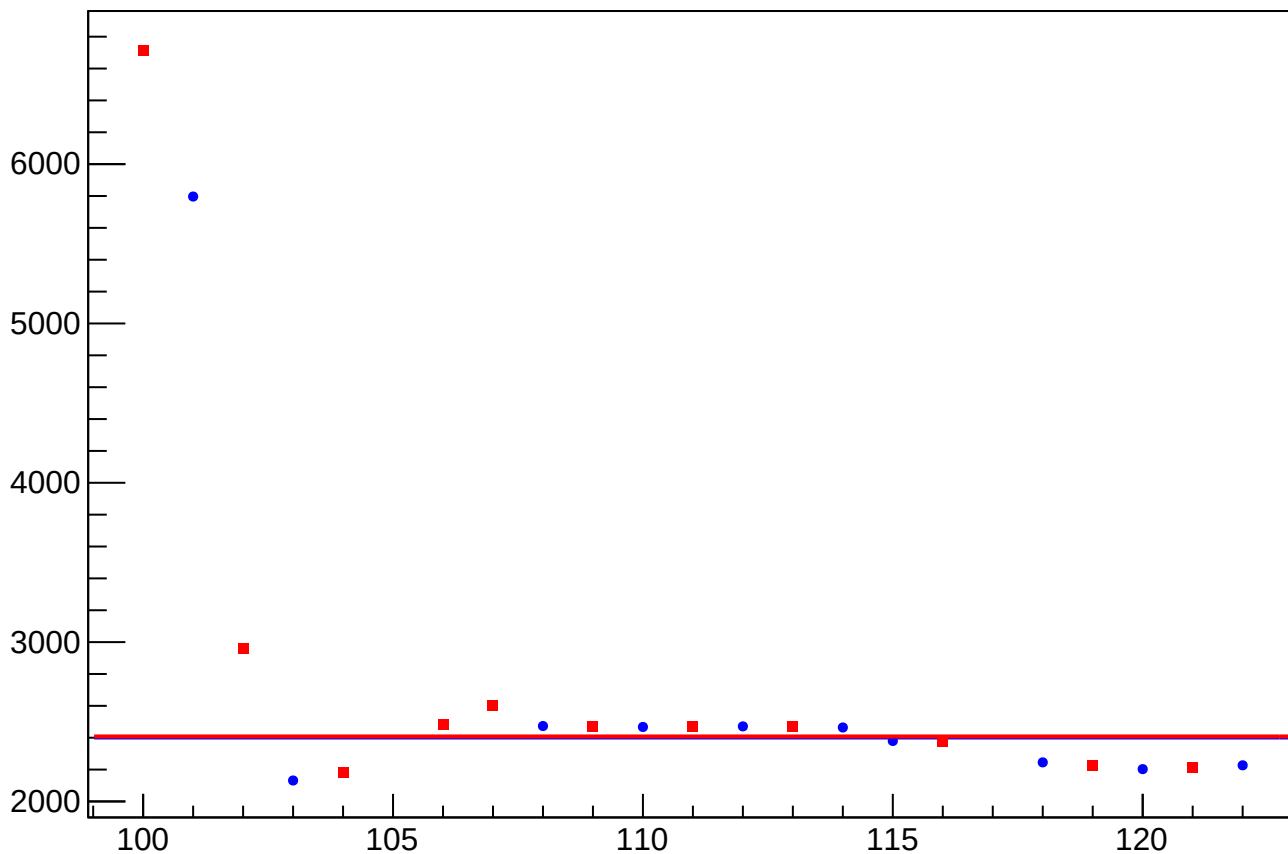
Right: -806.926+/-839.057 χ^2/NDF : 14.0/20

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

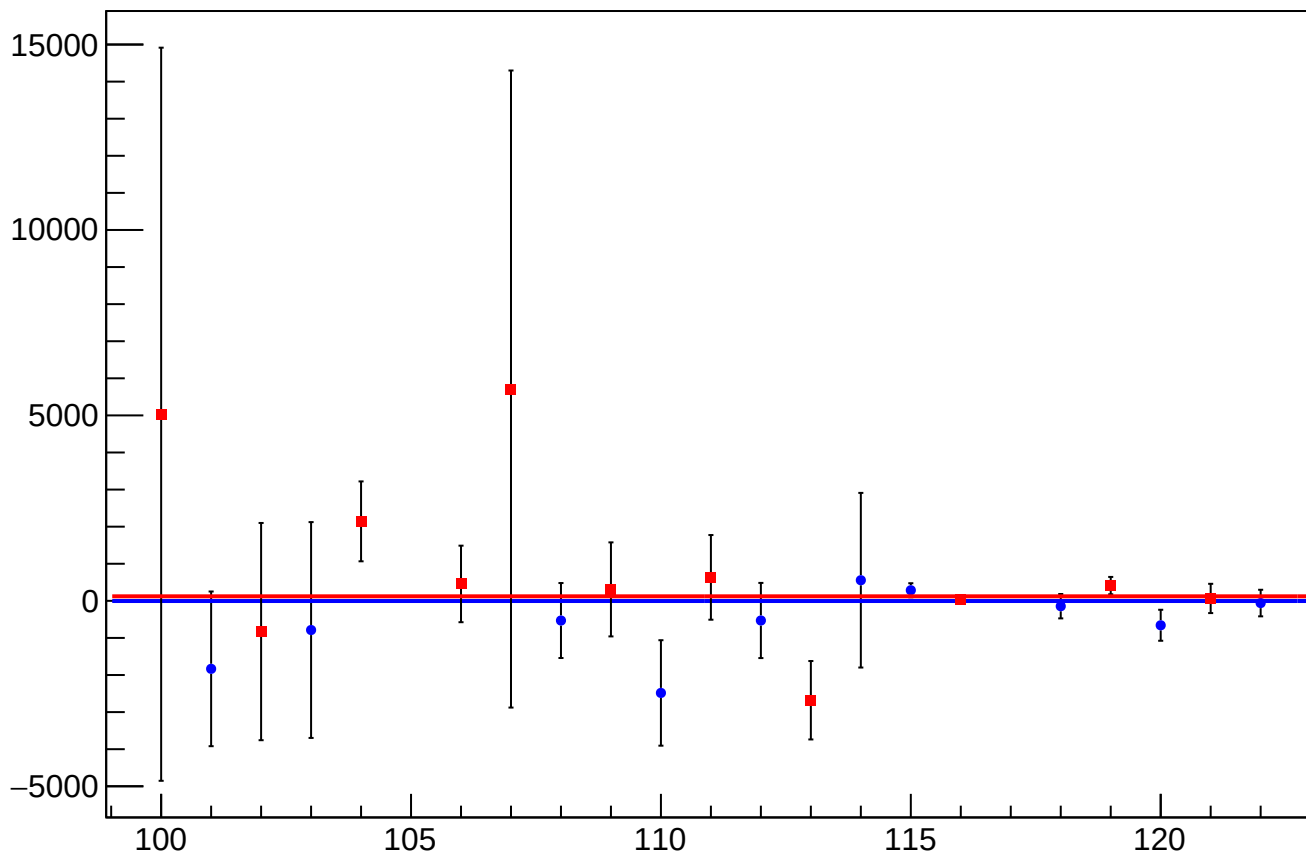
Right: 2404.851+/-0.593 χ^2/NDF : 613458.8/20

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

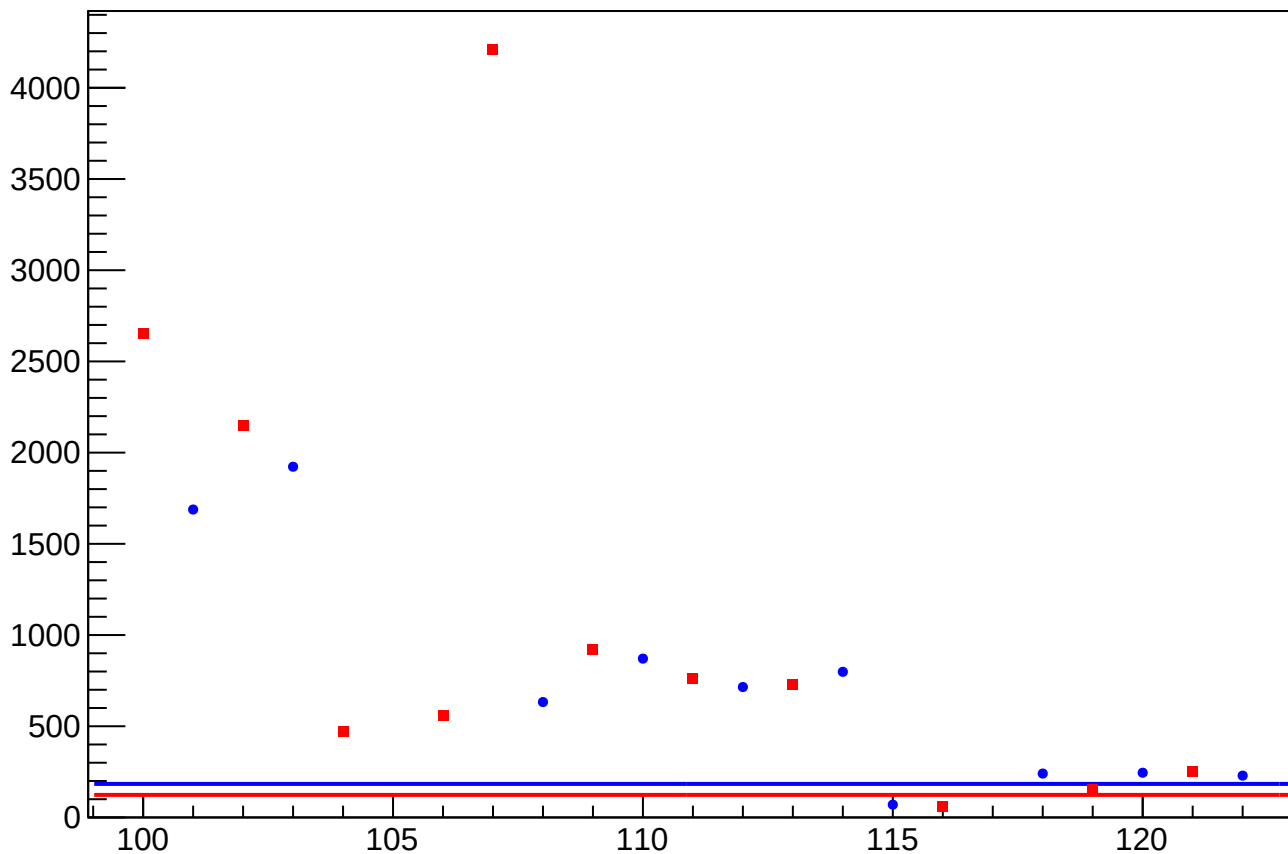
Right: 75.189+/-82.711 χ^2/NDF : 23.6/20

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

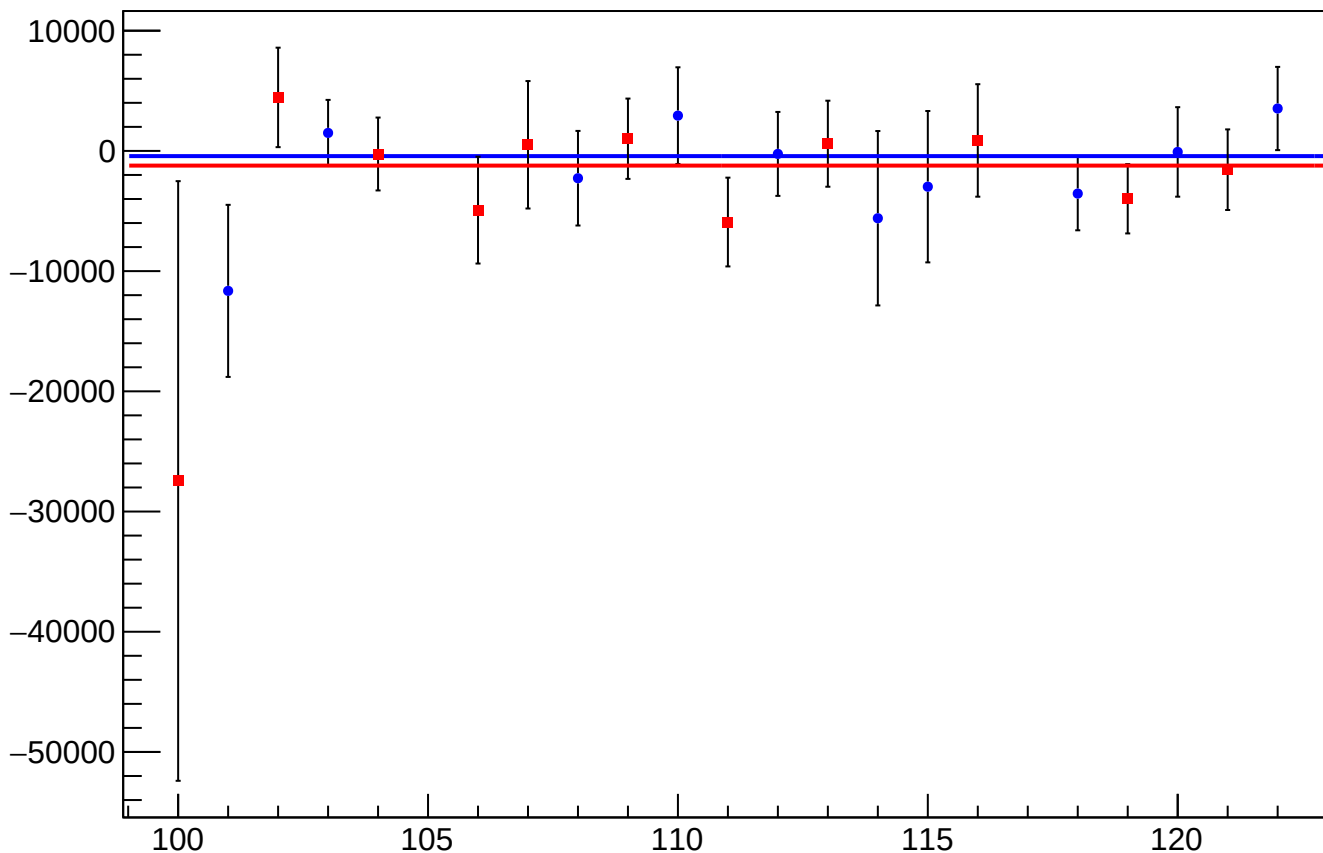
Right: 145.822+/-0.058 χ^2/NDF : 9318448.2/20

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

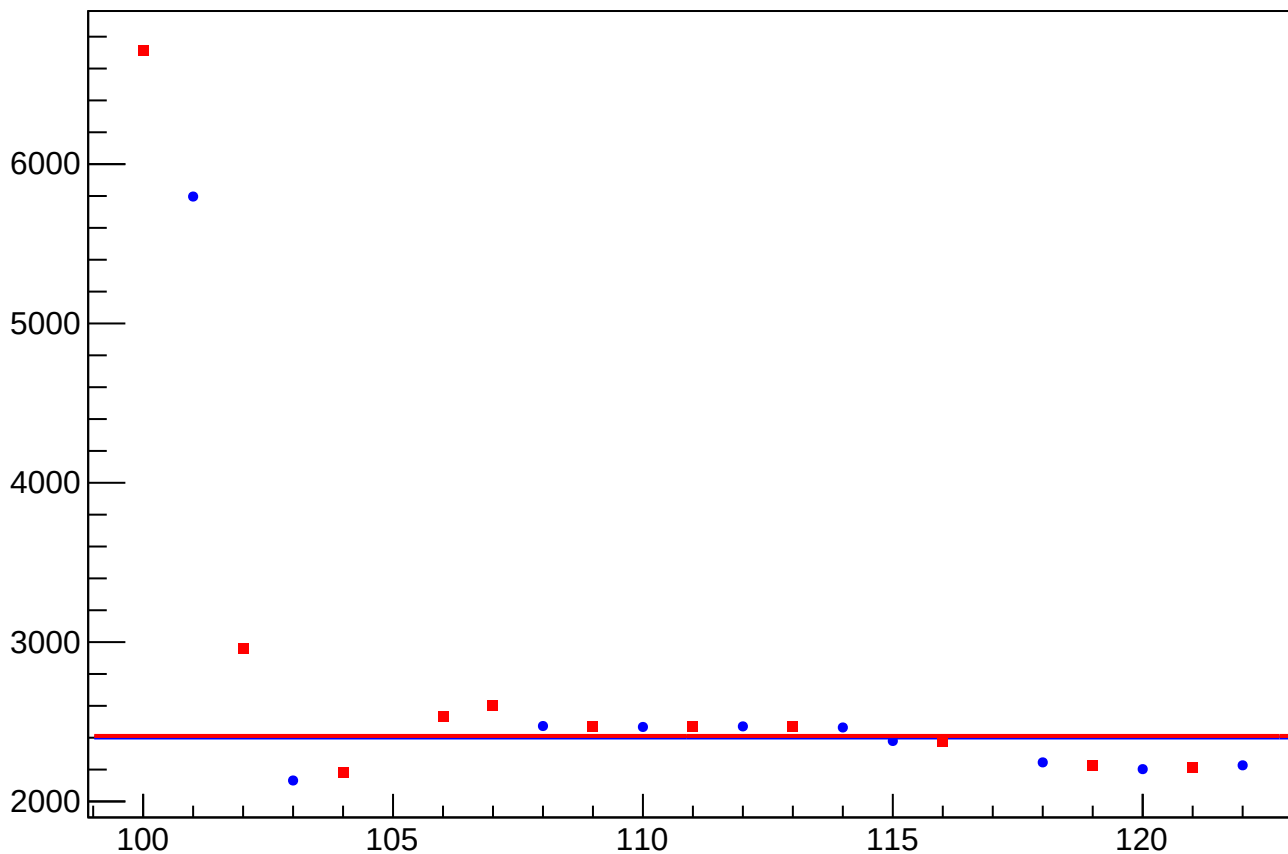
Right: -850.251+/-839.706 χ^2/NDF : 14.5/20

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

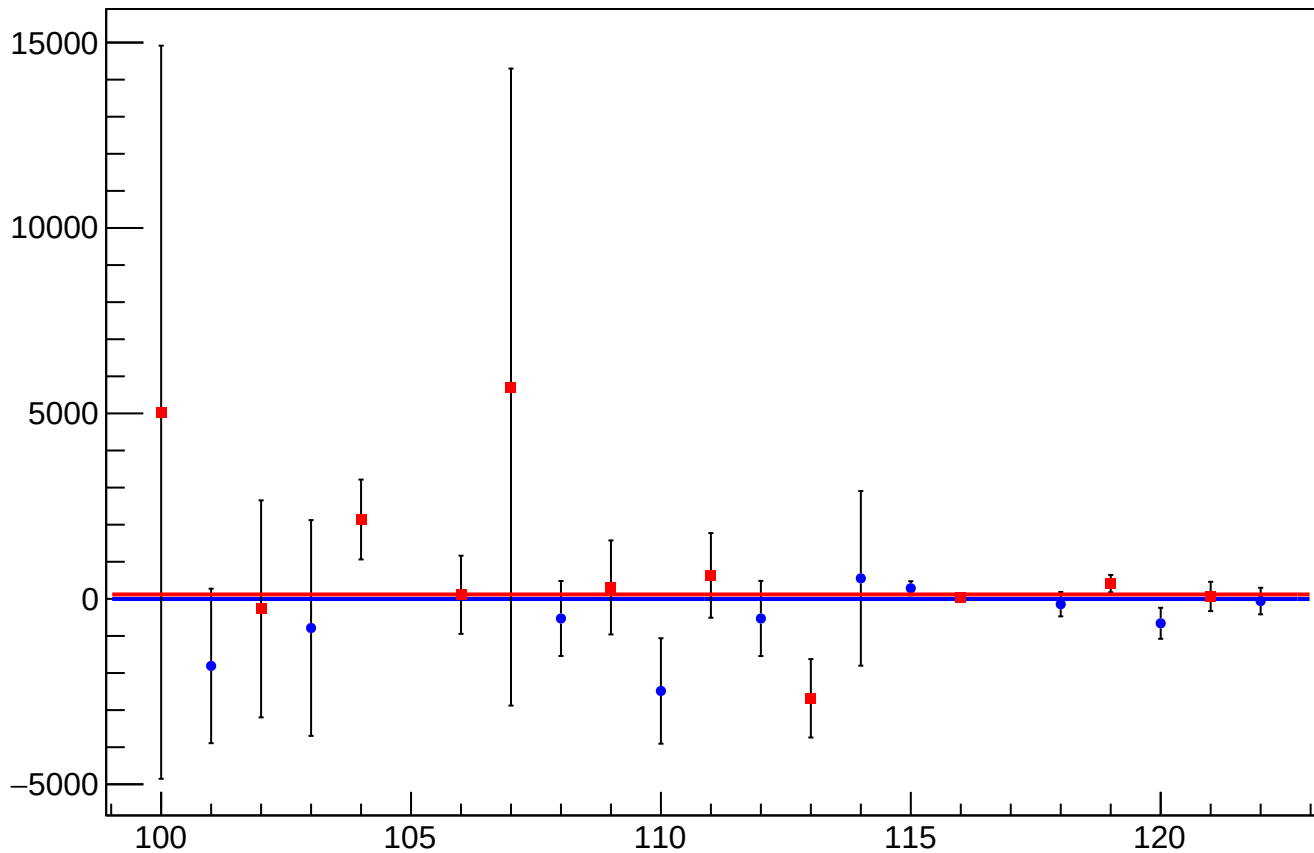
Right: 2406.540+/-0.594 χ^2/NDF : 614495.2/20

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

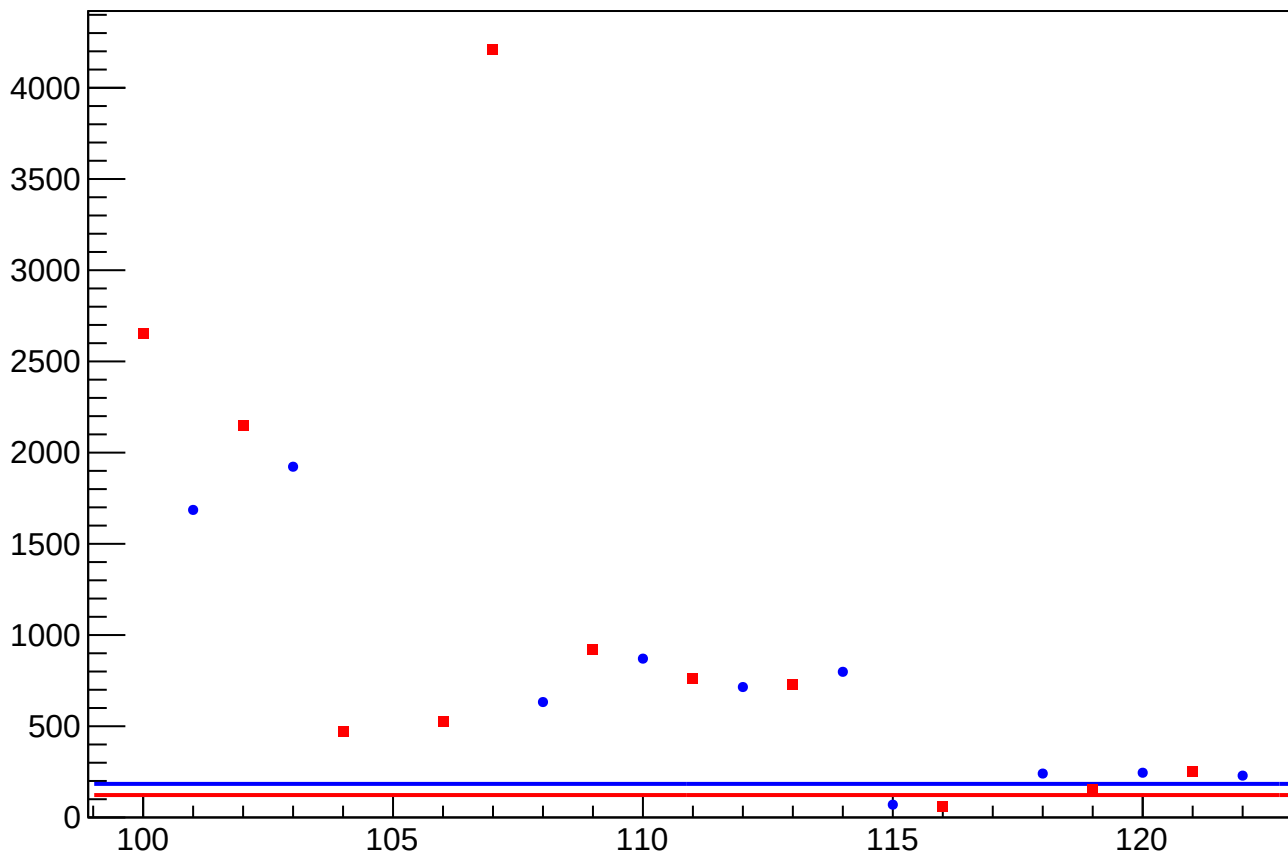
Right: 73.043+/-82.653 χ^2/NDF : 23.4/20

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

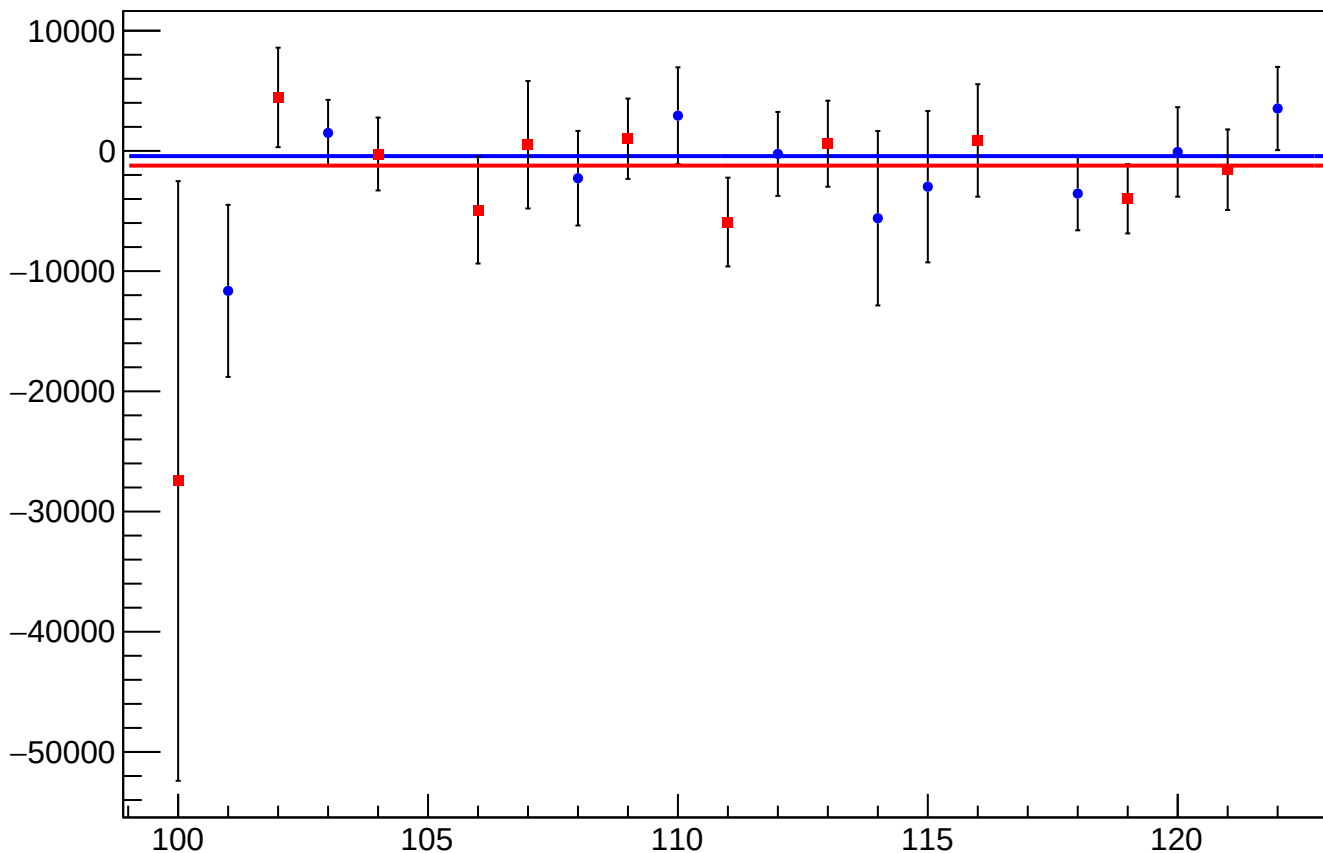
Right: 145.291+/-0.058 χ^2/NDF : 9269313.2/20

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

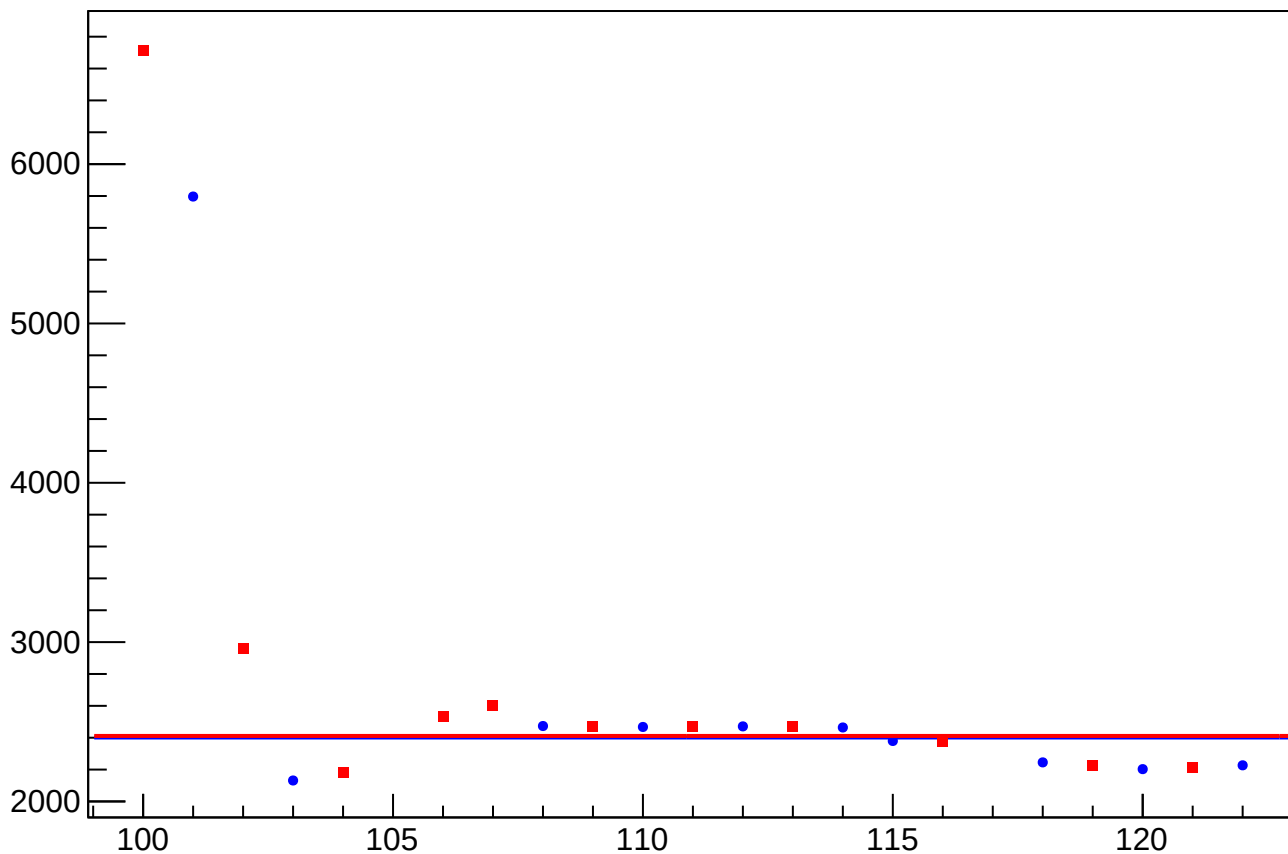
Right: -850.251+/-839.706 χ^2/NDF : 14.5/20

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

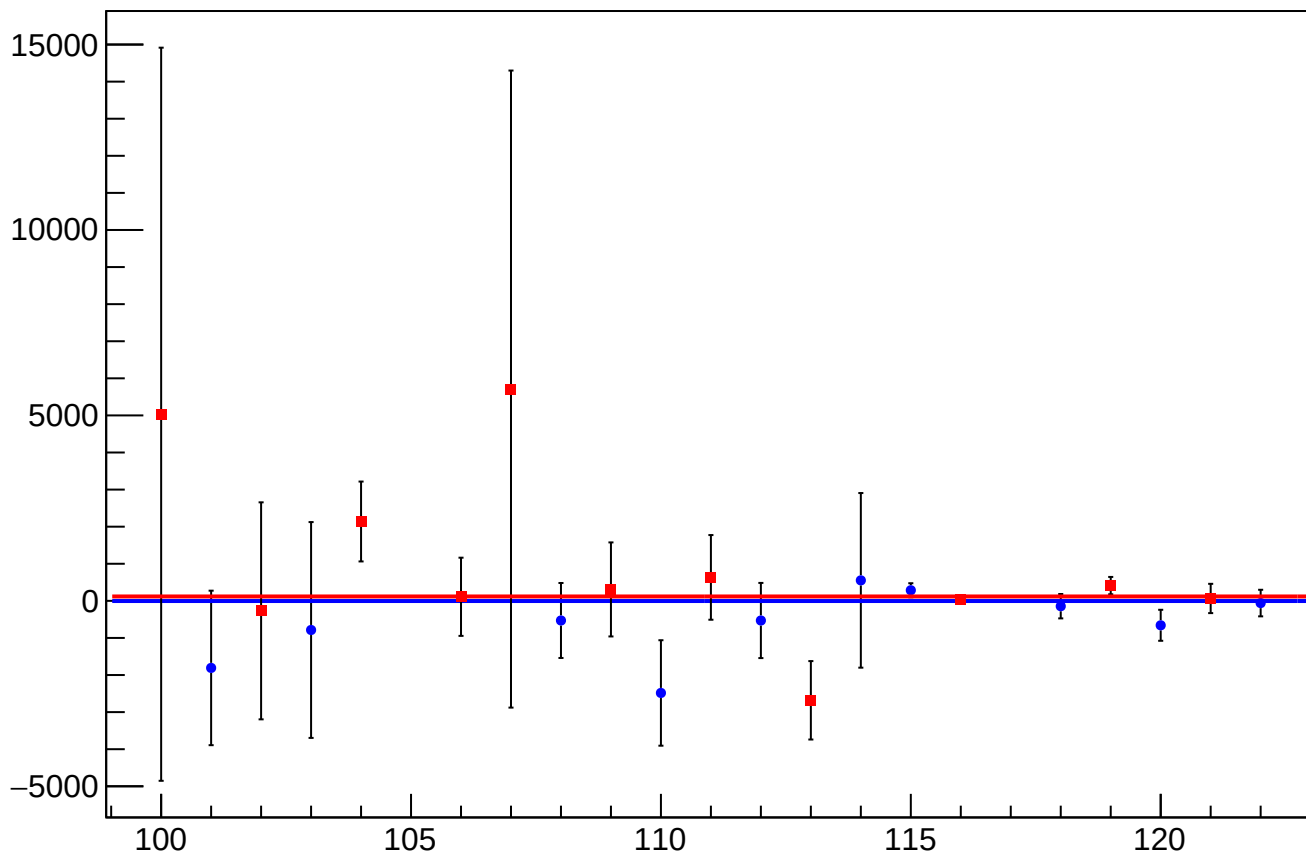
Right: 2406.540+/-0.594 χ^2/NDF : 614495.2/20

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

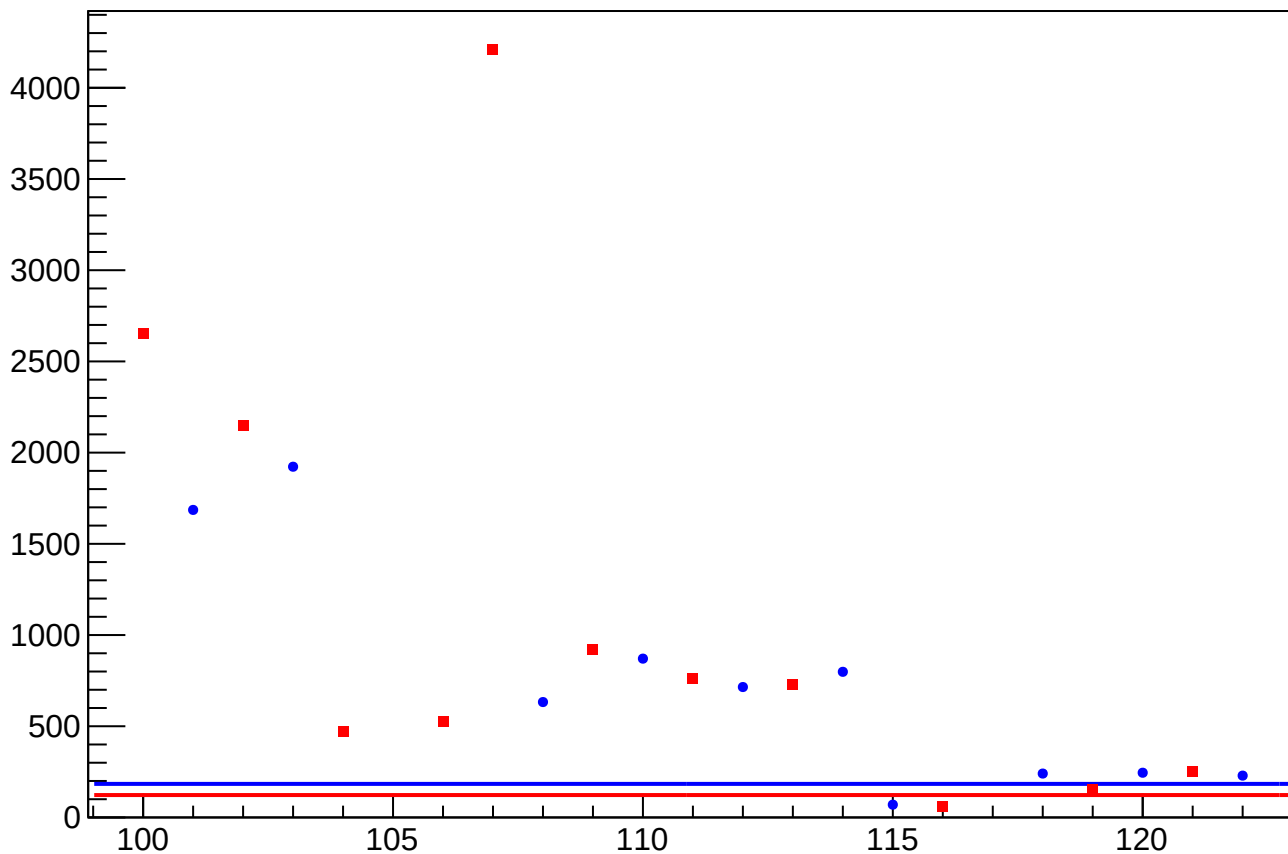
Right: 73.043+/-82.653 χ^2/NDF : 23.4/20

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

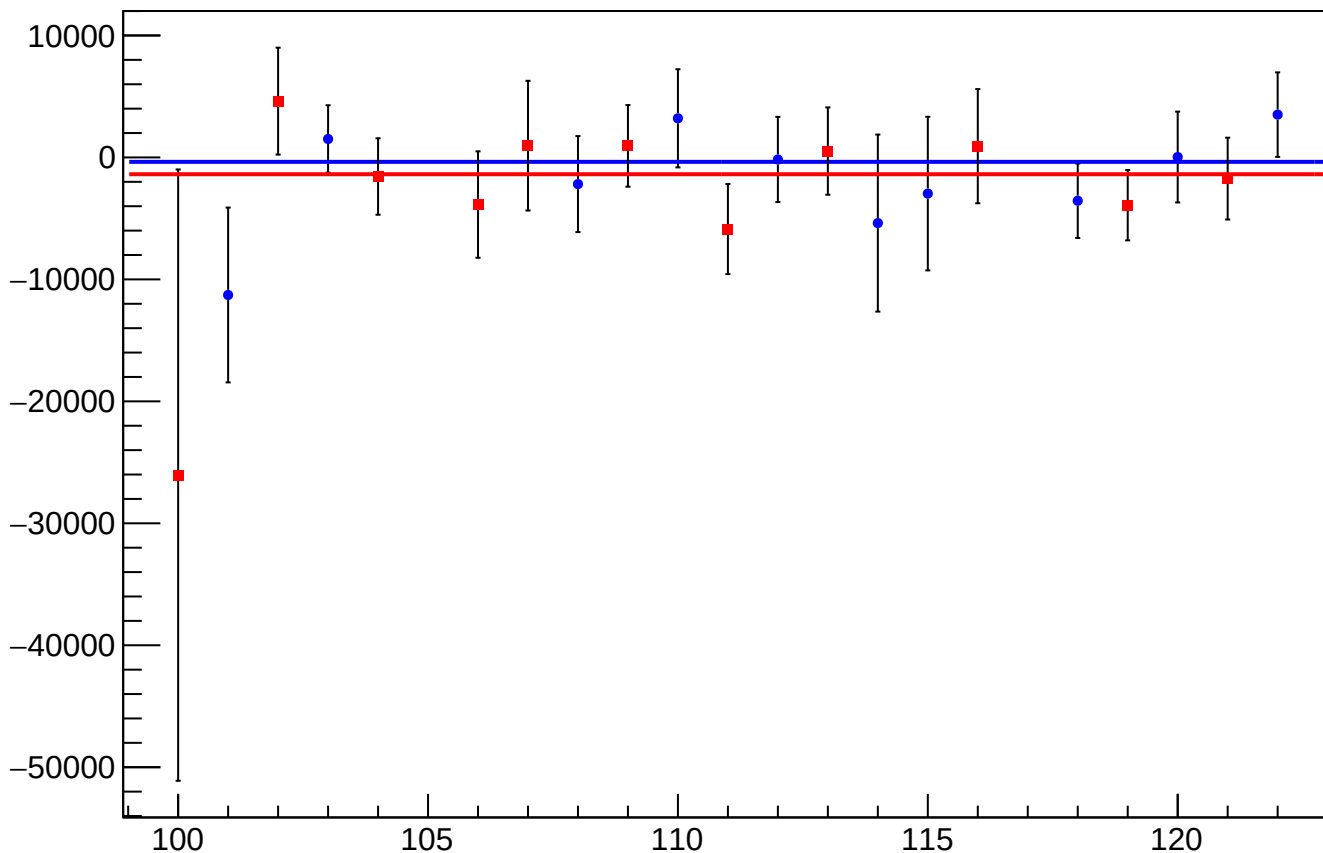
Right: 145.291+/-0.058 χ^2/NDF : 9269313.2/20

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

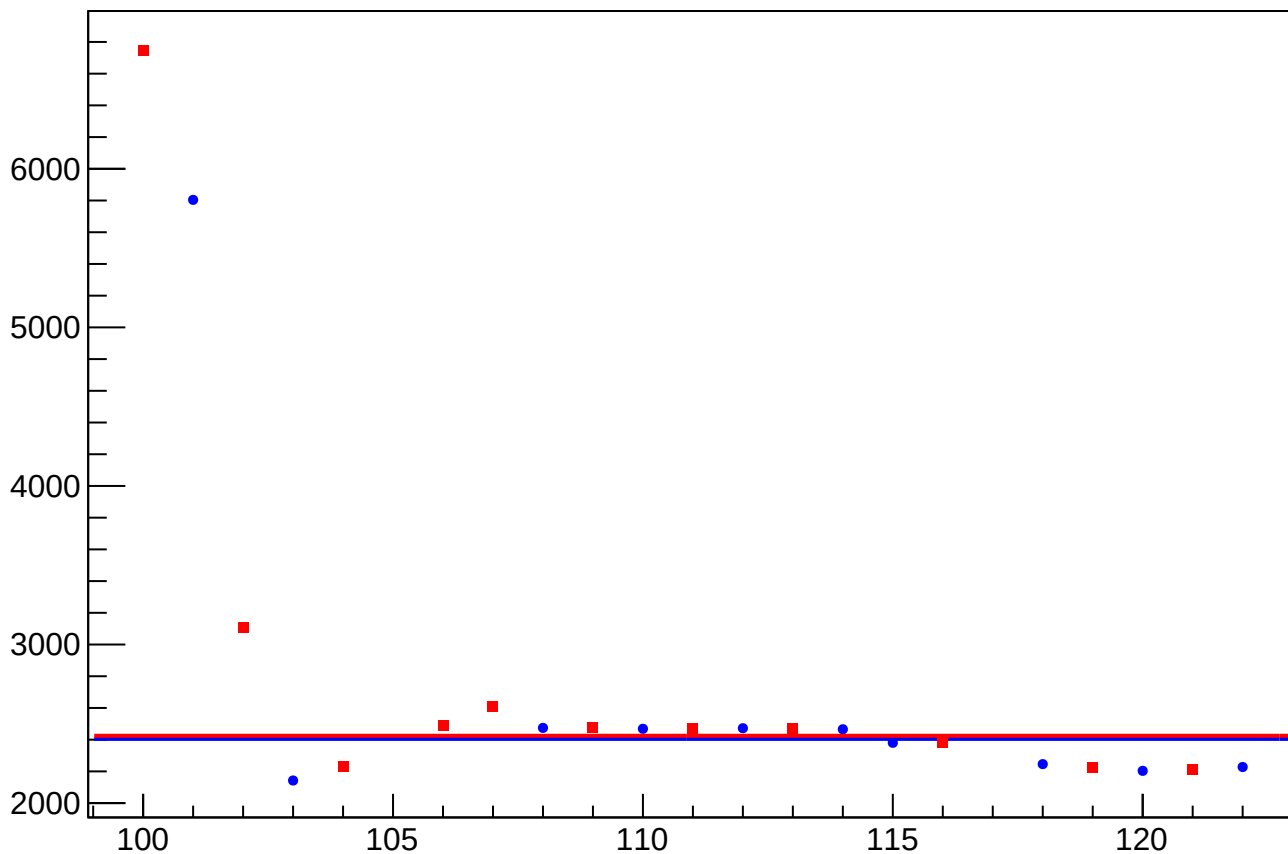
Right: -896.136+/-844.042 χ^2/NDF : 13.8/20

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

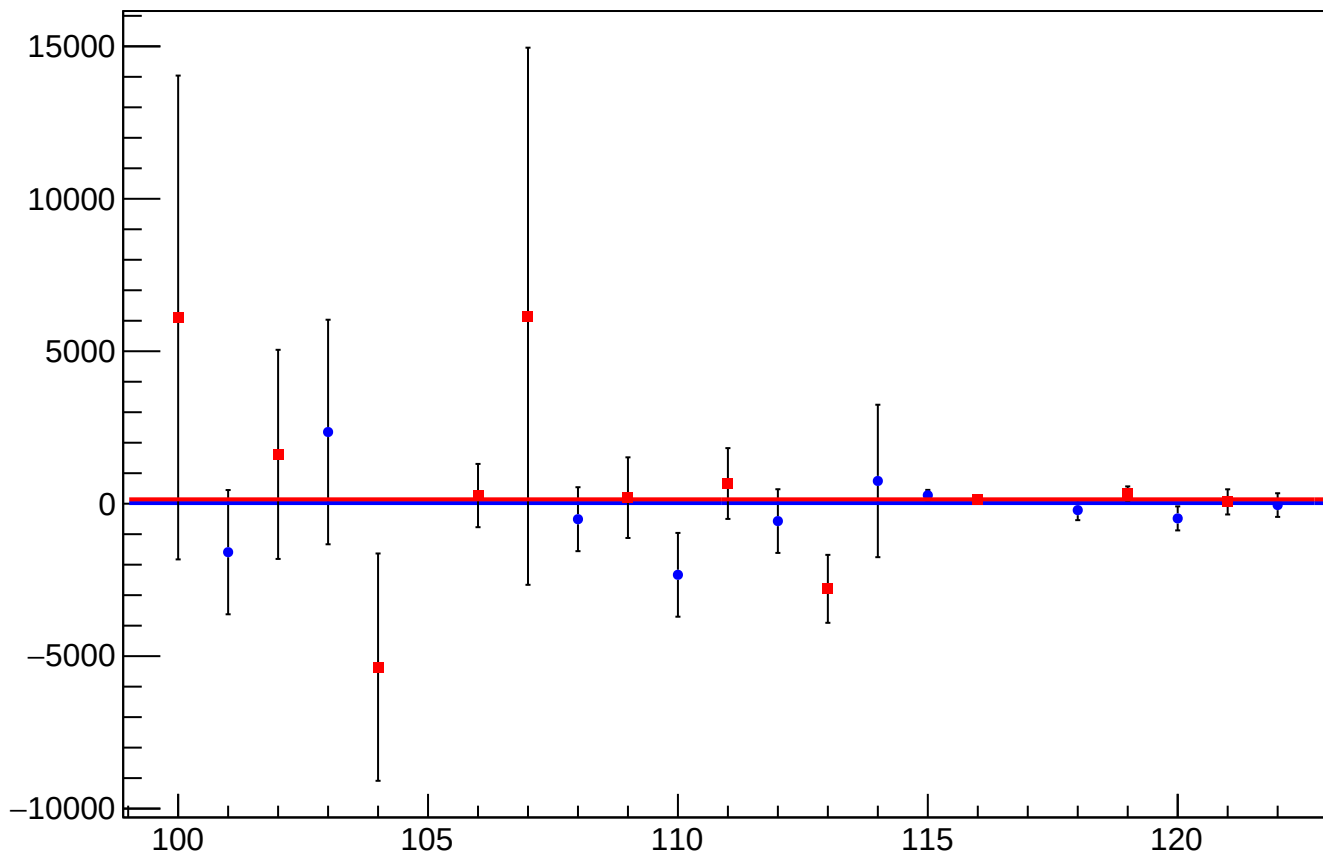
Right: 2415.301+/-0.597 χ^2/NDF : 624193.2/20

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

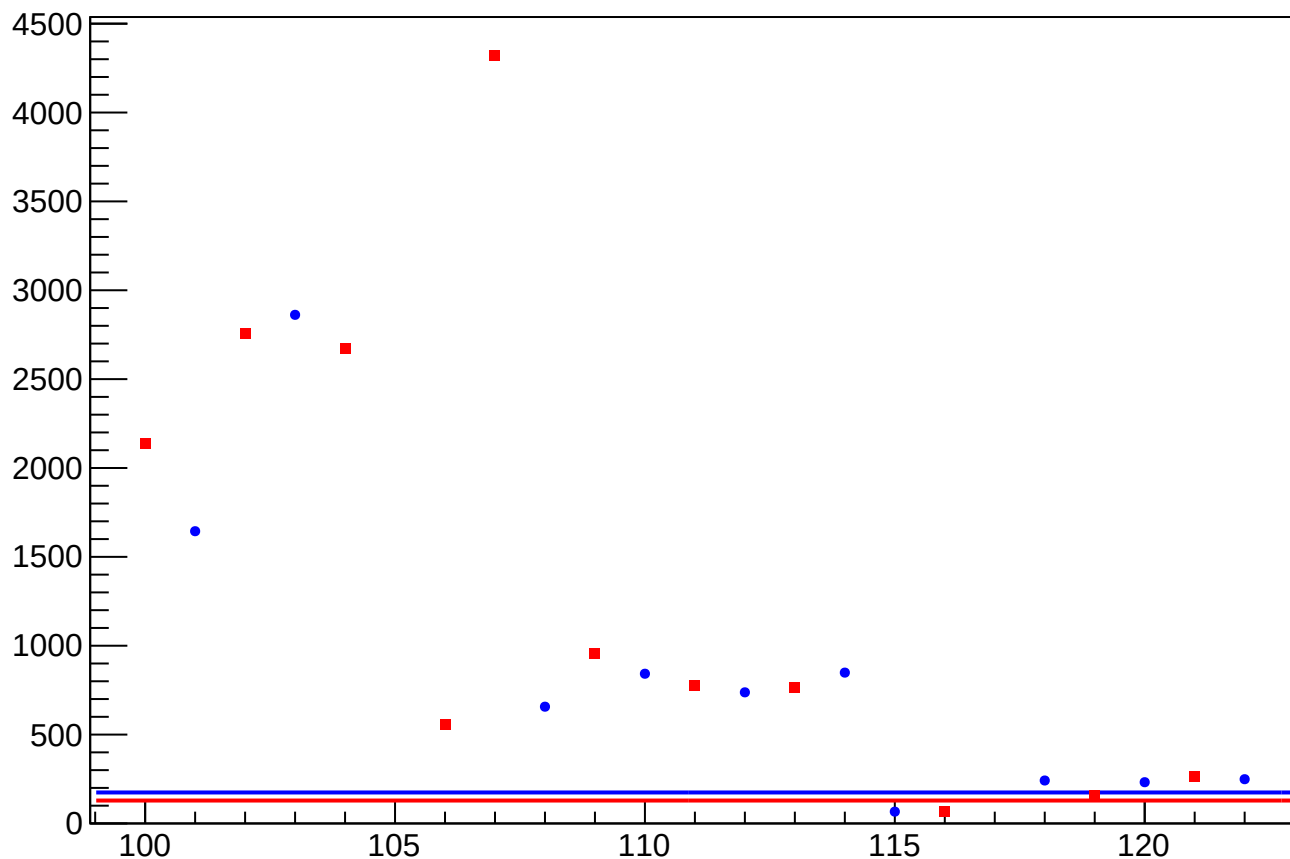
Right: 94.153+/-83.649 χ^2/NDF : 20.7/20

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

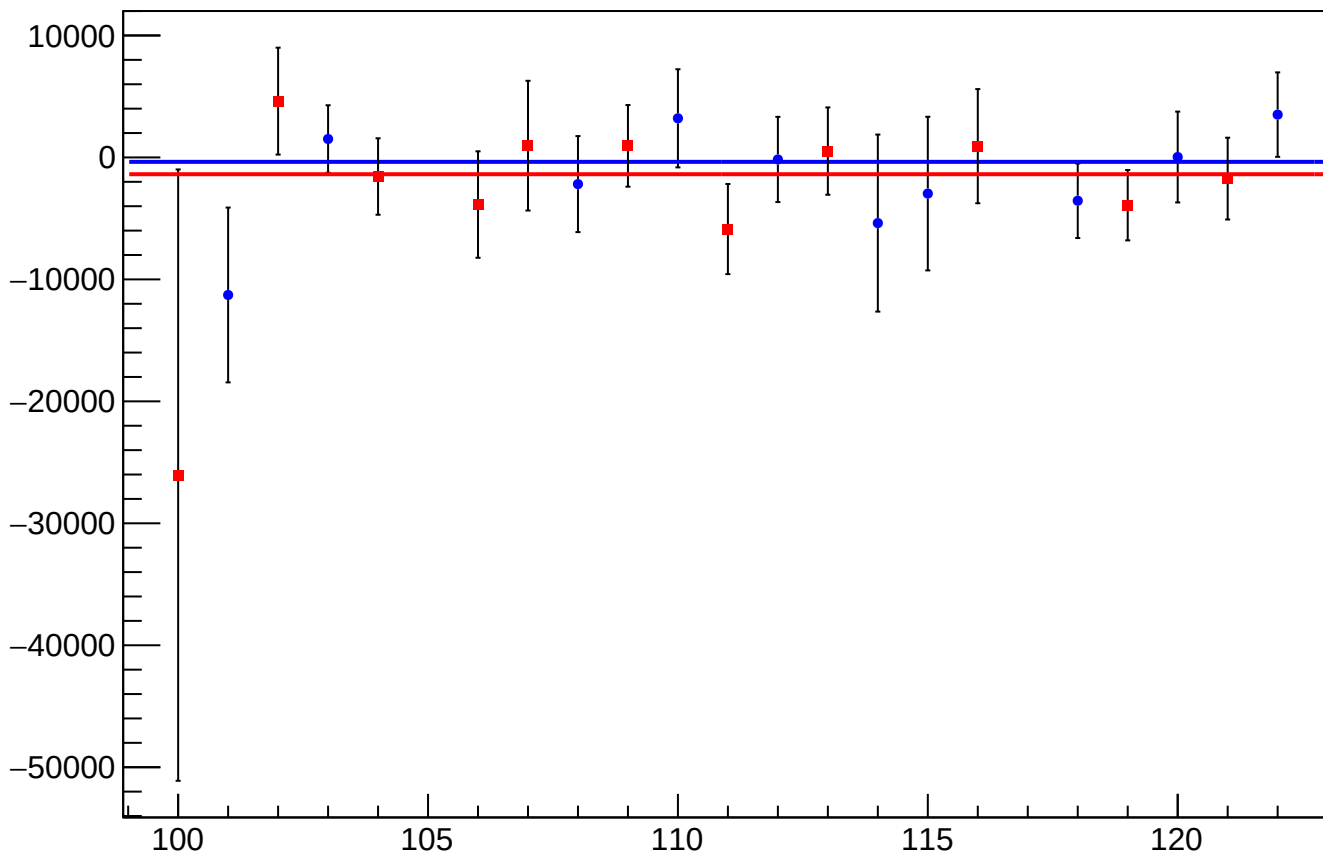
Right: 147.135+/-0.059 χ^2/NDF : 10603724.1/20

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

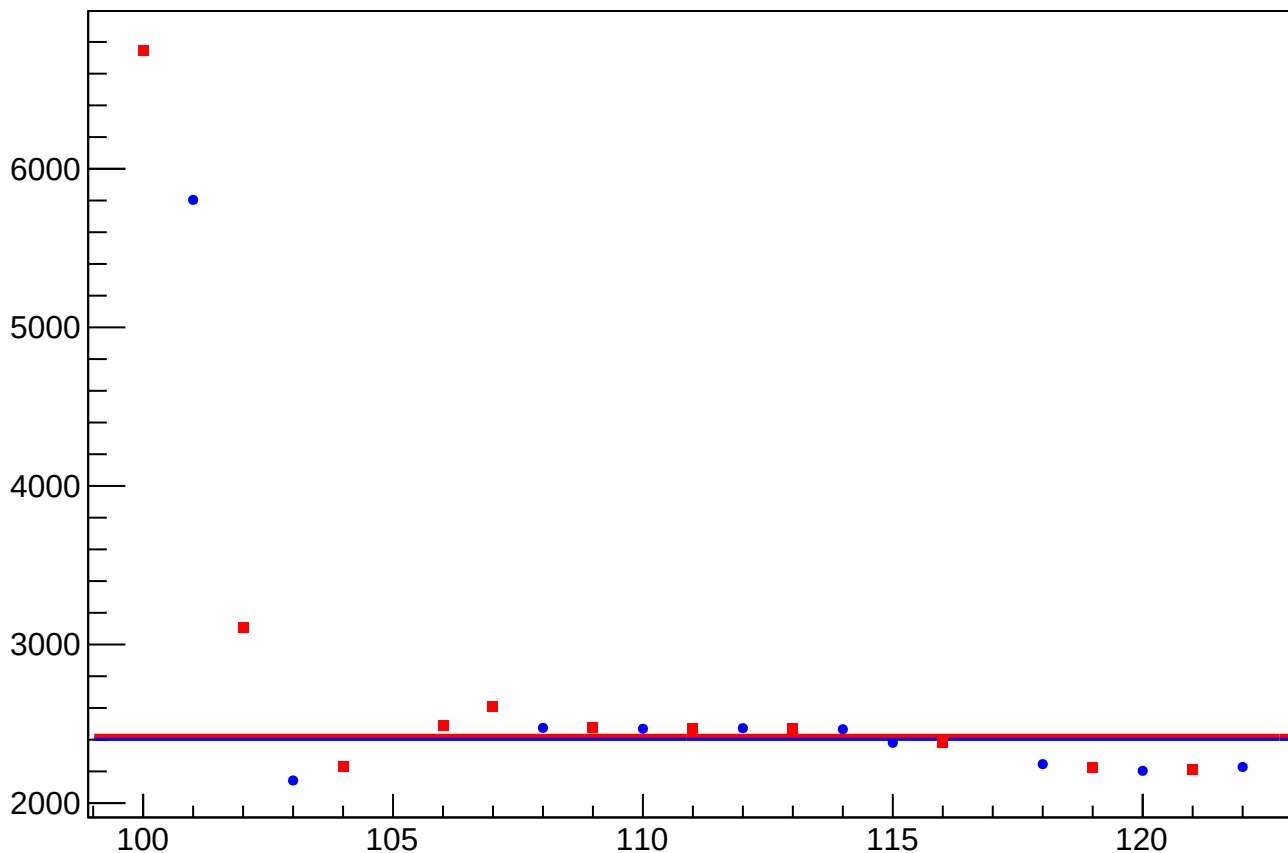
Right: -896.139+/-844.042 χ^2/NDF : 13.8/20

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

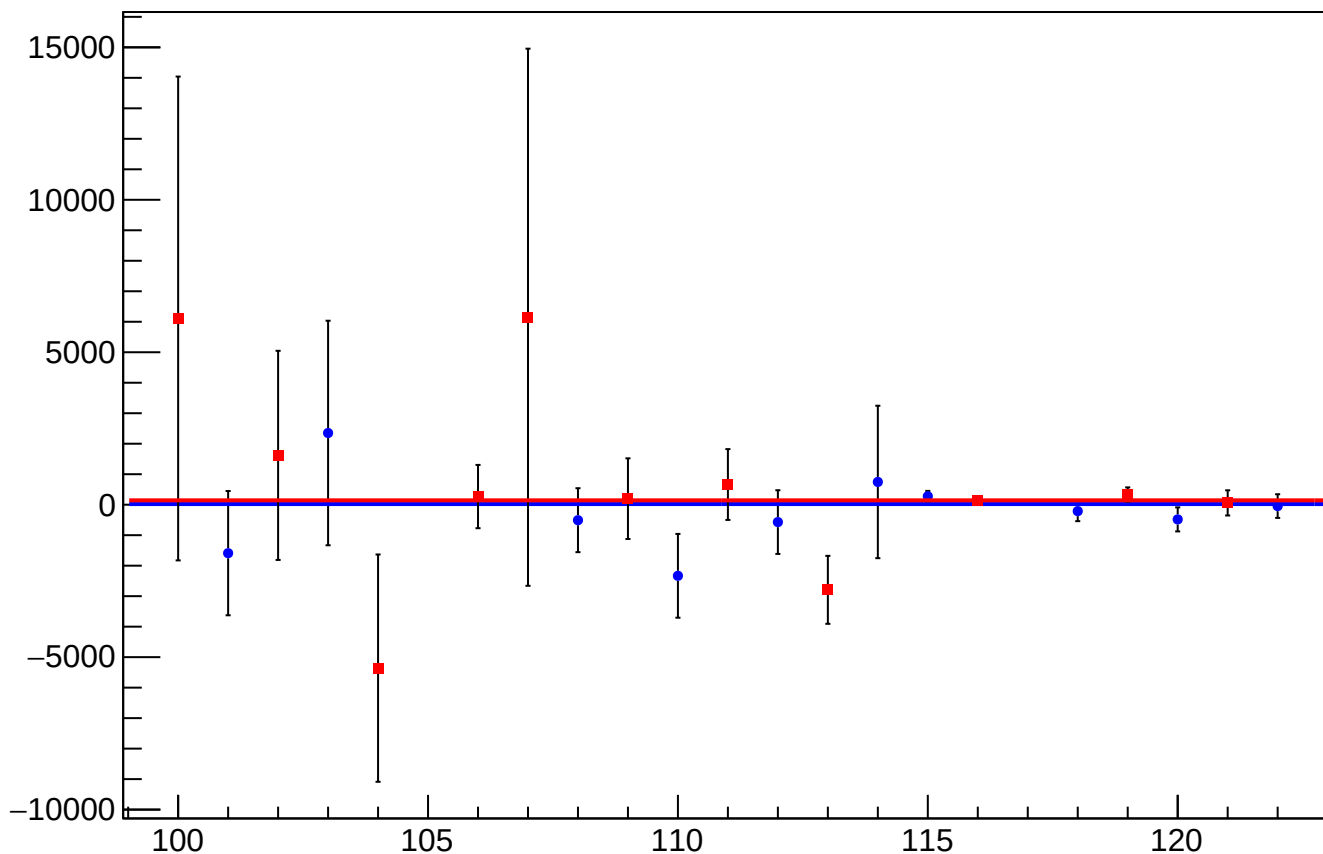
Right: 2415.301+/-0.597 χ^2/NDF : 624193.2/20

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

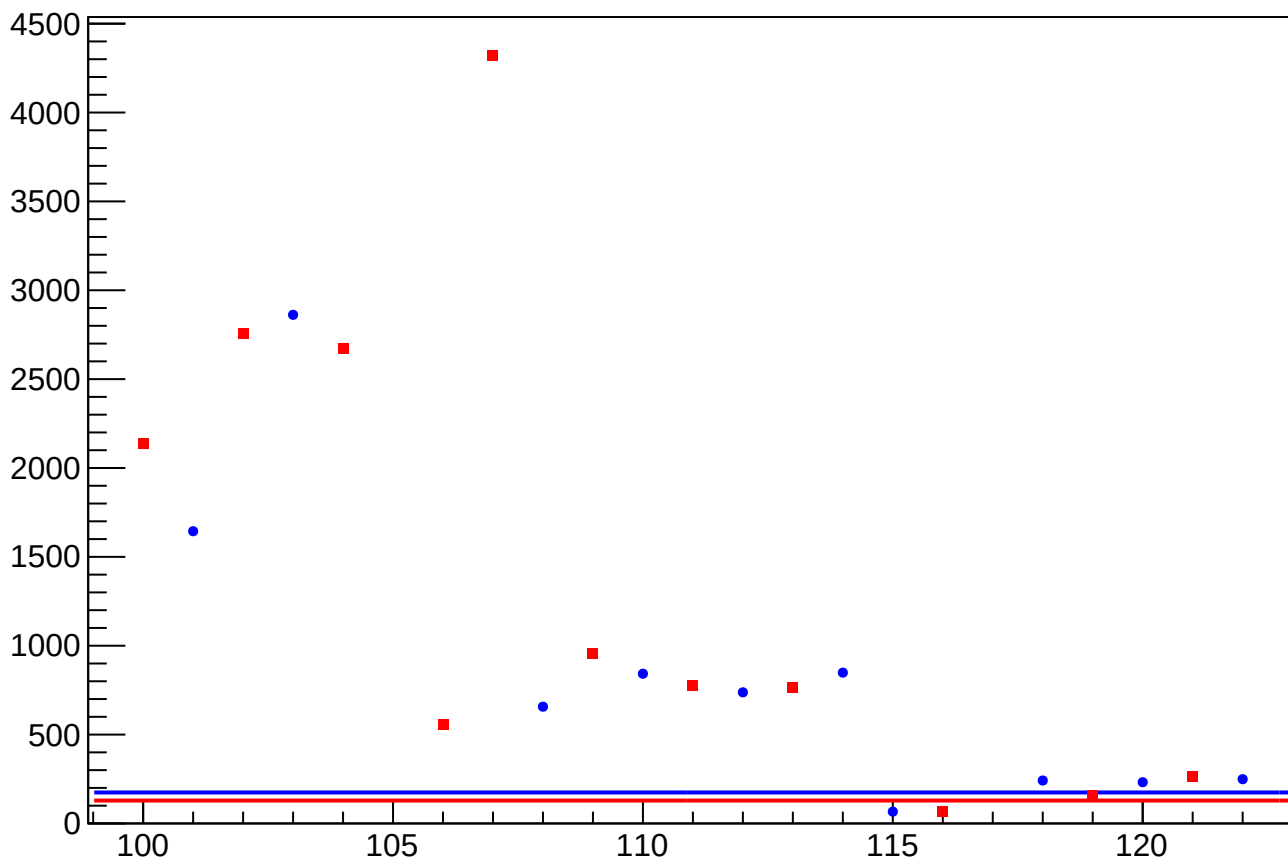
Right: 94.153+/-83.648 χ^2/NDF : 20.7/20

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

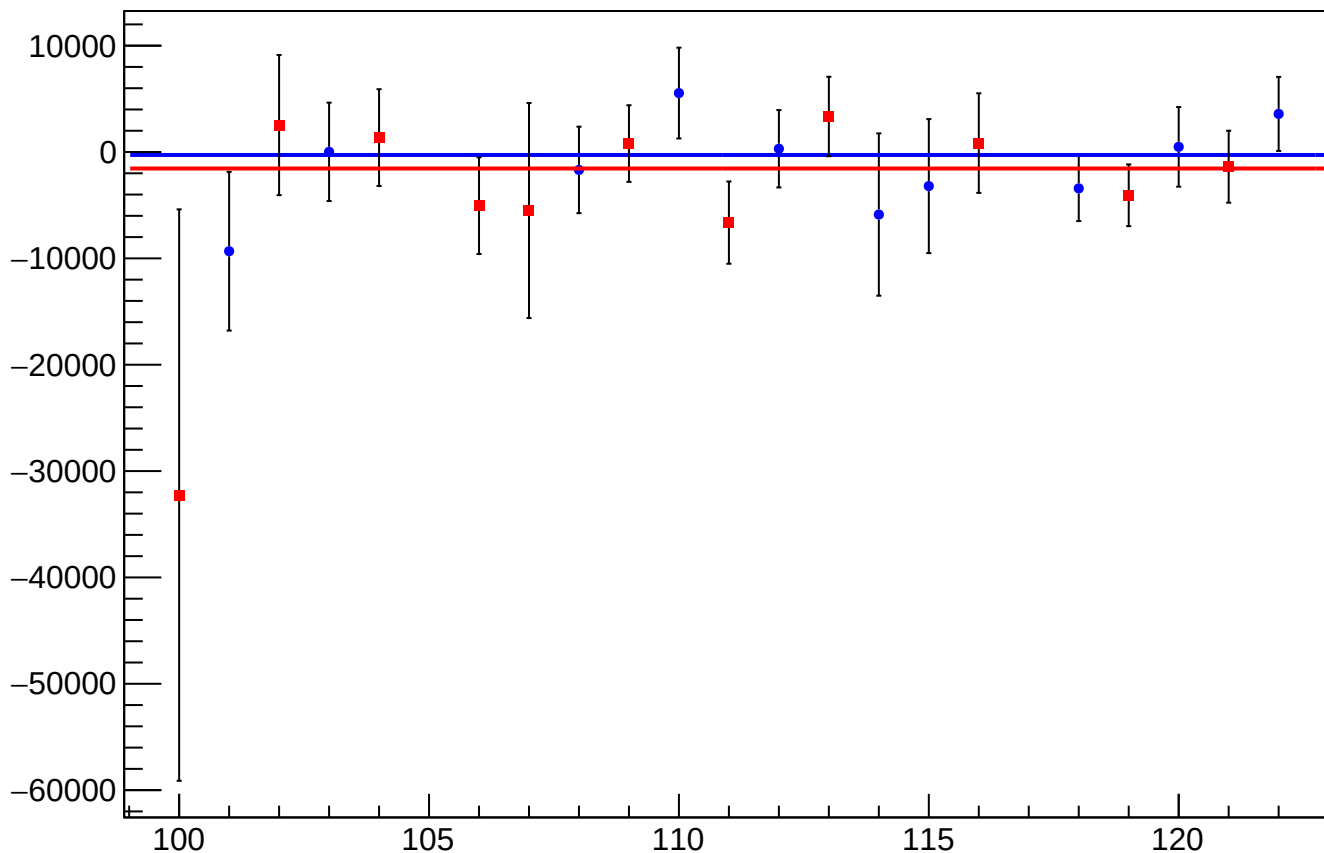
Right: 147.132+/-0.059 χ^2/NDF : 10603805.6/20

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

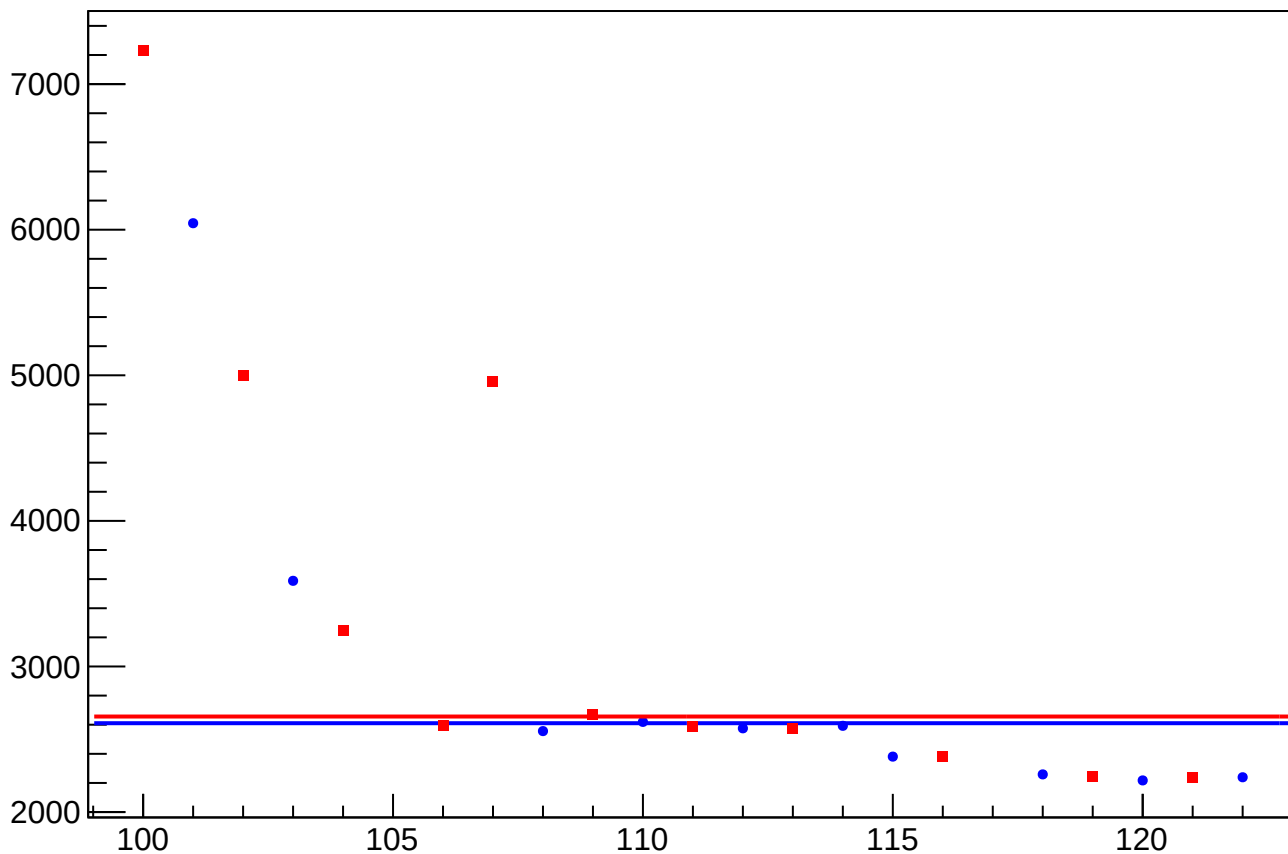
Right: -935.791+/-930.217 χ^2/NDF : 14.7/20

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

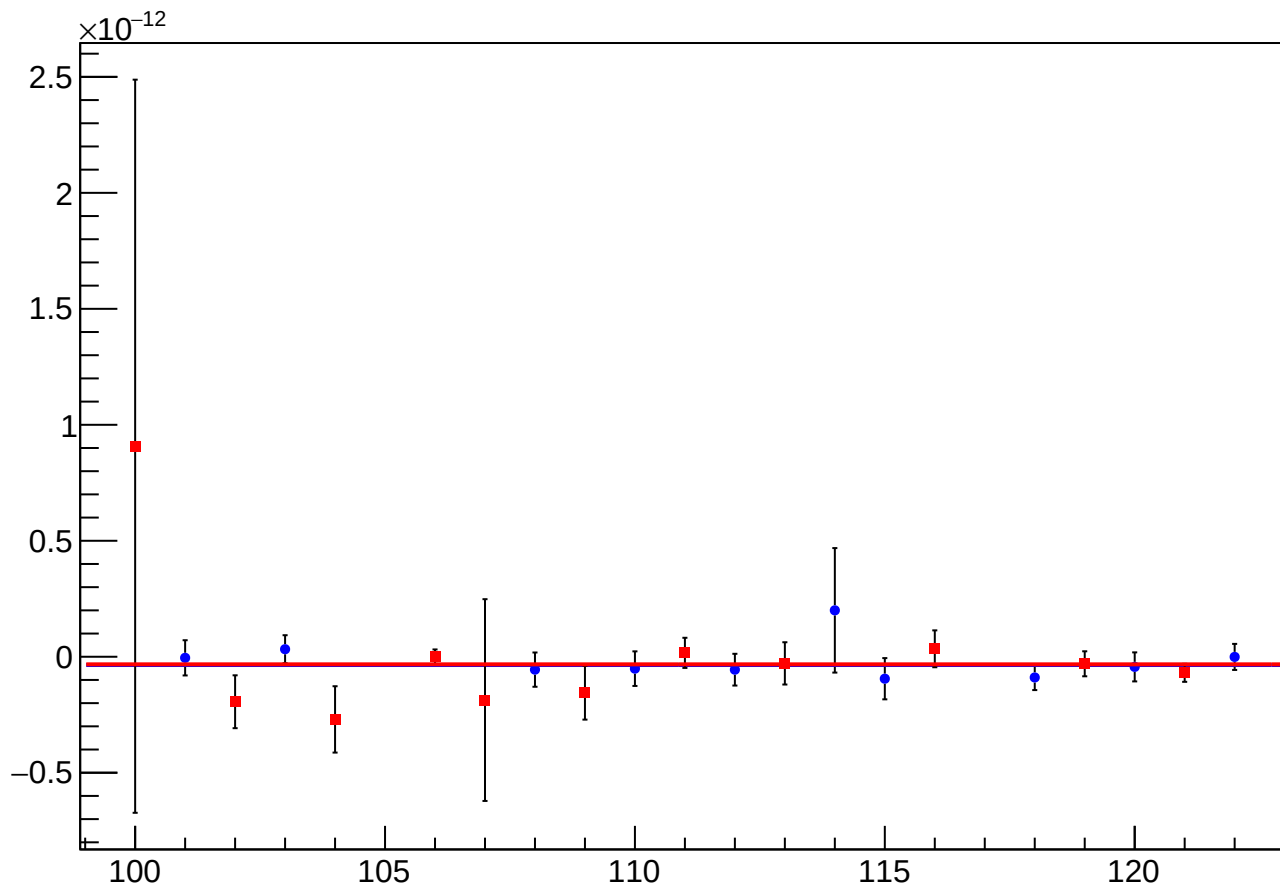
Right: 2634.095+/-0.658 χ^2/NDF : 1117385.9/20

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

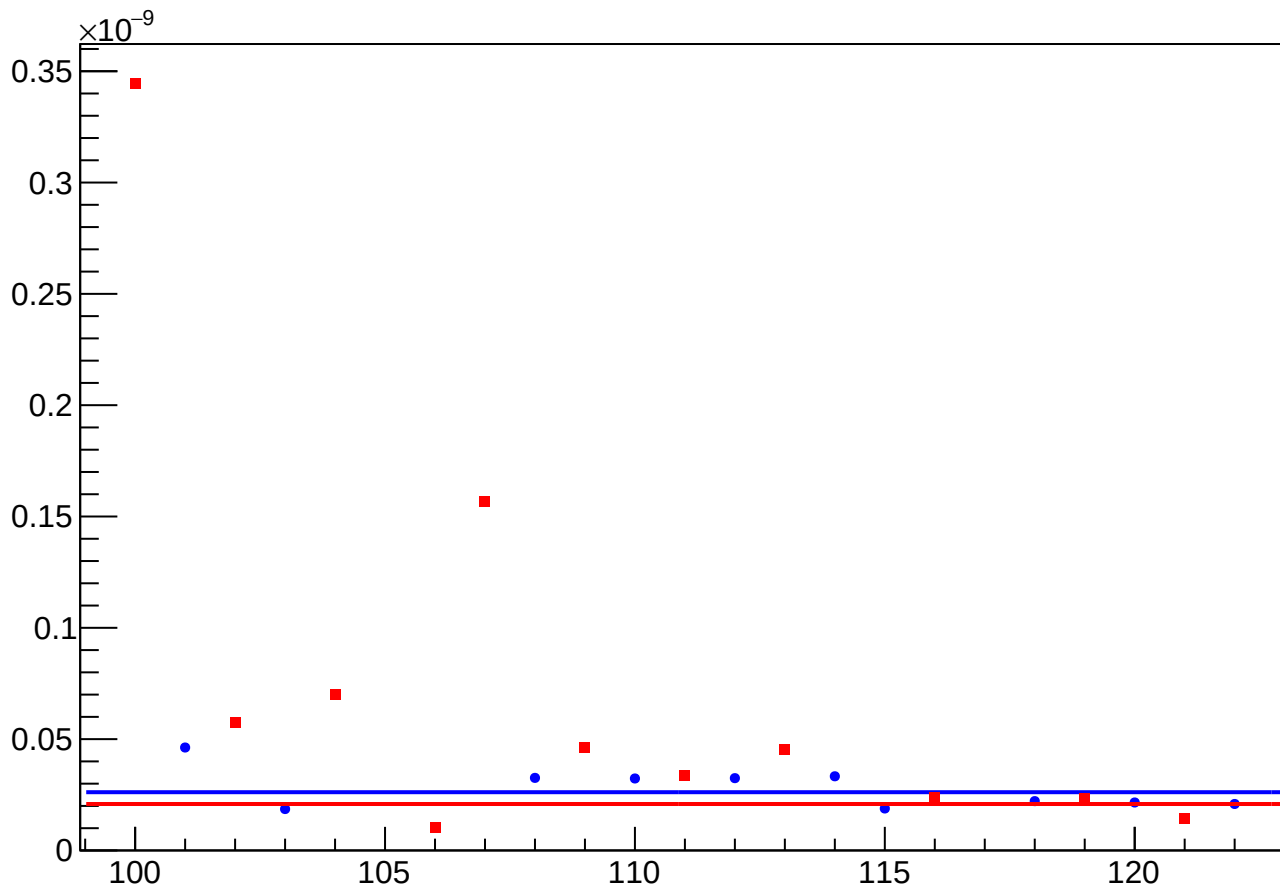
Right: -0.000+/-0.000 χ^2/NDF : 13.9/20

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

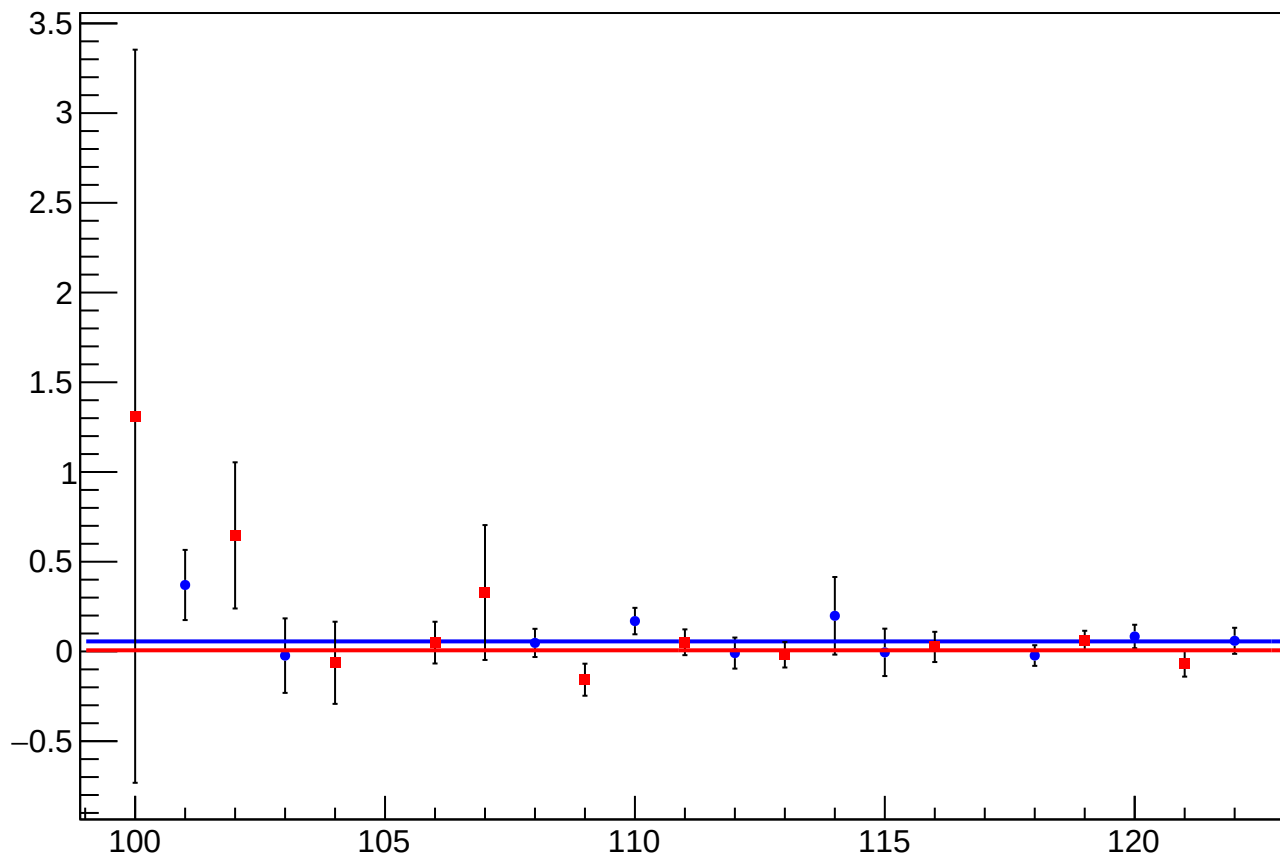
Right: 0.000+/-0.000 χ^2/NDF : 1665012.9/20

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

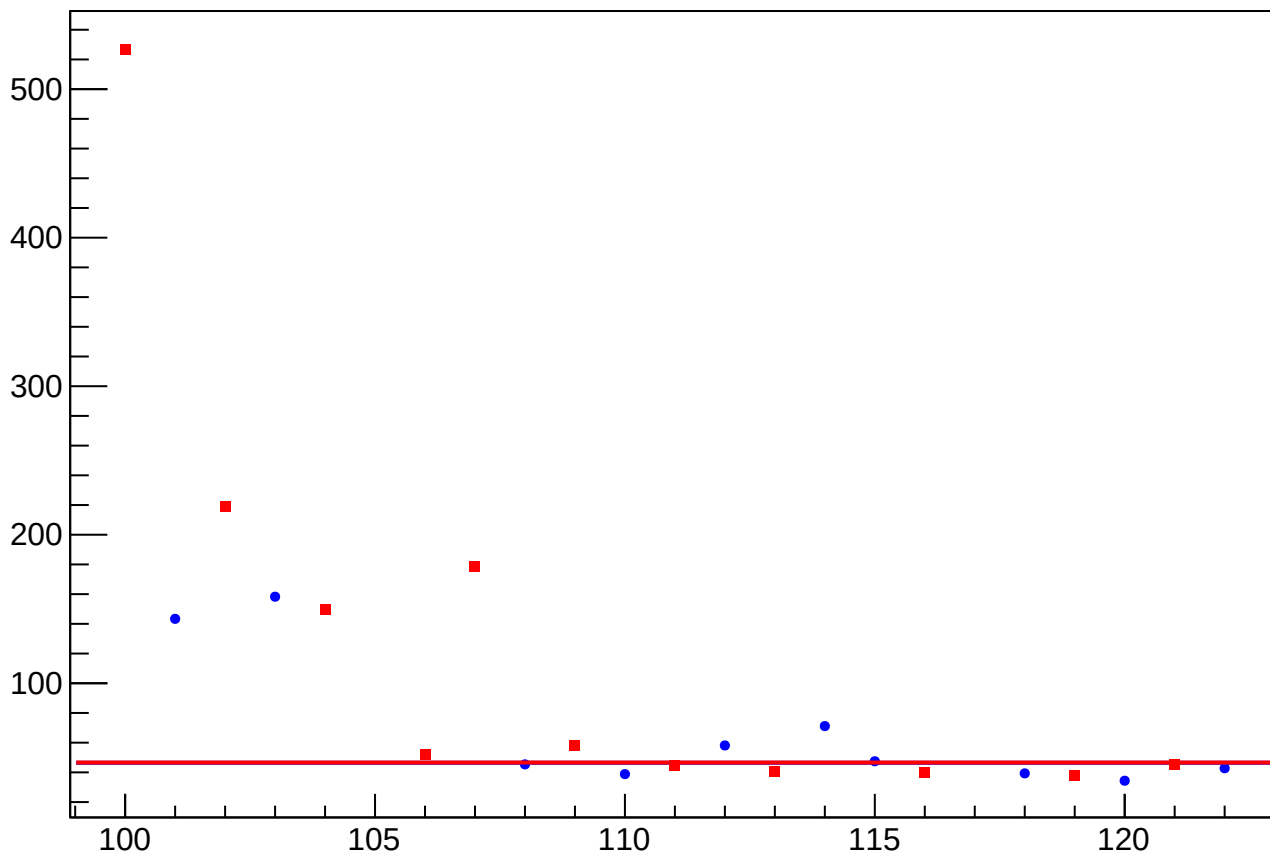
Right: 0.032+/-0.019 χ^2/NDF : 19.8/20

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

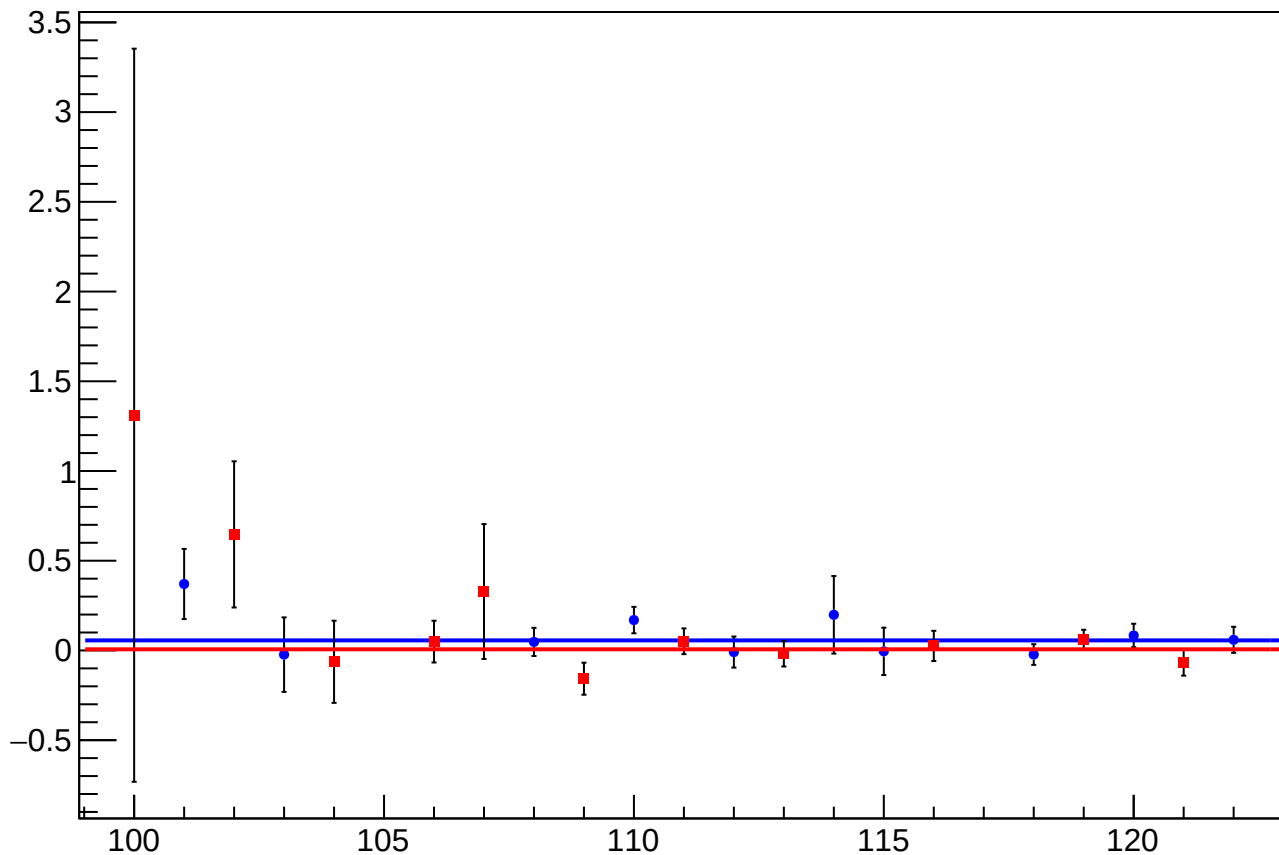
Right: 46.541+/-0.014 χ^2/NDF : 2501745.9/20

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

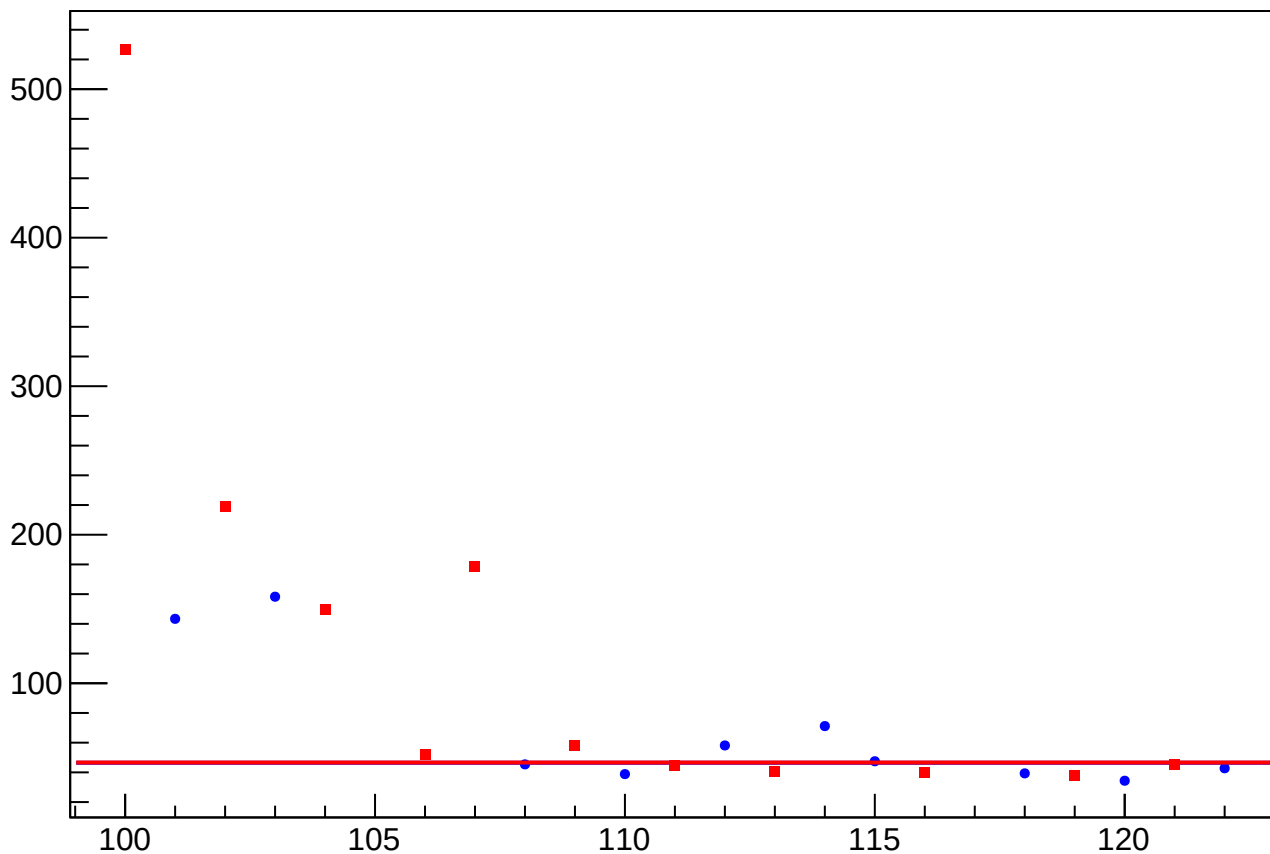
Right: 0.032+/-0.019 χ^2/NDF : 19.8/20

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

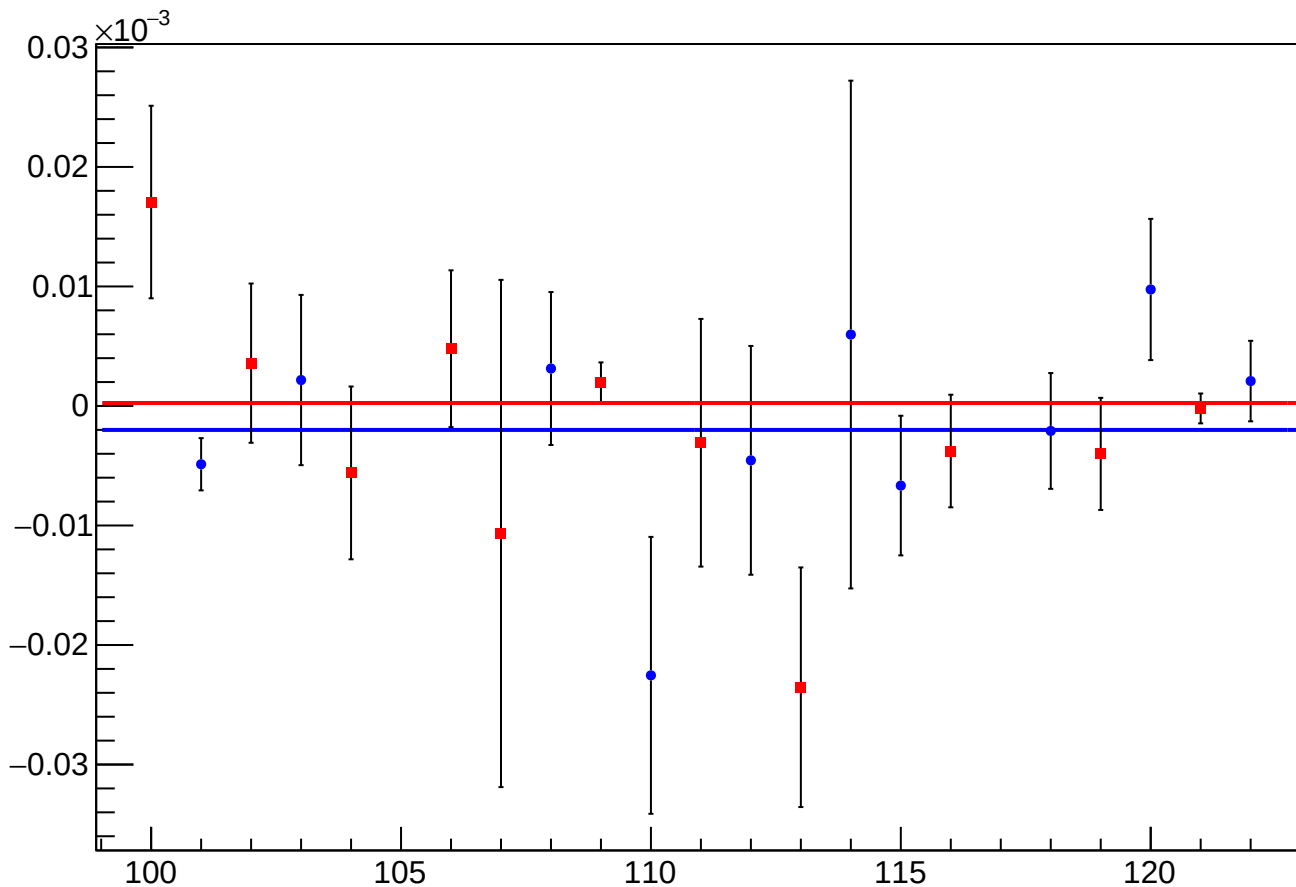
Right: 46.541+/-0.014 χ^2/NDF : 2501745.9/20

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

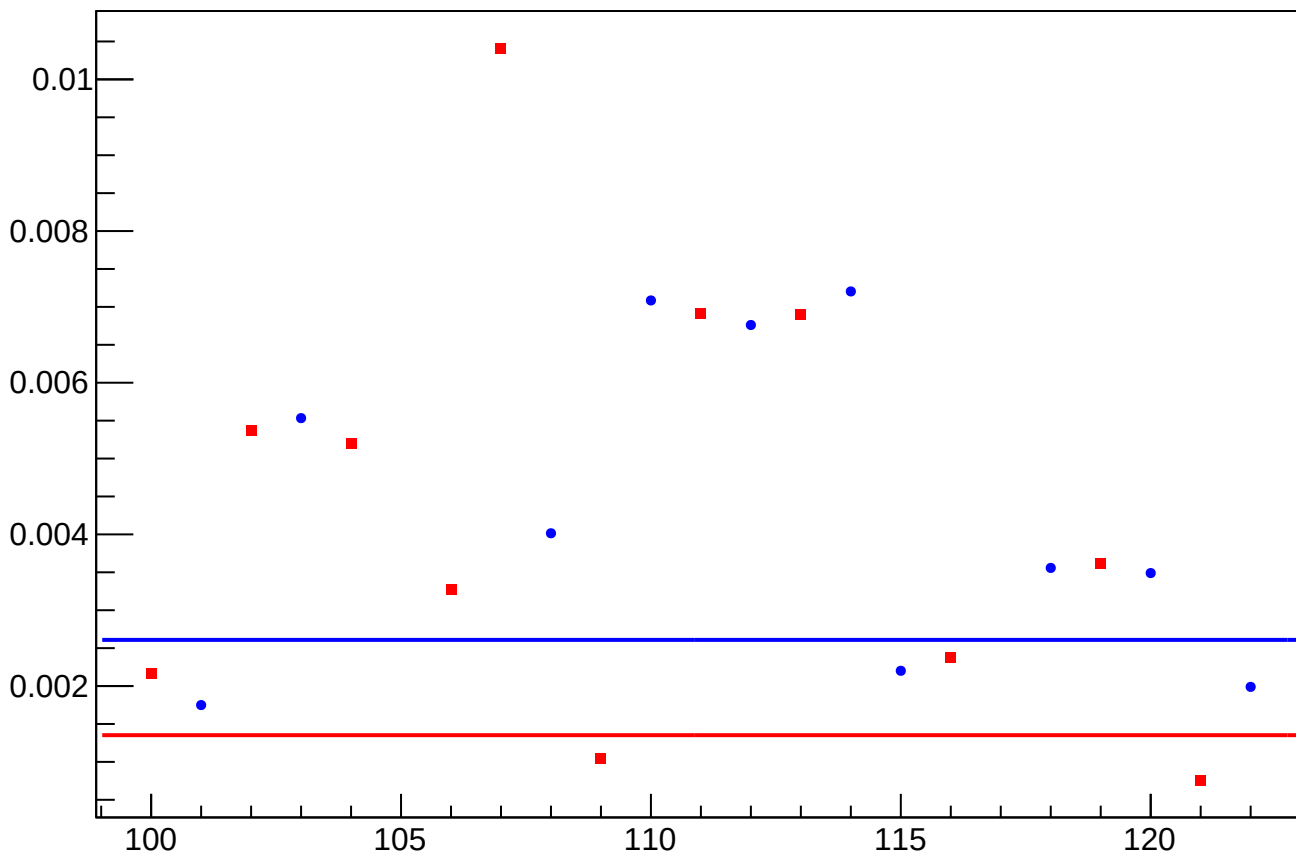
Right: -0.000+/-0.000 χ^2/NDF : 28.3/20

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

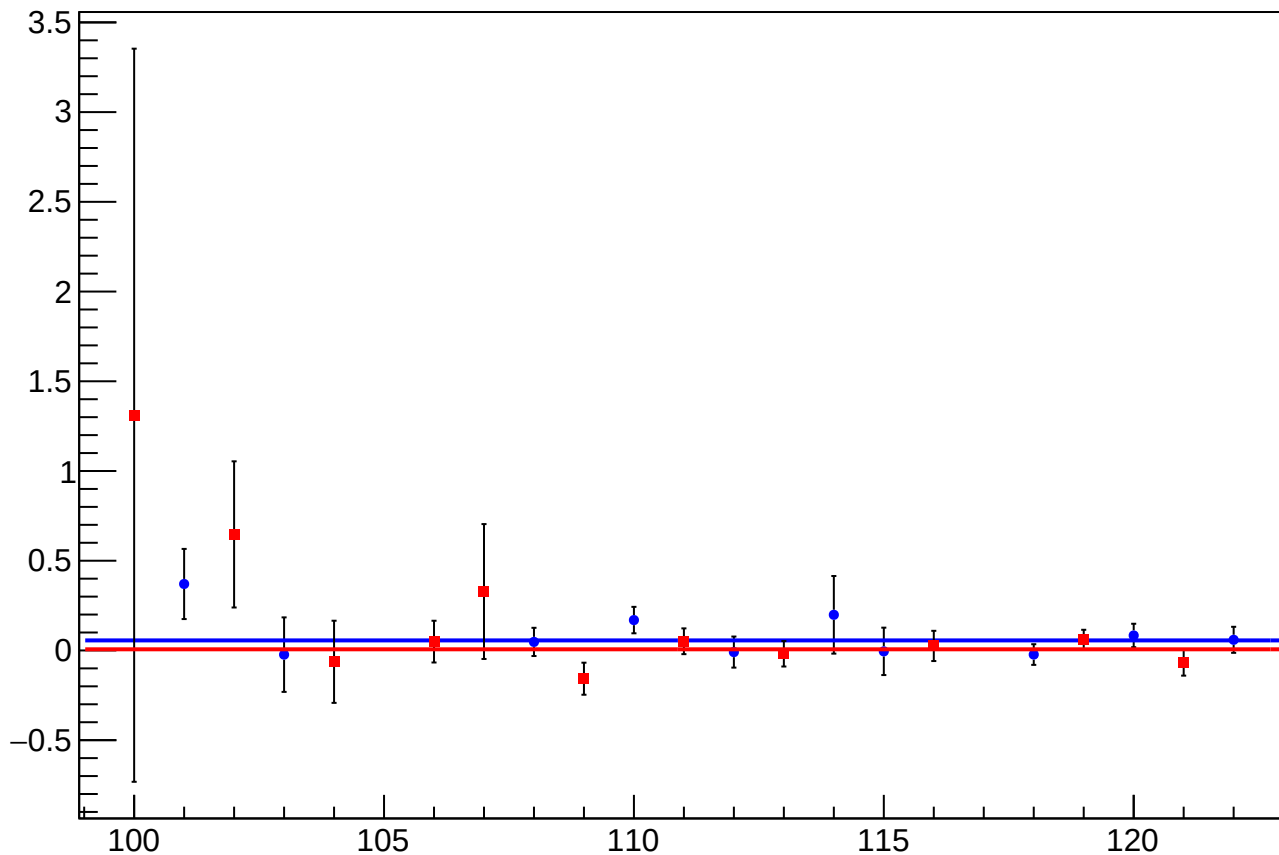
Right: 0.002+/-0.000 χ^2/NDF : 6896962.5/20

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

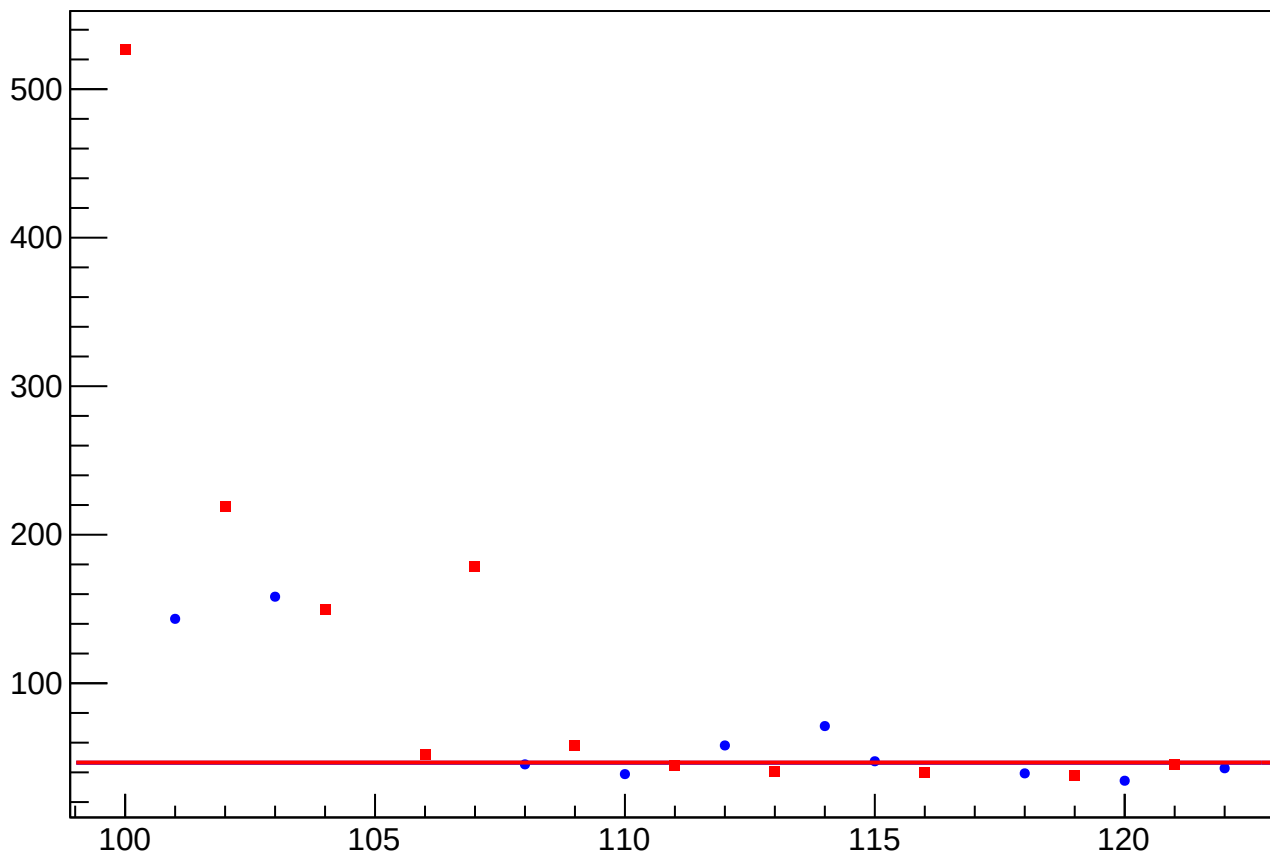
Right: 0.032+/-0.019 χ^2/NDF : 19.8/20

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

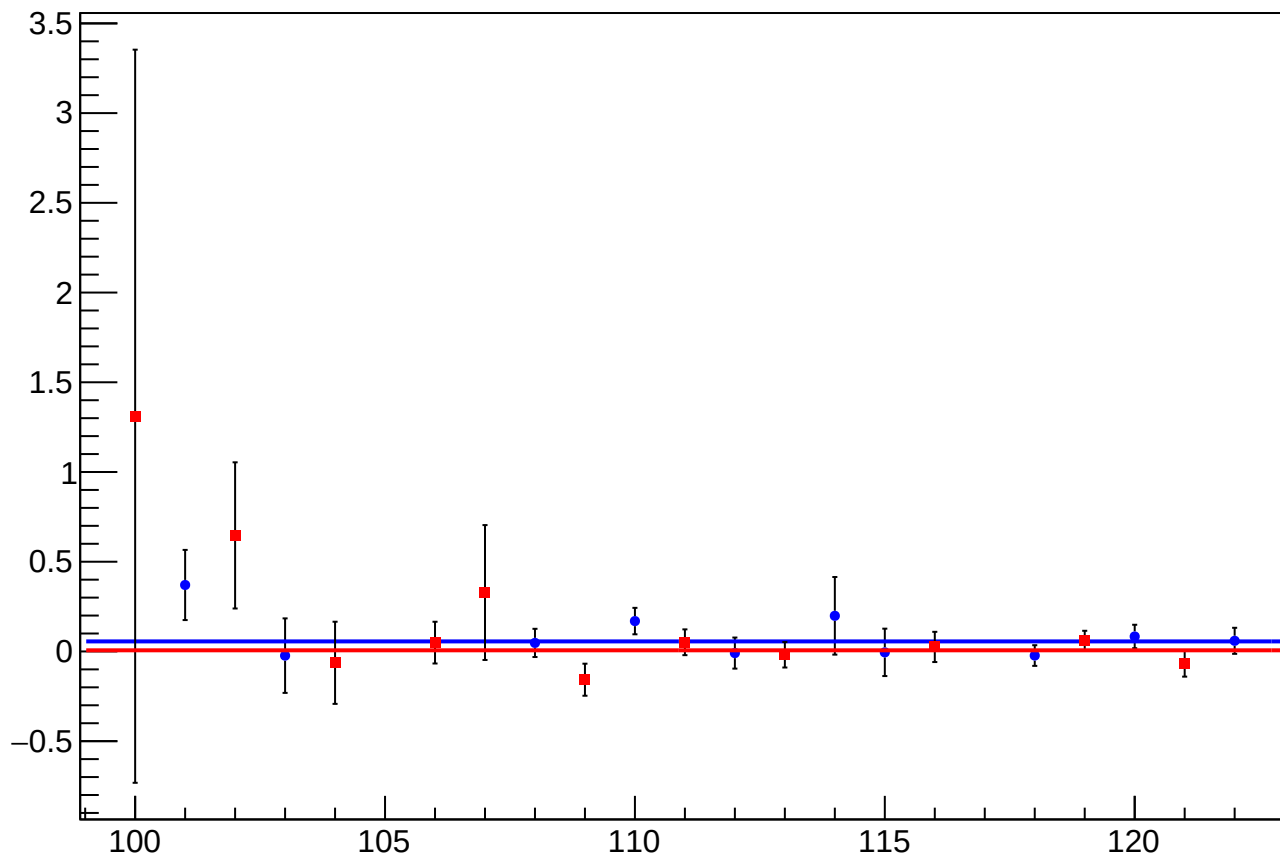
Right: 46.542+/-0.014 χ^2/NDF : 2501753.4/20

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

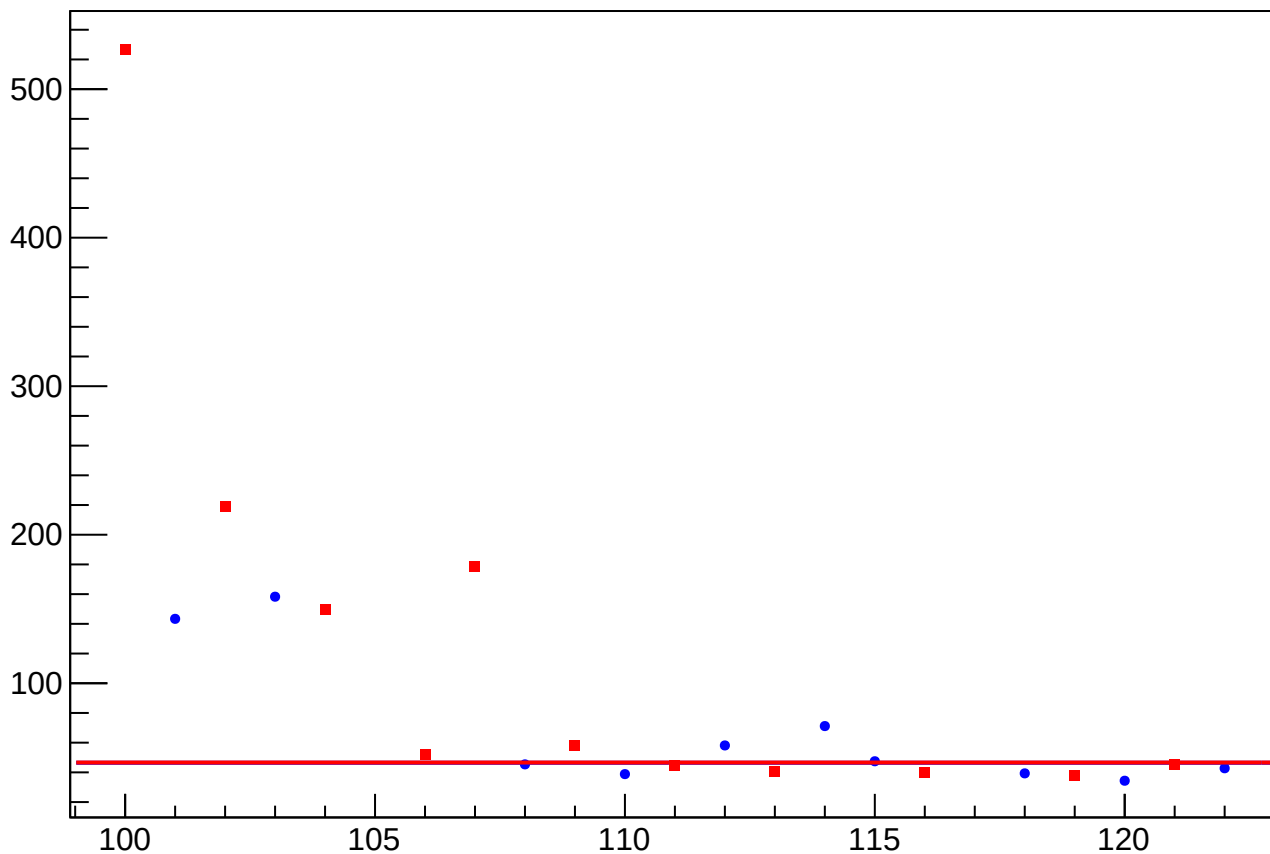
Right: 0.032+/-0.019 χ^2/NDF : 19.8/20

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

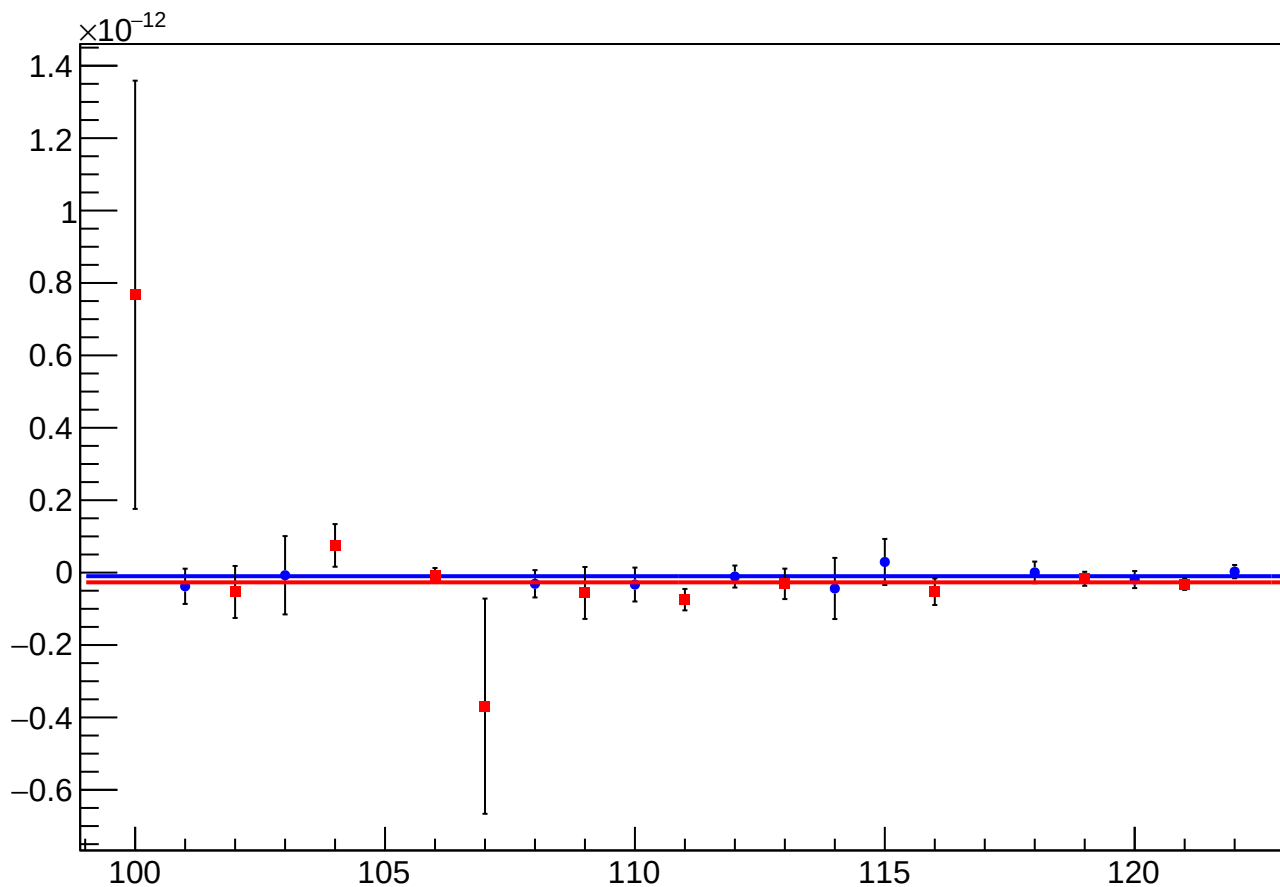
Right: 46.542+/-0.014 χ^2/NDF : 2501753.4/20

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

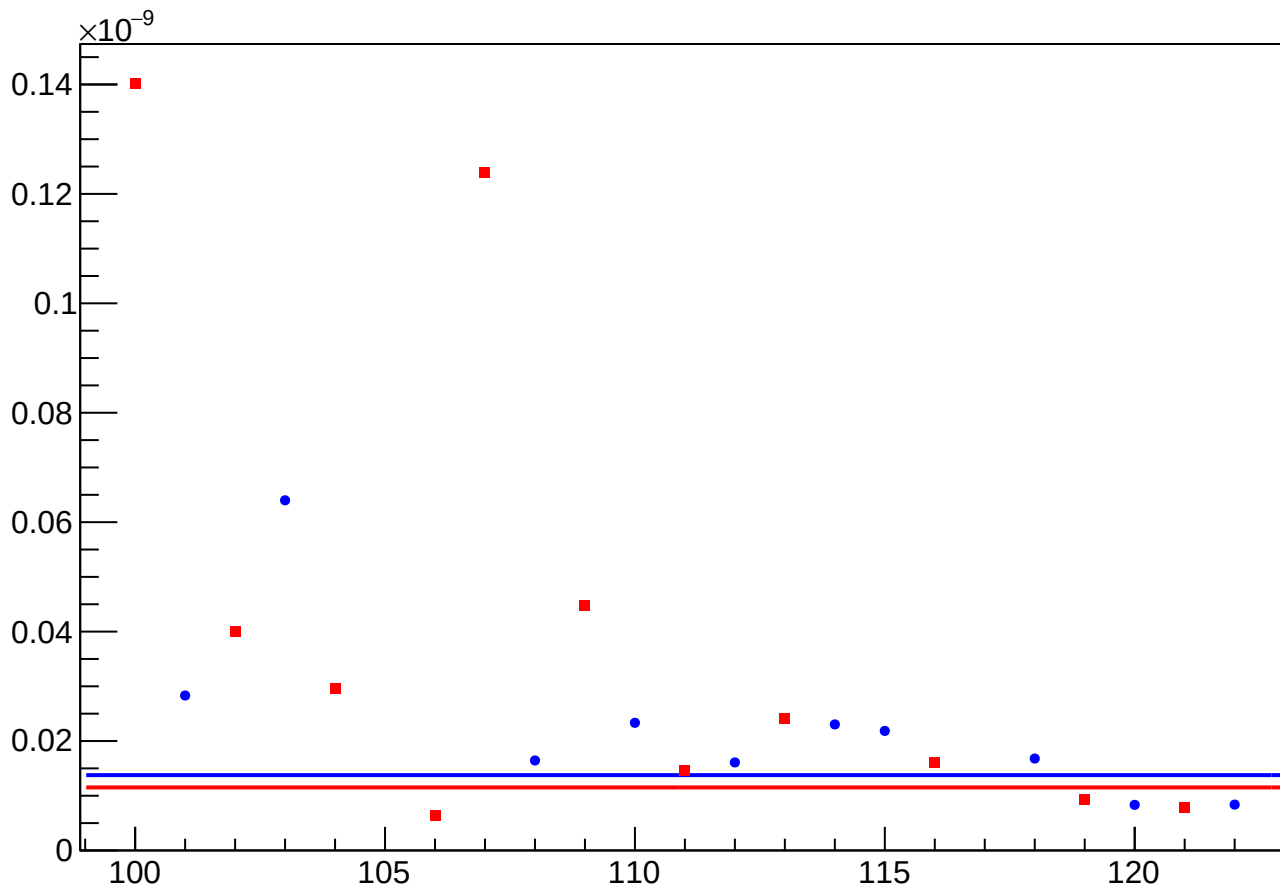
Right: -0.000+/-0.000 χ^2/NDF : 14.6/20

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

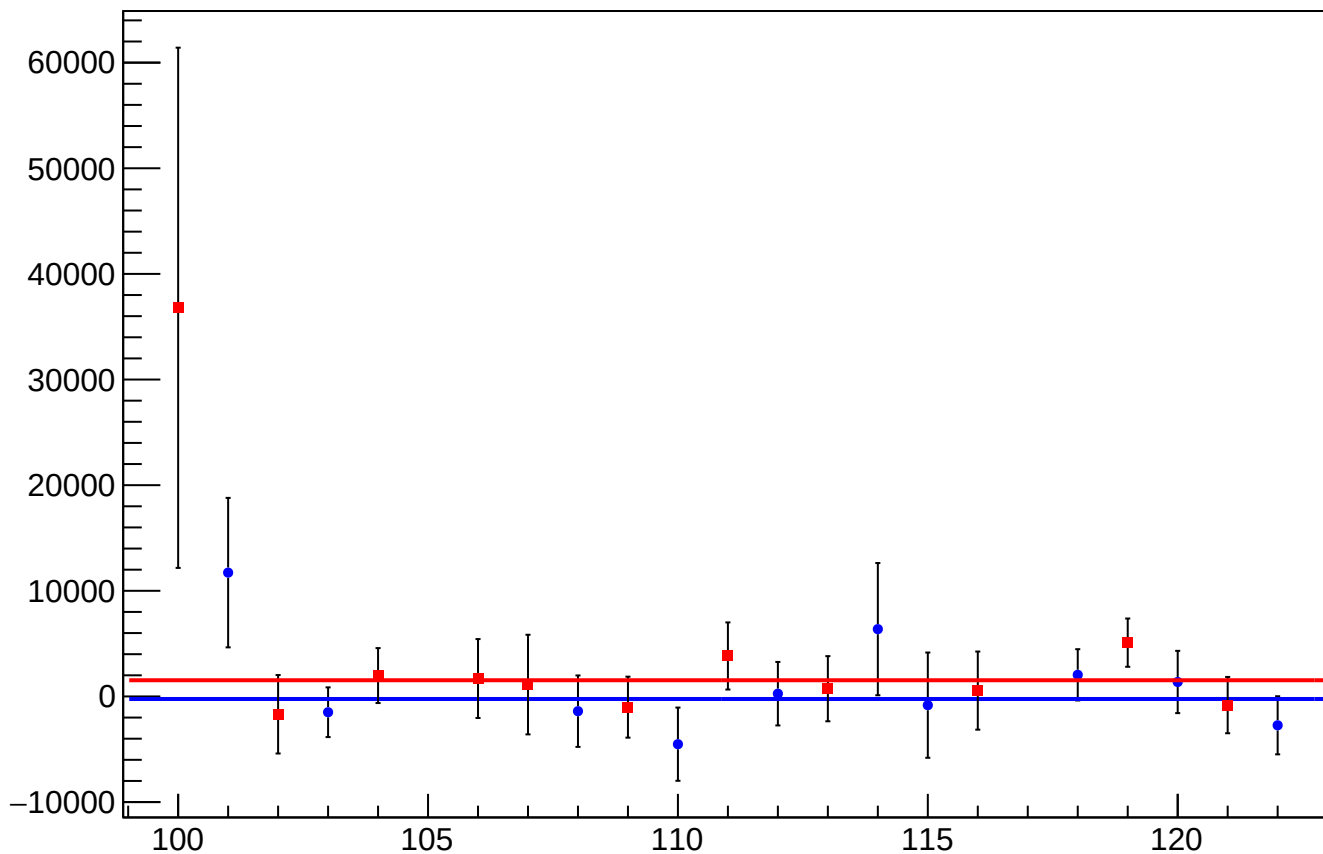
Right: 0.000+/-0.000 χ^2/NDF : 2935466.6/20

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

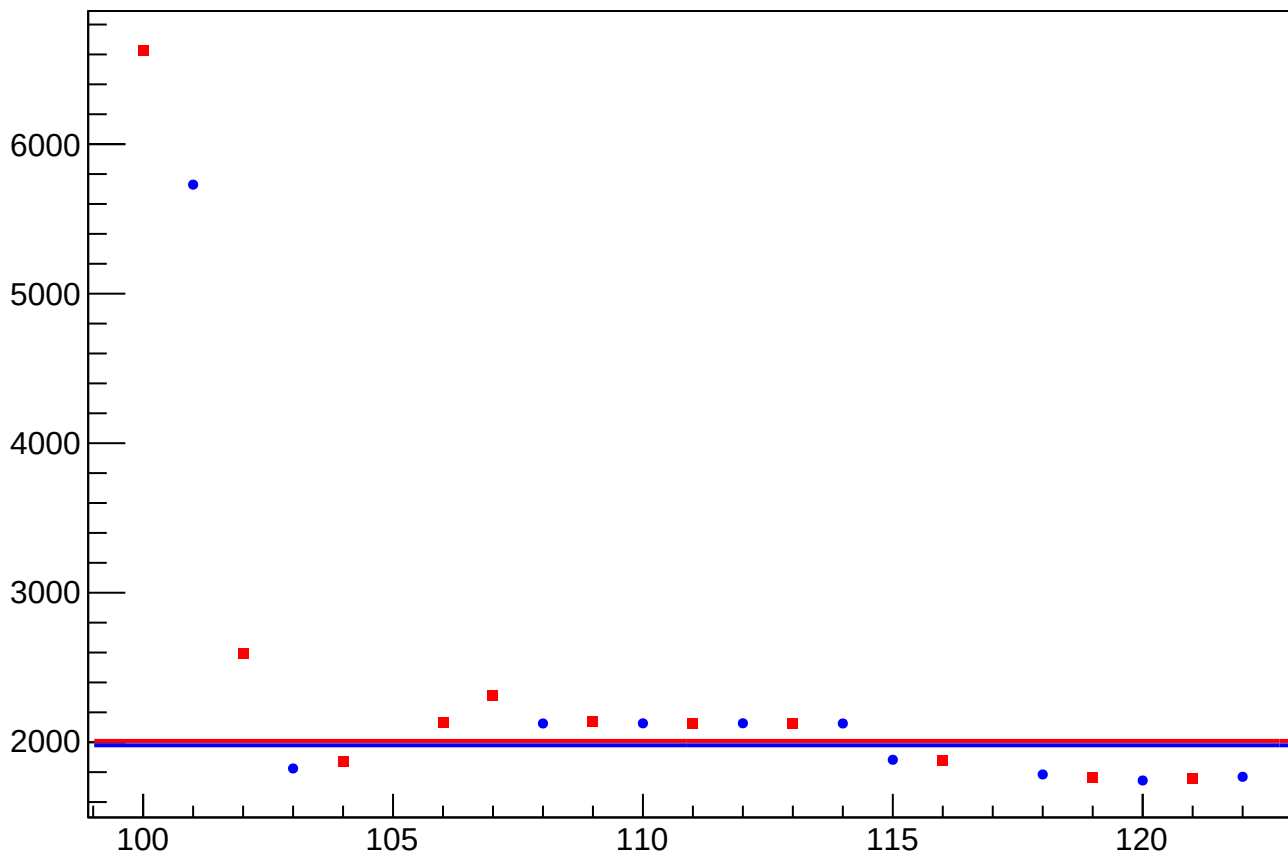
Right: 691.318+/-701.339 χ^2/NDF : 17.0/20

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

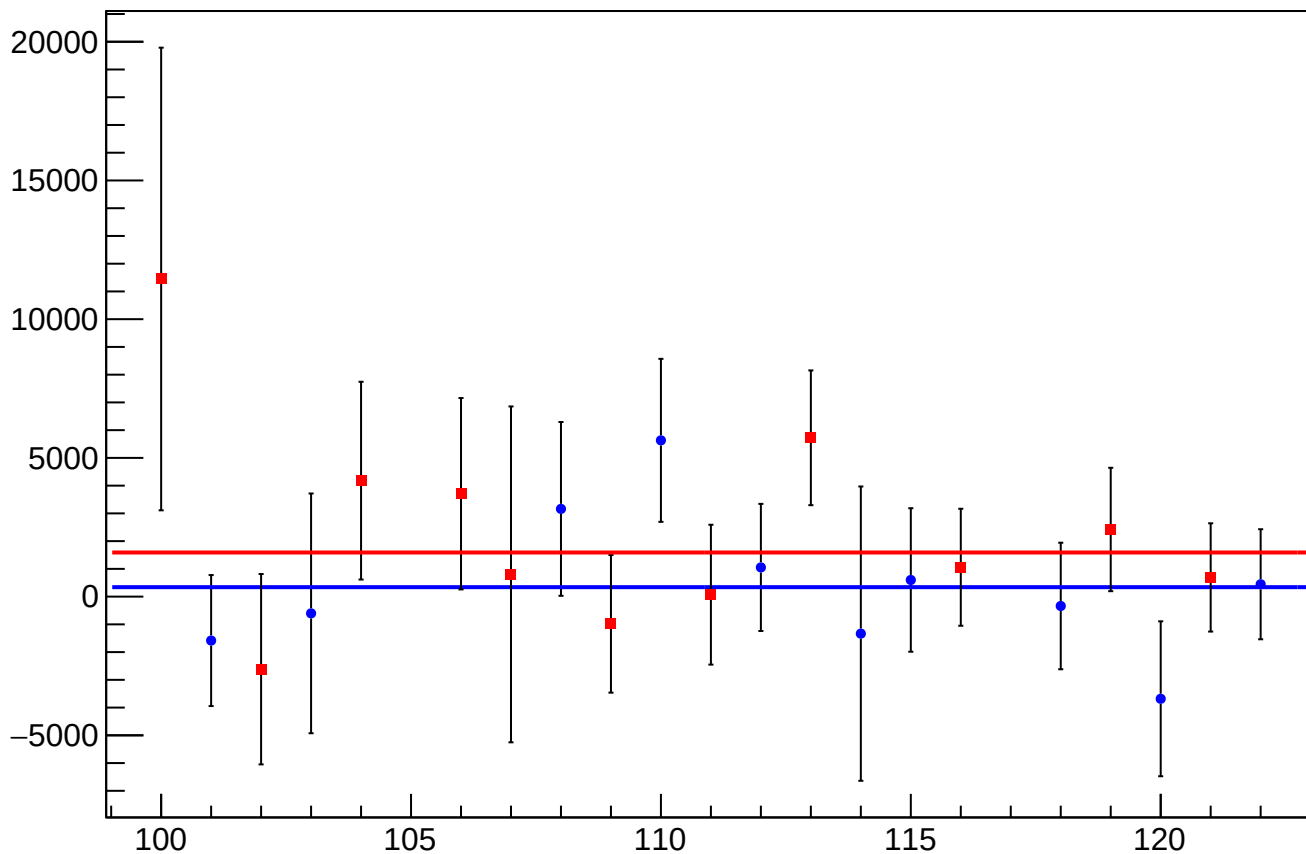
Right: 1994.995+/-0.496 χ^2/NDF : 810968.9/20

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

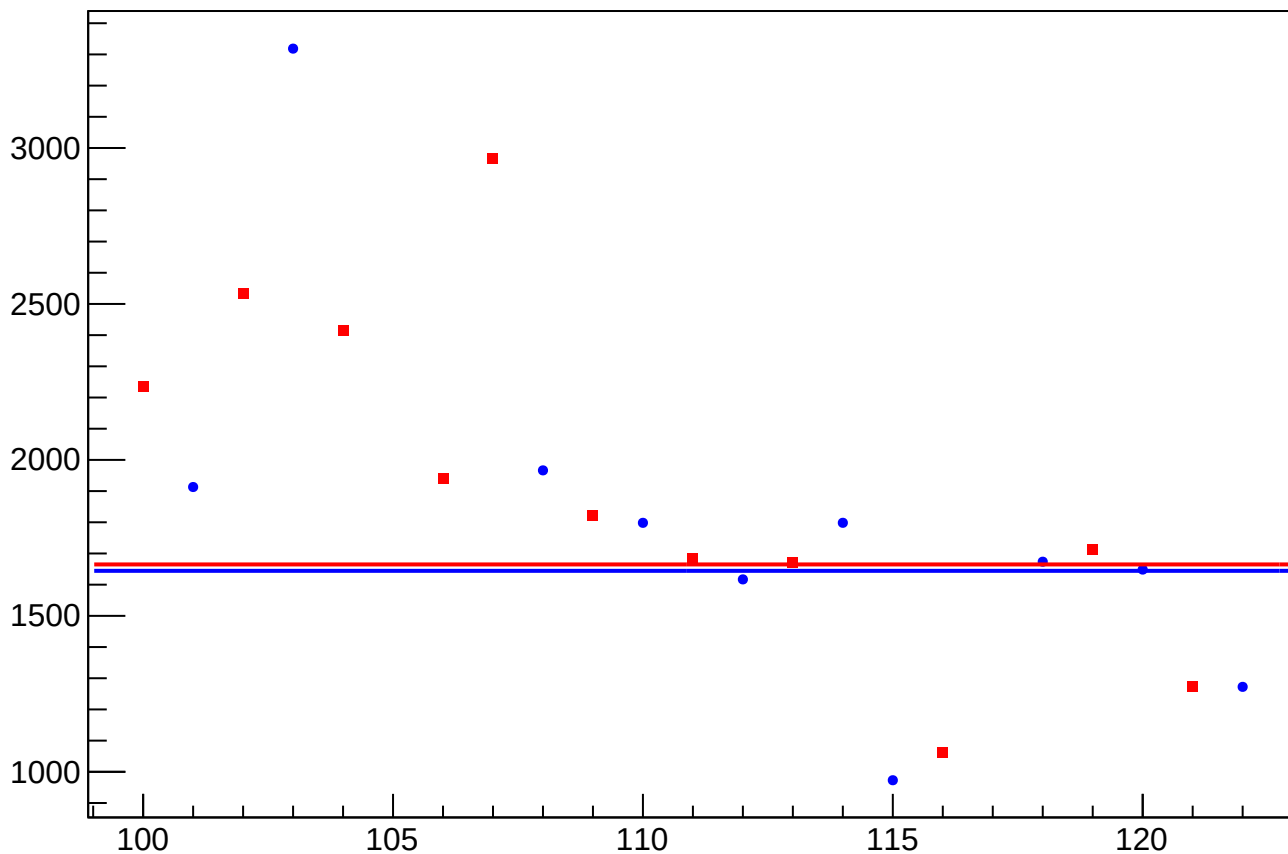
Right: 980.082+/-590.307 χ^2/NDF : 16.8/20

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

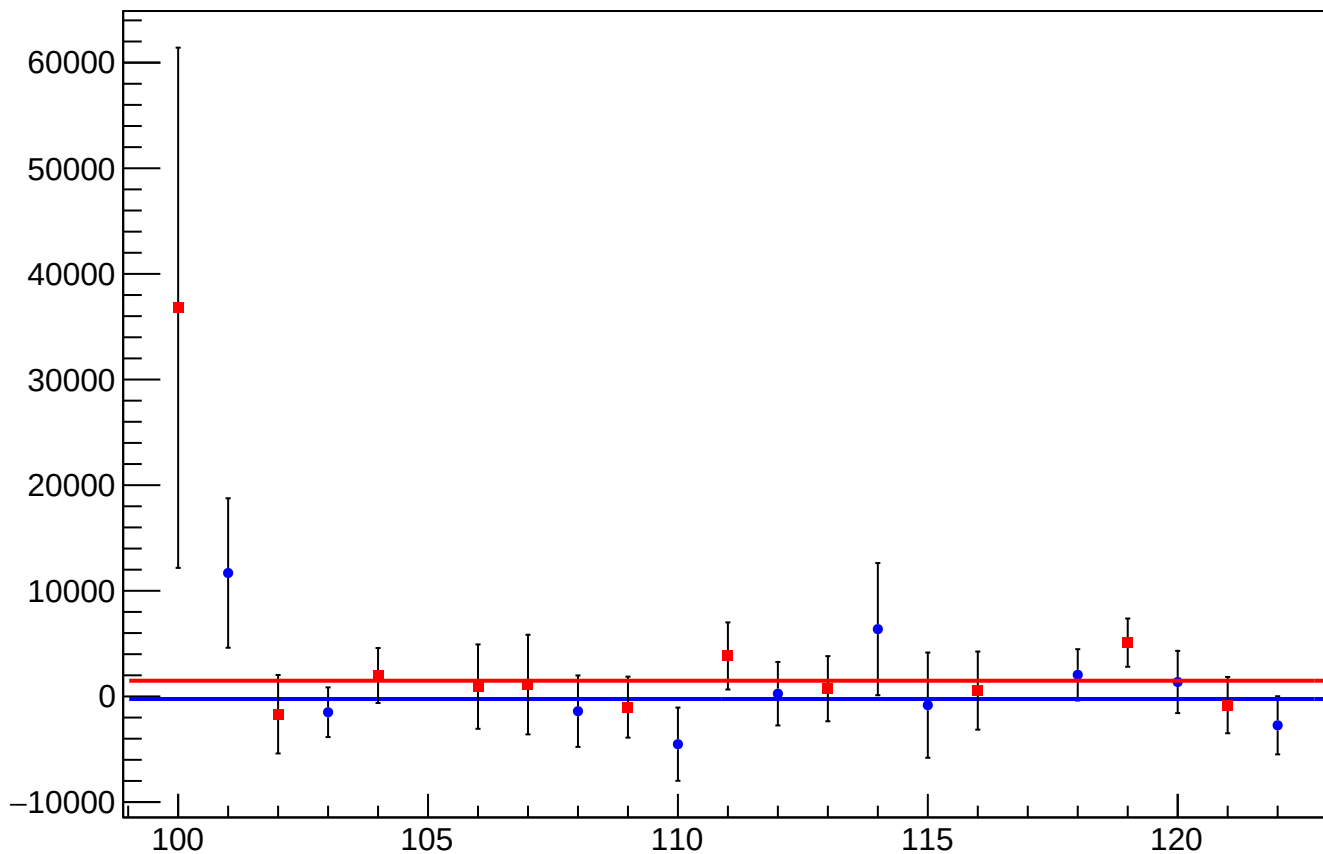
Right: 1654.850+/-0.417 χ^2/NDF : 1144941.0/20

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

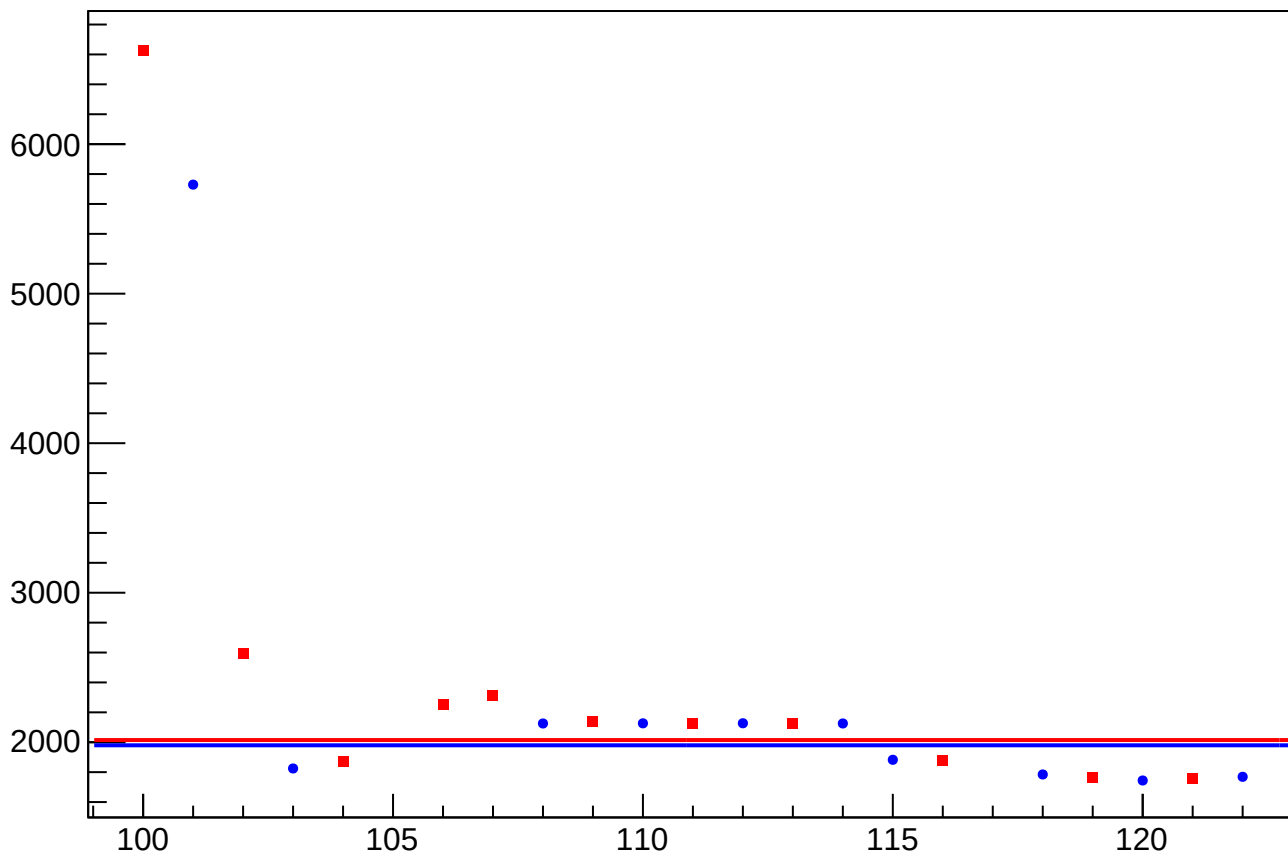
Right: 663.060+/-702.893 χ^2/NDF : 16.9/20

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

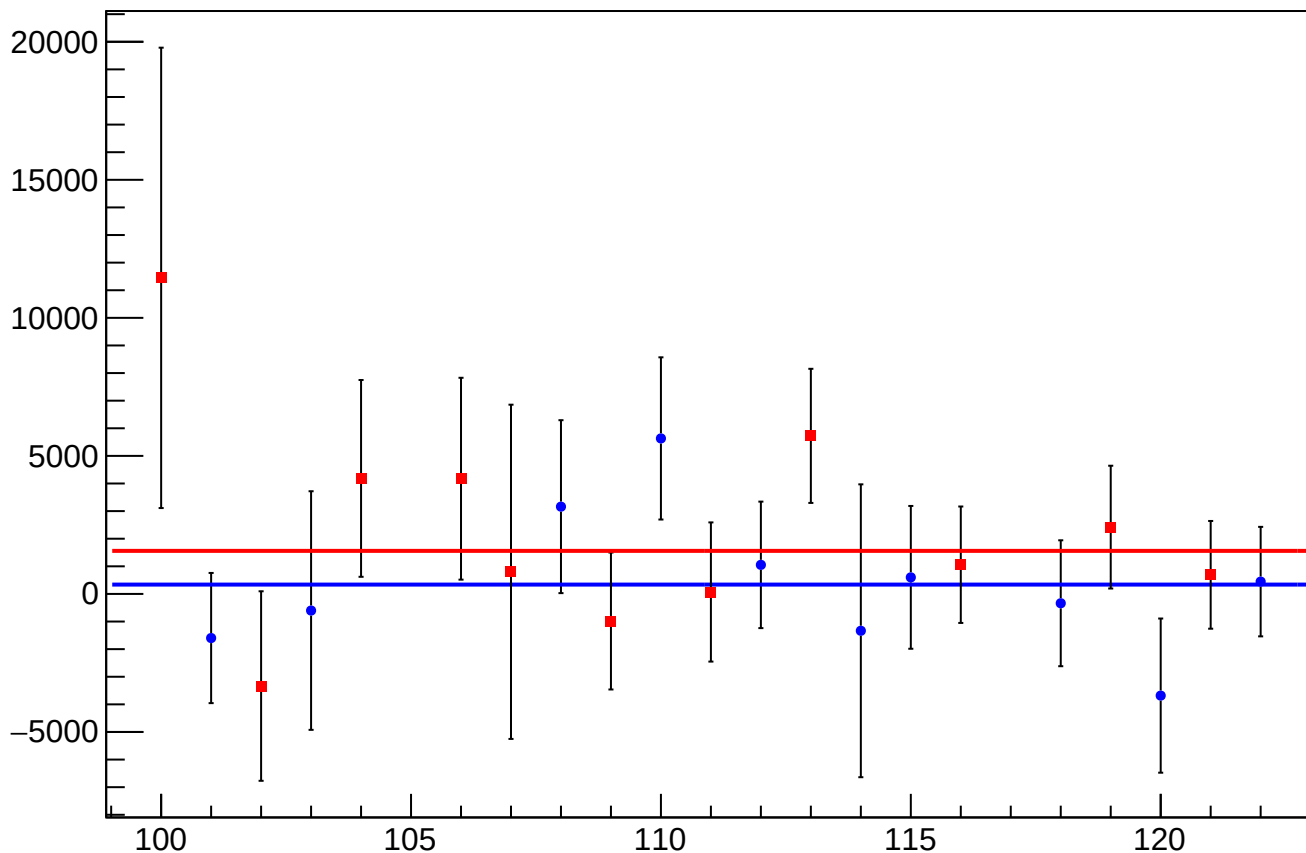
Right: 1997.999+/-0.497 χ^2/NDF : 816321.5/20

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

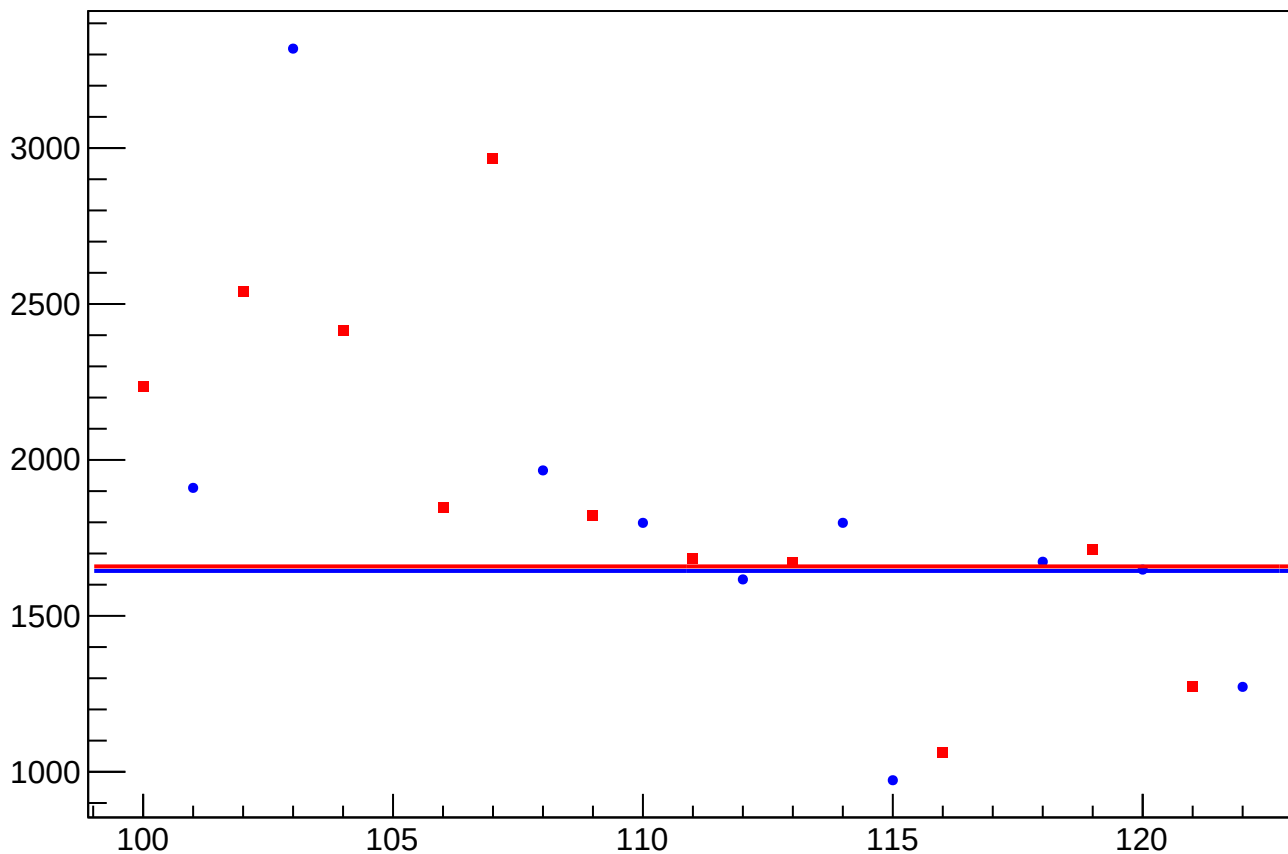
Right: 961.207+/-591.211 χ^2/NDF : 17.5/20

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

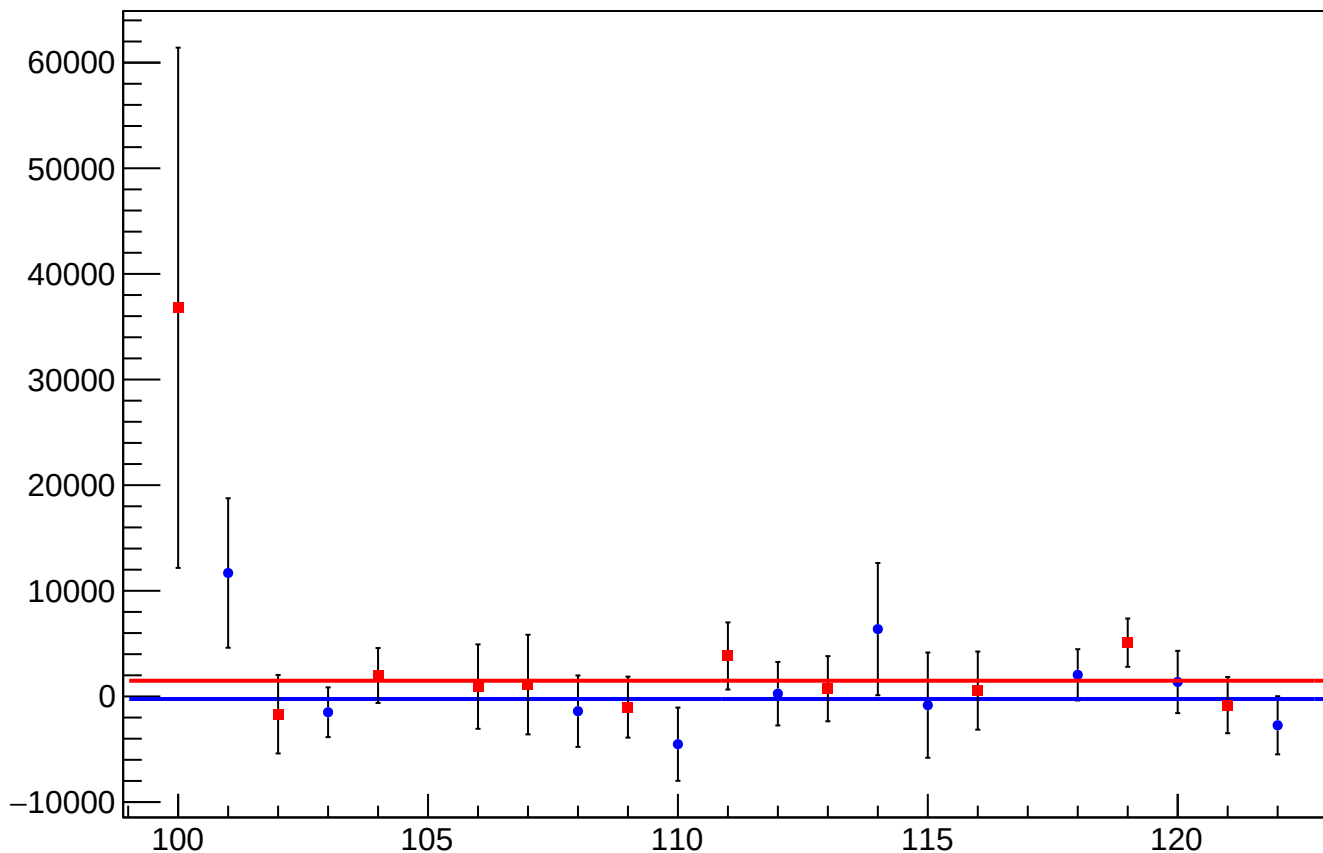
Right: 1651.508+/-0.418 χ^2/NDF : 1138004.6/20

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

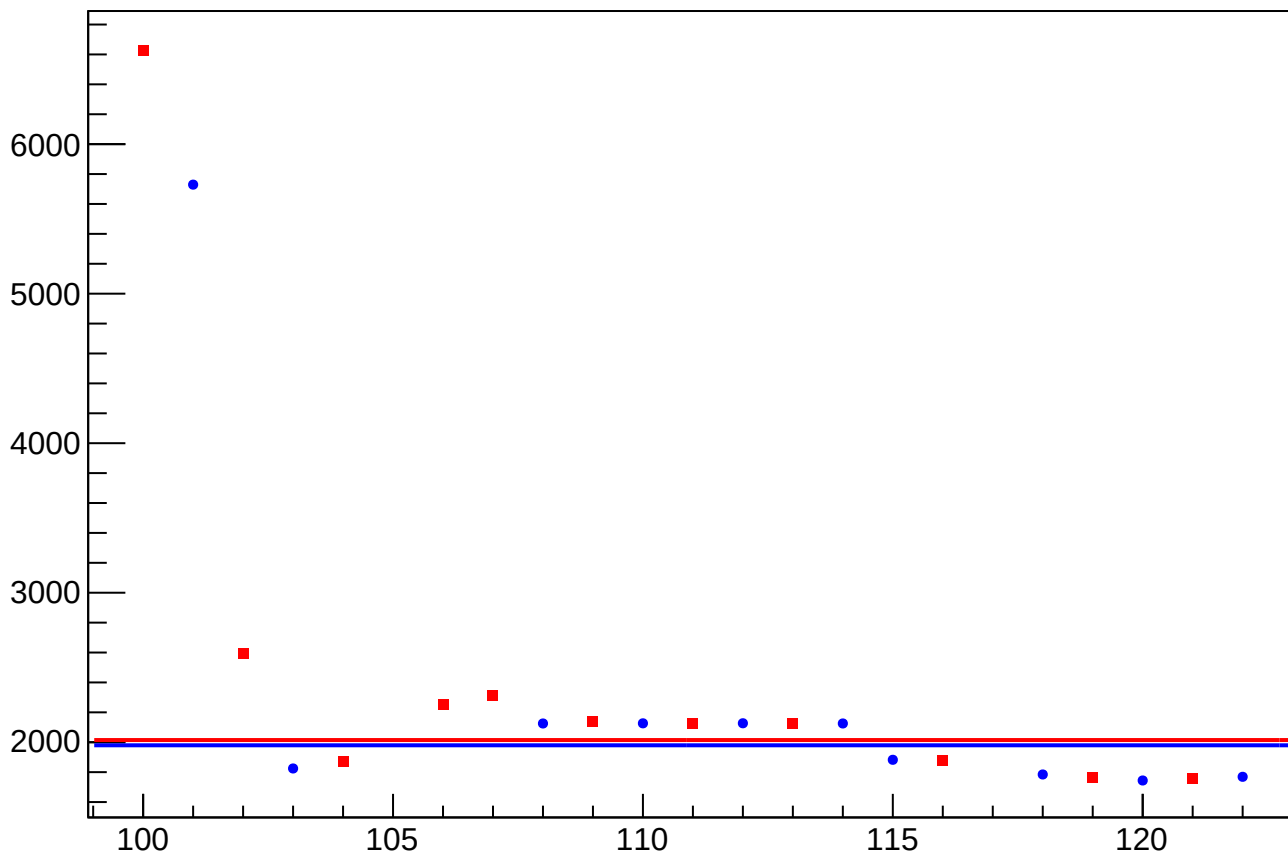
Right: 663.060+/-702.893 χ^2/NDF : 16.9/20

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

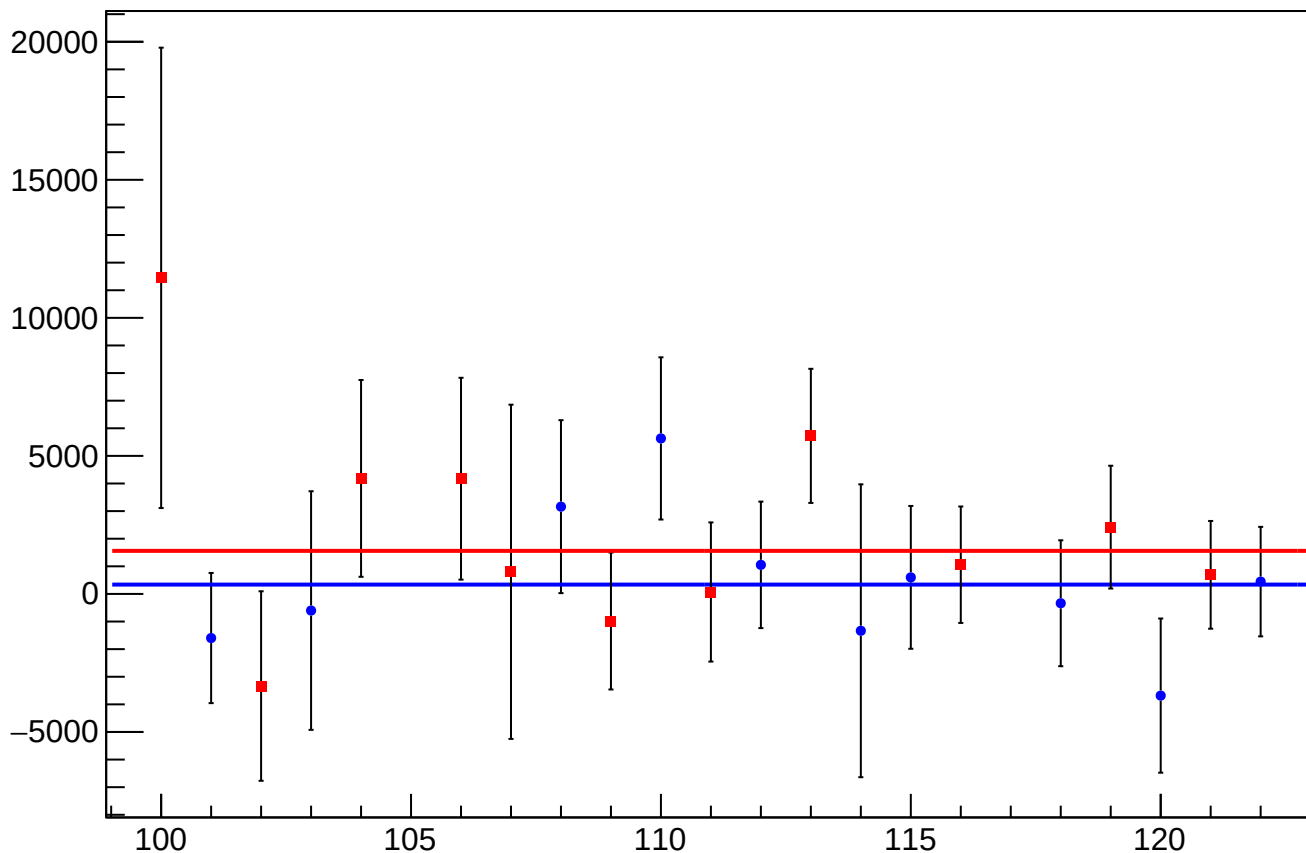
Right: 1997.999+/-0.497 χ^2/NDF : 816321.5/20

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

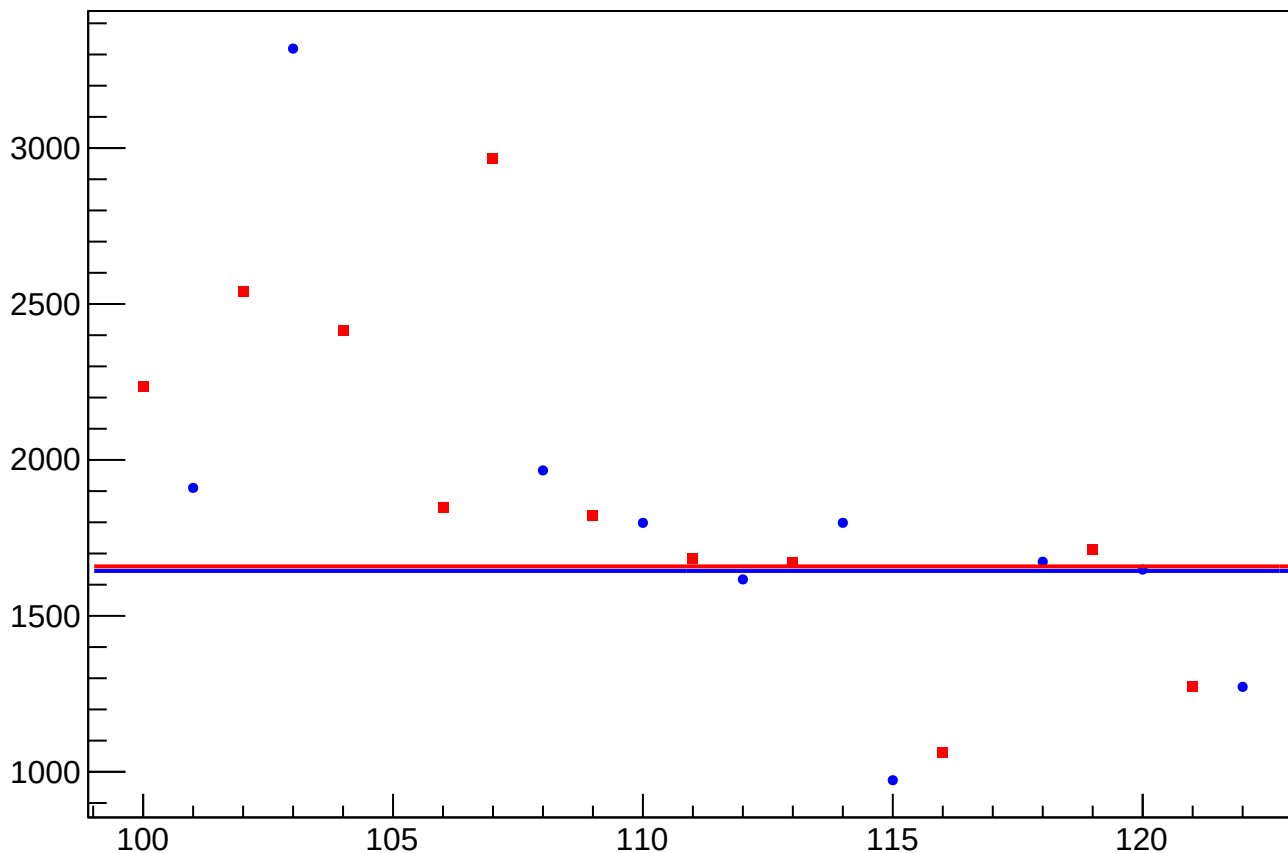
Right: 961.207+/-591.211 χ^2/NDF : 17.5/20

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

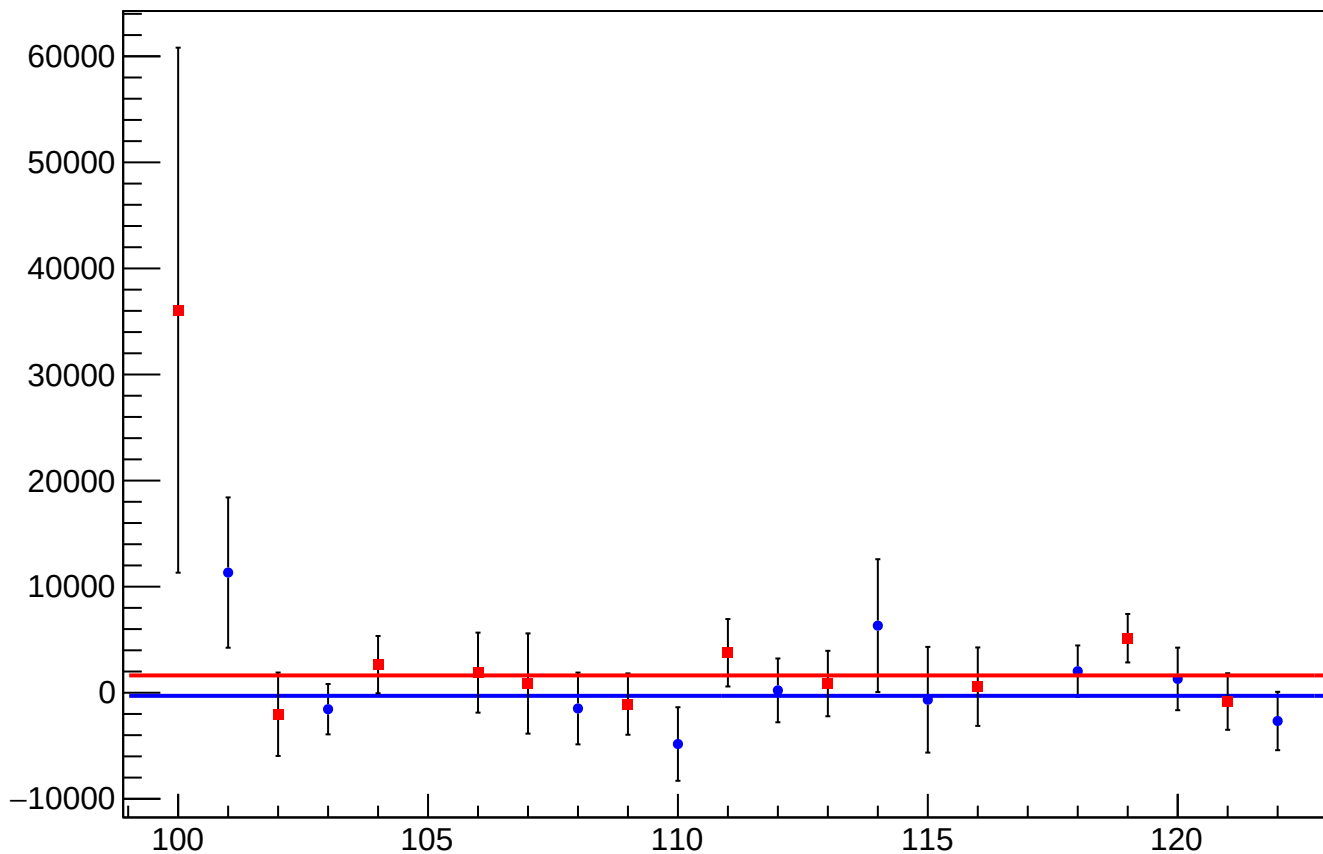
Right: 1651.508+/-0.418 χ^2/NDF : 1138004.6/20

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

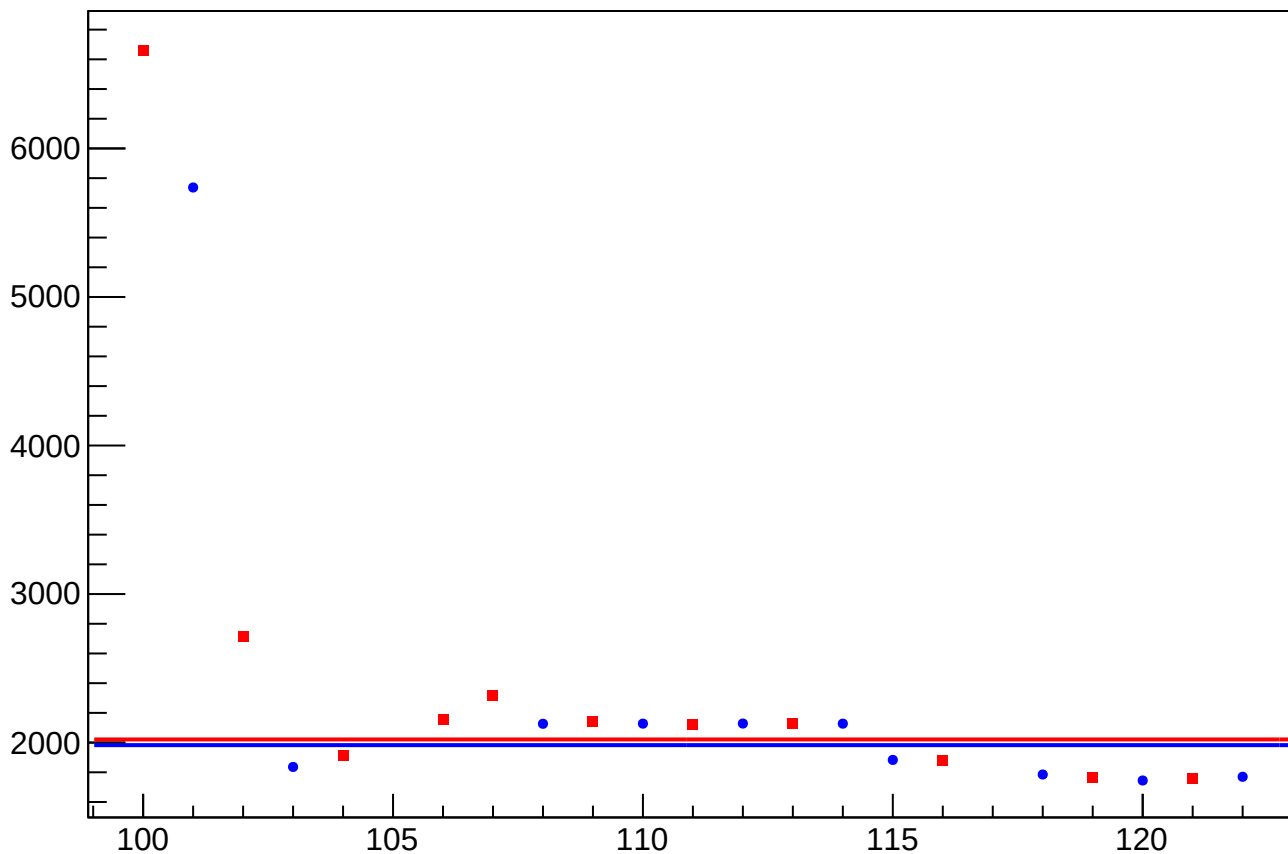
Right: 711.308+/-705.633 χ^2/NDF : 17.4/20

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

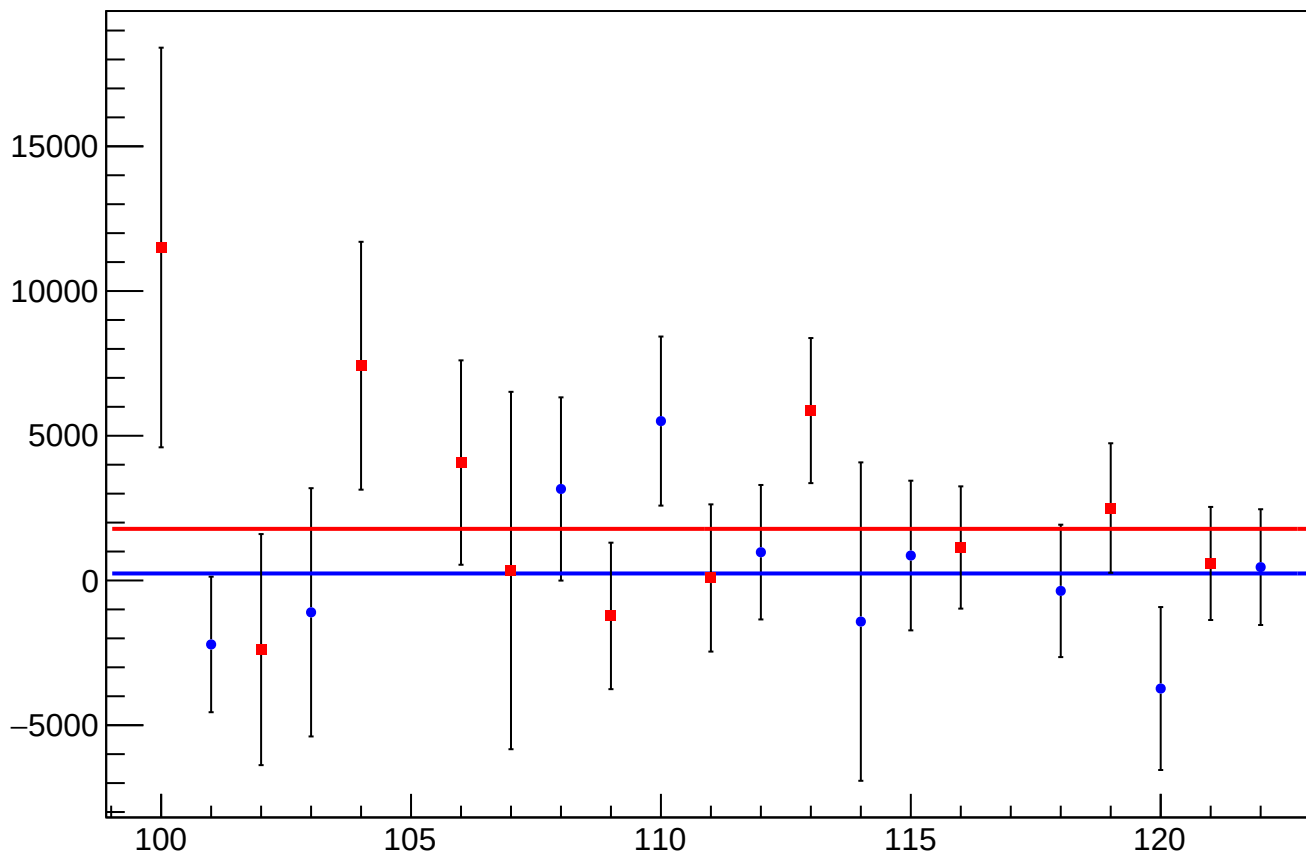
Right: 2002.836+/-0.499 χ^2/NDF : 823342.3/20

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

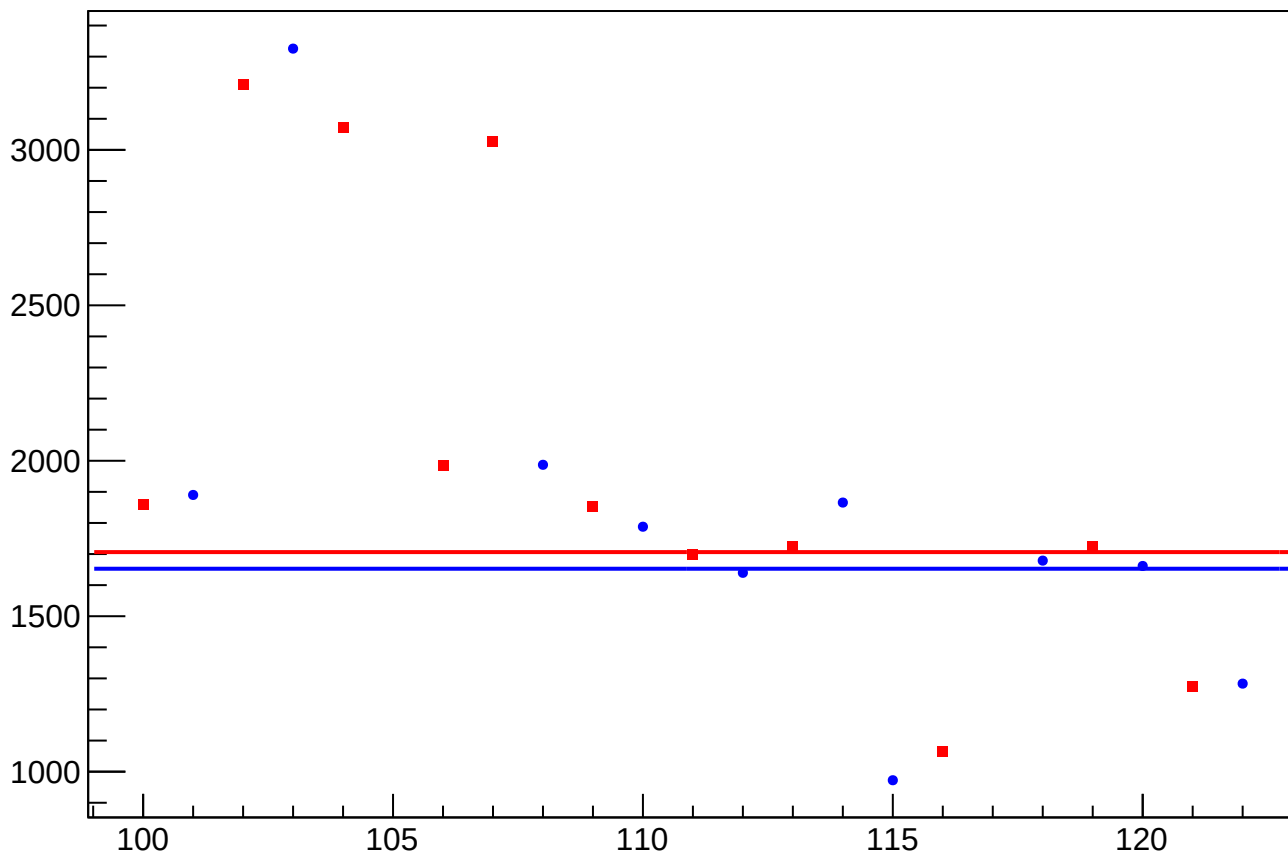
Right: 1015.795+/-598.700 χ^2/NDF : 19.6/20

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

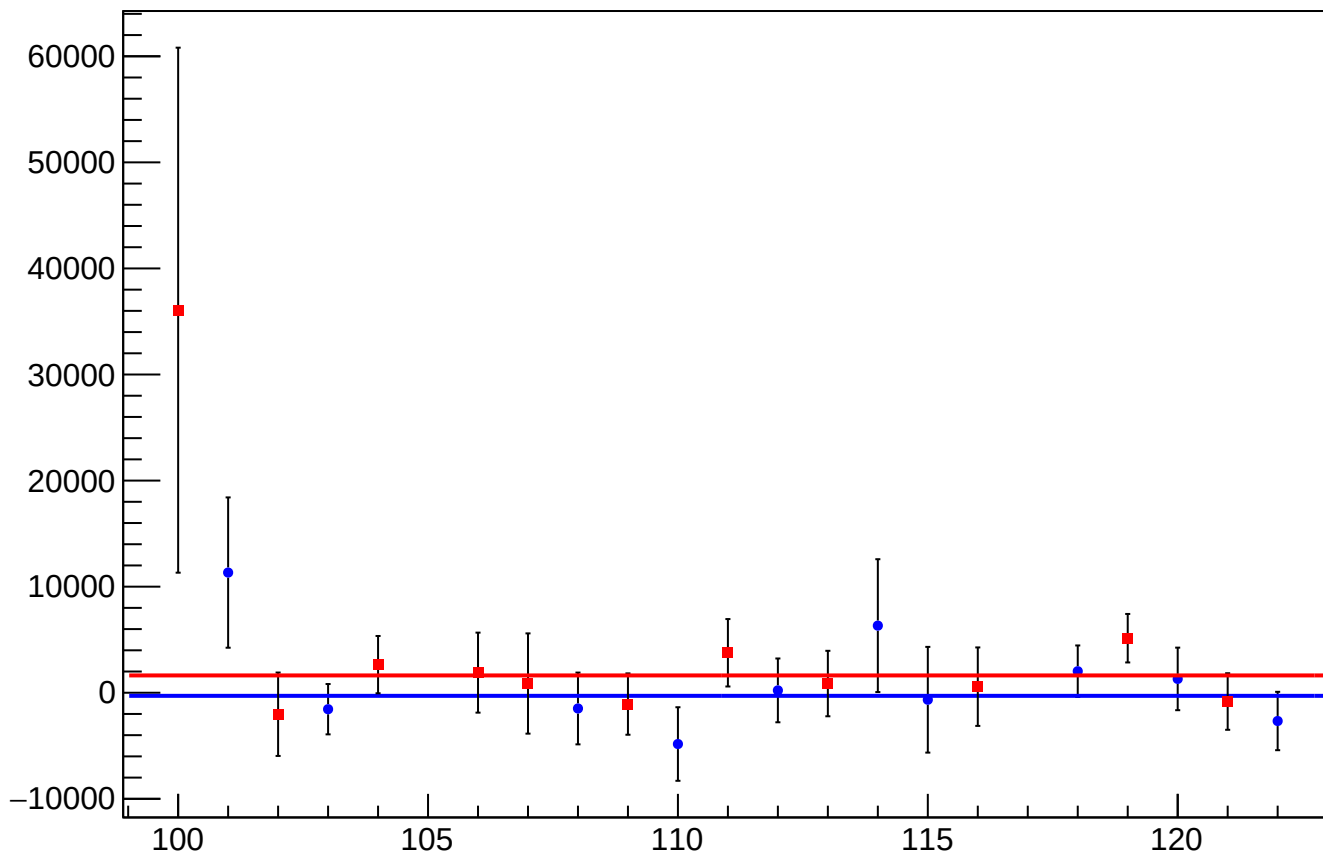
Right: 1679.616+/-0.423 χ^2/NDF : 1446641.8/20

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

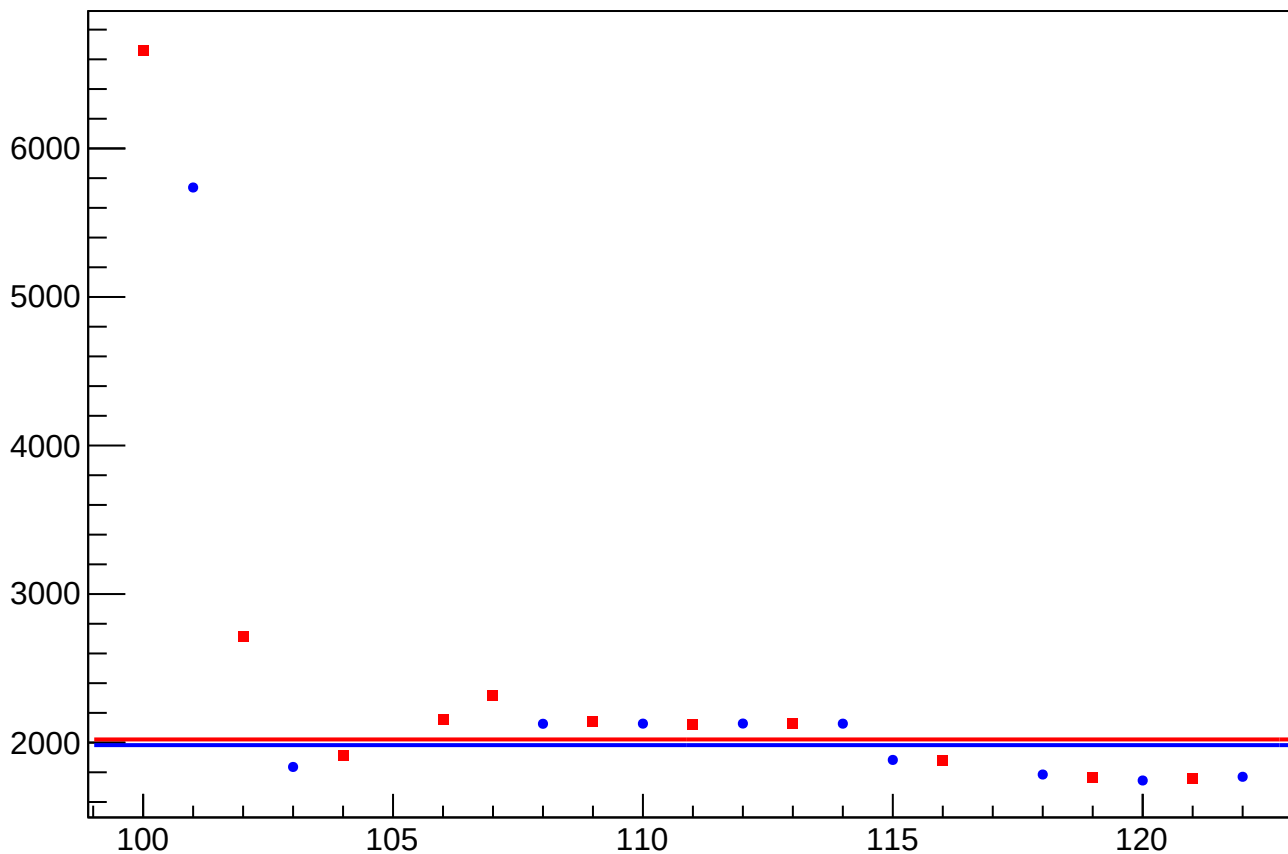
Right: 711.308+/-705.633 χ^2/NDF : 17.4/20

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

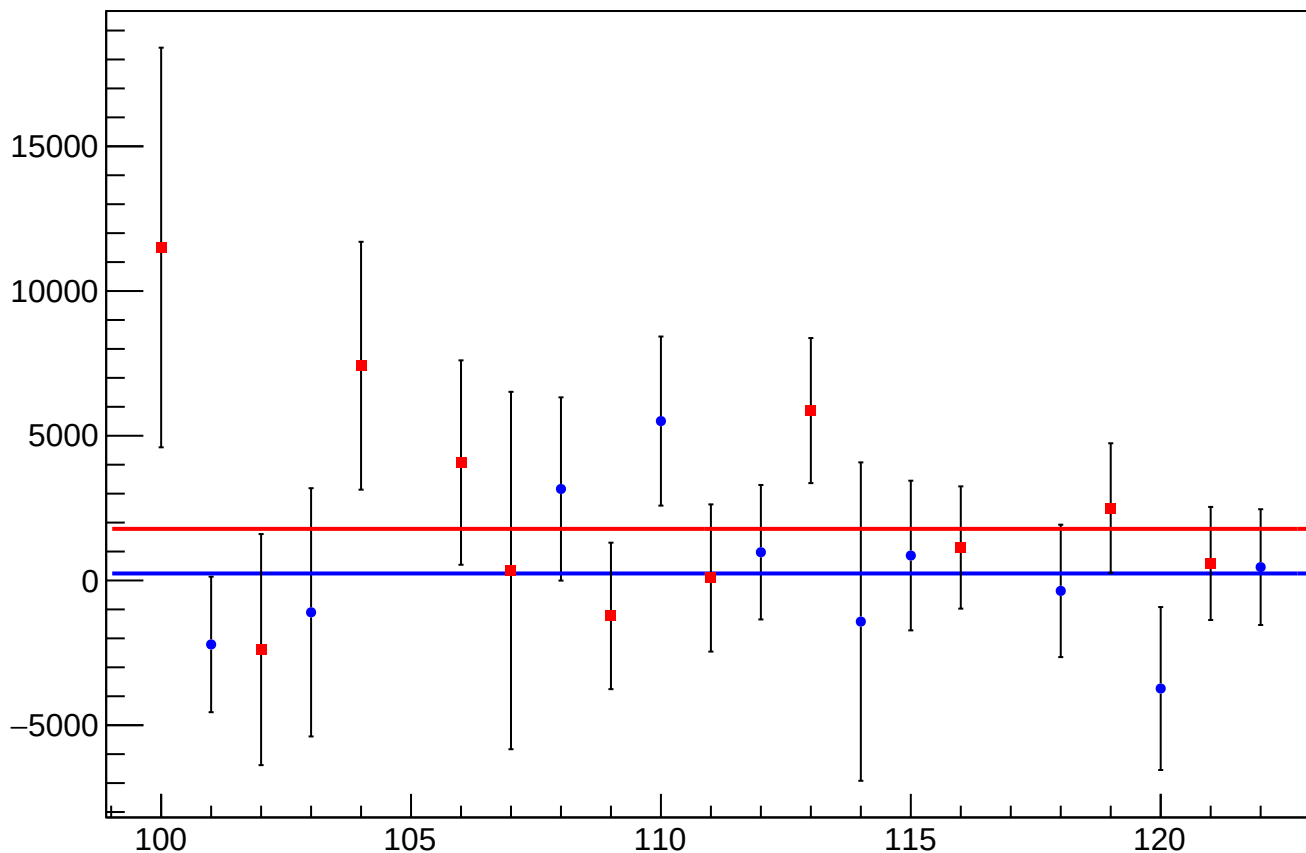
Right: 2002.836+/-0.499 χ^2/NDF : 823342.3/20

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

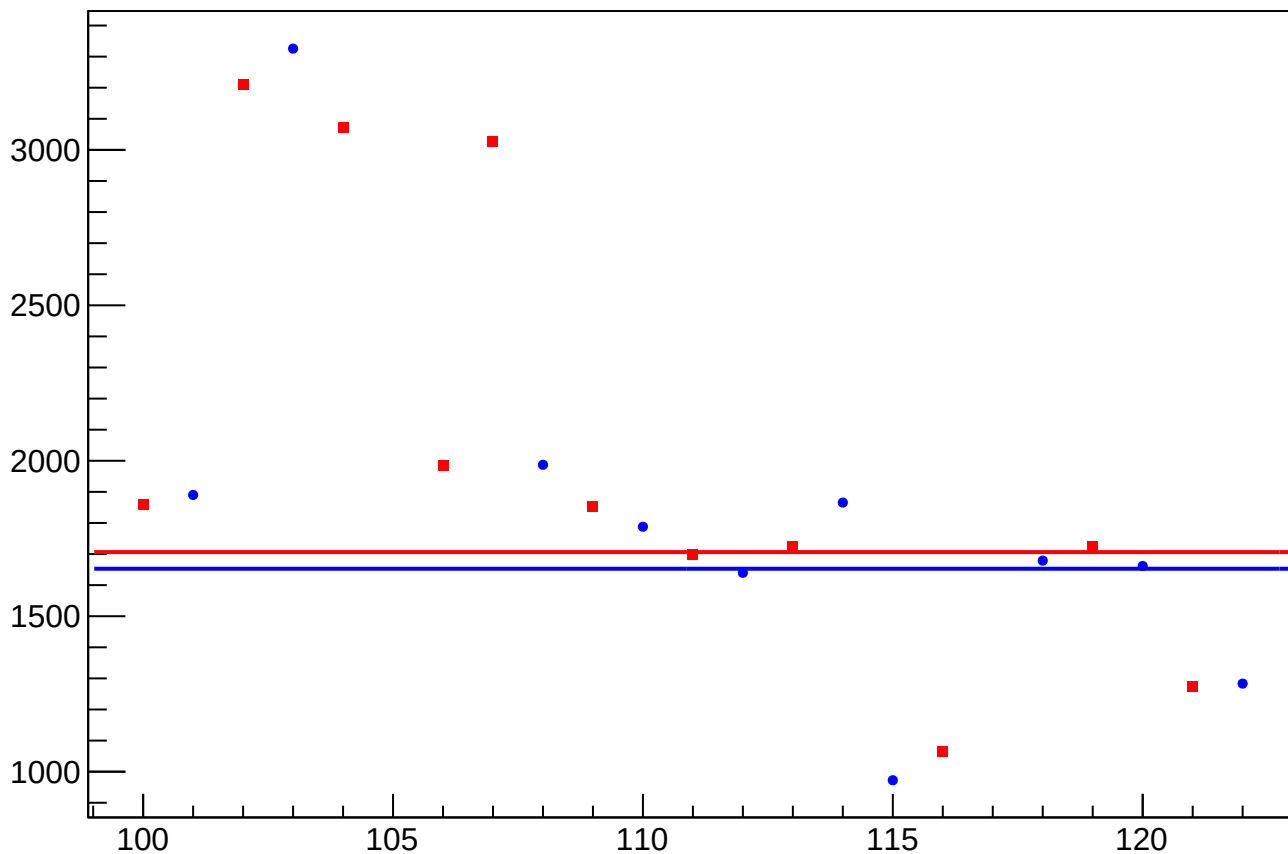
Right: 1015.793+/-598.699 χ^2/NDF : 19.6/20

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

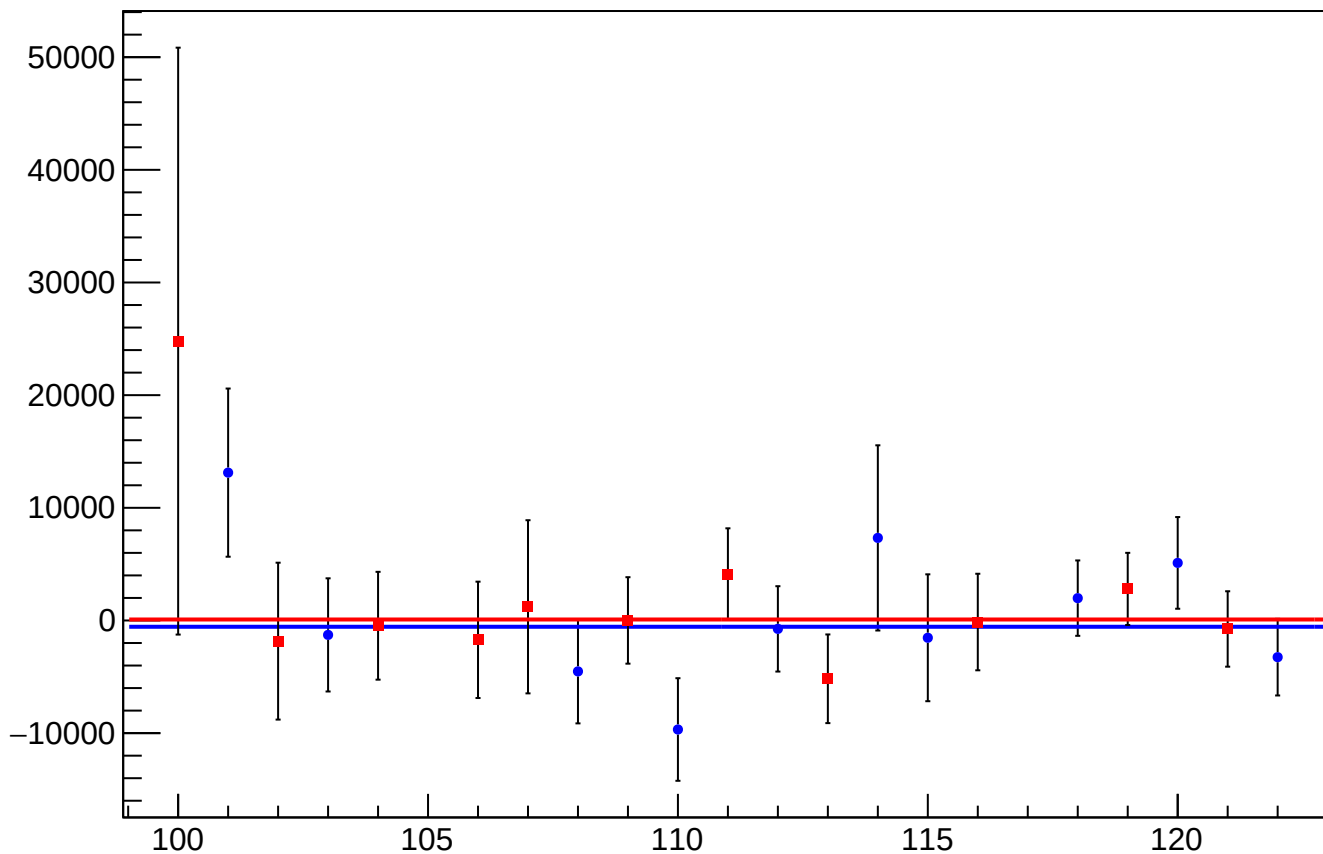
Right: 1679.612+/-0.423 χ^2/NDF : 1446651.4/20

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

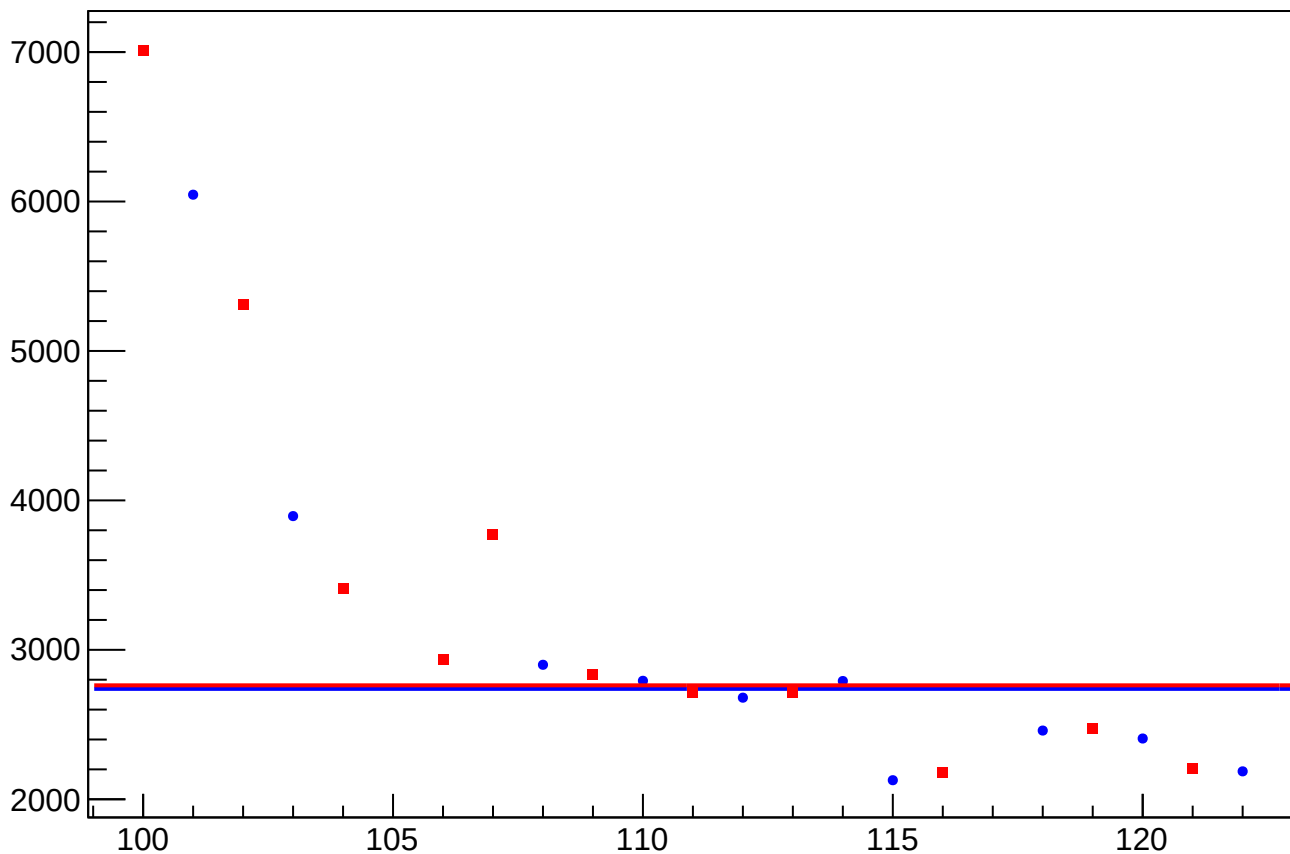
Right: -220.347+/-971.496 χ^2/NDF : 17.0/20

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

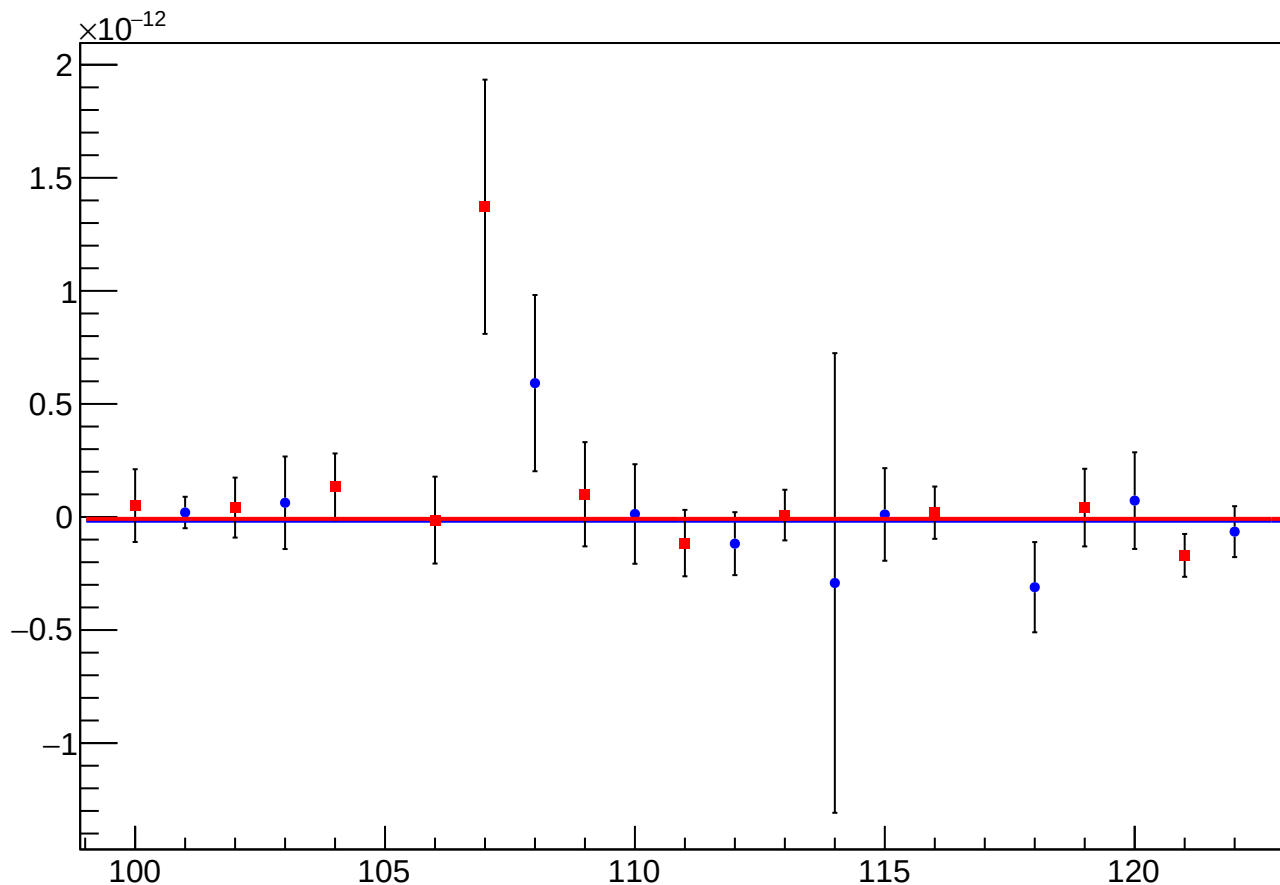
Right: 2751.144+/-0.687 χ^2/NDF : 1110134.8/20

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

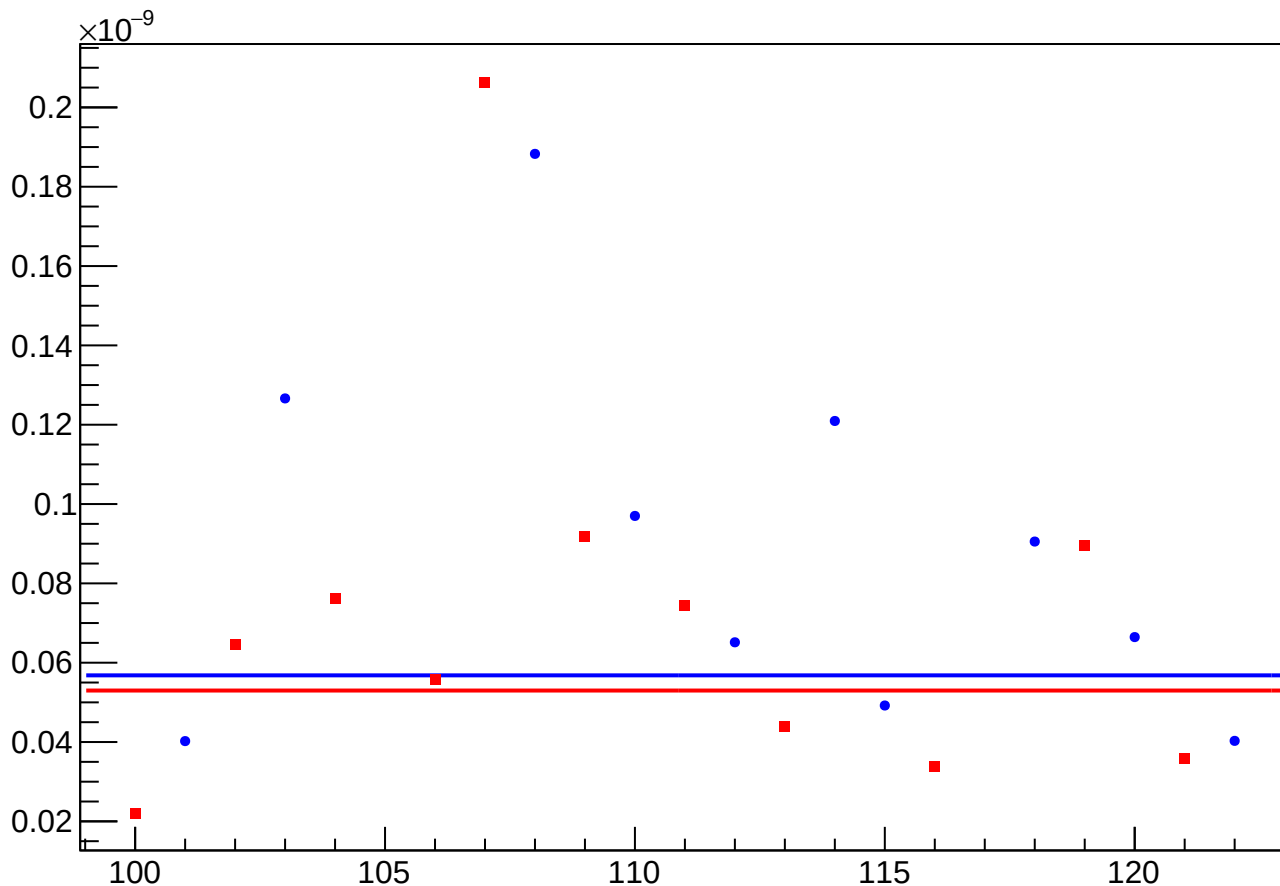
Right: -0.000+/-0.000 χ^2 /NDF: 17.1/20

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

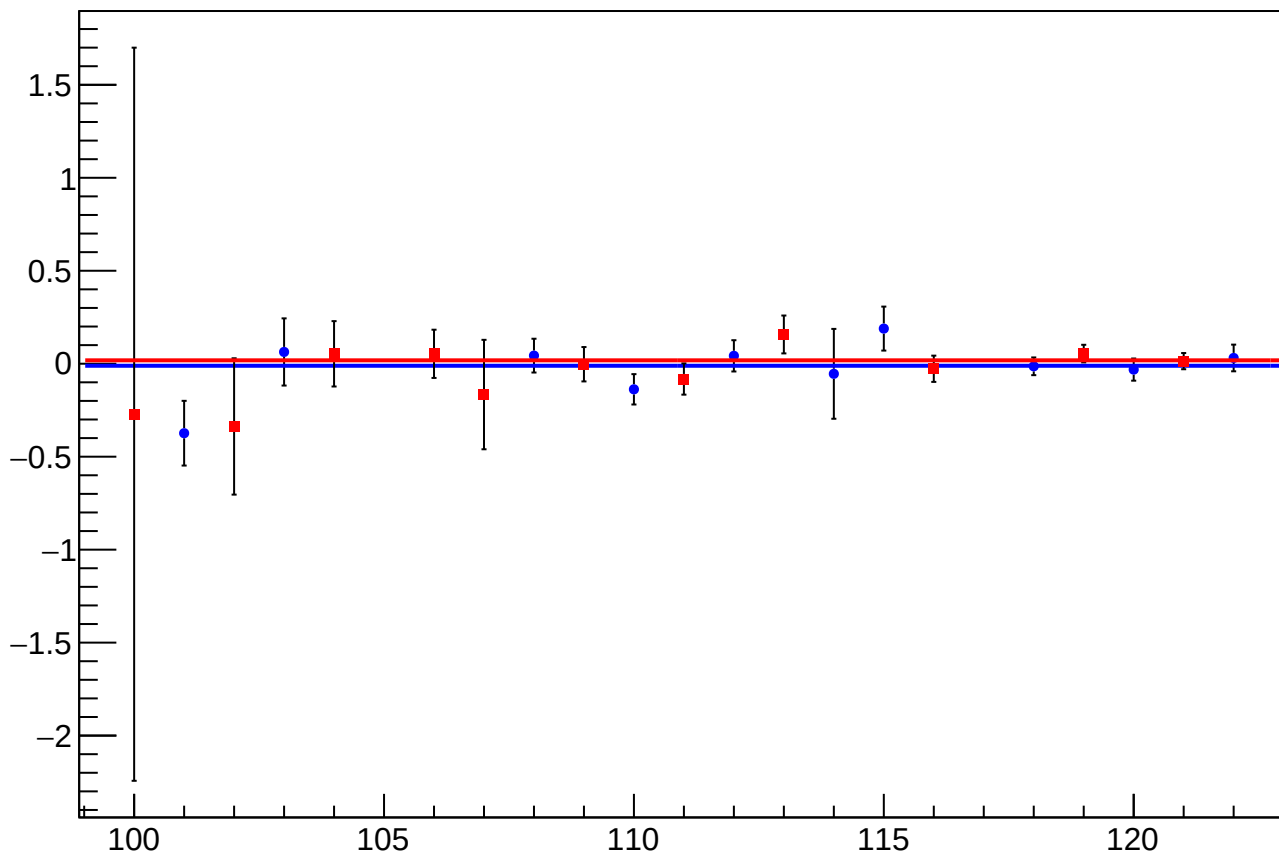
Right: 0.000+/-0.000 χ^2/NDF : 1381413.9/20

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+/-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

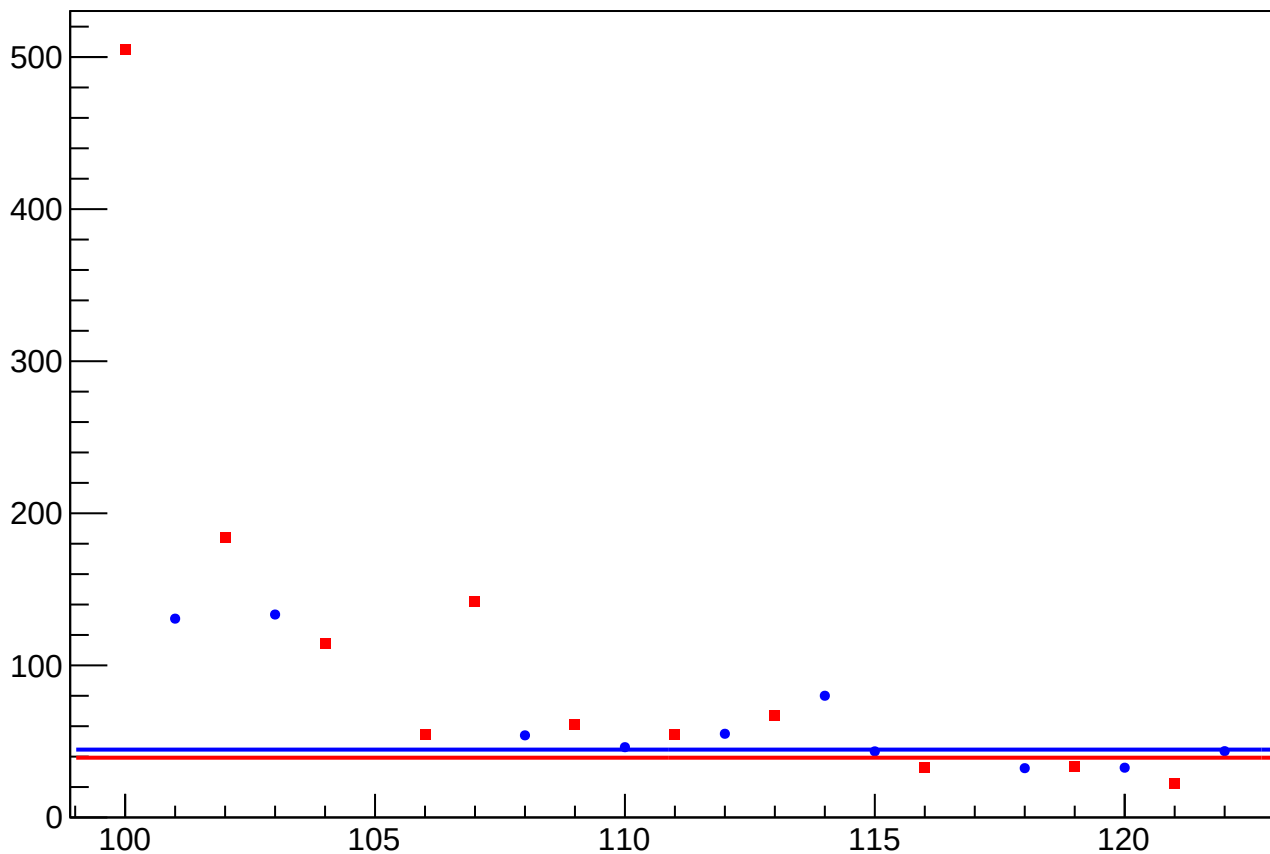
Right: 0.004+/-0.018 χ^2/NDF : 17.5/20

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_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

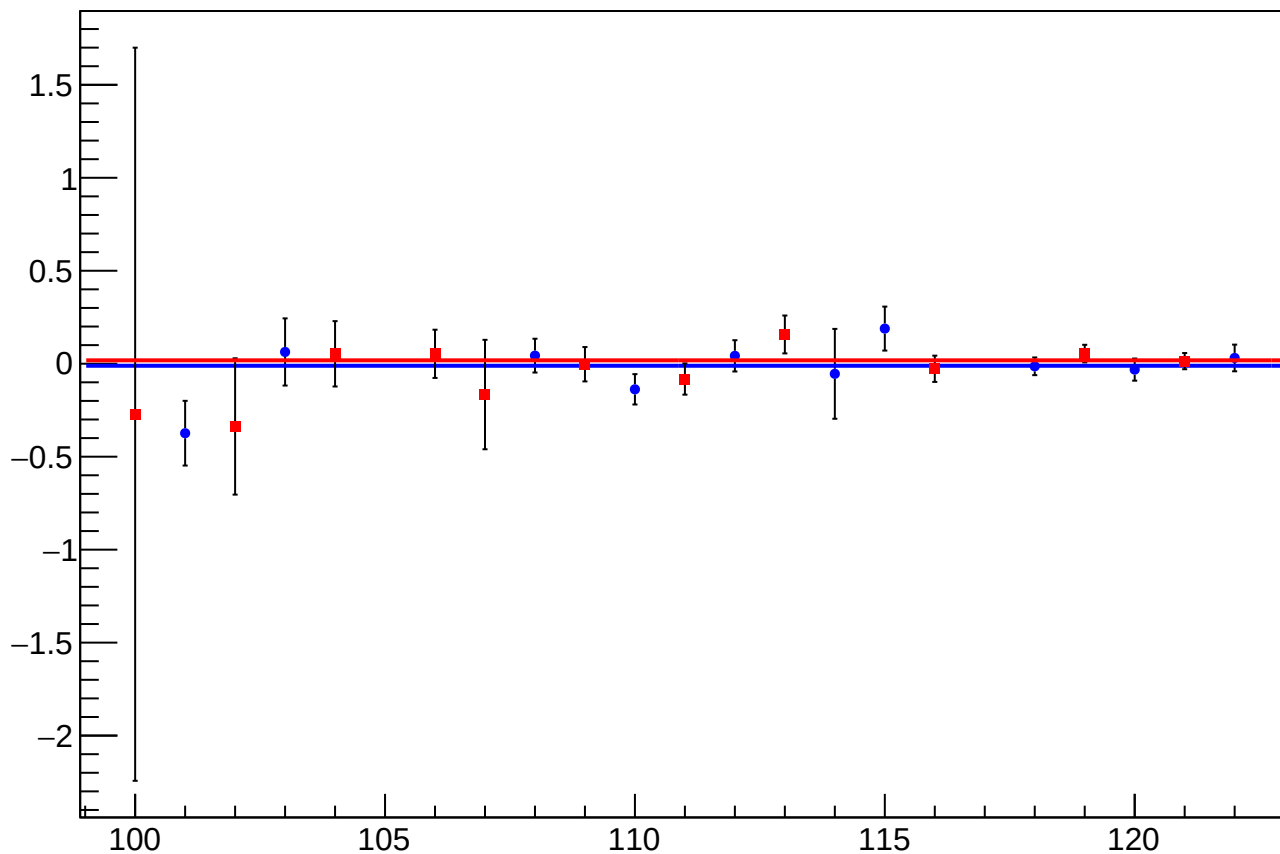
Right: 41.819+/-0.013 χ^2/NDF : 3075798.8/20

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

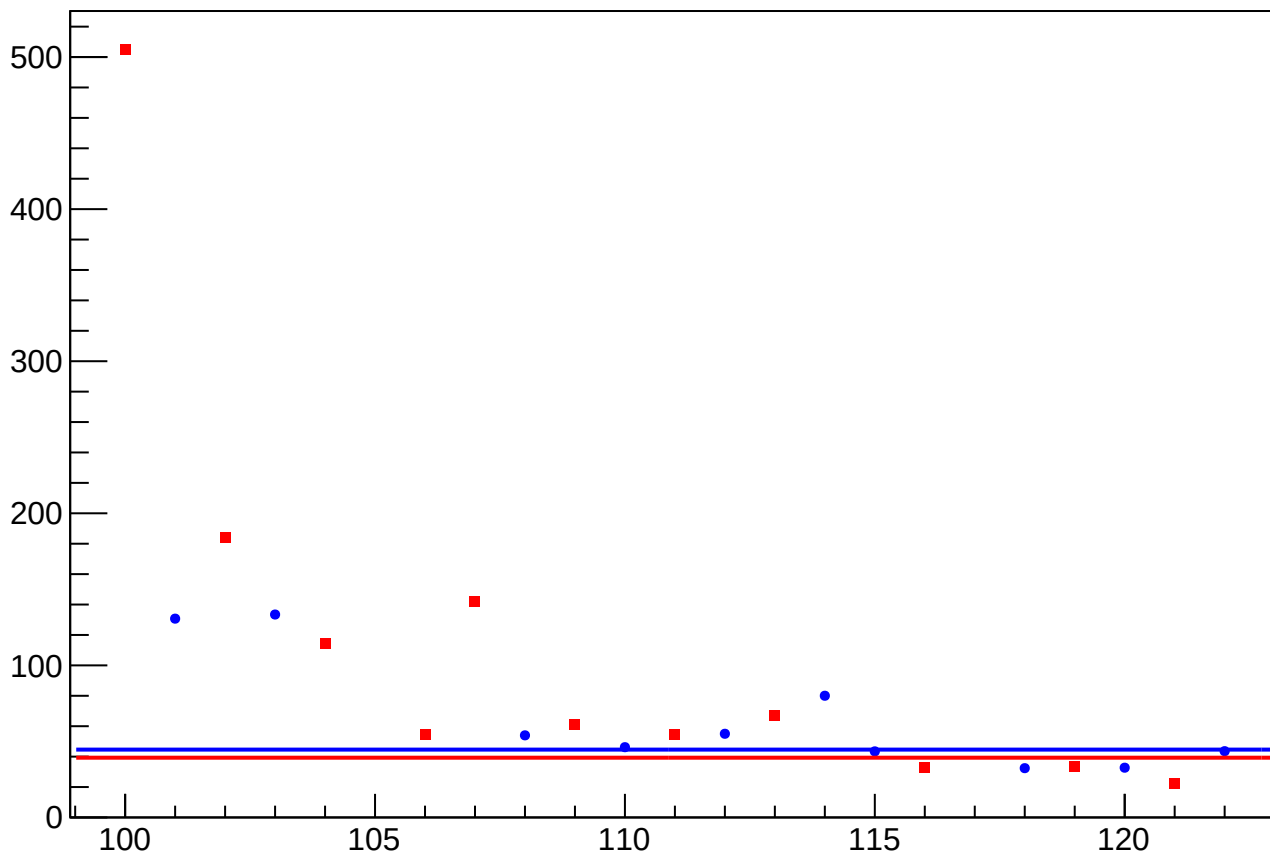
Right: 0.004+/-0.018 χ^2/NDF : 17.5/20

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

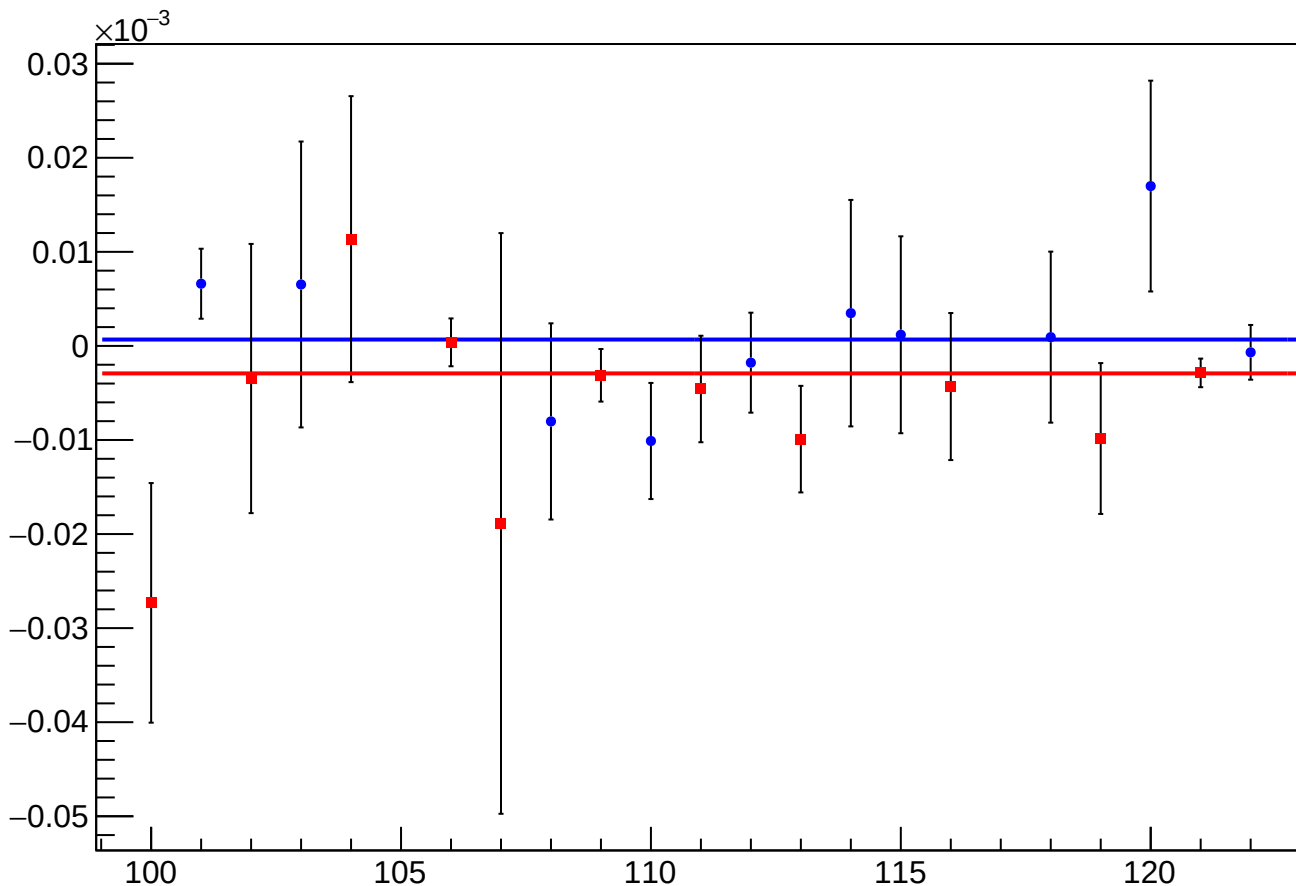
Right: 41.819+/-0.013 χ^2/NDF : 3075798.8/20

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

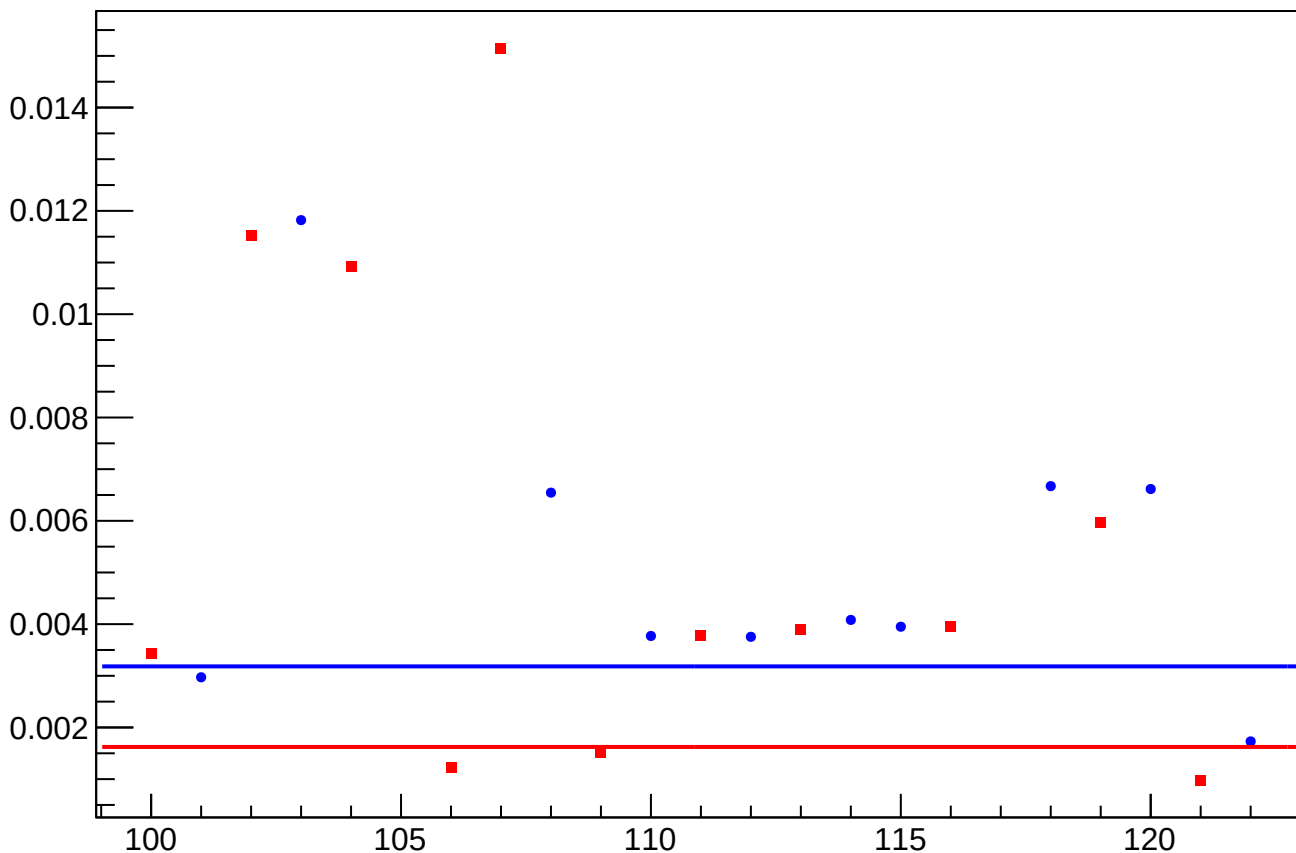
Right: -0.000+/-0.000 χ^2/NDF : 20.8/20

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

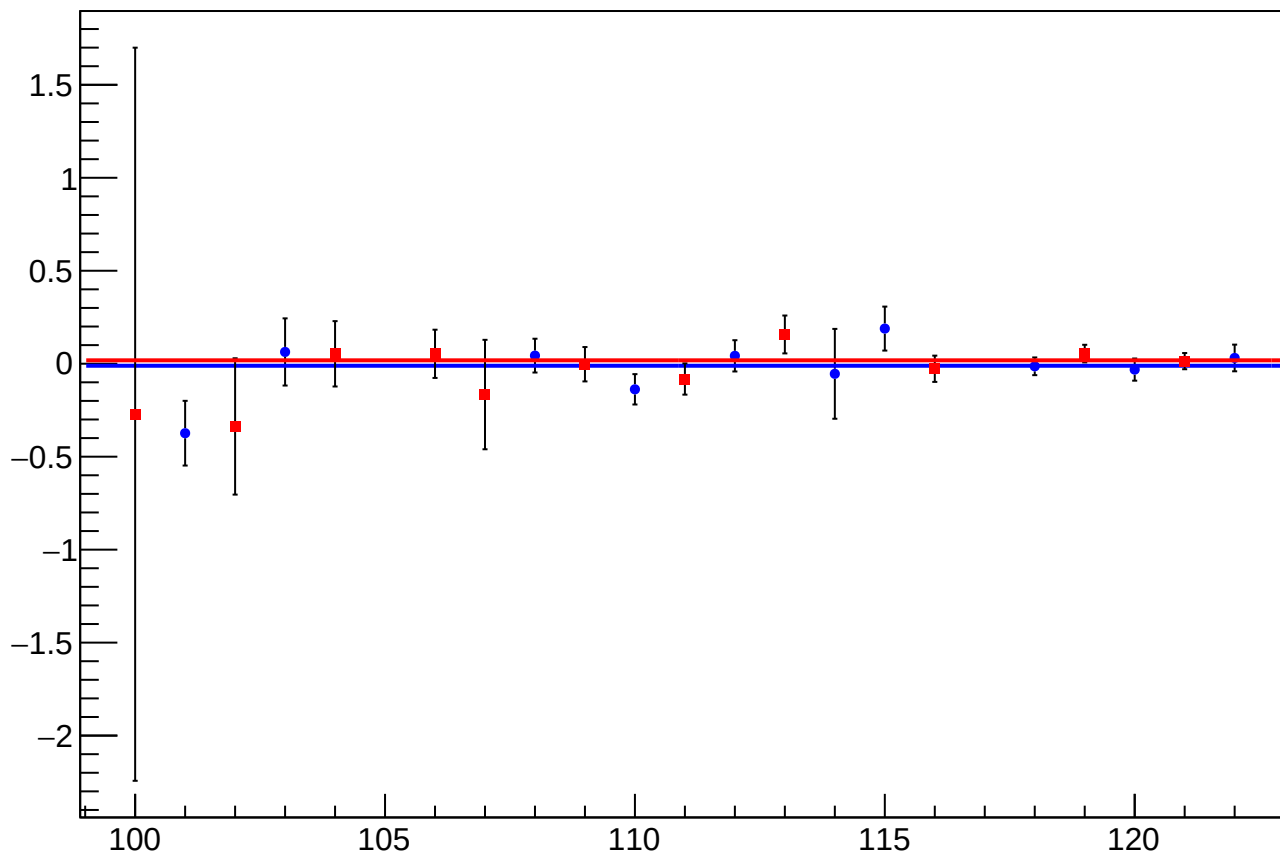
Right: 0.002+/-0.000 χ^2/NDF : 6909132.7/20

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

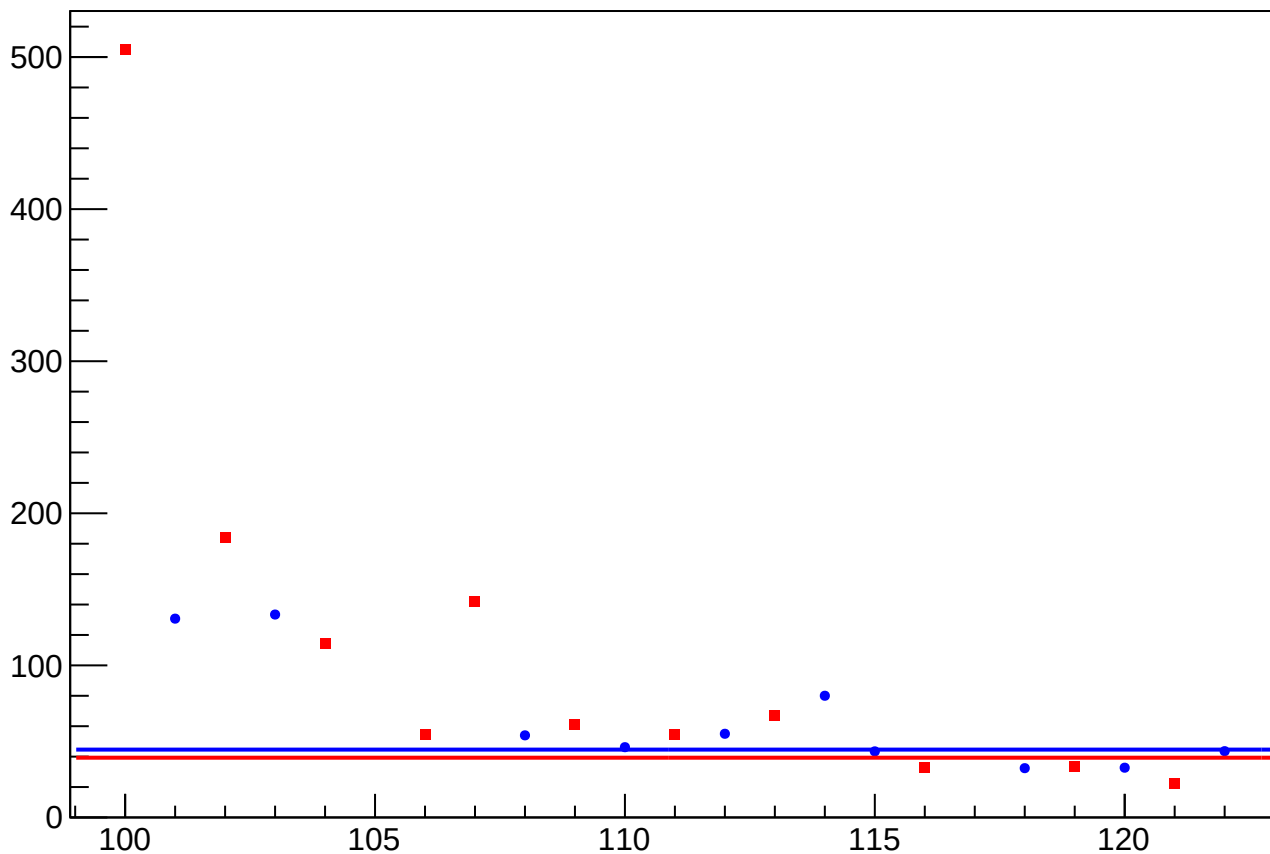
Right: 0.004 $\pm$ 0.018 χ^2 /NDF: 17.5/20

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

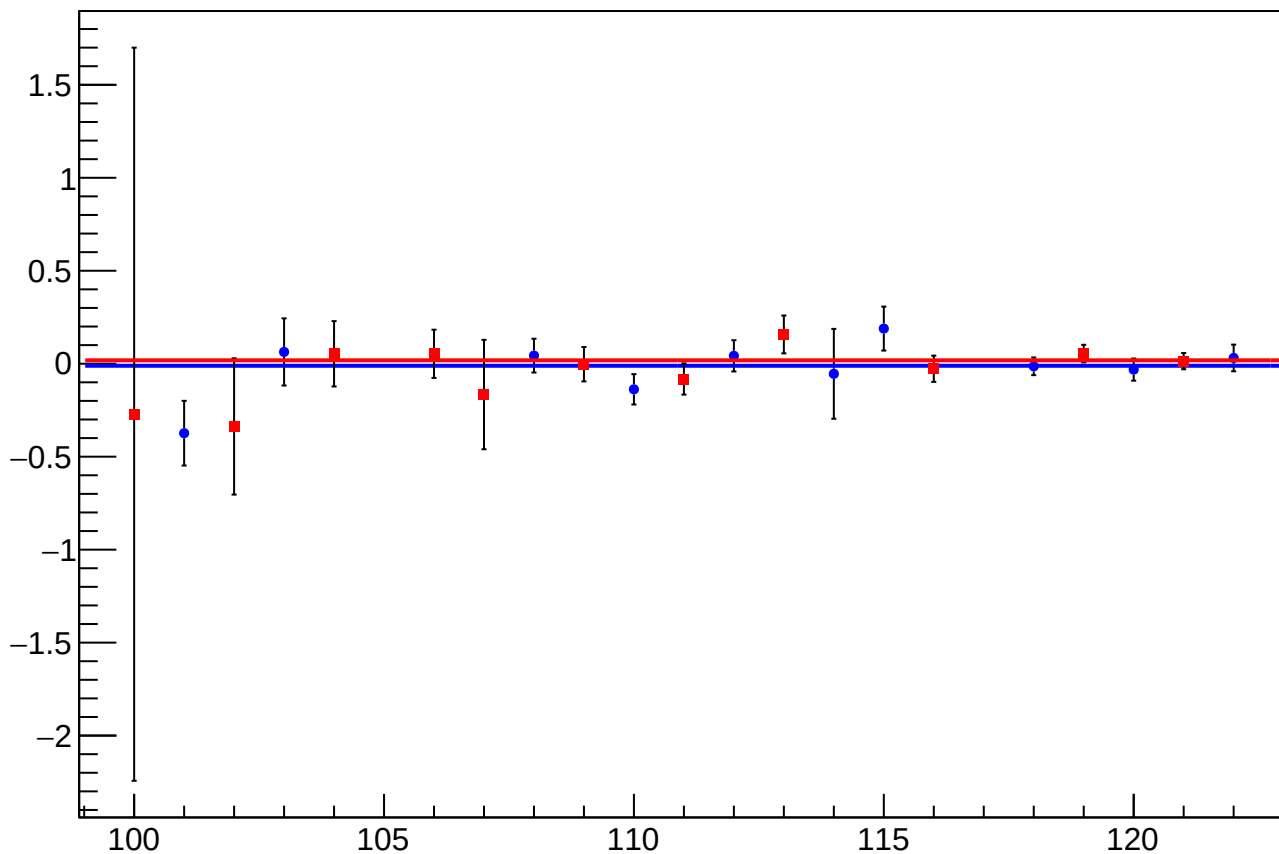
Right: 41.819+/-0.013 χ^2/NDF : 3075630.5/20

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

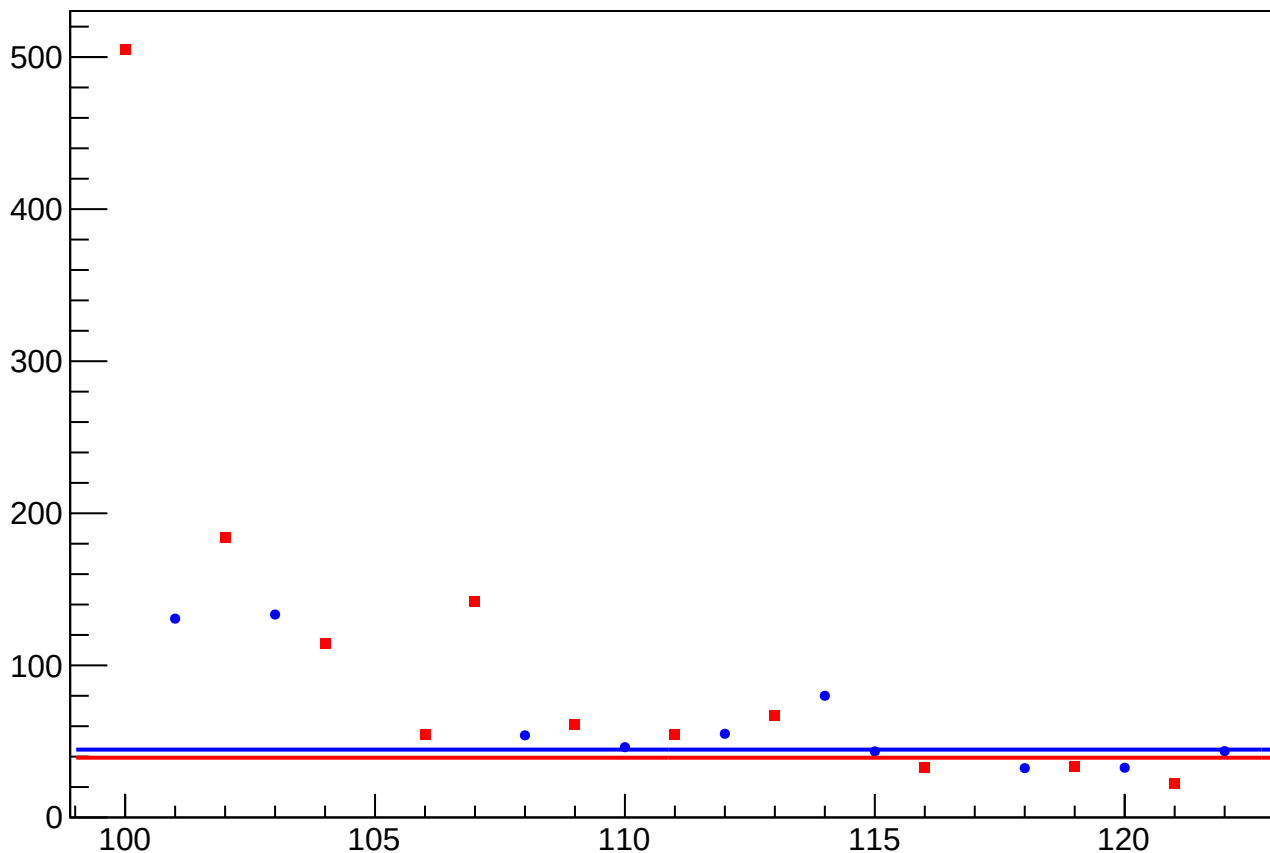
Right: 0.004 $\pm$ 0.018 χ^2 /NDF: 17.5/20

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

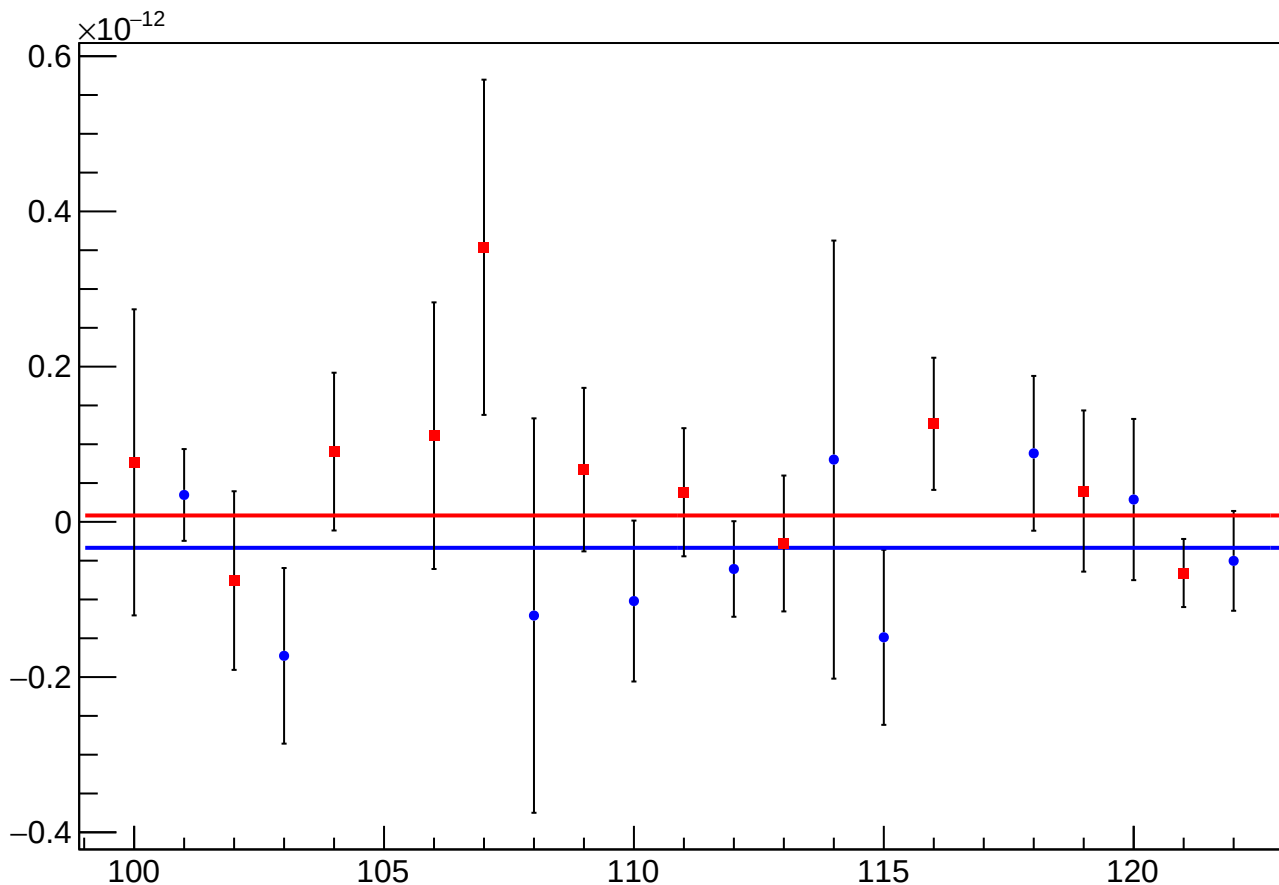
Right: 41.819+/-0.013 χ^2/NDF : 3075630.5/20

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

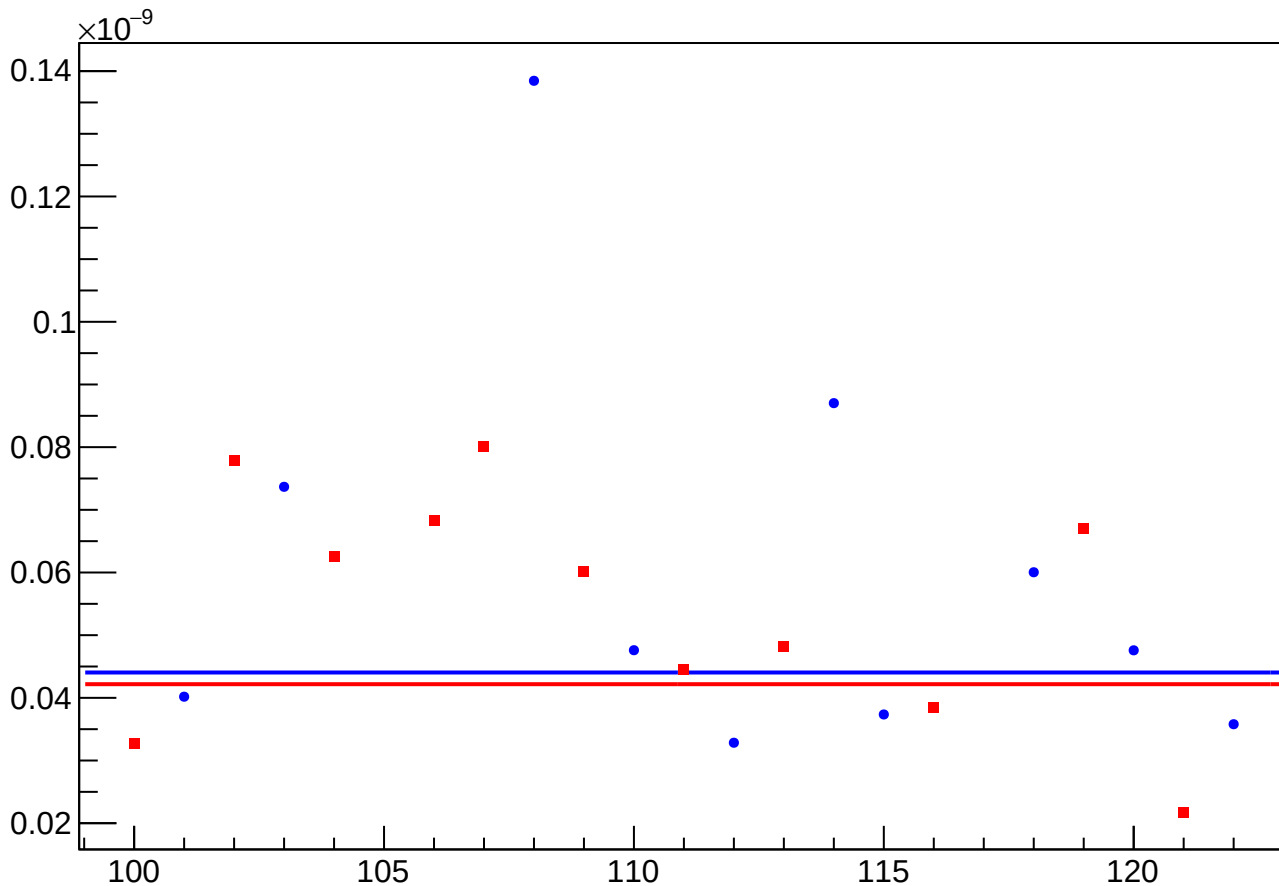
asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

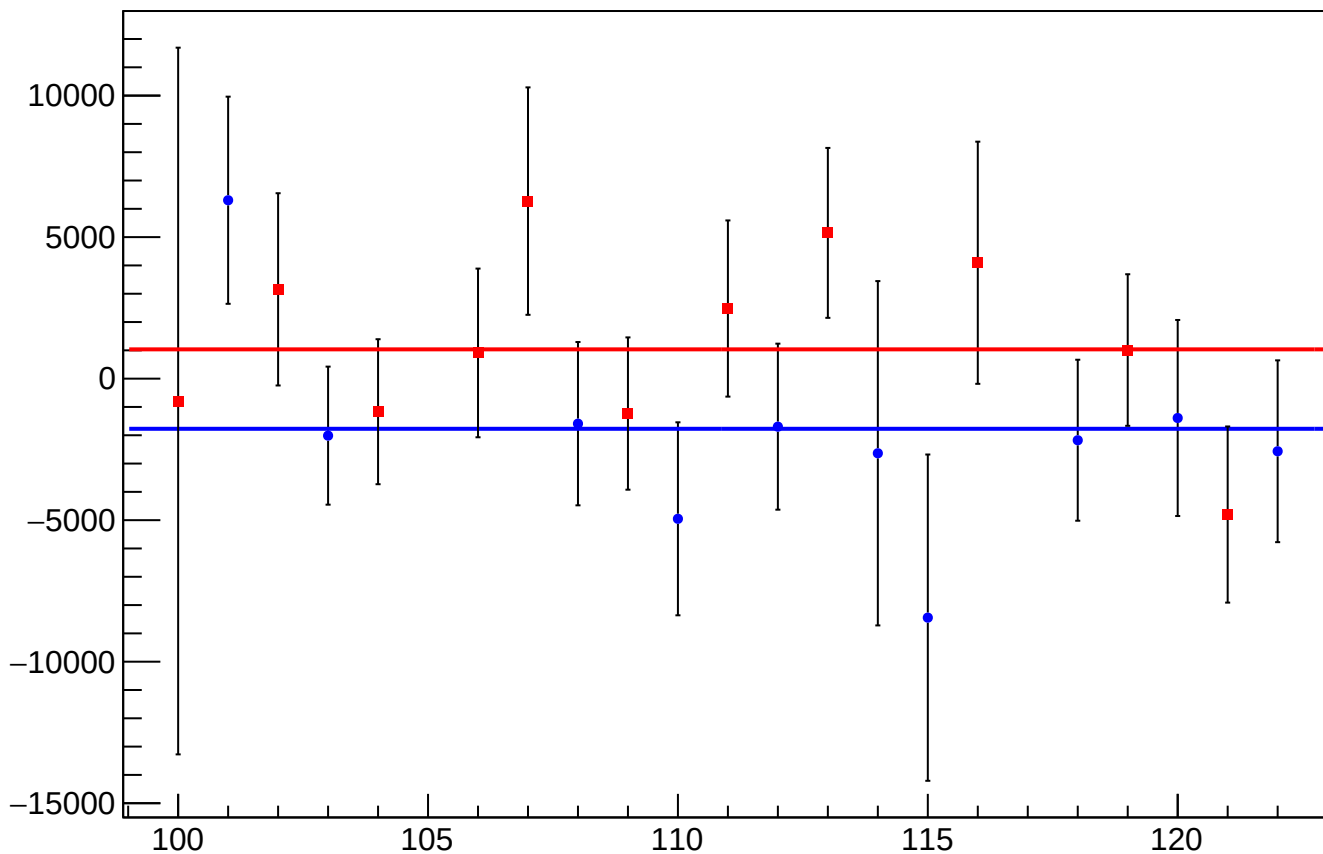
Right: 0.000+/-0.000 χ^2/NDF : 1642923.2/20

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

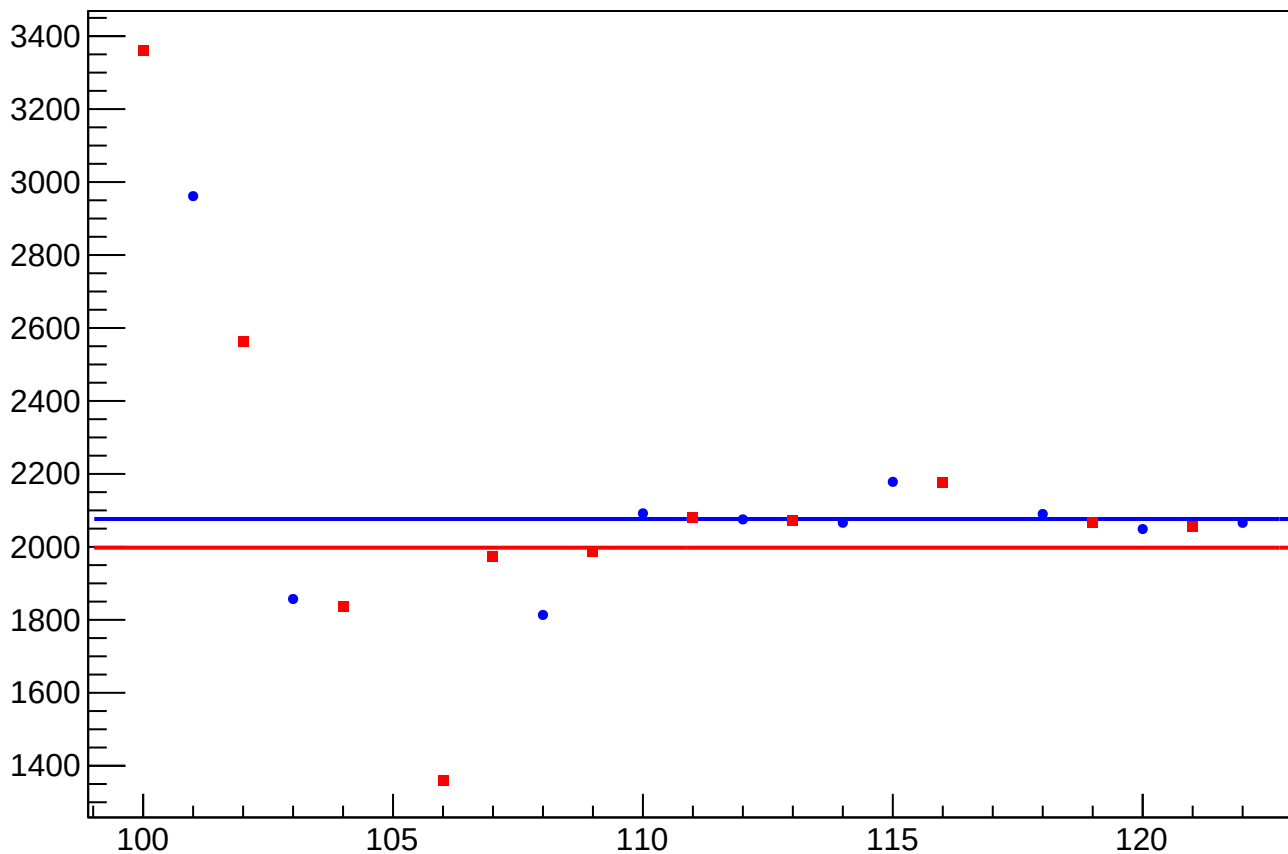
Right: -267.582+/-707.768 χ^2/NDF : 20.8/20

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

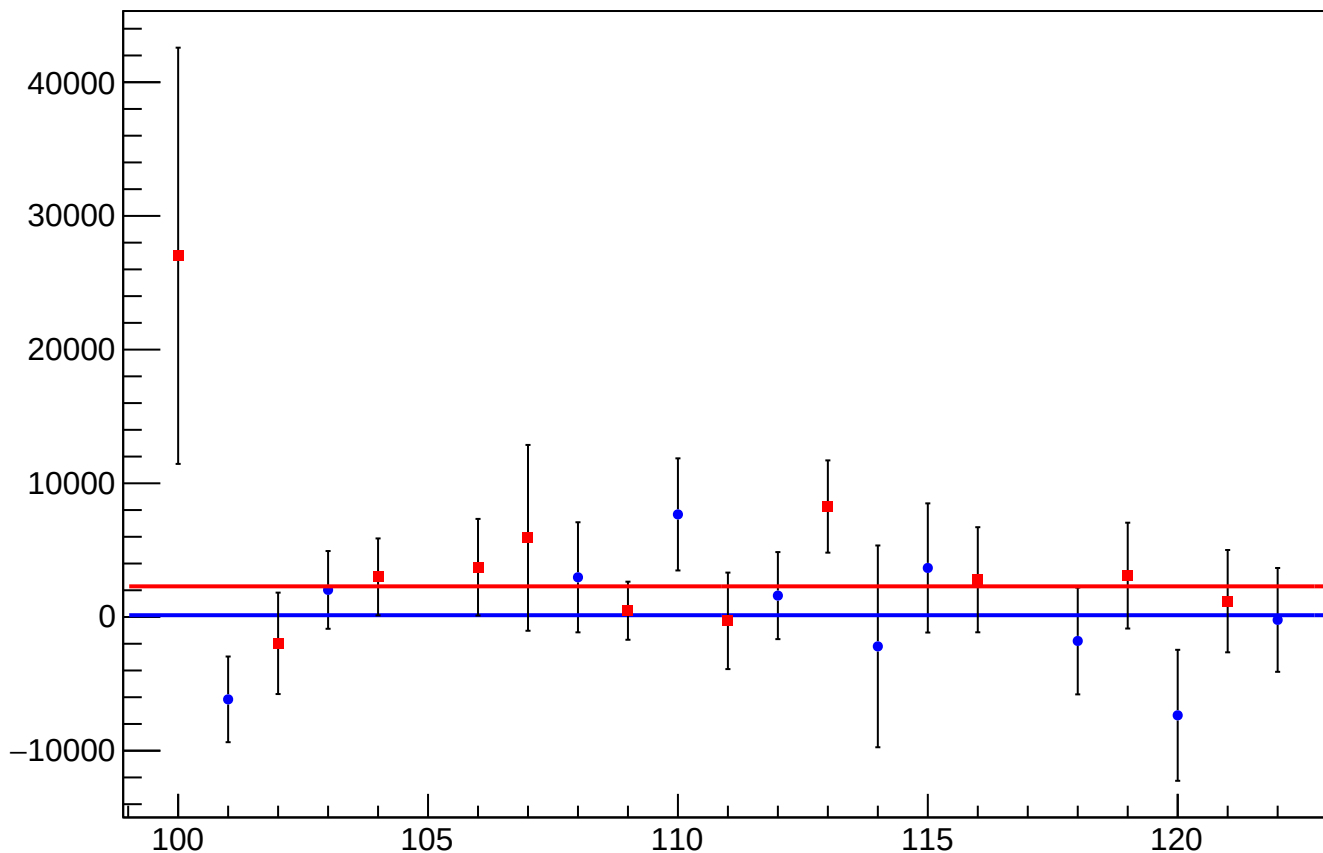
Right: 2034.280+/-0.500 χ^2/NDF : 343317.2/20

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

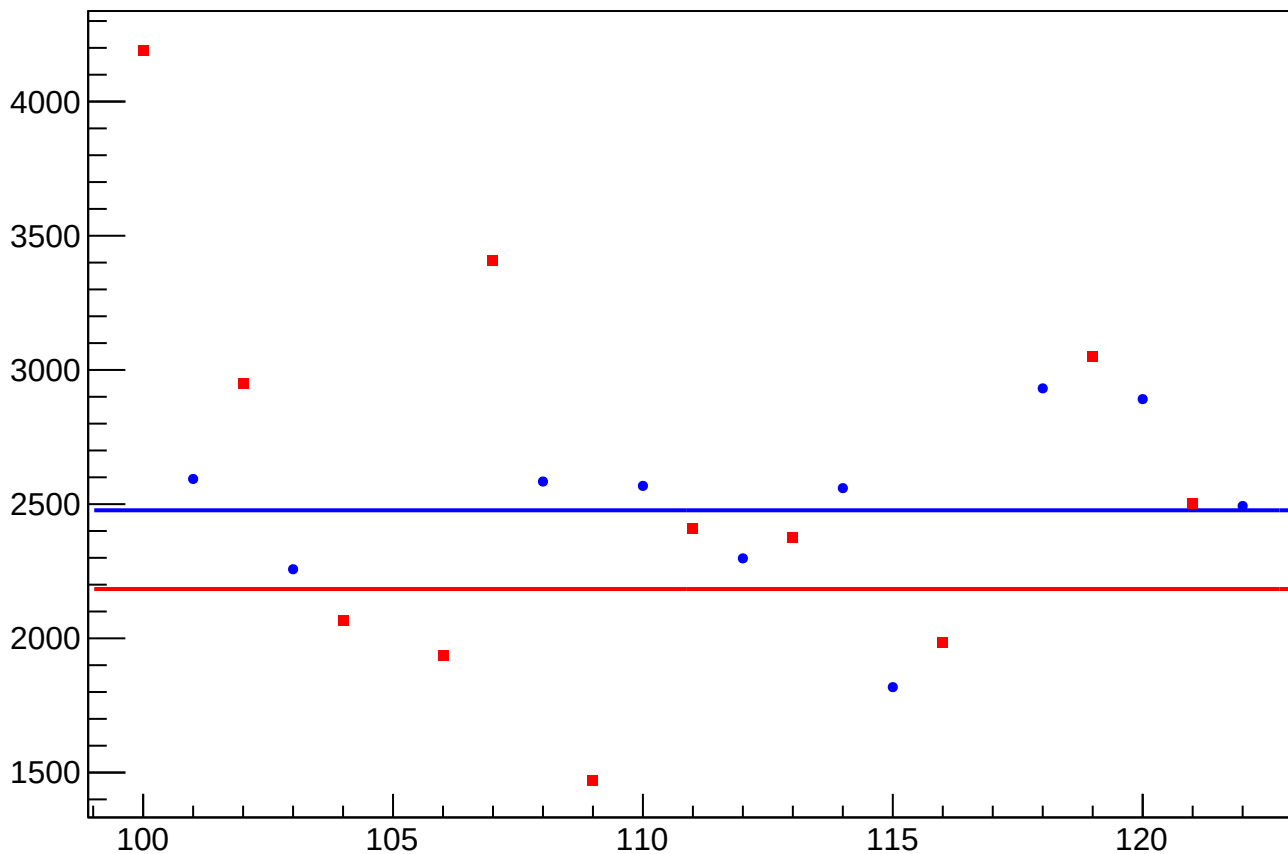
Right: 1359.027+/-811.521 χ^2/NDF : 21.8/20

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

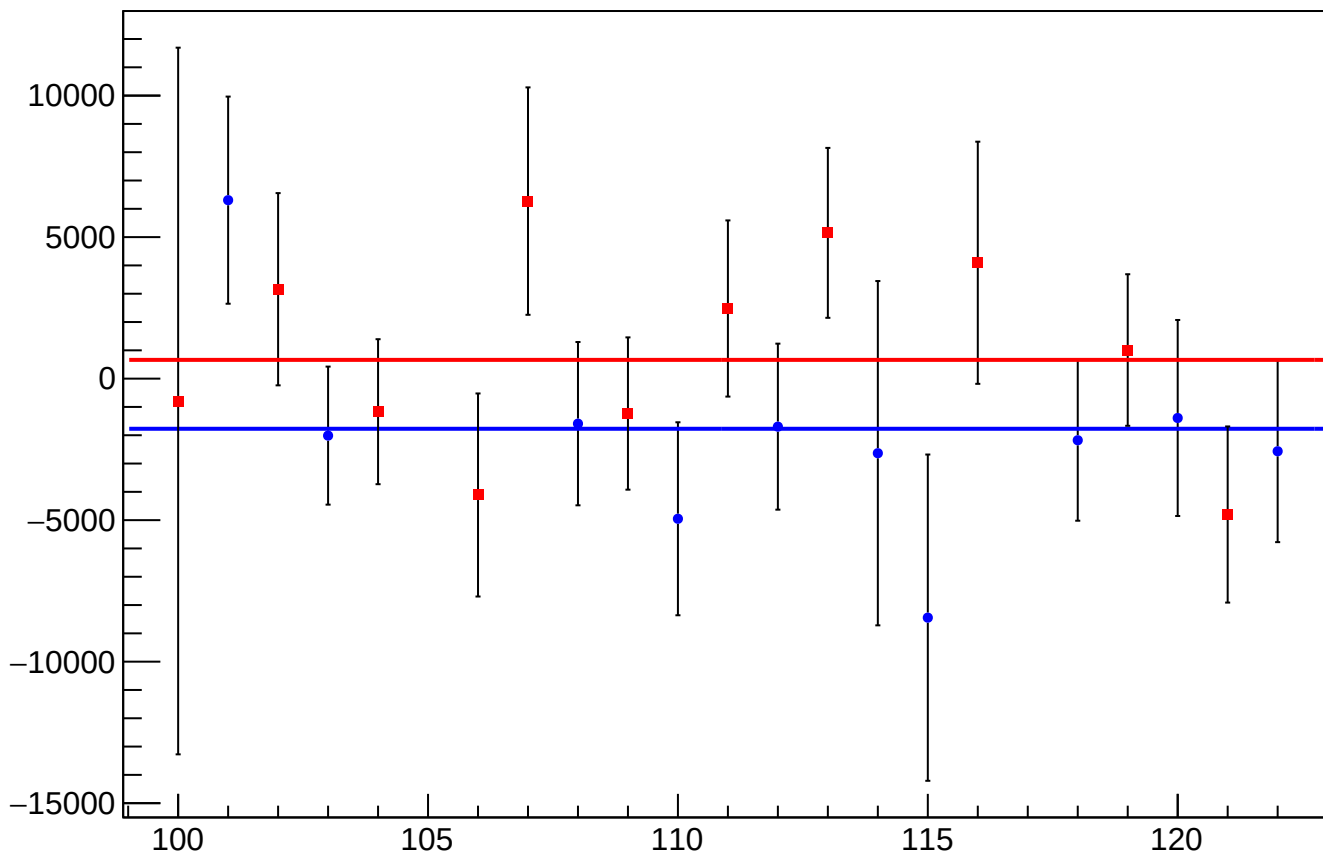
Right: 2310.704+/-0.574 χ^2/NDF : 698137.6/20

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

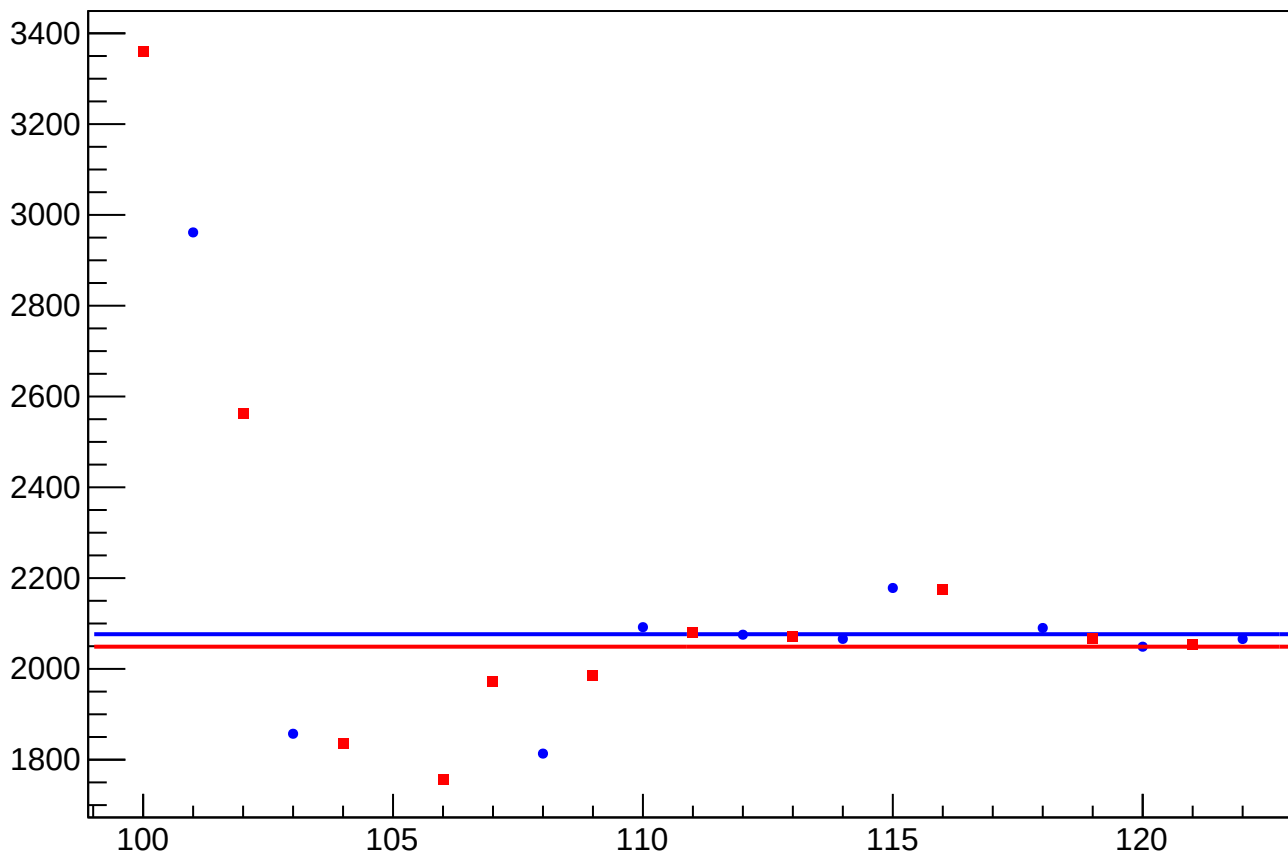
Right: -487.086+/-714.038 χ^2/NDF : 21.7/20

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

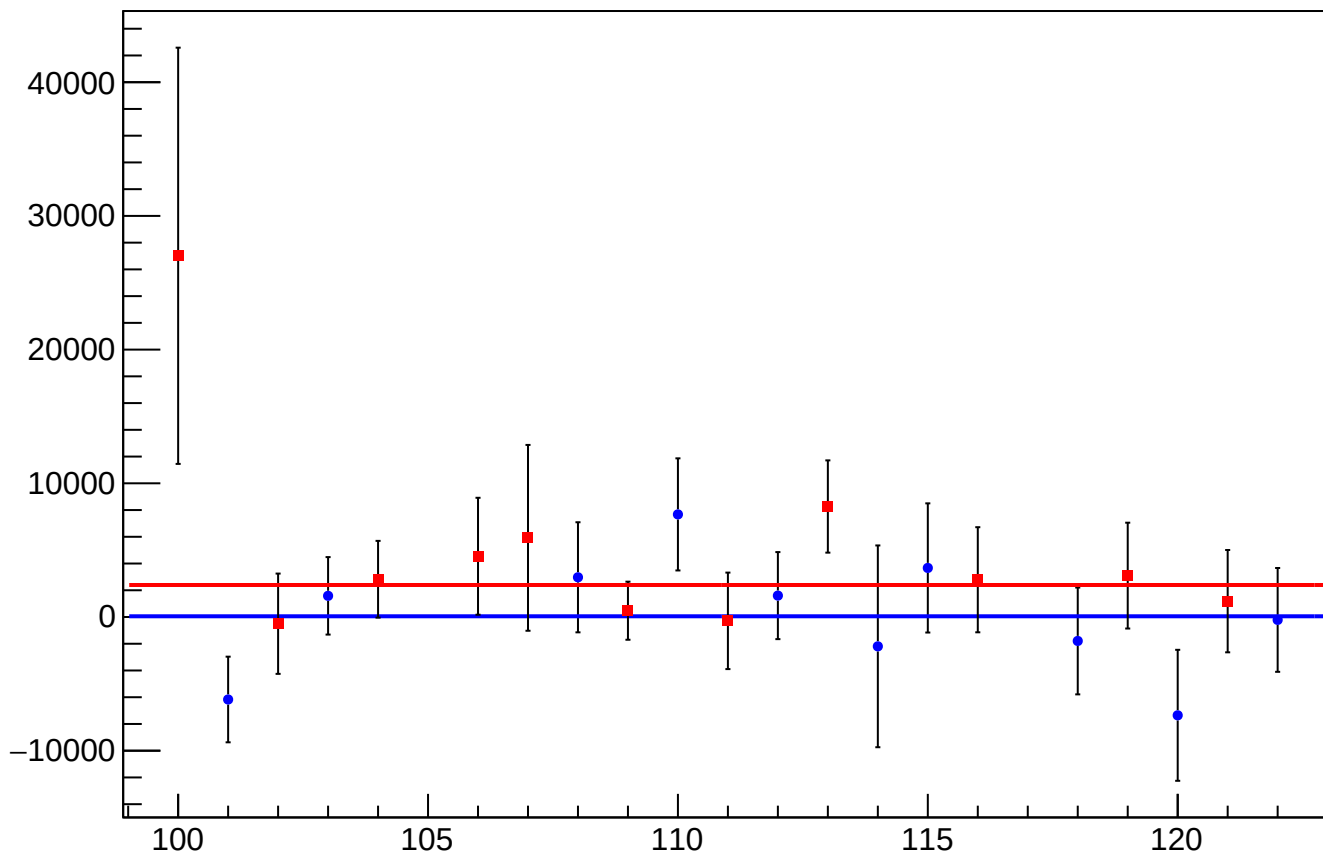
Right: 2061.921+/-0.505 χ^2/NDF : 250217.5/20

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

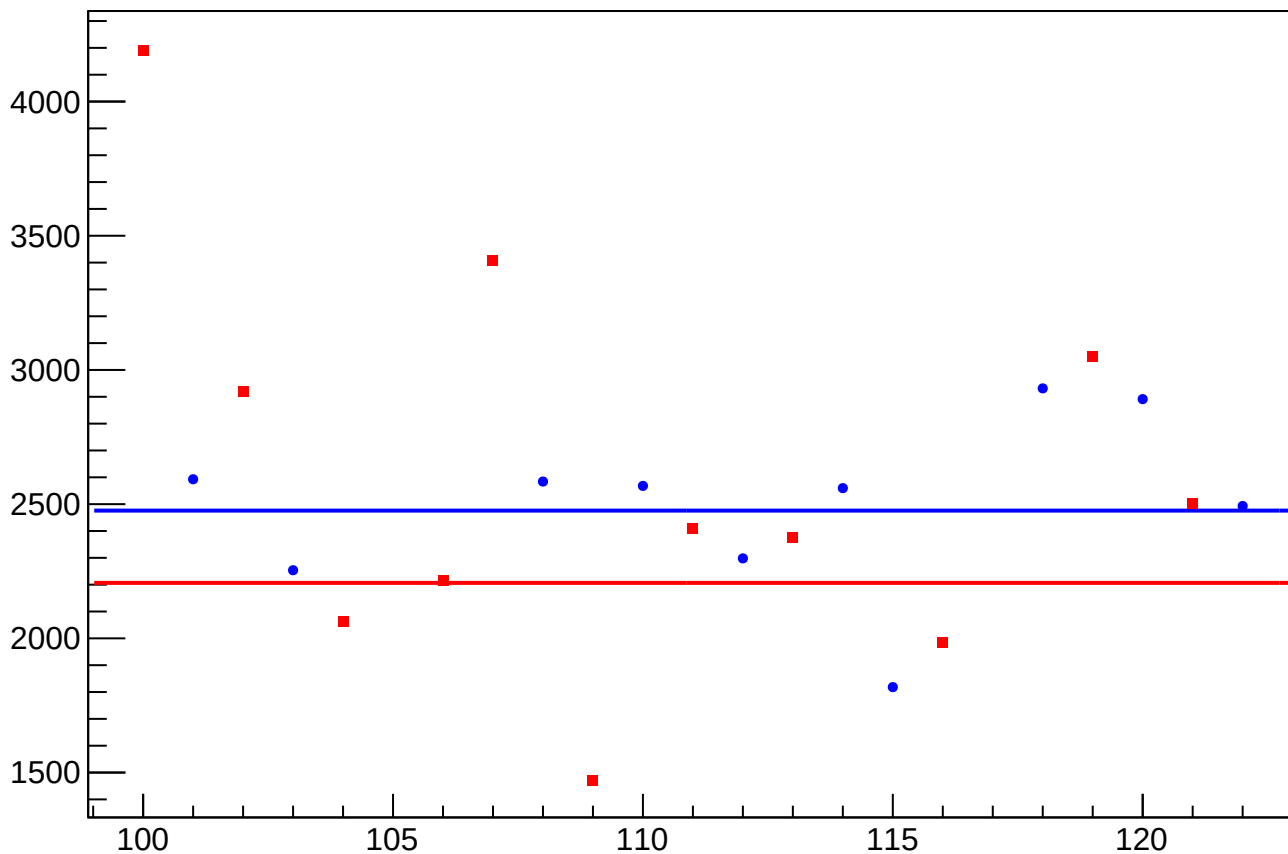
Right: 1365.905+/-817.256 χ^2/NDF : 21.3/20

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

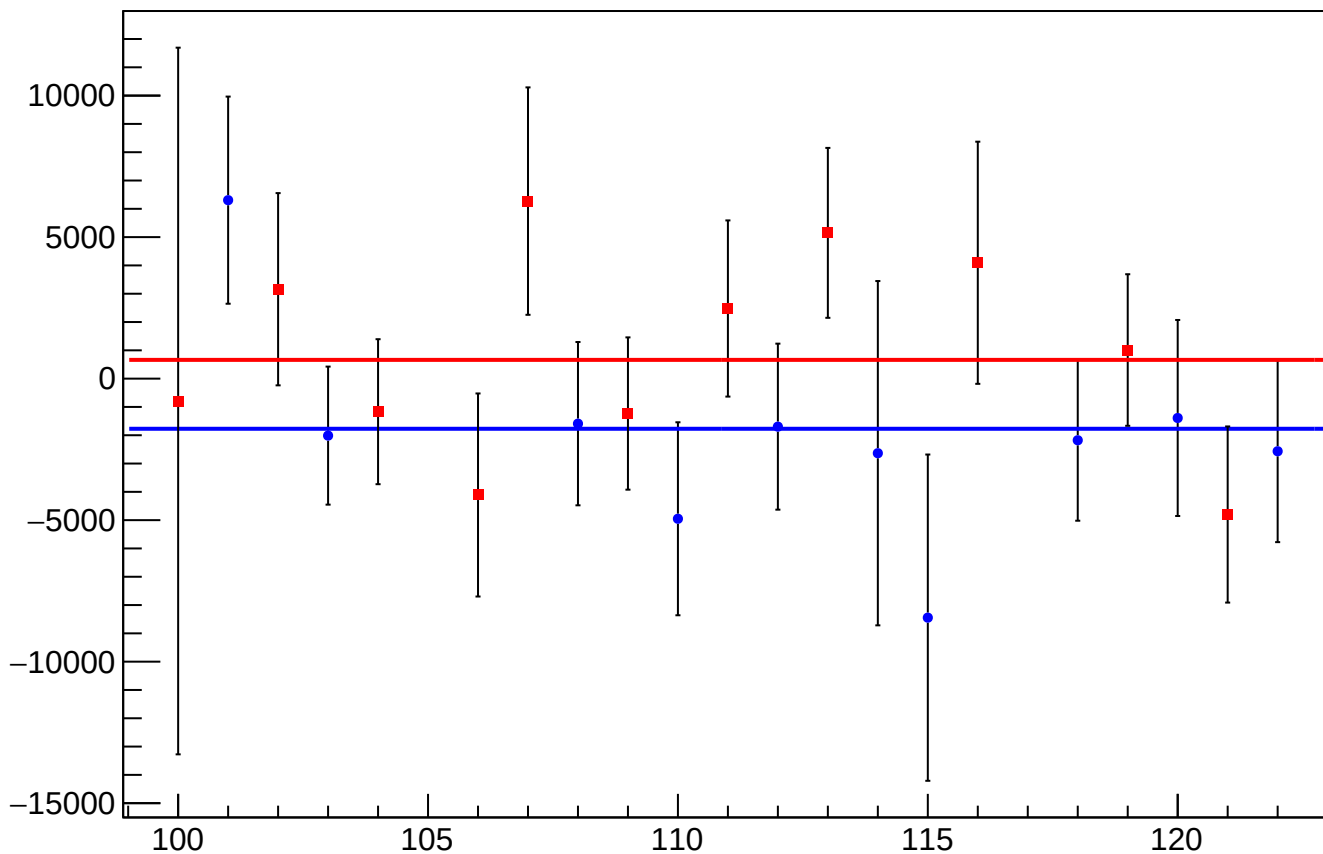
Right: 2324.998+/-0.578 χ^2/NDF : 673662.6/20

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

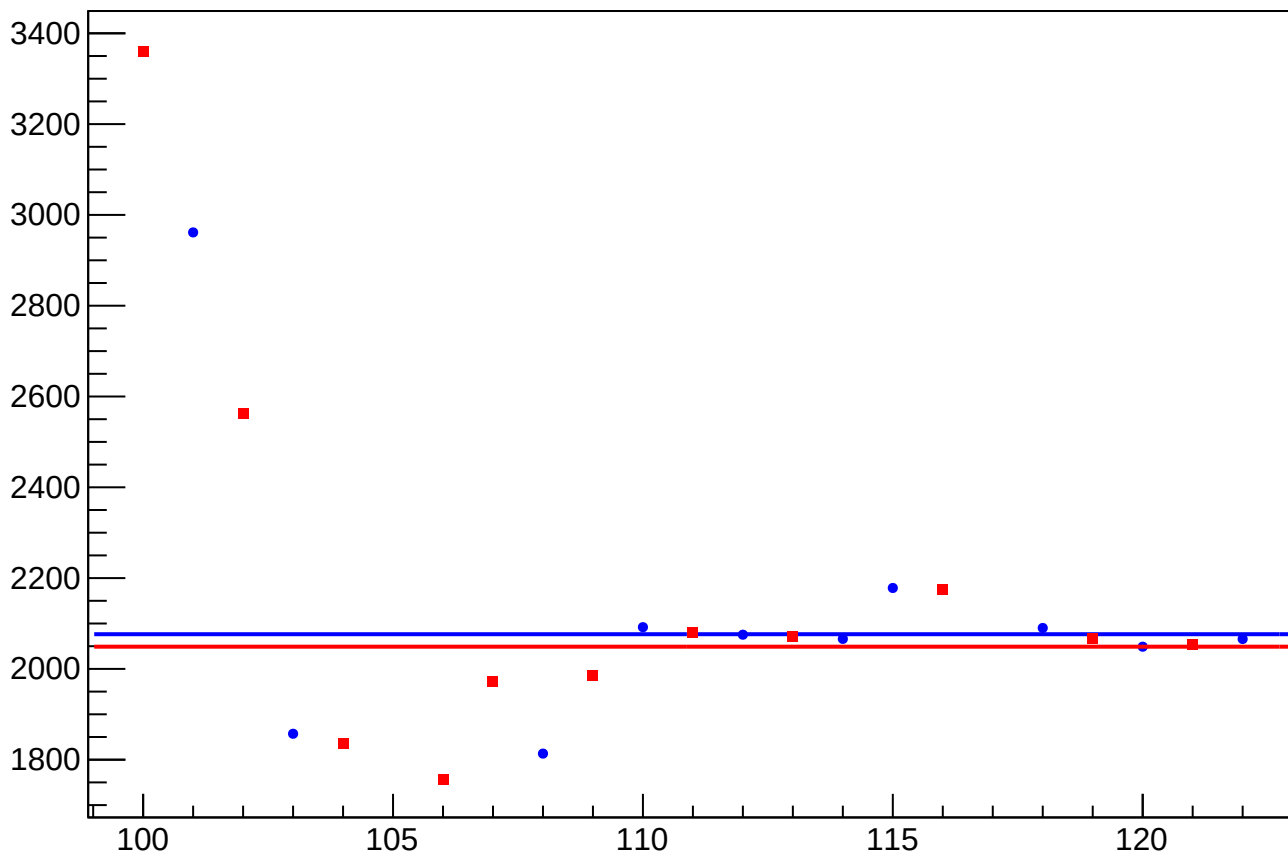
Right: -487.086+/-714.038 χ^2/NDF : 21.7/20

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

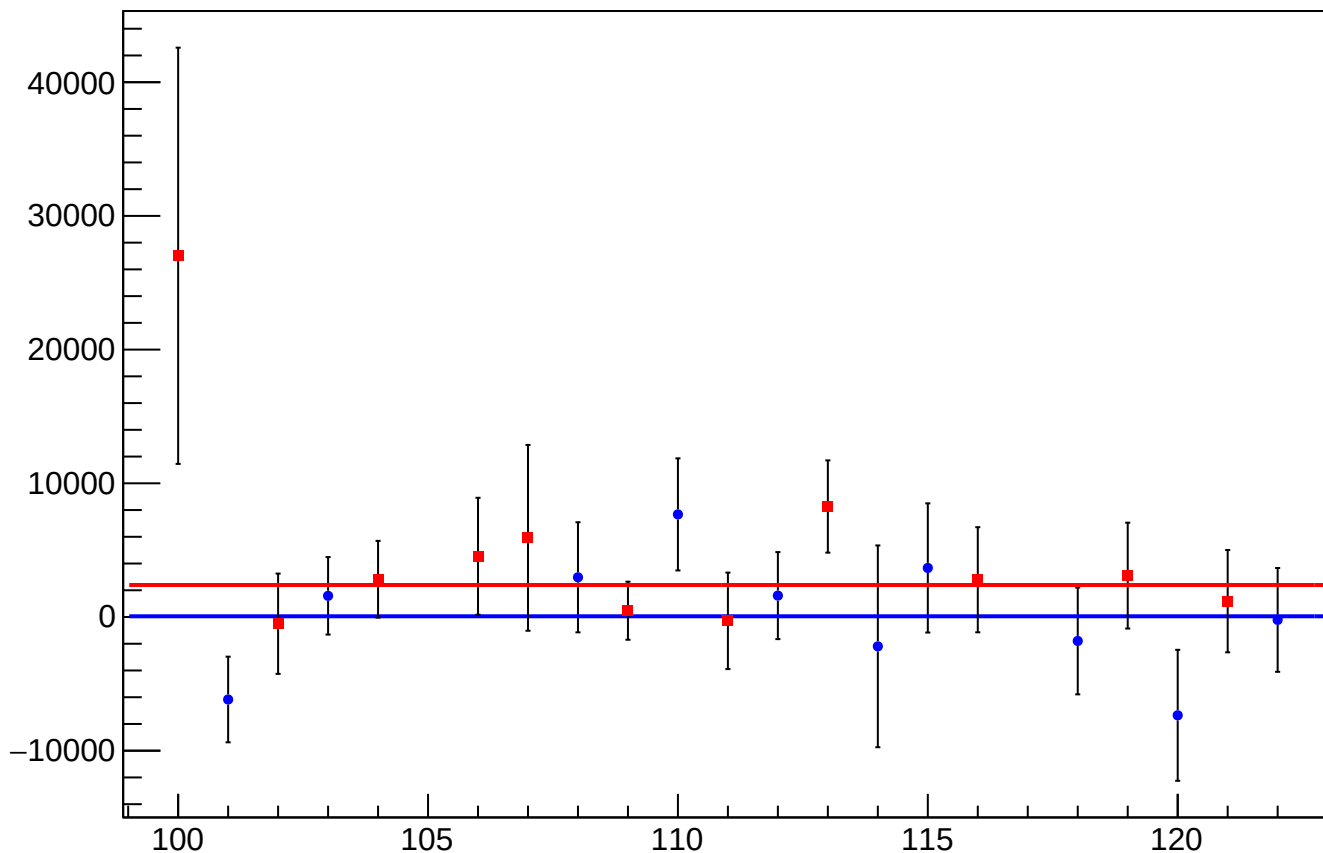
Right: 2061.921+/-0.505 χ^2/NDF : 250217.5/20

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

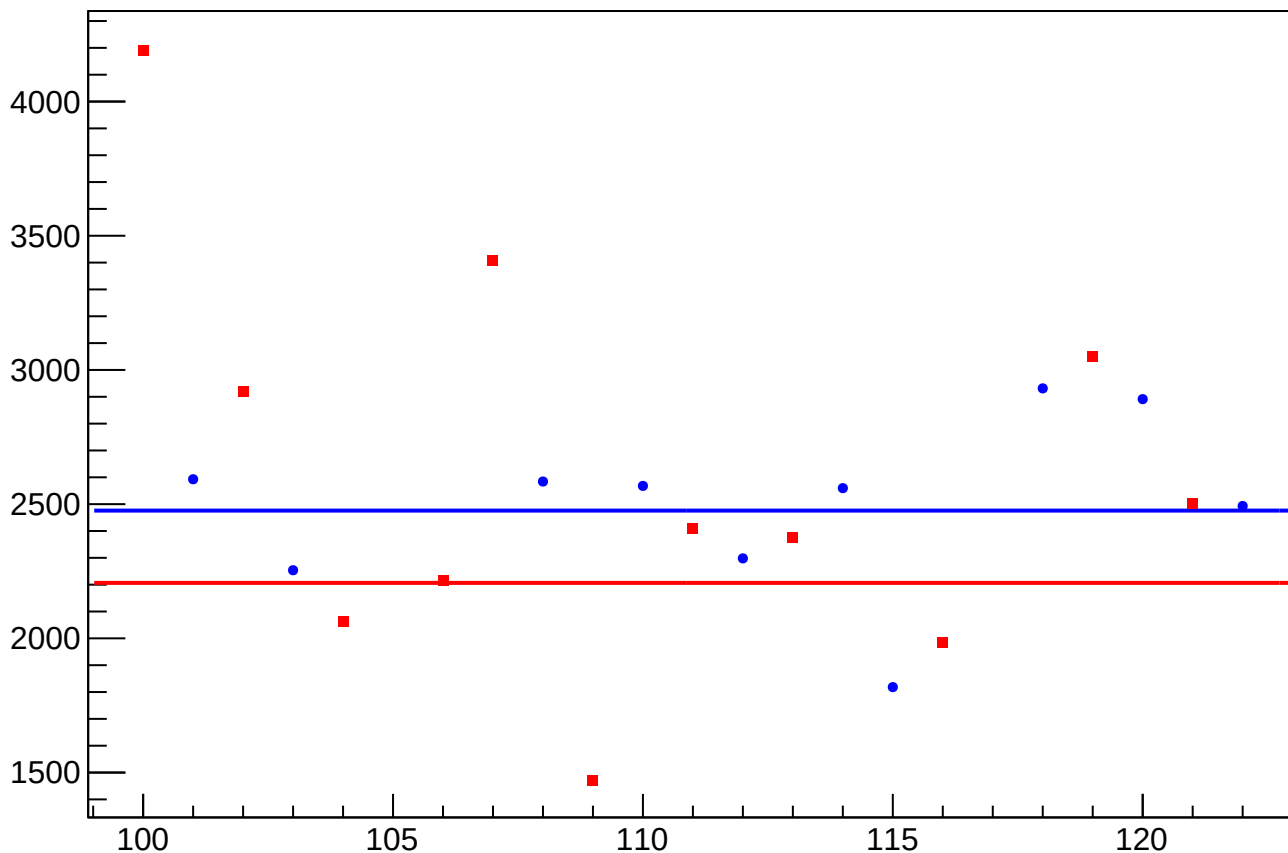
Right: 1365.905+/-817.256 χ^2/NDF : 21.3/20

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

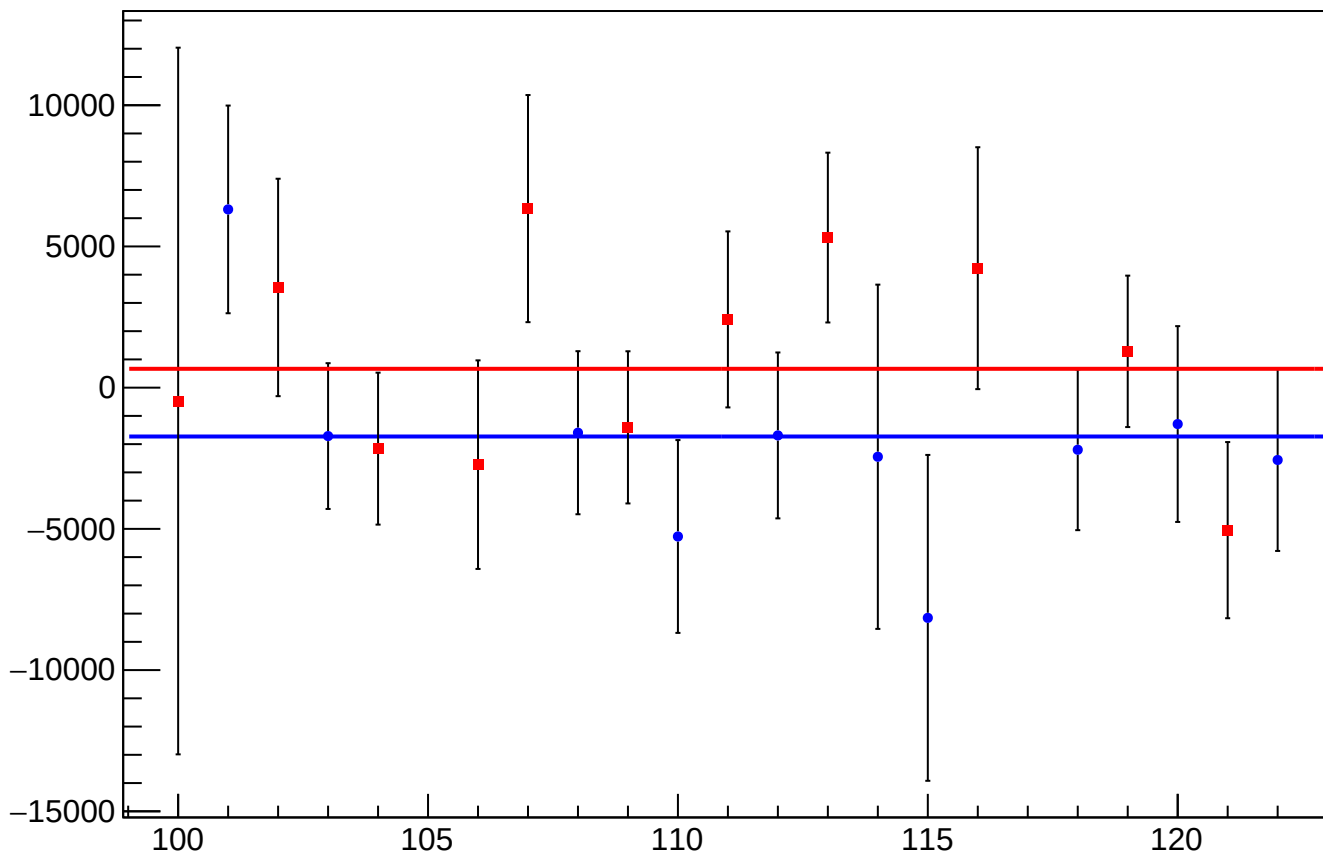
Right: 2324.998+/-0.578 χ^2/NDF : 673662.6/20

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

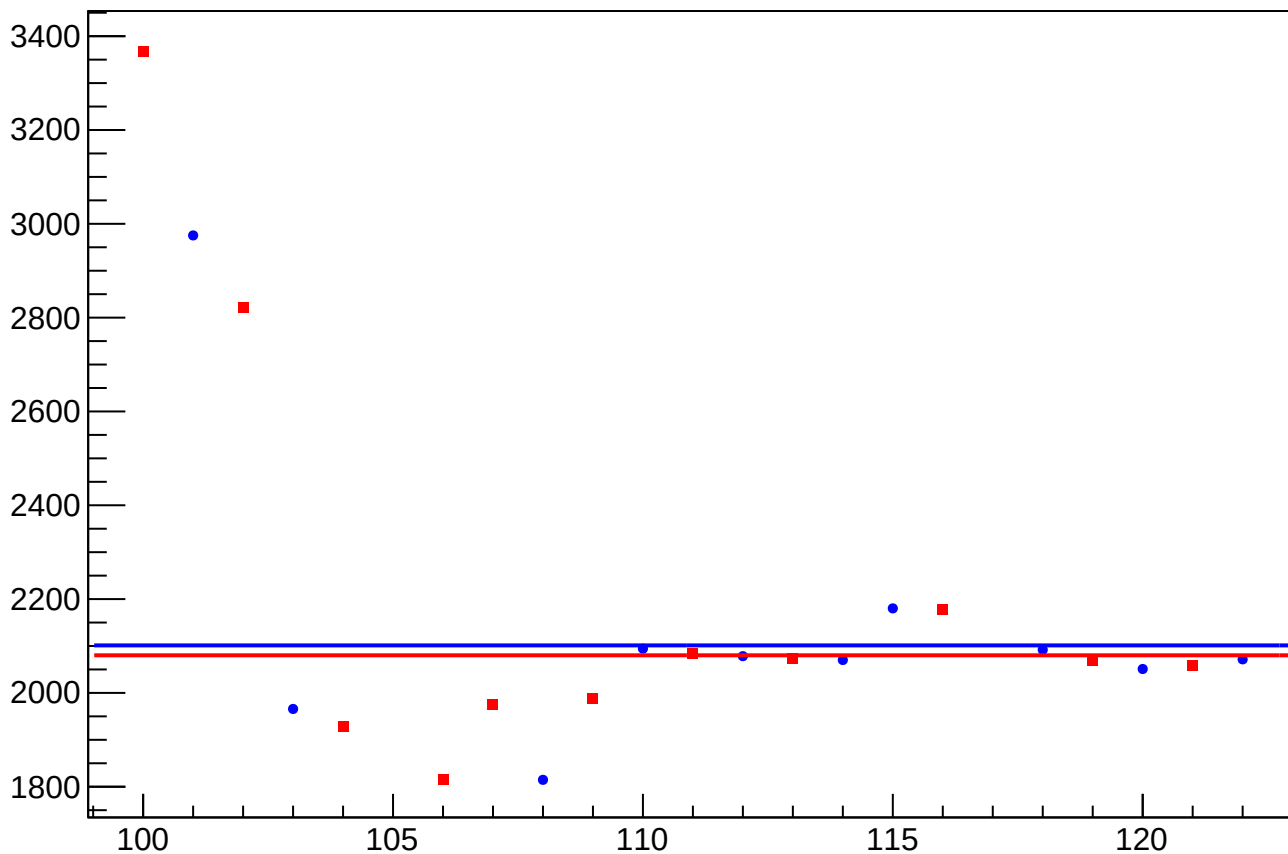
Right: -474.715+/-725.276 χ^2/NDF : 21.9/20

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

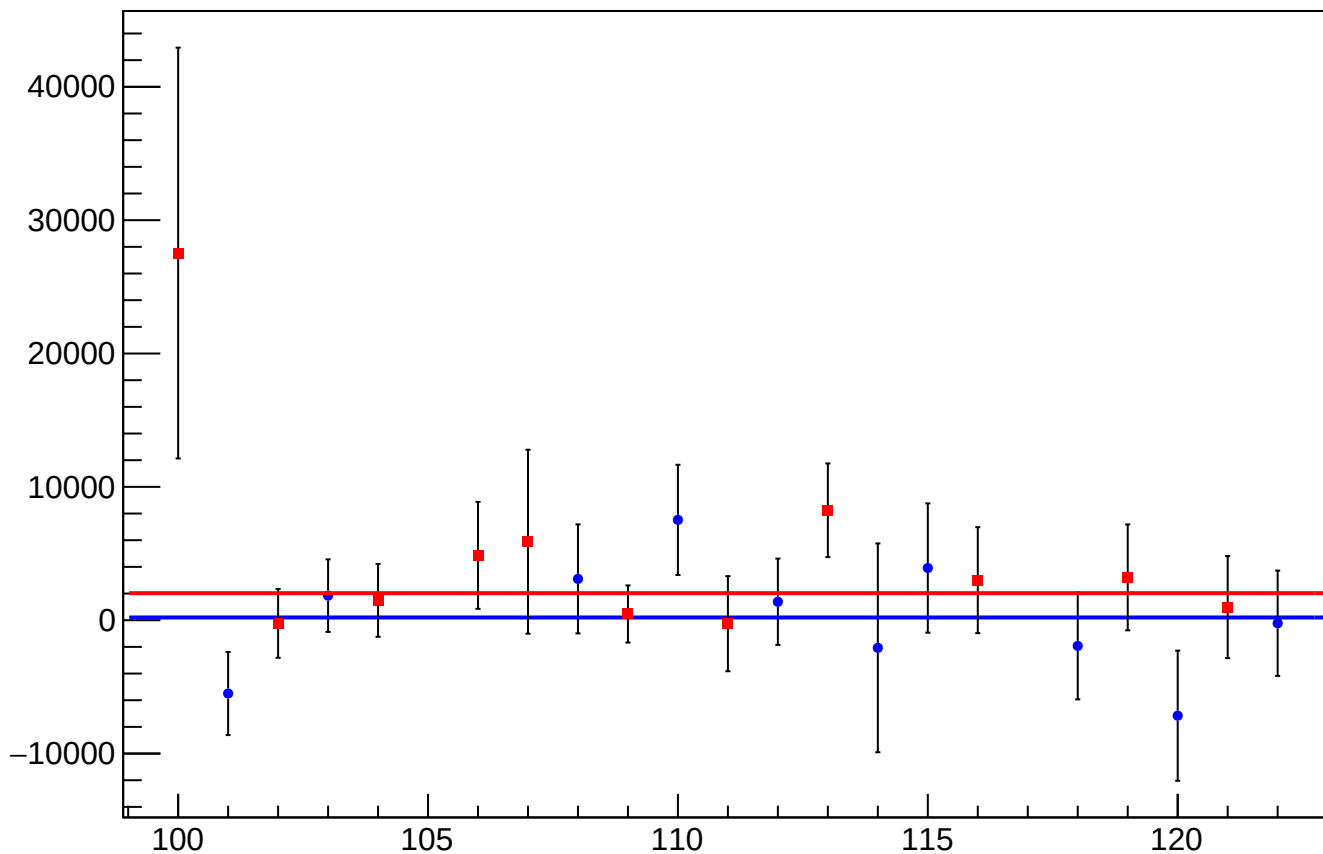
Right: 2090.226+/-0.513 χ^2/NDF : 256608.2/20

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

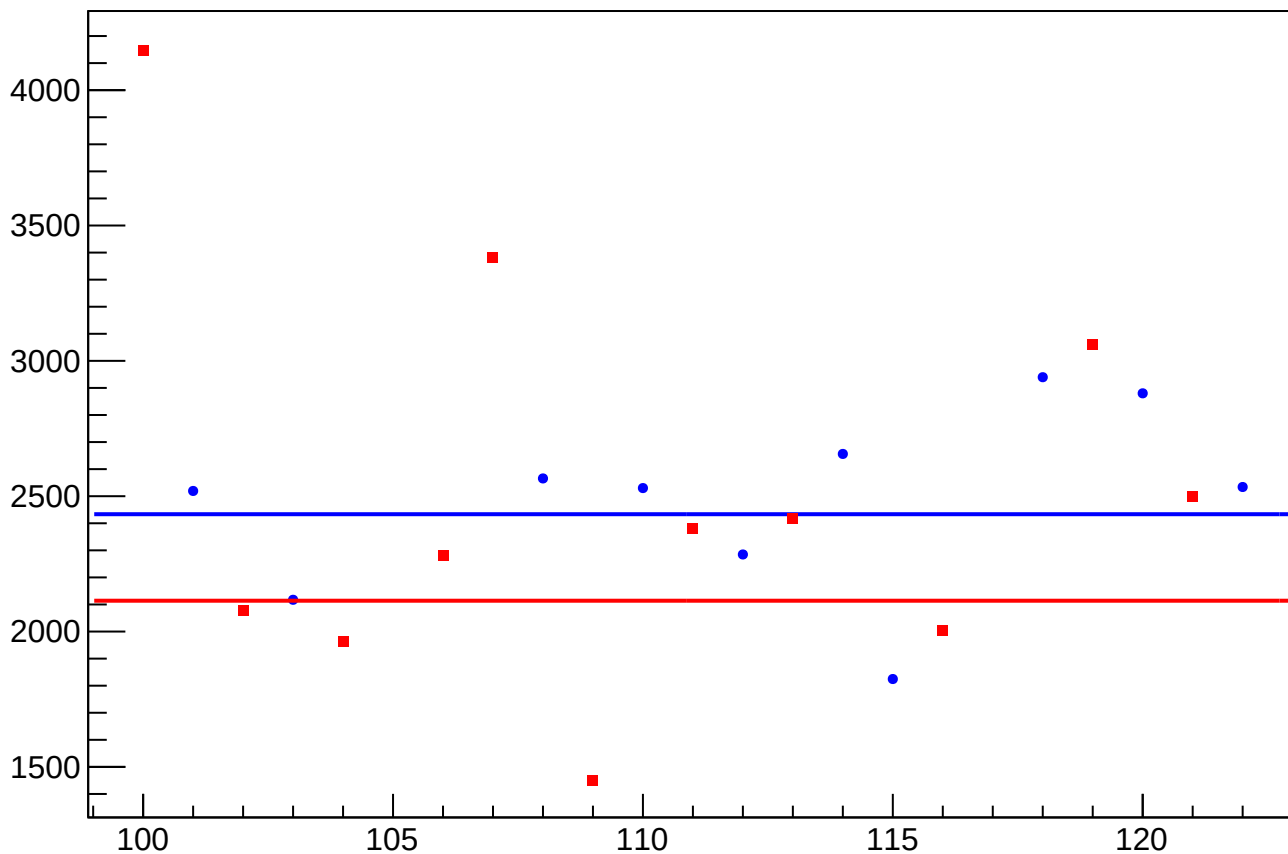
Right: 1265.820+/-784.854 χ^2/NDF : 20.7/20

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

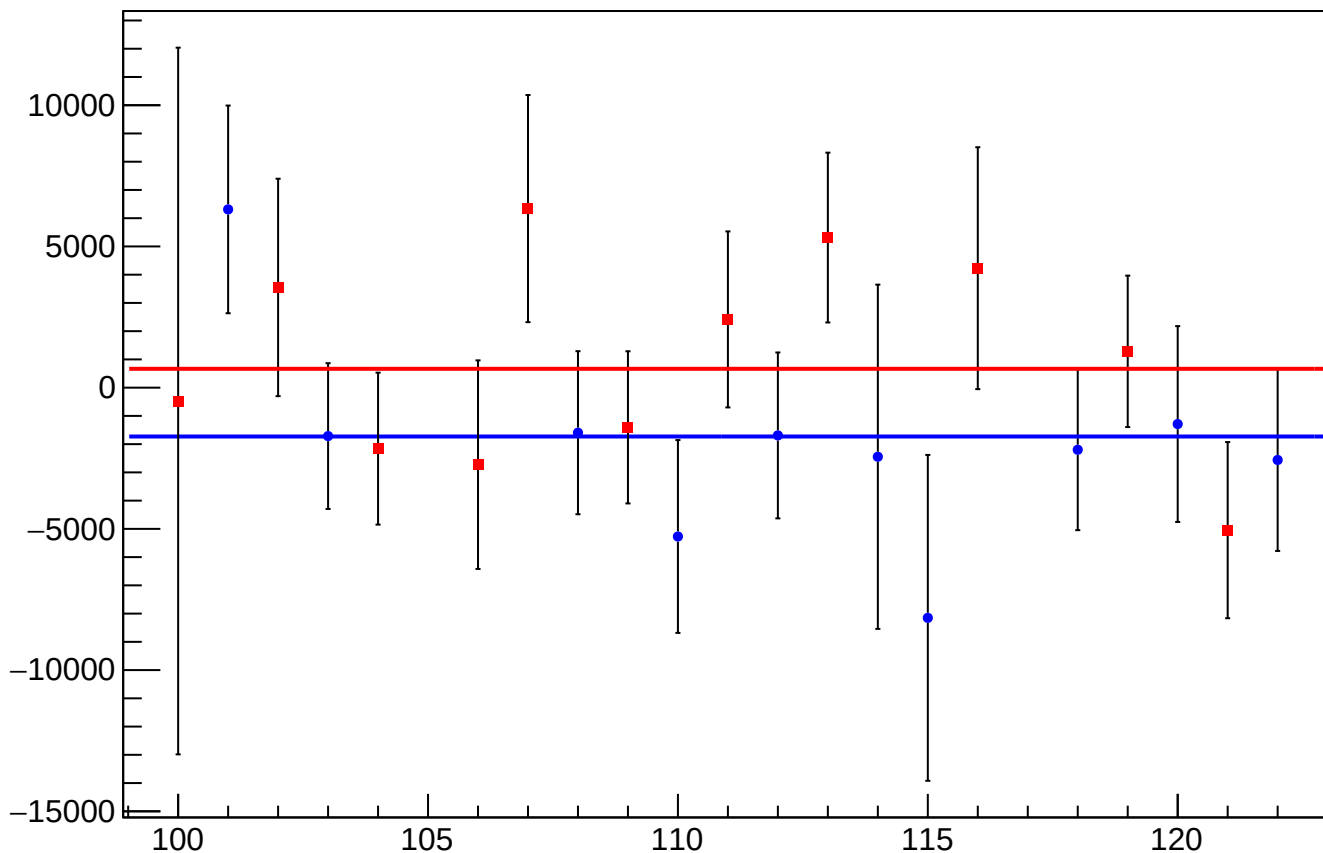
Right: 2247.556+/-0.555 χ^2/NDF : 666022.4/20

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

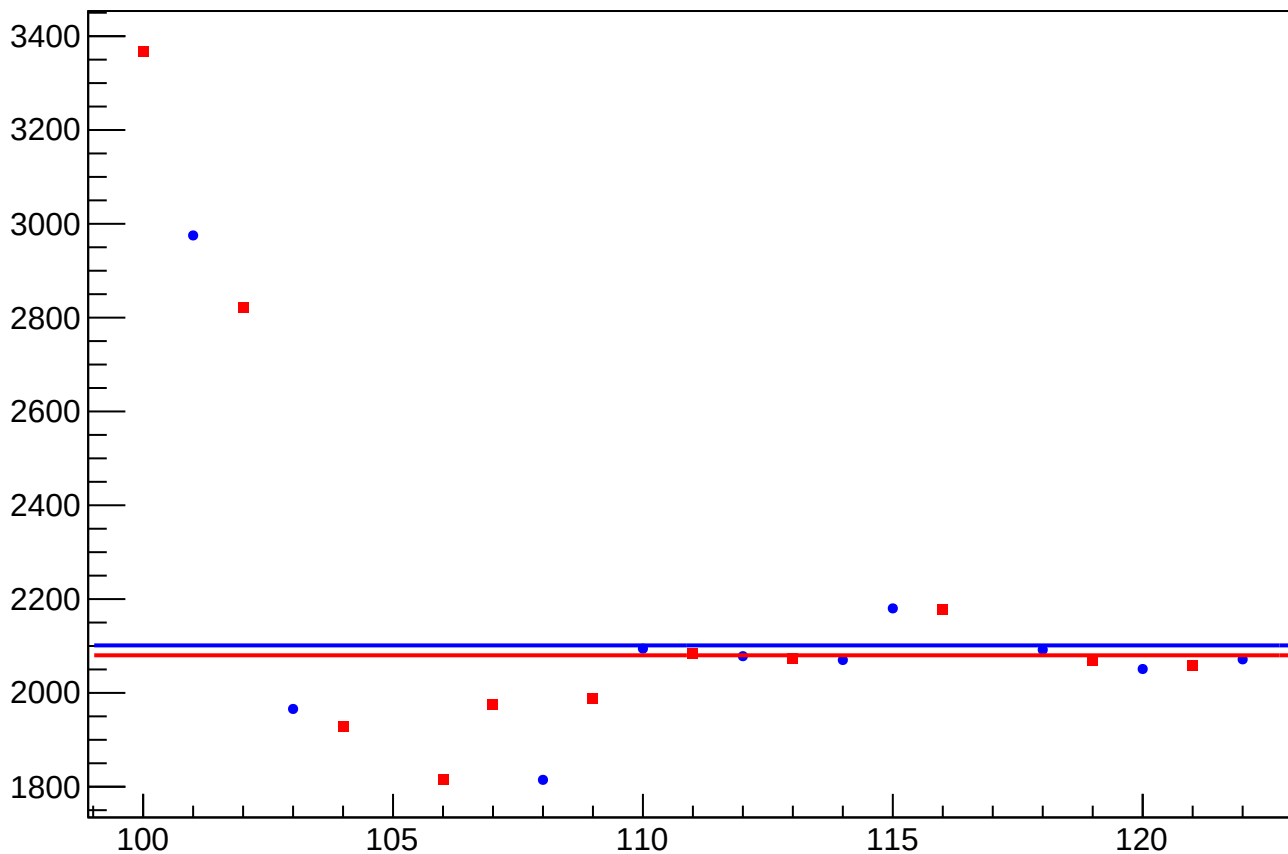
Right: -474.714+/-725.276 χ^2/NDF : 21.9/20

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

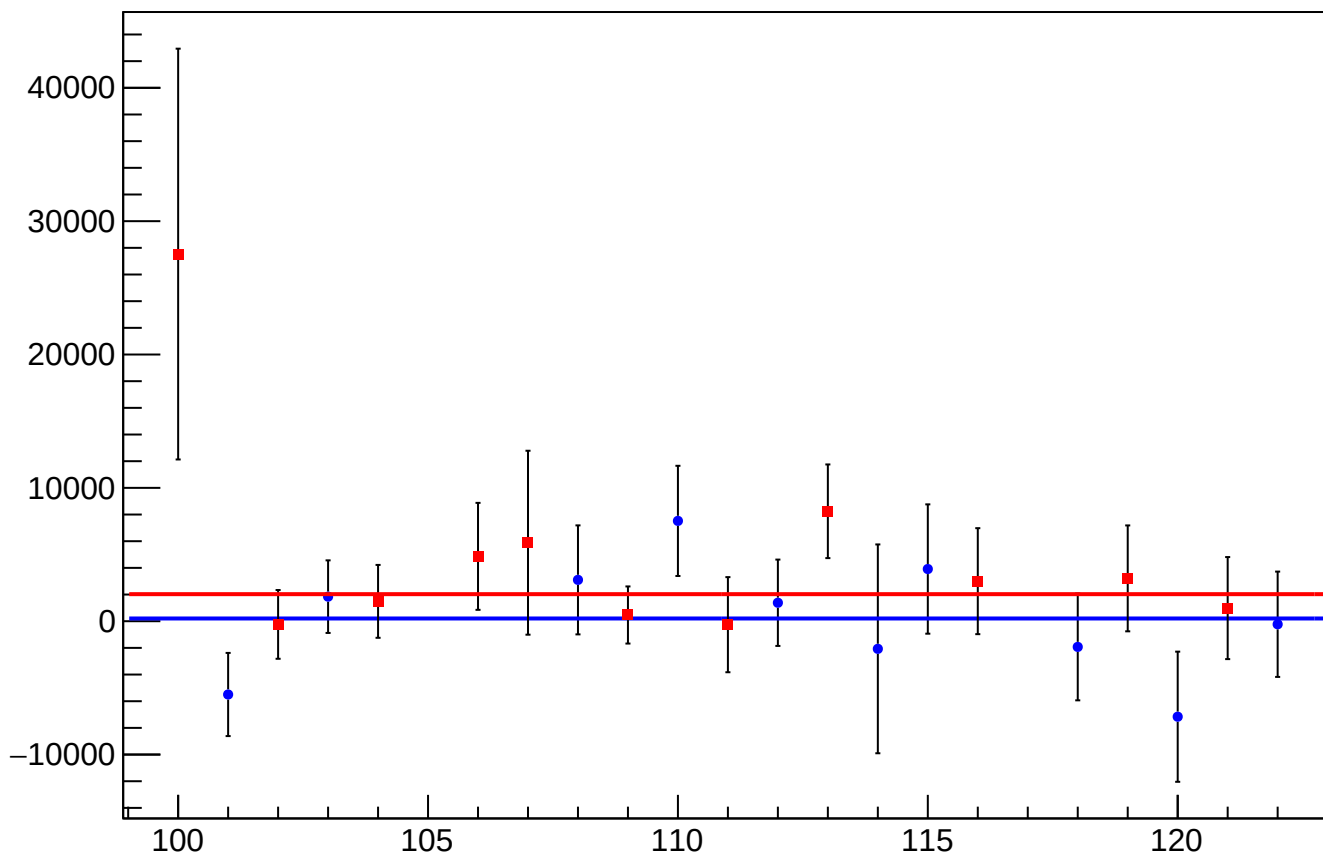
Right: 2090.226+/-0.513 χ^2/NDF : 256608.1/20

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

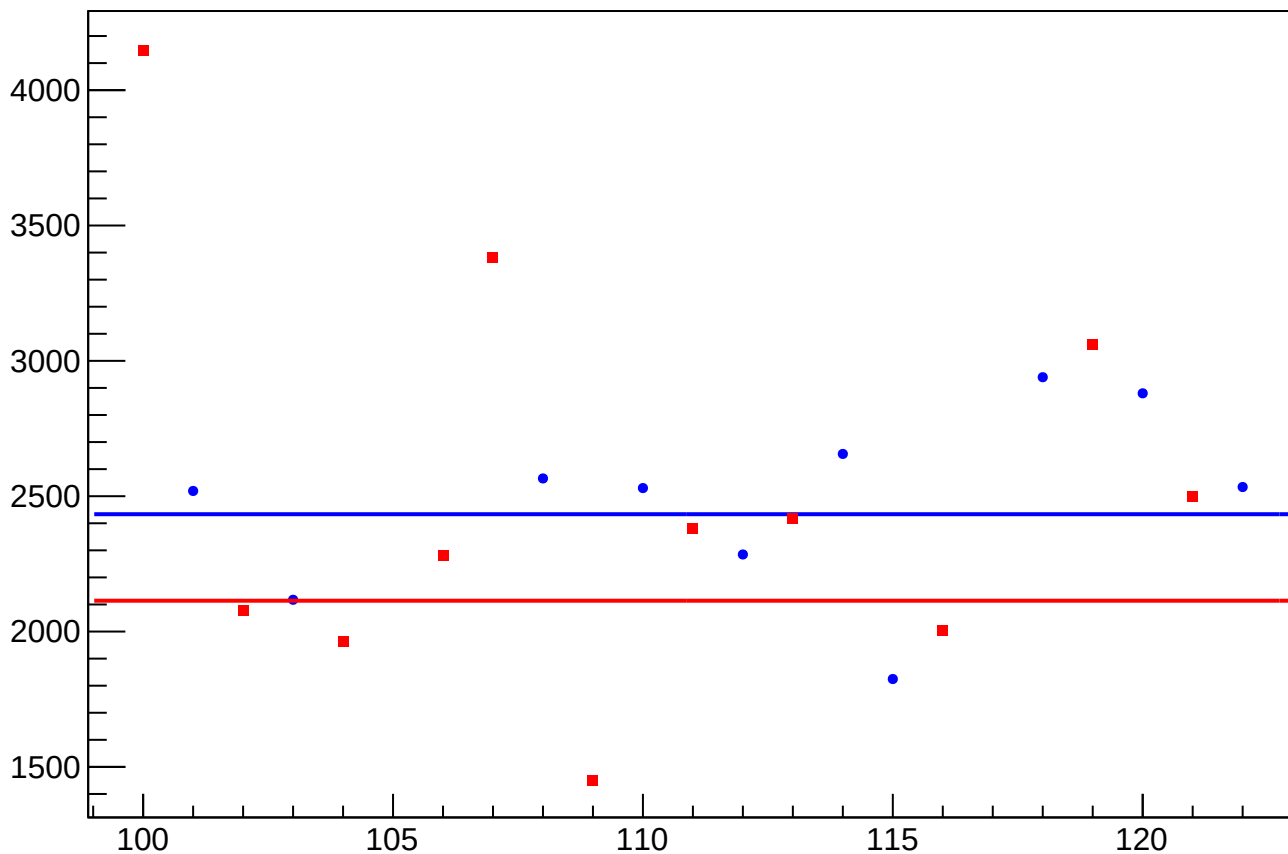
Right: 1265.819+/-784.853 χ^2/NDF : 20.7/20

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

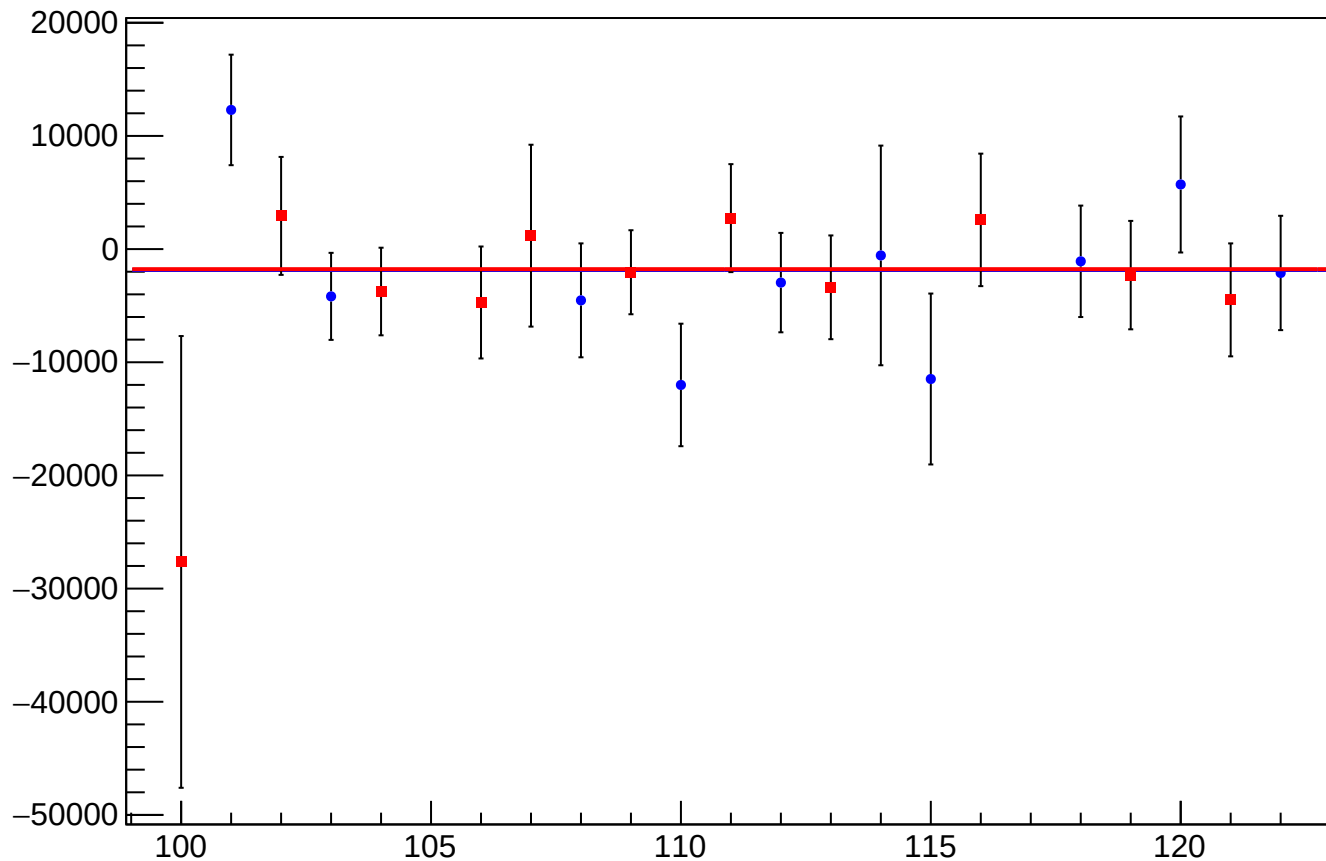
Right: 2247.557+/-0.555 χ^2/NDF : 665999.9/20

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

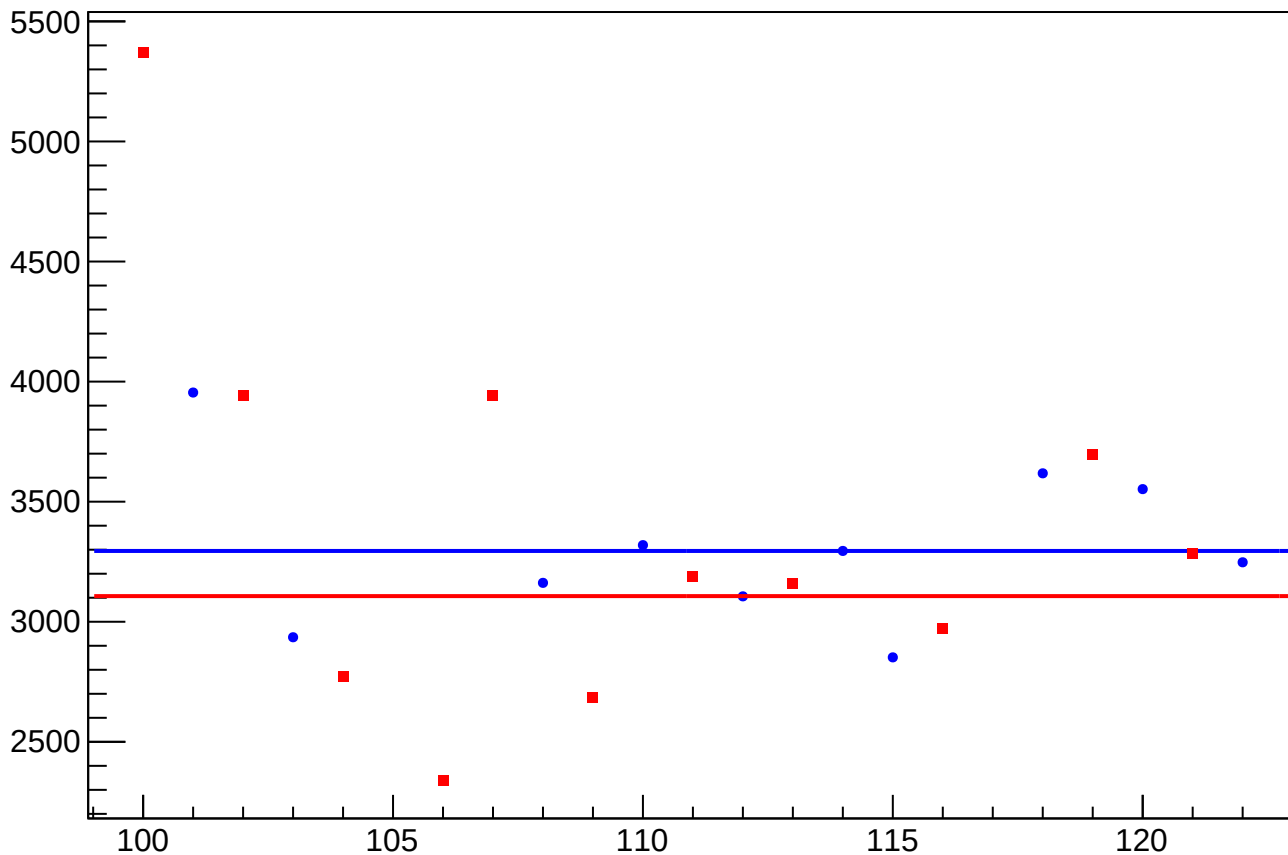
Right: -1807.013+/-1110.632 χ^2/NDF : 21.0/20

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

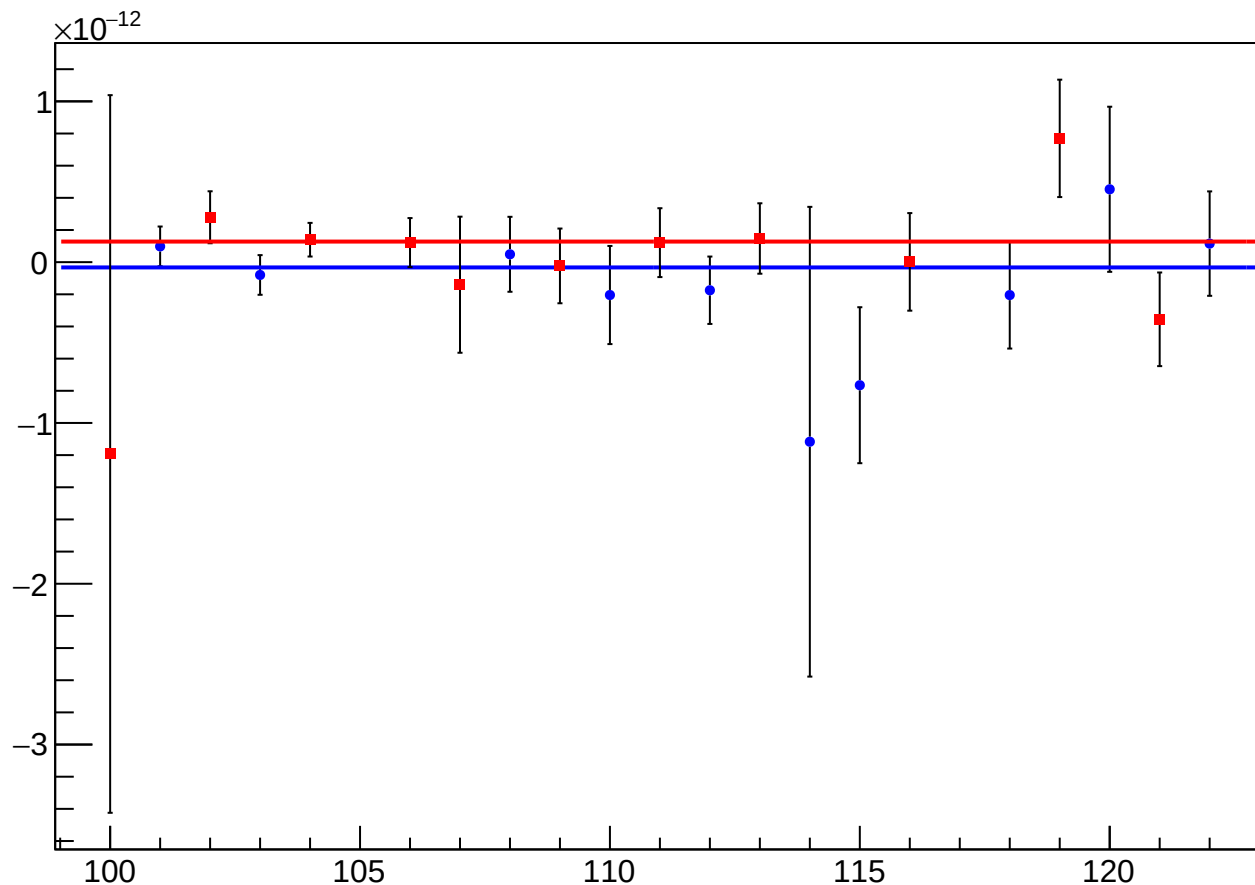
Right: 3192.902+/-0.785 χ^2/NDF : 315383.9/20

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

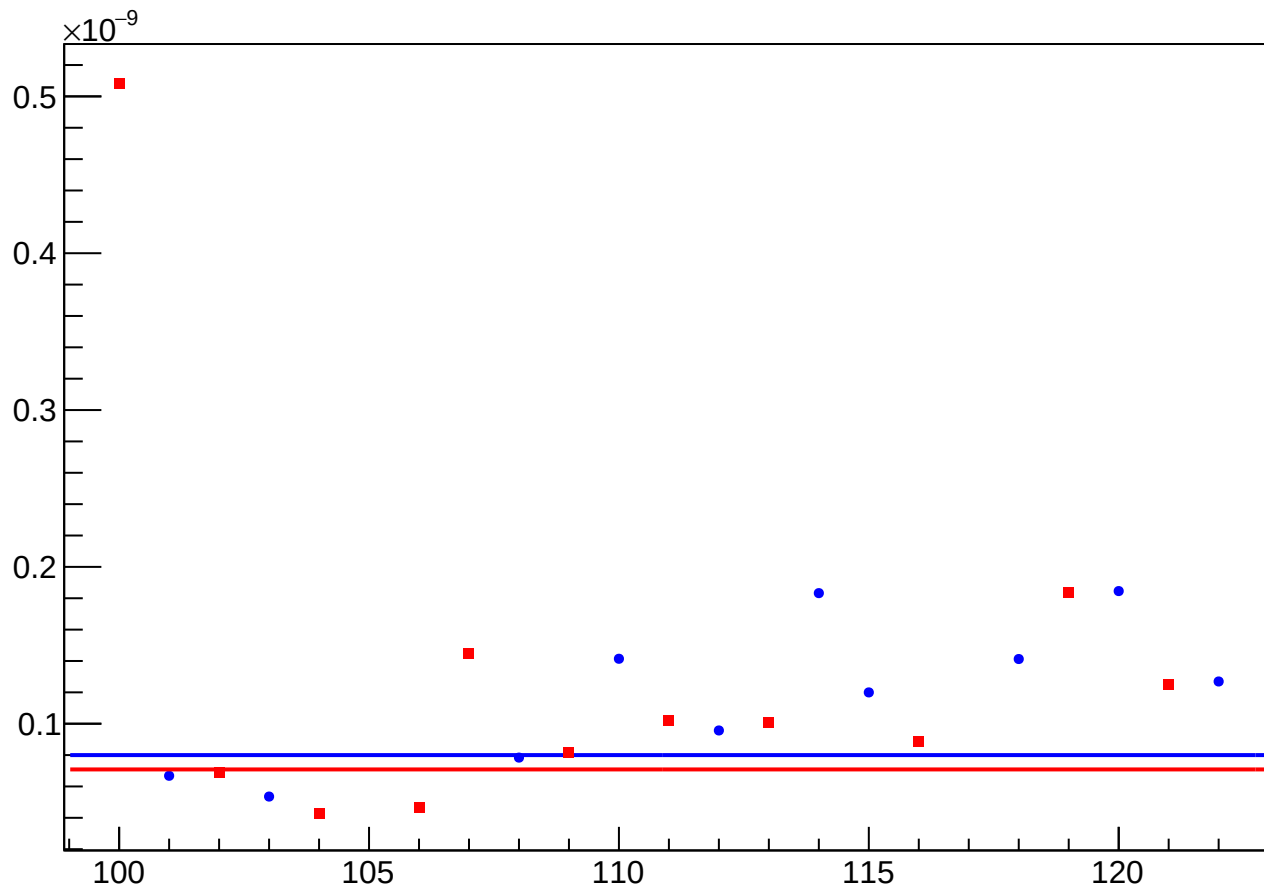
asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

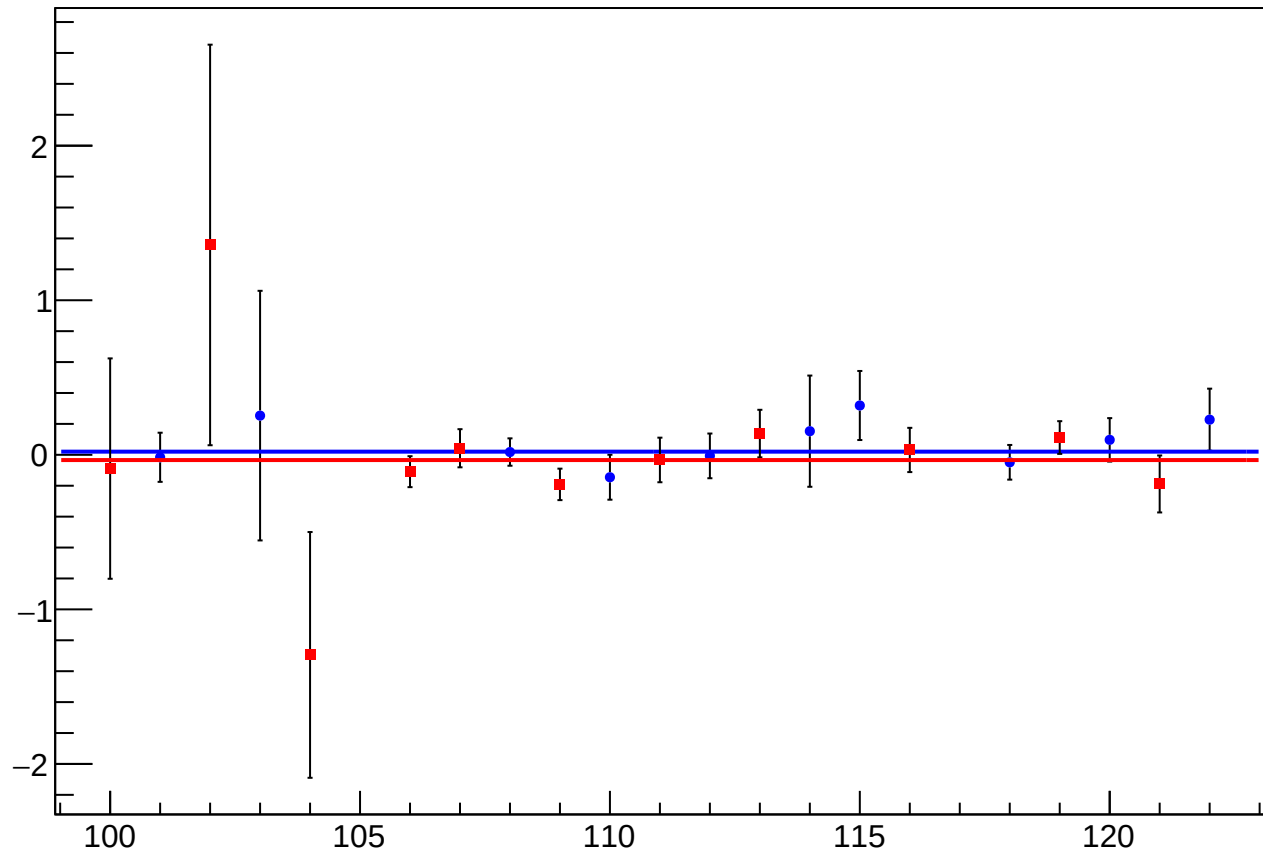
Right: 0.000+/-0.000 χ^2/NDF : 1129253.7/20

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

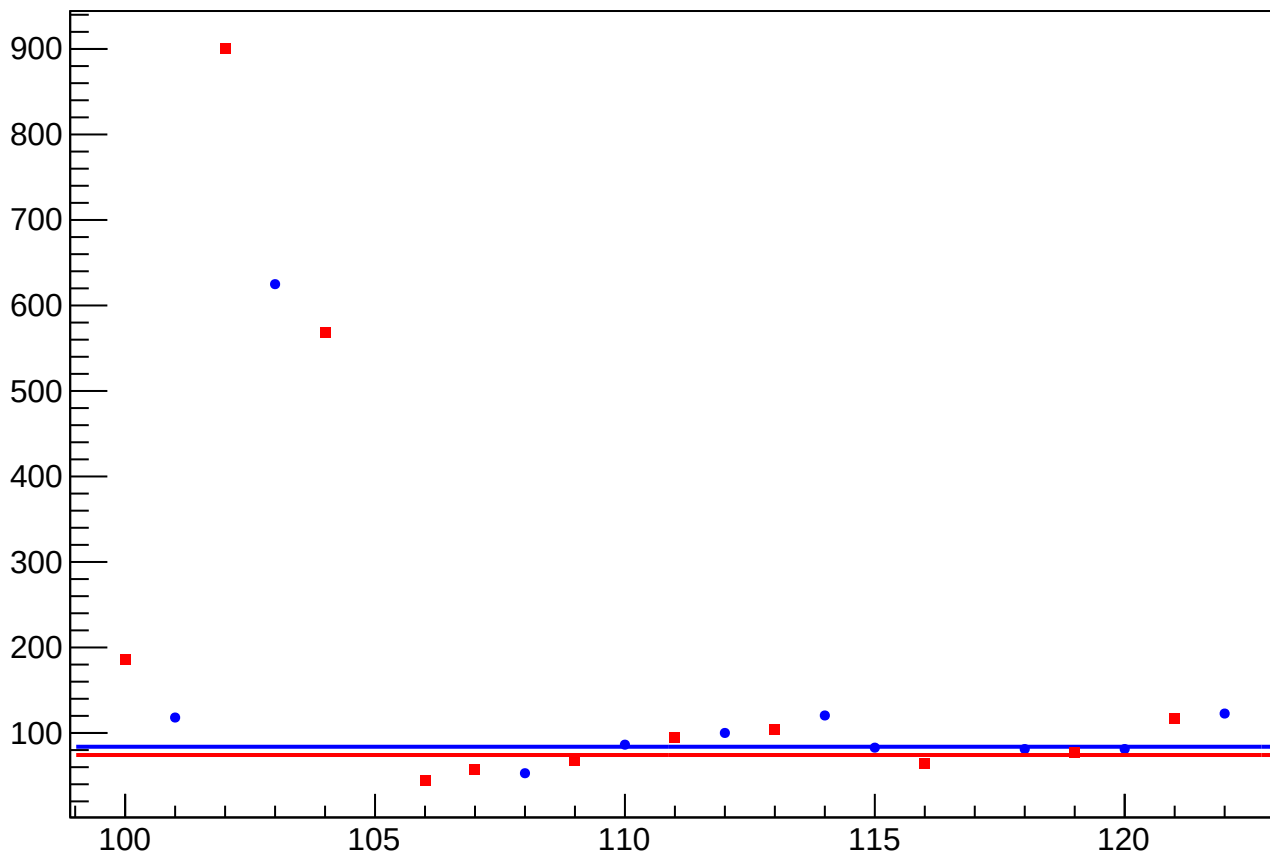
Right: -0.009+/-0.032 χ^2/NDF : 16.9/20

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

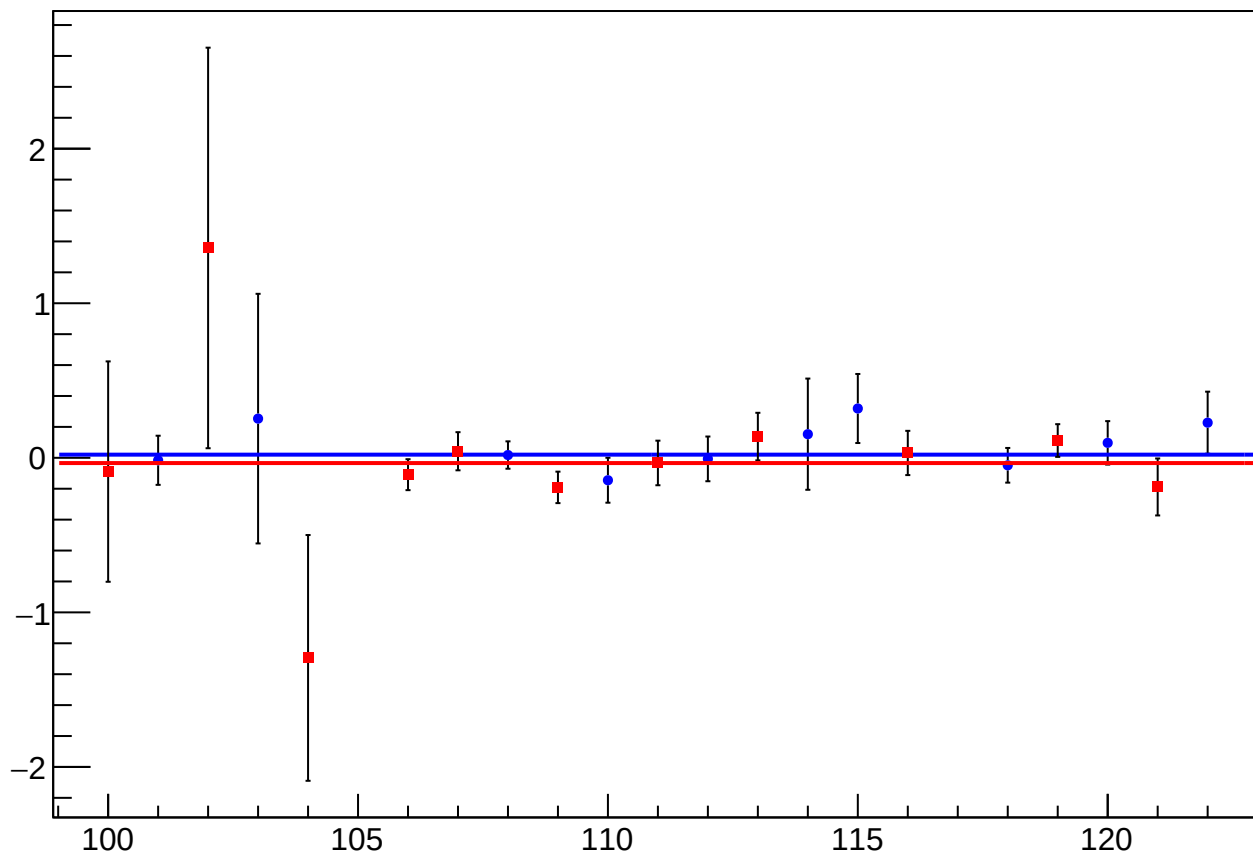
Right: 78.675+/-0.023 χ^2/NDF : 3504896.7/20

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

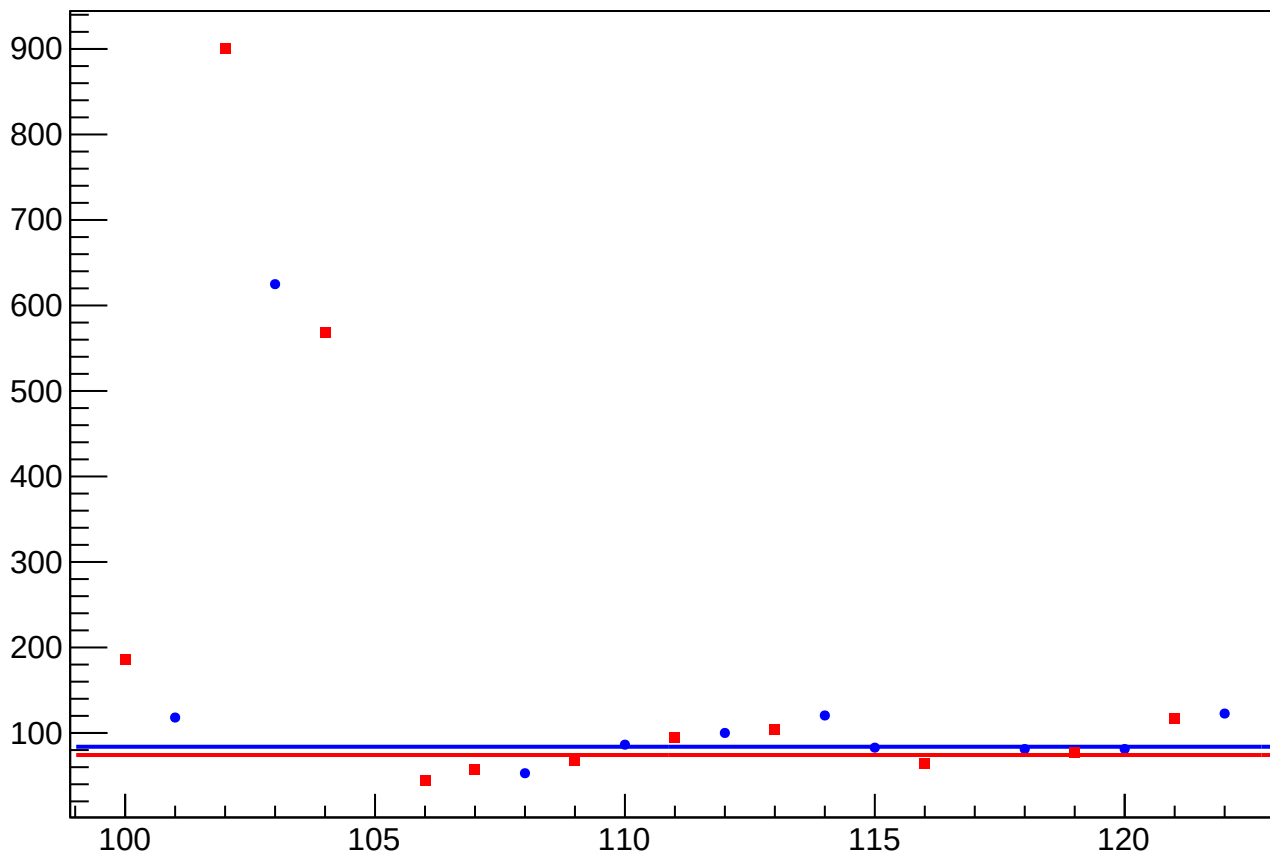
Right: -0.009+/-0.032 χ^2/NDF : 16.9/20

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

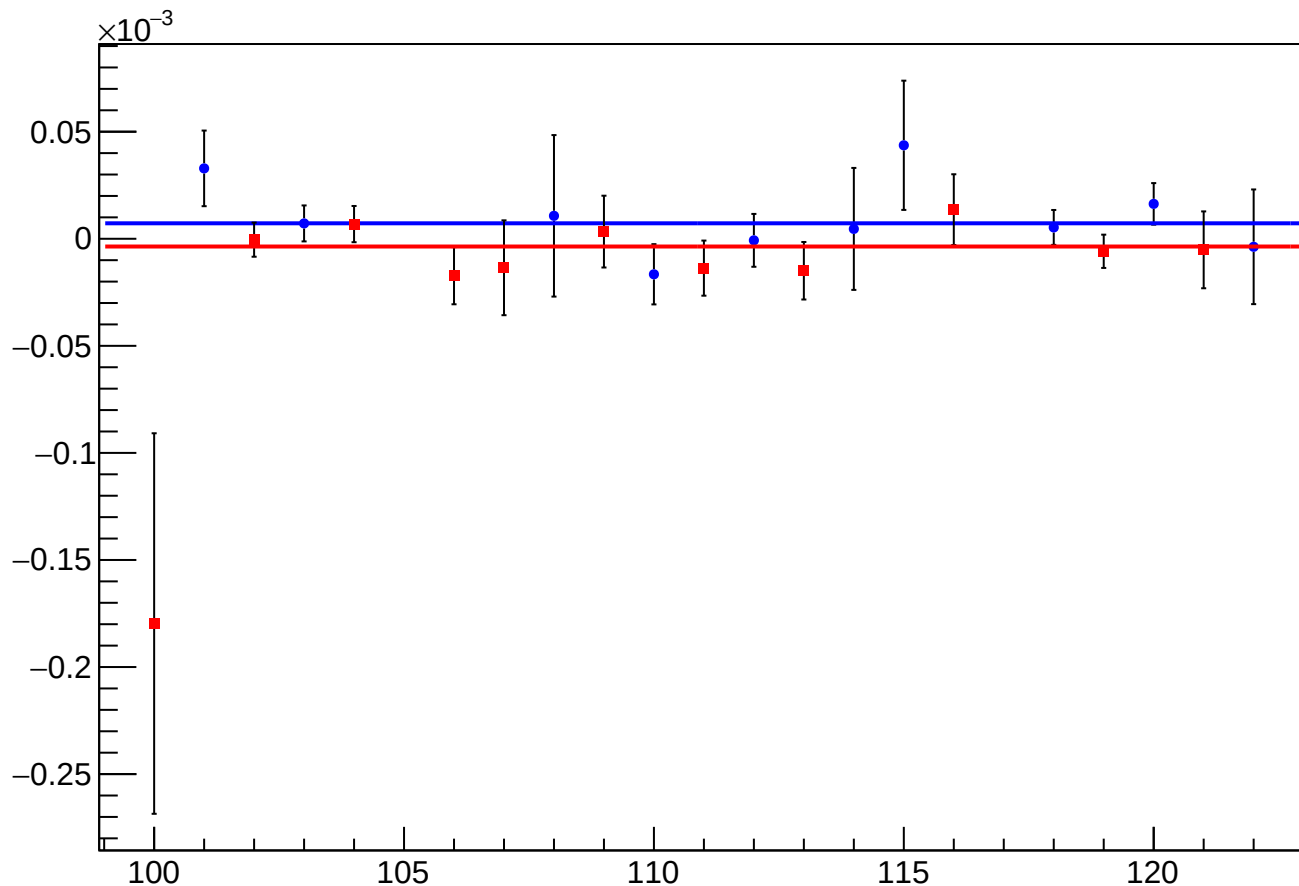
Right: 78.675+/-0.023 χ^2/NDF : 3504896.7/20

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

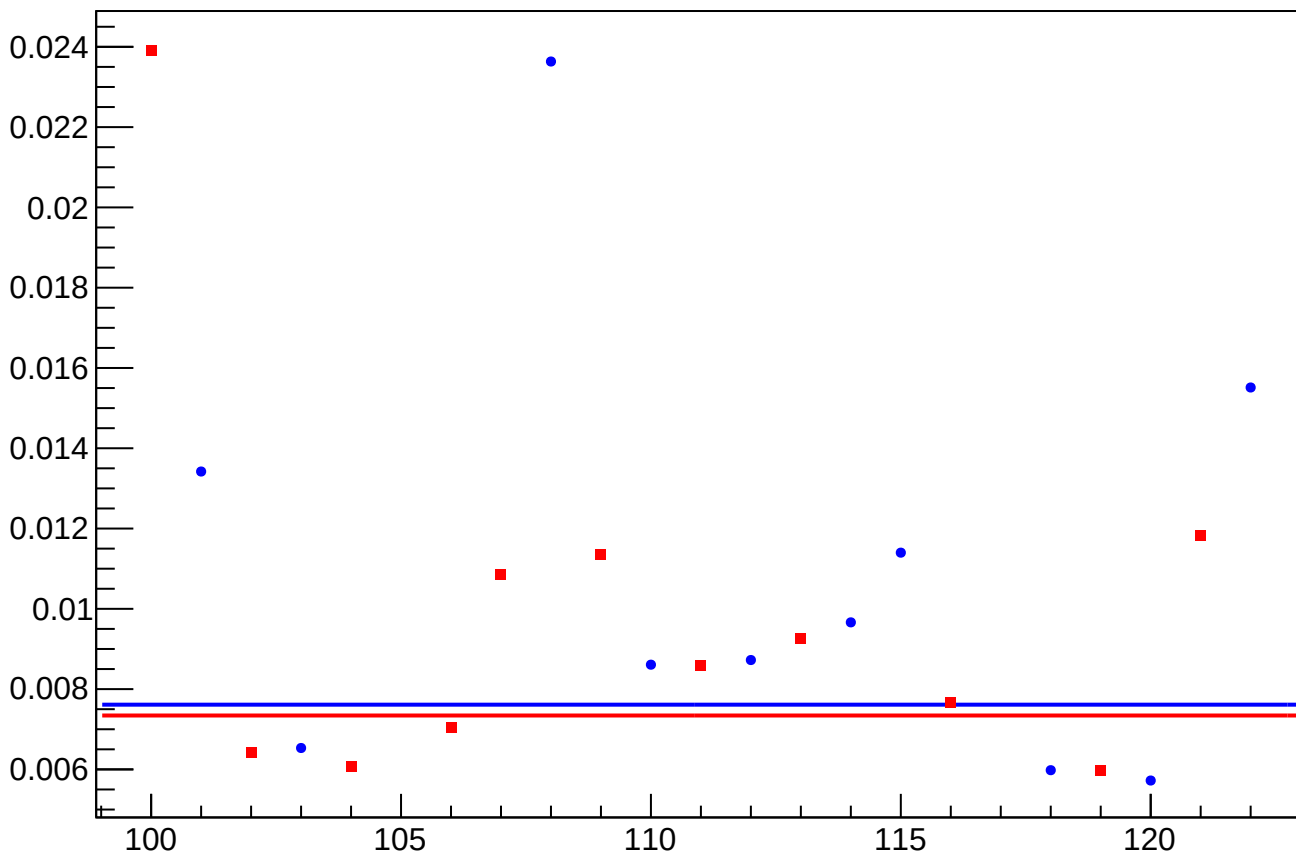
Right: 0.000+/-0.000 χ^2/NDF : 21.4/20

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

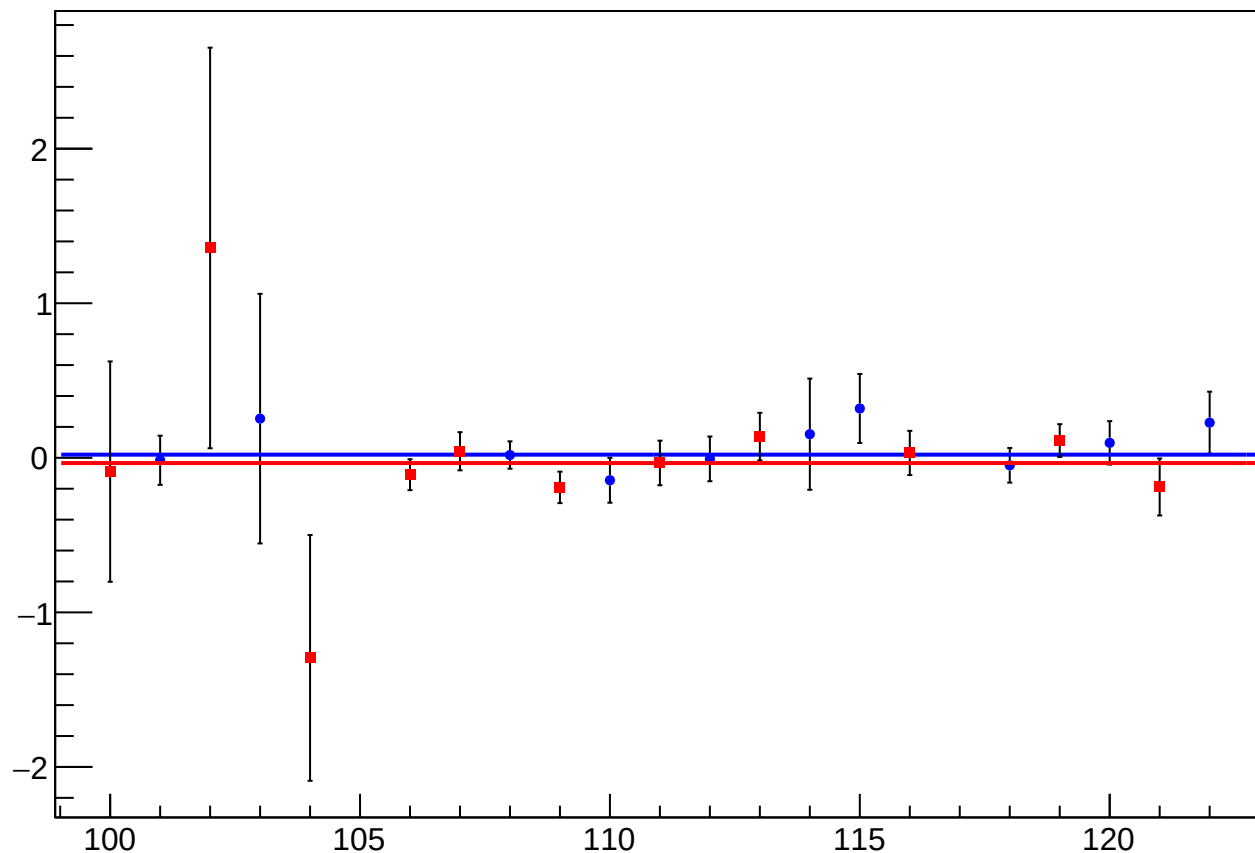
Right: 0.007+/-0.000 χ^2/NDF : 1568520.4/20

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

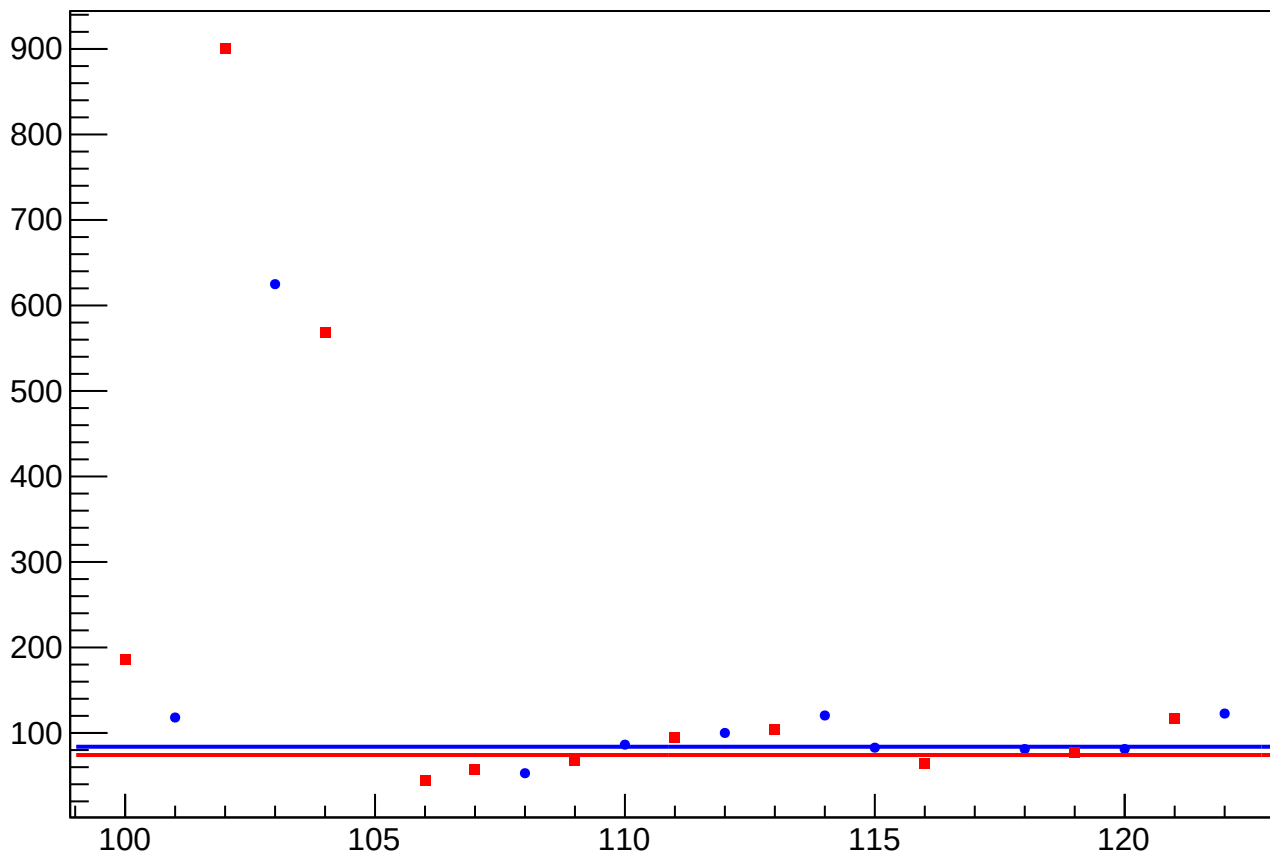
Right: -0.009+/-0.032 χ^2/NDF : 16.9/20

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

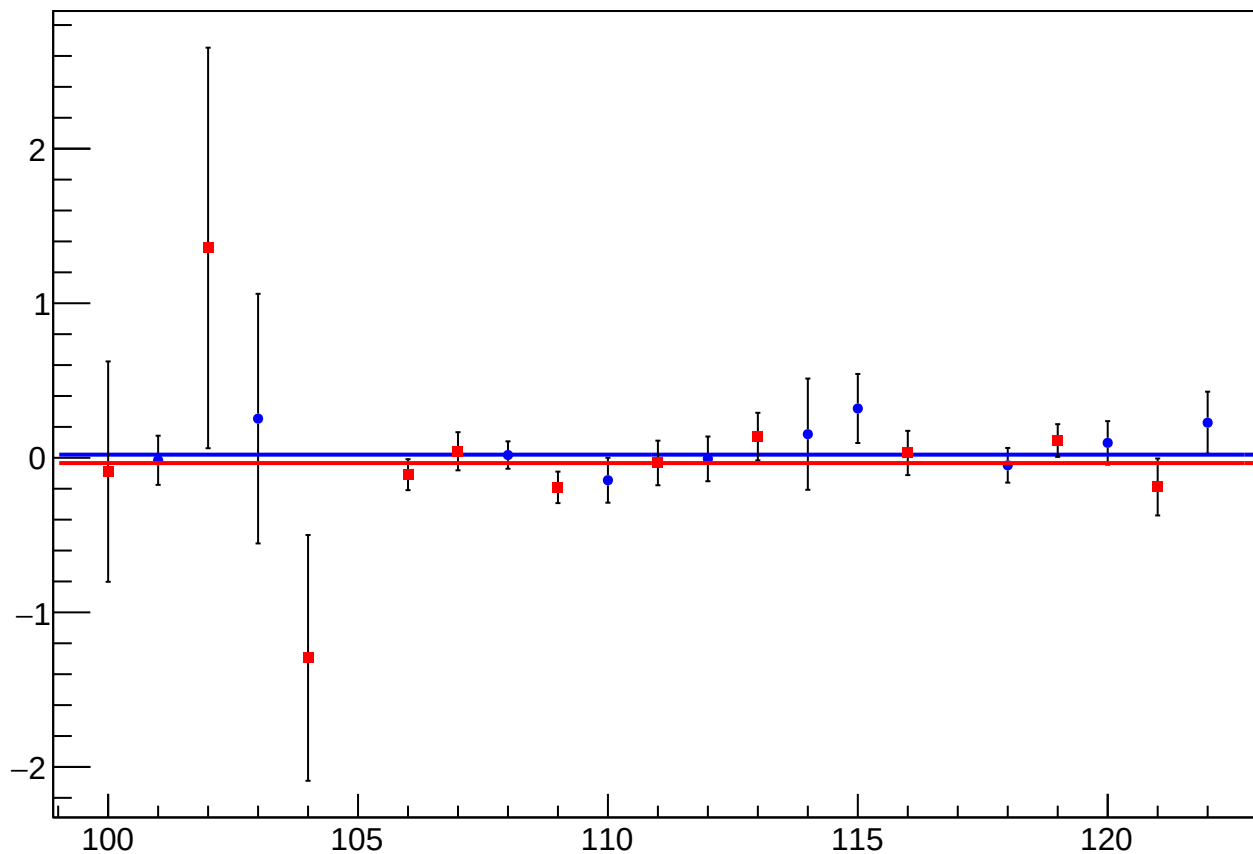
Right: 78.677+/-0.023 χ^2/NDF : 3504747.1/20

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

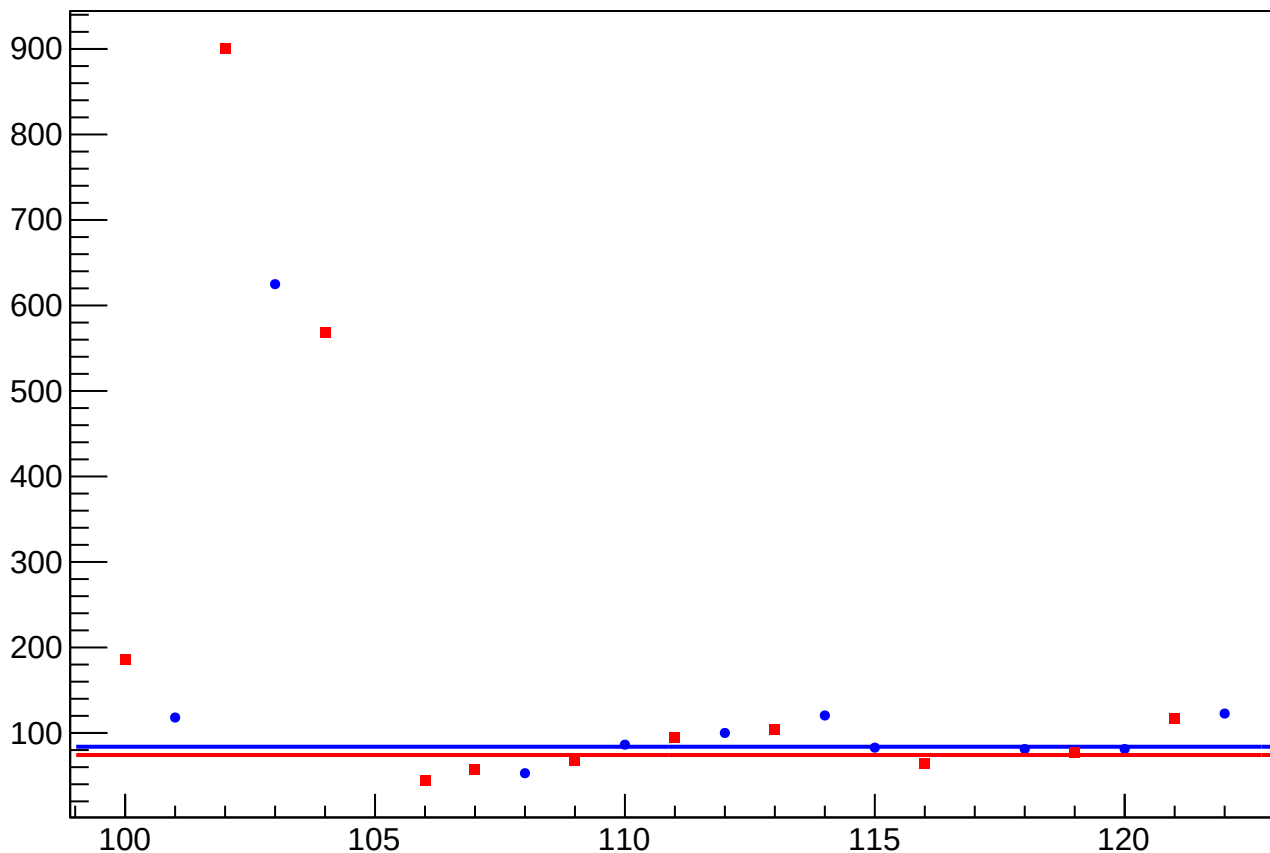
Right: -0.009+/-0.032 χ^2/NDF : 16.9/20

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

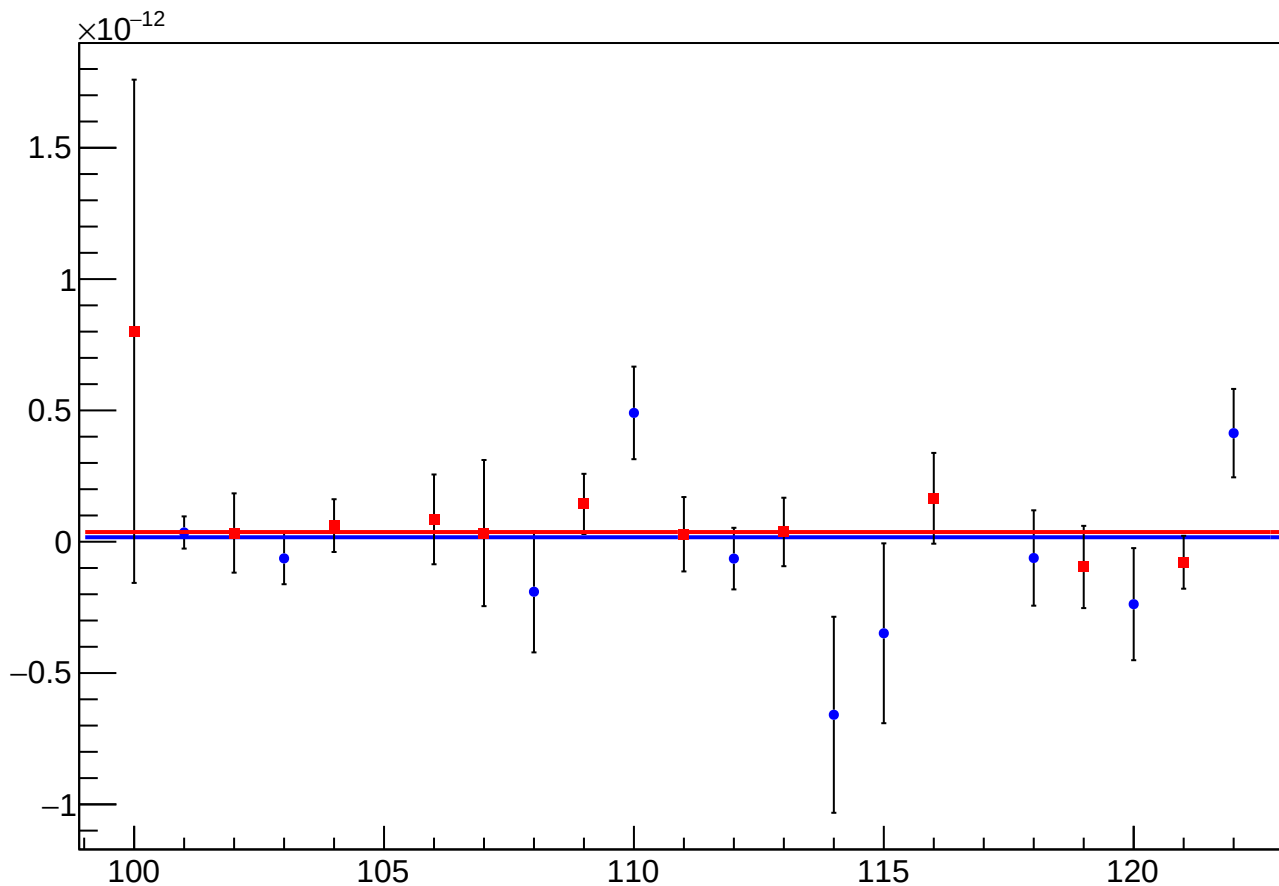
Right: 78.677+/-0.023 χ^2/NDF : 3504747.1/20

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

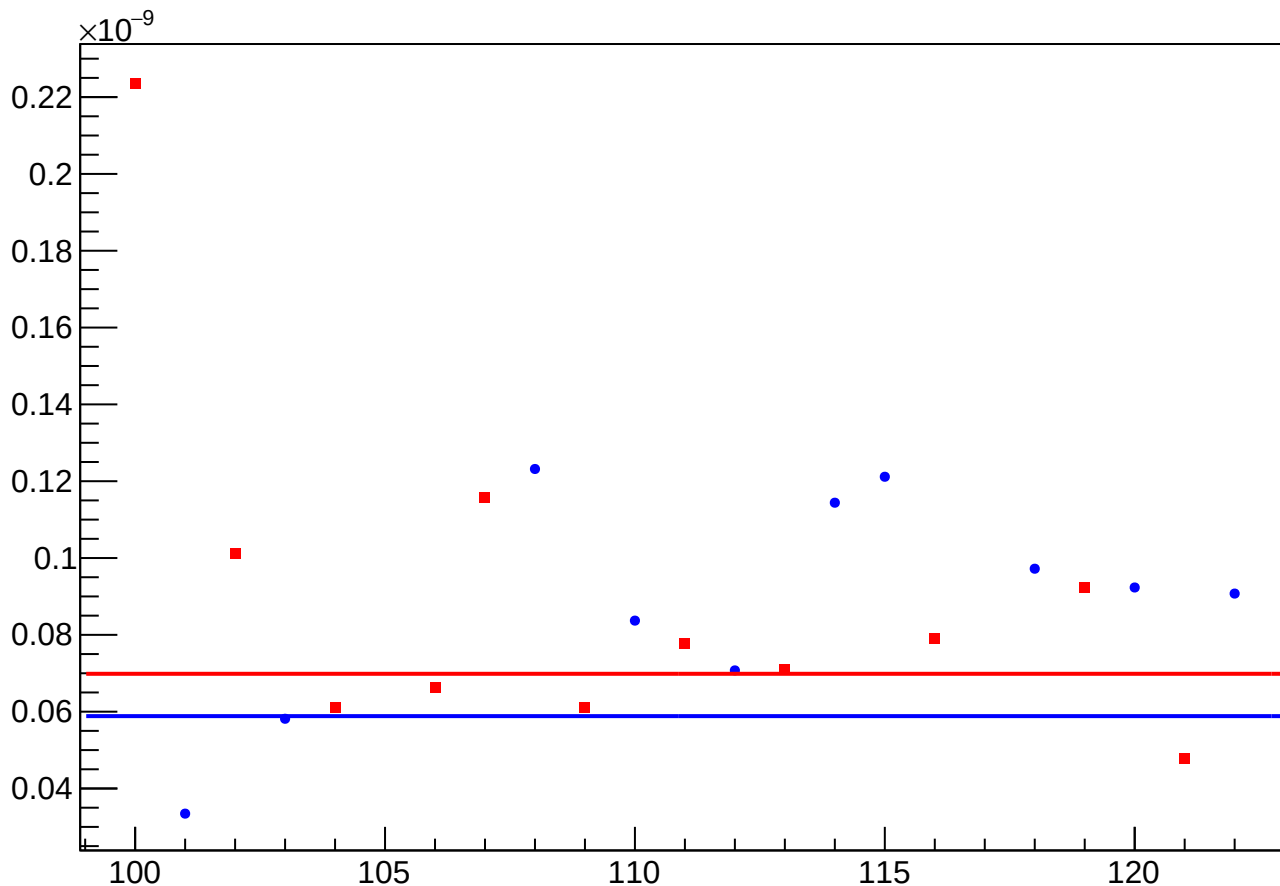
Right: 0.000+/-0.000 χ^2/NDF : 25.2/20

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

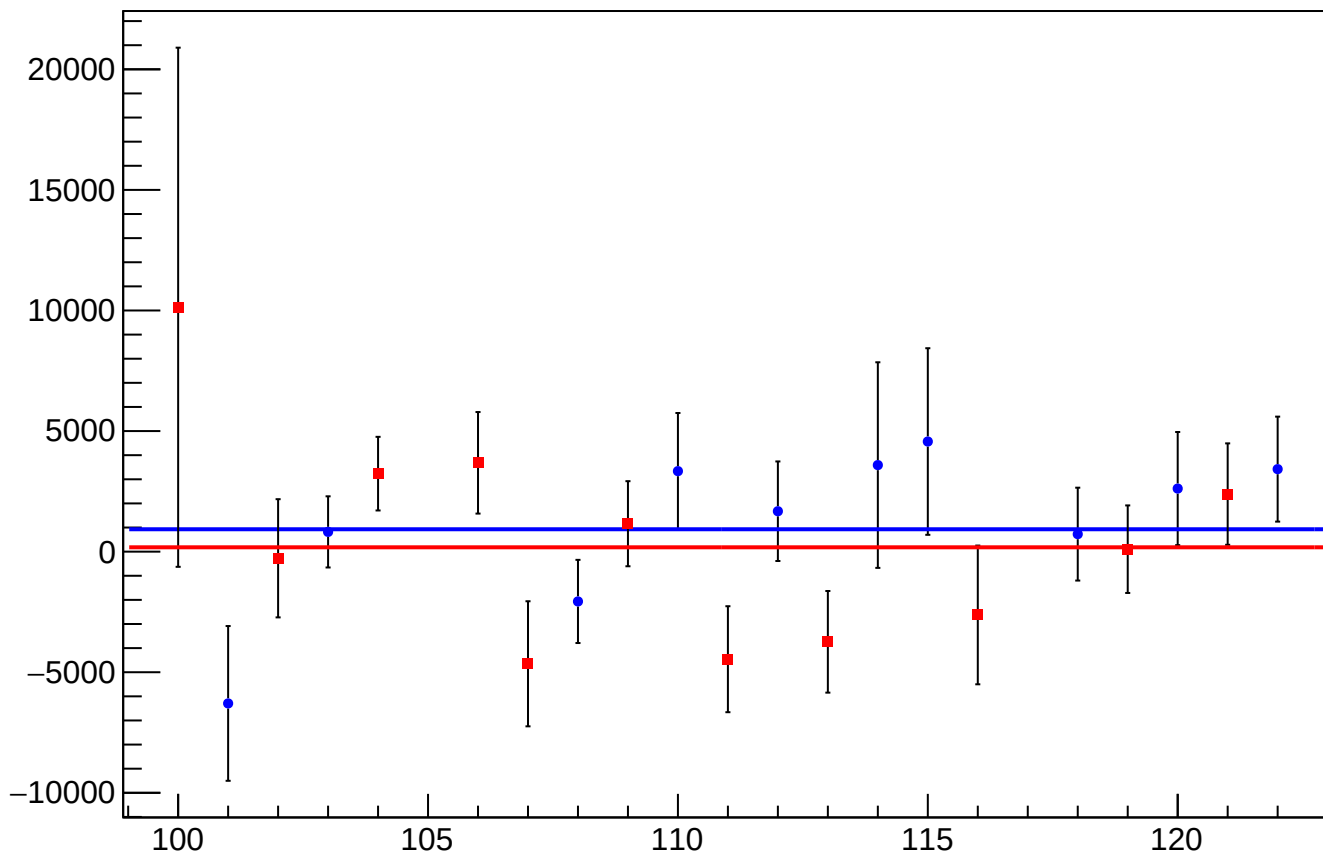
Right: 0.000+/-0.000 χ^2/NDF : 1317779.0/20

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 $\pm$ 692.675 χ^2 /NDF: 12.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 179.987 $\pm$ 647.844 χ^2 /NDF: 21.4/10

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

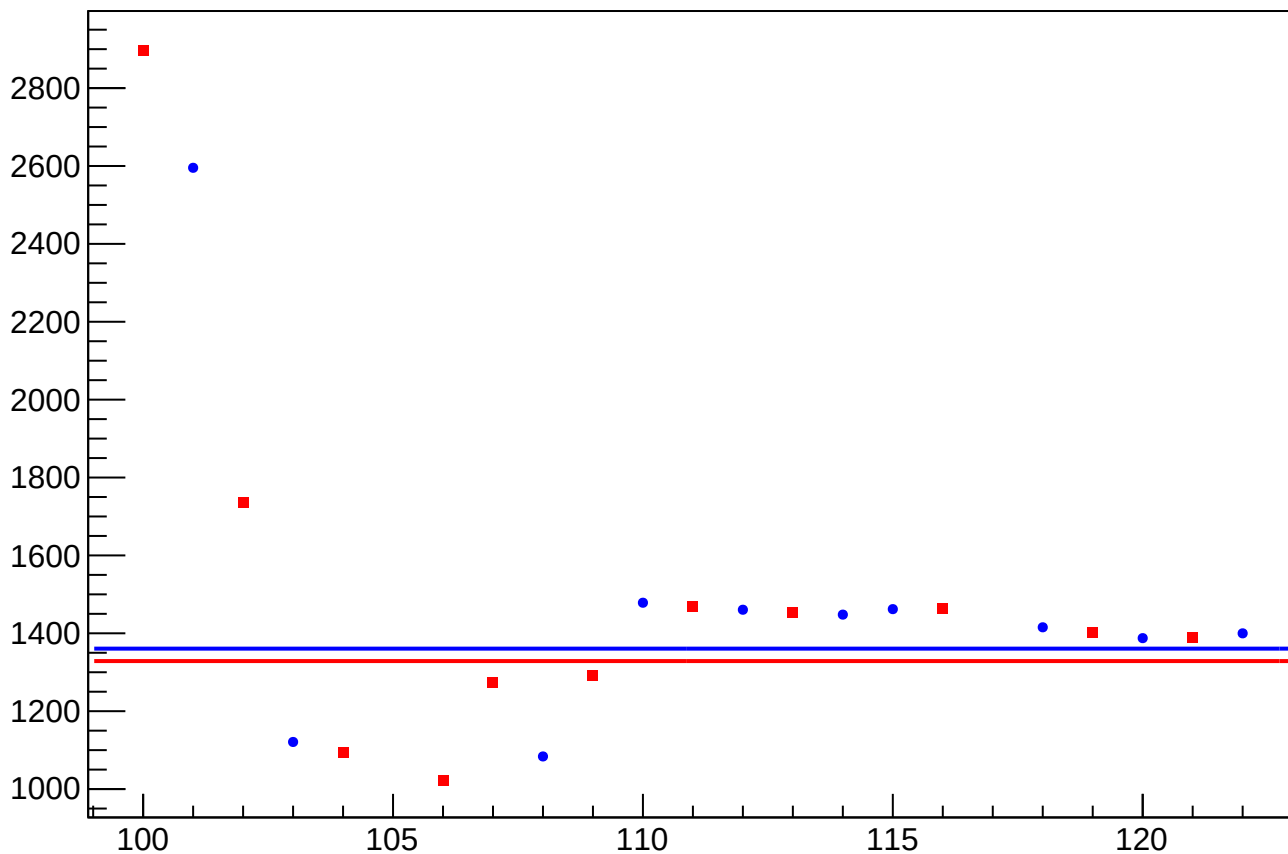
Right: 529.259 $\pm$ 473.151 χ^2 /NDF: 34.4/20

In: 928.543 $\pm$ 692.675 χ^2 /NDF:12.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 529.259 $\pm$ 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

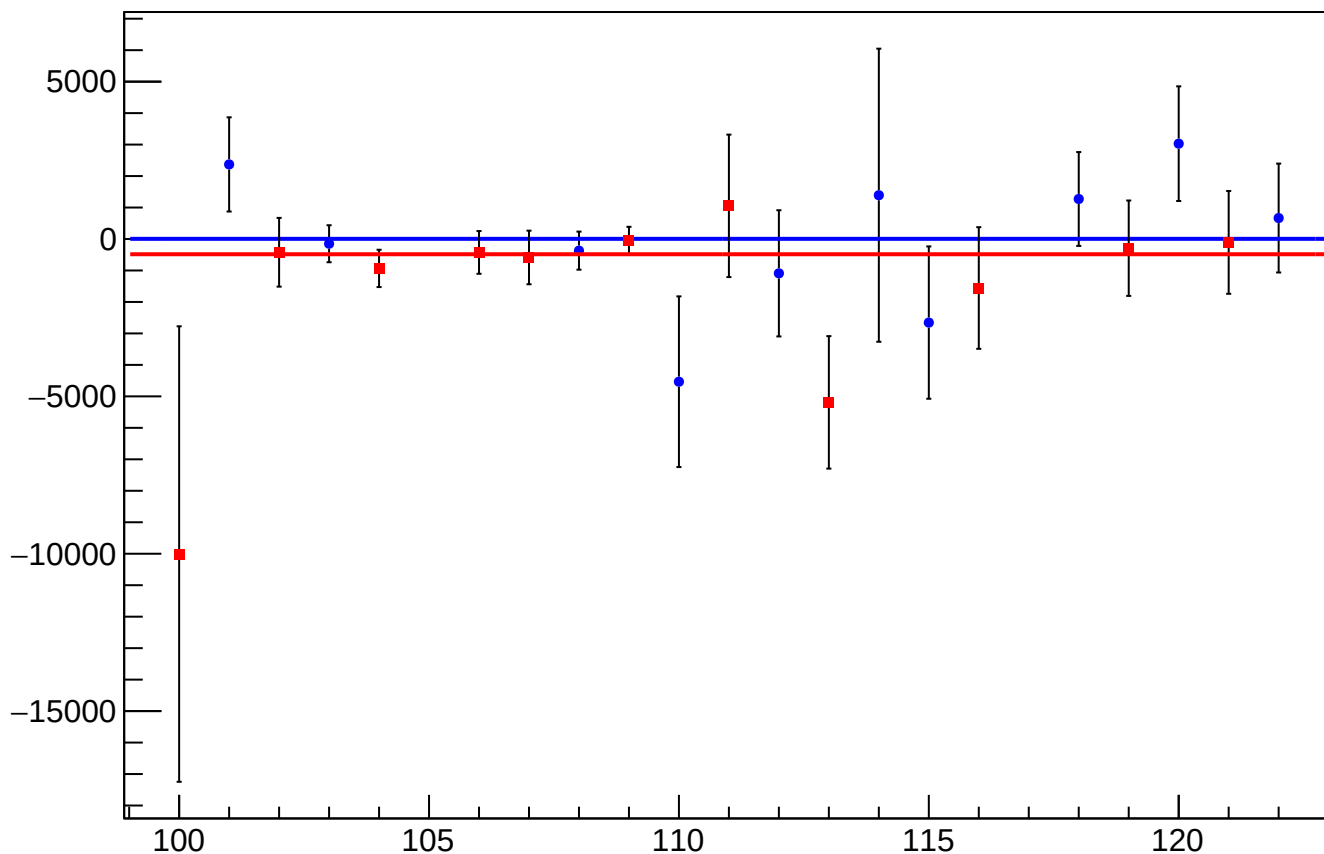
Right: 1343.601+/-0.335 χ^2/NDF : 630374.7/20

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

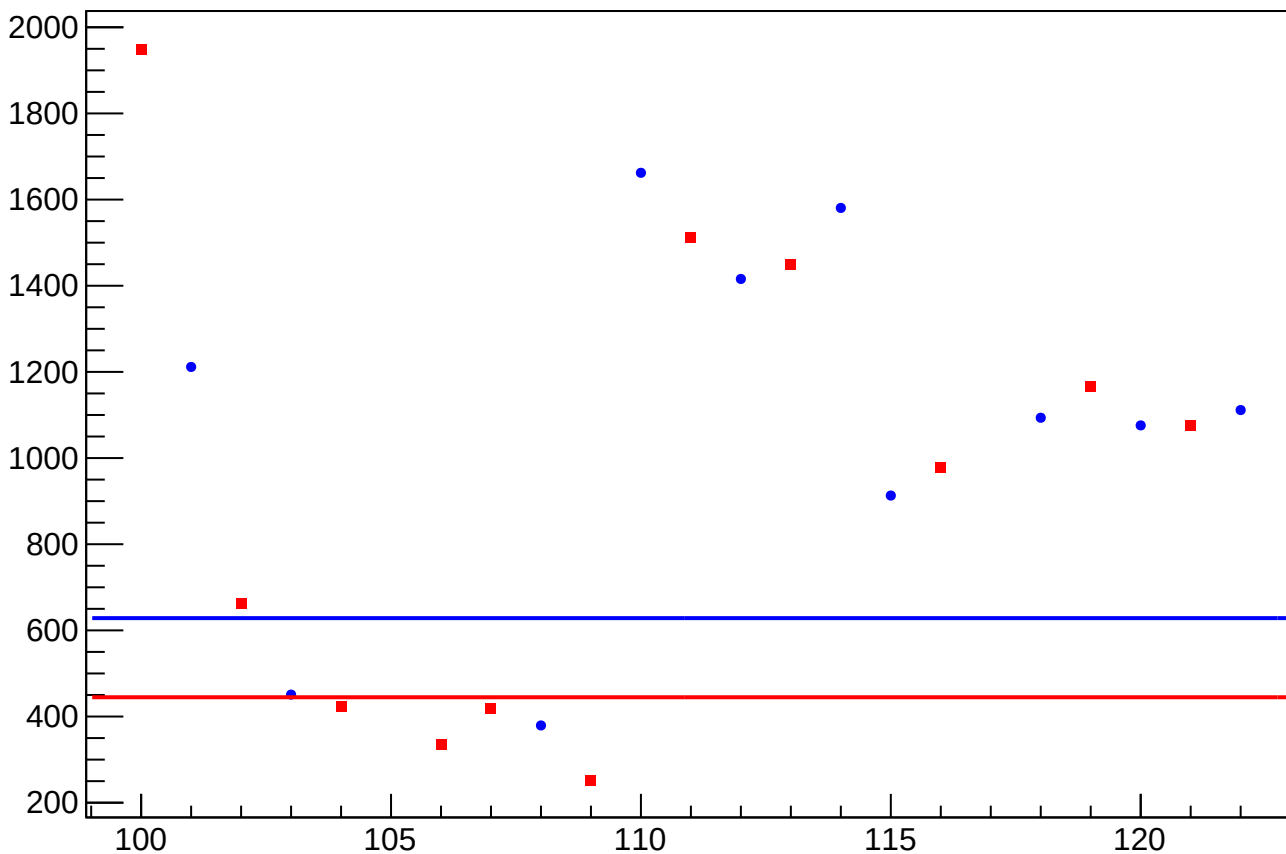
Right: -309.141+/-214.635 χ^2/NDF : 21.3/20

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

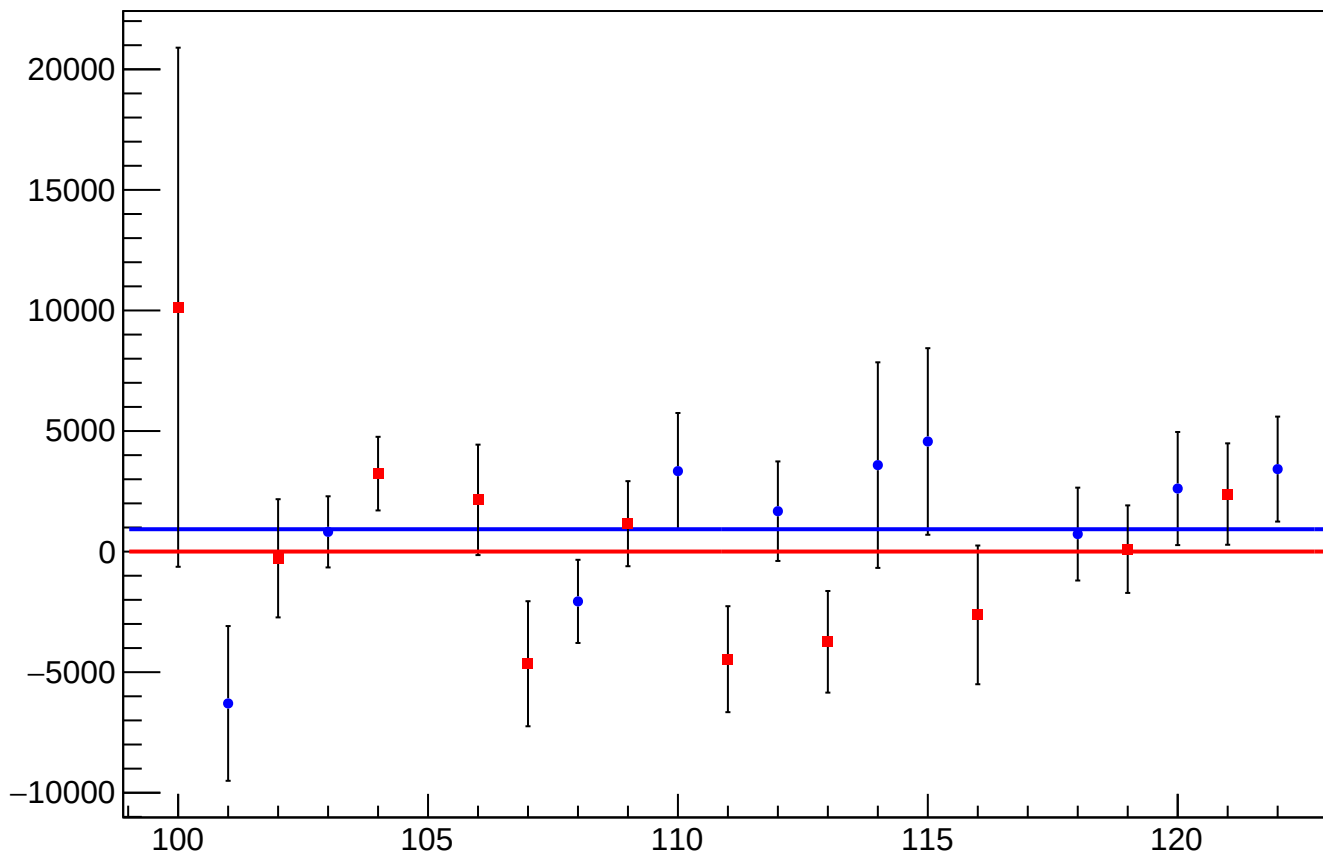
Right: 510.410+/-0.152 χ^2/NDF : 4760045.1/20

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

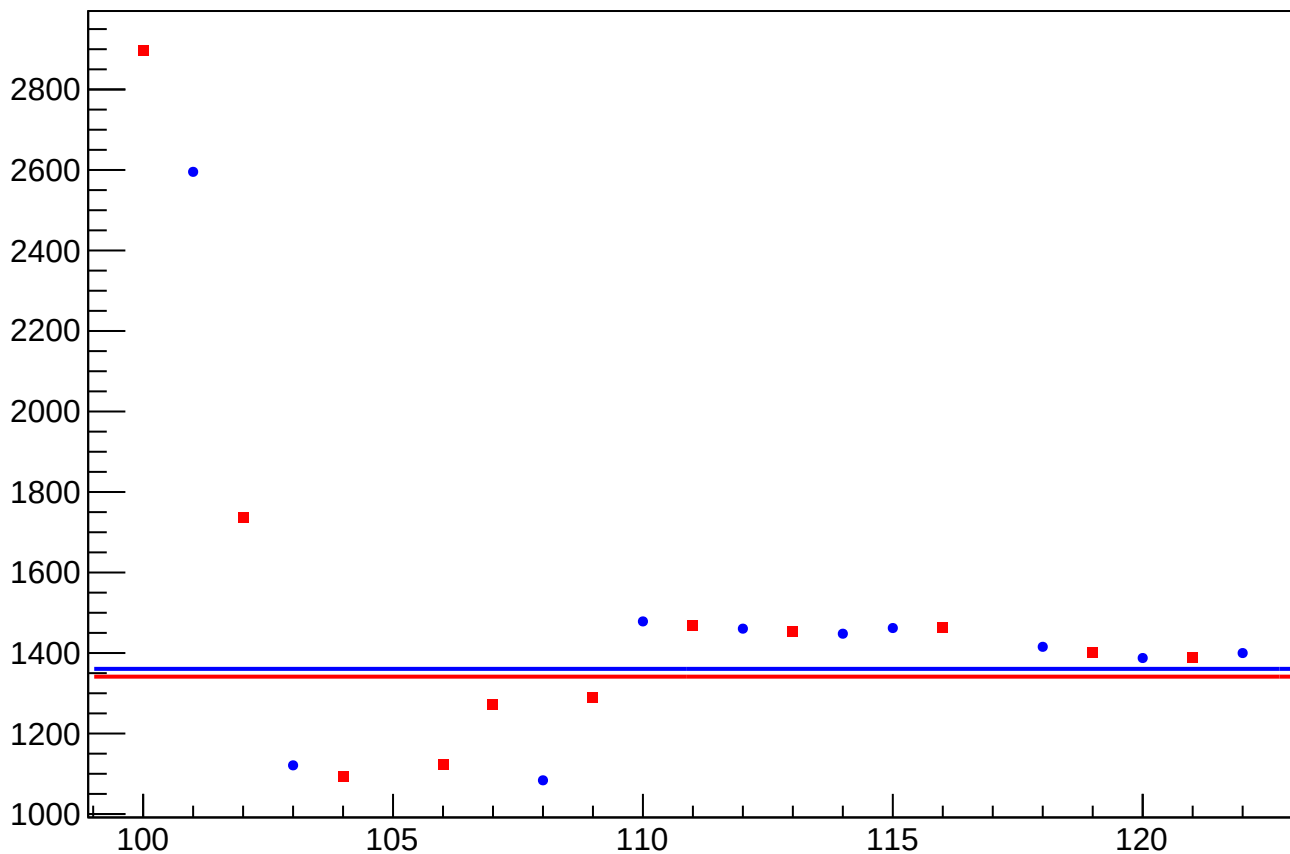
Right: 437.983+/-475.010 χ^2/NDF : 32.6/20

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

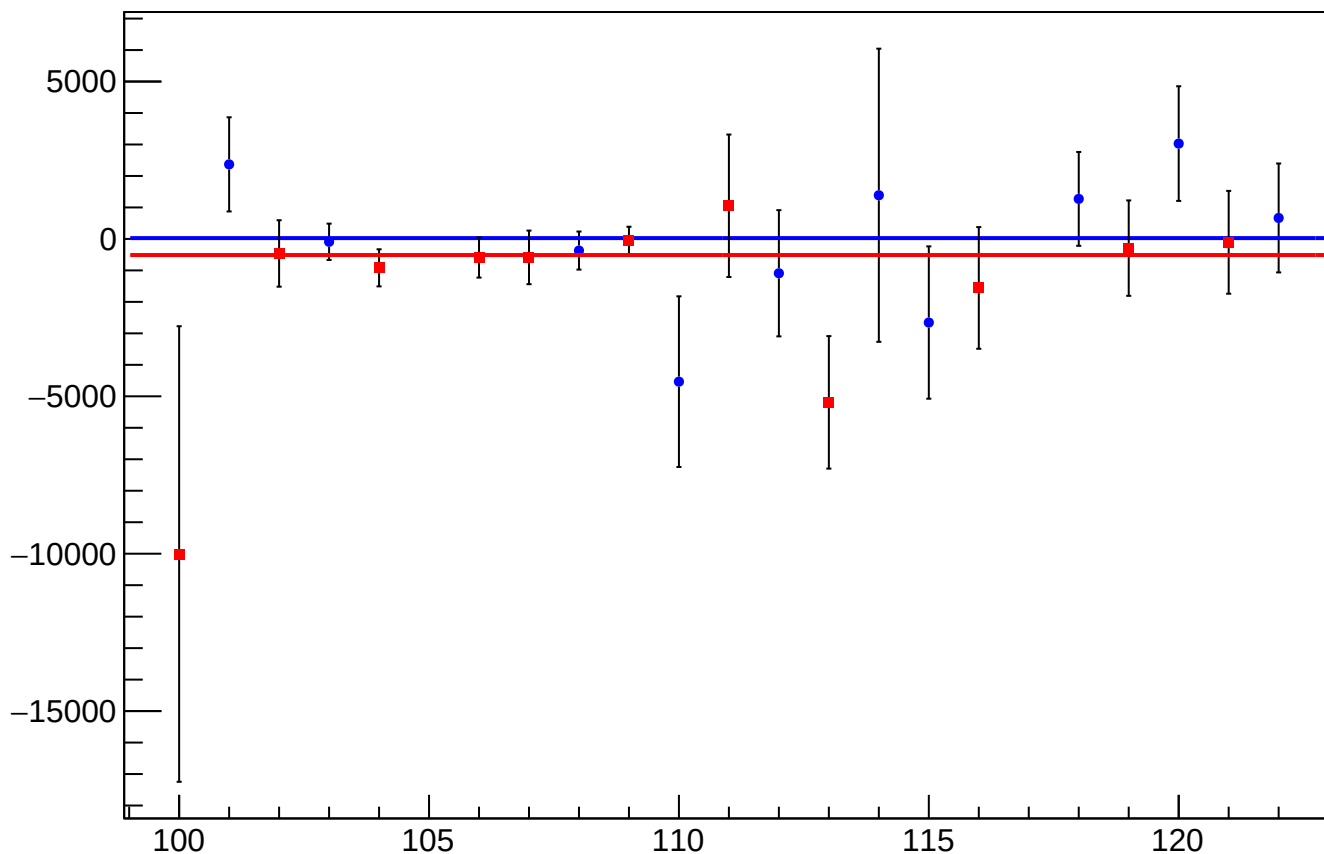
Right: 1350.394 $\pm$ 0.336 χ^2 /NDF: 602258.9/20

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

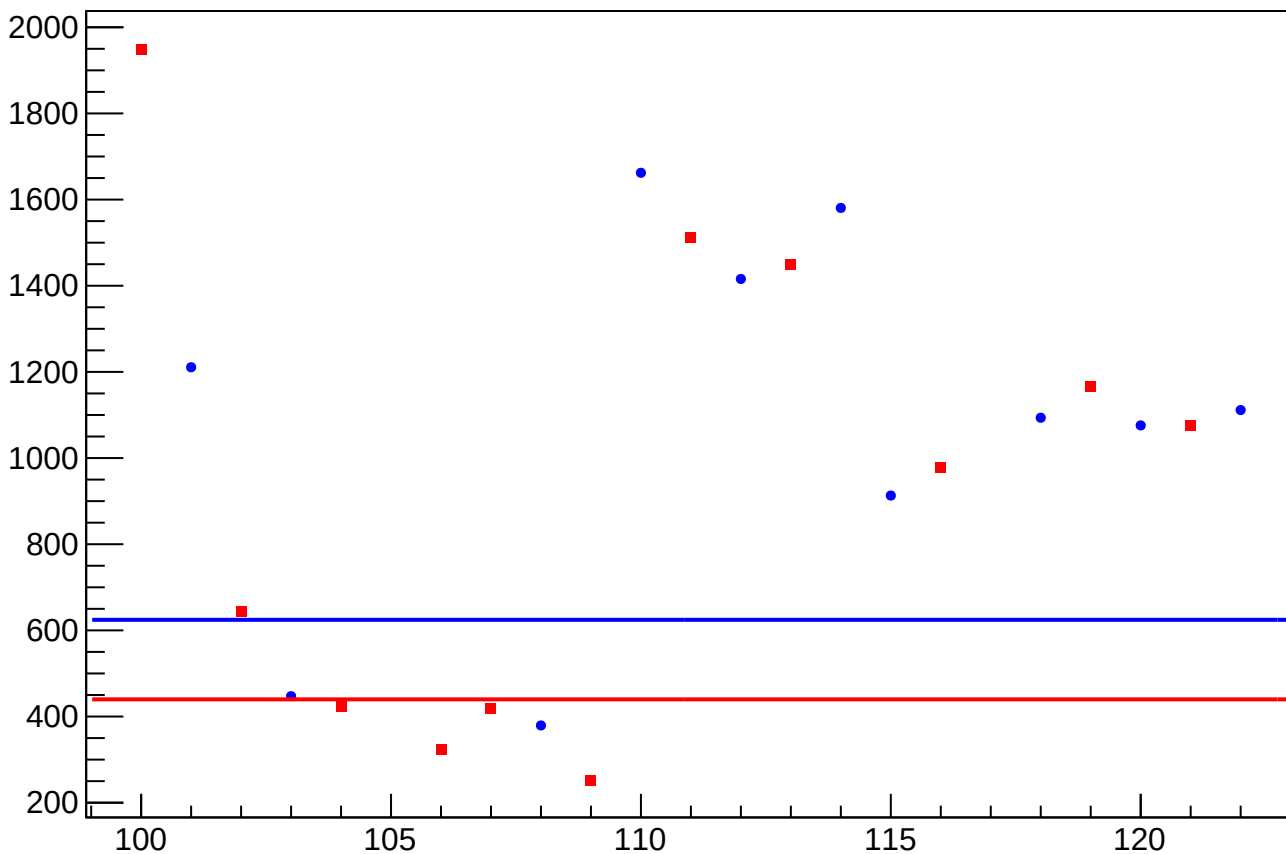
Right: -321.009+/-212.236 χ^2/NDF : 21.5/20

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

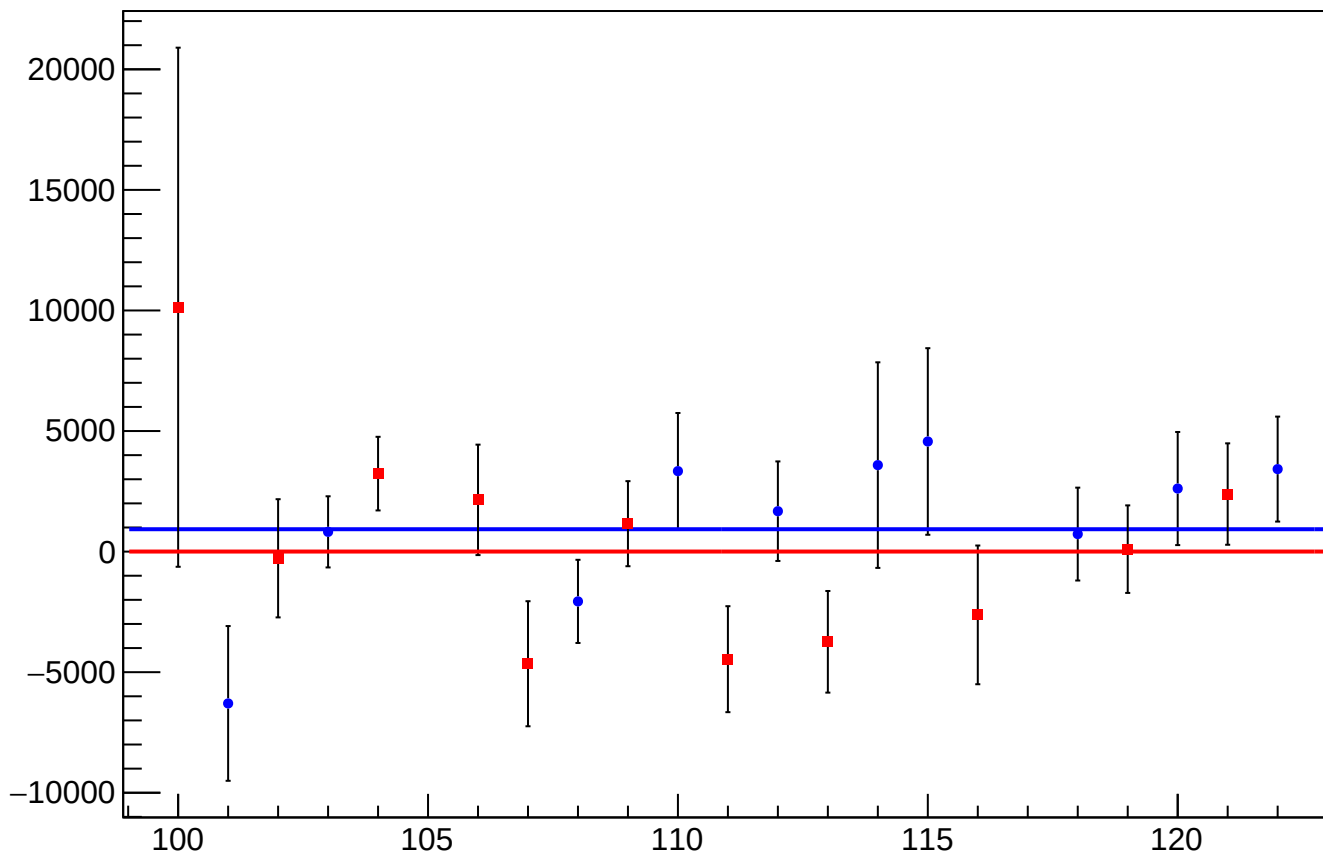
Right: 505.365+/-0.150 χ^2/NDF : 4795033.8/20

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

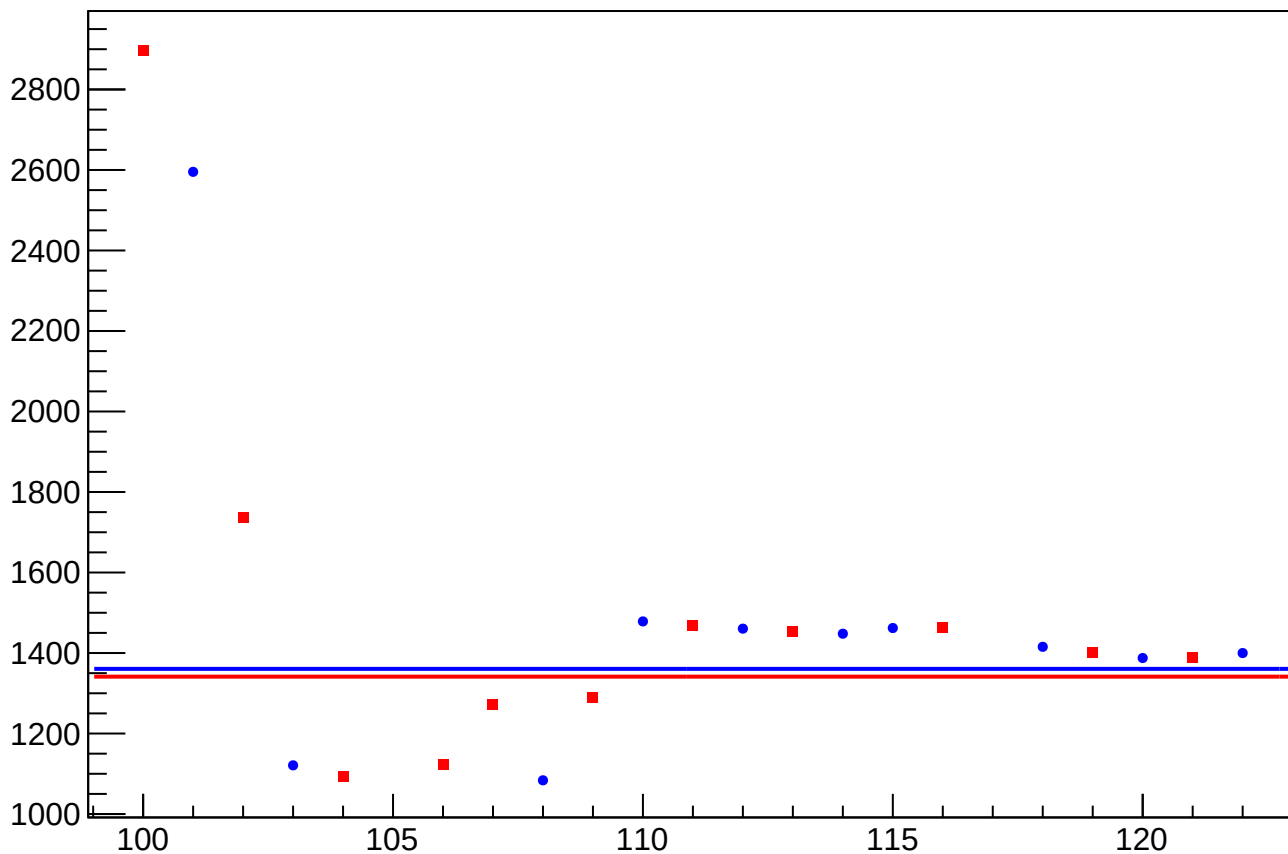
Right: 437.983+/-475.010 χ^2/NDF : 32.6/20

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

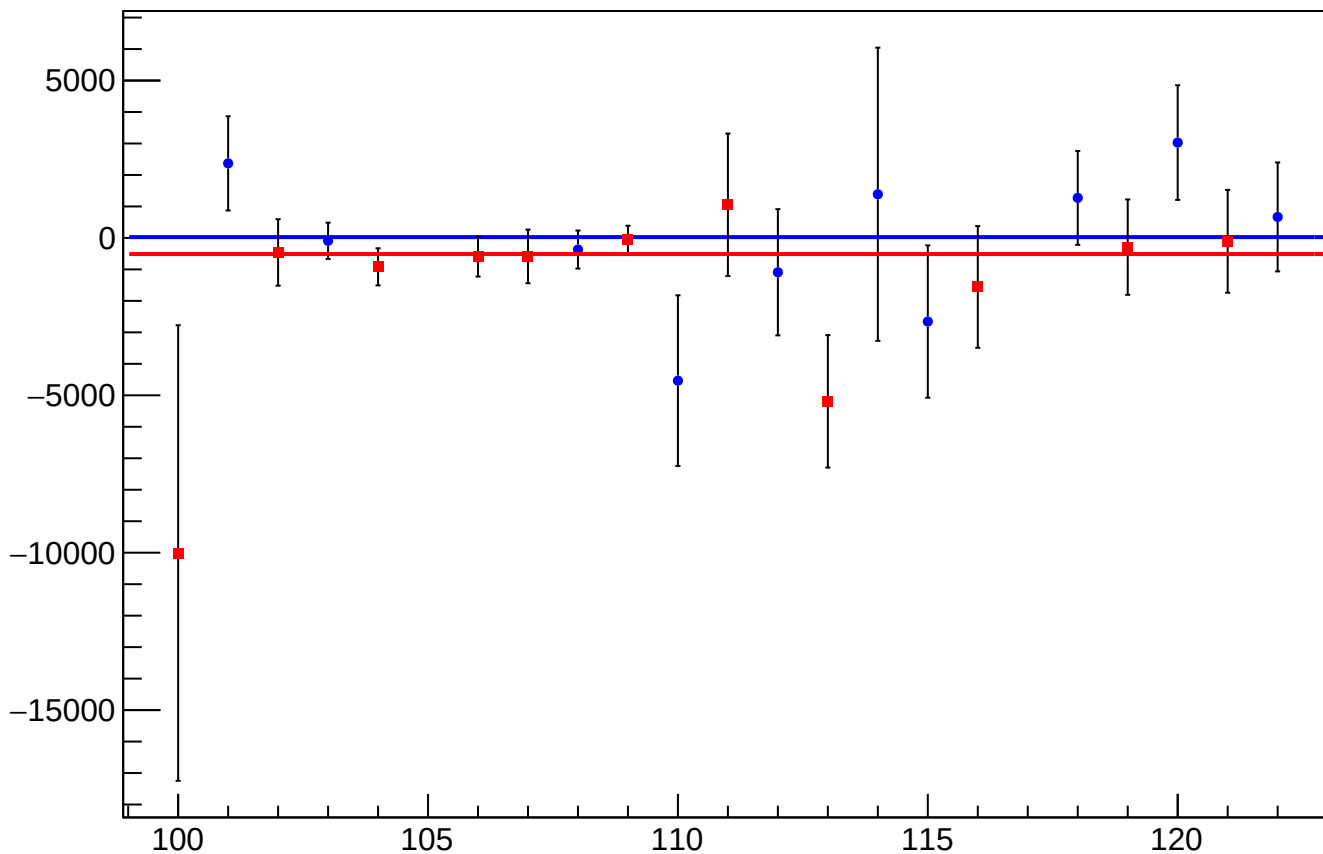
Right: 1350.394+/-0.336 χ^2/NDF : 602258.9/20

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

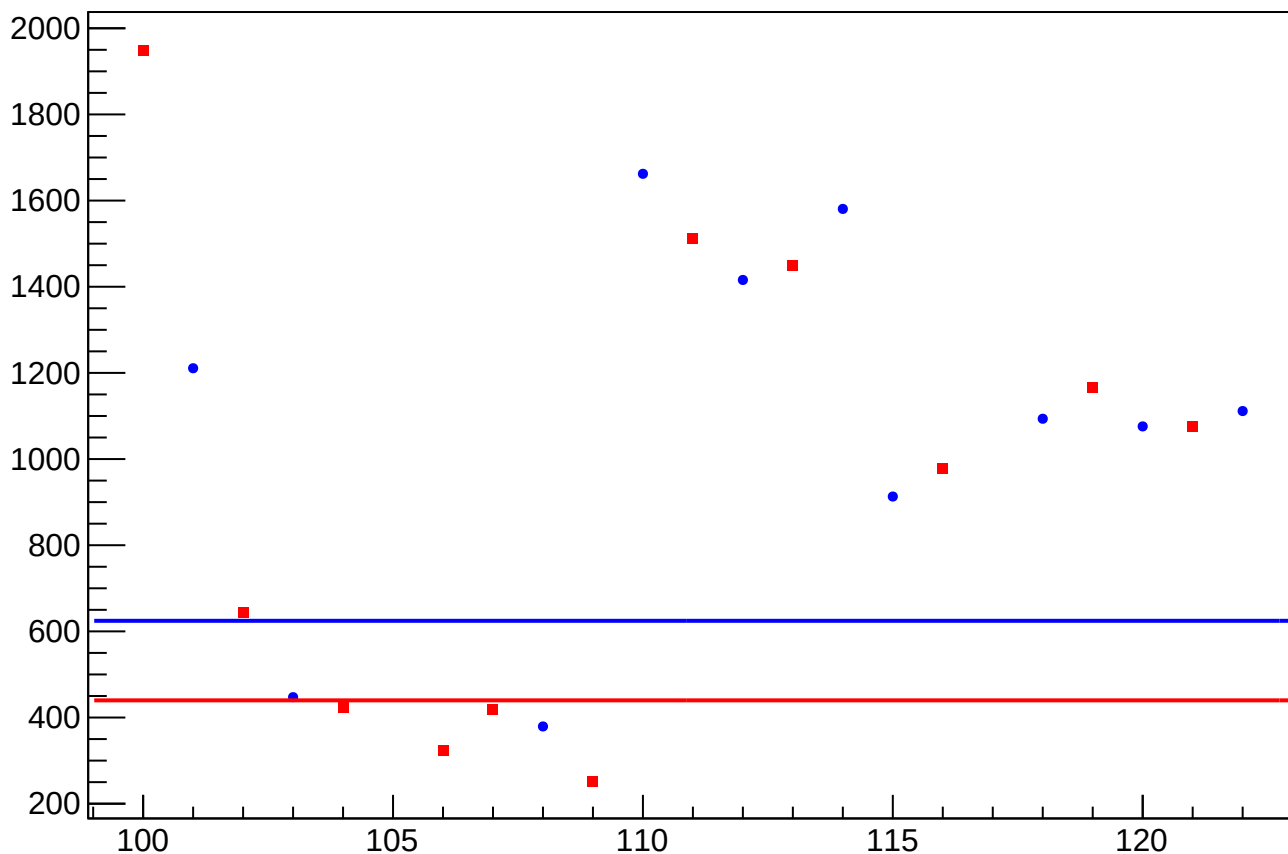
Right: -321.009+/-212.236 χ^2/NDF : 21.5/20

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

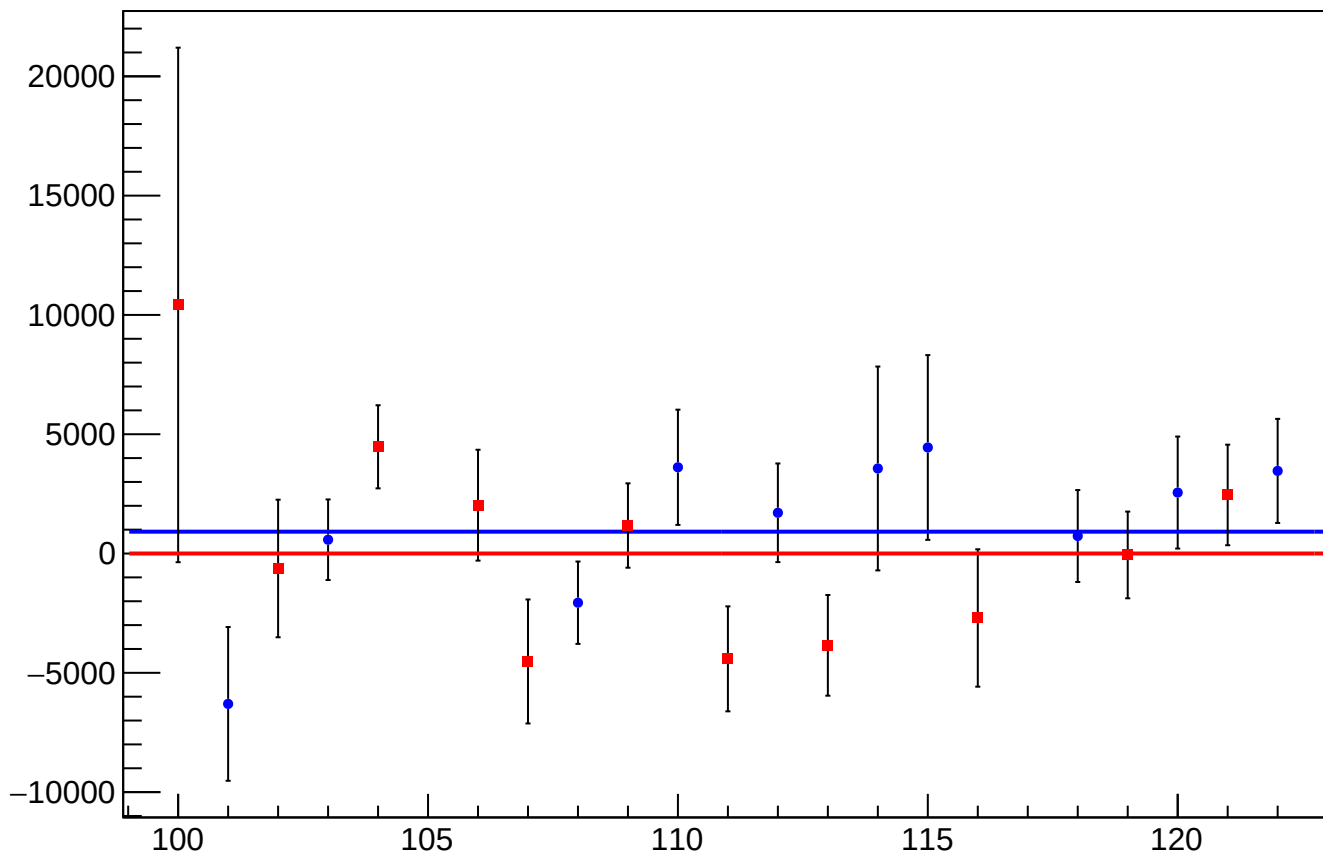
Right: 505.365+/-0.150 χ^2/NDF : 4795033.8/20

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

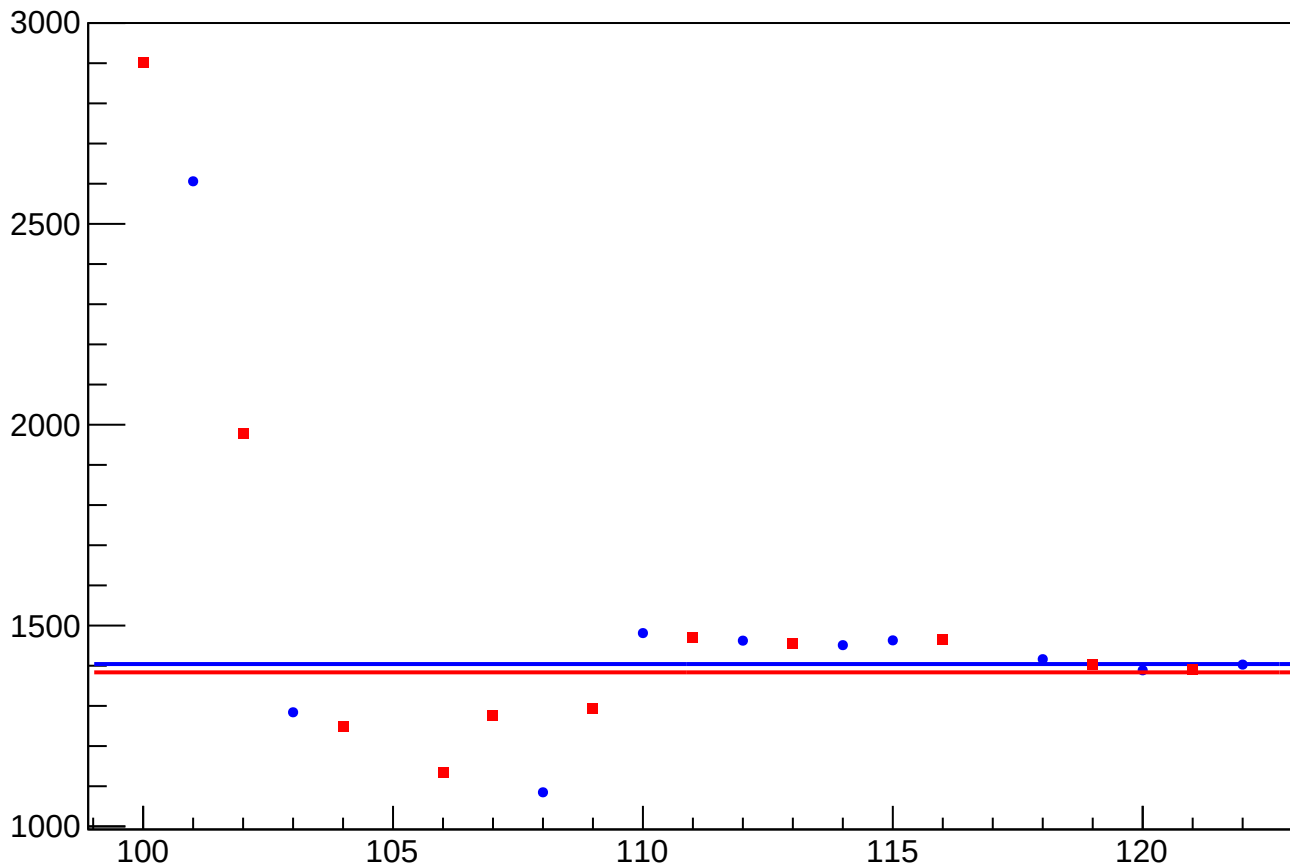
Right: 434.145+/-490.133 χ^2 /NDF: 34.8/20

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

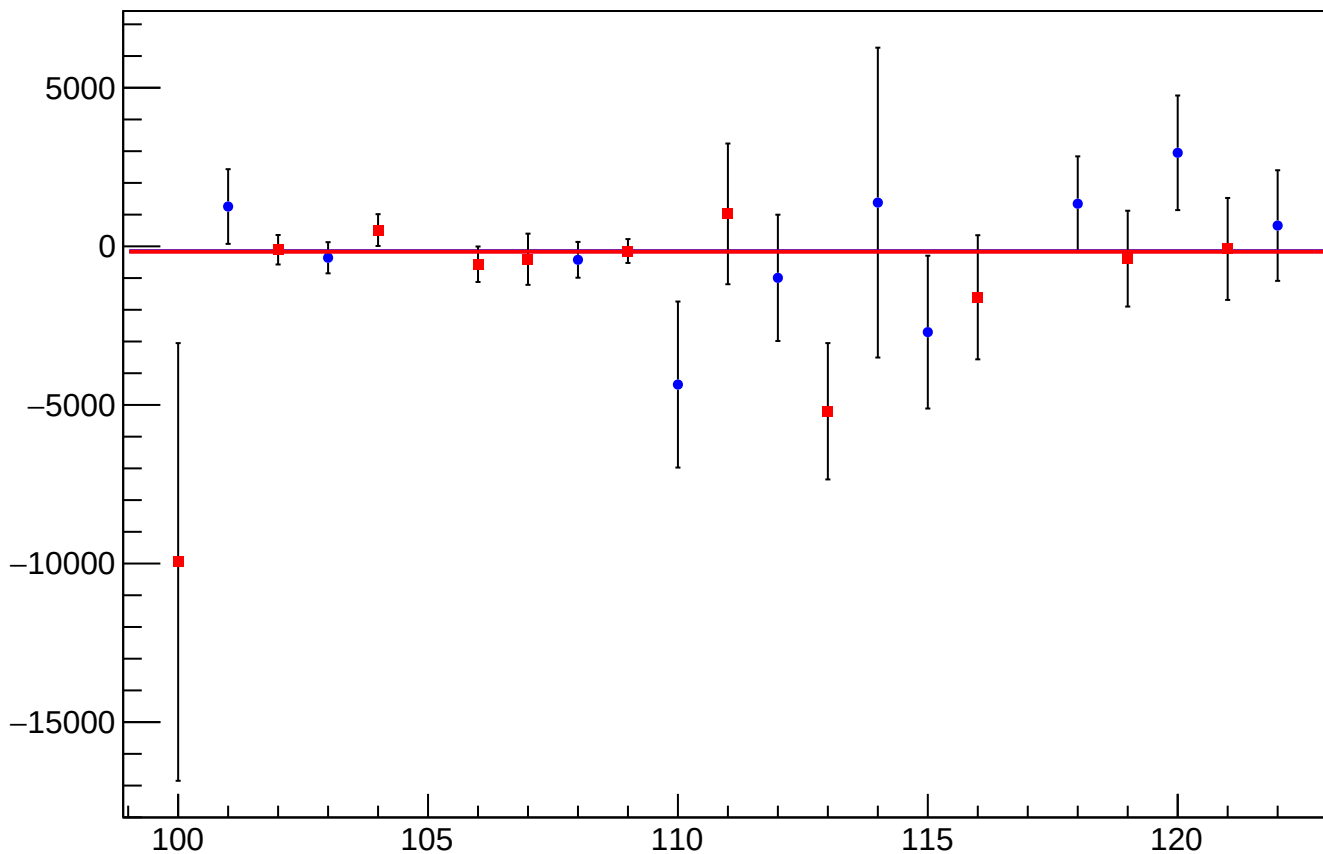
Right: 1393.300+/-0.347 χ^2/NDF : 538107.1/20

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

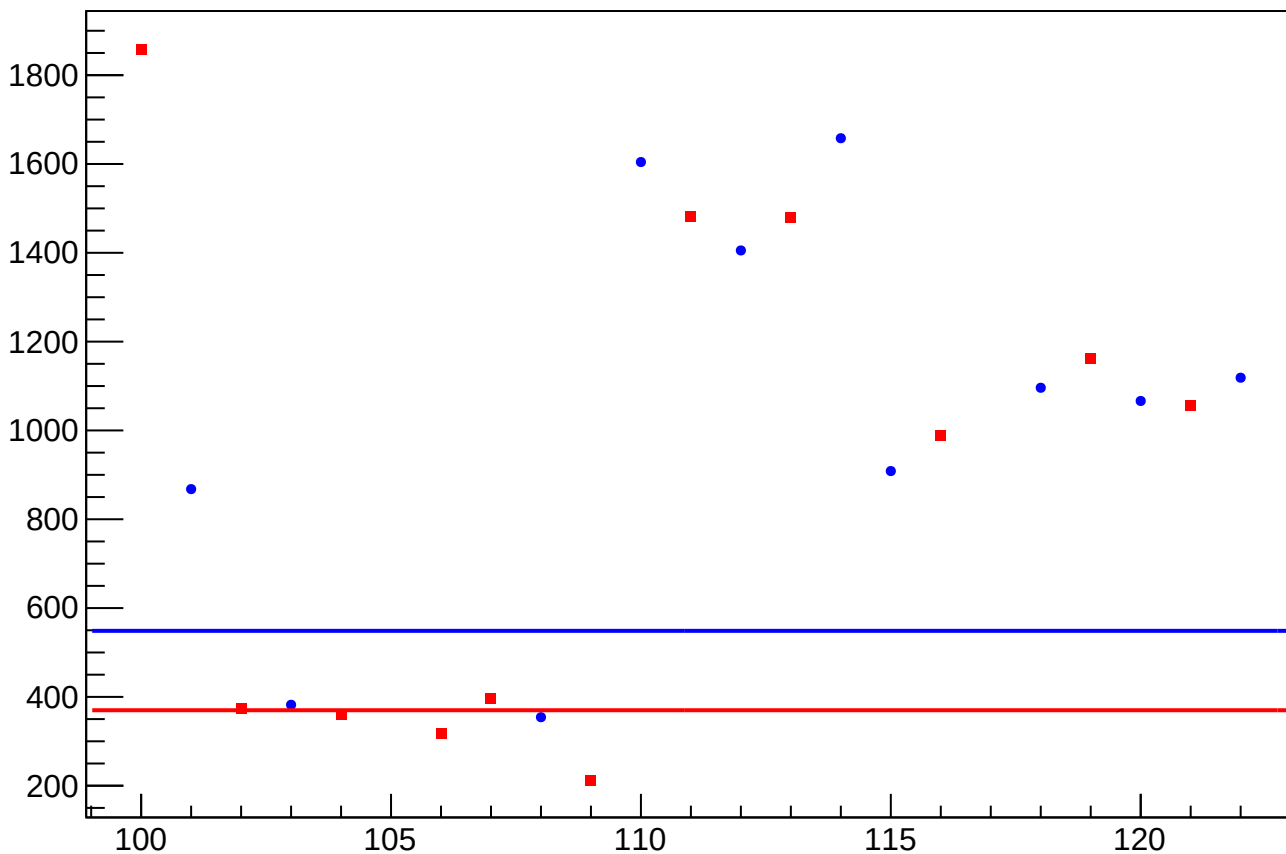
Right: -163.122 ± 177.786 χ^2/NDF : 20.8/20

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

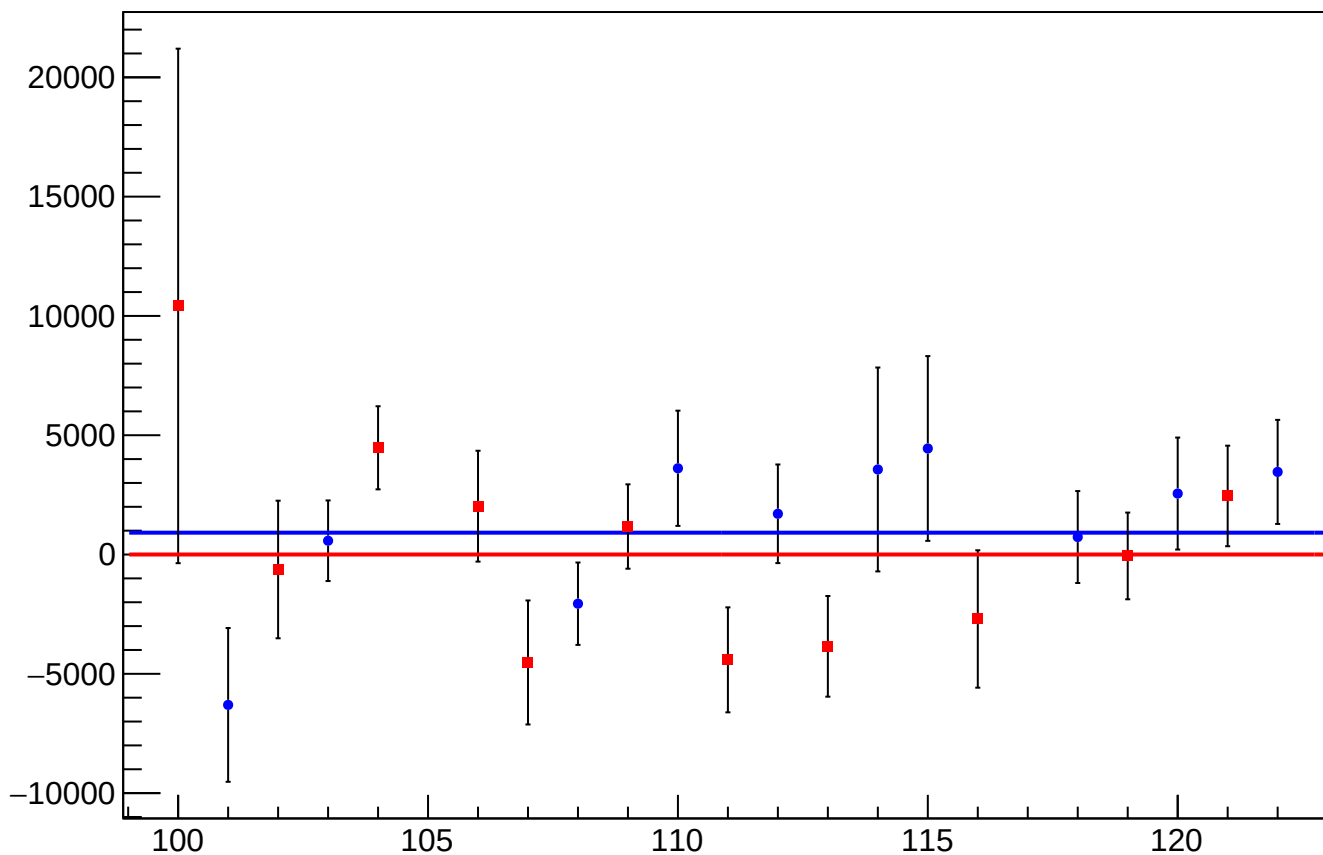
Right: 424.758+/-0.126 χ^2/NDF : 5152810.6/20

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

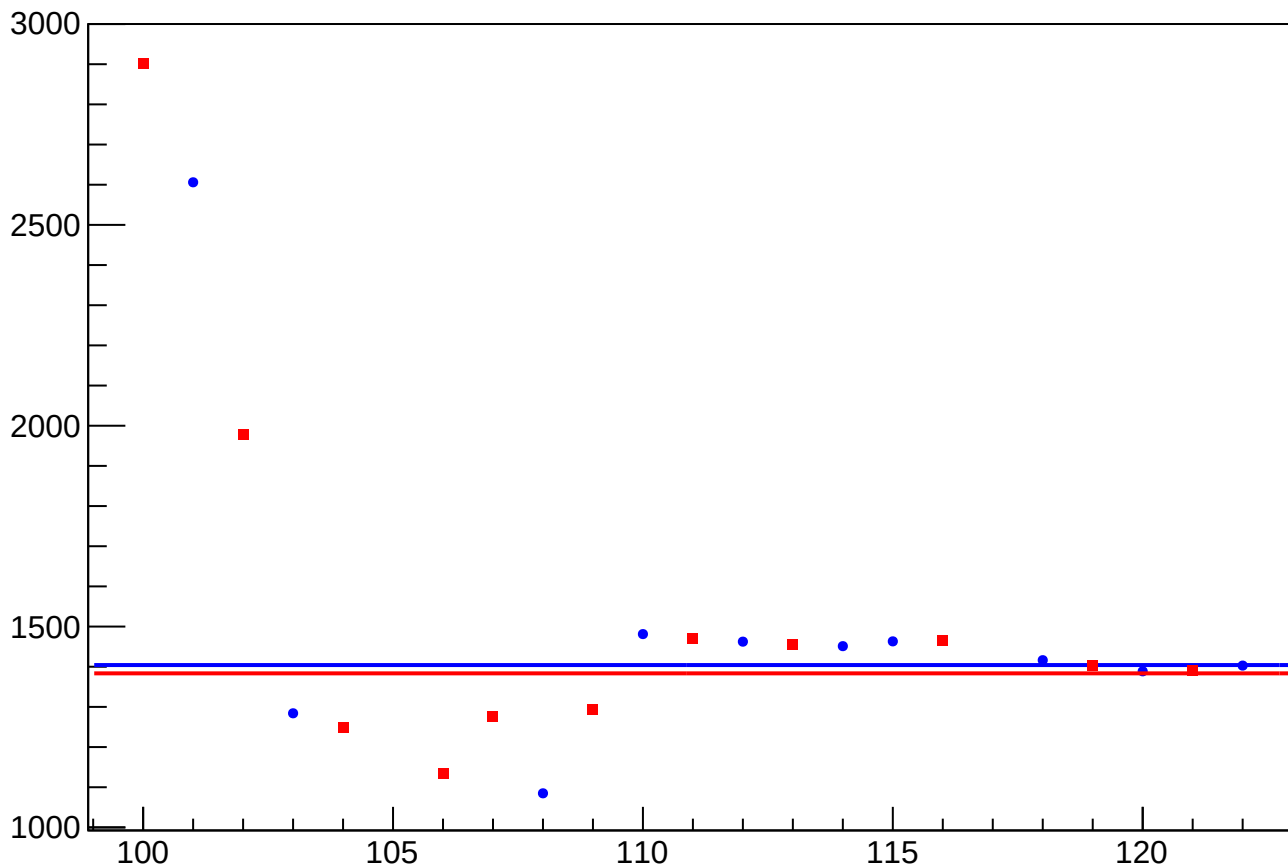
Right: 434.140+/-490.133 χ^2/NDF : 34.8/20

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

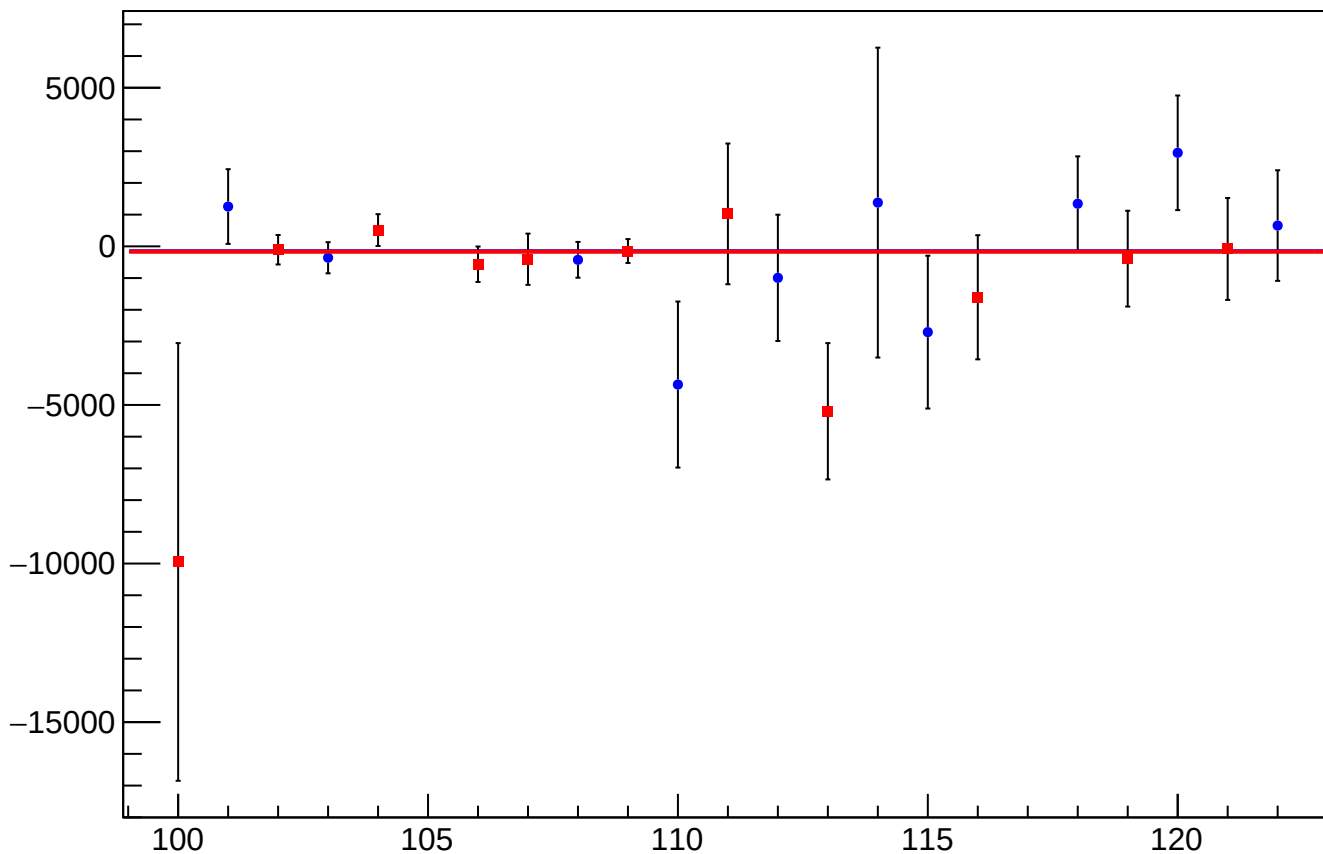
Right: 1393.300+/-0.347 χ^2/NDF : 538106.7/20

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

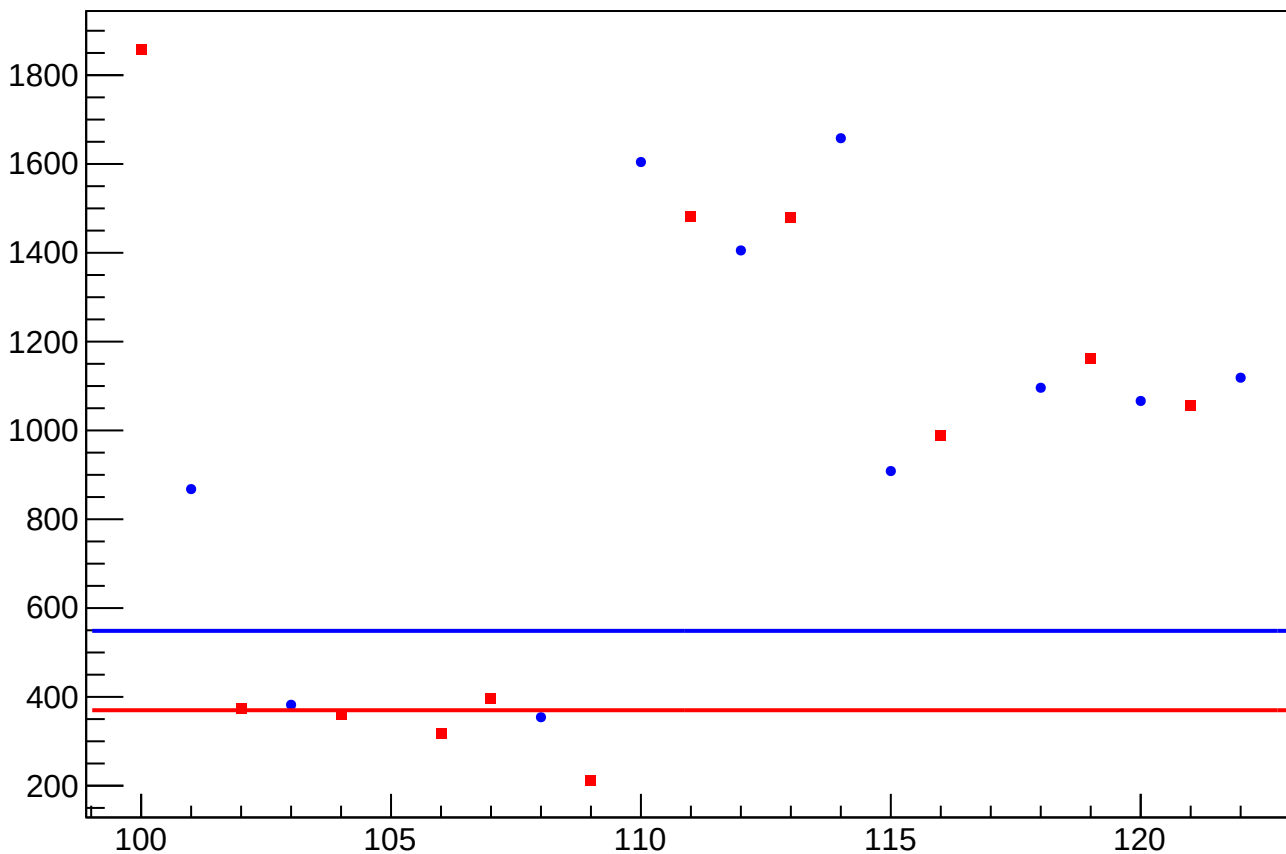
Right: -163.121 ± 177.786 χ^2/NDF : 20.8/20

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

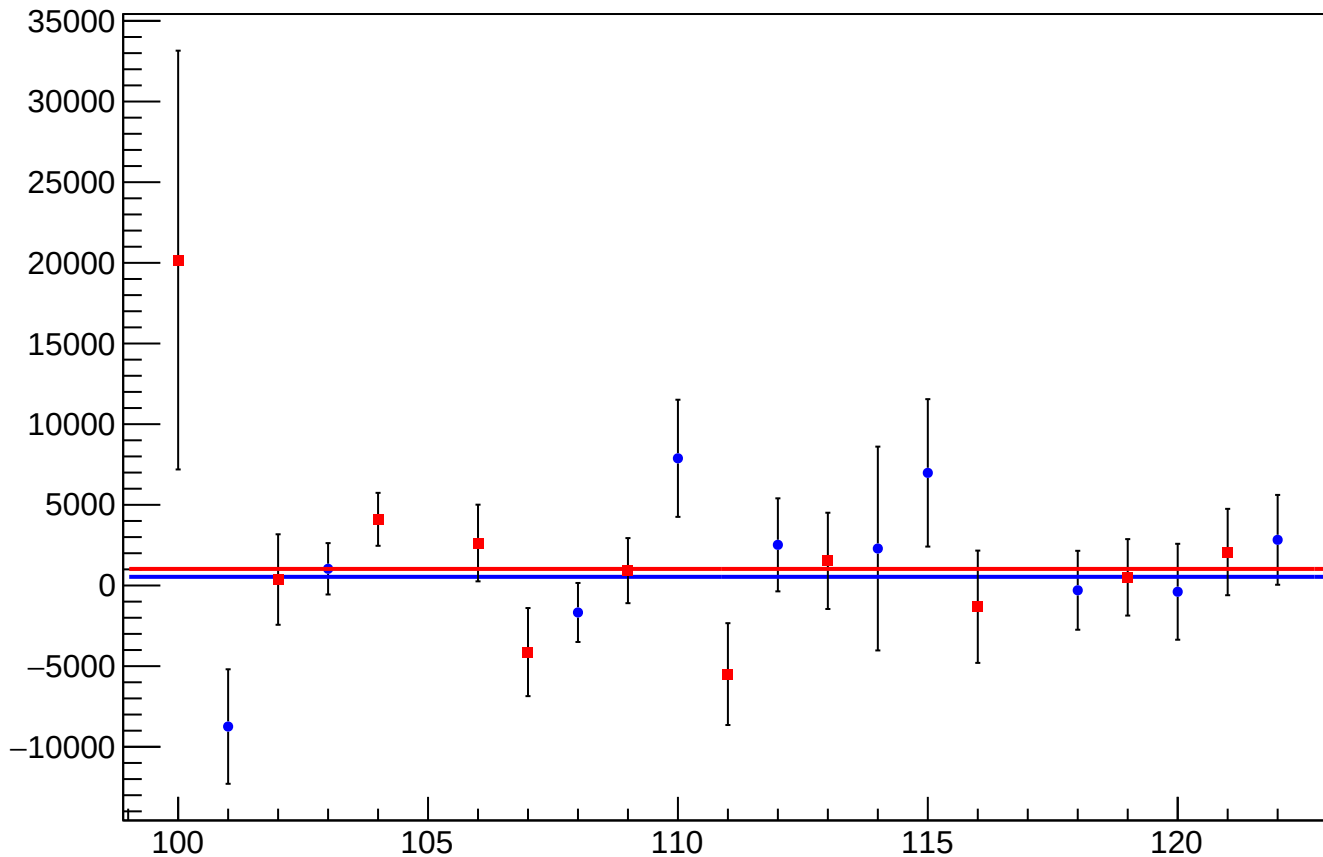
Right: 424.760+/-0.126 χ^2/NDF : 5152738.8/20

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+/-830.171 χ^2/NDF : 15.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.450+/-772.832 χ^2/NDF : 14.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

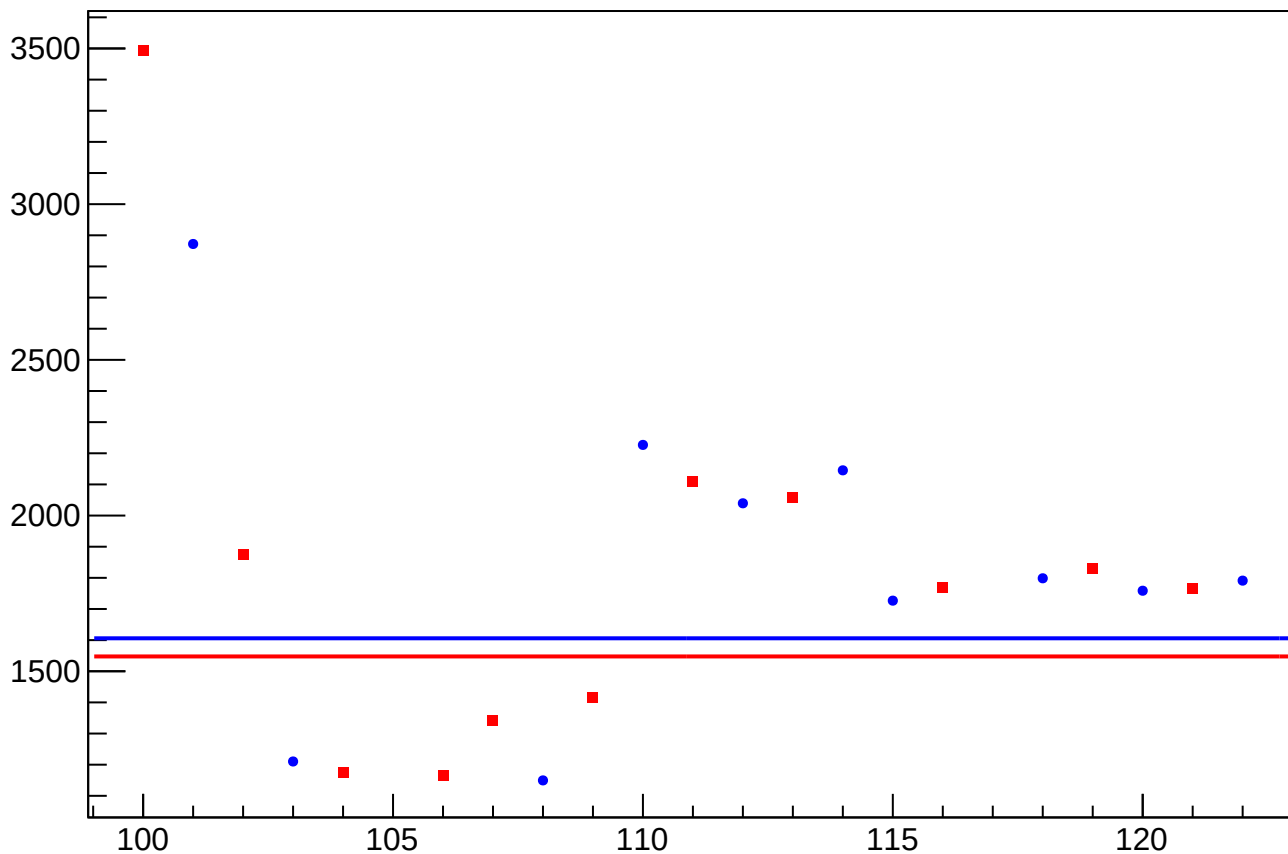
Right: 799.515+/-565.660 χ^2/NDF : 30.8/20

In: 536.503+/-830.171 χ^2/NDF : 15.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.515+/-565.660 χ^2/NDF : 30.8/20

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1605.857 ± 0.587 χ^2/NDF : 648776.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1547.578 ± 0.546 χ^2/NDF : 418160.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

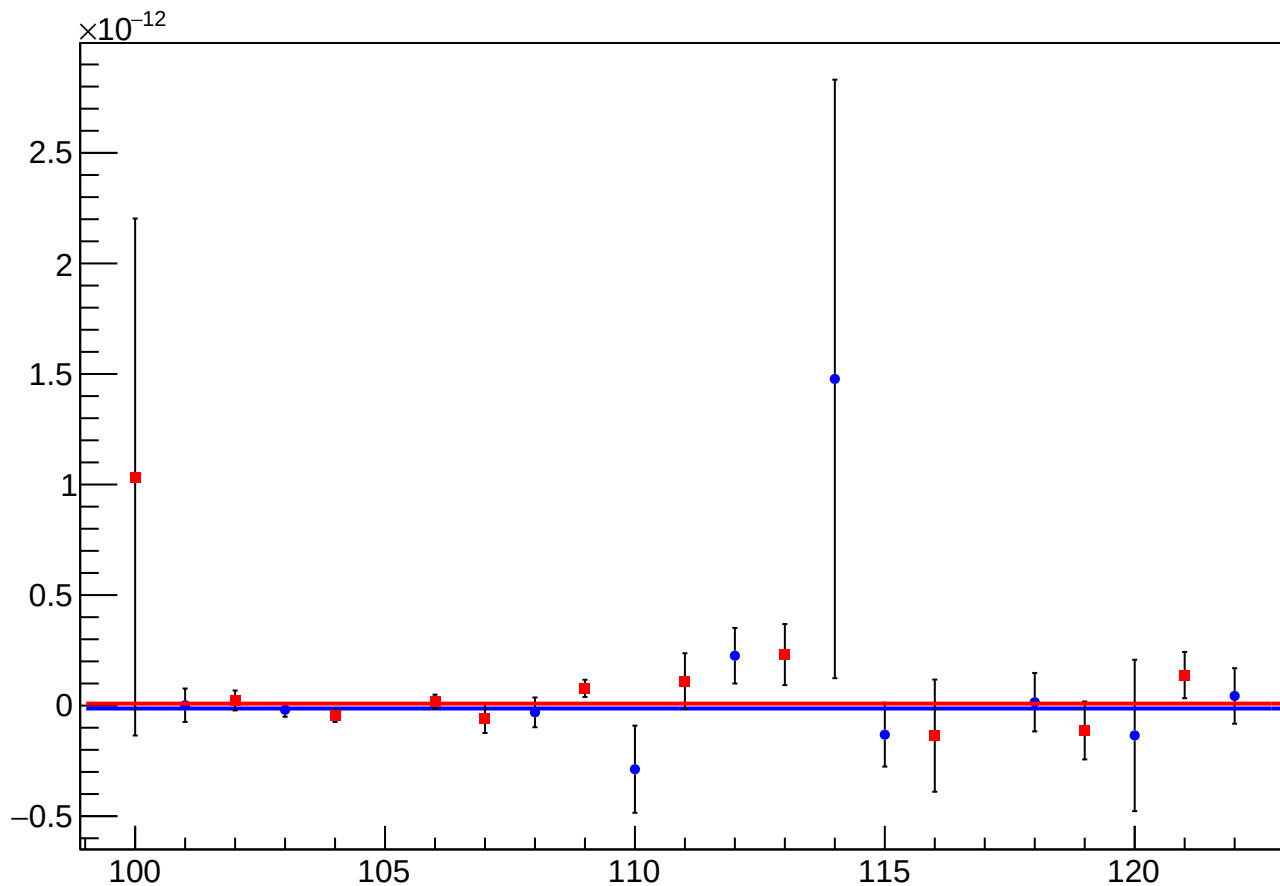
Right: 1574.635 ± 0.400 χ^2/NDF : 1072217.6/20

In: 1605.857 ± 0.587 χ^2/NDF : 648776.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1574.635 ± 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

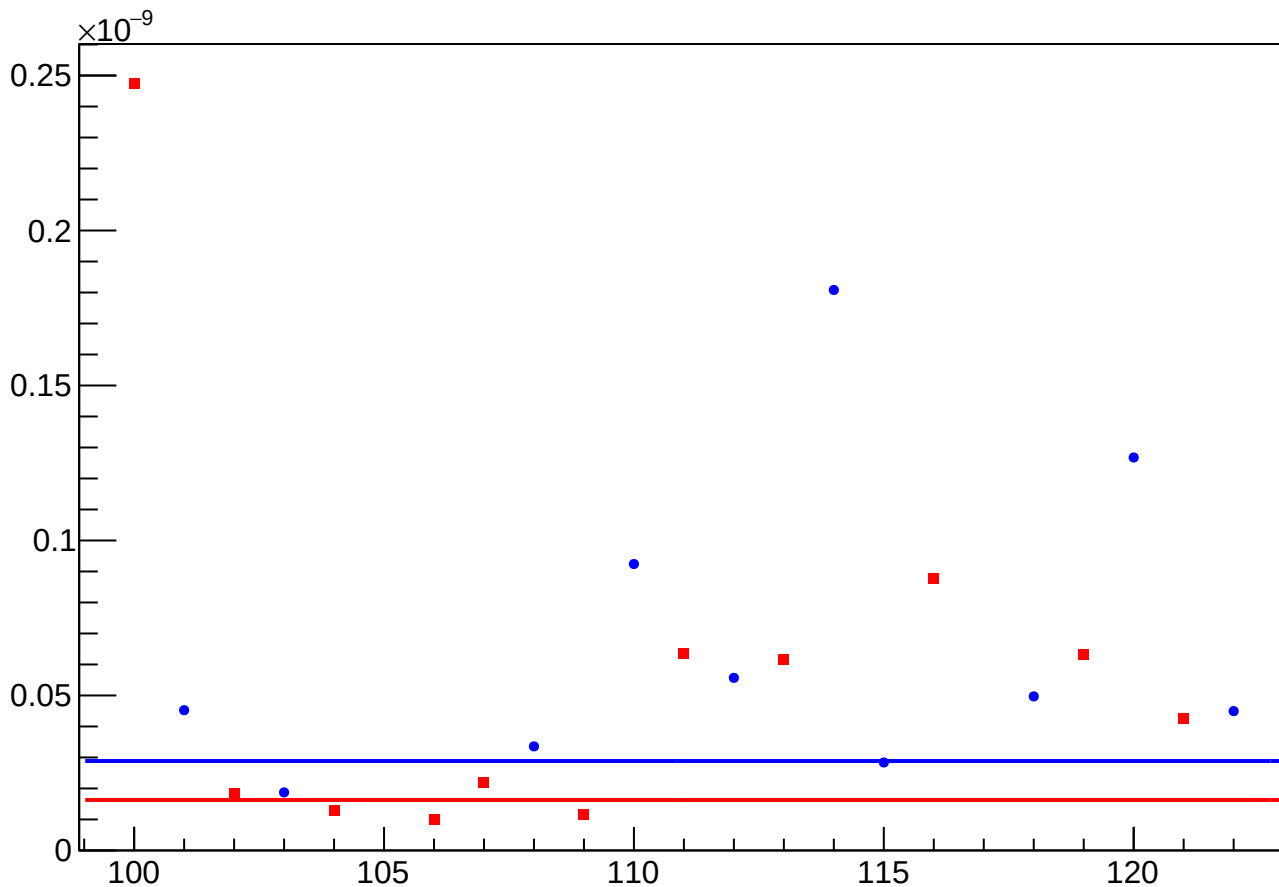
Right: 0.000+/-0.000 χ^2/NDF : 23.3/20

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

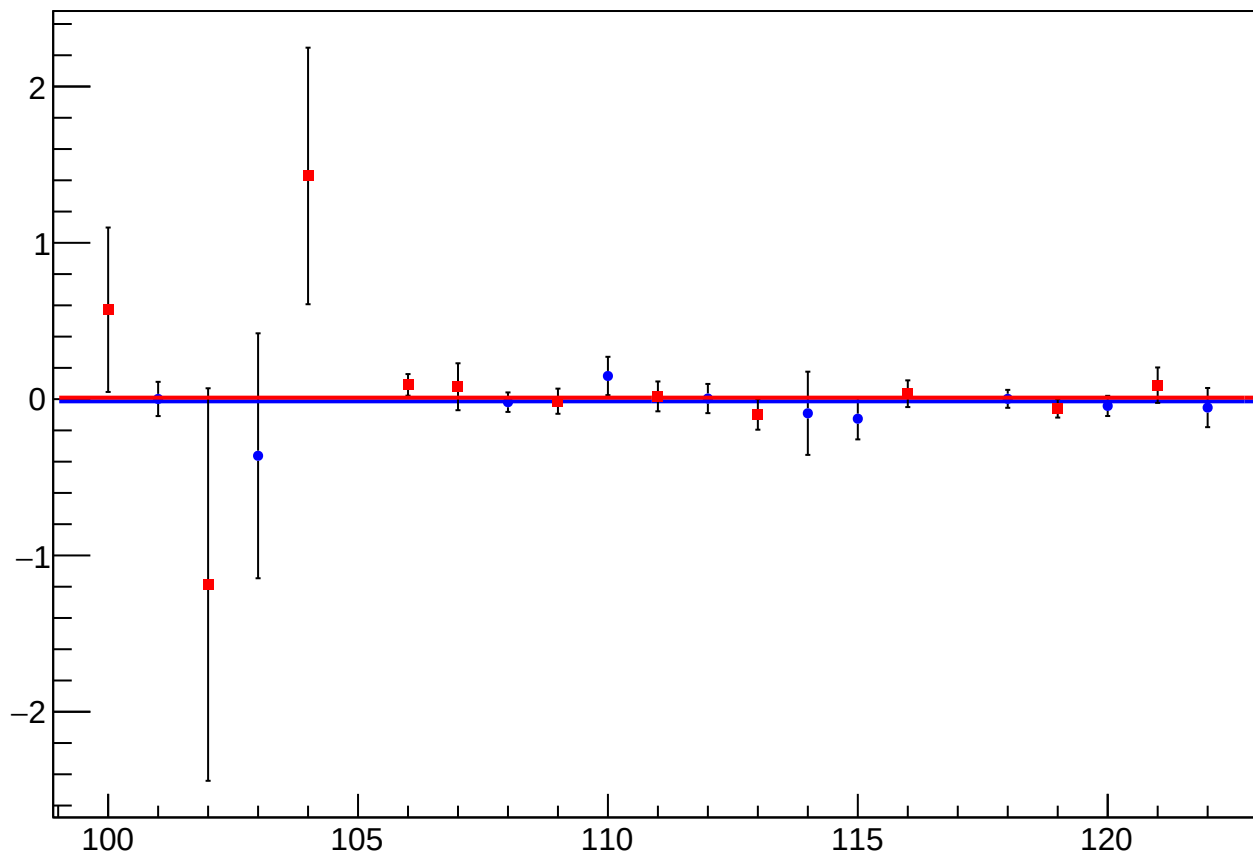
Right: 0.000+/-0.000 χ^2/NDF : 2539581.9/20

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

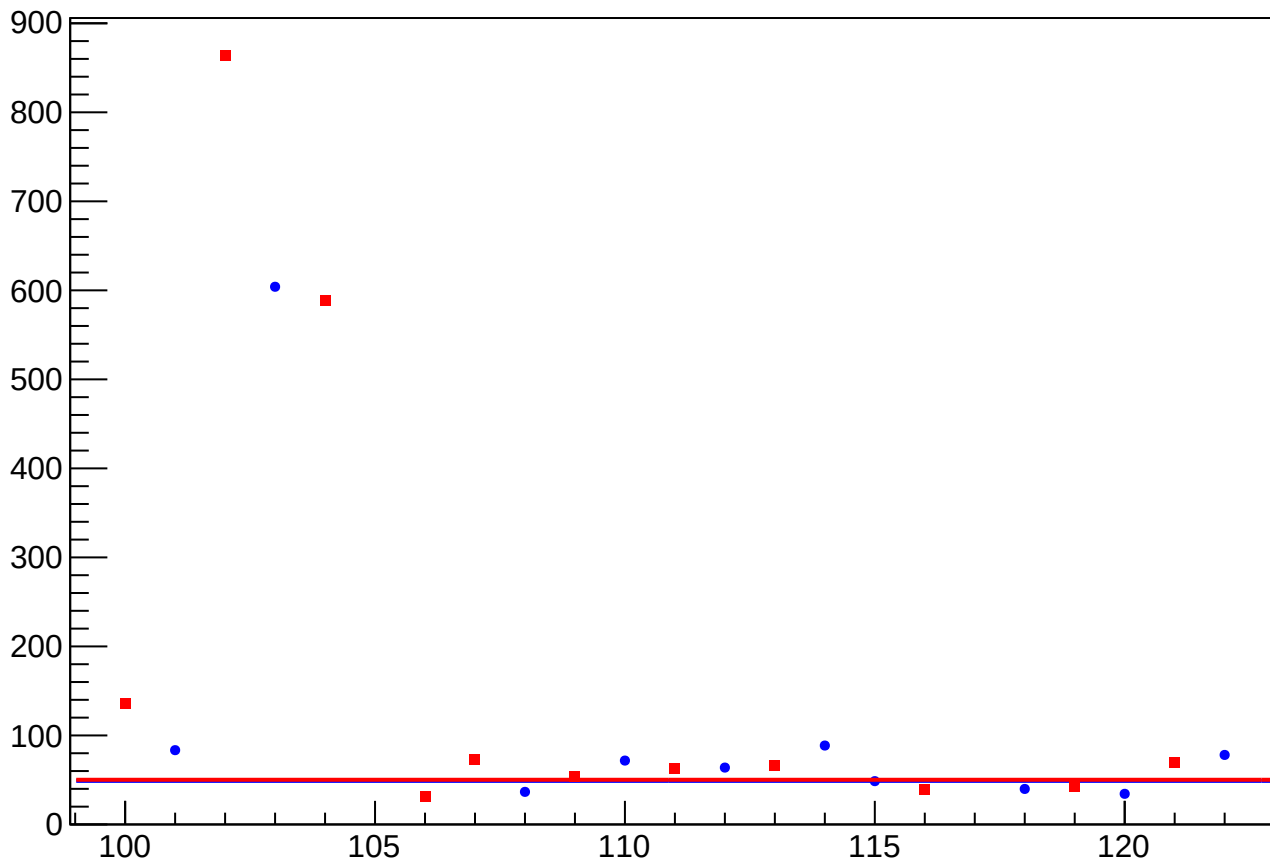
asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

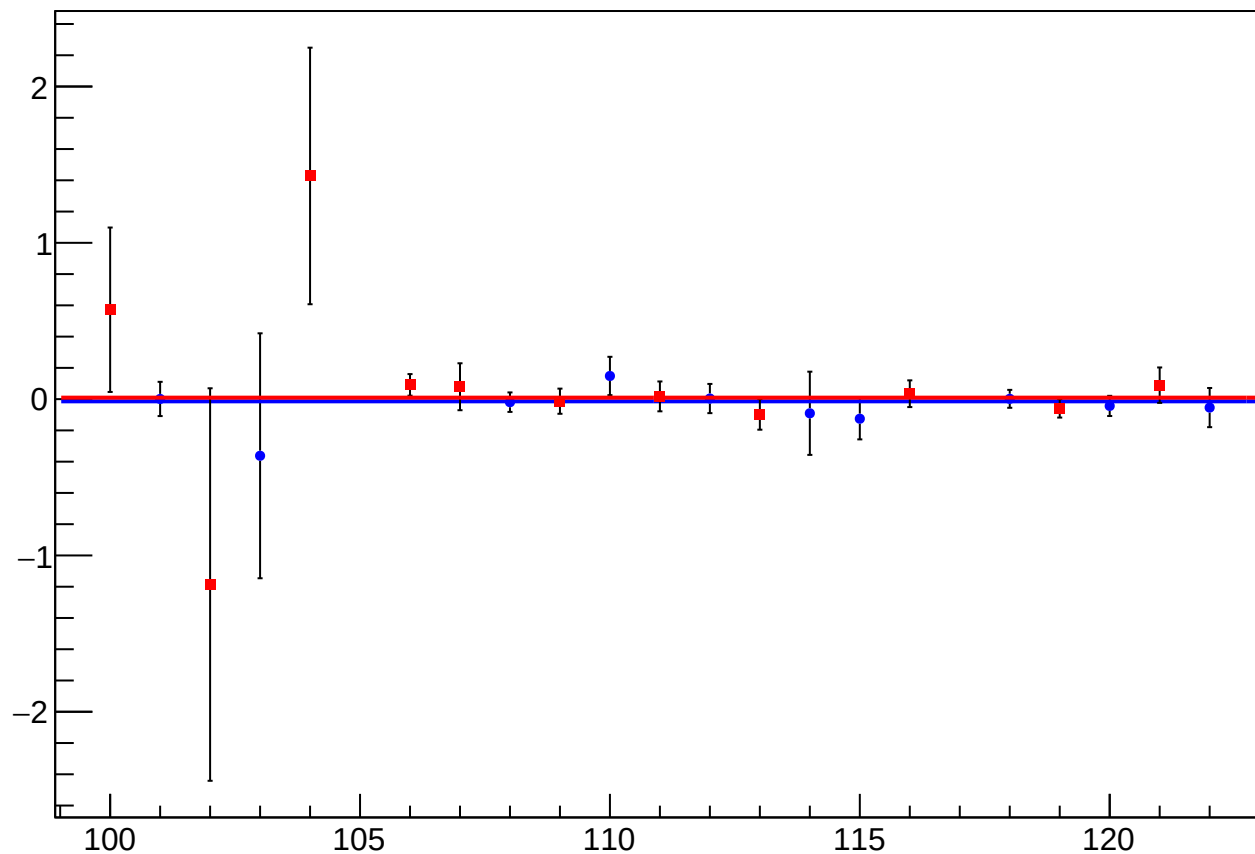
Right: 49.552+/-0.015 χ^2/NDF : 3871374.2/20

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

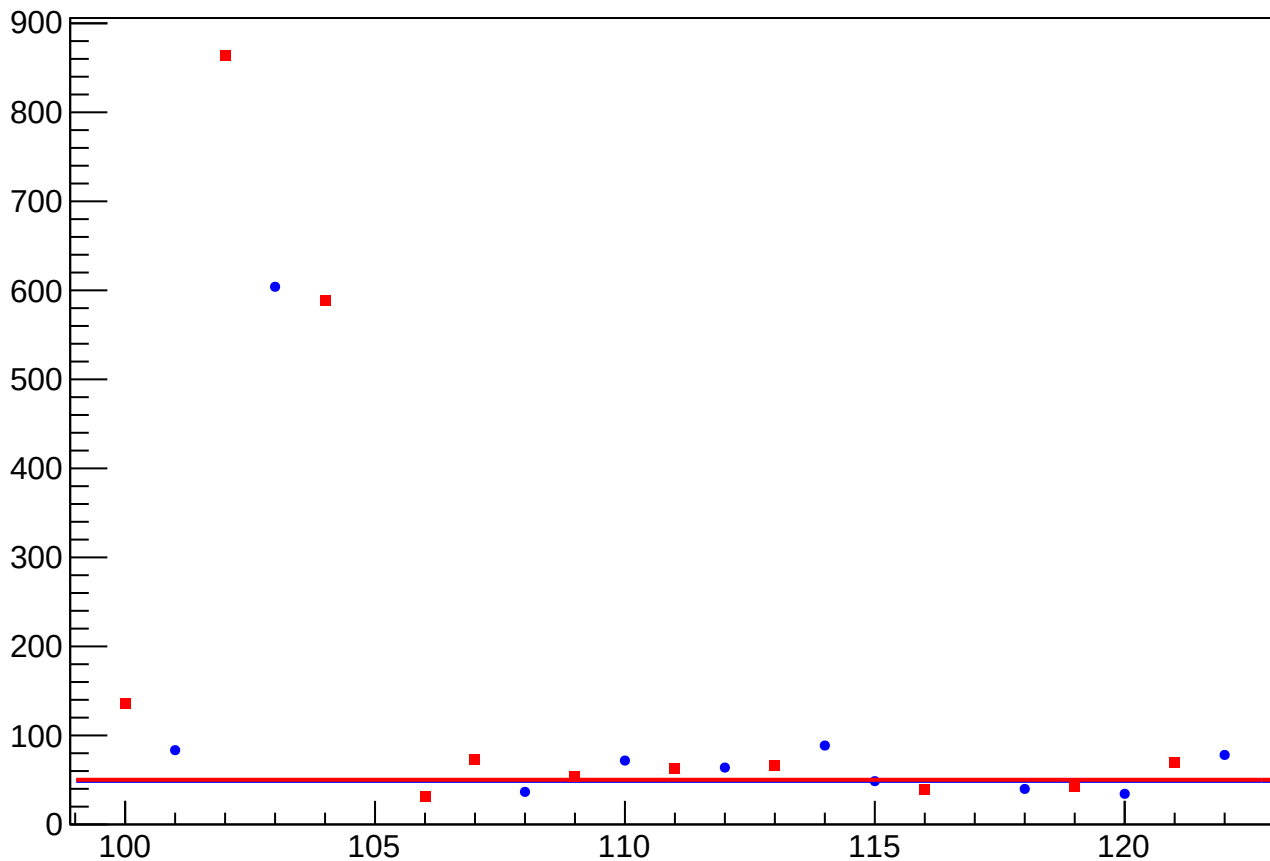
Right: -0.003+/-0.021 χ^2/NDF : 13.4/20

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

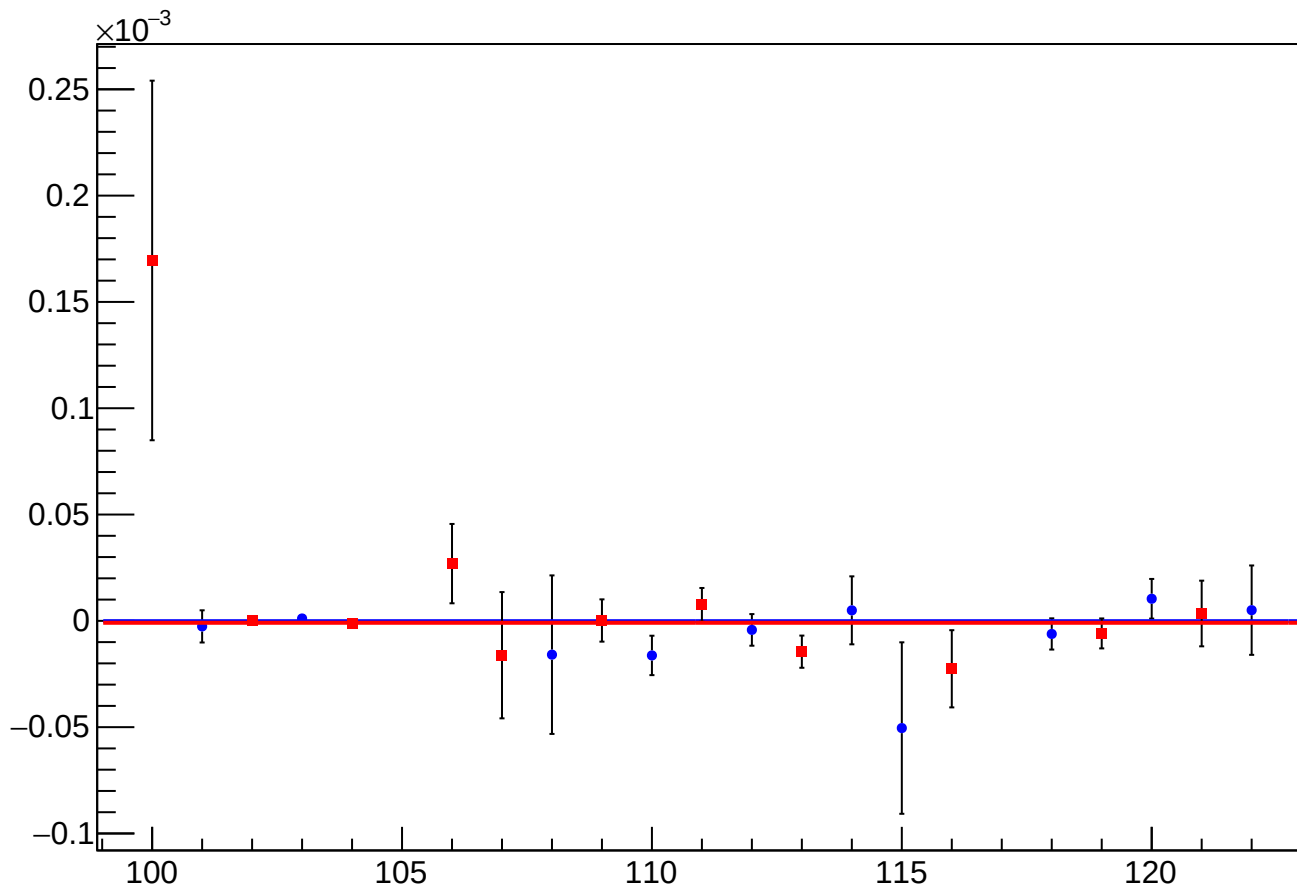
Right: 49.552+/-0.015 χ^2/NDF : 3871374.2/20

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

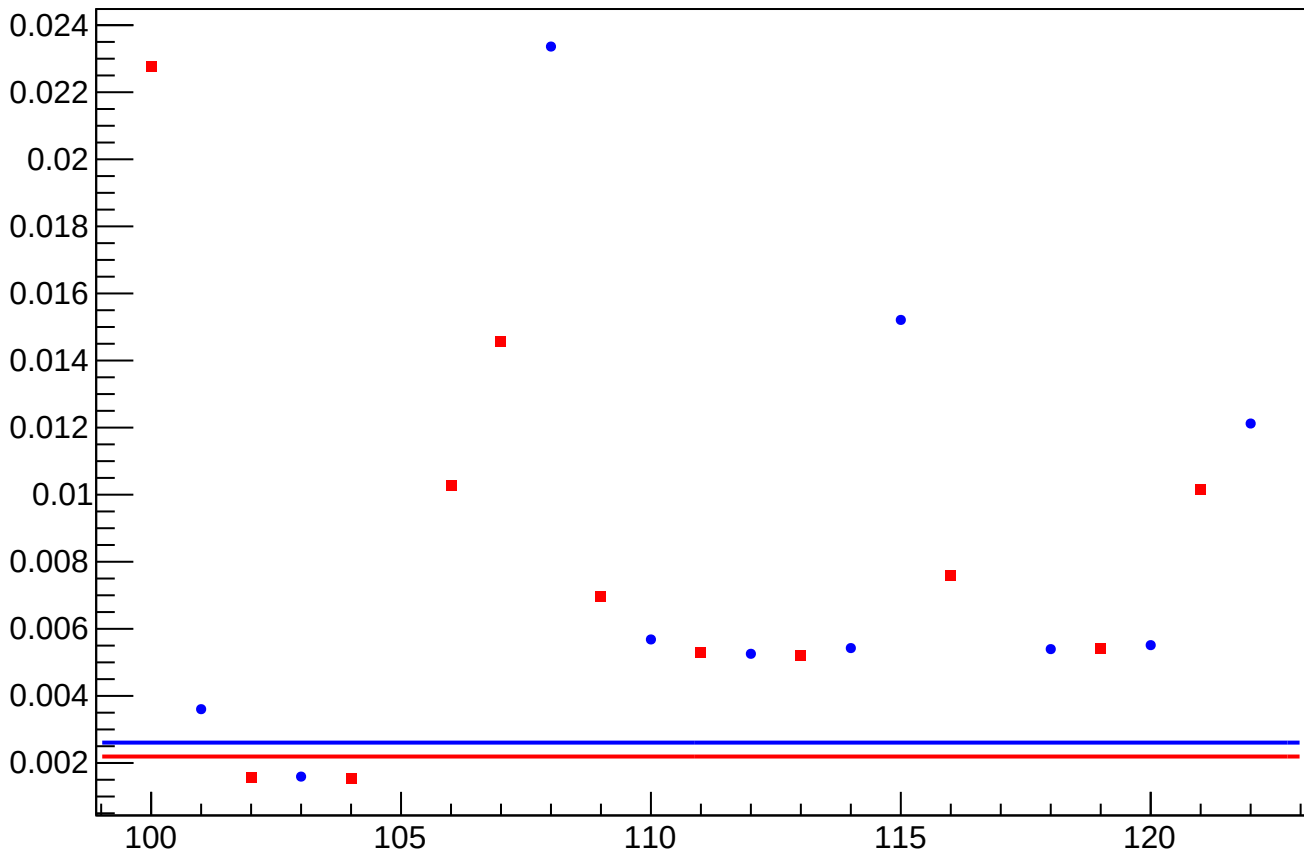
Right: -0.000+/-0.000 χ^2/NDF : 20.9/20

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

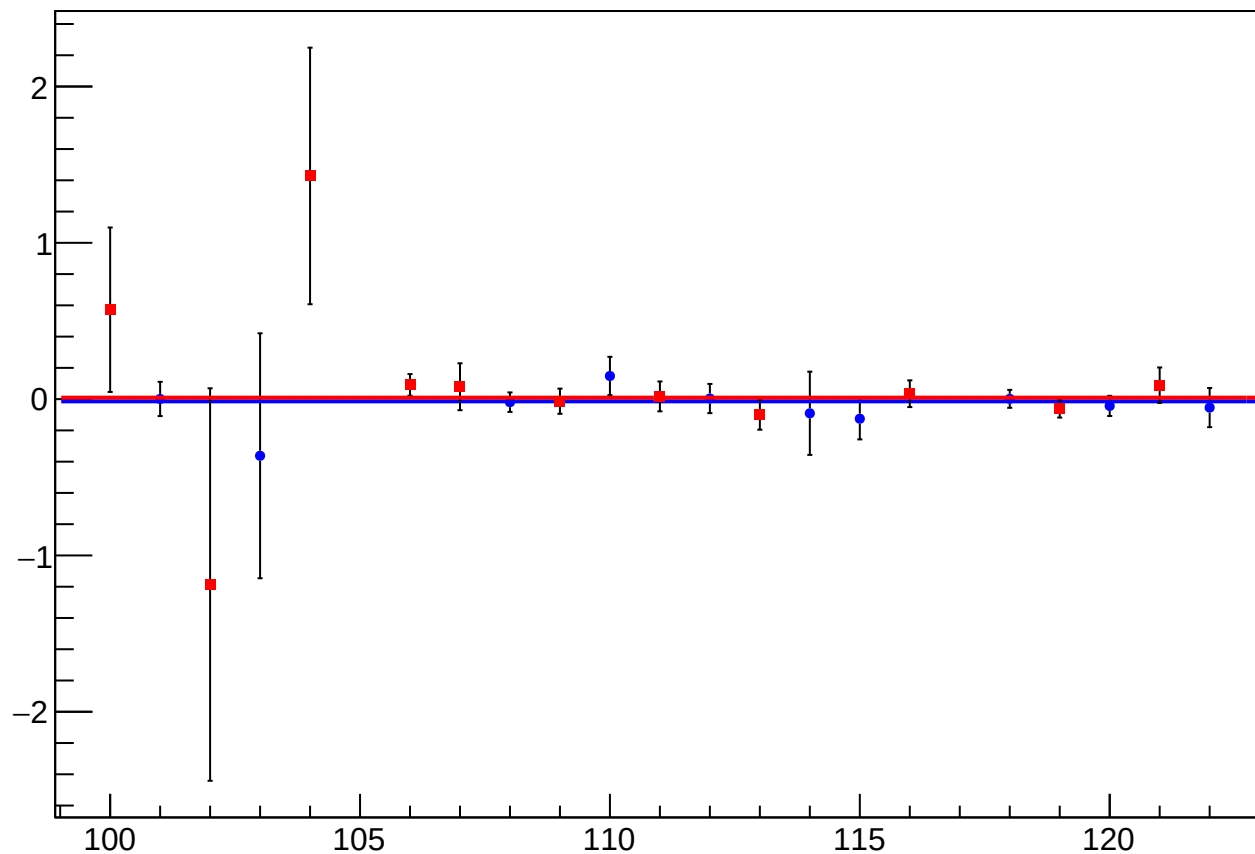
Right: 0.002+/-0.000 χ^2/NDF : 6286078.2/20

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

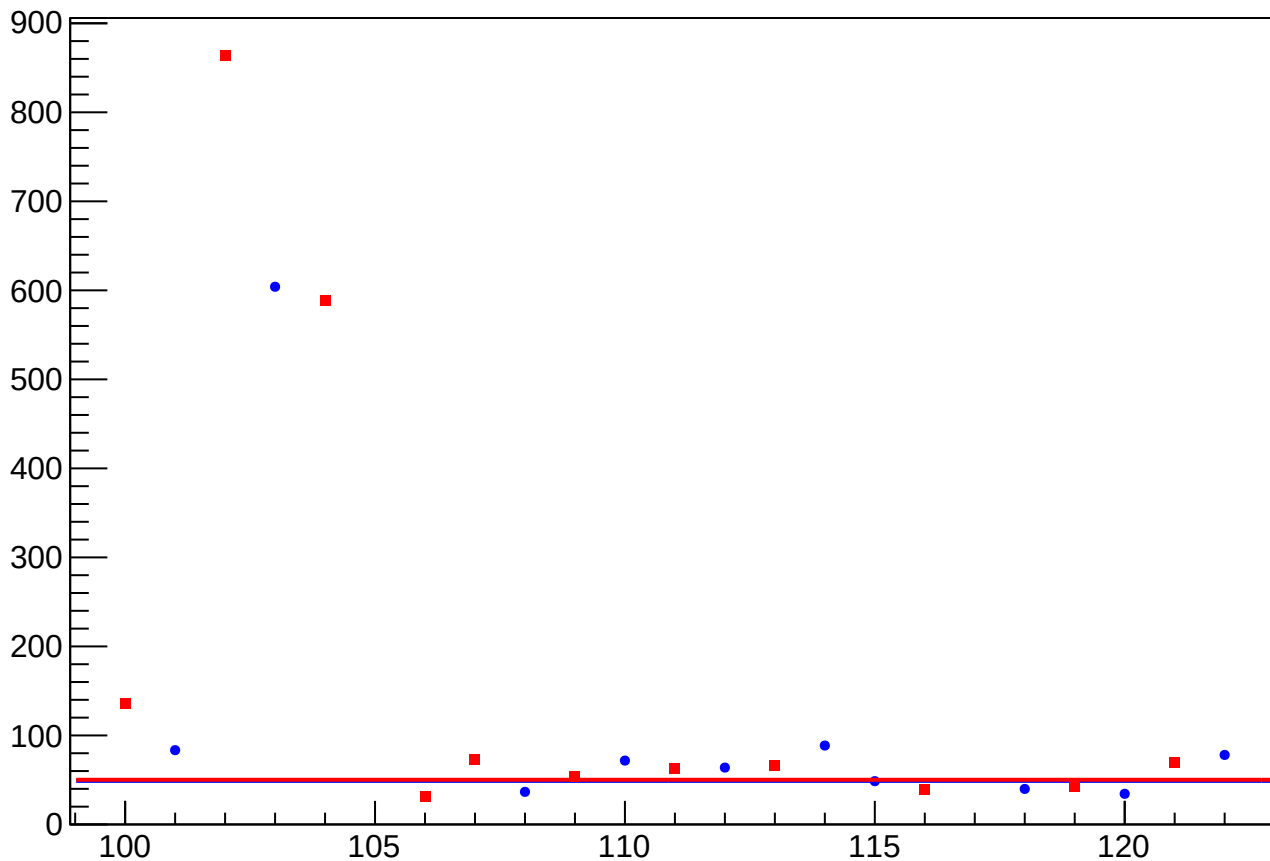
Right: -0.003 ± 0.021 χ^2/NDF : 13.4/20

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

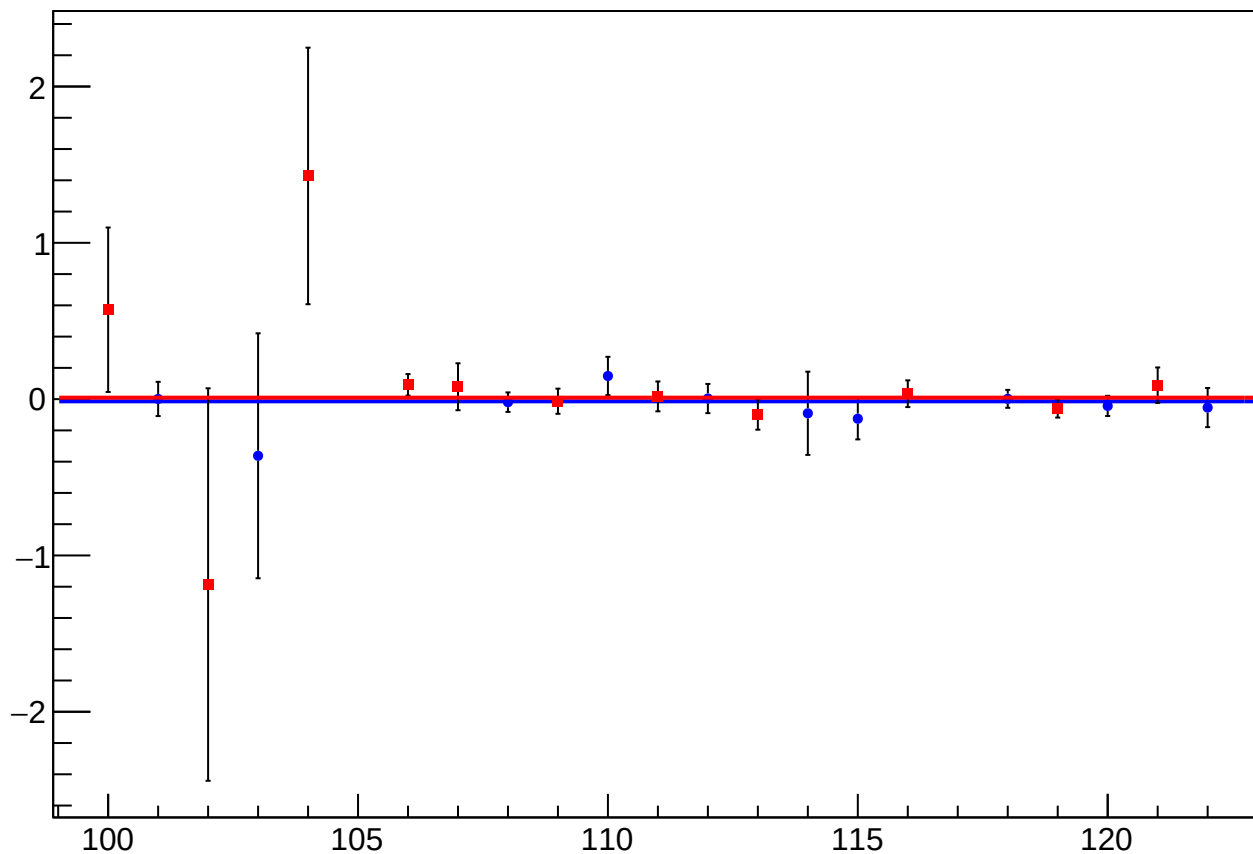
Right: 49.556+/-0.015 χ^2/NDF : 3870948.6/20

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

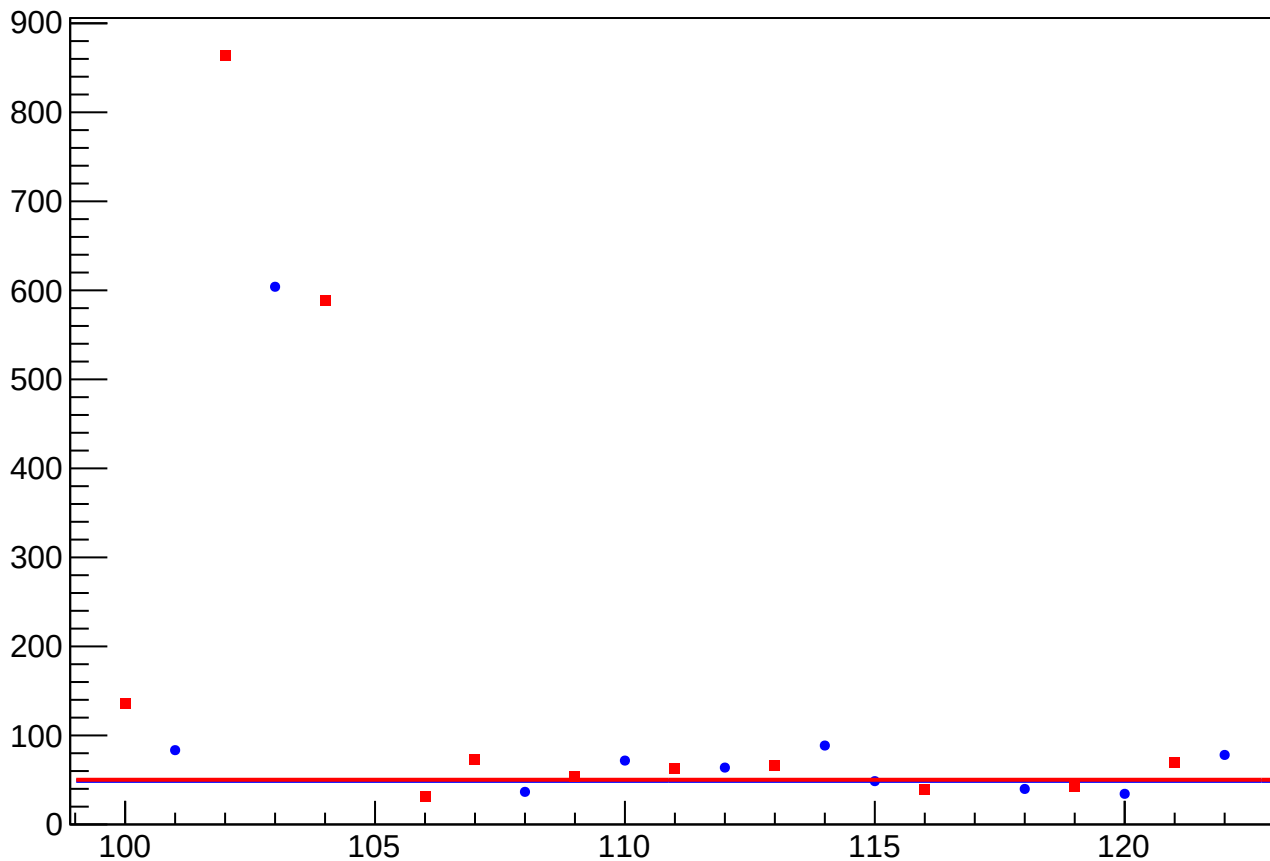
asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

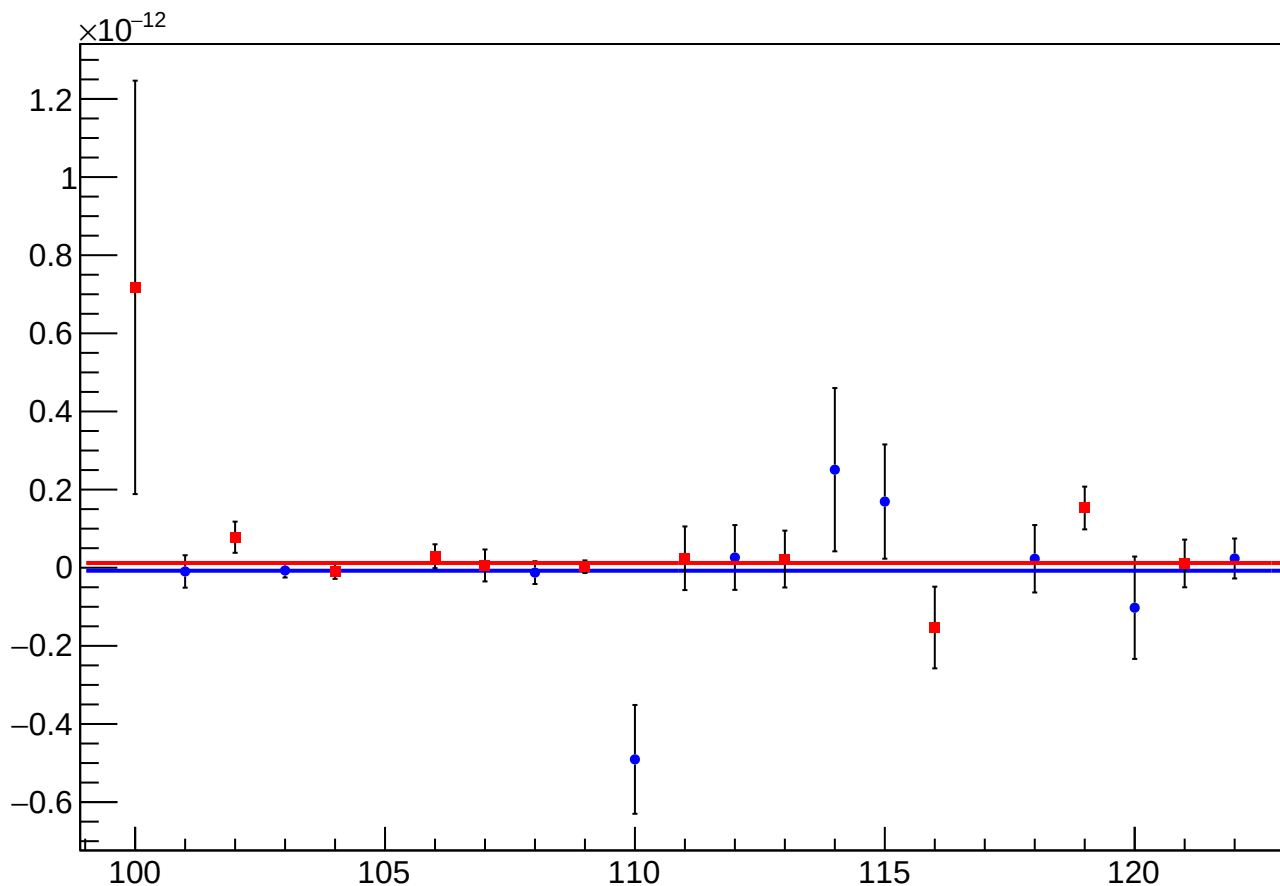
Right: 49.556+/-0.015 χ^2/NDF : 3870948.6/20

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

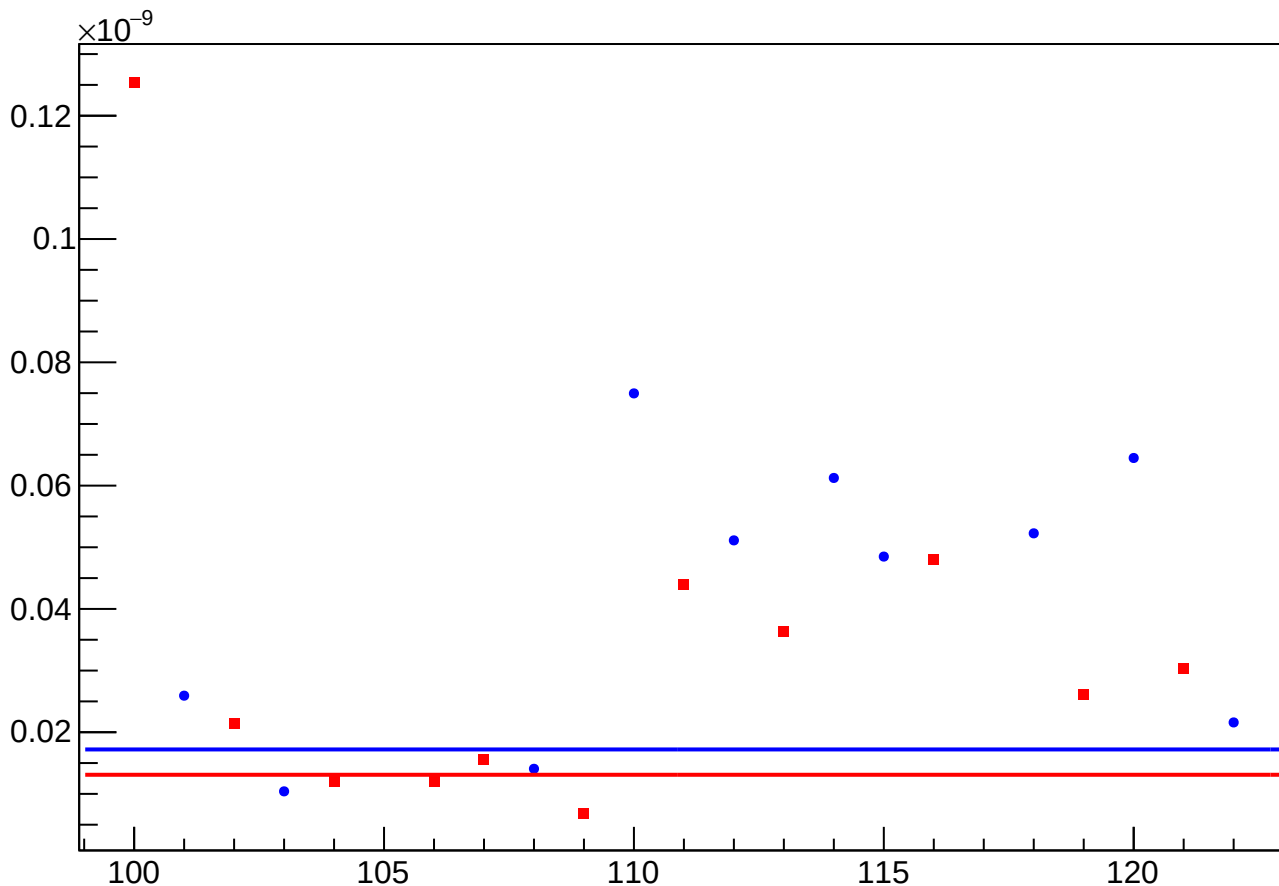
Right: 0.000+/-0.000 χ^2/NDF : 33.2/20

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

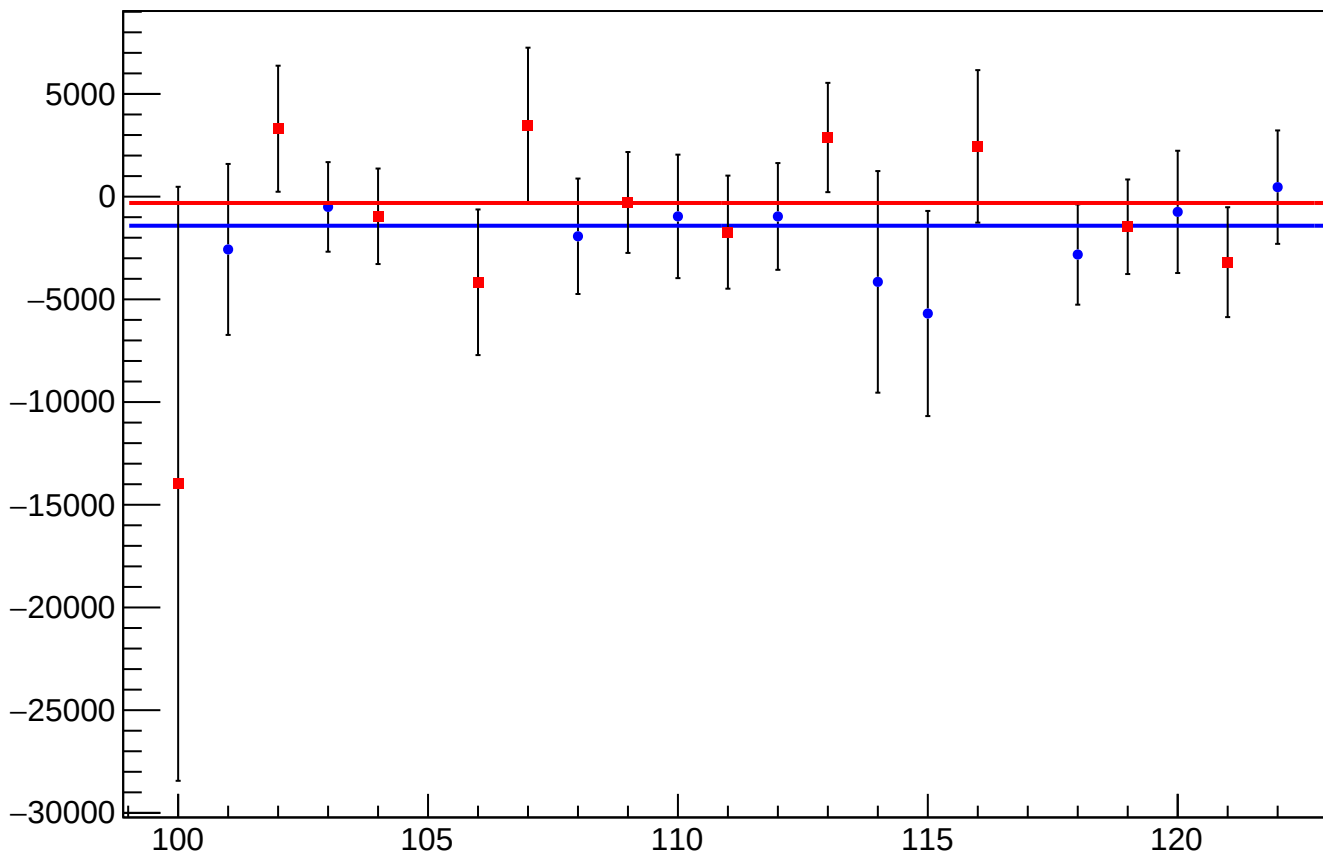
Right: 0.000+/-0.000 χ^2/NDF : 3467495.0/20

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

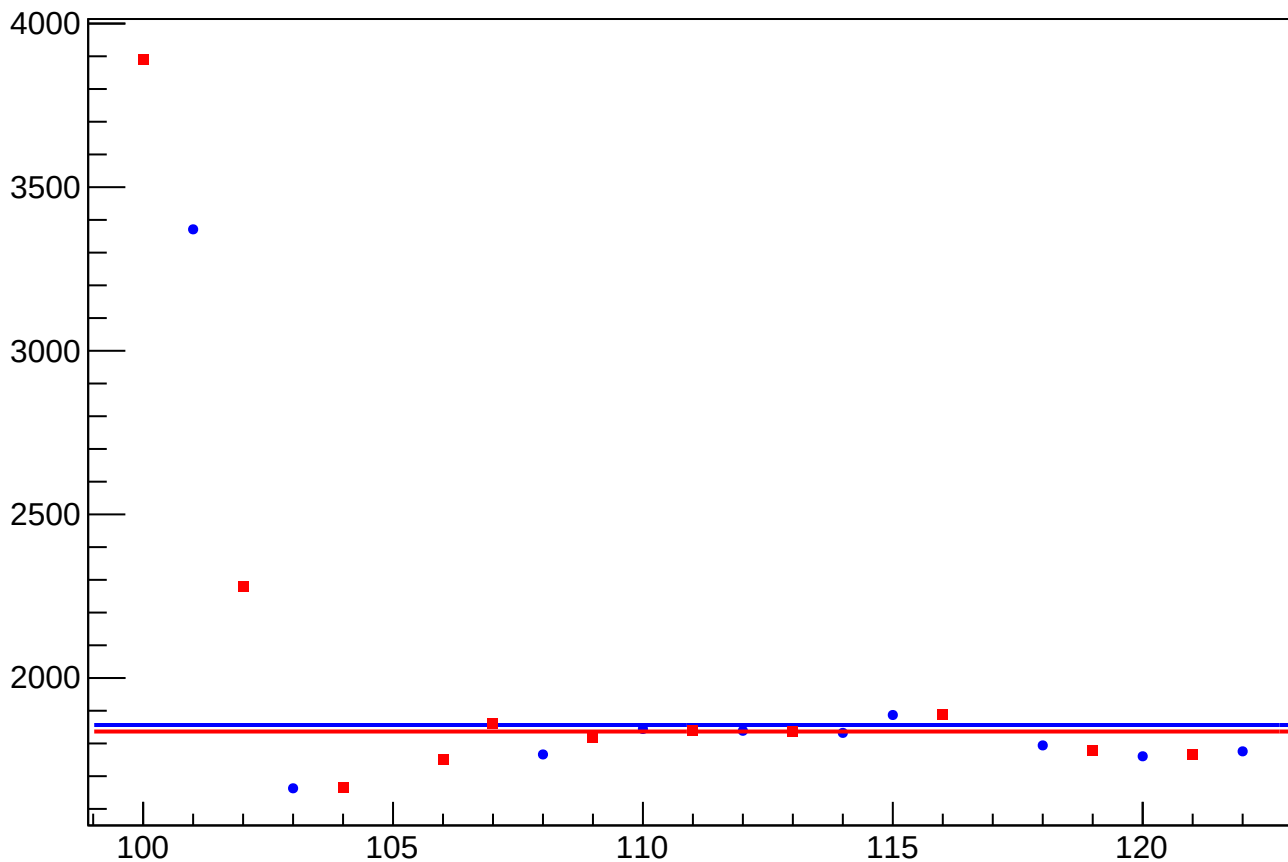
Right: -828.720+/-642.125 χ^2/NDF : 11.1/20

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

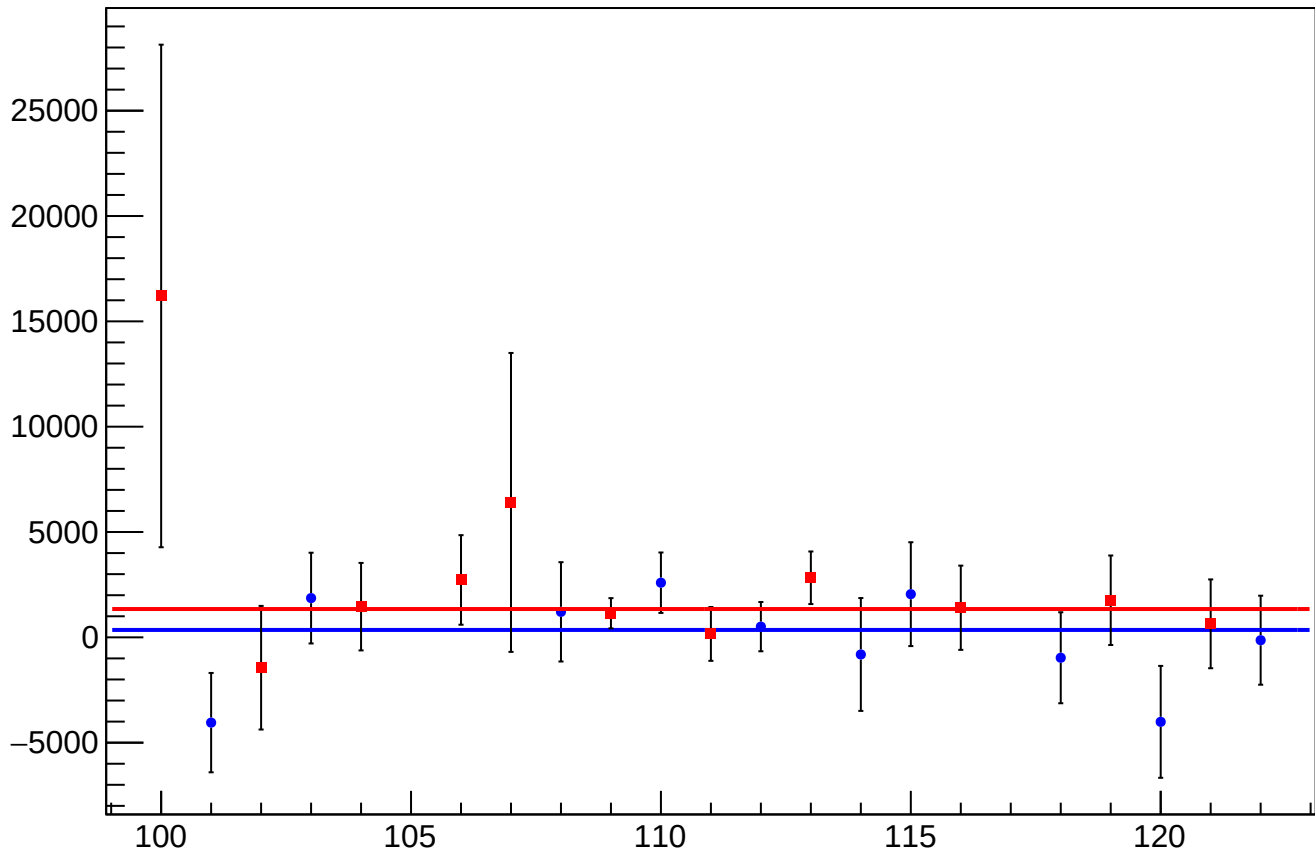
Right: 1845.852+/-0.454 χ^2/NDF : 385968.2/20

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

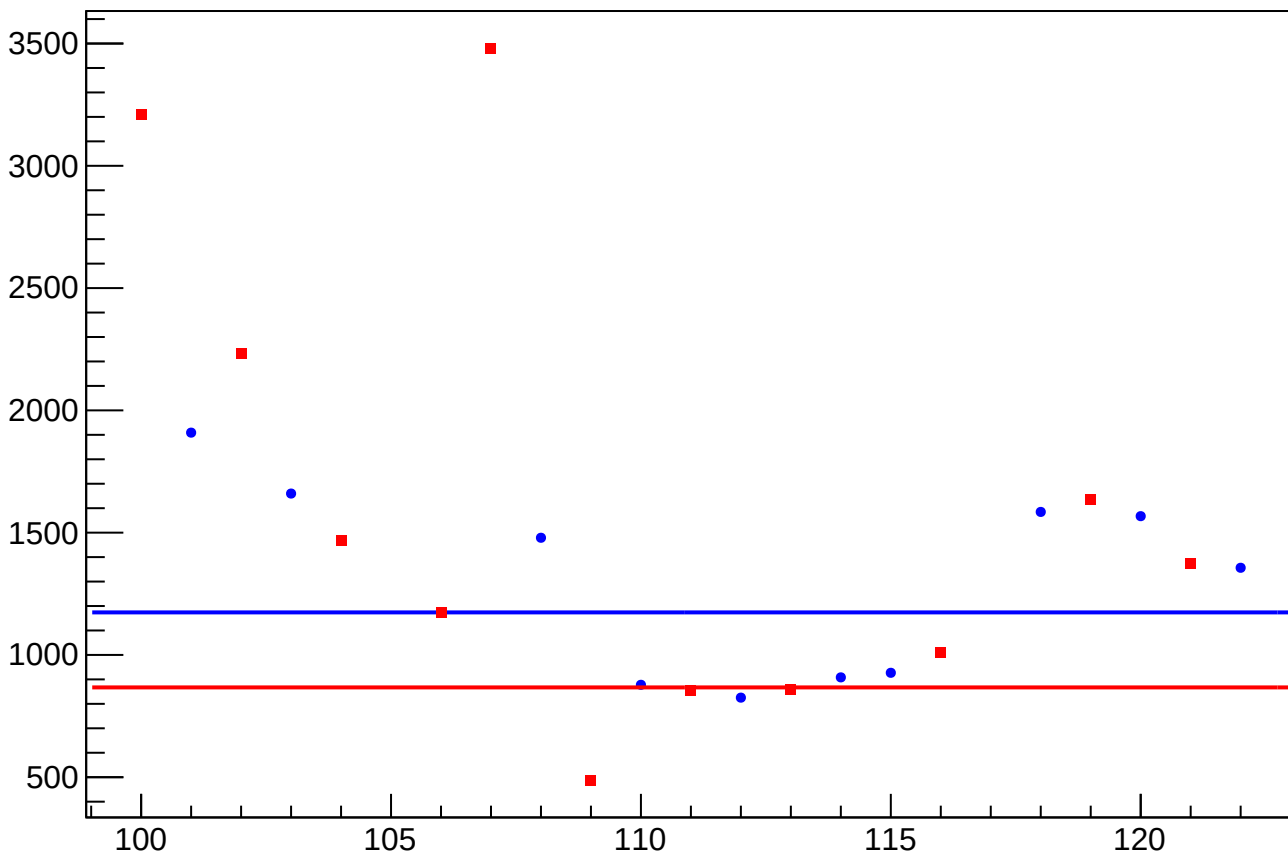
Right: 973.458+/-373.555 χ^2/NDF : 17.9/20

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

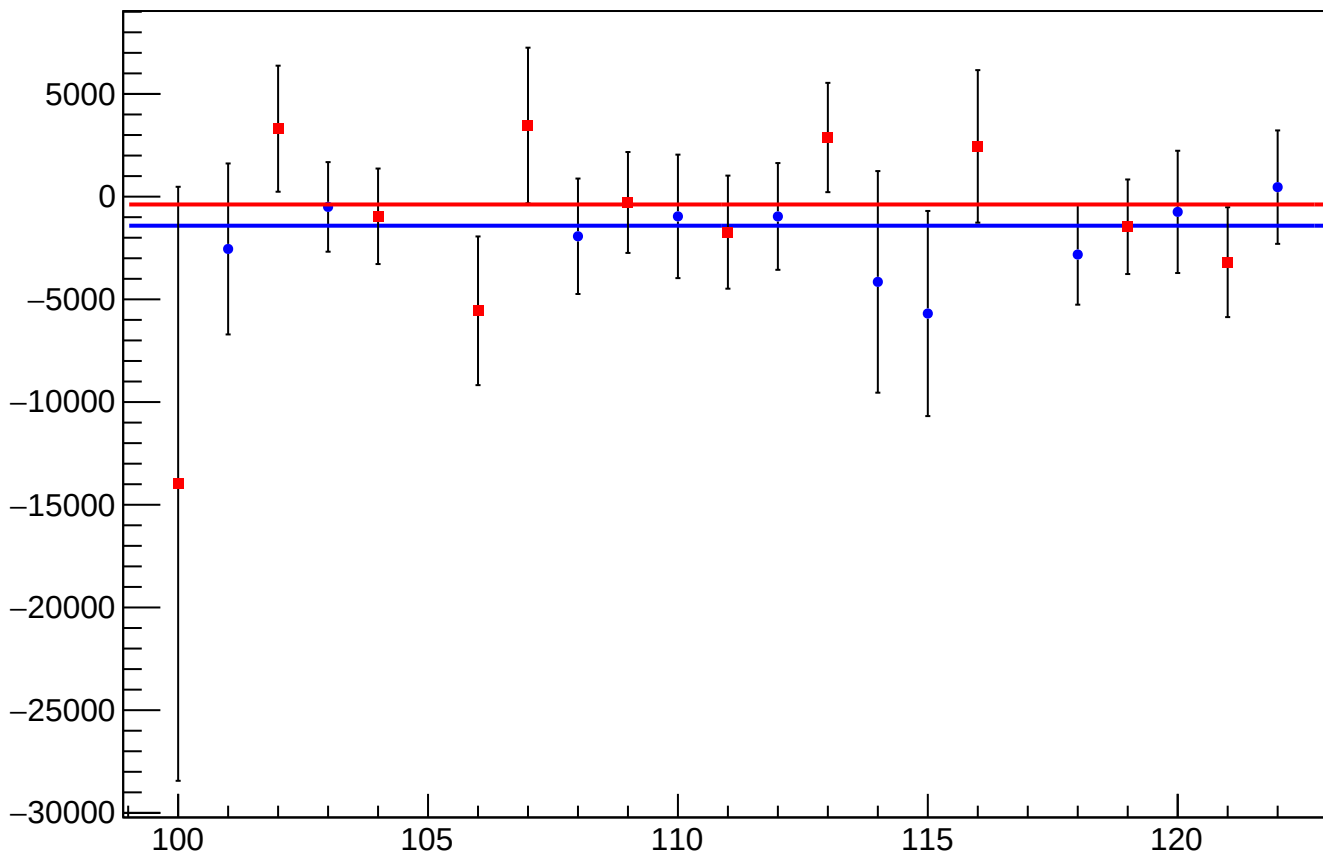
Right: 981.779+/-0.264 χ^2/NDF : 3021820.4/20

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

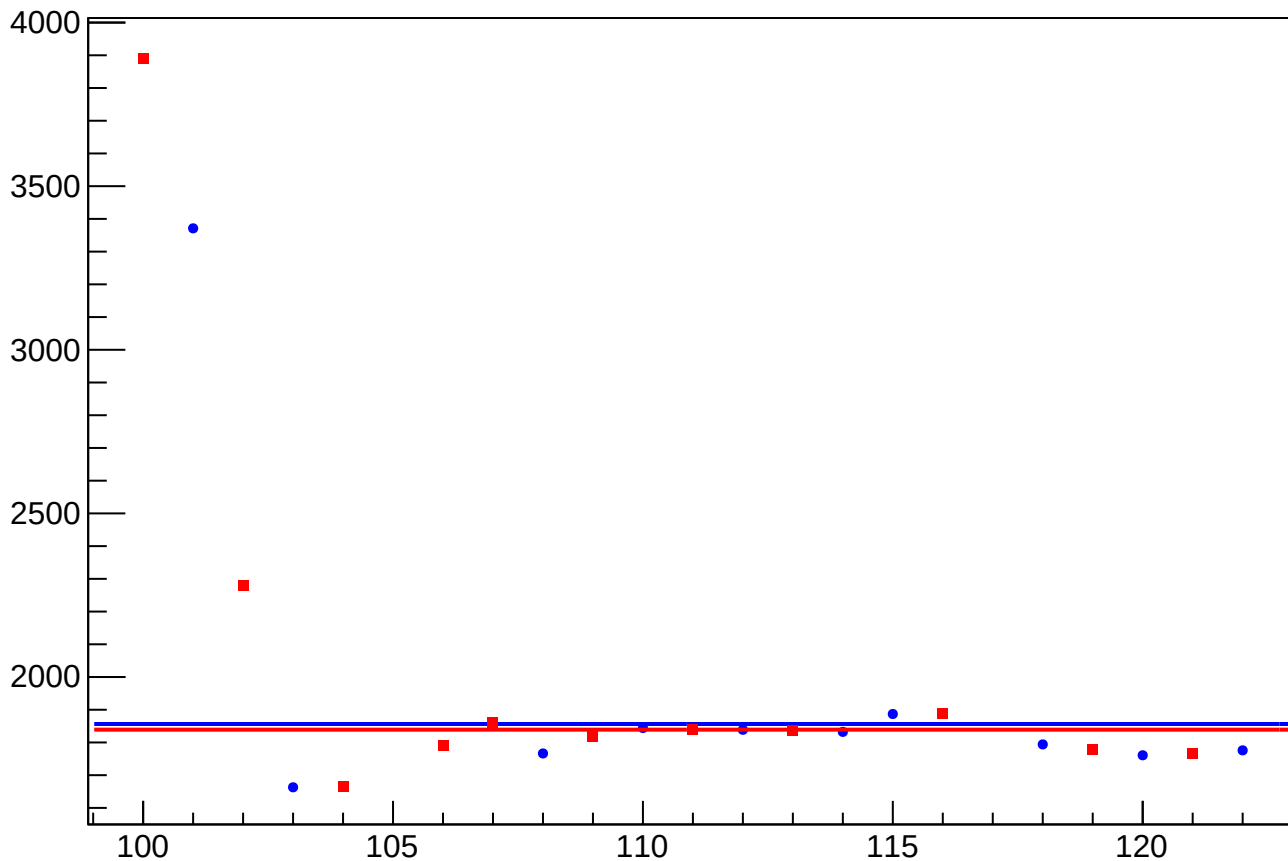
Right: -867.515+/-642.556 χ^2/NDF : 11.9/20

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

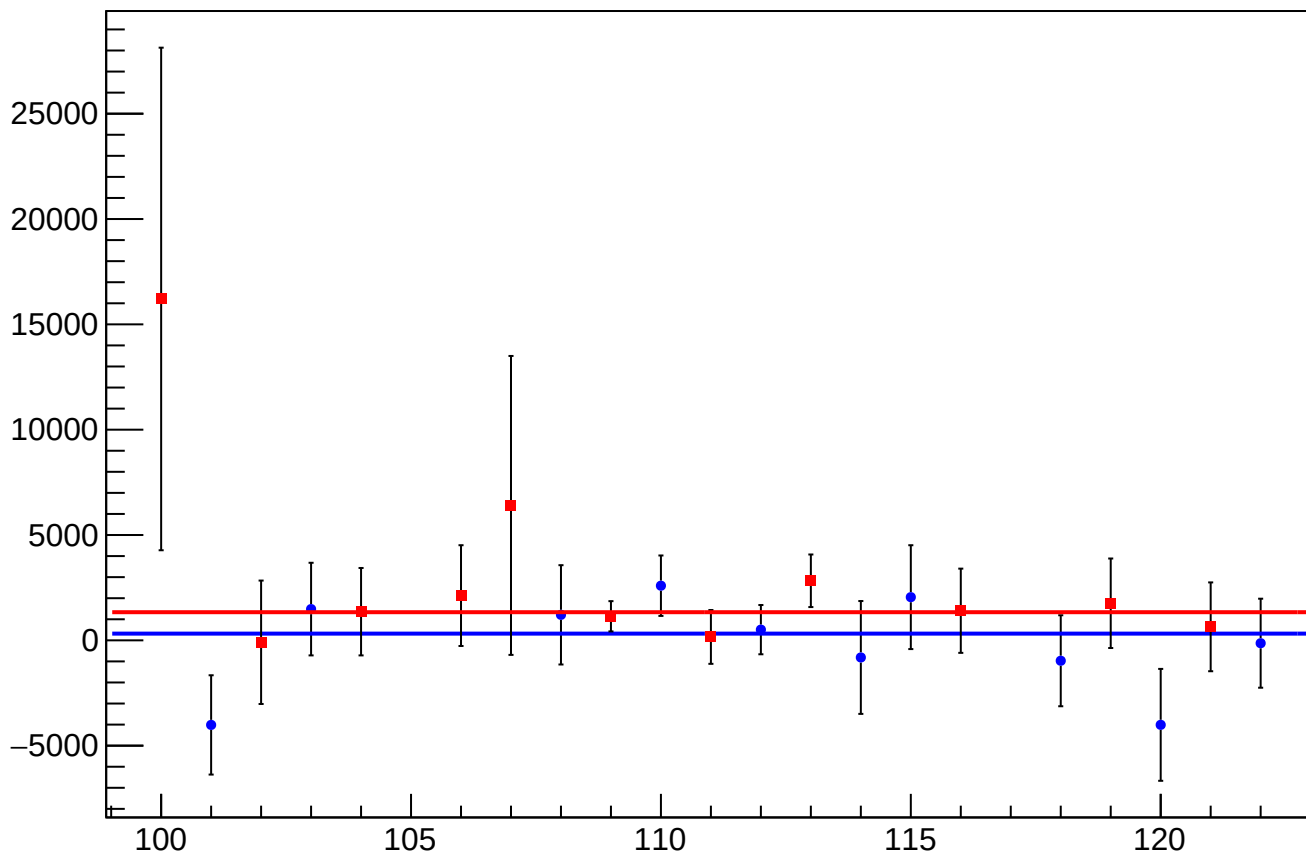
Right: 1847.268+/-0.454 χ^2/NDF : 384967.7/20

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

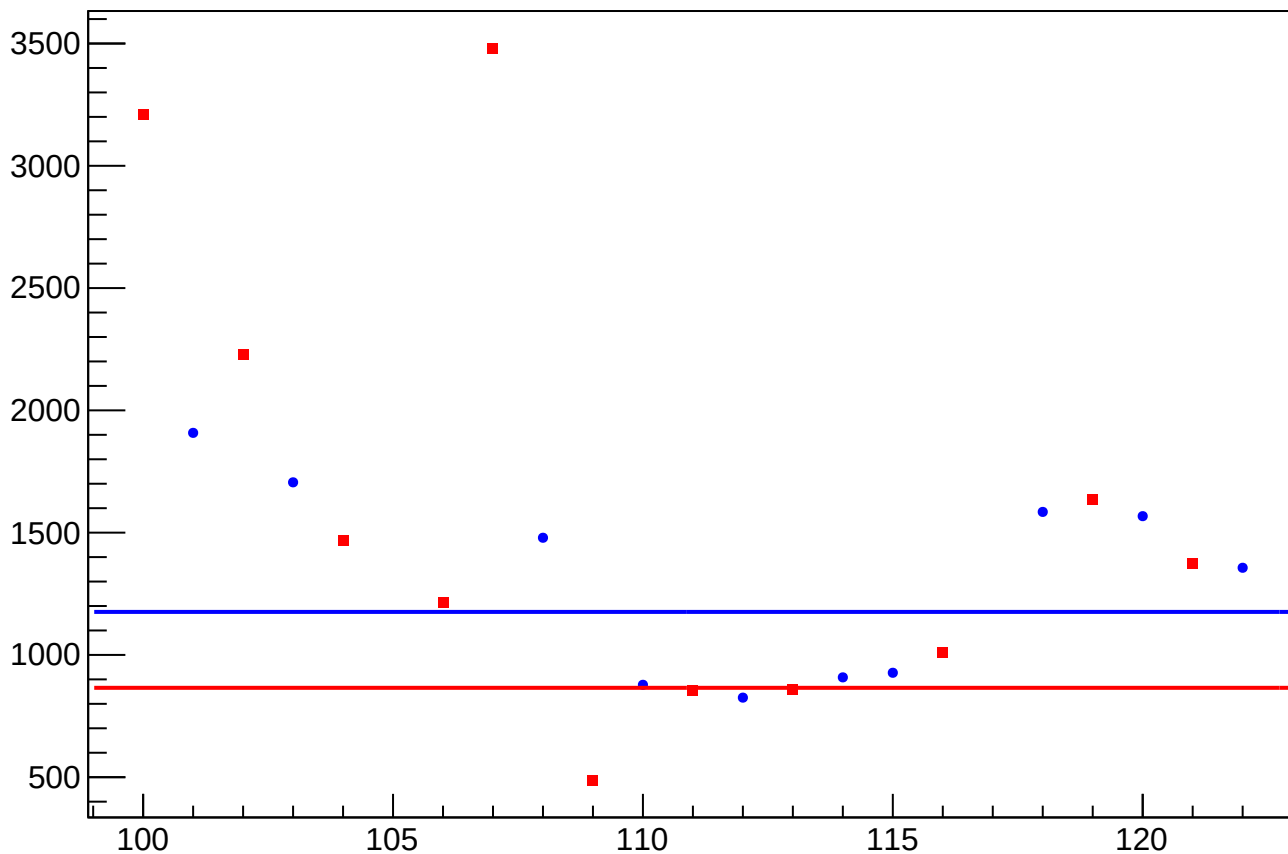
Right: 954.332+/-374.971 χ^2/NDF : 16.7/20

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

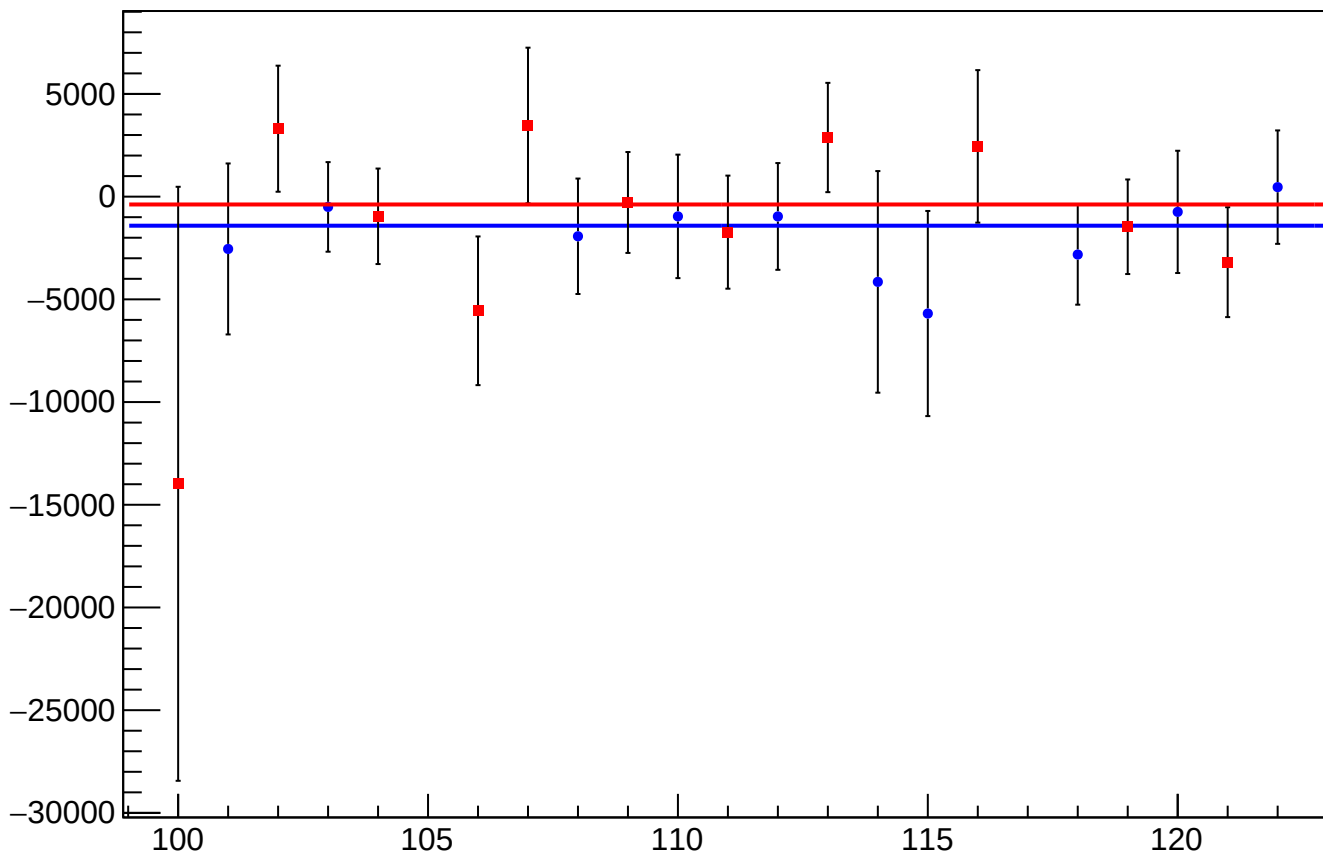
Right: 981.964+/-0.265 χ^2/NDF : 3041220.3/20

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

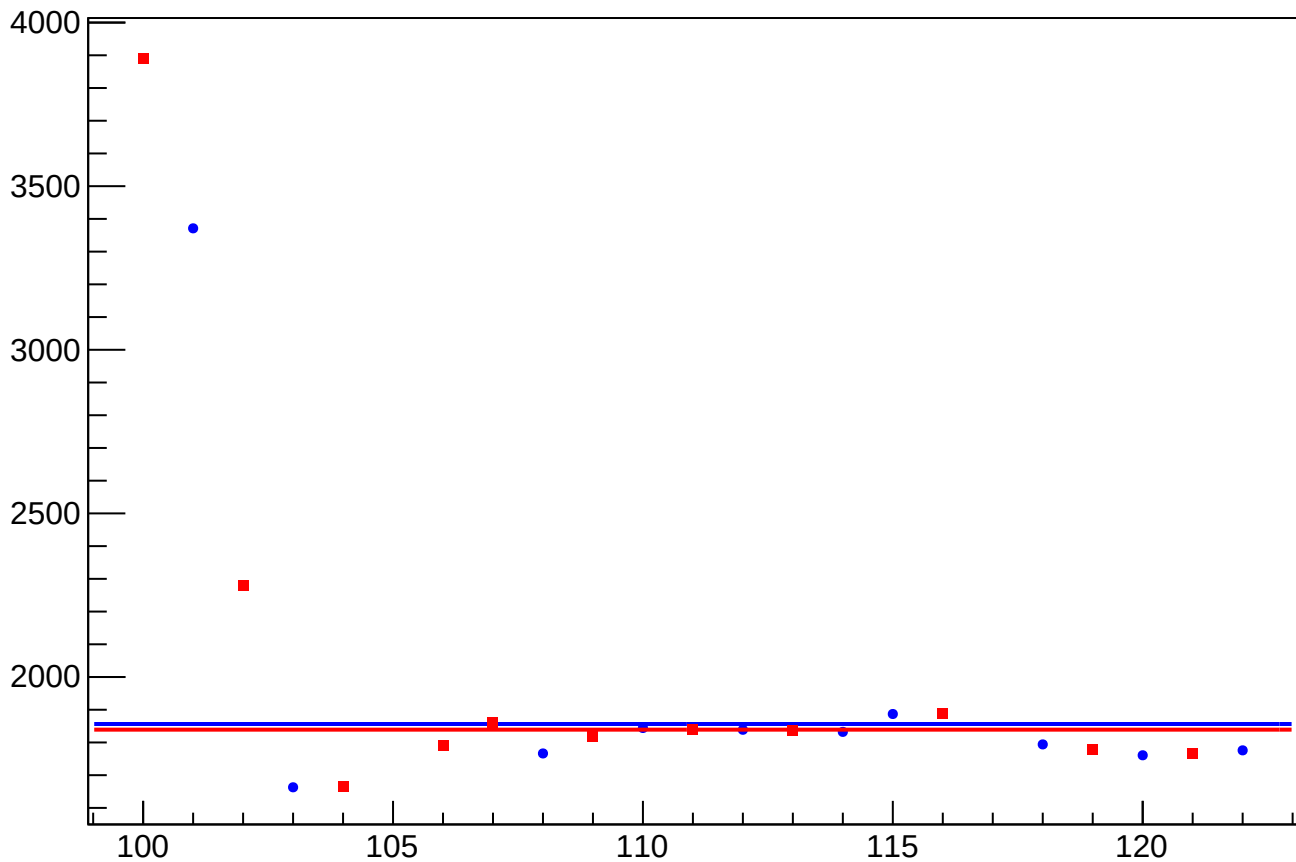
Right: -867.515+/-642.556 χ^2/NDF : 11.9/20

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

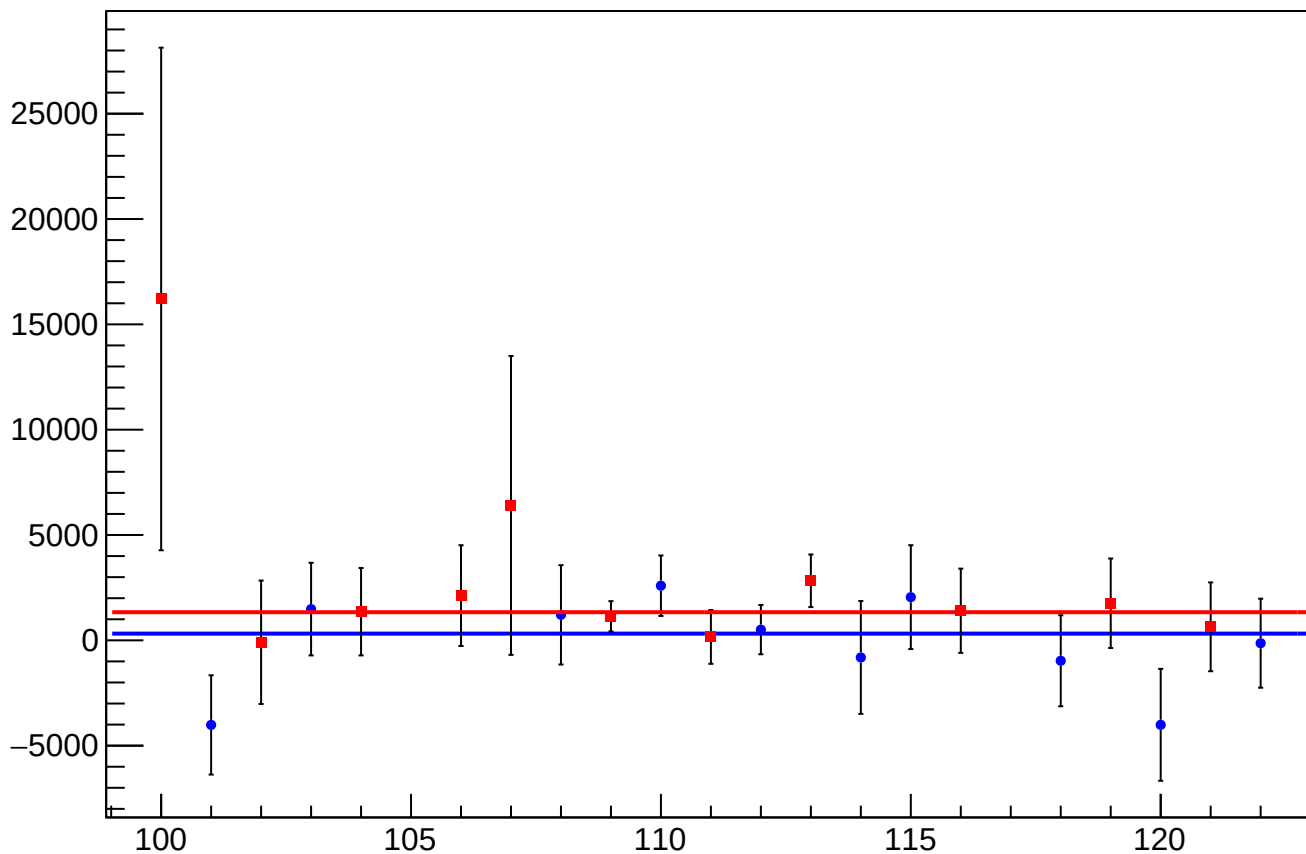
Right: 1847.268+/-0.454 χ^2/NDF : 384967.7/20

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

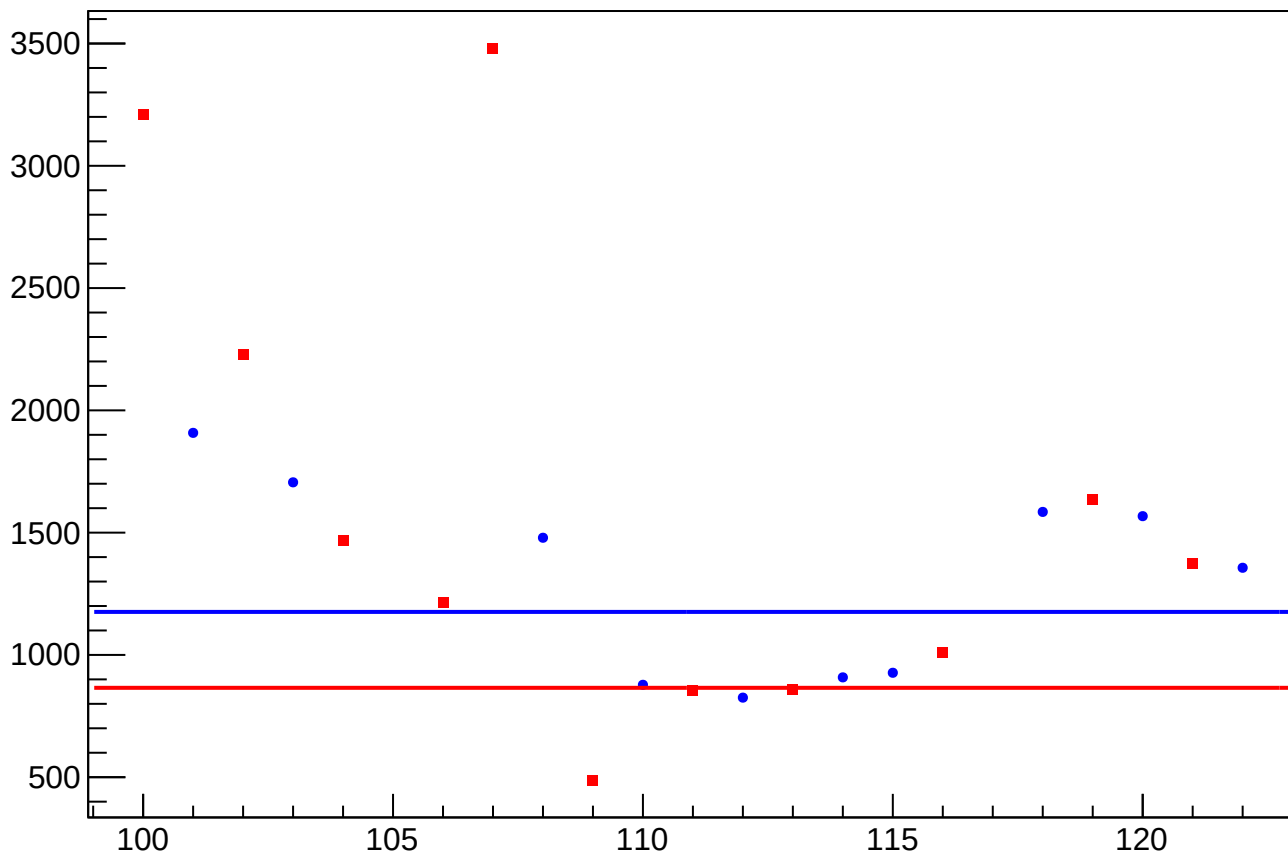
Right: 954.332+/-374.971 χ^2/NDF : 16.7/20

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

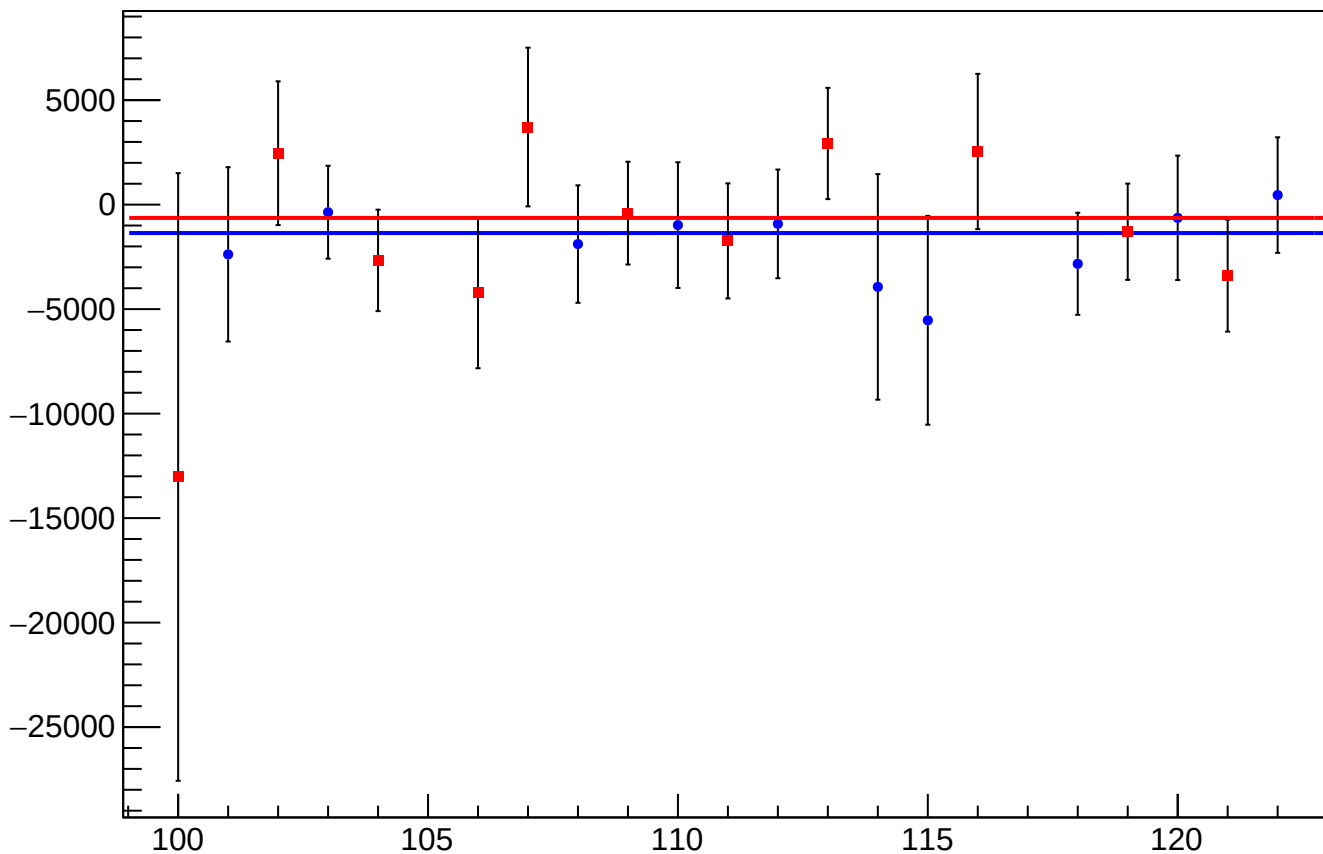
Right: 981.964+/-0.265 χ^2/NDF : 3041220.3/20

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

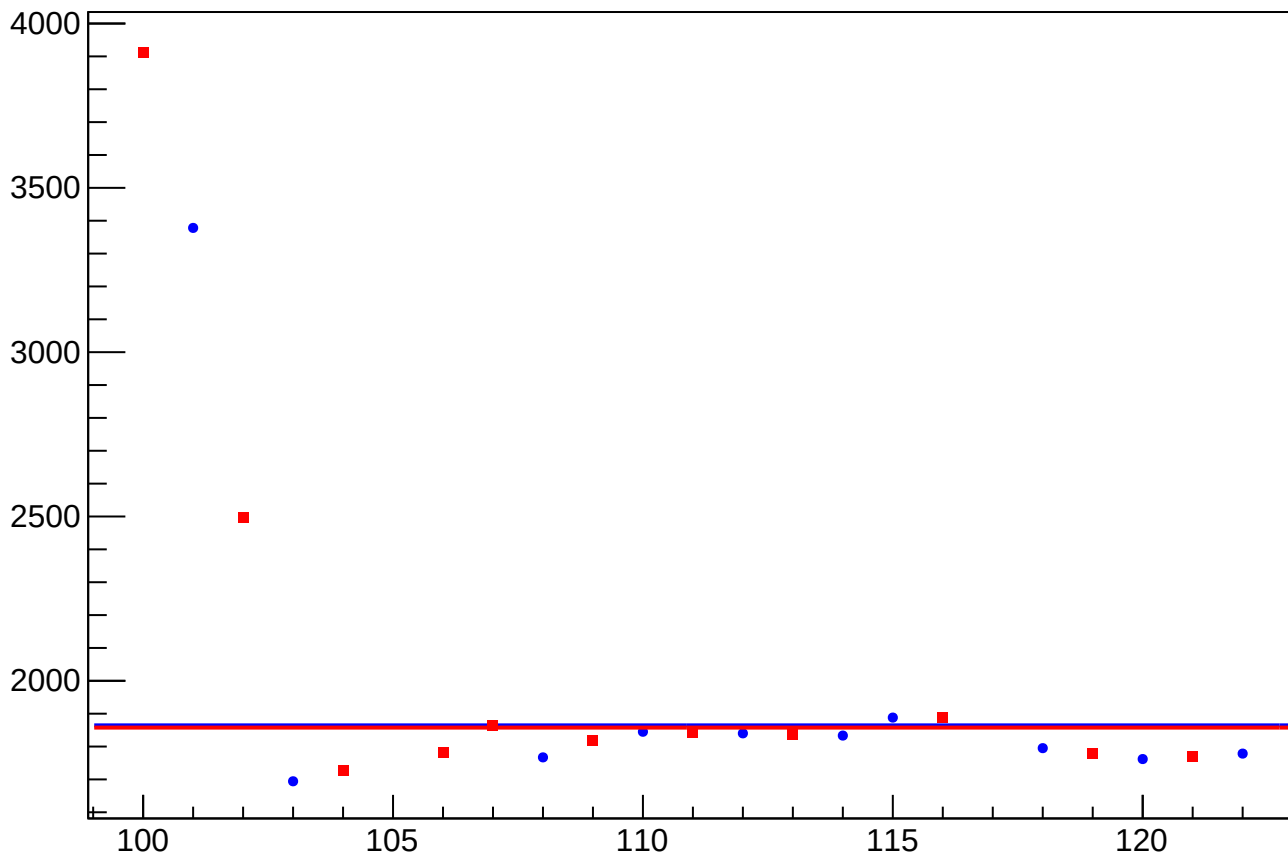
Right: -980.288 $\pm$ 648.965 χ^2 /NDF: 10.8/20

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

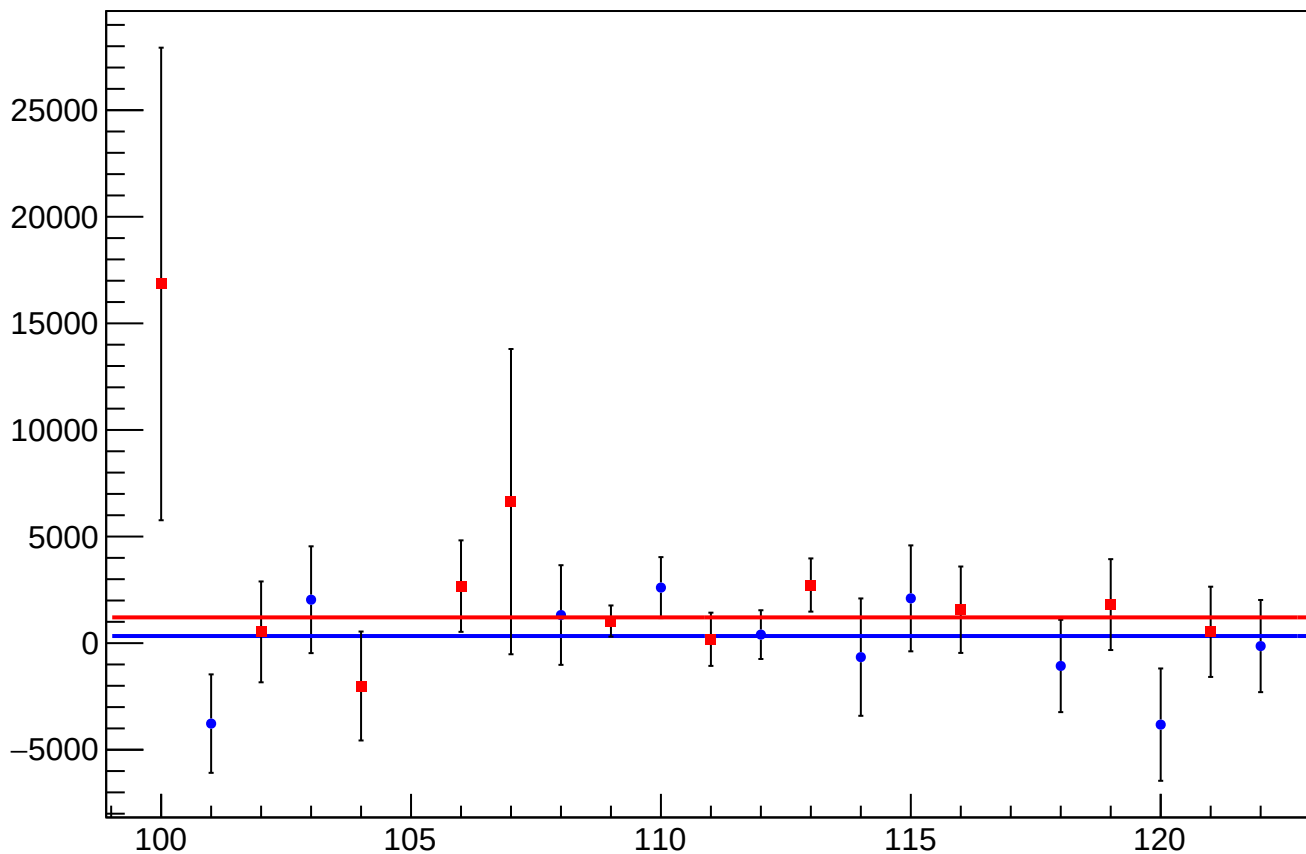
Right: 1860.895+/-0.459 χ^2/NDF : 404992.8/20

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

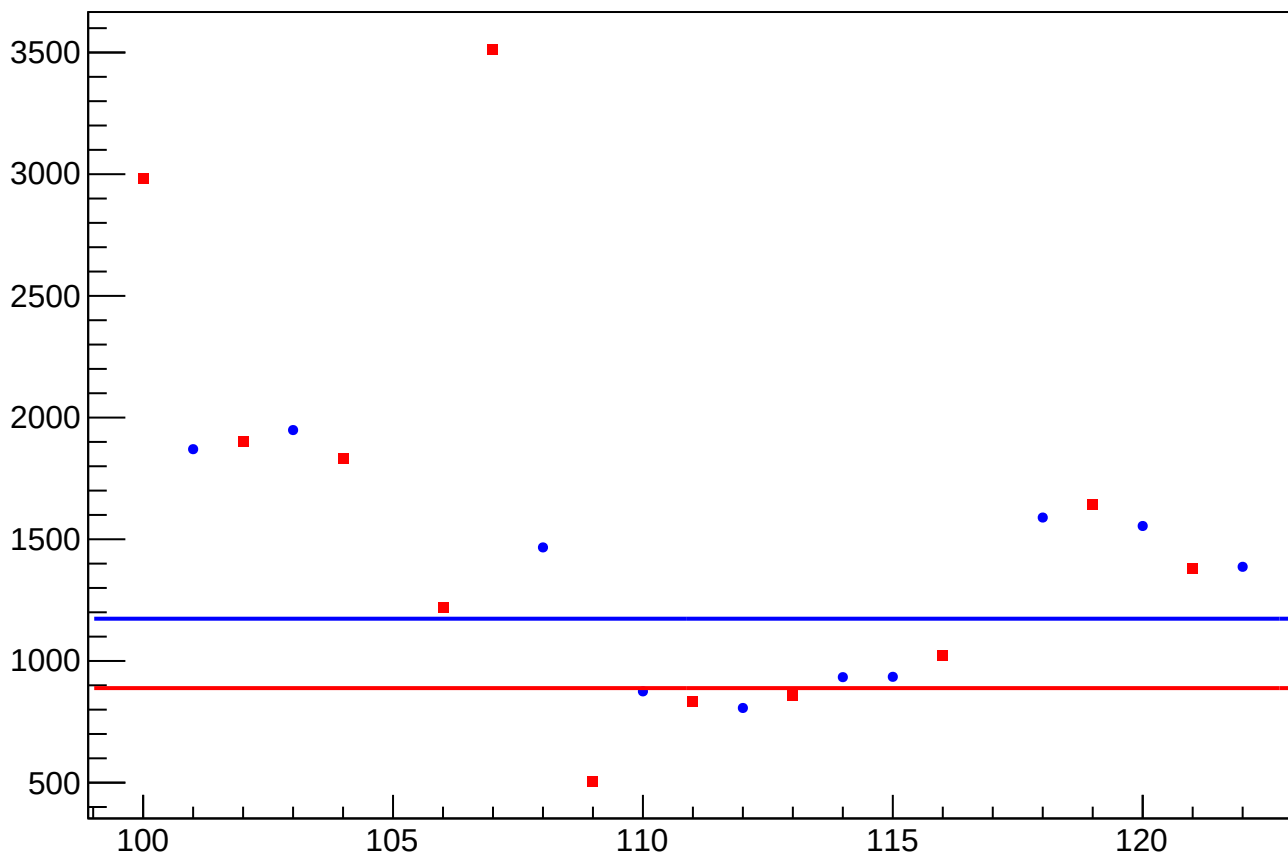
Right: 880.968+/-376.076 χ^2/NDF : 18.3/20

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 : 1955558.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

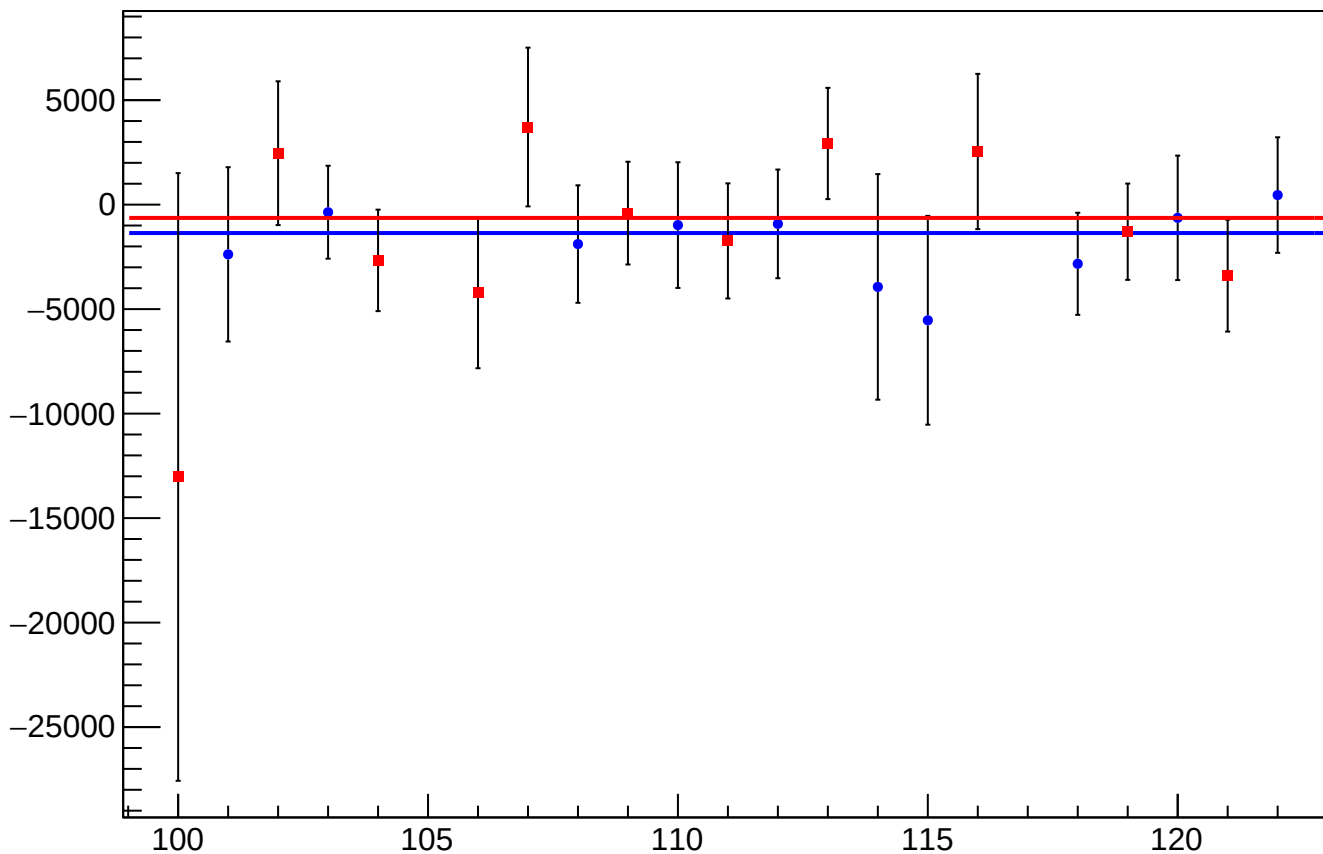
Right: 995.324+/-0.266 χ^2/NDF : 3091331.1/20

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 $\pm$ 940.545 χ^2 /NDF: 2.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -635.872 $\pm$ 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

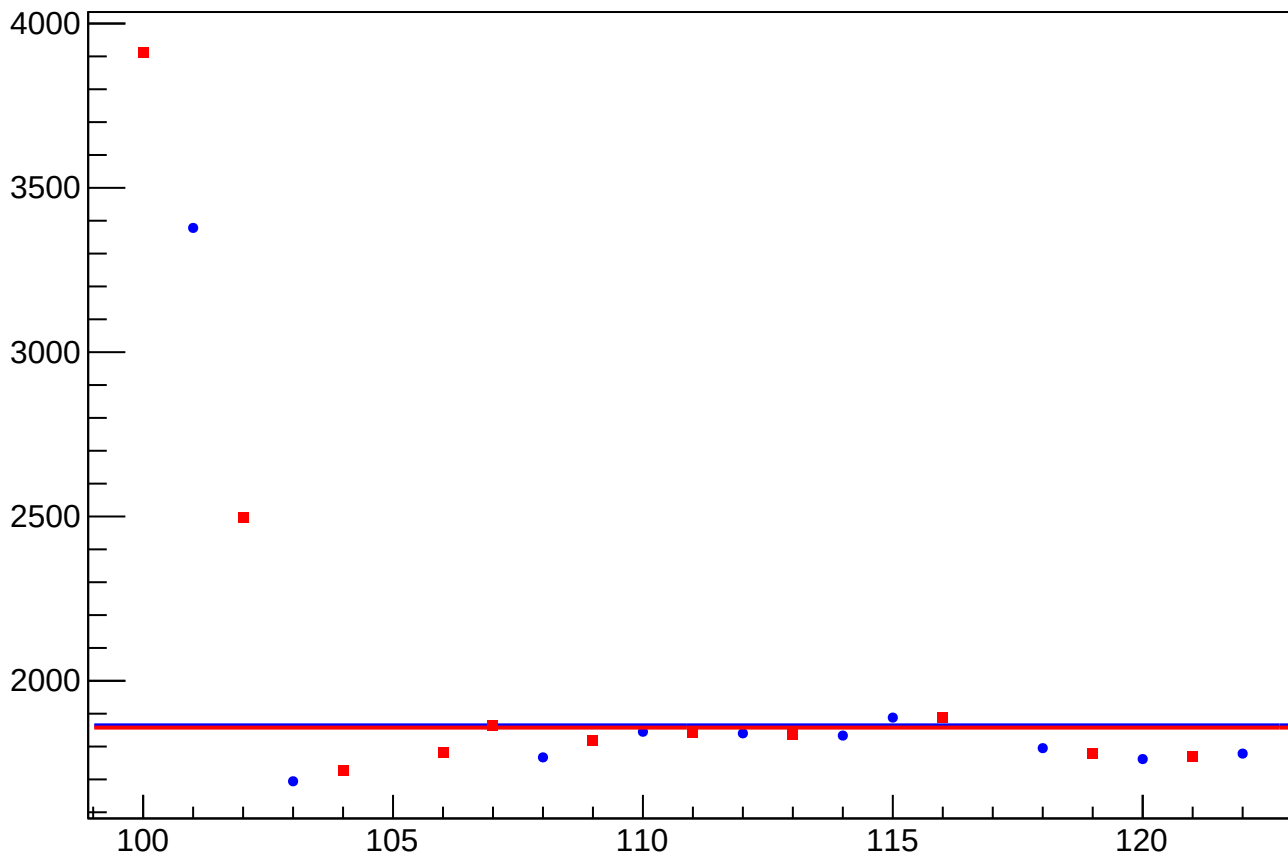
Right: -980.289 $\pm$ 648.965 χ^2 /NDF: 10.8/20

In: -1359.310 $\pm$ 940.545 χ^2 /NDF:2.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -980.289 $\pm$ 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

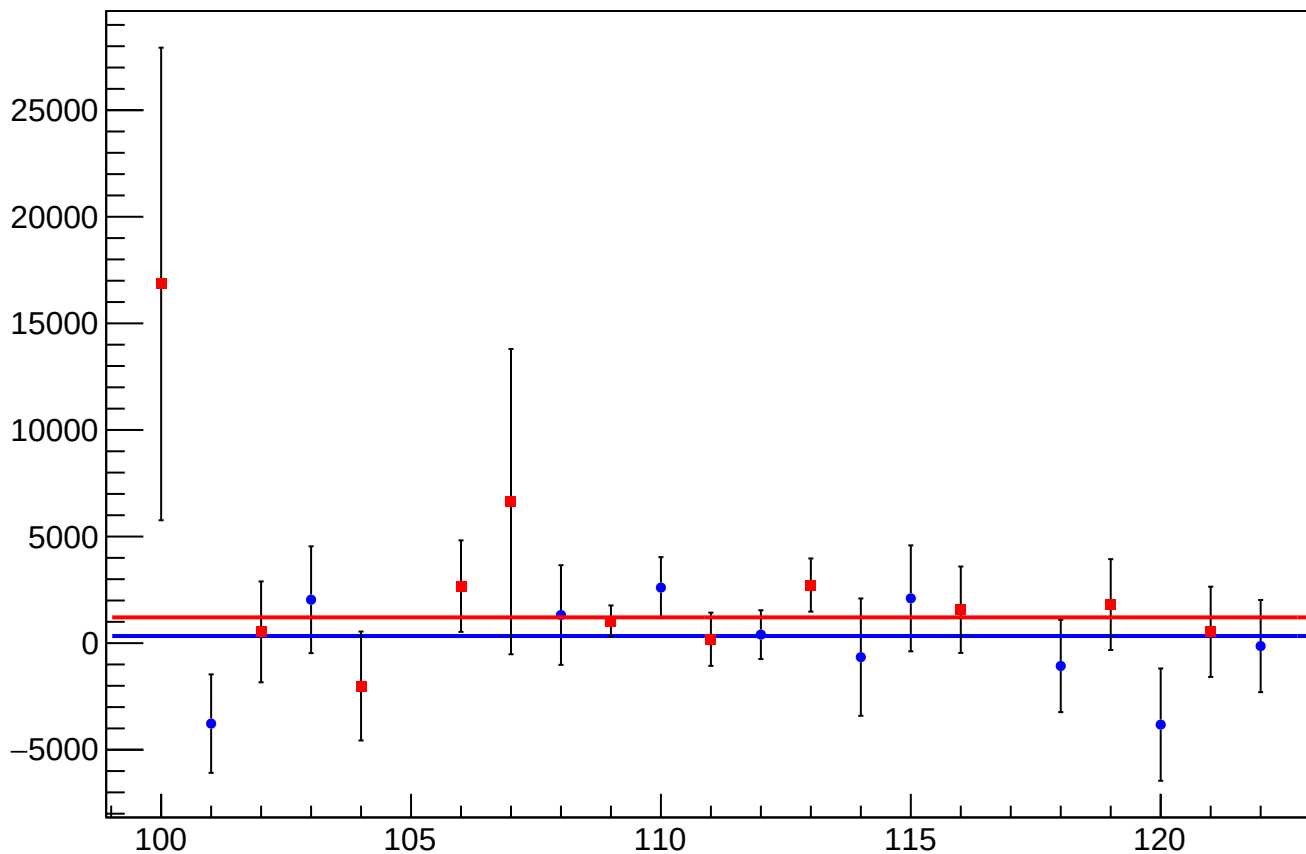
Right: 1860.895+/-0.459 χ^2/NDF : 404992.8/20

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

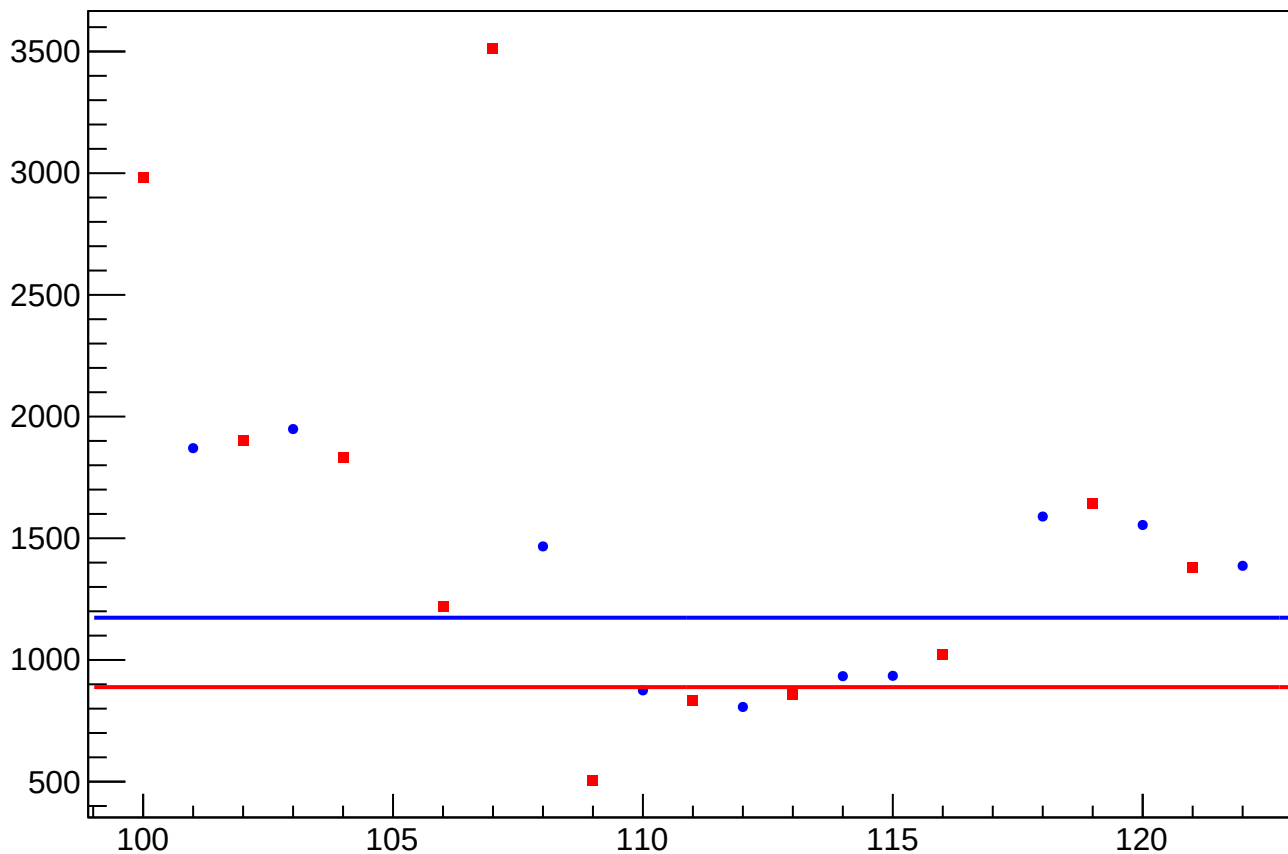
Right: 880.966 +/- 376.074 χ^2/NDF : 18.3/20

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

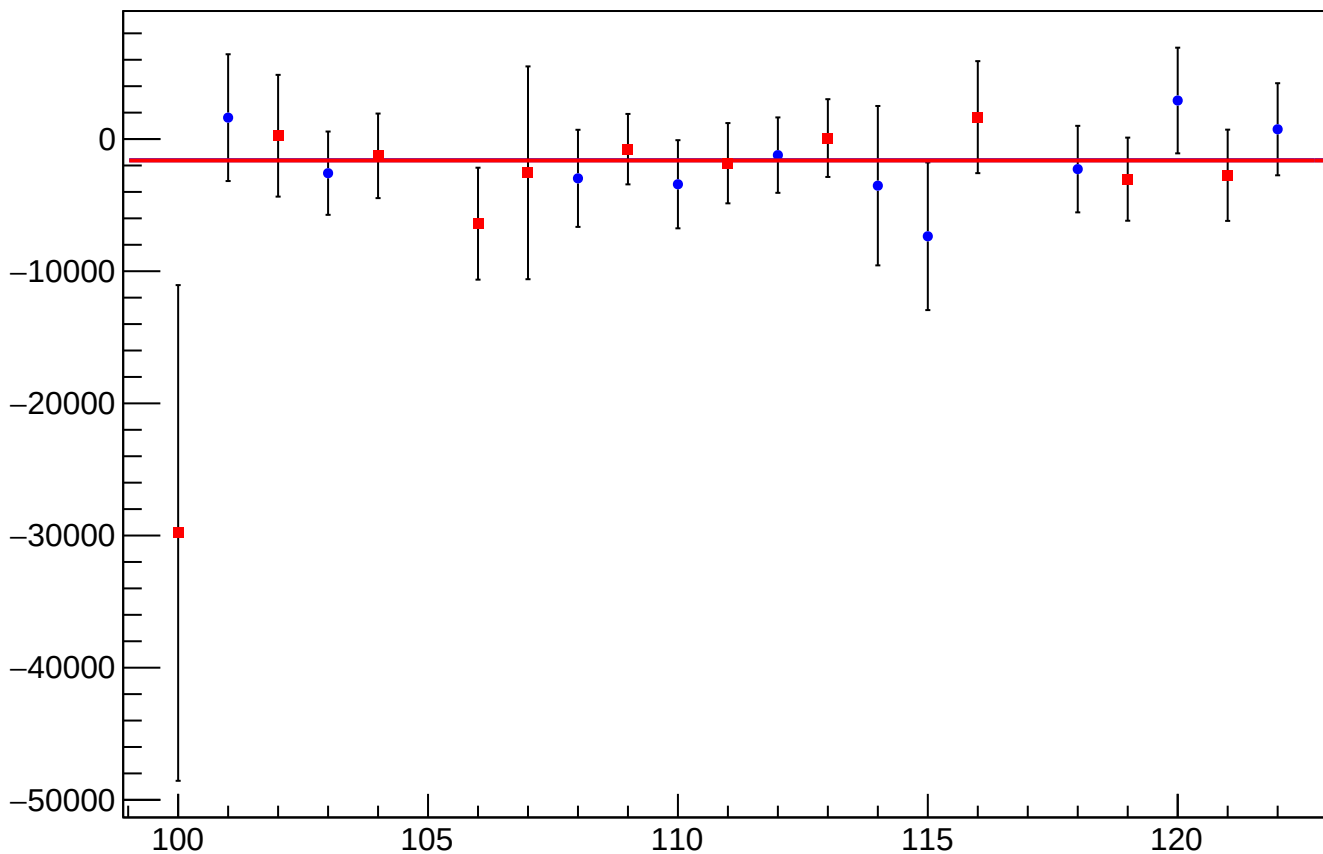
Right: 995.321+/-0.266 χ^2/NDF : 3091325.5/20

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

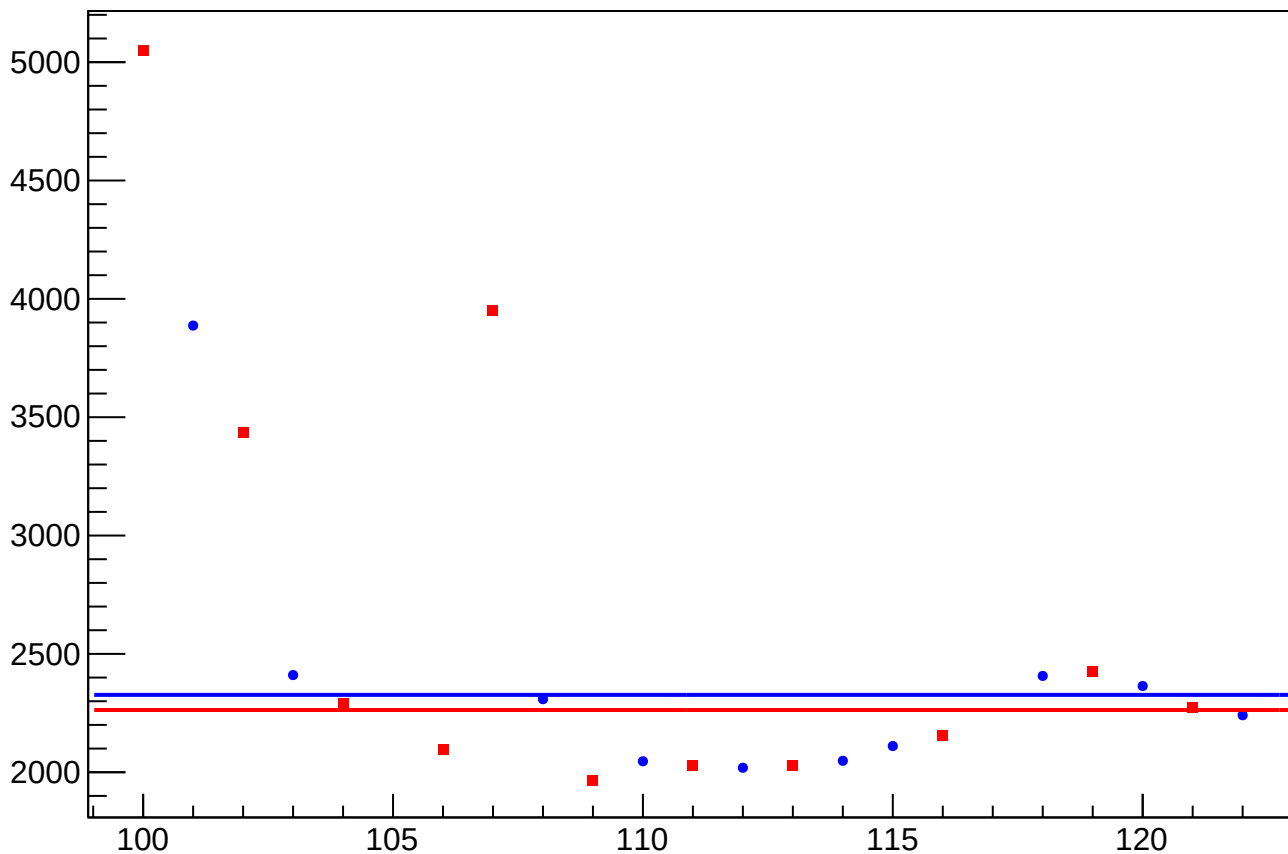
Right: -1611.434+/-802.443 χ^2/NDF : 9.0/20

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

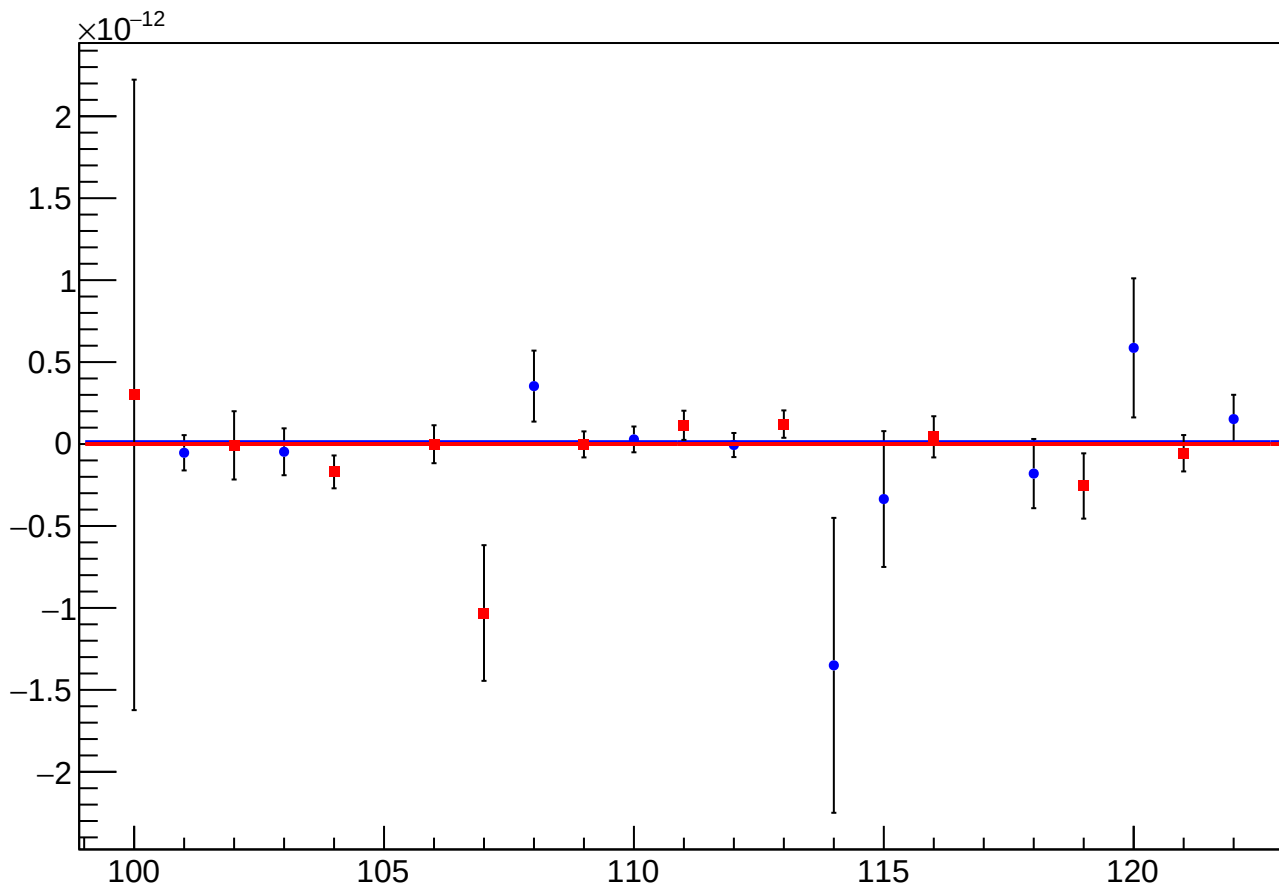
Right: 2292.918+/-0.567 χ^2/NDF : 584343.7/20

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

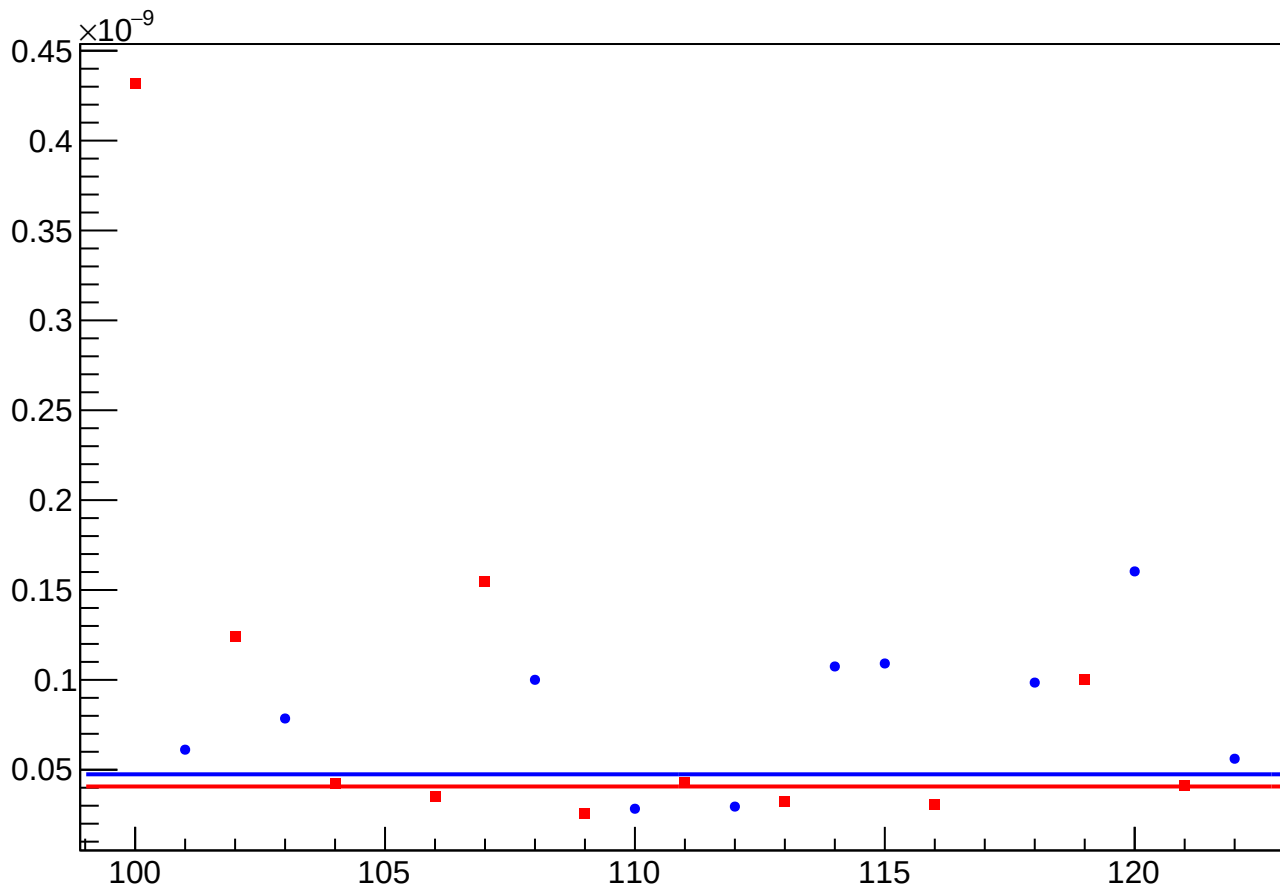
Right: 0.000+/-0.000 χ^2/NDF : 24.6/20

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

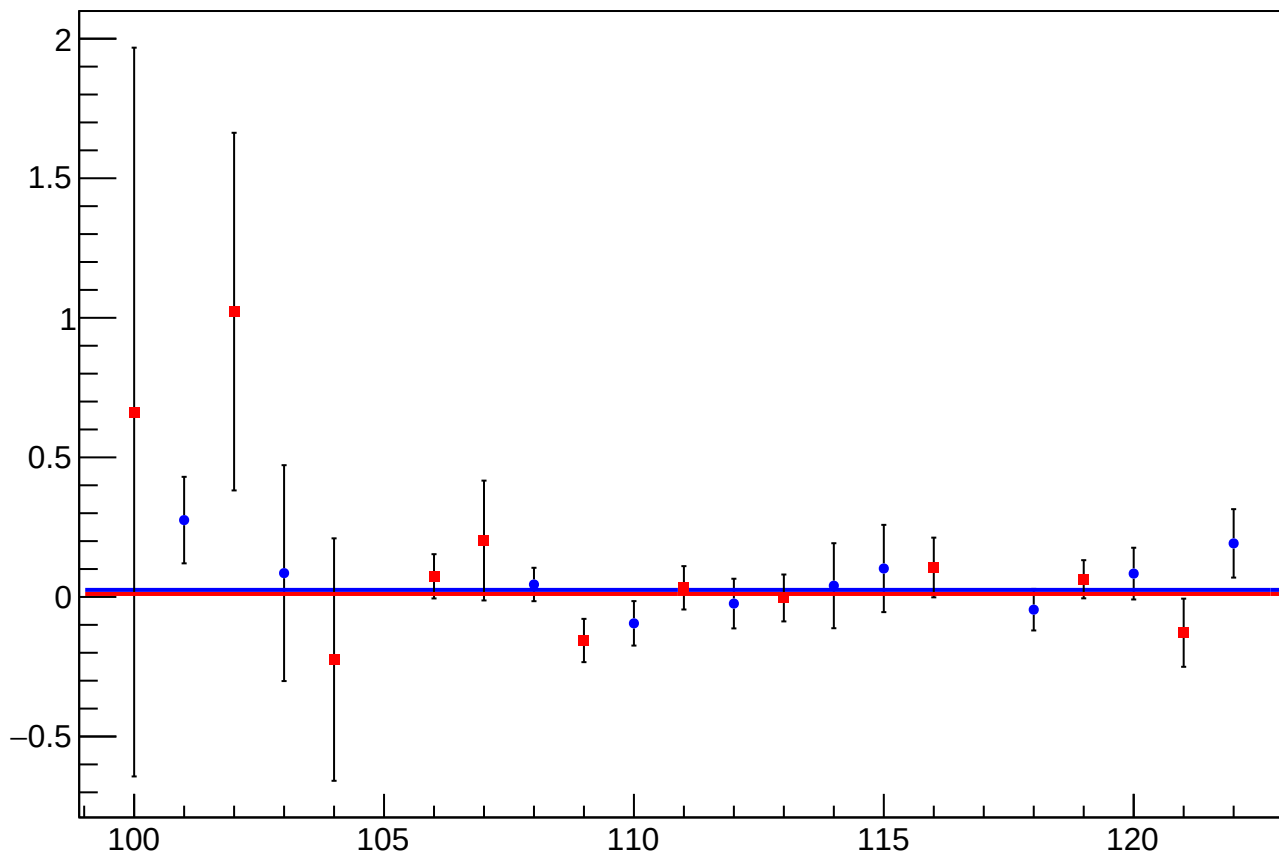
Right: 0.000+/-0.000 χ^2/NDF : 1675661.6/20

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

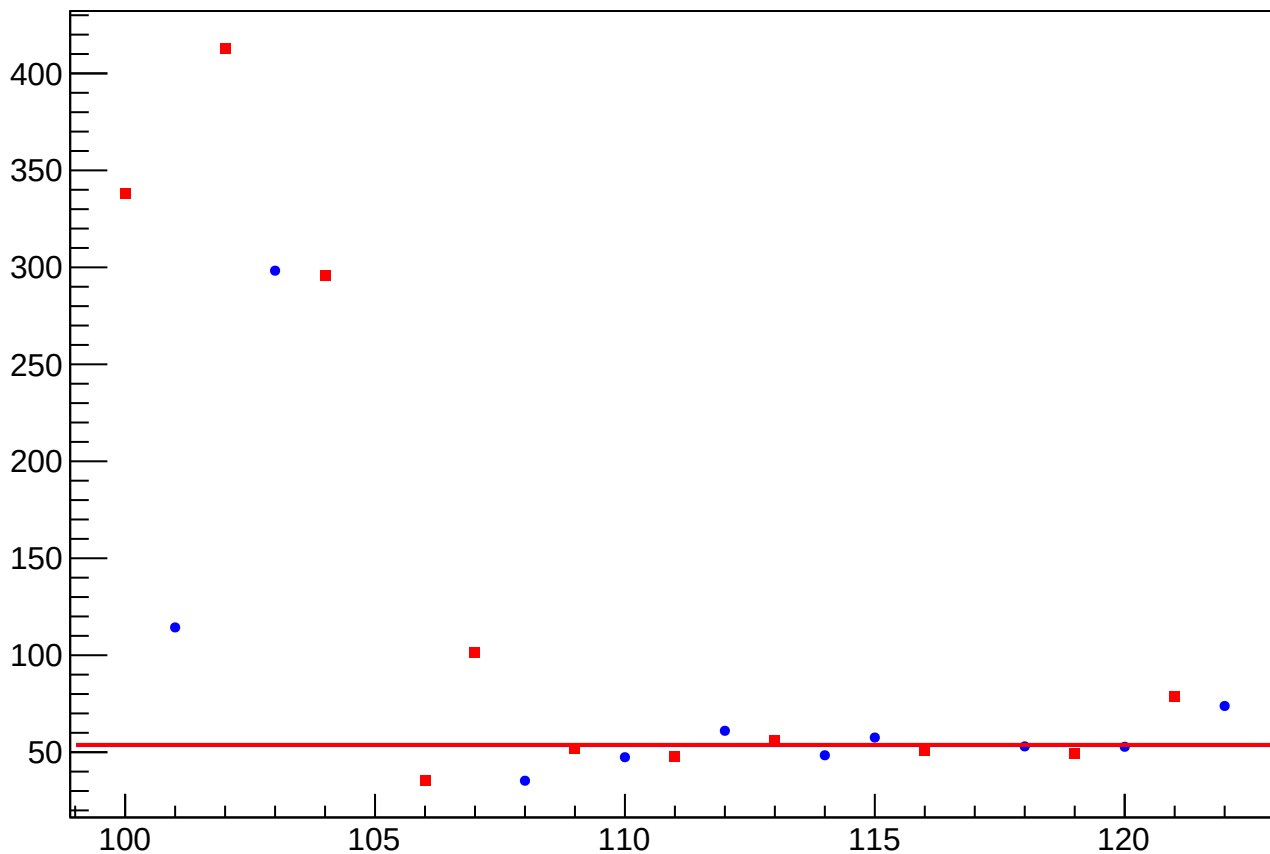
Right: 0.018+/-0.022 χ^2/NDF : 20.7/20

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

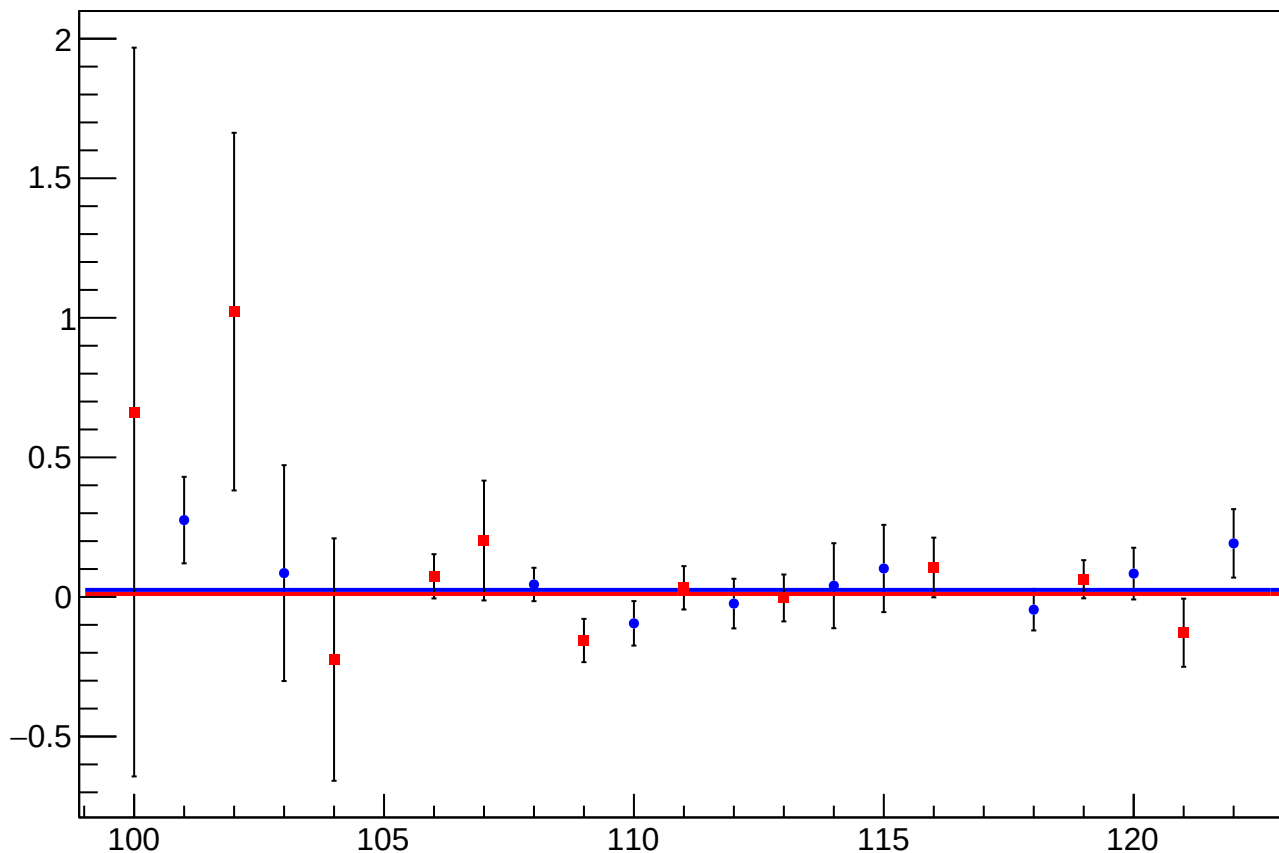
Right: 53.735+/-0.015 χ^2/NDF : 3039396.2/20

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

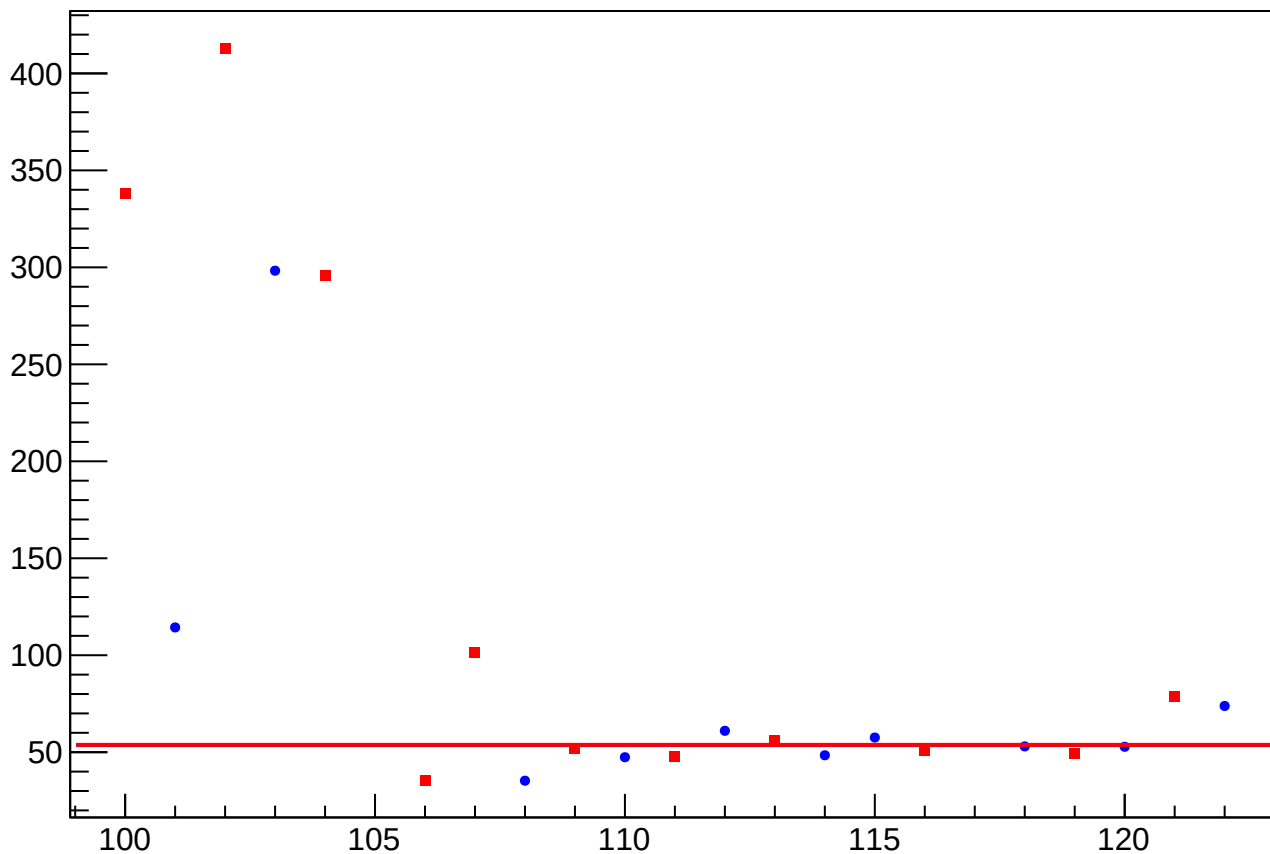
Right: 0.018+/-0.022 χ^2/NDF : 20.7/20

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 $\pm$ 0.022 χ^2 /NDF: 1379563.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.779 $\pm$ 0.022 χ^2 /NDF: 1659824.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

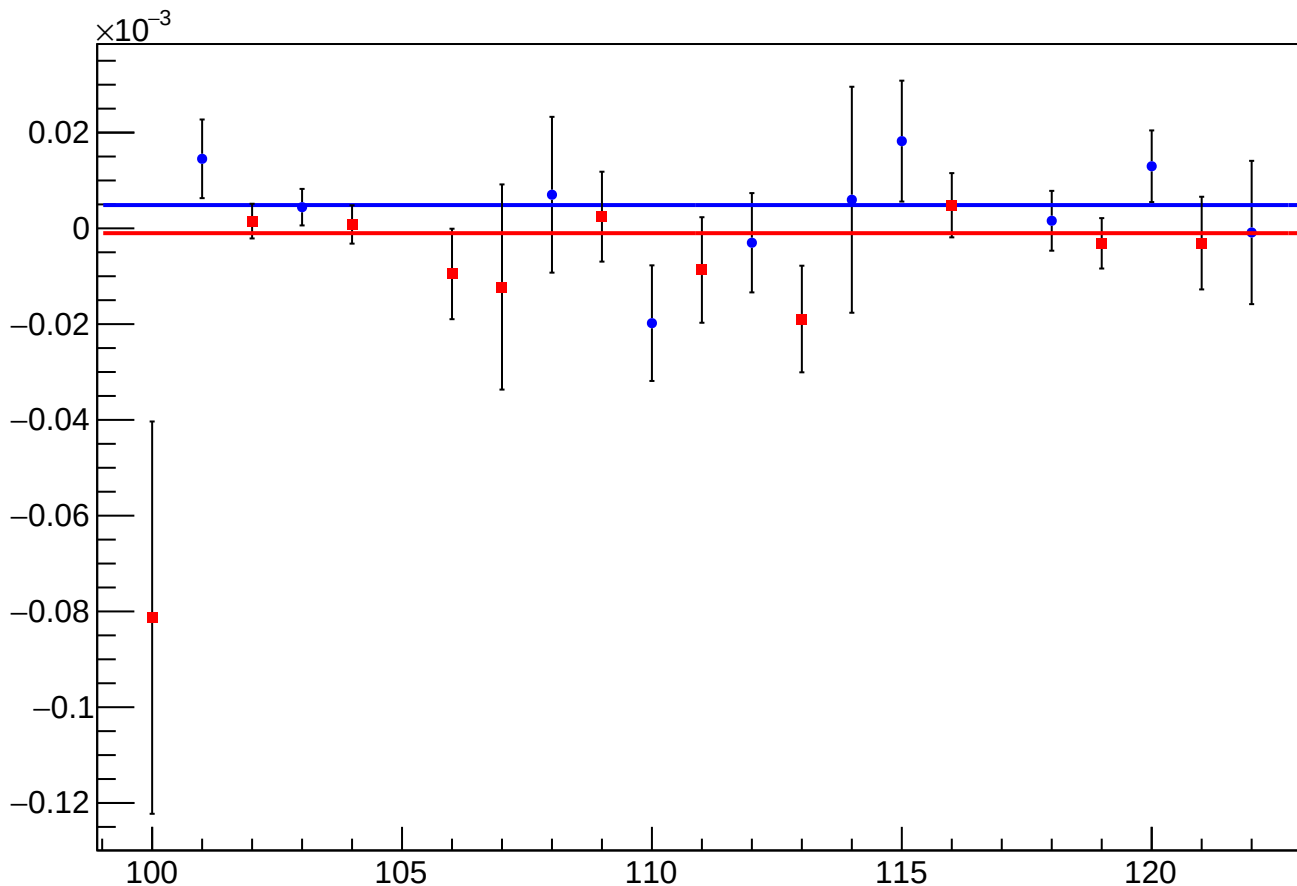
Right: 53.735 $\pm$ 0.015 χ^2 /NDF: 3039396.2/20

In: 53.692 $\pm$ 0.022 χ^2 /NDF:1379563.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.735 $\pm$ 0.015 χ^2 /NDF: 3039396.2/20

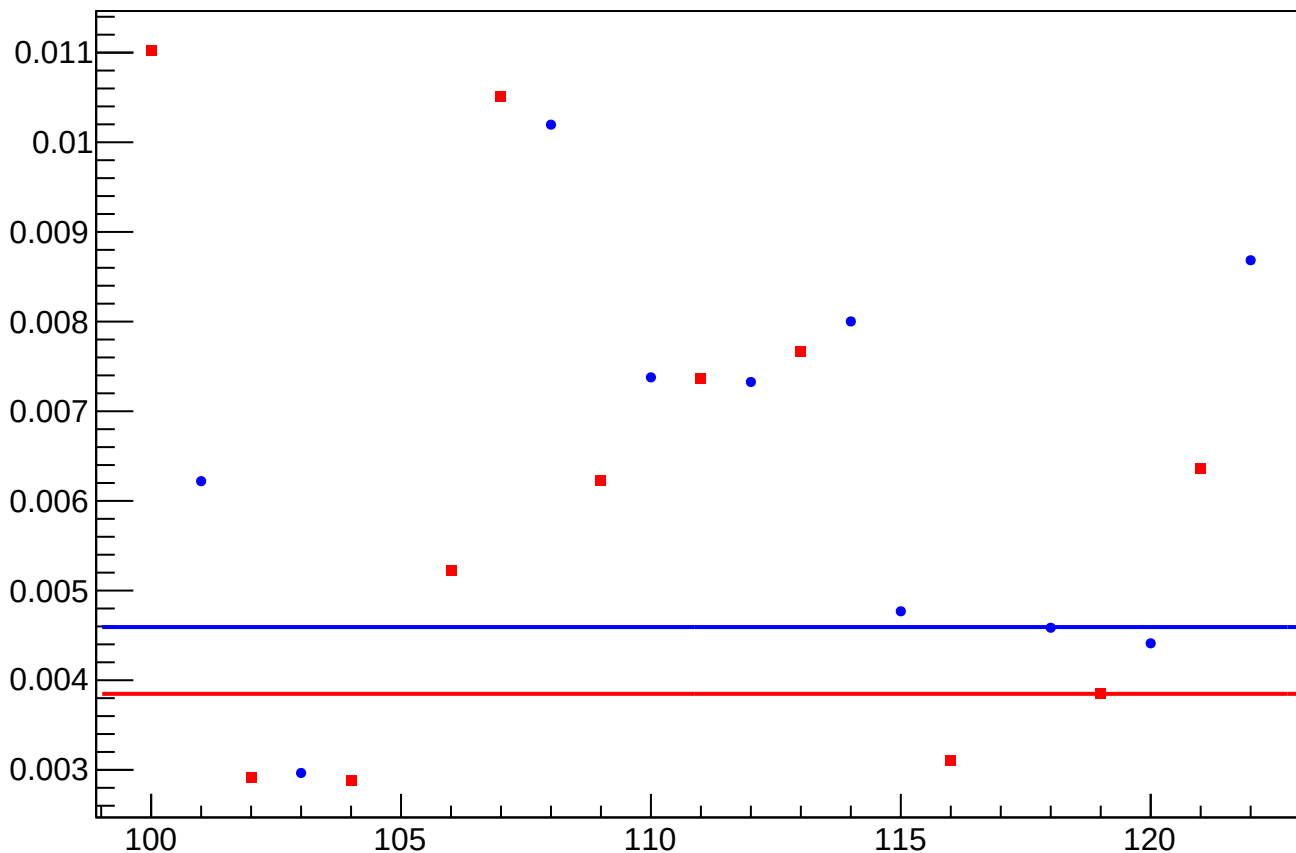
asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

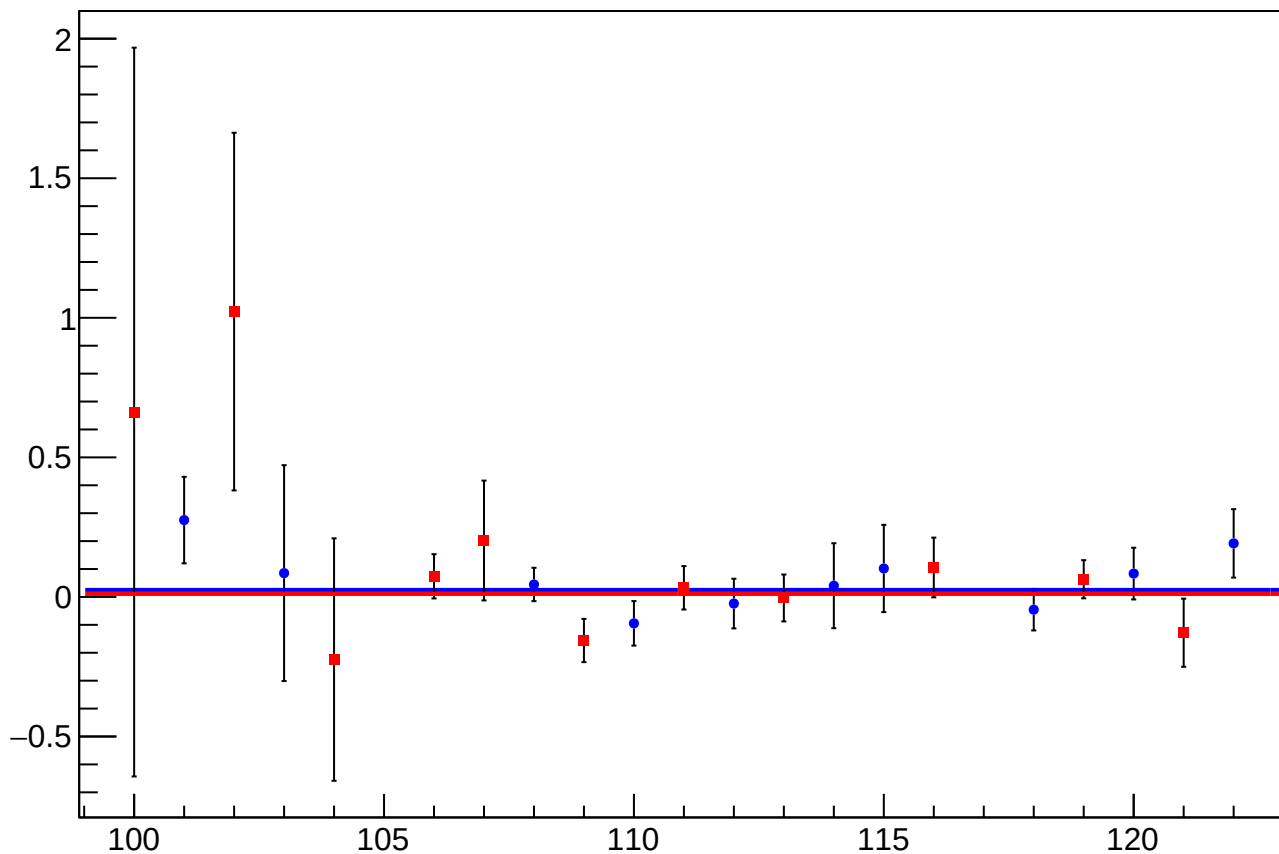
Right: 0.004+/-0.000 χ^2/NDF : 2497901.3/20

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

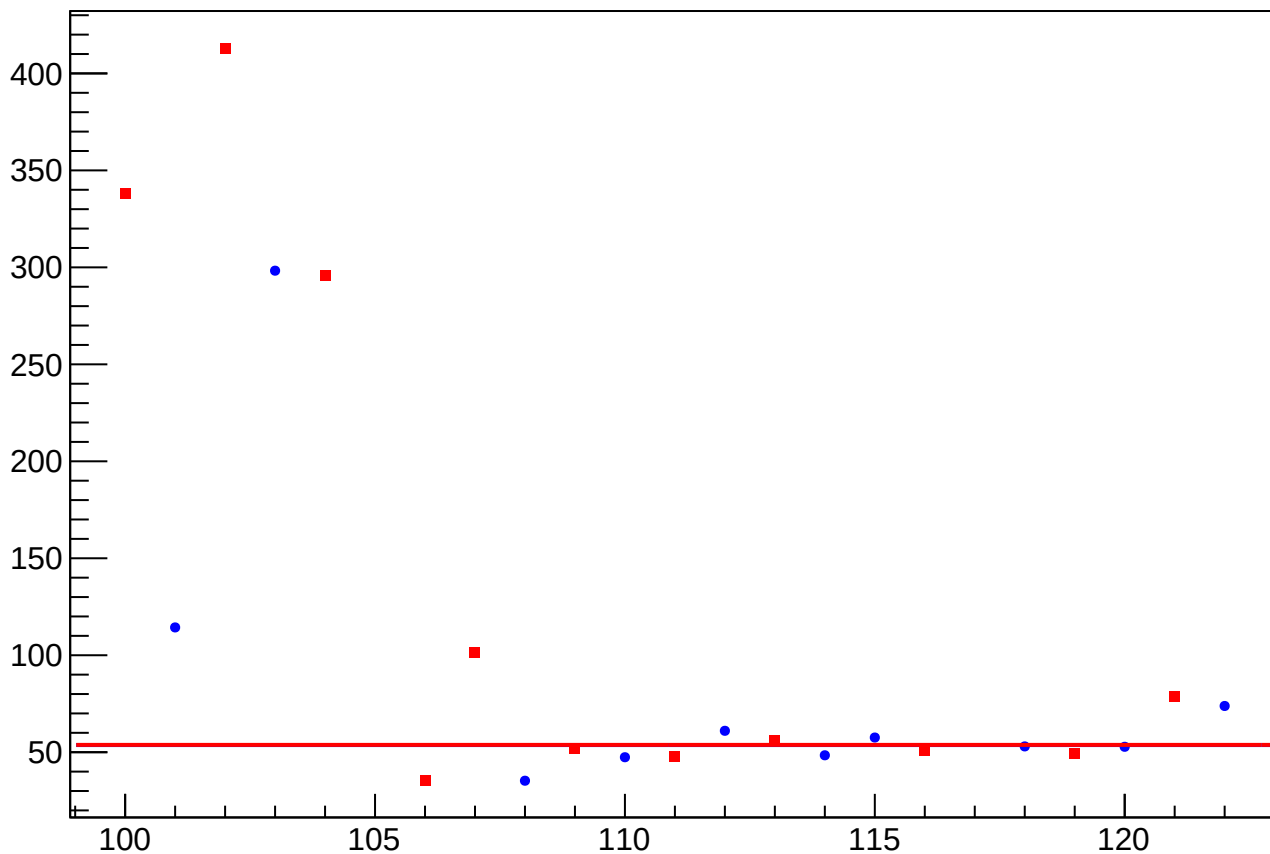
Right: 0.018+/-0.022 χ^2/NDF : 20.7/20

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

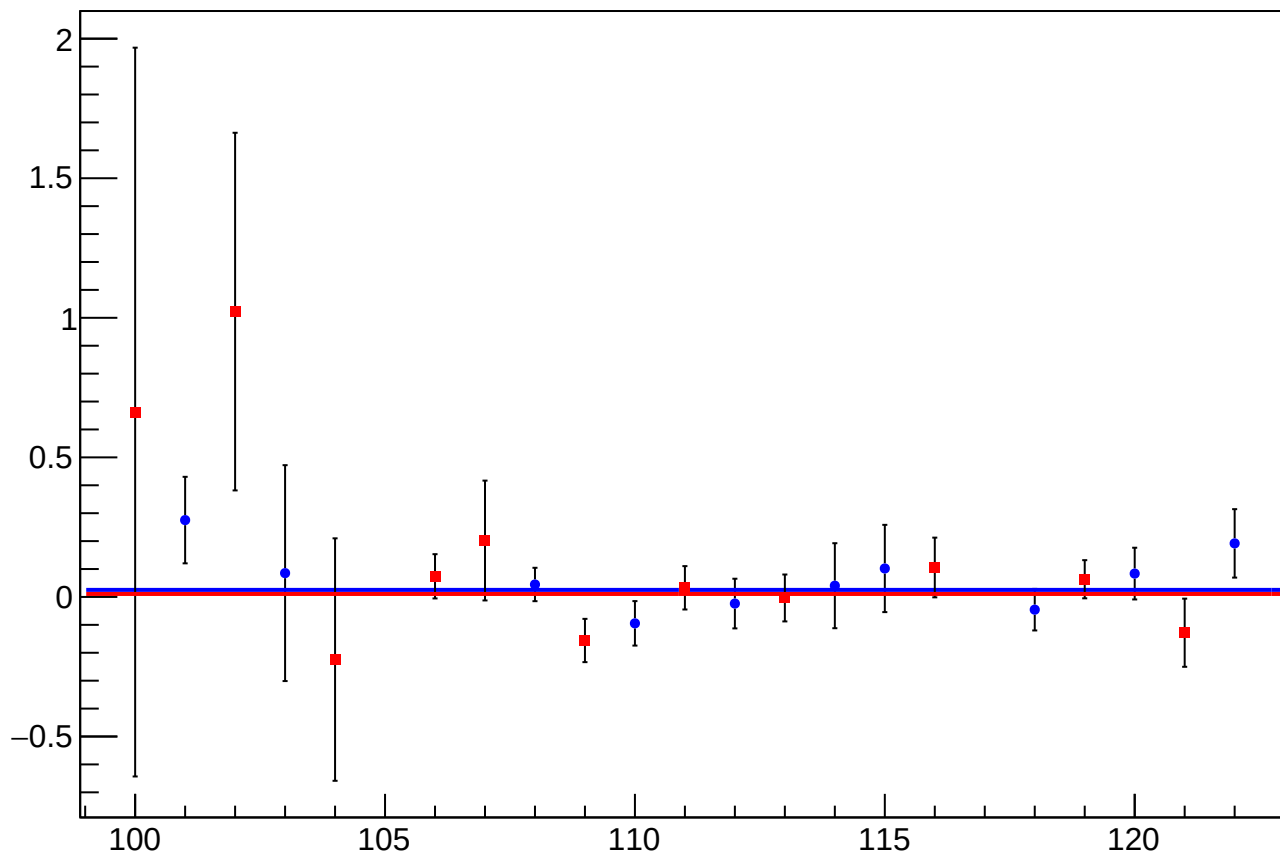
Right: 53.736+/-0.015 χ^2/NDF : 3039286.4/20

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

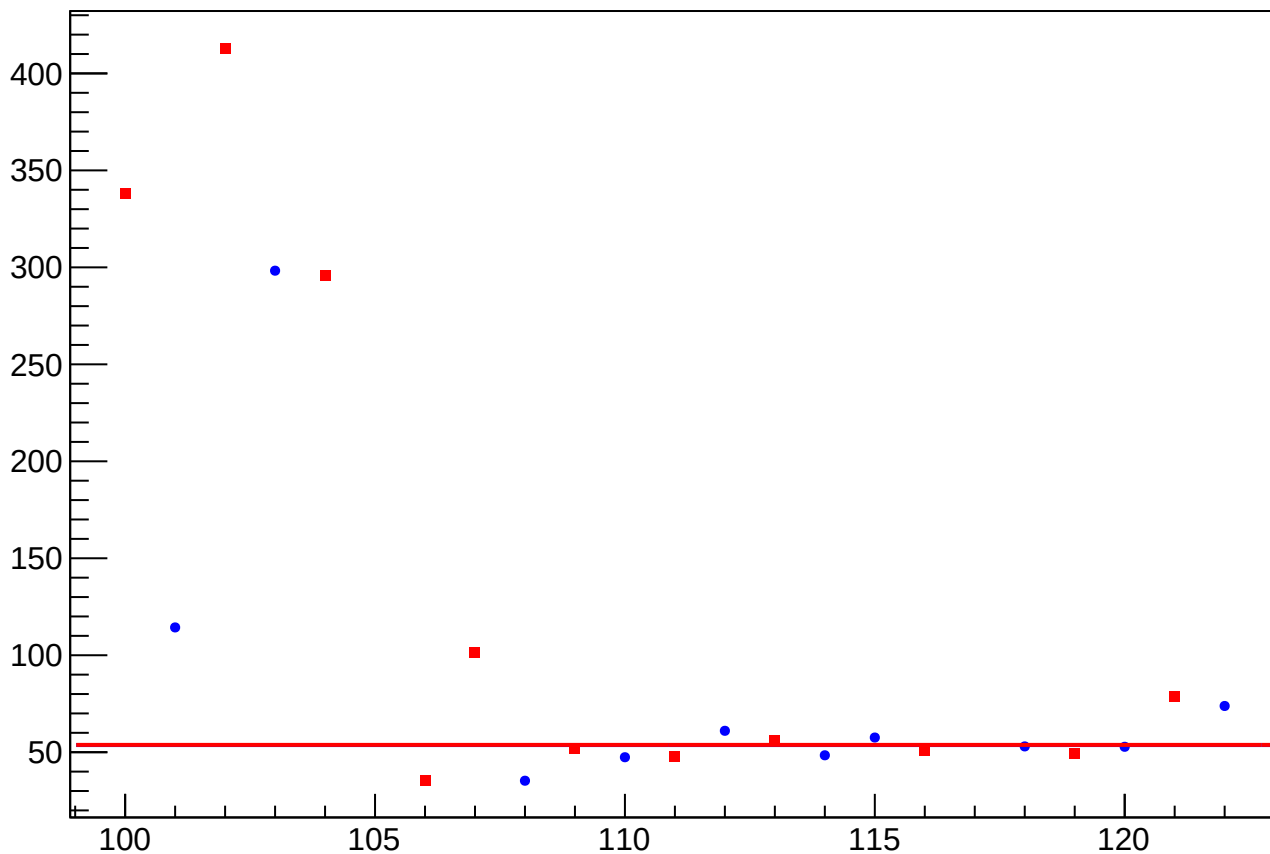
Right: 0.018+/-0.022 χ^2/NDF : 20.7/20

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

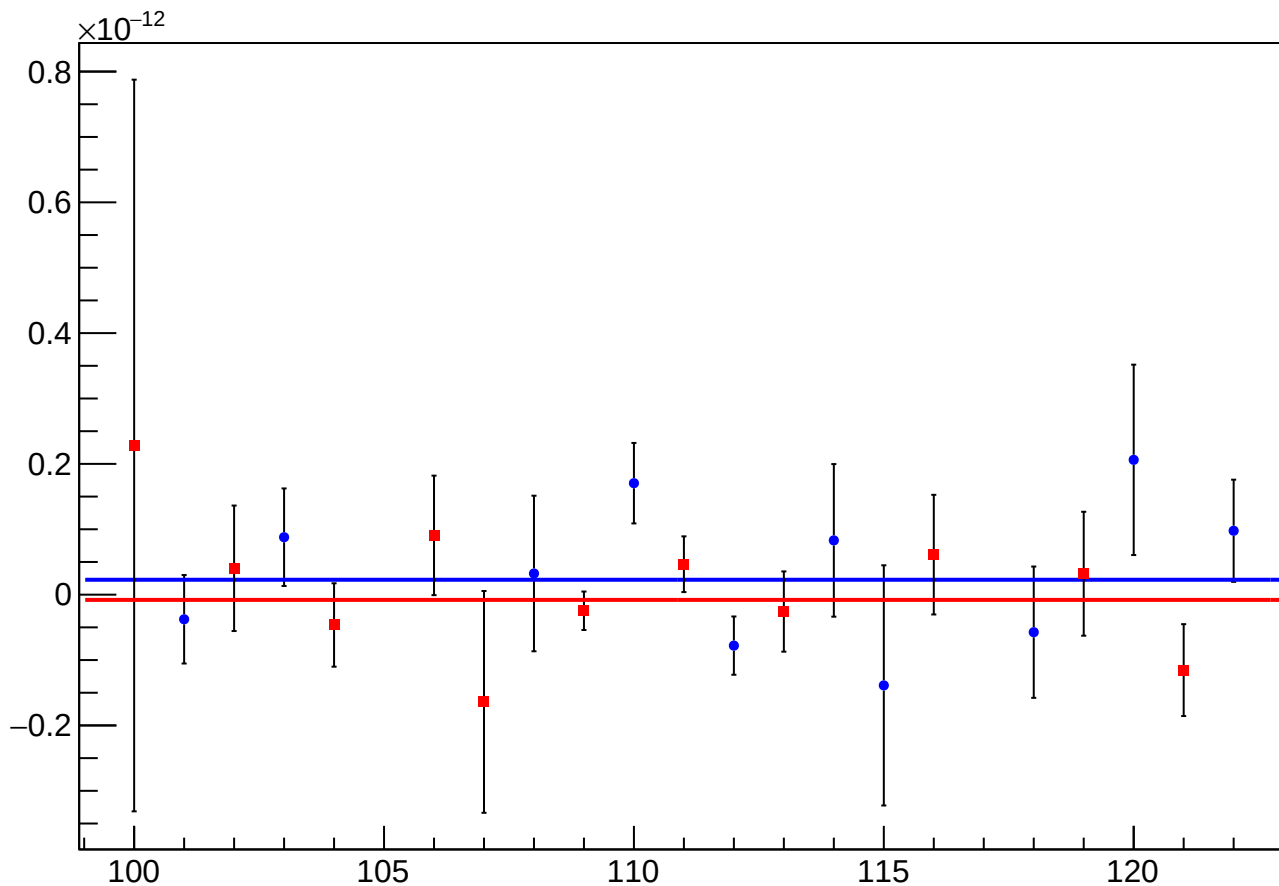
Right: 53.736+/-0.015 χ^2/NDF : 3039286.4/20

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

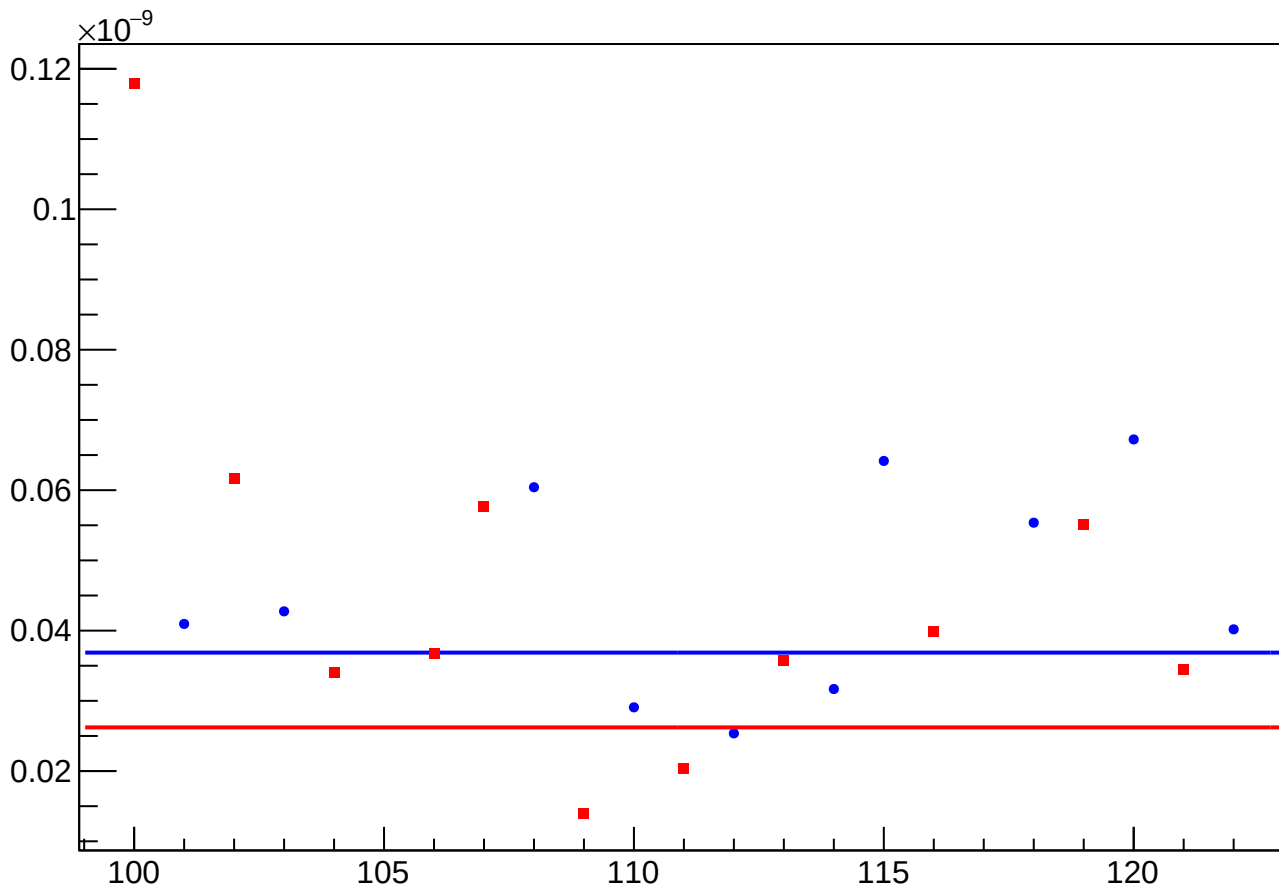
Right: 0.000+/-0.000 χ^2/NDF : 25.6/20

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

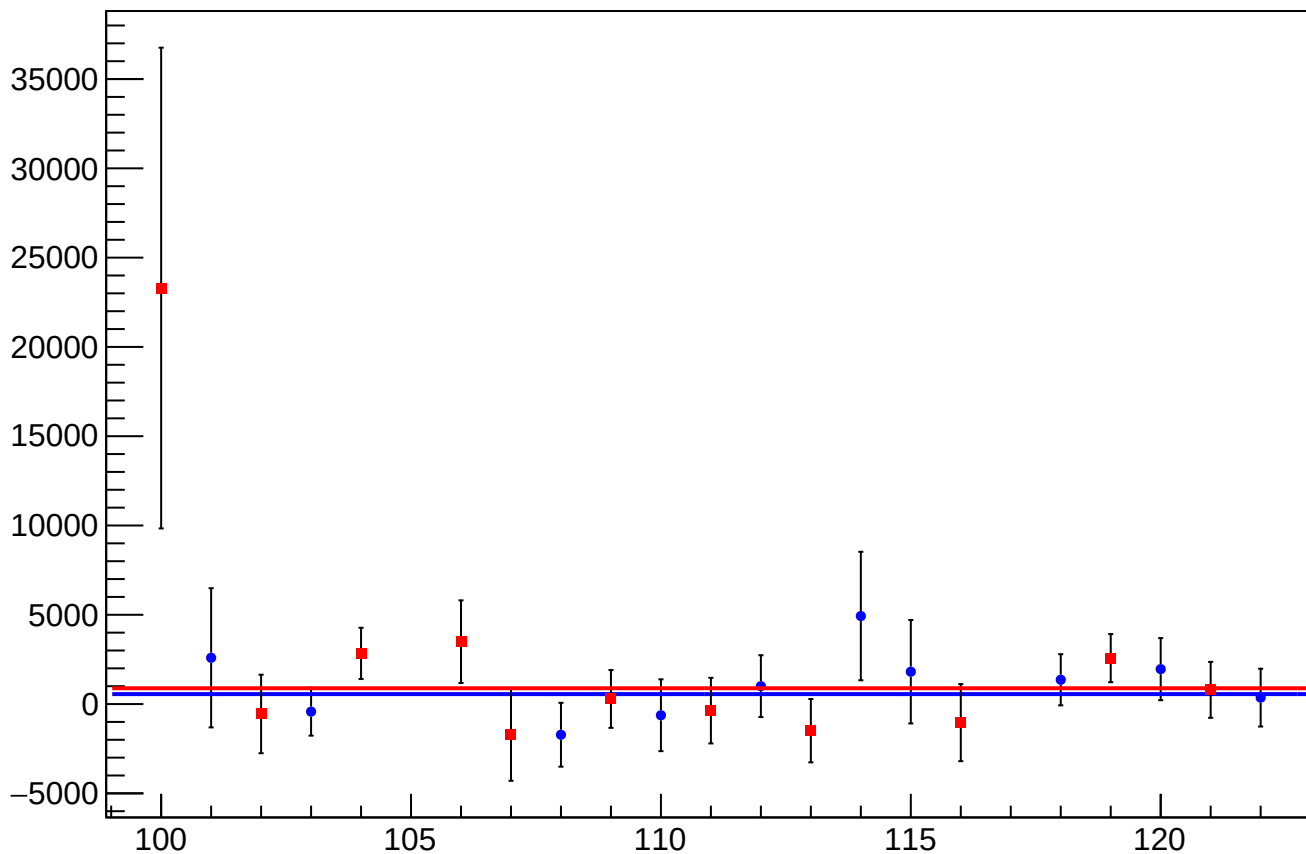
Right: 0.000+/-0.000 χ^2/NDF : 1852108.3/20

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

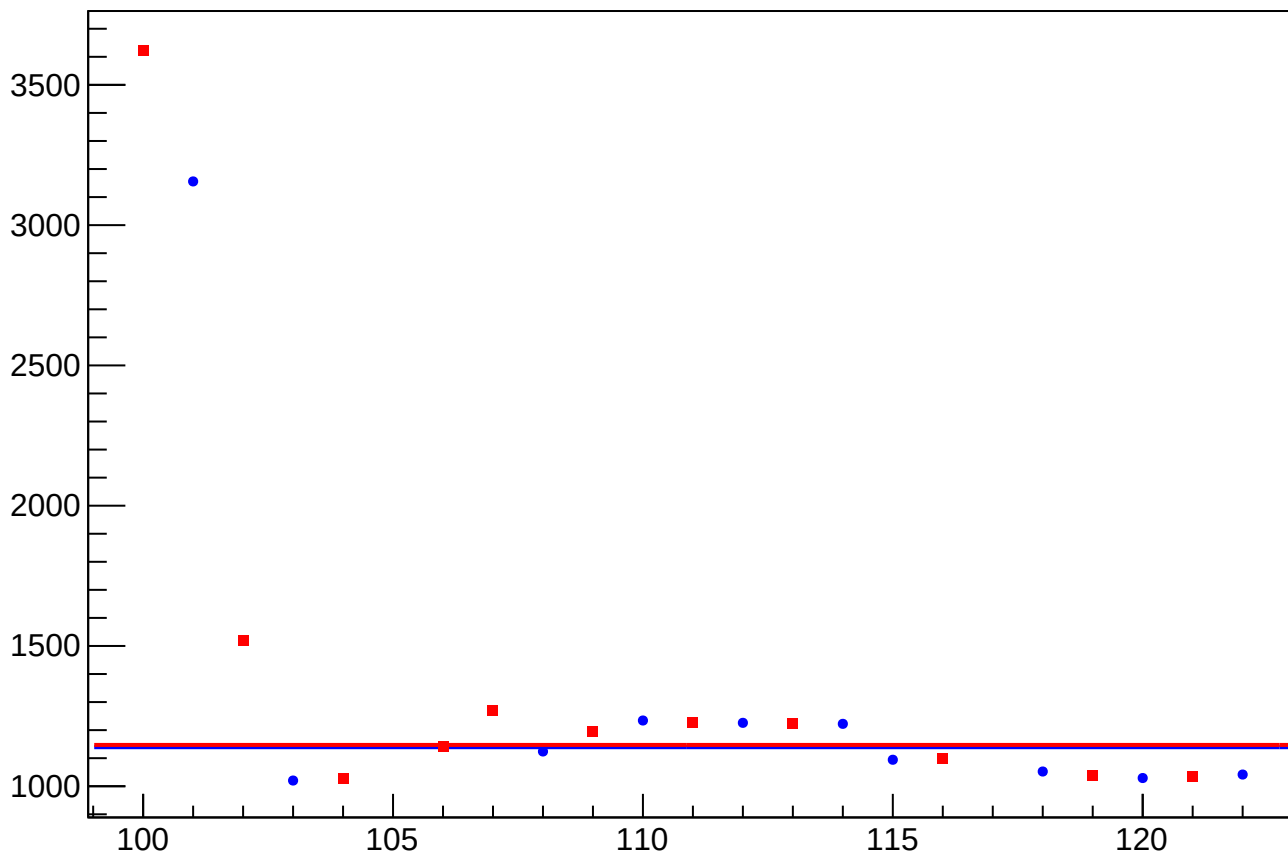
Right: 729.447+/-404.443 χ^2/NDF : 17.7/20

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

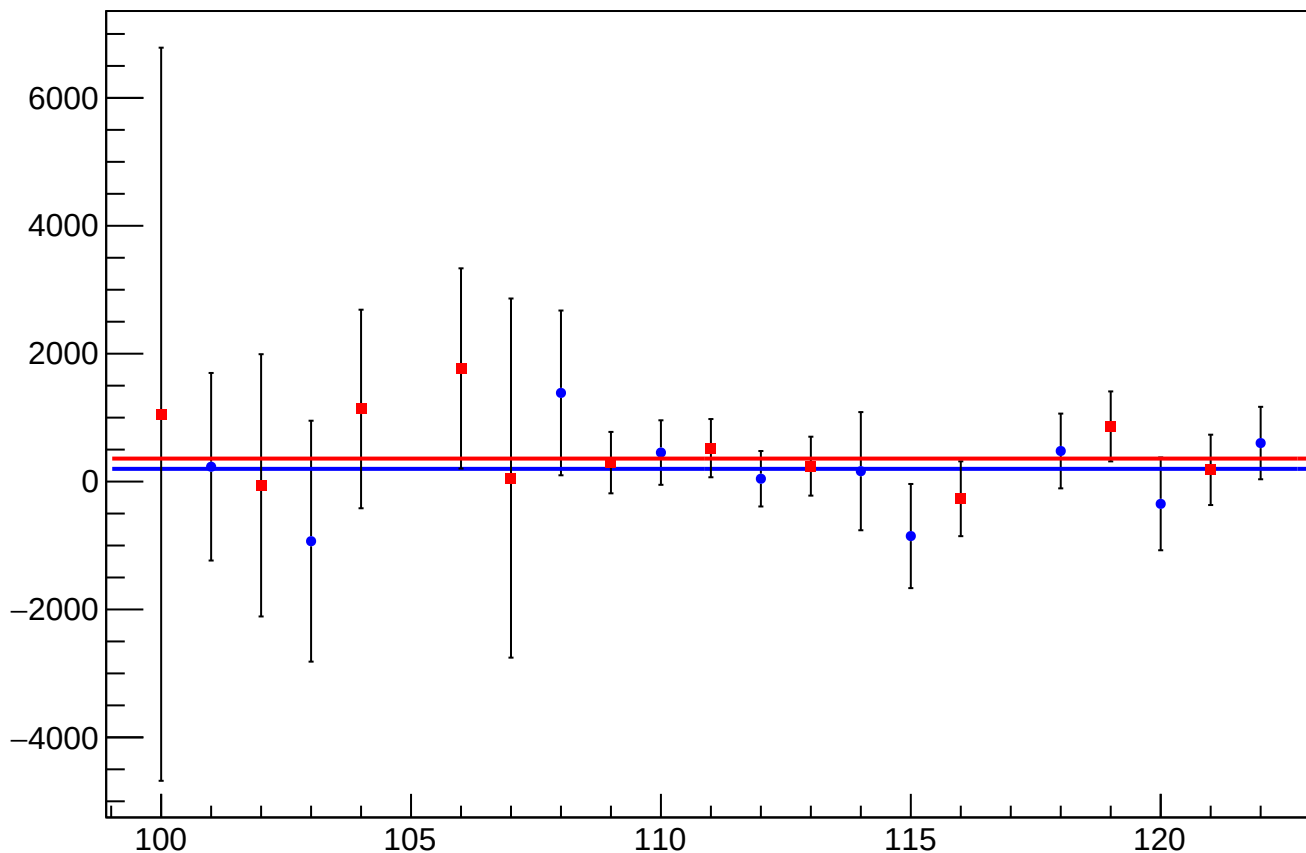
Right: 1143.402+/-0.286 χ^2/NDF : 762504.2/20

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 $\pm$ 217.102 χ^2 /NDF: 4.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 359.510 $\pm$ 201.395 χ^2 /NDF: 3.4/10

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

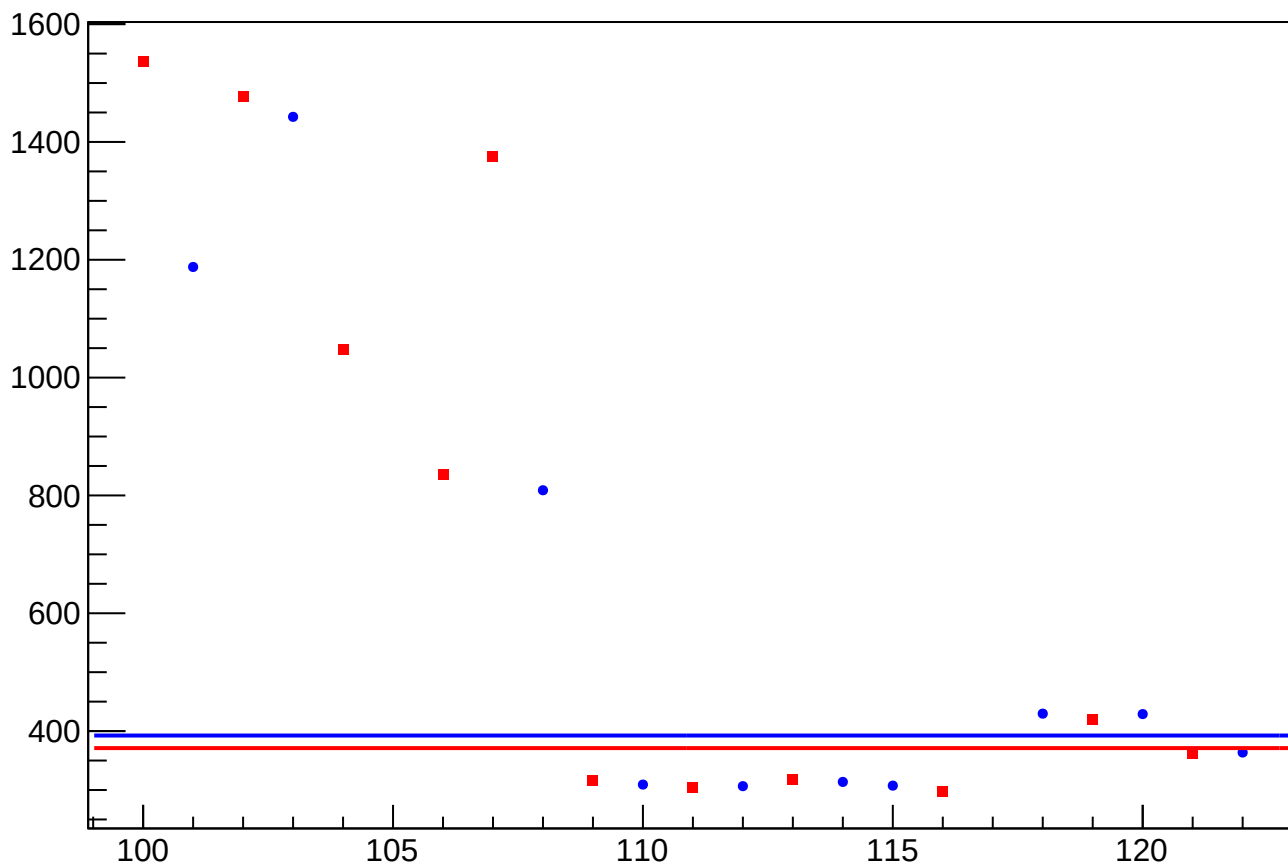
Right: 285.198 $\pm$ 147.649 χ^2 /NDF: 8.3/20

In: 198.843 $\pm$ 217.102 χ^2 /NDF:4.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 285.198 $\pm$ 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

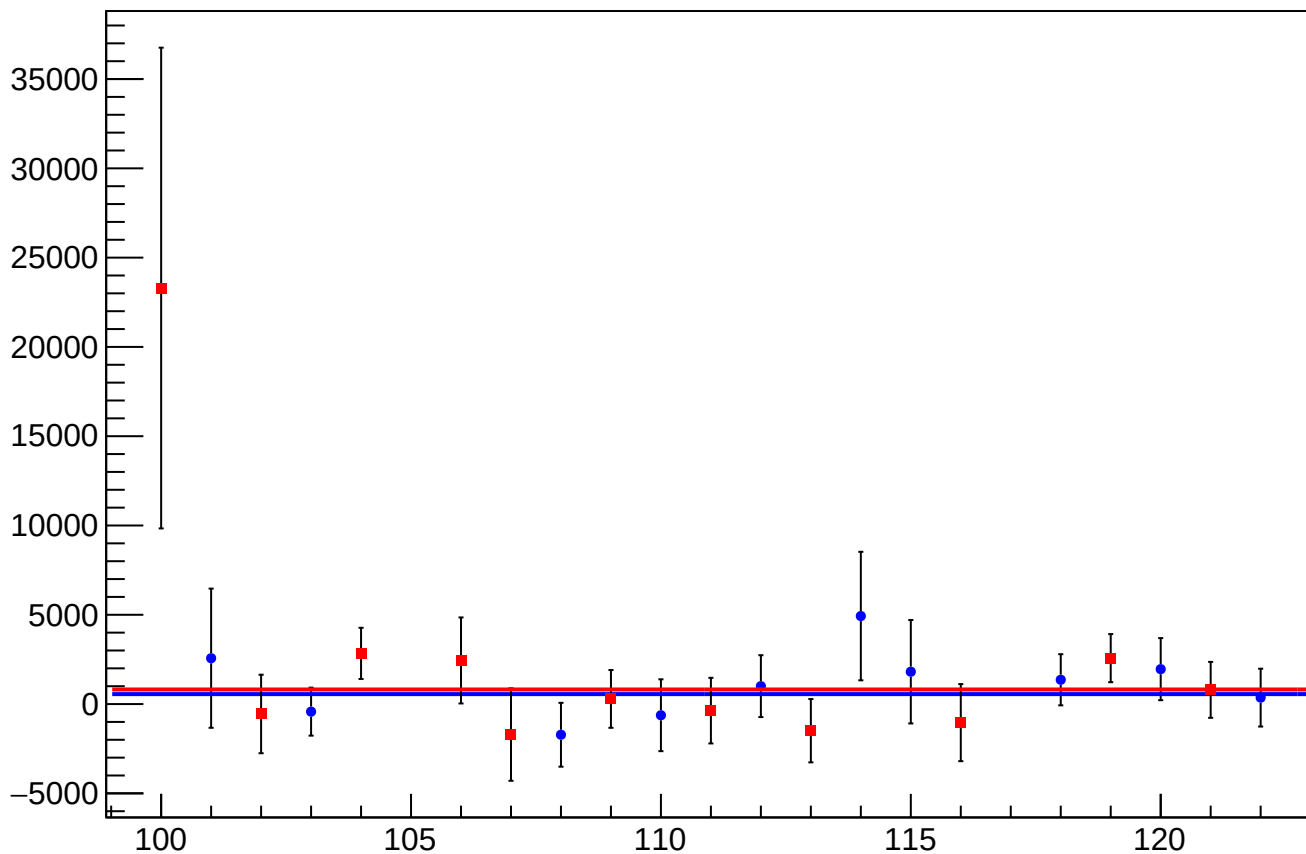
Right: 381.000+/-0.104 χ^2/NDF : 3239023.3/20

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

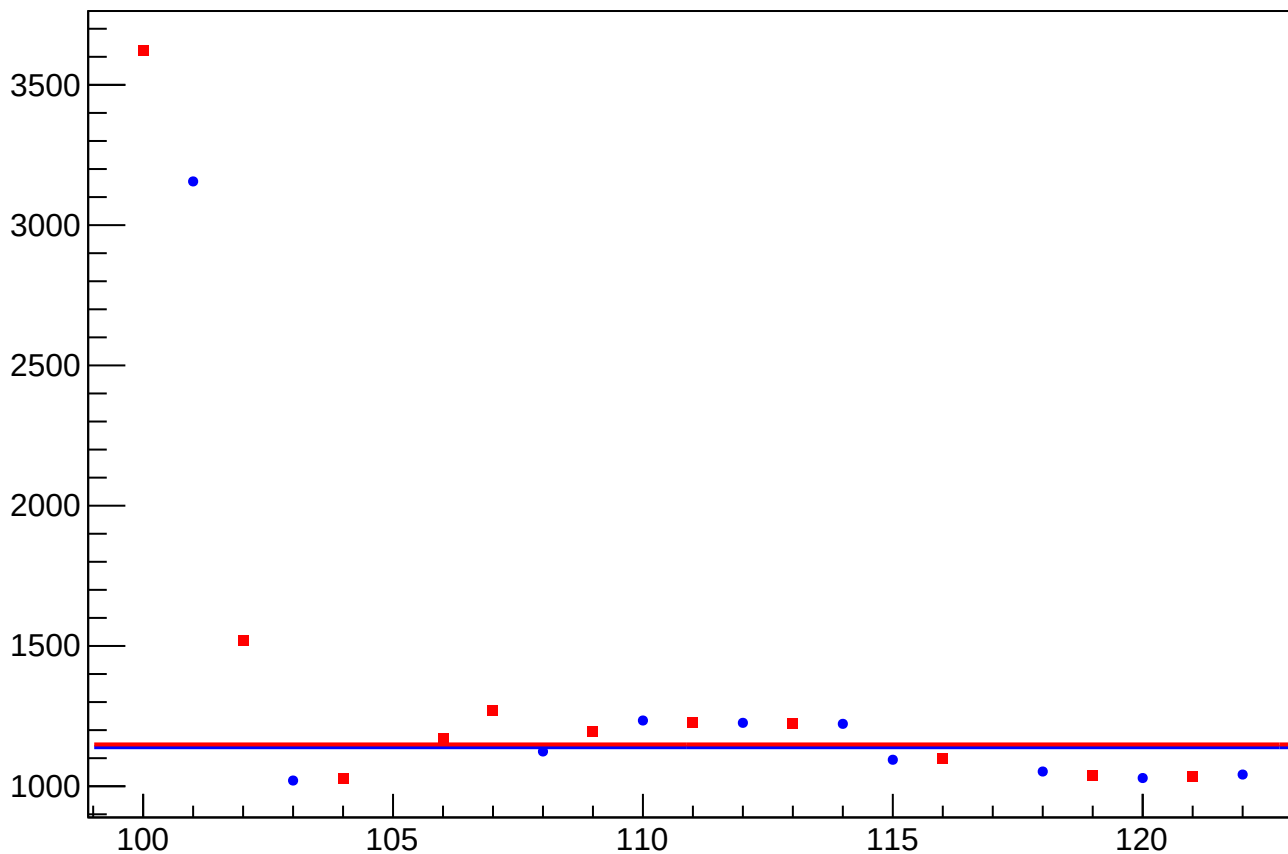
Right: 692.913+/-404.920 χ^2/NDF : 16.8/20

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

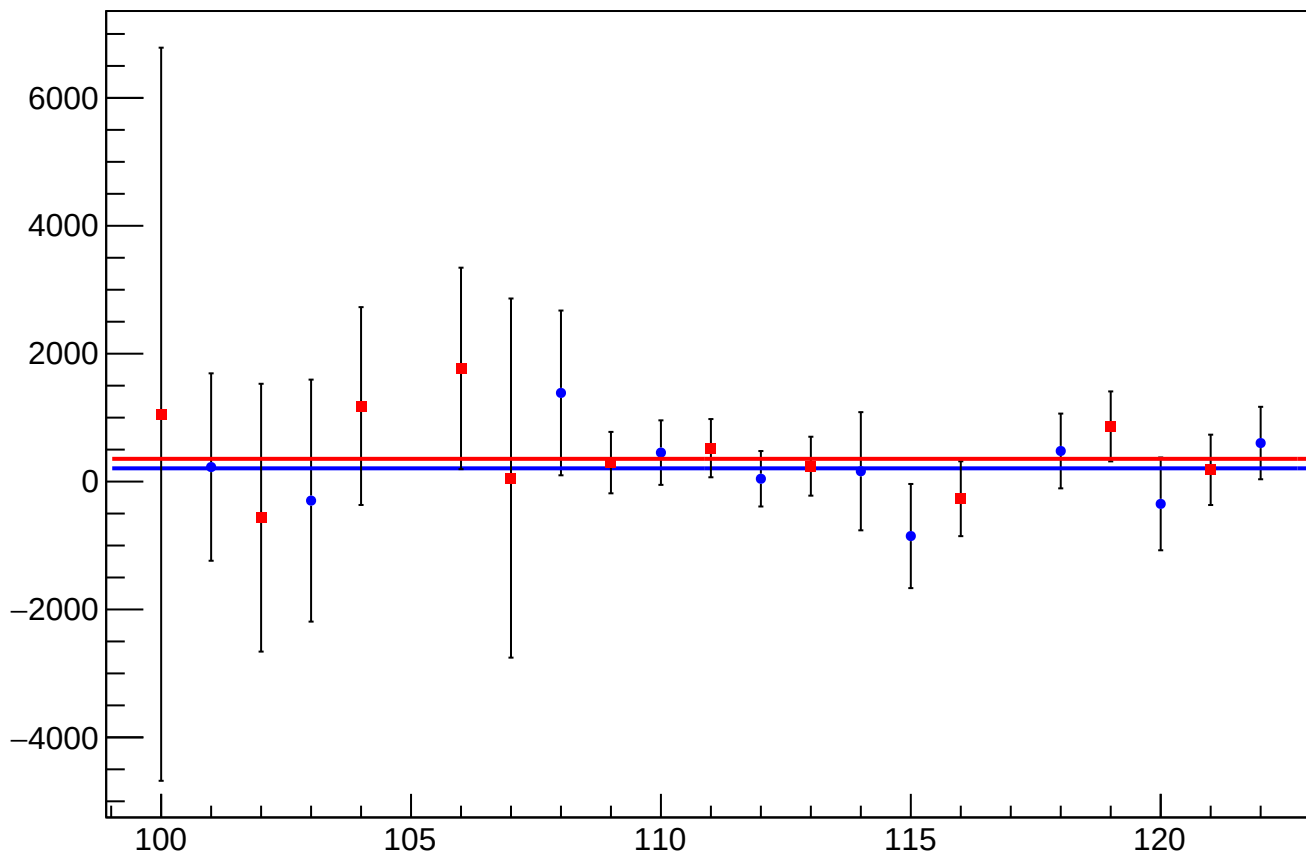
Right: 1144.295+/-0.286 χ^2/NDF : 762769.4/20

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

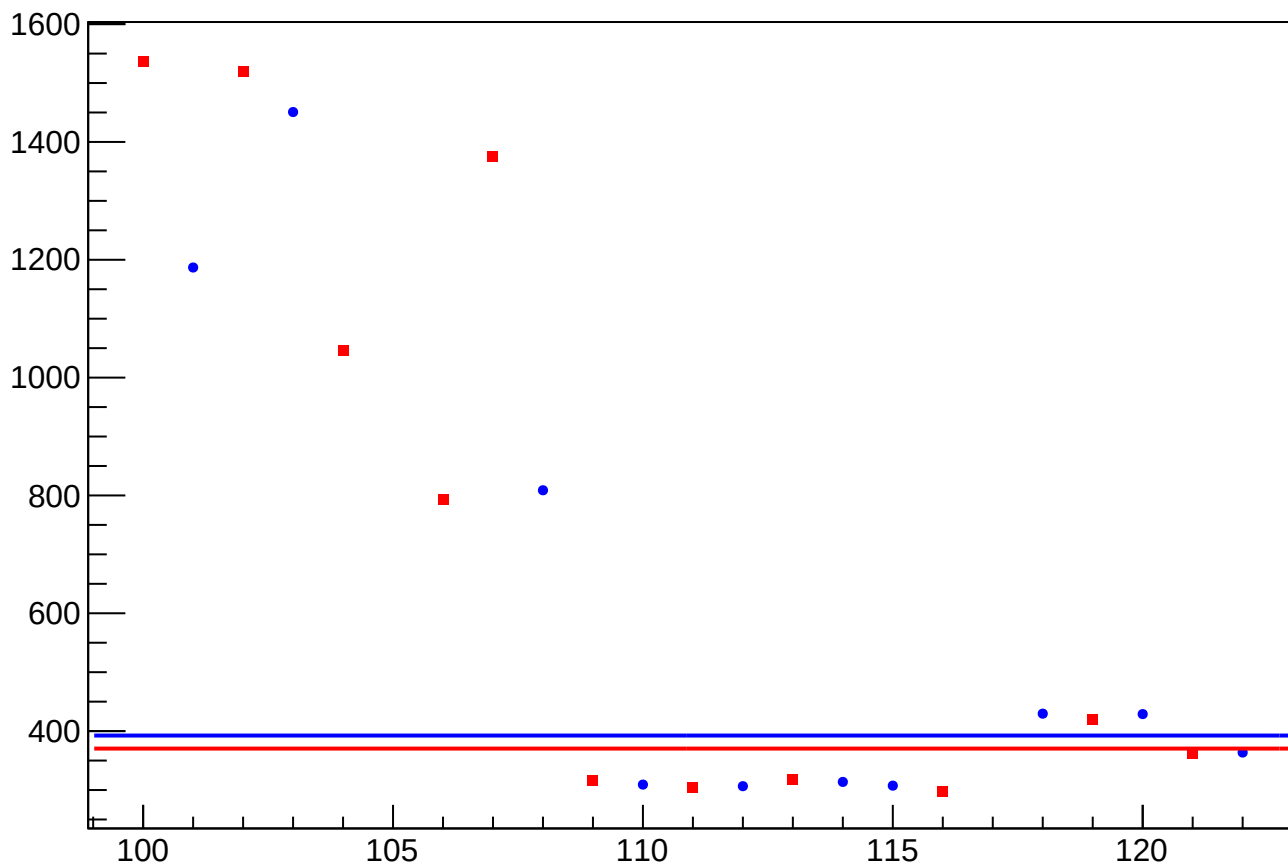
Right: 286.888 $\pm$ 147.672 χ^2 /NDF: 8.1/20

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

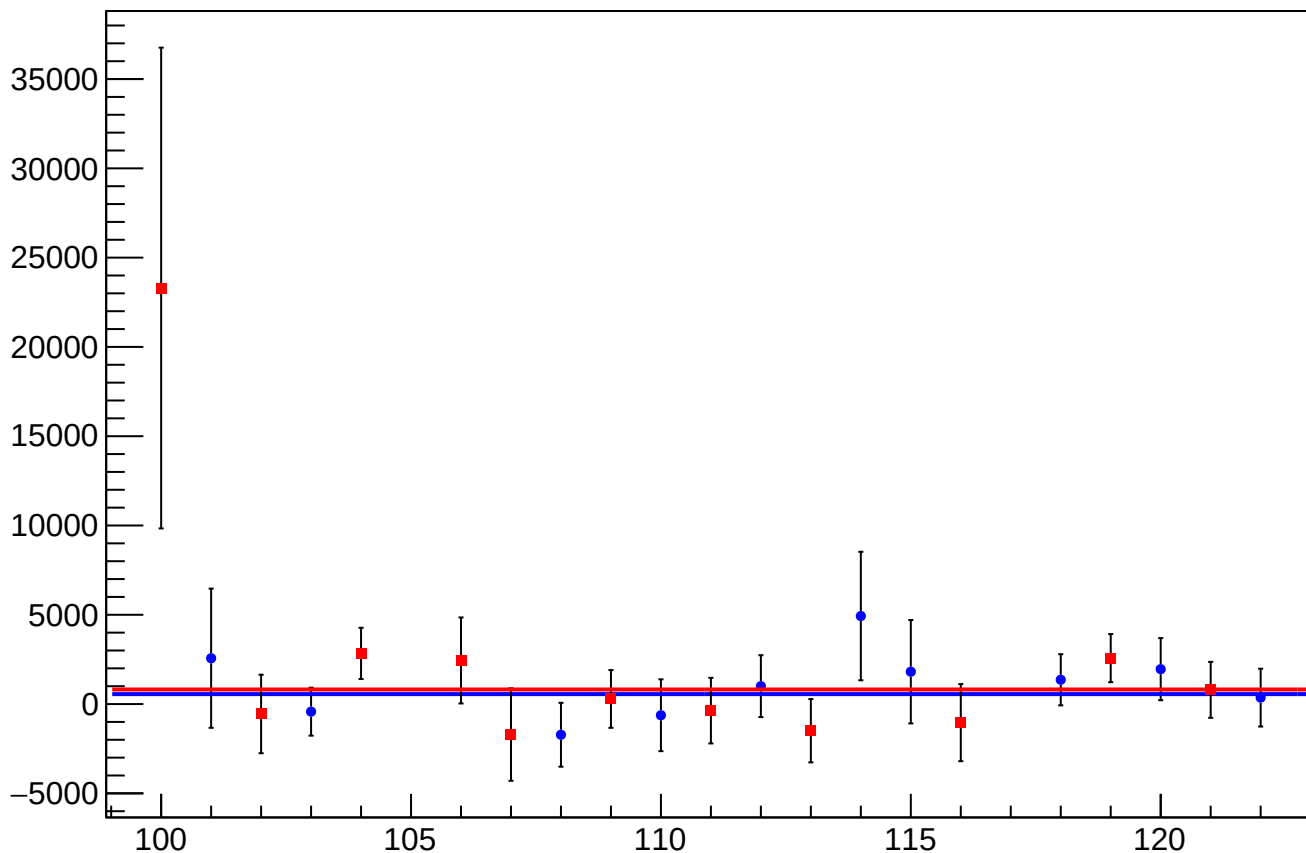
Right: 380.578+/-0.104 χ^2/NDF : 3230359.7/20

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

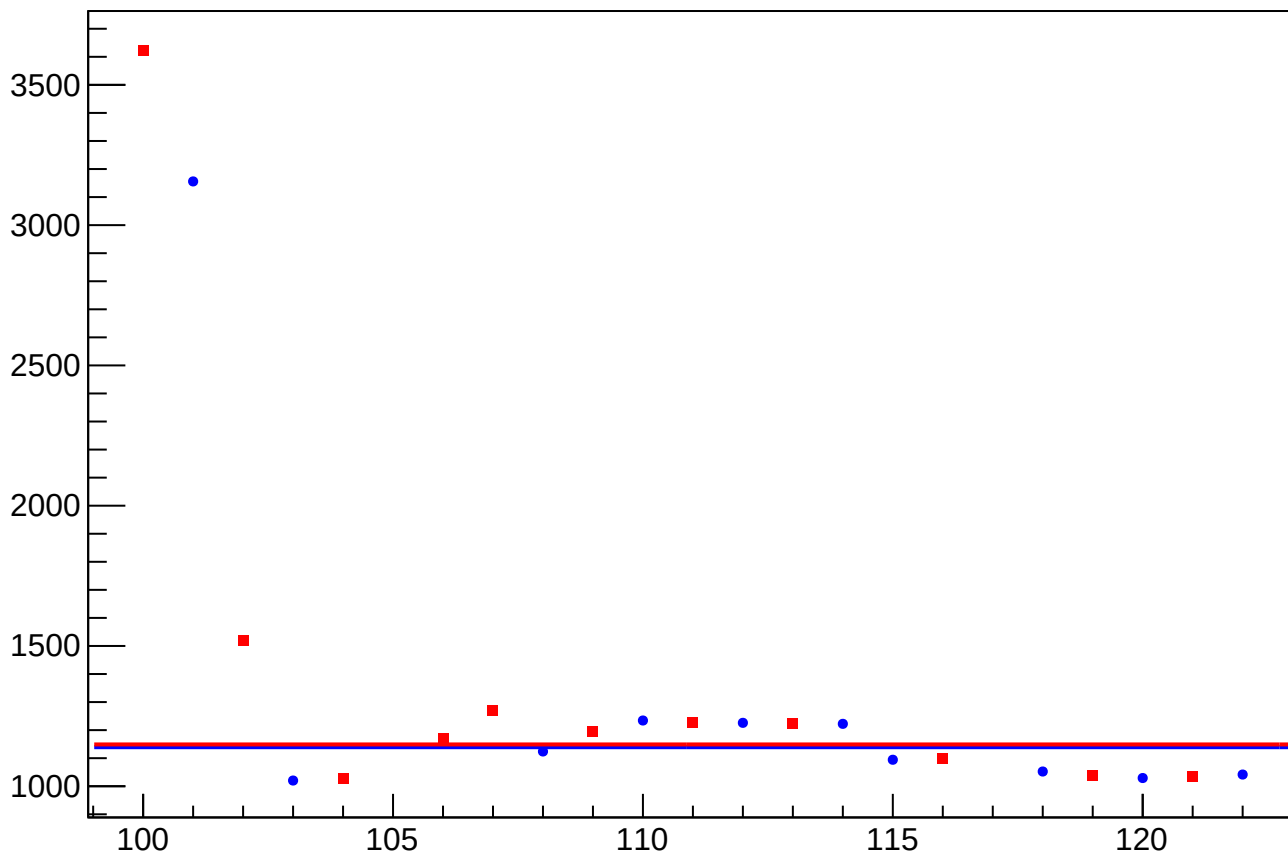
Right: 692.913+/-404.920 χ^2/NDF : 16.8/20

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

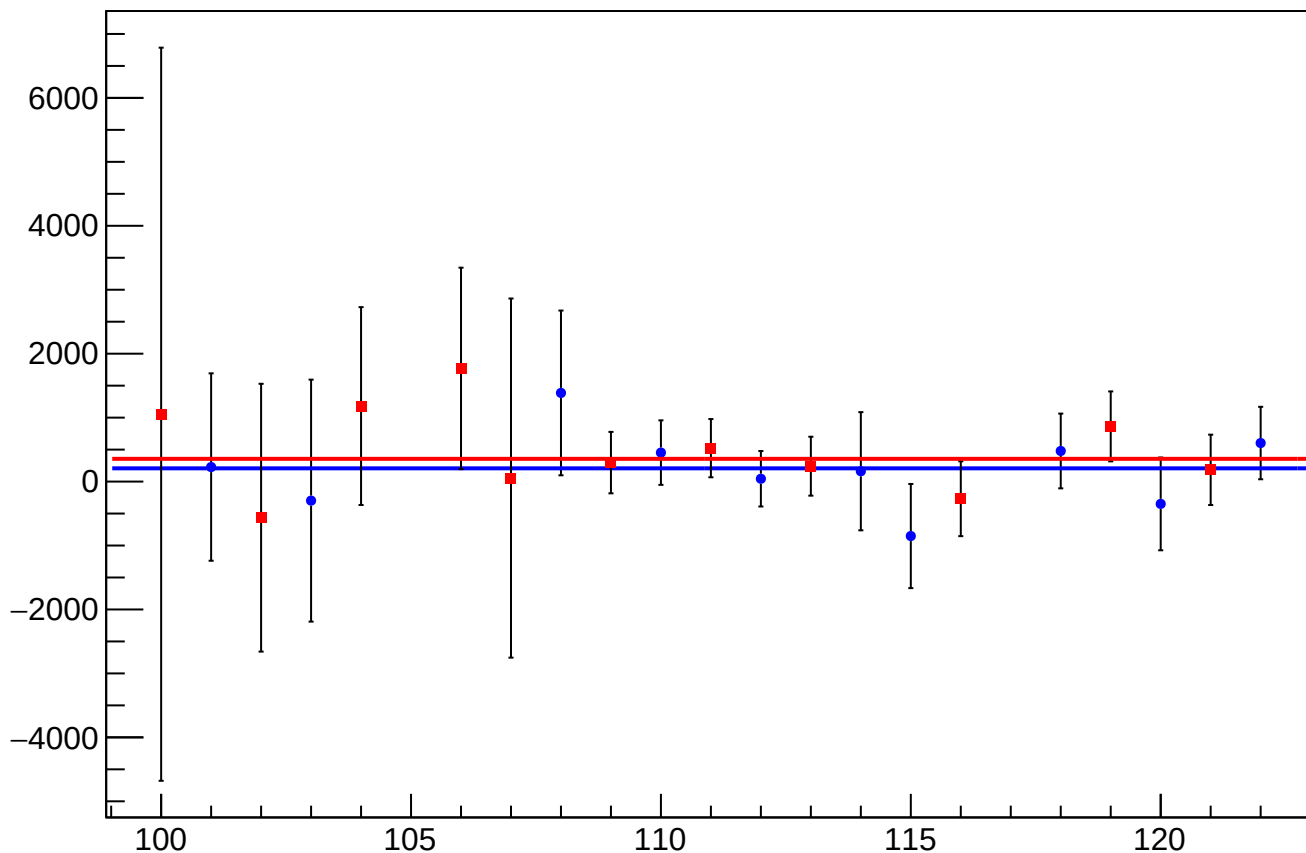
Right: 1144.295+/-0.286 χ^2/NDF : 762769.4/20

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

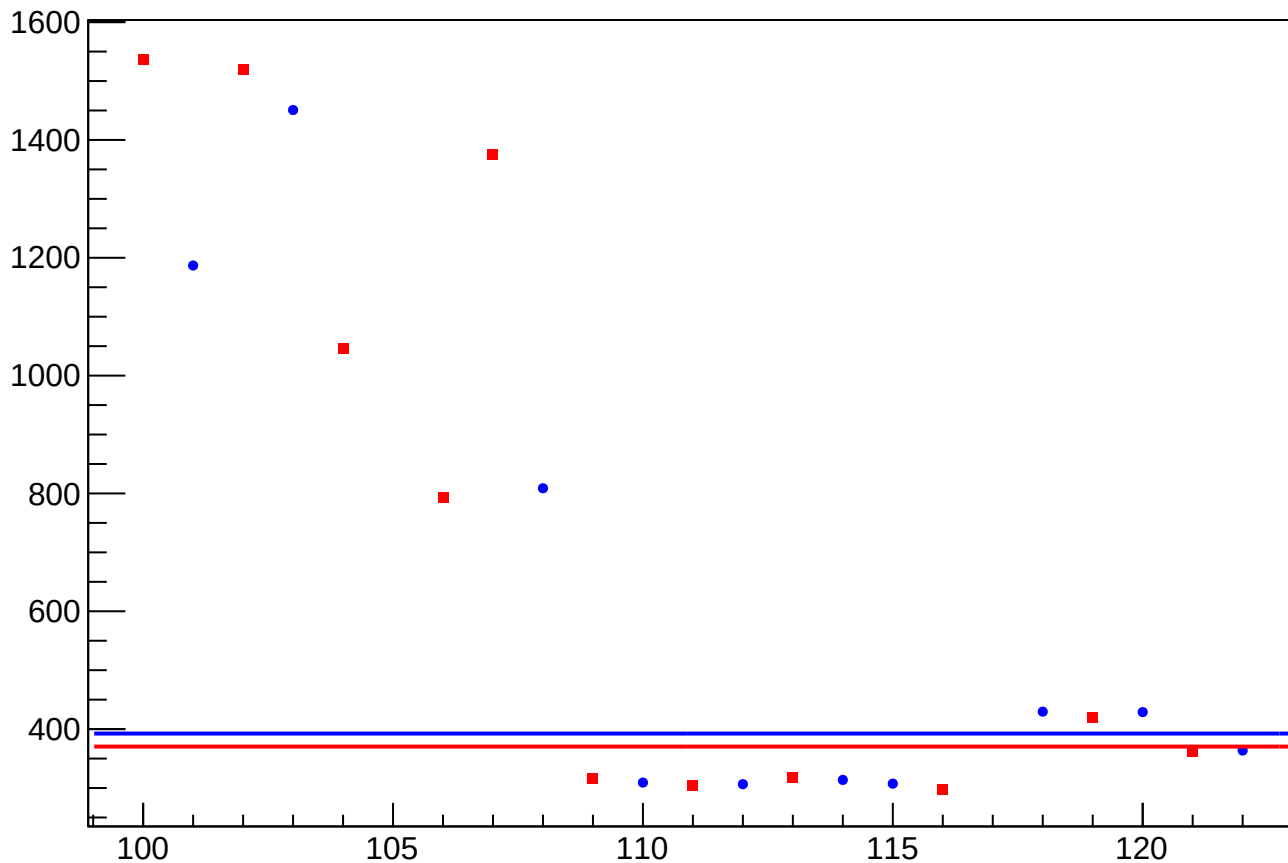
Right: 286.888+/-147.672 χ^2/NDF : 8.1/20

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

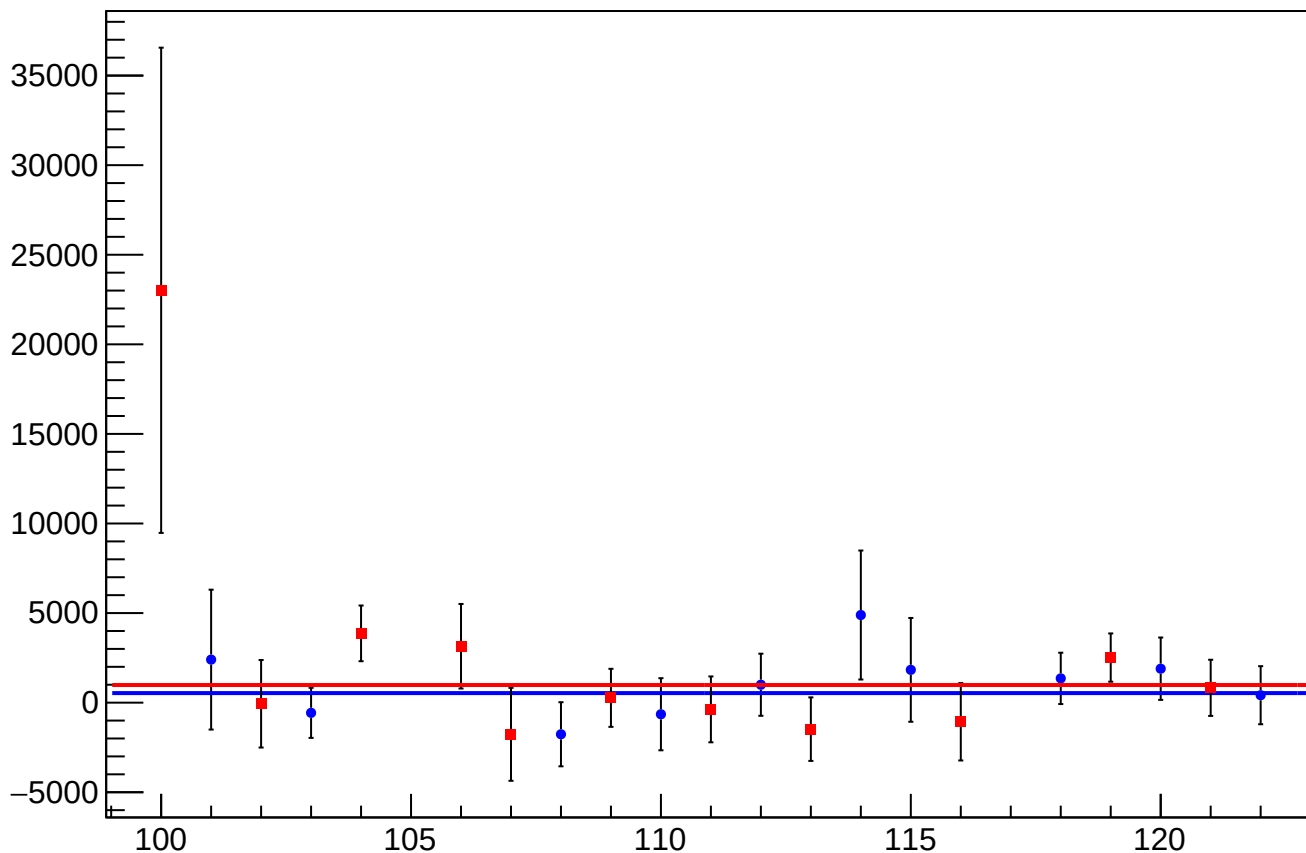
Right: 380.578+/-0.104 χ^2/NDF : 3230359.7/20

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

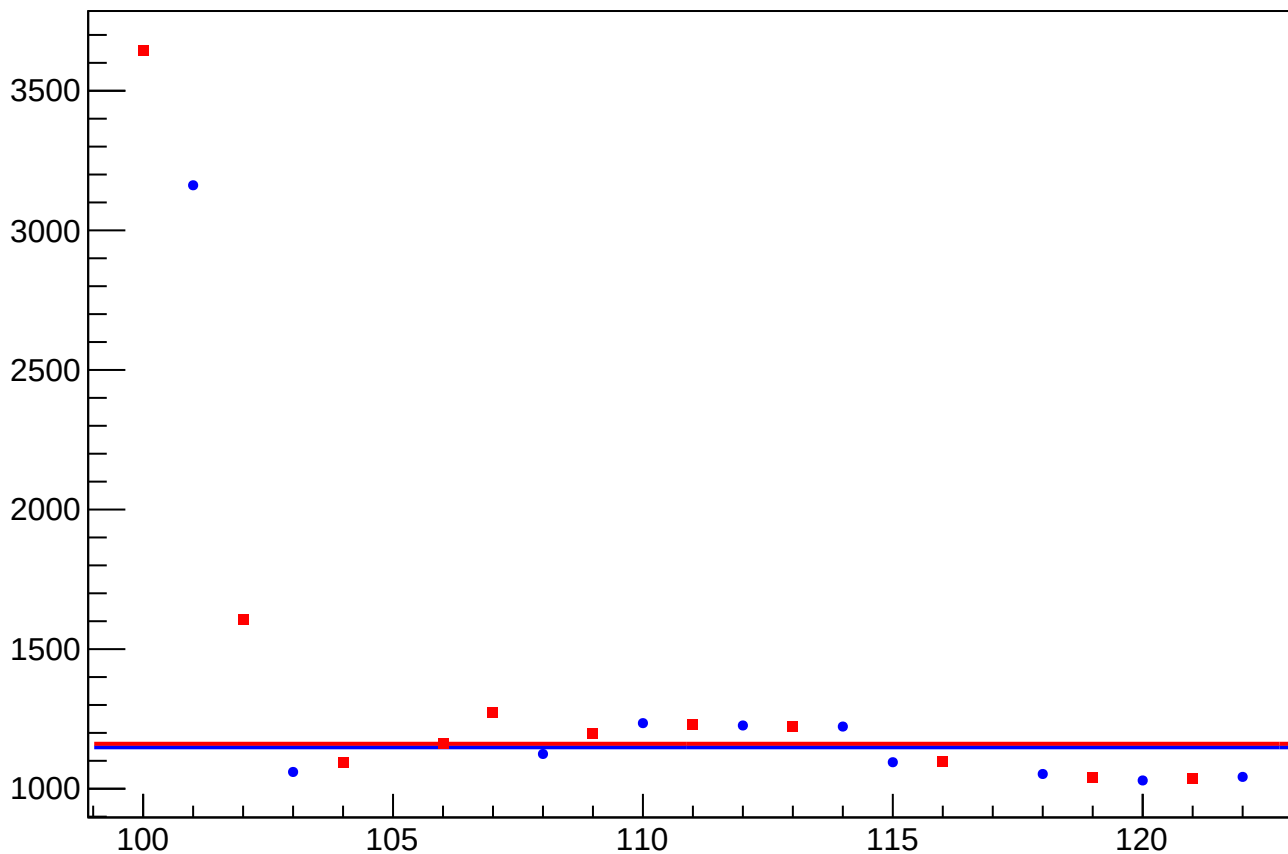
Right: 767.212+/-410.067 χ^2/NDF : 18.9/20

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

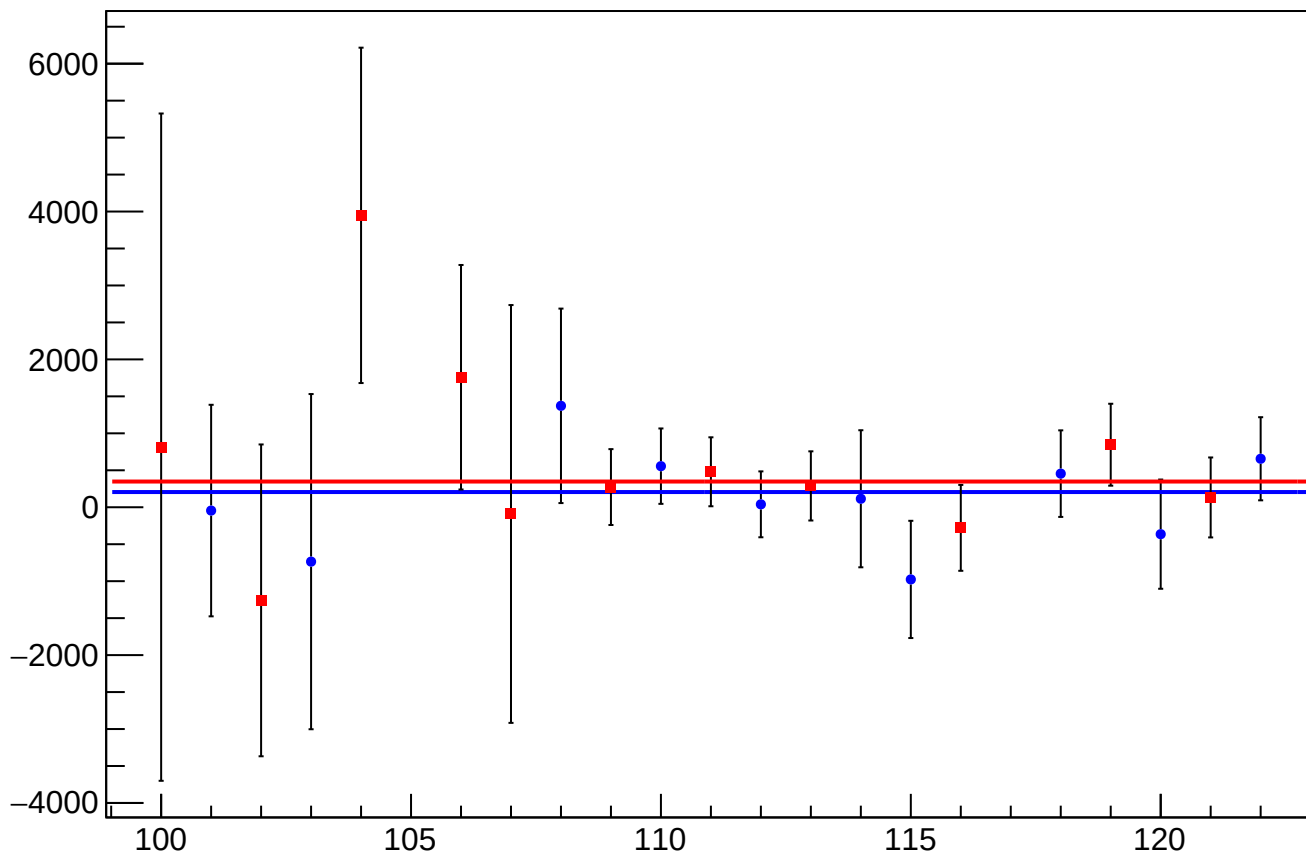
Right: 1154.968+/-0.290 χ^2/NDF : 754755.6/20

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 $\pm$ 219.208 χ^2 /NDF: 5.2/9

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 347.831 $\pm$ -205.707 χ^2 /NDF: 6.2/10

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

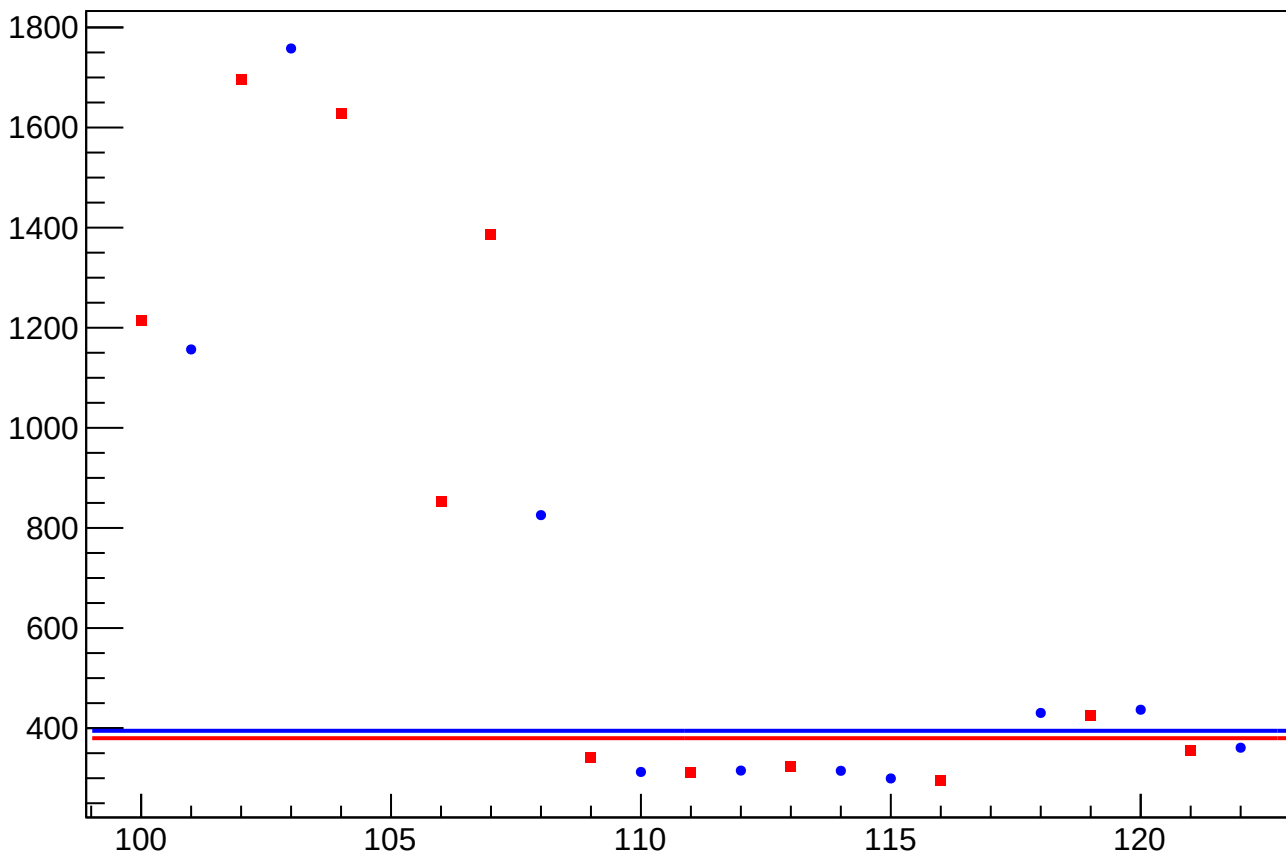
Right: 281.259 $\pm$ -150.003 χ^2 /NDF: 11.7/20

In: 205.663 $\pm$ -219.208 χ^2 /NDF:5.2/9

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 281.259 $\pm$ -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

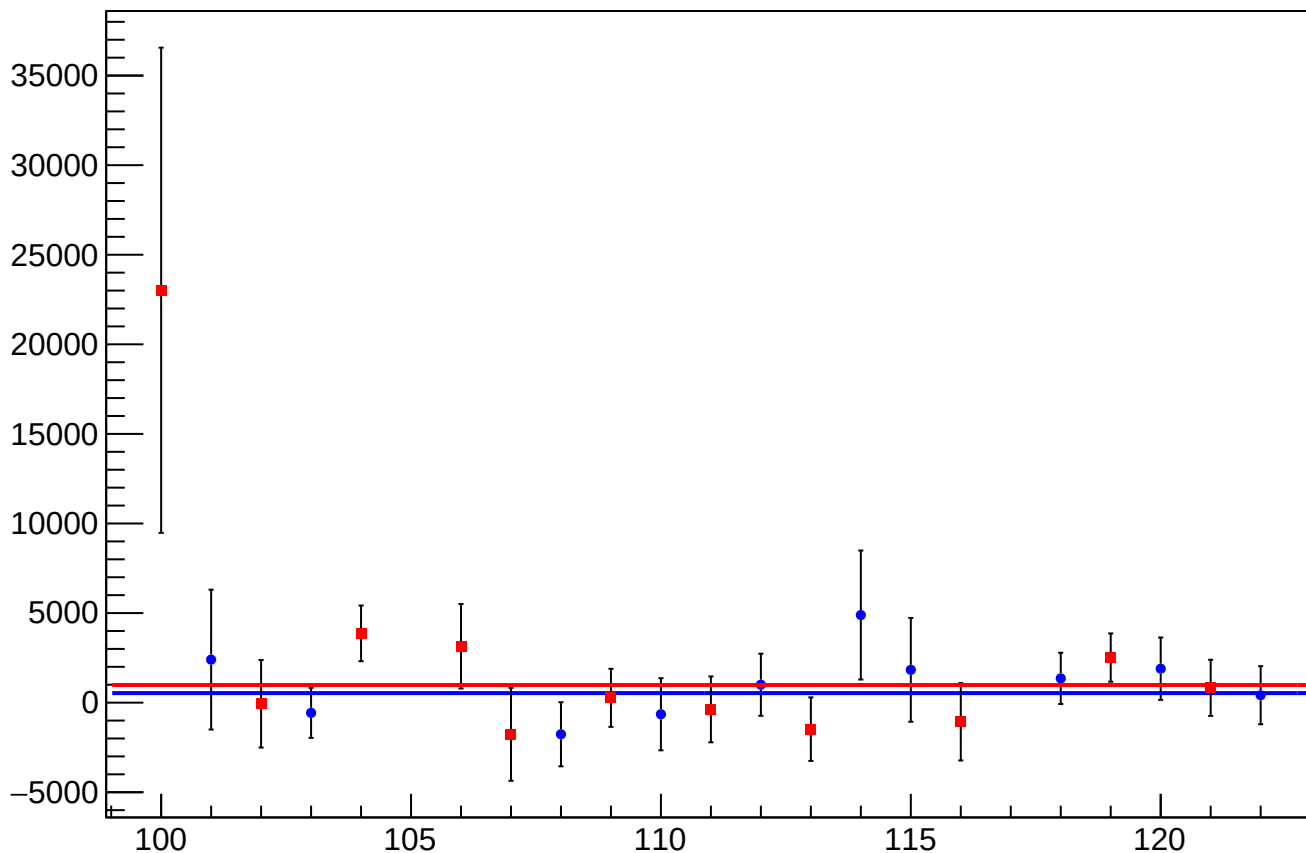
Right: 386.873+/-0.106 χ^2/NDF : 3733083.8/20

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

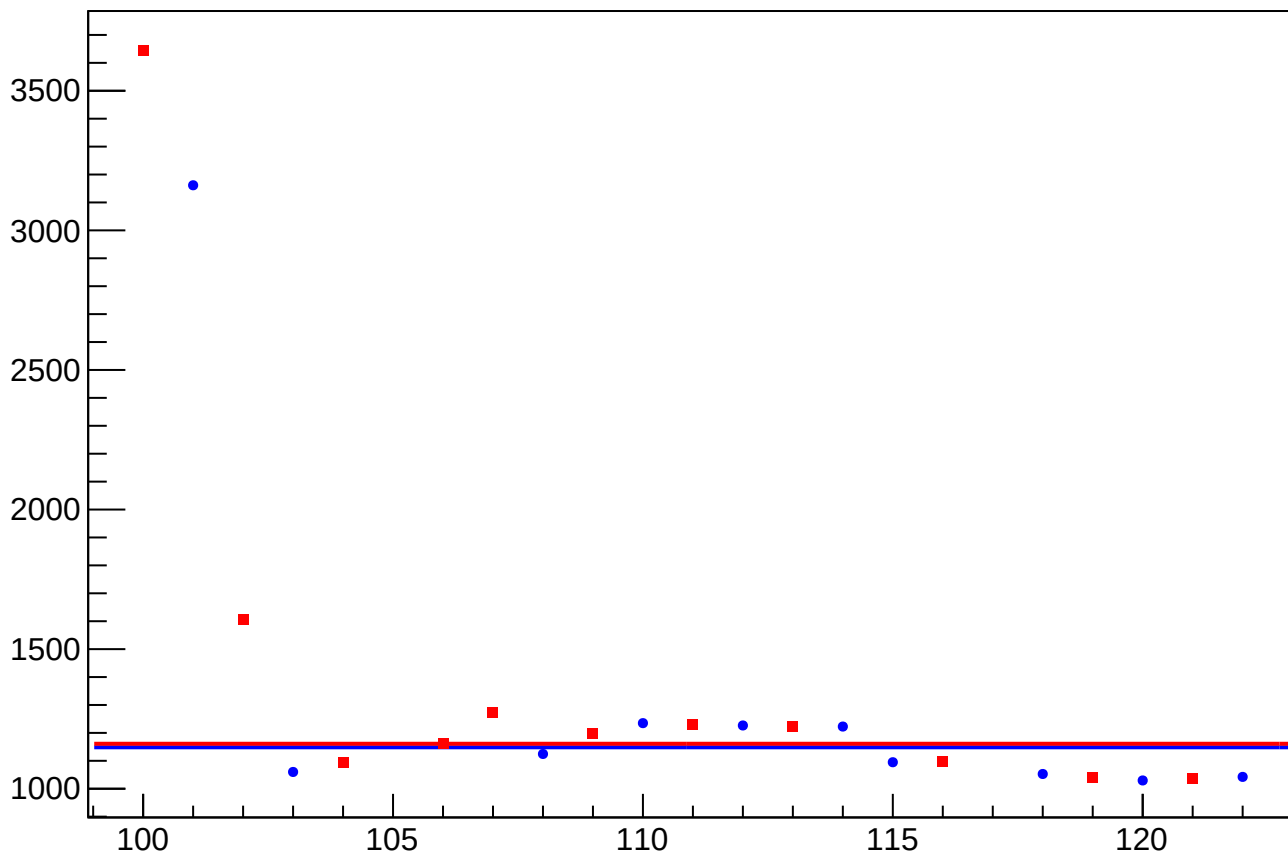
Right: 767.210+/-410.067 χ^2/NDF : 18.9/20

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

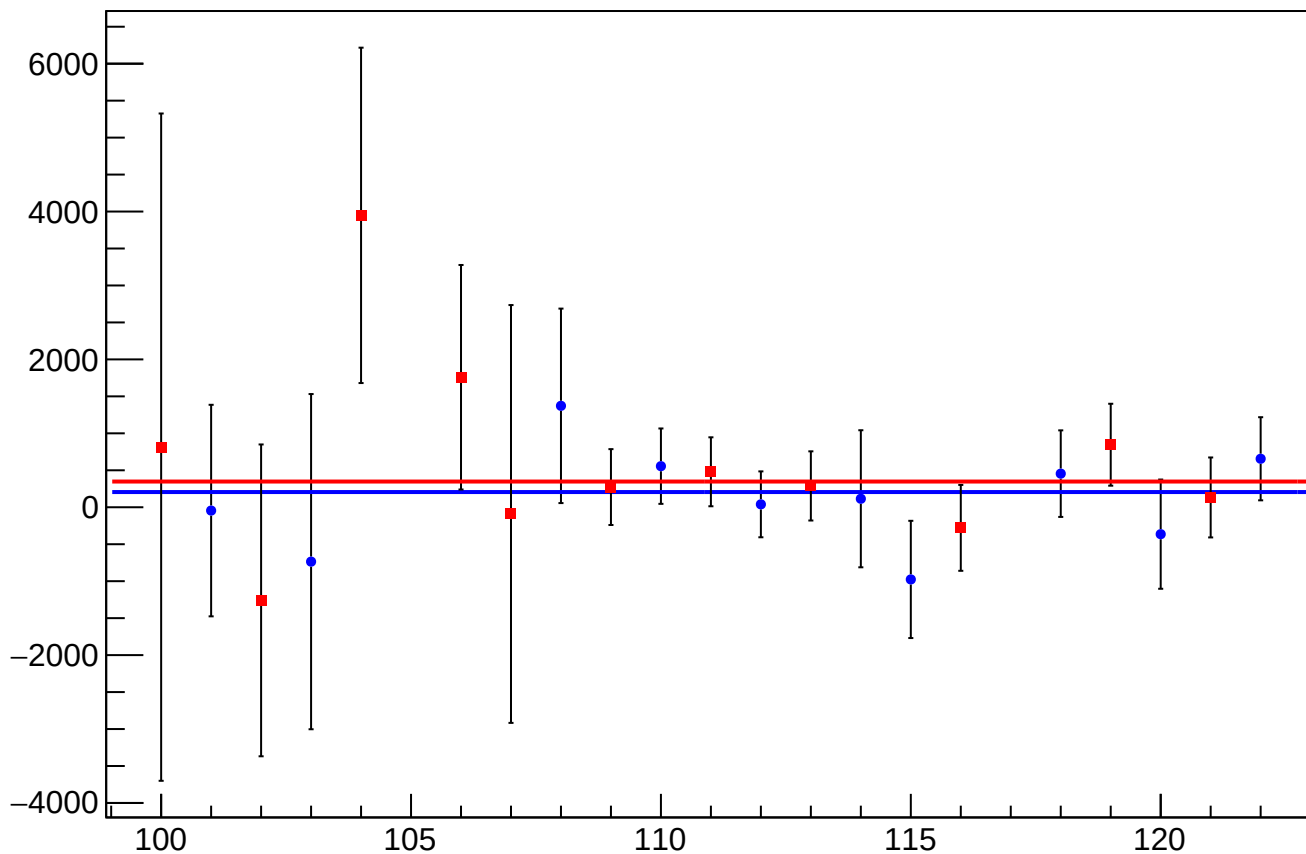
Right: 1154.968+/-0.290 χ^2/NDF : 754755.7/20

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

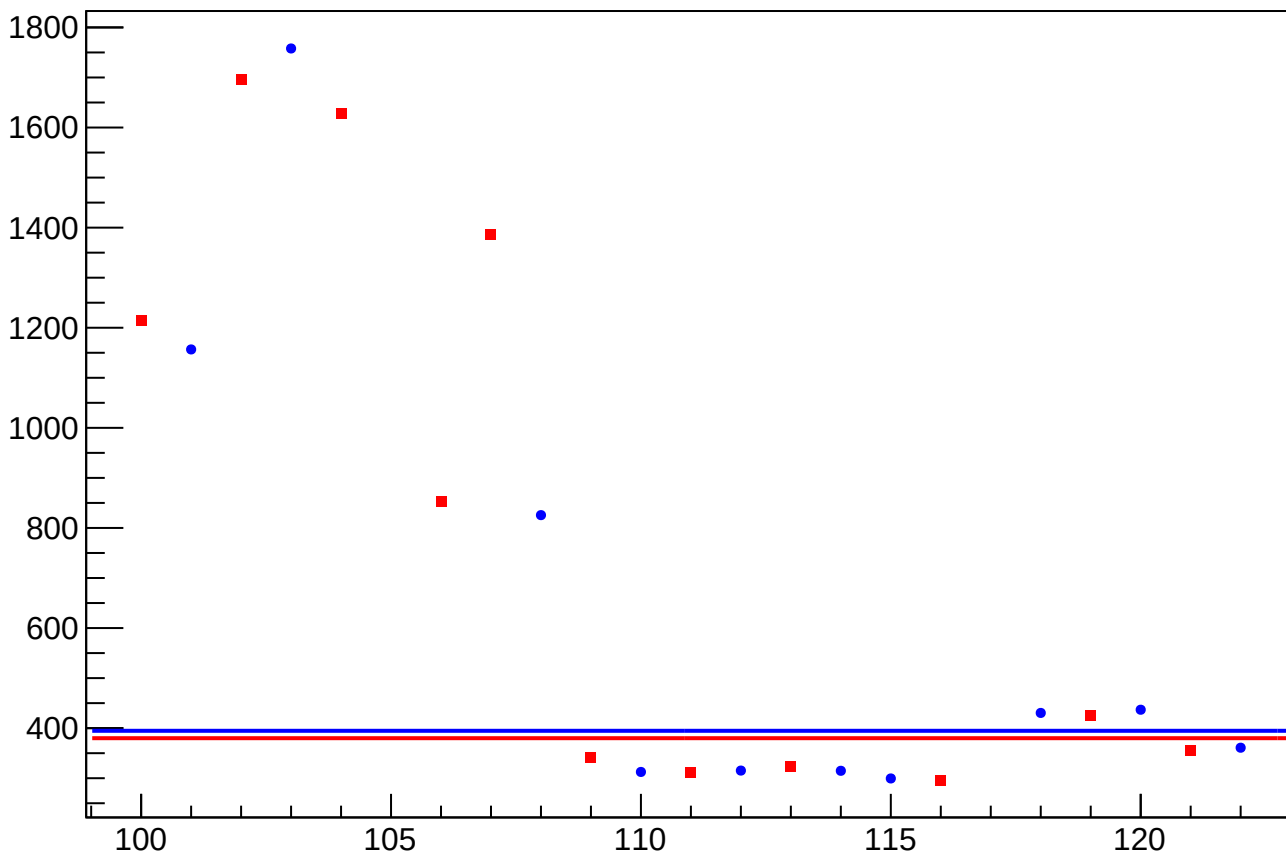
Right: 281.255+/-150.002 χ^2/NDF : 11.7/20

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

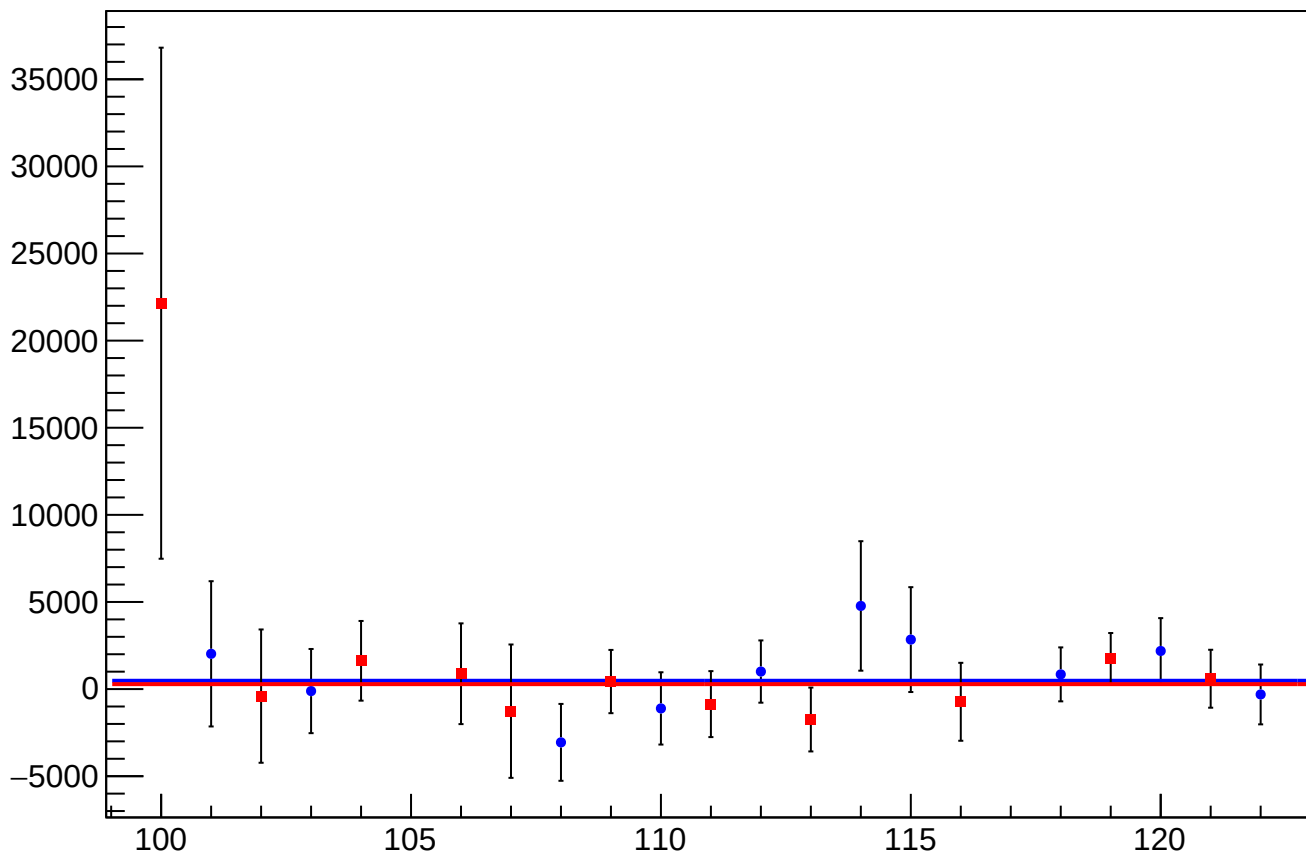
Right: 386.871+/-0.106 χ^2/NDF : 3733096.9/20

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

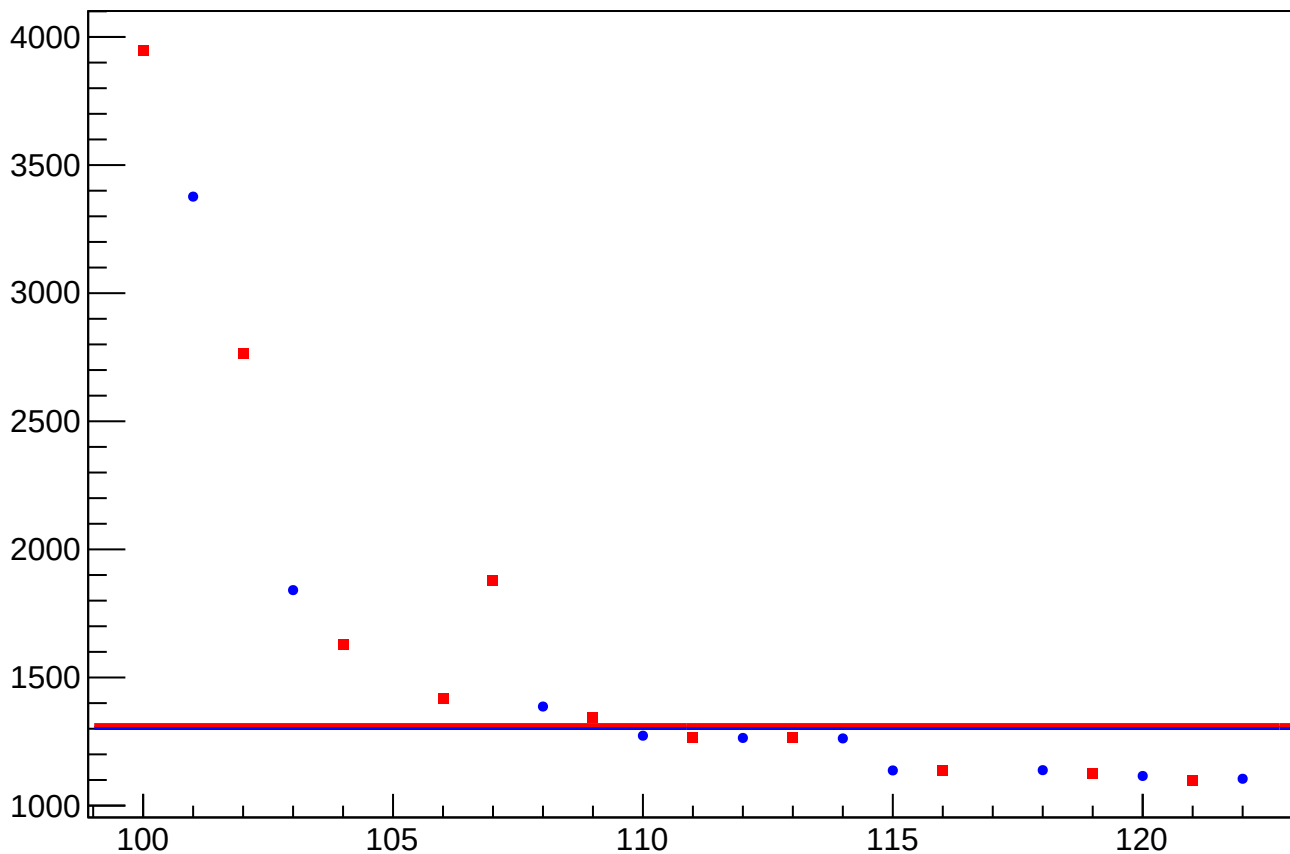
Right: 376.567+/-468.079 χ^2/NDF : 12.2/20

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

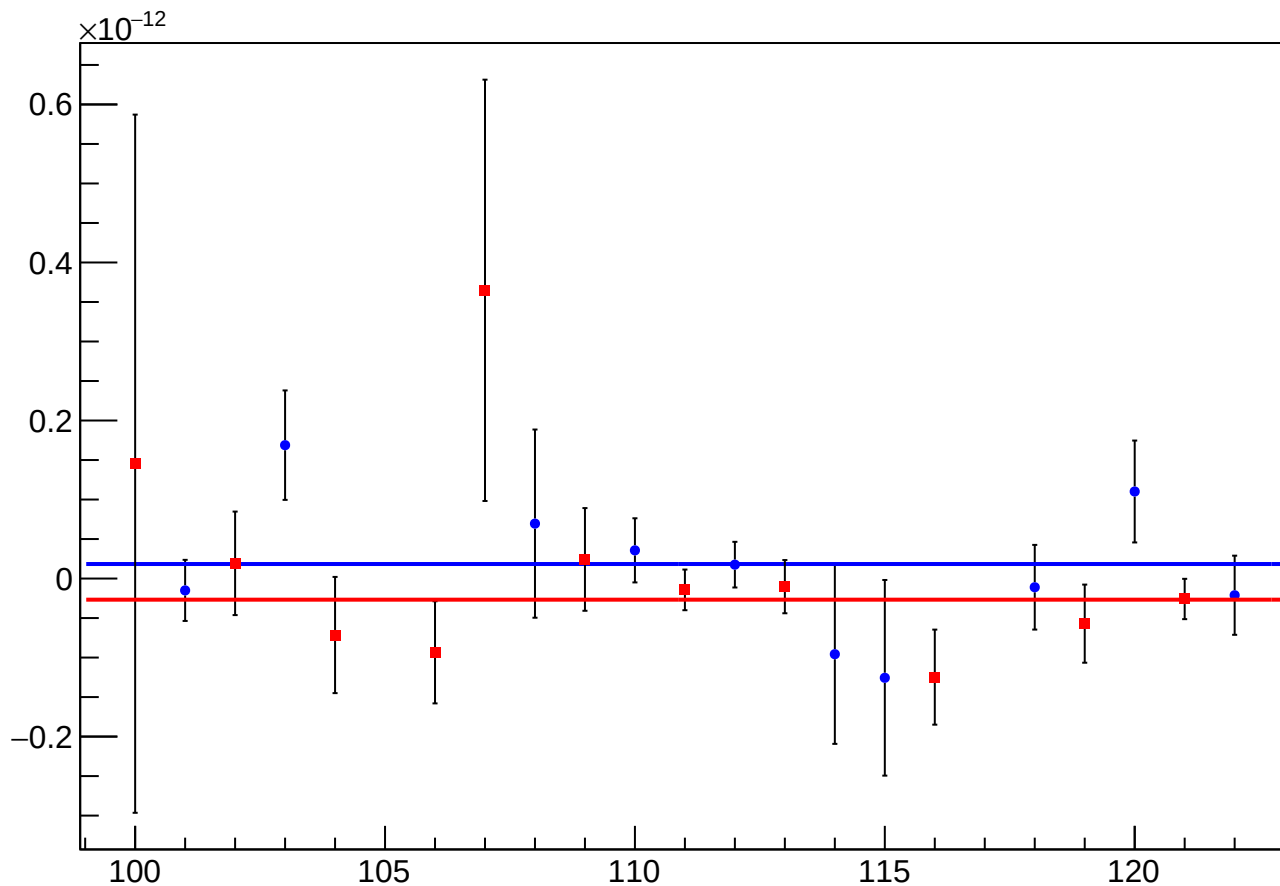
Right: 1308.794+/-0.331 χ^2/NDF : 1192219.6/20

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

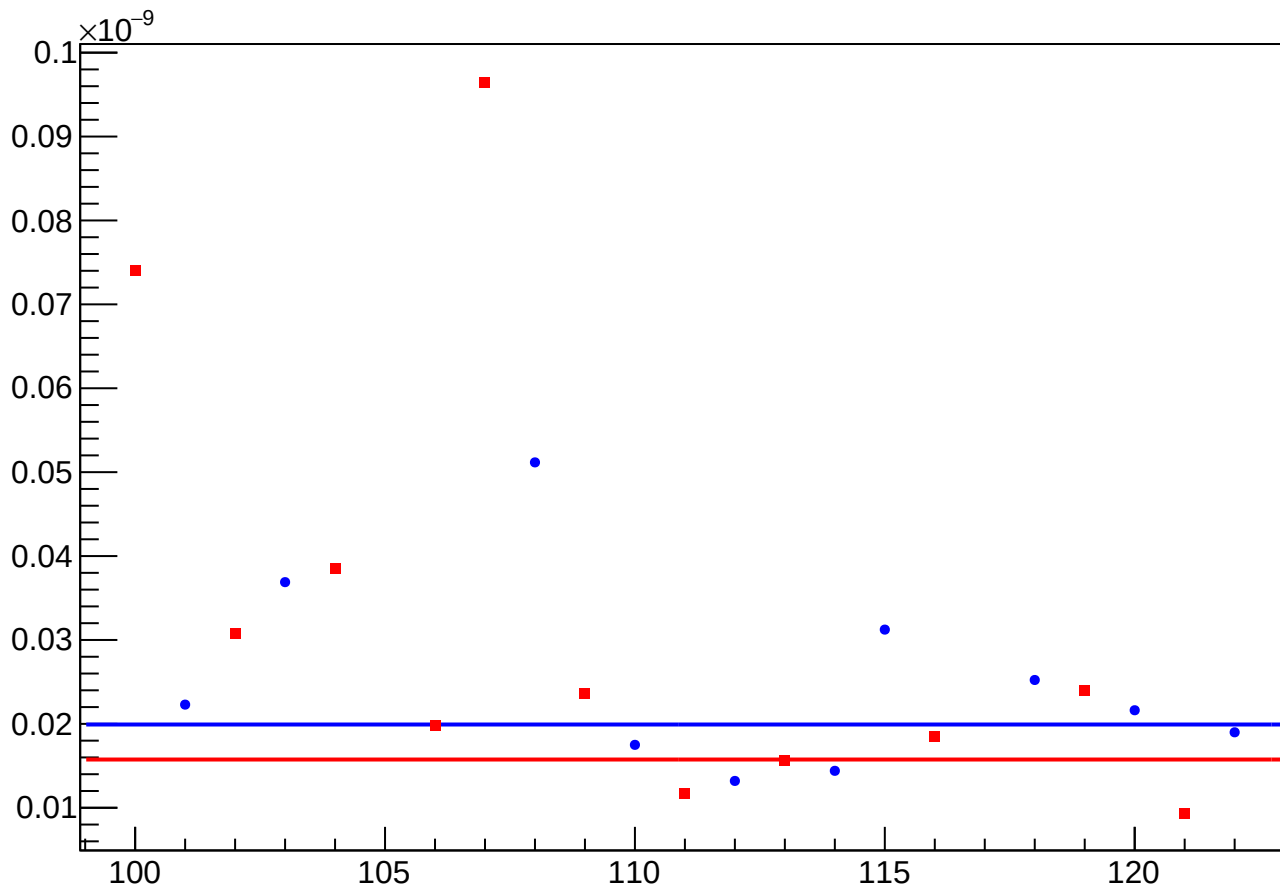
Right: -0.000+/-0.000 χ^2/NDF : 24.1/20

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

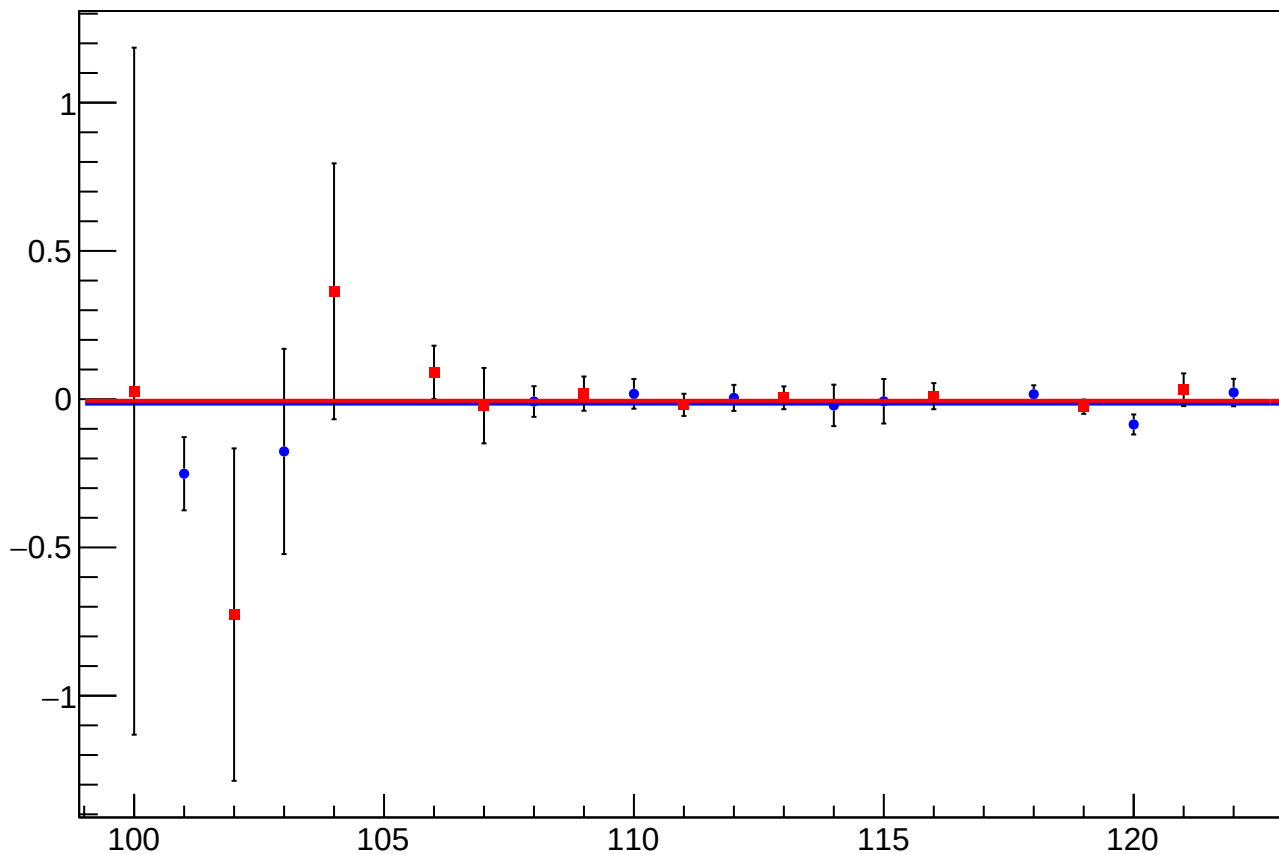
Right: 0.000+/-0.000 χ^2/NDF : 1293639.8/20

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+/-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

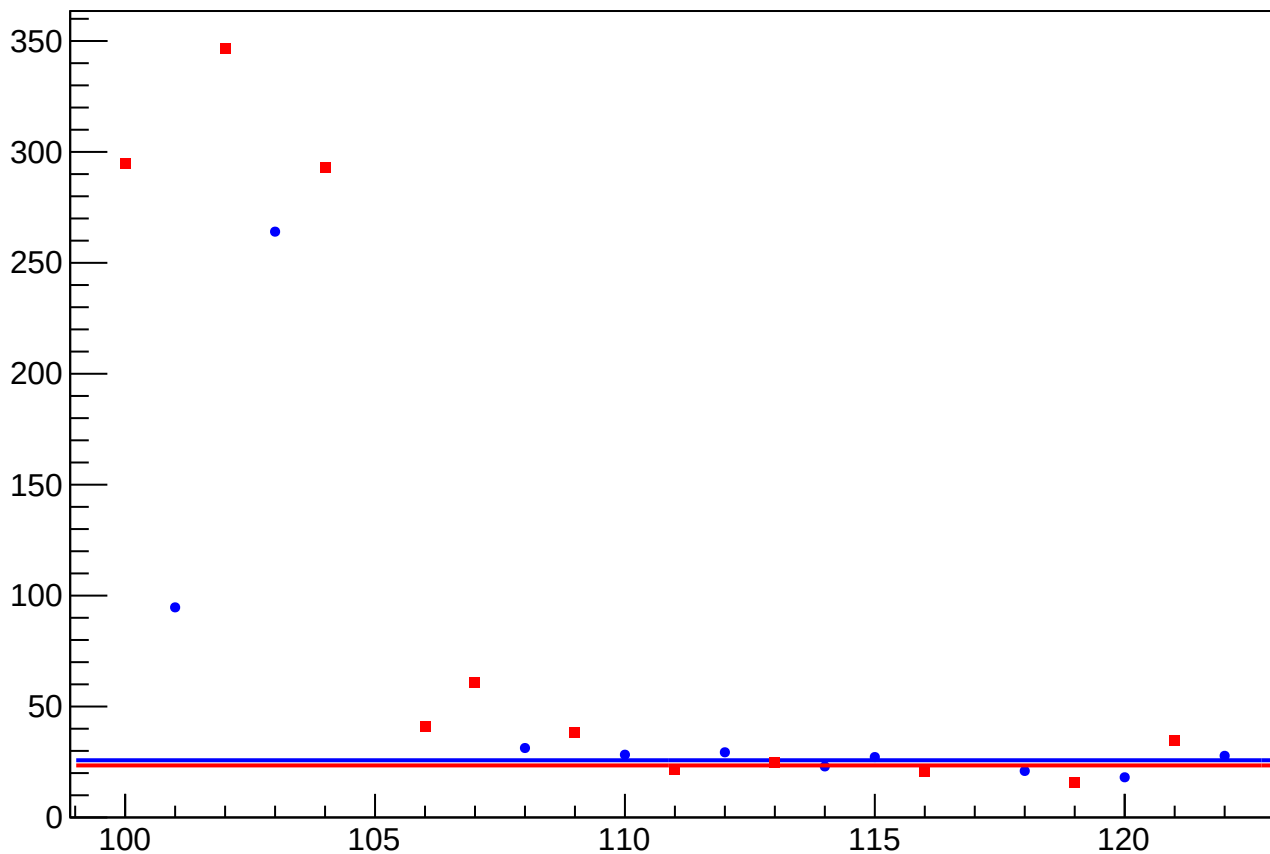
Right: -0.010+/-0.011 χ^2/NDF : 16.1/20

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_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

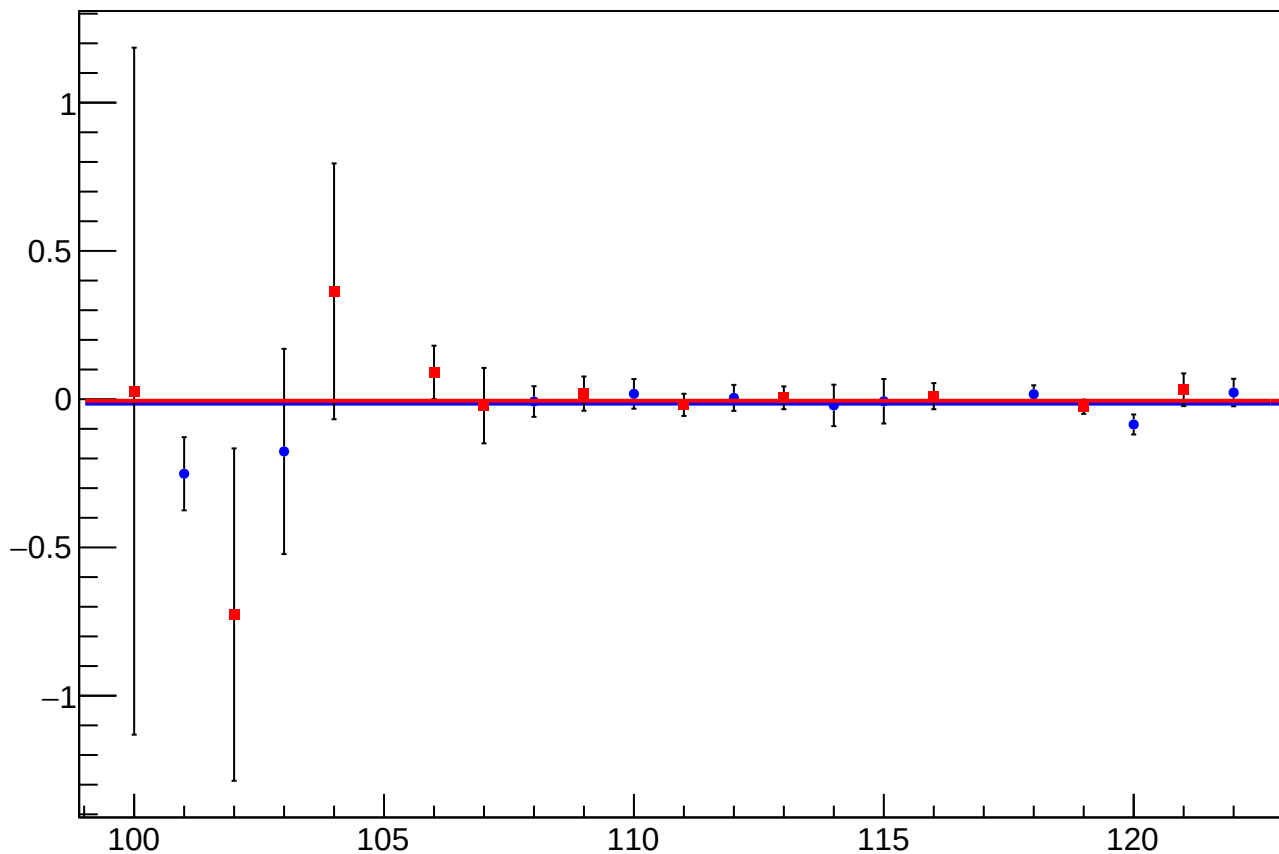
Right: 24.583+/-0.008 χ^2/NDF : 4055054.3/20

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

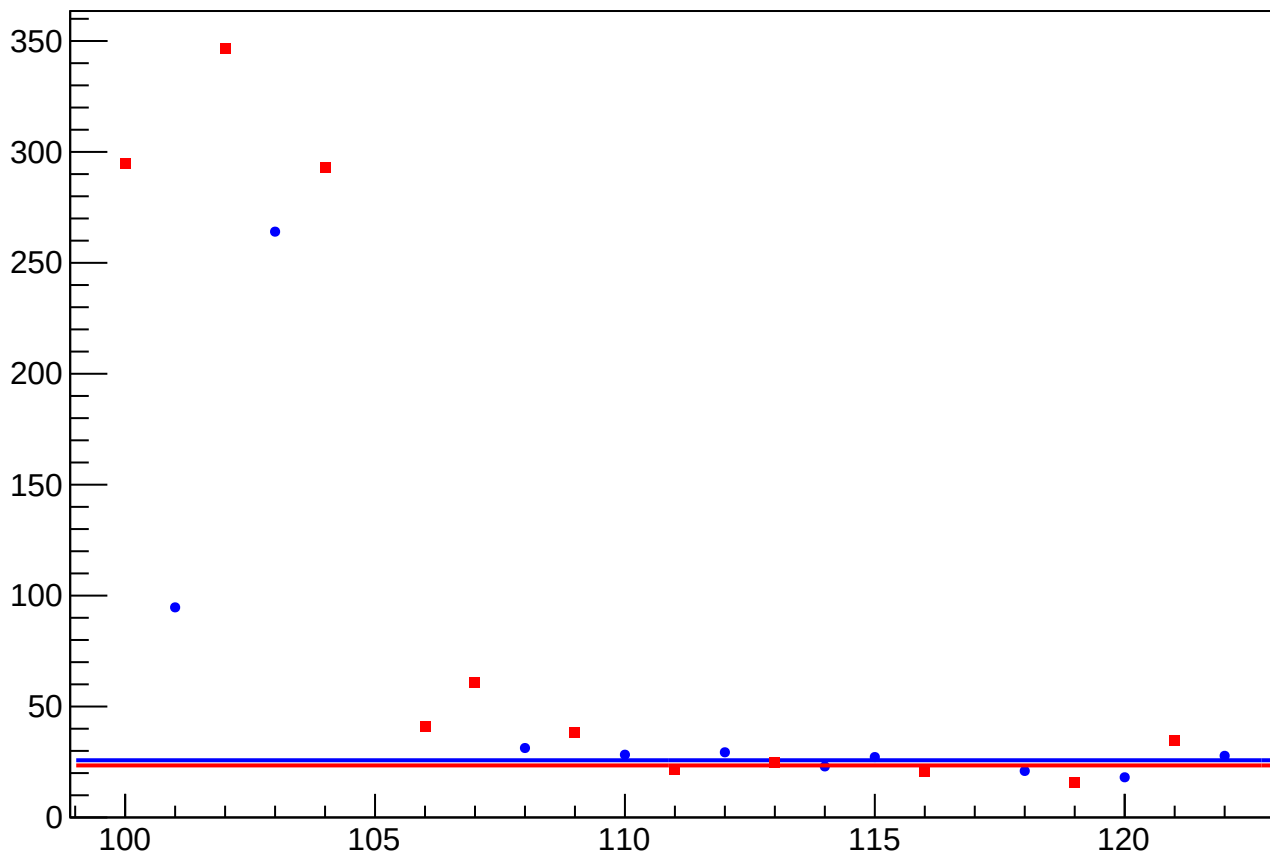
Right: -0.010 ± 0.011 χ^2/NDF : 16.1/20

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

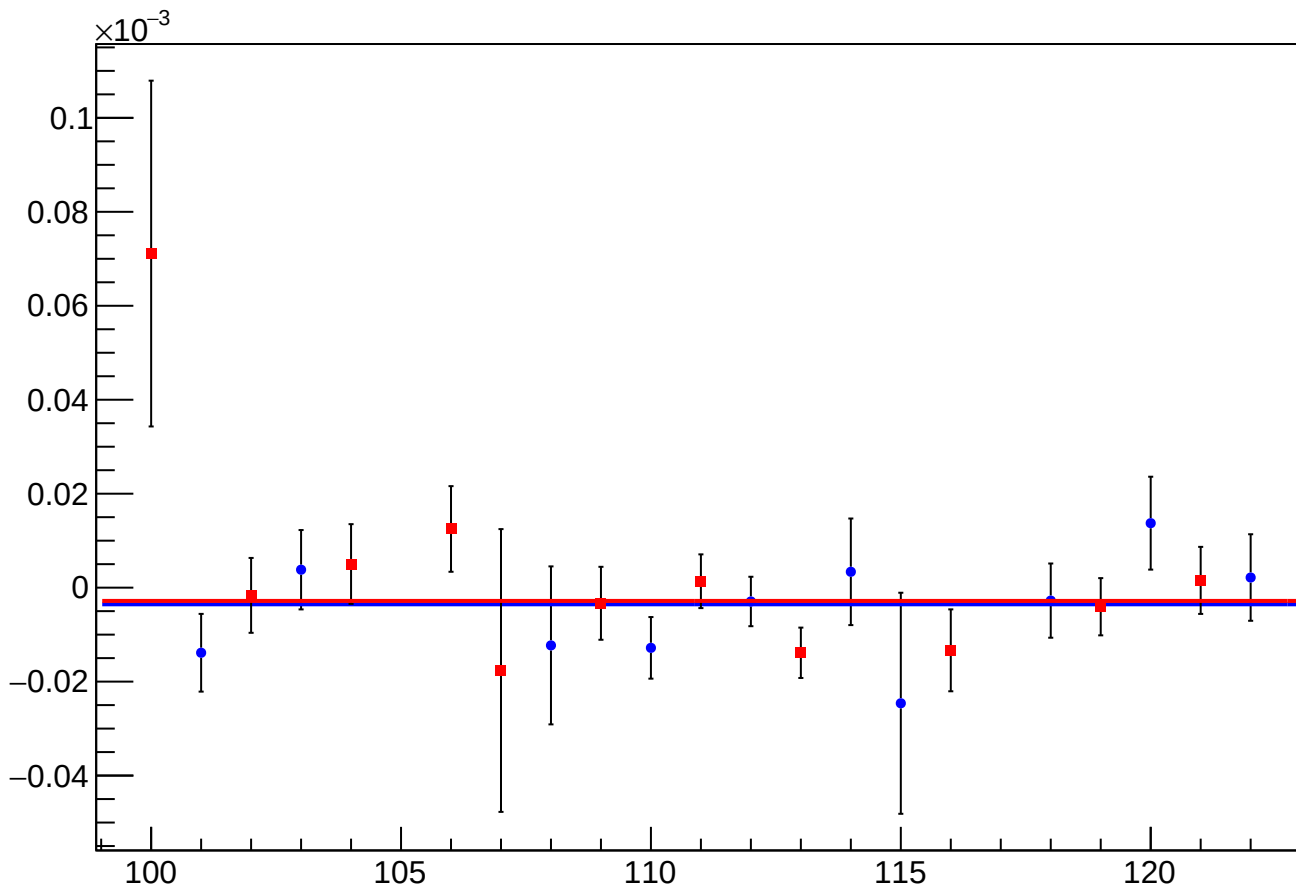
Right: 24.583+/-0.008 χ^2/NDF : 4055054.3/20

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

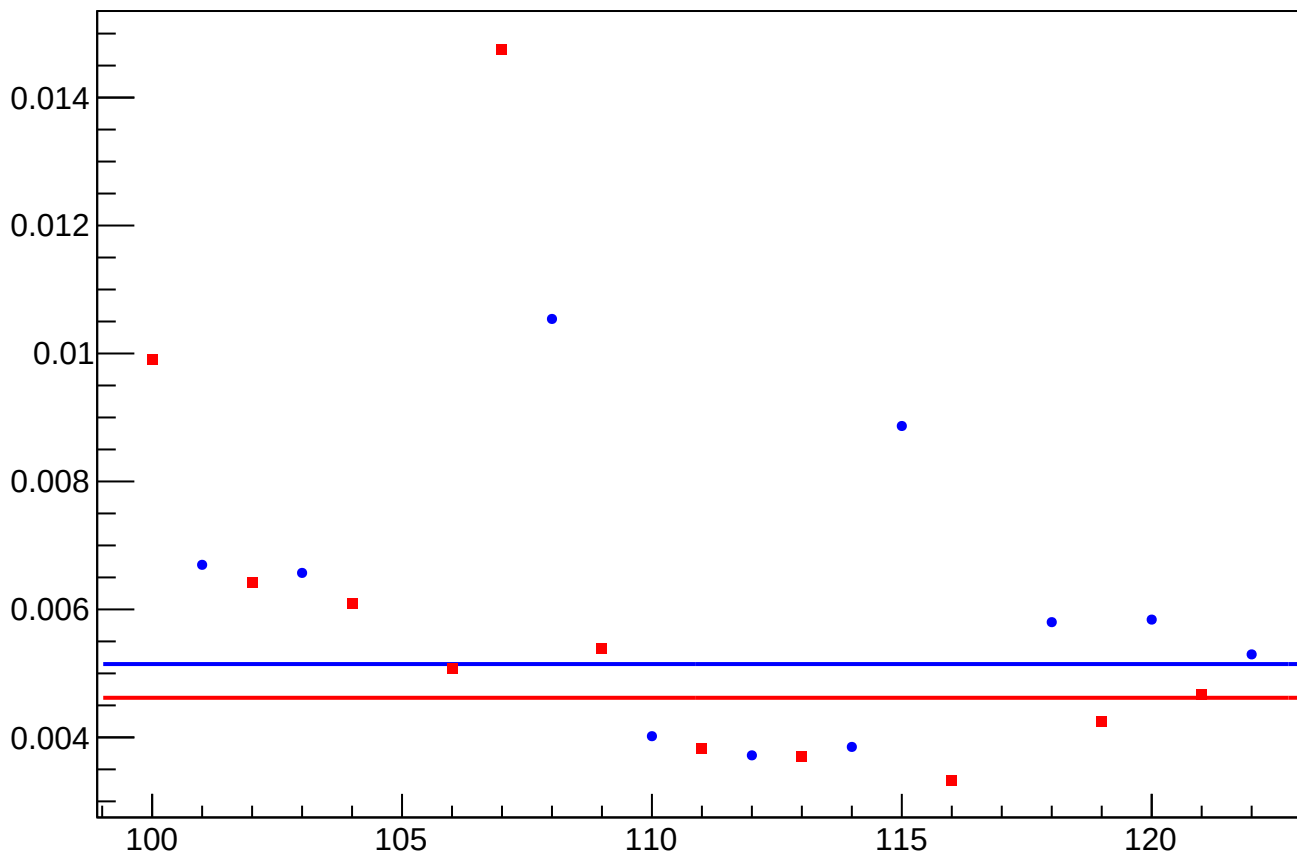
Right: -0.000+/-0.000 χ^2/NDF : 23.9/20

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

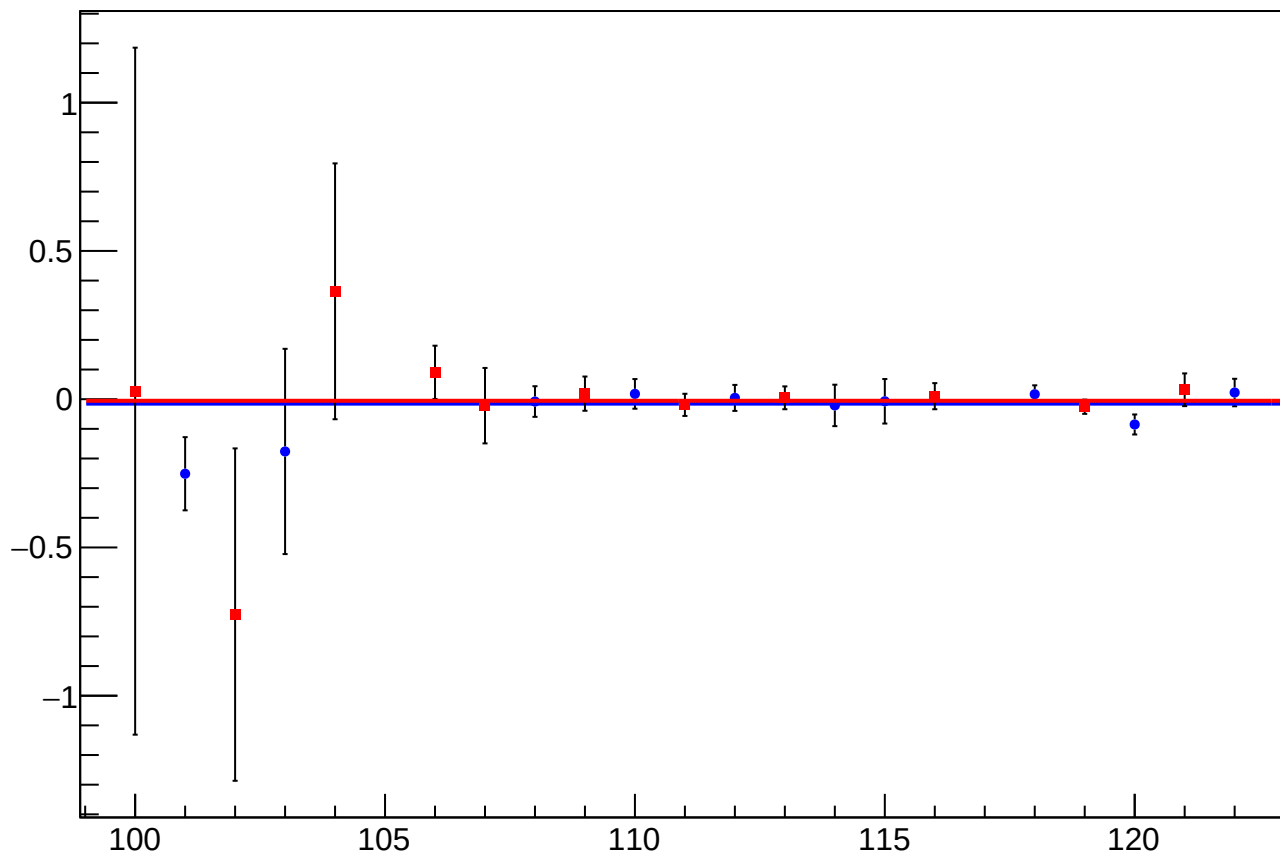
Right: 0.005+/-0.000 χ^2/NDF : 1288849.1/20

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

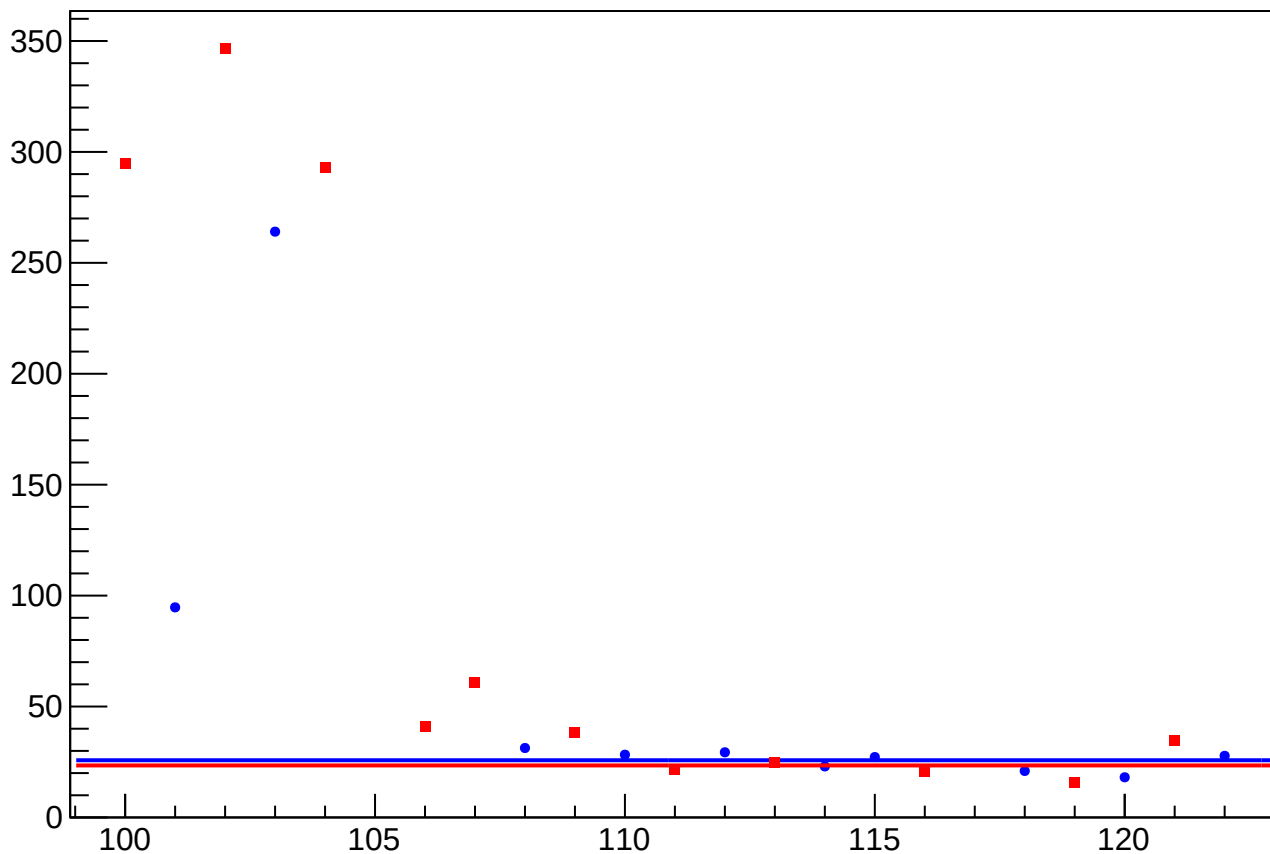
Right: -0.010 ± 0.011 χ^2/NDF : 16.1/20

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

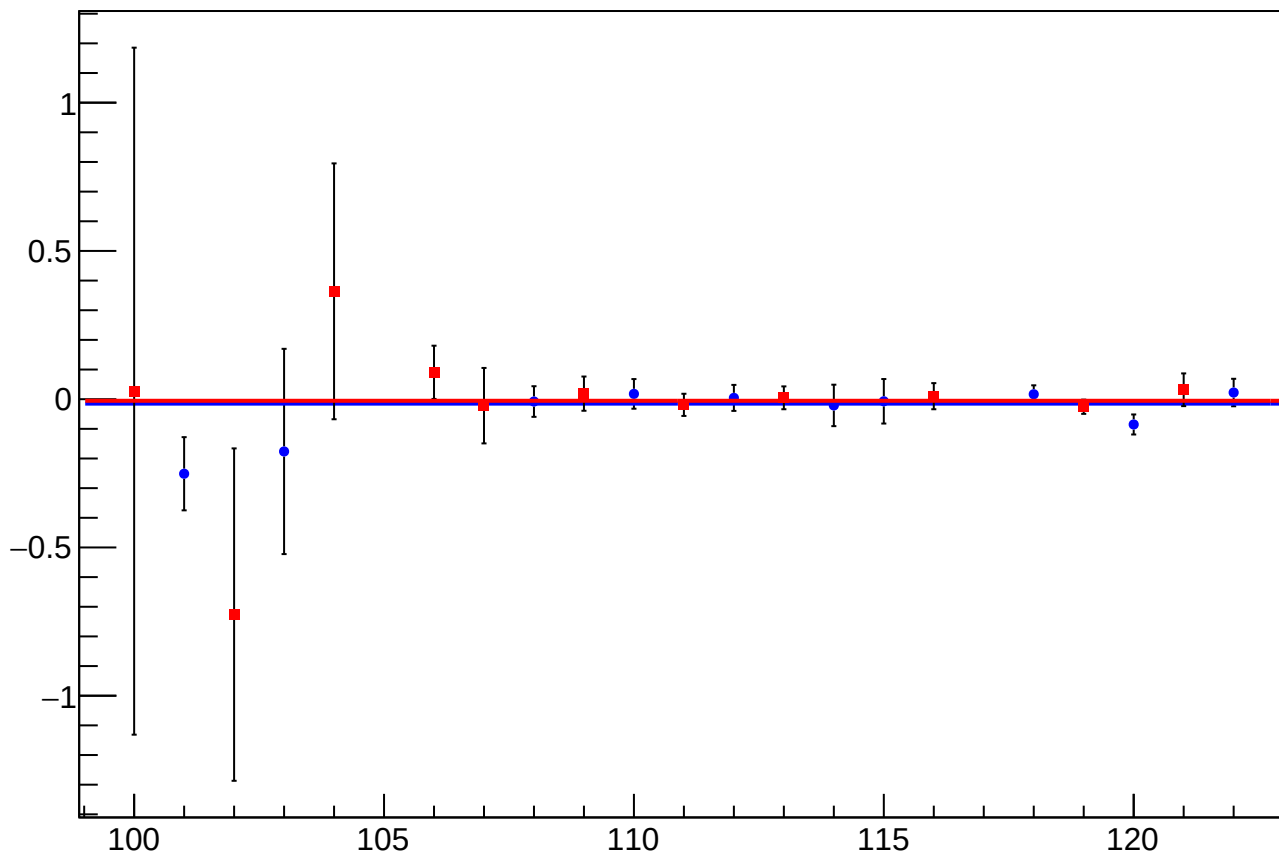
Right: 24.581+/-0.008 χ^2/NDF : 4055355.6/20

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 ± 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

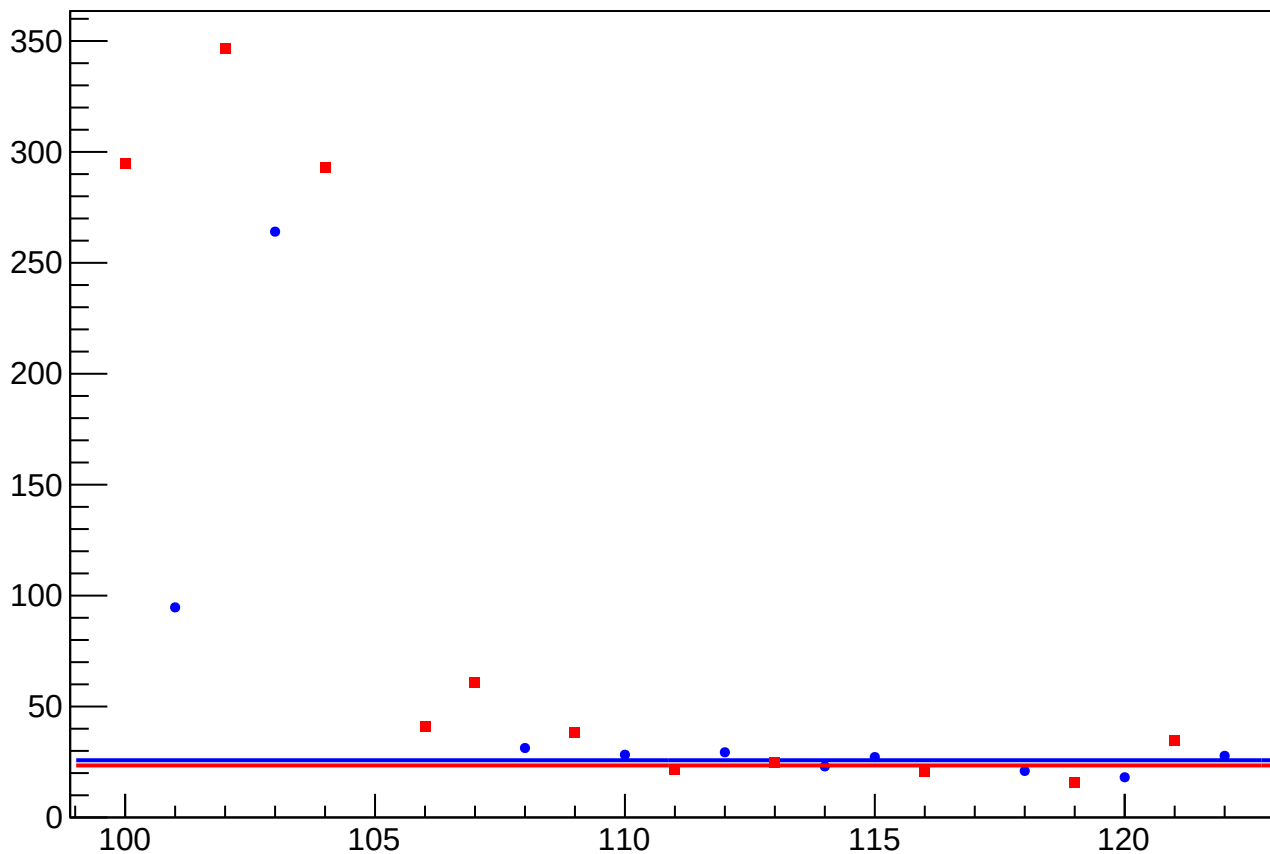
Right: -0.010 ± 0.011 χ^2/NDF : 16.1/20

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_eigen_cor_diff_rms 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

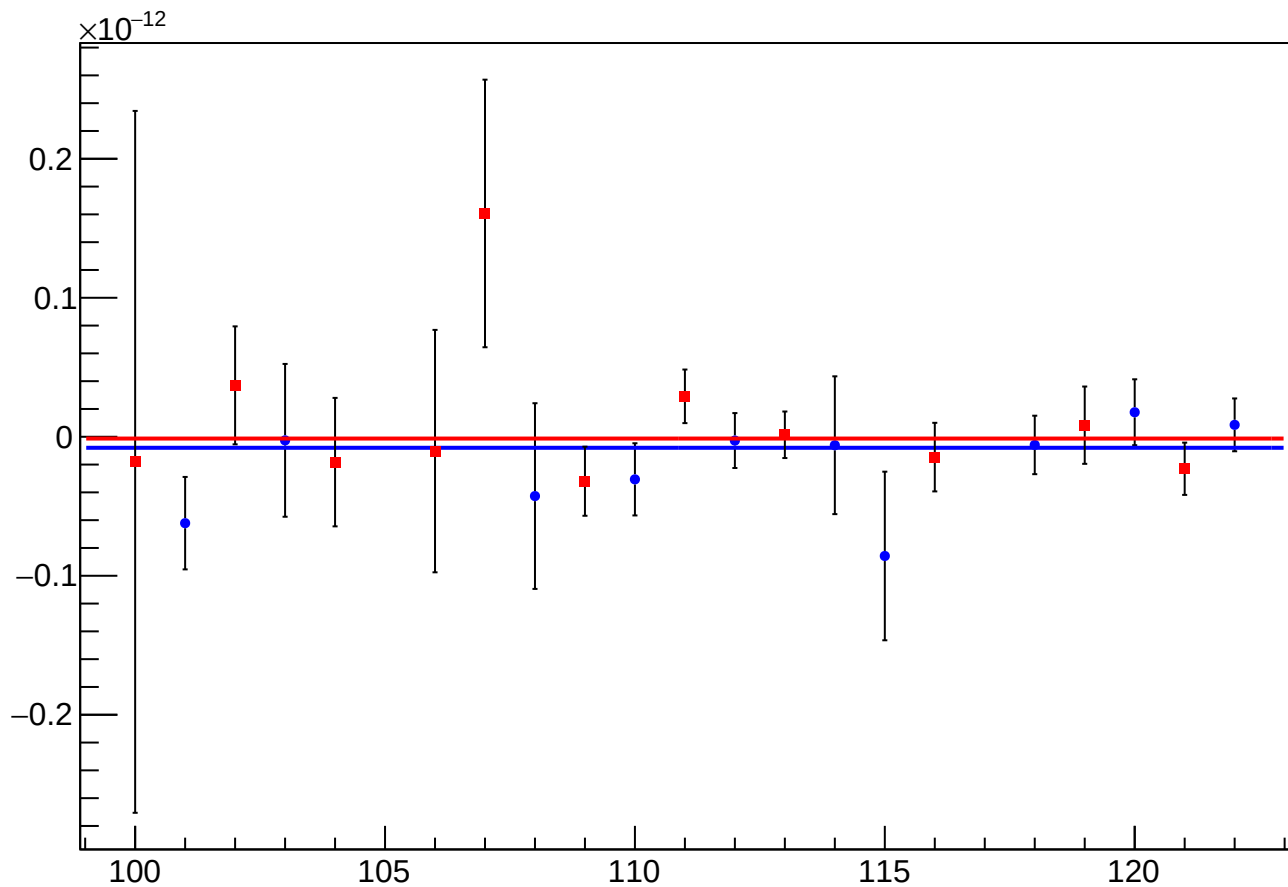
Right: 24.581+/-0.008 χ^2/NDF : 4055355.6/20

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_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

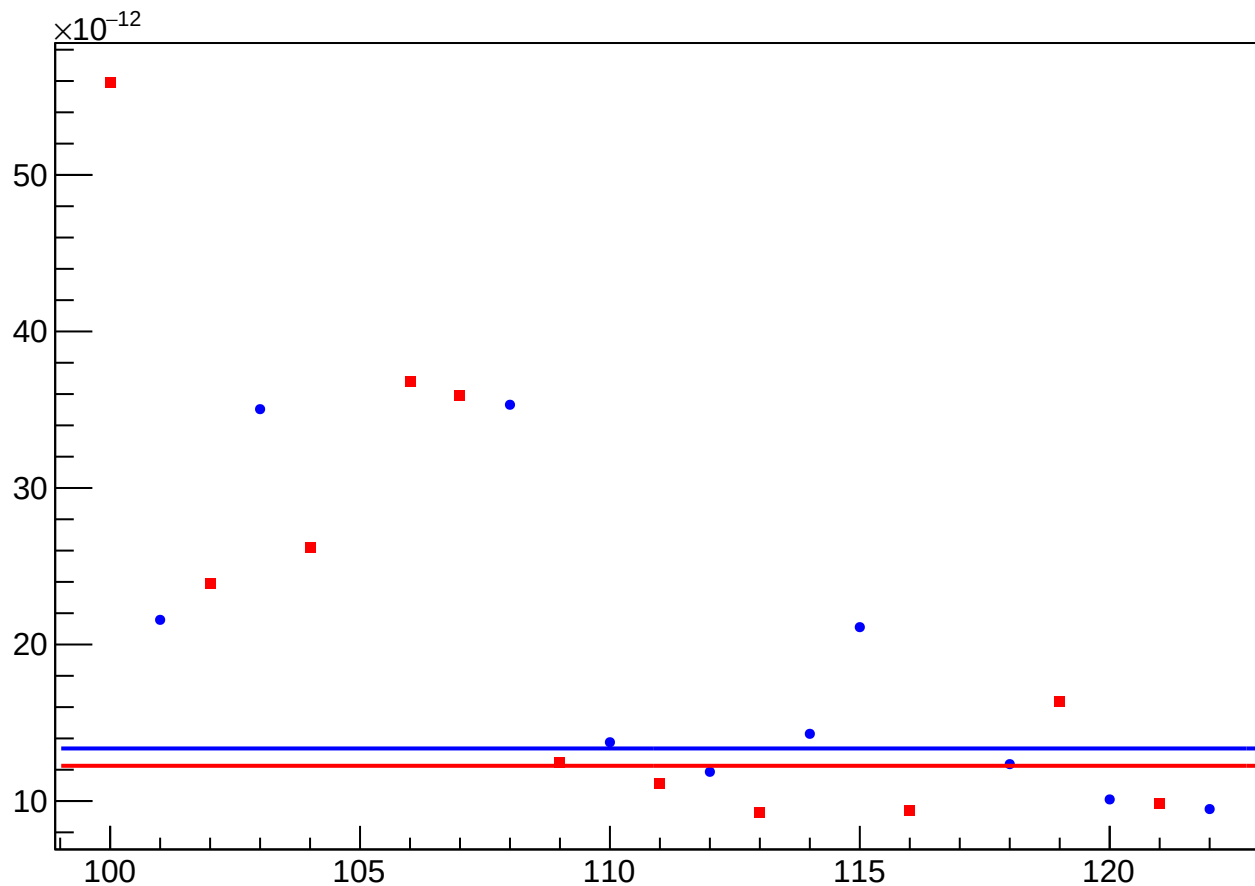
Right: -0.000+/-0.000 χ^2 /NDF: 17.2/20

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

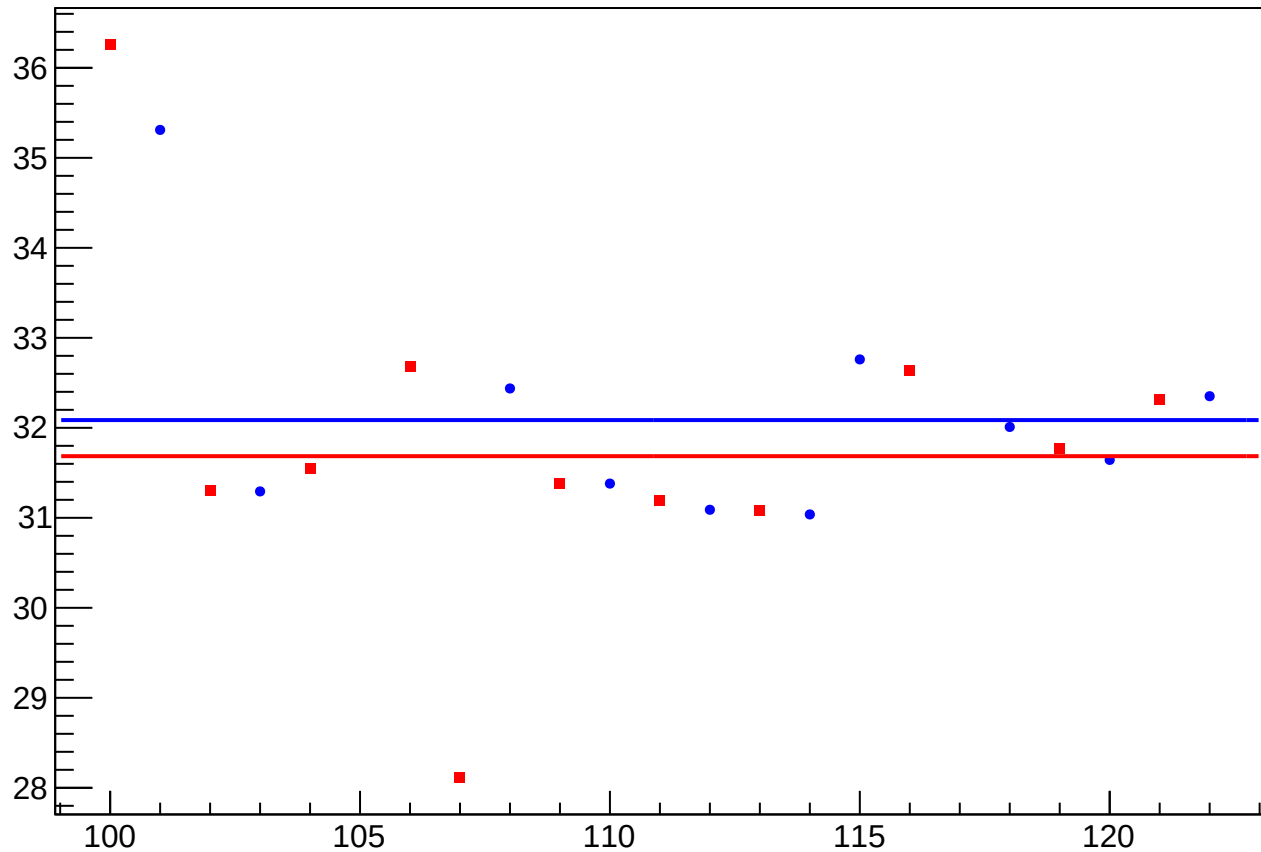
asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 819738.5/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 845767.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1682562.1/20
 In: 0.000+/-0.000 χ^2/NDF : 819738.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1682562.1/20

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

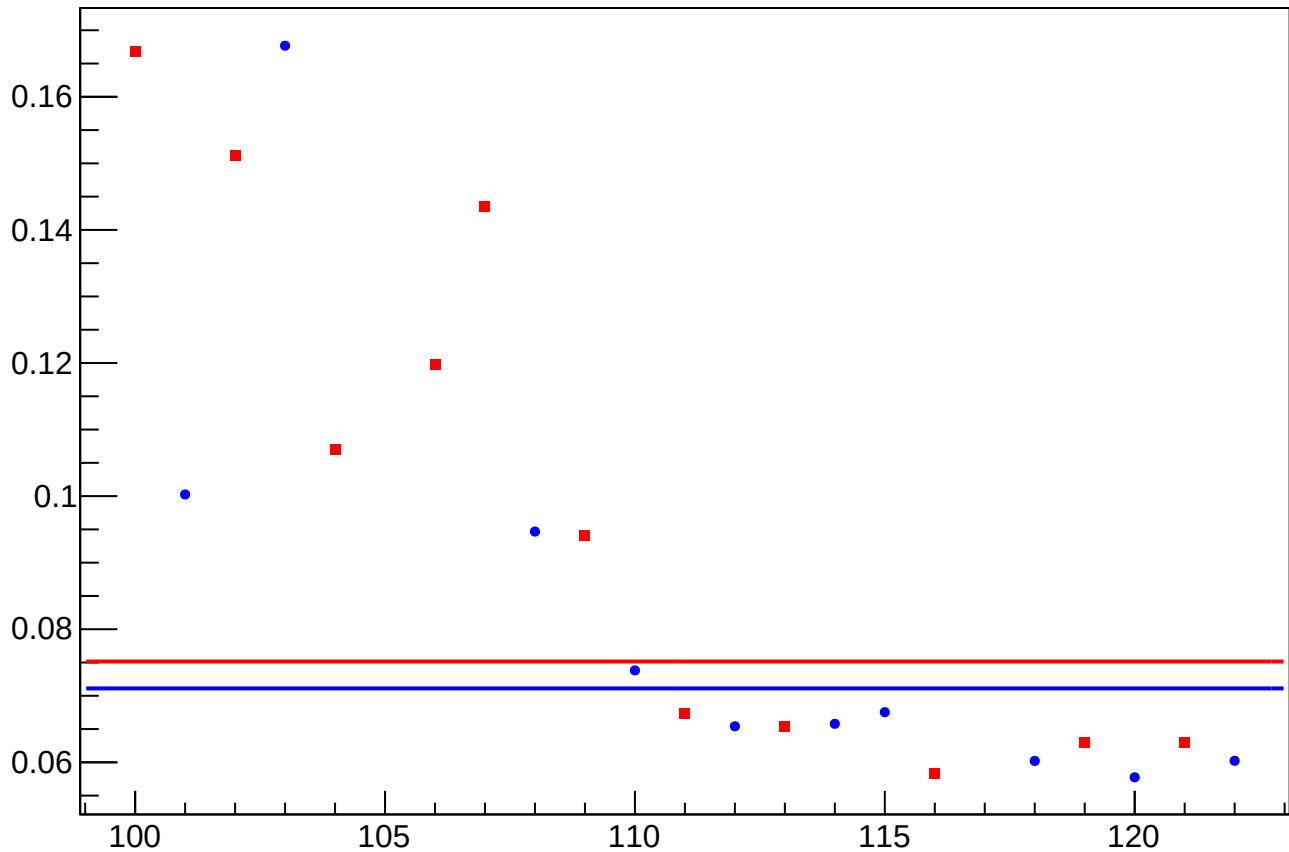
Right: 31.888+/-0.000 χ^2/NDF : 1261849065.7/20

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

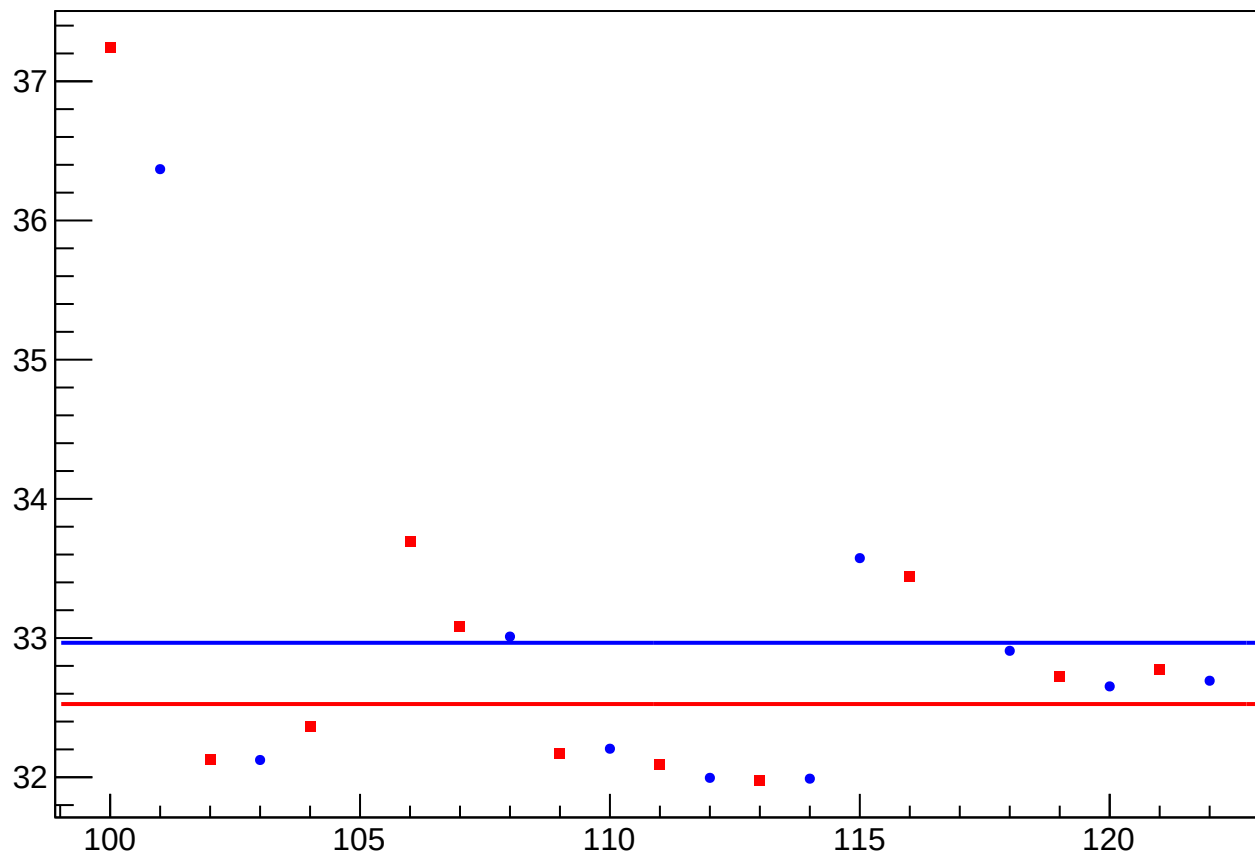
Right: 0.073+/-0.000 χ^2/NDF : 1408224.7/20

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: 32.526+/-0.000 χ^2/NDF : 138611733.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

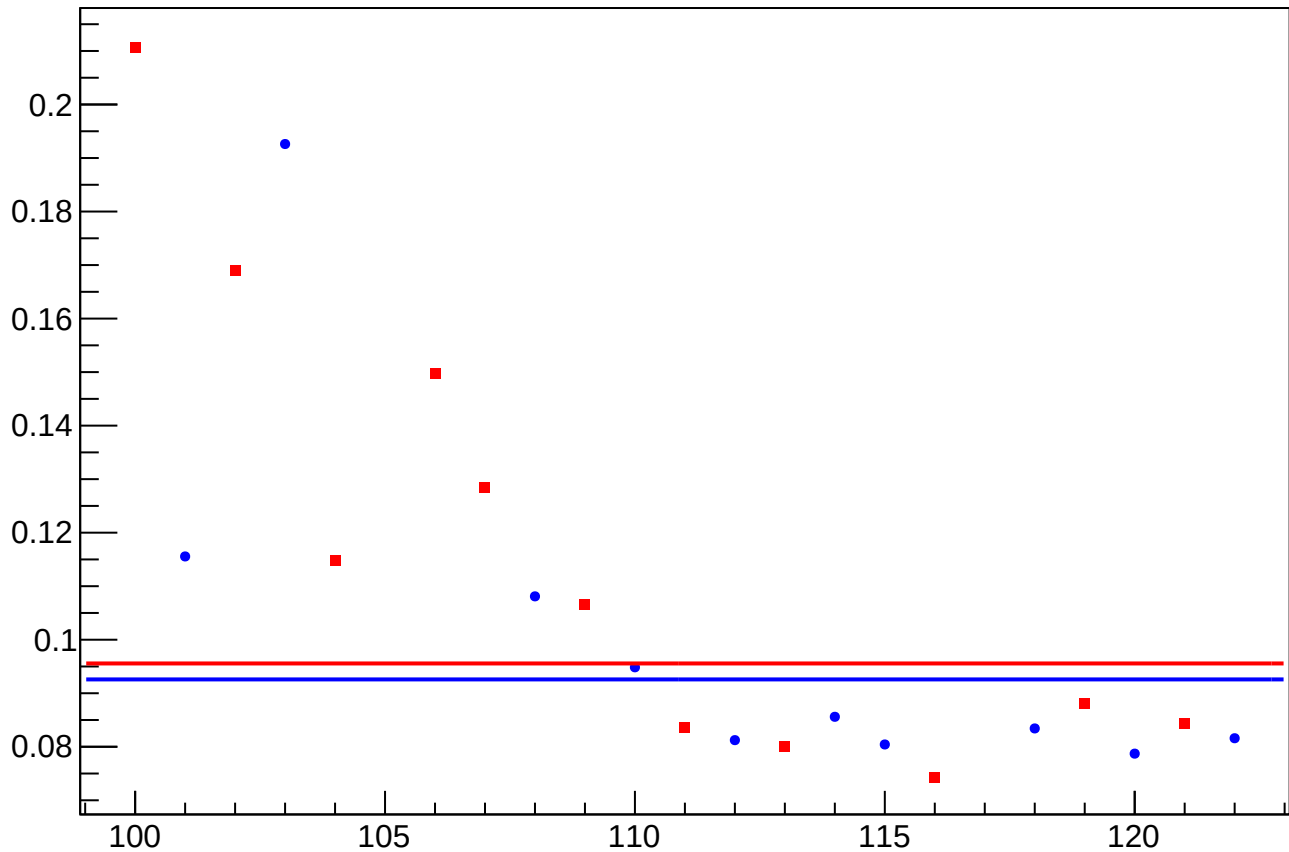
Right: 32.743+/-0.000 χ^2/NDF : 811036264.6/20

In: 32.966+/-0.000 χ^2/NDF :632545275.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.743+/-0.000 χ^2/NDF : 811036264.6/20

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: 0.096+/-0.000 χ^2/NDF : 502604.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

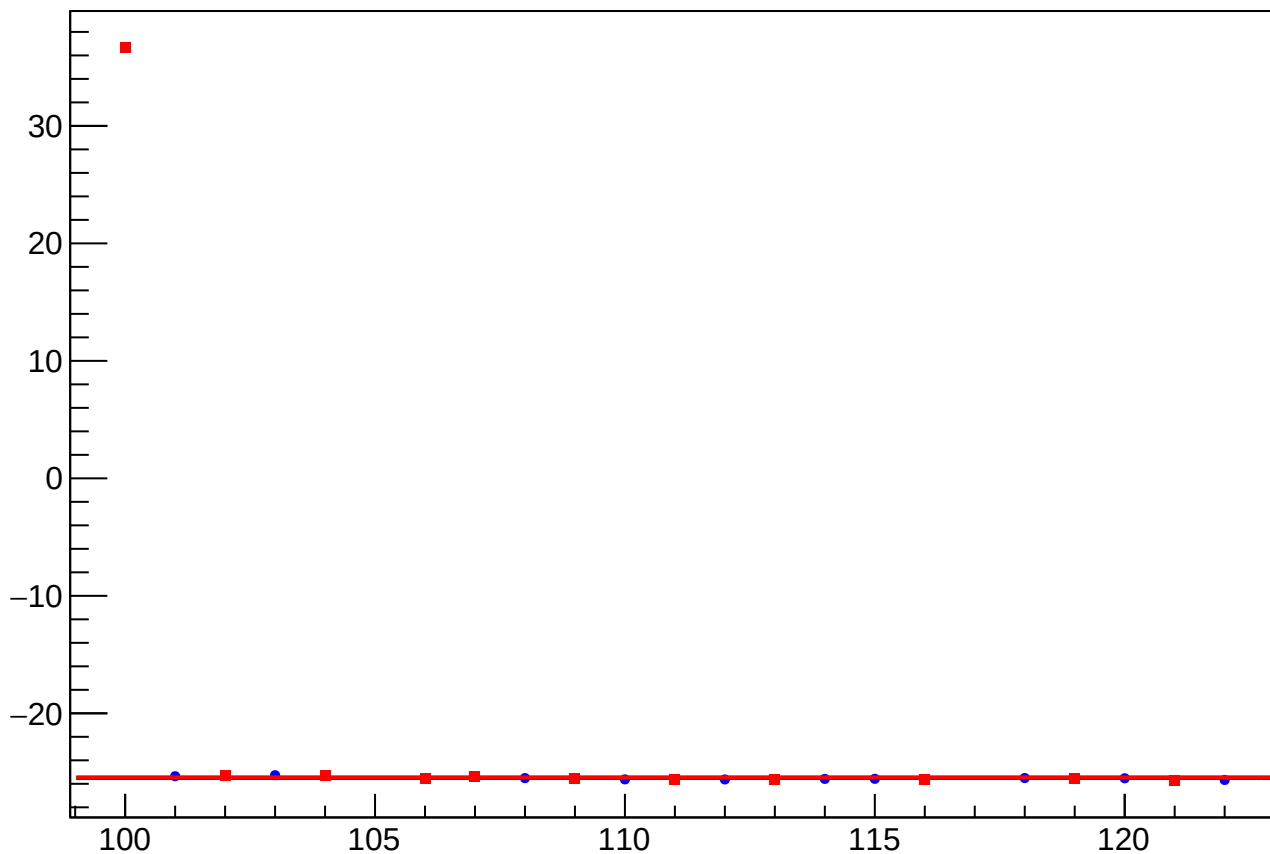
Right: 0.094+/-0.000 χ^2/NDF : 952799.5/20

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 : 952799.5/20

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

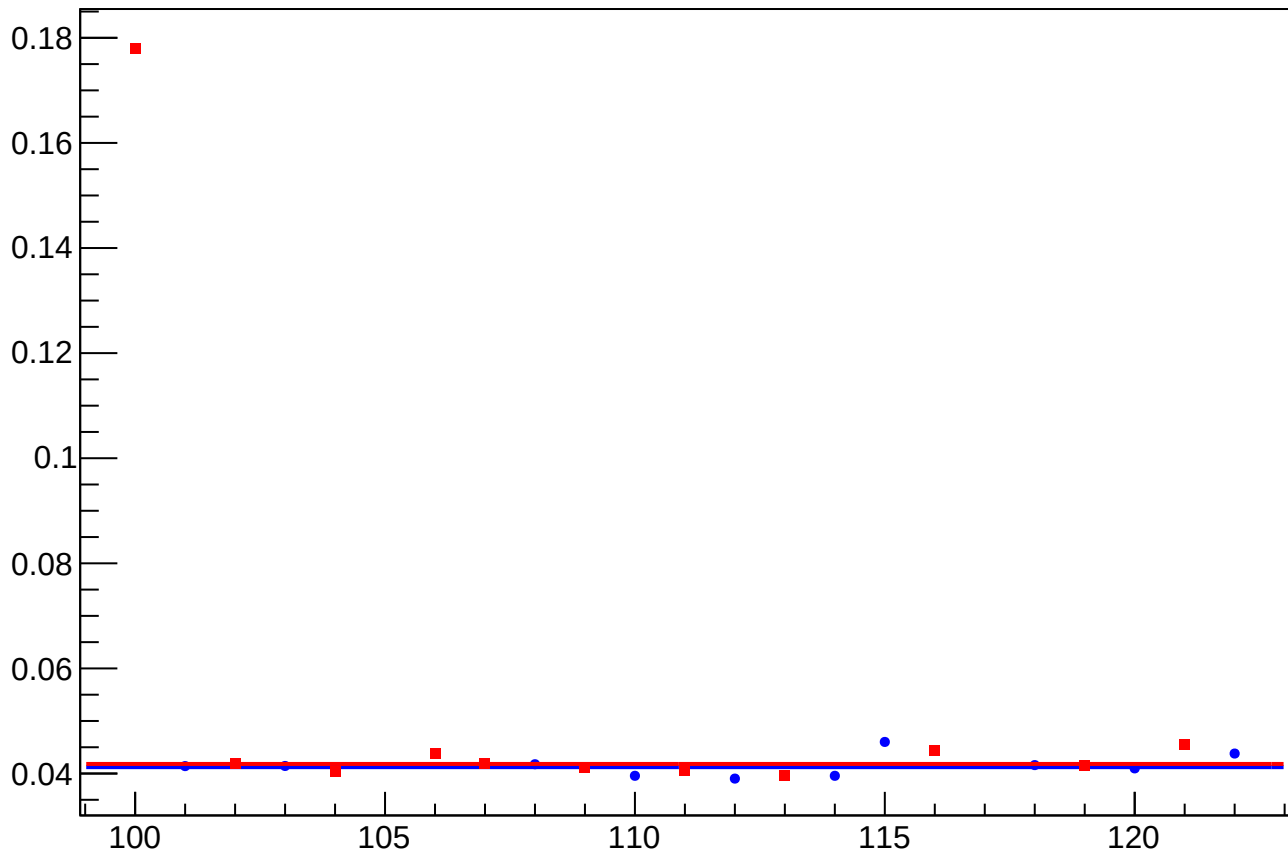
Right: -25.474+/-0.000 χ^2/NDF : 8882591741.1/20

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

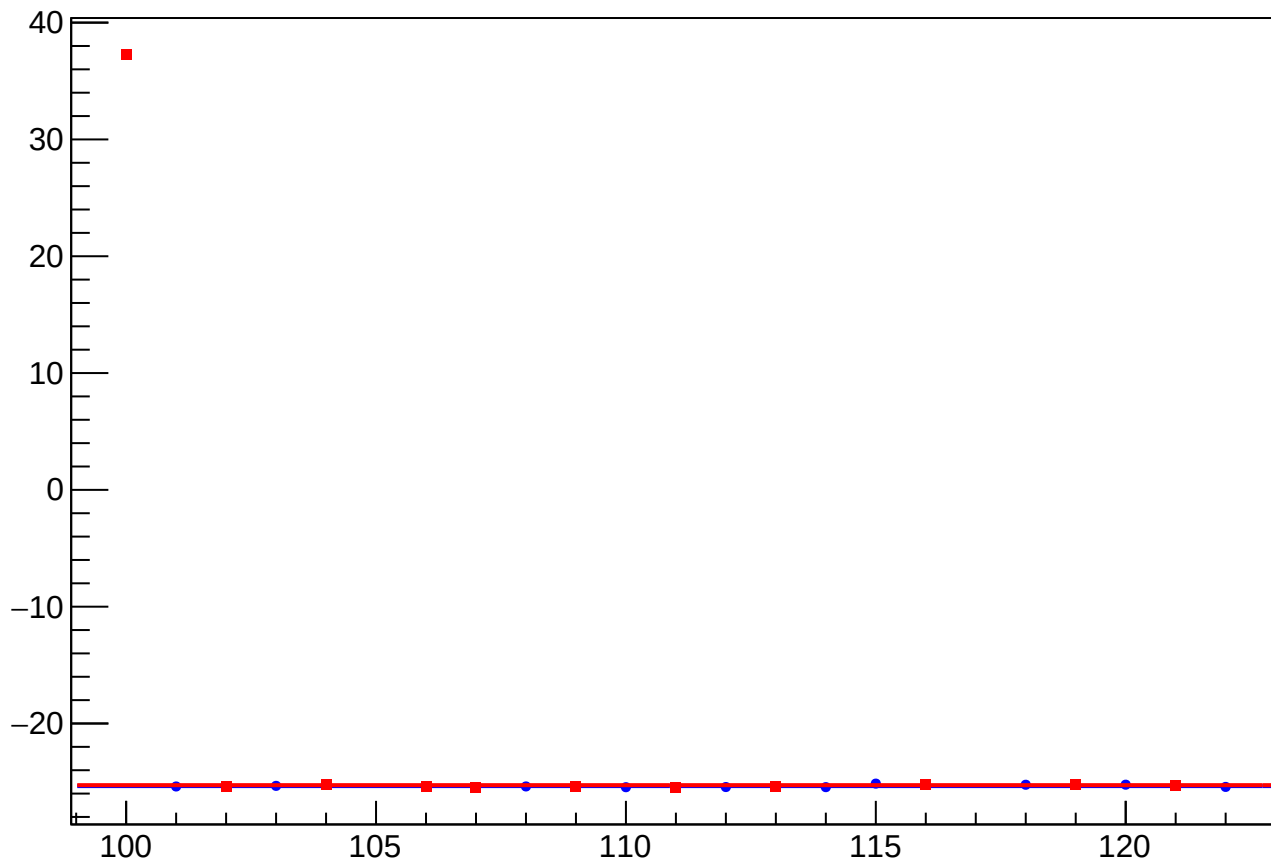
Right: 0.042+/-0.000 χ^2/NDF : 109987.4/20

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: -25.278+/-0.000 χ^2/NDF : 6303250213.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

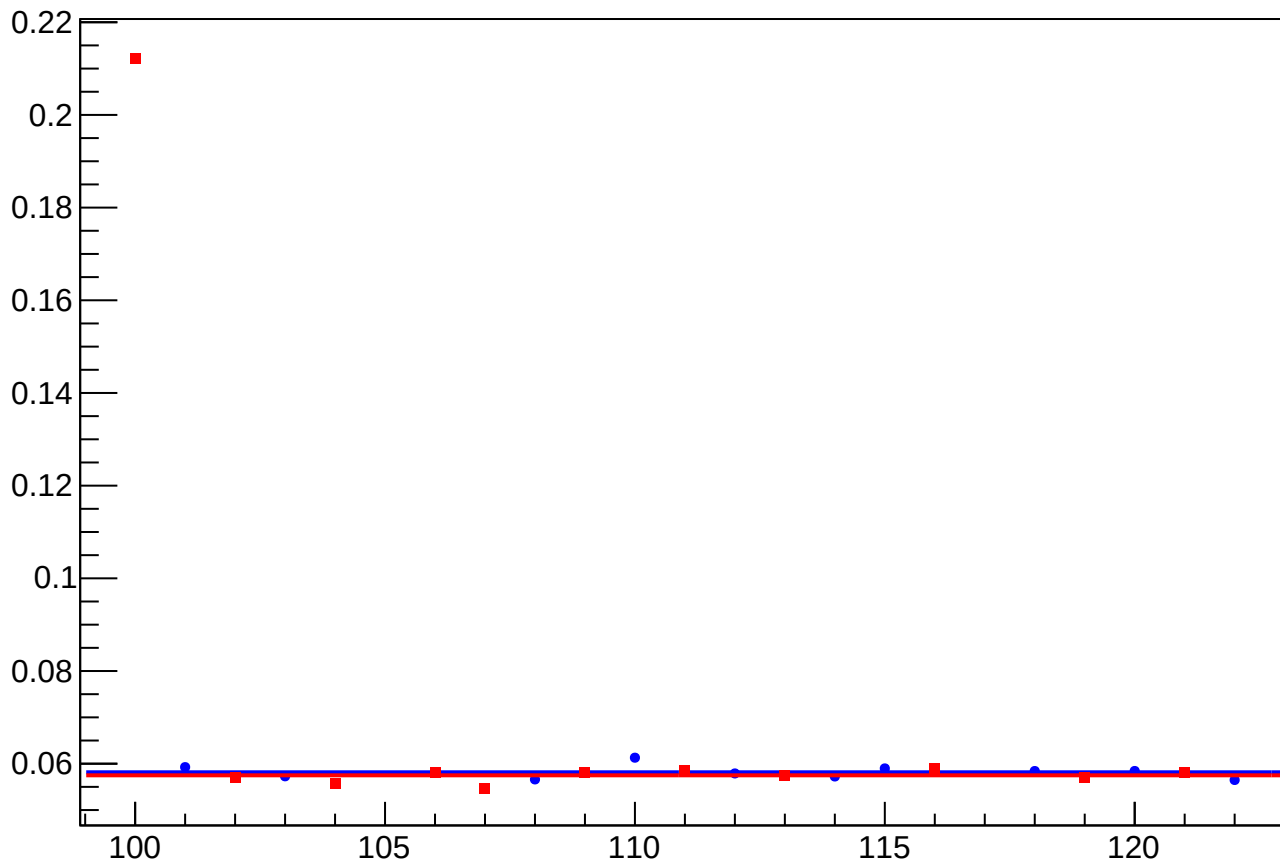
Right: -25.316+/-0.000 χ^2/NDF : 6315703155.7/20

In: -25.360+/-0.000 χ^2/NDF : 8337593.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.316+/-0.000 χ^2/NDF : 6315703155.7/20

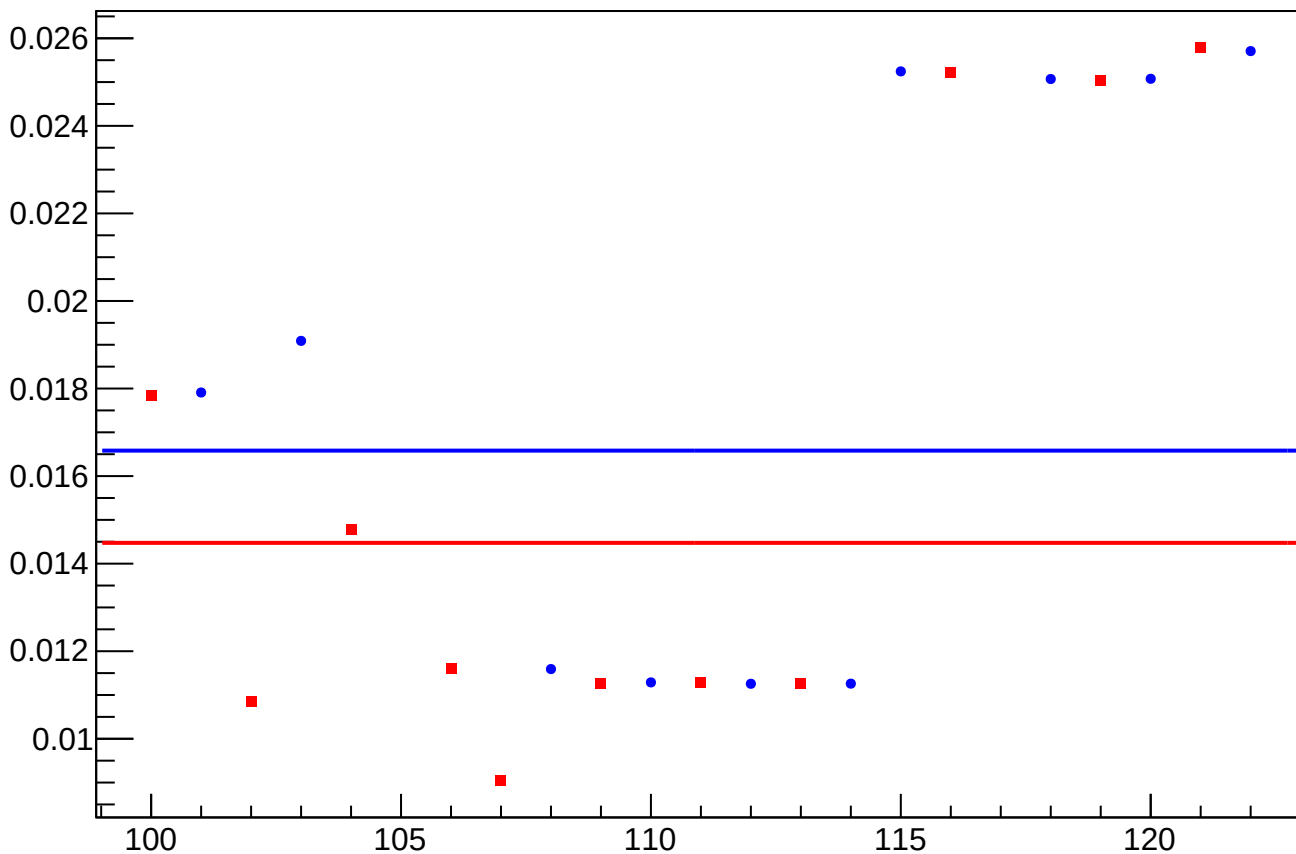
yield_dsr_rms vs Slug, Sign Corrected



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: 0.057+/-0.000 χ^2/NDF : 80168.1/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.058+/-0.000 χ^2/NDF : 84732.3/20
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 : 84732.3/20

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.000

χ^2/NDF : 33745464279.2/9

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000

χ^2/NDF : 35888201497.0/10

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.015+/-0.000

χ^2/NDF : 71858755785.4/20

In: 0.017+/-0.000

χ^2/NDF : 33745464279.2/9

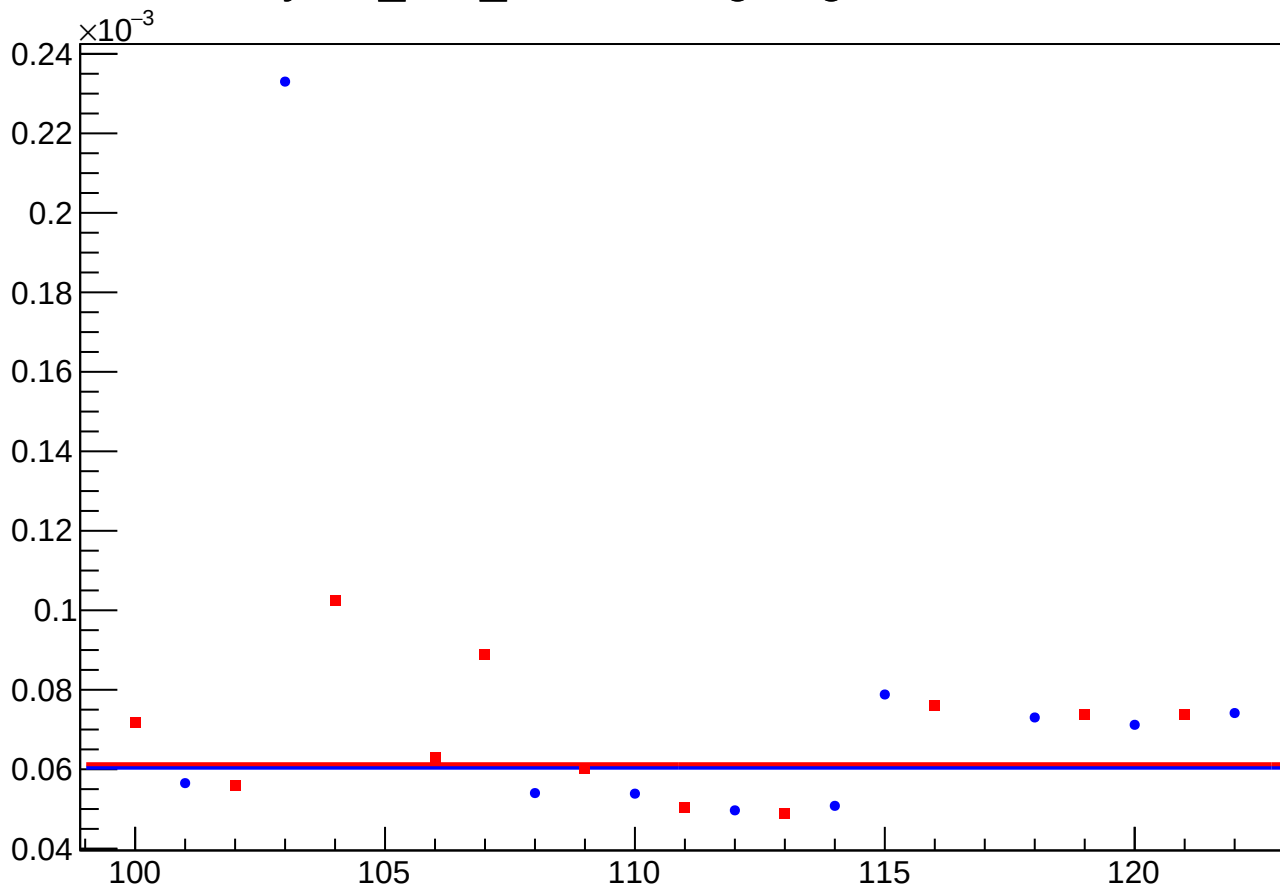
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

χ^2/NDF : 71858755785.4/20

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 : 338766.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

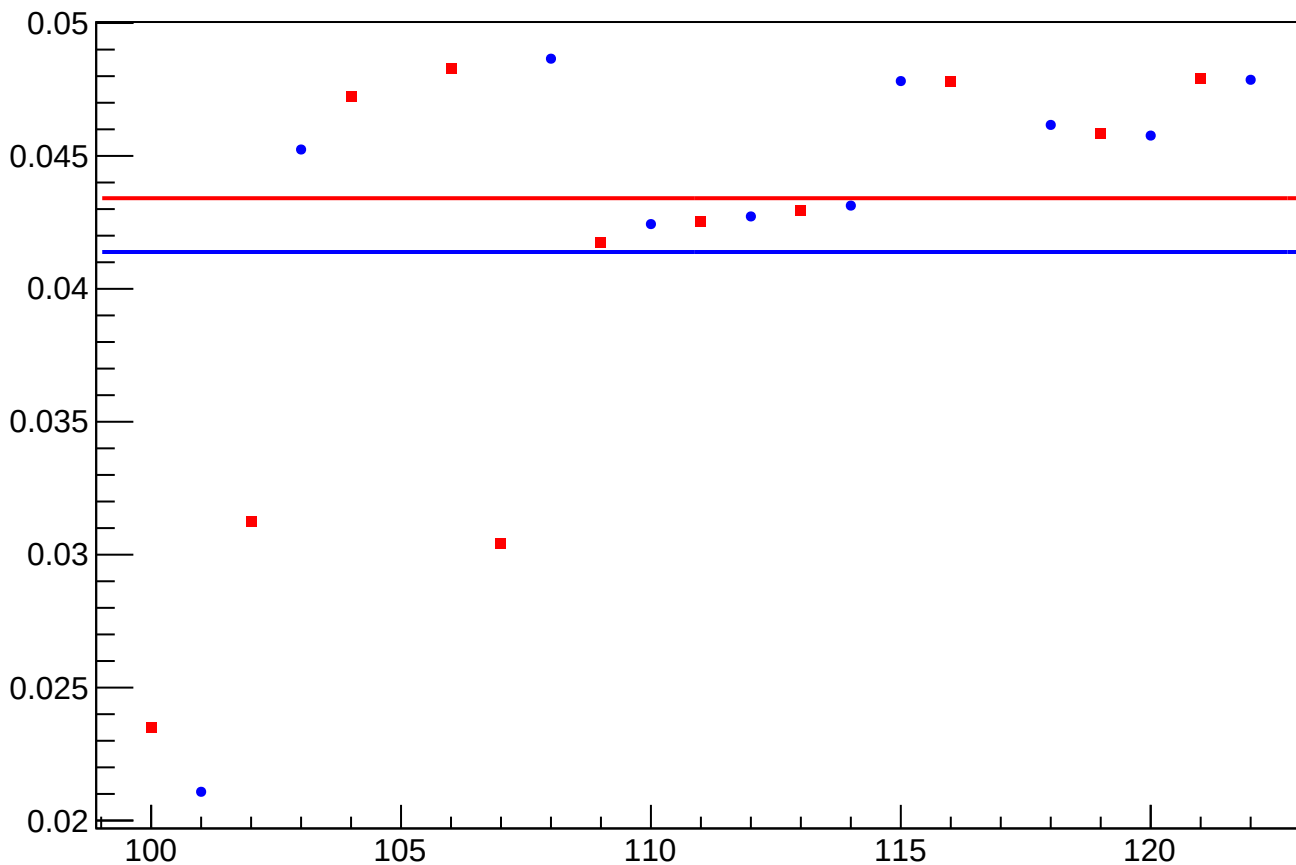
Right: 0.000+/-0.000 χ^2/NDF : 1043603.8/20

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 : 1043603.8/20

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.000

χ^2/NDF : 2598044741.5/9

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.043+/-0.000

χ^2/NDF : 852389429.0/10

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.042+/-0.000

χ^2/NDF : 3507587719.0/20

In: 0.041+/-0.000

χ^2/NDF :2598044741.5/9

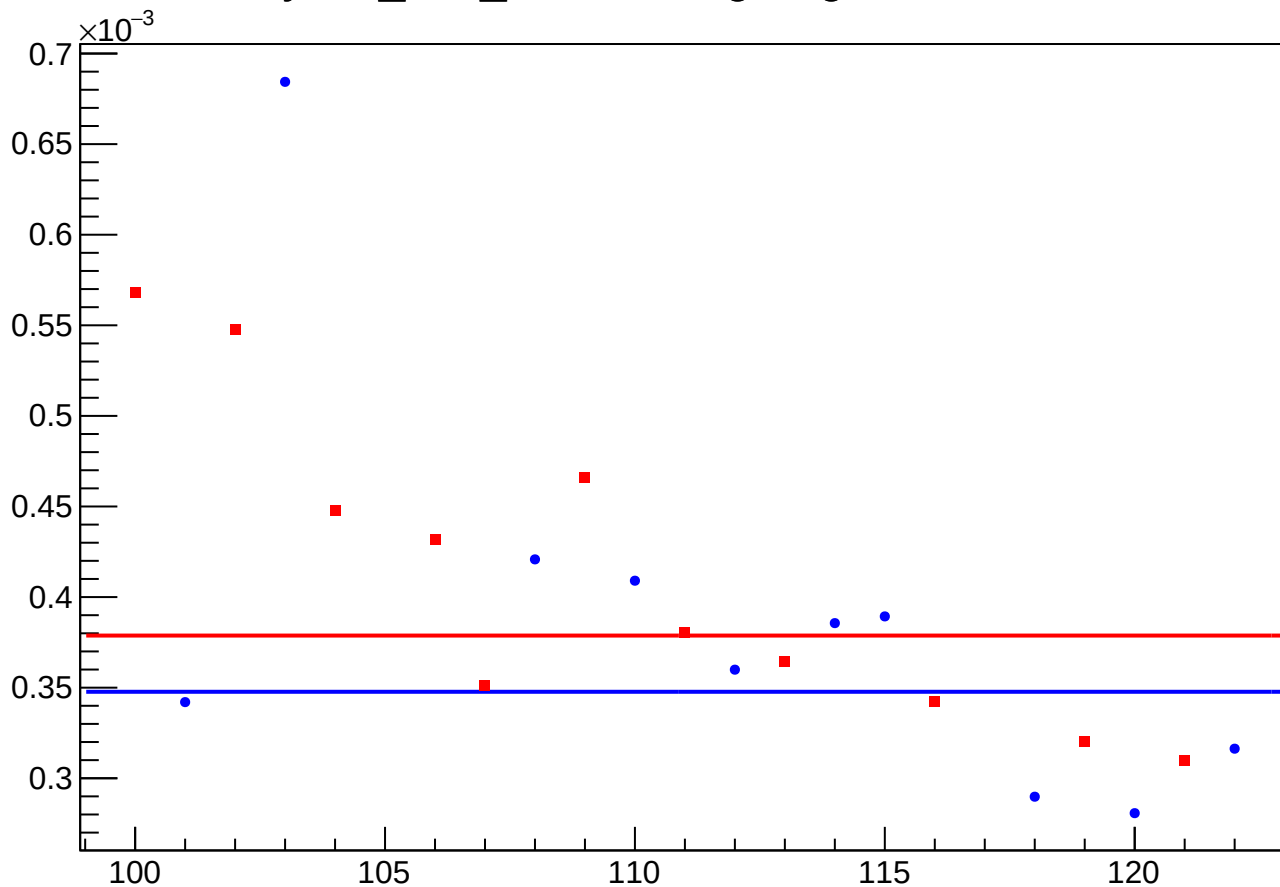
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.042+/-0.000

χ^2/NDF : 3507587719.0/20

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 : 262454.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

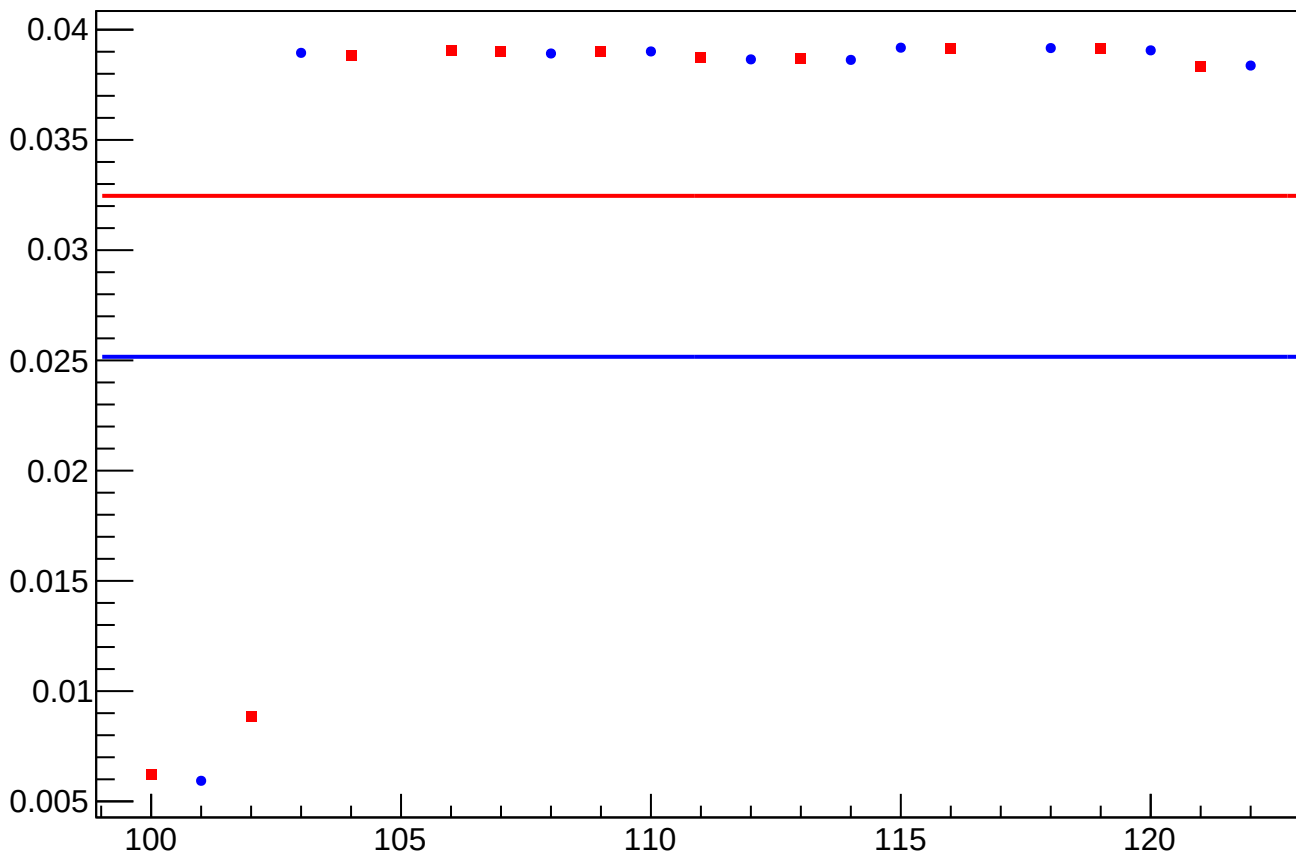
Right: 0.000+/-0.000 χ^2/NDF : 684713.1/20

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 : 684713.1/20

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.000

χ^2/NDF : 86644644434.4/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.029+/-0.000

χ^2/NDF : 137841991298.1/20

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.025+/-0.000

χ^2/NDF : 86644644434.4/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.000

χ^2/NDF : 43125918325.4/10

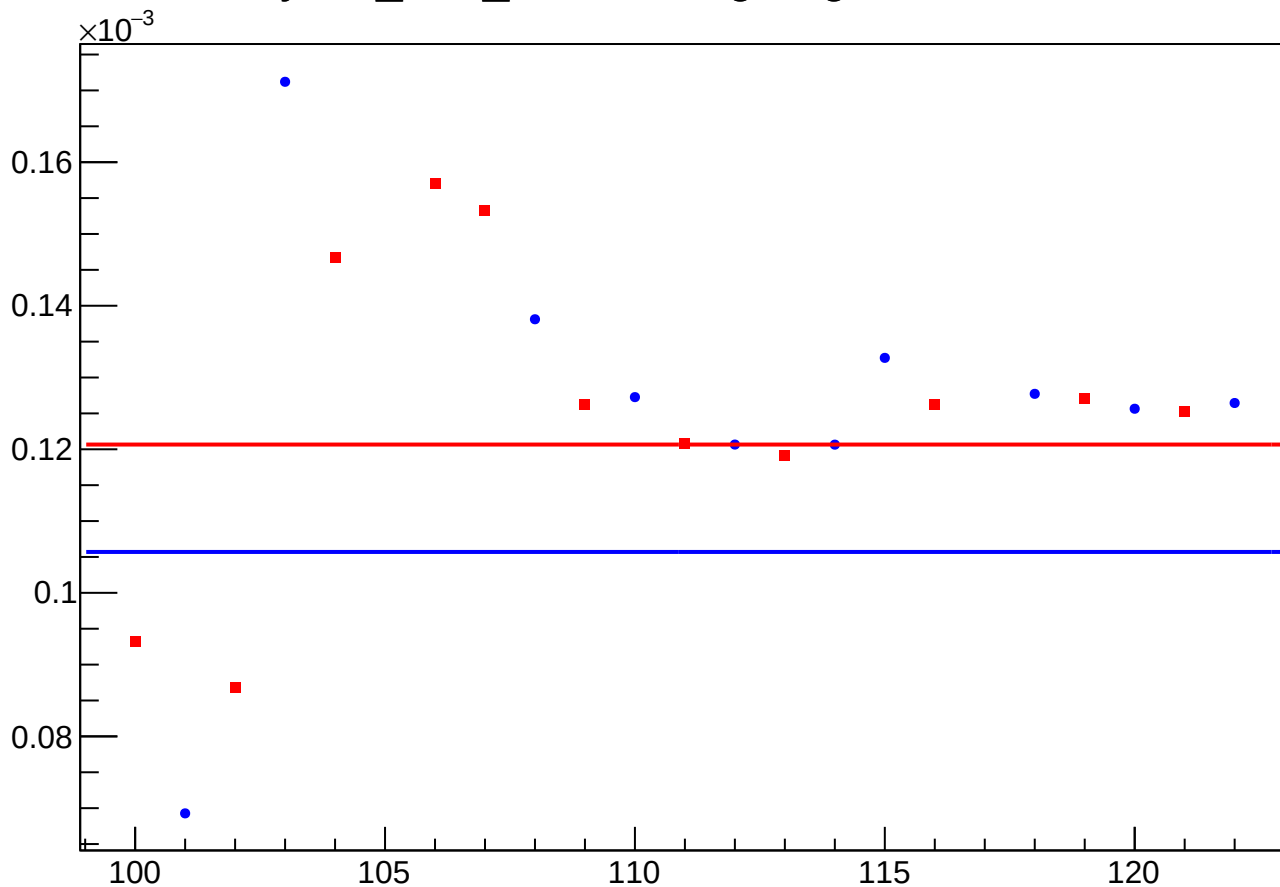
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.029+/-0.000

χ^2/NDF : 137841991298.1

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 : 220310.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

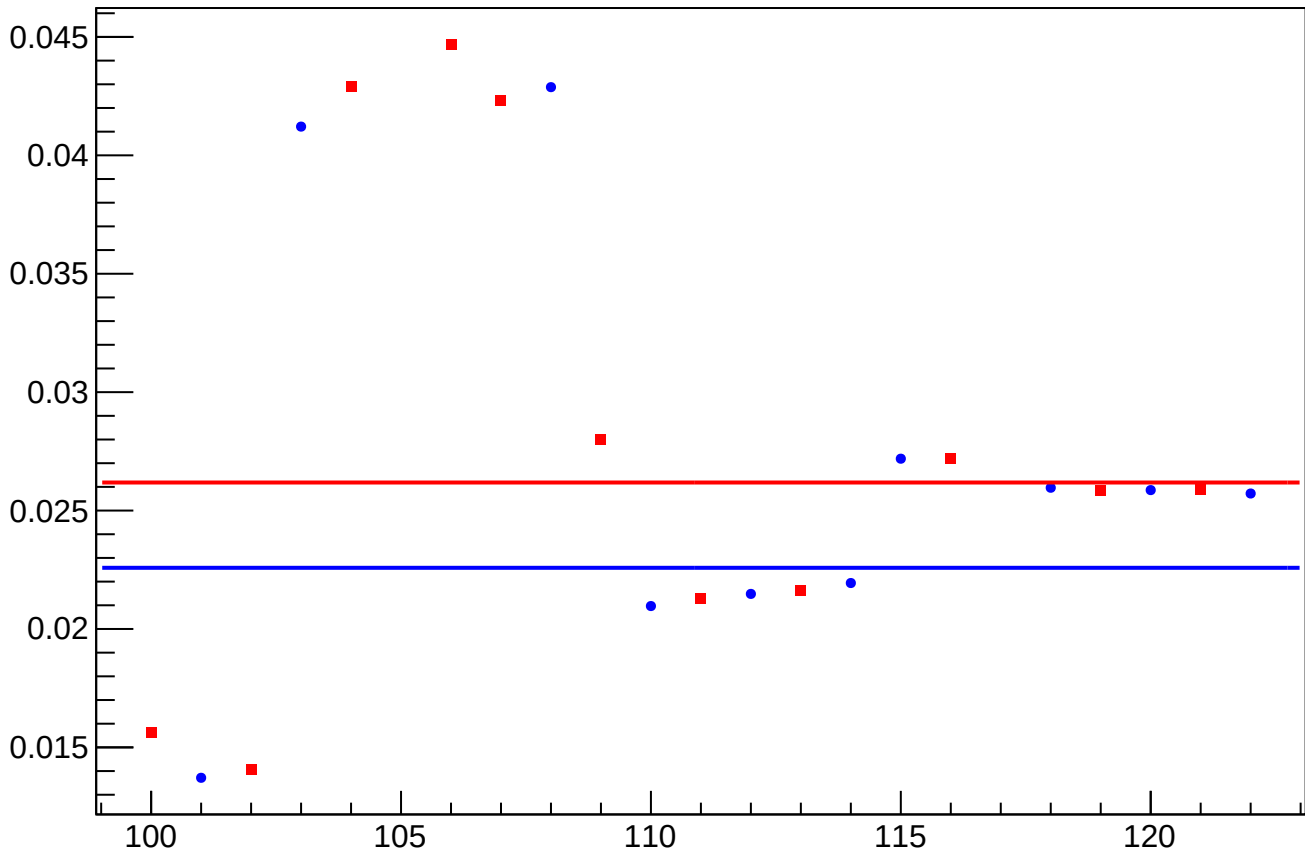
Right: 0.000+/-0.000 χ^2/NDF : 990506.2/20

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 : 990506.2/20

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 : 6942290549.2/20

Right Out: 0.026+/-0.000

χ^2/NDF : 3227749504.2/10

In: 0.023+/-0.000

χ^2/NDF : 3401931985.5/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

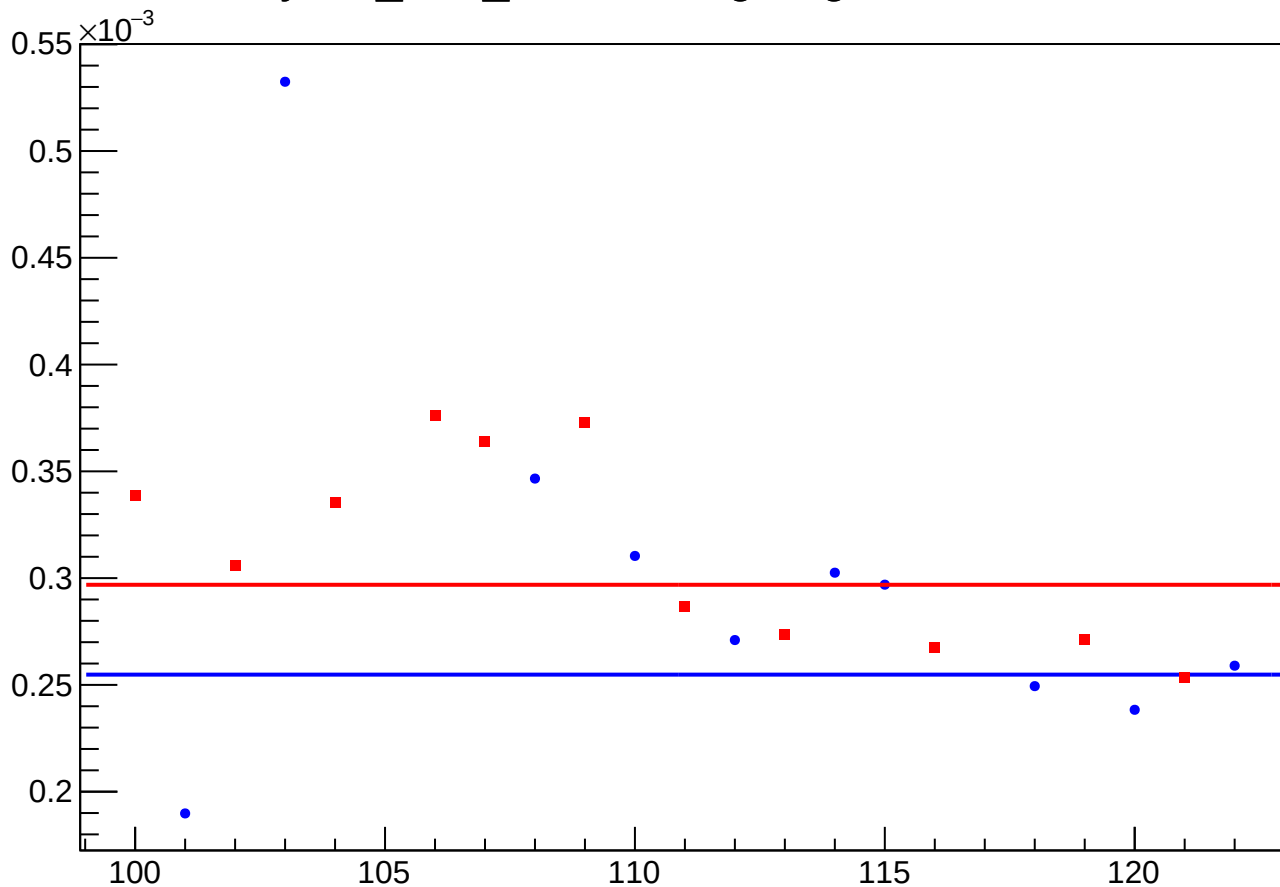
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.024+/-0.000

χ^2/NDF : 6942290549.2/20

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 : 134910.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

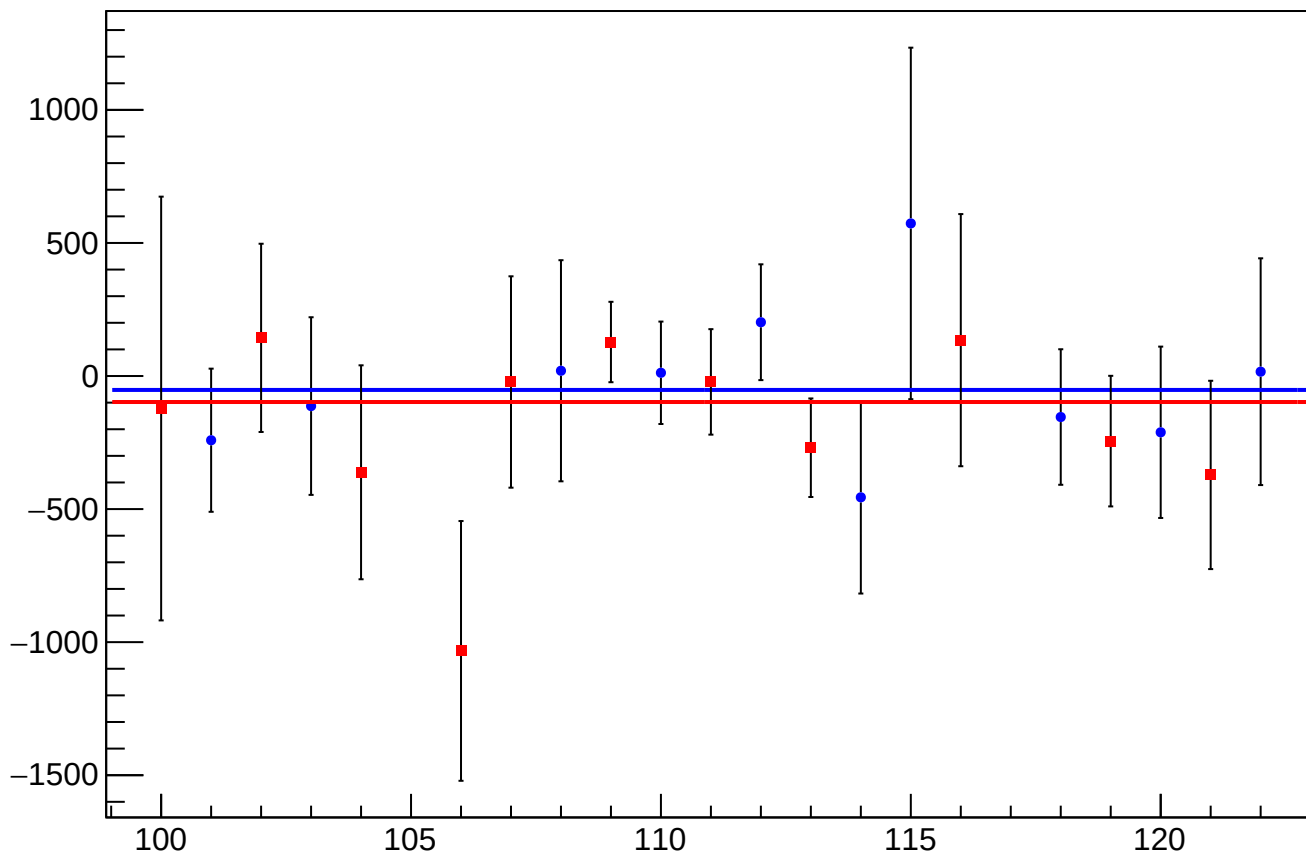
Right: 0.000+/-0.000 χ^2/NDF : 748869.1/20

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 : 748869.1/20

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: -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

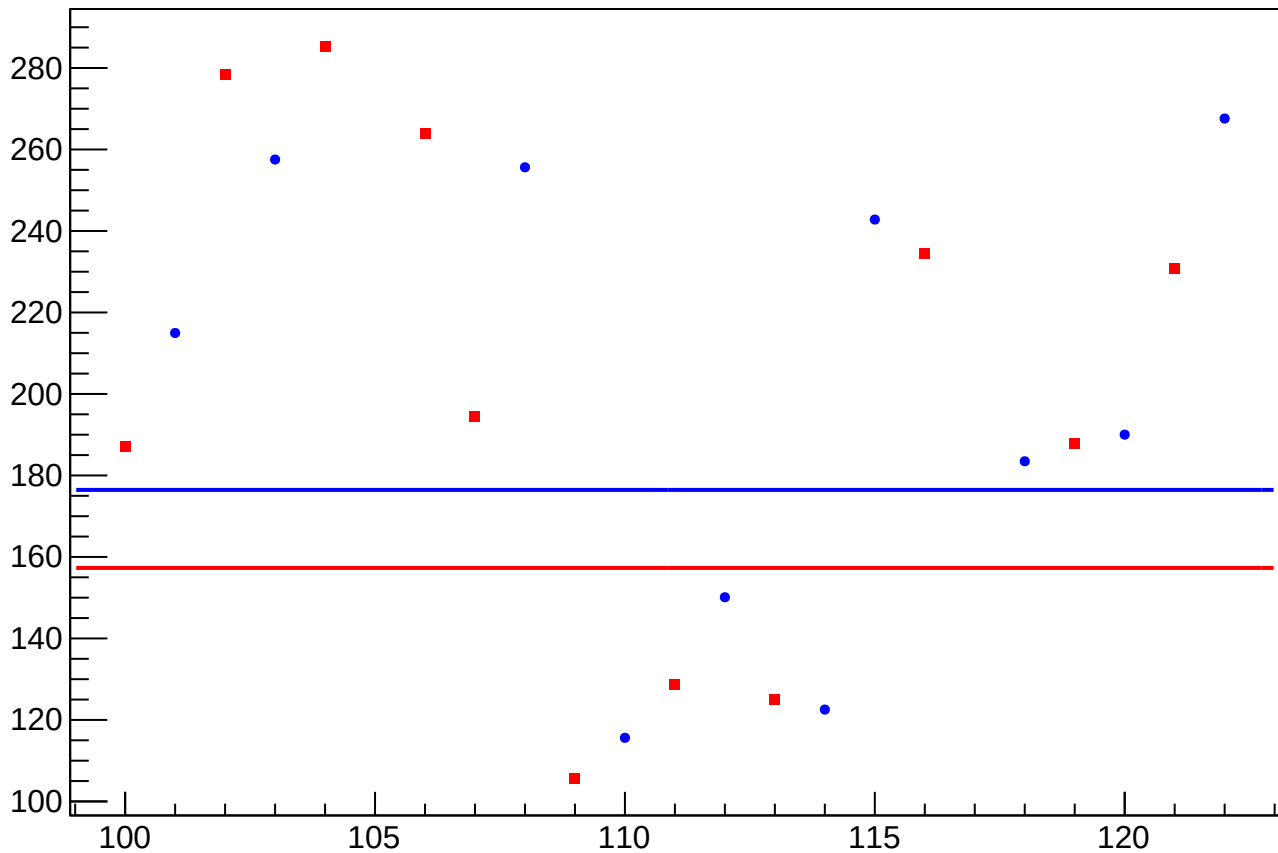
Right: -78.041+/-60.739 χ^2/NDF : 13.8/20

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_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: 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

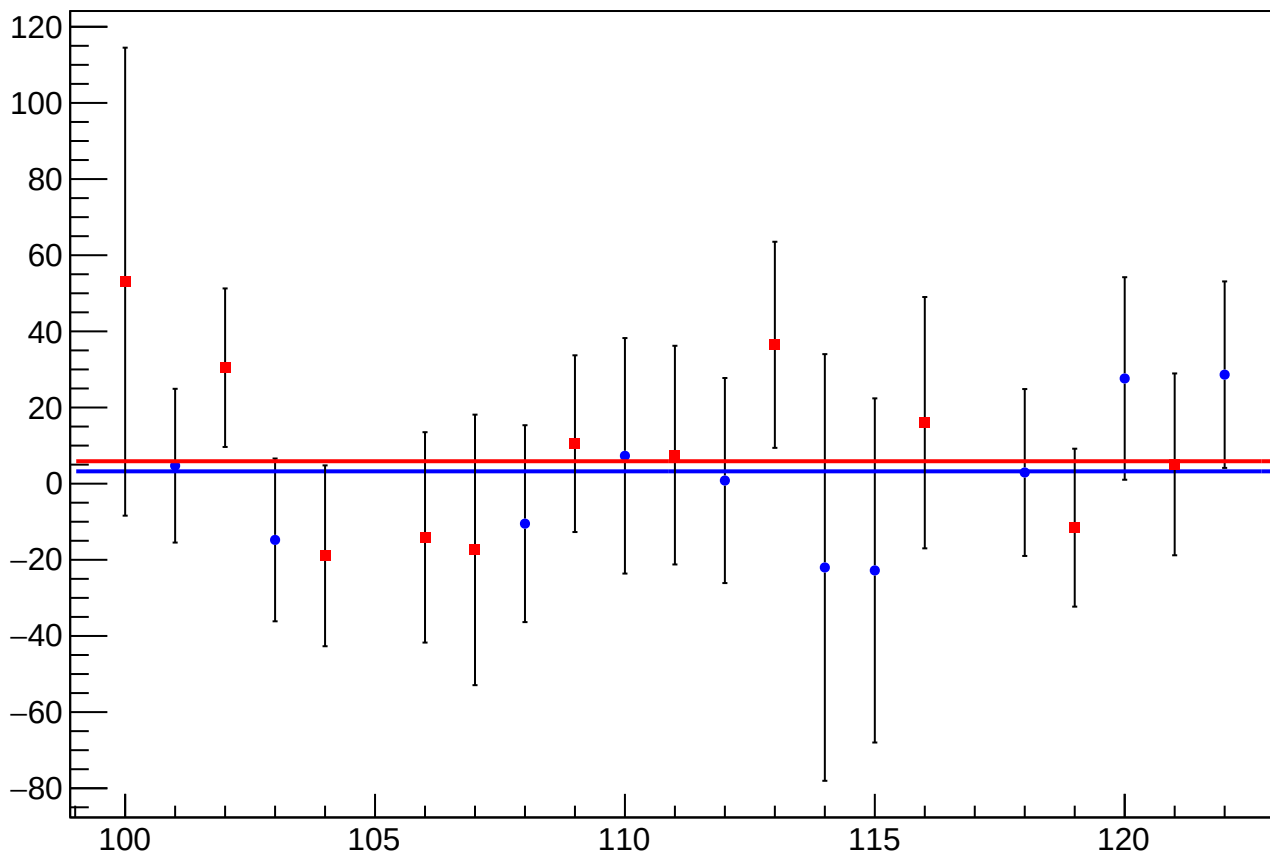
Right: 165.587+/-0.043 χ^2/NDF : 1730775.6/20

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_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: 5.891+/-7.936 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

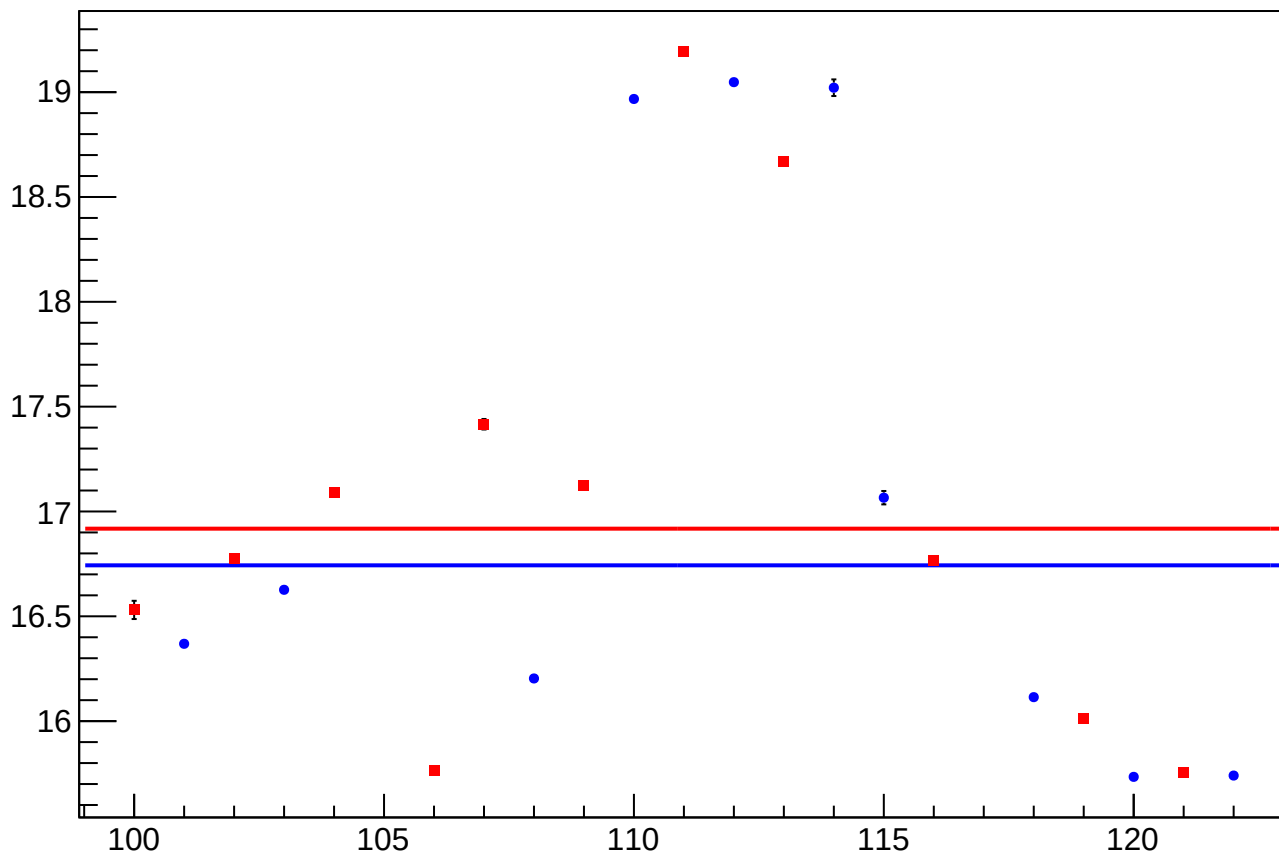
Right: 4.624+/-5.735 χ^2/NDF : 9.7/20

In: 3.238+/-8.296 χ^2/NDF : 3.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.624+/-5.735 χ^2/NDF : 9.7/20

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: 16.918+/-0.006 χ^2/NDF : 33825.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

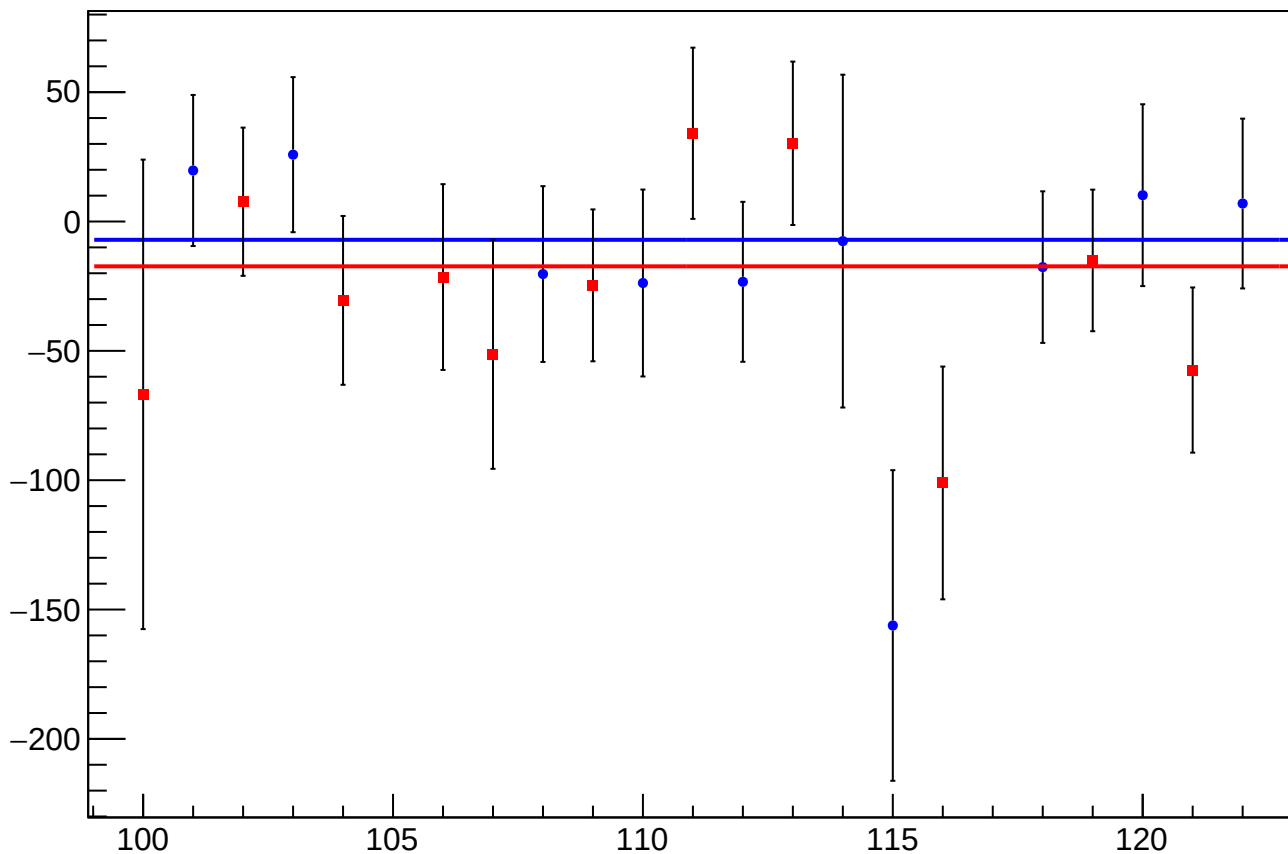
Right: 16.834+/-0.004 χ^2/NDF : 72183.0/20

In: 16.743+/-0.006 χ^2/NDF : 37893.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.834+/-0.004 χ^2/NDF : 72183.0/20

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: -17.323 ± 10.287 χ^2/NDF : 11.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

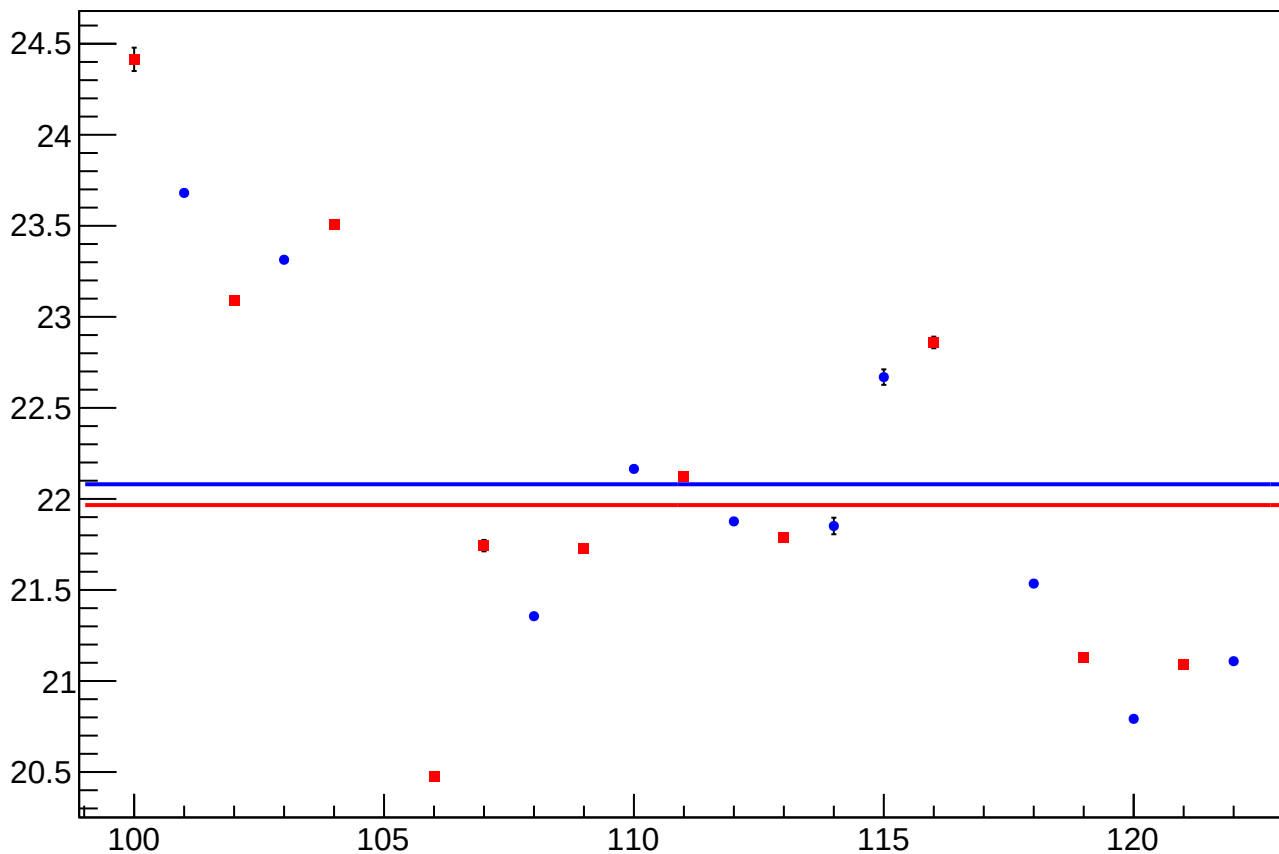
Right: -12.502 ± 7.488 χ^2/NDF : 21.5/20

In: -7.069 ± 10.920 χ^2/NDF : 9.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.502 ± 7.488 χ^2/NDF : 21.5/20

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: 21.966+/-0.007 χ^2/NDF : 16902.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

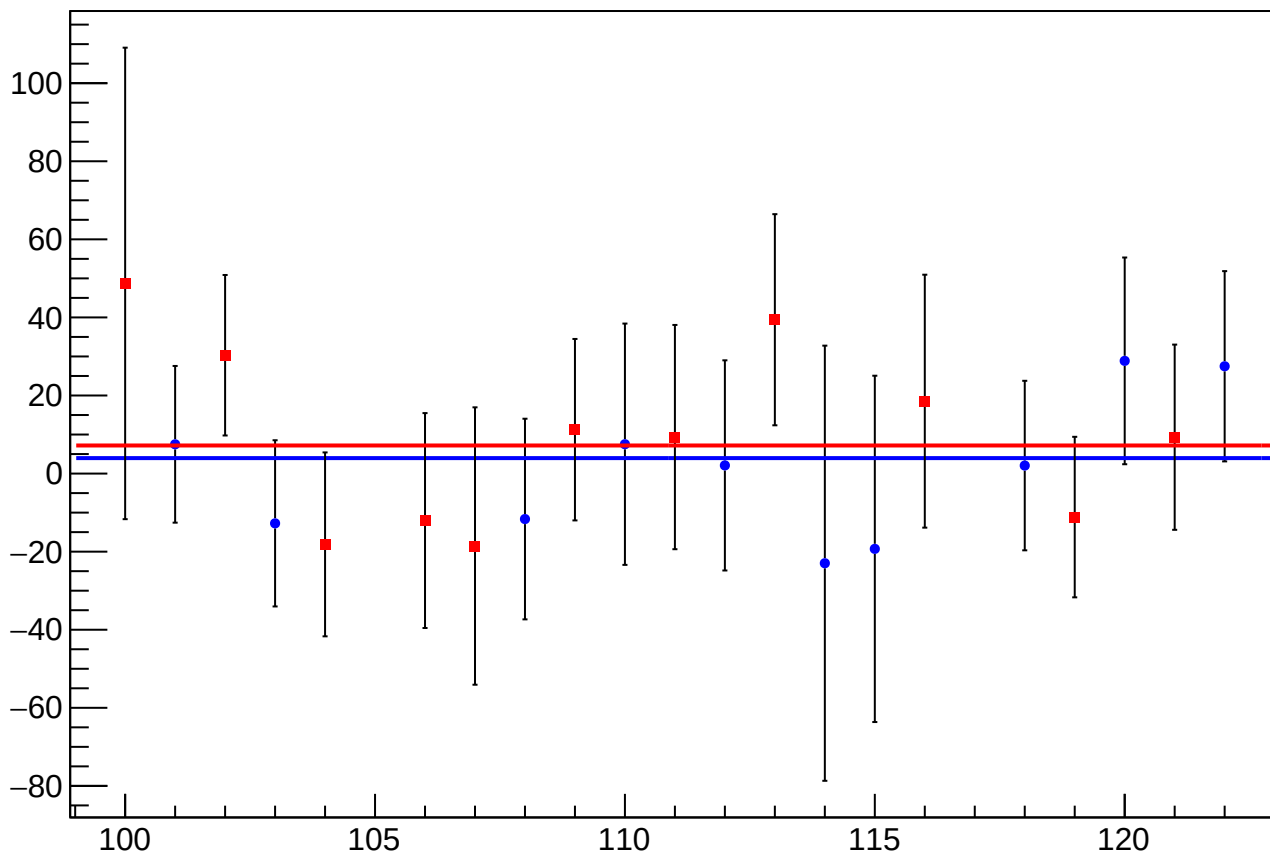
Right: 22.020+/-0.005 χ^2/NDF : 32769.5/20

In: 22.080+/-0.008 χ^2/NDF : 15750.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.020+/-0.005 χ^2/NDF : 32769.5/20

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: 7.196+/-7.885 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

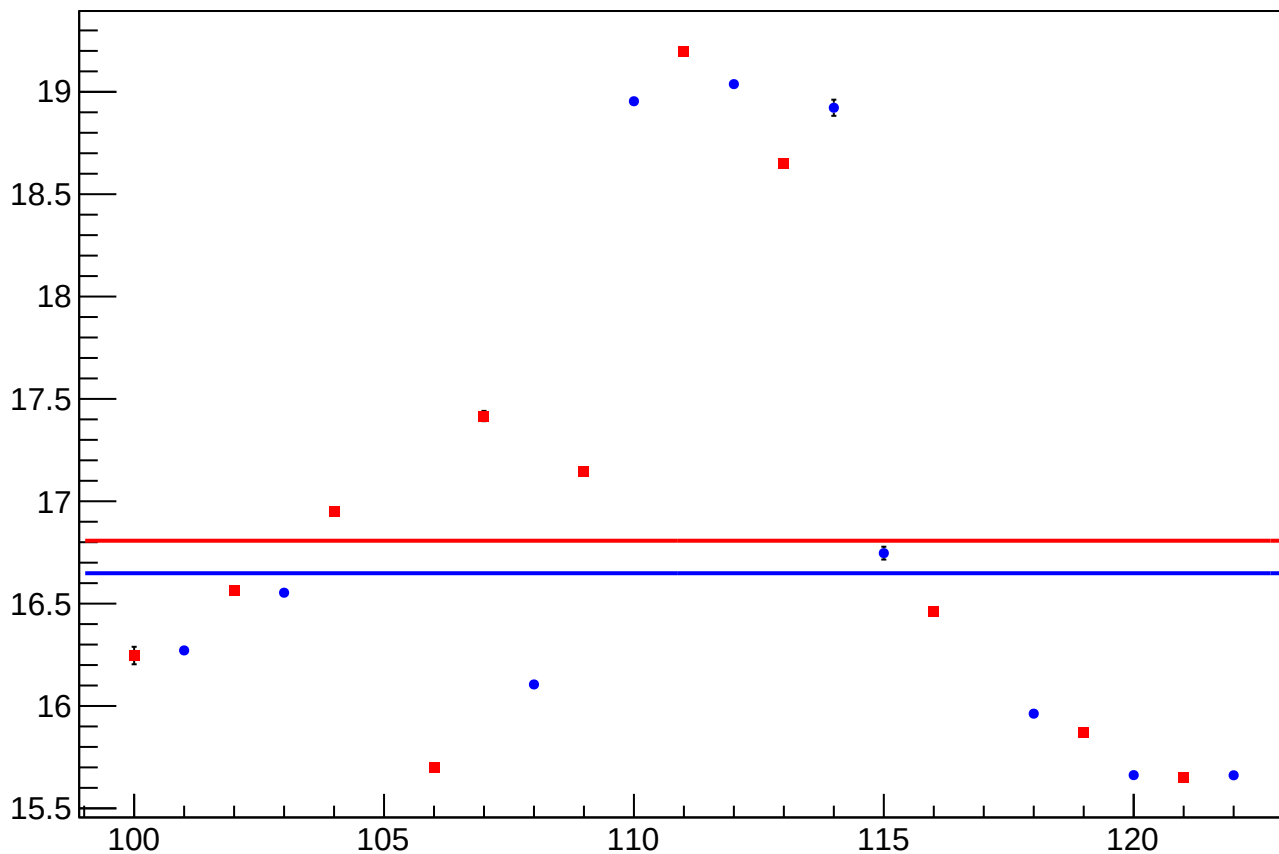
Right: 5.653+/-5.700 χ^2/NDF : 9.7/20

In: 3.963+/-8.250 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.653+/-5.700 χ^2/NDF : 9.7/20

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: 16.807+/-0.006 χ^2/NDF : 37013.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

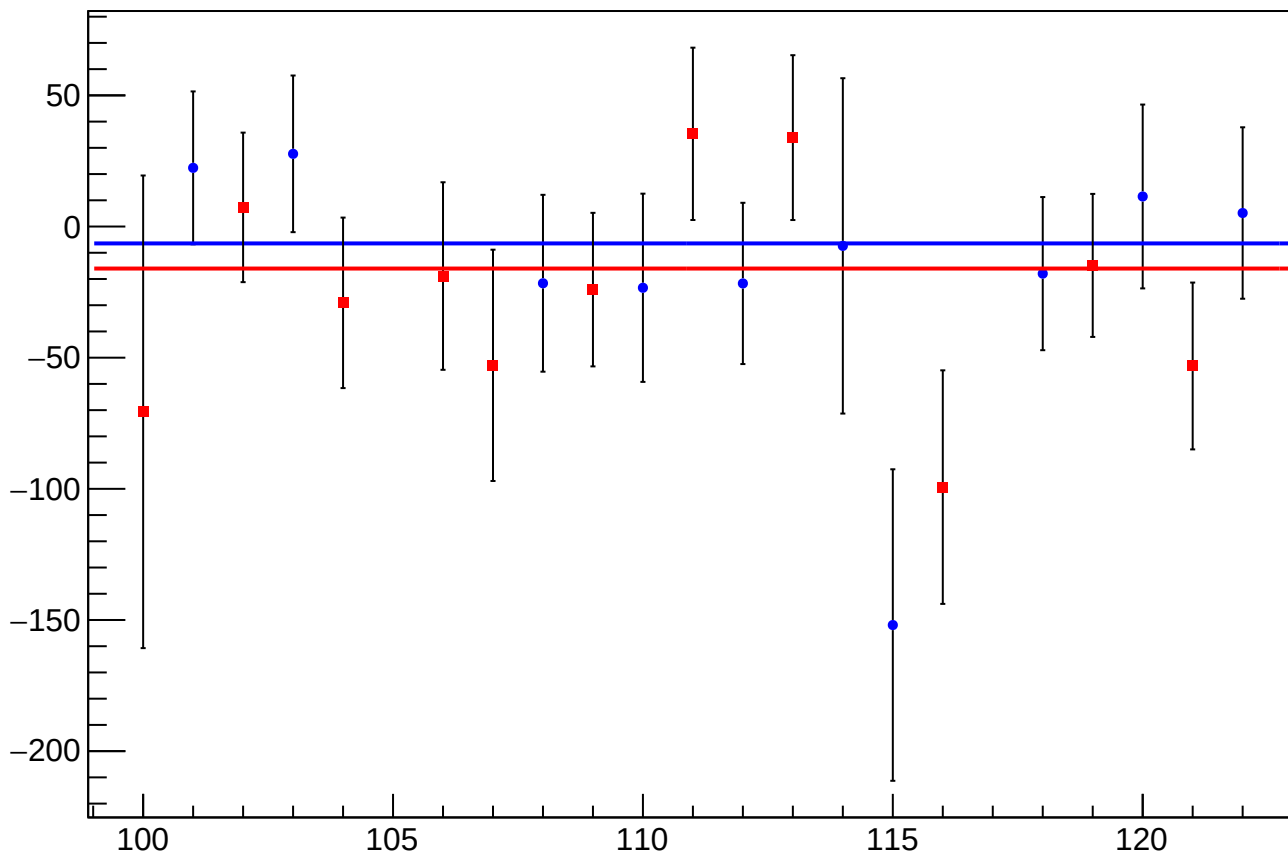
Right: 16.731+/-0.004 χ^2/NDF : 77321.4/20

In: 16.648+/-0.006 χ^2/NDF : 39921.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.731+/-0.004 χ^2/NDF : 77321.4/20

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: -16.019+/-10.236 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

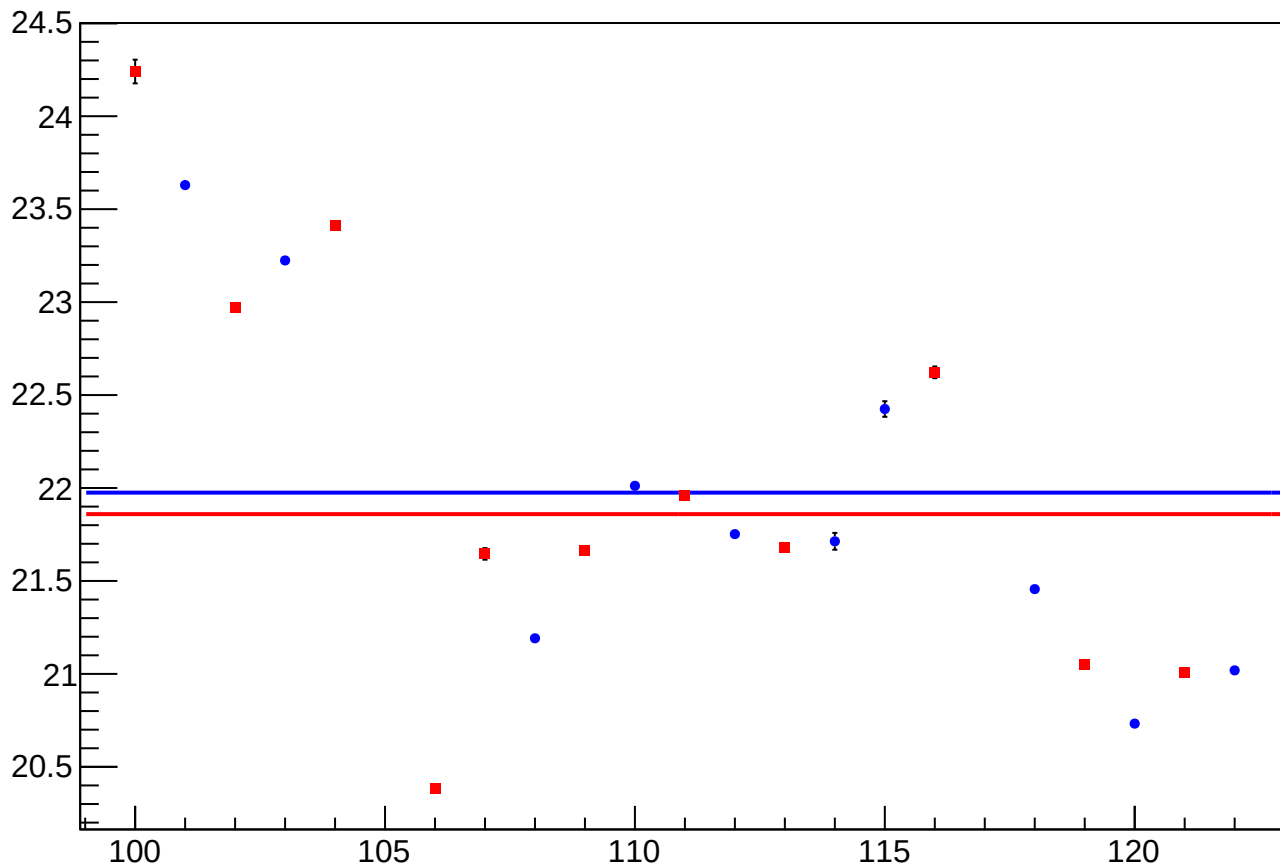
Right: -11.515+/-7.451 χ^2/NDF : 21.7/20

In: -6.438+/-10.868 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.515+/-7.451 χ^2/NDF : 21.7/20

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: 21.859+/-0.007 χ^2/NDF : 16431.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

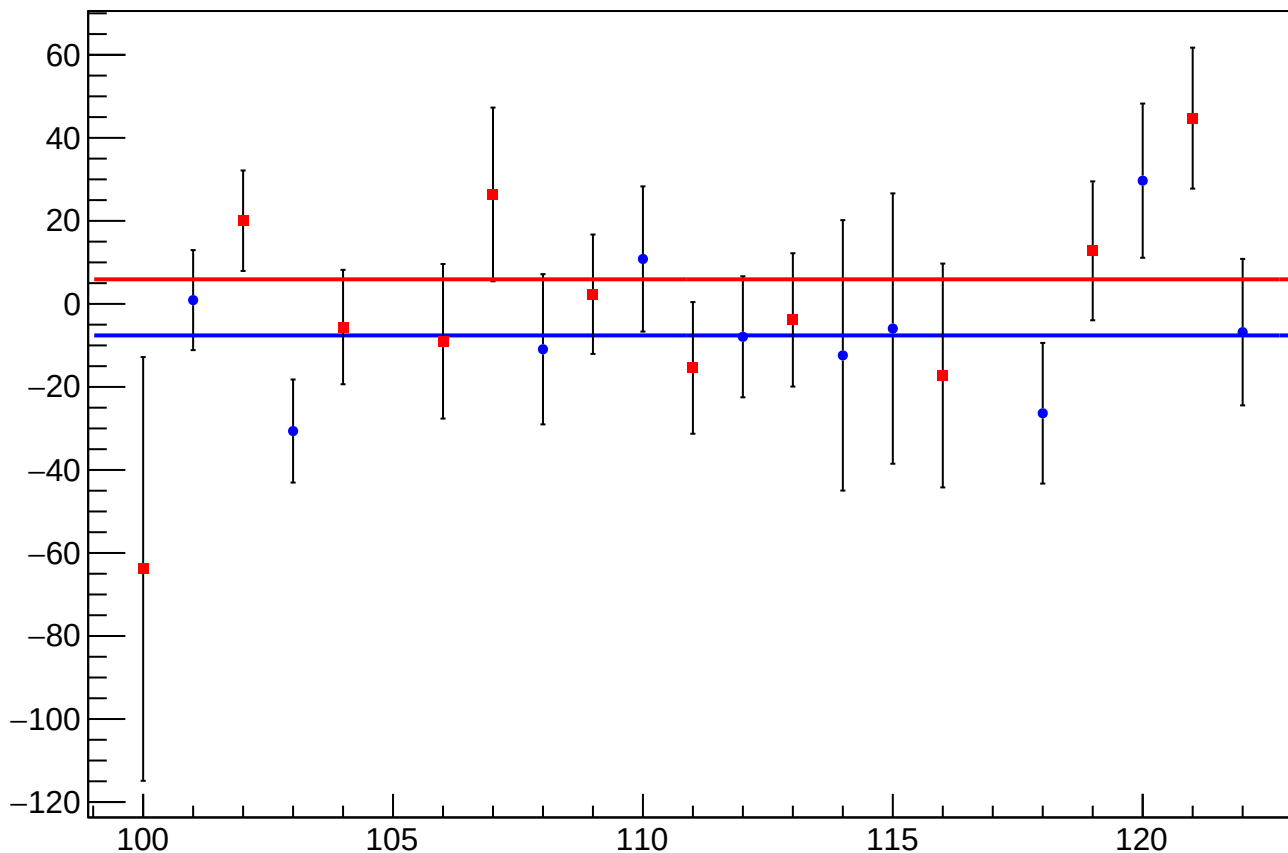
Right: 21.914+/-0.005 χ^2/NDF : 32694.0/20

In: 21.975+/-0.008 χ^2/NDF :16142.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.914+/-0.005 χ^2/NDF : 32694.0/20

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: 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

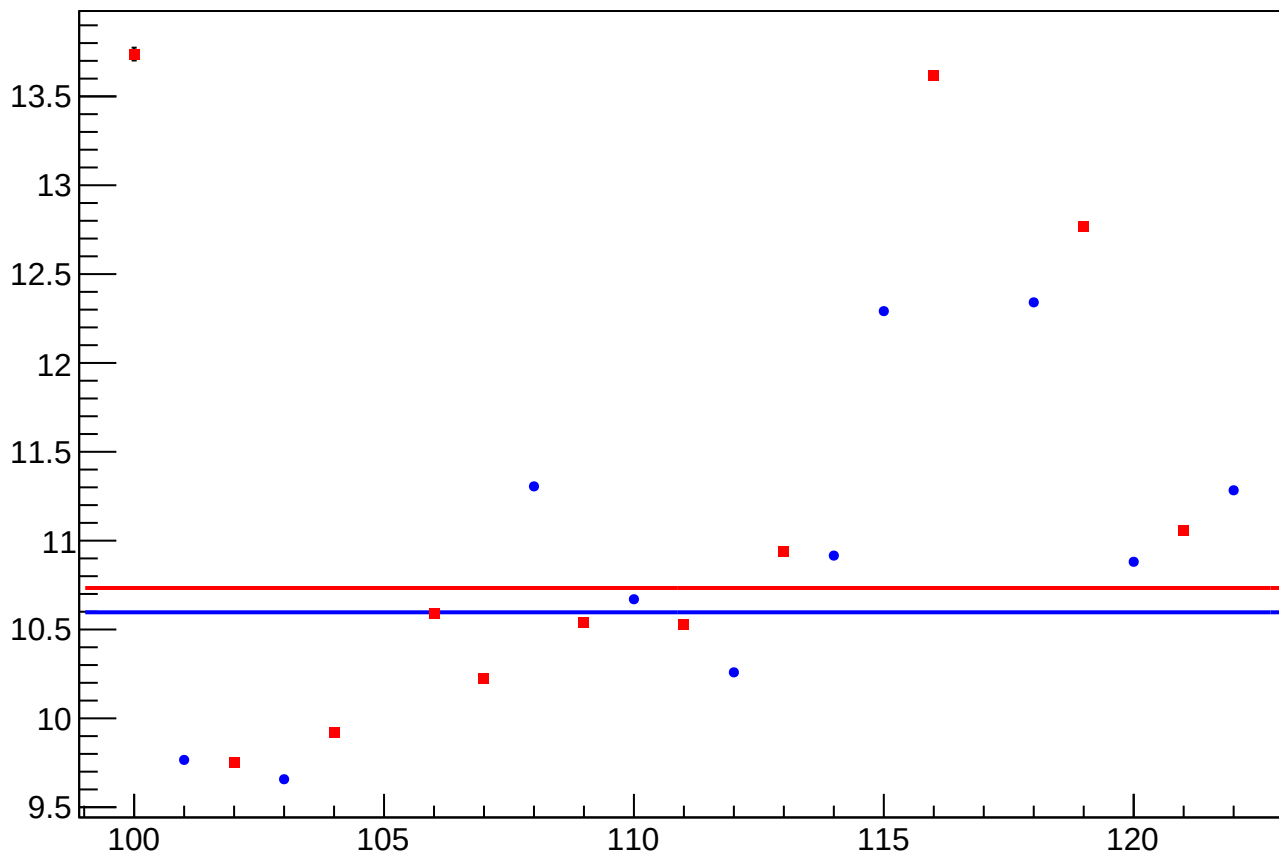
Right: -0.575+/-3.660 χ^2/NDF : 27.7/20

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_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: 10.734 $\pm$ 0.004 χ^2 /NDF: 82575.7/10

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

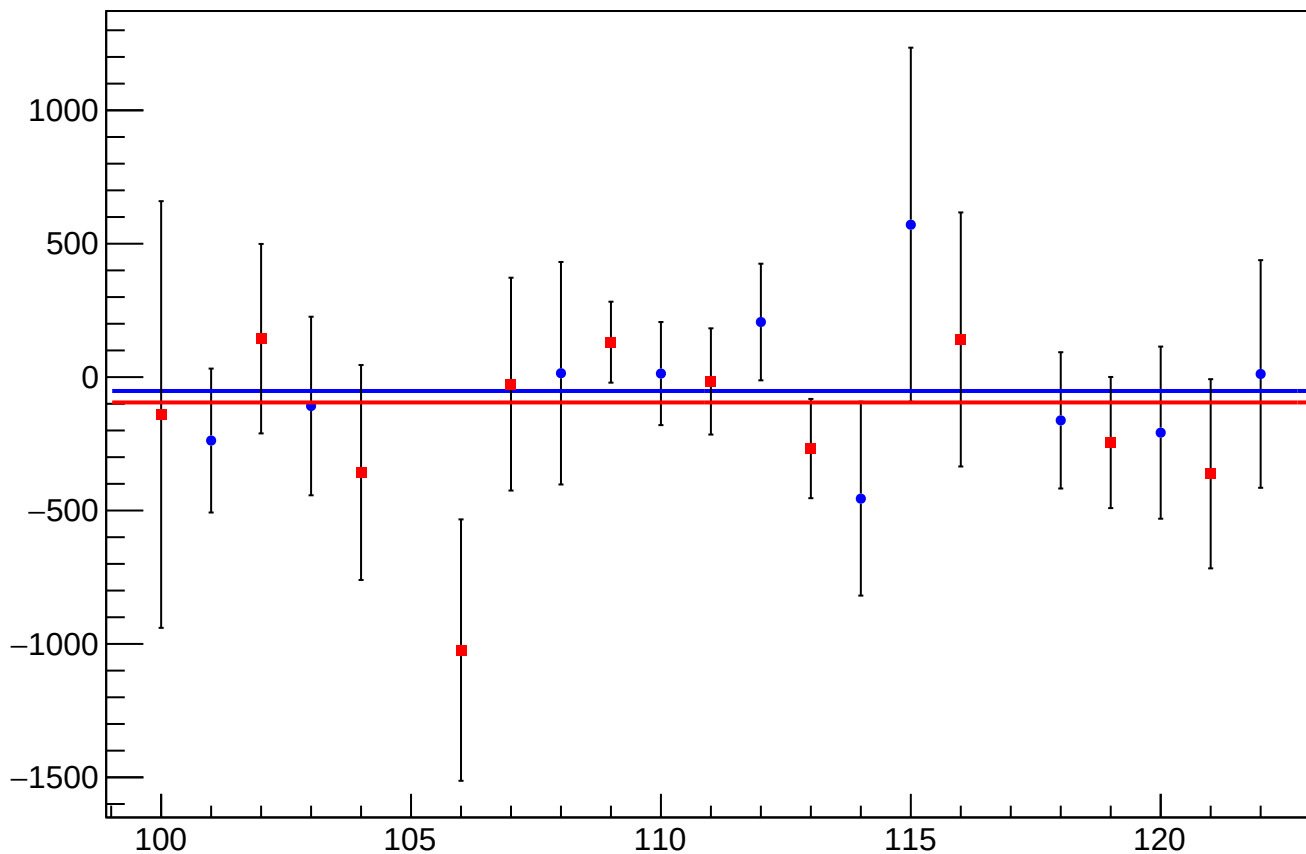
Right: 10.668 $\pm$ 0.003 χ^2 /NDF: 138697.3/20

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: 10.668 $\pm$ 0.003 χ^2 /NDF: 138697.3/20

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: -94.938 ± 80.947 χ^2/NDF : 8.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

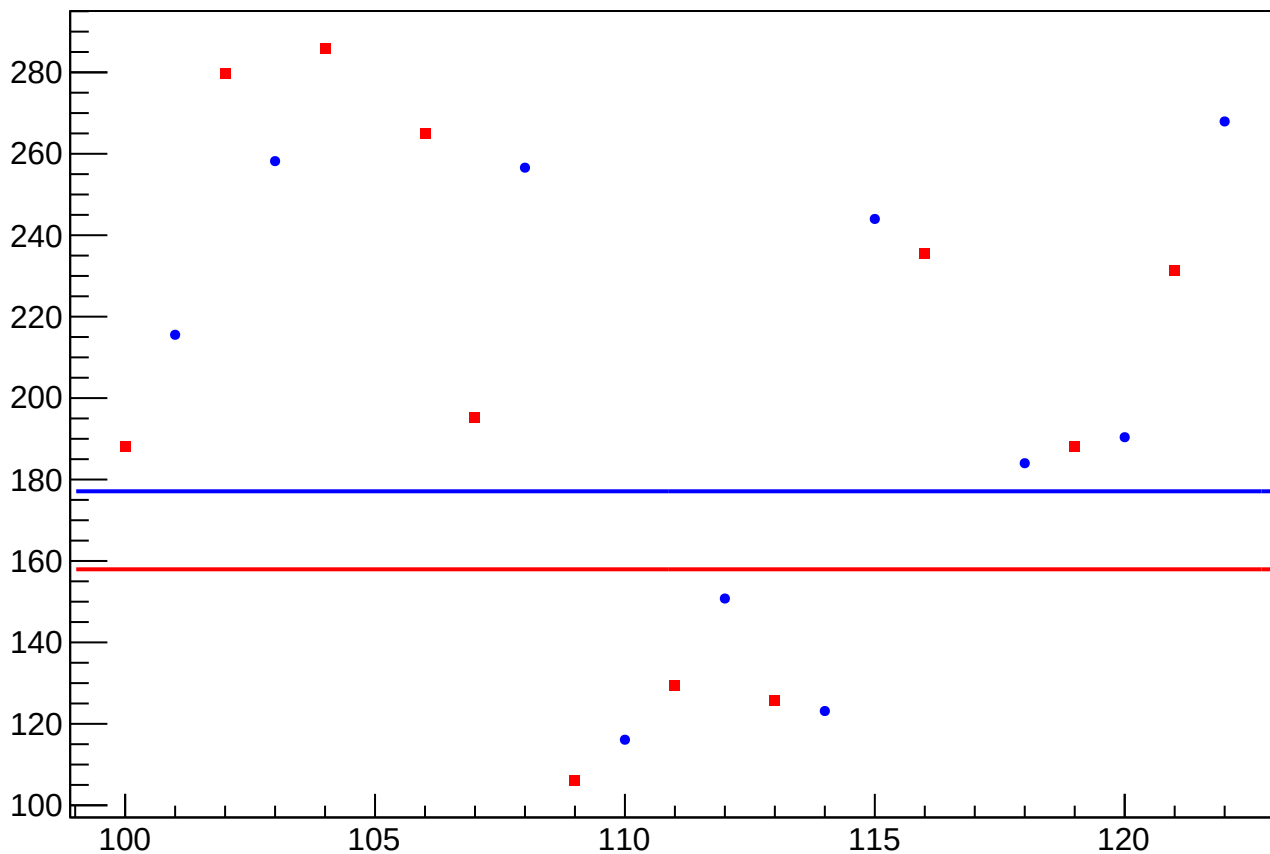
Right: -76.333 ± 60.966 χ^2/NDF : 13.6/20

In: -51.944 ± 92.677 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.333 ± 60.966 χ^2/NDF : 13.6/20

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: 157.950+/-0.057 χ^2/NDF : 1056422.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

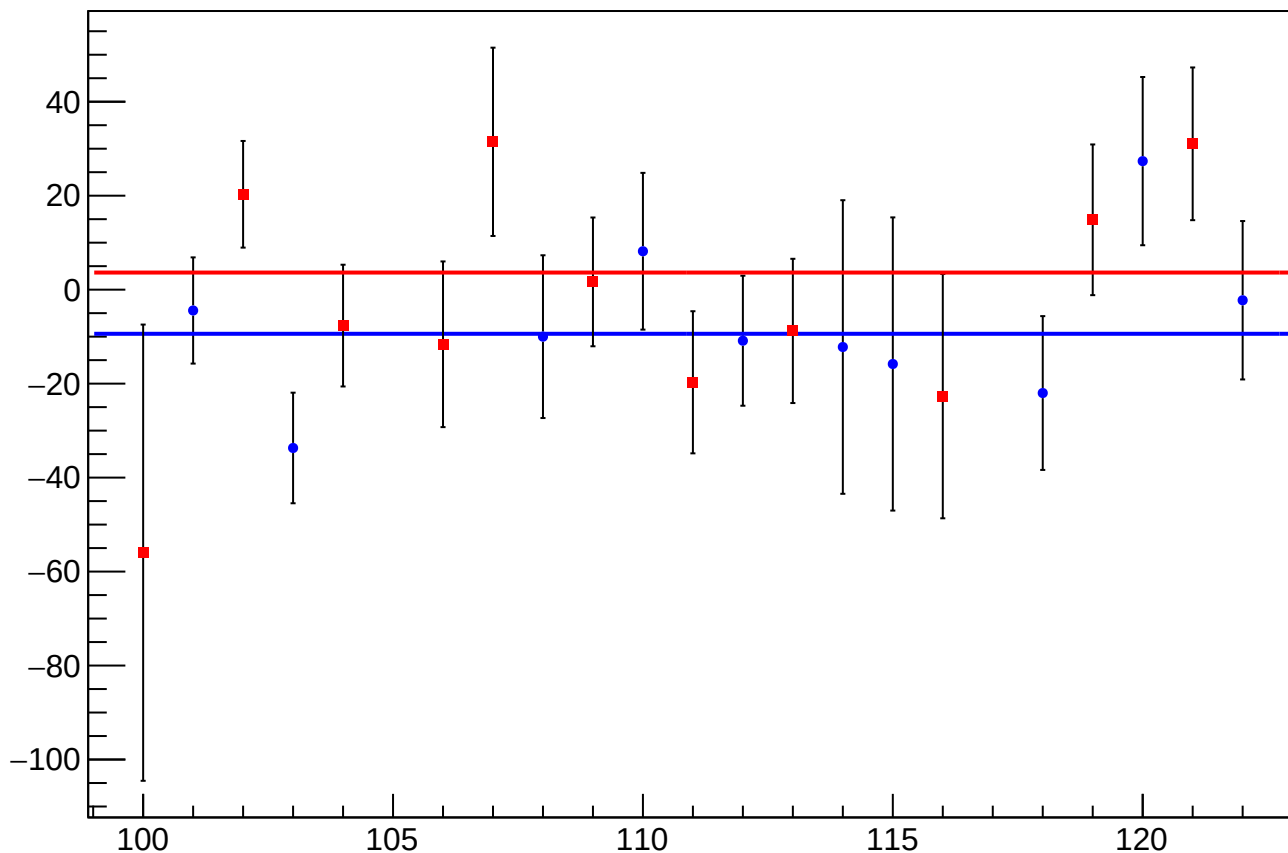
Right: 166.243+/-0.043 χ^2/NDF : 1724005.2/20

In: 177.113+/-0.066 χ^2/NDF : 619079.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.243+/-0.043 χ^2/NDF : 1724005.2/20

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: 3.641+/-4.825 χ^2/NDF : 14.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

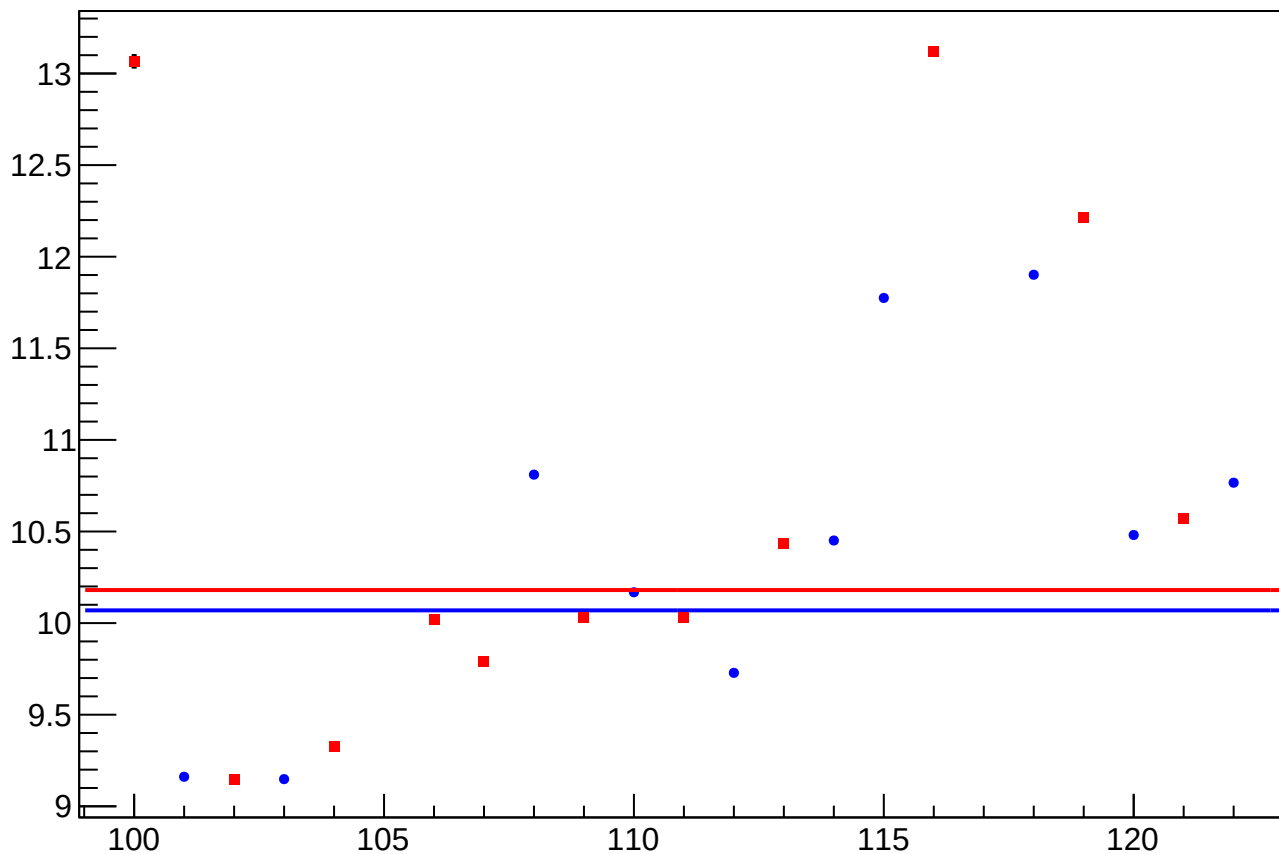
Right: -2.613+/-3.480 χ^2/NDF : 28.6/20

In: -9.392+/-5.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.613+/-3.480 χ^2/NDF : 28.6/20

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: 10.180+/-0.003 χ^2/NDF : 93193.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

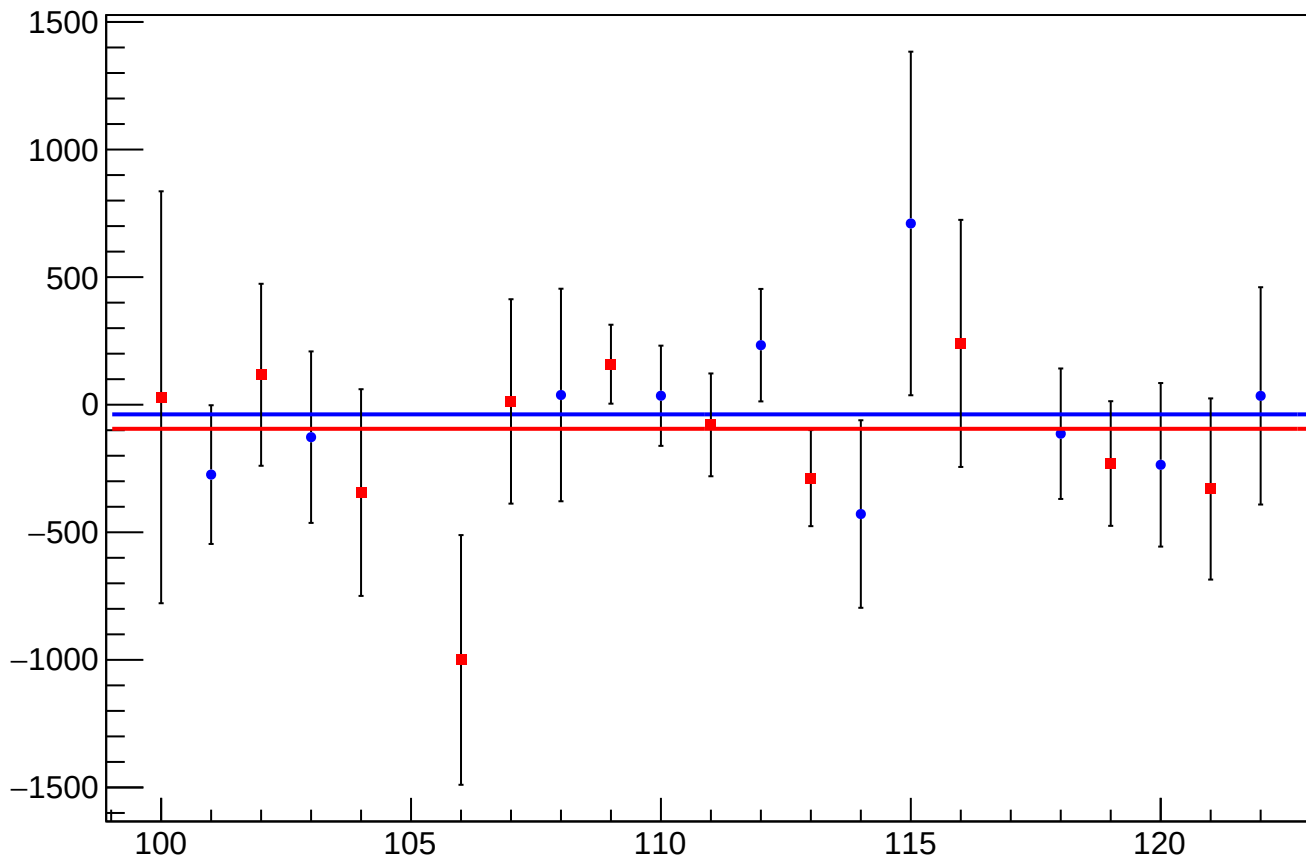
Right: 10.127+/-0.002 χ^2/NDF : 159624.5/20

In: 10.069+/-0.004 χ^2/NDF : 65923.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.127+/-0.002 χ^2/NDF : 159624.5/20

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: -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

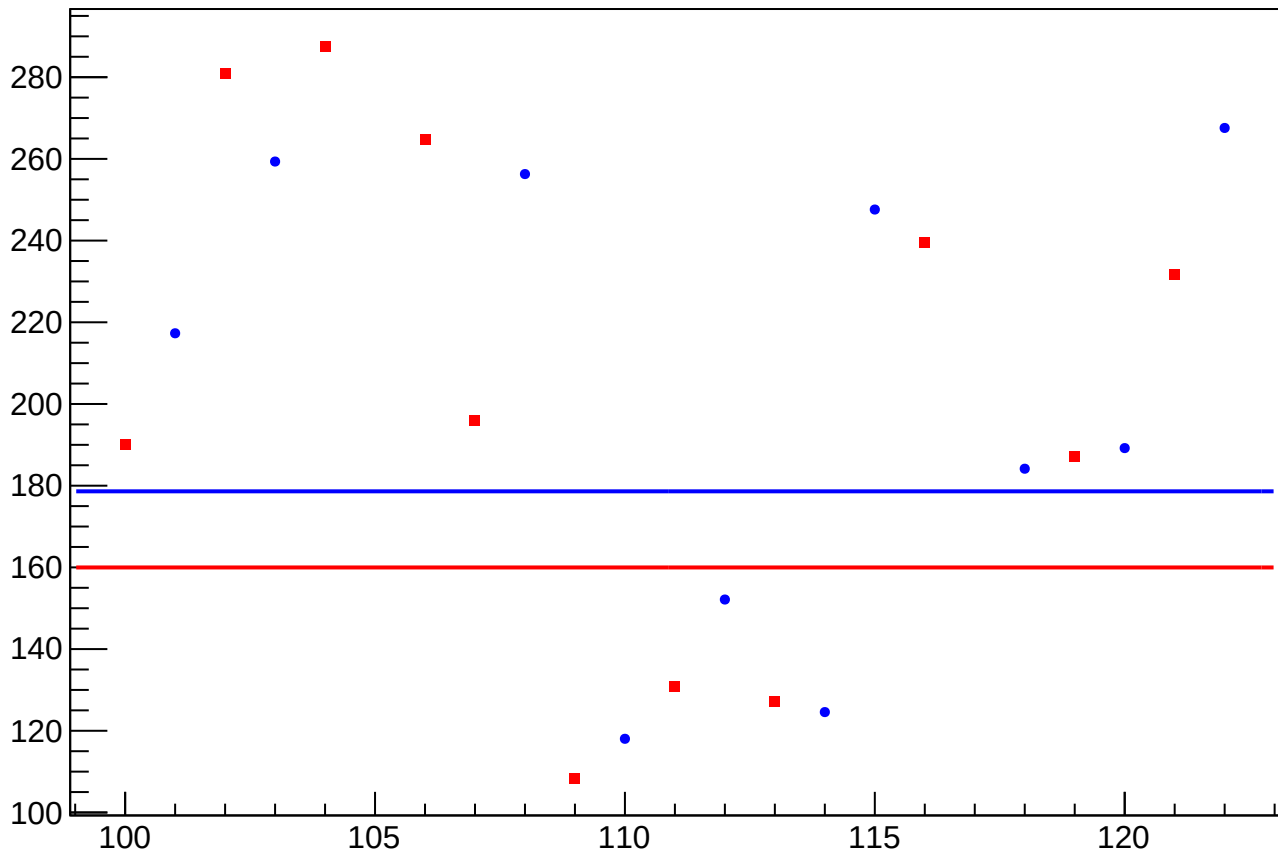
Right: -69.869+/-61.504 χ^2/NDF : 14.8/20

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_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: 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

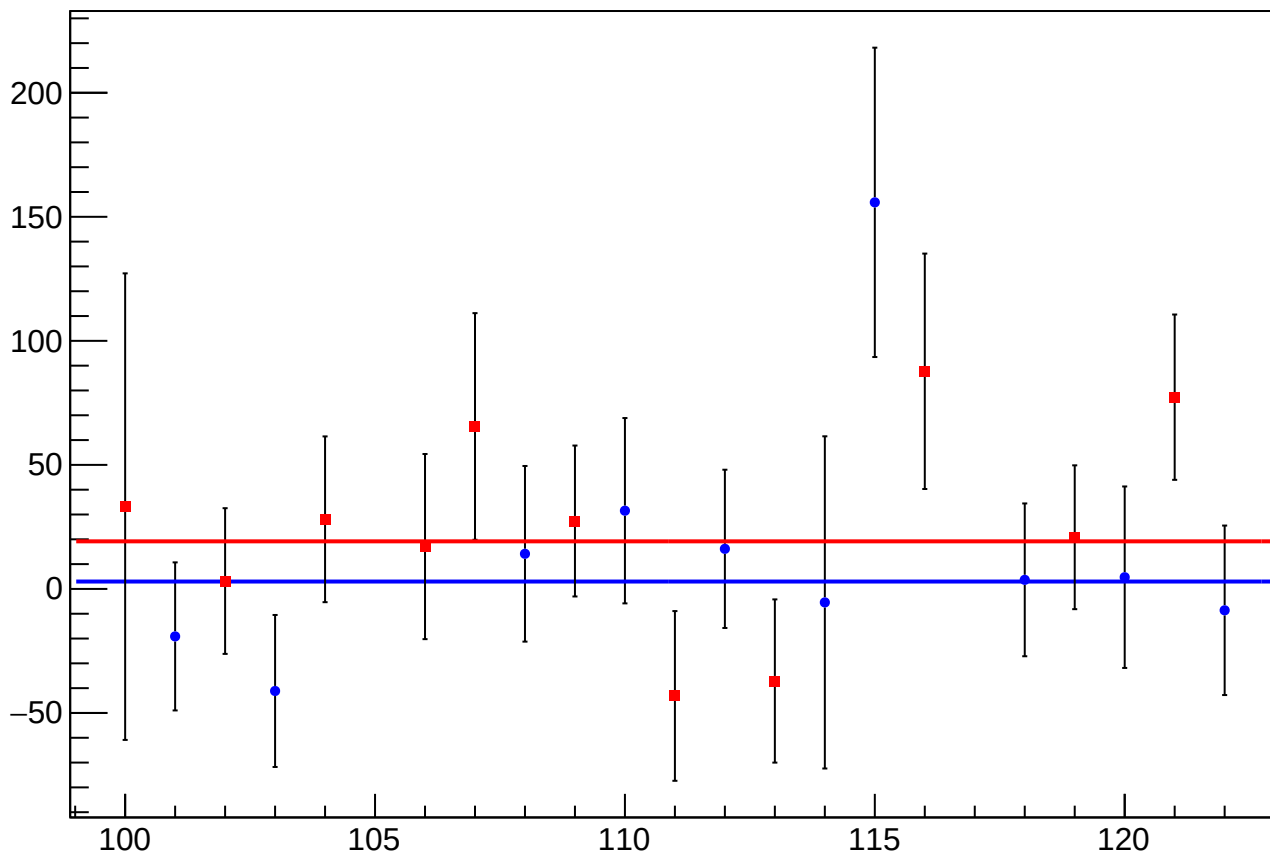
Right: 168.078+/-0.043 χ^2/NDF : 1668524.8/20

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_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: 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

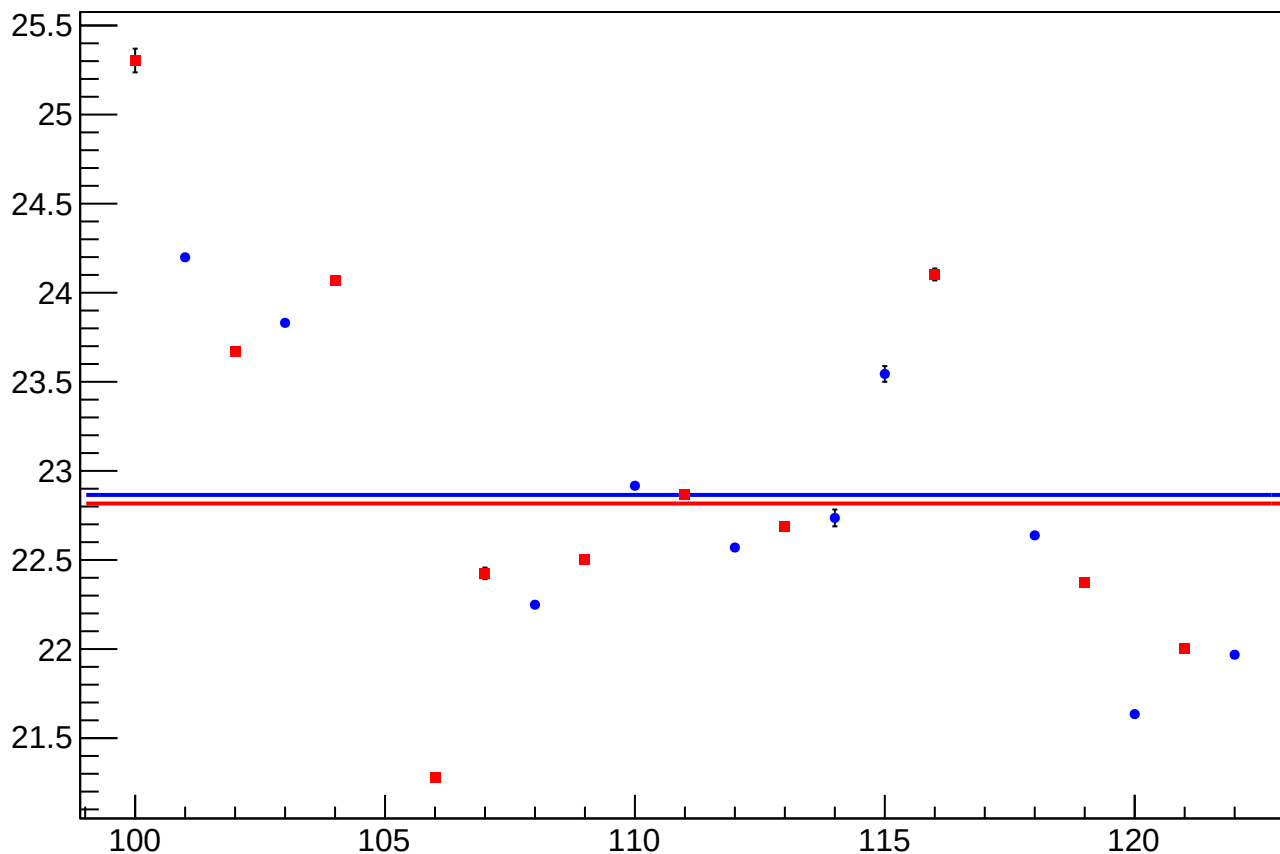
Right: 11.539+/-7.765 χ^2/NDF : 23.6/20

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_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: 22.817+/-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

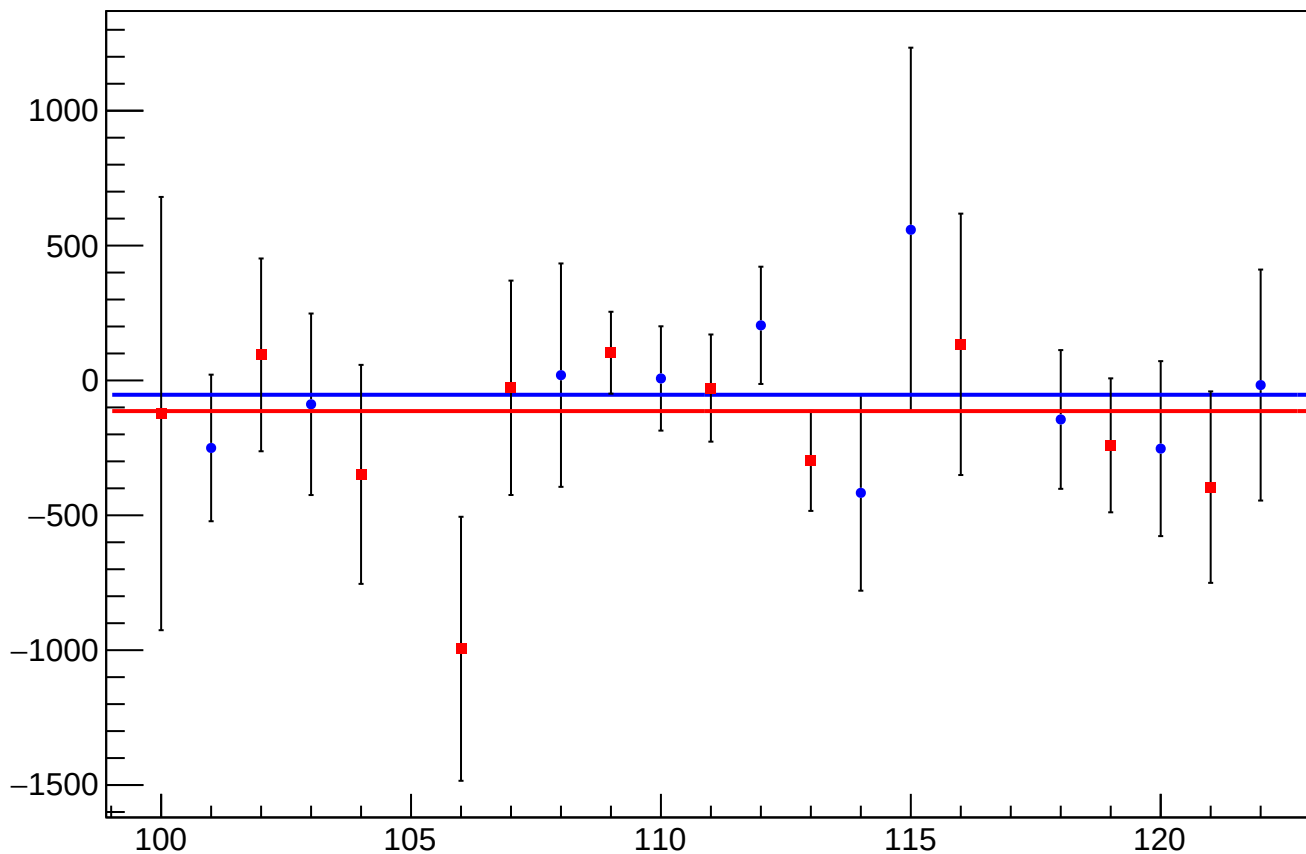
Right: 22.840+/-0.005 χ^2/NDF : 23577.4/20

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_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: -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

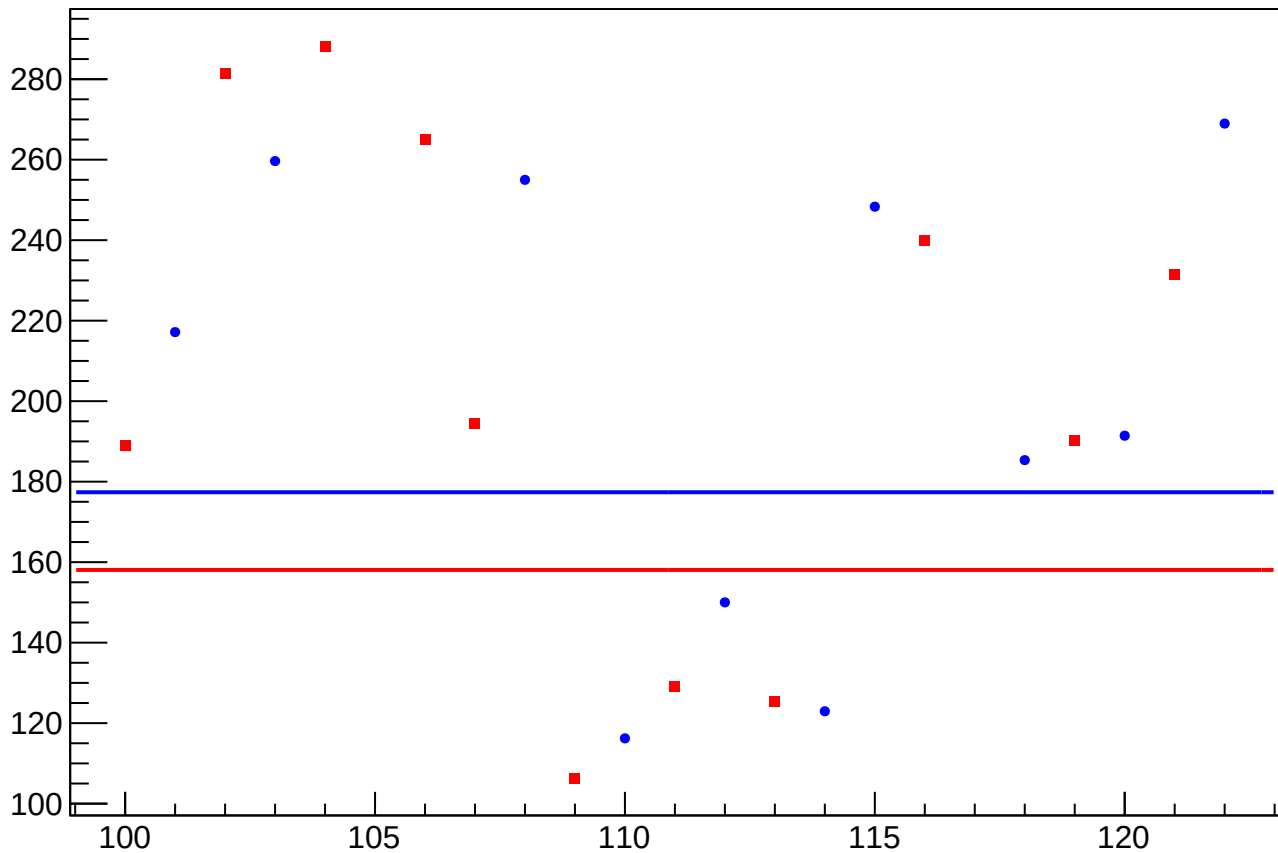
Right: -87.454+/-61.067 χ^2/NDF : 13.0/20

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_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: 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

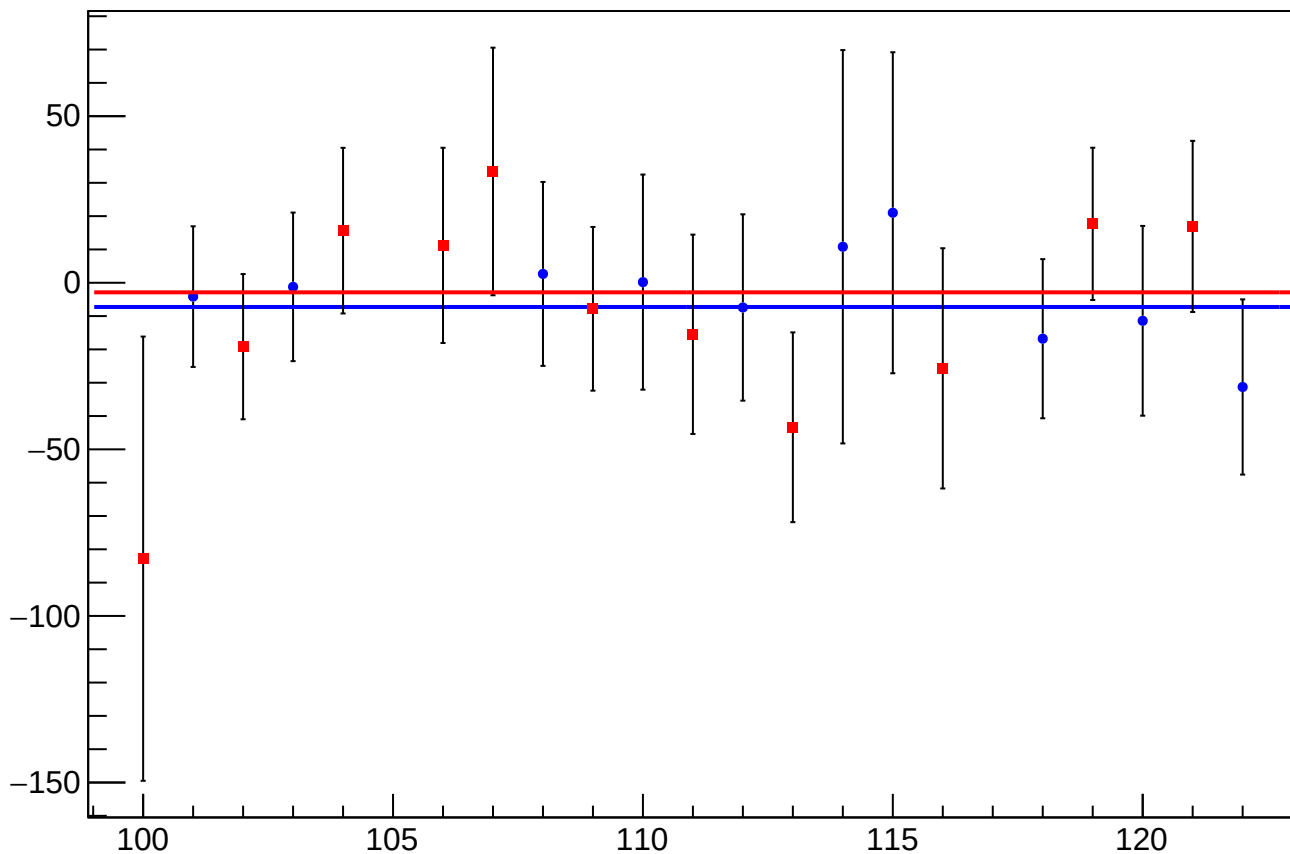
Right: 166.416+/-0.043 χ^2/NDF : 1750329.7/20

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_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: -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

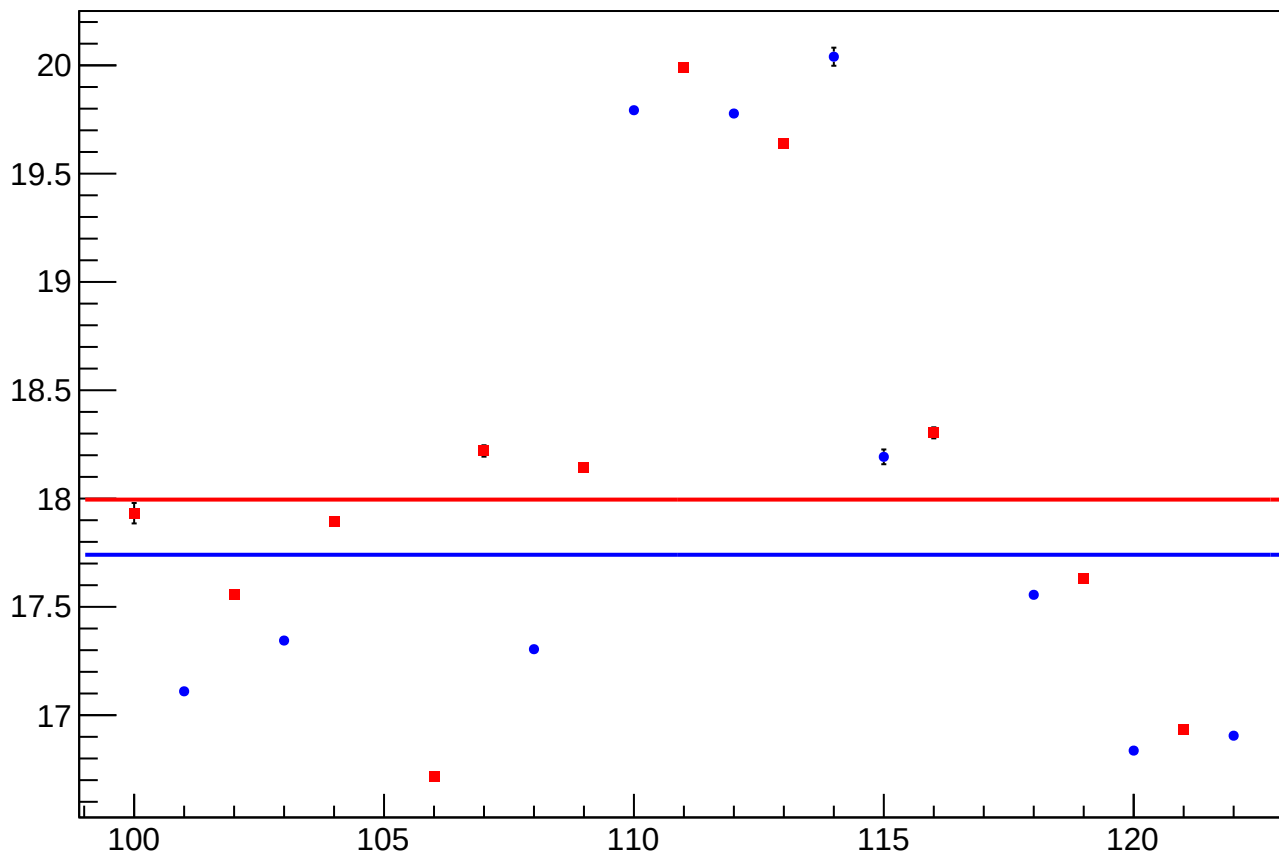
Right: -4.984+/-6.086 χ^2/NDF : 9.6/20

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_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: 17.995+/-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

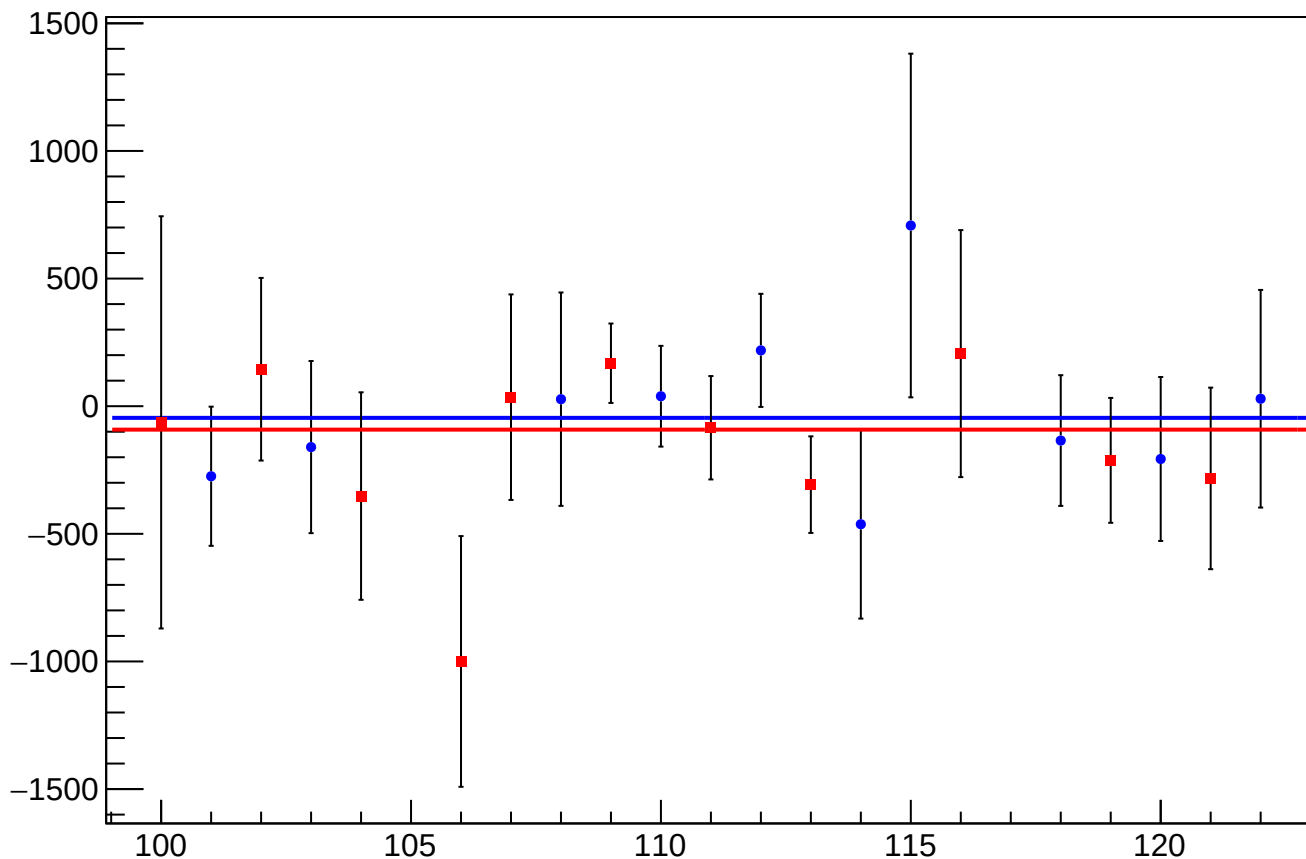
Right: 17.873+/-0.004 χ^2/NDF : 54263.6/20

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

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: -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

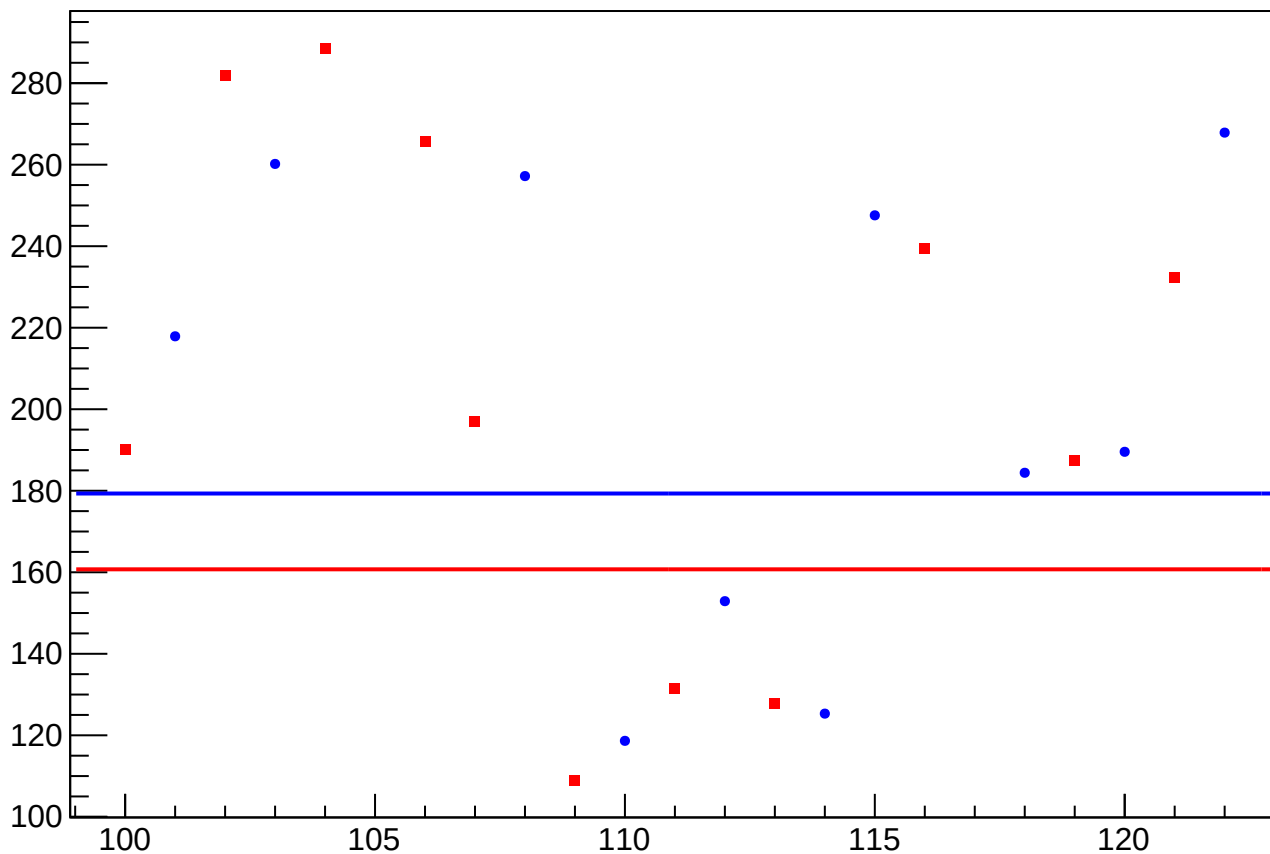
Right: -71.758+/-61.746 χ^2/NDF : 14.9/20

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_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: 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

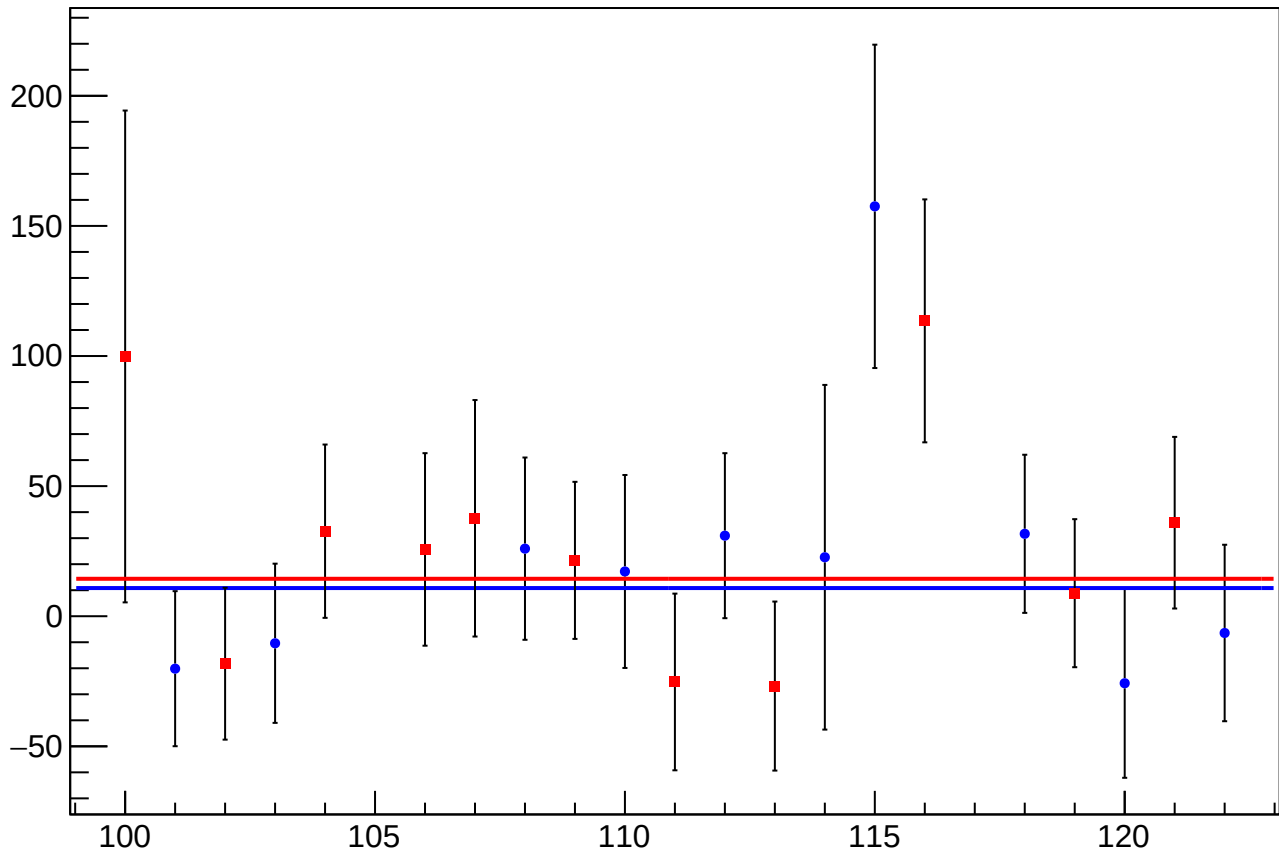
Right: 168.808+/-0.044 χ^2/NDF : 1656428.5/20

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_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: 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

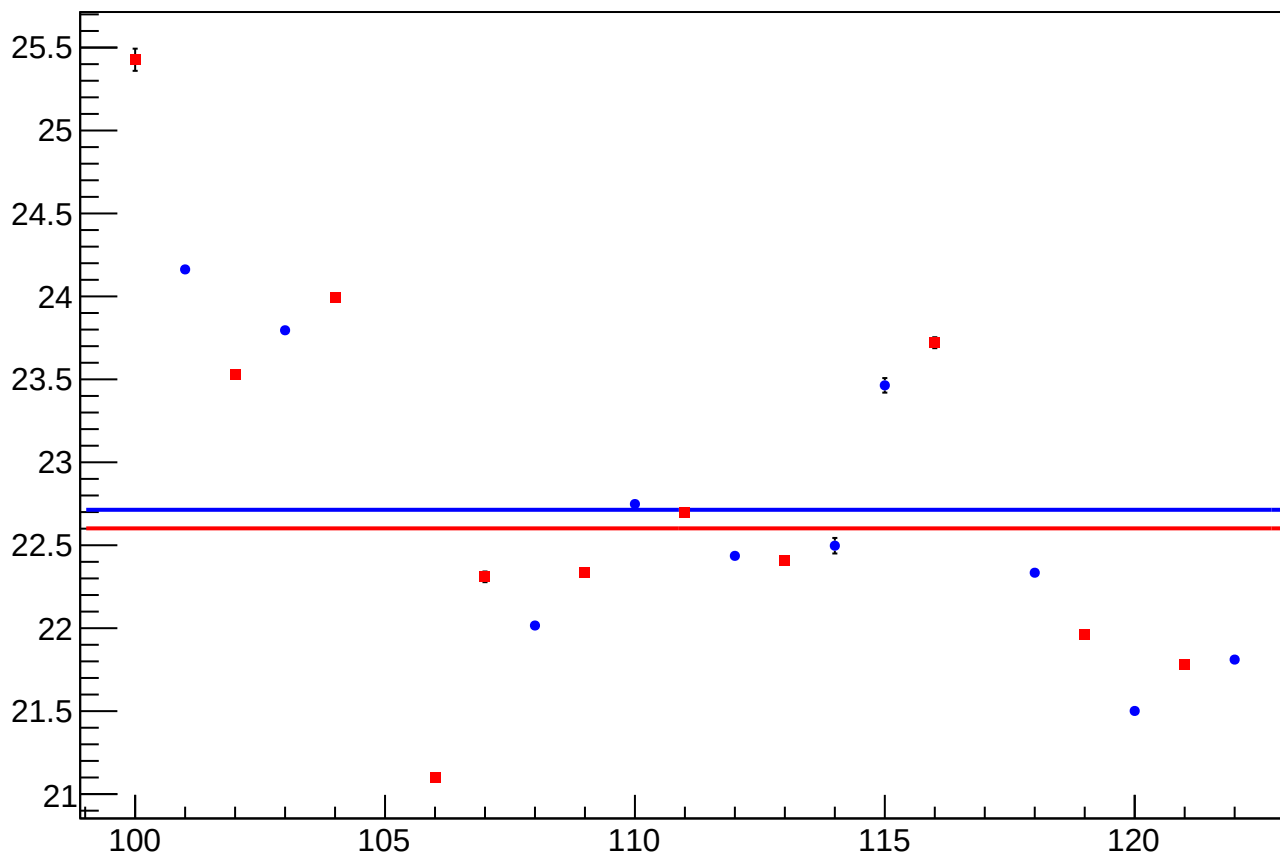
Right: 12.712+/-7.702 χ^2/NDF : 20.3/20

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_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: 22.602+/-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

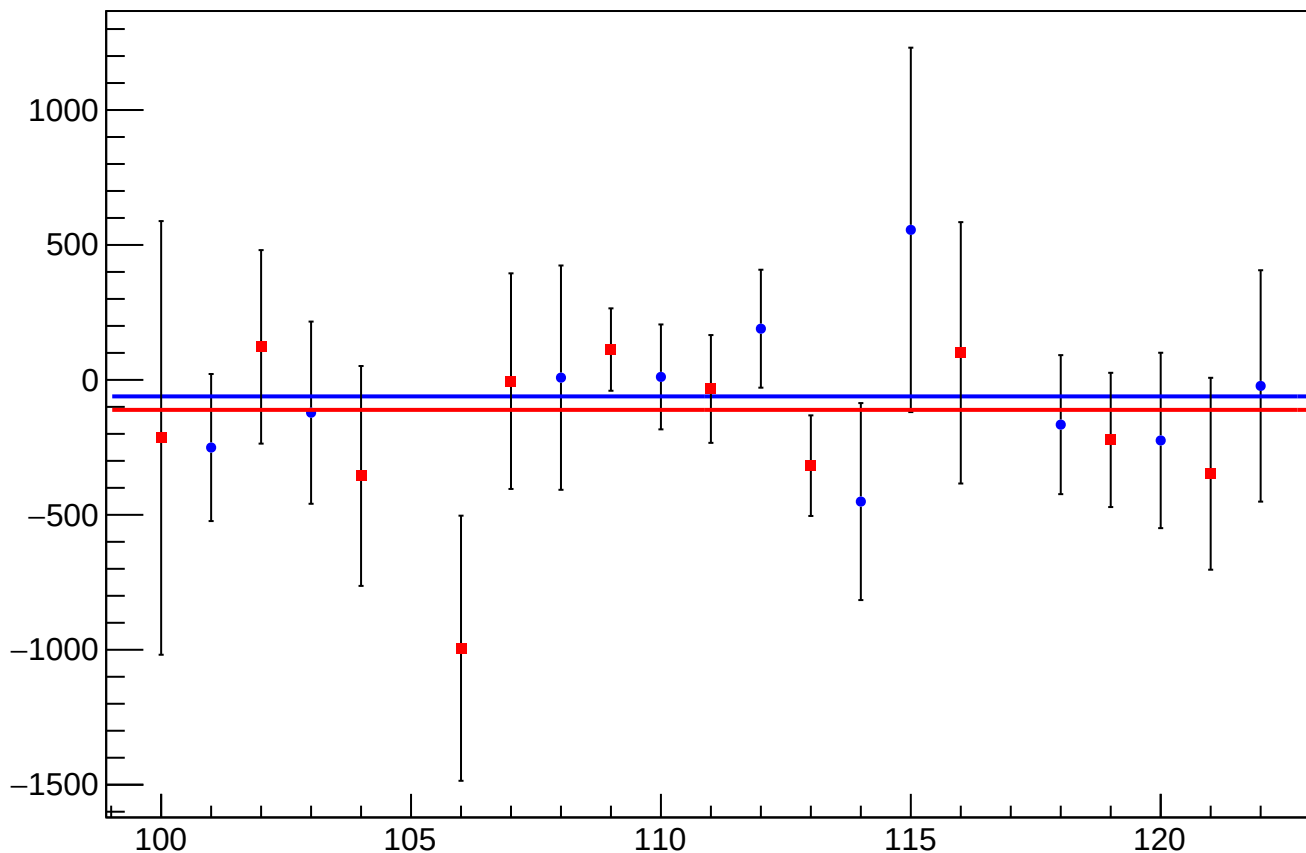
Right: 22.654+/-0.005 χ^2/NDF : 26862.3/20

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_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: -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

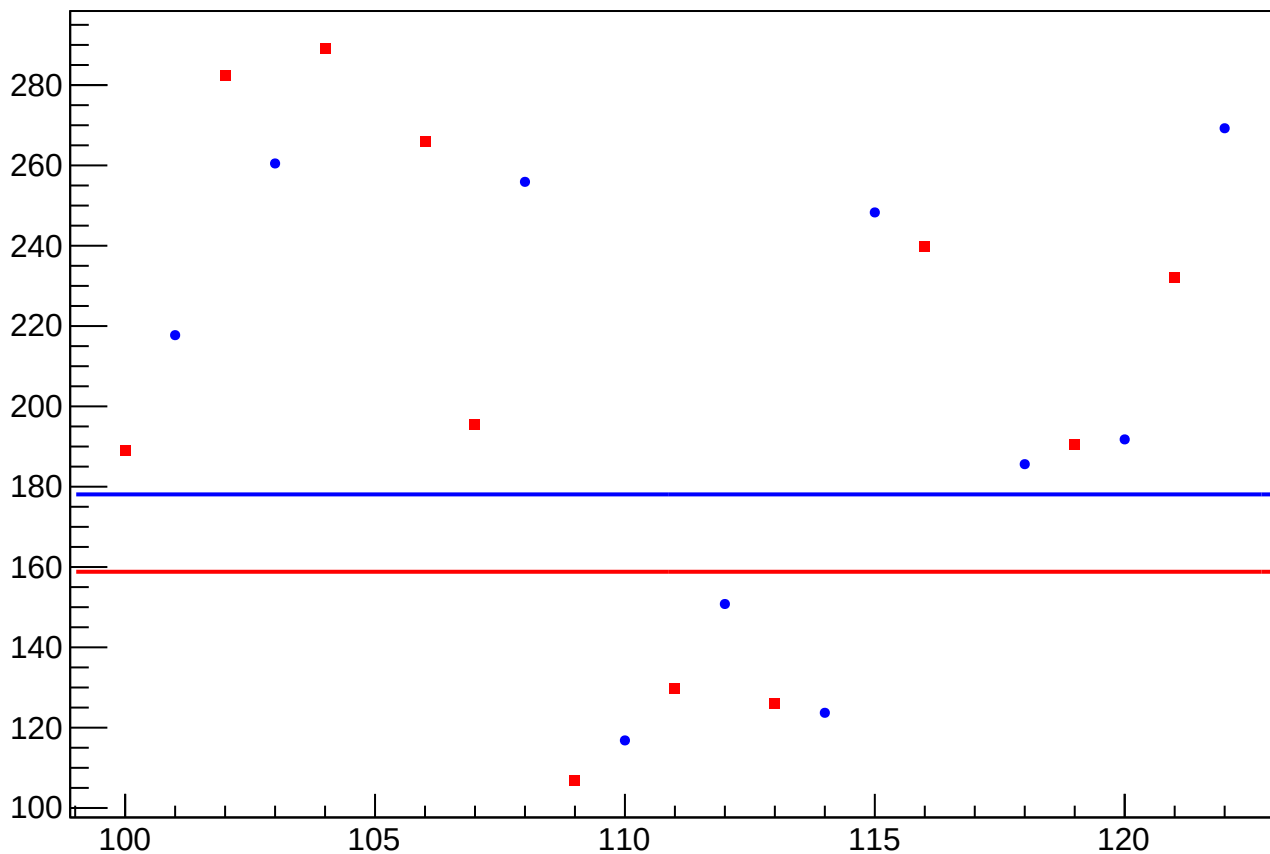
Right: -89.480+/-61.312 χ^2/NDF : 13.0/20

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_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: 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

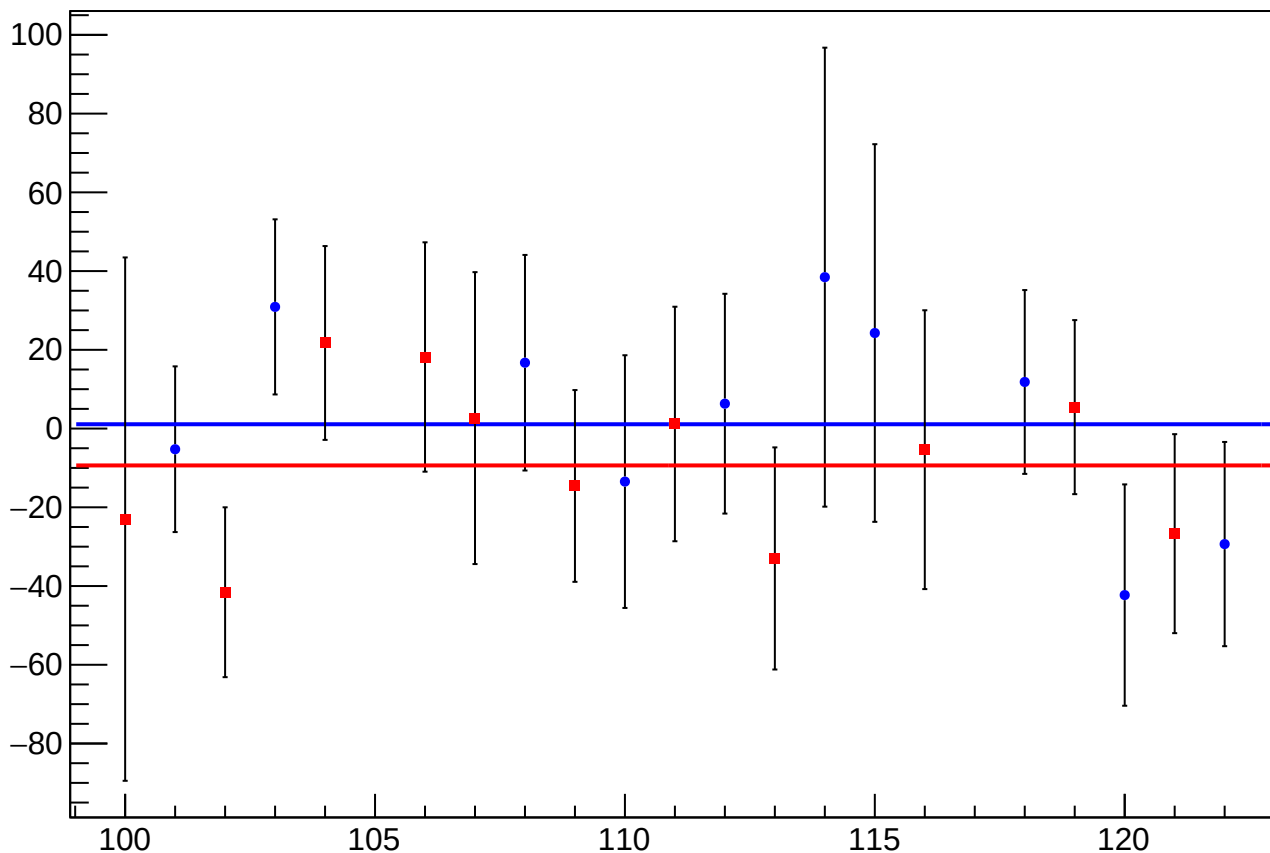
Right: 167.157+/-0.043 χ^2/NDF : 1737344.0/20

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

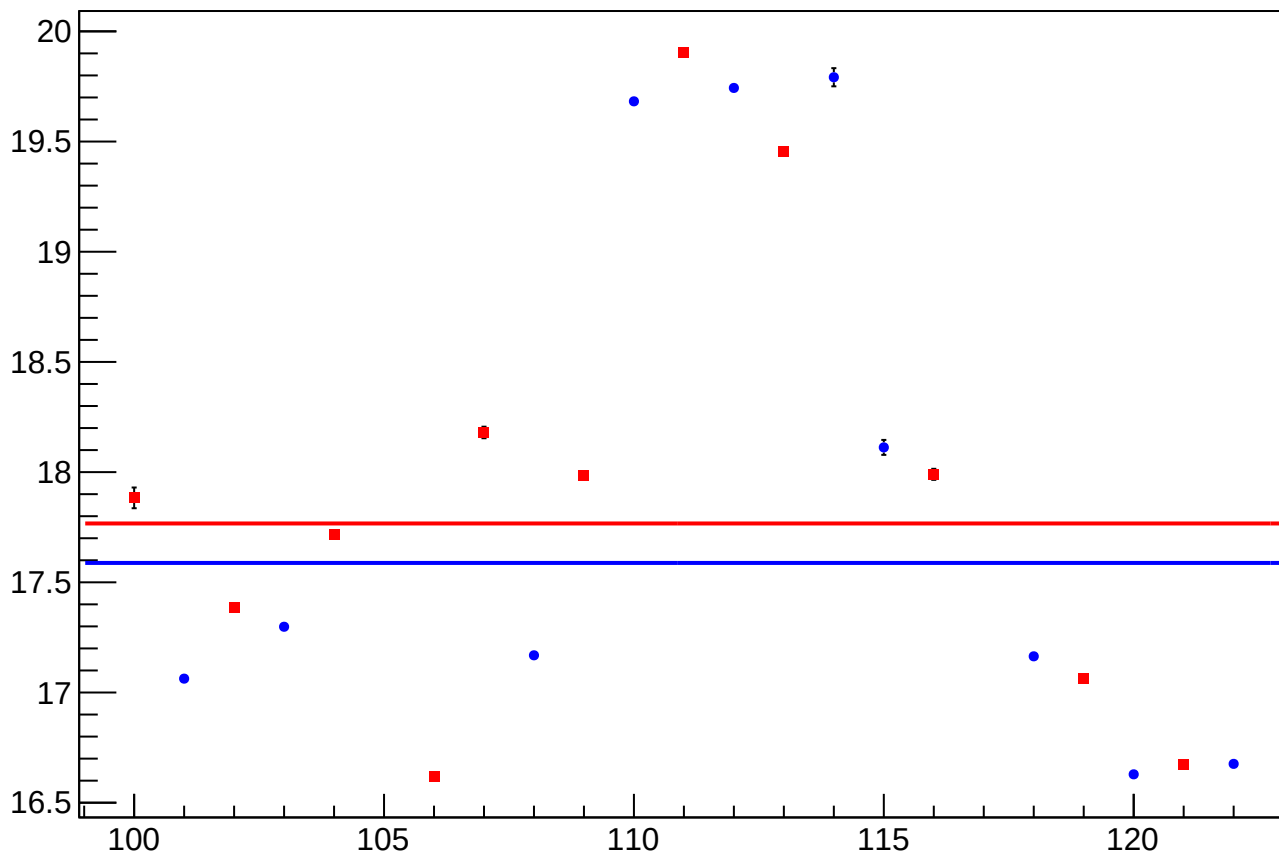
asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



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: -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_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: 17.767+/-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

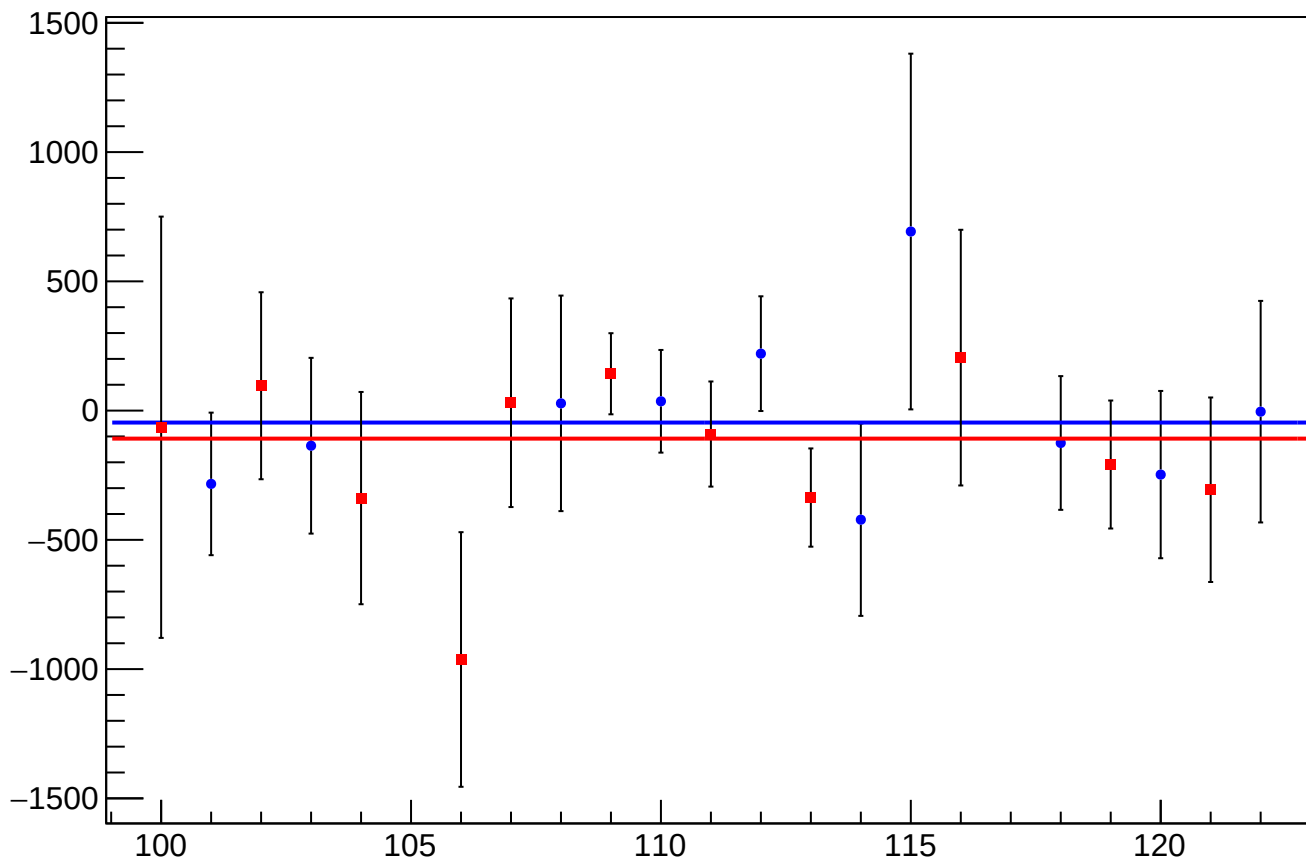
Right: 17.681+/-0.004 χ^2/NDF : 58946.6/20

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_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: -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

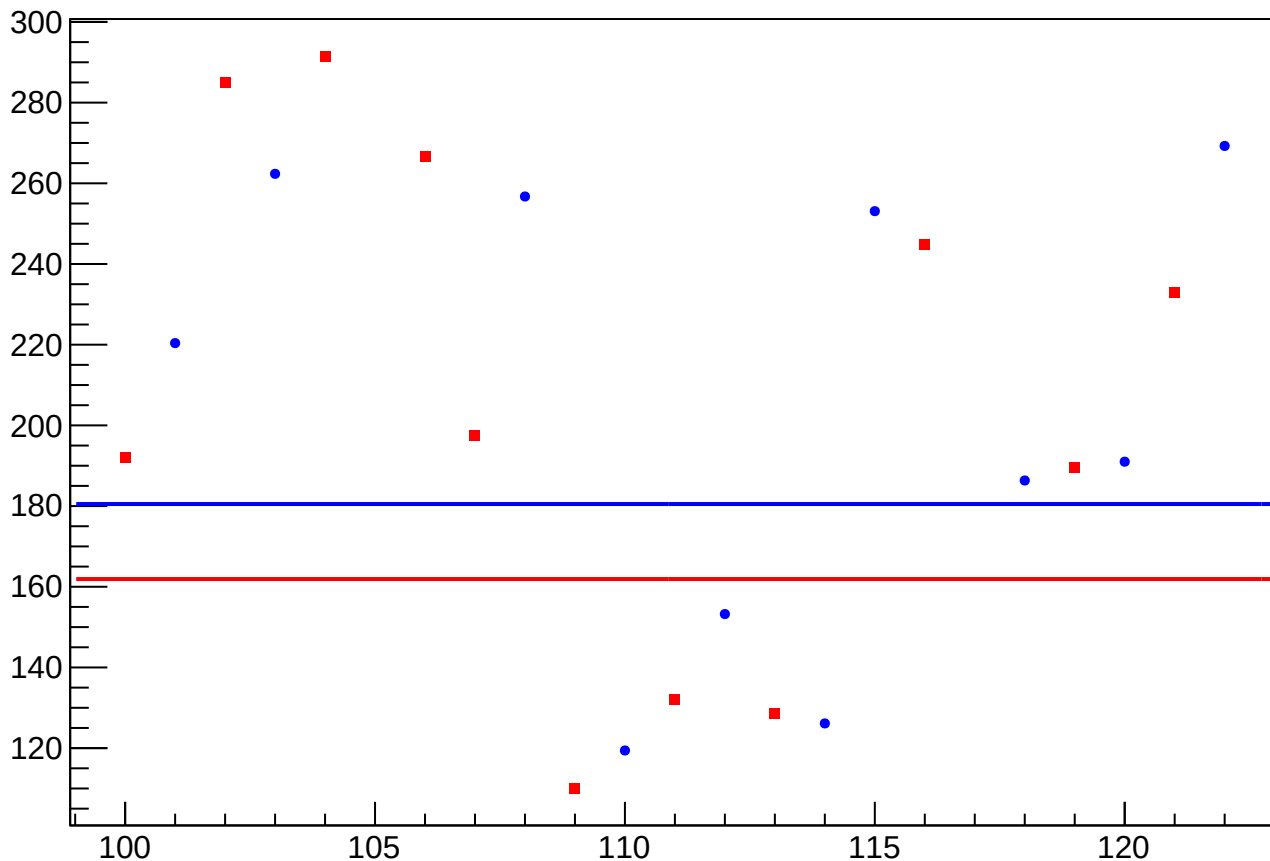
Right: -81.347 ± 62.181 χ^2/NDF : 14.0/20

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_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: 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

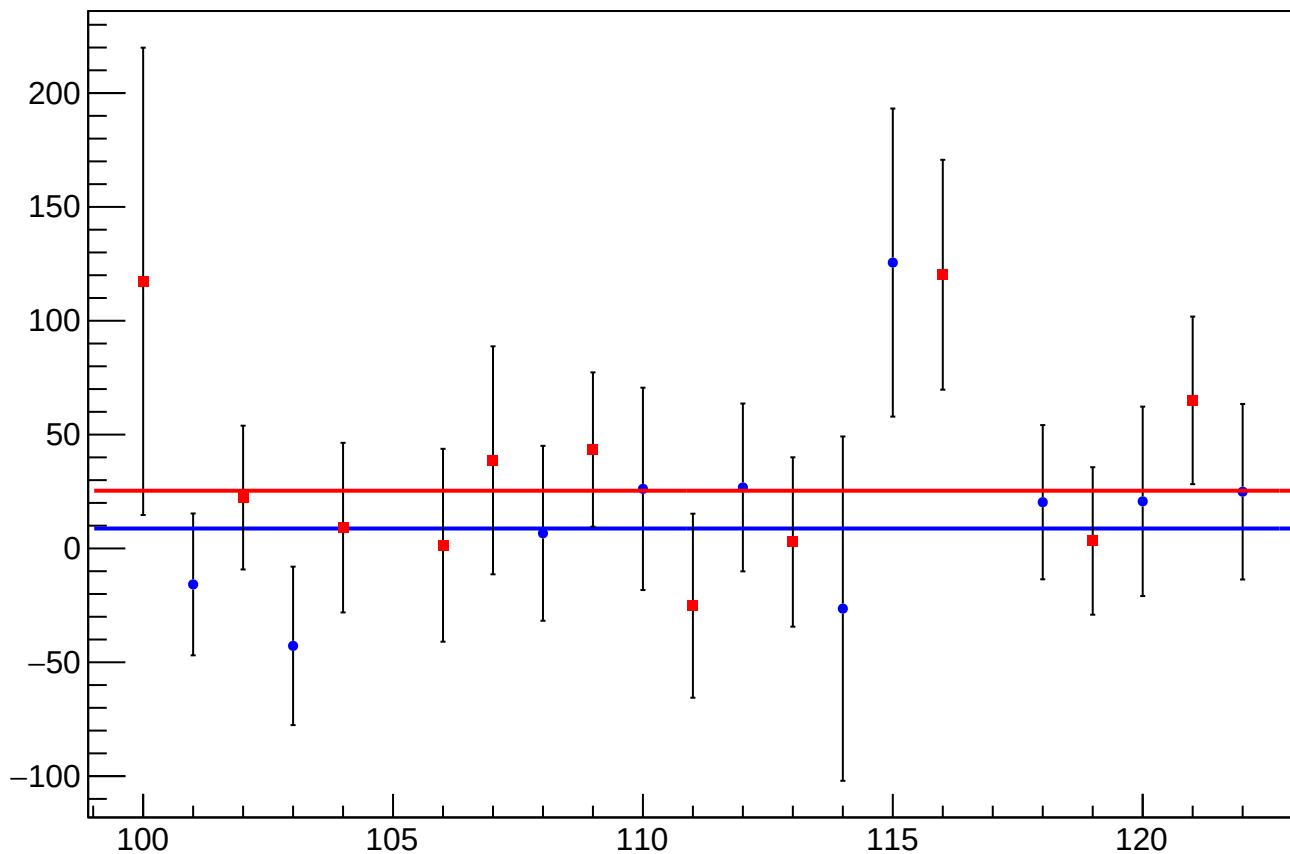
Right: 170.003+/-0.044 χ^2/NDF : 1664610.5/20

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_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: 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

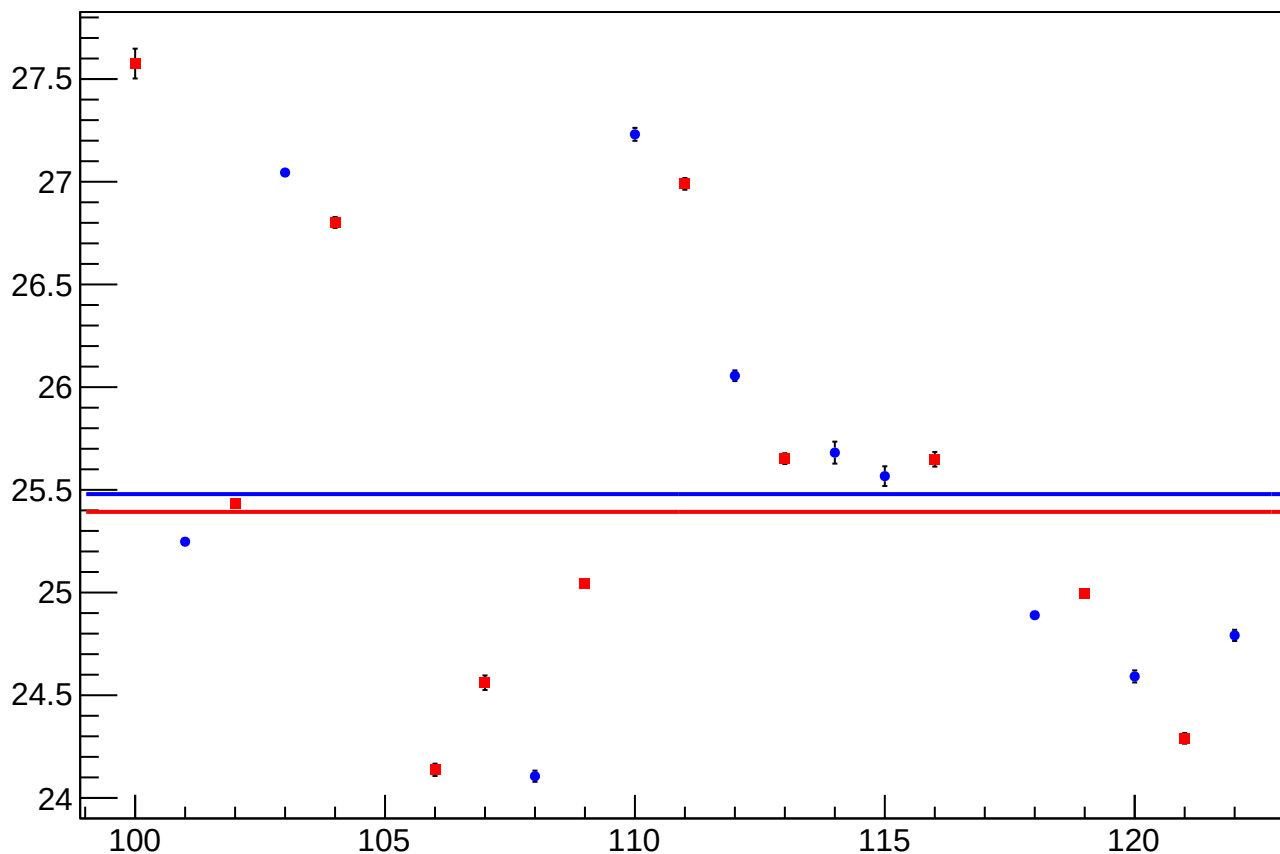
Right: 17.535+/-8.652 χ^2/NDF : 16.5/20

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_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: 25.393+/-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

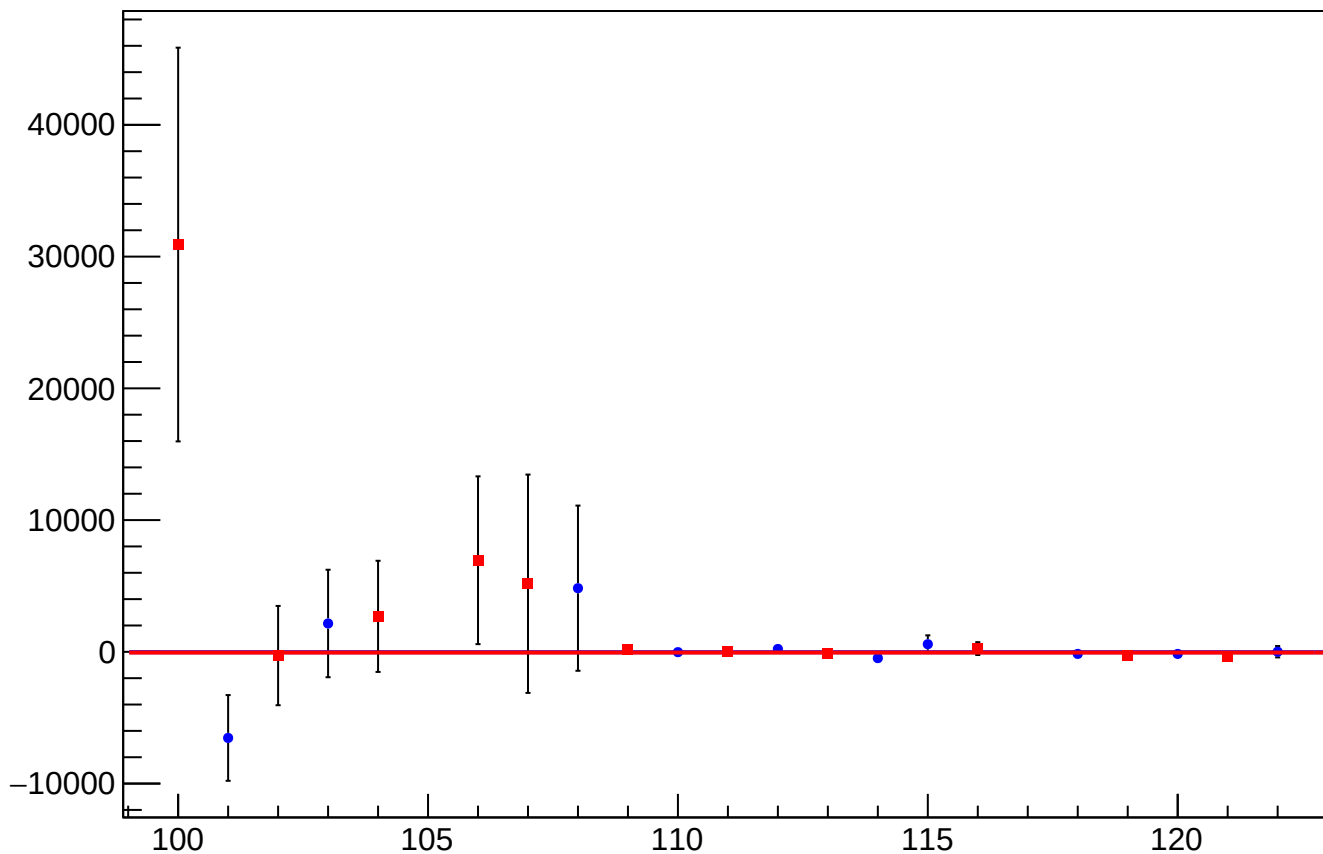
Right: 25.433+/-0.006 χ^2/NDF : 24196.2/20

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_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -28.696 $\pm$ 107.577 χ^2 /NDF: 8.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -54.381 $\pm$ 98.030 χ^2 /NDF: 10.0/10

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

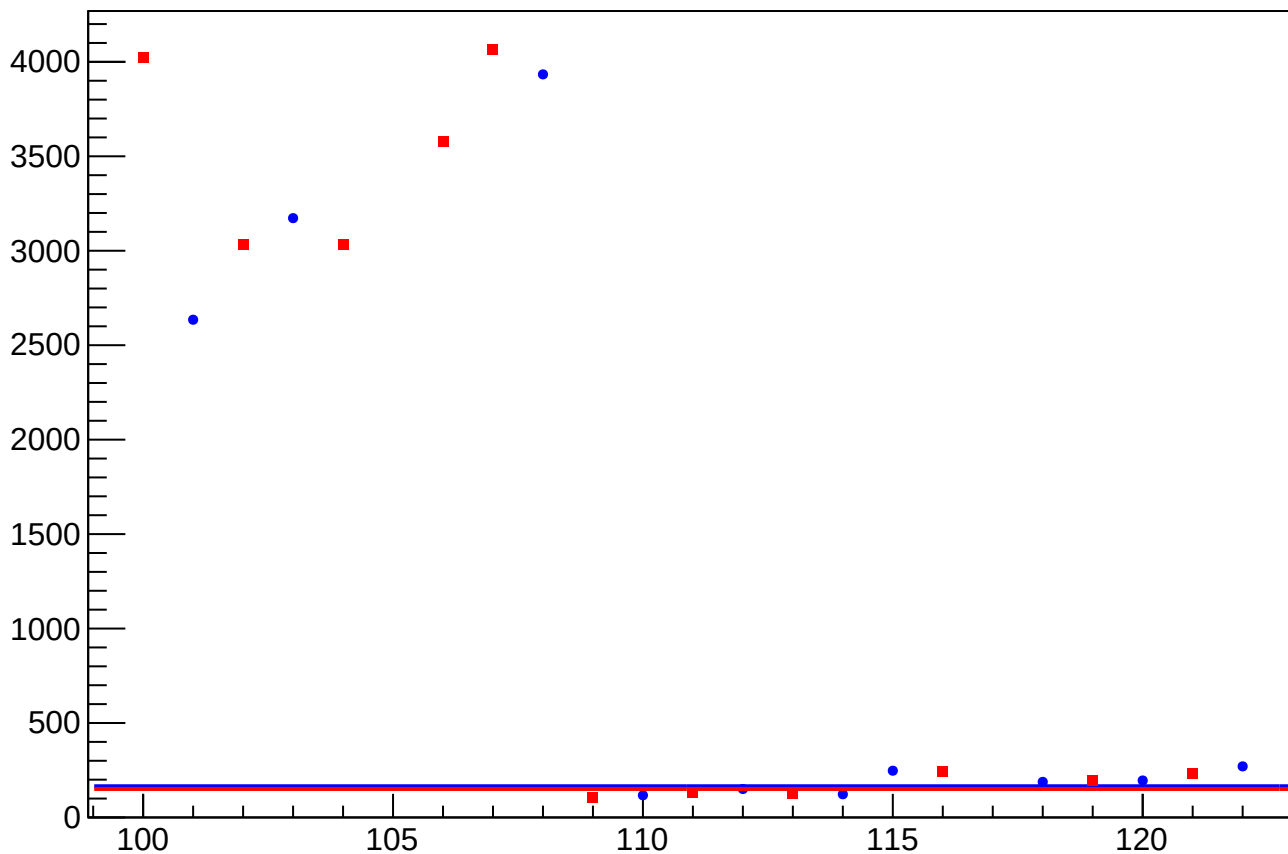
Right: -42.729 $\pm$ 72.458 χ^2 /NDF: 19.0/20

In: -28.696 $\pm$ 107.577 χ^2 /NDF:8.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.729 $\pm$ 72.458 χ^2 /NDF: 19.0/20

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: 150.871+/-0.069 χ^2/NDF : 3648355.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

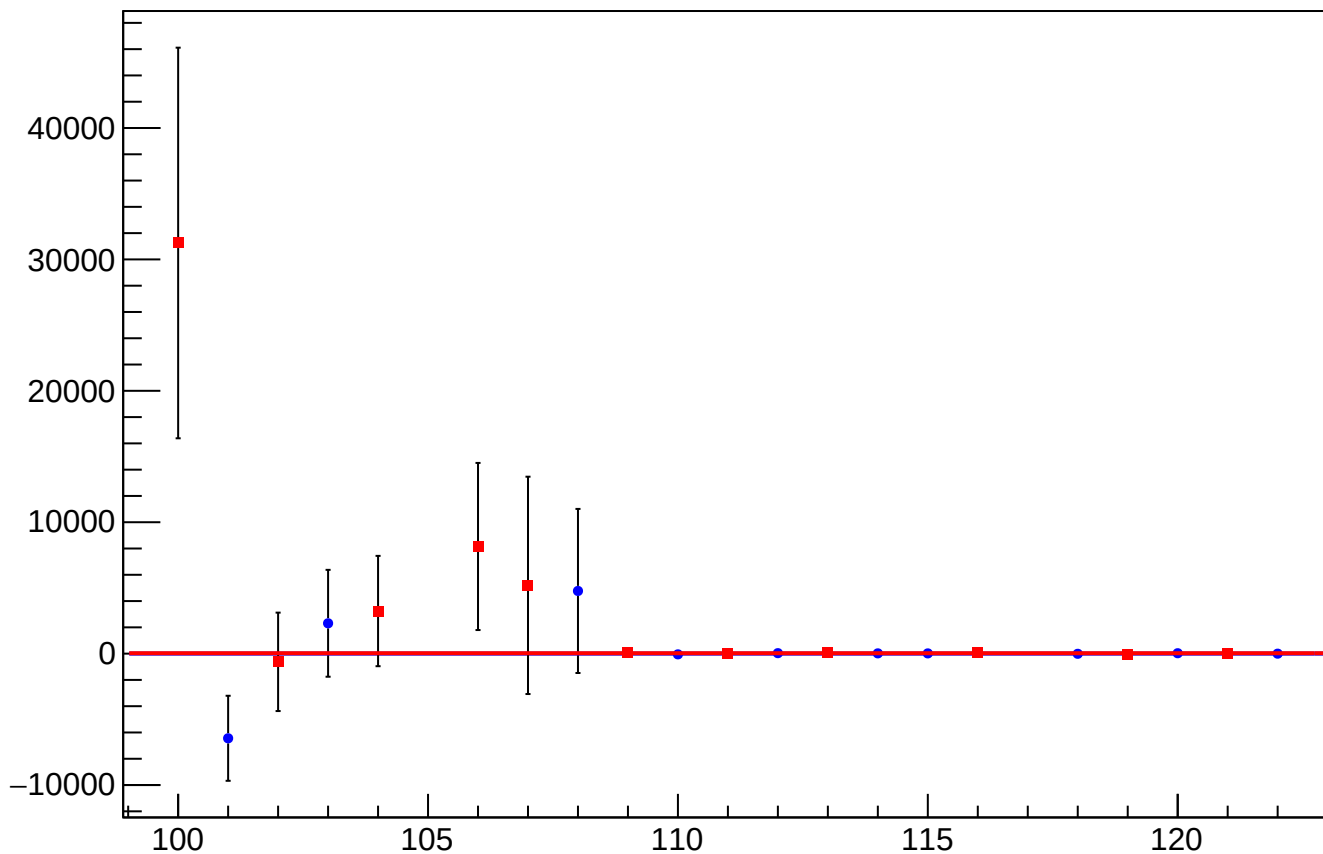
Right: 157.338+/-0.051 χ^2/NDF : 6967469.6/20

In: 165.126+/-0.076 χ^2/NDF : 3299928.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.338+/-0.051 χ^2/NDF : 6967469.6/20

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: 31.208+/-17.527 χ^2/NDF : 19.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

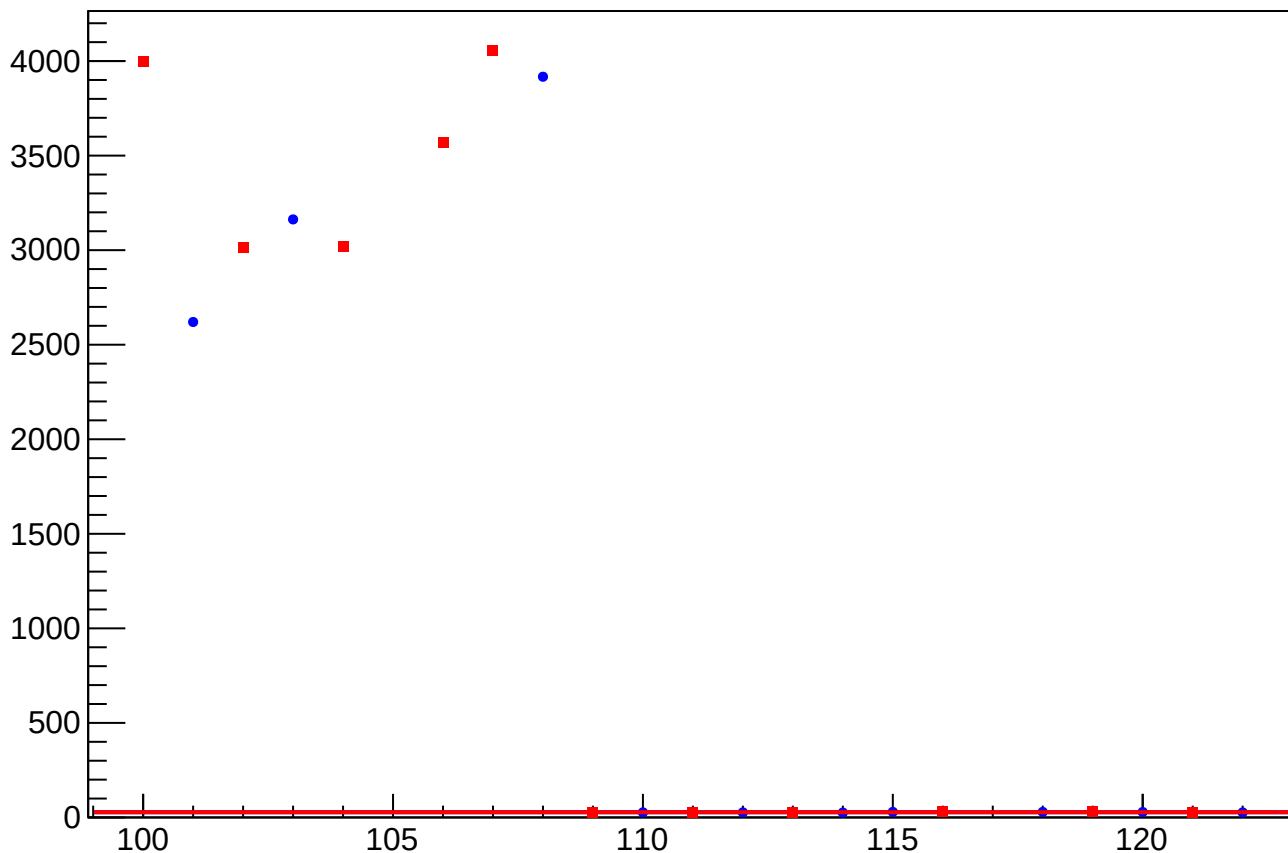
Right: 16.633+/-12.443 χ^2/NDF : 28.8/20

In: 1.819+/-17.669 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.633+/-12.443 χ^2/NDF : 28.8/20

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: 27.728+/-0.012 χ^2/NDF : 3549397.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

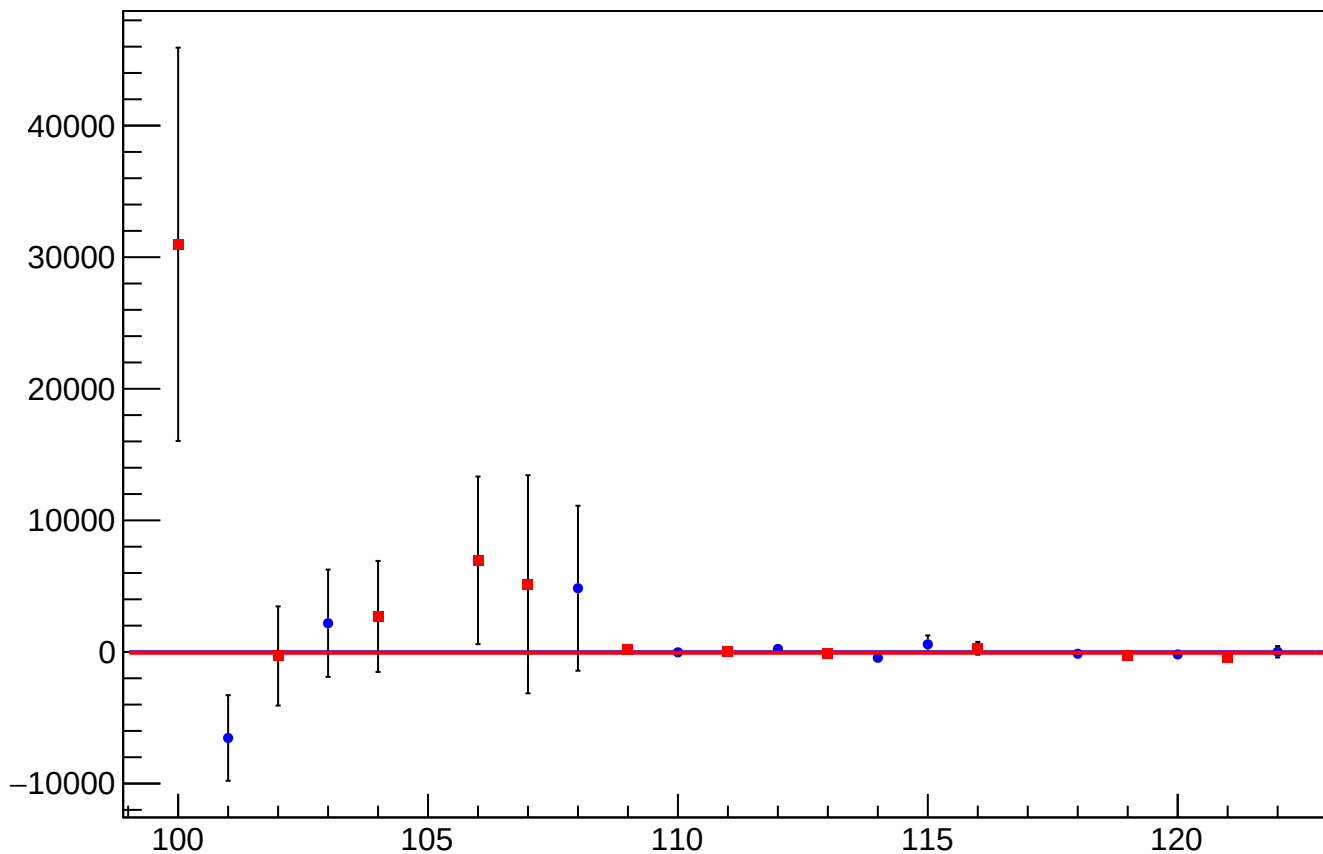
Right: 27.719+/-0.009 χ^2/NDF : 6807813.9/20

In: 27.711+/-0.012 χ^2/NDF : 3258415.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.719+/-0.009 χ^2/NDF : 6807813.9/20

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: -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

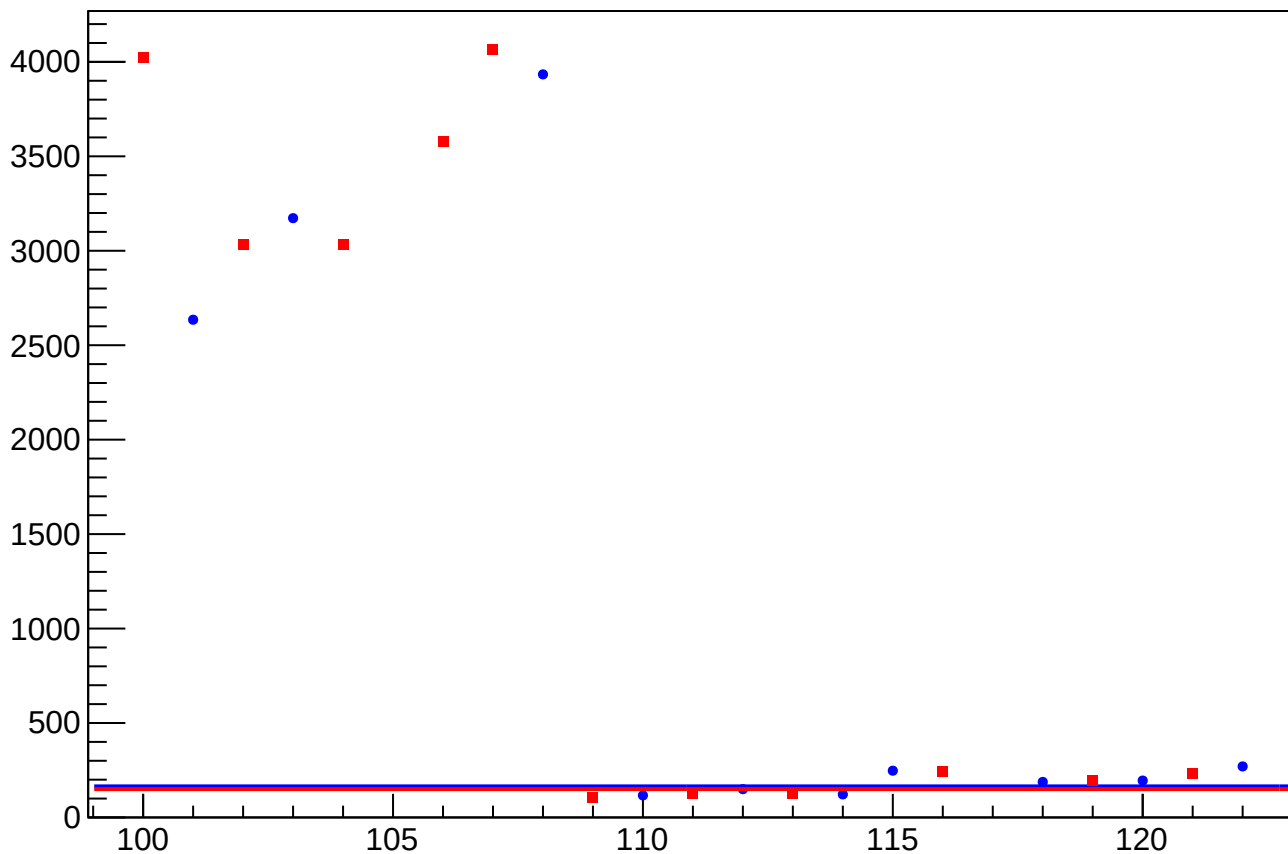
Right: -40.701 $\pm$ 72.165 χ^2 /NDF: 19.2/20

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_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: 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

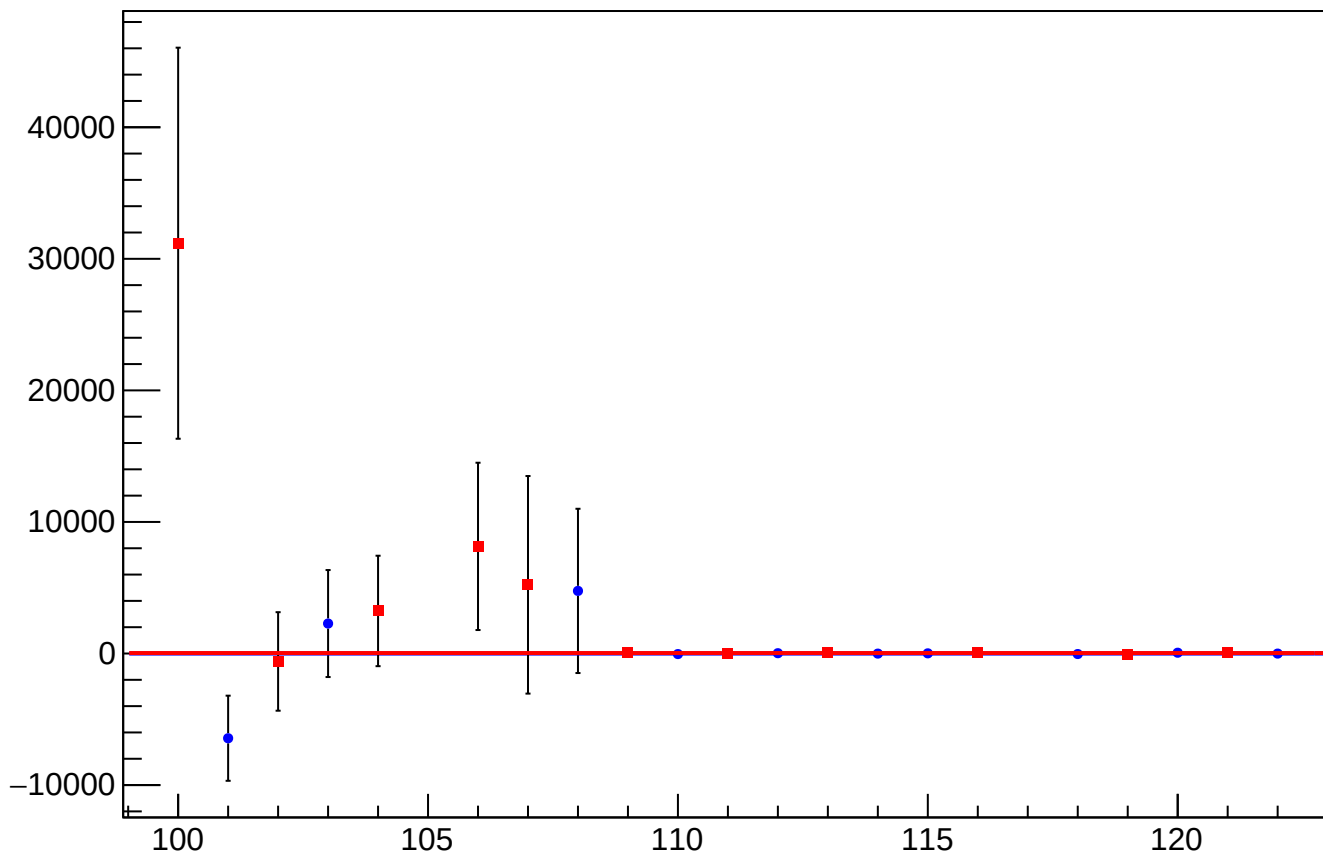
Right: 156.597+/-0.051 χ^2/NDF : 6979537.6/20

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_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.547 $\pm$ 17.754 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.532 $\pm$ 17.645 χ^2 /NDF: 15.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

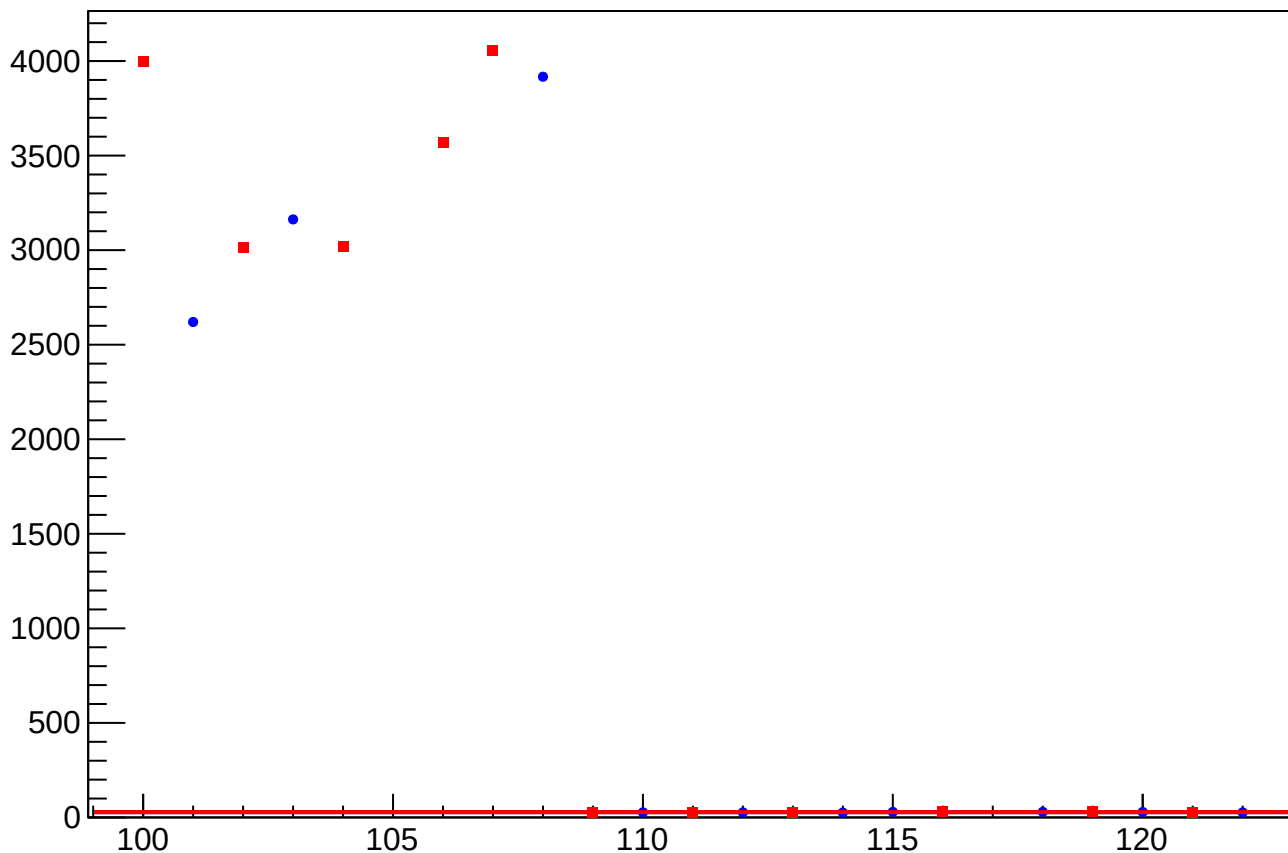
Right: 16.610 $\pm$ 12.516 χ^2 /NDF: 26.9/20

In: -2.547 $\pm$ 17.754 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.610 $\pm$ 12.516 χ^2 /NDF: 26.9/20

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: 27.910+/-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

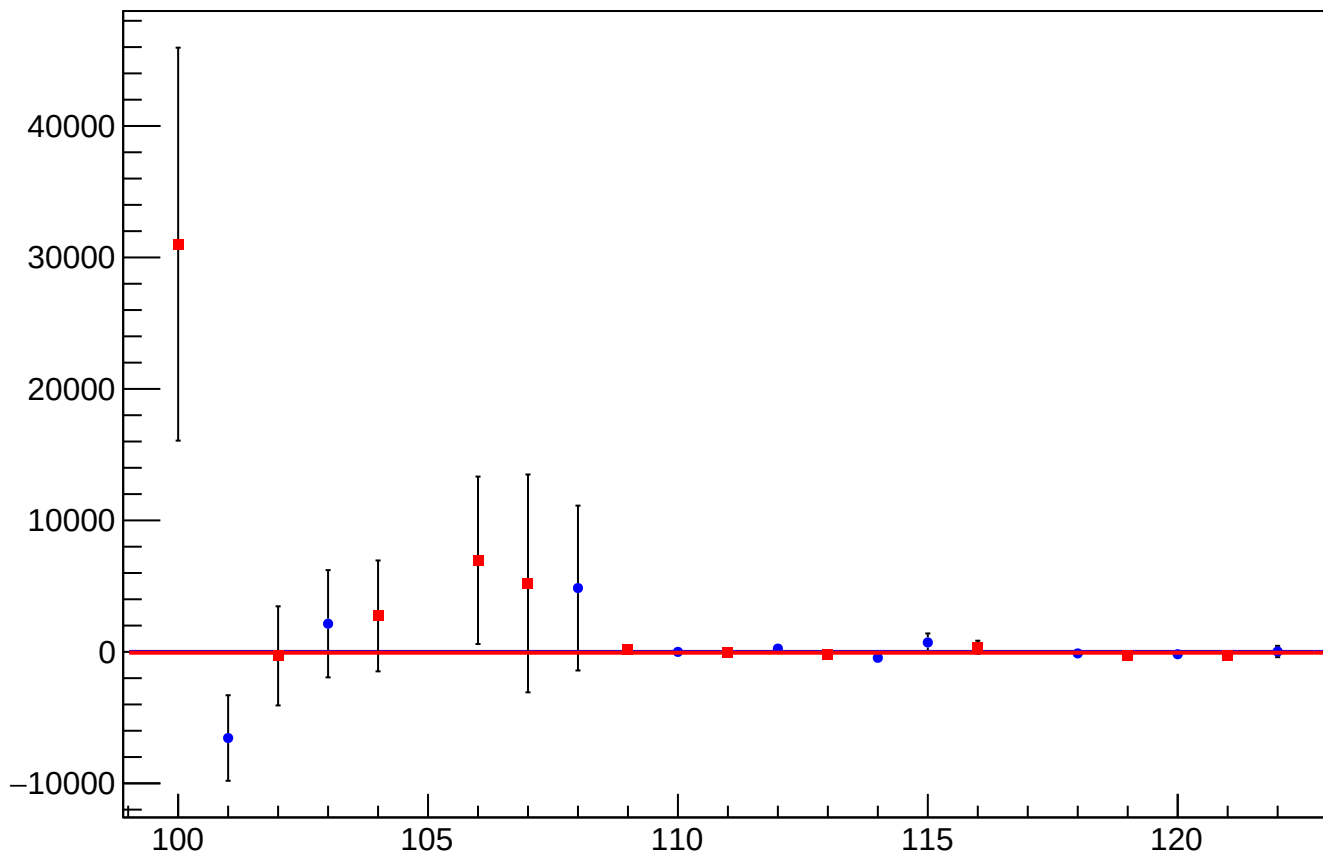
Right: 27.875+/-0.009 χ^2/NDF : 6810219.2/20

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_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: -64.199+/-99.352 χ^2/NDF : 10.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

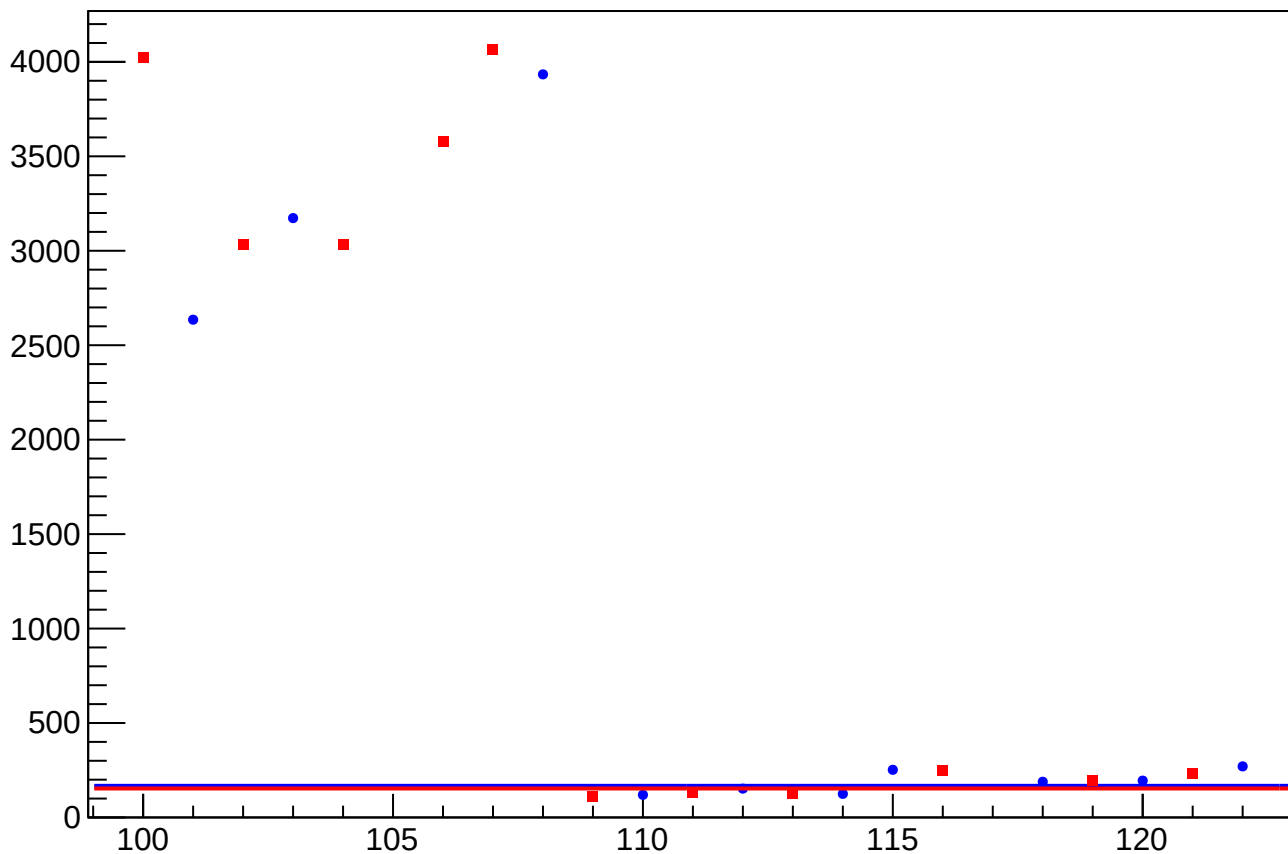
Right: -36.766+/-73.362 χ^2/NDF : 19.6/20

In: -3.875+/-108.787 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.766+/-73.362 χ^2/NDF : 19.6/20

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: 153.322+/-0.070 χ^2/NDF : 3626972.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

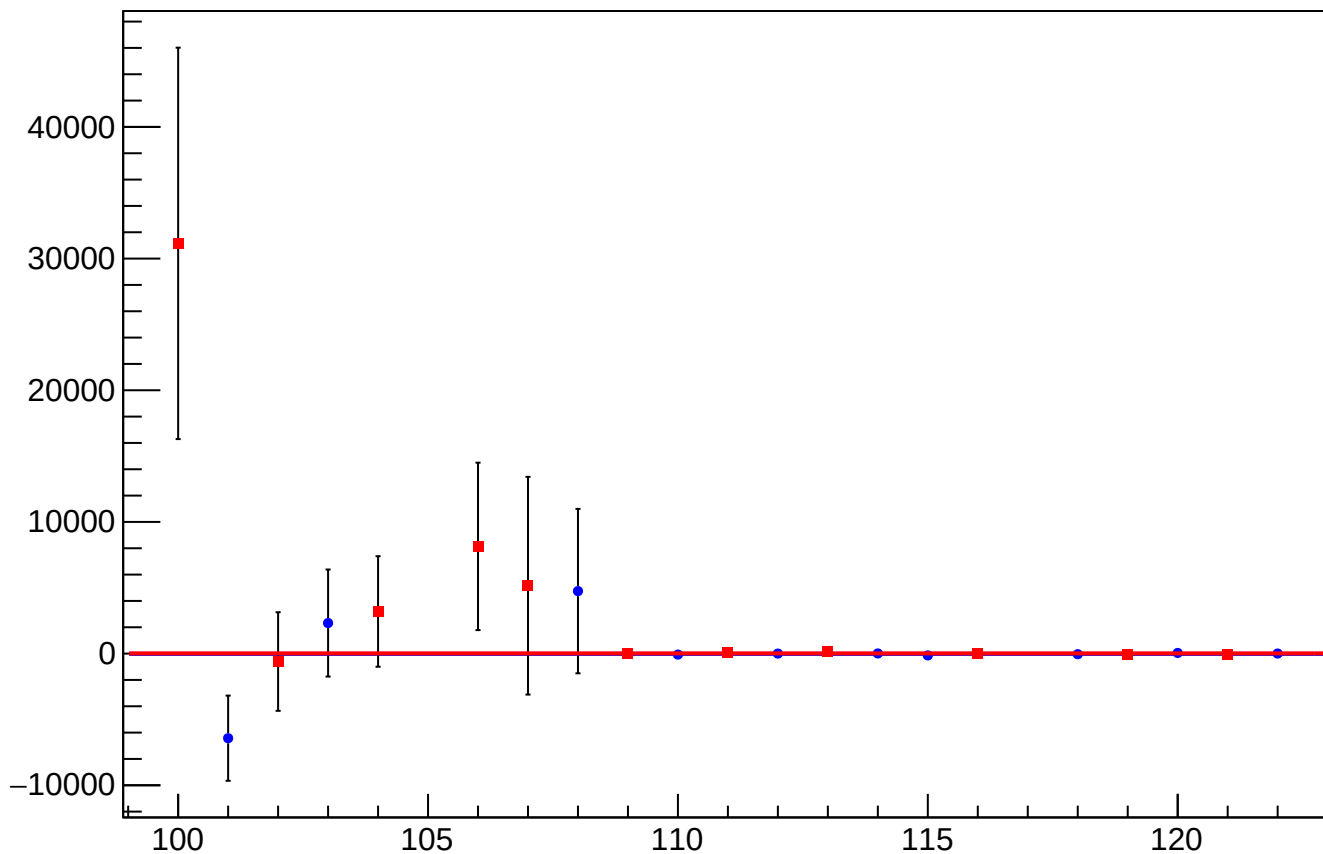
Right: 159.712+/-0.052 χ^2/NDF : 6925061.8/20

In: 167.374+/-0.077 χ^2/NDF : 3279894.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.712+/-0.052 χ^2/NDF : 6925061.8/20

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -20.634 $\pm$ 21.649 χ^2 /NDF: 9.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.374 $\pm$ 21.436 χ^2 /NDF: 19.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

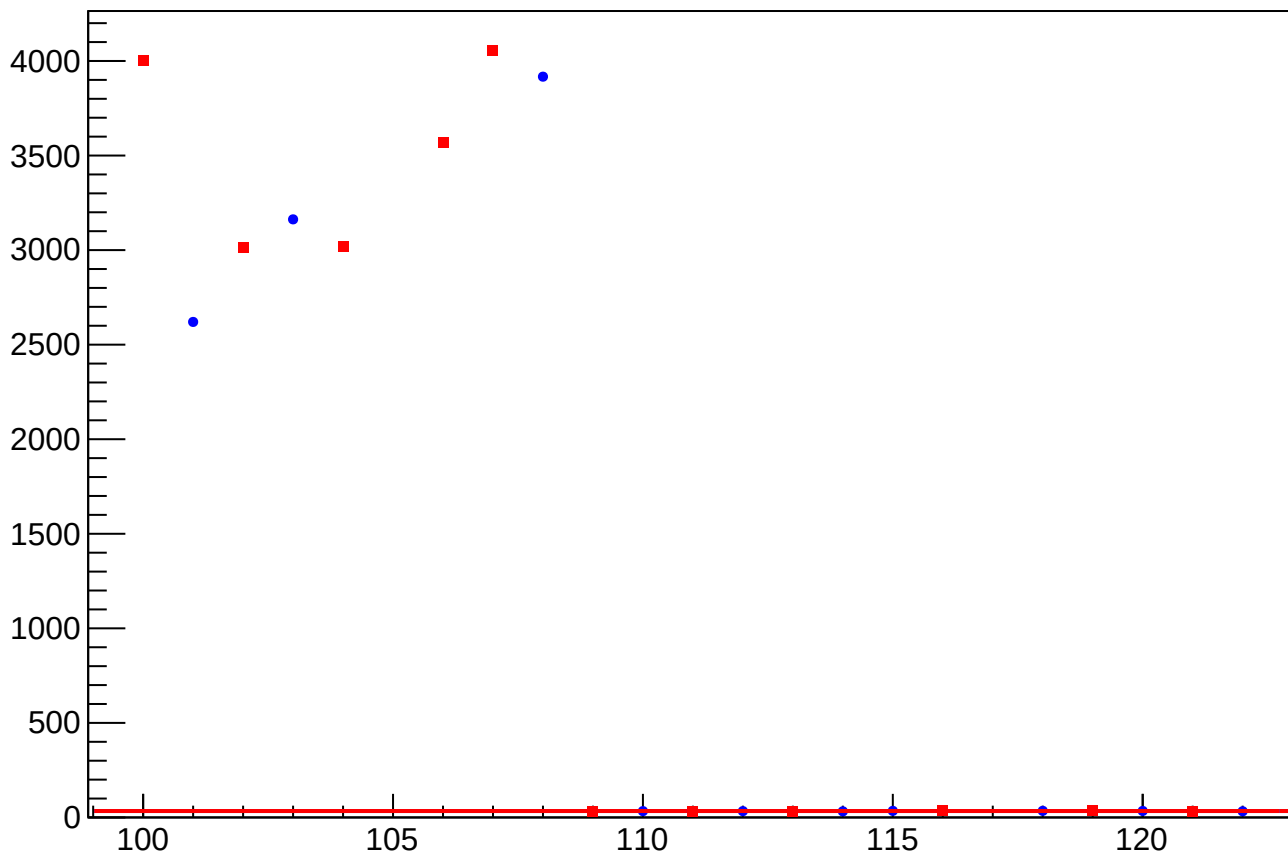
Right: -1.947 $\pm$ 15.233 χ^2 /NDF: 30.8/20

In: -20.634 $\pm$ 21.649 χ^2 /NDF:9.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.947 $\pm$ 15.233 χ^2 /NDF: 30.8/20

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: 34.015+/-0.015 χ^2/NDF : 3523607.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

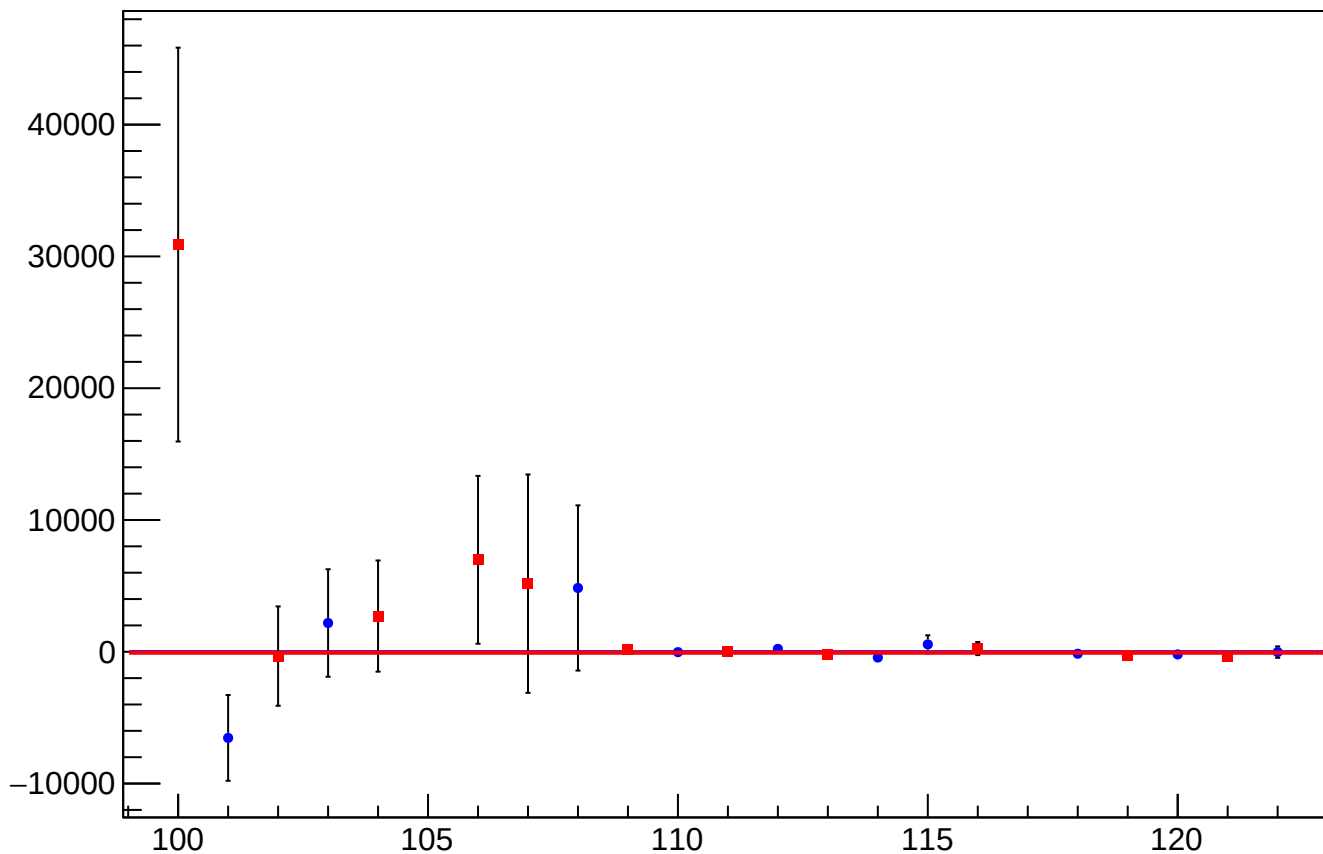
Right: 34.026+/-0.011 χ^2/NDF : 6762618.9/20

In: 34.037+/-0.015 χ^2/NDF : 3239010.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.026+/-0.011 χ^2/NDF : 6762618.9/20

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: -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

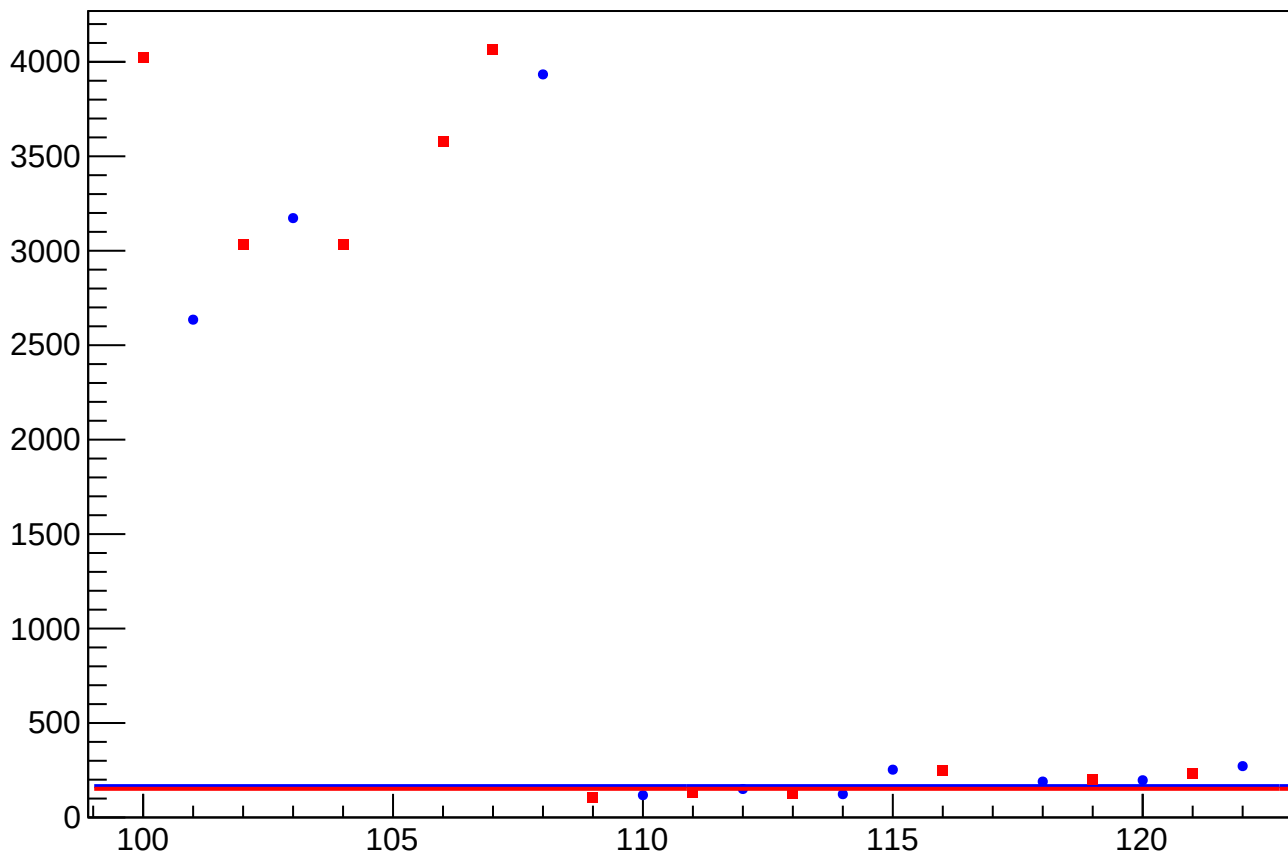
Right: -53.055+/-72.818 χ^2/NDF : 18.7/20

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_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: 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

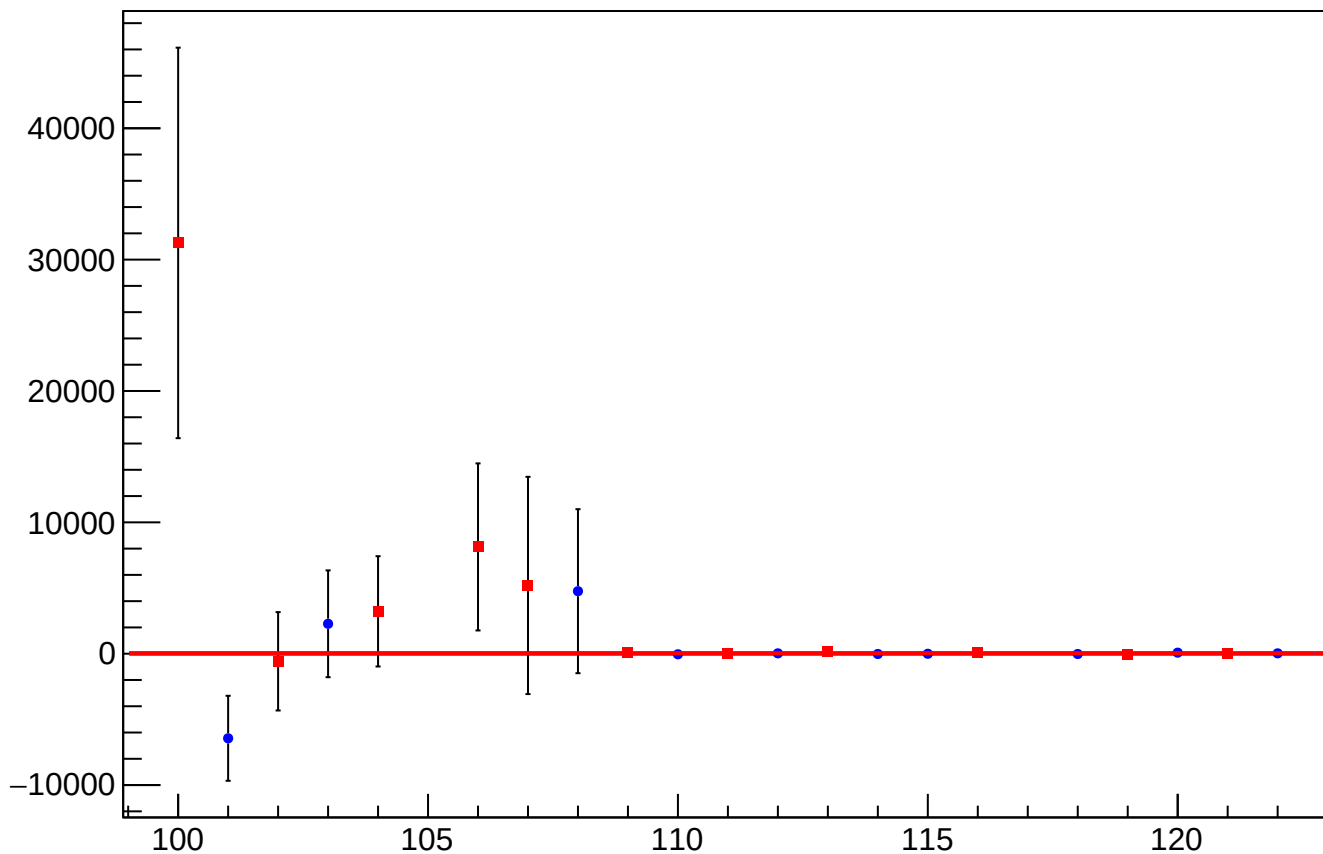
Right: 158.089+/-0.051 χ^2/NDF : 6975086.3/20

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_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: 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

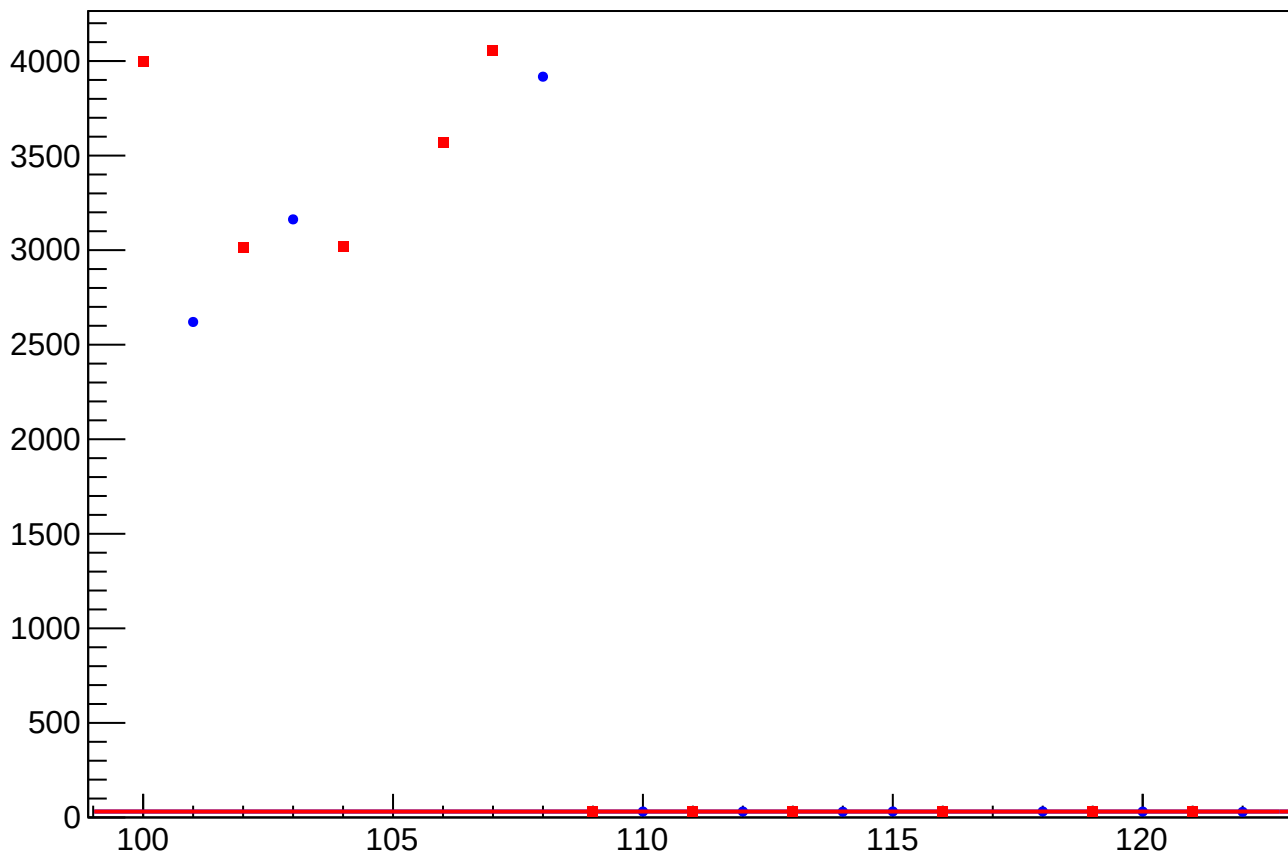
Right: 24.643+/-14.014 χ^2/NDF : 29.8/20

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_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: 31.283+/-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

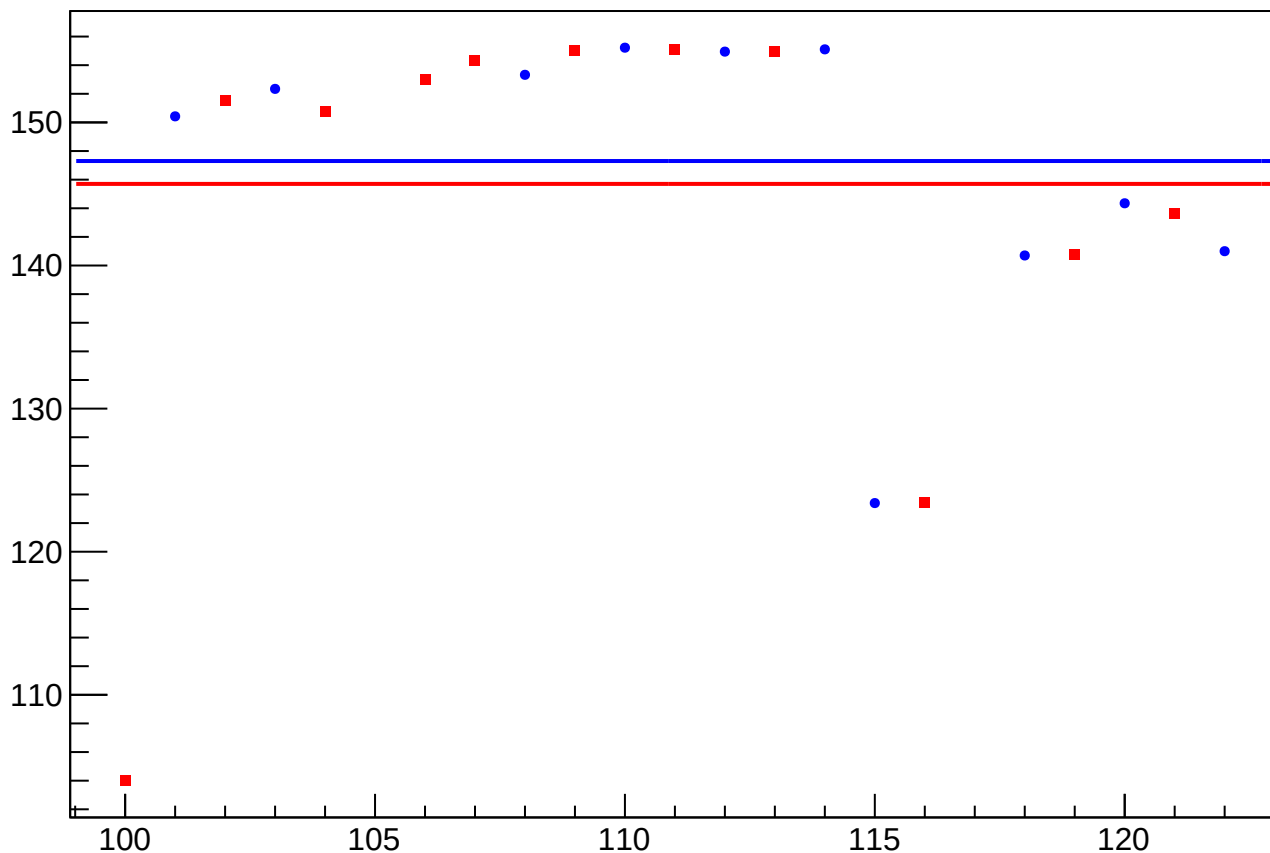
Right: 31.282+/-0.010 χ^2/NDF : 6774001.4/20

In: 31.280+/-0.014 χ^2/NDF : 3244652.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

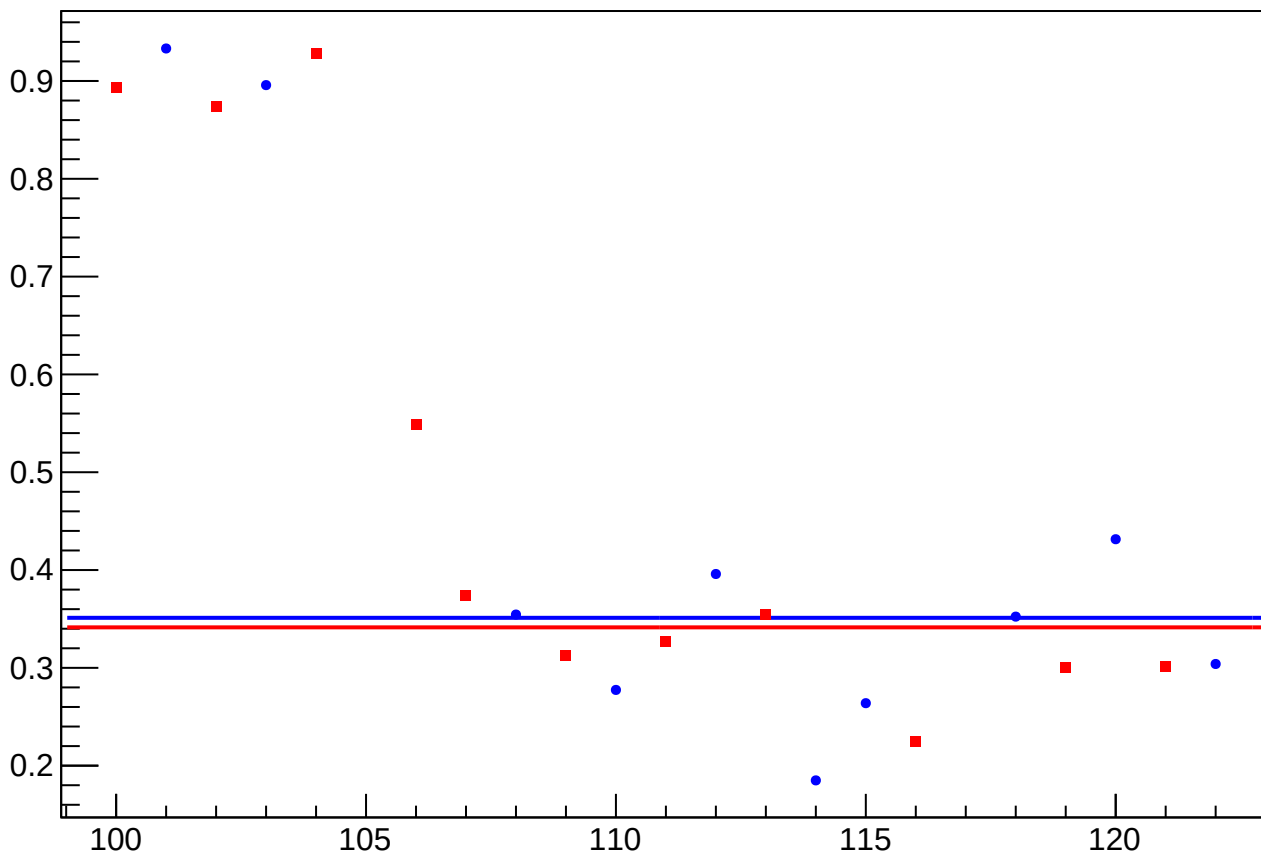
All: 31.282+/-0.010 χ^2/NDF : 6774001.4/20

yield_bcm_target_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: 145.703 $\pm$ 0.000 χ^2 /NDF: 3915893093.1/10
 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: 146.433 $\pm$ 0.000 χ^2 /NDF: 6085900300.0/20
 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: 146.433 $\pm$ 0.000 χ^2 /NDF: 6085900300.0

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: 0.341+/-0.000 χ^2/NDF : 1175747.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

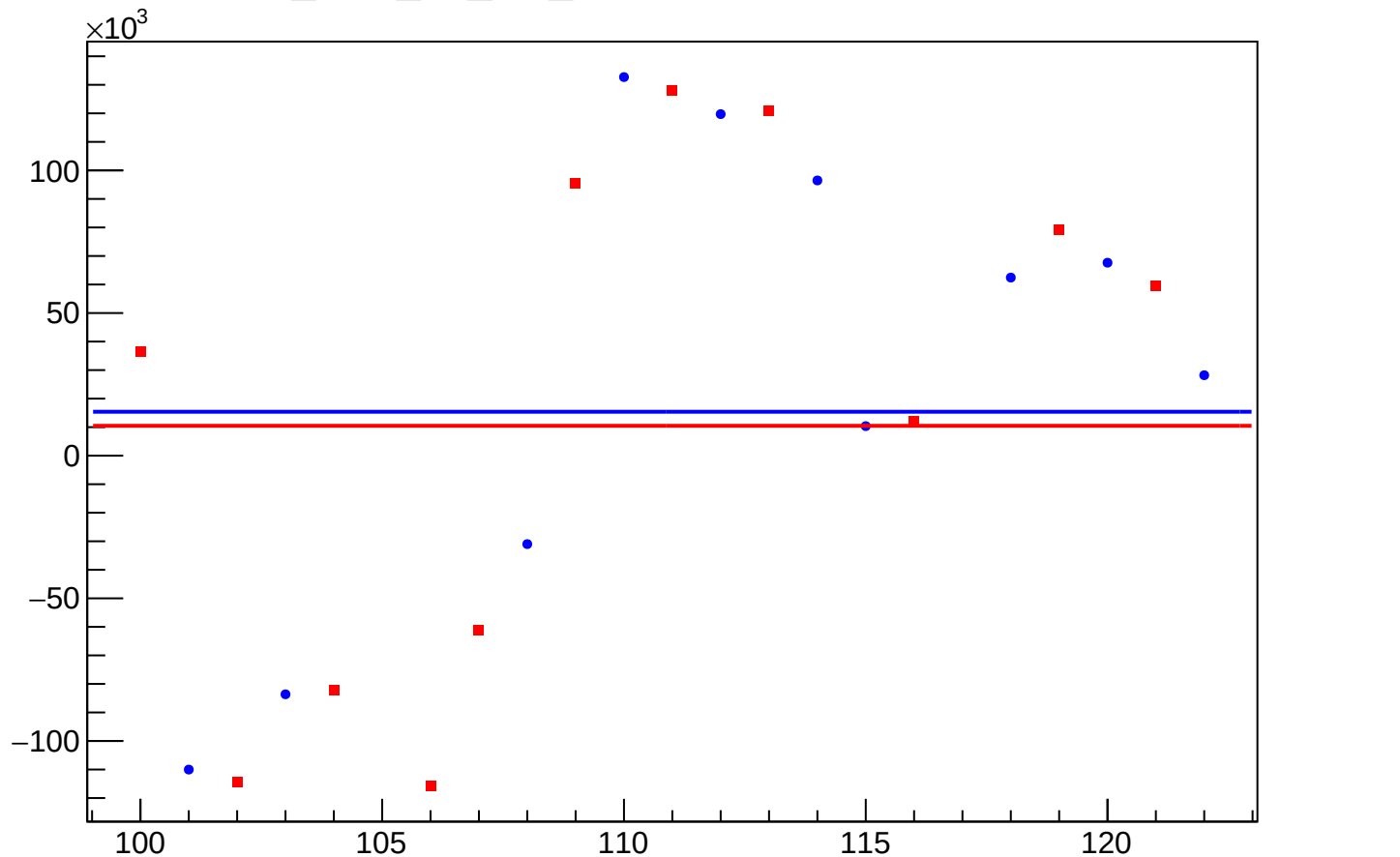
Right: 0.346+/-0.000 χ^2/NDF : 2382634.4/20

In: 0.351+/-0.000 χ^2/NDF : 1204272.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

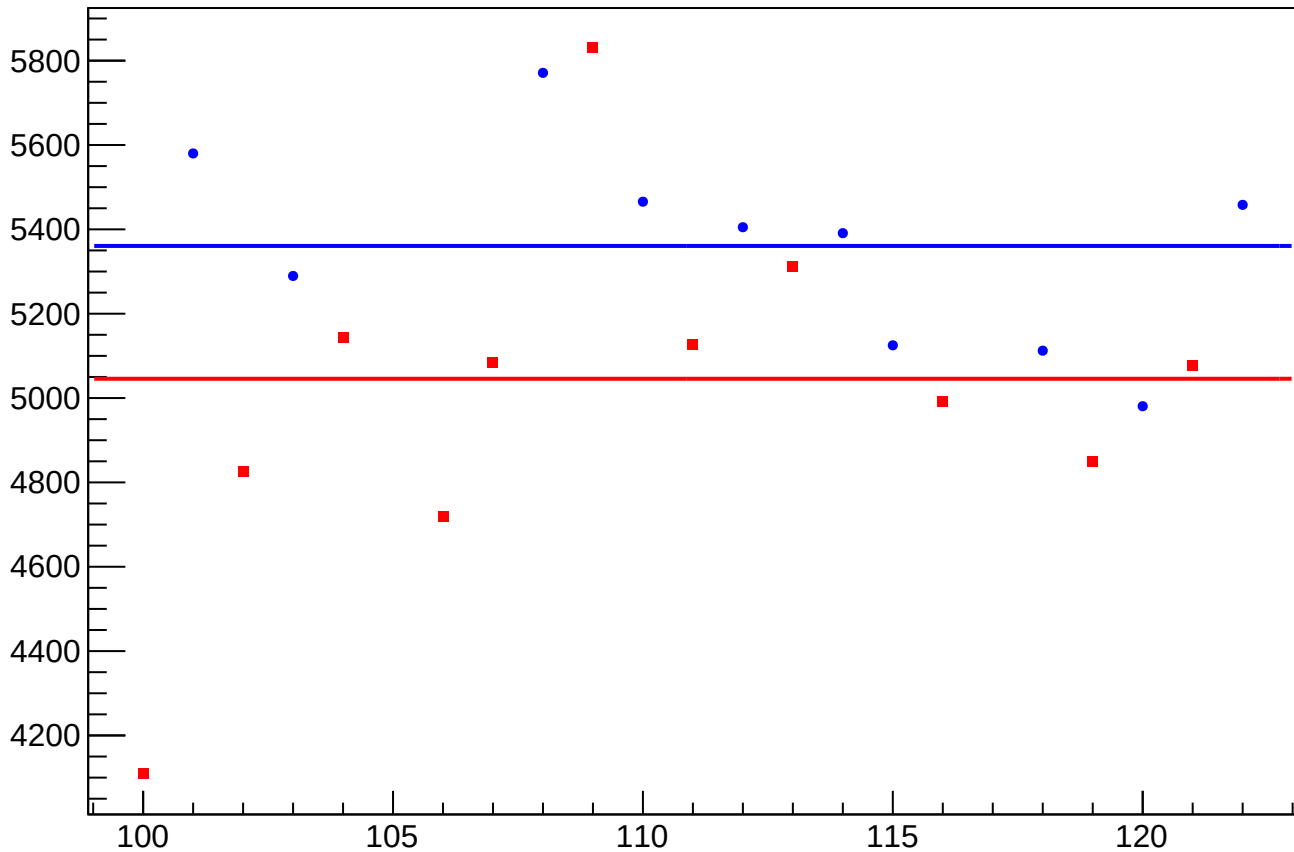
All: 0.346+/-0.000 χ^2/NDF : 2382634.4/20

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 15406.605 $\pm$ 2.733 χ^2 /NDF: 991464216.6/9
 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: 12645.561 $\pm$ 1.815 χ^2 /NDF: 2533561212.9/2
 In: 15406.605 $\pm$ 2.733 χ^2 /NDF: 991464216.6/9
 Right Out: 10469.151 $\pm$ 2.427 χ^2 /NDF: 1540272124.7/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 12645.561 $\pm$ 1.815 χ^2 /NDF: 2533561212

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5360.665+/-1.933 χ^2/NDF : 13085.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5045.766+/-1.716 χ^2/NDF : 36169.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

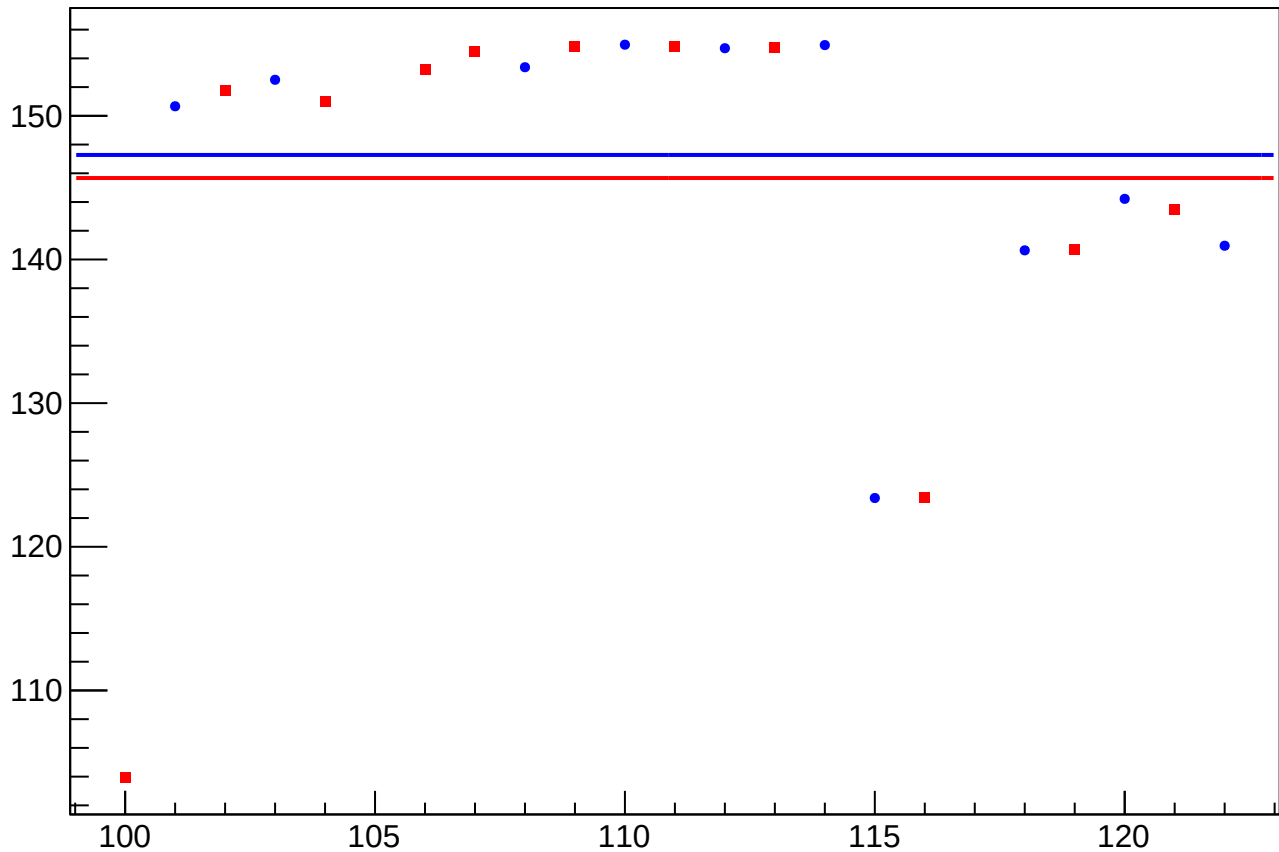
Right: 5184.572+/-1.283 χ^2/NDF : 64099.8/20

In: 5360.665+/-1.933 χ^2/NDF : 13085.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5184.572+/-1.283 χ^2/NDF : 64099.8/20

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: 145.671+/-0.000 χ^2/NDF : 3939195342.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

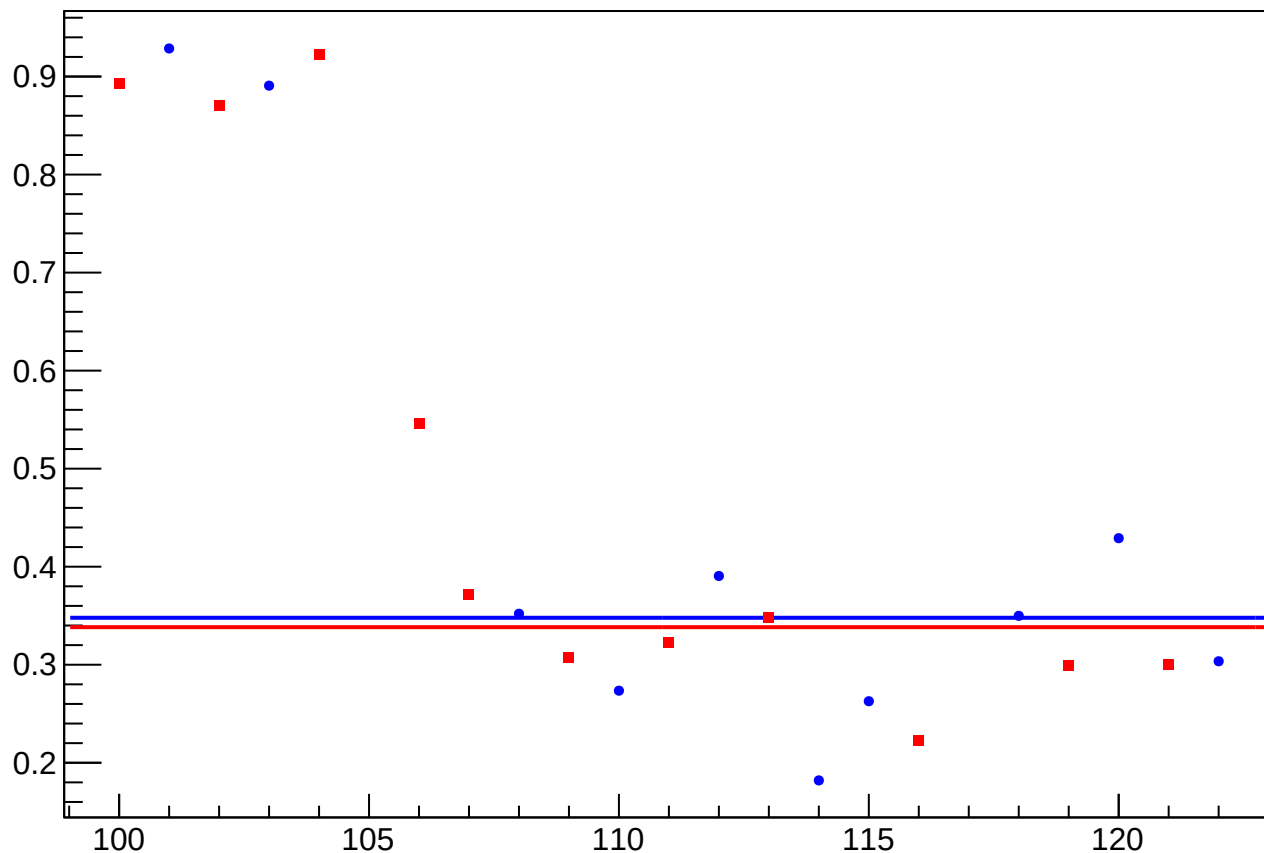
Right: 146.403+/-0.000 χ^2/NDF : 6115986949.7/20

In: 147.277+/-0.000 χ^2/NDF : 2140802889.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.403+/-0.000 χ^2/NDF : 6115986949.7

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: 0.338+/-0.000 χ^2/NDF : 1177874.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

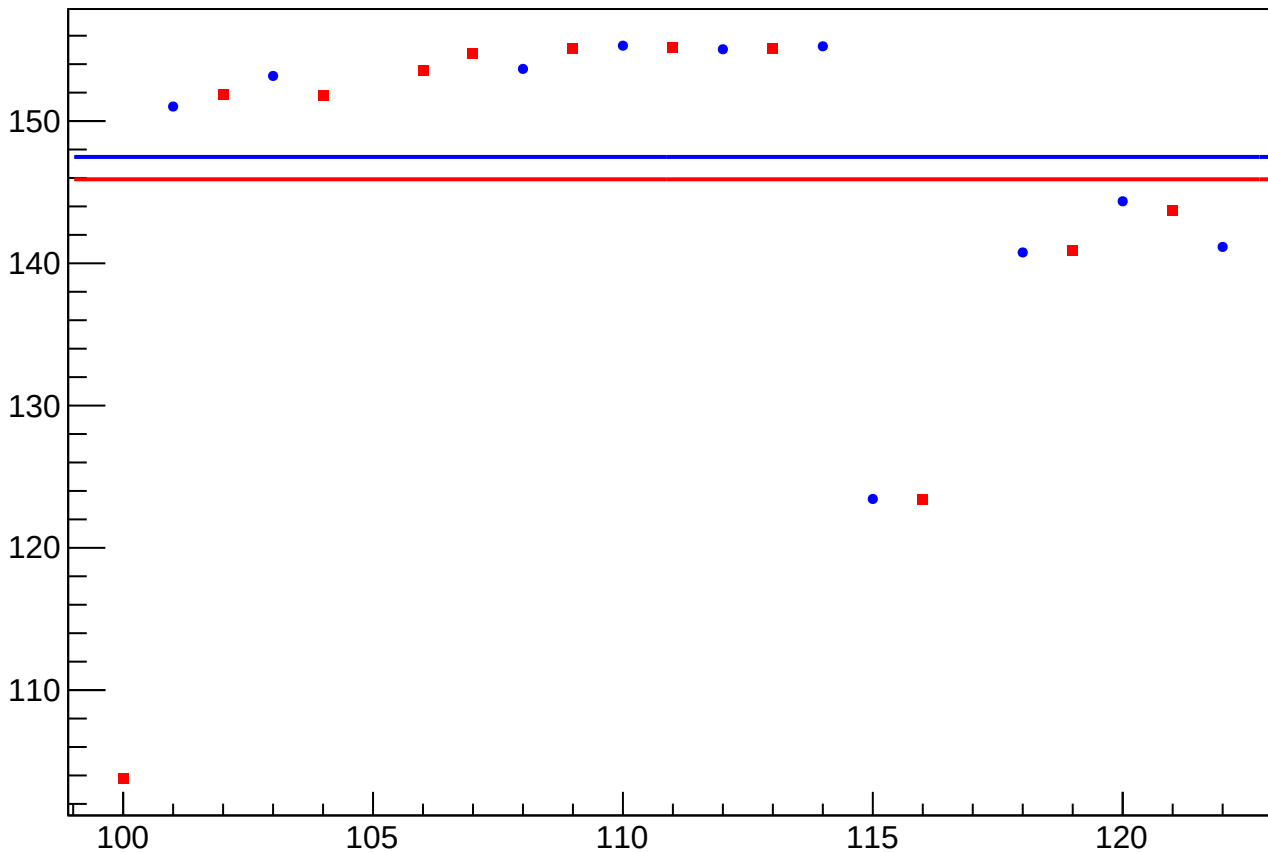
Right: 0.343+/-0.000 χ^2/NDF : 2392384.1/20

In: 0.348+/-0.000 χ^2/NDF : 1211944.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.343+/-0.000 χ^2/NDF : 2392384.1/20

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: 145.906+/-0.000 χ^2/NDF : 3922020660.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

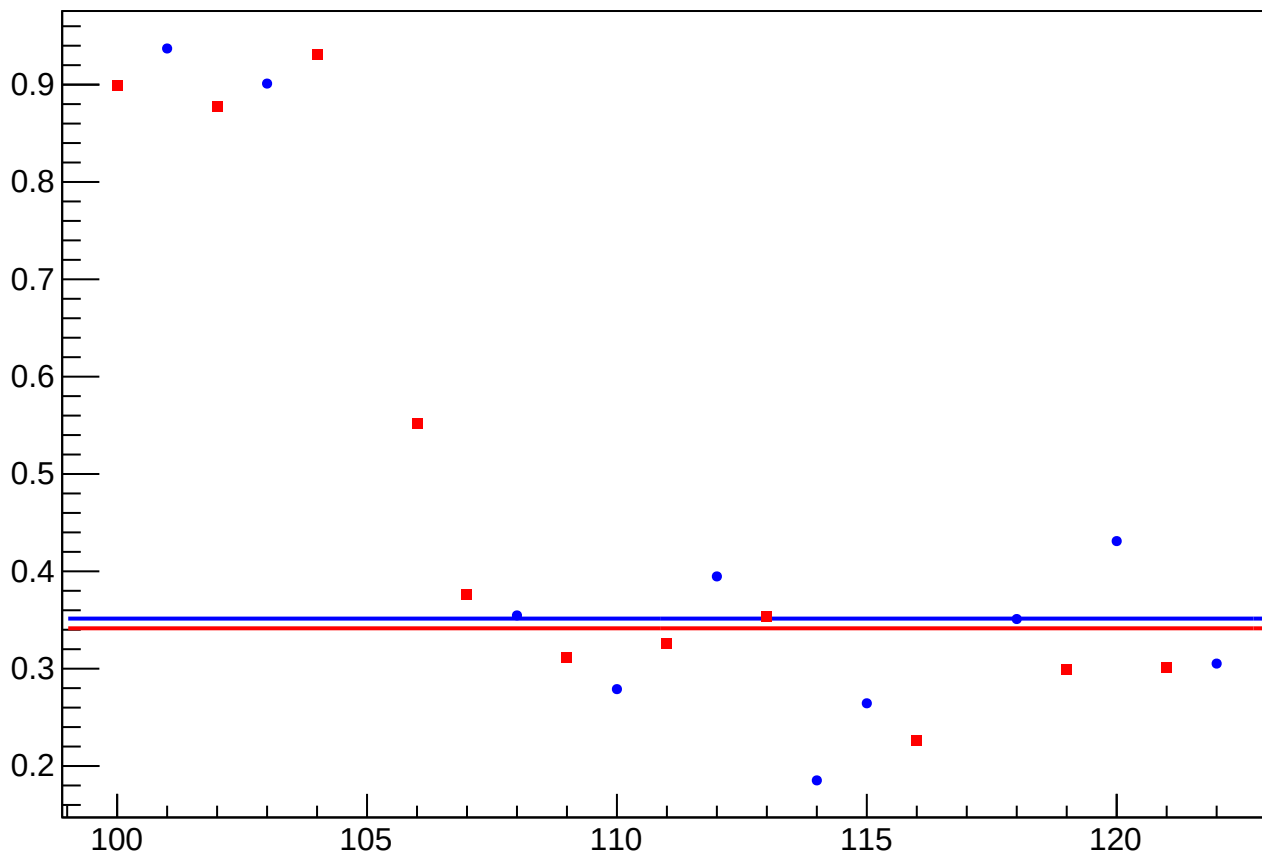
Right: 146.623+/-0.000 χ^2/NDF : 6105820626.0/20

In: 147.478+/-0.000 χ^2/NDF : 2149960188.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.623+/-0.000 χ^2/NDF : 6105820626.0

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: 0.341+/-0.000 χ^2/NDF : 1177321.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

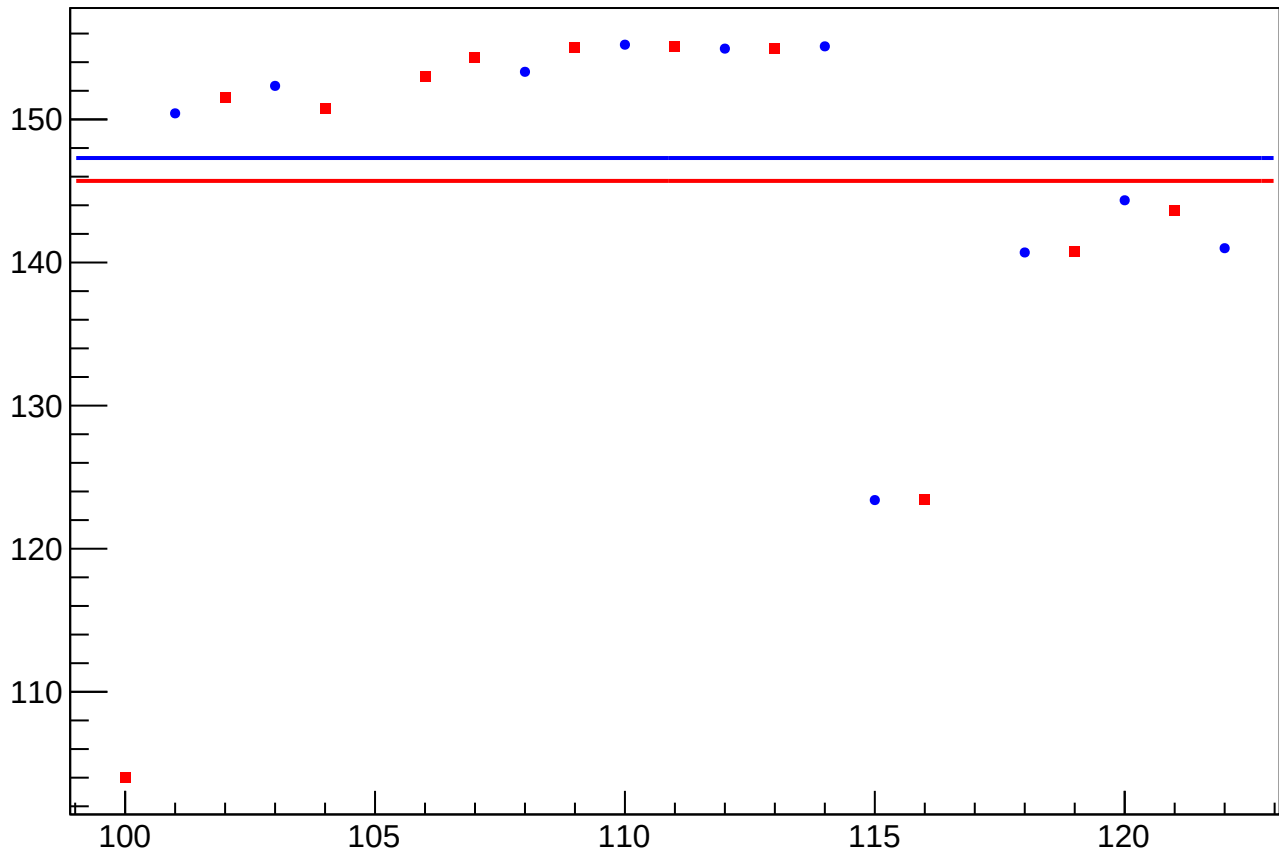
Right: 0.346+/-0.000 χ^2/NDF : 2385364.2/20

In: 0.351+/-0.000 χ^2/NDF : 1205307.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

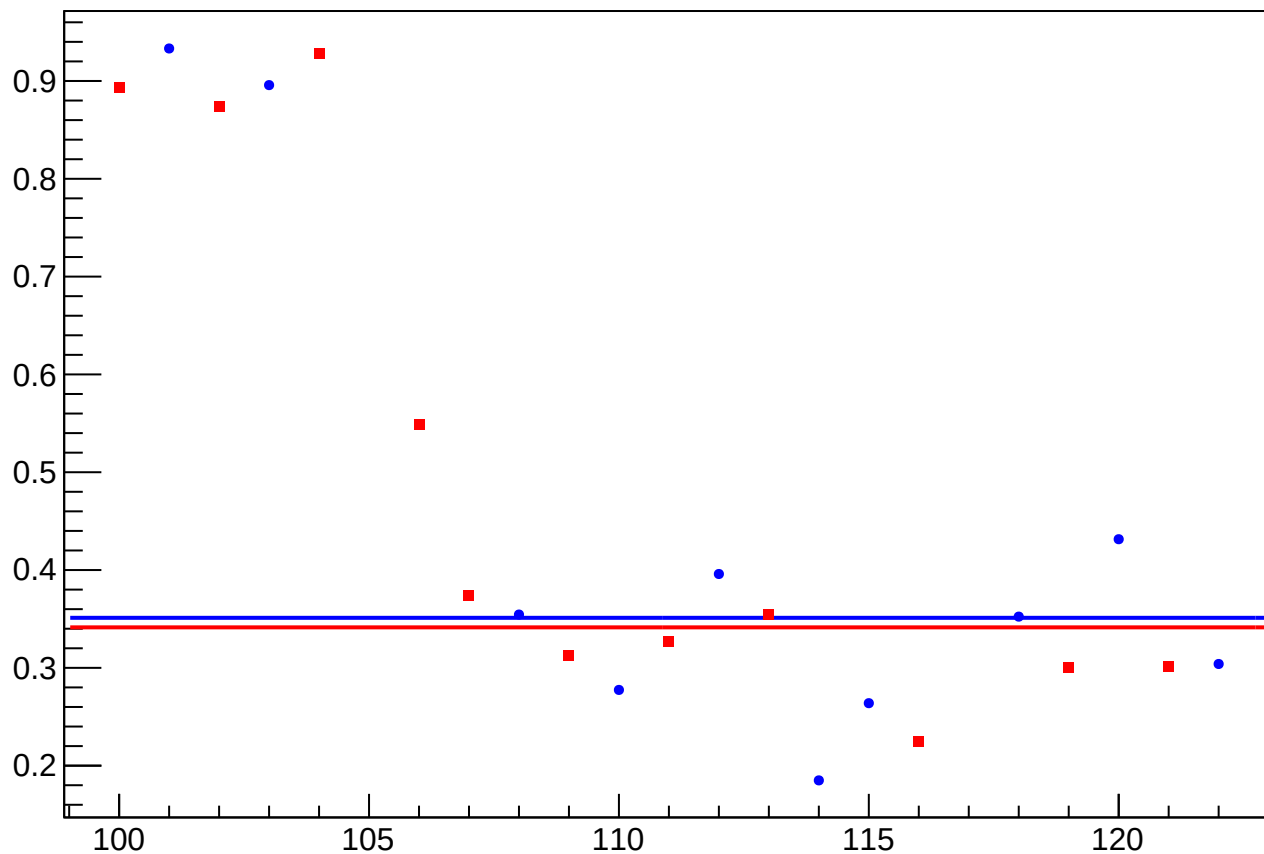
All: 0.346+/-0.000 χ^2/NDF : 2385364.2/20

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: 145.703 $\pm$ 0.000 χ^2 /NDF: 3915893093.1/10
 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: 146.433 $\pm$ 0.000 χ^2 /NDF: 6085900300.0/20
 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: 146.433 $\pm$ 0.000 χ^2 /NDF: 6085900300.0

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: 0.341+/-0.000 χ^2/NDF : 1175747.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

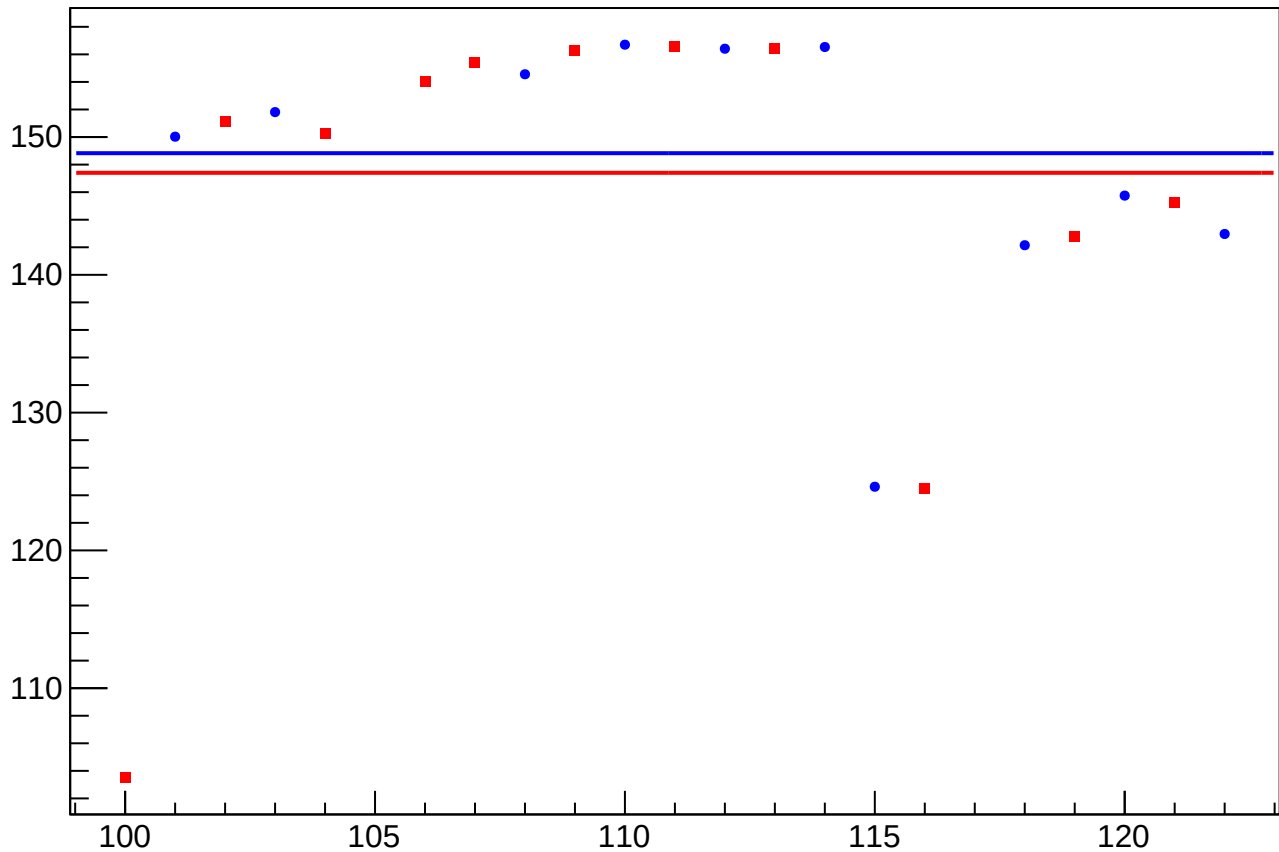
Right: 0.346+/-0.000 χ^2/NDF : 2382634.4/20

In: 0.351+/-0.000 χ^2/NDF : 1204272.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.346+/-0.000 χ^2/NDF : 2382634.4/20

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 148.829+/-0.000 χ^2/NDF : 1957000561.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.404+/-0.000 χ^2/NDF : 3517334369.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

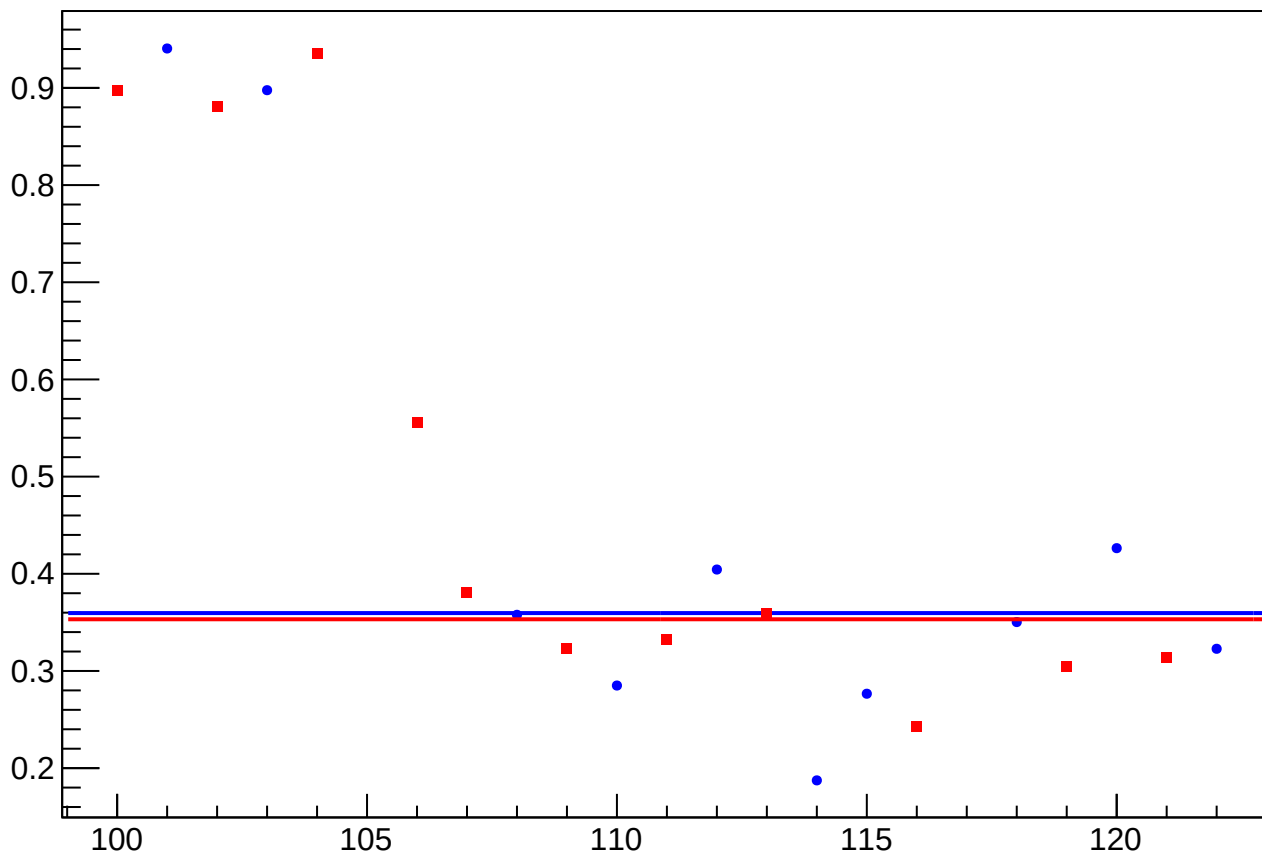
Right: 148.060+/-0.000 χ^2/NDF : 5500801553.9/20

In: 148.829+/-0.000 χ^2/NDF : 1957000561.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.060+/-0.000 χ^2/NDF : 5500801553.9

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: 0.353+/-0.000 χ^2/NDF : 1116714.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

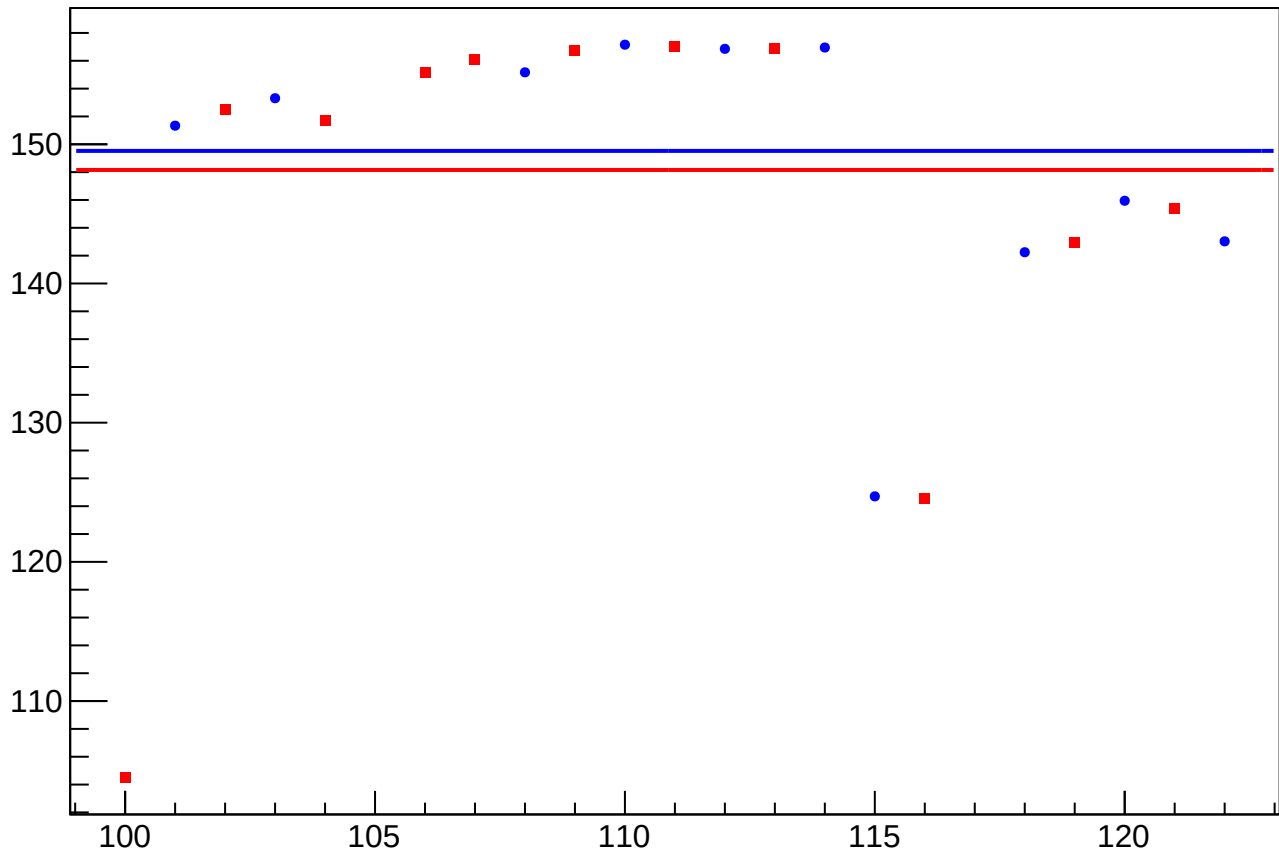
Right: 0.356+/-0.000 χ^2/NDF : 2285761.7/20

In: 0.360+/-0.000 χ^2/NDF : 1167985.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

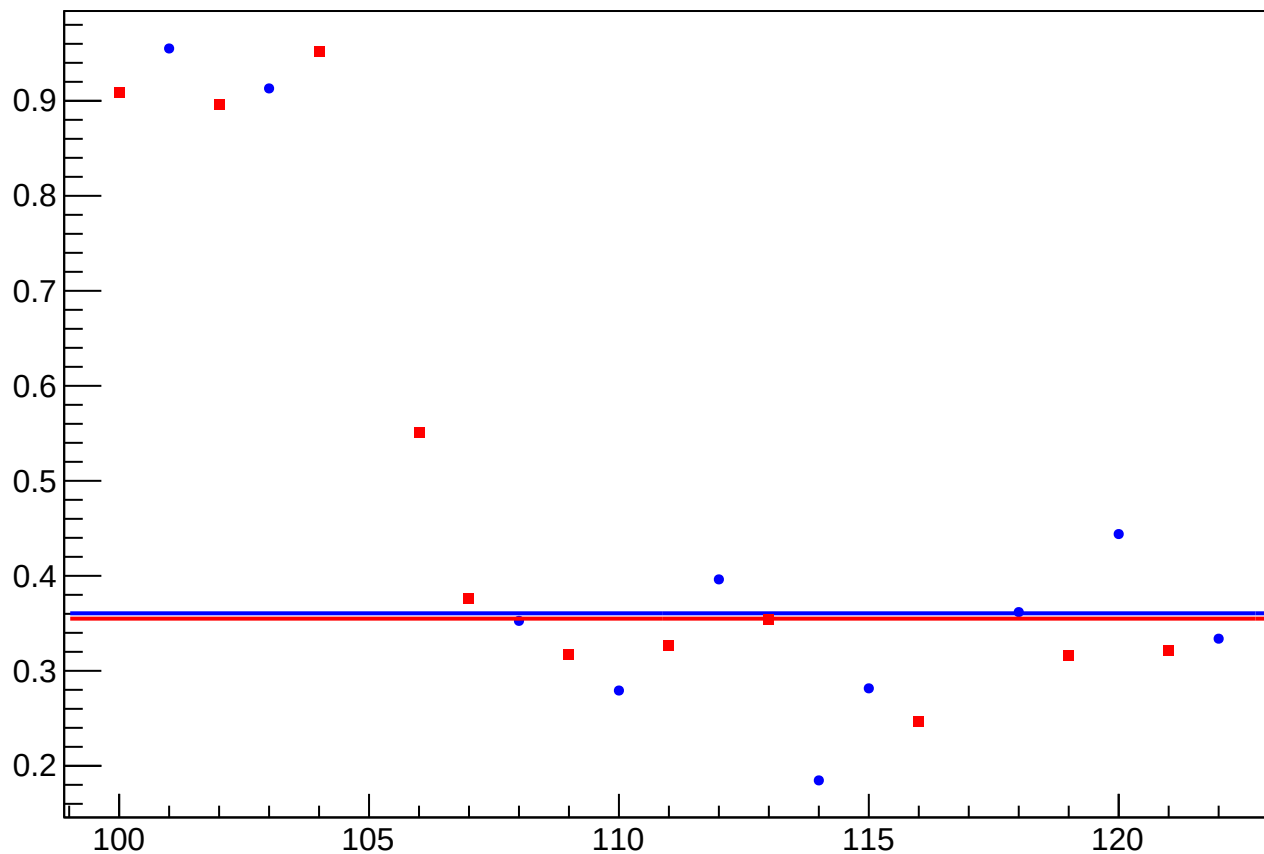
All: 0.356+/-0.000 χ^2/NDF : 2285761.7/20

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 149.526+/-0.000 χ^2/NDF : 2001760079.9/9
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 148.786+/-0.000 χ^2/NDF : 5589857256.0/20
 Right Out: 148.155+/-0.000 χ^2/NDF : 3563848500.8/10
 In: 149.526+/-0.000 χ^2/NDF : 2001760079.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 148.786+/-0.000 χ^2/NDF : 5589857256.0

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: 0.355+/-0.000 χ^2/NDF : 1112353.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

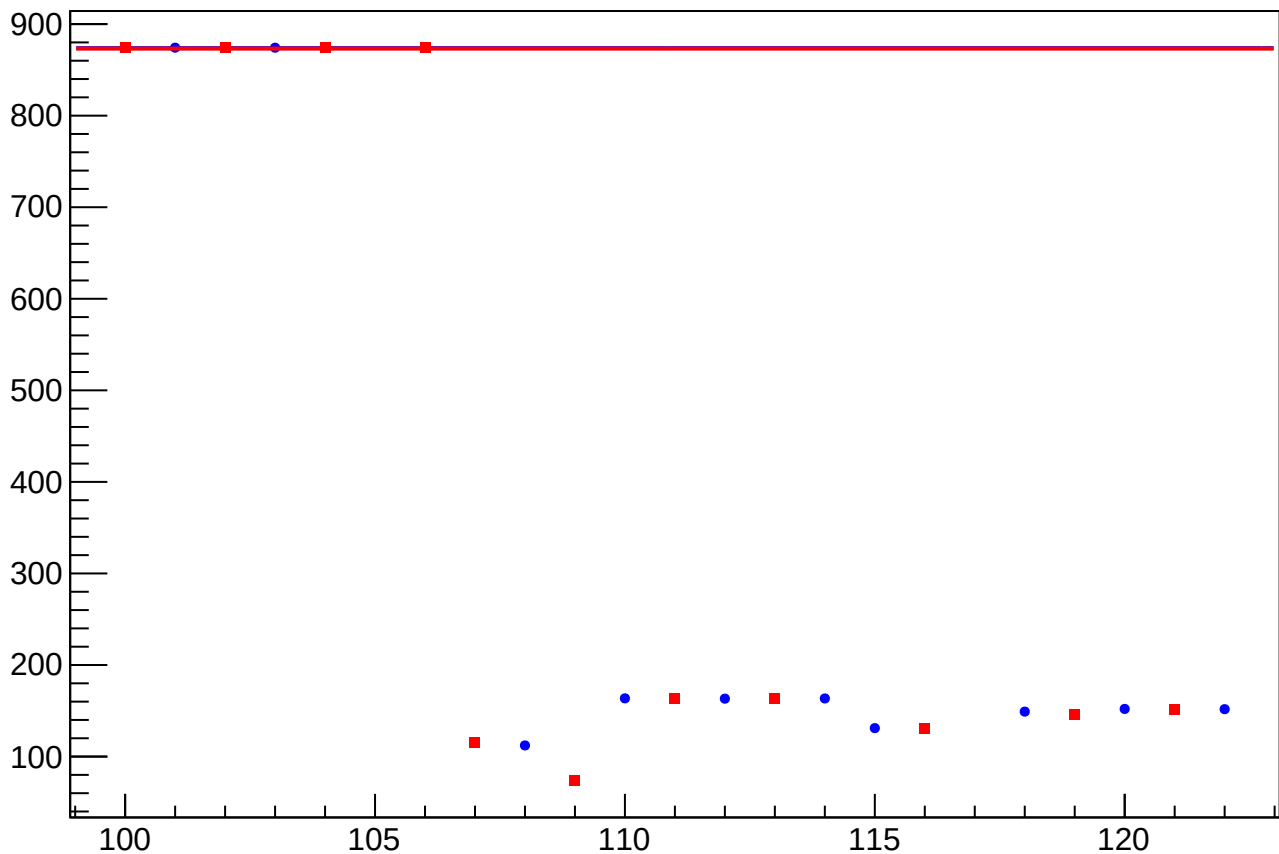
Right: 0.358+/-0.000 χ^2/NDF : 2313353.5/20

In: 0.361+/-0.000 χ^2/NDF : 1200191.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

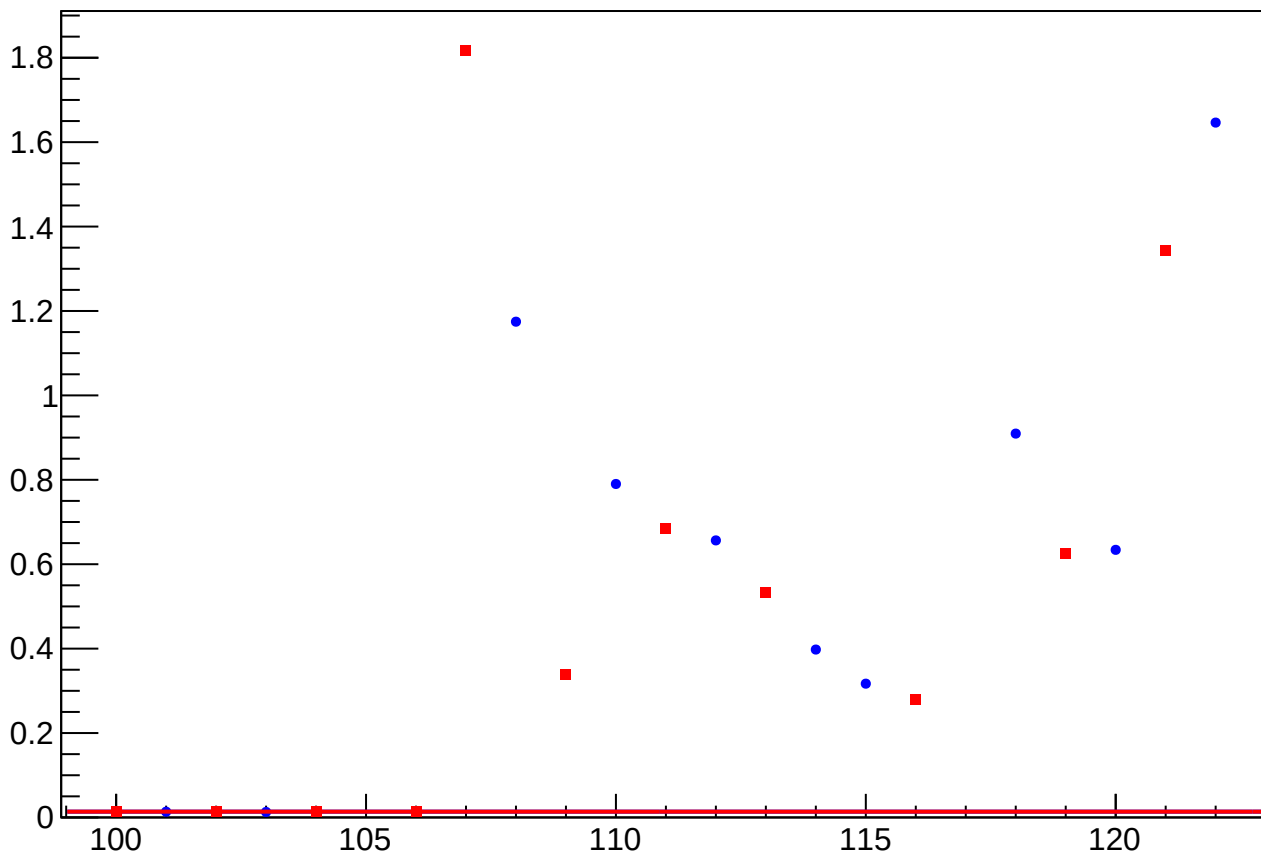
All: 0.358+/-0.000 χ^2/NDF : 2313353.5/20

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.711+/-0.000 χ^2/NDF : 2653996195892.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 873.282+/-0.000 χ^2/NDF : 5590113971352.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 873.481+/-0.000 χ^2/NDF : 8244808843010.2

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 : 4465569.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

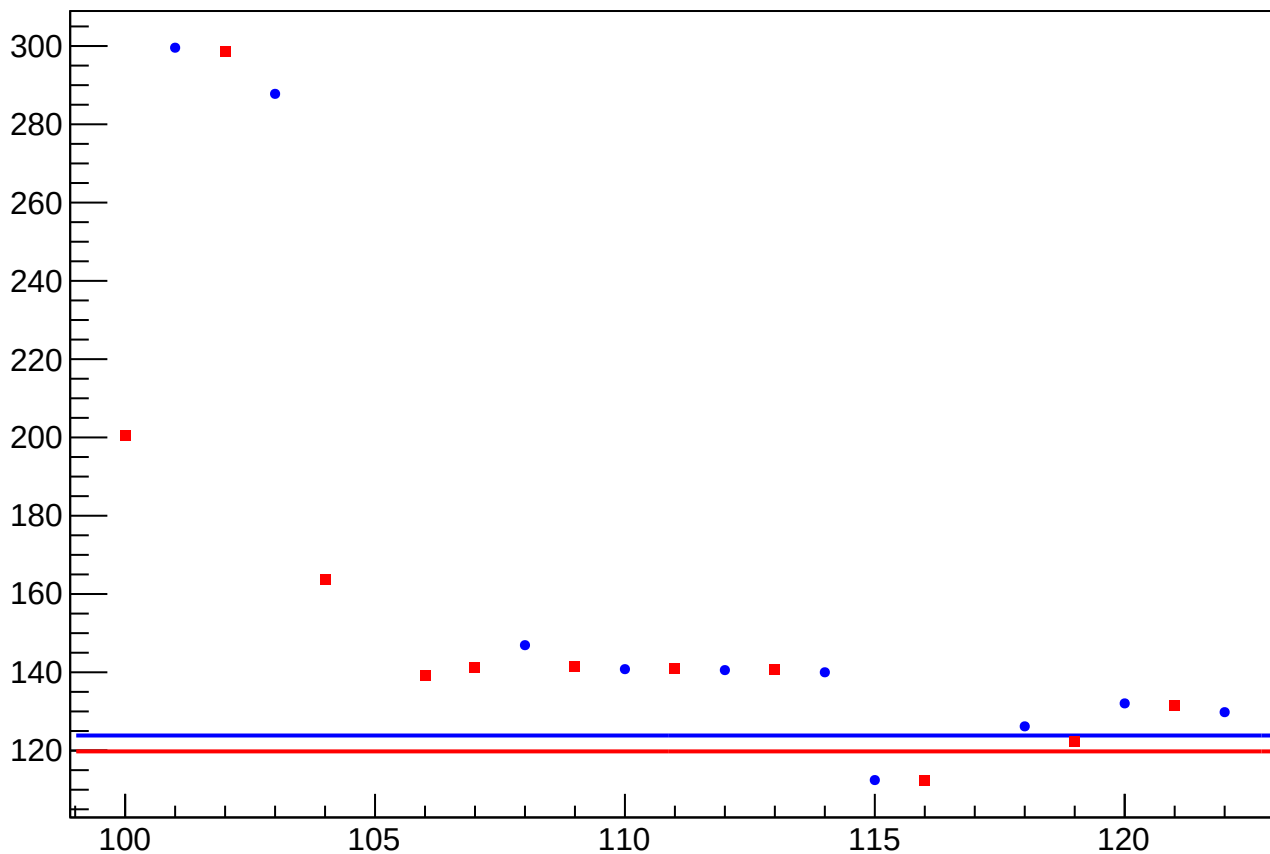
Right: 0.014+/-0.000 χ^2/NDF : 9019354.1/20

In: 0.014+/-0.000 χ^2/NDF :4553771.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

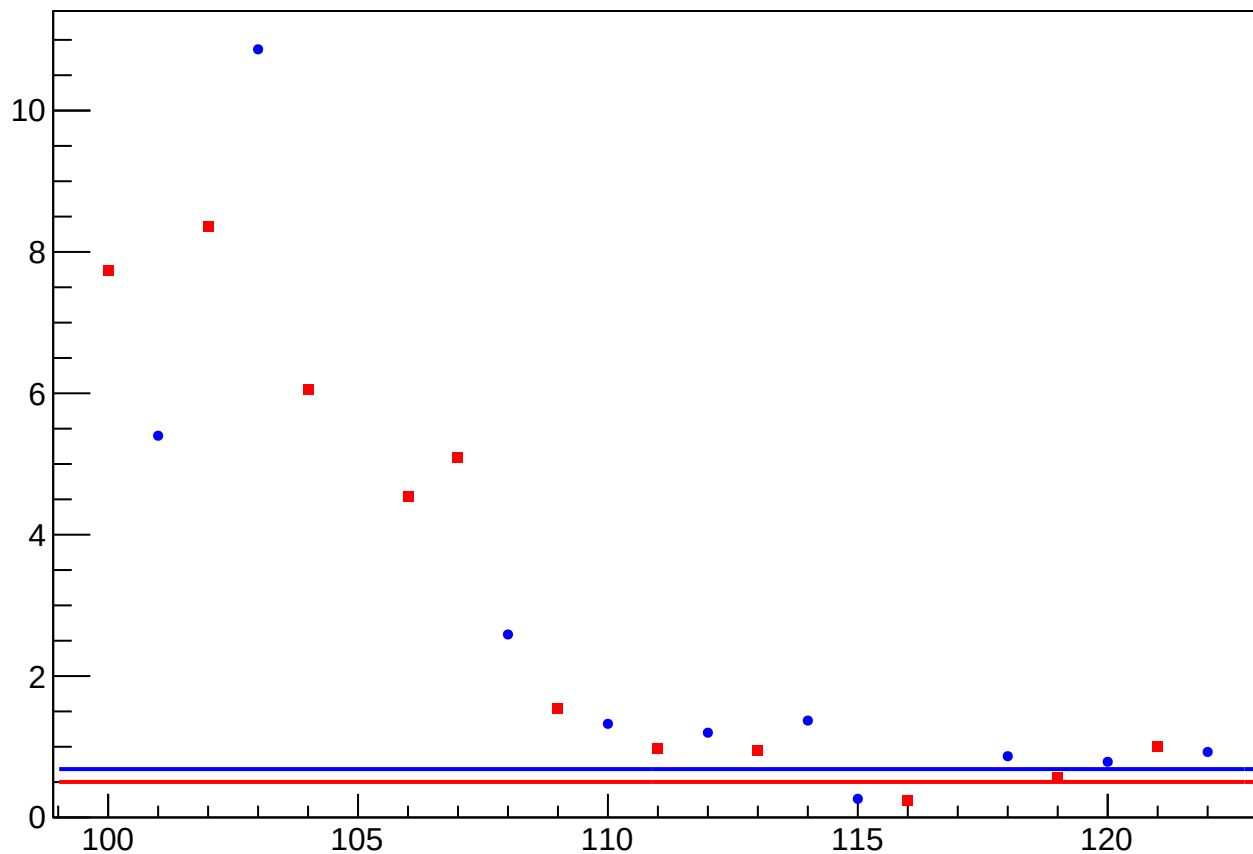
All: 0.014+/-0.000 χ^2/NDF : 9019354.1/20

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: 121.313 $\pm$ 0.000 χ^2 /NDF: 2294956355.4/20
Right Out: 119.793 $\pm$ 0.000 χ^2 /NDF: 1032257469.1/10
In: 123.852 $\pm$ 0.001 χ^2 /NDF: 1222190049.3/9
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 121.313 $\pm$ 0.000 χ^2 /NDF: 2294956355.4

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: 0.502+/-0.000 χ^2/NDF : 4169816.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

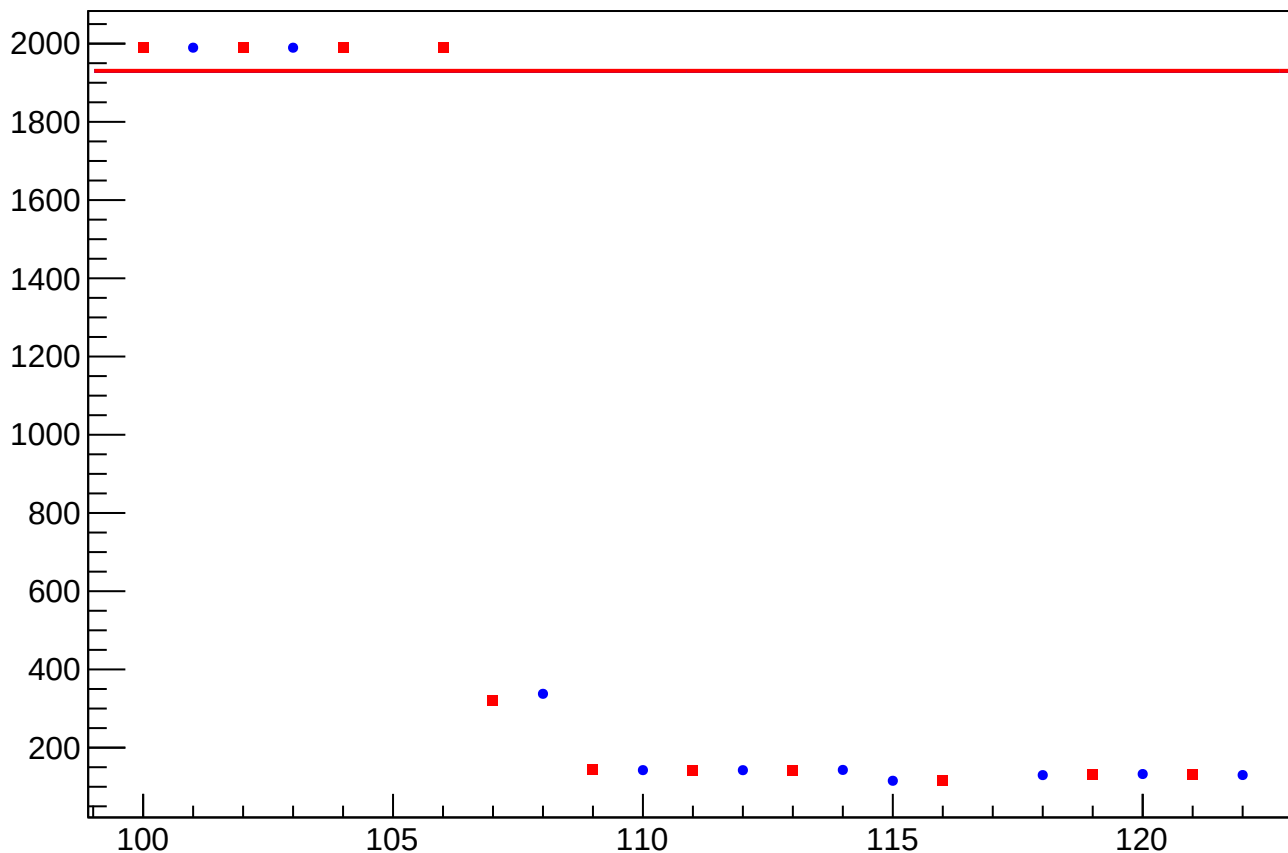
Right: 0.570+/-0.000 χ^2/NDF : 7760601.7/20

In: 0.684+/-0.000 χ^2/NDF : 3428236.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

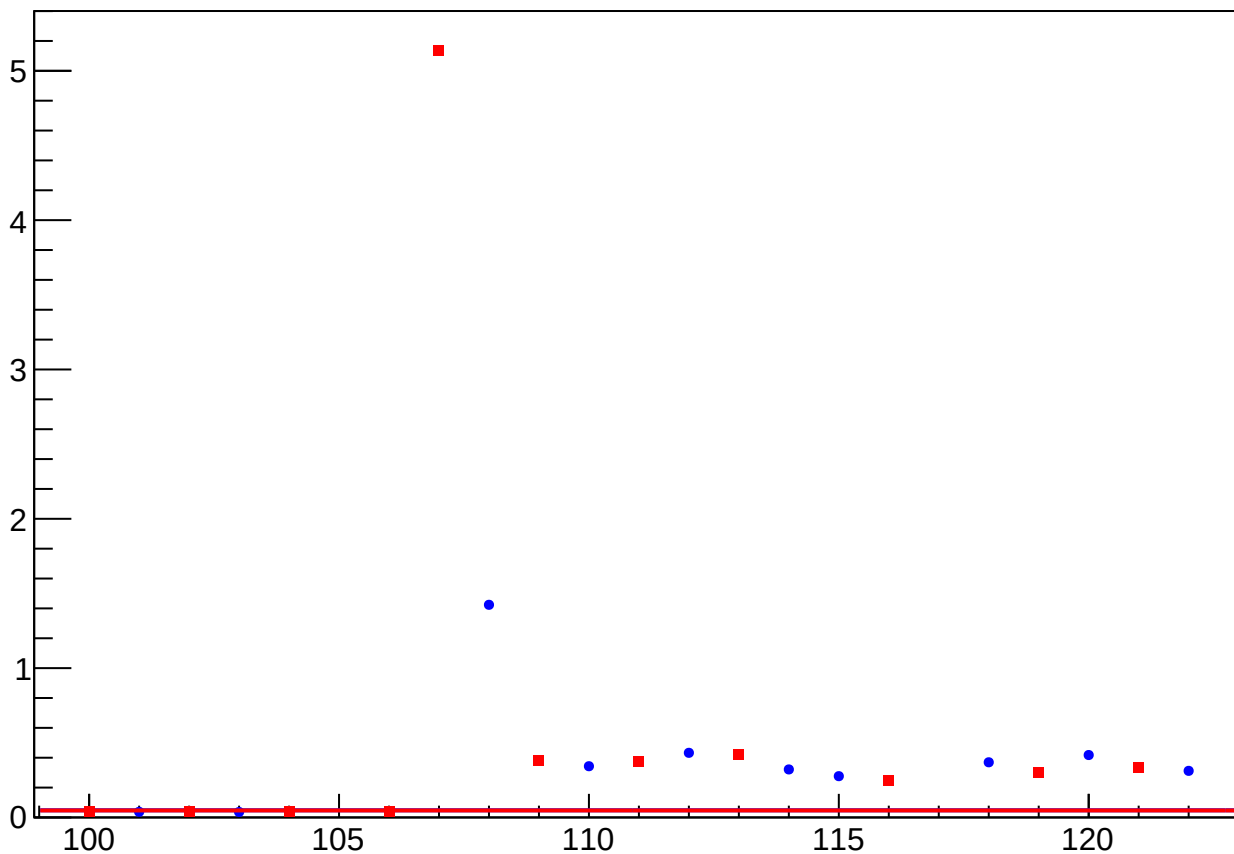
All: 0.570+/-0.000 χ^2/NDF : 7760601.7/20

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: 1930.425+/-0.000 χ^2/NDF : 68340930121657.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1930.250+/-0.000 χ^2/NDF : 12631119485706

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: 0.047+/-0.000 χ^2/NDF : 3843673.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

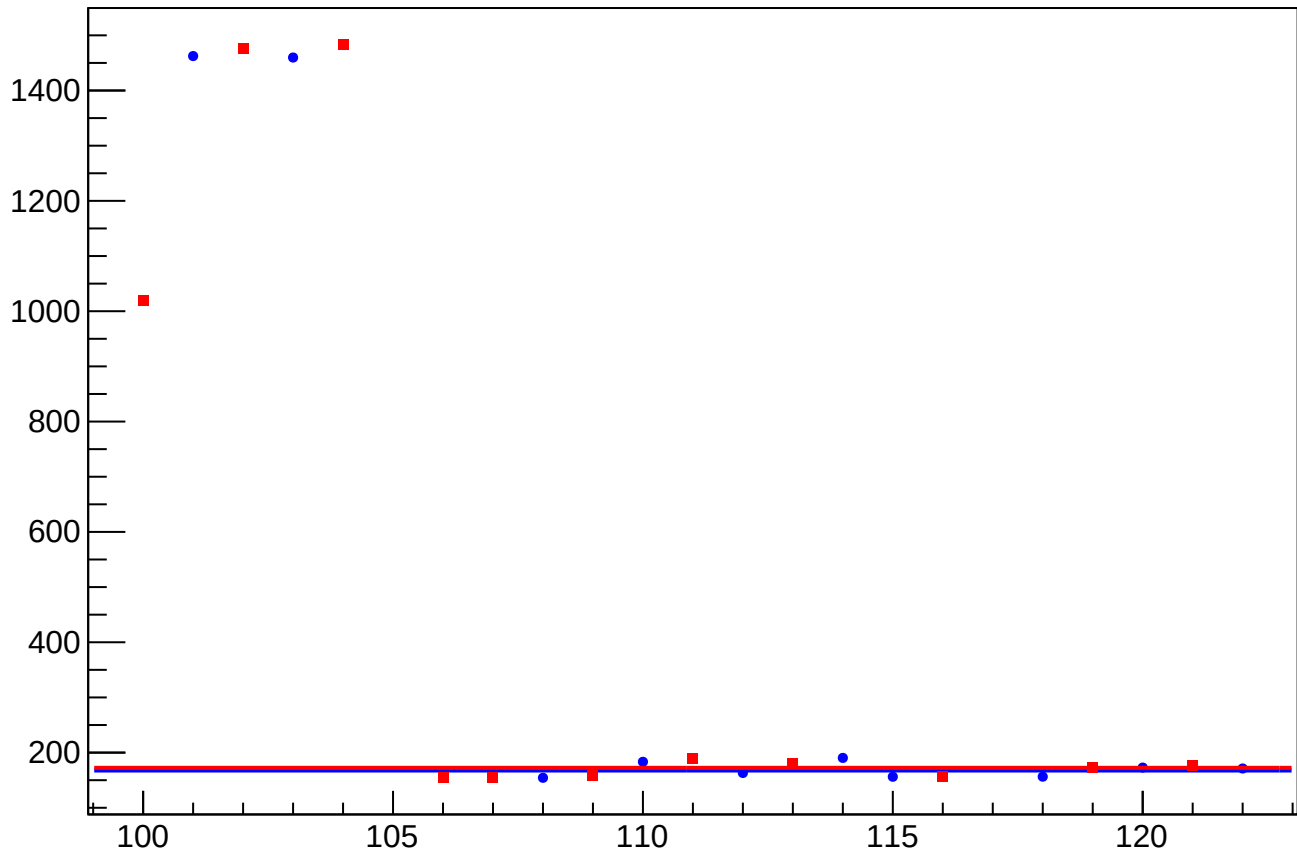
Right: 0.047+/-0.000 χ^2/NDF : 7878887.9/20

In: 0.048+/-0.000 χ^2/NDF : 4034504.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

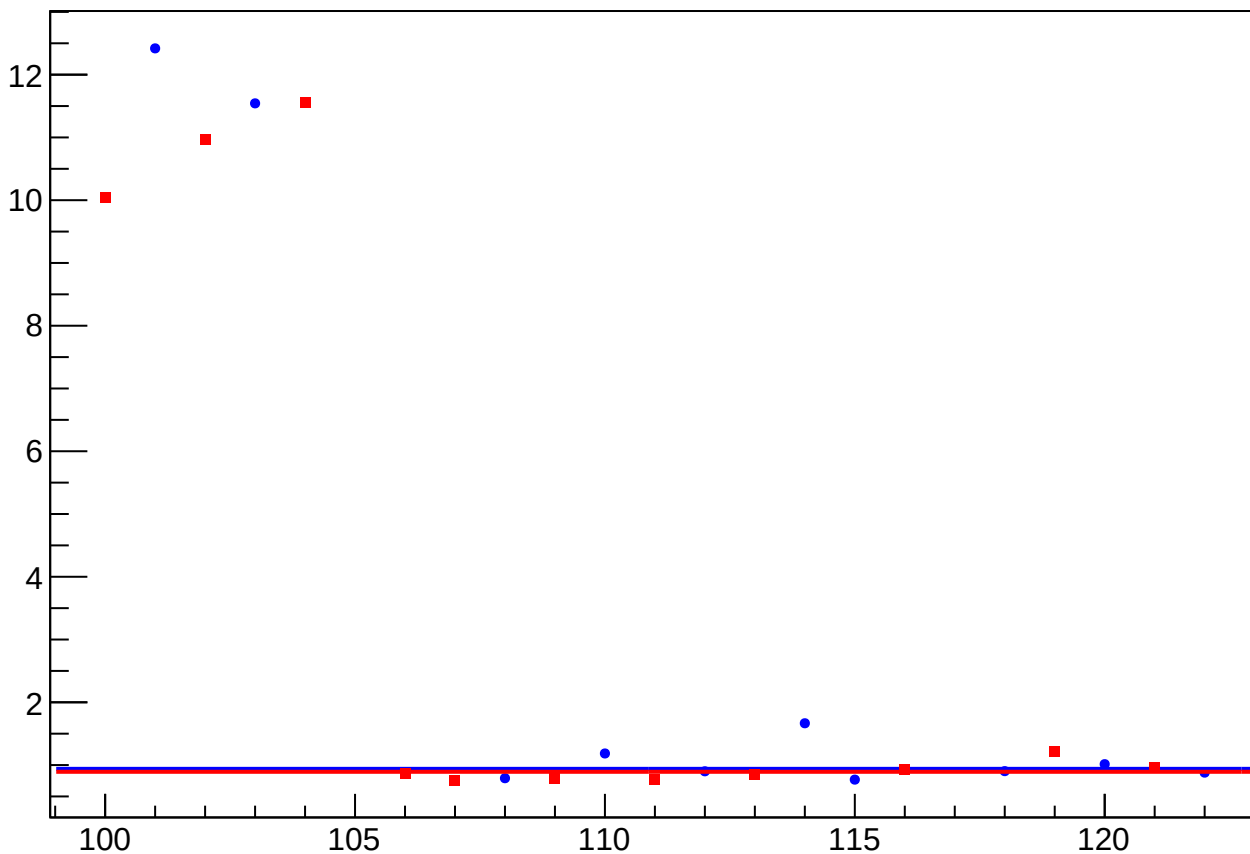
All: 0.047+/-0.000 χ^2/NDF : 7878887.9/20

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: 172.425+/-0.001 χ^2/NDF : 16040928802.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 170.219+/-0.000 χ^2/NDF : 30411057458.6/20

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 : 2092308.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

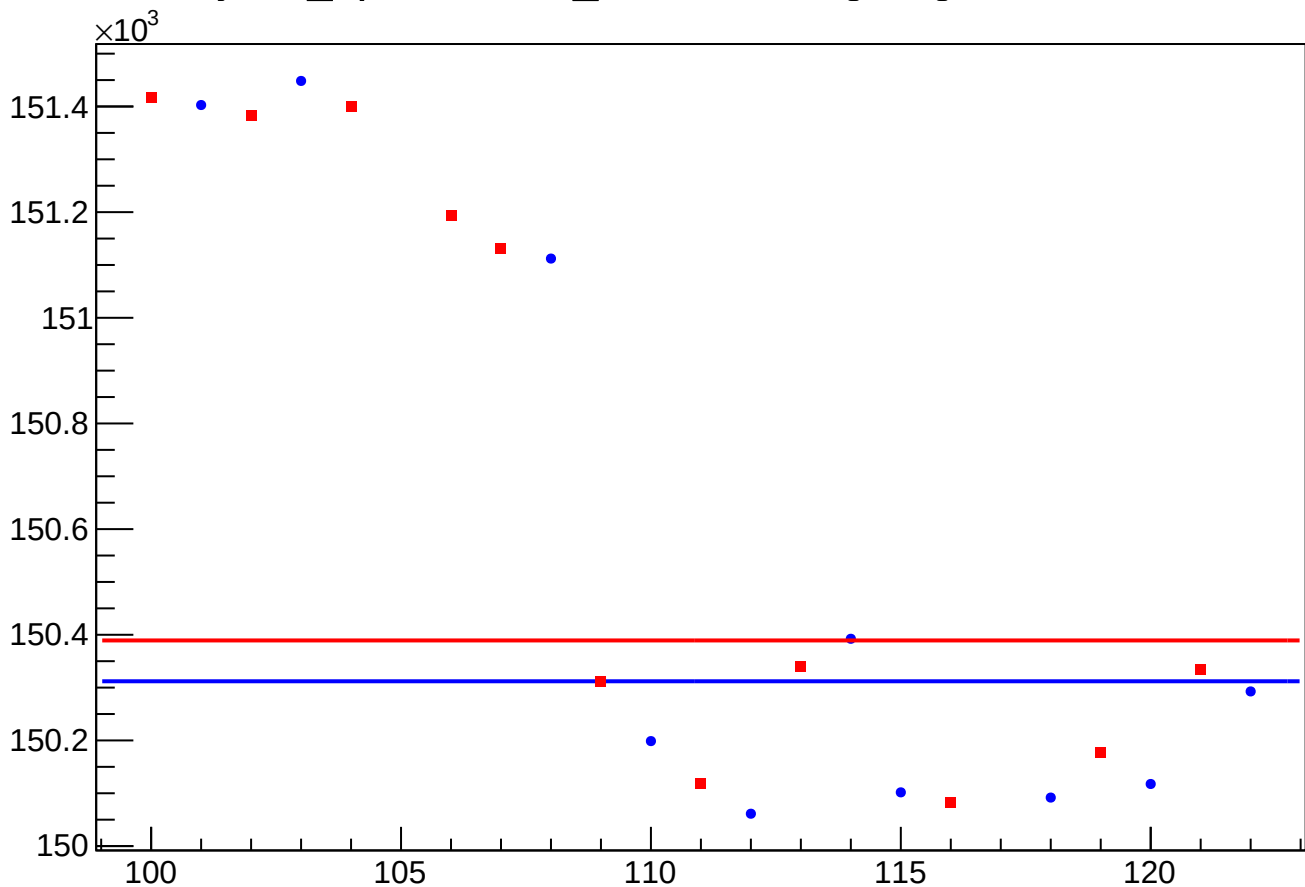
Right: 0.914+/-0.000 χ^2/NDF : 4242555.3/20

In: 0.940+/-0.000 χ^2/NDF : 2144281.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

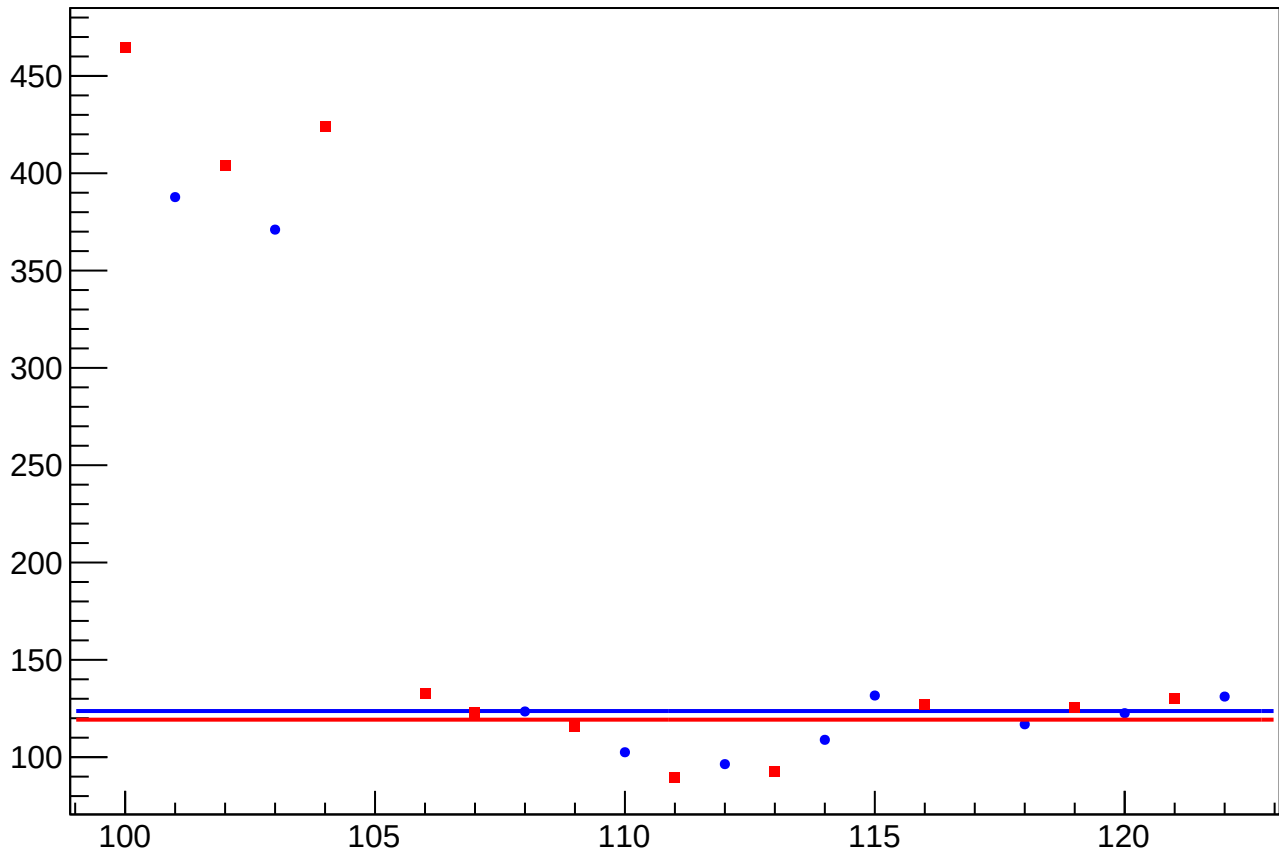
All: 0.914+/-0.000 χ^2/NDF : 4242555.3/20

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: 150389.271 $\pm$ 0.062 χ^2 /NDF: 34999447.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 150354.153 $\pm$ 0.046 χ^2 /NDF: 68828604.9/20
 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: 150354.153 $\pm$ 0.046 χ^2 /NDF: 68828604.9/20

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 123.695 $\pm$ 0.048 χ^2 /NDF: 1224442.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 119.260 $\pm$ 0.044 χ^2 /NDF: 1441598.5/10

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

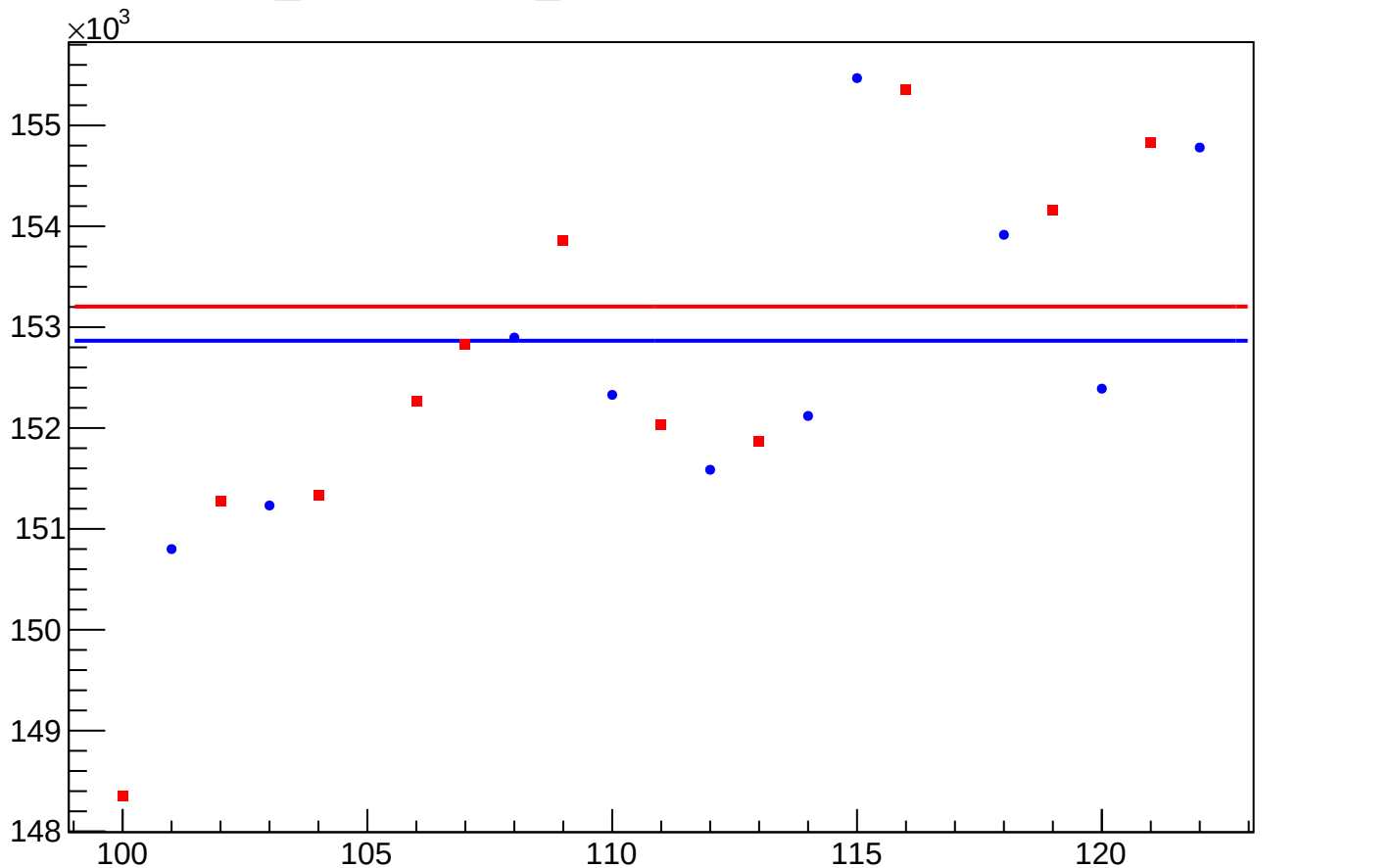
Right: 121.276 $\pm$ 0.032 χ^2 /NDF: 2670676.2/20

In: 123.695 $\pm$ 0.048 χ^2 /NDF:1224442.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

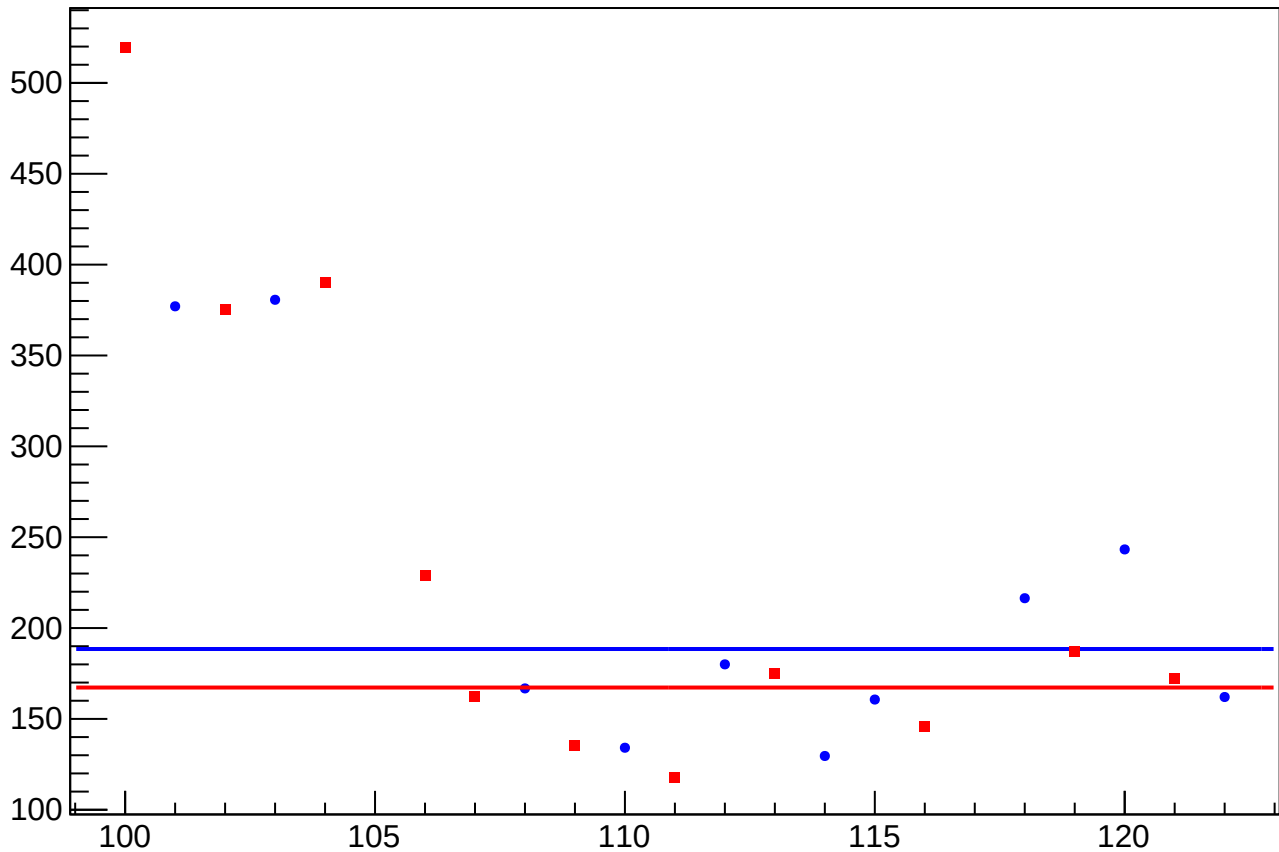
All: 121.276 $\pm$ 0.032 χ^2 /NDF: 2670676.2/20

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: 153062.904+/-0.067 χ^2 /NDF: 368238512.0/2
 In: 152865.221+/-0.104 χ^2 /NDF: 151047025.9/9
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 153062.904+/-0.067 χ^2 /NDF: 368238512.0/2

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: 167.267+/-0.062 χ^2/NDF : 1062879.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

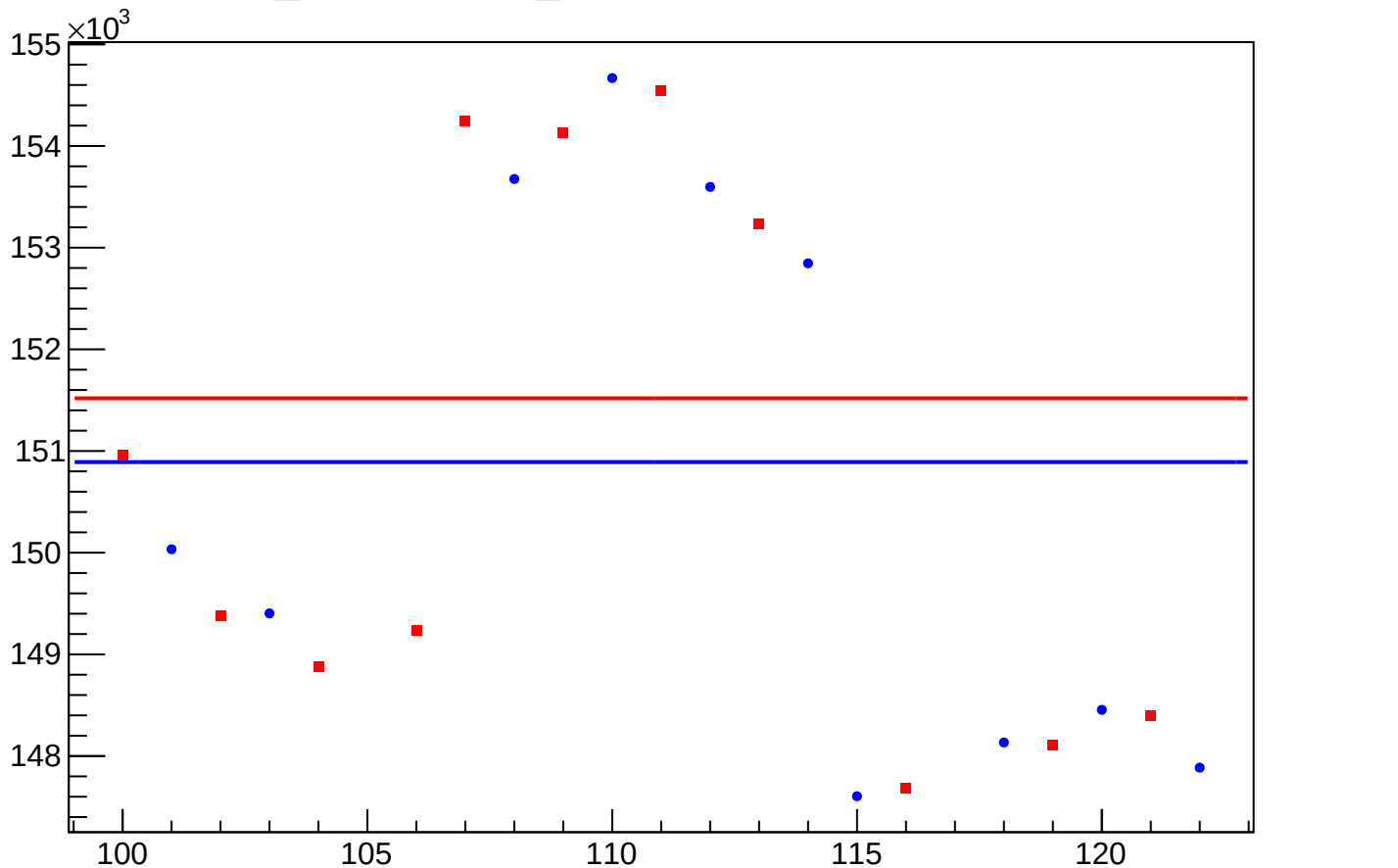
Right: 176.113+/-0.048 χ^2/NDF : 1984329.1/20

In: 188.470+/-0.074 χ^2/NDF : 873210.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

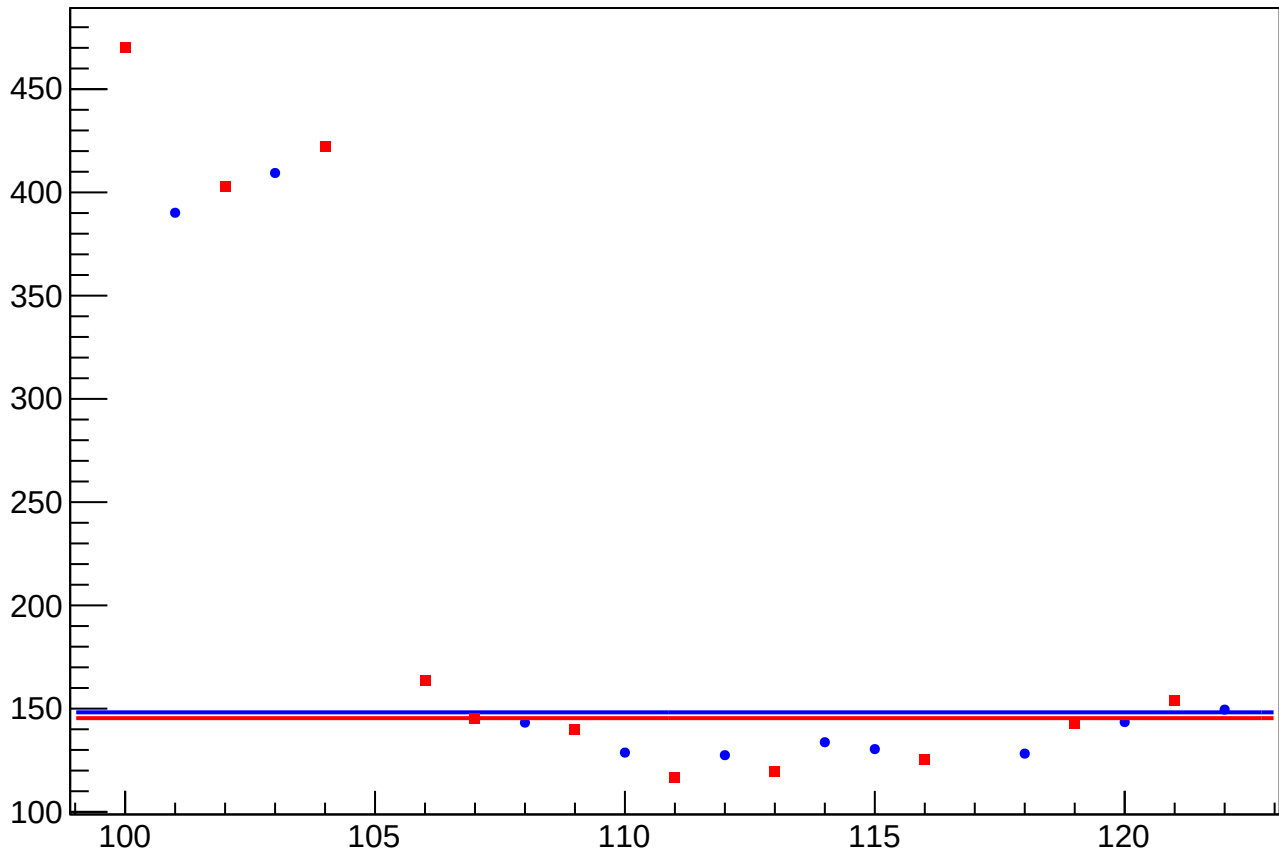
All: 176.113+/-0.048 χ^2/NDF : 1984329.1/20

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
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 151224.161+/-0.055 χ^2 /NDF: 2749782141.8/9
 In: 150891.211+/-0.080 χ^2 /NDF: 1270070994.3/9
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 151224.161+/-0.055 χ^2 /NDF: 2749782141.8/9

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: 145.391+/-0.053 χ^2/NDF : 1158335.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

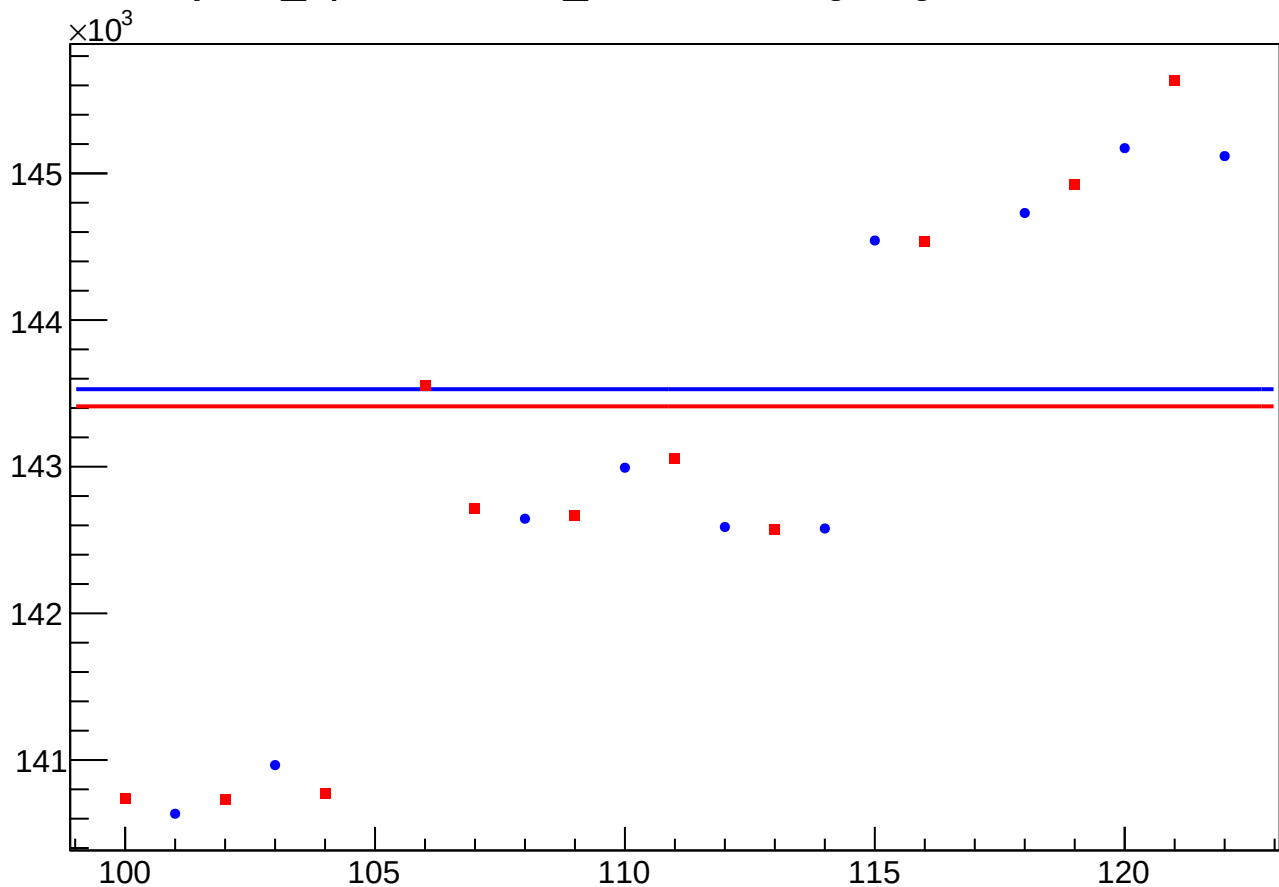
Right: 146.712+/-0.039 χ^2/NDF : 2228499.6/20

In: 148.208+/-0.057 χ^2/NDF : 1068854.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

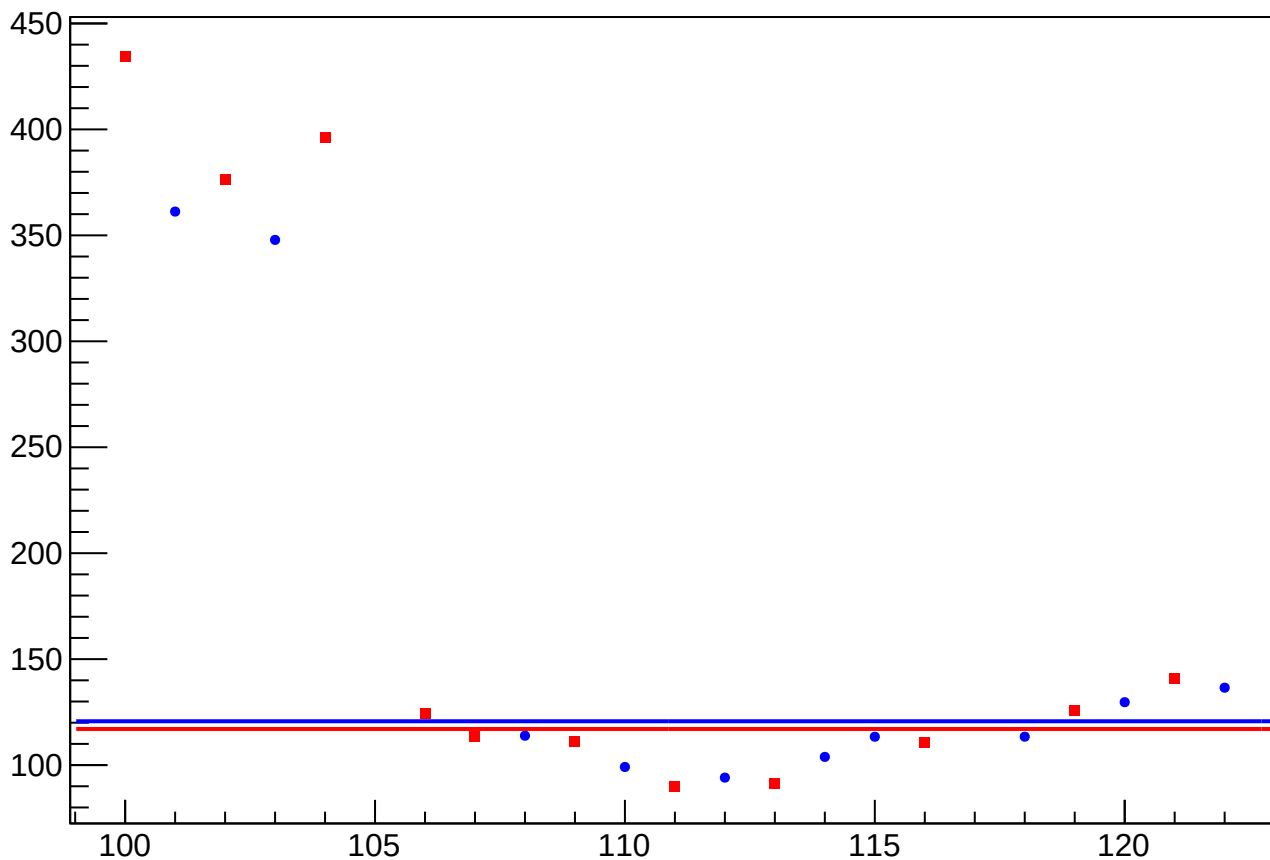
All: 146.712+/-0.039 χ^2/NDF : 2228499.6/20

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: 143411.556 $\pm$ 0.061 χ^2 /NDF: 348855277.0/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 143464.877 $\pm$ 0.045 χ^2 /NDF: 688591975.8/20
 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: 143464.877 $\pm$ 0.045 χ^2 /NDF: 688591975.8/20

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: 117.044 $\pm$ 0.043 χ^2 /NDF: 1390871.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

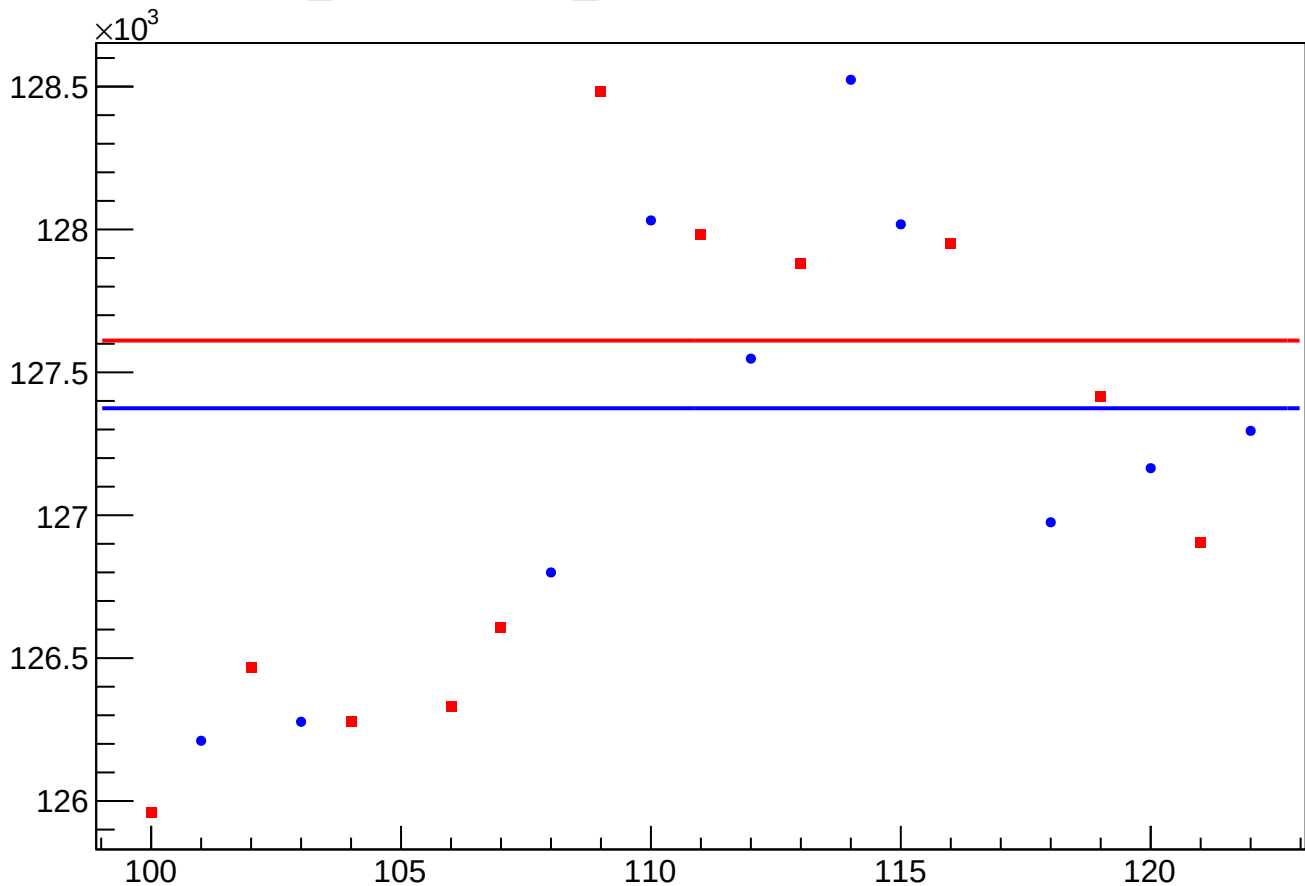
Right: 118.706 $\pm$ 0.032 χ^2 /NDF: 2594530.8/20

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: 118.706 $\pm$ 0.032 χ^2 /NDF: 2594530.8/20

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127374.357 $\pm$ 0.080 χ^2 /NDF: 55560365.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127611.263 $\pm$ 0.071 χ^2 /NDF: 85823890.0/10

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

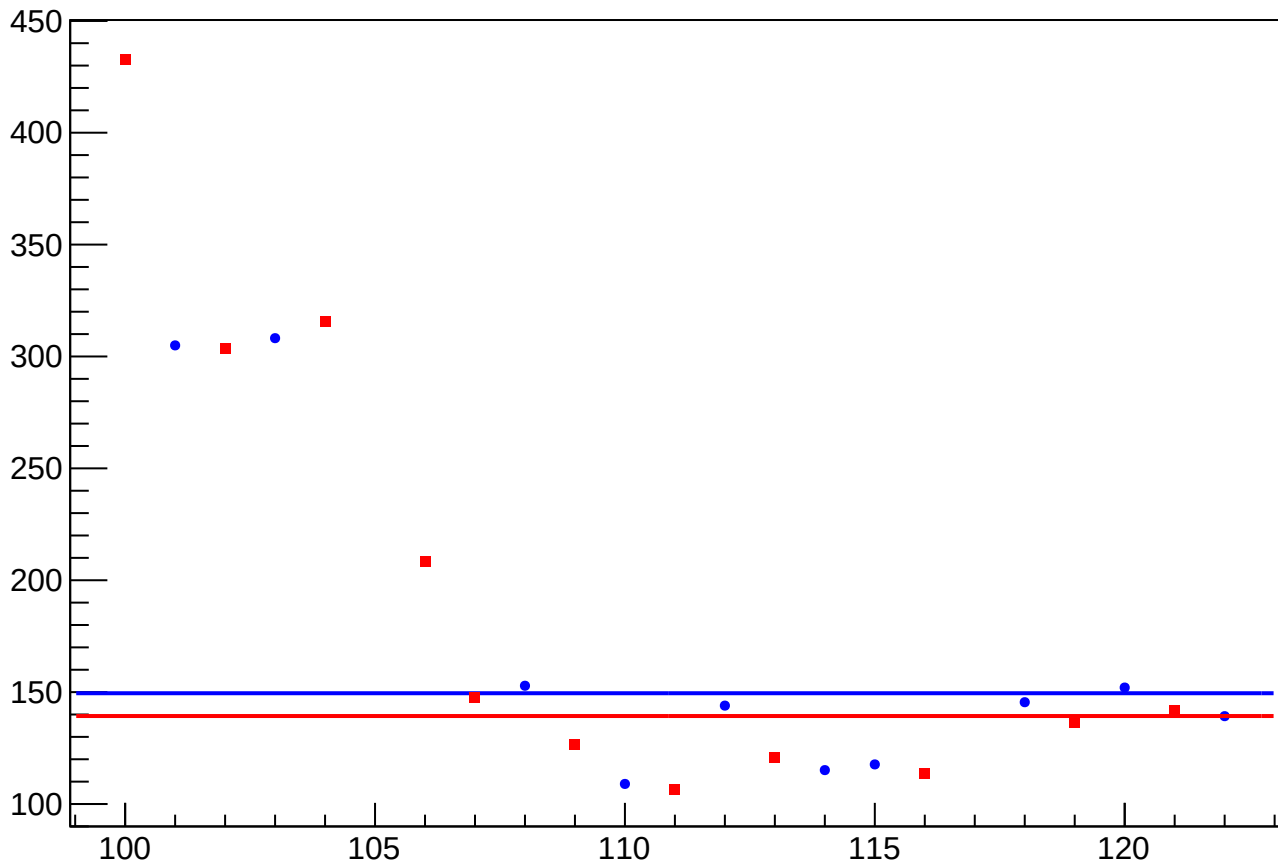
Right: 127506.872 $\pm$ 0.053 χ^2 /NDF: 146309482.2/2

In: 127374.357 $\pm$ 0.080 χ^2 /NDF:55560365.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127506.872 $\pm$ 0.053 χ^2 /NDF: 146309482.2/2

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: 139.319+/-0.050 χ^2/NDF : 969170.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

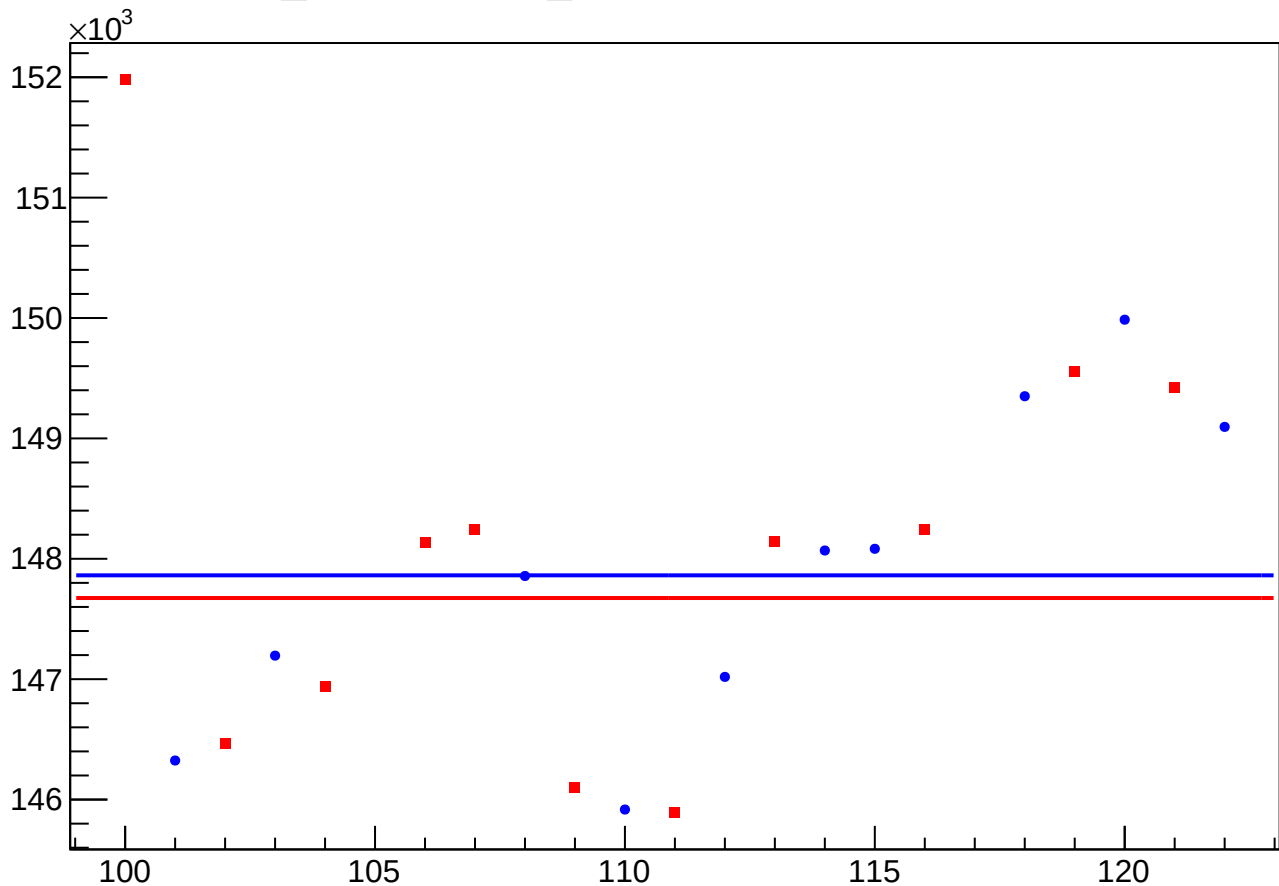
Right: 143.809+/-0.037 χ^2/NDF : 1790807.8/20

In: 149.507+/-0.056 χ^2/NDF : 803420.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.809+/-0.037 χ^2/NDF : 1790807.8/20

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: 147674.172 $\pm$ 0.103 χ^2 /NDF: 181759935.1/10

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

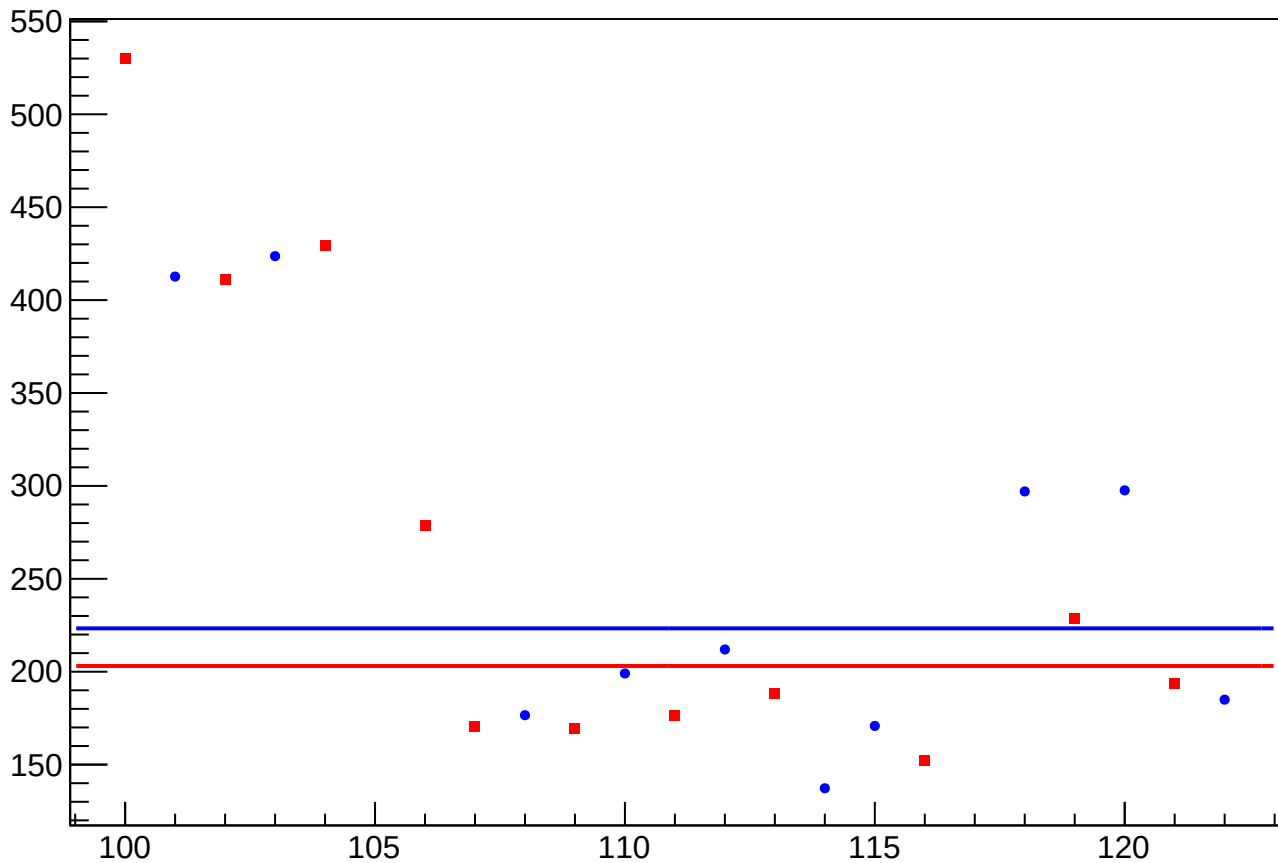
Right: 147754.239 $\pm$ 0.078 χ^2 /NDF: 281853619.2/2

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: 147754.239 $\pm$ 0.078 χ^2 /NDF: 281853619.2/2

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: 203.091+/-0.073 χ^2/NDF : 863578.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

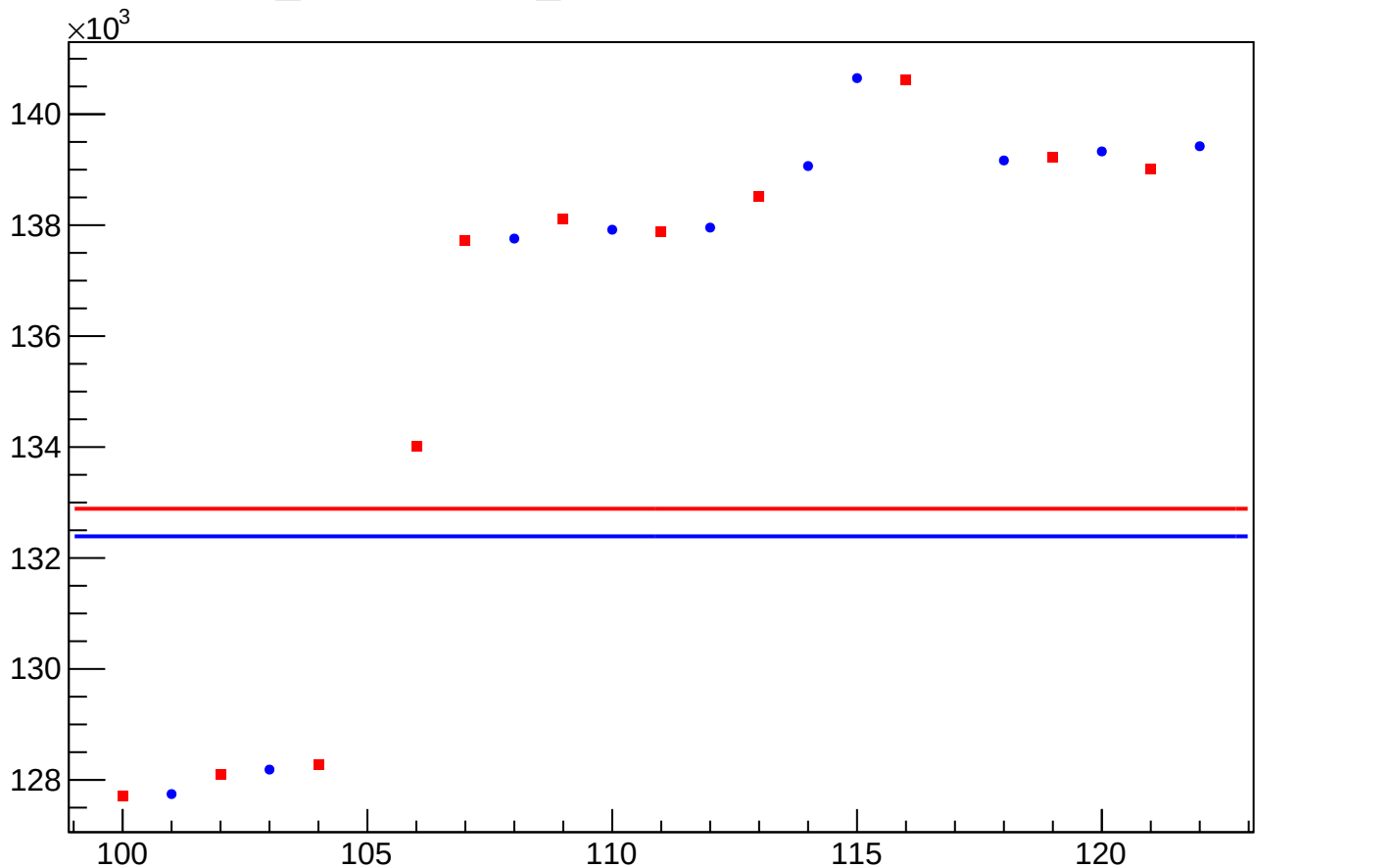
Right: 211.690+/-0.055 χ^2/NDF : 1759425.6/20

In: 223.328+/-0.085 χ^2/NDF : 863203.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

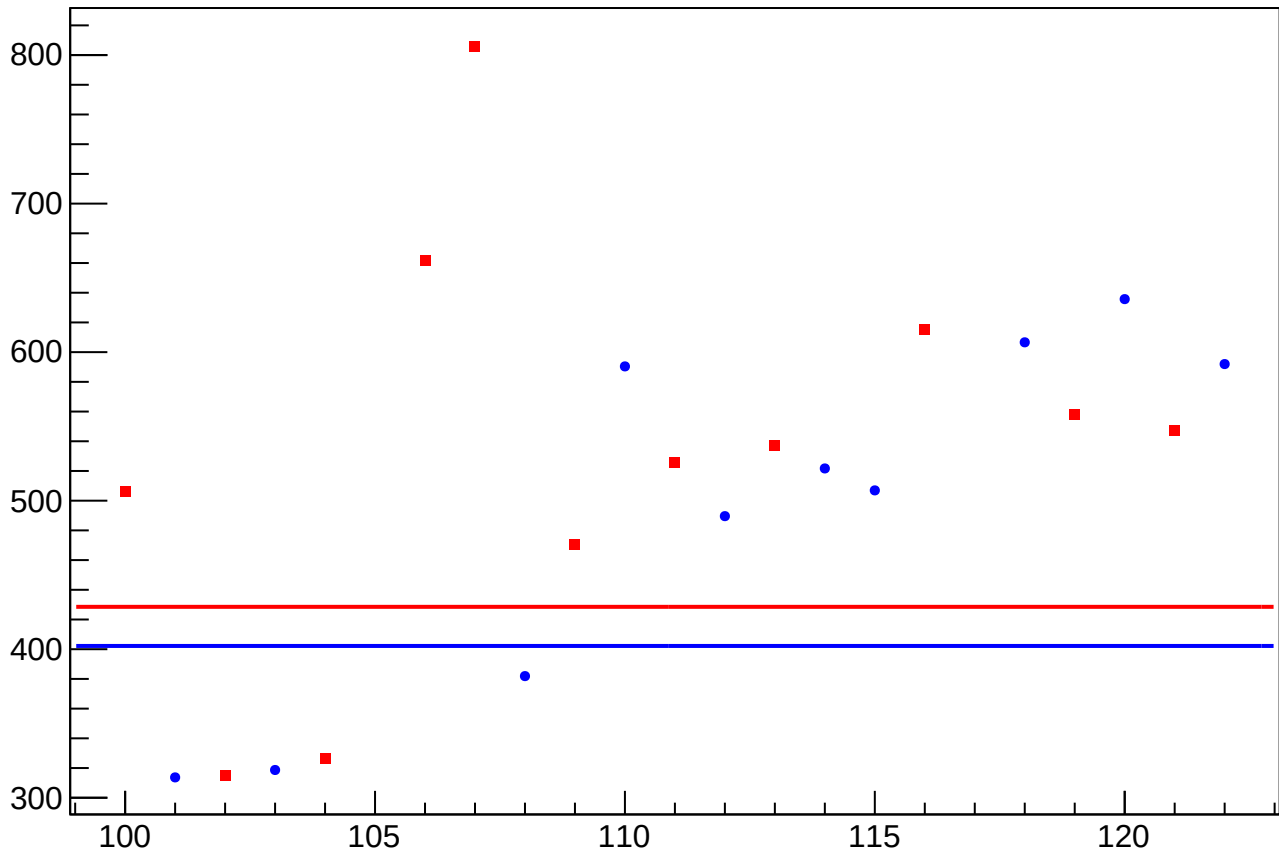
All: 211.690+/-0.055 χ^2/NDF : 1759425.6/20

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 Out: 132887.969+/-0.215 χ^2/NDF : 576337848.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 132390.747+/-0.216 χ^2/NDF : 599783285.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 132640.696+/-0.152 χ^2/NDF : 1178792049.7/9

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: 428.531+/-0.152 χ^2/NDF : 658212.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

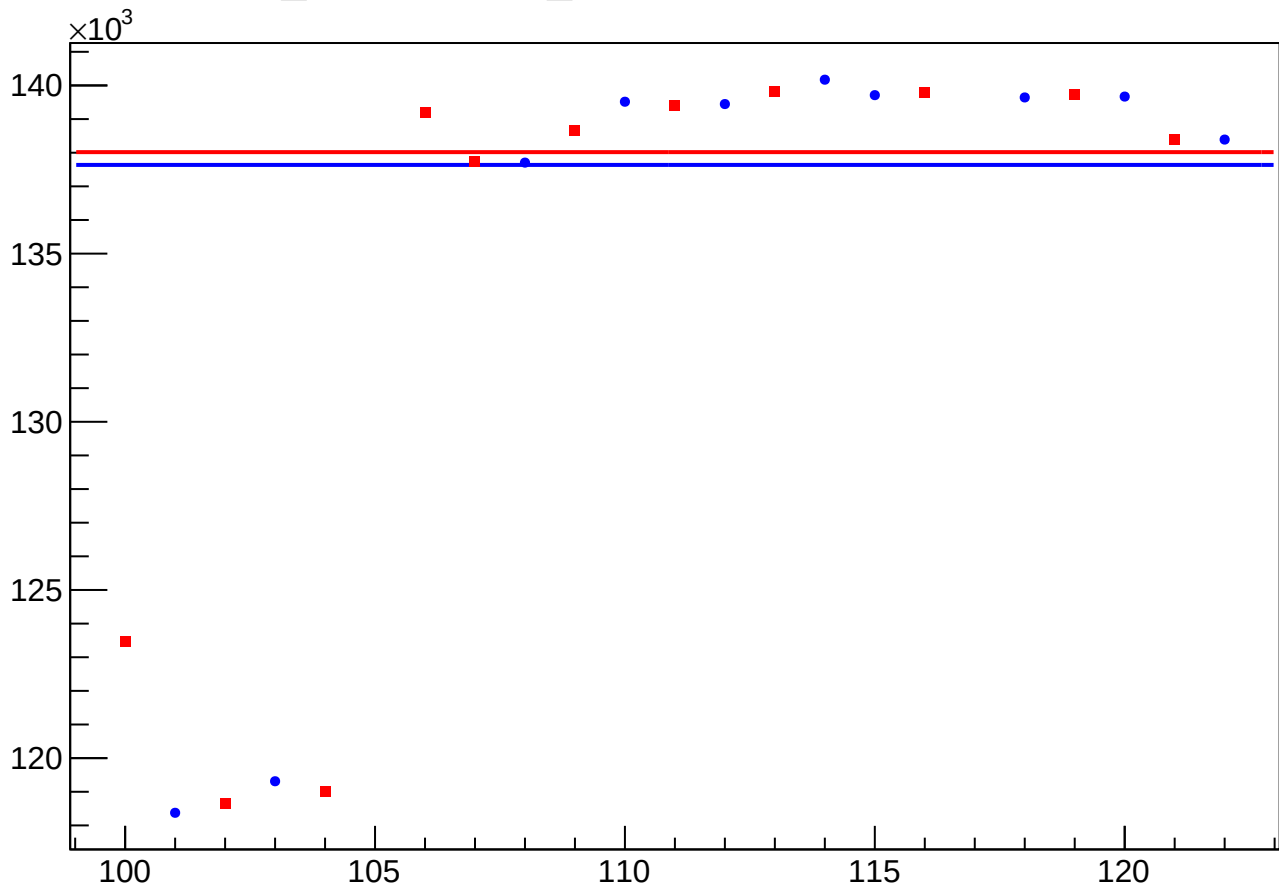
Right: 415.434+/-0.108 χ^2/NDF : 1258439.5/20

In: 402.195+/-0.153 χ^2/NDF : 585240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

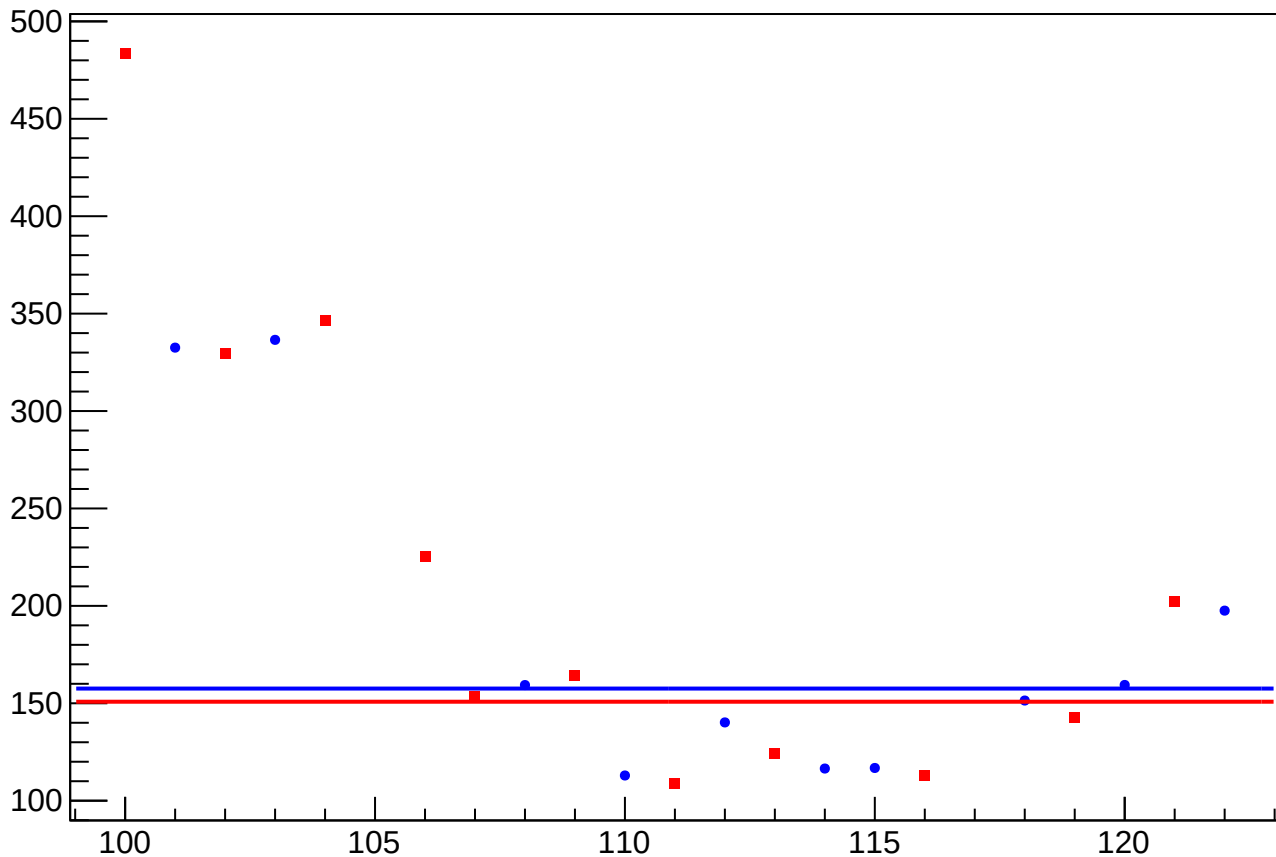
All: 415.434+/-0.108 χ^2/NDF : 1258439.5/20

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 137637.306 $\pm$ 0.085 χ^2 /NDF: 4406416247.2/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 138017.442 $\pm$ 0.078 χ^2 /NDF: 4186514877.6/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 137844.149 $\pm$ 0.057 χ^2 /NDF: 8603888101.6/10

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: 150.802+/-0.055 χ^2/NDF : 1128674.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

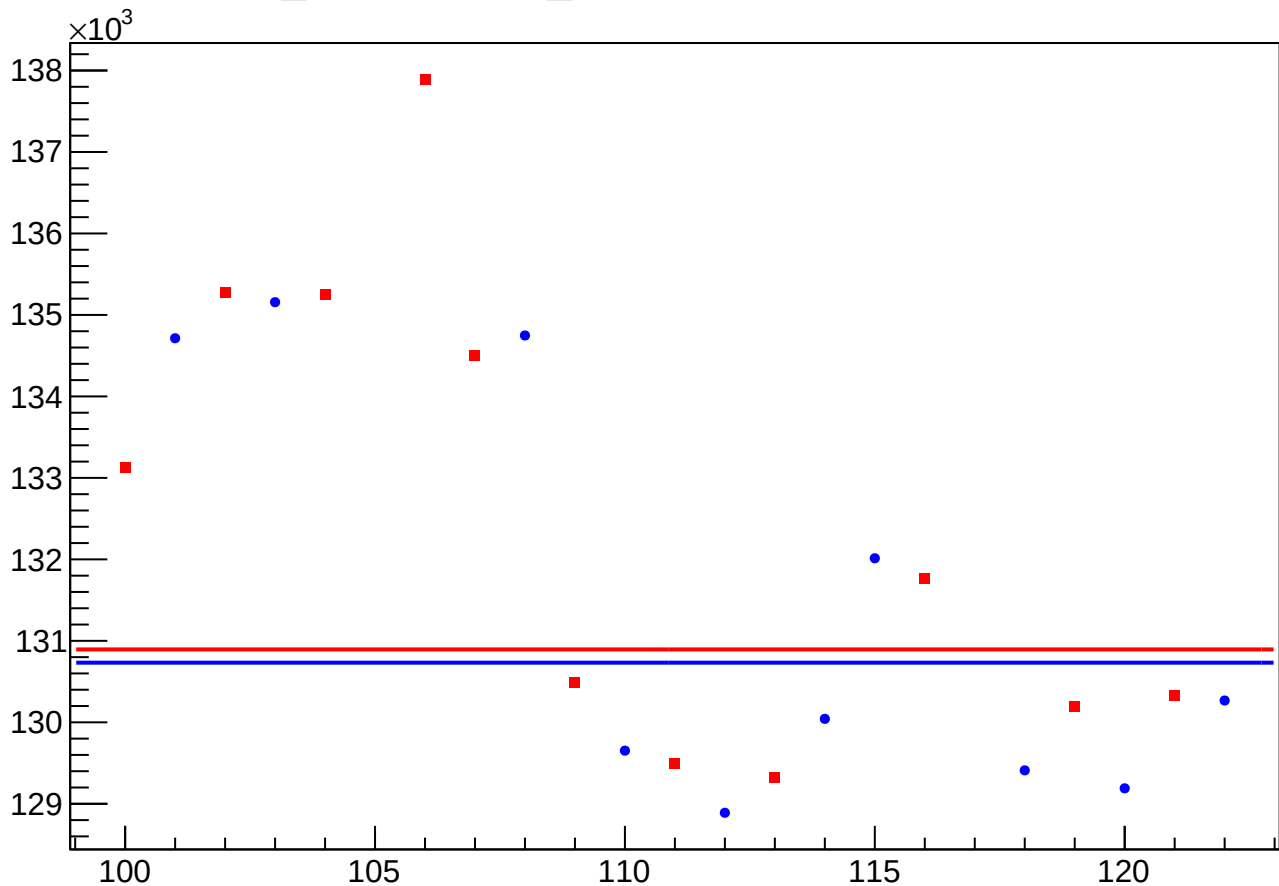
Right: 153.881+/-0.040 χ^2/NDF : 2055298.7/20

In: 157.557+/-0.060 χ^2/NDF : 919704.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

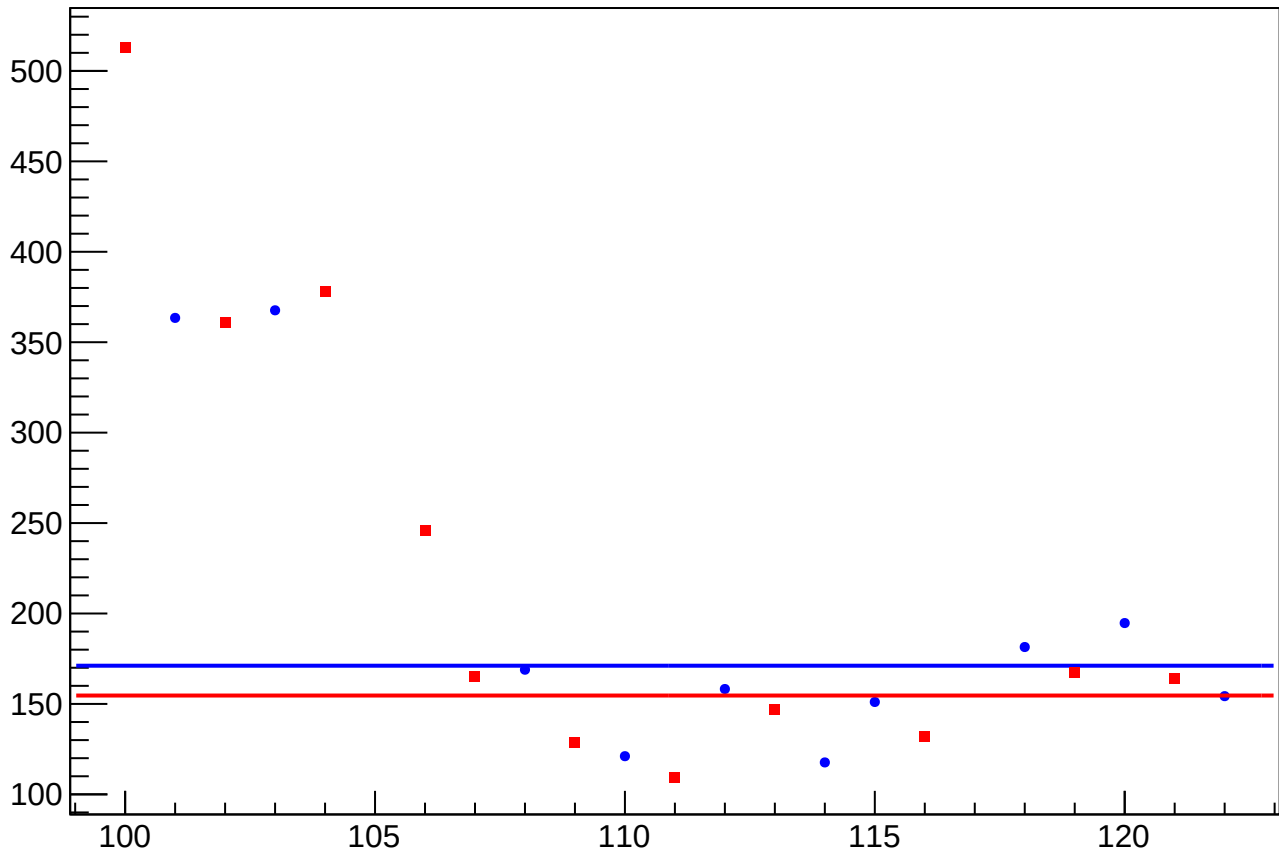
All: 153.881+/-0.040 χ^2/NDF : 2055298.7/20

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 130732.145 $\pm$ 0.093 χ^2 /NDF: 529269508.1/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 130894.798 $\pm$ 0.081 χ^2 /NDF: 640294945.4/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 130732.145 $\pm$ 0.093 χ^2 /NDF:529269508.1/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 130825.244 $\pm$ 0.061 χ^2 /NDF: 1171300524.1/9

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: 154.642+/-0.057 χ^2/NDF : 1142768.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

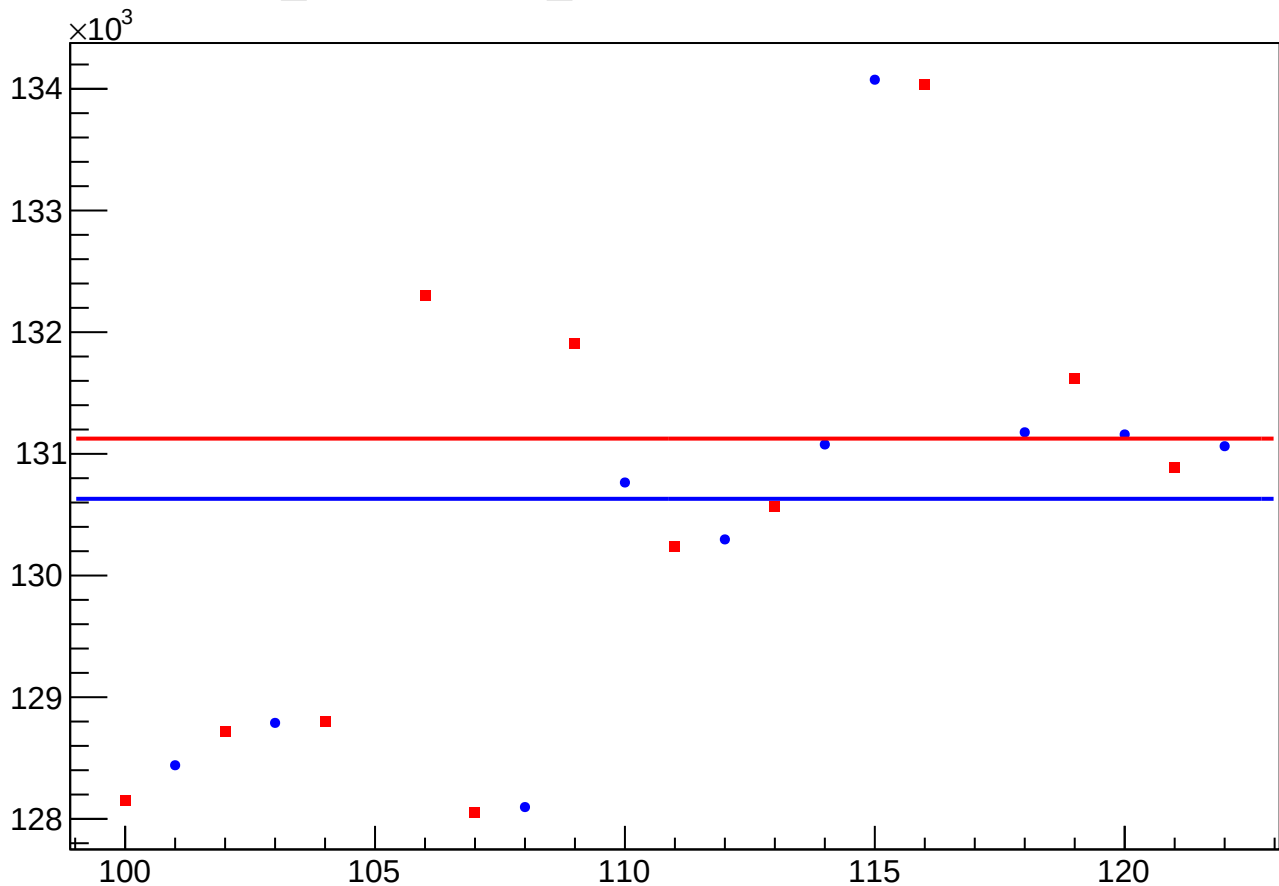
Right: 161.693+/-0.043 χ^2/NDF : 2082017.7/20

In: 171.132+/-0.066 χ^2/NDF : 903561.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

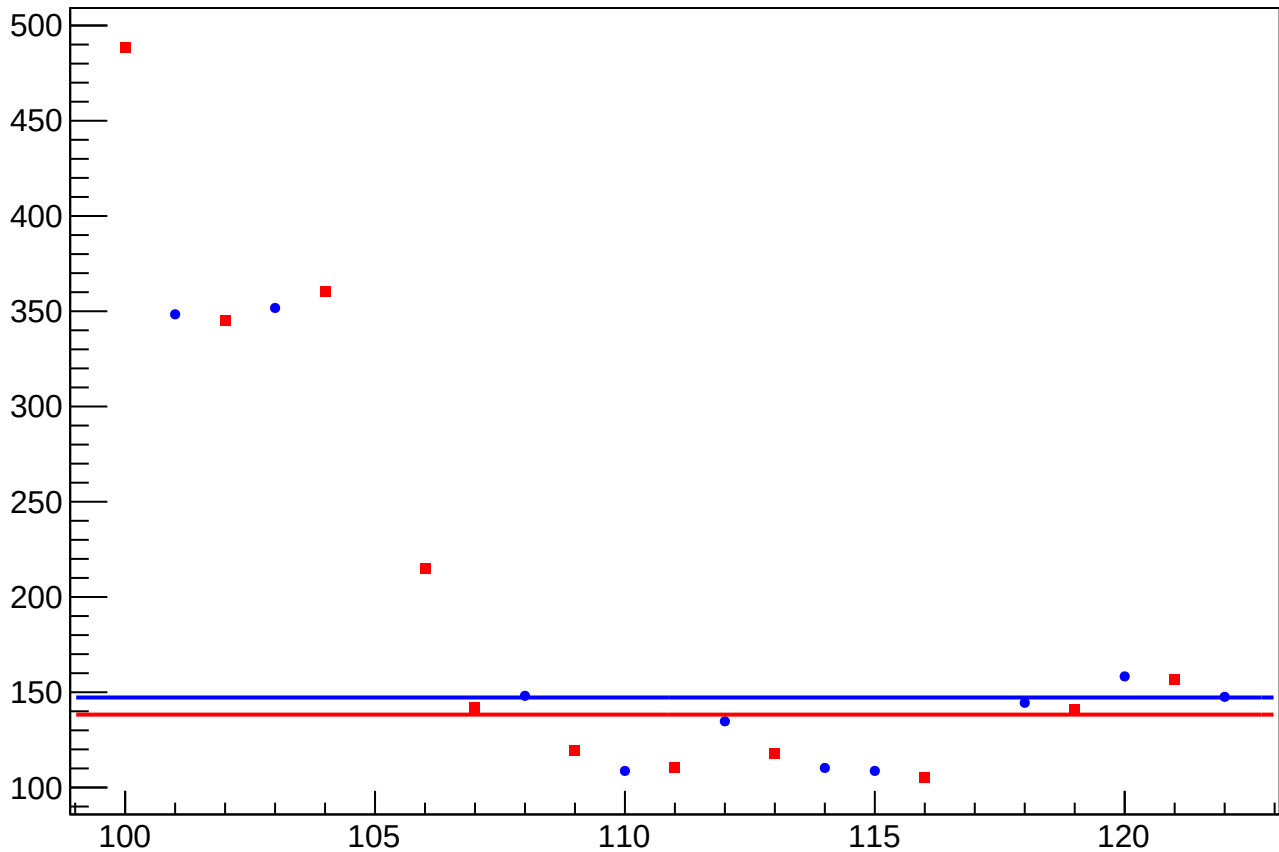
All: 161.693+/-0.043 χ^2/NDF : 2082017.7/20

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 130630.519 $\pm$ 0.080 χ^2 /NDF: 303417259.3/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 131125.359 $\pm$ 0.071 χ^2 /NDF: 431866351.5/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 130905.342 $\pm$ 0.053 χ^2 /NDF: 756766217.7/20
 In: 130630.519 $\pm$ 0.080 χ^2 /NDF:303417259.3/9
 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: 130905.342 $\pm$ 0.053 χ^2 /NDF: 756766217.7/20

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: 138.251+/-0.050 χ^2/NDF : 1169914.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

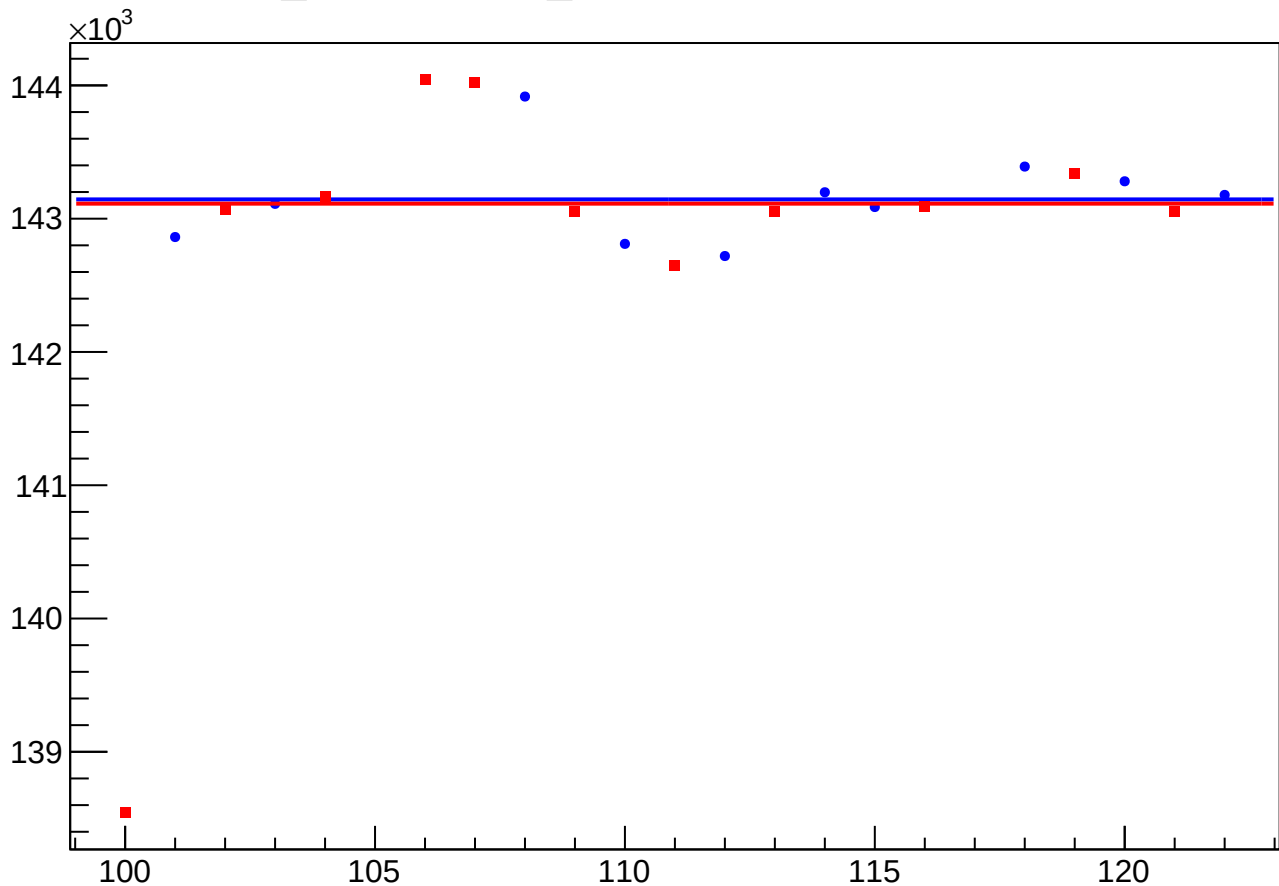
Right: 142.250+/-0.038 χ^2/NDF : 2186010.0/20

In: 147.243+/-0.056 χ^2/NDF : 1001908.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

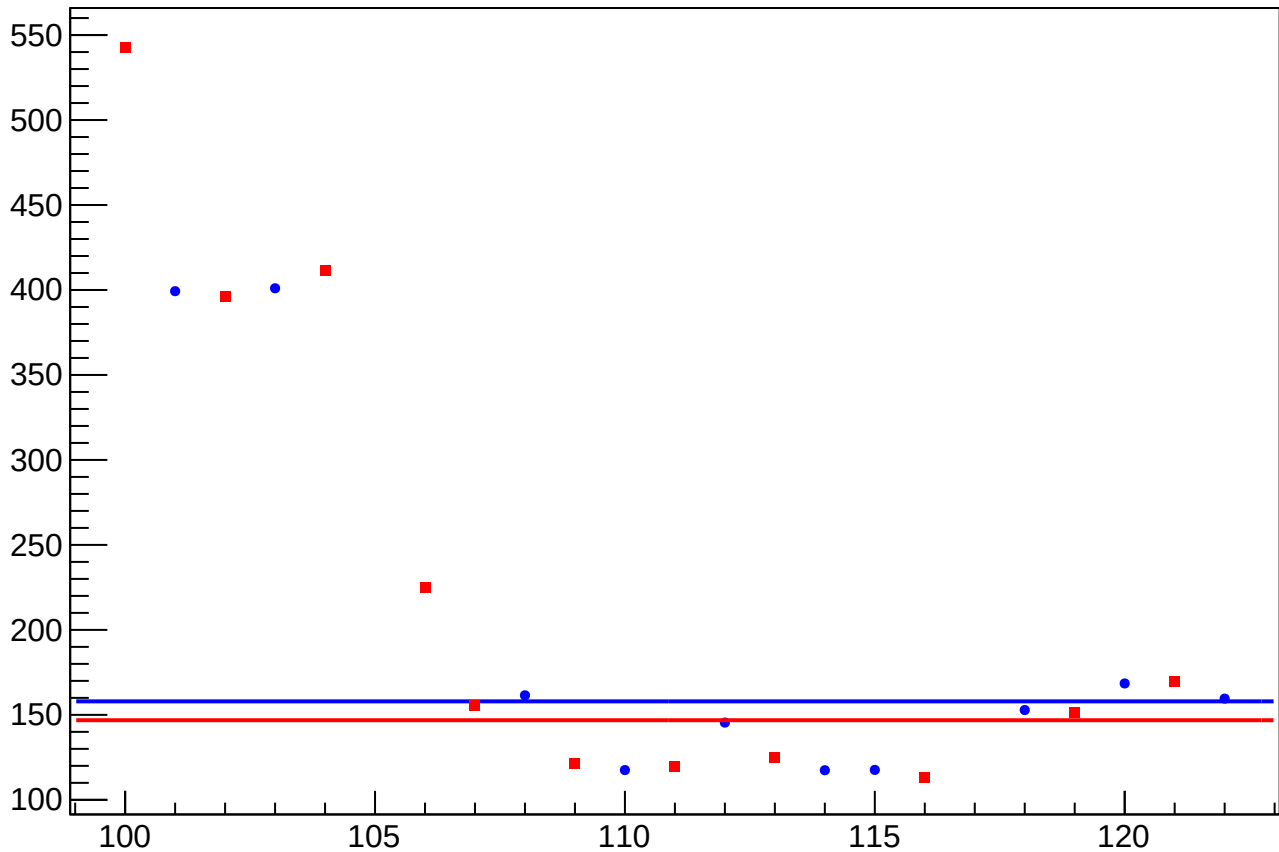
All: 142.250+/-0.038 χ^2/NDF : 2186010.0/20

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 143144.597 $\pm$ 0.086 χ^2 /NDF: 17433984.9/9
 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: 143126.797 $\pm$ 0.057 χ^2 /NDF: 43766512.9/20
 In: 143144.597 $\pm$ 0.086 χ^2 /NDF: 17433984.9/9
 Right Out: 143112.798 $\pm$ 0.076 χ^2 /NDF: 26255363.7/10
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 143126.797 $\pm$ 0.057 χ^2 /NDF: 43766512.9/20

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: 146.847 $\pm$ 0.054 χ^2 /NDF: 1263608.5/10

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

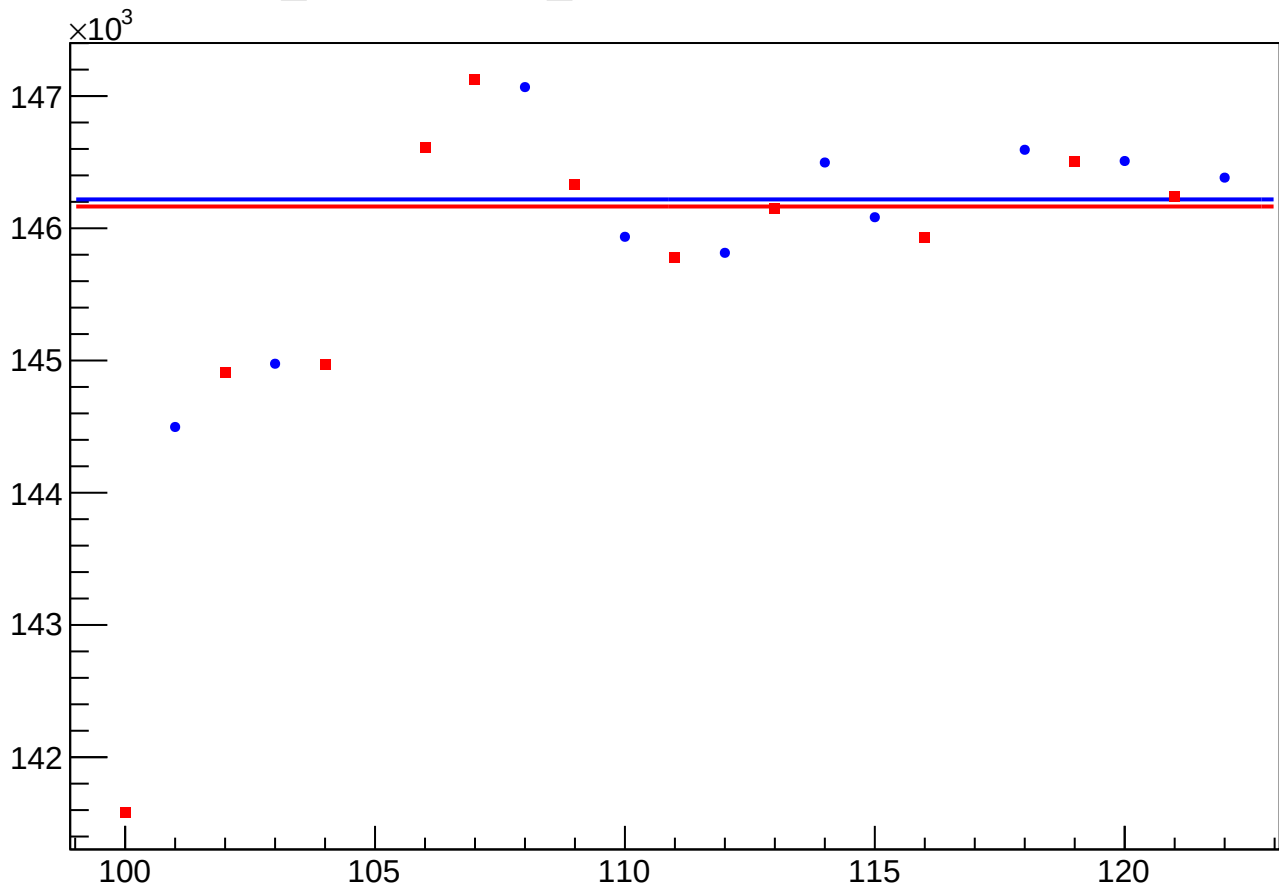
Right: 151.734 $\pm$ 0.040 χ^2 /NDF: 2357236.3/20

In: 157.947 $\pm$ 0.061 χ^2 /NDF:1074824.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

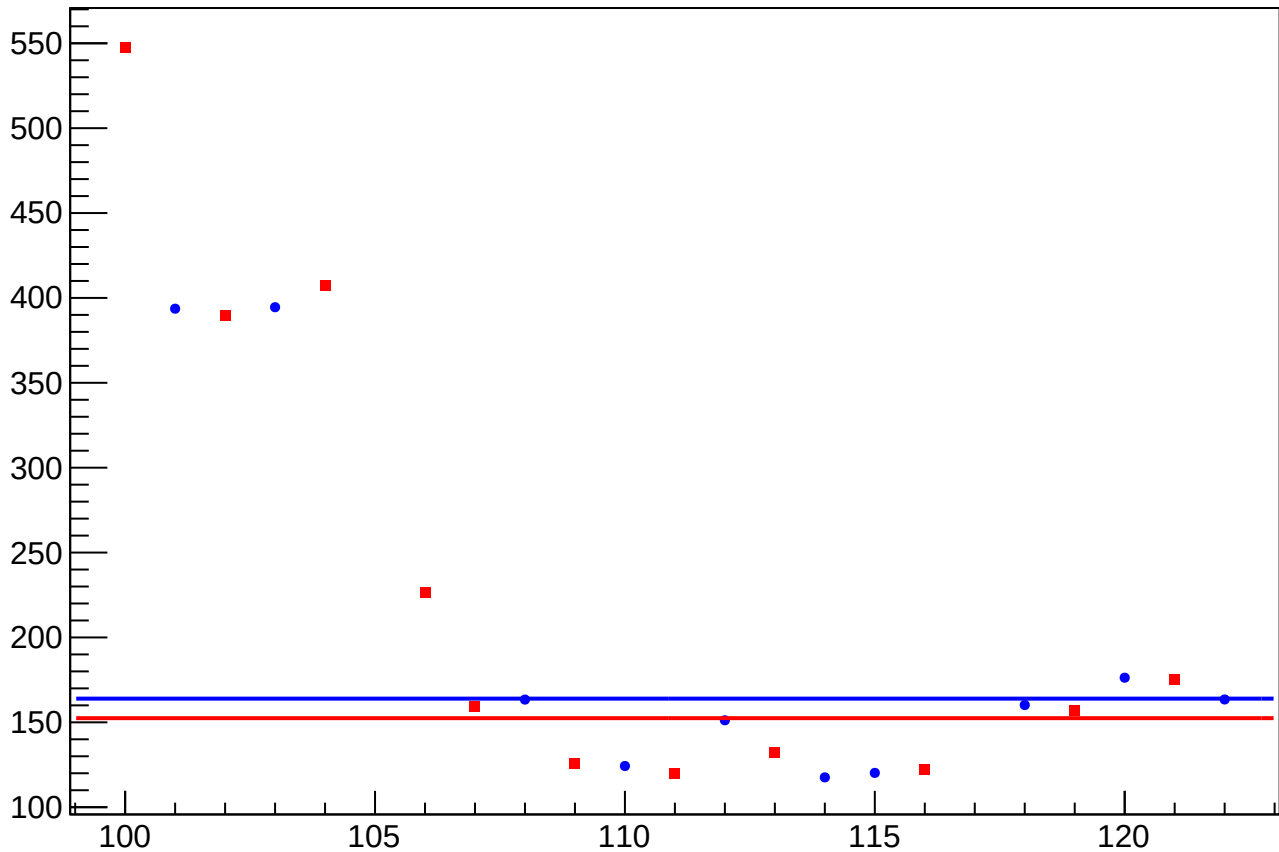
All: 151.734 $\pm$ 0.040 χ^2 /NDF: 2357236.3/20

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 146218.364 $\pm$ 0.089 χ^2 /NDF: 38875861.0/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 146164.749 $\pm$ 0.078 χ^2 /NDF: 35084416.0/10
 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: 146188.319 $\pm$ 0.059 χ^2 /NDF: 74165675.0/20
 In: 146218.364 $\pm$ 0.089 χ^2 /NDF: 38875861.0/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 146188.319 $\pm$ 0.059 χ^2 /NDF: 74165675.0/20

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 163.963+/-0.063 χ^2/NDF : 1010274.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.456+/-0.055 χ^2/NDF : 1198949.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

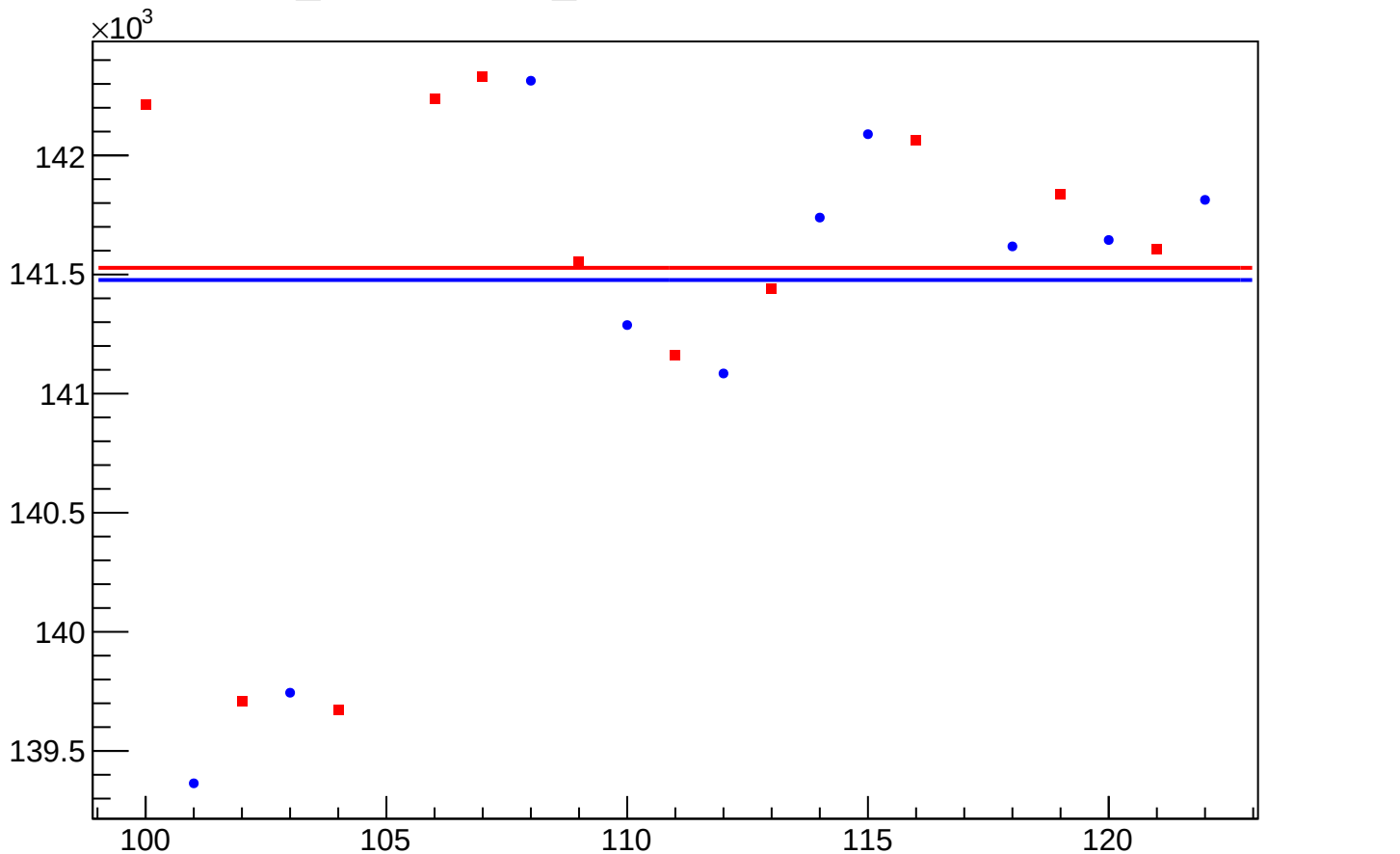
Right: 157.515+/-0.042 χ^2/NDF : 2228144.0/20

In: 163.963+/-0.063 χ^2/NDF : 1010274.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

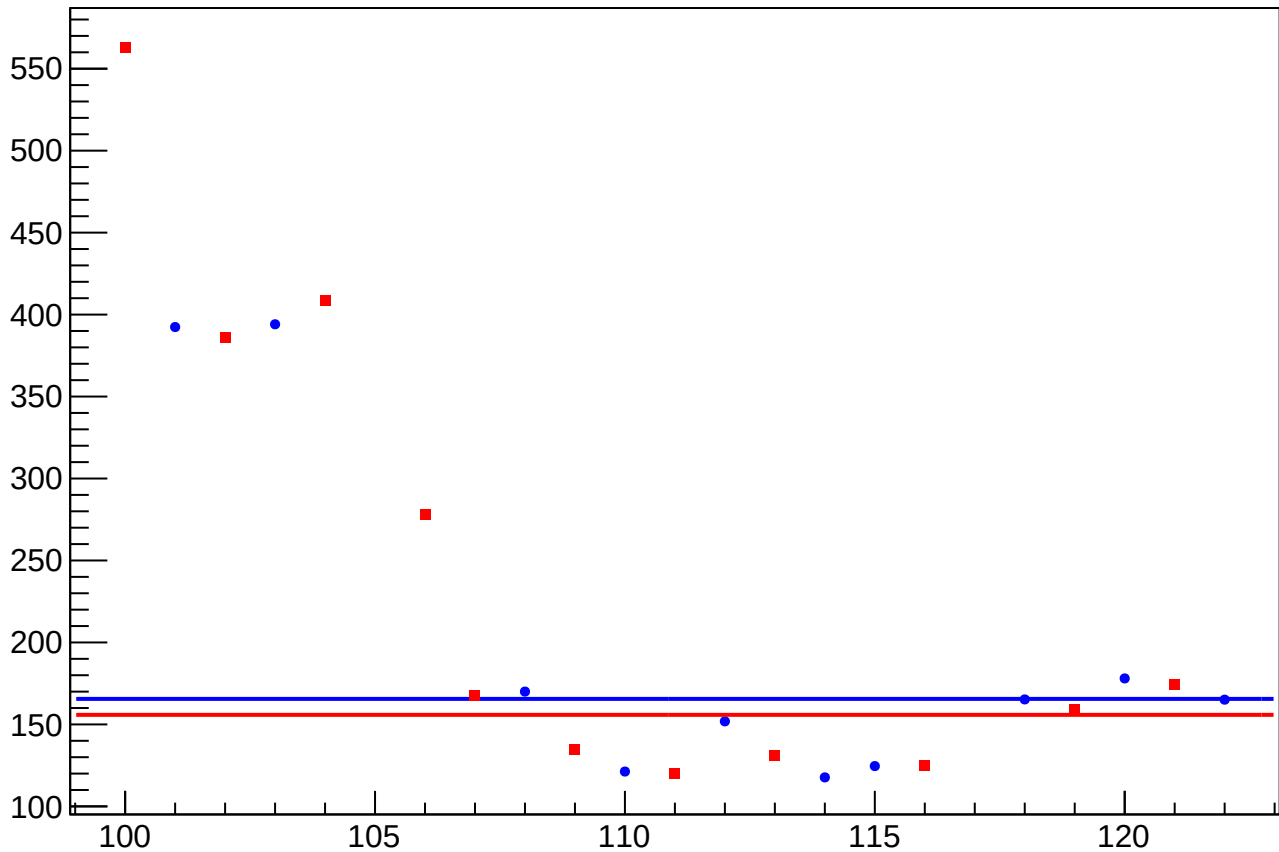
All: 157.515+/-0.042 χ^2/NDF : 2228144.0/20

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141476.912 ± 0.090 $\chi^2/\text{NDF}: 49884605.5/9$ Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Right: 141505.238 ± 0.060 $\chi^2/\text{NDF}: 93481894.3/20$
 Right Out: 141528.053 ± 0.080 $\chi^2/\text{NDF}: 43416594.6/10$ In: 141476.912 ± 0.090 $\chi^2/\text{NDF}: 49884605.5/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 141505.238 ± 0.060 $\chi^2/\text{NDF}: 93481894.3/20$

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: 155.837+/-0.057 χ^2/NDF : 1220005.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

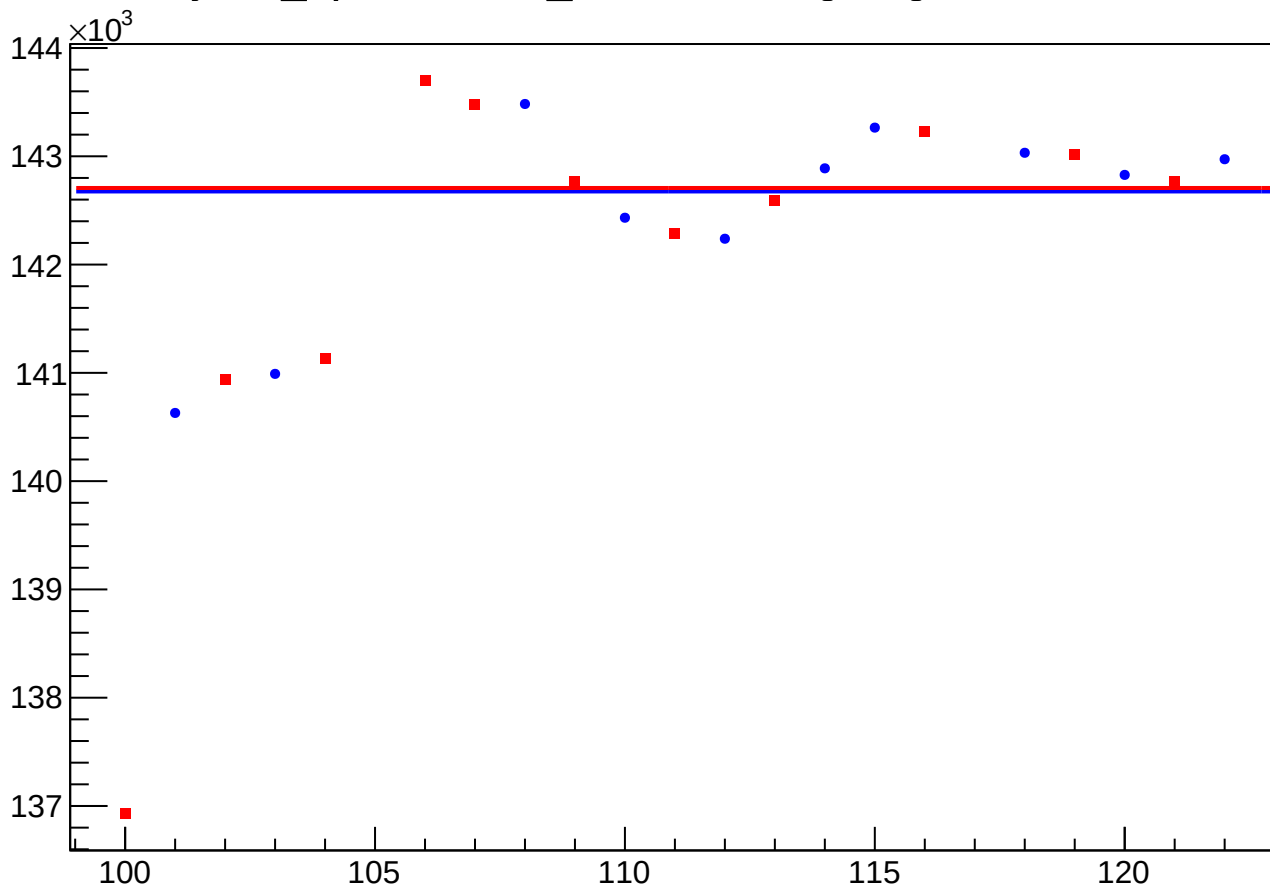
Right: 160.181+/-0.042 χ^2/NDF : 2246501.6/20

In: 165.573+/-0.063 χ^2/NDF : 1013397.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.181+/-0.042 χ^2/NDF : 2246501.6/20

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: 142693.307+/-0.060 χ^2/NDF : 101375264.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142707.324+/-0.080 χ^2/NDF : 51908809.3/10

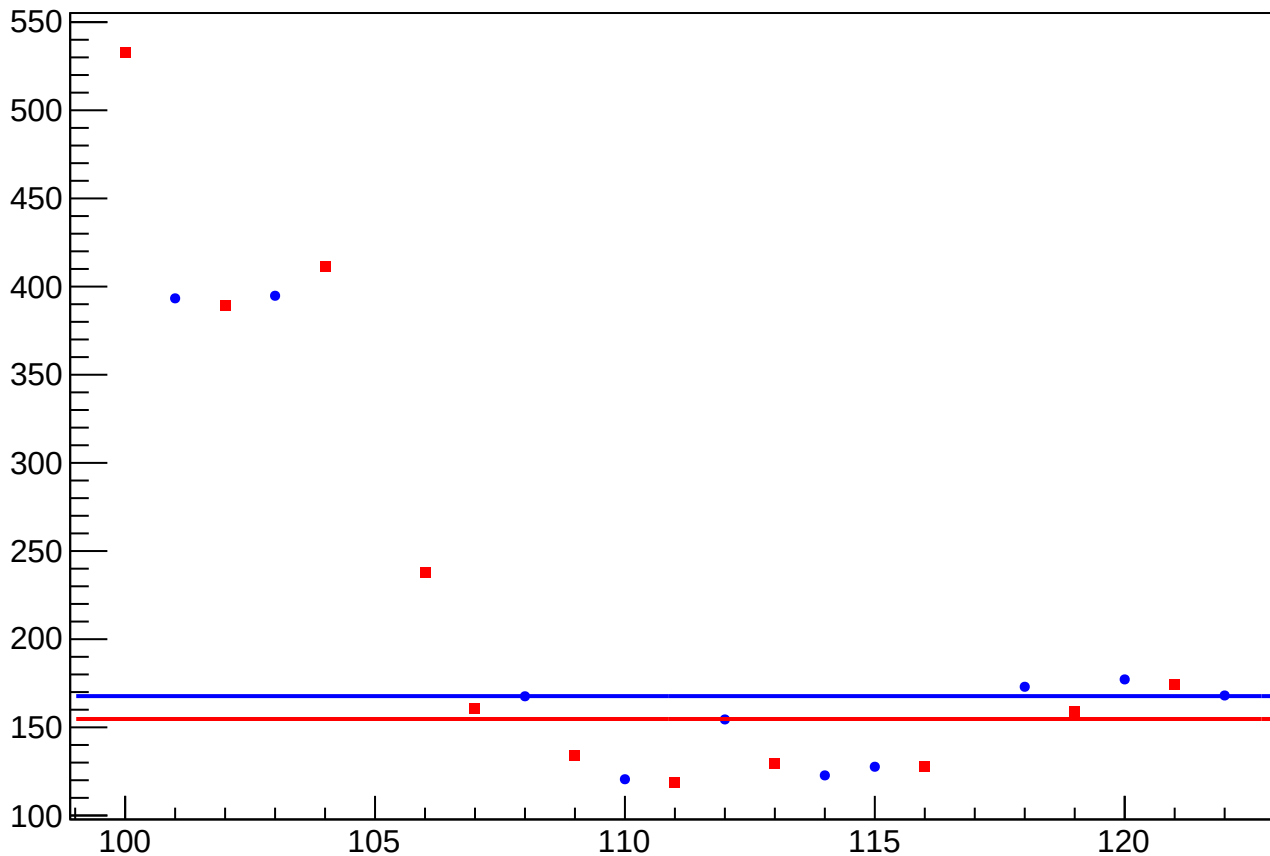
In: 142675.201+/-0.091 χ^2/NDF : 49395643.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142693.307+/-0.060 χ^2/NDF : 101375264.2/2

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: 154.734+/-0.056 χ^2/NDF : 1180949.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

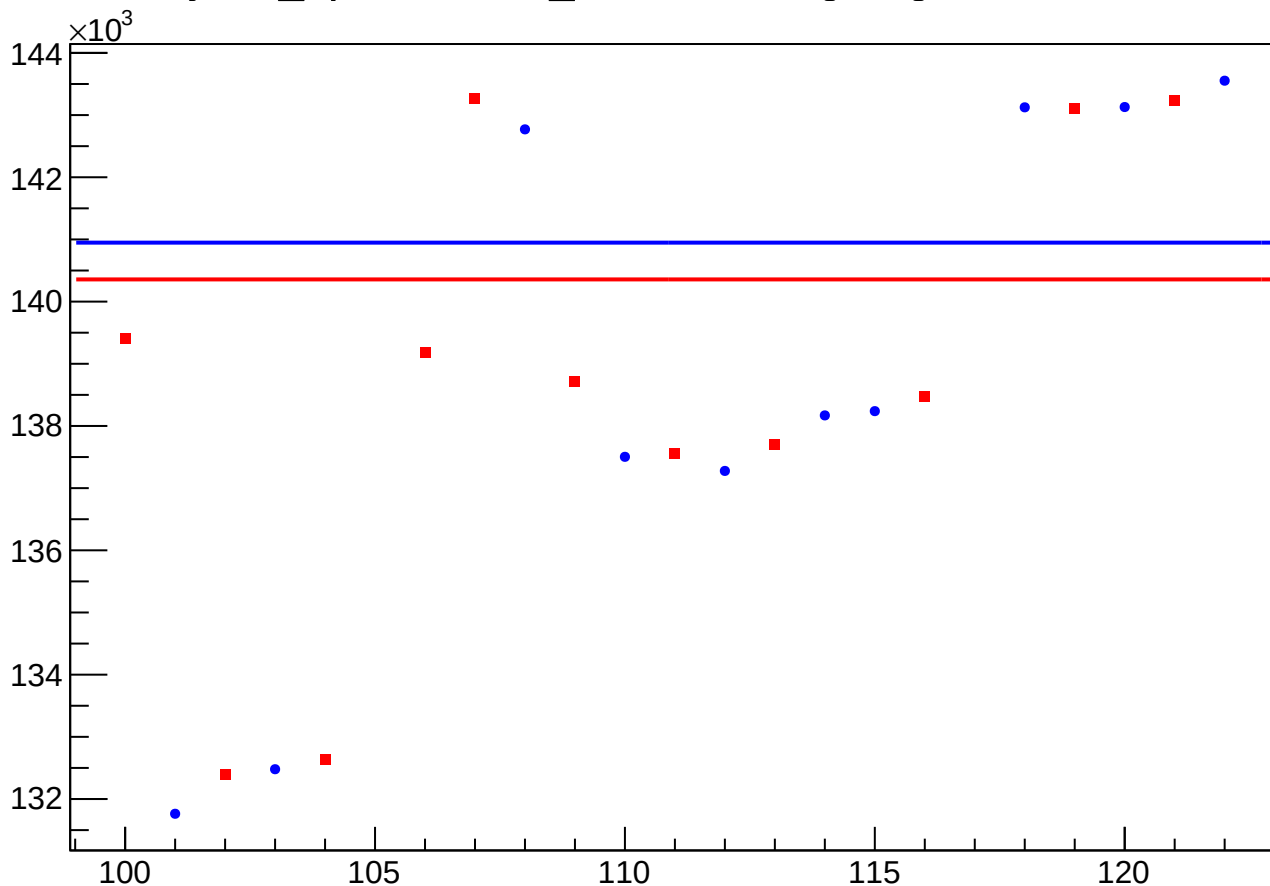
Right: 160.397+/-0.042 χ^2/NDF : 2207502.4/20

In: 167.713+/-0.064 χ^2/NDF : 1003434.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

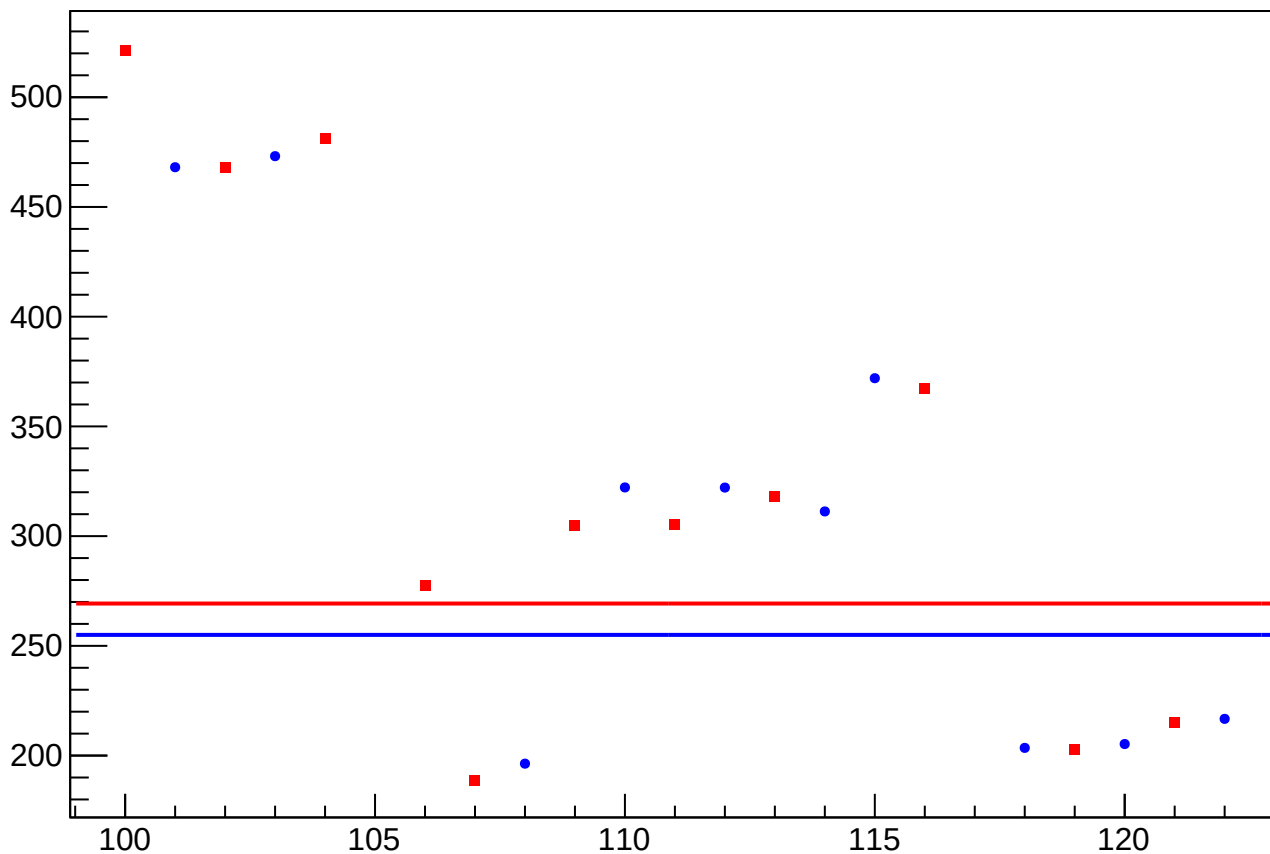
All: 160.397+/-0.042 χ^2/NDF : 2207502.4/20

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140948.480 $\pm$ 0.135 χ^2 /NDF: 752361101.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 140356.957 $\pm$ 0.135 χ^2 /NDF: 644636530.5/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 140652.833 $\pm$ 0.095 χ^2 /NDF: 1406594496.5/9

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: 269.284+/-0.095 χ^2/NDF : 800537.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

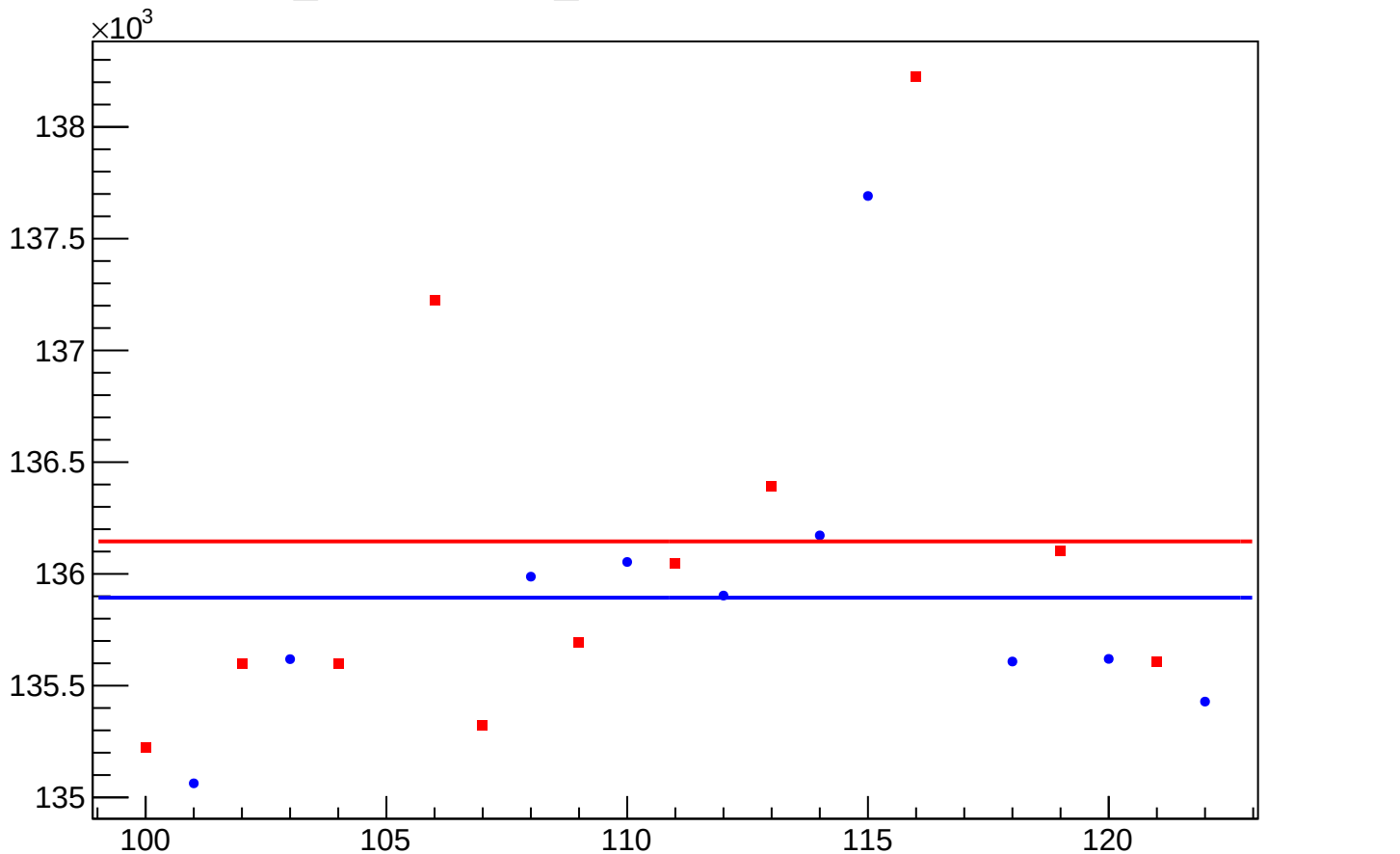
Right: 262.137+/-0.068 χ^2/NDF : 1645947.1/20

In: 254.996+/-0.095 χ^2/NDF : 834210.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

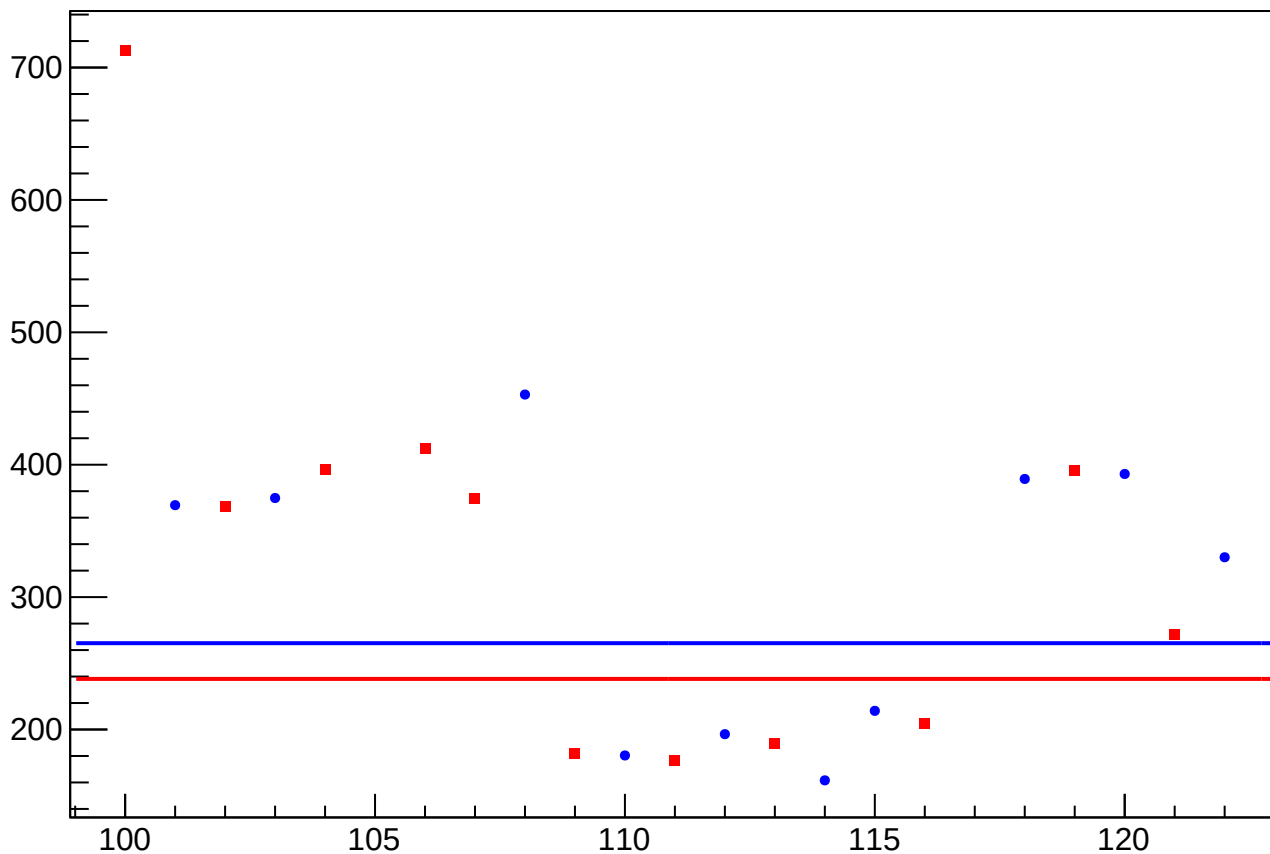
All: 262.137+/-0.068 χ^2/NDF : 1645947.1/20

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135893.560 $\pm$ 0.142 χ^2/NDF : 14926189.5/9
 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: 136038.722 $\pm$ 0.093 χ^2/NDF : 53279725.1/20
 Right Out: 136145.416 $\pm$ 0.122 χ^2/NDF : 36543552.4/10
 In: 135893.560 $\pm$ 0.142 χ^2/NDF : 14926189.5/9
 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: 136038.722 $\pm$ 0.093 χ^2/NDF : 53279725.1/20

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: 238.212+/-0.086 χ^2/NDF : 1010763.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

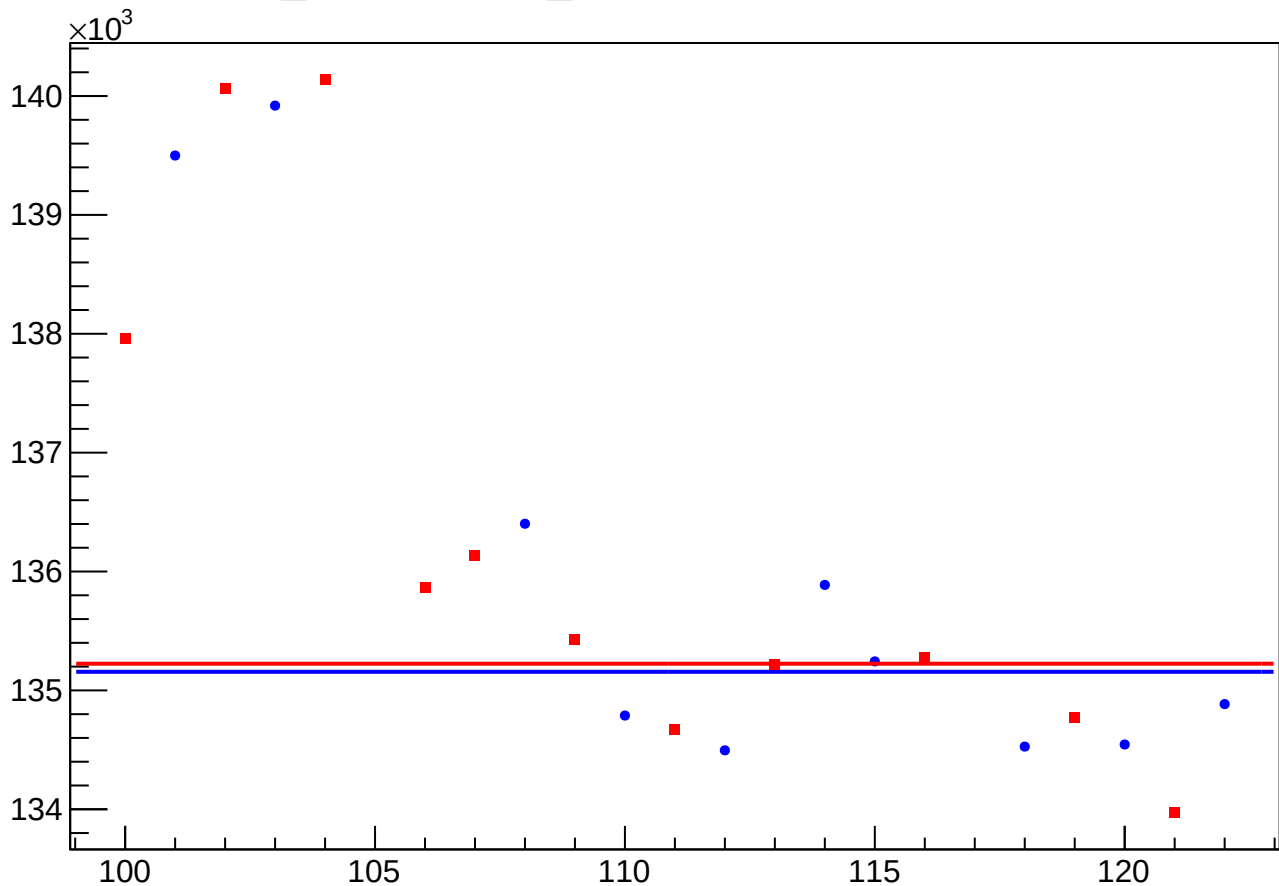
Right: 249.645+/-0.065 χ^2/NDF : 1971890.8/20

In: 265.200+/-0.100 χ^2/NDF : 919562.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

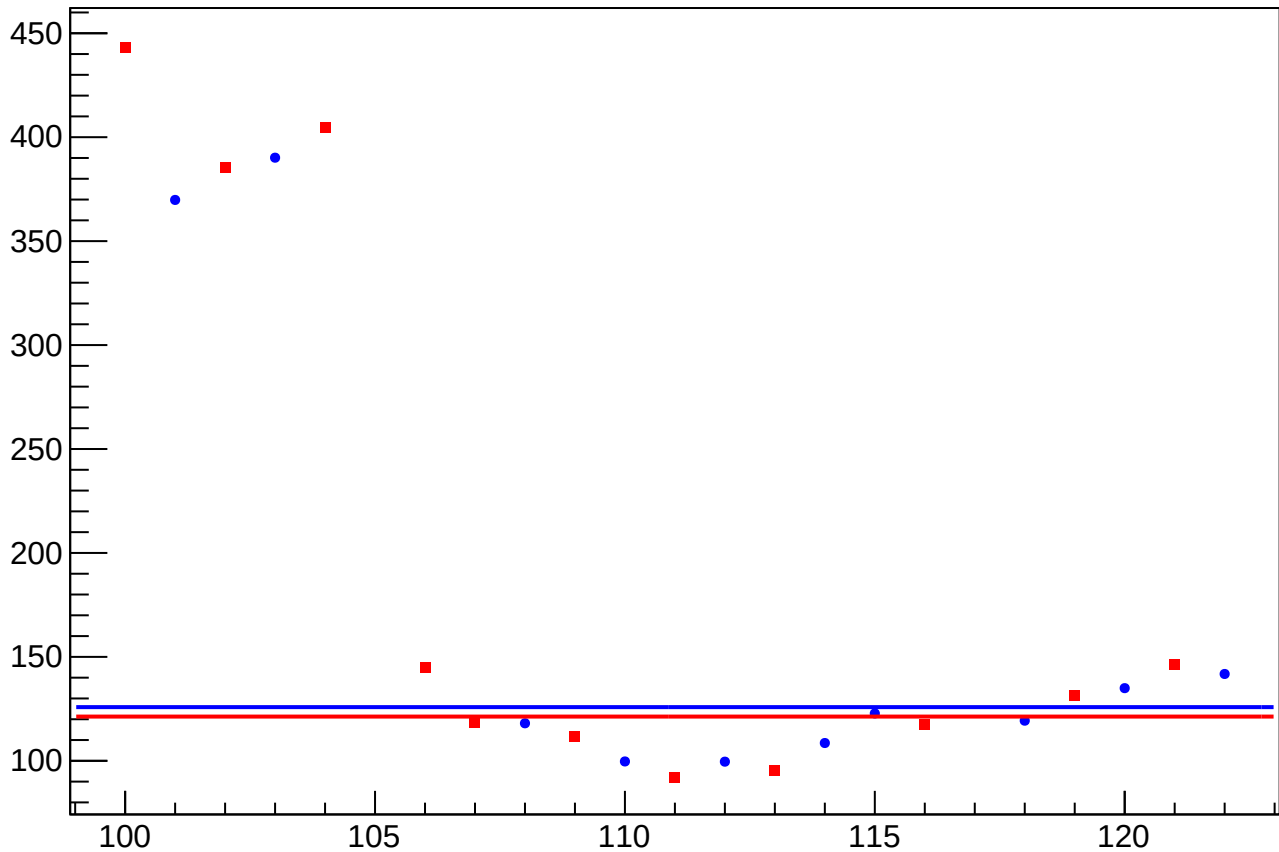
All: 249.645+/-0.065 χ^2/NDF : 1971890.8/20

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 135193.153+/-0.047 χ^2 /NDF: 529646560.8/2
 Right In: 135156.428+/-0.069 χ^2 /NDF: 274831631.0/9
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 135156.428+/-0.069 χ^2 /NDF: 274831631.0/9
 Right Out: 135224.540+/-0.064 χ^2 /NDF: 254292399.4/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 135193.153+/-0.047 χ^2 /NDF: 529646560.8/2

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: 121.284+/-0.045 χ^2/NDF : 1396441.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

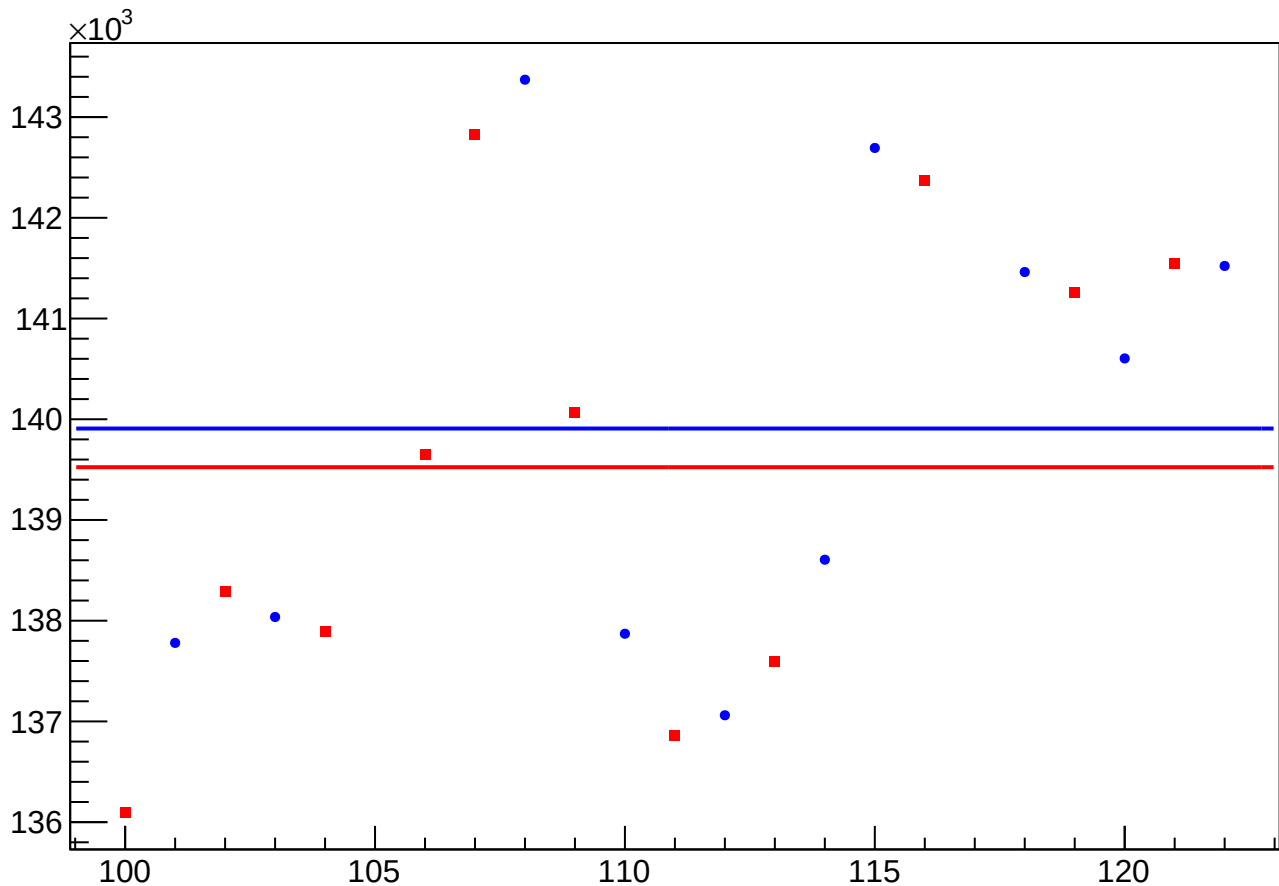
Right: 123.380+/-0.033 χ^2/NDF : 2658971.9/20

In: 125.832+/-0.049 χ^2/NDF : 1257872.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

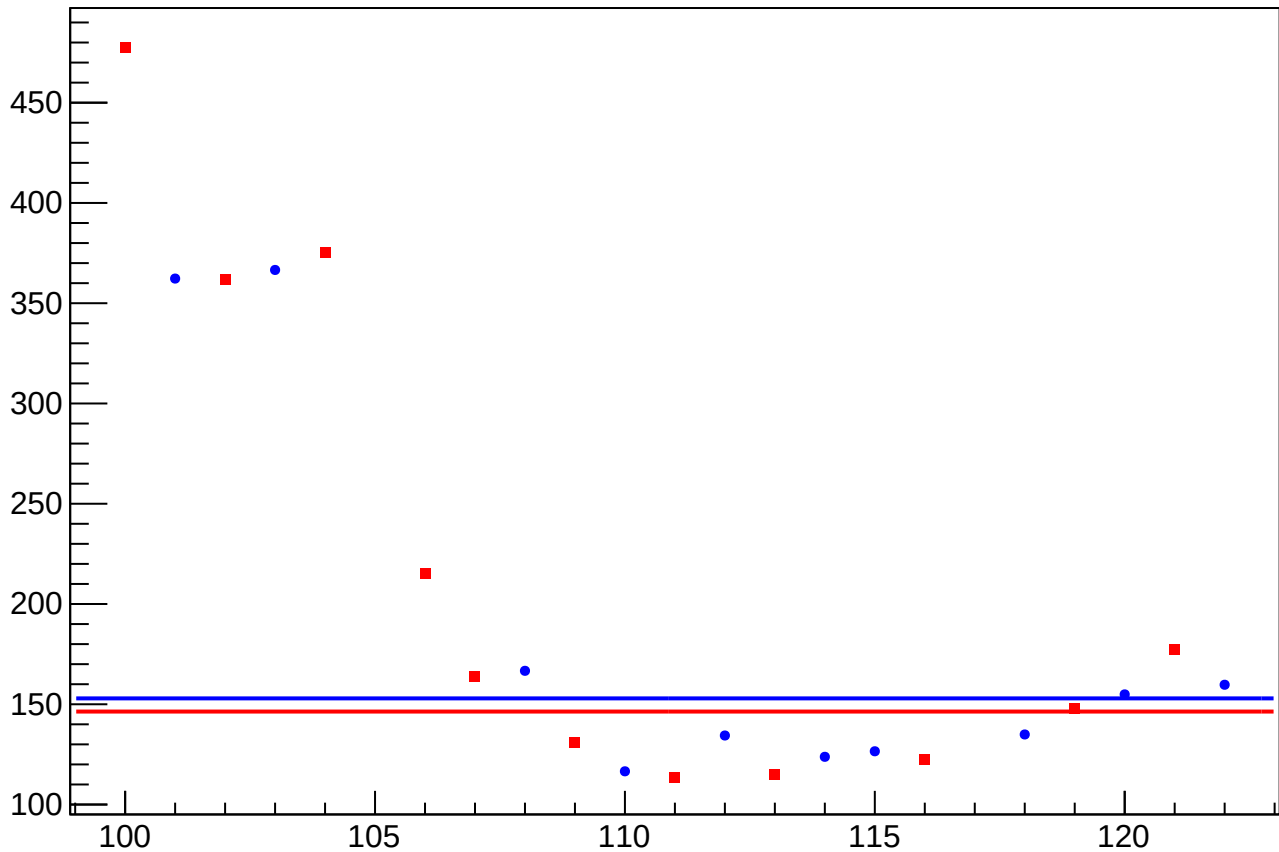
All: 123.380+/-0.033 χ^2/NDF : 2658971.9/20

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
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 139699.948+/-0.056 χ^2 /NDF: 1461382742.3/10
 In: 139907.886+/-0.082 χ^2 /NDF: 699964230.4/9
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 139699.948+/-0.056 χ^2 /NDF: 1461382742.3/10

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: 146.366+/-0.054 χ^2/NDF : 1164380.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

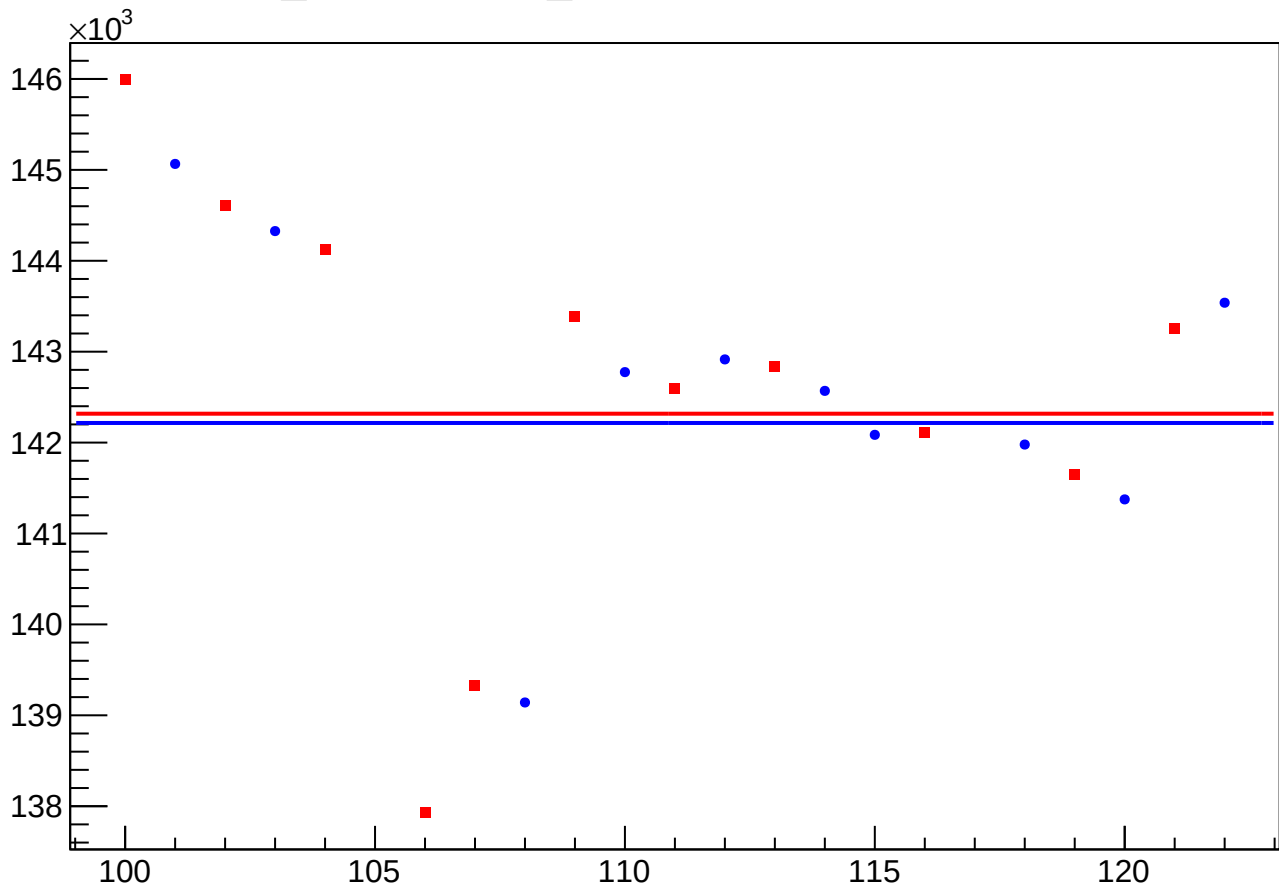
Right: 149.376+/-0.039 χ^2/NDF : 2153090.0/20

In: 152.933+/-0.058 χ^2/NDF : 981832.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

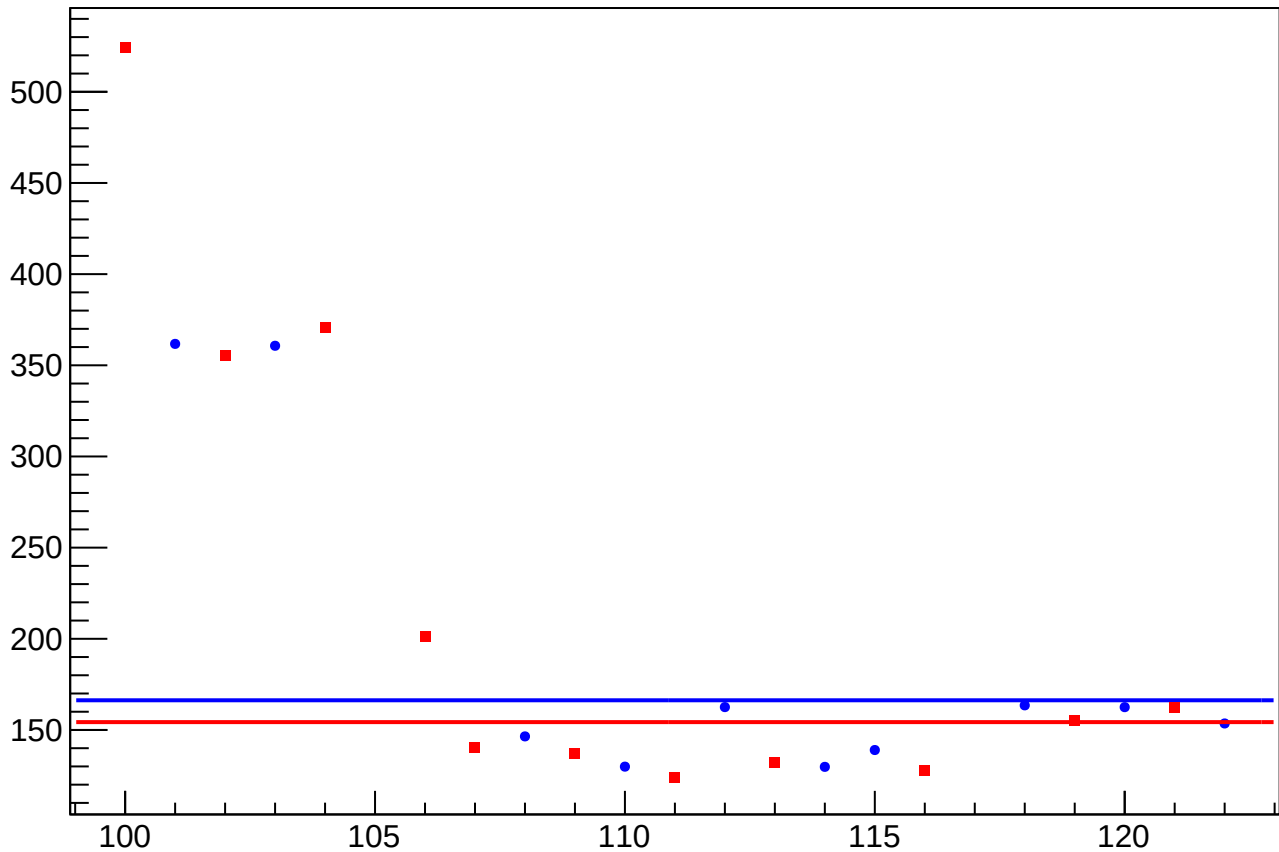
All: 149.376+/-0.039 χ^2/NDF : 2153090.0/20

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142215.839+/-0.089 χ^2/NDF : 286584905.8/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 142317.818+/-0.079 χ^2/NDF : 334740810.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 142272.818+/-0.059 χ^2/NDF : 622058602.5/20
 In: 142215.839+/-0.089 χ^2/NDF : 286584905.8/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 142272.818+/-0.059 χ^2/NDF : 622058602.5/20

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: 154.306+/-0.056 χ^2/NDF : 984971.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

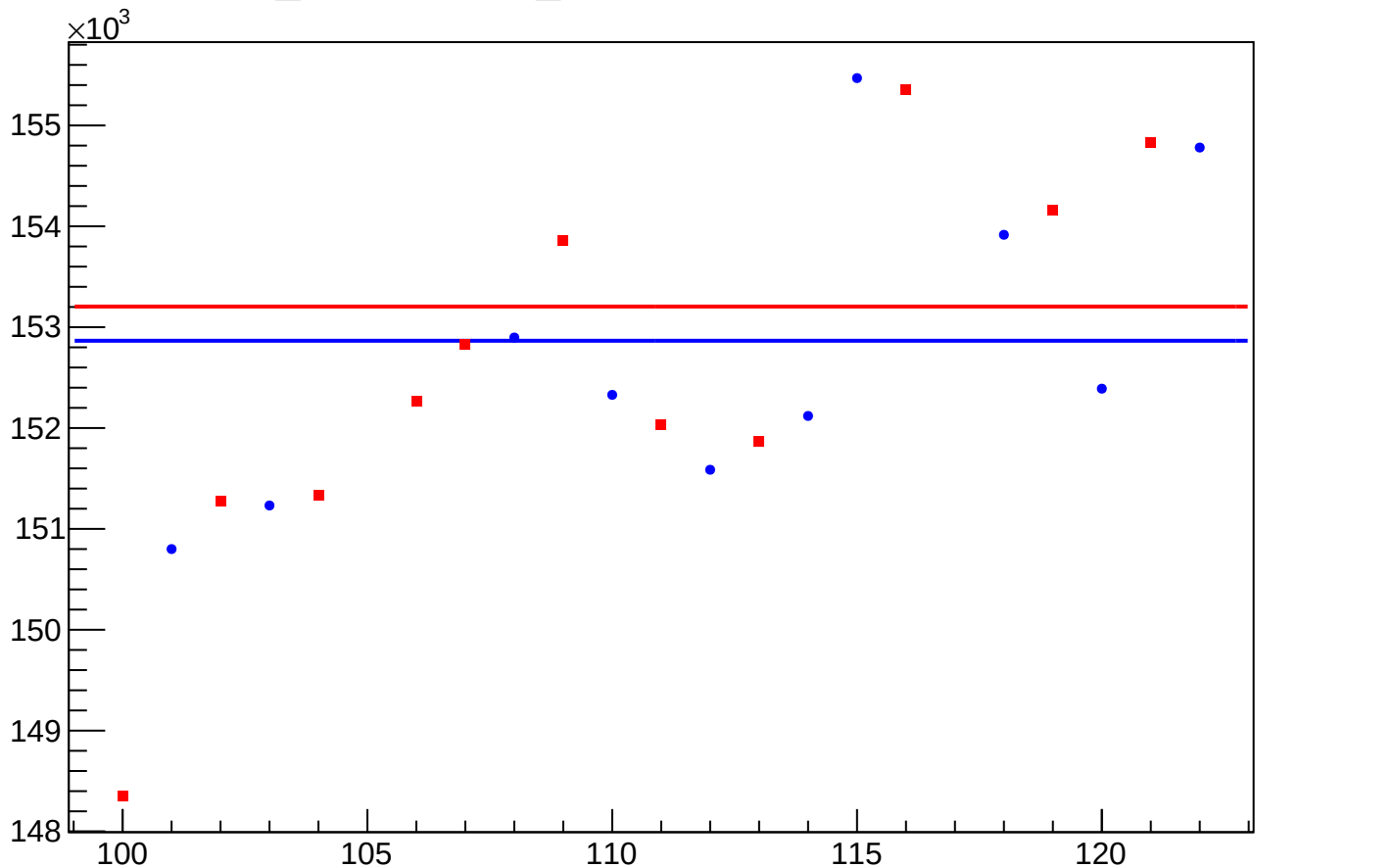
Right: 159.590+/-0.042 χ^2/NDF : 1840361.5/20

In: 166.280+/-0.063 χ^2/NDF : 835183.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

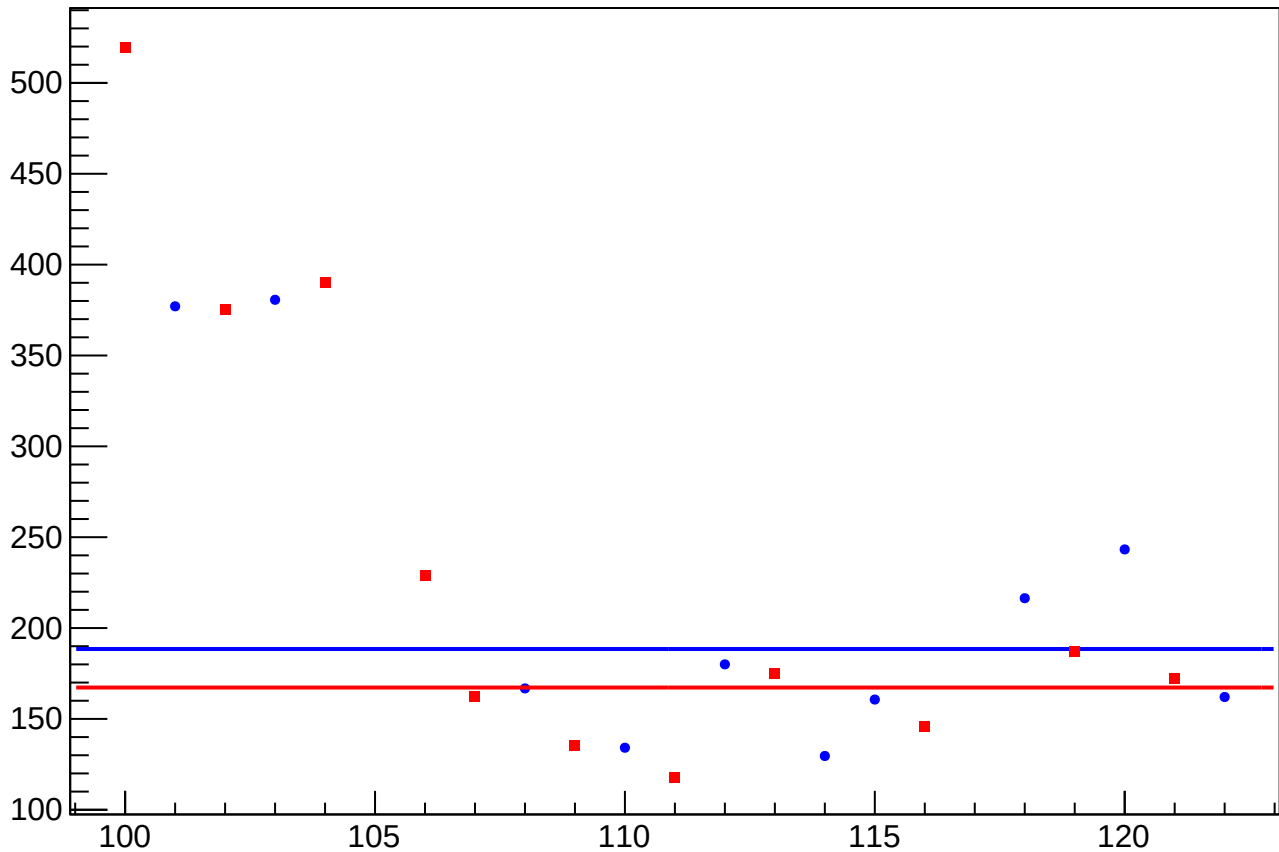
All: 159.590+/-0.042 χ^2/NDF : 1840361.5/20

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: 153062.904+/-0.067 χ^2 /NDF: 368238512.0/2
 In: 152865.221+/-0.104 χ^2 /NDF: 151047025.9/9
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 153062.904+/-0.067 χ^2 /NDF: 368238512.0/2

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: 167.267+/-0.062 χ^2/NDF : 1062879.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

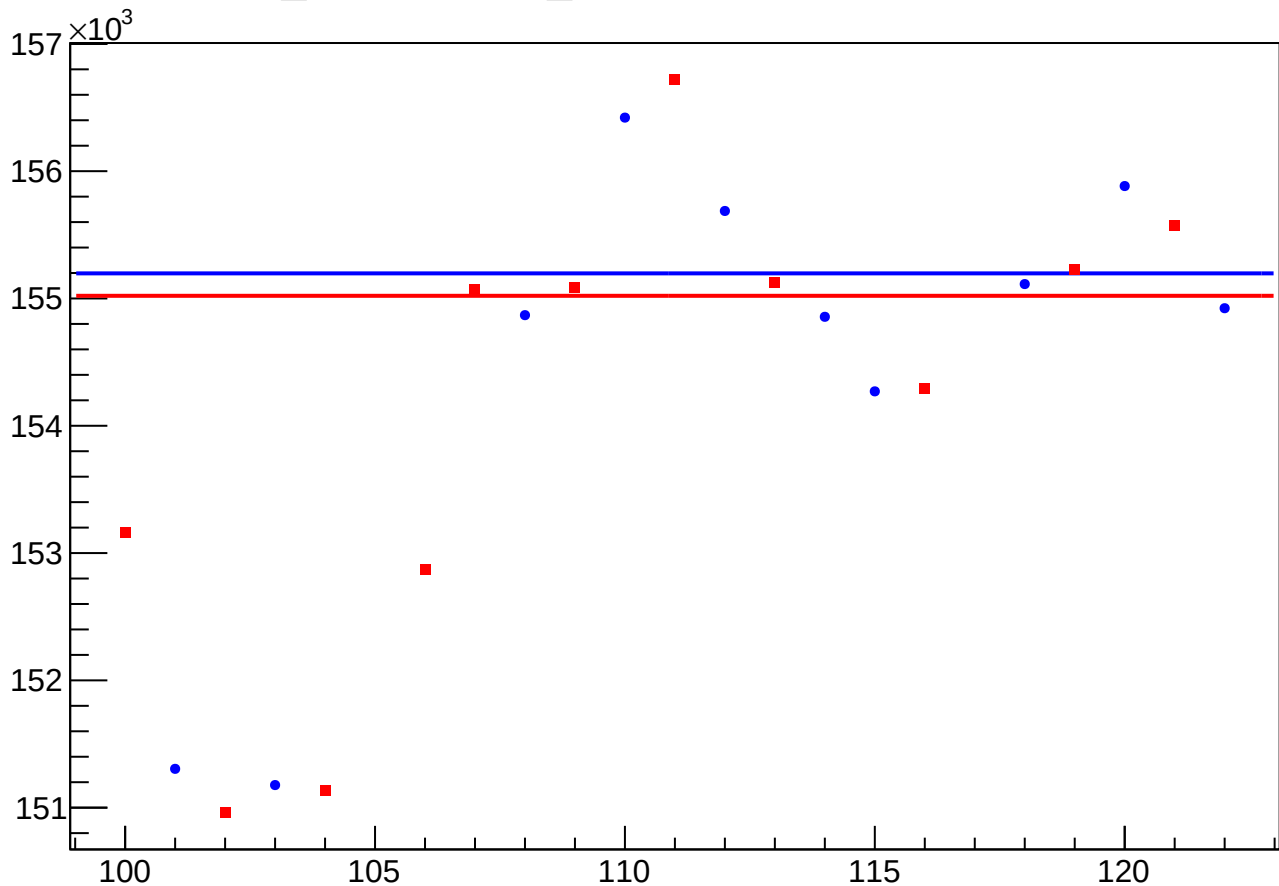
Right: 176.113+/-0.048 χ^2/NDF : 1984329.1/20

In: 188.470+/-0.074 χ^2/NDF : 873210.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

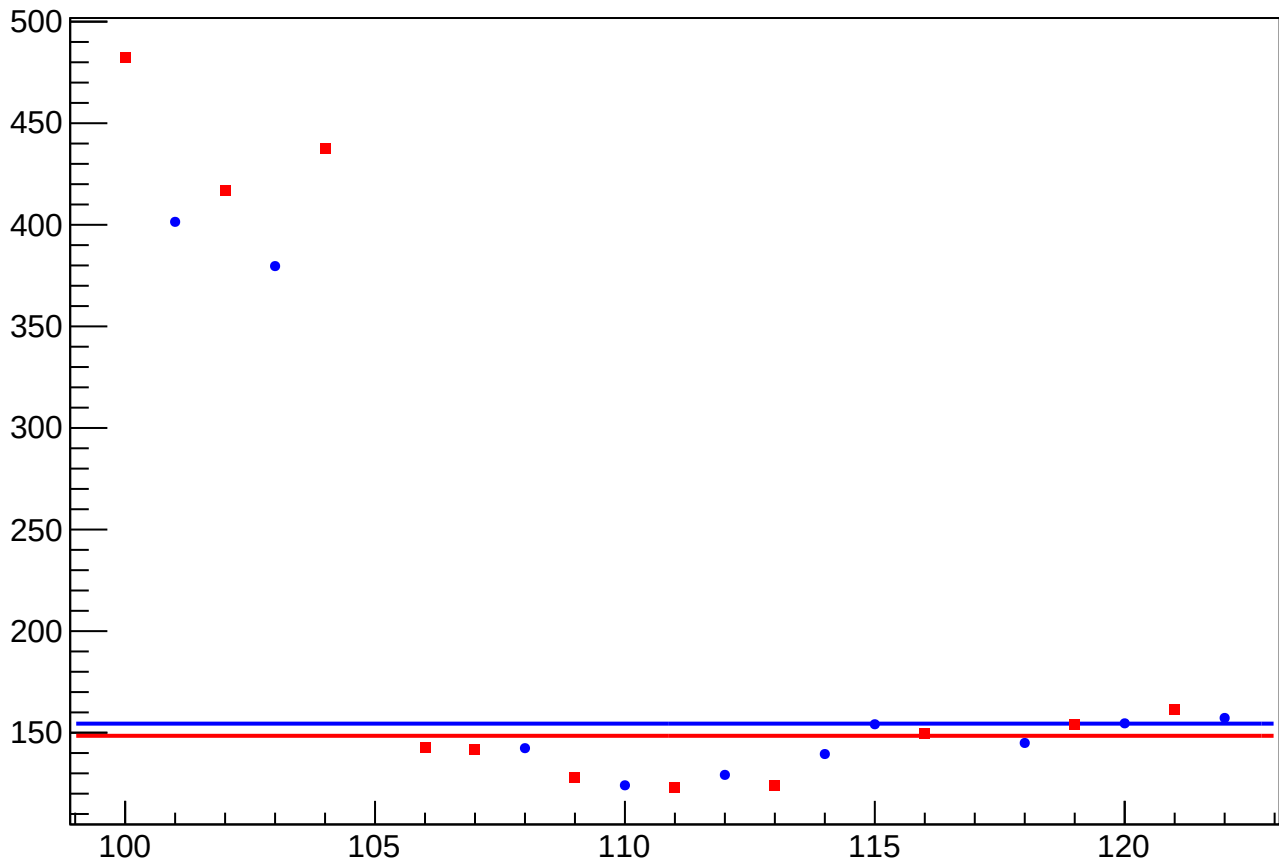
All: 176.113+/-0.048 χ^2/NDF : 1984329.1/20

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: 155020.950 $\pm$ 0.076 χ^2 /NDF: 270693219.9/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 155100.649 $\pm$ 0.056 χ^2 /NDF: 455734808.0/20
 In: 155197.201 $\pm$ 0.083 χ^2 /NDF: 182582707.0/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 148.481+/-0.053 χ^2/NDF : 1165389.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

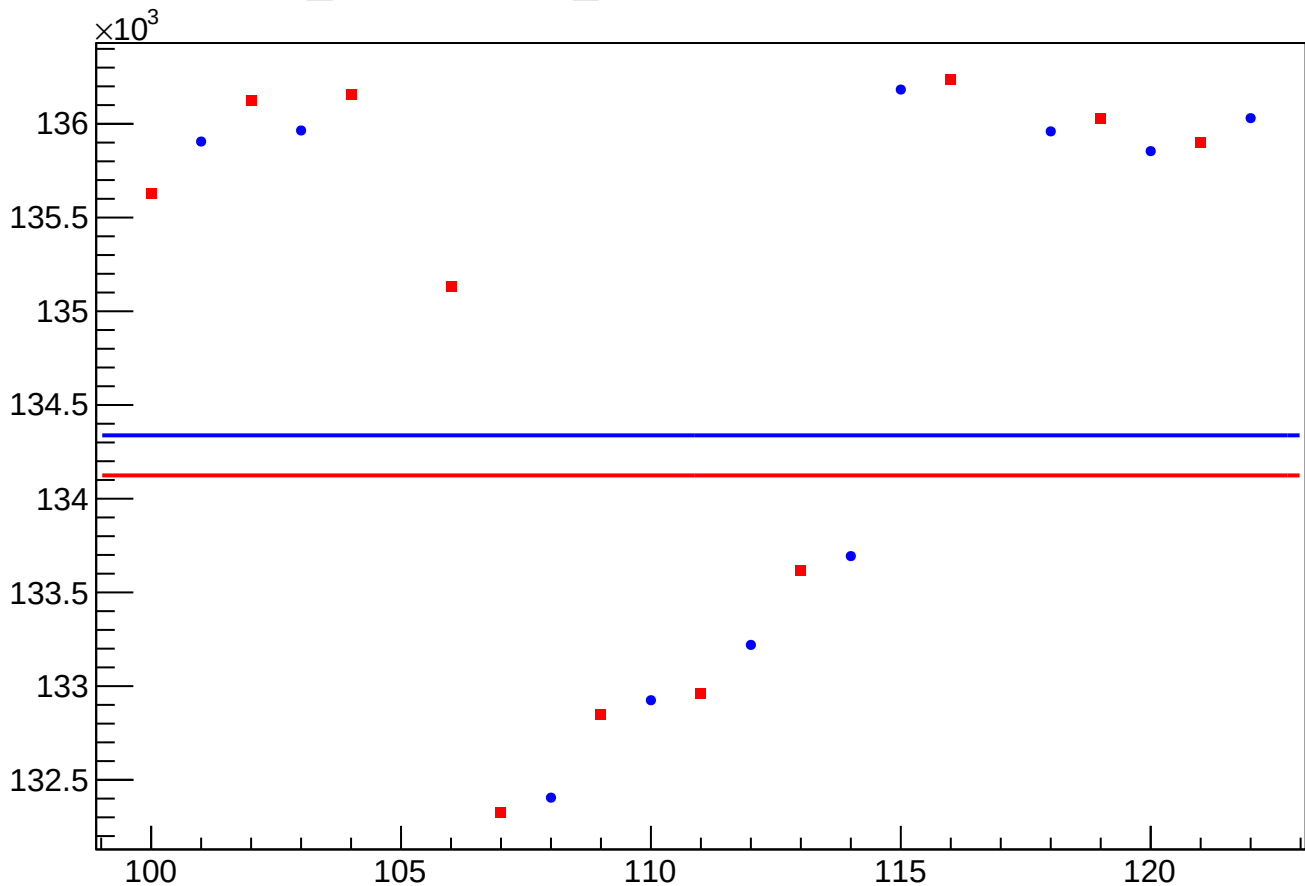
Right: 151.190+/-0.040 χ^2/NDF : 2155624.9/20

In: 154.471+/-0.059 χ^2/NDF : 984555.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.190+/-0.040 χ^2/NDF : 2155624.9/20

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: 134124.213 $\pm$ 0.059 χ^2 /NDF: 595630853.5/10

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

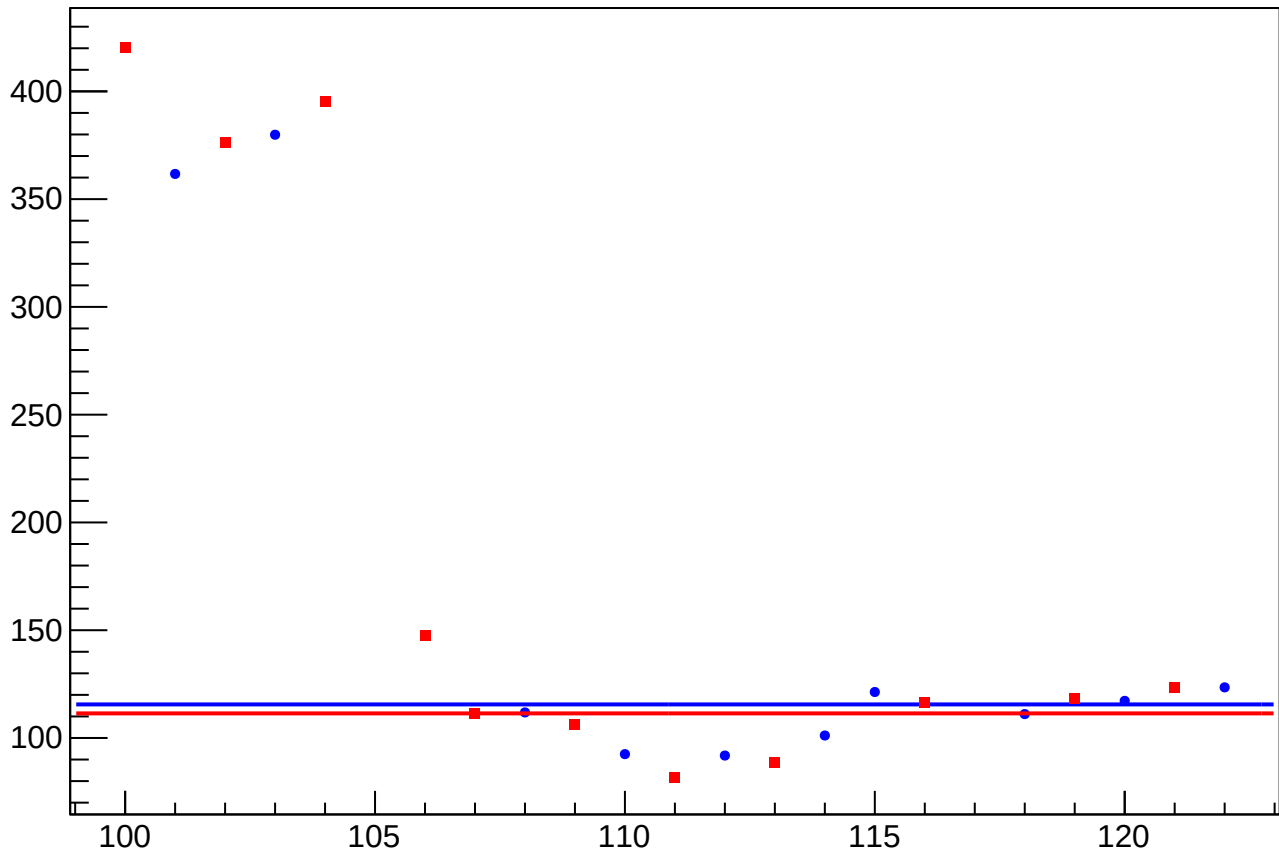
Right: 134222.598 $\pm$ 0.043 χ^2 /NDF: 1168828225.2/9

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: 134222.598 $\pm$ 0.043 χ^2 /NDF: 1168828225.2/9

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: 111.410+/-0.042 χ^2/NDF : 1470526.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

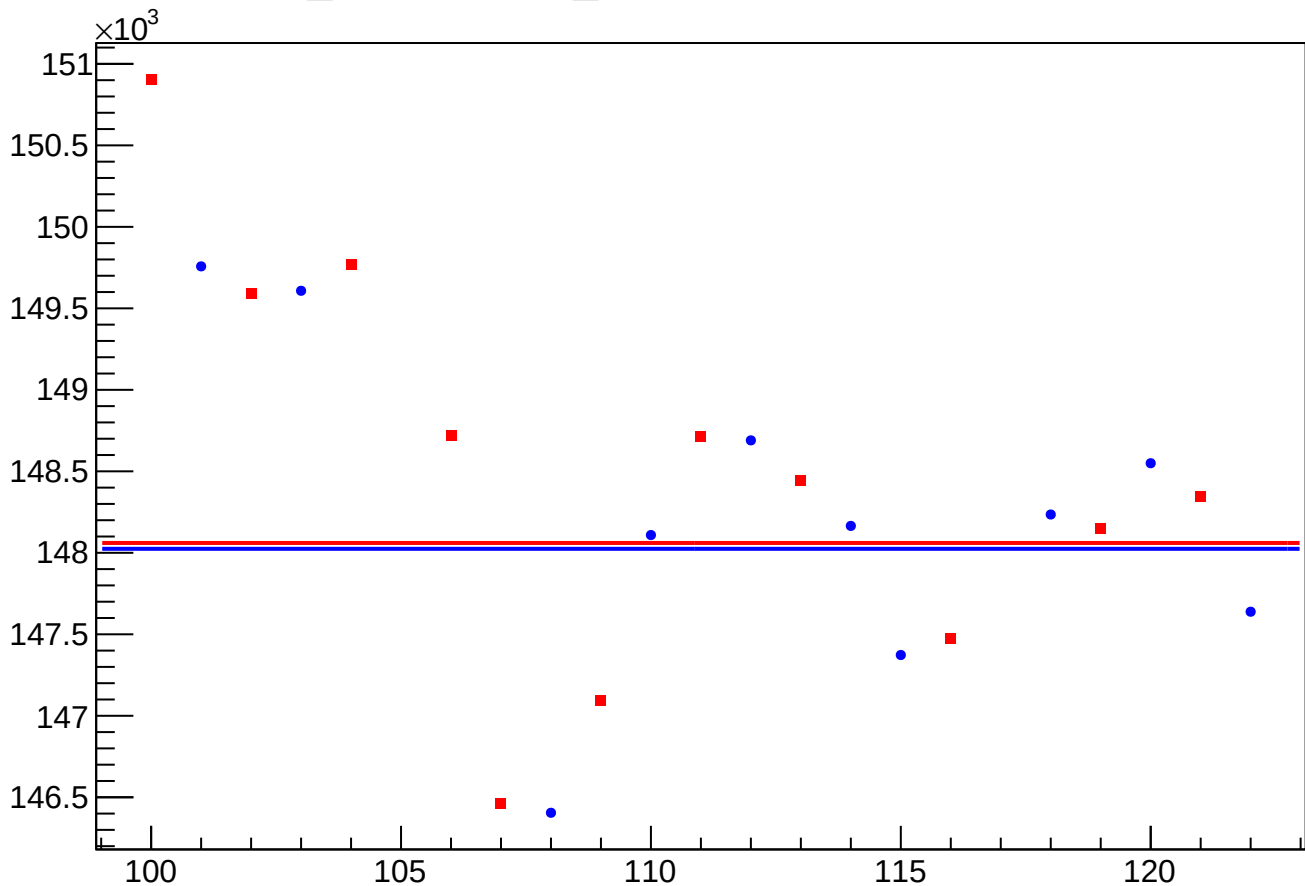
Right: 113.327+/-0.031 χ^2/NDF : 2781395.7/20

In: 115.575+/-0.045 χ^2/NDF : 1306239.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

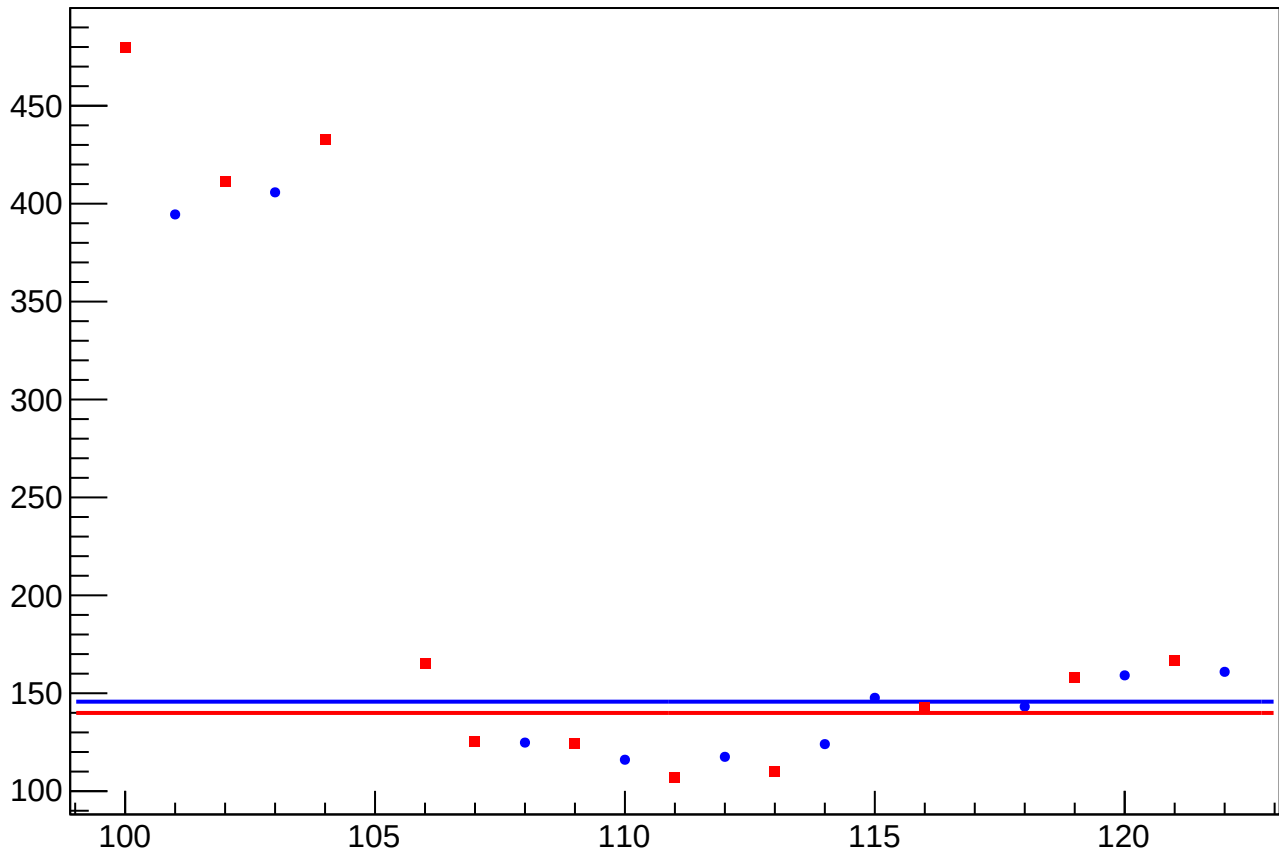
All: 113.327+/-0.031 χ^2/NDF : 2781395.7/20

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 148024.543+/-0.079 χ^2 /NDF: 110550822.2/9
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 148044.067+/-0.053 χ^2 /NDF: 231431046.8/2
 In: 148024.543+/-0.079 χ^2 /NDF: 110550822.2/9
 Right Out: 148060.436+/-0.073 χ^2 /NDF: 120768527.5/10
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 148044.067+/-0.053 χ^2 /NDF: 231431046.8/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 145.702+/-0.056 χ^2/NDF : 1152027.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.945+/-0.051 χ^2/NDF : 1331815.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

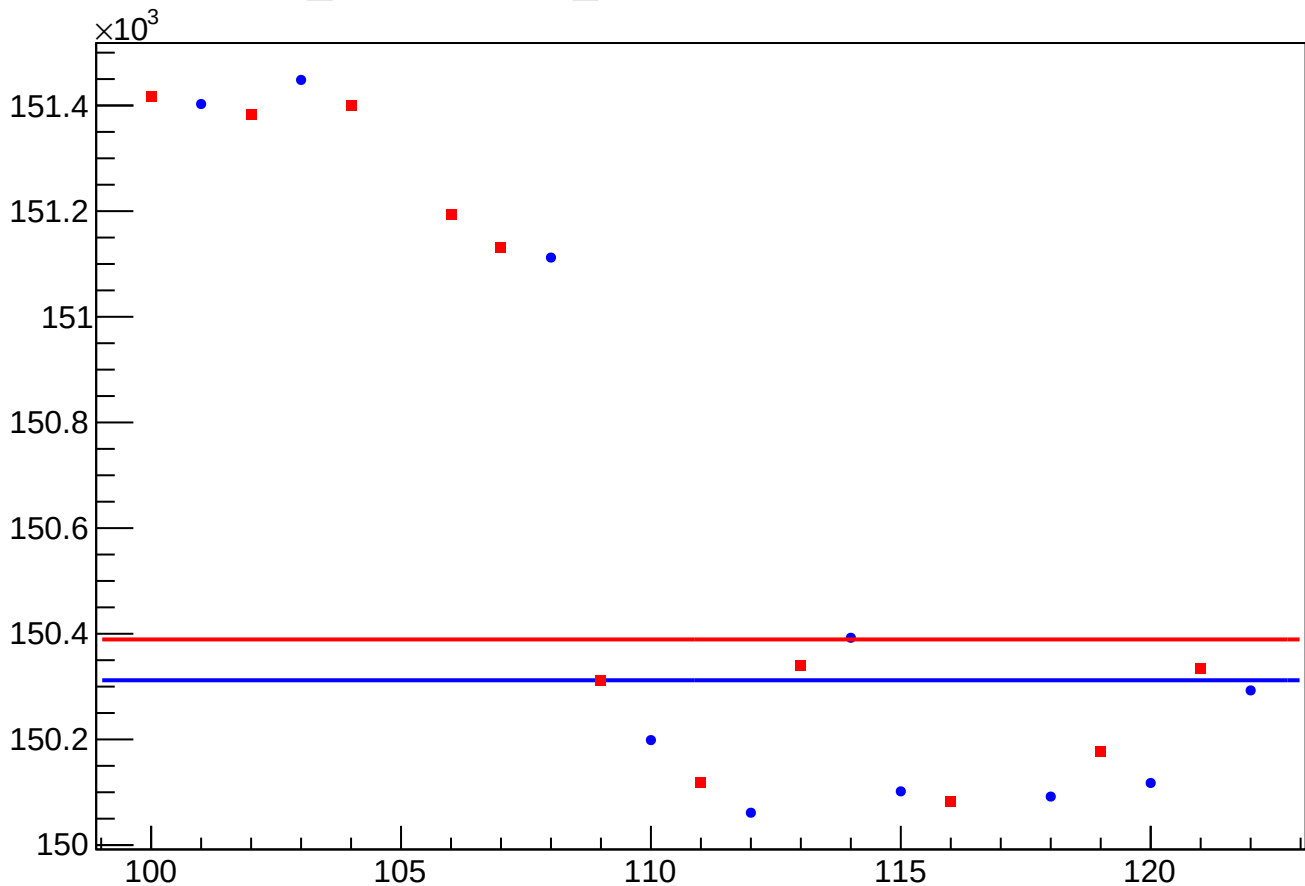
Right: 142.570+/-0.038 χ^2/NDF : 2489592.1/20

In: 145.702+/-0.056 χ^2/NDF : 1152027.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

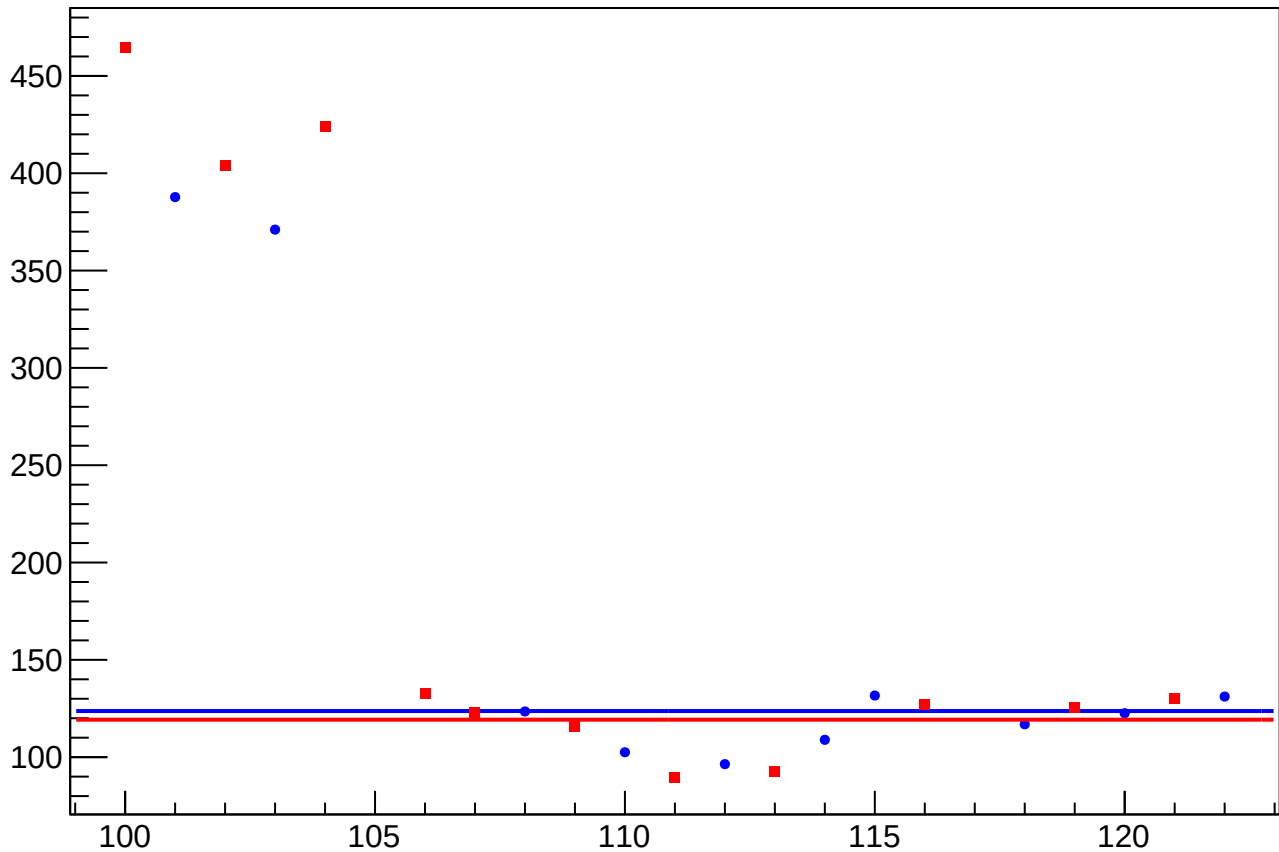
All: 142.570+/-0.038 χ^2/NDF : 2489592.1/20

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: 150389.271 $\pm$ 0.062 χ^2/NDF : 34999447.1/10
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 150354.153 $\pm$ 0.046 χ^2/NDF : 68828604.9/20
 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: 150354.153 $\pm$ 0.046 χ^2/NDF : 68828604.9/20

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: 119.260+/-0.044 χ^2/NDF : 1441598.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

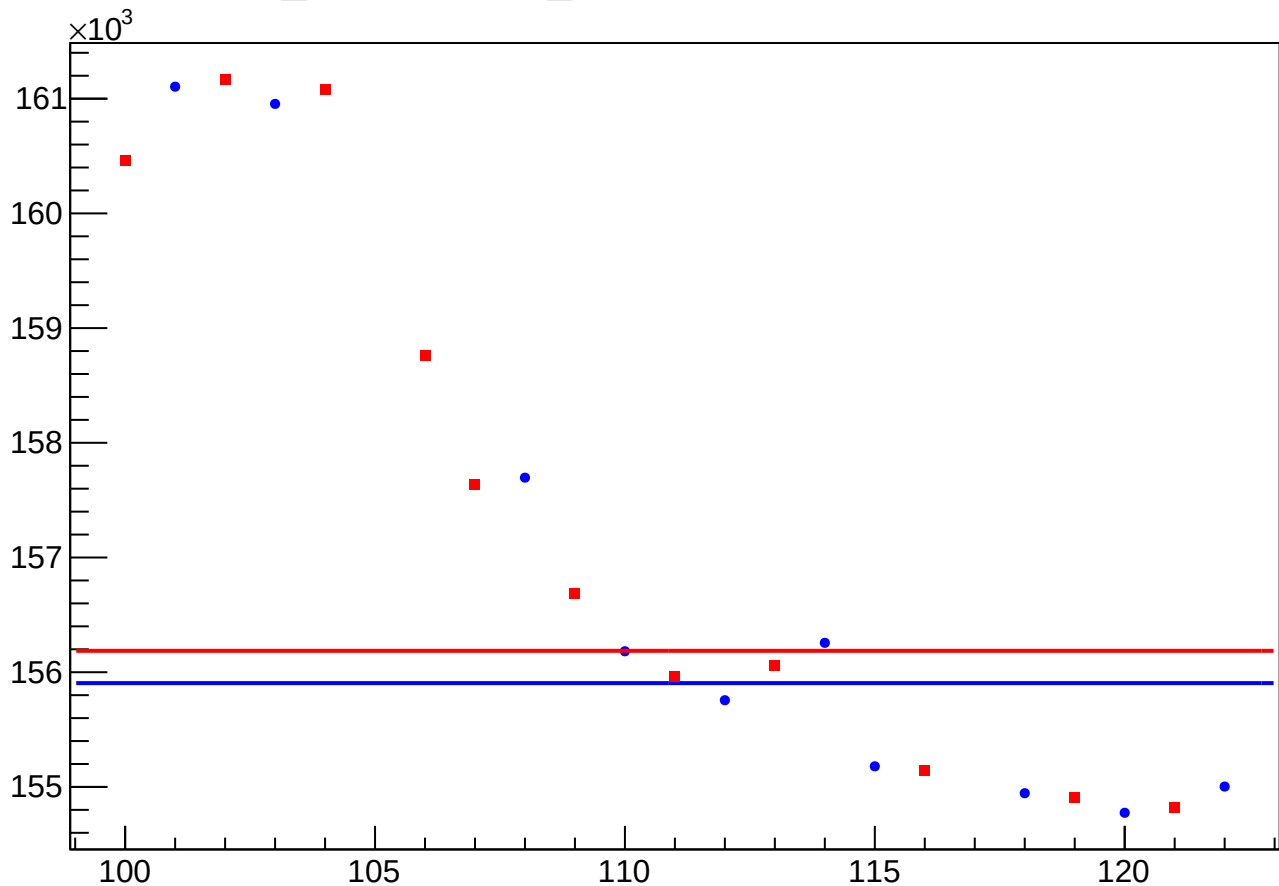
Right: 121.276+/-0.032 χ^2/NDF : 2670676.2/20

In: 123.695+/-0.048 χ^2/NDF : 1224442.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.276+/-0.032 χ^2/NDF : 2670676.2/20

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 156058.449+/-0.048 χ^2 /NDF: 801707688.1/2

In: 155905.133+/-0.071 χ^2 /NDF: 363787074.8/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 156058.449+/-0.048 χ^2 /NDF: 801707688.1/2

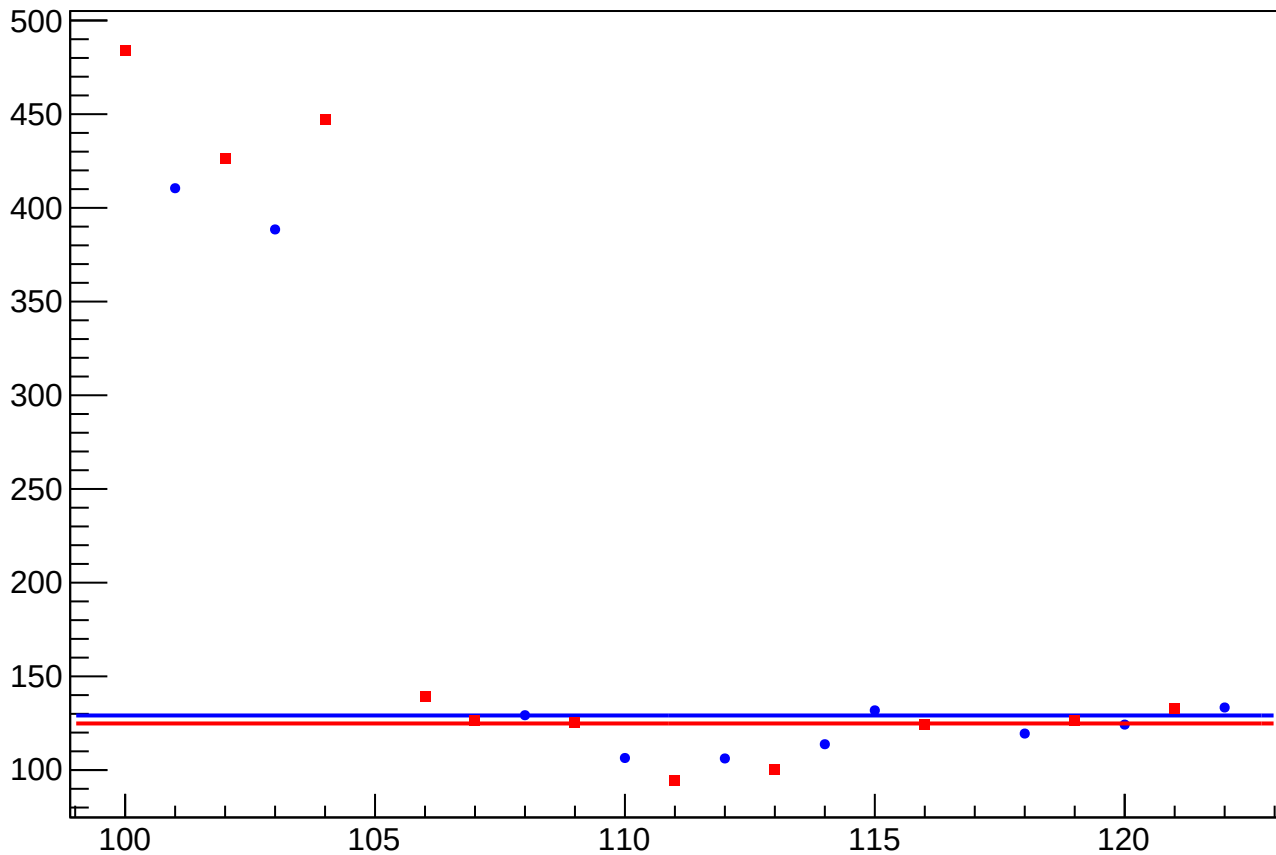
Right In: 155905.133+/-0.071 χ^2 /NDF: 363787074.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 156186.662+/-0.065 χ^2 /NDF: 429348630.4/10

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 124.864+/-0.046 χ^2/NDF : 1417474.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

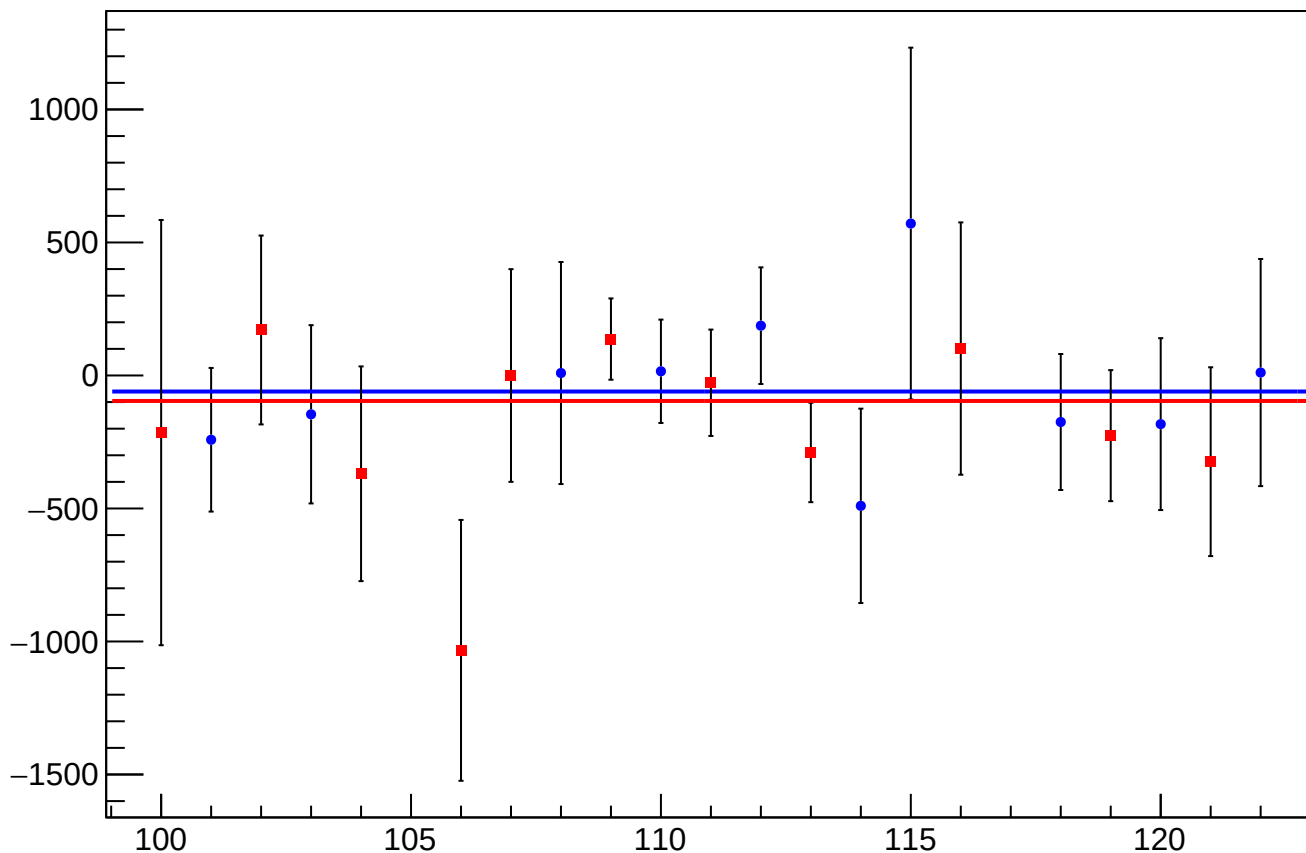
Right: 126.808+/-0.034 χ^2/NDF : 2628579.3/20

In: 129.132+/-0.050 χ^2/NDF : 1207163.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.808+/-0.034 χ^2/NDF : 2628579.3/20

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: -95.849+/-81.277 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

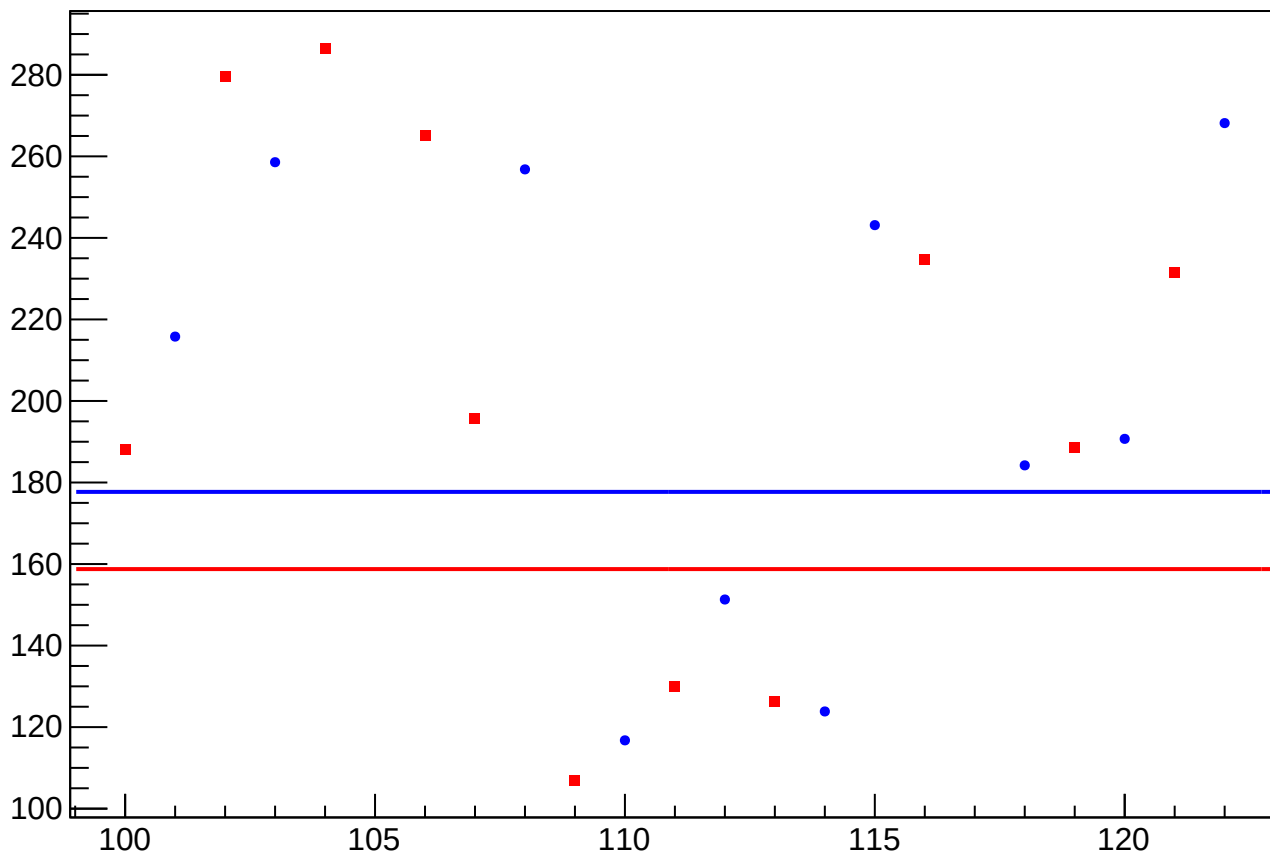
Right: -80.454+/-61.178 χ^2/NDF : 13.9/20

In: -60.329+/-92.926 χ^2/NDF :4.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -80.454+/-61.178 χ^2/NDF : 13.9/20

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: 158.762+/-0.057 χ^2/NDF : 1042725.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

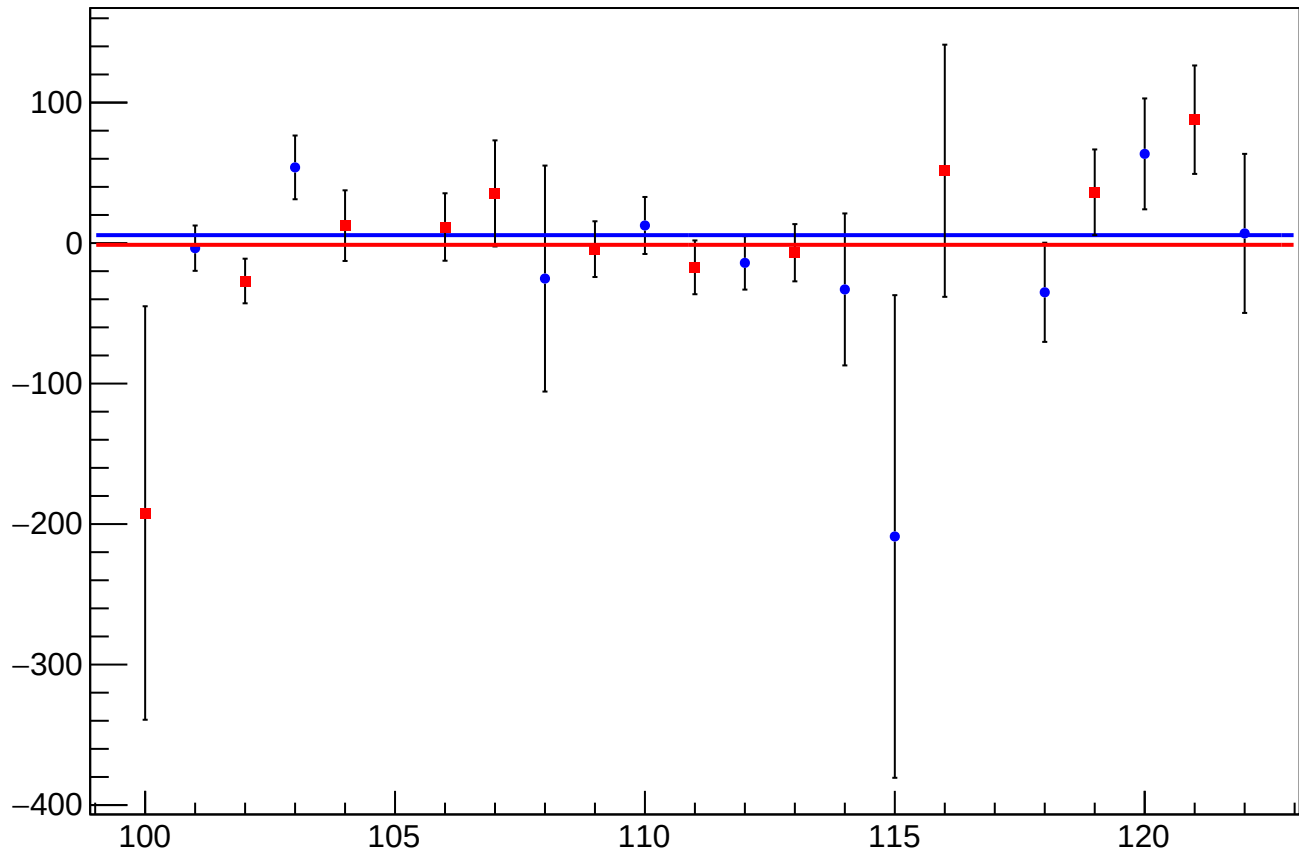
Right: 166.971+/-0.043 χ^2/NDF : 1701089.5/20

In: 177.701+/-0.066 χ^2/NDF : 611295.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.971+/-0.043 χ^2/NDF : 1701089.5/20

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: -1.251+/-7.542 χ^2/NDF : 13.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

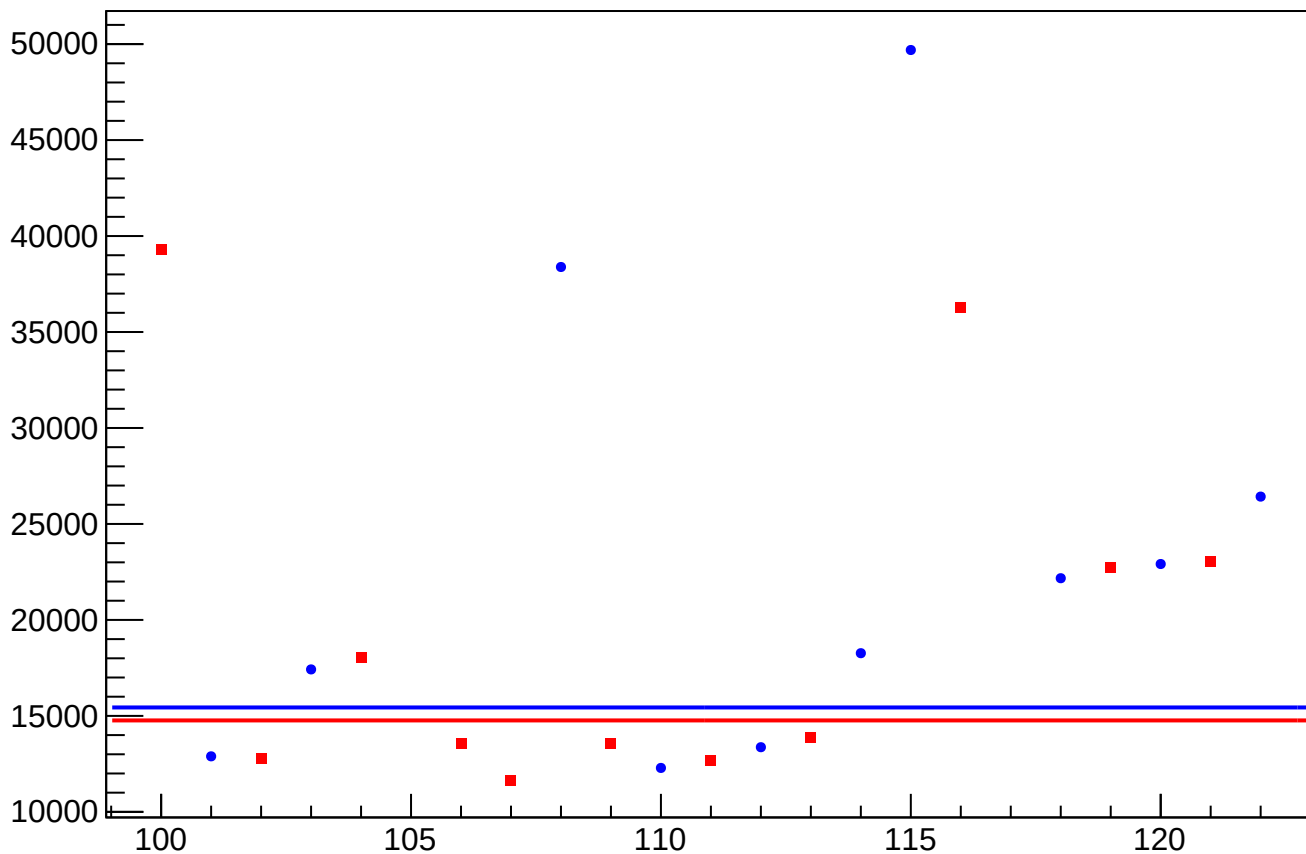
Right: 1.714+/-5.694 χ^2/NDF : 25.9/20

In: 5.643+/-8.682 χ^2/NDF : 11.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.714+/-5.694 χ^2/NDF : 25.9/20

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: 14763.815+/-5.333 χ^2/NDF : 519763.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

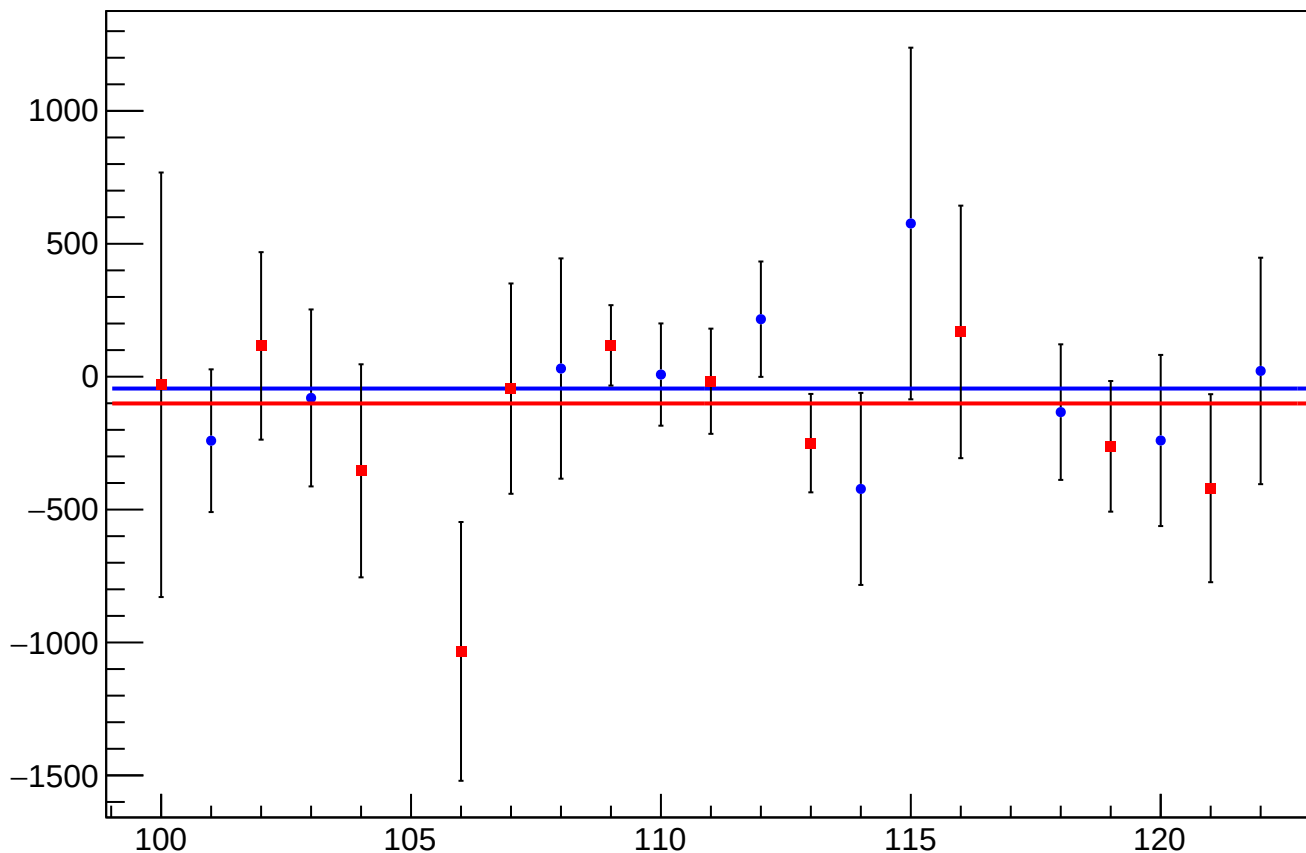
Right: 15054.492+/-4.026 χ^2/NDF : 1131378.8/20

In: 15439.690+/-6.139 χ^2/NDF :604707.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15054.492+/-4.026 χ^2/NDF : 1131378.8/20

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: -100.710 ± 80.621 χ^2/NDF : 9.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

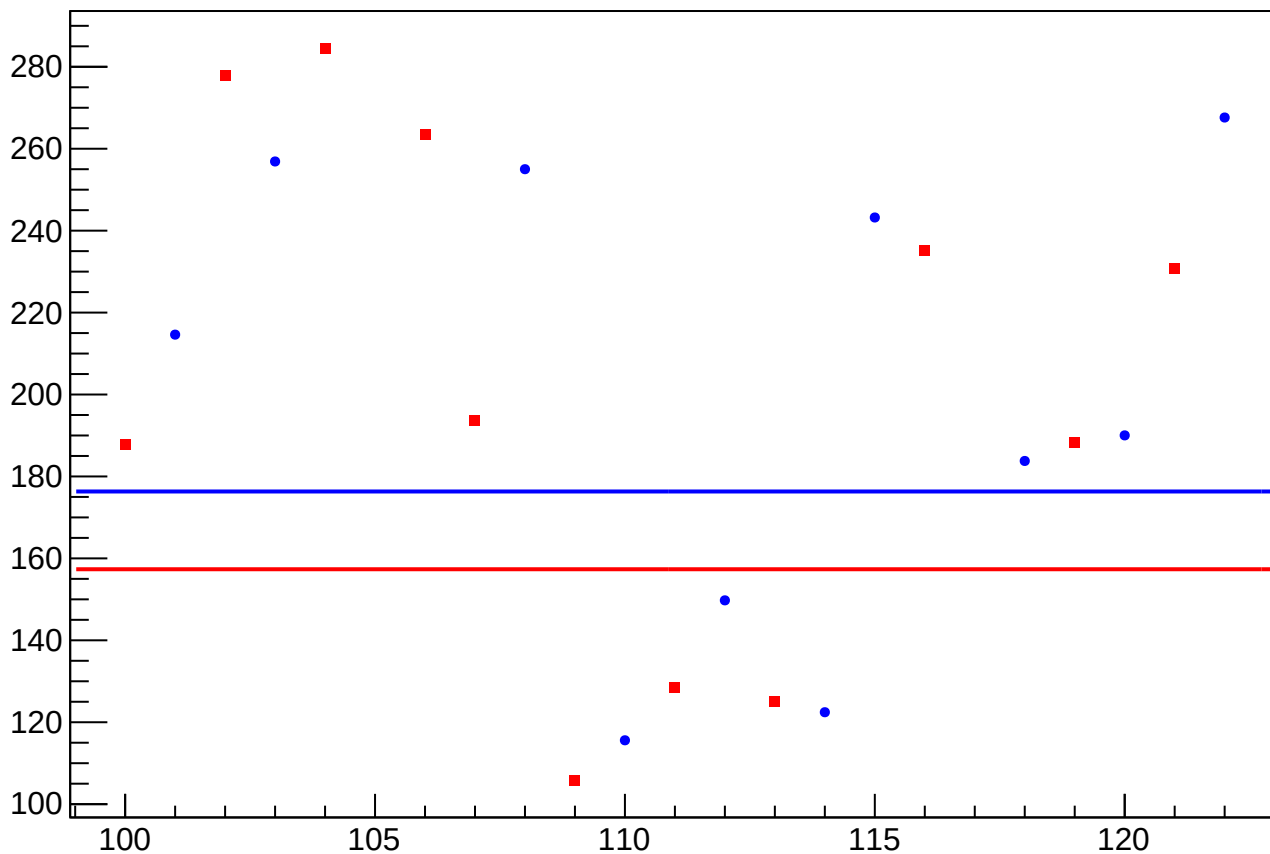
Right: -76.415 ± 60.711 χ^2/NDF : 13.8/20

In: -44.591 ± 92.272 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.415 ± 60.711 χ^2/NDF : 13.8/20

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: 157.348+/-0.057 χ^2/NDF : 1055435.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

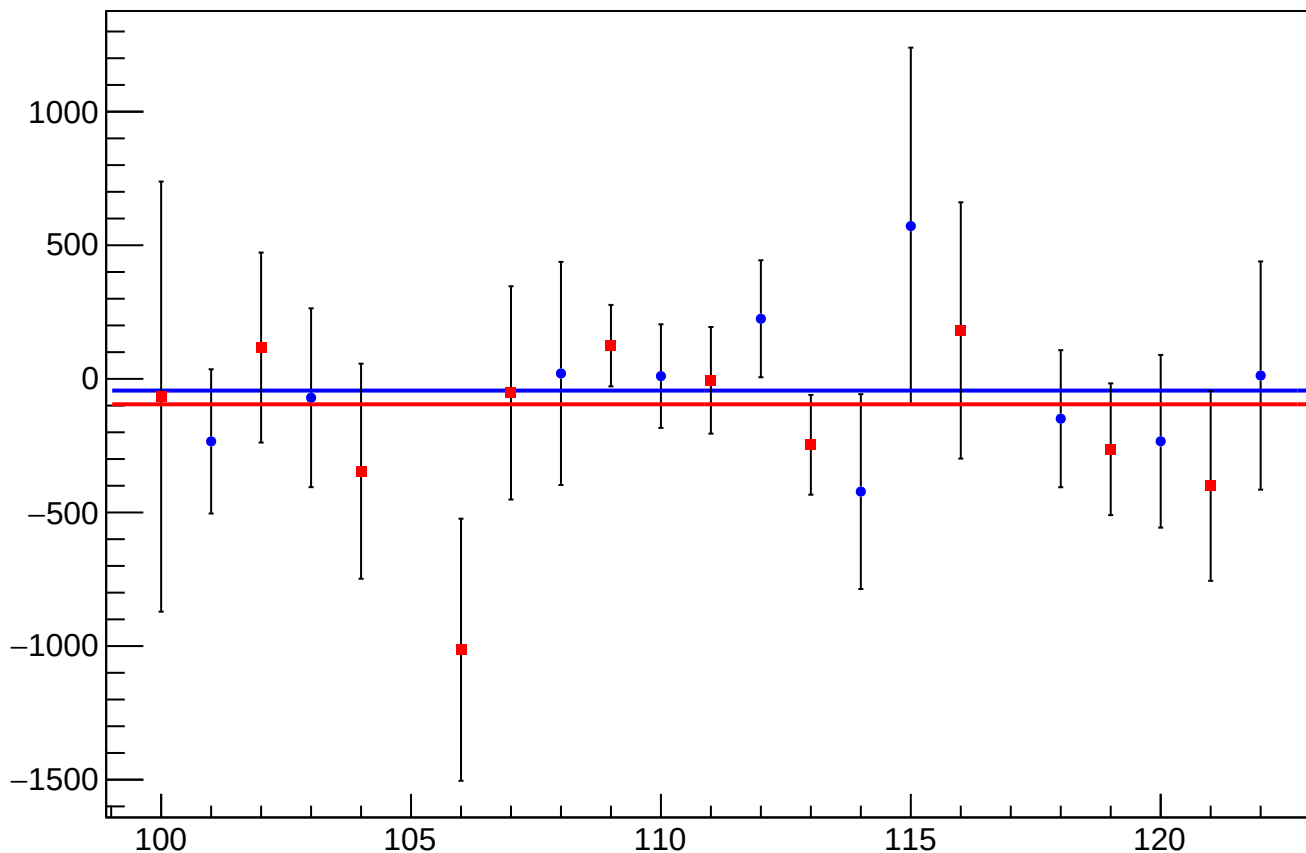
Right: 165.566+/-0.043 χ^2/NDF : 1724794.9/20

In: 176.331+/-0.065 χ^2/NDF : 621356.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.566+/-0.043 χ^2/NDF : 1724794.9/20

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: -95.204 ± 81.202 χ^2/NDF : 8.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

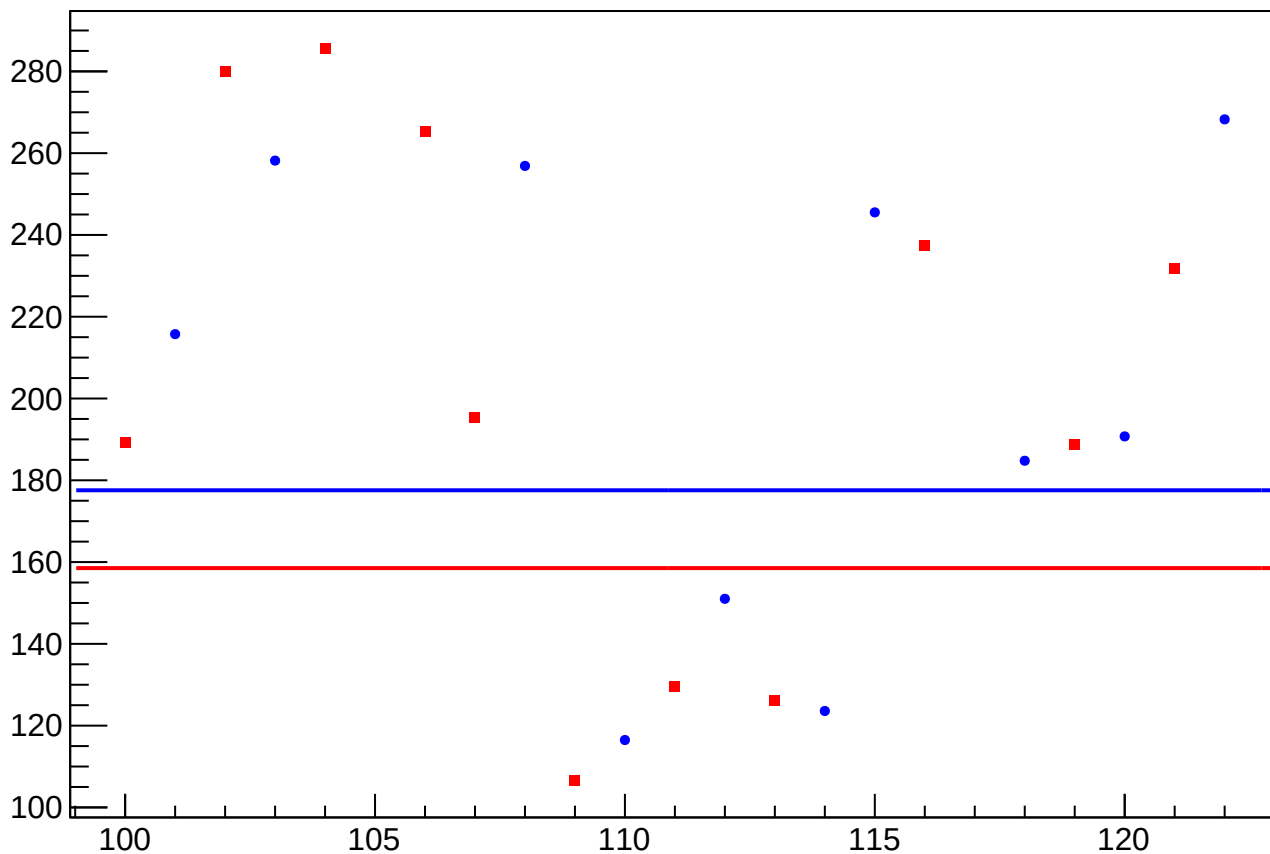
Right: -72.943 ± 61.134 χ^2/NDF : 13.5/20

In: -43.817 ± 92.885 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.943 ± 61.134 χ^2/NDF : 13.5/20

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: 158.527+/-0.057 χ^2/NDF : 1050533.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

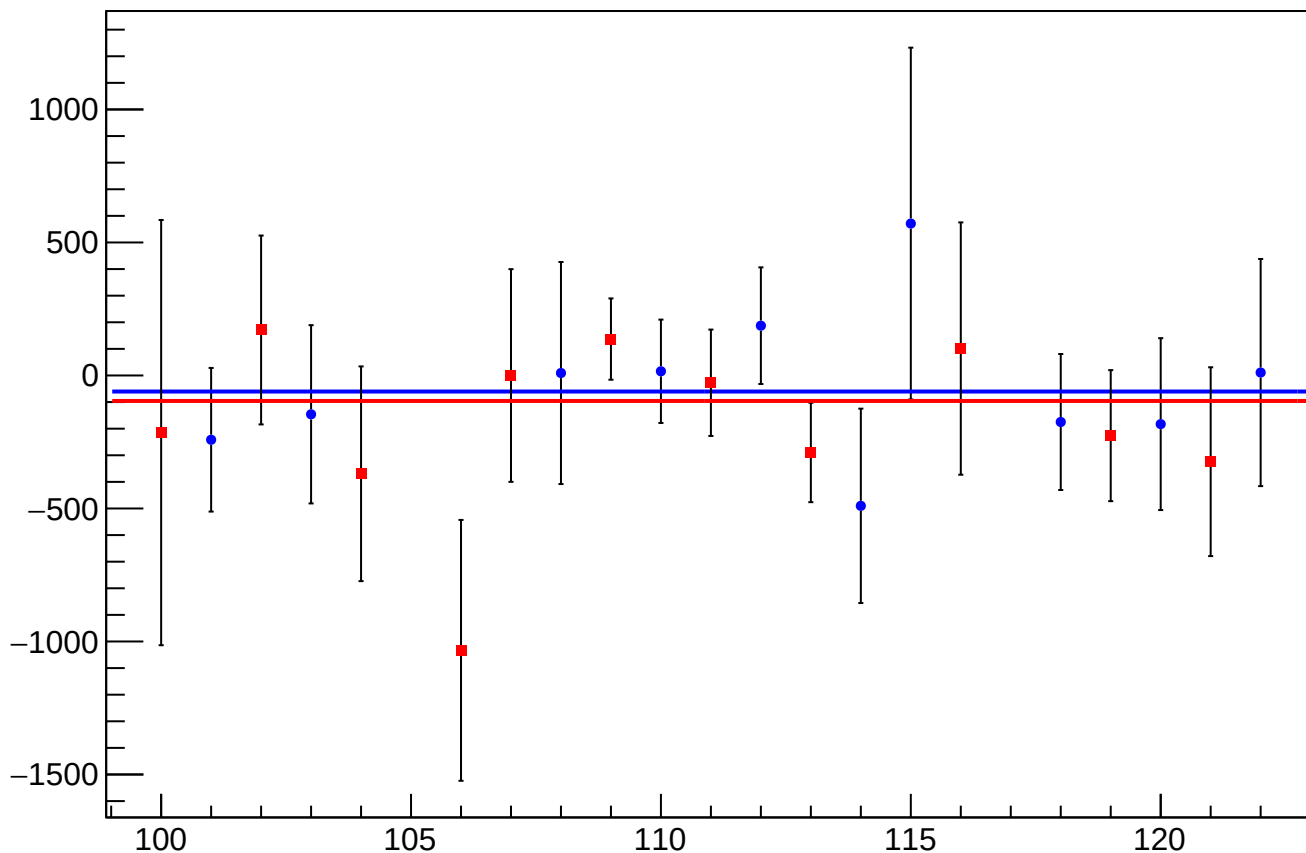
Right: 166.770+/-0.043 χ^2/NDF : 1714059.8/20

In: 177.556+/-0.066 χ^2/NDF : 615947.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.770+/-0.043 χ^2/NDF : 1714059.8/20

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: -95.849+/-81.277 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

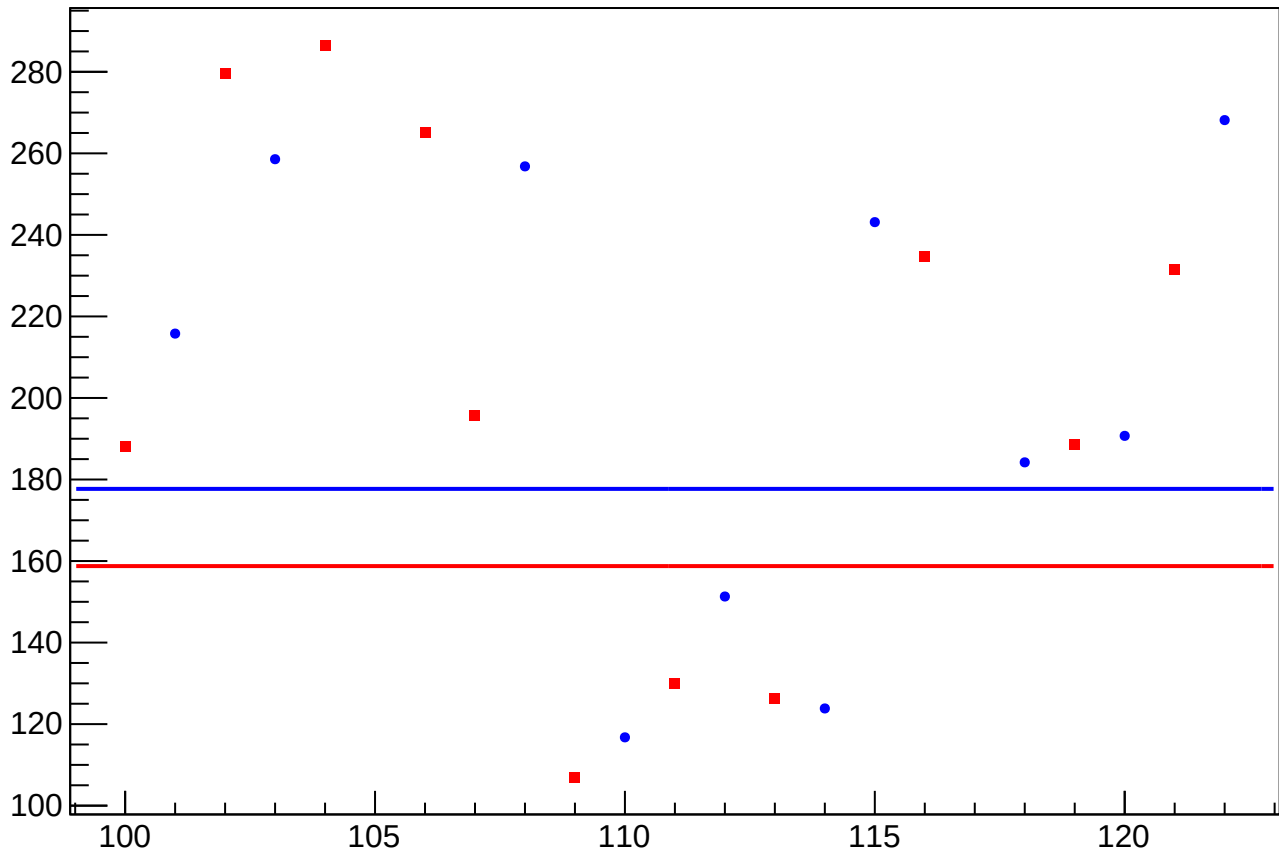
Right: -80.454+/-61.178 χ^2/NDF : 13.9/20

In: -60.329+/-92.926 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.454+/-61.178 χ^2/NDF : 13.9/20

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: 158.762+/-0.057 χ^2/NDF : 1042725.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

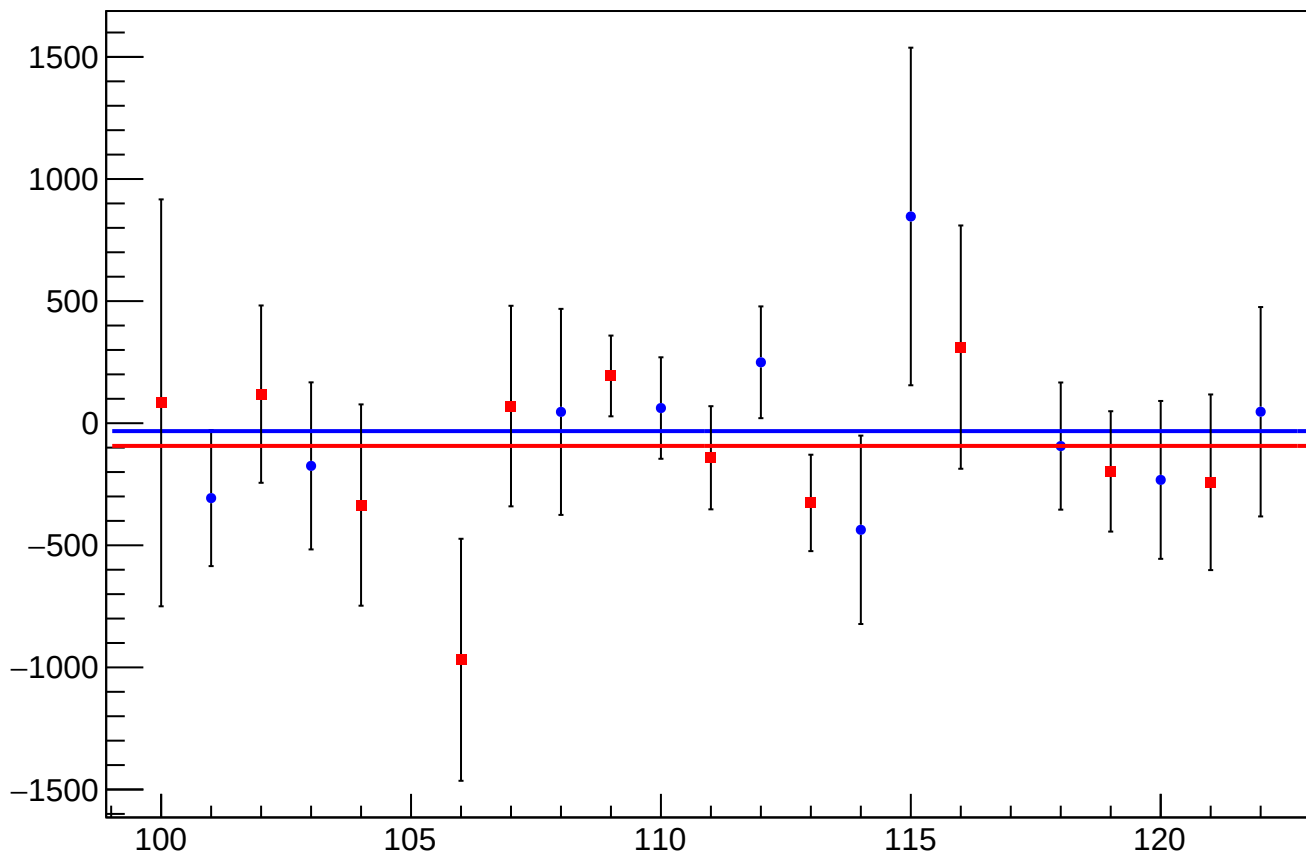
Right: 166.971+/-0.043 χ^2/NDF : 1701089.5/20

In: 177.701+/-0.066 χ^2/NDF : 611295.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.971+/-0.043 χ^2/NDF : 1701089.5/20

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: -92.962+/-85.187 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

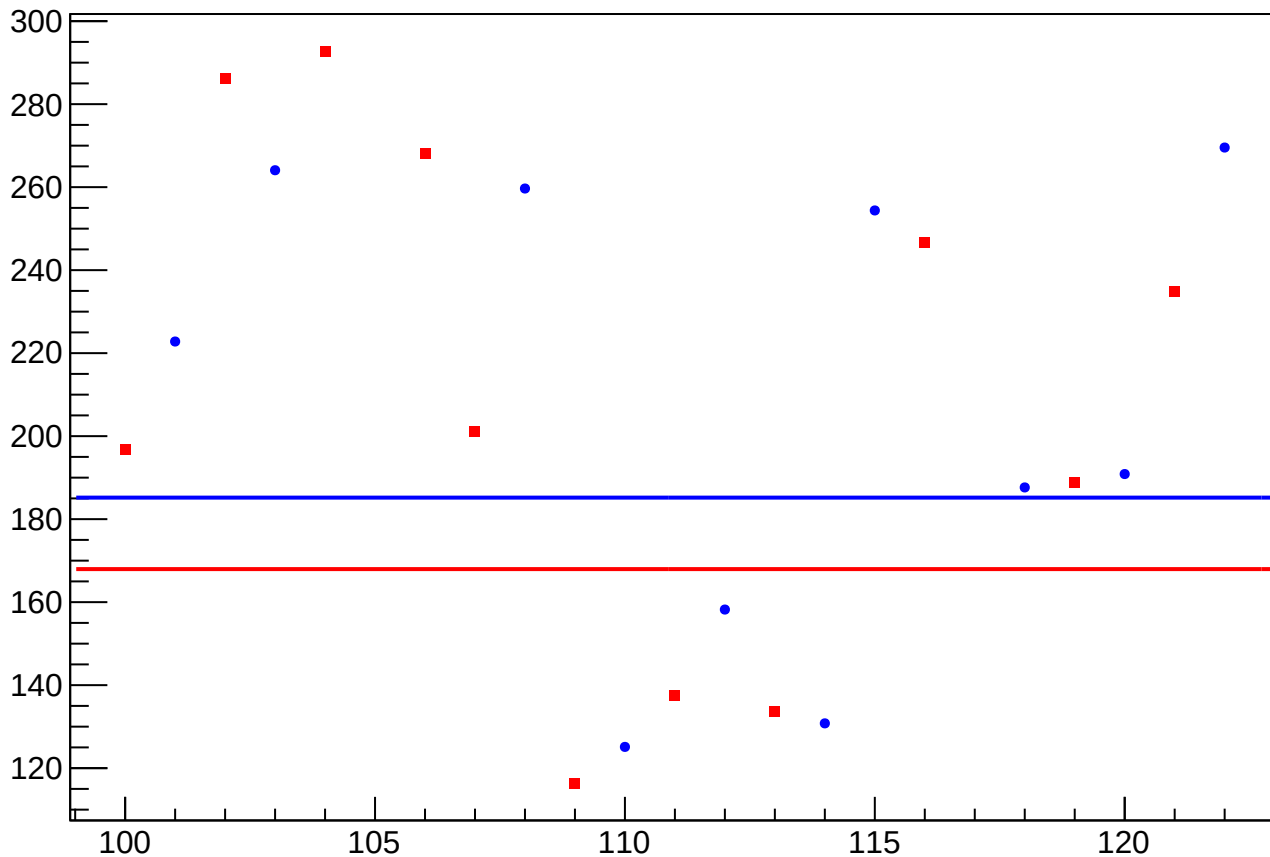
Right: -66.355+/-63.801 χ^2/NDF : 15.8/20

In: -32.364+/-96.284 χ^2/NDF : 6.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.355+/-63.801 χ^2/NDF : 15.8/20

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: 167.964+/-0.060 χ^2/NDF : 922807.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

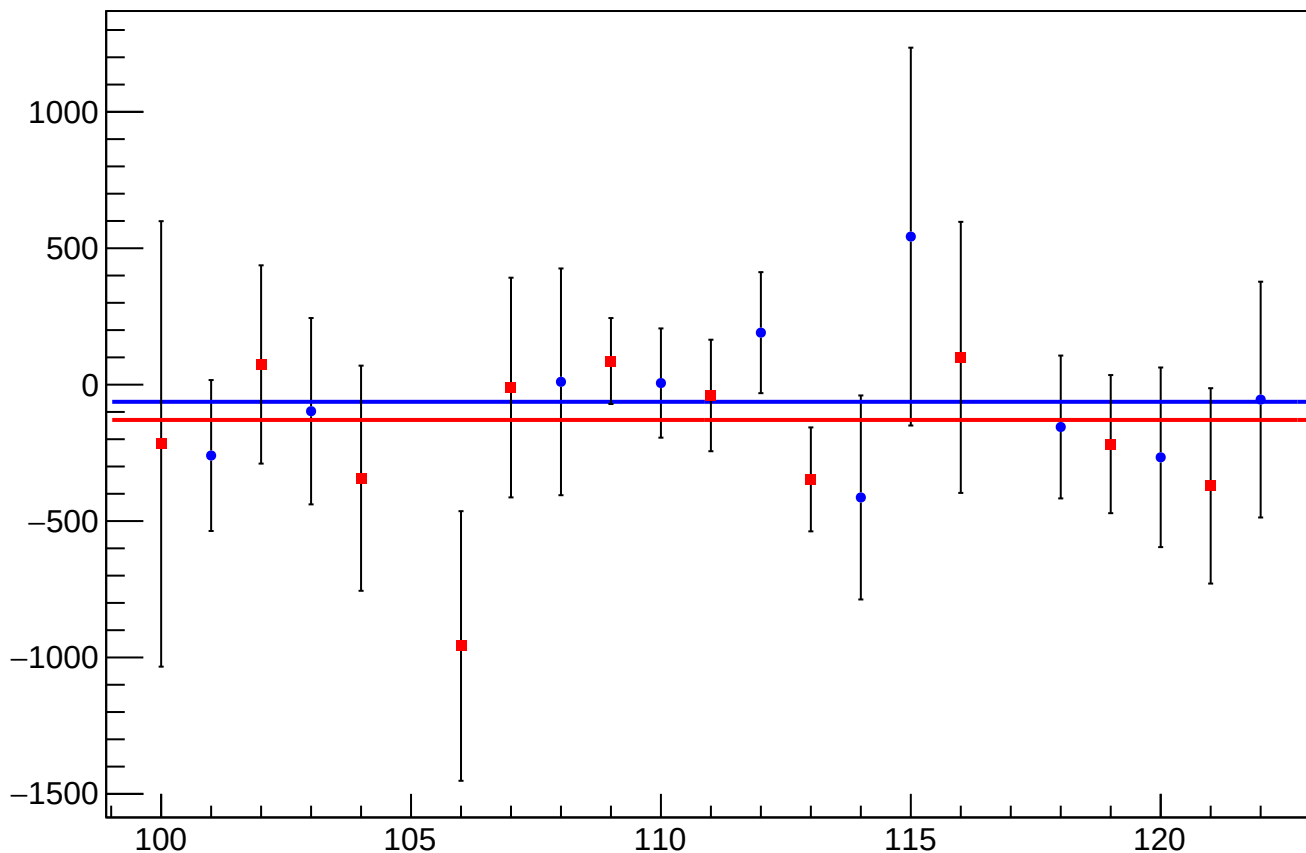
Right: 175.528+/-0.045 χ^2/NDF : 1496786.9/20

In: 185.190+/-0.068 χ^2/NDF : 538071.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.528+/-0.045 χ^2/NDF : 1496786.9/20

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: -129.327 ± 83.204 χ^2/NDF : 7.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

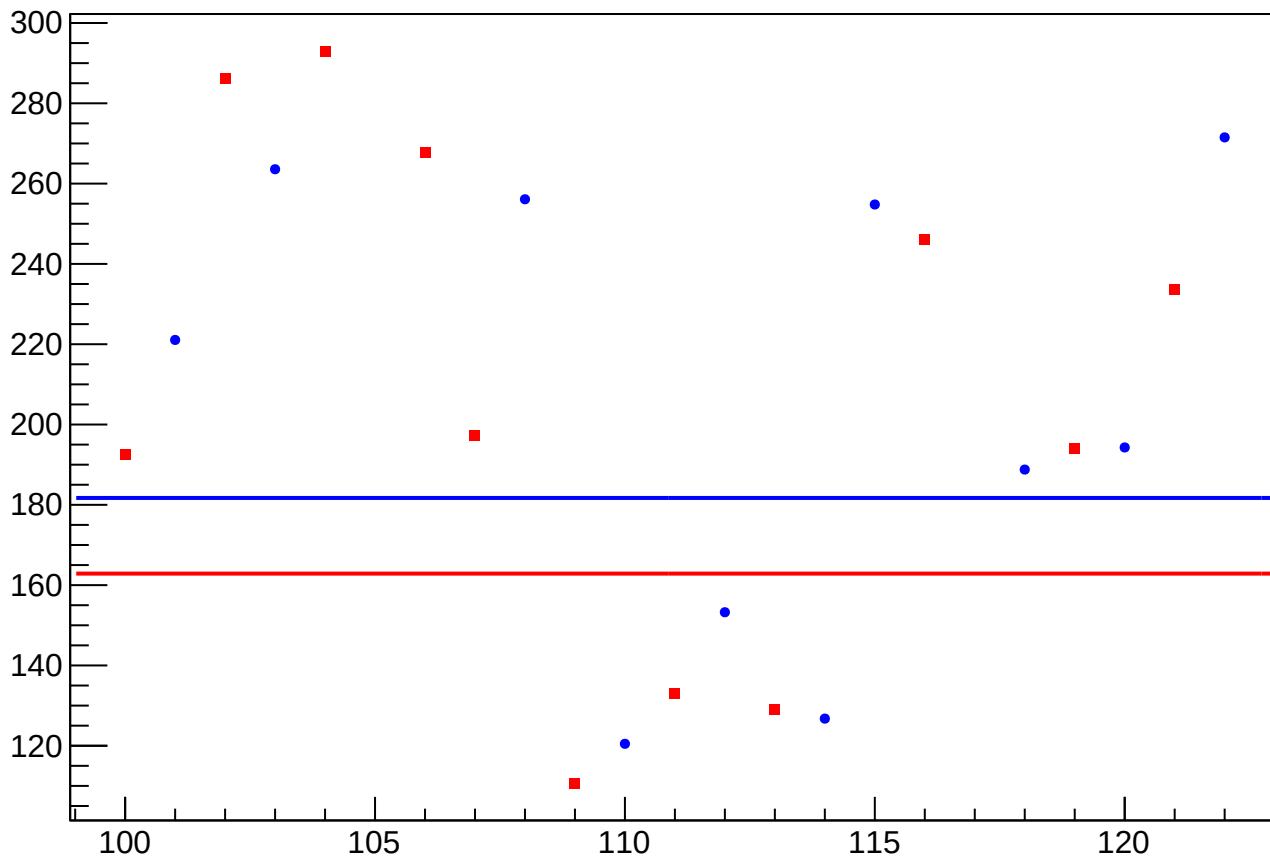
Right: -100.433 ± 62.553 χ^2/NDF : 12.1/20

In: -62.872 ± 94.866 χ^2/NDF : 4.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.433 ± 62.553 χ^2/NDF : 12.1/20

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: 162.874+/-0.059 χ^2/NDF : 1026926.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

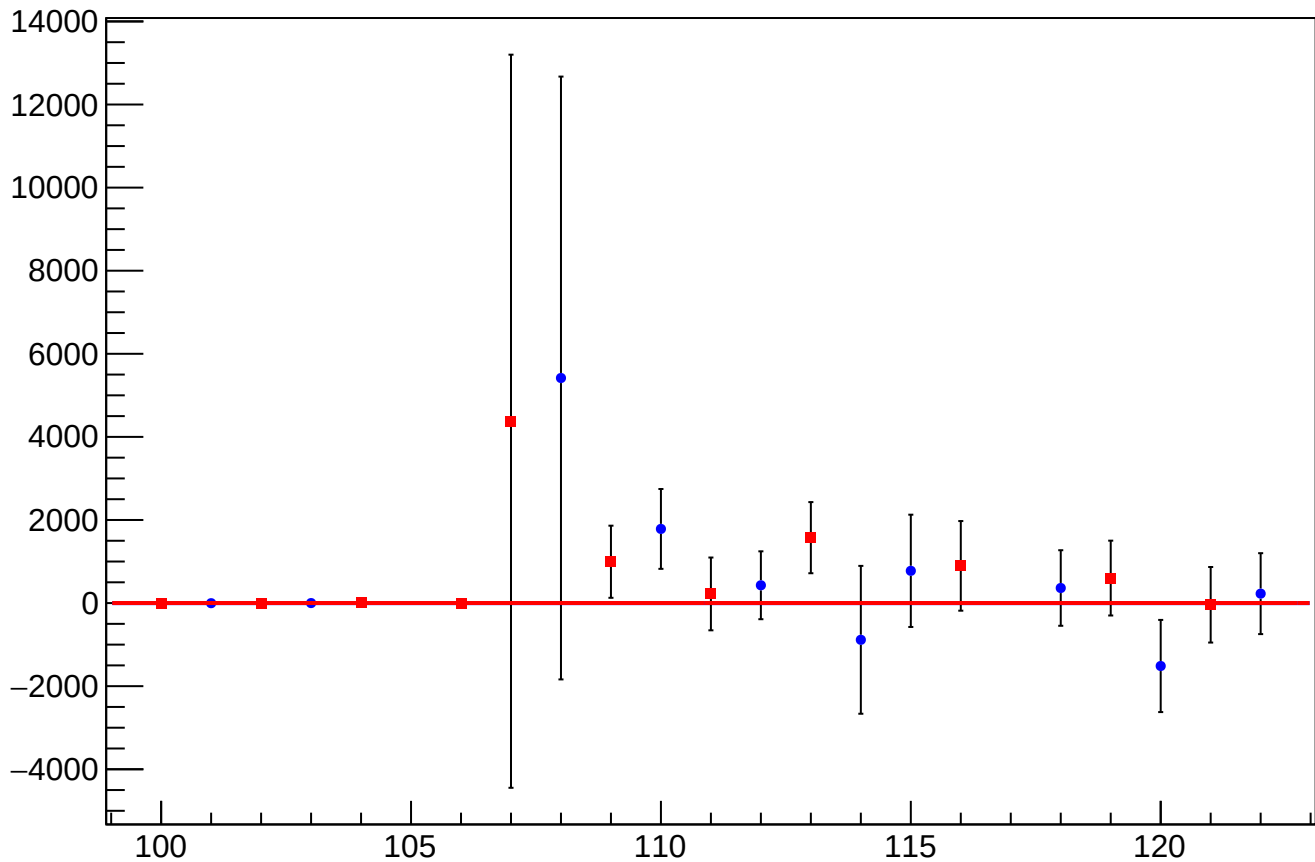
Right: 171.066+/-0.044 χ^2/NDF : 1667159.5/20

In: 181.716+/-0.067 χ^2/NDF :595637.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 171.066+/-0.044 χ^2/NDF : 1667159.5/20

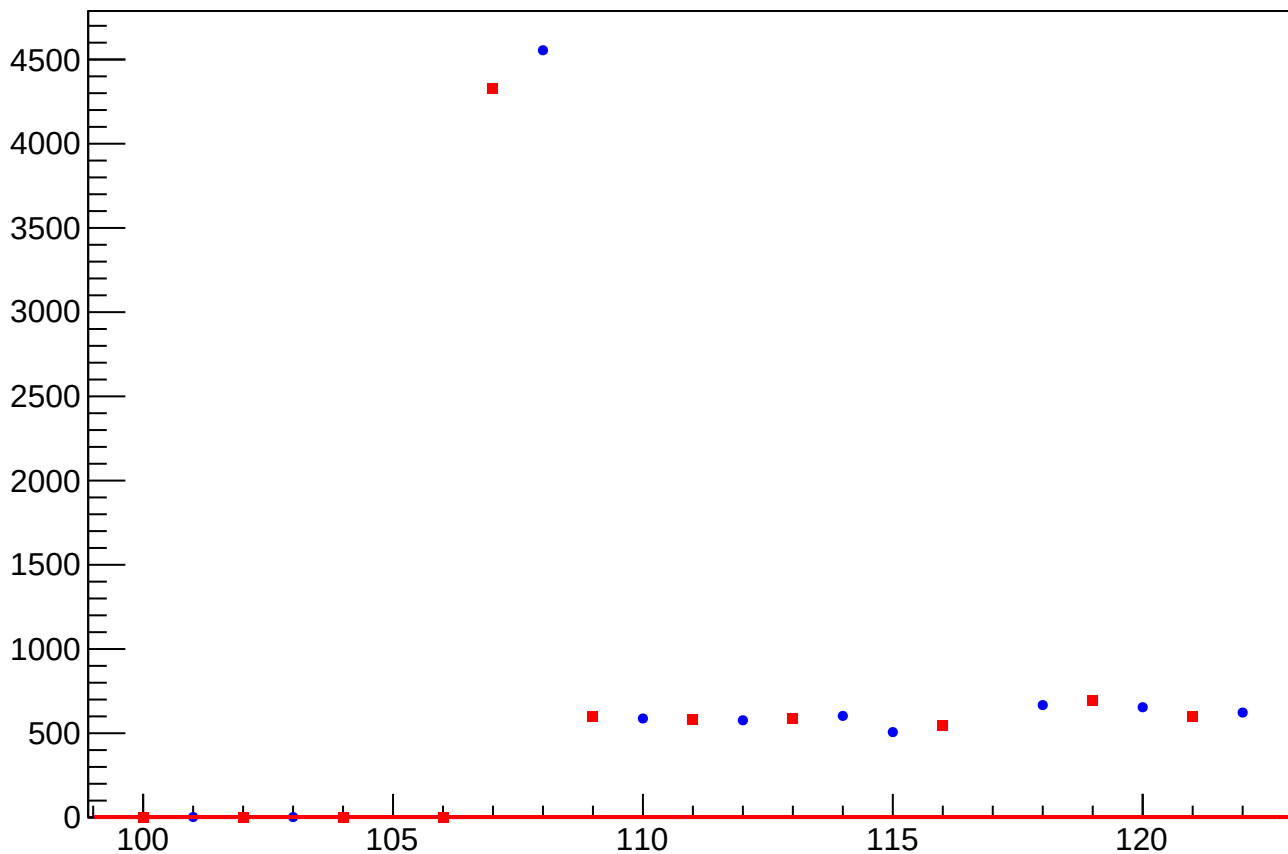
asym_cav4bQ_mean vs Slug, Sign Corrected



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: 1.384+/-2.022 χ^2/NDF : 11.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.180+/-1.480 χ^2/NDF : 19.4/20
 In: -1.207+/-2.171 χ^2/NDF : 7.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.180+/-1.480 χ^2/NDF : 19.4/20

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: 2.441+/-0.001 χ^2/NDF : 5800509.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

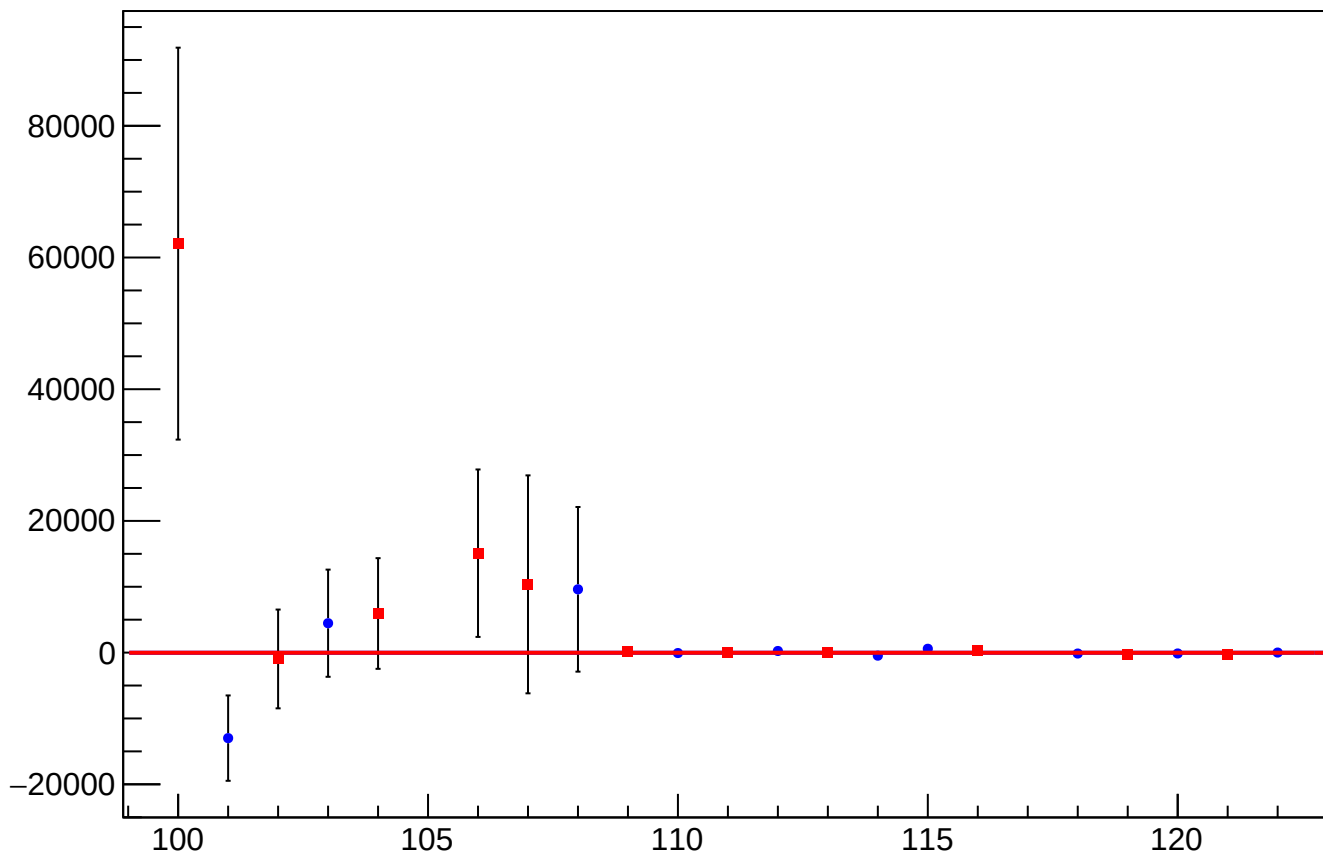
Right: 2.444+/-0.001 χ^2/NDF : 11410707.0/20

In: 2.449+/-0.002 χ^2/NDF :5610183.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.444+/-0.001 χ^2/NDF : 11410707.0/20

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -23.659 $\pm$ 112.135 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.249 $\pm$ 103.048 χ^2 /NDF: 10.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

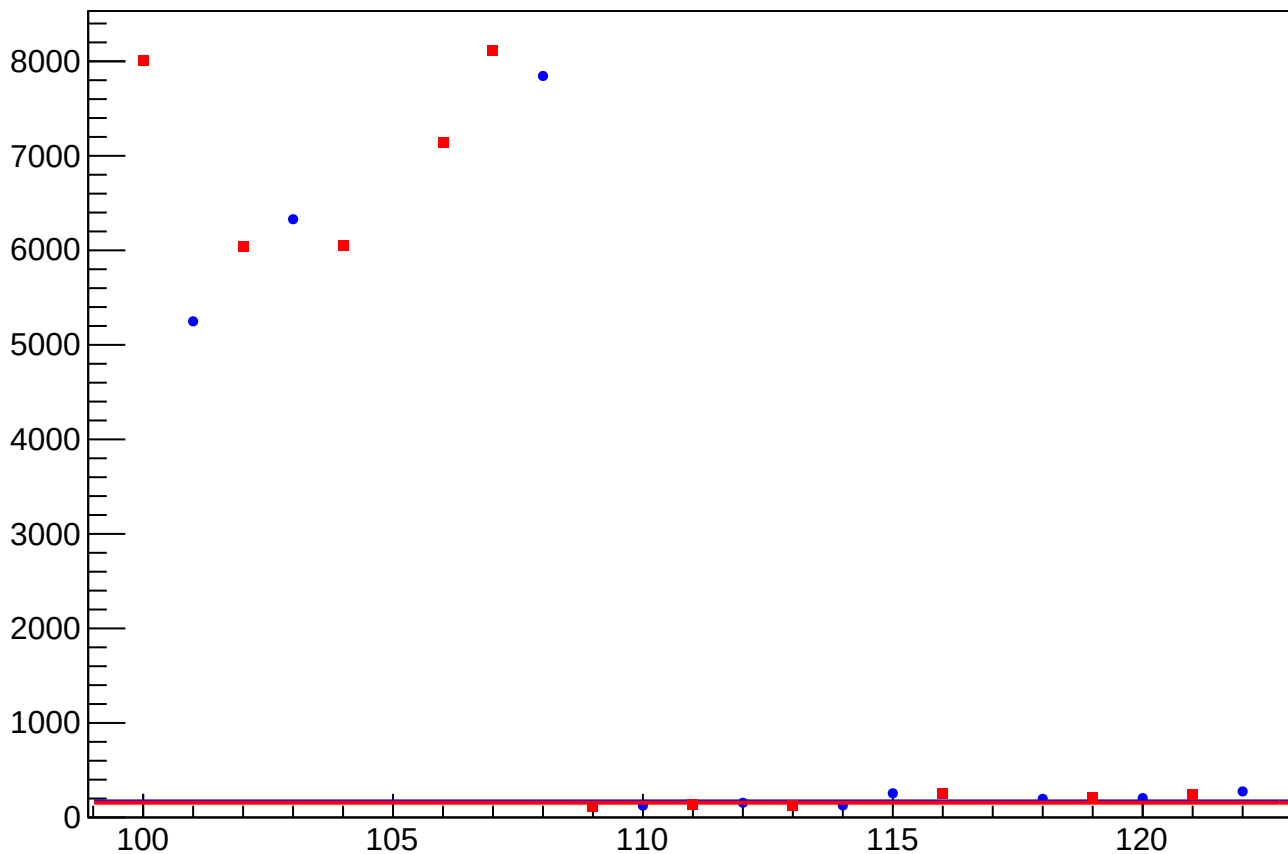
Right: -22.353 $\pm$ 75.875 χ^2 /NDF: 19.4/20

In: -23.659 $\pm$ 112.135 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.353 $\pm$ 75.875 χ^2 /NDF: 19.4/20

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 169.687+/-0.079 χ^2/NDF : 3444852.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 156.381+/-0.073 χ^2/NDF : 3782956.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

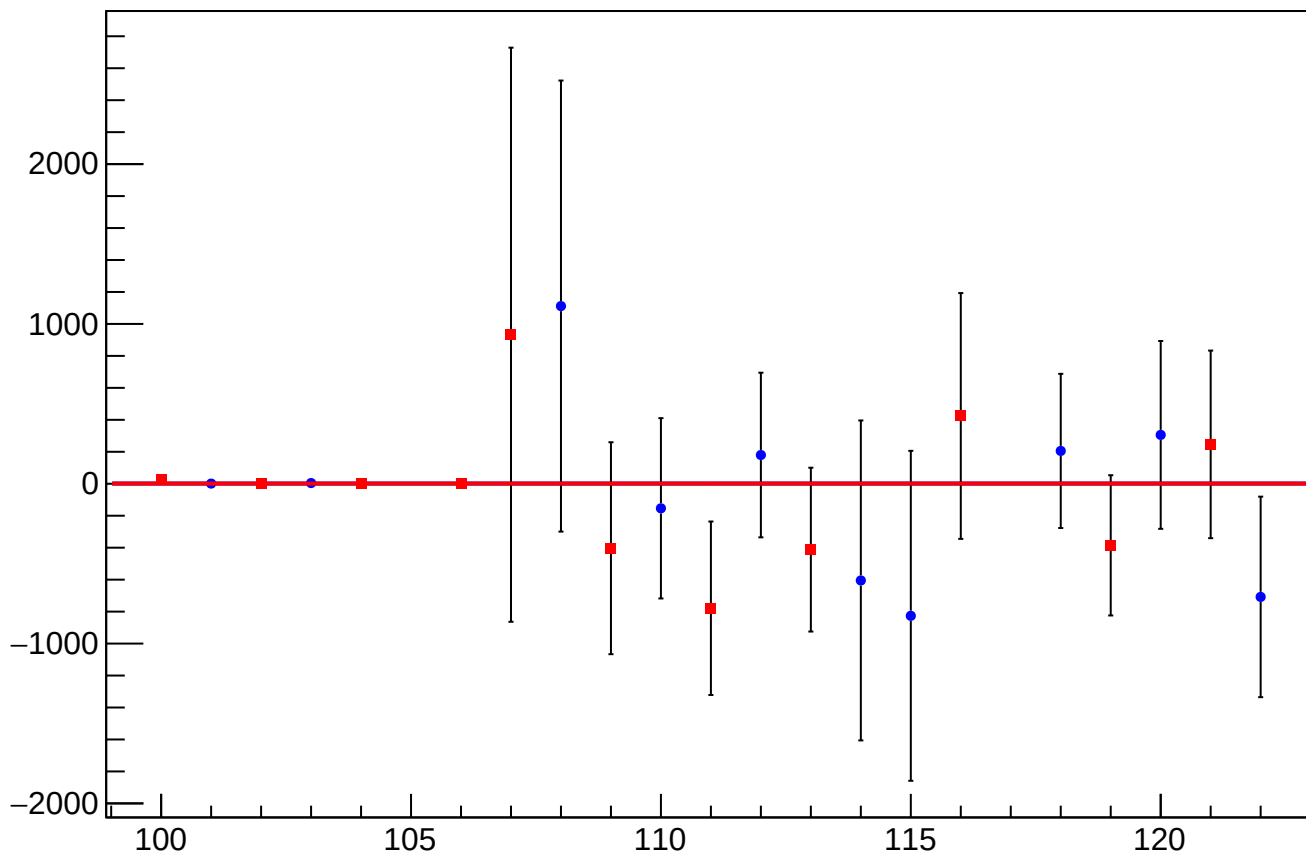
Right: 162.473+/-0.054 χ^2/NDF : 7243075.6/20

In: 169.687+/-0.079 χ^2/NDF :3444852.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 162.473+/-0.054 χ^2/NDF : 7243075.6/20

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: 1.101 $\pm$ 1.528 χ^2 /NDF: 7.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

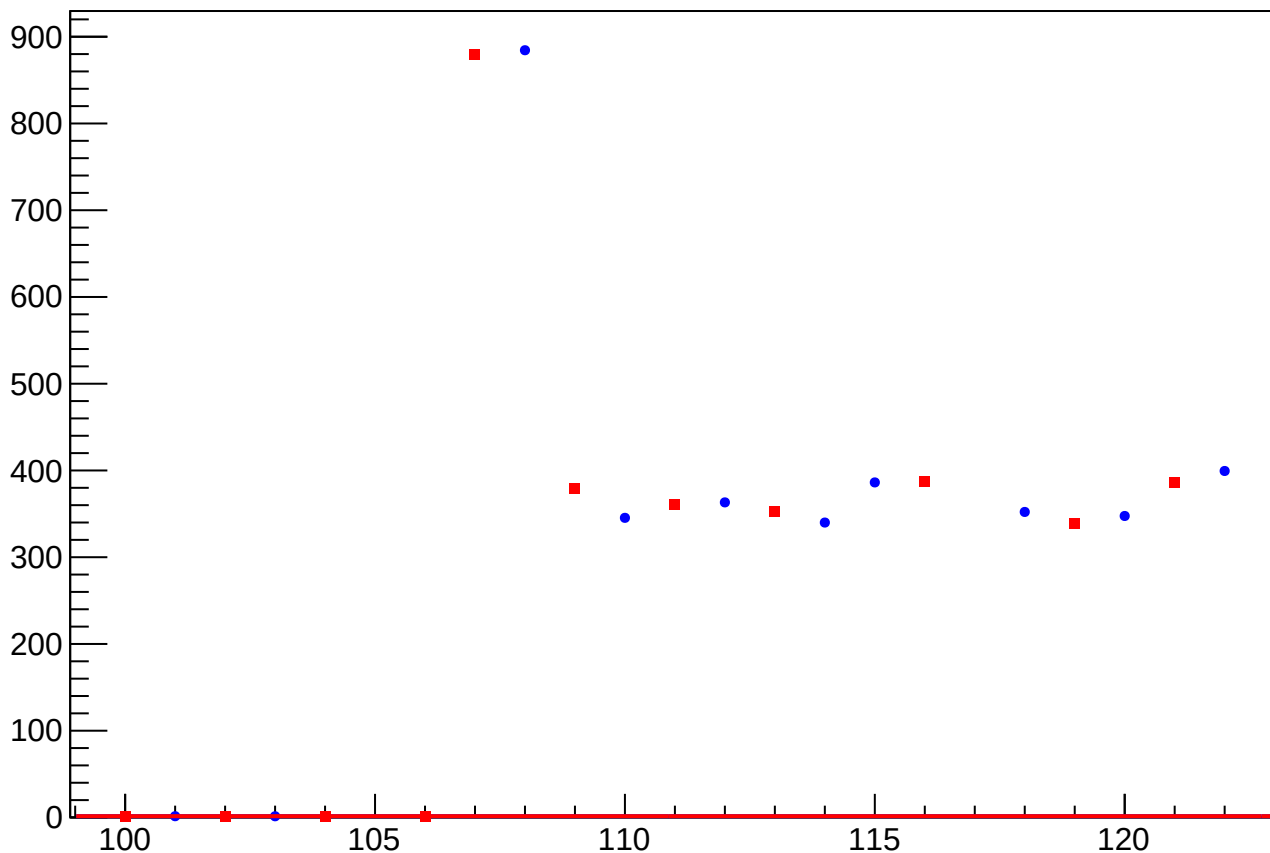
Right: 1.257 $\pm$ 1.124 χ^2 /NDF: 11.1/20

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: 1.257 $\pm$ 1.124 χ^2 /NDF: 11.1/20

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: 1.450+/-0.001 χ^2/NDF : 5484988.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

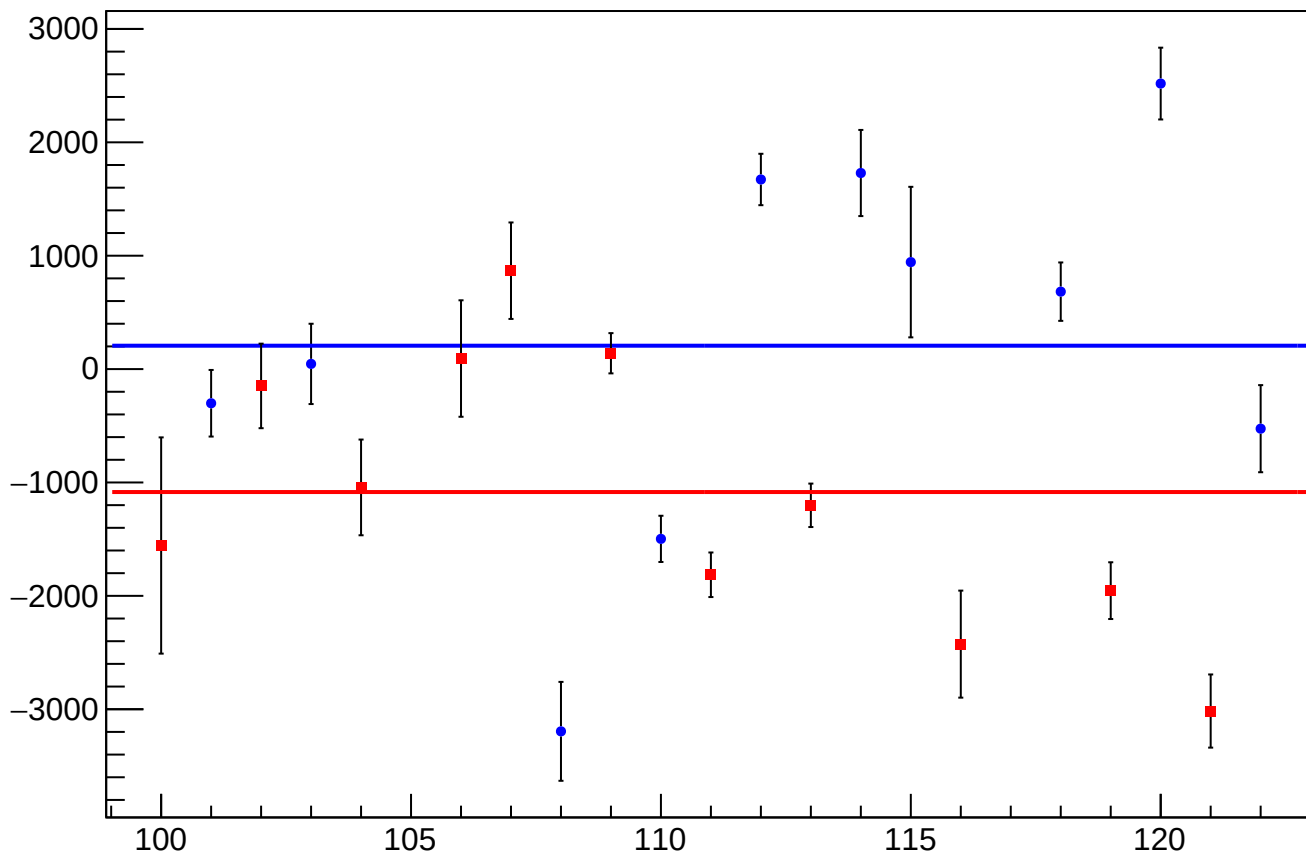
Right: 1.449+/-0.001 χ^2/NDF : 11061913.7/20

In: 1.449+/-0.001 χ^2/NDF : 5576925.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.449+/-0.001 χ^2/NDF : 11061913.7/20

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: -1084.383+/-85.078 χ^2/NDF : 150.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

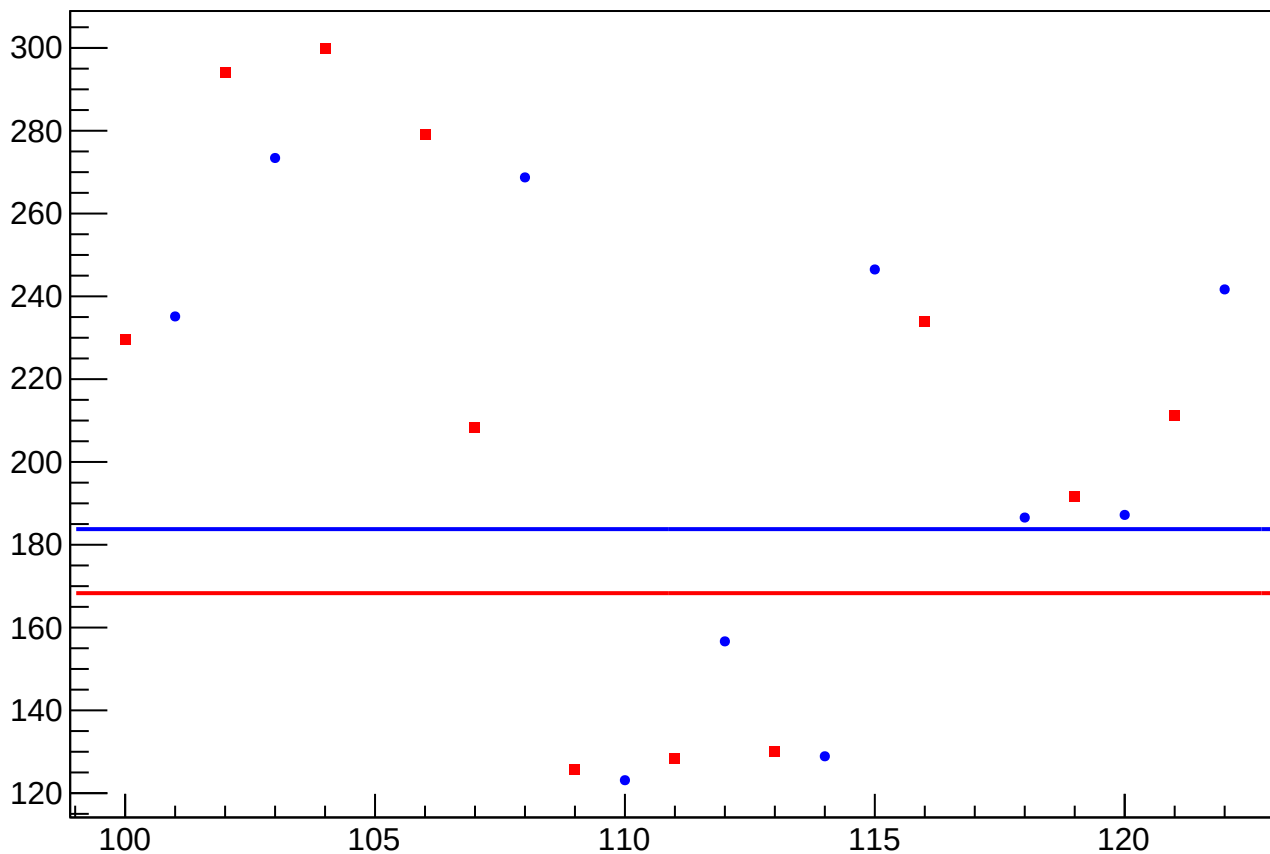
Right: -514.041+/-63.557 χ^2/NDF : 505.7/20

In: 206.222+/-95.608 χ^2/NDF : 253.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -514.041+/-63.557 χ^2/NDF : 505.7/20

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: 168.310+/-0.060 χ^2/NDF : 910324.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

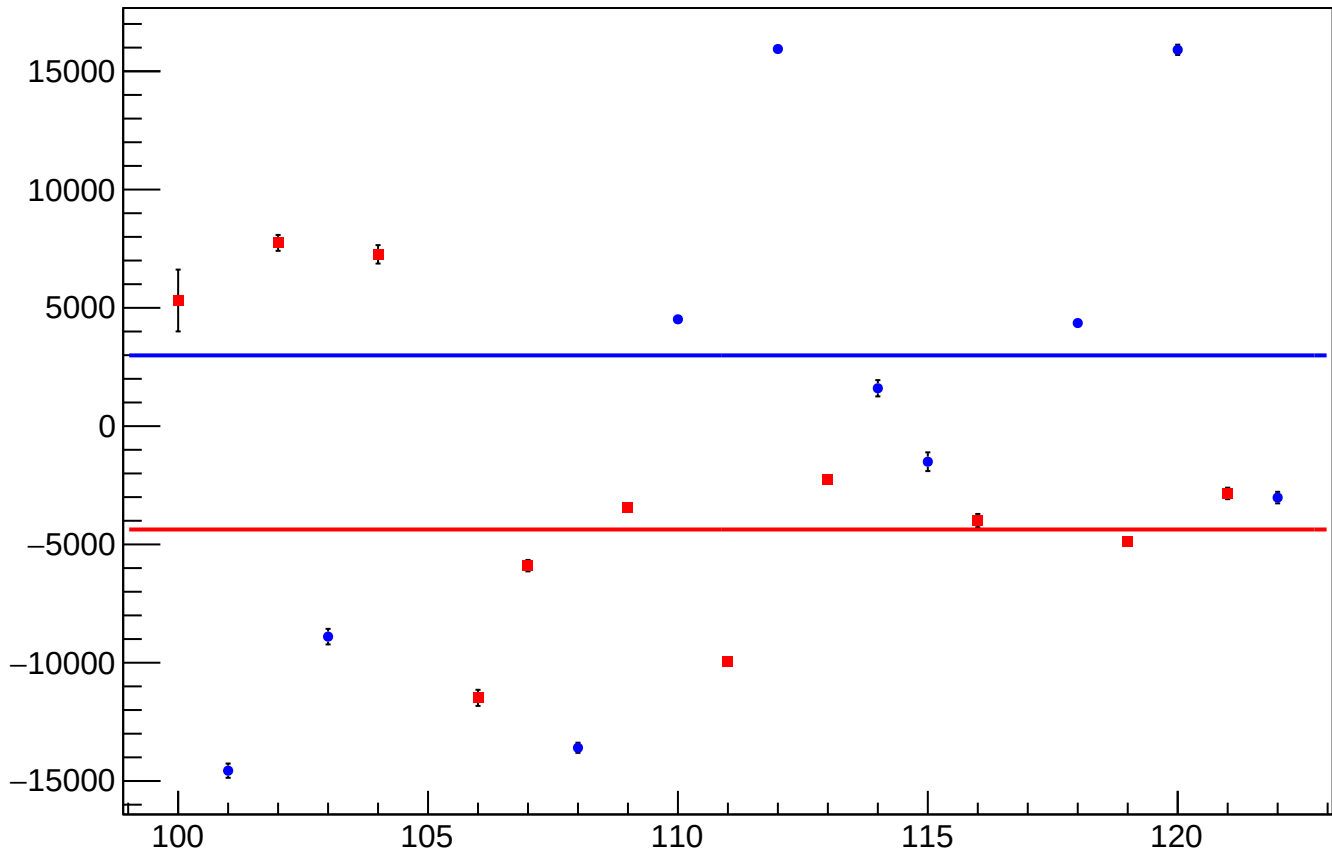
Right: 175.145+/-0.045 χ^2/NDF : 1515998.1/20

In: 183.776+/-0.068 χ^2/NDF : 576466.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.145+/-0.045 χ^2/NDF : 1515998.1/20

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: -4368.612+/-67.115 χ^2/NDF : 4263.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

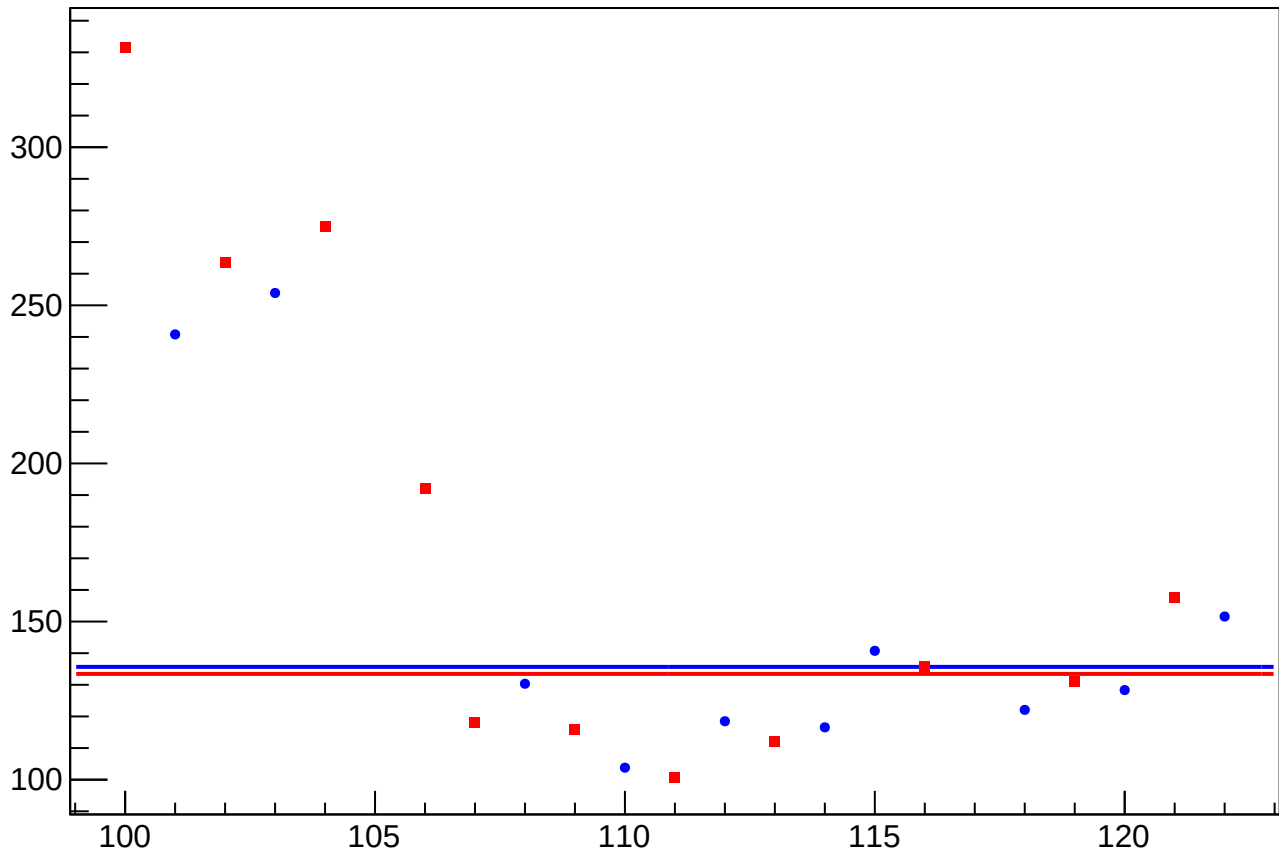
Right: -910.825+/-48.866 χ^2/NDF : 30566.6/20

In: 2990.389+/-71.288 χ^2/NDF : 20654.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -910.825+/-48.866 χ^2/NDF : 30566.6/20

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.672 $\pm$ 0.050 χ^2 /NDF: 620356.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 133.447 $\pm$ 0.047 χ^2 /NDF: 842664.2/10

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

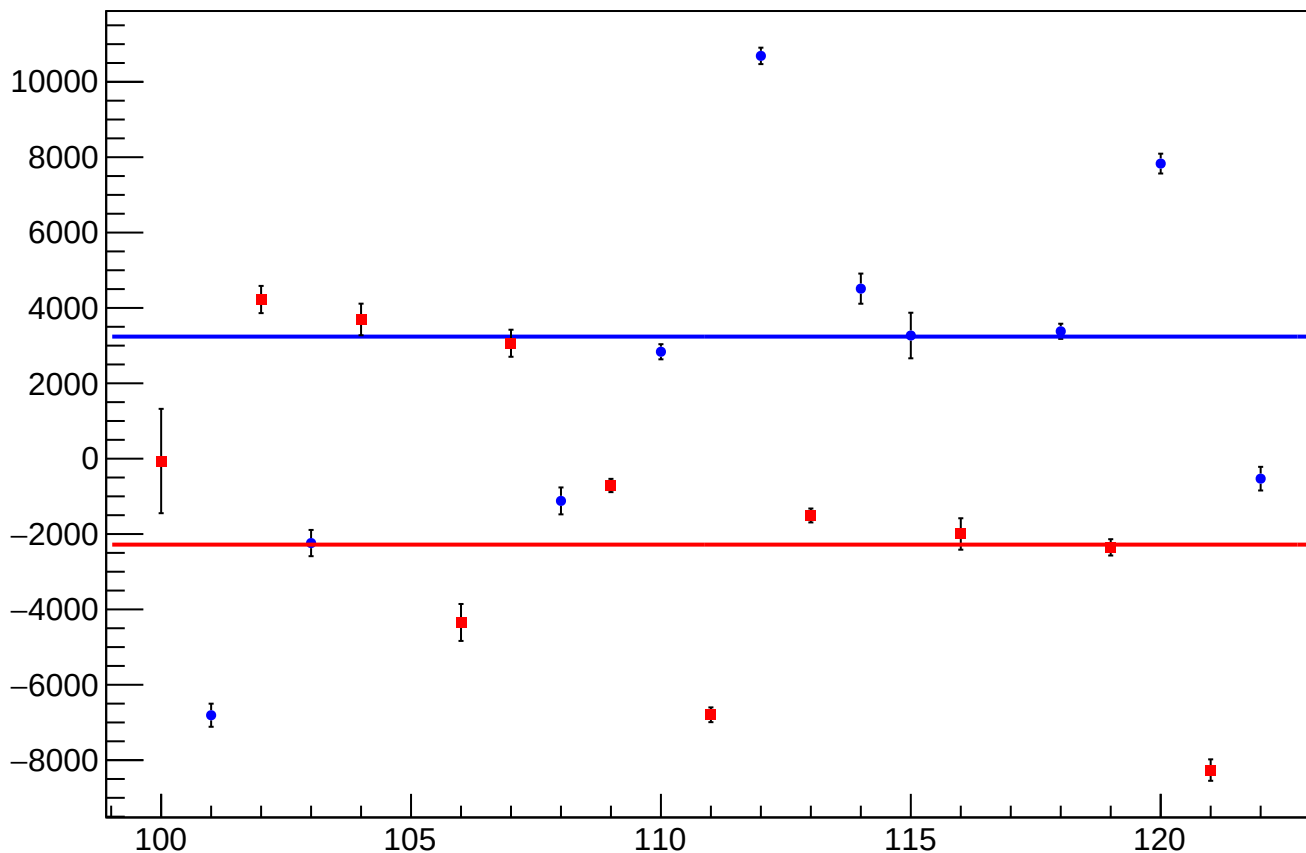
Right: 134.493 $\pm$ 0.035 χ^2 /NDF: 1464053.5/20

In: 135.672 $\pm$ 0.050 χ^2 /NDF:620356.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.493 $\pm$ 0.035 χ^2 /NDF: 1464053.5/20

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: -2280.732+/-80.882 χ^2/NDF : 1839.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

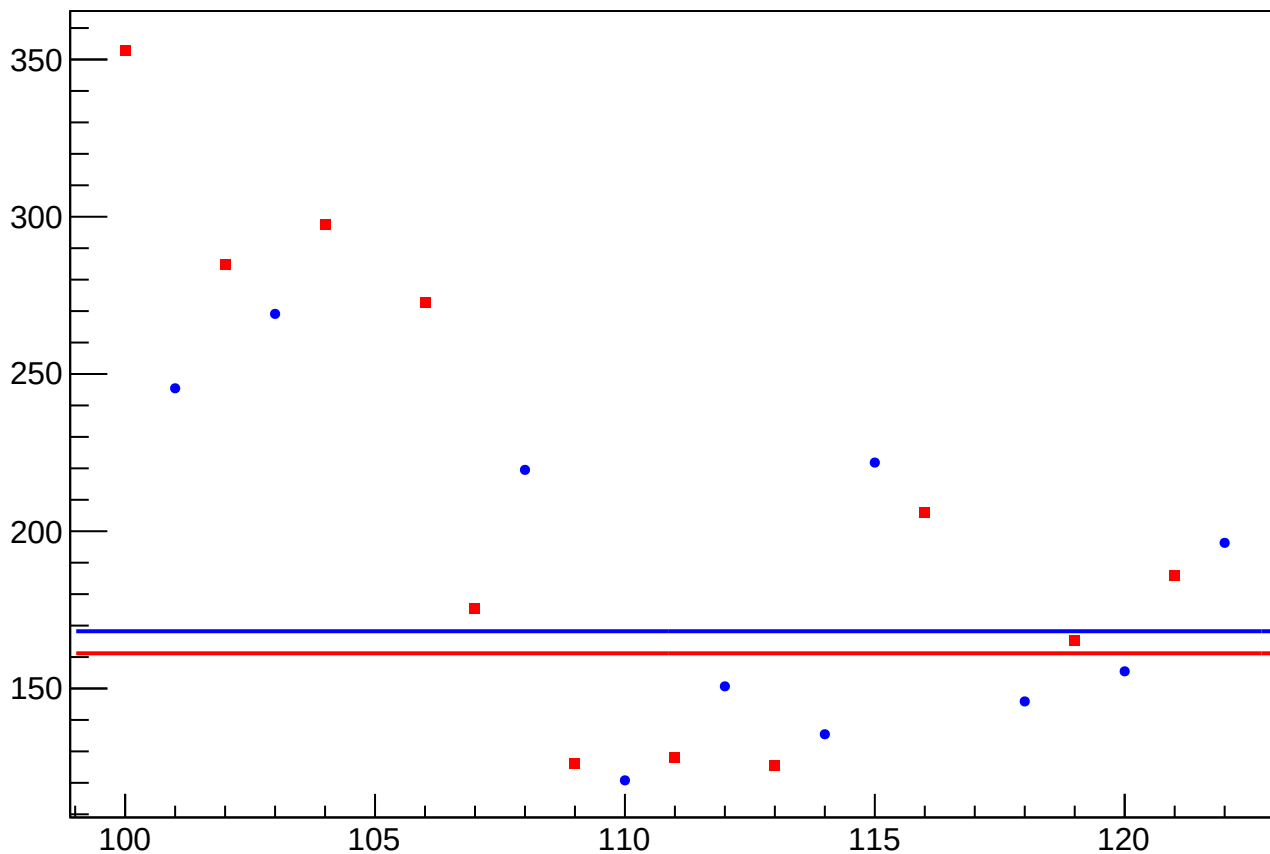
Right: 266.775+/-59.354 χ^2/NDF : 7089.9/20

In: 3239.415+/-87.371 χ^2/NDF : 3101.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.775+/-59.354 χ^2/NDF : 7089.9/20

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 168.202+/-0.062 χ^2/NDF : 535265.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.187+/-0.057 χ^2/NDF : 842351.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

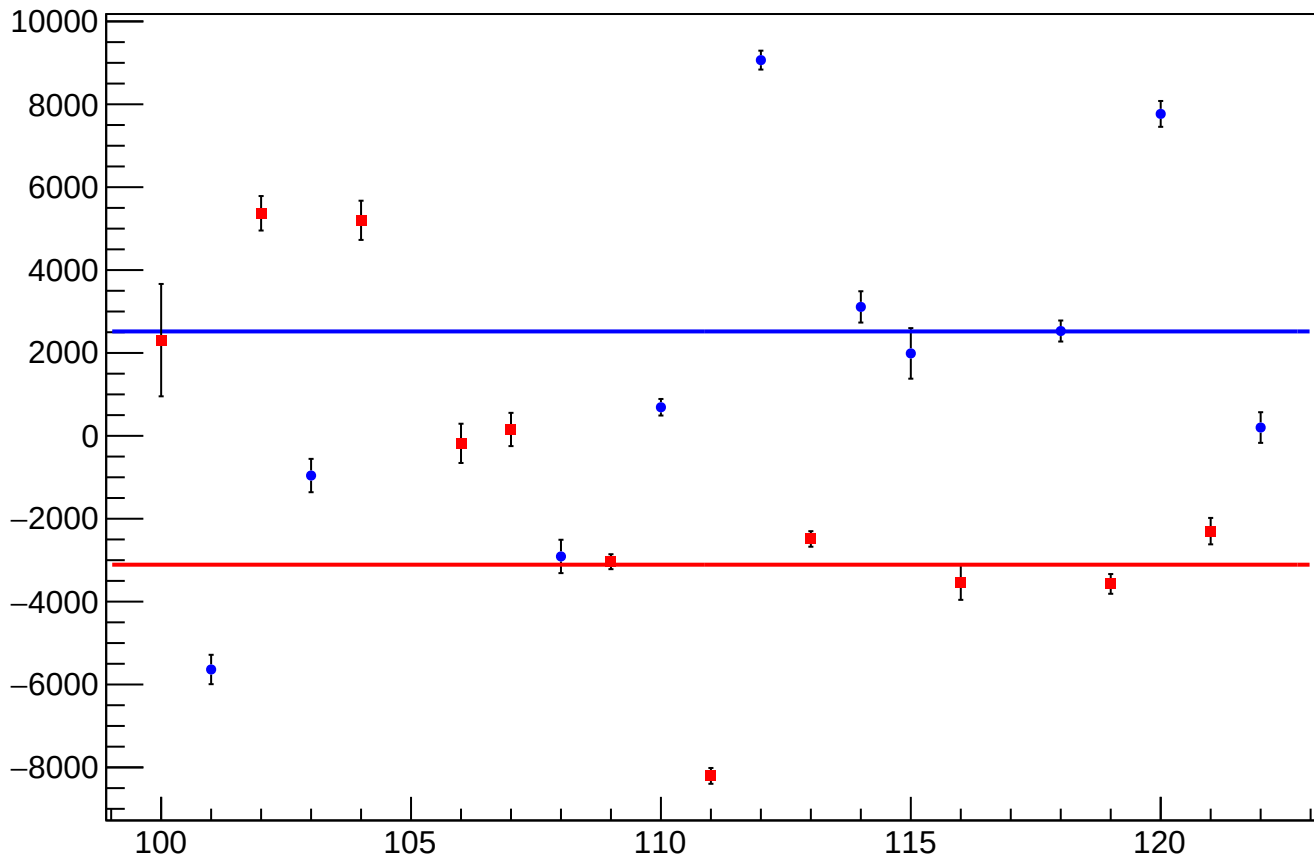
Right: 164.424+/-0.042 χ^2/NDF : 1384561.4/20

In: 168.202+/-0.062 χ^2/NDF : 535265.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.424+/-0.042 χ^2/NDF : 1384561.4/20

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: -3109.111+/-84.216 χ^2/NDF : 1579.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

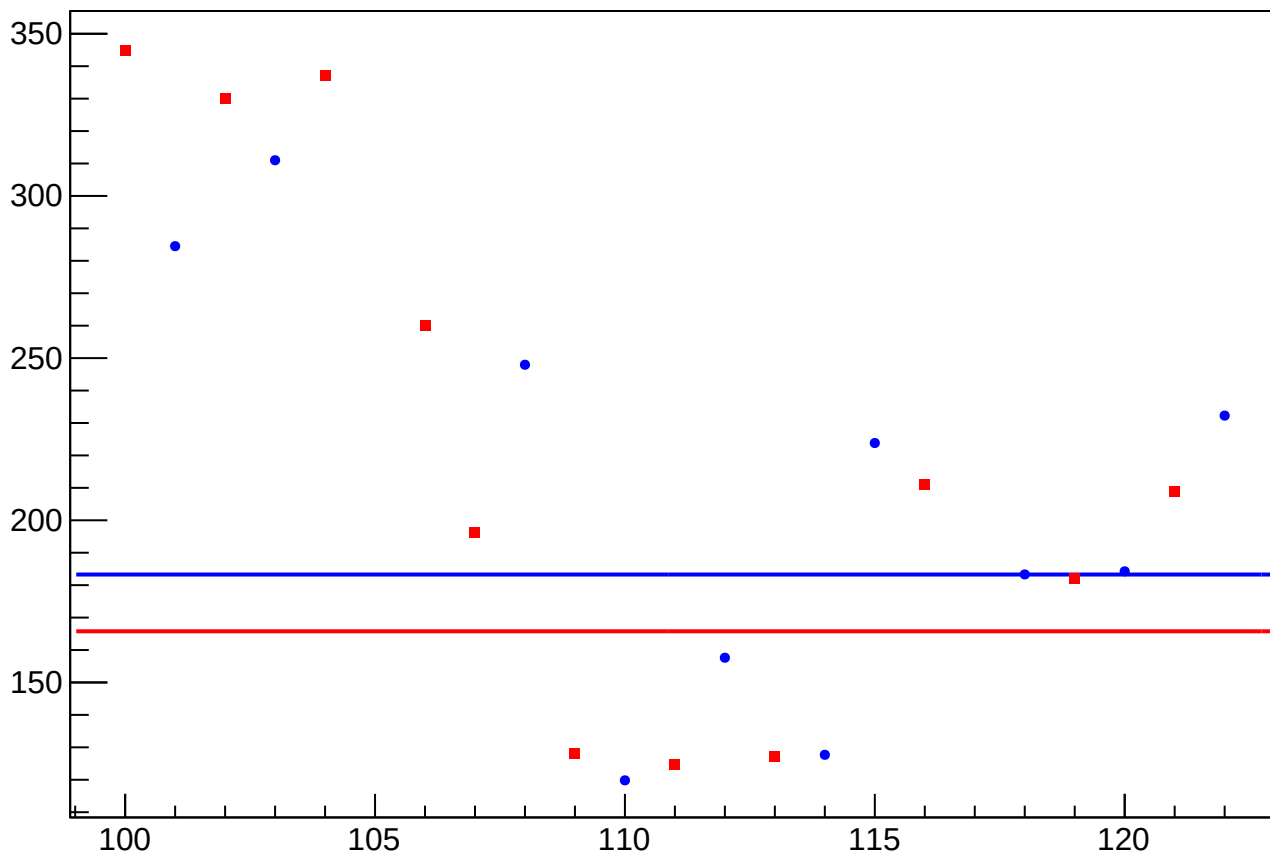
Right: -674.560+/-63.440 χ^2/NDF : 5532.6/20

In: 2519.373+/-96.460 χ^2/NDF : 2021.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.560+/-63.440 χ^2/NDF : 5532.6/20

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: 165.777+/-0.060 χ^2/NDF : 1033231.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

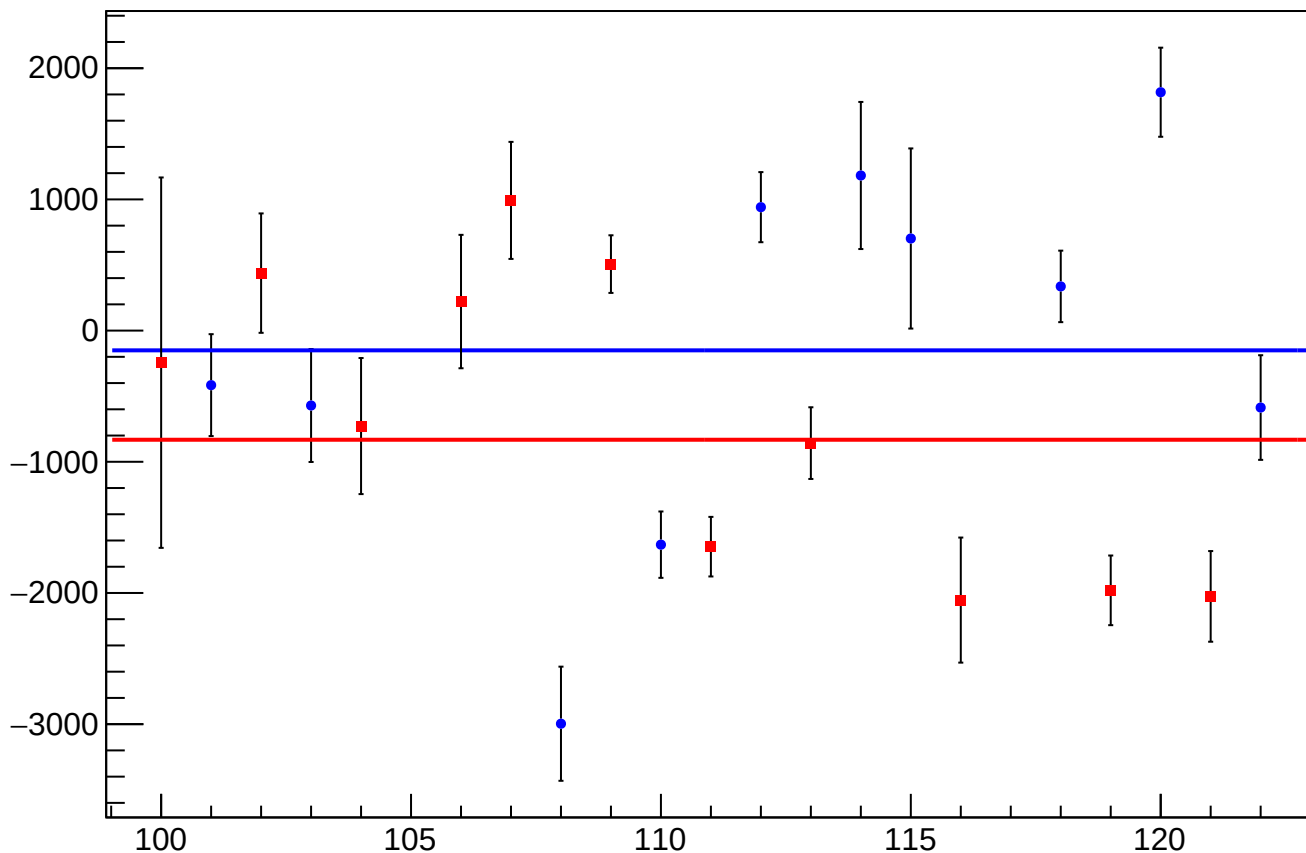
Right: 173.346+/-0.045 χ^2/NDF : 1801743.2/20

In: 183.277+/-0.068 χ^2/NDF : 731157.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.346+/-0.045 χ^2/NDF : 1801743.2/20

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: -832.051+/-100.800 χ^2/NDF : 116.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

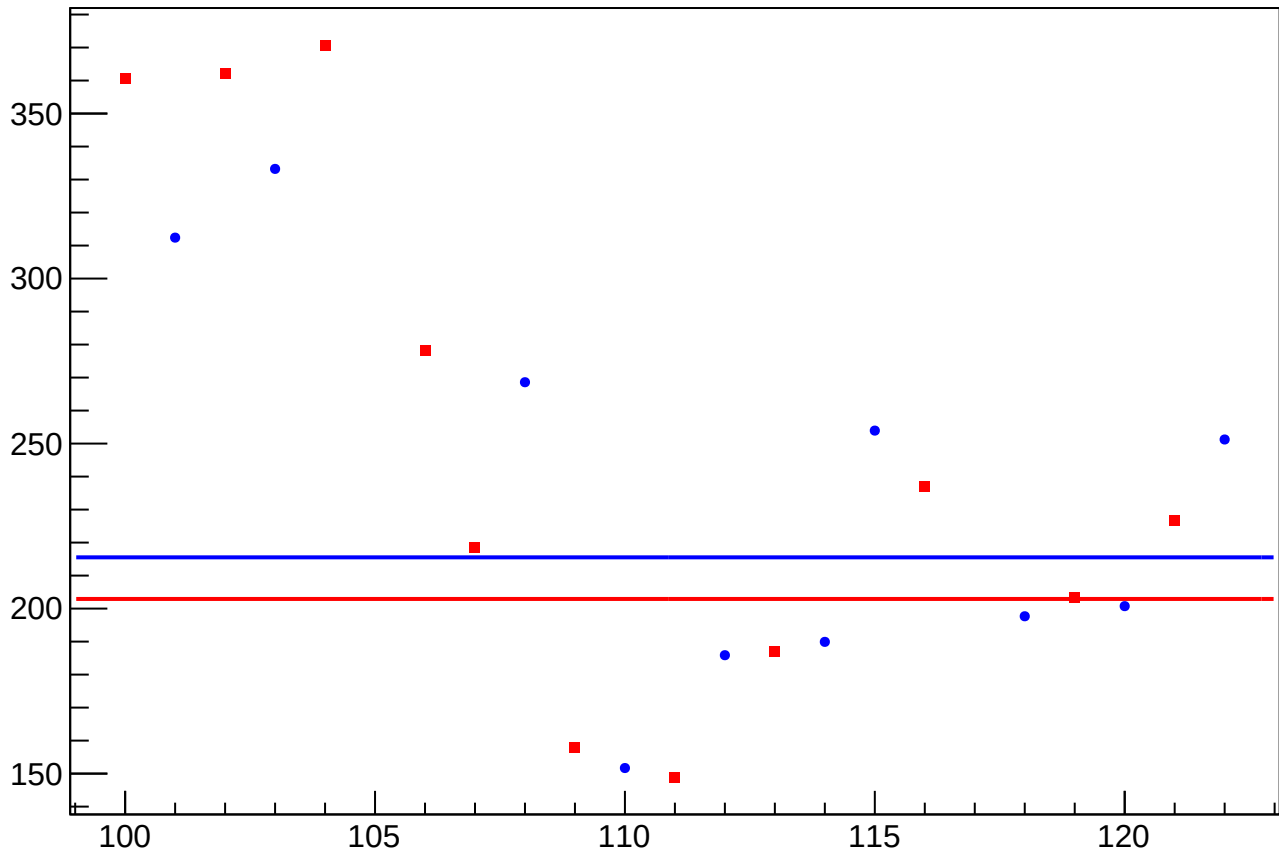
Right: -525.055+/-74.722 χ^2/NDF : 277.2/20

In: -150.576+/-111.329 χ^2/NDF : 140.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -525.055+/-74.722 χ^2/NDF : 277.2/20

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: 202.921+/-0.071 χ^2/NDF : 747745.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

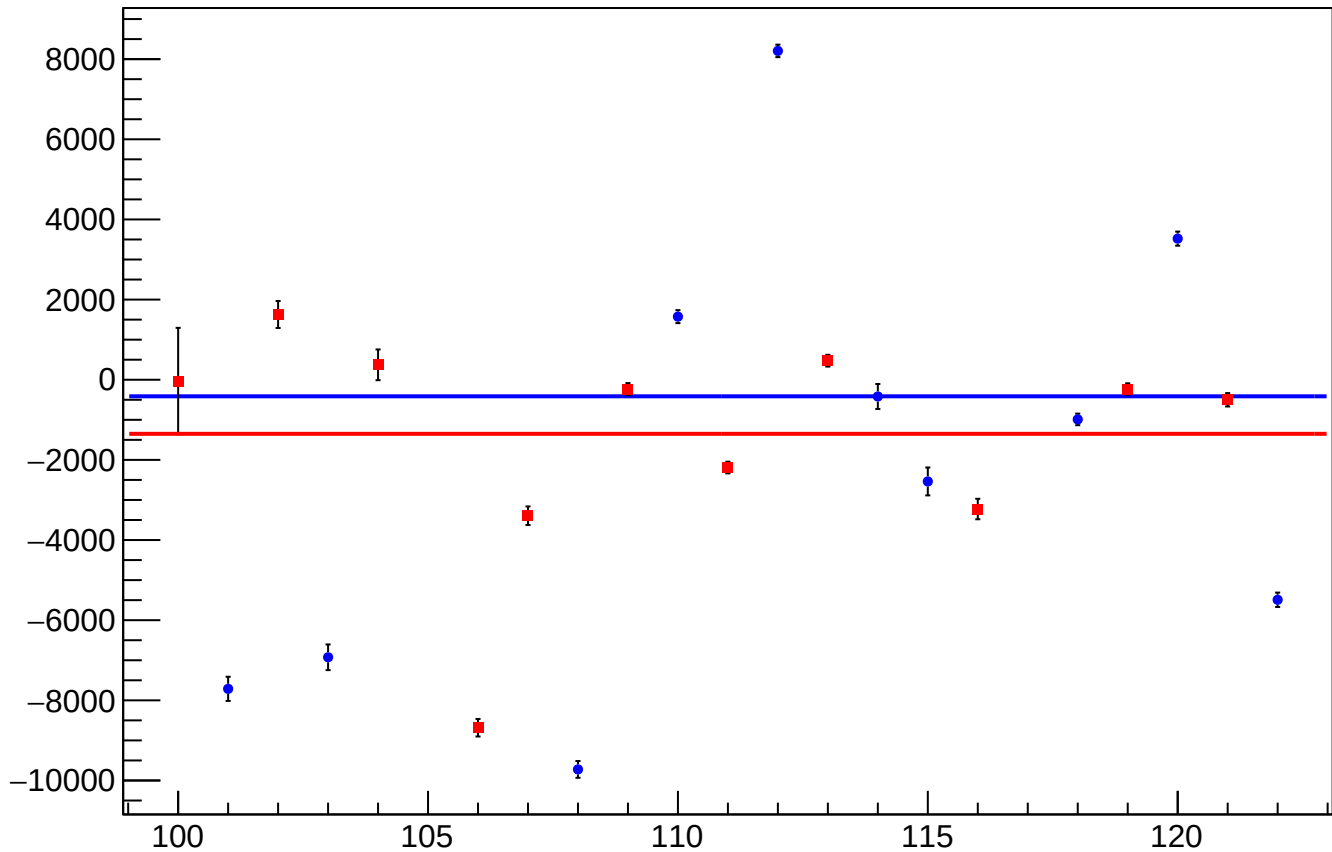
Right: 208.601+/-0.053 χ^2/NDF : 1256448.3/20

In: 215.529+/-0.079 χ^2/NDF : 494606.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.601+/-0.053 χ^2/NDF : 1256448.3/20

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: -1349.655+/-58.286 χ^2/NDF : 1685.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

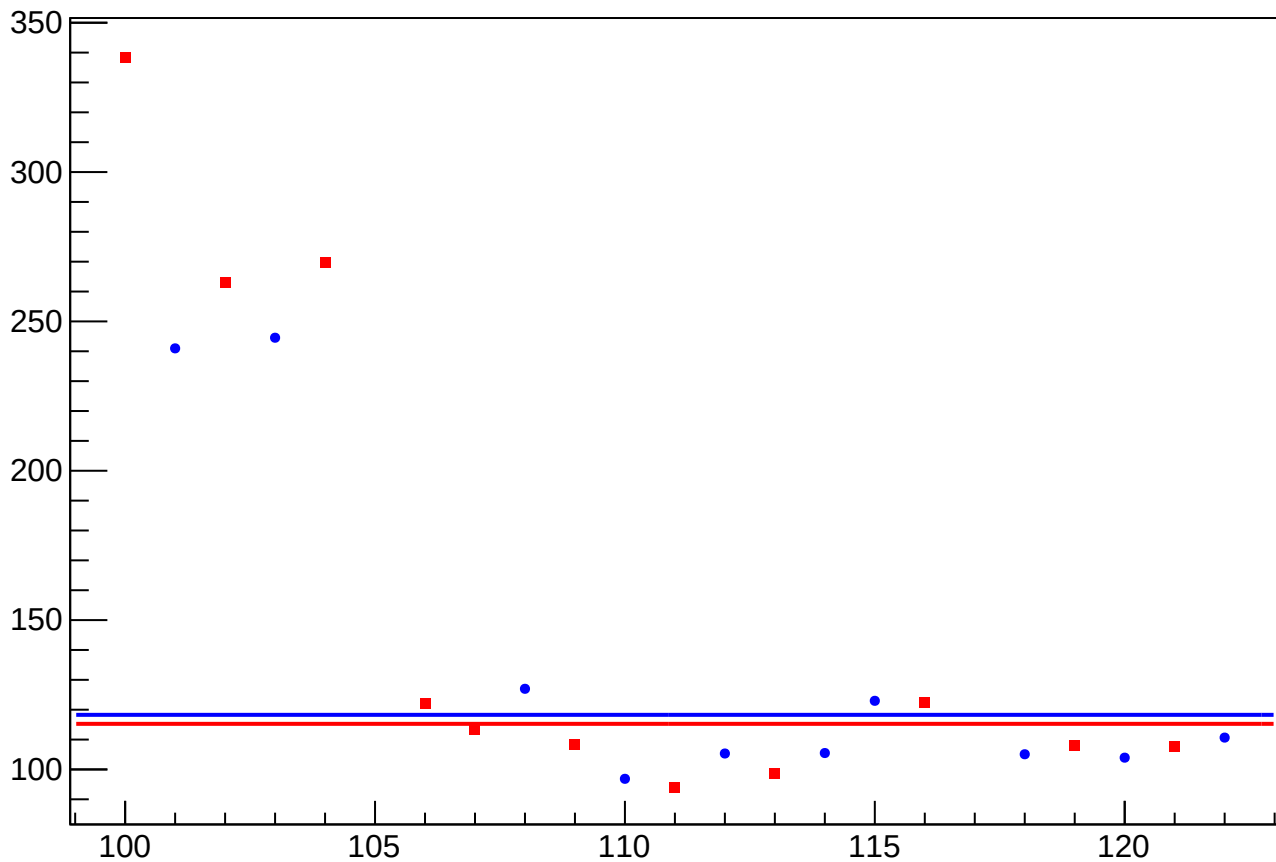
Right: -917.225+/-42.755 χ^2/NDF : 9348.6/20

In: -413.496+/-62.908 χ^2/NDF :7544.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -917.225+/-42.755 χ^2/NDF : 9348.6/20

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: 115.265+/-0.041 χ^2/NDF : 854947.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

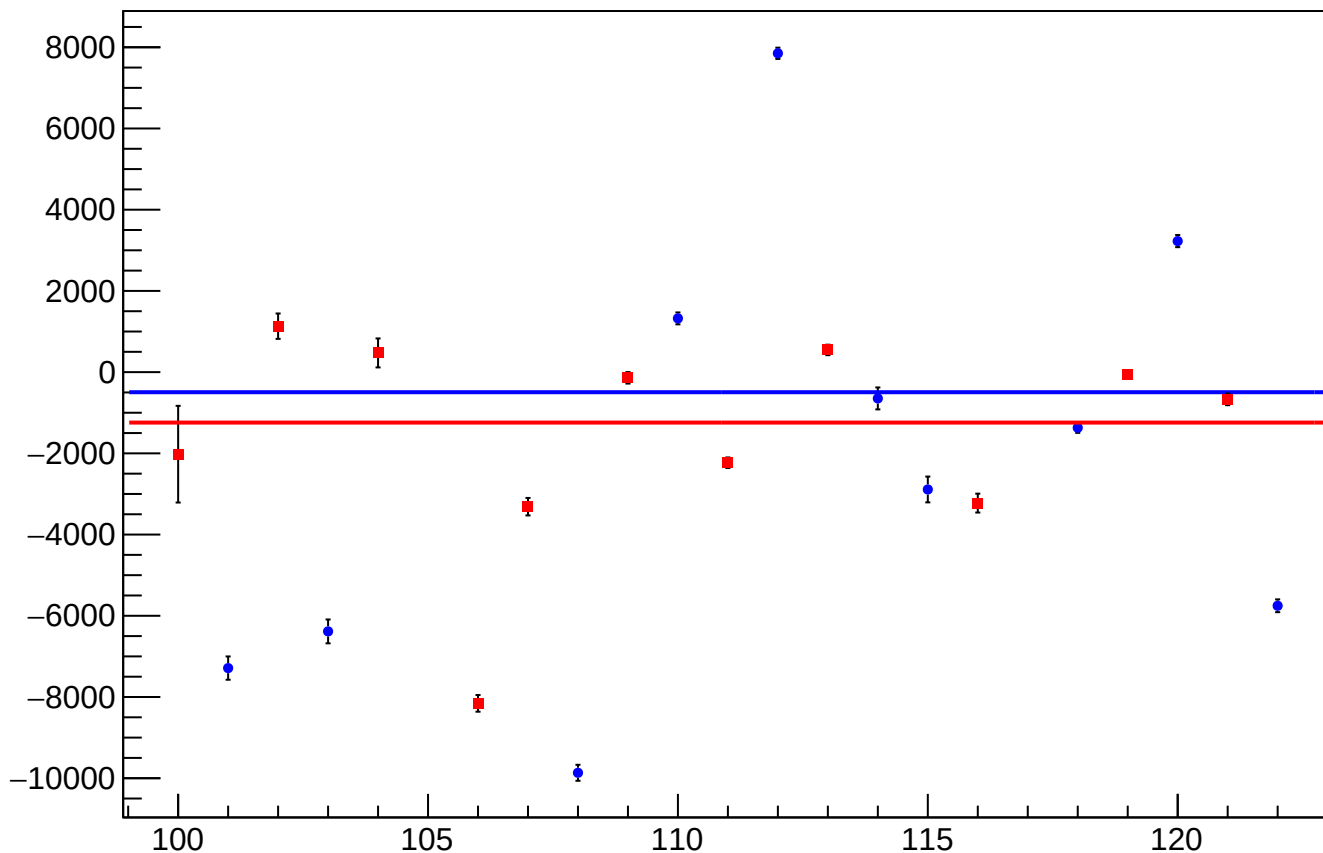
Right: 116.658+/-0.030 χ^2/NDF : 1587895.8/20

In: 118.281+/-0.044 χ^2/NDF : 730474.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.658+/-0.030 χ^2/NDF : 1587895.8/20

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: -1242.161+/-52.278 χ^2/NDF : 1799.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

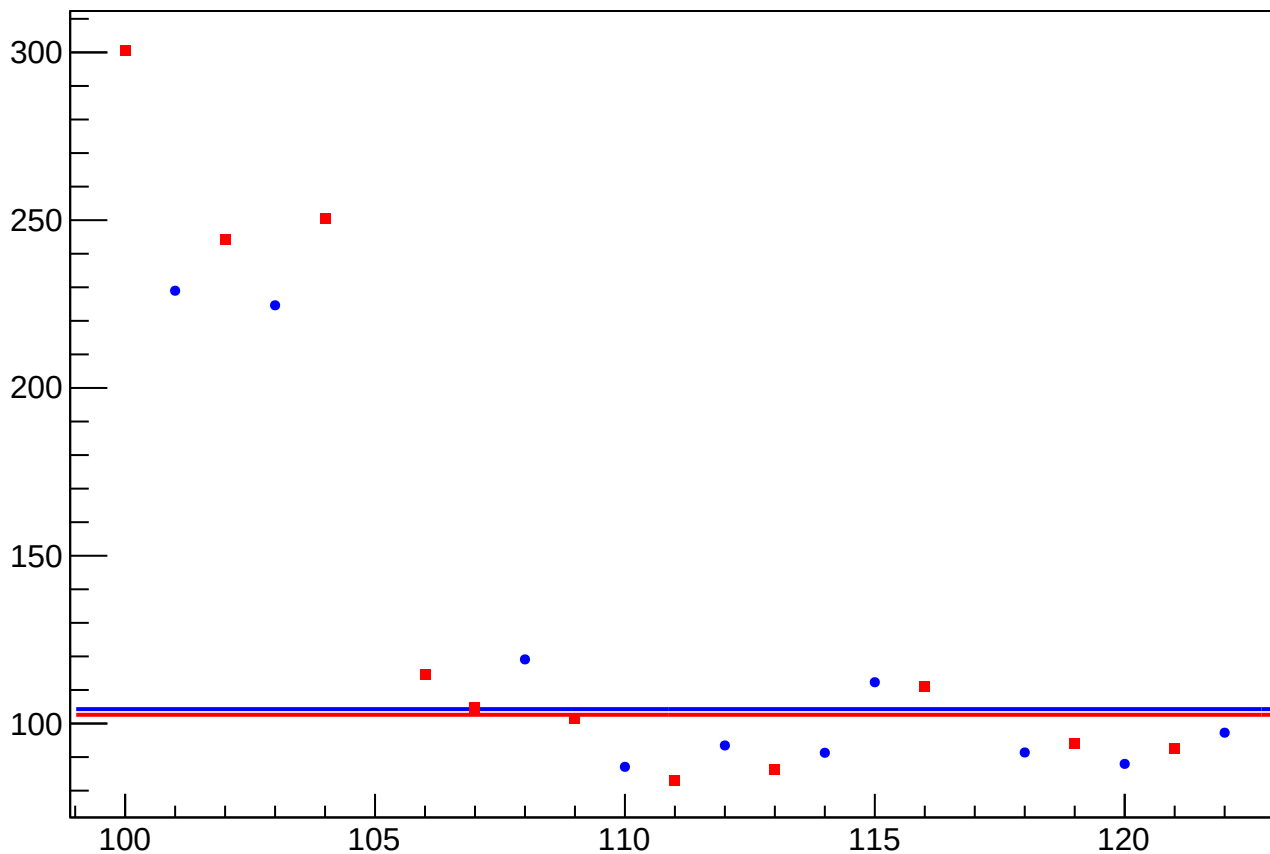
Right: -893.586+/-38.193 χ^2/NDF : 10726.6/20

In: -494.556+/-55.934 χ^2/NDF : 8831.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -893.586+/-38.193 χ^2/NDF : 10726.6/20

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: 102.606+/-0.037 χ^2/NDF : 916773.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

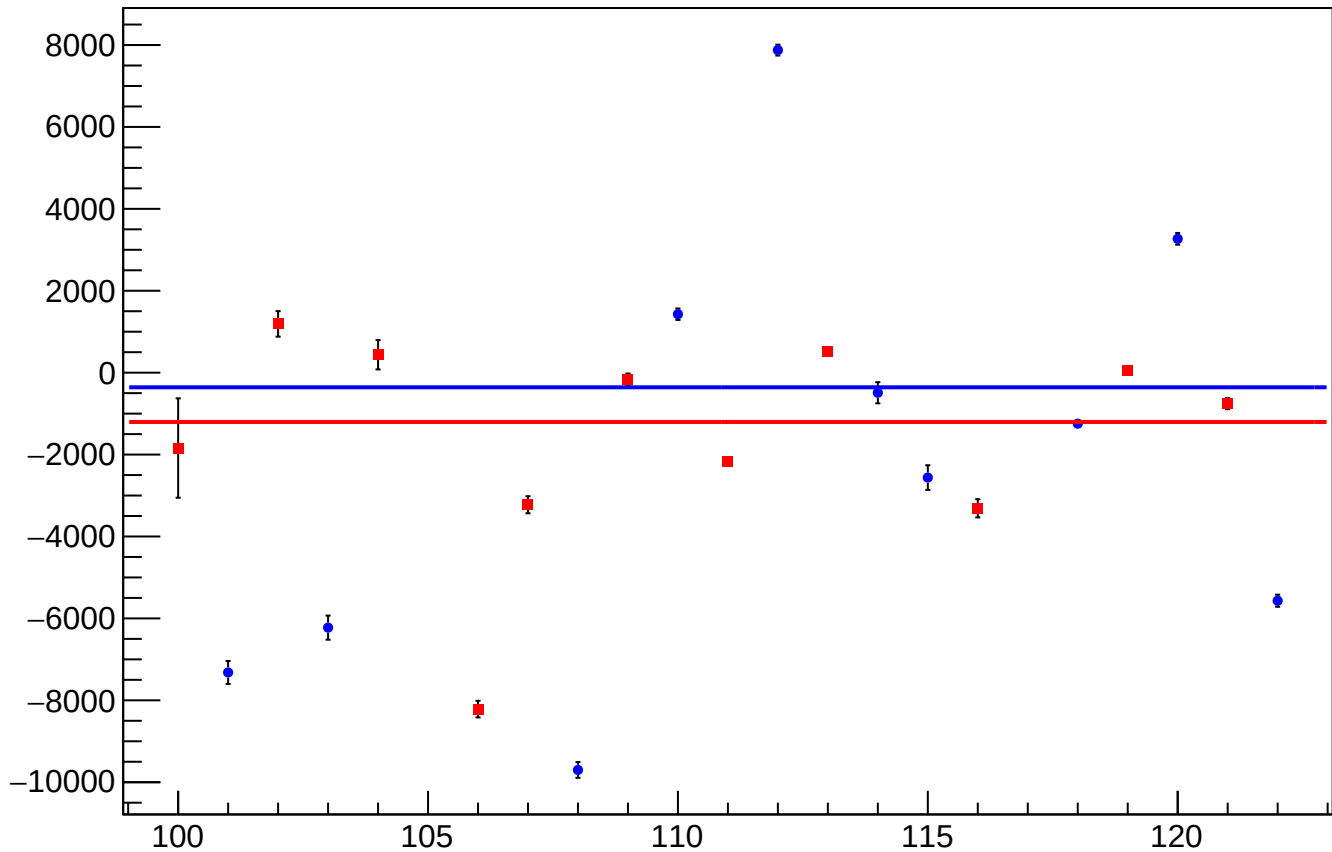
Right: 103.393+/-0.027 χ^2/NDF : 1736771.4/20

In: 104.293+/-0.040 χ^2/NDF : 819026.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.393+/-0.027 χ^2/NDF : 1736771.4/20

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: -1203.721+/-49.829 χ^2/NDF : 1907.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

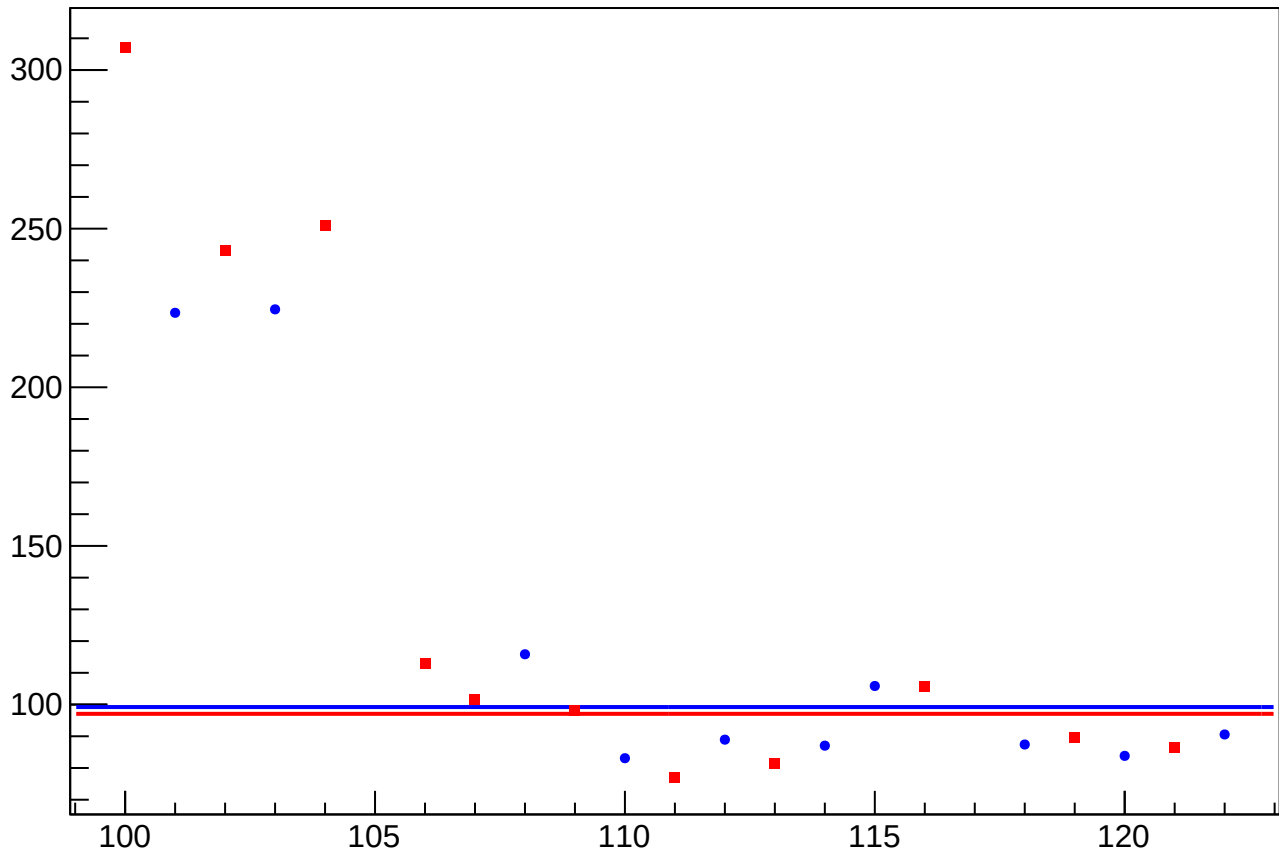
Right: -810.609+/-36.469 χ^2/NDF : 11444.7/20

In: -357.145+/-53.517 χ^2/NDF : 9402.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -810.609+/-36.469 χ^2/NDF : 11444.7/20

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: 97.070+/-0.035 χ^2/NDF : 997639.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

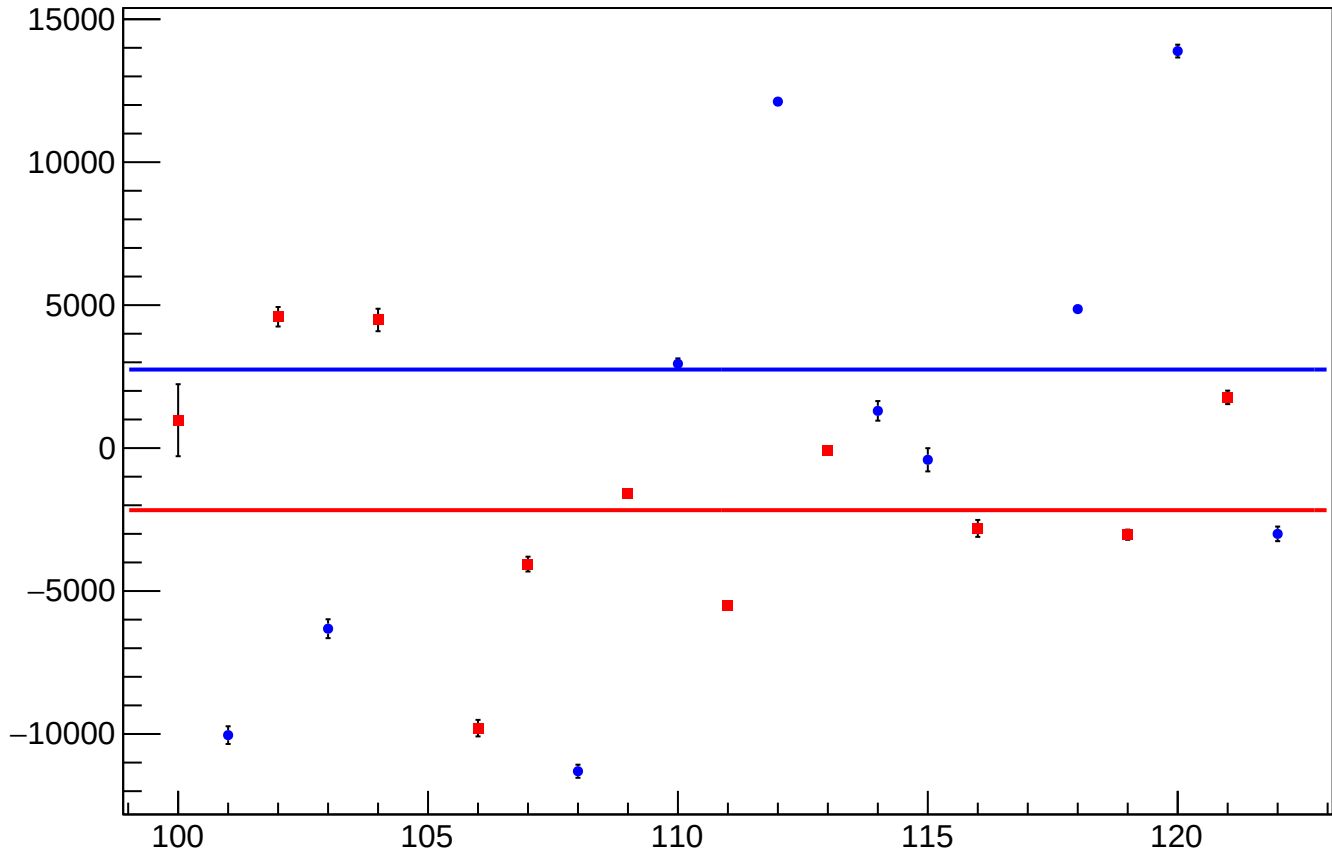
Right: 98.063+/-0.026 χ^2/NDF : 1863497.4/20

In: 99.210+/-0.038 χ^2/NDF : 864145.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.063+/-0.026 χ^2/NDF : 1863497.4/20

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: -2171.617+/-69.216 χ^2/NDF : 2296.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

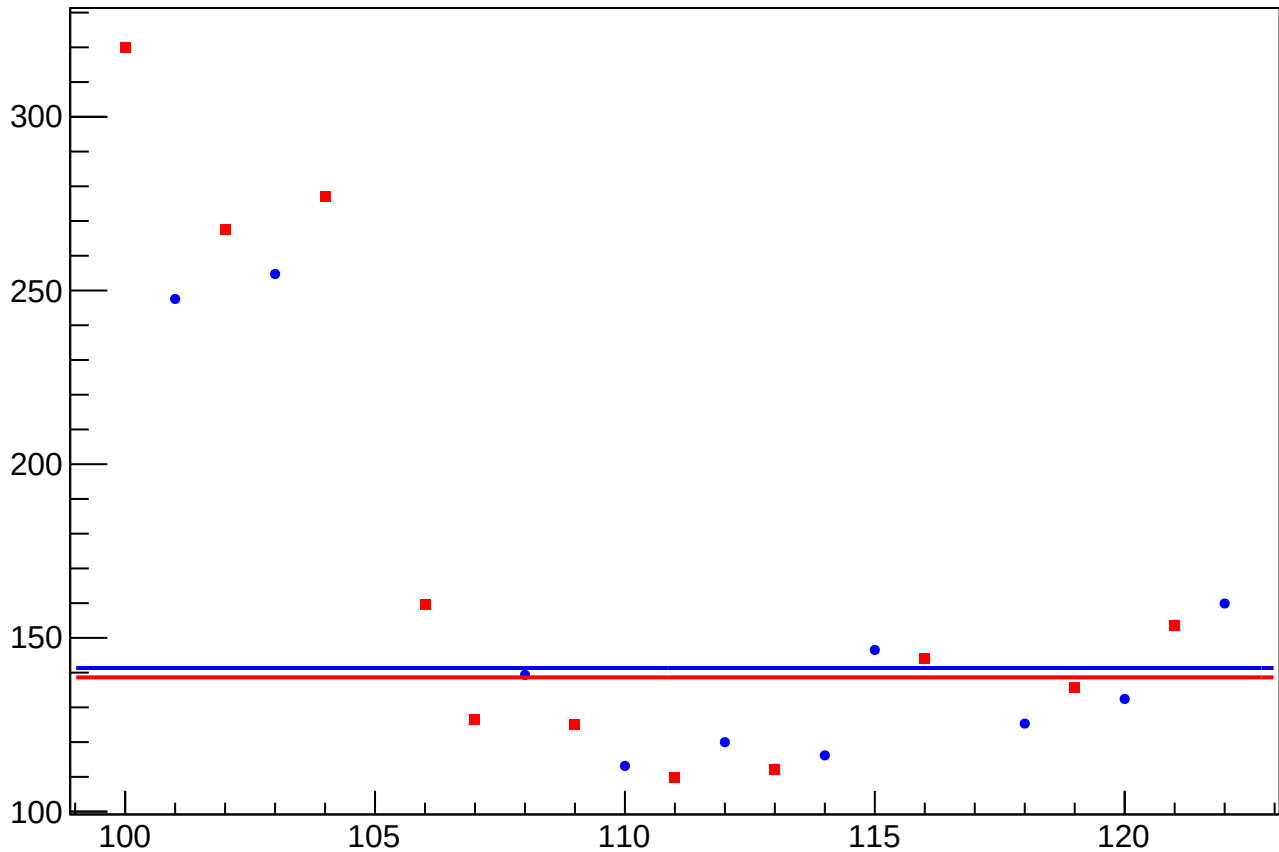
Right: 126.002+/-50.527 χ^2/NDF : 16923.4/20

In: 2747.074+/-73.928 χ^2/NDF : 12267.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.002+/-50.527 χ^2/NDF : 16923.4/20

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: 138.634+/-0.049 χ^2/NDF : 719548.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

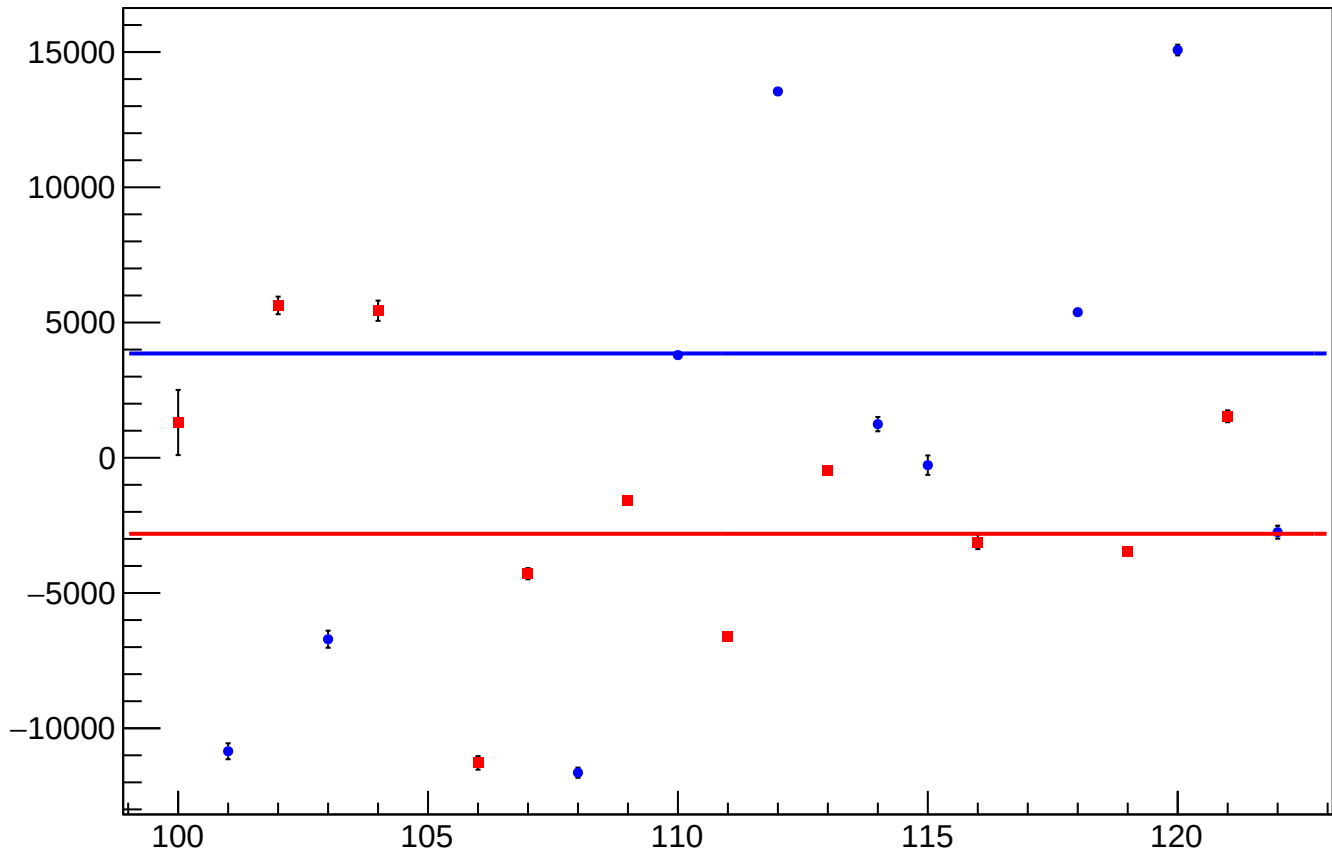
Right: 139.895+/-0.036 χ^2/NDF : 1307779.7/20

In: 141.334+/-0.052 χ^2/NDF : 586810.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.895+/-0.036 χ^2/NDF : 1307779.7/20

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: -2810.729+/-56.053 χ^2/NDF : 4165.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

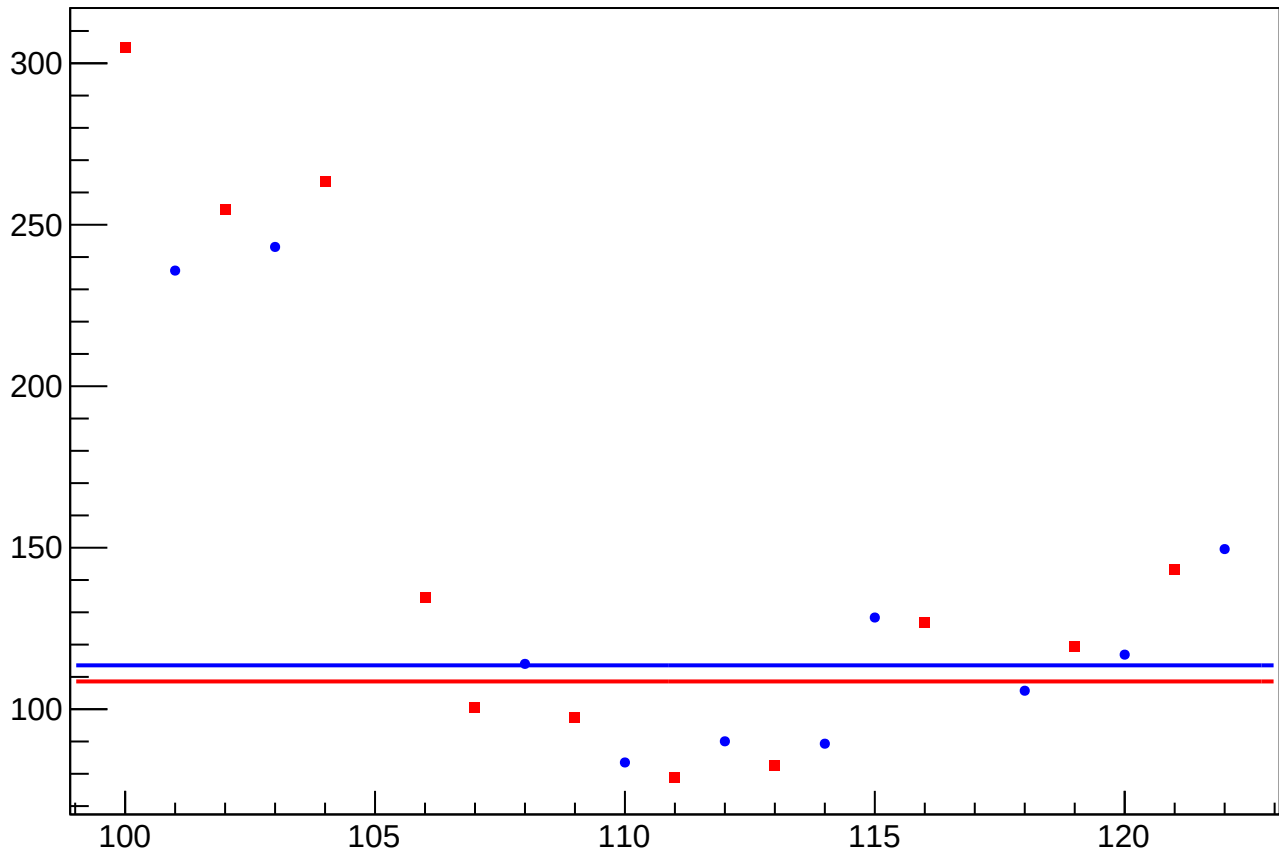
Right: 234.102+/-41.316 χ^2/NDF : 30469.9/20

In: 3856.236+/-61.137 χ^2/NDF : 19843.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.102+/-41.316 χ^2/NDF : 30469.9/20

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: 108.593+/-0.040 χ^2/NDF : 1110251.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

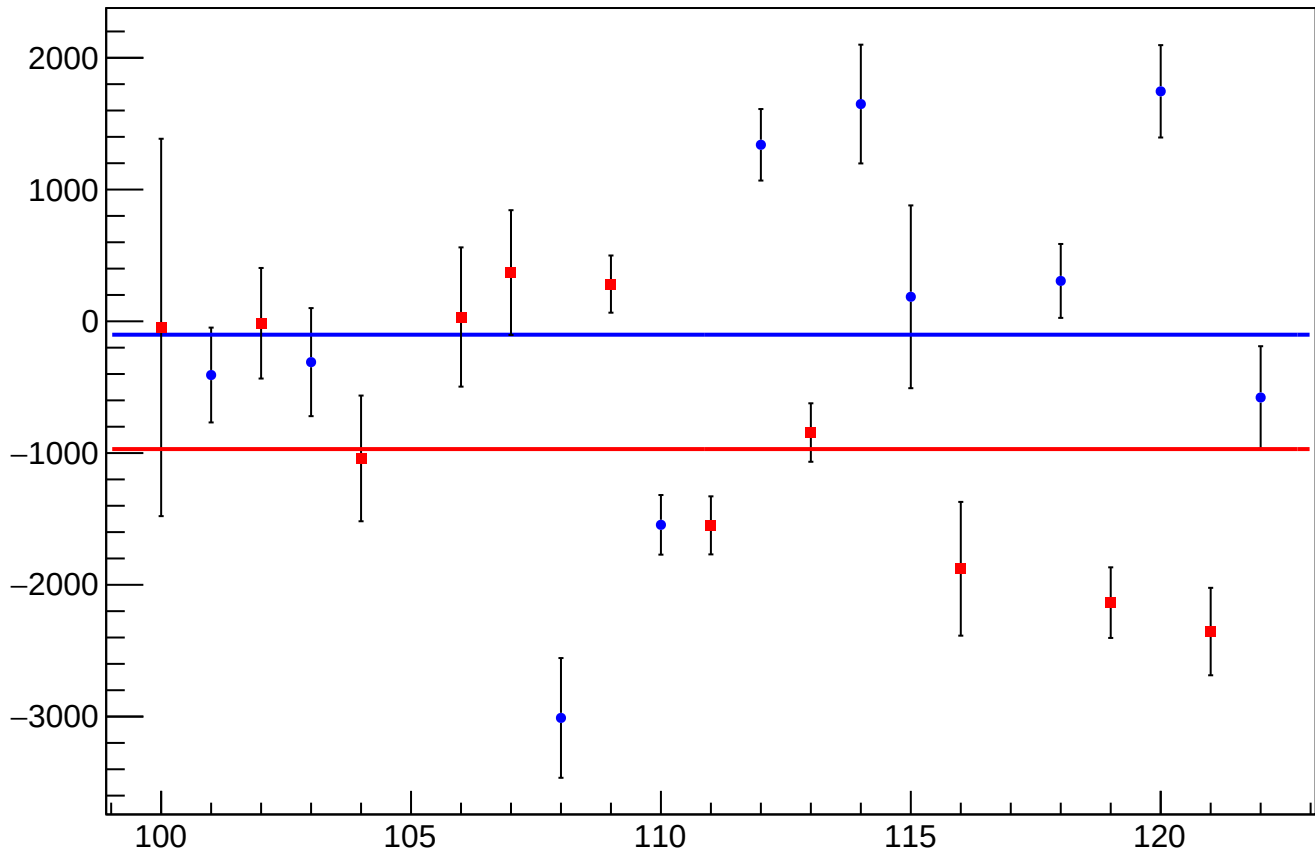
Right: 110.870+/-0.029 χ^2/NDF : 2019686.0/20

In: 113.579+/-0.043 χ^2/NDF : 902207.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.870+/-0.029 χ^2/NDF : 2019686.0/20

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: -969.736+/-96.398 χ^2/NDF : 97.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

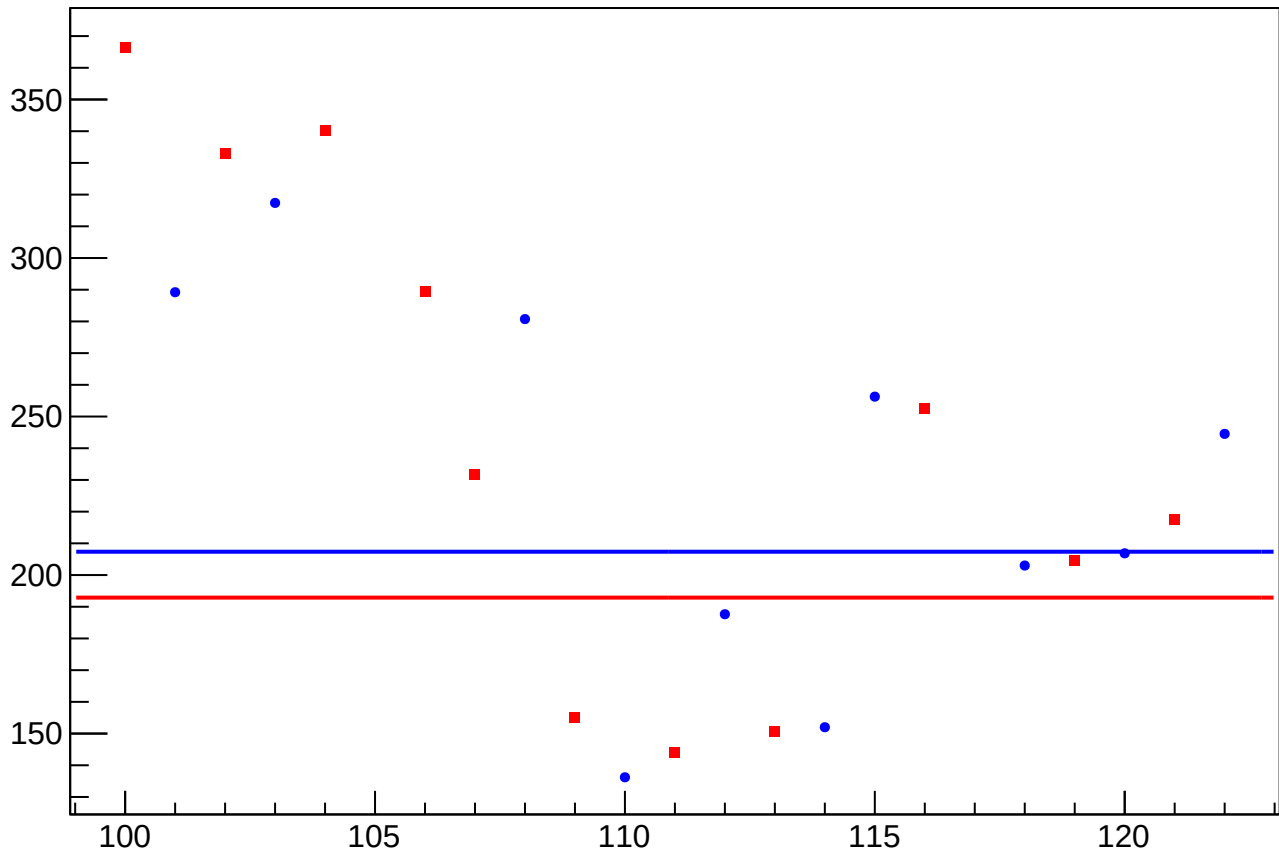
Right: -584.007+/-71.858 χ^2/NDF : 290.7/20

In: -101.641+/-107.799 χ^2/NDF :157.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -584.007+/-71.858 χ^2/NDF : 290.7/20

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: 192.881 ± 0.068 χ^2/NDF : 796533.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

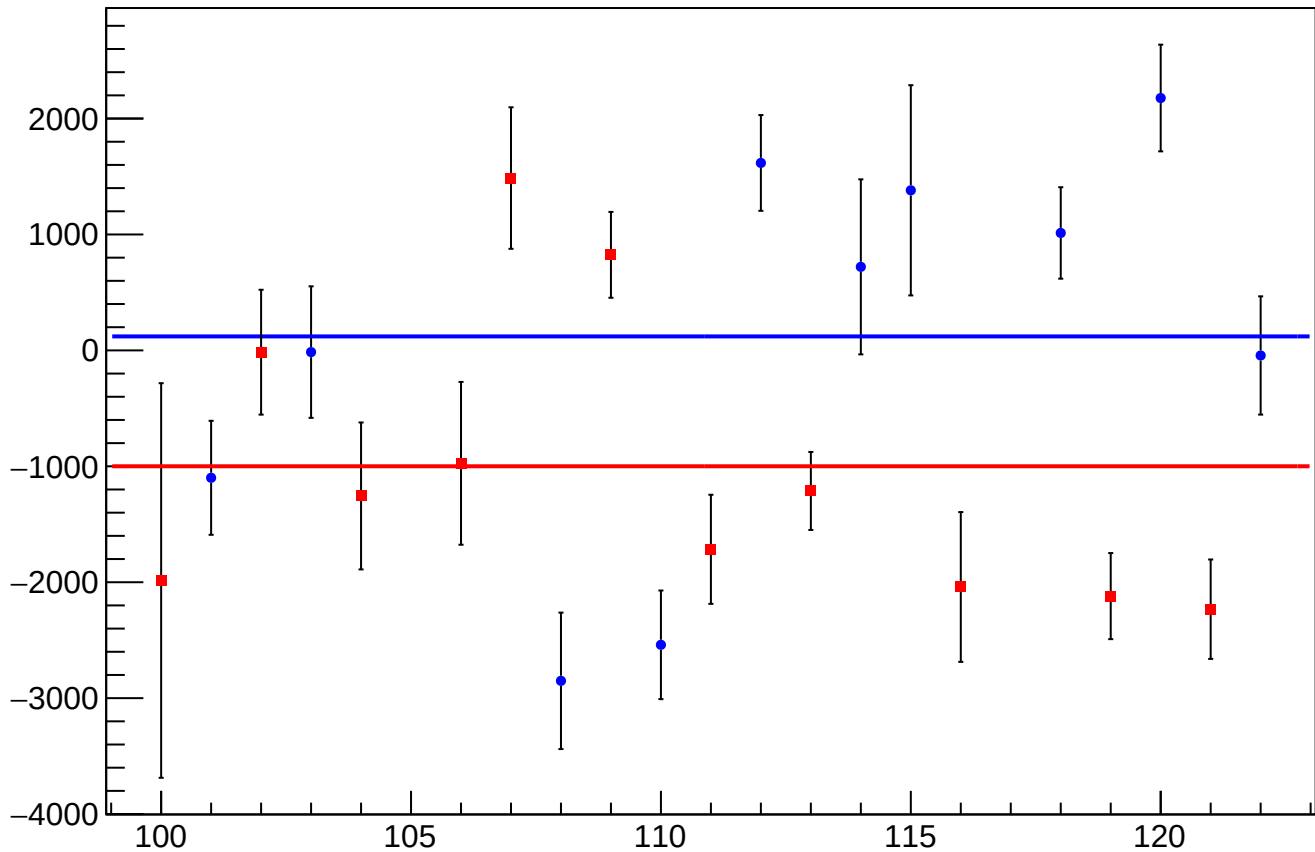
Right: 199.314 ± 0.051 χ^2/NDF : 1383151.4/20

In: 207.357 ± 0.076 χ^2/NDF : 566577.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 199.314 ± 0.051 χ^2/NDF : 1383151.4/20

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 120.667+/-161.147 χ^2/NDF : 104.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -999.653+/-146.308 χ^2/NDF : 67.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

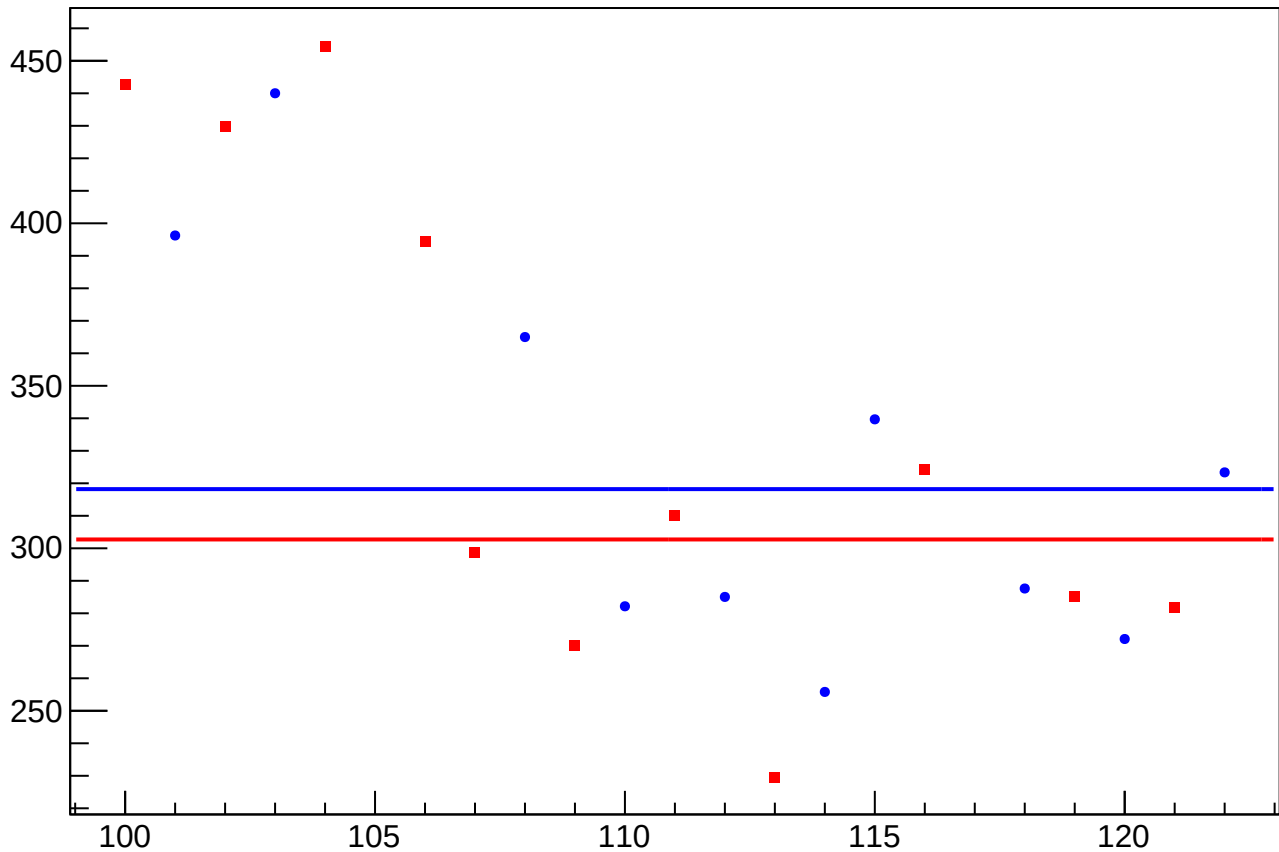
Right: -493.438+/-108.322 χ^2/NDF : 198.7/20

In: 120.667+/-161.147 χ^2/NDF : 104.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -493.438+/-108.322 χ^2/NDF : 198.7/20

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: 302.720+/-0.103 χ^2/NDF : 395579.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

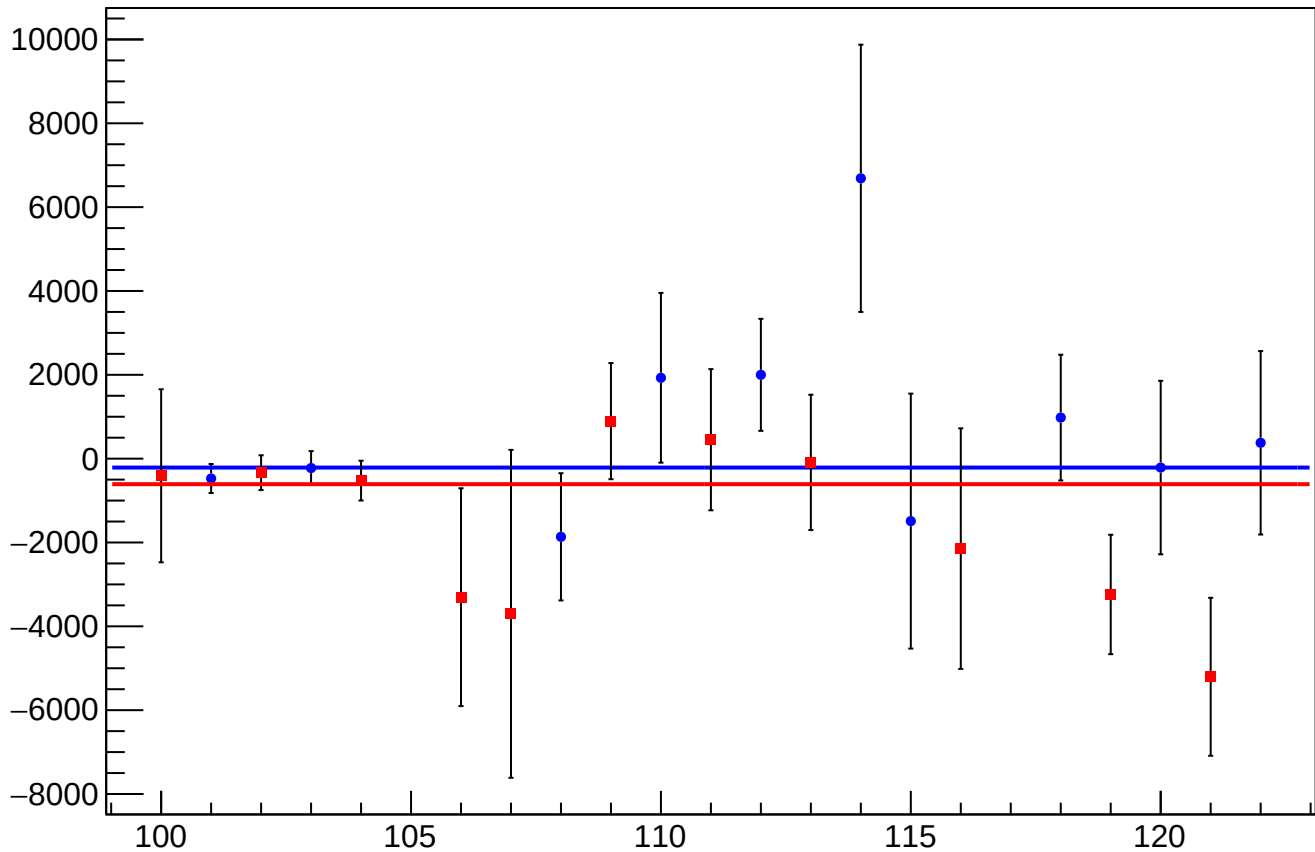
Right: 309.719+/-0.077 χ^2/NDF : 632775.5/20

In: 318.210+/-0.114 χ^2/NDF : 227066.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.719+/-0.077 χ^2/NDF : 632775.5/20

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: -609.224+/-278.937 χ^2/NDF : 13.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

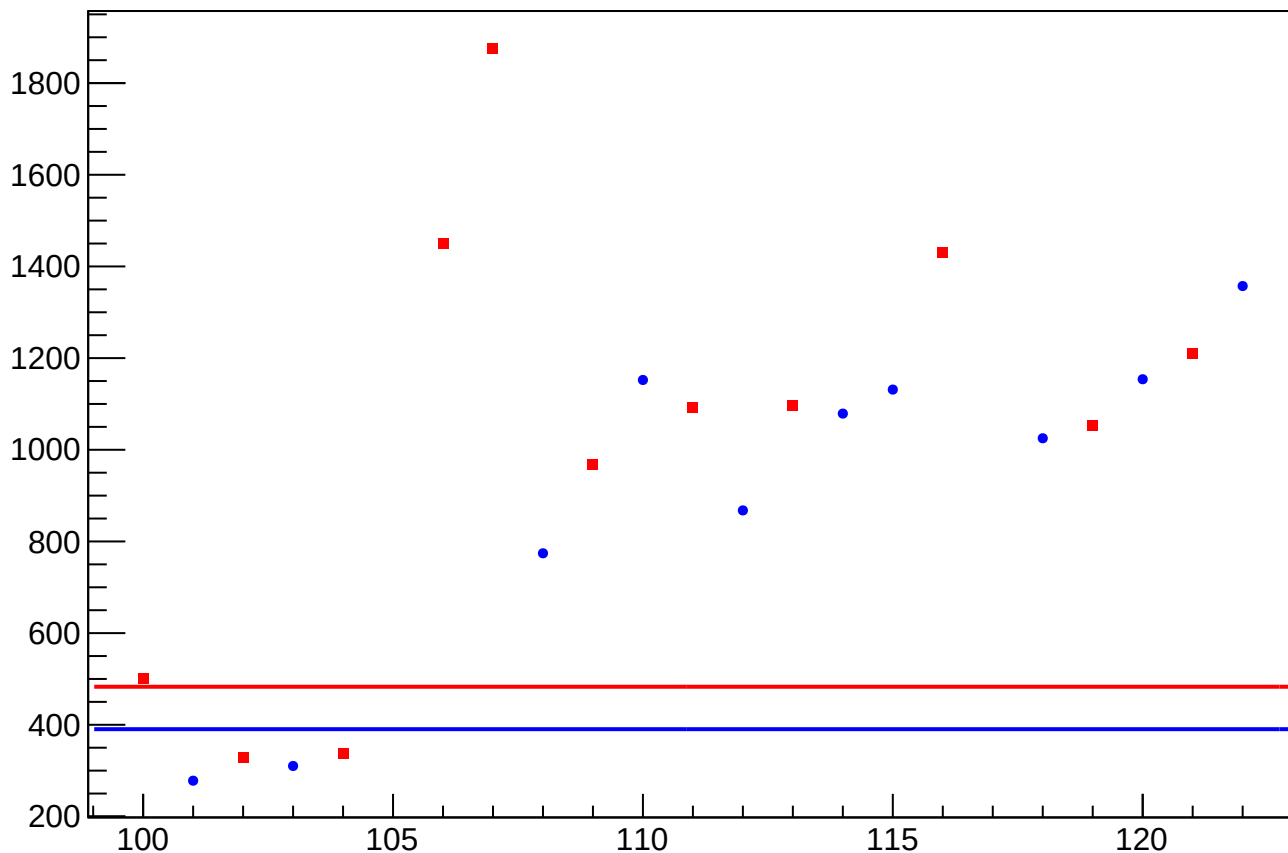
Right: -384.495+/-183.603 χ^2/NDF : 25.8/20

In: -212.698+/-243.885 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.495+/-183.603 χ^2/NDF : 25.8/20

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: 483.025+/-0.197 χ^2/NDF : 2622545.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

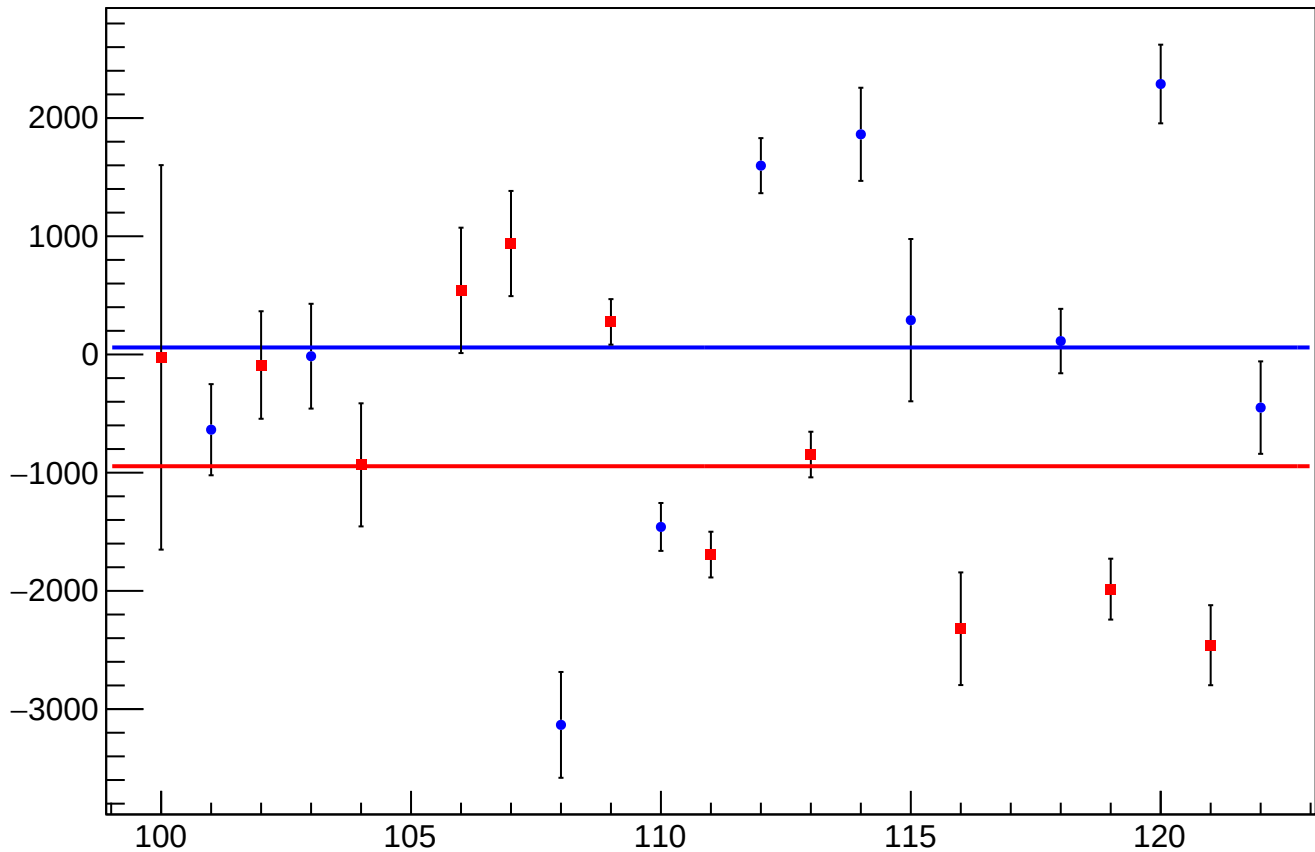
Right: 430.544+/-0.130 χ^2/NDF : 4936343.4/20

In: 390.424+/-0.172 χ^2/NDF :2188878.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 430.544+/-0.130 χ^2/NDF : 4936343.4/20

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: -945.433+/-89.000 χ^2/NDF : 129.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

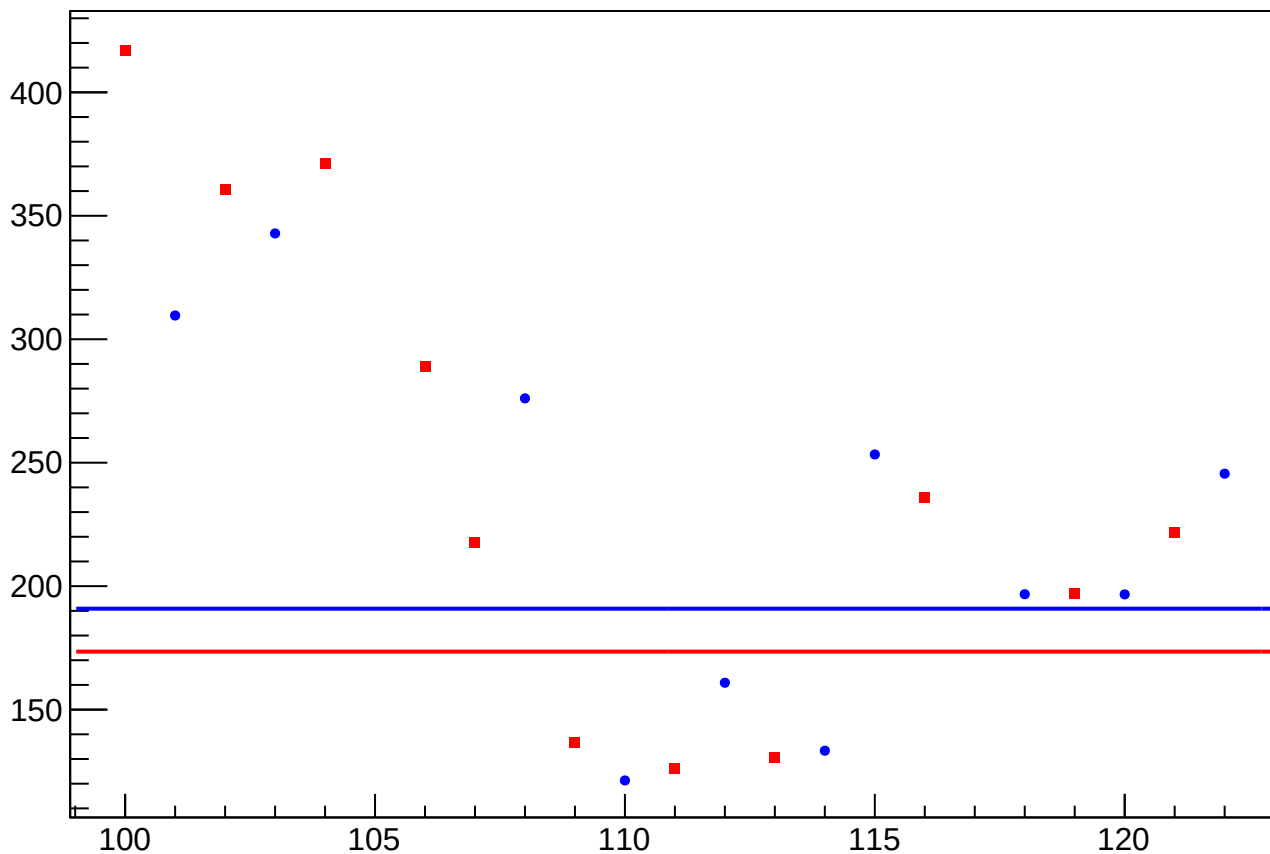
Right: -508.348+/-66.899 χ^2/NDF : 406.7/20

In: 59.374+/-101.432 χ^2/NDF : 221.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -508.348+/-66.899 χ^2/NDF : 406.7/20

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: 173.492+/-0.063 χ^2/NDF : 1170700.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

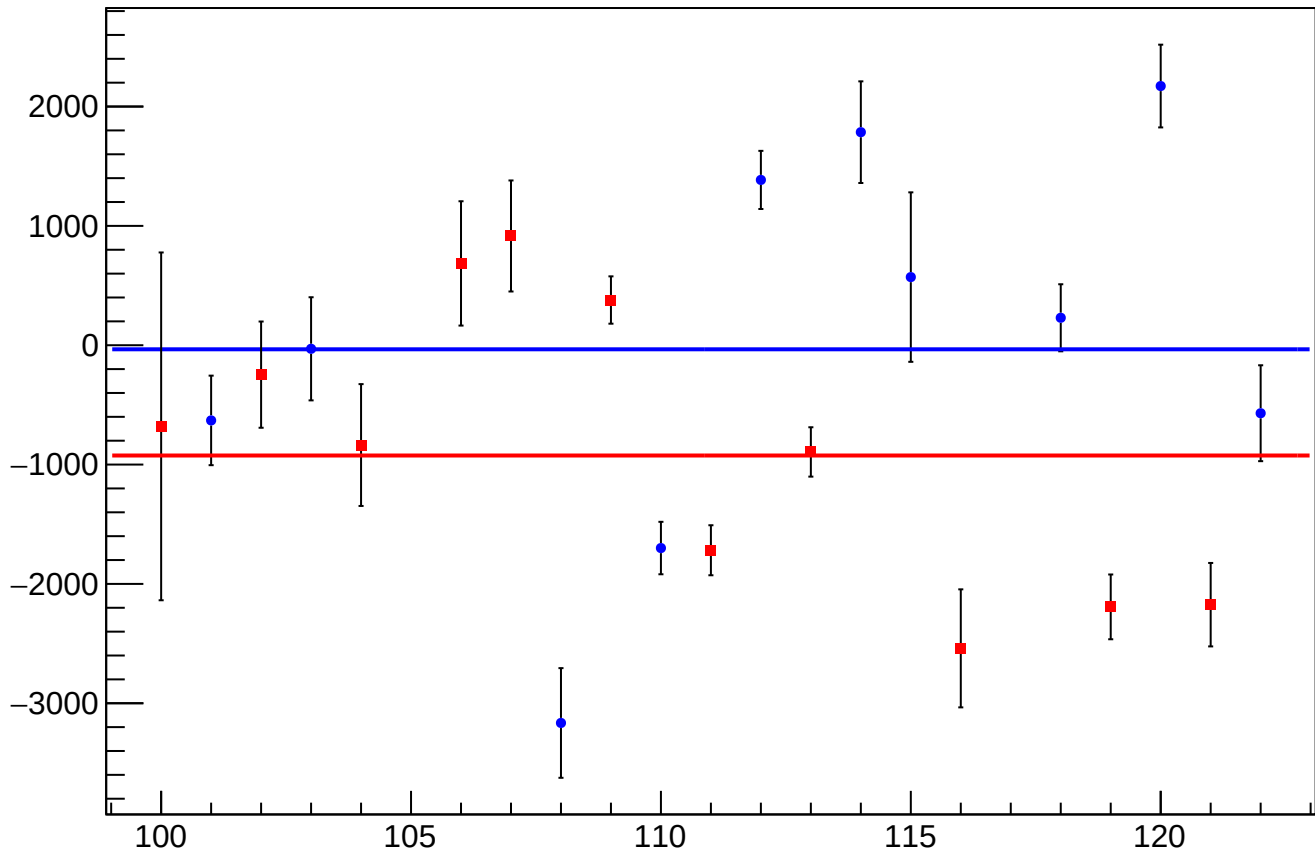
Right: 181.055+/-0.047 χ^2/NDF : 2069789.3/20

In: 190.879+/-0.072 χ^2/NDF : 865887.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.055+/-0.047 χ^2/NDF : 2069789.3/20

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: -924.046+/-93.218 χ^2/NDF : 130.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

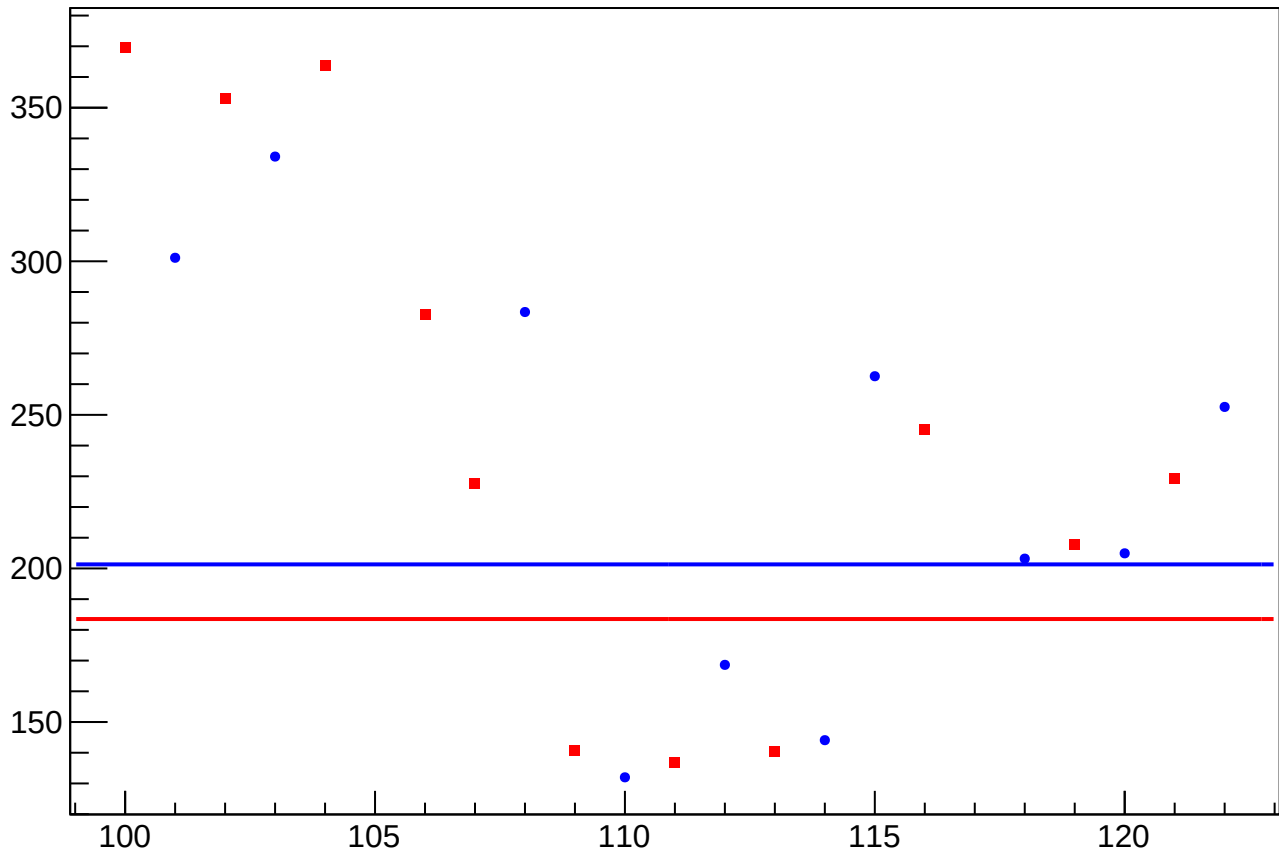
Right: -534.867+/-69.925 χ^2/NDF : 372.7/20

In: -34.123+/-105.738 χ^2/NDF :202.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -534.867+/-69.925 χ^2/NDF : 372.7/20

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: 183.529+/-0.066 χ^2/NDF : 1022294.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

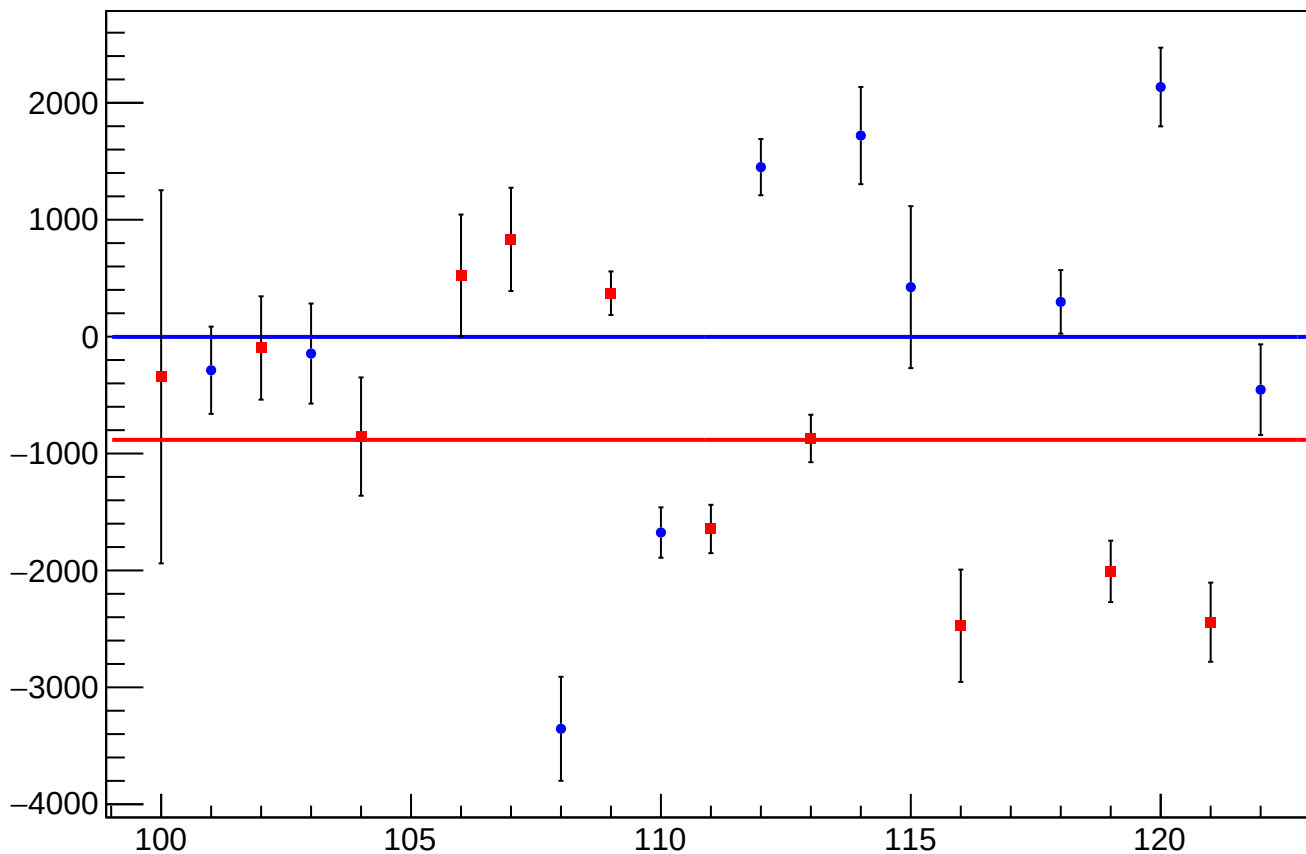
Right: 191.309+/-0.049 χ^2/NDF : 1767570.8/20

In: 201.319+/-0.075 χ^2/NDF : 713420.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.309+/-0.049 χ^2/NDF : 1767570.8/20

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -2.291 ± 103.468 χ^2/NDF : 214.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -882.865 ± 90.443 χ^2/NDF : 135.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

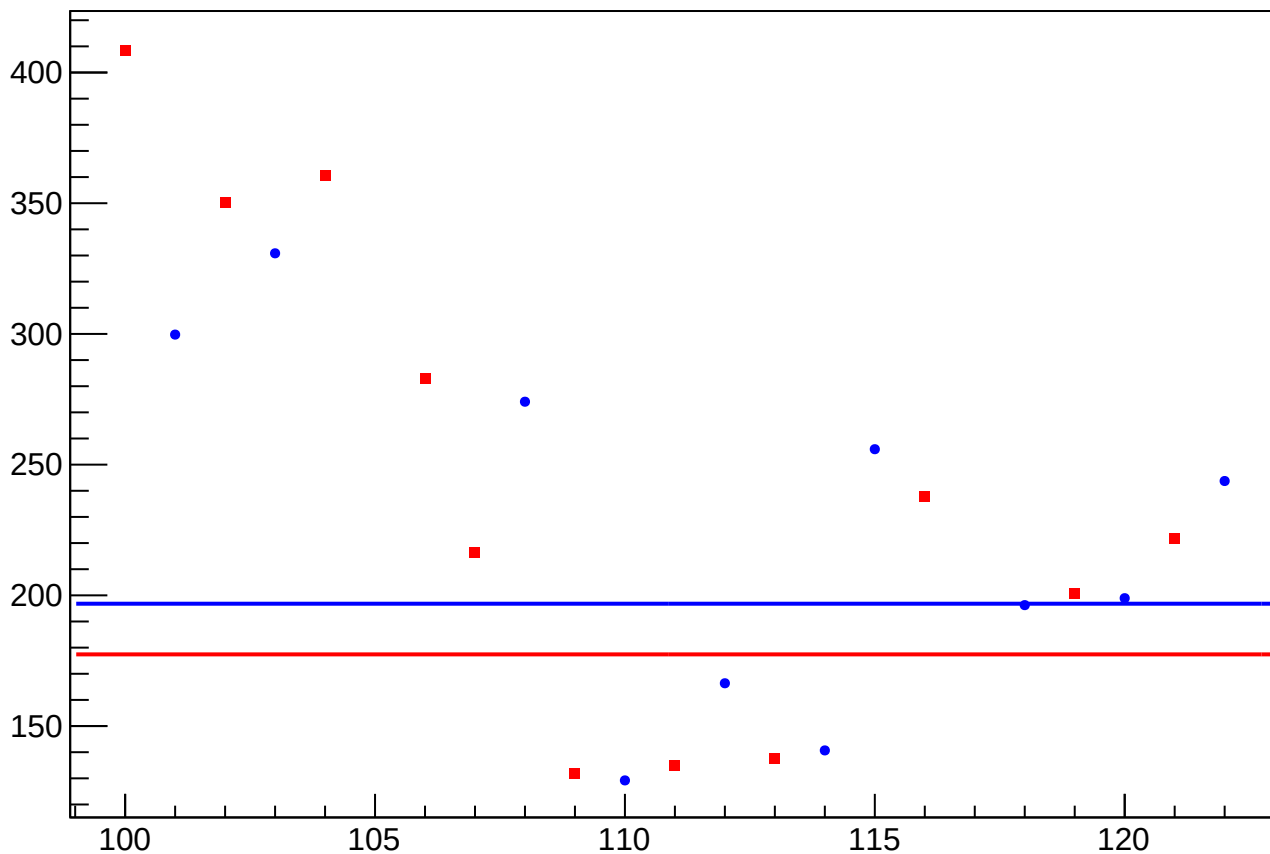
Right: -501.465 ± 68.095 χ^2/NDF : 390.9/20

In: -2.291 ± 103.468 χ^2/NDF : 214.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -501.465 ± 68.095 χ^2/NDF : 390.9/20

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: 177.420+/-0.064 χ^2/NDF : 1070039.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

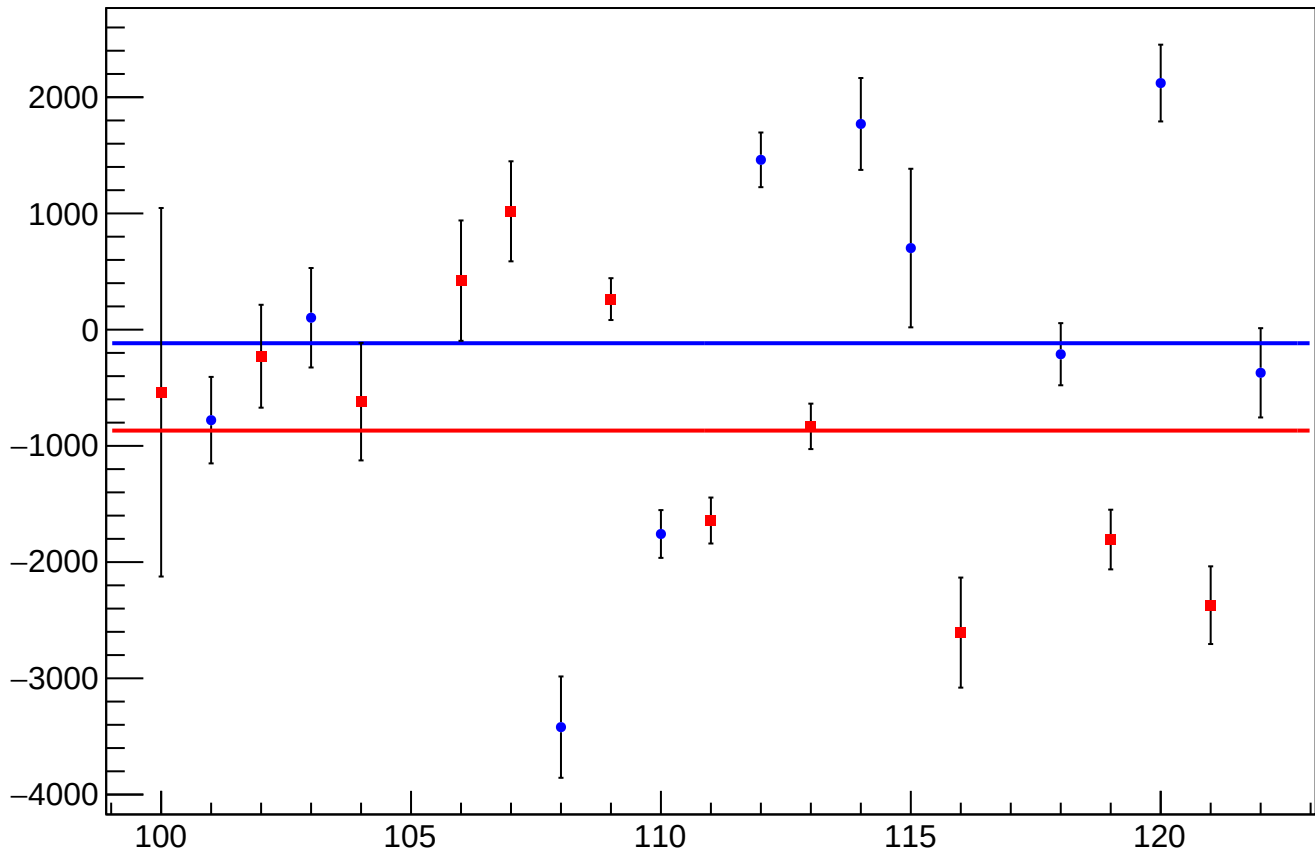
Right: 185.814+/-0.048 χ^2/NDF : 1827970.7/20

In: 196.801+/-0.073 χ^2/NDF : 718149.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.814+/-0.048 χ^2/NDF : 1827970.7/20

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: -868.359±87.803 χ^2/NDF : 129.6/10

Left In: 0.000±0.000 χ^2/NDF : 0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

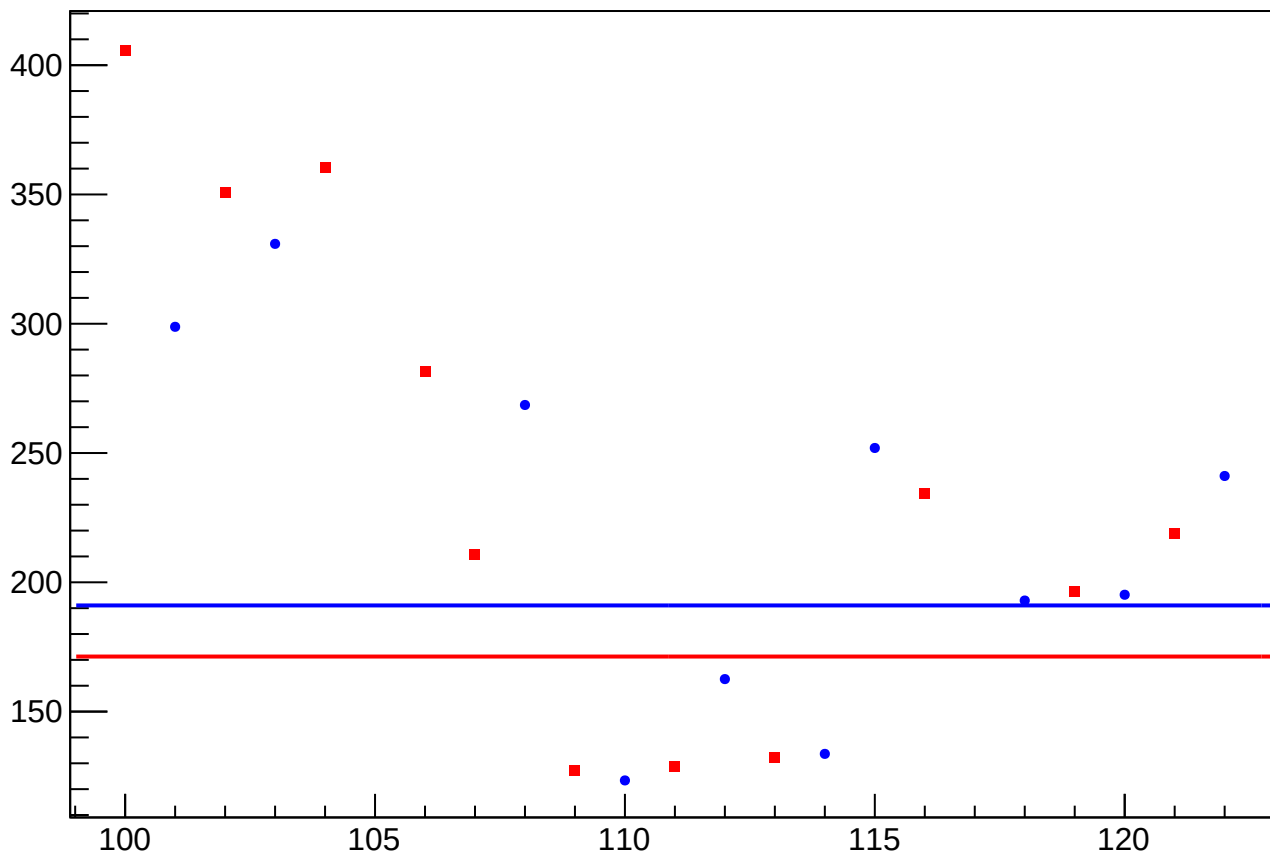
Right: -544.542±66.243 χ^2/NDF : 401.5/20

In: -116.697±100.926 χ^2/NDF : 240.3/9

Out: 0.000±0.000 χ^2/NDF : 0.0/0

All: -544.542±66.243 χ^2/NDF : 401.5/20

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: 171.289+/-0.062 χ^2/NDF : 1146869.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

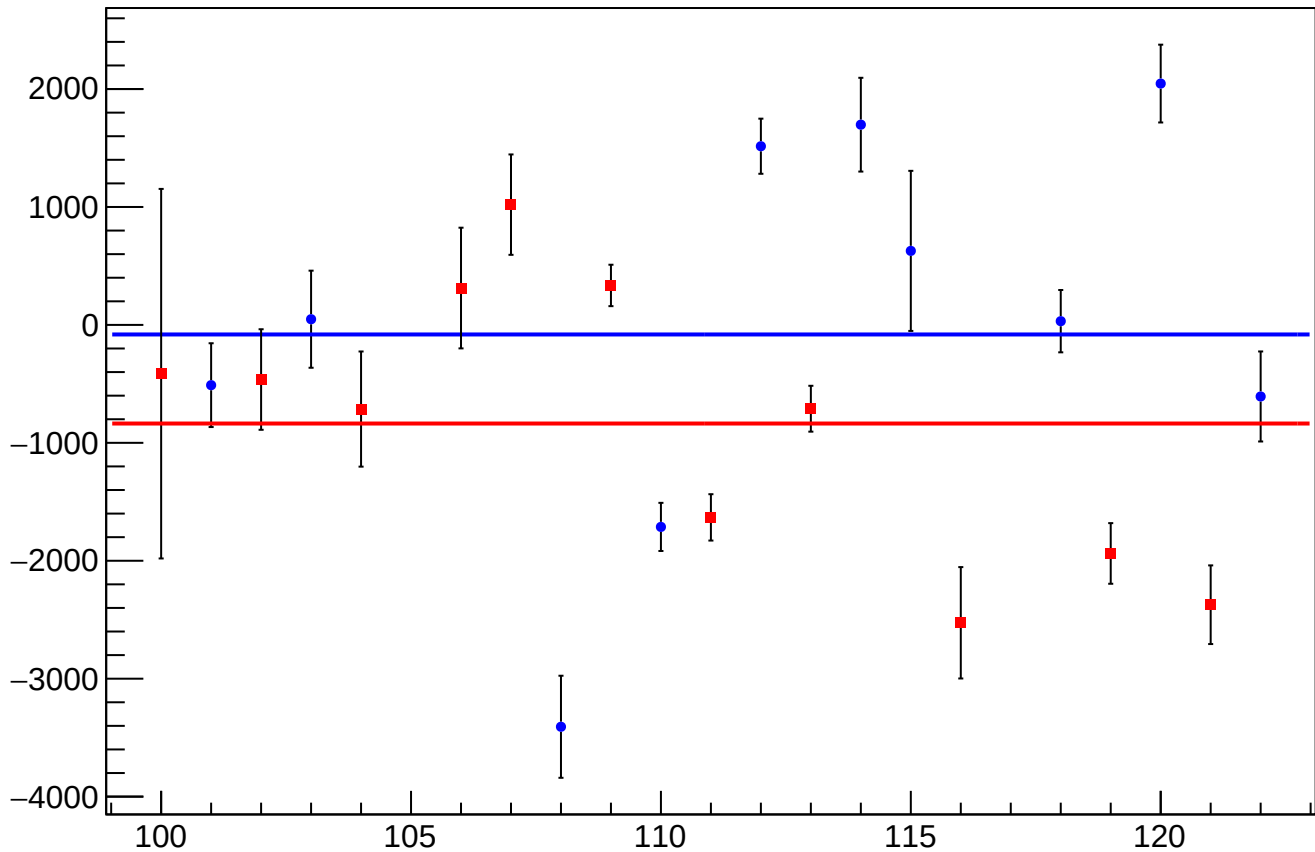
Right: 179.804+/-0.047 χ^2/NDF : 1973714.6/20

In: 191.053+/-0.071 χ^2/NDF : 783189.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.804+/-0.047 χ^2/NDF : 1973714.6/20

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: -836.257+/-86.774 χ^2/NDF : 138.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

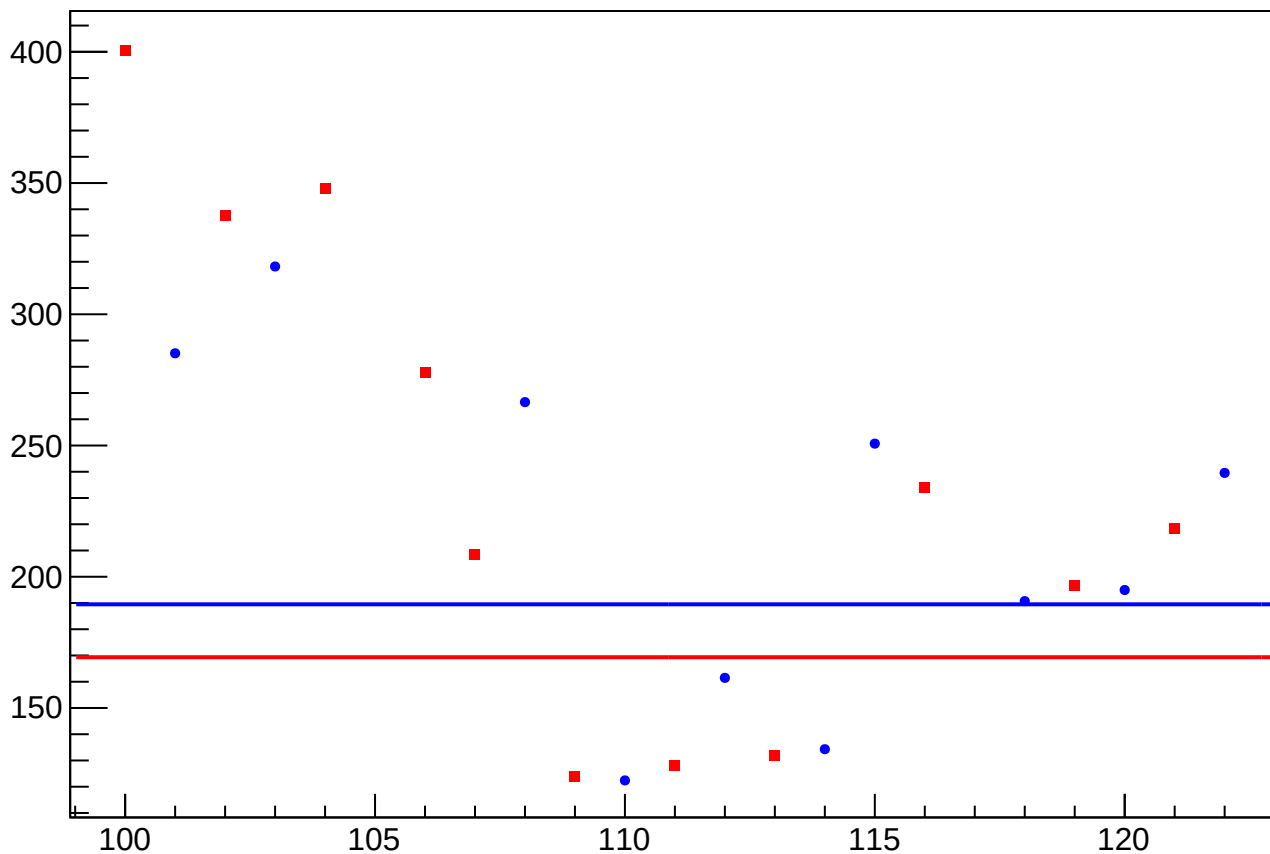
Right: -511.227+/-65.491 χ^2/NDF : 407.2/20

In: -81.046+/-99.828 χ^2/NDF :236.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -511.227+/-65.491 χ^2/NDF : 407.2/20

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: 169.343+/-0.061 χ^2/NDF : 1130193.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

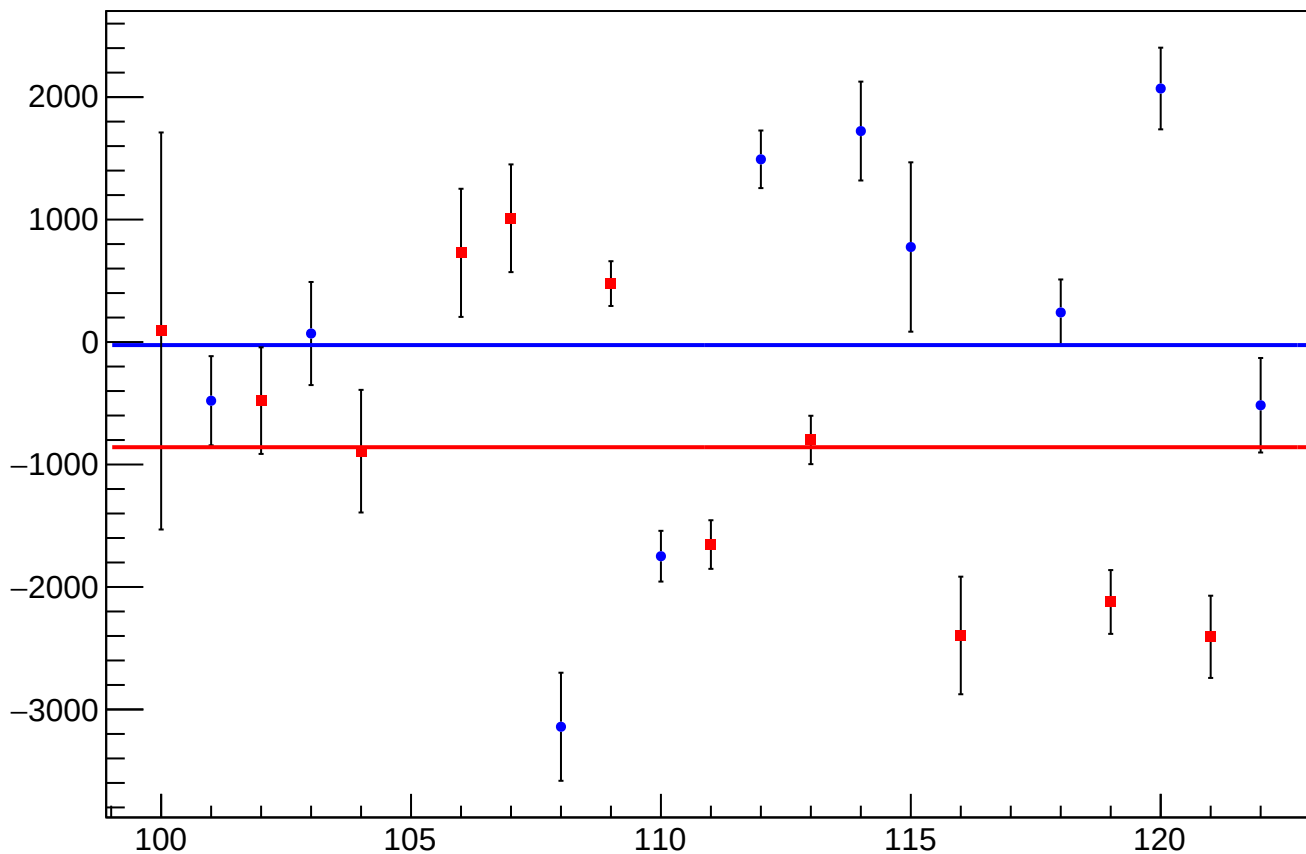
Right: 178.017+/-0.046 χ^2/NDF : 1915128.6/20

In: 189.496+/-0.071 χ^2/NDF : 738508.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.017+/-0.046 χ^2/NDF : 1915128.6/20

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: -858.614 ± 88.609 $\chi^2/\text{NDF}: 153.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

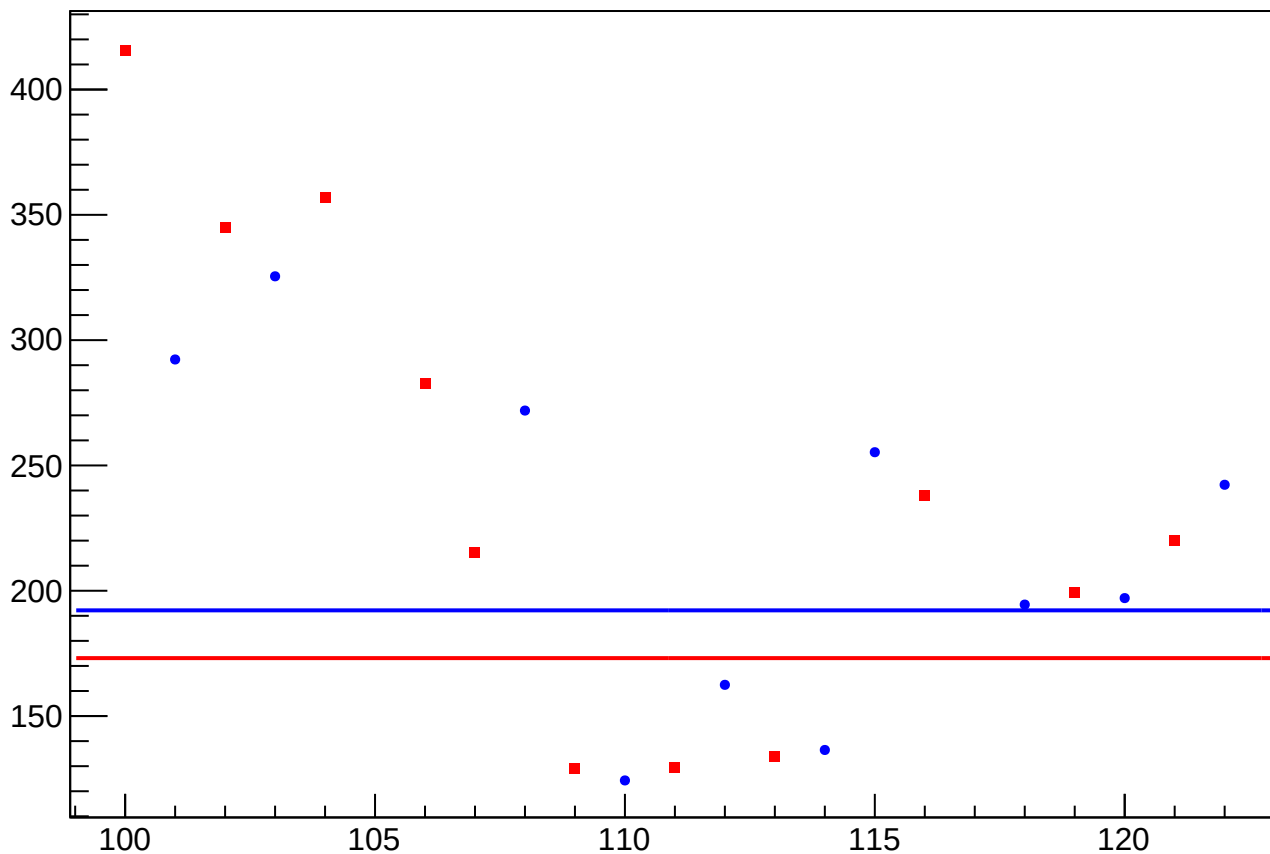
Right: -497.208 ± 66.696 $\chi^2/\text{NDF}: 415.9/20$

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: -497.208 ± 66.696 $\chi^2/\text{NDF}: 415.9/20$

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: 173.119+/-0.063 χ^2/NDF : 1118036.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

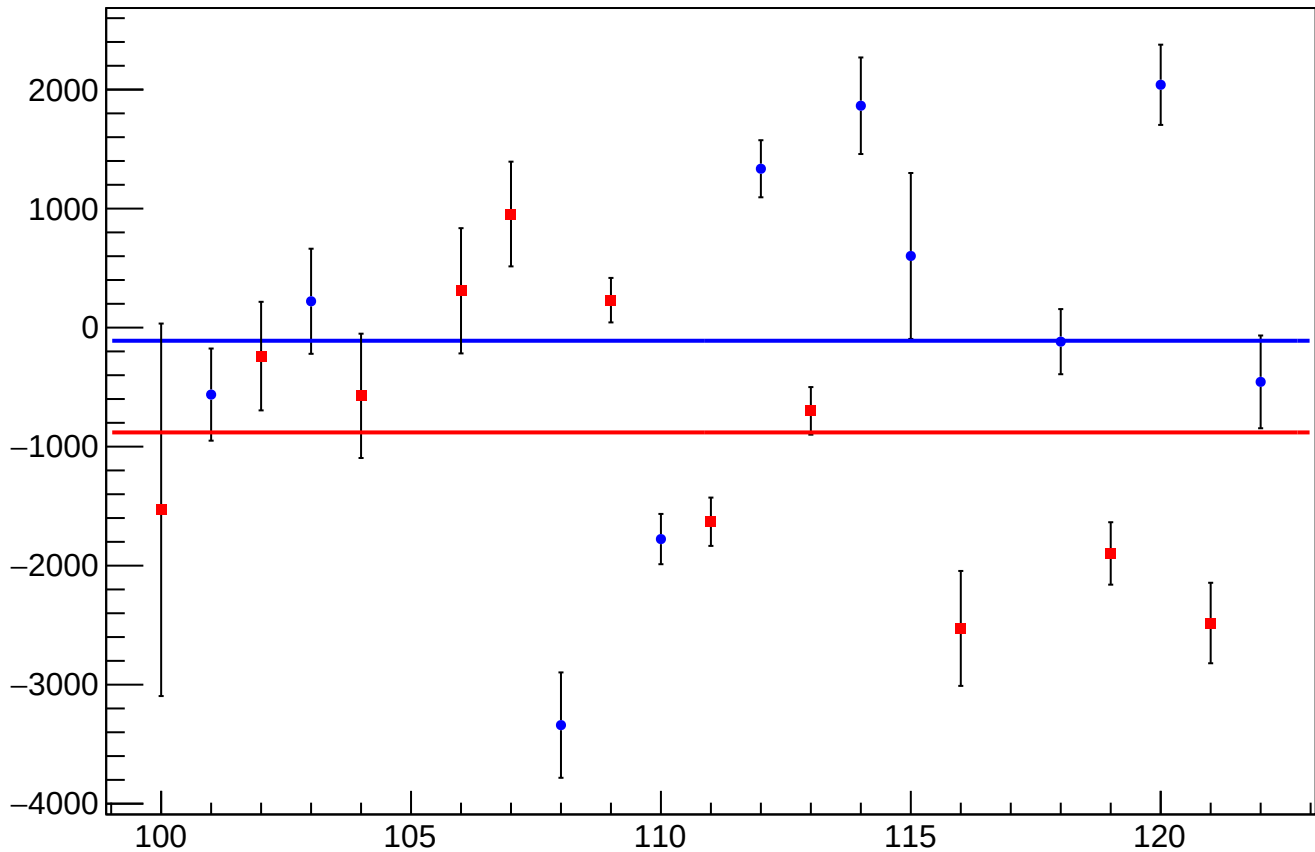
Right: 181.380+/-0.047 χ^2/NDF : 1910833.2/20

In: 192.179+/-0.072 χ^2/NDF : 752688.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.380+/-0.047 χ^2/NDF : 1910833.2/20

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: -880.652+/-90.108 χ^2/NDF : 123.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

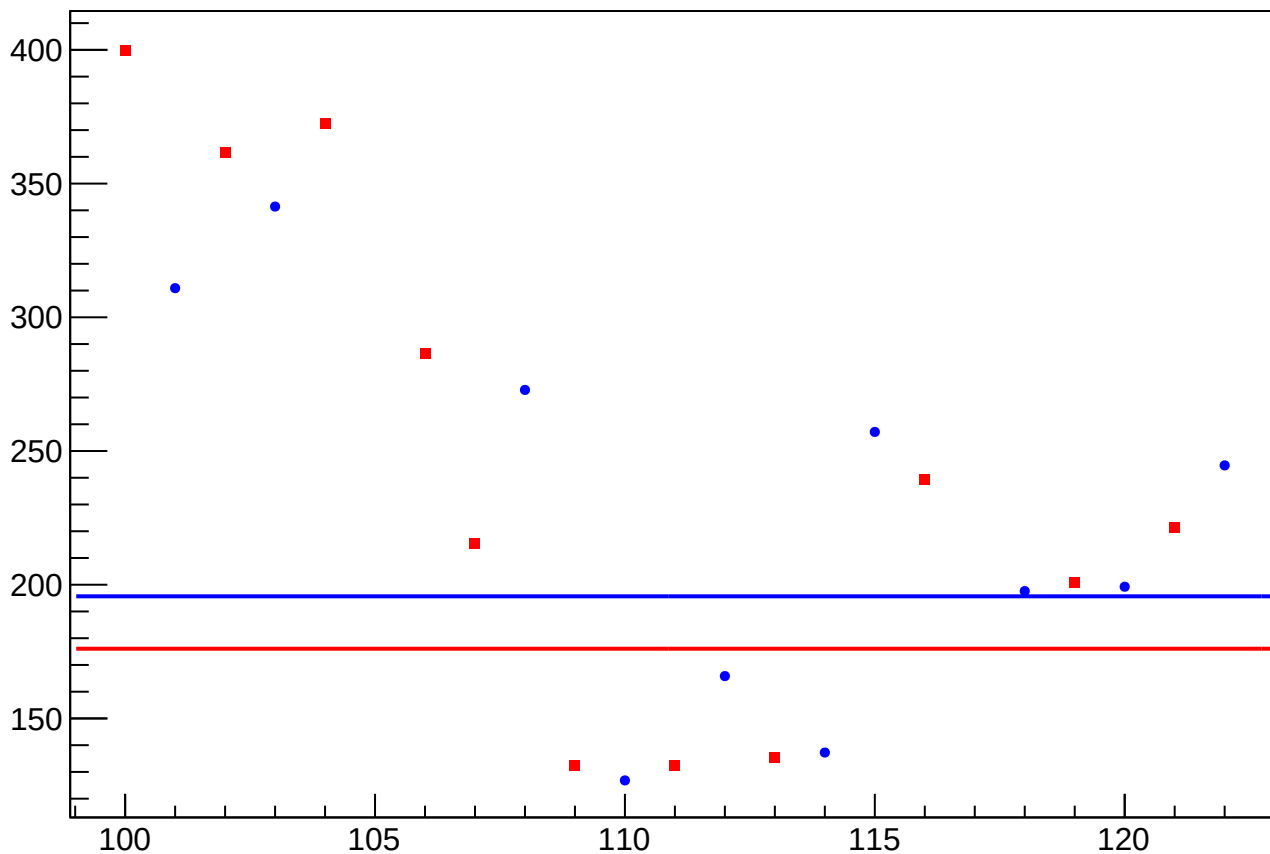
Right: -548.101+/-67.924 χ^2/NDF : 375.4/20

In: -110.451+/-103.371 χ^2/NDF : 219.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -548.101+/-67.924 χ^2/NDF : 375.4/20

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: 176.072+/-0.064 χ^2/NDF : 1131807.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

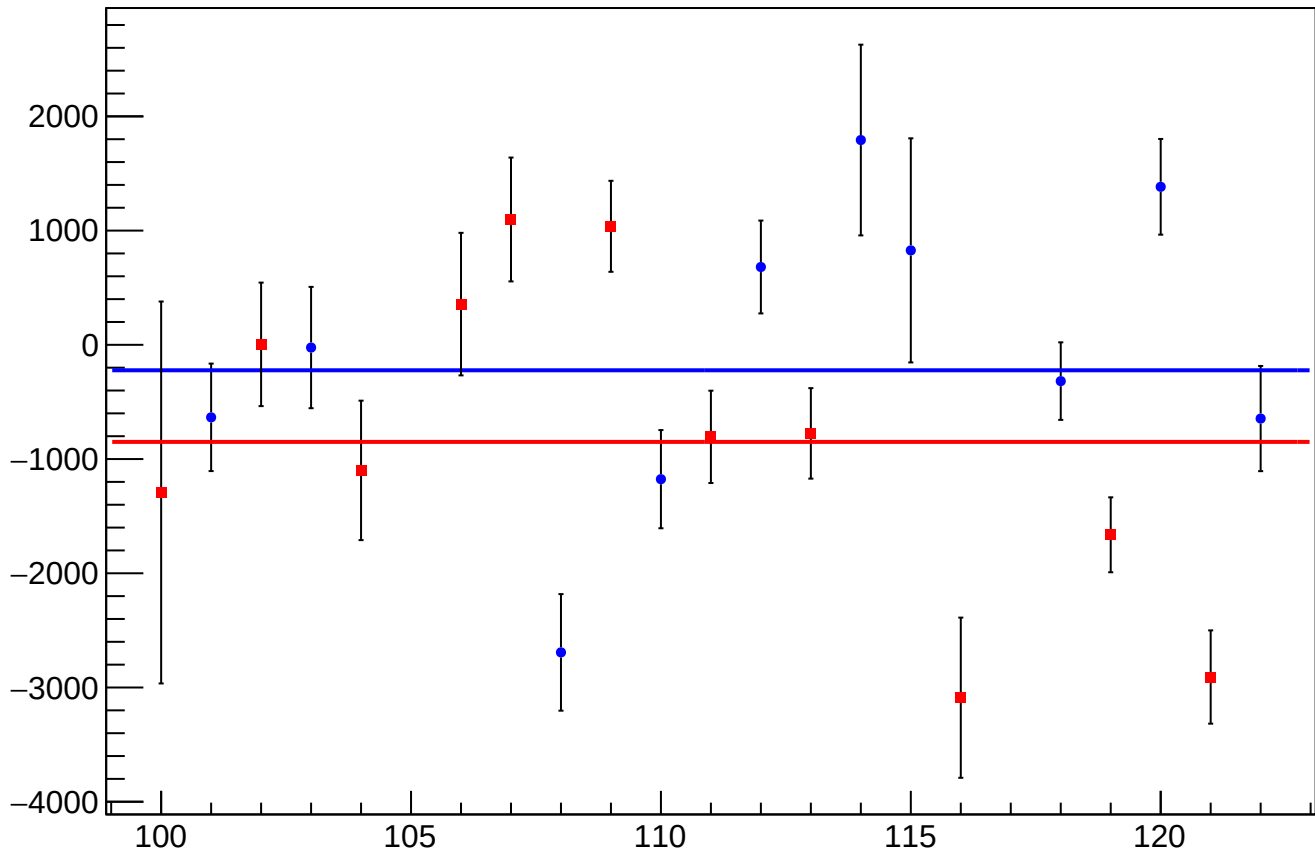
Right: 184.533+/-0.048 χ^2/NDF : 1960826.9/20

In: 195.668+/-0.073 χ^2/NDF : 788179.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.533+/-0.048 χ^2/NDF : 1960826.9/20

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: -849.836+/-143.503 χ^2/NDF : 83.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

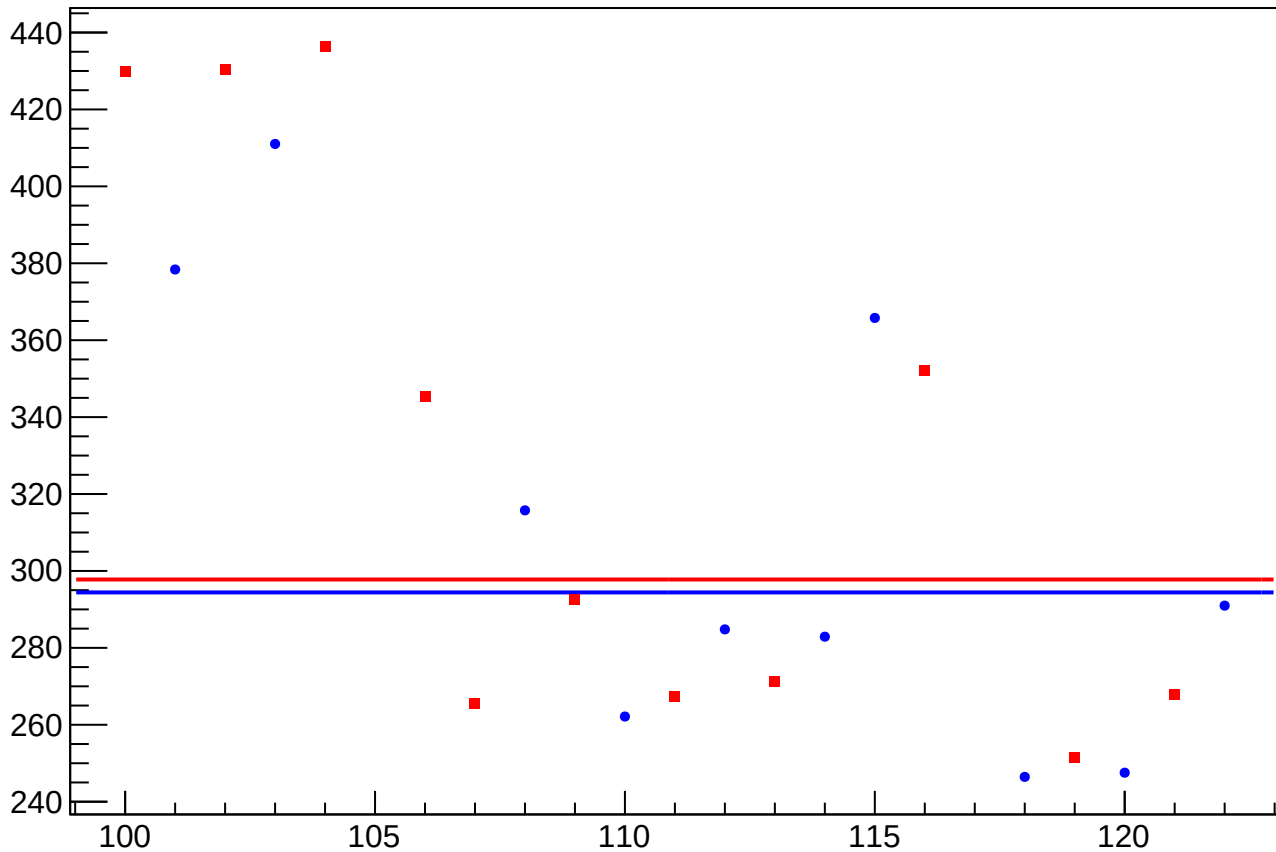
Right: -548.512+/-103.418 χ^2/NDF : 149.6/20

In: -222.905+/-149.173 χ^2/NDF : 56.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -548.512+/-103.418 χ^2/NDF : 149.6/20

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 294.417+/-0.105 χ^2/NDF : 252085.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 297.771+/-0.101 χ^2/NDF : 337969.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

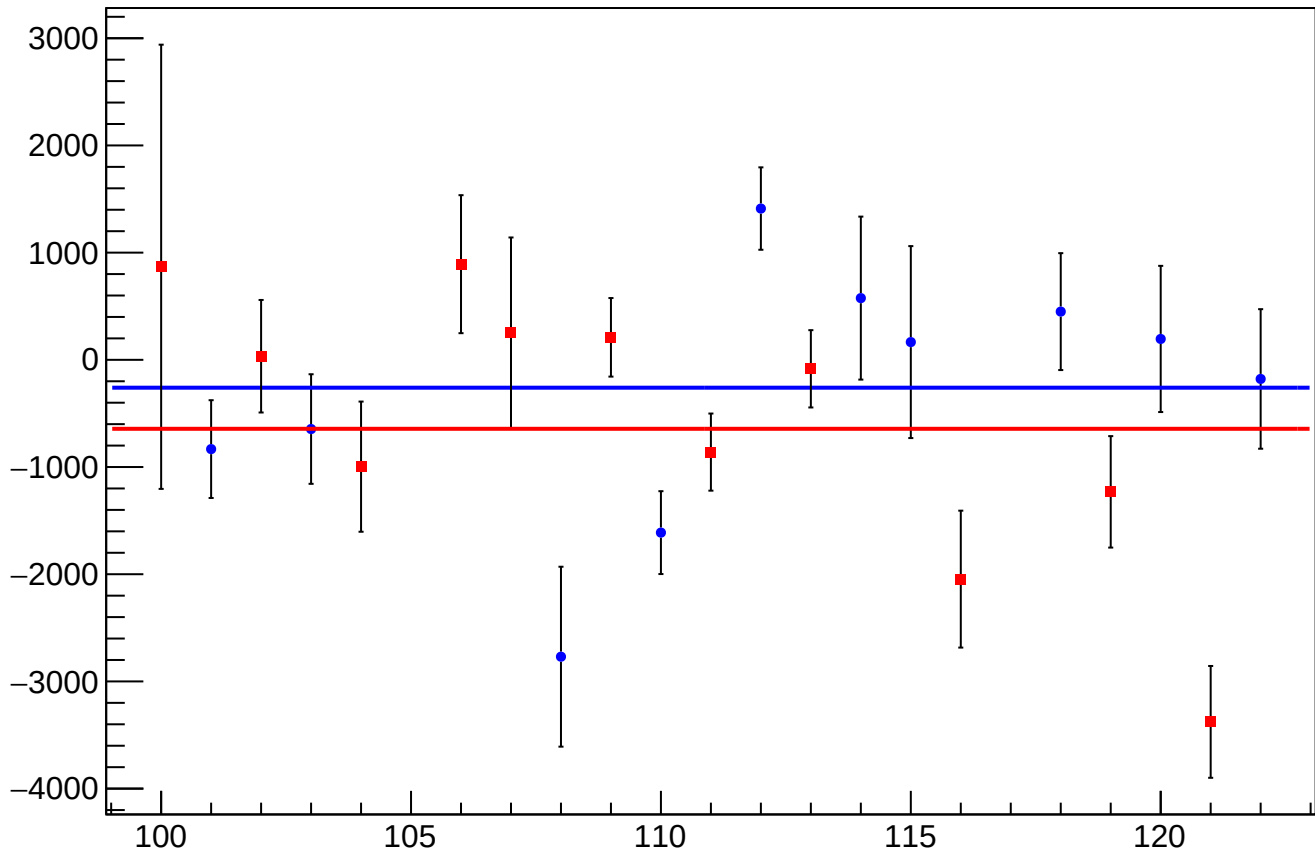
Right: 296.159+/-0.073 χ^2/NDF : 590579.8/20

In: 294.417+/-0.105 χ^2/NDF : 252085.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.159+/-0.073 χ^2/NDF : 590579.8/20

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -259.914+/-170.576 χ^2/NDF : 45.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -643.423+/-152.596 χ^2/NDF : 51.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

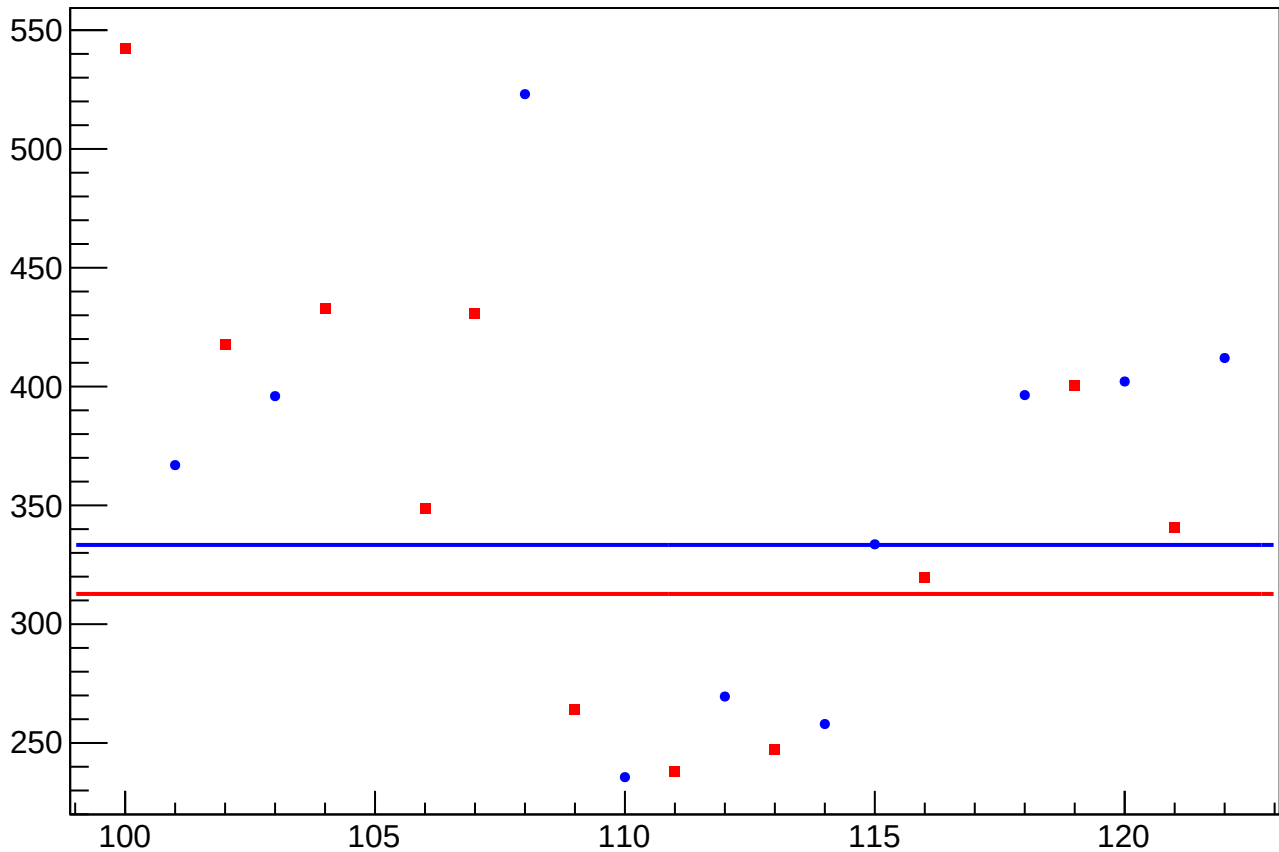
Right: -472.939+/-113.729 χ^2/NDF : 99.6/20

In: -259.914+/-170.576 χ^2/NDF : 45.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.939+/-113.729 χ^2/NDF : 99.6/20

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 333.352 ± 0.121 $\chi^2/\text{NDF}: 422020.3/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 312.724 ± 0.108 $\chi^2/\text{NDF}: 474776.1/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

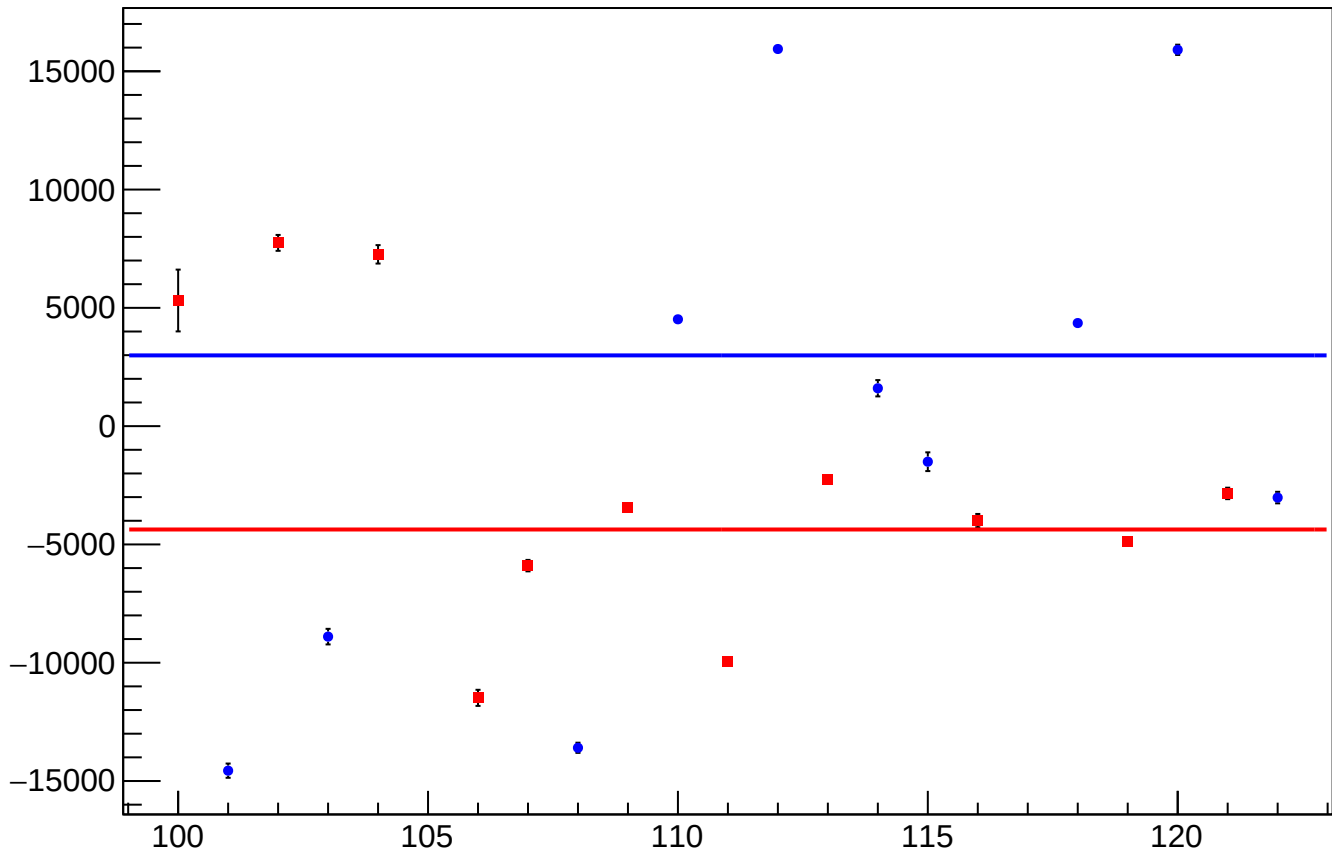
Right: 321.893 ± 0.080 $\chi^2/\text{NDF}: 913043.1/20$

In: 333.352 ± 0.121 $\chi^2/\text{NDF}: 422020.3/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 321.893 ± 0.080 $\chi^2/\text{NDF}: 913043.1/20$

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: -4368.612+/-67.115 χ^2/NDF : 4263.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

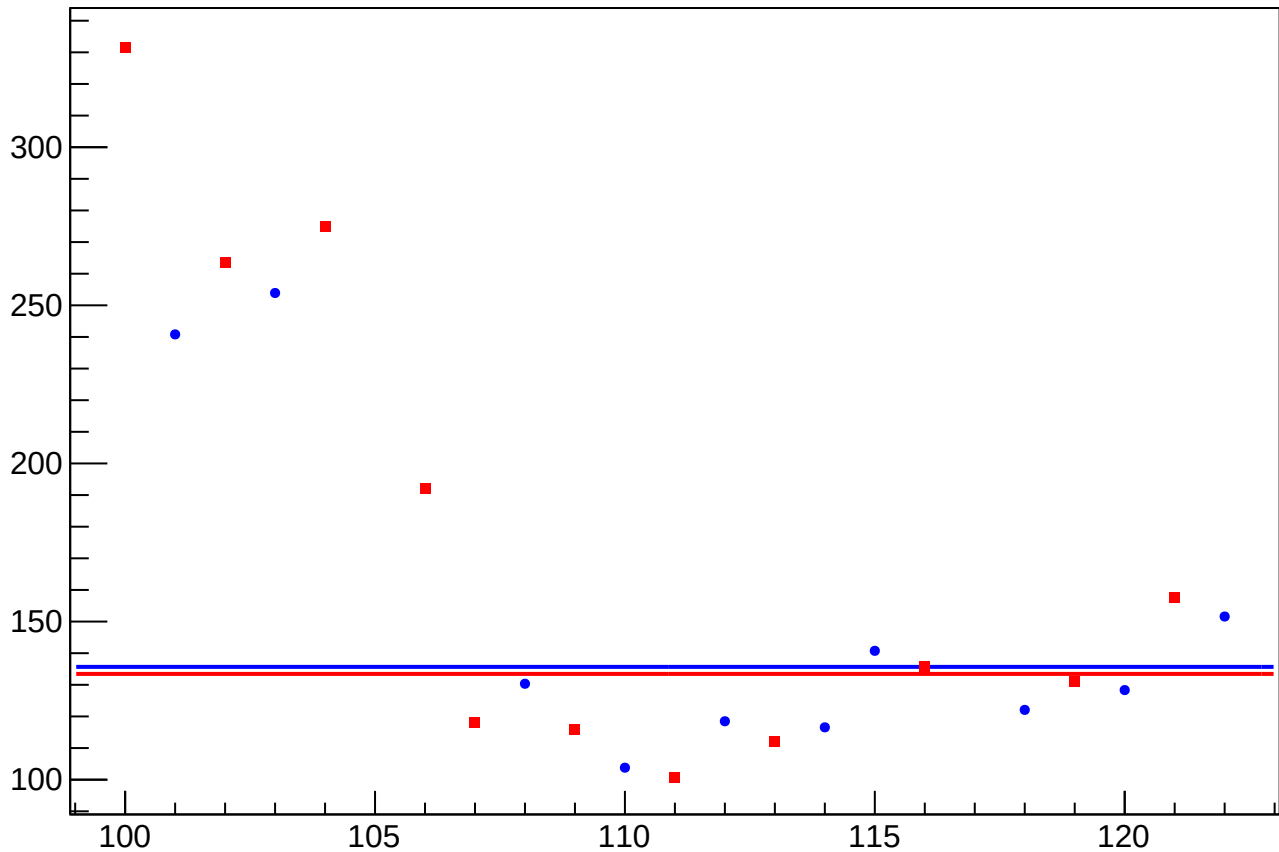
Right: -910.825+/-48.866 χ^2/NDF : 30566.6/20

In: 2990.389+/-71.288 χ^2/NDF : 20654.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -910.825+/-48.866 χ^2/NDF : 30566.6/20

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.672 $\pm$ 0.050 χ^2 /NDF: 620356.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 133.447 $\pm$ 0.047 χ^2 /NDF: 842664.2/10

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

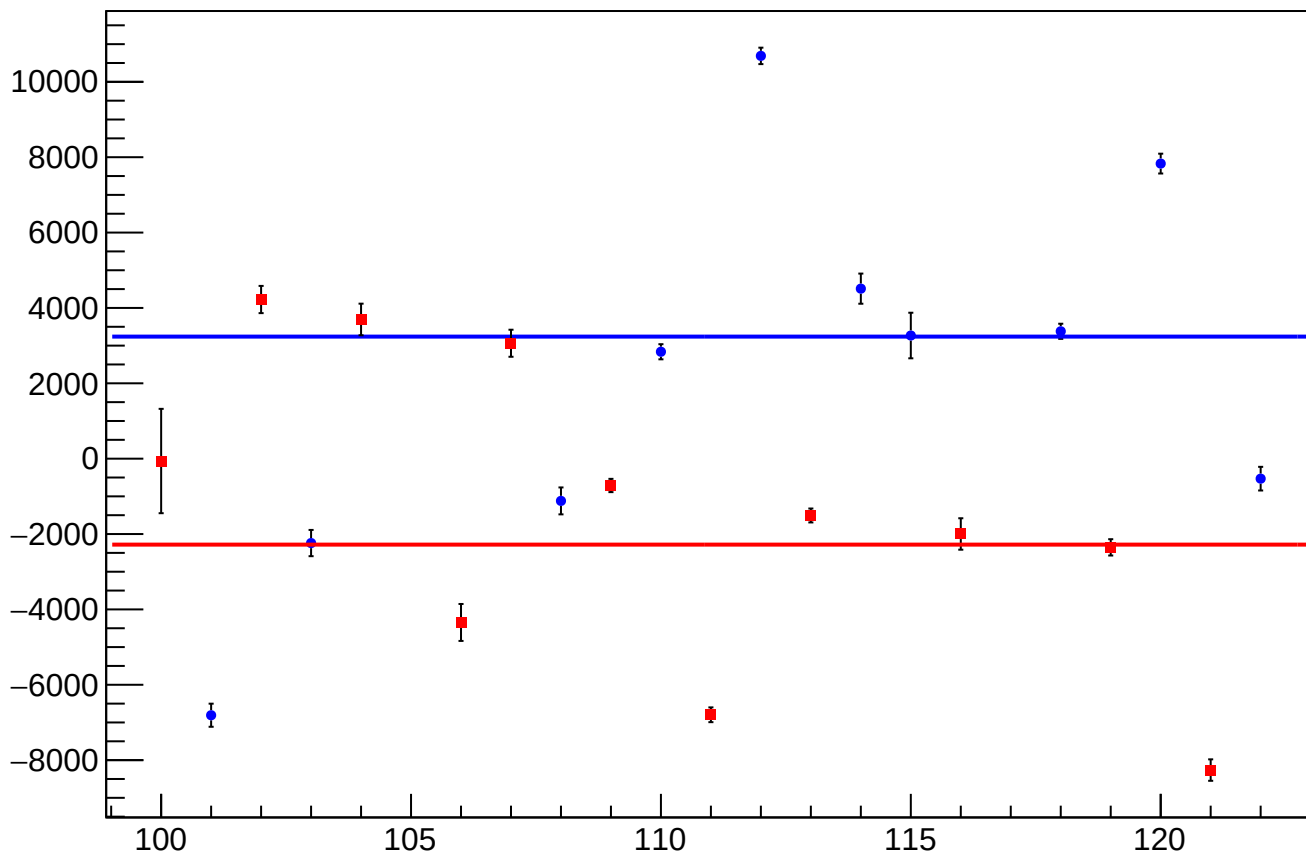
Right: 134.493 $\pm$ 0.035 χ^2 /NDF: 1464053.5/20

In: 135.672 $\pm$ 0.050 χ^2 /NDF:620356.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.493 $\pm$ 0.035 χ^2 /NDF: 1464053.5/20

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: -2280.732+/-80.882 χ^2/NDF : 1839.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

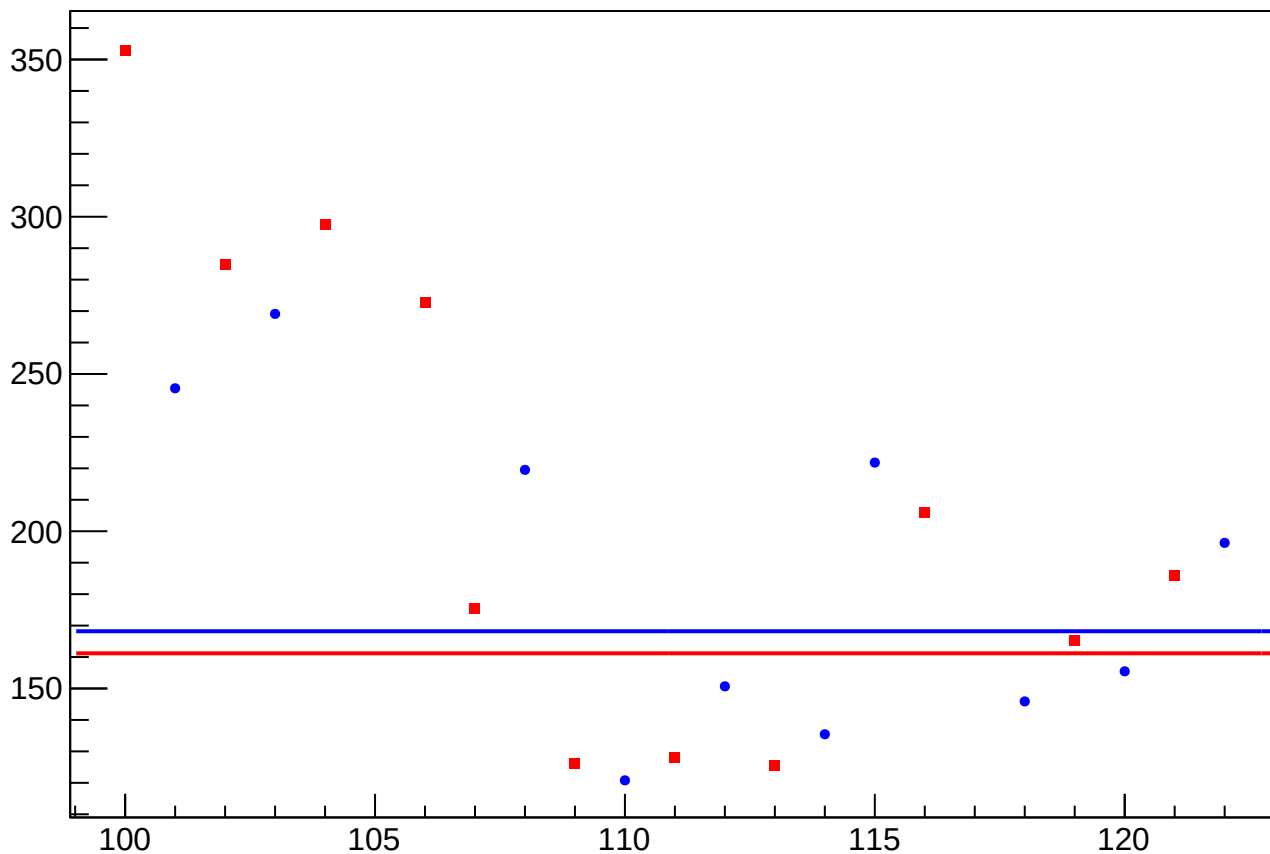
Right: 266.775+/-59.354 χ^2/NDF : 7089.9/20

In: 3239.415+/-87.371 χ^2/NDF :3101.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 266.775+/-59.354 χ^2/NDF : 7089.9/20

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 168.202+/-0.062 χ^2/NDF : 535265.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.187+/-0.057 χ^2/NDF : 842351.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

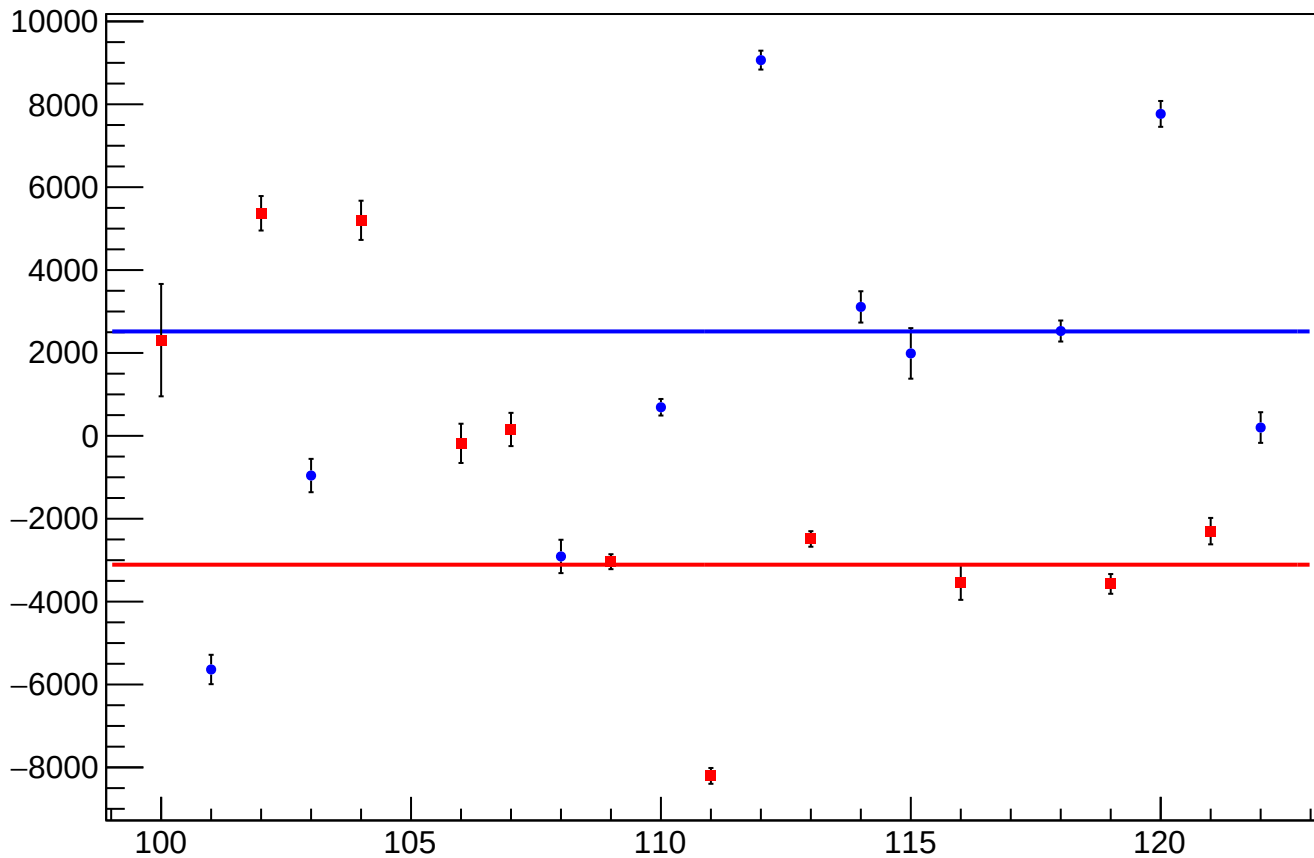
Right: 164.424+/-0.042 χ^2/NDF : 1384561.4/20

In: 168.202+/-0.062 χ^2/NDF : 535265.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.424+/-0.042 χ^2/NDF : 1384561.4/20

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: -3109.111+/-84.216 χ^2/NDF : 1579.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

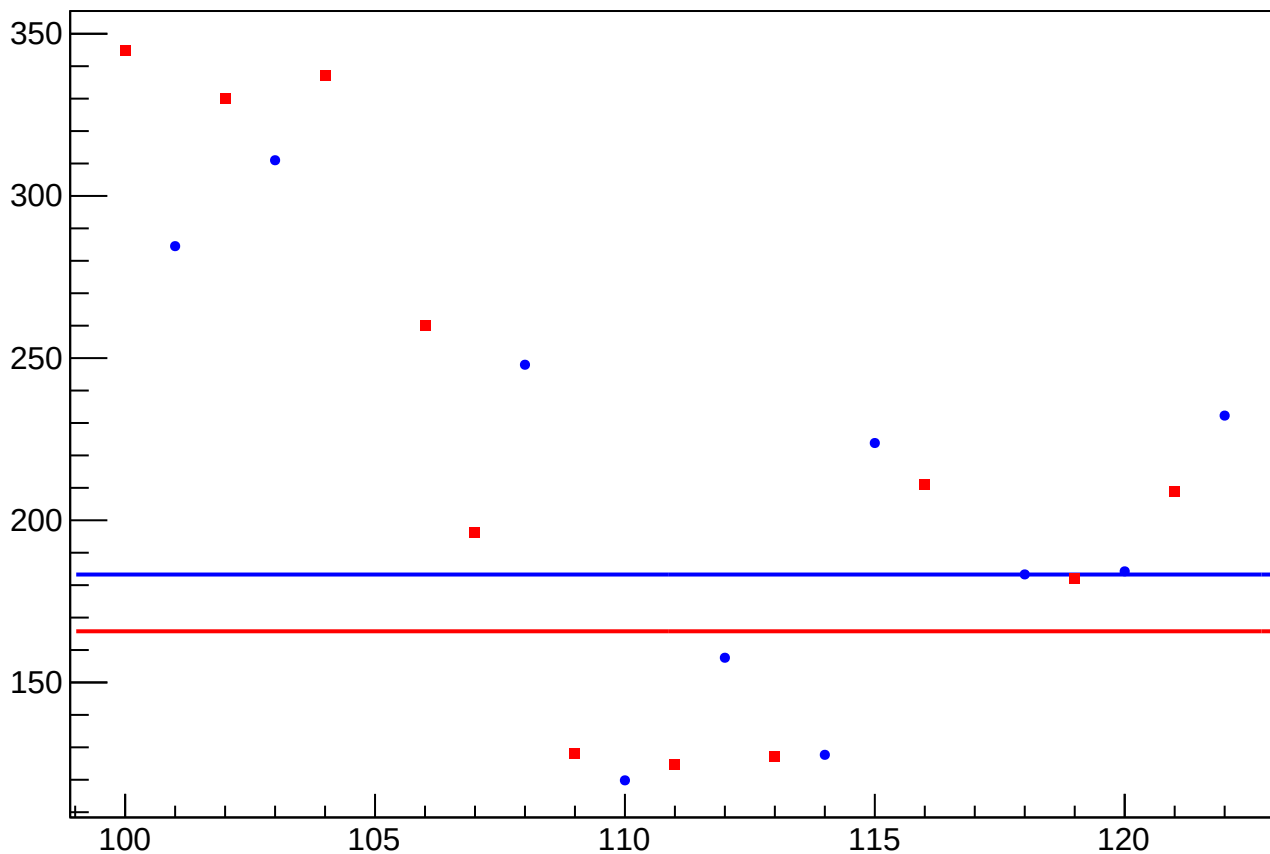
Right: -674.560+/-63.440 χ^2/NDF : 5532.6/20

In: 2519.373+/-96.460 χ^2/NDF : 2021.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.560+/-63.440 χ^2/NDF : 5532.6/20

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: 165.777+/-0.060 χ^2/NDF : 1033231.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

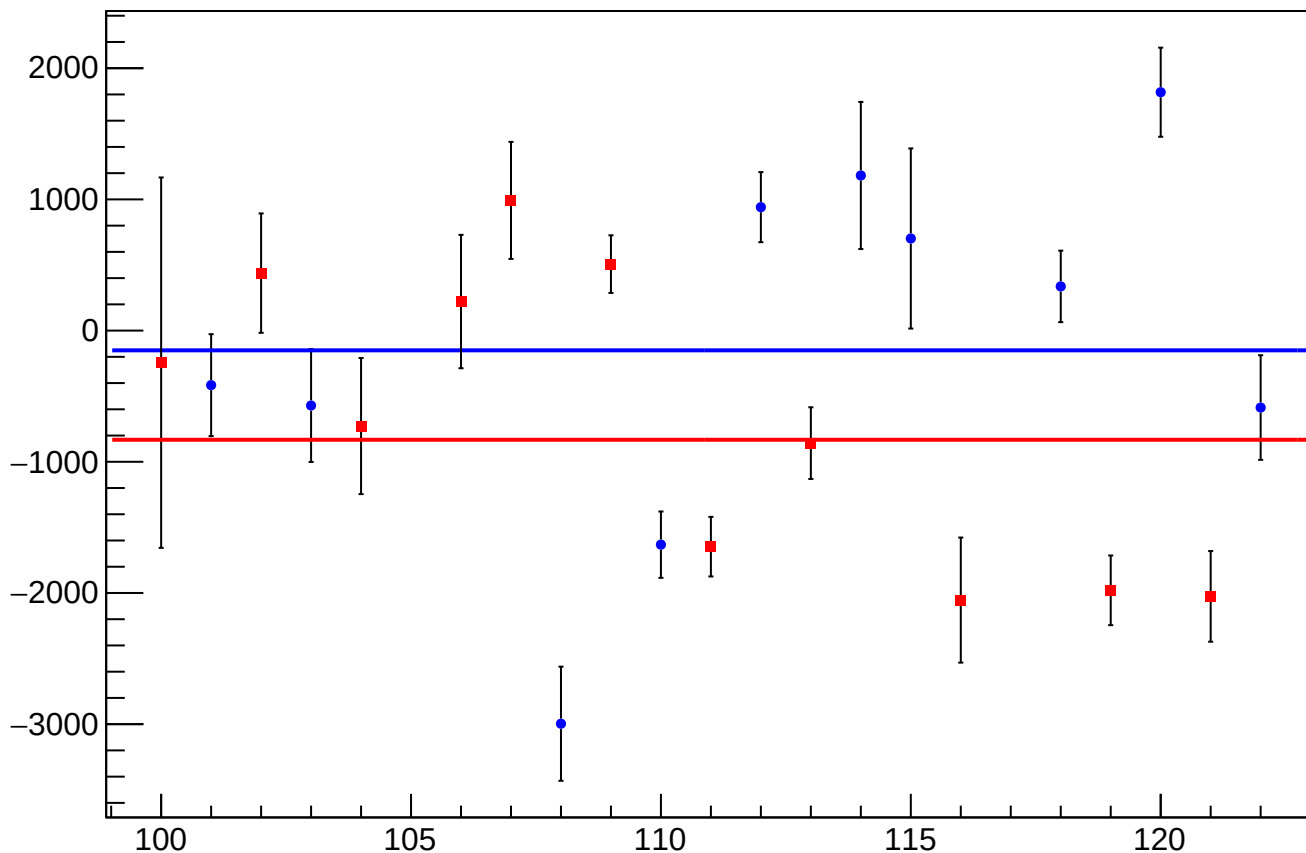
Right: 173.346+/-0.045 χ^2/NDF : 1801743.2/20

In: 183.277+/-0.068 χ^2/NDF : 731157.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.346+/-0.045 χ^2/NDF : 1801743.2/20

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: -832.051+/-100.800 χ^2/NDF : 116.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

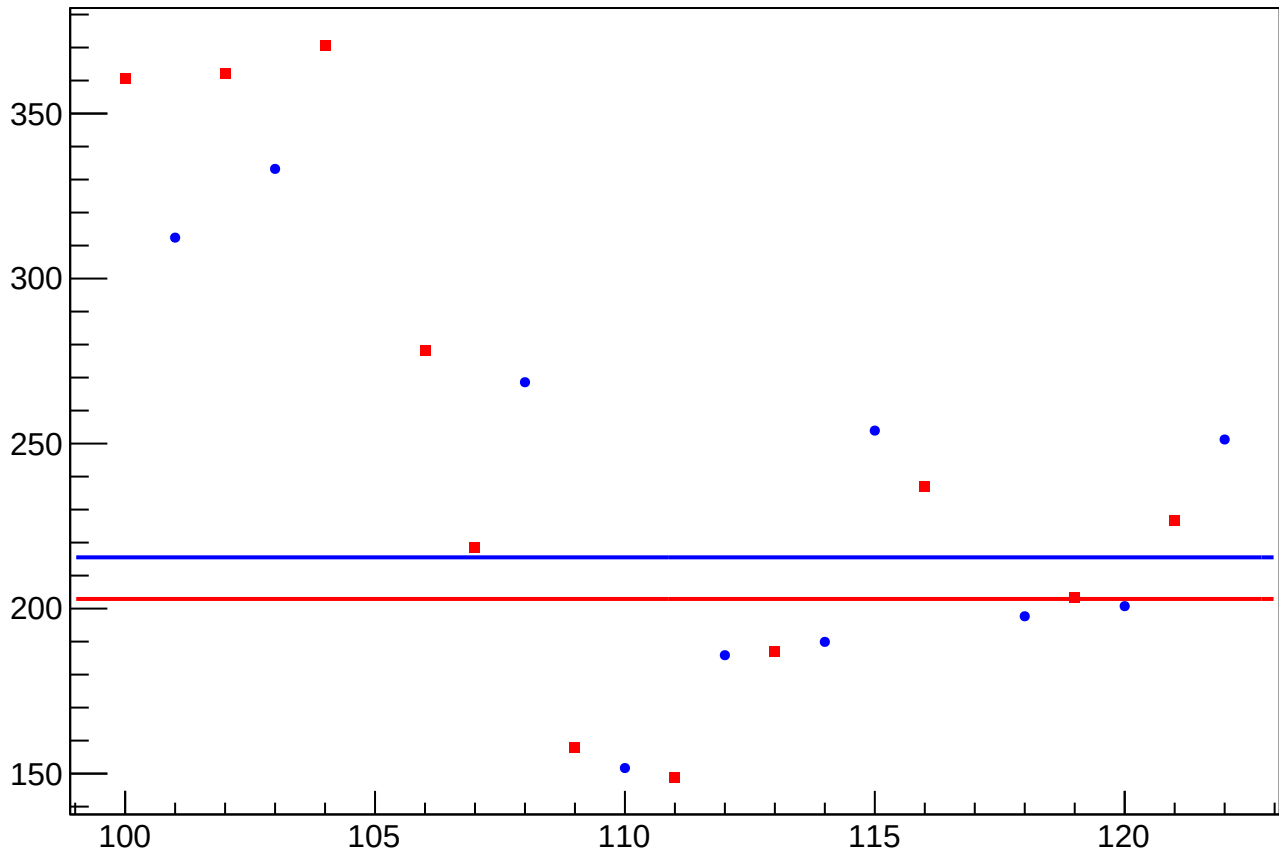
Right: -525.055+/-74.722 χ^2/NDF : 277.2/20

In: -150.576+/-111.329 χ^2/NDF : 140.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -525.055+/-74.722 χ^2/NDF : 277.2/20

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: 202.921+/-0.071 χ^2/NDF : 747745.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

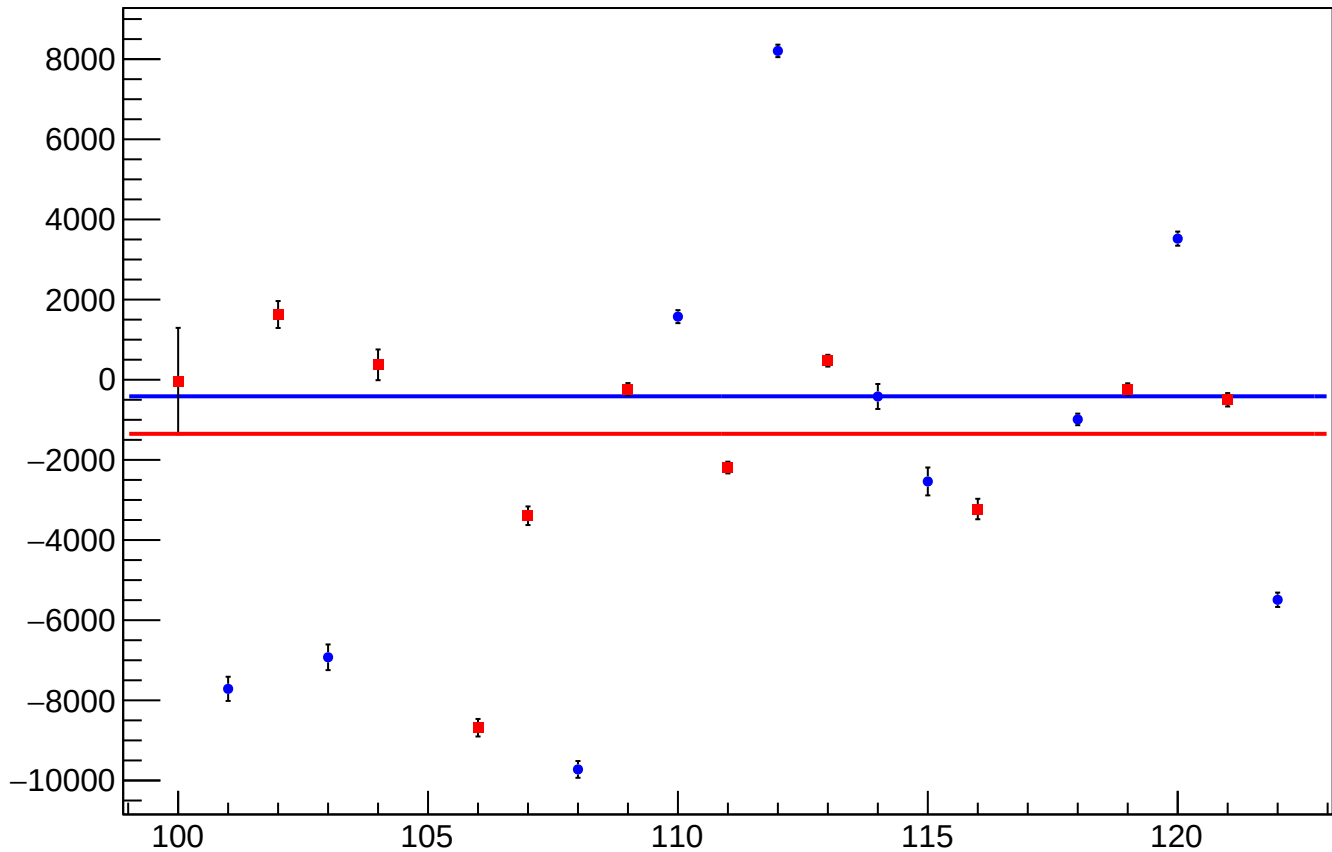
Right: 208.601+/-0.053 χ^2/NDF : 1256448.3/20

In: 215.529+/-0.079 χ^2/NDF : 494606.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.601+/-0.053 χ^2/NDF : 1256448.3/20

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: -1349.655+/-58.286 χ^2/NDF : 1685.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

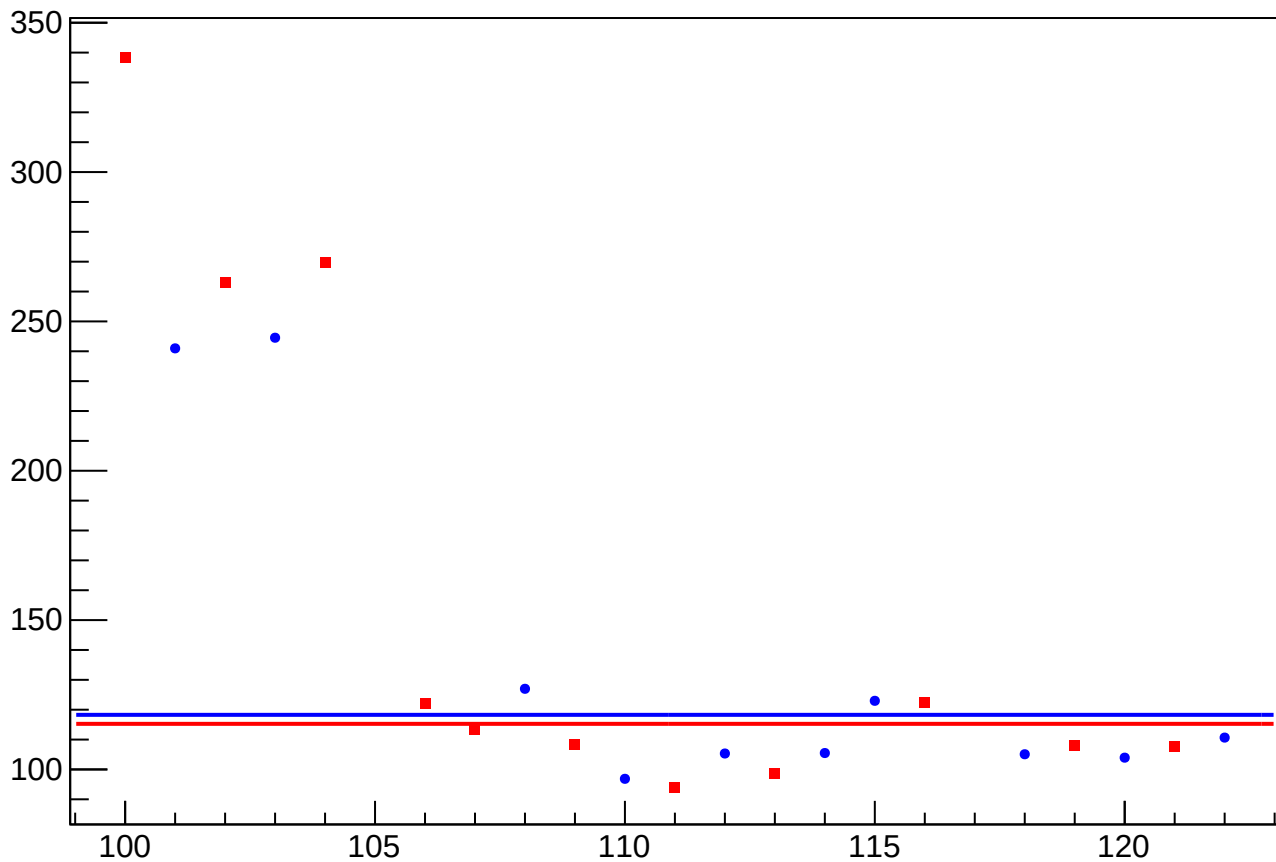
Right: -917.225+/-42.755 χ^2/NDF : 9348.6/20

In: -413.496+/-62.908 χ^2/NDF :7544.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -917.225+/-42.755 χ^2/NDF : 9348.6/20

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: 115.265+/-0.041 χ^2/NDF : 854947.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

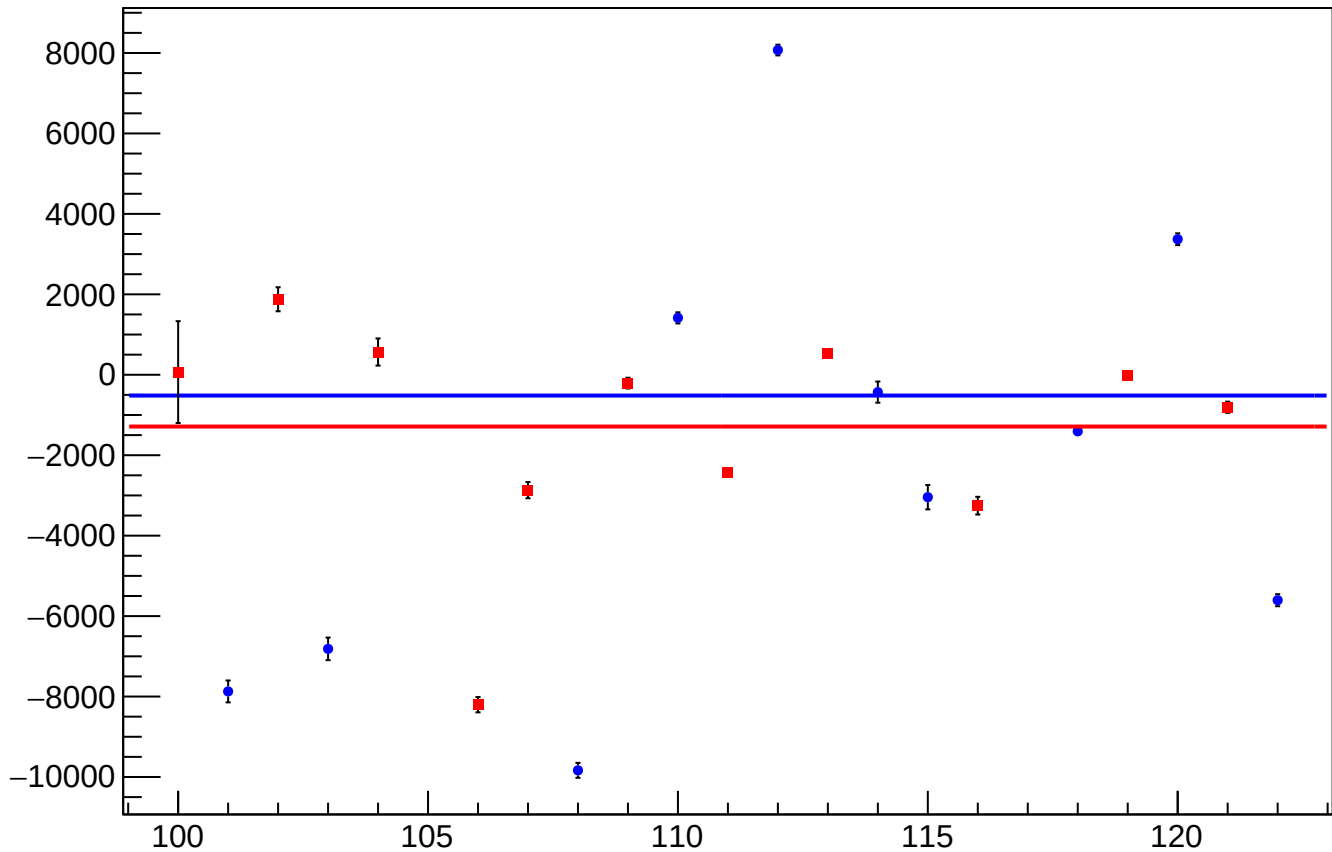
Right: 116.658+/-0.030 χ^2/NDF : 1587895.8/20

In: 118.281+/-0.044 χ^2/NDF : 730474.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.658+/-0.030 χ^2/NDF : 1587895.8/20

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -516.596 $\pm$ 53.526 χ^2 /NDF: 10073.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1287.052 $\pm$ 49.750 χ^2 /NDF: 2092.9/10

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

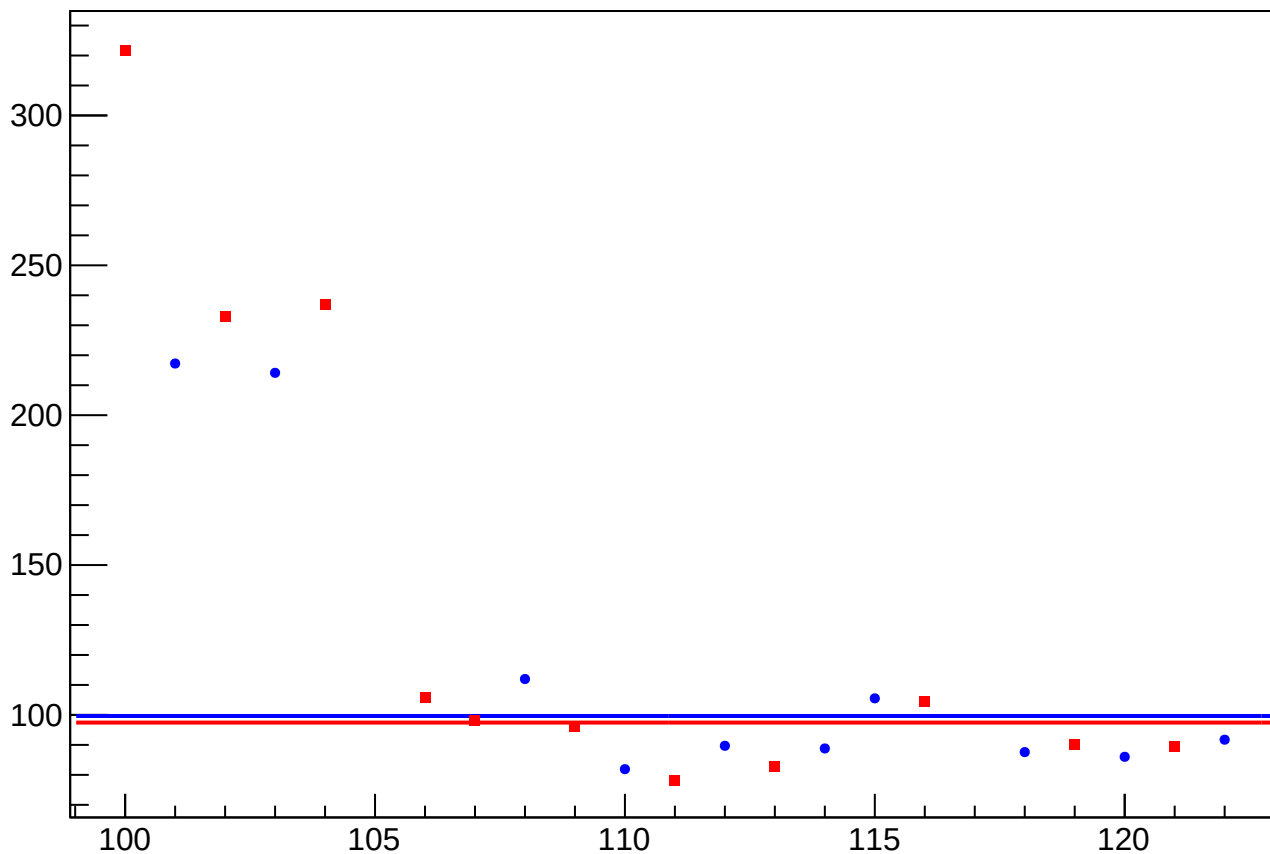
Right: -929.958 $\pm$ 36.440 χ^2 /NDF: 12277.4/20

In: -516.596 $\pm$ 53.526 χ^2 /NDF:10073.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -929.958 $\pm$ 36.440 χ^2 /NDF: 12277.4/20

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: 97.447+/-0.035 χ^2/NDF : 915435.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

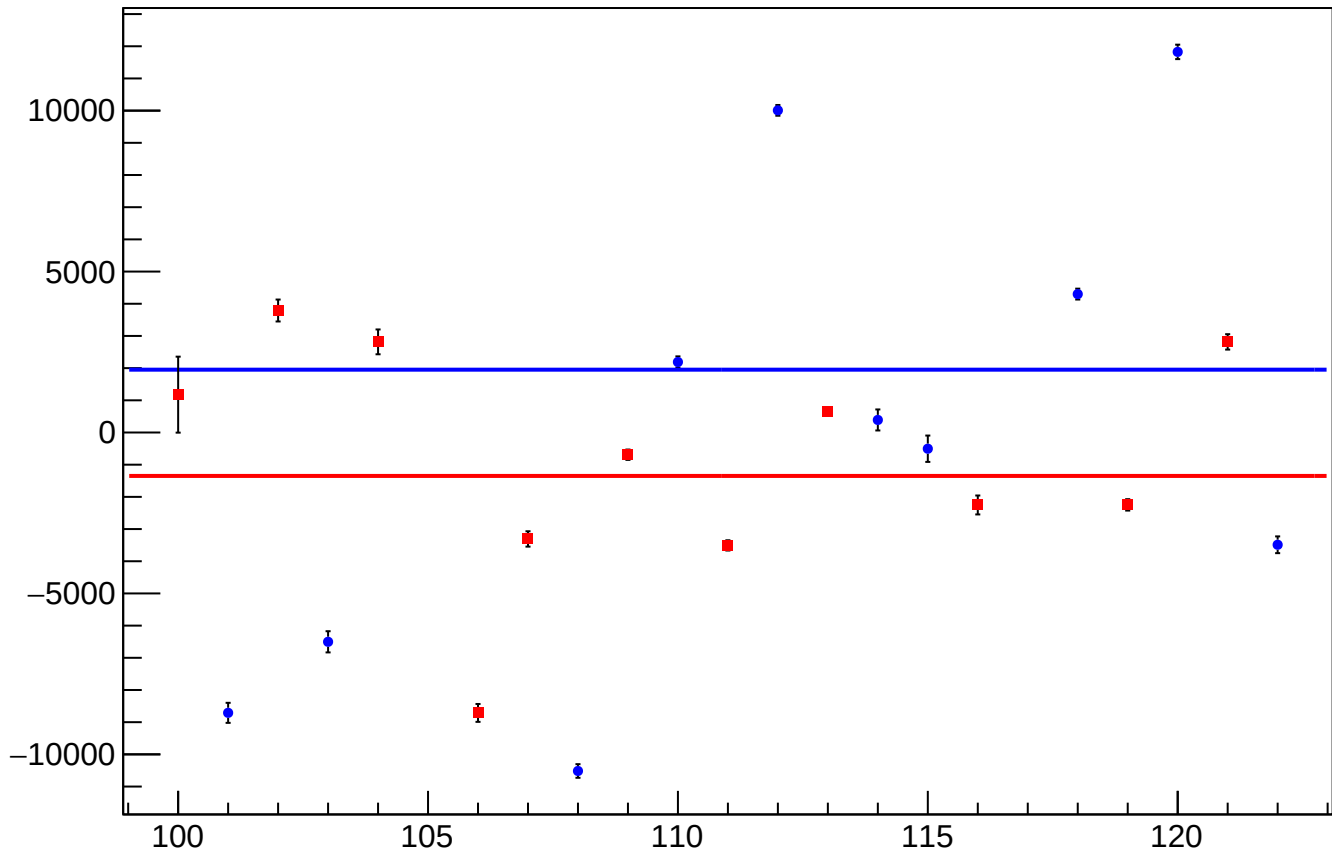
Right: 98.467+/-0.026 χ^2/NDF : 1723092.3/20

In: 99.648+/-0.038 χ^2/NDF : 805841.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.467+/-0.026 χ^2/NDF : 1723092.3/20

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: -1349.283+/-66.461 χ^2/NDF : 1822.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

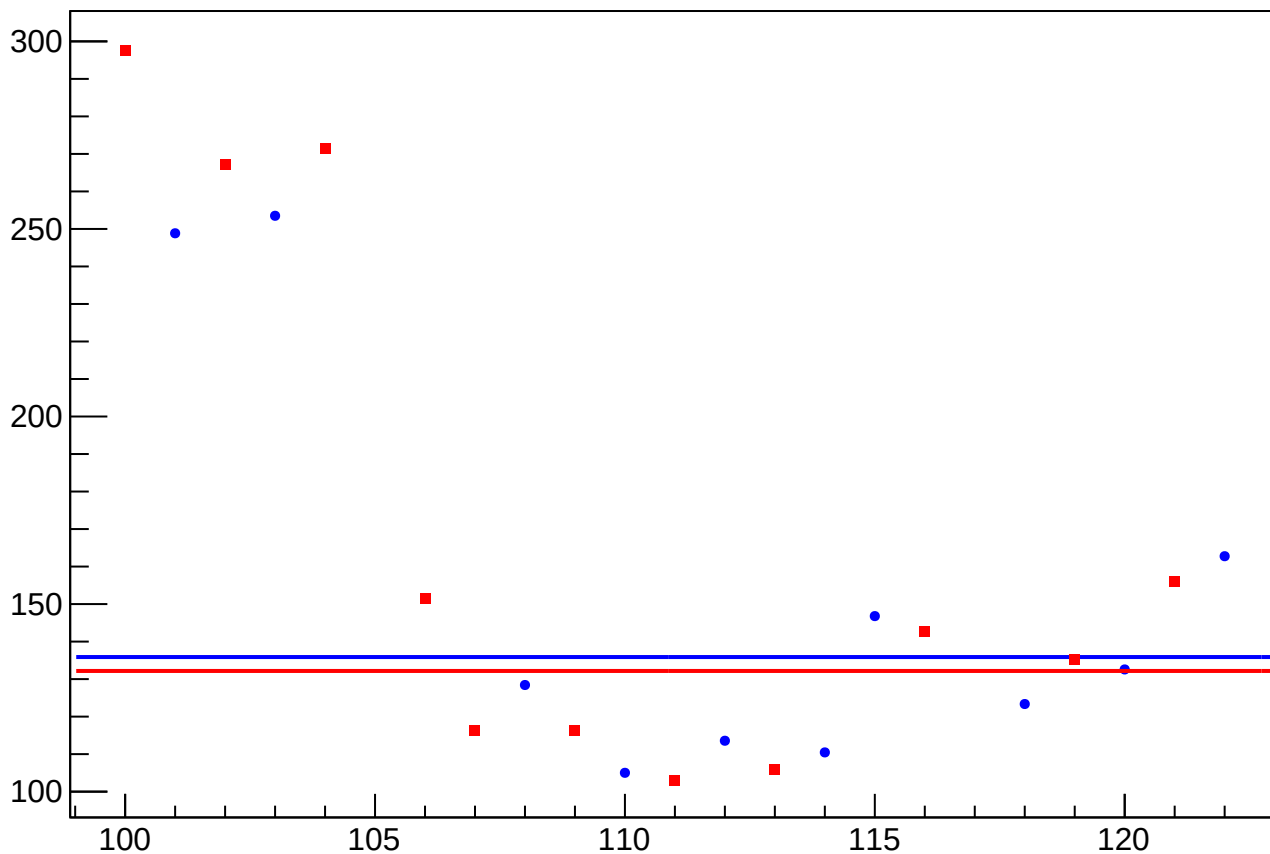
Right: 179.122+/-48.703 χ^2/NDF : 13220.1/20

In: 1951.935+/-71.578 χ^2/NDF : 10255.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.122+/-48.703 χ^2/NDF : 13220.1/20

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 135.882 $\pm$ 0.051 χ^2 /NDF: 664965.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.171 $\pm$ 0.047 χ^2 /NDF: 797447.9/10

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

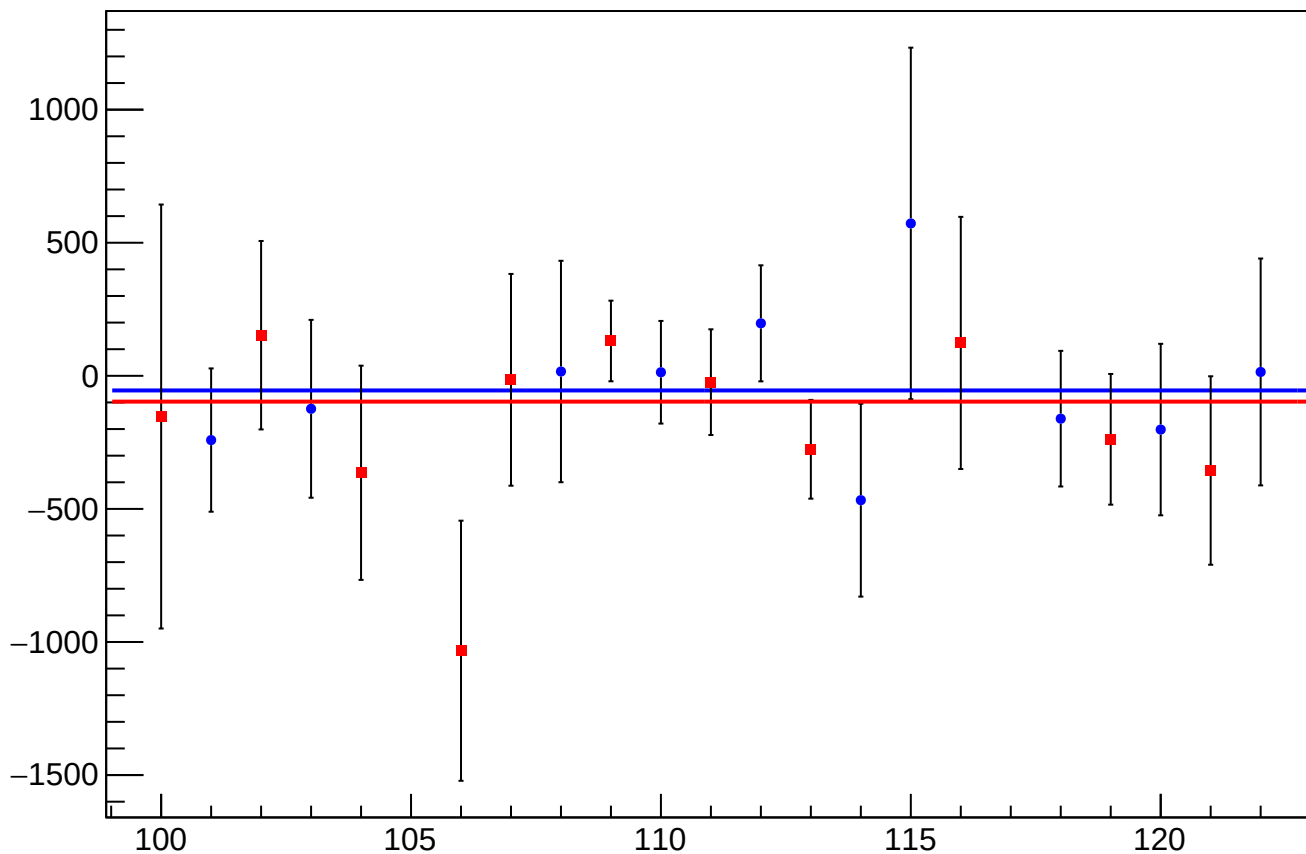
Right: 133.889 $\pm$ 0.034 χ^2 /NDF: 1465299.9/20

In: 135.882 $\pm$ 0.051 χ^2 /NDF:664965.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.889 $\pm$ 0.034 χ^2 /NDF: 1465299.9/20

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

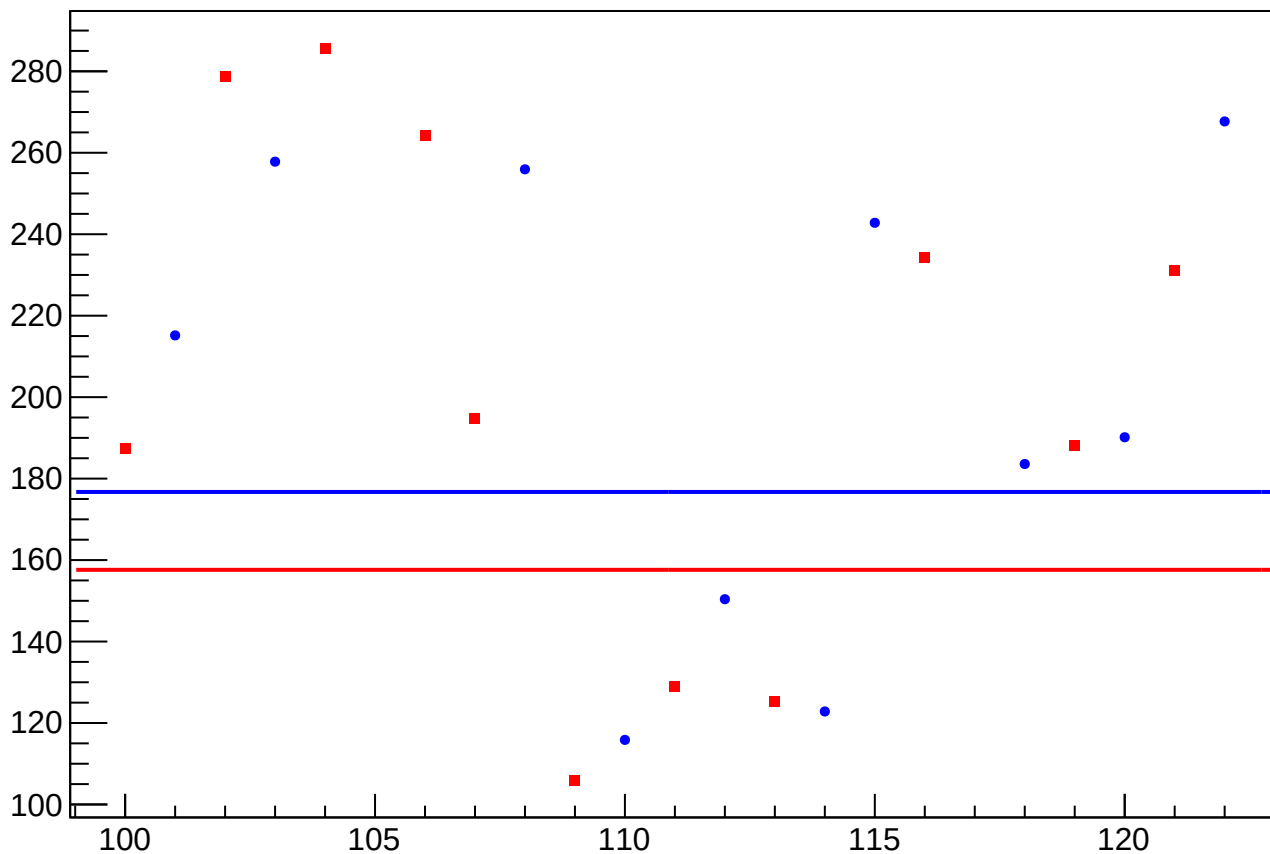
Right: -78.752+/-60.833 χ^2/NDF : 13.8/20

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

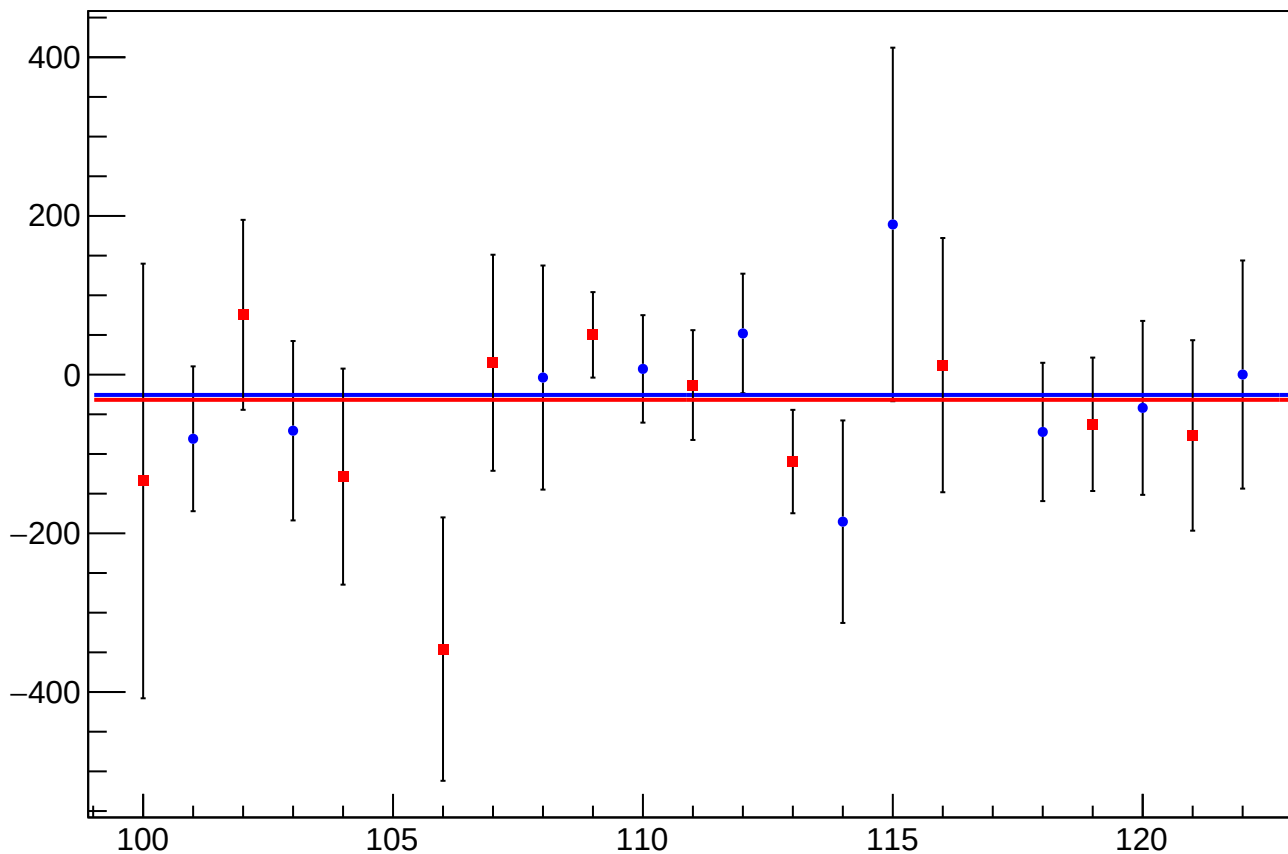
Right: 165.882+/-0.043 χ^2/NDF : 1724752.0/20

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

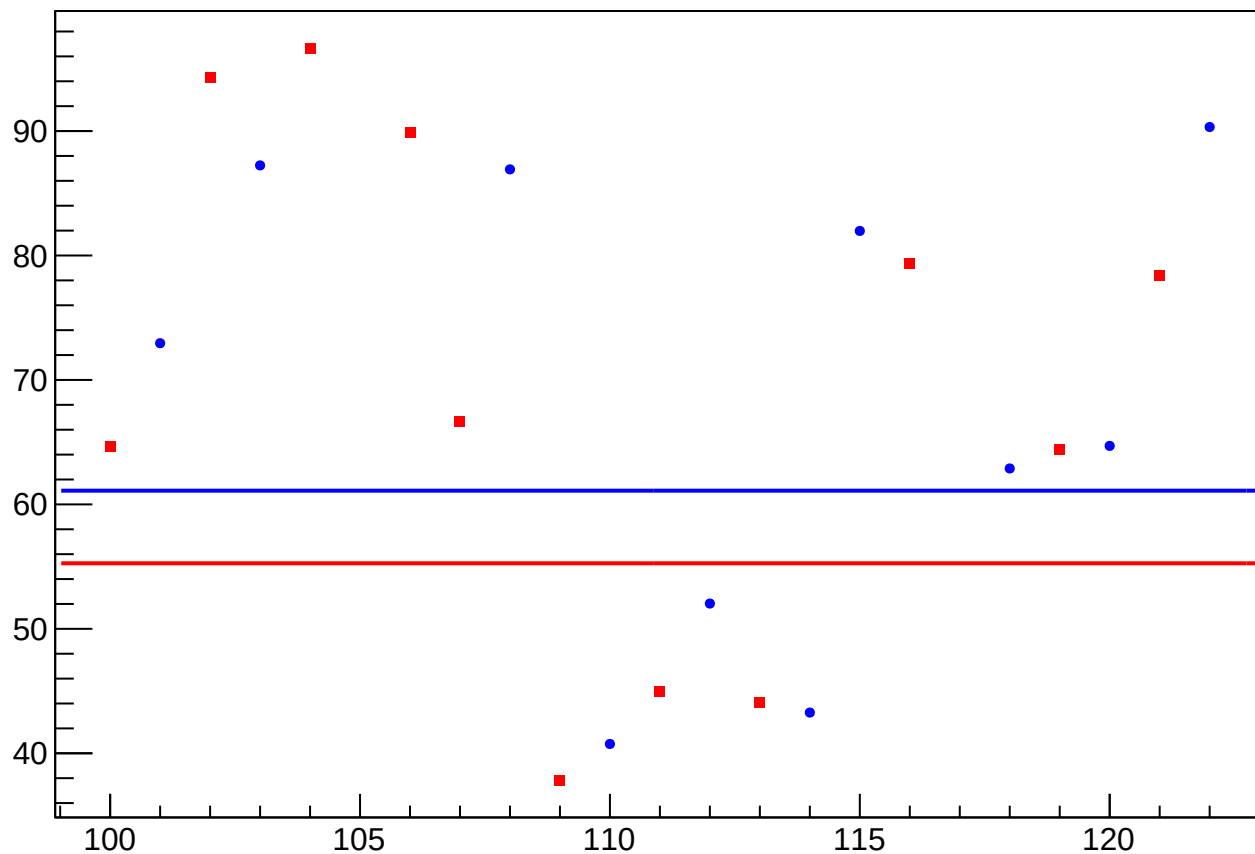
Right: -29.042+/-21.065 χ^2/NDF : 14.0/20

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

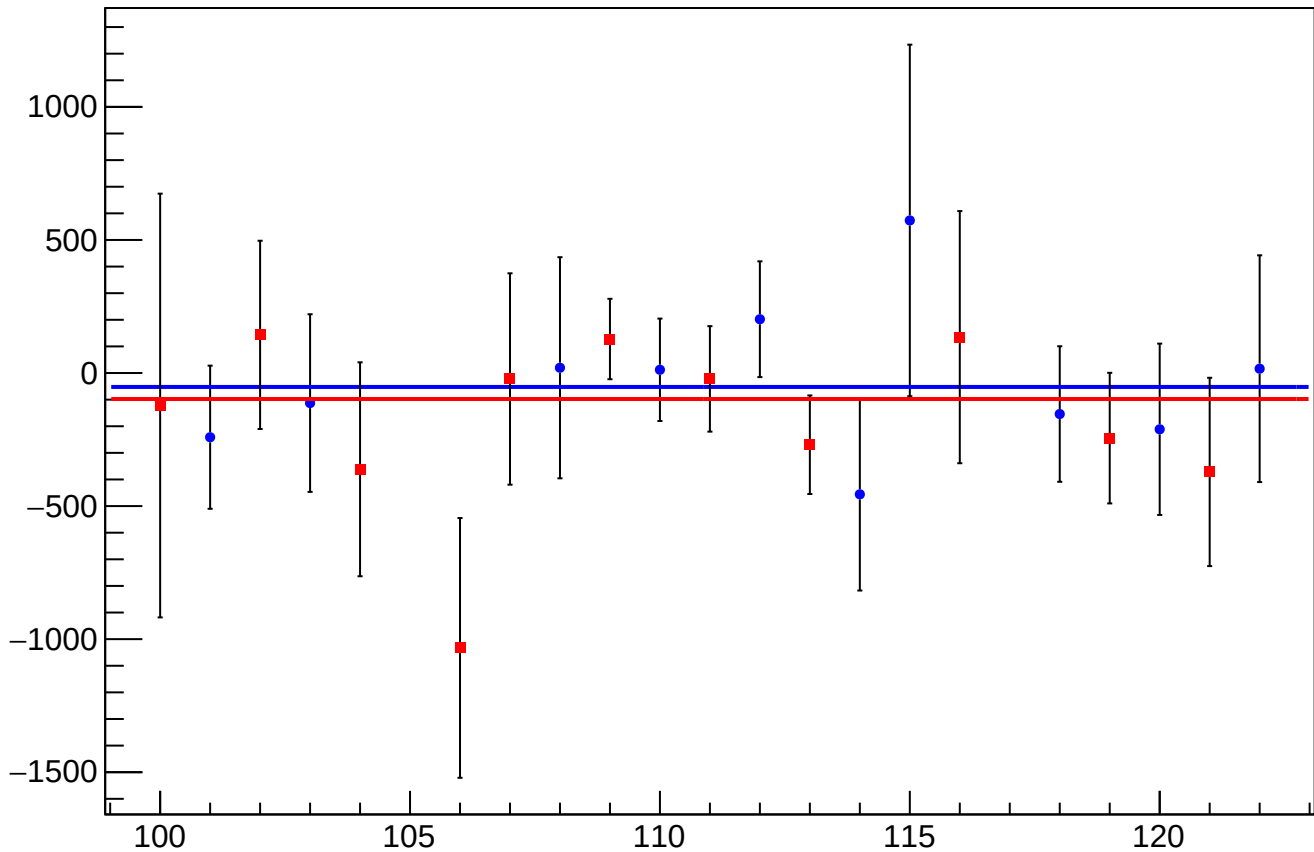
Right: 57.824+/-0.015 χ^2/NDF : 1553041.3/20

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

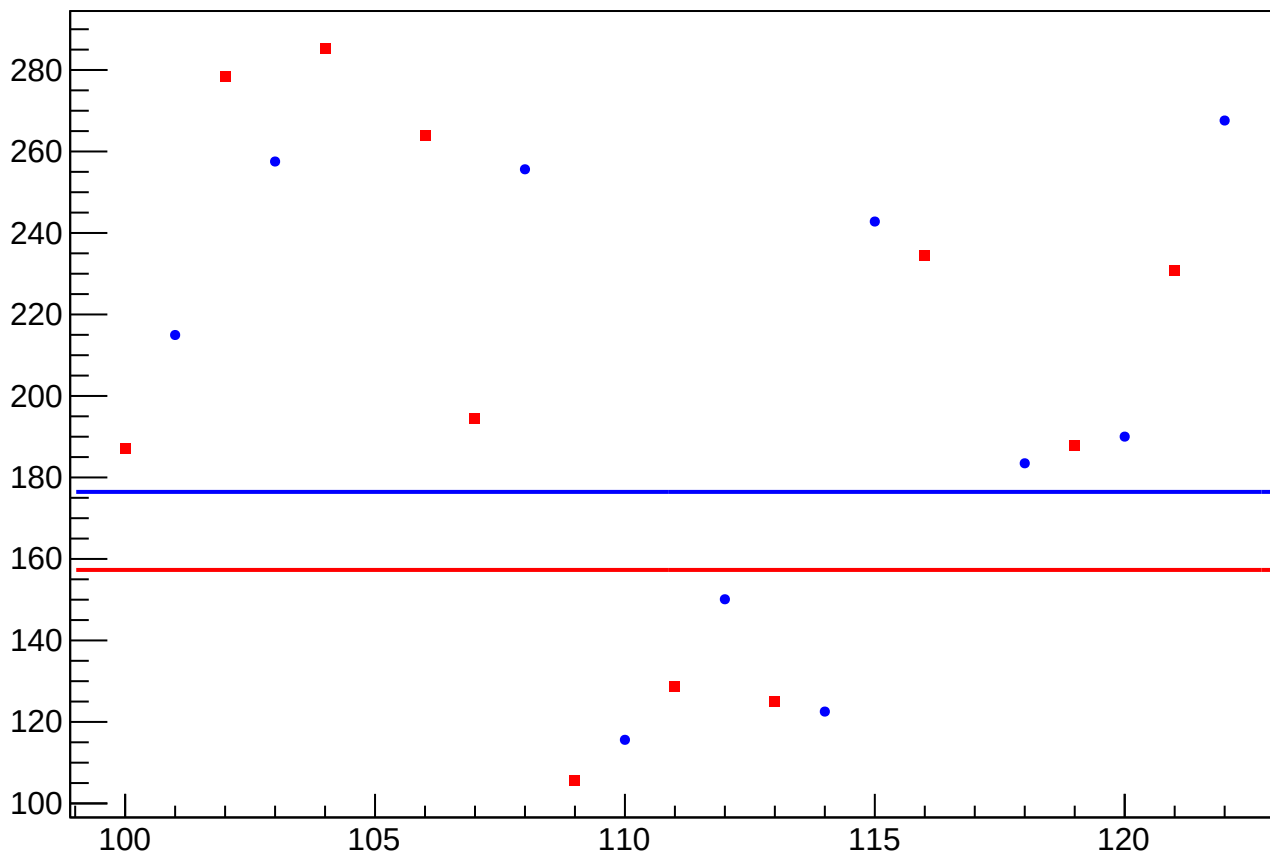
Right: -78.041+/-60.739 χ^2/NDF : 13.8/20

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

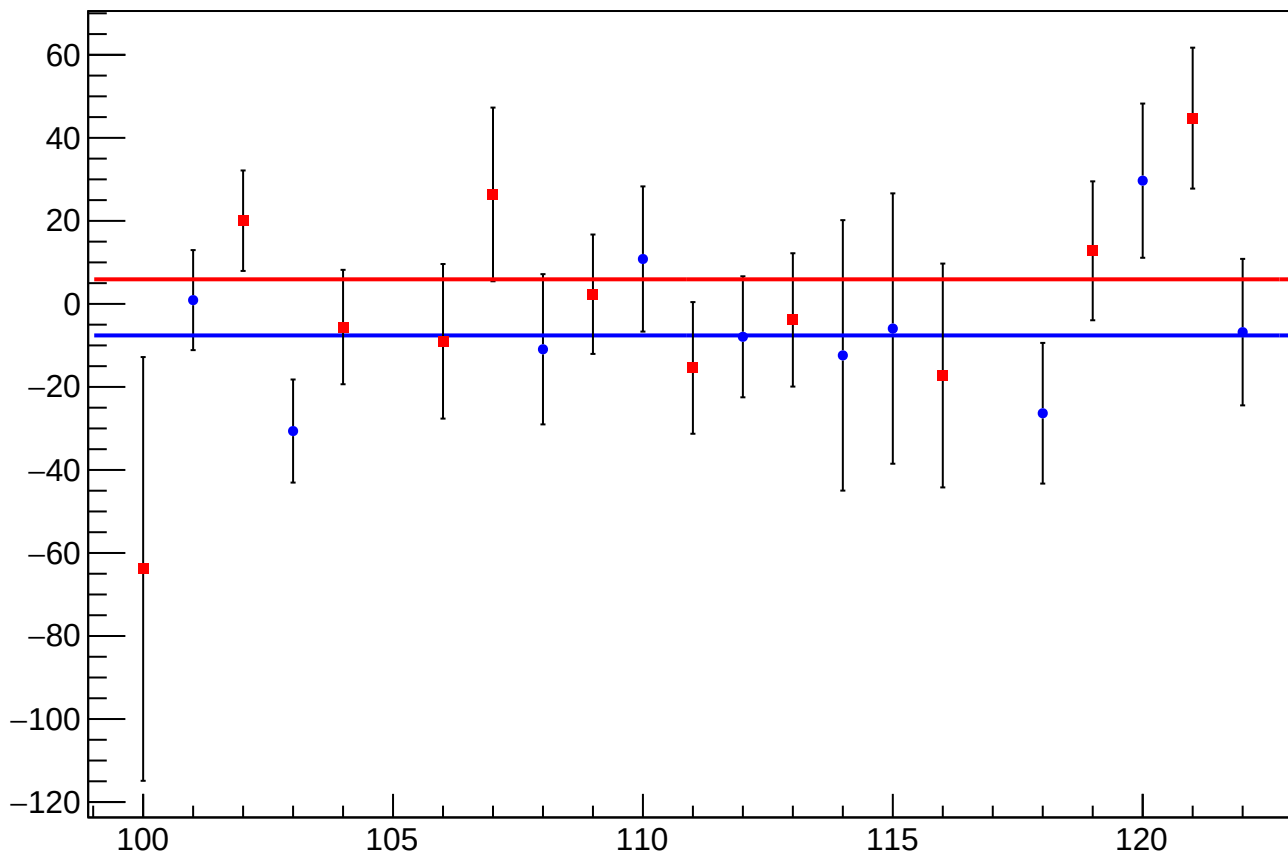
Right: 165.587+/-0.043 χ^2/NDF : 1730775.6/20

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

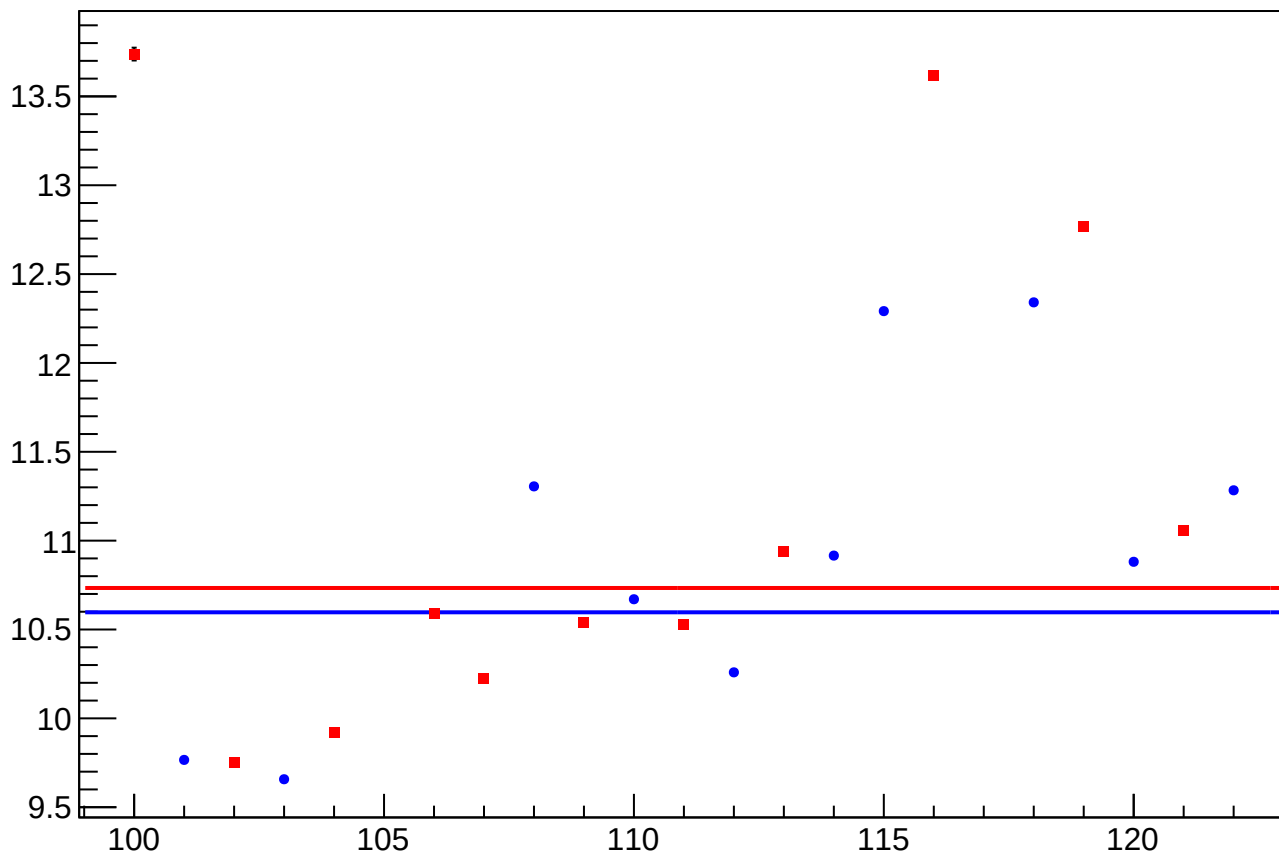
Right: -0.575+/-3.660 χ^2/NDF : 27.7/20

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

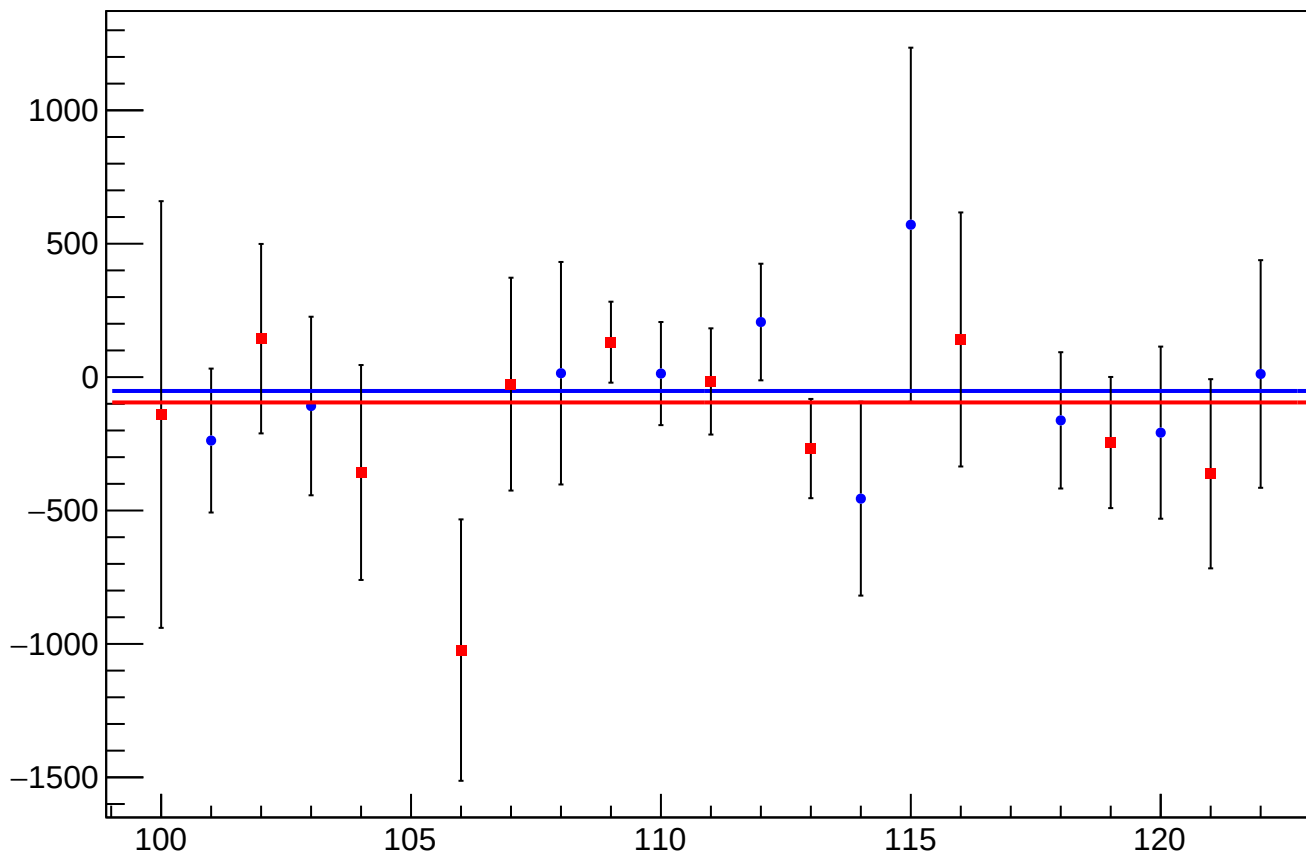
Right: 10.668+/-0.003 χ^2/NDF : 138697.3/20

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: -94.938+/-80.947 χ^2/NDF : 8.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

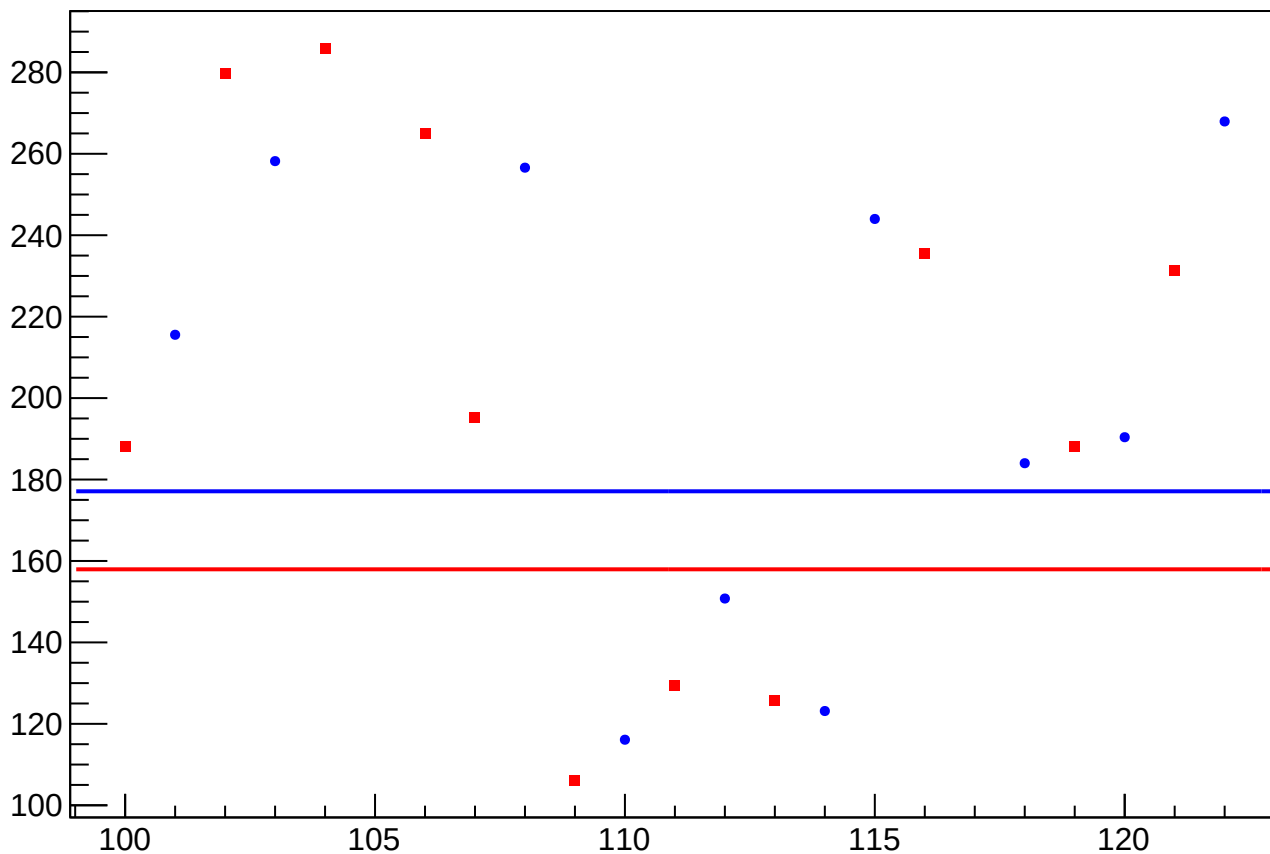
Right: -76.333+/-60.966 χ^2/NDF : 13.6/20

In: -51.944+/-92.677 χ^2/NDF :4.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -76.333+/-60.966 χ^2/NDF : 13.6/20

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: 157.950+/-0.057 χ^2/NDF : 1056422.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

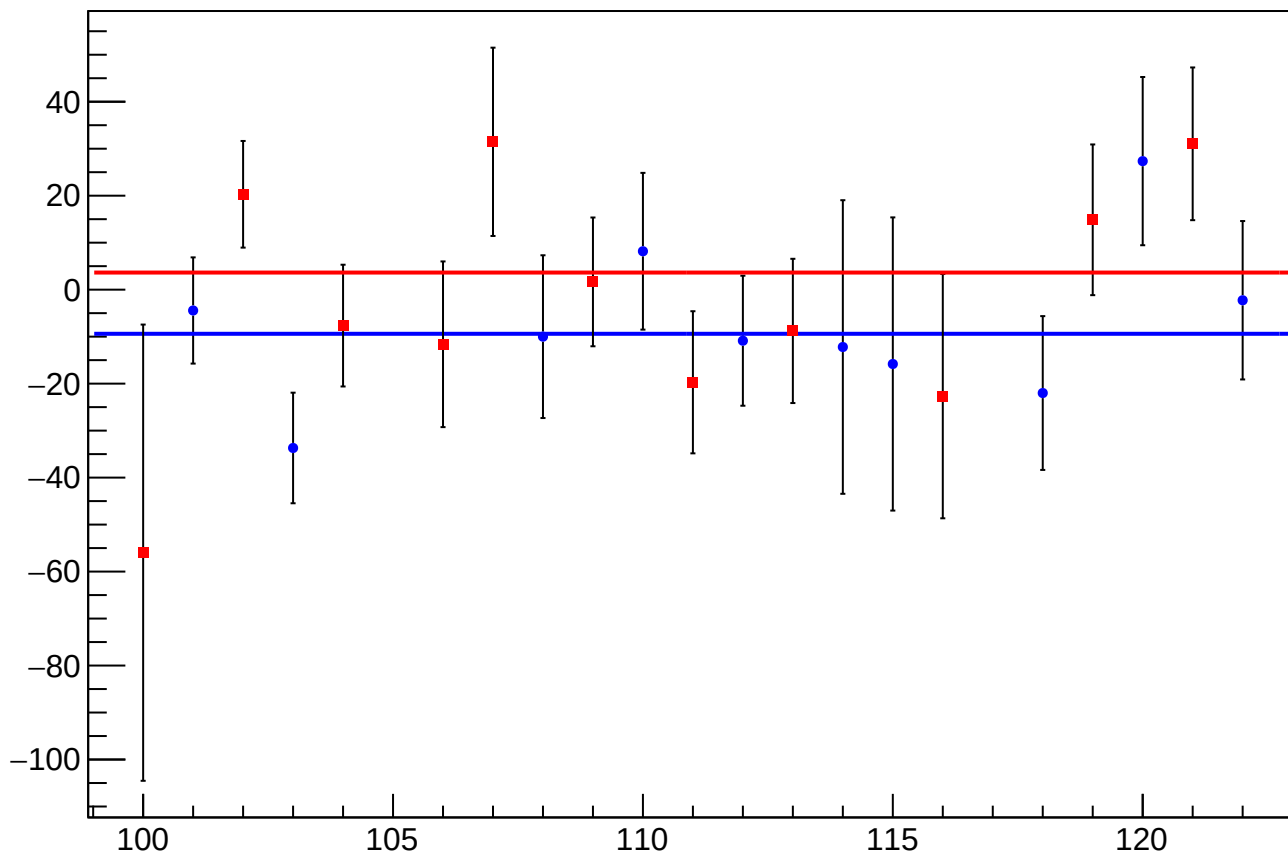
Right: 166.243+/-0.043 χ^2/NDF : 1724005.2/20

In: 177.113+/-0.066 χ^2/NDF : 619079.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.243+/-0.043 χ^2/NDF : 1724005.2/20

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: 3.641+/-4.825 χ^2/NDF : 14.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

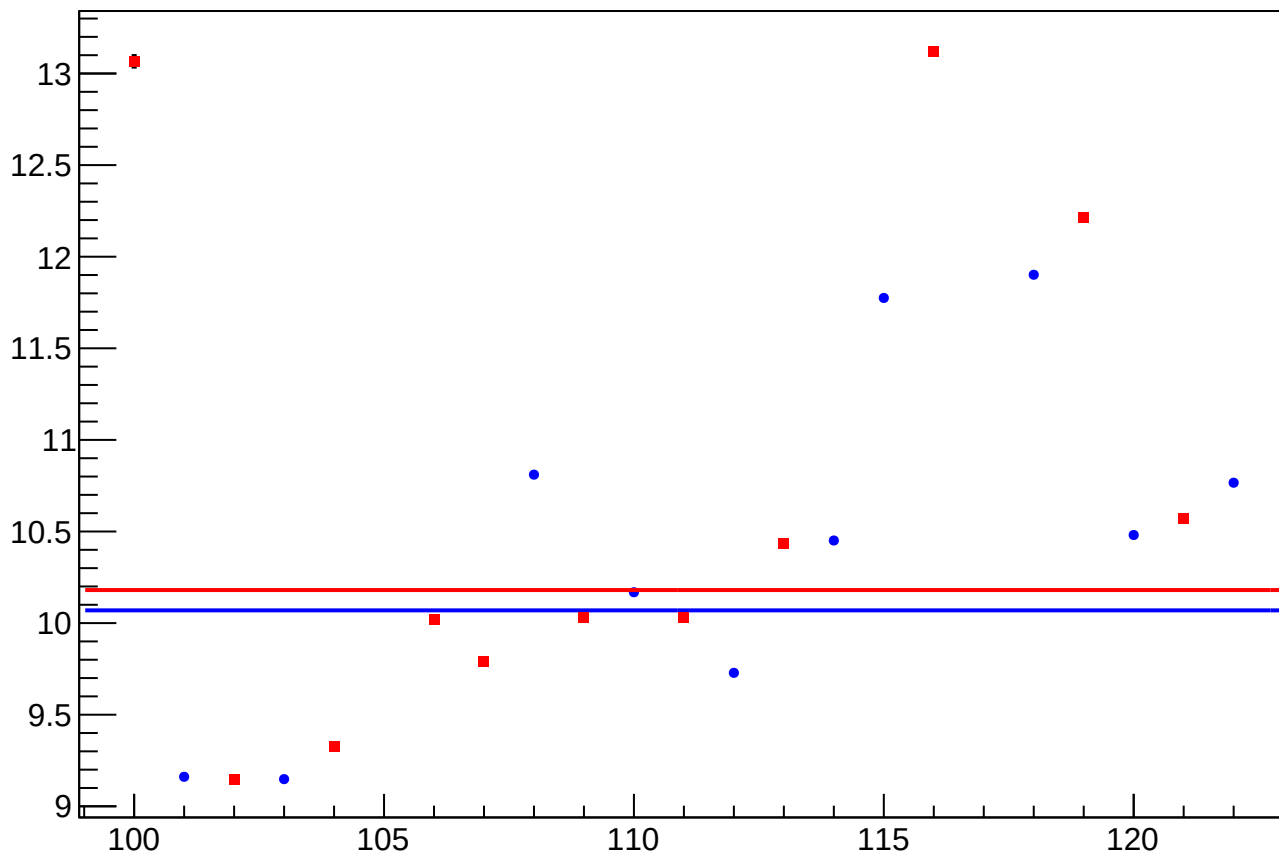
Right: -2.613+/-3.480 χ^2/NDF : 28.6/20

In: -9.392+/-5.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.613+/-3.480 χ^2/NDF : 28.6/20

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: 10.180+/-0.003 χ^2/NDF : 93193.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

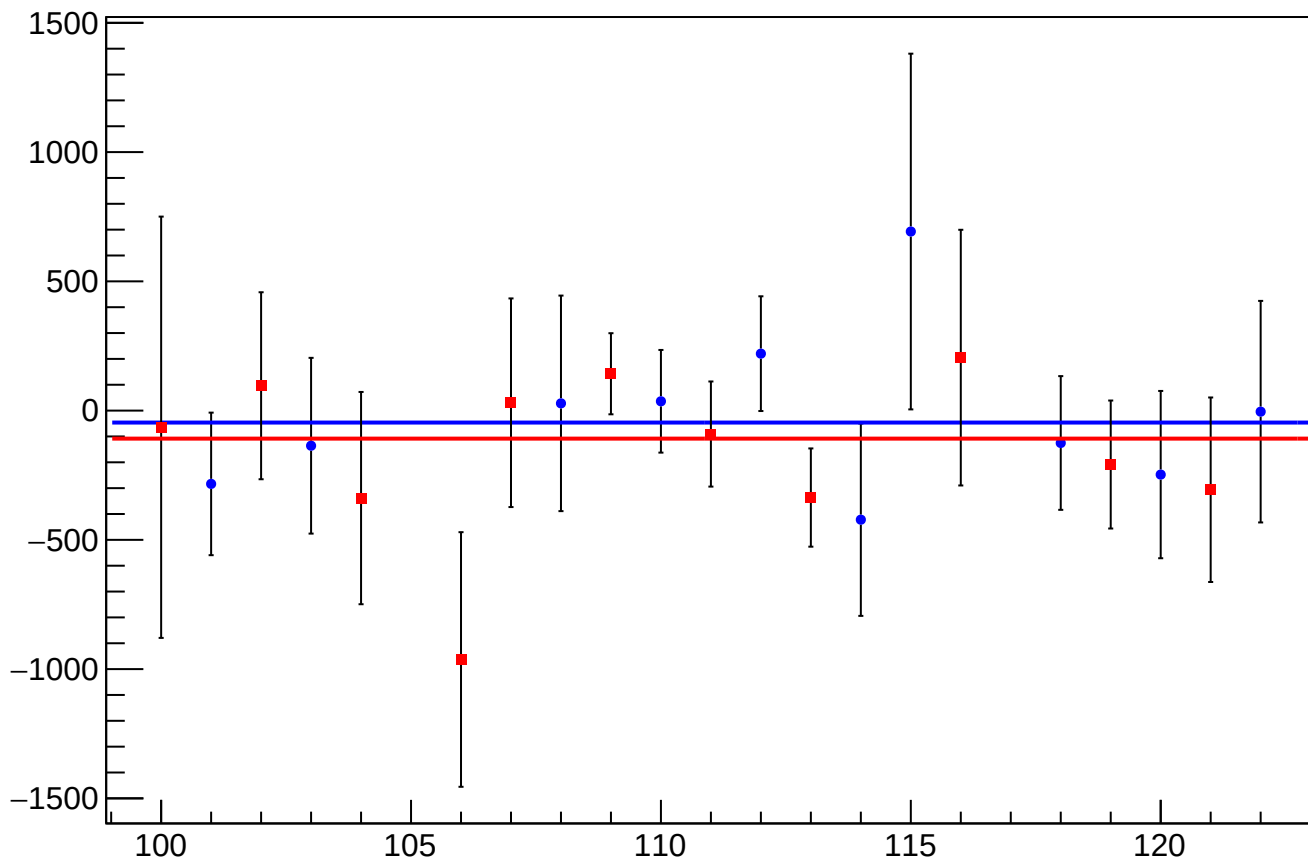
Right: 10.127+/-0.002 χ^2/NDF : 159624.5/20

In: 10.069+/-0.004 χ^2/NDF : 65923.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.127+/-0.002 χ^2/NDF : 159624.5/20

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

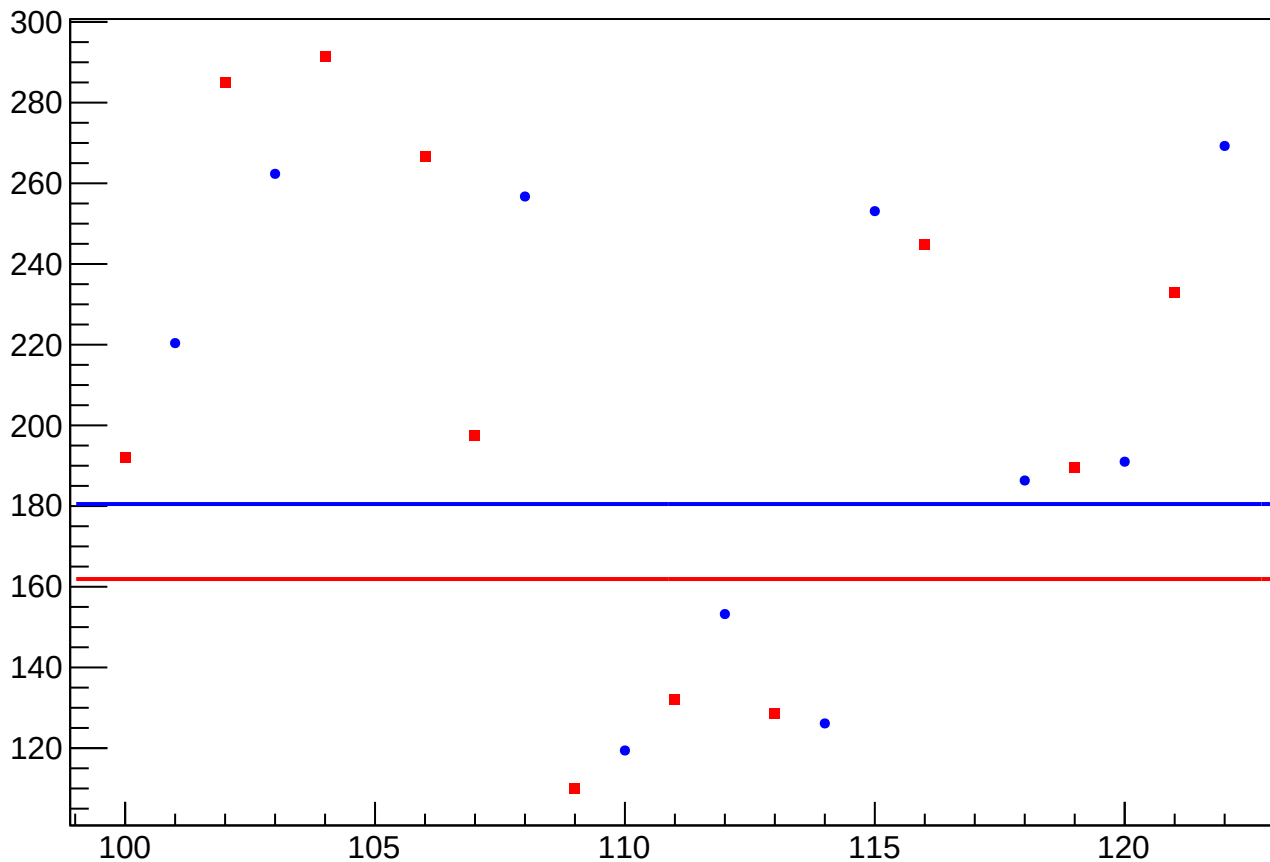
Right: -81.347 ± 62.181 χ^2/NDF : 14.0/20

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

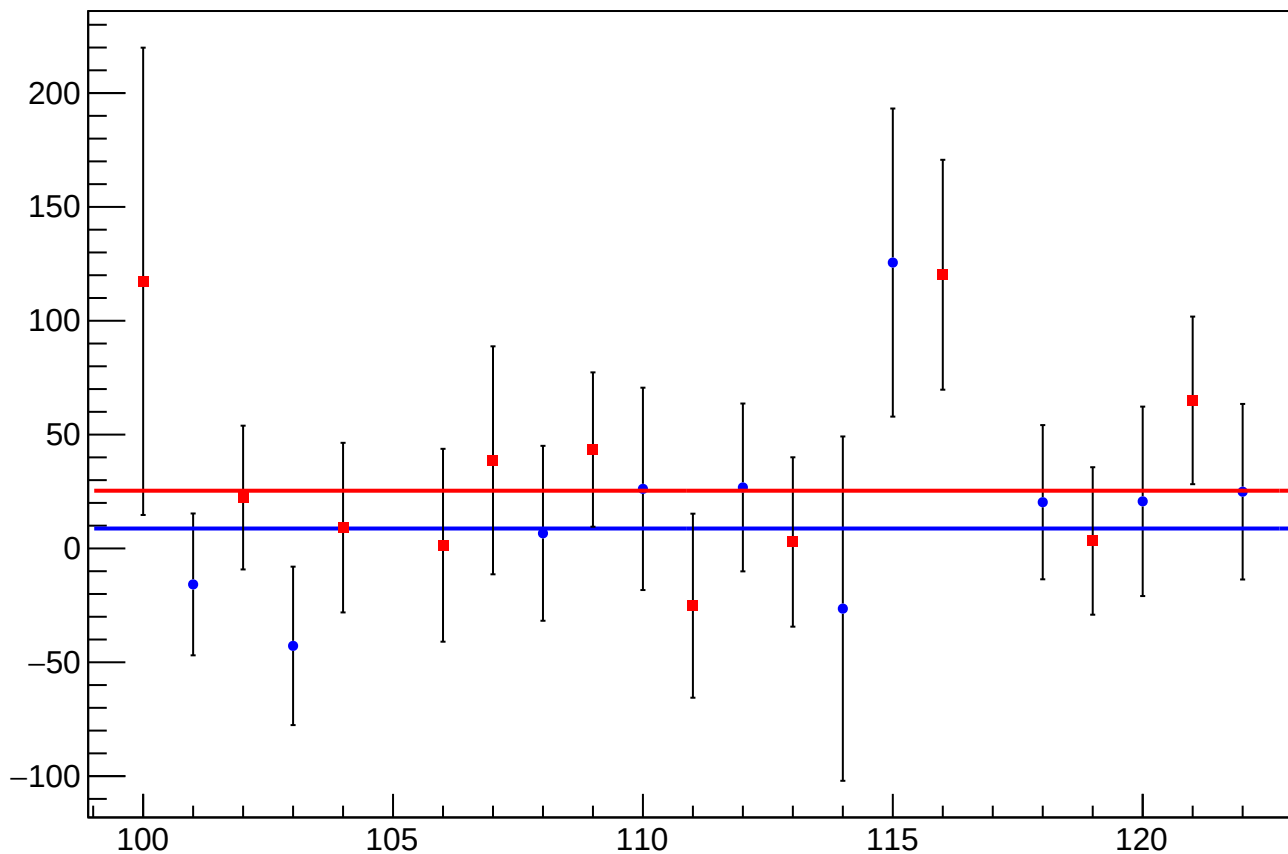
Right: 170.003+/-0.044 χ^2/NDF : 1664610.5/20

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

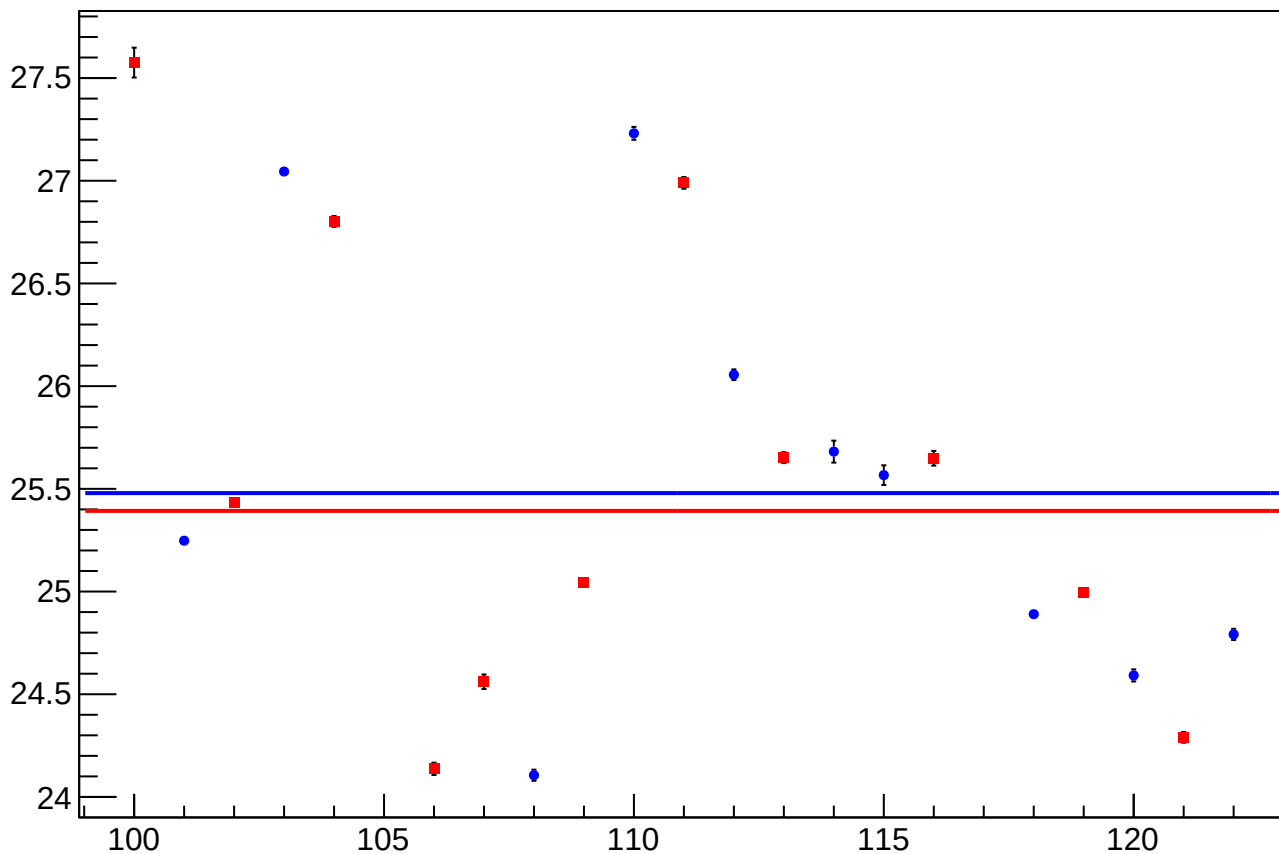
Right: 17.535+/-8.652 χ^2/NDF : 16.5/20

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

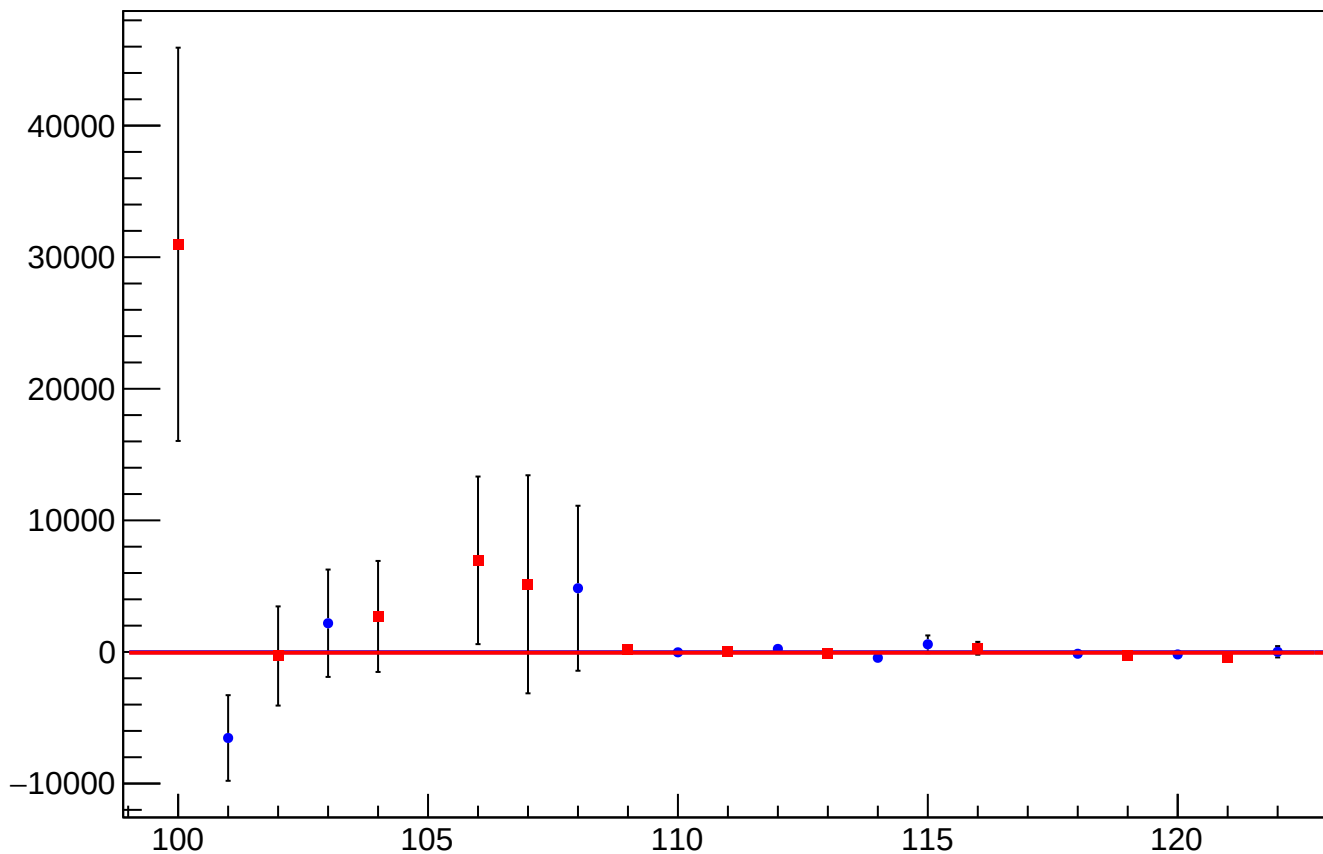
Right: 25.433+/-0.006 χ^2/NDF : 24196.2/20

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+/-107.167 χ^2/NDF : 8.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.936+/-97.614 χ^2/NDF : 10.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

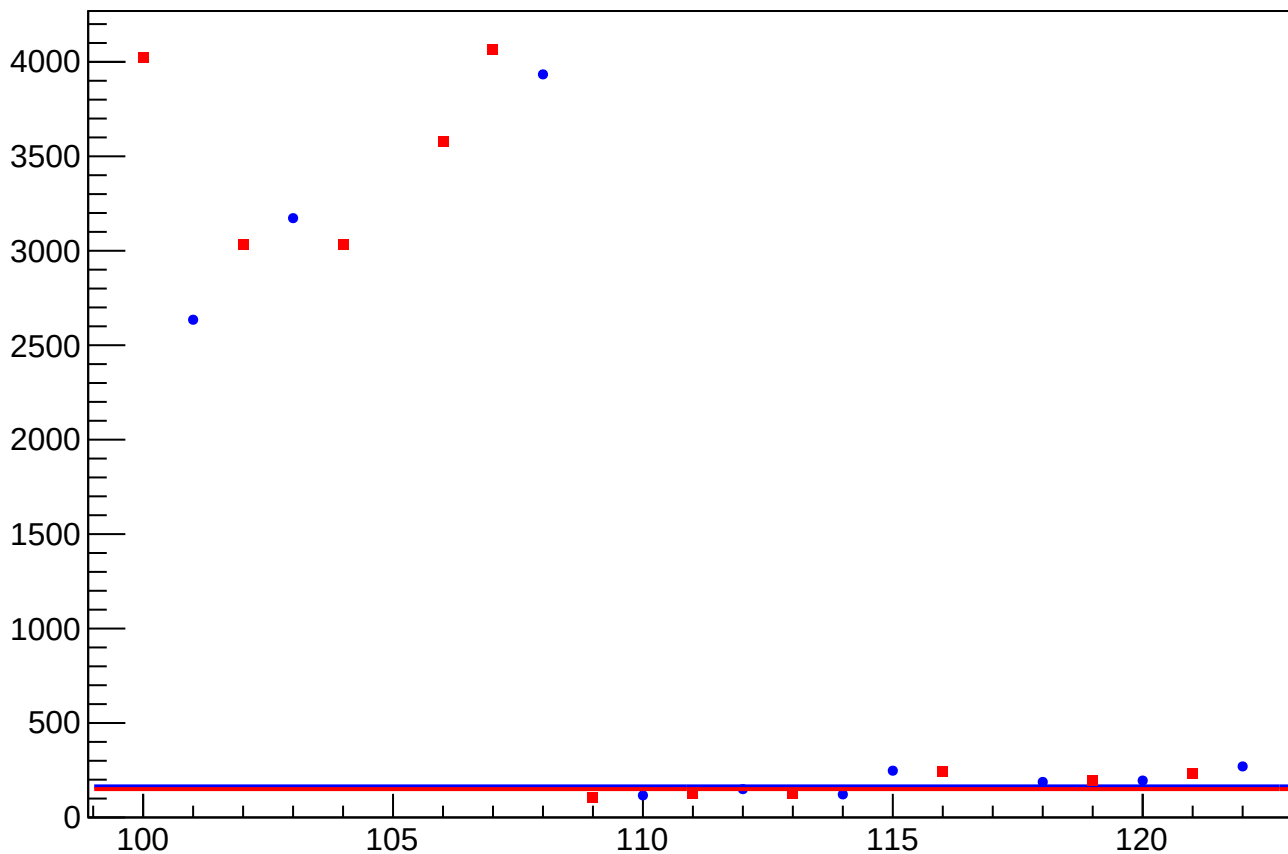
Right: -40.701+/-72.165 χ^2/NDF : 19.2/20

In: -22.337+/-107.167 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.701+/-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

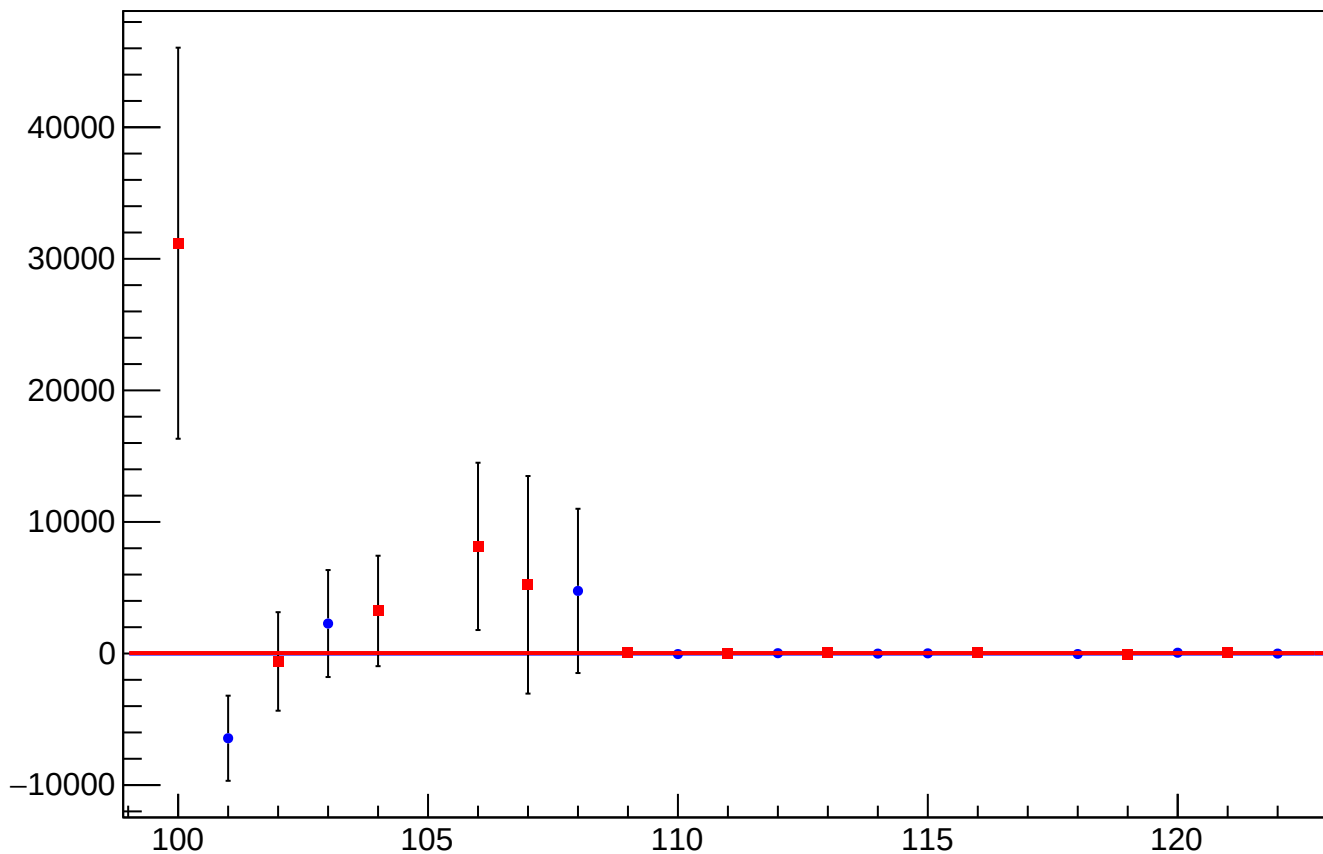
Right: 156.597+/-0.051 χ^2/NDF : 6979537.6/20

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

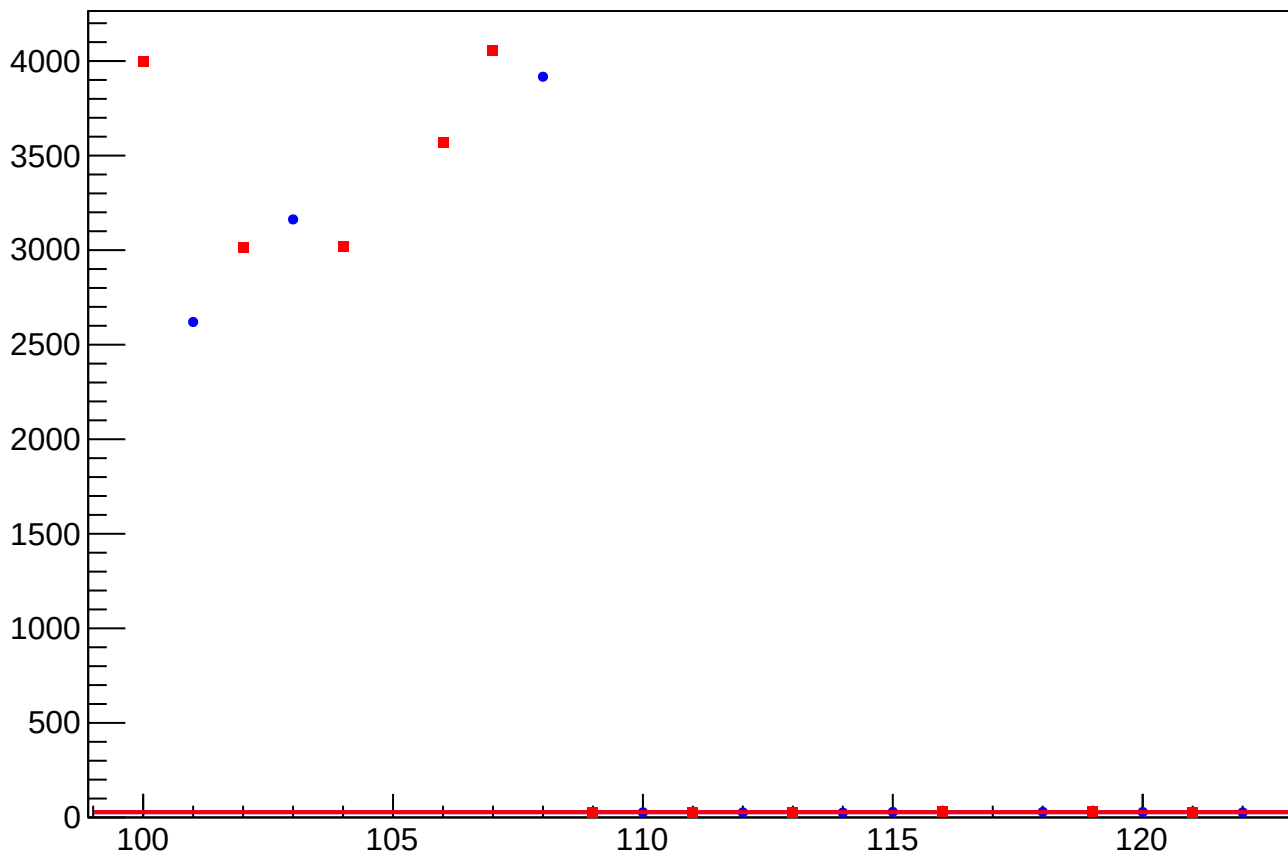
Right: 16.610+/-12.516 χ^2/NDF : 26.9/20

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

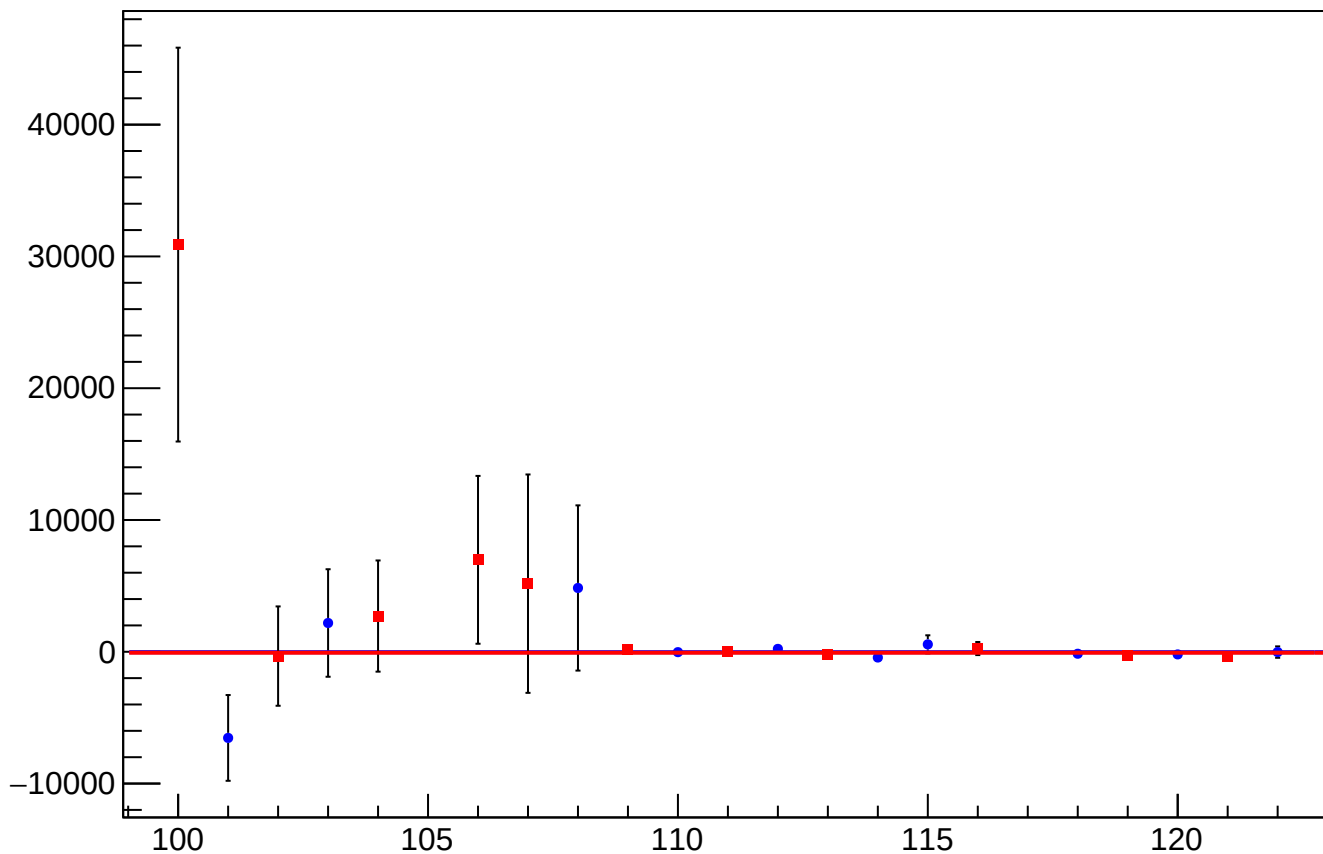
Right: 27.875+/-0.009 χ^2/NDF : 6810219.2/20

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

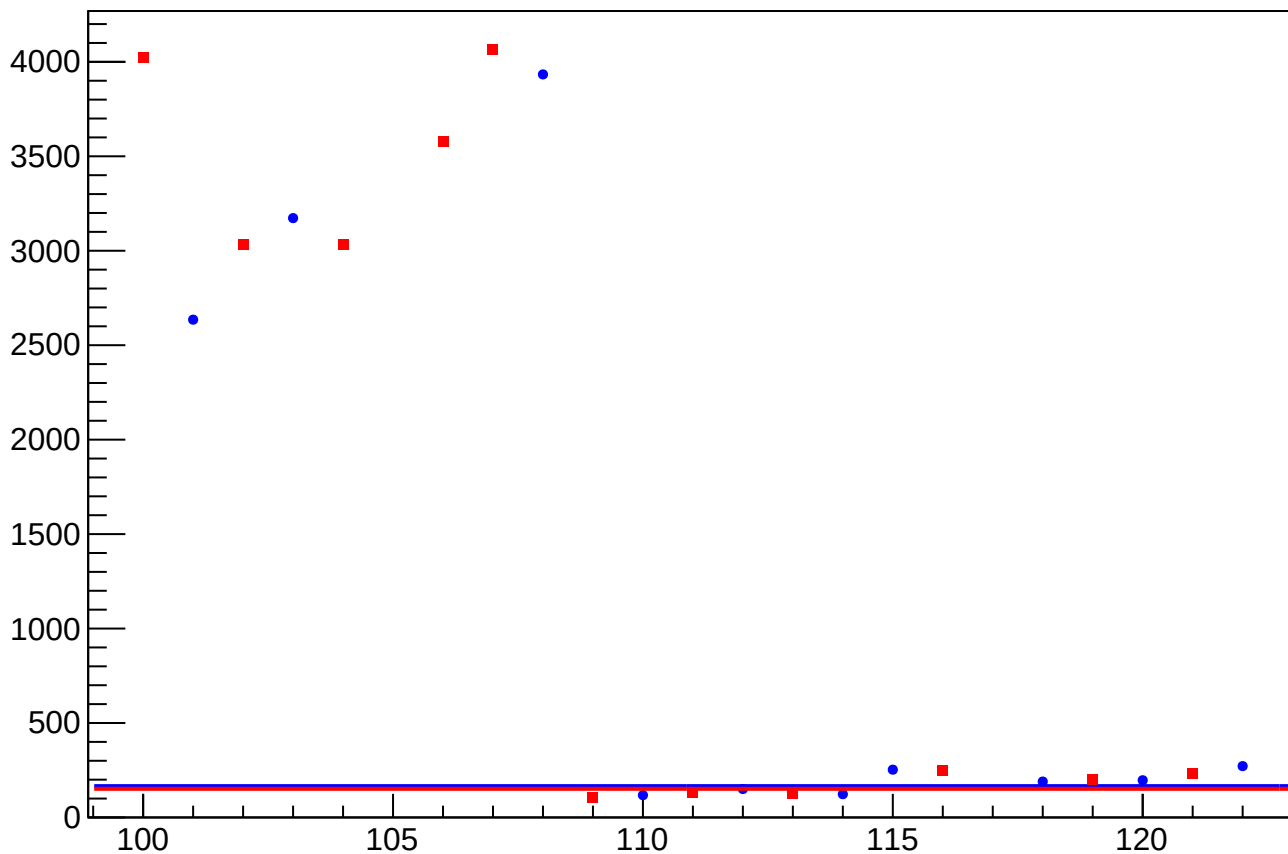
Right: -53.055+/-72.818 χ^2/NDF : 18.7/20

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

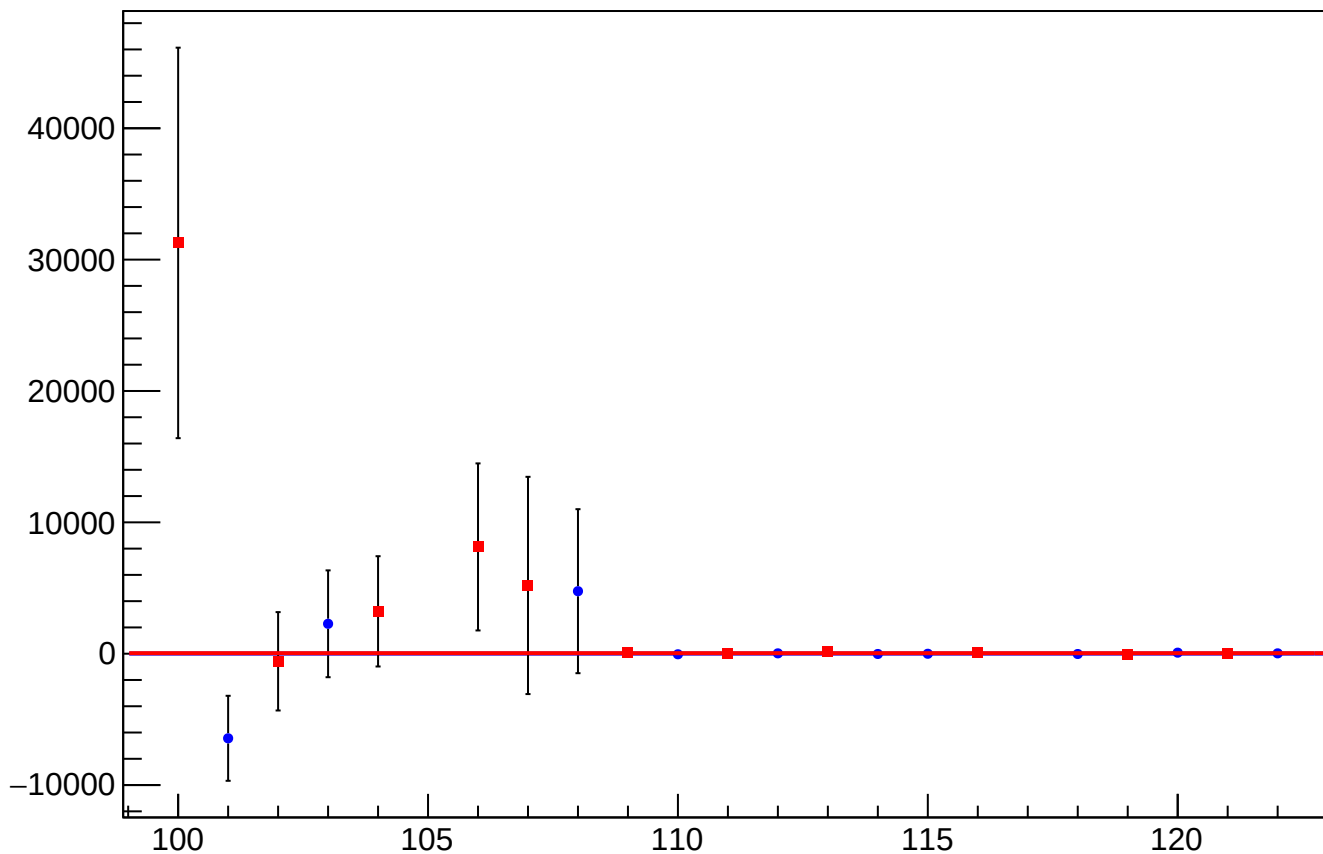
Right: 158.089+/-0.051 χ^2/NDF : 6975086.3/20

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

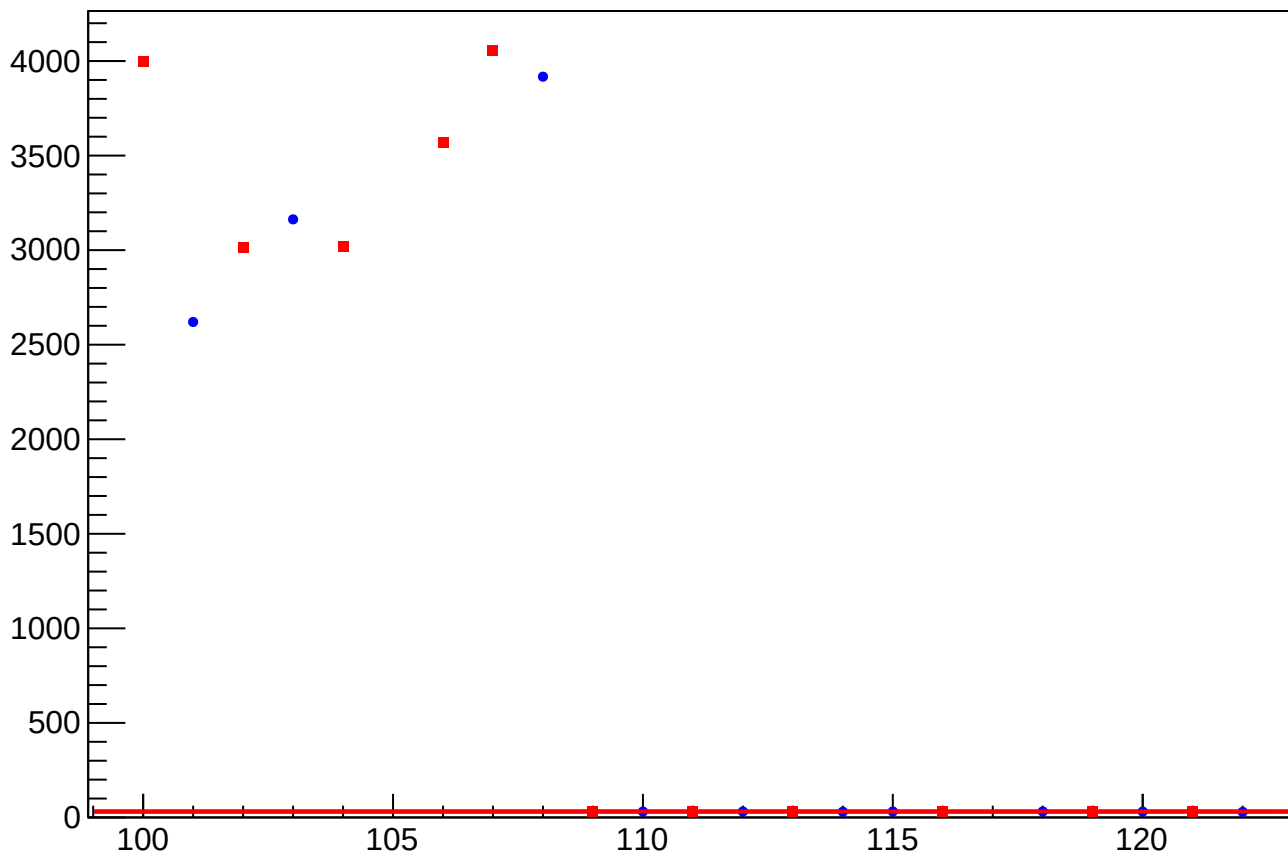
Right: 24.643+/-14.014 χ^2/NDF : 29.8/20

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

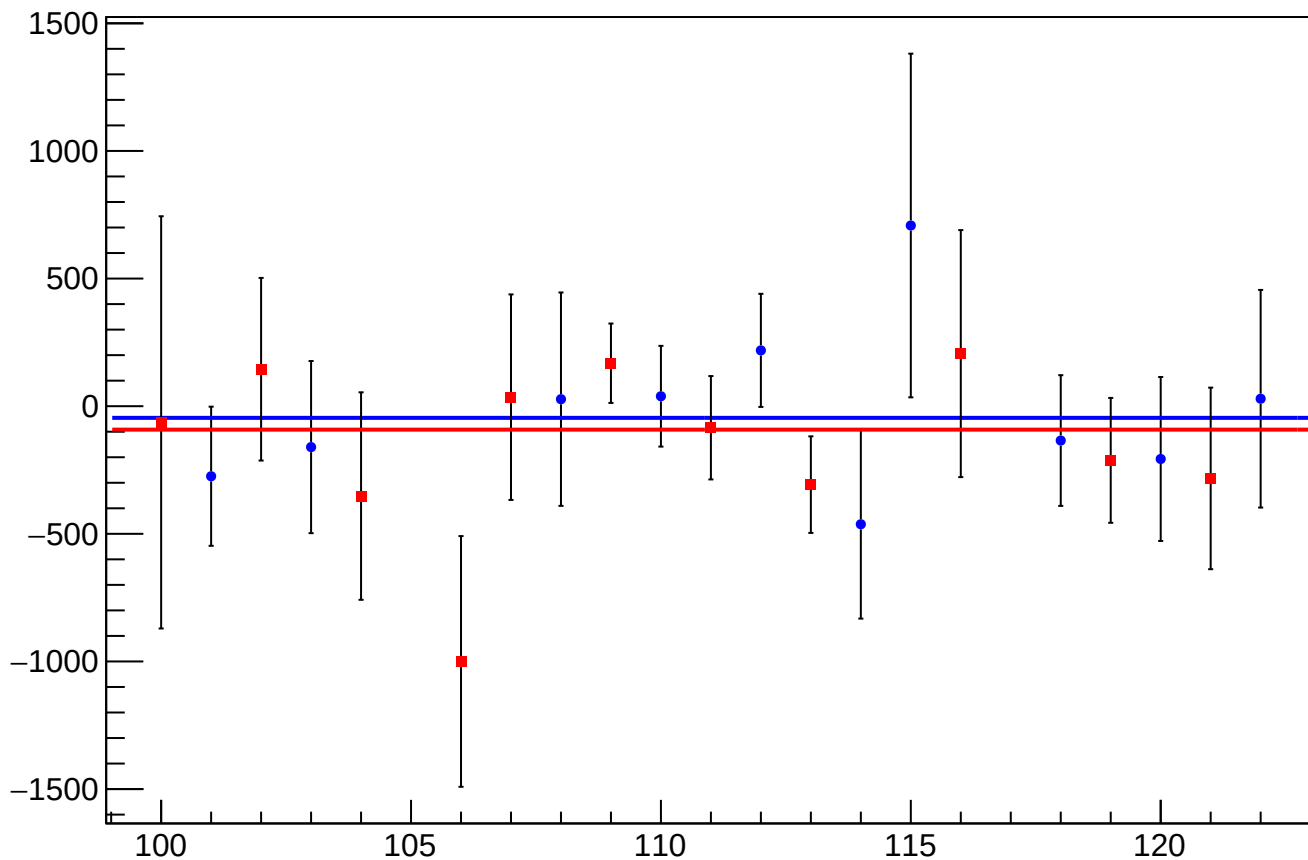
Right: 31.282+/-0.010 χ^2/NDF : 6774001.4/20

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

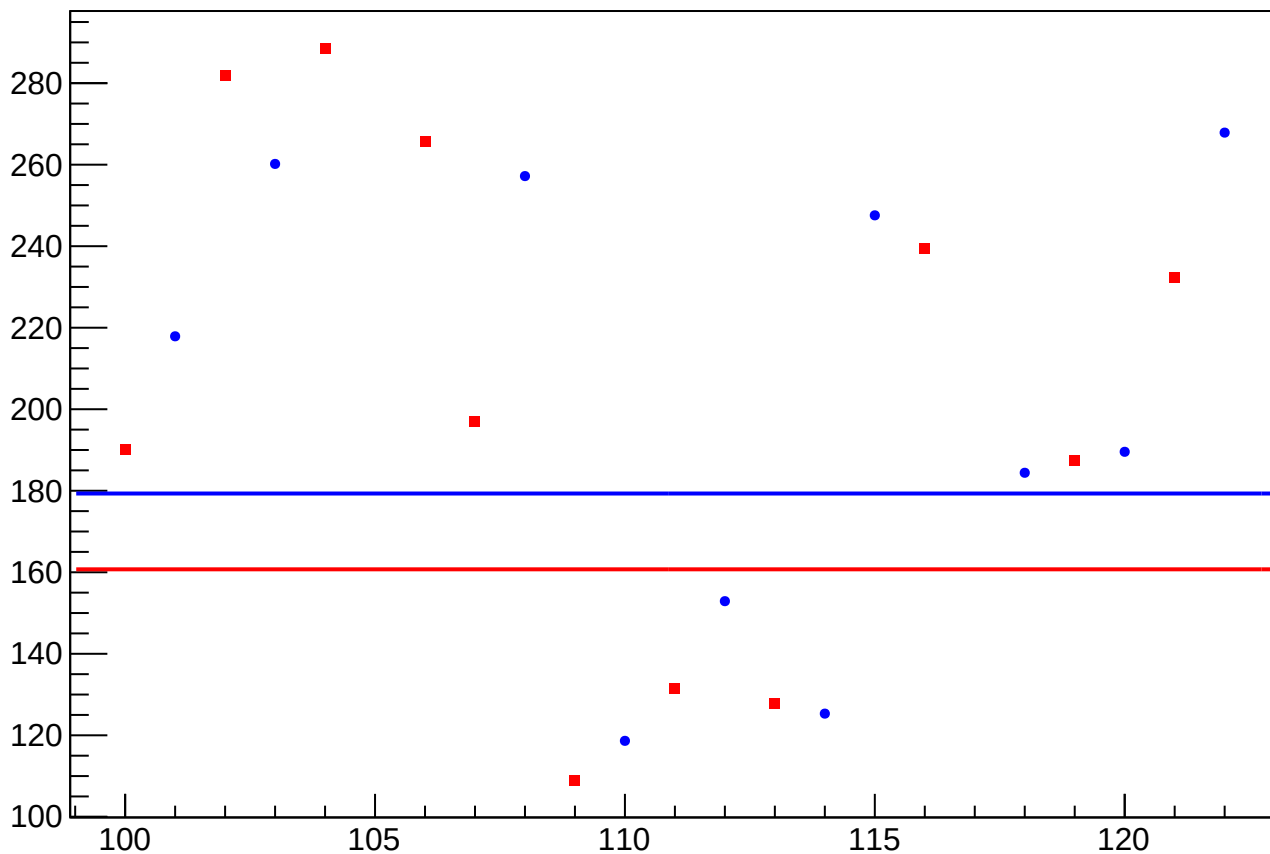
Right: -71.758+/-61.746 χ^2/NDF : 14.9/20

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

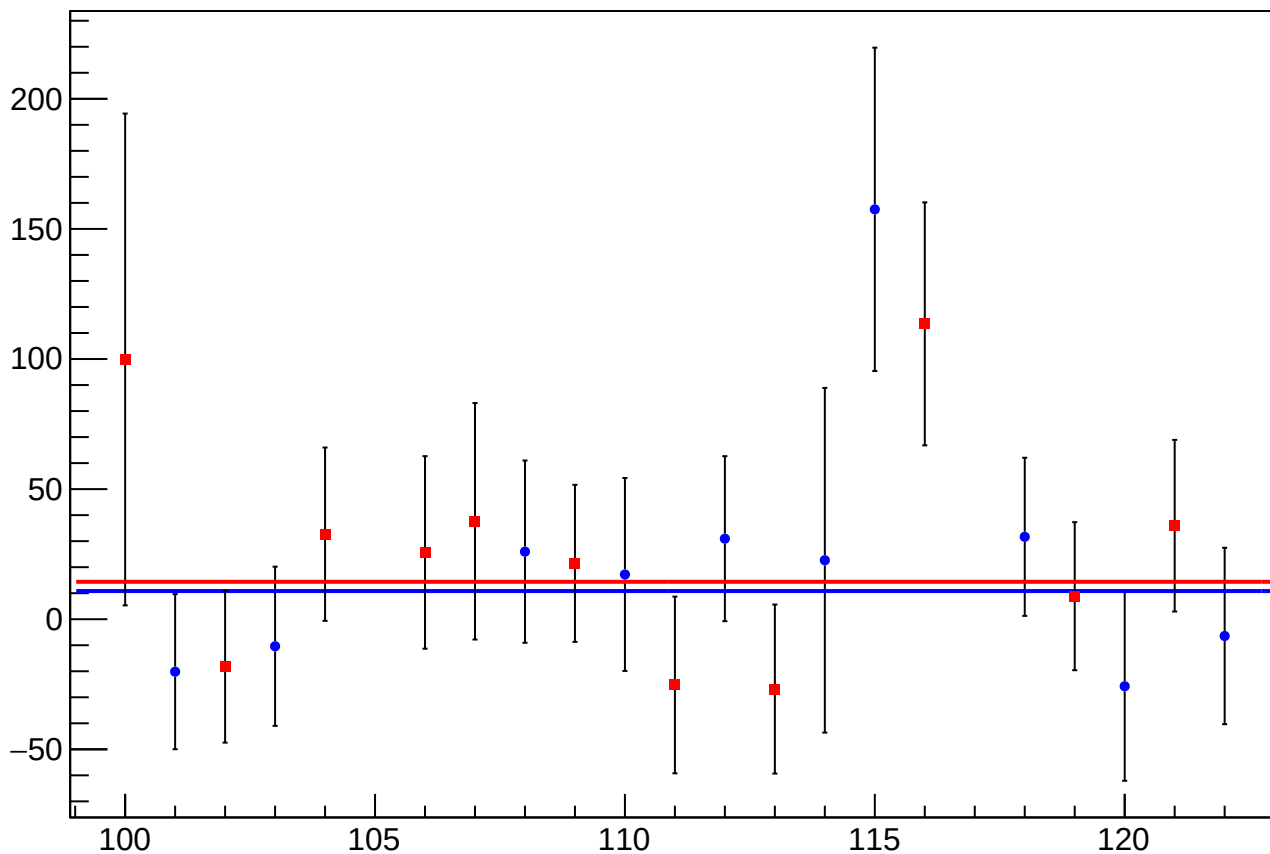
Right: 168.808+/-0.044 χ^2/NDF : 1656428.5/20

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

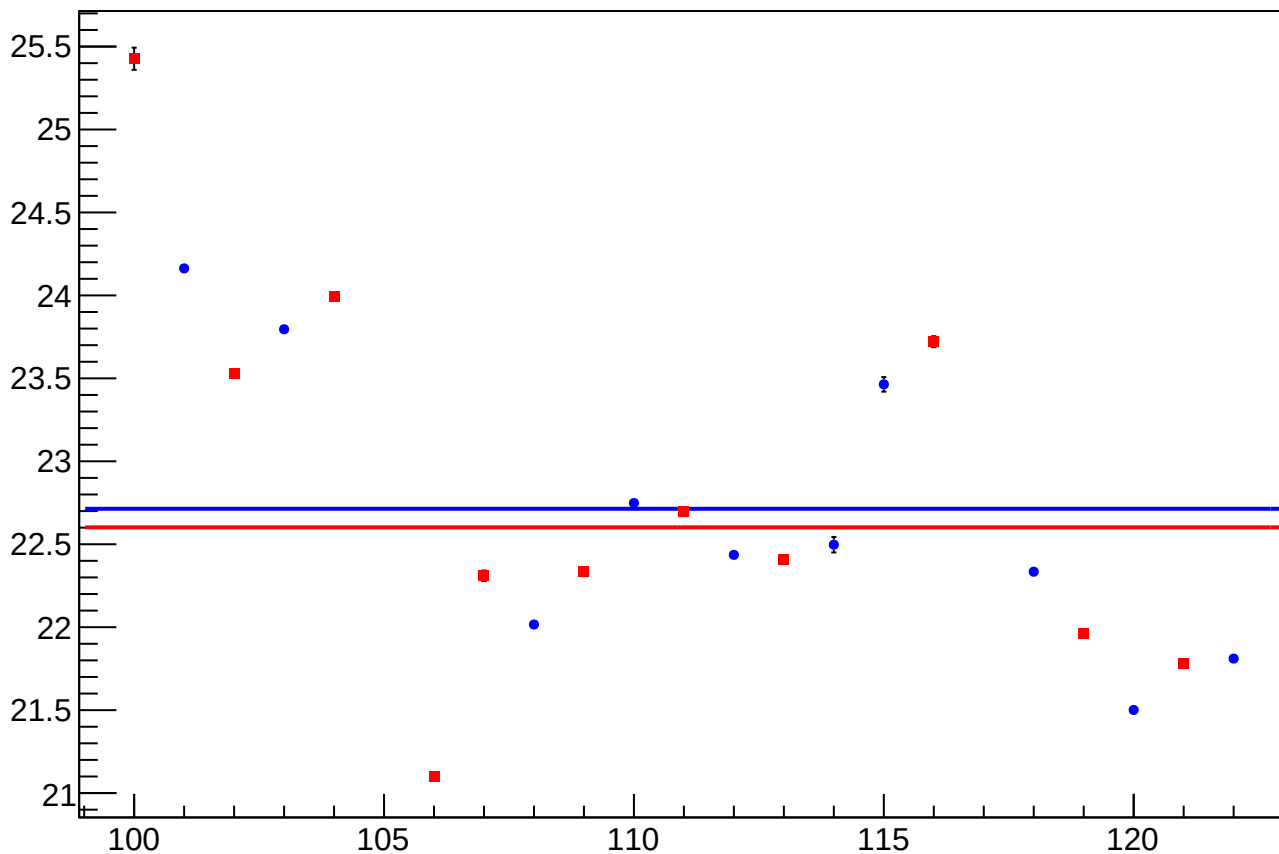
Right: 12.712+/-7.702 χ^2/NDF : 20.3/20

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

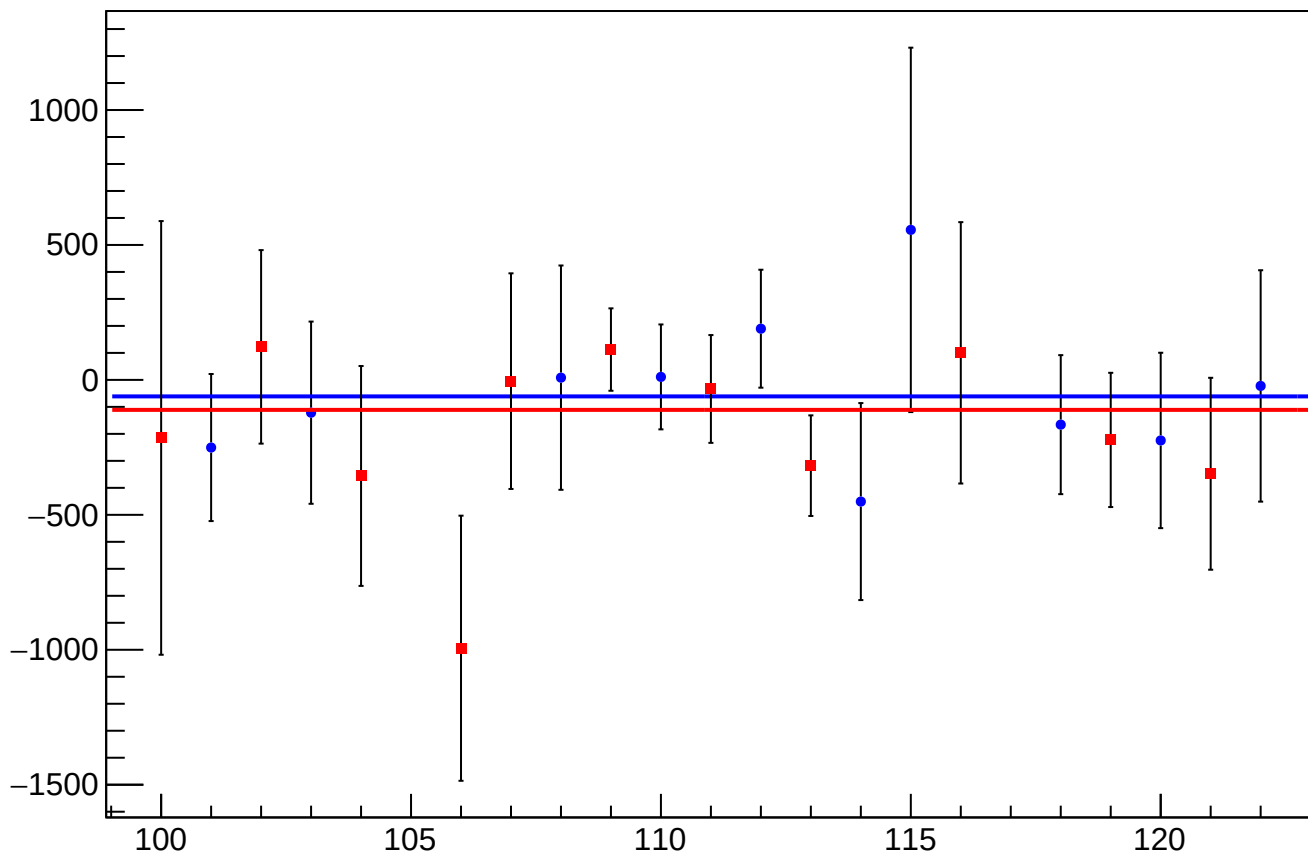
Right: 22.654+/-0.005 χ^2/NDF : 26862.3/20

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

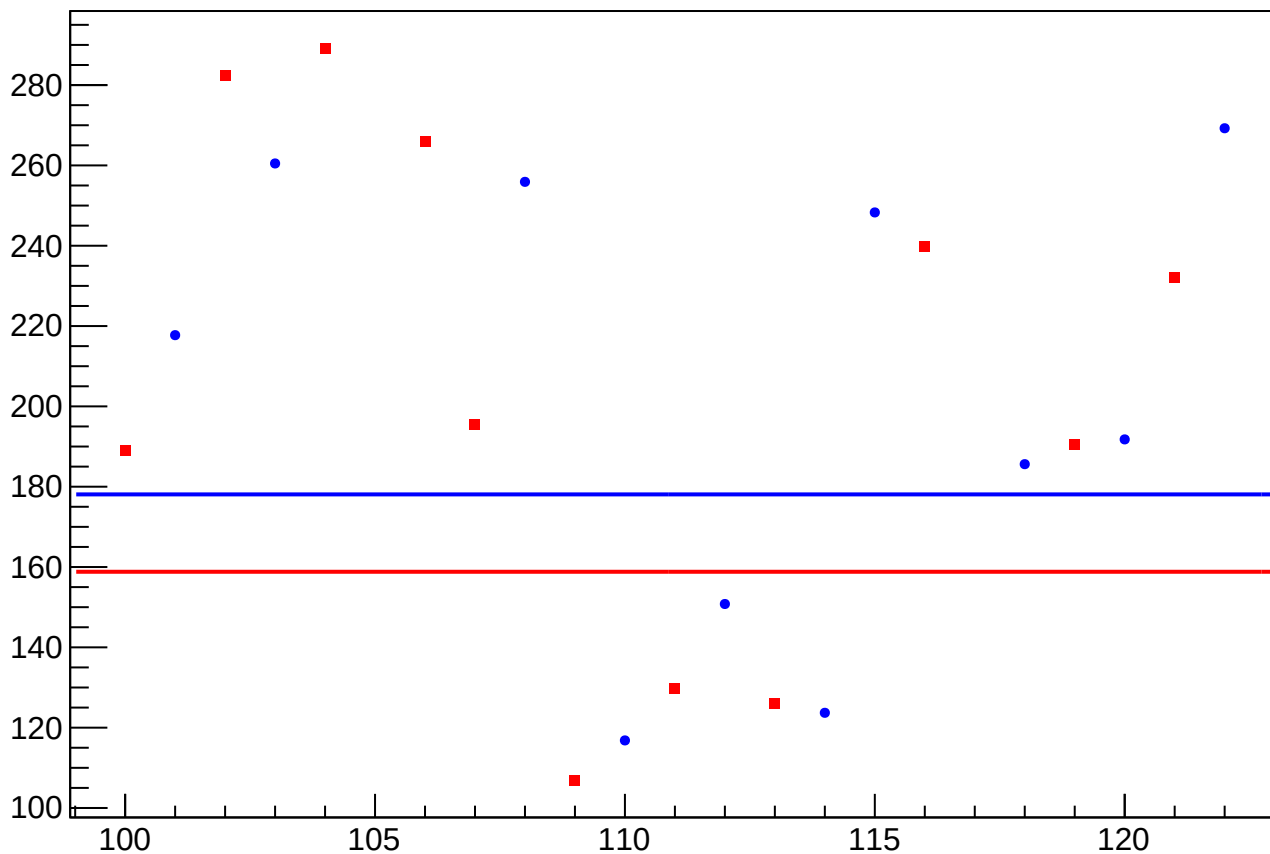
Right: -89.480+/-61.312 χ^2/NDF : 13.0/20

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

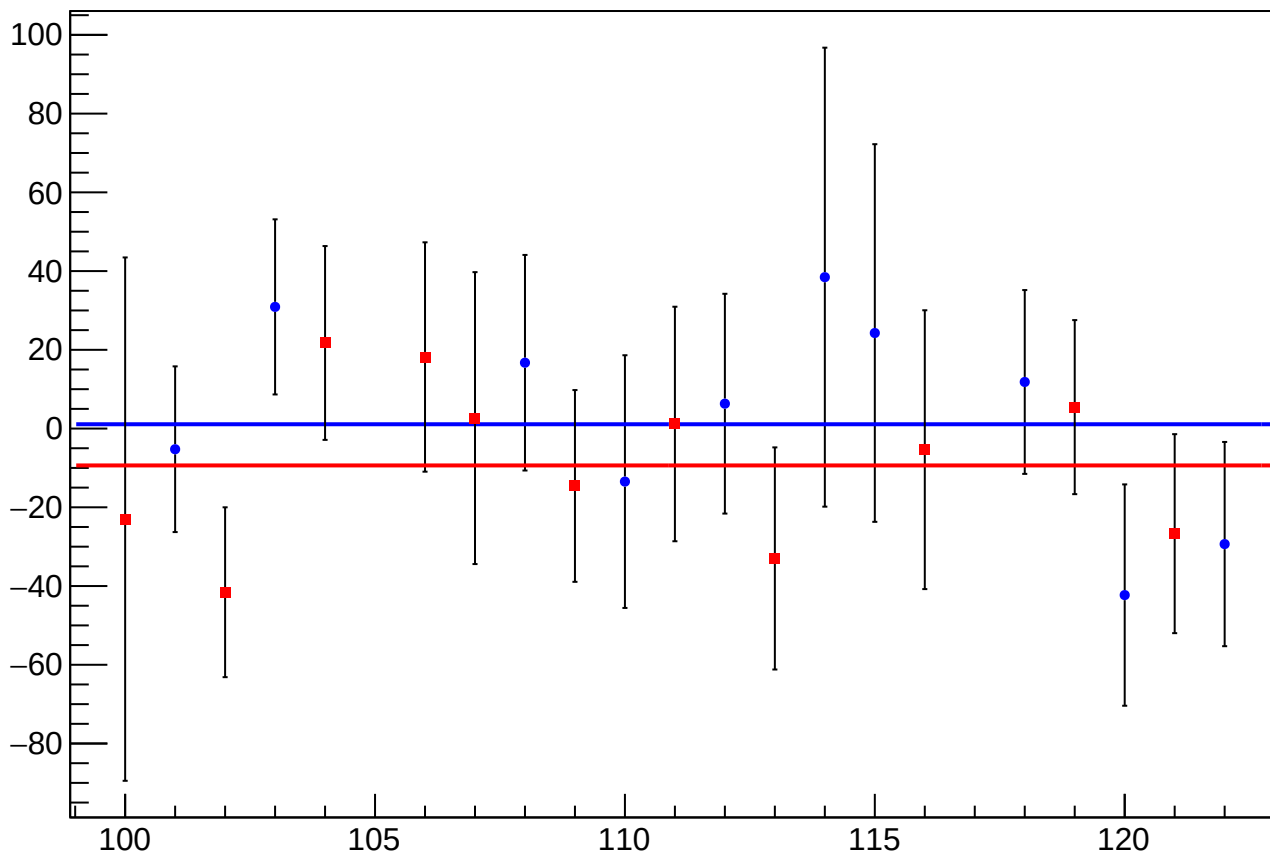
Right: 167.157+/-0.043 χ^2/NDF : 1737344.0/20

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

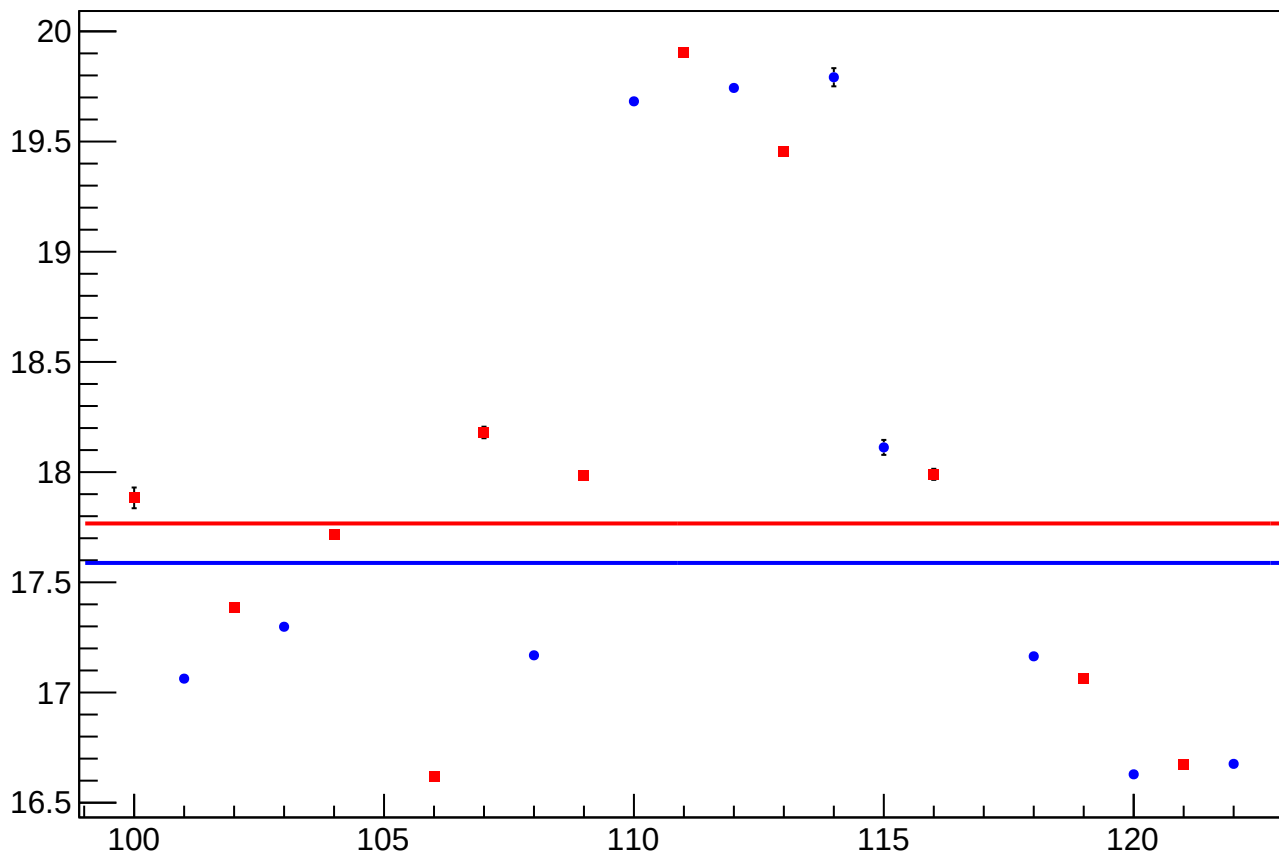
asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



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

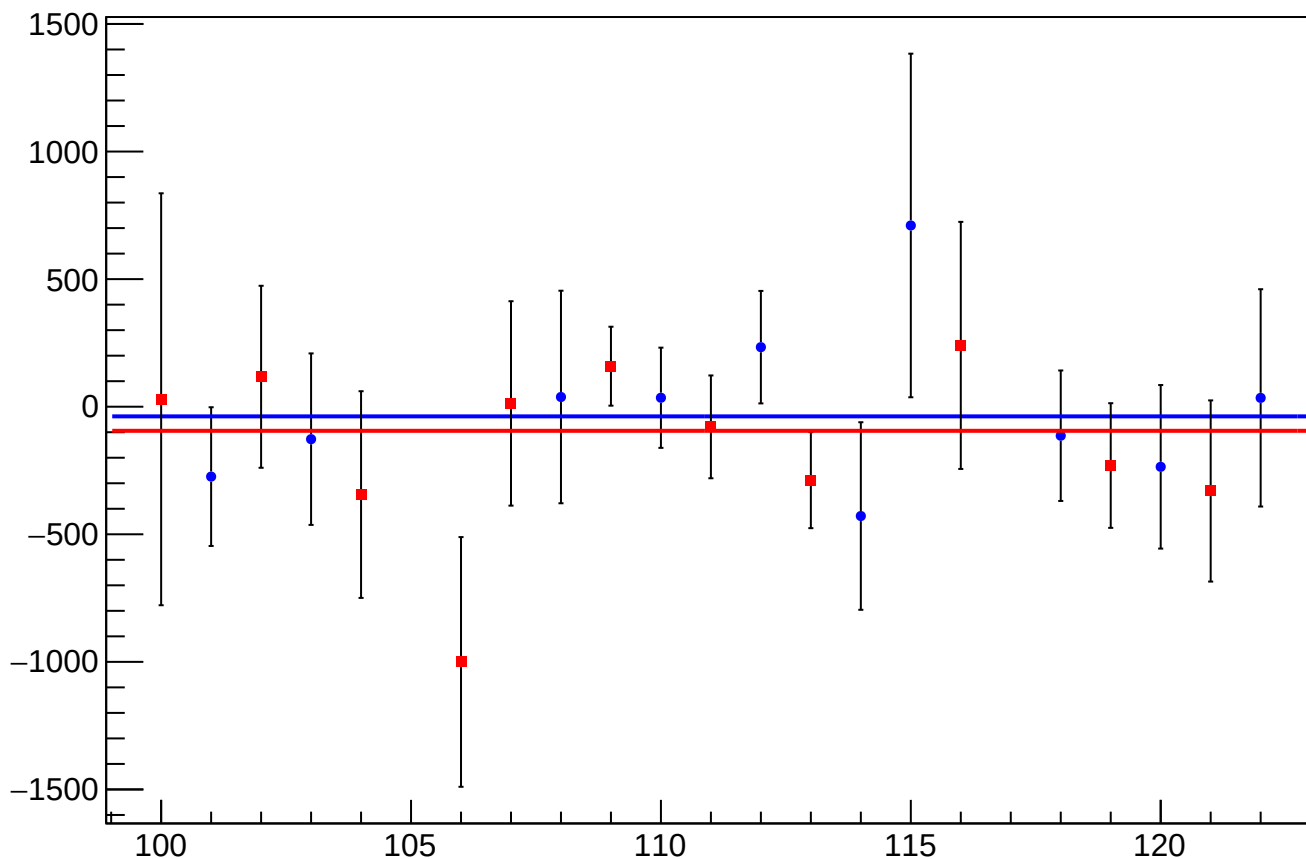
Right: 17.681+/-0.004 χ^2/NDF : 58946.6/20

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

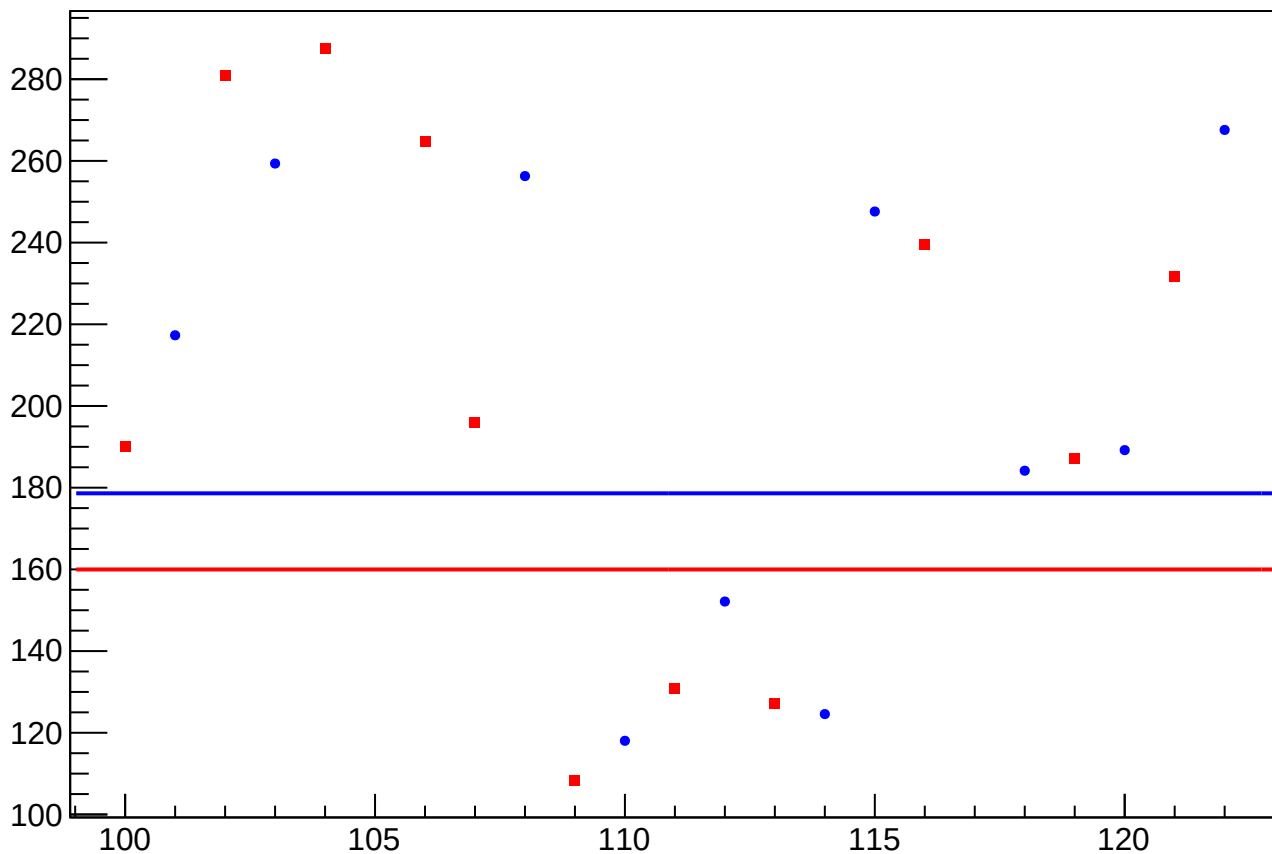
Right: -69.869 ± 61.504 χ^2/NDF : 14.8/20

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

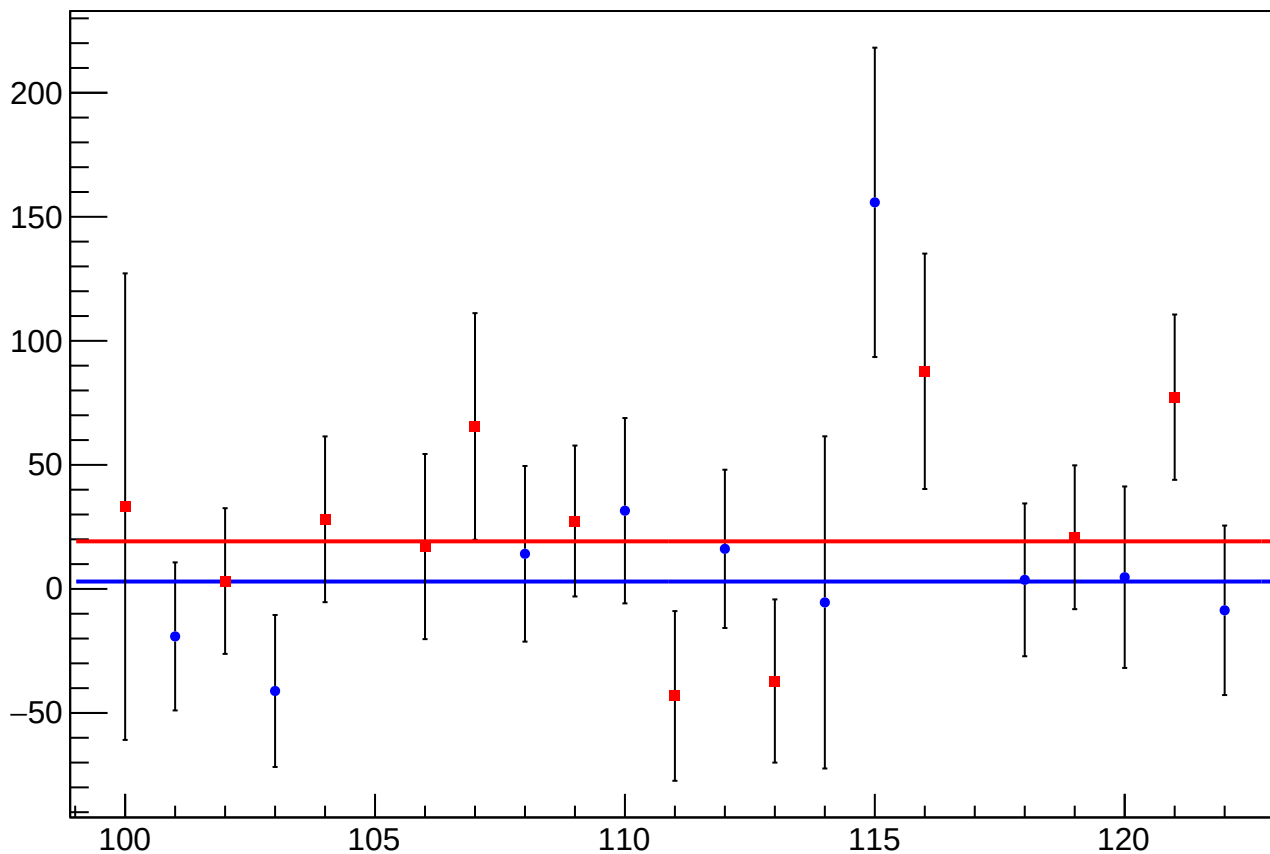
Right: 168.078+/-0.043 χ^2/NDF : 1668524.8/20

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

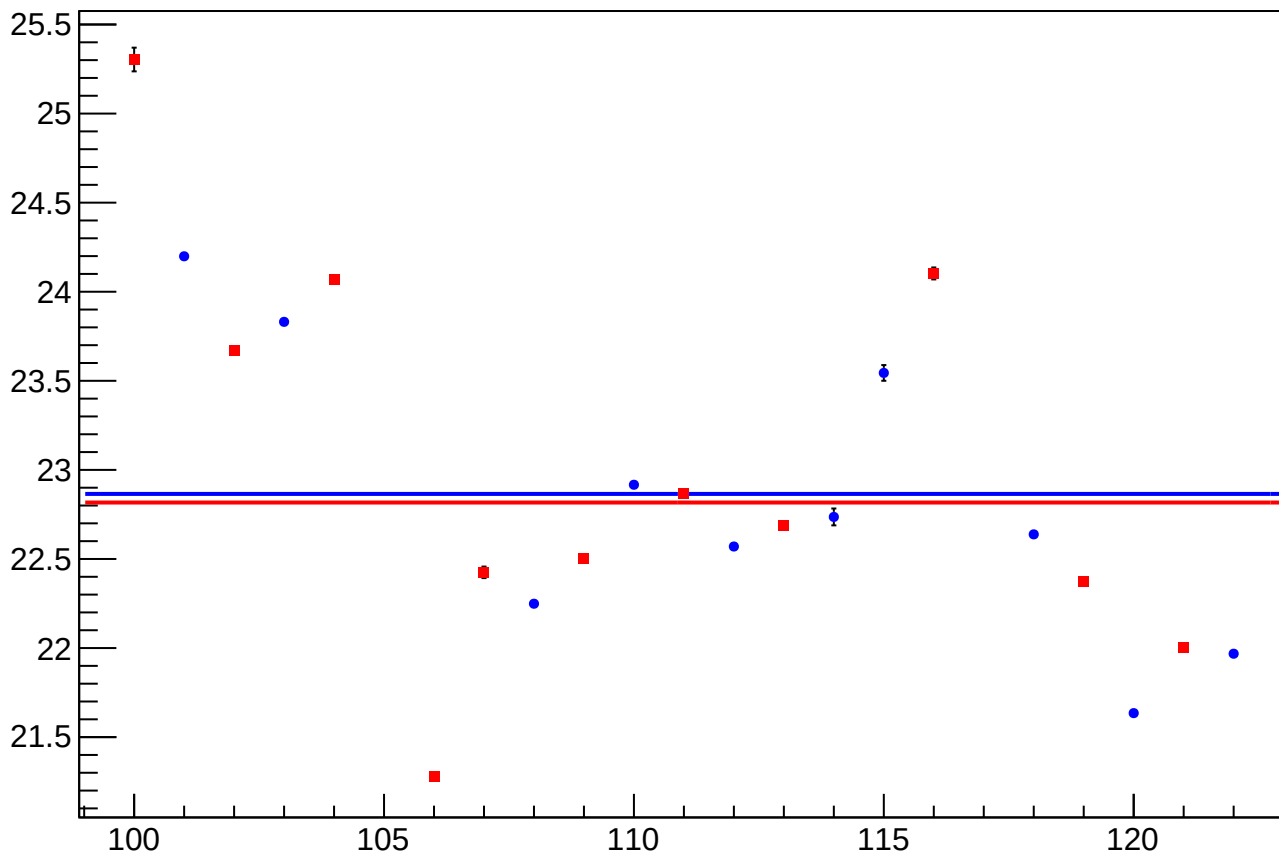
Right: 11.539+/-7.765 χ^2/NDF : 23.6/20

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

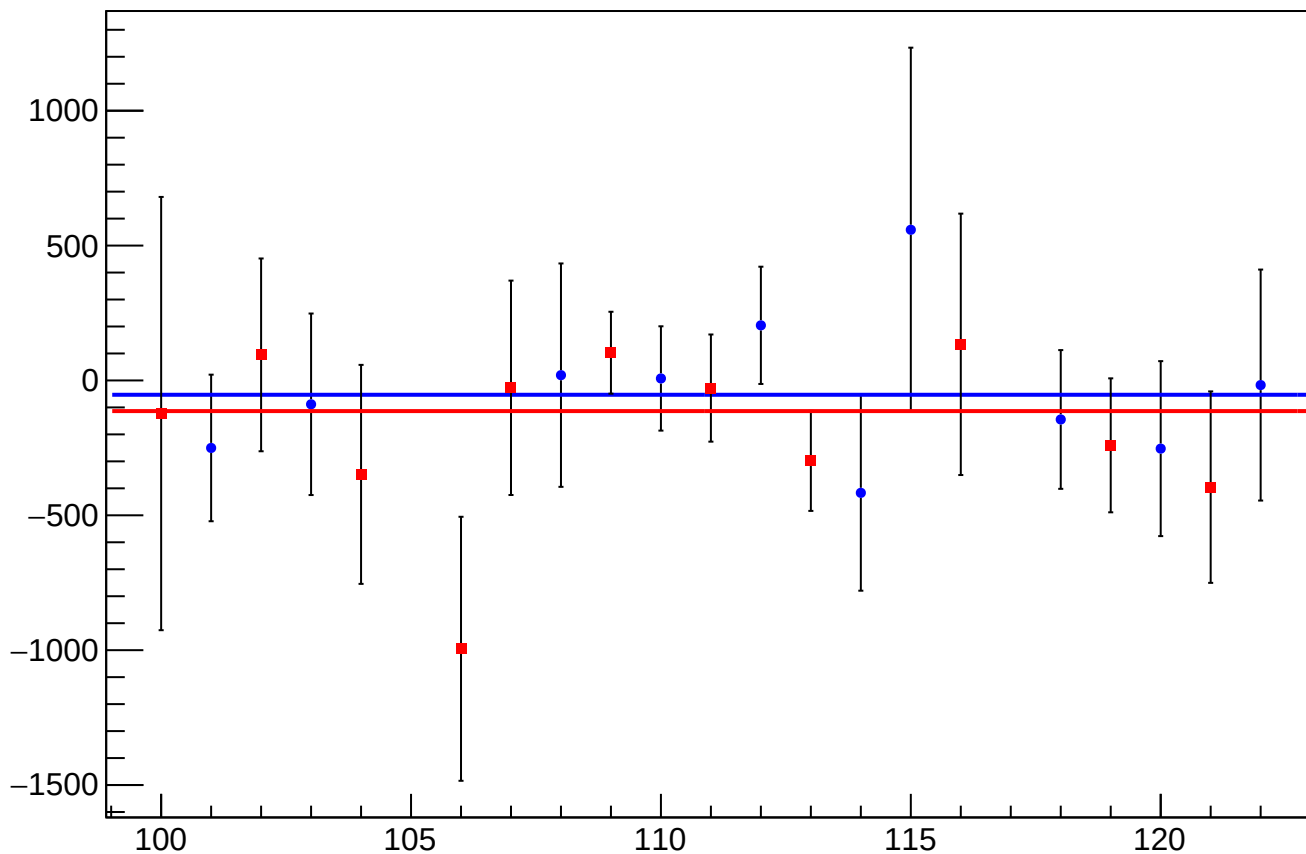
Right: 22.840+/-0.005 χ^2/NDF : 23577.4/20

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

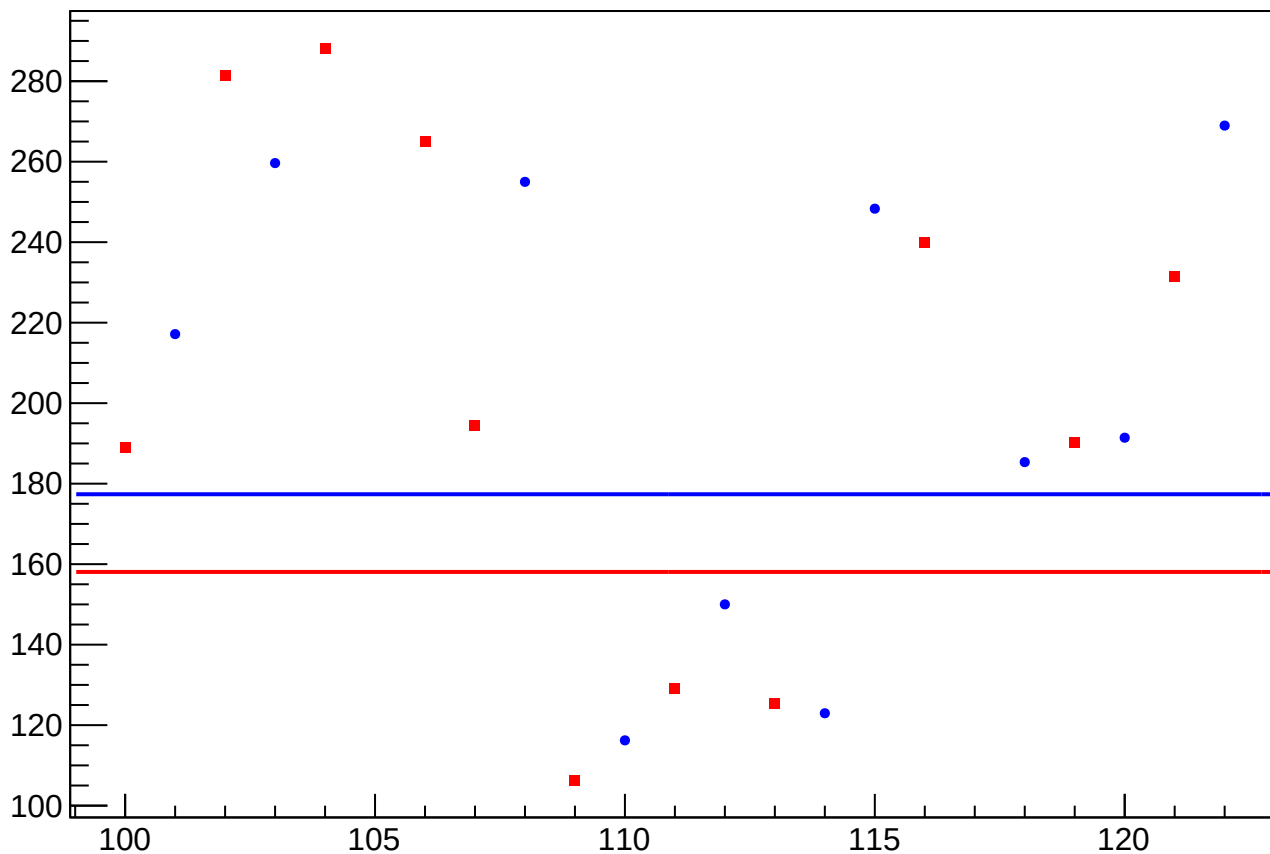
Right: -87.454+/-61.067 χ^2/NDF : 13.0/20

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

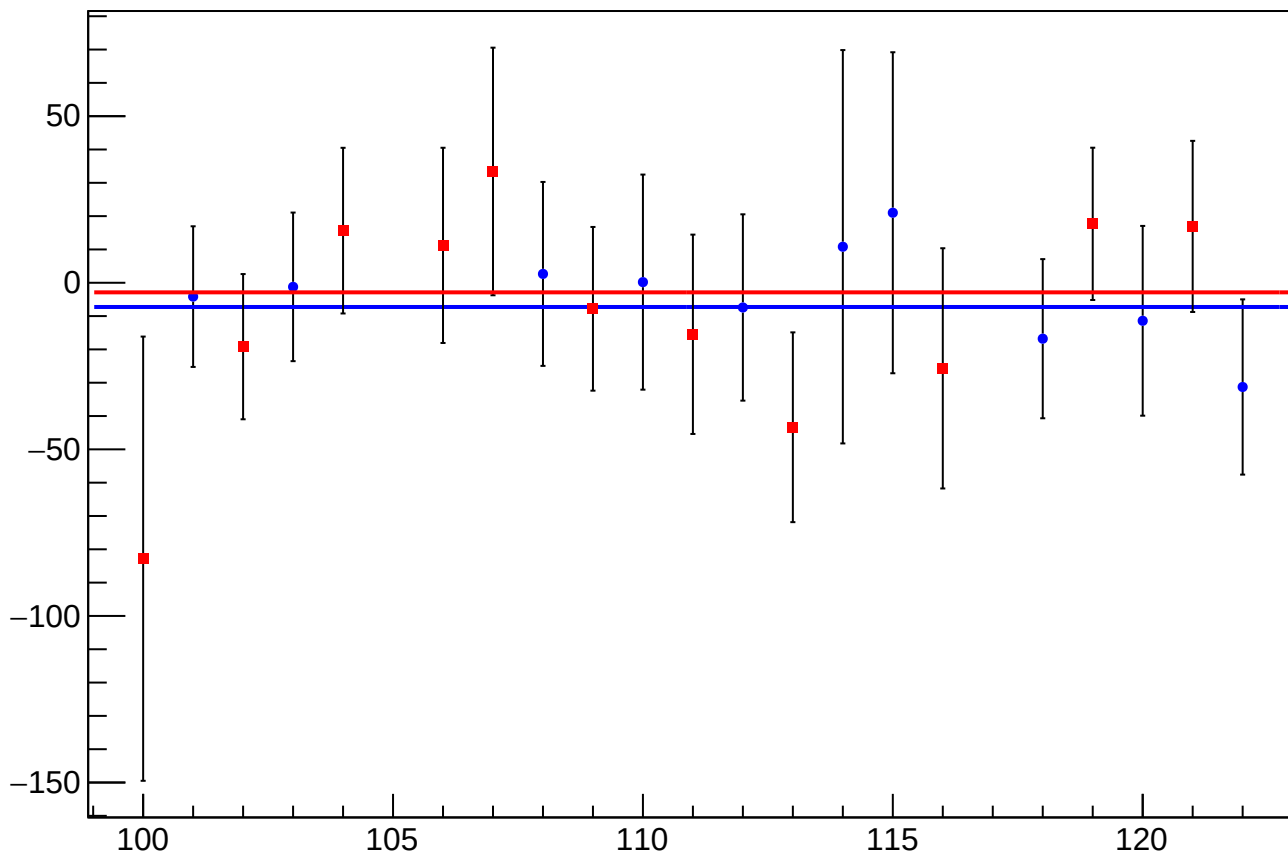
Right: 166.416+/-0.043 χ^2/NDF : 1750329.7/20

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

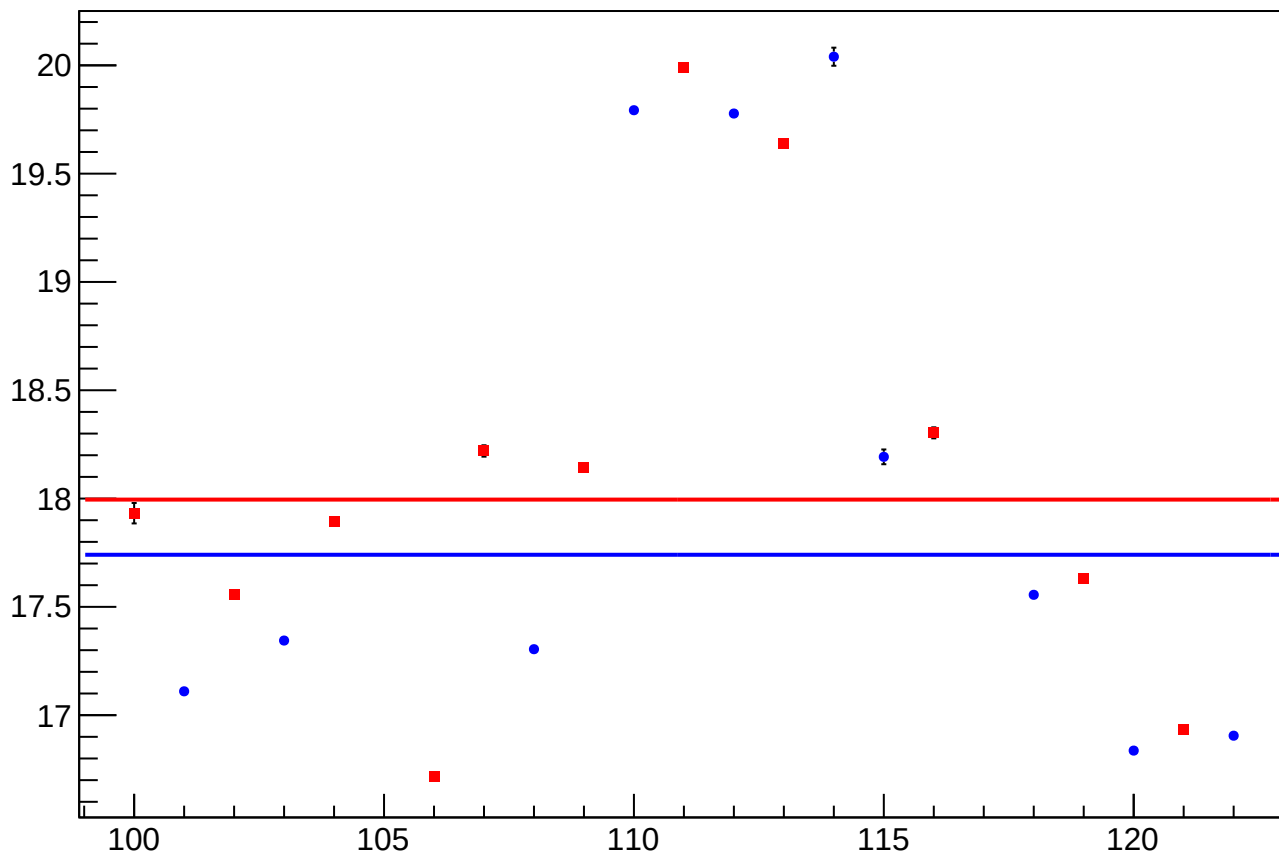
Right: -4.984+/-6.086 χ^2/NDF : 9.6/20

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

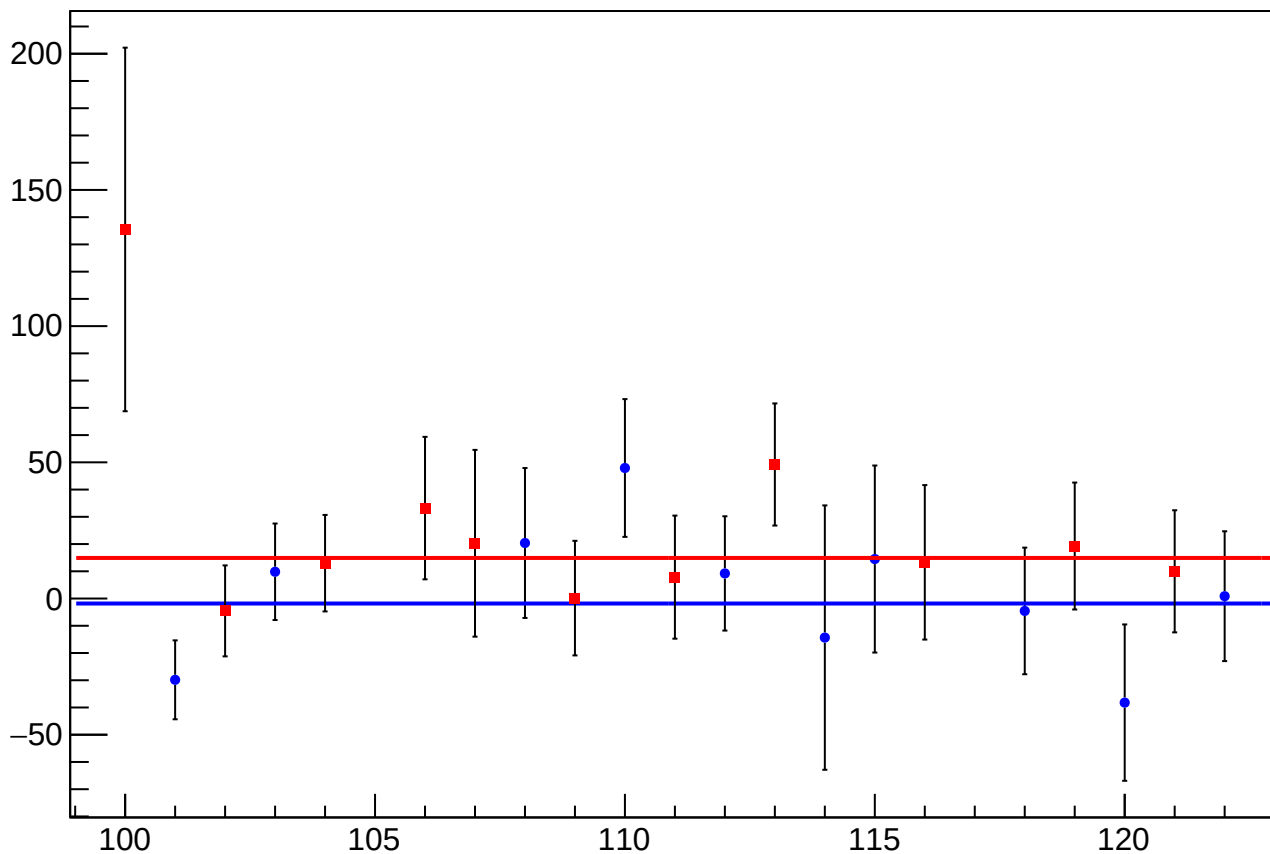
Right: 17.873+/-0.004 χ^2/NDF : 54263.6/20

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: 14.899+/-6.967 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

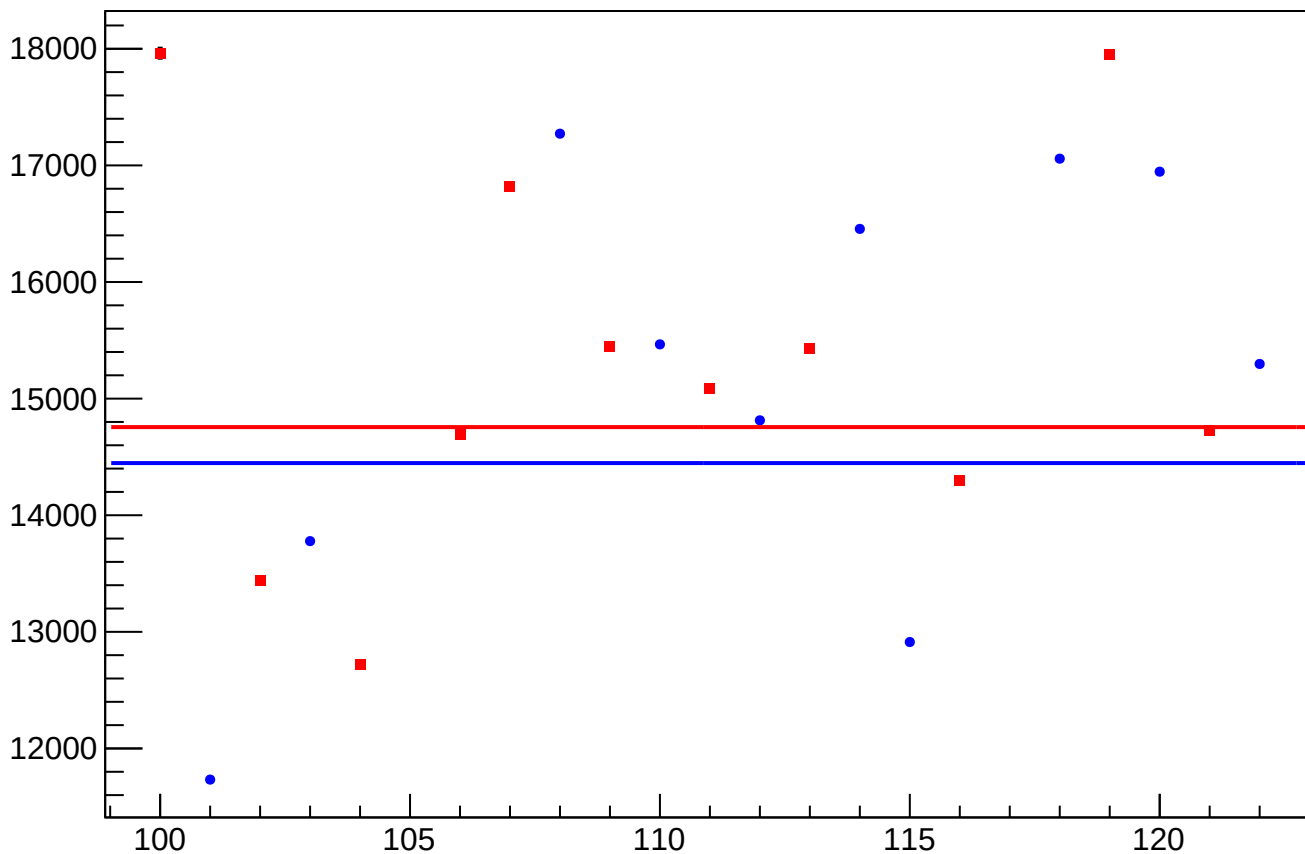
Right: 6.826+/-5.012 χ^2/NDF : 21.8/20

In: -1.833+/-7.215 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.826+/-5.012 χ^2/NDF : 21.8/20

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: 14755.757+/-4.927 χ^2/NDF : 93238.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

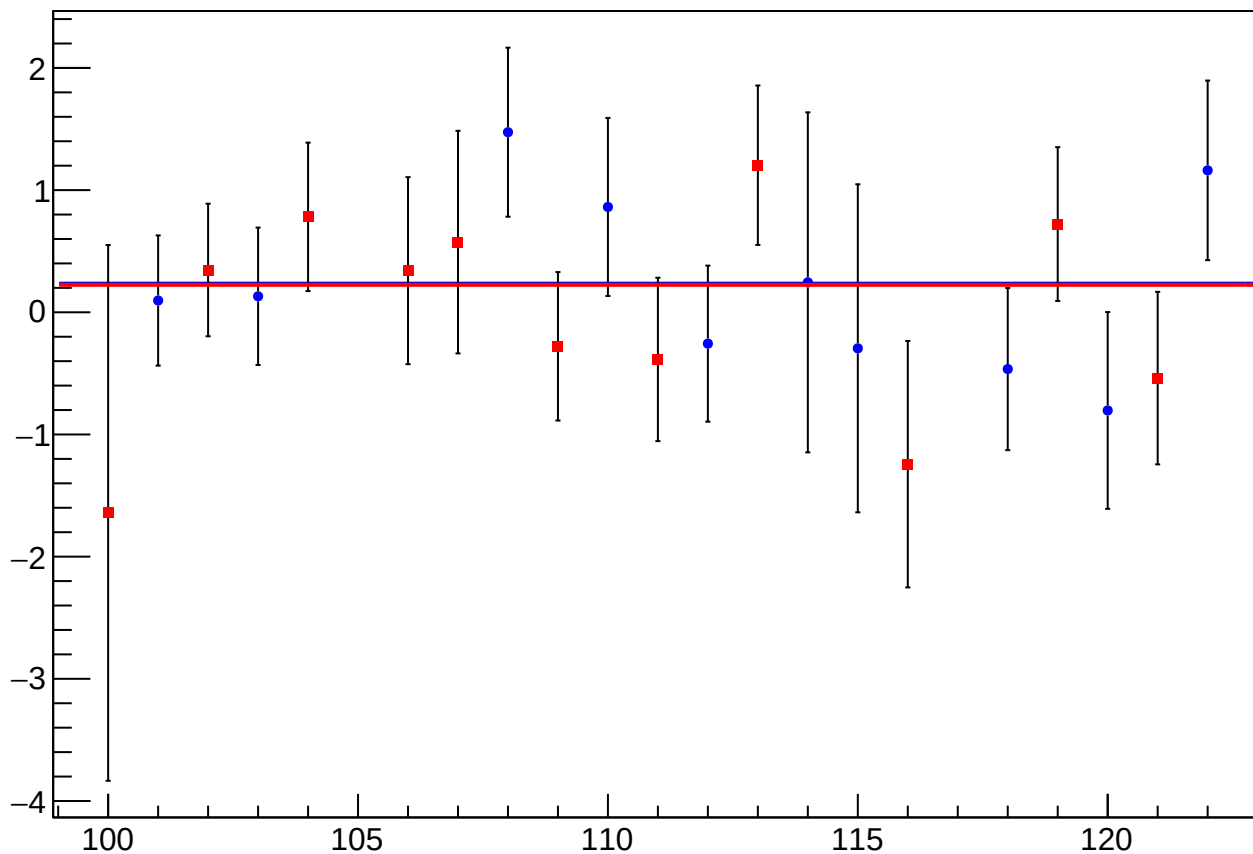
Right: 14606.964+/-3.544 χ^2/NDF : 243489.3/20

In: 14447.389+/-5.102 χ^2/NDF : 148360.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14606.964+/-3.544 χ^2/NDF : 243489.3/20

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: 0.225+/-0.213 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

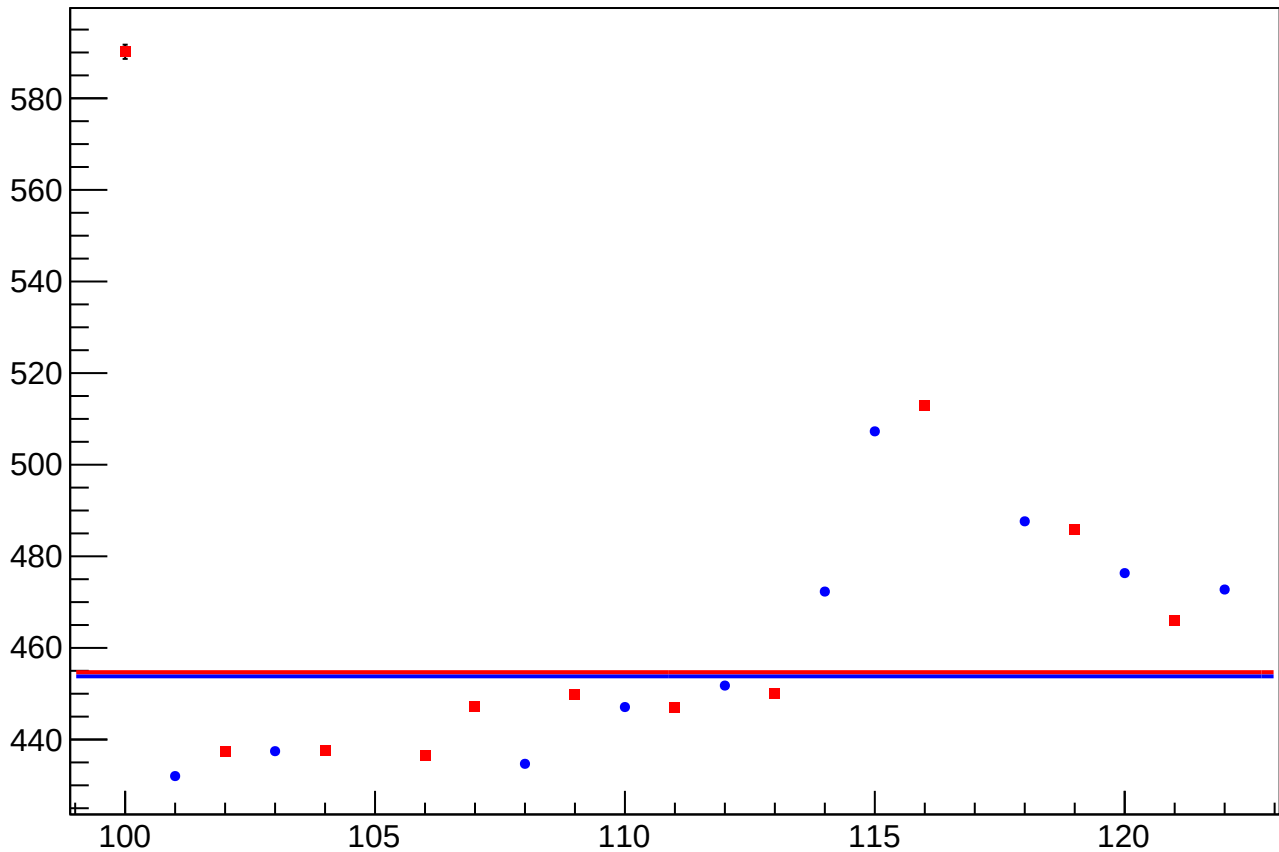
Right: 0.229+/-0.155 χ^2/NDF : 18.6/20

In: 0.234+/-0.224 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.229+/-0.155 χ^2/NDF : 18.6/20

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: 454.703+/-0.151 χ^2/NDF : 25013.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

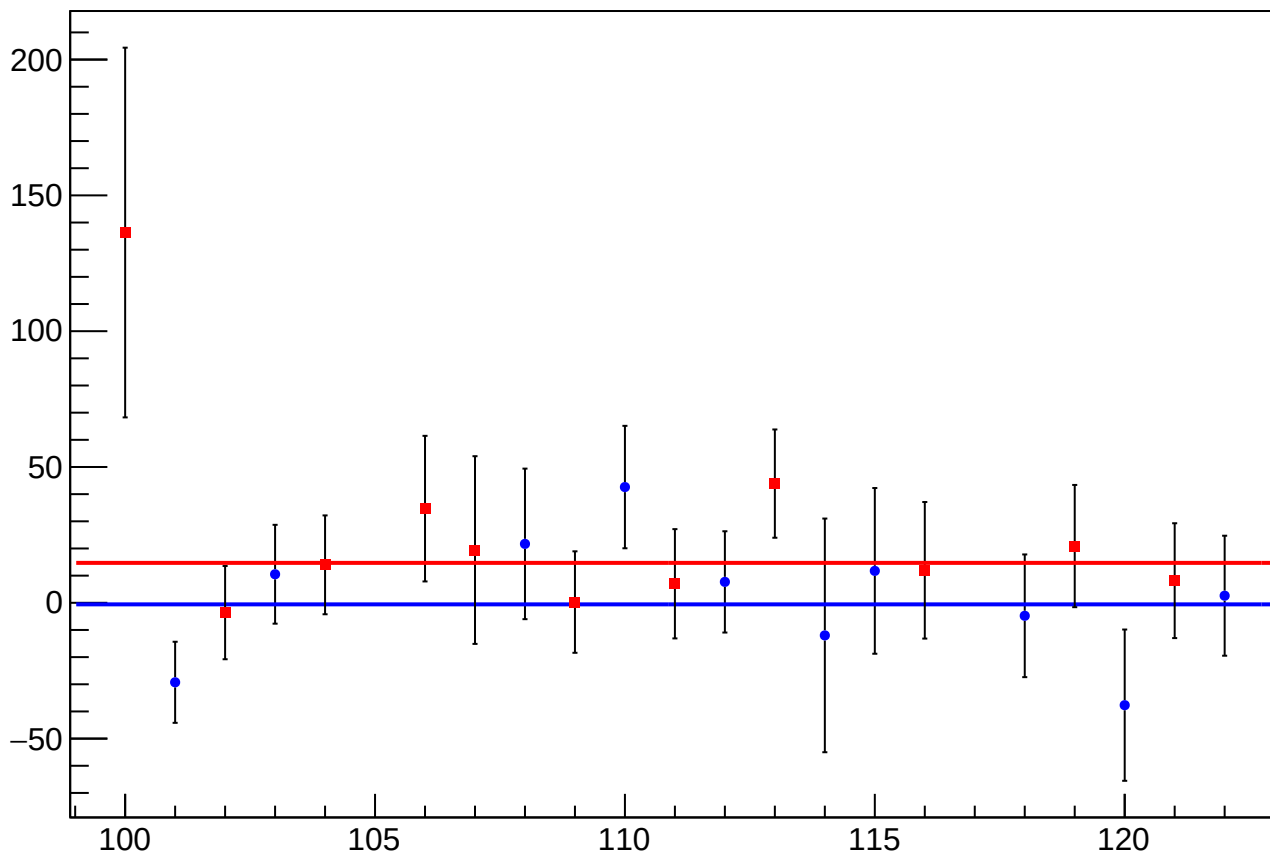
Right: 454.274+/-0.109 χ^2/NDF : 43397.5/20

In: 453.799+/-0.159 χ^2/NDF : 18366.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.274+/-0.109 χ^2/NDF : 43397.5/20

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: 14.699 ± 6.665 χ^2/NDF : 8.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

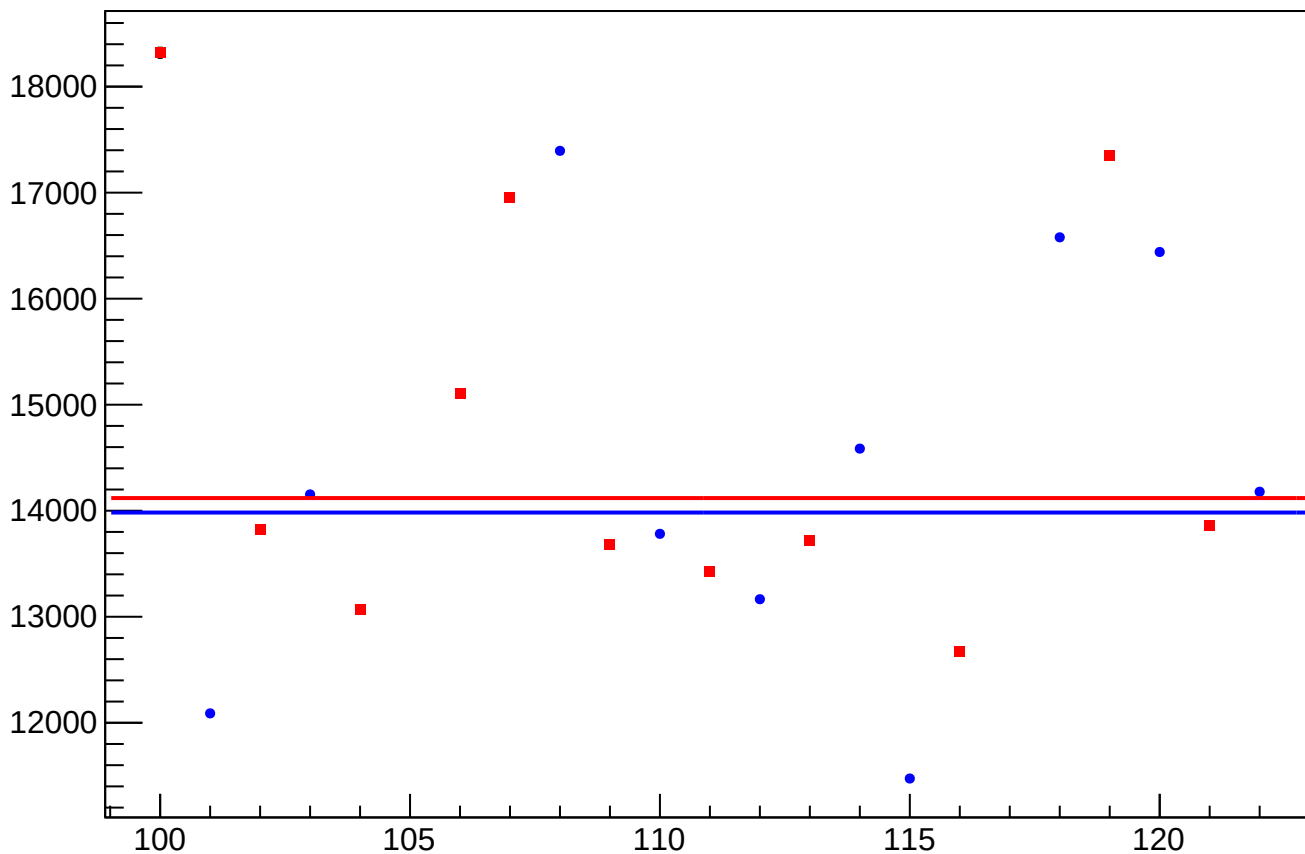
Right: 7.406 ± 4.818 χ^2/NDF : 21.1/20

In: -0.575 ± 6.972 χ^2/NDF : 10.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.406 ± 4.818 χ^2/NDF : 21.1/20

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: 14119.364+/-4.713 χ^2/NDF : 83410.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

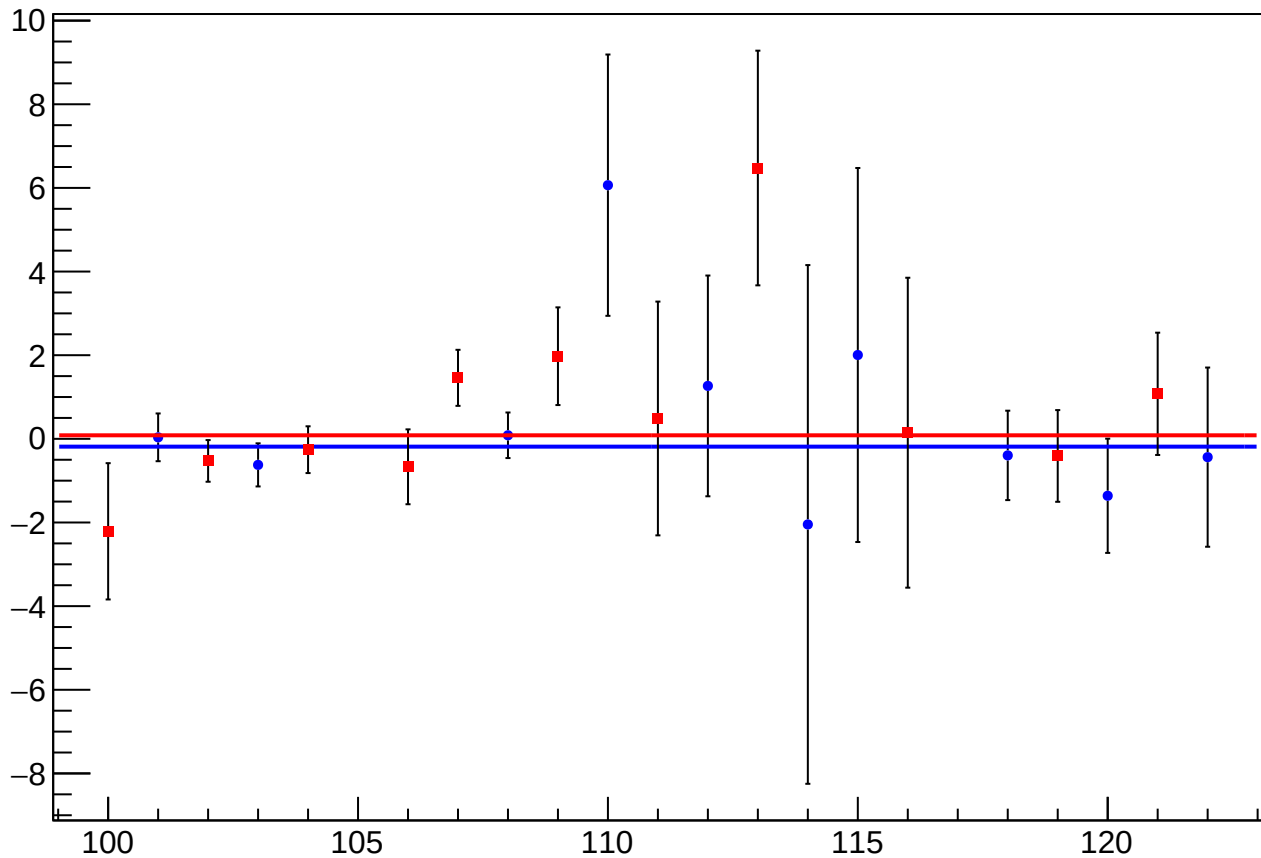
Right: 14054.169+/-3.407 χ^2/NDF : 206573.7/20

In: 13982.827+/-4.930 χ^2/NDF : 122762.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14054.169+/-3.407 χ^2/NDF : 206573.7/20

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: 0.085 ± 0.273 χ^2/NDF : 17.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

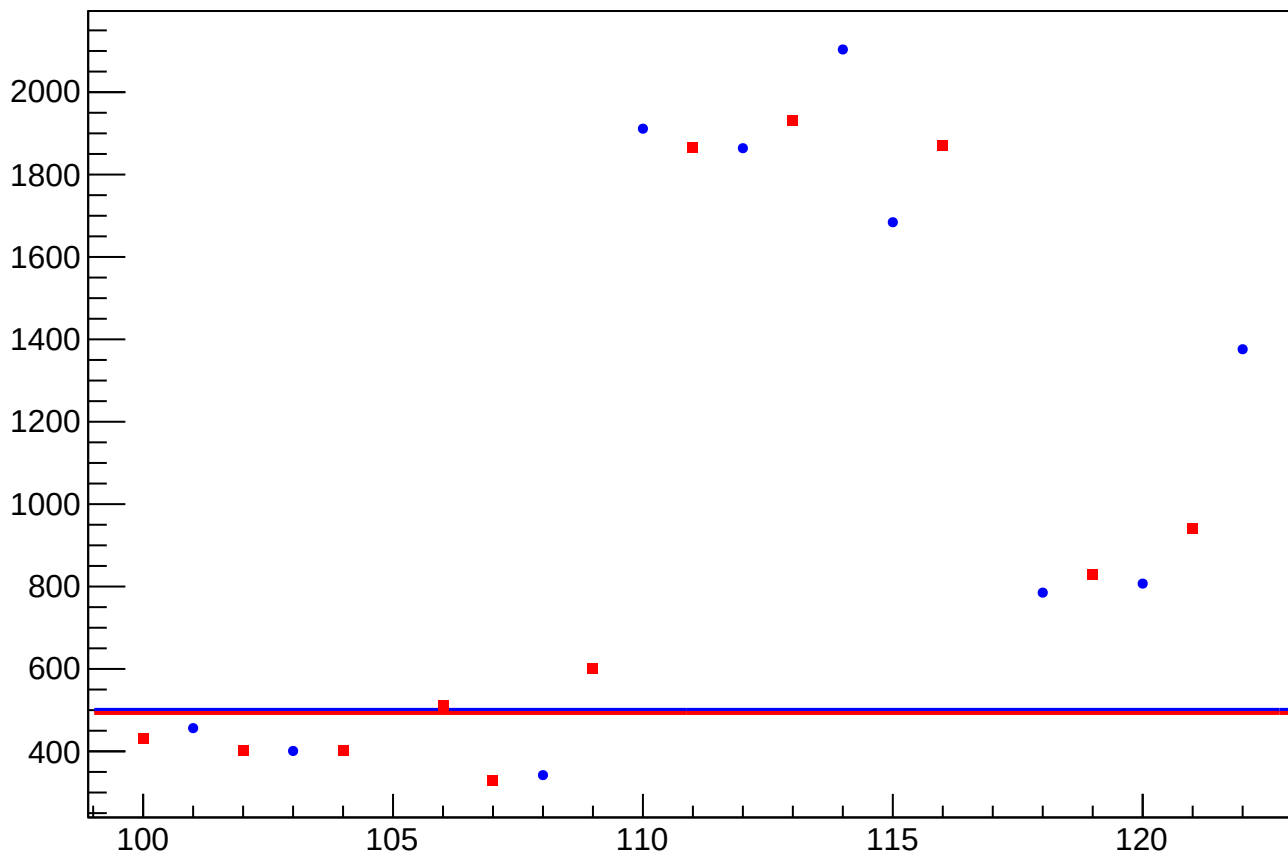
Right: -0.044 ± 0.198 χ^2/NDF : 24.3/20

In: -0.186 ± 0.287 χ^2/NDF : 6.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.044 ± 0.198 χ^2/NDF : 24.3/20

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: 493.211+/-0.193 χ^2/NDF : 1924709.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

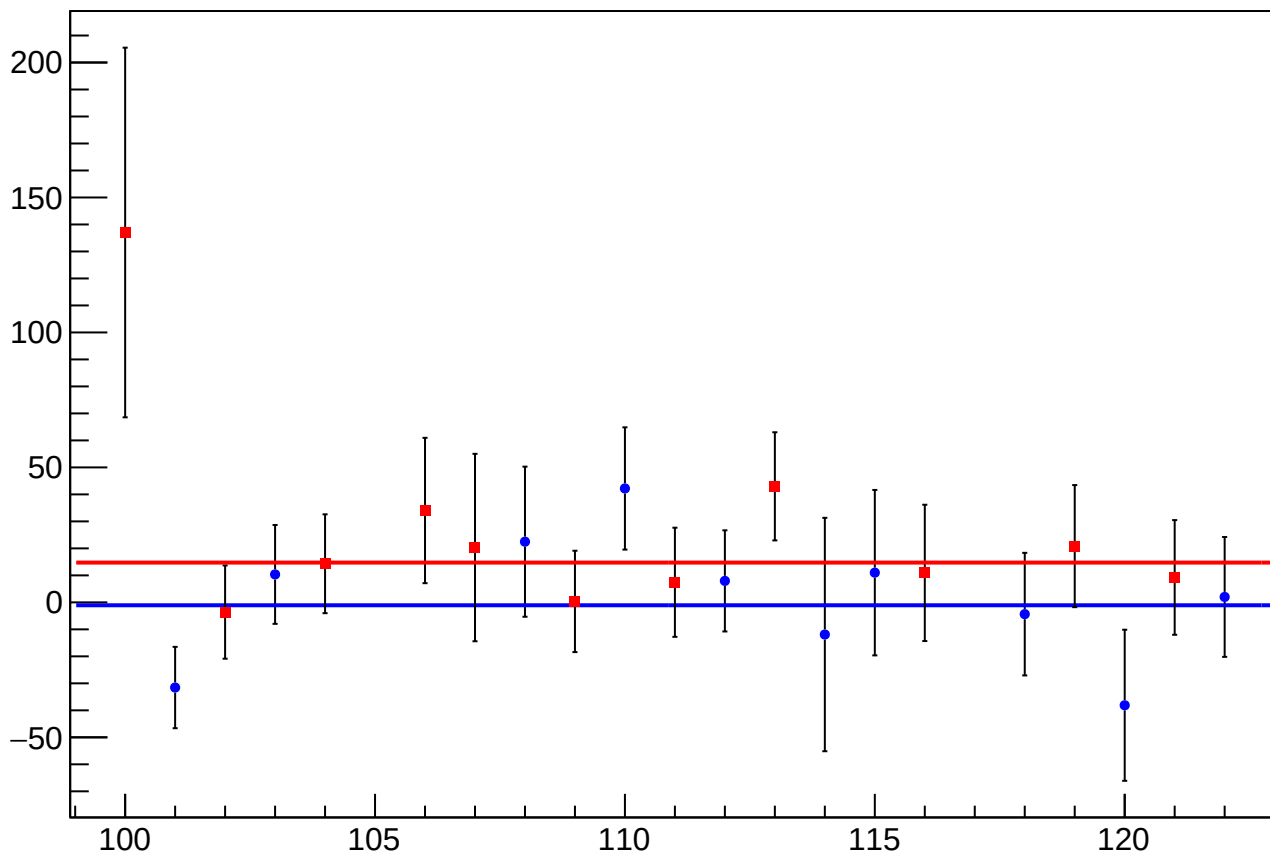
Right: 496.742+/-0.140 χ^2/NDF : 3973127.5/20

In: 500.645+/-0.203 χ^2/NDF :2047712.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 496.742+/-0.140 χ^2/NDF : 3973127.5/20

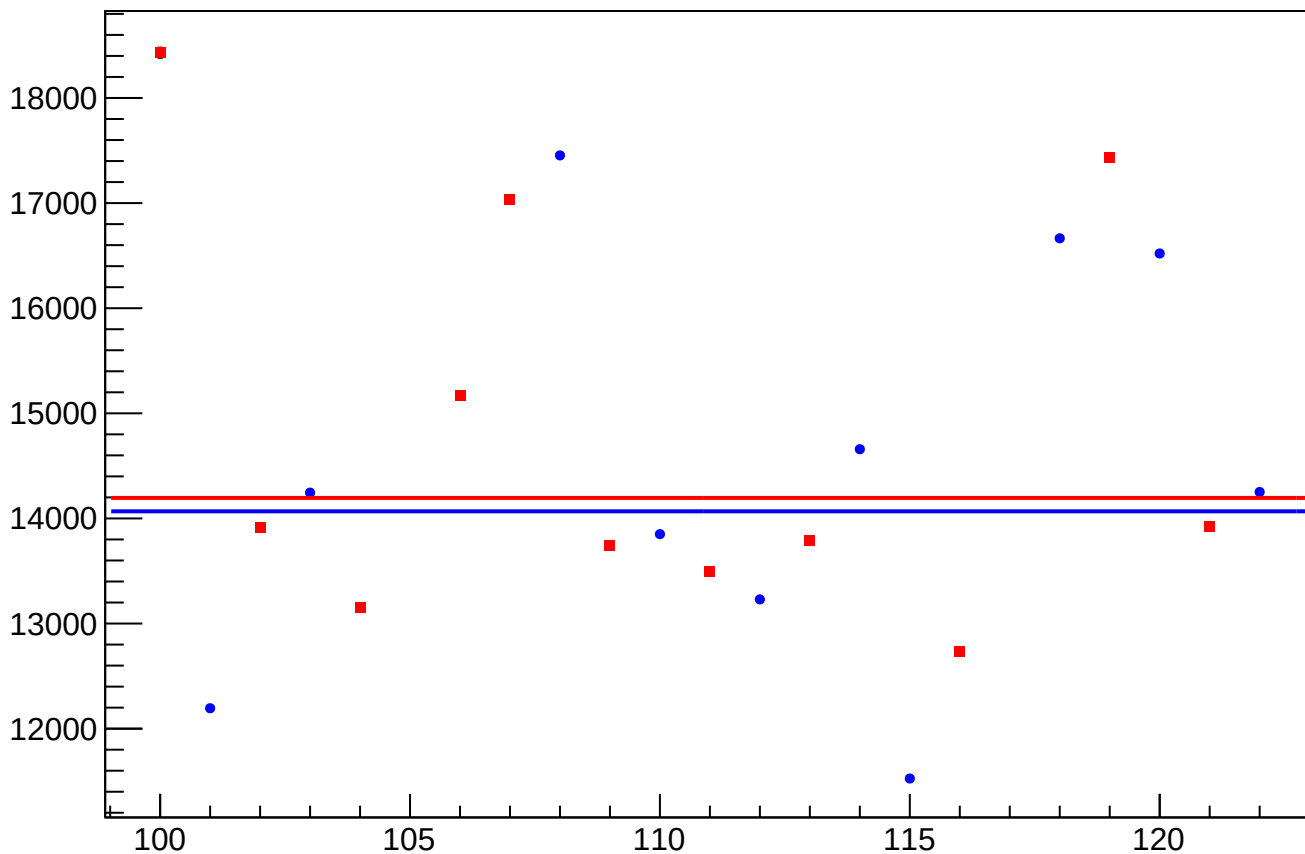
diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



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: 14.741 ± 6.701 χ^2/NDF : 7.7/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: 7.195 ± 4.845 χ^2/NDF : 21.5/20
 In: -1.074 ± 7.015 χ^2/NDF : 11.1/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 7.195 ± 4.845 χ^2/NDF : 21.5/20

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: 14195.171+/-4.738 χ^2/NDF : 83104.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

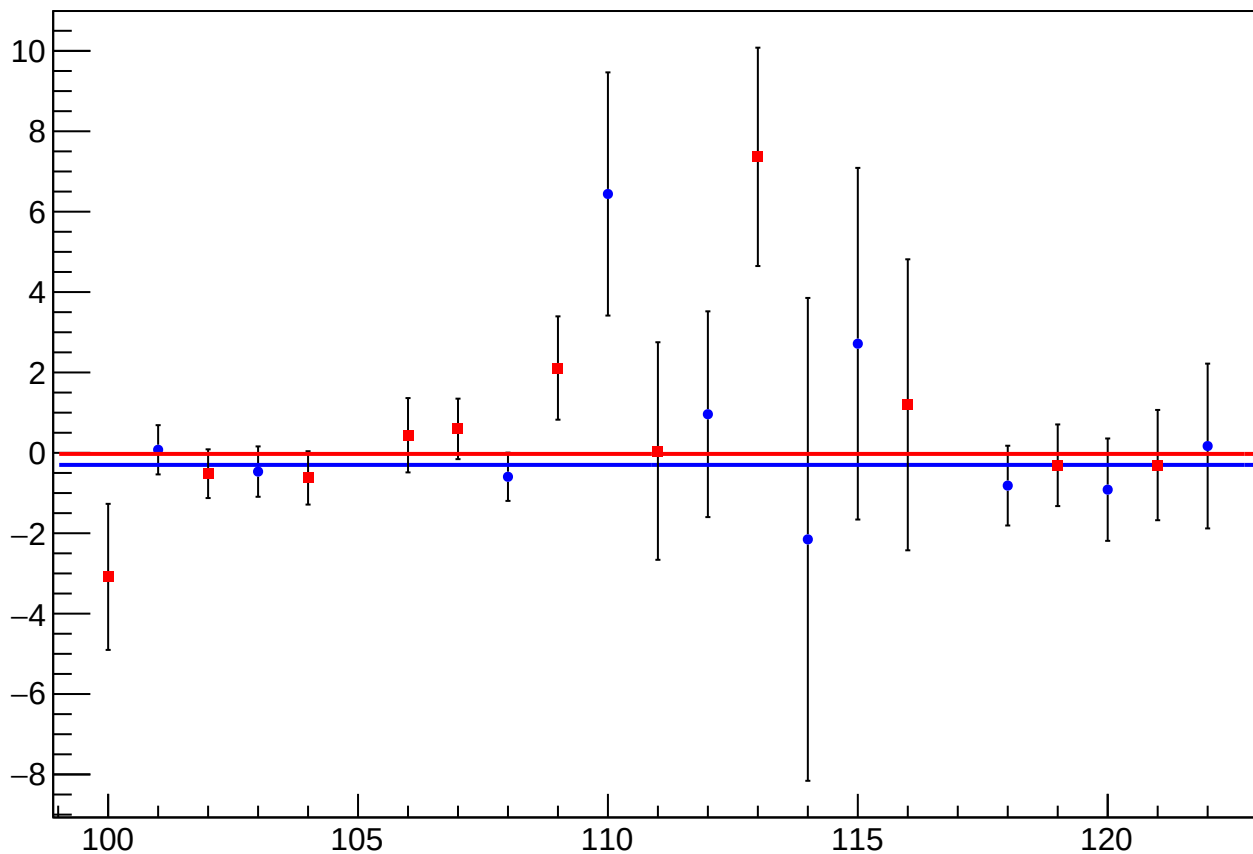
Right: 14134.381+/-3.426 χ^2/NDF : 204200.2/20

In: 14067.763+/-4.960 χ^2/NDF : 120751.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14134.381+/-3.426 χ^2/NDF : 204200.2/20

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: -0.026 ± 0.306 $\chi^2/\text{NDF}: 15.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

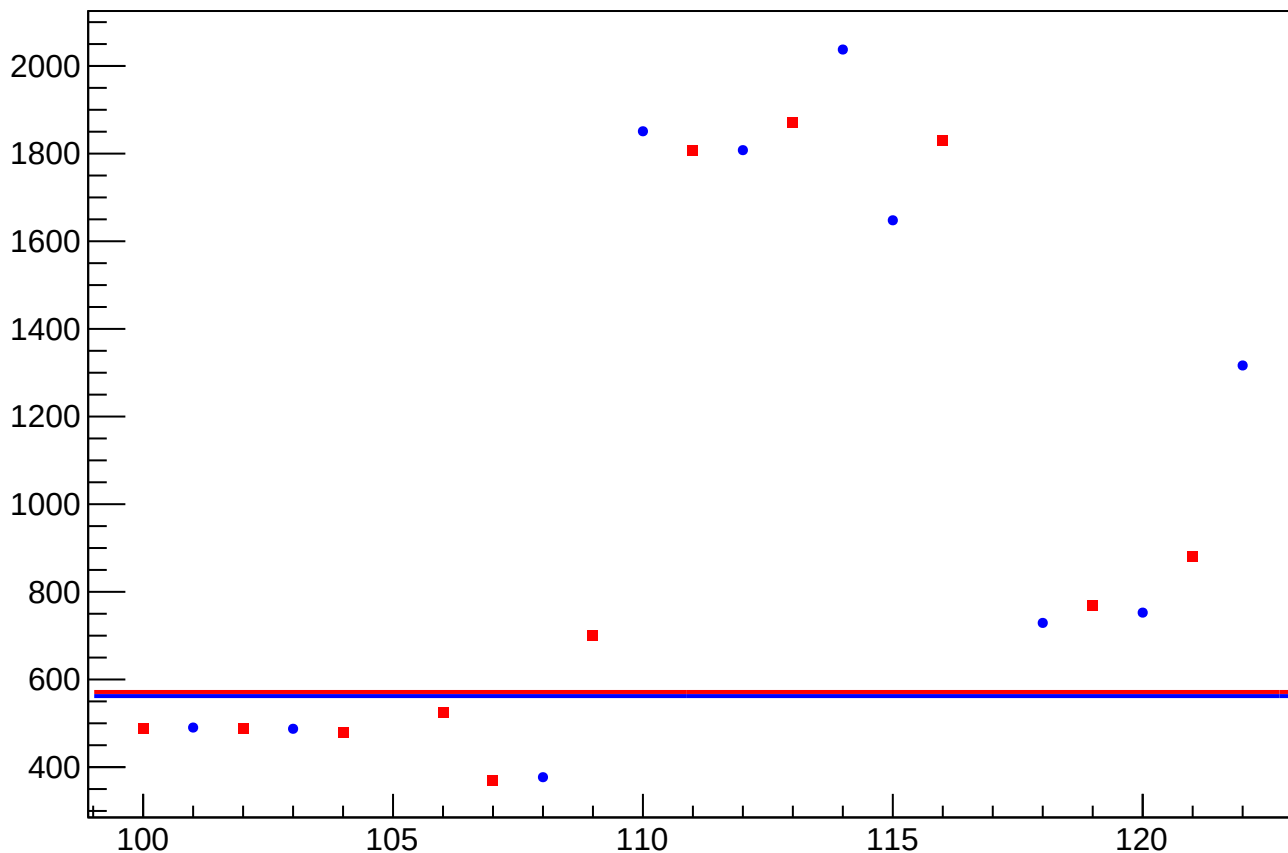
Right: -0.160 ± 0.219 $\chi^2/\text{NDF}: 23.1/20$

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: -0.160 ± 0.219 $\chi^2/\text{NDF}: 23.1/20$

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: 571.528+/-0.216 χ^2/NDF : 1543240.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

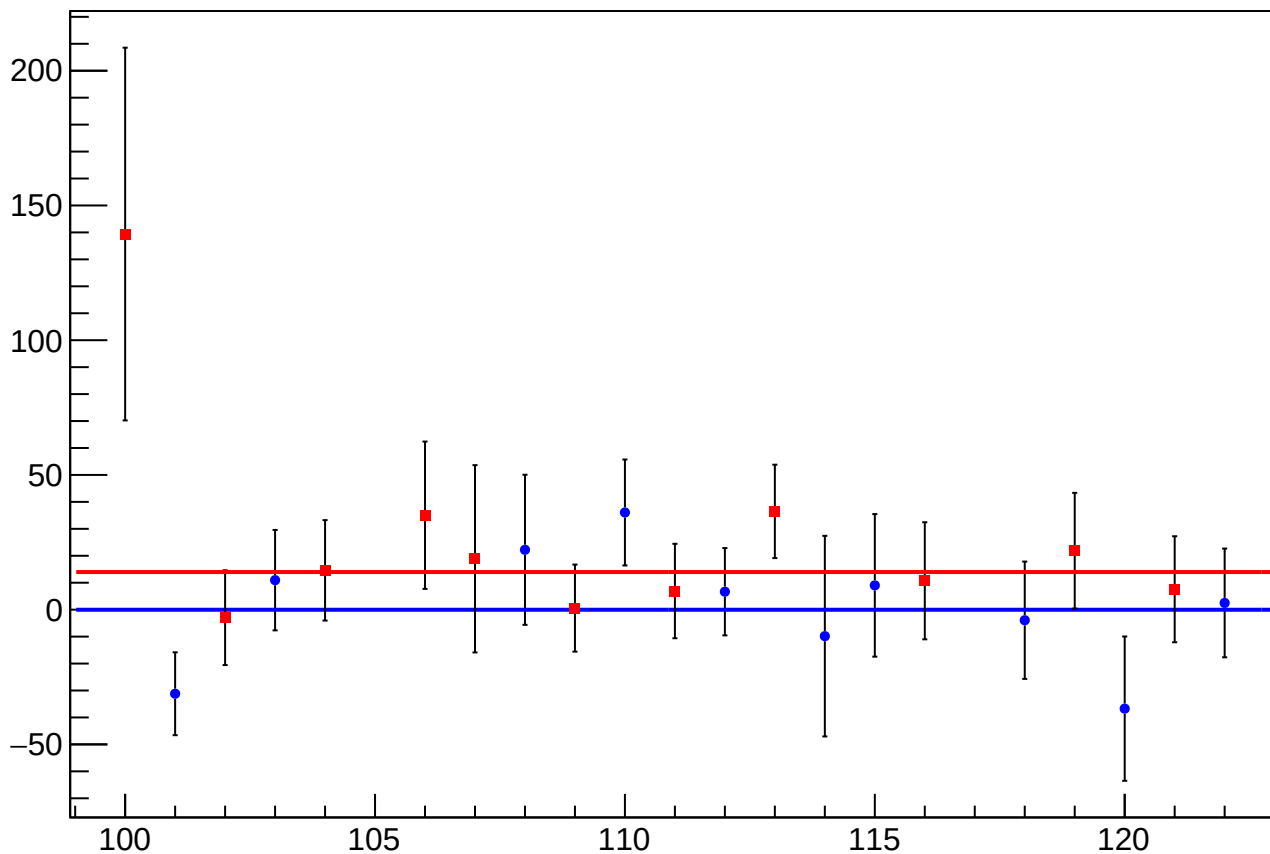
Right: 566.927+/-0.155 χ^2/NDF : 3243378.6/20

In: 562.108+/-0.221 χ^2/NDF :1699211.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 566.927+/-0.155 χ^2/NDF : 3243378.6/20

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: 13.964 ± 6.228 χ^2/NDF : 7.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

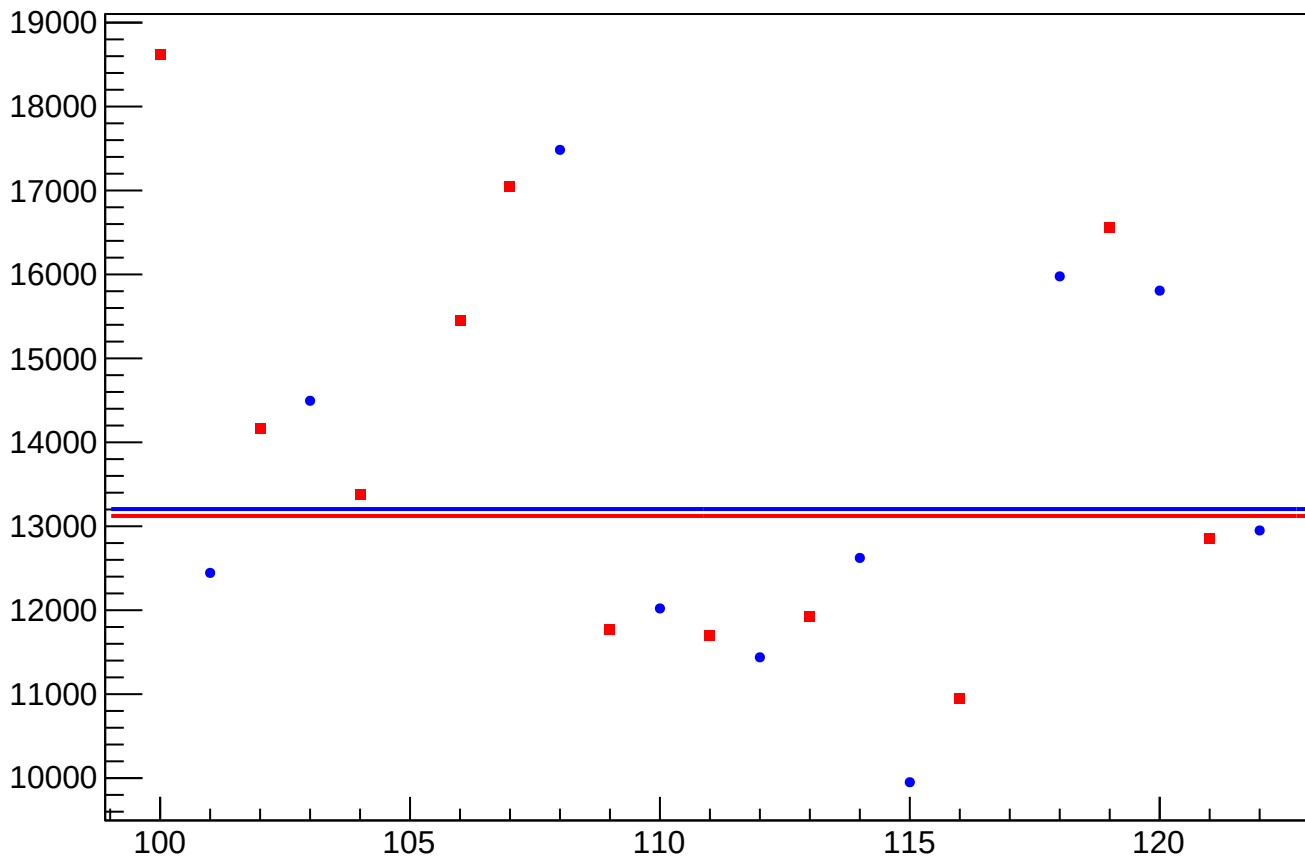
Right: 7.380 ± 4.532 χ^2/NDF : 20.8/20

In: -0.028 ± 6.607 χ^2/NDF : 10.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.380 ± 4.532 χ^2/NDF : 20.8/20

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: 13122.681+/-4.404 χ^2/NDF : 168274.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

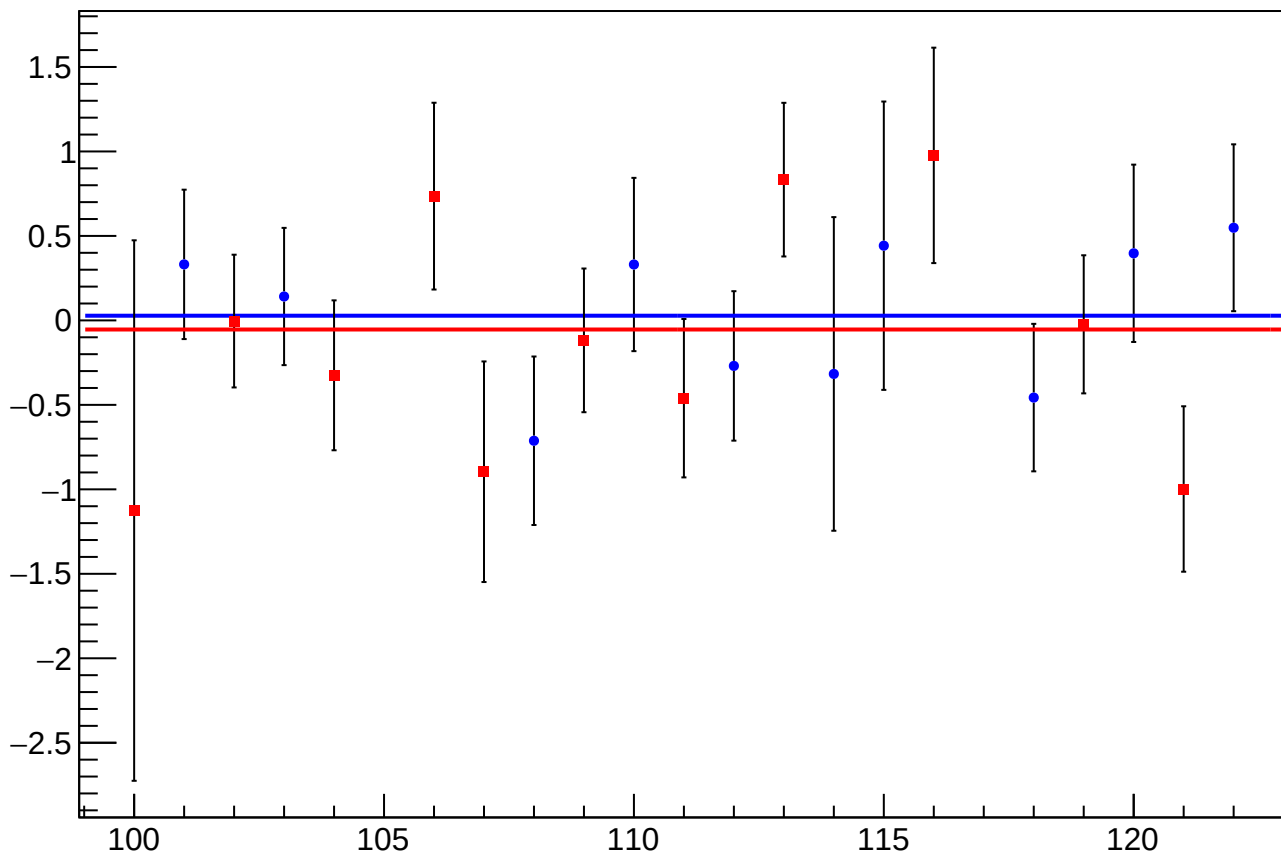
Right: 13161.516+/-3.205 χ^2/NDF : 343509.3/20

In: 13205.215+/-4.672 χ^2/NDF :175069.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13161.516+/-3.205 χ^2/NDF : 343509.3/20

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: -0.054+/-0.149 χ^2/NDF : 15.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

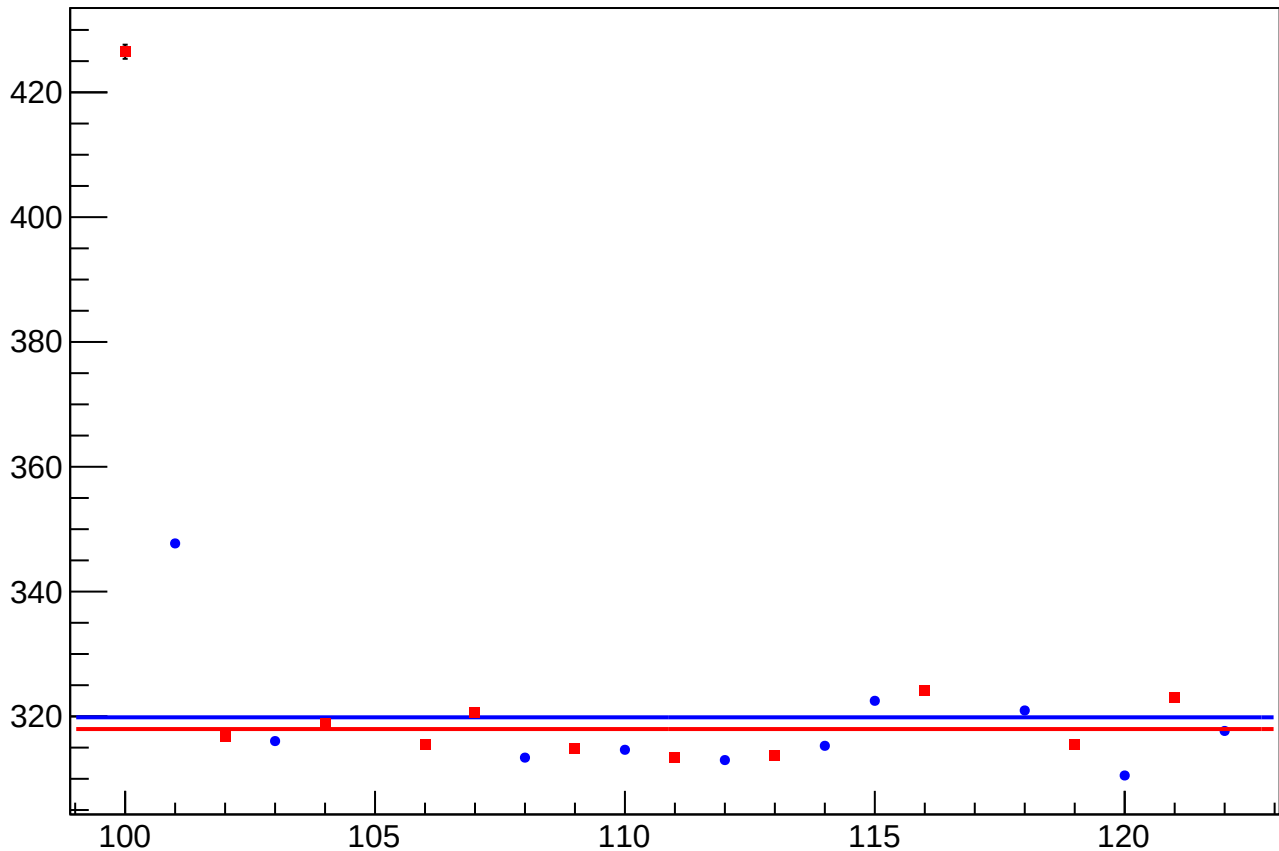
Right: -0.016+/-0.109 χ^2/NDF : 22.4/20

In: 0.028+/-0.159 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.109 χ^2/NDF : 22.4/20

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: 317.973+/-0.105 χ^2/NDF : 10248.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

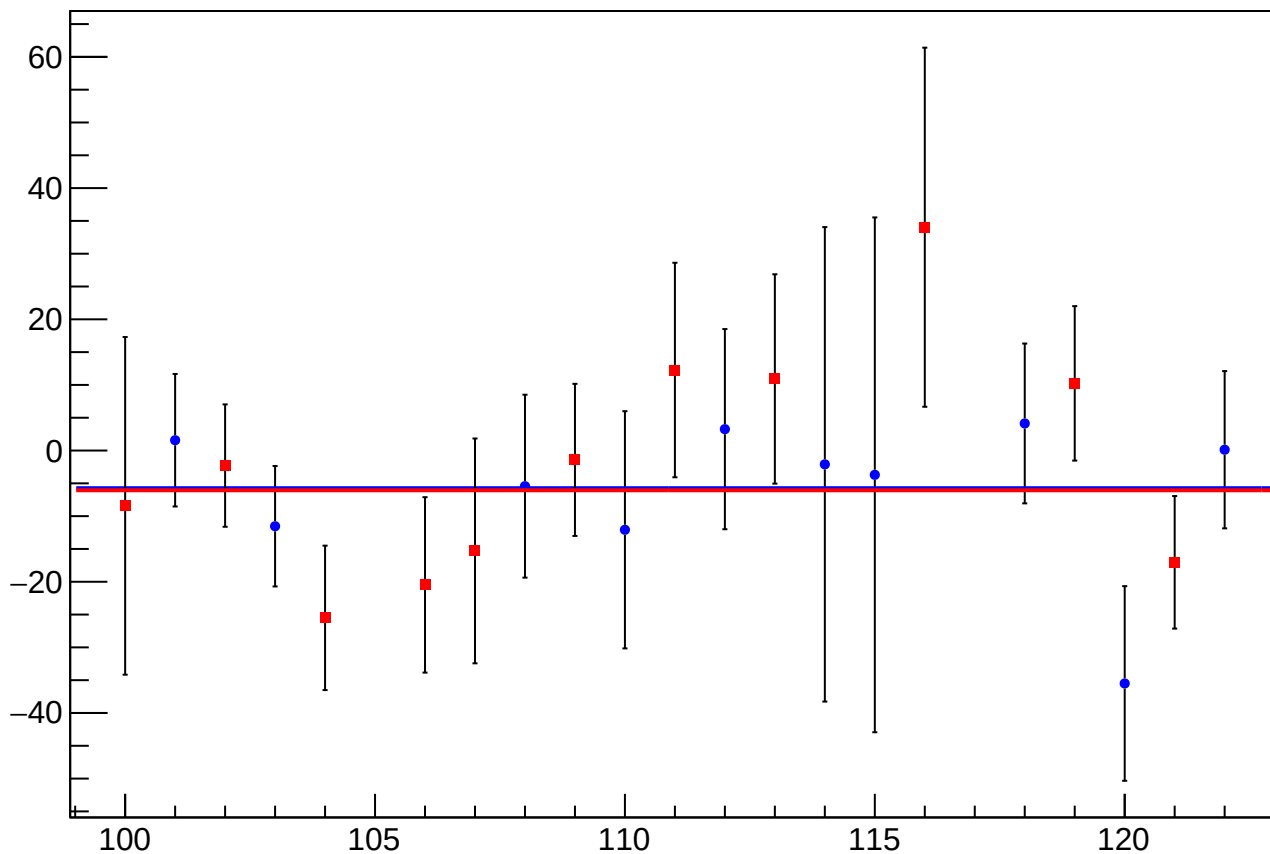
Right: 318.853+/-0.077 χ^2/NDF : 20288.7/20

In: 319.855+/-0.112 χ^2/NDF : 9890.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.853+/-0.077 χ^2/NDF : 20288.7/20

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -5.742 $\pm$ 4.310 χ^2 /NDF: 6.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.053 $\pm$ 3.961 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

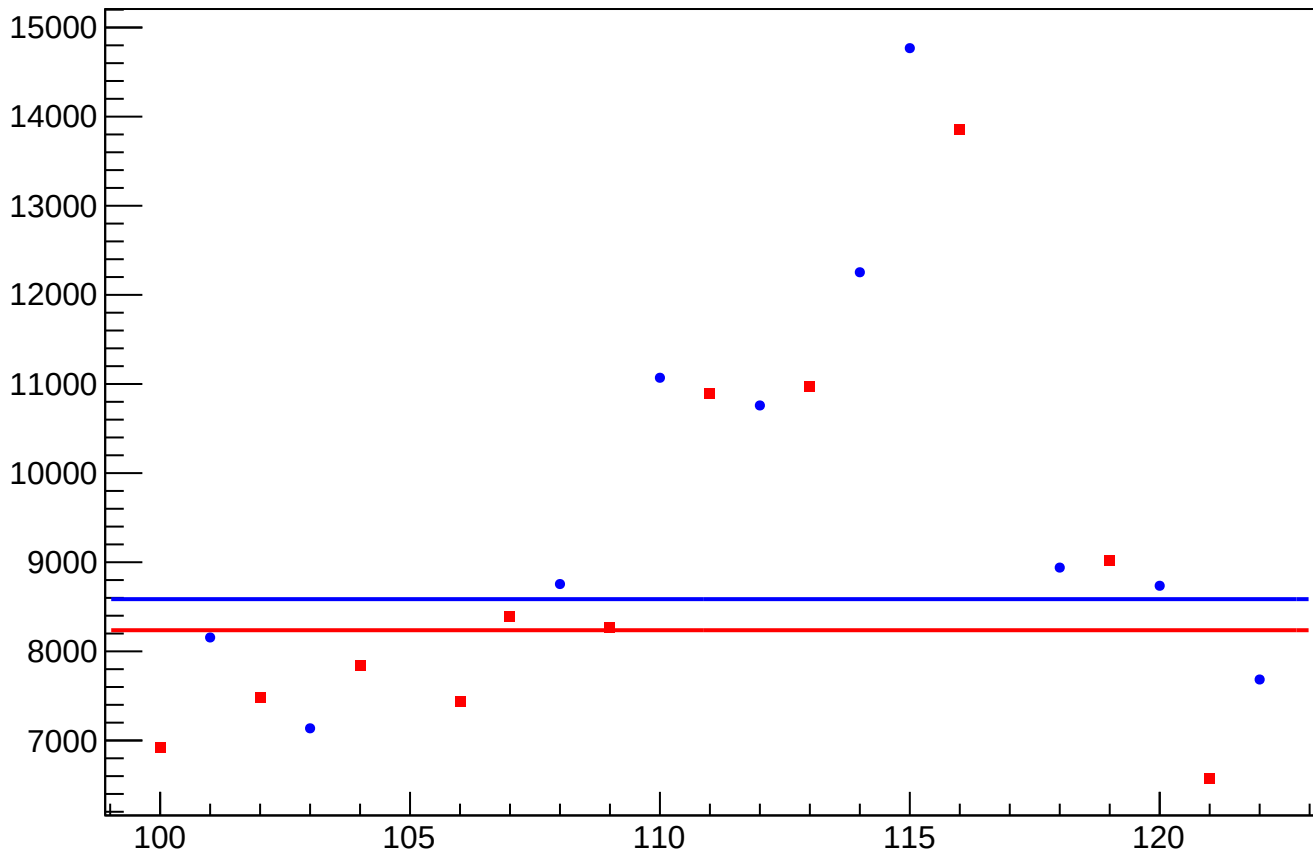
Right: -5.911 $\pm$ 2.916 χ^2 /NDF: 18.9/20

In: -5.742 $\pm$ 4.310 χ^2 /NDF:6.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.911 $\pm$ 2.916 χ^2 /NDF: 18.9/20

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: 8237.136+/-2.801 χ^2/NDF : 286579.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

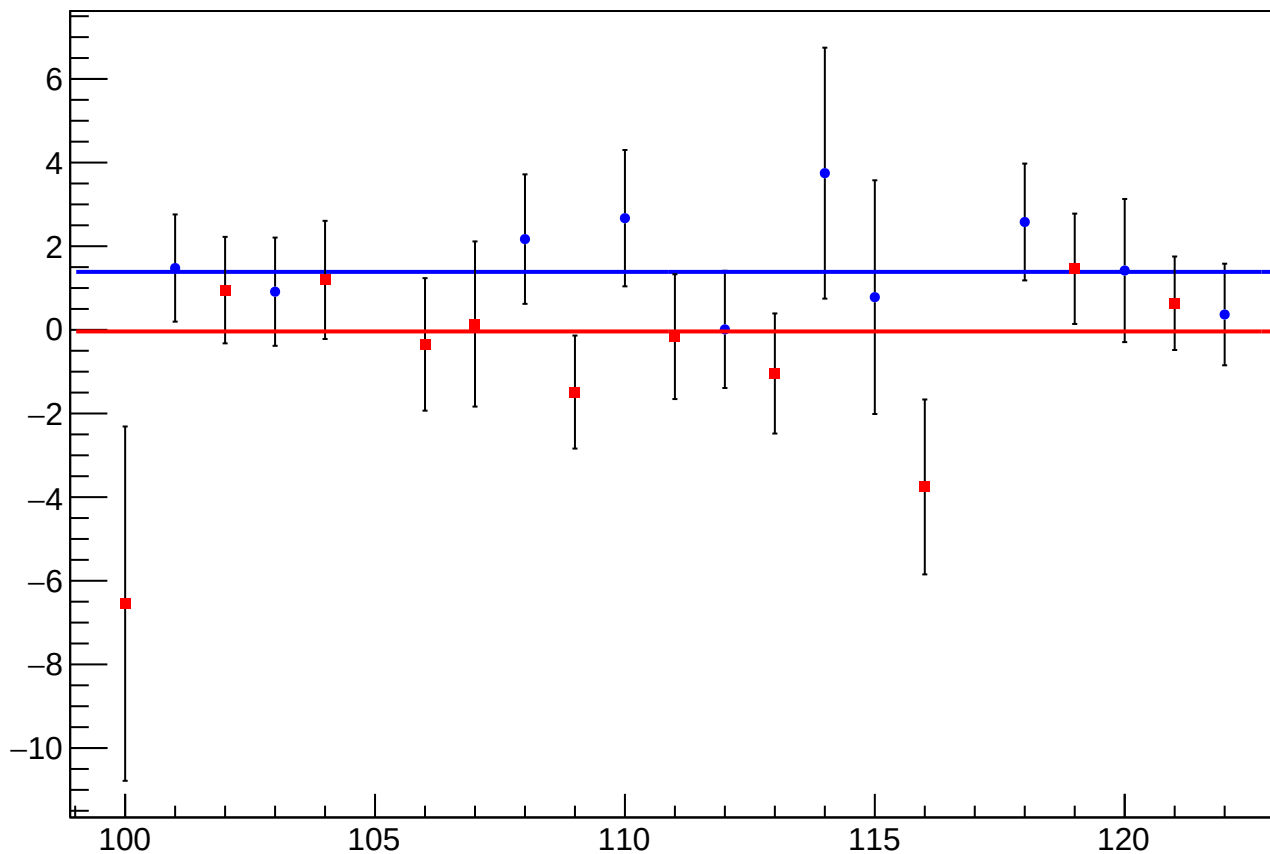
Right: 8396.822+/-2.062 χ^2/NDF : 509293.3/20

In: 8585.826+/-3.047 χ^2/NDF : 215617.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8396.822+/-2.062 χ^2/NDF : 509293.3/20

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: -0.038 $\pm$ 0.451 χ^2 /NDF: 10.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

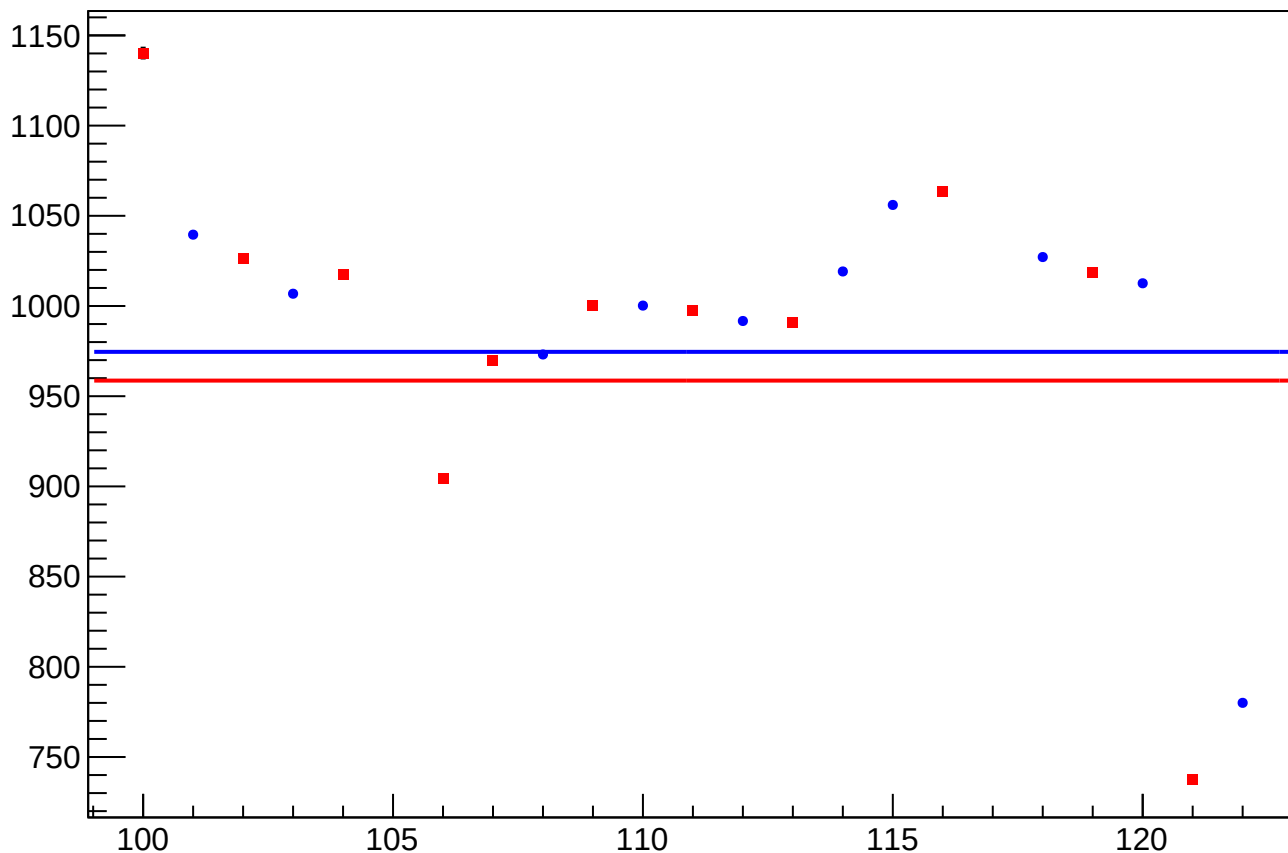
Right: 0.625 $\pm$ 0.330 χ^2 /NDF: 19.0/20

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: 0.625 $\pm$ 0.330 χ^2 /NDF: 19.0/20

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 974.585+/-0.342 χ^2/NDF : 64424.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.652+/-0.319 χ^2/NDF : 106887.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

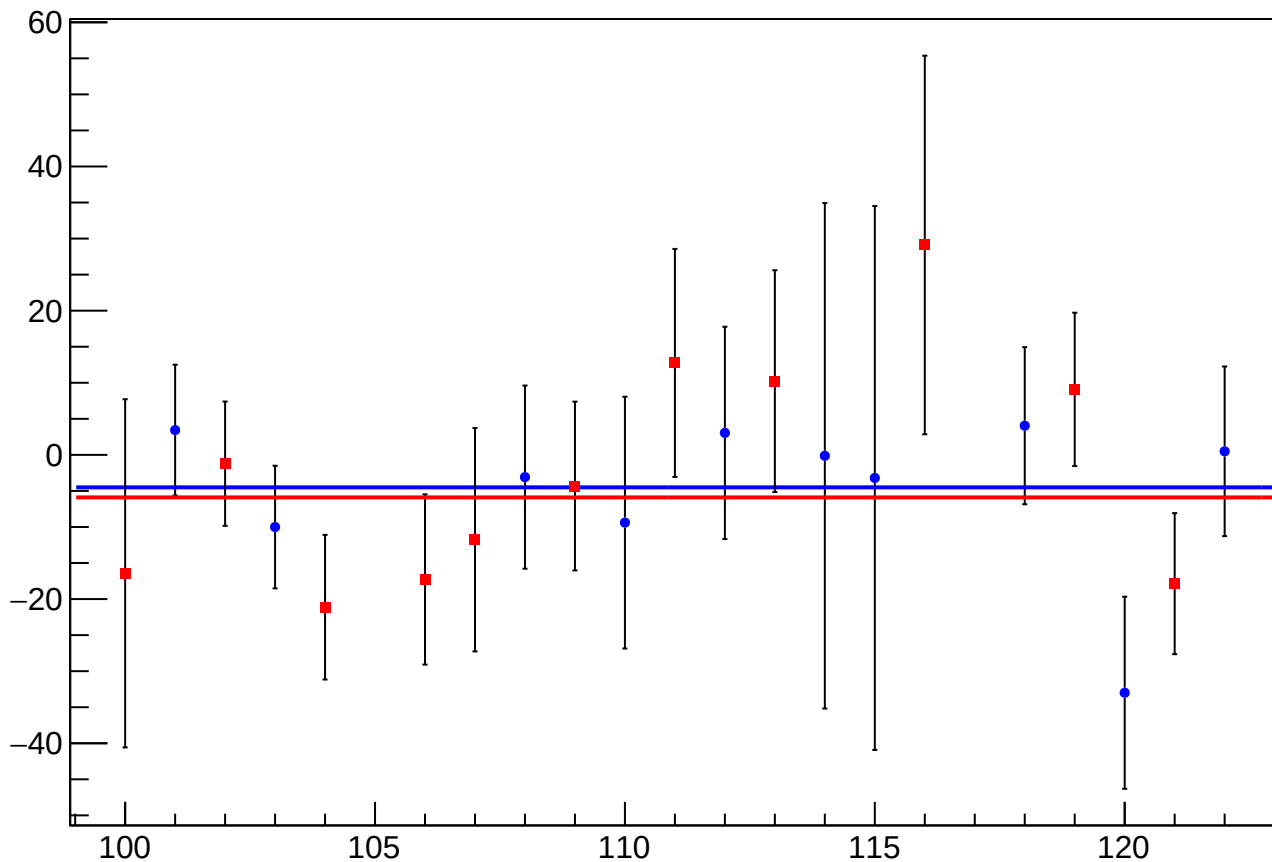
Right: 966.068+/-0.233 χ^2/NDF : 172472.4/20

In: 974.585+/-0.342 χ^2/NDF : 64424.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.068+/-0.233 χ^2/NDF : 172472.4/20

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: -5.900 ± 3.708 χ^2/NDF : 11.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

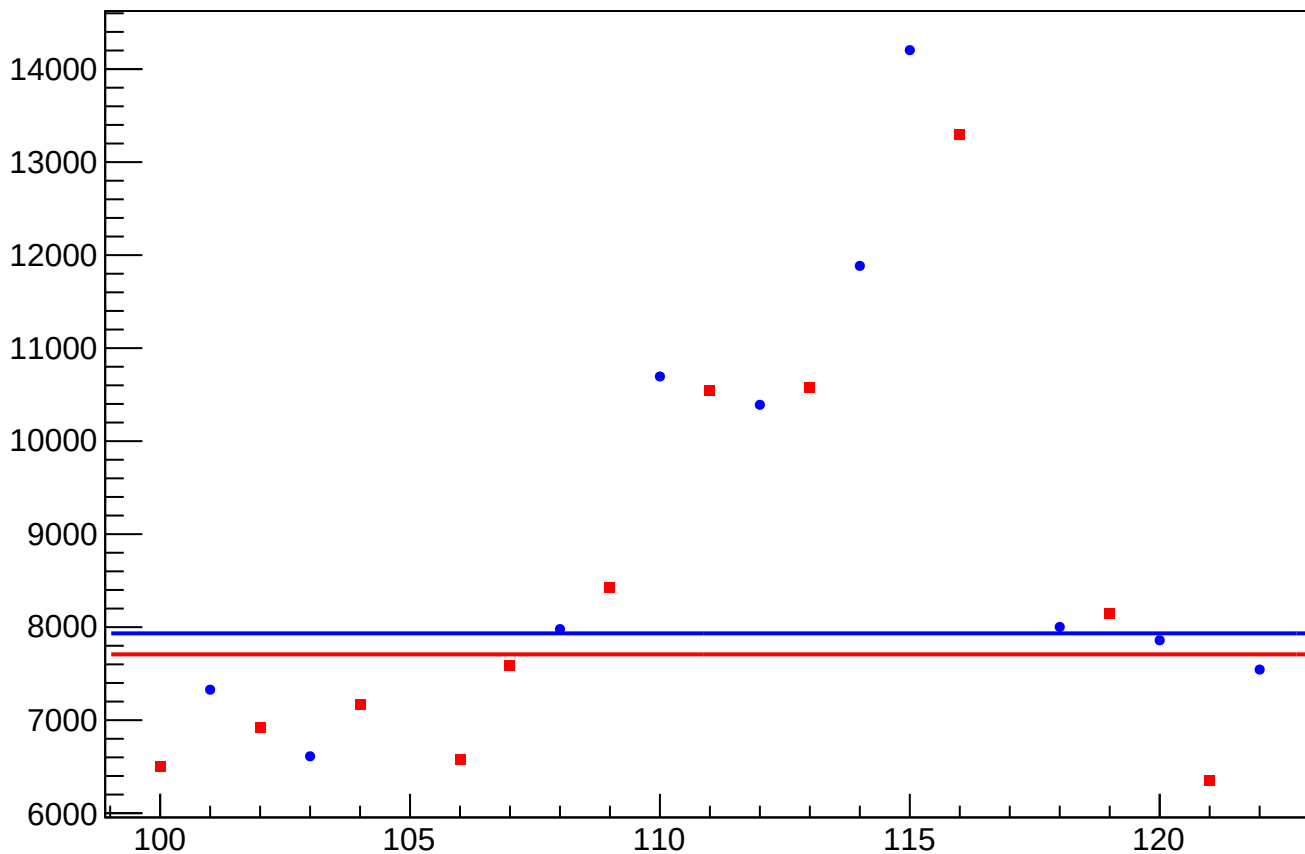
Right: -5.252 ± 2.716 χ^2/NDF : 18.6/20

In: -4.503 ± 3.988 χ^2/NDF : 6.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.252 ± 2.716 χ^2/NDF : 18.6/20

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: 7707.539+/-2.622 χ^2/NDF : 319647.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

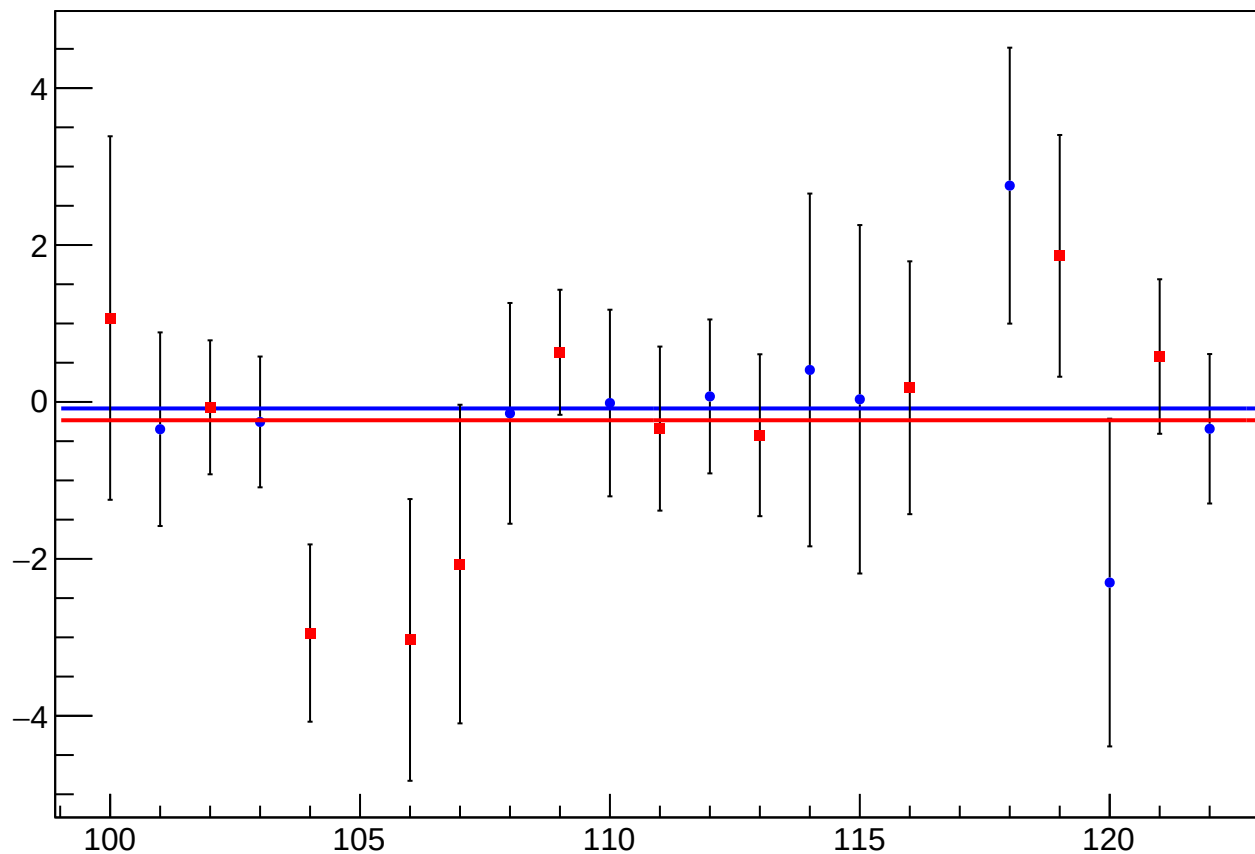
Right: 7812.203+/-1.920 χ^2/NDF : 569113.8/20

In: 7933.241+/-2.820 χ^2/NDF : 246031.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7812.203+/-1.920 χ^2/NDF : 569113.8/20

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: -0.233+/-0.350 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

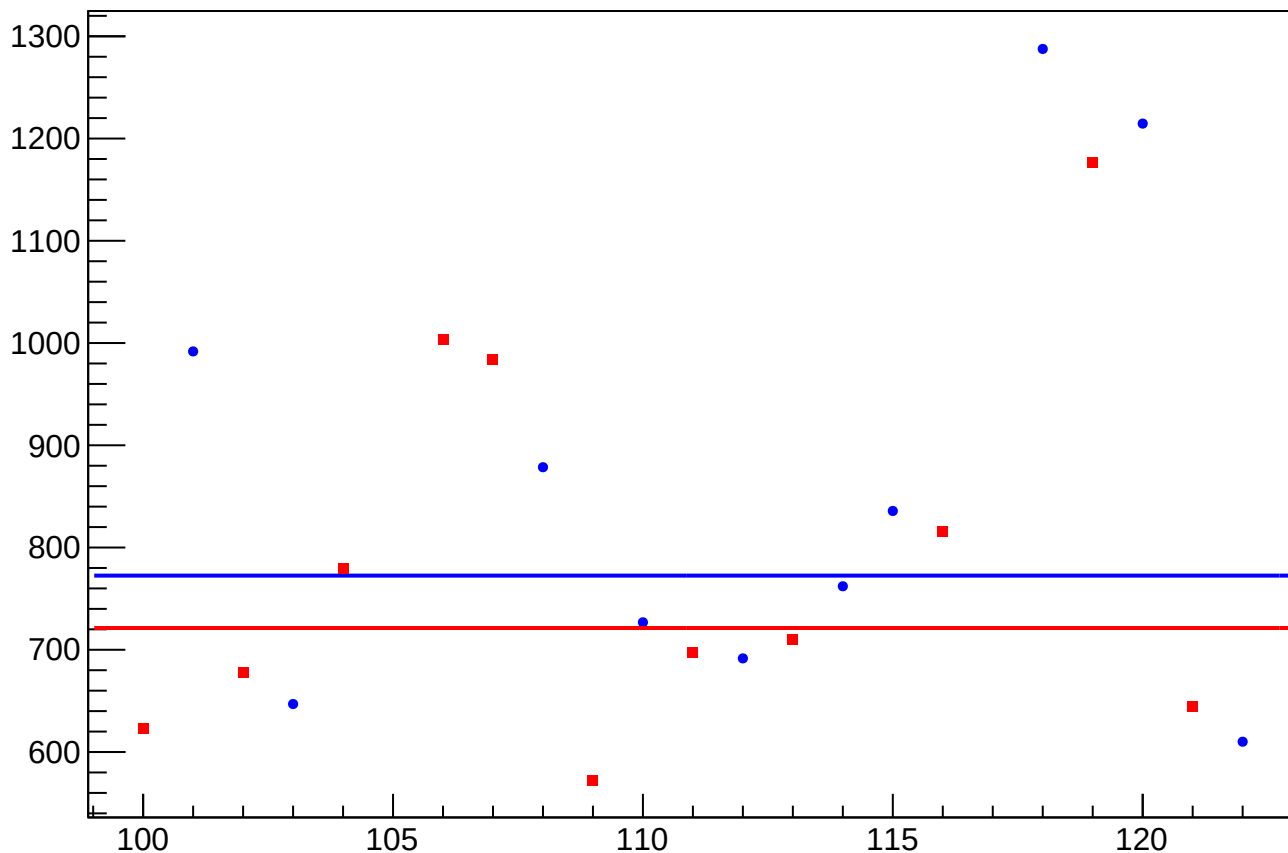
Right: -0.167+/-0.262 χ^2/NDF : 17.2/20

In: -0.083+/-0.395 χ^2/NDF :4.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.167+/-0.262 χ^2/NDF : 17.2/20

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: 721.285+/-0.248 χ^2/NDF : 361389.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

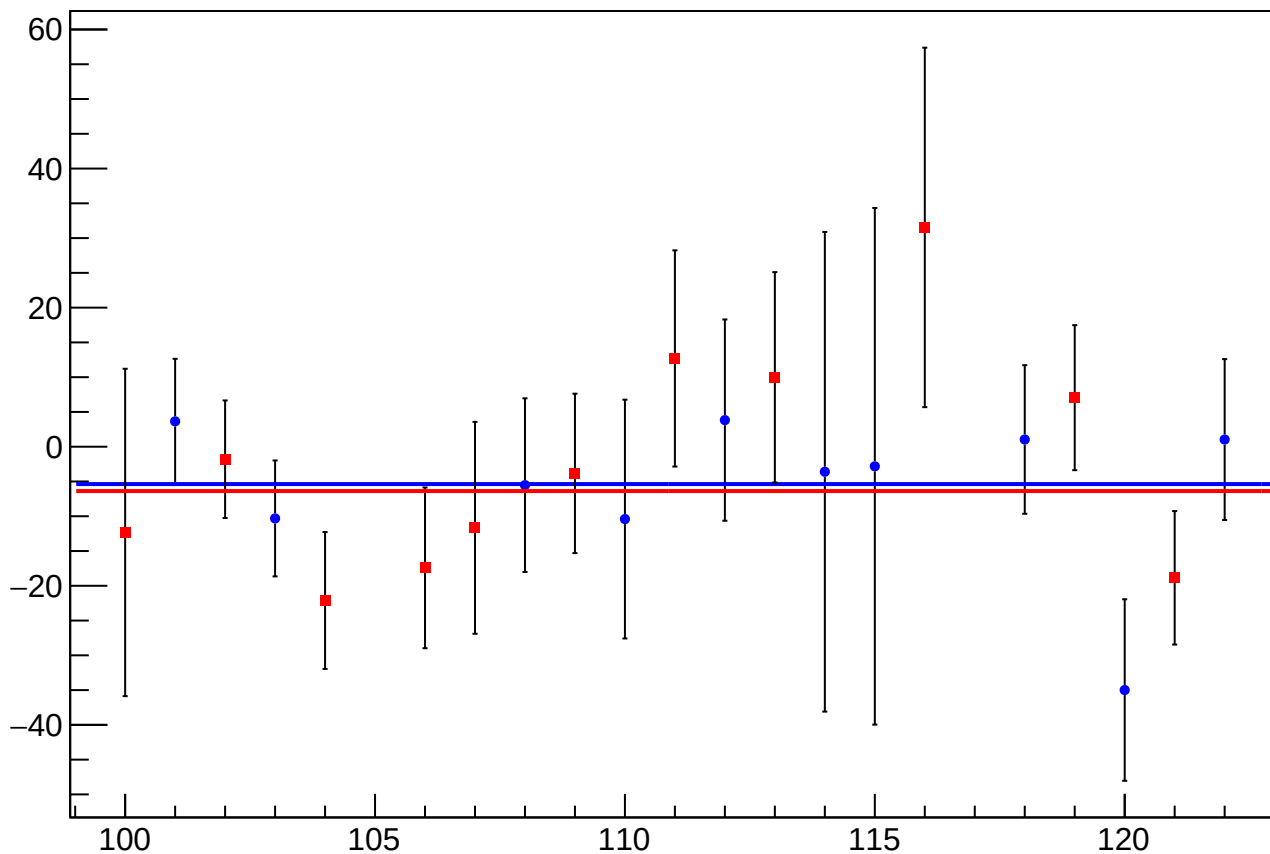
Right: 743.817+/-0.185 χ^2/NDF : 837831.6/20

In: 772.533+/-0.279 χ^2/NDF : 457593.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.817+/-0.185 χ^2/NDF : 837831.6/20

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: -6.376+/-3.637 χ^2/NDF : 12.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

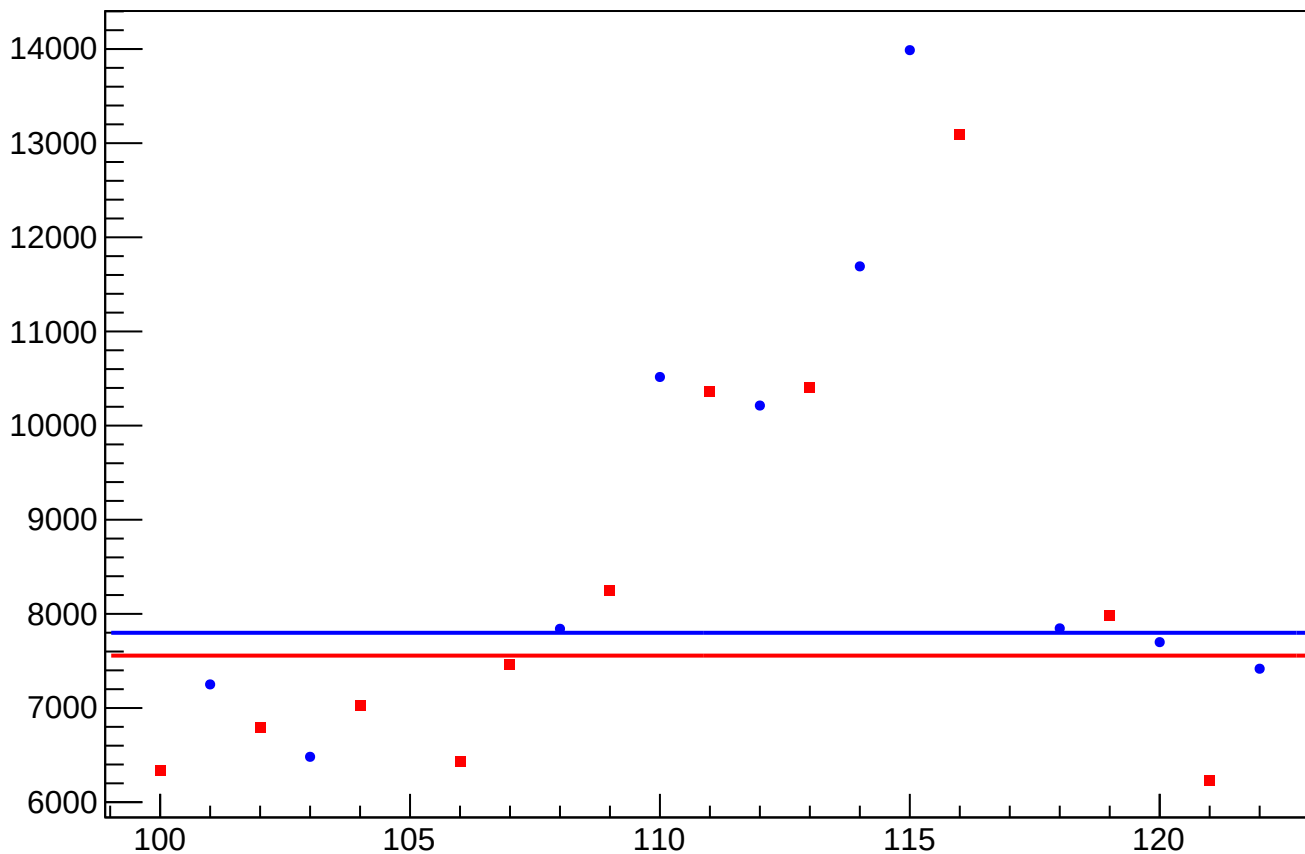
Right: -5.912+/-2.667 χ^2/NDF : 19.9/20

In: -5.373+/-3.922 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.912+/-2.667 χ^2/NDF : 19.9/20

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: 7556.669+/-2.572 χ^2/NDF : 322642.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

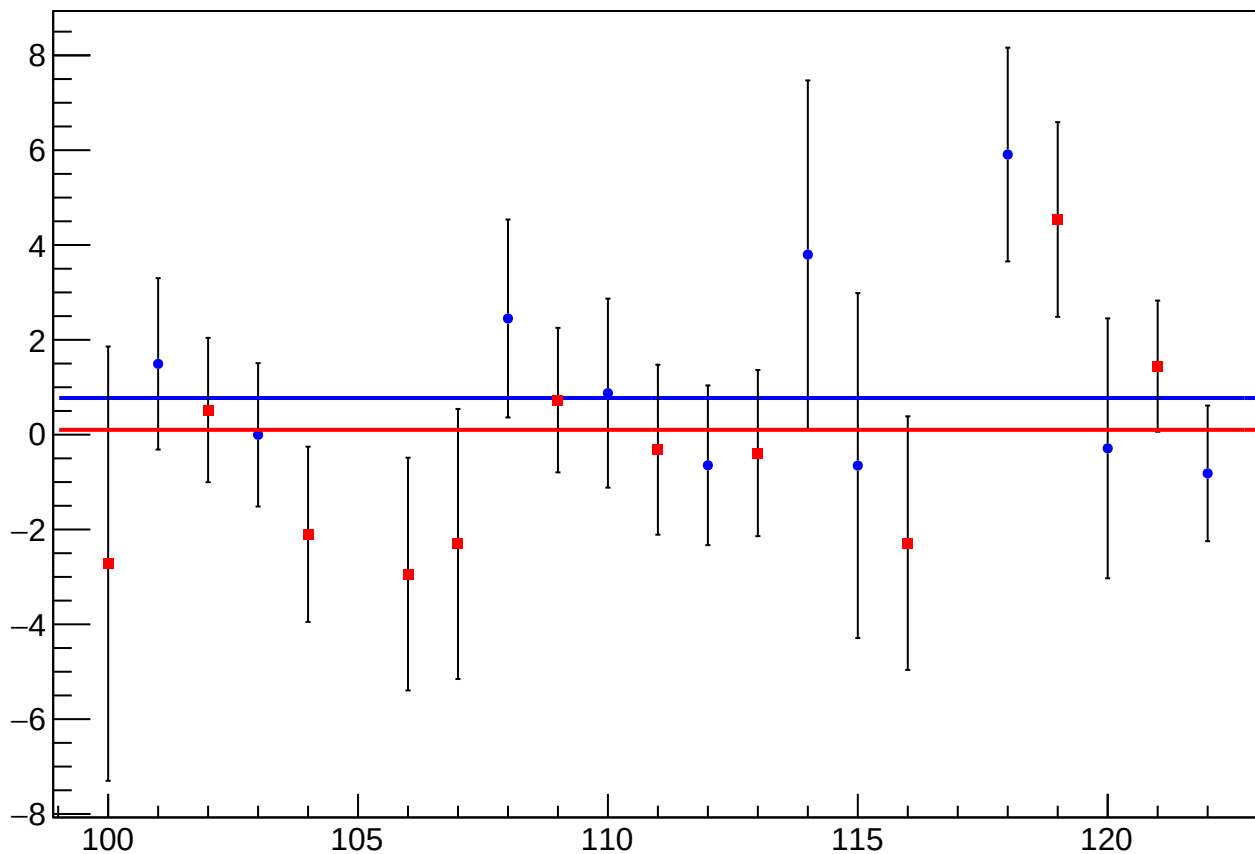
Right: 7668.772+/-1.886 χ^2/NDF : 573193.9/20

In: 7799.099+/-2.773 χ^2/NDF :246443.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7668.772+/-1.886 χ^2/NDF : 573193.9/20

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.773 $\pm$ 0.627 χ^2 /NDF: 9.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.102 $\pm$ 0.575 χ^2 /NDF: 10.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

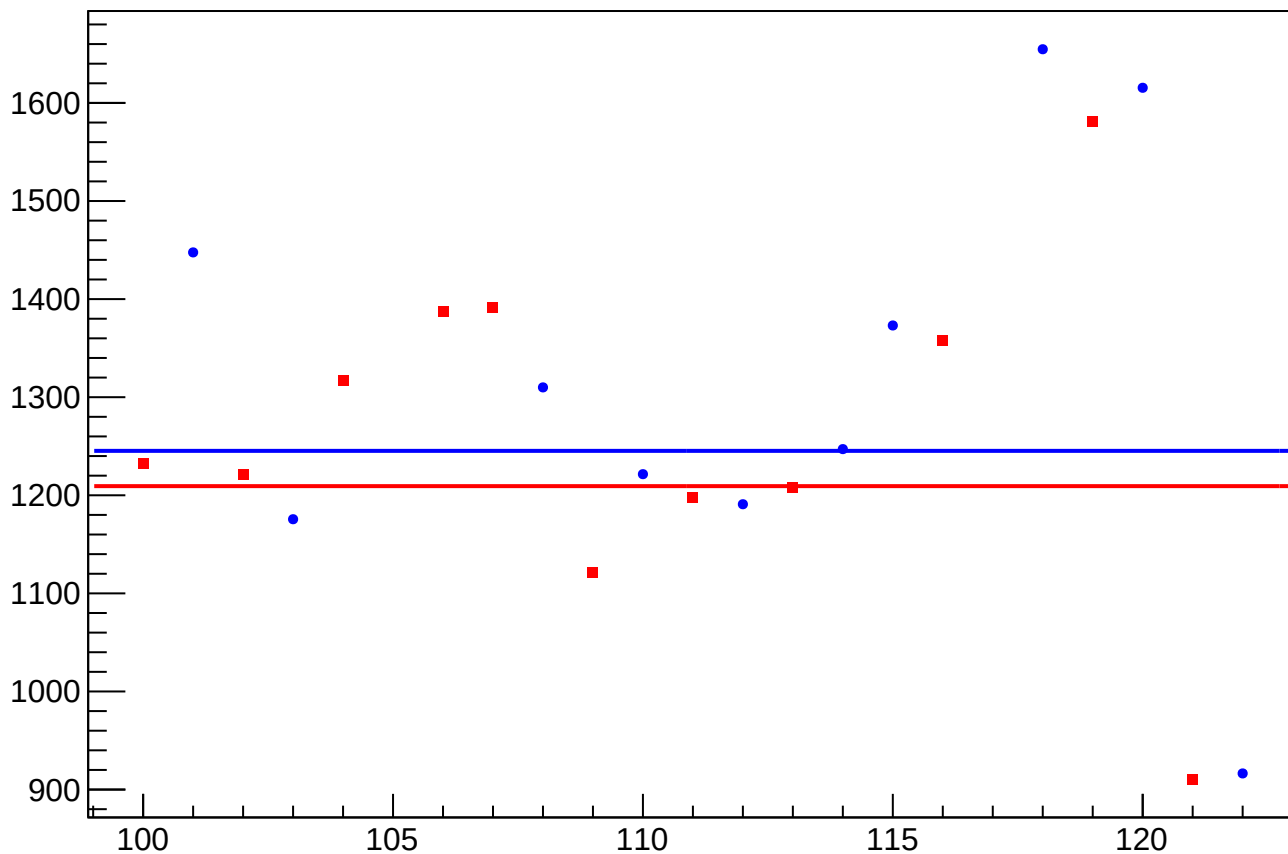
Right: 0.408 $\pm$ 0.423 χ^2 /NDF: 20.6/20

In: 0.773 $\pm$ 0.627 χ^2 /NDF:9.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.408 $\pm$ 0.423 χ^2 /NDF: 20.6/20

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: 1209.330+/-0.406 χ^2/NDF : 198010.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

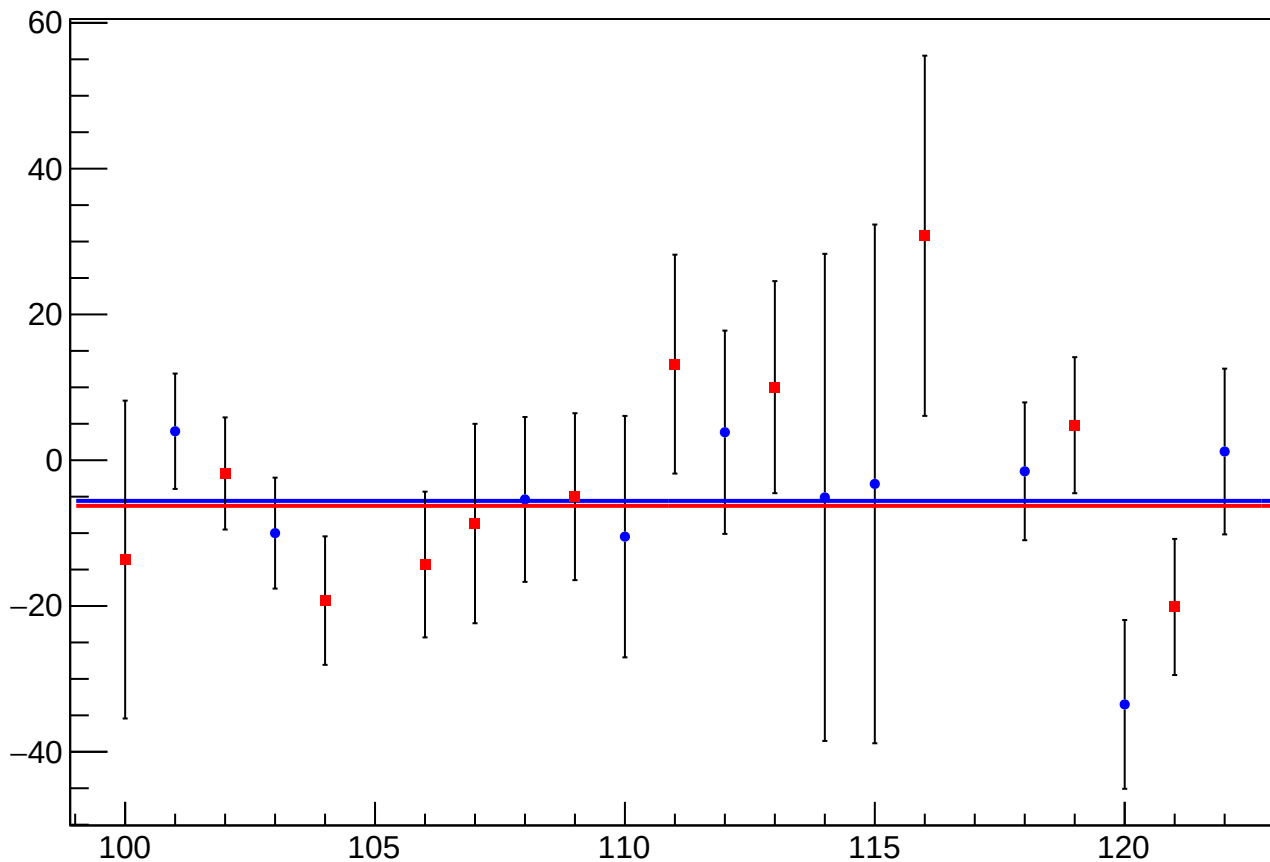
Right: 1225.747+/-0.299 χ^2/NDF : 445854.6/20

In: 1245.285+/-0.443 χ^2/NDF : 244267.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1225.747+/-0.299 χ^2/NDF : 445854.6/20

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: -6.257+/-3.360 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

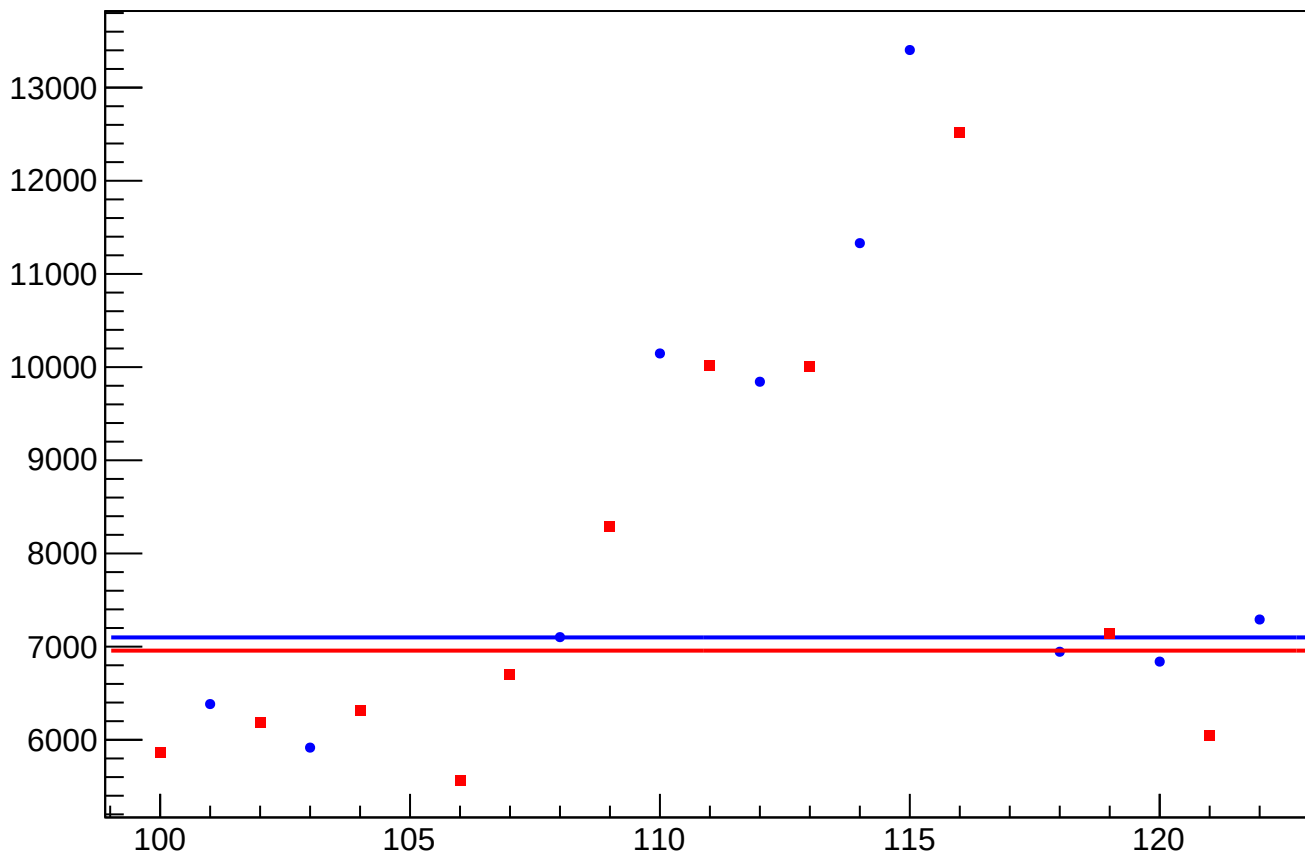
Right: -5.938+/-2.451 χ^2/NDF : 20.8/20

In: -5.576+/-3.583 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.938+/-2.451 χ^2/NDF : 20.8/20

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: 6957.289+/-2.376 χ^2/NDF : 394065.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

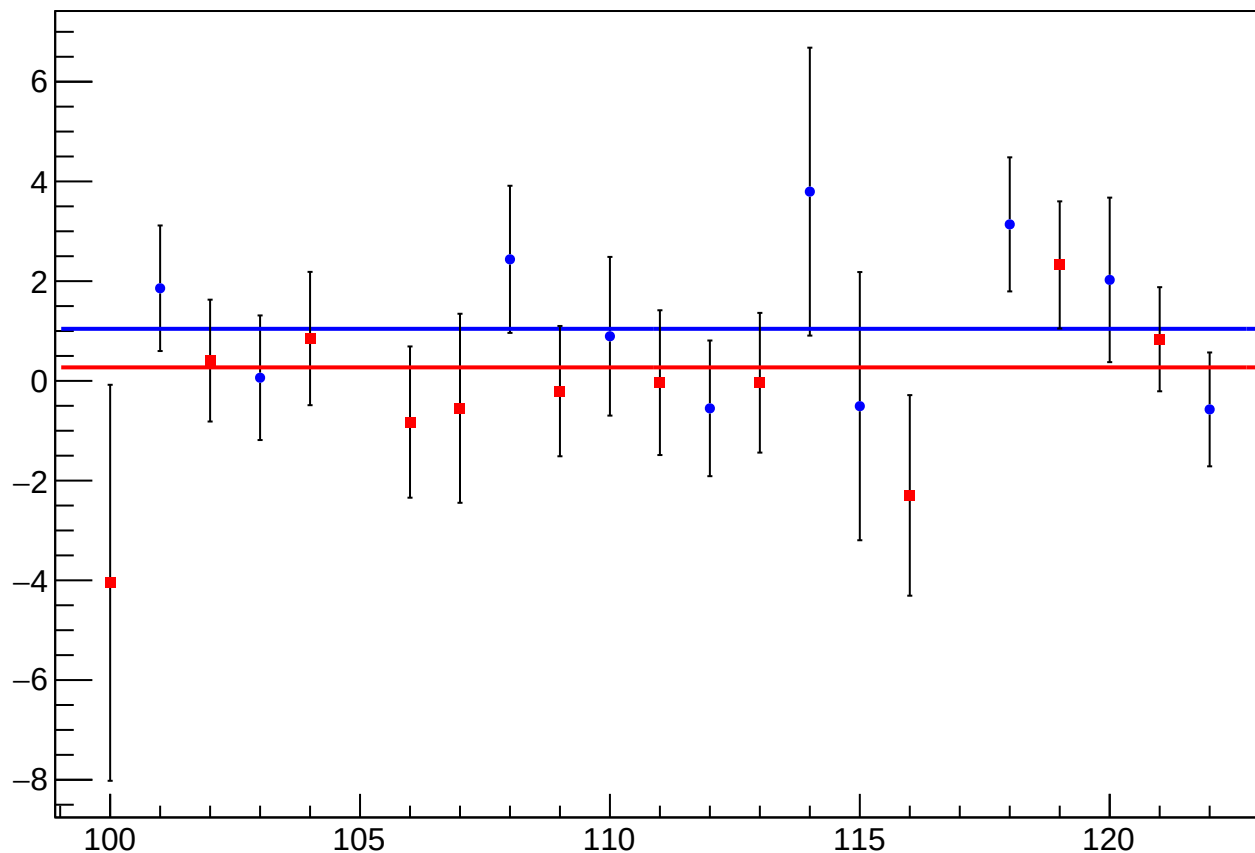
Right: 7023.642+/-1.733 χ^2/NDF : 702516.7/20

In: 7099.090+/-2.533 χ^2/NDF :306784.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7023.642+/-1.733 χ^2/NDF : 702516.7/20

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.044+/-0.466 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.271+/-0.432 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

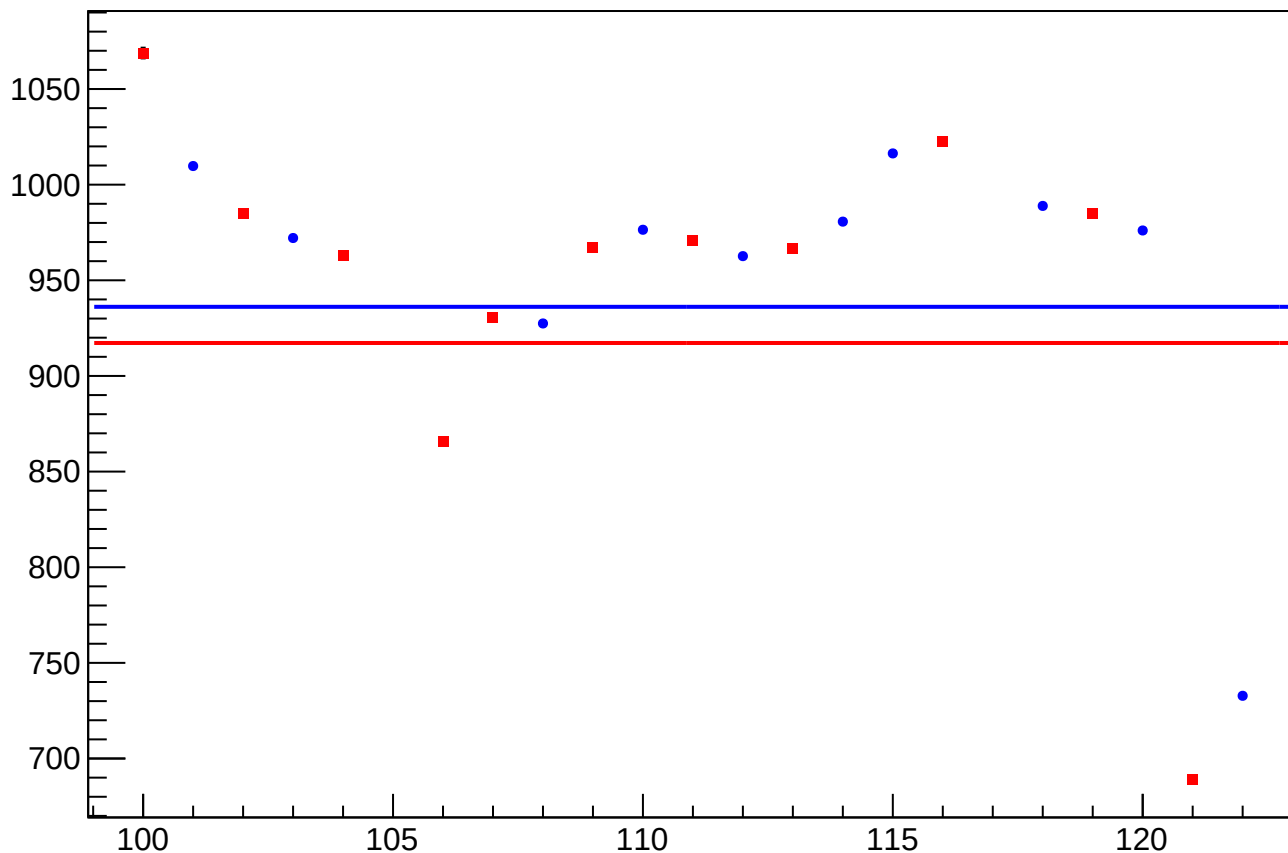
Right: 0.629+/-0.317 χ^2/NDF : 17.7/20

In: 1.044+/-0.466 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.629+/-0.317 χ^2/NDF : 17.7/20

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: 917.229+/-0.306 χ^2/NDF : 128597.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

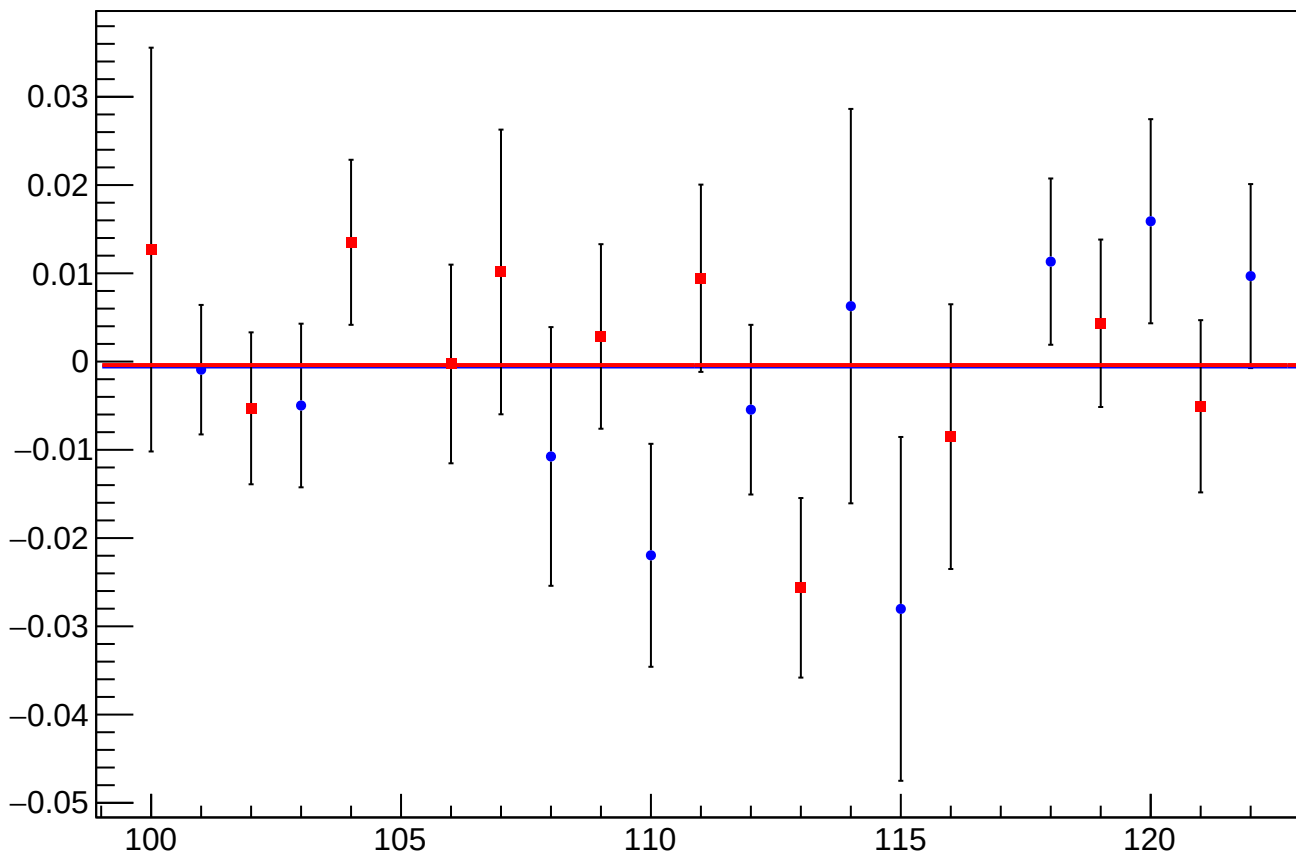
Right: 925.979+/-0.224 χ^2/NDF : 210917.6/20

In: 936.138+/-0.329 χ^2/NDF : 80548.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.979+/-0.224 χ^2/NDF : 210917.6/20

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.003 $\chi^2/\text{NDF}: 10.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.000 ± 0.003 $\chi^2/\text{NDF}: 11.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

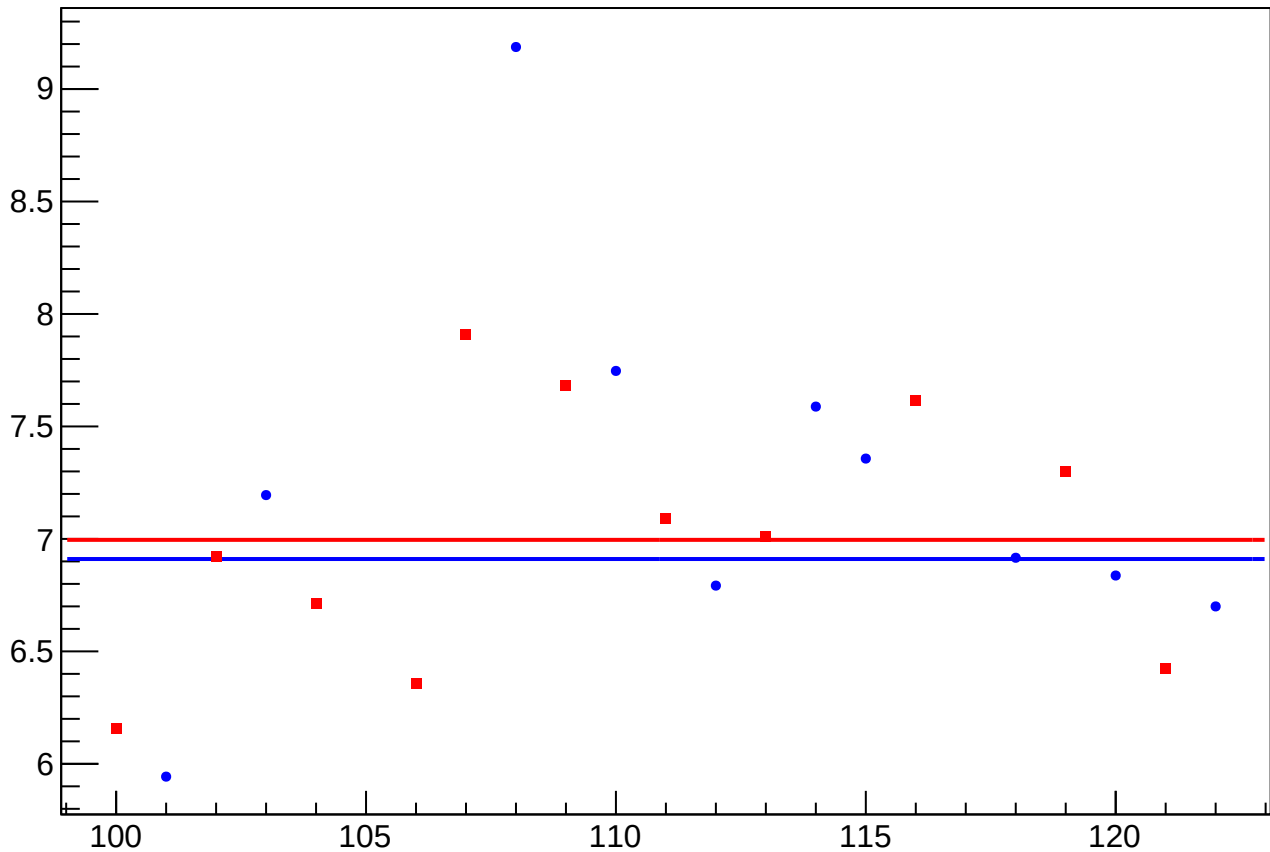
Right: -0.000 ± 0.002 $\chi^2/\text{NDF}: 21.7/20$

In: -0.001 ± 0.003 $\chi^2/\text{NDF}: 10.5/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.000 ± 0.002 $\chi^2/\text{NDF}: 21.7/20$

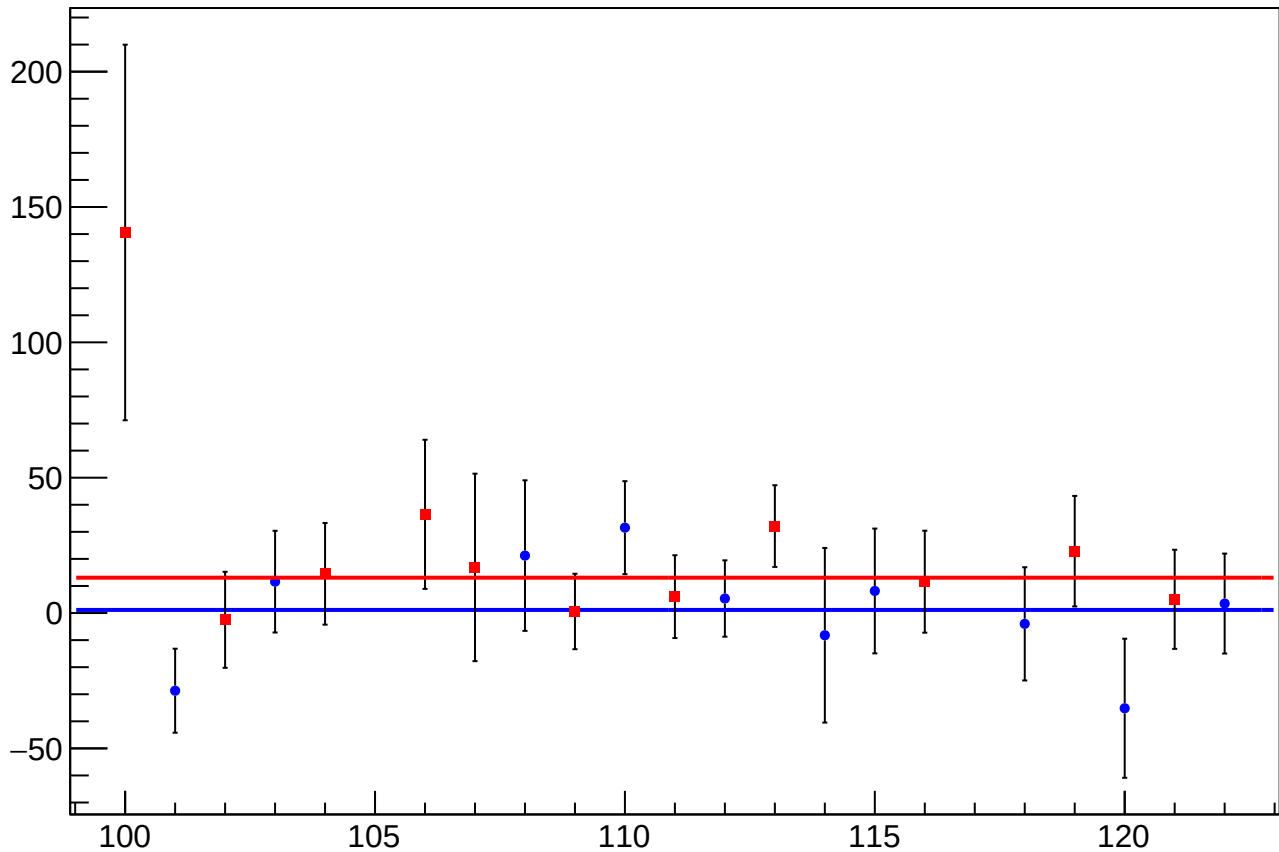
diff_dispE_bpm12X_rms vs Slug, Sign Corrected



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: 6.996+/-0.002 χ^2/NDF : 38569.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 6.955+/-0.002 χ^2/NDF : 136965.3/20
 In: 6.911+/-0.002 χ^2/NDF : 97755.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.955+/-0.002 χ^2/NDF : 136965.3/20

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 1.148 $\pm$ 6.169 χ^2/NDF : 10.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 13.063 $\pm$ 5.737 χ^2/NDF : 7.9/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

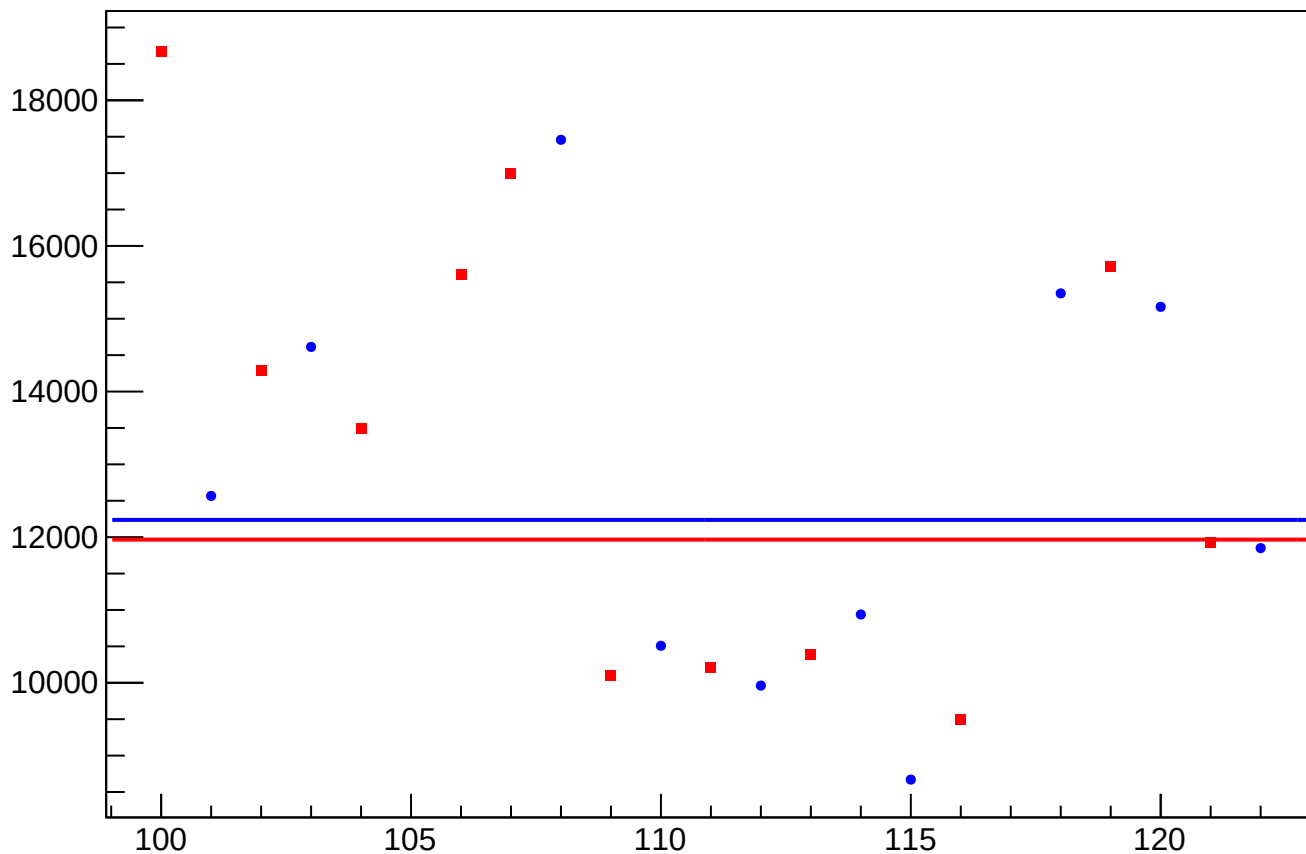
Right: 7.538 $\pm$ 4.201 χ^2/NDF : 19.9/20

In: 1.148 $\pm$ 6.169 χ^2/NDF : 10.0/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 7.538 $\pm$ 4.201 χ^2/NDF : 19.9/20

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: 11966.529+/-4.057 χ^2/NDF : 328737.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

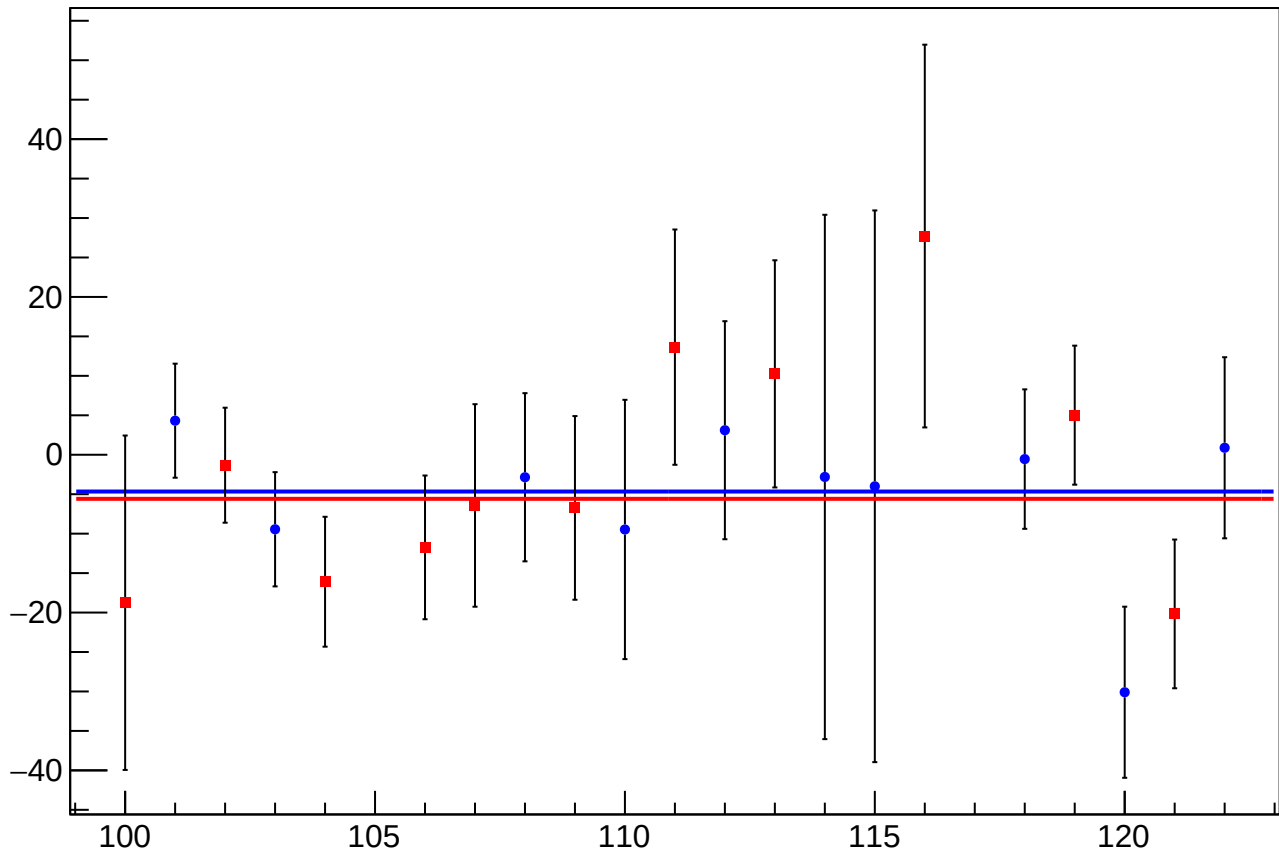
Right: 12092.046+/-2.971 χ^2/NDF : 628718.9/20

In: 12237.205+/-4.362 χ^2/NDF : 297916.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12092.046+/-2.971 χ^2/NDF : 628718.9/20

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: -5.586 ± 3.219 χ^2/NDF : 11.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

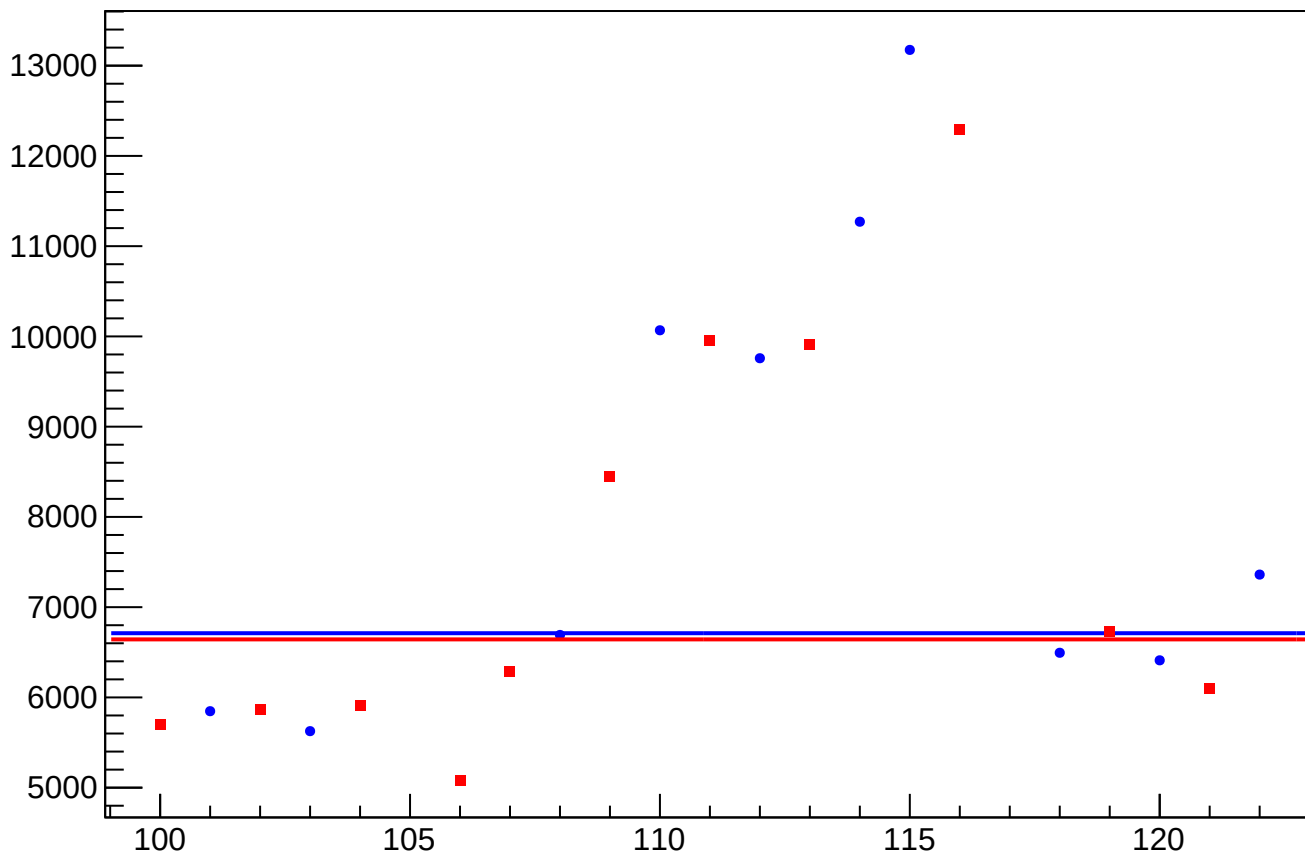
Right: -5.148 ± 2.337 χ^2/NDF : 19.8/20

In: -4.660 ± 3.398 χ^2/NDF : 8.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.148 ± 2.337 χ^2/NDF : 19.8/20

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: 6642.929+/-2.276 χ^2/NDF : 467810.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

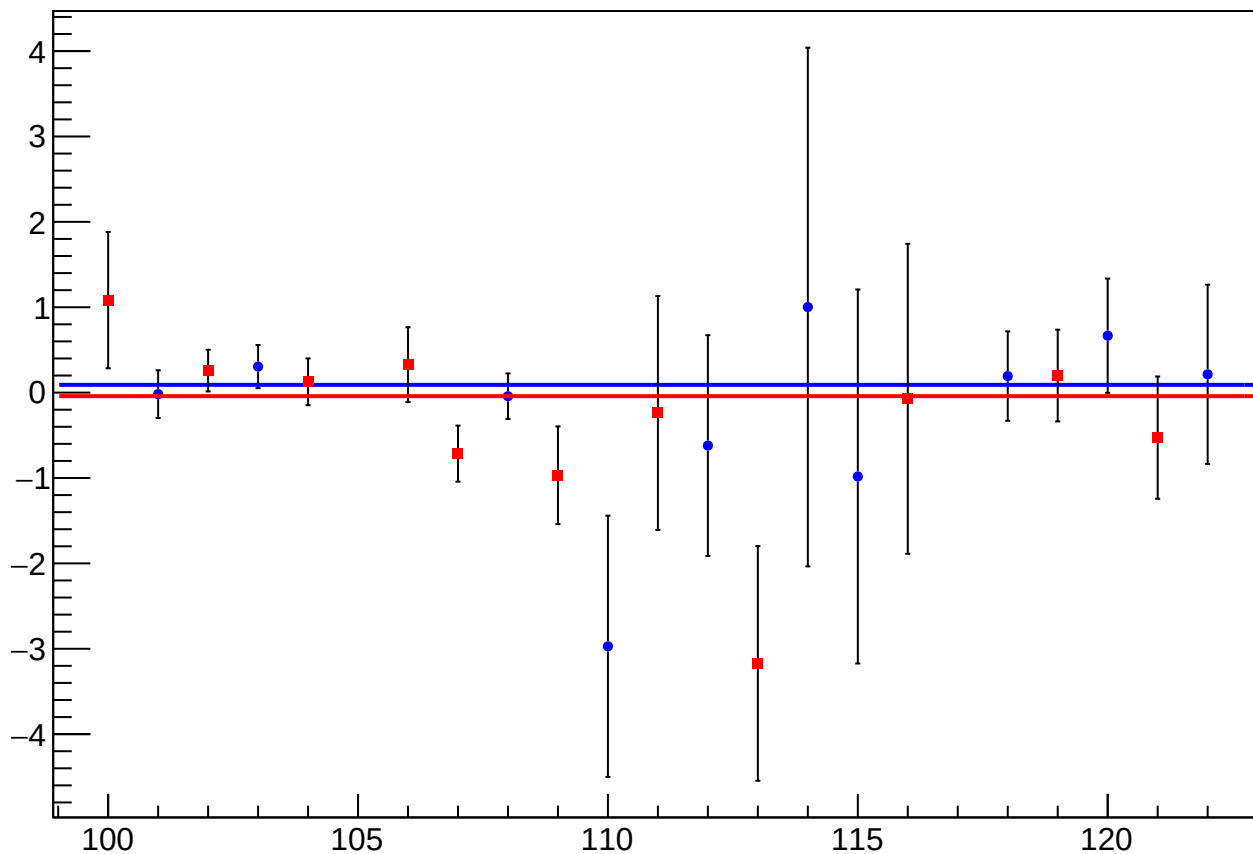
Right: 6675.330+/-1.653 χ^2/NDF : 837637.3/20

In: 6711.435+/-2.403 χ^2/NDF : 369398.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6675.330+/-1.653 χ^2/NDF : 837637.3/20

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.091 $\pm$ 0.140 χ^2/NDF : 6.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.041 $\pm$ 0.134 χ^2/NDF : 17.3/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

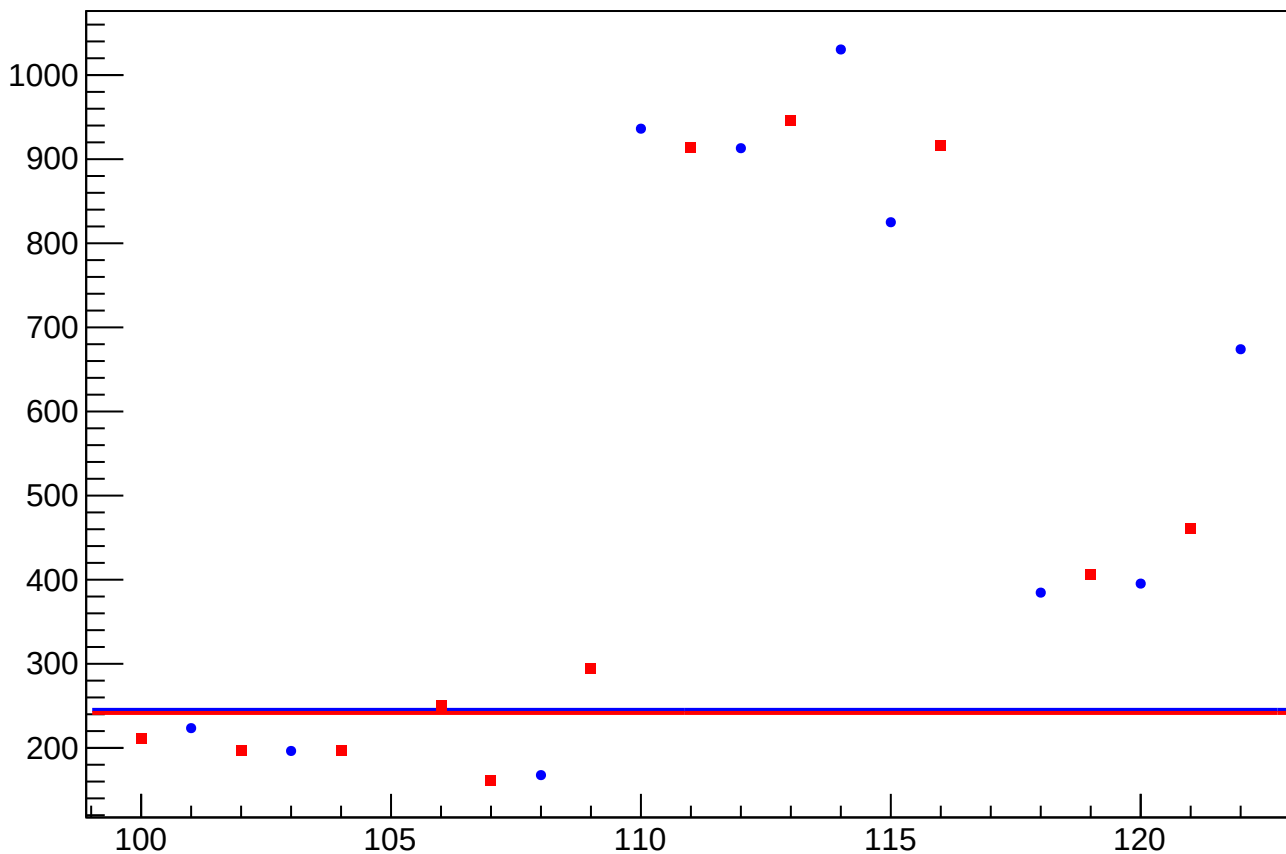
Right: 0.022 $\pm$ 0.097 χ^2/NDF : 24.3/20

In: 0.091 $\pm$ 0.140 χ^2/NDF : 6.5/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.022 $\pm$ 0.097 χ^2/NDF : 24.3/20

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: 241.593+/-0.094 χ^2/NDF : 1924709.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

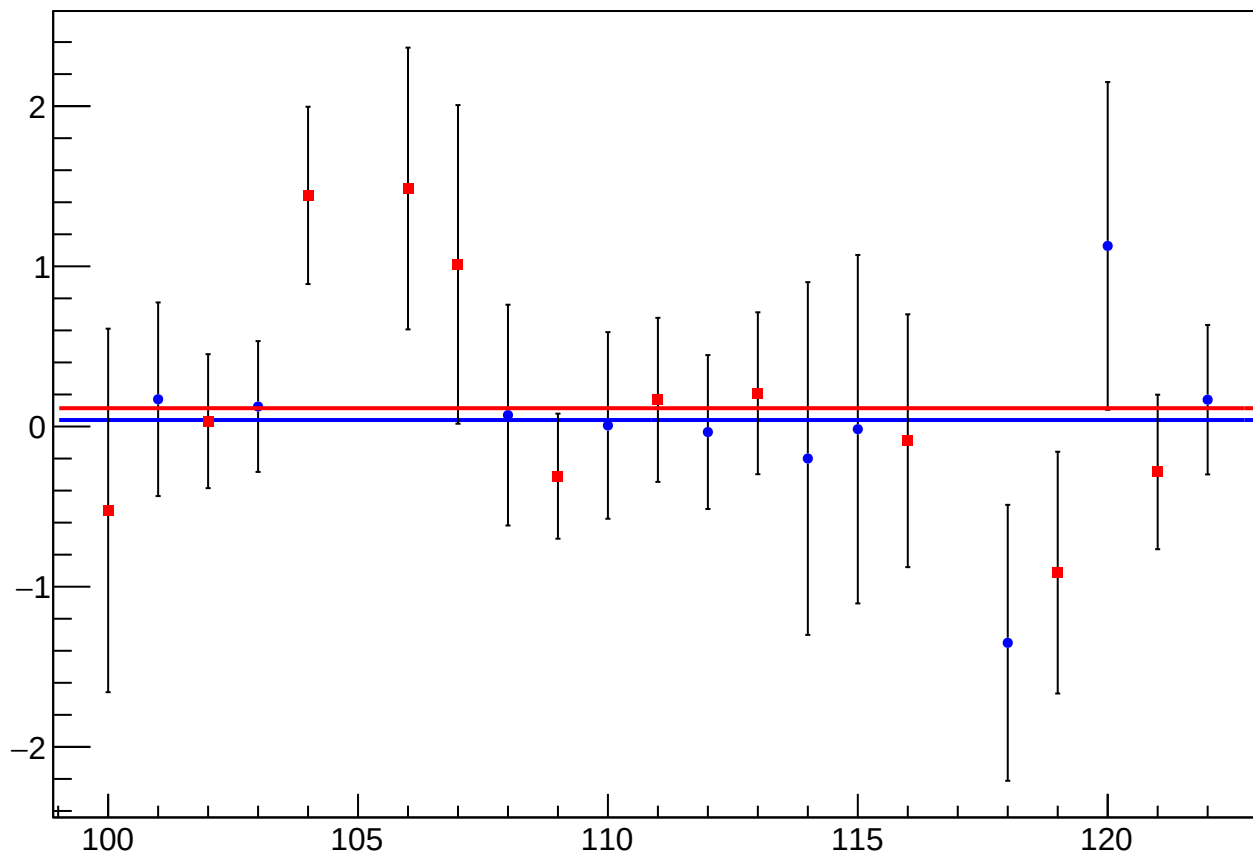
Right: 243.322+/-0.068 χ^2/NDF : 3973127.5/20

In: 245.234+/-0.099 χ^2/NDF :2047712.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 243.322+/-0.068 χ^2/NDF : 3973127.5/20

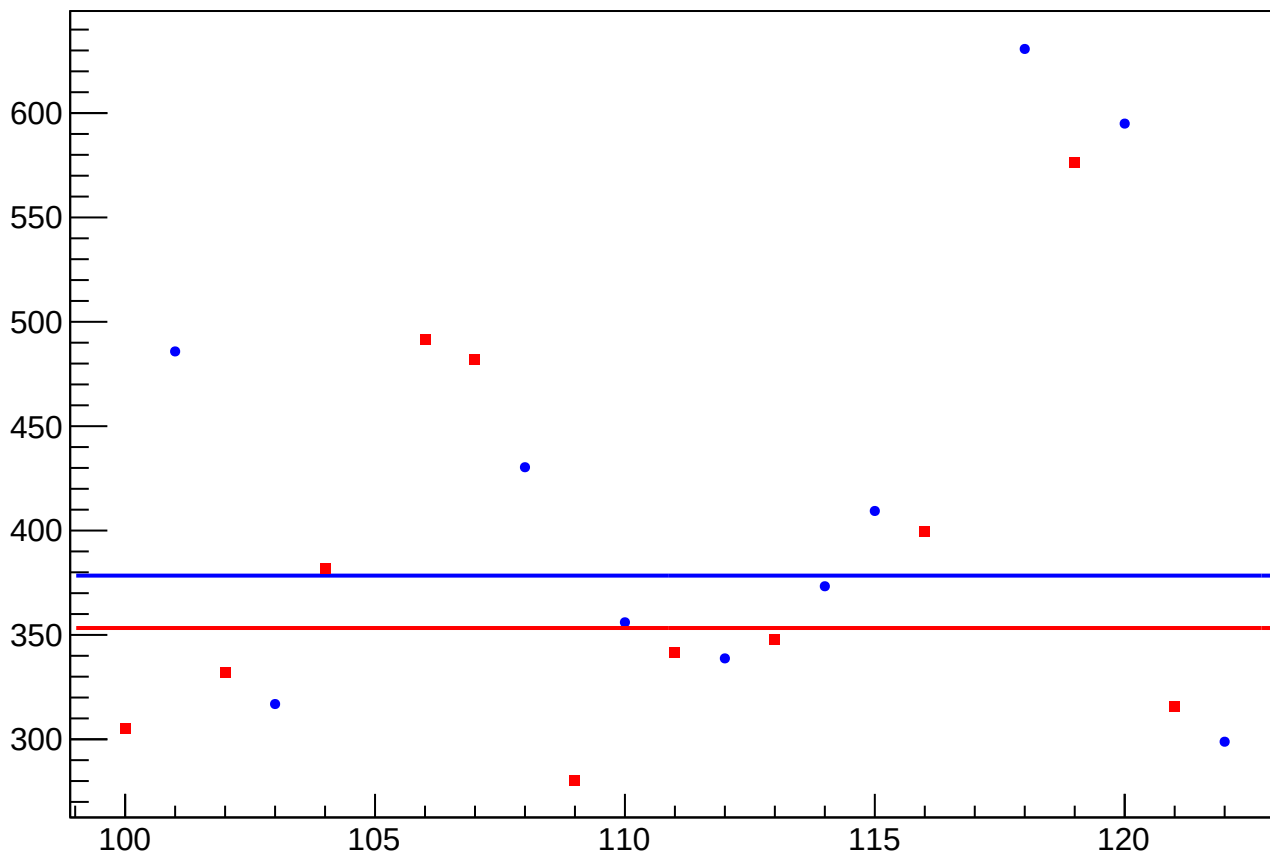
diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.194 χ^2/NDF : 4.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.114+/-0.171 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: 0.082+/-0.128 χ^2/NDF : 17.2/20
 In: 0.041+/-0.194 χ^2/NDF :4.0/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.082+/-0.128 χ^2/NDF : 17.2/20

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: 353.311+/-0.121 χ^2/NDF : 361389.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

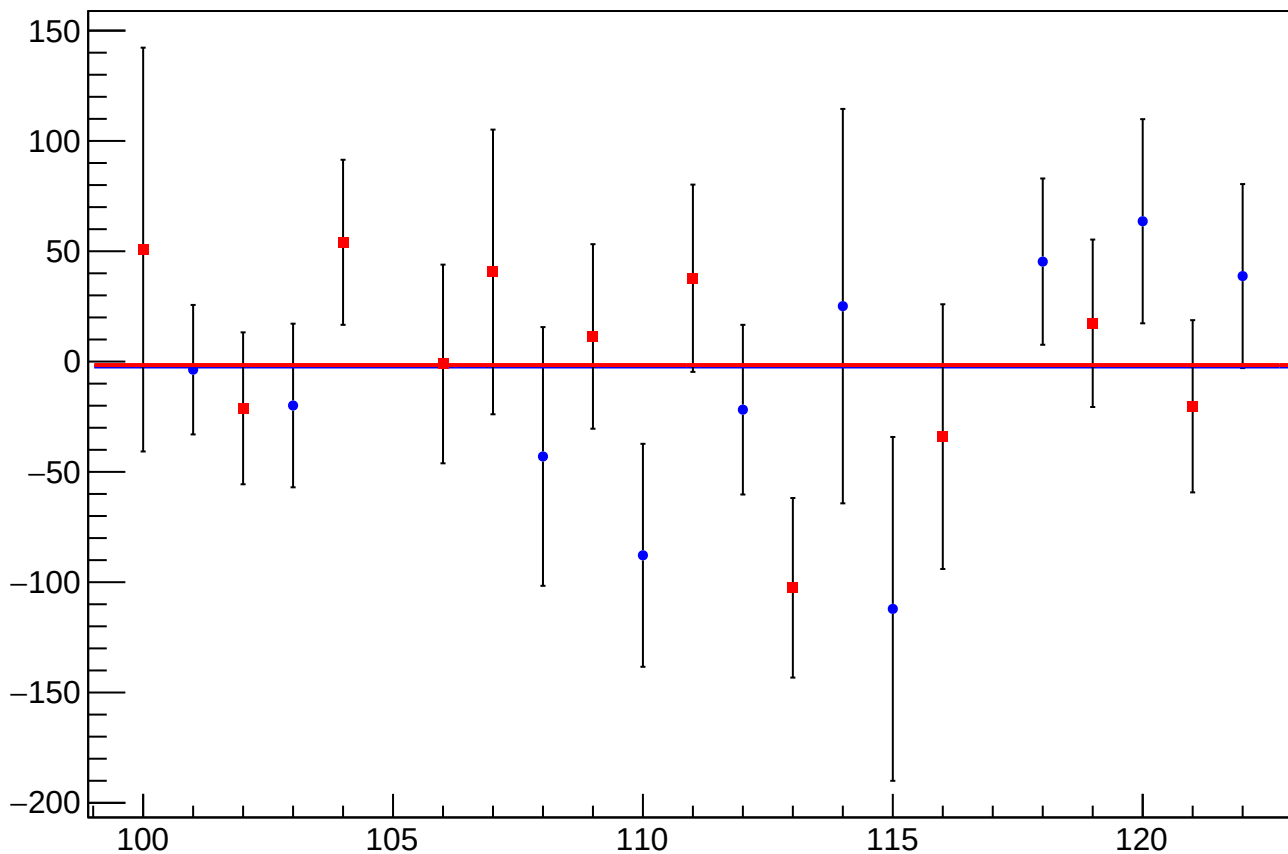
Right: 364.348+/-0.091 χ^2/NDF : 837831.6/20

In: 378.415+/-0.137 χ^2/NDF : 457593.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.348+/-0.091 χ^2/NDF : 837831.6/20

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: -1.577 ± 13.164 χ^2/NDF : 11.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

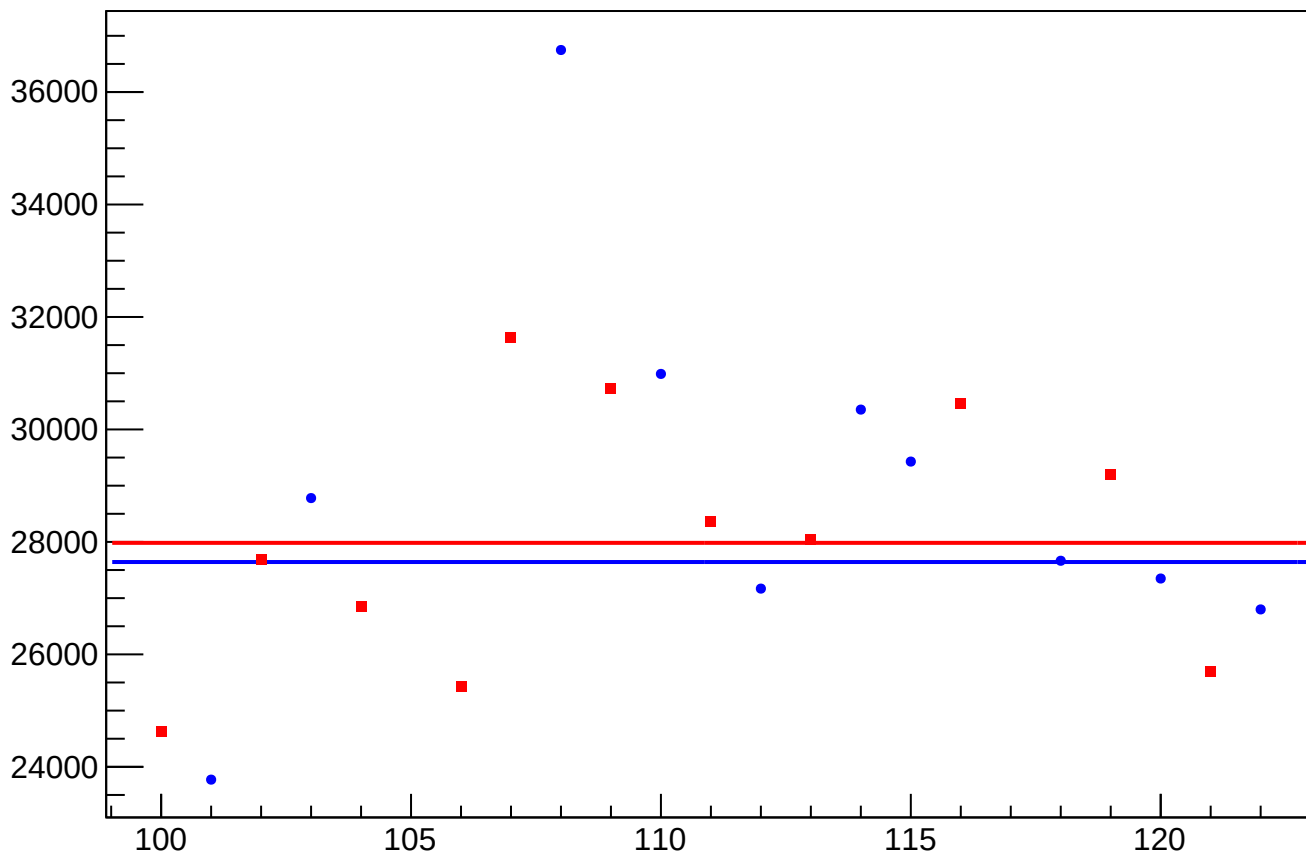
Right: -1.892 ± 9.511 χ^2/NDF : 21.7/20

In: -2.236 ± 13.757 χ^2/NDF : 10.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.892 ± 9.511 χ^2/NDF : 21.7/20

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: 27983.242+/-9.308 χ^2/NDF : 38569.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

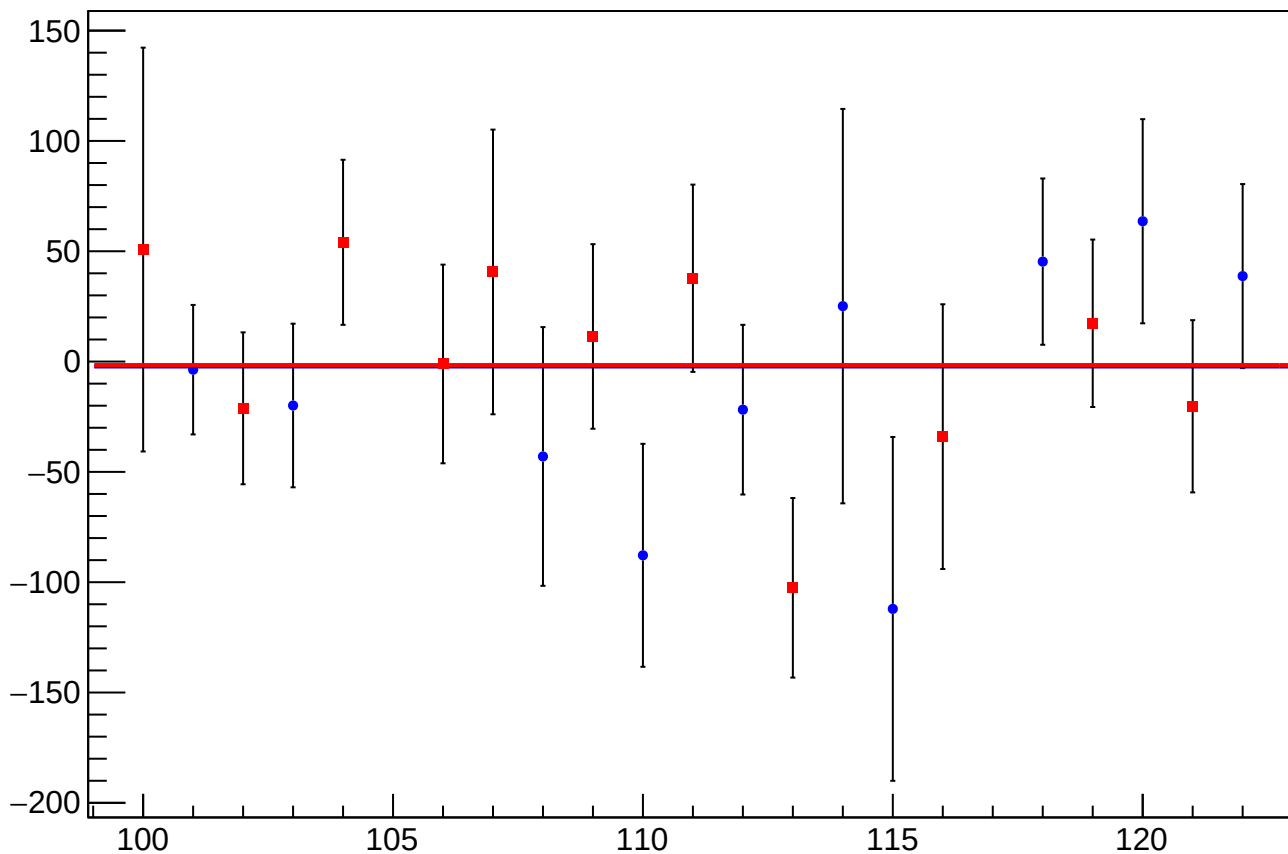
Right: 27820.309+/-6.725 χ^2/NDF : 136965.3/20

In: 27642.354+/-9.728 χ^2/NDF : 97755.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27820.309+/-6.725 χ^2/NDF : 136965.3/20

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: -1.577 ± 13.164 χ^2/NDF : 11.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

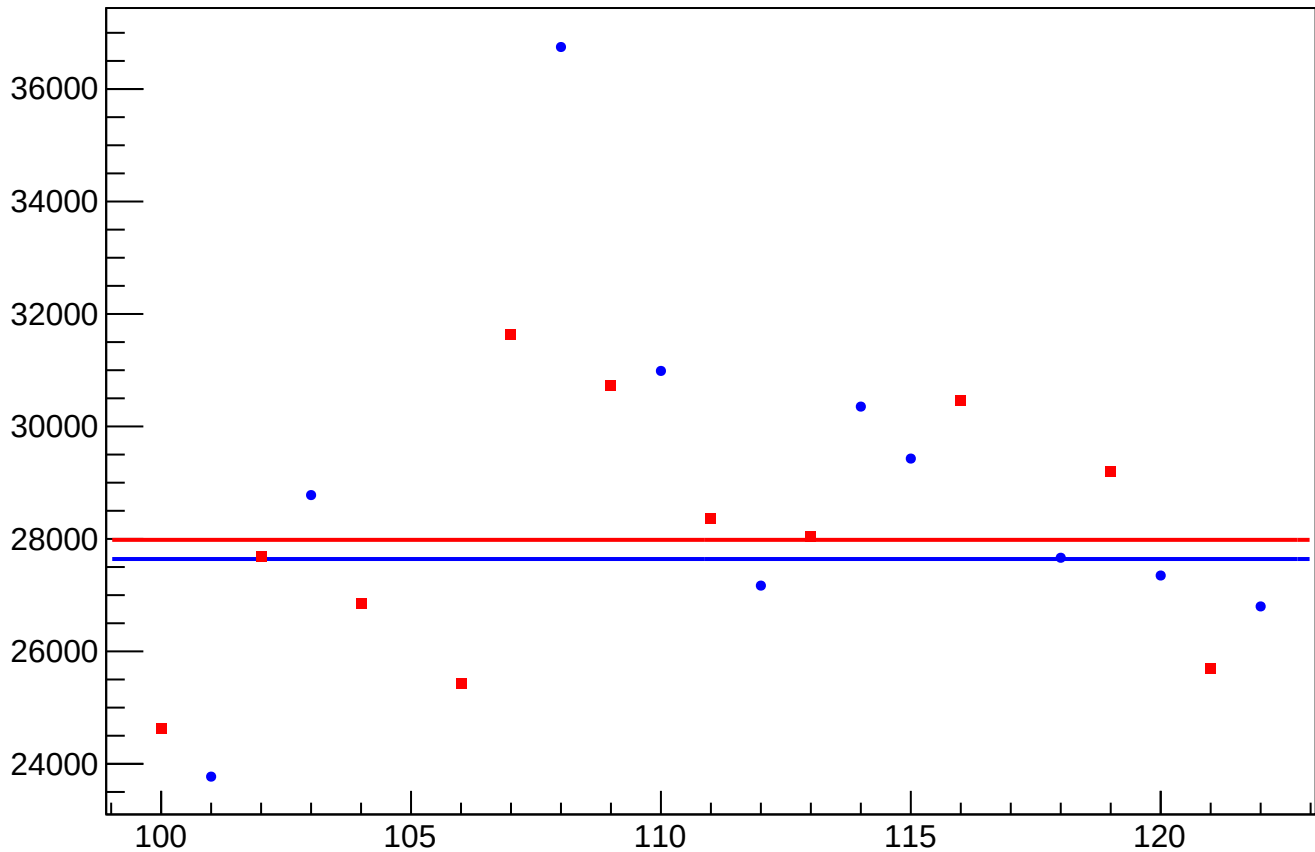
Right: -1.892 ± 9.511 χ^2/NDF : 21.7/20

In: -2.236 ± 13.757 χ^2/NDF : 10.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.892 ± 9.511 χ^2/NDF : 21.7/20

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: 27983.242+/-9.308 χ^2/NDF : 38569.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

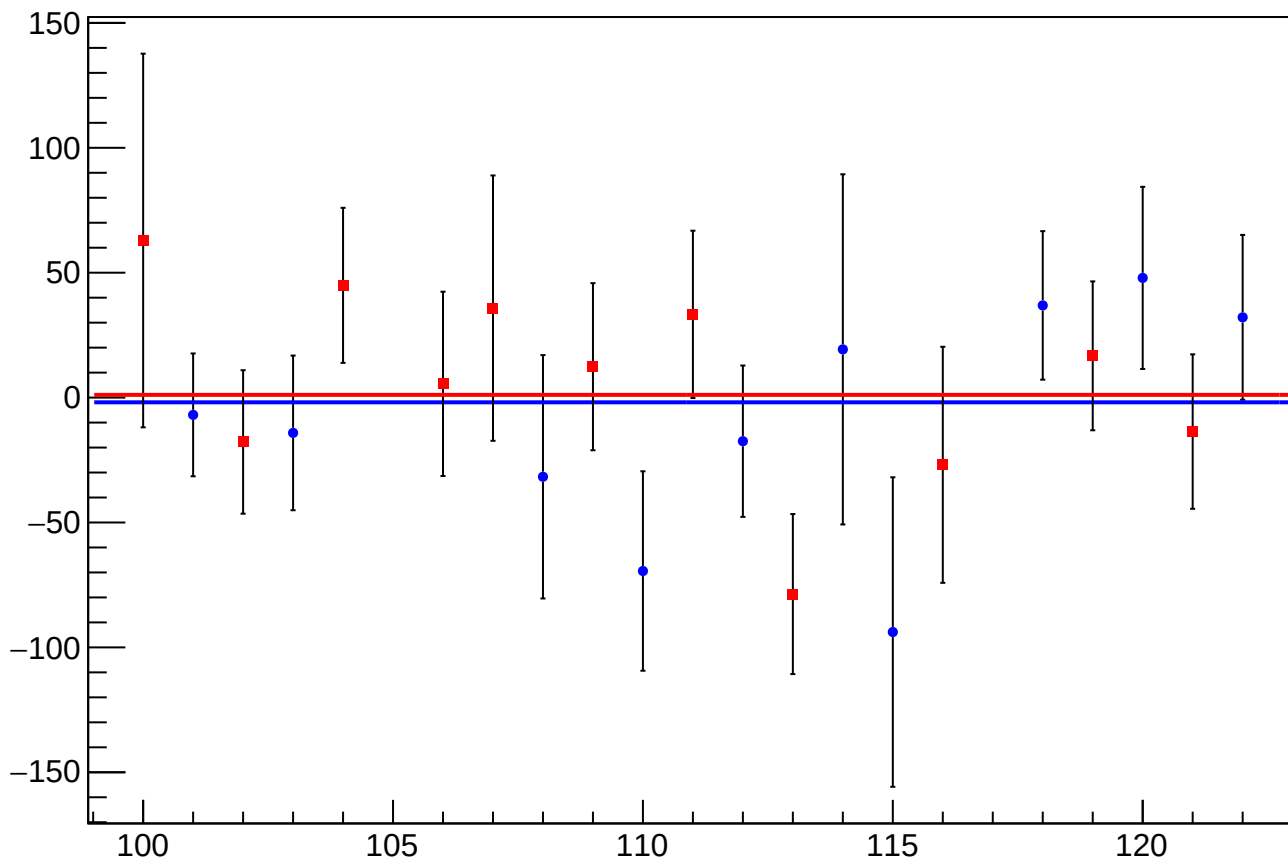
Right: 27820.309+/-6.725 χ^2/NDF : 136965.3/20

In: 27642.354+/-9.728 χ^2/NDF : 97755.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27820.309+/-6.725 χ^2/NDF : 136965.3/20

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: 1.098+/-10.601 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

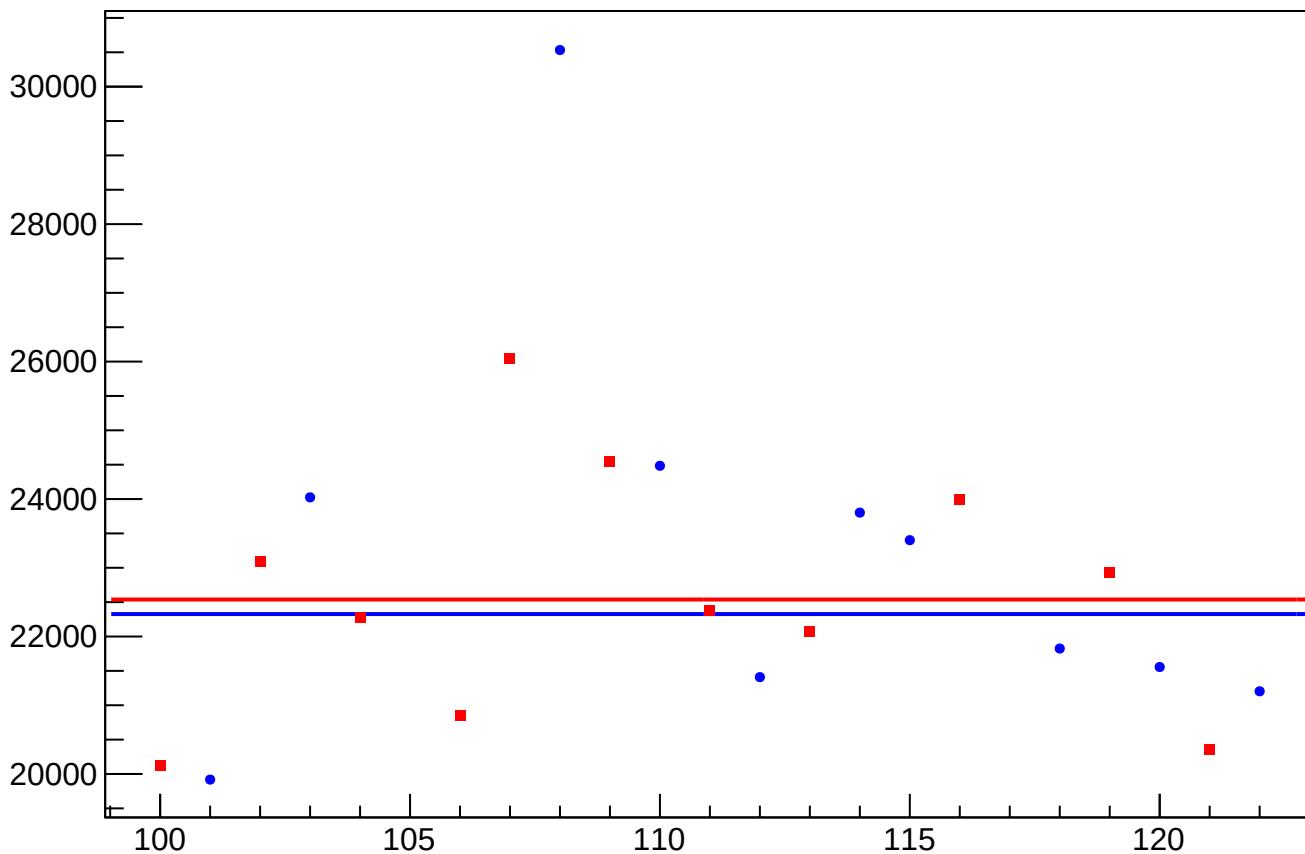
Right: -0.325+/-7.670 χ^2/NDF : 22.3/20

In: -1.888+/-11.110 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.325+/-7.670 χ^2/NDF : 22.3/20

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: 22538.431+/-7.496 χ^2/NDF : 35703.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

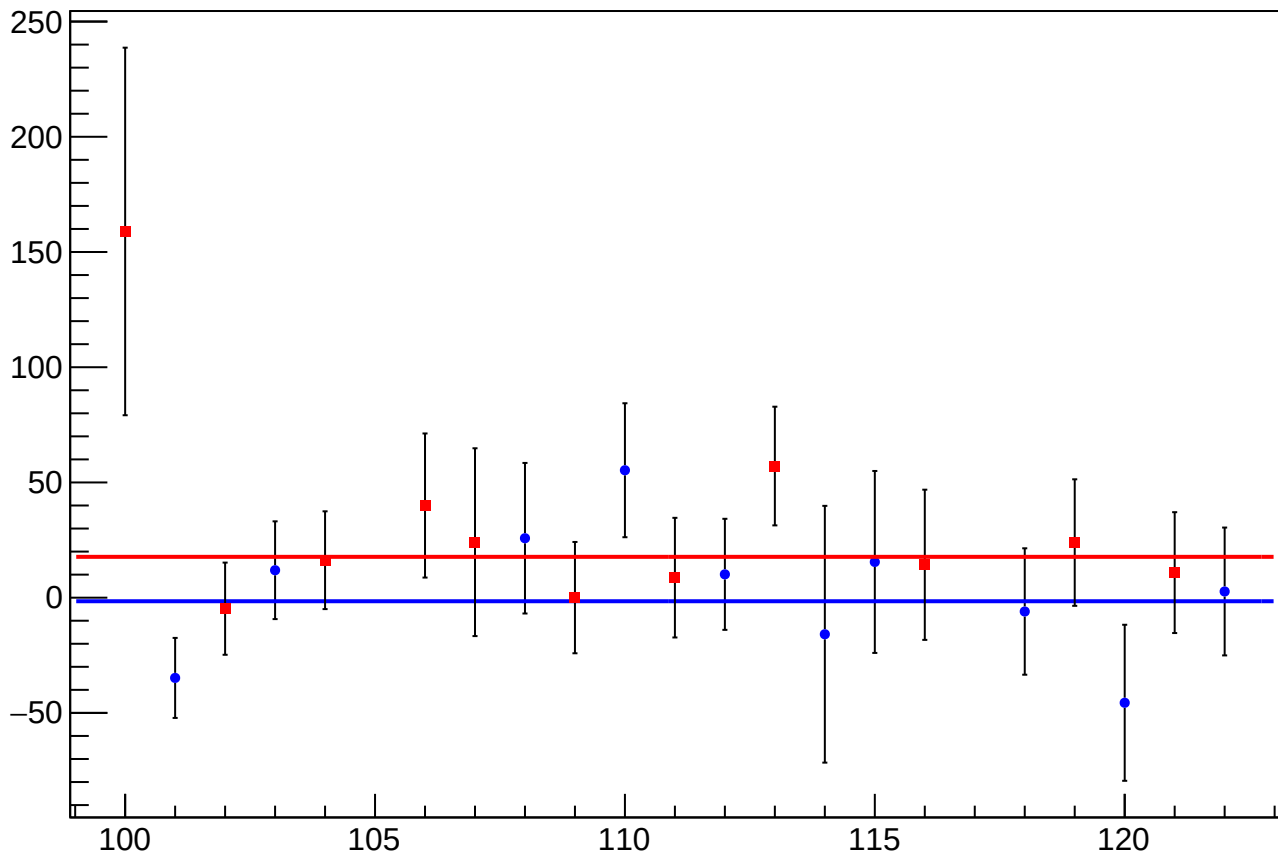
Right: 22437.480+/-5.423 χ^2/NDF : 130981.1/20

In: 22326.613+/-7.856 χ^2/NDF :94896.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22437.480+/-5.423 χ^2/NDF : 130981.1/20

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: 17.722 ± 8.183 χ^2/NDF : 8.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

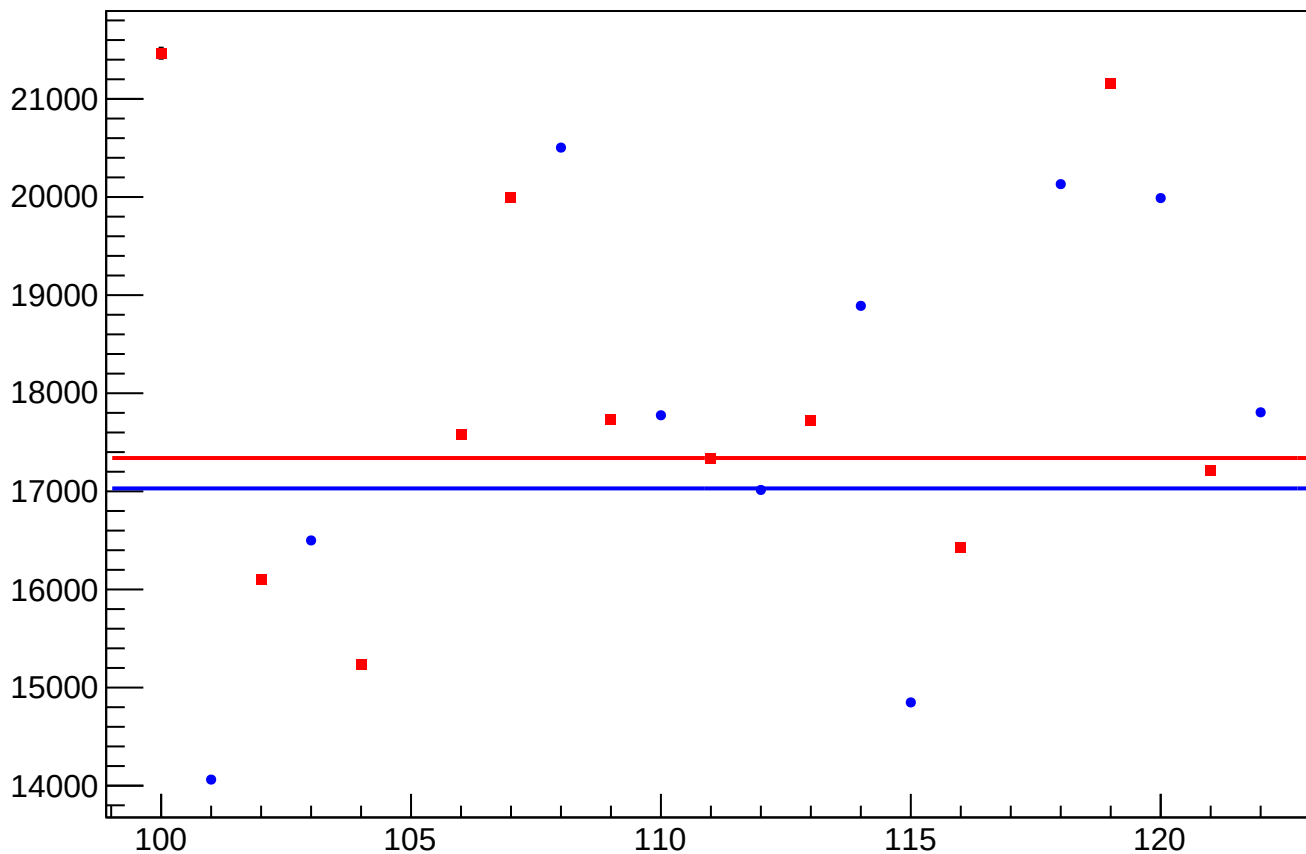
Right: 8.452 ± 5.894 χ^2/NDF : 21.6/20

In: -1.544 ± 8.498 χ^2/NDF : 10.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.452 ± 5.894 χ^2/NDF : 21.6/20

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 17029.904+/-6.009 χ^2/NDF : 134369.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 17339.725+/-5.786 χ^2/NDF : 82529.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

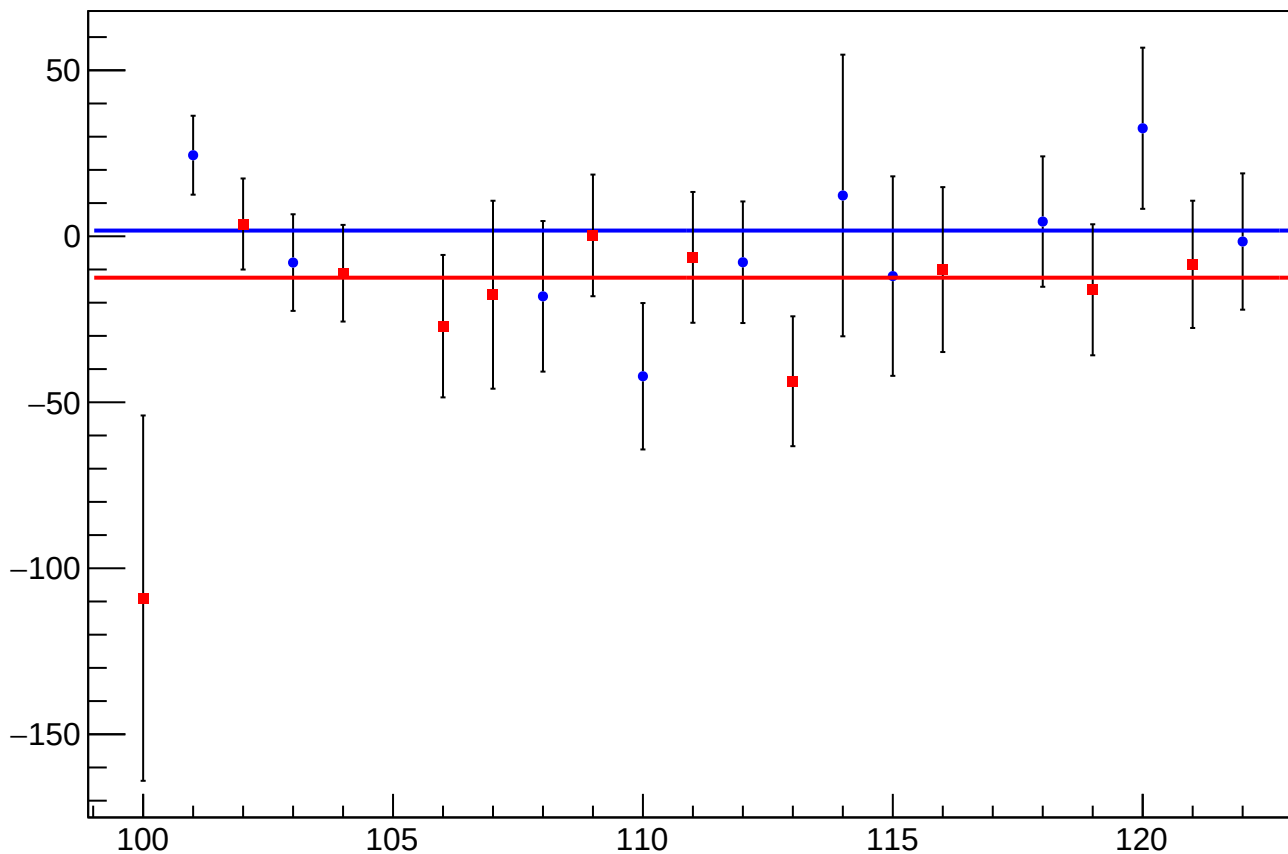
Right: 17190.659+/-4.168 χ^2/NDF : 218278.4/20

In: 17029.904+/-6.009 χ^2/NDF :134369.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17190.659+/-4.168 χ^2/NDF : 218278.4/20

diff_bpm4aediffX_mean vs Slug, Sign Corrected



Right In: 1.726+/-6.074 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.469+/-5.886 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

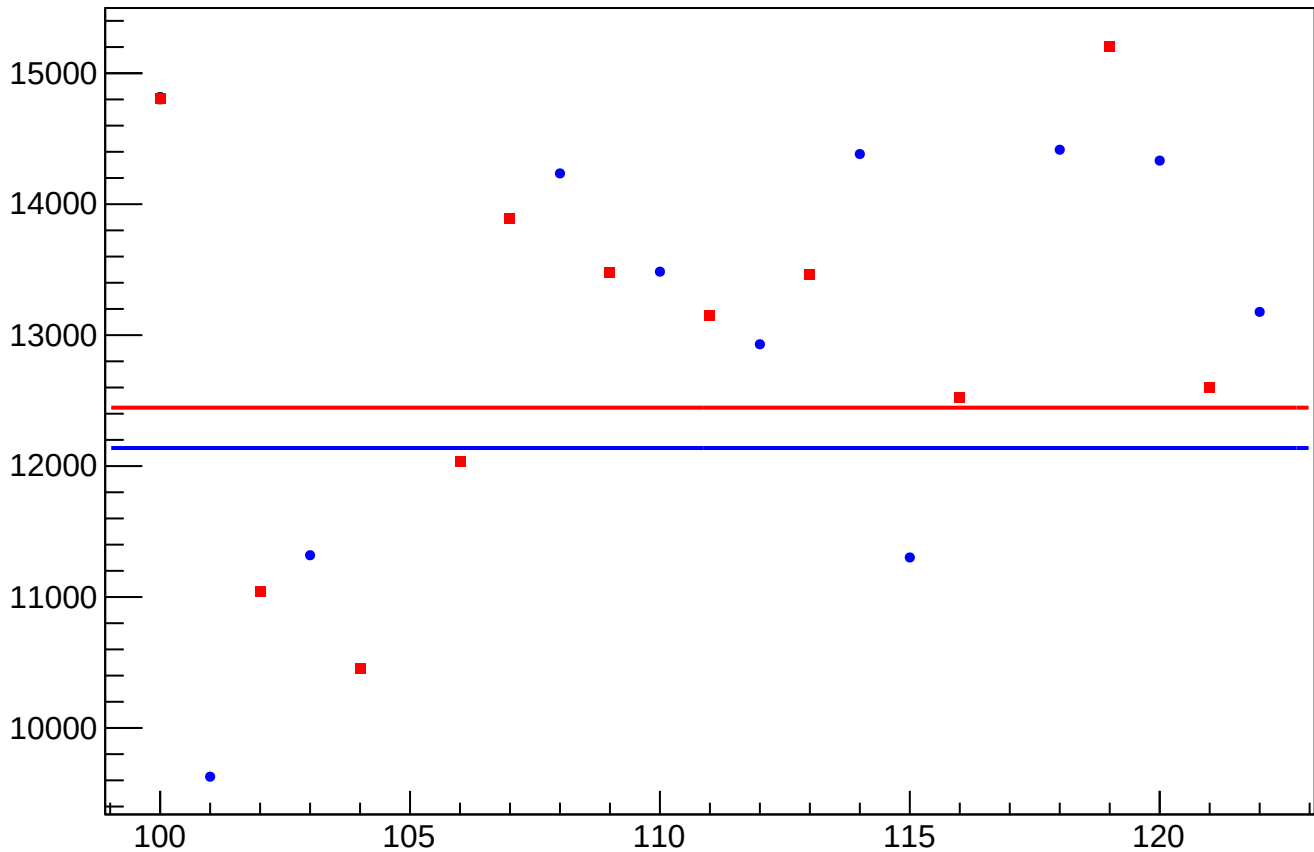
Right: -5.595+/-4.227 χ^2/NDF : 22.0/20

In: 1.726+/-6.074 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.595+/-4.227 χ^2/NDF : 22.0/20

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: 12446.073+/-4.162 χ^2/NDF : 121526.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

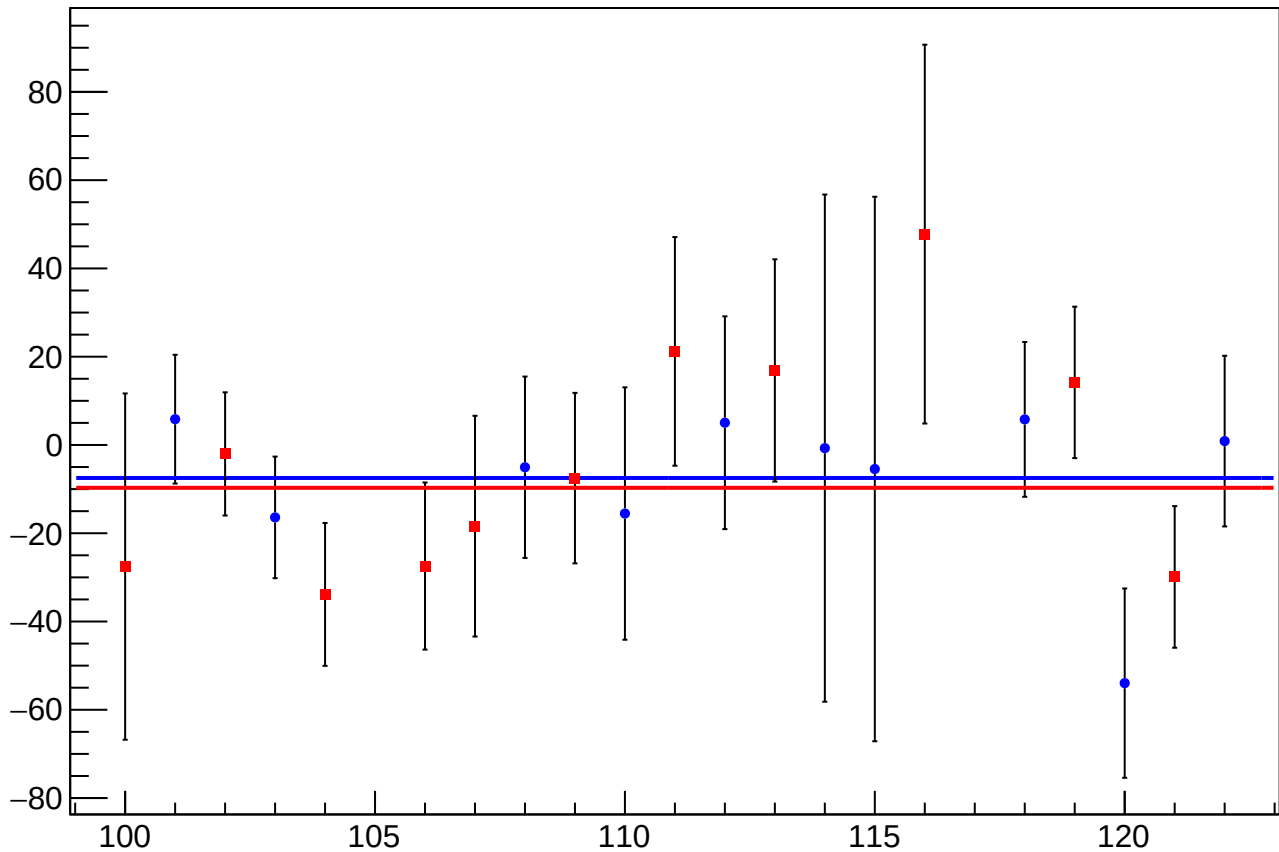
Right: 12296.811+/-2.989 χ^2/NDF : 303531.4/20

In: 12137.867+/-4.295 χ^2/NDF : 179348.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12296.811+/-2.989 χ^2/NDF : 303531.4/20

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -7.477 ± 6.462 χ^2/NDF : 7.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.700 ± 6.024 χ^2/NDF : 11.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

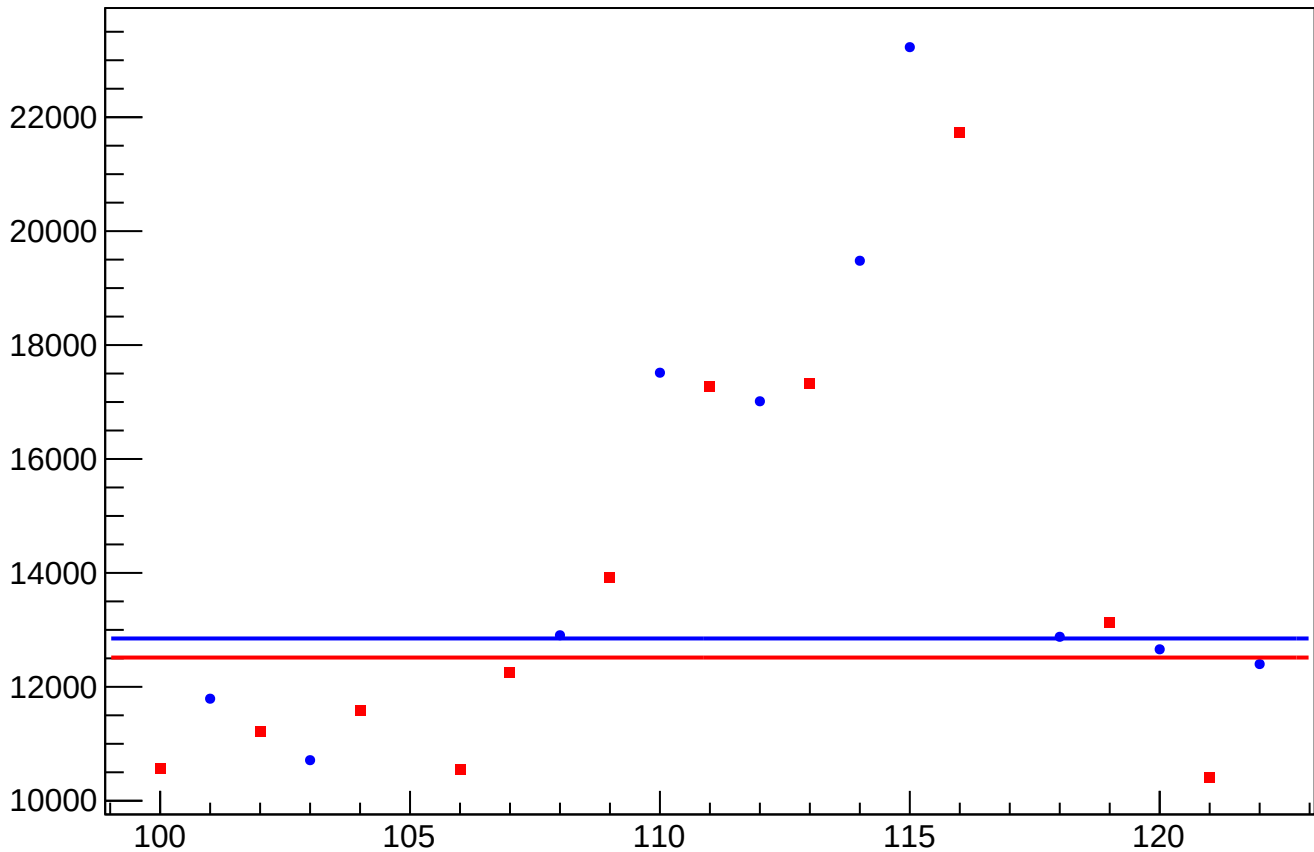
Right: -8.667 ± 4.406 χ^2/NDF : 18.8/20

In: -7.477 ± 6.462 χ^2/NDF : 7.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.667 ± 4.406 χ^2/NDF : 18.8/20

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: 12514.342+/-4.259 χ^2/NDF : 331010.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

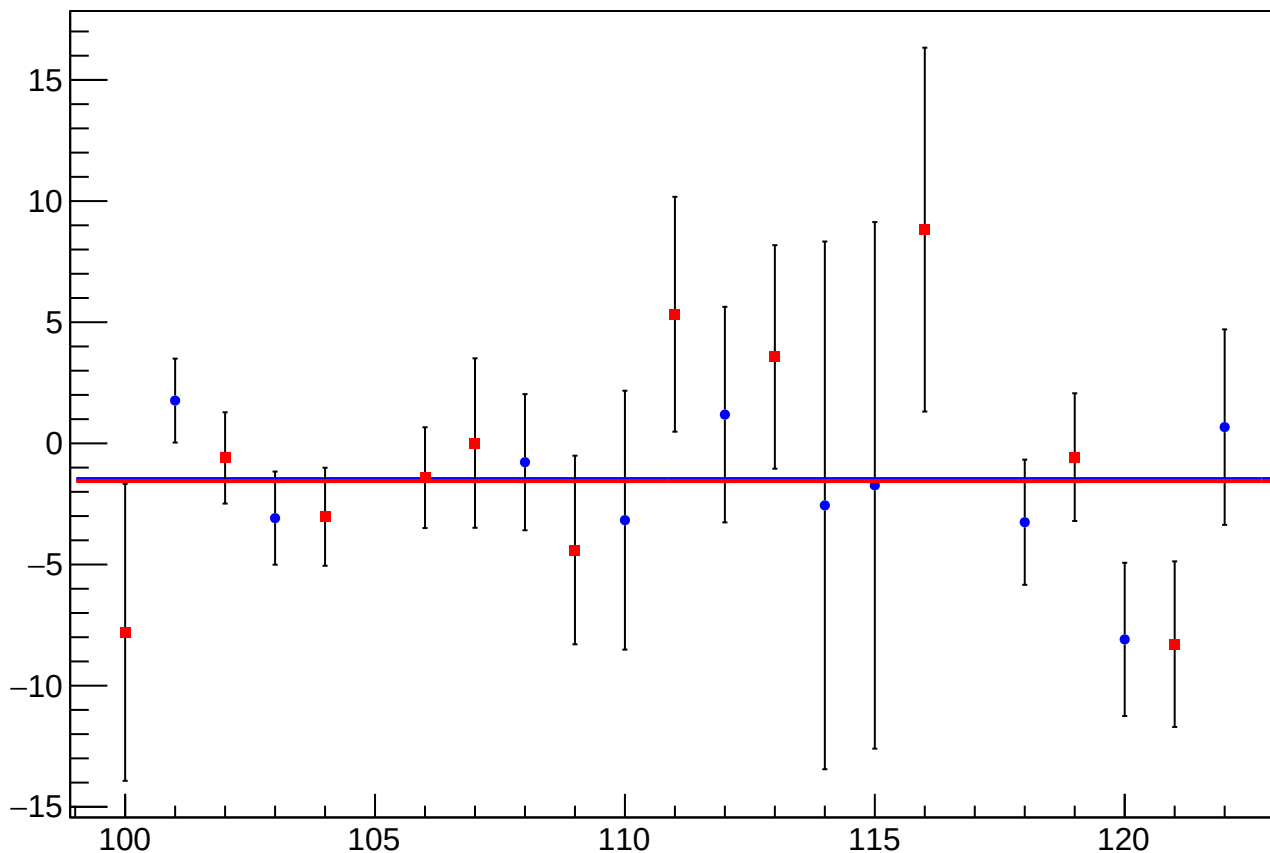
Right: 12669.975+/-3.116 χ^2/NDF : 589928.0/20

In: 12849.109+/-4.570 χ^2/NDF : 256045.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12669.975+/-3.116 χ^2/NDF : 589928.0/20

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: -1.556+/-0.888 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

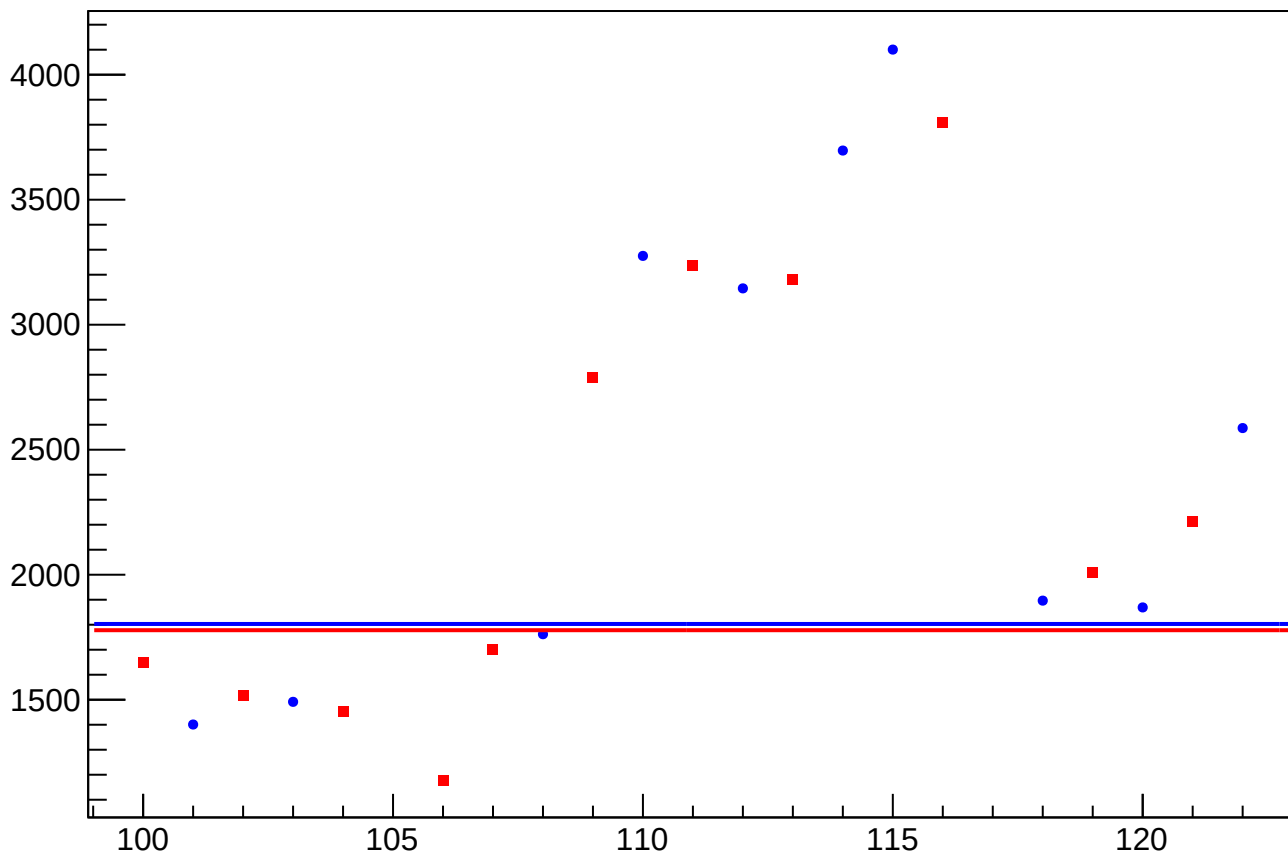
Right: -1.517+/-0.644 χ^2/NDF : 21.6/20

In: -1.474+/-0.935 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.517+/-0.644 χ^2/NDF : 21.6/20

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: 1778.074+/-0.628 χ^2/NDF : 954128.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

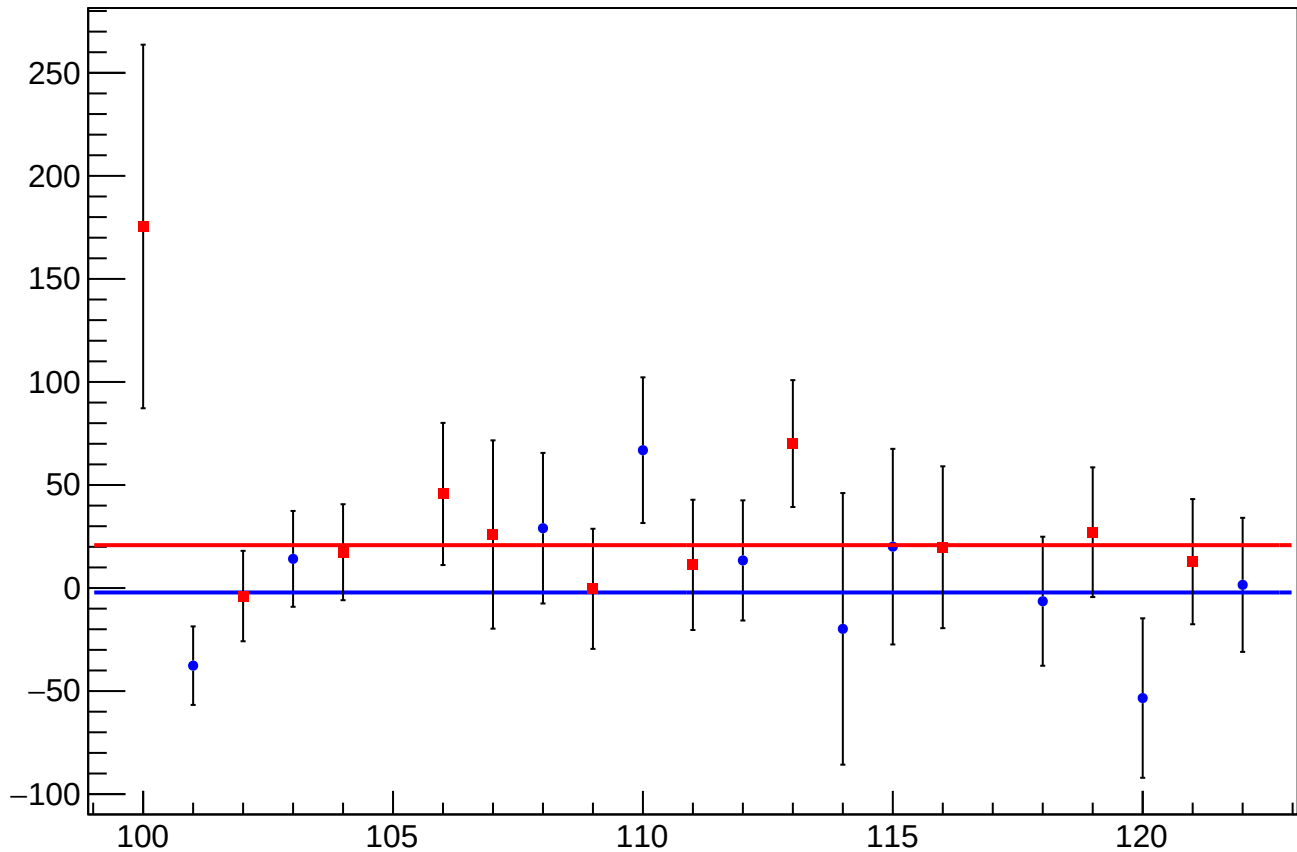
Right: 1789.907+/-0.455 χ^2/NDF : 1678475.2/20

In: 1803.021+/-0.661 χ^2/NDF : 723597.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1789.907+/-0.455 χ^2/NDF : 1678475.2/20

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: 20.814+/-9.388 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

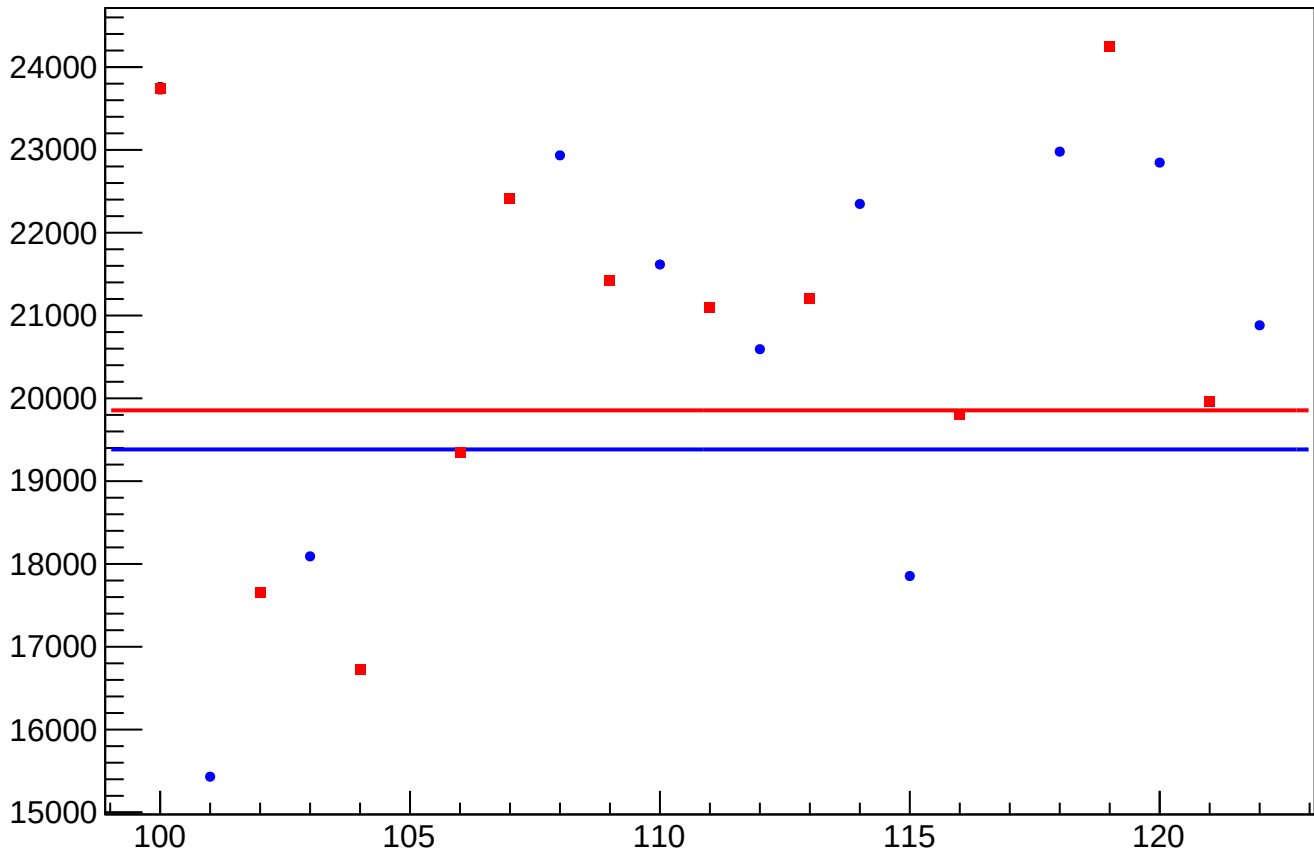
Right: 9.701+/-6.745 χ^2/NDF : 22.0/20

In: -2.154+/-9.696 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.701+/-6.745 χ^2/NDF : 22.0/20

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: 19854.948 +/- 6.638 χ^2/NDF : 118527.9/10

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

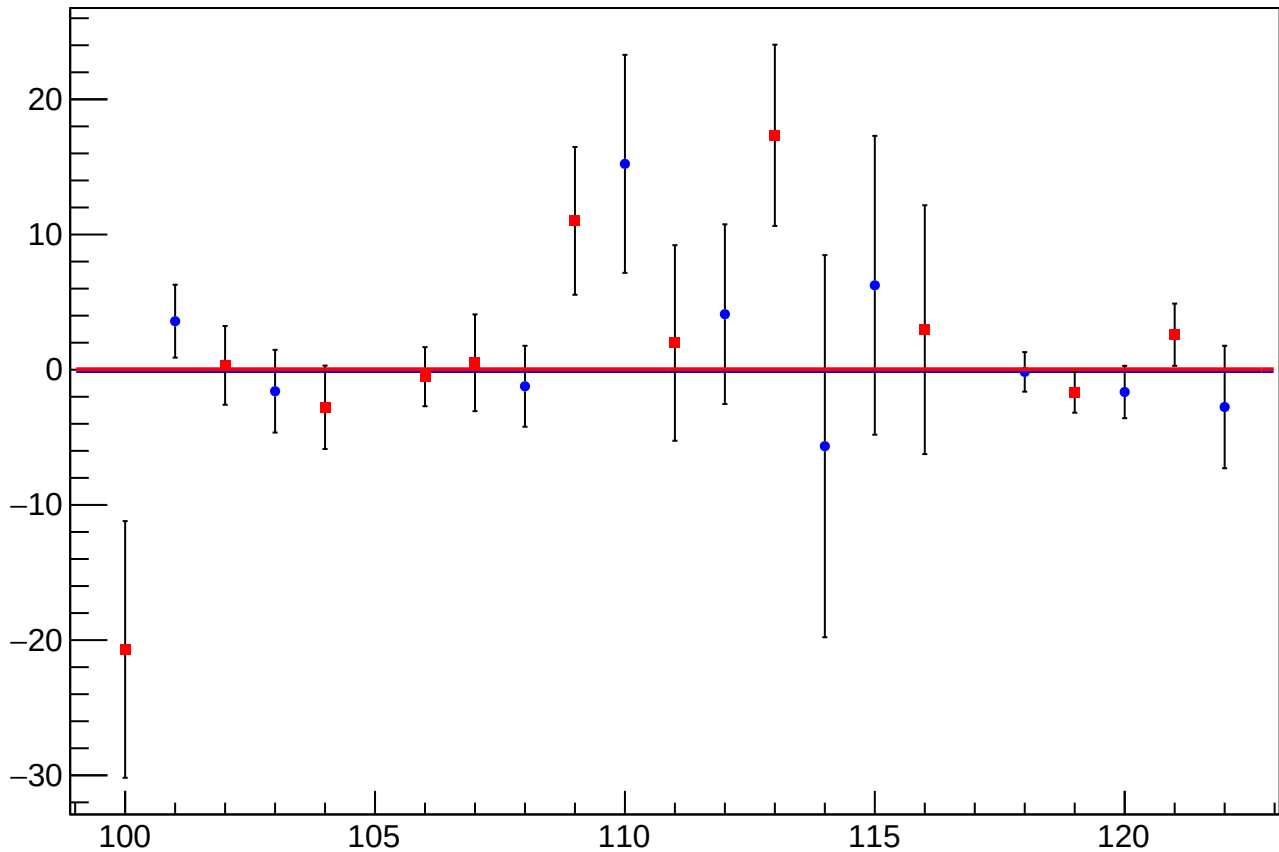
Right: 19626.597 +/- 4.769 χ^2/NDF : 296272.3/20

In: 19382.989 +/- 6.856 χ^2/NDF : 175298.7/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 19626.597 +/- 4.769 χ^2/NDF : 296272.3/20

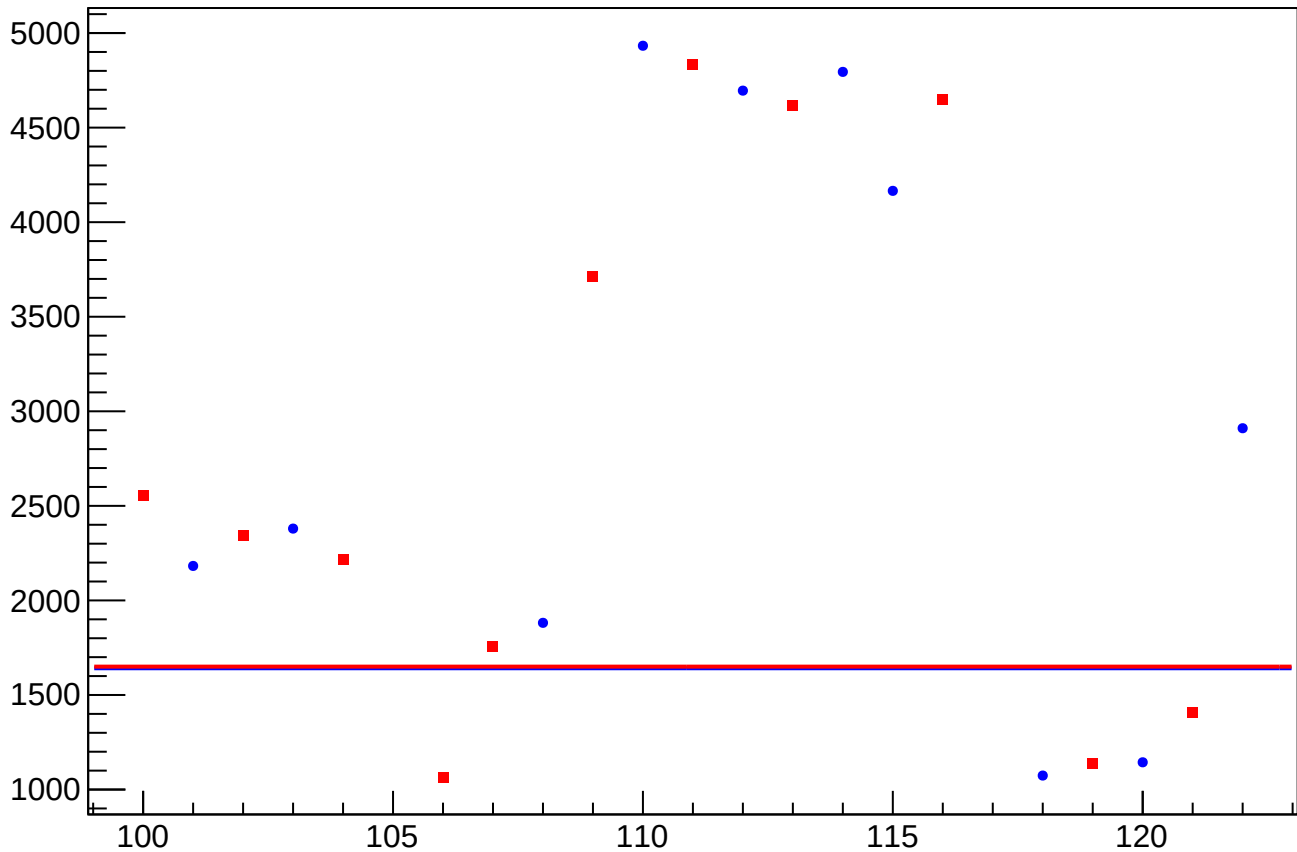
diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: -0.093 ± 0.916 $\chi^2/\text{NDF}: 7.7/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.034 ± 0.901 $\chi^2/\text{NDF}: 19.0/10$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.028 ± 0.642 $\chi^2/\text{NDF}: 26.8/20$
 In: -0.093 ± 0.916 $\chi^2/\text{NDF}: 7.7/9$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.028 ± 0.642 $\chi^2/\text{NDF}: 26.8/20$

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: 1649.922+/-0.637 χ^2/NDF : 1874823.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

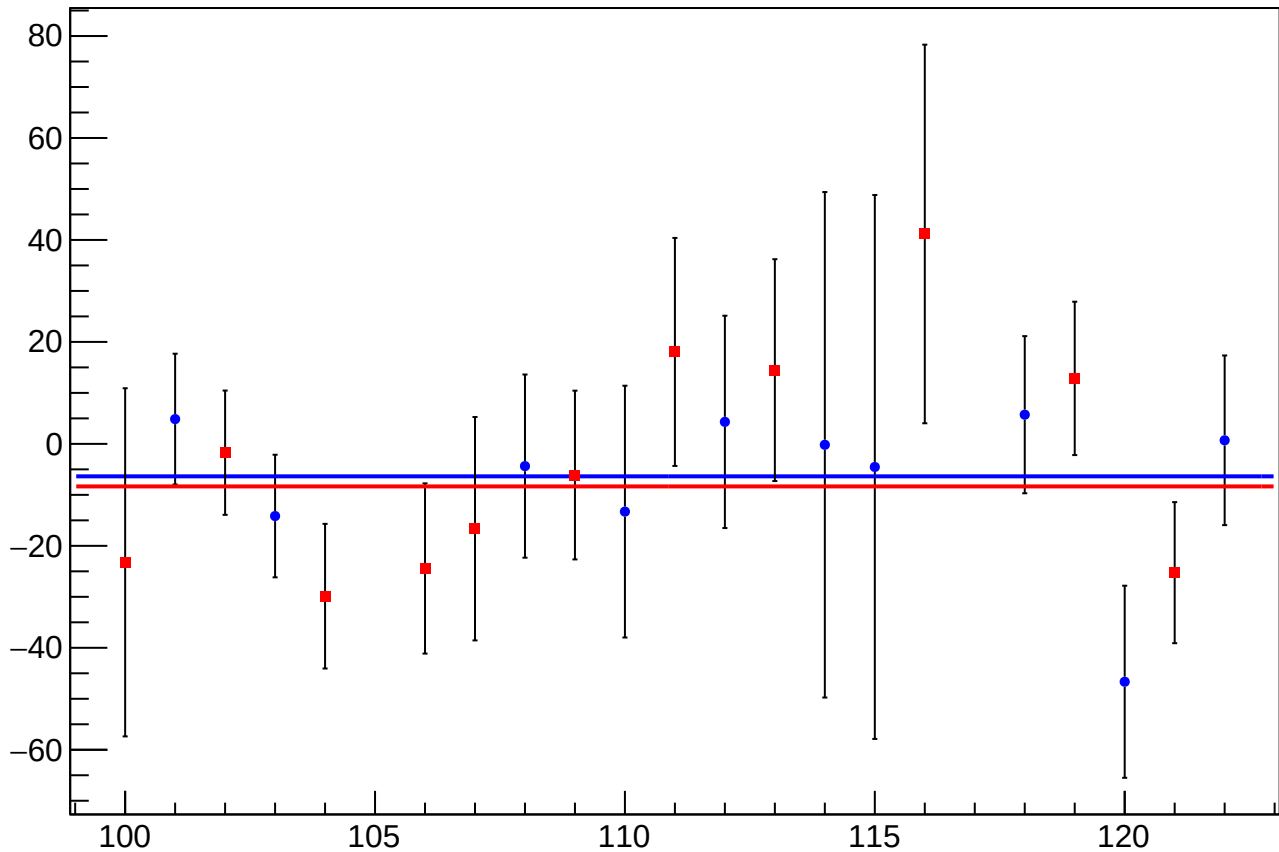
Right: 1645.705+/-0.454 χ^2/NDF : 3634517.1/20

In: 1641.338+/-0.648 χ^2/NDF : 1759604.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1645.705+/-0.454 χ^2/NDF : 3634517.1/20

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: -8.344+/-5.244 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

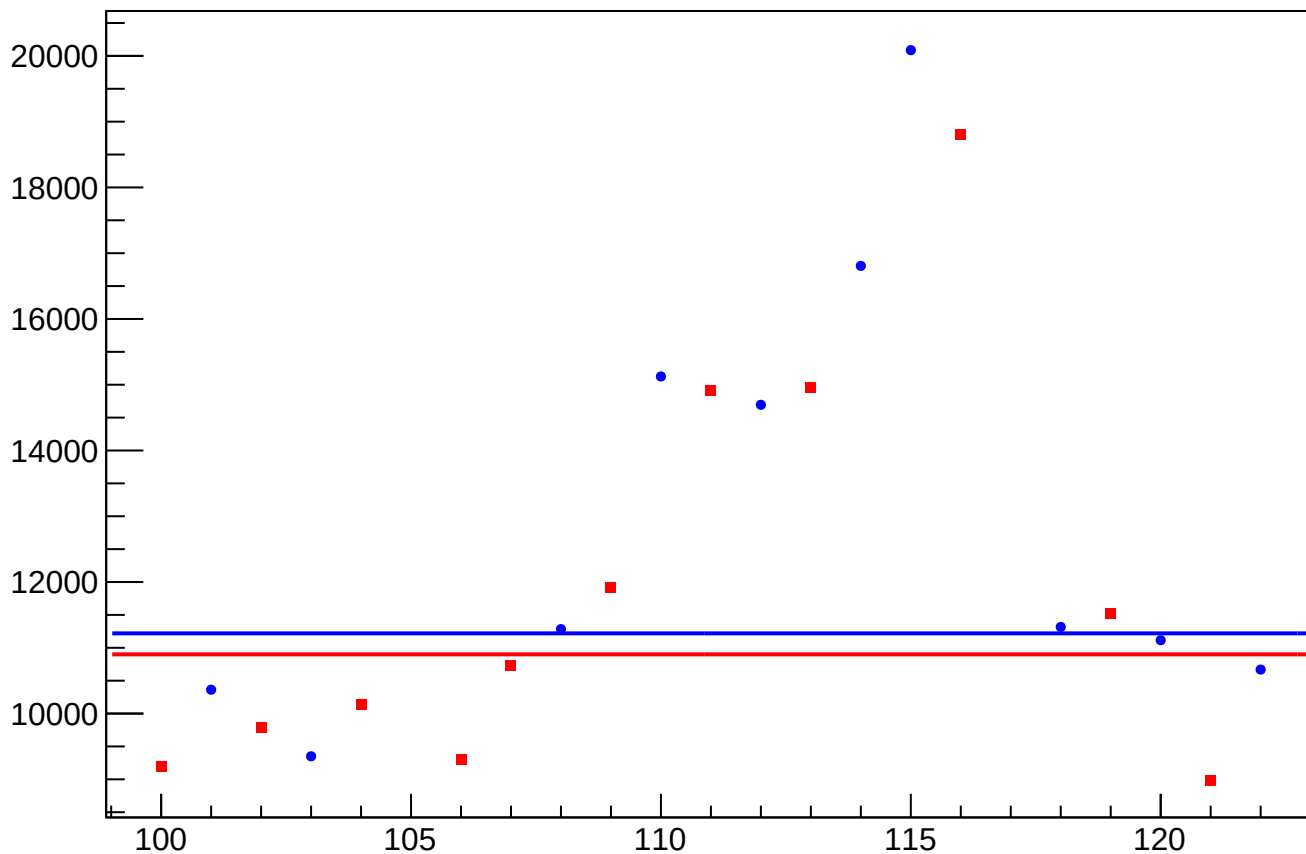
Right: -7.428+/-3.840 χ^2/NDF : 18.6/20

In: -6.368+/-5.640 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.428+/-3.840 χ^2/NDF : 18.6/20

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: 10900.109+/-3.708 χ^2/NDF : 319647.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

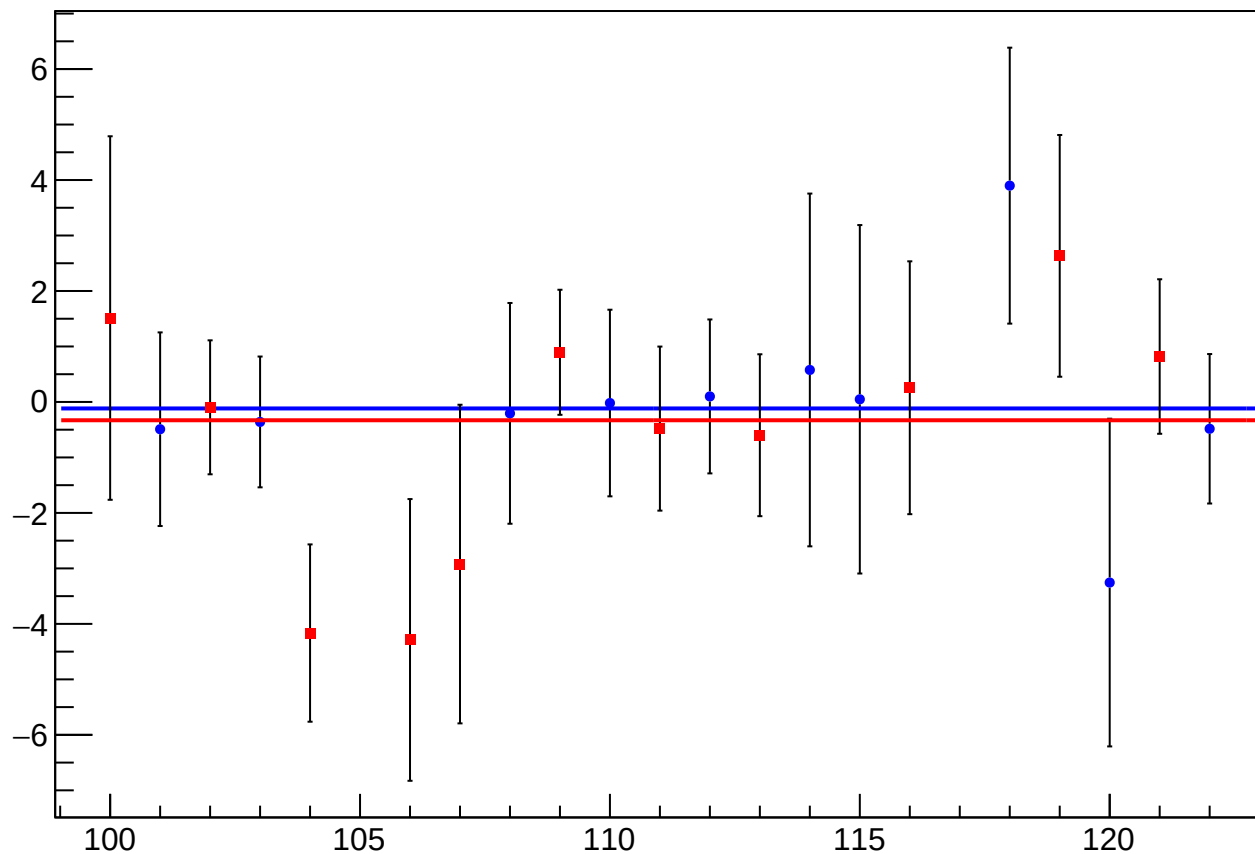
Right: 11048.127+/-2.716 χ^2/NDF : 569113.8/20

In: 11219.300+/-3.988 χ^2/NDF : 246031.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11048.127+/-2.716 χ^2/NDF : 569113.8/20

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.117+/-0.559 χ^2/NDF : 4.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.330+/-0.495 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

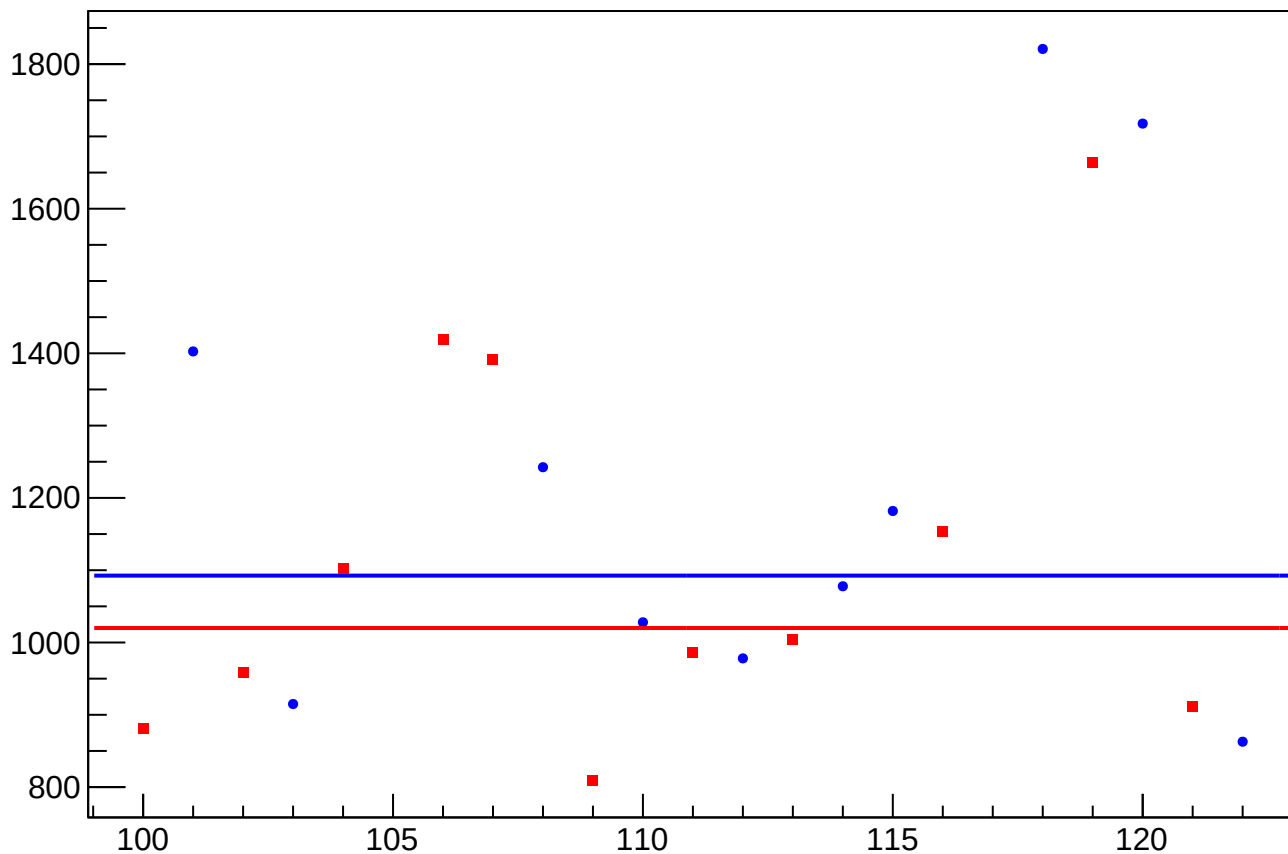
Right: -0.236+/-0.371 χ^2/NDF : 17.2/20

In: -0.117+/-0.559 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.236+/-0.371 χ^2/NDF : 17.2/20

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: 1020.052+/-0.350 χ^2/NDF : 361389.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

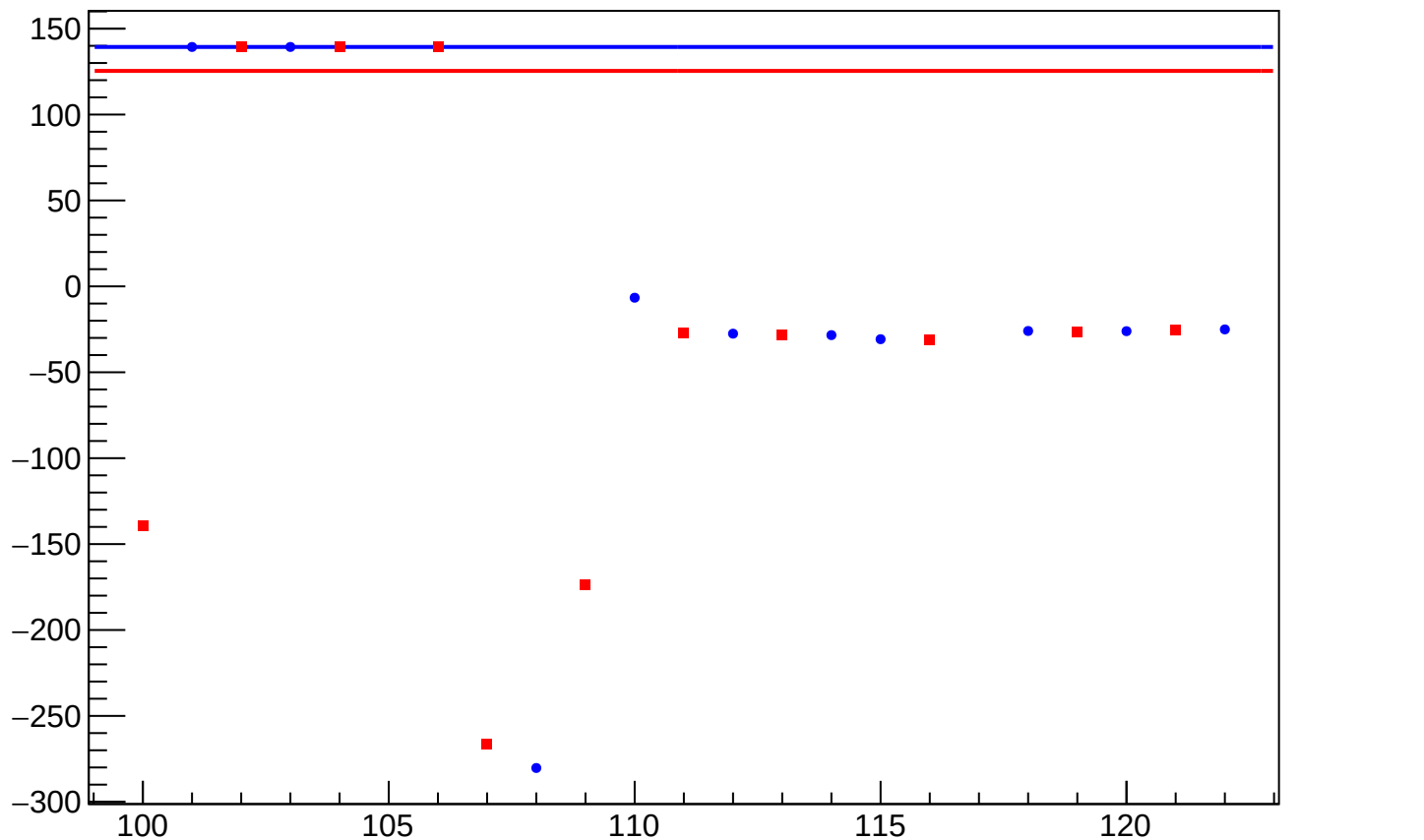
Right: 1051.916+/-0.262 χ^2/NDF : 837831.6/20

In: 1092.528+/-0.395 χ^2/NDF : 457593.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1051.916+/-0.262 χ^2/NDF : 837831.6/20

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338+/-0.000 χ^2/NDF : 23019792353.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.392+/-0.000 χ^2/NDF : 774155792889509.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

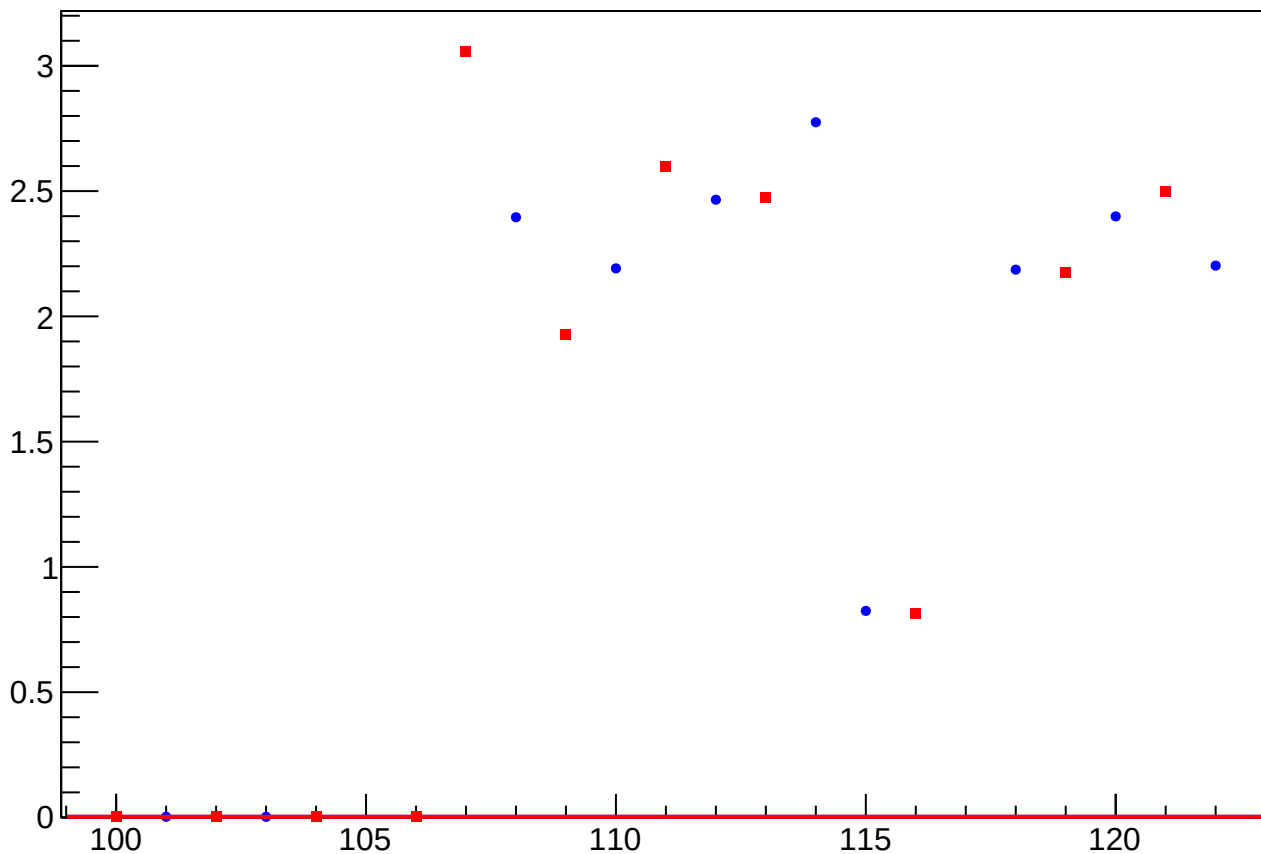
Right: 131.819+/-0.000 χ^2/NDF : 792964224907851

In: 139.338+/-0.000 χ^2/NDF : 23019792353.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.819+/-0.000 χ^2/NDF : 792964224907

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 : 4926092.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

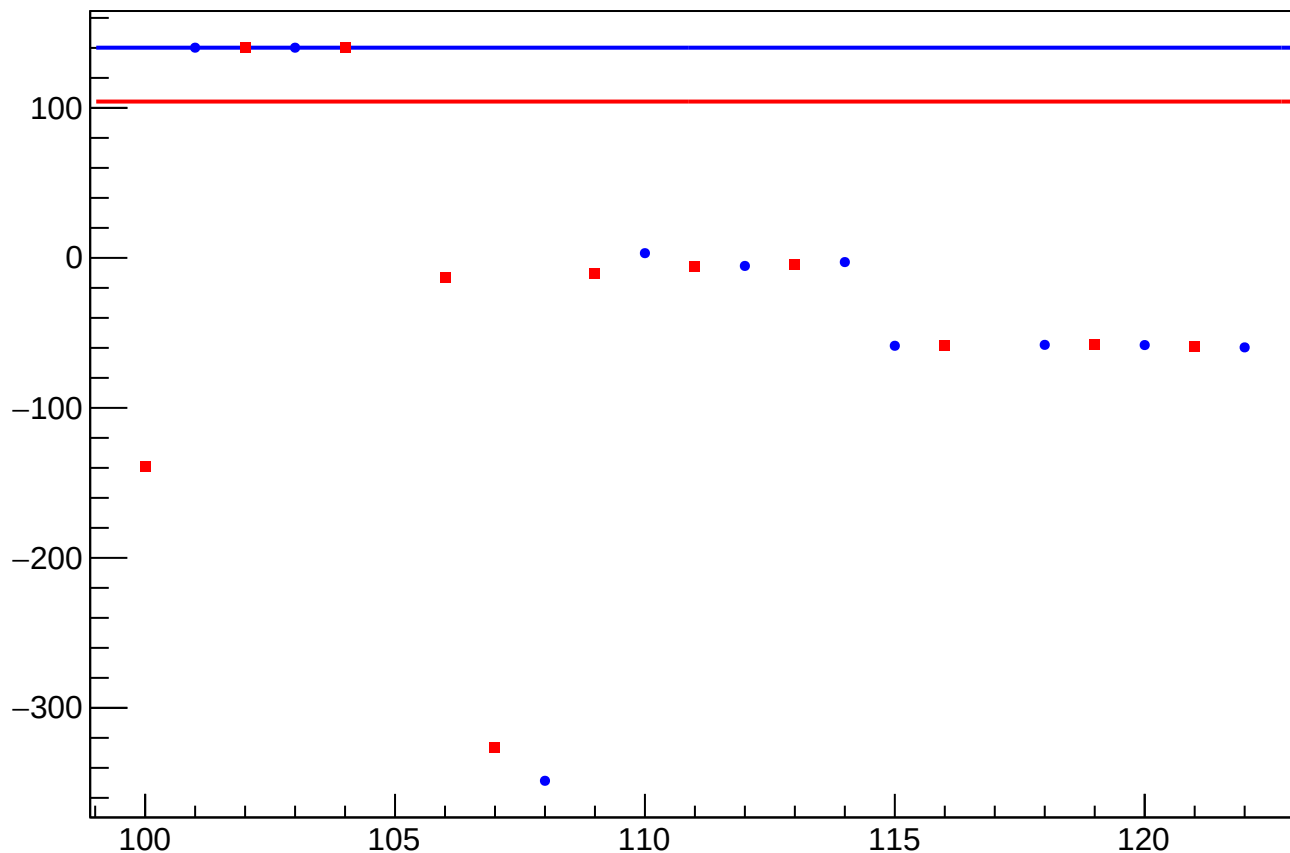
Right: 0.003+/-0.000 χ^2/NDF : 9598274.2/20

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 : 9598274.2/20

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 : 1257317228812868.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

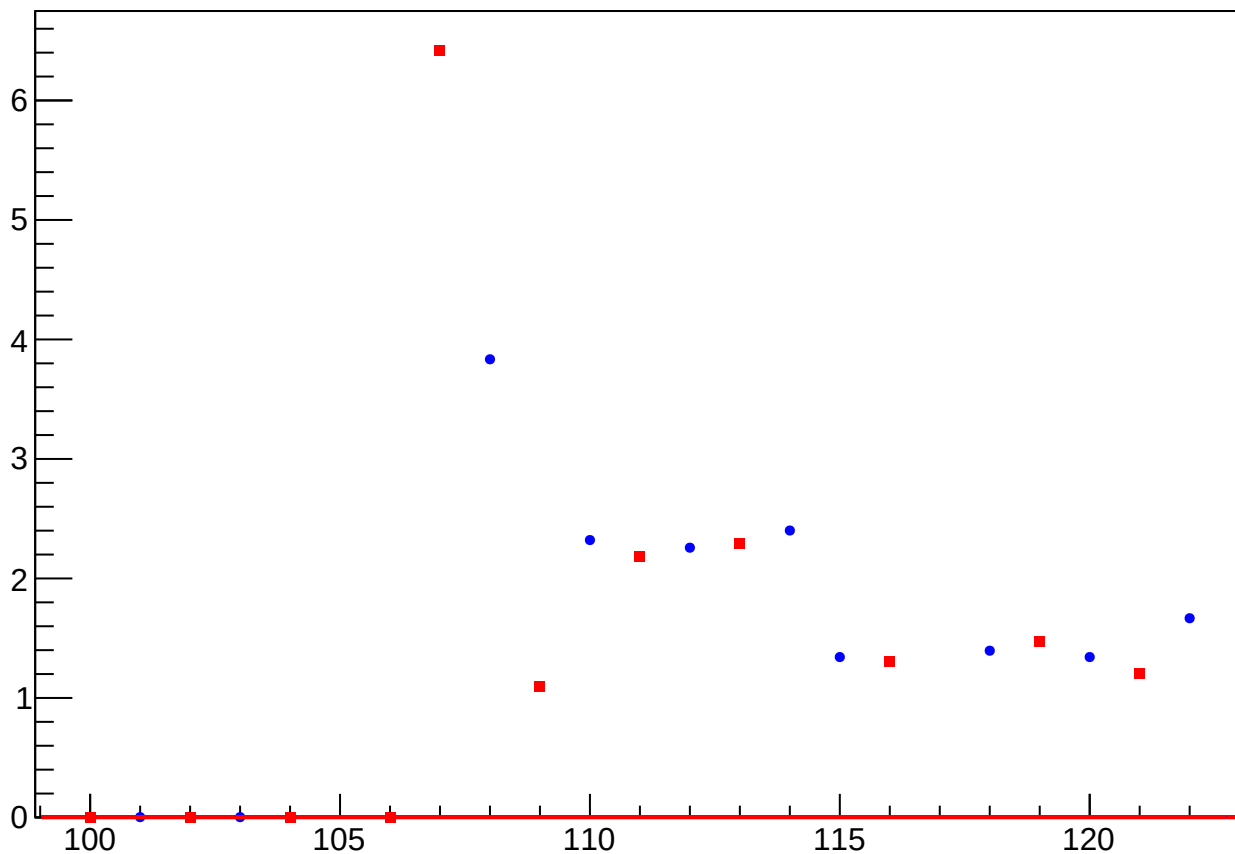
Right: 120.835+/-0.000 χ^2/NDF : 138066754707779

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 : 138066754707

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 : 4966675.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

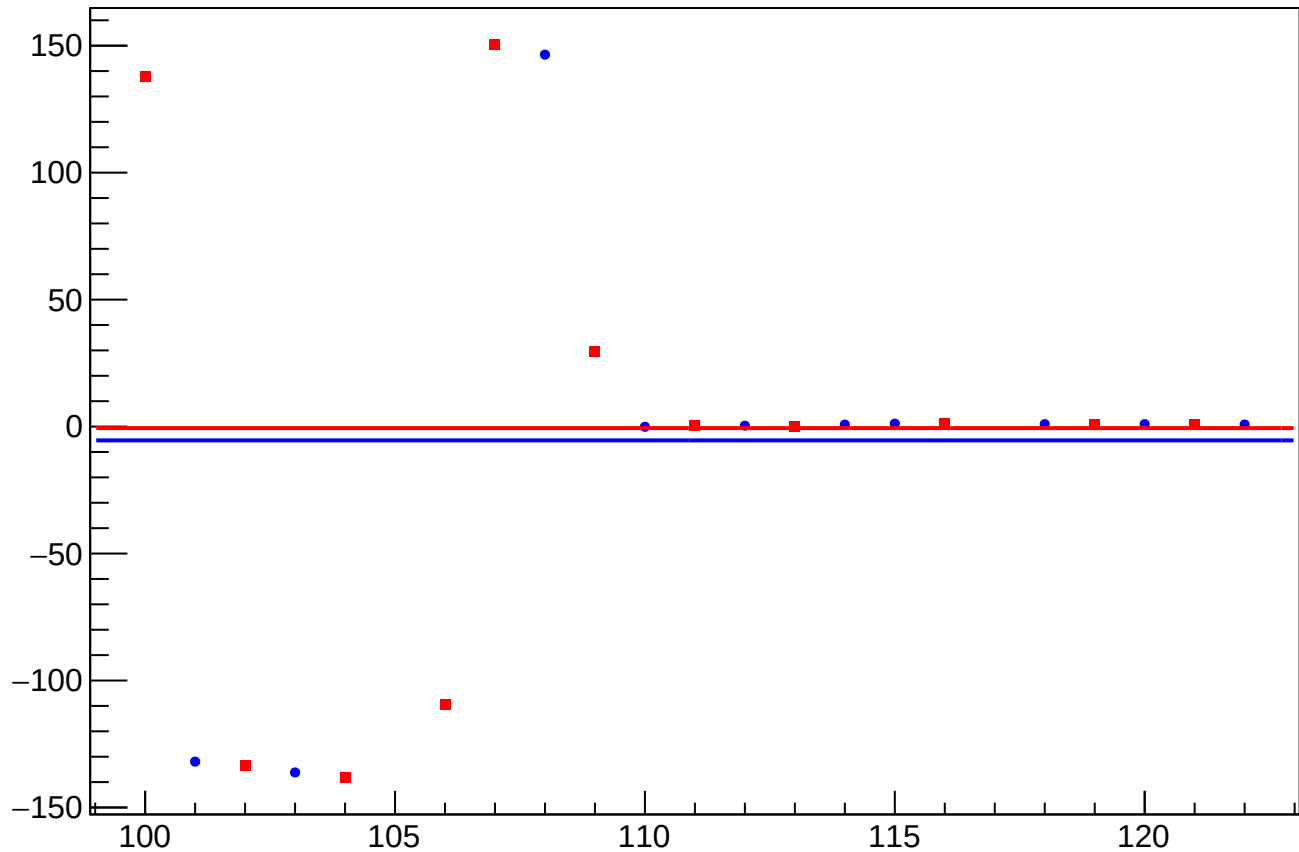
Right: 0.003+/-0.000 χ^2/NDF : 10024845.8/20

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 : 10024845.8/20

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: -0.600+/-0.000 χ^2/NDF : 3602147699.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

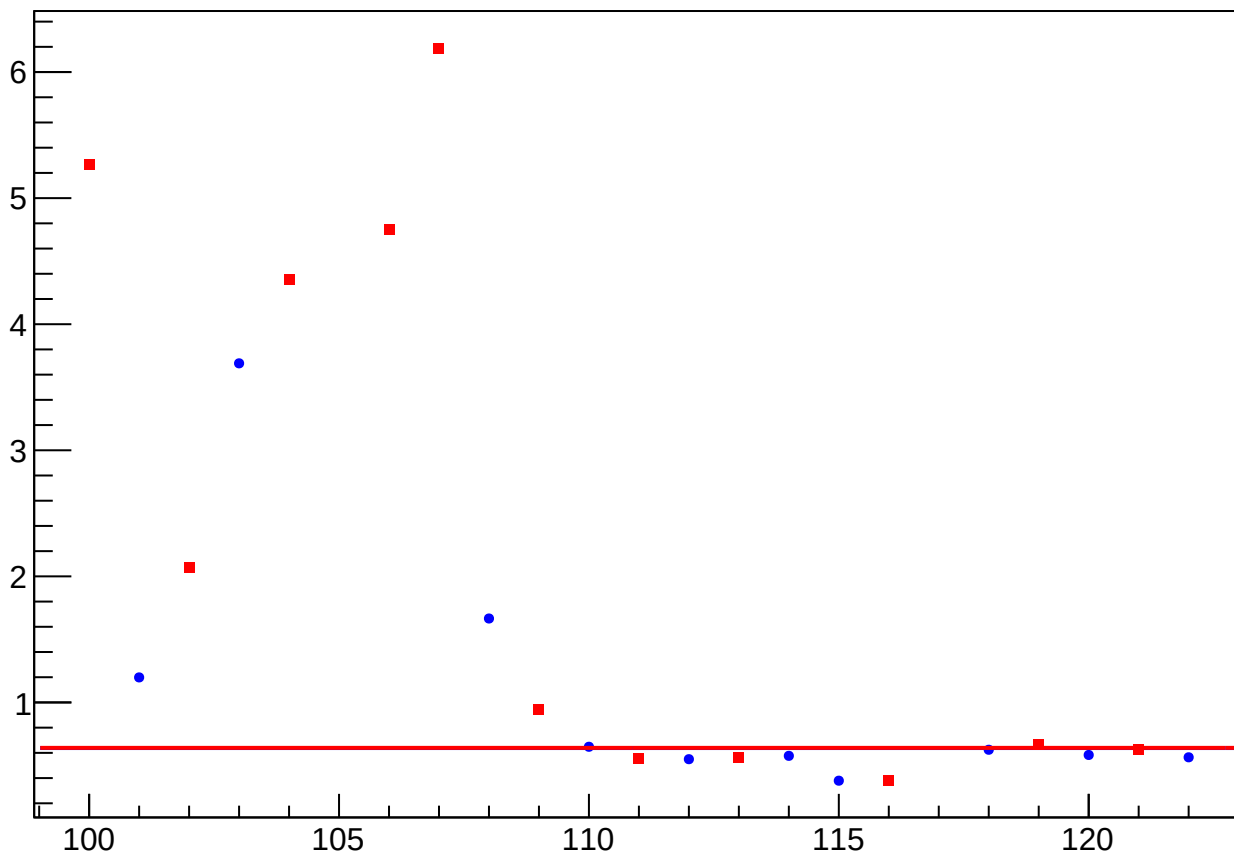
Right: -3.053+/-0.000 χ^2/NDF : 13414546614.6/20

In: -5.433+/-0.000 χ^2/NDF :9734901088.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.053+/-0.000 χ^2/NDF : 13414546614.6/20

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: 0.640+/-0.000 χ^2/NDF : 2286369.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

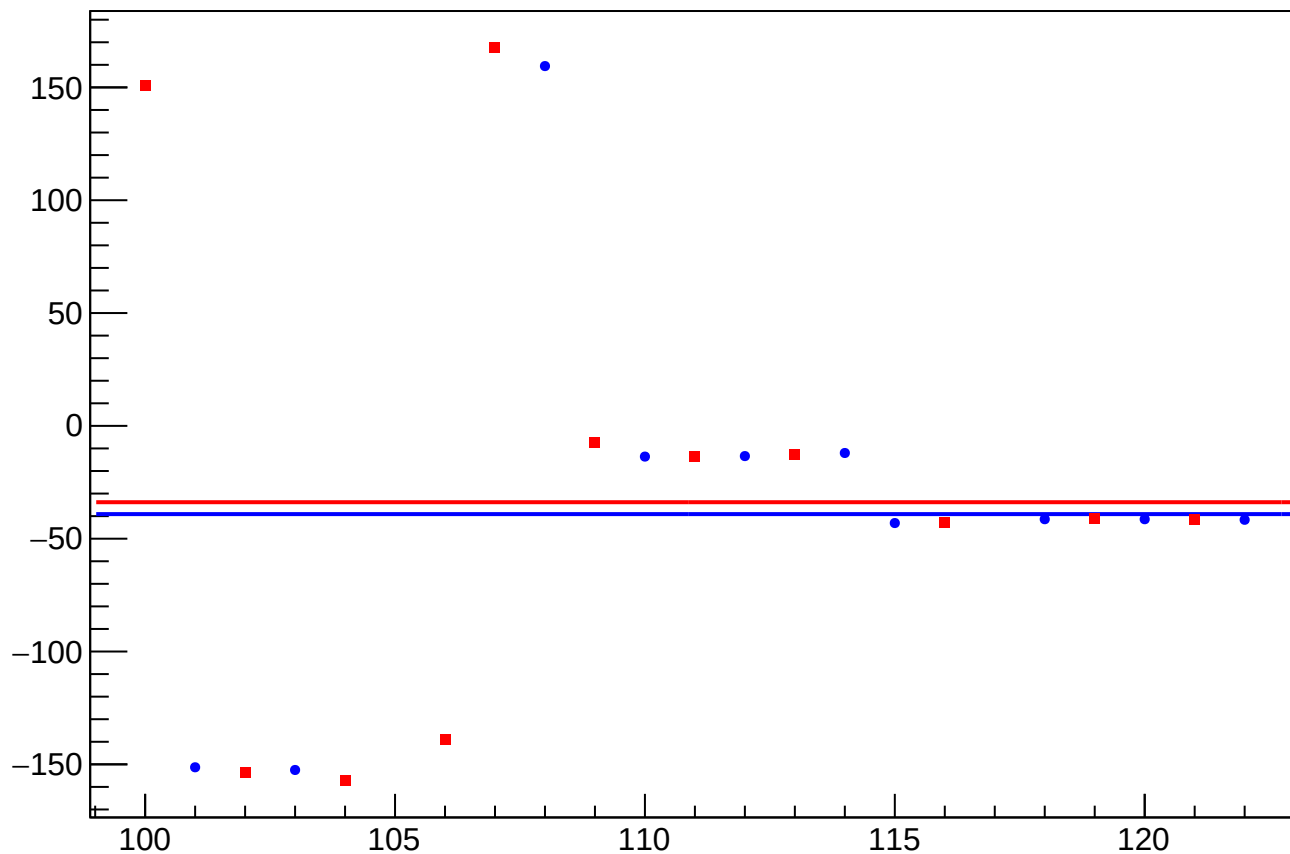
Right: 0.639+/-0.000 χ^2/NDF : 3572790.7/20

In: 0.638+/-0.000 χ^2/NDF : 1286409.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.639+/-0.000 χ^2/NDF : 3572790.7/20

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: -33.832+/-0.000 χ^2/NDF : 2231419204.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

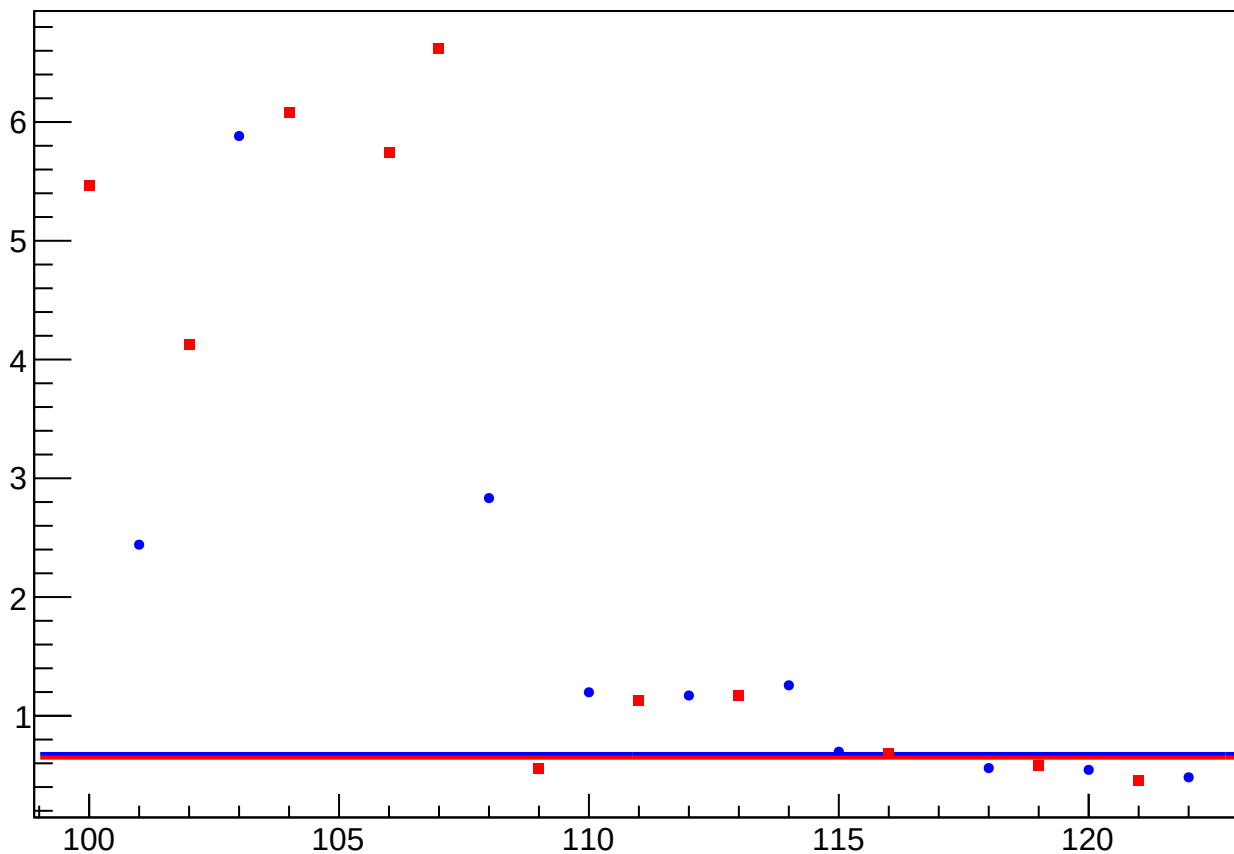
Right: -36.363+/-0.000 χ^2/NDF : 5731396640.1/20

In: -39.104+/-0.000 χ^2/NDF : 3420432991.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.363+/-0.000 χ^2/NDF : 5731396640.1/20

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: 0.648+/-0.000 χ^2/NDF : 2869953.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

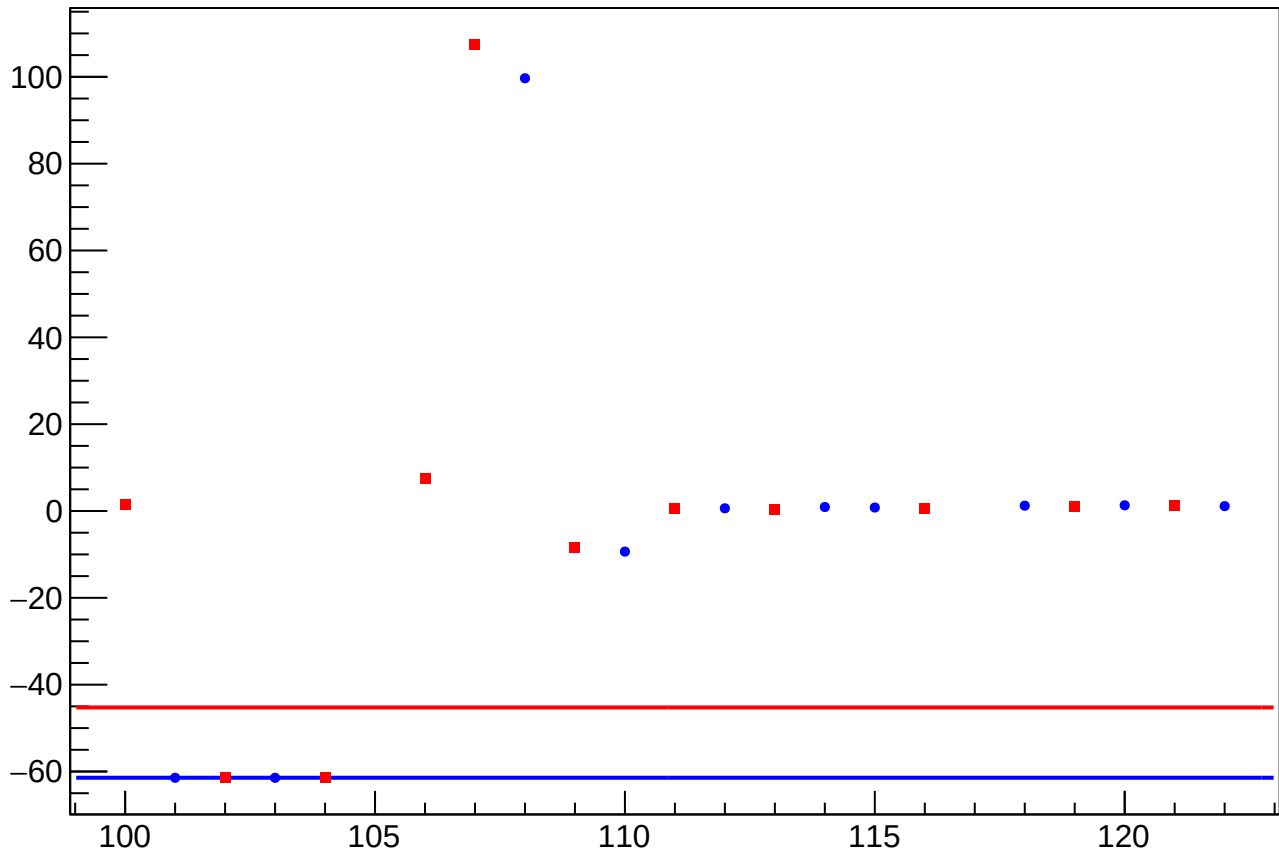
Right: 0.663+/-0.000 χ^2/NDF : 5305531.4/20

In: 0.679+/-0.000 χ^2/NDF :2430111.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

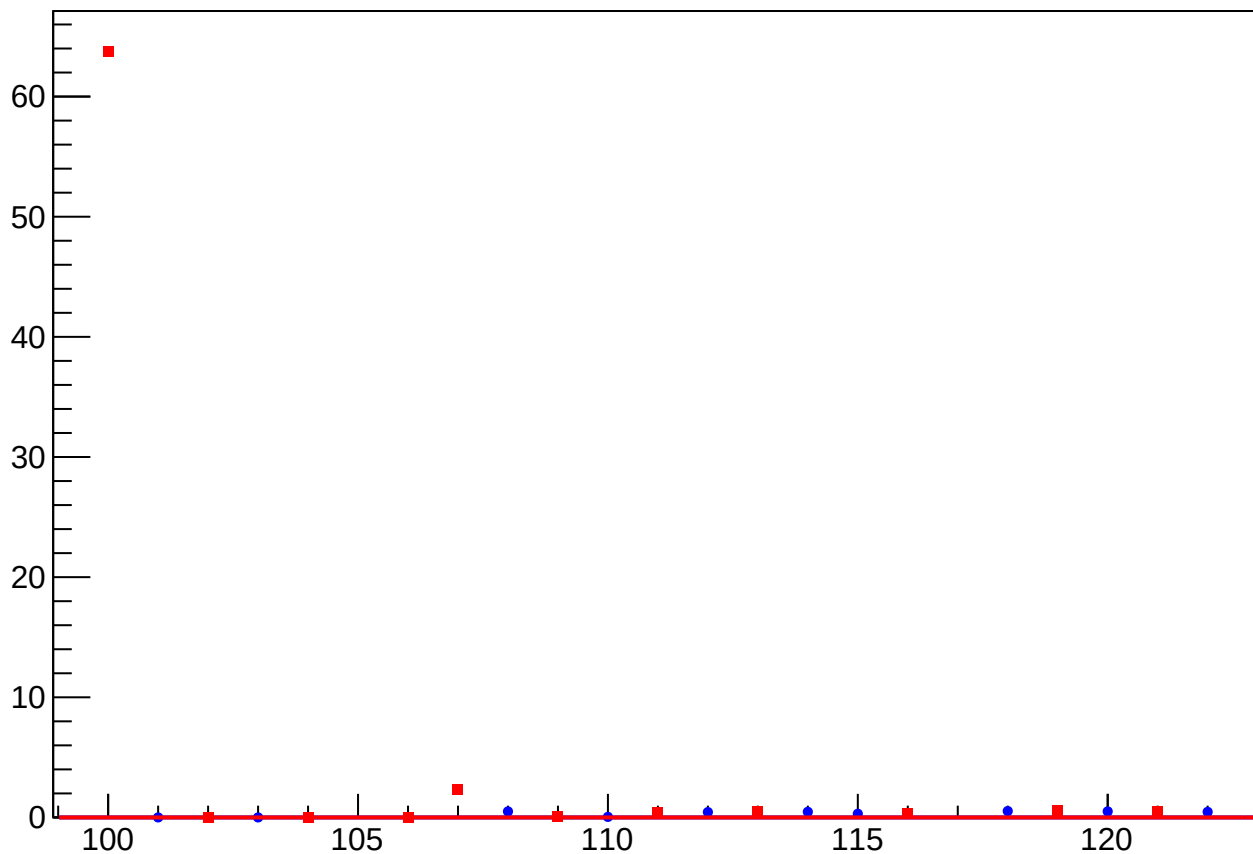
All: 0.663+/-0.000 χ^2/NDF : 5305531.4/20

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 : 357848462771755.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.751+/-0.000 χ^2/NDF : 409052678040643

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 : 4606880.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

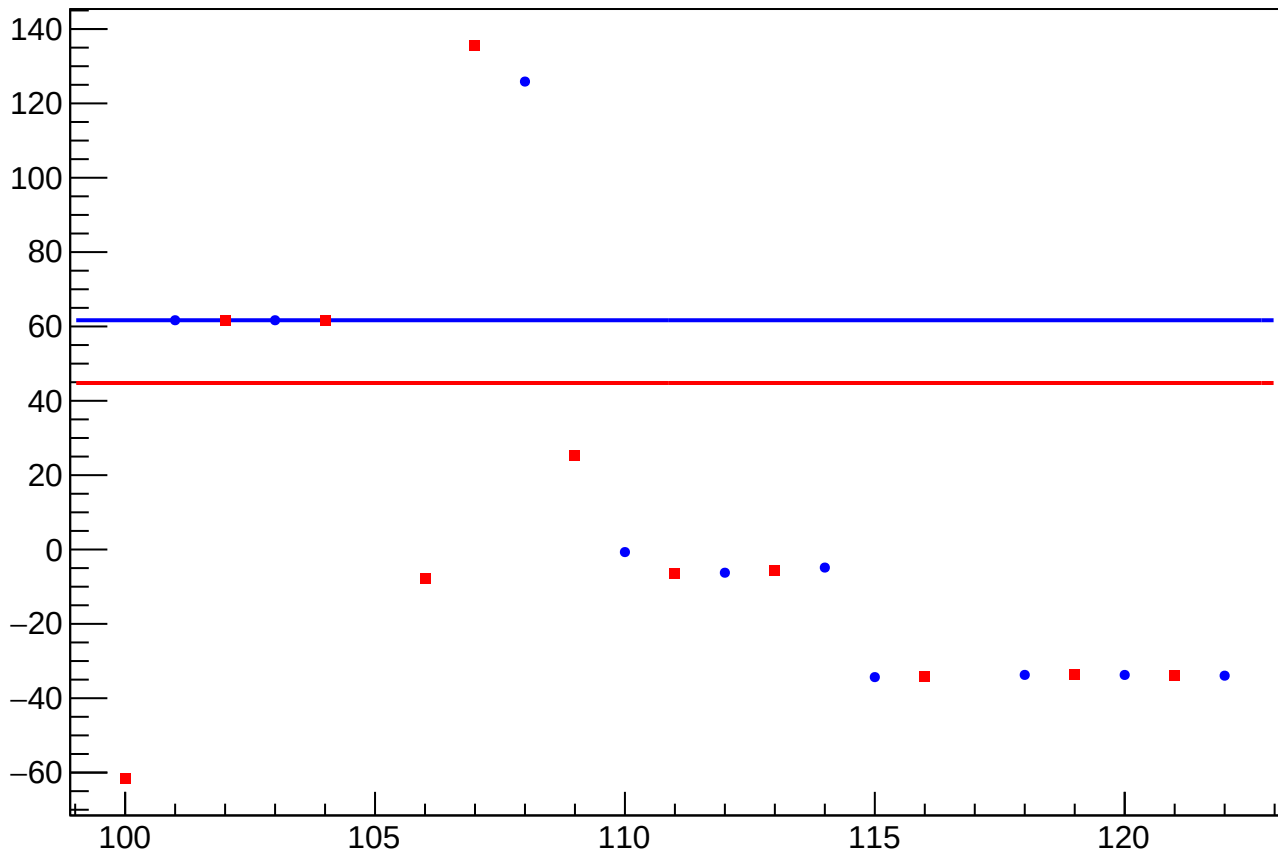
Right: 0.001+/-0.000 χ^2/NDF : 8865888.3/20

In: 0.001+/-0.000 χ^2/NDF : 4259006.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

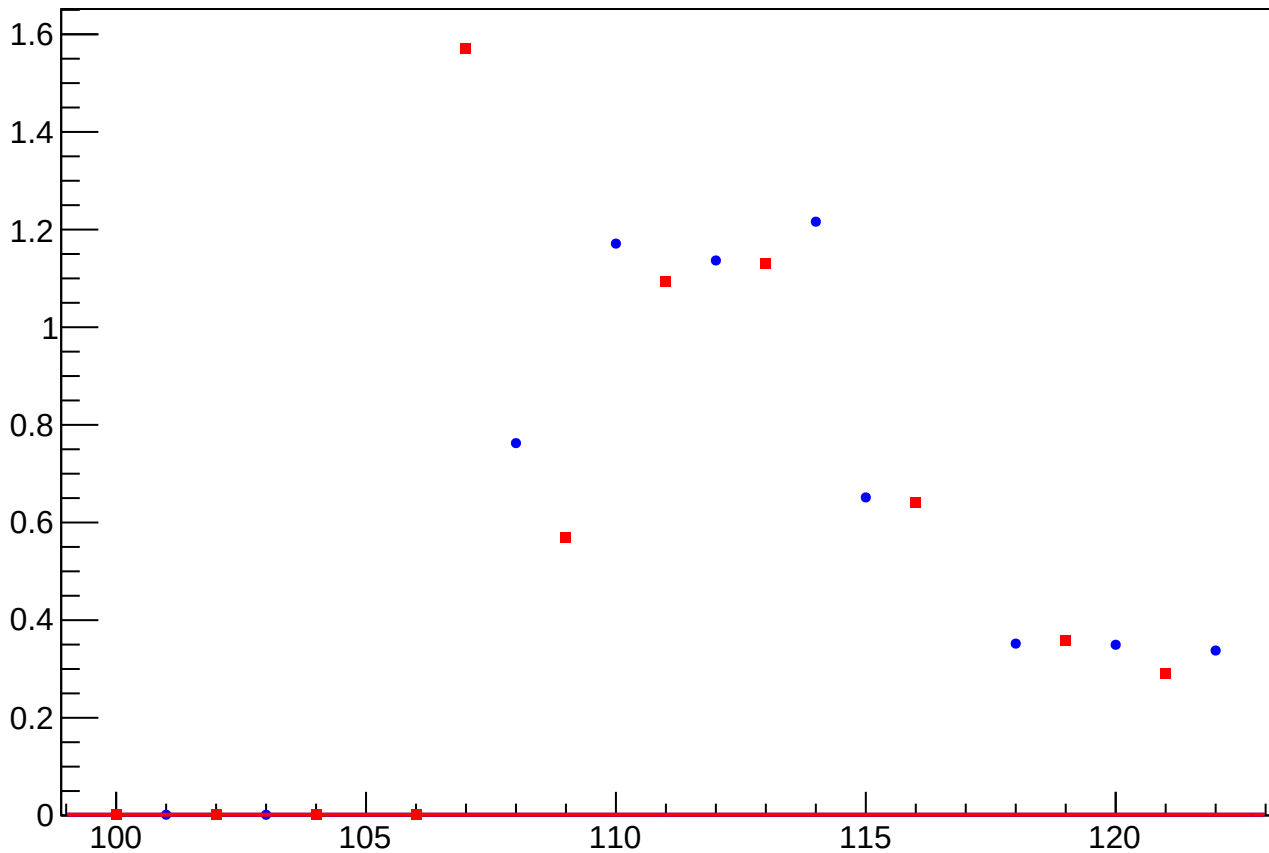
All: 0.001+/-0.000 χ^2/NDF : 8865888.3/20

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 : 365933814615564.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 52.695+/-0.000 χ^2/NDF : 417154671528341.9

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 : 5103797.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

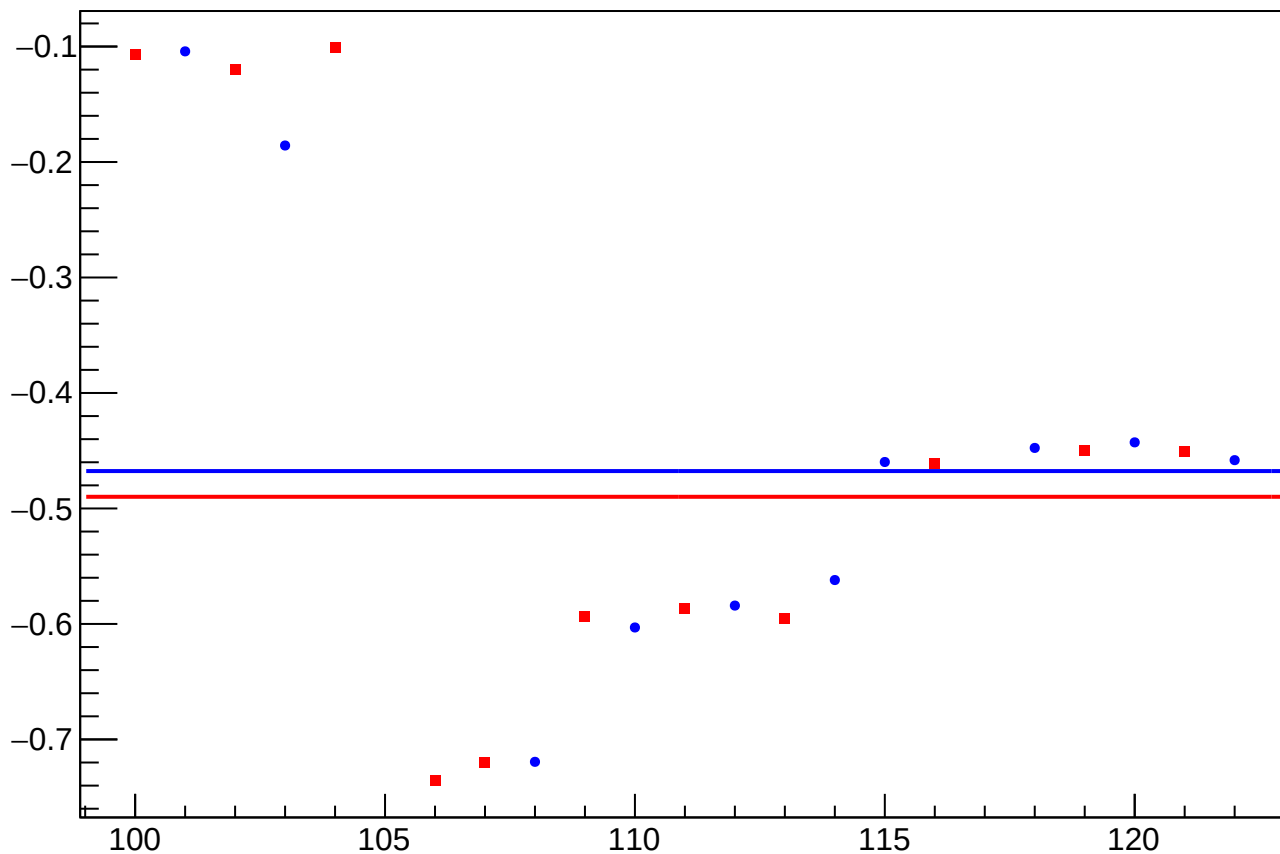
Right: 0.002+/-0.000 χ^2/NDF : 10334742.2/20

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 : 10334742.2/20

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: -0.490+/-0.000 χ^2/NDF : 100197392.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

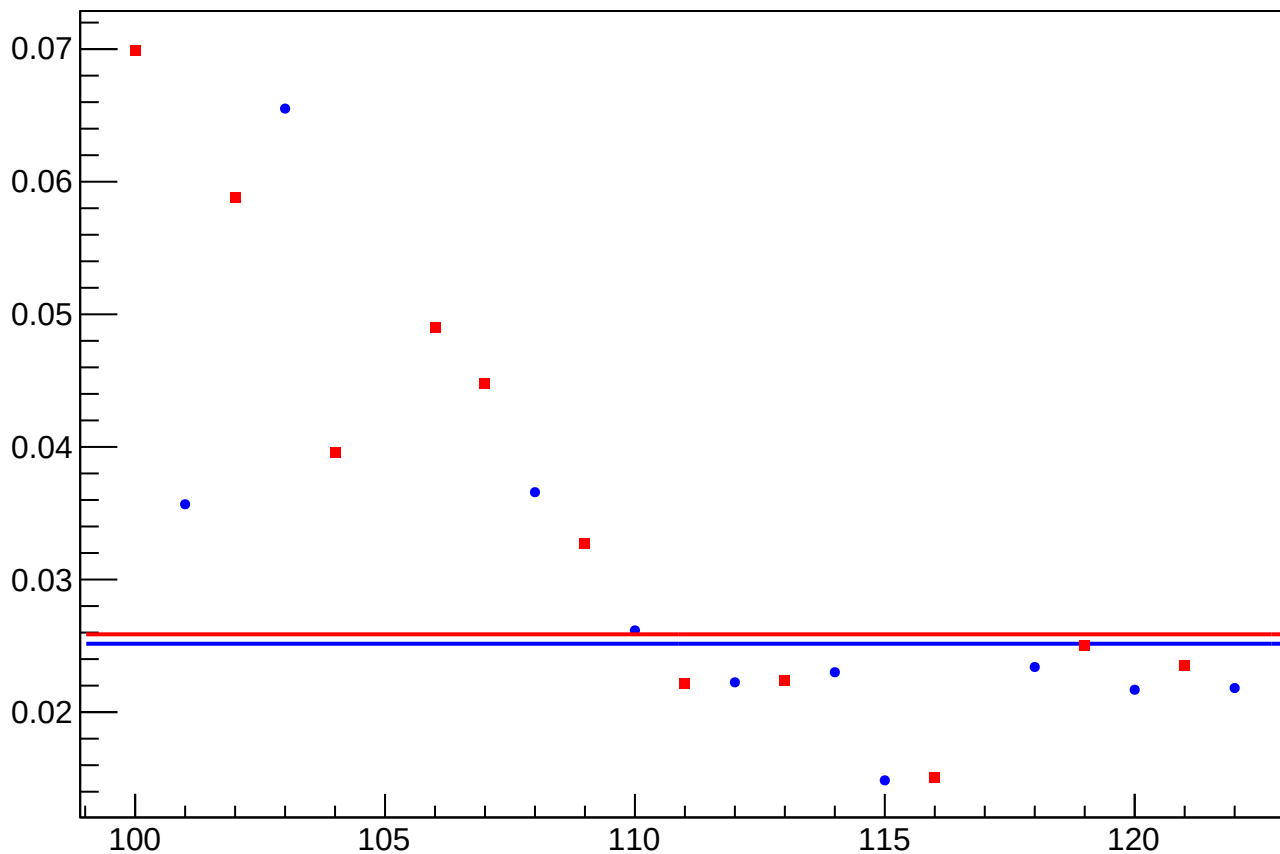
Right: -0.479+/-0.000 χ^2/NDF : 207806094.6/20

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 : 207806094.6/20

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 : 974985.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

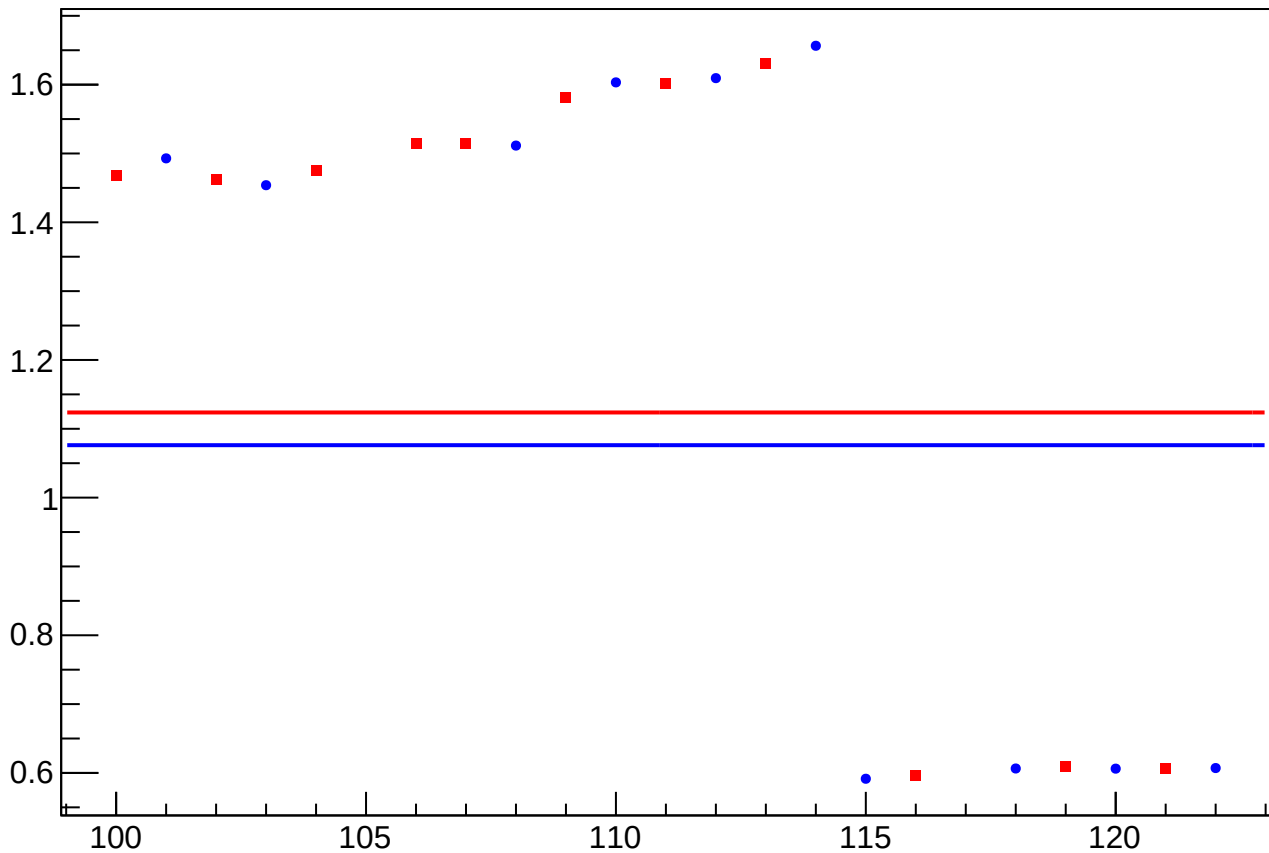
Right: 0.026+/-0.000 χ^2/NDF : 1718141.4/20

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 : 1718141.4/20

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.076+/-0.000

χ^2/NDF : 2350485852.1/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.101+/-0.000

χ^2/NDF : 4918239527.4/20

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.076+/-0.000

χ^2/NDF : 2350485852.1/9

Right Out: 1.124+/-0.000

χ^2/NDF : 2553915412.4/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

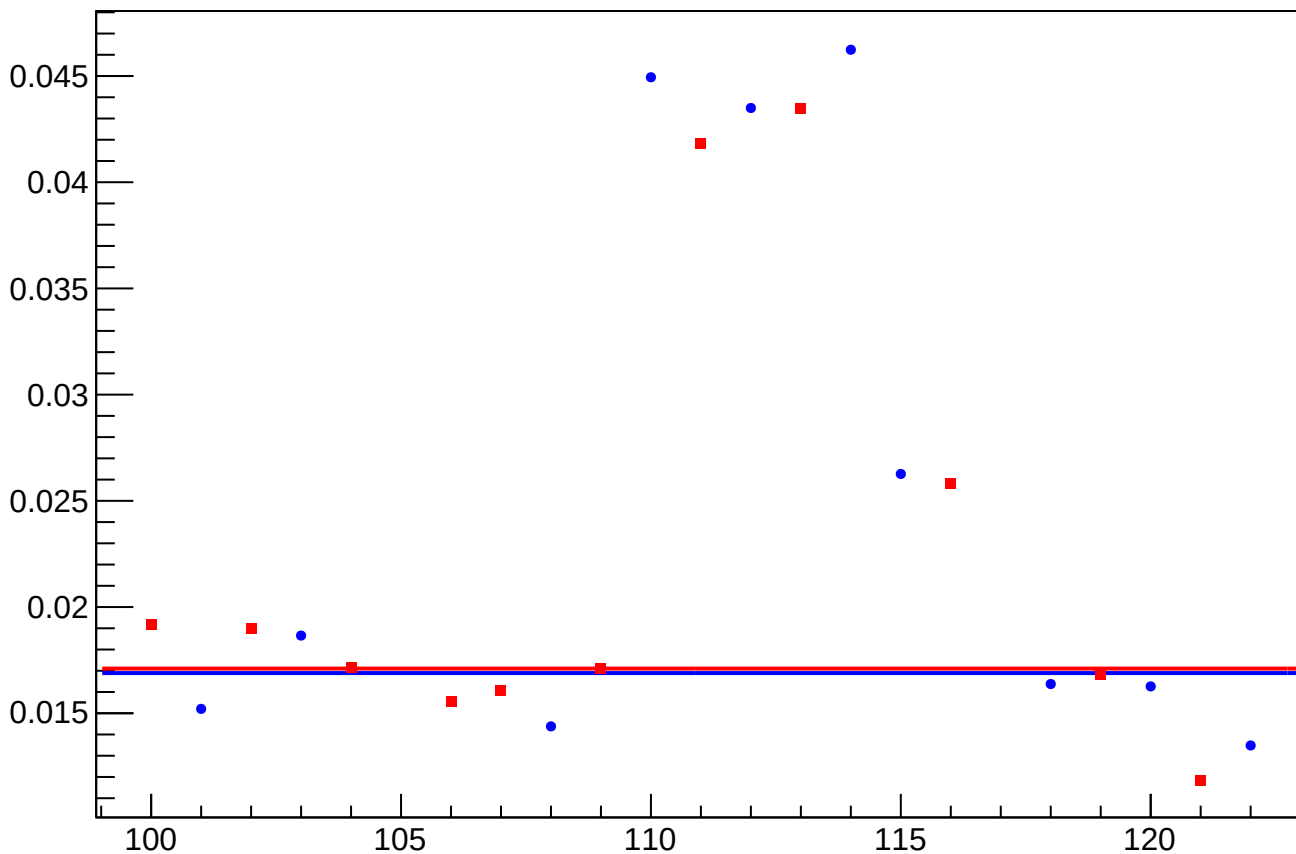
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.101+/-0.000

χ^2/NDF : 4918239527.4/20

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 : 868754.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

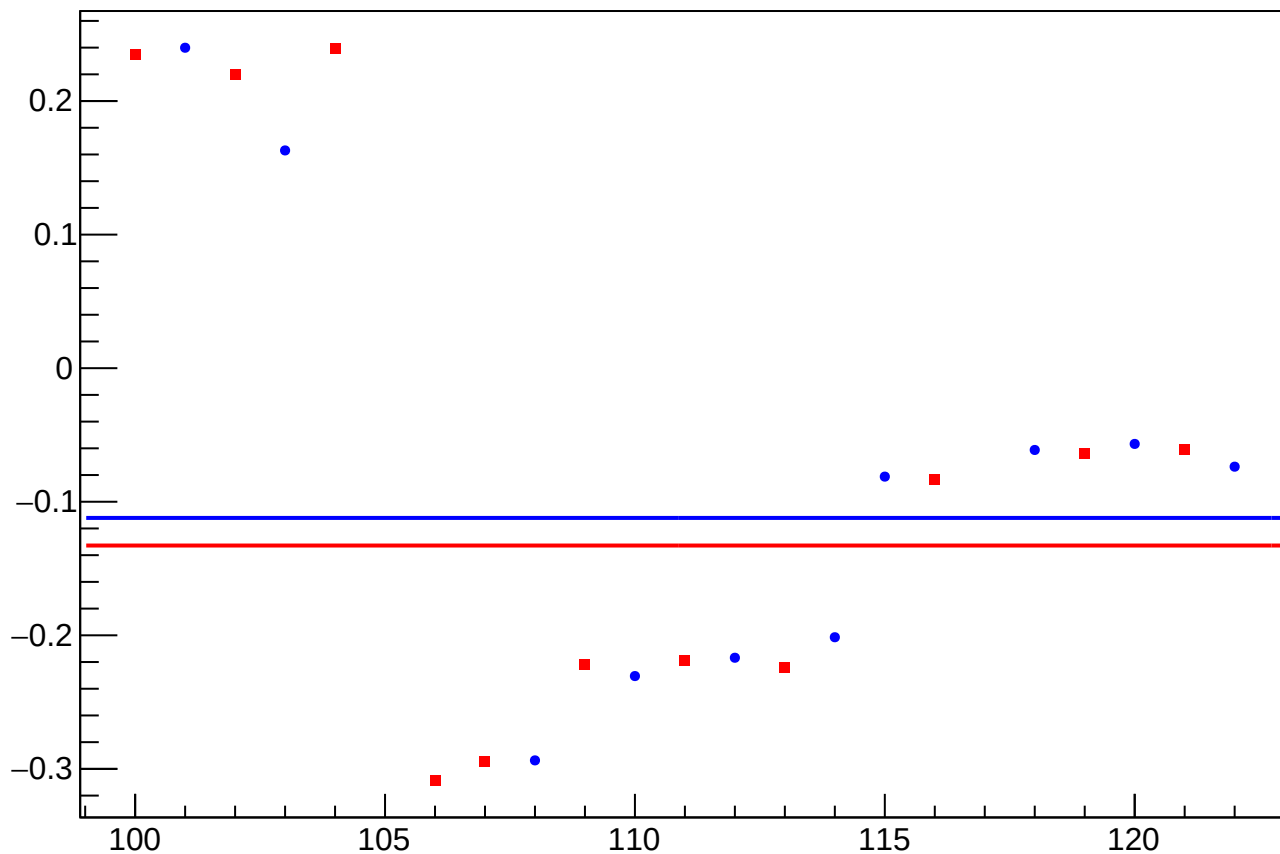
Right: 0.017+/-0.000 χ^2/NDF : 1695872.5/20

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 : 1695872.5/20

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: -0.133+/-0.000 χ^2/NDF : 102093858.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

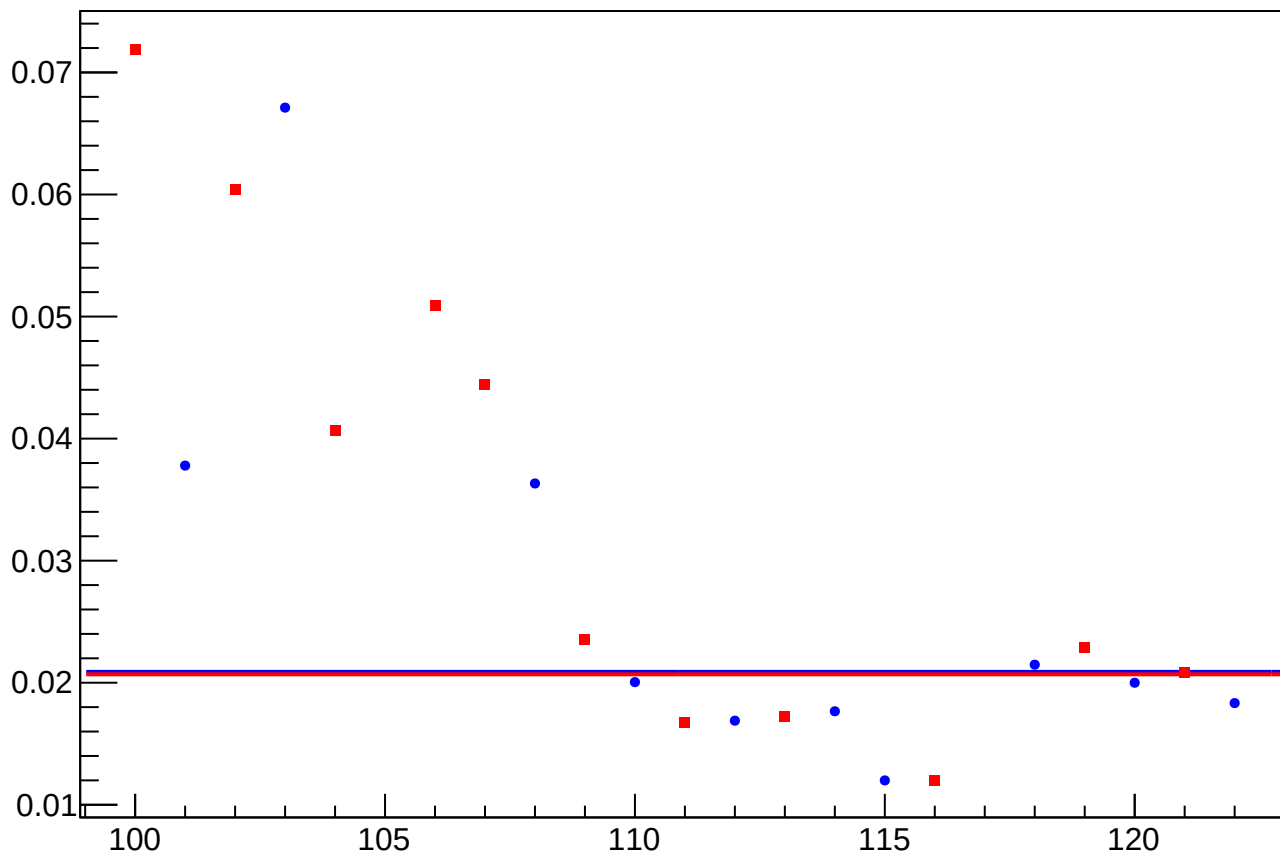
Right: -0.123+/-0.000 χ^2/NDF : 207246123.0/20

In: -0.112+/-0.000 χ^2/NDF : 103644281.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.123+/-0.000 χ^2/NDF : 207246123.0/20

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 : 1351280.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

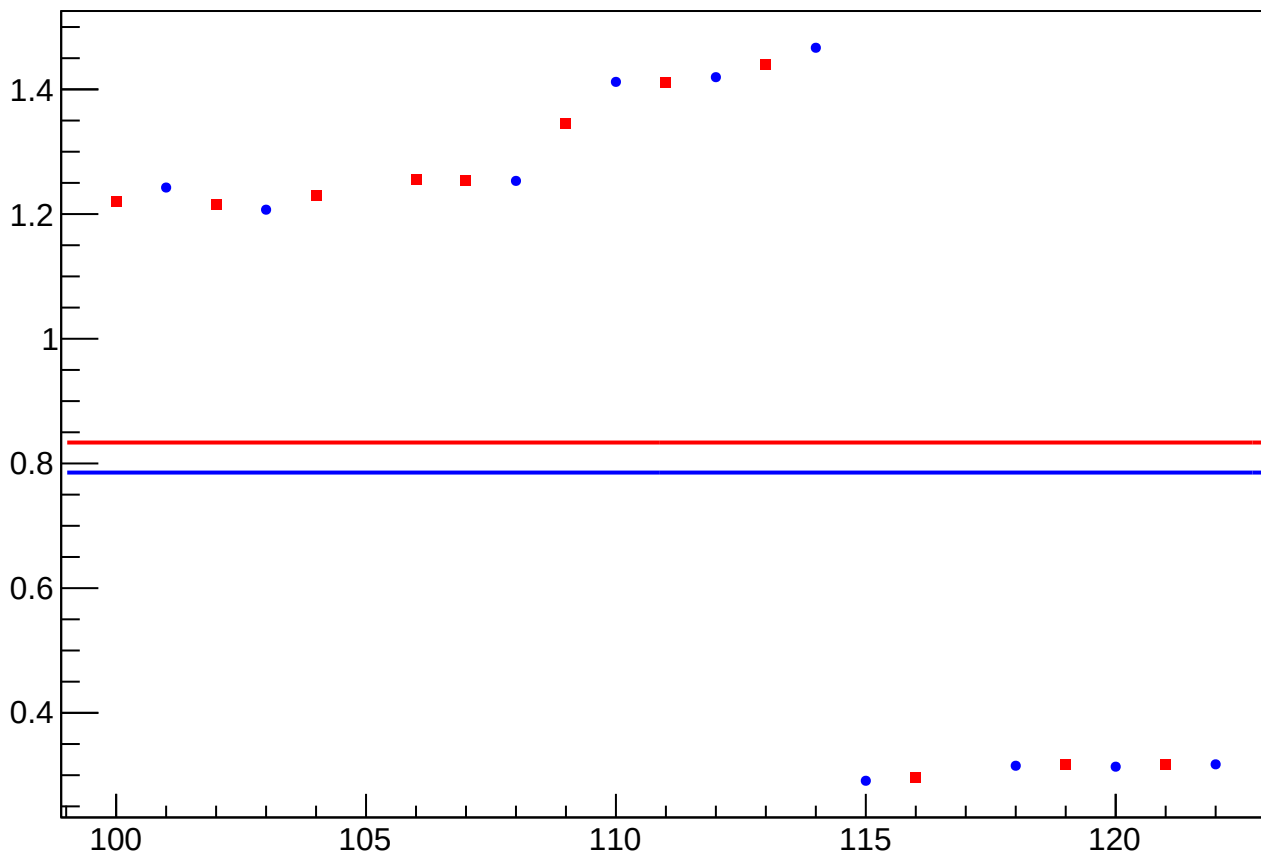
Right: 0.021+/-0.000 χ^2/NDF : 2416918.8/20

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 : 2416918.8/20

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

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.810+/-0.000

χ^2/NDF : 8102386068.8/20

Right Out: 0.834+/-0.000

χ^2/NDF : 4088133068.3/10

In: 0.785+/-0.000

χ^2/NDF : 3992968866.8/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

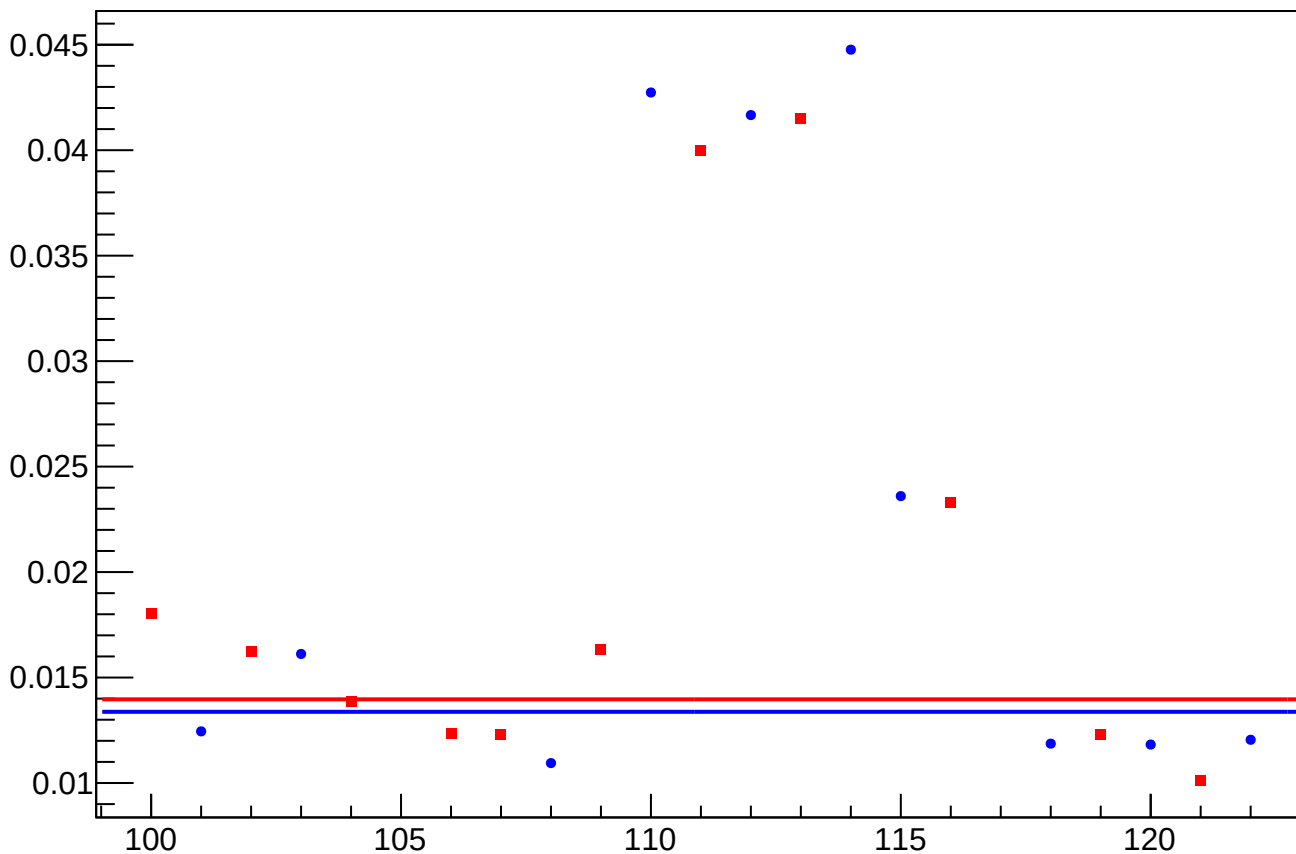
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.810+/-0.000

χ^2/NDF : 8102386068.8/20

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 : 1029665.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

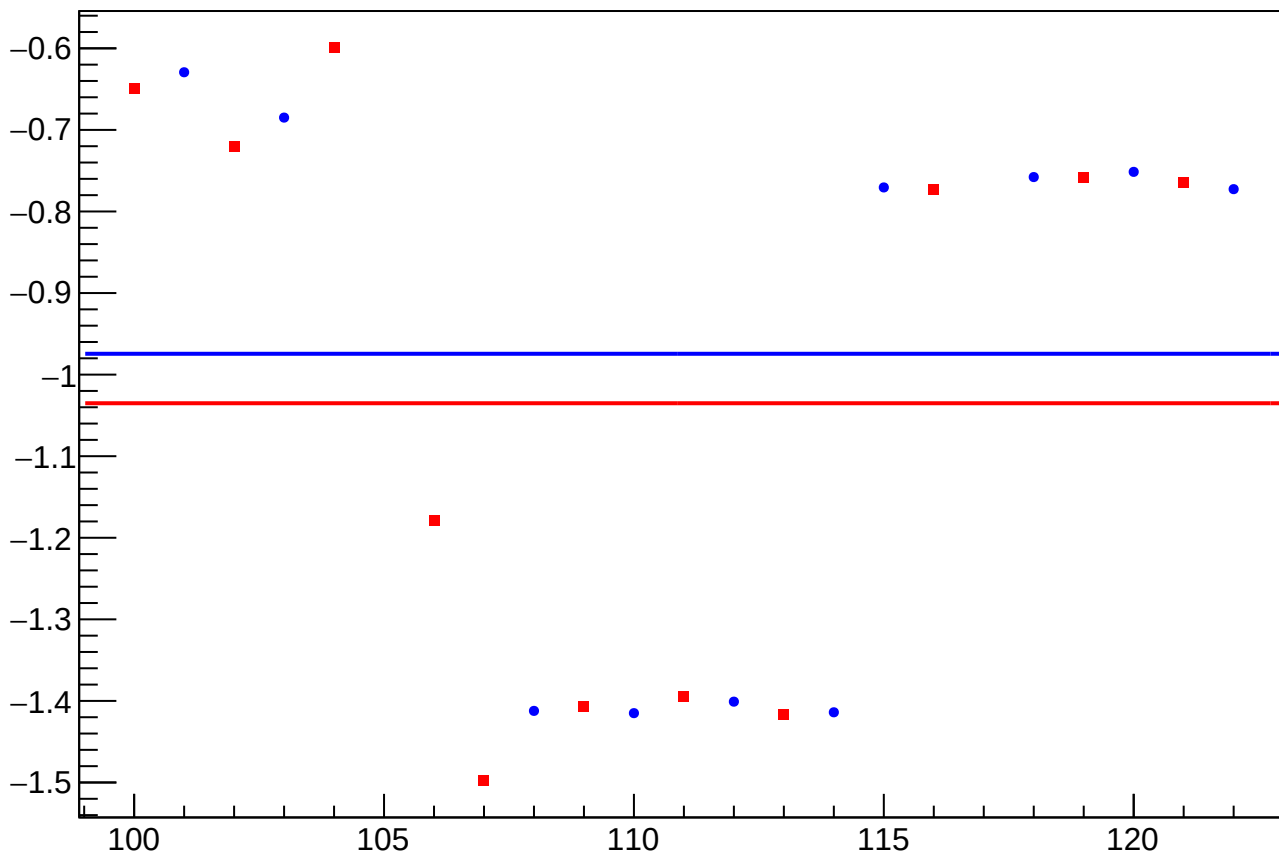
Right: 0.014+/-0.000 χ^2/NDF : 2039856.2/20

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 : 2039856.2/20

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: -1.035+/-0.000 χ^2/NDF : 561023489.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

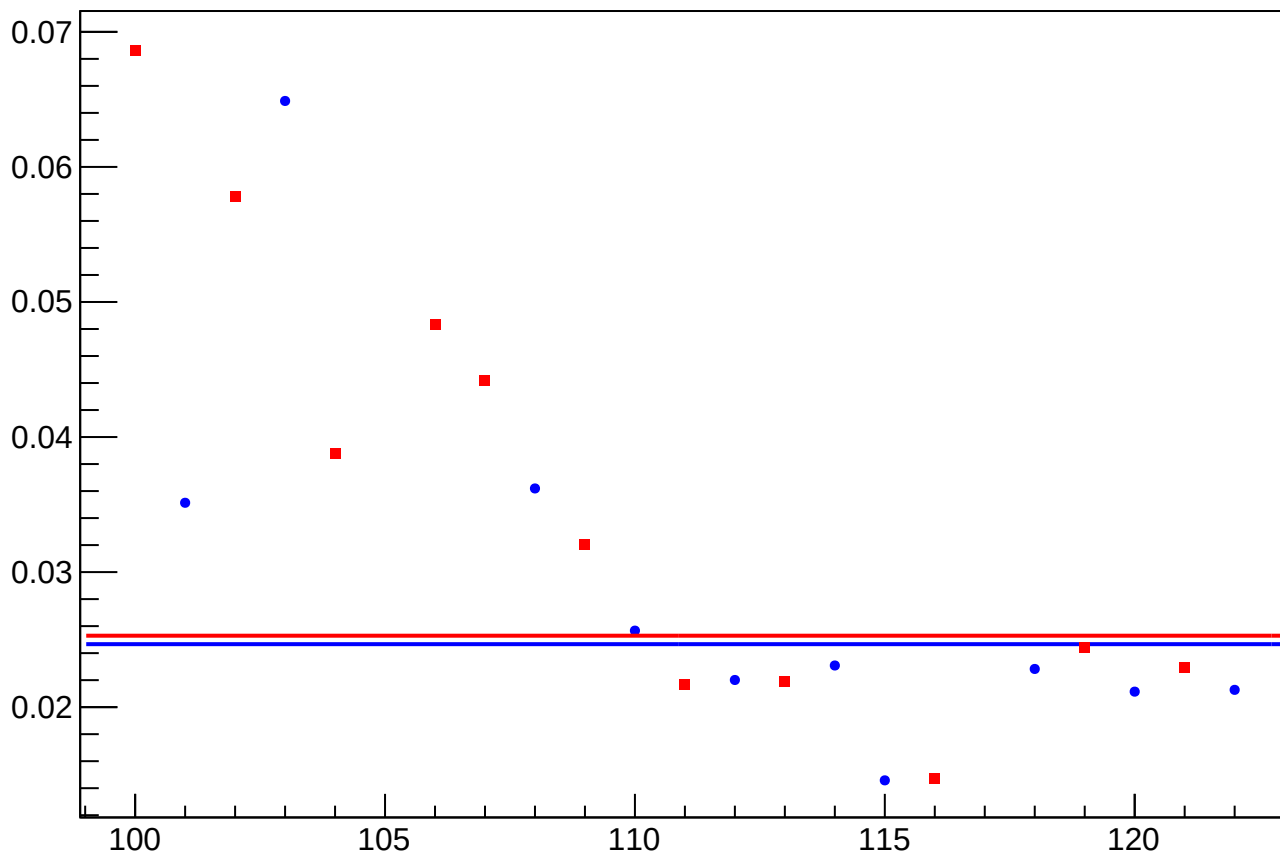
Right: -1.005+/-0.000 χ^2/NDF : 1092295042.3/20

In: -0.974+/-0.000 χ^2/NDF :521826432.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.005+/-0.000 χ^2/NDF : 1092295042.3/2

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 : 982681.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

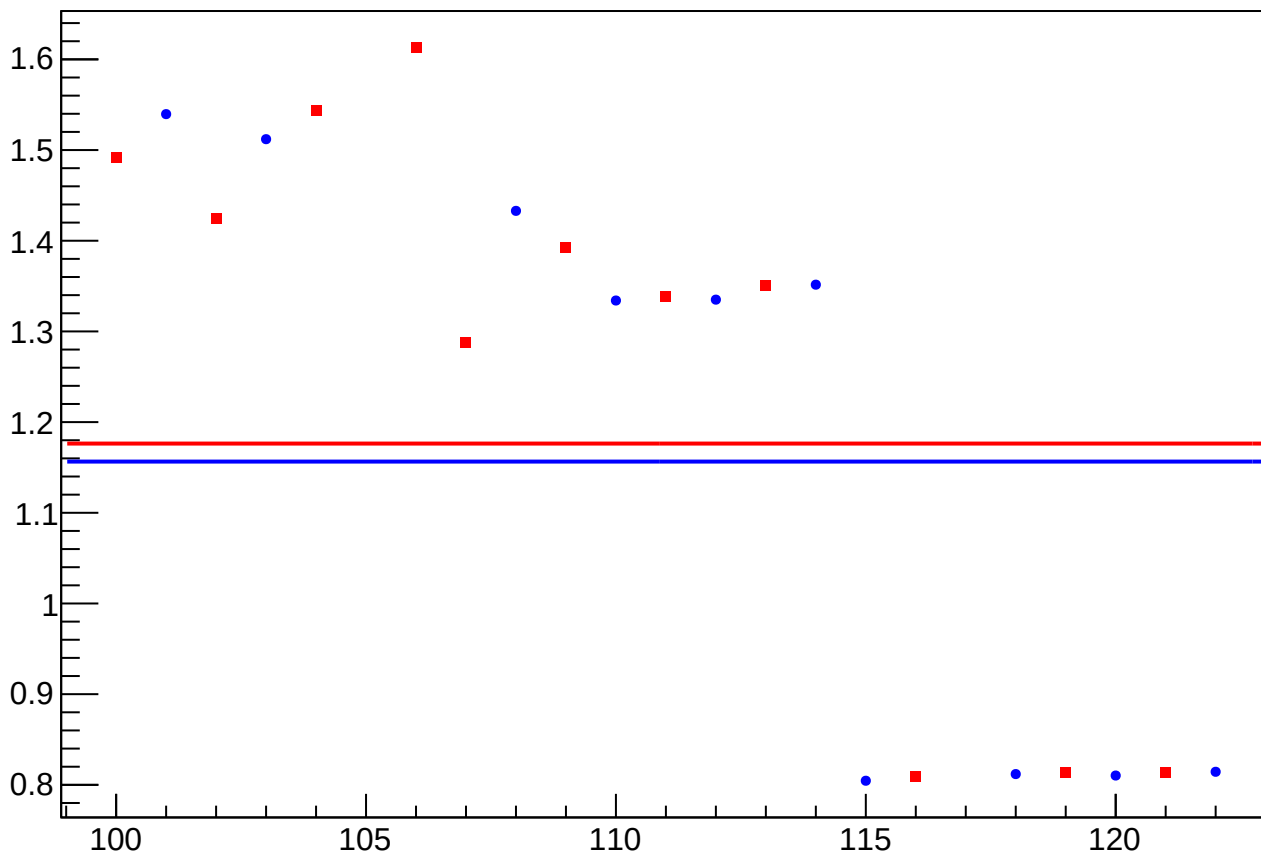
Right: 0.025+/-0.000 χ^2/NDF : 1733186.9/20

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 : 1733186.9/20

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: 1.176+/-0.000 χ^2/NDF : 1343645572.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

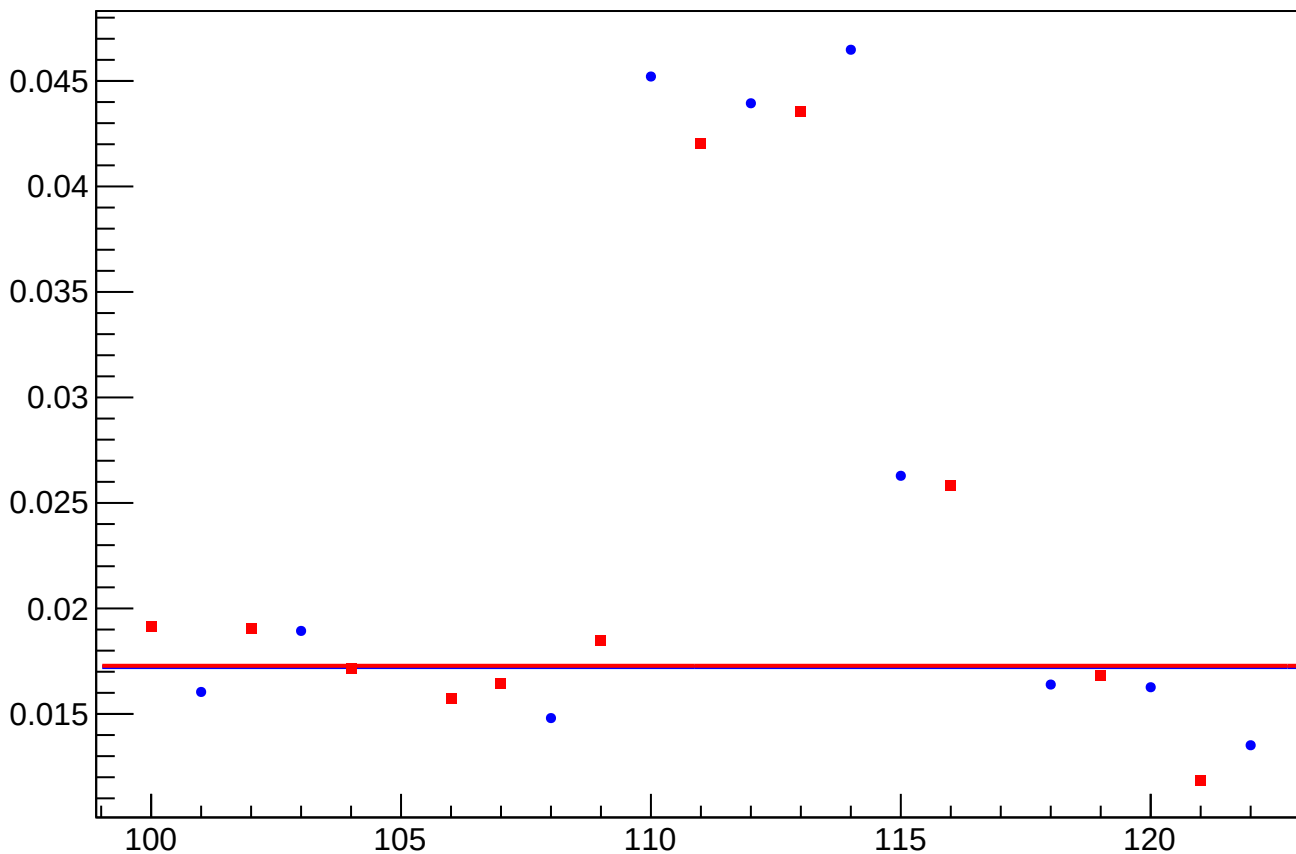
Right: 1.167+/-0.000 χ^2/NDF : 2667812602.6/20

In: 1.156+/-0.000 χ^2/NDF :1321831522.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.167+/-0.000 χ^2/NDF : 2667812602.6/20

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 : 872082.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

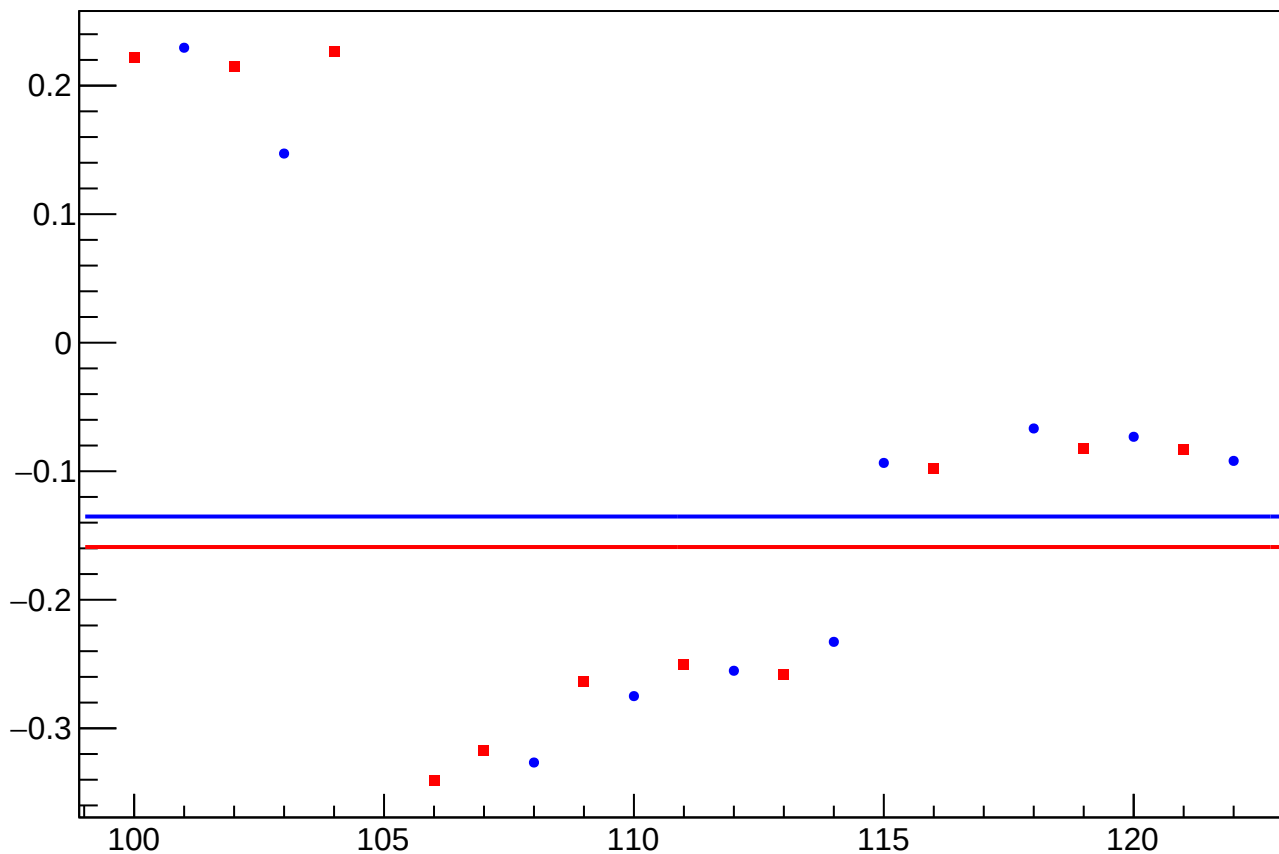
Right: 0.017+/-0.000 χ^2/NDF : 1686381.6/20

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 : 1686381.6/20

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: -0.159+/-0.000 χ^2/NDF : 113148042.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

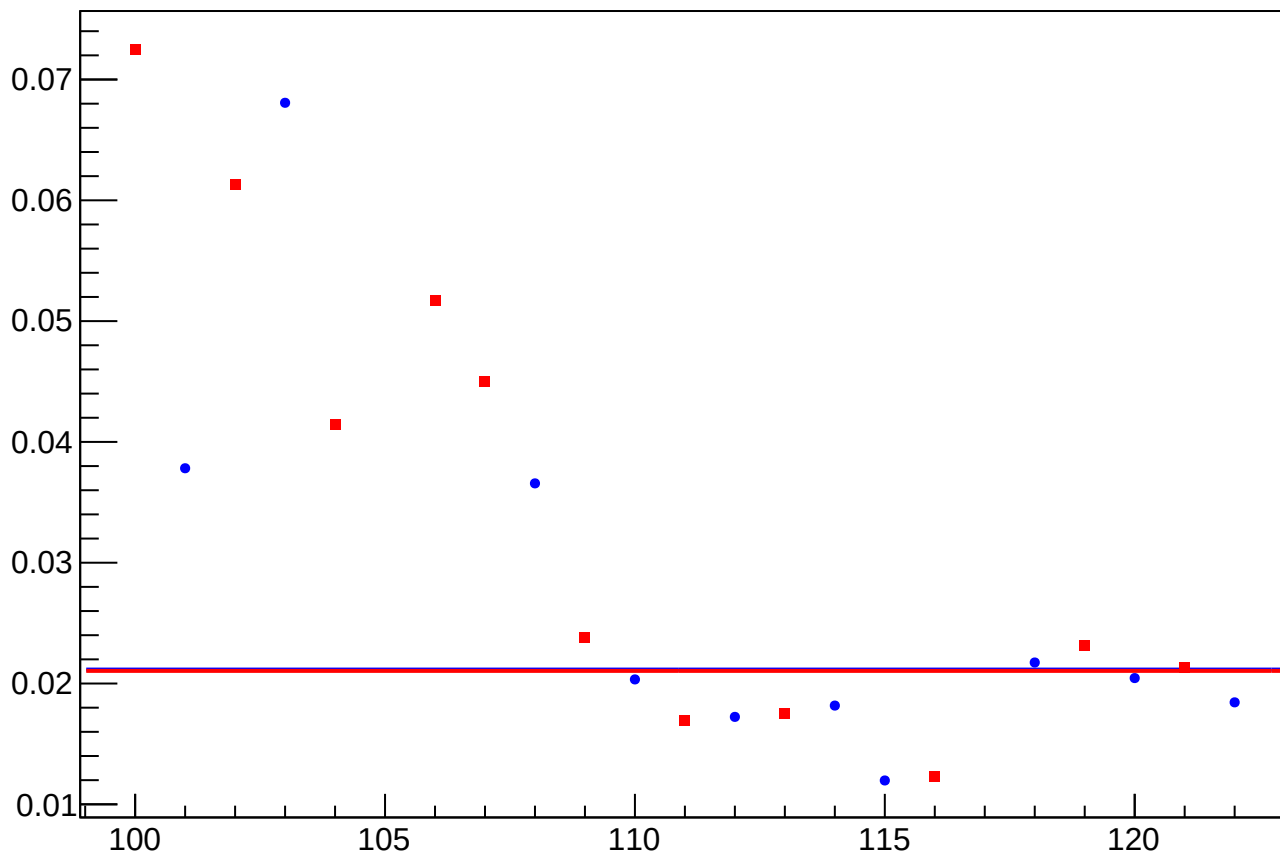
Right: -0.148+/-0.000 χ^2/NDF : 234475059.4/20

In: -0.135+/-0.000 χ^2/NDF :119393945.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.148+/-0.000 χ^2/NDF : 234475059.4/20

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 : 1343389.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

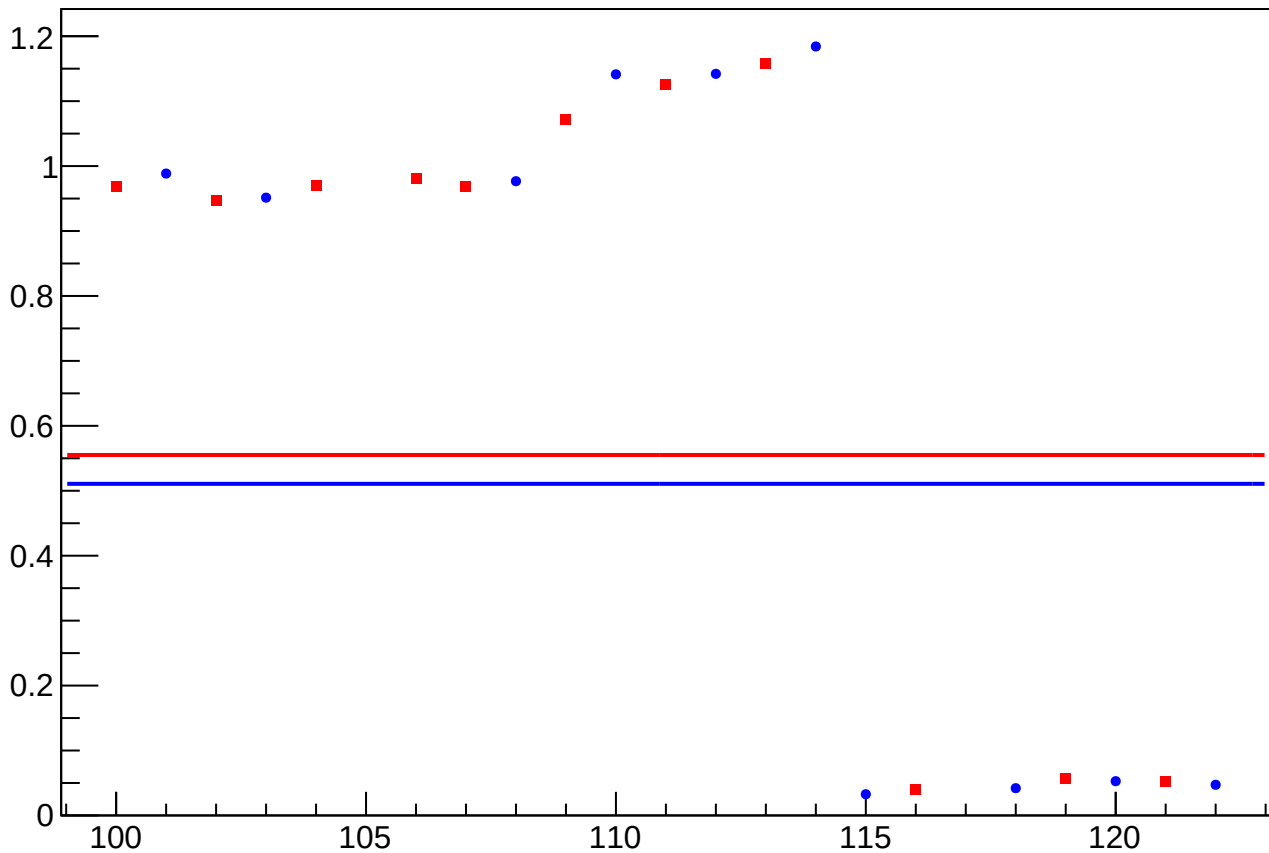
Right: 0.021+/-0.000 χ^2/NDF : 2400288.6/20

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 : 2400288.6/20

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.511+/-0.000

χ^2/NDF : 4105275125.5/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.533+/-0.000

χ^2/NDF : 8210364307.2/20

Right Out: 0.555+/-0.000

χ^2/NDF : 4086769038.8/10

In: 0.511+/-0.000

χ^2/NDF : 4105275125.5/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

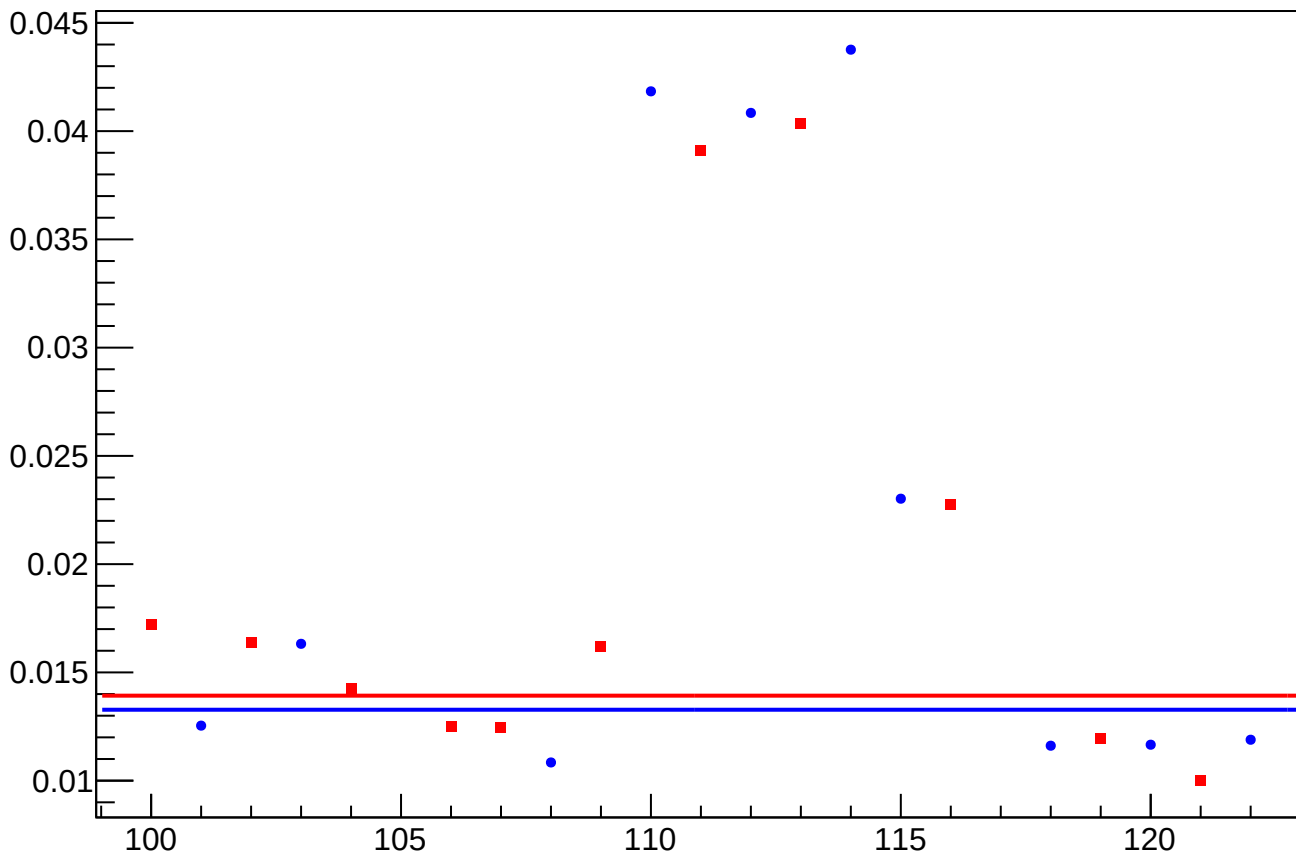
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.533+/-0.000

χ^2/NDF : 8210364307.2/20

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 : 1022116.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

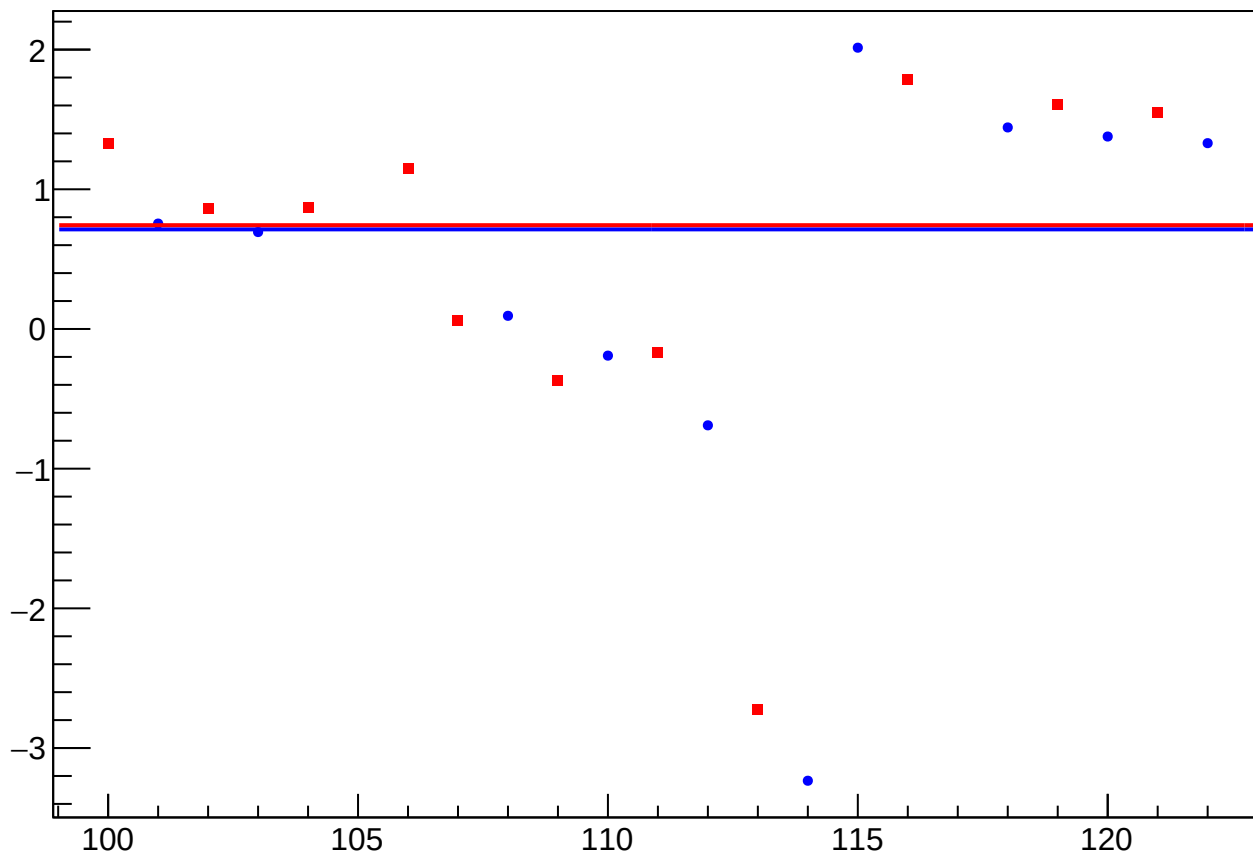
Right: 0.014+/-0.000 χ^2/NDF : 2033845.0/20

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 : 2033845.0/20

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: 0.743+/-0.000 χ^2/NDF : 1008973968.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

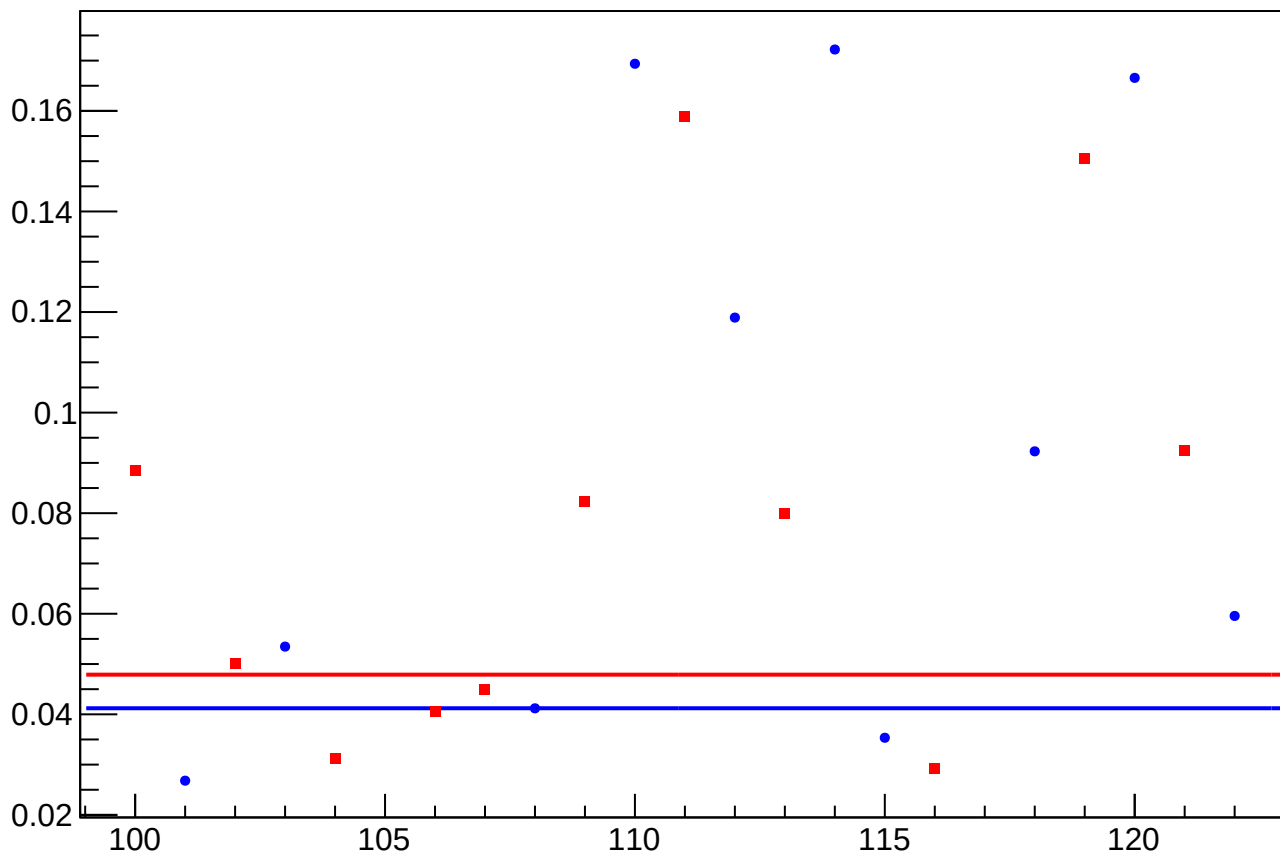
Right: 0.727+/-0.000 χ^2/NDF : 1366013658.4/20

In: 0.713+/-0.000 χ^2/NDF :356469579.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.727+/-0.000 χ^2/NDF : 1366013658.4/20

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 : 1655776.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

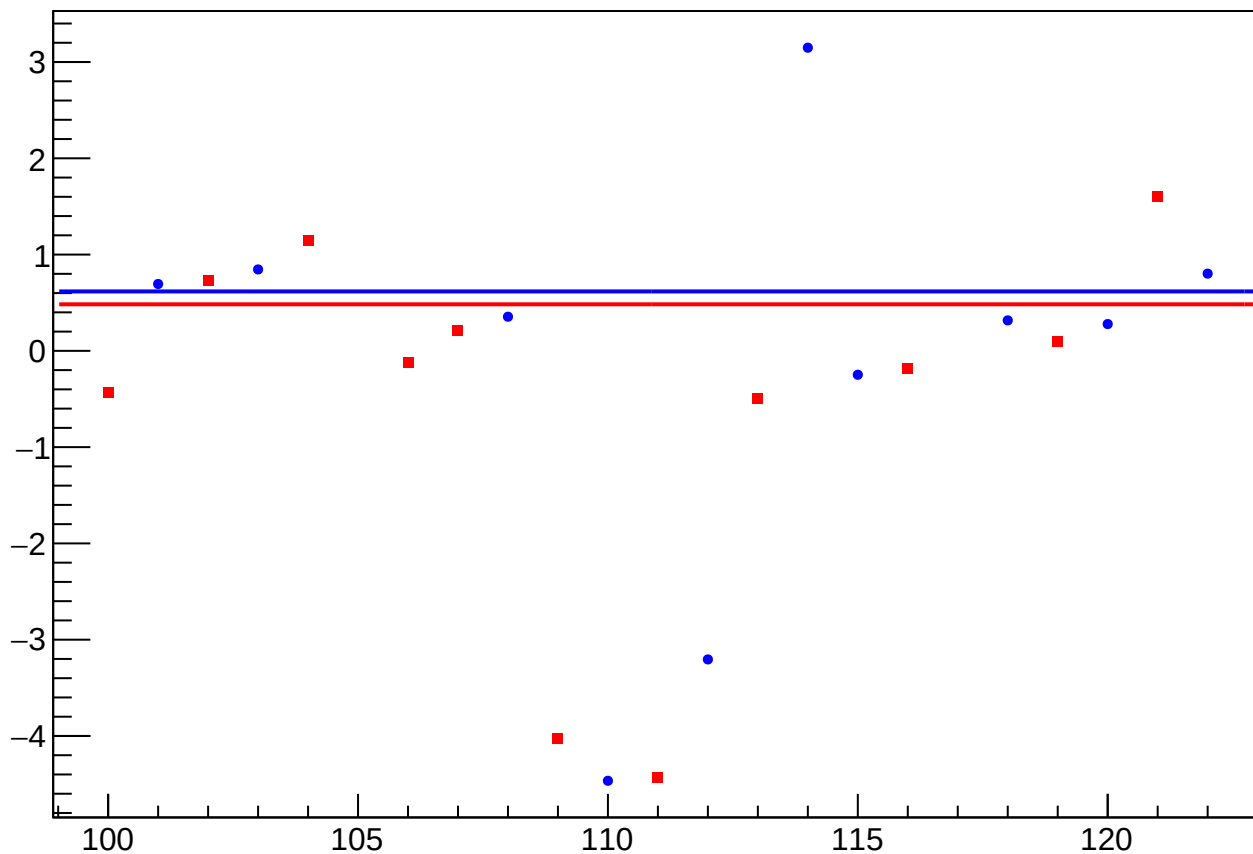
Right: 0.044+/-0.000 χ^2/NDF : 3596679.2/20

In: 0.041+/-0.000 χ^2/NDF : 1884167.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 3596679.2/20

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: 0.483+/-0.000 χ^2/NDF : 3793228389.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

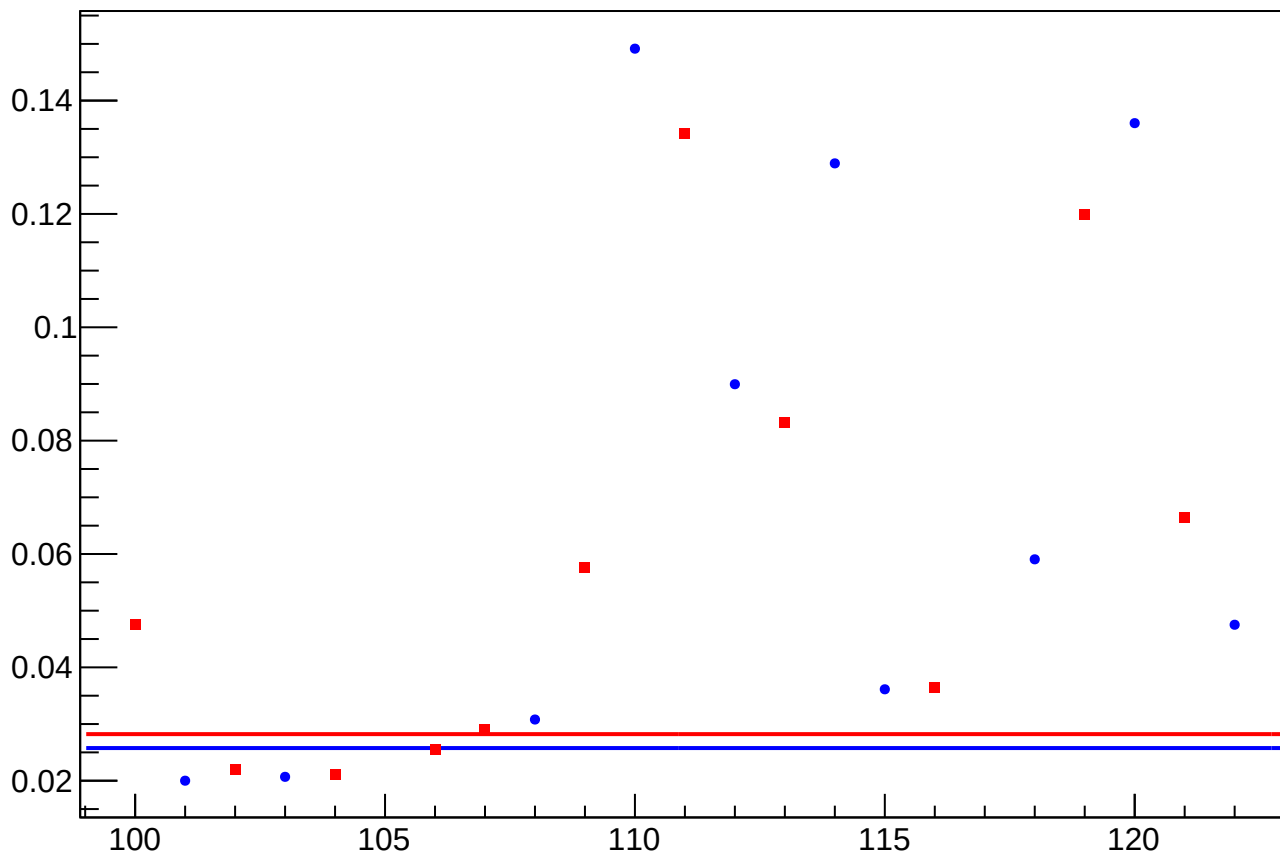
Right: 0.551+/-0.000 χ^2/NDF : 5171982795.4/20

In: 0.617+/-0.000 χ^2/NDF :1348729947.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.551+/-0.000 χ^2/NDF : 5171982795.4/20

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 : 2099570.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

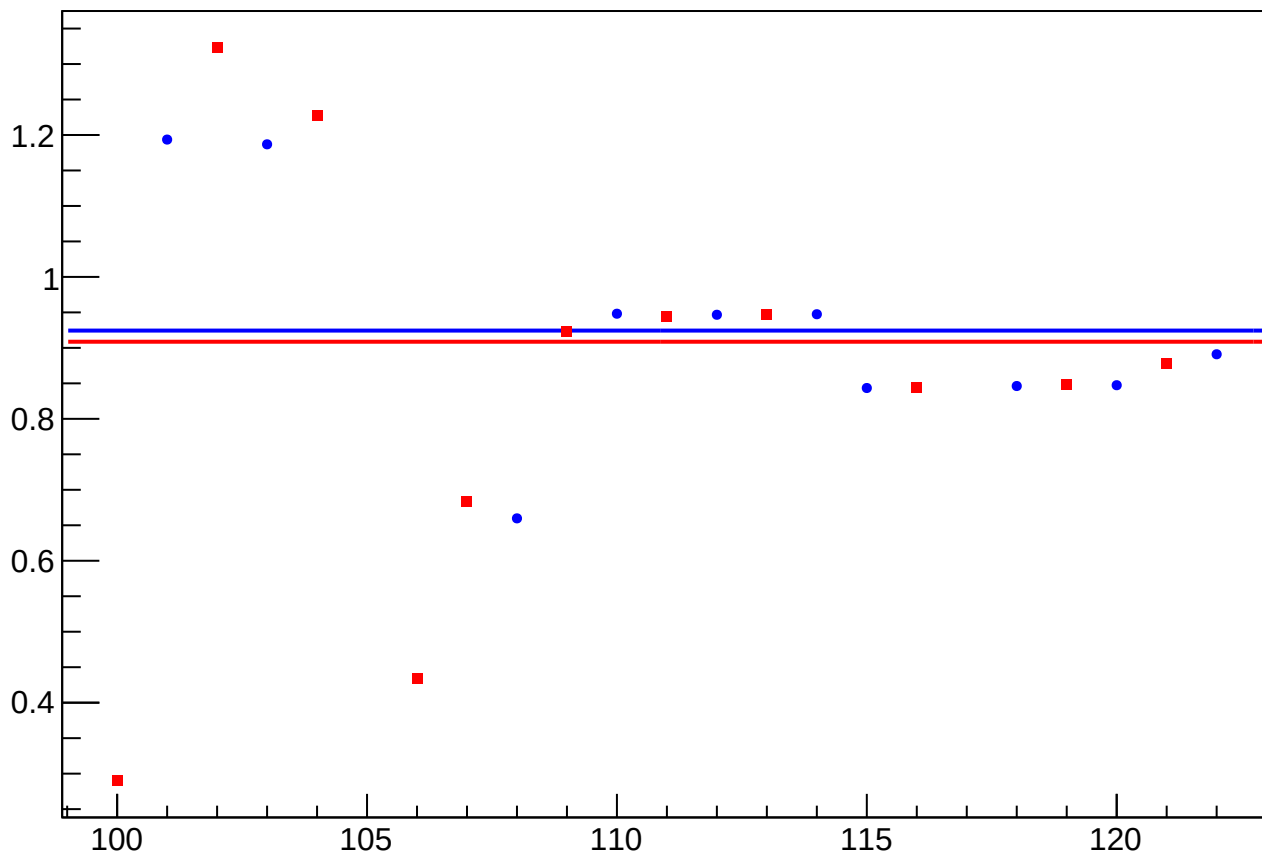
Right: 0.027+/-0.000 χ^2/NDF : 4045533.5/20

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 : 4045533.5/20

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: 0.909+/-0.000 χ^2/NDF : 469916770.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

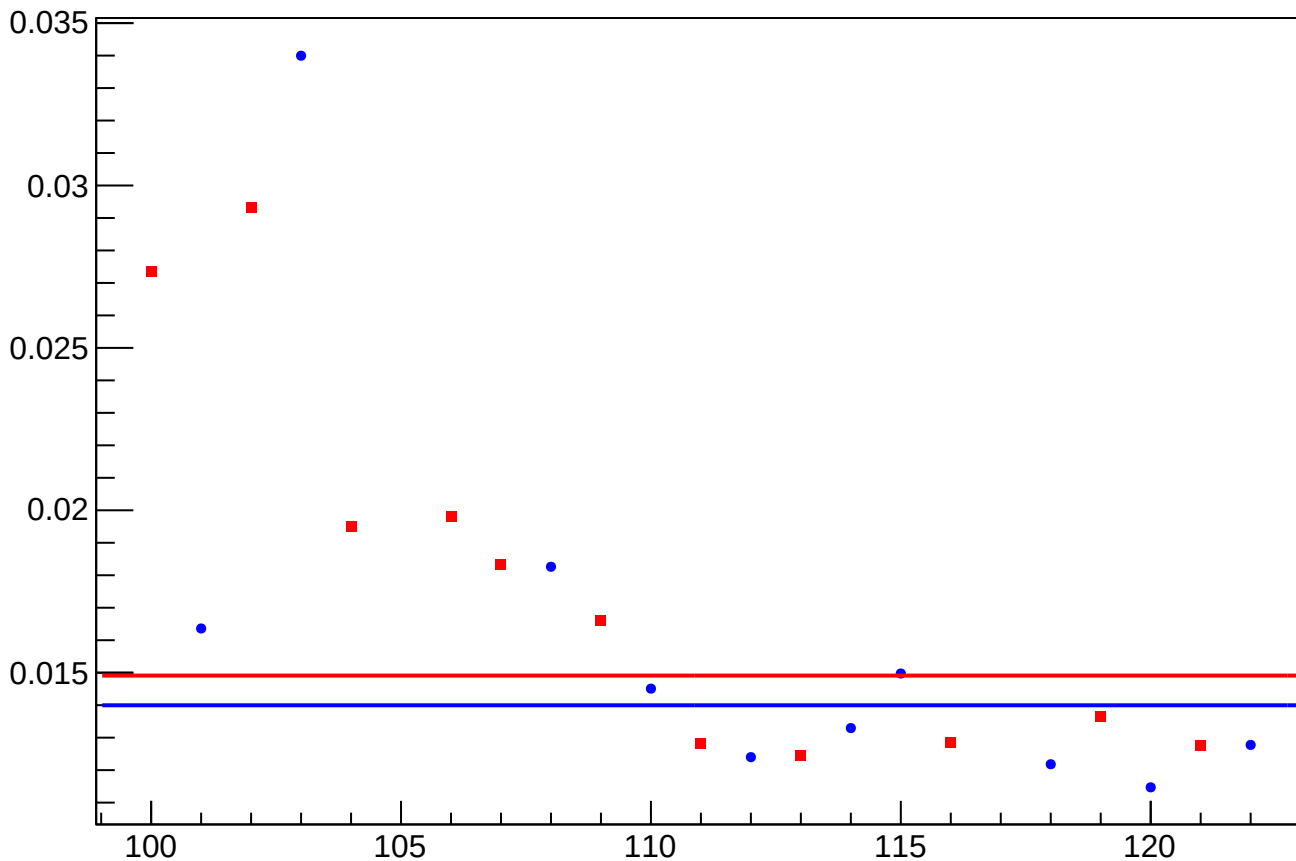
Right: 0.917+/-0.000 χ^2/NDF : 773579198.1/20

In: 0.924+/-0.000 χ^2/NDF :301560742.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.917+/-0.000 χ^2/NDF : 773579198.1/20

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 : 499320.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

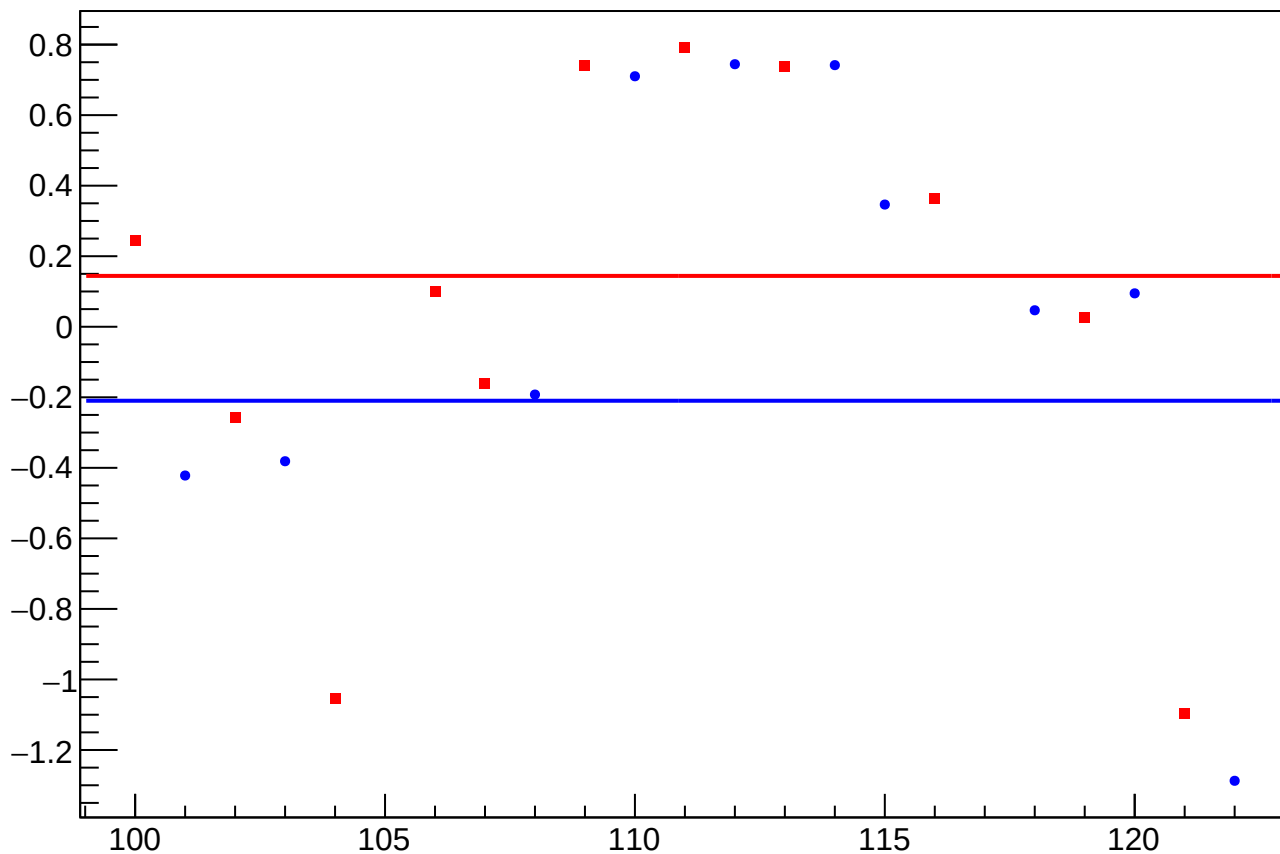
Right: 0.014+/-0.000 χ^2/NDF : 1041234.1/20

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 : 1041234.1/20

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: 0.144+/-0.000 χ^2/NDF : 9185739108.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

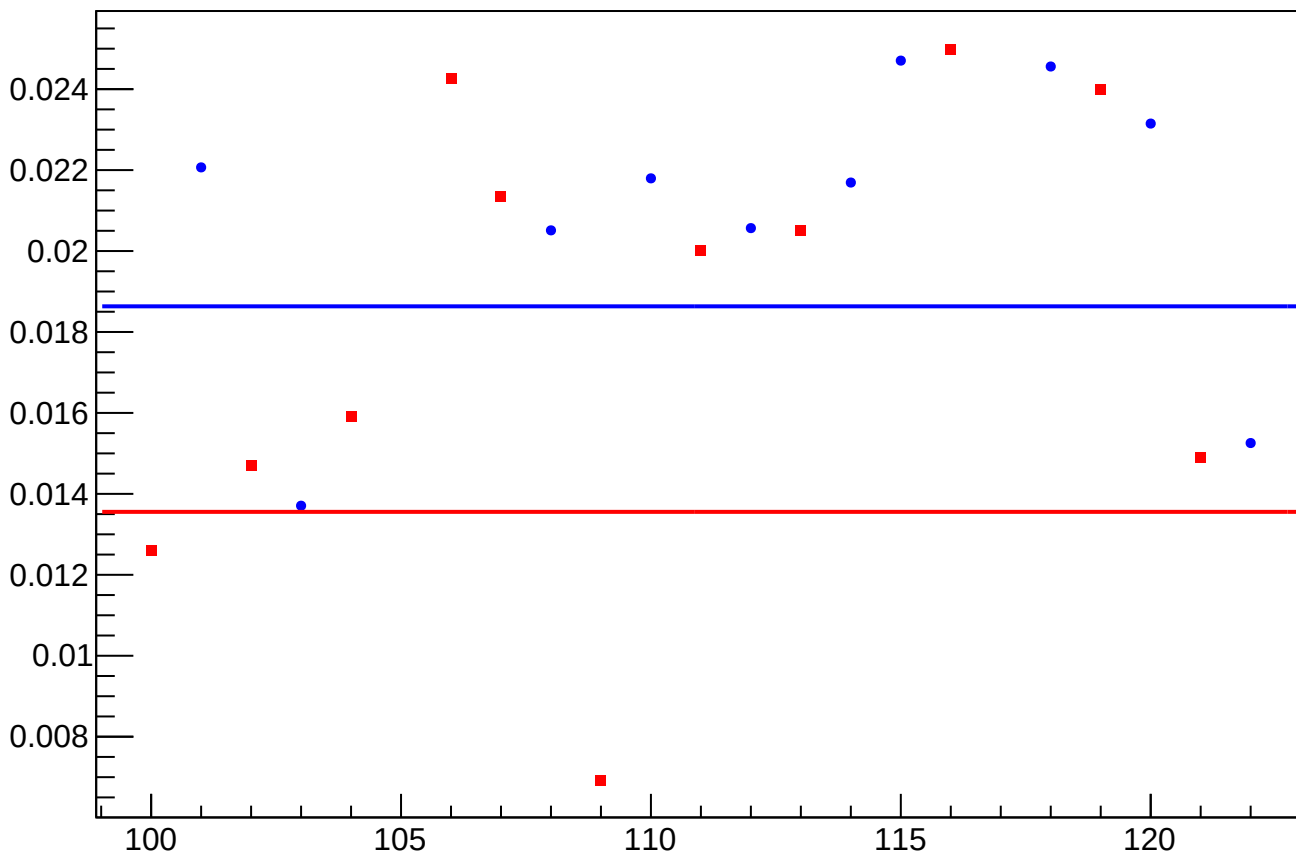
Right: 0.016+/-0.000 χ^2/NDF : 14119033489.2/20

In: -0.210+/-0.000 χ^2/NDF :4113261731.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 14119033489.2/20

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 : 1320540.8/10

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.015+/-0.000

χ^2/NDF : 2001381.8/20

In: 0.019+/-0.000

χ^2/NDF : 343263.7/9

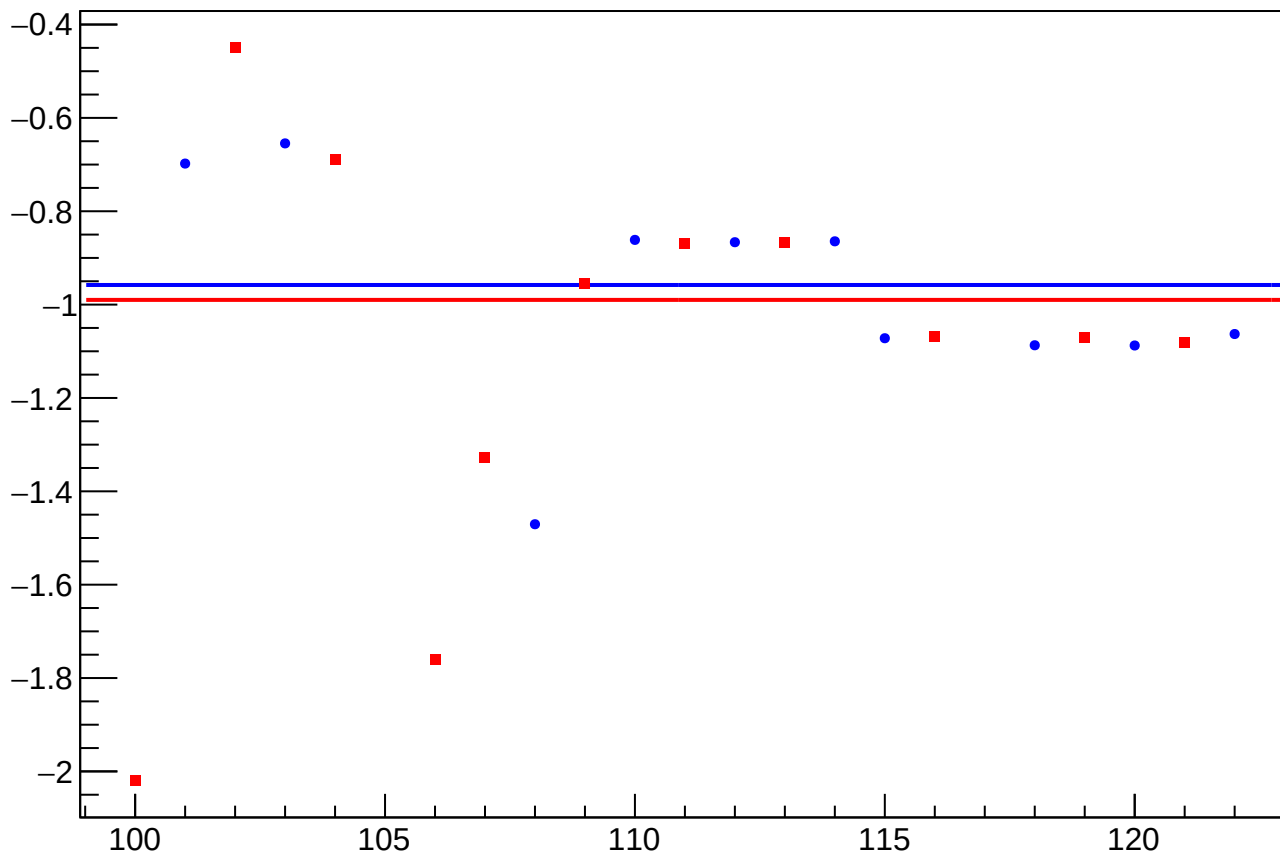
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

χ^2/NDF : 2001381.8/20

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: -0.990+/-0.000 χ^2/NDF : 235550240.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

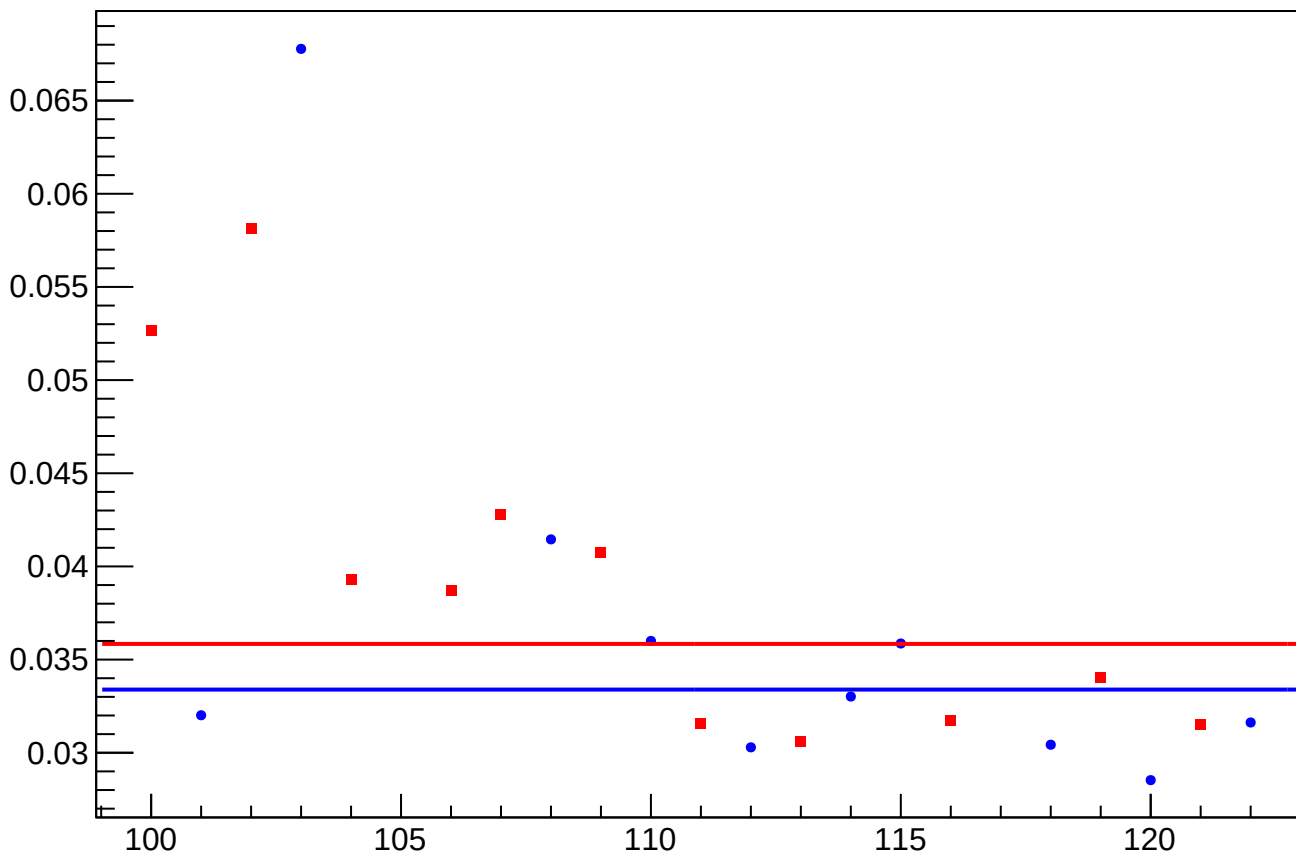
Right: -0.974+/-0.000 χ^2/NDF : 364349555.1/20

In: -0.958+/-0.000 χ^2/NDF :127258917.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.974+/-0.000 χ^2/NDF : 364349555.1/20

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 : 273183.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

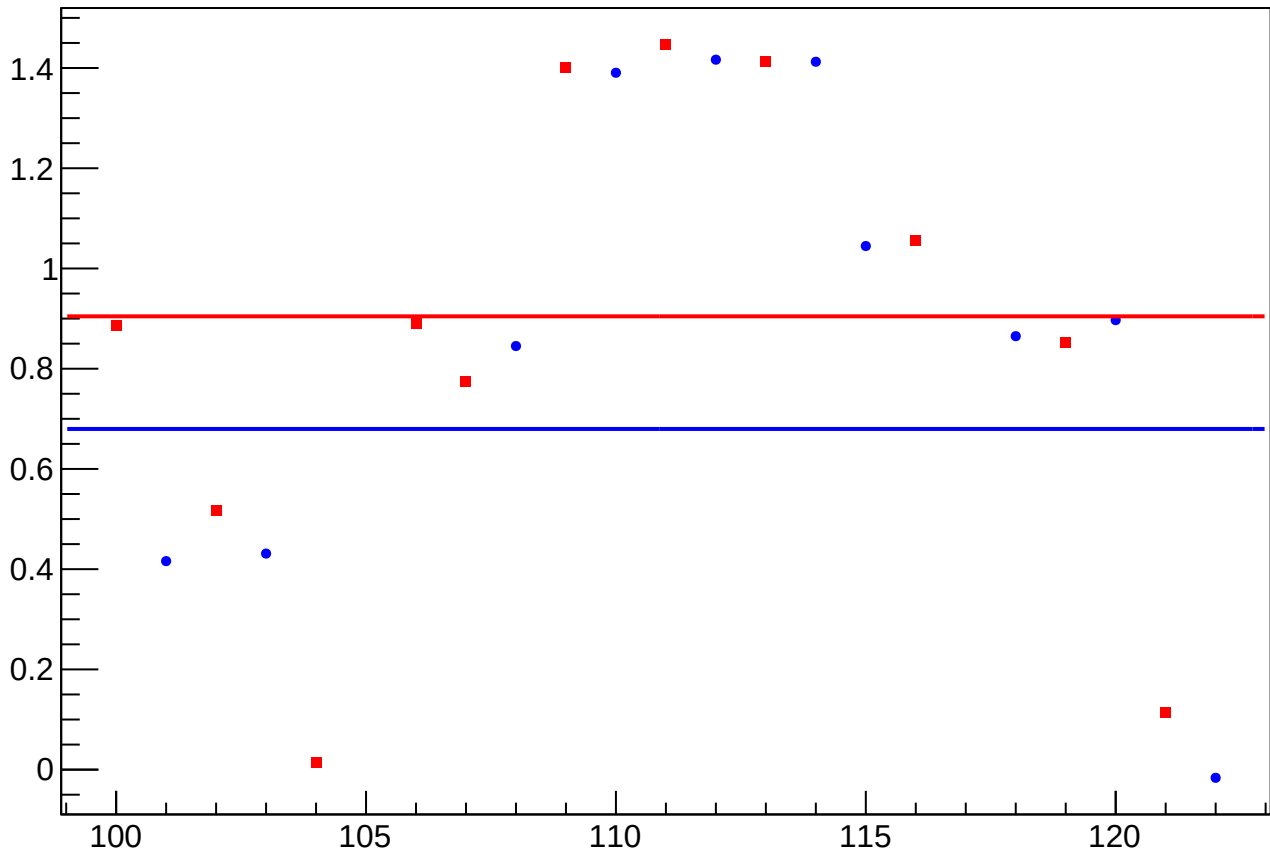
Right: 0.035+/-0.000 χ^2/NDF : 647180.1/20

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 : 647180.1/20

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: 0.905+/-0.000 χ^2/NDF : 9825007788.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

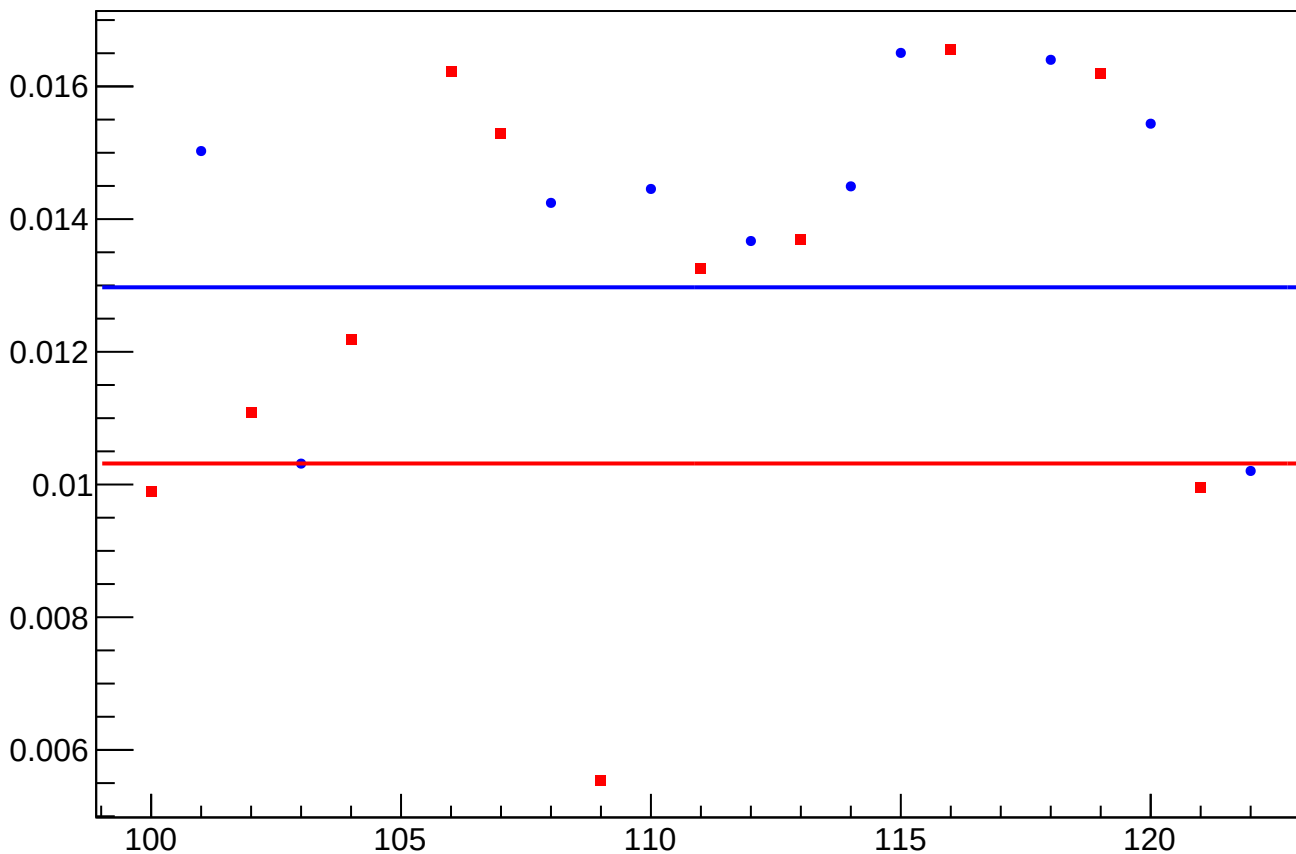
Right: 0.817+/-0.000 χ^2/NDF : 15539016733.9/20

In: 0.680+/-0.000 χ^2/NDF : 5057545929.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.817+/-0.000 χ^2/NDF : 15539016733.9/20

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 : 946631.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

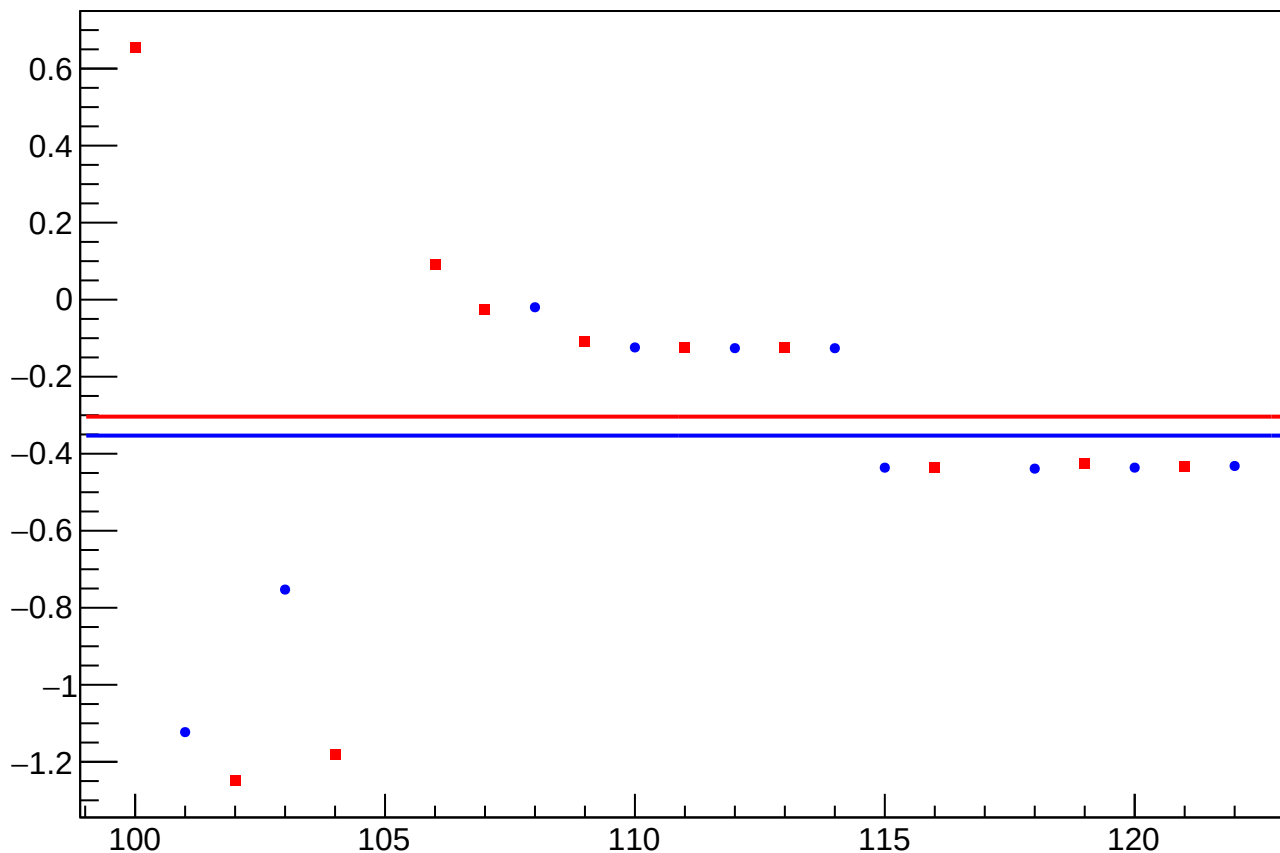
Right: 0.011+/-0.000 χ^2/NDF : 1373781.8/20

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 : 1373781.8/20

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: -0.304+/-0.000 χ^2/NDF : 681584474.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

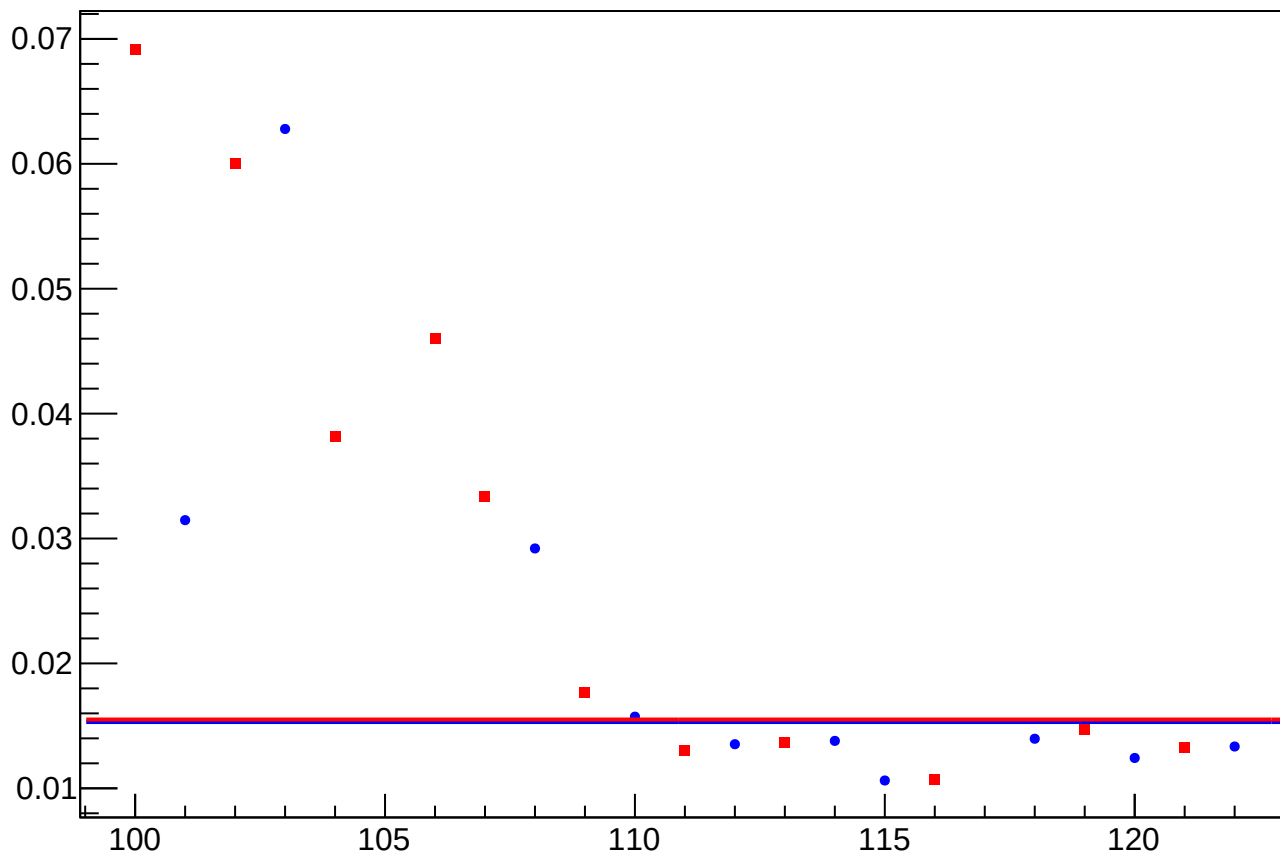
Right: -0.328+/-0.000 χ^2/NDF : 1343099001.1/20

In: -0.353+/-0.000 χ^2/NDF :646727229.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.328+/-0.000 χ^2/NDF : 1343099001.1/20

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 : 1460027.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

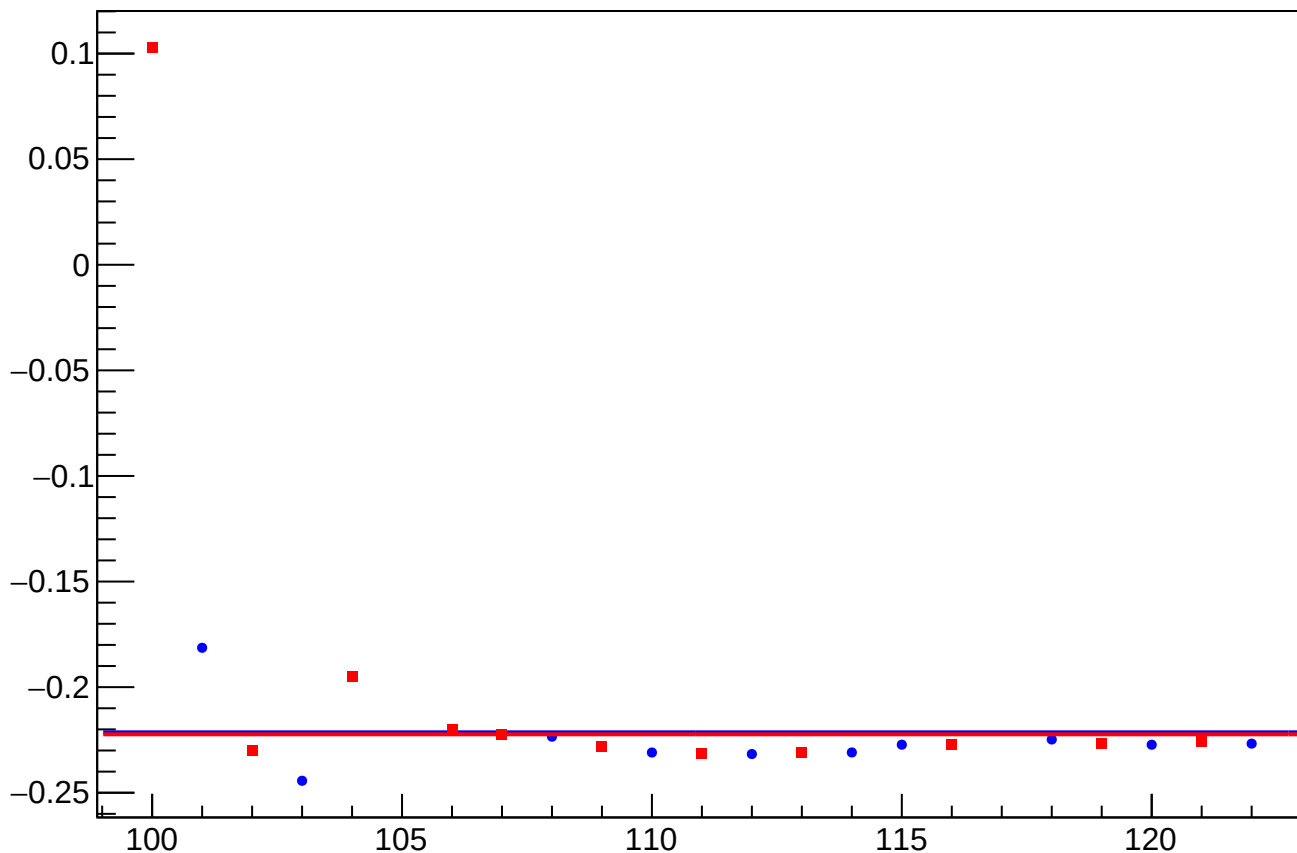
Right: 0.015+/-0.000 χ^2/NDF : 2618336.8/20

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 : 2618336.8/20

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 : 156974155.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

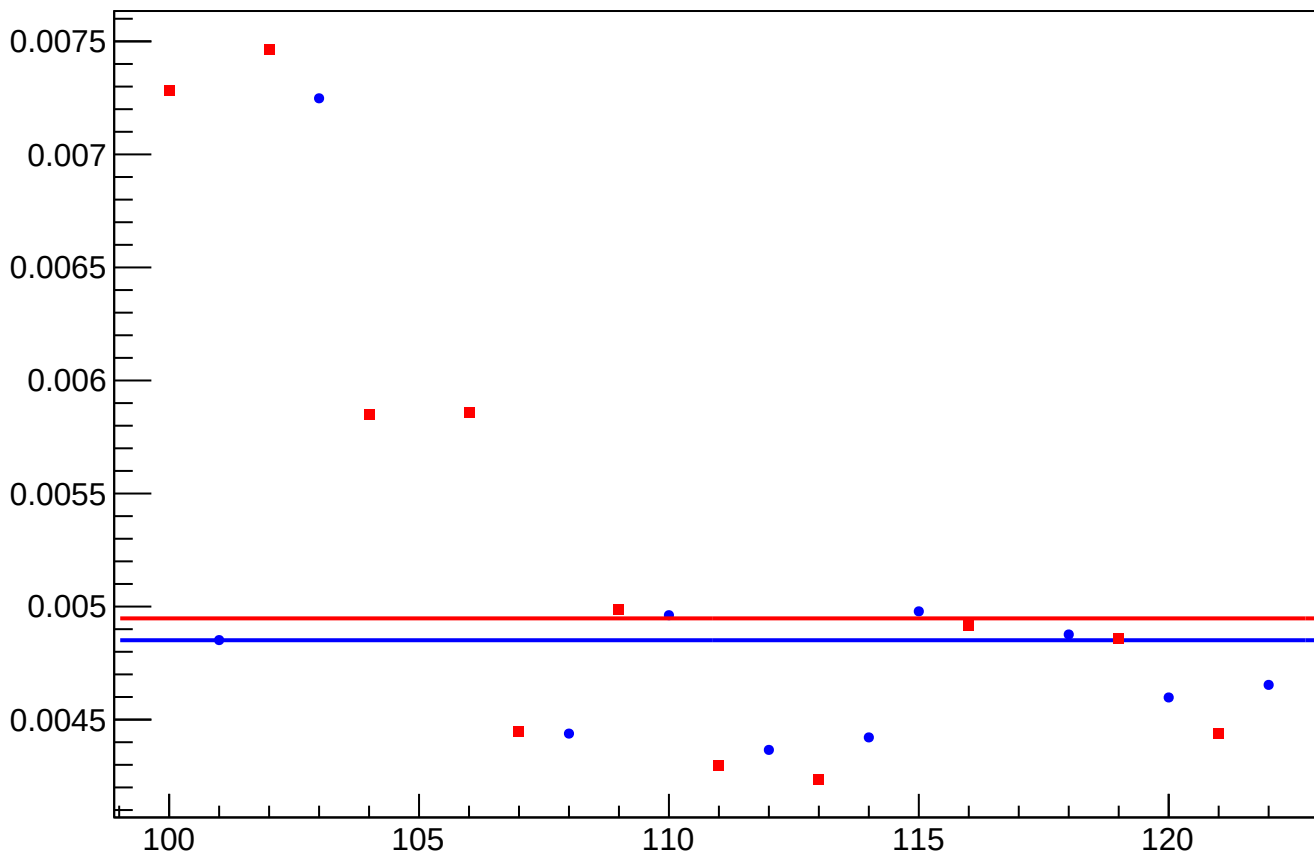
Right: -0.222+/-0.000 χ^2/NDF : 207819499.0/20

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 : 207819499.0/20

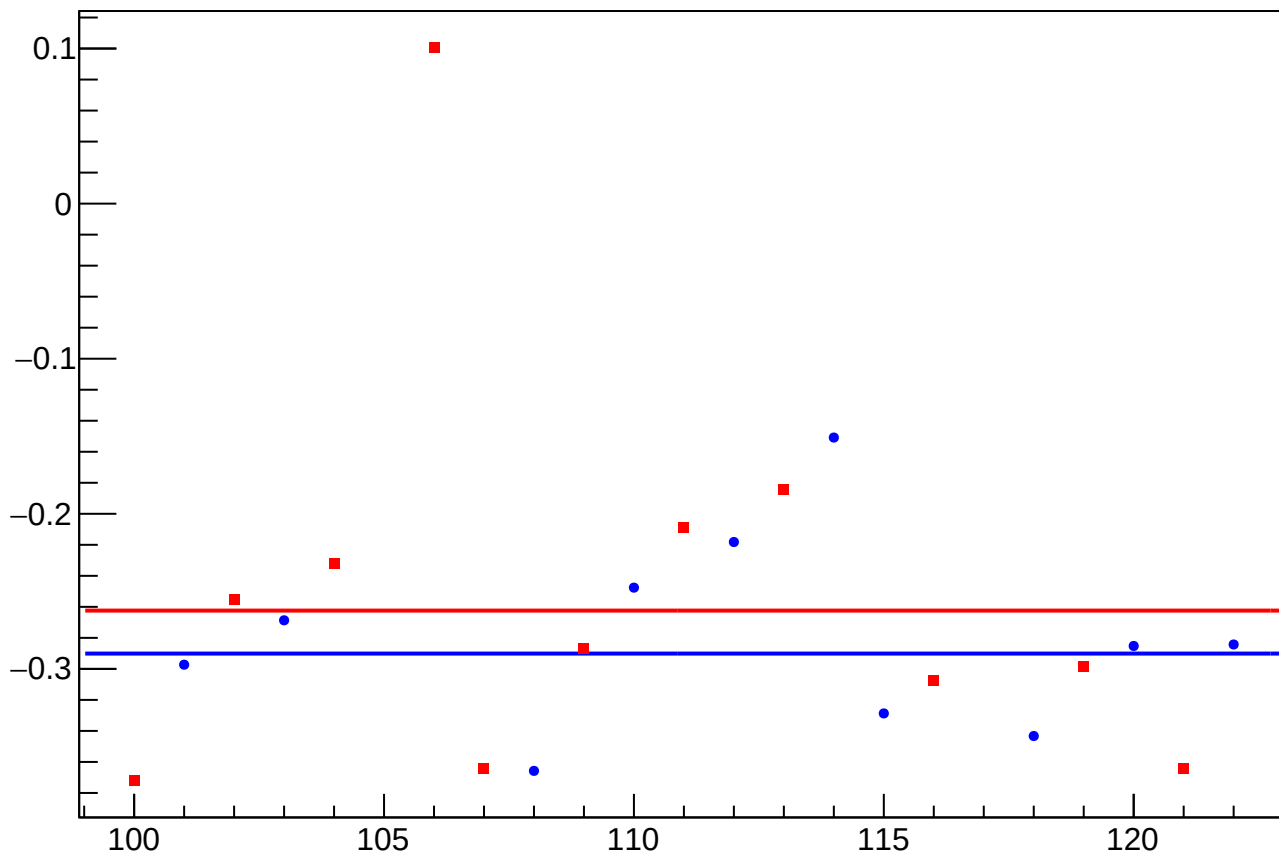
yield_bpm16Y_rms vs Slug, Sign Corrected



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 : 245726.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.005+/-0.000 χ^2/NDF : 392851.1/20
 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 : 392851.1/20

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: -0.262+/-0.000 χ^2/NDF : 720893017.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

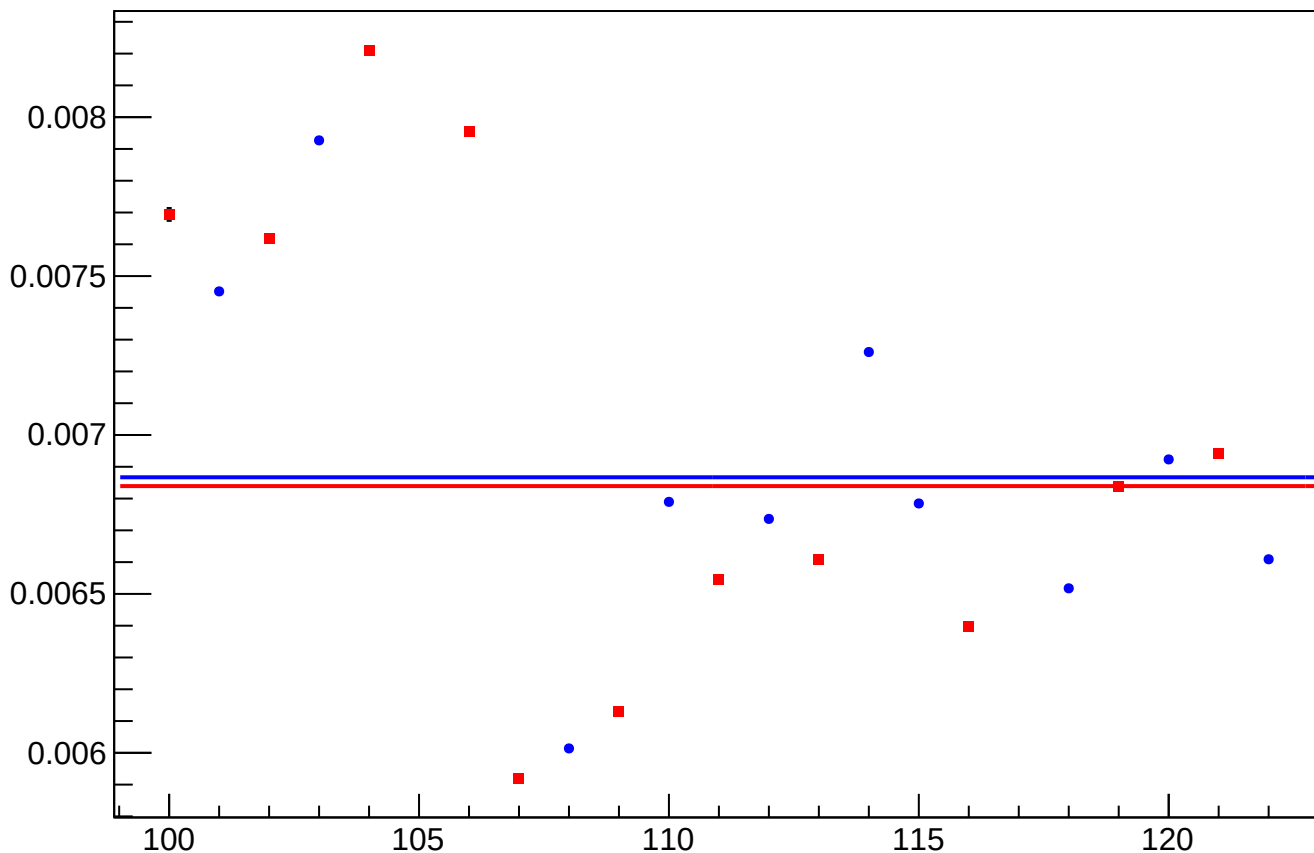
Right: -0.276+/-0.000 χ^2/NDF : 973306627.3/20

In: -0.290+/-0.000 χ^2/NDF :218497154.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.276+/-0.000 χ^2/NDF : 973306627.3/20

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 : 82307.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

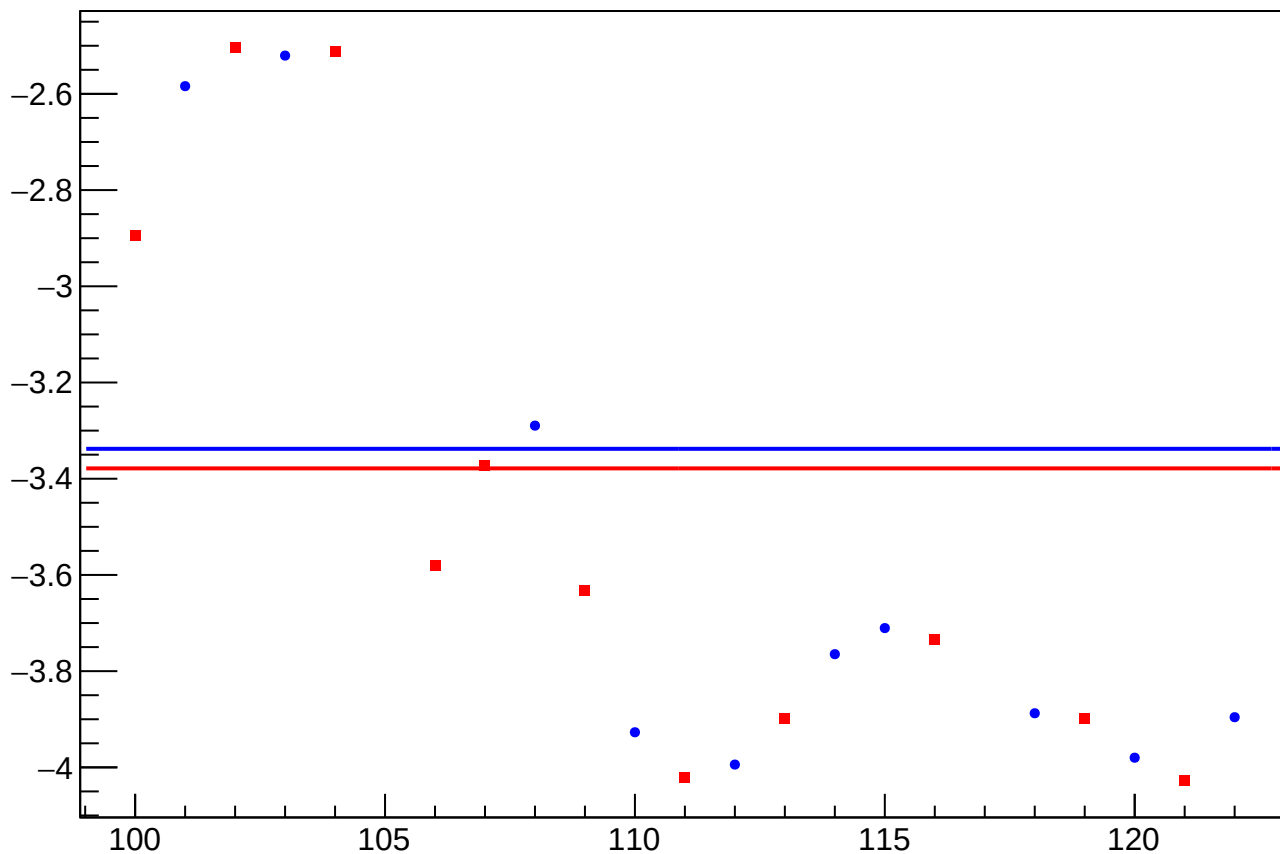
Right: 0.007+/-0.000 χ^2/NDF : 132904.6/20

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 : 132904.6/20

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.338+/-0.000 χ^2/NDF : 26493725076.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.379+/-0.000 χ^2/NDF : 26378420955.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

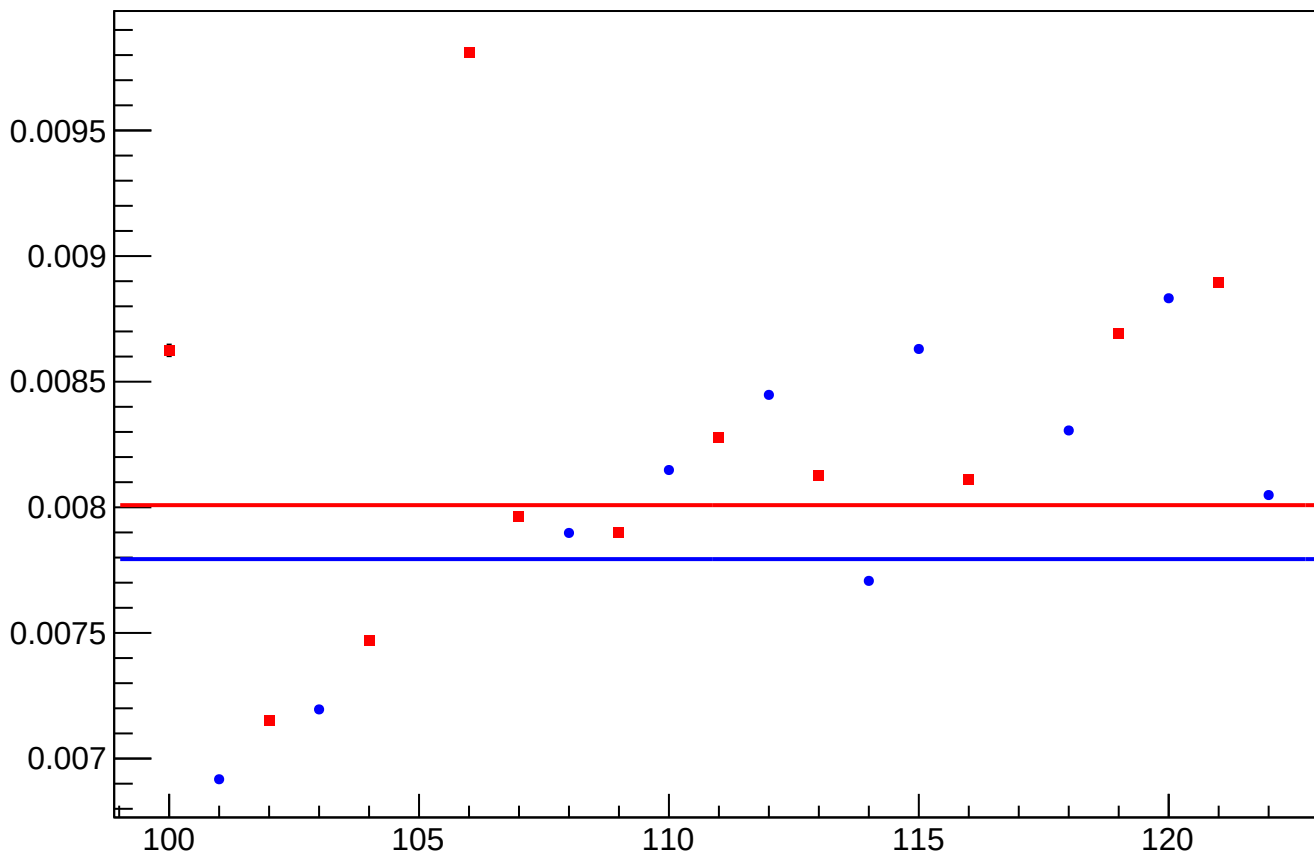
Right: -3.358+/-0.000 χ^2/NDF : 52926409845.1/20

In: -3.338+/-0.000 χ^2/NDF :26493725076.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.358+/-0.000 χ^2/NDF : 52926409845.1/20

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 : 51706.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

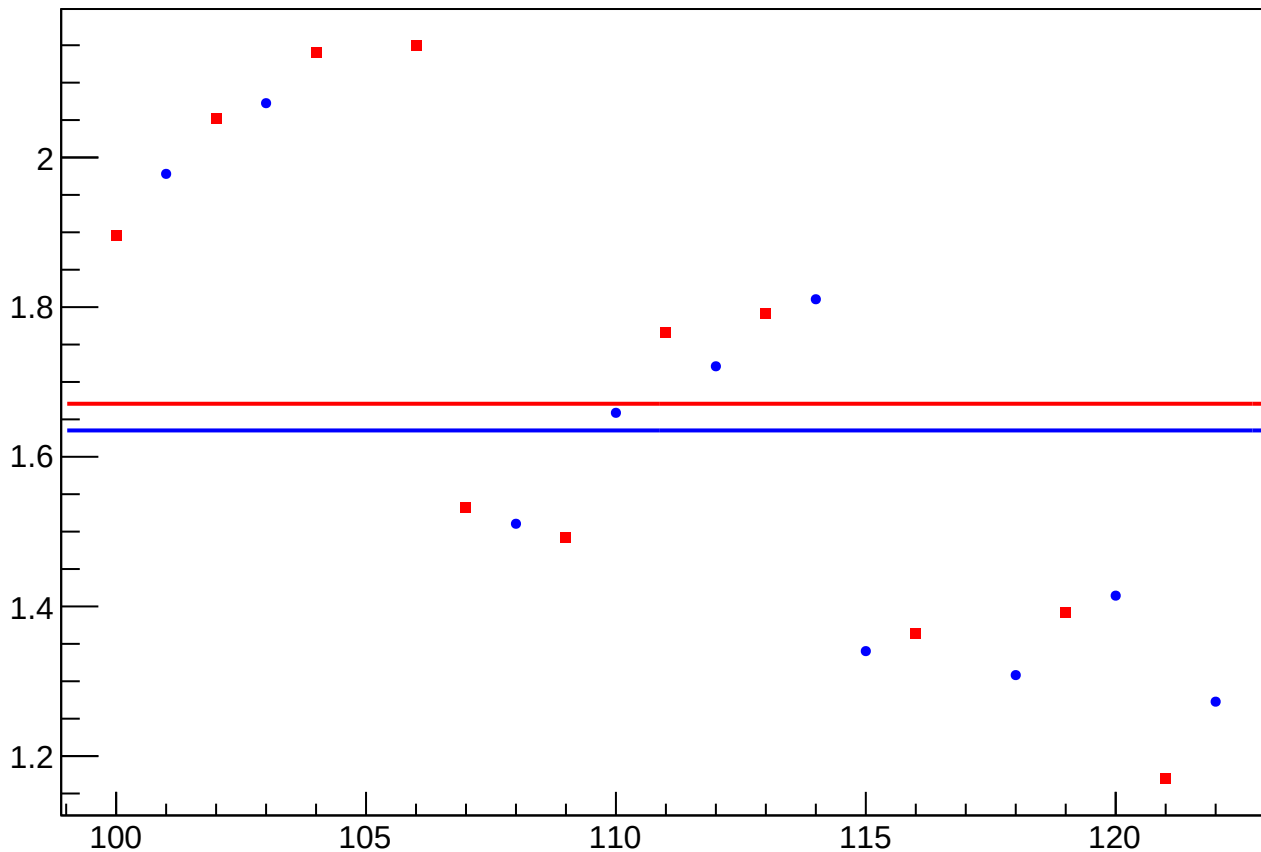
Right: 0.008+/-0.000 χ^2/NDF : 107370.4/20

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 : 107370.4/20

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

Right: 1.654+/-0.000

χ^2/NDF : 4914816718.4/20

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.635+/-0.000

χ^2/NDF : 2065146298.8/9

Right Out: 1.671+/-0.000

χ^2/NDF : 2833566005.1/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

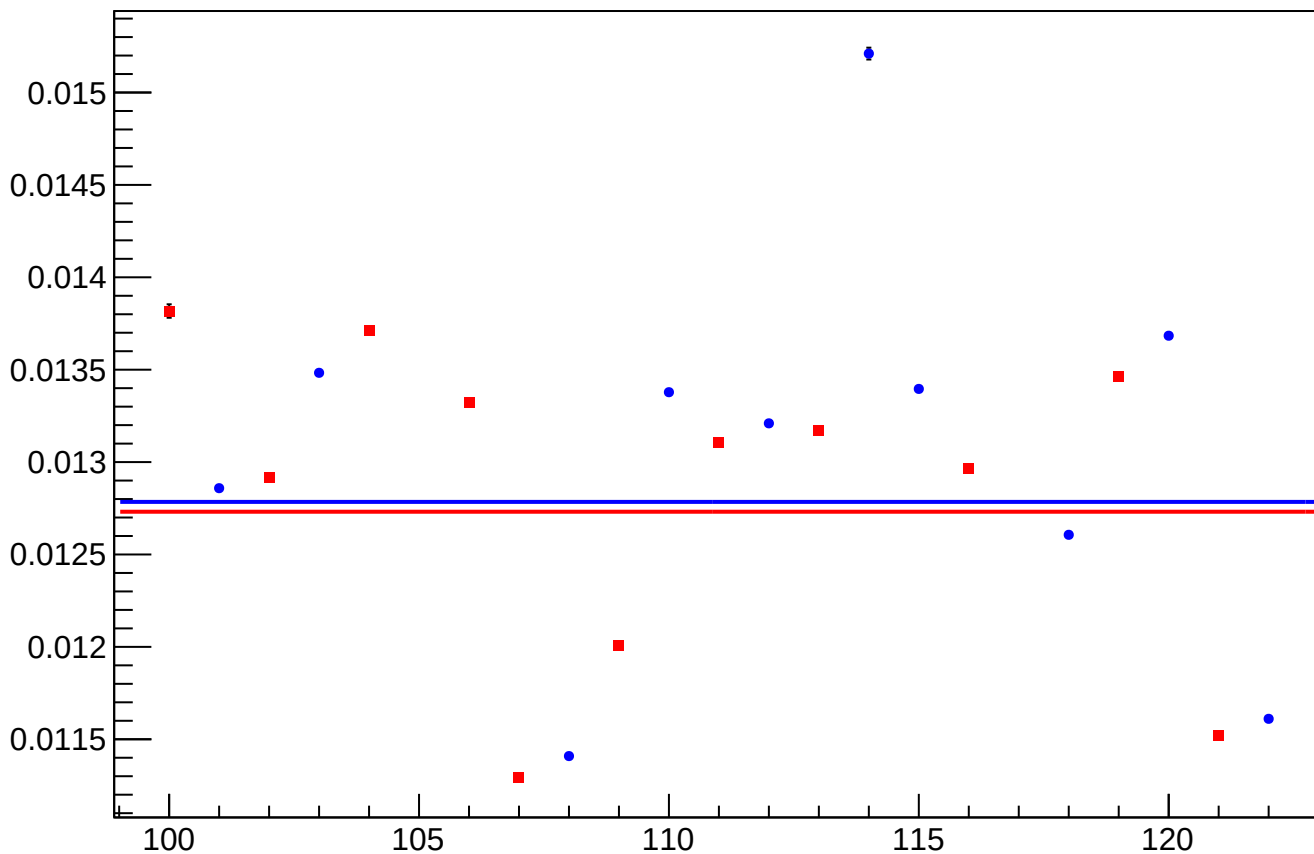
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.654+/-0.000

χ^2/NDF : 4914816718.4/20

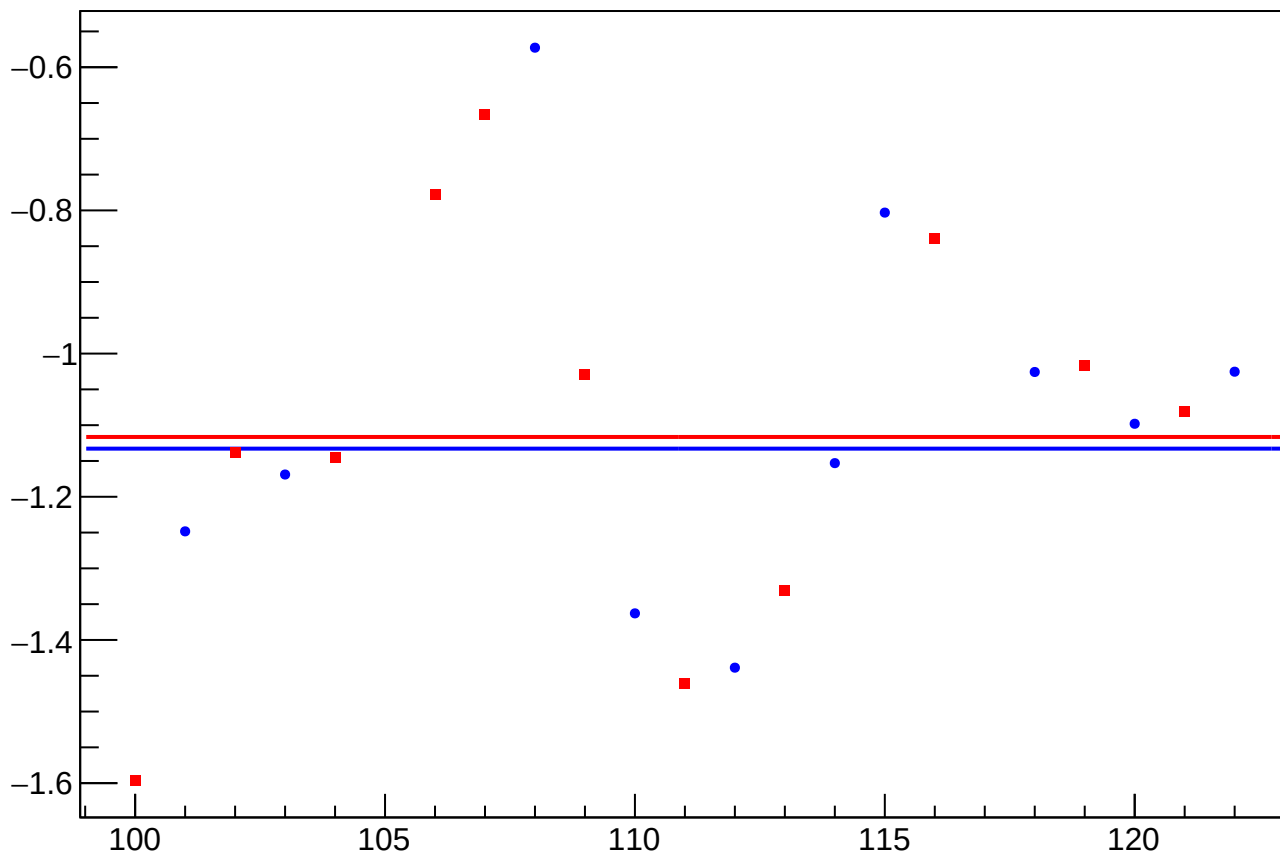
yield_bpm0i02aX_rms vs Slug, Sign Corrected



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 : 33476.4/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.013+/-0.000 χ^2/NDF : 68069.5/20
 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 : 68069.5/20

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: -1.116+/-0.000 χ^2/NDF : 1911094360.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

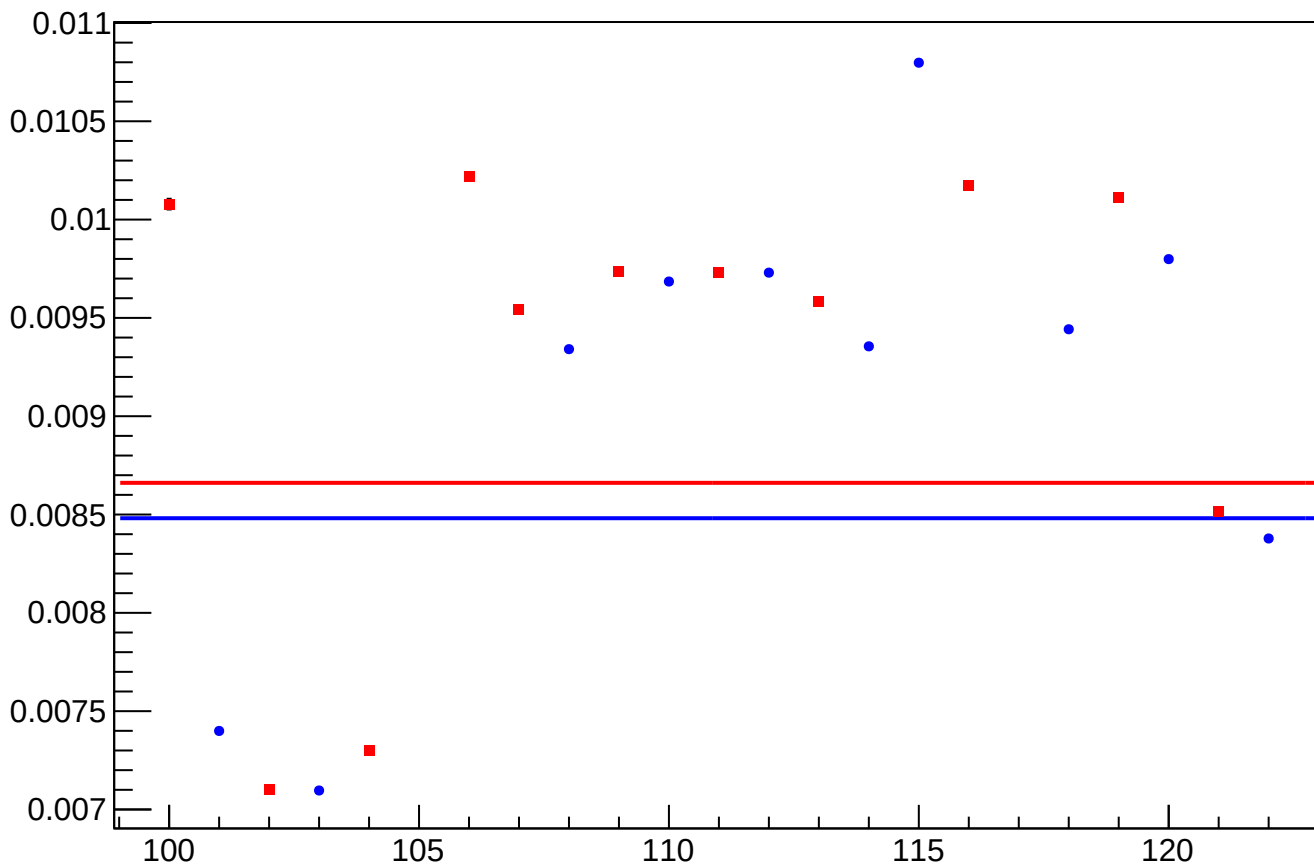
Right: -1.124+/-0.000 χ^2/NDF : 4369944723.9/20

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 : 4369944723.9/20

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 : 173578.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

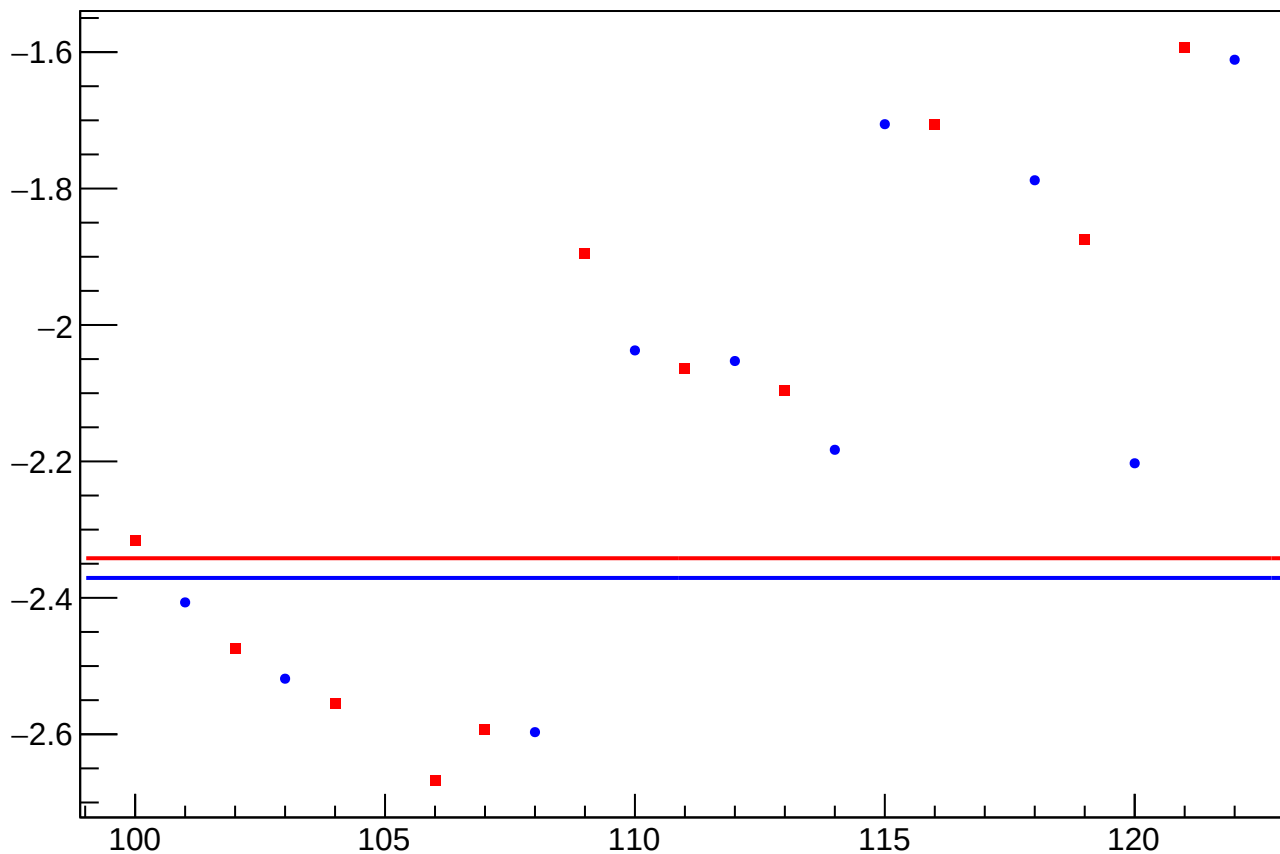
Right: 0.009+/-0.000 χ^2/NDF : 316430.9/20

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 : 316430.9/20

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: -2.342+/-0.000 χ^2/NDF : 6632267654.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

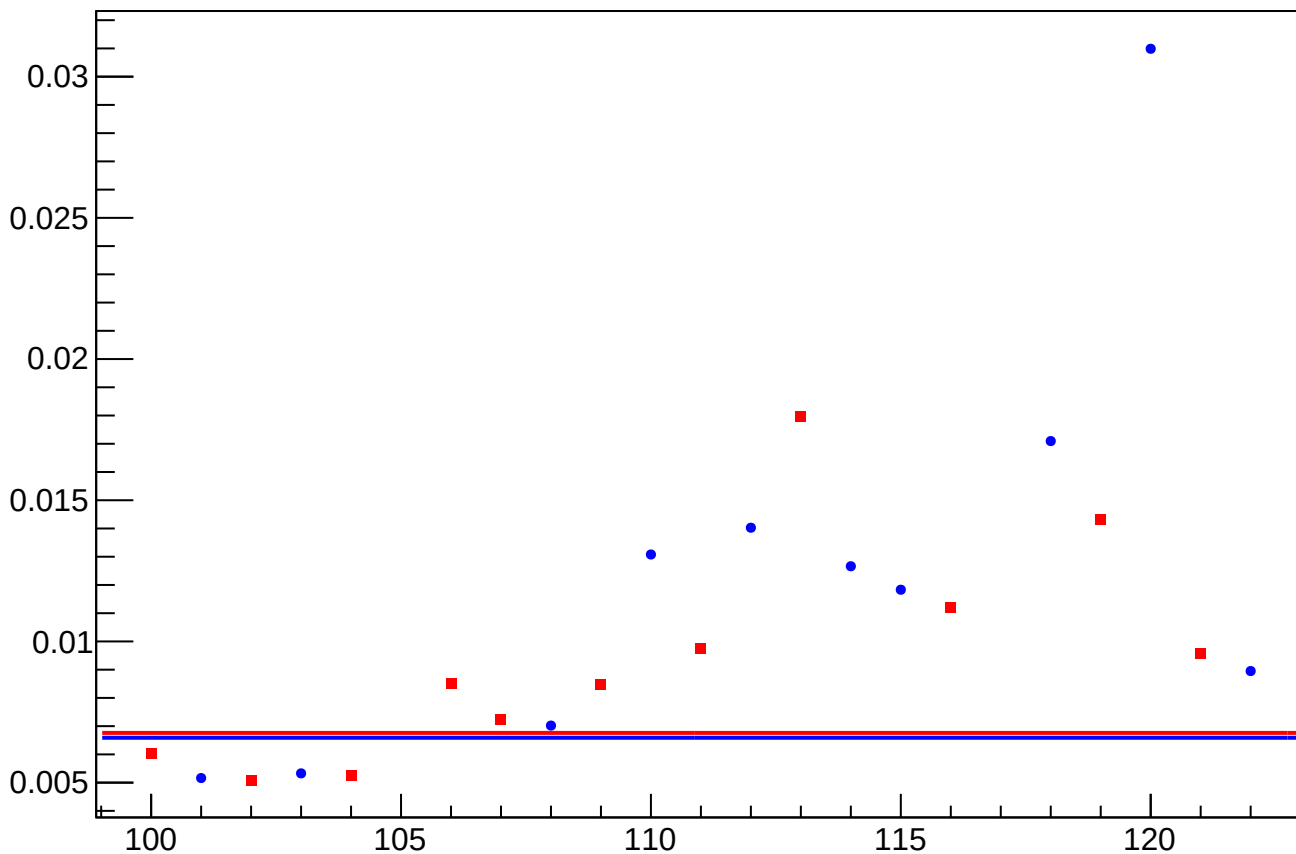
Right: -2.356+/-0.000 χ^2/NDF : 11157138592.1/20

In: -2.371+/-0.000 χ^2/NDF :4497477508.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.356+/-0.000 χ^2/NDF : 11157138592.1/20

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 : 898065.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

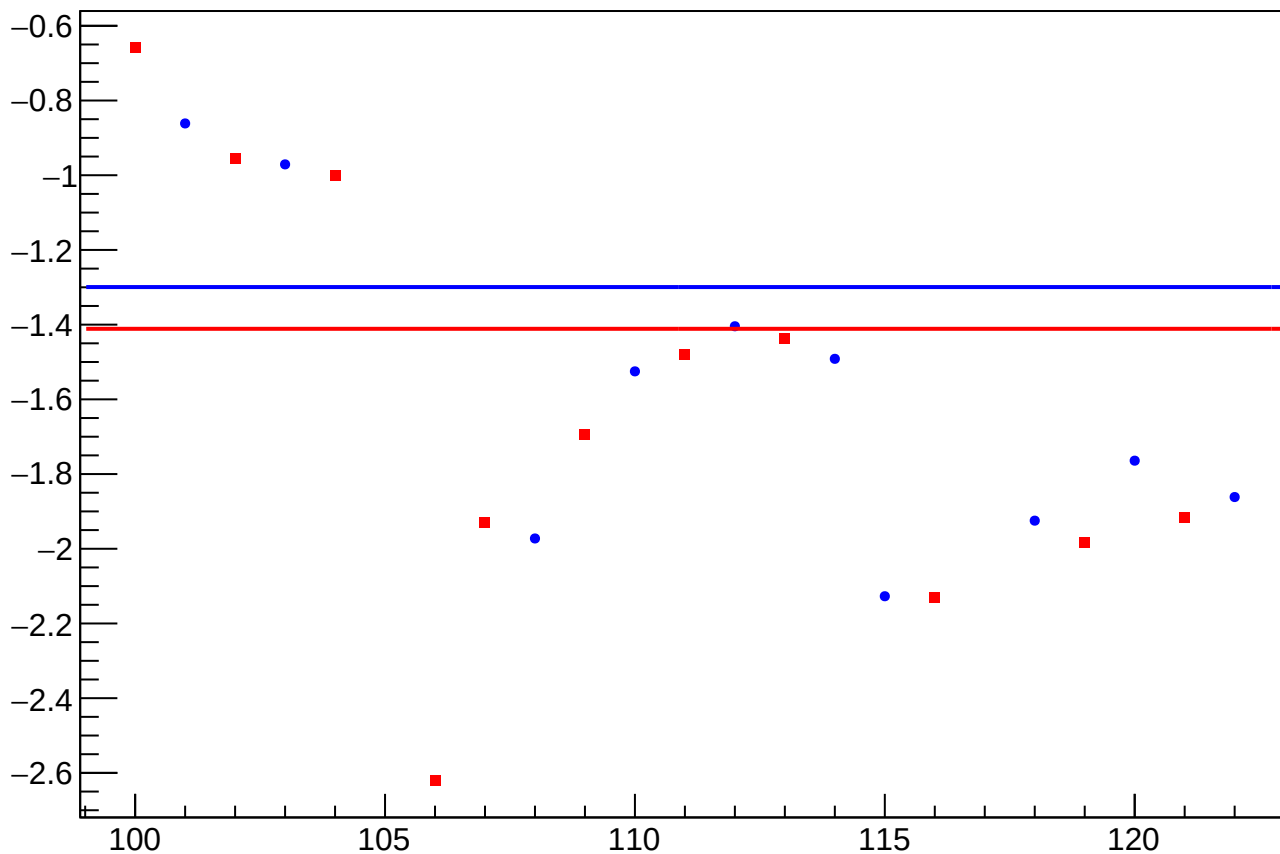
Right: 0.007+/-0.000 χ^2/NDF : 2085317.6/20

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 : 2085317.6/20

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: -1.411+/-0.000 χ^2/NDF : 23578992373.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

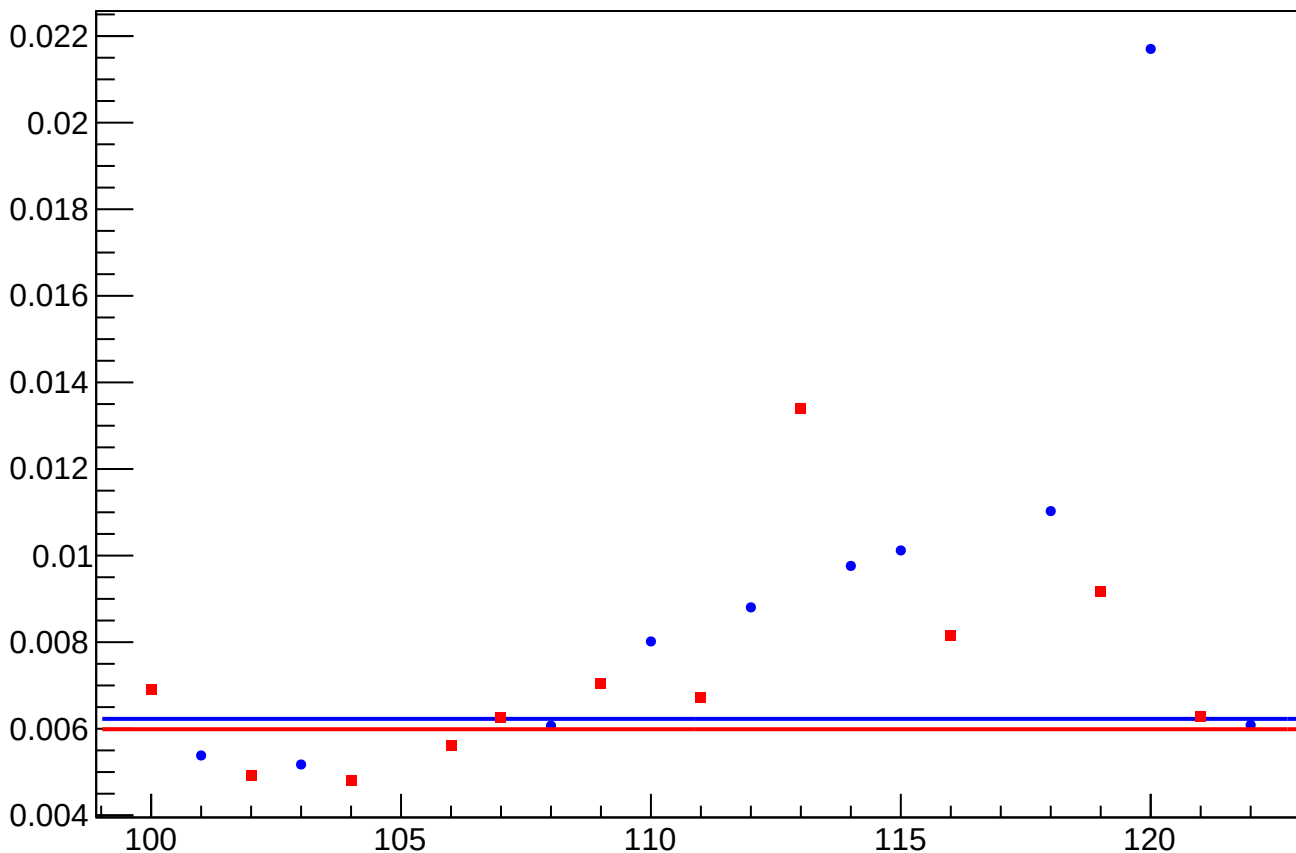
Right: -1.361+/-0.000 χ^2/NDF : 40241716082.3/20

In: -1.299+/-0.000 χ^2/NDF :16133658643.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.361+/-0.000 χ^2/NDF : 40241716082.3/20

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 : 428096.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

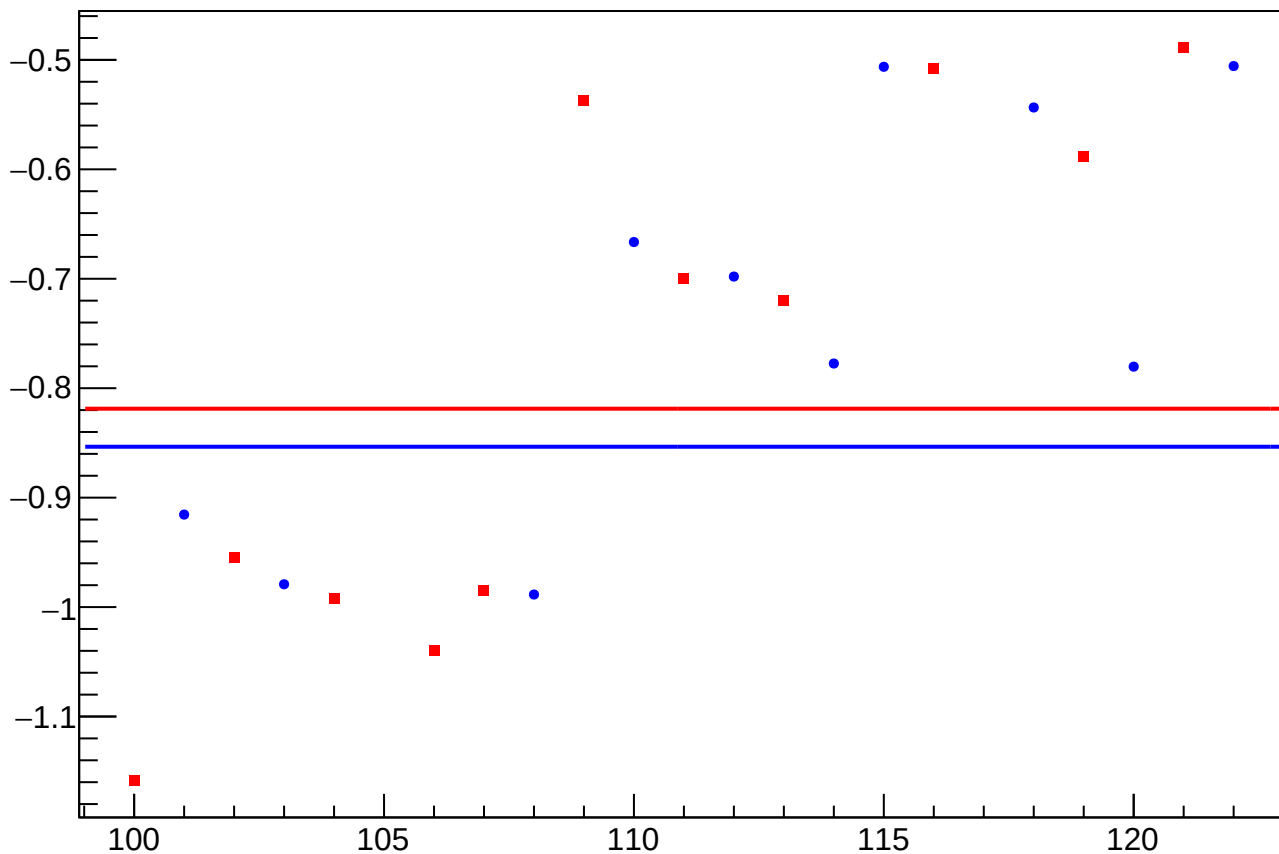
Right: 0.006+/-0.000 χ^2/NDF : 1020753.8/20

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 : 1020753.8/20

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: -0.819+/-0.000 χ^2/NDF : 5730086679.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

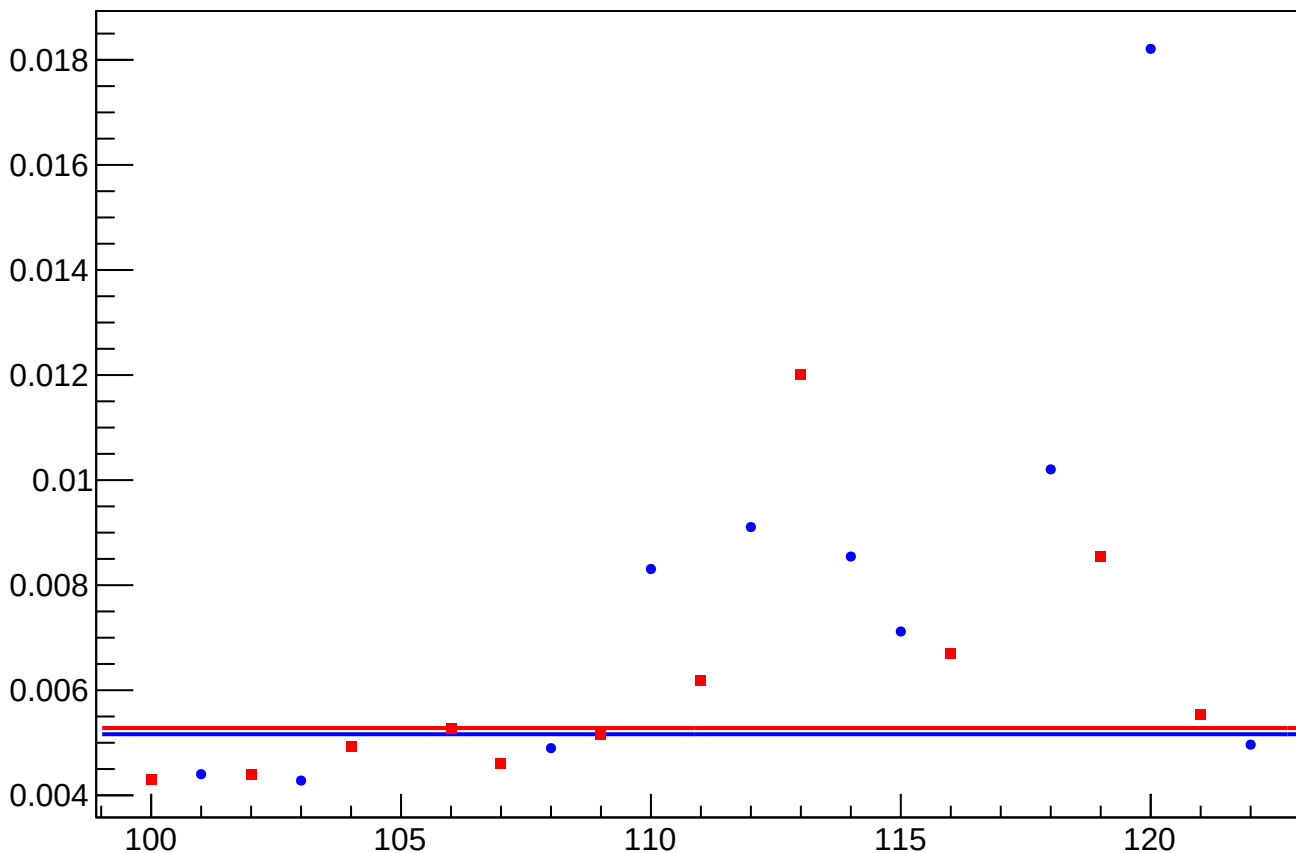
Right: -0.835+/-0.000 χ^2/NDF : 9253711178.3/20

In: -0.853+/-0.000 χ^2/NDF :3453364678.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.835+/-0.000 χ^2/NDF : 9253711178.3/20

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 : 406372.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

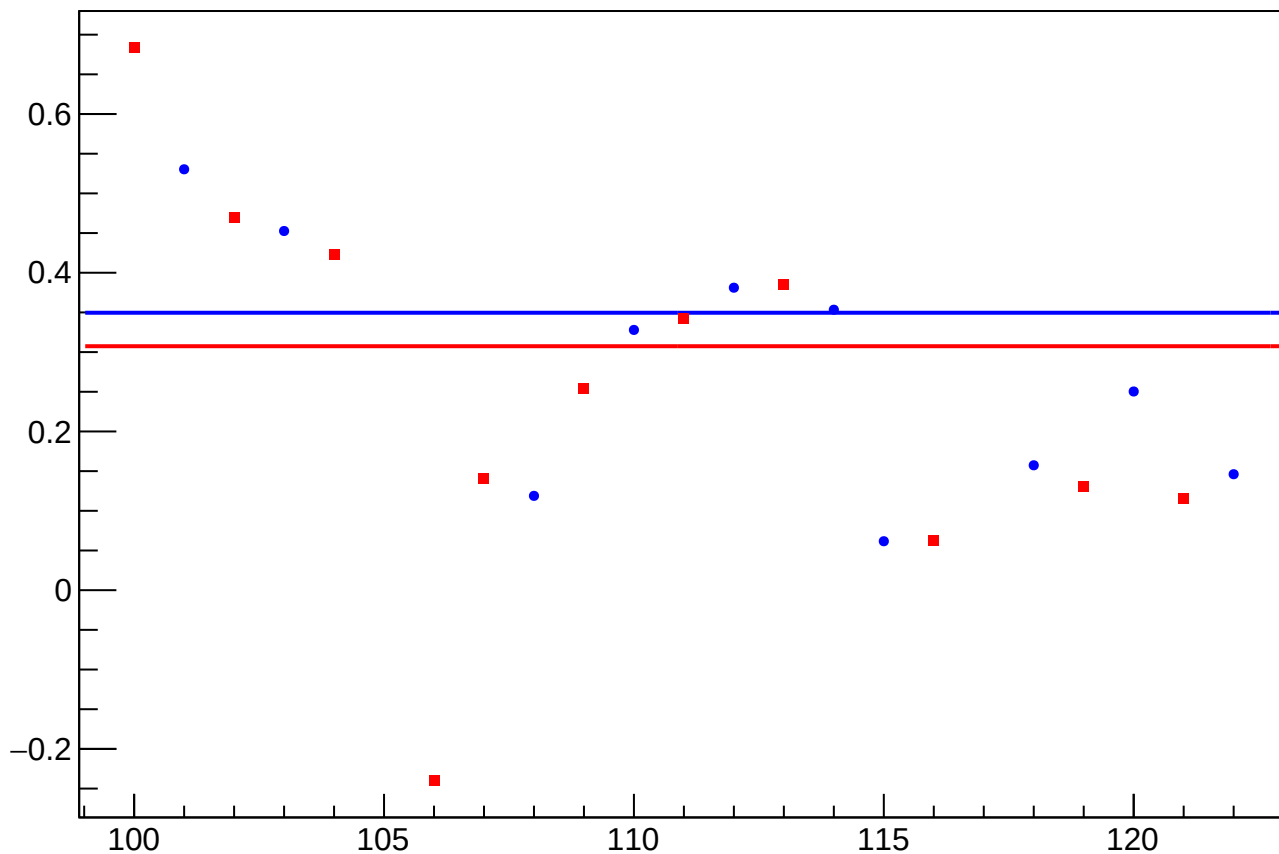
Right: 0.005+/-0.000 χ^2/NDF : 1190334.0/20

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 : 1190334.0/20

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.350+/-0.000

χ^2/NDF : 4956483575.3/9

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.326+/-0.000 χ^2/NDF : 12202777366.6/20

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.350+/-0.000 χ^2/NDF : 4956483575.3/9

Right Out: 0.307+/-0.000

χ^2/NDF : 7063762775.5/10

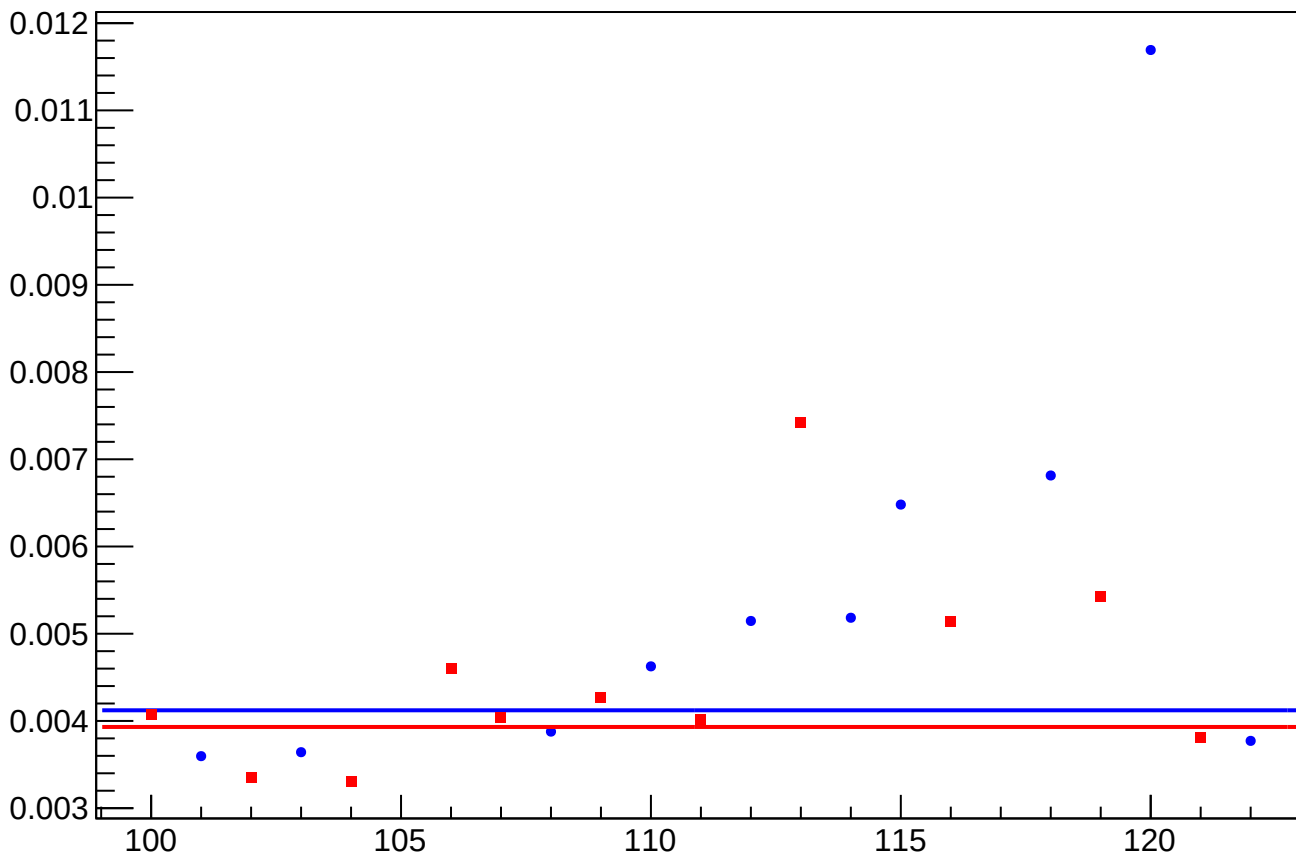
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.326+/-0.000 χ^2/NDF : 12202777366.6/20

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 : 289345.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

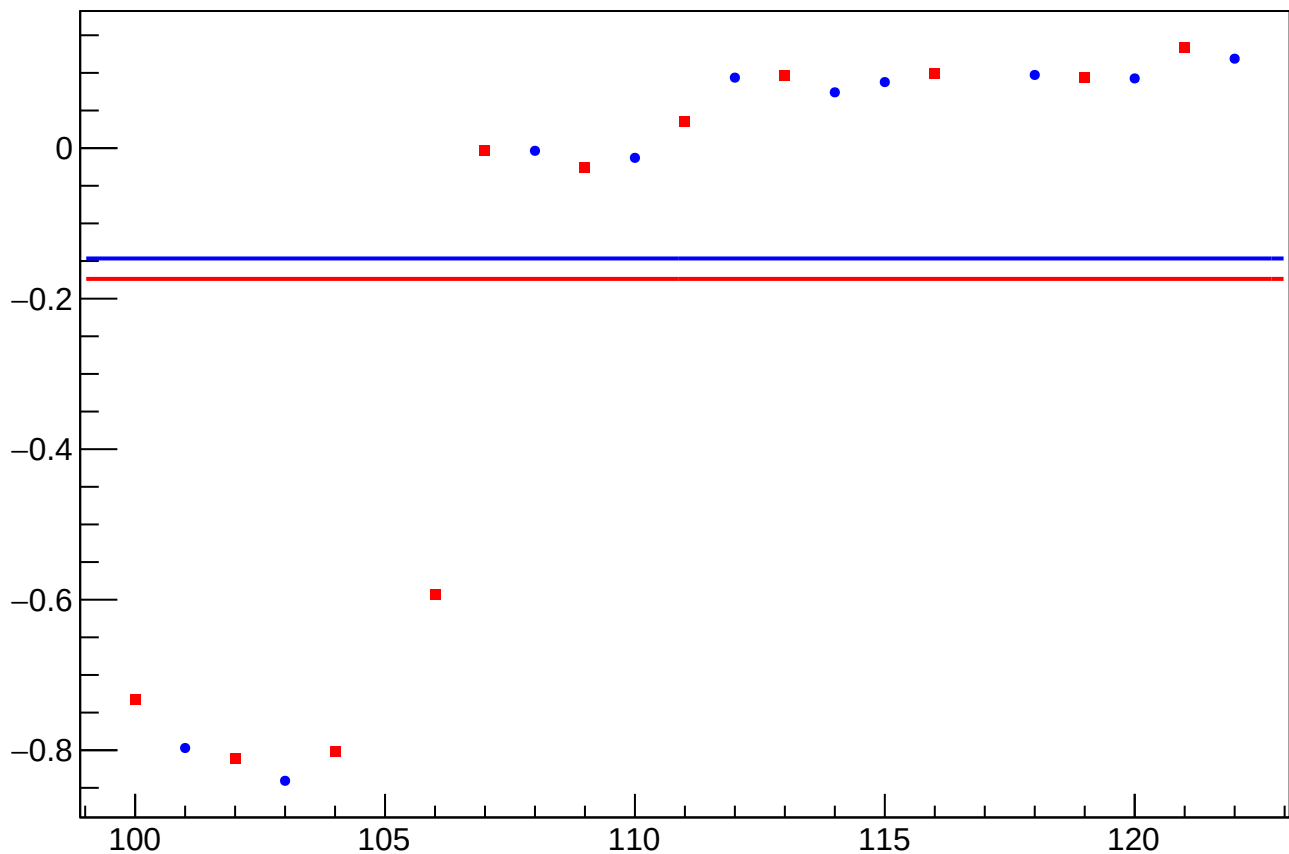
Right: 0.004+/-0.000 χ^2/NDF : 757835.1/20

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 : 757835.1/20

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: -0.174+/-0.000 χ^2/NDF : 5637529073.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

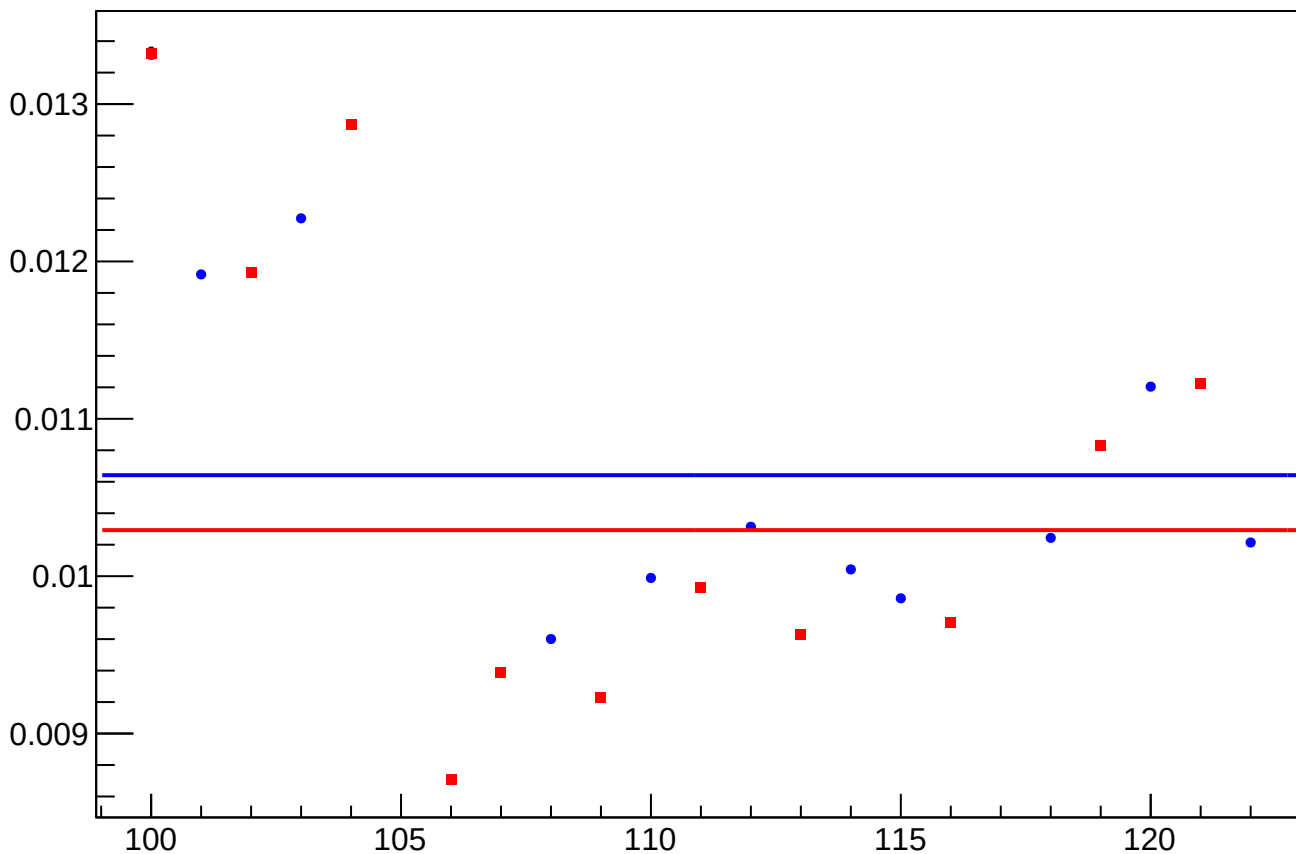
Right: -0.161+/-0.000 χ^2/NDF : 10822633725.7/20

In: -0.147+/-0.000 χ^2/NDF :5170870916.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.161+/-0.000 χ^2/NDF : 10822633725.7/20

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 : 129962.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

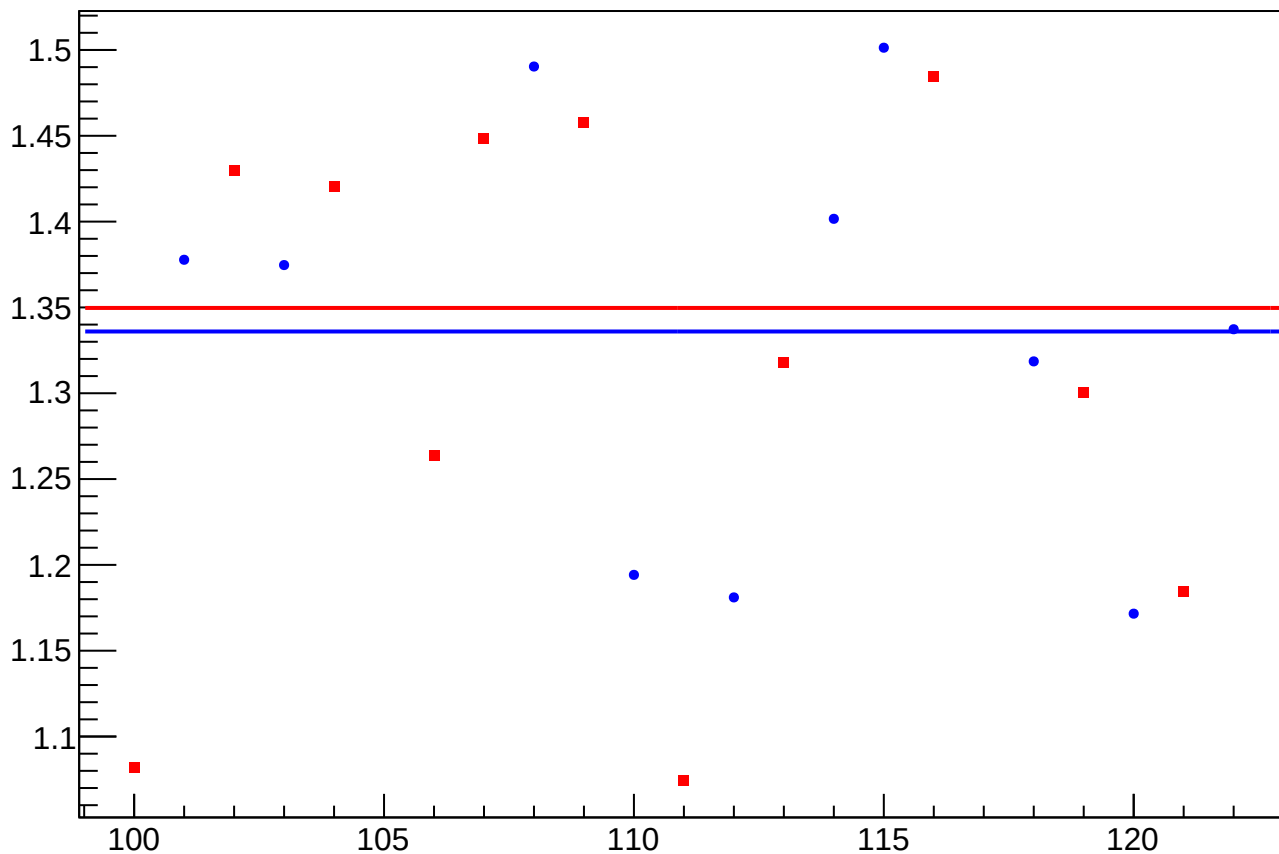
Right: 0.010+/-0.000 χ^2/NDF : 191828.2/20

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 : 191828.2/20

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.336+/-0.000

χ^2/NDF : 763036239.5/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.343+/-0.000

χ^2/NDF : 2081172030.7/20

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.336+/-0.000

χ^2/NDF : 763036239.5/9

Right Out: 1.350+/-0.000

χ^2/NDF : 1309944580.1/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

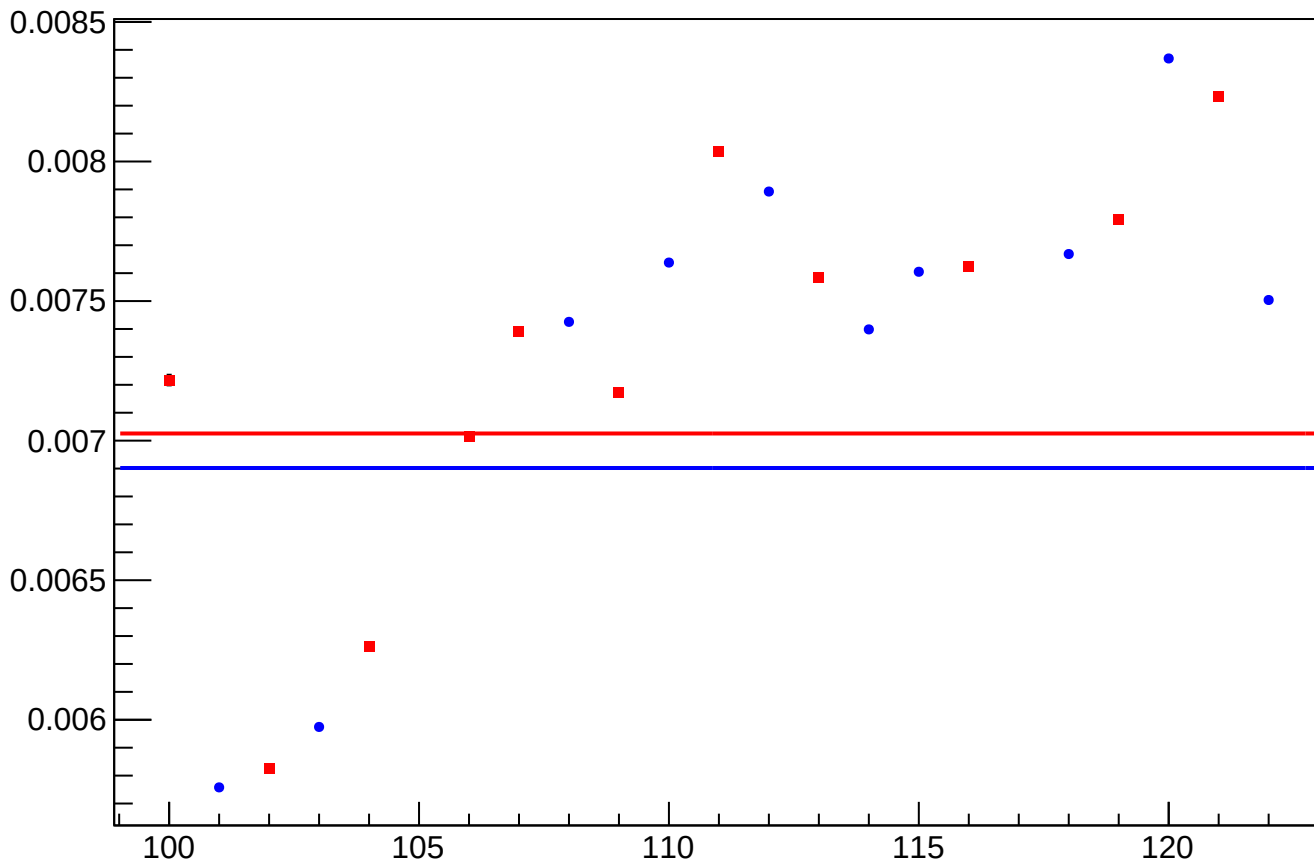
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.343+/-0.000

χ^2/NDF : 2081172030.7/20

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 : 124170.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

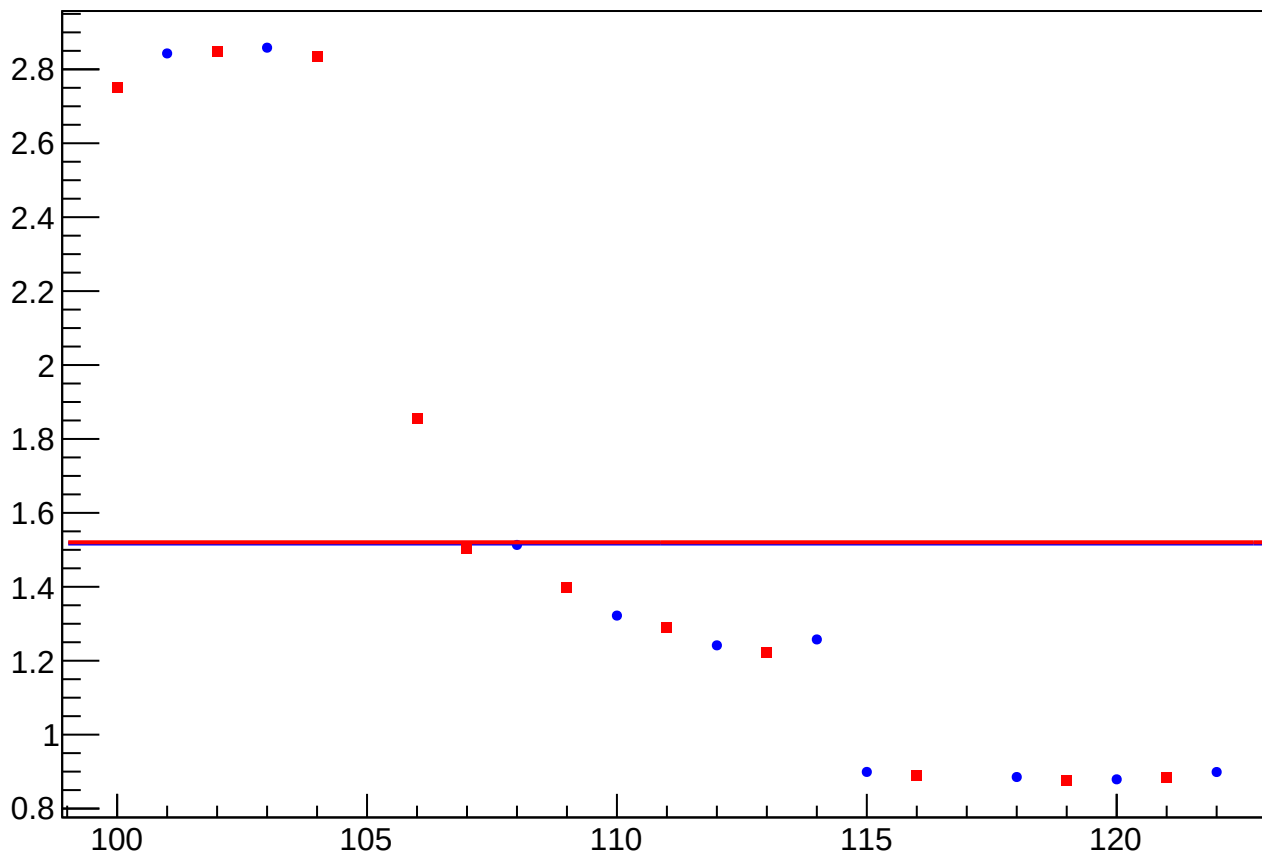
Right: 0.007+/-0.000 χ^2/NDF : 272759.6/20

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 : 272759.6/20

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: 1.520+/-0.000 χ^2/NDF : 44648389977.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

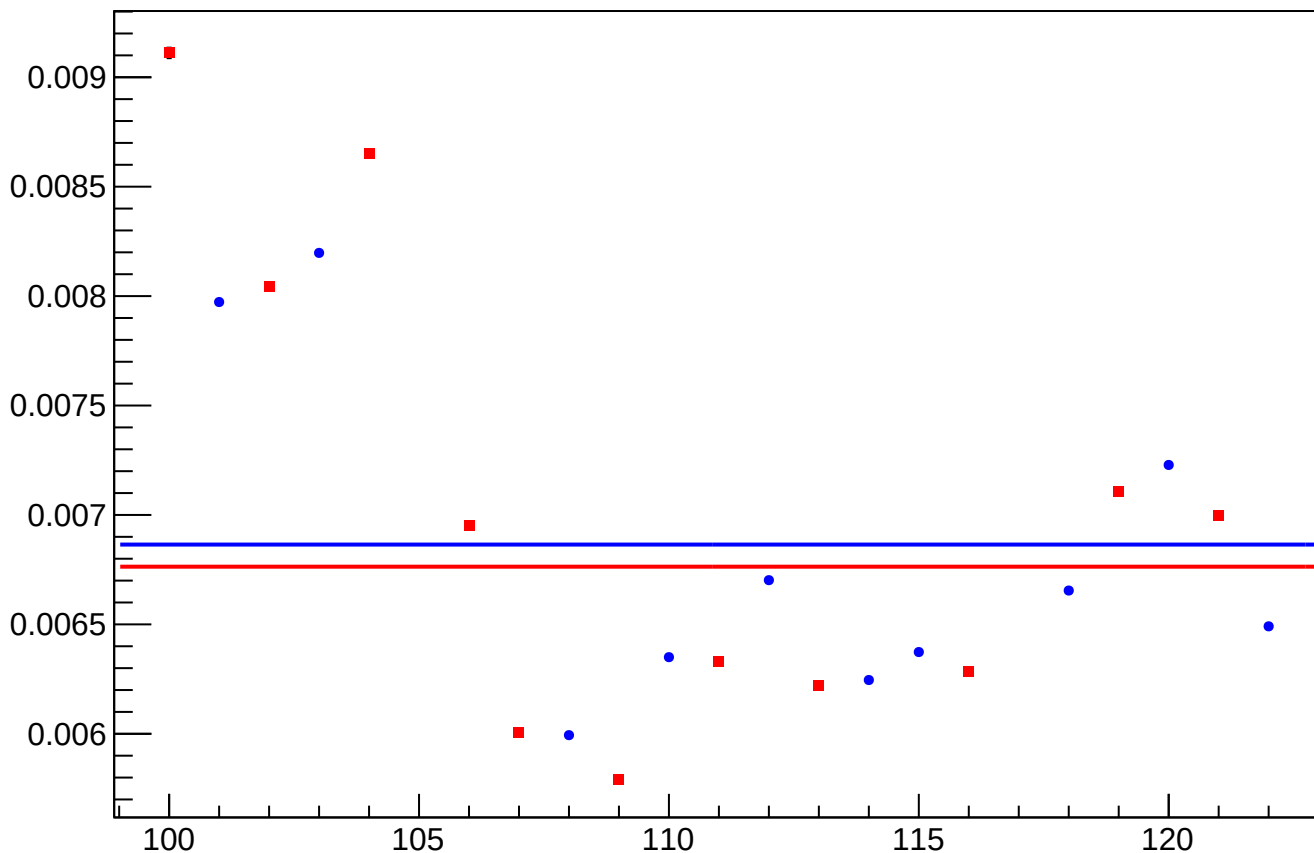
Right: 1.519+/-0.000 χ^2/NDF : 92871491533.1/20

In: 1.517+/-0.000 χ^2/NDF :48222581354.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.519+/-0.000 χ^2/NDF : 92871491533.1/20

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 : 148204.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

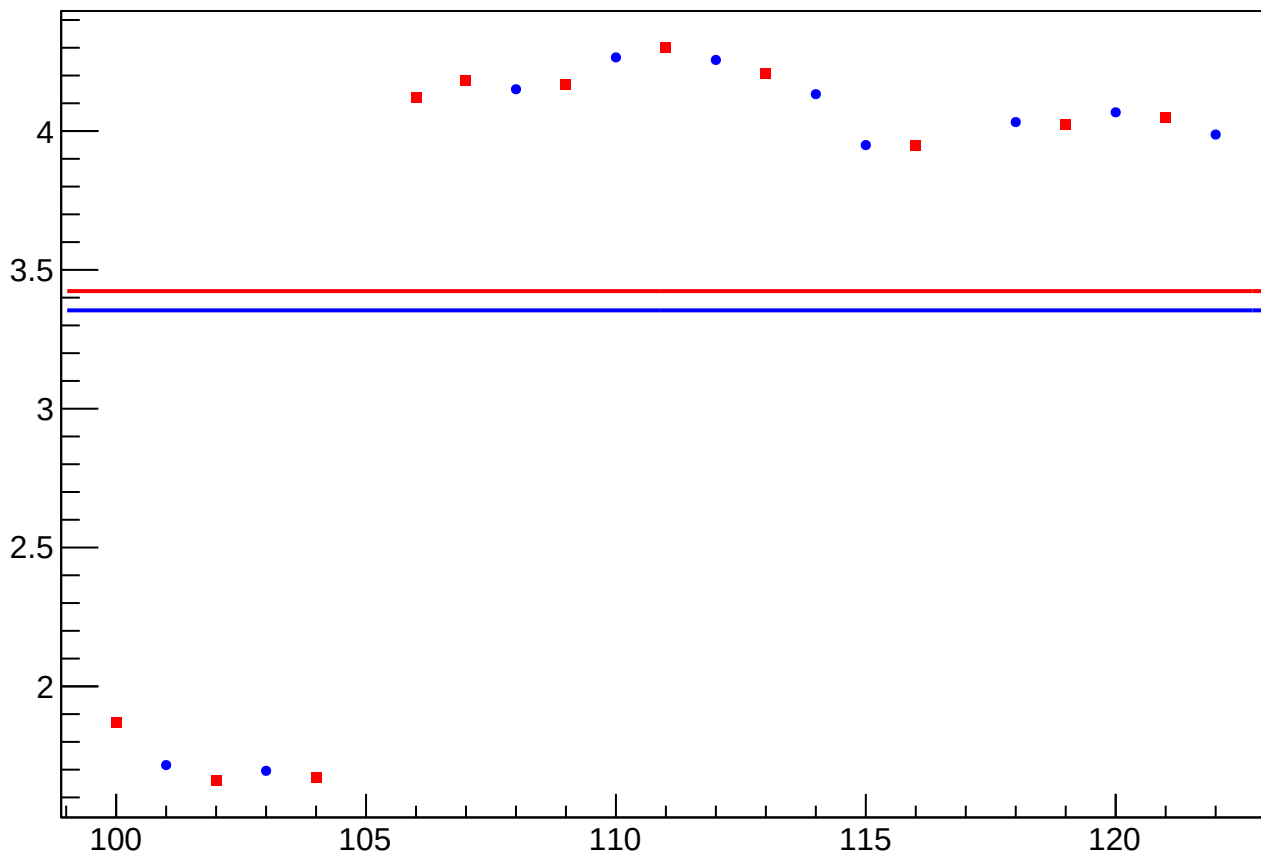
Right: 0.007+/-0.000 χ^2/NDF : 237817.8/20

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 : 237817.8/20

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: 3.390+/-0.000

χ^2/NDF : 374339335535.0/20

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: 3.423+/-0.000

χ^2/NDF : 193301376928.2/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

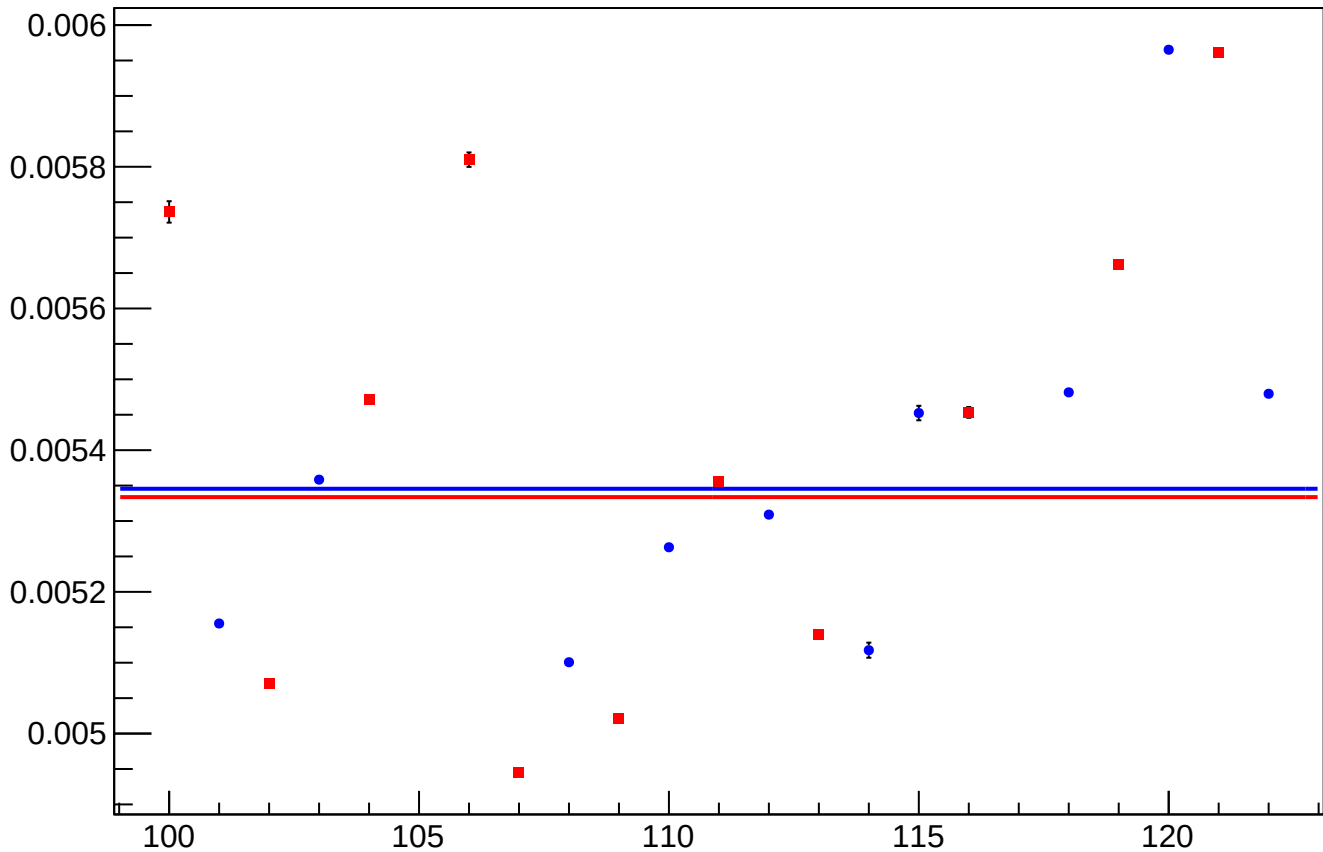
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.390+/-0.000

χ^2/NDF : 374339335535.0

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.000 χ^2/NDF : 13085.6/9

Left Out: 0.005 $\pm$ 0.000 χ^2/NDF : 29537.3/10

Right Out: 0.005 $\pm$ 0.000 χ^2/NDF : 42643.5/20

Left In: 0.005 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

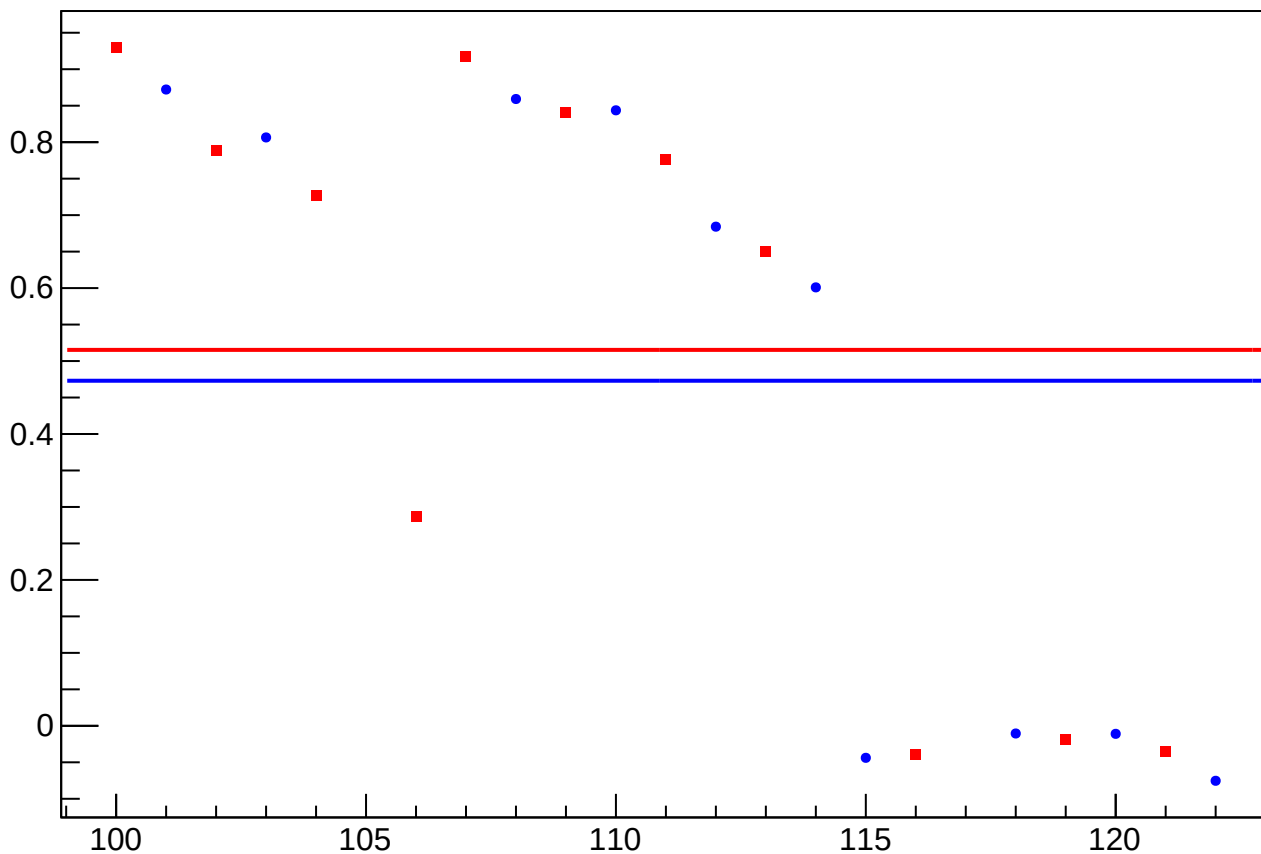
Right: 0.005 $\pm$ 0.000 χ^2/NDF : 42643.5/20

In: 0.005 $\pm$ 0.000 χ^2/NDF : 13085.6/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.005 $\pm$ 0.000 χ^2/NDF : 42643.5/20

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: 0.515+/-0.000

χ^2/NDF : 3076137219.8/10

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.495+/-0.000

χ^2/NDF : 6559371748.0/20

In: 0.473+/-0.000

χ^2/NDF : 3464627997.7/9

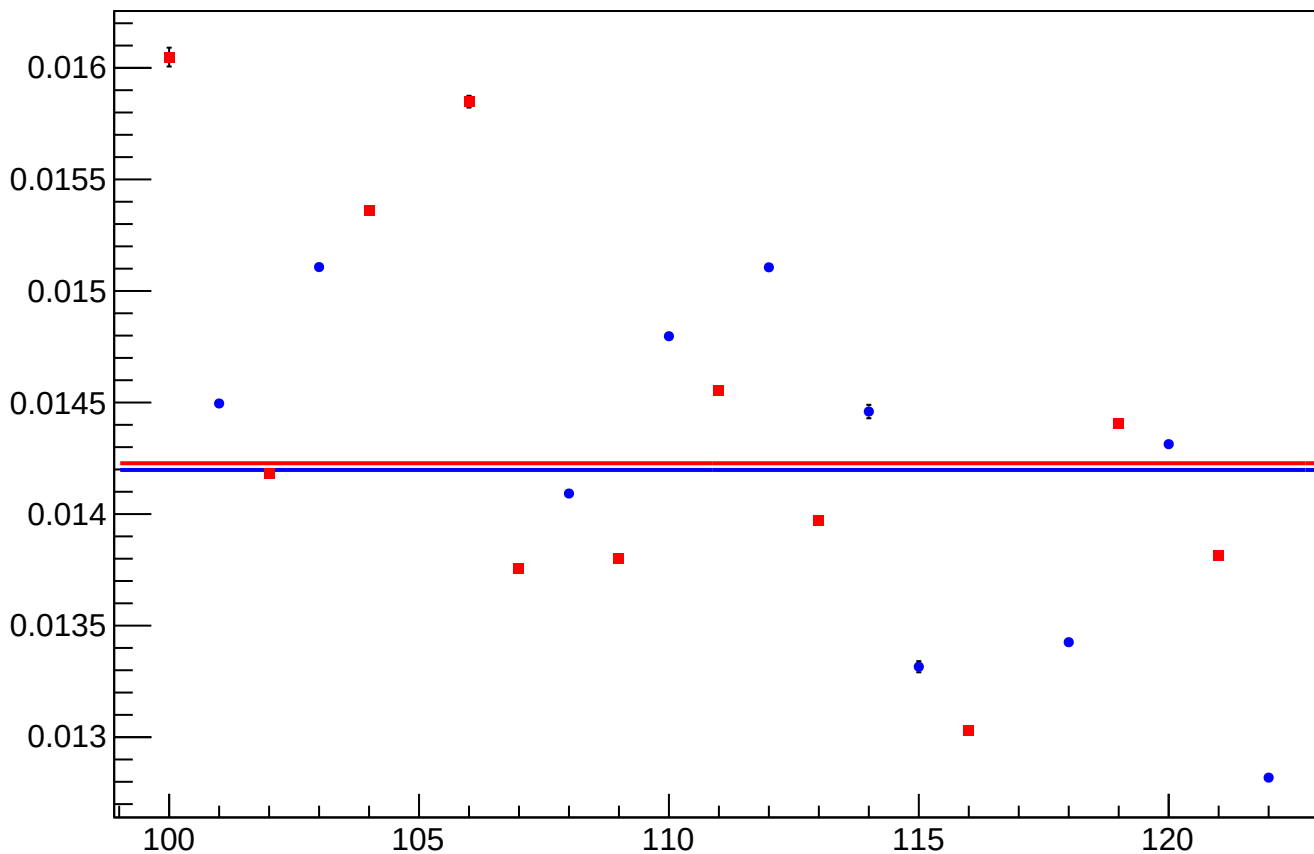
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.495+/-0.000

χ^2/NDF : 6559371748.0/20

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 : 18956.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

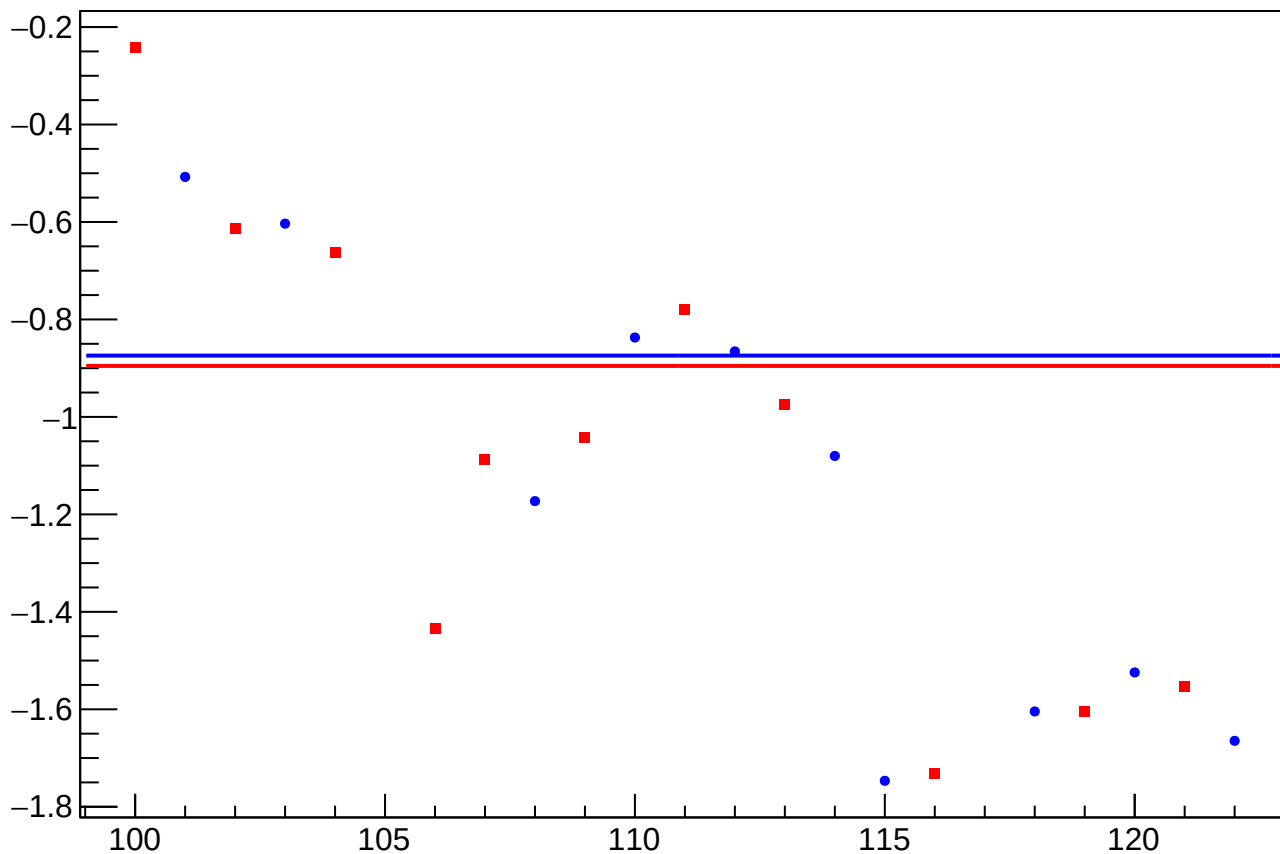
Right: 0.014+/-0.000 χ^2/NDF : 42982.0/20

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 : 42982.0/20

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: -0.895+/-0.000 χ^2/NDF : 21305514336.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

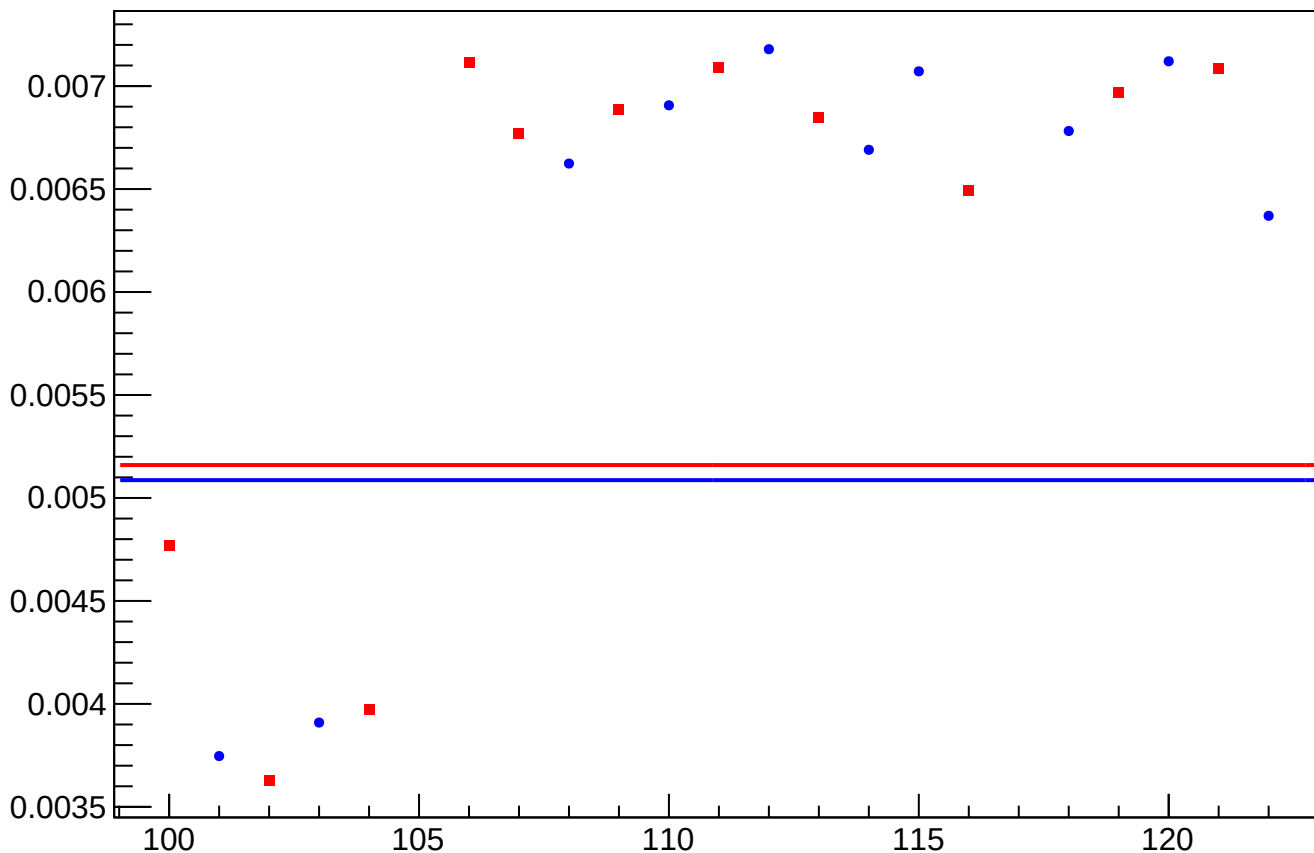
Right: -0.885+/-0.000 χ^2/NDF : 47495067438.3/20

In: -0.874+/-0.000 χ^2/NDF :26158497028.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.885+/-0.000 χ^2/NDF : 47495067438.3/20

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 : 690646.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

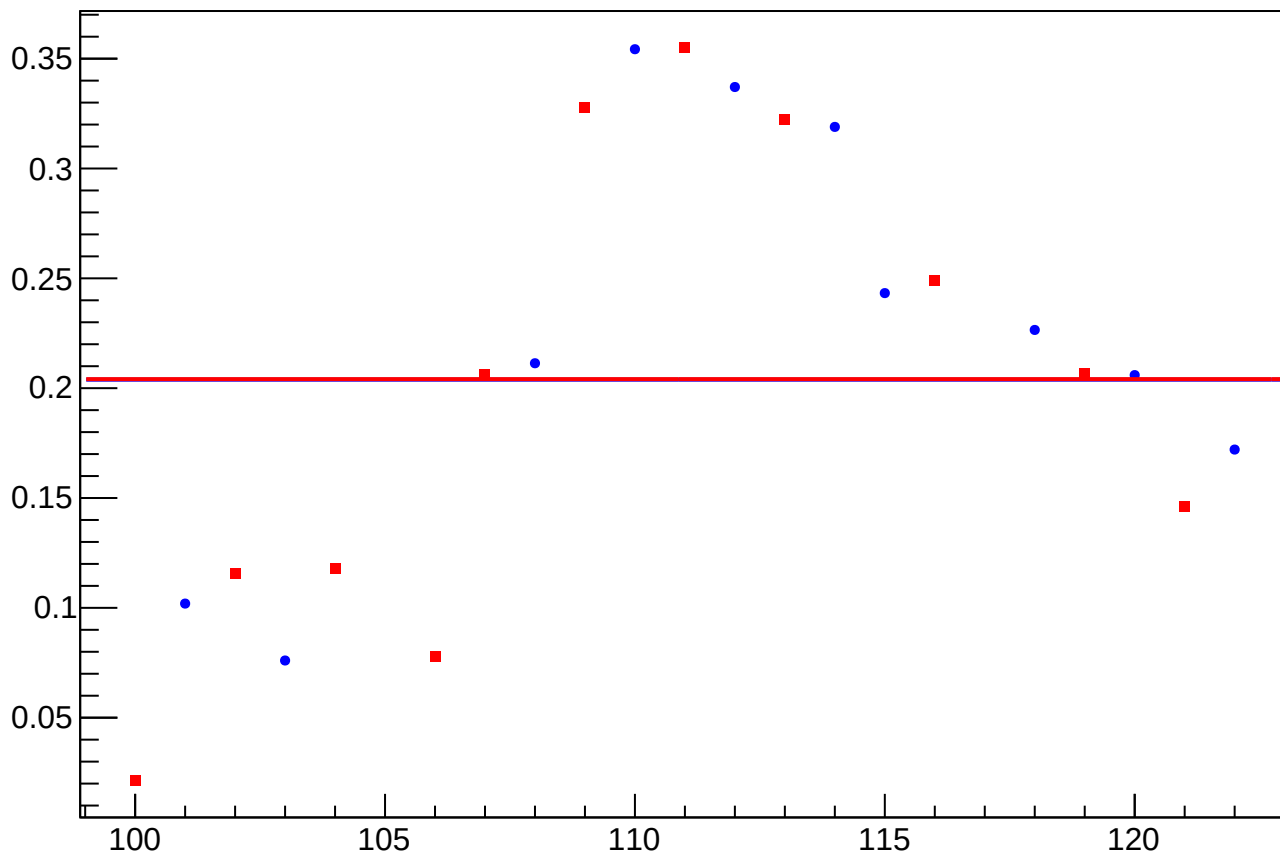
Right: 0.005+/-0.000 χ^2/NDF : 1294985.6/20

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 : 1294985.6/20

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: 0.204+/-0.000 χ^2/NDF : 19935838990.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

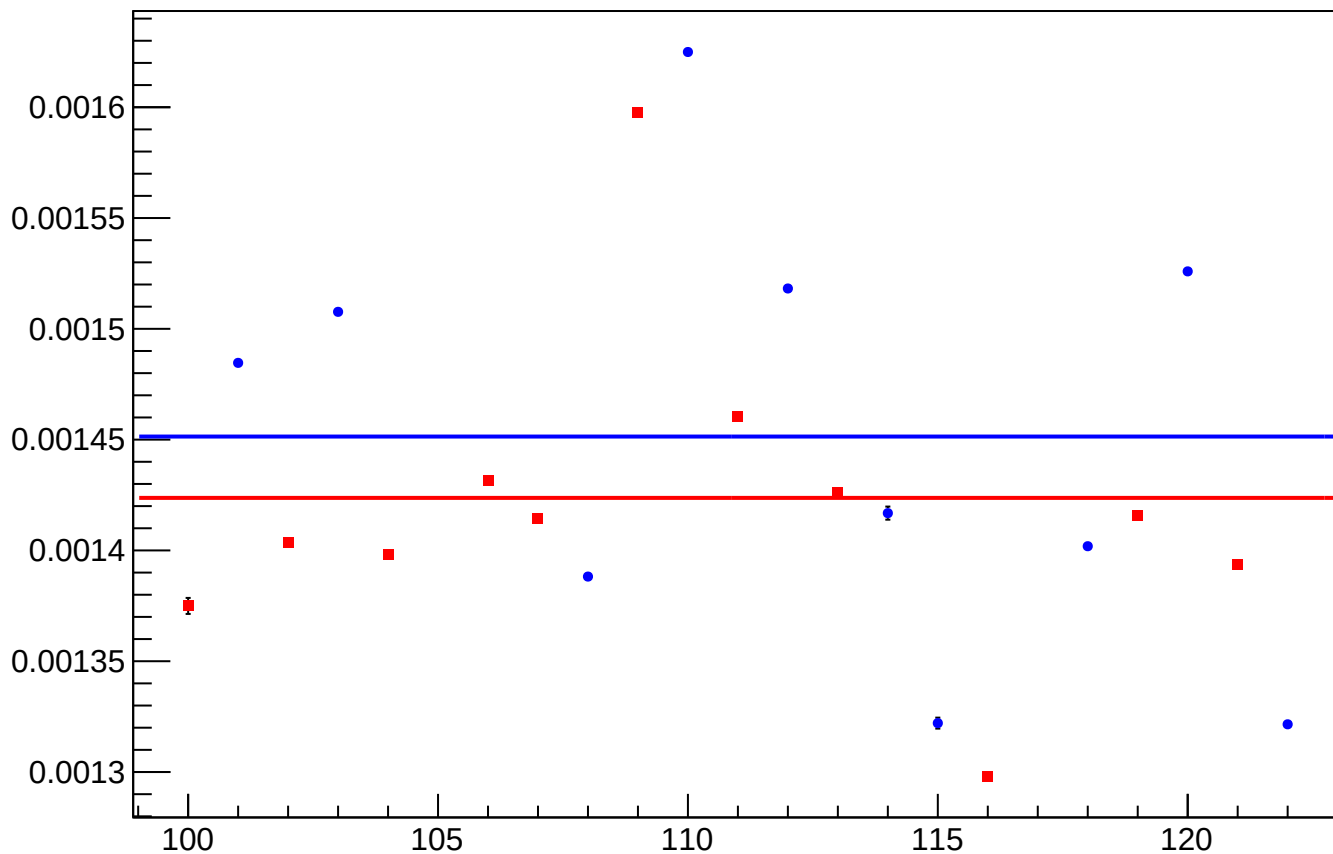
Right: 0.204+/-0.000 χ^2/NDF : 34282737243.5/20

In: 0.204+/-0.000 χ^2/NDF : 14346841477.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.204+/-0.000 χ^2/NDF : 34282737243.5/20

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 : 18799.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

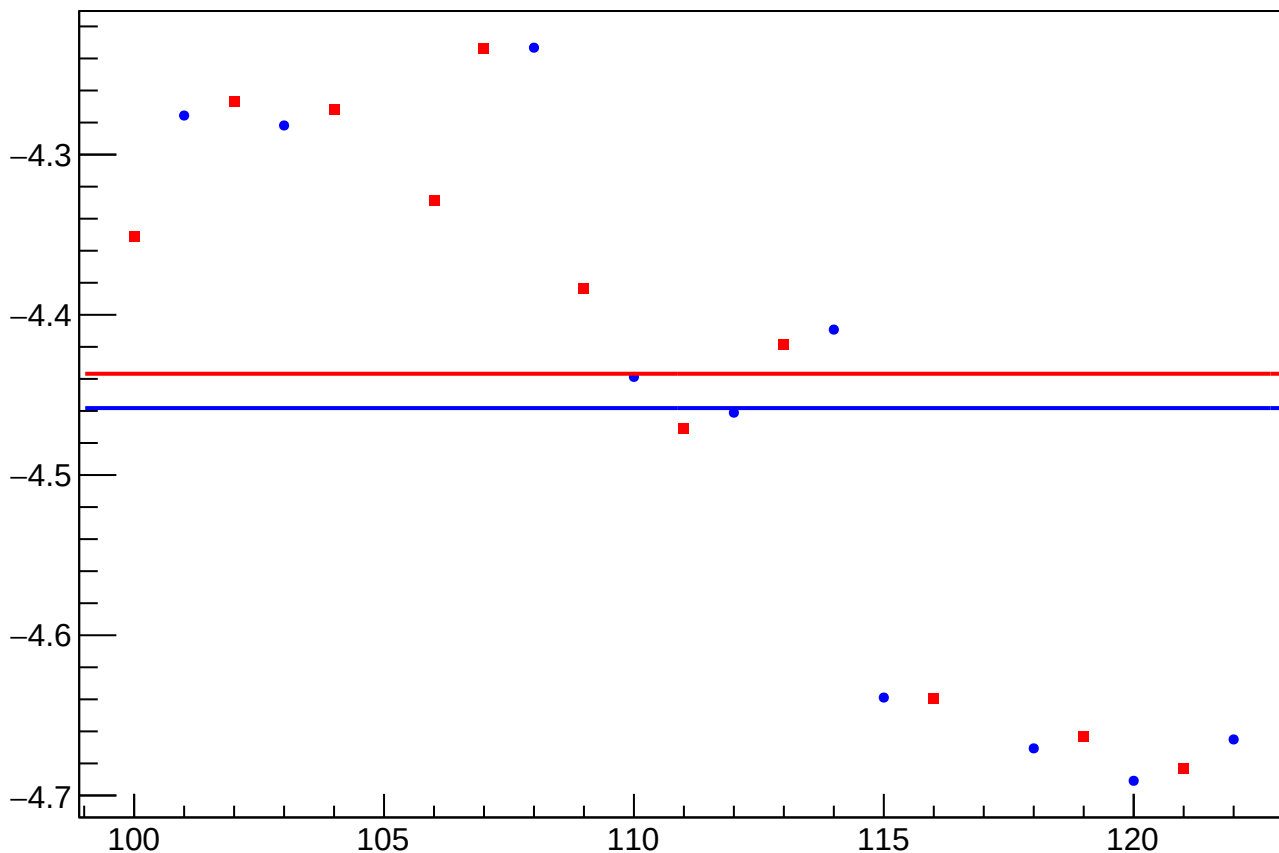
Right: 0.001+/-0.000 χ^2/NDF : 47382.5/20

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 : 47382.5/20

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: -4.437+/-0.000 χ^2/NDF : 37659050103.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

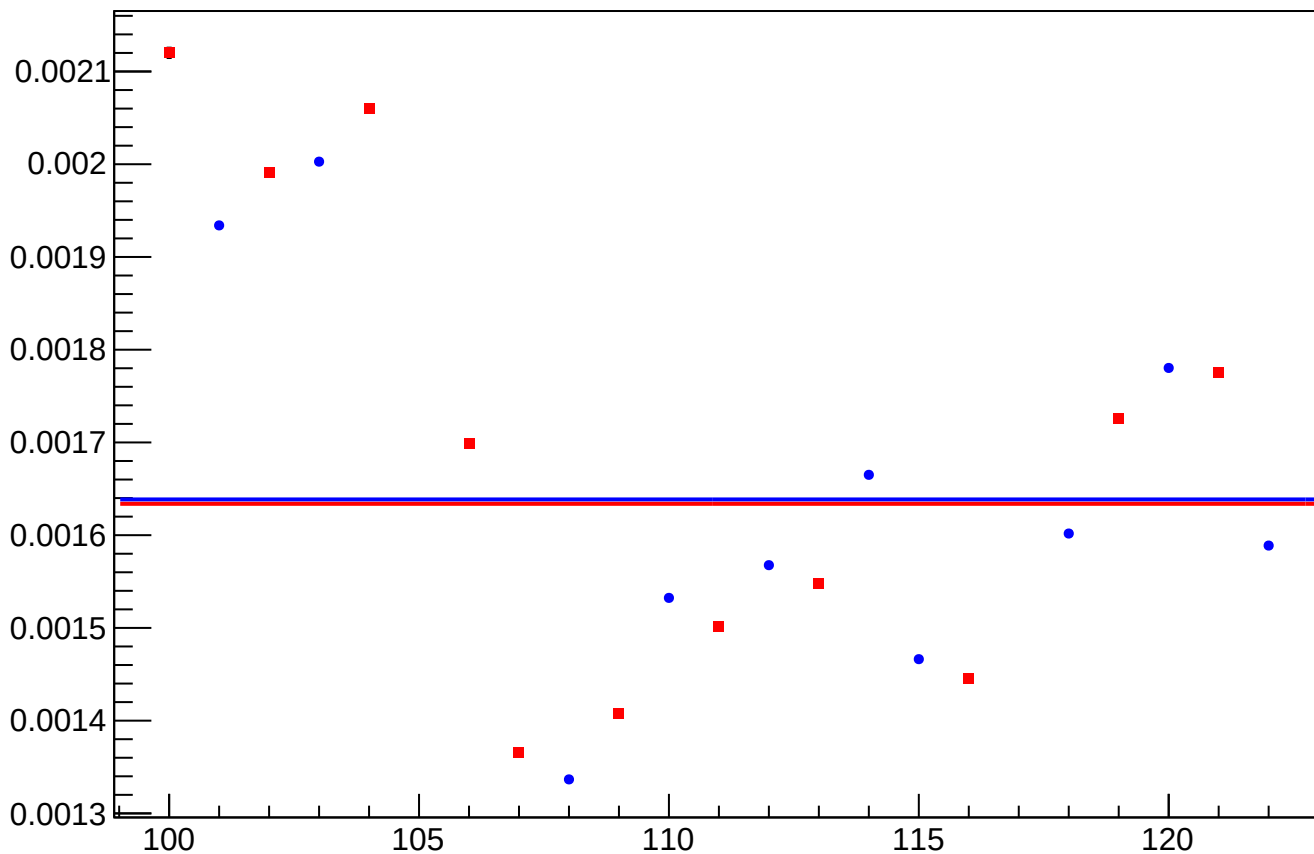
Right: -4.447+/-0.000 χ^2/NDF : 83315213997.9/20

In: -4.458+/-0.000 χ^2/NDF :45304616623.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.447+/-0.000 χ^2/NDF : 83315213997.9/20

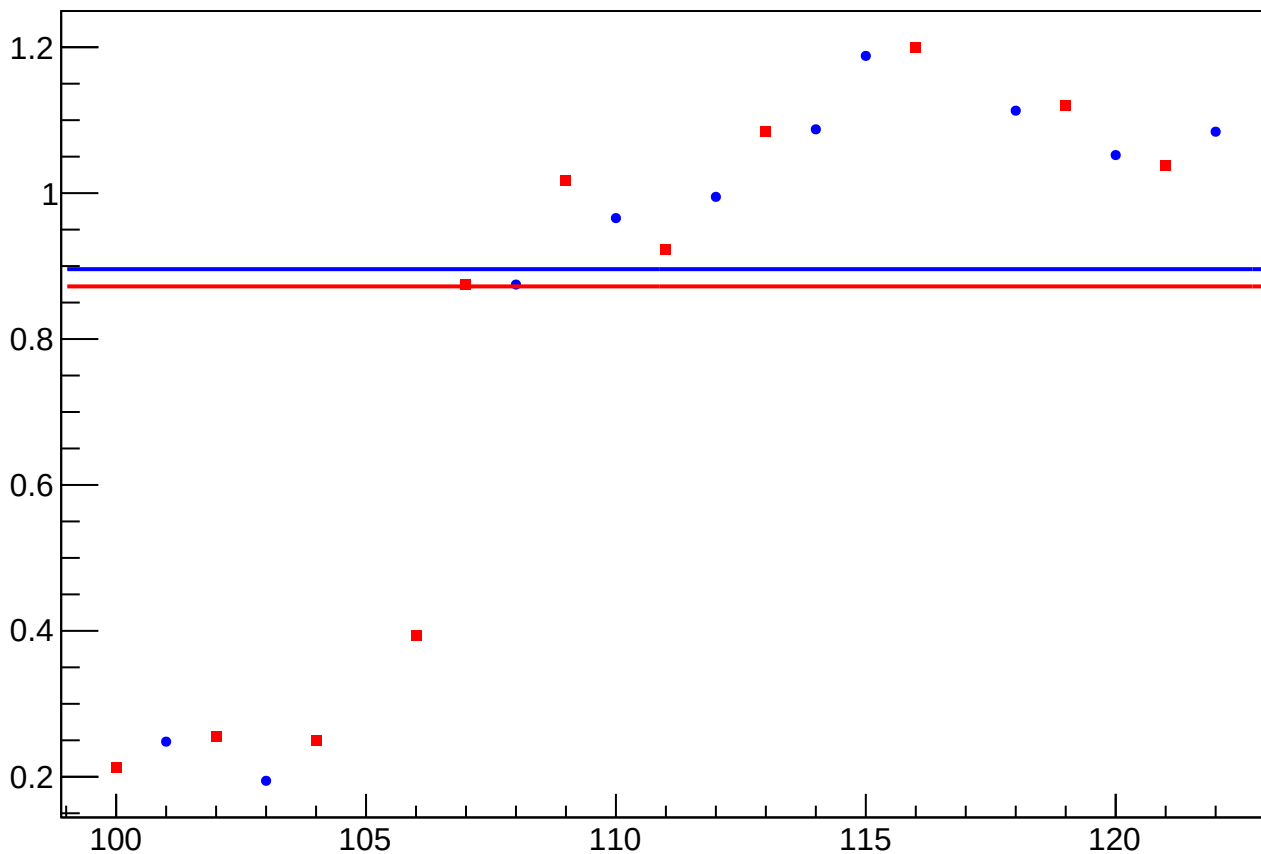
yield_bpm2i01Y_rms vs Slug, Sign Corrected



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 : 166175.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 290980.0/20
 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 : 290980.0/20

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.896+/-0.000

χ^2/NDF : 9558327697.6/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.883+/-0.000

χ^2/NDF : 21794709786.5/20

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.872+/-0.000

χ^2/NDF : 12205527556.3/10

In: 0.896+/-0.000

χ^2/NDF : 9558327697.6/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

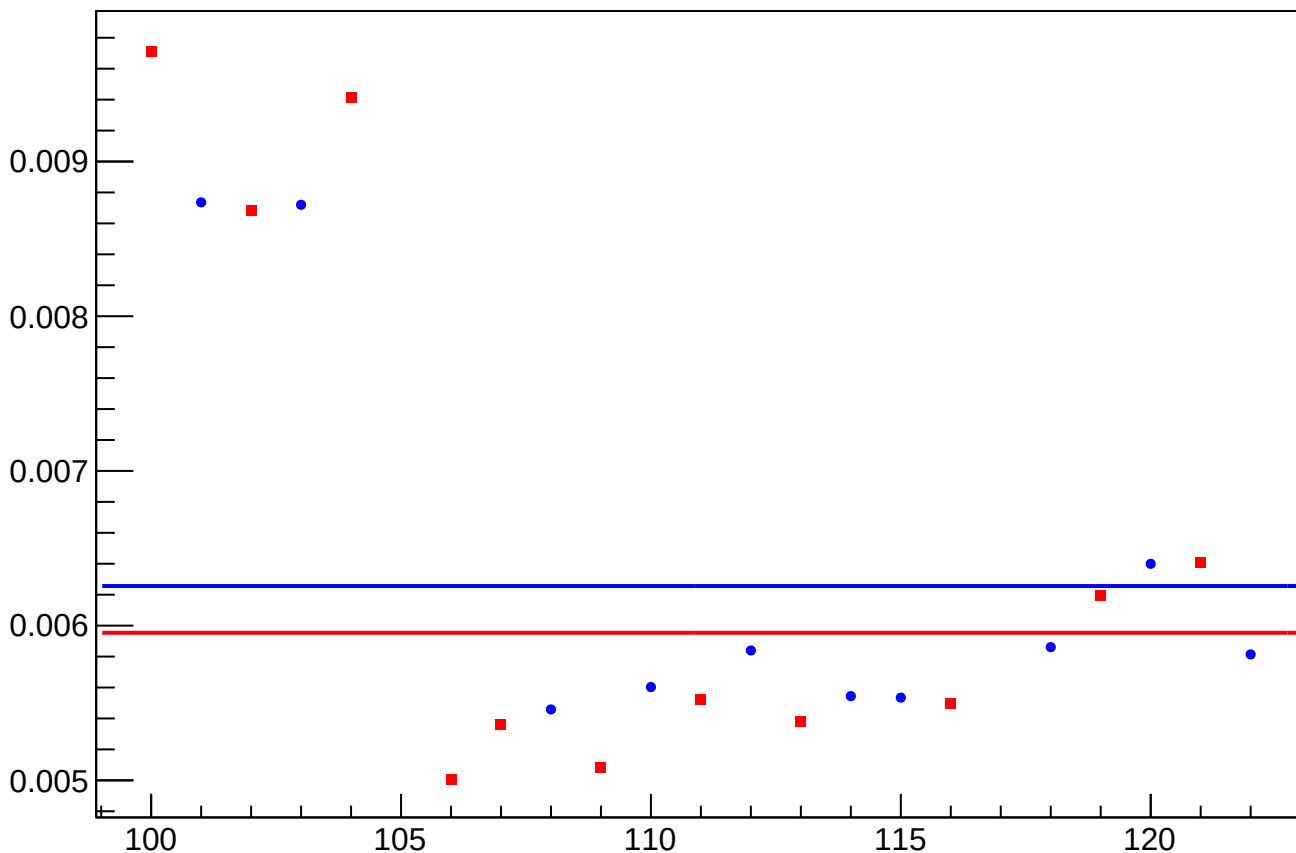
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.883+/-0.000

χ^2/NDF : 21794709786.5/20

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 : 376860.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

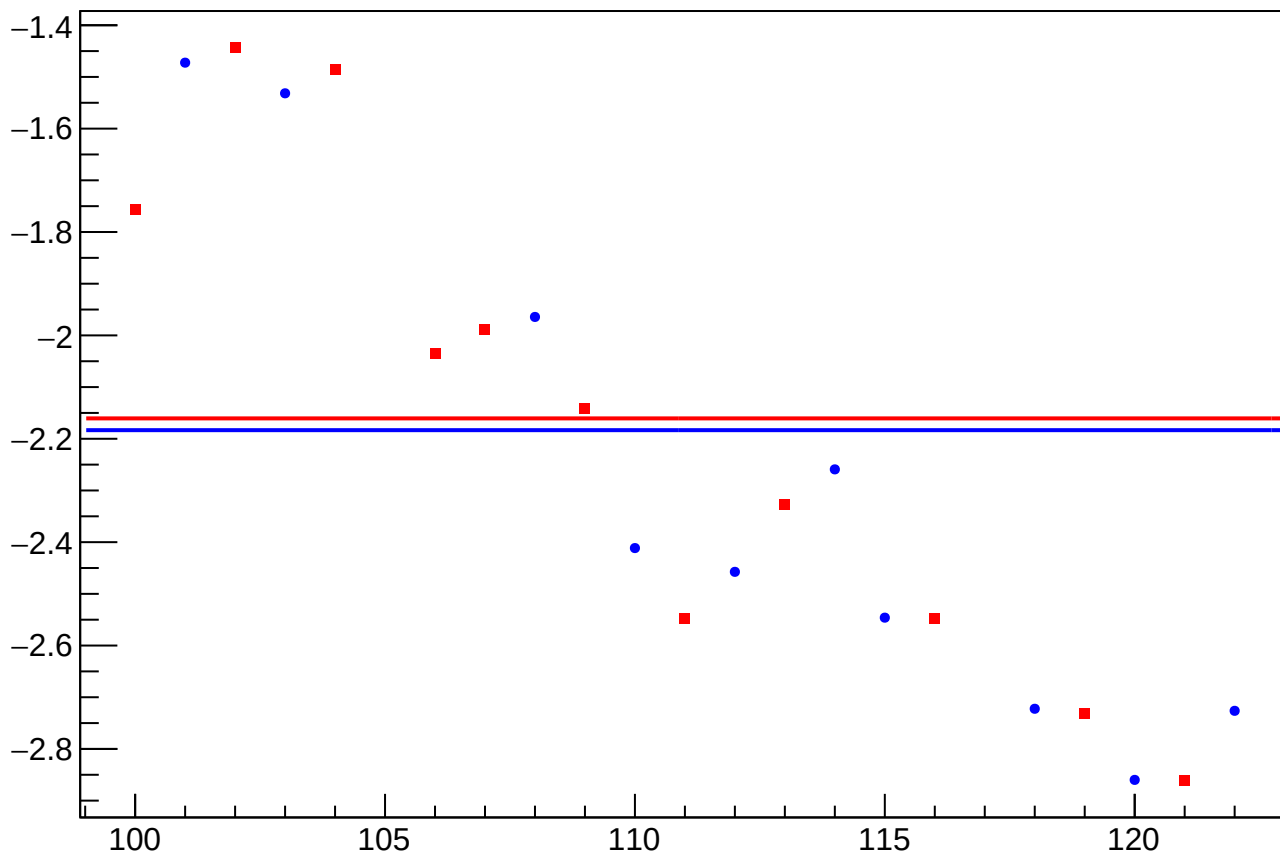
Right: 0.006+/-0.000 χ^2/NDF : 638029.9/20

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 : 638029.9/20

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: -2.161+/-0.000 χ^2/NDF : 32323997403.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

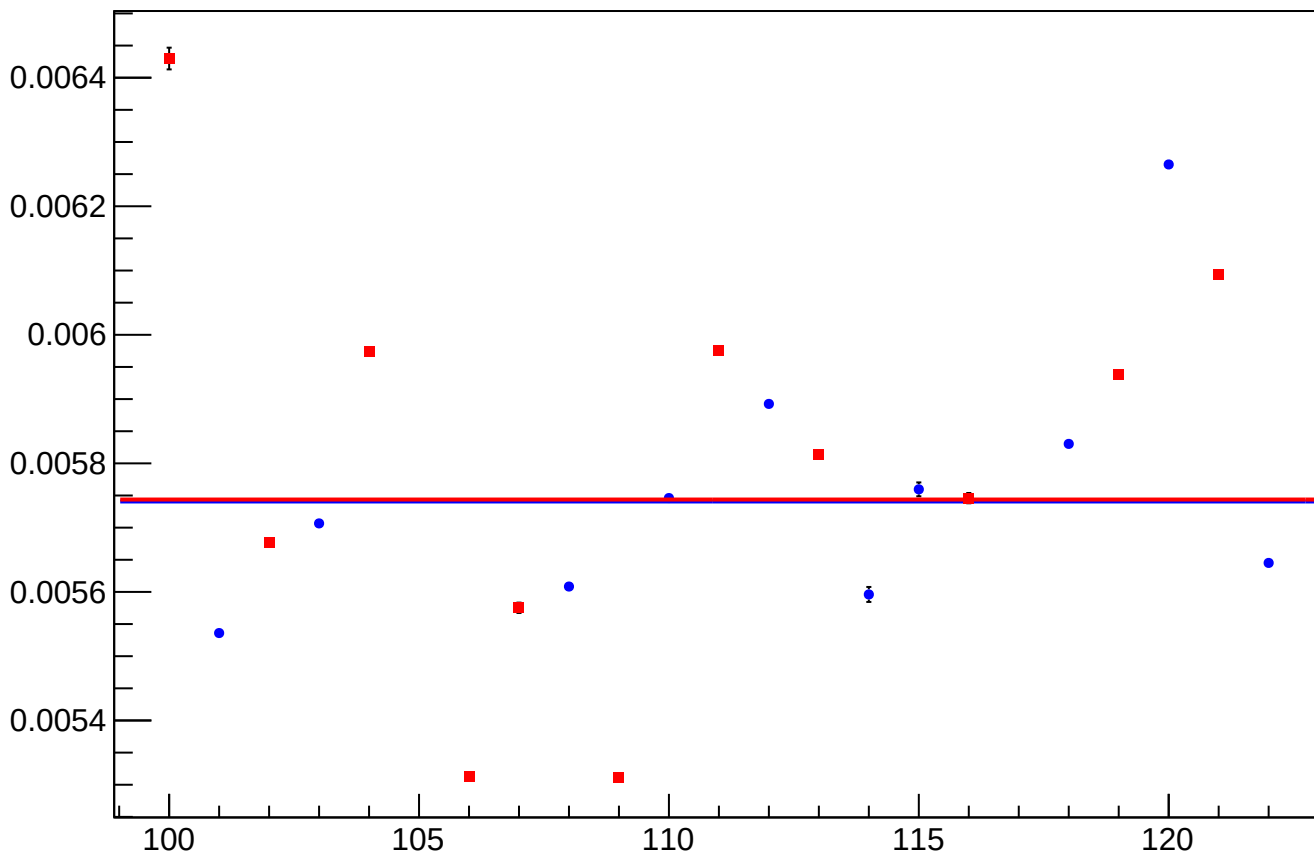
Right: -2.171+/-0.000 χ^2/NDF : 66315310633.9/20

In: -2.183+/-0.000 χ^2/NDF :33957547956.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.171+/-0.000 χ^2/NDF : 66315310633.9/20

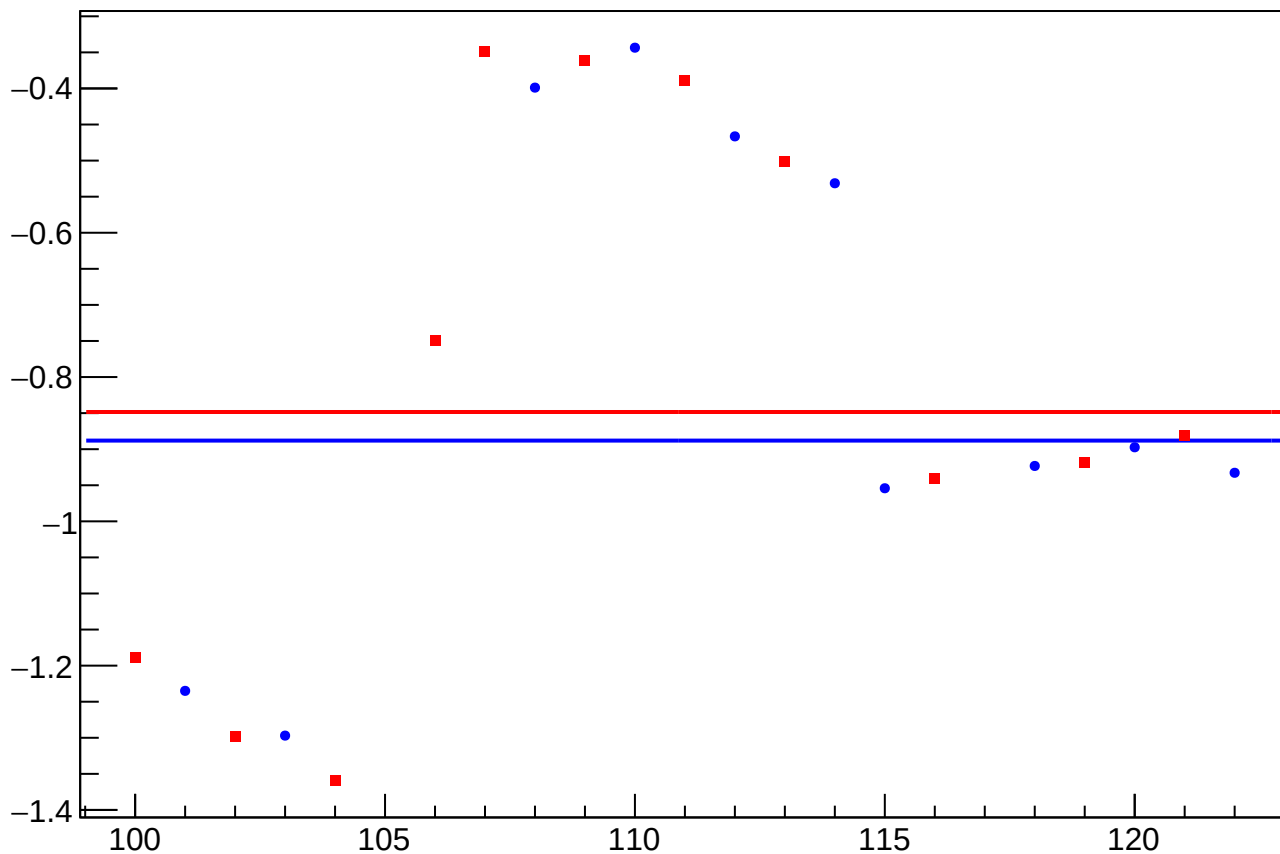
yield_bpm2i02Y_rms vs Slug, Sign Corrected



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 : 20811.2/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.006+/-0.000 χ^2/NDF : 29275.2/20
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 : 29275.2/20

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: -0.848 ± 0.000 $\chi^2/\text{NDF}: 5644816497.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

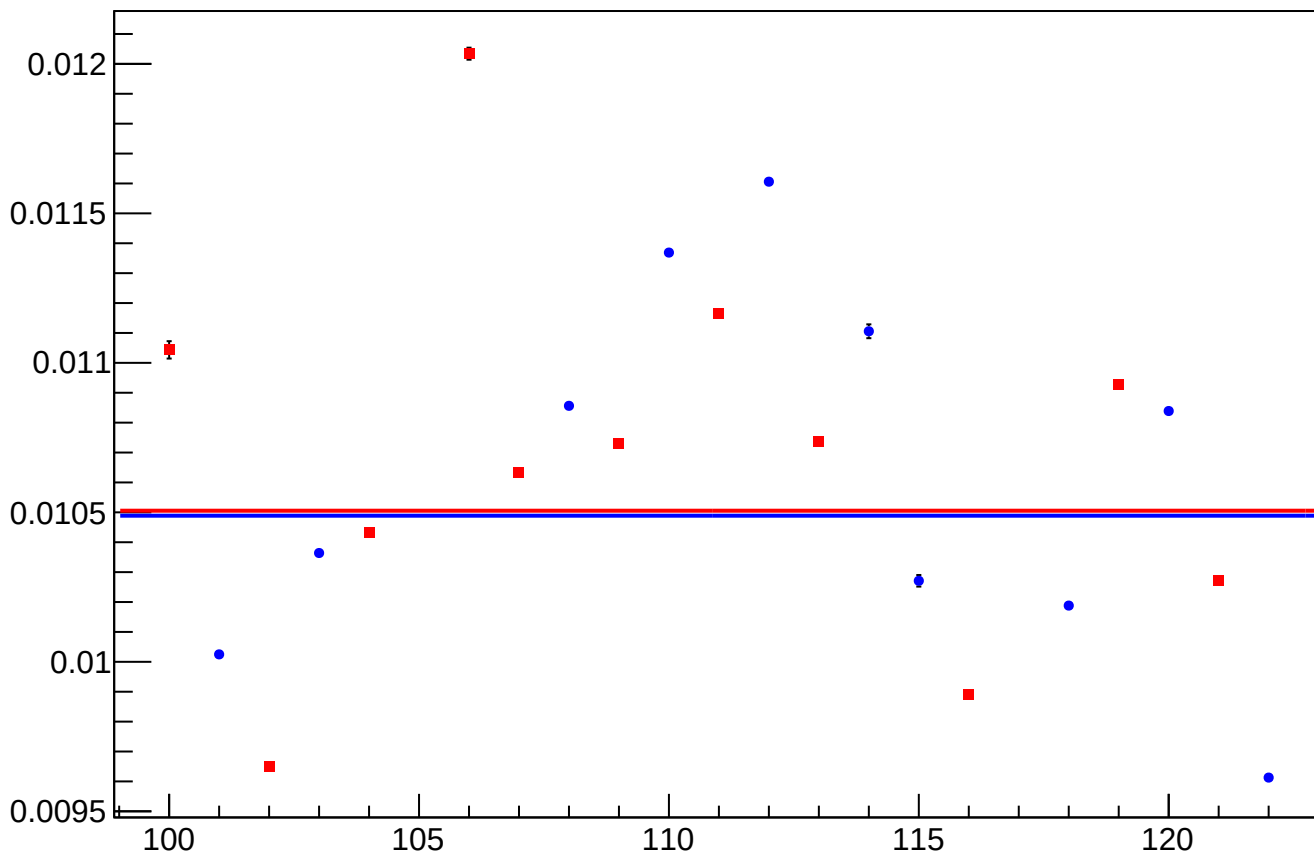
Right: -0.867 ± 0.000 $\chi^2/\text{NDF}: 9779244831.6/20$

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: -0.867 ± 0.000 $\chi^2/\text{NDF}: 9779244831.6/20$

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 : 24539.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

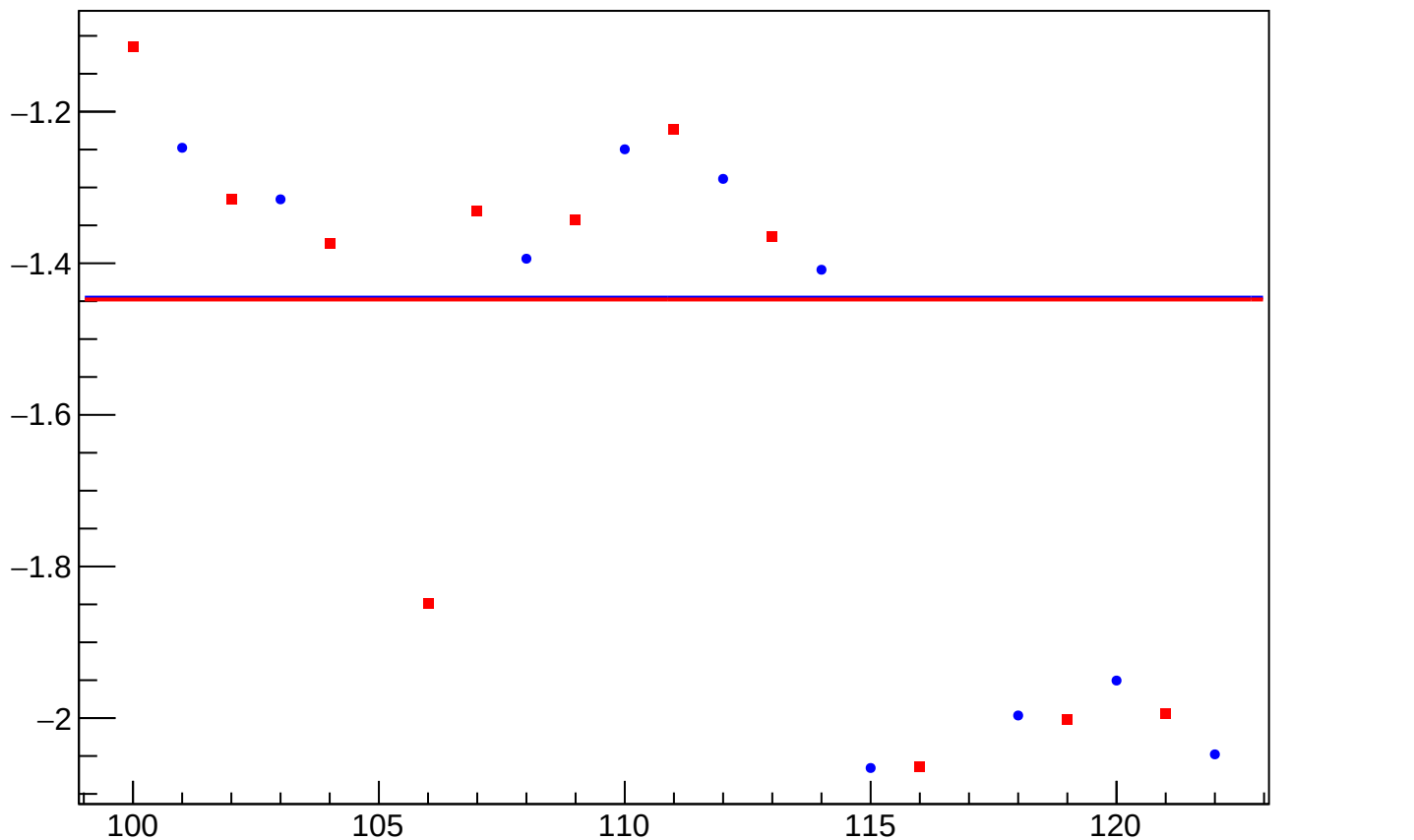
Right: 0.010+/-0.000 χ^2/NDF : 51000.0/20

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 : 51000.0/20

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: -1.448+/-0.000 χ^2/NDF : 53003180846.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

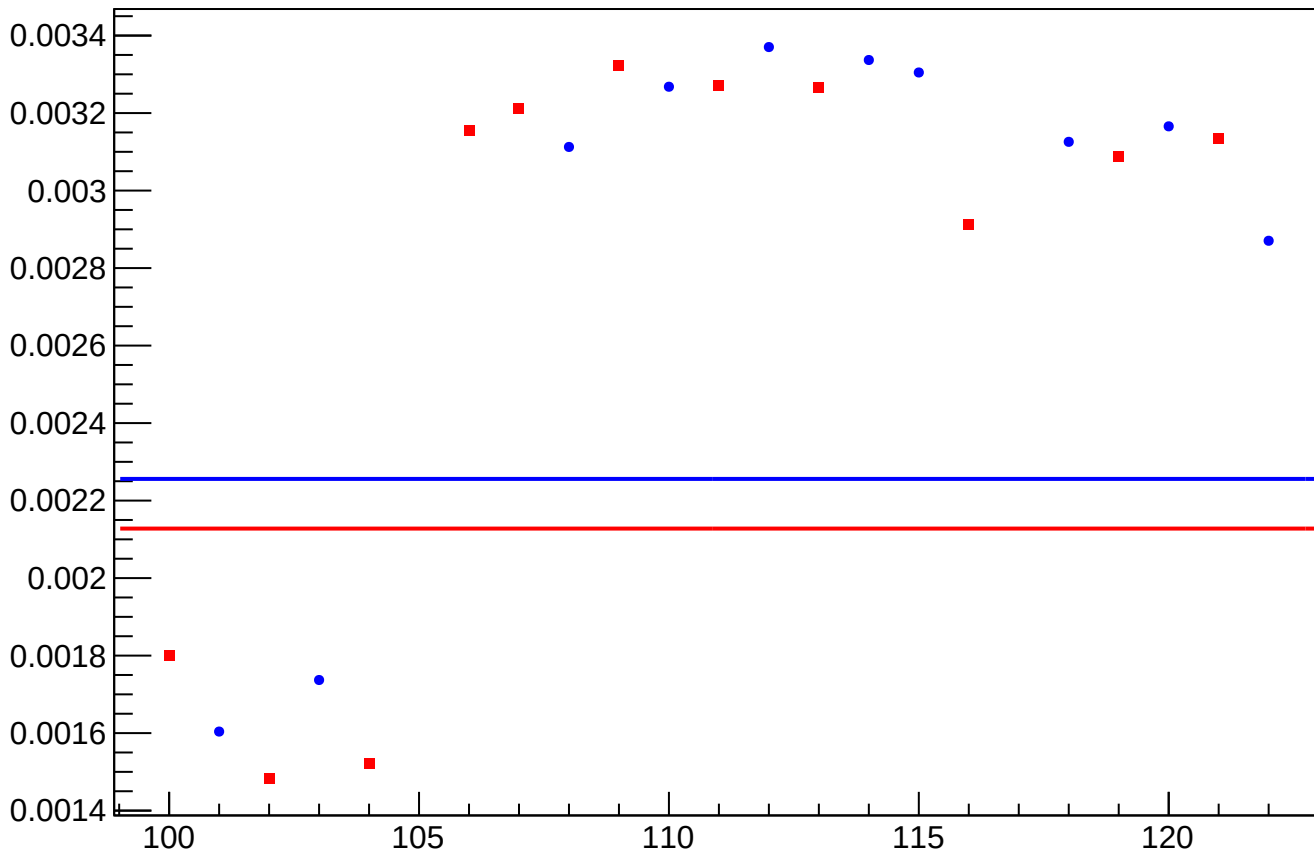
Right: -1.447+/-0.000 χ^2/NDF : 112400758713.3/20

In: -1.445+/-0.000 χ^2/NDF : 59395481842.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.447+/-0.000 χ^2/NDF : 112400758713.3

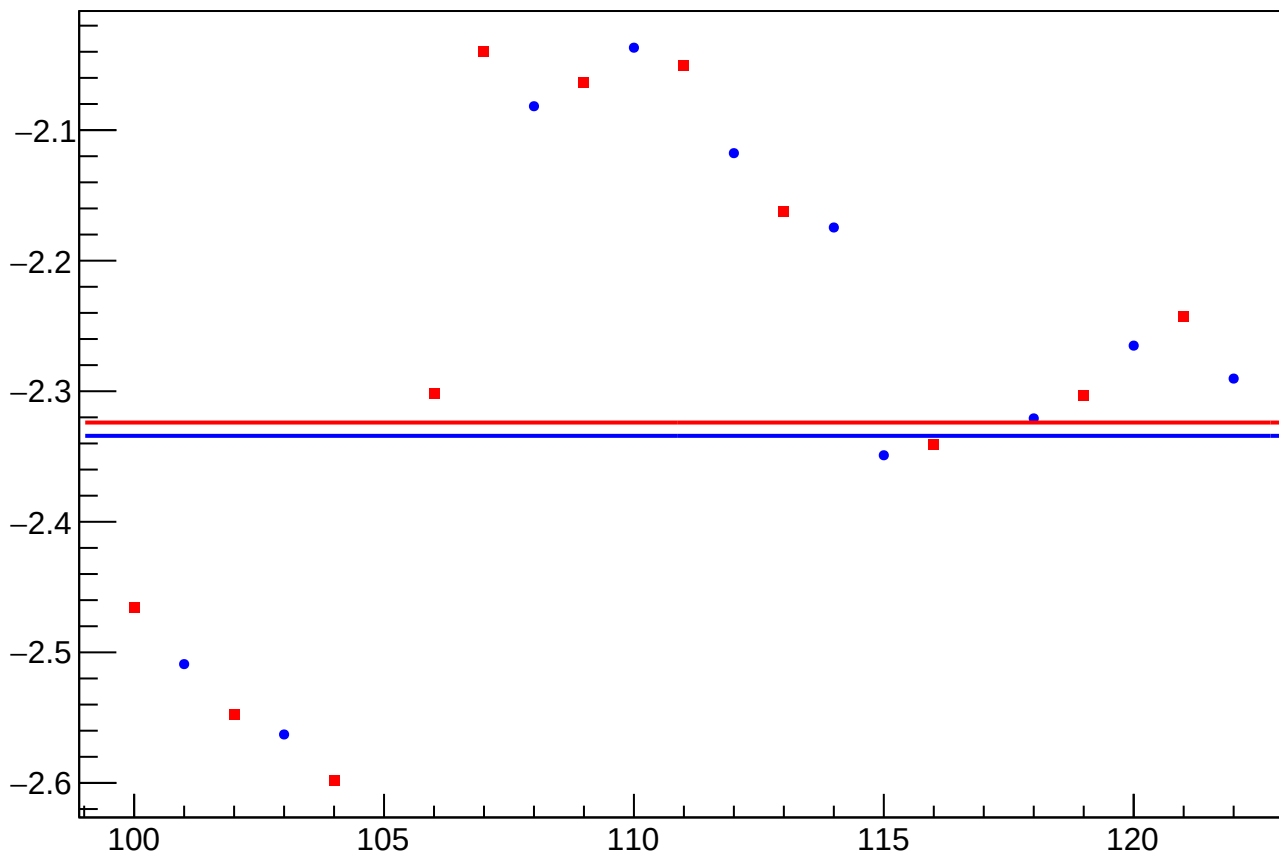
yield_bpm0i01Y_rms vs Slug, Sign Corrected



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 : 1003715.0/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 1728792.1/20
 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 : 1728792.1/20

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: -2.324+/-0.000 χ^2/NDF : 4520537912.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

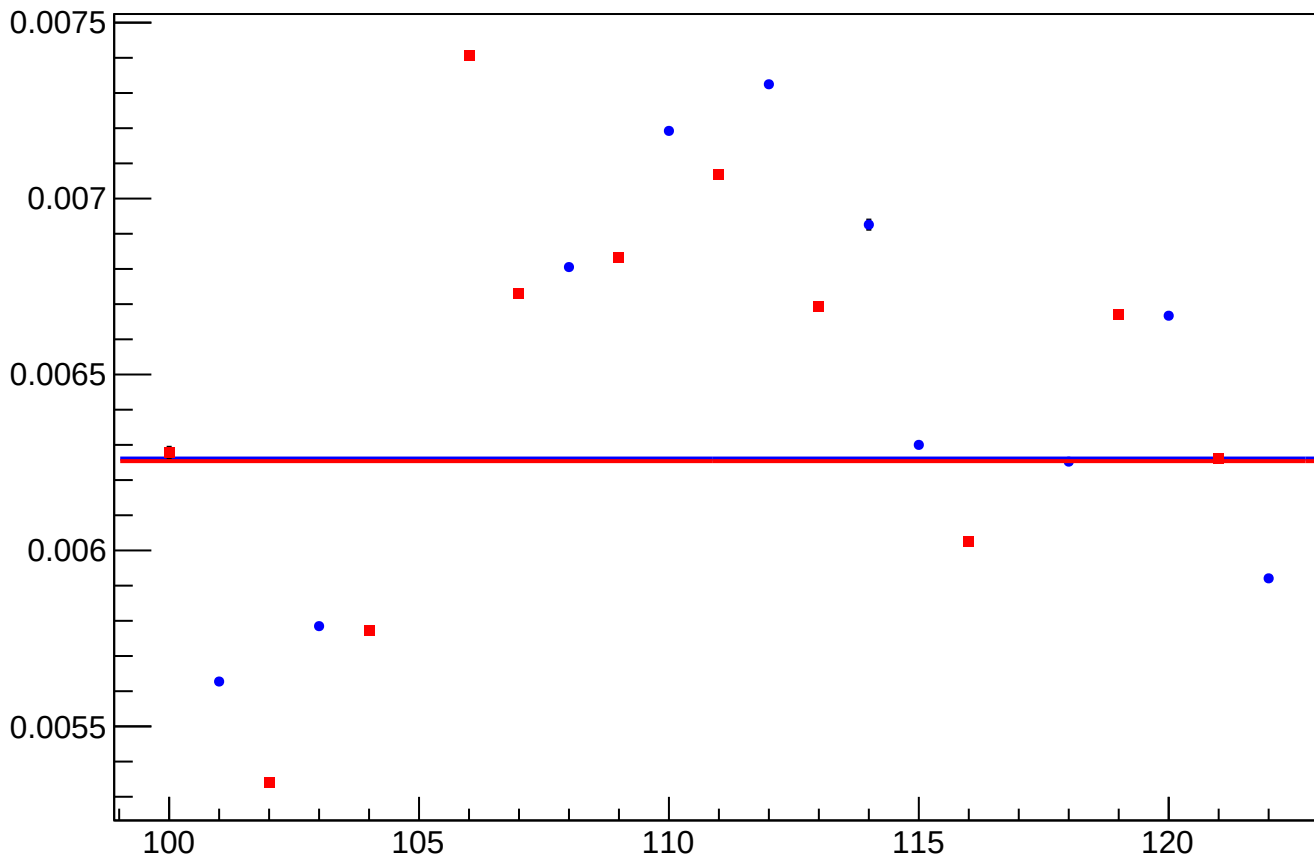
Right: -2.329+/-0.000 χ^2/NDF : 7740607963.6/20

In: -2.334+/-0.000 χ^2/NDF :3214639354.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.329+/-0.000 χ^2/NDF : 7740607963.6/20

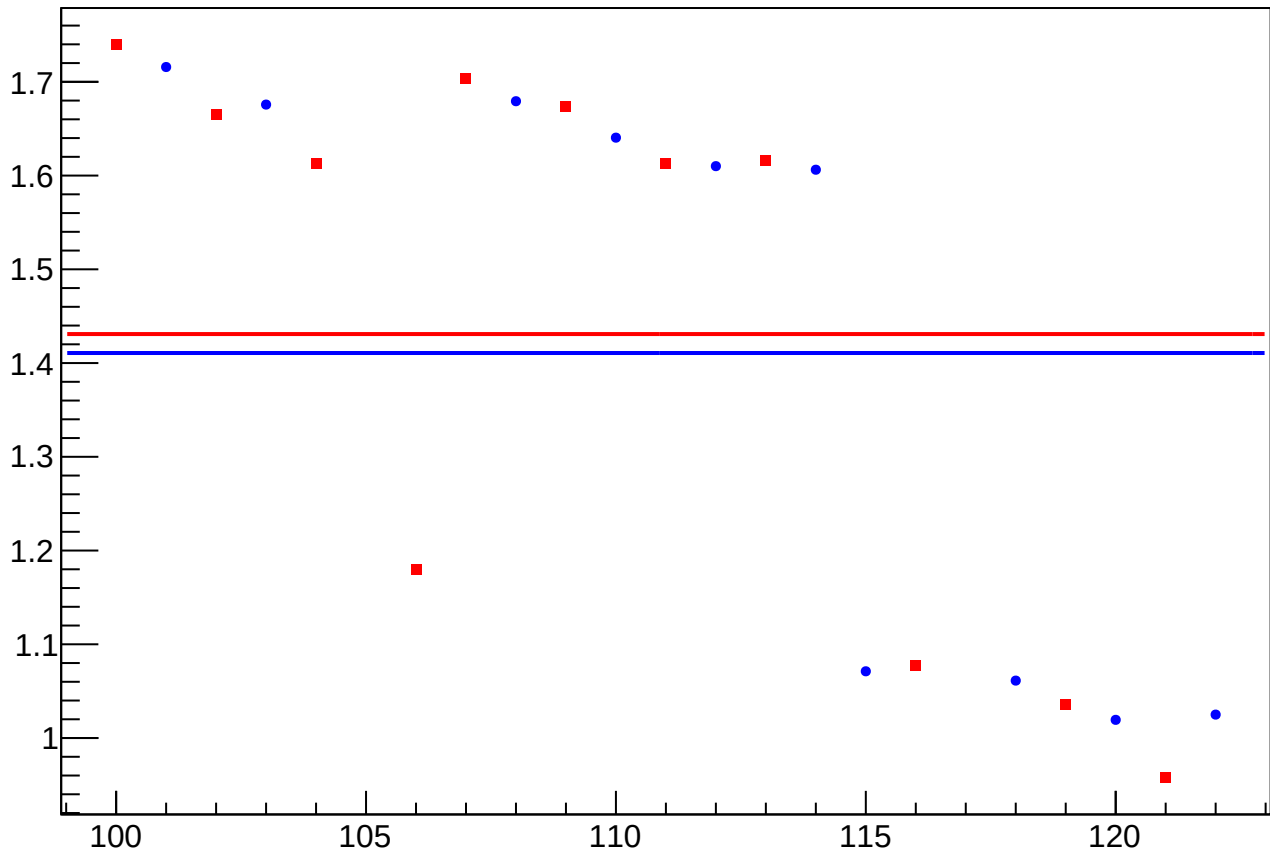
yield_bpm0i01aX_rms vs Slug, Sign Corrected



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 : 83995.1/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.006+/-0.000 χ^2/NDF : 152750.7/20
 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 : 152750.7/20

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: 1.431+/-0.000 χ^2/NDF : 83435640557.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

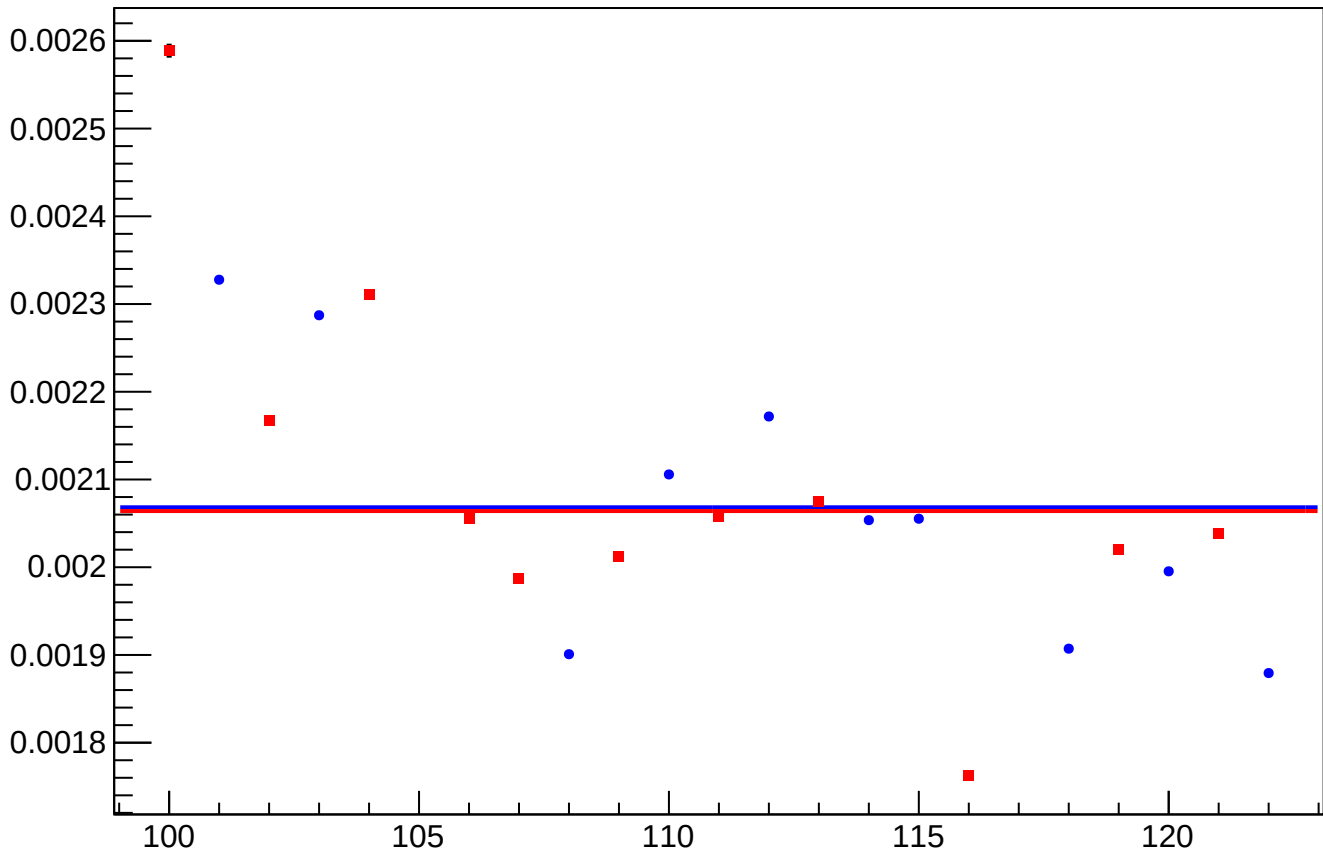
Right: 1.421+/-0.000 χ^2/NDF : 167044275529.7/20

In: 1.411+/-0.000 χ^2/NDF : 83421051992.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.421+/-0.000 χ^2/NDF : 167044275529.7

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 : 36721.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

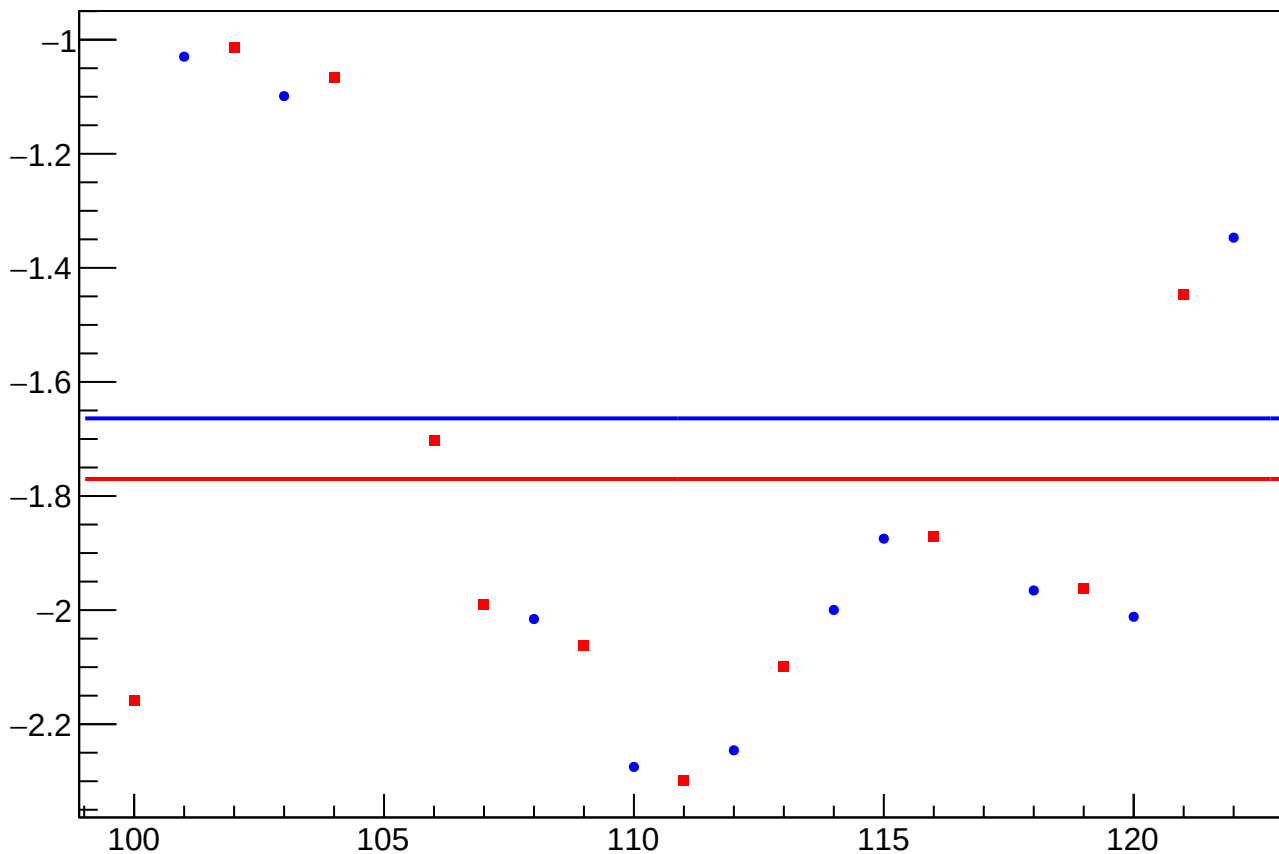
Right: 0.002+/-0.000 χ^2/NDF : 86175.4/20

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 : 86175.4/20

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.664+/-0.000 $\chi^2/\text{NDF}: 17816786593.9/9$

Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.770+/-0.000 $\chi^2/\text{NDF}: 19987799751.8/10$

Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

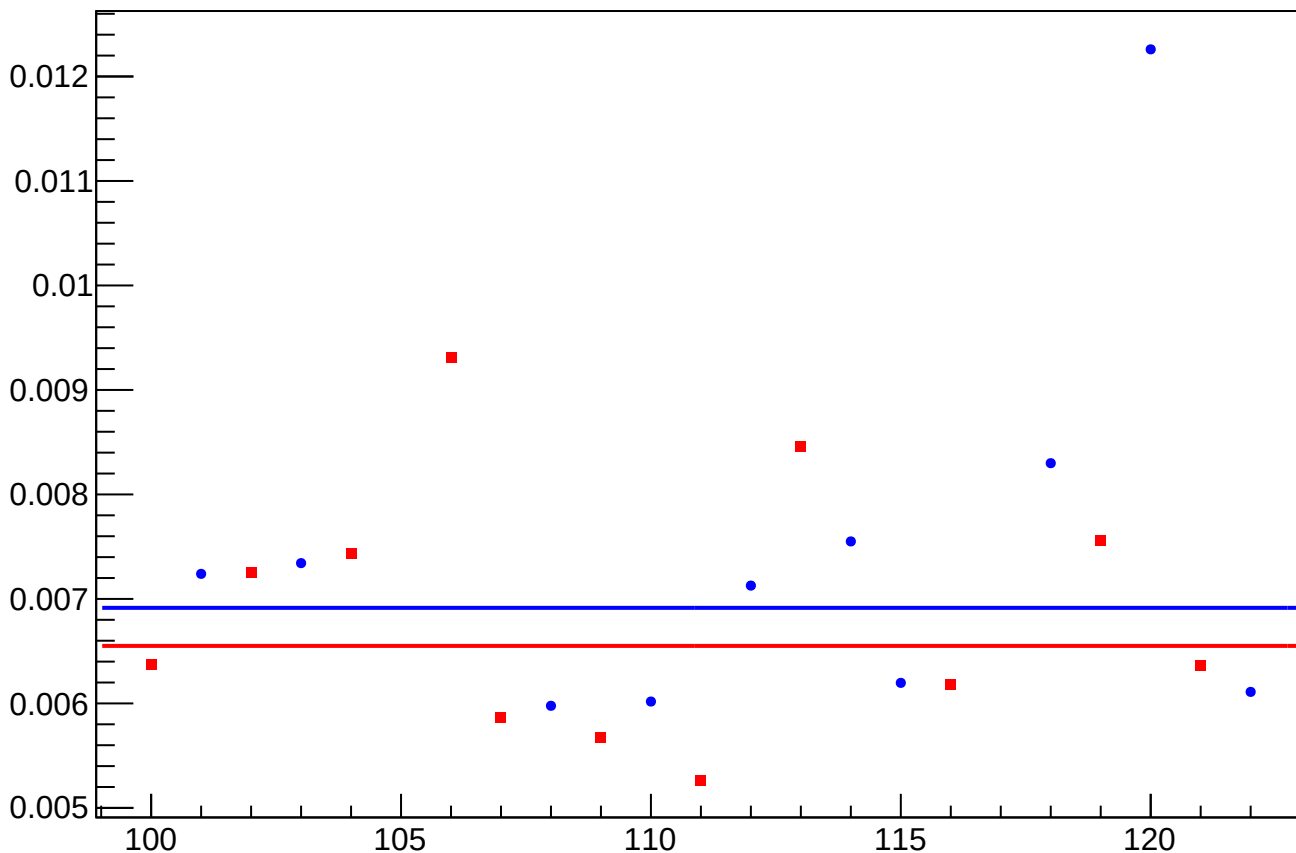
Right: -1.724+/-0.000 $\chi^2/\text{NDF}: 38273530256.9/20$

In: -1.664+/-0.000 $\chi^2/\text{NDF}: 17816786593.9/9$

Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.724+/-0.000 $\chi^2/\text{NDF}: 38273530256.9/20$

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 : 209548.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

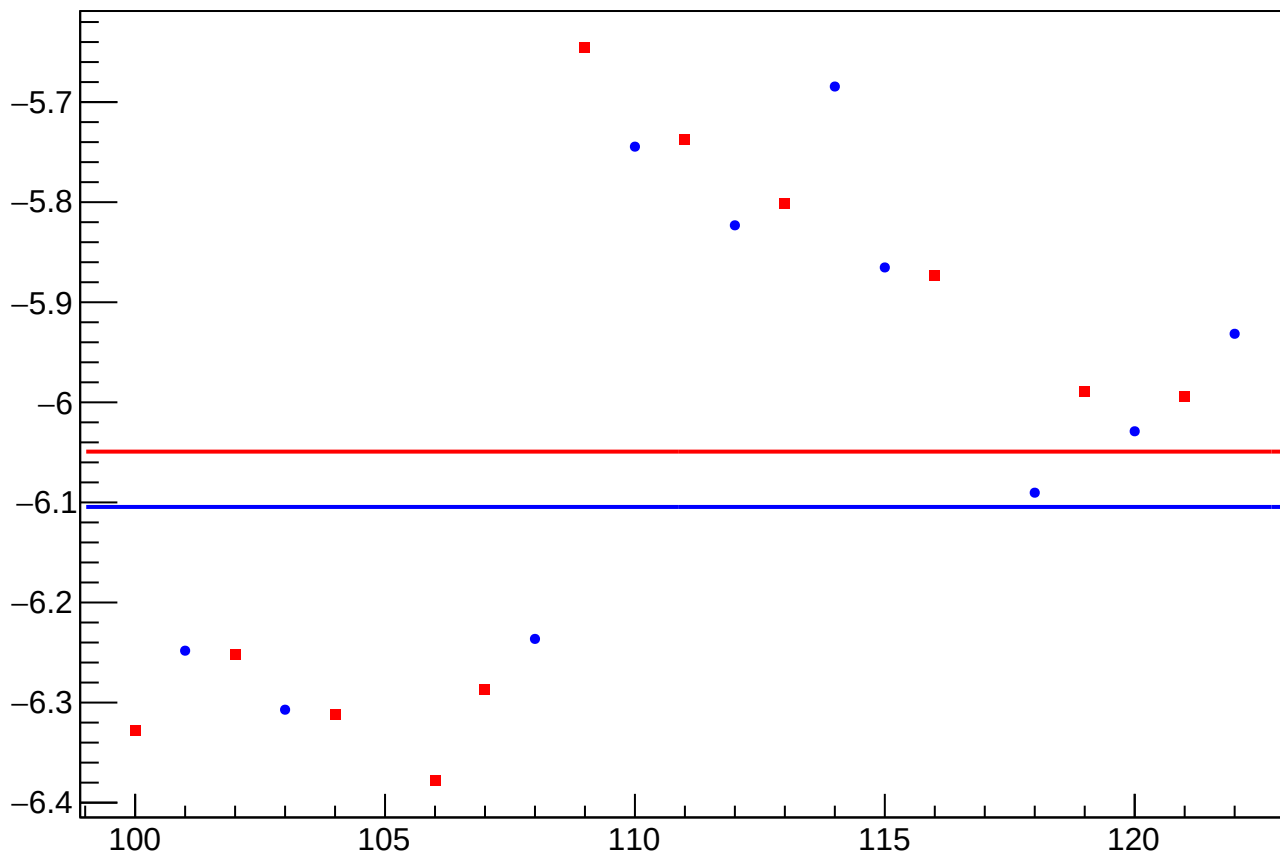
Right: 0.007+/-0.000 χ^2/NDF : 410764.9/20

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 : 410764.9/20

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: -6.049+/-0.000 χ^2/NDF : 7893306925.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

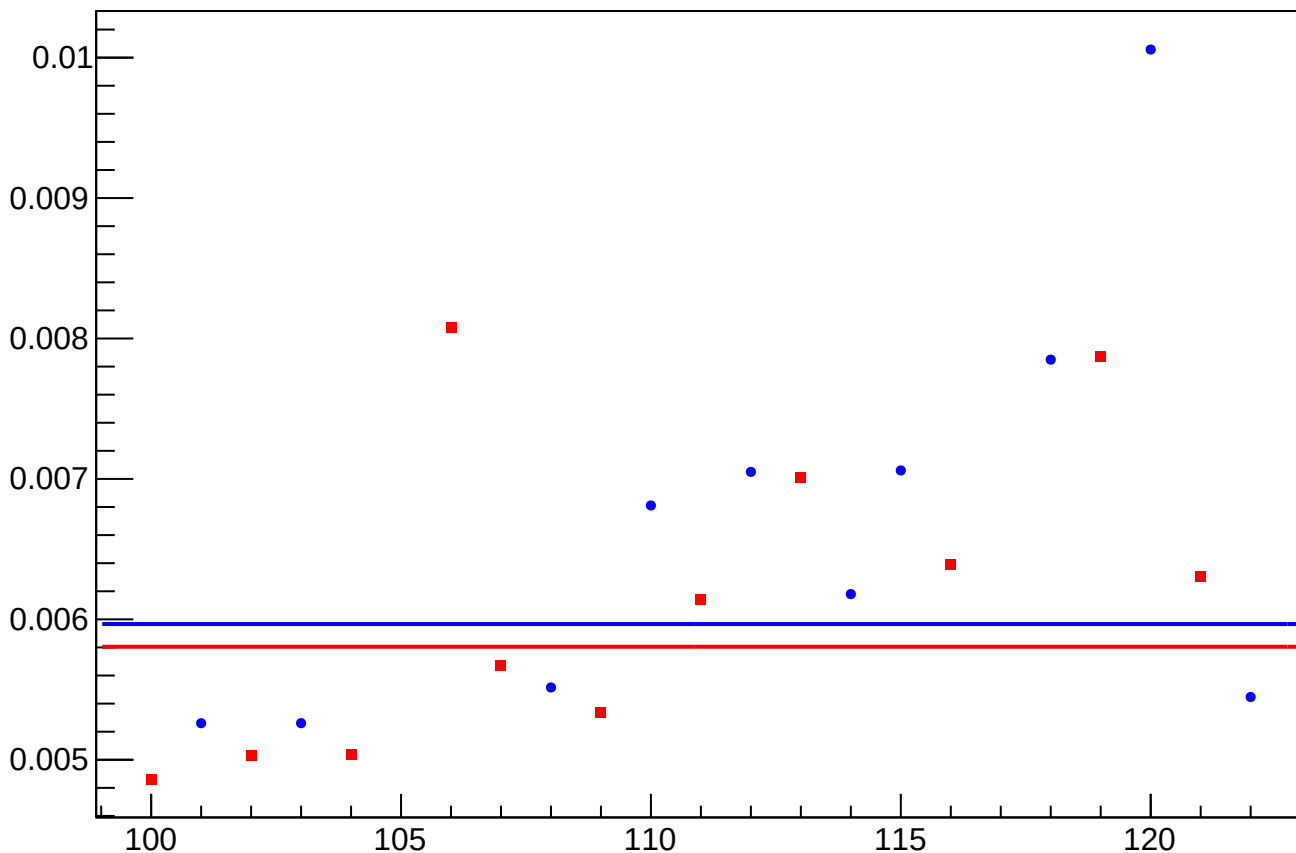
Right: -6.075+/-0.000 χ^2/NDF : 12177783245.5/20

In: -6.105+/-0.000 χ^2/NDF :4121175203.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.075+/-0.000 χ^2/NDF : 12177783245.5/20

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 : 203239.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

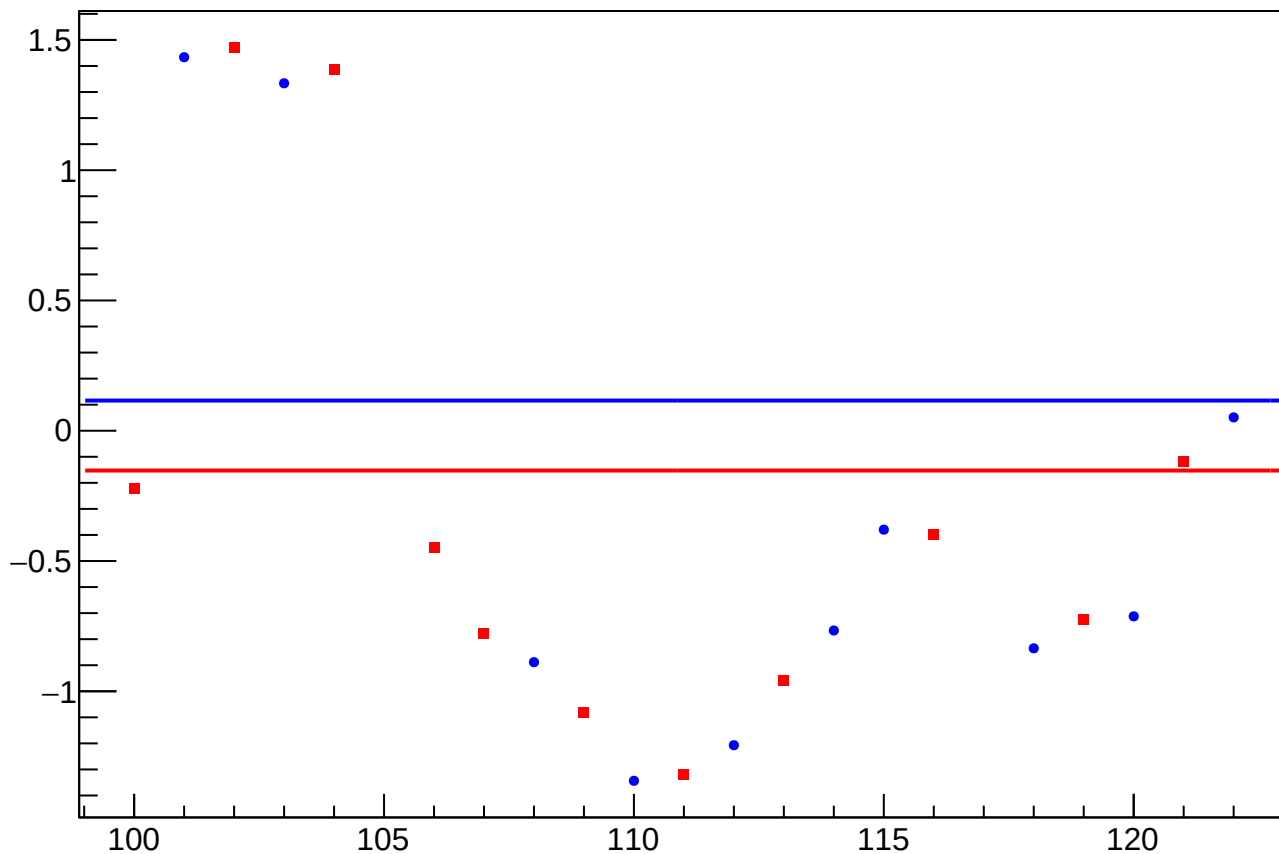
Right: 0.006+/-0.000 χ^2/NDF : 442691.2/20

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 : 442691.2/20

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: -0.153+/-0.000 χ^2/NDF : 21240193041.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

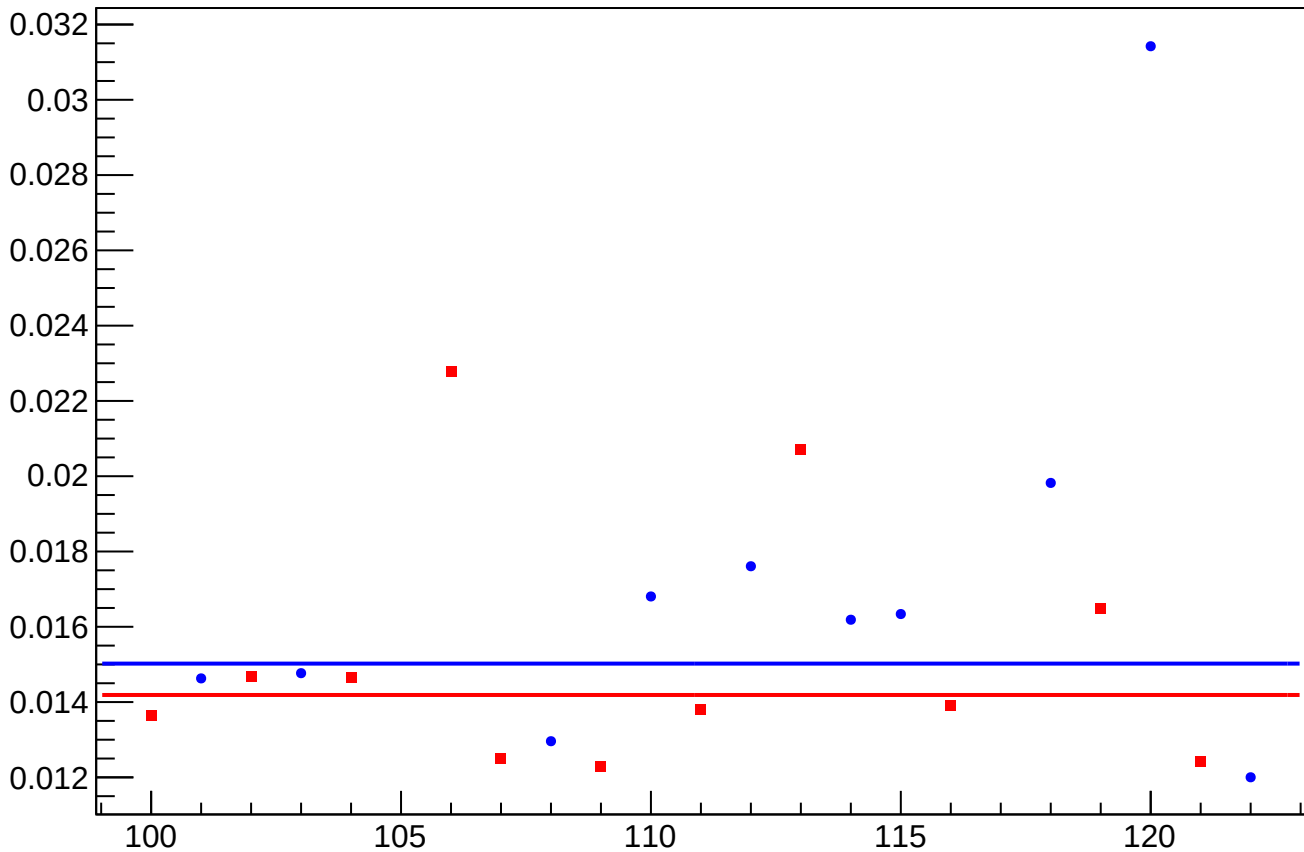
Right: -0.037+/-0.000 χ^2/NDF : 39177835682.3/20

In: 0.116+/-0.000 χ^2/NDF : 17325567791.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.037+/-0.000 χ^2/NDF : 39177835682.3/20

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 : 196638.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

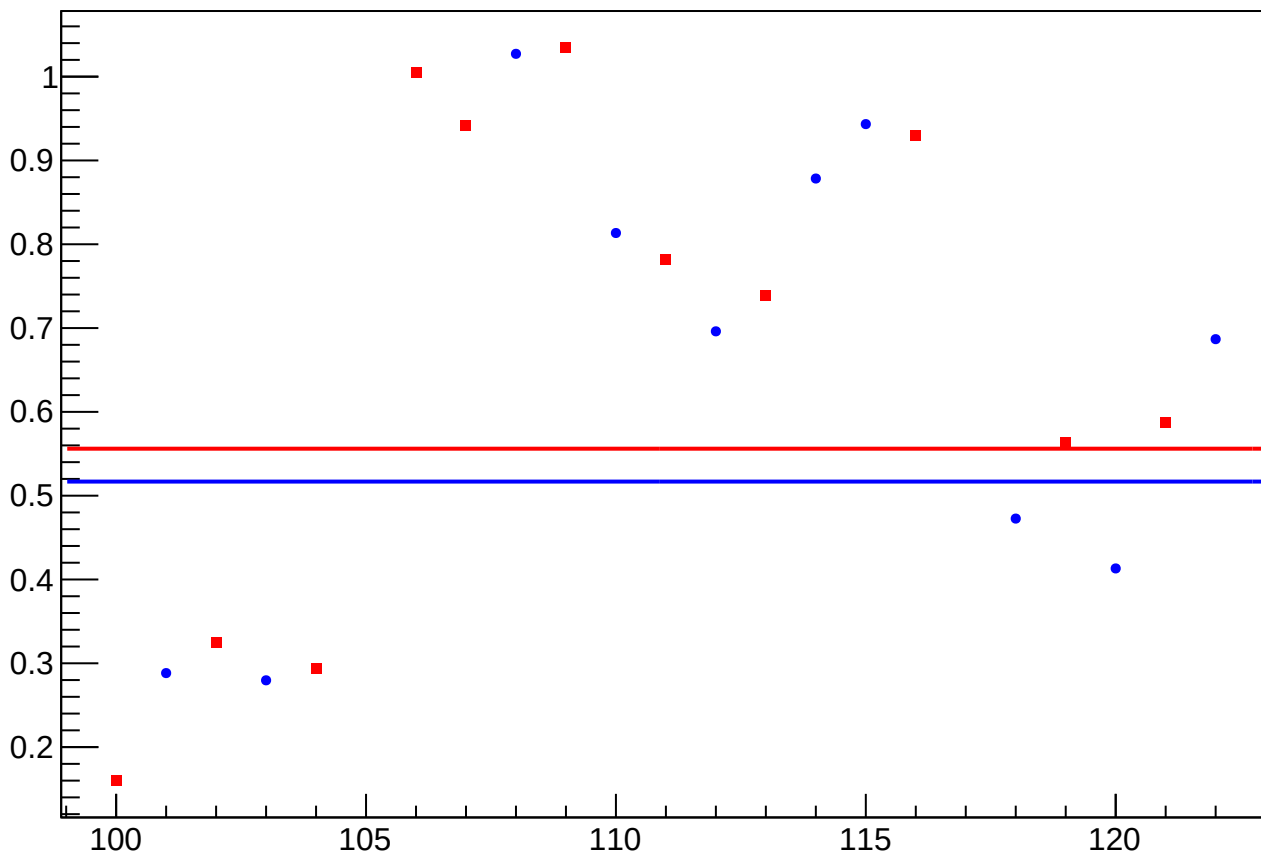
Right: 0.015+/-0.000 χ^2/NDF : 498121.9/20

In: 0.015+/-0.000 χ^2/NDF : 289701.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 498121.9/20

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: 0.556+/-0.000 χ^2/NDF : 4796298968.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

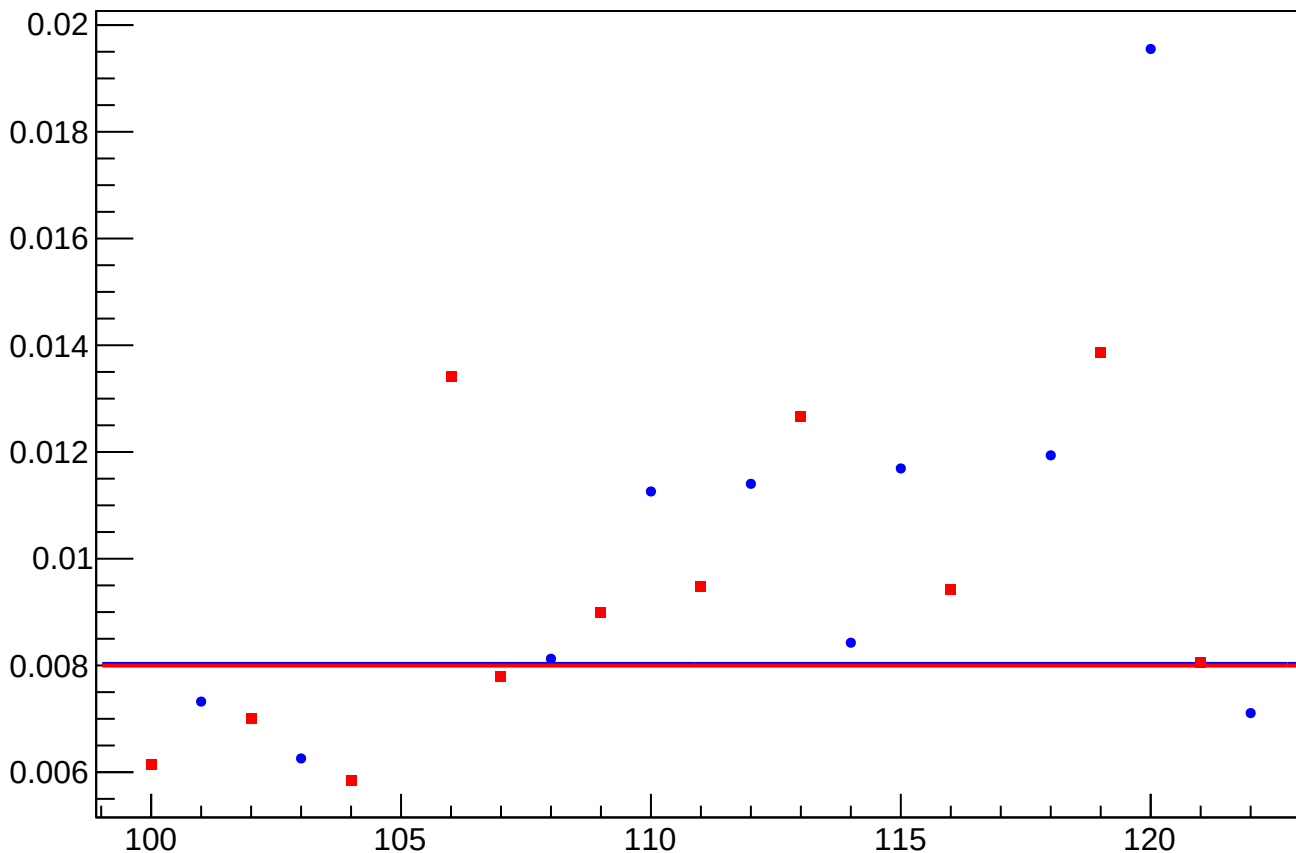
Right: 0.538+/-0.000 χ^2/NDF : 8694781395.7/20

In: 0.517+/-0.000 χ^2/NDF :3856650648.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.538+/-0.000 χ^2/NDF : 8694781395.7/20

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 : 544777.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

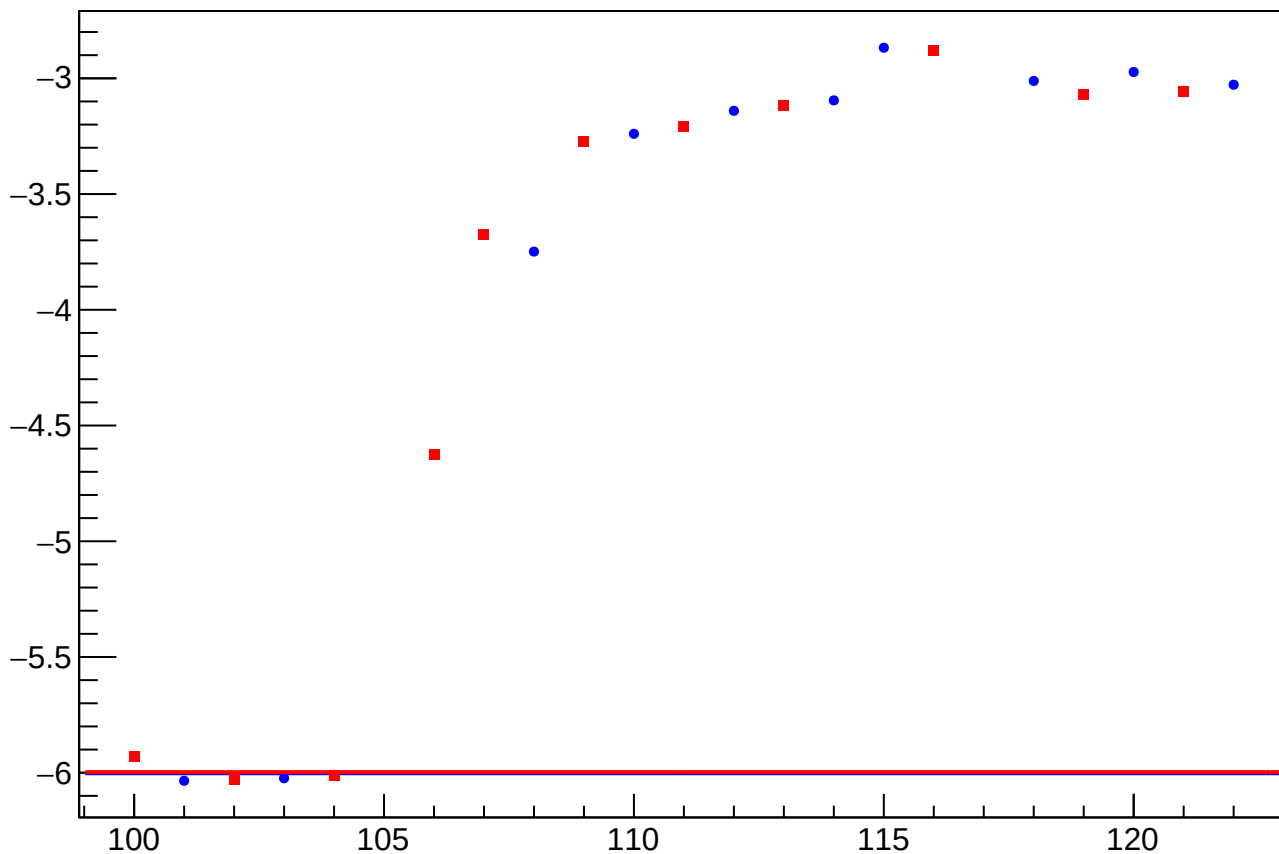
Right: 0.008+/-0.000 χ^2/NDF : 1102032.0/20

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 : 1102032.0/20

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: -5.997+/-0.000 χ^2/NDF : 2564796235.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

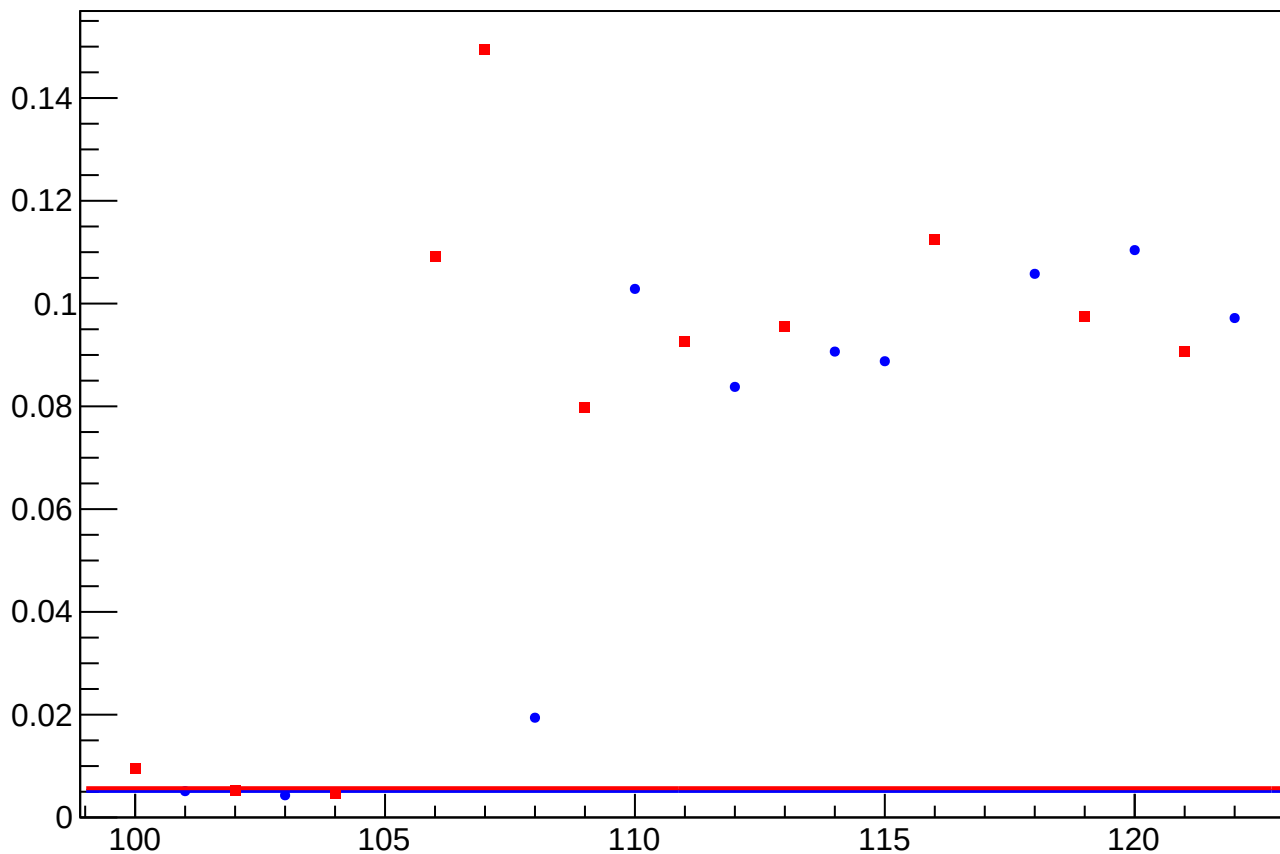
Right: -6.000+/-0.000 χ^2/NDF : 6057062715.3/20

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 : 6057062715.3/2

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 : 5460377.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

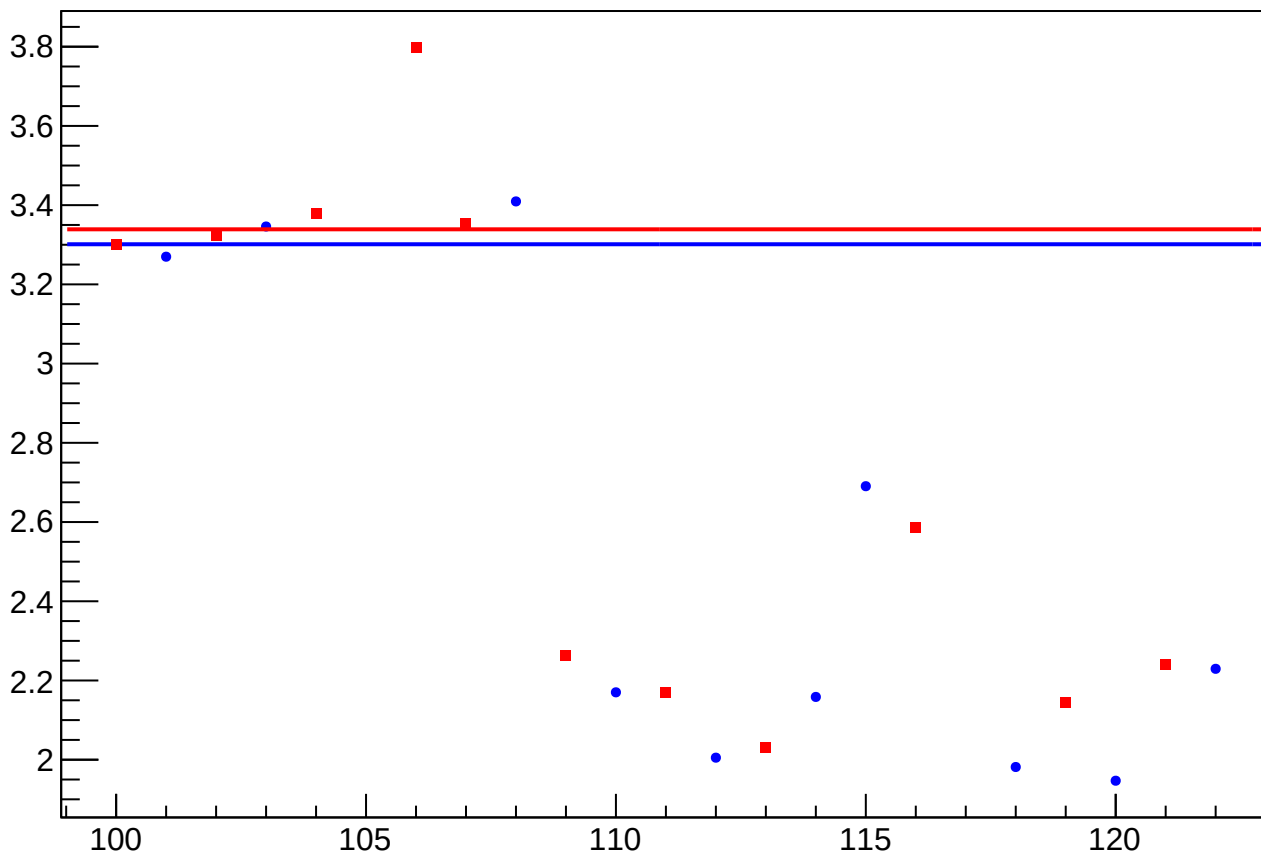
Right: 0.005+/-0.000 χ^2/NDF : 9580212.3/20

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 : 9580212.3/20

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: 3.339+/-0.000 χ^2/NDF : 400458113.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

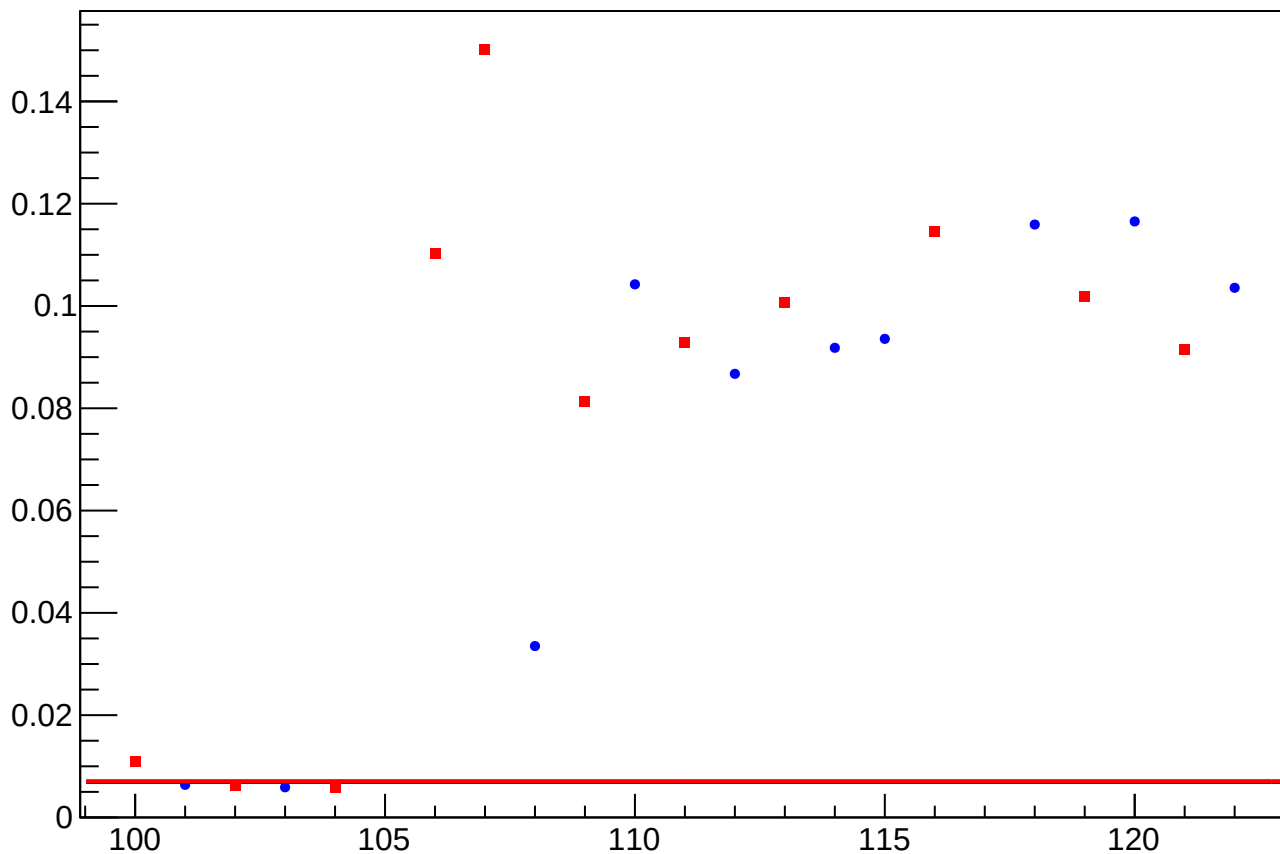
Right: 3.320+/-0.000 χ^2/NDF : 781725361.2/20

In: 3.301+/-0.000 χ^2/NDF :360321138.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.320+/-0.000 χ^2/NDF : 781725361.2/20

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 : 5310601.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

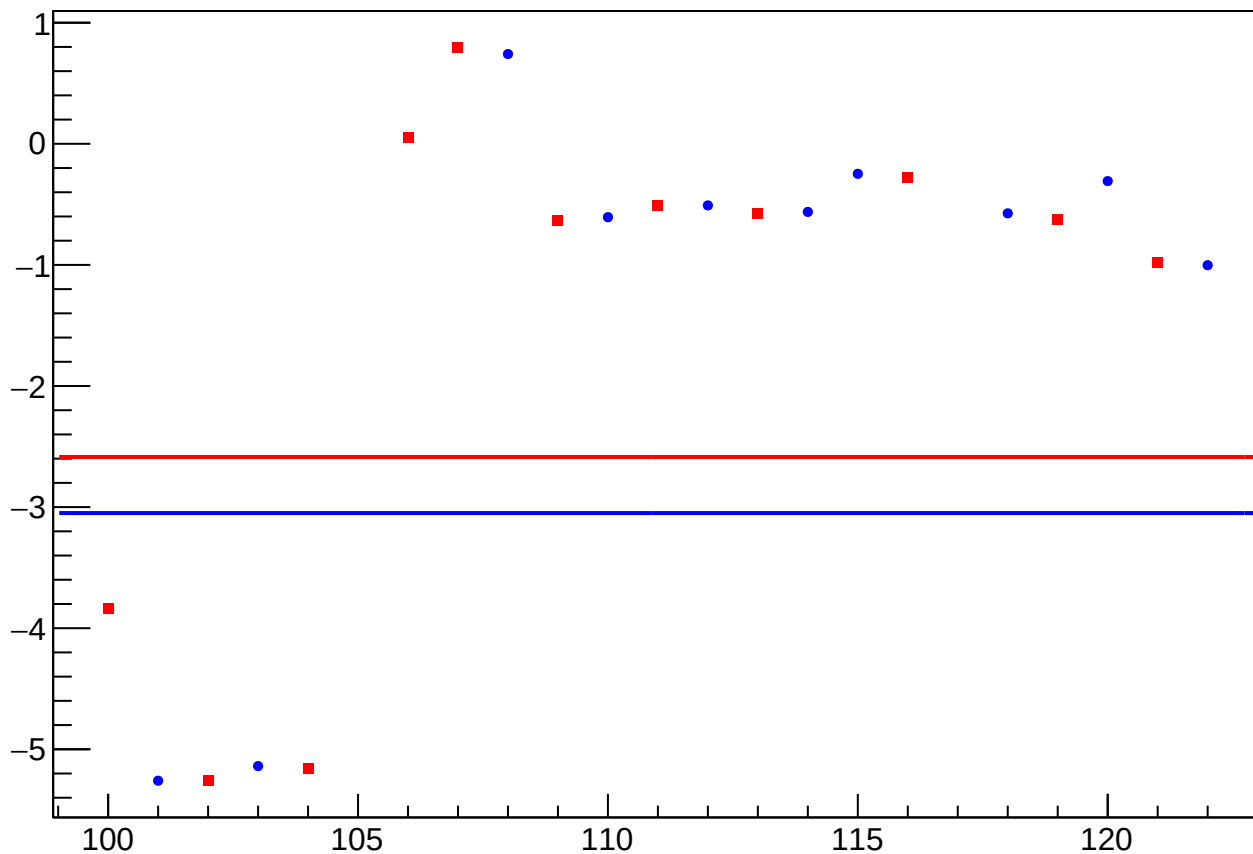
Right: 0.007+/-0.000 χ^2/NDF : 9420019.1/20

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 : 9420019.1/20

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: -2.586+/-0.000 χ^2/NDF : 105936851246.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

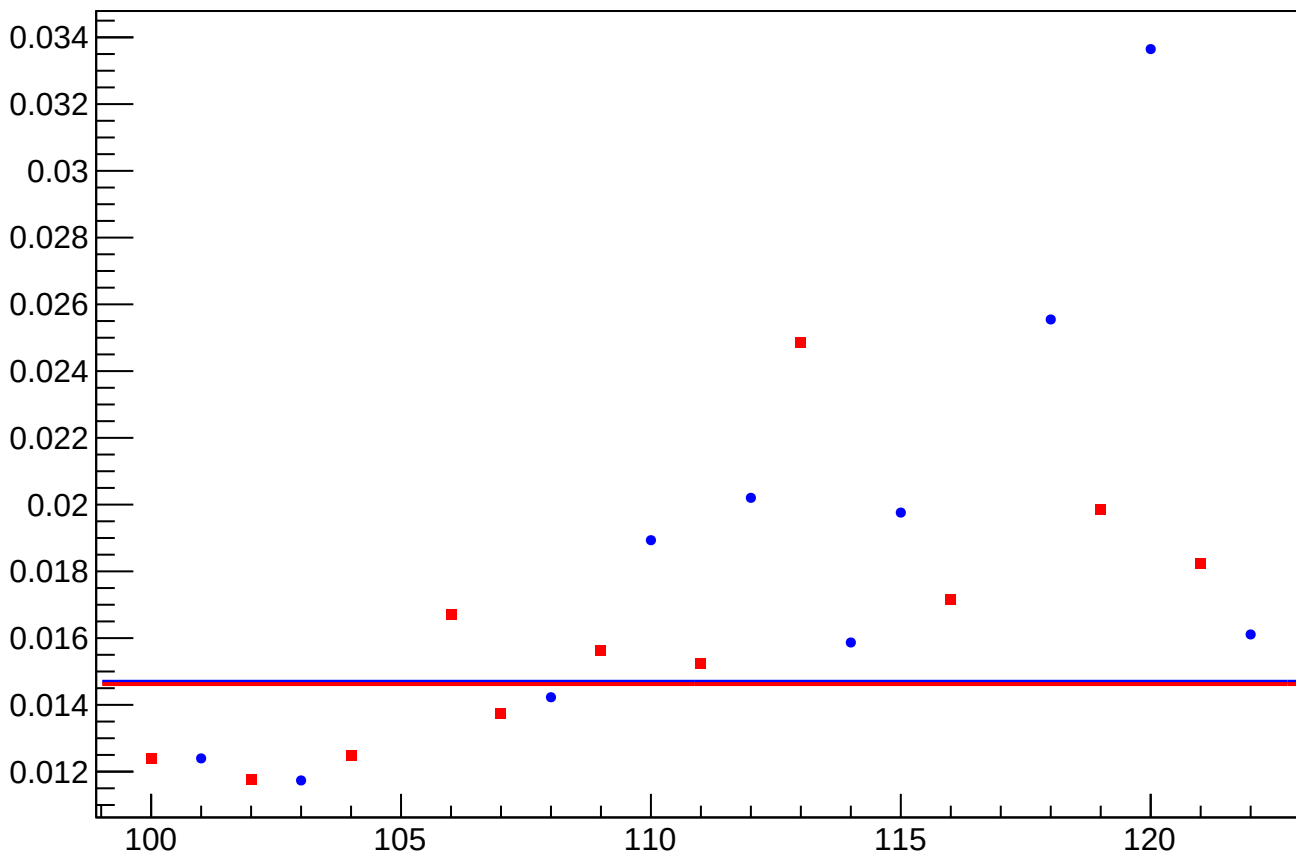
Right: -2.797+/-0.000 χ^2/NDF : 200980608058.3/20

In: -3.049+/-0.000 χ^2/NDF : 93286532206.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.797+/-0.000 χ^2/NDF : 200980608058.3

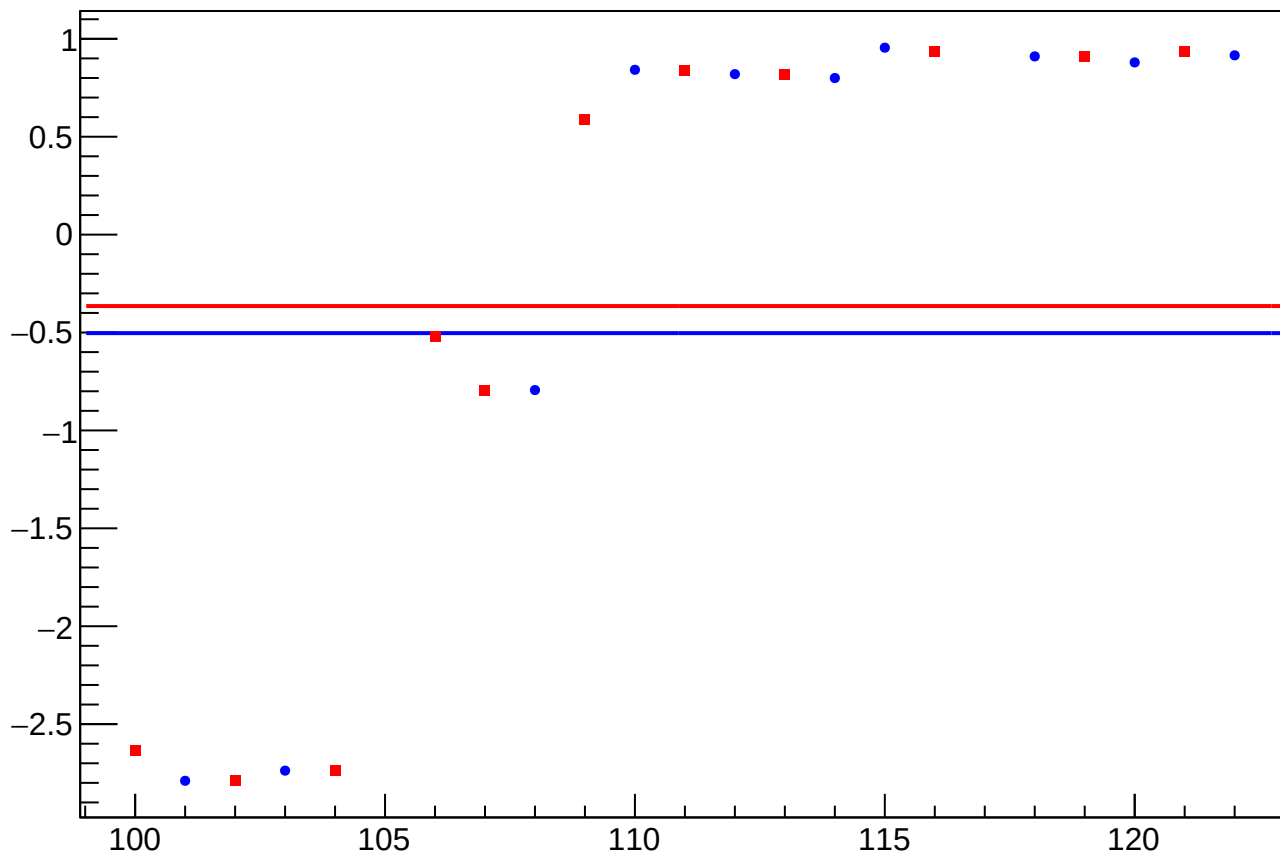
yield_bpm0l04X_rms vs Slug, Sign Corrected



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 : 337995.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.015+/-0.000 χ^2/NDF : 889078.0/20
 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 : 889078.0/20

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: -0.365+/-0.000 χ^2/NDF : 786750271548.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

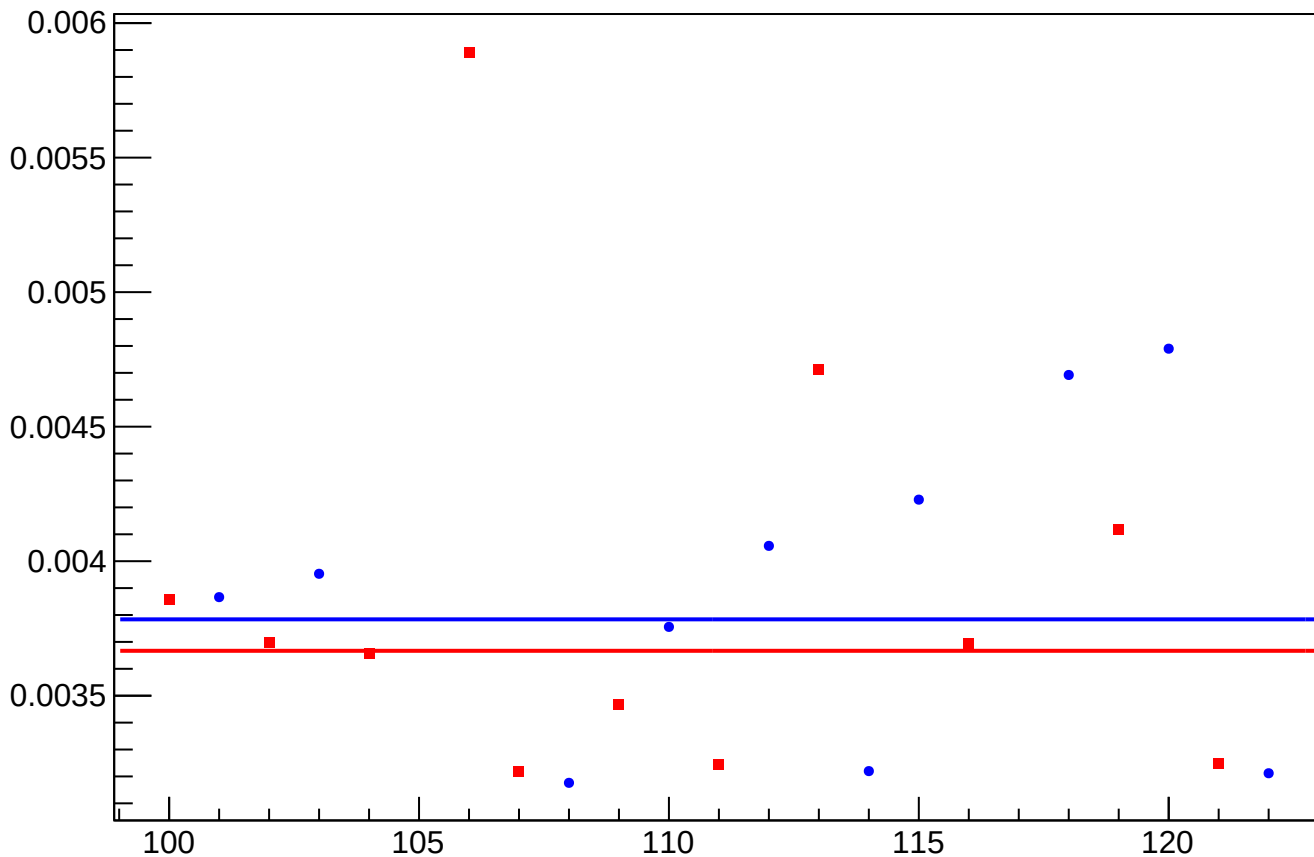
Right: -0.428+/-0.000 χ^2/NDF : 1471368247072.0/2

In: -0.503+/-0.000 χ^2/NDF :681916814367.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.428+/-0.000 χ^2/NDF : 1471368247072

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 : 173957.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

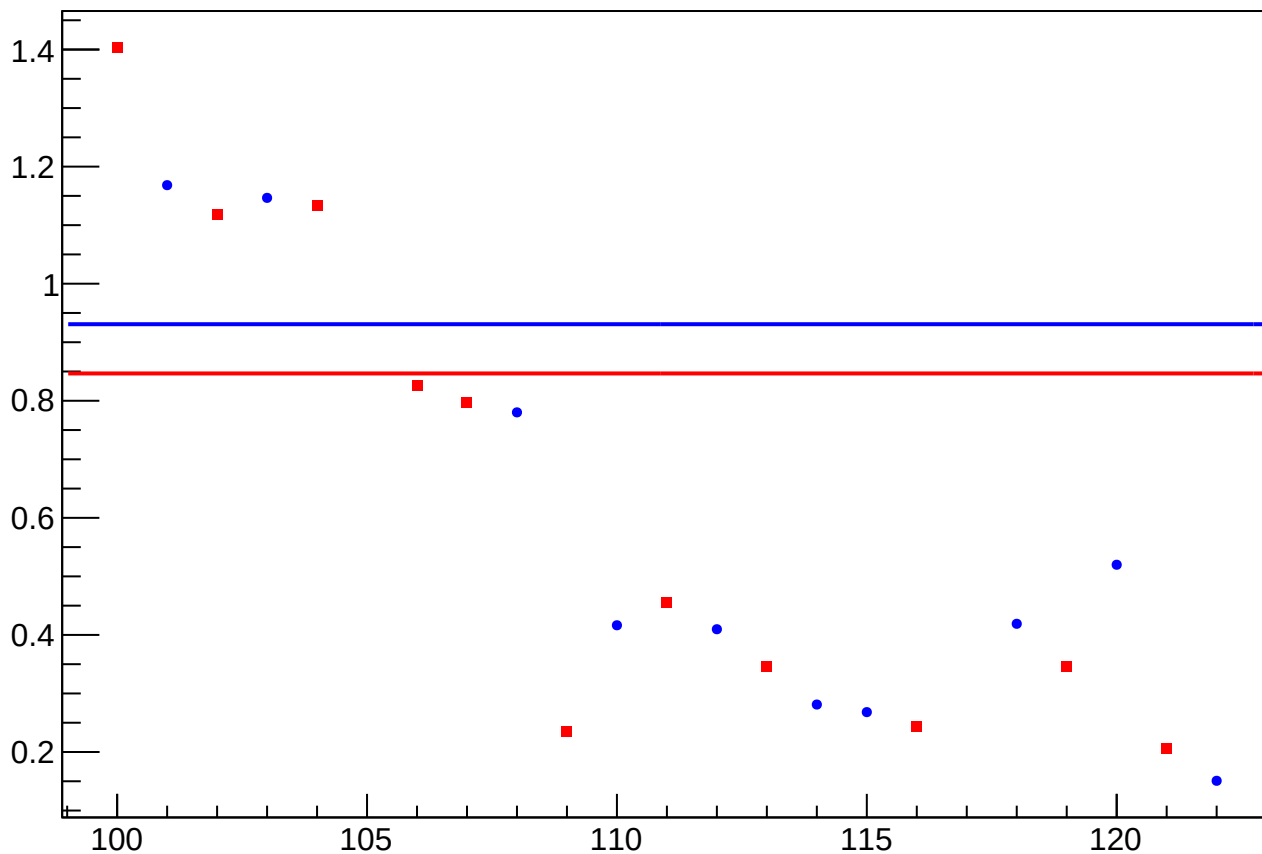
Right: 0.004+/-0.000 χ^2/NDF : 311034.8/20

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 : 311034.8/20

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: 0.847+/-0.000 χ^2/NDF : 16829638747.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

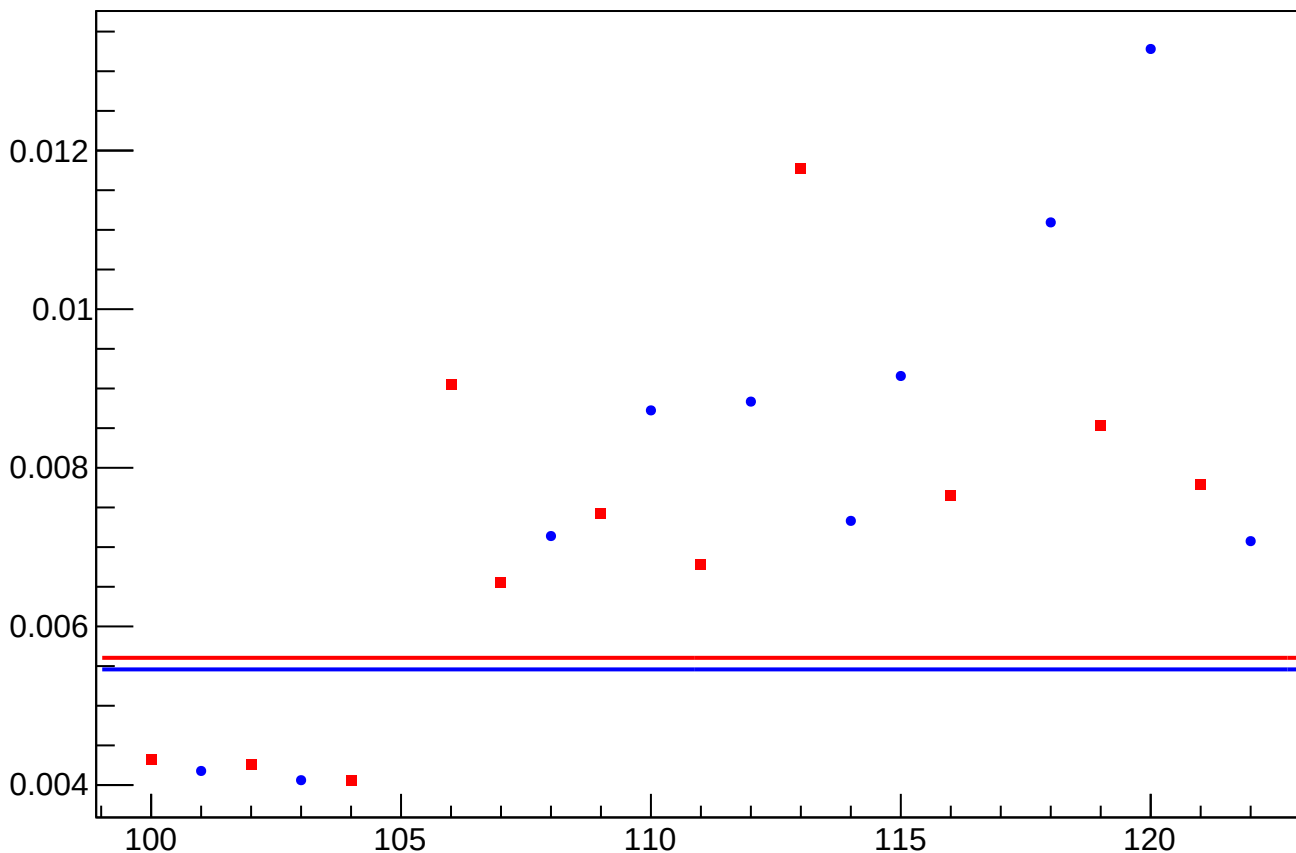
Right: 0.887+/-0.000 χ^2/NDF : 30472013026.8/20

In: 0.931+/-0.000 χ^2/NDF :13261658286.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.887+/-0.000 χ^2/NDF : 30472013026.8/20

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 : 828380.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

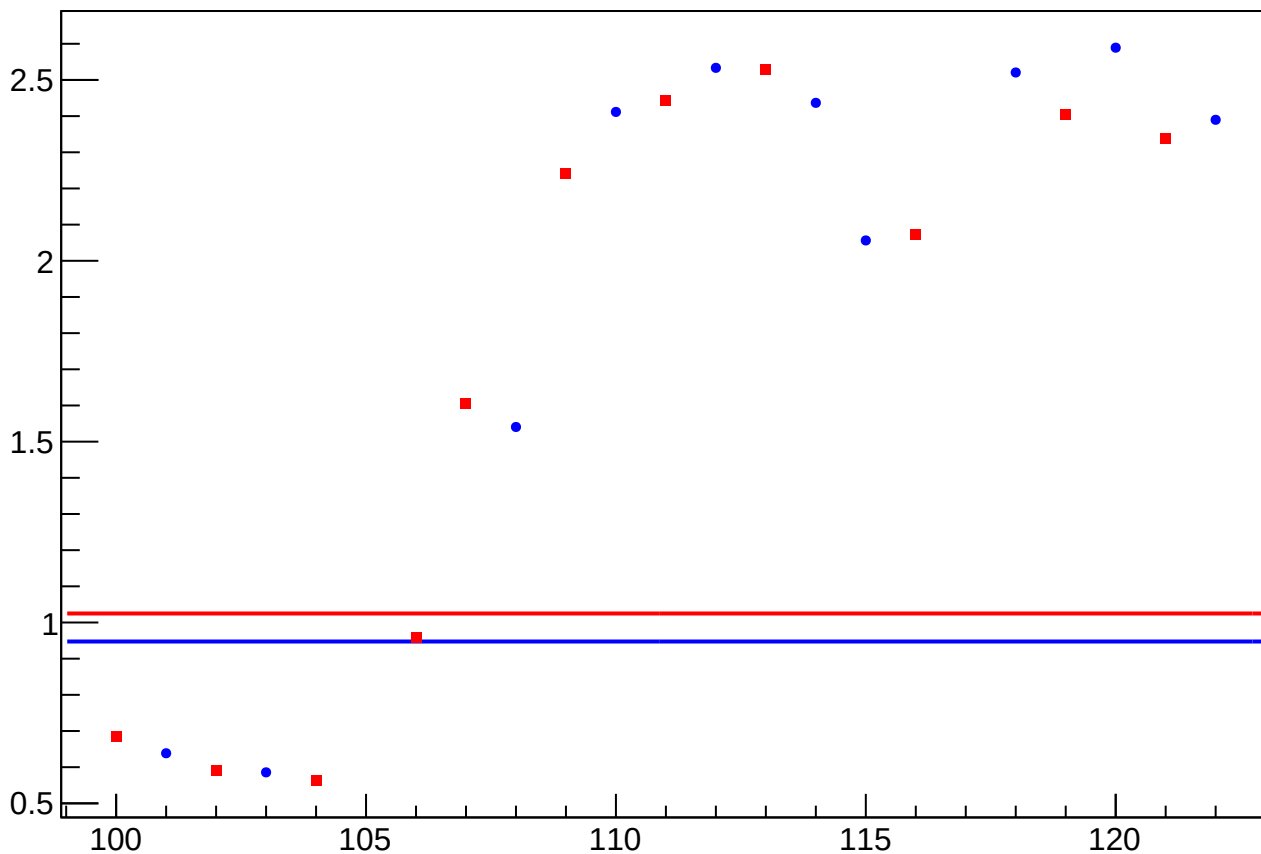
Right: 0.006+/-0.000 χ^2/NDF : 1837226.8/20

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 : 1837226.8/20

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.947+/-0.000

χ^2/NDF : 50321676513.7/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.988+/-0.000

χ^2/NDF : 117404083033.0/20

Right Out: 1.025+/-0.000

χ^2/NDF : 66733549519.0/10

In: 0.947+/-0.000

χ^2/NDF : 50321676513.7/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

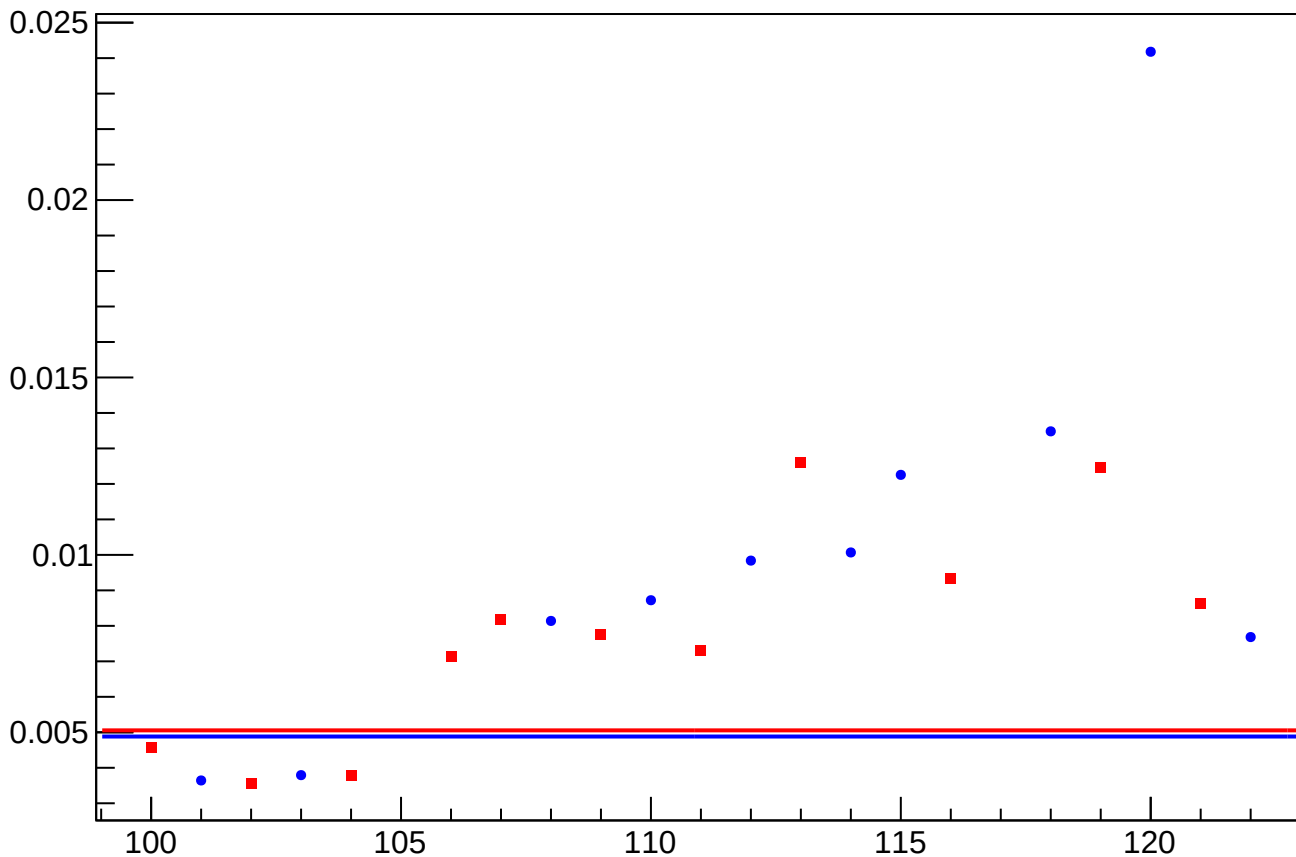
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.988+/-0.000

χ^2/NDF : 117404083033.0

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 : 1340492.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

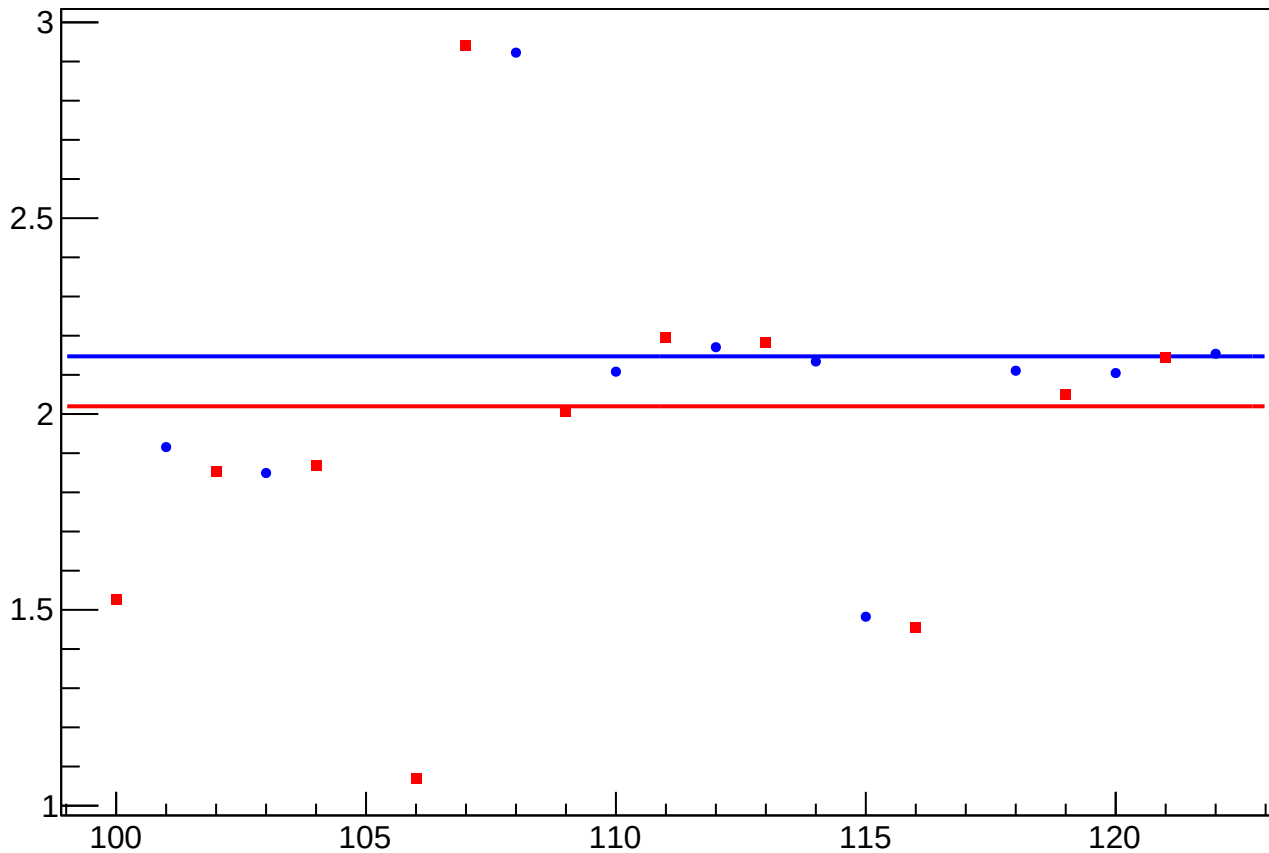
Right: 0.005+/-0.000 χ^2/NDF : 2855285.0/20

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 : 2855285.0/20

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.147+/-0.000

χ^2/NDF : 9015207755.6/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2.078+/-0.000

χ^2/NDF : 23036340874.7/20

Right Out: 2.020+/-0.000

χ^2/NDF : 13336215785.4/10

In: 2.147+/-0.000

χ^2/NDF : 9015207755.6/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

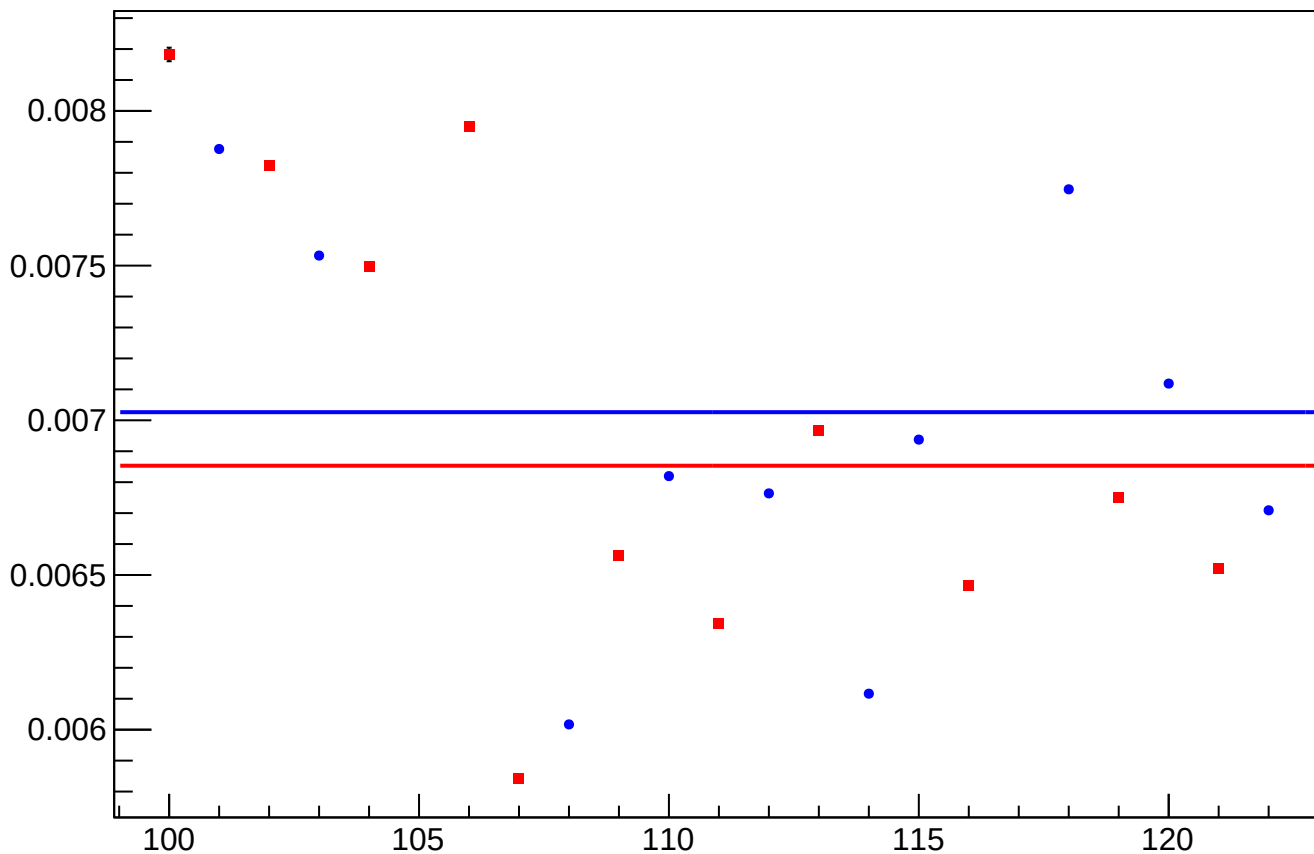
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.078+/-0.000

χ^2/NDF : 23036340874.7/20

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 : 67526.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

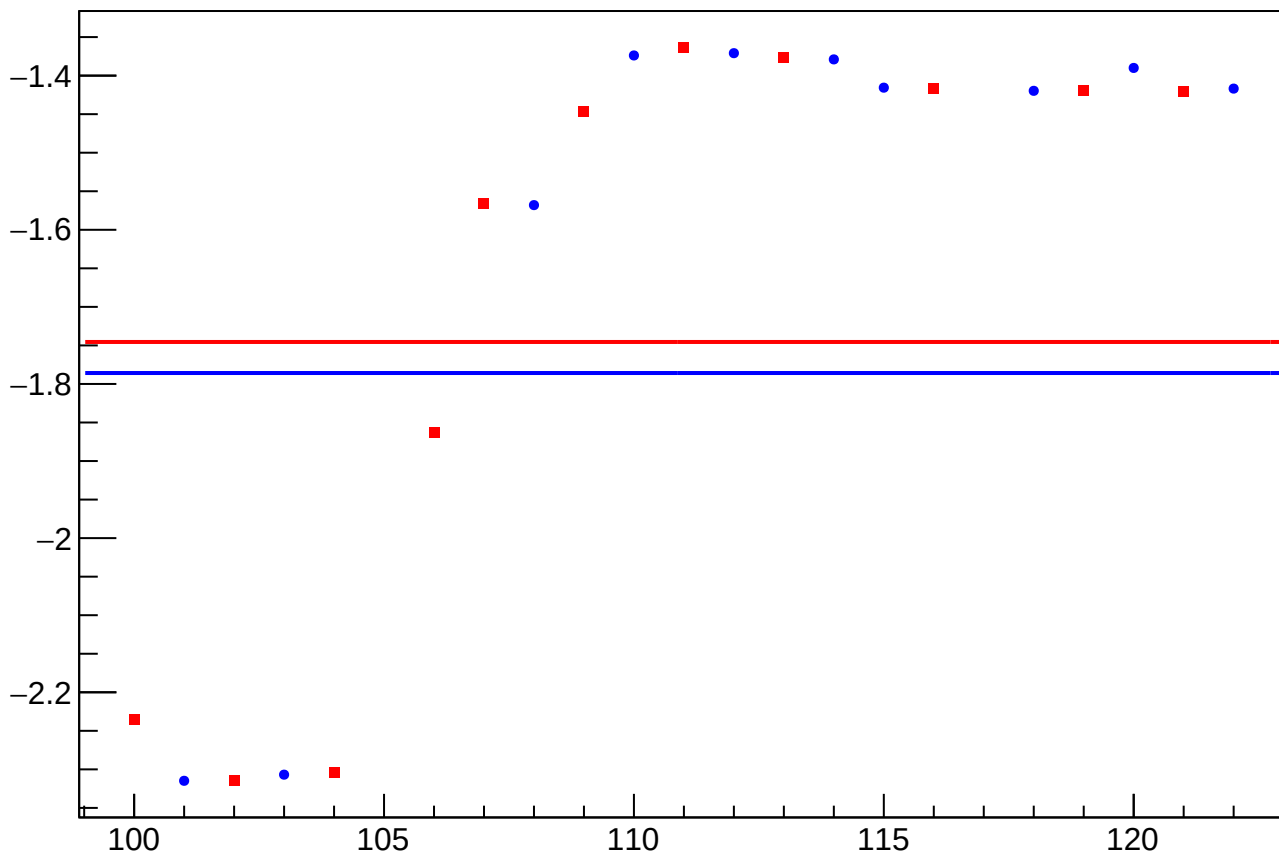
Right: 0.007+/-0.000 χ^2/NDF : 128338.1/20

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 : 128338.1/20

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: -1.746+/-0.000 χ^2/NDF : 103307818340.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

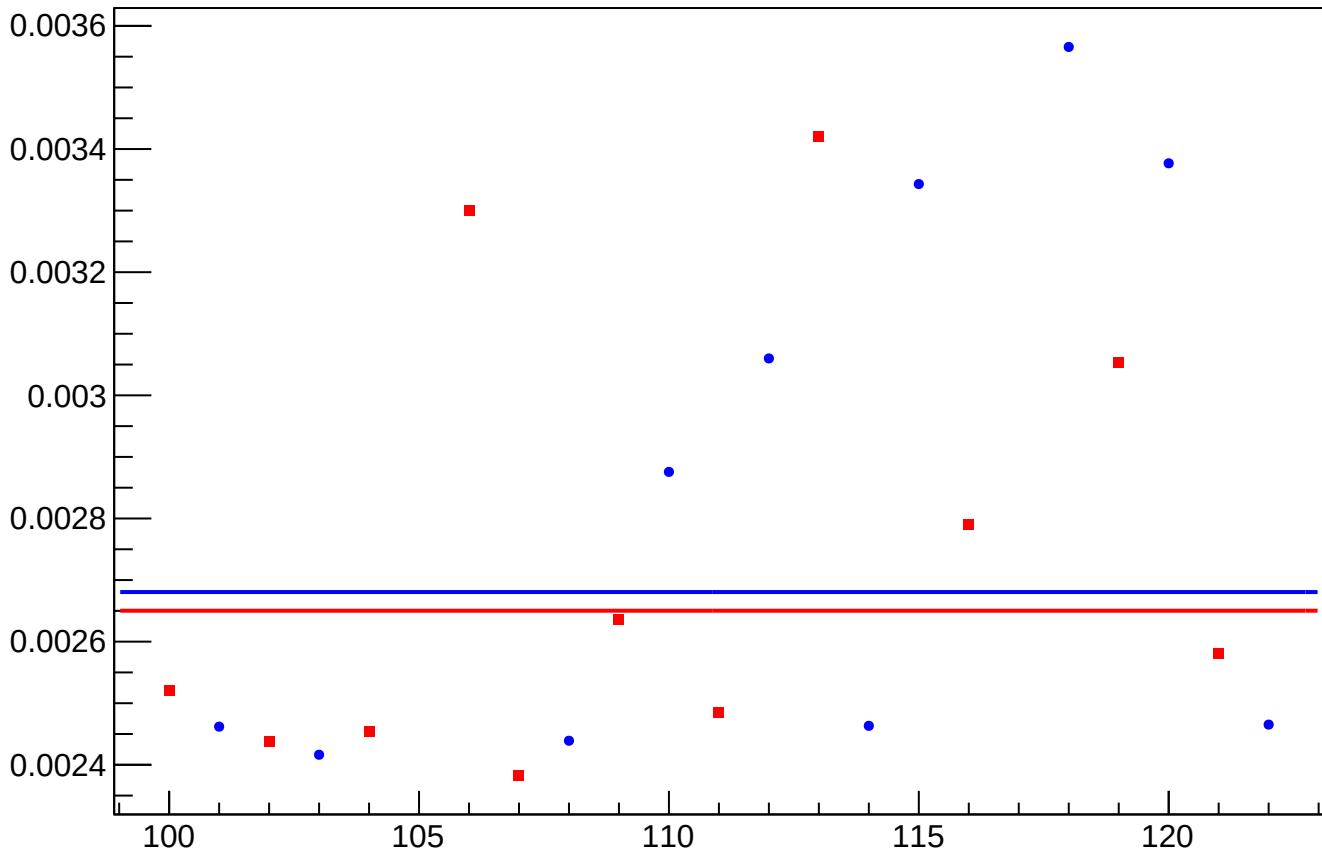
Right: -1.764+/-0.000 χ^2/NDF : 202174481513.2/20

In: -1.786+/-0.000 χ^2/NDF :98414632512.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.764+/-0.000 χ^2/NDF : 202174481513.2

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 : 108598.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

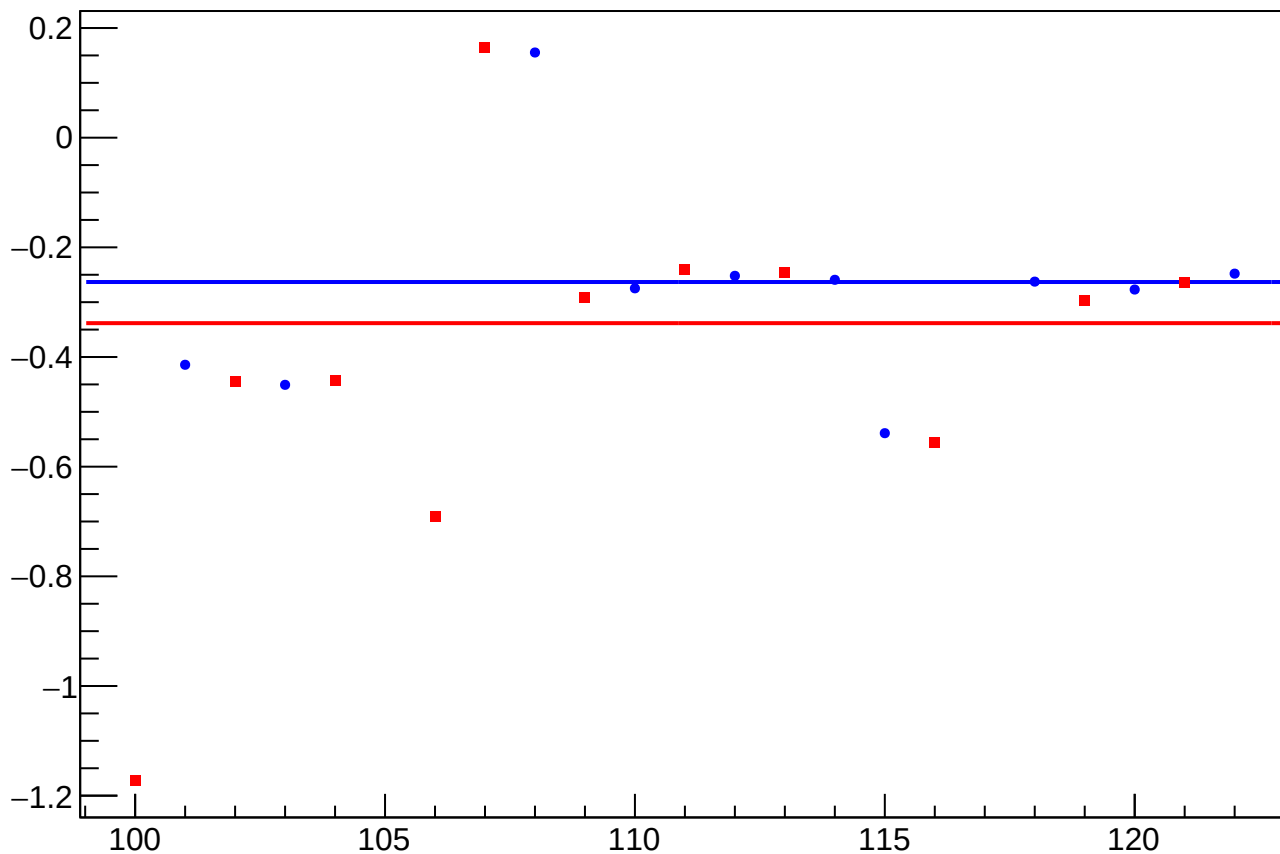
Right: 0.003+/-0.000 χ^2/NDF : 259658.4/20

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 : 259658.4/20

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: -0.338+/-0.000 χ^2/NDF : 1558150605.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

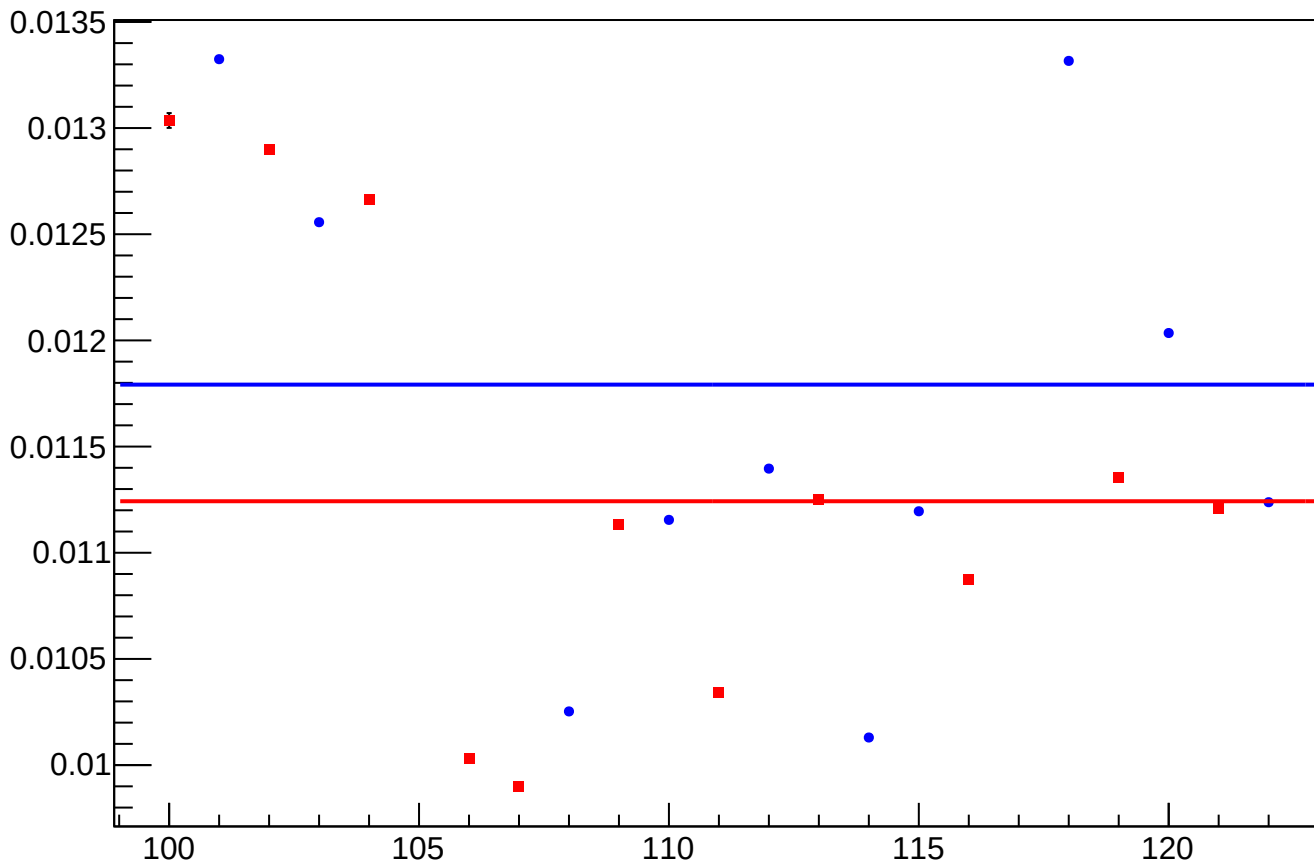
Right: -0.305+/-0.000 χ^2/NDF : 2590240491.9/20

In: -0.263+/-0.000 χ^2/NDF :944319465.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.305+/-0.000 χ^2/NDF : 2590240491.9/2

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 : 61388.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

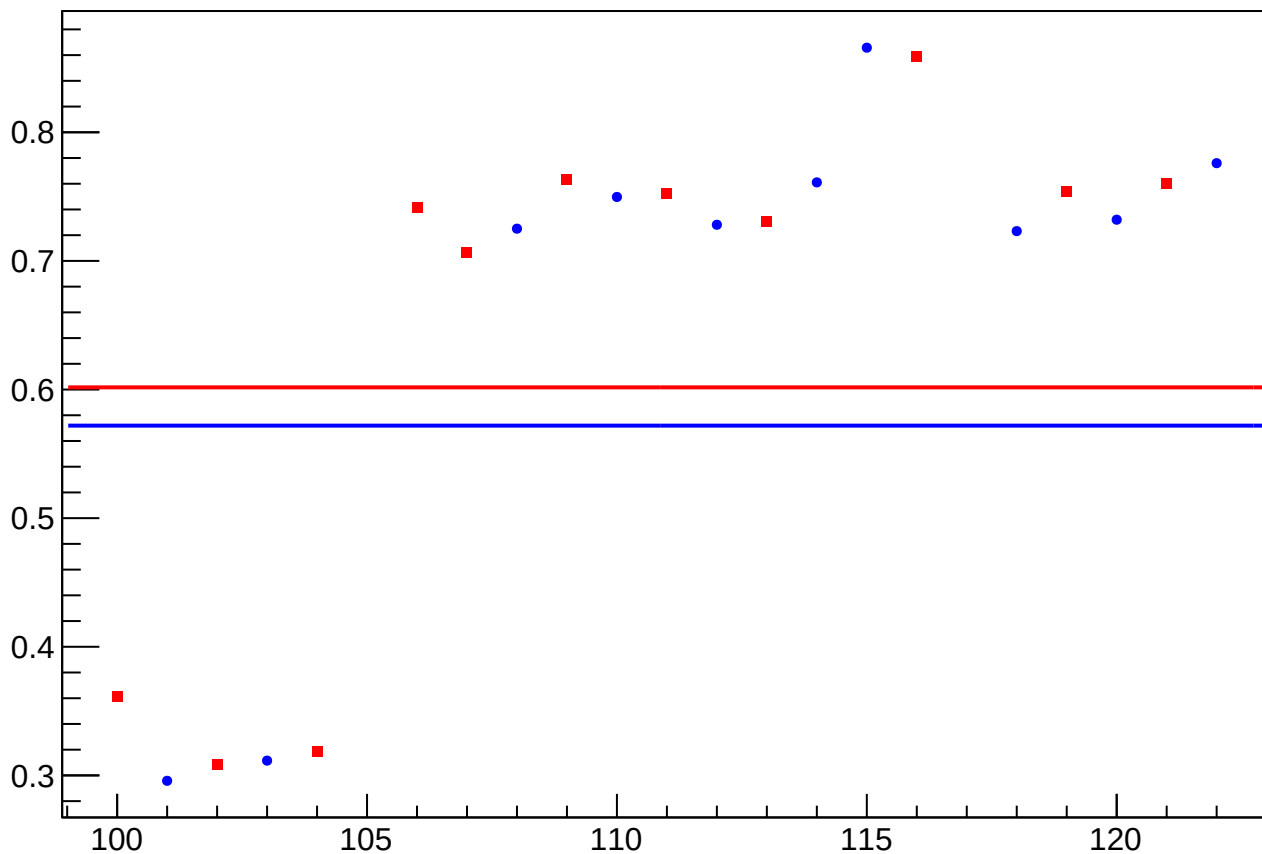
Right: 0.011+/-0.000 χ^2/NDF : 135160.5/20

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 : 135160.5/20

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: 0.602+/-0.000 χ^2/NDF : 26757411881.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

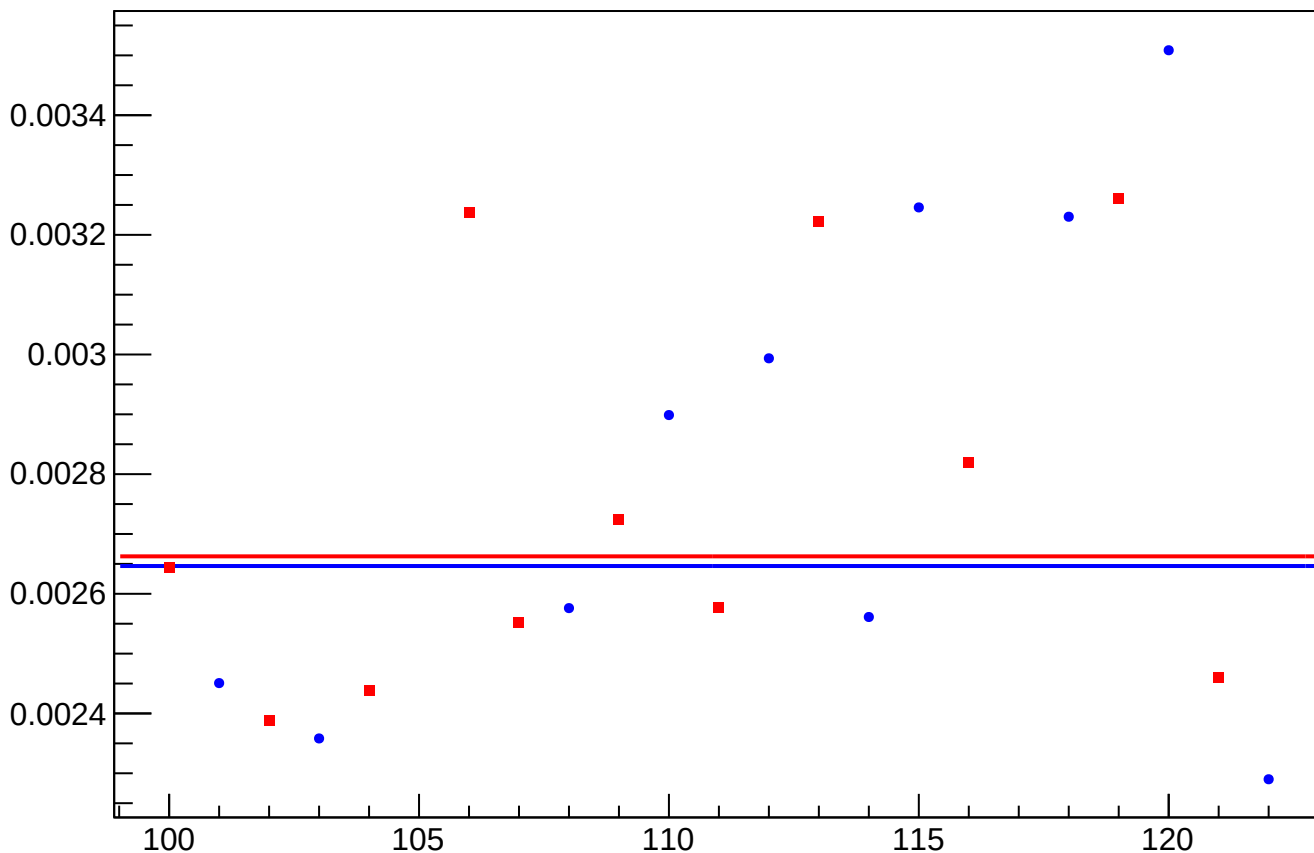
Right: 0.587+/-0.000 χ^2/NDF : 52804387280.8/20

In: 0.572+/-0.000 χ^2/NDF :25797603708.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.587+/-0.000 χ^2/NDF : 52804387280.8/20

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 : 110319.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

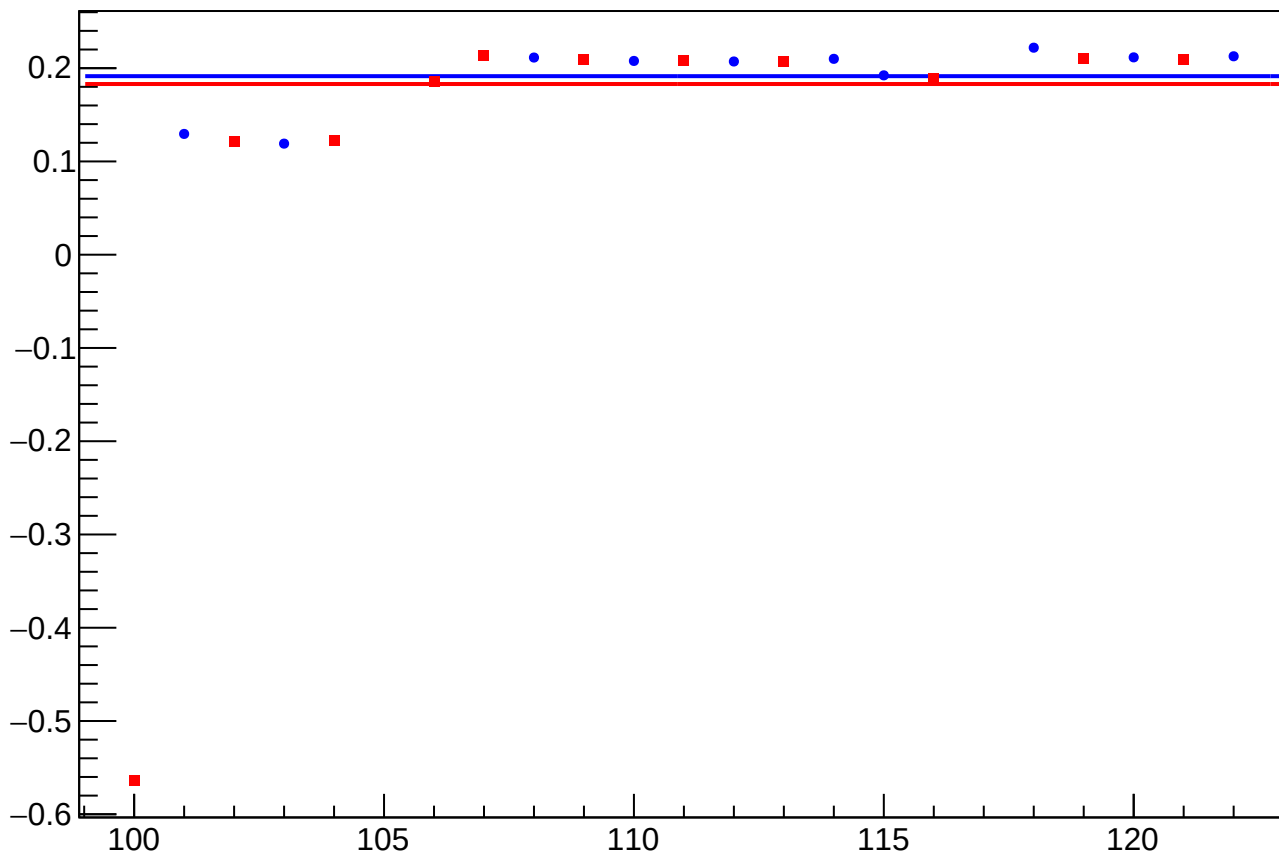
Right: 0.003+/-0.000 χ^2/NDF : 252521.6/20

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 : 252521.6/20

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: 0.183+/-0.000 χ^2/NDF : 333466322.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

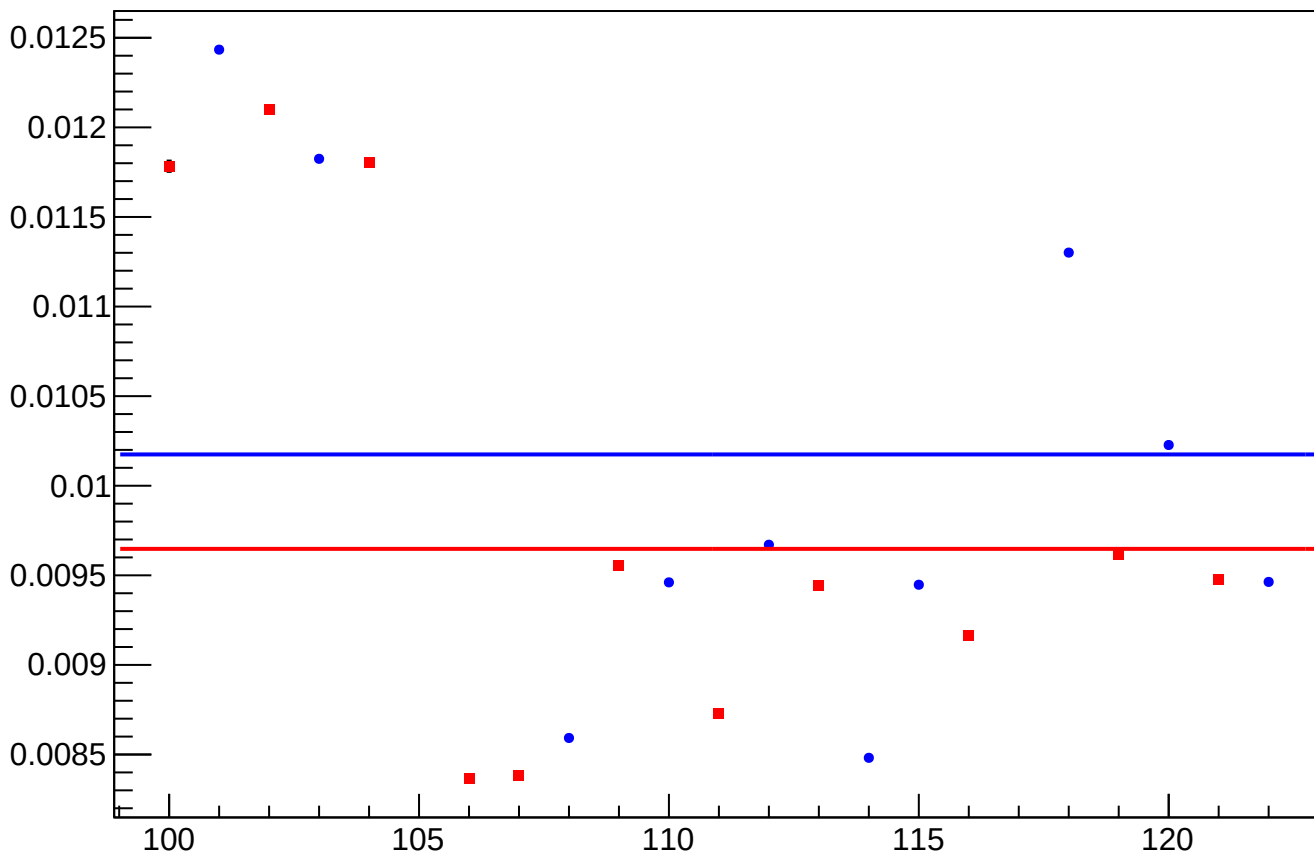
Right: 0.187+/-0.000 χ^2/NDF : 384794462.6/20

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 : 384794462.6/20

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 : 127089.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

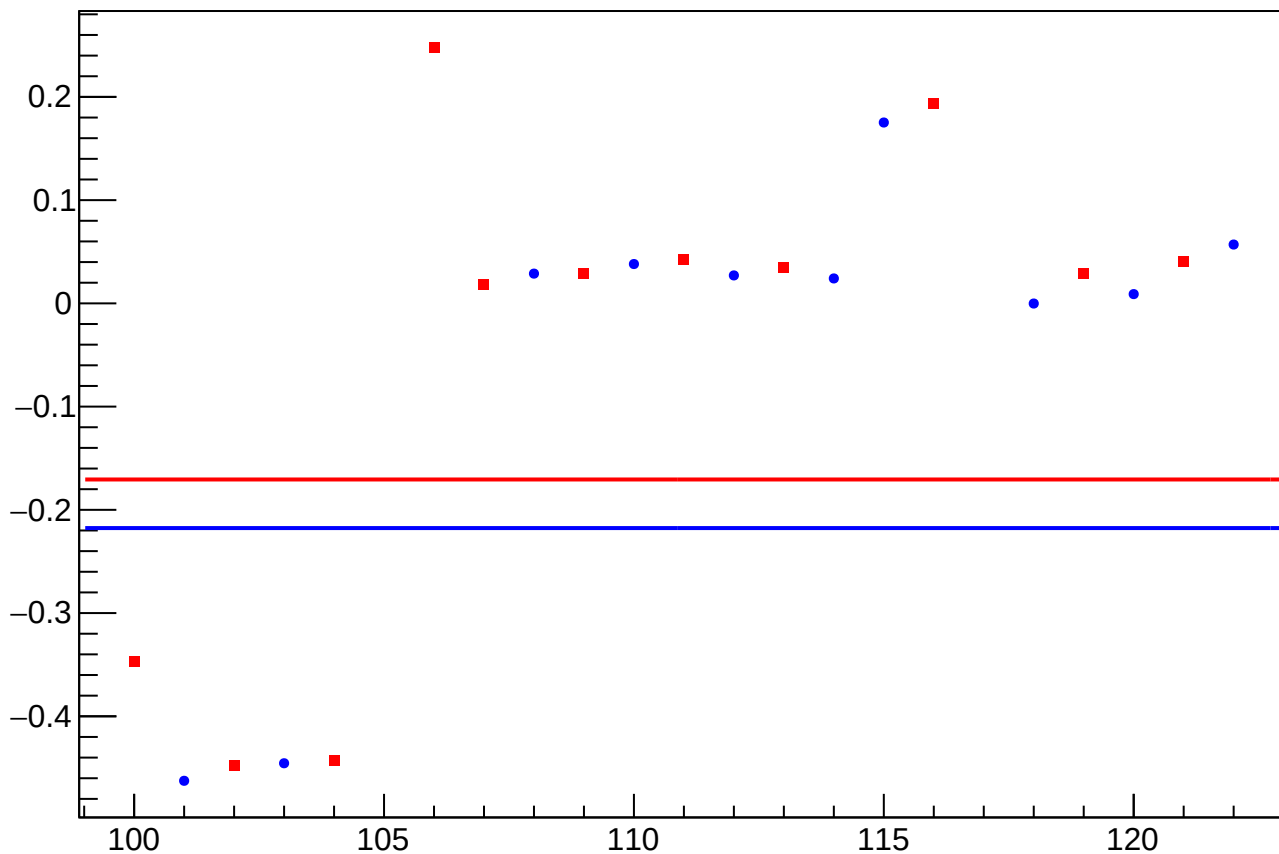
Right: 0.010+/-0.000 χ^2/NDF : 261722.5/20

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 : 261722.5/20

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: -0.171+/-0.000 χ^2/NDF : 12798927641.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

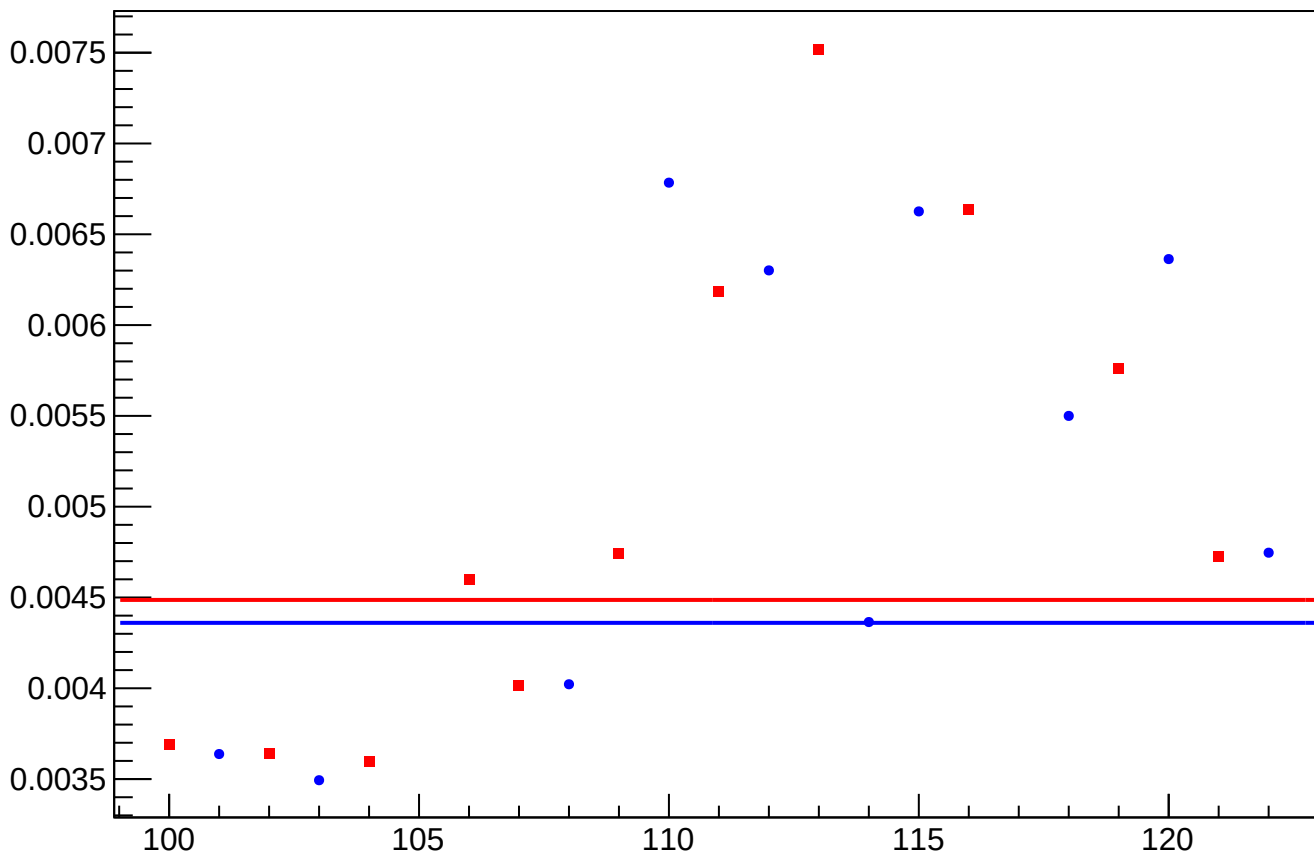
Right: -0.193+/-0.000 χ^2/NDF : 24148482836.3/20

In: -0.218+/-0.000 χ^2/NDF :11137371388.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.193+/-0.000 χ^2/NDF : 24148482836.3/20

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: 0.004+/-0.000 χ^2/NDF : 452271.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

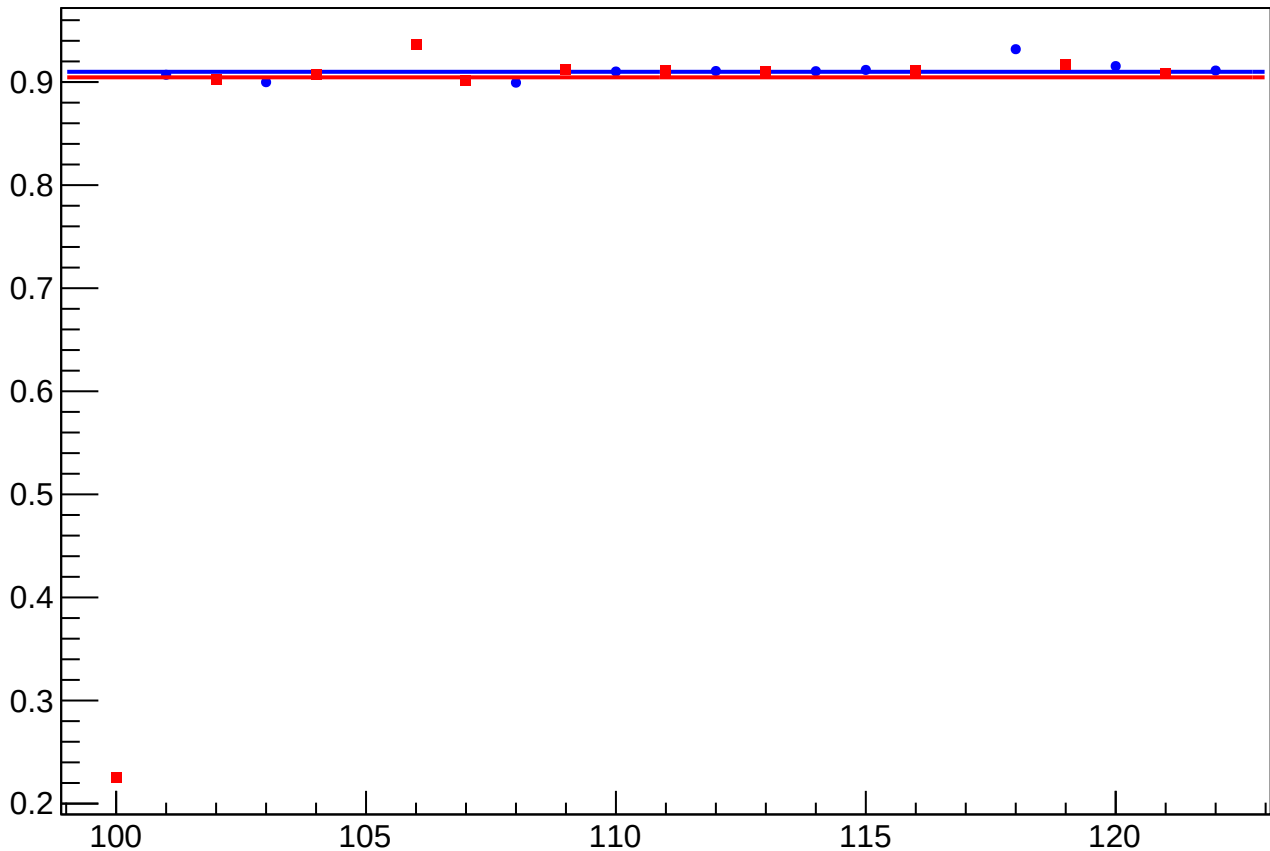
Right: 0.004+/-0.000 χ^2/NDF : 888269.2/20

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 : 888269.2/20

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.910+/-0.000 χ^2/NDF : 2394601.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.905+/-0.000 χ^2/NDF : 217671726.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

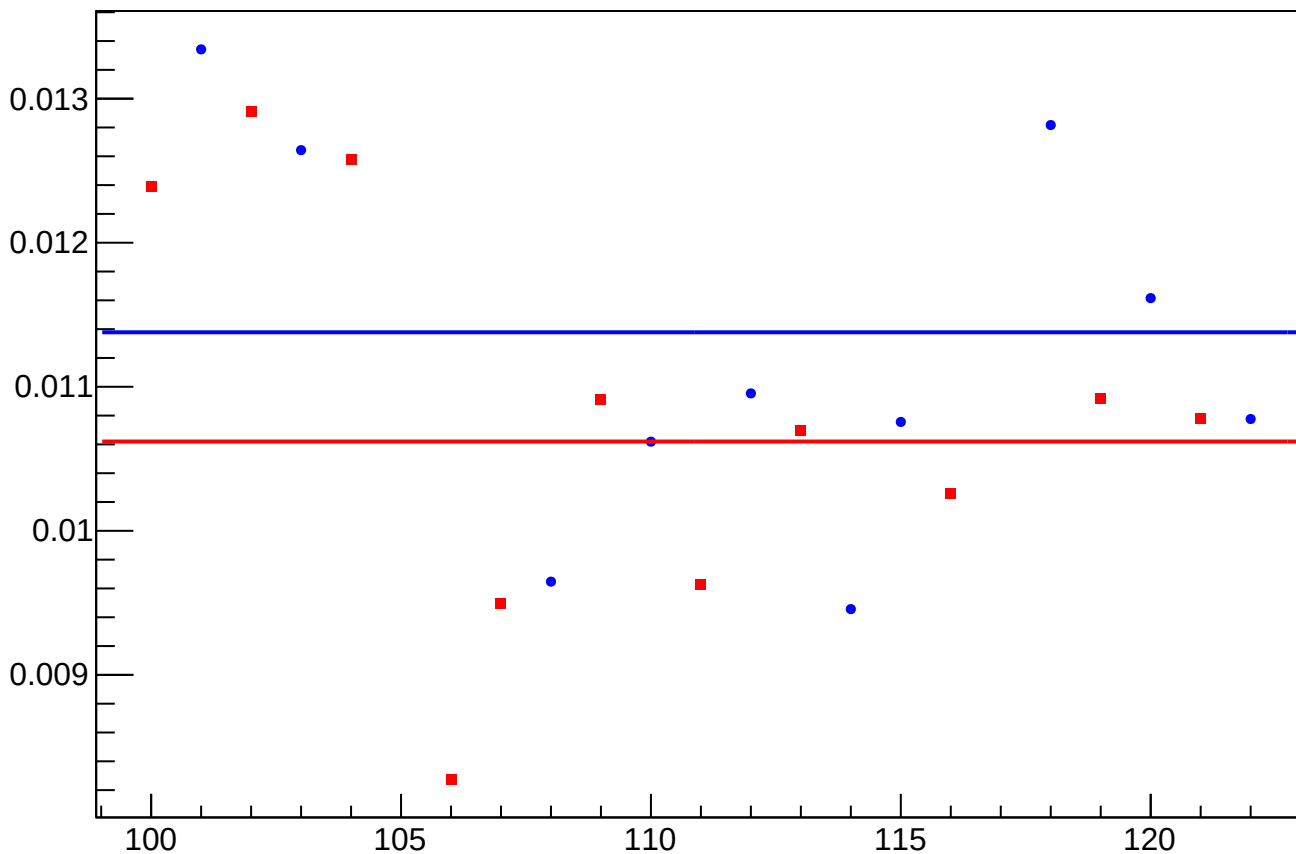
Right: 0.907+/-0.000 χ^2/NDF : 220553884.5/20

In: 0.910+/-0.000 χ^2/NDF : 2394601.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.907+/-0.000 χ^2/NDF : 220553884.5/20

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 : 135170.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

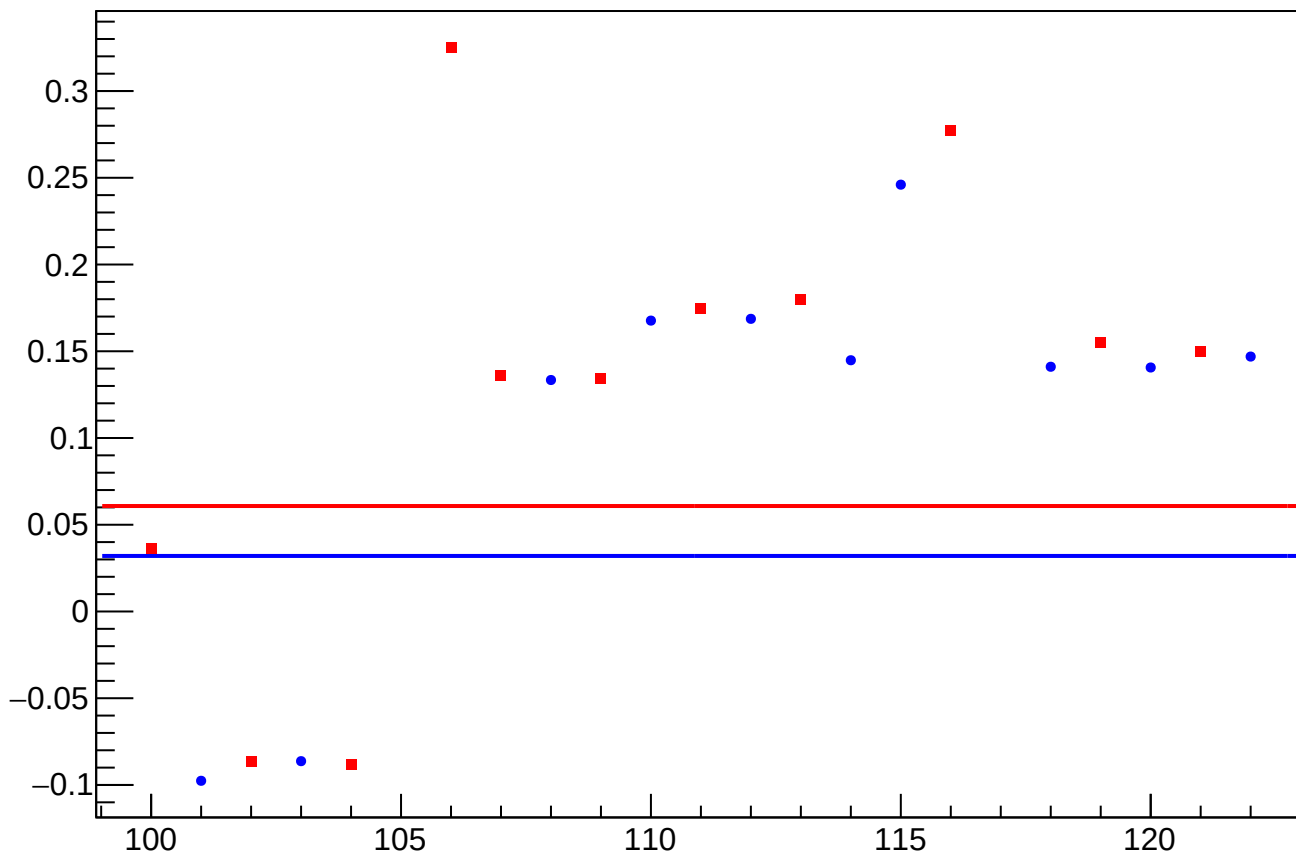
Right: 0.011+/-0.000 χ^2/NDF : 249284.4/20

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 : 249284.4/20

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

Right: 0.047+/-0.000

χ^2/NDF : 5484747125.6/20

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.032+/-0.000

χ^2/NDF : 2369127186.4/9

Right Out: 0.061+/-0.000

χ^2/NDF : 3046350413.4/10

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

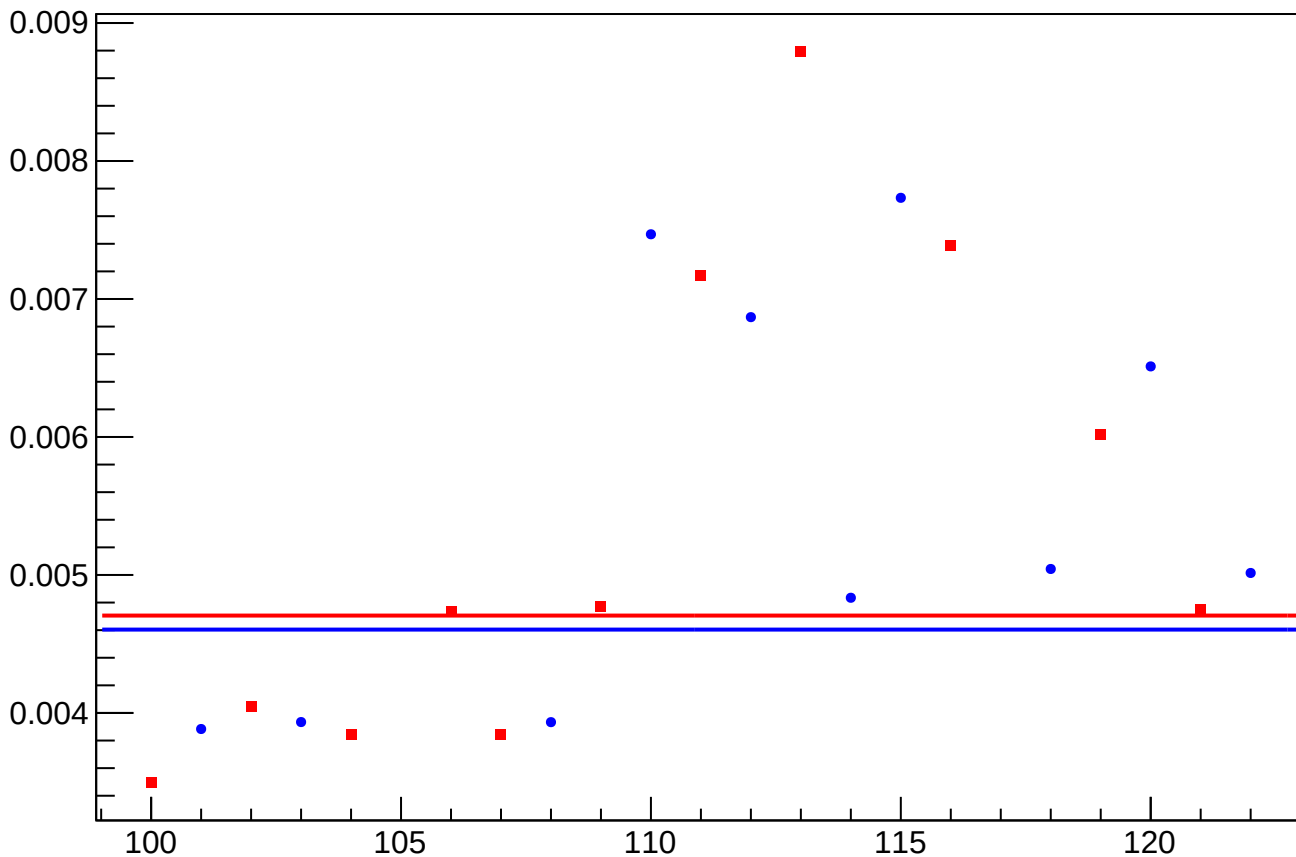
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.047+/-0.000

χ^2/NDF : 5484747125.6/20

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 : 509598.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

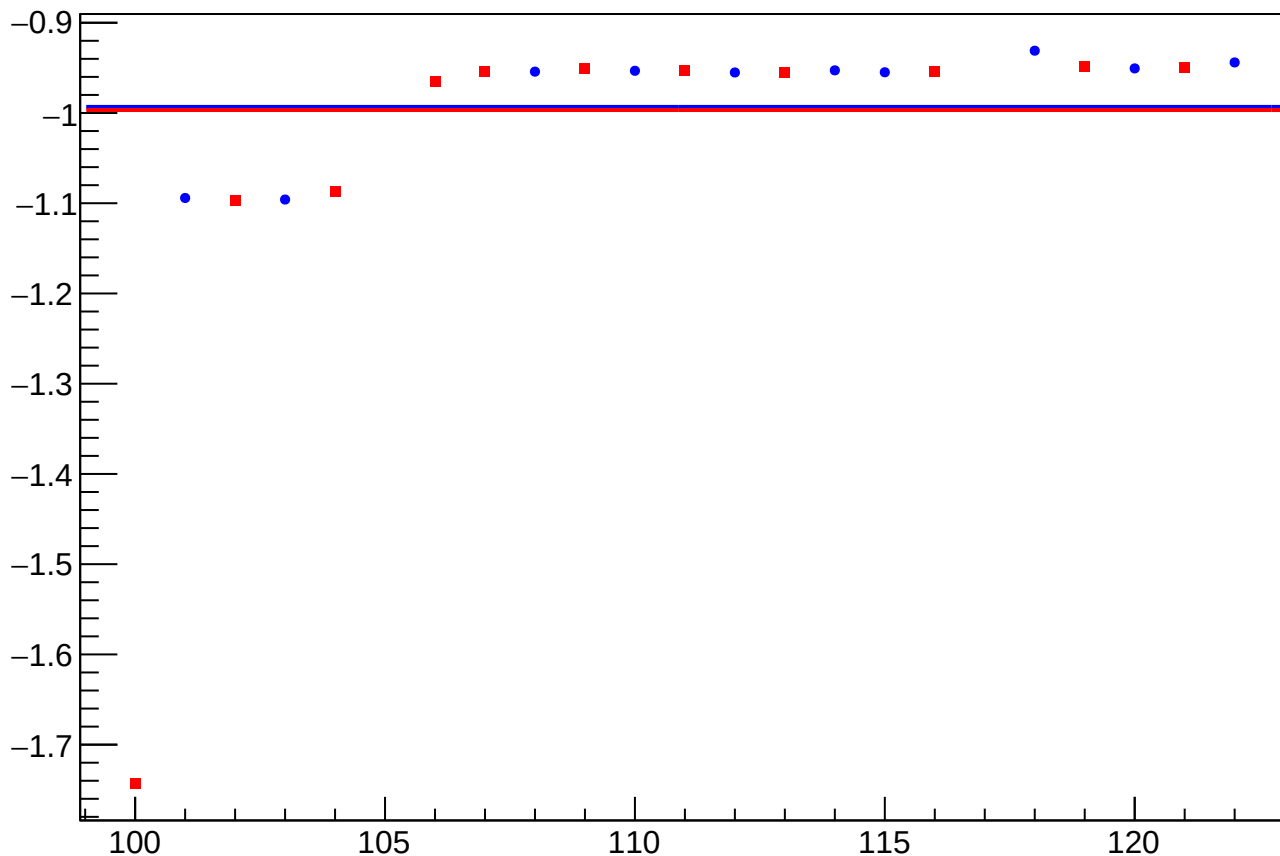
Right: 0.005+/-0.000 χ^2/NDF : 901713.7/20

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 : 901713.7/20

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: -0.997+/-0.000 χ^2/NDF : 414062772.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

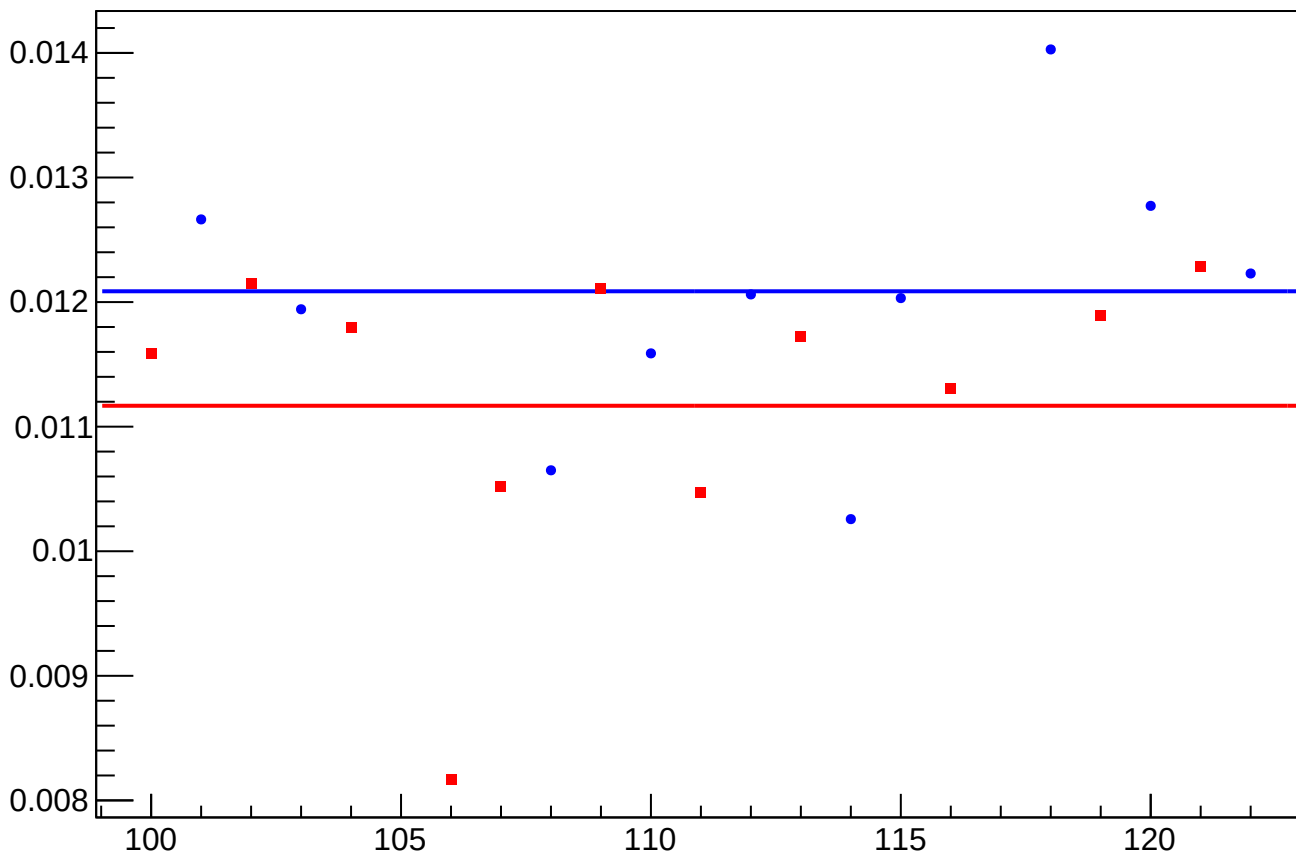
Right: -0.995+/-0.000 χ^2/NDF : 535069531.9/20

In: -0.993+/-0.000 χ^2/NDF :120828357.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.995+/-0.000 χ^2/NDF : 535069531.9/20

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 : 121017.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

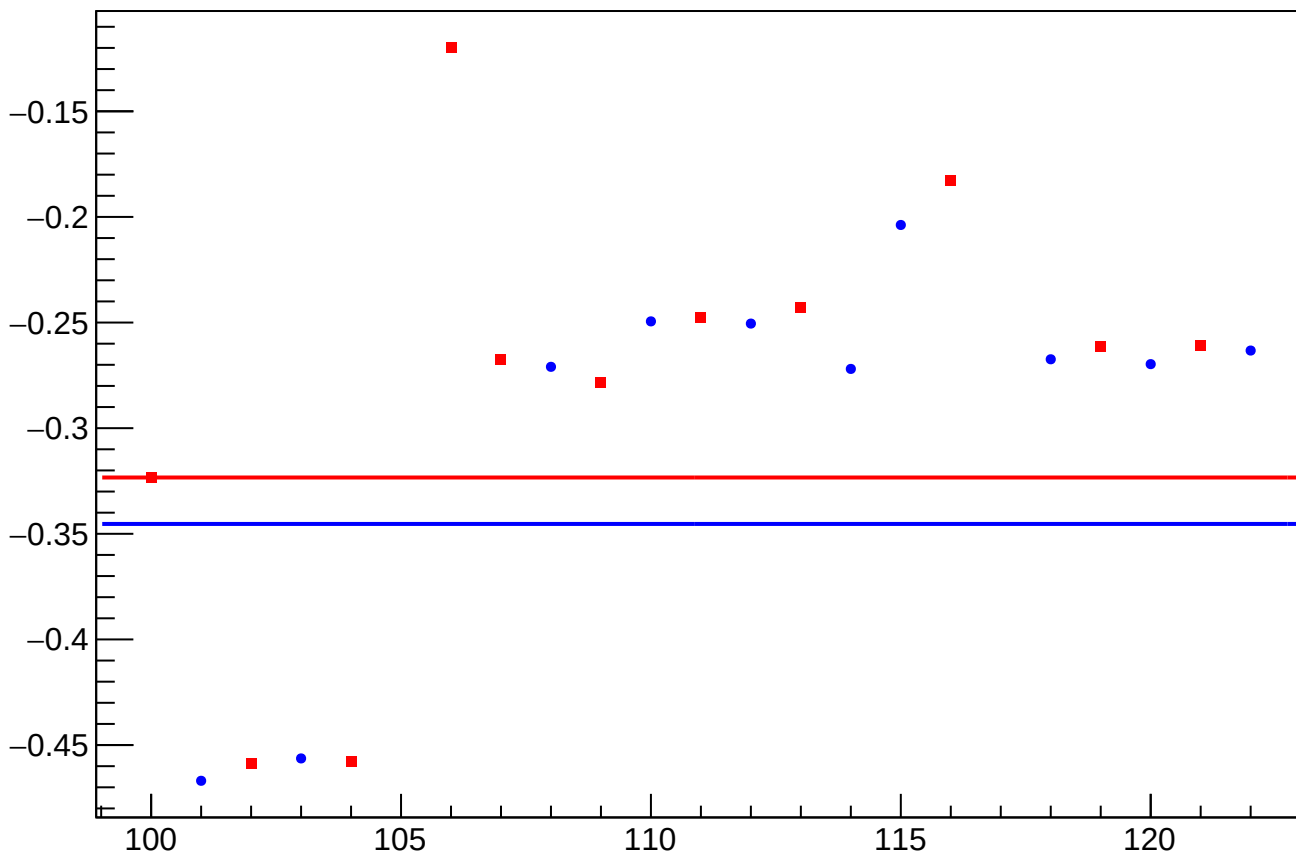
Right: 0.012+/-0.000 χ^2/NDF : 192662.4/20

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 : 192662.4/20

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: -0.323+/-0.000 χ^2/NDF : 2465842008.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

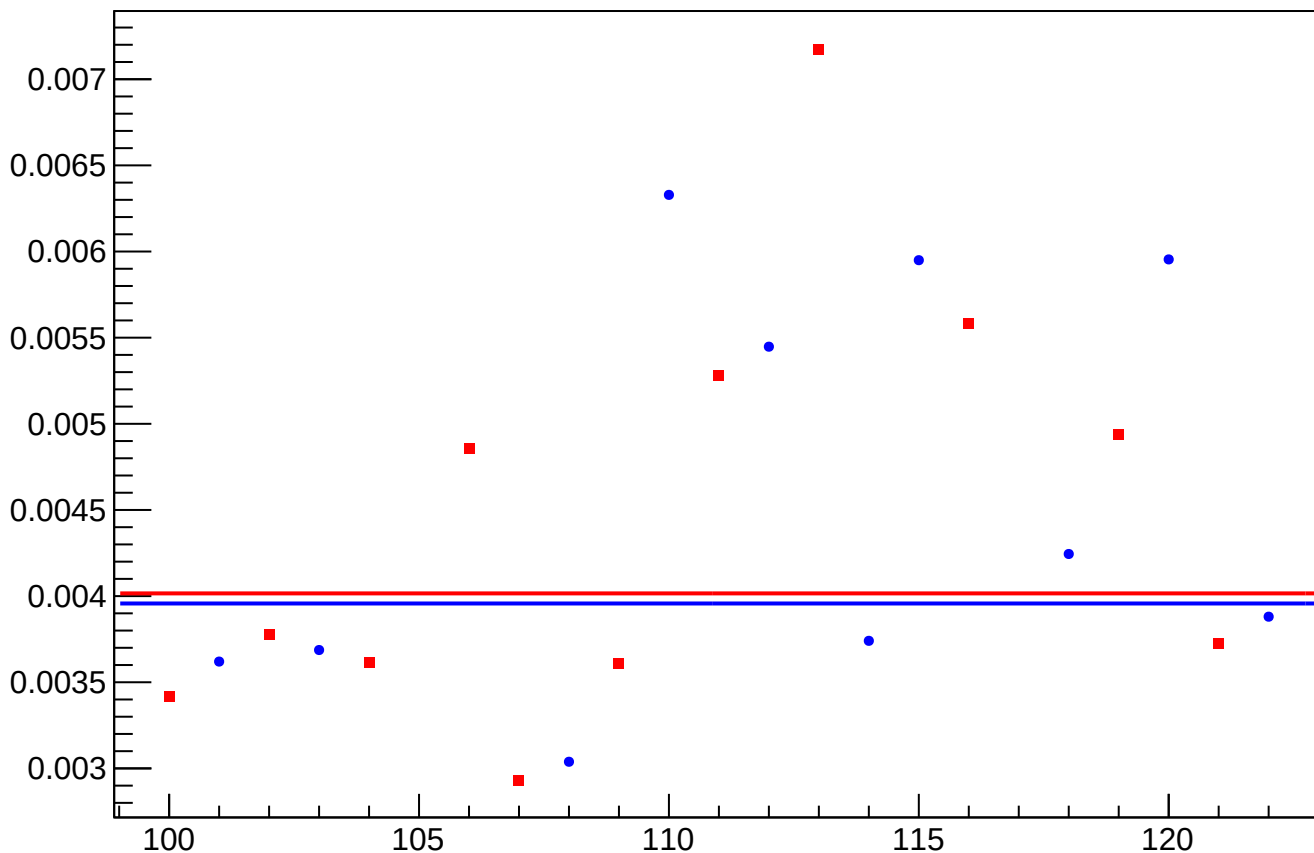
Right: -0.334+/-0.000 χ^2/NDF : 4632870504.3/20

In: -0.345+/-0.000 χ^2/NDF : 2111881302.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.334+/-0.000 χ^2/NDF : 4632870504.3/20

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 : 395485.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

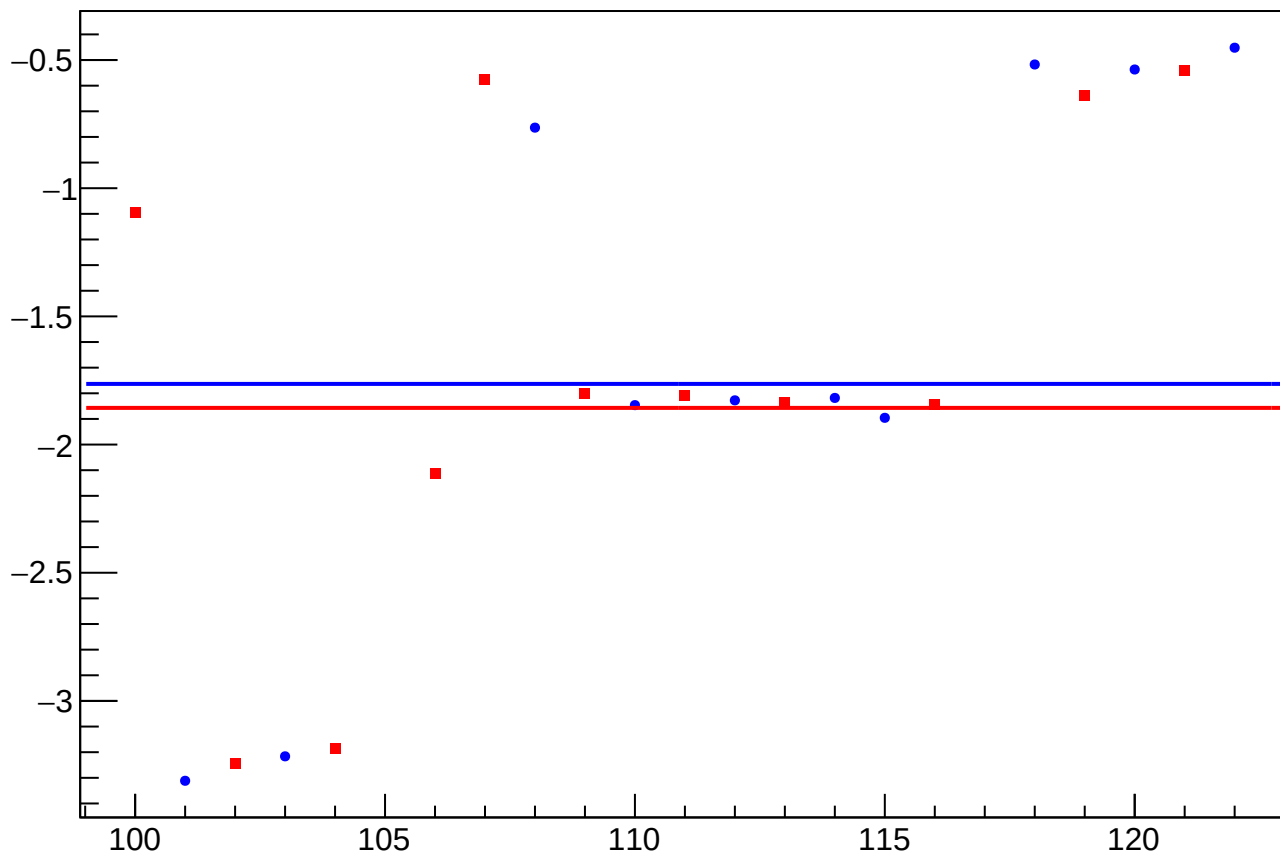
Right: 0.004+/-0.000 χ^2/NDF : 737236.2/20

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 : 737236.2/20

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: -1.857+/-0.000 χ^2/NDF : 771005413.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

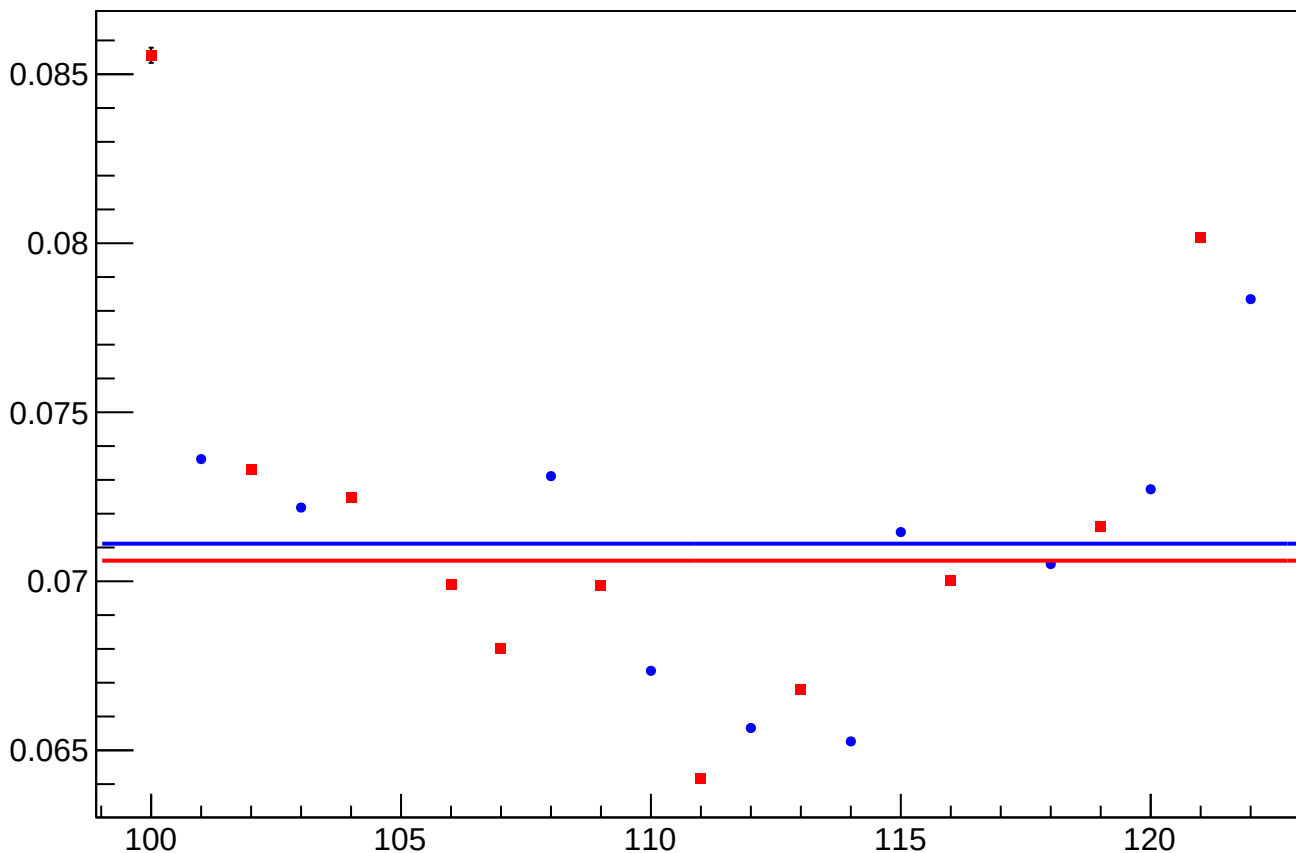
Right: -1.813+/-0.000 χ^2/NDF : 1758156427.7/20

In: -1.763+/-0.000 χ^2/NDF :983458494.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.813+/-0.000 χ^2/NDF : 1758156427.7/2

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 : 31860.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

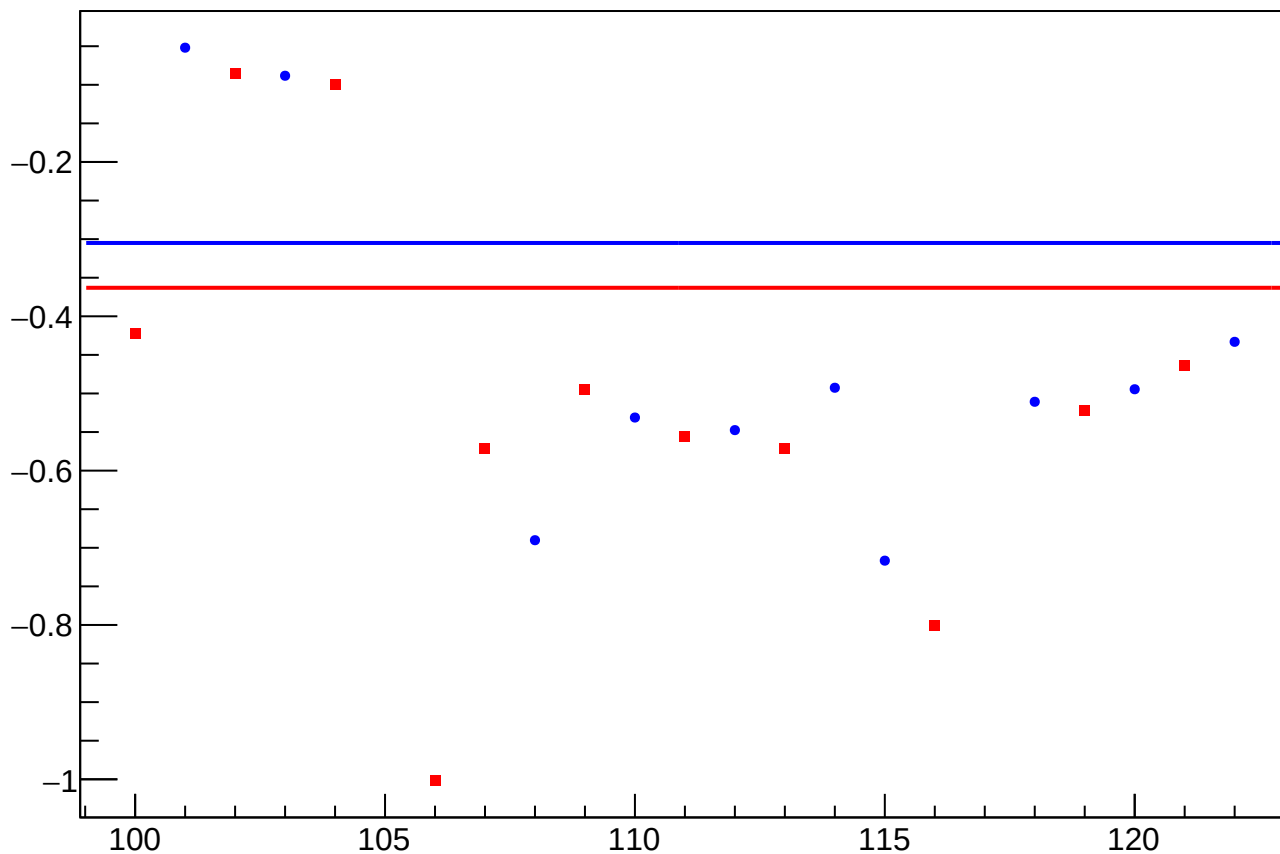
Right: 0.071+/-0.000 χ^2/NDF : 52797.4/20

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 : 52797.4/20

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: -0.363+/-0.000 χ^2/NDF : 2475978142.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

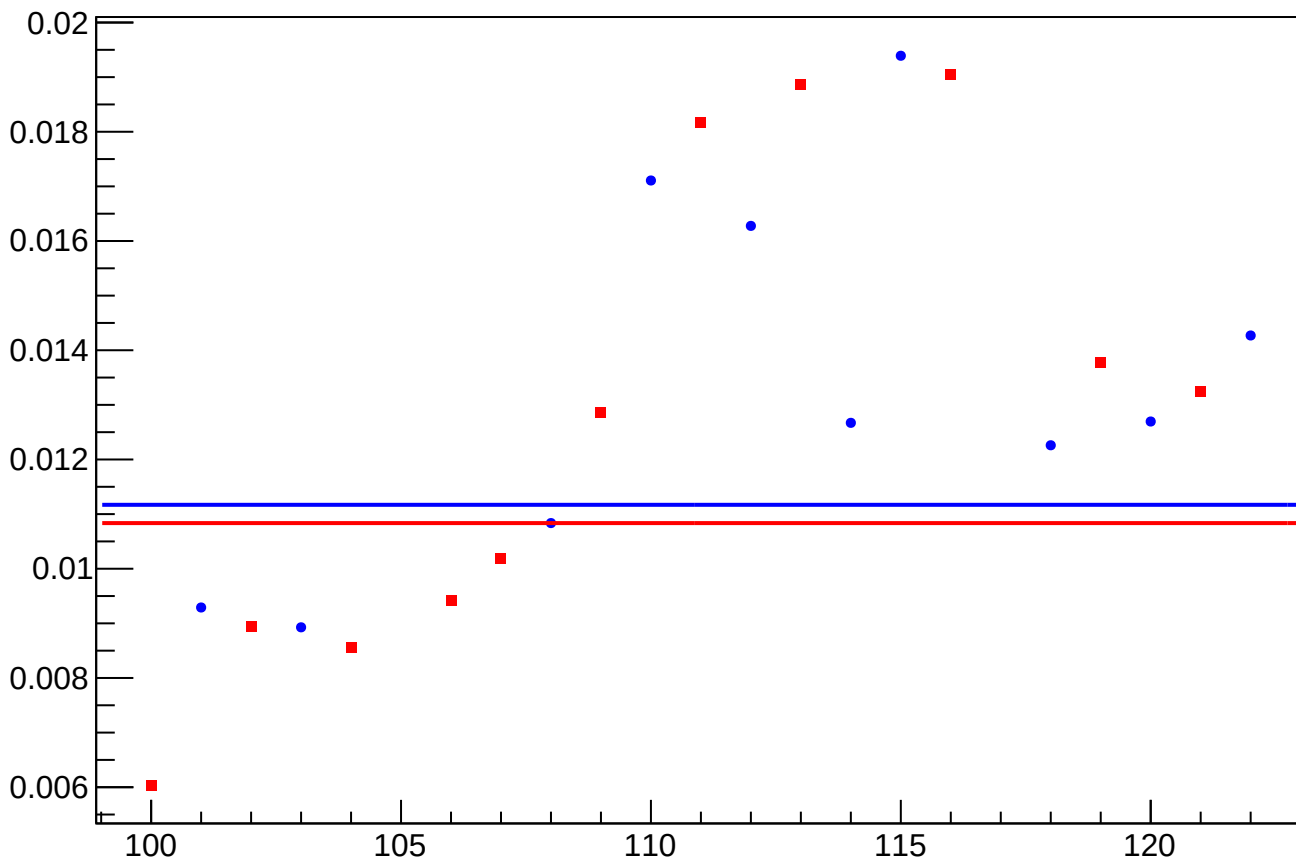
Right: -0.336+/-0.000 χ^2/NDF : 4280818984.0/20

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 : 4280818984.0/20

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 : 707012.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

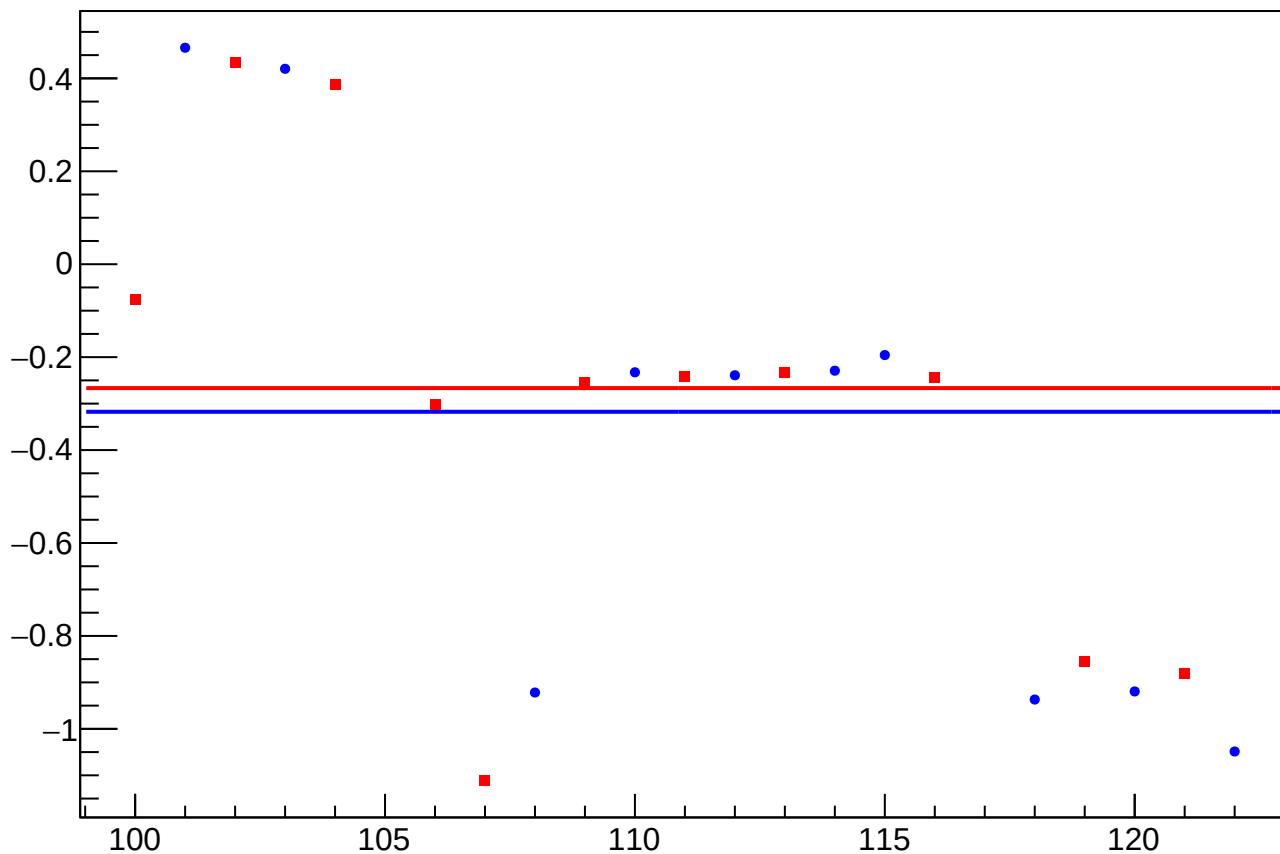
Right: 0.011+/-0.000 χ^2/NDF : 1100945.6/20

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 : 1100945.6/20

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: -0.267+/-0.000 χ^2/NDF : 135301863.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

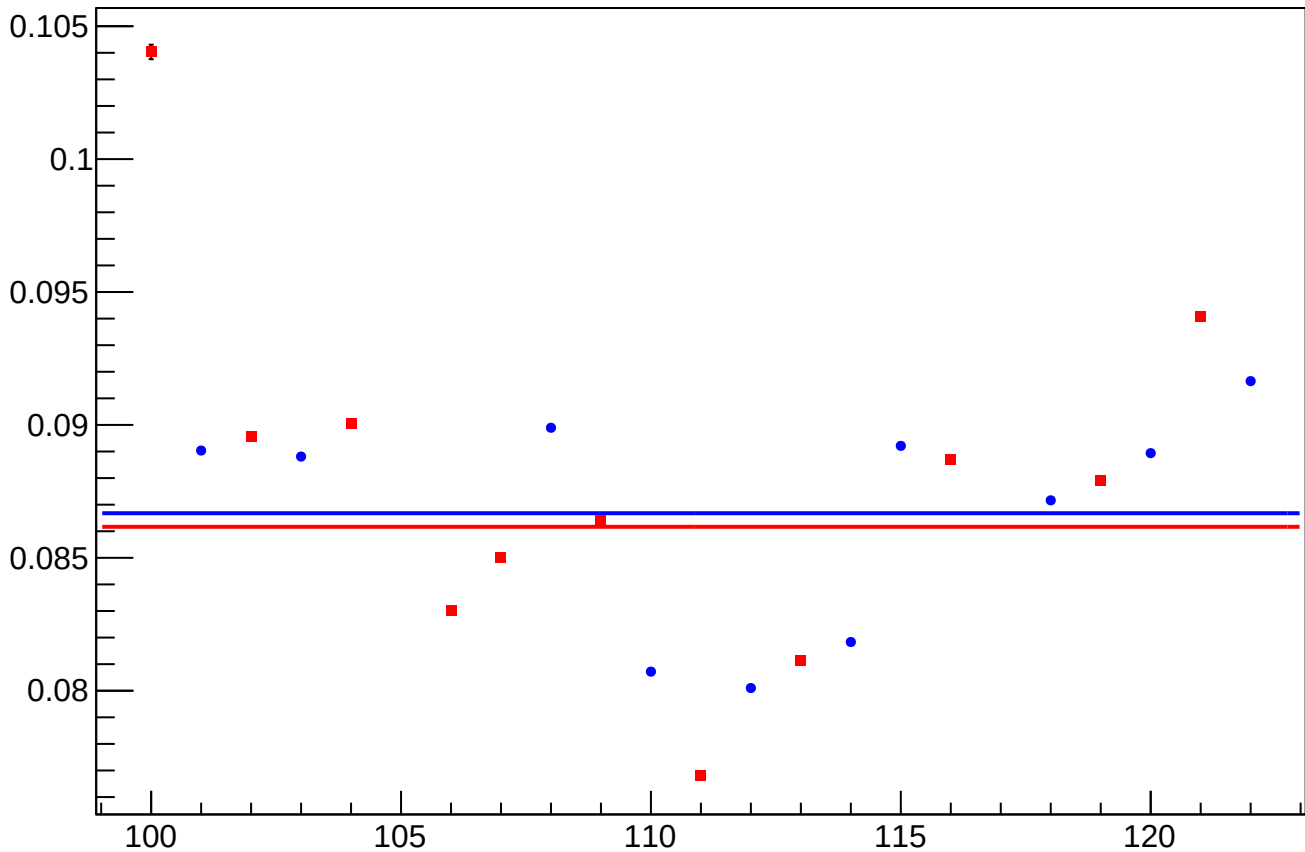
Right: -0.291+/-0.000 χ^2/NDF : 316760632.9/20

In: -0.318+/-0.000 χ^2/NDF :180713679.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.291+/-0.000 χ^2/NDF : 316760632.9/20

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 : 32933.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

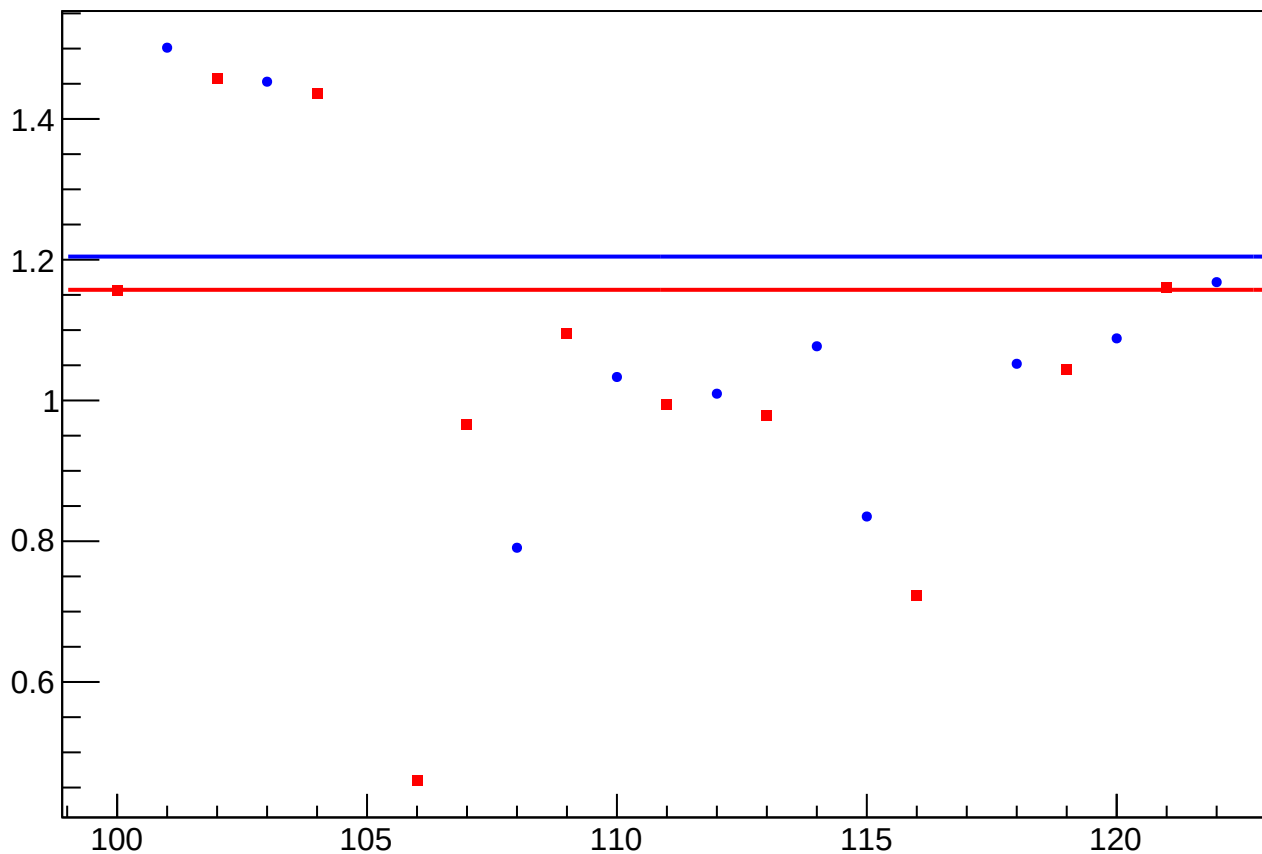
Right: 0.086+/-0.000 χ^2/NDF : 50467.9/20

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 : 50467.9/20

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.204+/-0.000

χ^2/NDF : 1053076525.3/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.180+/-0.000

χ^2/NDF : 2475673525.0/20

Right Out: 1.157+/-0.000

χ^2/NDF : 1403438872.4/10

In: 1.204+/-0.000

χ^2/NDF : 1053076525.3/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

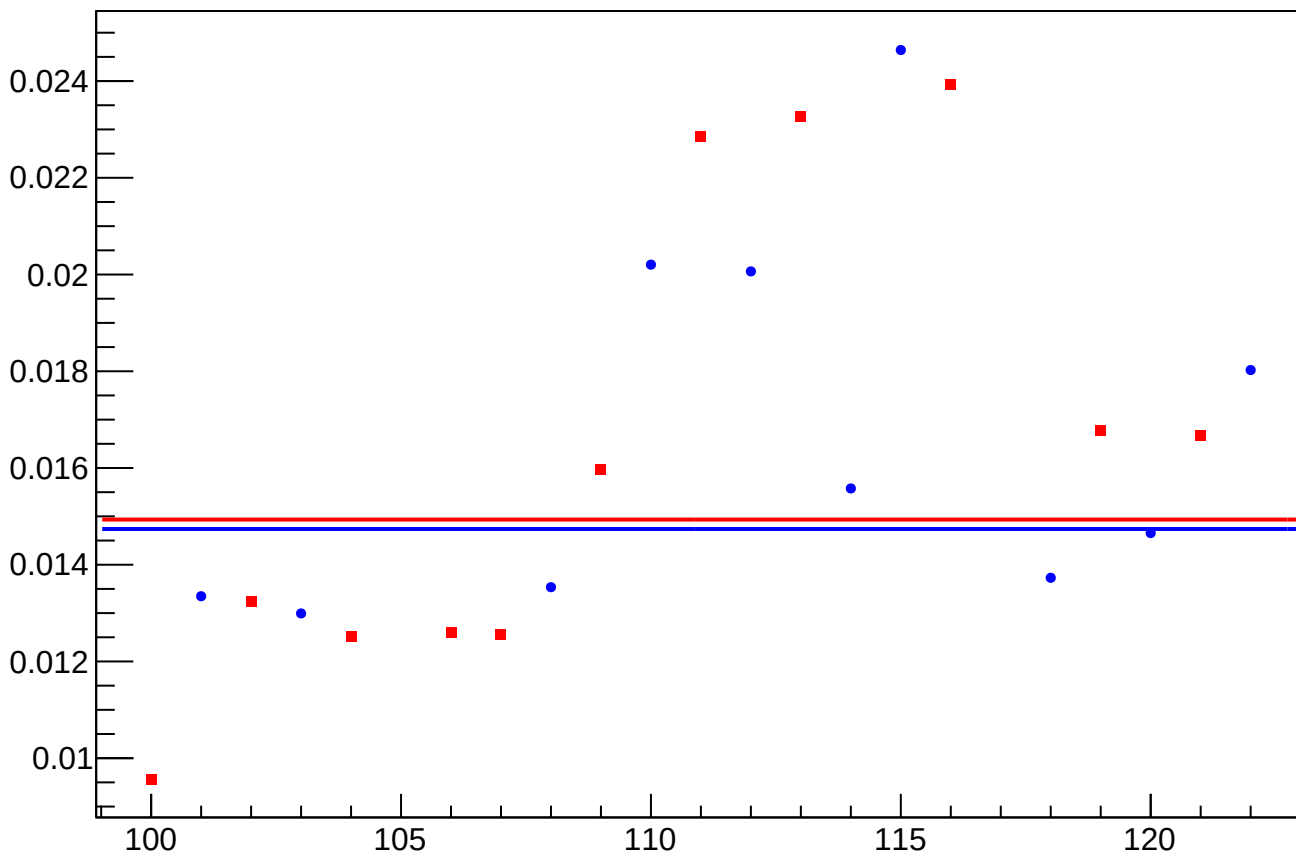
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.180+/-0.000

χ^2/NDF : 2475673525.0/20

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 : 432456.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

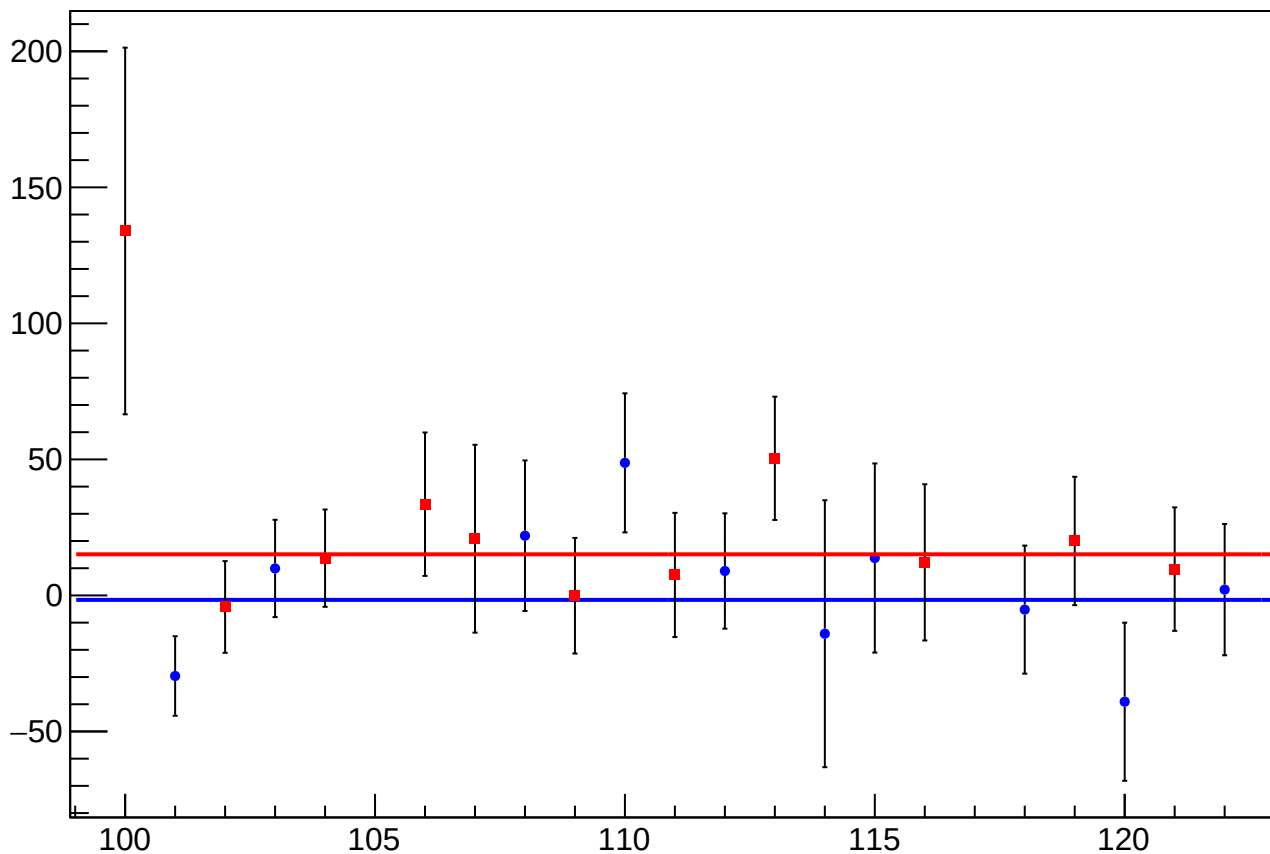
Right: 0.015+/-0.000 χ^2/NDF : 652749.1/20

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 : 652749.1/20

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: 15.113+/-7.040 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

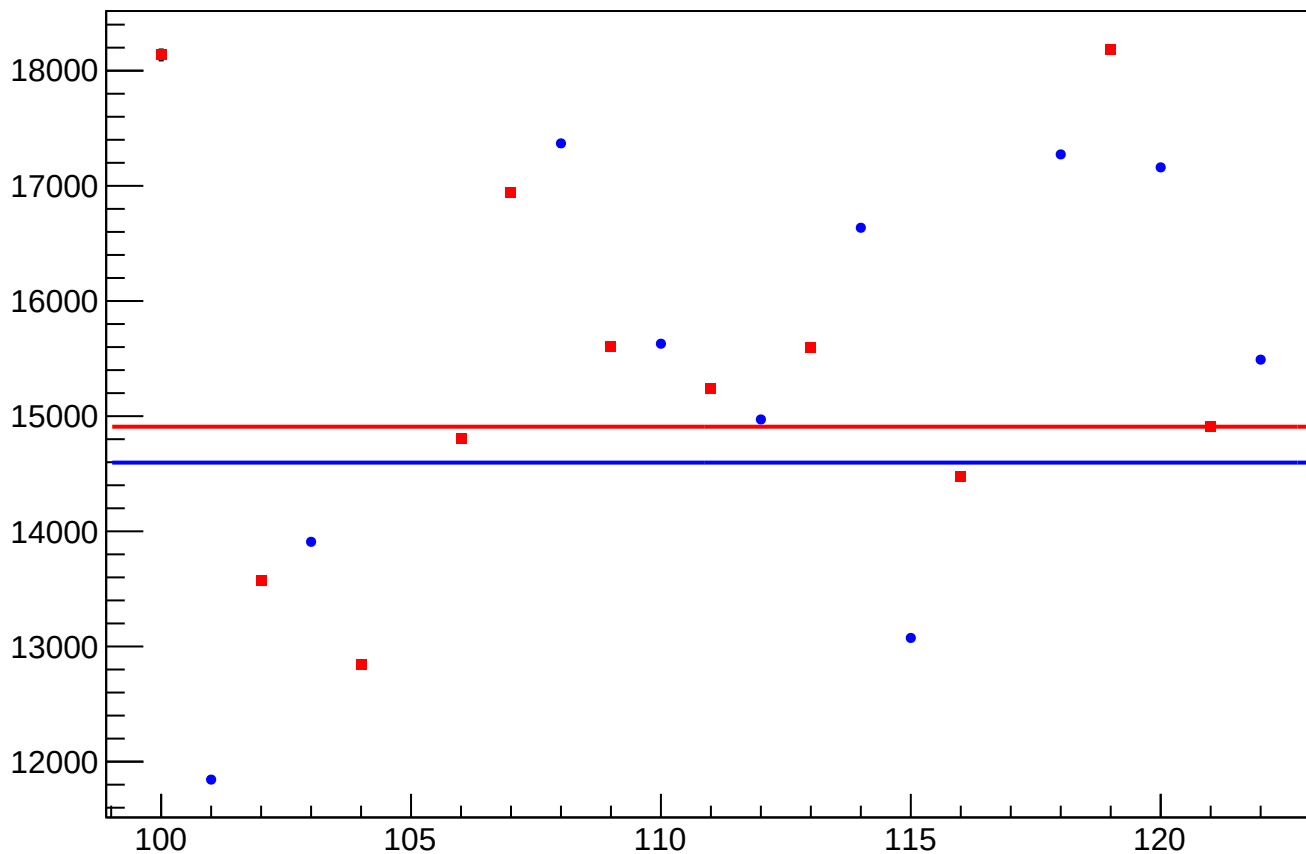
Right: 7.032+/-5.064 χ^2/NDF : 21.7/20

In: -1.635+/-7.290 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.032+/-5.064 χ^2/NDF : 21.7/20

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: 14908.466+/-4.978 χ^2/NDF : 94120.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

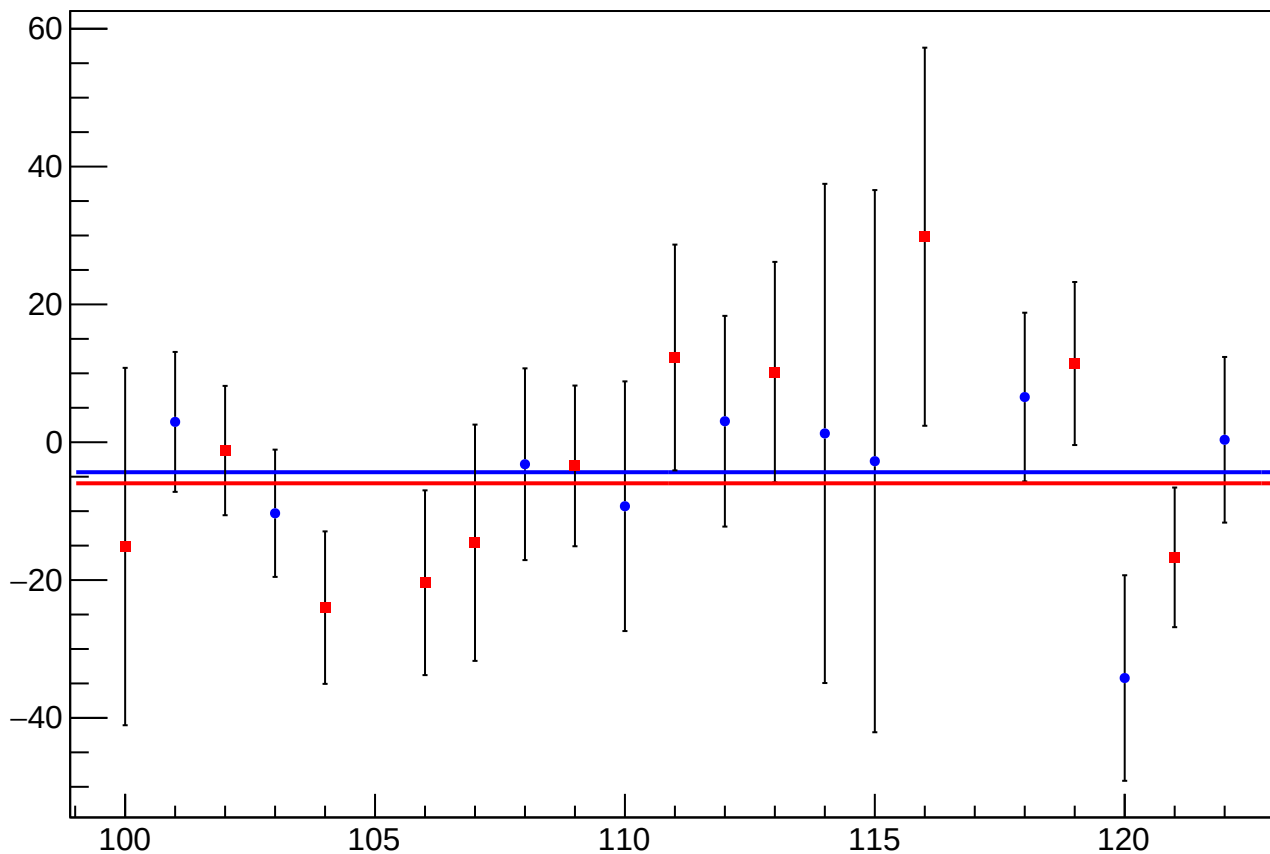
Right: 14758.056+/-3.581 χ^2/NDF : 245270.6/20

In: 14596.745+/-5.155 χ^2/NDF : 149257.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14758.056+/-3.581 χ^2/NDF : 245270.6/20

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: -5.958 ± 3.978 χ^2/NDF : 11.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

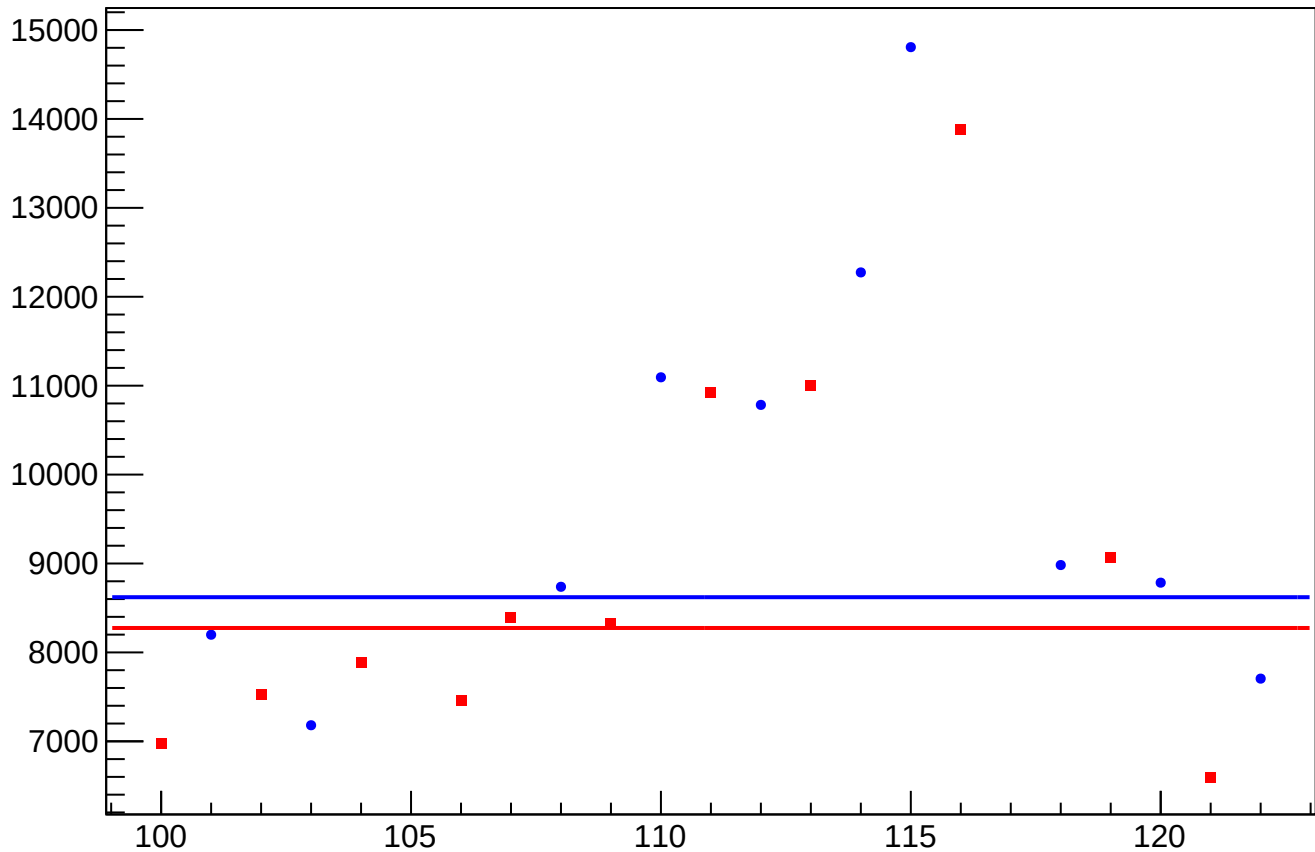
Right: -5.221 ± 2.928 χ^2/NDF : 18.1/20

In: -4.349 ± 4.326 χ^2/NDF : 6.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.221 ± 2.928 χ^2/NDF : 18.1/20

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: 8274.715+/-2.813 χ^2/NDF : 284965.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

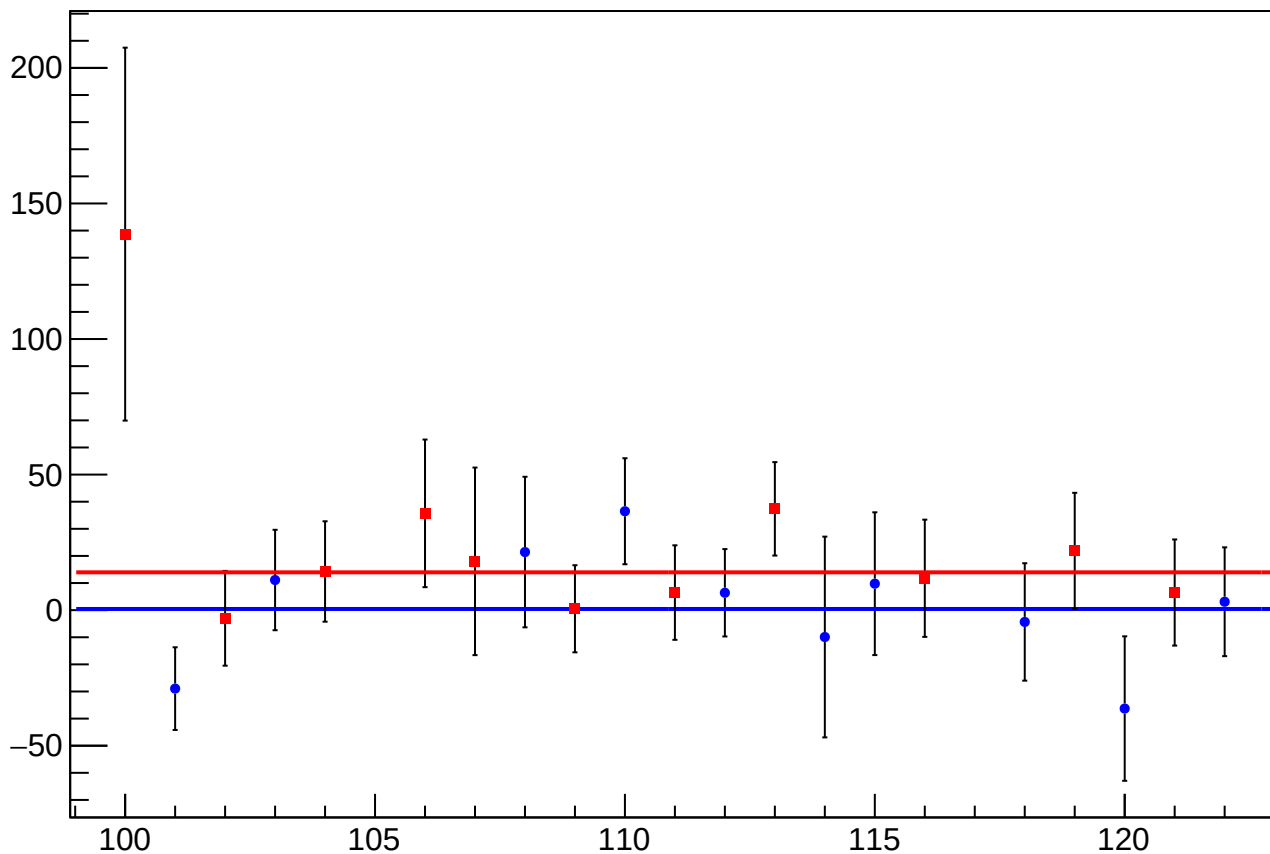
Right: 8433.337+/-2.071 χ^2/NDF : 504862.8/20

In: 8620.949+/-3.059 χ^2/NDF : 212956.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8433.337+/-2.071 χ^2/NDF : 504862.8/20

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: 13.951+/-6.195 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

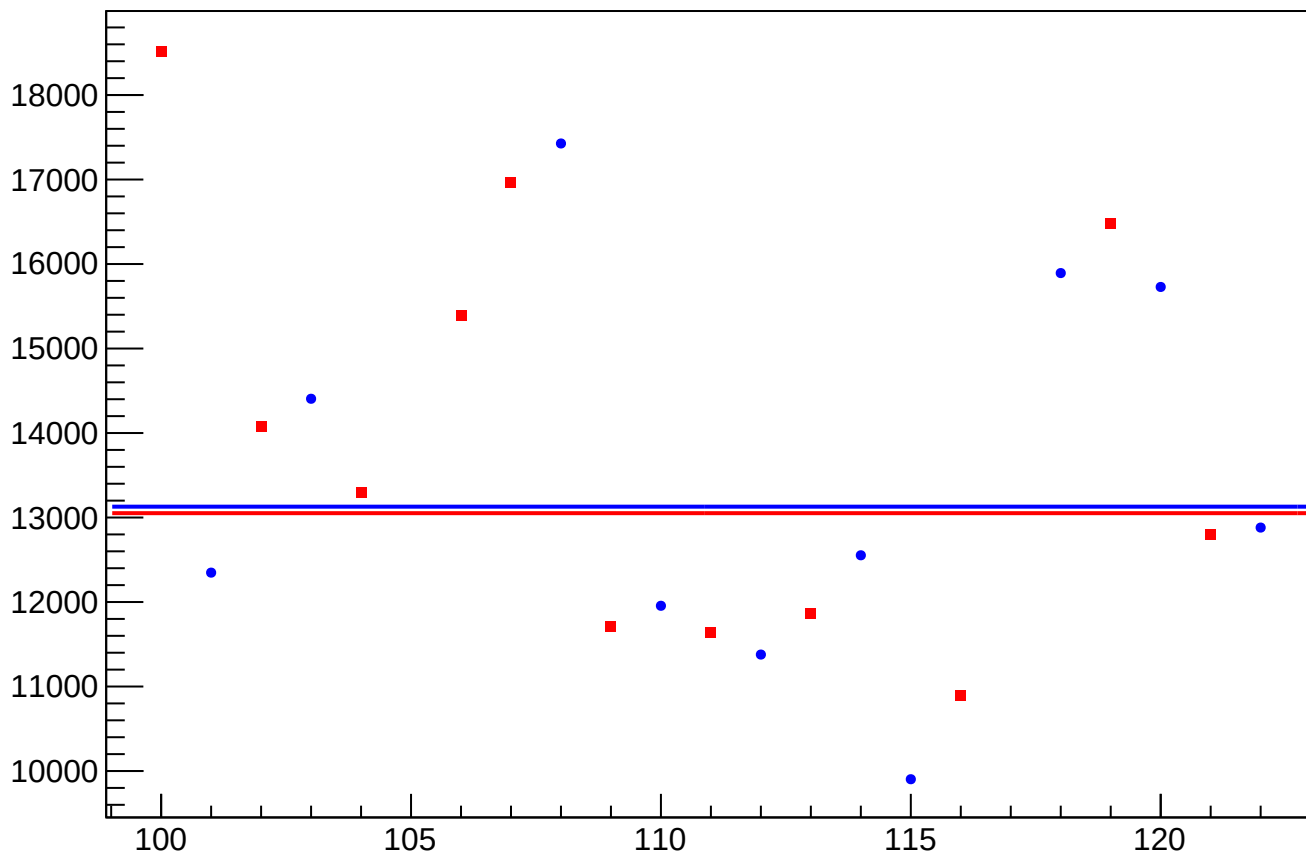
Right: 7.586+/-4.507 χ^2/NDF : 20.5/20

In: 0.431+/-6.568 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.586+/-4.507 χ^2/NDF : 20.5/20

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: 13051.520+/-4.380 χ^2/NDF : 168443.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

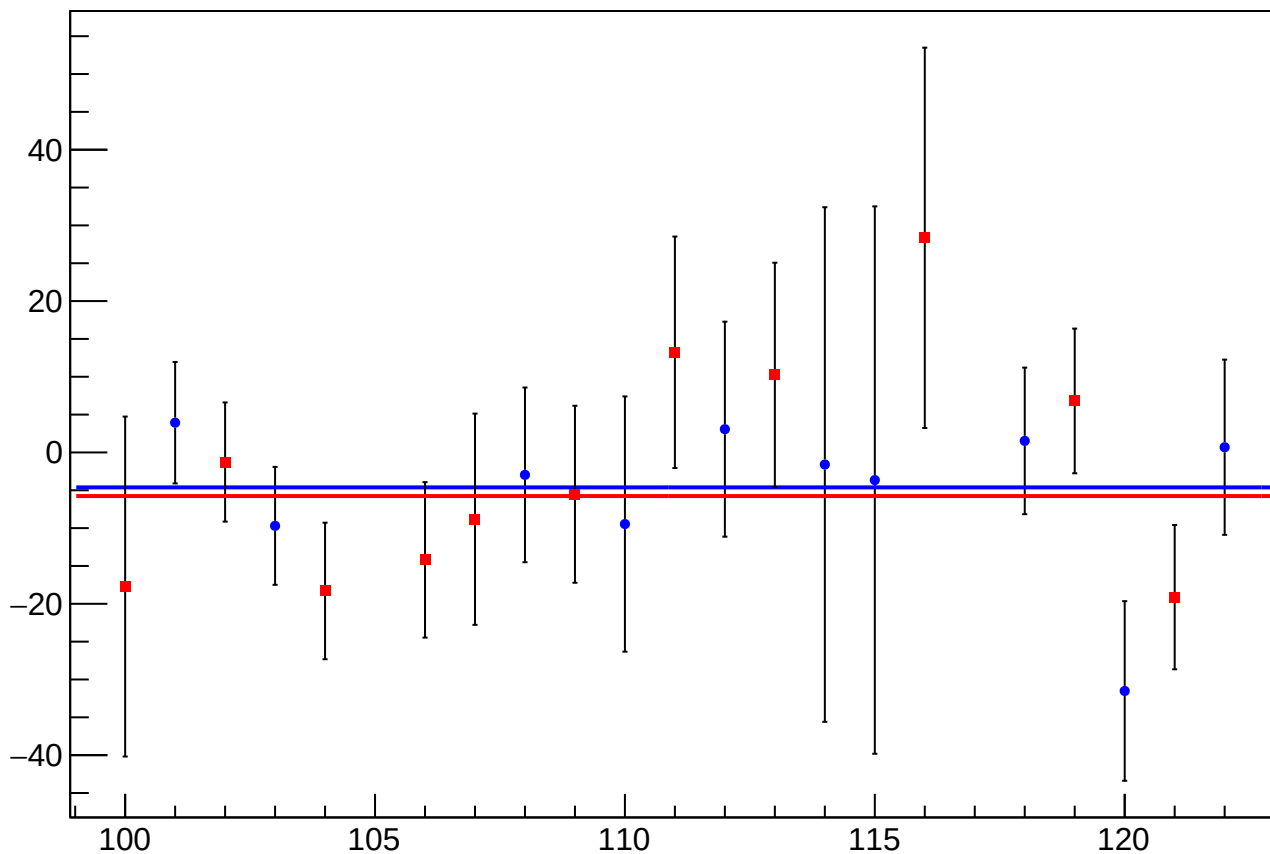
Right: 13087.798+/-3.187 χ^2/NDF : 344529.9/20

In: 13128.582+/-4.644 χ^2/NDF :175941.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13087.798+/-3.187 χ^2/NDF : 344529.9/20

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -4.618 ± 3.656 $\chi^2/\text{NDF}: 7.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.765 ± 3.436 $\chi^2/\text{NDF}: 11.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

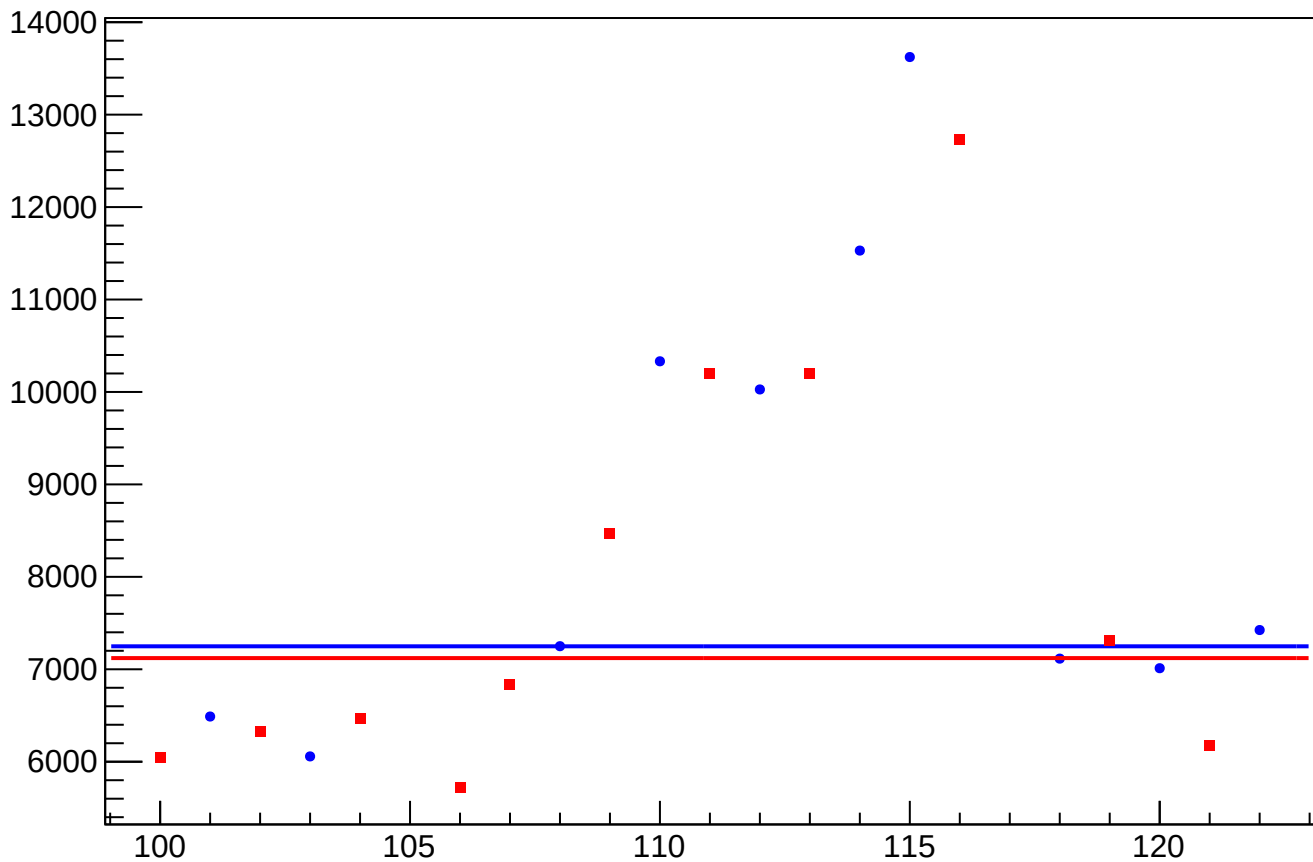
Right: -5.227 ± 2.504 $\chi^2/\text{NDF}: 19.3/20$

In: -4.618 ± 3.656 $\chi^2/\text{NDF}: 7.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.227 ± 2.504 $\chi^2/\text{NDF}: 19.3/20$

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: 7121.083+/-2.430 χ^2/NDF : 386799.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

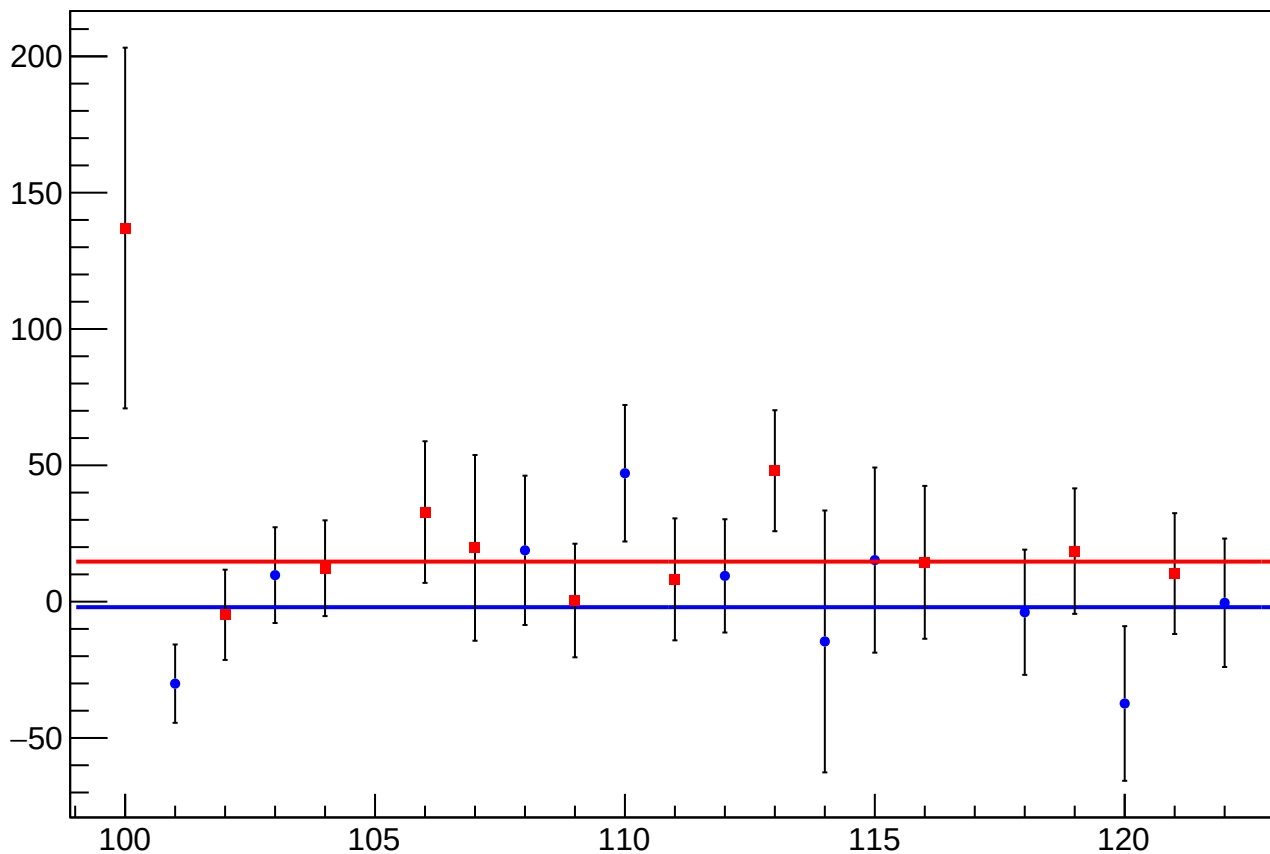
Right: 7180.875+/-1.770 χ^2/NDF : 691631.4/20

In: 7248.541+/-2.585 χ^2/NDF : 303540.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7180.875+/-1.770 χ^2/NDF : 691631.4/20

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: 14.686+/-6.901 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

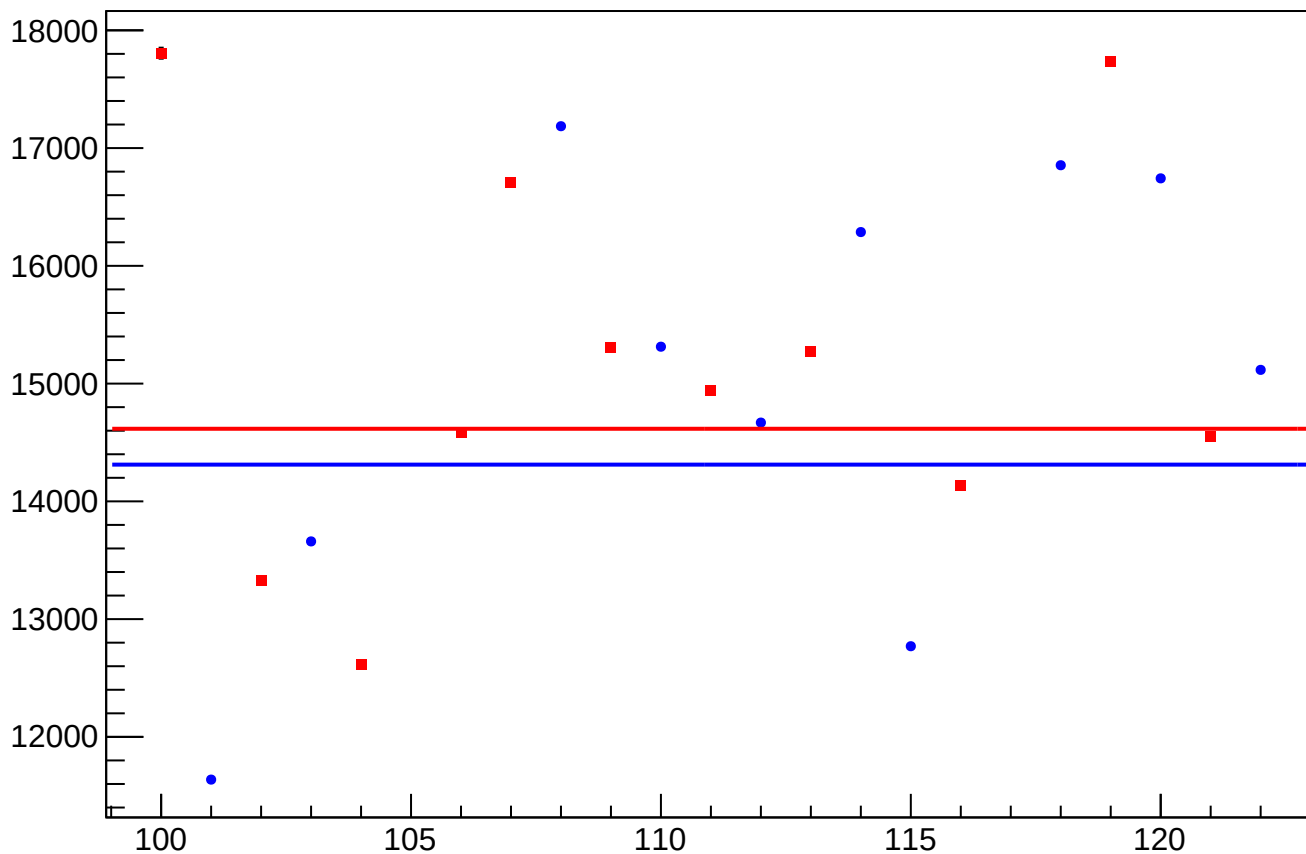
Right: 6.623+/-4.964 χ^2/NDF : 21.9/20

In: -2.025+/-7.147 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.623+/-4.964 χ^2/NDF : 21.9/20

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: 14616.406+/-4.880 χ^2/NDF : 92095.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

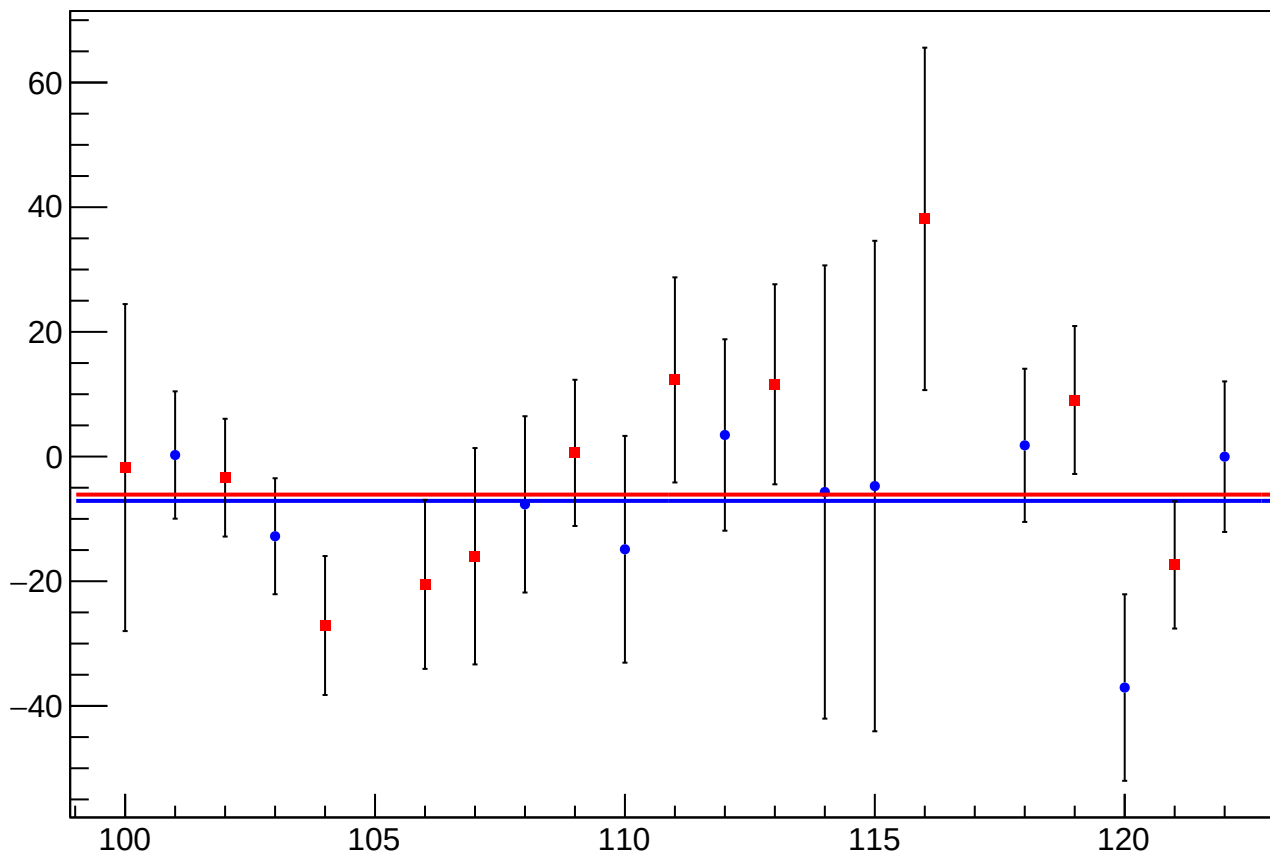
Right: 14469.508+/-3.510 χ^2/NDF : 240922.4/20

In: 14311.952+/-5.054 χ^2/NDF :146948.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14469.508+/-3.510 χ^2/NDF : 240922.4/20

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: -6.103+/-4.005 χ^2/NDF : 13.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

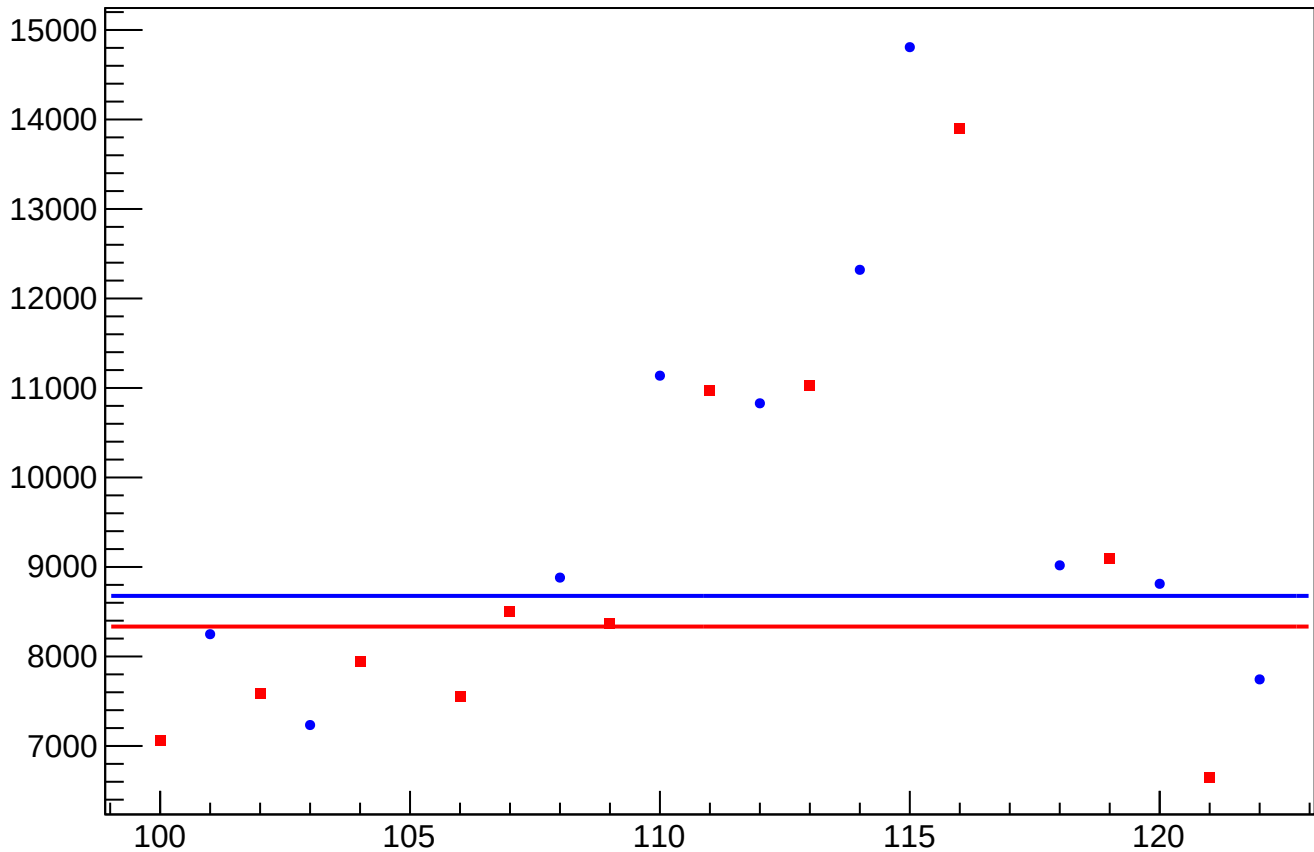
Right: -6.564+/-2.948 χ^2/NDF : 19.8/20

In: -7.110+/-4.354 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.564+/-2.948 χ^2/NDF : 19.8/20

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: 8334.268+/-2.832 χ^2/NDF : 279201.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

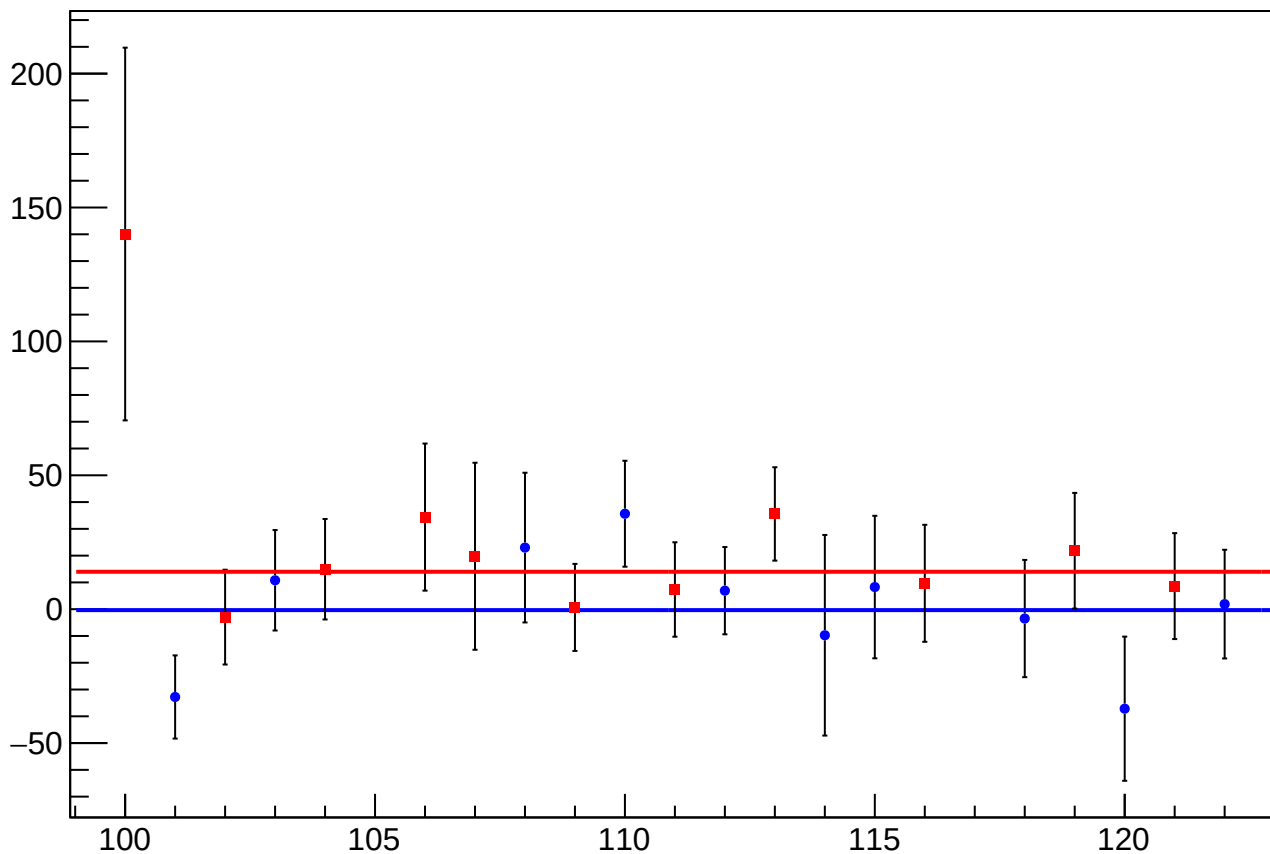
Right: 8491.338+/-2.084 χ^2/NDF : 496158.0/20

In: 8676.934+/-3.078 χ^2/NDF : 210245.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8491.338+/-2.084 χ^2/NDF : 496158.0/20

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.347+/-6.651 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13.976+/-6.266 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

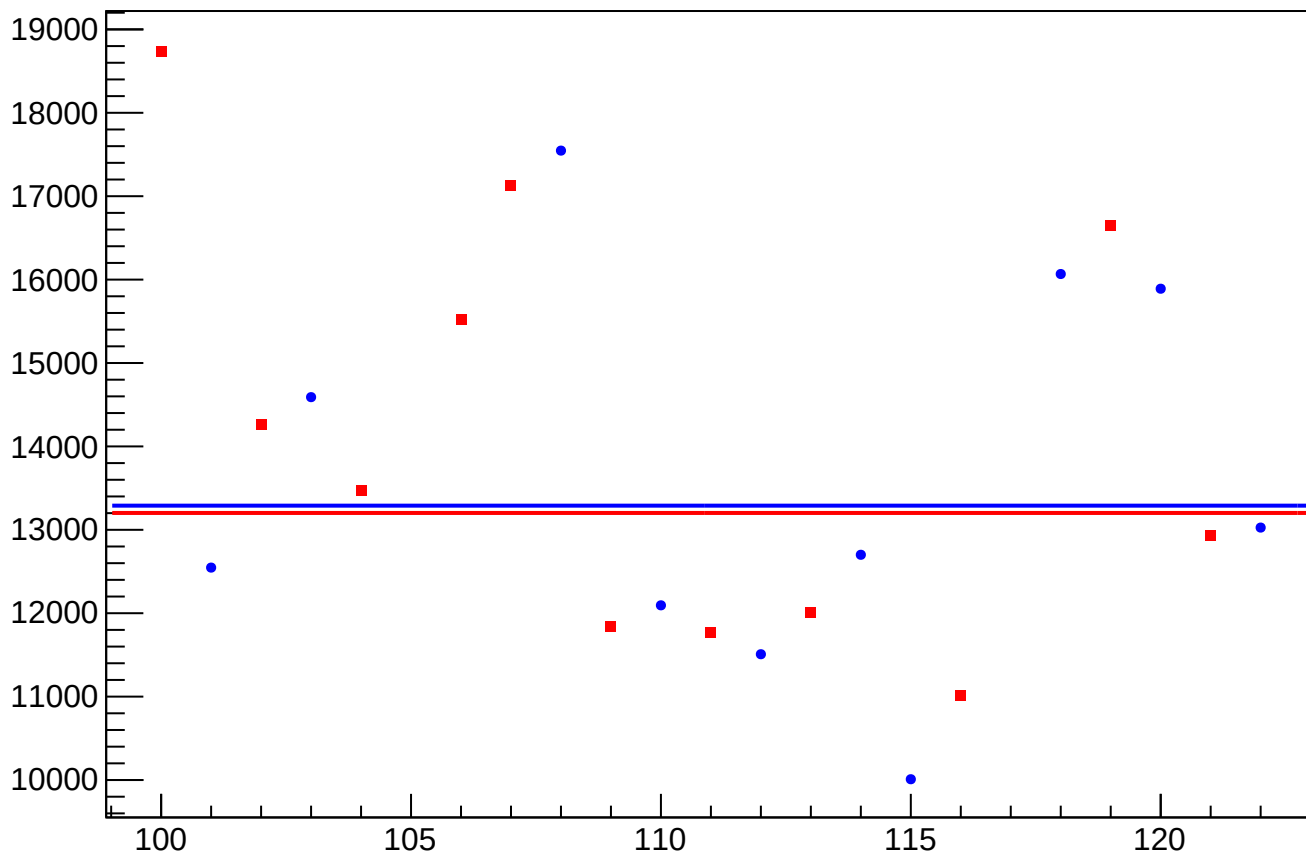
Right: 7.241+/-4.561 χ^2/NDF : 20.8/20

In: -0.347+/-6.651 χ^2/NDF :11.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.241+/-4.561 χ^2/NDF : 20.8/20

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: 13202.151+/-4.431 χ^2/NDF : 167754.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

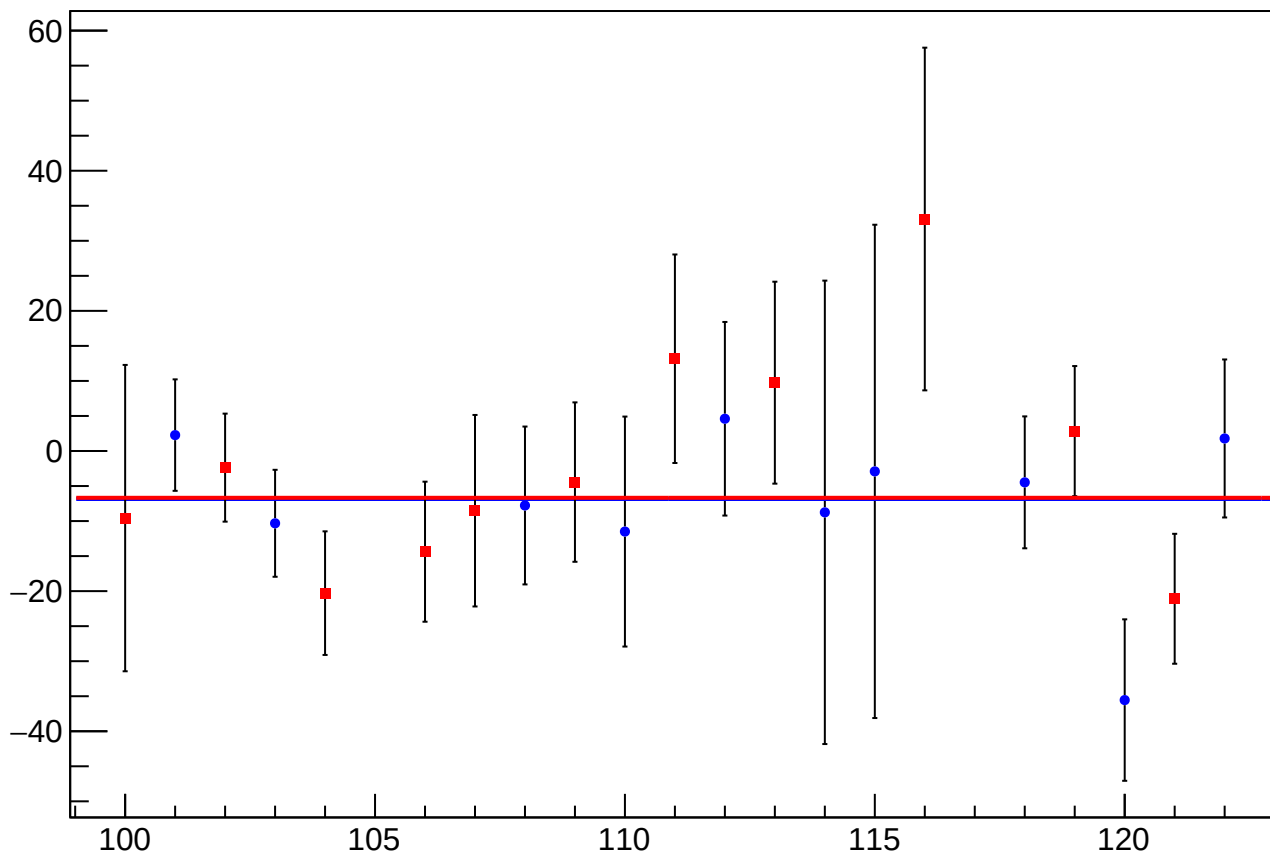
Right: 13243.325+/-3.225 χ^2/NDF : 341789.3/20

In: 13289.714+/-4.703 χ^2/NDF : 173851.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13243.325+/-3.225 χ^2/NDF : 341789.3/20

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: -6.679+/-3.350 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

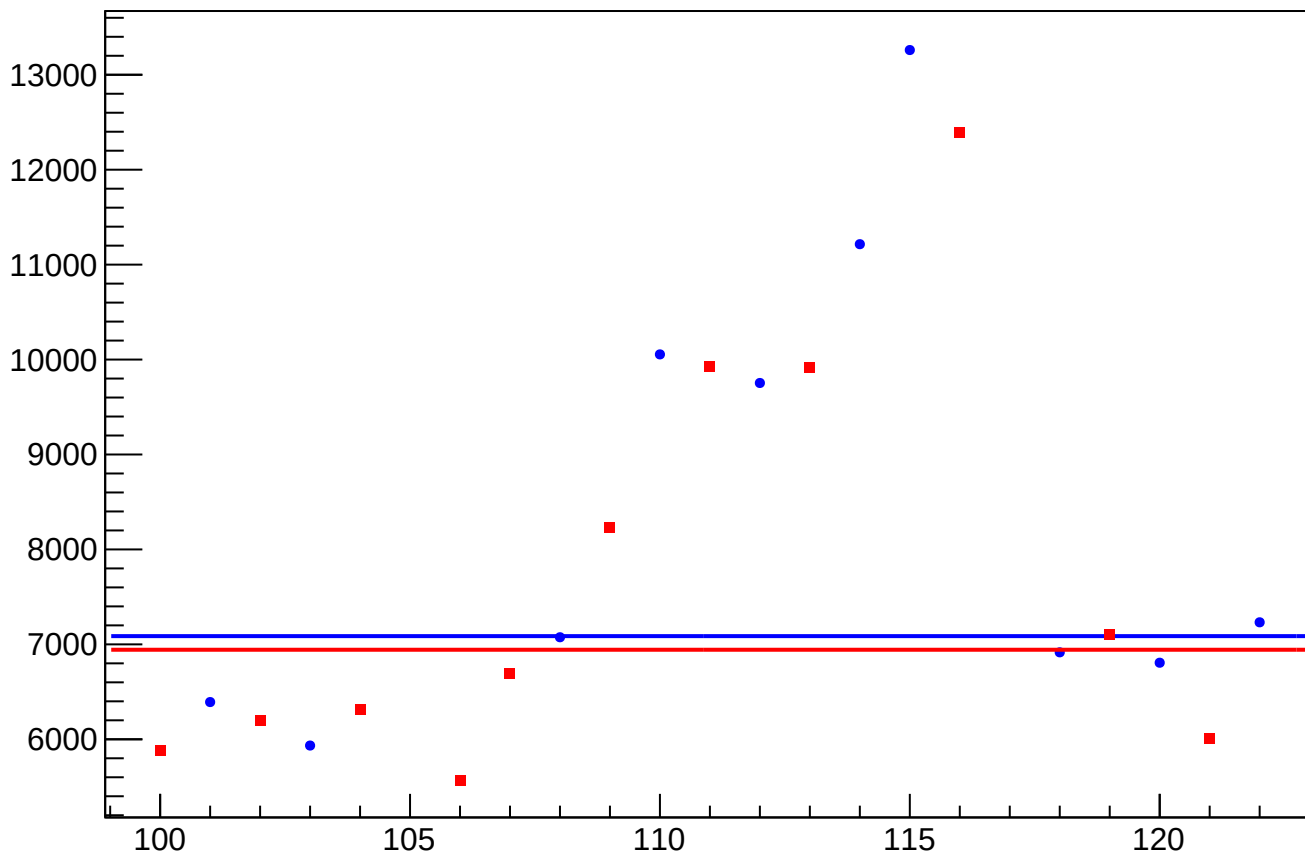
Right: -6.759+/-2.445 χ^2/NDF : 21.7/20

In: -6.849+/-3.576 χ^2/NDF :9.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.759+/-2.445 χ^2/NDF : 21.7/20

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: 6943.286+/-2.369 χ^2/NDF : 383219.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

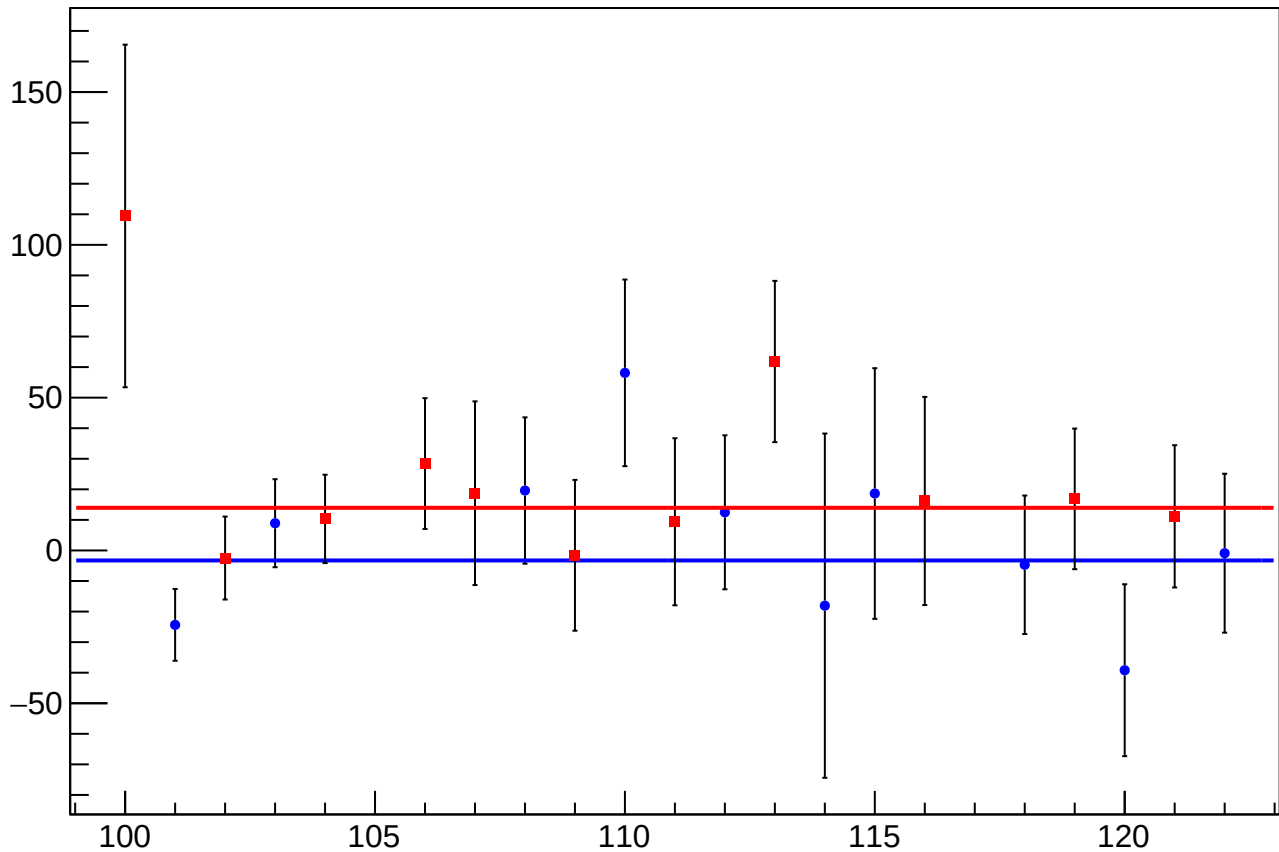
Right: 7010.356+/-1.729 χ^2/NDF : 680548.2/20

In: 7086.773+/-2.529 χ^2/NDF : 295613.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7010.356+/-1.729 χ^2/NDF : 680548.2/20

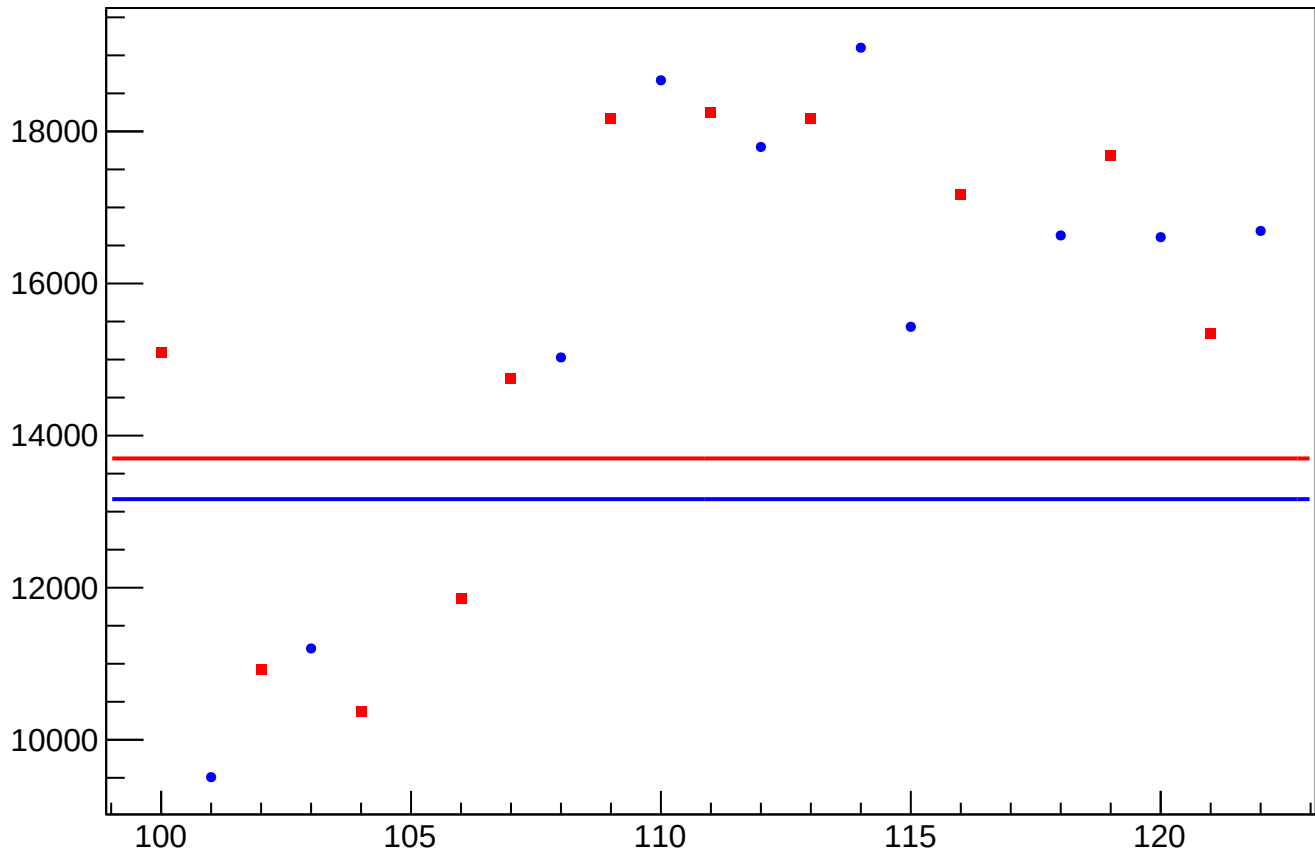
diff_bpm1X_mean vs Slug, Sign Corrected



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: 13.958+/-6.616 χ^2/NDF : 8.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 5.491+/-4.718 χ^2/NDF : 23.3/20
 In: -3.273+/-6.731 χ^2/NDF : 11.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.491+/-4.718 χ^2/NDF : 23.3/20

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: 13699.566+/-4.678 χ^2/NDF : 476870.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

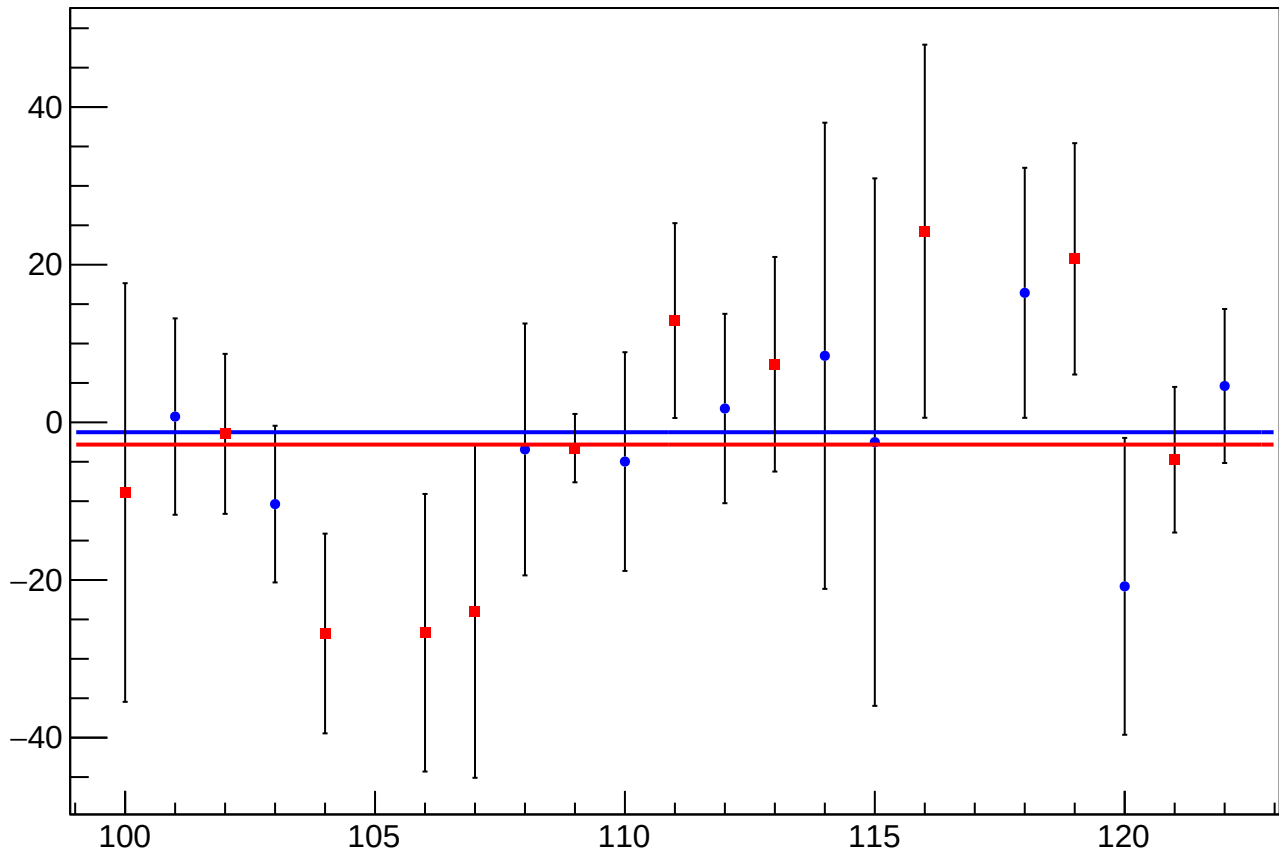
Right: 13436.531+/-3.336 χ^2/NDF : 1001197.6/20

In: 13164.300+/-4.760 χ^2/NDF : 517894.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13436.531+/-3.336 χ^2/NDF : 1001197.6/20

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: -2.819+/-3.070 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

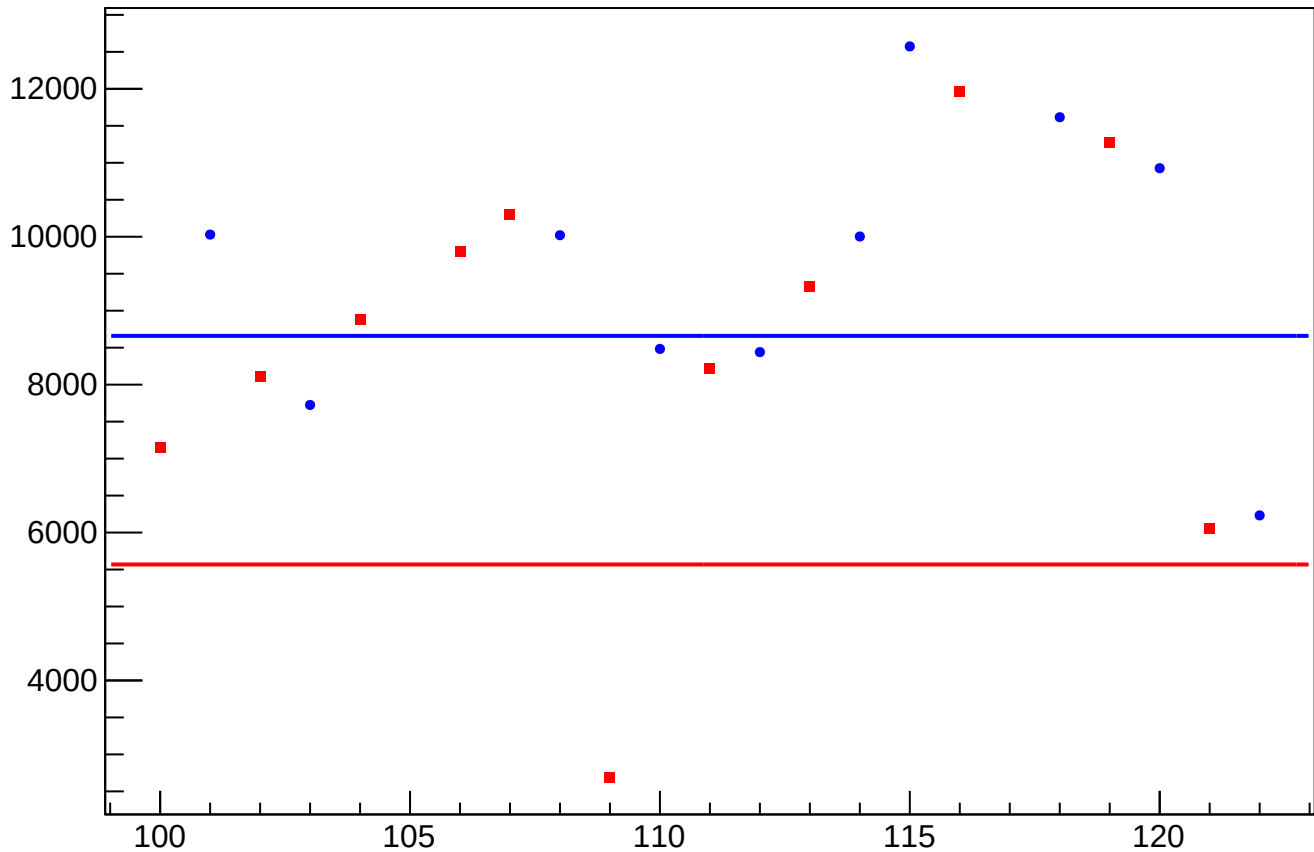
Right: -2.303+/-2.516 χ^2/NDF : 16.5/20

In: -1.250+/-4.389 χ^2/NDF : 3.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.303+/-2.516 χ^2/NDF : 16.5/20

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: 5568.164+/-2.171 χ^2/NDF : 2068459.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

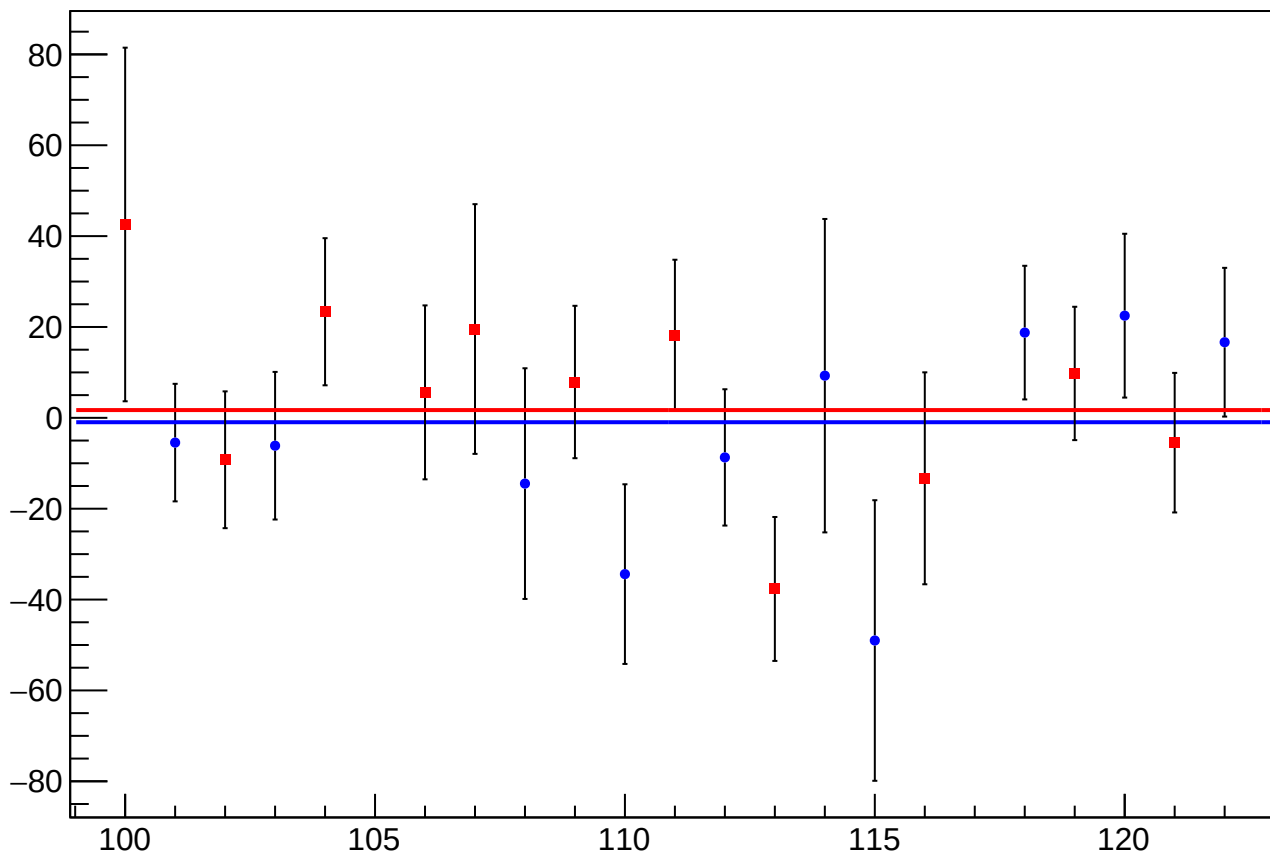
Right: 6584.012+/-1.779 χ^2/NDF : 3045620.1/20

In: 8659.534+/-3.103 χ^2/NDF : 310862.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6584.012+/-1.779 χ^2/NDF : 3045620.1/20

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: 1.710 ± 5.358 χ^2/NDF : 12.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

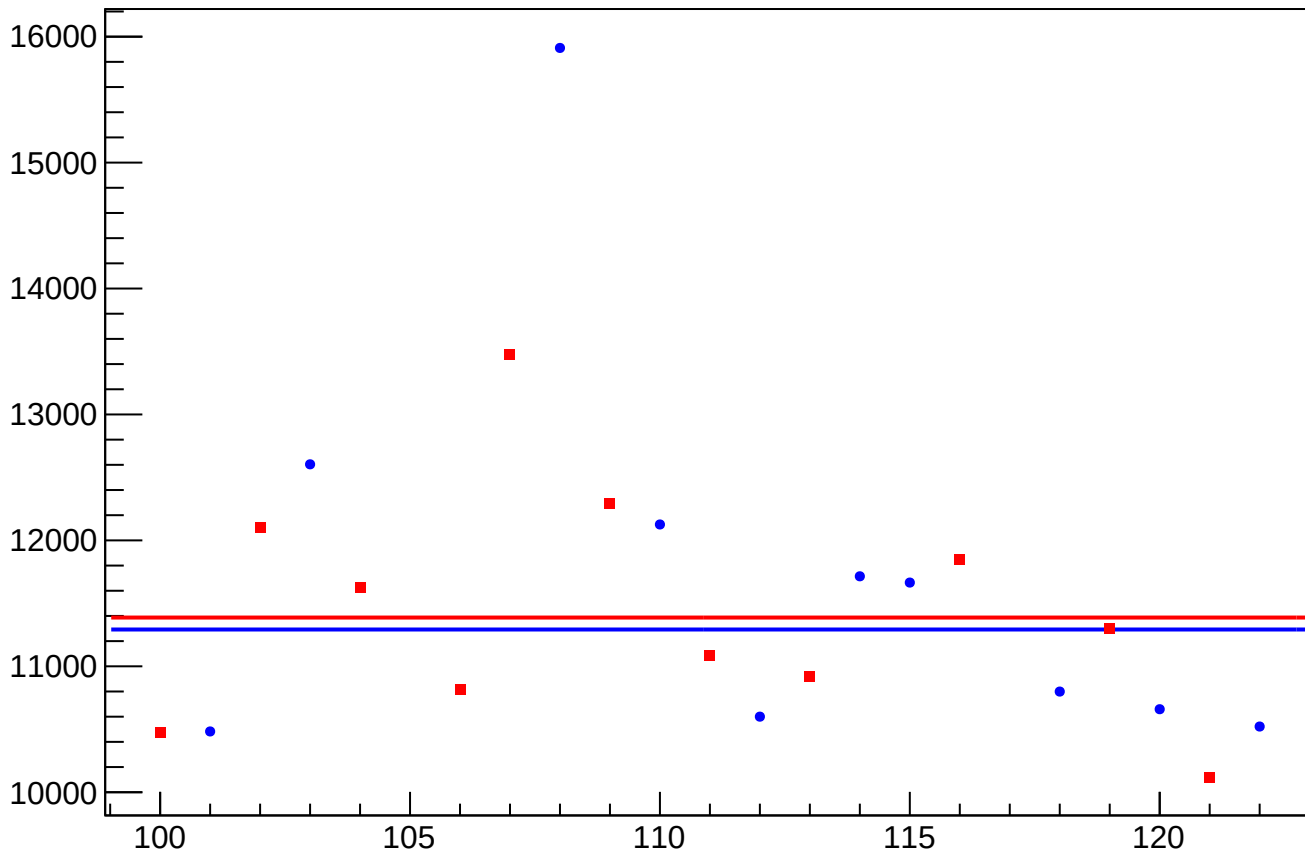
Right: 0.437 ± 3.879 χ^2/NDF : 23.0/20

In: -0.964 ± 5.622 χ^2/NDF : 10.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.437 ± 3.879 χ^2/NDF : 23.0/20

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: 11387.256+/-3.789 χ^2/NDF : 42134.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

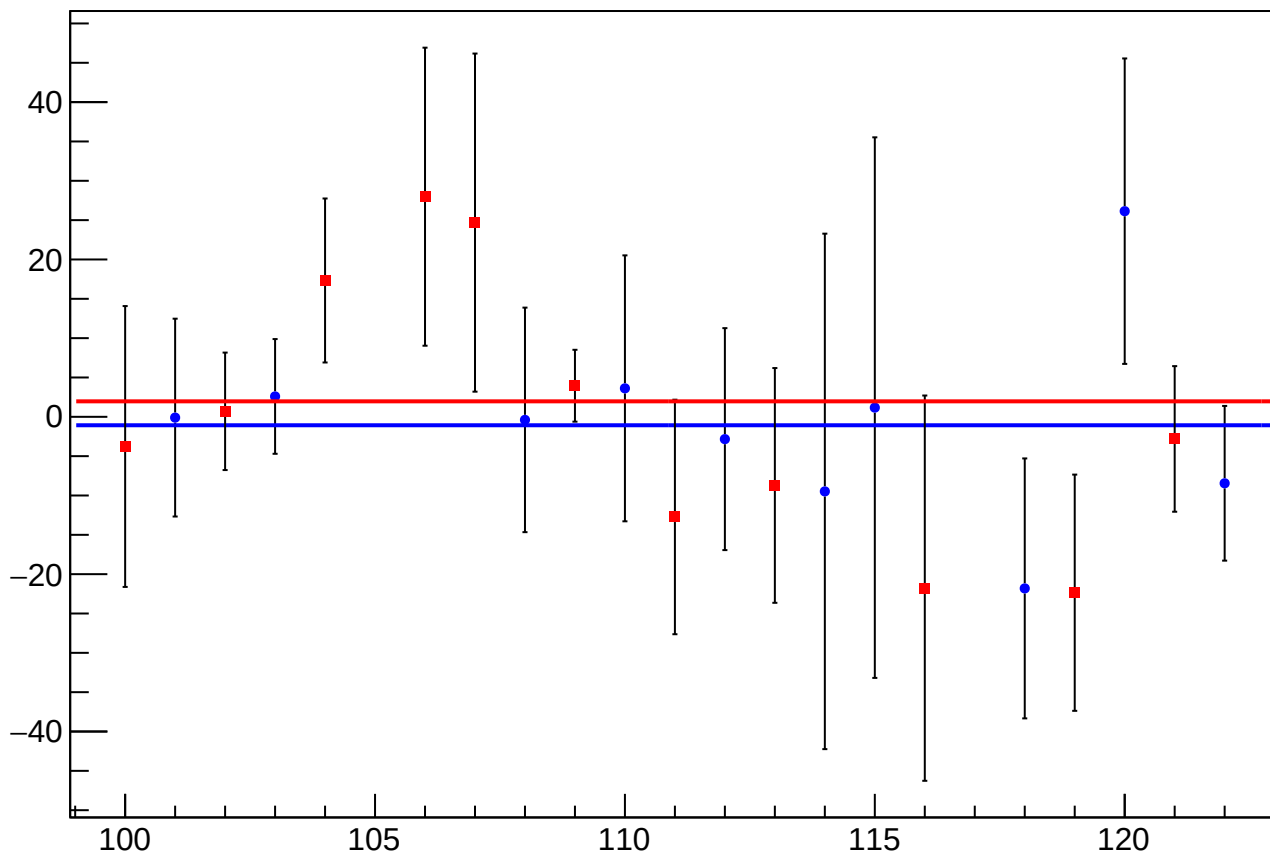
Right: 11342.063+/-2.743 χ^2/NDF : 147026.2/20

In: 11292.308+/-3.976 χ^2/NDF : 104592.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11342.063+/-2.743 χ^2/NDF : 147026.2/20

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: 1.968+/-3.016 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

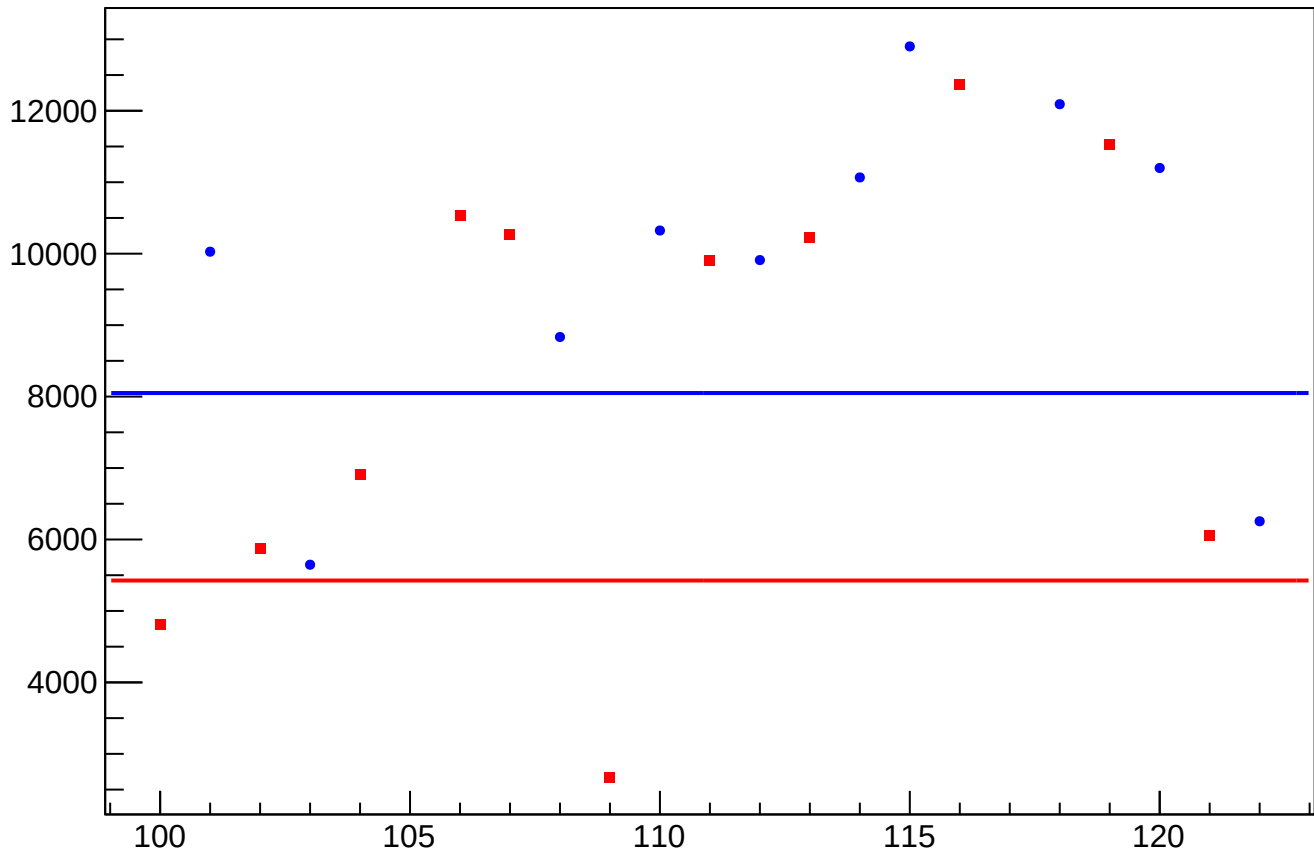
Right: 0.930+/-2.447 χ^2/NDF : 15.7/20

In: -1.073+/-4.188 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.930+/-2.447 χ^2/NDF : 15.7/20

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: 5426.128+/-2.132 χ^2/NDF : 1915133.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

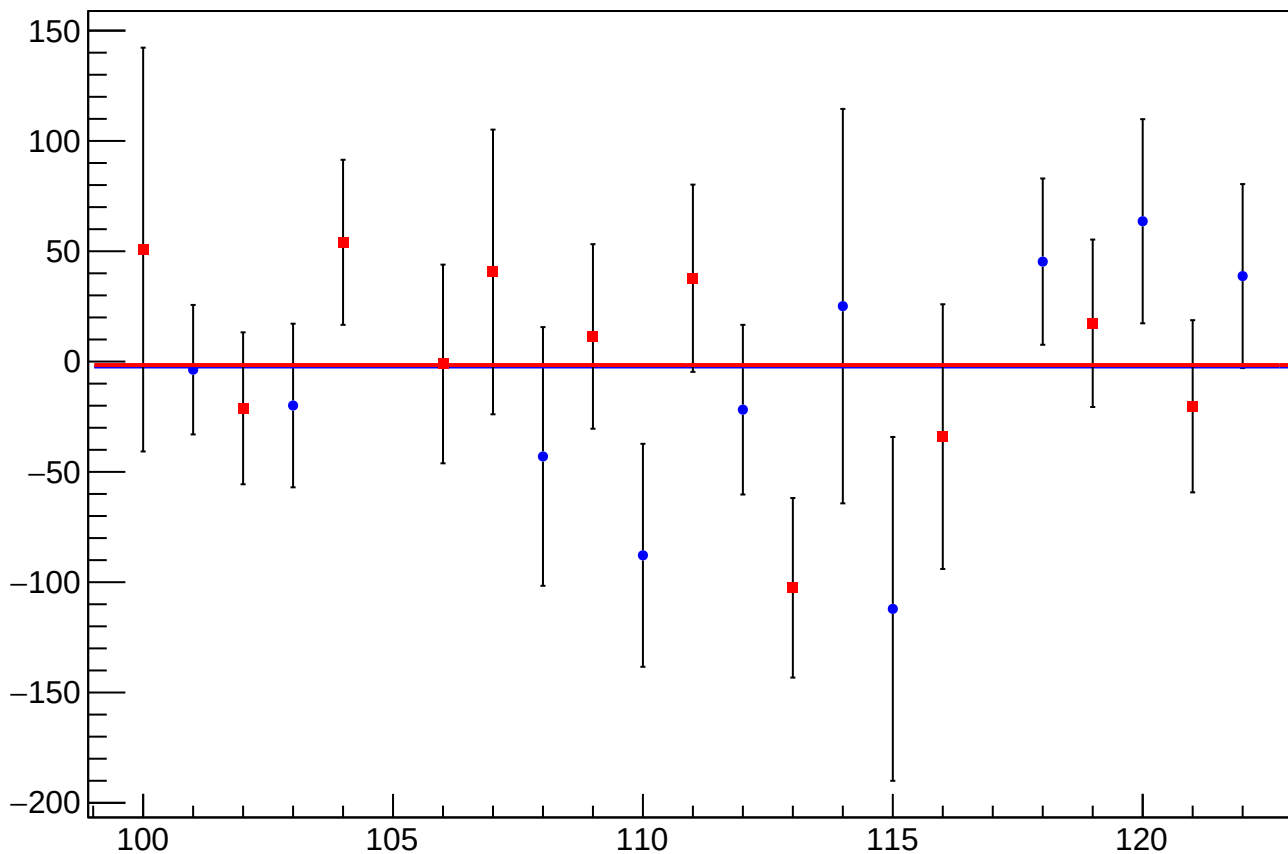
Right: 6321.984+/-1.730 χ^2/NDF : 3071715.5/20

In: 8049.956+/-2.961 χ^2/NDF : 639596.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6321.984+/-1.730 χ^2/NDF : 3071715.5/20

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -2.236 ± 13.757 $\chi^2/\text{NDF}: 10.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.577 ± 13.164 $\chi^2/\text{NDF}: 11.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

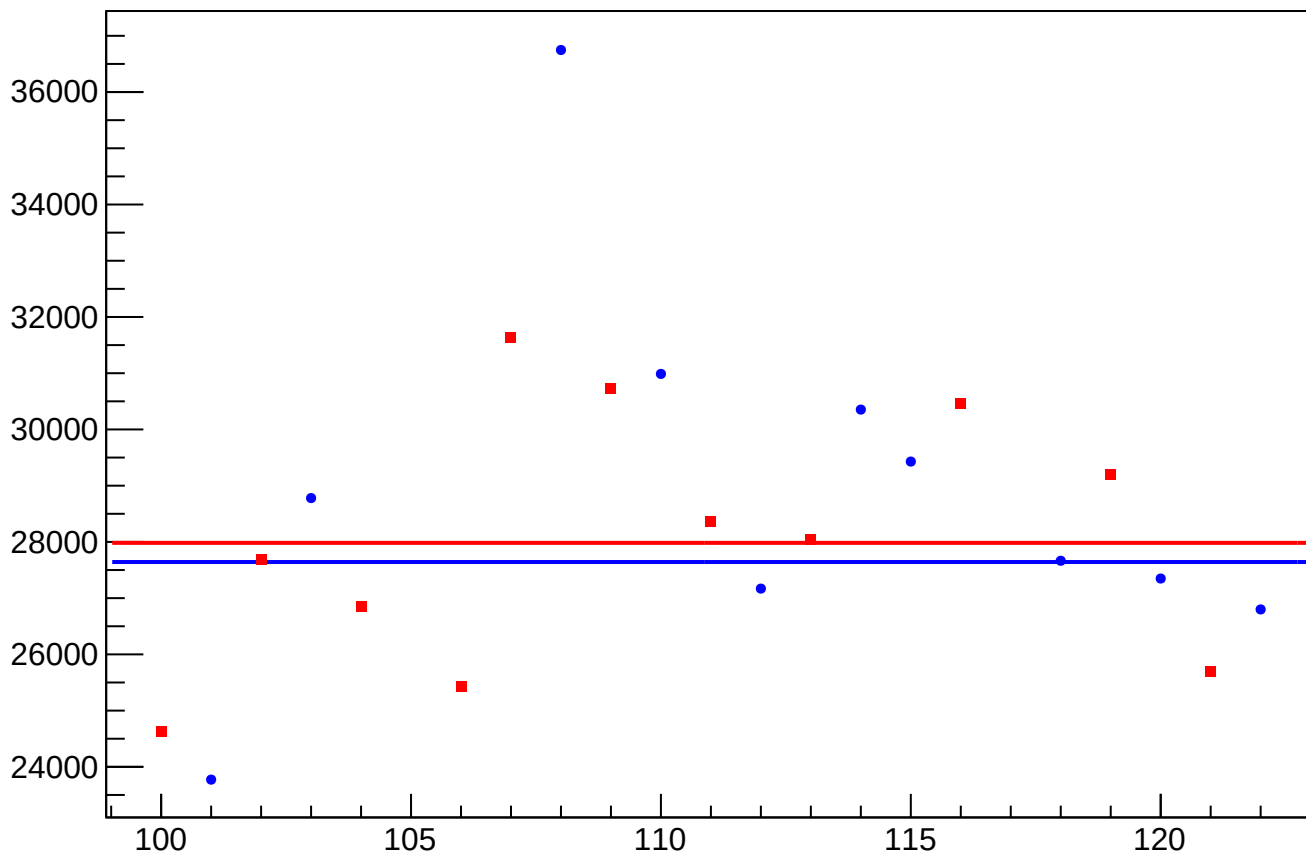
Right: -1.892 ± 9.511 $\chi^2/\text{NDF}: 21.7/20$

In: -2.236 ± 13.757 $\chi^2/\text{NDF}: 10.5/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.892 ± 9.511 $\chi^2/\text{NDF}: 21.7/20$

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: 27983.242+/-9.308 χ^2/NDF : 38569.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

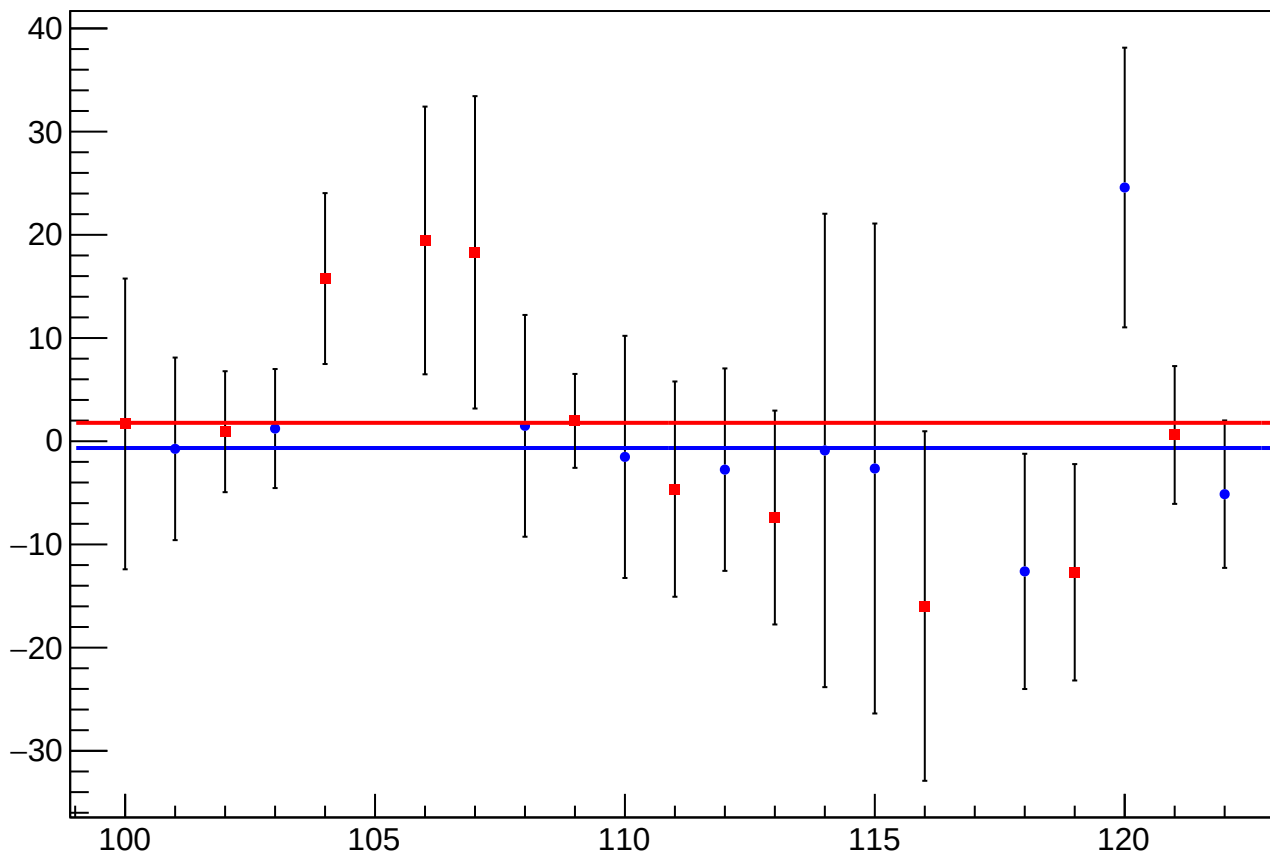
Right: 27820.309+/-6.725 χ^2/NDF : 136965.3/20

In: 27642.354+/-9.728 χ^2/NDF : 97755.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27820.309+/-6.725 χ^2/NDF : 136965.3/20

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.656 $\pm$ 3.078 χ^2 /NDF: 5.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.783 $\pm$ 2.493 χ^2 /NDF: 10.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

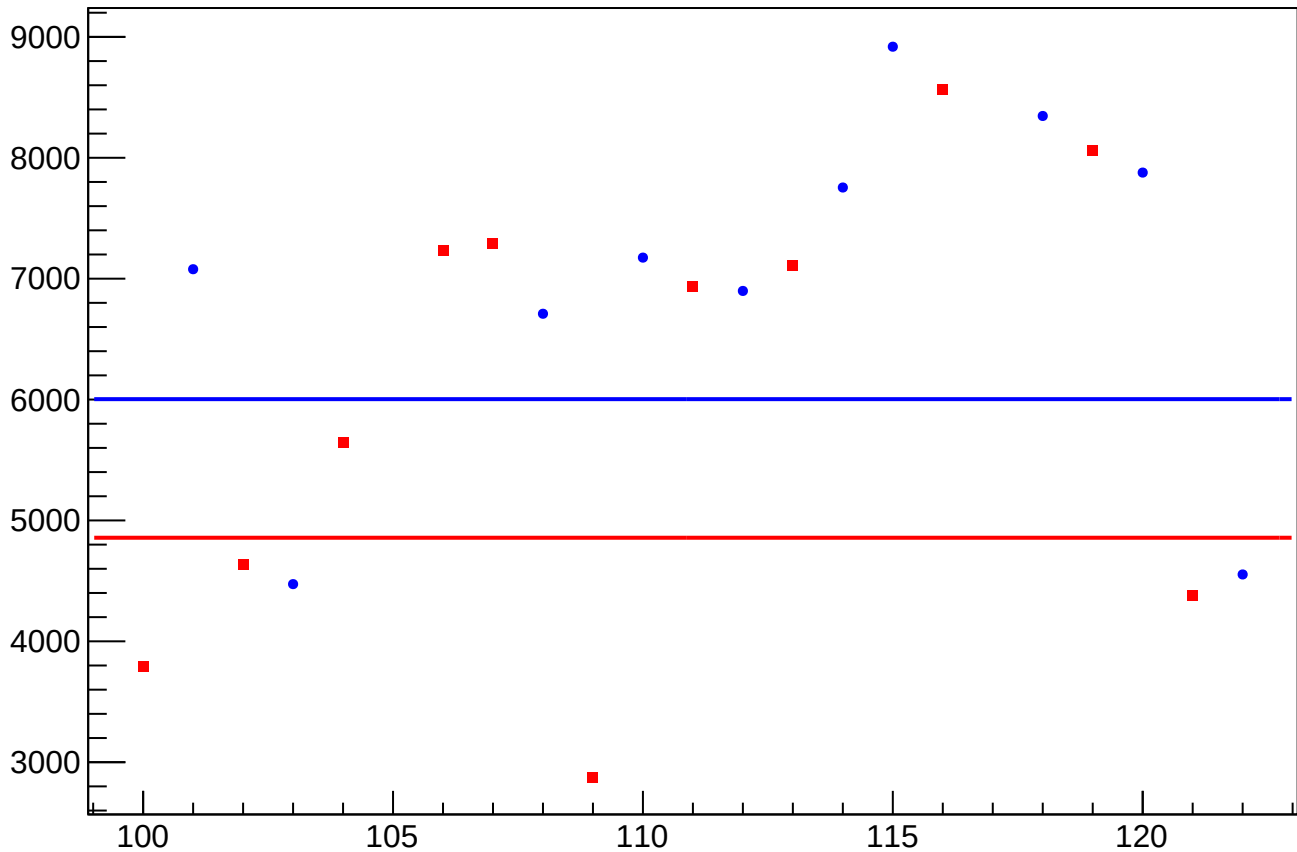
Right: 0.817 $\pm$ 1.937 χ^2 /NDF: 15.7/20

In: -0.656 $\pm$ 3.078 χ^2 /NDF:5.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.817 $\pm$ 1.937 χ^2 /NDF: 15.7/20

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: 4856.912+/-1.763 χ^2/NDF : 997512.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

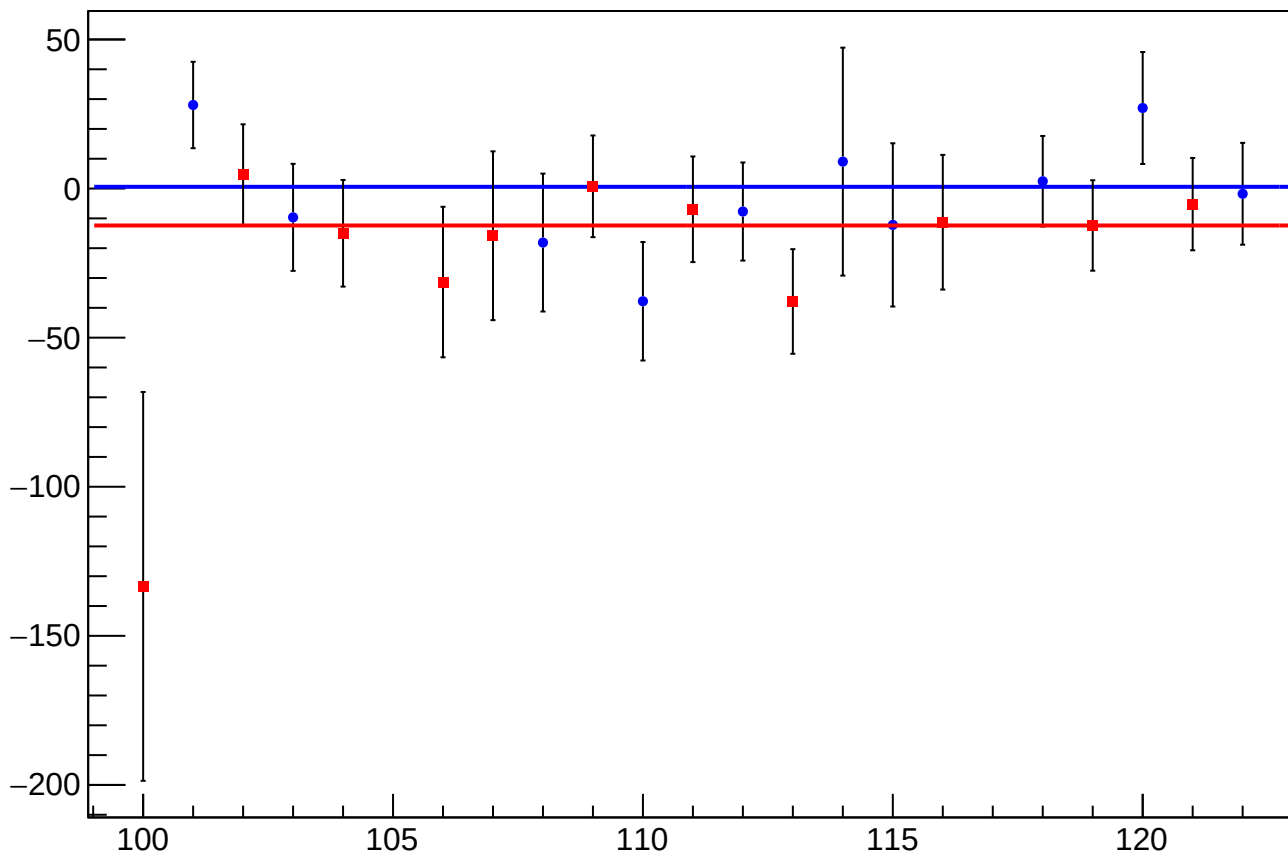
Right: 5311.160+/-1.370 χ^2/NDF : 1627609.6/20

In: 6003.326+/-2.176 χ^2/NDF :462540.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5311.160+/-1.370 χ^2/NDF : 1627609.6/20

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: -12.384+/-5.772 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

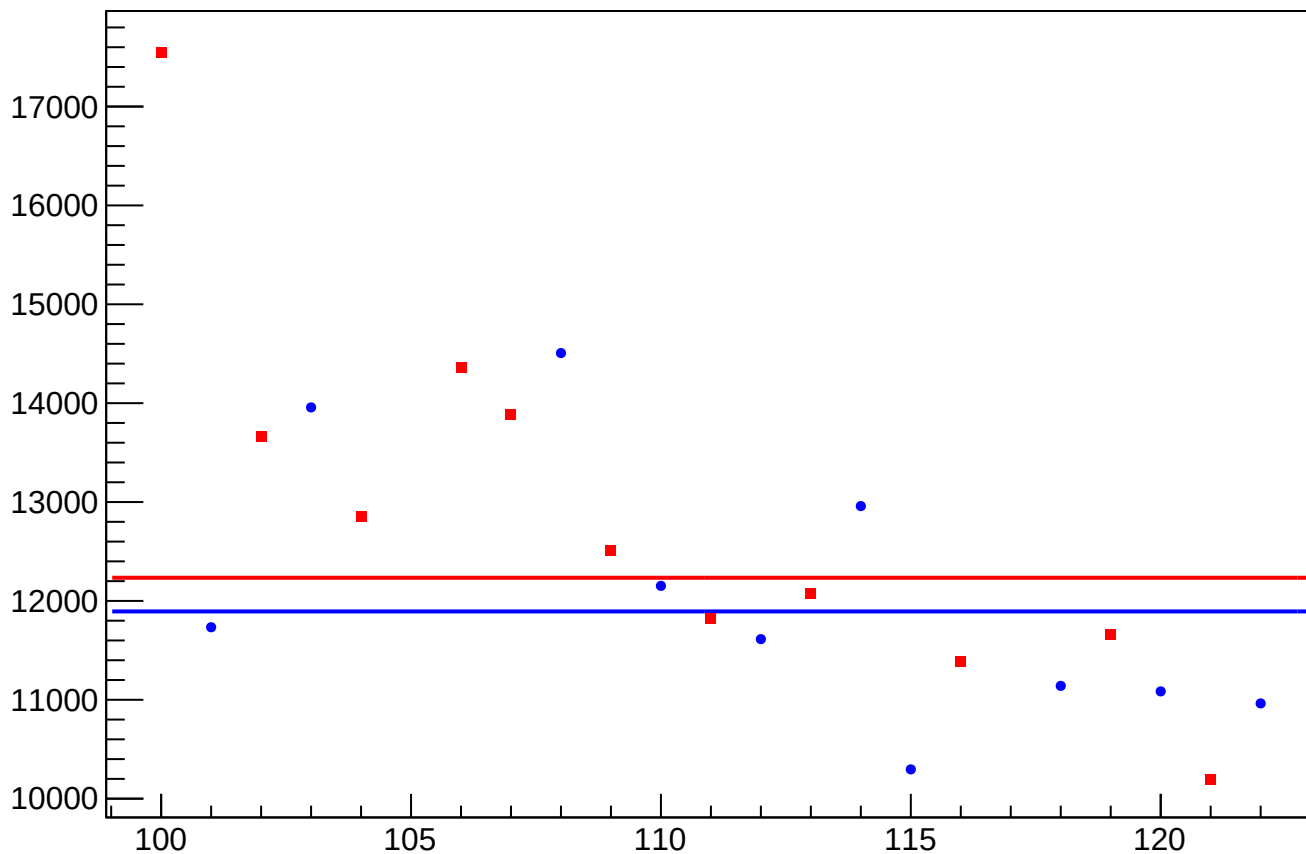
Right: -6.057+/-4.131 χ^2/NDF : 21.4/20

In: 0.583+/-5.914 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.057+/-4.131 χ^2/NDF : 21.4/20

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: 12234.301+/-4.082 χ^2/NDF : 93043.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

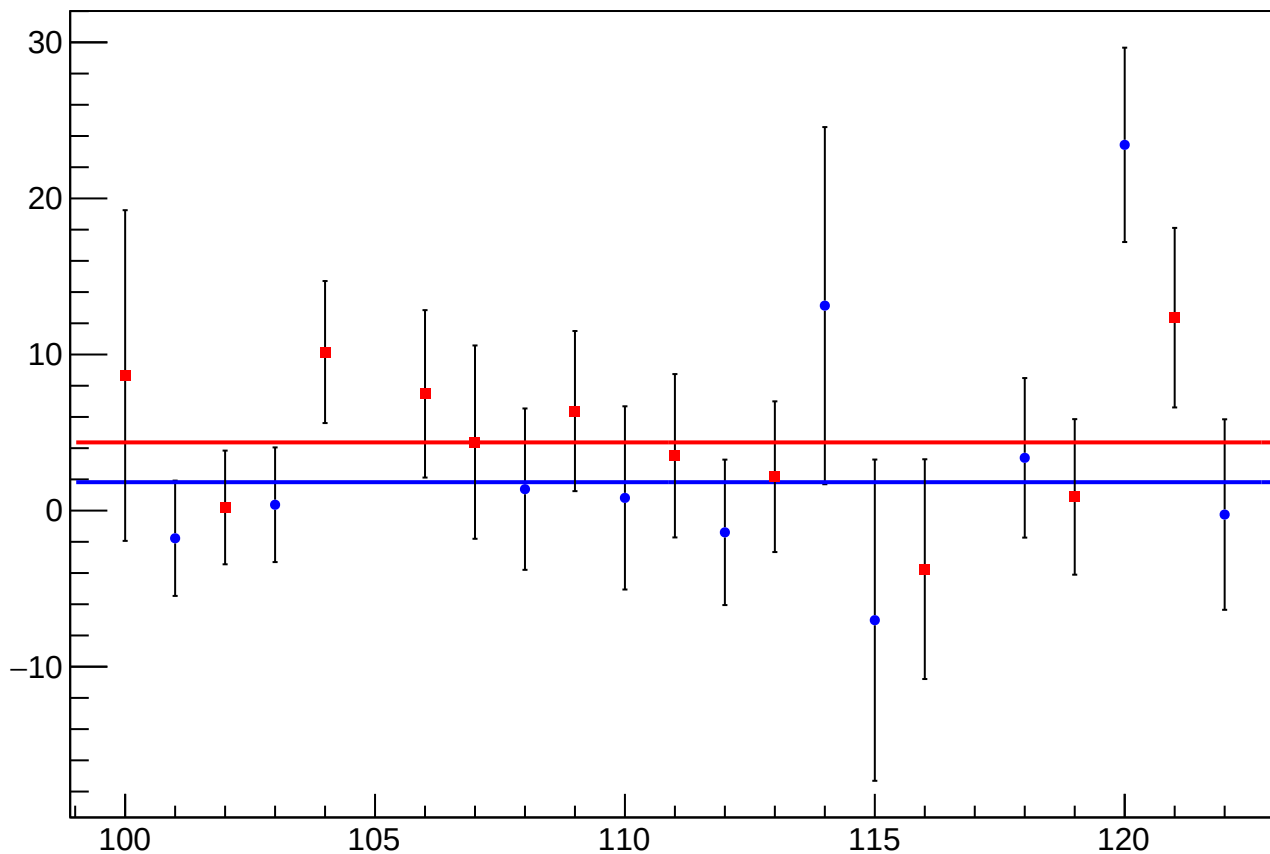
Right: 12068.035+/-2.921 χ^2/NDF : 172524.2/20

In: 11893.536+/-4.182 χ^2/NDF : 76080.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12068.035+/-2.921 χ^2/NDF : 172524.2/20

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: 4.369+/-1.578 χ^2/NDF : 7.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

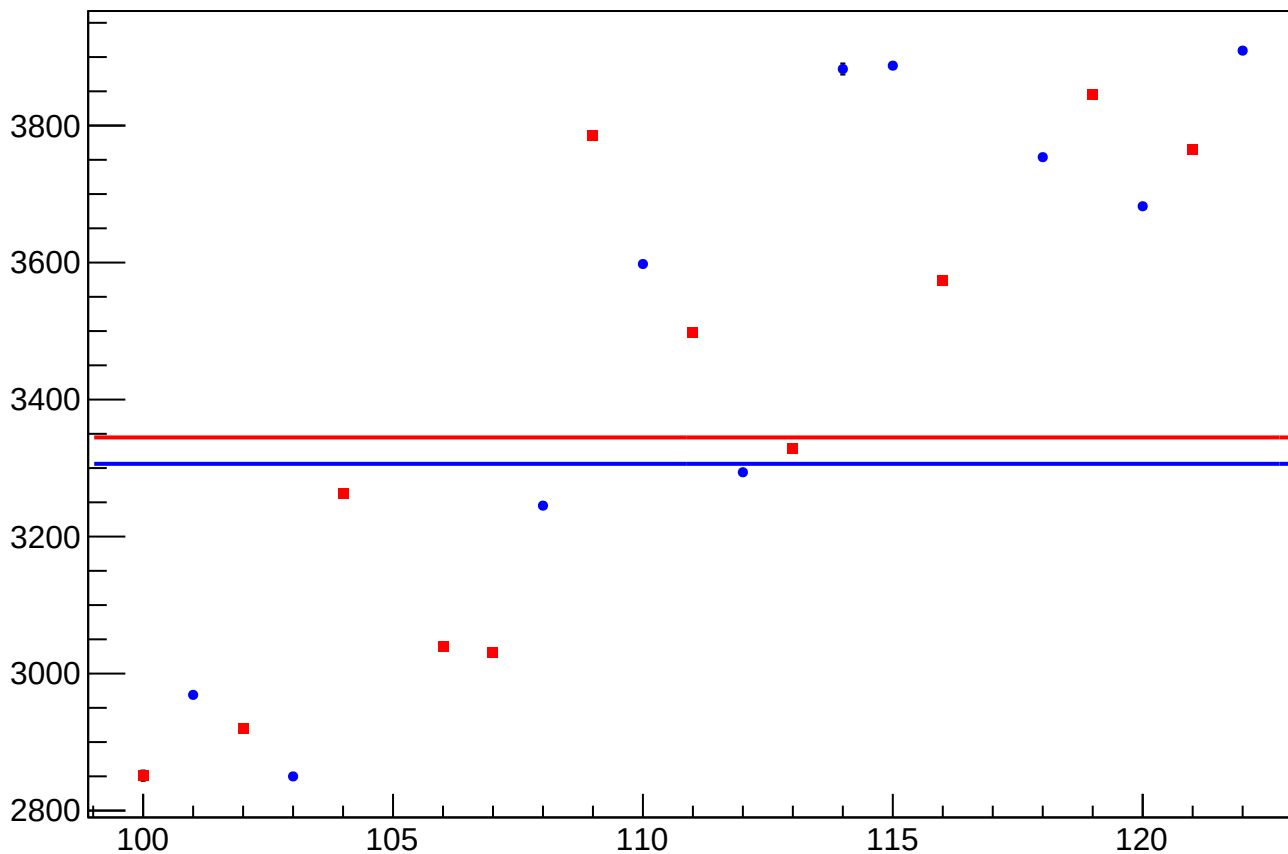
Right: 3.151+/-1.140 χ^2/NDF : 24.4/20

In: 1.821+/-1.649 χ^2/NDF : 15.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.151+/-1.140 χ^2/NDF : 24.4/20

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: 3344.739+/-1.116 χ^2/NDF : 93228.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

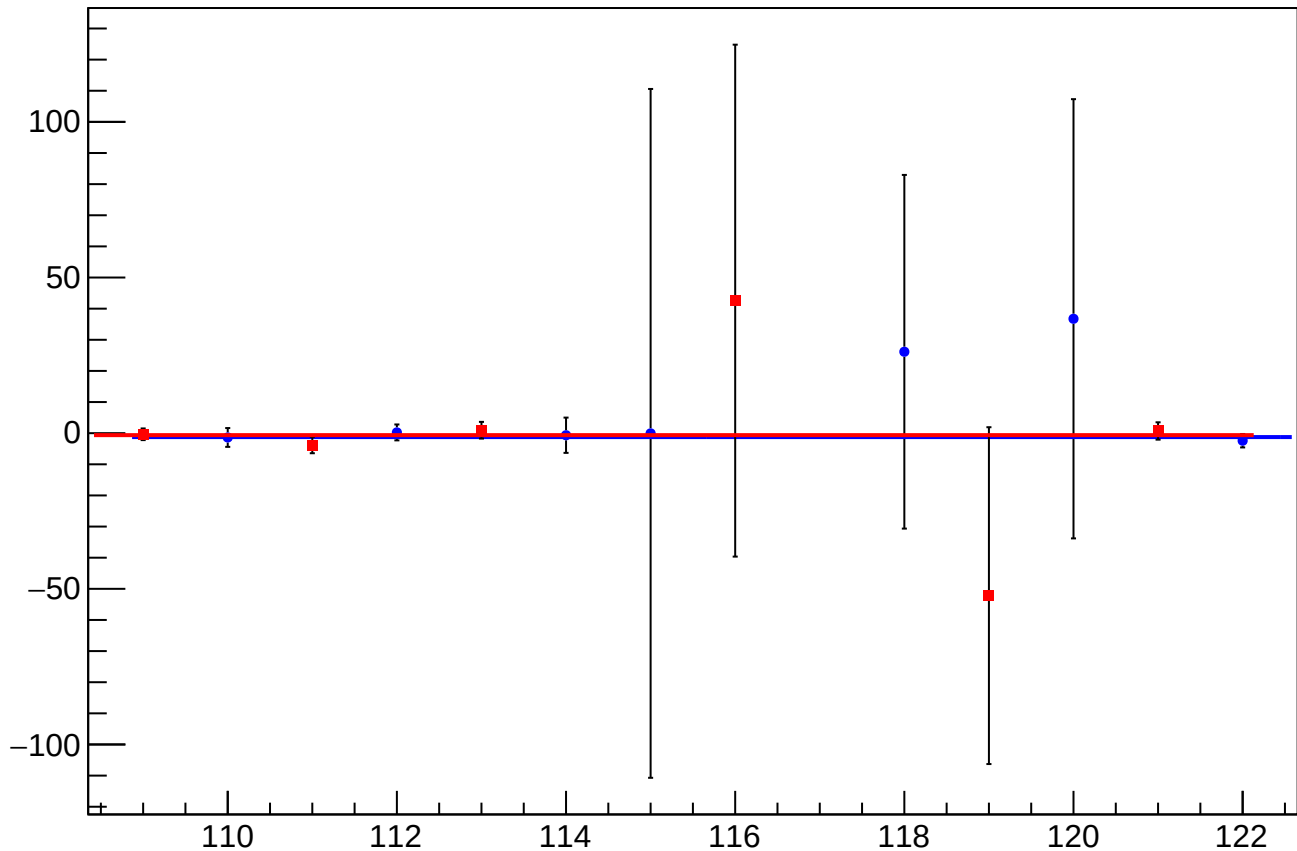
Right: 3326.312+/-0.806 χ^2/NDF : 200199.0/20

In: 3306.201+/-1.166 χ^2/NDF : 106400.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3326.312+/-0.806 χ^2/NDF : 200199.0/20

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: -0.630+/-1.196 χ^2/NDF : 3.3/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

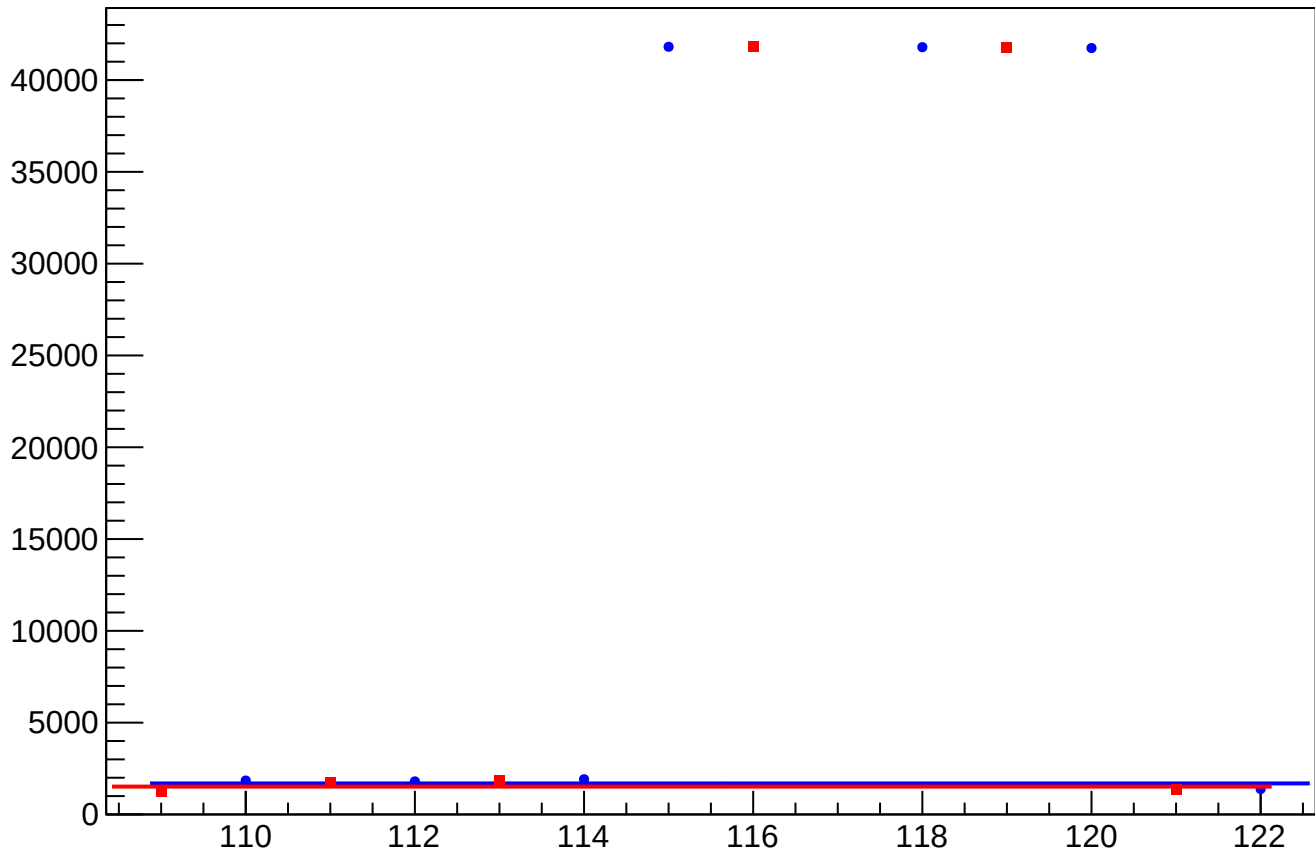
Right: -0.892+/-0.910 χ^2/NDF : 4.5/12

In: -1.252+/-1.402 χ^2/NDF : 1.2/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.892+/-0.910 χ^2/NDF : 4.5/12

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: 1517.695+/-0.846 χ^2/NDF : 1684276.5/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

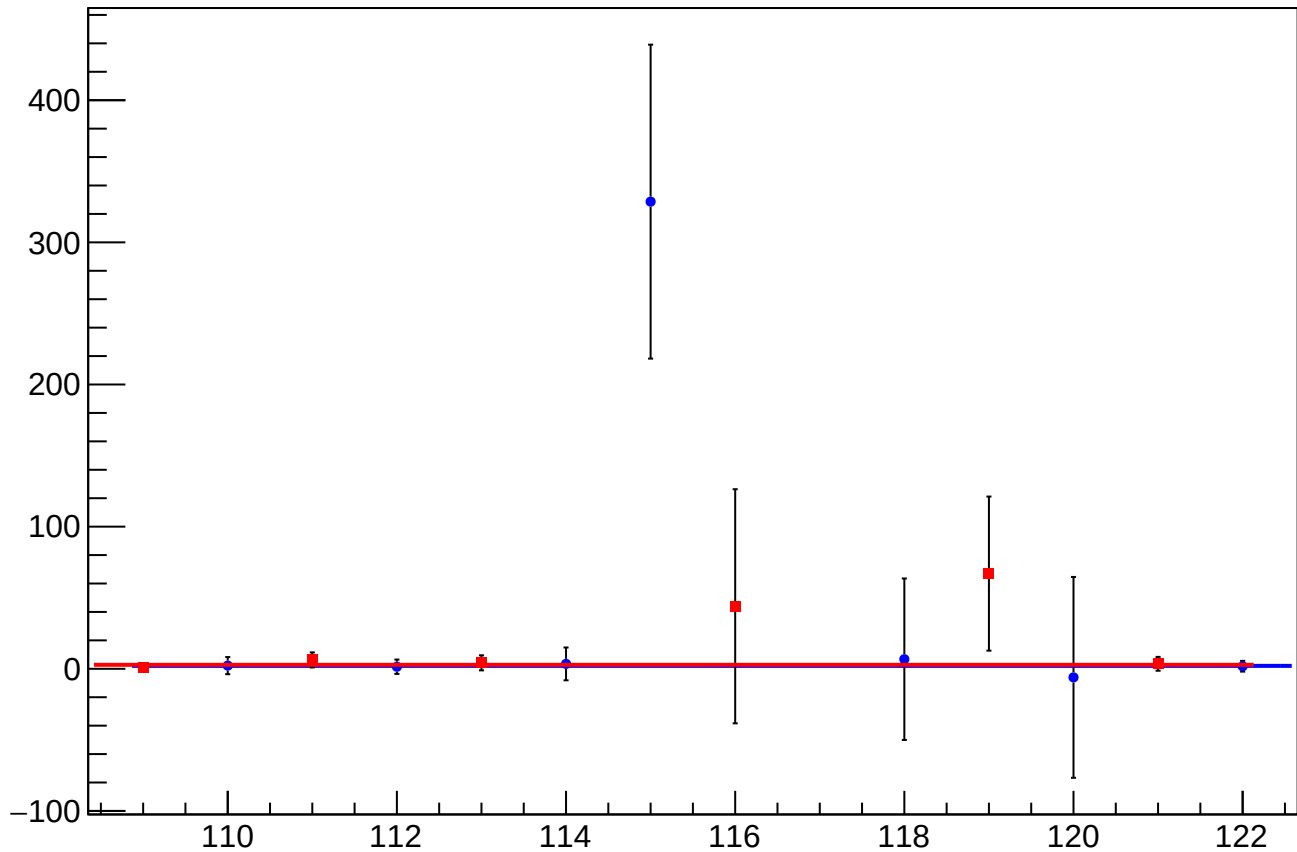
Right: 1590.150+/-0.643 χ^2/NDF : 3658235.3/12

In: 1689.686+/-0.991 χ^2/NDF : 1956530.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1590.150+/-0.643 χ^2/NDF : 3658235.3/12

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: 2.796+/-2.061 χ^2/NDF : 2.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

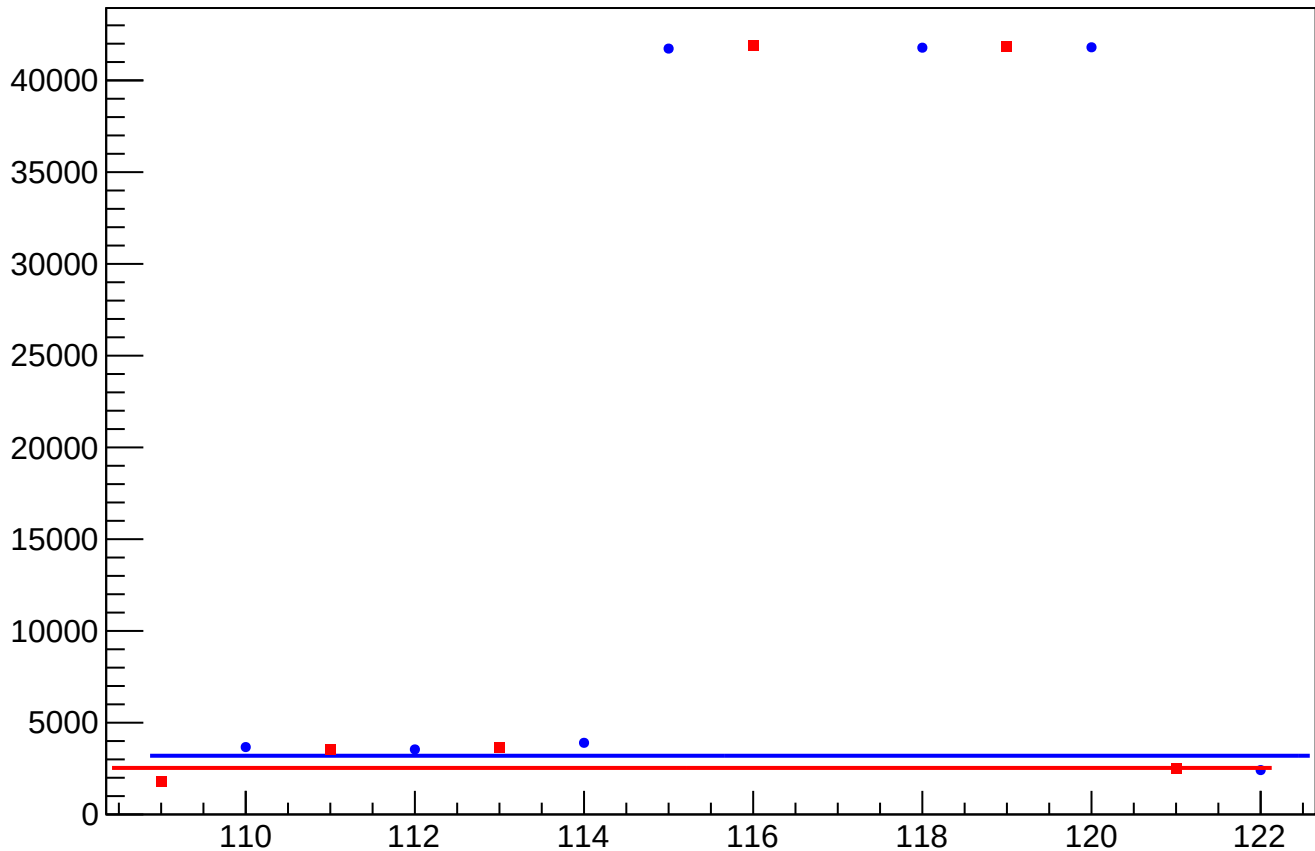
Right: 2.515+/-1.621 χ^2/NDF : 11.4/12

In: 2.059+/-2.624 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.515+/-1.621 χ^2/NDF : 11.4/12

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: 2535.286+/-1.457 χ^2/NDF : 1803492.6/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

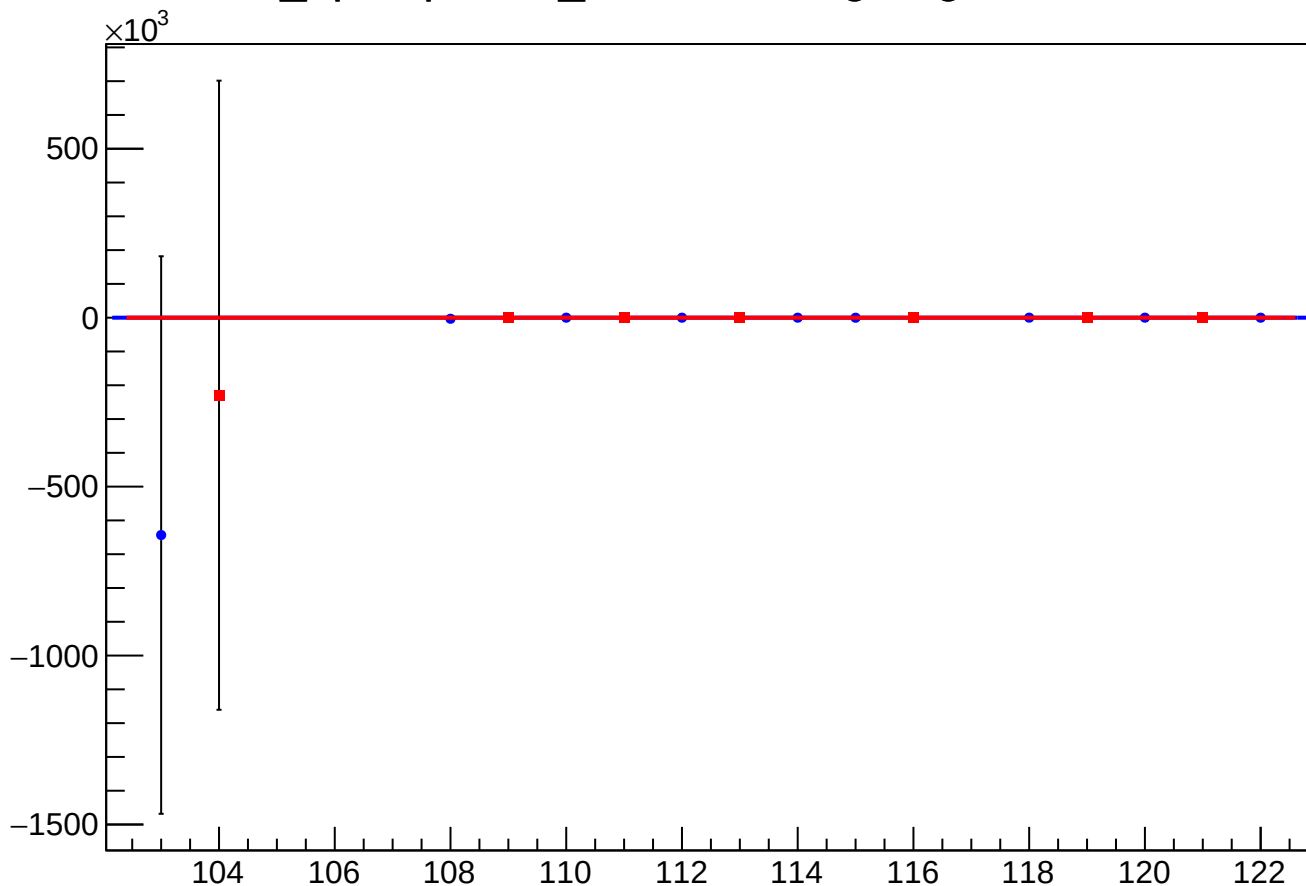
Right: 2788.618+/-1.146 χ^2/NDF : 3761160.7/12

In: 3199.044+/-1.855 χ^2/NDF : 1878512.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2788.618+/-1.146 χ^2/NDF : 3761160.7/12

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: 4.585 $\pm$ 2.202 χ^2 /NDF: 8.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

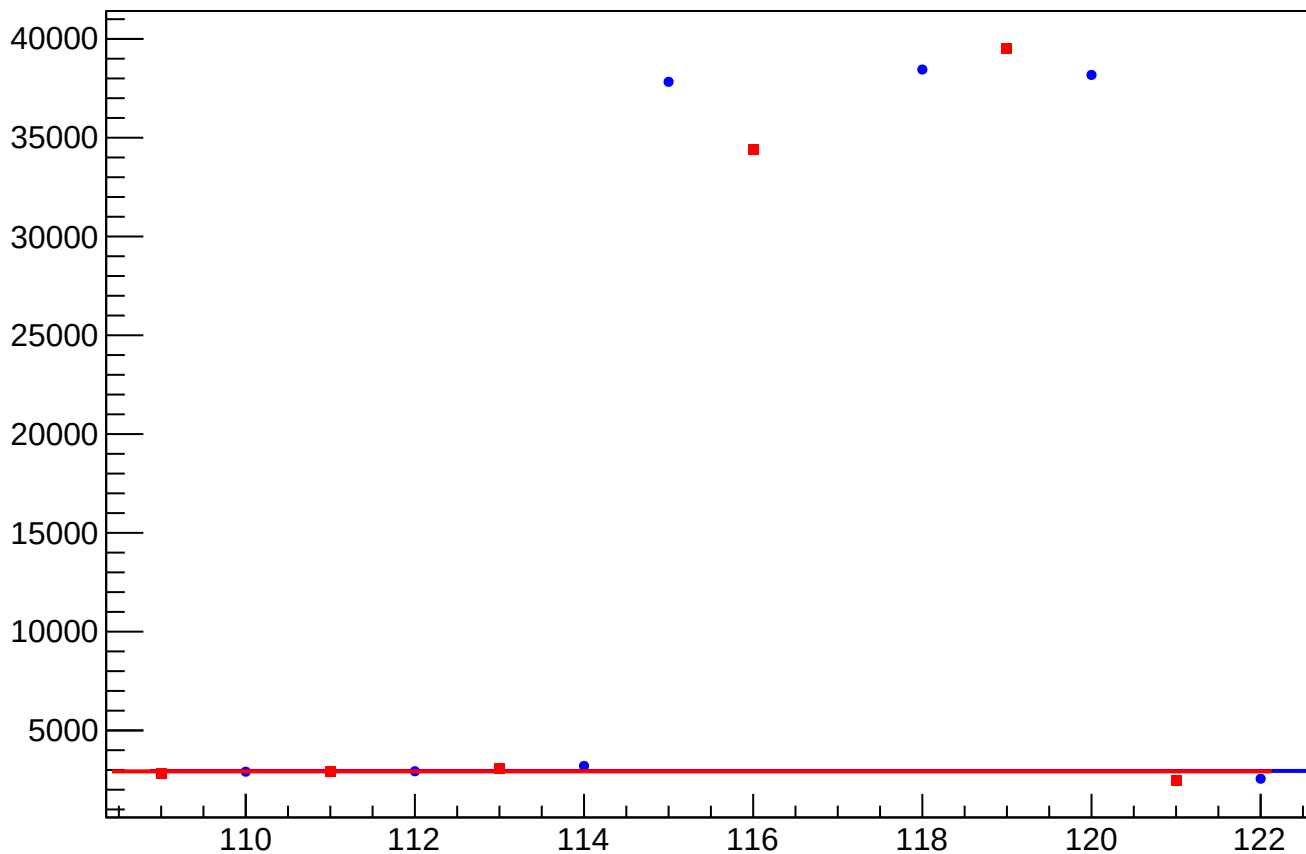
Right: 3.849 $\pm$ 1.614 χ^2 /NDF: 18.8/15

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: 3.849 $\pm$ 1.614 χ^2 /NDF: 18.8/15

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: 2928.648+/-1.557 χ^2/NDF : 1476321.2/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

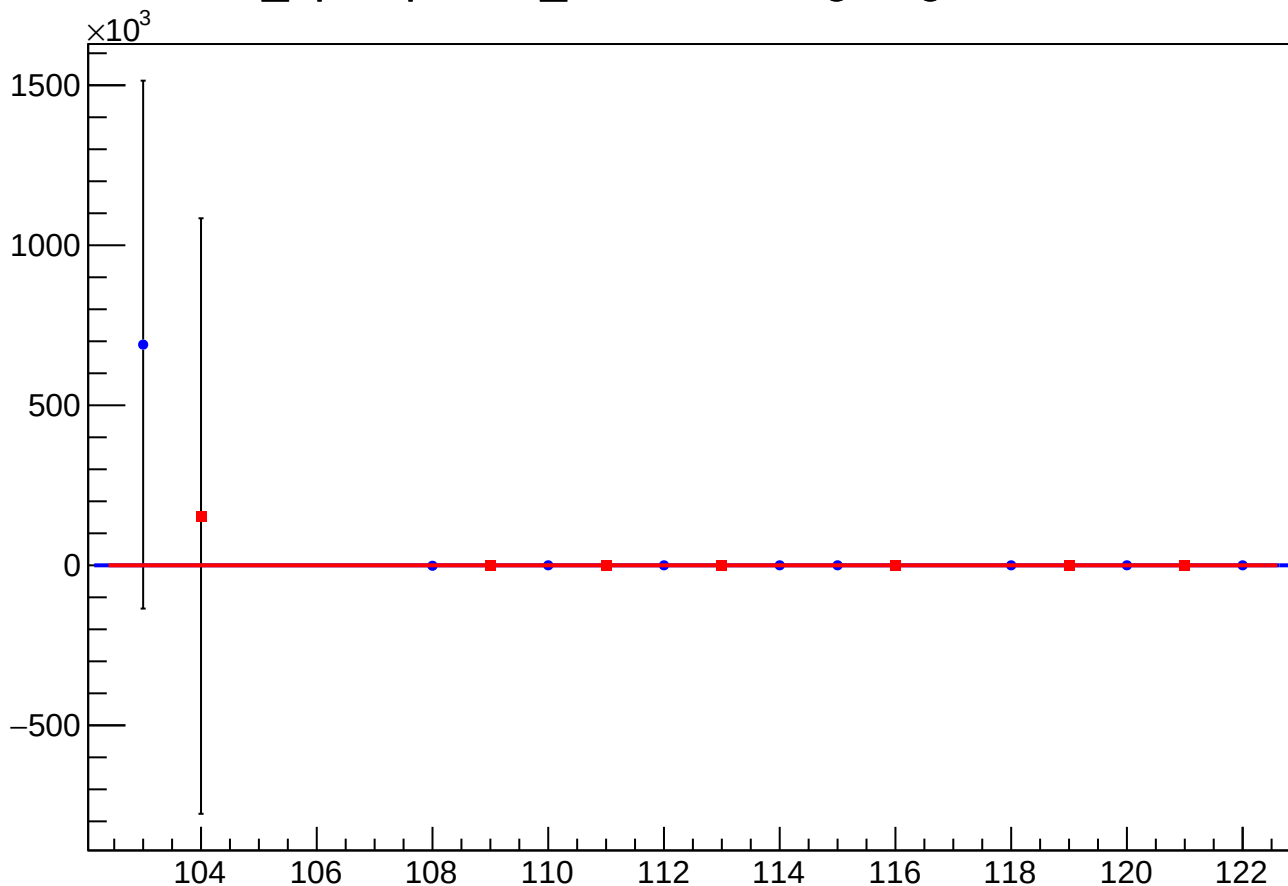
Right: 2938.749+/-1.142 χ^2/NDF : 3253182.8/12

In: 2950.501+/-1.679 χ^2/NDF : 1776770.5/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2938.749+/-1.142 χ^2/NDF : 3253182.8/12

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.181 $\pm$ 2.350 χ^2 /NDF: 1.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.443 $\pm$ 1.789 χ^2 /NDF: 1.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

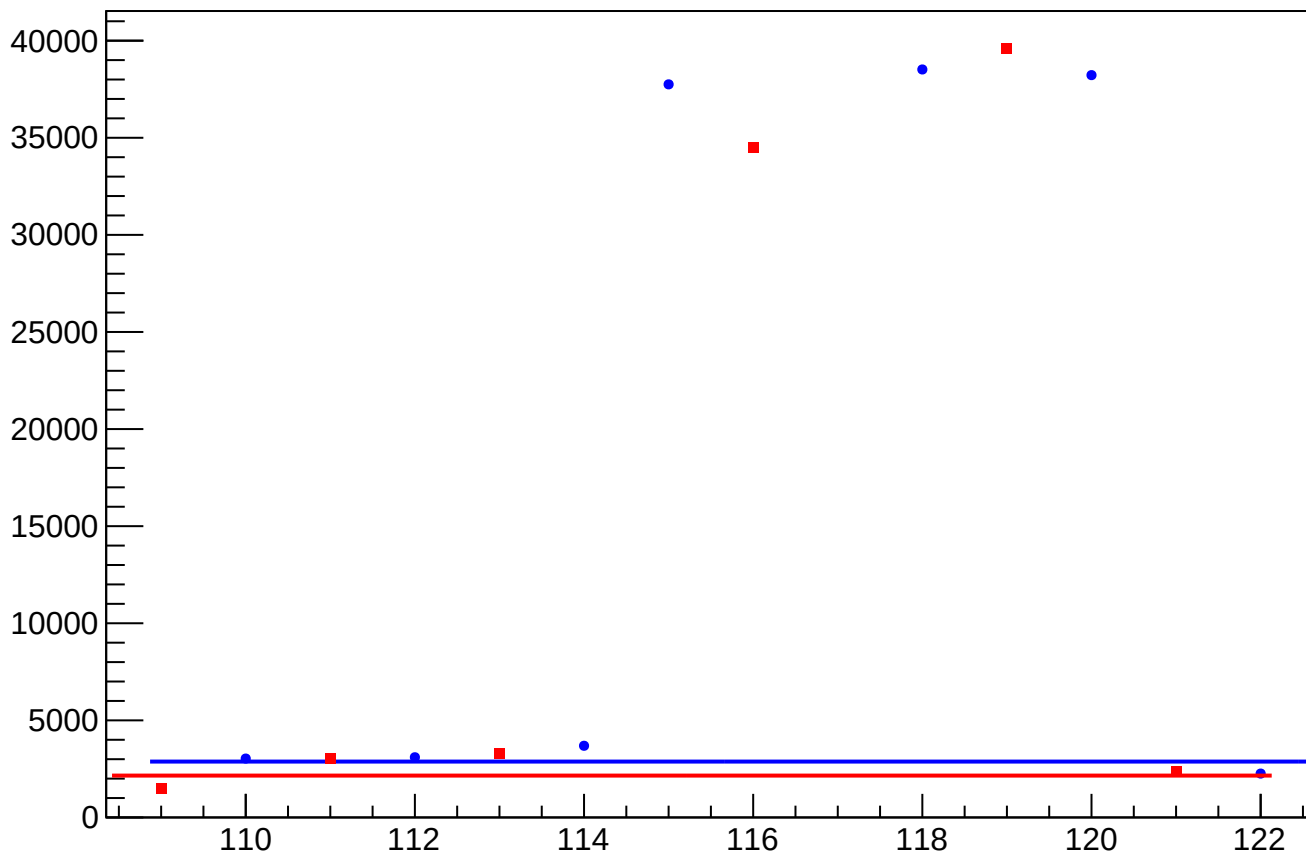
Right: 1.613 $\pm$ 1.423 χ^2 /NDF: 3.8/15

In: 0.181 $\pm$ 2.350 χ^2 /NDF:1.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.613 $\pm$ 1.423 χ^2 /NDF: 3.8/15

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: 2156.022+/-1.265 χ^2/NDF : 1878062.9/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

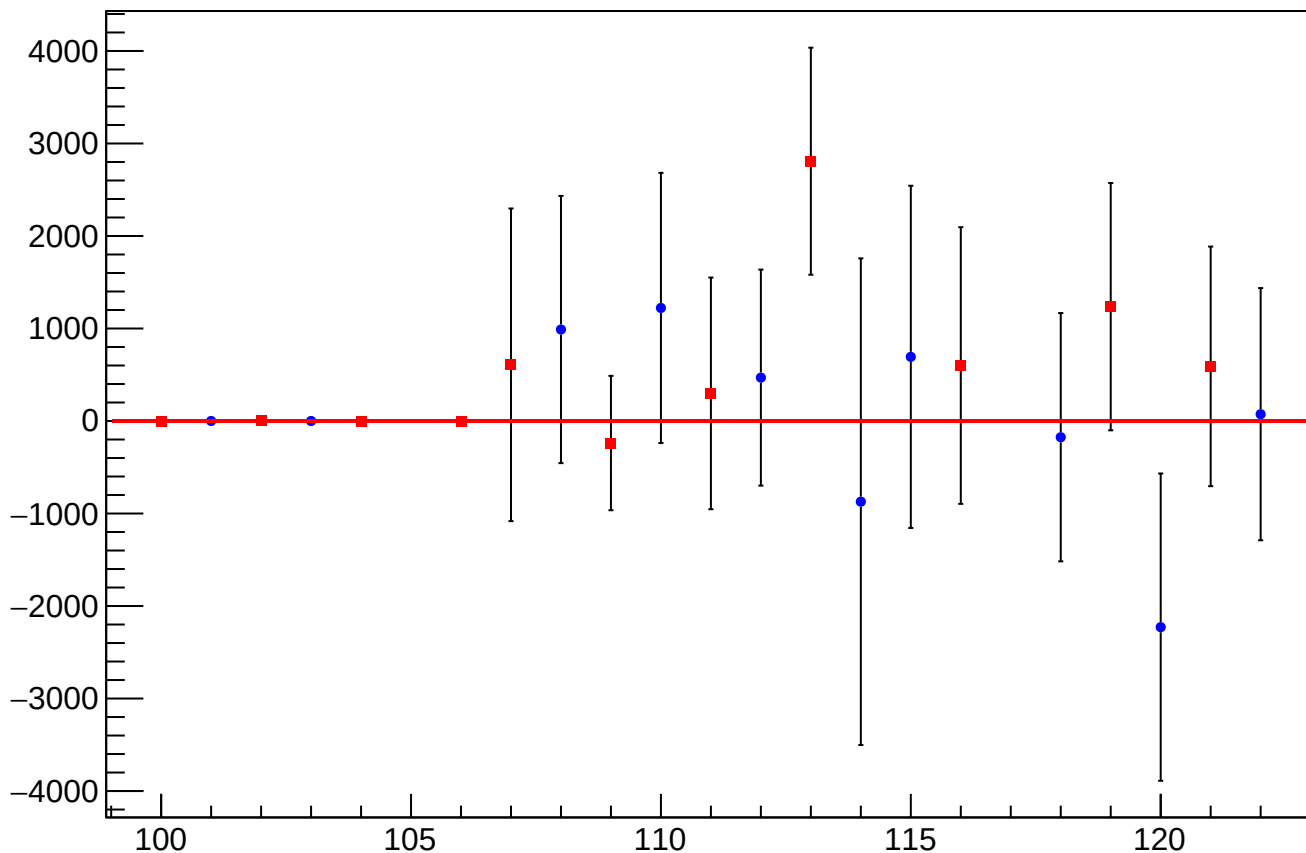
Right: 2420.739+/-1.006 χ^2/NDF : 3839534.6/12

In: 2877.583+/-1.661 χ^2/NDF : 1842061.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2420.739+/-1.006 χ^2/NDF : 3839534.6/12

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 : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

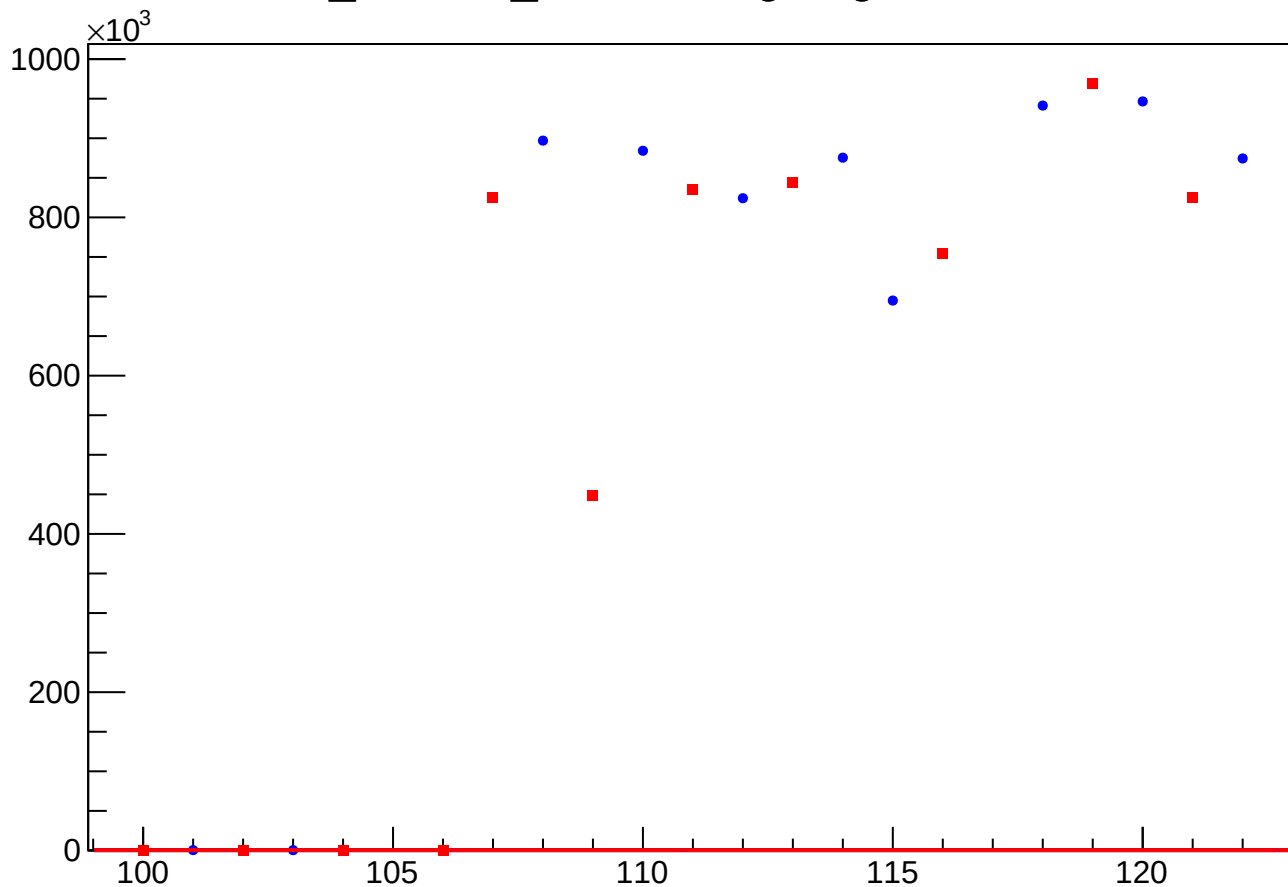
Right: 0.066+/-0.241 χ^2/NDF : 14.2/20

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 : 14.2/20

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: 393.018+/-0.232 χ^2/NDF : 4653685.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

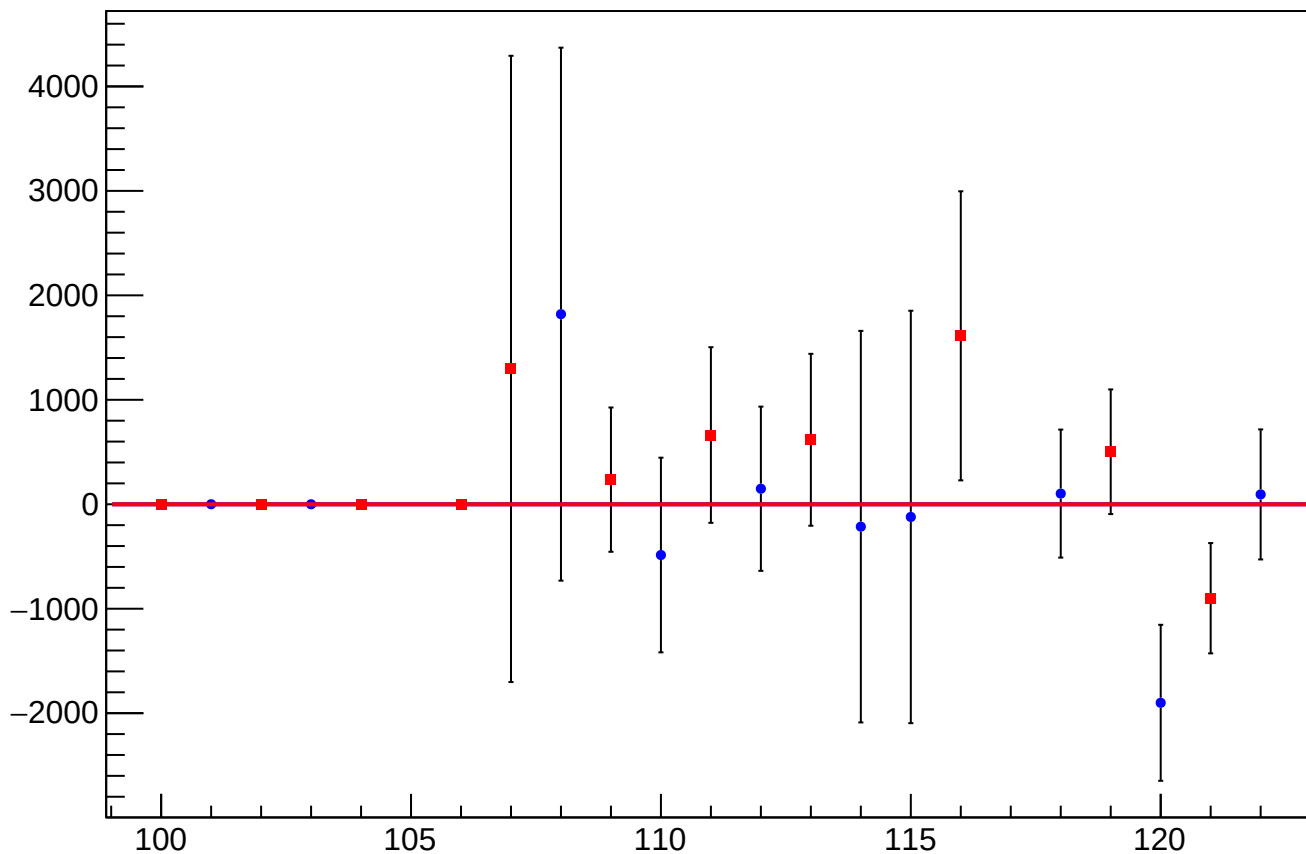
Right: 395.547+/-0.170 χ^2/NDF : 9470037.3/20

In: 398.526+/-0.251 χ^2/NDF : 4816092.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.547+/-0.170 χ^2/NDF : 9470037.3/20

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 : 6.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

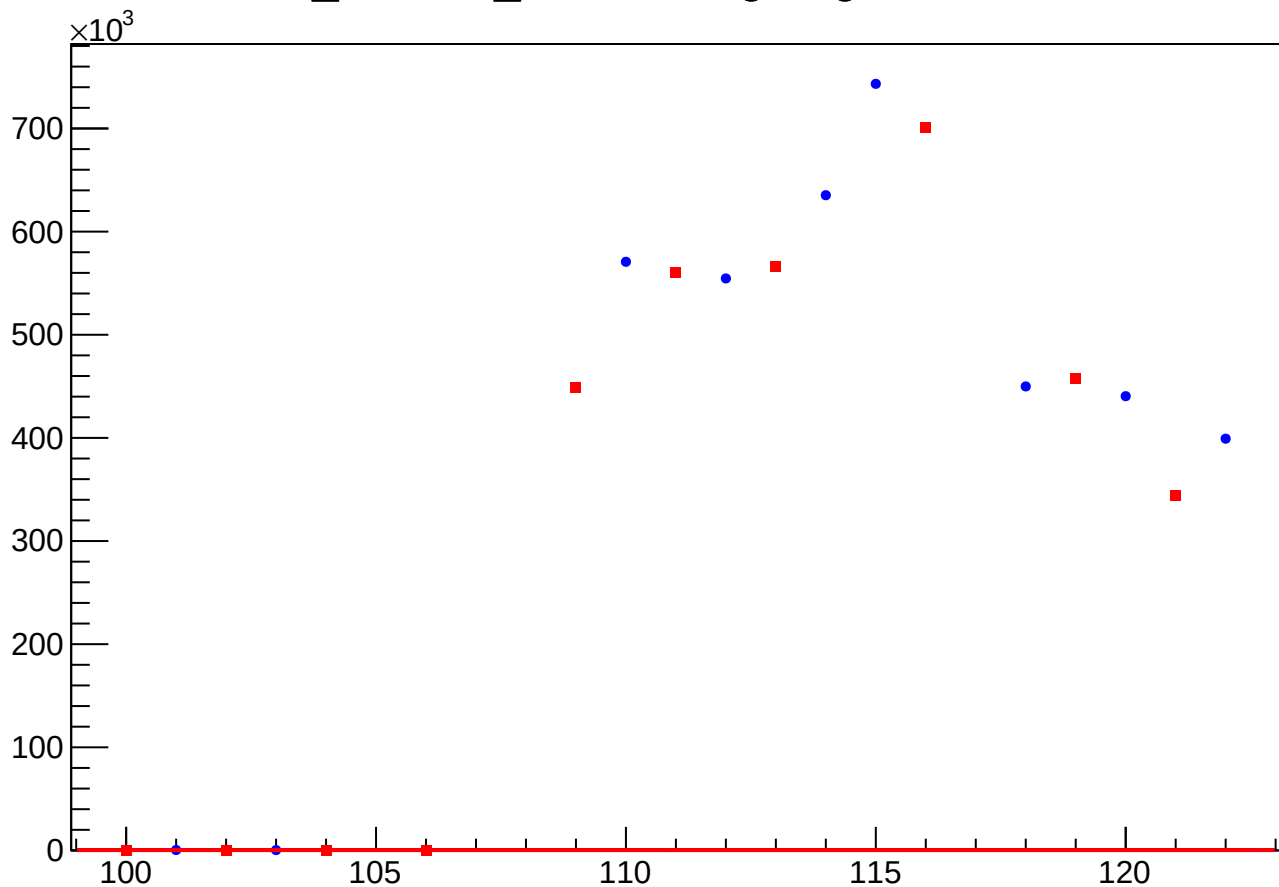
Right: -0.329 ± 0.237 χ^2/NDF : 16.1/20

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 : 16.1/20

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: 387.146 $\pm$ 0.229 χ^2/NDF : 5207675.7/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

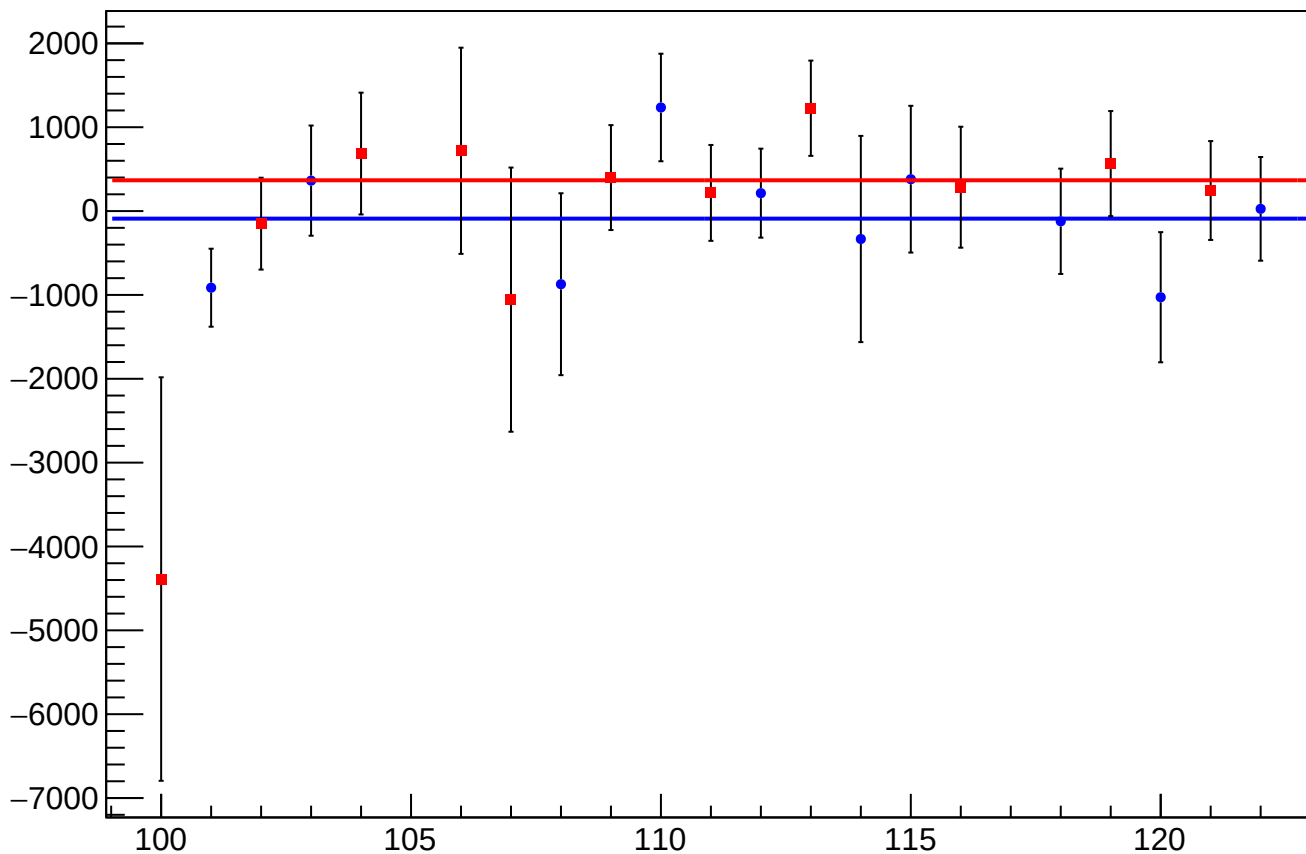
Right: 388.130 $\pm$ 0.167 χ^2/NDF : 10068391.9/18

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: 388.130 $\pm$ 0.167 χ^2/NDF : 10068391.9/18

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: 367.205 ± 210.698 χ^2/NDF : 8.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

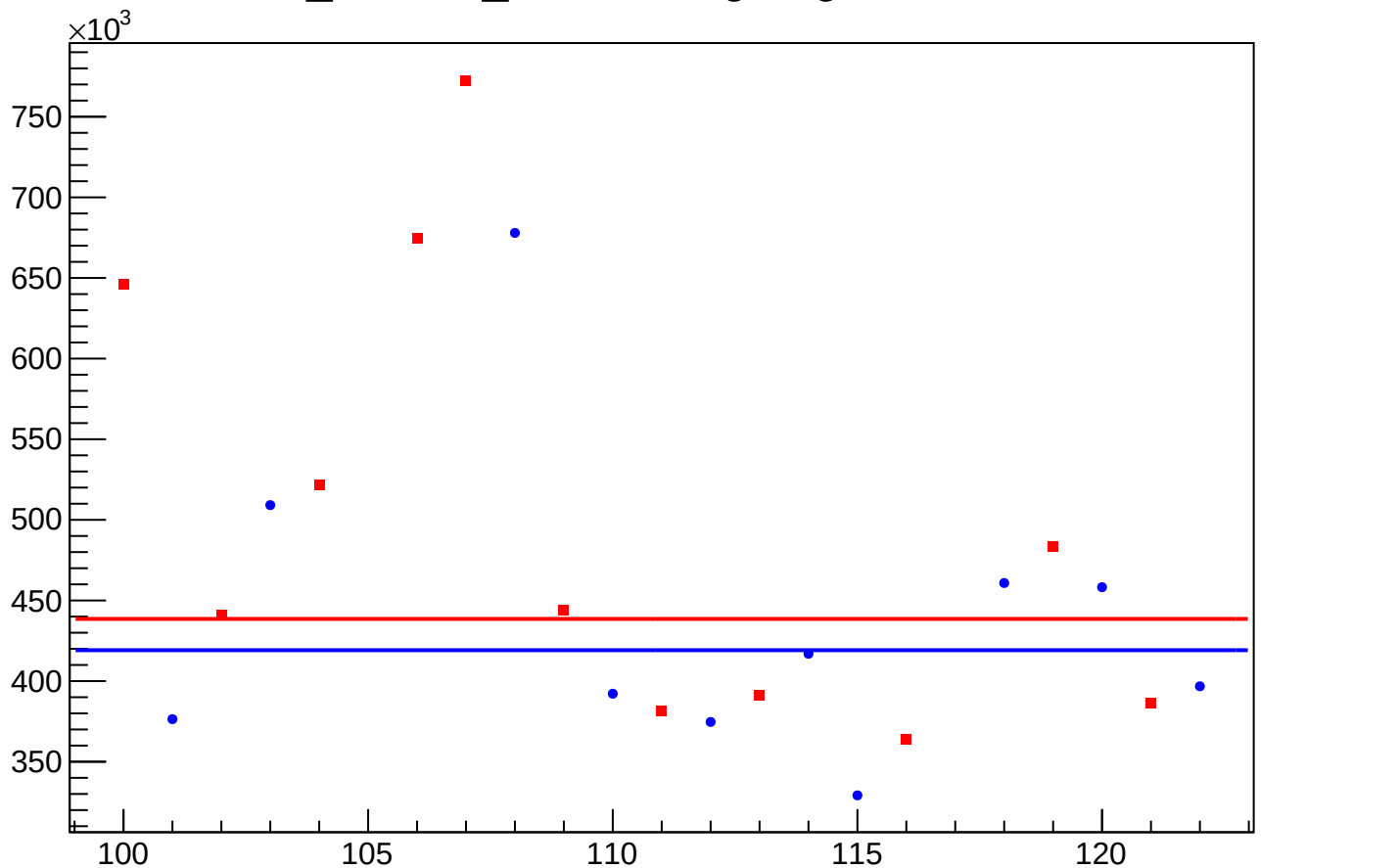
Right: 138.425 ± 148.941 χ^2/NDF : 21.3/20

In: -90.078 ± 210.571 χ^2/NDF : 10.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

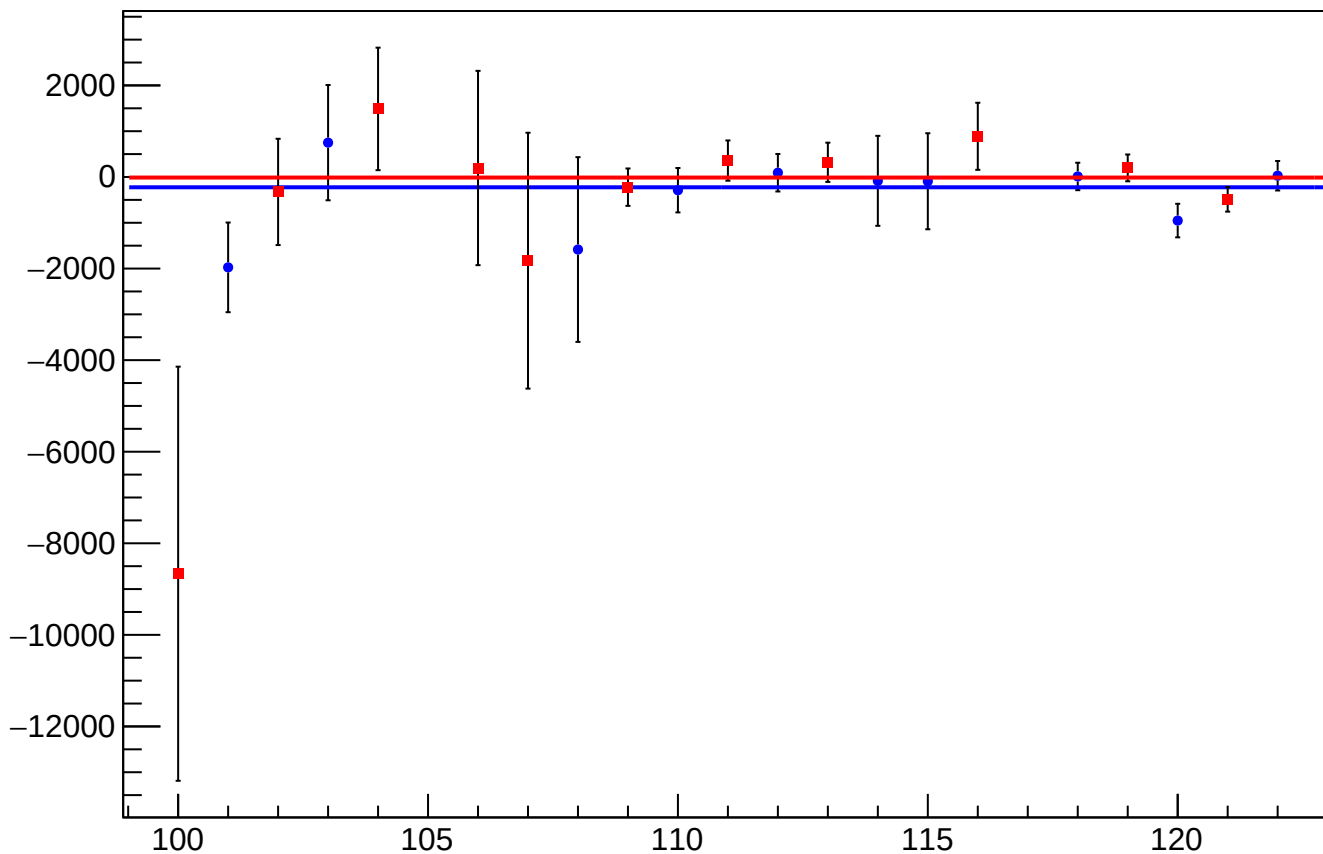
All: 138.425 ± 148.941 χ^2/NDF : 21.3/20

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 419161.400+/-148.896 χ^2/NDF : 223561.3/9
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 428852.408+/-105.342 χ^2/NDF : 515591.5/20
 Right Out: 438564.035+/-149.055 χ^2/NDF : 283548.9/10
 In: 419161.400+/-148.896 χ^2/NDF : 223561.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 428852.408+/-105.342 χ^2/NDF : 515591.5/20

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -224.858 $\pm$ 153.710 χ^2 /NDF: 10.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.211 $\pm$ 147.862 χ^2 /NDF: 12.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

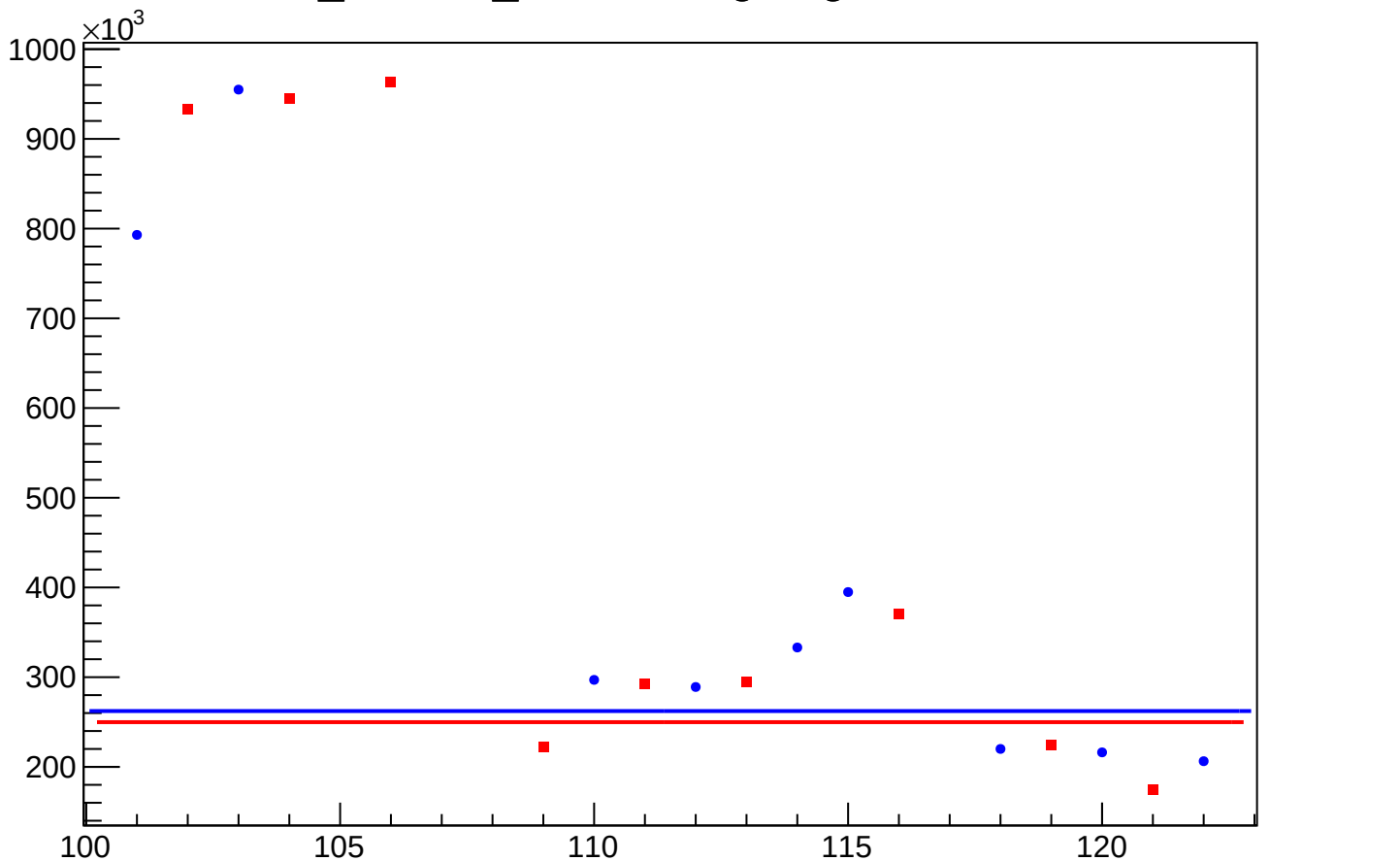
Right: -114.412 $\pm$ 106.561 χ^2 /NDF: 23.2/20

In: -224.858 $\pm$ 153.710 χ^2 /NDF: 10.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

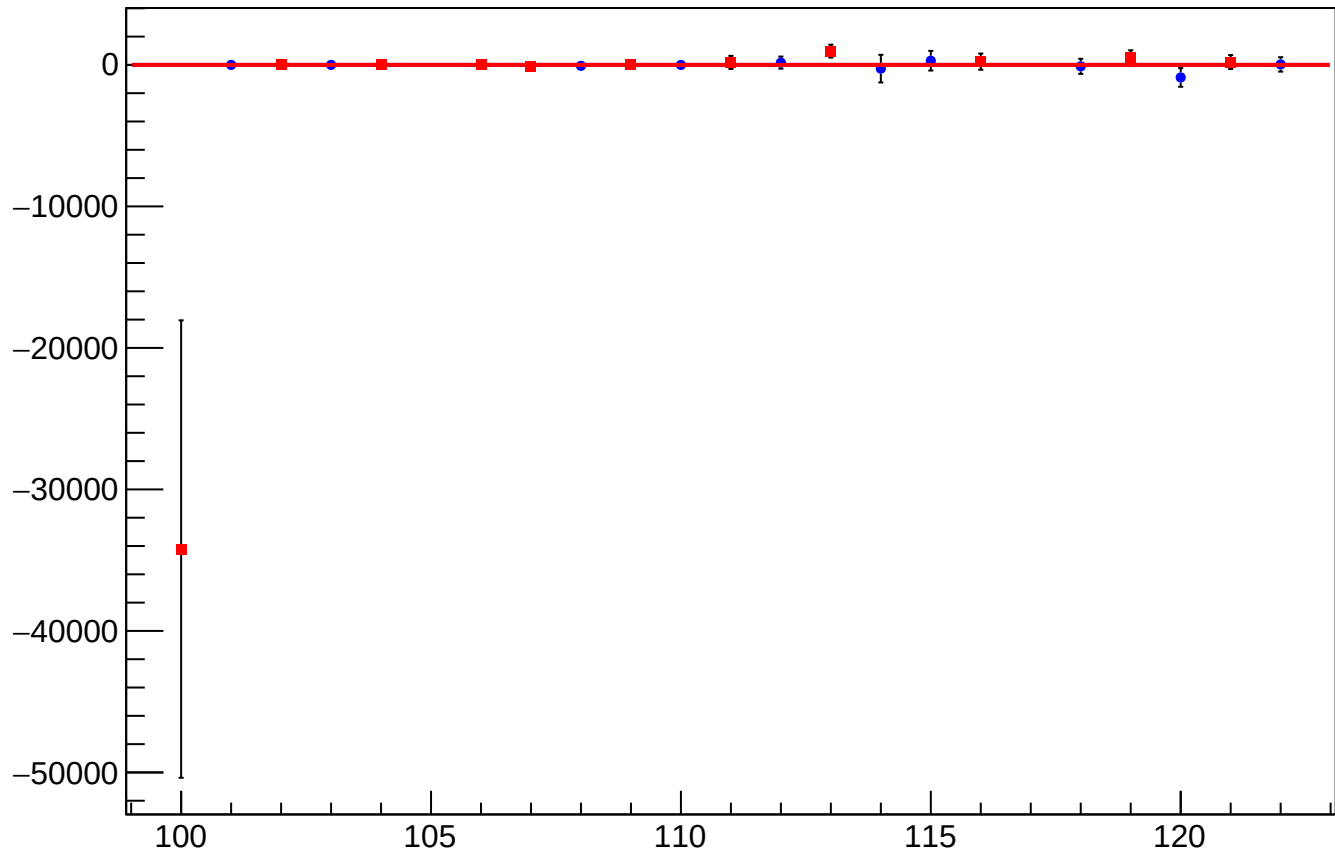
All: -114.412 $\pm$ 106.561 χ^2 /NDF: 23.2/20

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 262252.027 $\pm$ 109.267 χ^2/NDF : 1193594.5/8
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 249874.979 $\pm$ 105.303 χ^2/NDF : 1400505.3/8
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 255834.914 $\pm$ 75.823 χ^2/NDF : 2600752.2/17

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 : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

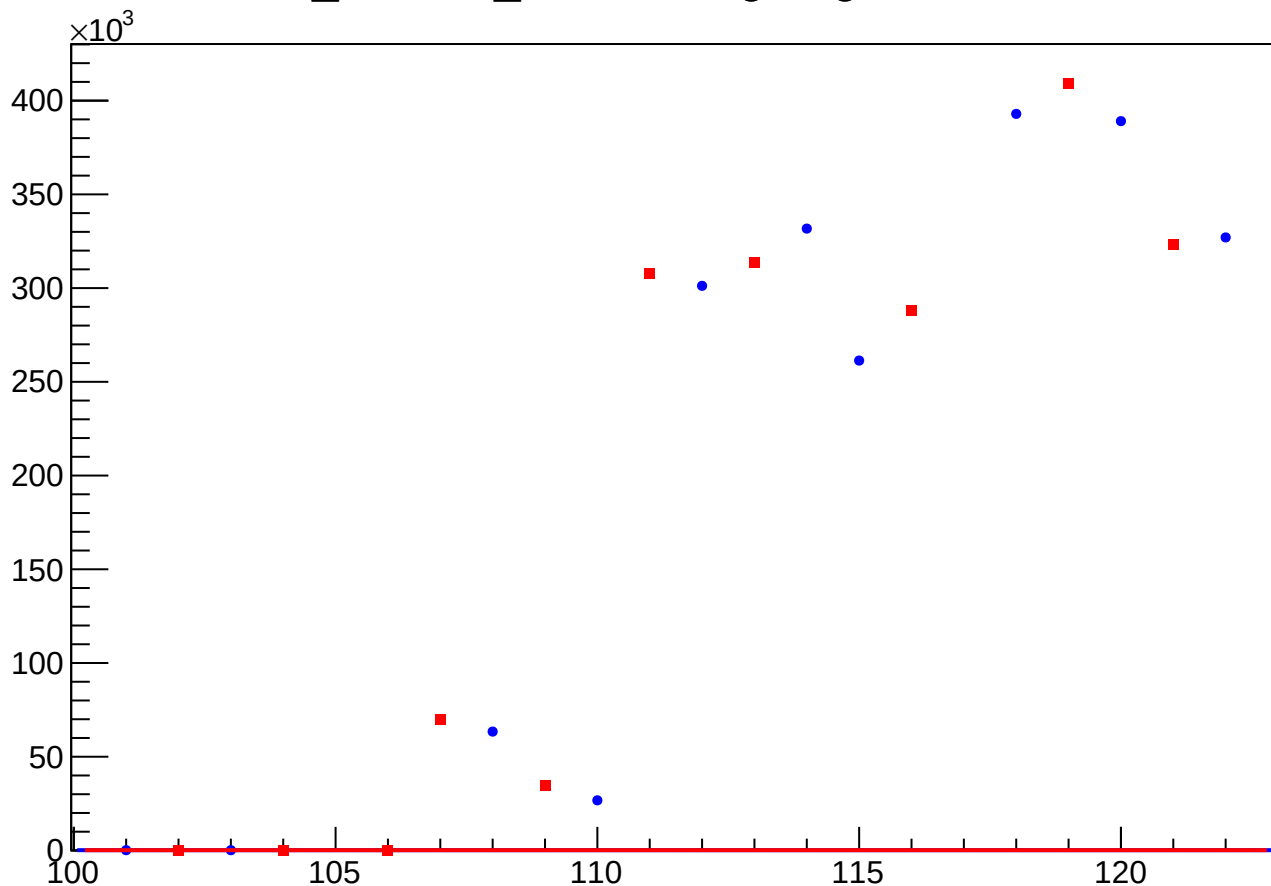
Right: 0.174+/-0.117 χ^2/NDF : 17.2/20

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 : 17.2/20

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.800 $\pm$ 0.122 χ^2/NDF : 5159392.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 149.161 $\pm$ 0.113 χ^2/NDF : 5473595.6/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

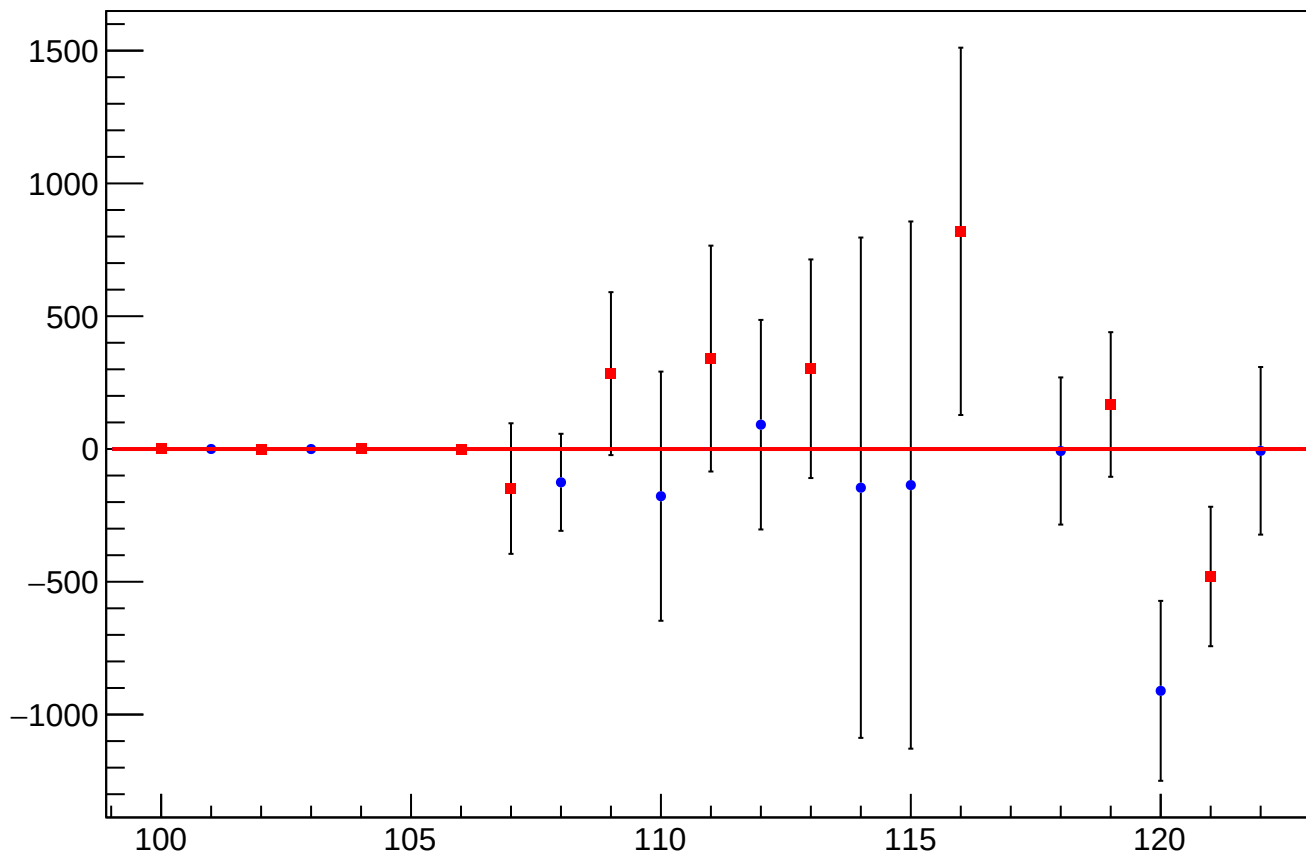
Right: 148.994 $\pm$ 0.083 χ^2/NDF : 10632992.8/19

In: 148.800 $\pm$ 0.122 χ^2/NDF :5159392.6/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 148.994 $\pm$ 0.083 χ^2/NDF : 10632992.8/19

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 : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

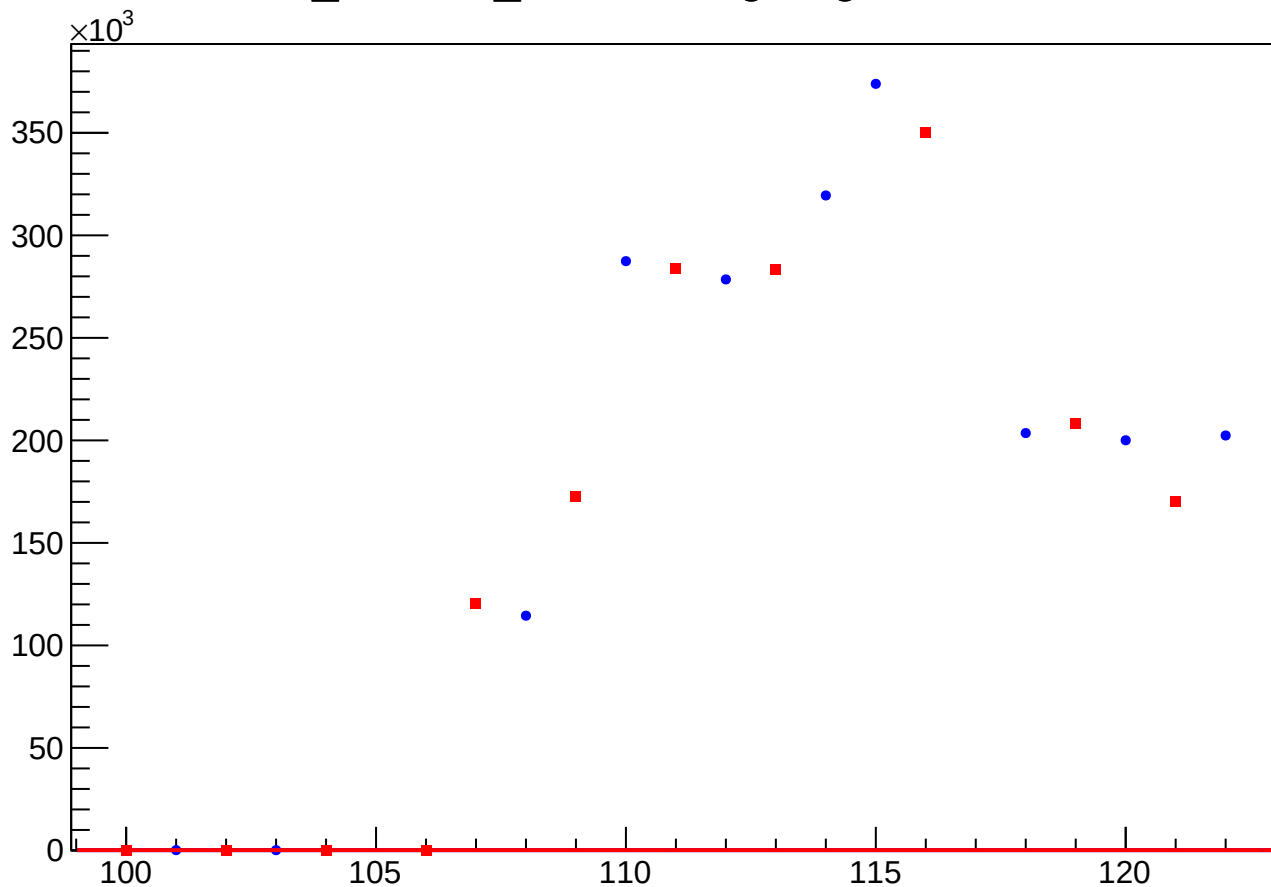
Right: -0.099+/-0.121 χ^2/NDF : 15.9/20

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 : 15.9/20

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: 155.715 $\pm$ 0.118 χ^2/NDF : 5460746.3/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

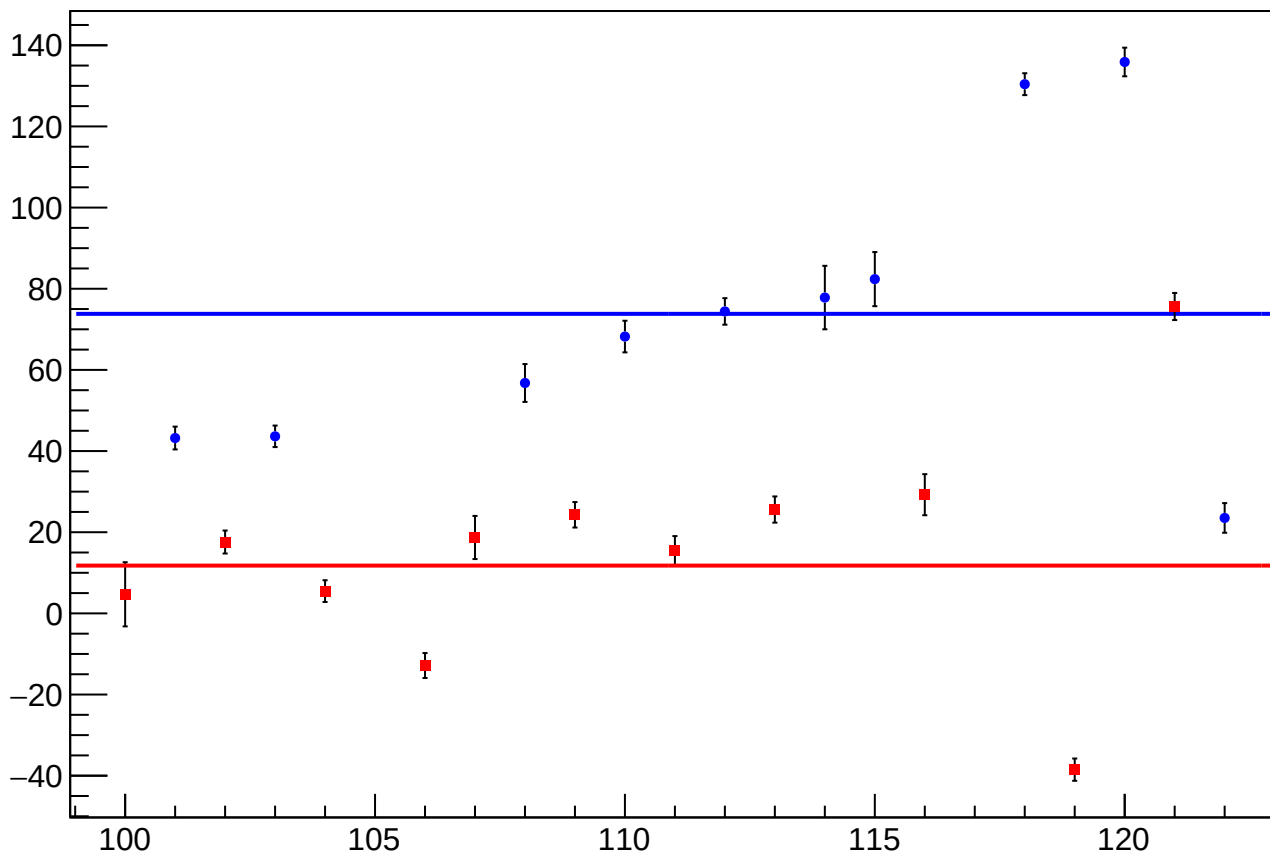
Right: 154.416 $\pm$ 0.086 χ^2/NDF : 11099064.0/20

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: 154.416 $\pm$ 0.086 χ^2/NDF : 11099064.0/20

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 73.812 $\pm$ 1.114 χ^2 /NDF: 1205.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.778 $\pm$ 1.022 χ^2 /NDF: 824.5/10

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

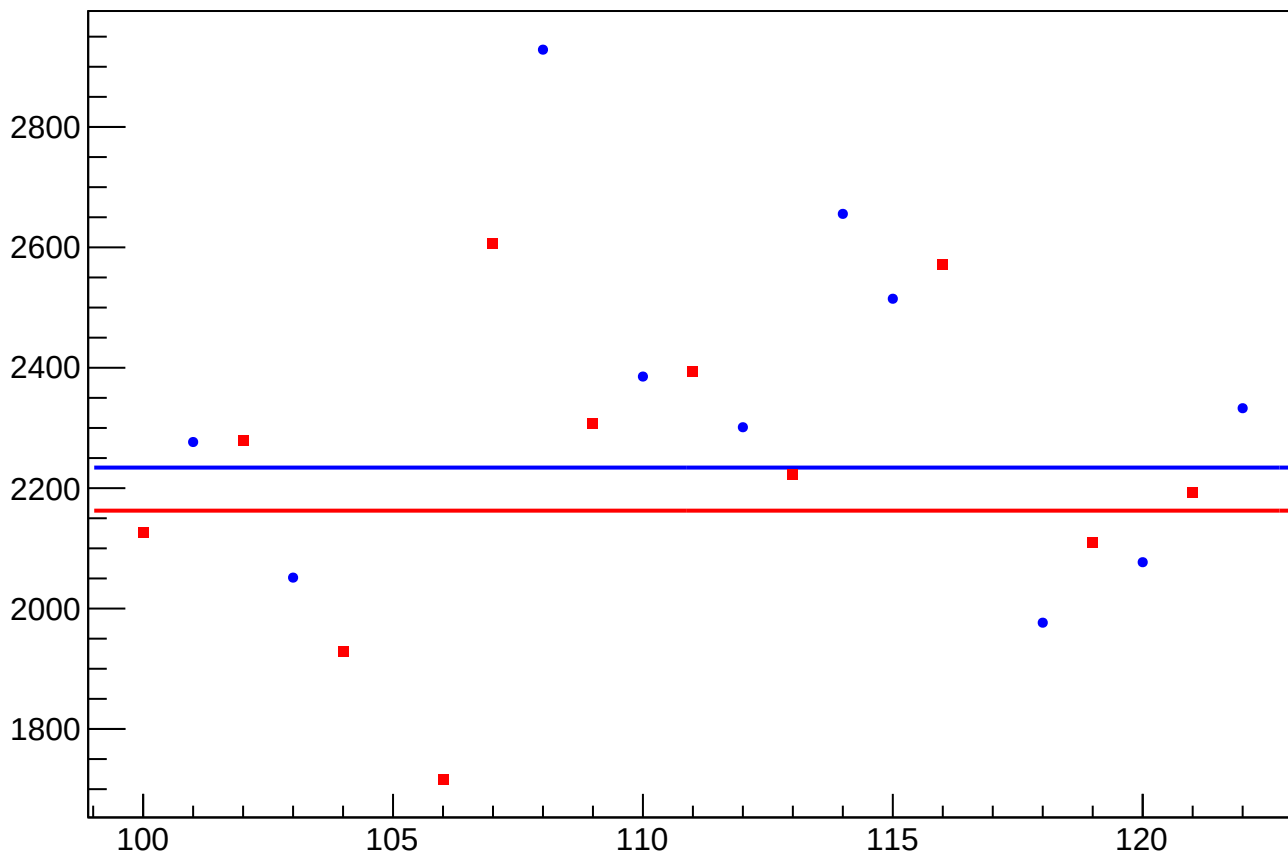
Right: 40.148 $\pm$ 0.753 χ^2 /NDF: 3713.5/20

In: 73.812 $\pm$ 1.114 χ^2 /NDF:1205.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.148 $\pm$ 0.753 χ^2 /NDF: 3713.5/20

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: 2162.644+/-0.723 χ^2/NDF : 101931.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

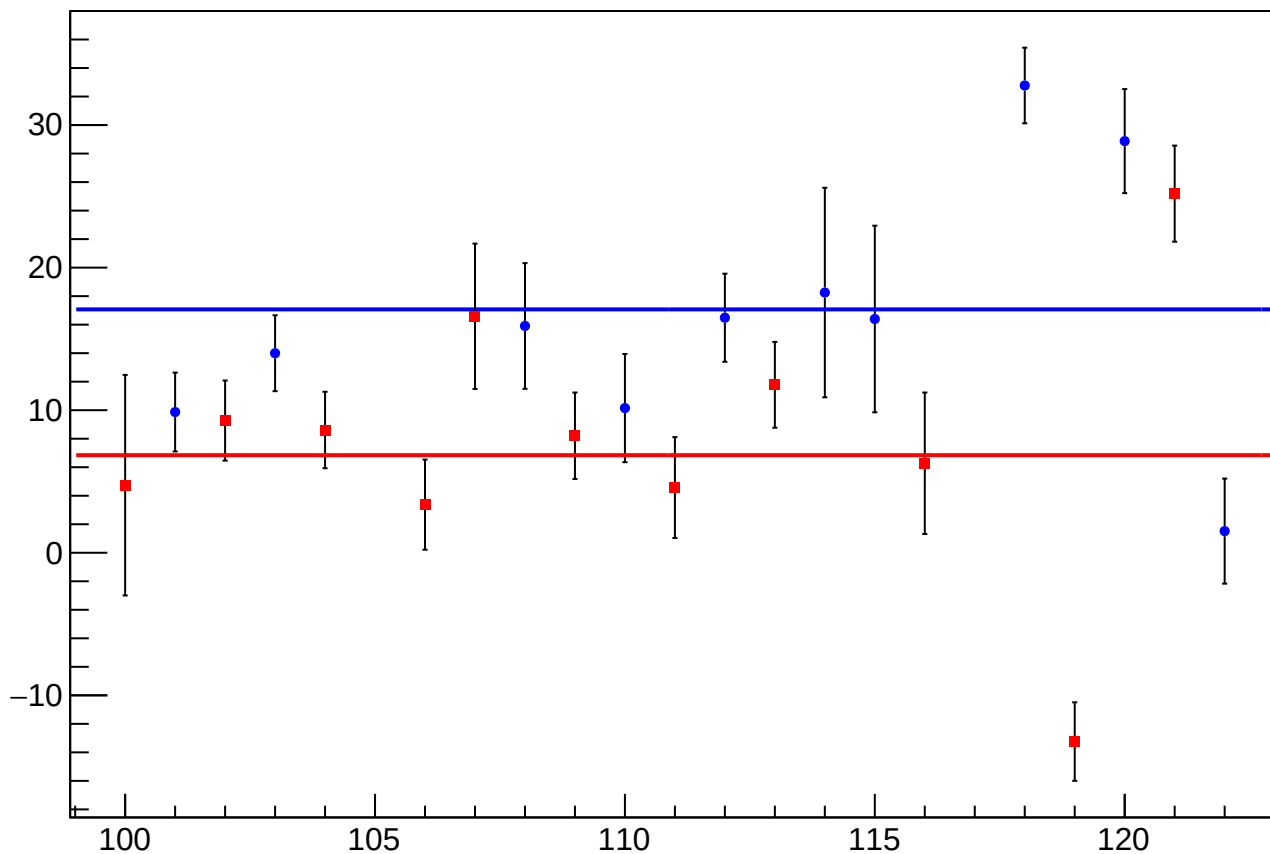
Right: 2195.370+/-0.533 χ^2/NDF : 197593.7/20

In: 2234.202+/-0.788 χ^2/NDF : 91182.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.370+/-0.533 χ^2/NDF : 197593.7/20

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: 6.844 $\pm$ 1.010 χ^2 /NDF: 92.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

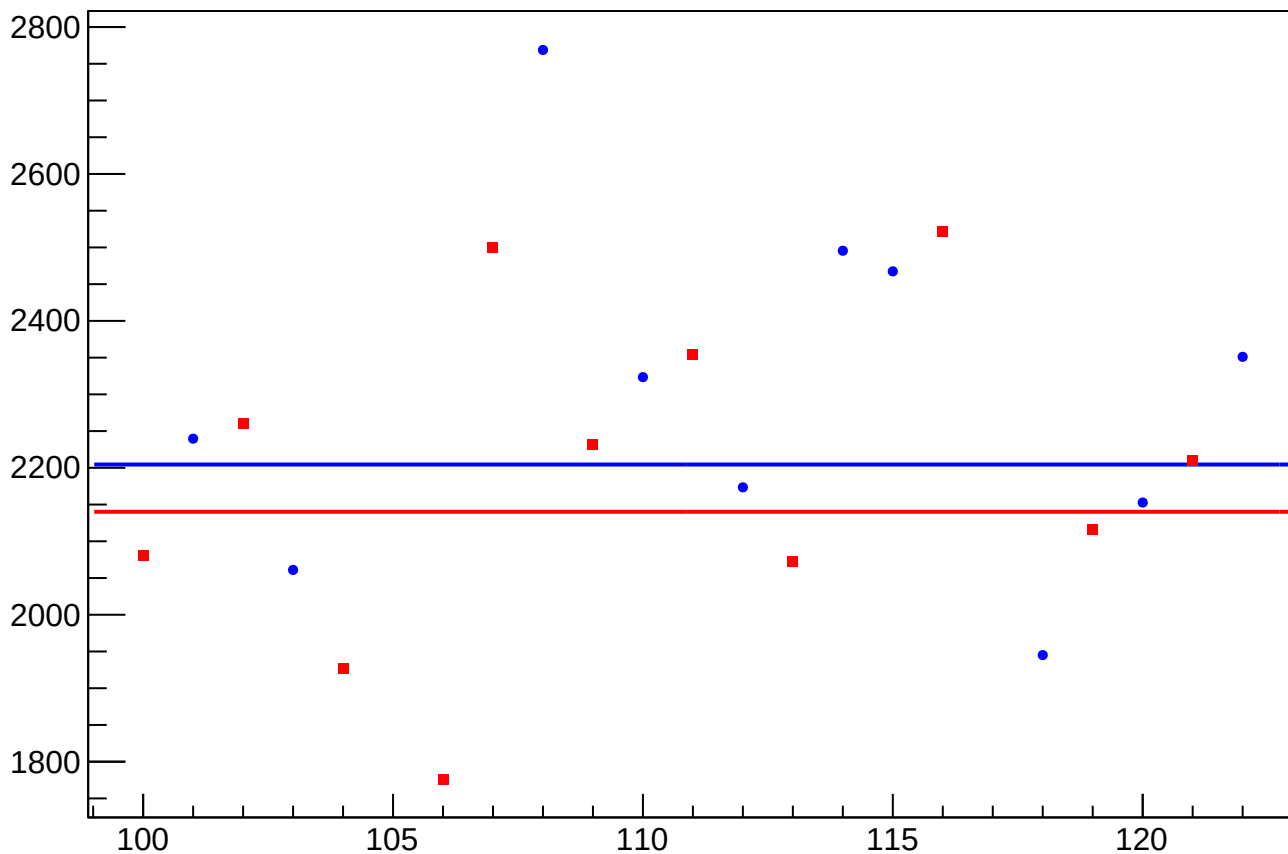
Right: 11.531 $\pm$ 0.743 χ^2 /NDF: 214.2/20

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: 11.531 $\pm$ 0.743 χ^2 /NDF: 214.2/20

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: 2140.174+/-0.714 χ^2/NDF : 76022.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

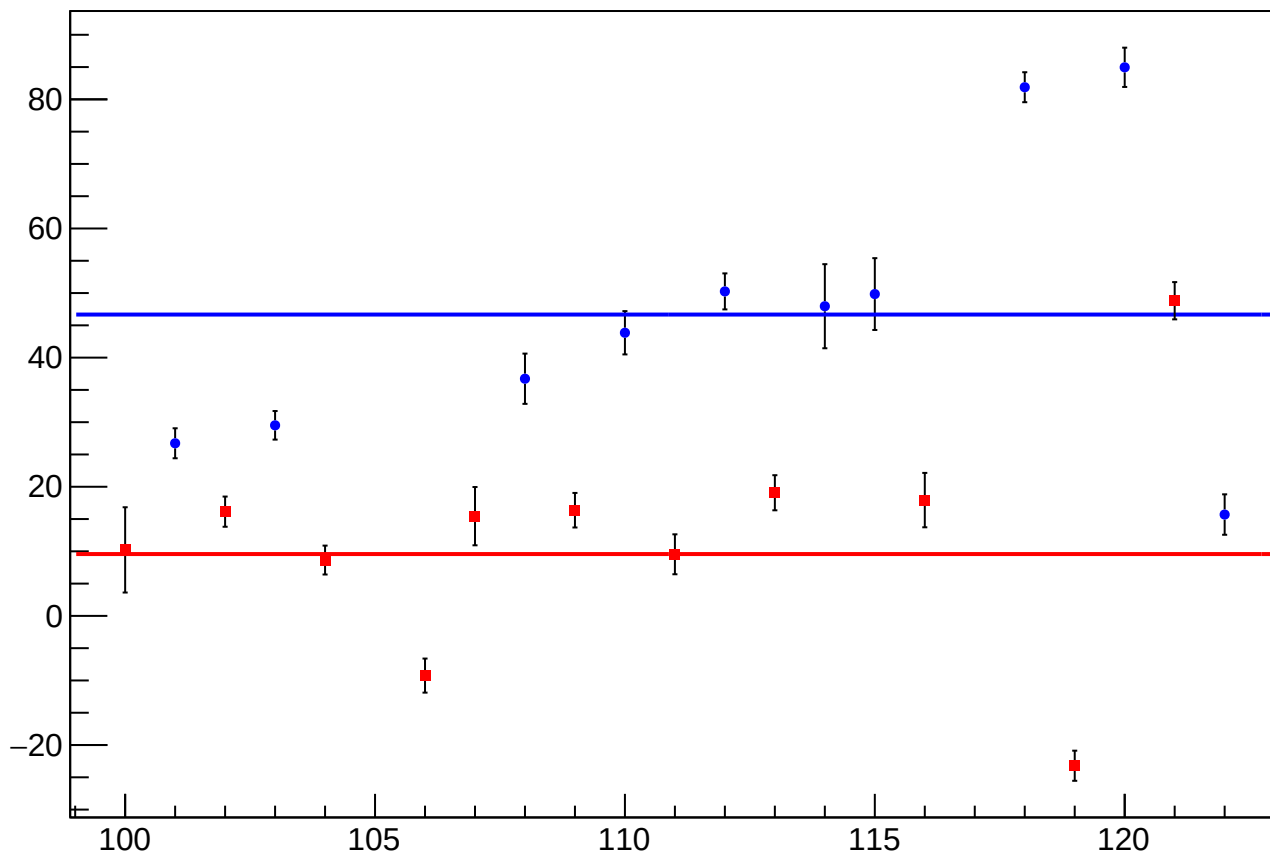
Right: 2169.655+/-0.525 χ^2/NDF : 149849.0/20

In: 2204.489+/-0.776 χ^2/NDF : 70107.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2169.655+/-0.525 χ^2/NDF : 149849.0/20

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 46.670 $\pm$ 0.943 χ^2 /NDF: 629.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.577 $\pm$ 0.864 χ^2 /NDF: 465.7/10

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

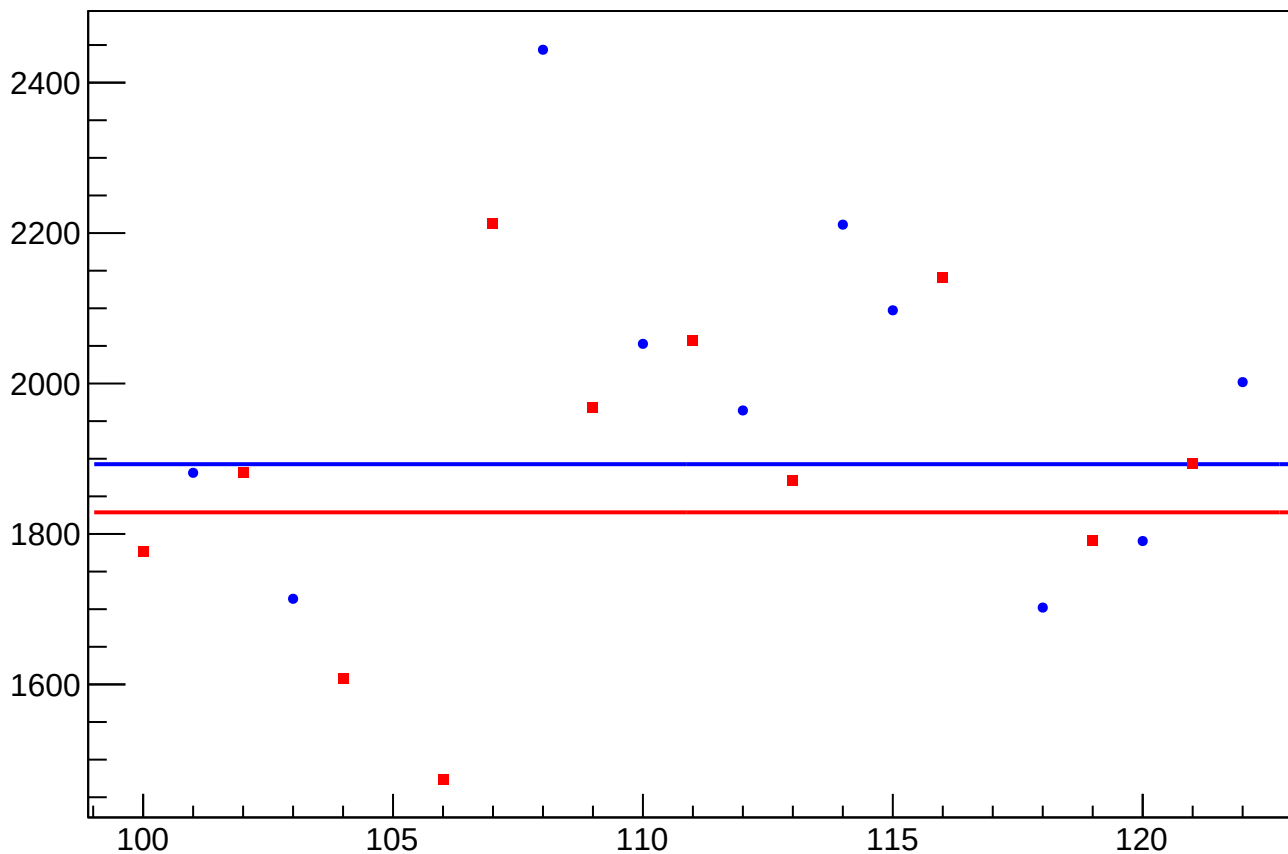
Right: 26.514 $\pm$ 0.637 χ^2 /NDF: 1935.7/20

In: 46.670 $\pm$ 0.943 χ^2 /NDF:629.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.514 $\pm$ 0.637 χ^2 /NDF: 1935.7/20

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: 1828.752+/-0.611 χ^2/NDF : 100760.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

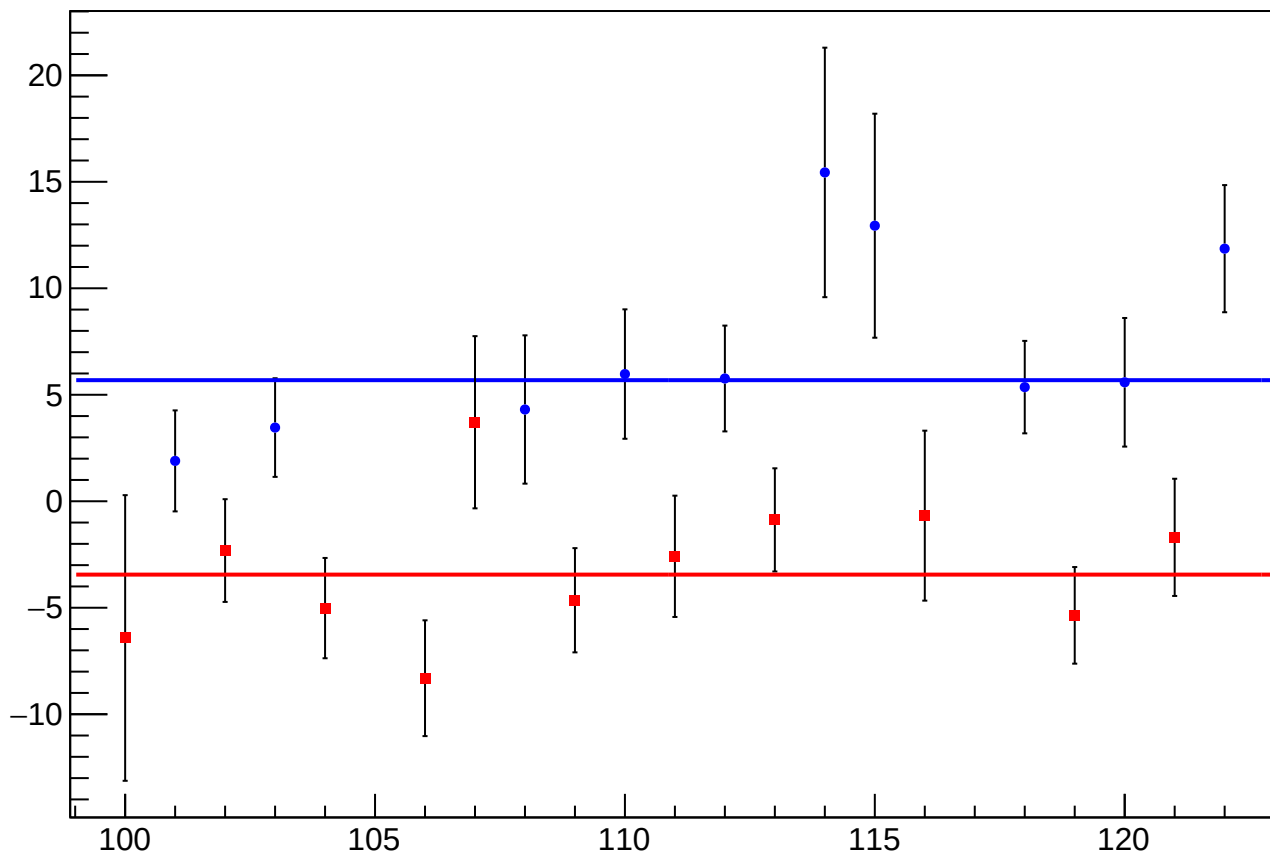
Right: 1857.976+/-0.451 χ^2/NDF : 190497.3/20

In: 1892.756+/-0.667 χ^2/NDF : 84730.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1857.976+/-0.451 χ^2/NDF : 190497.3/20

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: -3.444 $\pm$ 0.839 χ^2 /NDF: 10.3/10

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

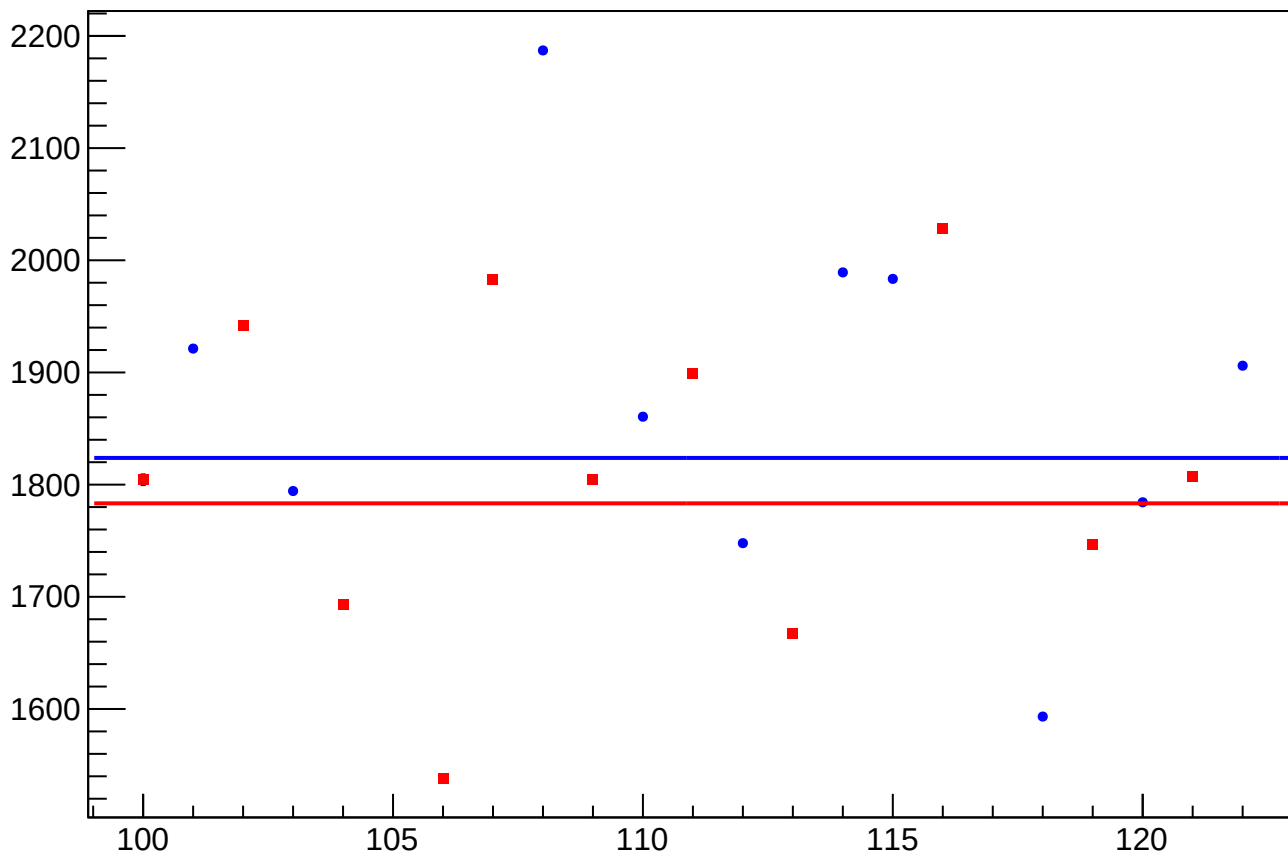
Right: 0.767 $\pm$ 0.616 χ^2 /NDF: 77.5/20

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: 0.767 $\pm$ 0.616 χ^2 /NDF: 77.5/20

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: 1783.313+/-0.593 χ^2/NDF : 48959.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

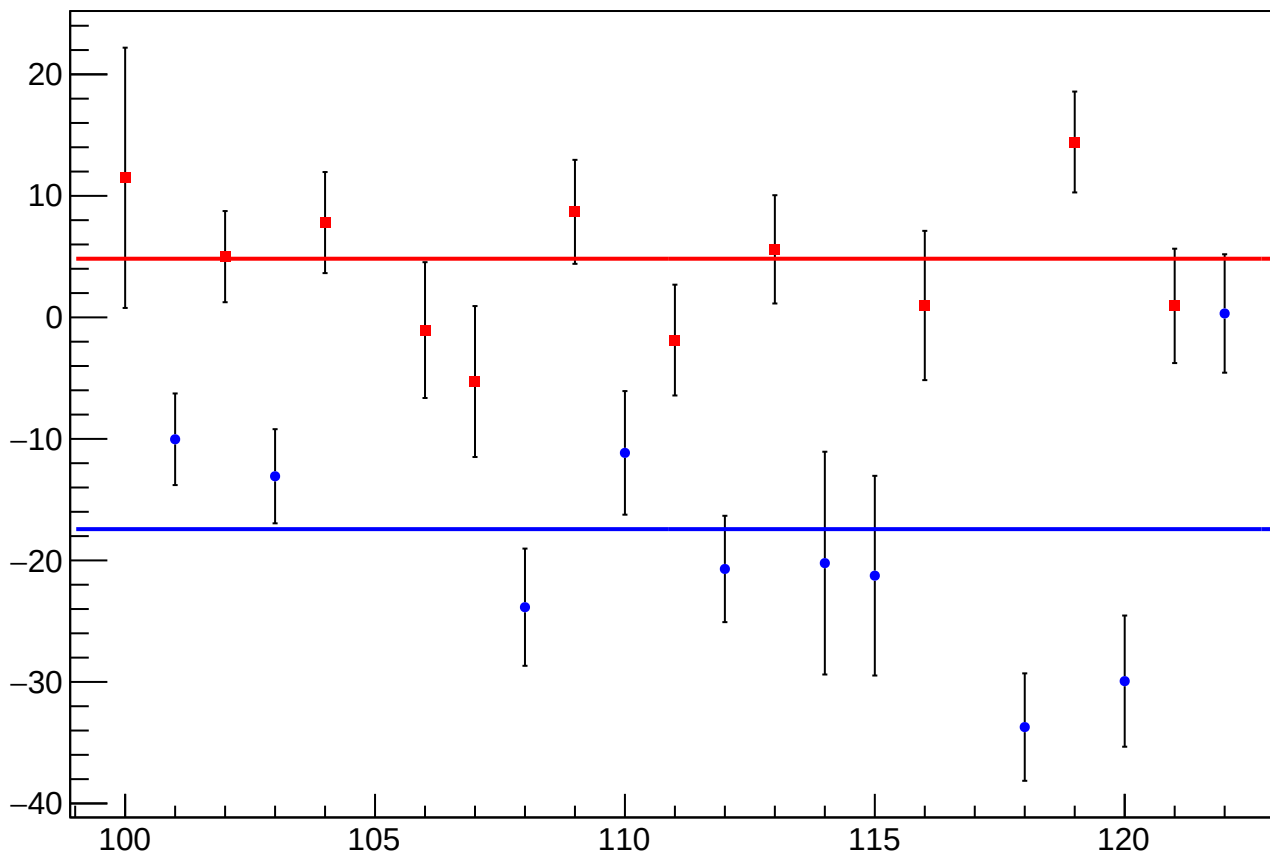
Right: 1801.997+/-0.435 χ^2/NDF : 106609.3/20

In: 1823.820+/-0.641 χ^2/NDF : 55498.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1801.997+/-0.435 χ^2/NDF : 106609.3/20

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: 4.827+/-1.446 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

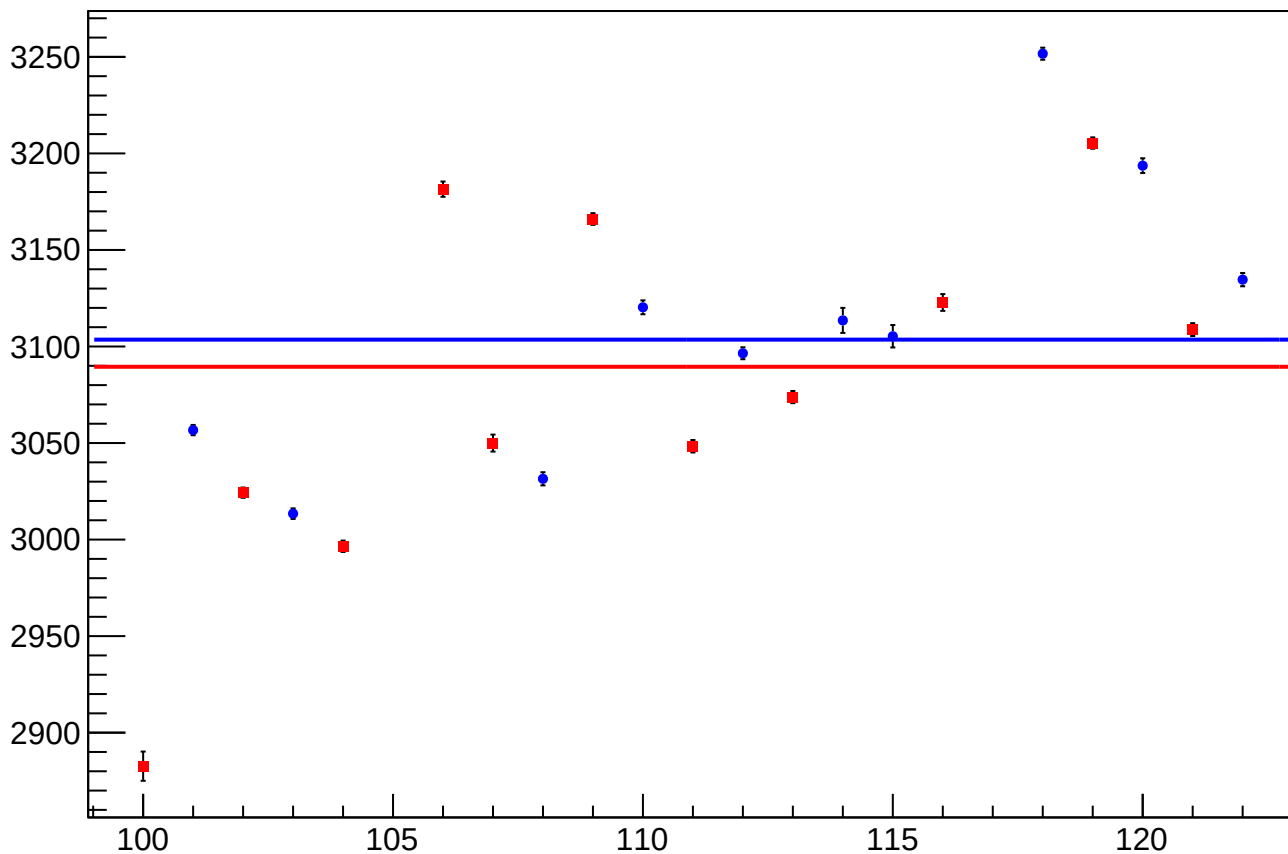
Right: -5.645+/-1.052 χ^2/NDF : 167.0/20

In: -17.426+/-1.534 χ^2/NDF : 41.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.645+/-1.052 χ^2/NDF : 167.0/20

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: 3089.499 $\pm$ 1.022 χ^2 /NDF: 5450.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

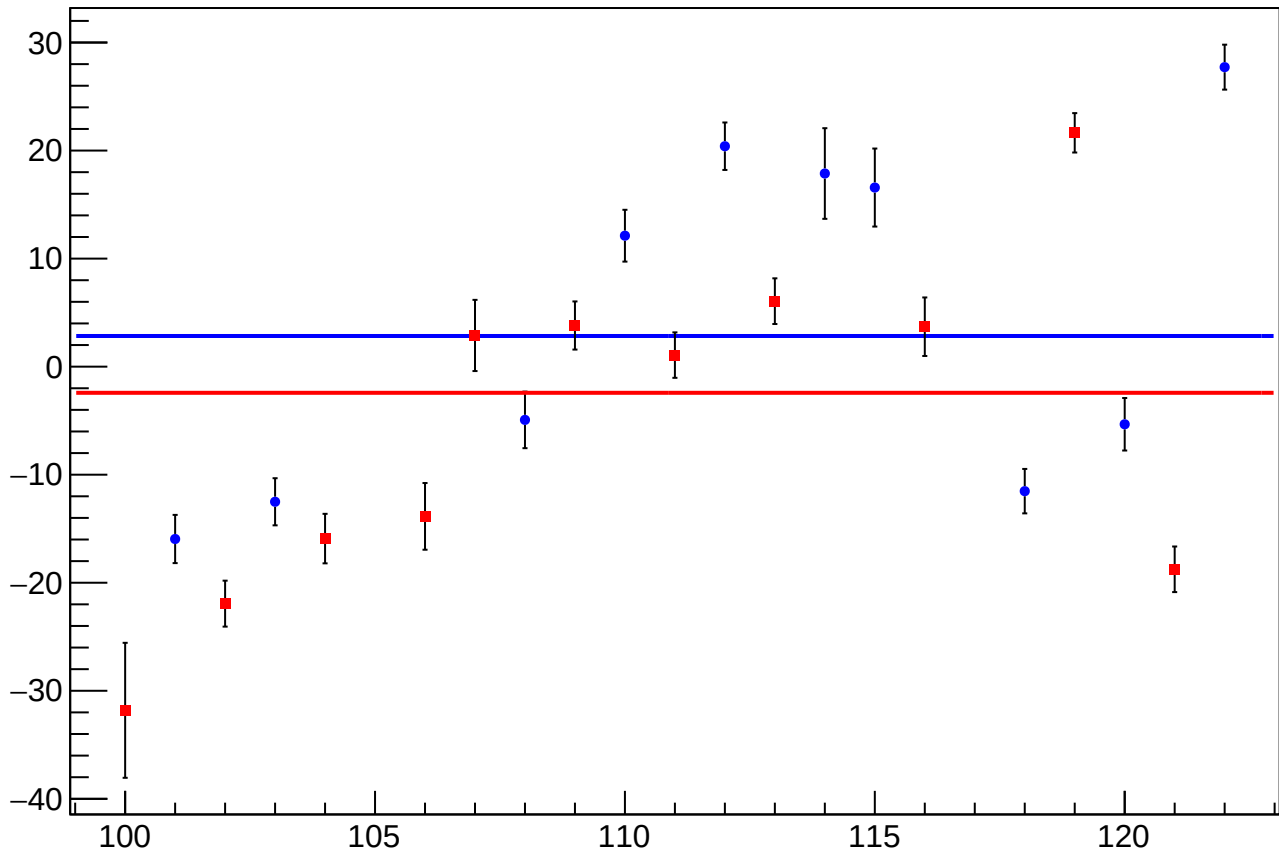
Right: 3096.114 $\pm$ 0.744 χ^2 /NDF: 10290.6/20

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: 3096.114 $\pm$ 0.744 χ^2 /NDF: 10290.6/20

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: -2.421+/-0.717 χ^2/NDF : 423.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

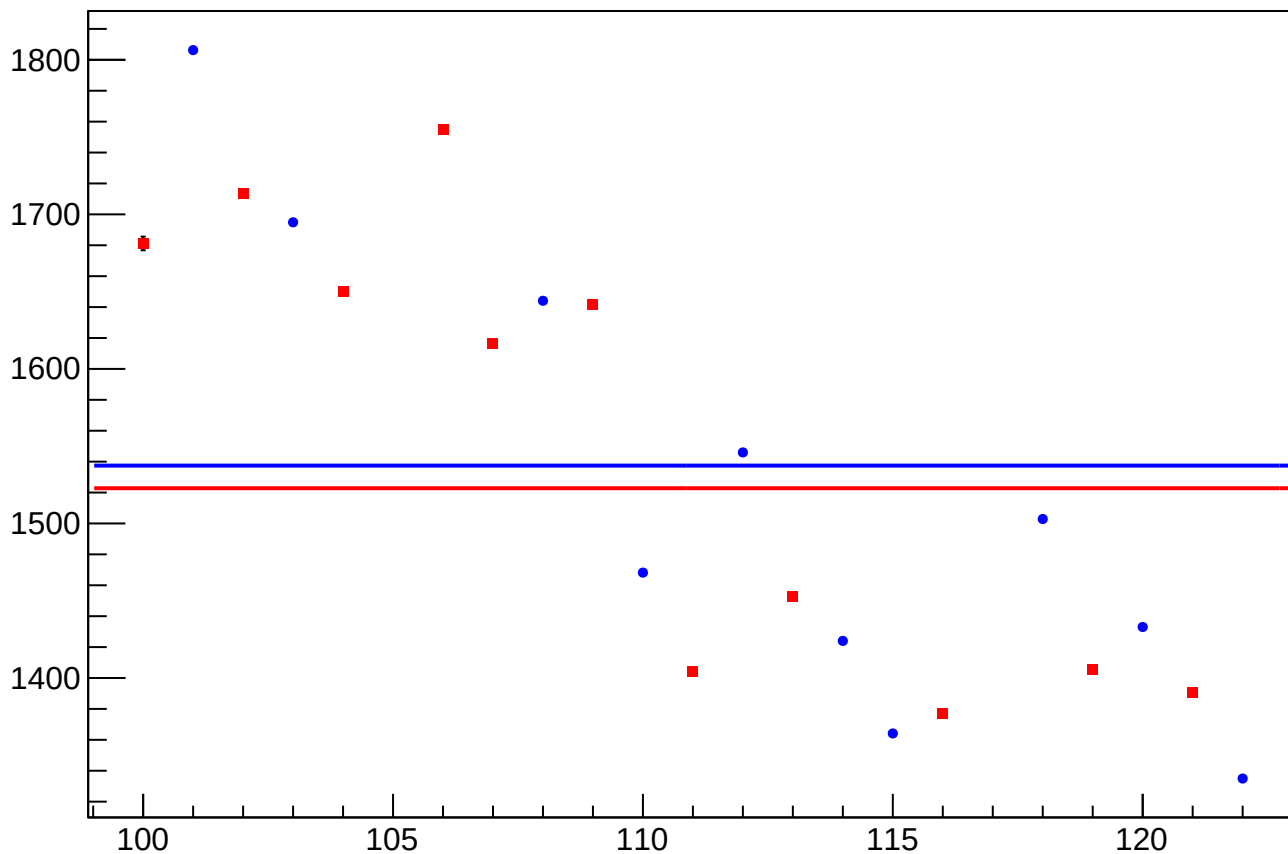
Right: 0.037+/-0.523 χ^2/NDF : 887.1/20

In: 2.838+/-0.765 χ^2/NDF :438.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.037+/-0.523 χ^2/NDF : 887.1/20

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: 1522.795+/-0.507 χ^2/NDF : 72630.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

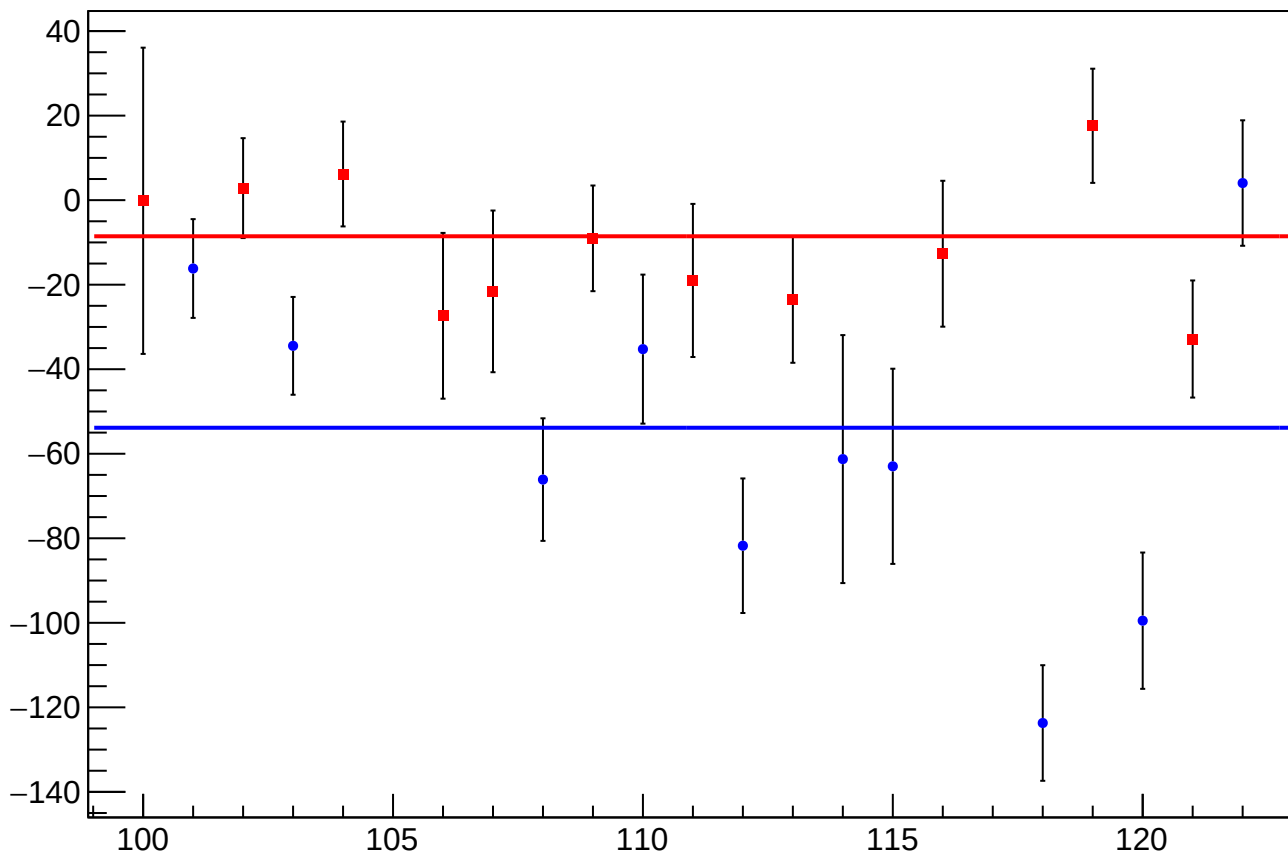
Right: 1529.635+/-0.370 χ^2/NDF : 146767.7/20

In: 1537.430+/-0.541 χ^2/NDF : 73747.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1529.635+/-0.370 χ^2/NDF : 146767.7/20

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: -8.547 $\pm$ 4.577 χ^2 /NDF: 12.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

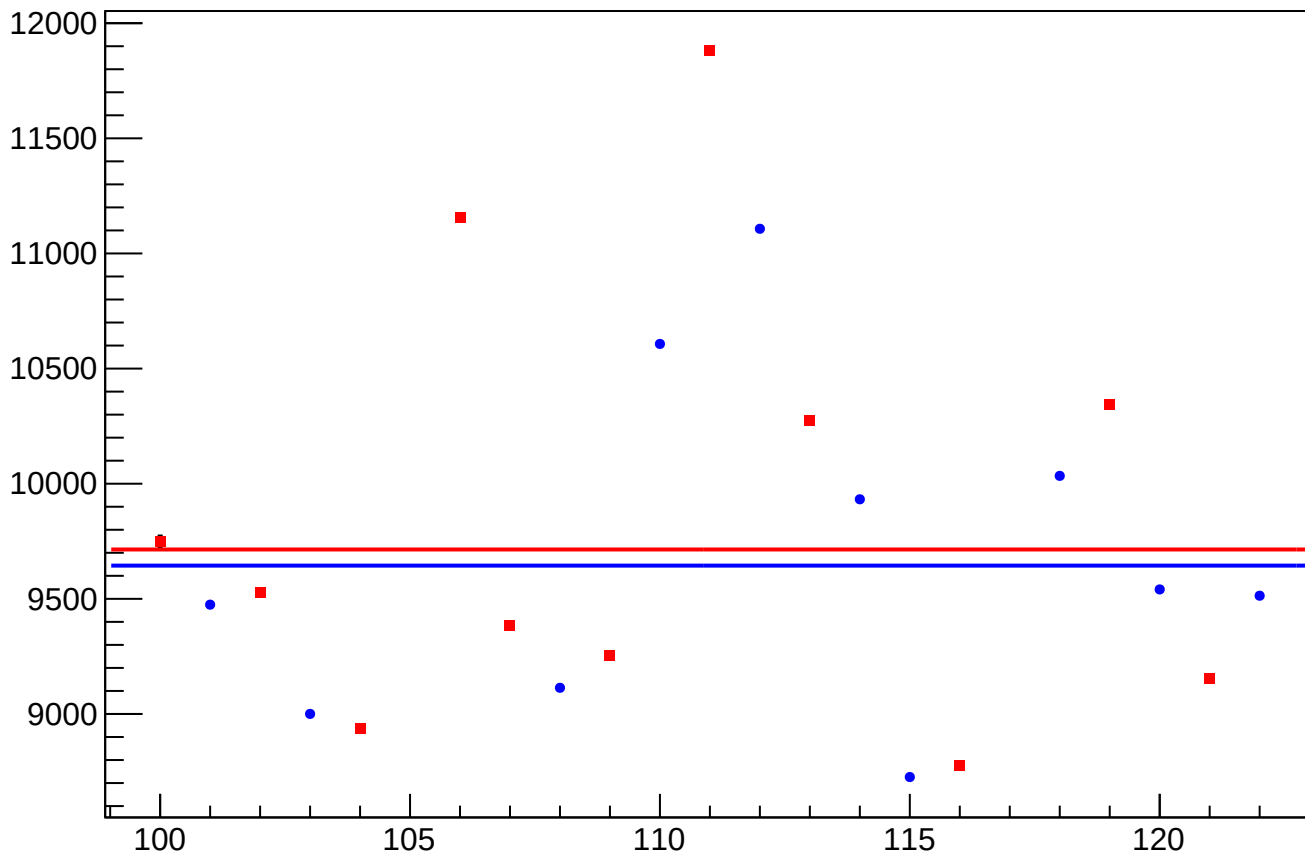
Right: -30.143 $\pm$ 3.311 χ^2 /NDF: 126.3/20

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: -30.143 $\pm$ 3.311 χ^2 /NDF: 126.3/20

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: 9714.399+/-3.237 χ^2/NDF : 67535.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

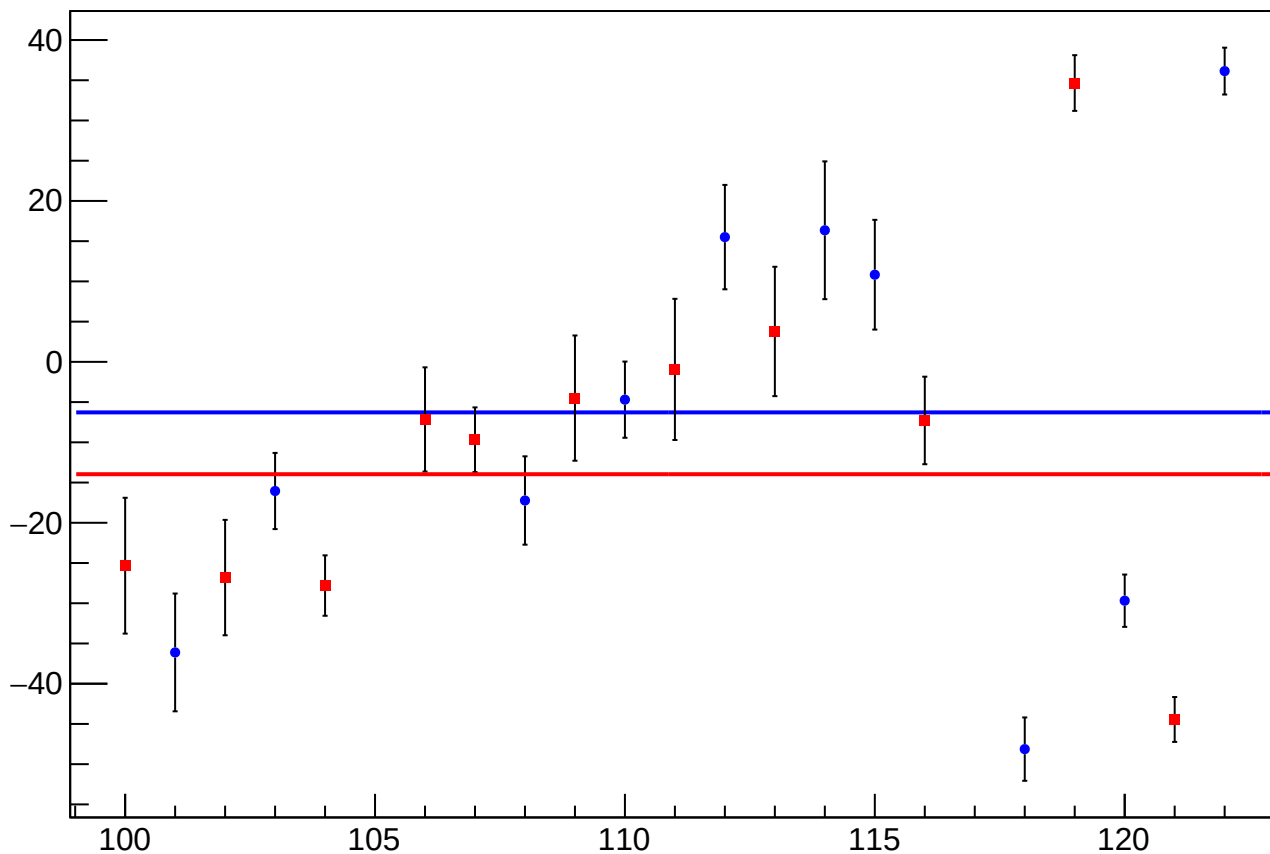
Right: 9680.996+/-2.341 χ^2/NDF : 105127.4/20

In: 9644.331+/-3.391 χ^2/NDF : 37368.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9680.996+/-2.341 χ^2/NDF : 105127.4/20

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: -13.964+/-1.442 χ^2/NDF : 347.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

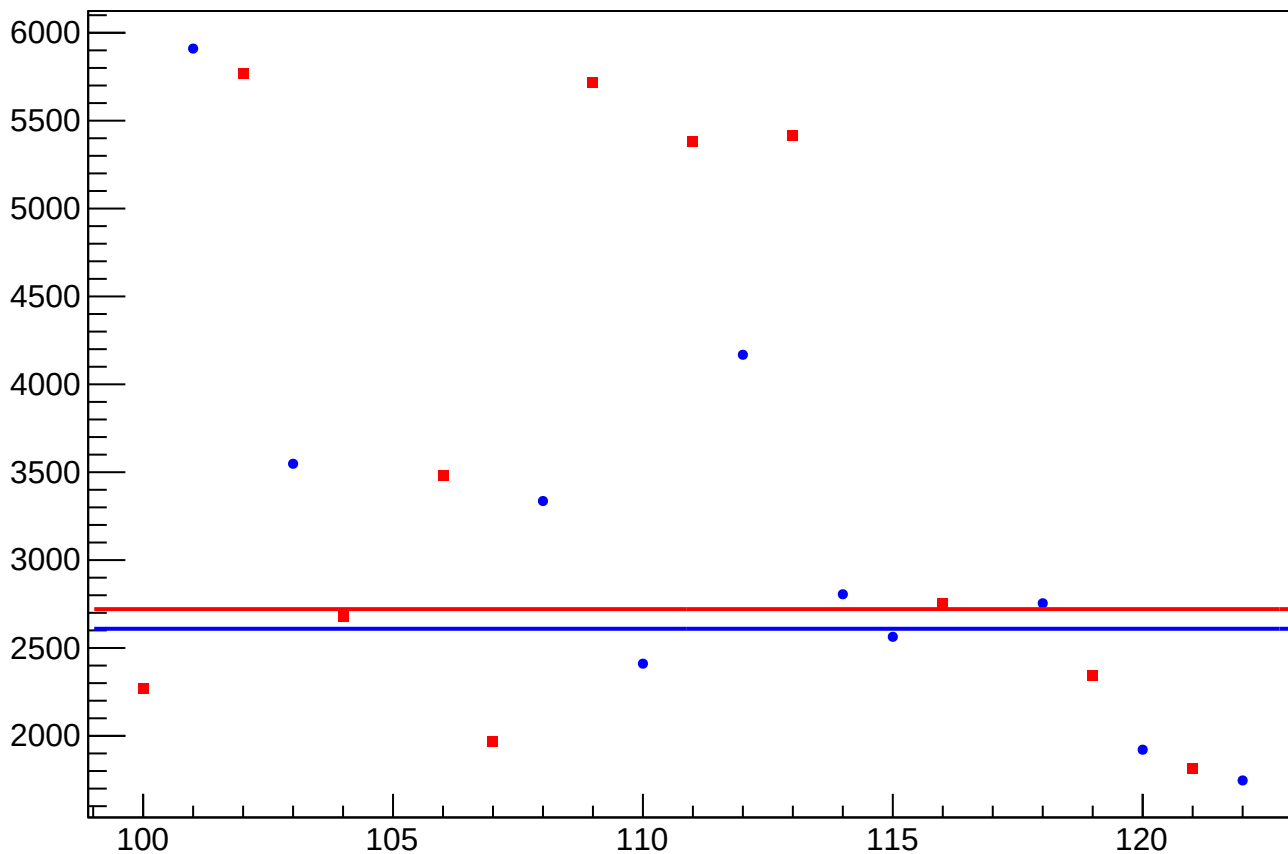
Right: -10.138+/-1.022 χ^2/NDF : 788.3/20

In: -6.280+/-1.448 χ^2/NDF : 426.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.138+/-1.022 χ^2/NDF : 788.3/20

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: 2721.080+/-1.020 χ^2/NDF : 1405531.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

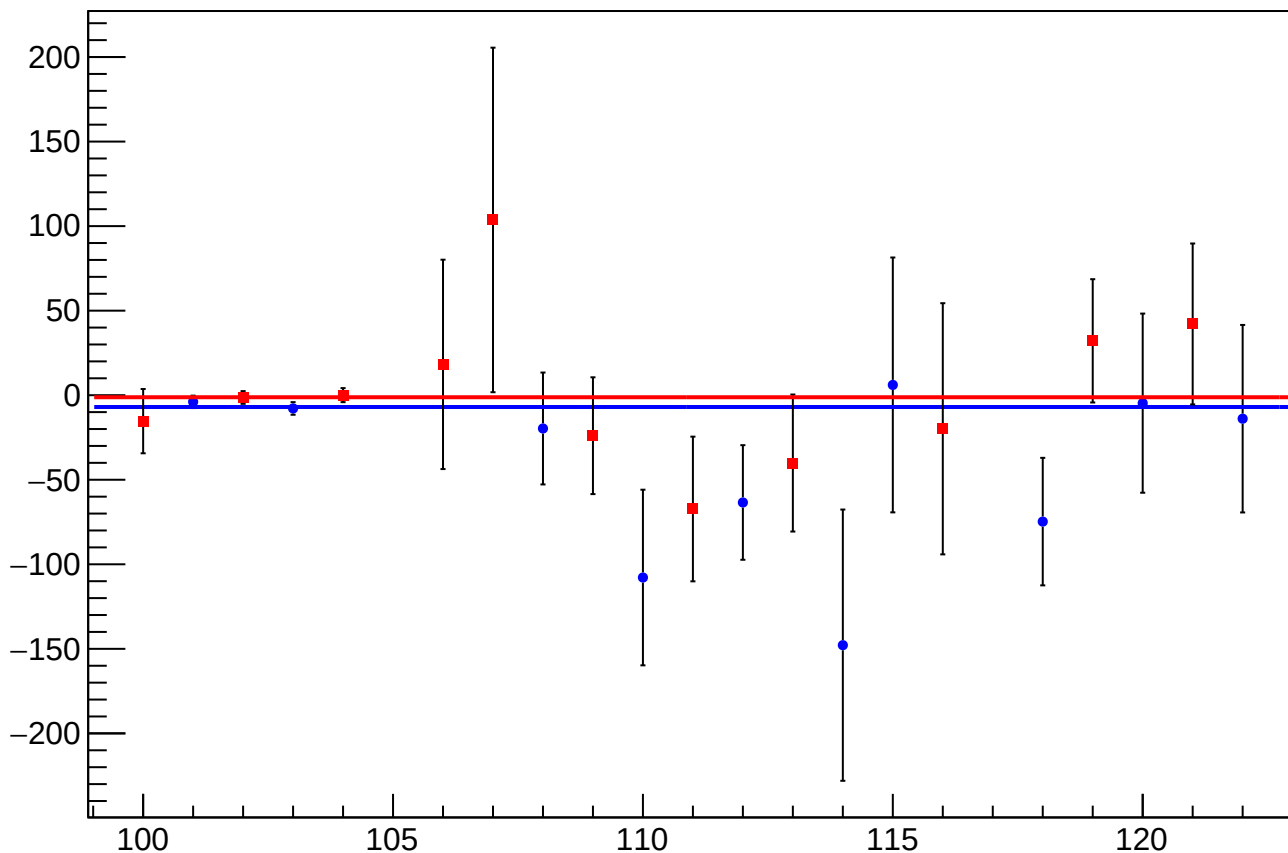
Right: 2665.425+/-0.722 χ^2/NDF : 2319968.6/20

In: 2609.309+/-1.024 χ^2/NDF : 908452.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2665.425+/-0.722 χ^2/NDF : 2319968.6/20

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: -1.199 $\pm$ 2.718 χ^2 /NDF: 7.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

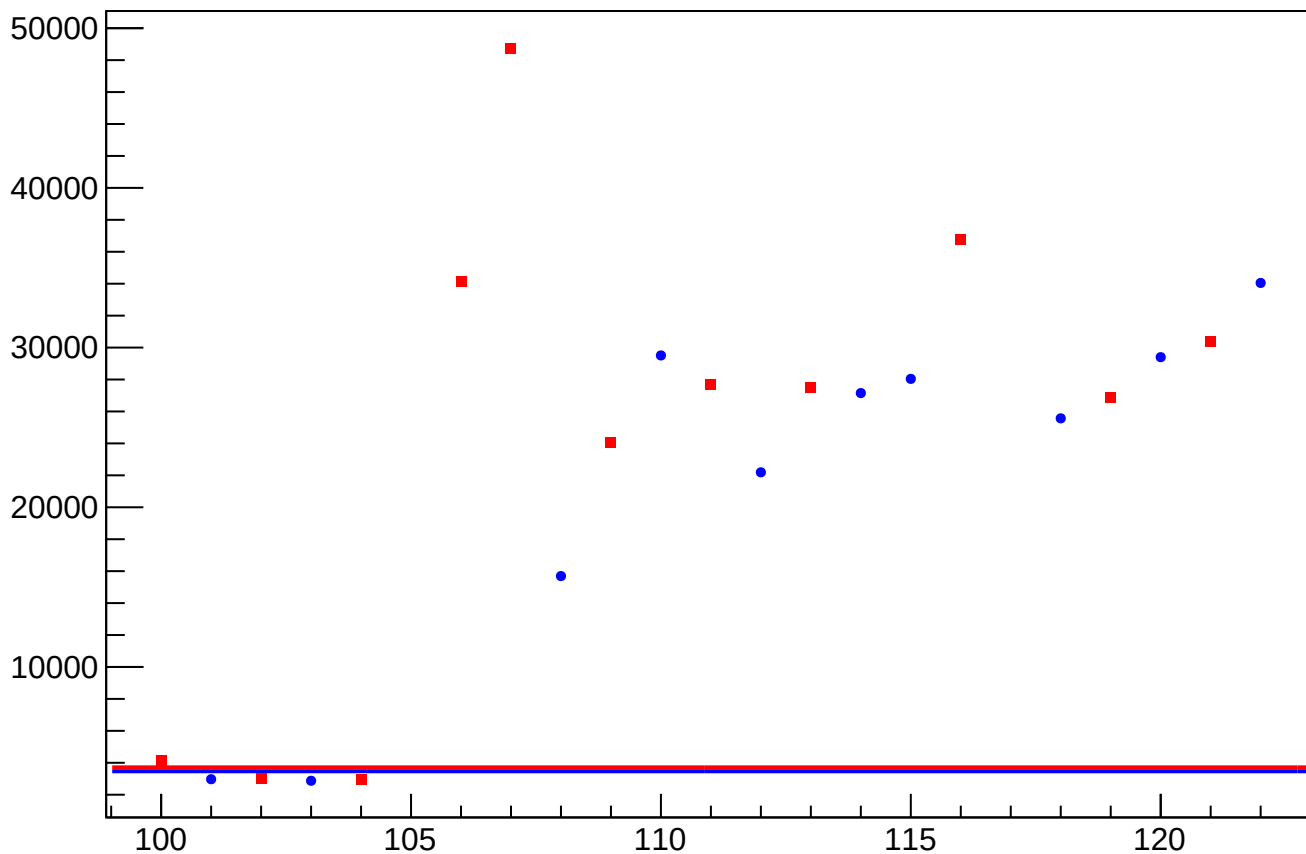
Right: -4.239 $\pm$ 1.872 χ^2 /NDF: 23.5/20

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: -4.239 $\pm$ 1.872 χ^2 /NDF: 23.5/20

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: 3714.139+/-1.922 χ^2/NDF : 4852145.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

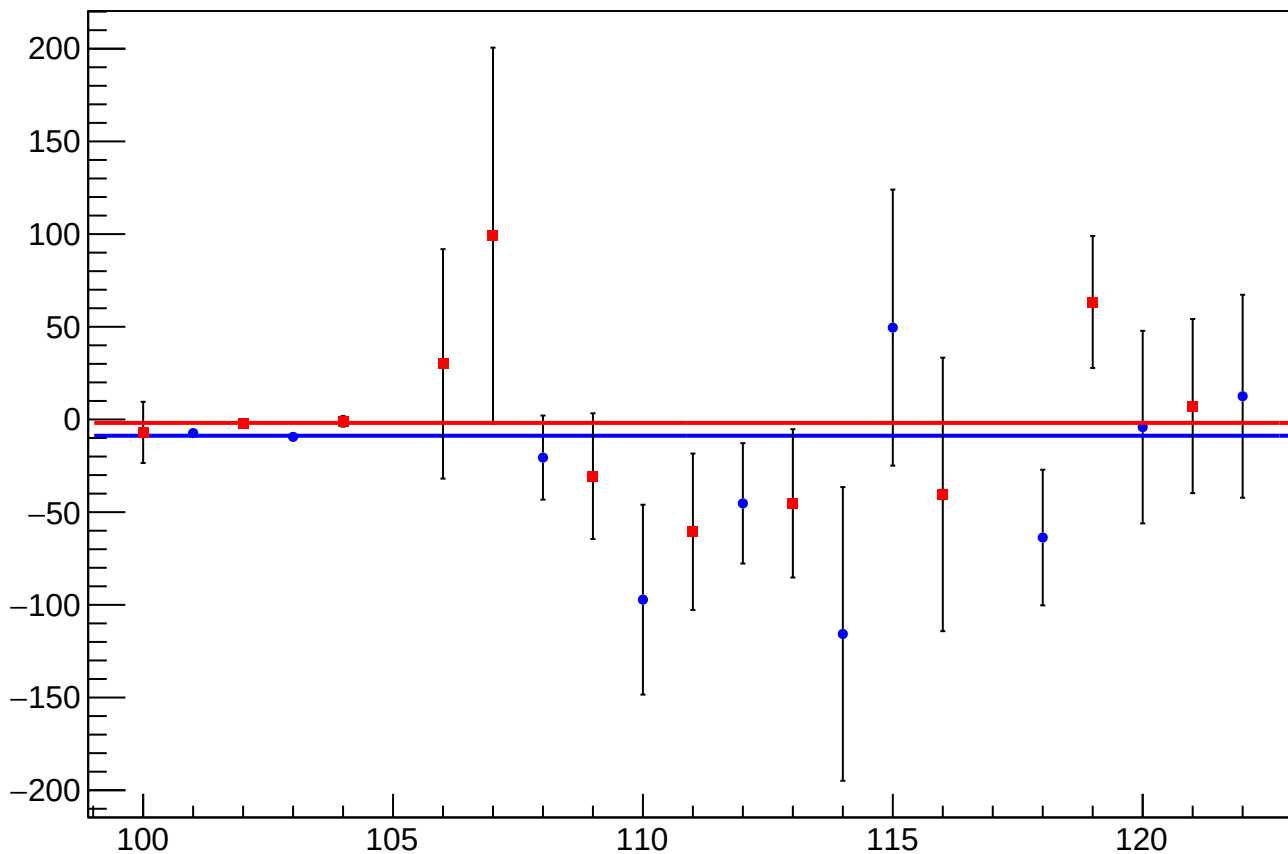
Right: 3585.642+/-1.324 χ^2/NDF : 8495619.3/20

In: 3469.728+/-1.825 χ^2/NDF : 3634971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3585.642+/-1.324 χ^2/NDF : 8495619.3/20

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: -1.846 ± 1.878 χ^2/NDF : 9.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

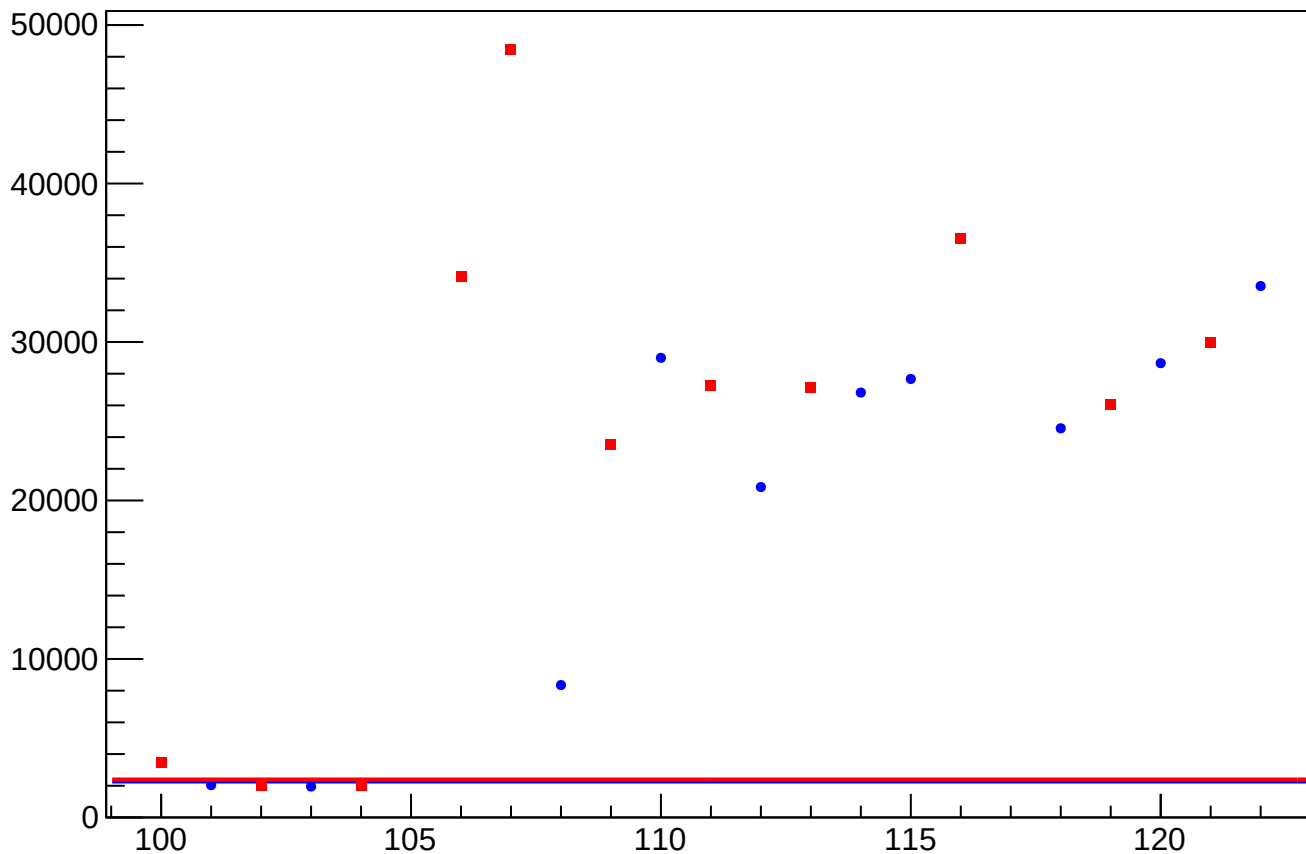
Right: -5.502 ± 1.290 χ^2/NDF : 25.9/20

In: -8.770 ± 1.775 χ^2/NDF : 9.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.502 ± 1.290 χ^2/NDF : 25.9/20

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: 2397.077+/-1.328 χ^2/NDF : 5258616.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

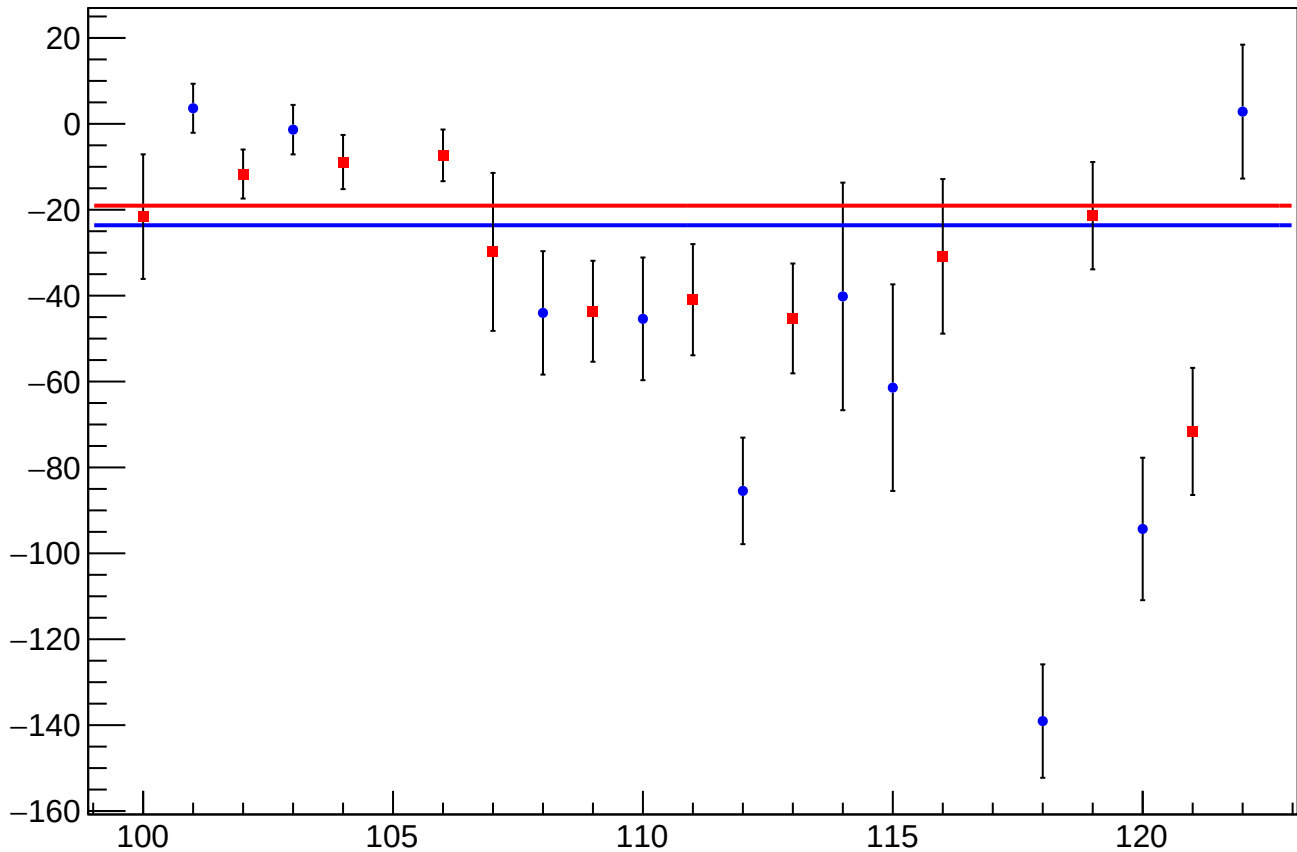
Right: 2328.529+/-0.912 χ^2/NDF : 8991288.6/20

In: 2267.256+/-1.255 χ^2/NDF : 3727623.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2328.529+/-0.912 χ^2/NDF : 8991288.6/20

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: -19.050 $\pm$ 2.834 χ^2 /NDF: 32.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

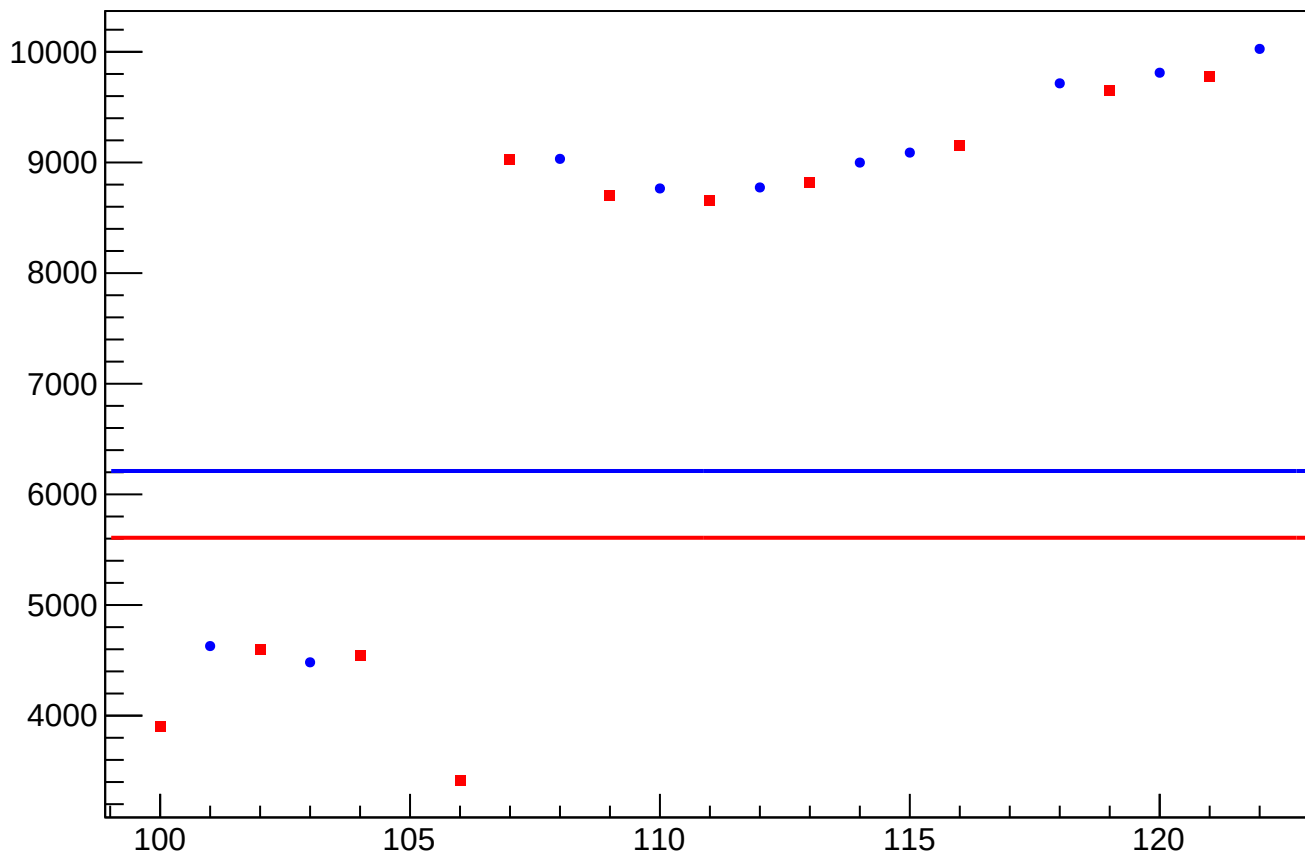
Right: -21.009 $\pm$ 2.141 χ^2 /NDF: 201.3/20

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: -21.009 $\pm$ 2.141 χ^2 /NDF: 201.3/20

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: 5607.913+/-2.004 χ^2/NDF : 1301841.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

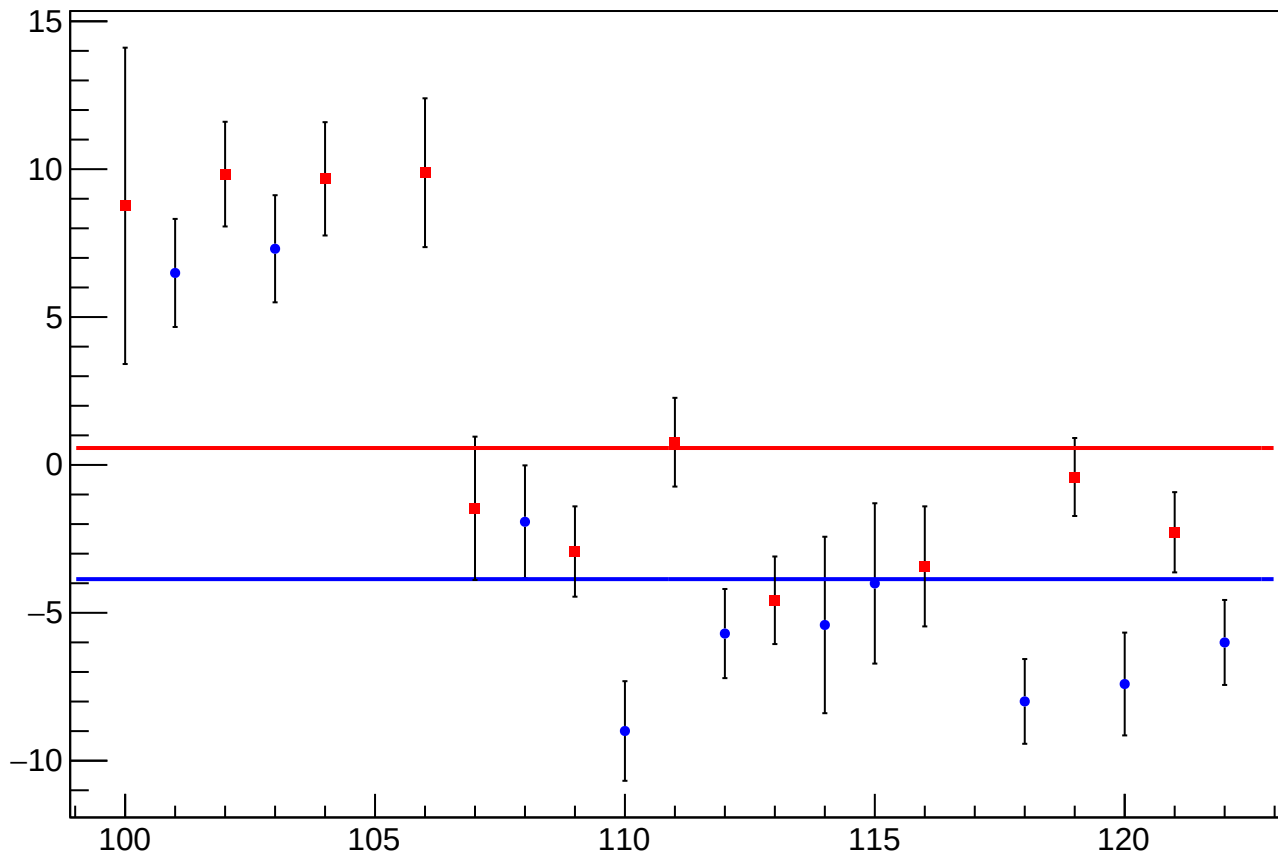
Right: 5867.068+/-1.514 χ^2/NDF : 2306611.8/20

In: 6211.416+/-2.310 χ^2/NDF : 965829.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5867.068+/-1.514 χ^2/NDF : 2306611.8/20

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: 0.572+/-0.524 χ^2/NDF : 92.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

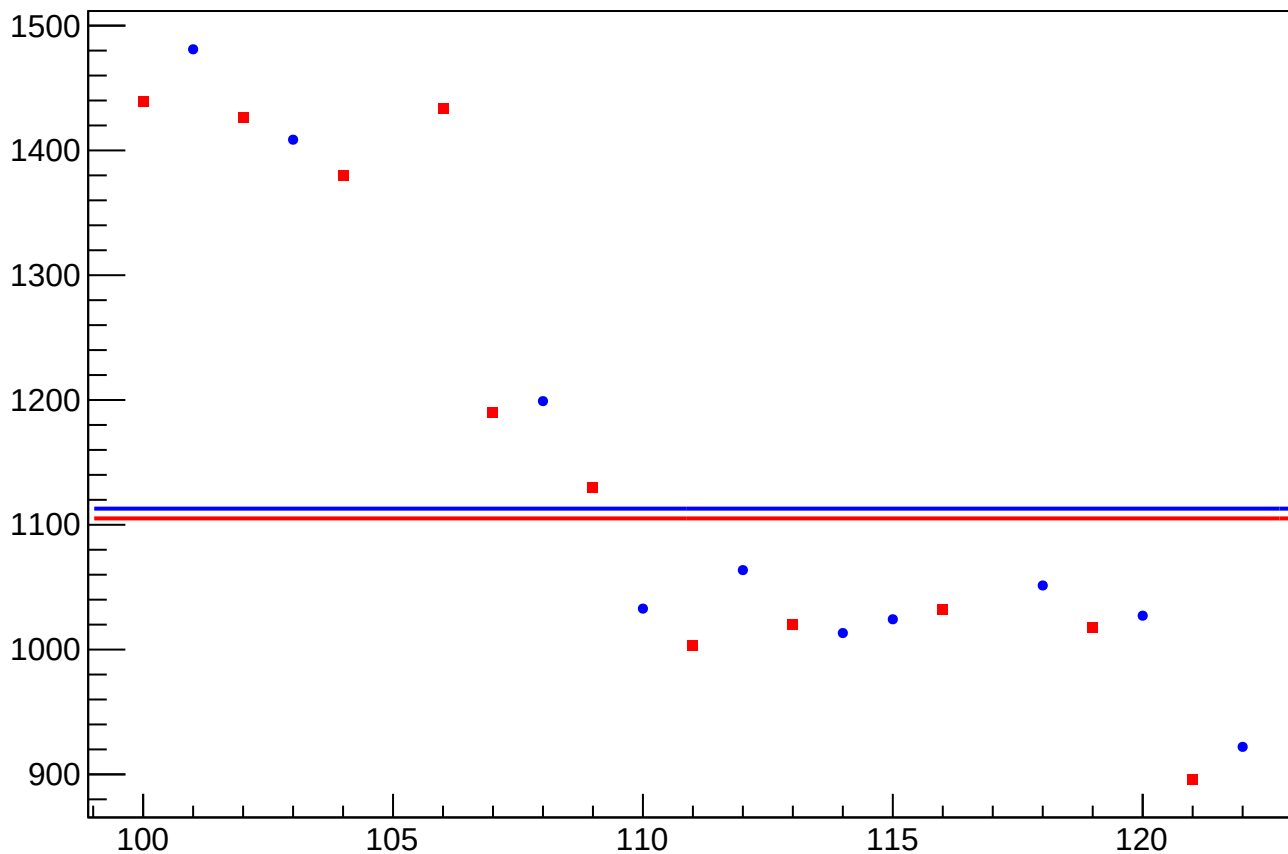
Right: -1.508+/-0.382 χ^2/NDF : 223.5/20

In: -3.861+/-0.557 χ^2/NDF :96.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.508+/-0.382 χ^2/NDF : 223.5/20

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: 1105.114+/-0.370 χ^2/NDF : 227025.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

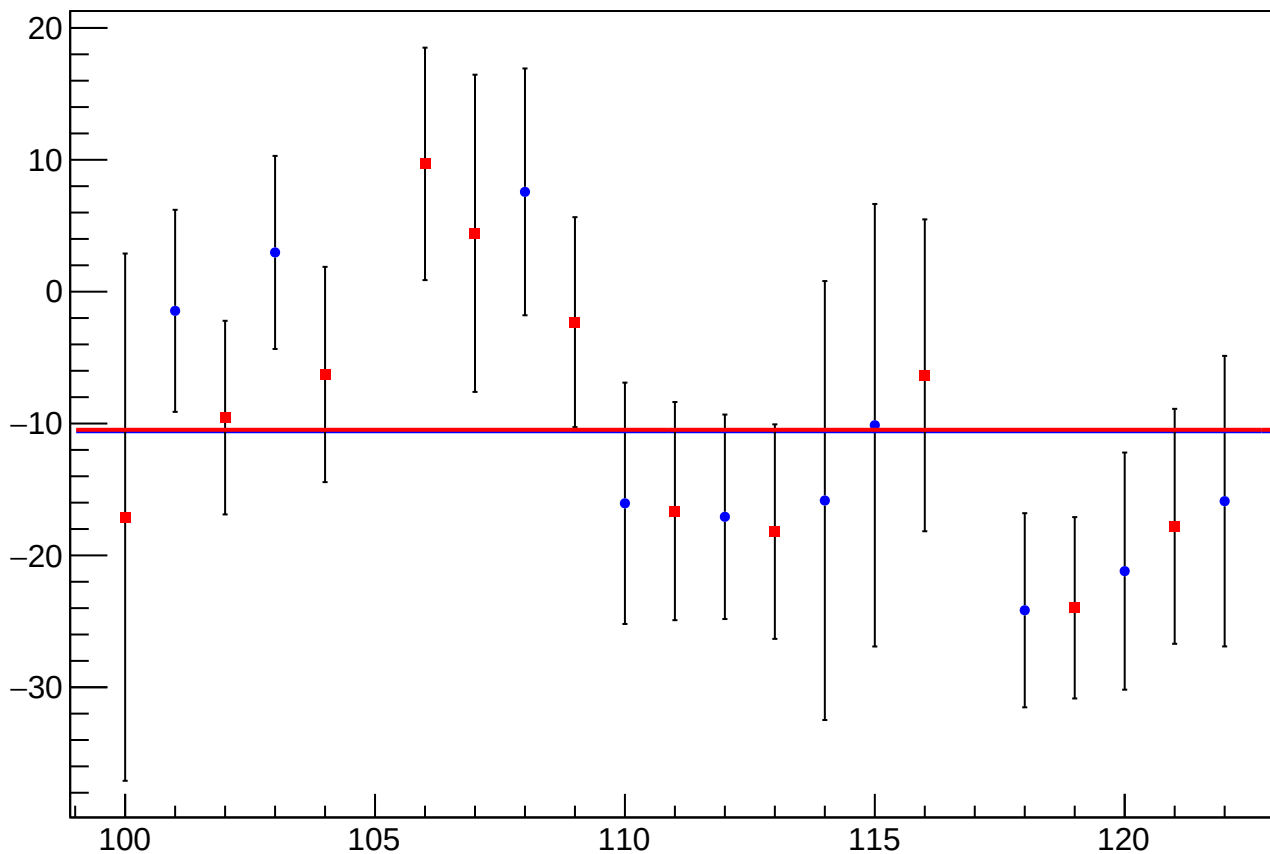
Right: 1108.788+/-0.270 χ^2/NDF : 420705.6/20

In: 1112.944+/-0.394 χ^2/NDF : 193470.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.788+/-0.270 χ^2/NDF : 420705.6/20

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: -10.475+/-2.651 χ^2/NDF : 14.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

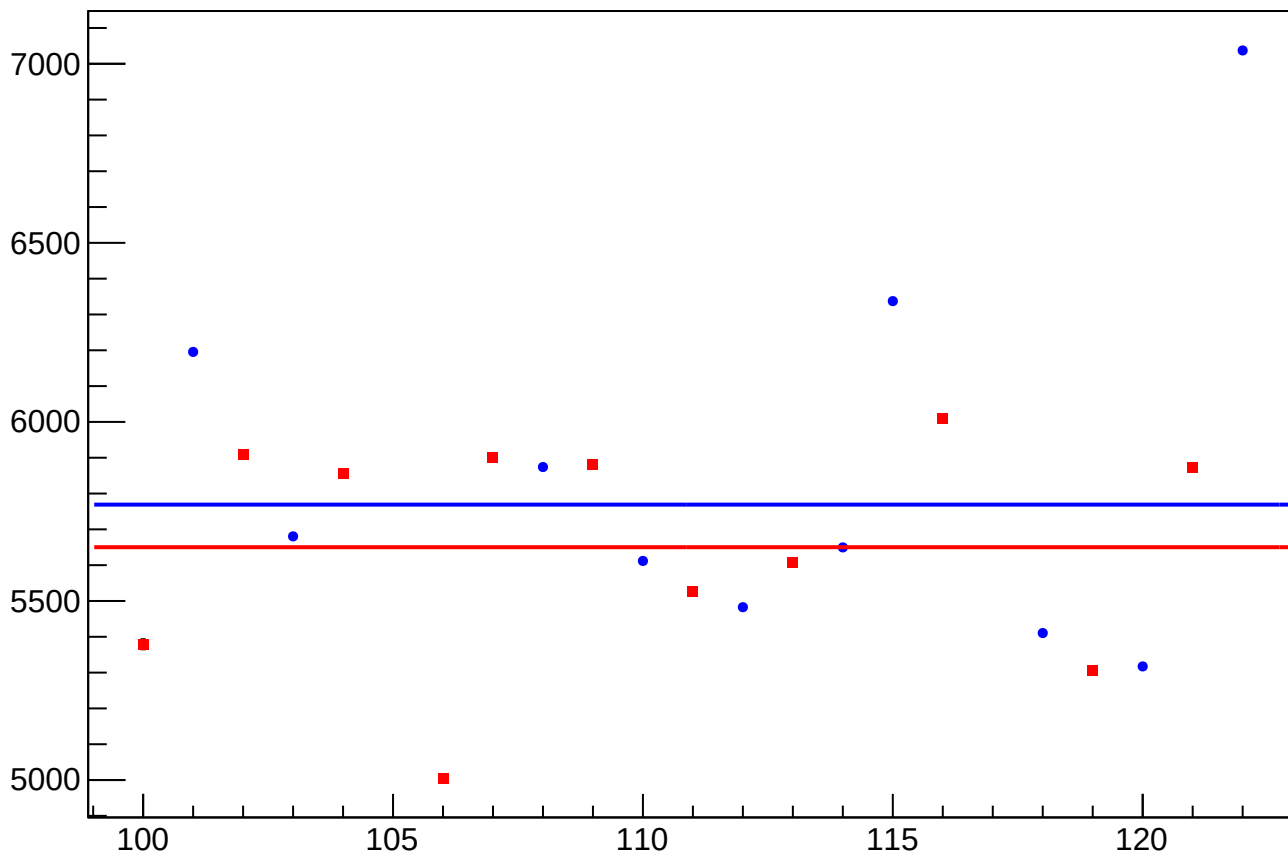
Right: -10.526+/-1.946 χ^2/NDF : 29.1/20

In: -10.586+/-2.864 χ^2/NDF : 14.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.526+/-1.946 χ^2/NDF : 29.1/20

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5769.040 $\pm$ 2.025 χ^2/NDF : 48745.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 5650.166 $\pm$ 1.875 χ^2/NDF : 26017.7/10

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

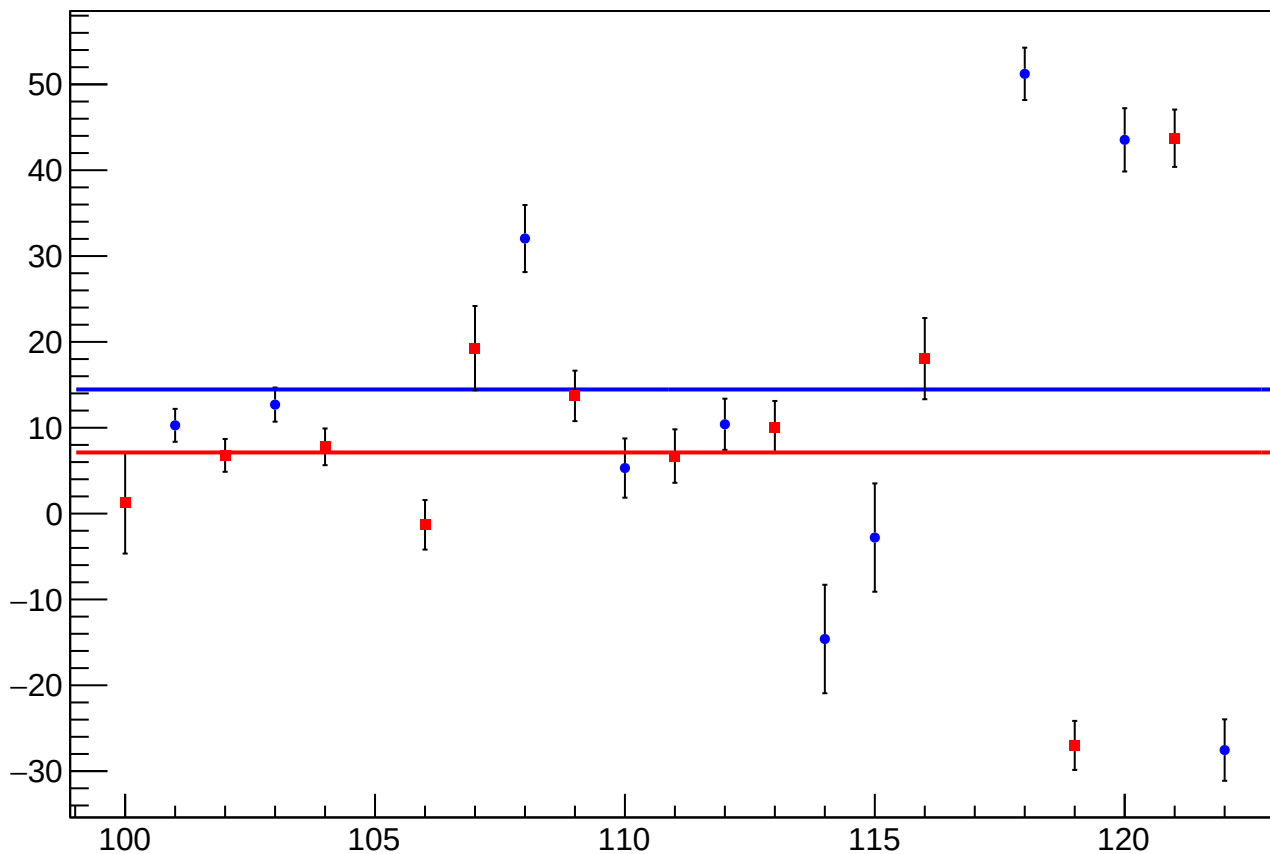
Right: 5705.025 $\pm$ 1.376 χ^2/NDF : 76618.6/20

In: 5769.040 $\pm$ 2.025 χ^2/NDF : 48745.7/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 5705.025 $\pm$ 1.376 χ^2/NDF : 76618.6/20

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: 7.121+/-0.888 χ^2/NDF : 290.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

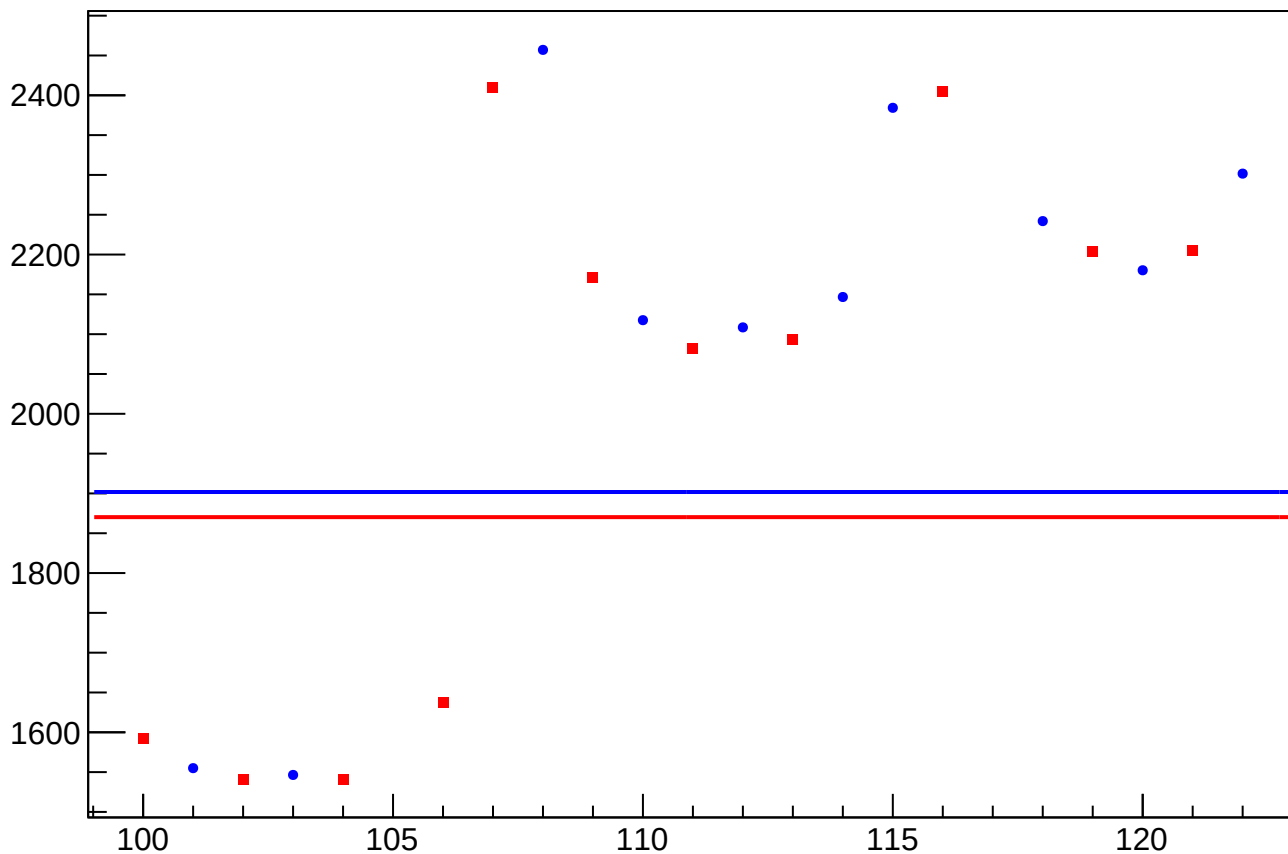
Right: 10.524+/-0.650 χ^2/NDF : 730.4/20

In: 14.459+/-0.955 χ^2/NDF : 408.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.524+/-0.650 χ^2/NDF : 730.4/20

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: 1870.220+/-0.628 χ^2/NDF : 262581.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

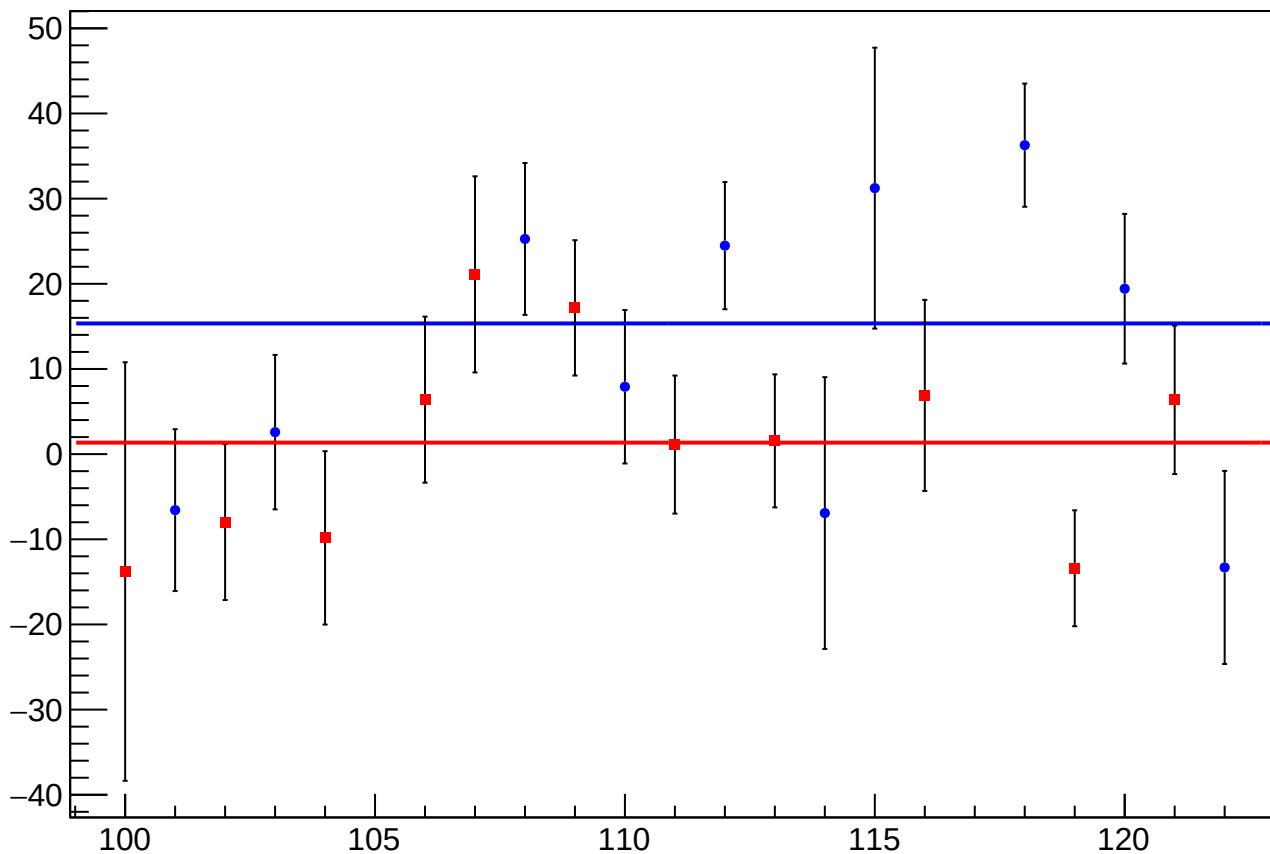
Right: 1884.859+/-0.460 χ^2/NDF : 526854.4/20

In: 1901.781+/-0.675 χ^2/NDF : 263101.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1884.859+/-0.460 χ^2/NDF : 526854.4/20

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: 1.351+/-2.758 χ^2/NDF : 15.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

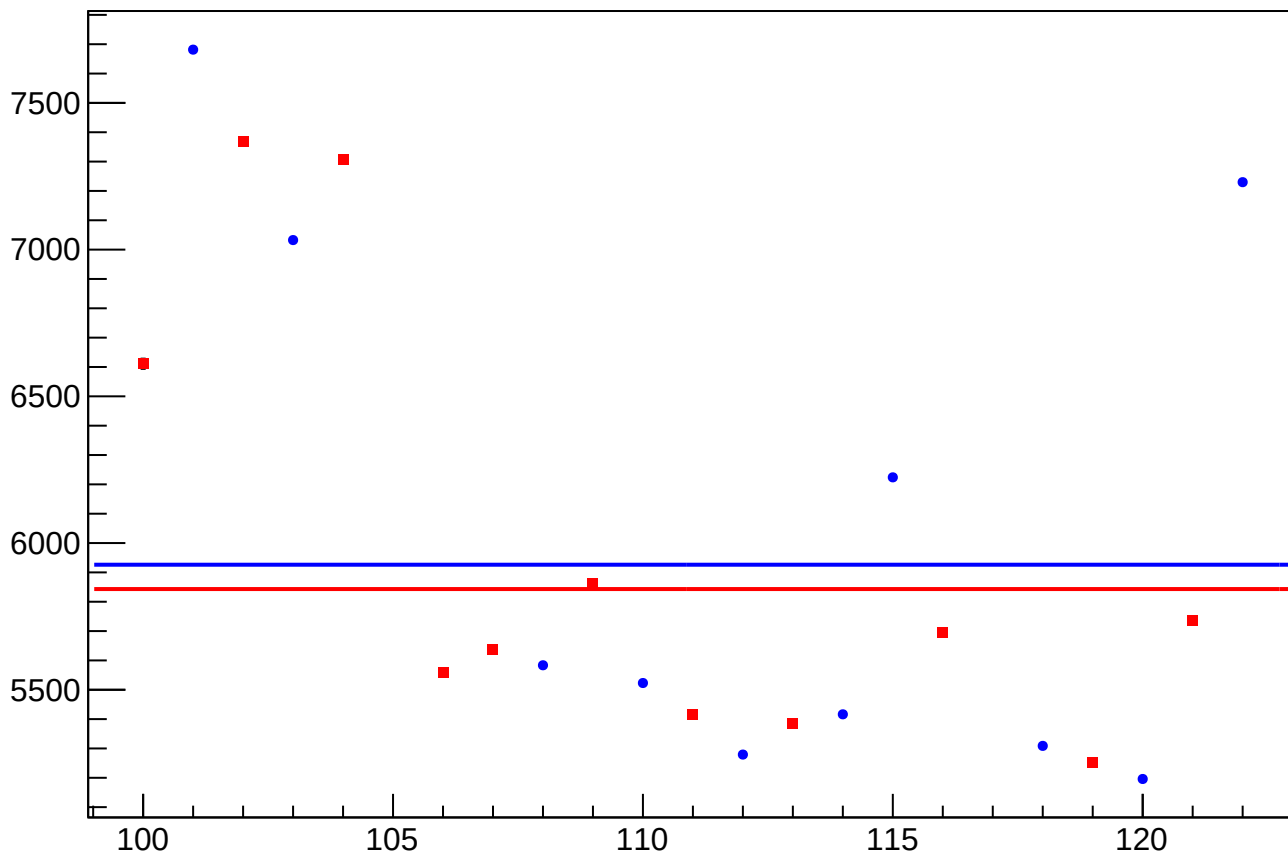
Right: 7.836+/-2.020 χ^2/NDF : 55.6/20

In: 15.345+/-2.968 χ^2/NDF : 28.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.836+/-2.020 χ^2/NDF : 55.6/20

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: 5843.235+/-1.950 χ^2/NDF : 129423.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

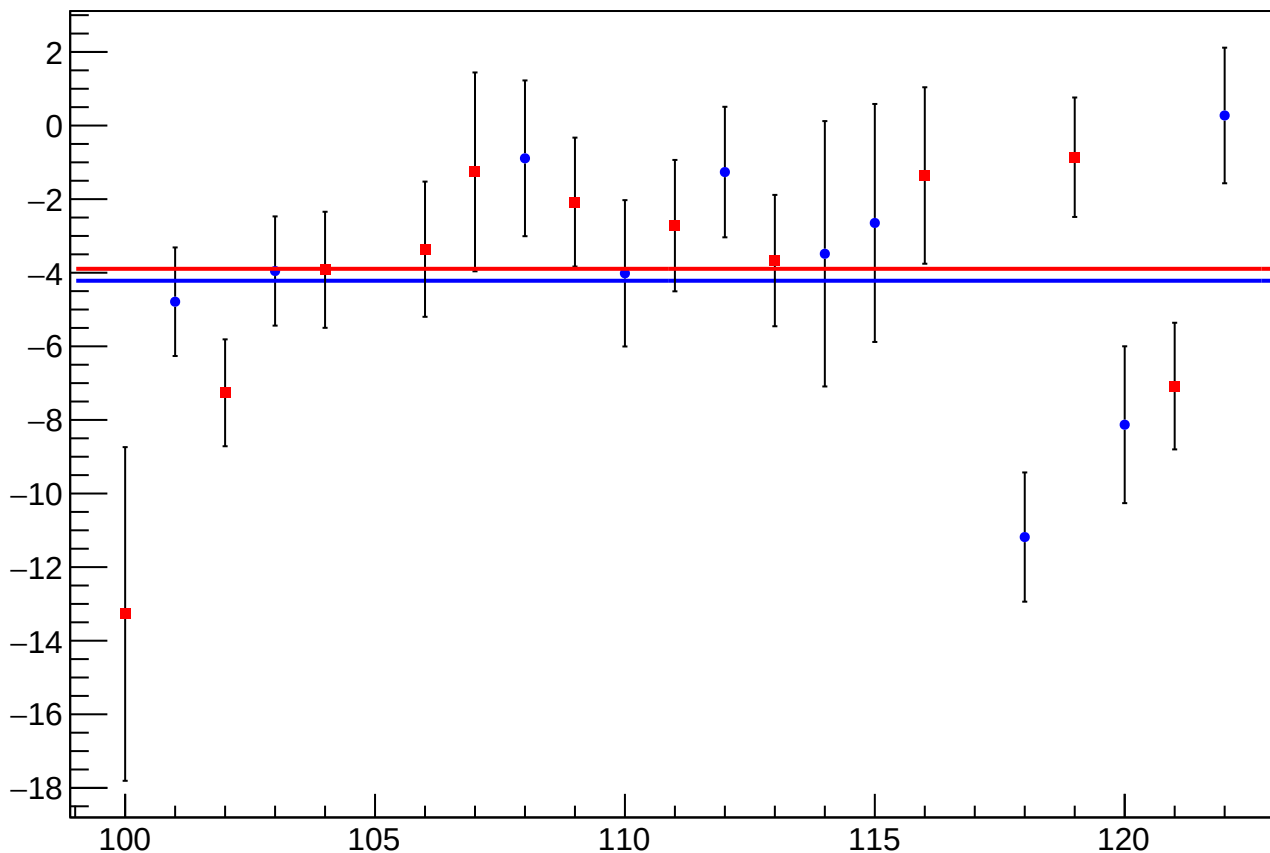
Right: 5881.666+/-1.429 χ^2/NDF : 307811.4/20

In: 5926.164+/-2.099 χ^2/NDF : 177549.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5881.666+/-1.429 χ^2/NDF : 307811.4/20

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: -3.893 ± 0.559 χ^2/NDF : 20.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

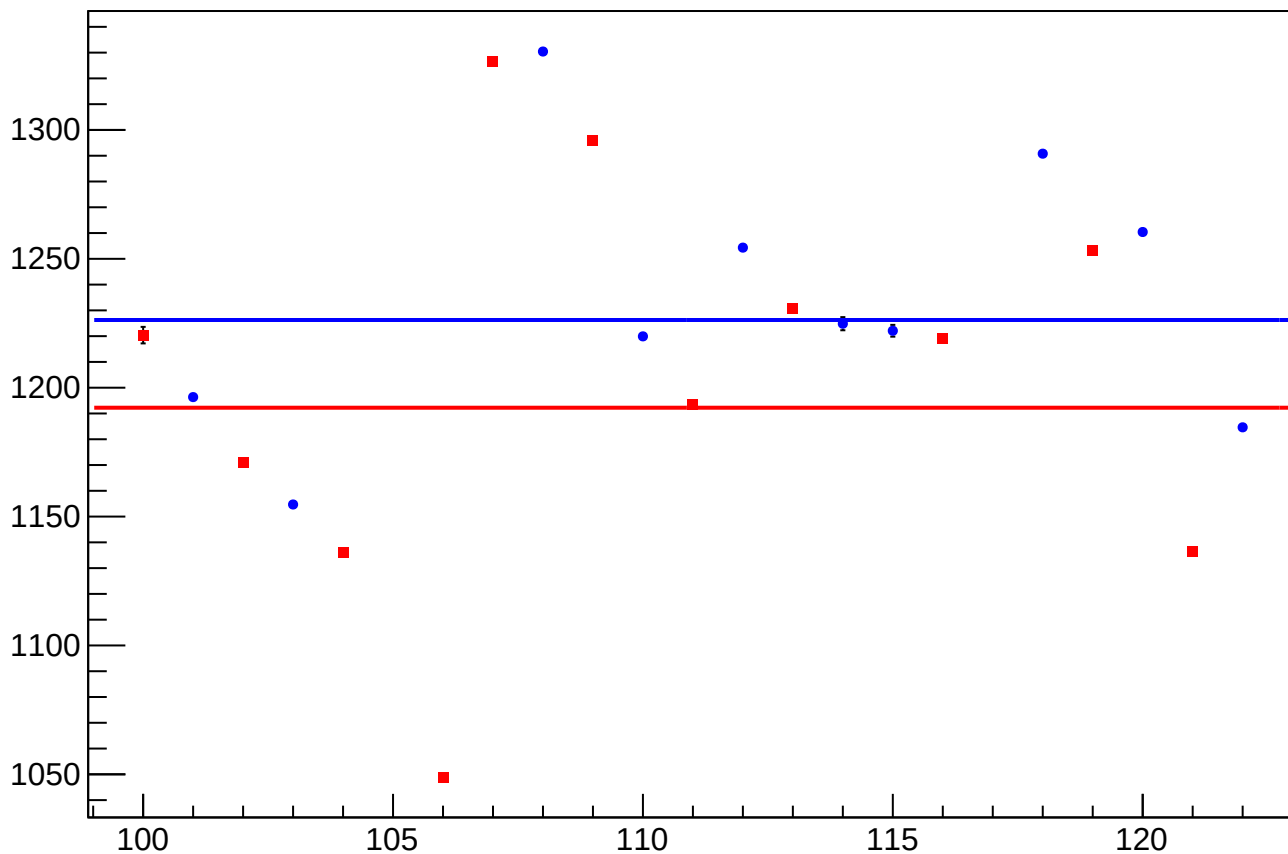
Right: -4.042 ± 0.411 χ^2/NDF : 51.2/20

In: -4.218 ± 0.606 χ^2/NDF : 30.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.042 ± 0.411 χ^2/NDF : 51.2/20

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: 1192.235+/-0.395 χ^2/NDF : 33320.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

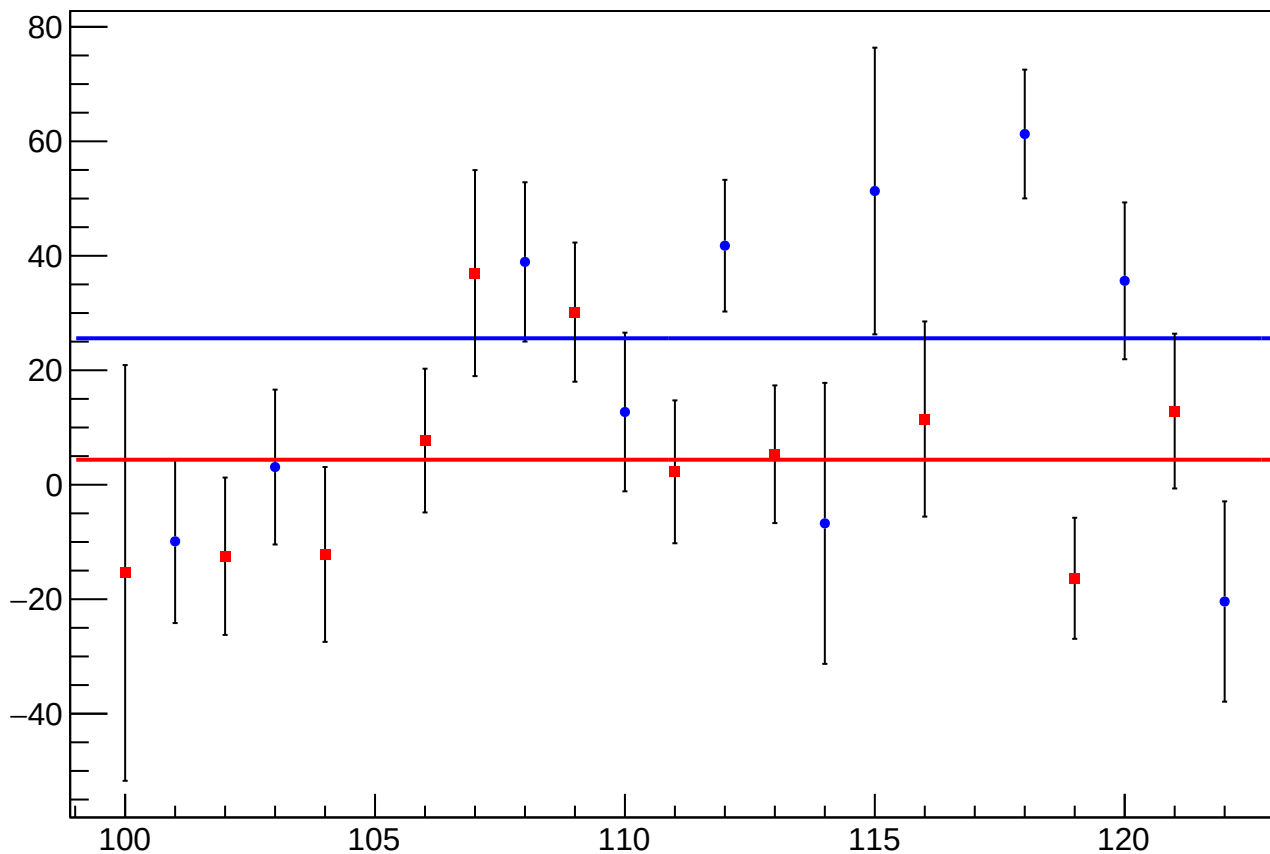
Right: 1207.860+/-0.291 χ^2/NDF : 51804.8/20

In: 1226.266+/-0.429 χ^2/NDF : 15078.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.860+/-0.291 χ^2/NDF : 51804.8/20

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: 4.370+/-4.162 χ^2/NDF : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

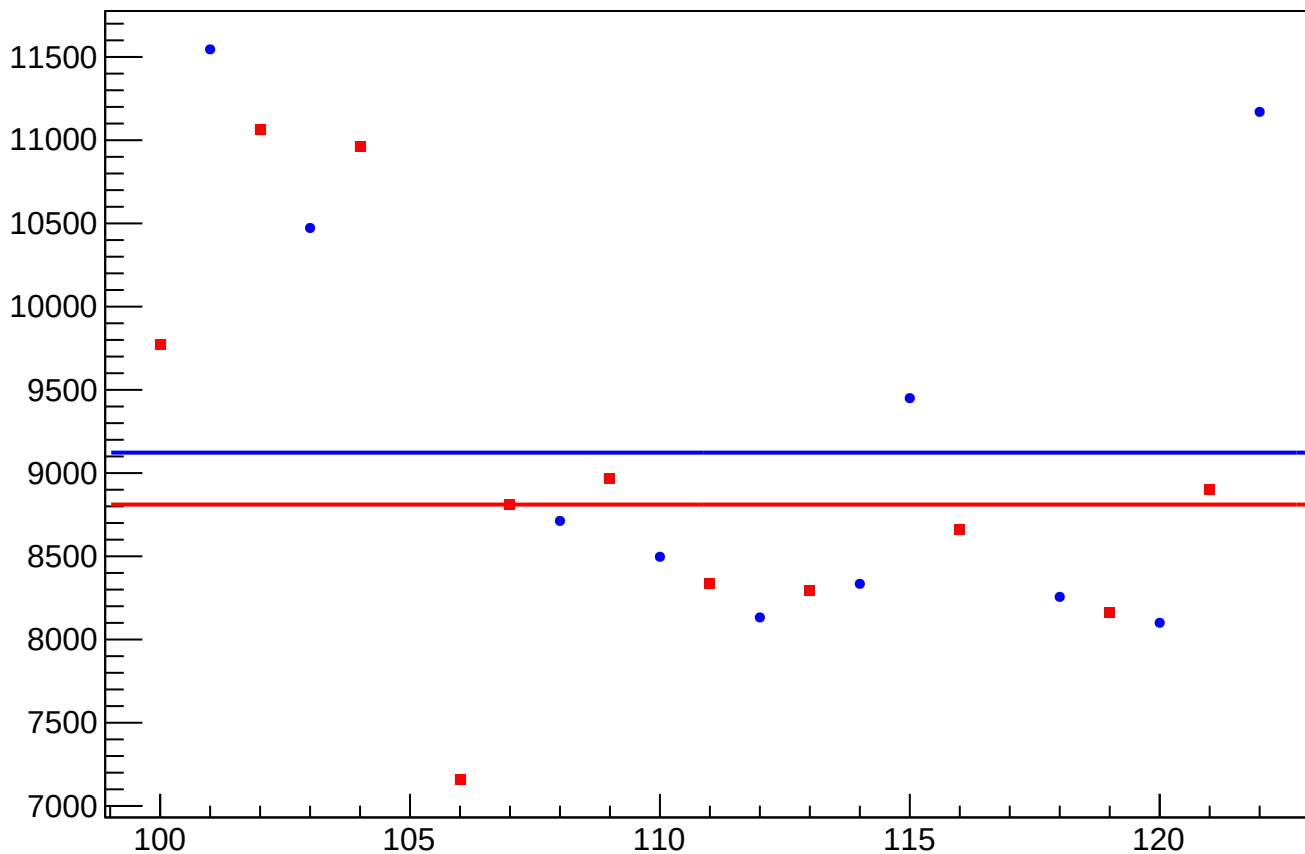
Right: 14.010+/-3.075 χ^2/NDF : 60.1/20

In: 25.589+/-4.562 χ^2/NDF : 33.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.010+/-3.075 χ^2/NDF : 60.1/20

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: 8810.917+/-2.943 χ^2/NDF : 143983.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

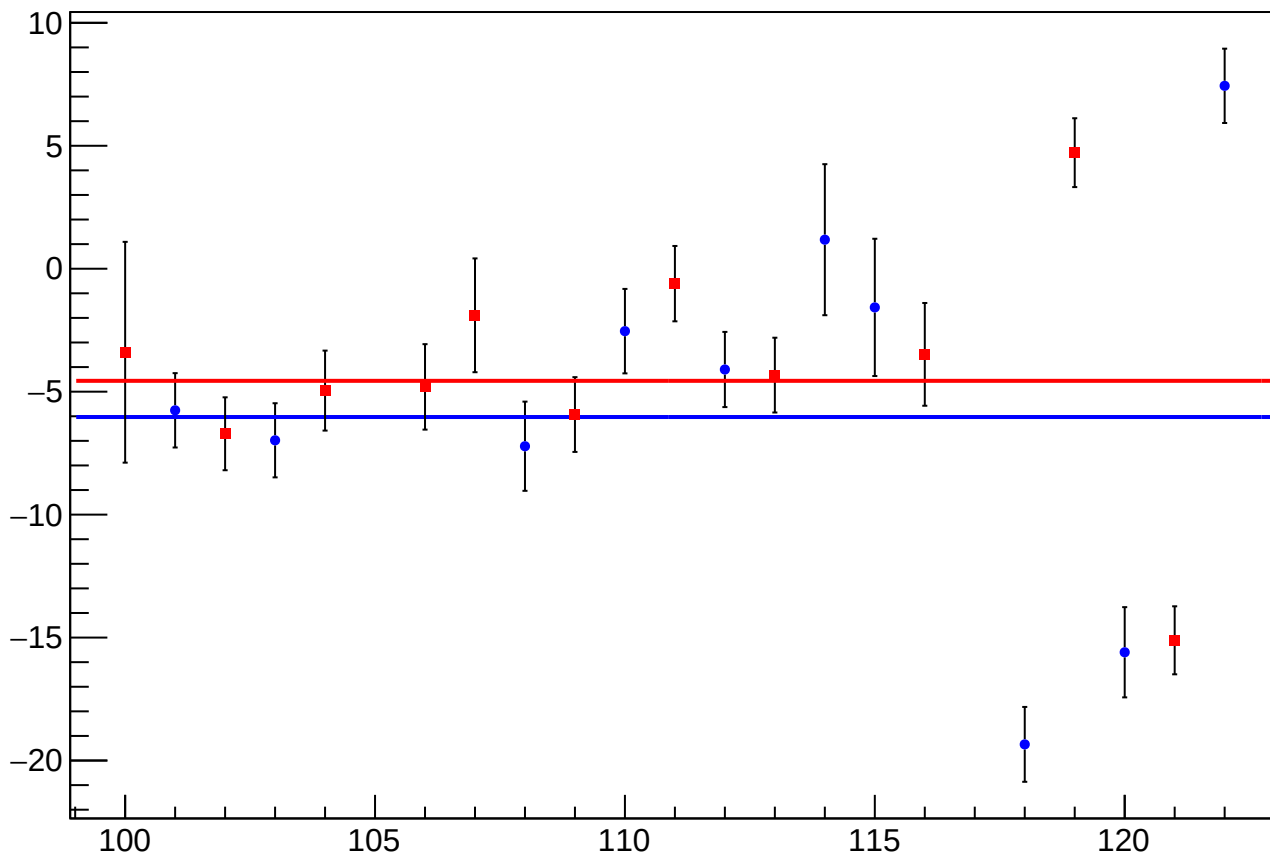
Right: 8952.674+/-2.174 χ^2/NDF : 300023.4/20

In: 9122.947+/-3.226 χ^2/NDF : 150934.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8952.674+/-2.174 χ^2/NDF : 300023.4/20

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: -4.559+/-0.503 χ^2/NDF : 113.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

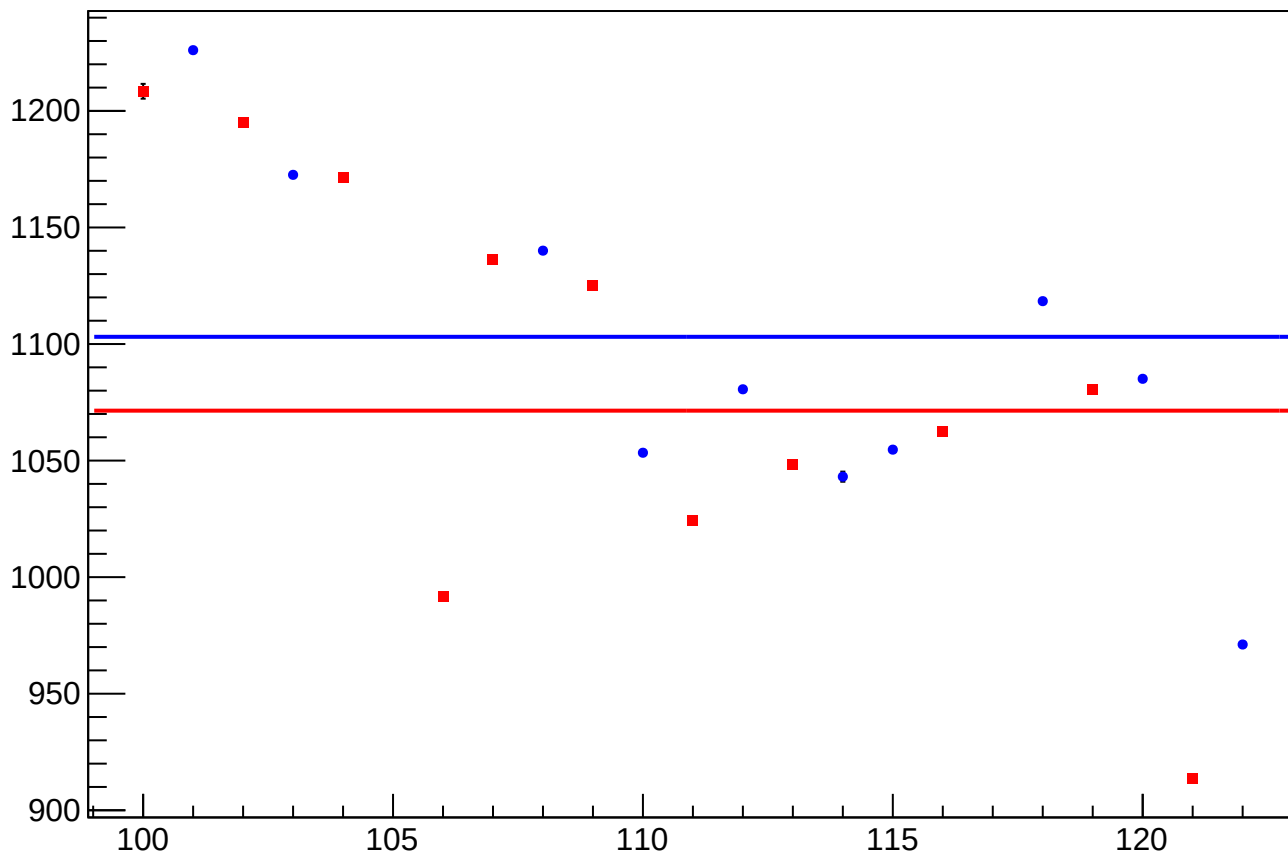
Right: -5.234+/-0.370 χ^2/NDF : 315.2/20

In: -6.031+/-0.546 χ^2/NDF :197.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.234+/-0.370 χ^2/NDF : 315.2/20

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1103.097+/-0.386 χ^2/NDF : 37437.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1071.421+/-0.356 χ^2/NDF : 60161.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

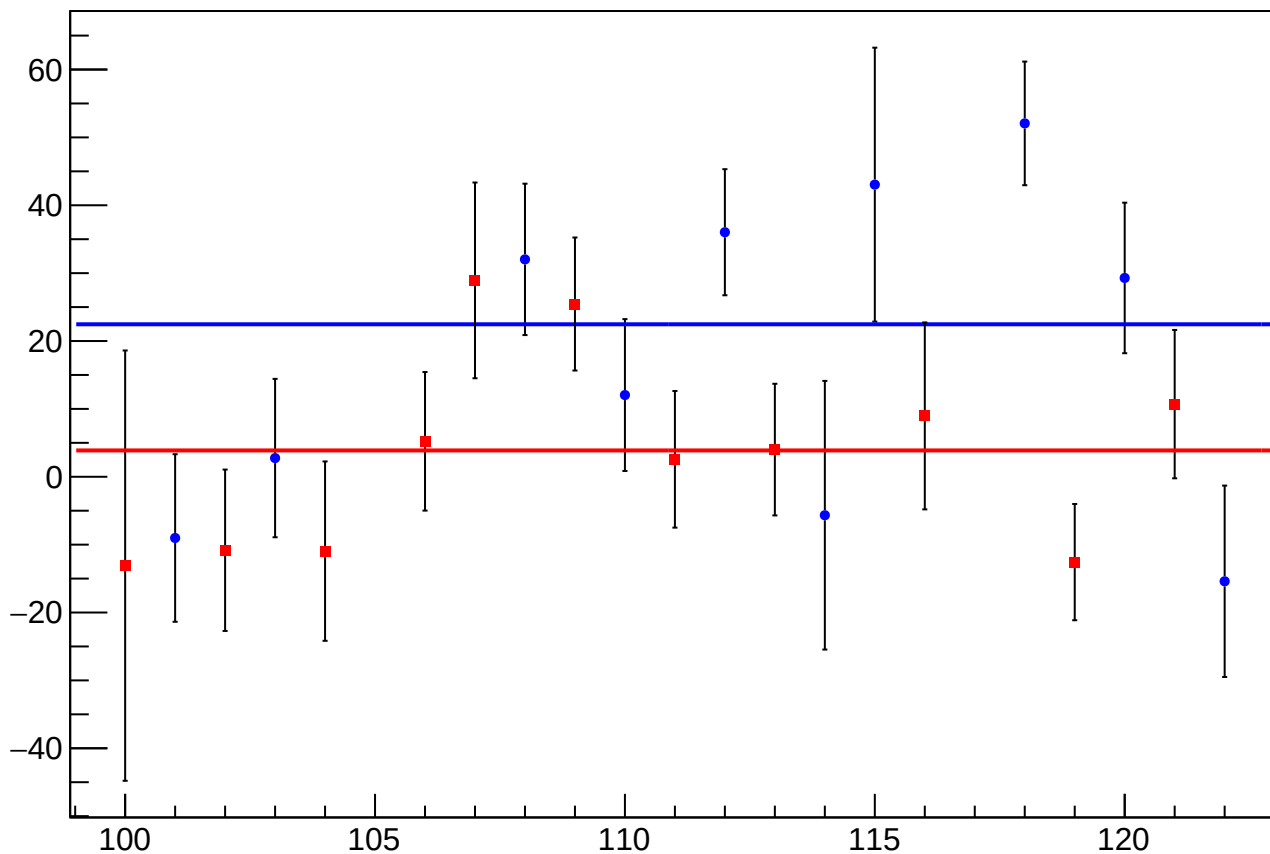
Right: 1085.948+/-0.262 χ^2/NDF : 101238.0/20

In: 1103.097+/-0.386 χ^2/NDF : 37437.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1085.948+/-0.262 χ^2/NDF : 101238.0/20

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: 3.881+/-3.402 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

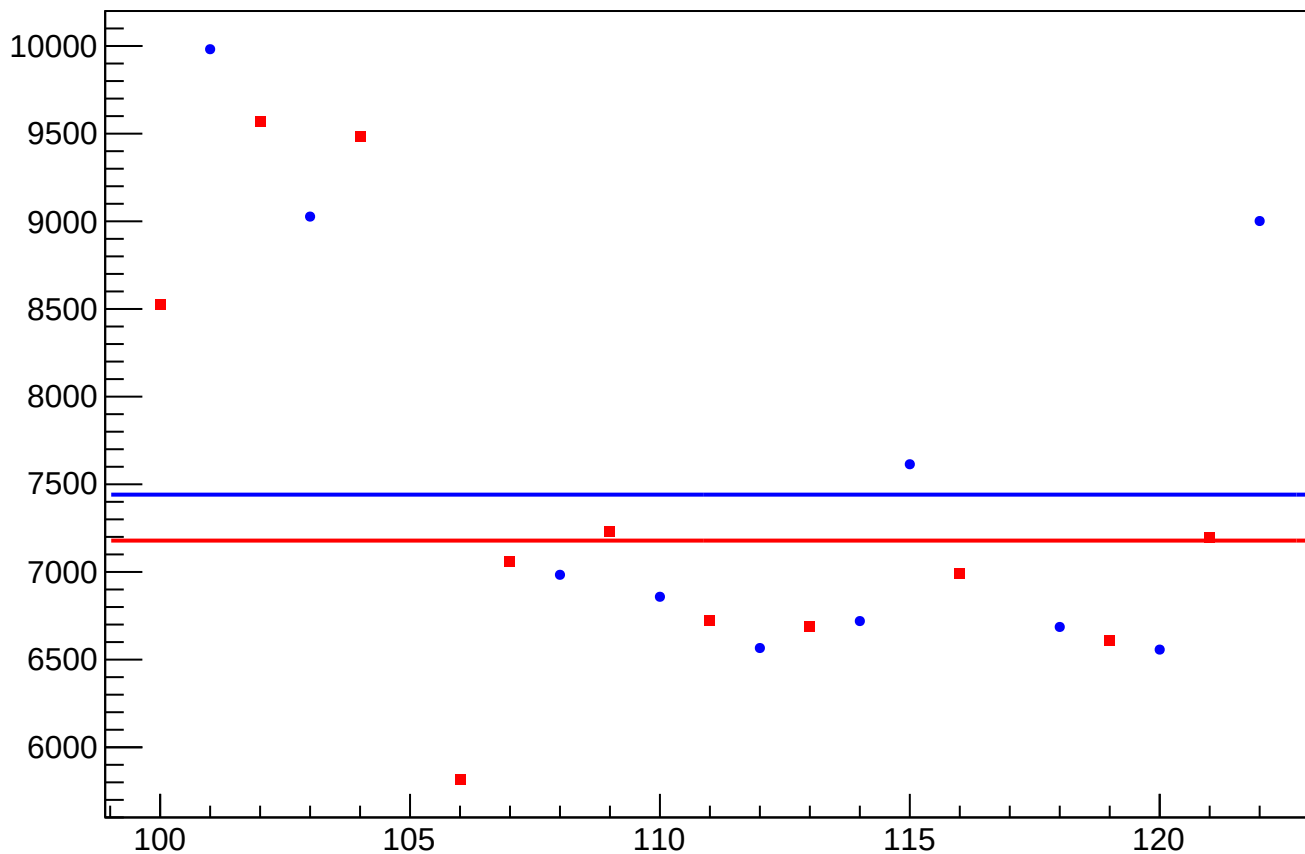
Right: 12.313+/-2.514 χ^2/NDF : 63.0/20

In: 22.466+/-3.733 χ^2/NDF : 34.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.313+/-2.514 χ^2/NDF : 63.0/20

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: 7178.926+/-2.406 χ^2/NDF : 199666.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

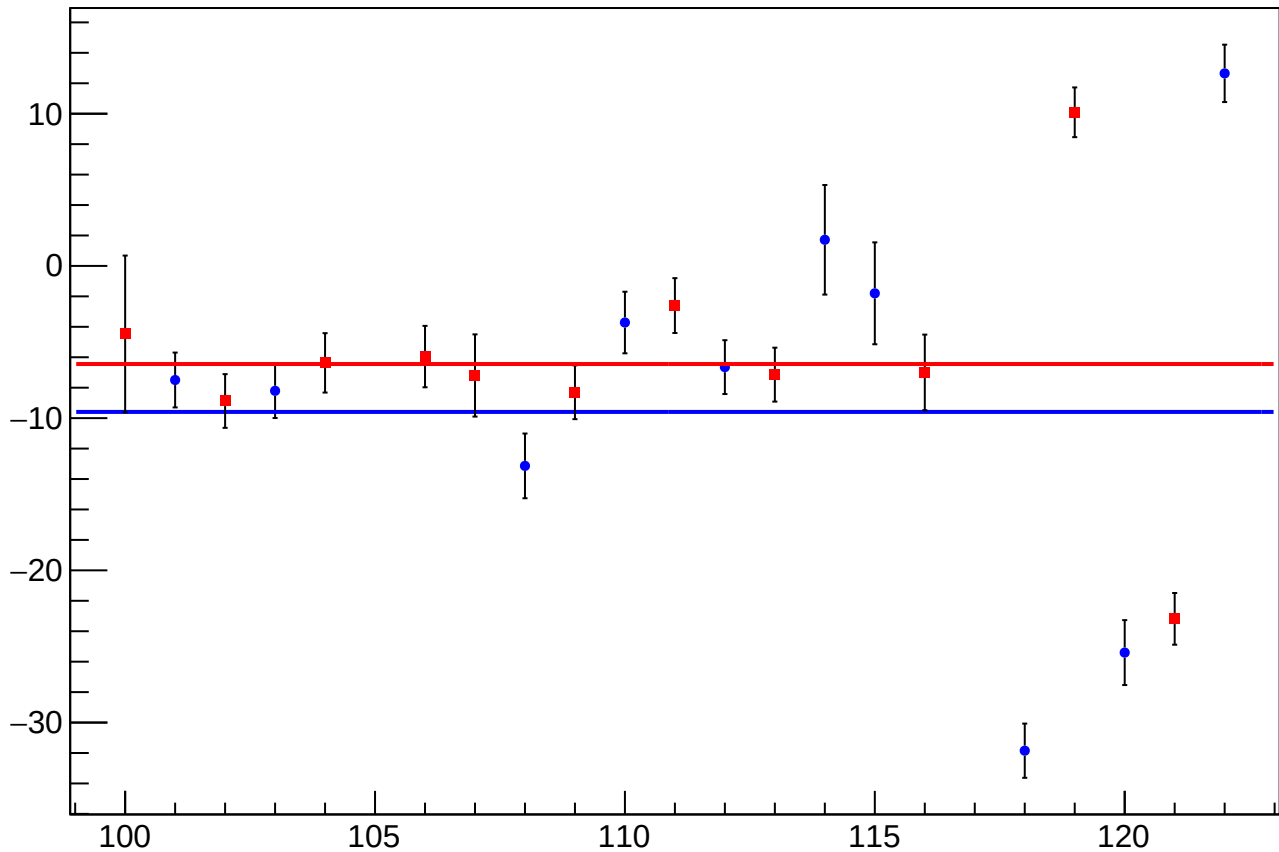
Right: 7297.848+/-1.778 χ^2/NDF : 407005.6/20

In: 7441.041+/-2.640 χ^2/NDF : 201952.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7297.848+/-1.778 χ^2/NDF : 407005.6/20

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: -6.445+/-0.594 χ^2/NDF : 207.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

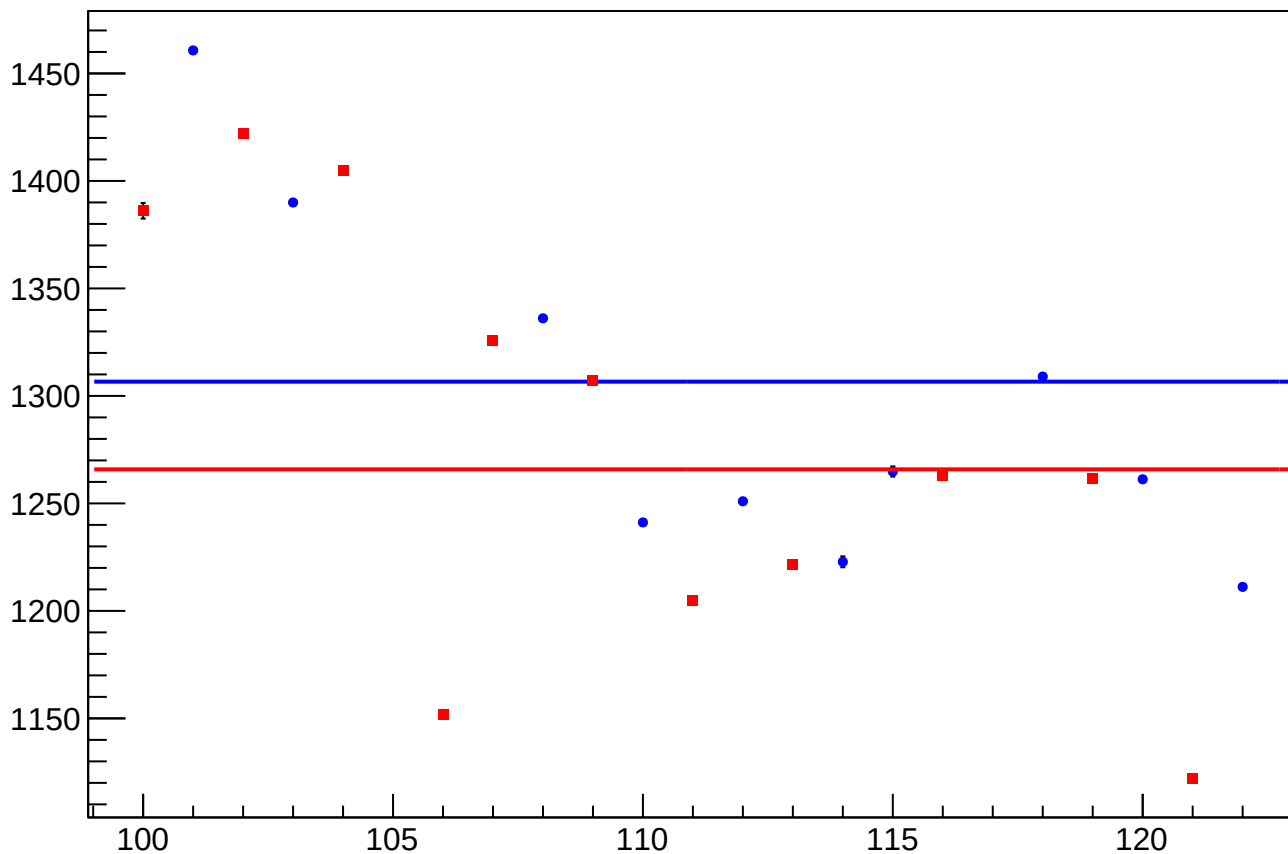
Right: -7.884+/-0.438 χ^2/NDF : 602.0/20

In: -9.592+/-0.647 χ^2/NDF : 381.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.884+/-0.438 χ^2/NDF : 602.0/20

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: 1265.844 $\pm$ 0.420 χ^2 /NDF: 53331.7/10

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

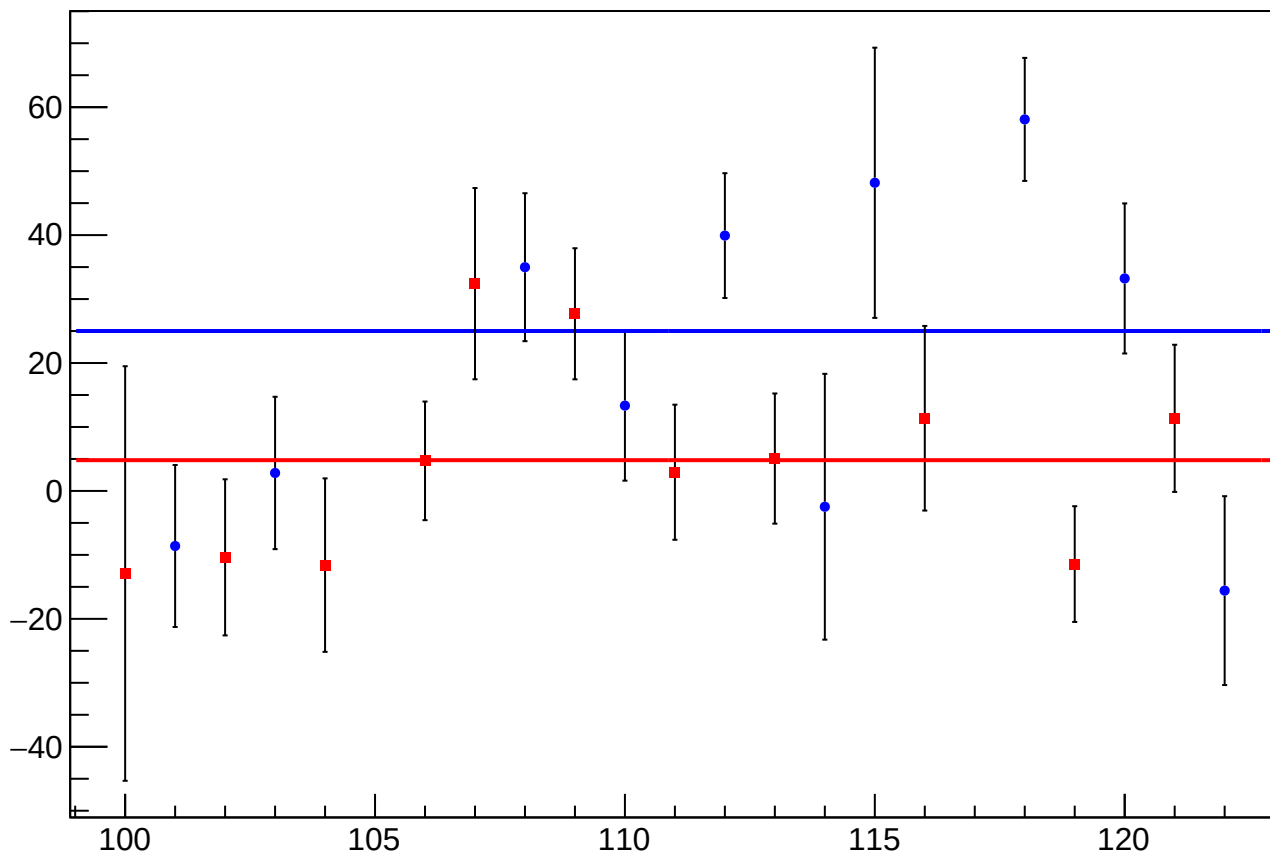
Right: 1284.501 $\pm$ 0.309 χ^2 /NDF: 88518.9/20

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: 1284.501 $\pm$ 0.309 χ^2 /NDF: 88518.9/20

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: 4.810+/-3.494 χ^2/NDF : 15.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

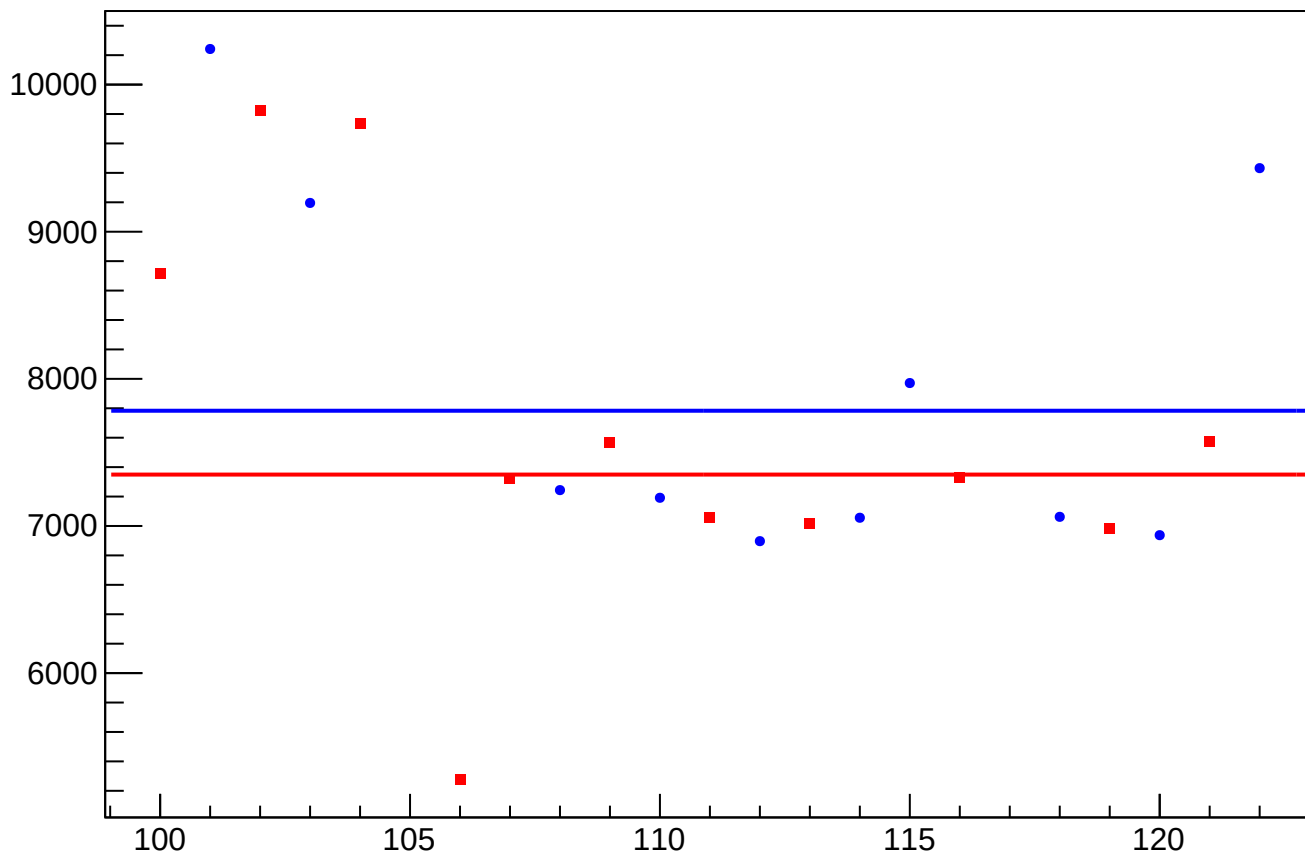
Right: 13.803+/-2.602 χ^2/NDF : 67.8/20

In: 25.006+/-3.900 χ^2/NDF : 37.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.803+/-2.602 χ^2/NDF : 67.8/20

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: 7349.378+/-2.471 χ^2/NDF : 256299.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

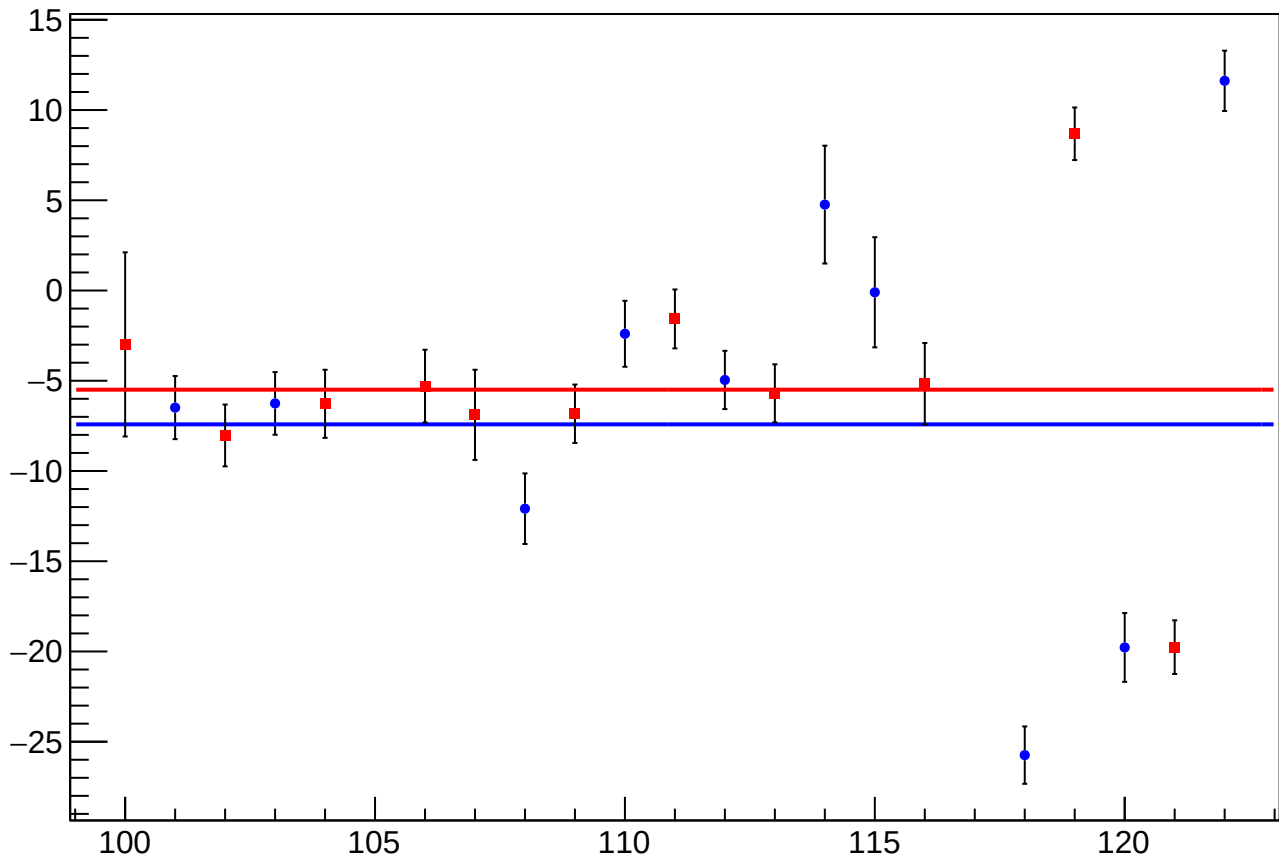
Right: 7542.583+/-1.840 χ^2/NDF : 448657.1/20

In: 7783.271+/-2.758 χ^2/NDF : 178624.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7542.583+/-1.840 χ^2/NDF : 448657.1/20

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: -5.494+/-0.548 χ^2/NDF : 196.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

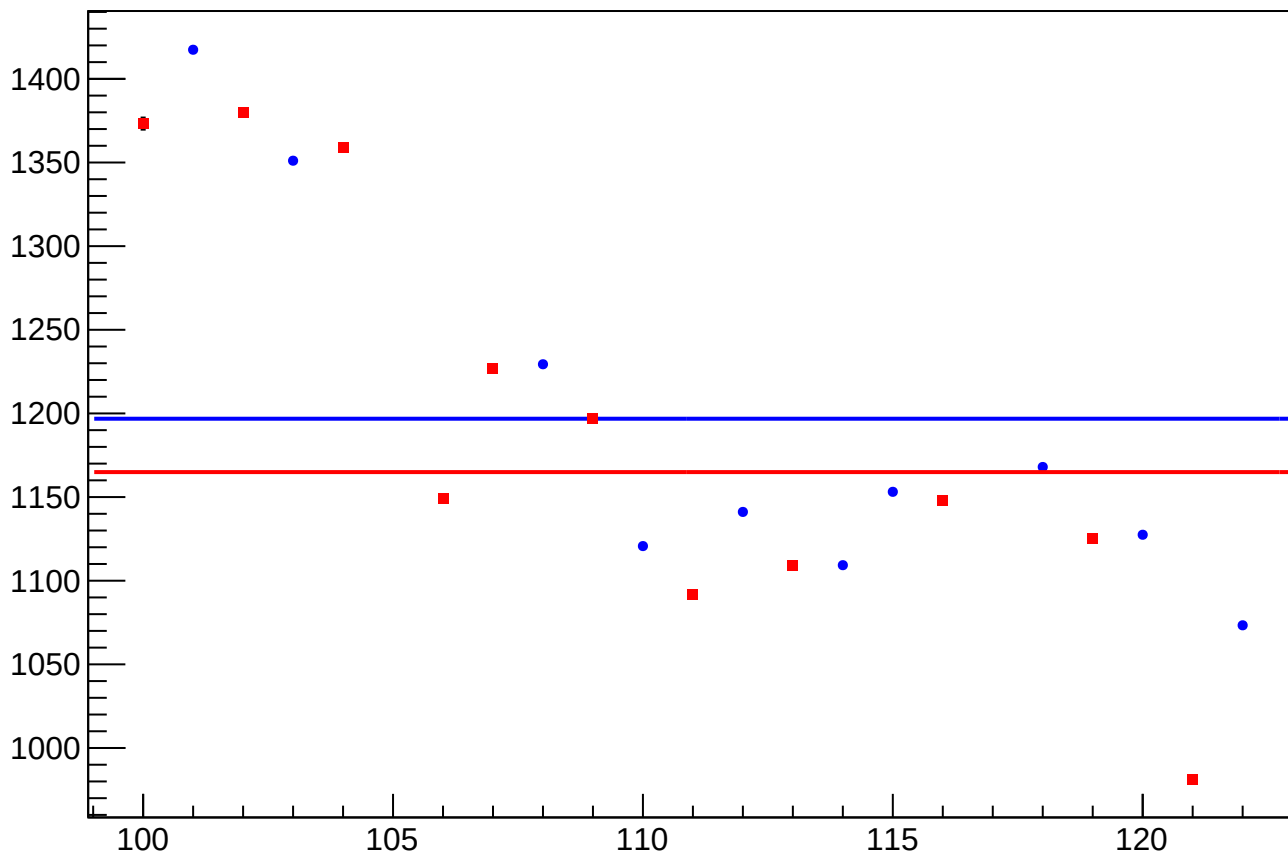
Right: -6.378+/-0.403 χ^2/NDF : 542.6/20

In: -7.417+/-0.594 χ^2/NDF : 340.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.378+/-0.403 χ^2/NDF : 542.6/20

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1196.835 $\pm$ 0.420 χ^2 /NDF: 70097.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1164.931 $\pm$ 0.387 χ^2 /NDF: 96745.0/10

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

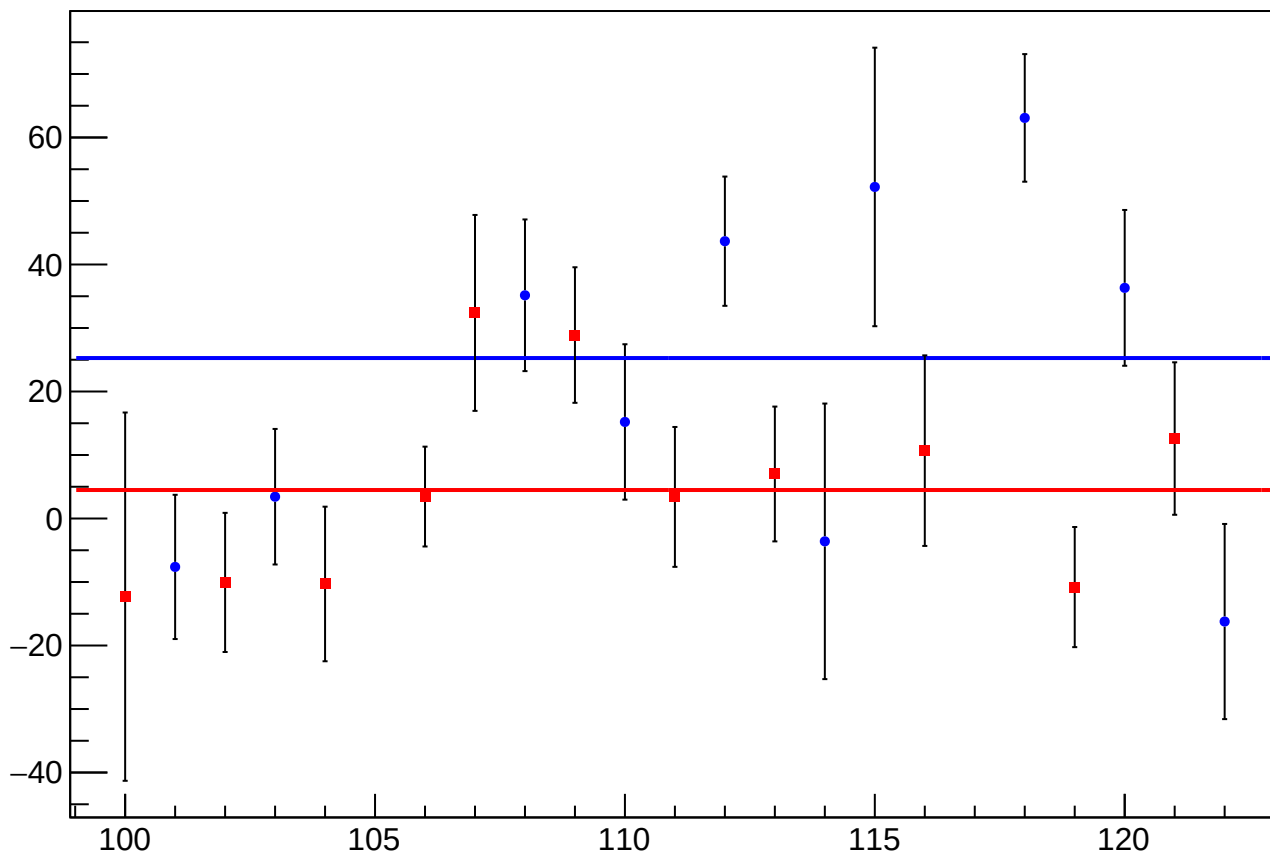
Right: 1179.597 $\pm$ 0.285 χ^2 /NDF: 169959.4/20

In: 1196.835 $\pm$ 0.420 χ^2 /NDF:70097.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1179.597 $\pm$ 0.285 χ^2 /NDF: 169959.4/20

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: 4.487+/-3.428 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

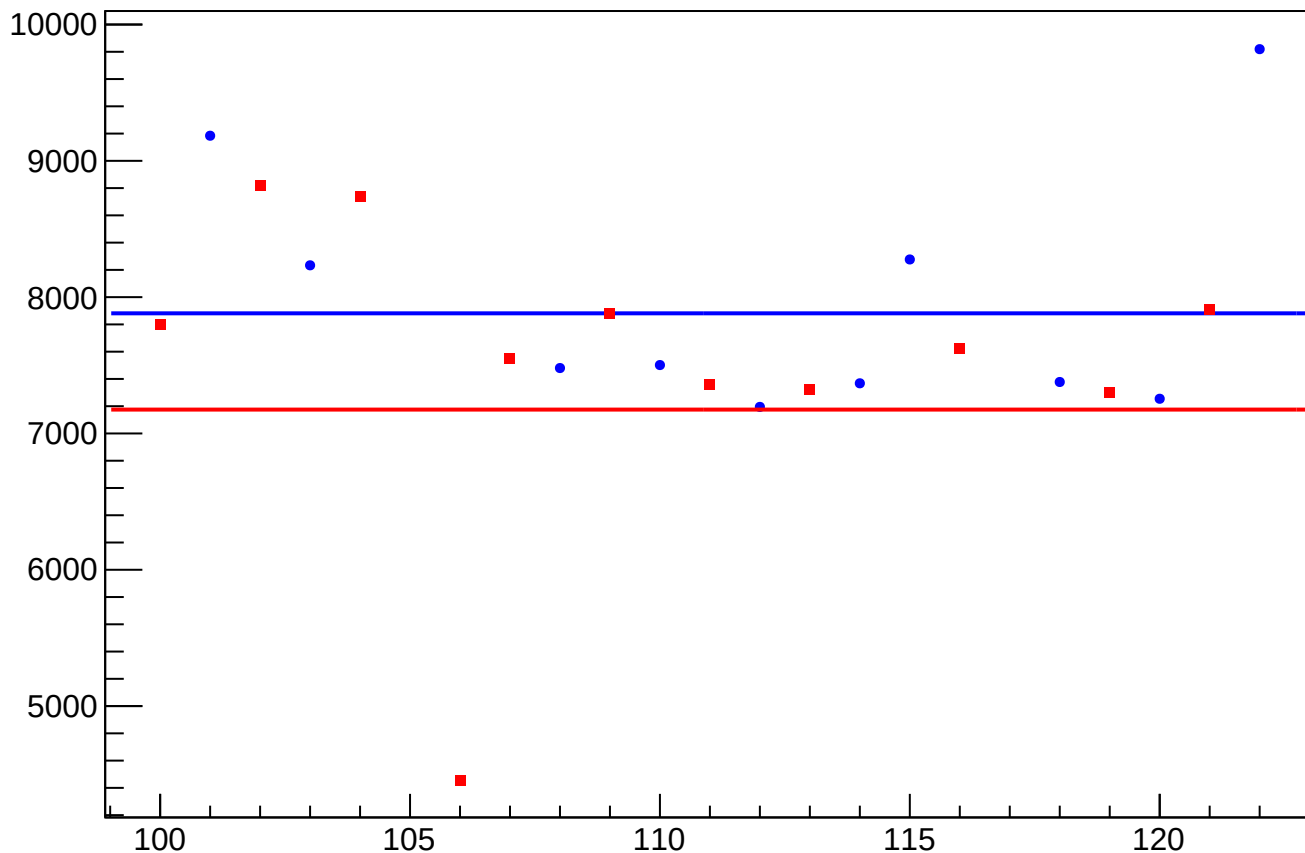
Right: 13.475+/-2.582 χ^2/NDF : 74.0/20

In: 25.269+/-3.926 χ^2/NDF : 42.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.475+/-2.582 χ^2/NDF : 74.0/20

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: 7175.163+/-2.424 χ^2/NDF : 338299.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

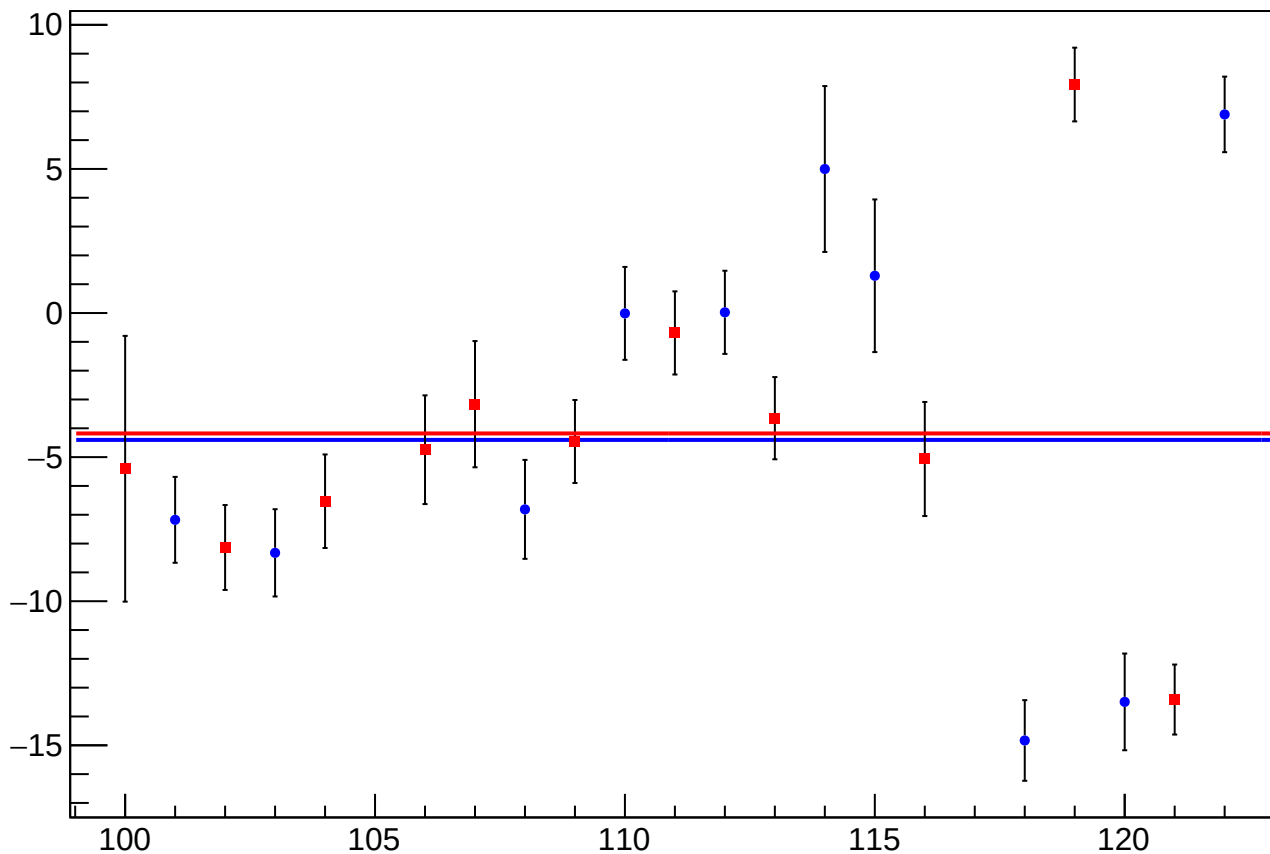
Right: 7480.599+/-1.826 χ^2/NDF : 460632.3/20

In: 7881.362+/-2.776 χ^2/NDF : 85614.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7480.599+/-1.826 χ^2/NDF : 460632.3/20

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: -4.179 +/- 0.478 χ^2/NDF : 163.3/10

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

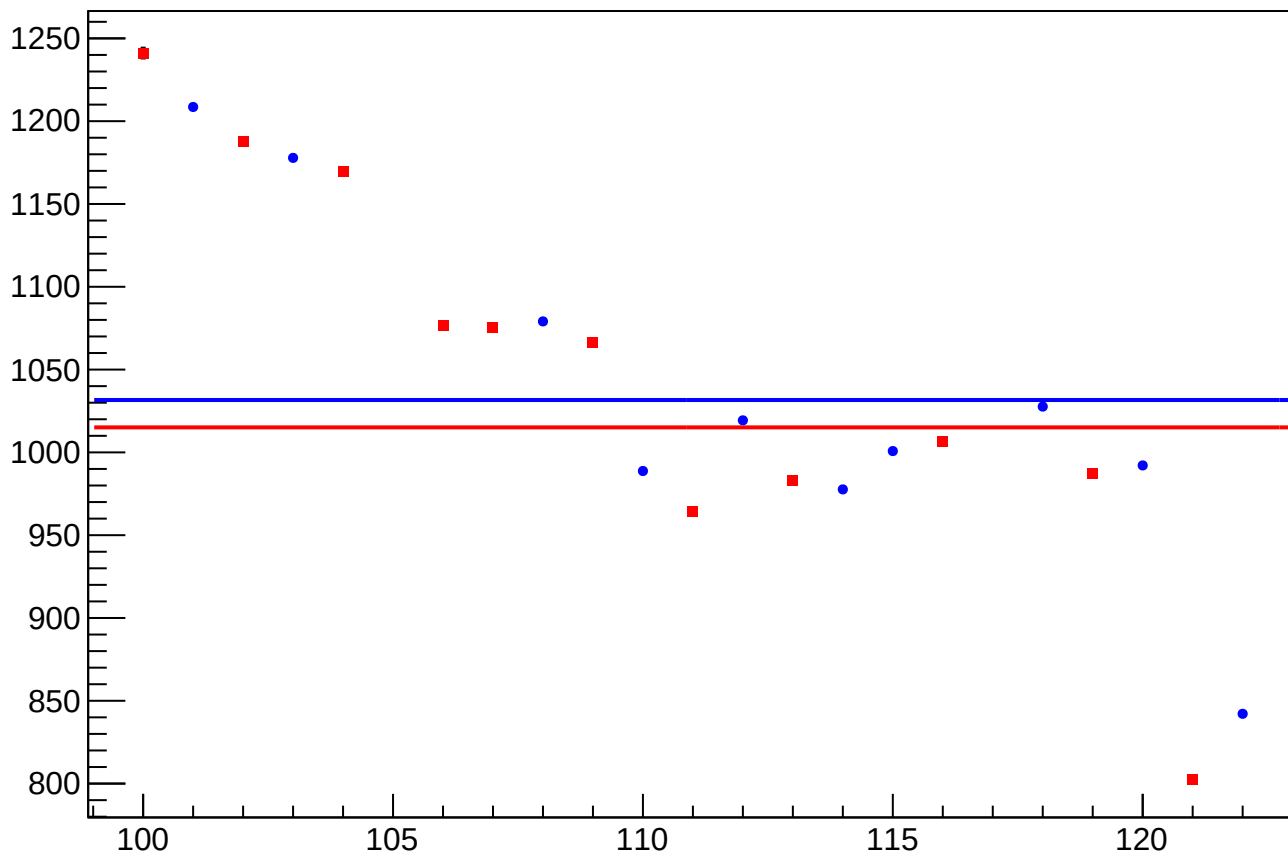
Right: -4.283 +/- 0.350 χ^2/NDF : 366.8/20

In: -4.403 +/- 0.513 χ^2/NDF : 203.4/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -4.283 +/- 0.350 χ^2/NDF : 366.8/20

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: 1015.098+/-0.338 χ^2/NDF : 122119.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

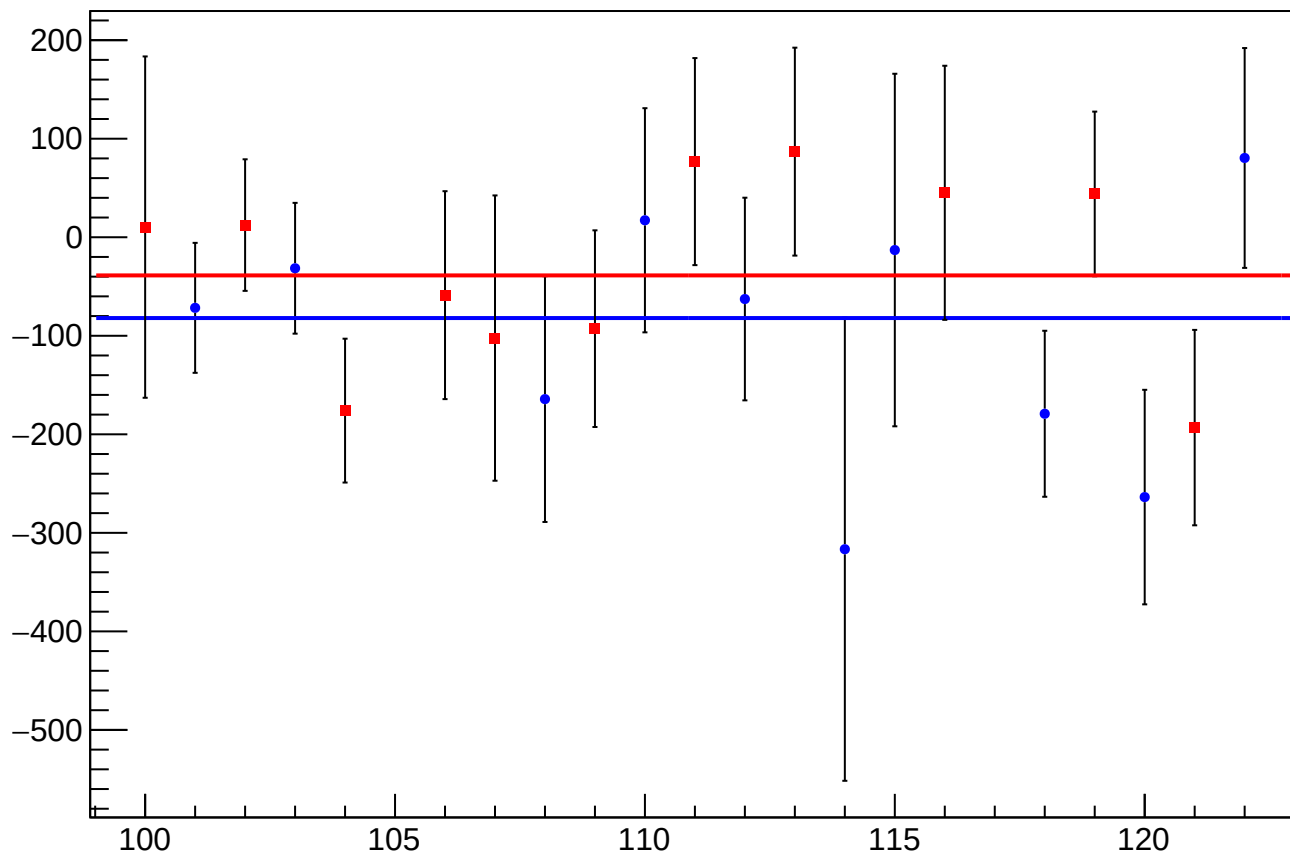
Right: 1022.781+/-0.247 χ^2/NDF : 217041.1/20

In: 1031.622+/-0.363 χ^2/NDF : 93811.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1022.781+/-0.247 χ^2/NDF : 217041.1/20

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -82.009 $\pm$ 30.887 χ^2 /NDF: 9.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.734 $\pm$ 29.249 χ^2 /NDF: 11.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

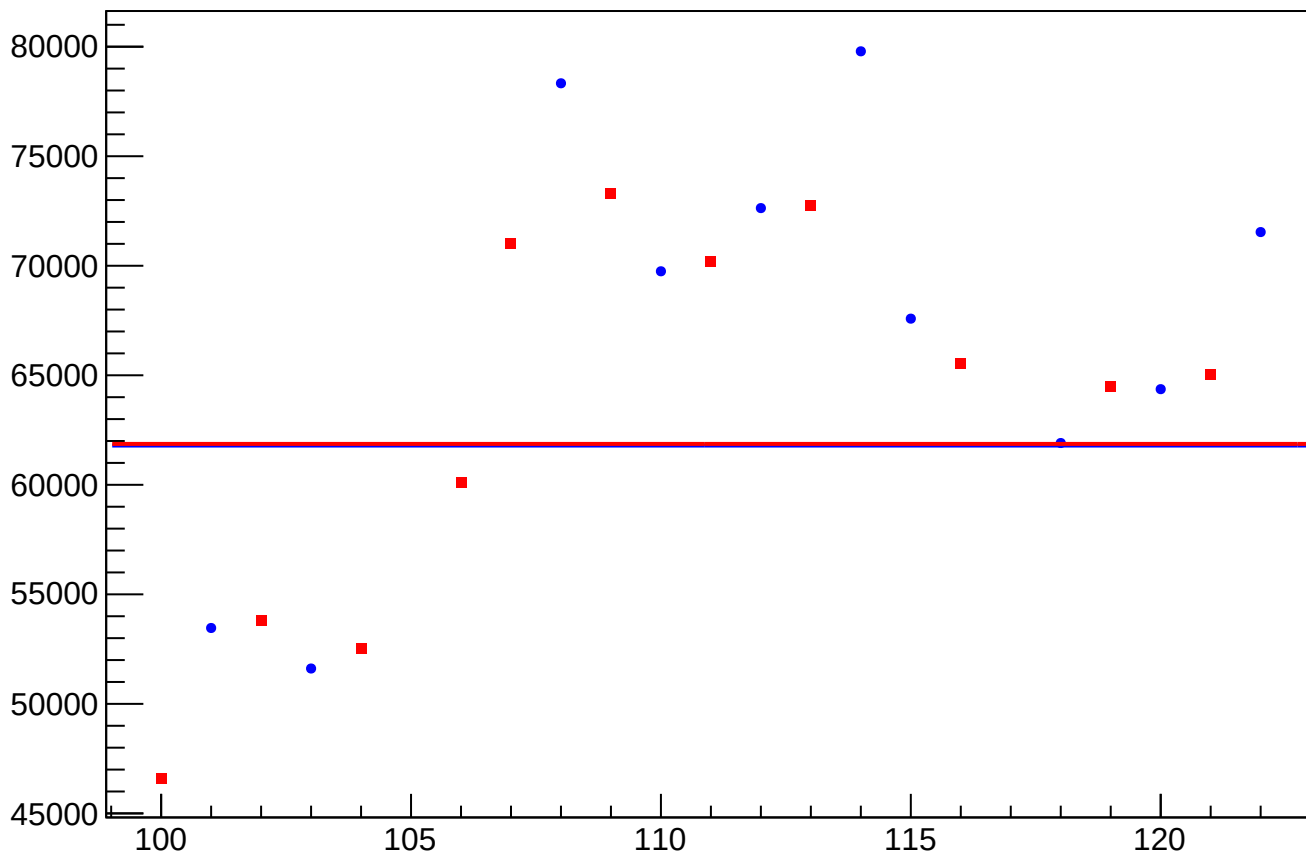
Right: -59.193 $\pm$ 21.238 χ^2 /NDF: 21.4/20

In: -82.009 $\pm$ 30.887 χ^2 /NDF:9.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -59.193 $\pm$ 21.238 χ^2 /NDF: 21.4/20

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: 61866.902+/-20.682 χ^2/NDF : 152003.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

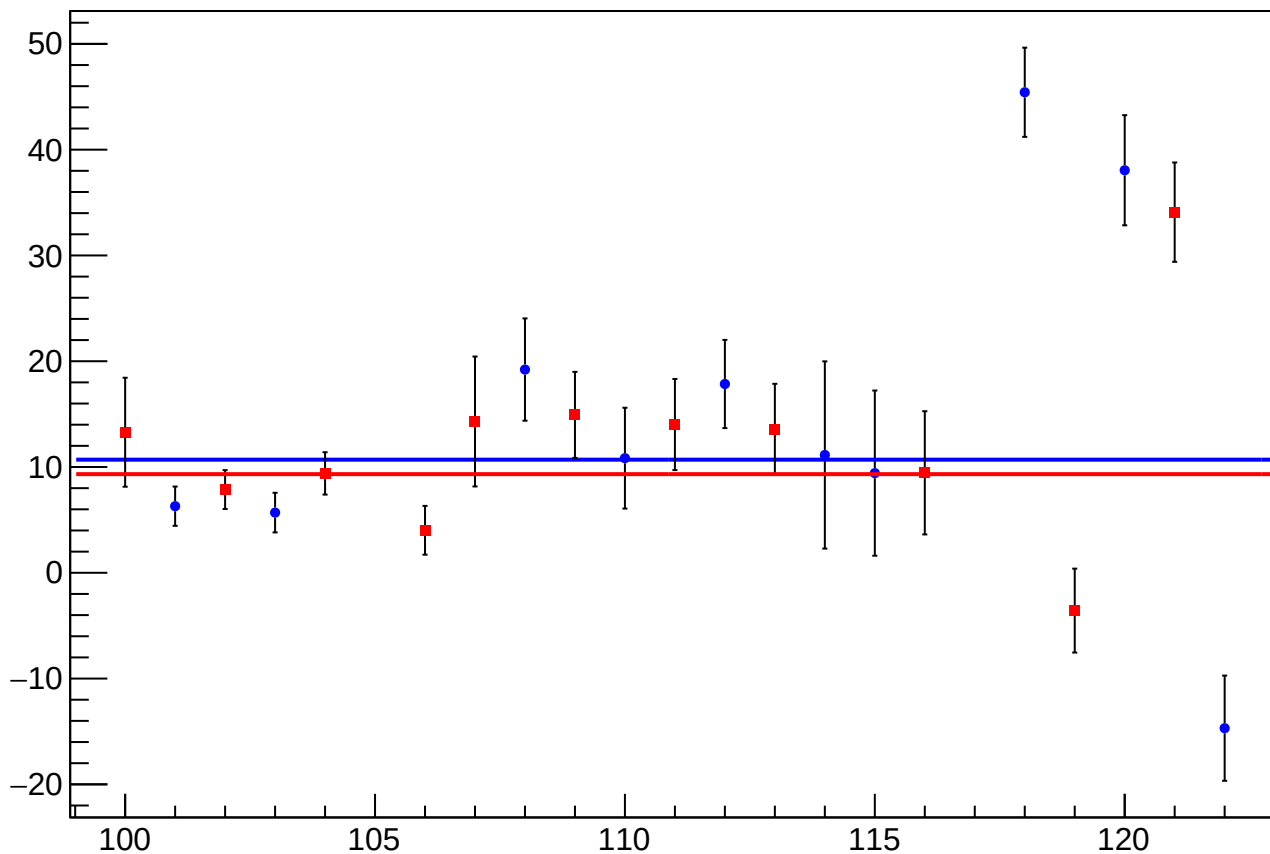
Right: 61832.071+/-15.017 χ^2/NDF : 328342.2/20

In: 61793.229+/-21.841 χ^2/NDF : 176333.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61832.071+/-15.017 χ^2/NDF : 328342.2/20

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: 9.325+/-0.951 χ^2/NDF : 49.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

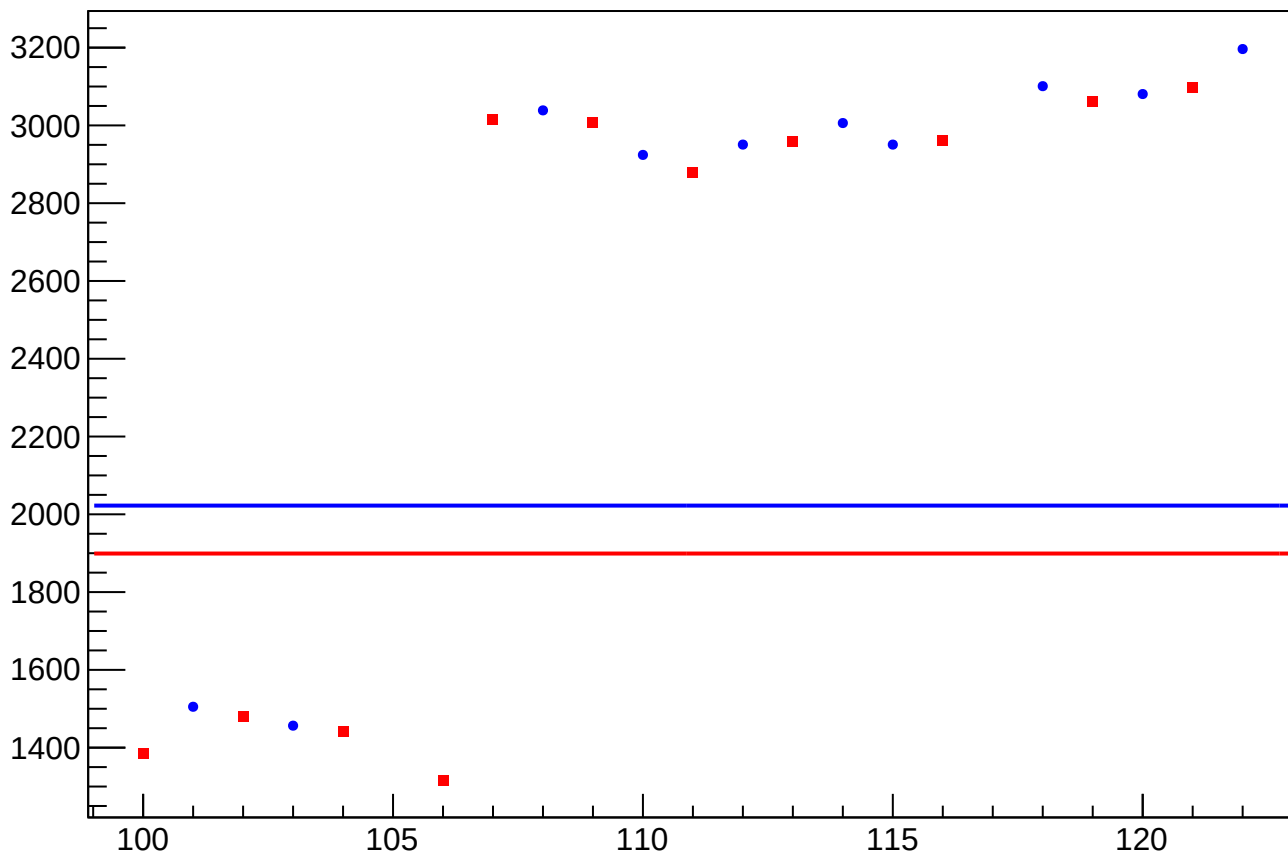
Right: 9.933+/-0.709 χ^2/NDF : 190.9/20

In: 10.694+/-1.065 χ^2/NDF : 140.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.933+/-0.709 χ^2/NDF : 190.9/20

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: 1899.135+/-0.673 χ^2/NDF : 1164883.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

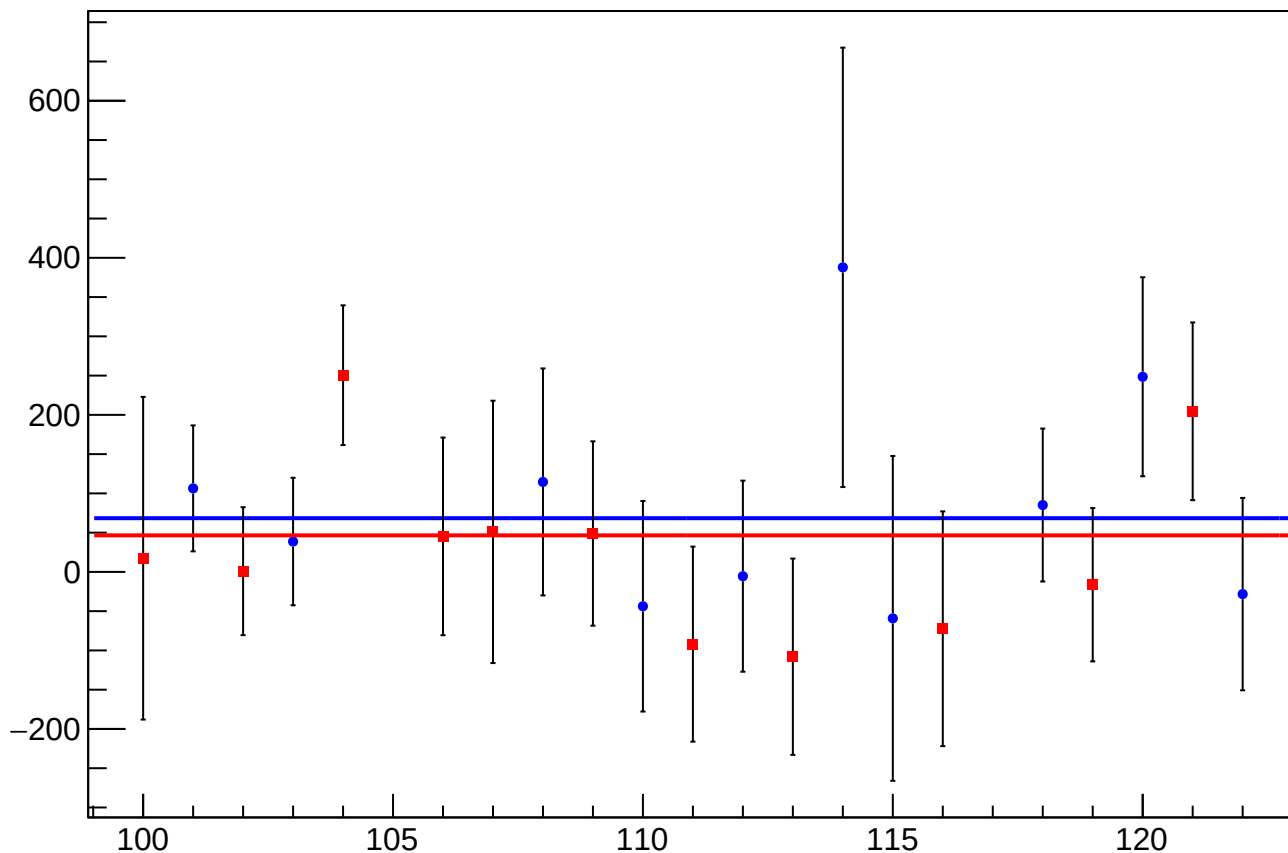
Right: 1953.866+/-0.502 χ^2/NDF : 2154697.9/20

In: 2022.410+/-0.753 χ^2/NDF : 974902.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.866+/-0.502 χ^2/NDF : 2154697.9/20

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: 46.549+/-34.734 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

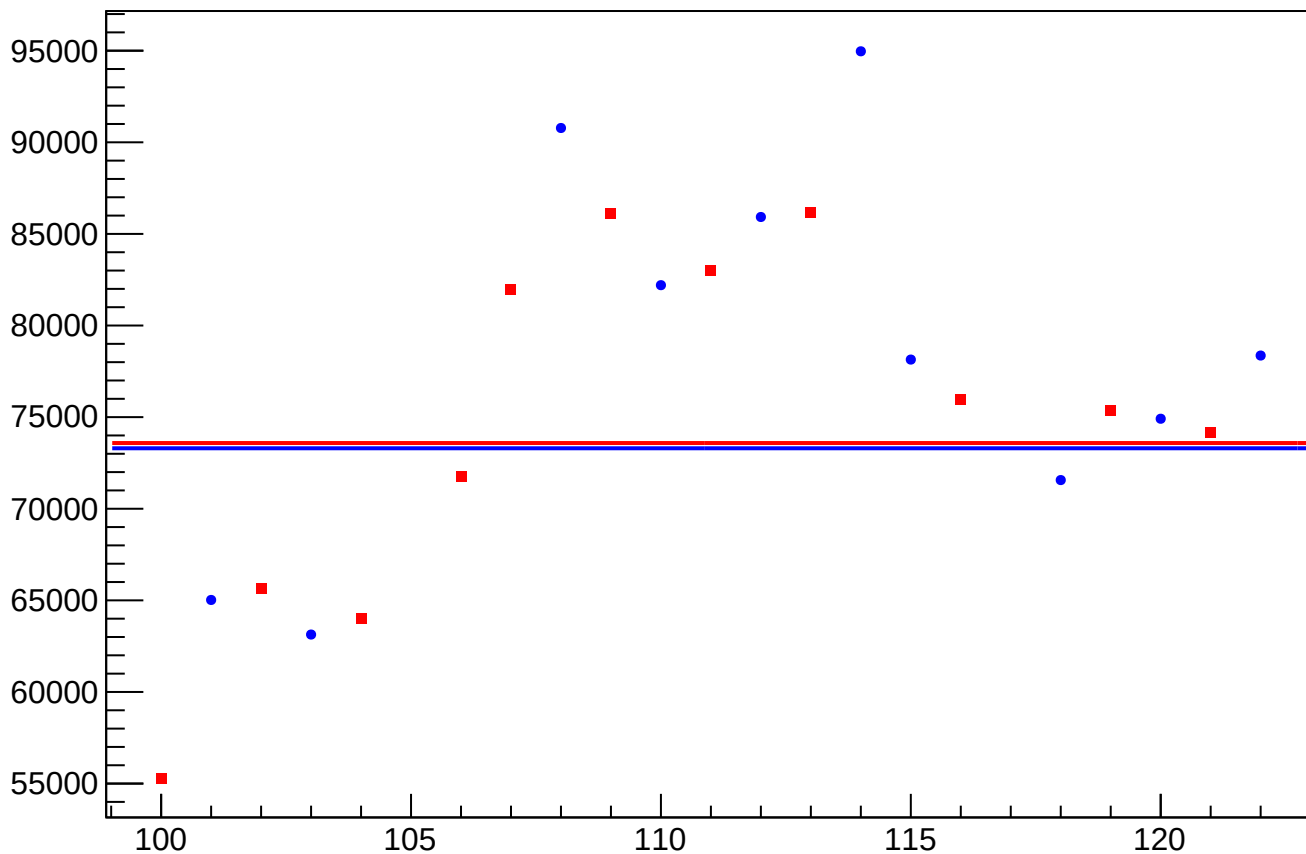
Right: 56.926+/-25.176 χ^2/NDF : 17.4/20

In: 68.413+/-36.544 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.926+/-25.176 χ^2/NDF : 17.4/20

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: 73586.113+/-24.561 χ^2 /NDF: 119400.5/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

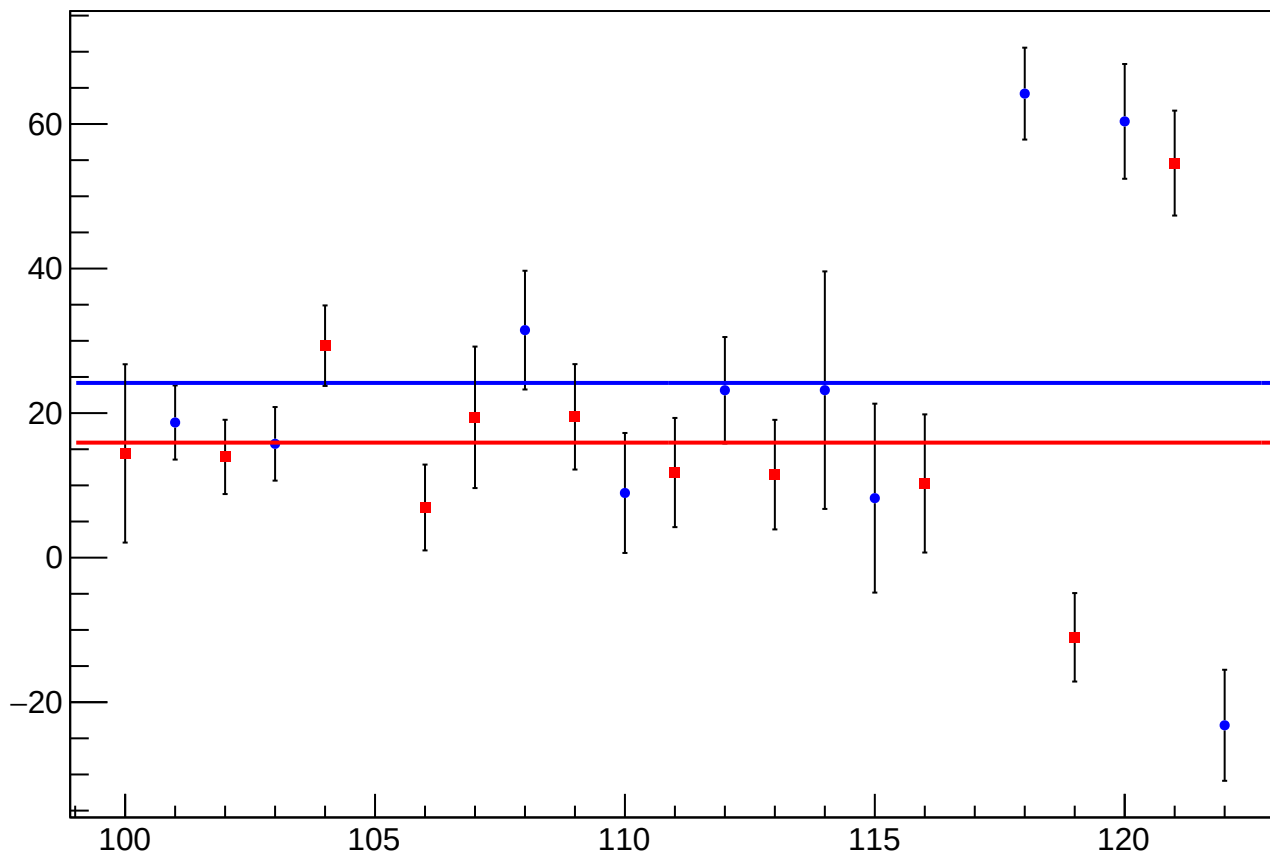
Right: 73450.332+/-17.802 χ^2 /NDF: 249208.8/20

In: 73300.029+/-25.841 χ^2 /NDF:129743.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 73450.332+/-17.802 χ^2 /NDF: 249208.8/20

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: 15.916+/-2.104 χ^2/NDF : 57.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

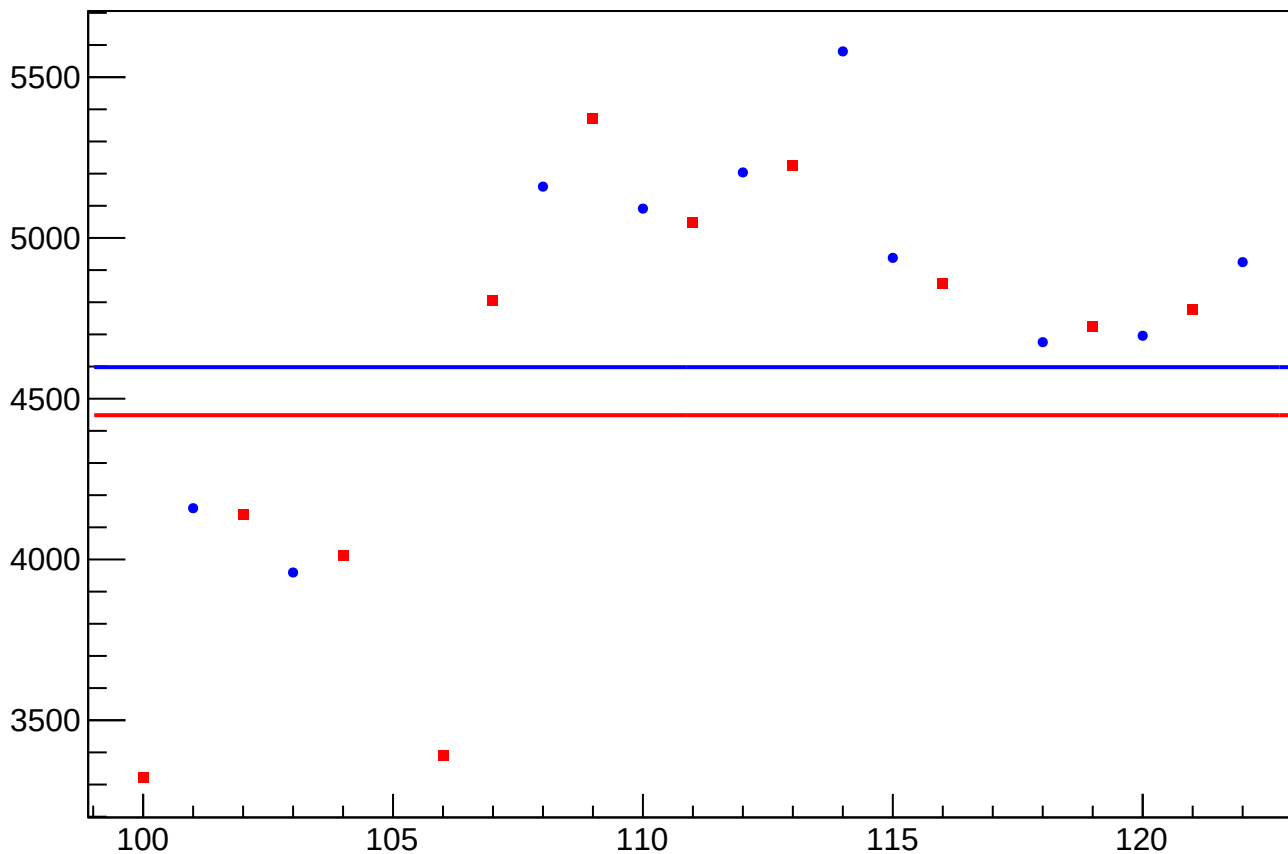
Right: 19.706+/-1.548 χ^2/NDF : 172.4/20

In: 24.176+/-2.285 χ^2/NDF : 108.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.706+/-1.548 χ^2/NDF : 172.4/20

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: 4448.661+/-1.488 χ^2/NDF : 180201.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

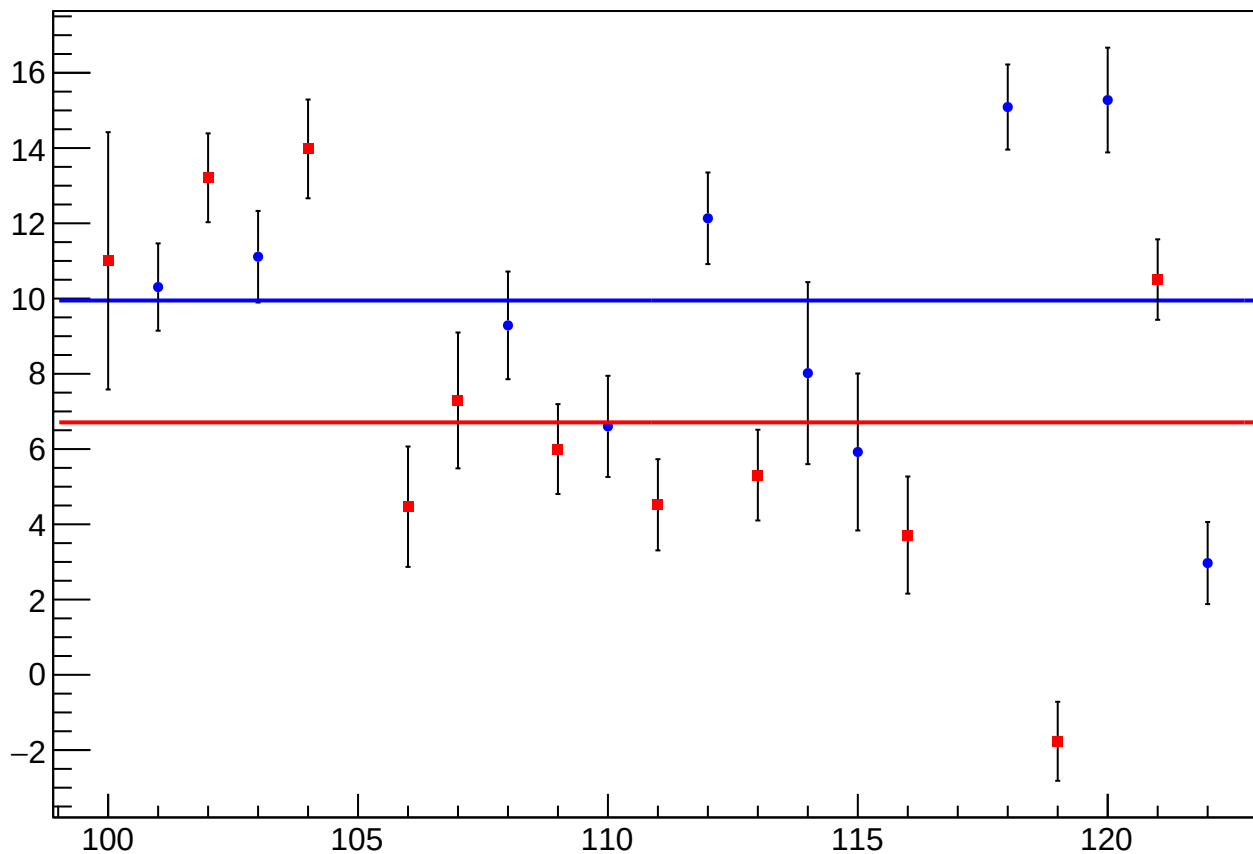
Right: 4517.219+/-1.095 χ^2/NDF : 273564.3/20

In: 4598.078+/-1.616 χ^2/NDF : 88736.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4517.219+/-1.095 χ^2/NDF : 273564.3/20

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: 6.709 $\pm$ 0.397 χ^2 /NDF: 151.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

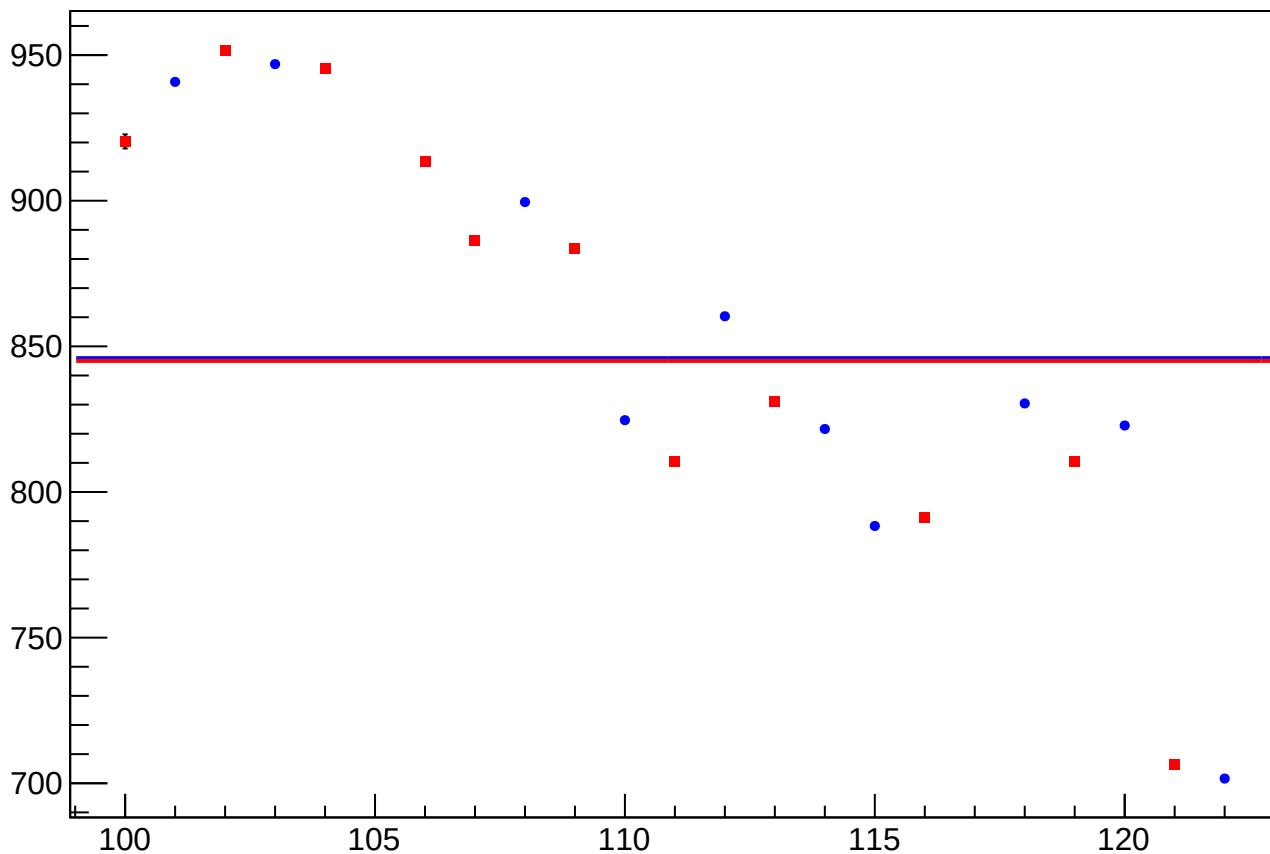
Right: 8.238 $\pm$ 0.288 χ^2 /NDF: 273.7/20

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: 8.238 $\pm$ 0.288 χ^2 /NDF: 273.7/20

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: 845.003+/-0.281 χ^2/NDF : 75847.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

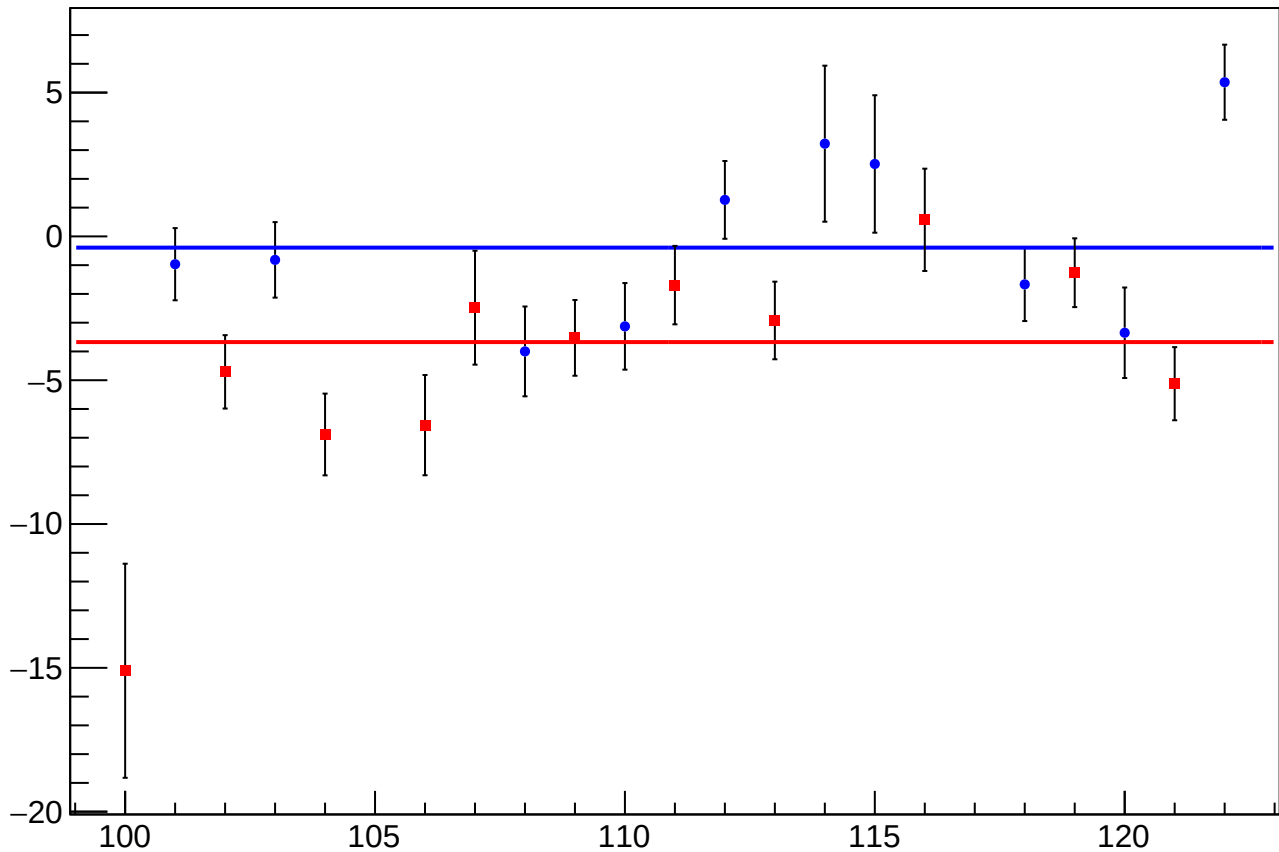
Right: 845.451+/-0.204 χ^2/NDF : 144233.3/20

In: 845.952+/-0.297 χ^2/NDF : 68380.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 845.451+/-0.204 χ^2/NDF : 144233.3/20

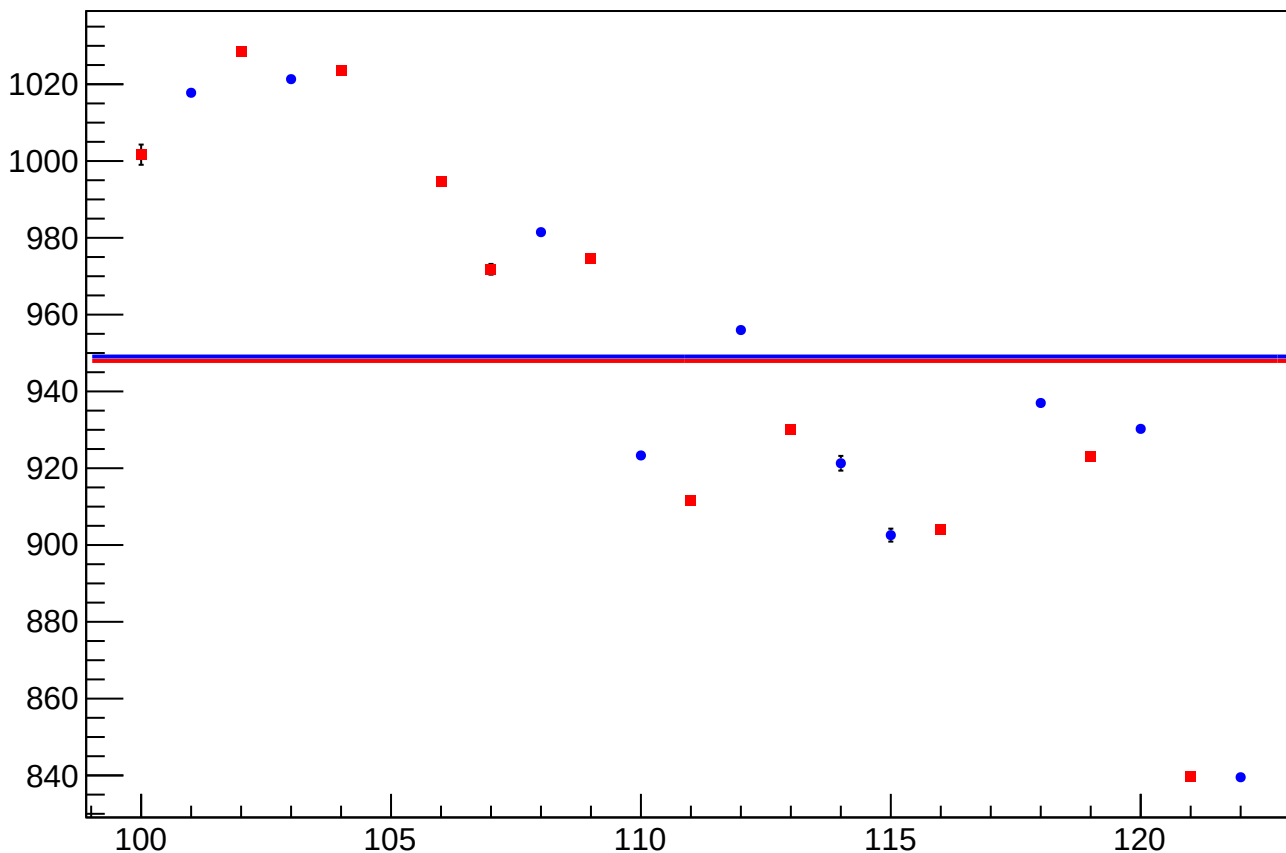
diff_bpm2i01Y_mean vs Slug, Sign Corrected



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: -3.674+/-0.444 χ^2/NDF : 31.8/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -2.124+/-0.323 χ^2/NDF : 95.3/20
 In: -0.390+/-0.470 χ^2/NDF :37.7/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -2.124+/-0.323 χ^2/NDF : 95.3/20

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: 947.938+/-0.314 χ^2/NDF : 34975.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

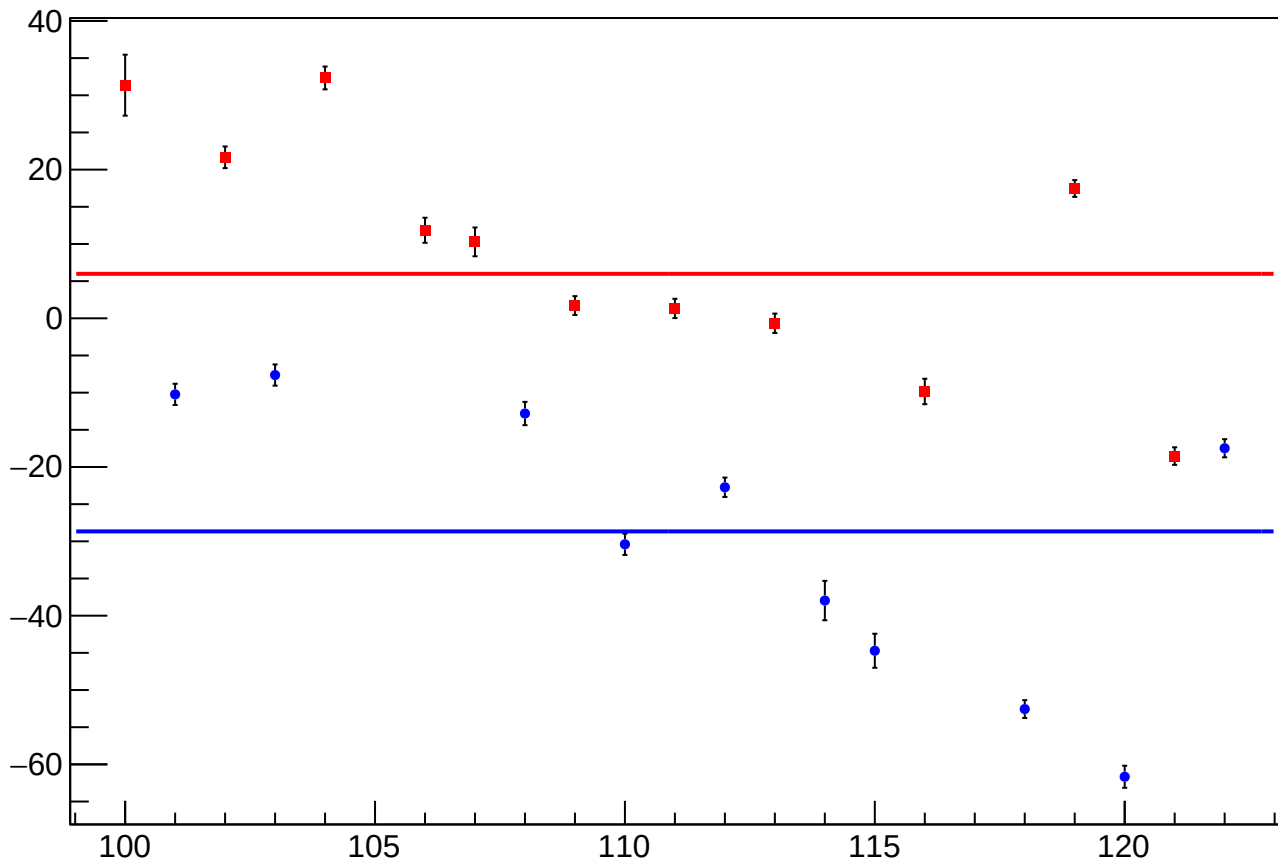
Right: 948.479+/-0.228 χ^2/NDF : 64045.8/20

In: 949.083+/-0.332 χ^2/NDF : 29064.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.479+/-0.228 χ^2/NDF : 64045.8/20

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -28.664 $\pm$ 0.466 χ^2 /NDF: 1543.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.982 $\pm$ 0.437 χ^2 /NDF: 1136.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

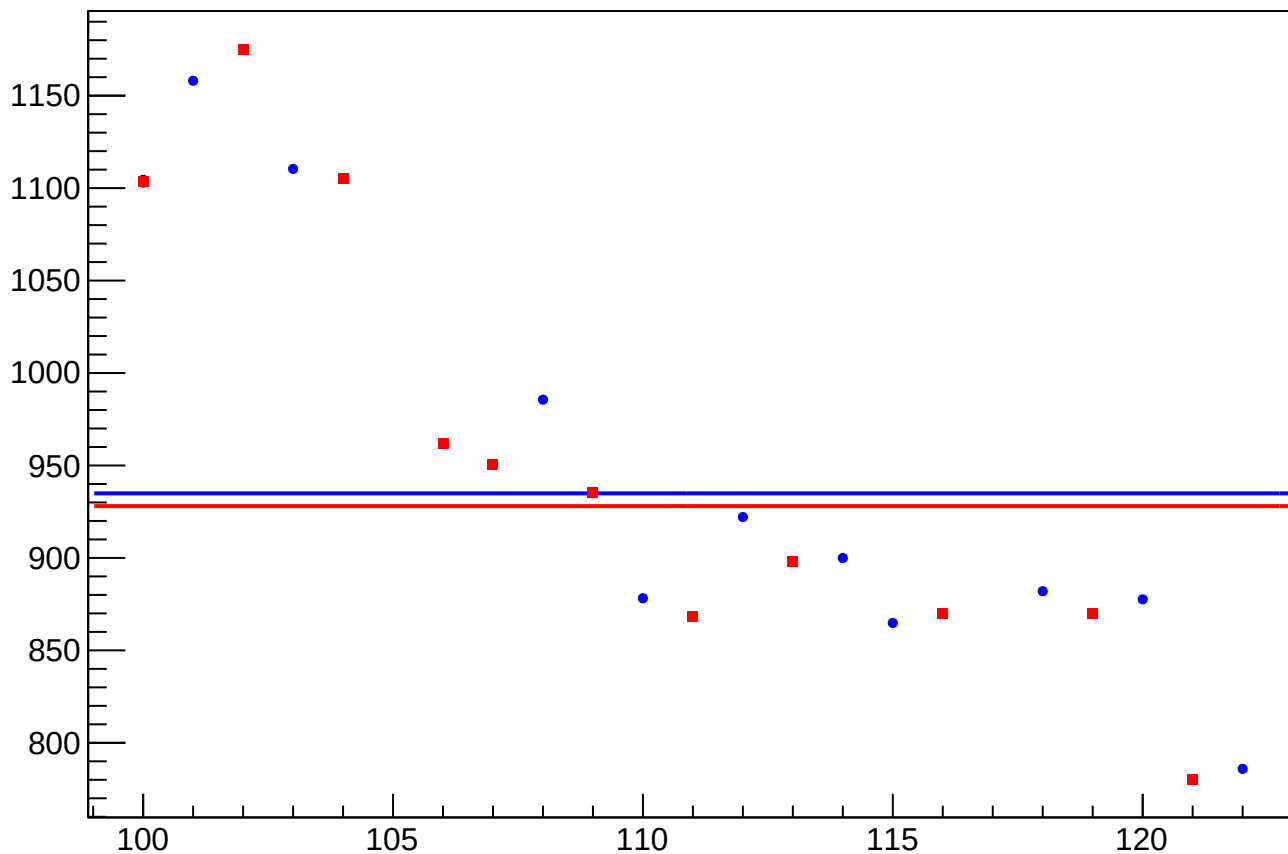
Right: -10.260 $\pm$ 0.319 χ^2 /NDF: 5622.0/20

In: -28.664 $\pm$ 0.466 χ^2 /NDF:1543.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.260 $\pm$ 0.319 χ^2 /NDF: 5622.0/20

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: 928.026+/-0.309 χ^2/NDF : 132974.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

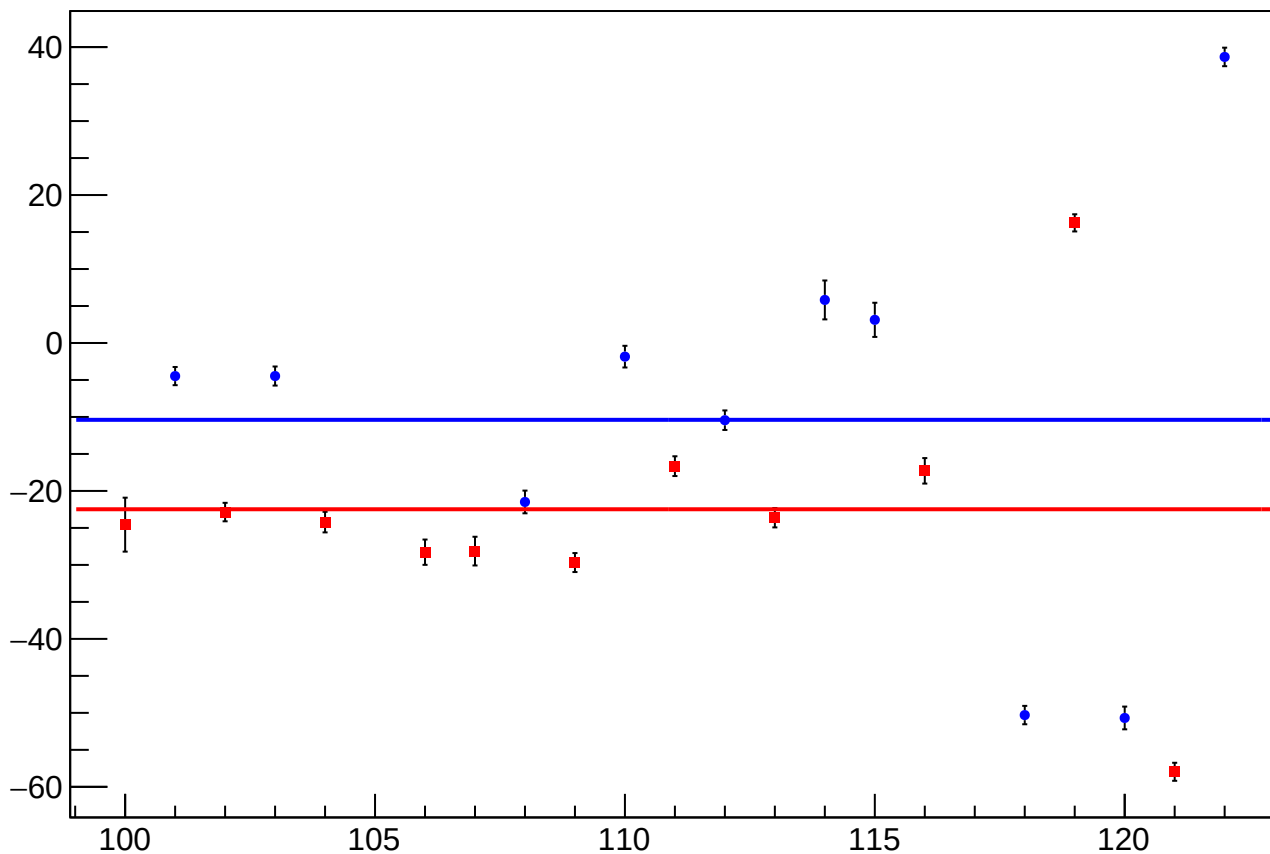
Right: 931.258+/-0.225 χ^2/NDF : 256488.8/20

In: 934.921+/-0.329 χ^2/NDF : 123281.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 931.258+/-0.225 χ^2/NDF : 256488.8/20

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: -22.477+/-0.433 χ^2/NDF : 2043.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

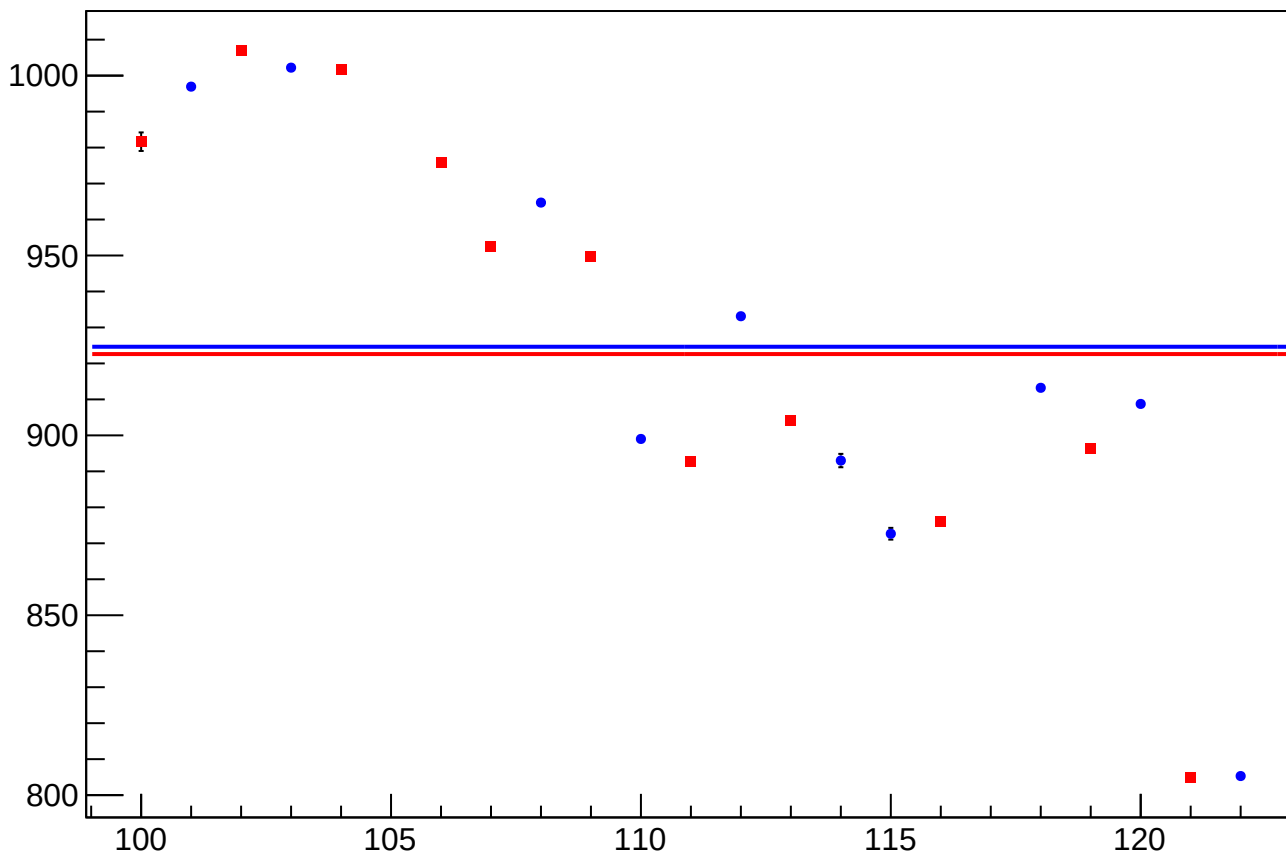
Right: -16.776+/-0.314 χ^2/NDF : 5867.4/20

In: -10.388+/-0.458 χ^2/NDF : 3456.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.776+/-0.314 χ^2/NDF : 5867.4/20

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: 922.602+/-0.306 χ^2/NDF : 41994.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

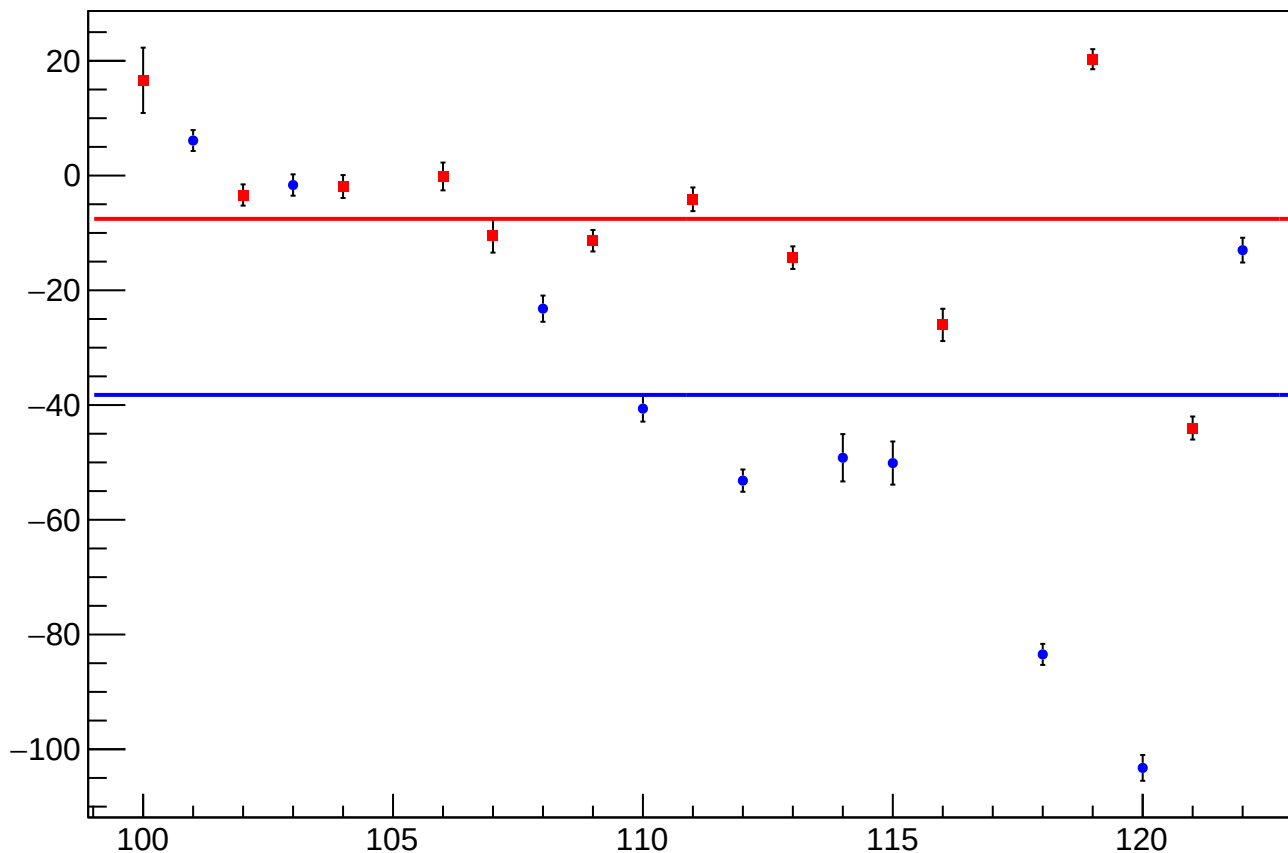
Right: 923.561+/-0.222 χ^2/NDF : 78096.4/20

In: 924.637+/-0.324 χ^2/NDF :36081.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 923.561+/-0.222 χ^2/NDF : 78096.4/20

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: -7.545 $\pm$ 0.654 χ^2 /NDF: 686.4/10

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

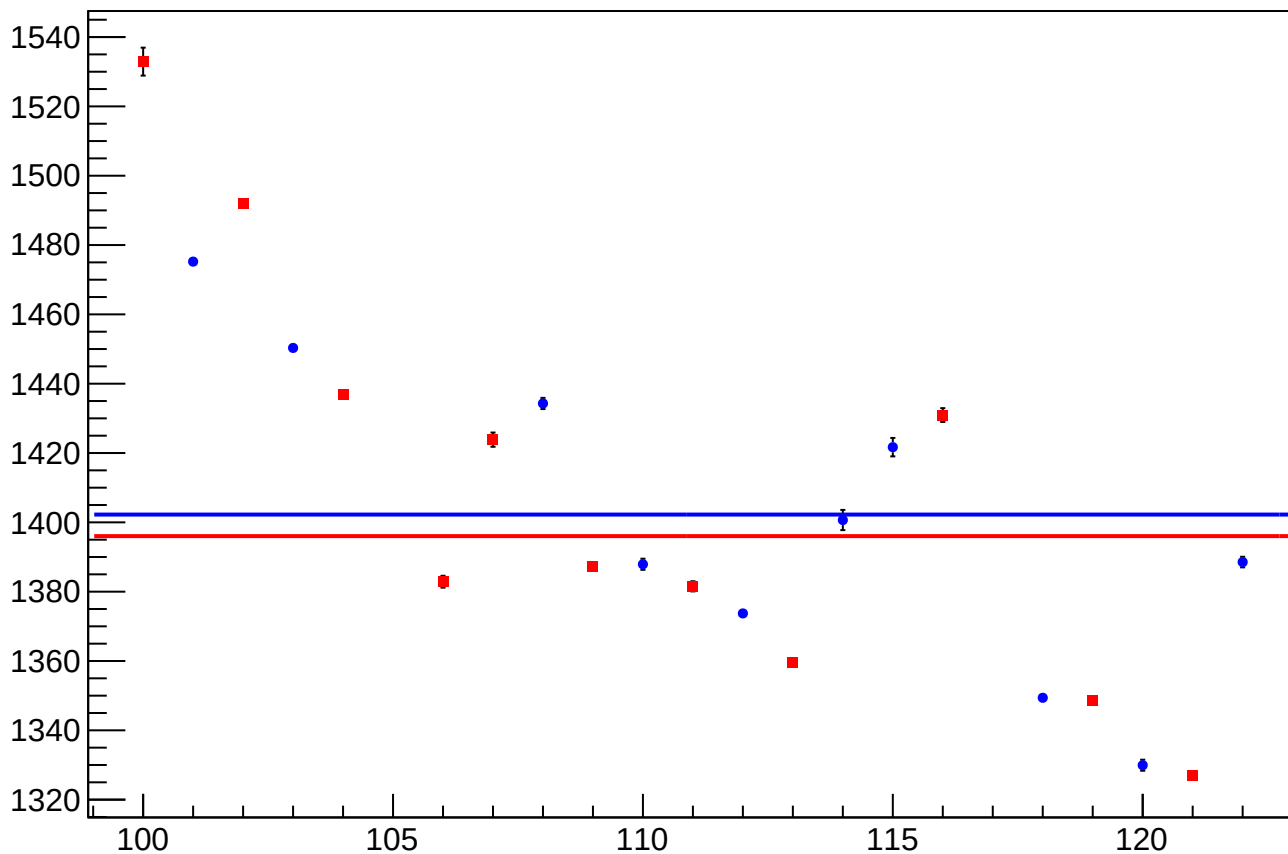
Right: -21.988 $\pm$ 0.476 χ^2 /NDF: 4404.9/20

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: -21.988 $\pm$ 0.476 χ^2 /NDF: 4404.9/20

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: 1396.025+/-0.462 χ^2/NDF : 12588.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

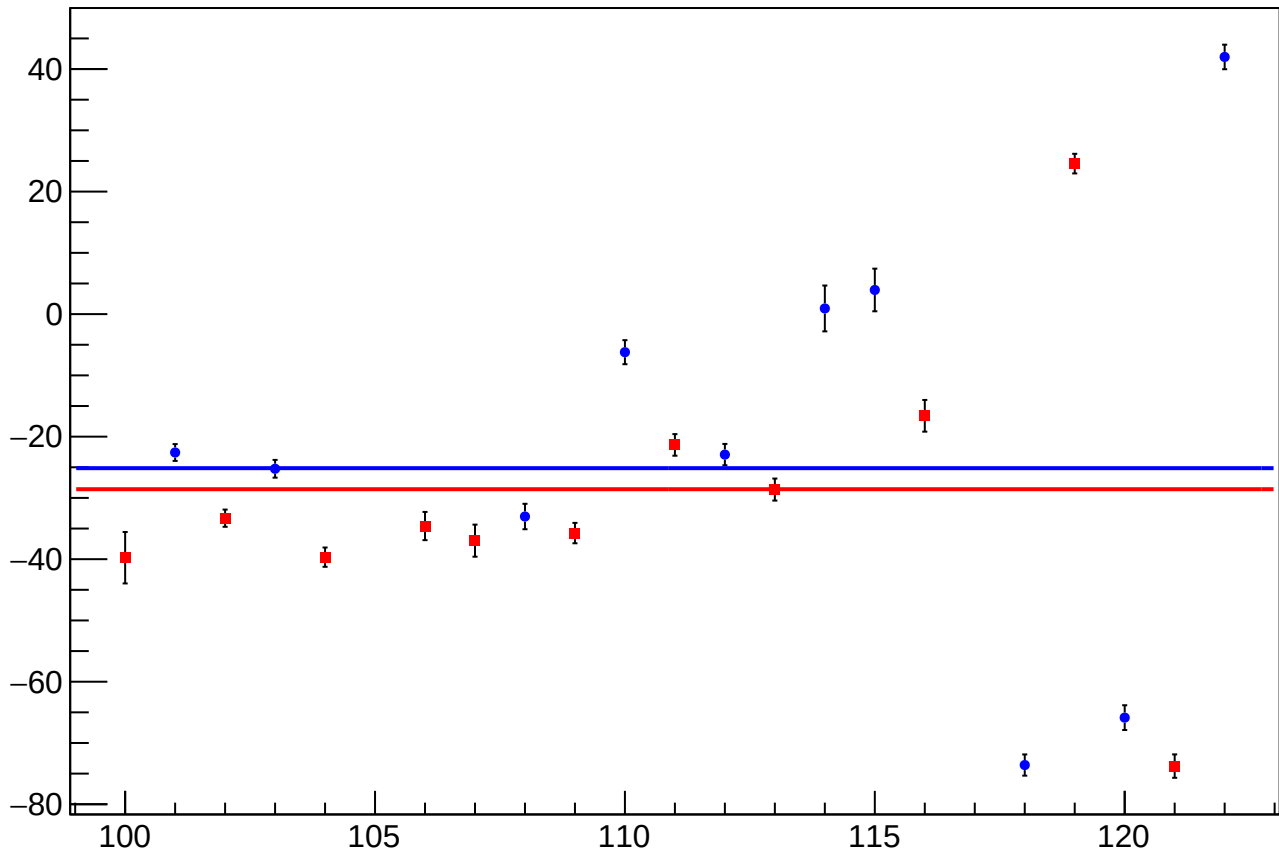
Right: 1398.952+/-0.336 χ^2/NDF : 21991.7/20

In: 1402.244+/-0.490 χ^2/NDF : 9318.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.952+/-0.336 χ^2/NDF : 21991.7/20

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: -28.579+/-0.567 χ^2/NDF : 1803.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

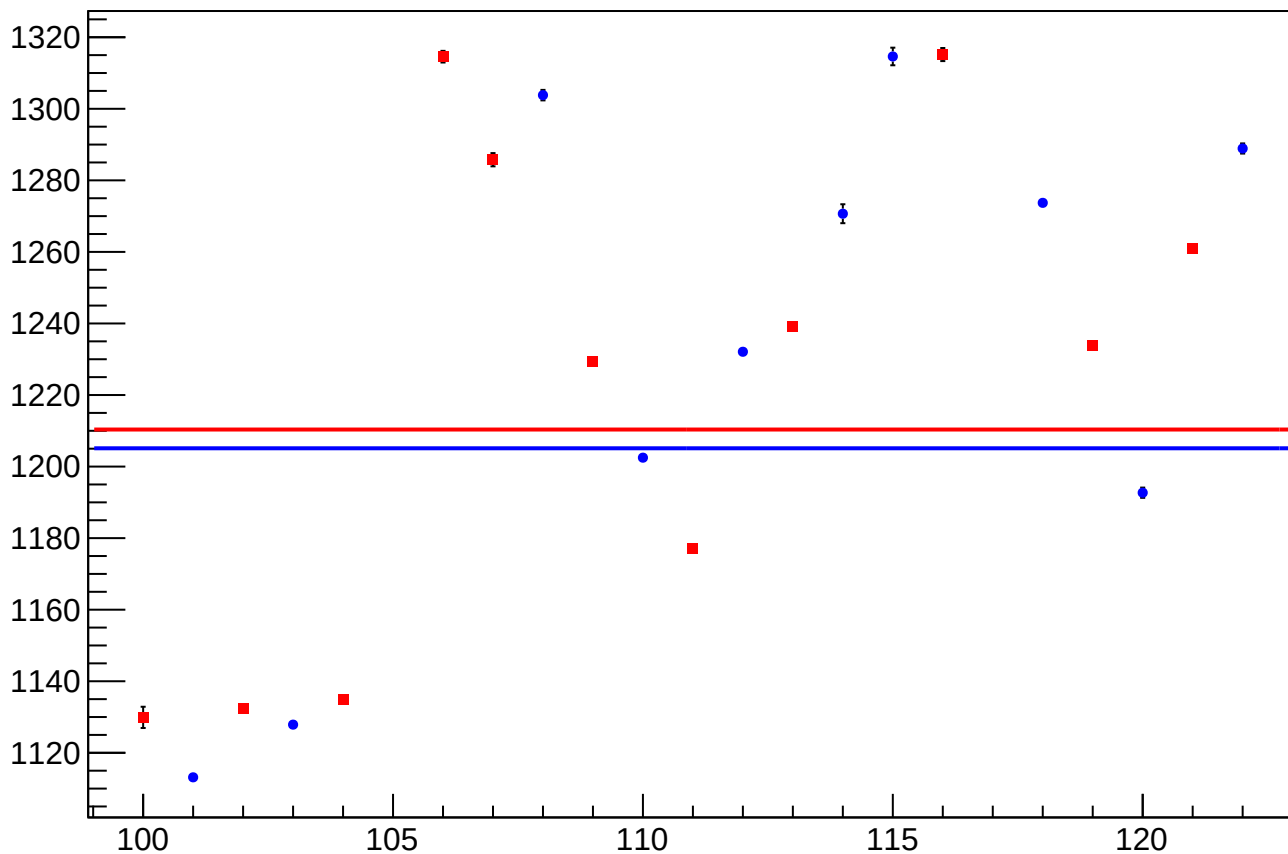
Right: -26.949+/-0.411 χ^2/NDF : 4362.0/20

In: -25.145+/-0.597 χ^2/NDF : 2541.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.949+/-0.411 χ^2/NDF : 4362.0/20

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: 1210.356+/-0.401 χ^2/NDF : 23879.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

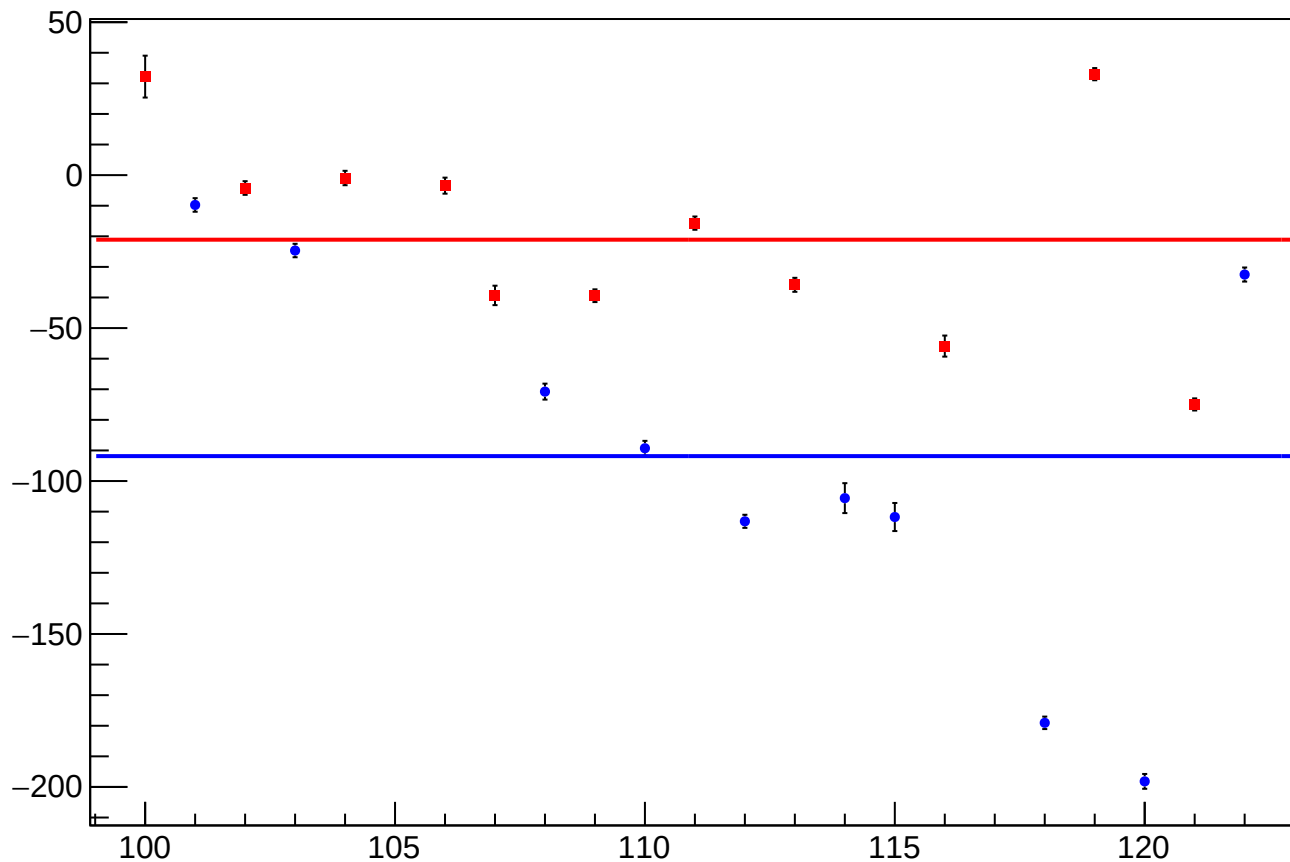
Right: 1207.867+/-0.291 χ^2/NDF : 52927.7/20

In: 1205.113+/-0.422 χ^2/NDF : 28967.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.867+/-0.291 χ^2/NDF : 52927.7/20

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: -21.106 ± 0.731 χ^2/NDF : 1970.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

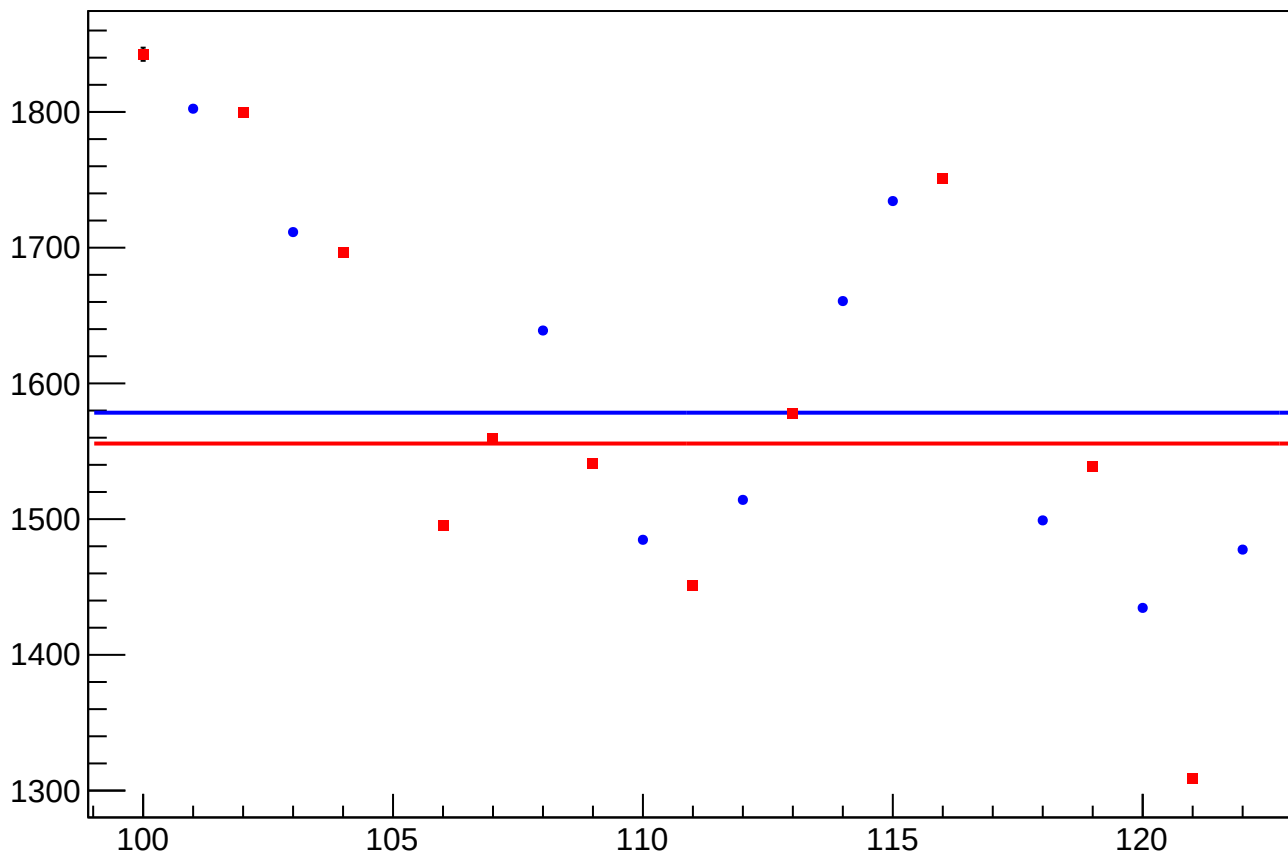
Right: -54.081 ± 0.534 χ^2/NDF : 13240.6/20

In: -91.854 ± 0.783 χ^2/NDF : 6906.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.081 ± 0.534 χ^2/NDF : 13240.6/20

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: 1555.693+/-0.517 χ^2/NDF : 78206.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

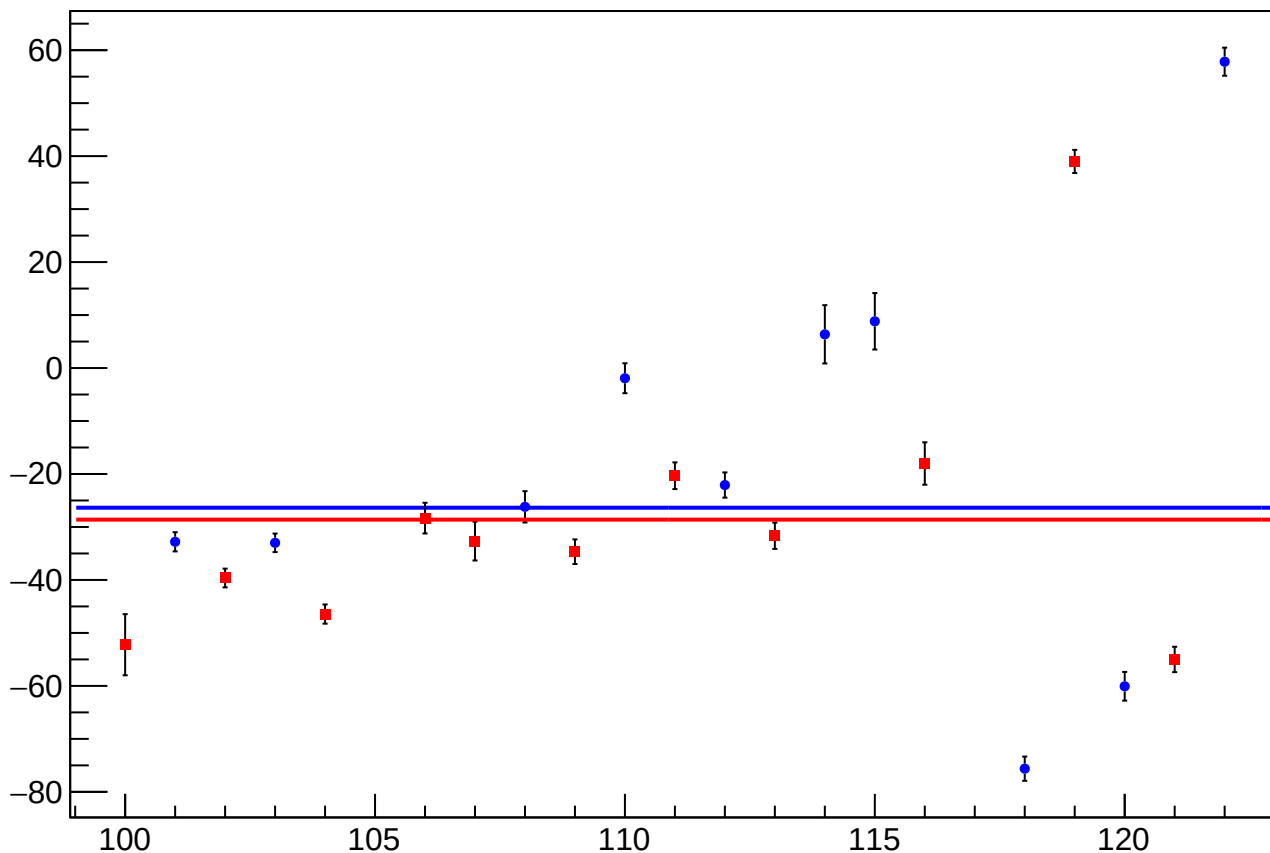
Right: 1566.286+/-0.378 χ^2/NDF : 129375.4/20

In: 1578.421+/-0.553 χ^2/NDF : 50267.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.286+/-0.378 χ^2/NDF : 129375.4/20

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -26.363 $\pm$ 0.794 χ^2 /NDF: 1811.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.612 $\pm$ 0.745 χ^2 /NDF: 1258.9/10

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

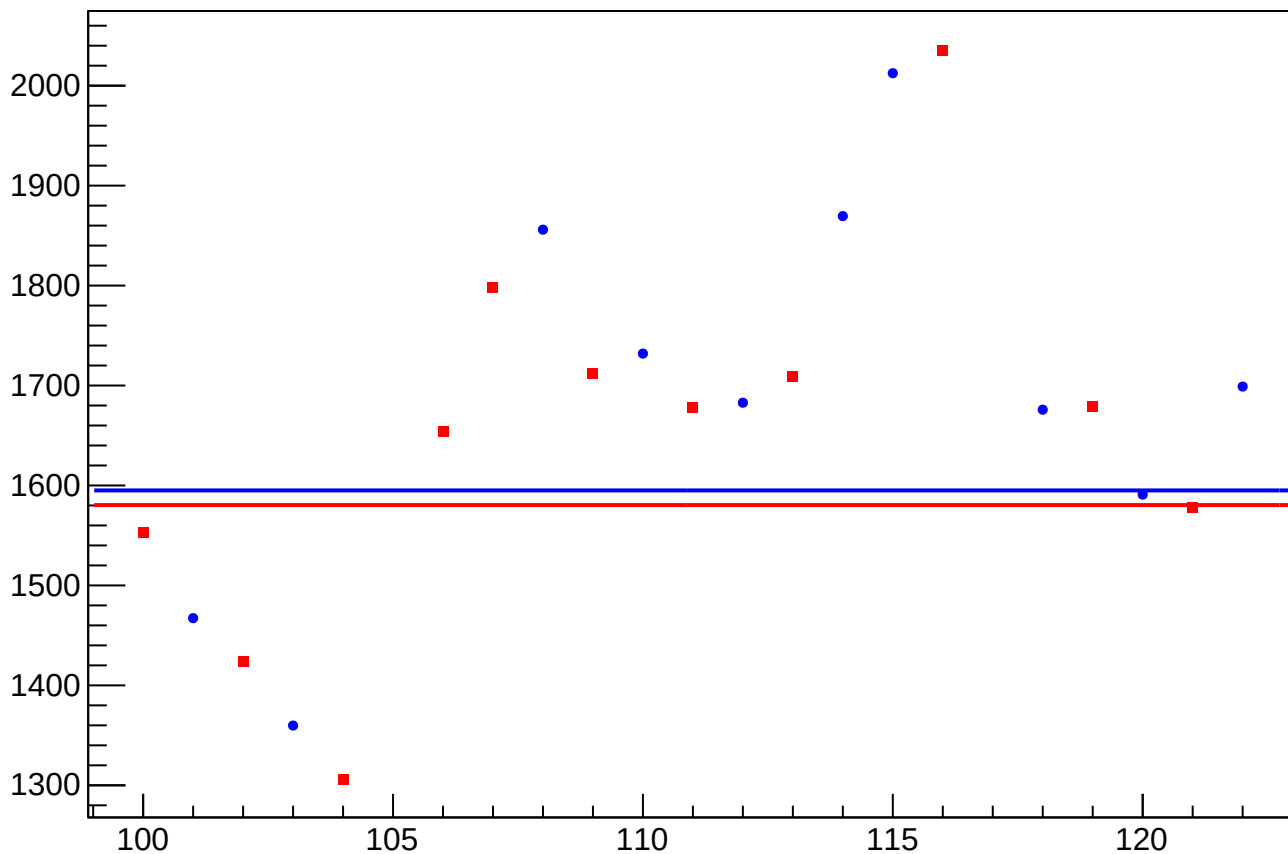
Right: -27.558 $\pm$ 0.544 χ^2 /NDF: 3074.8/20

In: -26.363 $\pm$ 0.794 χ^2 /NDF:1811.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.558 $\pm$ 0.544 χ^2 /NDF: 3074.8/20

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: 1580.388+/-0.527 χ^2/NDF : 114578.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

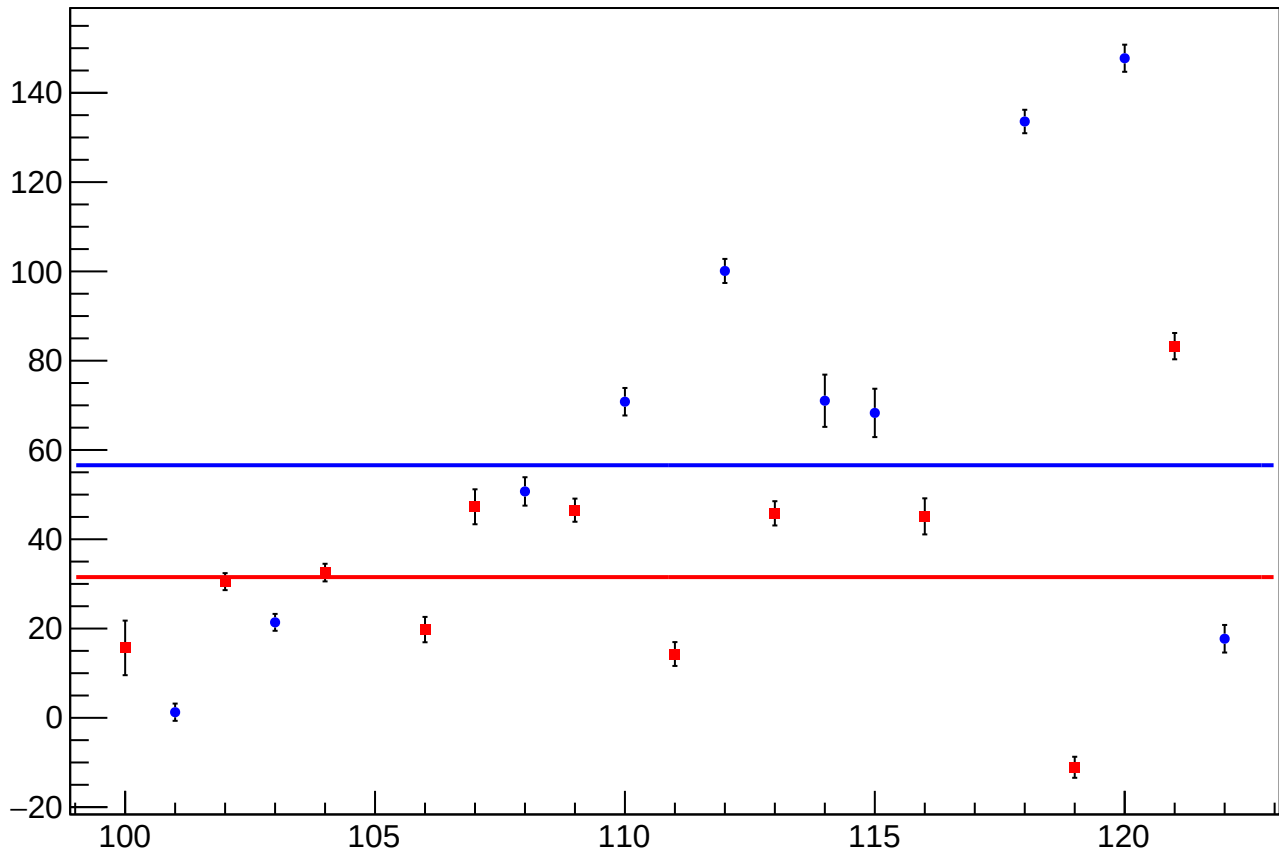
Right: 1587.258+/-0.384 χ^2/NDF : 206908.4/20

In: 1595.053+/-0.561 χ^2/NDF : 91967.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.258+/-0.384 χ^2/NDF : 206908.4/20

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: 31.524+/-0.808 χ^2/NDF : 789.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

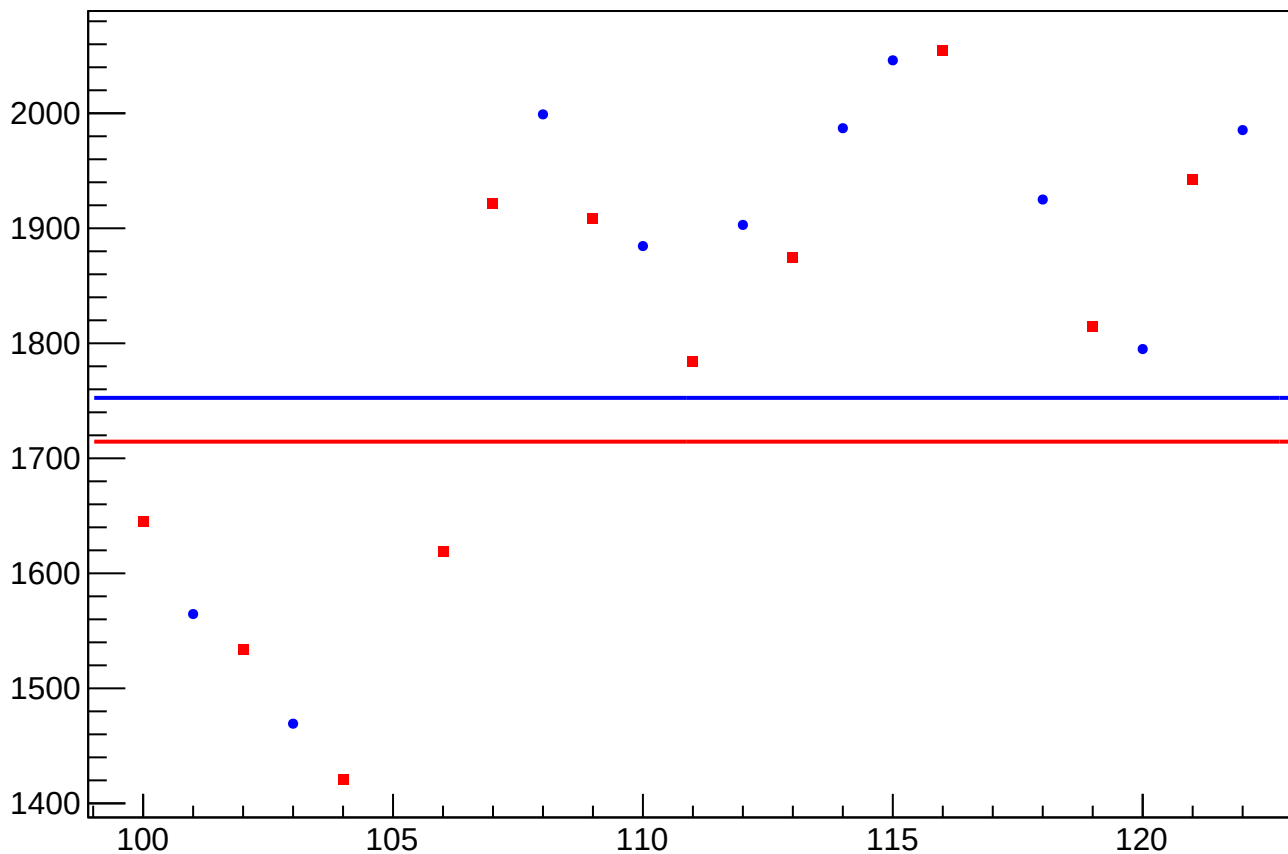
Right: 43.089+/-0.593 χ^2/NDF : 4615.7/20

In: 56.581+/-0.873 χ^2/NDF : 3382.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.089+/-0.593 χ^2/NDF : 4615.7/20

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: 1714.493+/-0.572 χ^2/NDF : 119803.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

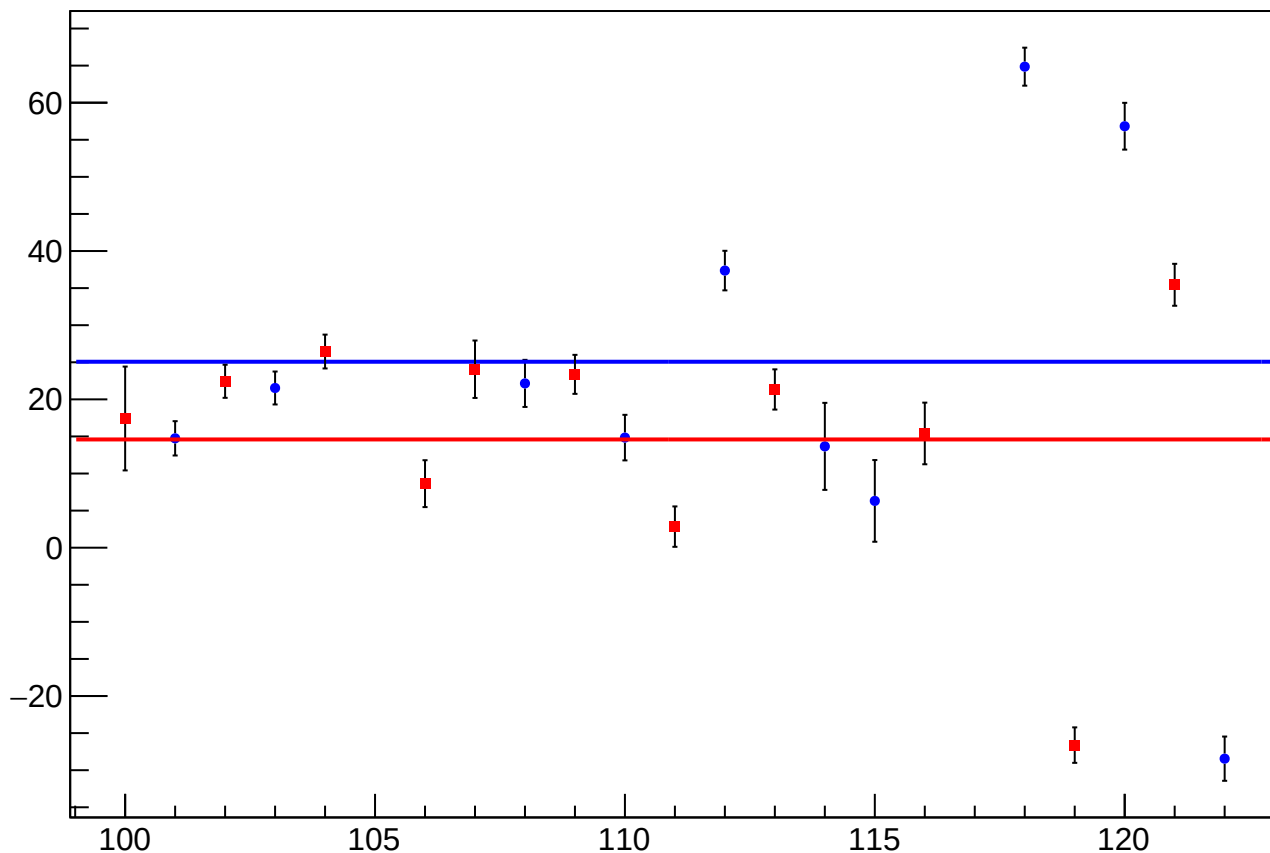
Right: 1732.065+/-0.420 χ^2/NDF : 237099.7/20

In: 1752.564+/-0.617 χ^2/NDF : 115249.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1732.065+/-0.420 χ^2/NDF : 237099.7/20

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: 14.595+/-0.860 χ^2/NDF : 436.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

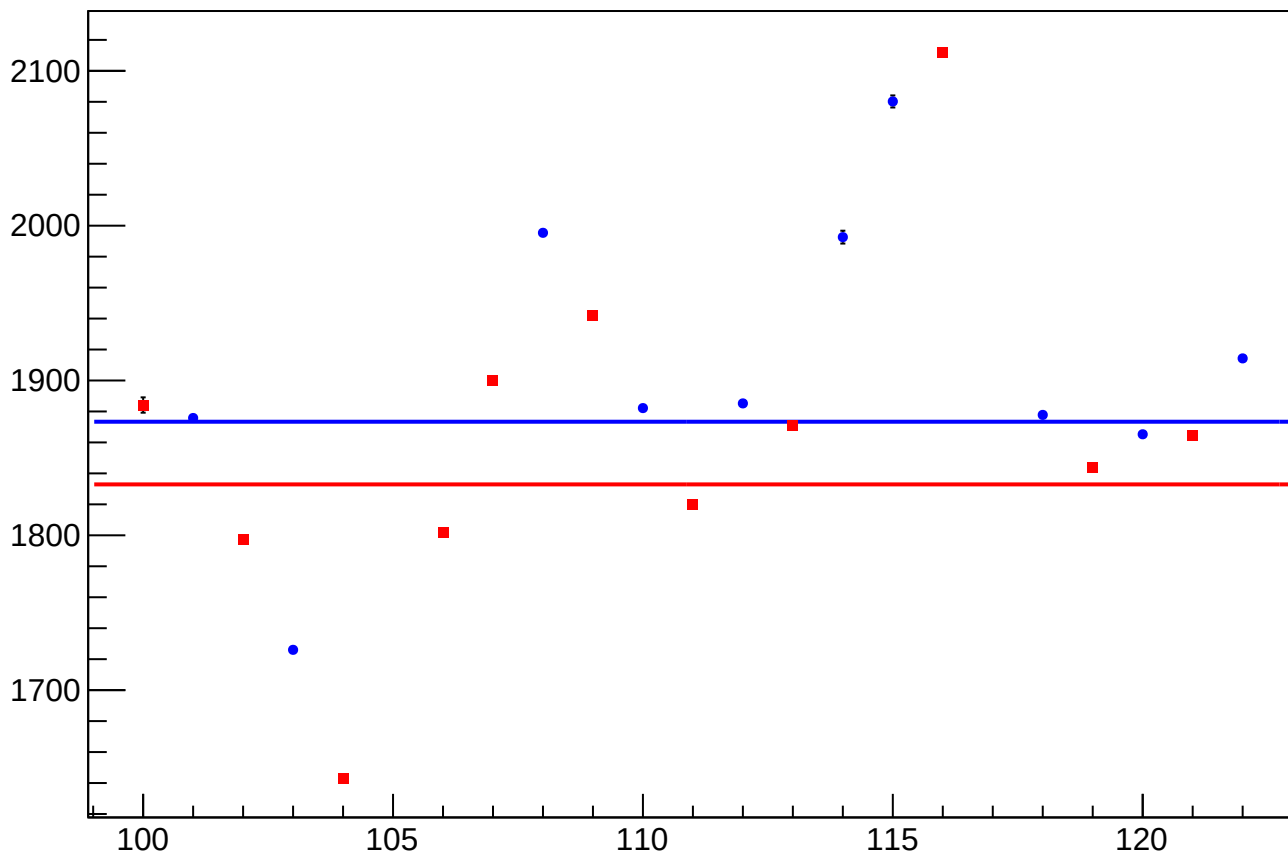
Right: 19.436+/-0.630 χ^2/NDF : 1240.3/20

In: 25.072+/-0.927 χ^2/NDF : 735.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.436+/-0.630 χ^2/NDF : 1240.3/20

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: 1832.888+/-0.608 χ^2/NDF : 28471.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

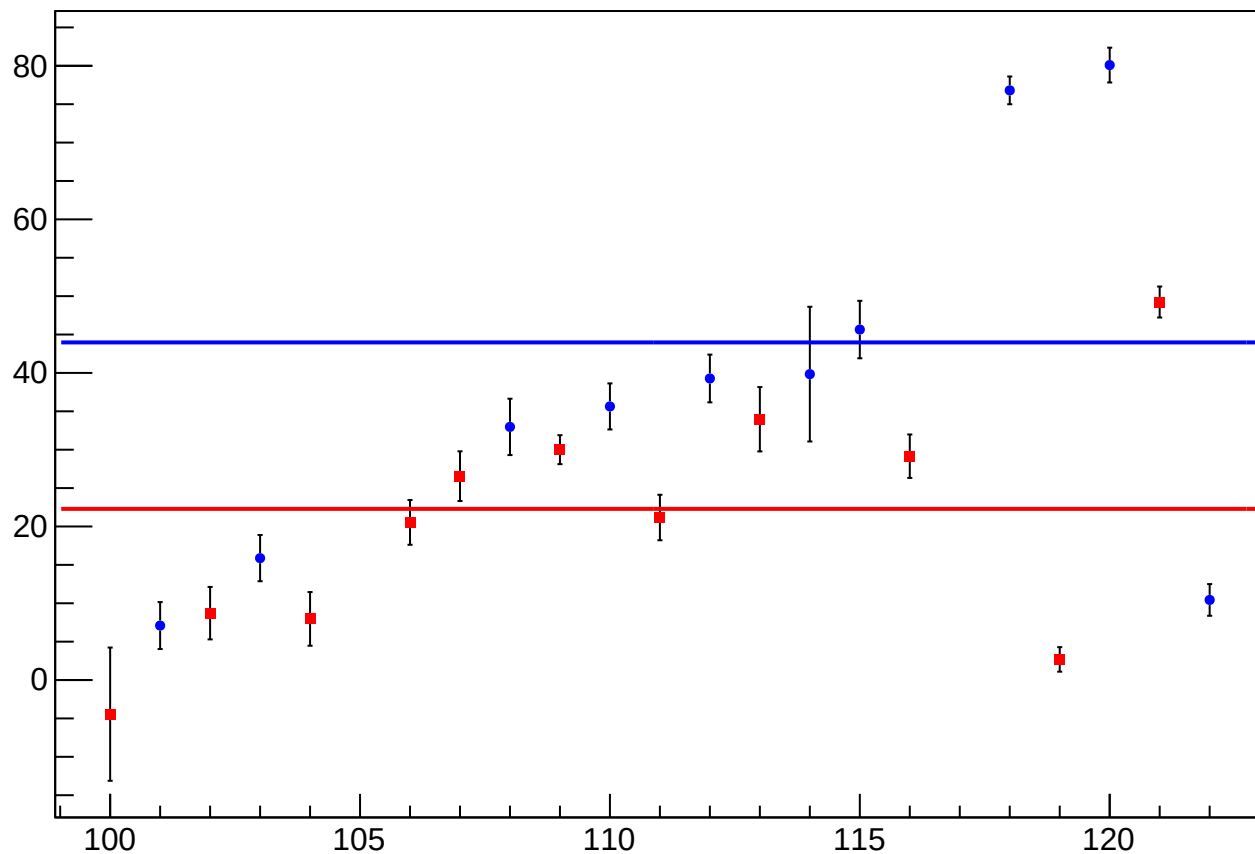
Right: 1851.593+/-0.446 χ^2/NDF : 46381.5/20

In: 1873.371+/-0.656 χ^2/NDF : 15859.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1851.593+/-0.446 χ^2/NDF : 46381.5/20

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: 22.293+/-0.789 χ^2/NDF : 403.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

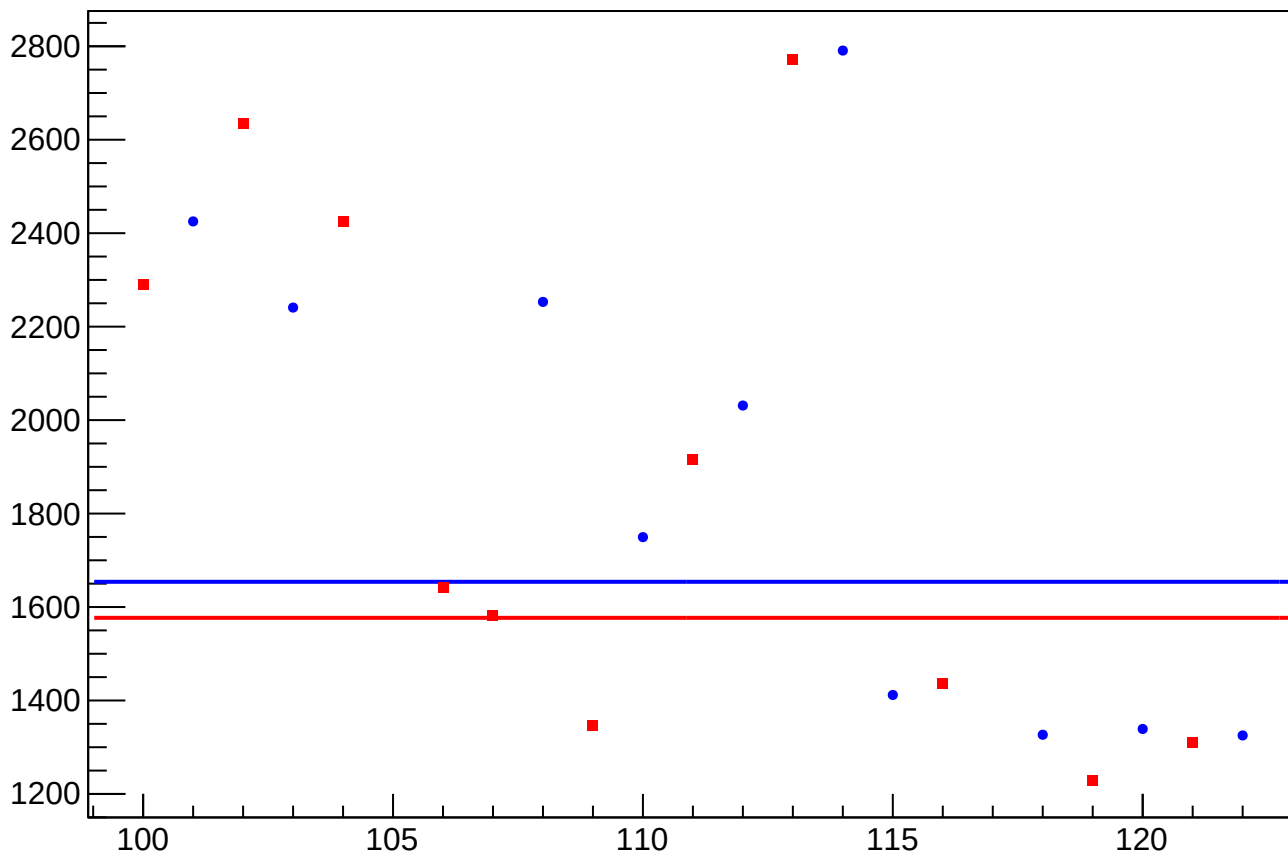
Right: 32.090+/-0.584 χ^2/NDF : 1845.1/20

In: 43.973+/-0.868 χ^2/NDF : 1099.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.090+/-0.584 χ^2/NDF : 1845.1/20

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: 1576.885+/-0.558 χ^2/NDF : 677478.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

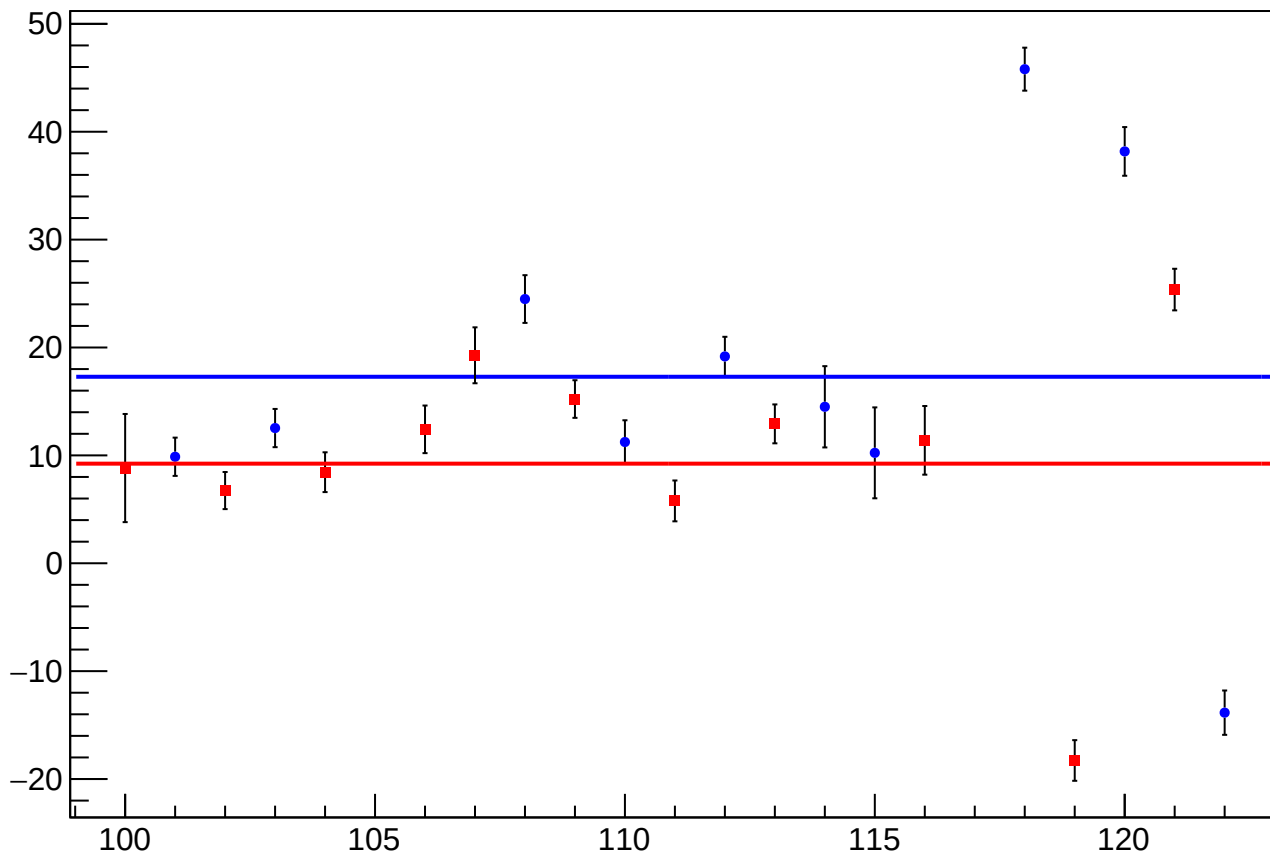
Right: 1611.727+/-0.413 χ^2/NDF : 1170904.7/20

In: 1653.988+/-0.614 χ^2/NDF : 484784.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.727+/-0.413 χ^2/NDF : 1170904.7/20

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: 9.233+/-0.621 χ^2/NDF : 322.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

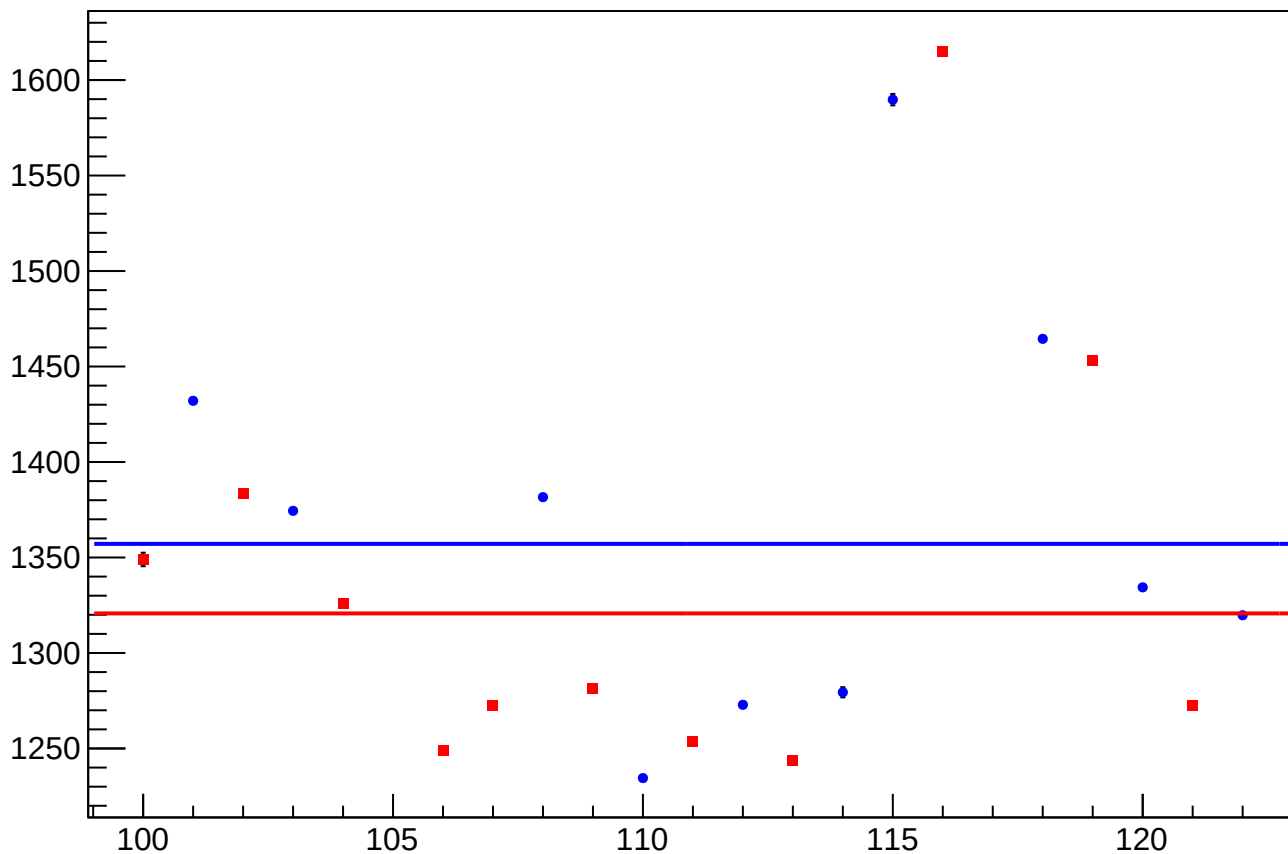
Right: 12.932+/-0.457 χ^2/NDF : 968.5/20

In: 17.287+/-0.674 χ^2/NDF : 568.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.932+/-0.457 χ^2/NDF : 968.5/20

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: 1320.718+/-0.439 χ^2/NDF : 40945.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

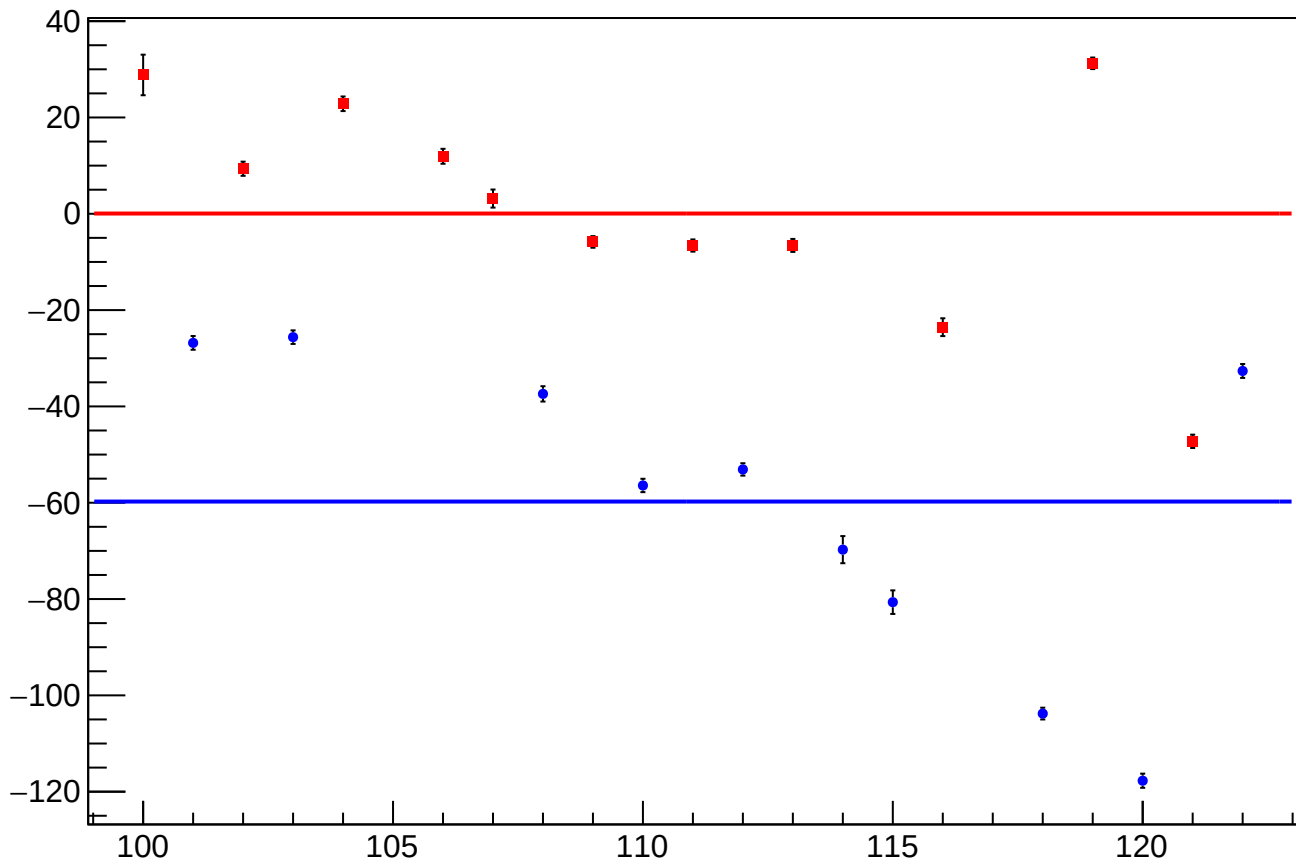
Right: 1337.440+/-0.323 χ^2/NDF : 73423.8/20

In: 1357.129+/-0.477 χ^2/NDF : 29322.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1337.440+/-0.323 χ^2/NDF : 73423.8/20

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: 0.055+/-0.446 χ^2/NDF : 2459.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

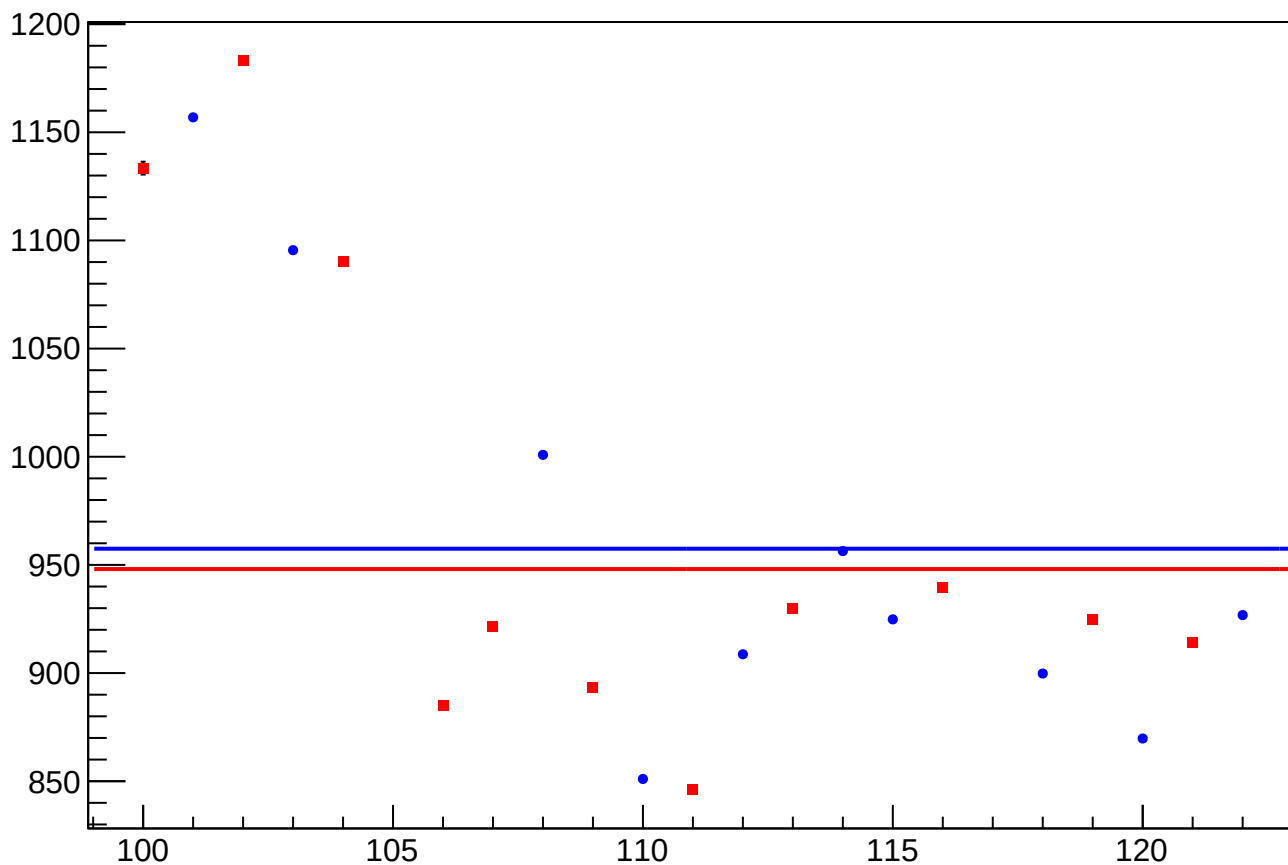
Right: -27.919+/-0.325 χ^2/NDF : 15506.4/20

In: -59.755+/-0.476 χ^2/NDF :4636.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -27.919+/-0.325 χ^2/NDF : 15506.4/20

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: 948.087+/-0.315 χ^2/NDF : 95838.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

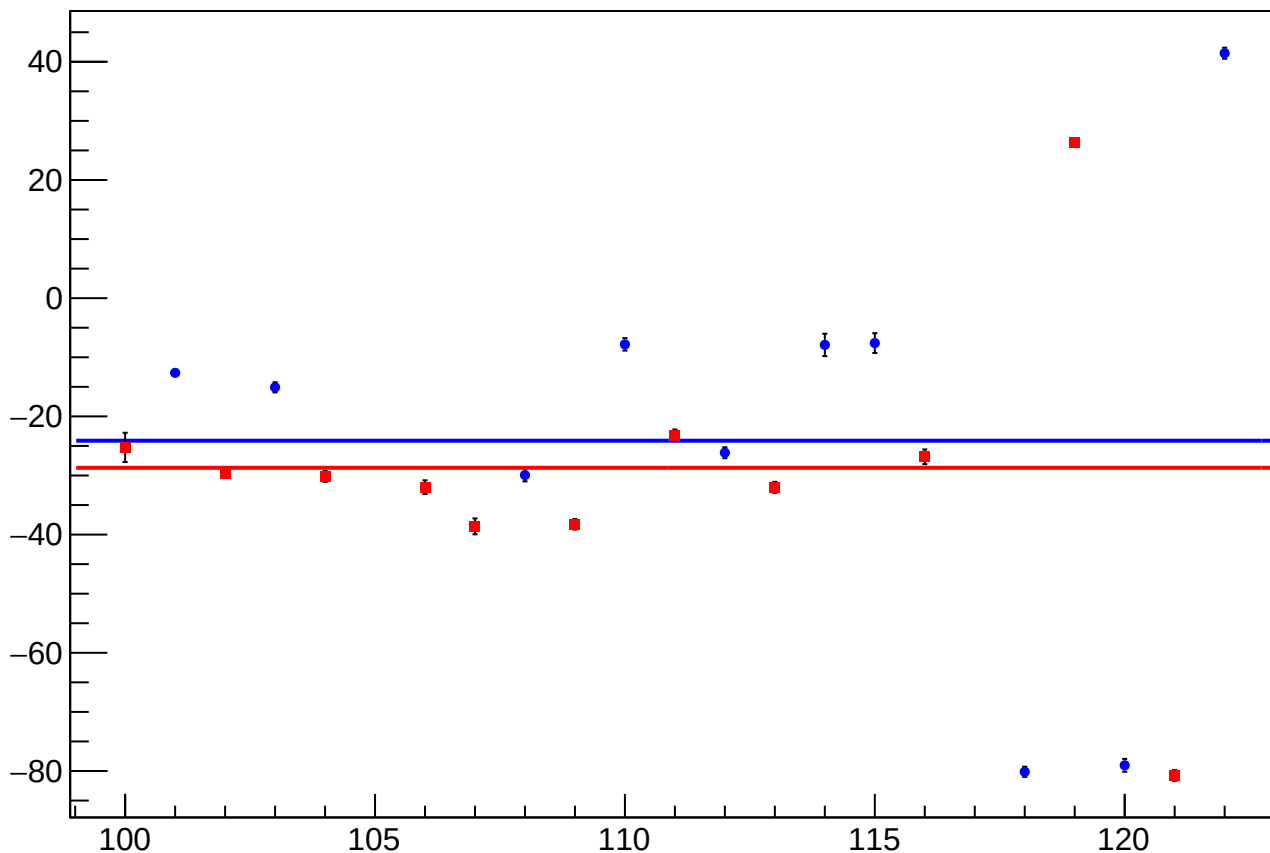
Right: 952.484+/-0.230 χ^2/NDF : 183392.4/20

In: 957.487+/-0.336 χ^2/NDF : 87138.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 952.484+/-0.230 χ^2/NDF : 183392.4/20

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: -28.697+/-0.302 χ^2/NDF : 8179.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

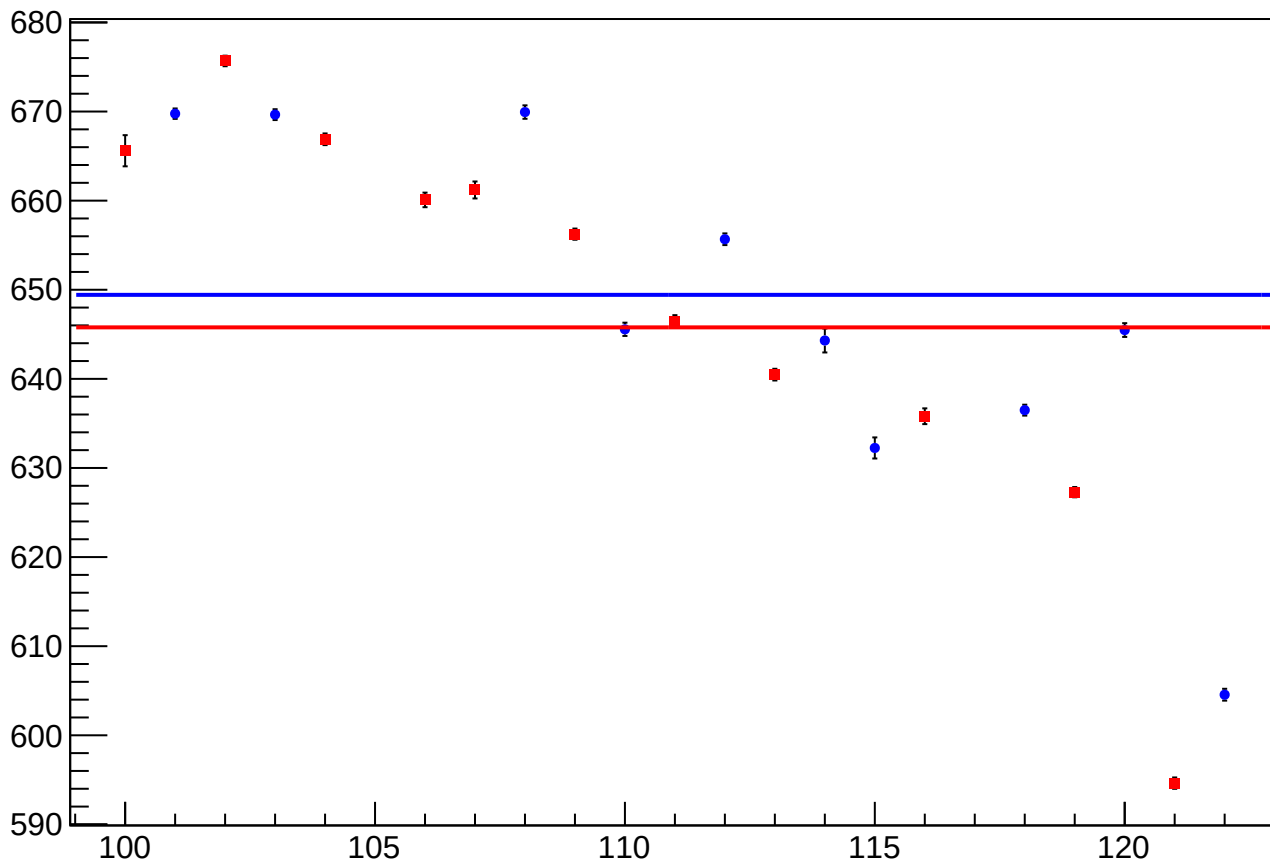
Right: -26.543+/-0.220 χ^2/NDF : 20624.0/20

In: -24.114+/-0.321 χ^2/NDF : 12336.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.543+/-0.220 χ^2/NDF : 20624.0/20

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: 645.779+/-0.214 χ^2/NDF : 12249.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

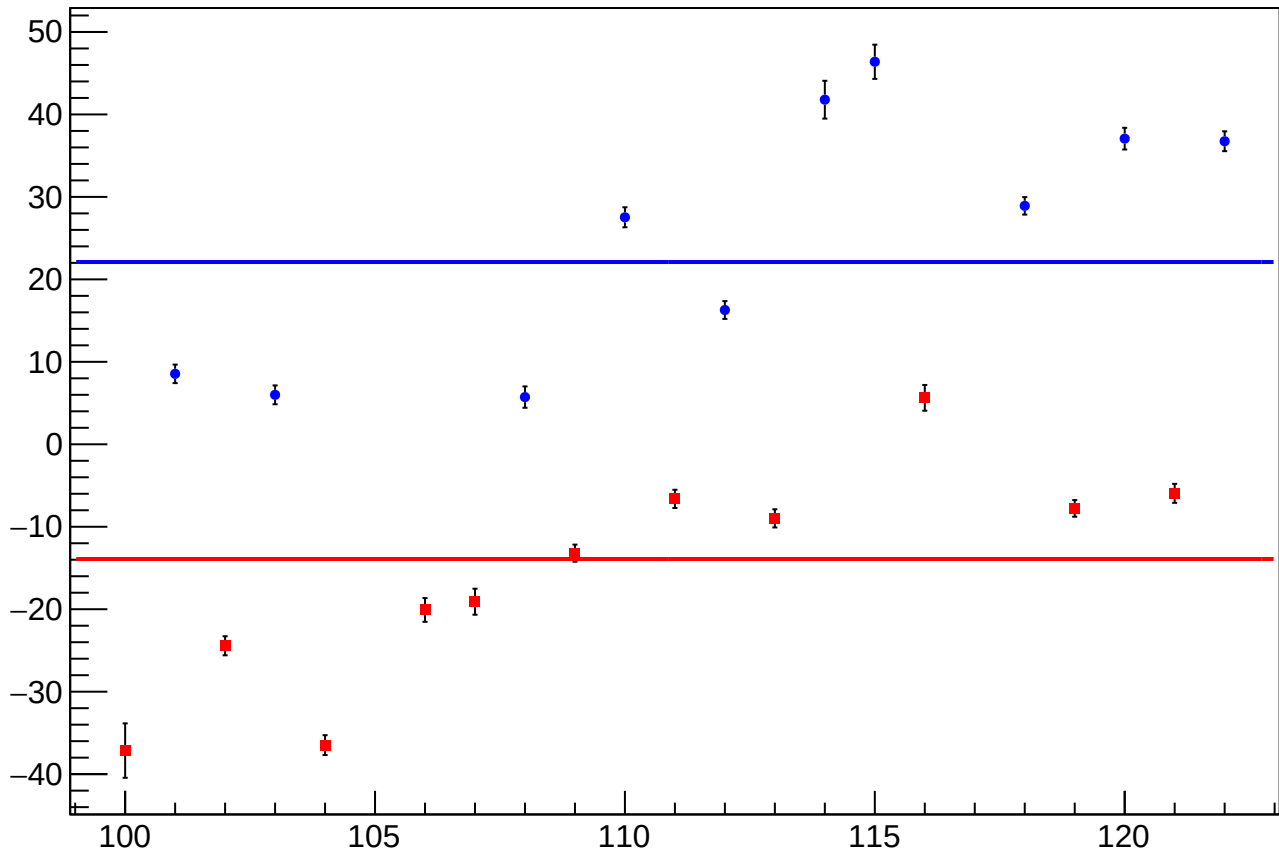
Right: 647.494+/-0.156 χ^2/NDF : 20819.1/20

In: 649.428+/-0.227 χ^2/NDF :8432.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 647.494+/-0.156 χ^2/NDF : 20819.1/20

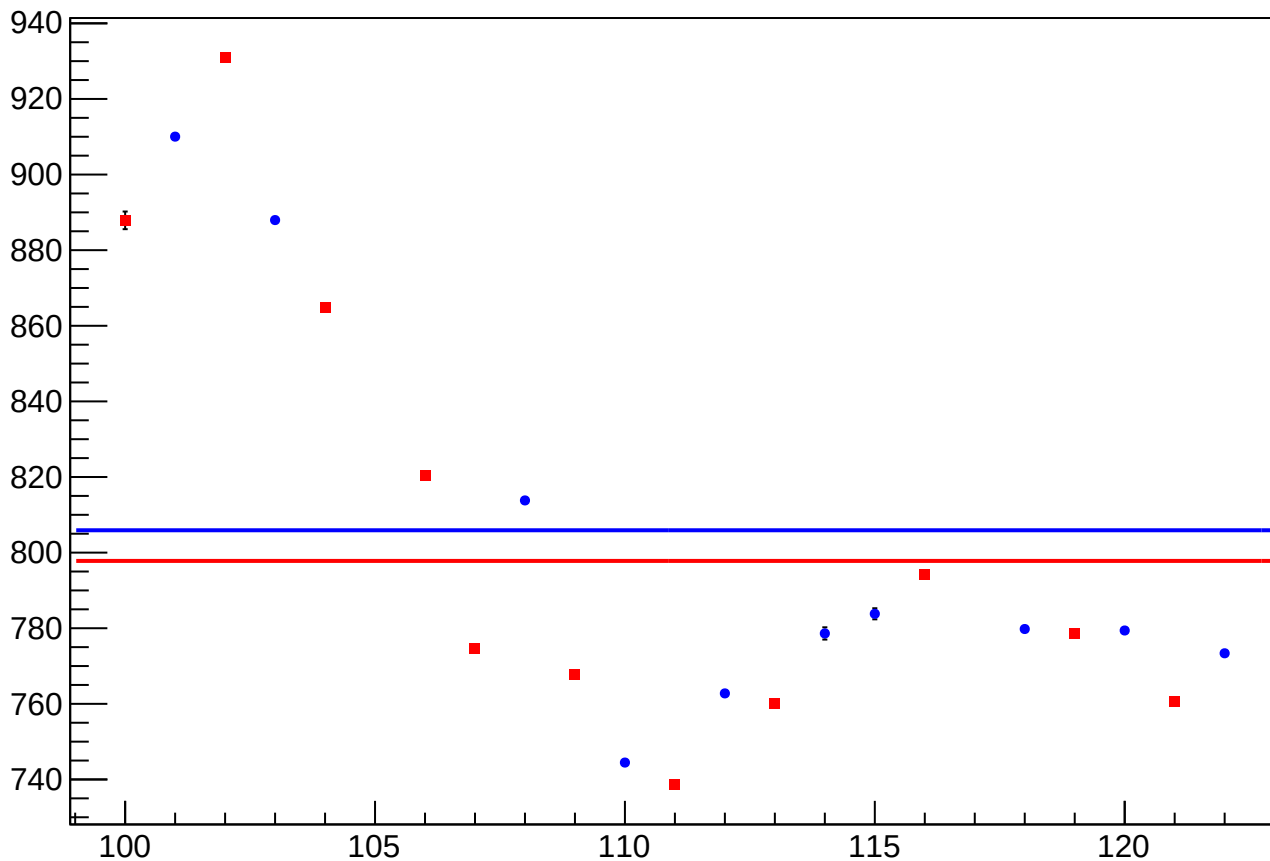
diff_bpm1i04X_mean vs Slug, Sign Corrected



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: -13.908+/-0.374 χ^2/NDF : 820.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.938+/-0.273 χ^2/NDF : 6234.1/20
 In: 22.104+/-0.399 χ^2/NDF : 1083.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.938+/-0.273 χ^2/NDF : 6234.1/20

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: 797.806 $\pm$ 0.265 χ^2 /NDF: 47765.8/10

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

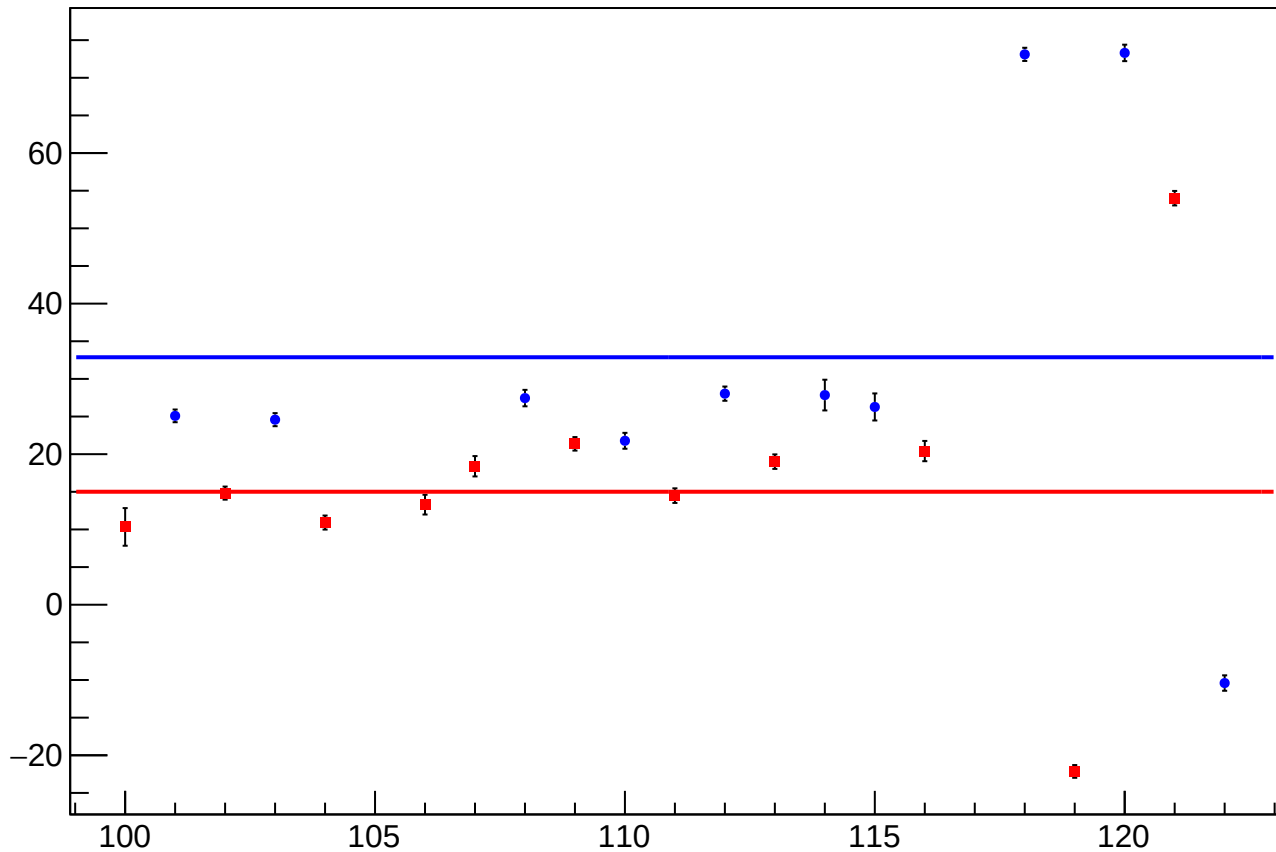
Right: 801.598 $\pm$ 0.193 χ^2 /NDF: 88123.0/20

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: 801.598 $\pm$ 0.193 χ^2 /NDF: 88123.0/20

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: 15.010+/-0.314 χ^2/NDF : 3677.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

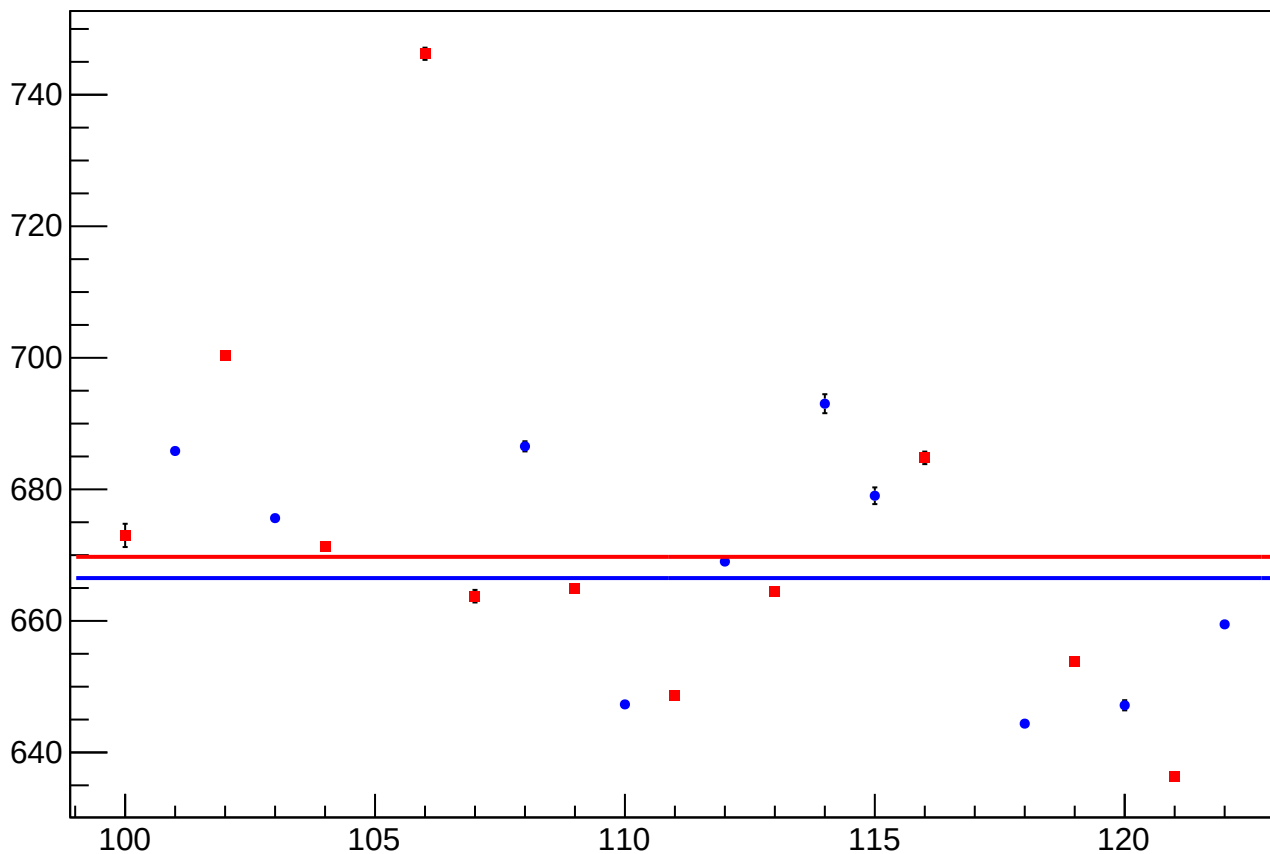
Right: 23.505+/-0.227 χ^2/NDF : 10832.6/20

In: 32.875+/-0.329 χ^2/NDF : 5612.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.505+/-0.227 χ^2/NDF : 10832.6/20

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: 669.739 $\pm$ 0.222 χ^2 /NDF: 13749.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

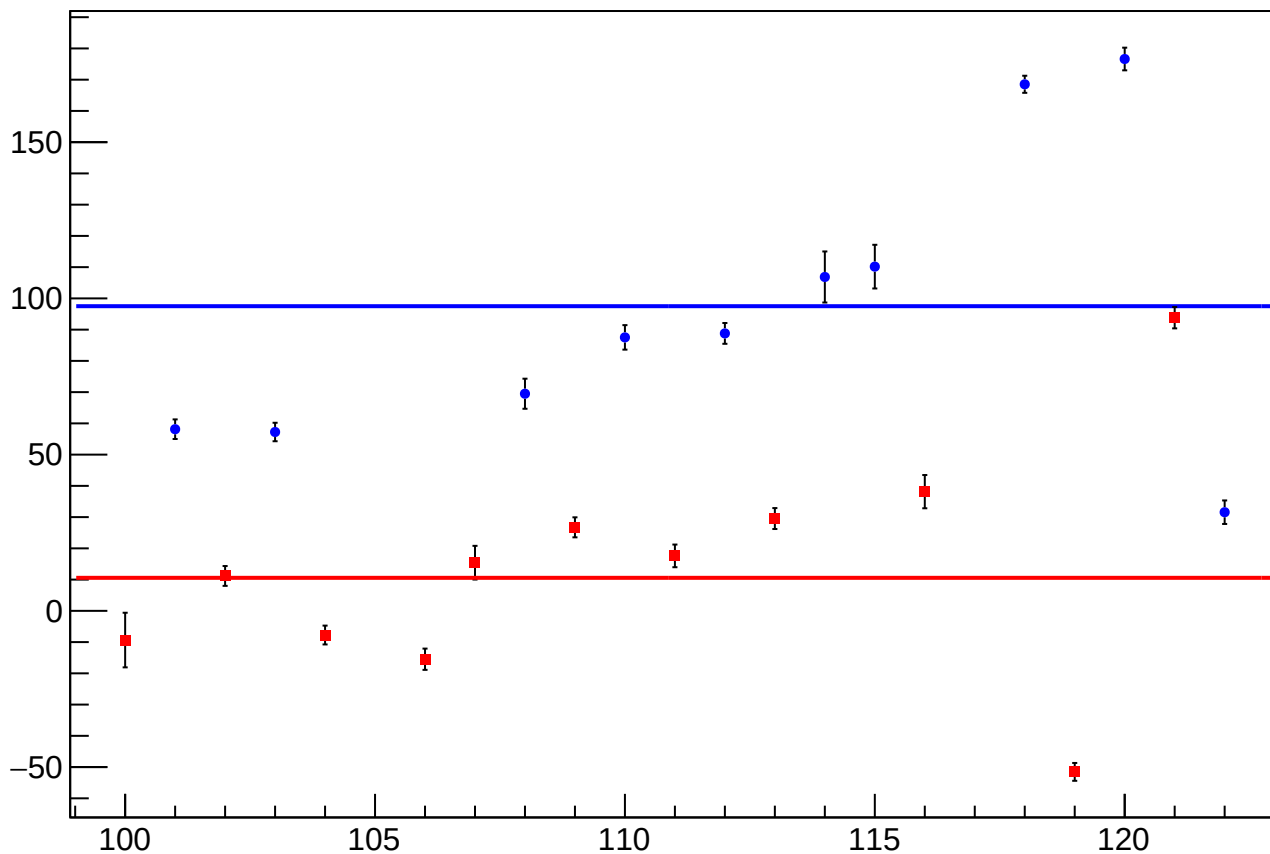
Right: 668.205 $\pm$ 0.161 χ^2 /NDF: 18892.6/20

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: 668.205 $\pm$ 0.161 χ^2 /NDF: 18892.6/20

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: 10.570+/-1.085 χ^2 /NDF: 1259.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

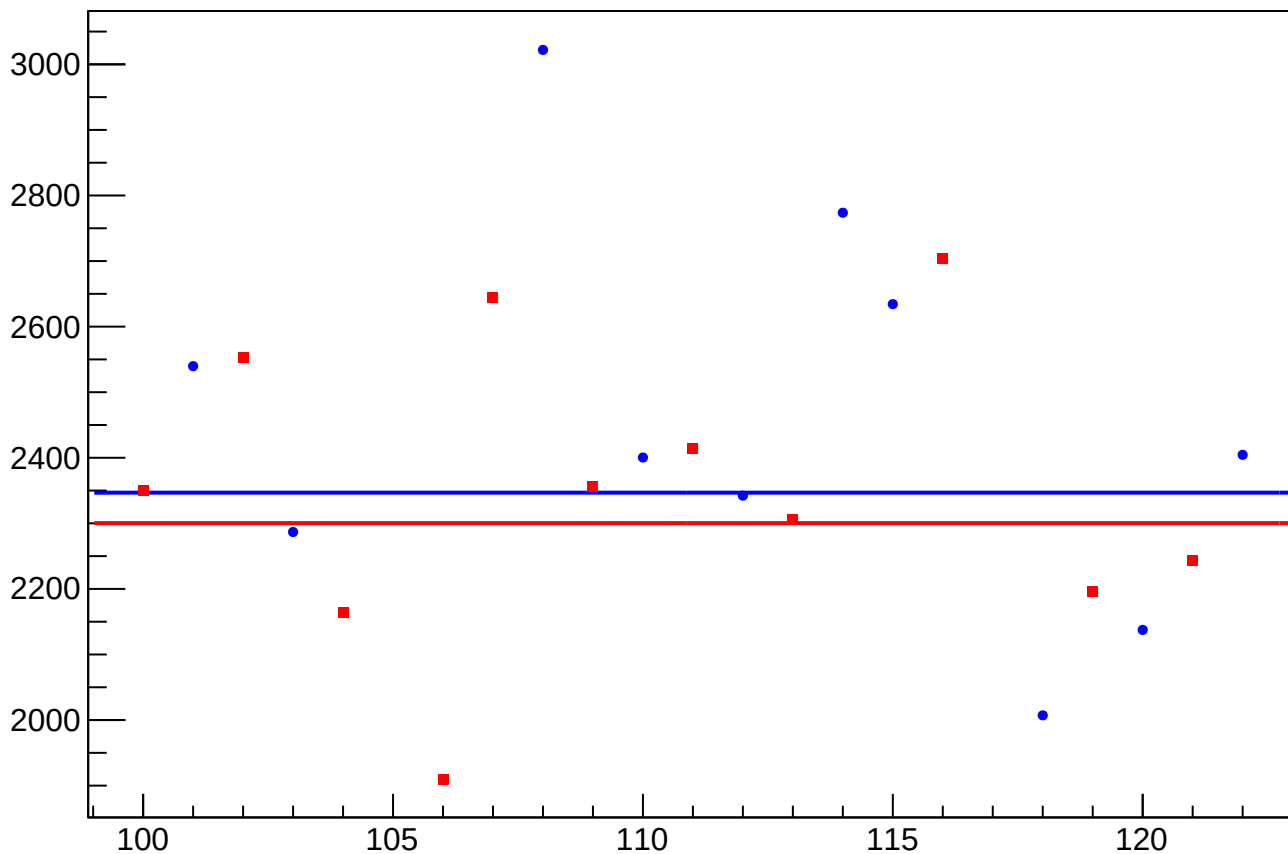
Right: 50.750+/-0.795 χ^2 /NDF: 6080.3/20

In: 97.506+/-1.170 χ^2 /NDF:1852.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 50.750+/-0.795 χ^2 /NDF: 6080.3/20

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: 2300.359 $\pm$ 0.767 χ^2 /NDF: 68791.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

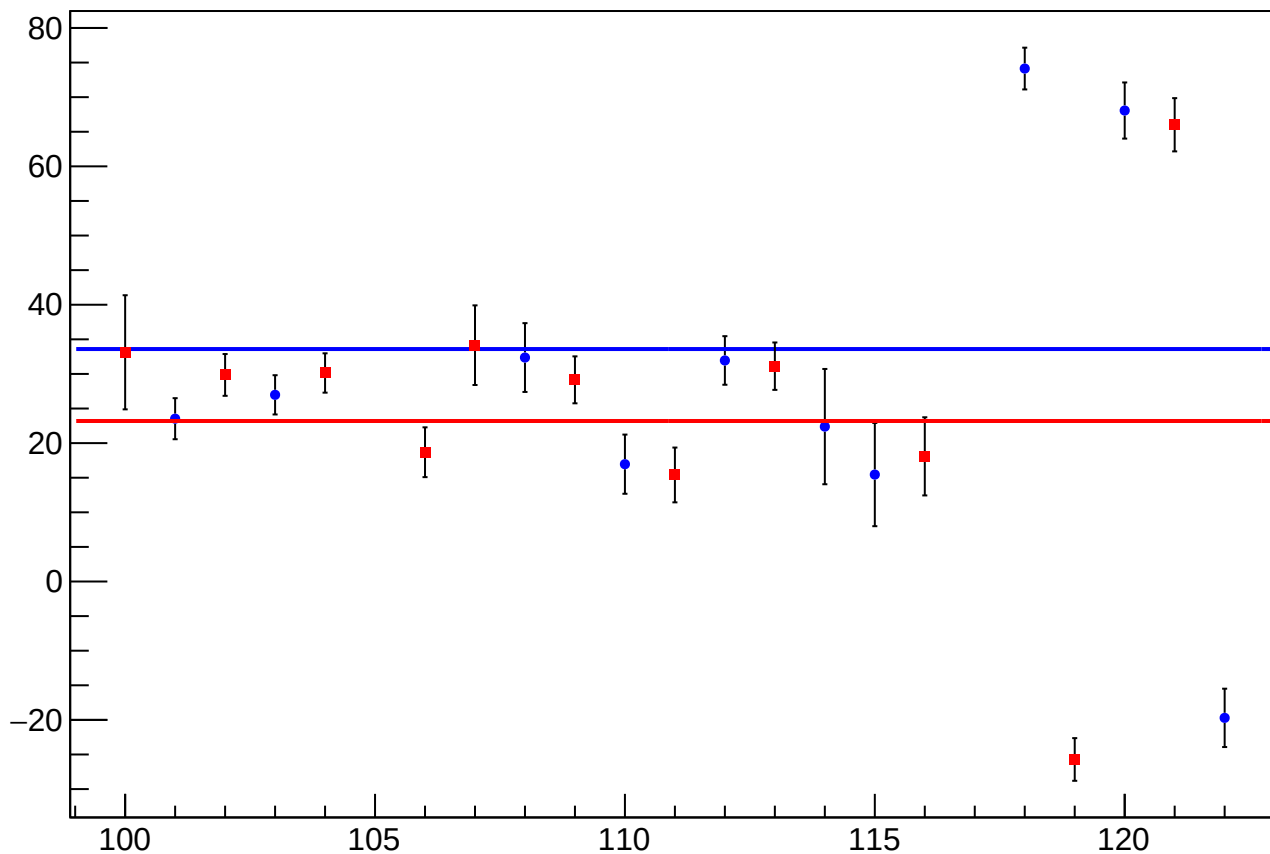
Right: 2321.812 $\pm$ 0.562 χ^2 /NDF: 165446.7/20

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: 2321.812 $\pm$ 0.562 χ^2 /NDF: 165446.7/20

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: 23.198+/-1.121 χ^2/NDF : 406.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

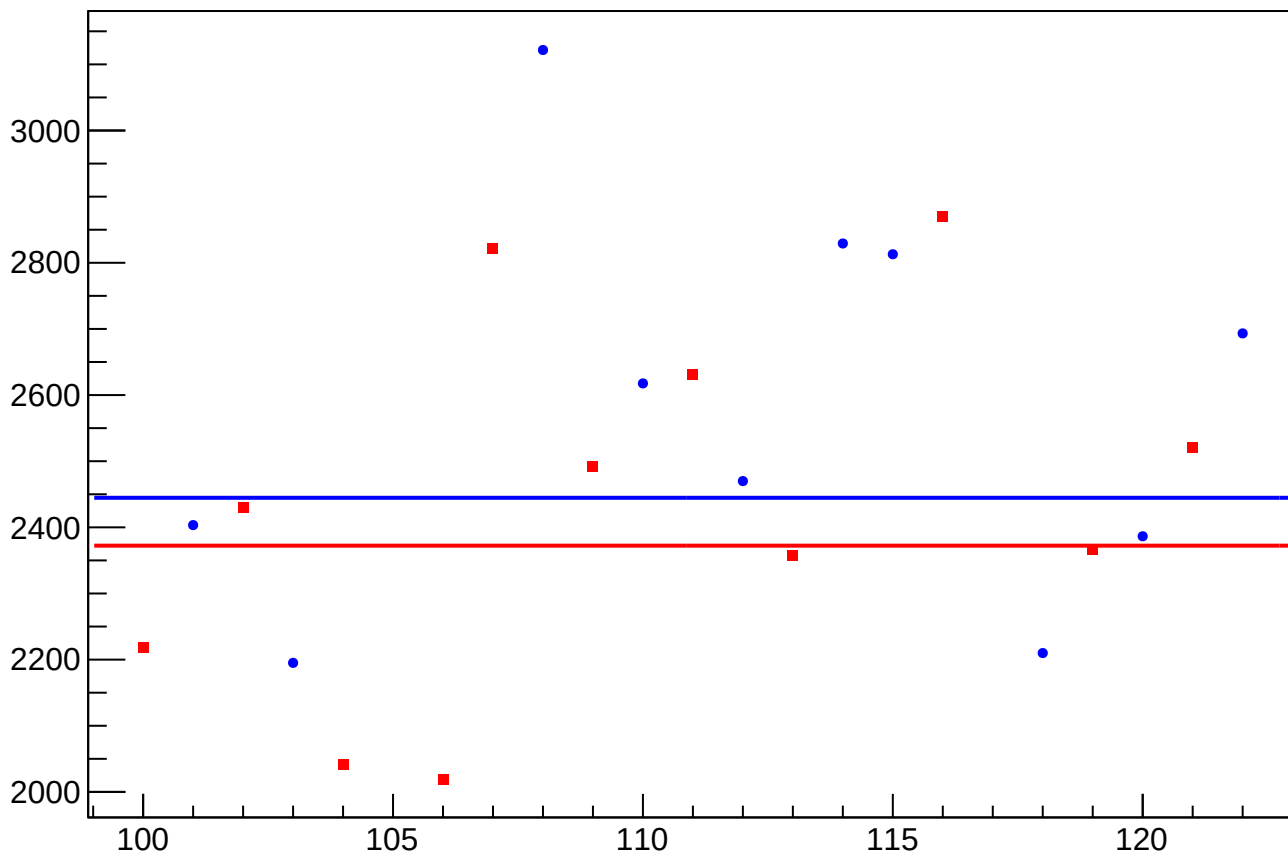
Right: 27.965+/-0.825 χ^2/NDF : 897.9/20

In: 33.597+/-1.219 χ^2/NDF : 452.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.965+/-0.825 χ^2/NDF : 897.9/20

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: 2372.316 $\pm$ 0.793 χ^2 /NDF: 89703.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

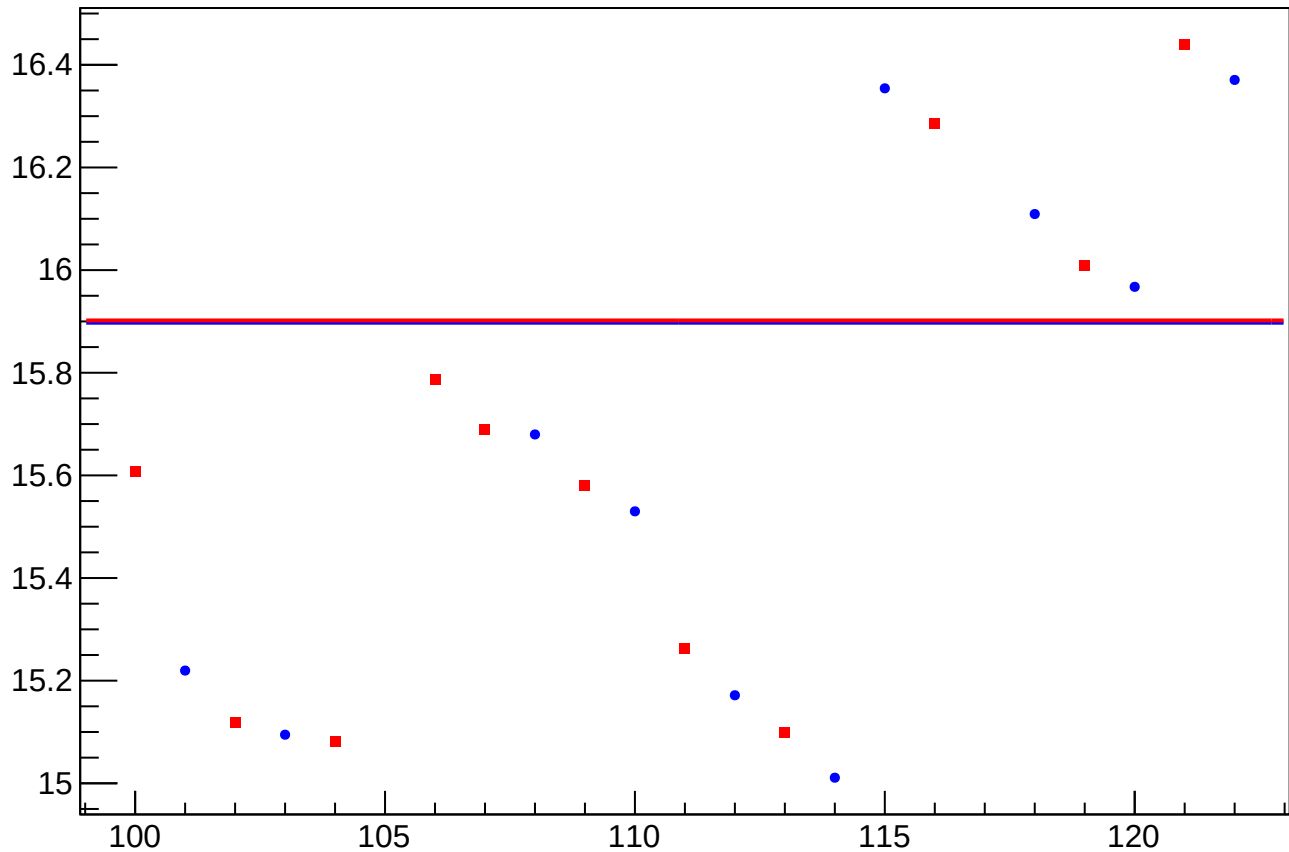
Right: 2405.493 $\pm$ 0.583 χ^2 /NDF: 178452.9/20

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: 2405.493 $\pm$ 0.583 χ^2 /NDF: 178452.9/20

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: 15.902+/-0.000 χ^2/NDF : 2535484524.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

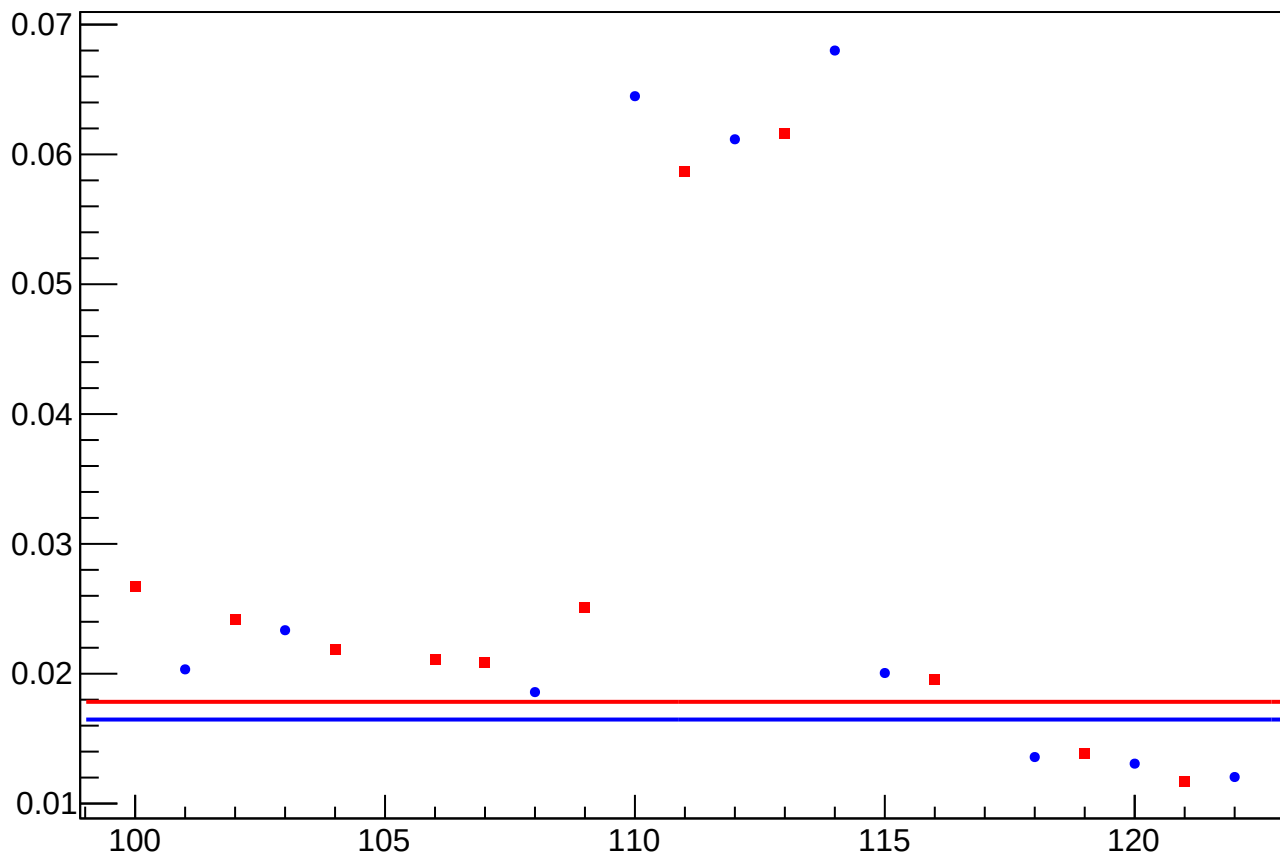
Right: 15.900+/-0.000 χ^2/NDF : 4787255323.6/20

In: 15.898+/-0.000 χ^2/NDF : 2251667847.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.900+/-0.000 χ^2/NDF : 4787255323.6/20

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: 0.018+/-0.000 χ^2/NDF : 1390972.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

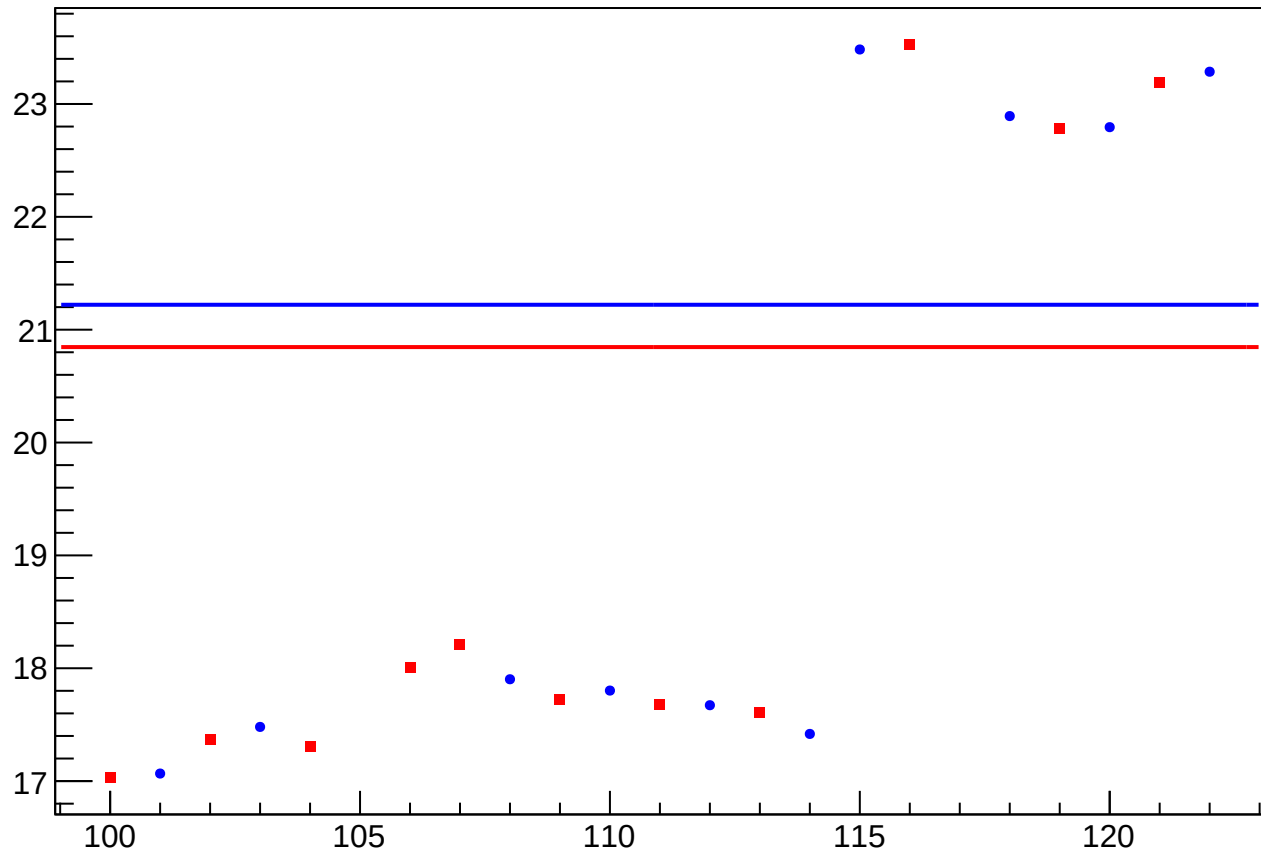
Right: 0.017+/-0.000 χ^2/NDF : 2752576.8/20

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 : 2752576.8/20

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: 20.846+/-0.000 χ^2/NDF : 782407940.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

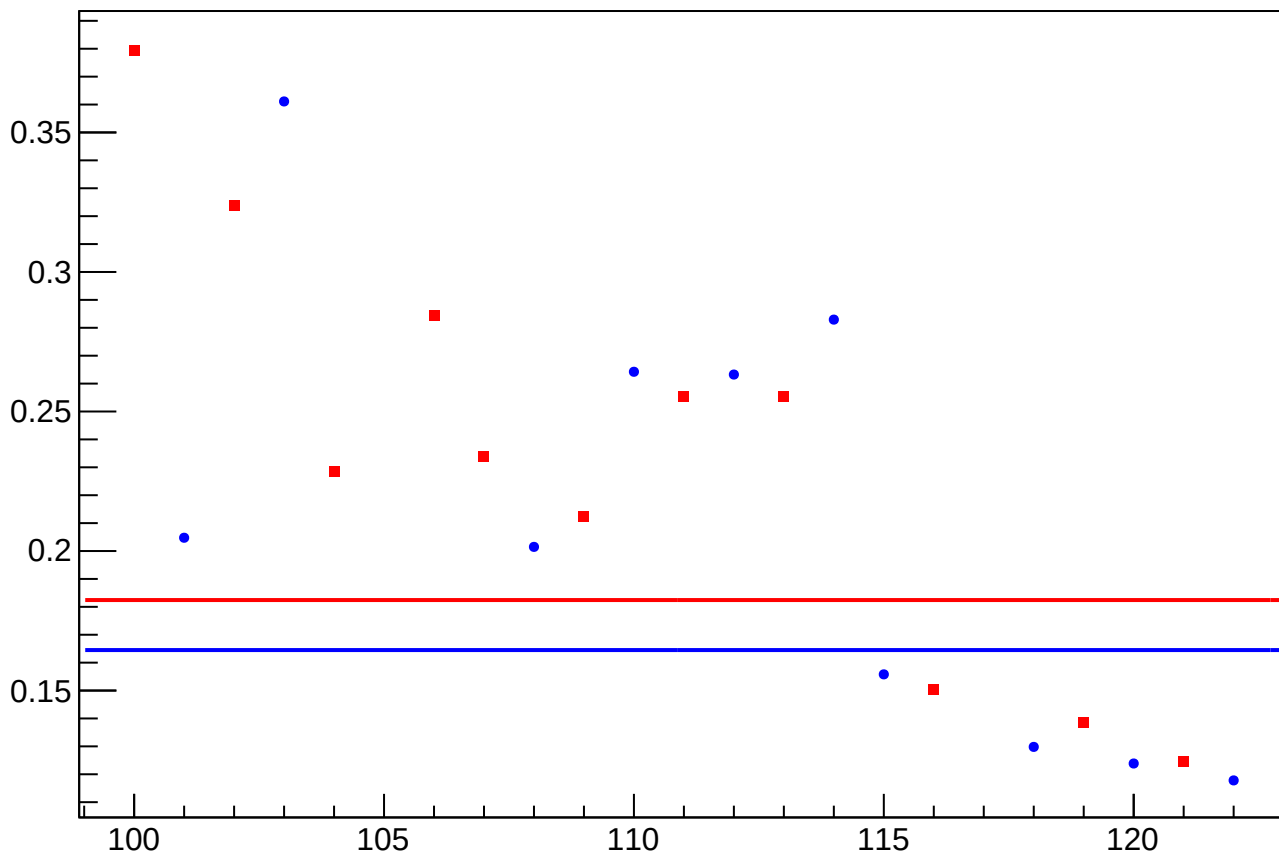
Right: 21.041+/-0.000 χ^2/NDF : 1592443540.6/20

In: 21.221+/-0.000 χ^2/NDF :802122507.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.041+/-0.000 χ^2/NDF : 1592443540.6/20

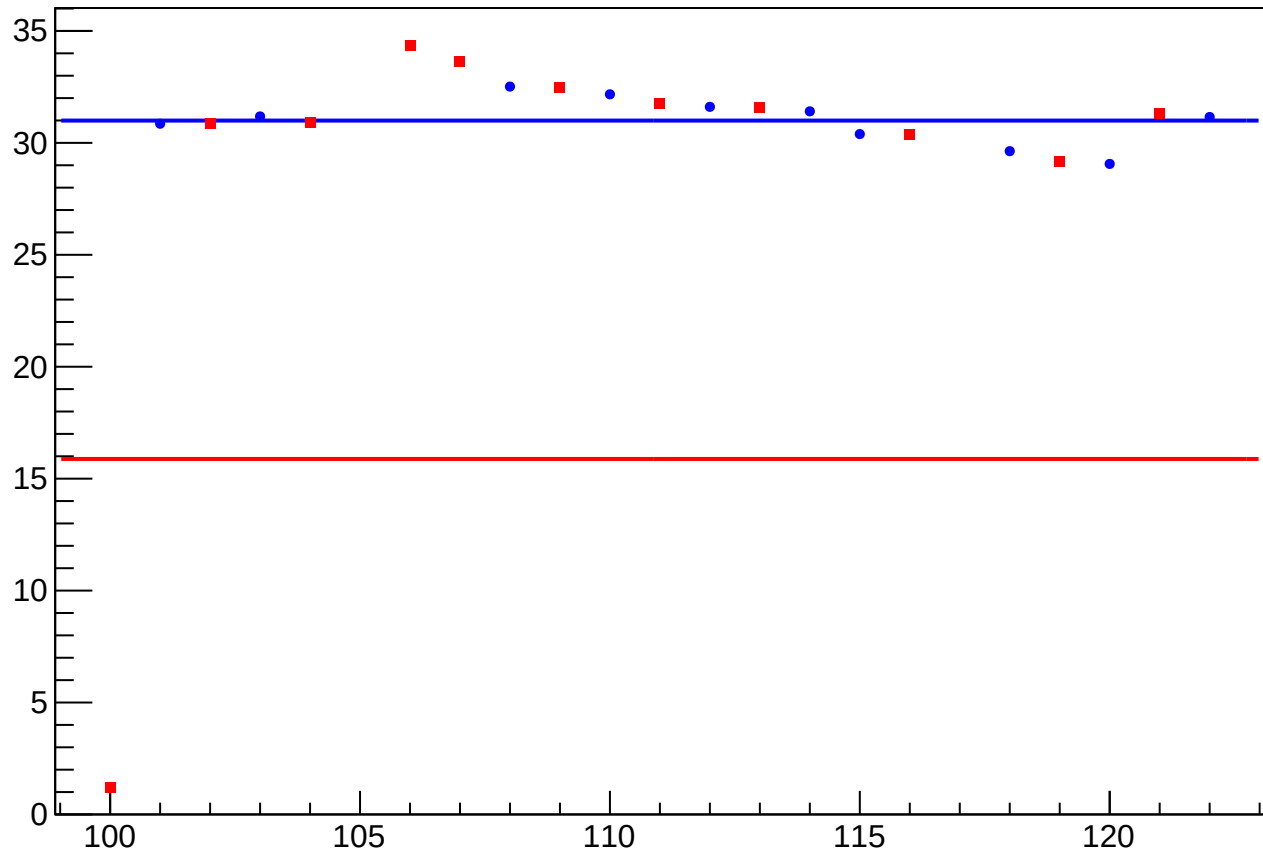
yield_sam2_rms vs Slug, Sign Corrected



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: 0.182+/-0.000 χ^2/NDF : 836527.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.173+/-0.000 χ^2/NDF : 1794968.9/20
 In: 0.165+/-0.000 χ^2/NDF : 922277.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.173+/-0.000 χ^2/NDF : 1794968.9/20

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.996+/-0.000 χ^2/NDF : 347181939.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.881+/-0.000 χ^2/NDF : 173196288090.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

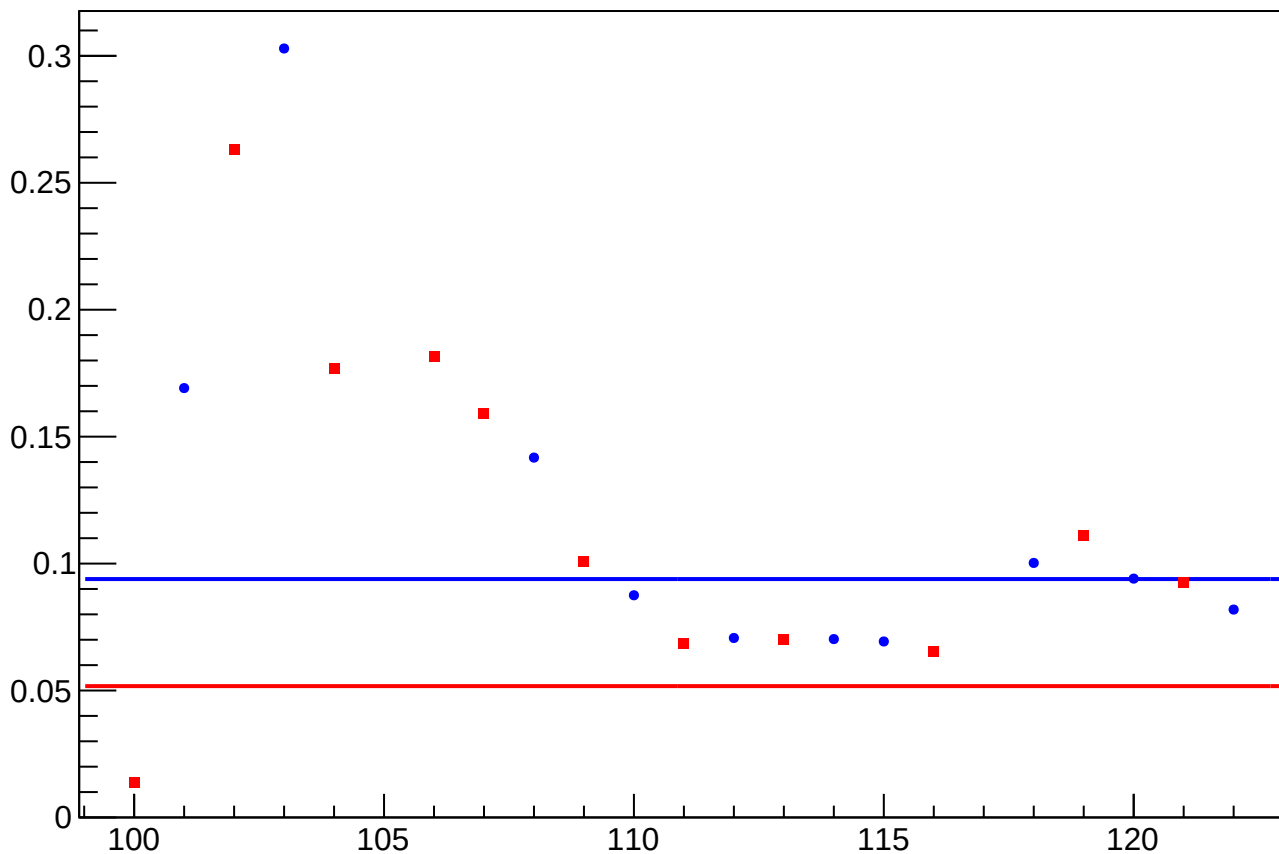
Right: 20.501+/-0.000 χ^2/NDF : 226726282484.3/20

In: 30.996+/-0.000 χ^2/NDF :347181939.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.501+/-0.000 χ^2/NDF : 226726282484.3/20

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: 0.052+/-0.000 χ^2/NDF : 3436970.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

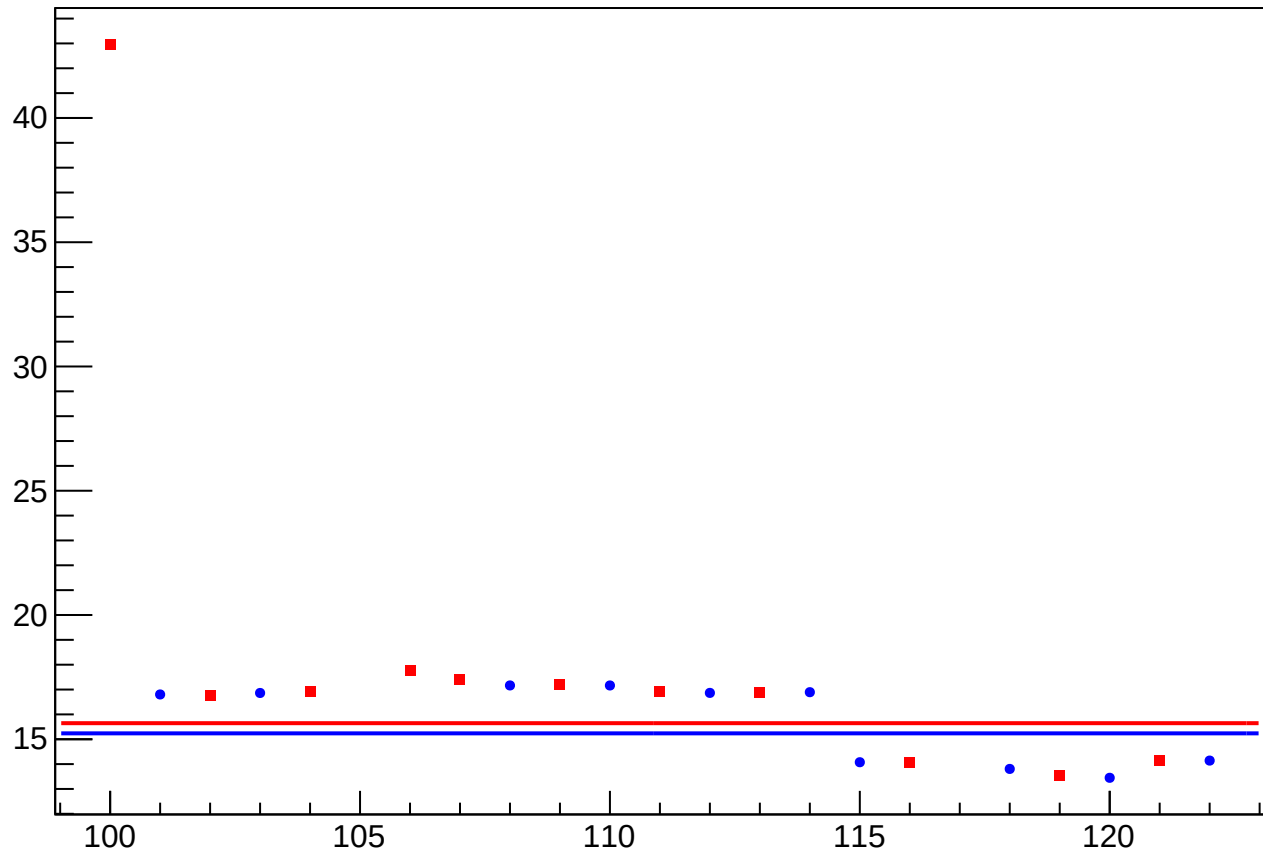
Right: 0.065+/-0.000 χ^2/NDF : 5265078.4/20

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 : 5265078.4/20

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: 15.647+/-0.000 χ^2/NDF : 1263358595.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

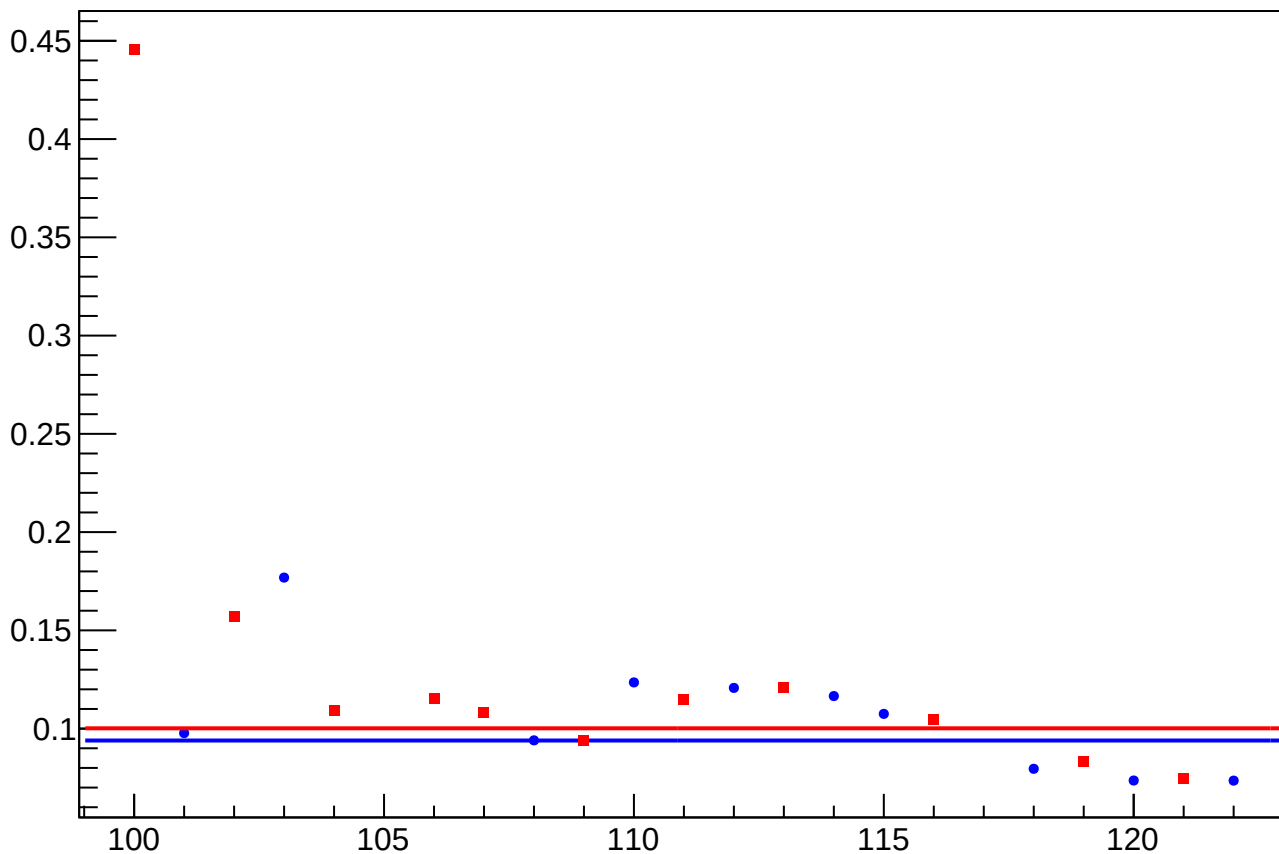
Right: 15.439+/-0.000 χ^2/NDF : 2234337826.1/20

In: 15.237+/-0.000 χ^2/NDF : 939267171.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.439+/-0.000 χ^2/NDF : 2234337826.1/20

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 : 434119.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

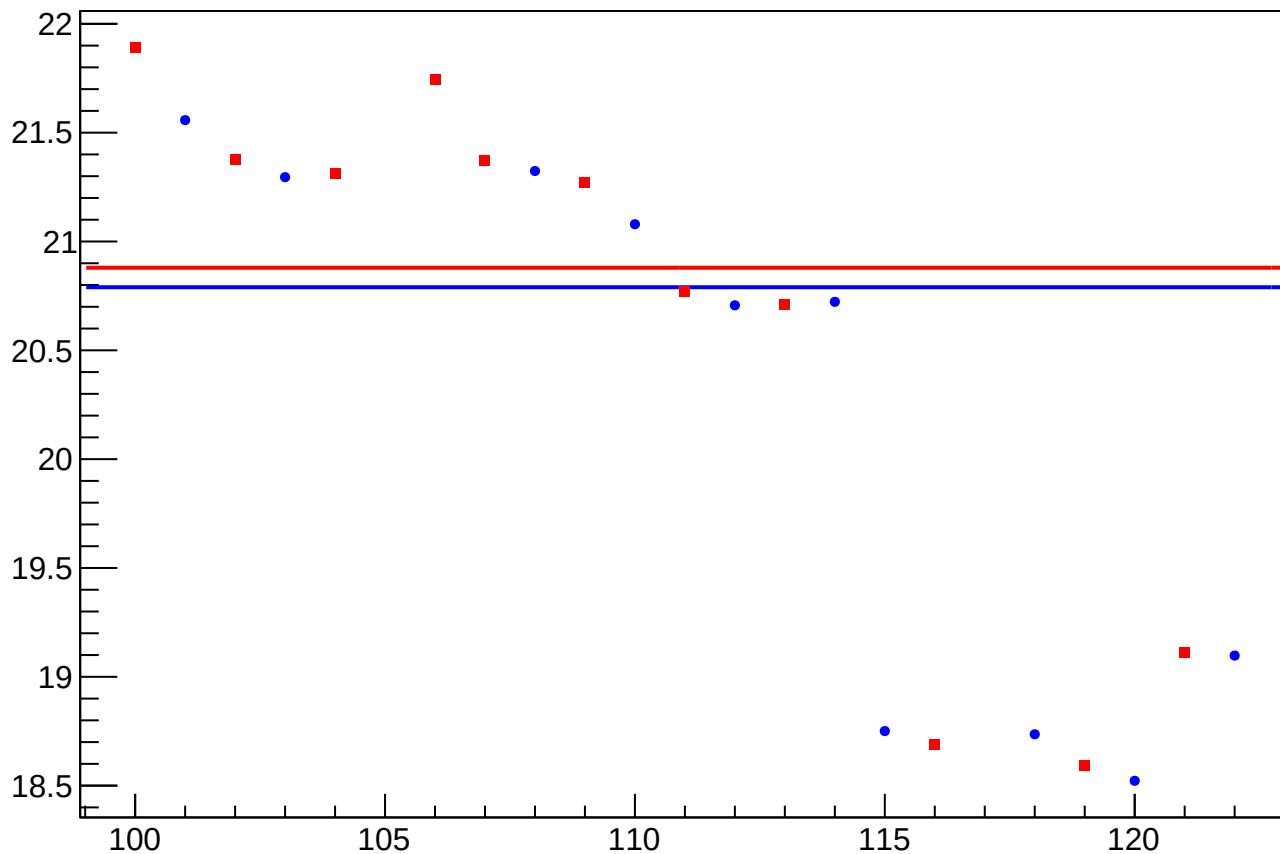
Right: 0.097+/-0.000 χ^2/NDF : 935263.0/20

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 : 935263.0/20

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: 20.879+/-0.000 χ^2/NDF : 4339013716.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

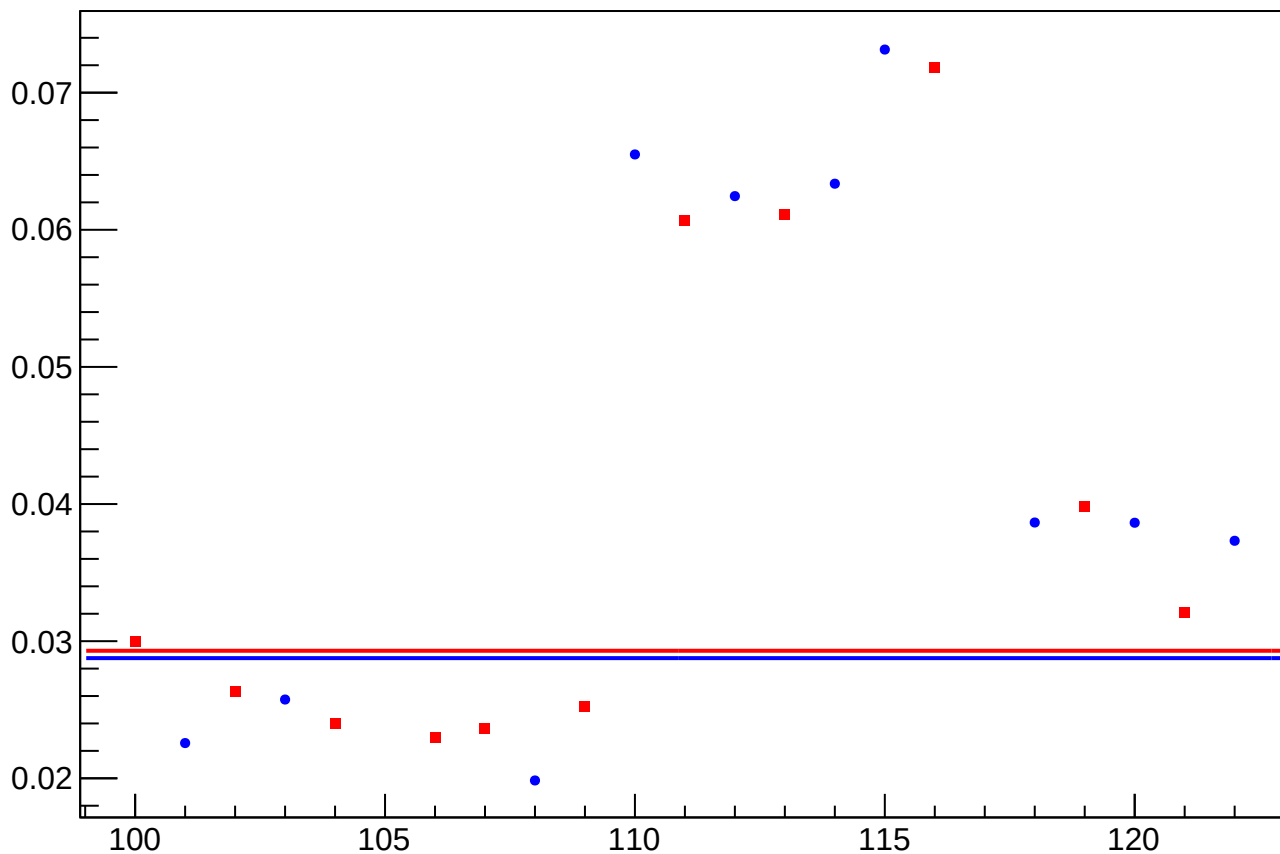
Right: 20.836+/-0.000 χ^2/NDF : 9035961466.4/20

In: 20.790+/-0.000 χ^2/NDF :4680582525.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.836+/-0.000 χ^2/NDF : 9035961466.4/20

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: 0.029+/-0.000 χ^2/NDF : 871604.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

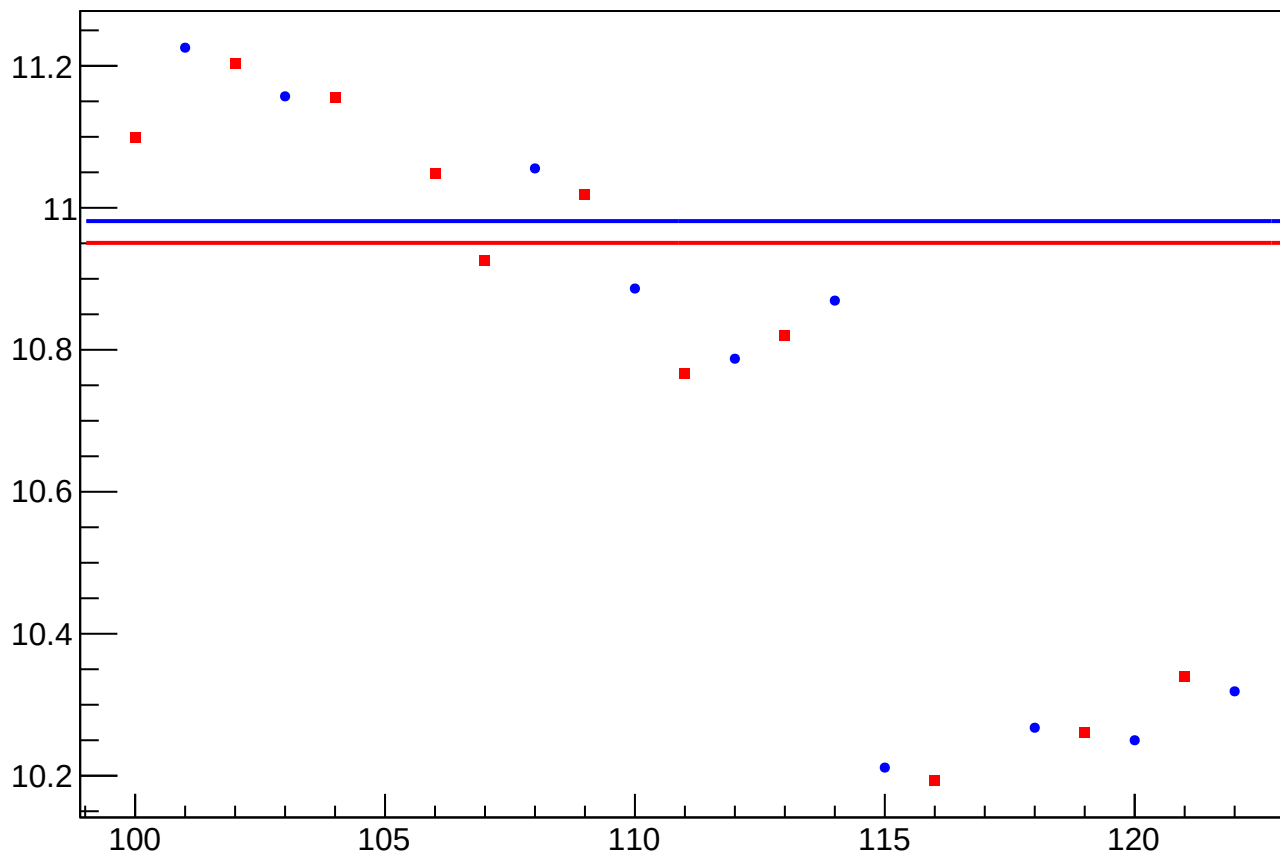
Right: 0.029+/-0.000 χ^2/NDF : 1905253.2/20

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 : 1905253.2/20

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: 10.951+/-0.000 χ^2/NDF : 1682129292.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

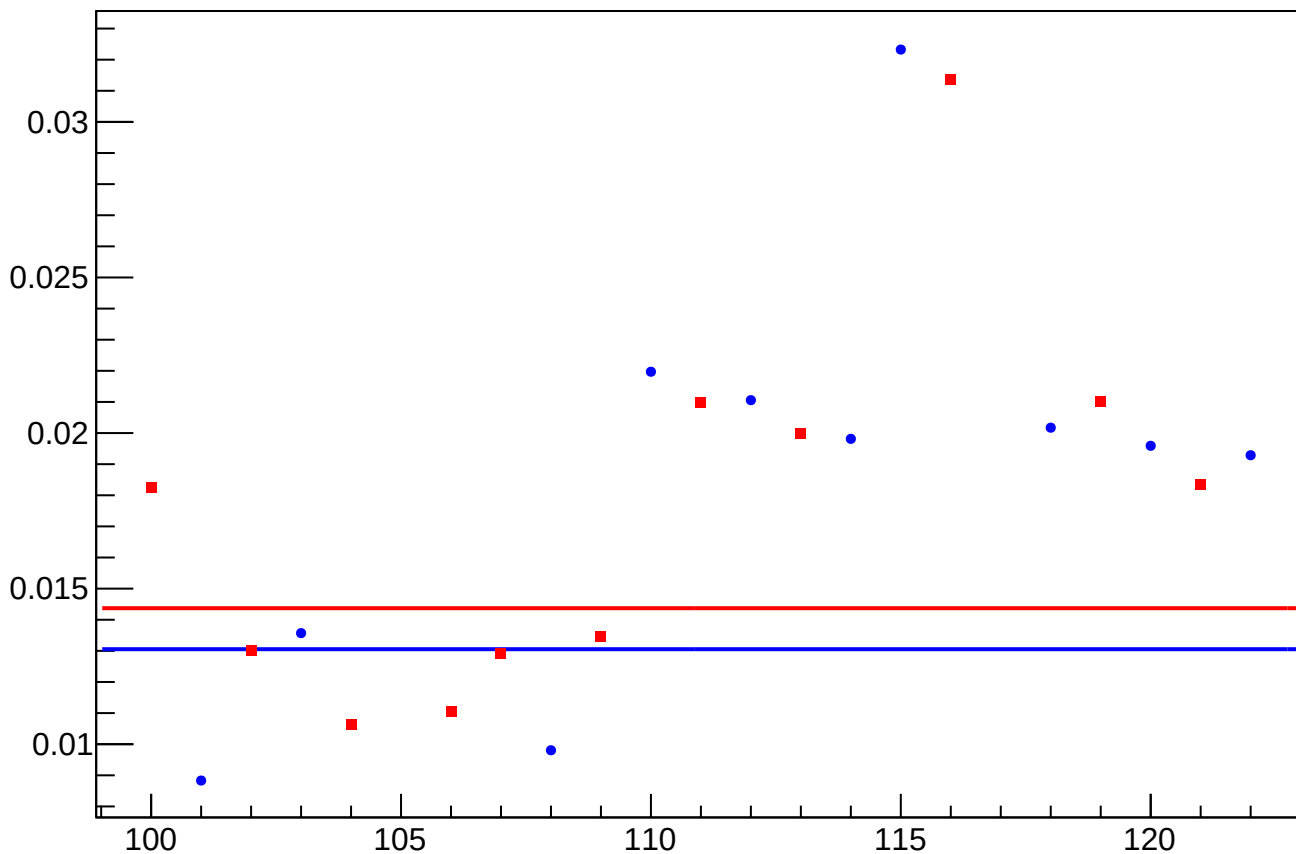
Right: 10.966+/-0.000 χ^2/NDF : 3881550444.2/20

In: 10.981+/-0.000 χ^2/NDF : 2190672901.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.966+/-0.000 χ^2/NDF : 3881550444.2/20

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 : 641323.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

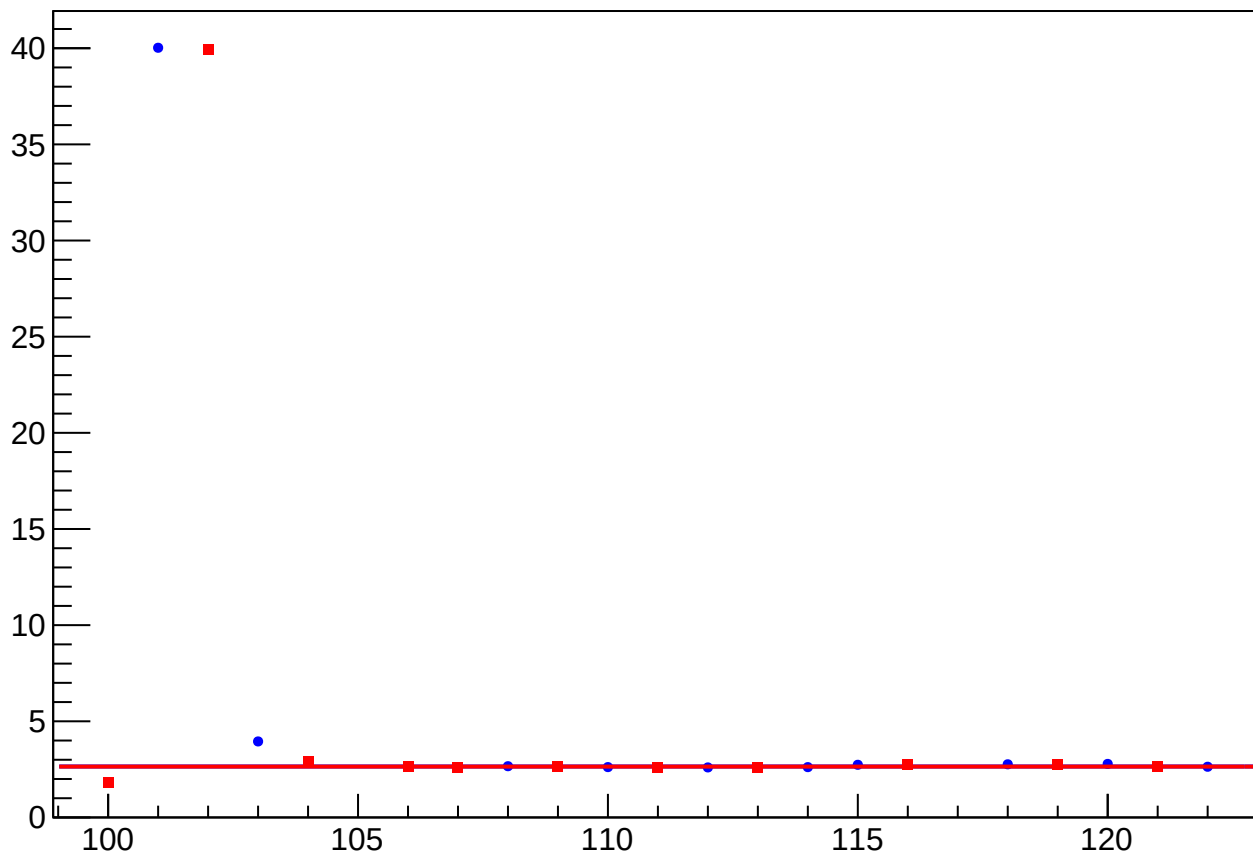
Right: 0.014+/-0.000 χ^2/NDF : 1643576.1/20

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 : 1643576.1/20

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: 2.645+/-0.000 χ^2/NDF : 62777418115.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

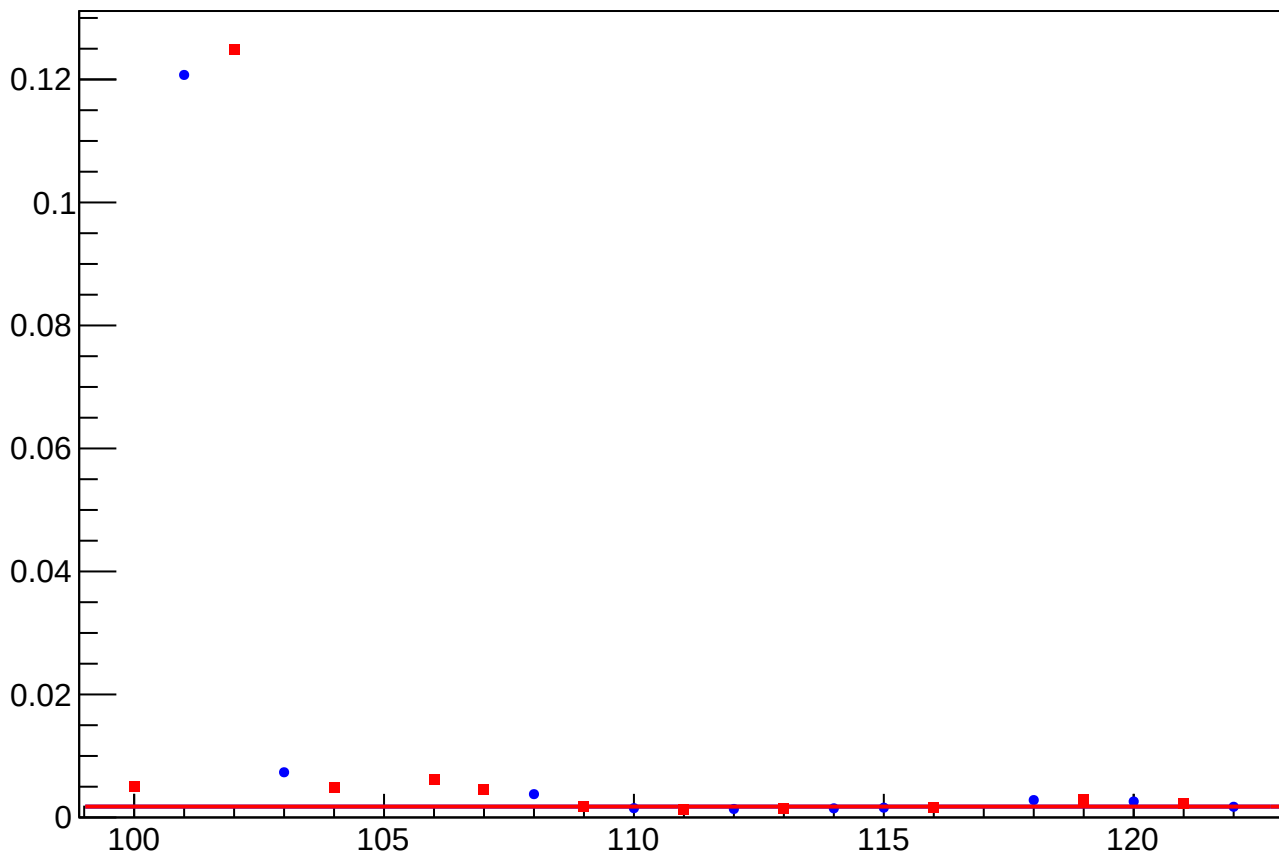
Right: 2.647+/-0.000 χ^2/NDF : 127320624186.8/20

In: 2.651+/-0.000 χ^2/NDF :64528281071.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.647+/-0.000 χ^2/NDF : 127320624186.8

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 : 2336476.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

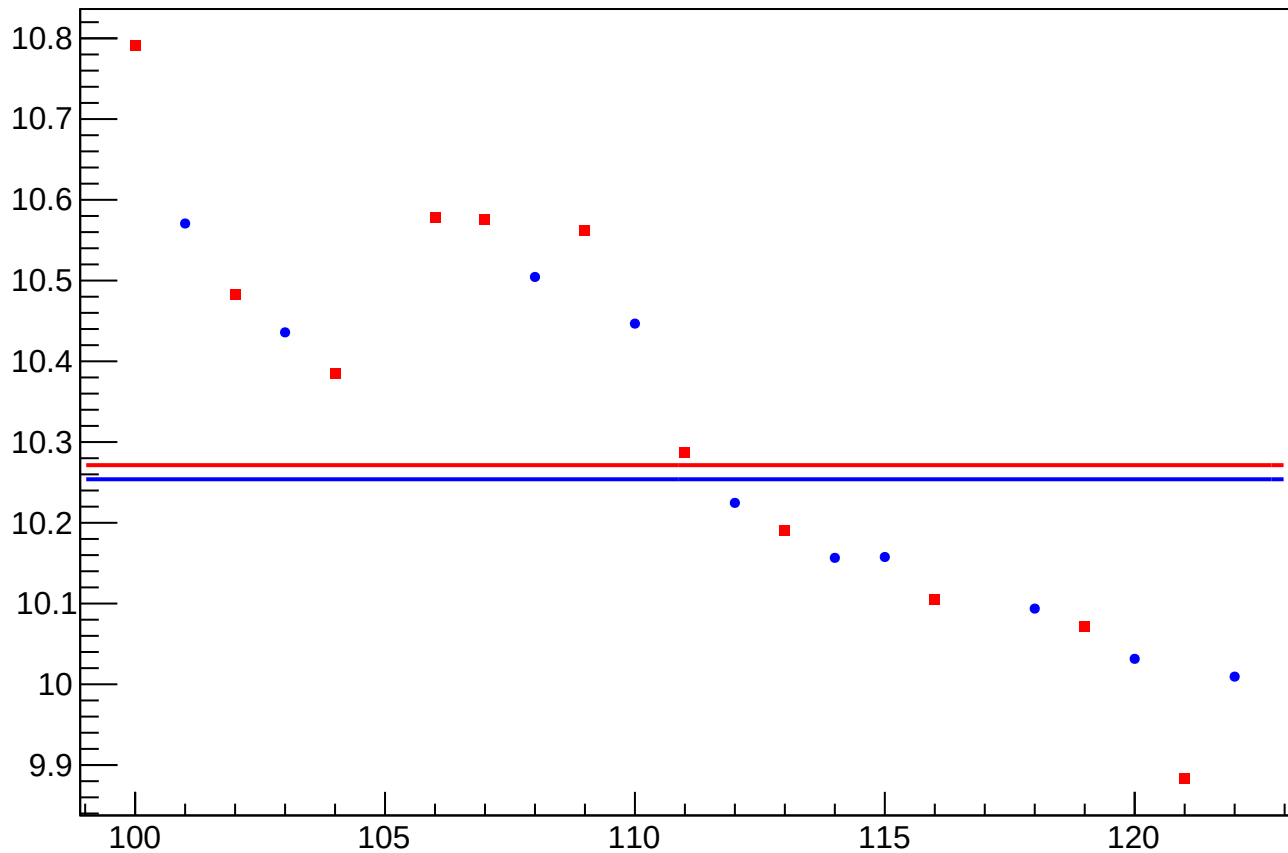
Right: 0.002+/-0.000 χ^2/NDF : 4097284.6/20

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 : 4097284.6/20

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: 10.271+/-0.000 χ^2/NDF : 4228704711.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

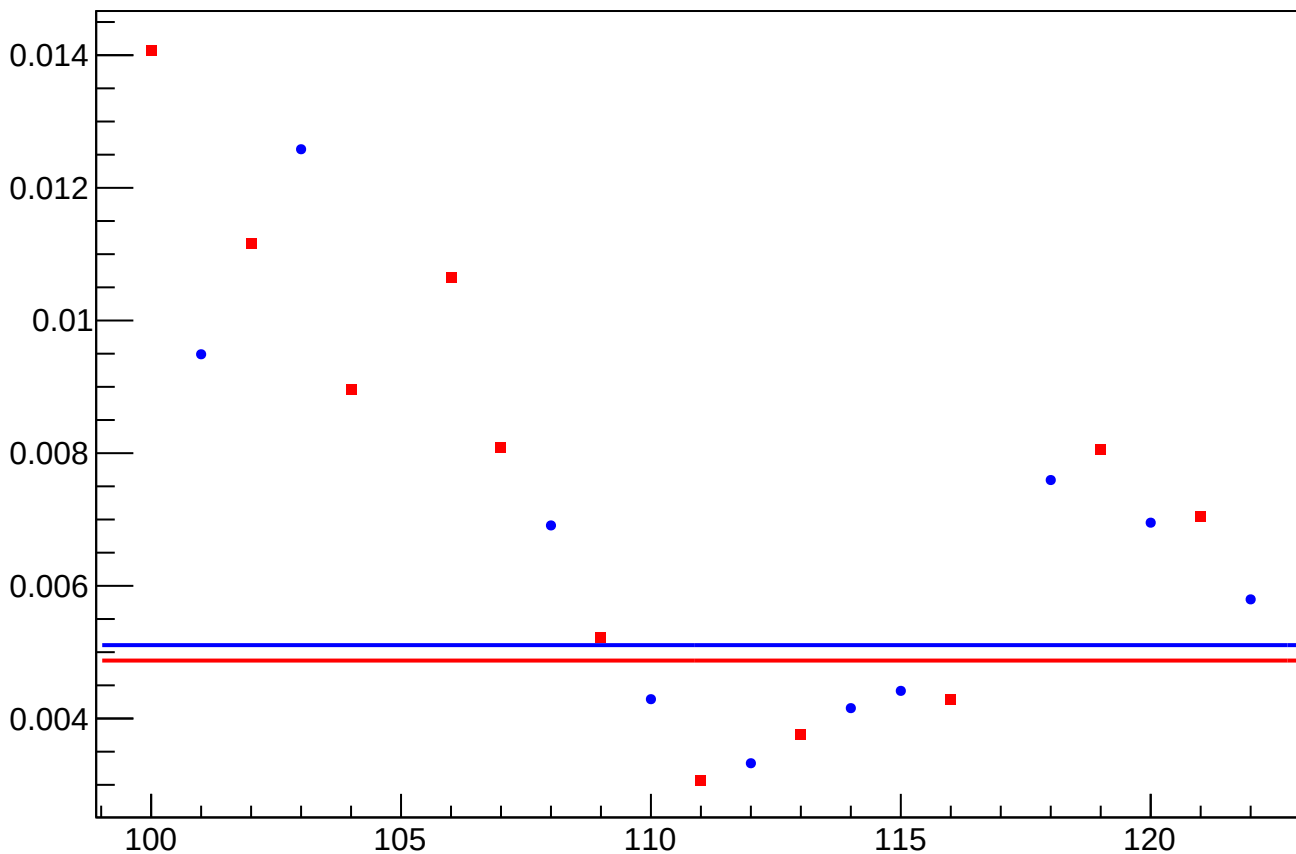
Right: 10.263+/-0.000 χ^2/NDF : 7259869031.8/20

In: 10.254+/-0.000 χ^2/NDF : 3012064298.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.263+/-0.000 χ^2/NDF : 7259869031.8/20

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 : 1473255.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

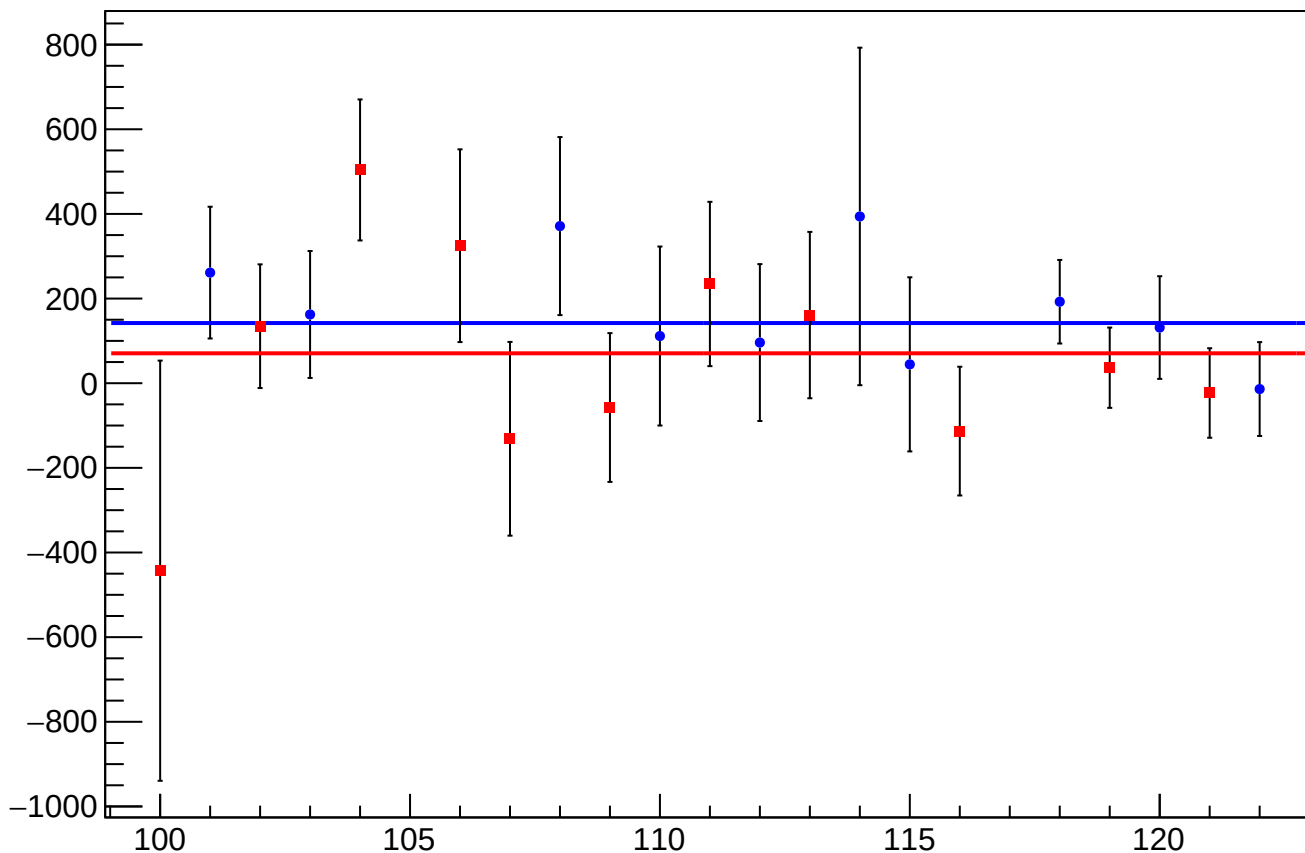
Right: 0.005+/-0.000 χ^2/NDF : 2622716.4/20

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 : 2622716.4/20

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: 70.653+/-46.942 χ^2/NDF : 13.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

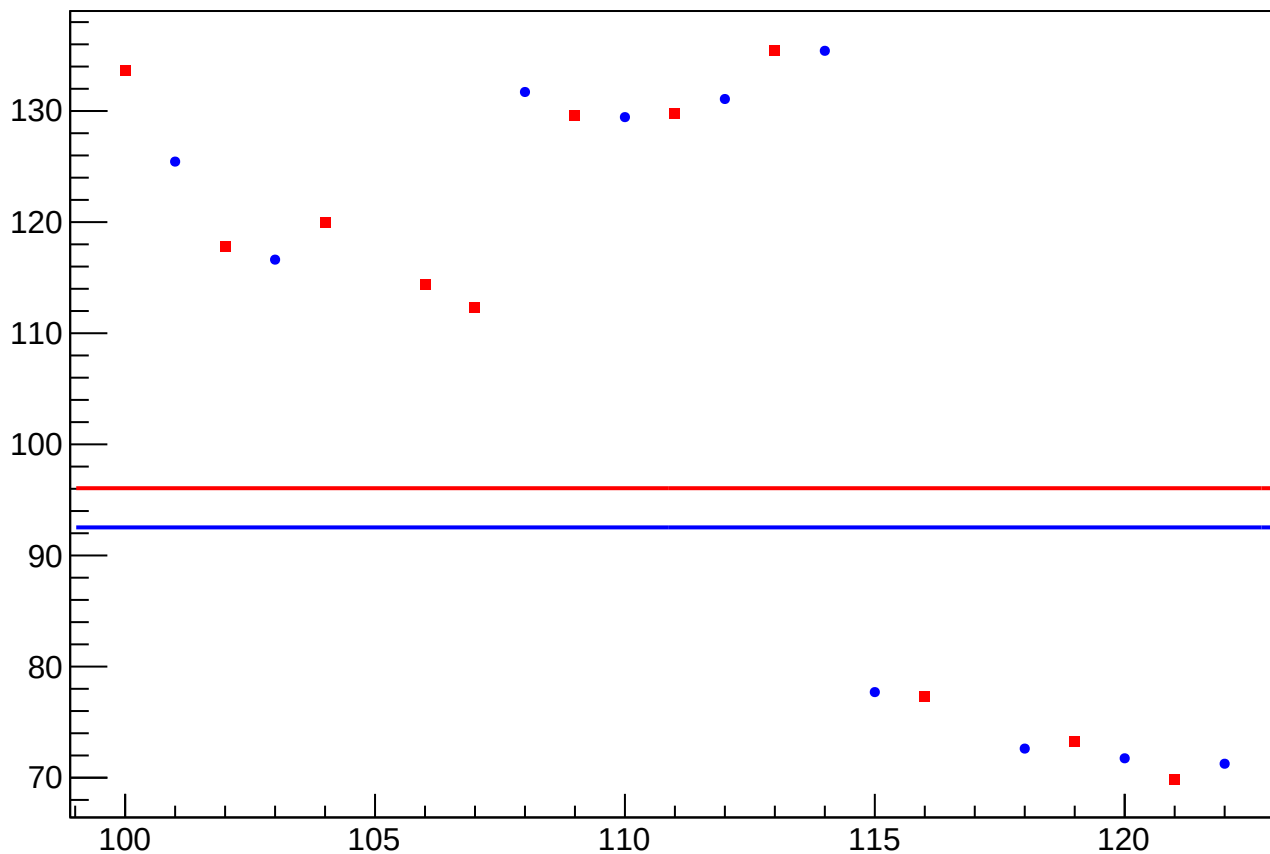
Right: 105.927+/-33.417 χ^2/NDF : 19.8/20

In: 142.168+/-47.581 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.927+/-33.417 χ^2/NDF : 19.8/20

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: 96.053+/-0.033 χ^2/NDF : 602609.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

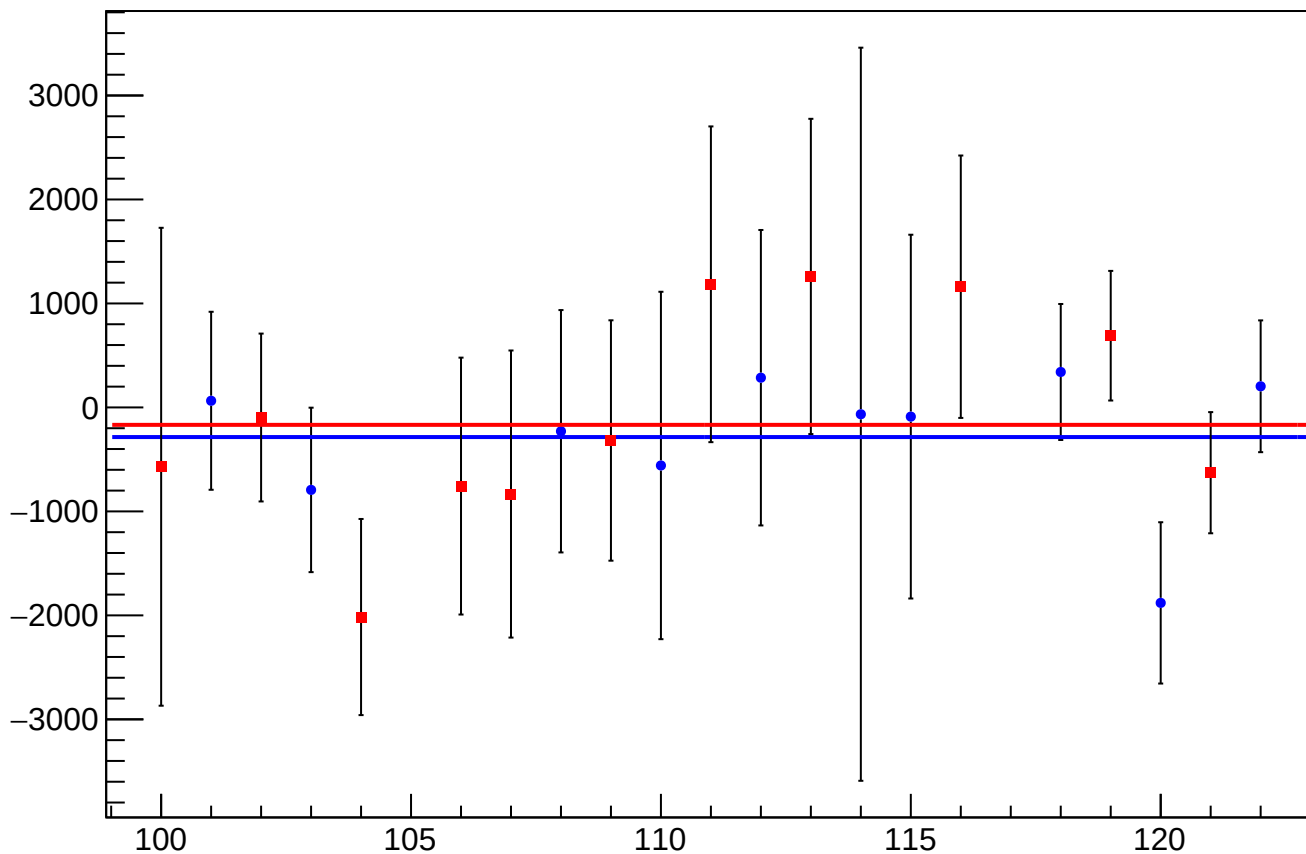
Right: 94.314+/-0.024 χ^2/NDF : 1213416.3/20

In: 92.526+/-0.034 χ^2/NDF : 605238.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.314+/-0.024 χ^2/NDF : 1213416.3/20

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -285.032 $\pm$ 295.511 χ^2 /NDF: 6.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -167.659 $\pm$ 291.200 χ^2 /NDF: 9.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

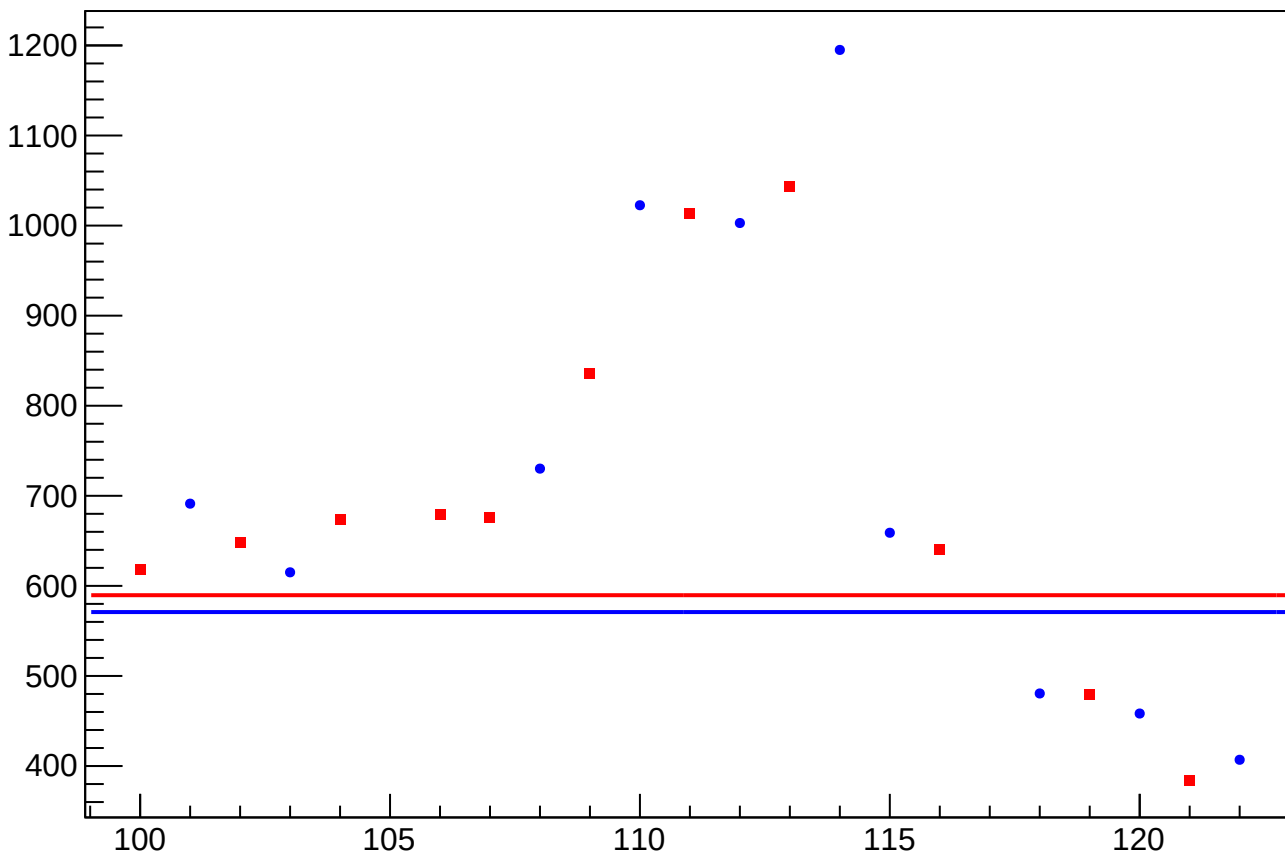
Right: -225.483 $\pm$ 207.417 χ^2 /NDF: 16.3/20

In: -285.032 $\pm$ 295.511 χ^2 /NDF:6.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -225.483 $\pm$ 207.417 χ^2 /NDF: 16.3/20

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: 589.649+/-0.206 χ^2/NDF : 785778.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

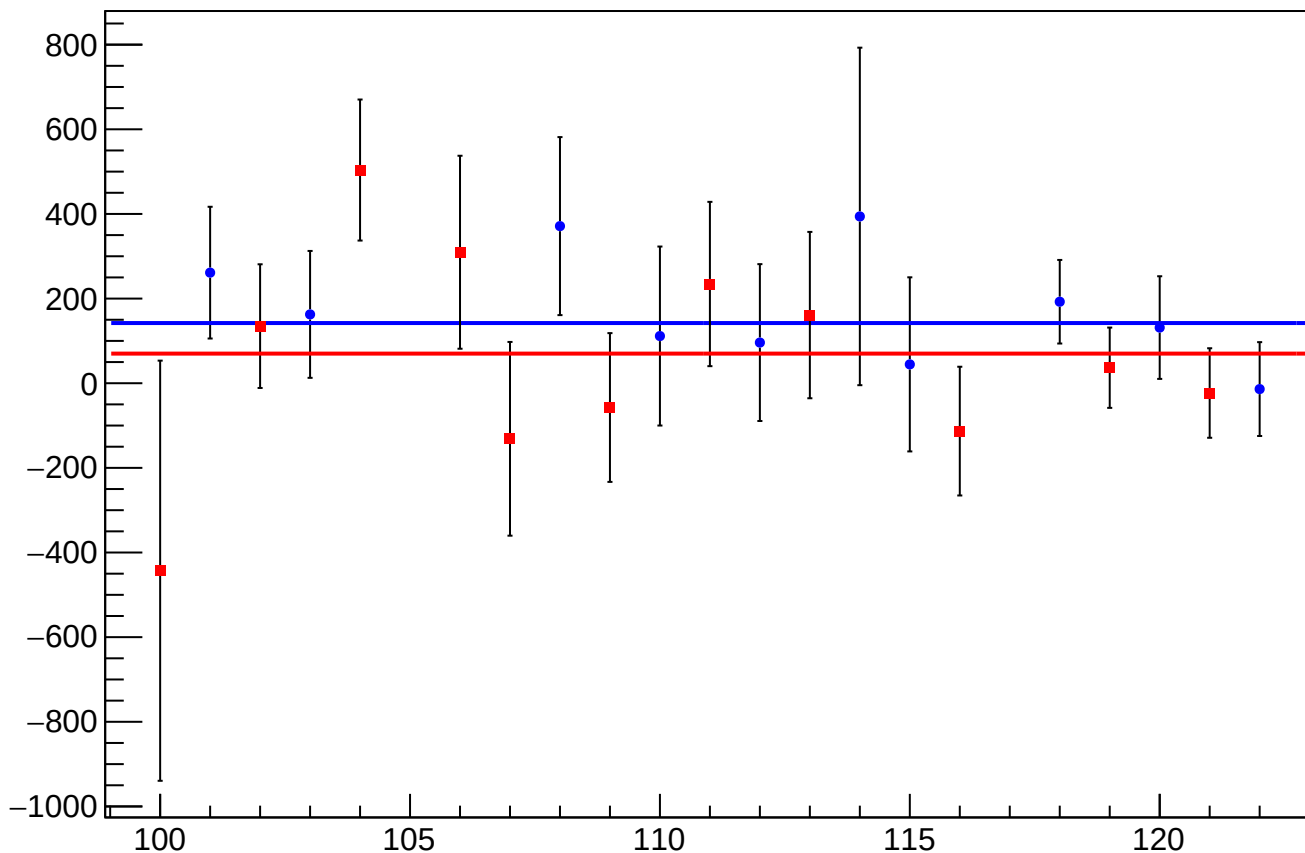
Right: 580.425+/-0.147 χ^2/NDF : 1486030.8/20

In: 570.926+/-0.209 χ^2/NDF : 696179.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.425+/-0.147 χ^2/NDF : 1486030.8/20

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: 69.985 $\pm$ 46.945 χ^2 /NDF: 13.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

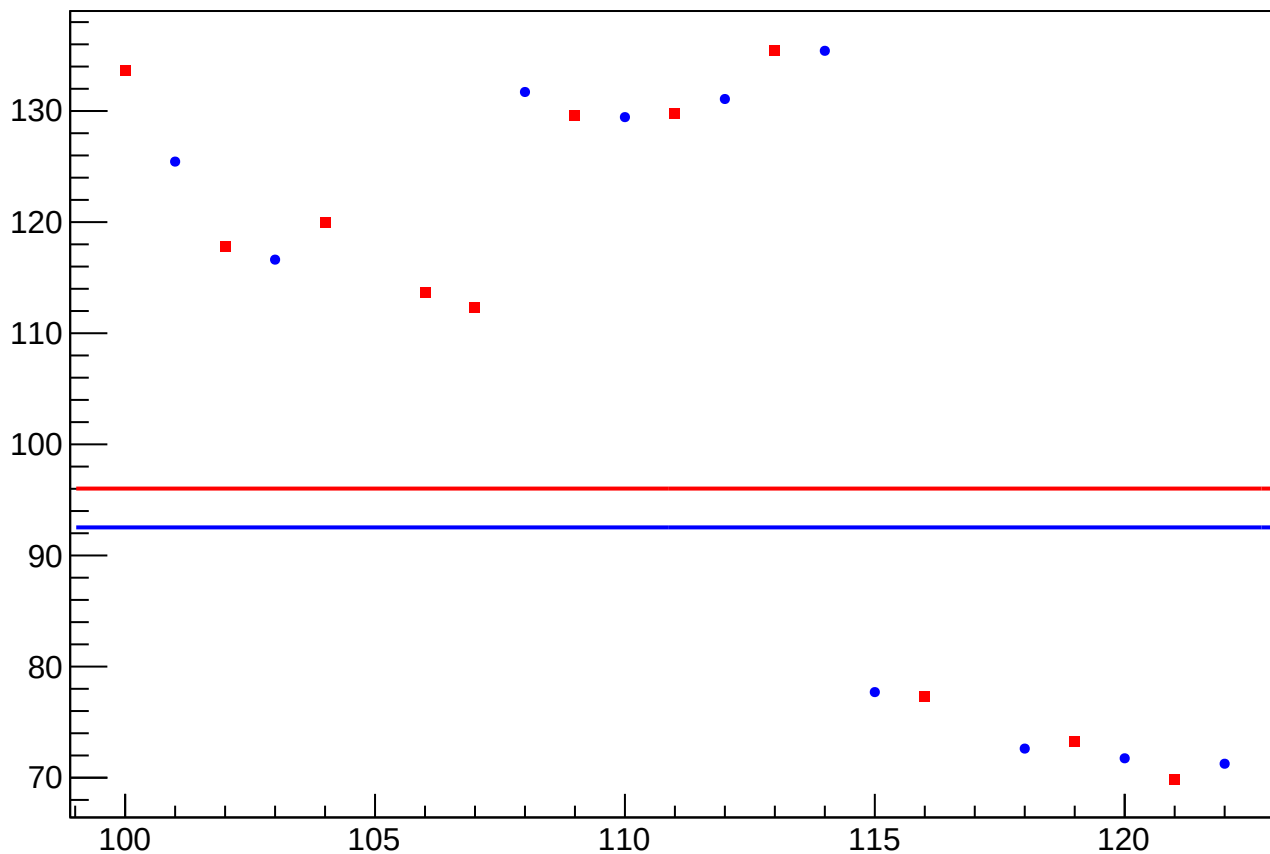
Right: 105.607 $\pm$ 33.418 χ^2 /NDF: 19.6/20

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: 105.607 $\pm$ 33.418 χ^2 /NDF: 19.6/20

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: 96.021+/-0.033 χ^2/NDF : 601591.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

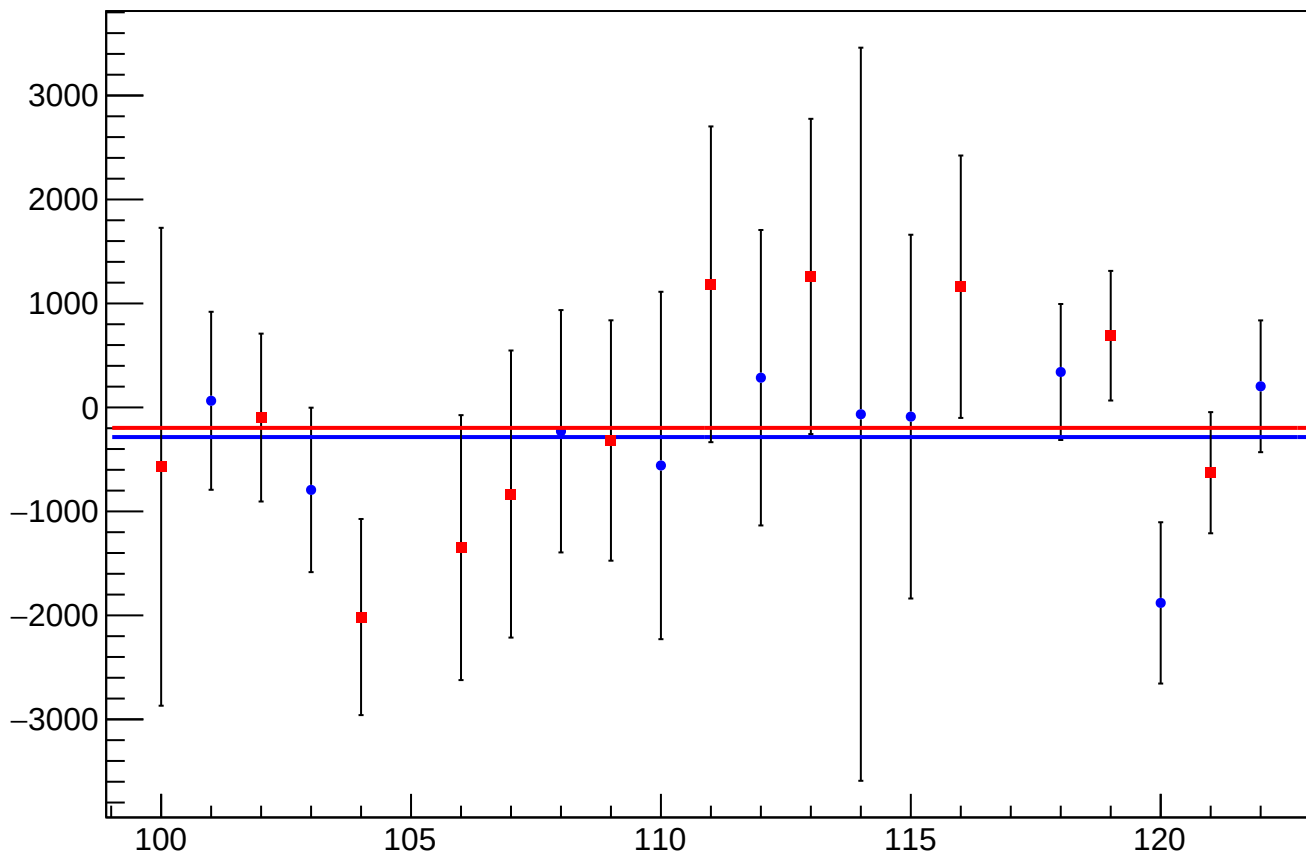
Right: 94.297+/-0.024 χ^2/NDF : 1212295.6/20

In: 92.526+/-0.034 χ^2/NDF : 605238.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.297+/-0.024 χ^2/NDF : 1212295.6/20

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: -196.774+/-291.688 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

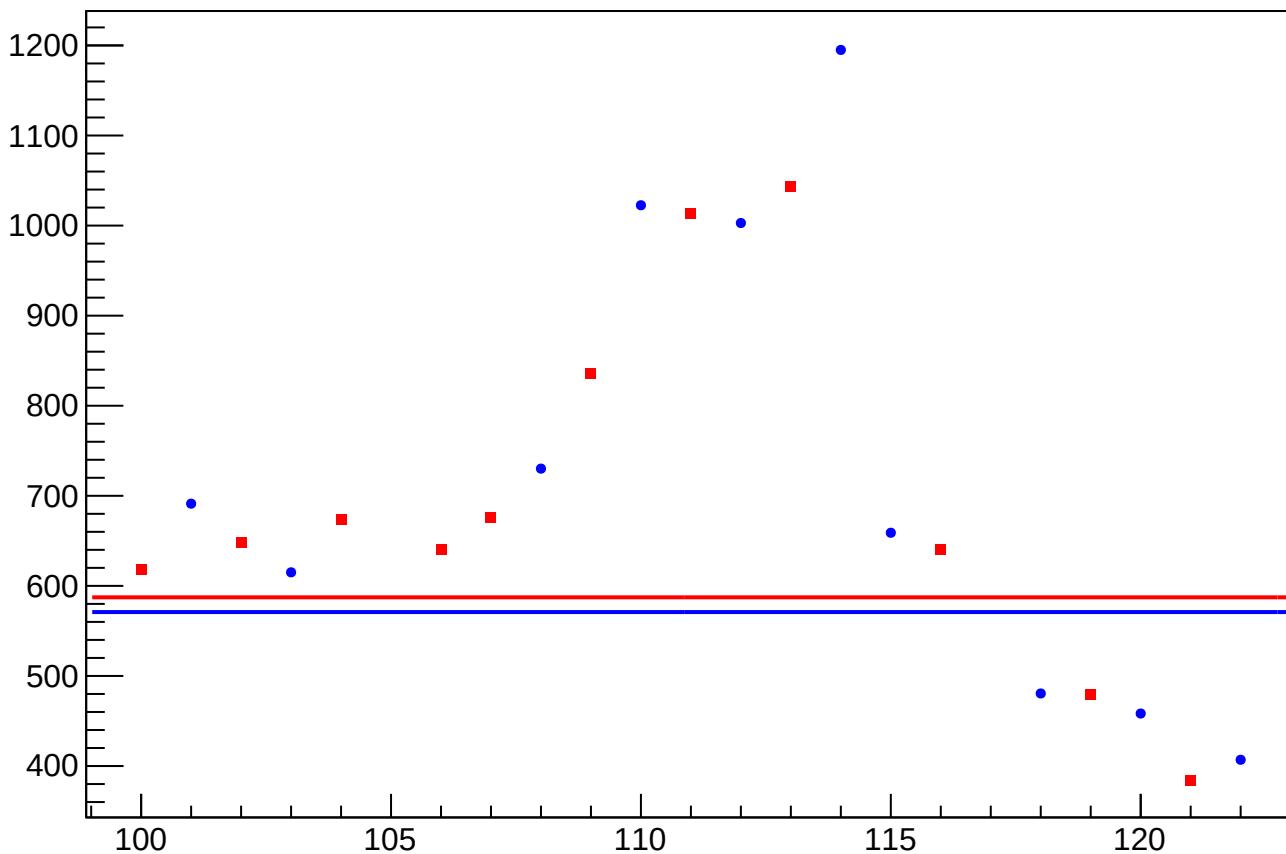
Right: -240.327+/-207.593 χ^2/NDF : 16.9/20

In: -285.028+/-295.511 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.327+/-207.593 χ^2/NDF : 16.9/20

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: 587.292+/-0.206 χ^2/NDF : 778212.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

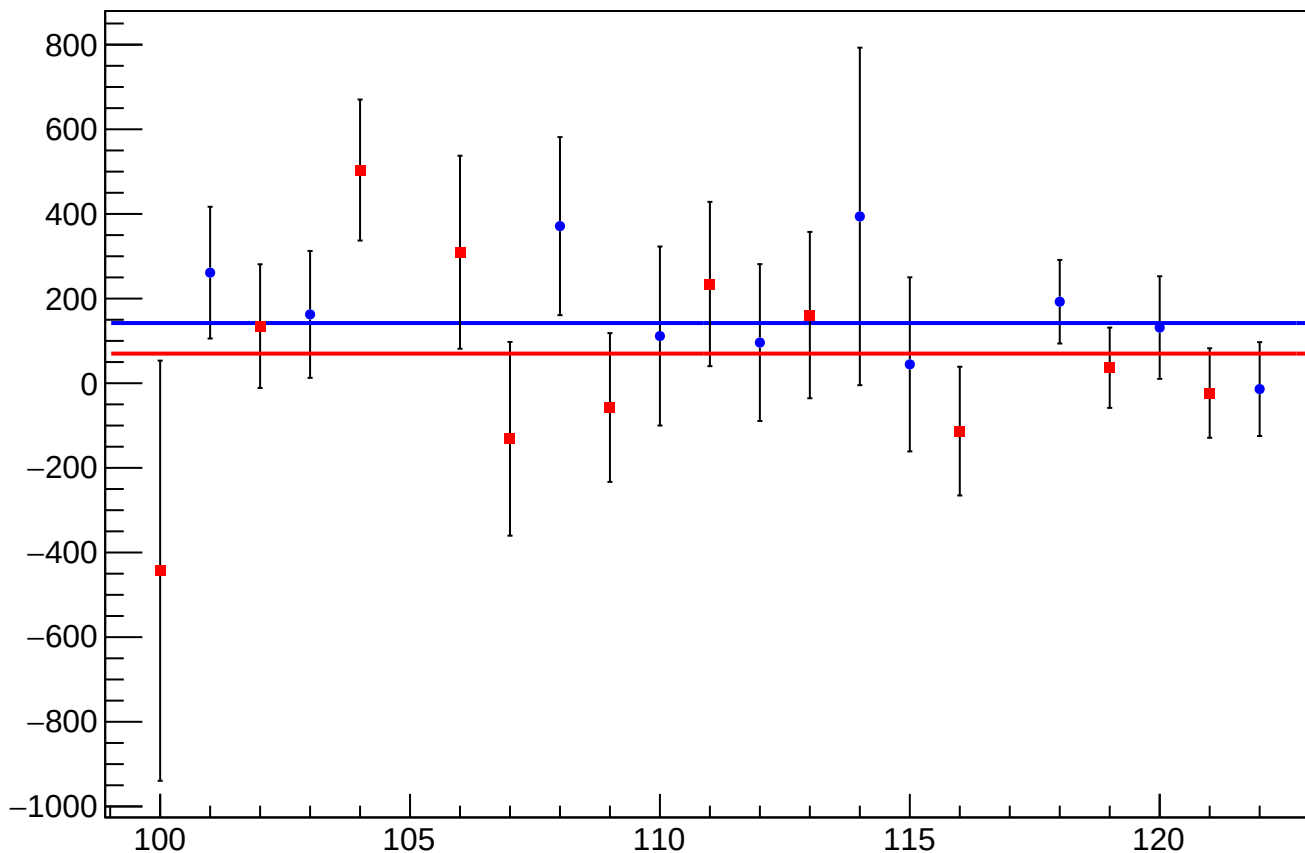
Right: 579.215+/-0.147 χ^2/NDF : 1477499.5/20

In: 570.926+/-0.209 χ^2/NDF : 696180.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.215+/-0.147 χ^2/NDF : 1477499.5/20

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: 69.985 $\pm$ 46.945 χ^2 /NDF: 13.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

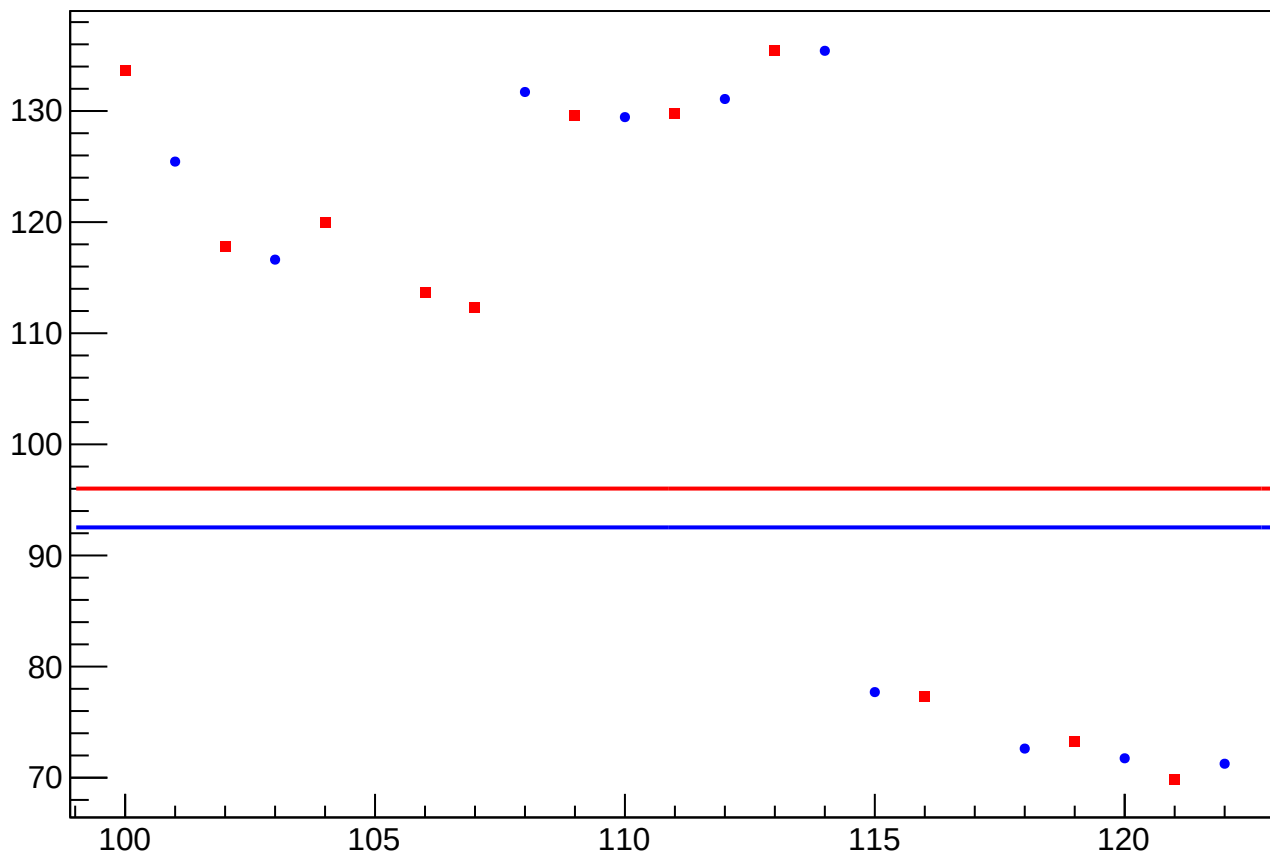
Right: 105.607 $\pm$ 33.418 χ^2 /NDF: 19.6/20

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: 105.607 $\pm$ 33.418 χ^2 /NDF: 19.6/20

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: 96.021+/-0.033 χ^2/NDF : 601591.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

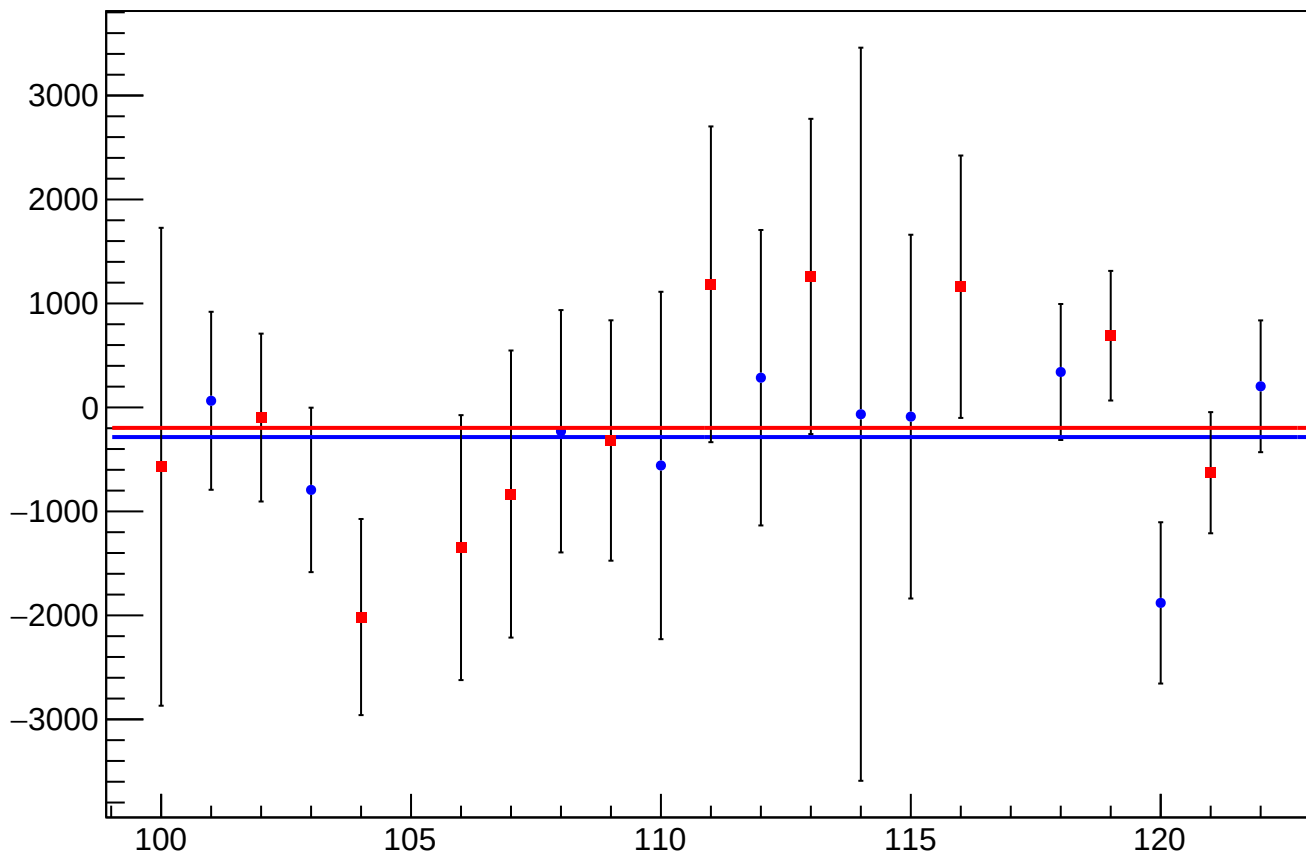
Right: 94.297+/-0.024 χ^2/NDF : 1212295.6/20

In: 92.526+/-0.034 χ^2/NDF : 605238.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.297+/-0.024 χ^2/NDF : 1212295.6/20

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: -196.774+/-291.688 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

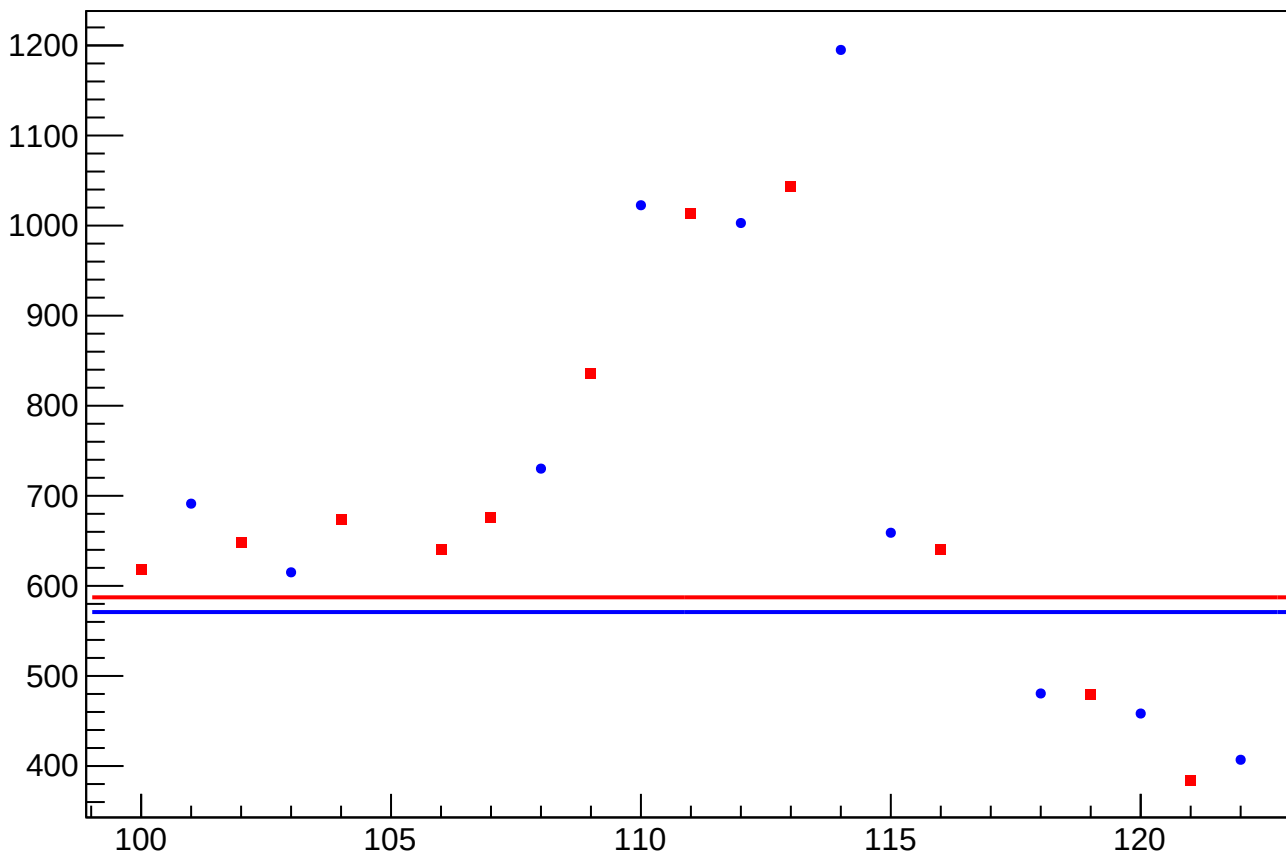
Right: -240.327+/-207.593 χ^2/NDF : 16.9/20

In: -285.028+/-295.511 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.327+/-207.593 χ^2/NDF : 16.9/20

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: 587.292+/-0.206 χ^2/NDF : 778212.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

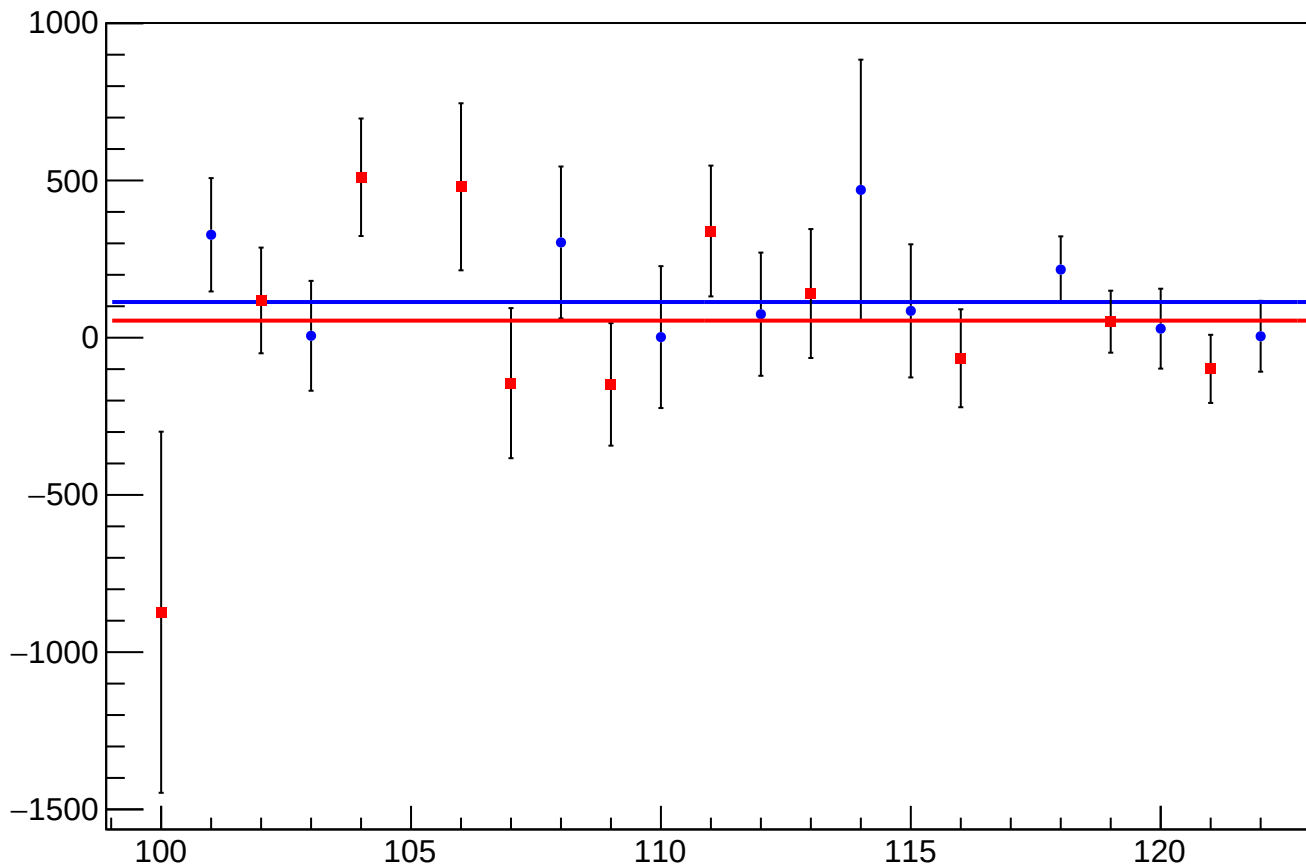
Right: 579.215+/-0.147 χ^2/NDF : 1477499.5/20

In: 570.926+/-0.209 χ^2/NDF : 696180.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.215+/-0.147 χ^2/NDF : 1477499.5/20

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: 54.285 $\pm$ 49.909 χ^2 /NDF: 17.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

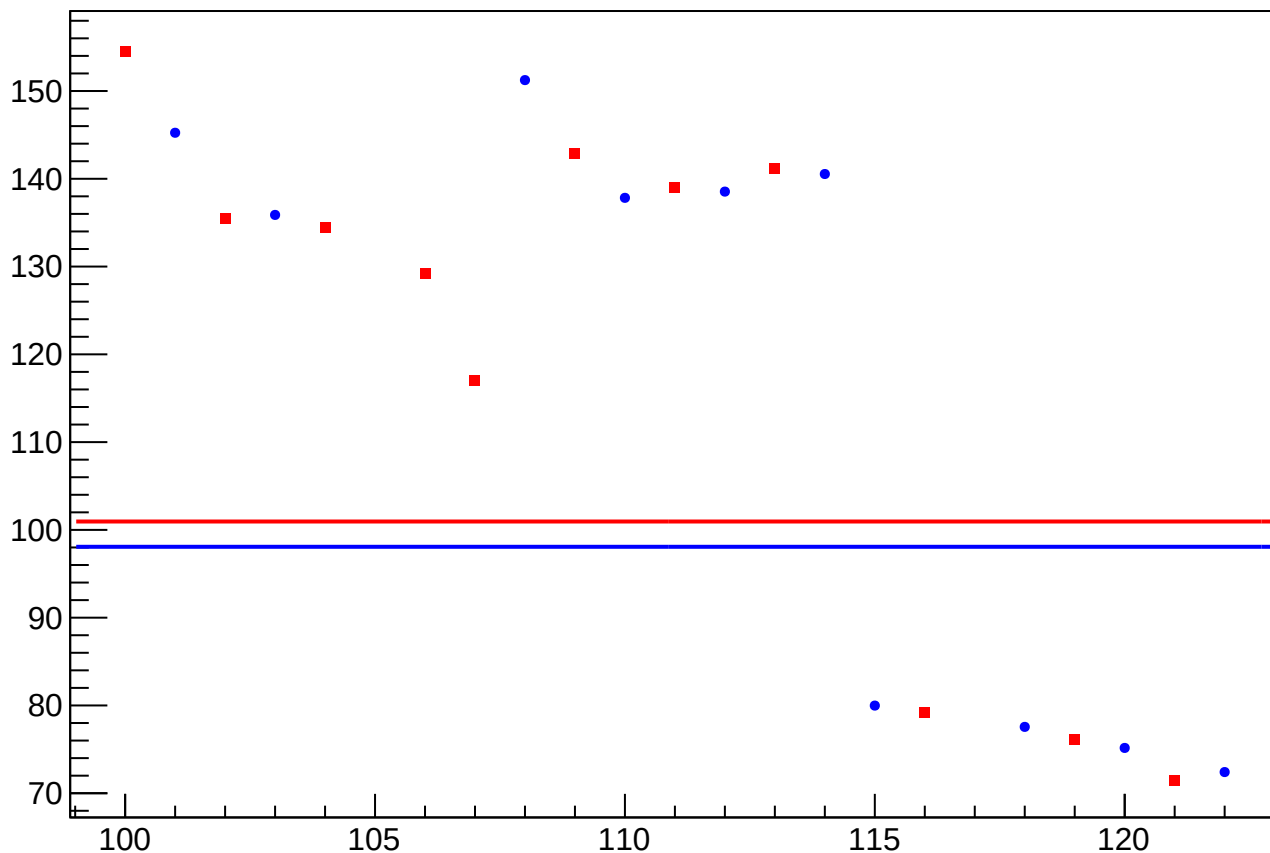
Right: 83.243 $\pm$ 35.658 χ^2 /NDF: 24.2/20

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: 83.243 $\pm$ 35.658 χ^2 /NDF: 24.2/20

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: 100.956+/-0.035 χ^2/NDF : 748948.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

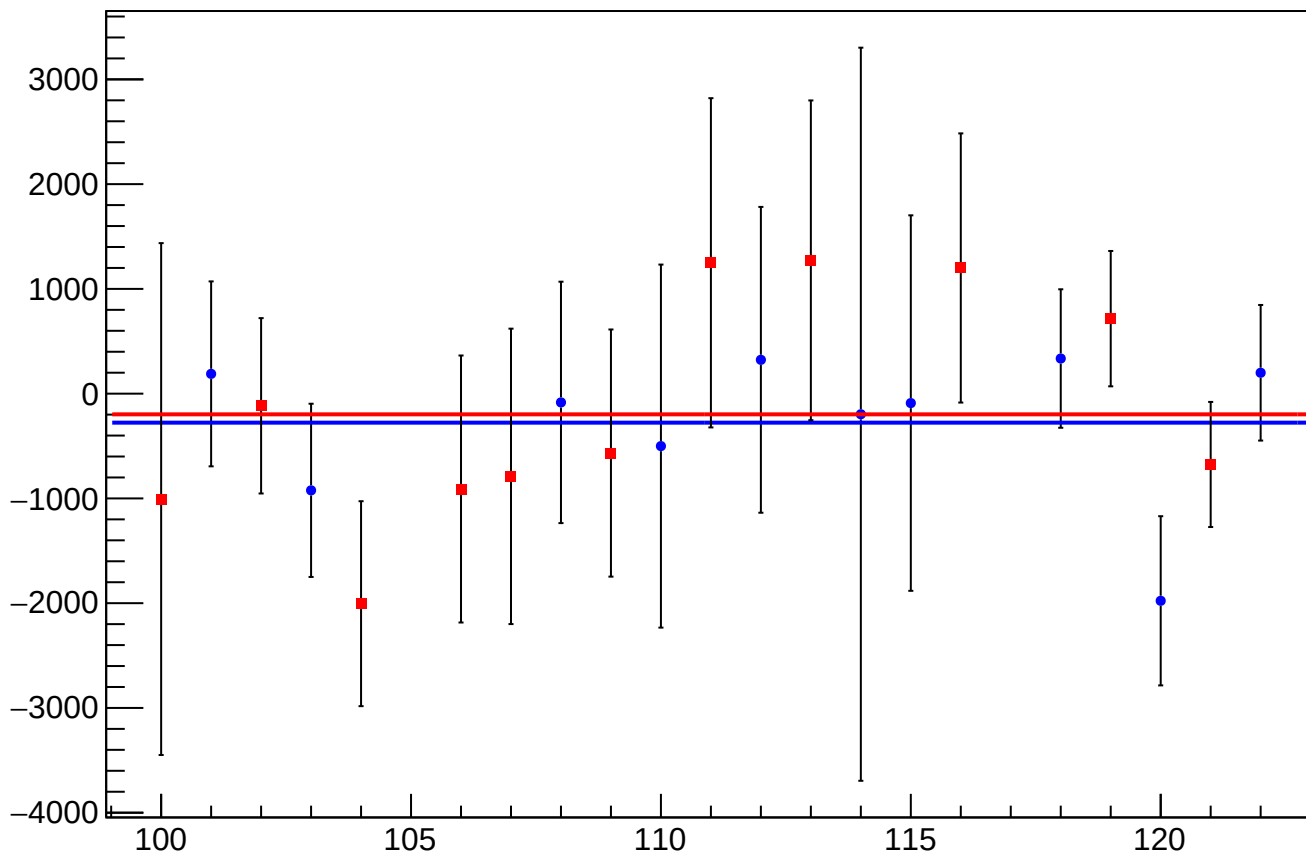
Right: 99.546+/-0.025 χ^2/NDF : 1507234.2/20

In: 98.076+/-0.036 χ^2/NDF :755024.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.546+/-0.025 χ^2/NDF : 1507234.2/20

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: -197.491+/-299.884 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

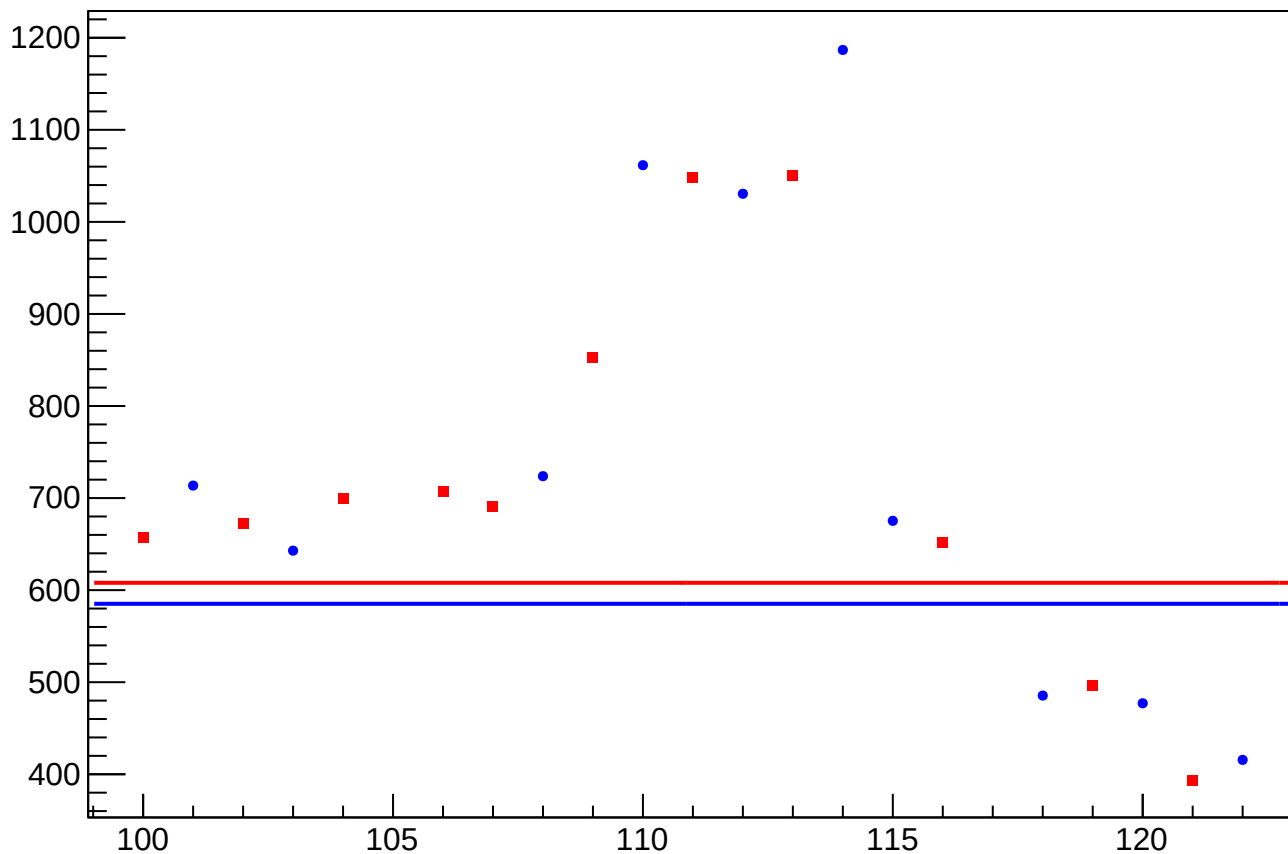
Right: -236.742+/-213.077 χ^2/NDF : 16.7/20

In: -276.763+/-302.810 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -236.742+/-213.077 χ^2/NDF : 16.7/20

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: 607.987+/-0.212 χ^2/NDF : 780385.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

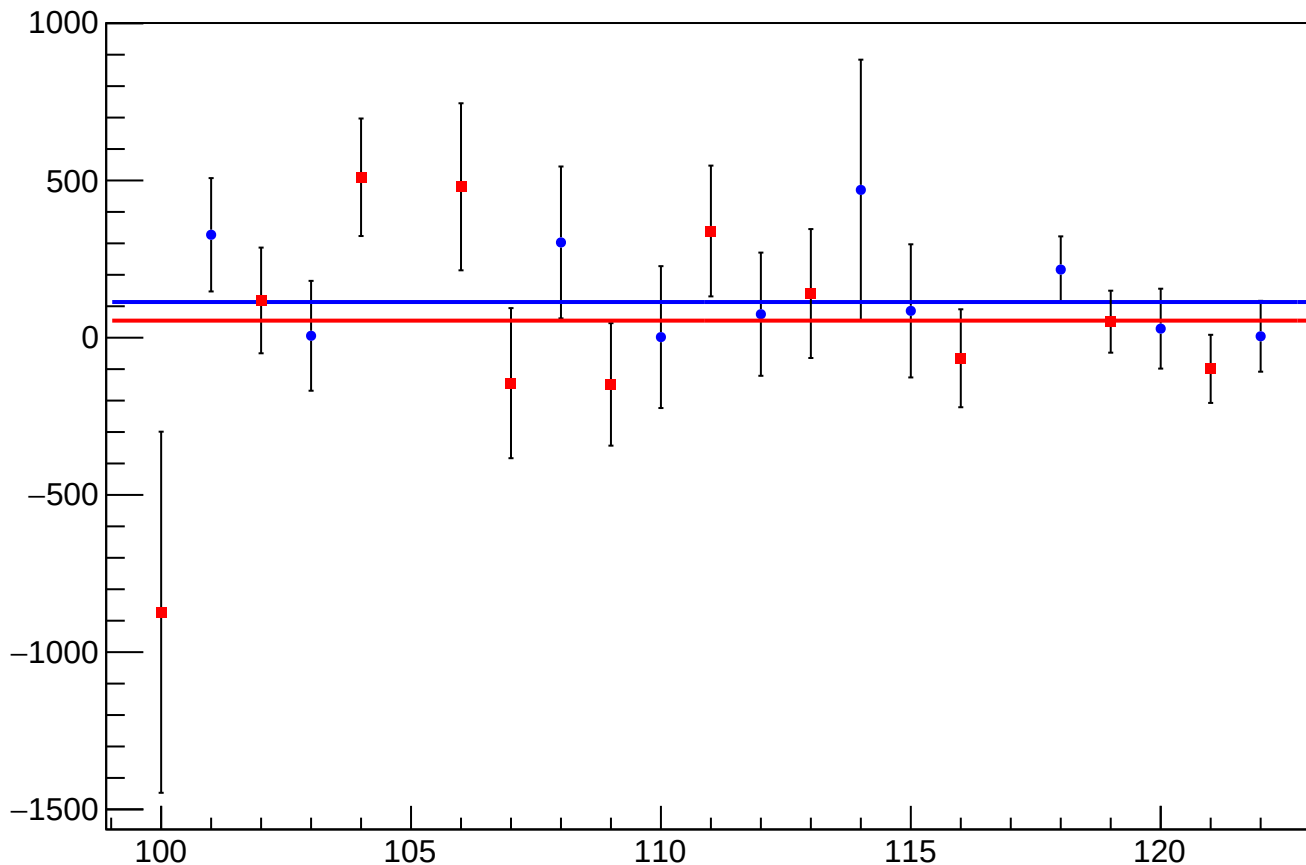
Right: 596.683+/-0.151 χ^2/NDF : 1487314.9/20

In: 585.158+/-0.214 χ^2/NDF :701190.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 596.683+/-0.151 χ^2/NDF : 1487314.9/20

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: 54.284 $\pm$ 49.909 χ^2 /NDF: 17.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

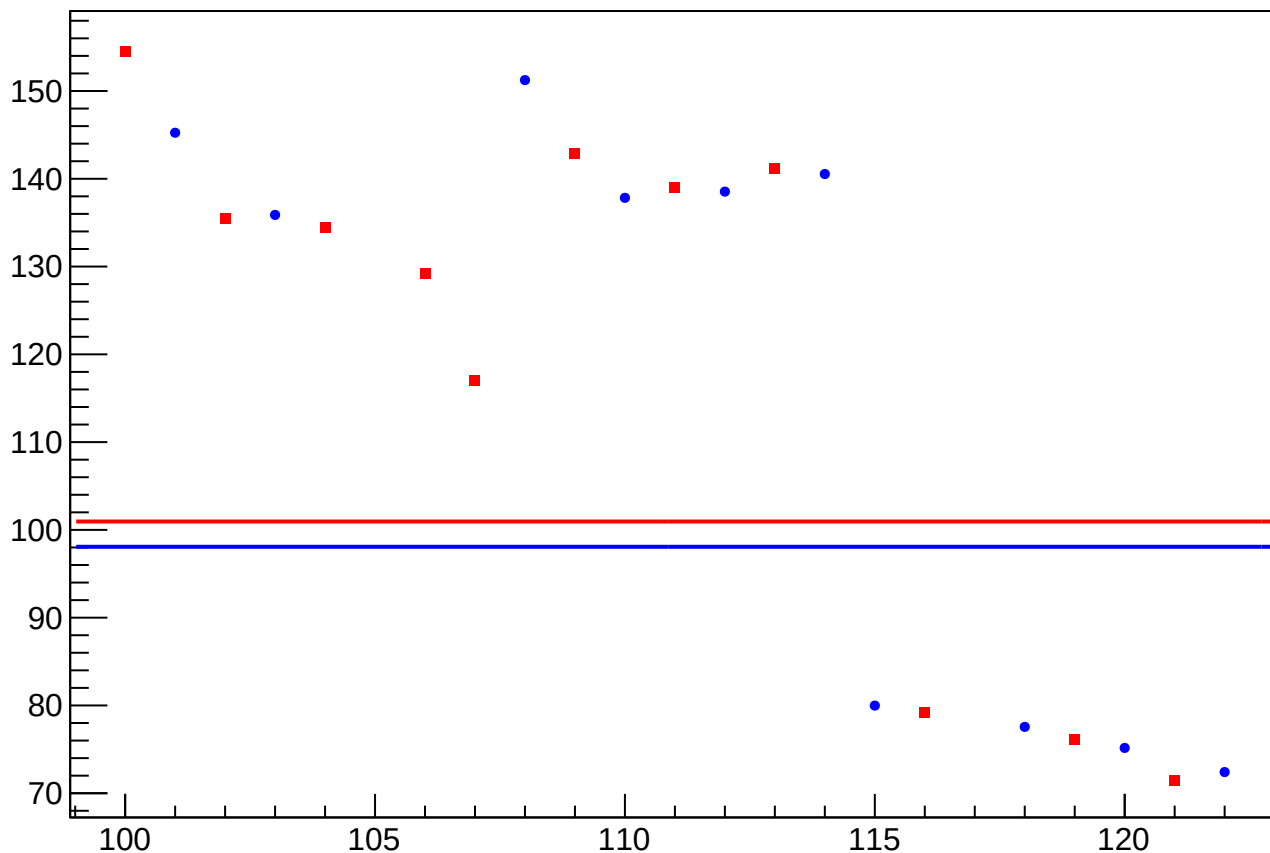
Right: 83.242 $\pm$ 35.658 χ^2 /NDF: 24.2/20

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: 83.242 $\pm$ 35.658 χ^2 /NDF: 24.2/20

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: 100.956+/-0.035 χ^2/NDF : 748949.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

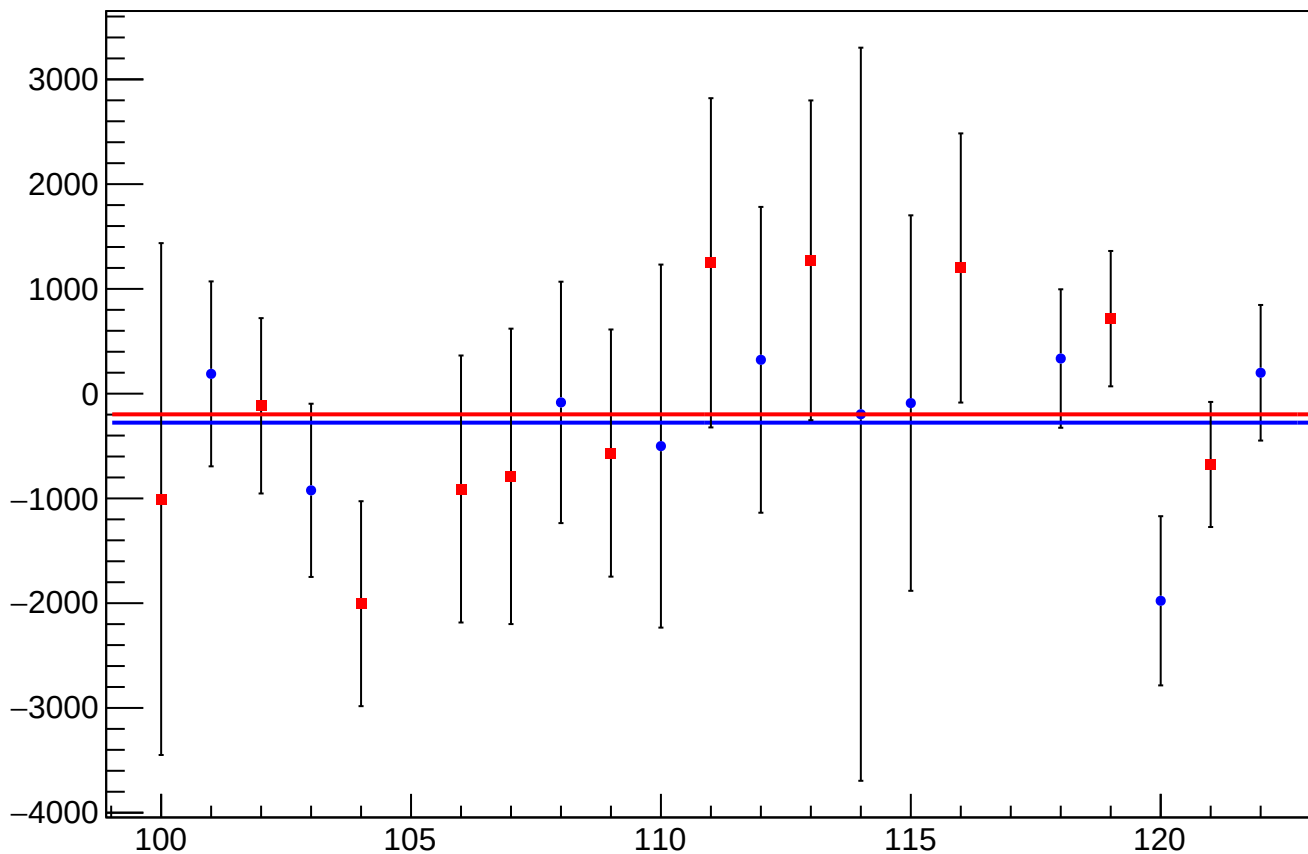
Right: 99.546+/-0.025 χ^2/NDF : 1507236.0/20

In: 98.075+/-0.036 χ^2/NDF :755025.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.546+/-0.025 χ^2/NDF : 1507236.0/20

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -276.764+/-302.809 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -197.491+/-299.883 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

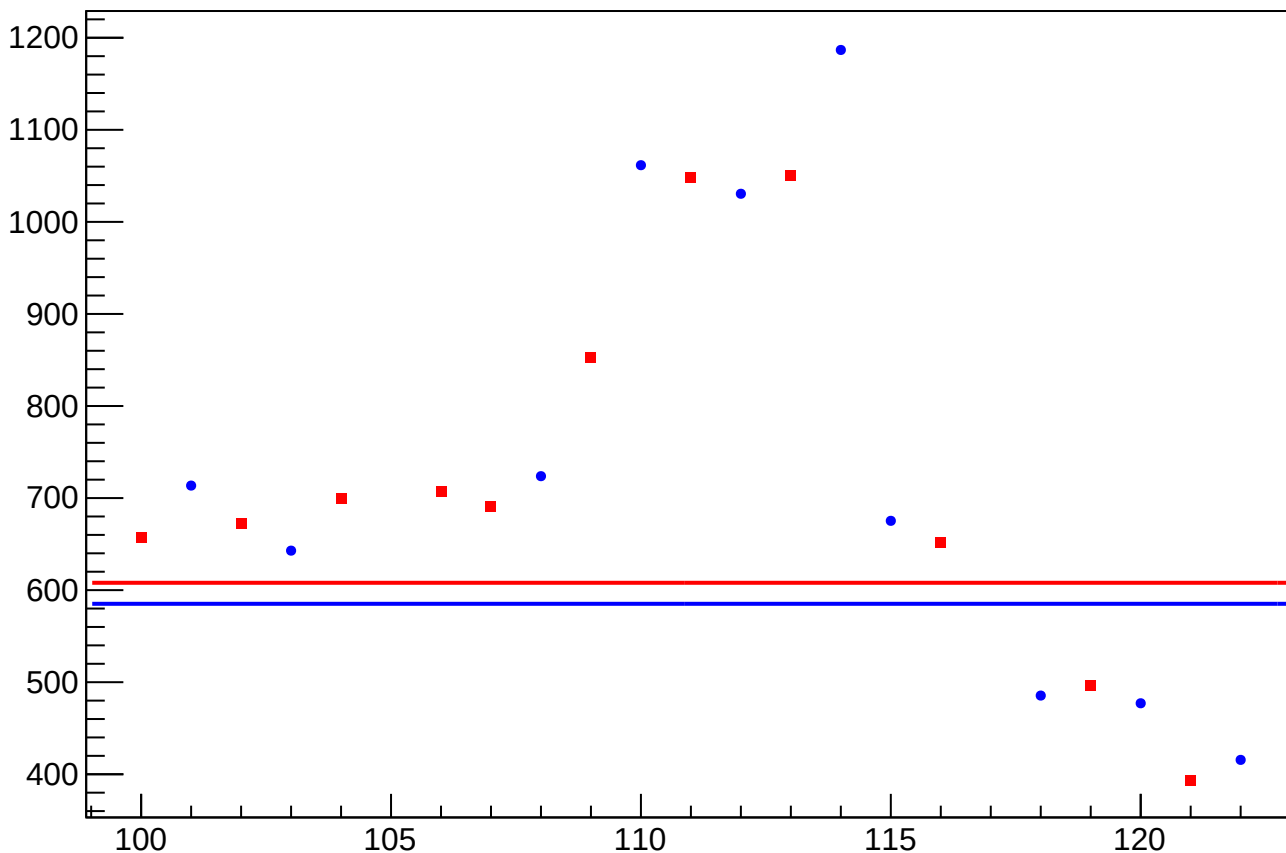
Right: -236.743+/-213.076 χ^2/NDF : 16.7/20

In: -276.764+/-302.809 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -236.743+/-213.076 χ^2/NDF : 16.7/20

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: 607.986+/-0.212 χ^2/NDF : 780387.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

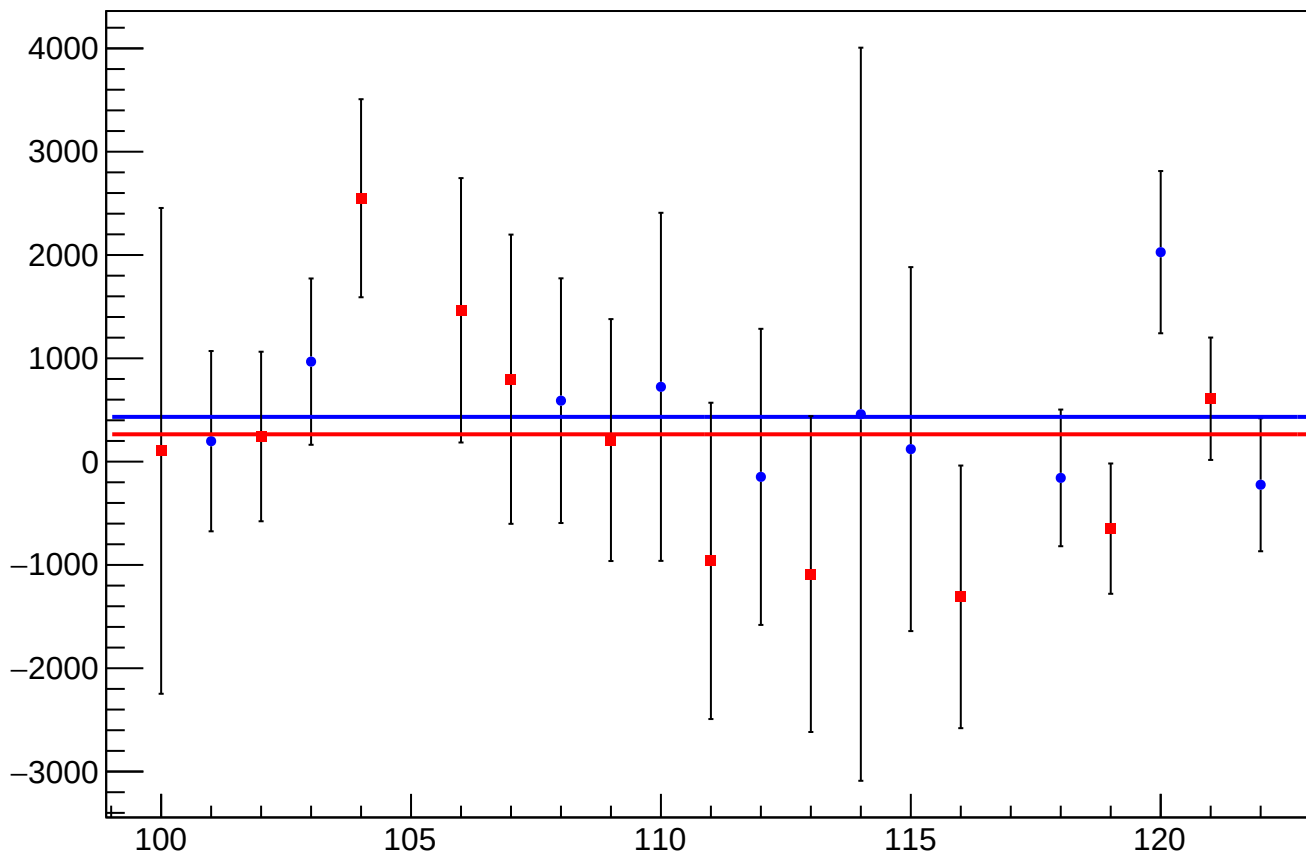
Right: 596.682+/-0.151 χ^2/NDF : 1487318.4/20

In: 585.157+/-0.214 χ^2/NDF : 701191.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.682+/-0.151 χ^2/NDF : 1487318.4/20

asym_sam1_mean vs Slug, Sign Corrected



Right In: 433.126 $\pm$ 299.723 χ^2 /NDF: 6.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 264.527 $\pm$ 295.628 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

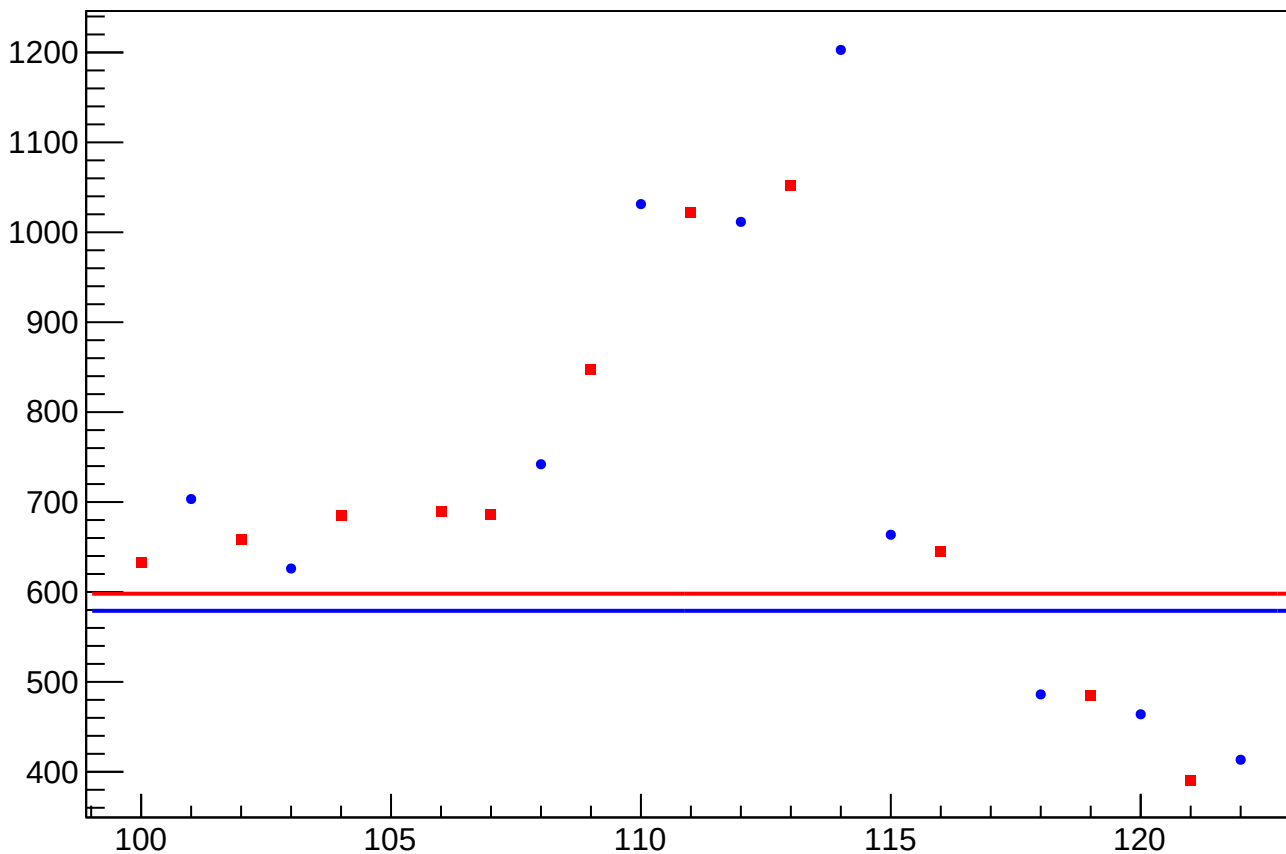
Right: 347.666 $\pm$ 210.473 χ^2 /NDF: 19.0/20

In: 433.126 $\pm$ 299.723 χ^2 /NDF:6.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 347.666 $\pm$ 210.473 χ^2 /NDF: 19.0/20

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: 598.073+/-0.209 χ^2/NDF : 779090.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

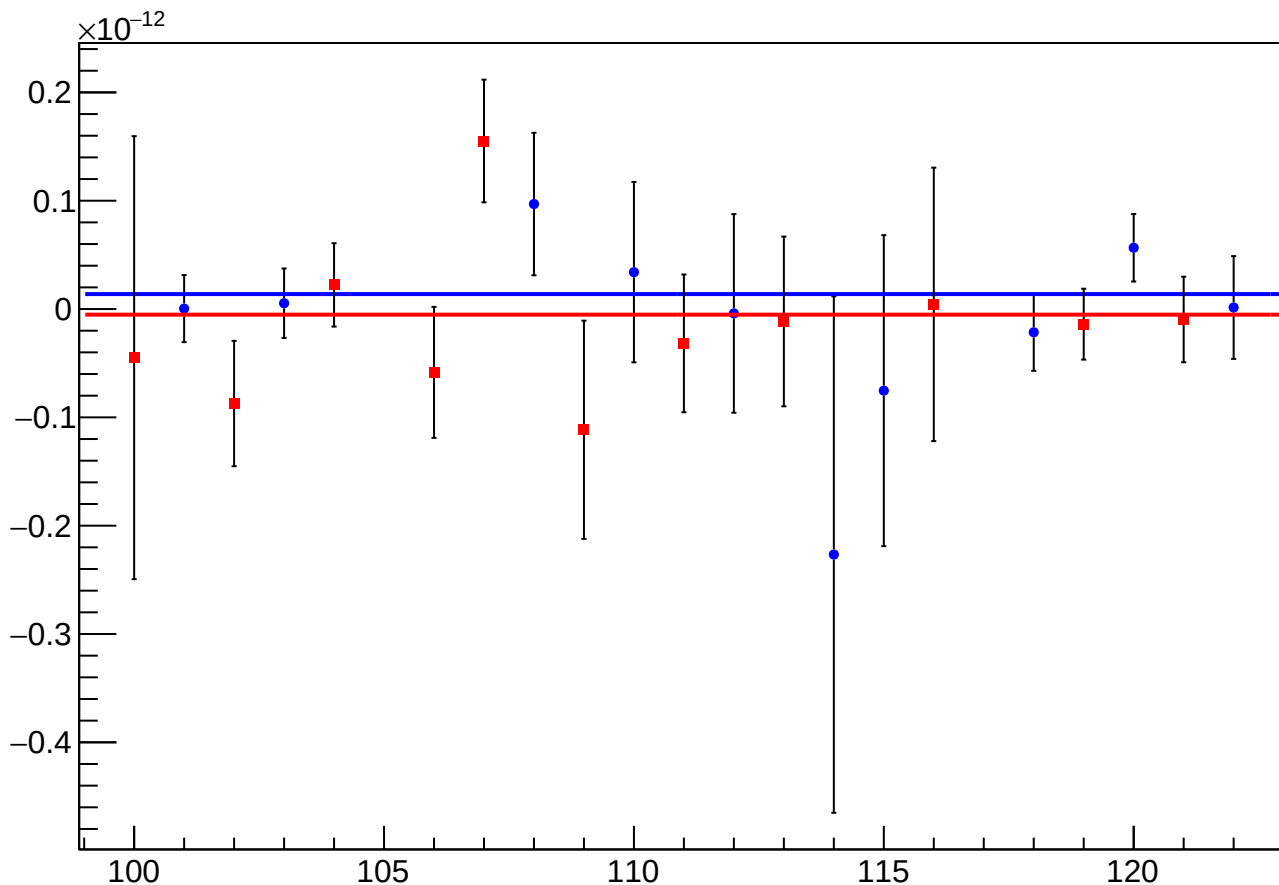
Right: 588.682+/-0.149 χ^2/NDF : 1476187.4/20

In: 579.030+/-0.212 χ^2/NDF : 693004.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 588.682+/-0.149 χ^2/NDF : 1476187.4/20

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 : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

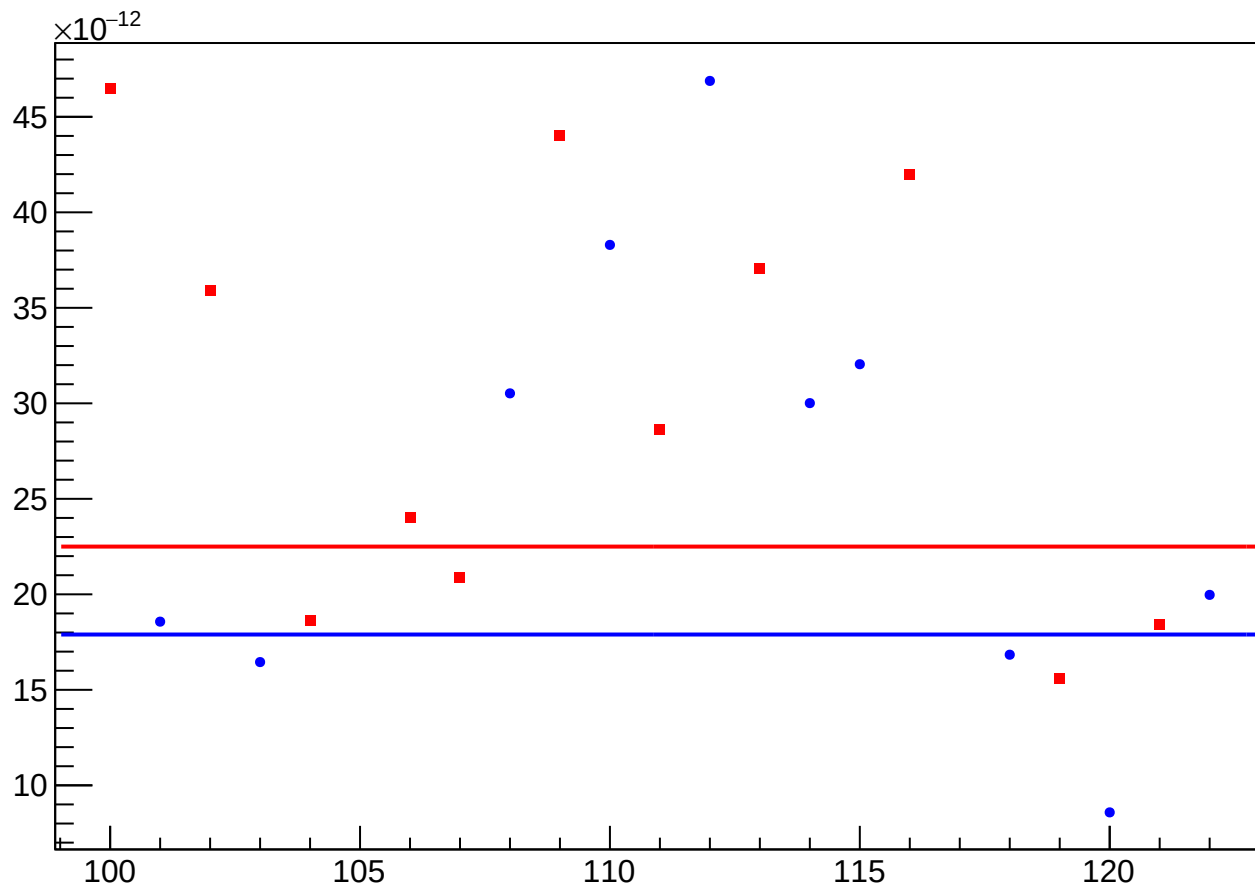
Right: 0.000+/-0.000 χ^2/NDF : 19.8/20

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 : 19.8/20

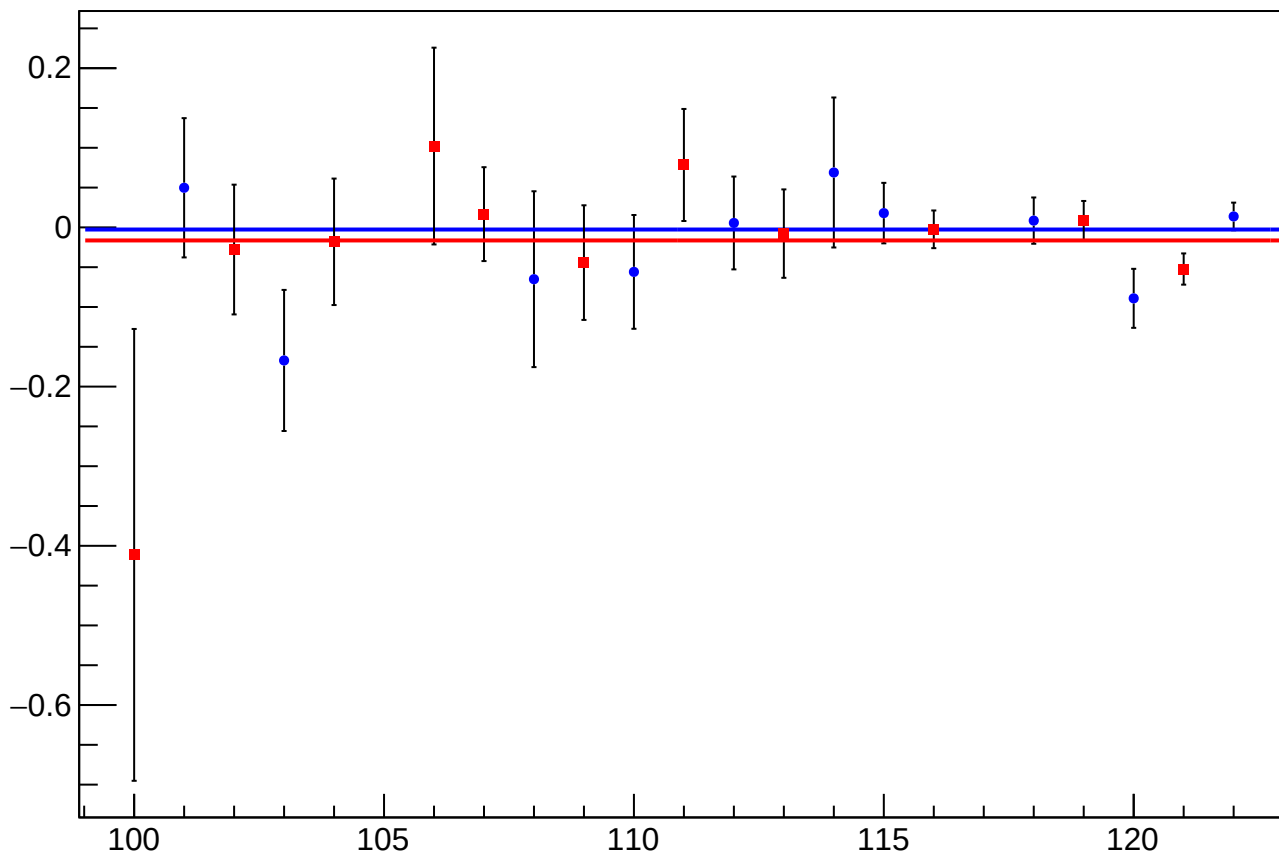
asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 495795.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1192781.5/20
 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 : 1192781.5/20

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: -0.016+/-0.012 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

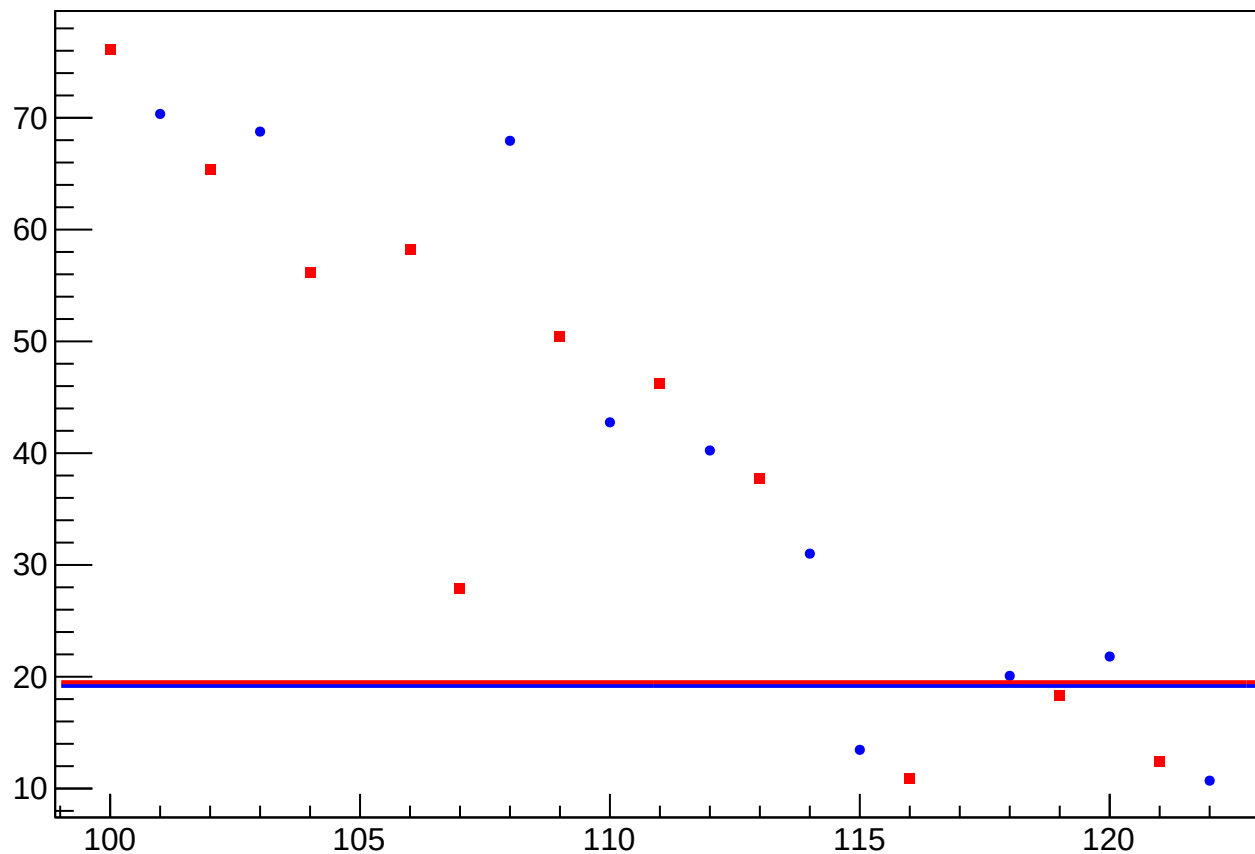
Right: -0.010+/-0.008 χ^2/NDF : 22.6/20

In: -0.003+/-0.012 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.008 χ^2/NDF : 22.6/20

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: 19.513+/-0.008 χ^2/NDF : 2772084.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

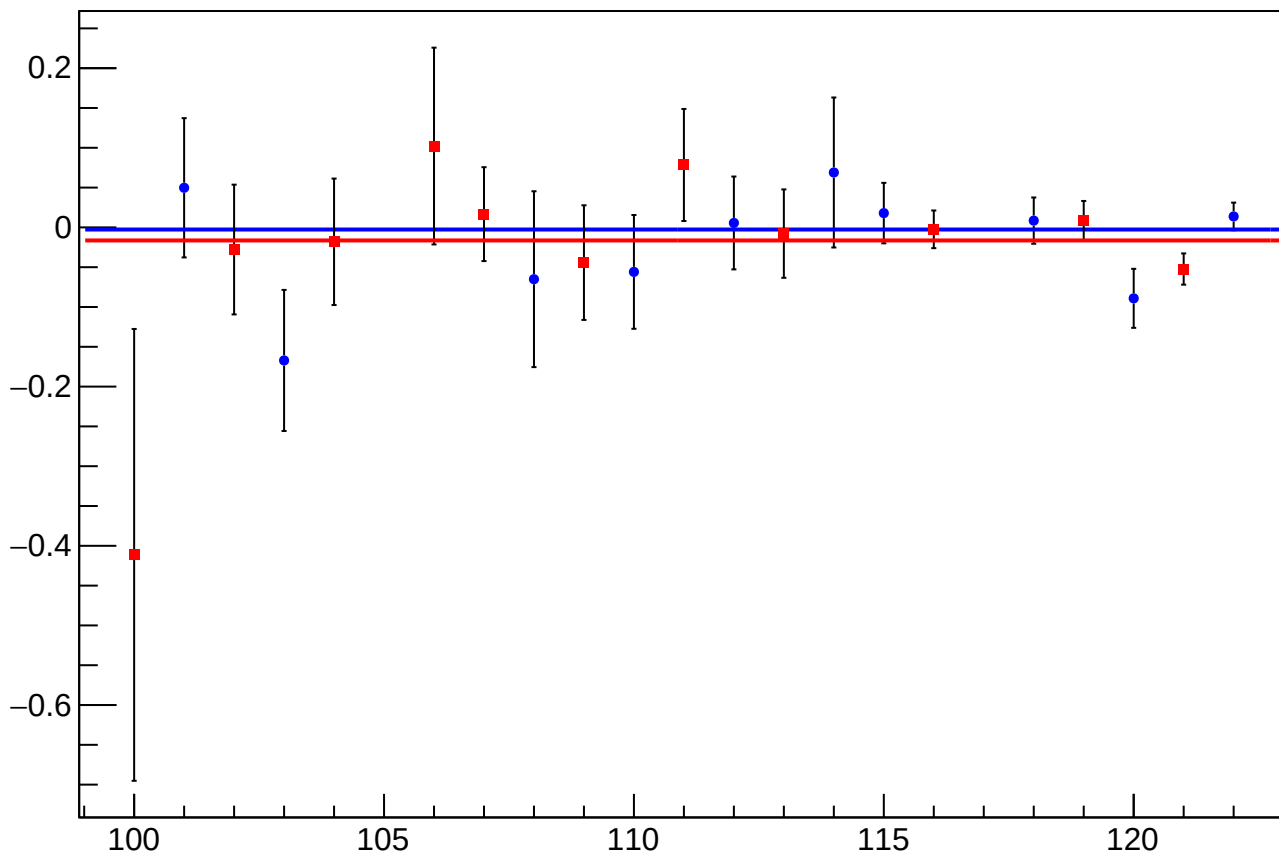
Right: 19.354+/-0.006 χ^2/NDF : 5517713.5/20

In: 19.182+/-0.009 χ^2/NDF : 2744844.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.354+/-0.006 χ^2/NDF : 5517713.5/20

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: -0.016+/-0.012 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

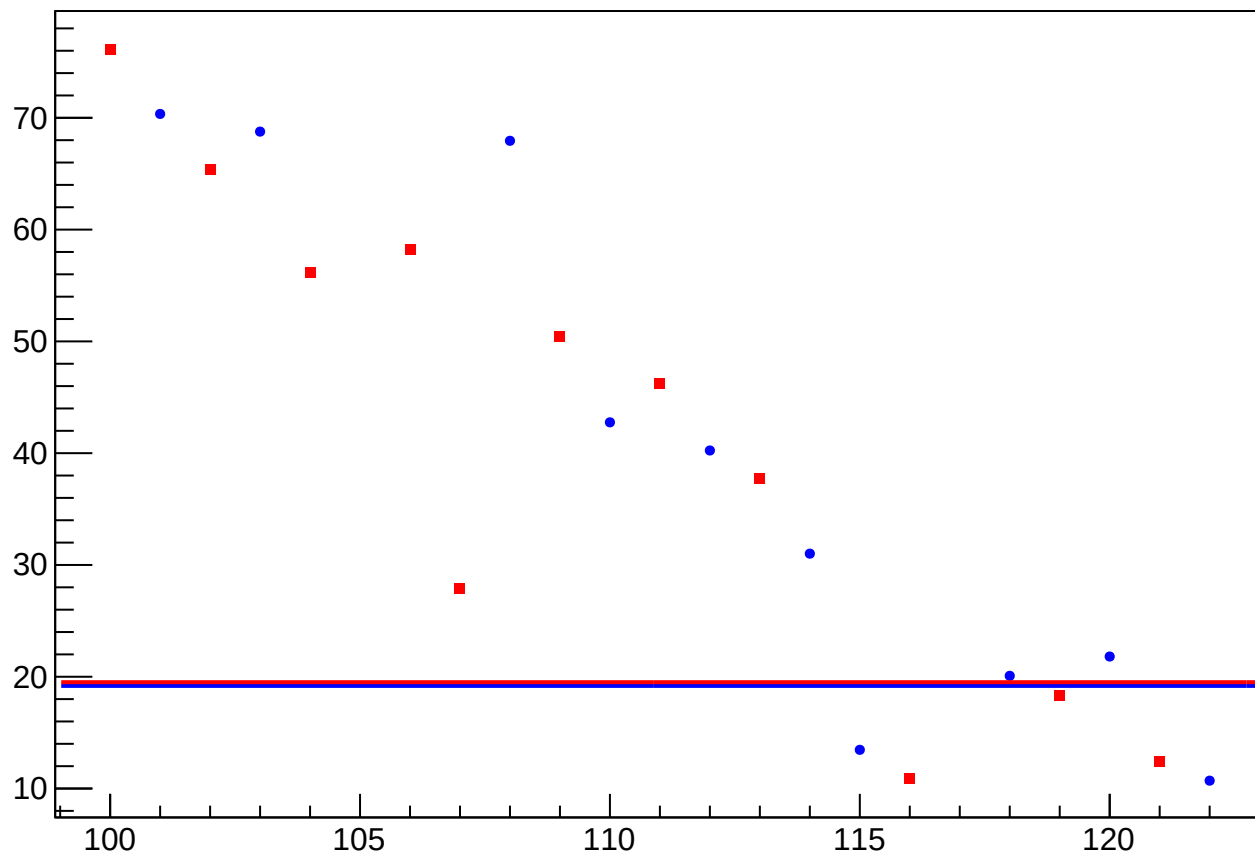
Right: -0.010+/-0.008 χ^2/NDF : 22.6/20

In: -0.003+/-0.012 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.008 χ^2/NDF : 22.6/20

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: 19.513+/-0.008 χ^2/NDF : 2772084.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

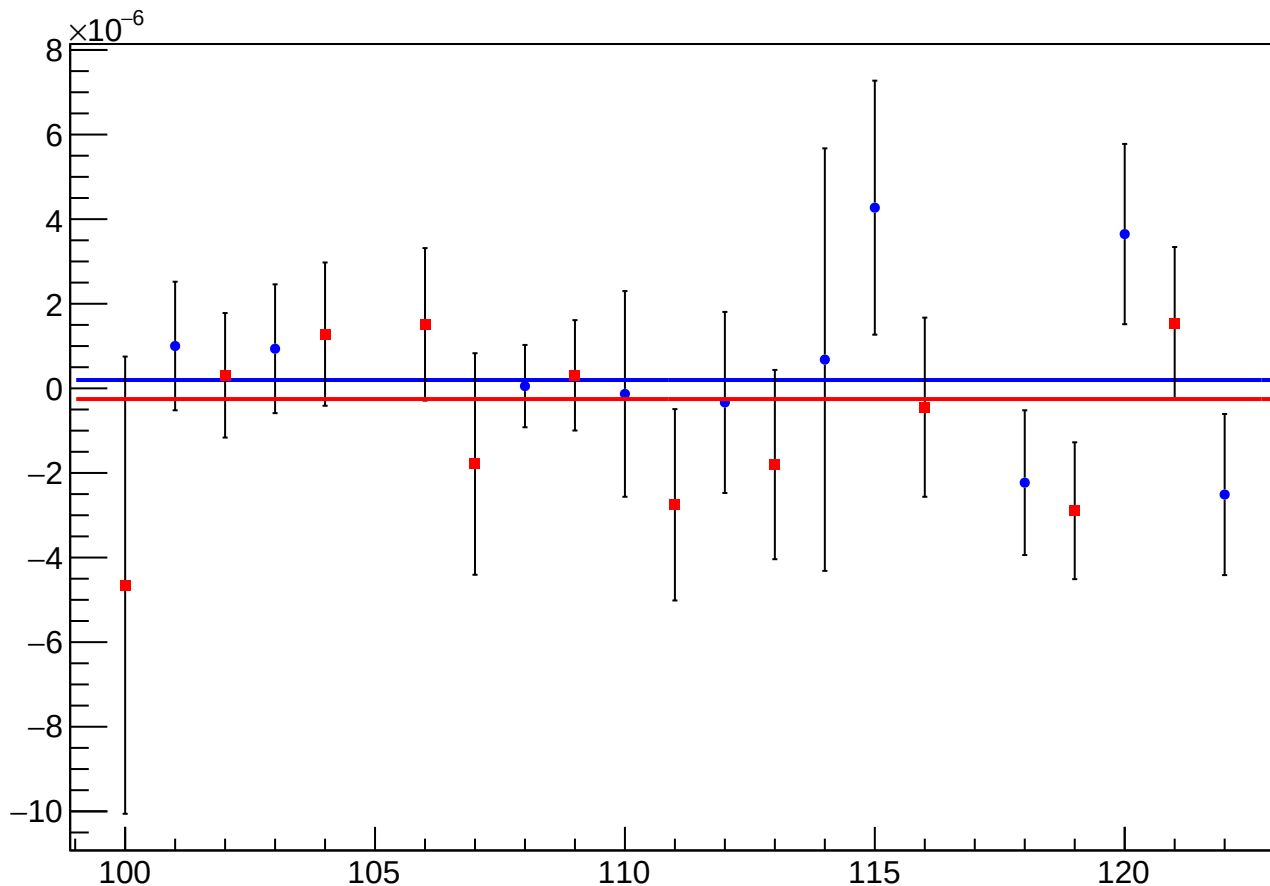
Right: 19.354+/-0.006 χ^2/NDF : 5517713.5/20

In: 19.182+/-0.009 χ^2/NDF : 2744844.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.354+/-0.006 χ^2/NDF : 5517713.5/20

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 : 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

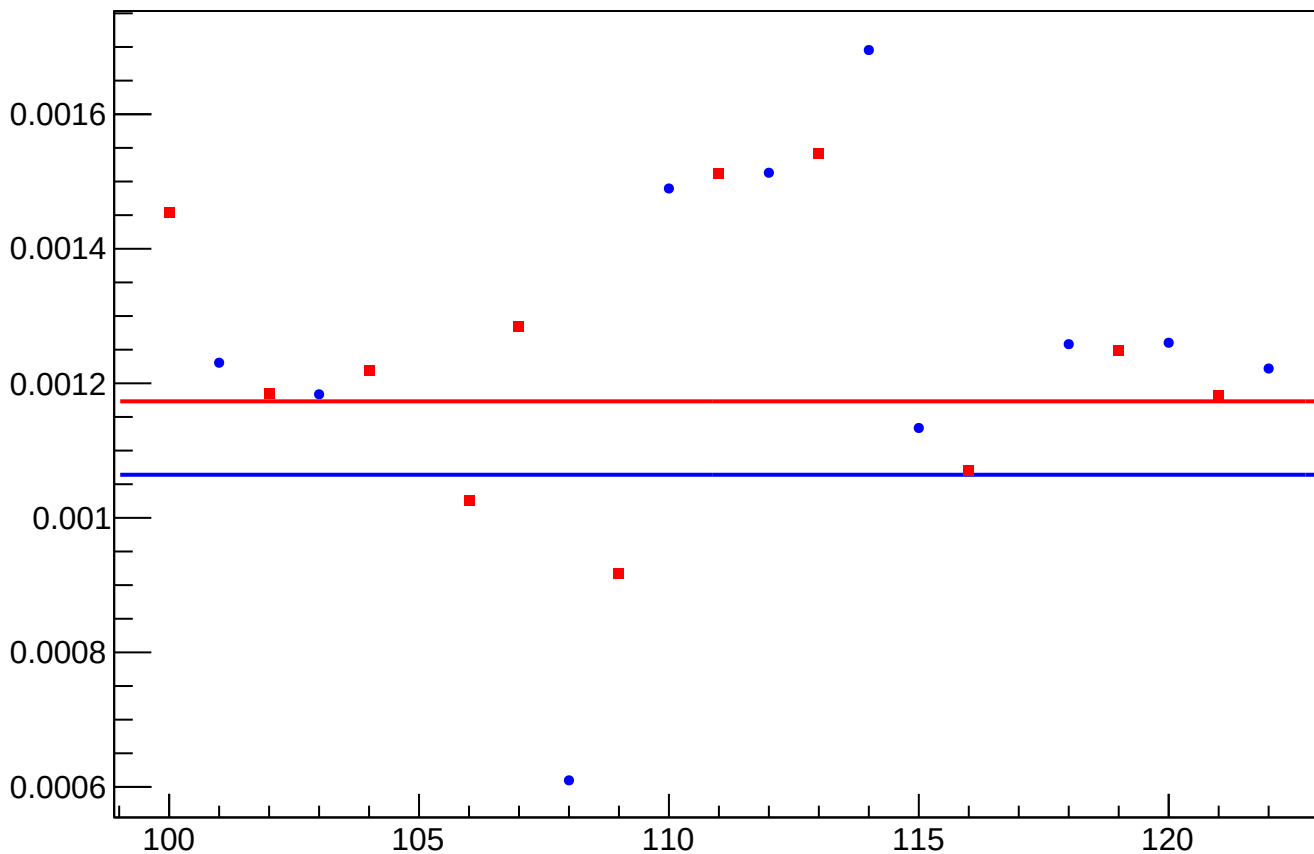
Right: -0.000+/-0.000 χ^2/NDF : 17.9/20

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 : 17.9/20

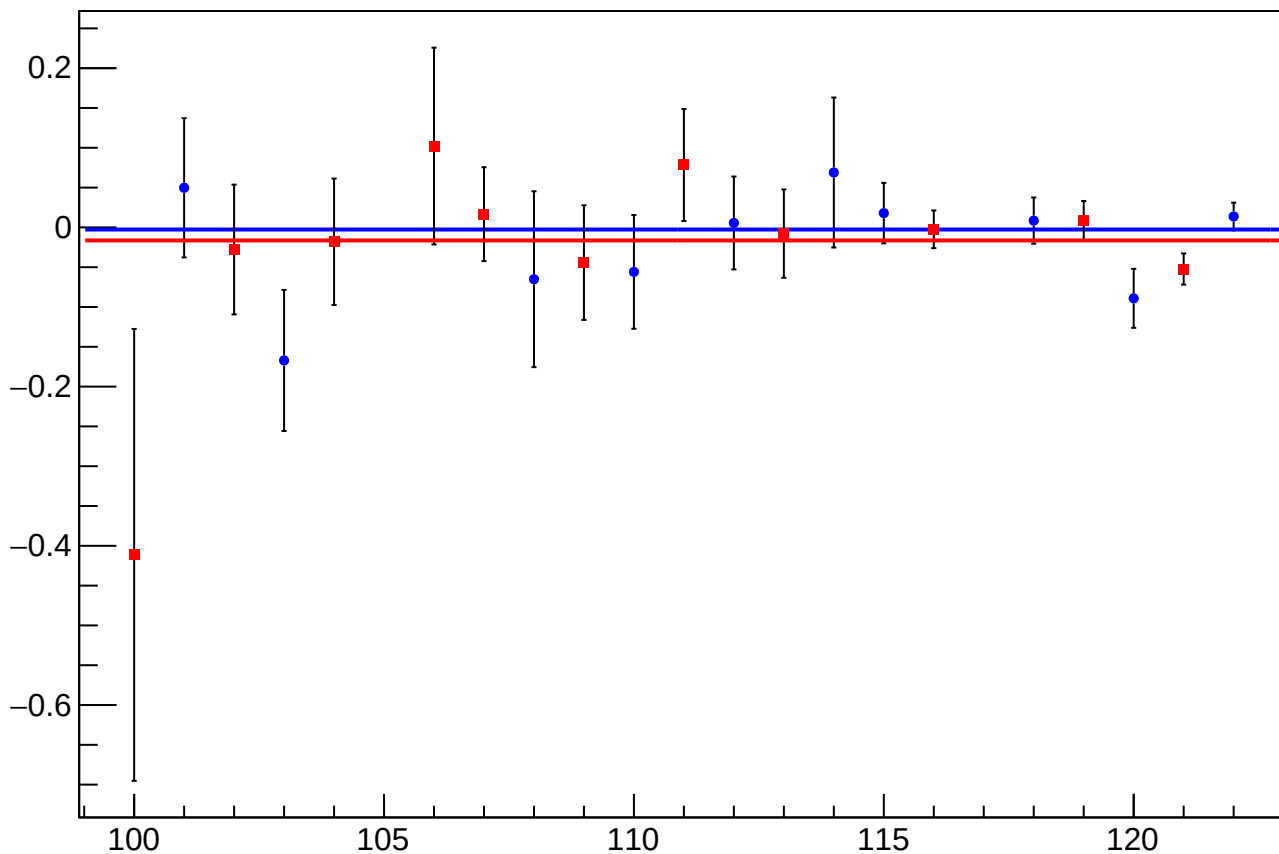
asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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 : 209354.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 959048.4/20
 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 : 959048.4/20

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: -0.016+/-0.012 χ^2/NDF : 9.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

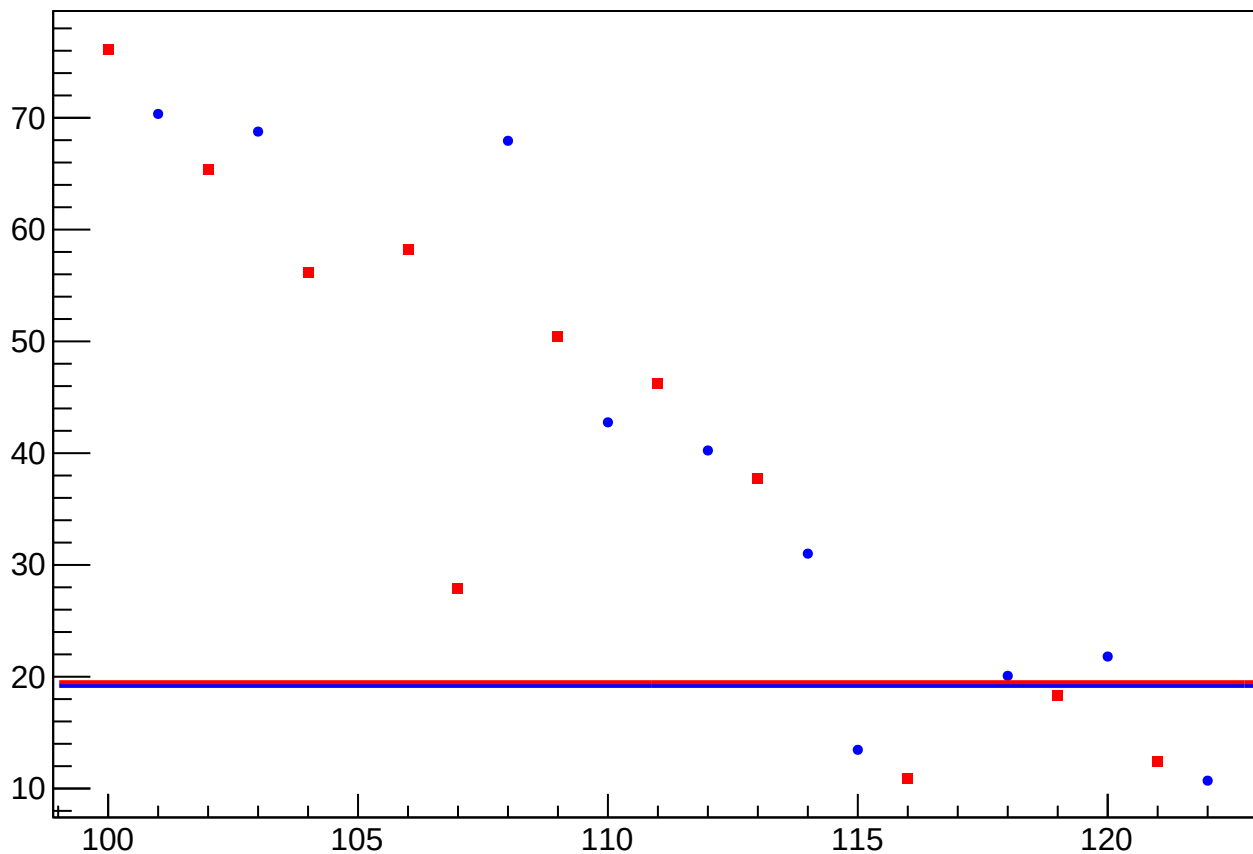
Right: -0.010+/-0.008 χ^2/NDF : 22.6/20

In: -0.003+/-0.012 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.008 χ^2/NDF : 22.6/20

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: 19.513+/-0.008 χ^2/NDF : 2772121.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

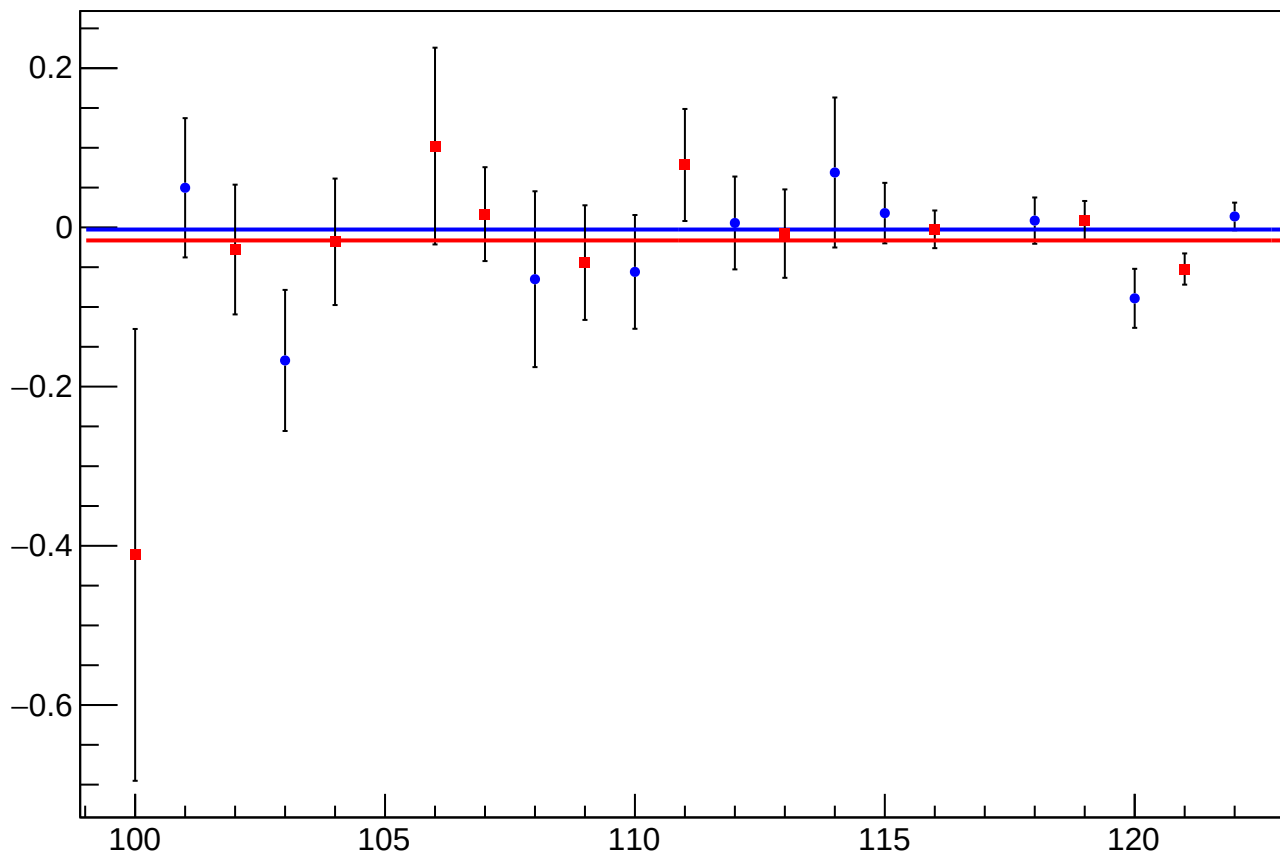
Right: 19.353+/-0.006 χ^2/NDF : 5517858.5/20

In: 19.181+/-0.009 χ^2/NDF : 2744949.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.353+/-0.006 χ^2/NDF : 5517858.5/20

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: -0.016+/-0.012 χ^2 /NDF: 9.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

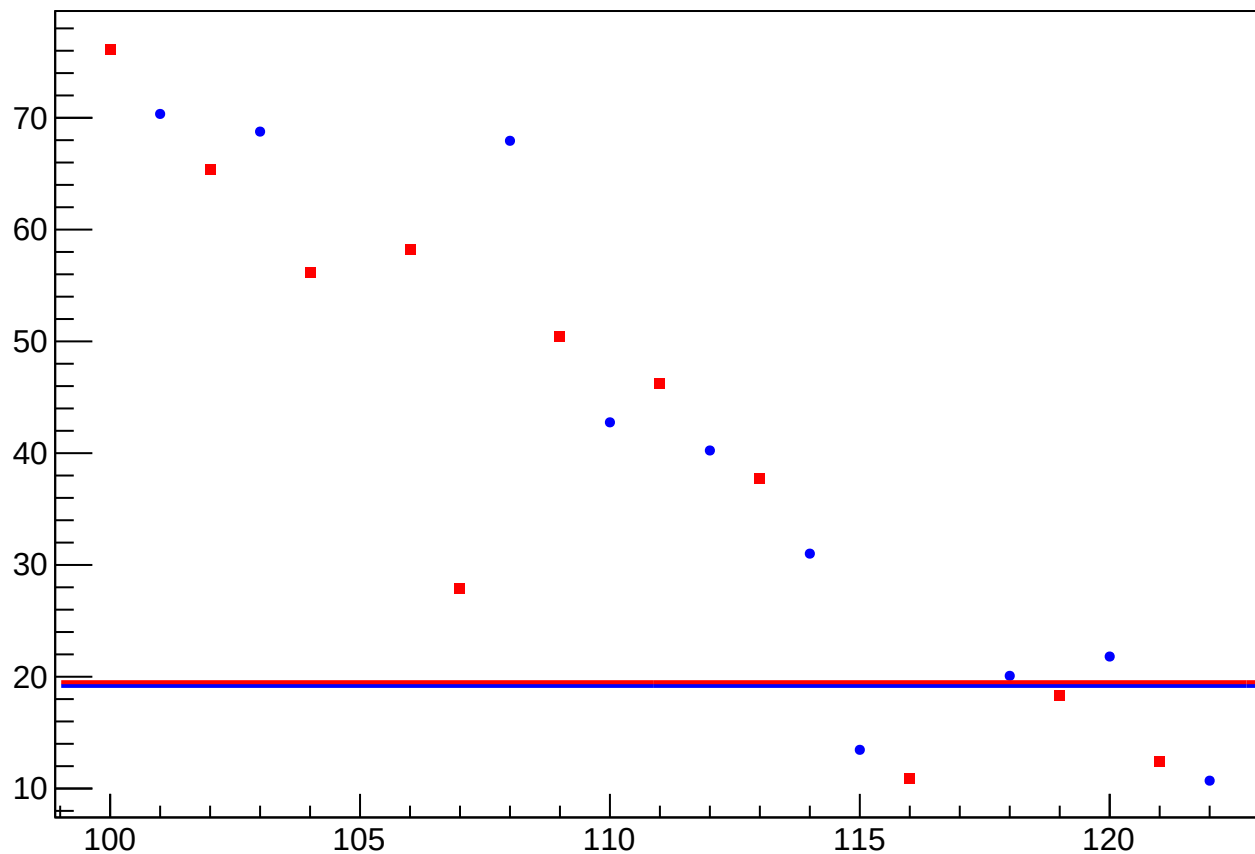
Right: -0.010+/-0.008 χ^2 /NDF: 22.6/20

In: -0.003+/-0.012 χ^2 /NDF:12.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.010+/-0.008 χ^2 /NDF: 22.6/20

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: 19.513+/-0.008 χ^2/NDF : 2772121.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

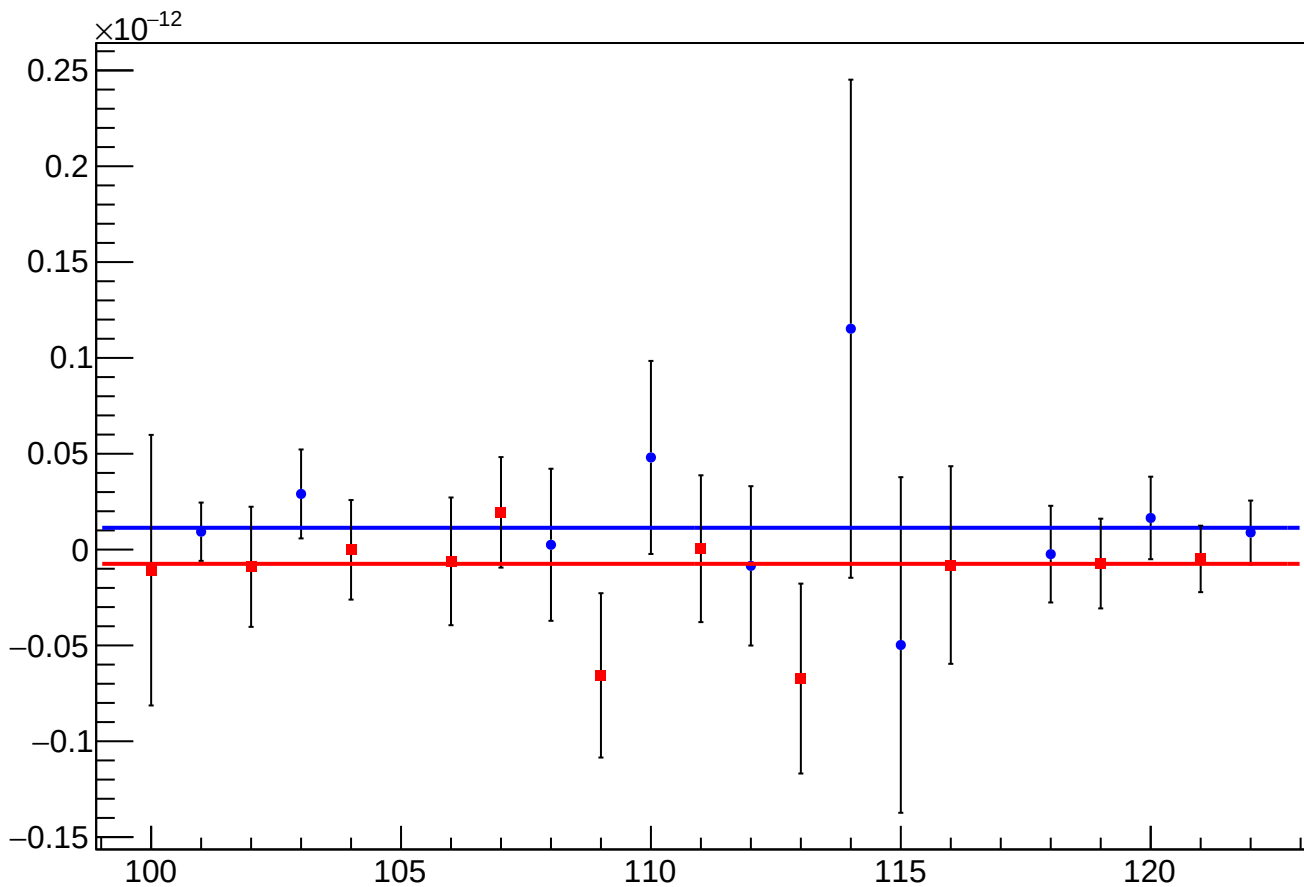
Right: 19.353+/-0.006 χ^2/NDF : 5517858.5/20

In: 19.181+/-0.009 χ^2/NDF : 2744949.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.353+/-0.006 χ^2/NDF : 5517858.5/20

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 : 4.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

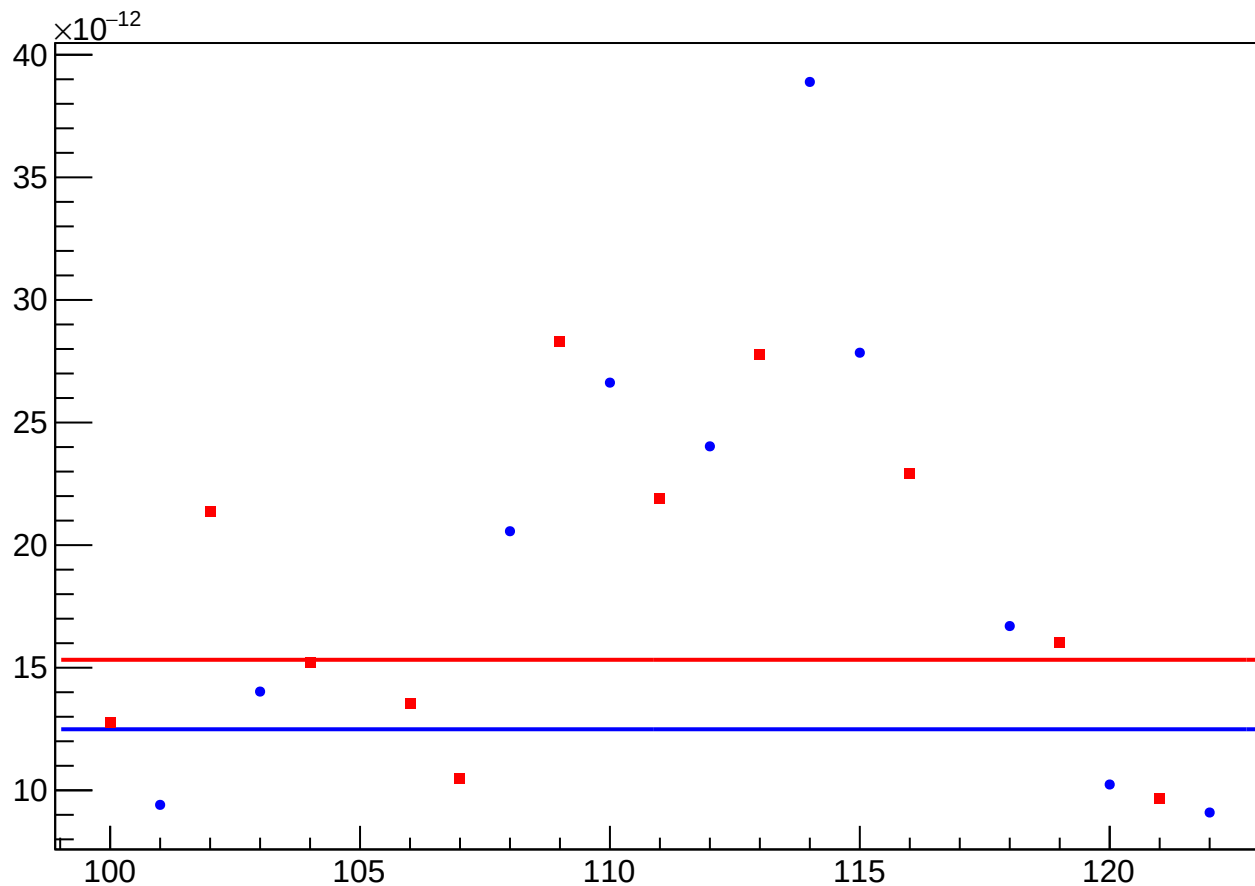
Right: 0.000+/-0.000 χ^2/NDF : 9.6/20

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 : 9.6/20

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 : 767205.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

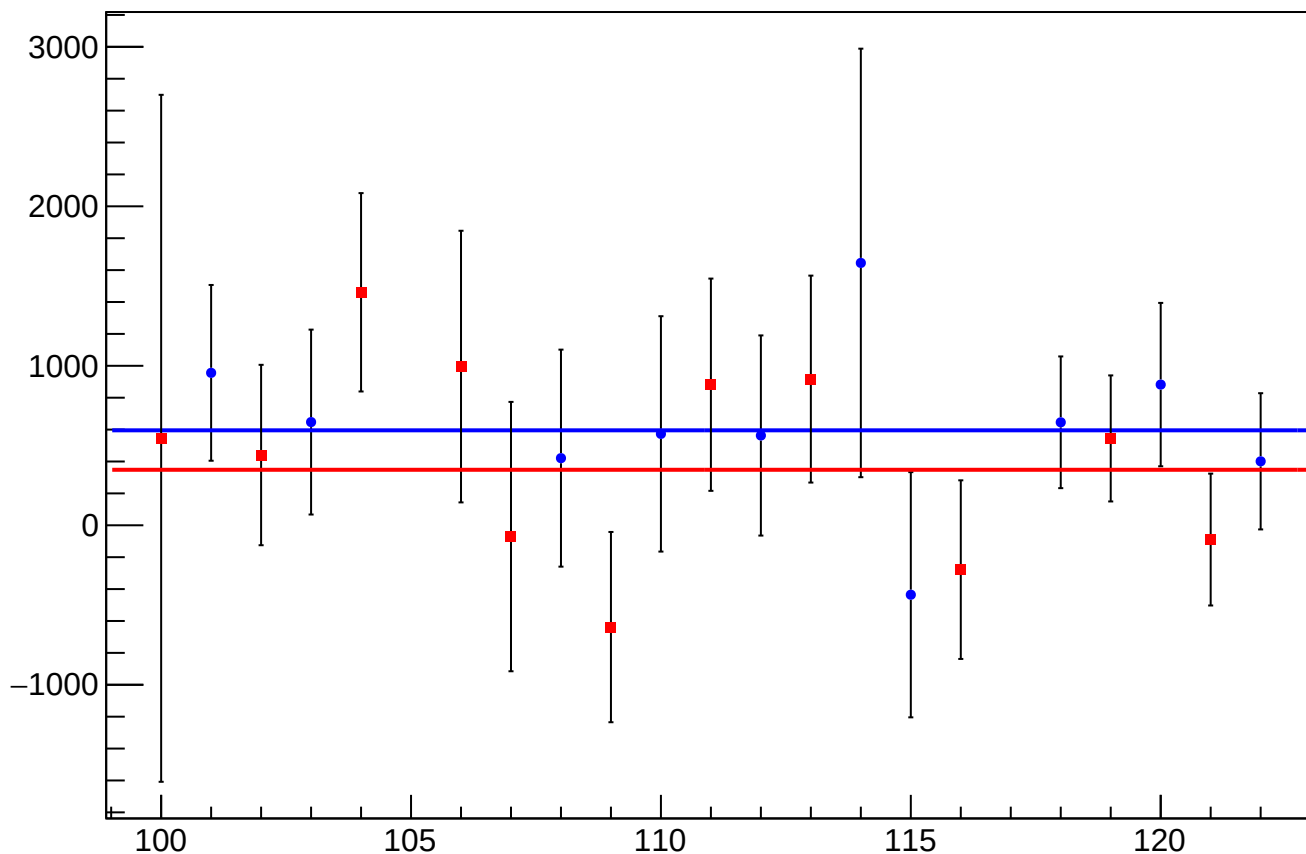
Right: 0.000+/-0.000 χ^2/NDF : 1665648.1/20

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 : 1665648.1/20

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: 348.039+/-177.904 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

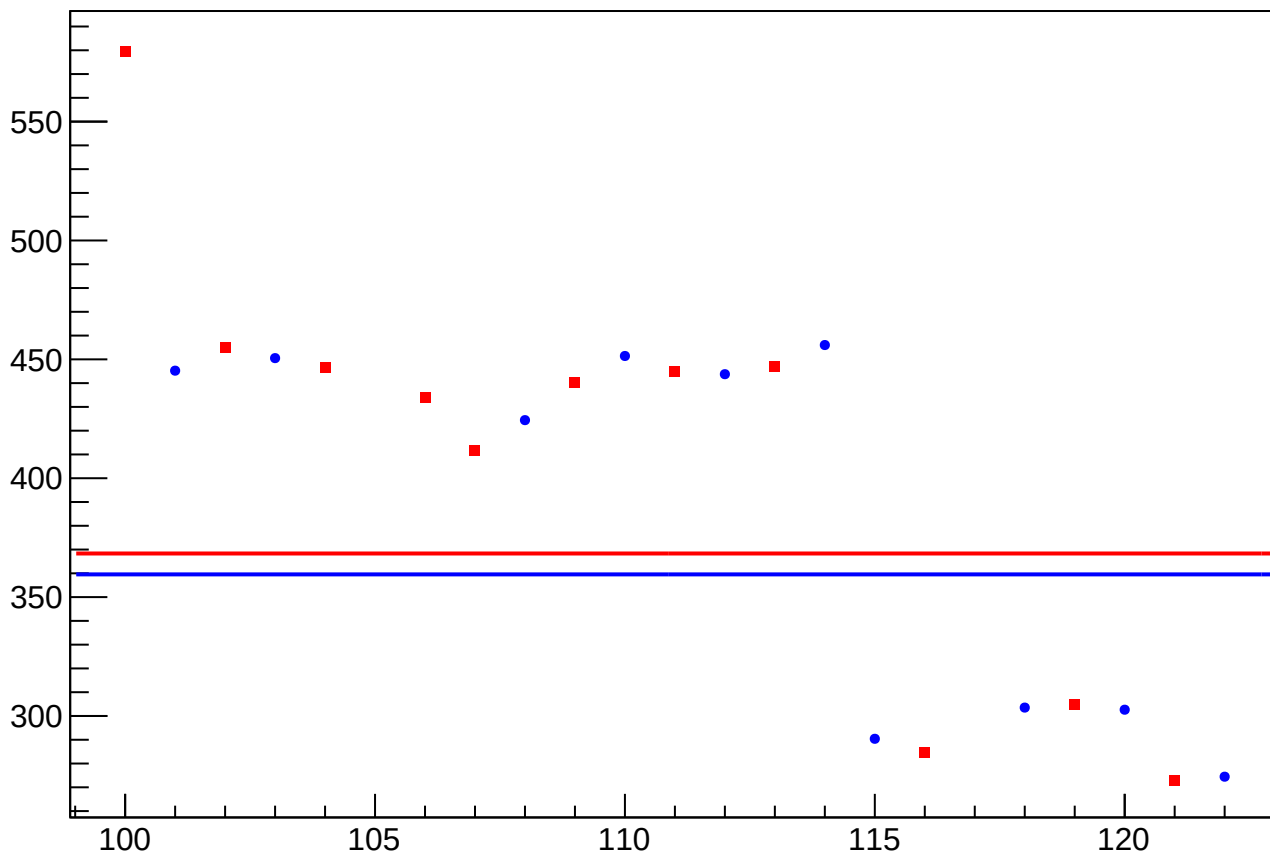
Right: 468.970+/-127.199 χ^2/NDF : 15.2/20

In: 595.447+/-181.938 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.970+/-127.199 χ^2/NDF : 15.2/20

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: 368.345+/-0.126 χ^2/NDF : 402664.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

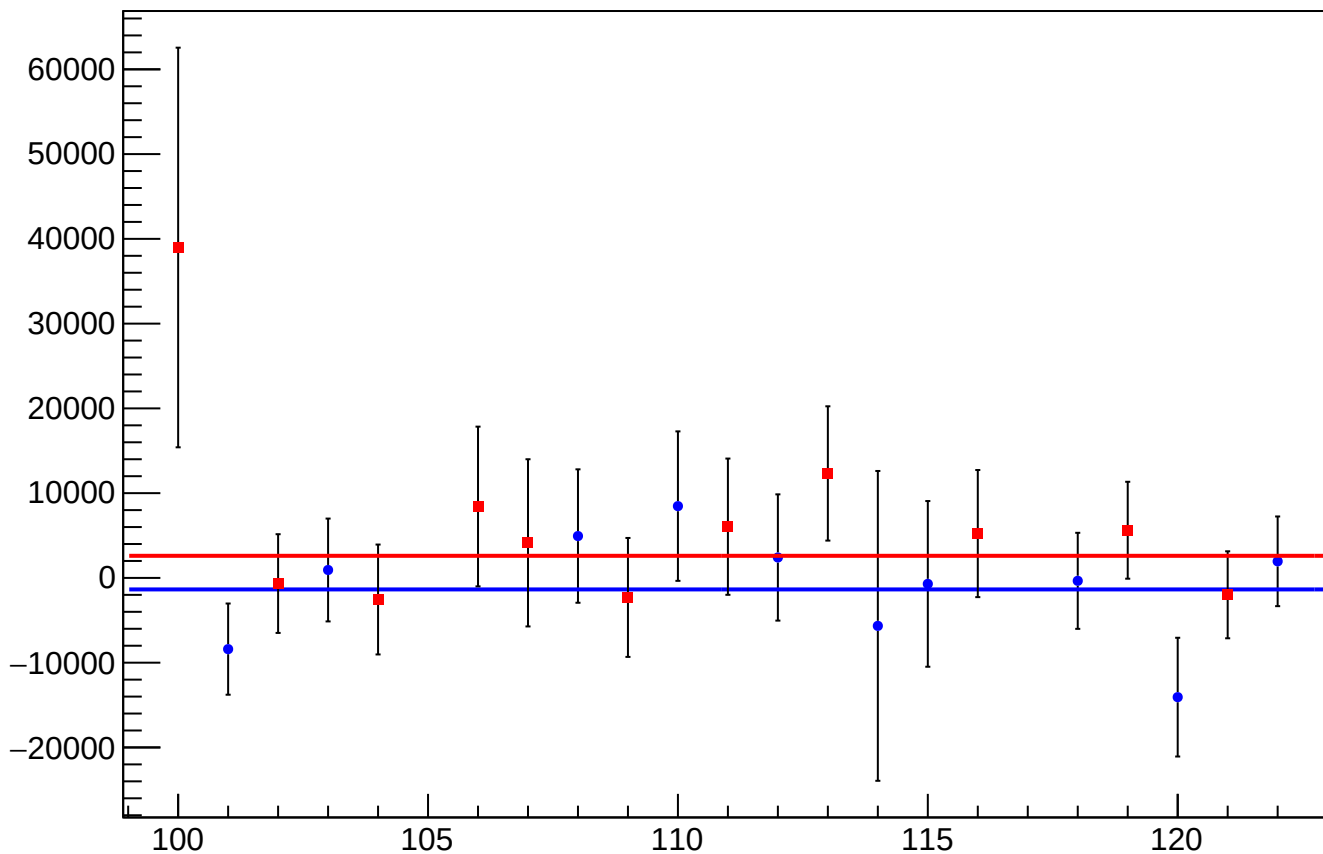
Right: 364.049+/-0.090 χ^2/NDF : 755259.3/20

In: 359.556+/-0.129 χ^2/NDF : 350208.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.049+/-0.090 χ^2/NDF : 755259.3/20

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: 2608.524+/-2158.096 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

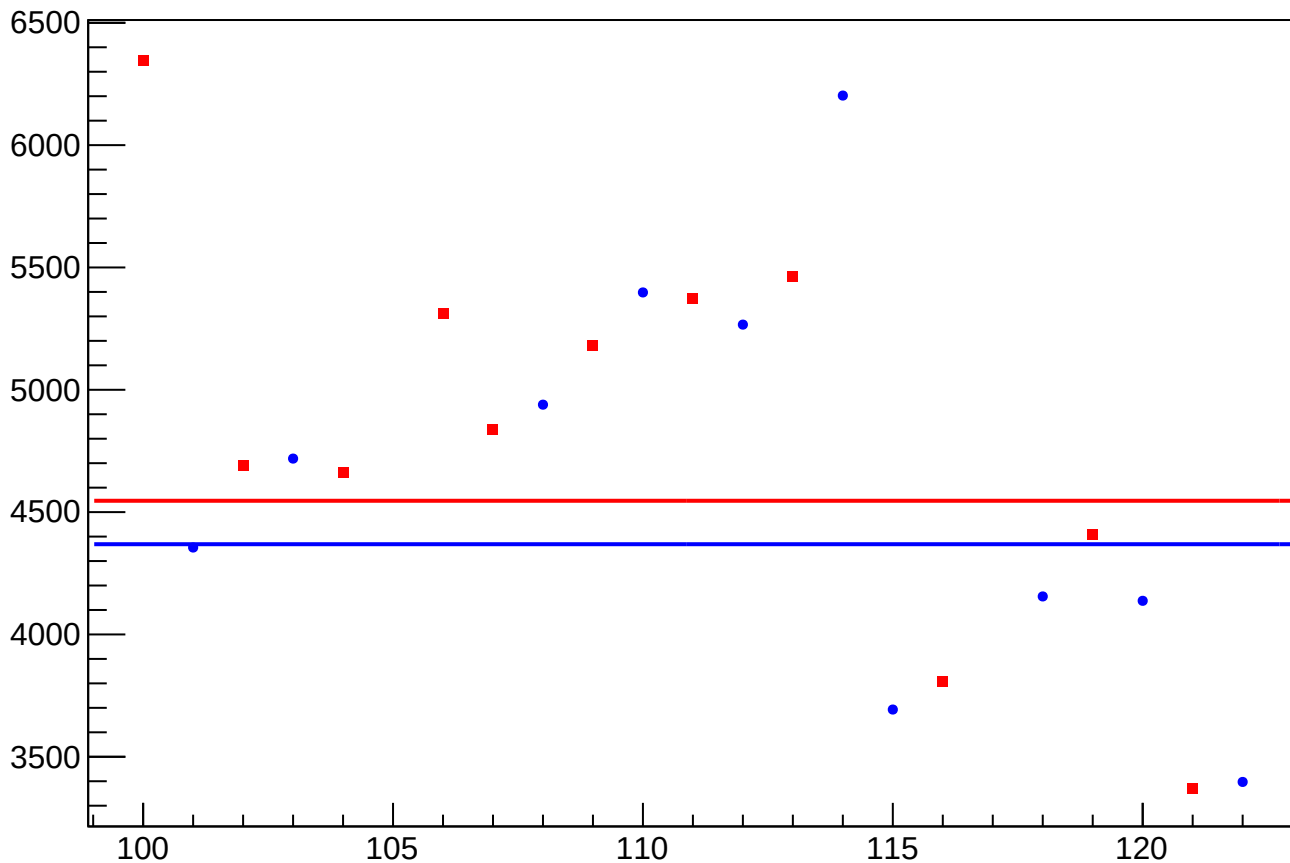
Right: 649.875+/-1535.374 χ^2/NDF : 16.6/20

In: -1357.628+/-2184.845 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.875+/-1535.374 χ^2/NDF : 16.6/20

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: 4546.396+/-1.526 χ^2/NDF : 218435.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

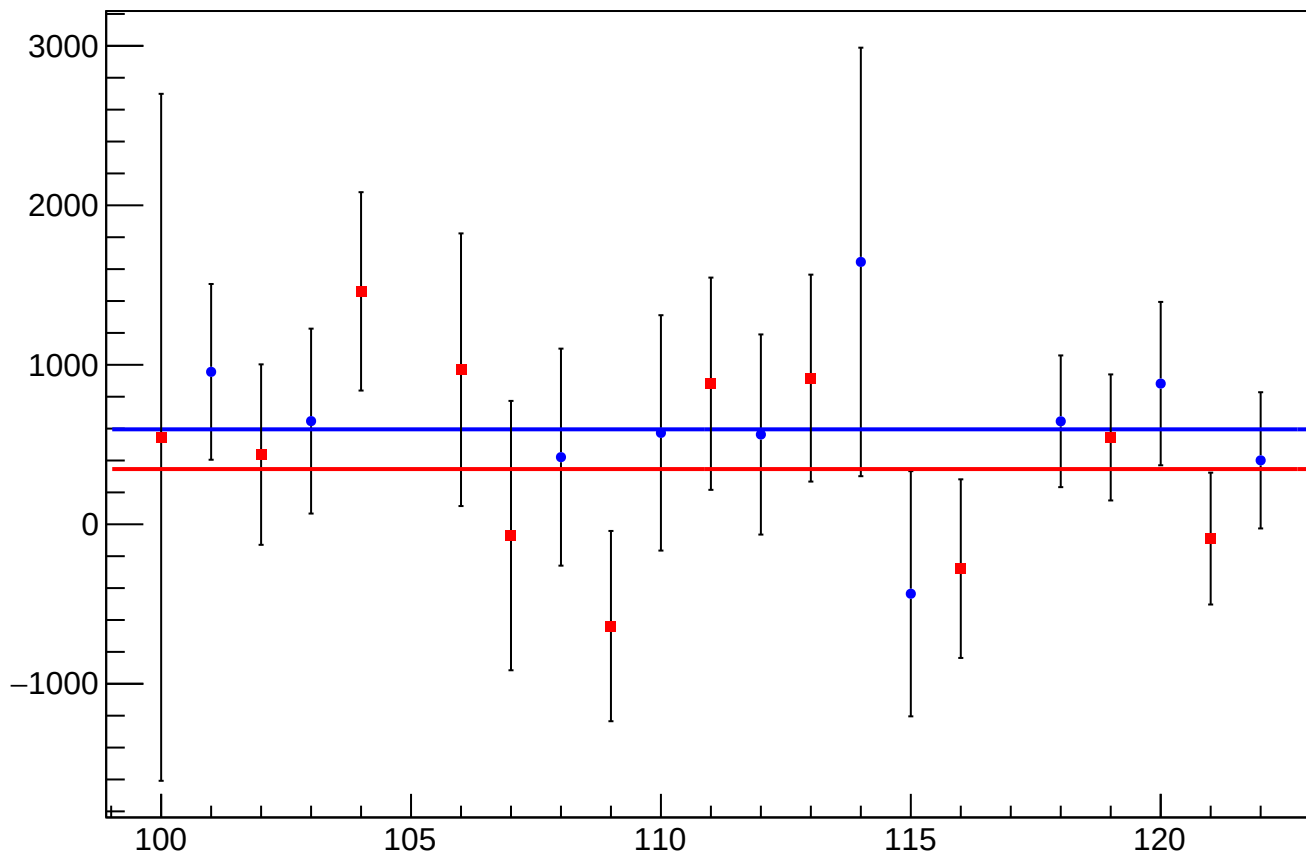
Right: 4458.704+/-1.086 χ^2/NDF : 400781.6/20

In: 4368.825+/-1.545 χ^2/NDF : 175659.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4458.704+/-1.086 χ^2/NDF : 400781.6/20

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: 346.319 $\pm$ 177.941 χ^2 /NDF: 10.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

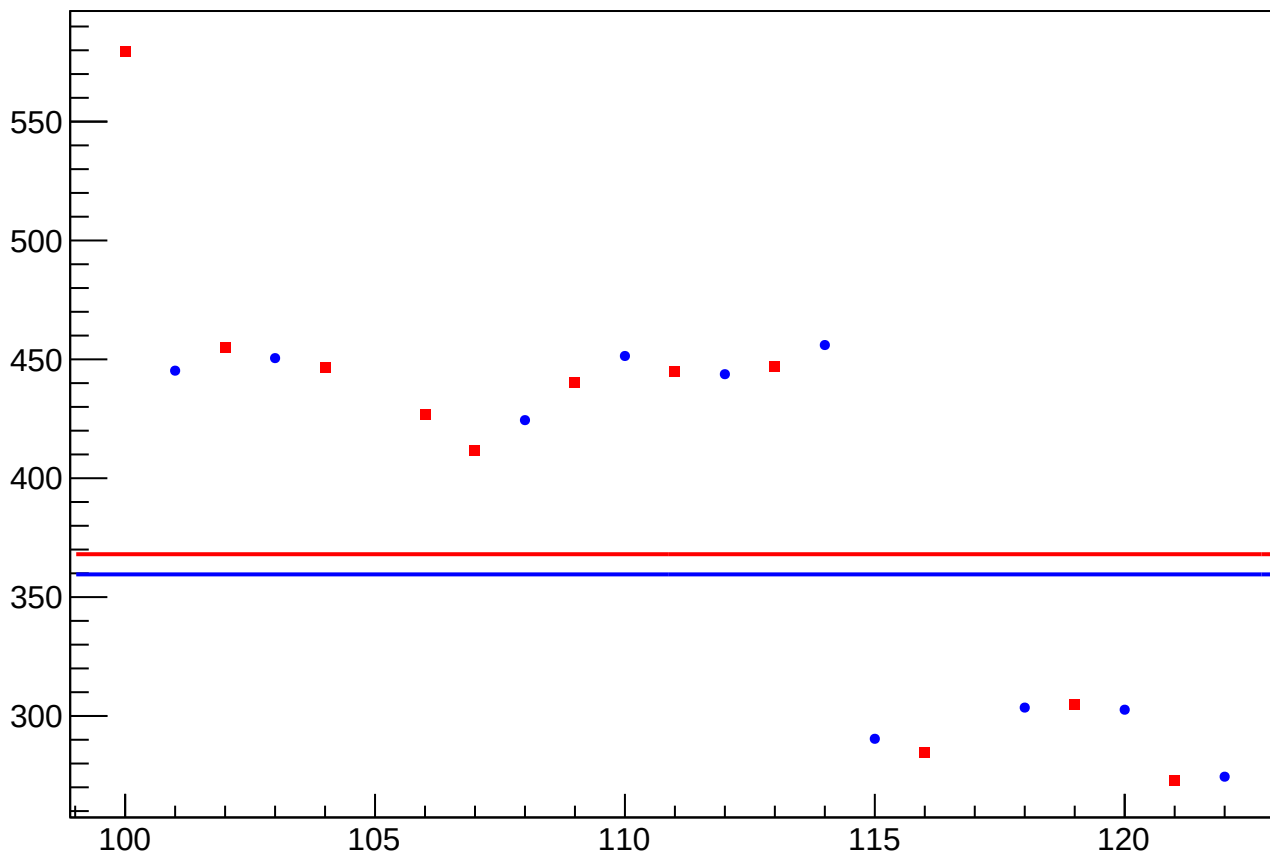
Right: 468.114 $\pm$ 127.213 χ^2 /NDF: 15.2/20

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: 468.114 $\pm$ 127.213 χ^2 /NDF: 15.2/20

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: 368.040+/-0.126 χ^2/NDF : 400426.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

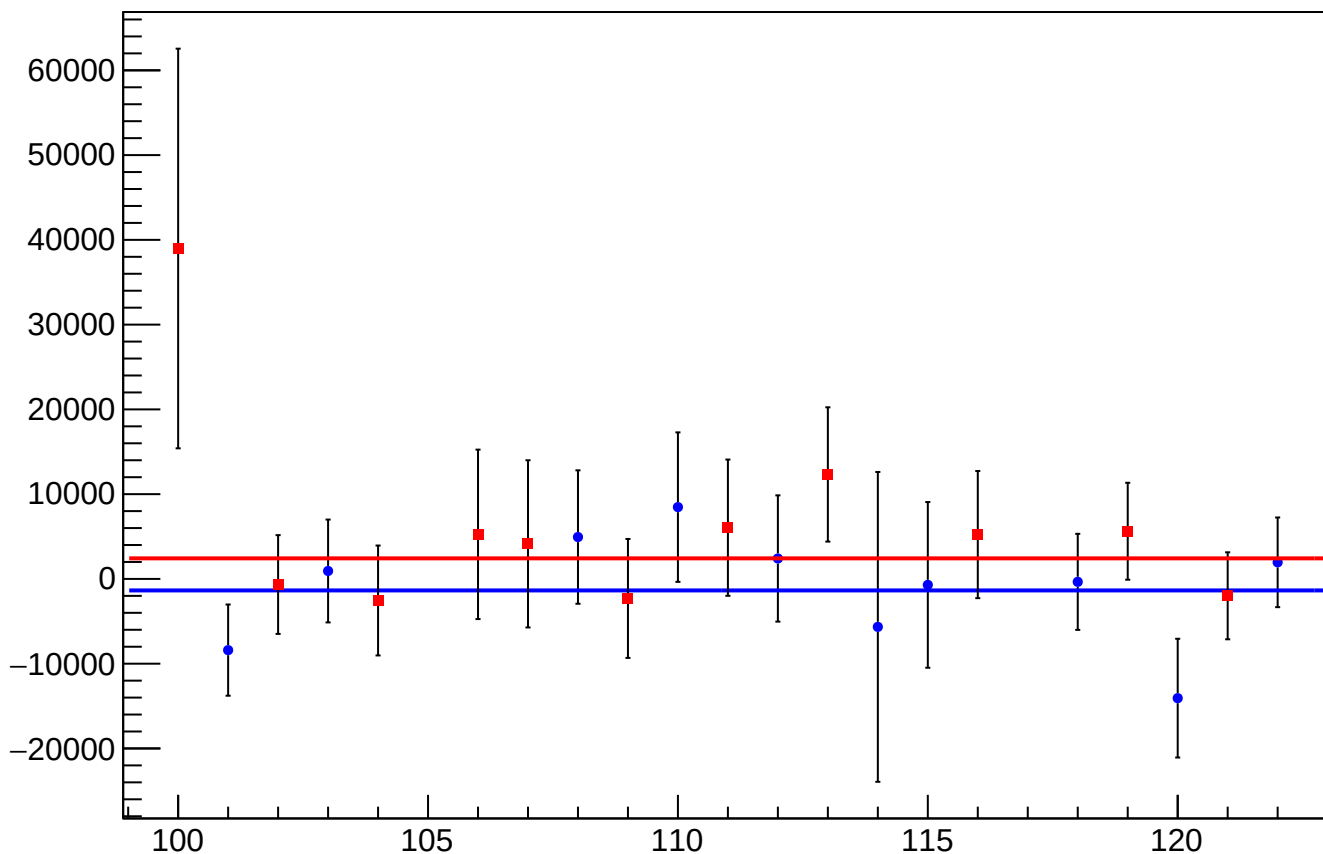
Right: 363.892+/-0.090 χ^2/NDF : 752858.6/20

In: 359.556+/-0.129 χ^2/NDF : 350209.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.892+/-0.090 χ^2/NDF : 752858.6/20

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: 2427.212+/-2164.591 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

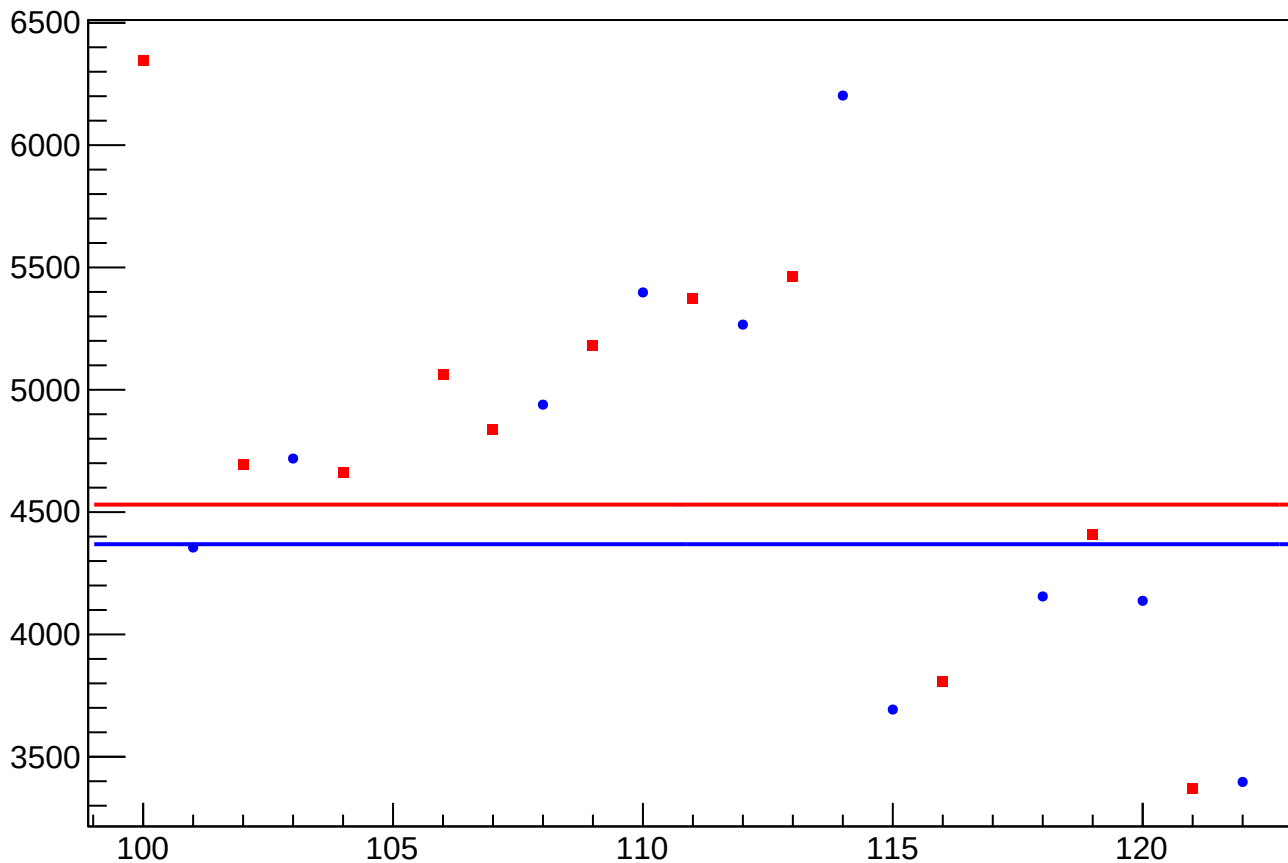
Right: 552.539+/-1537.712 χ^2/NDF : 16.1/20

In: -1357.400+/-2184.856 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.539+/-1537.712 χ^2/NDF : 16.1/20

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: 4530.685+/-1.531 χ^2/NDF : 210595.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

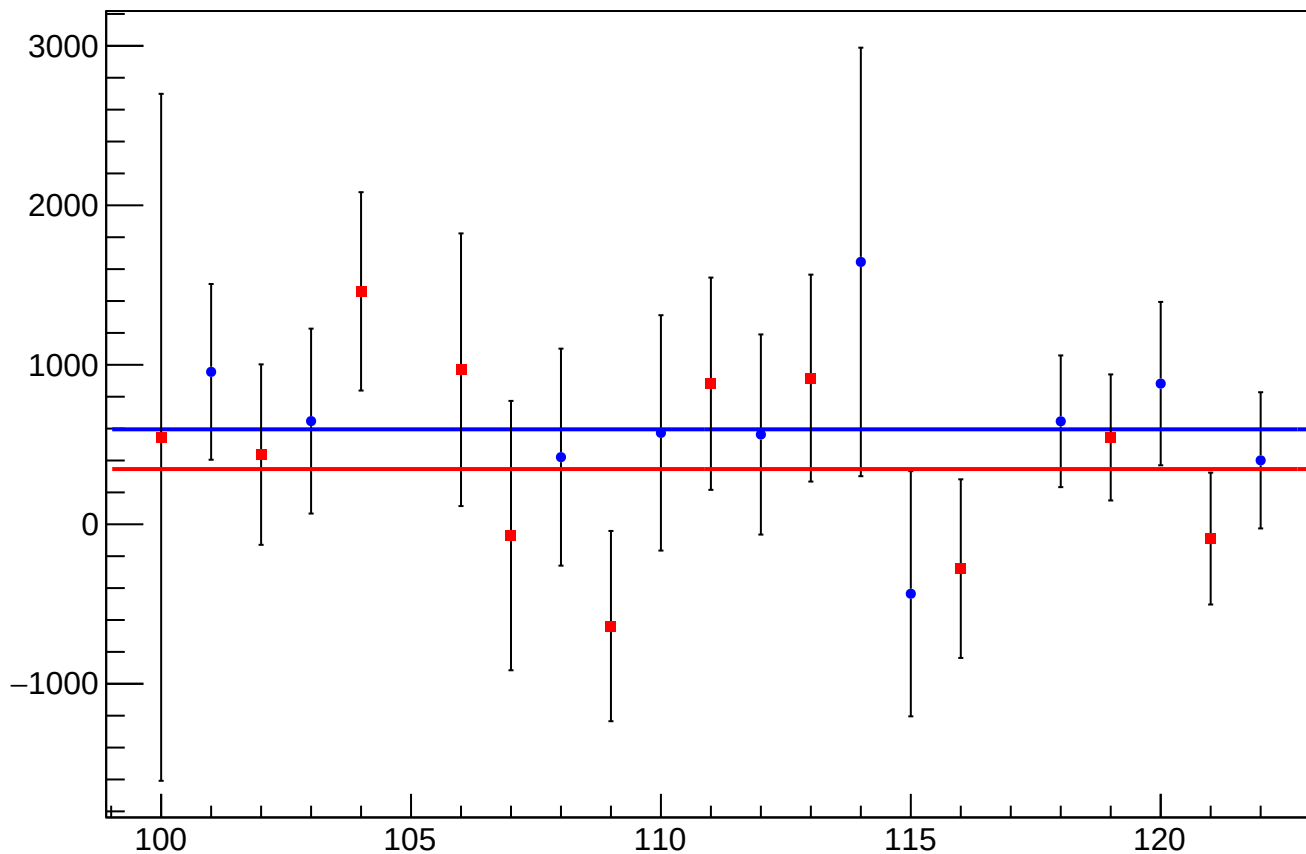
Right: 4450.519+/-1.087 χ^2/NDF : 391799.1/20

In: 4368.844+/-1.545 χ^2/NDF : 175665.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4450.519+/-1.087 χ^2/NDF : 391799.1/20

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: 346.319 $\pm$ 177.941 χ^2 /NDF: 10.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

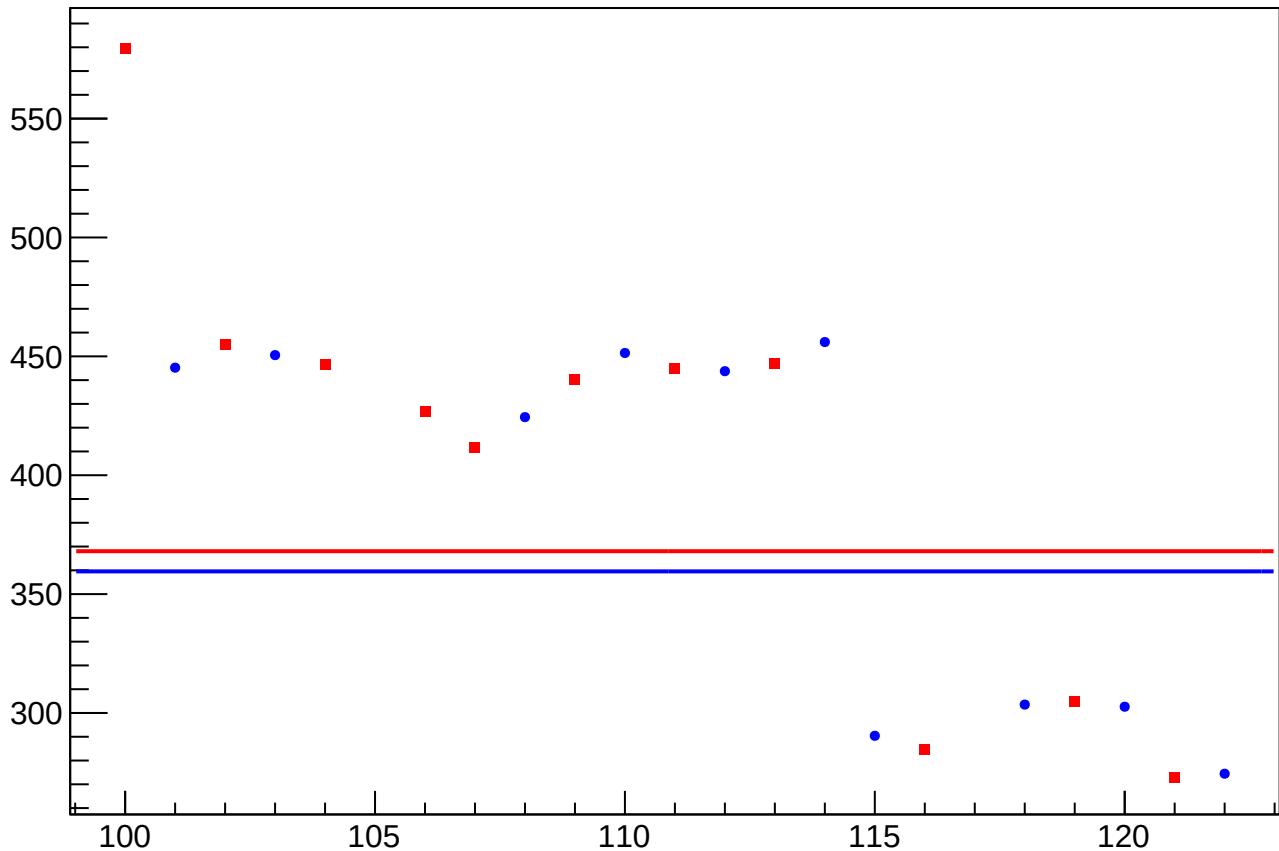
Right: 468.114 $\pm$ 127.213 χ^2 /NDF: 15.2/20

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: 468.114 $\pm$ 127.213 χ^2 /NDF: 15.2/20

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: 368.040+/-0.126 χ^2/NDF : 400426.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

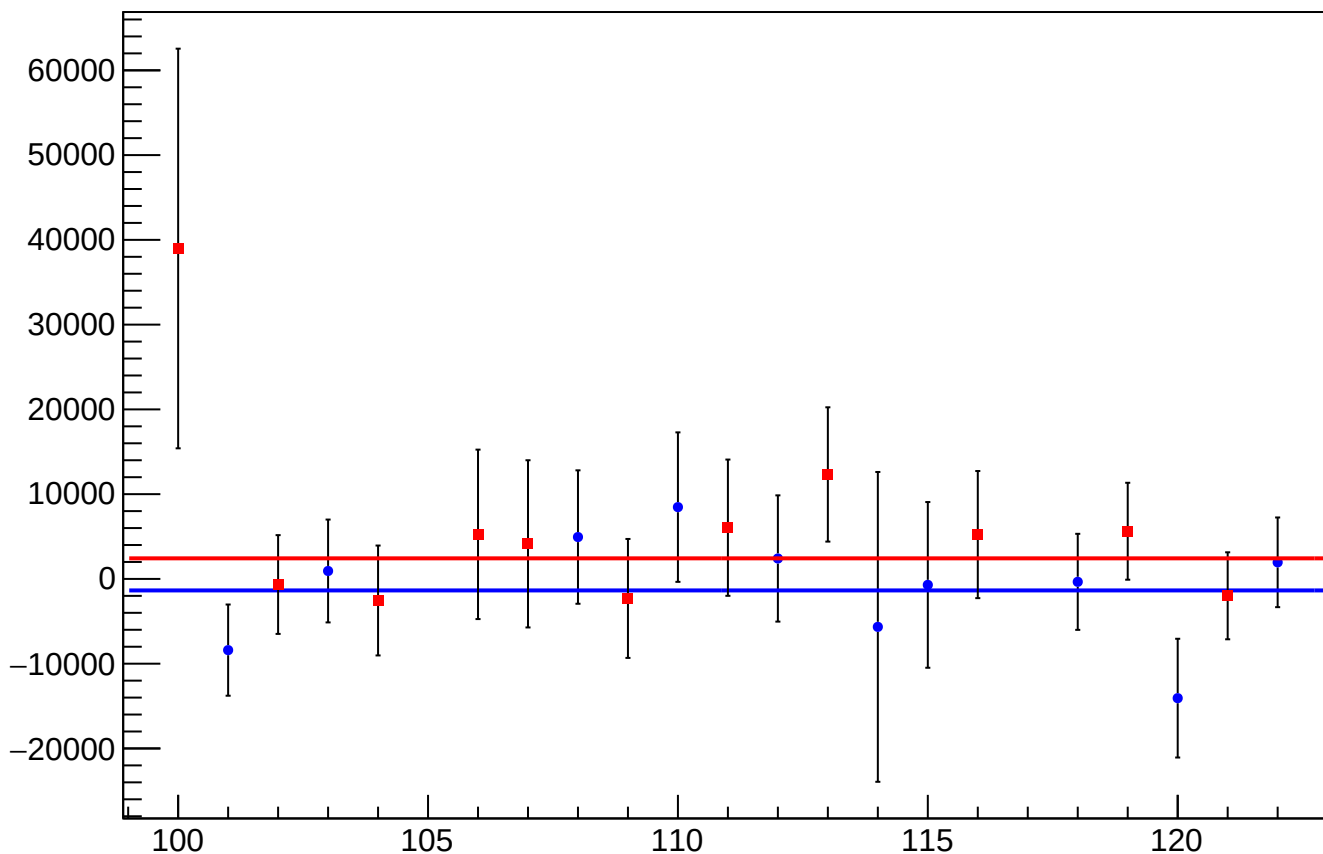
Right: 363.892+/-0.090 χ^2/NDF : 752858.6/20

In: 359.556+/-0.129 χ^2/NDF : 350209.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.892+/-0.090 χ^2/NDF : 752858.6/20

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: 2427.212+/-2164.591 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

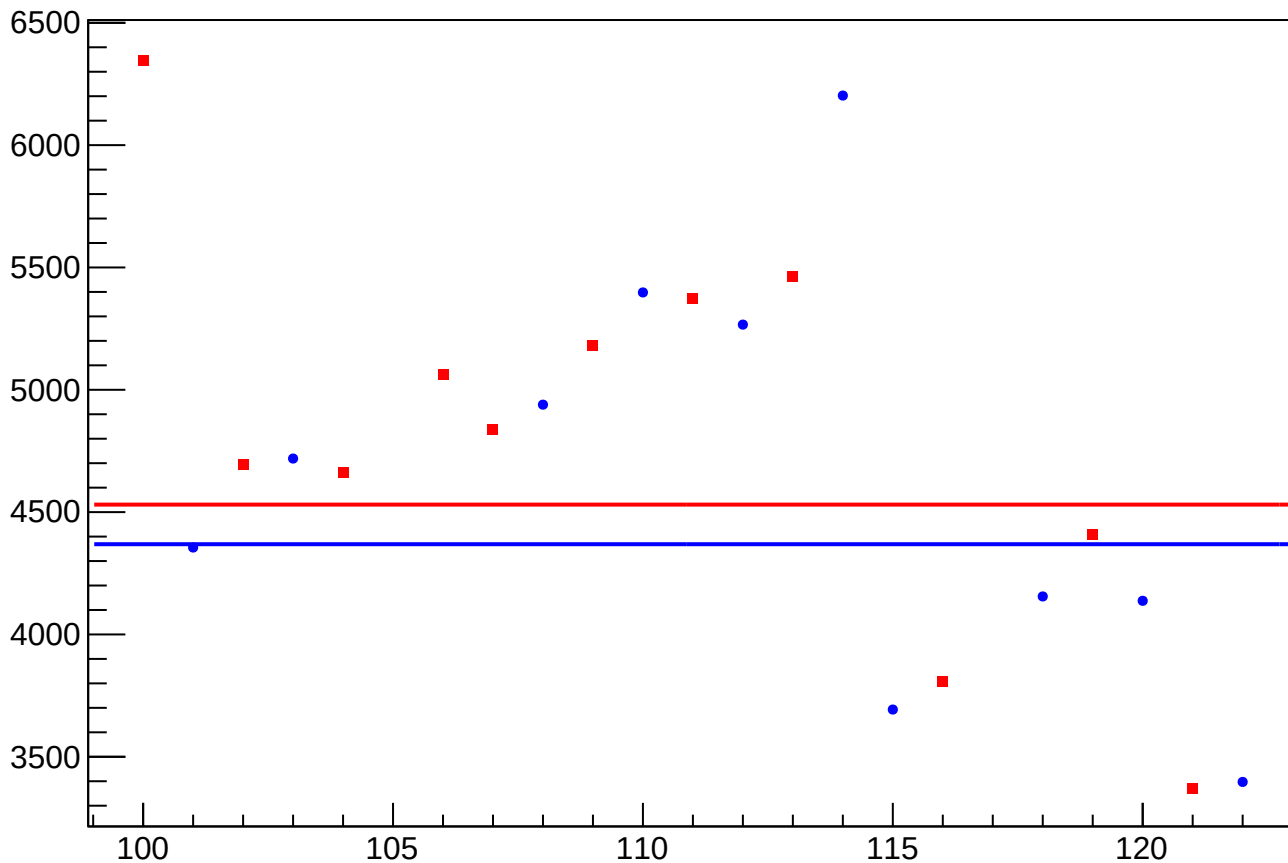
Right: 552.539+/-1537.712 χ^2/NDF : 16.1/20

In: -1357.400+/-2184.856 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.539+/-1537.712 χ^2/NDF : 16.1/20

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: 4530.685+/-1.531 χ^2/NDF : 210595.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

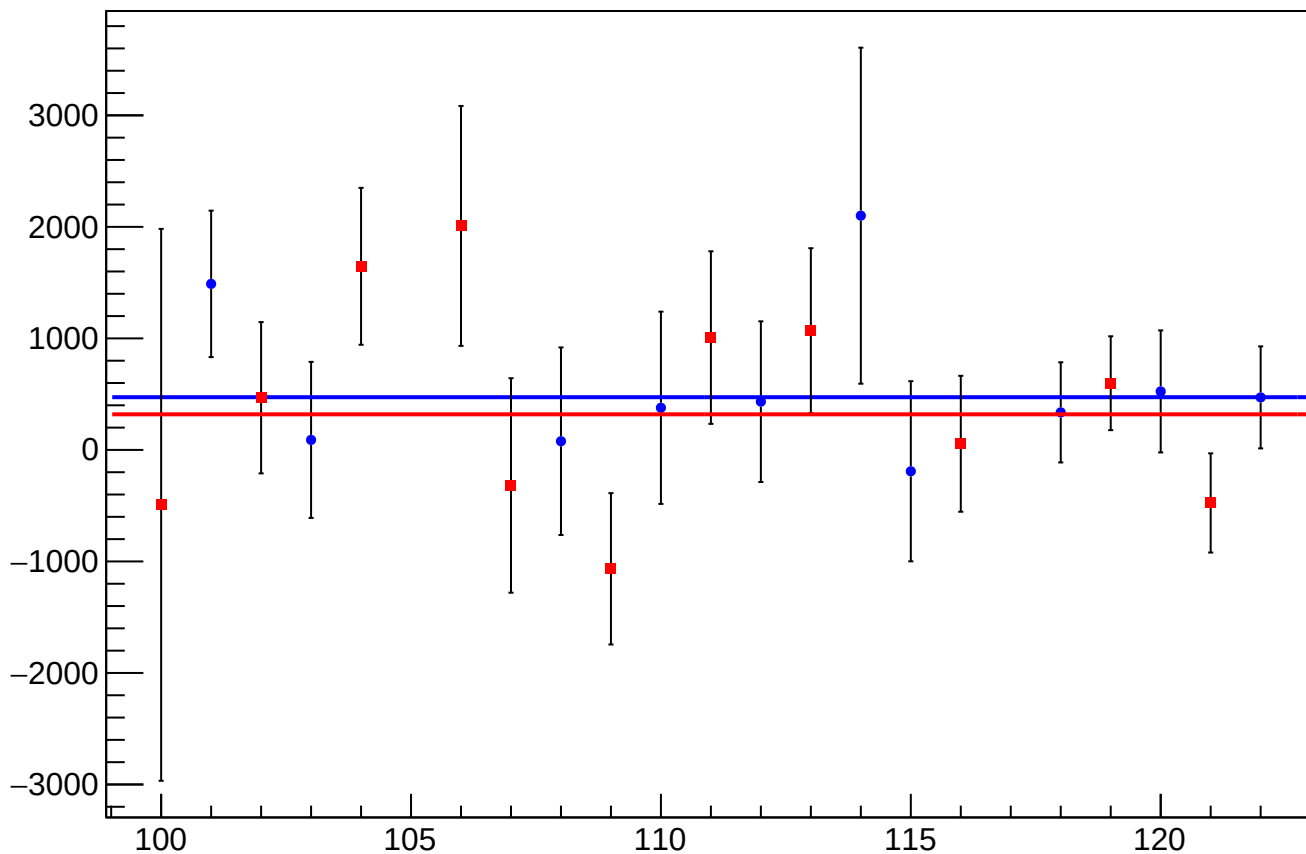
Right: 4450.519+/-1.087 χ^2/NDF : 391799.1/20

In: 4368.844+/-1.545 χ^2/NDF : 175665.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4450.519+/-1.087 χ^2/NDF : 391799.1/20

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 472.724 $\pm$ 203.701 χ^2 /NDF: 4.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 319.147 $\pm$ 198.533 χ^2 /NDF: 16.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

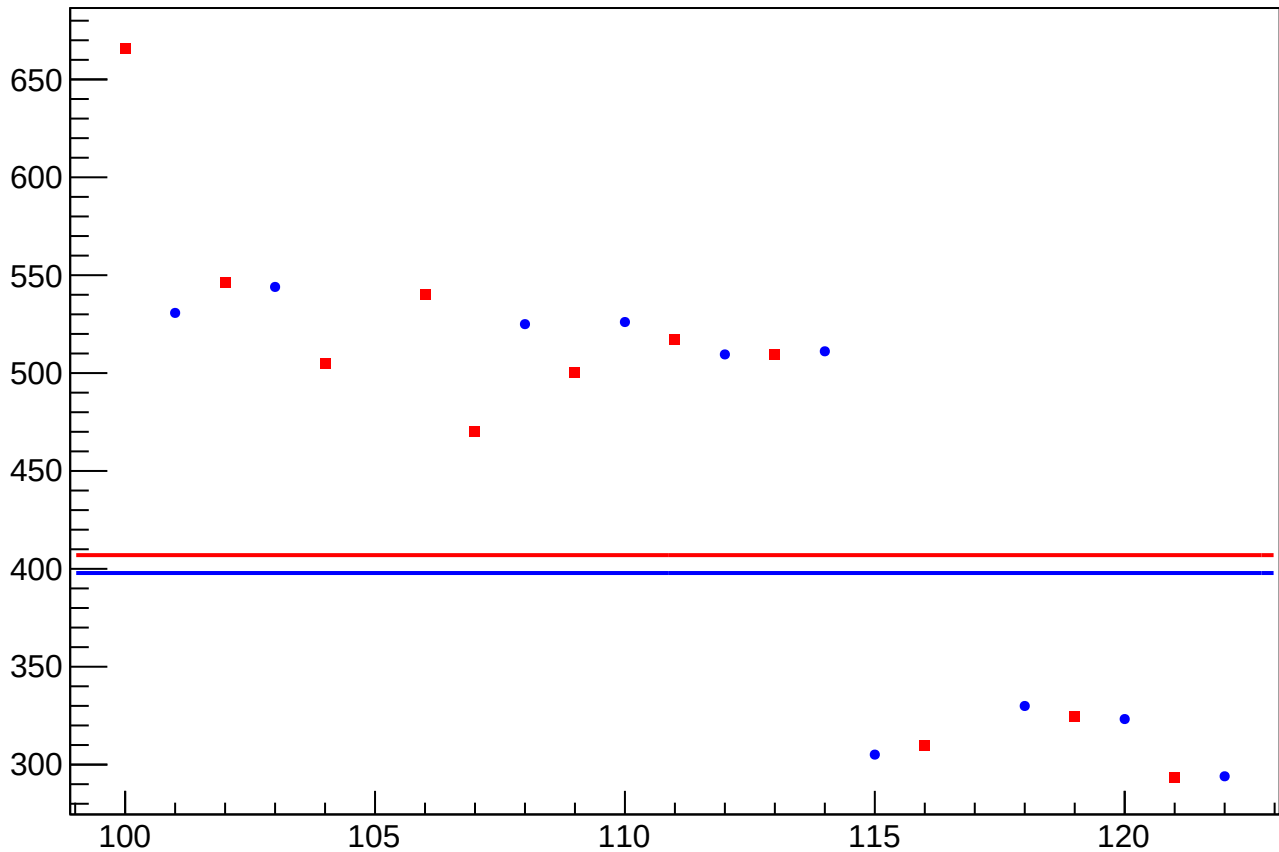
Right: 393.963 $\pm$ 142.176 χ^2 /NDF: 21.6/20

In: 472.724 $\pm$ 203.701 χ^2 /NDF:4.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 393.963 $\pm$ 142.176 χ^2 /NDF: 21.6/20

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: 407.003+/-0.140 χ^2/NDF : 558683.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

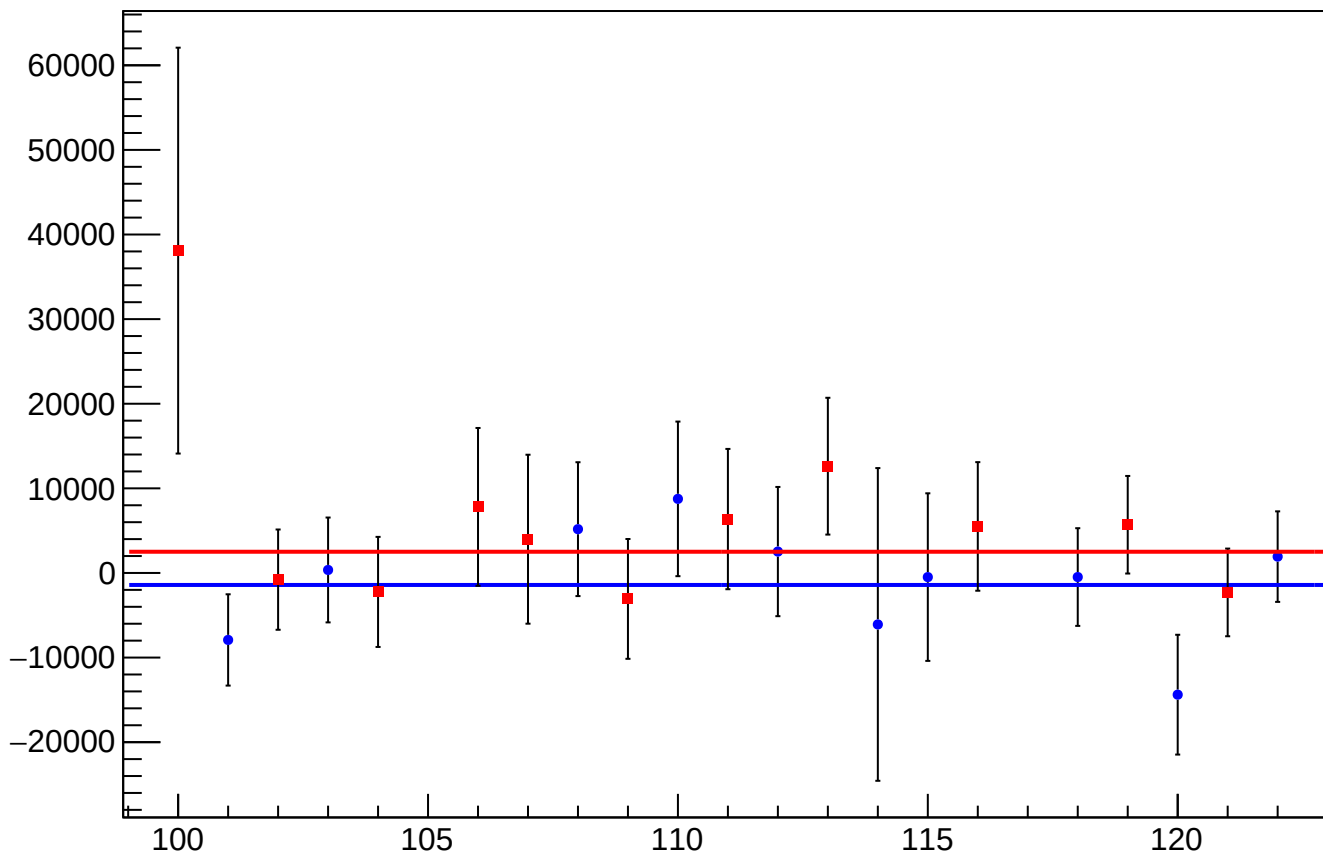
Right: 402.550+/-0.101 χ^2/NDF : 1091539.4/20

In: 397.862+/-0.144 χ^2/NDF : 530790.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.550+/-0.101 χ^2/NDF : 1091539.4/20

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: 2507.480+/-2183.076 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

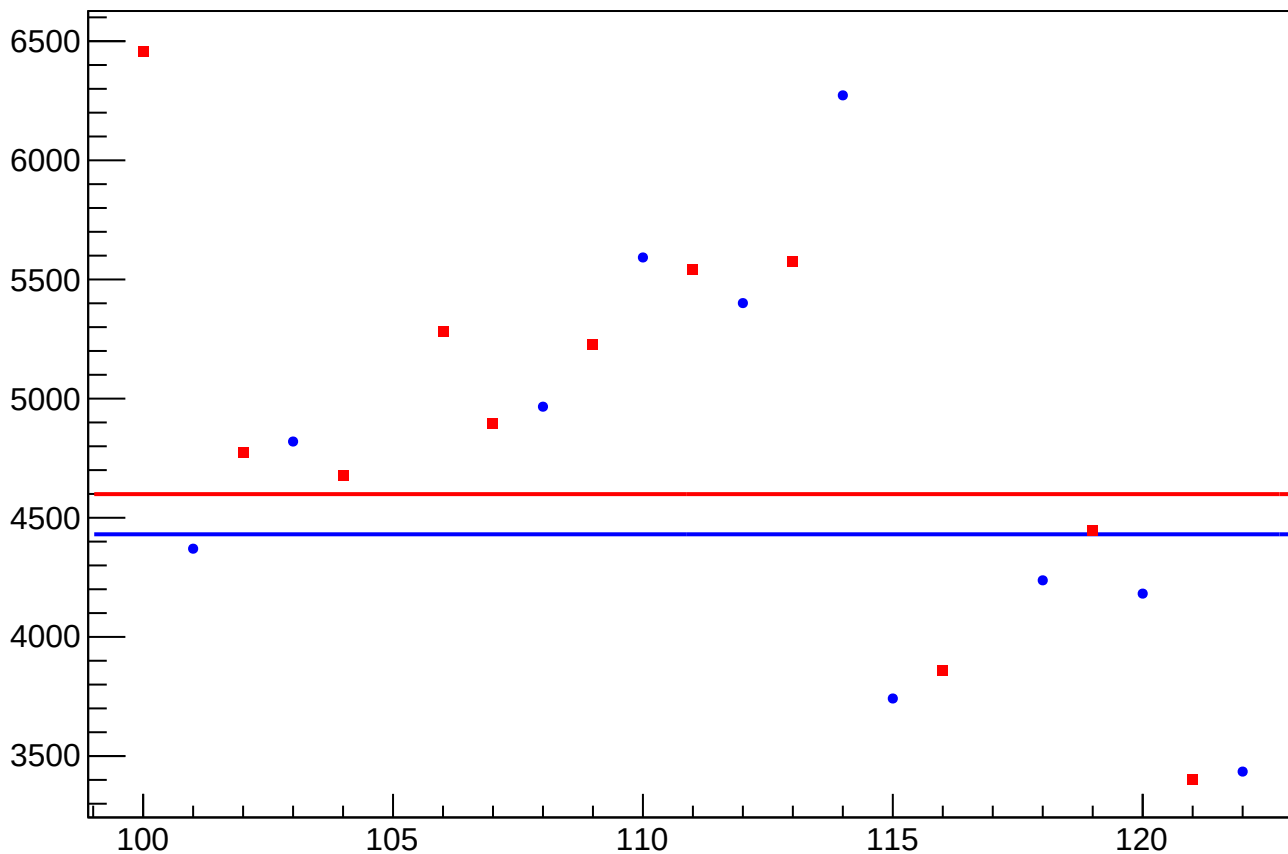
Right: 574.641+/-1555.397 χ^2/NDF : 16.3/20

In: -1418.078+/-2216.634 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.641+/-1555.397 χ^2/NDF : 16.3/20

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: 4599.234+/-1.544 χ^2/NDF : 224693.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

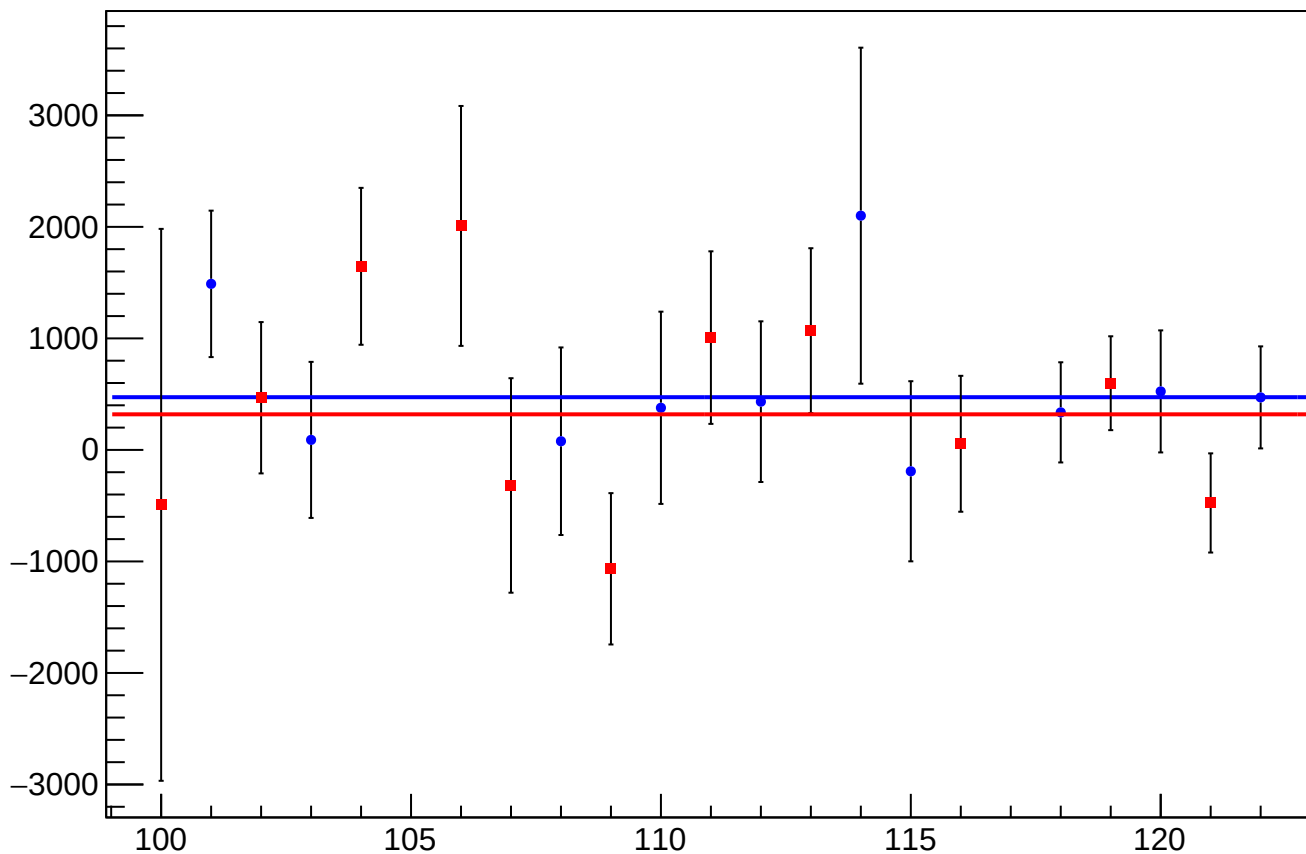
Right: 4516.225+/-1.100 χ^2/NDF : 416042.6/20

In: 4430.644+/-1.567 χ^2/NDF : 185476.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4516.225+/-1.100 χ^2/NDF : 416042.6/20

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 472.728+/-203.700 χ^2/NDF : 4.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 319.138+/-198.532 χ^2/NDF : 16.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

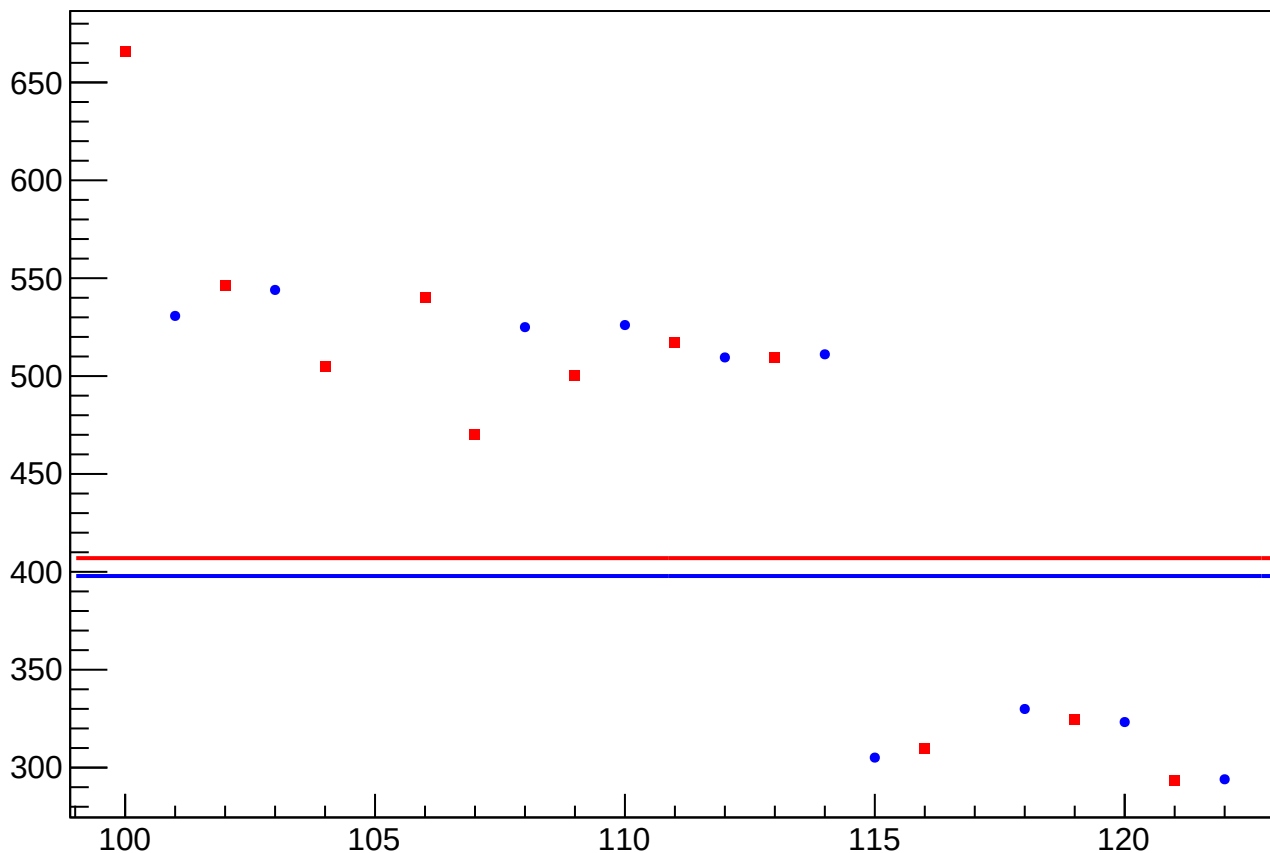
Right: 393.960+/-142.175 χ^2/NDF : 21.6/20

In: 472.728+/-203.700 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.960+/-142.175 χ^2/NDF : 21.6/20

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: 407.002+/-0.140 χ^2/NDF : 558669.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

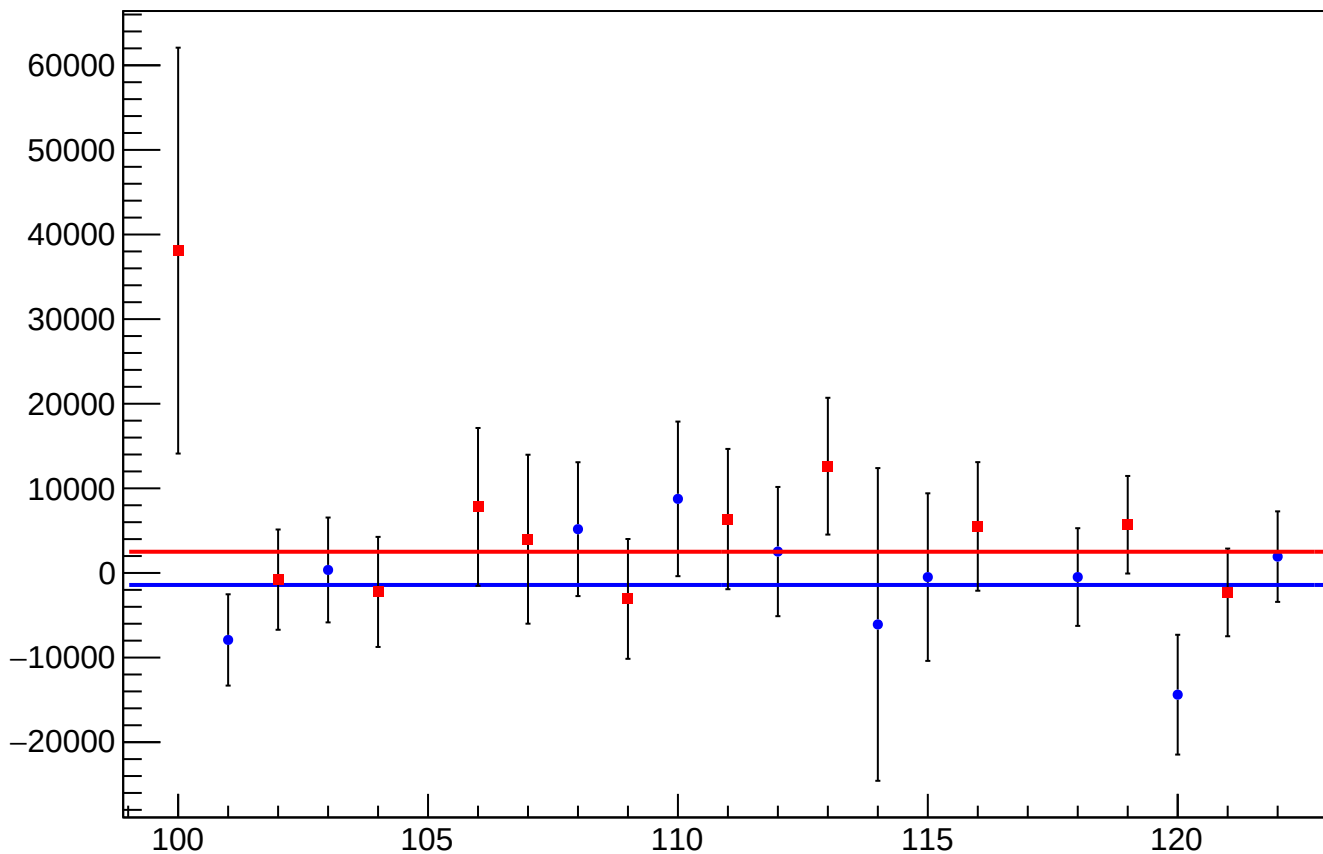
Right: 402.549+/-0.101 χ^2/NDF : 1091515.6/20

In: 397.861+/-0.144 χ^2/NDF : 530780.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.549+/-0.101 χ^2/NDF : 1091515.6/20

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: 2507.476+/-2183.071 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

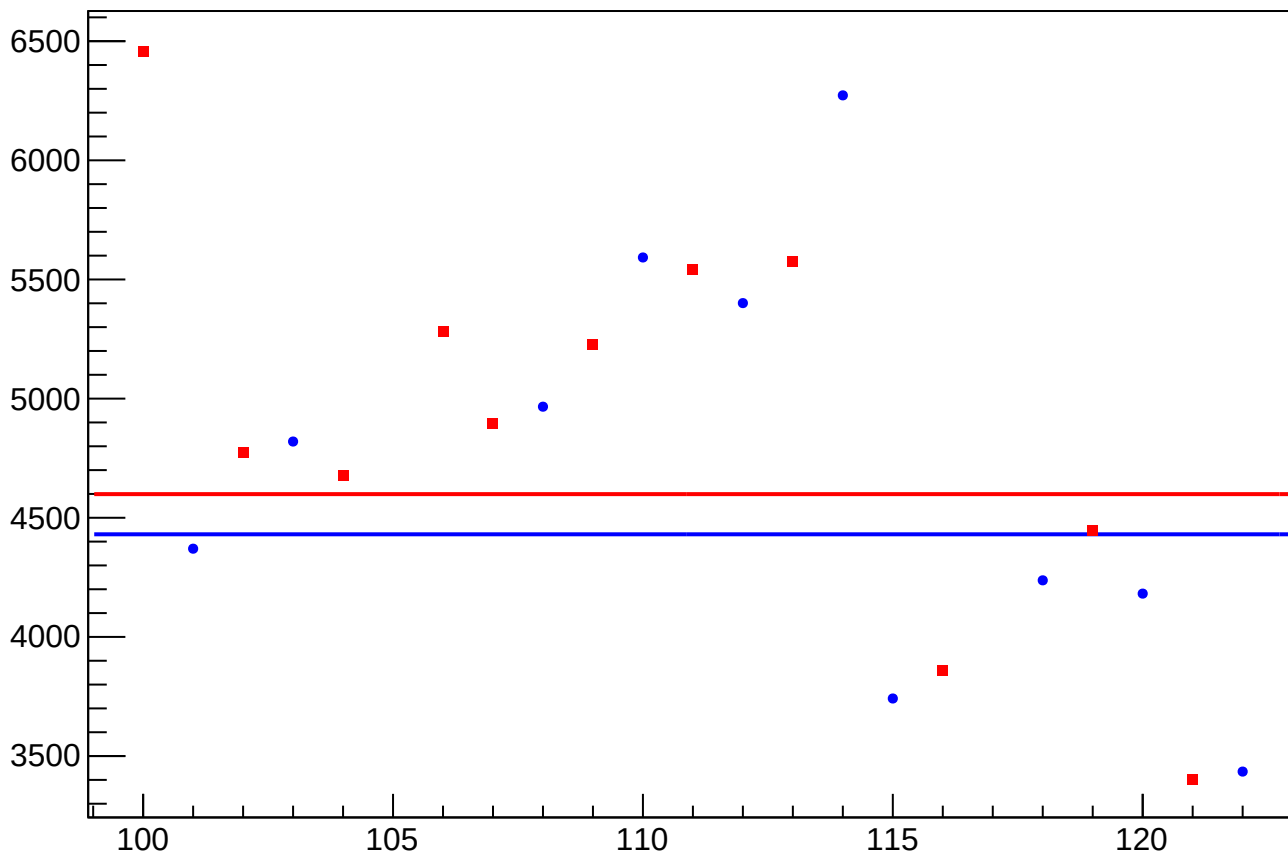
Right: 574.641+/-1555.393 χ^2/NDF : 16.3/20

In: -1418.075+/-2216.629 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.641+/-1555.393 χ^2/NDF : 16.3/20

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: 4599.224+/-1.544 χ^2/NDF : 224689.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

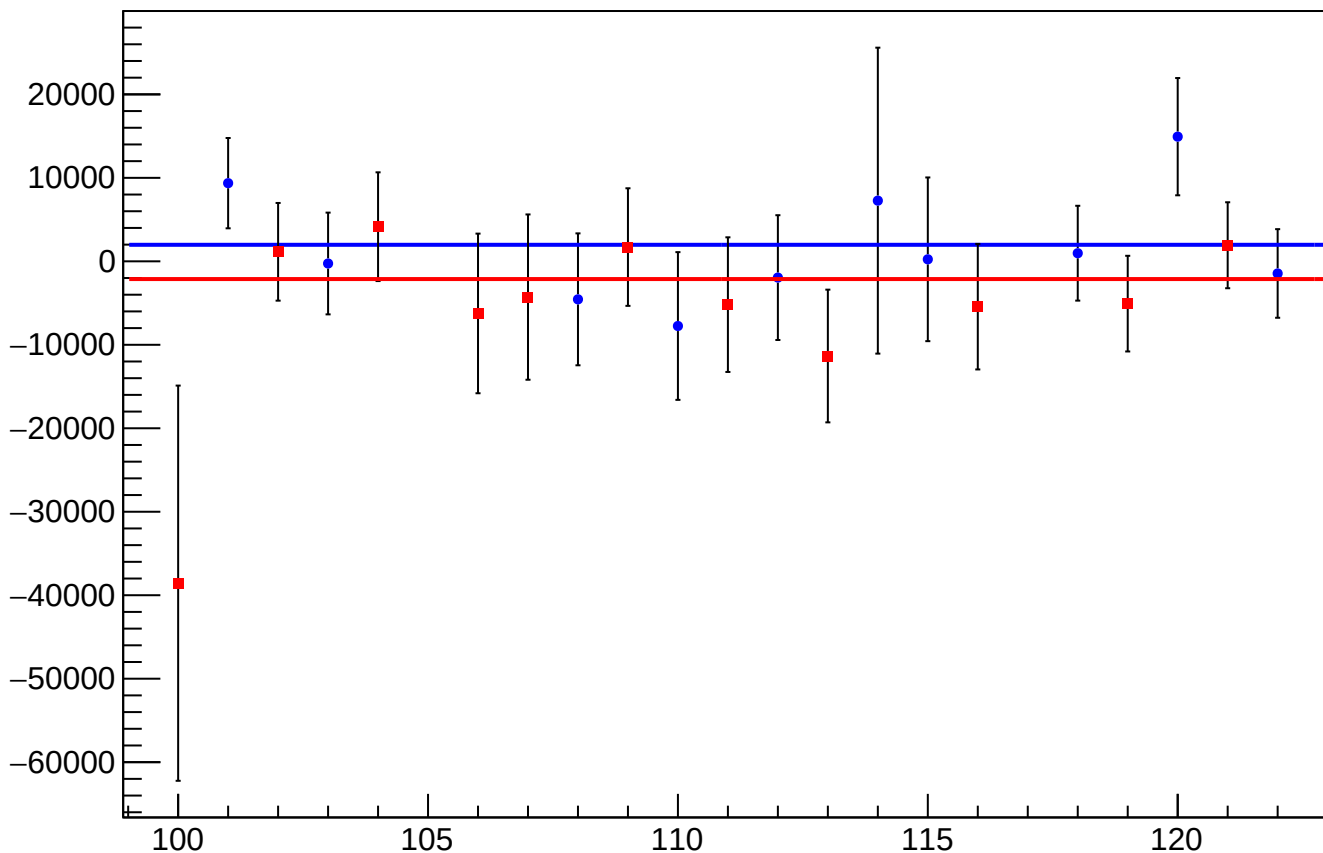
Right: 4516.216+/-1.100 χ^2/NDF : 416034.4/20

In: 4430.636+/-1.567 χ^2/NDF : 185472.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4516.216+/-1.100 χ^2/NDF : 416034.4/20

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: -2124.734+/-2167.153 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

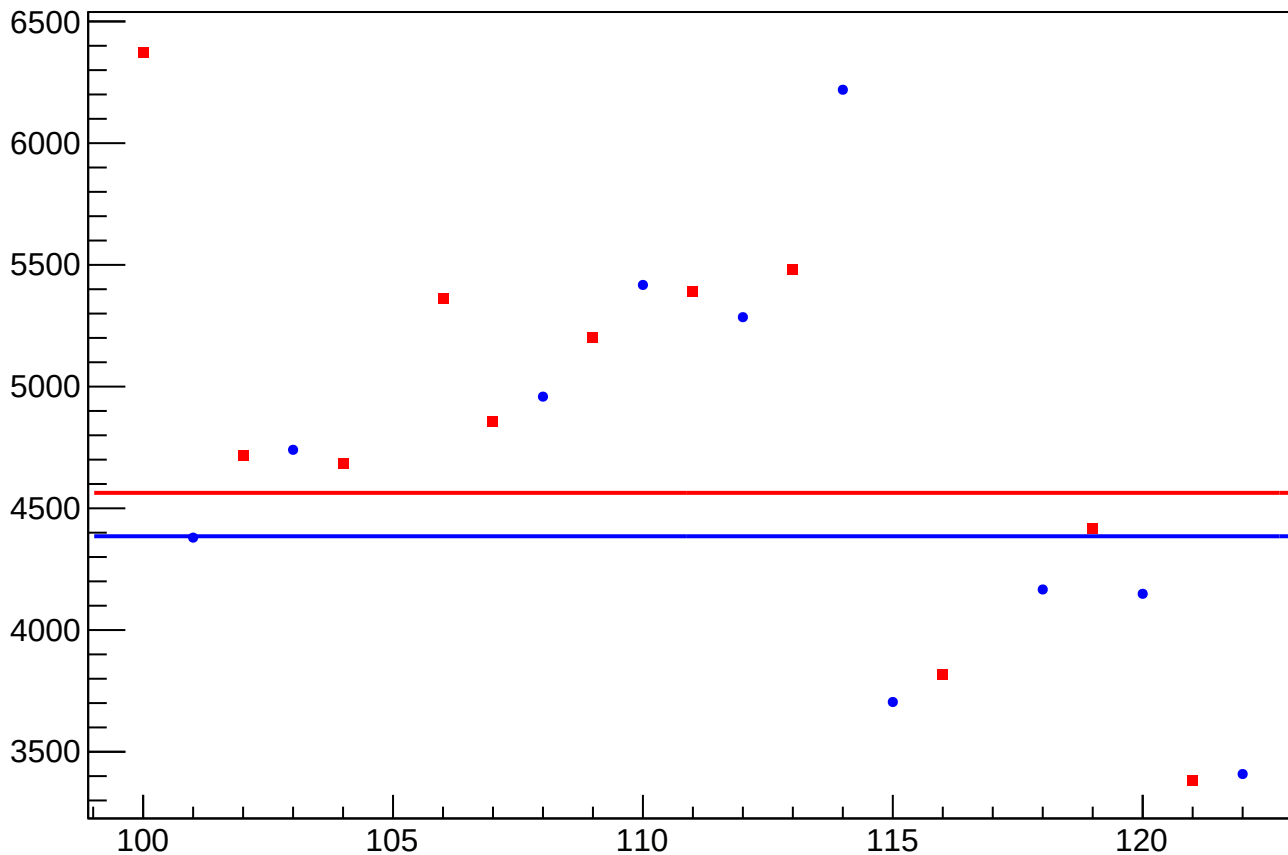
Right: -96.990+/-1541.499 χ^2/NDF : 16.6/20

In: 1979.592+/-2193.096 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -96.990+/-1541.499 χ^2/NDF : 16.6/20

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: 4563.547+/-1.532 χ^2/NDF : 219816.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

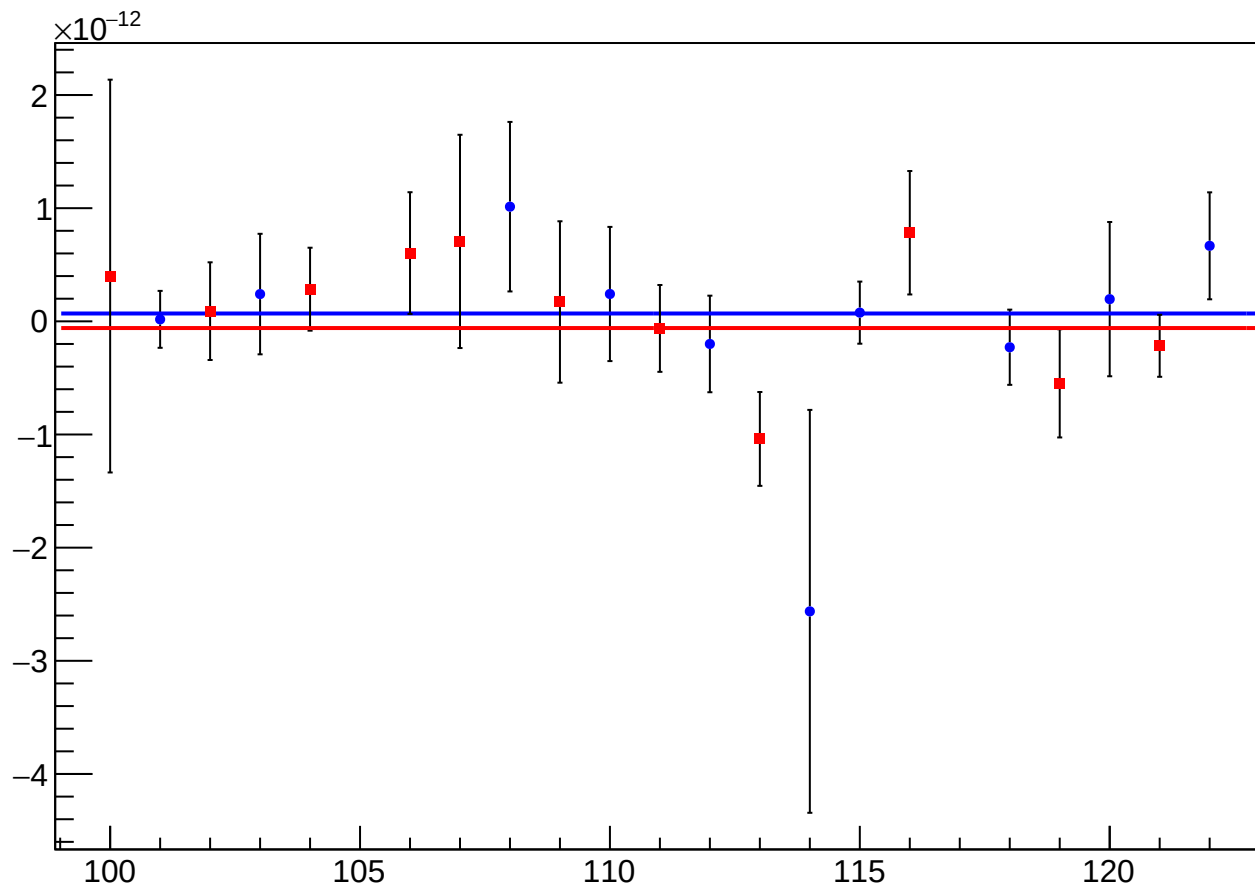
Right: 4475.461+/-1.090 χ^2/NDF : 402678.7/20

In: 4385.252+/-1.551 χ^2/NDF : 176174.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4475.461+/-1.090 χ^2/NDF : 402678.7/20

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 : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

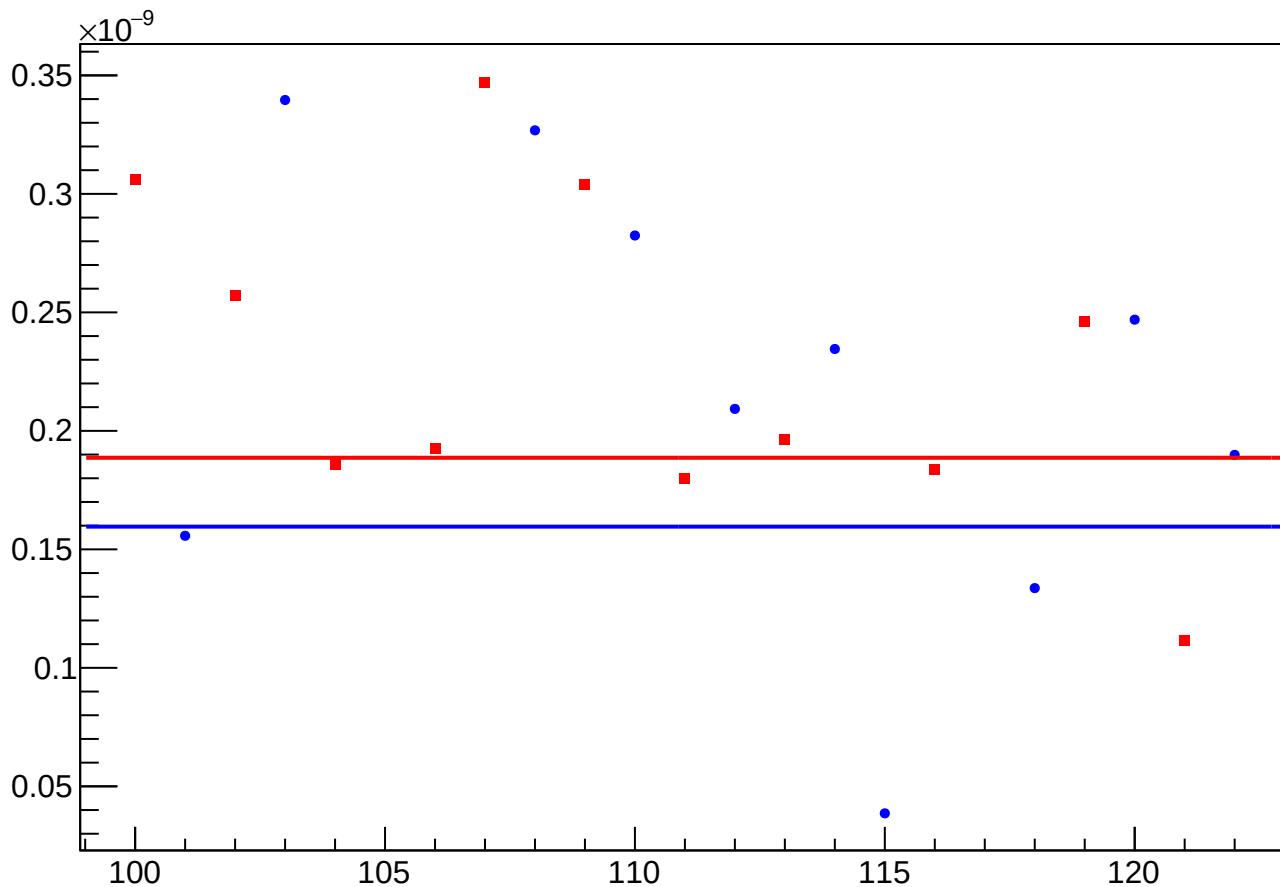
Right: 0.000+/-0.000 χ^2/NDF : 20.0/20

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 : 20.0/20

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 : 357772.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

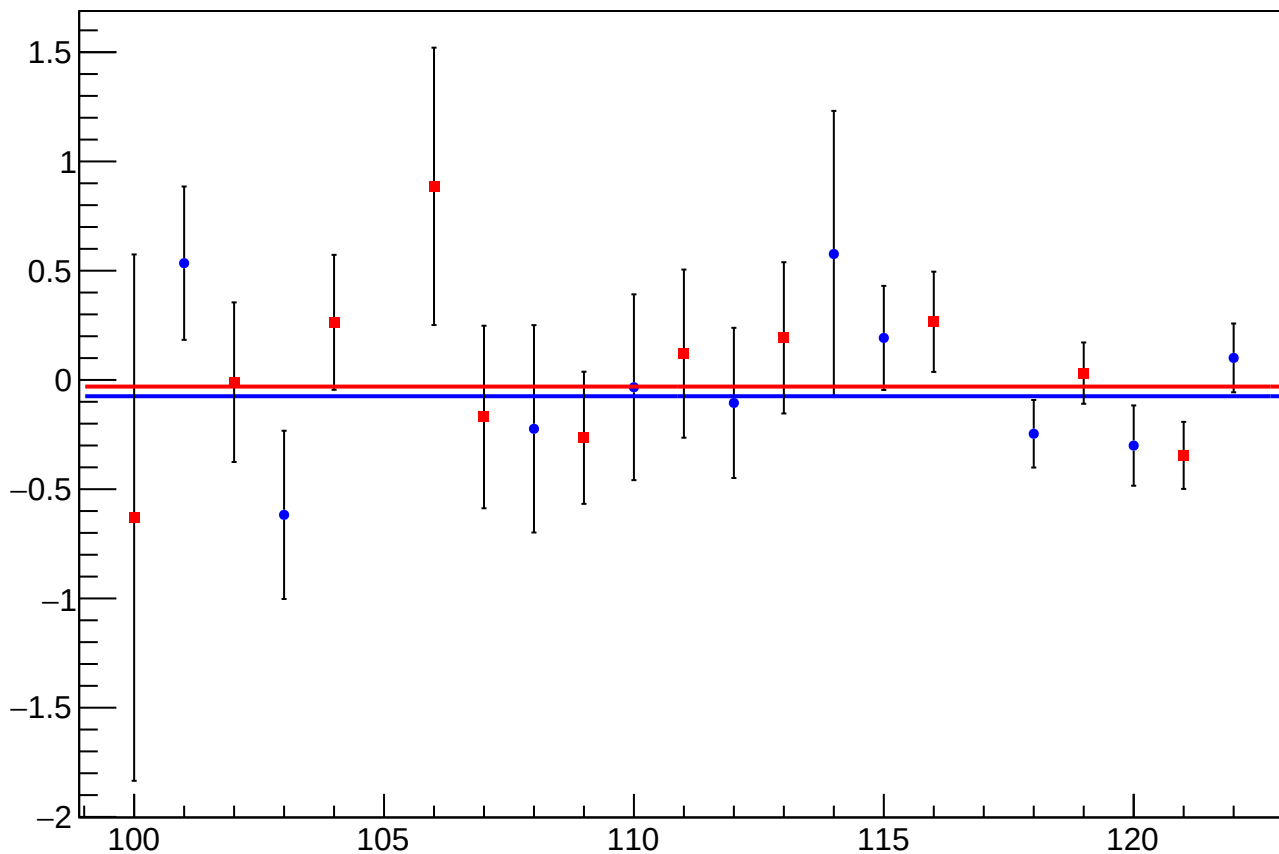
Right: 0.000+/-0.000 χ^2/NDF : 1292267.2/20

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 : 1292267.2/20

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: -0.030 ± 0.078 $\chi^2/\text{NDF}: 10.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

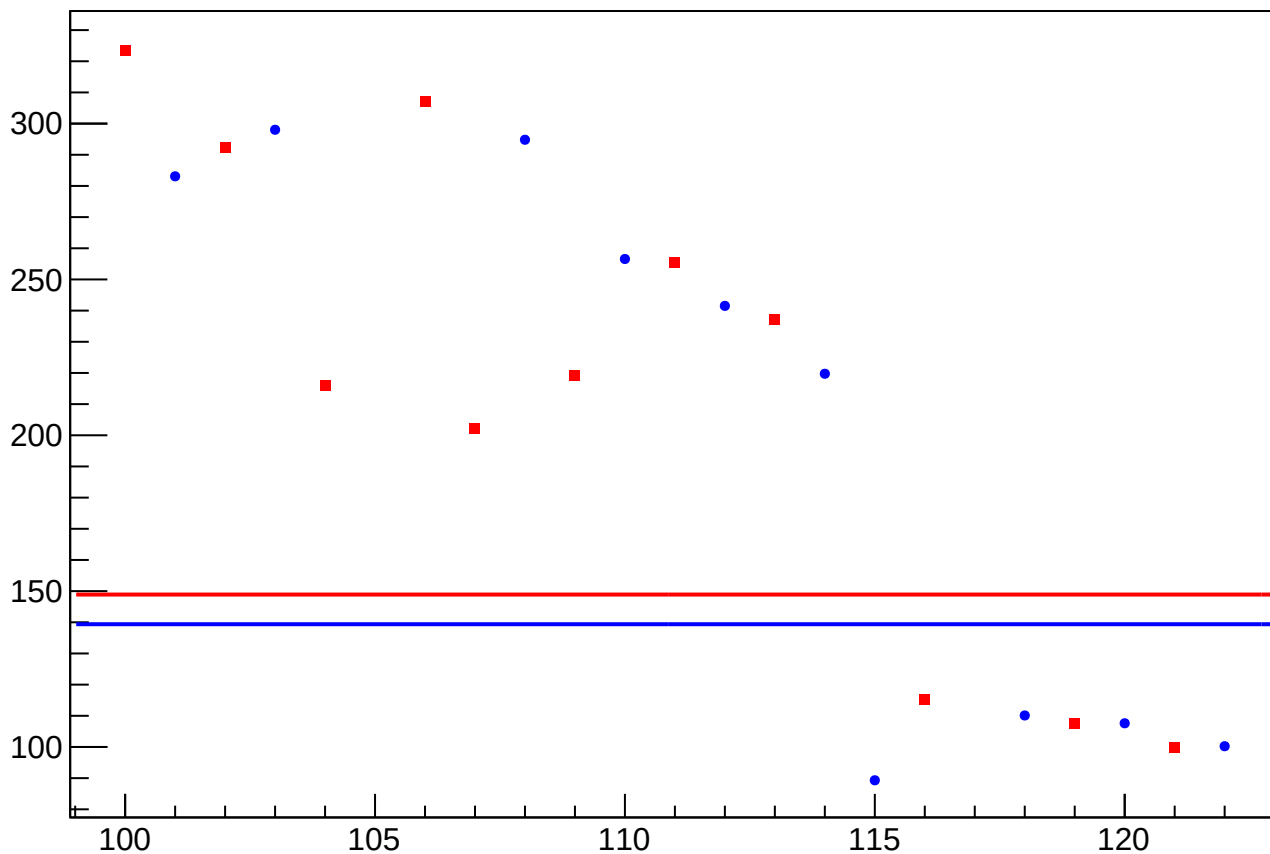
Right: -0.052 ± 0.055 $\chi^2/\text{NDF}: 22.1/20$

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: -0.052 ± 0.055 $\chi^2/\text{NDF}: 22.1/20$

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: 148.905+/-0.055 χ^2/NDF : 1414317.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

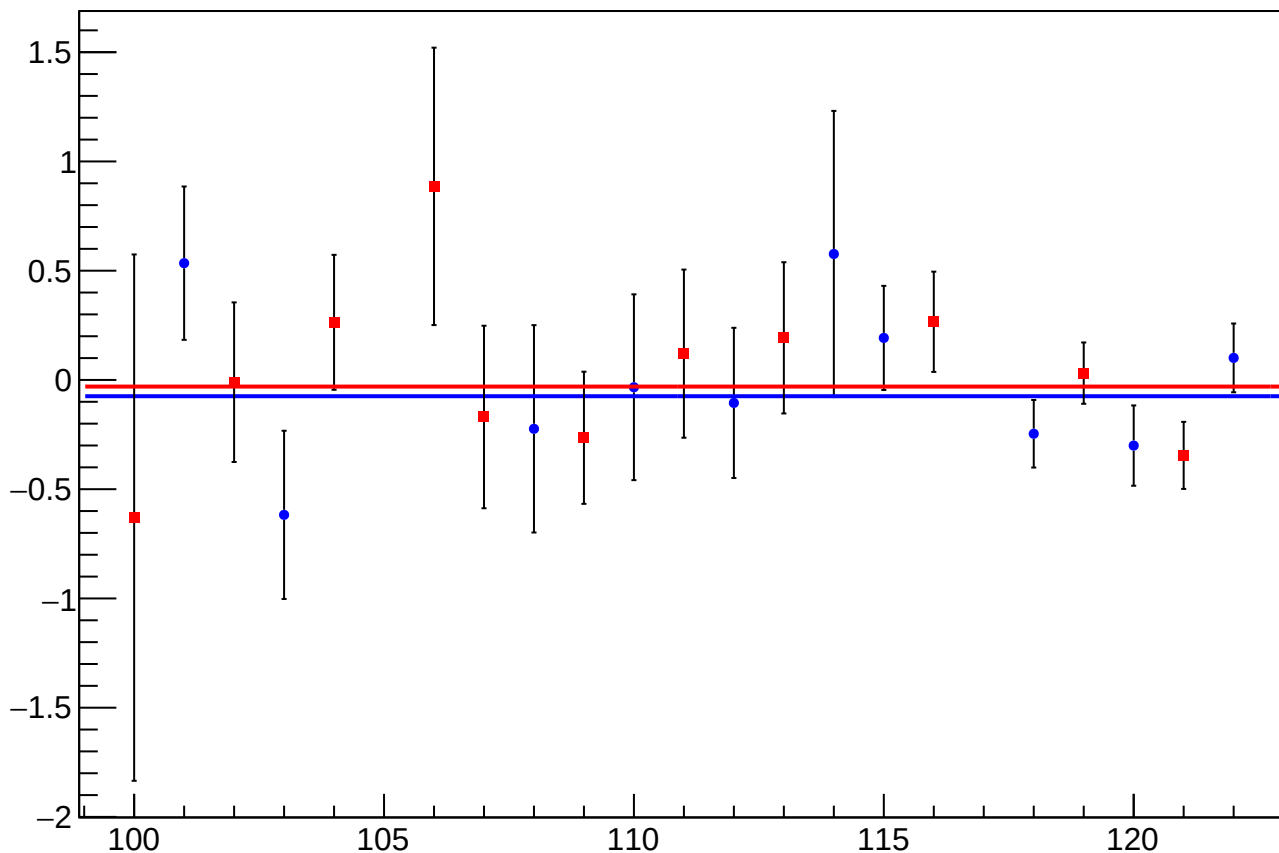
Right: 144.146+/-0.039 χ^2/NDF : 3021082.1/20

In: 139.382+/-0.055 χ^2/NDF :1591789.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 144.146+/-0.039 χ^2/NDF : 3021082.1/20

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: -0.030+/-0.078 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

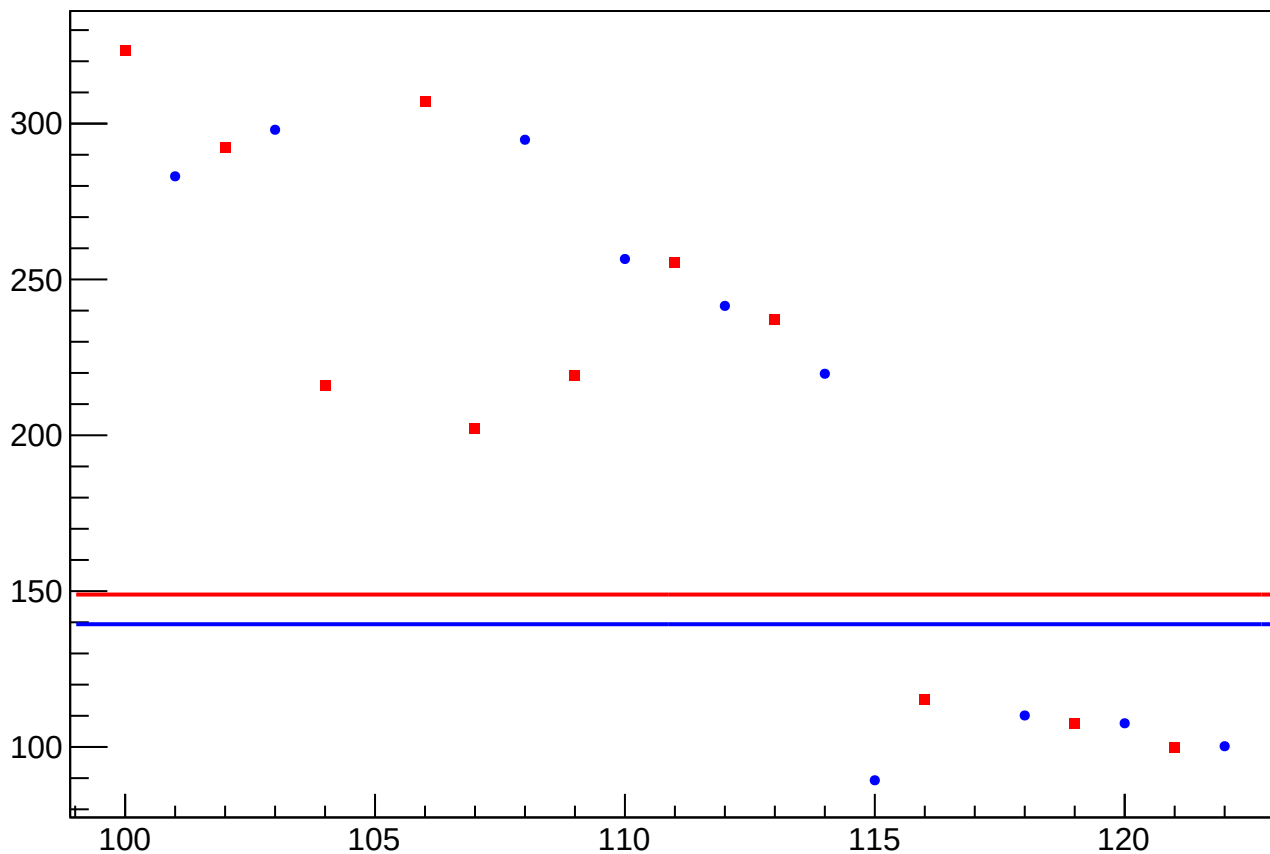
Right: -0.052+/-0.055 χ^2/NDF : 22.1/20

In: -0.074+/-0.078 χ^2/NDF :11.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.052+/-0.055 χ^2/NDF : 22.1/20

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: 148.905+/-0.055 χ^2/NDF : 1414317.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

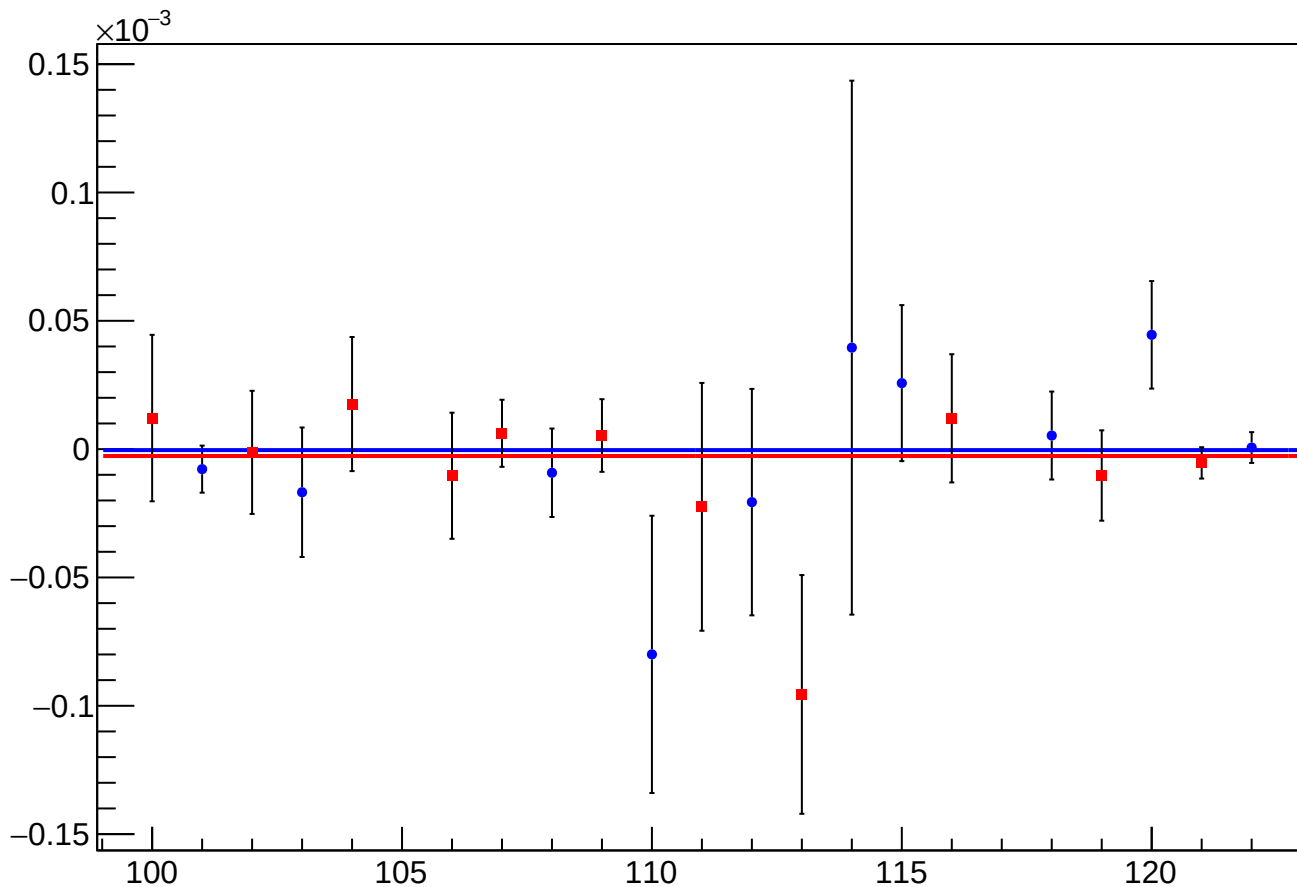
Right: 144.146+/-0.039 χ^2/NDF : 3021082.1/20

In: 139.382+/-0.055 χ^2/NDF : 1591789.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.146+/-0.039 χ^2/NDF : 3021082.1/20

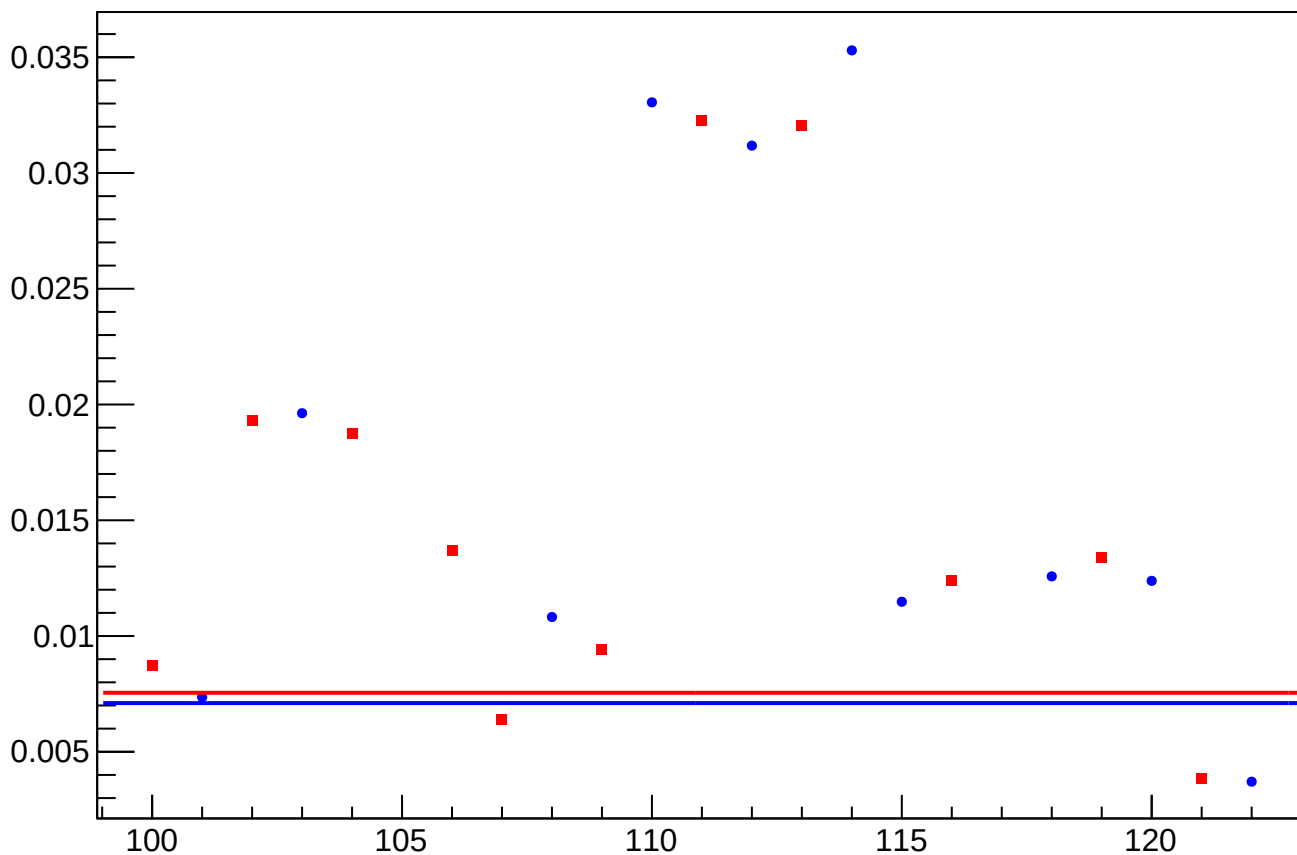
asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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: 6.6/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 16.0/20
 In: -0.000+/-0.000 χ^2 /NDF:9.3/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 16.0/20

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 : 3137610.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

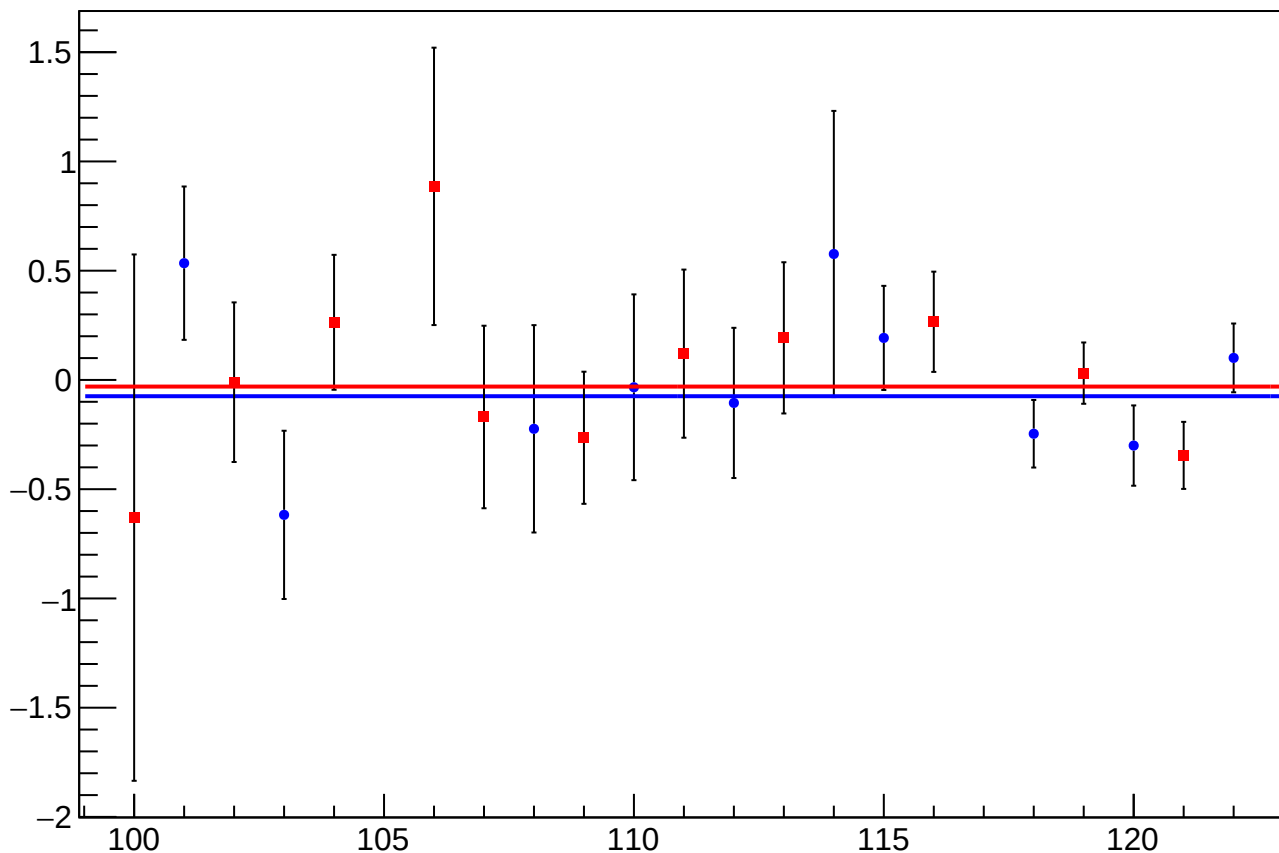
Right: 0.007+/-0.000 χ^2/NDF : 5953646.1/20

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 : 5953646.1/20

asym_sam2_eigen_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: -0.030 ± 0.078 $\chi^2/\text{NDF}: 10.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

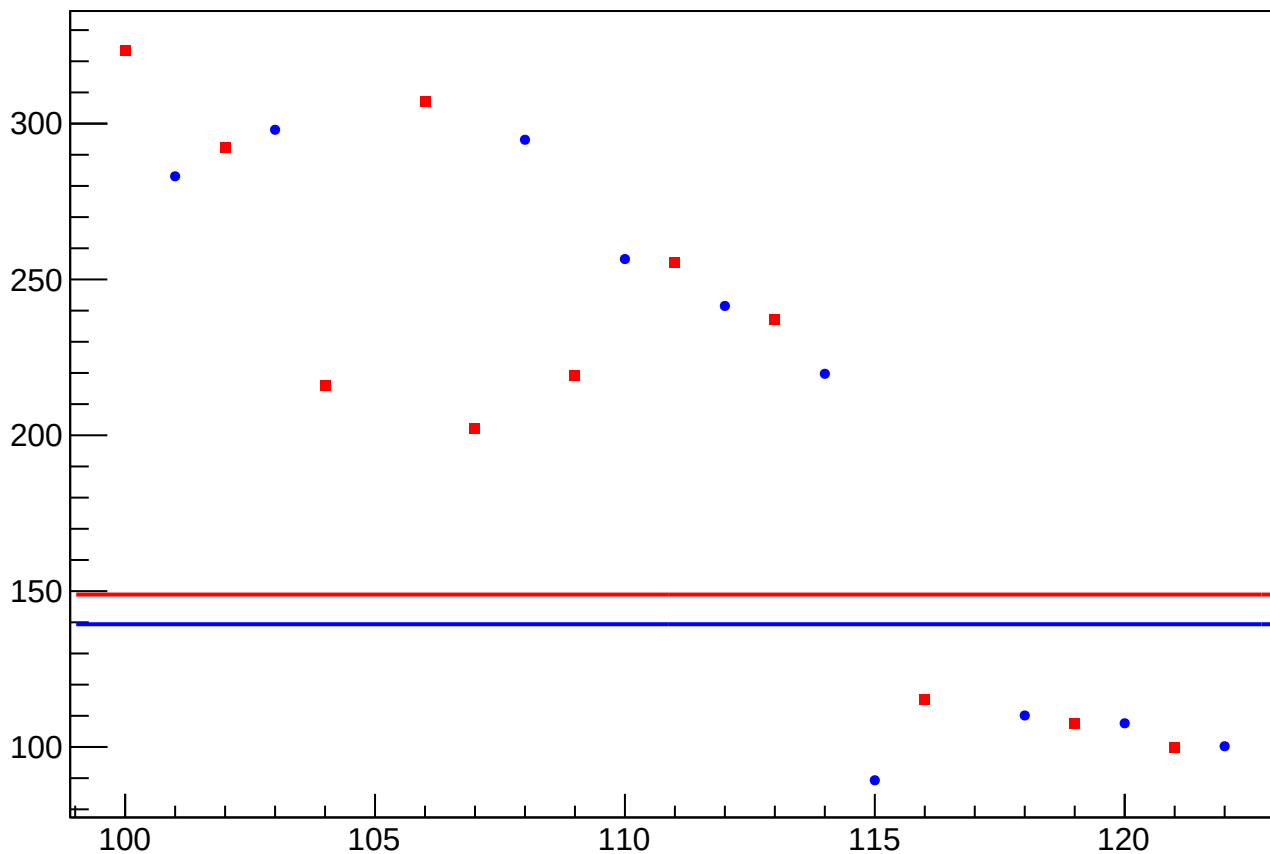
Right: -0.052 ± 0.055 $\chi^2/\text{NDF}: 22.1/20$

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: -0.052 ± 0.055 $\chi^2/\text{NDF}: 22.1/20$

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: 148.903+/-0.055 χ^2/NDF : 1414270.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

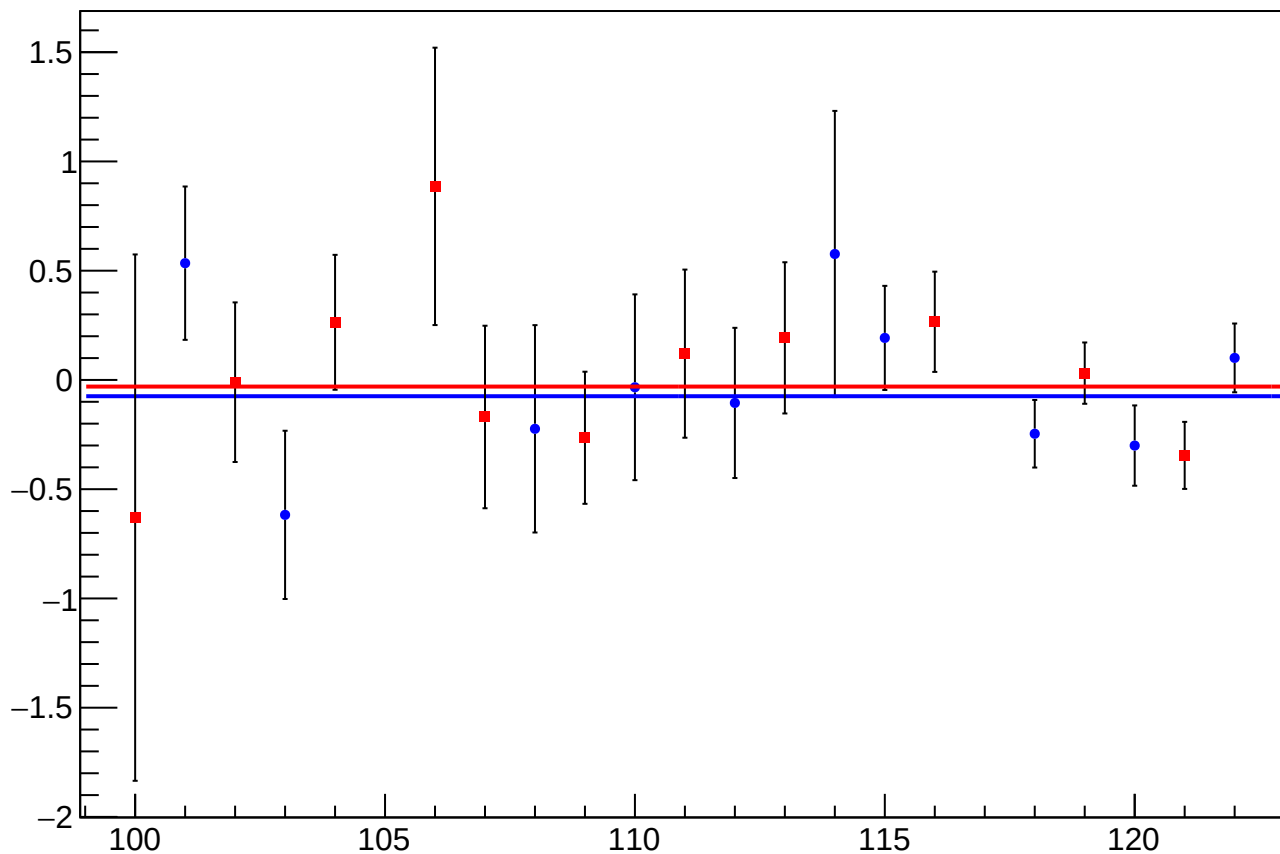
Right: 144.144+/-0.039 χ^2/NDF : 3020972.0/20

In: 139.381+/-0.055 χ^2/NDF :1591727.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 144.144+/-0.039 χ^2/NDF : 3020972.0/20

asym_sam2_eigen_dit_vs_eigen_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: -0.030 ± 0.078 $\chi^2/\text{NDF}: 10.6/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

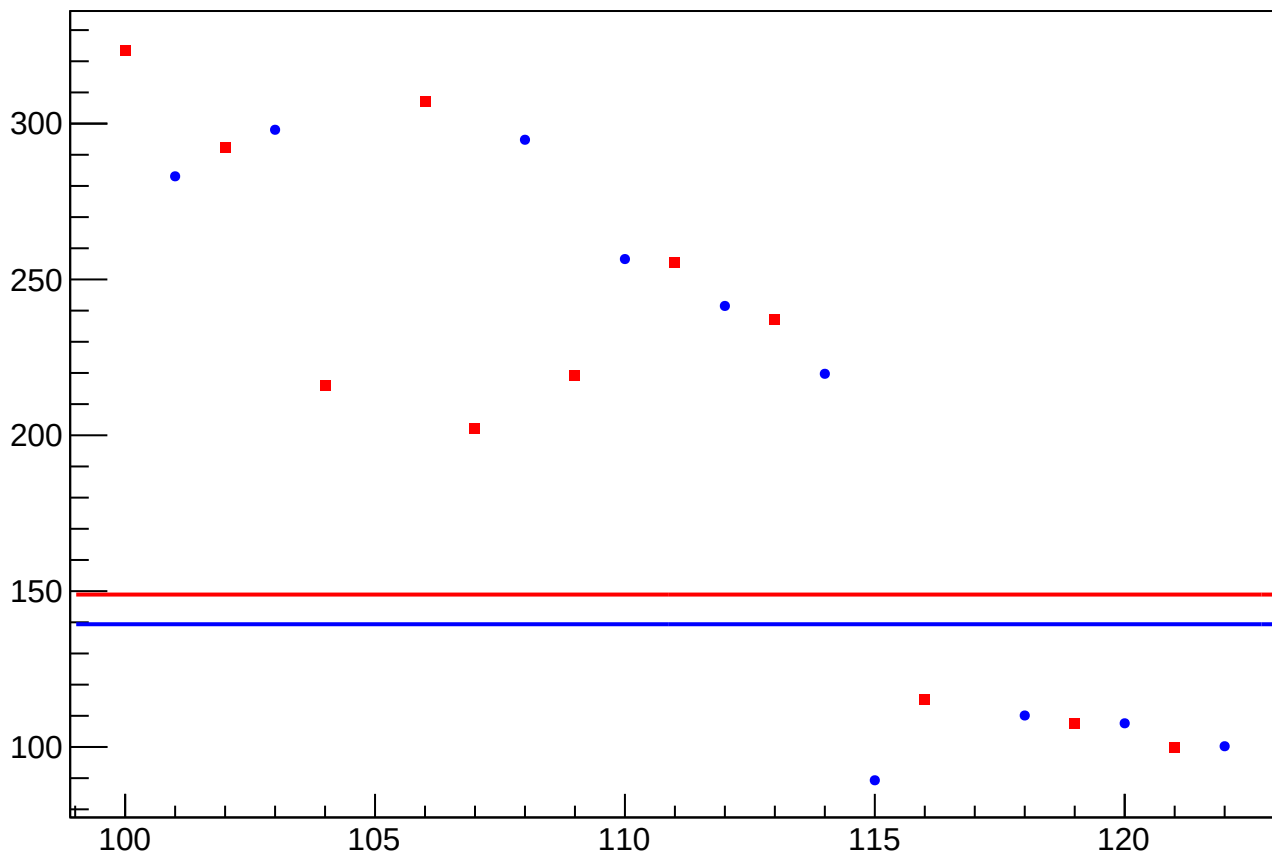
Right: -0.052 ± 0.055 $\chi^2/\text{NDF}: 22.1/20$

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: -0.052 ± 0.055 $\chi^2/\text{NDF}: 22.1/20$

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: 148.903+/-0.055 χ^2/NDF : 1414270.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

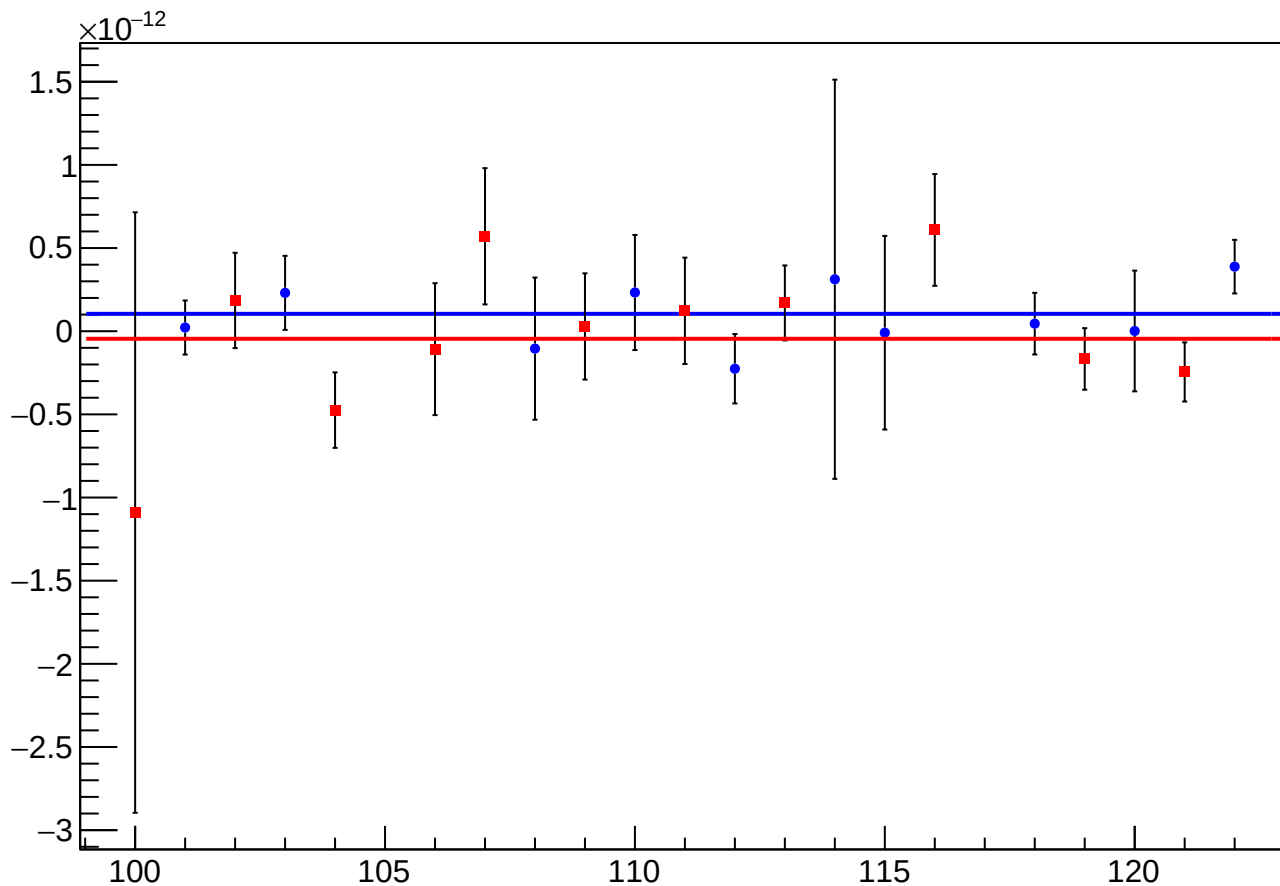
Right: 144.144+/-0.039 χ^2/NDF : 3020972.0/20

In: 139.381+/-0.055 χ^2/NDF : 1591727.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.144+/-0.039 χ^2/NDF : 3020972.0/20

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 : 13.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

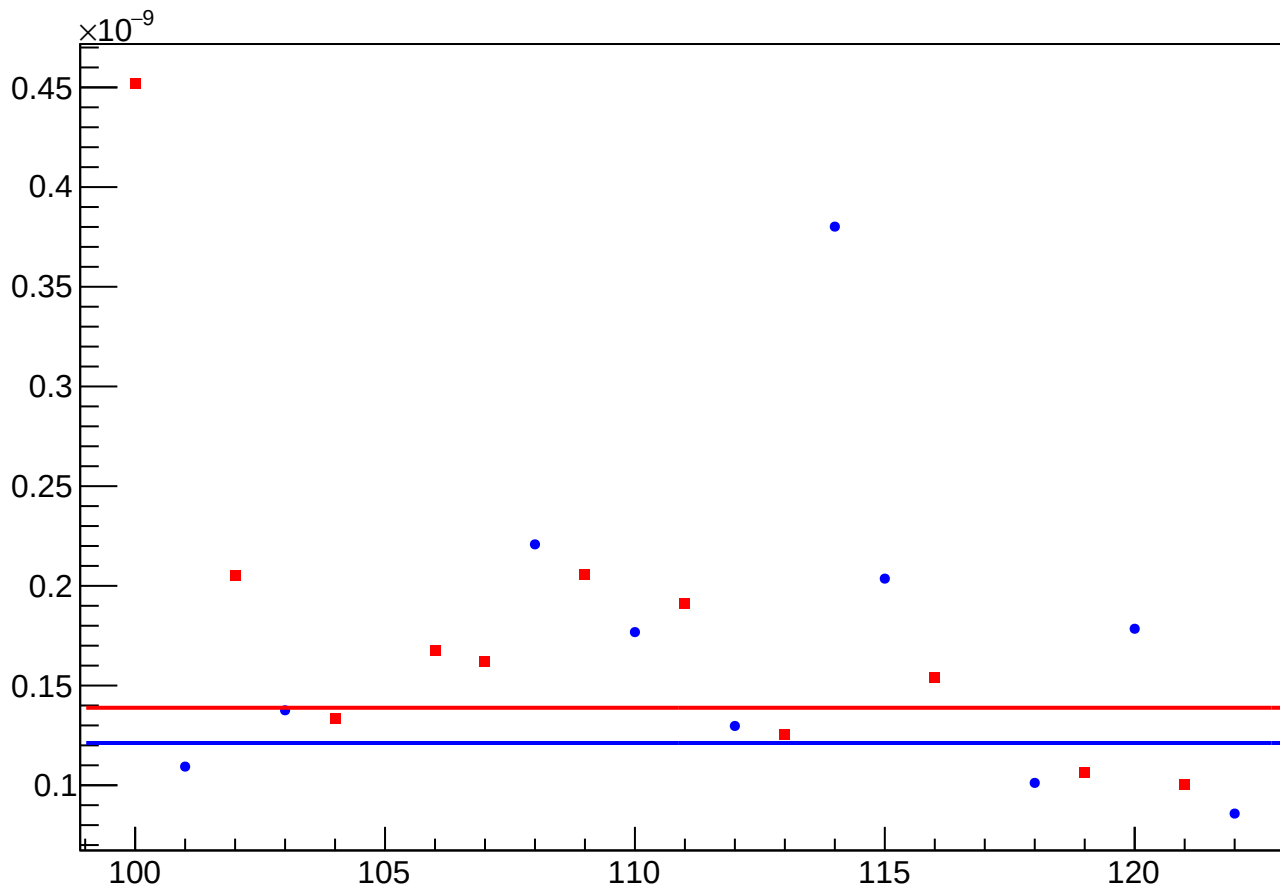
Right: 0.000+/-0.000 χ^2/NDF : 22.2/20

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 : 22.2/20

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 : 492175.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

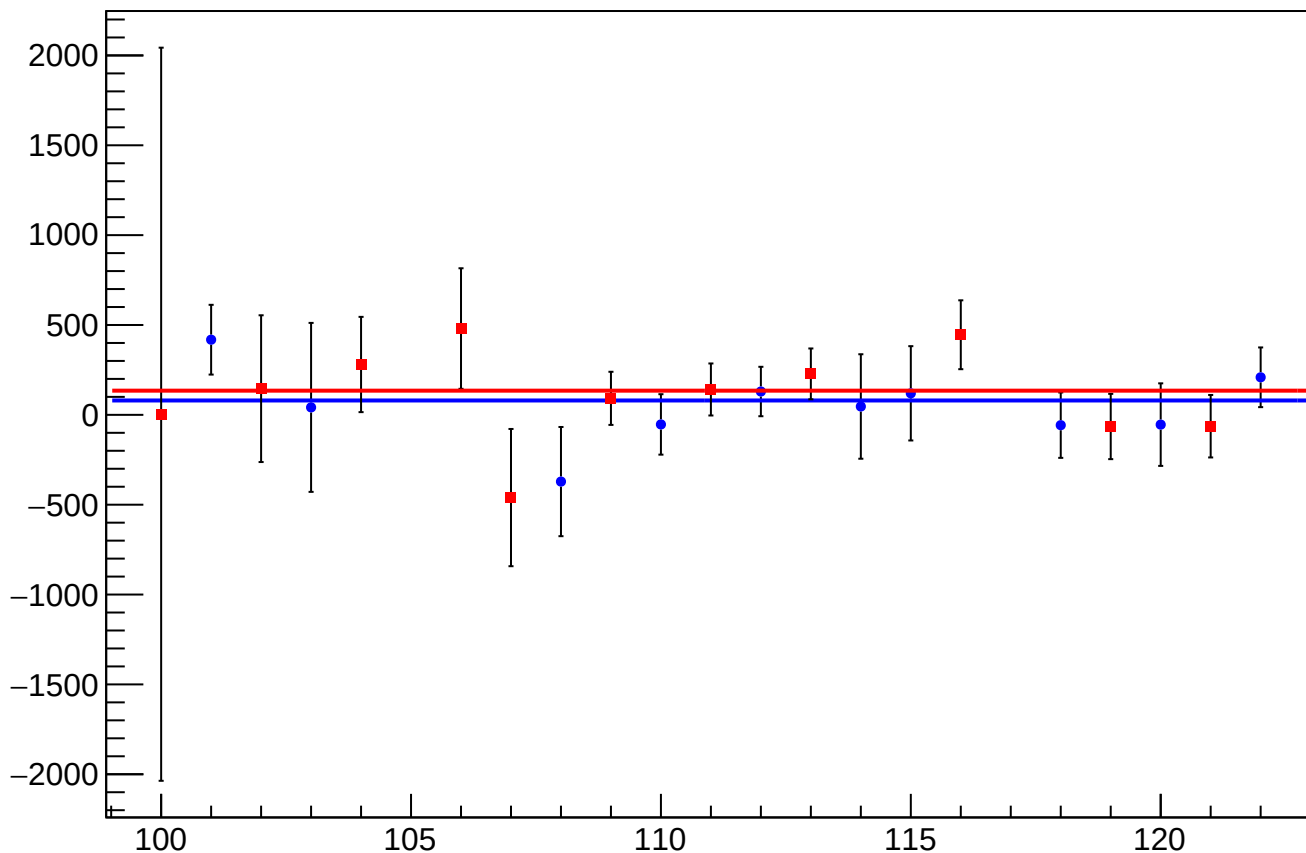
Right: 0.000+/-0.000 χ^2/NDF : 1031094.3/20

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 : 1031094.3/20

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: 134.603+/-60.824 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

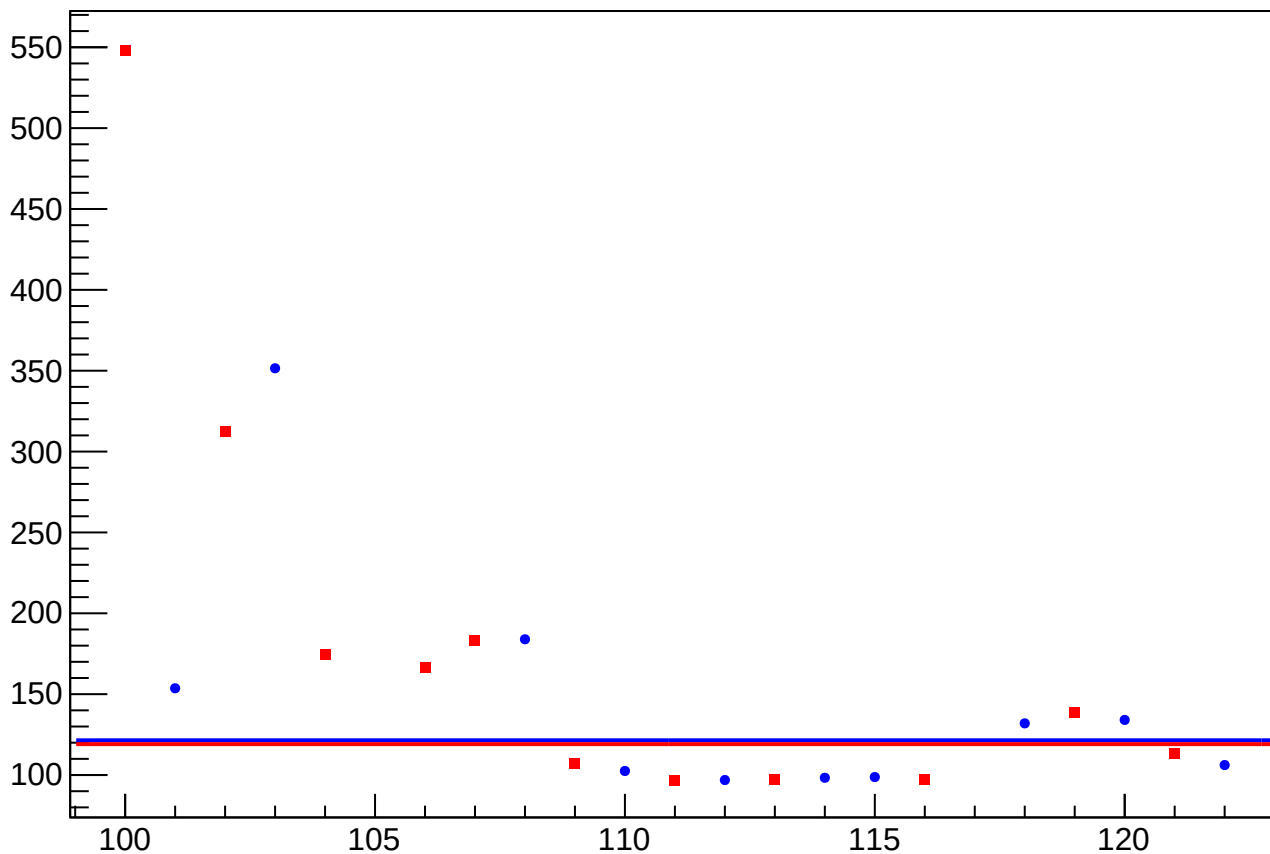
Right: 108.796+/-44.185 χ^2/NDF : 17.4/20

In: 79.961+/-64.293 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.796+/-44.185 χ^2/NDF : 17.4/20

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: 119.099+/-0.043 χ^2/NDF : 880684.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

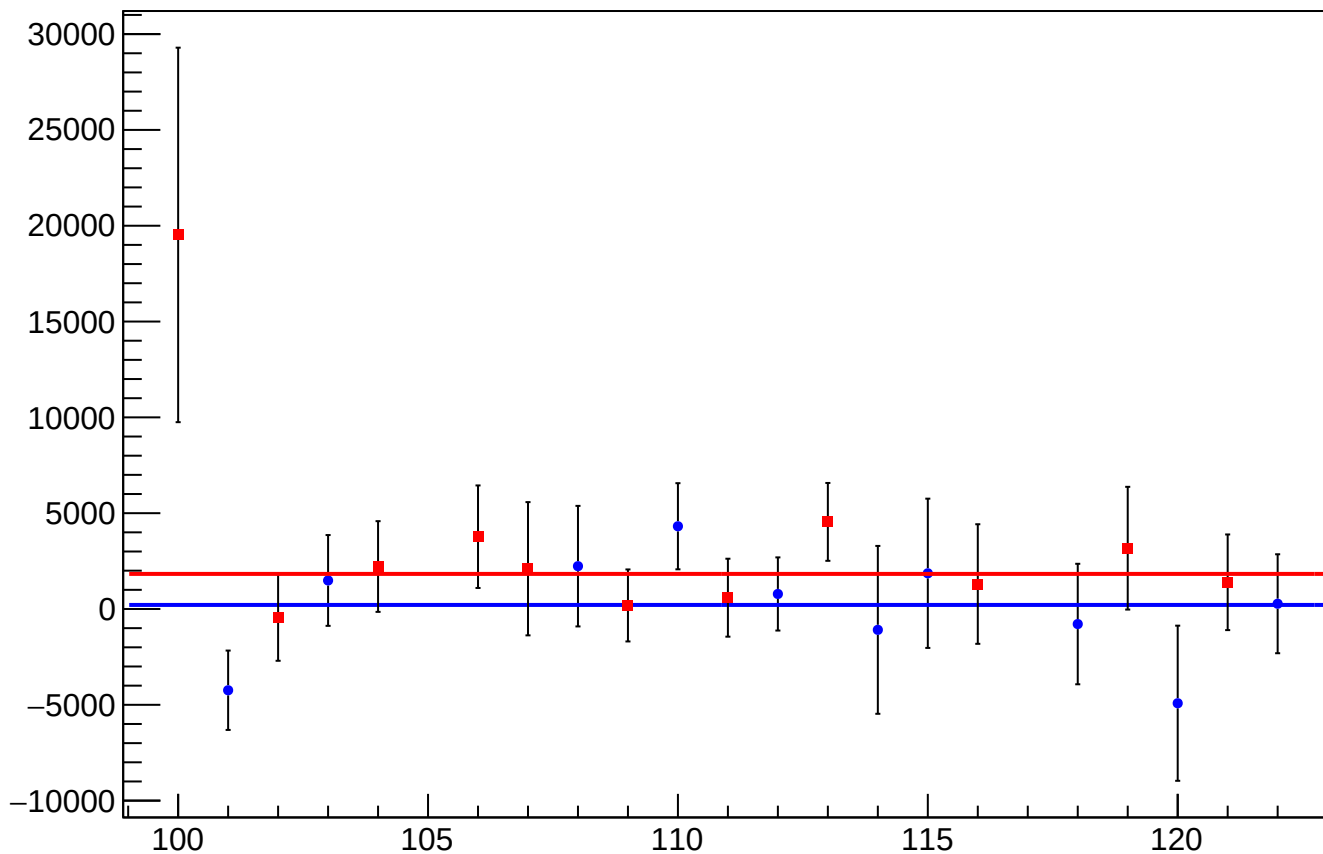
Right: 120.219+/-0.031 χ^2/NDF : 1646997.2/20

In: 121.470+/-0.045 χ^2/NDF : 764877.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.219+/-0.031 χ^2/NDF : 1646997.2/20

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: 1831.234+/-759.090 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

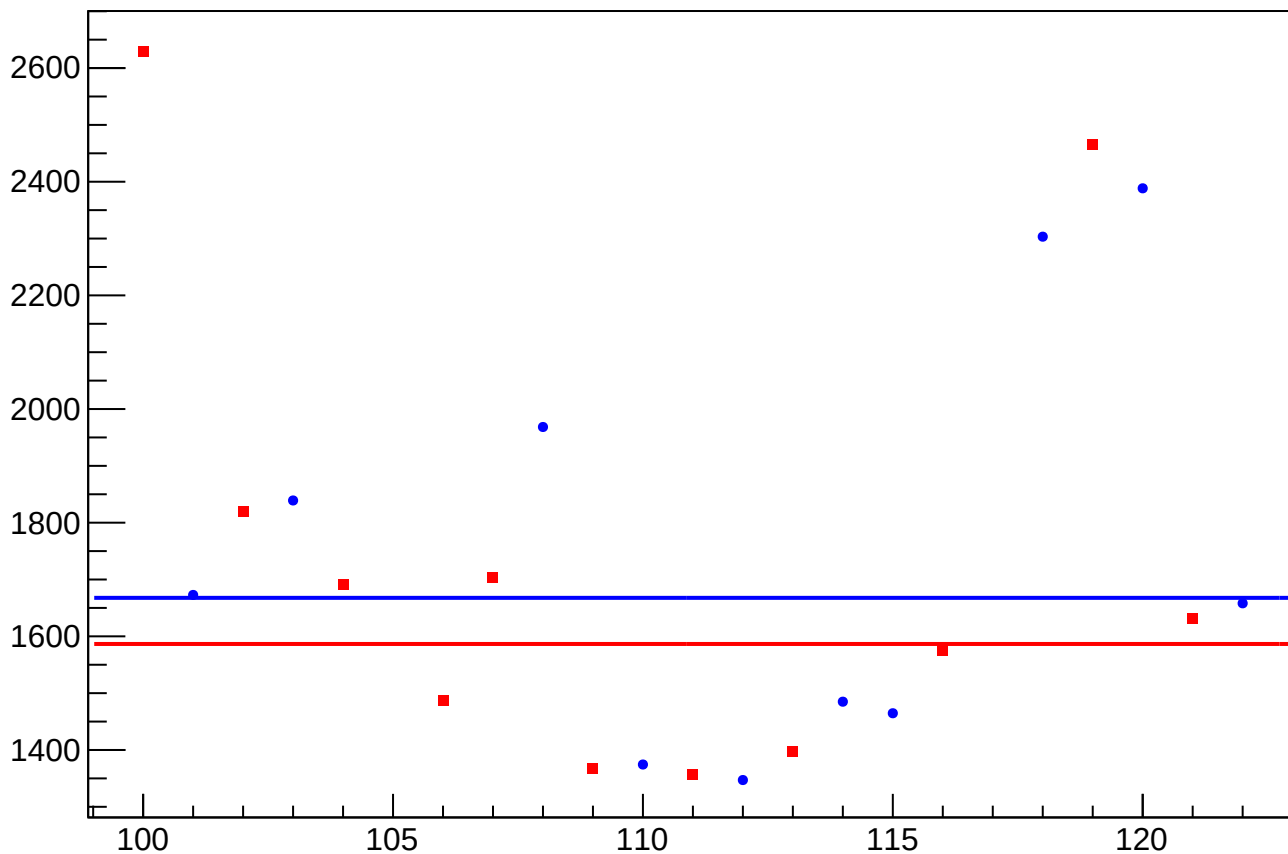
Right: 1103.950+/-563.384 χ^2/NDF : 20.8/20

In: 212.037+/-840.626 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1103.950+/-563.384 χ^2/NDF : 20.8/20

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: 1586.562+/-0.537 χ^2/NDF : 273989.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

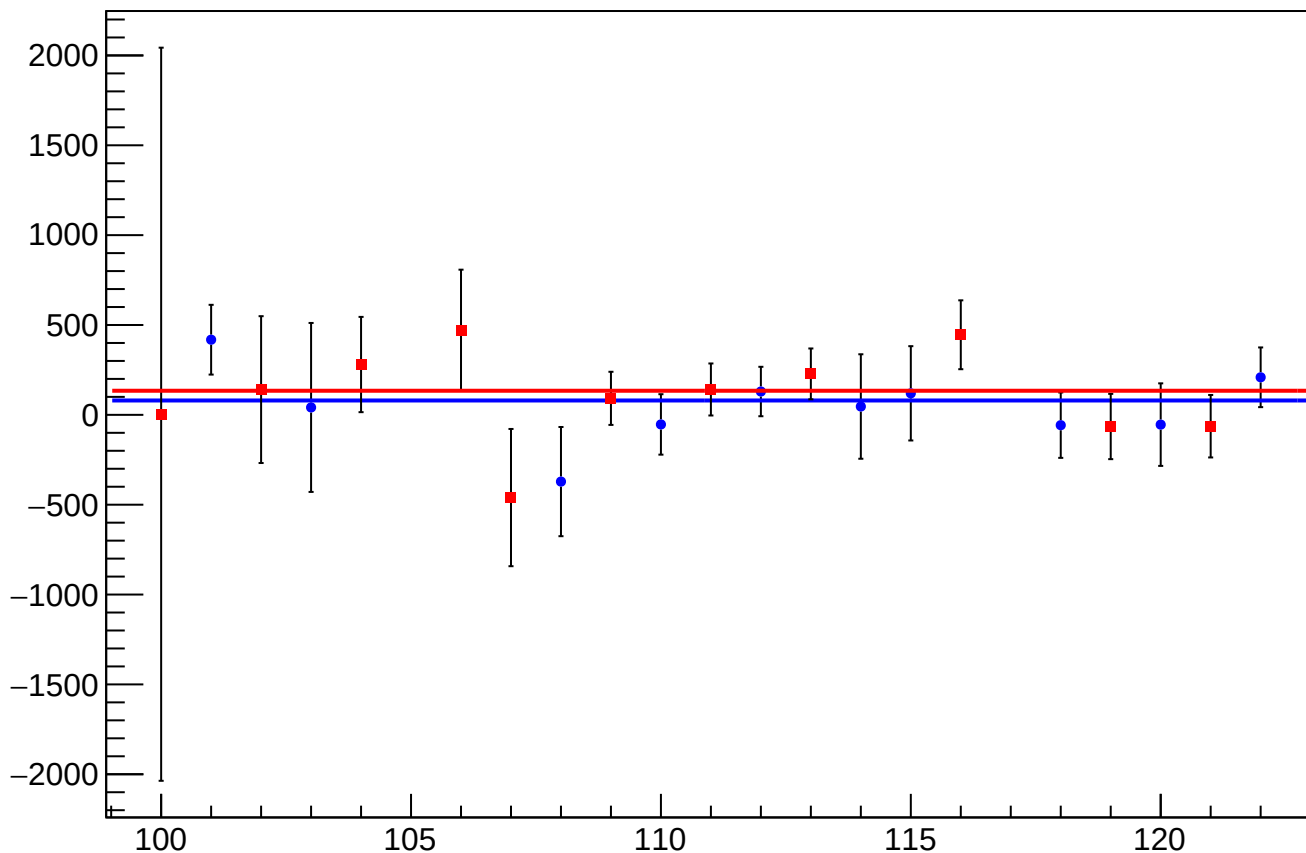
Right: 1623.021+/-0.398 χ^2/NDF : 557577.0/20

In: 1667.734+/-0.594 χ^2/NDF : 273315.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1623.021+/-0.398 χ^2/NDF : 557577.0/20

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: 134.103+/-60.831 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

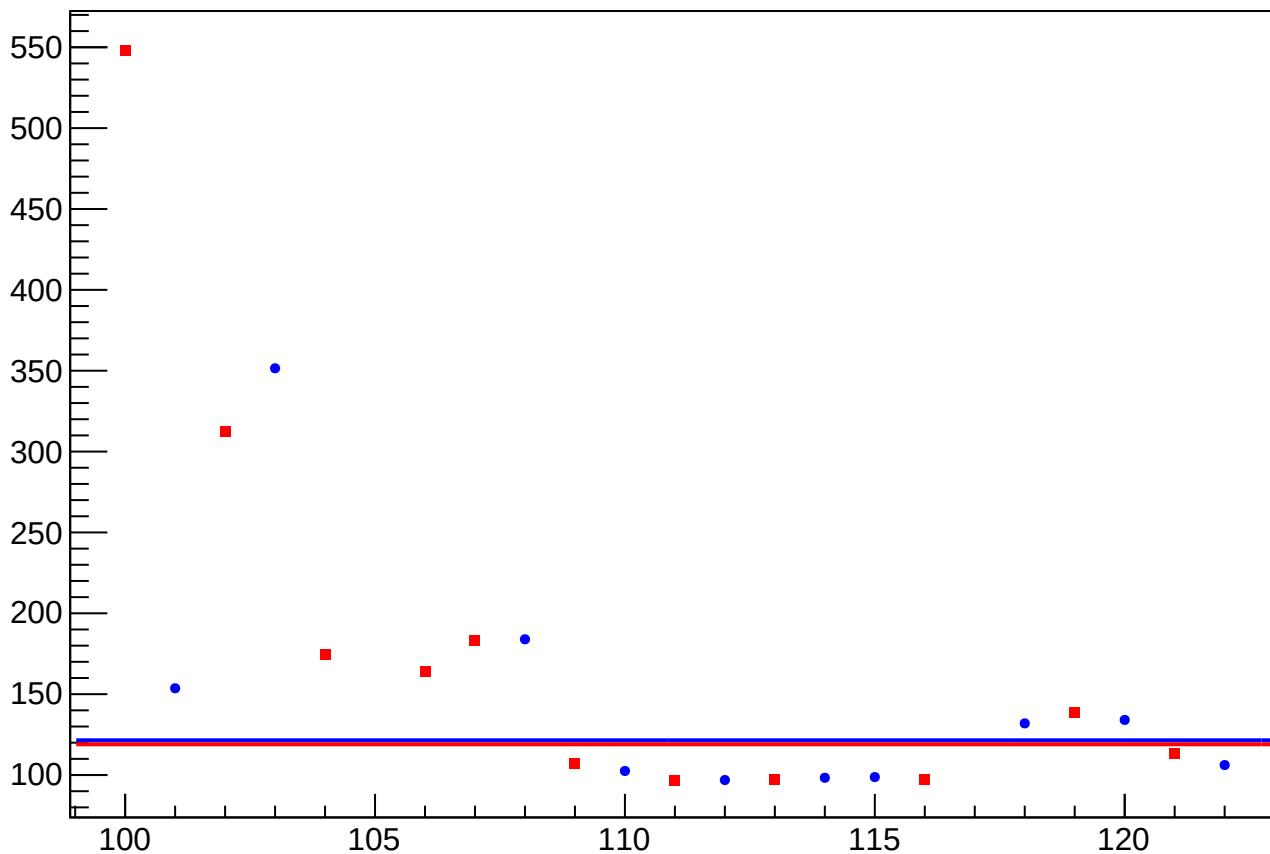
Right: 108.520+/-44.187 χ^2/NDF : 17.3/20

In: 79.941+/-64.293 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.520+/-44.187 χ^2/NDF : 17.3/20

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: 119.008+/-0.043 χ^2/NDF : 876591.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

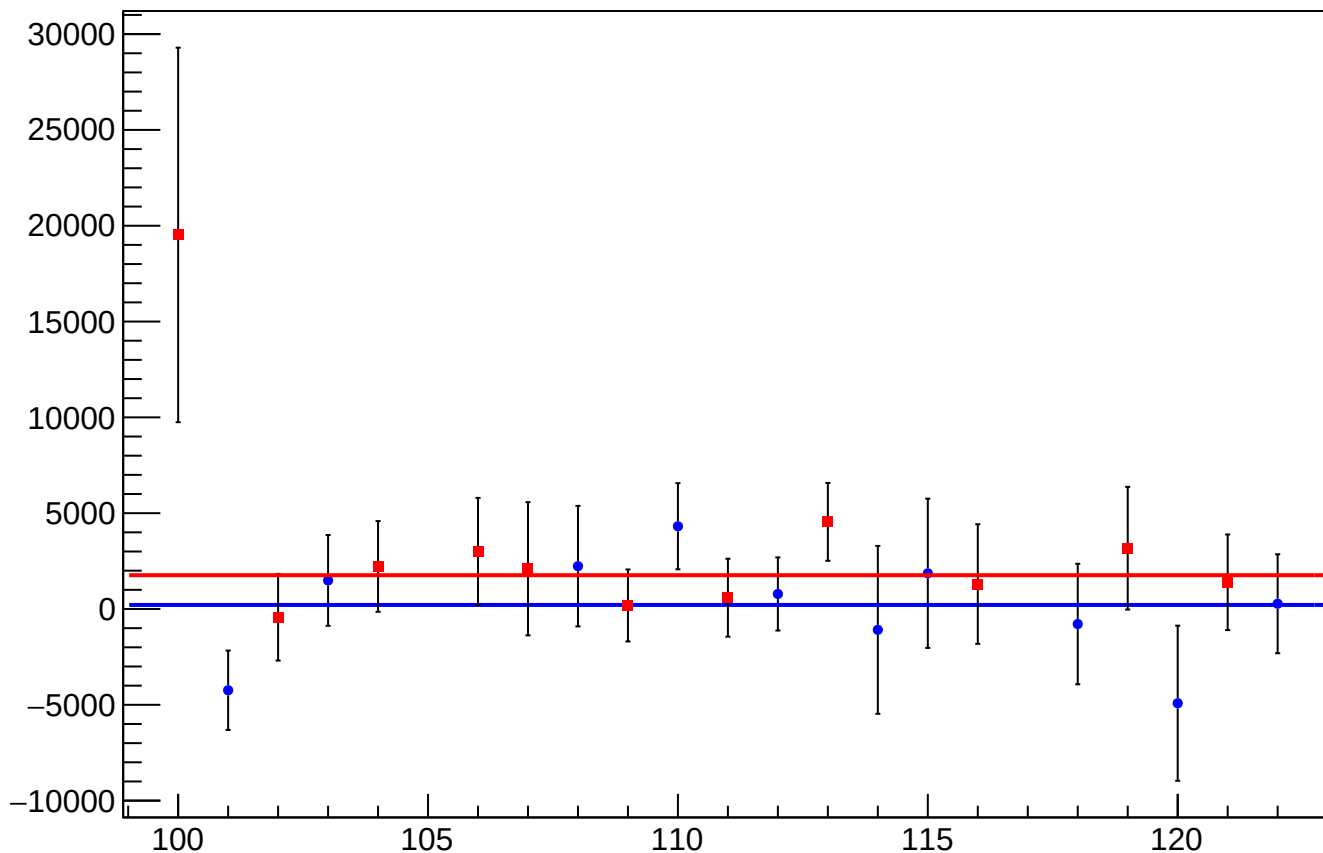
Right: 120.171+/-0.031 χ^2/NDF : 1643017.9/20

In: 121.470+/-0.045 χ^2/NDF : 764879.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.171+/-0.031 χ^2/NDF : 1643017.9/20

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: 1763.659+/-761.649 χ^2/NDF : 7.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

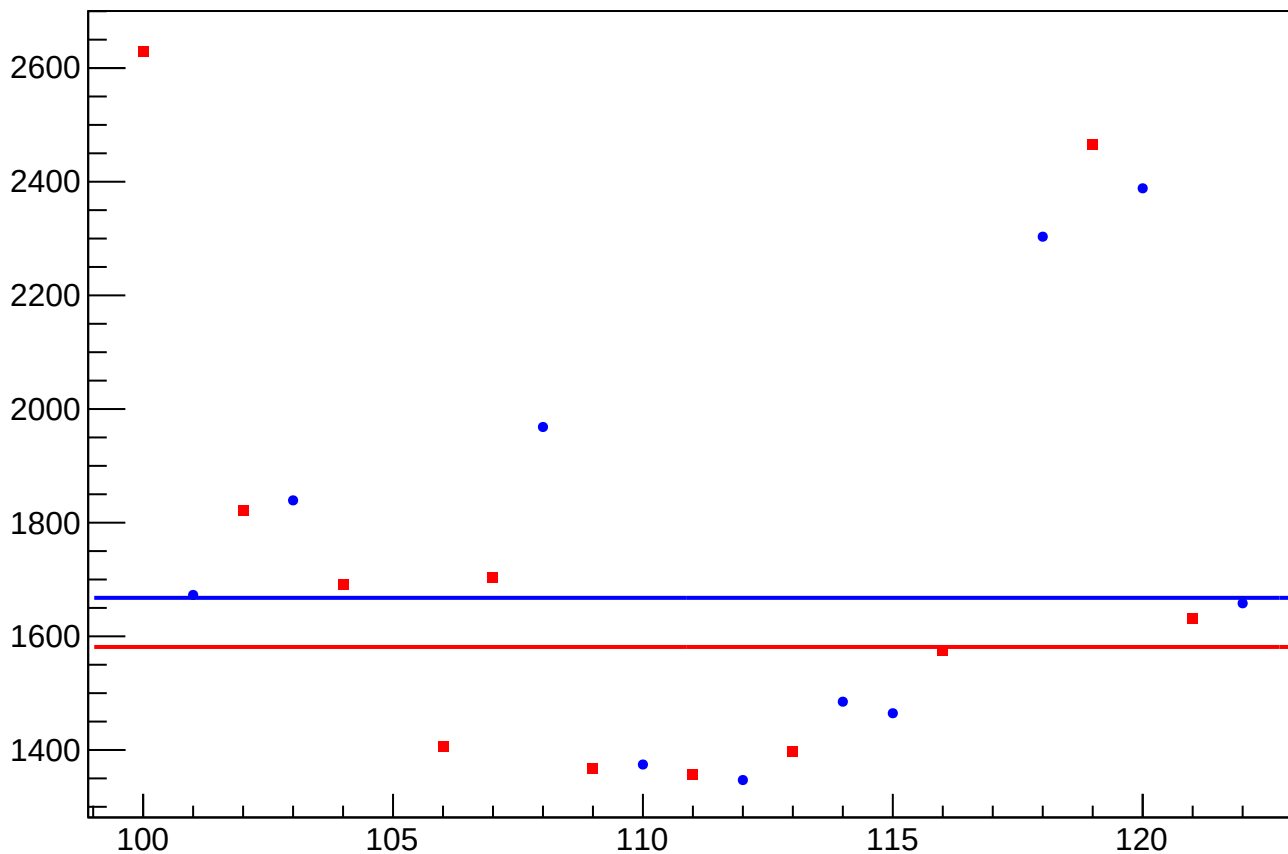
Right: 1064.175+/-564.431 χ^2/NDF : 20.2/20

In: 212.084+/-840.637 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1064.175+/-564.431 χ^2/NDF : 20.2/20

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: 1581.296+/-0.539 χ^2/NDF : 279728.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

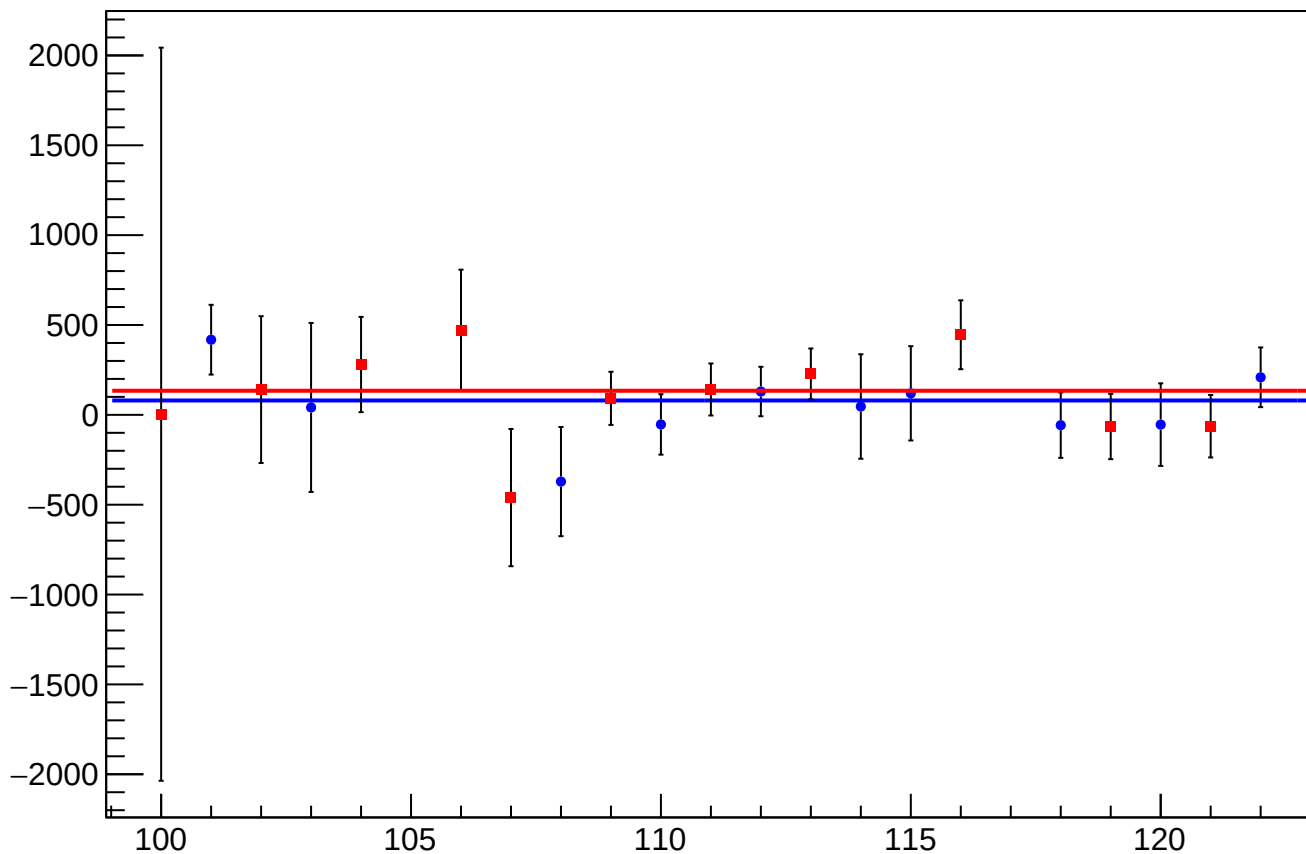
Right: 1620.273+/-0.399 χ^2/NDF : 564683.7/20

In: 1667.753+/-0.594 χ^2/NDF : 273337.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1620.273+/-0.399 χ^2/NDF : 564683.7/20

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: 134.103+/-60.831 χ^2/NDF : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

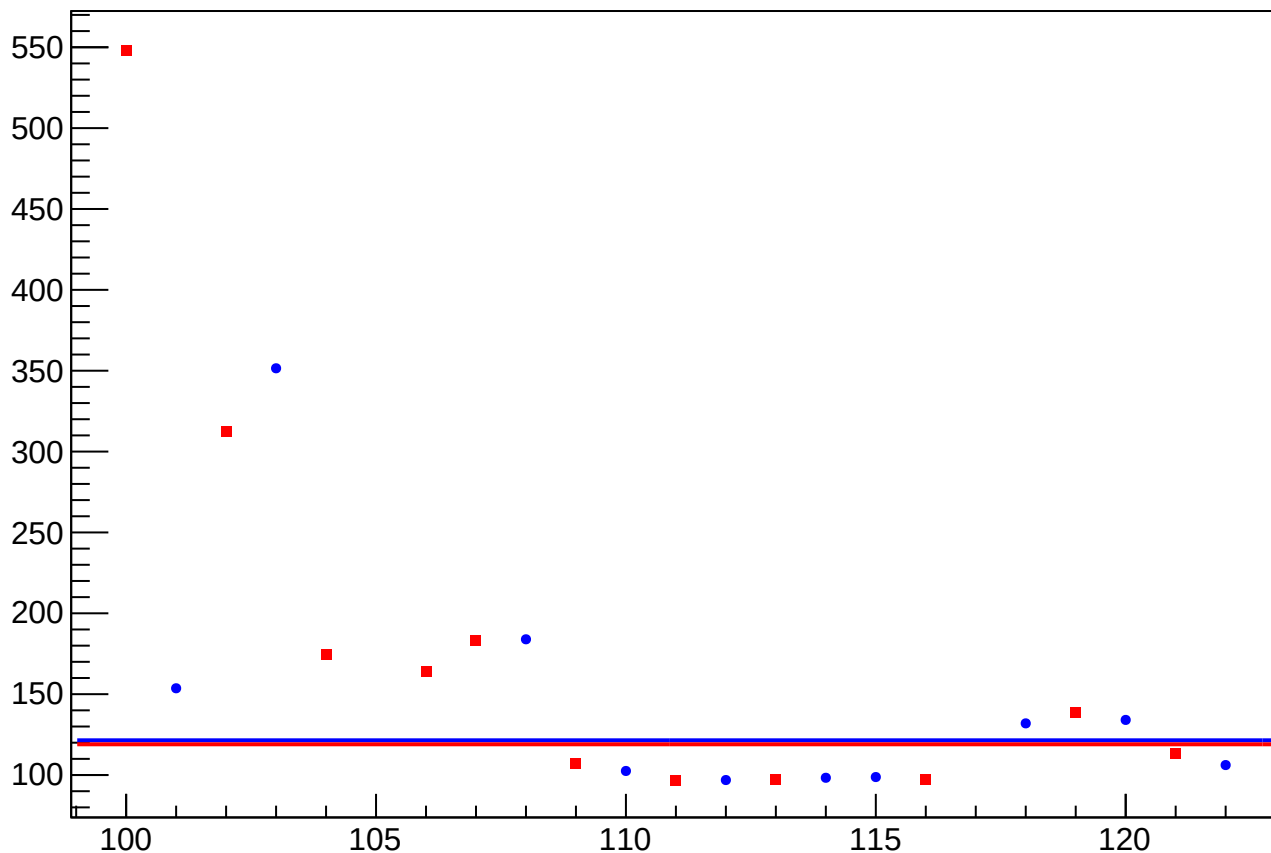
Right: 108.520+/-44.187 χ^2/NDF : 17.3/20

In: 79.941+/-64.293 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.520+/-44.187 χ^2/NDF : 17.3/20

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: 119.008+/-0.043 χ^2/NDF : 876591.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

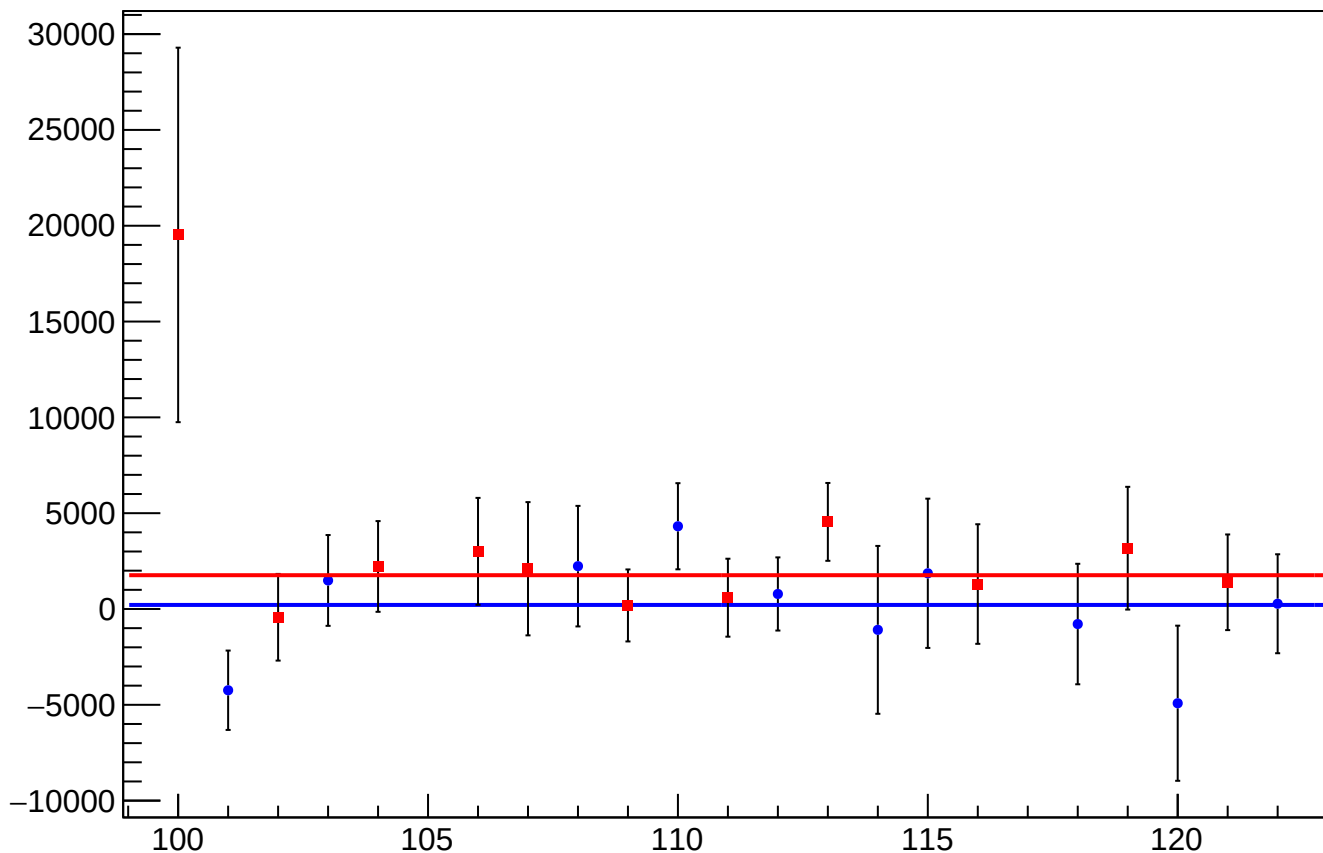
Right: 120.171+/-0.031 χ^2/NDF : 1643017.9/20

In: 121.470+/-0.045 χ^2/NDF : 764879.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.171+/-0.031 χ^2/NDF : 1643017.9/20

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: 1763.659+/-761.649 χ^2/NDF : 7.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

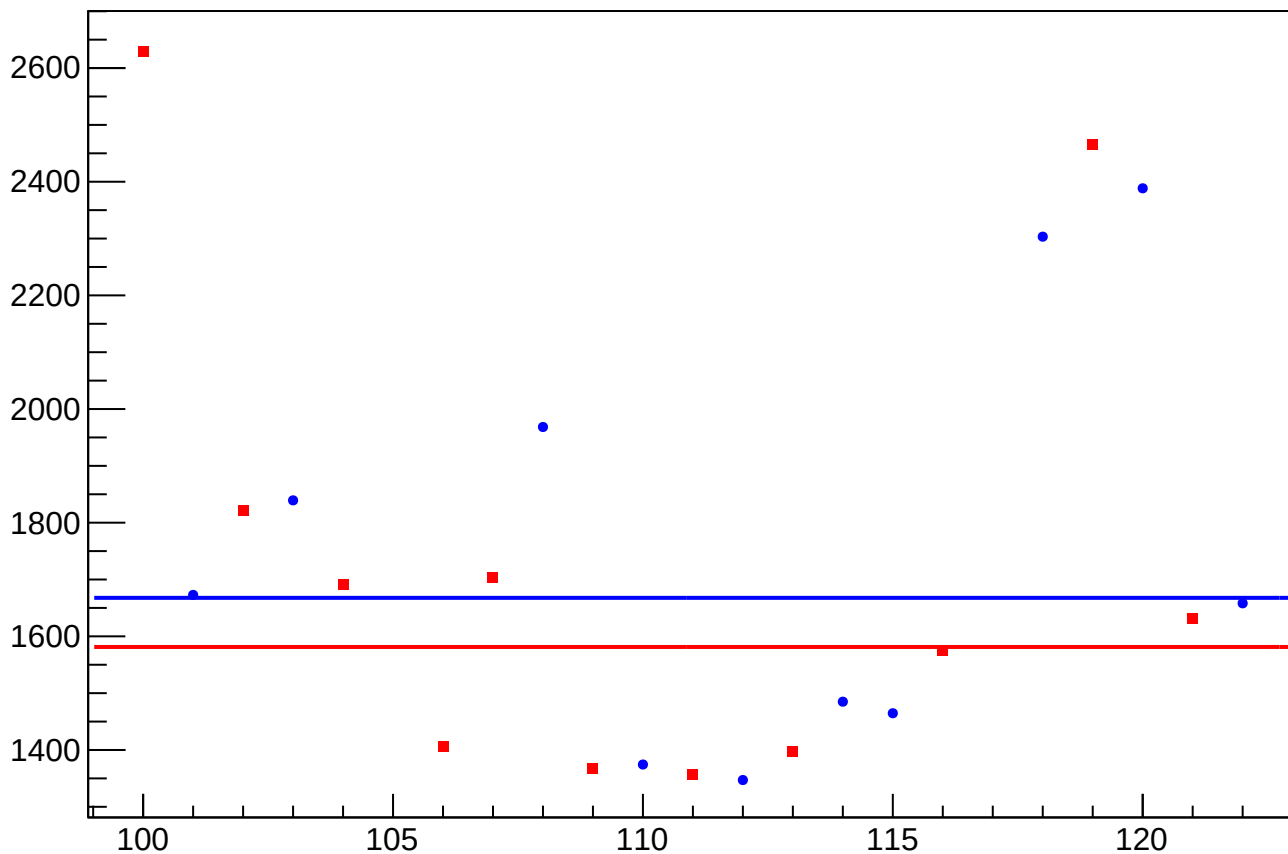
Right: 1064.175+/-564.431 χ^2/NDF : 20.2/20

In: 212.084+/-840.637 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1064.175+/-564.431 χ^2/NDF : 20.2/20

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: 1581.296+/-0.539 χ^2/NDF : 279728.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

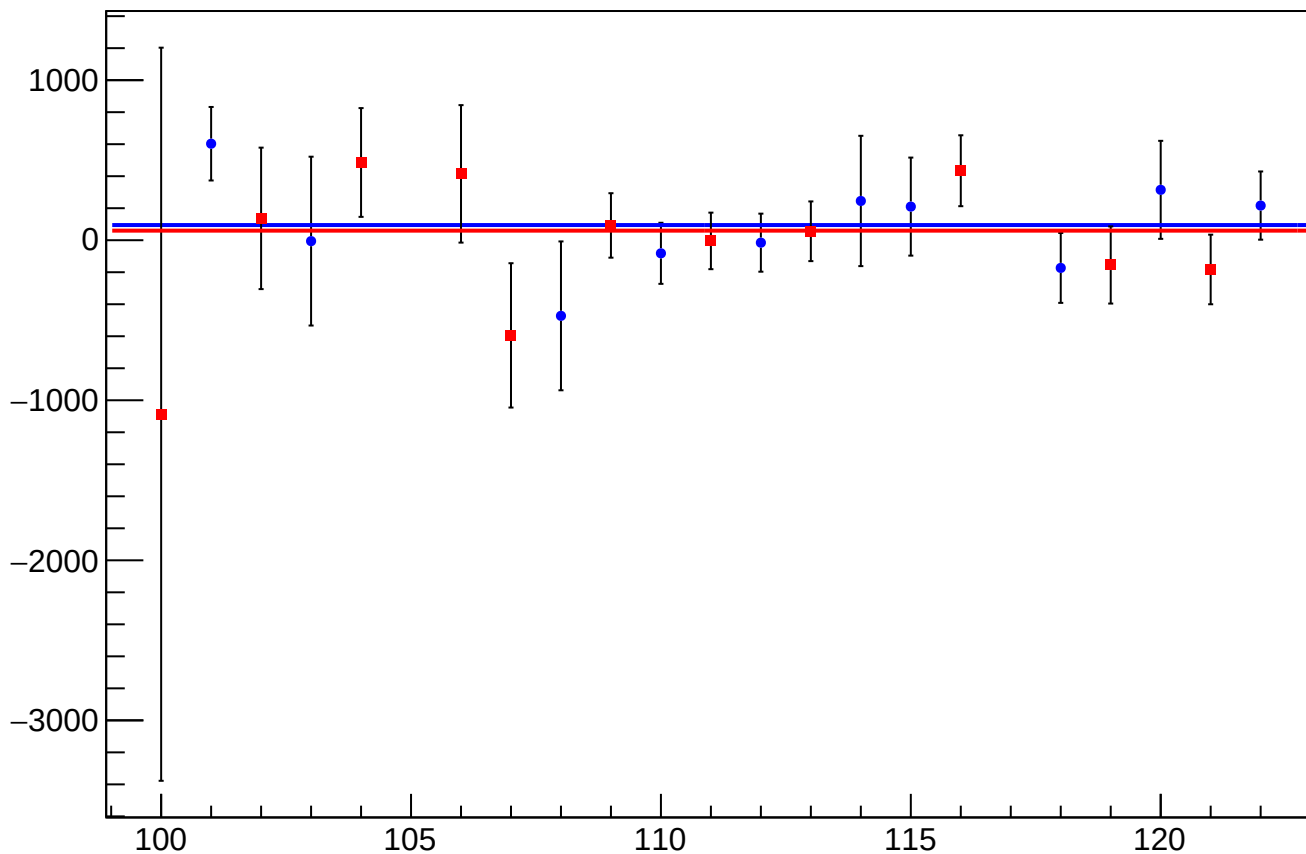
Right: 1620.273+/-0.399 χ^2/NDF : 564683.7/20

In: 1667.753+/-0.594 χ^2/NDF : 273337.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1620.273+/-0.399 χ^2/NDF : 564683.7/20

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.737 $\pm$ 80.218 χ^2 /NDF: 10.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.854 $\pm$ 77.036 χ^2 /NDF: 9.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

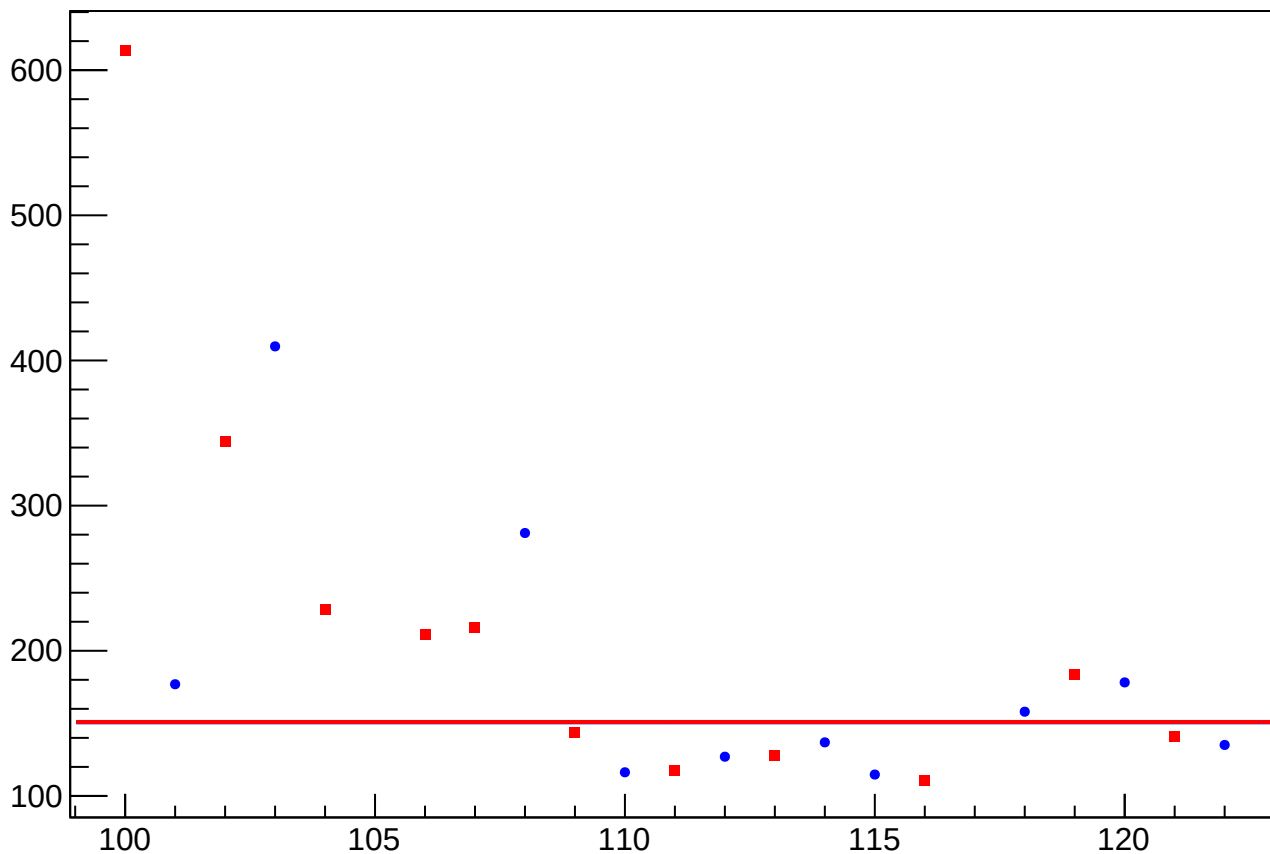
Right: 76.590 $\pm$ 55.563 χ^2 /NDF: 20.1/20

In: 94.737 $\pm$ 80.218 χ^2 /NDF:10.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.590 $\pm$ 55.563 χ^2 /NDF: 20.1/20

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: 150.982+/-0.054 χ^2/NDF : 861938.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

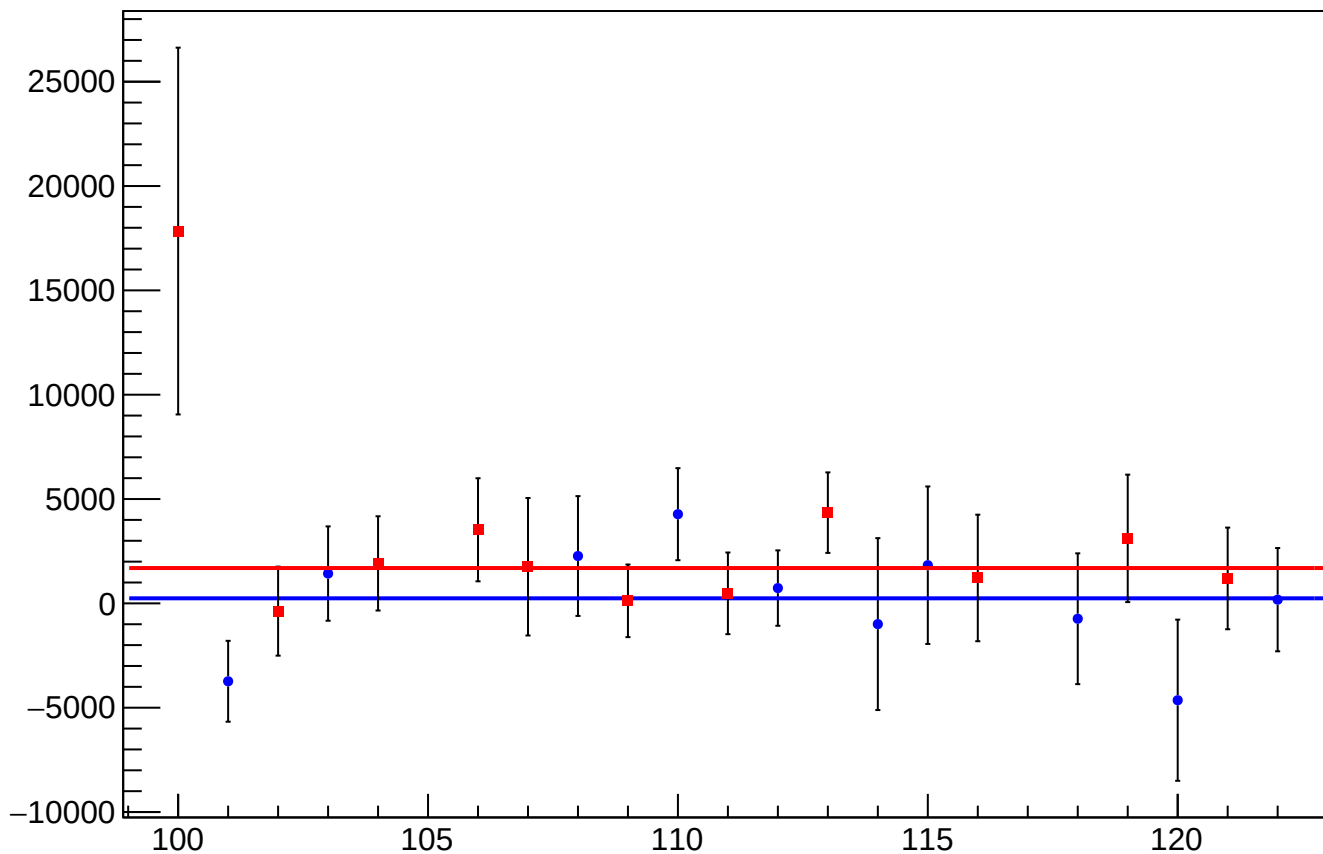
Right: 150.863+/-0.039 χ^2/NDF : 1685726.1/20

In: 150.735+/-0.057 χ^2/NDF : 823778.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.863+/-0.039 χ^2/NDF : 1685726.1/20

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: 1693.086+/-719.870 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

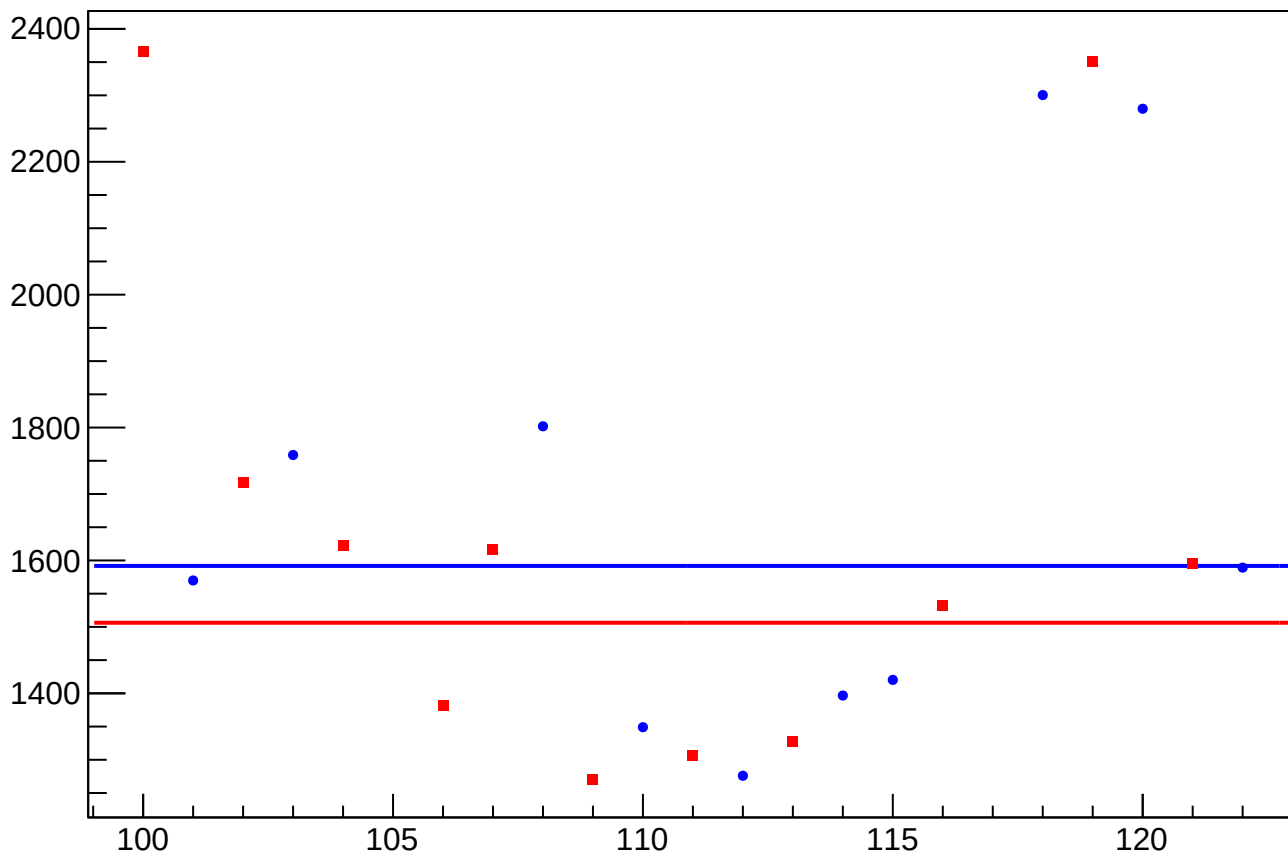
Right: 1045.384+/-535.582 χ^2/NDF : 20.4/20

In: 242.356+/-801.552 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1045.384+/-535.582 χ^2/NDF : 20.4/20

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: 1506.234+/-0.509 χ^2/NDF : 282076.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

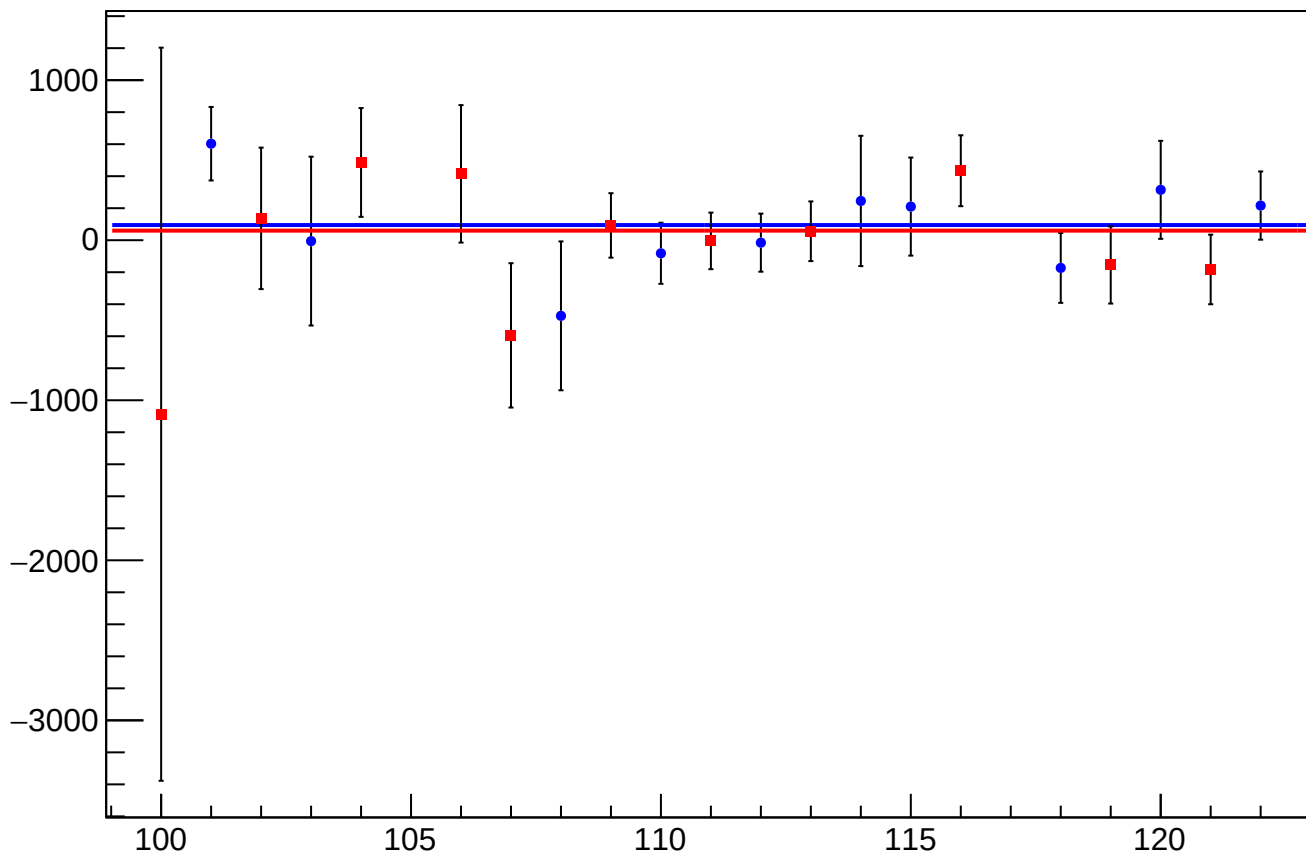
Right: 1544.426+/-0.379 χ^2/NDF : 576263.1/20

In: 1591.778+/-0.567 χ^2/NDF : 281577.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.426+/-0.379 χ^2/NDF : 576263.1/20

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: 59.852+/-77.036 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

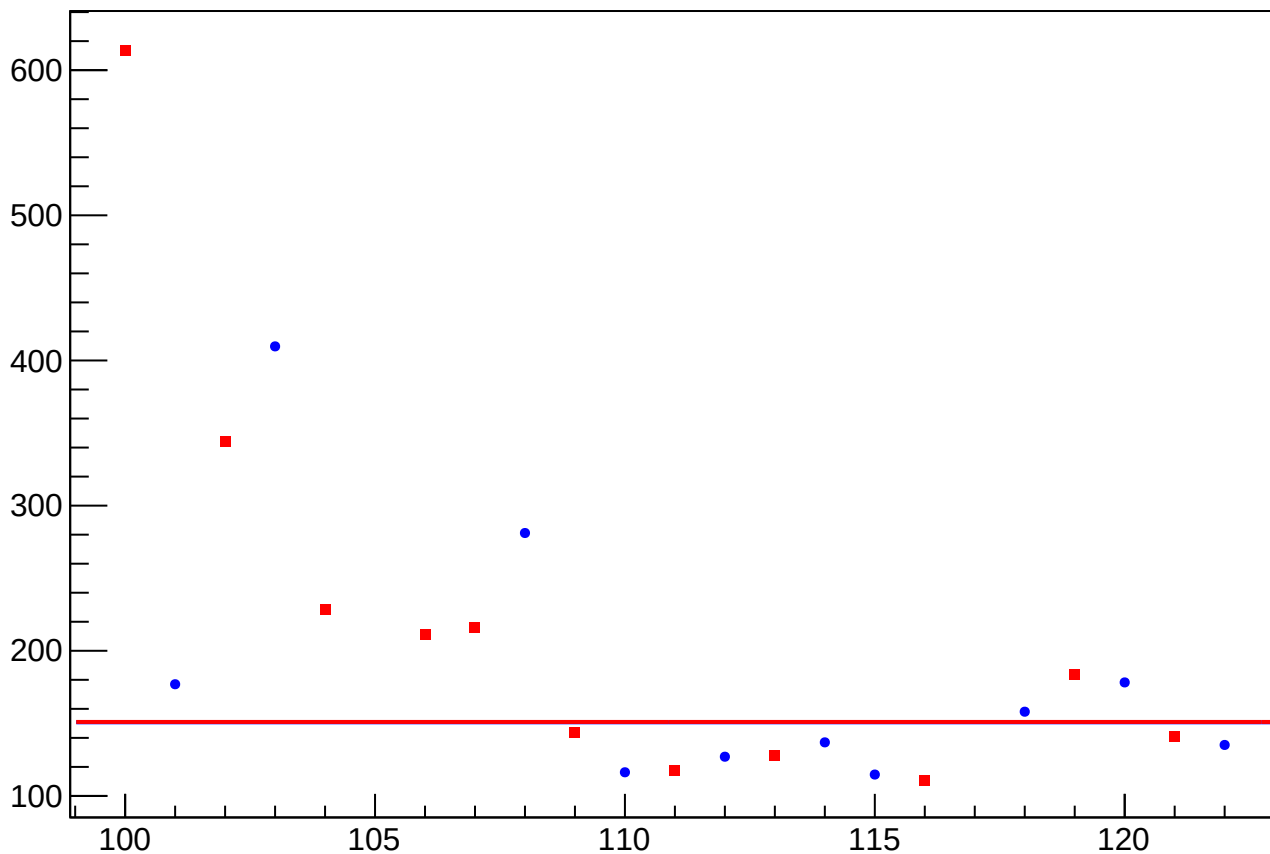
Right: 76.588+/-55.564 χ^2/NDF : 20.1/20

In: 94.734+/-80.218 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.588+/-55.564 χ^2/NDF : 20.1/20

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: 150.982+/-0.054 χ^2/NDF : 861934.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

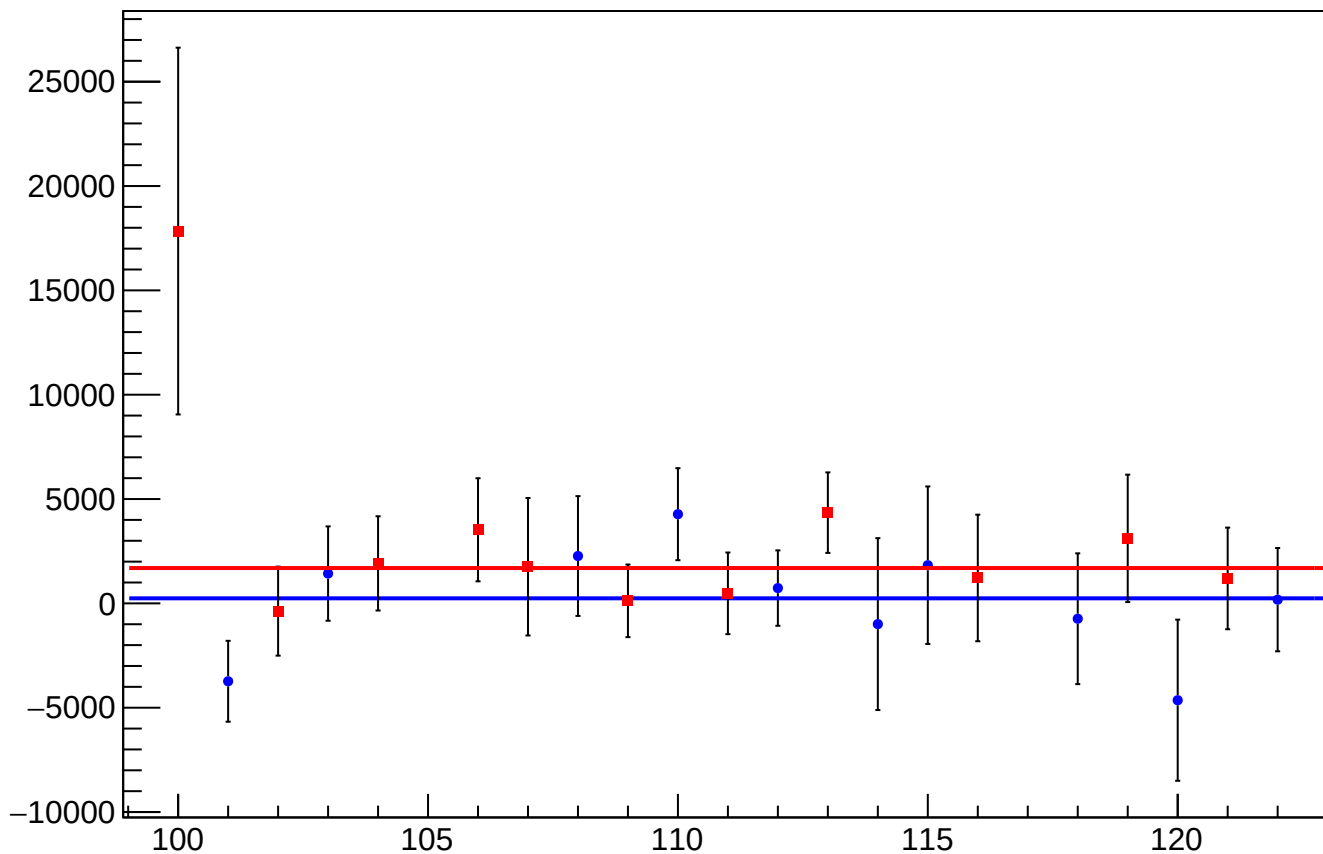
Right: 150.864+/-0.039 χ^2/NDF : 1685717.0/20

In: 150.736+/-0.057 χ^2/NDF : 823772.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.864+/-0.039 χ^2/NDF : 1685717.0/20

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: 1693.082+/-719.869 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

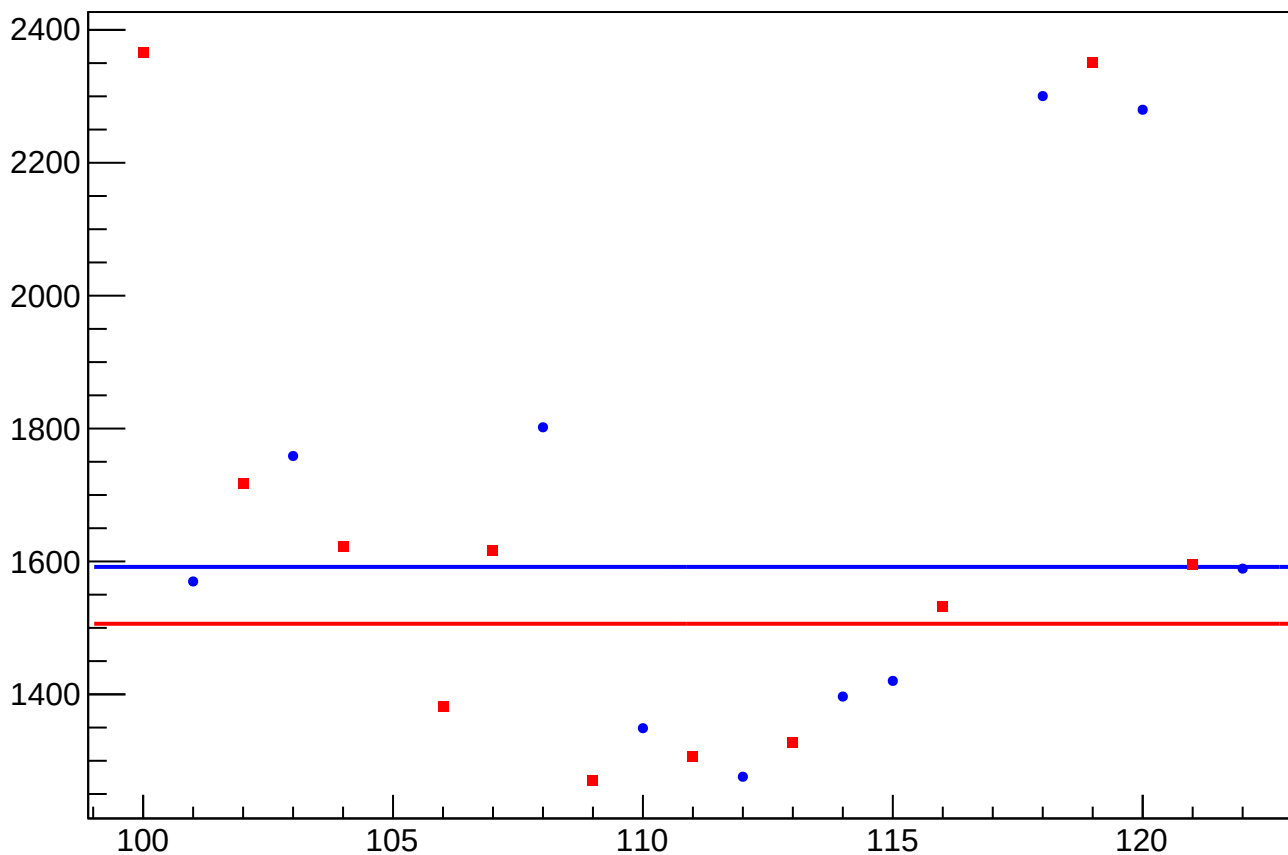
Right: 1045.381+/-535.581 χ^2/NDF : 20.4/20

In: 242.355+/-801.550 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1045.381+/-535.581 χ^2/NDF : 20.4/20

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: 1506.231+/-0.509 χ^2/NDF : 282076.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

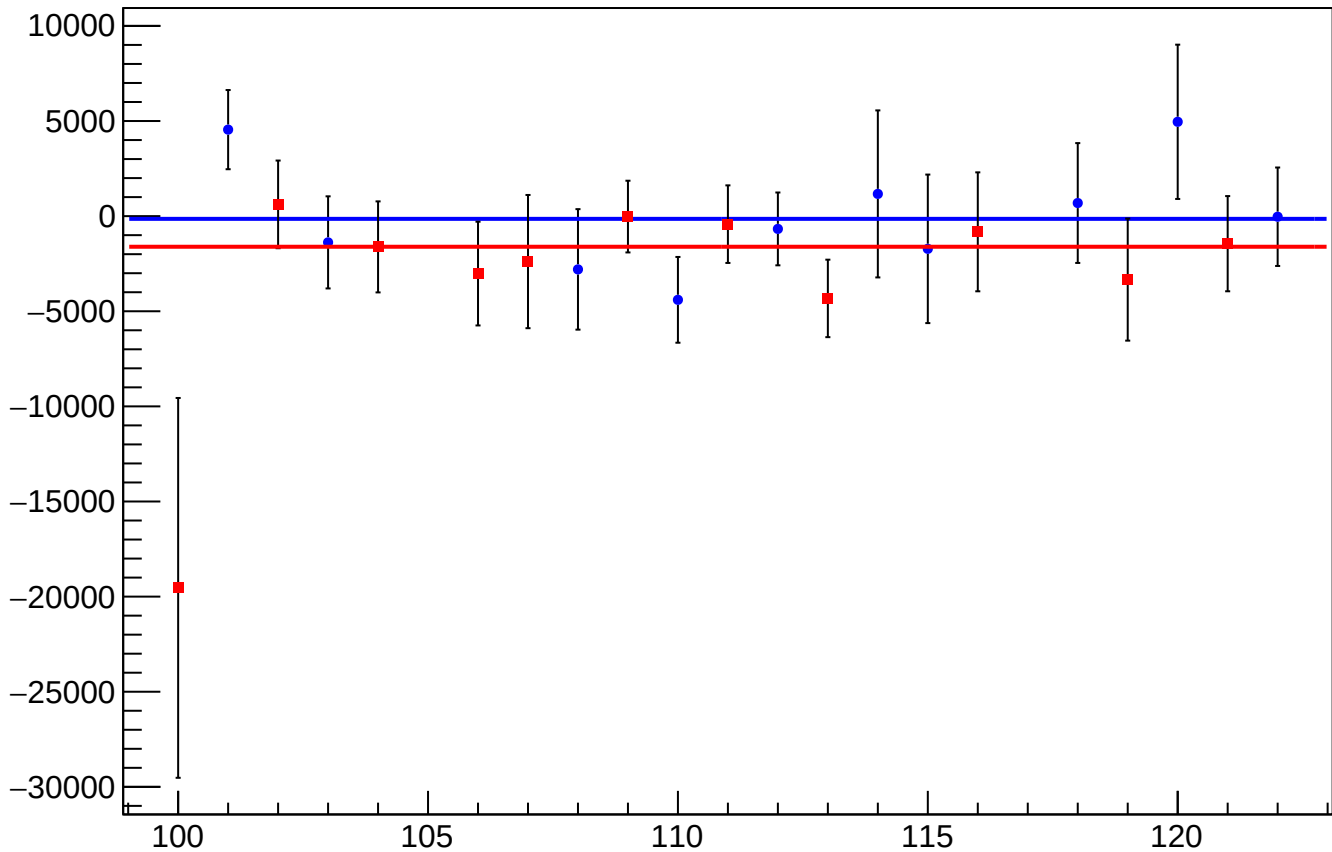
Right: 1544.424+/-0.379 χ^2/NDF : 576265.3/20

In: 1591.775+/-0.567 χ^2/NDF : 281579.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.424+/-0.379 χ^2/NDF : 576265.3/20

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: -1608.913+/-764.371 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

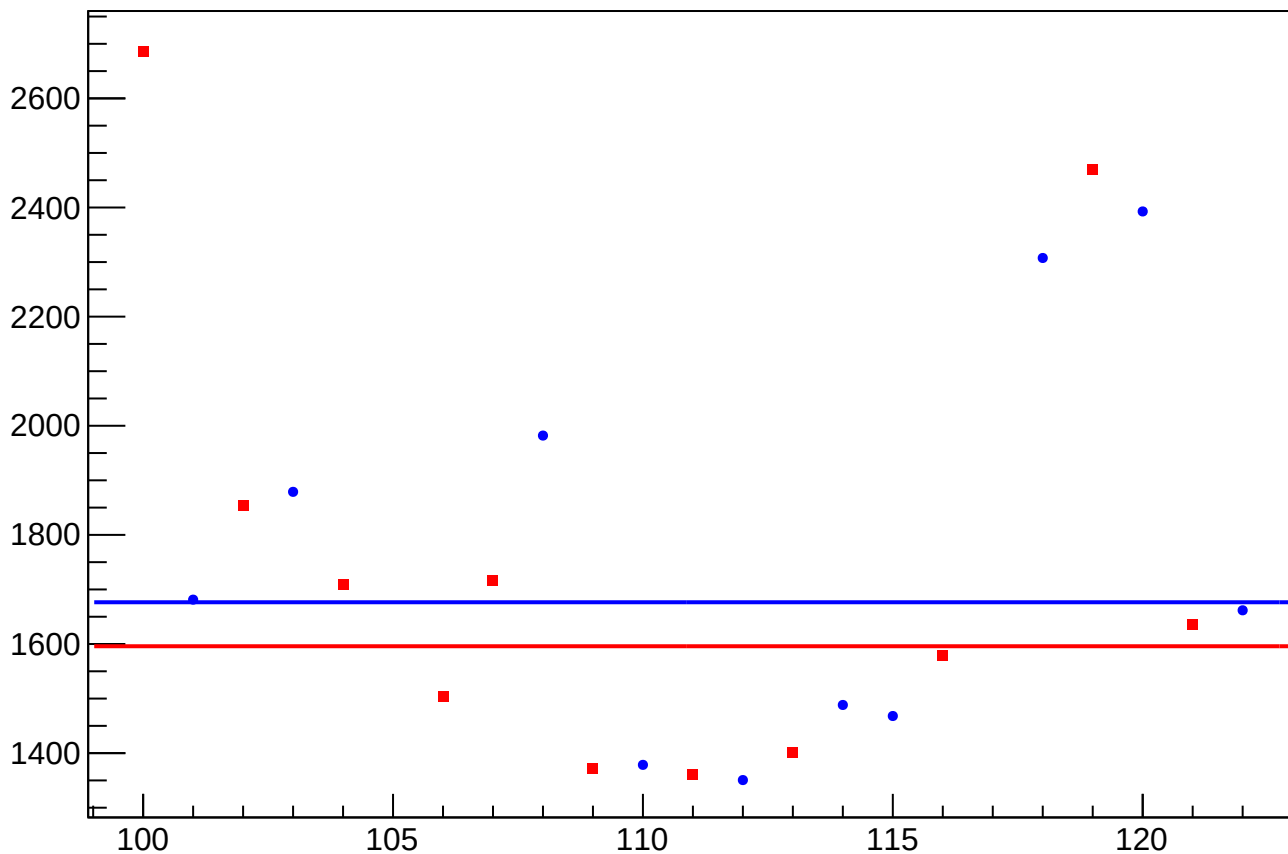
Right: -949.345+/-566.957 χ^2/NDF : 20.9/20

In: -142.670+/-845.325 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -949.345+/-566.957 χ^2/NDF : 20.9/20

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: 1595.915+/-0.540 χ^2/NDF : 280111.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

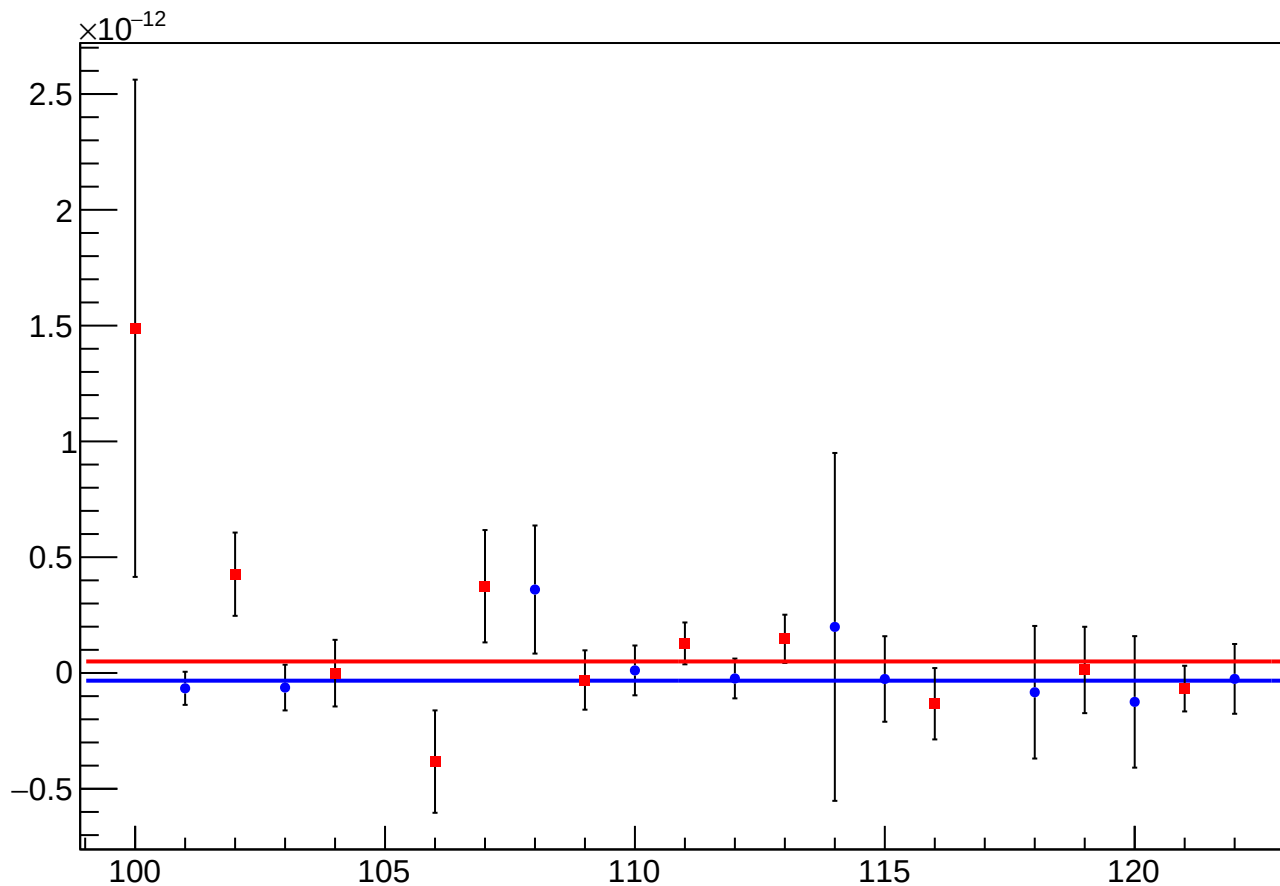
Right: 1632.176+/-0.401 χ^2/NDF : 567755.5/20

In: 1676.525+/-0.598 χ^2/NDF : 277638.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.176+/-0.401 χ^2/NDF : 567755.5/20

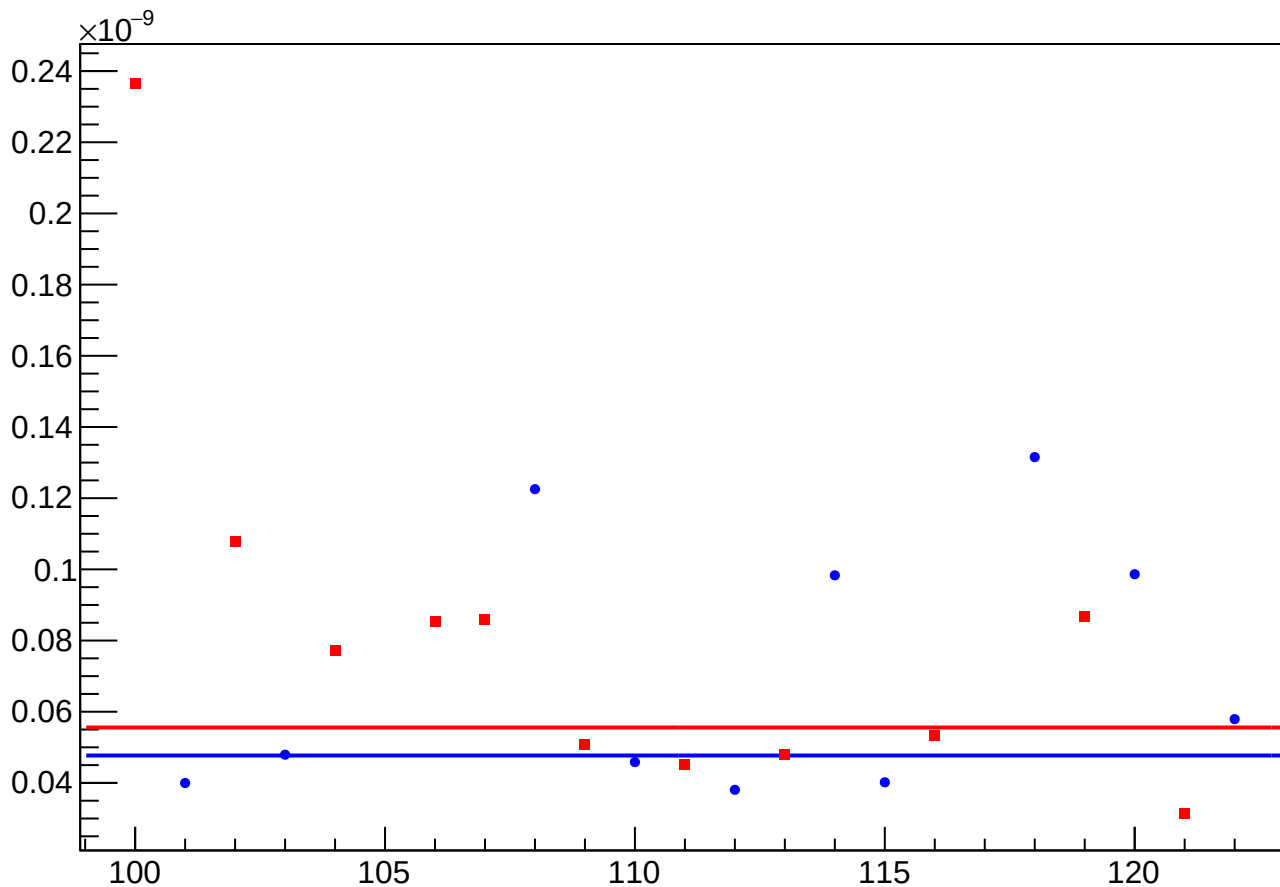
asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 16.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 21.6/20
 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 : 21.6/20

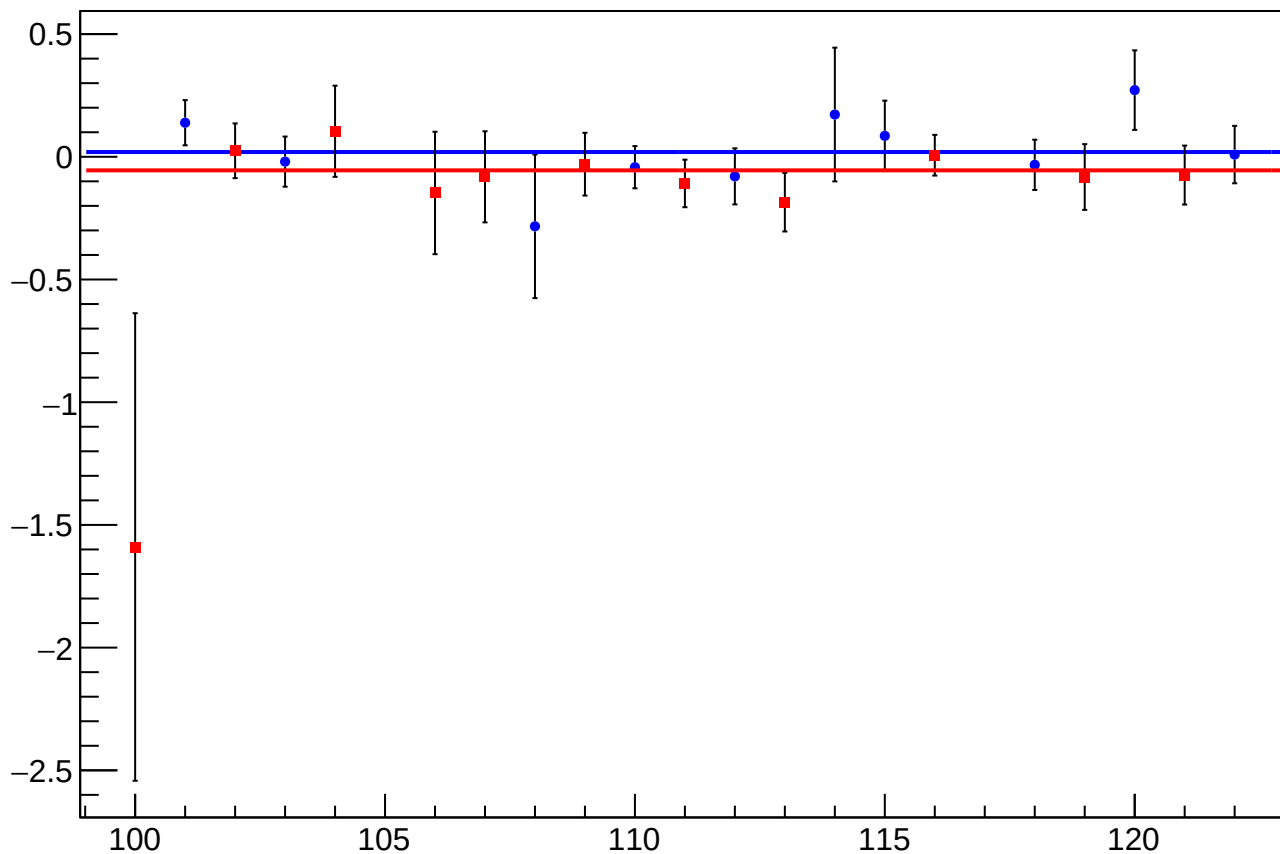
asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 554681.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1044936.0/20
 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 : 1044936.0/20

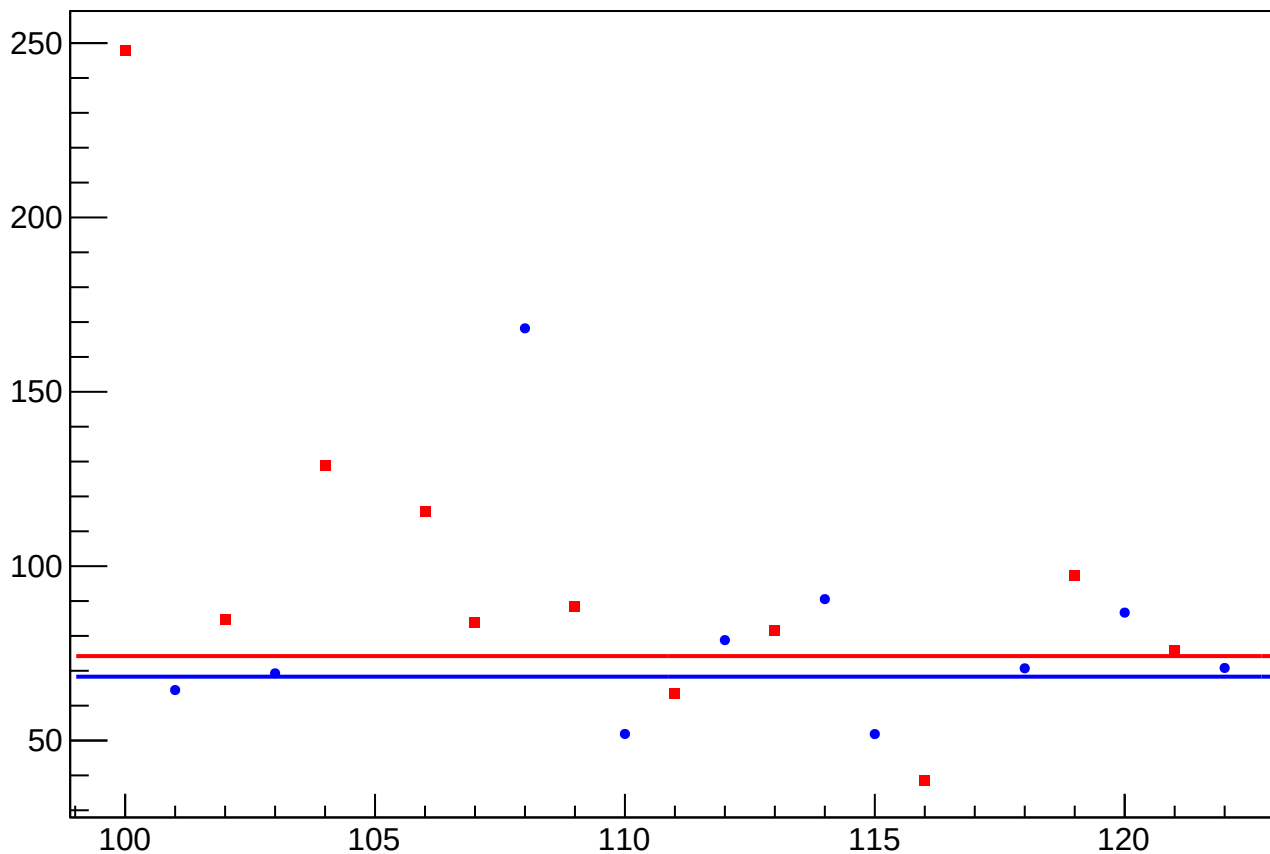
asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.055+/-0.039 χ^2/NDF : 6.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.017+/-0.027 χ^2/NDF : 15.4/20
 In: 0.019+/-0.038 χ^2/NDF : 7.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.017+/-0.027 χ^2/NDF : 15.4/20

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: 74.212+/-0.027 χ^2/NDF : 806322.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

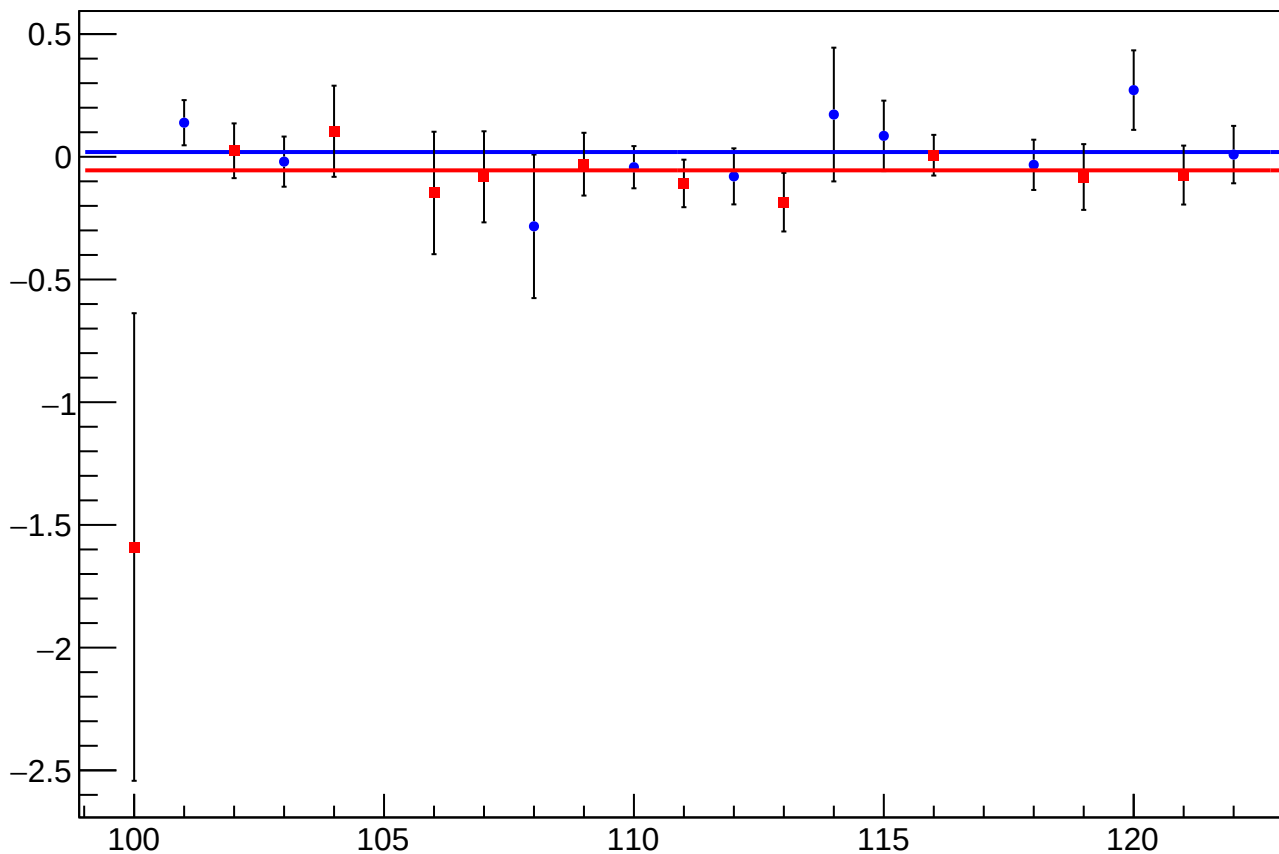
Right: 71.171+/-0.019 χ^2/NDF : 1224343.0/20

In: 68.311+/-0.027 χ^2/NDF : 394191.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.171+/-0.019 χ^2/NDF : 1224343.0/20

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: -0.055+/-0.039 χ^2 /NDF: 6.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

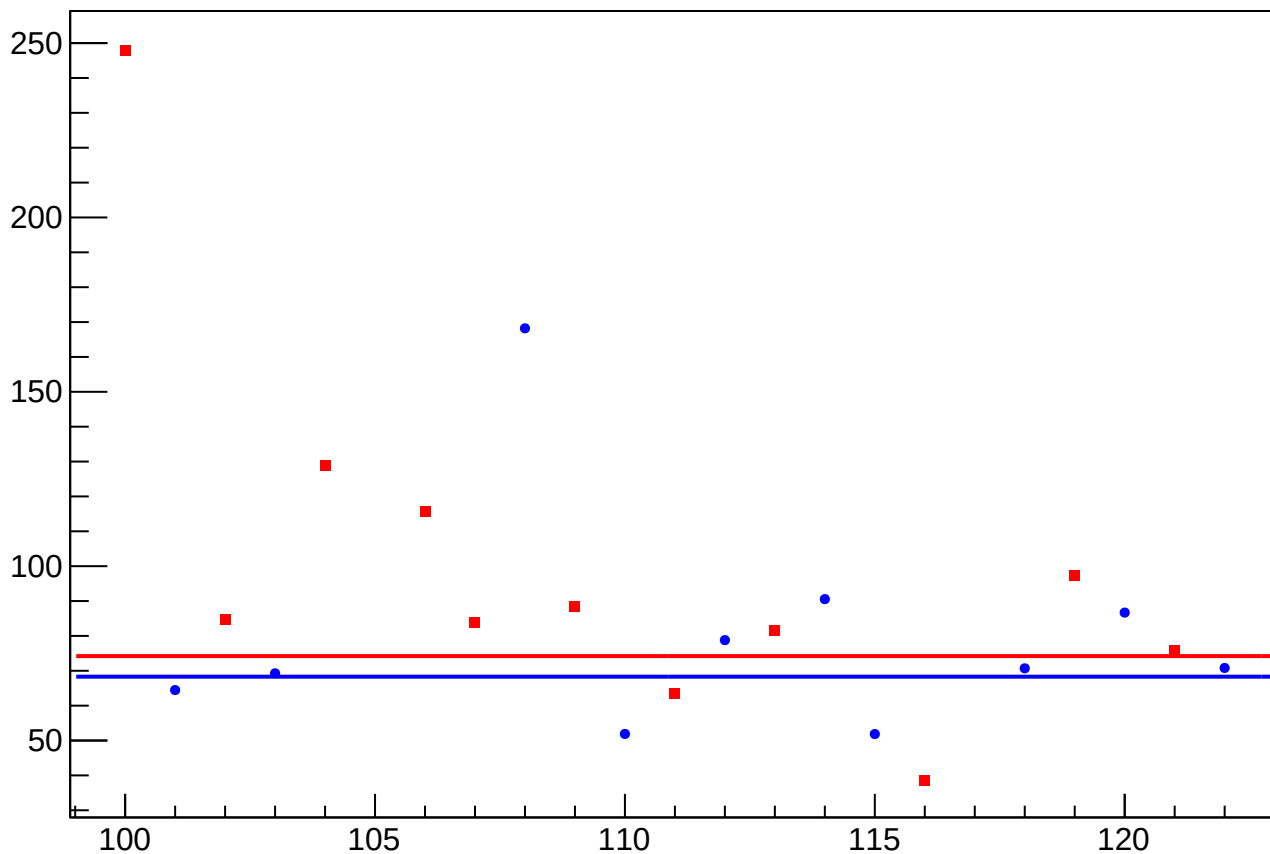
Right: -0.017+/-0.027 χ^2 /NDF: 15.4/20

In: 0.019+/-0.038 χ^2 /NDF:7.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.017+/-0.027 χ^2 /NDF: 15.4/20

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: 74.212+/-0.027 χ^2/NDF : 806322.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

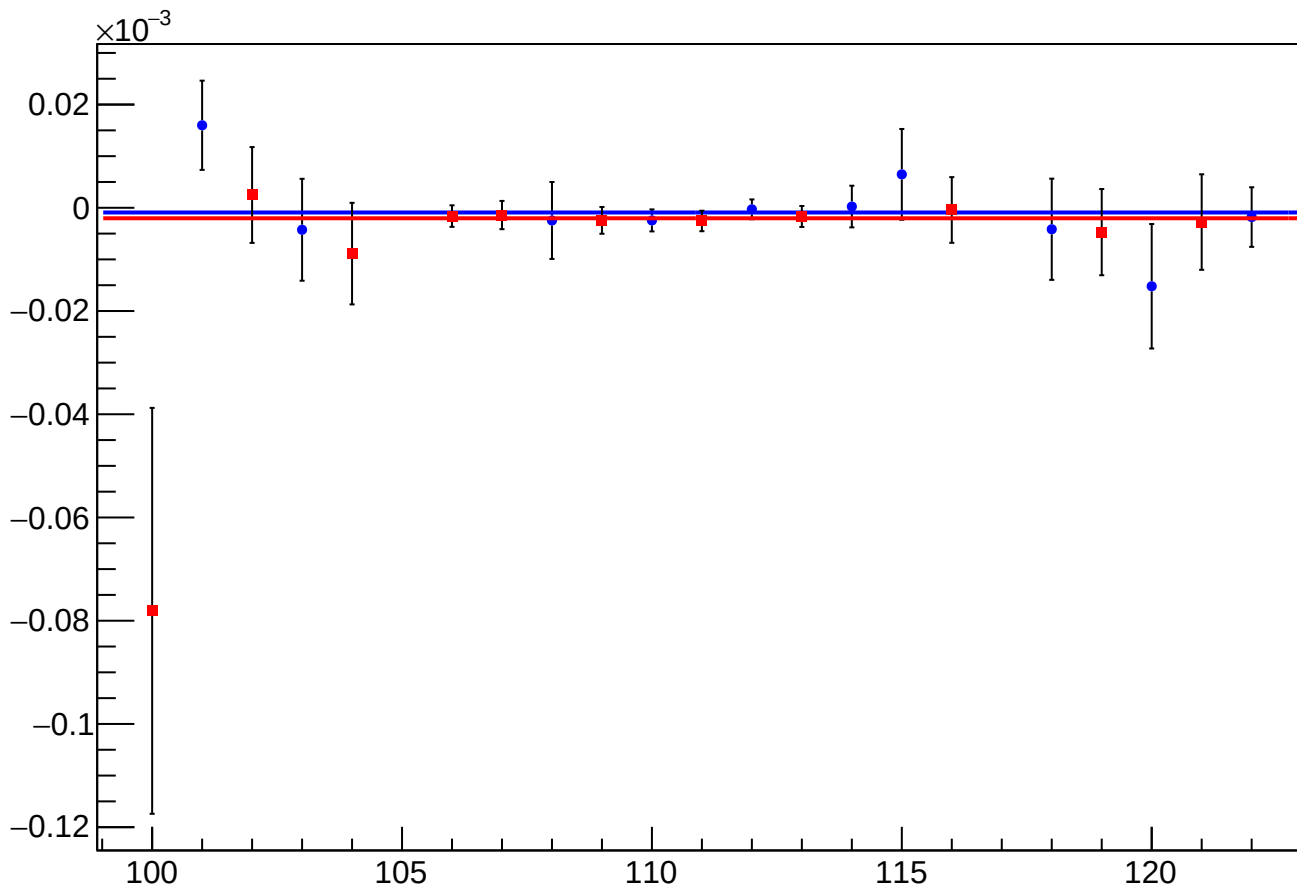
Right: 71.171+/-0.019 χ^2/NDF : 1224343.0/20

In: 68.311+/-0.027 χ^2/NDF : 394191.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.171+/-0.019 χ^2/NDF : 1224343.0/20

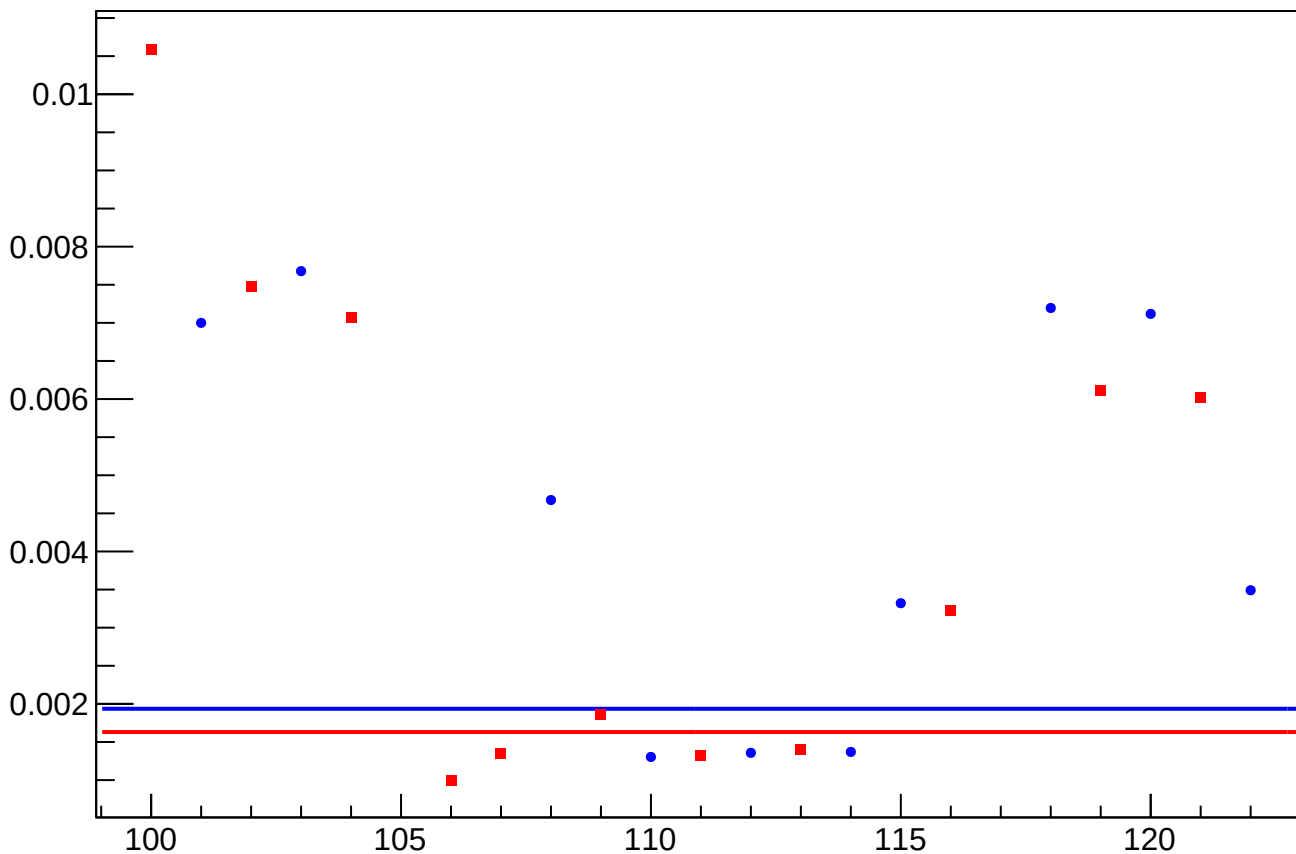
asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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: 4.9/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 12.3/20
 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: 12.3/20

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 : 2956611.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

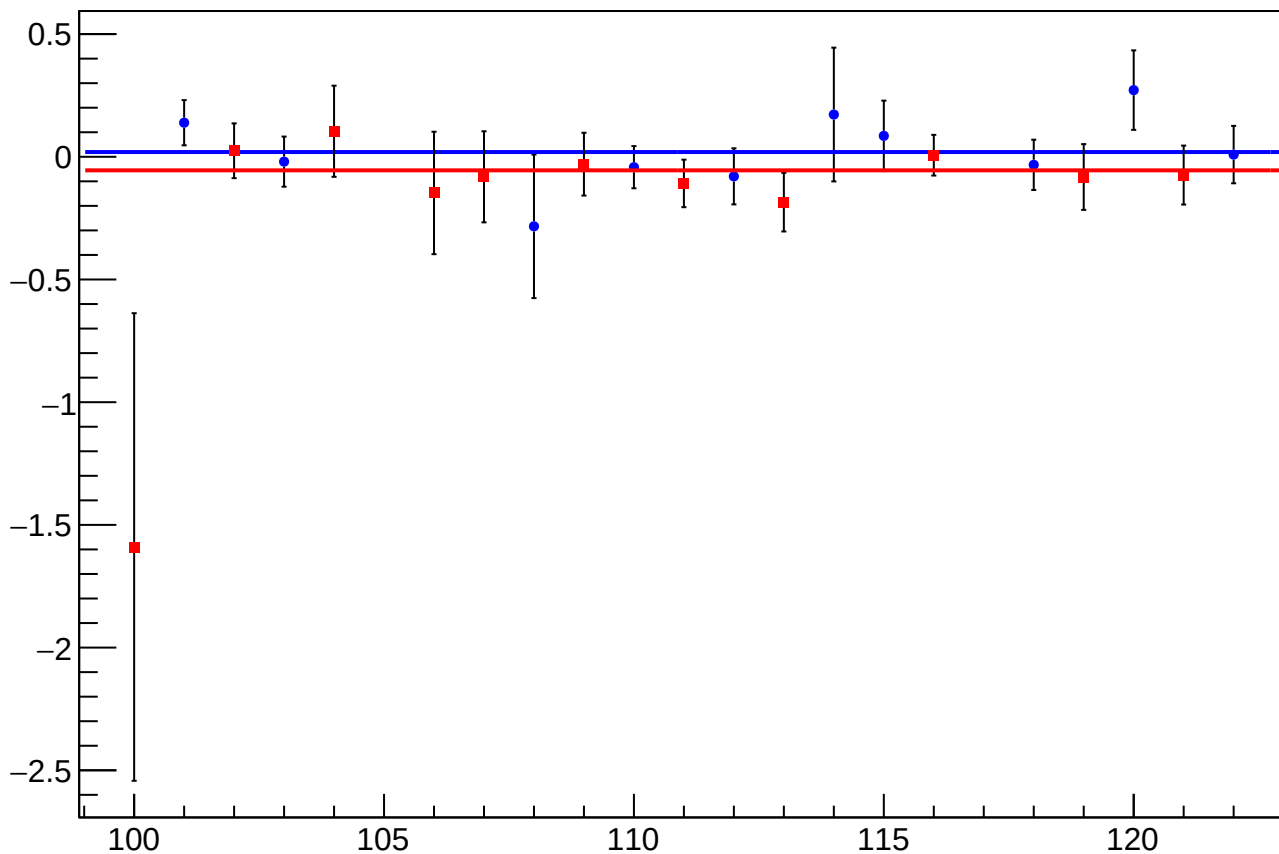
Right: 0.002+/-0.000 χ^2/NDF : 6202809.2/20

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 : 6202809.2/20

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: -0.055+/-0.039 χ^2/NDF : 6.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

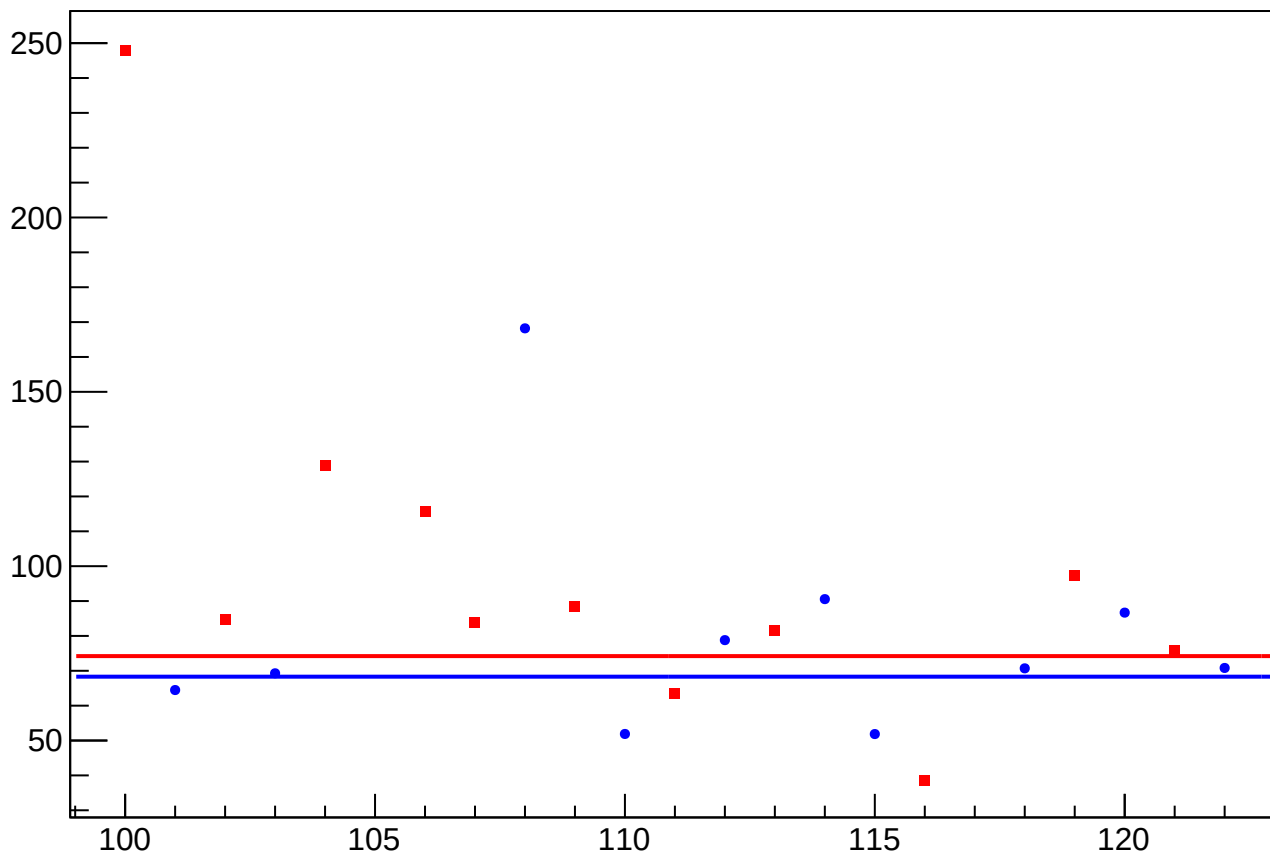
Right: -0.017+/-0.027 χ^2/NDF : 15.4/20

In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.027 χ^2/NDF : 15.4/20

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: 74.214+/-0.027 χ^2/NDF : 806320.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

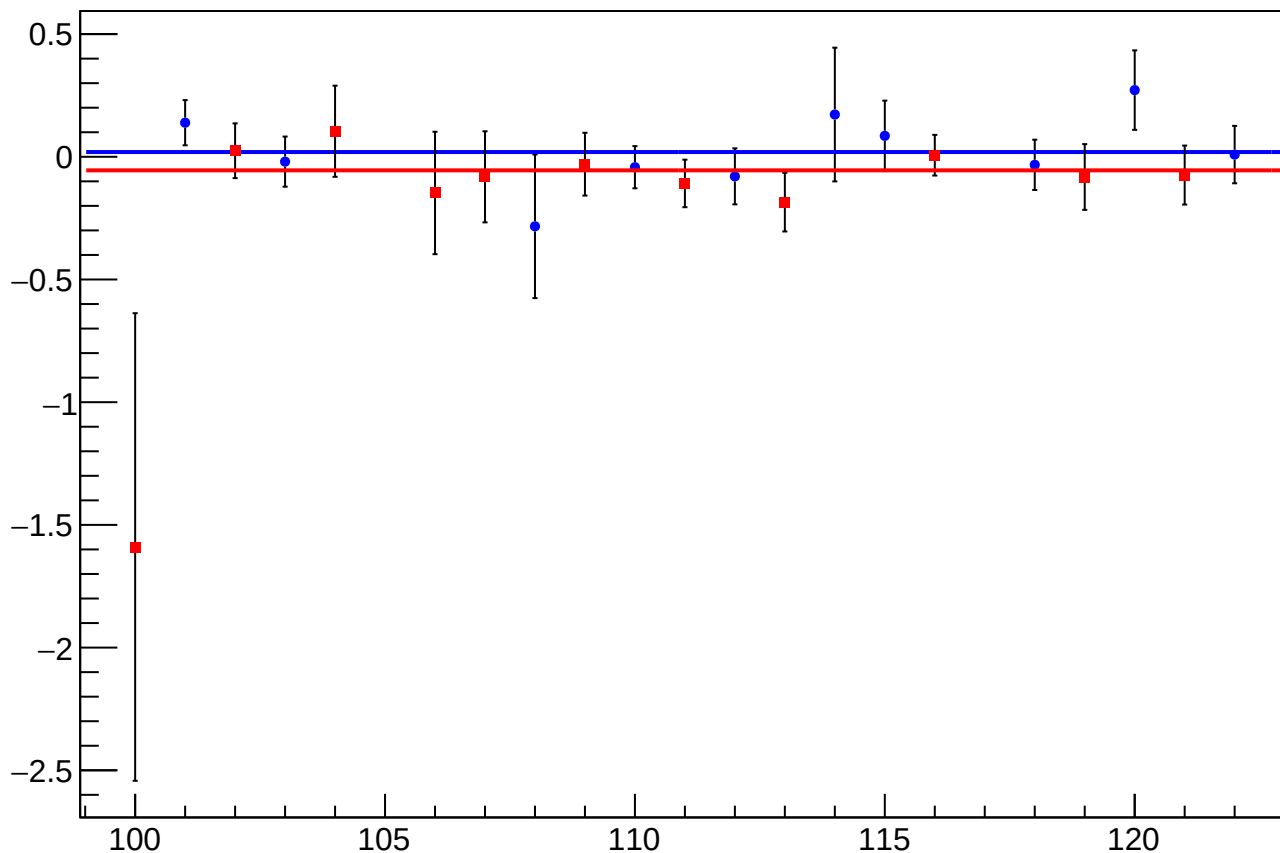
Right: 71.173+/-0.019 χ^2/NDF : 1224304.0/20

In: 68.314+/-0.027 χ^2/NDF : 394163.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.173+/-0.019 χ^2/NDF : 1224304.0/20

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.038 χ^2 /NDF: 7.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.055 $\pm$ 0.039 χ^2 /NDF: 6.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

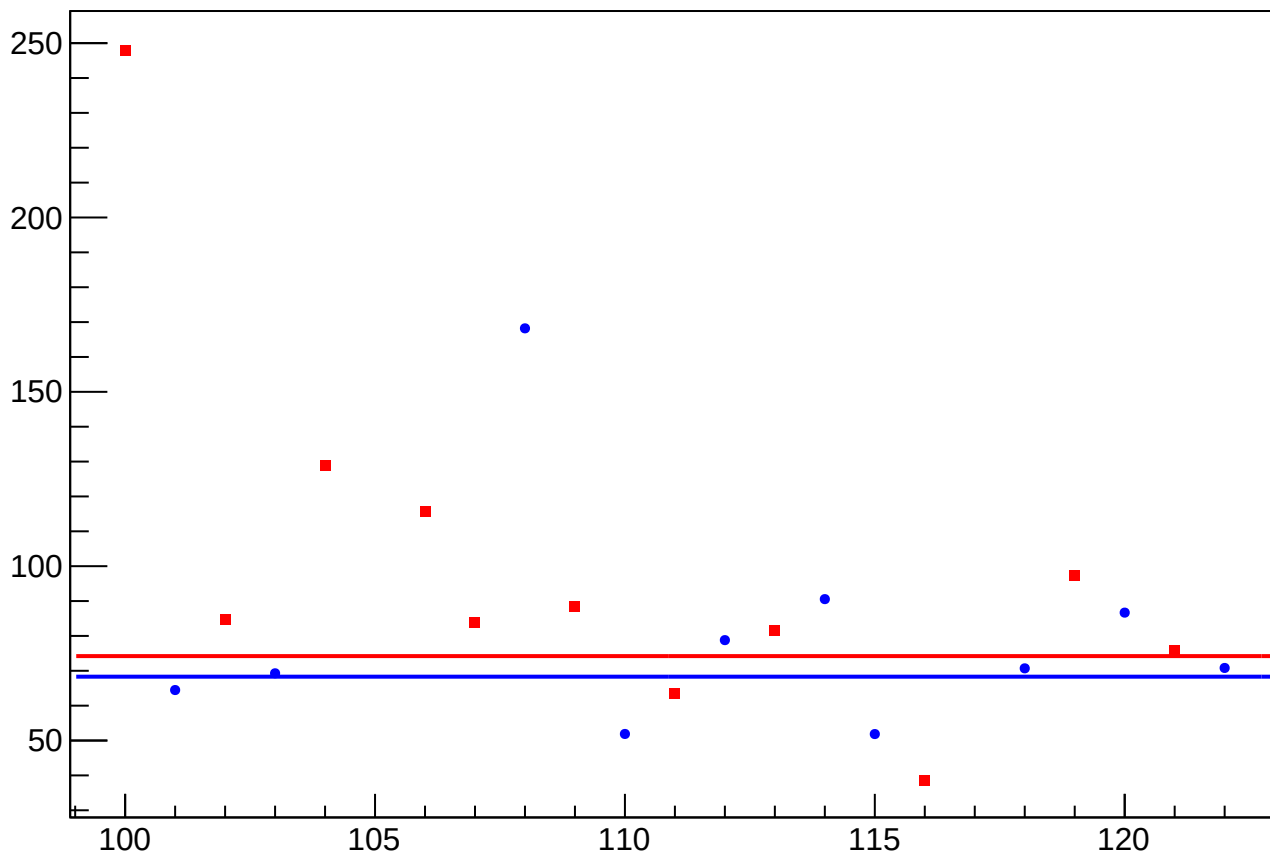
Right: -0.017 $\pm$ 0.027 χ^2 /NDF: 15.4/20

In: 0.019 $\pm$ 0.038 χ^2 /NDF:7.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.027 χ^2 /NDF: 15.4/20

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: 74.214+/-0.027 χ^2/NDF : 806320.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

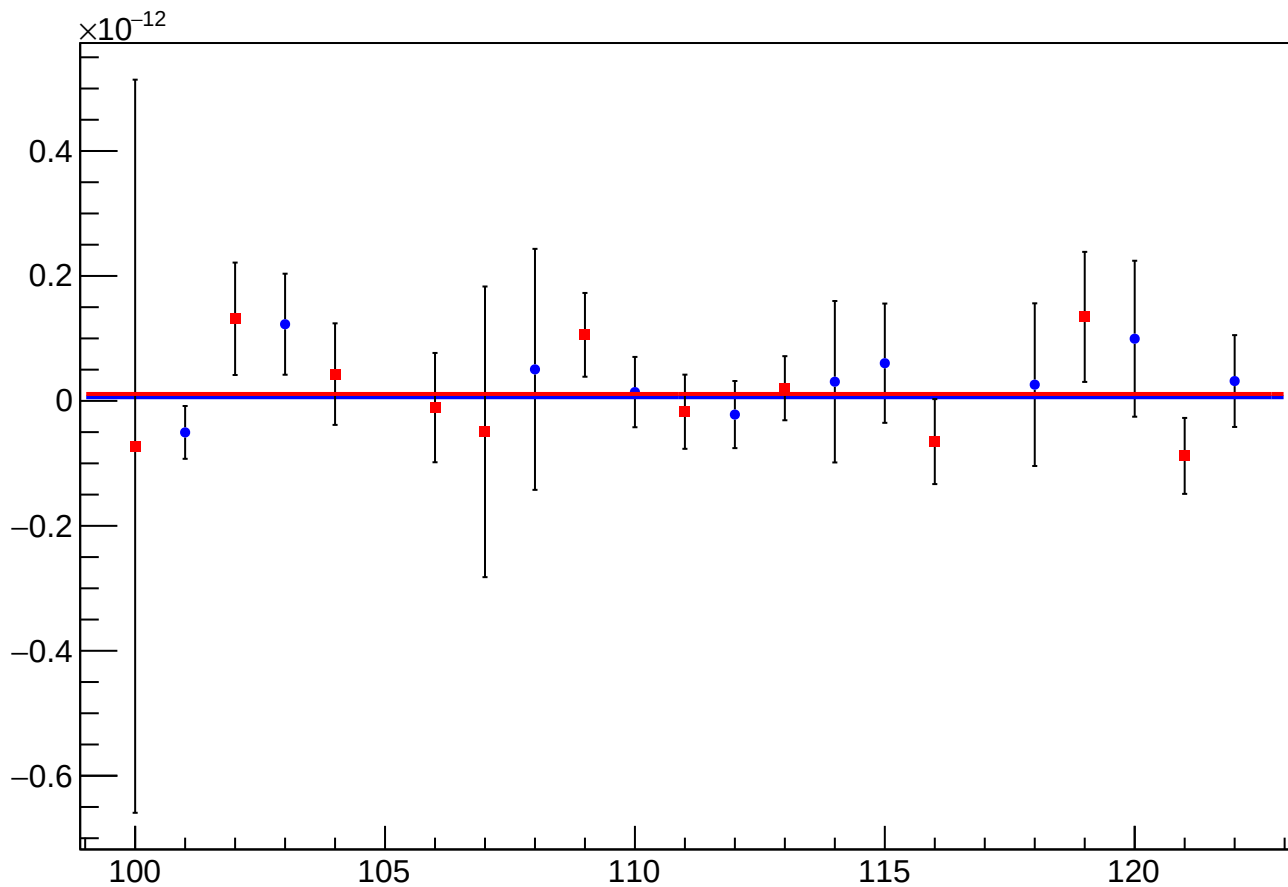
Right: 71.173+/-0.019 χ^2/NDF : 1224304.0/20

In: 68.314+/-0.027 χ^2/NDF : 394163.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.173+/-0.019 χ^2/NDF : 1224304.0/20

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 : 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

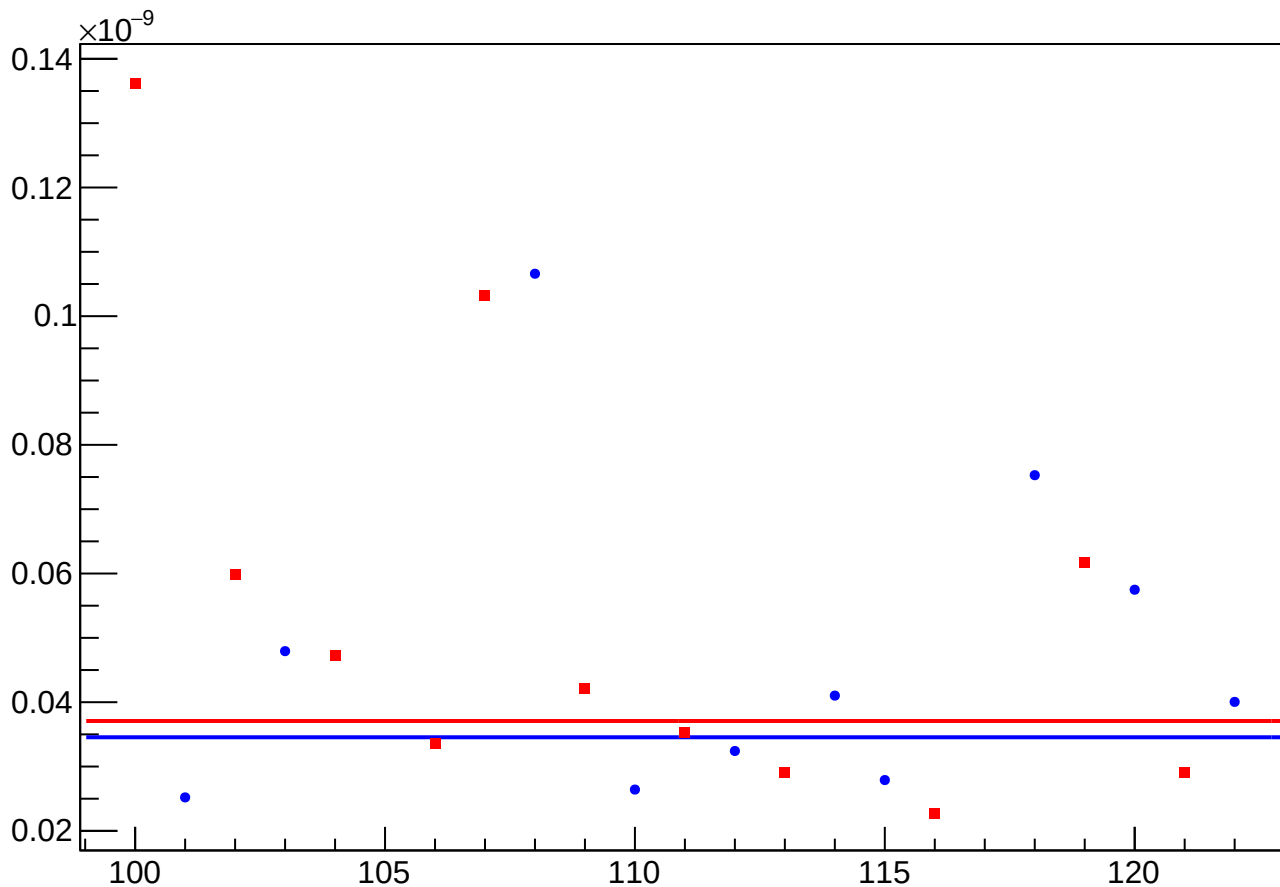
Right: 0.000+/-0.000 χ^2/NDF : 15.0/20

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 : 15.0/20

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 : 678235.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

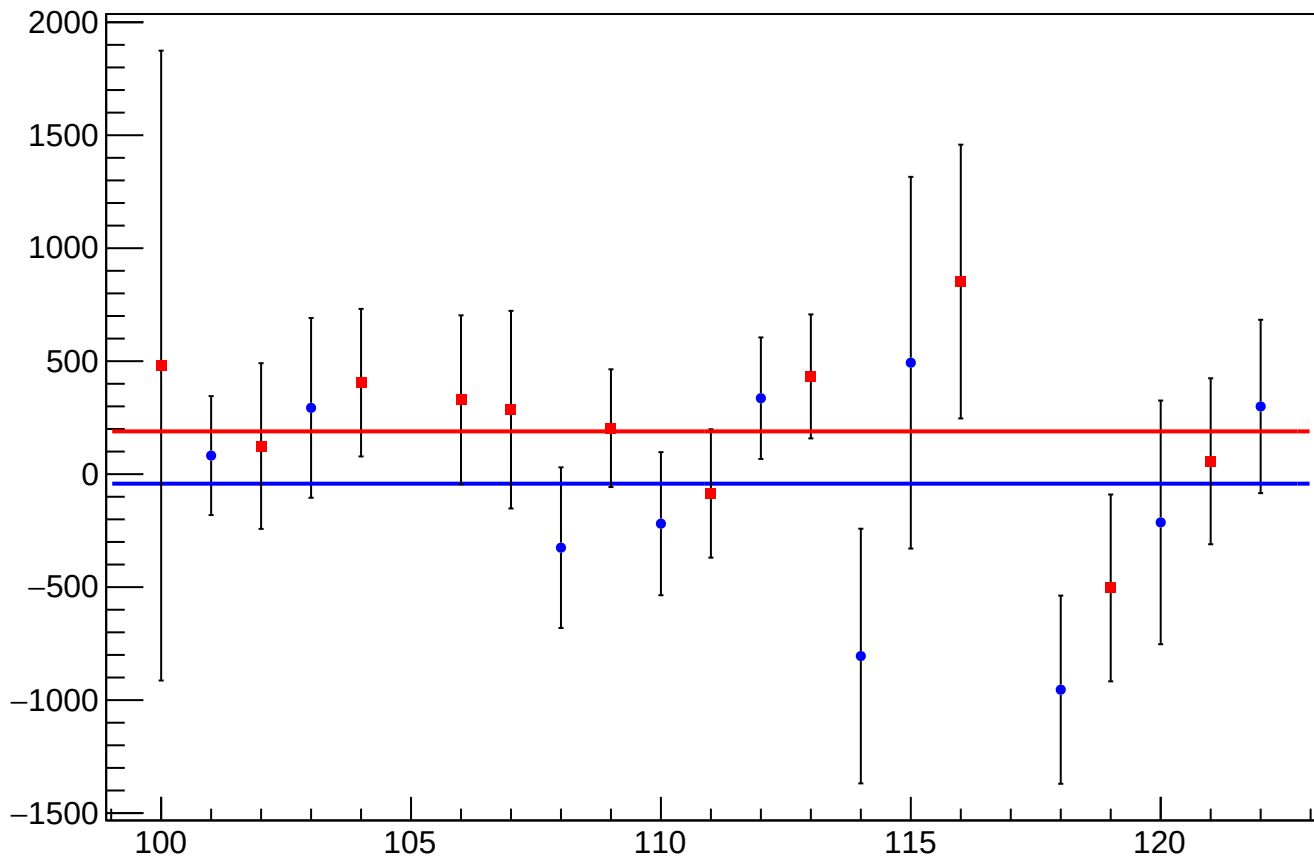
Right: 0.000+/-0.000 χ^2/NDF : 1456057.2/20

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 : 1456057.2/20

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: 189.316+/-107.760 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

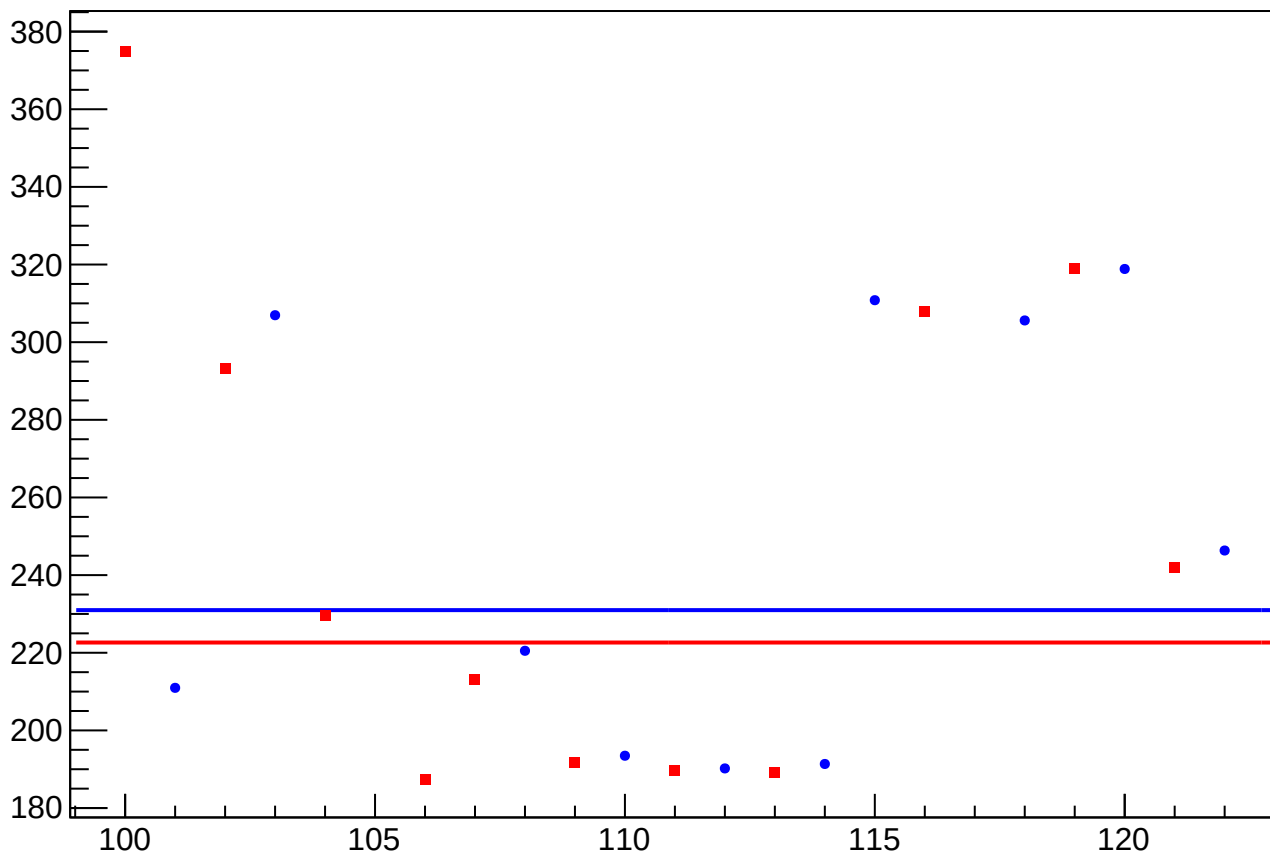
Right: 83.086+/-79.252 χ^2/NDF : 20.5/20

In: -42.069+/-116.965 χ^2/NDF : 11.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.086+/-79.252 χ^2/NDF : 20.5/20

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: 222.636+/-0.076 χ^2/NDF : 356055.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

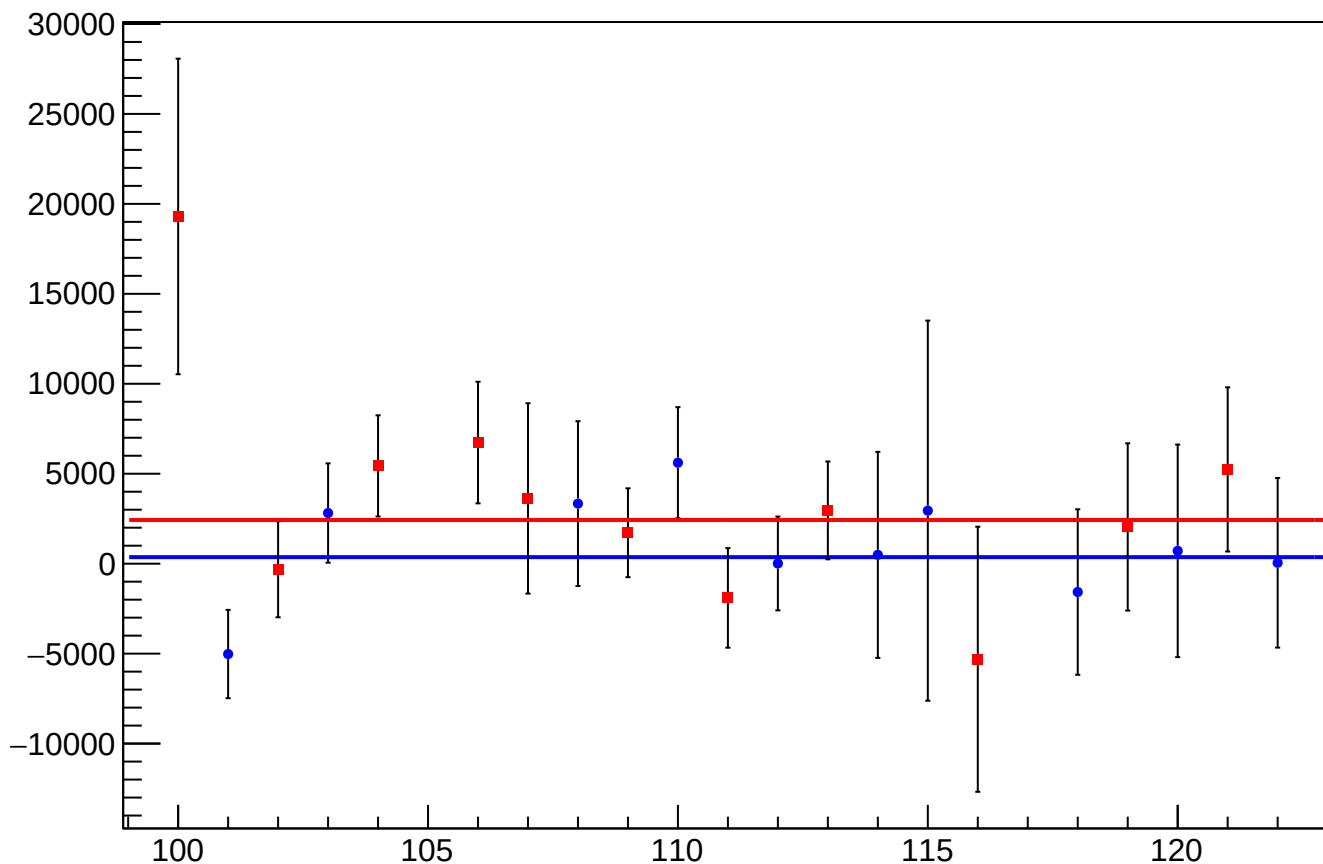
Right: 226.468+/-0.056 χ^2/NDF : 671035.4/20

In: 230.983+/-0.083 χ^2/NDF : 309470.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.468+/-0.056 χ^2/NDF : 671035.4/20

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: 2428.851+/-1028.216 χ^2/NDF : 11.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

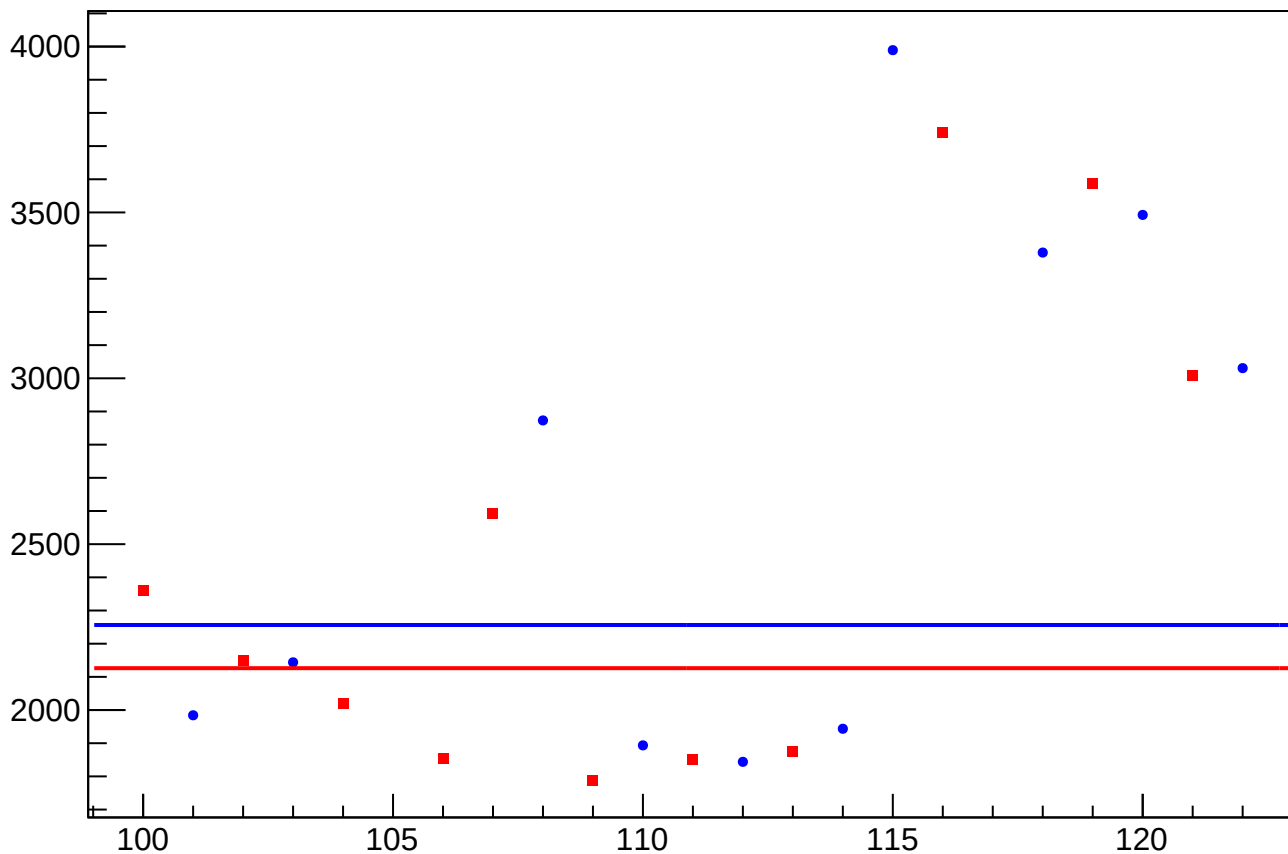
Right: 1510.399+/-766.271 χ^2/NDF : 22.6/20

In: 363.118+/-1149.188 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1510.399+/-766.271 χ^2/NDF : 22.6/20

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: 2126.187+/-0.727 χ^2/NDF : 475950.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

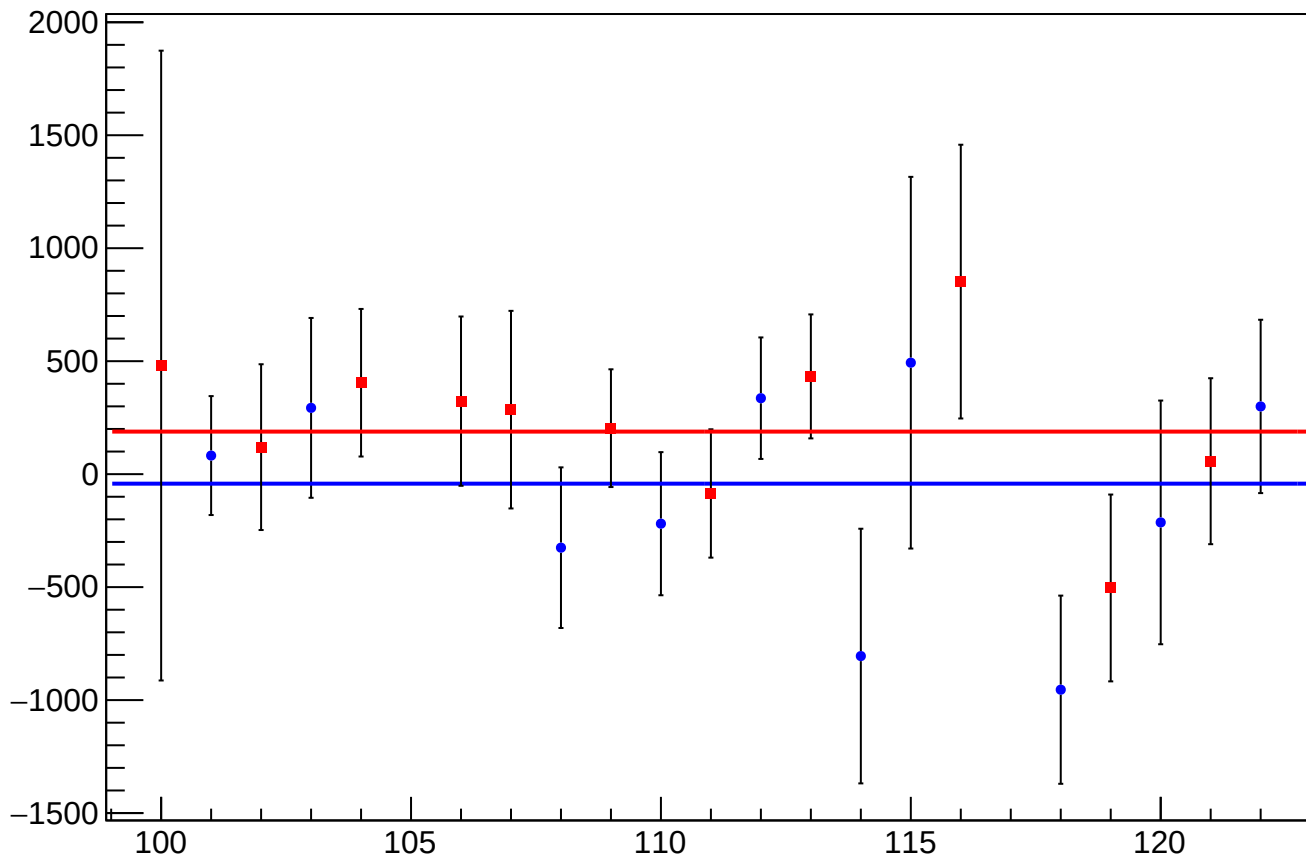
Right: 2184.065+/-0.542 χ^2/NDF : 952443.0/20

In: 2256.363+/-0.813 χ^2/NDF : 462239.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.065+/-0.542 χ^2/NDF : 952443.0/20

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: 188.312+/-107.785 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

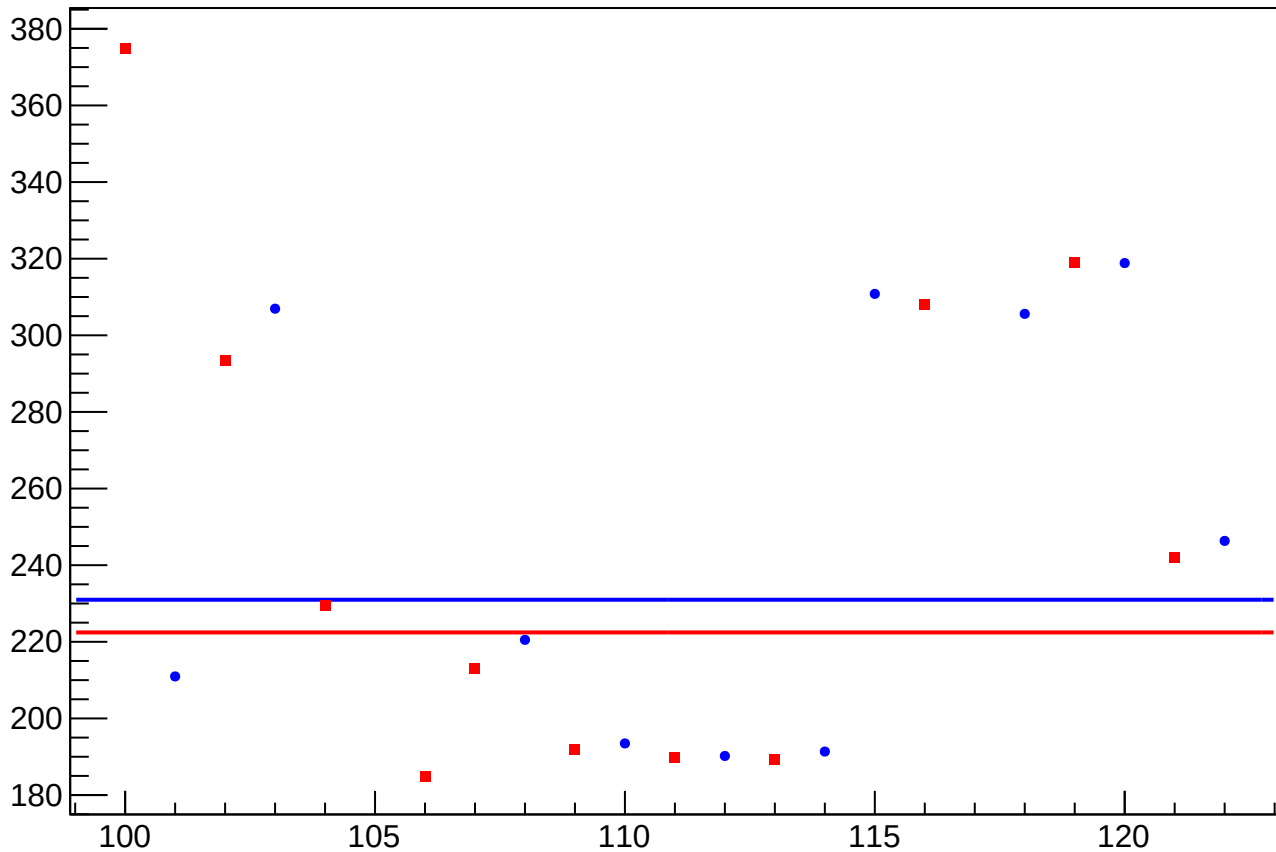
Right: 82.498+/-79.263 χ^2/NDF : 20.5/20

In: -42.108+/-116.965 χ^2/NDF : 11.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.498+/-79.263 χ^2/NDF : 20.5/20

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: 222.447+/-0.076 χ^2/NDF : 358794.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

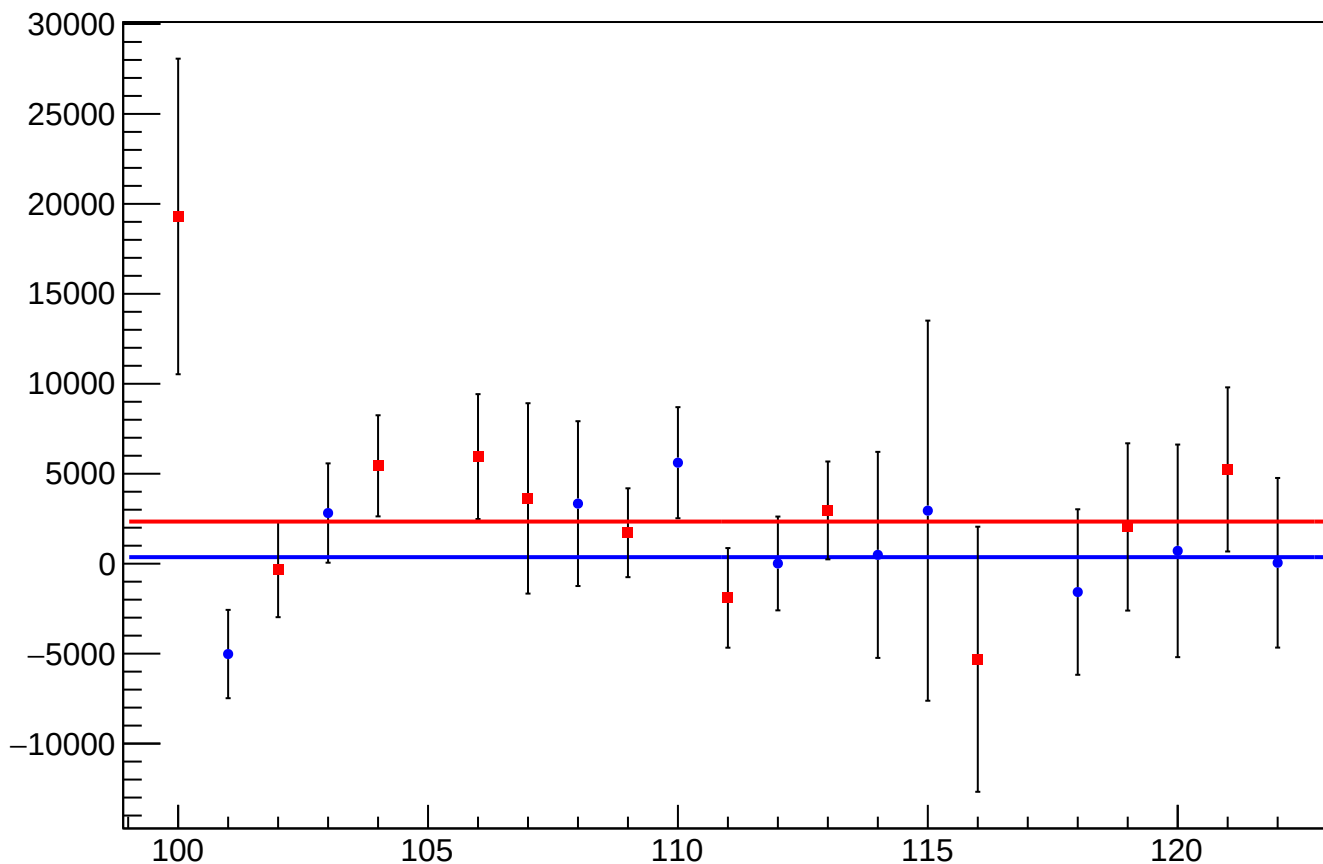
Right: 226.367+/-0.056 χ^2/NDF : 674027.6/20

In: 230.983+/-0.083 χ^2/NDF : 309473.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.367+/-0.056 χ^2/NDF : 674027.6/20

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: 2340.960+/-1030.790 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

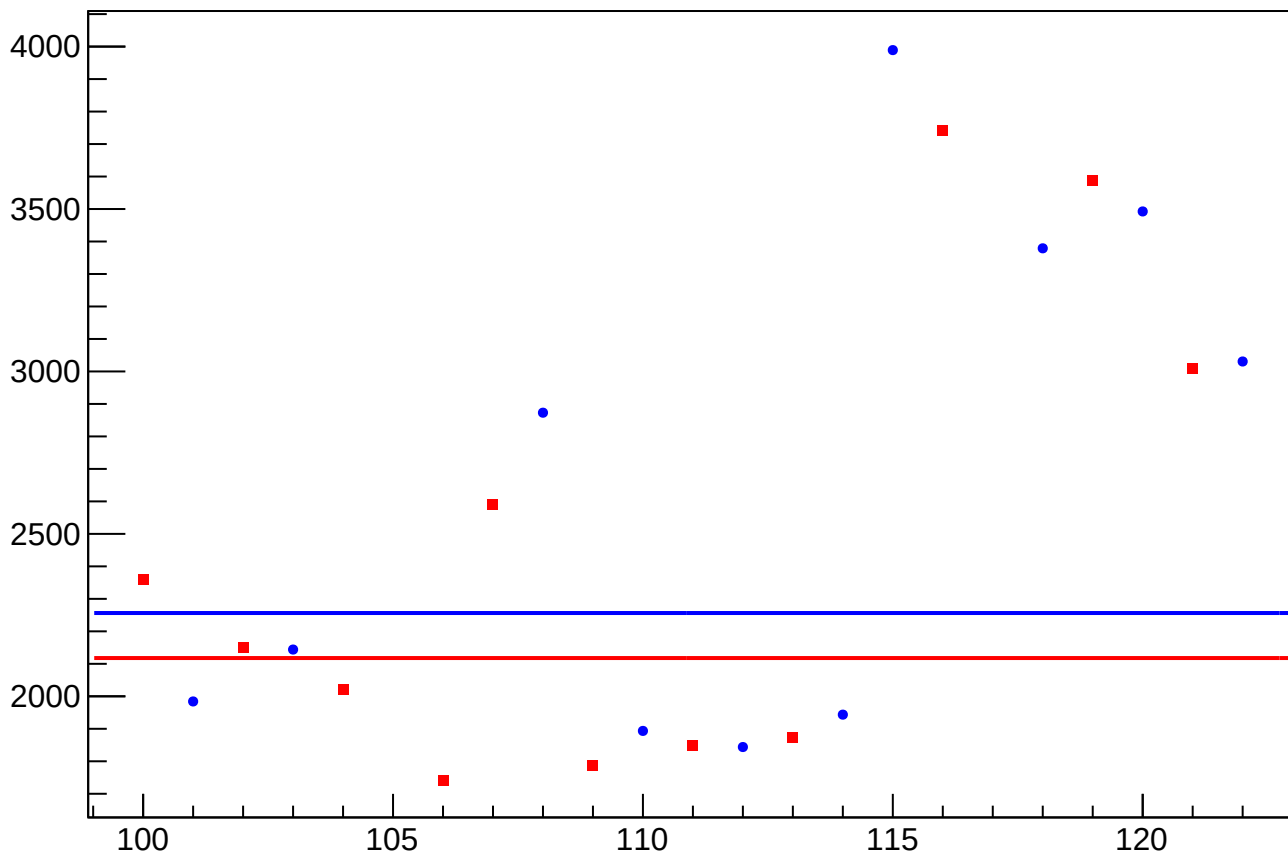
Right: 1459.046+/-767.339 χ^2/NDF : 21.9/20

In: 362.871+/-1149.203 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.046+/-767.339 χ^2/NDF : 21.9/20

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: 2117.803+/-0.729 χ^2/NDF : 487309.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

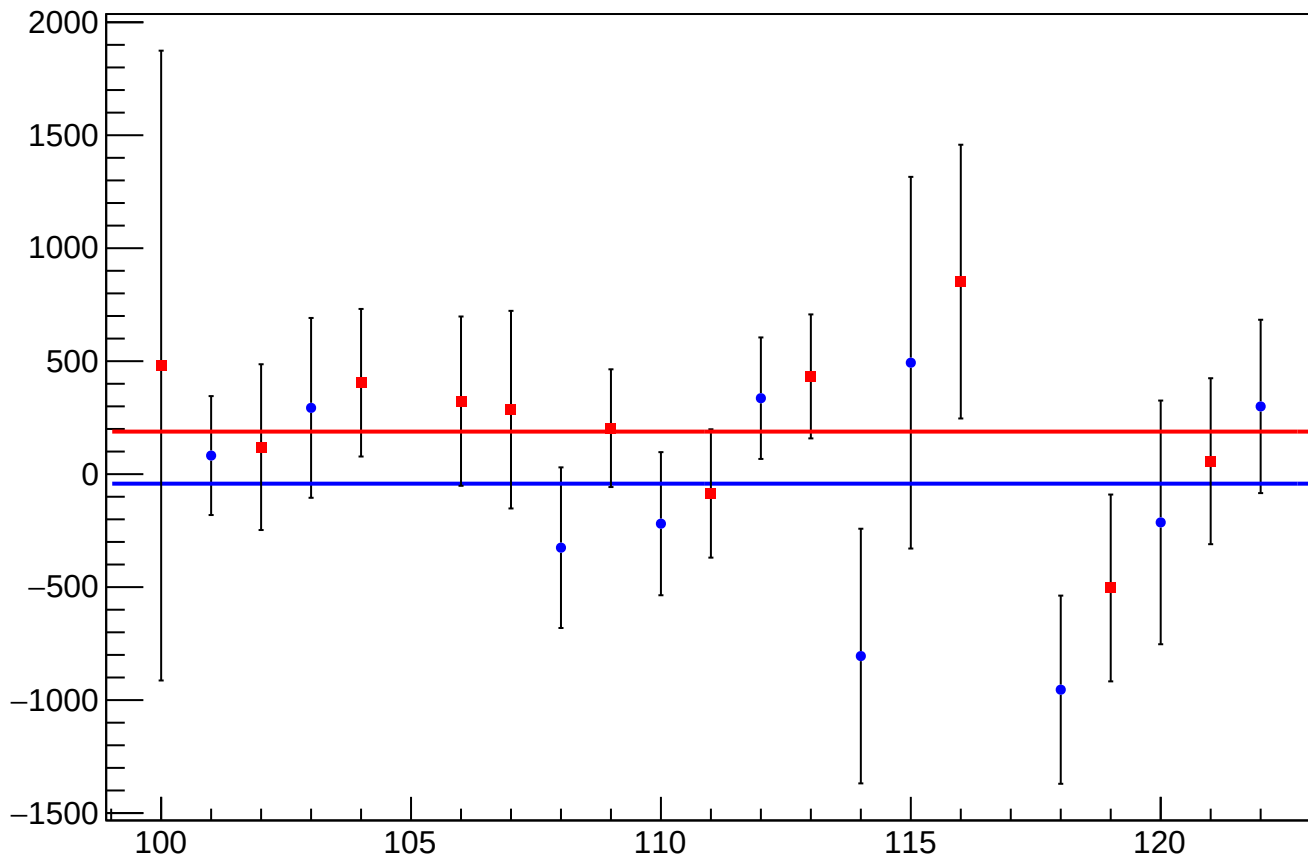
Right: 2179.593+/-0.543 χ^2/NDF : 965656.9/20

In: 2256.394+/-0.813 χ^2/NDF : 462228.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.593+/-0.543 χ^2/NDF : 965656.9/20

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: 188.312+/-107.785 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

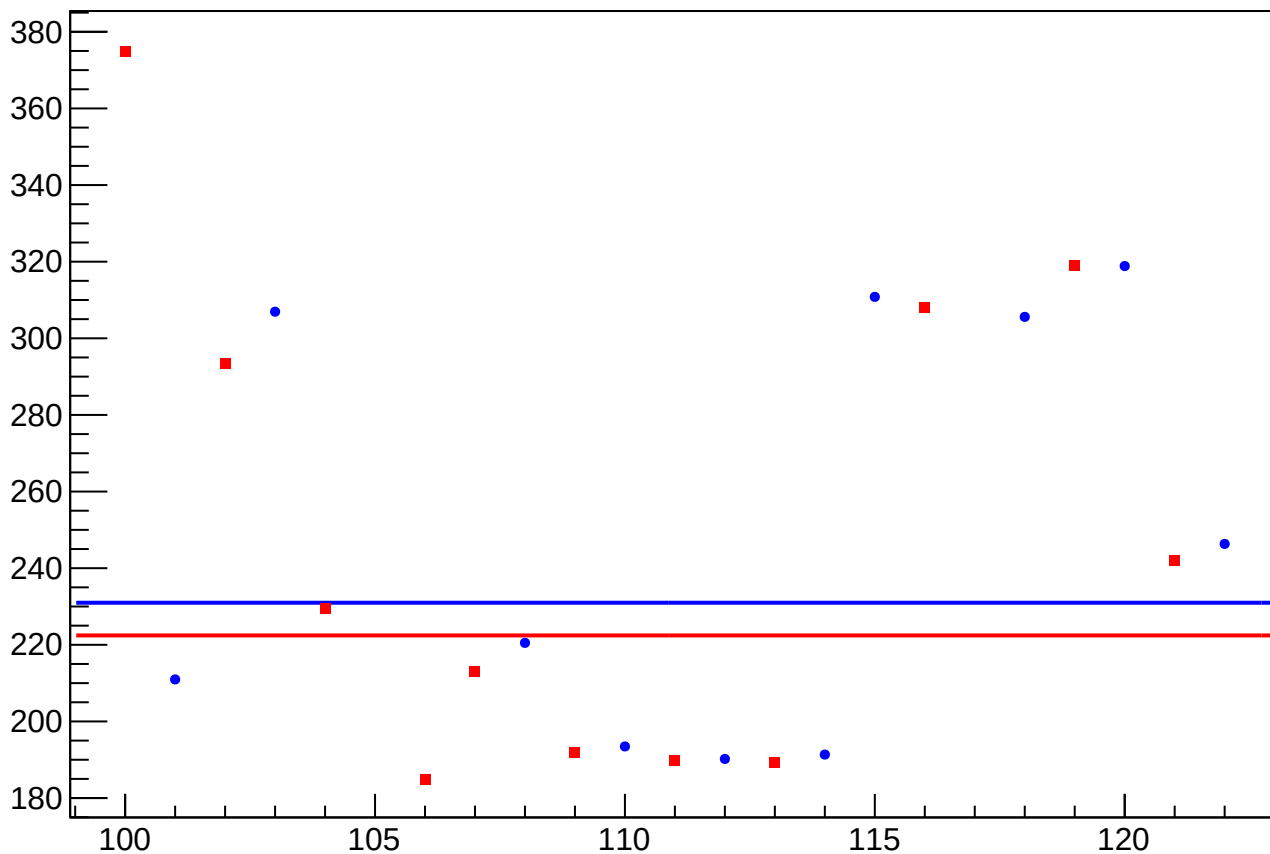
Right: 82.498+/-79.263 χ^2/NDF : 20.5/20

In: -42.108+/-116.965 χ^2/NDF :11.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 82.498+/-79.263 χ^2/NDF : 20.5/20

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: 222.447+/-0.076 χ^2/NDF : 358794.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

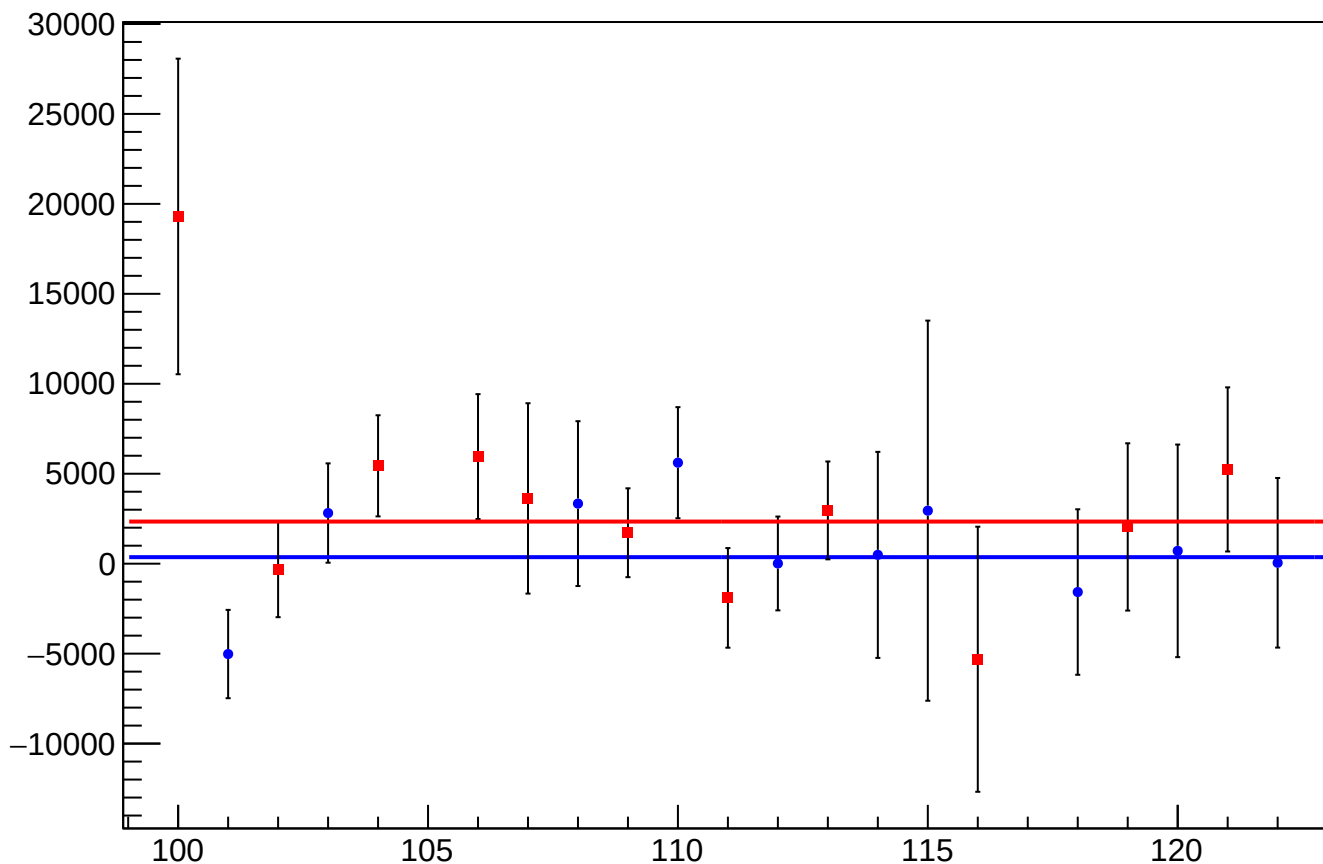
Right: 226.367+/-0.056 χ^2/NDF : 674027.6/20

In: 230.983+/-0.083 χ^2/NDF : 309473.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.367+/-0.056 χ^2/NDF : 674027.6/20

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: 2340.960+/-1030.790 χ^2/NDF : 11.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

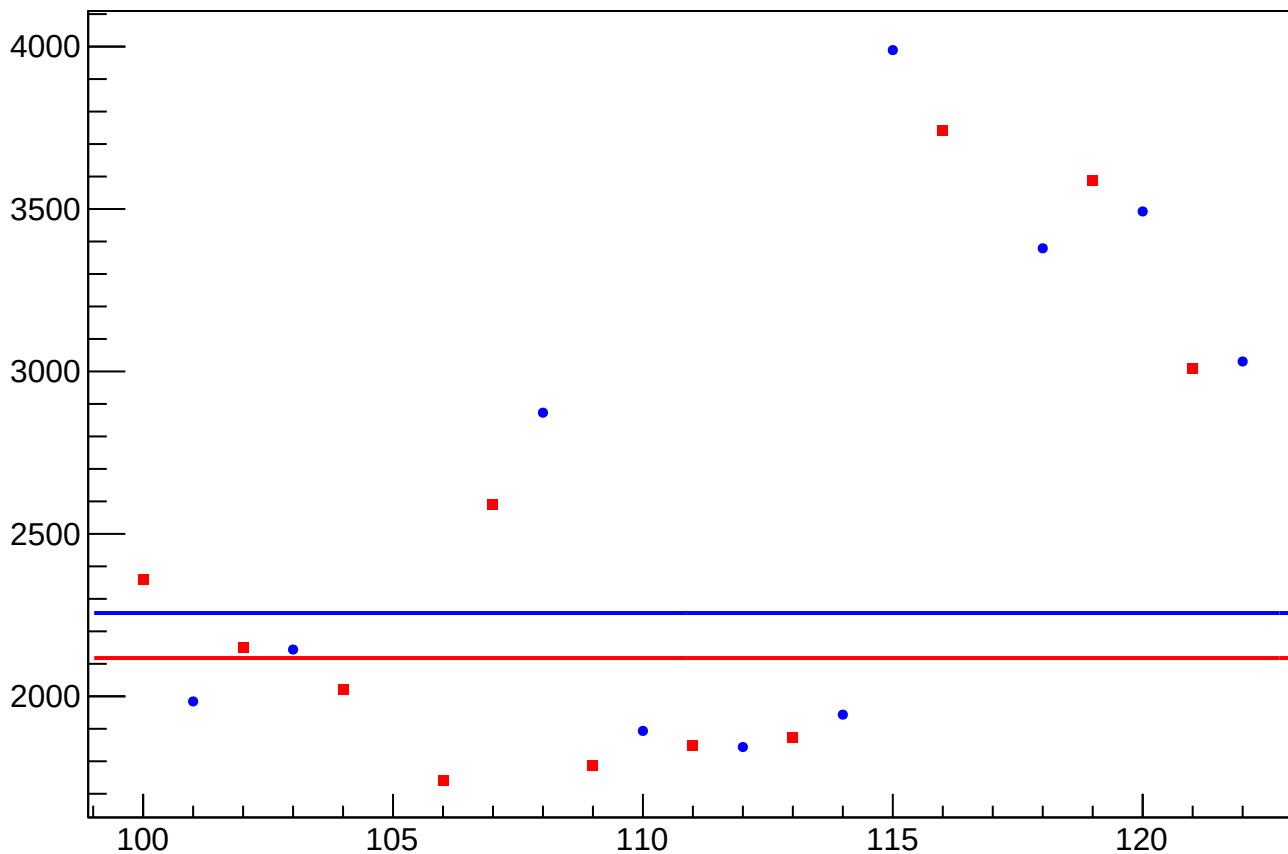
Right: 1459.046+/-767.339 χ^2/NDF : 21.9/20

In: 362.871+/-1149.203 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.046+/-767.339 χ^2/NDF : 21.9/20

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: 2117.803+/-0.729 χ^2/NDF : 487309.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

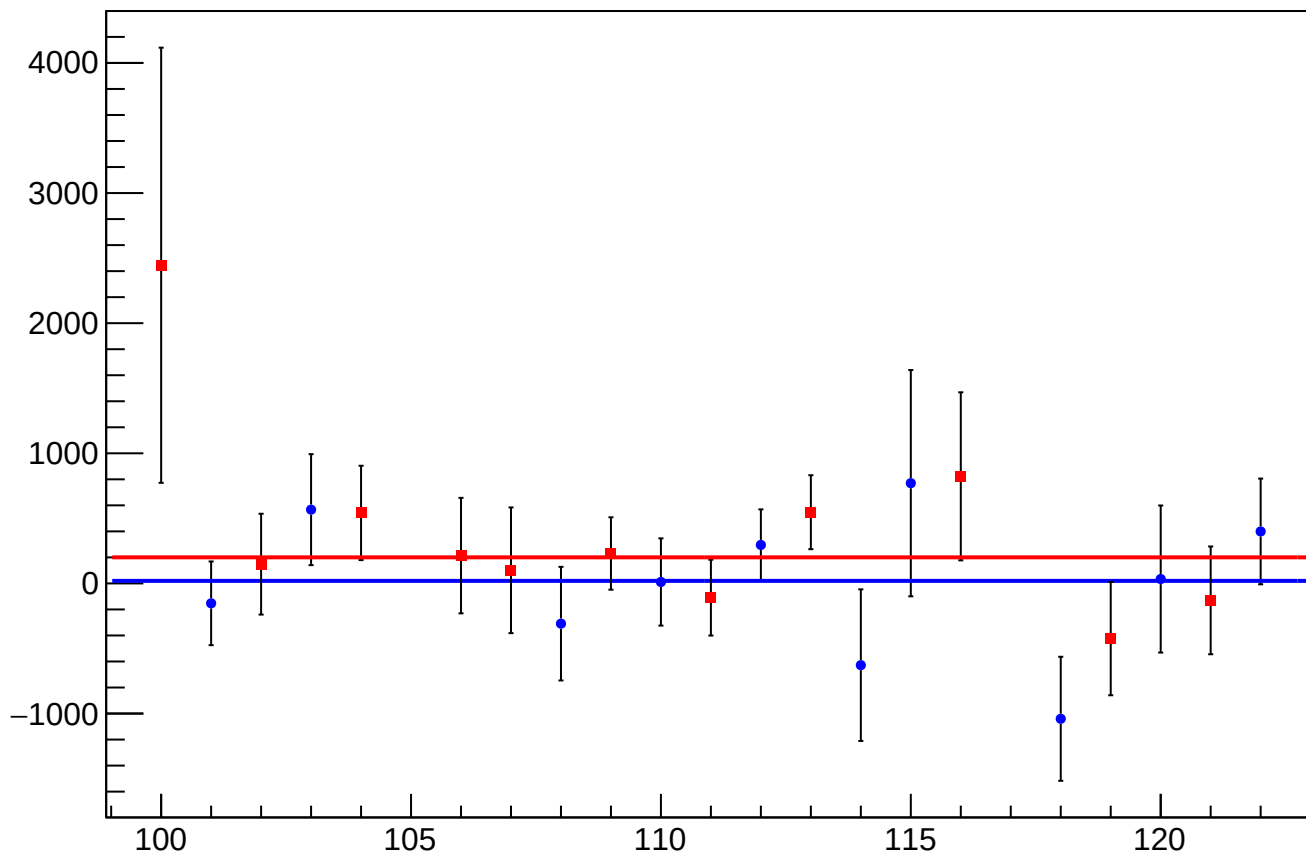
Right: 2179.593+/-0.543 χ^2/NDF : 965656.9/20

In: 2256.394+/-0.813 χ^2/NDF : 462228.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.593+/-0.543 χ^2/NDF : 965656.9/20

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: 200.396+/-115.812 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

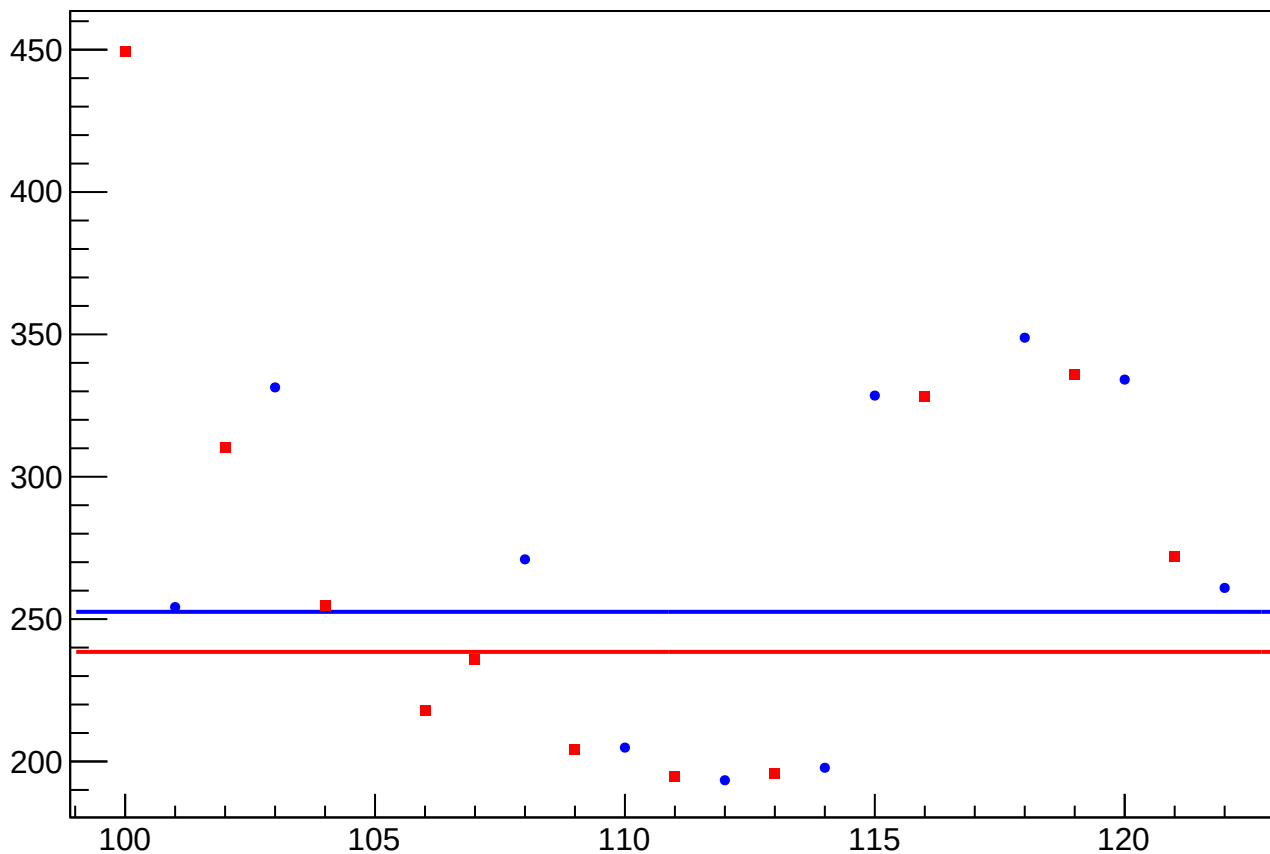
Right: 119.361+/-86.031 χ^2/NDF : 21.4/20

In: 19.585+/-128.508 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.361+/-86.031 χ^2/NDF : 21.4/20

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 252.558+/-0.091 χ^2/NDF : 363152.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 238.491+/-0.082 χ^2/NDF : 381421.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

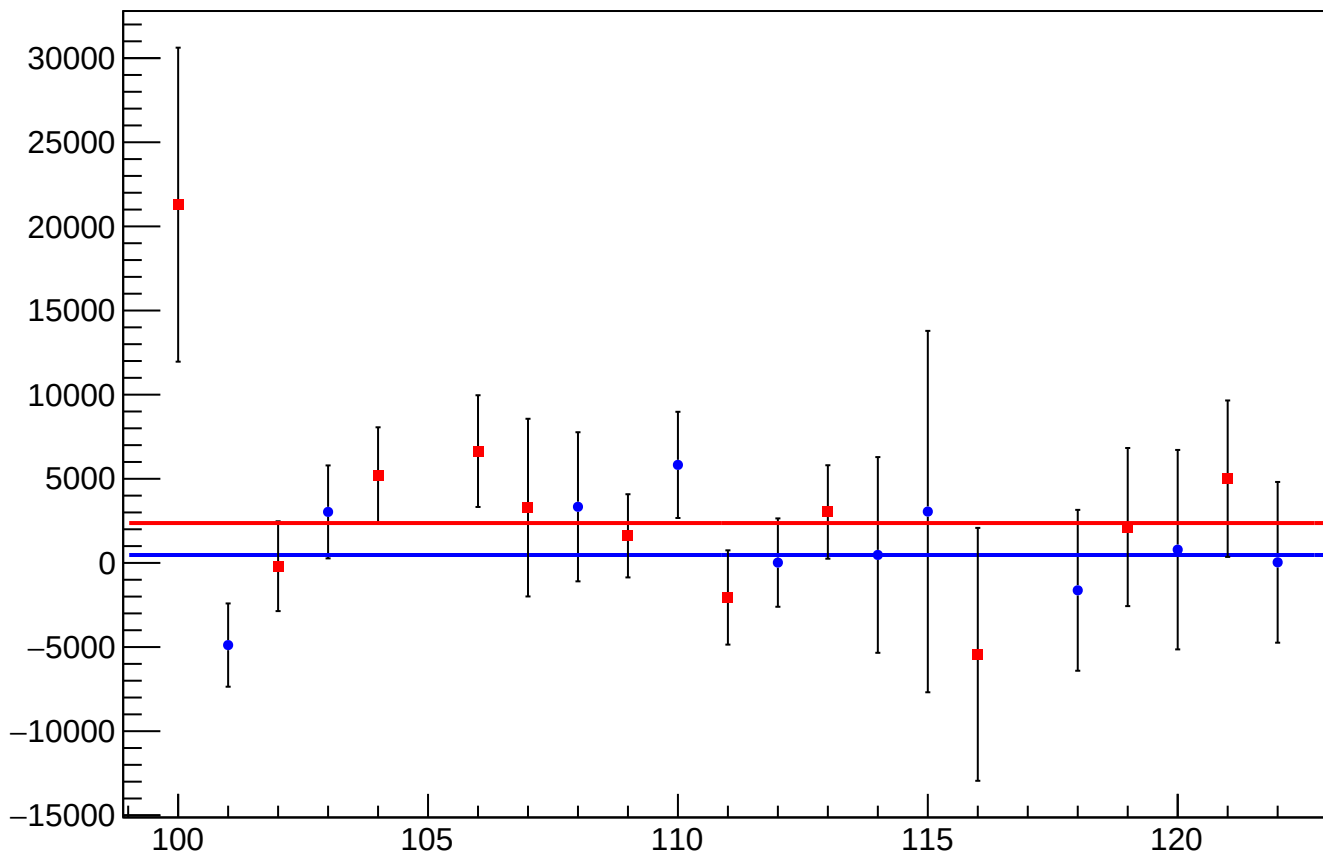
Right: 244.796+/-0.061 χ^2/NDF : 757797.2/20

In: 252.558+/-0.091 χ^2/NDF :363152.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 244.796+/-0.061 χ^2/NDF : 757797.2/20

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: 2369.810+/-1035.882 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

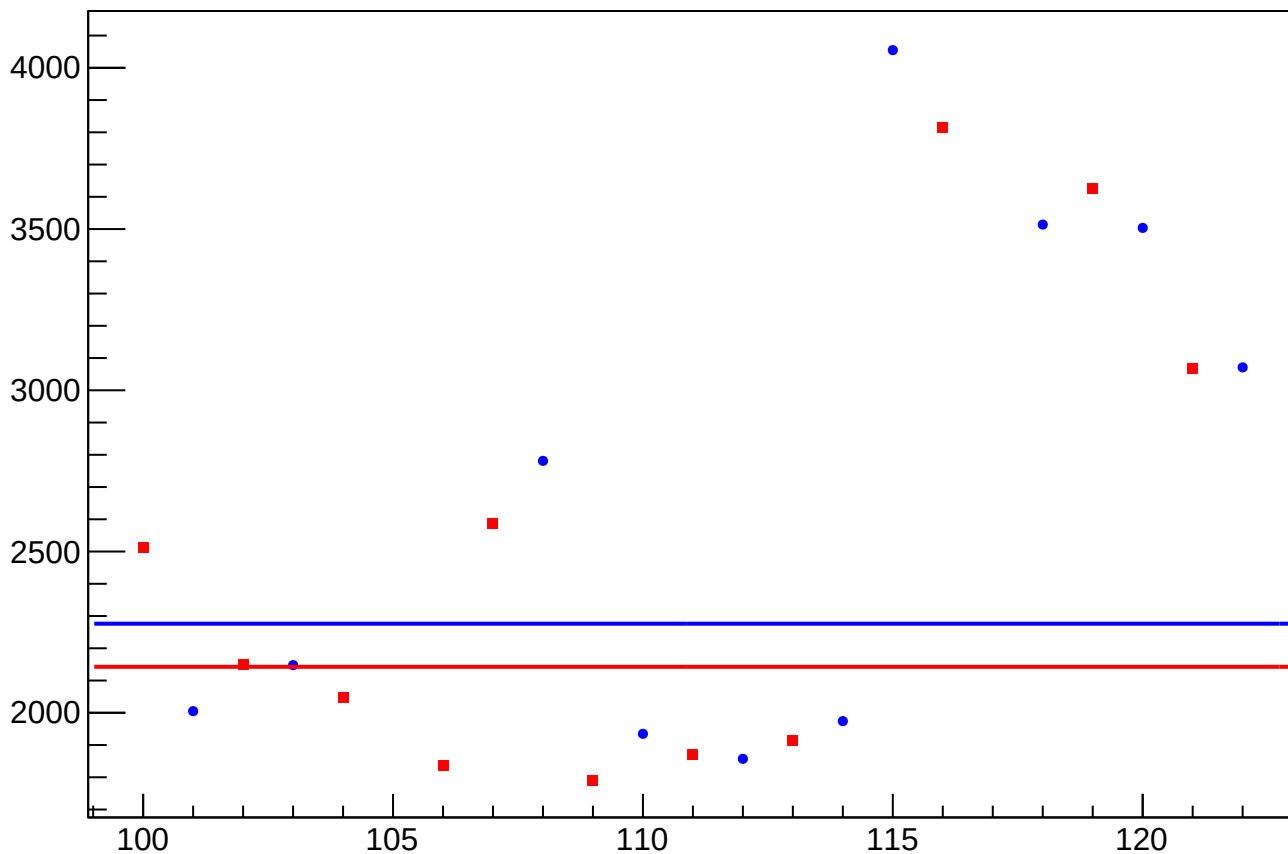
Right: 1526.349+/-772.238 χ^2/NDF : 22.4/20

In: 471.178+/-1158.614 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.349+/-772.238 χ^2/NDF : 22.4/20

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: 2142.594+/-0.732 χ^2/NDF : 486820.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

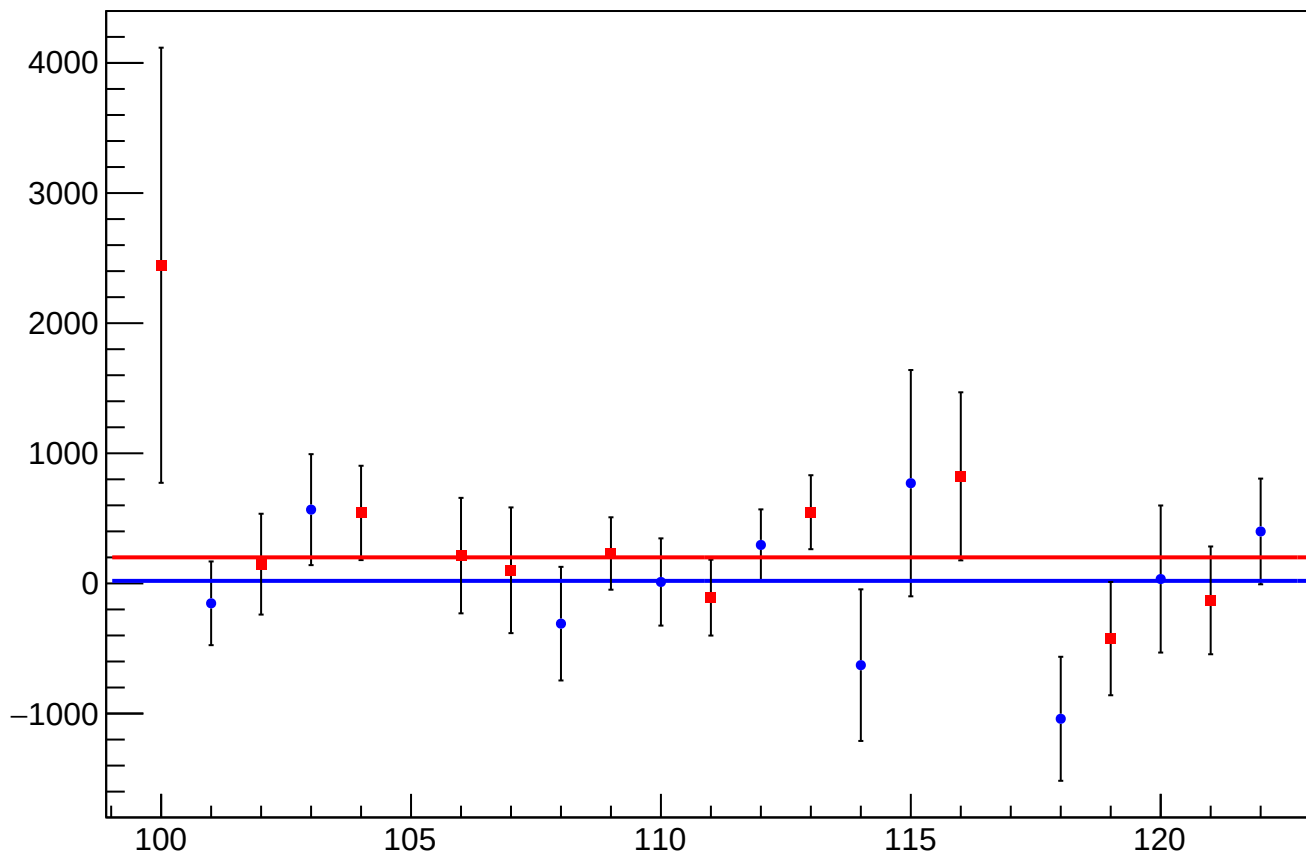
Right: 2201.959+/-0.546 χ^2/NDF : 965714.3/20

In: 2276.225+/-0.819 χ^2/NDF : 464107.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.959+/-0.546 χ^2/NDF : 965714.3/20

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: 200.394+/-115.812 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

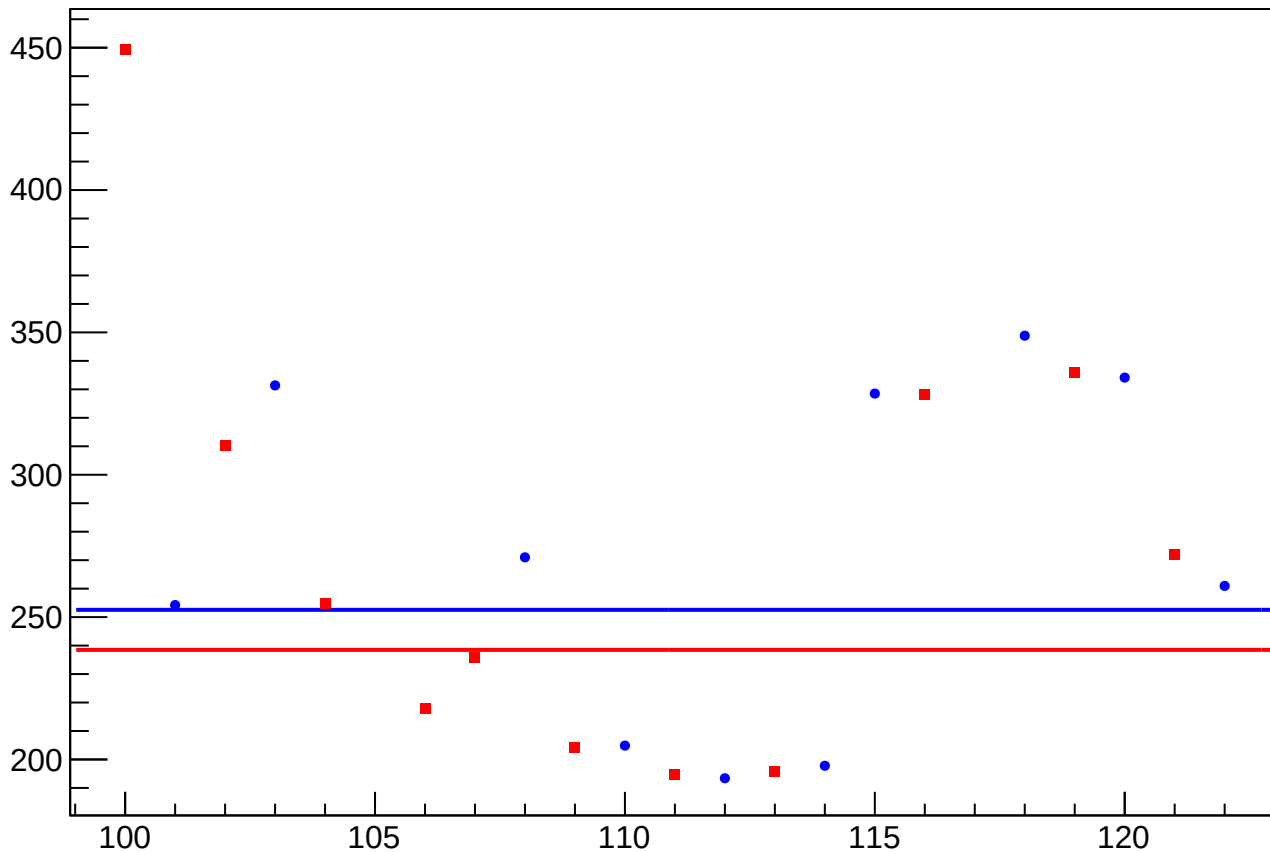
Right: 119.360+/-86.031 χ^2/NDF : 21.4/20

In: 19.585+/-128.509 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.360+/-86.031 χ^2/NDF : 21.4/20

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: 238.491 $\pm$ 0.082 χ^2 /NDF: 381422.4/10

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

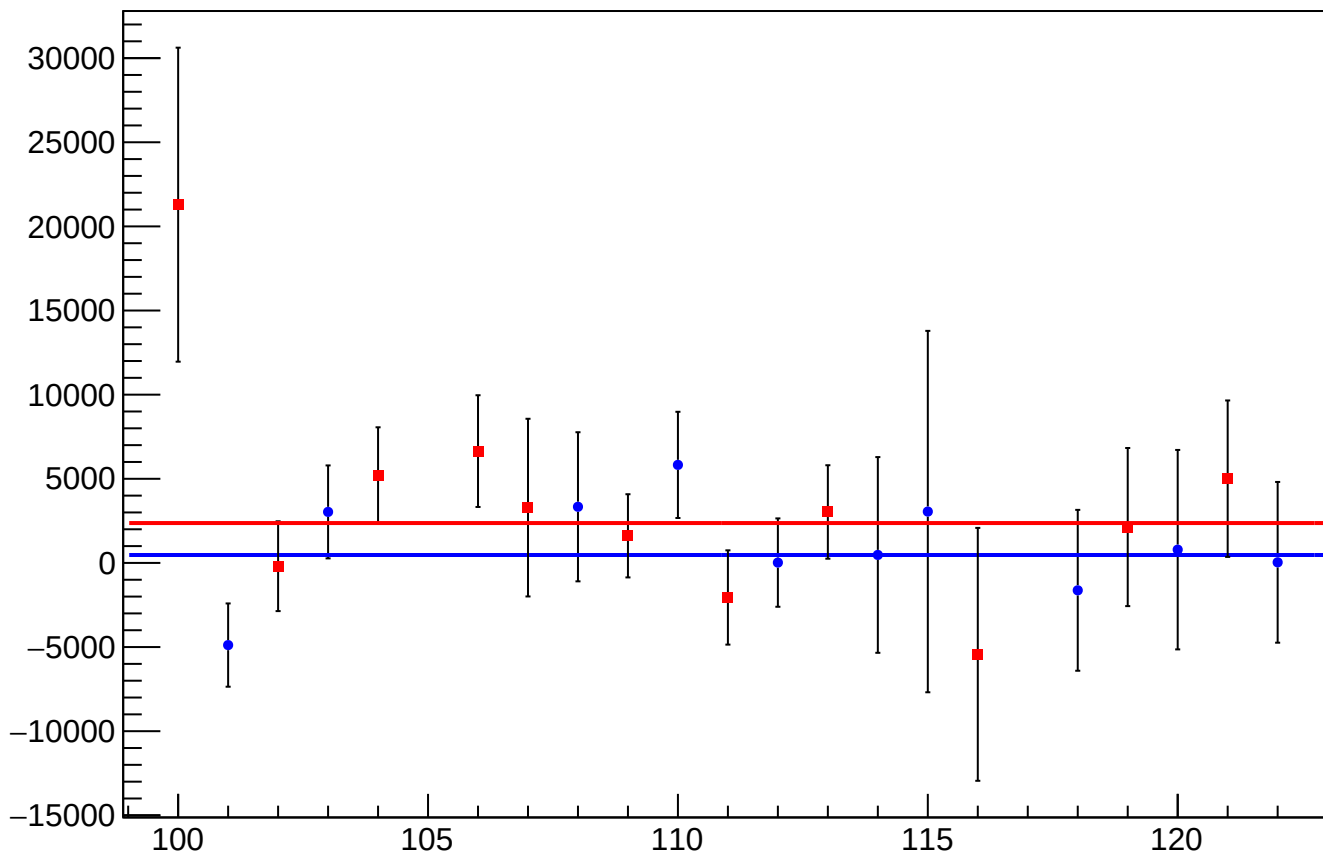
Right: 244.796 $\pm$ 0.061 χ^2 /NDF: 757803.9/20

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: 244.796 $\pm$ 0.061 χ^2 /NDF: 757803.9/20

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: 2369.808+/-1035.881 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

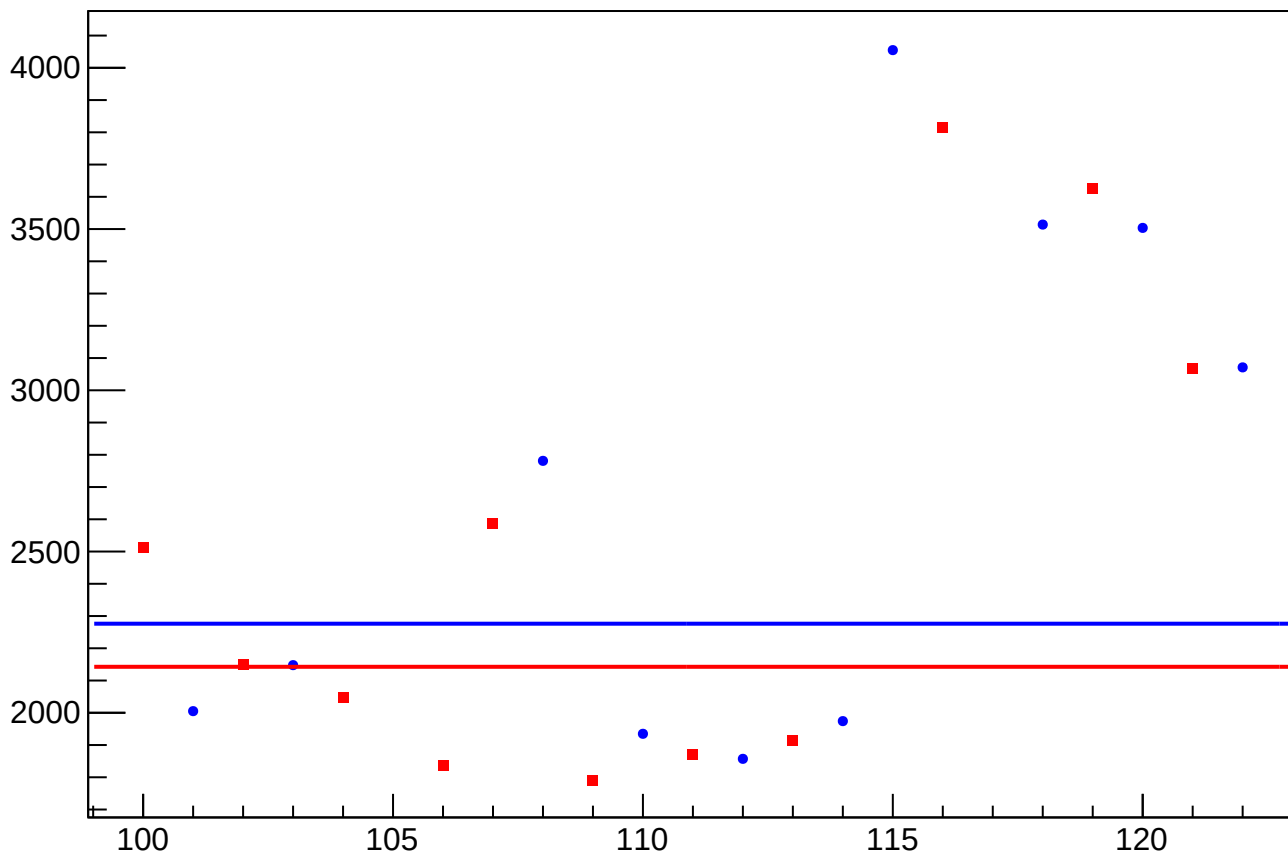
Right: 1526.348+/-772.237 χ^2/NDF : 22.4/20

In: 471.180+/-1158.614 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.348+/-772.237 χ^2/NDF : 22.4/20

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: 2142.592+/-0.732 χ^2/NDF : 486822.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

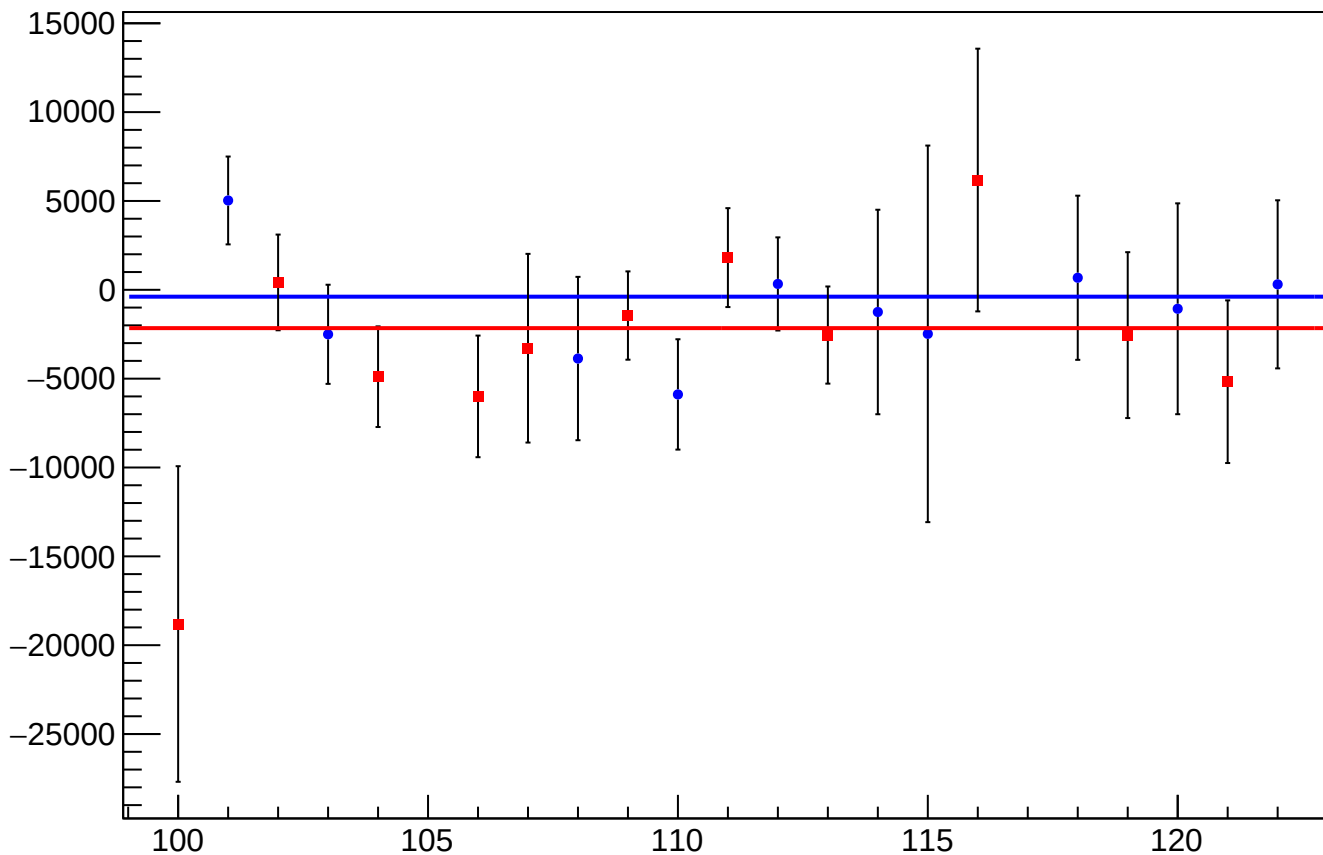
Right: 2201.958+/-0.546 χ^2/NDF : 965717.9/20

In: 2276.224+/-0.819 χ^2/NDF : 464109.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.958+/-0.546 χ^2/NDF : 965717.9/20

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: -2156.733+/-1035.341 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

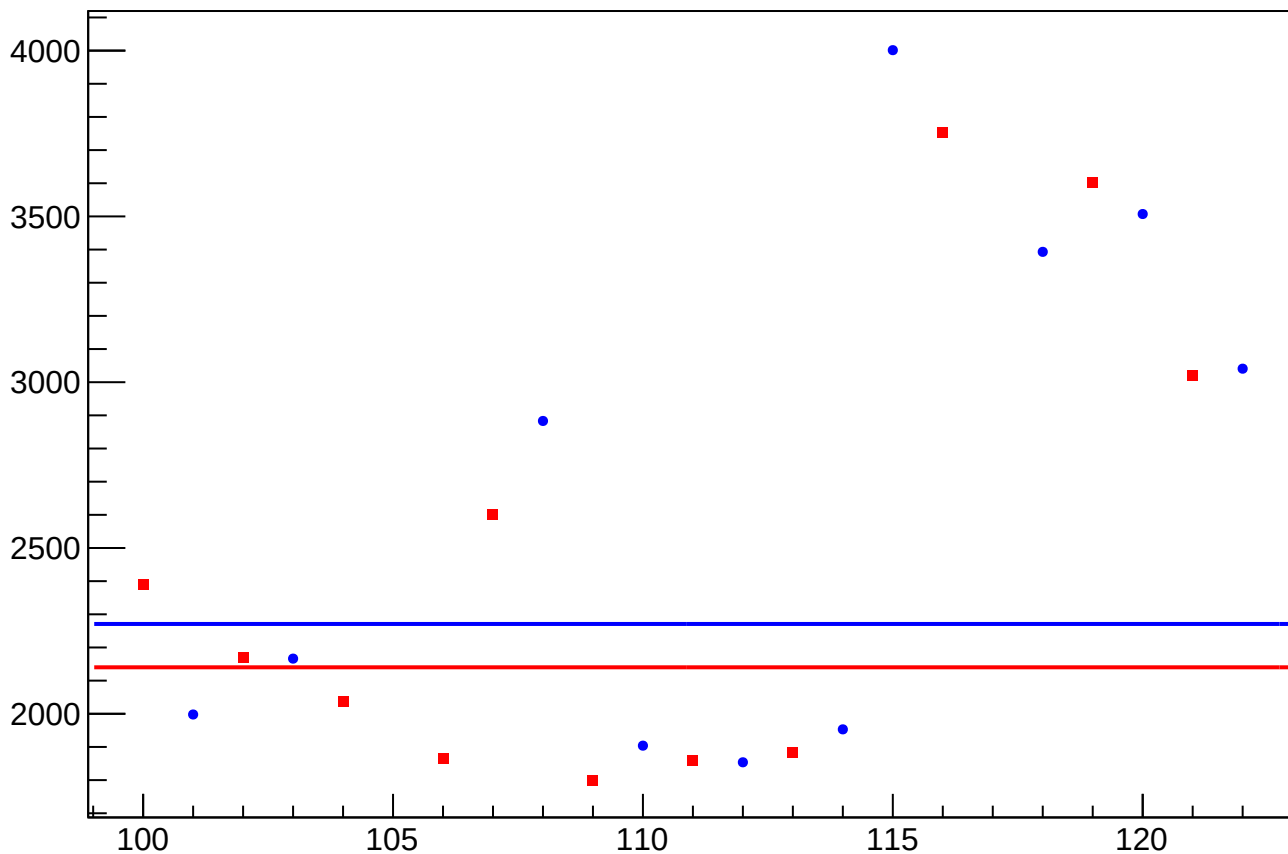
Right: -1369.062+/-771.339 χ^2/NDF : 21.1/20

In: -386.528+/-1156.337 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1369.062+/-771.339 χ^2/NDF : 21.1/20

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: 2140.195+/-0.732 χ^2/NDF : 473208.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

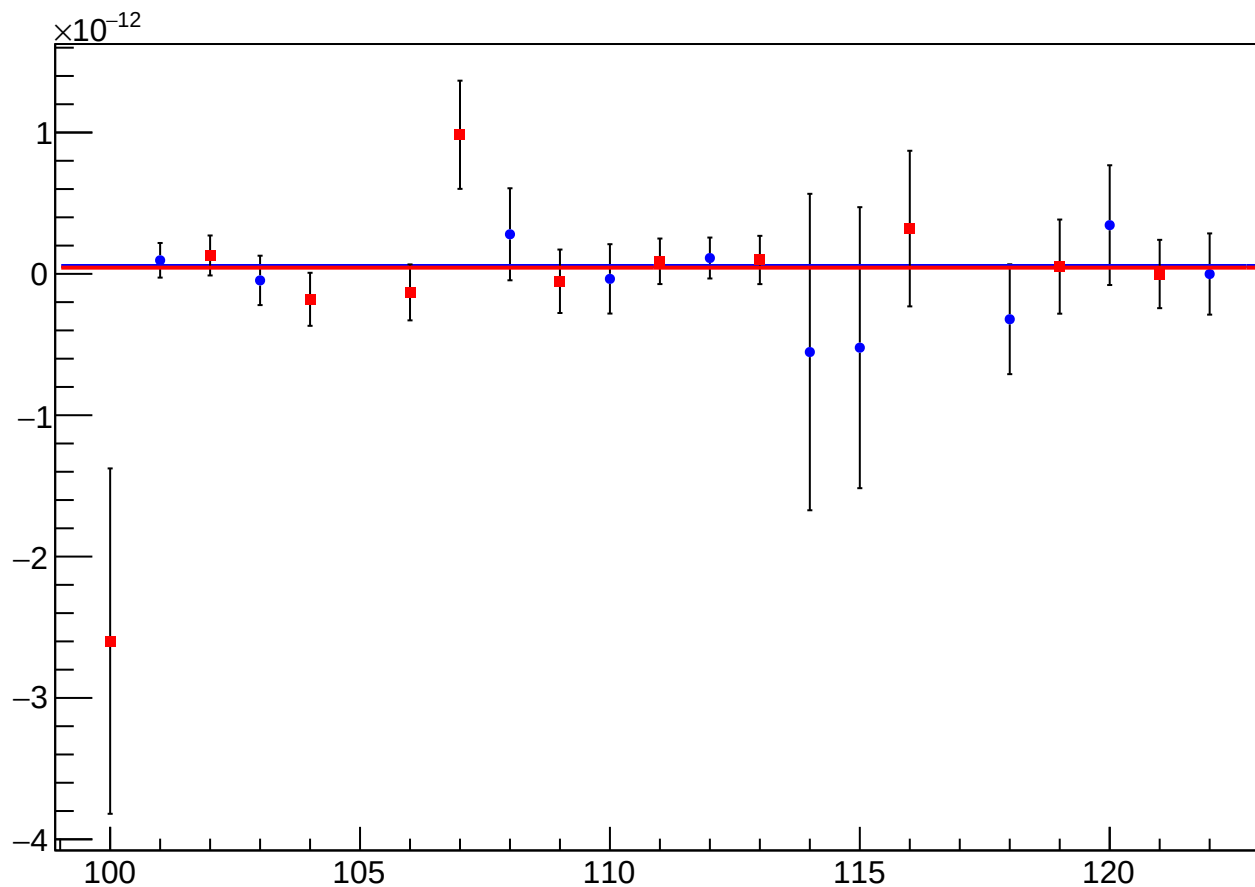
Right: 2198.357+/-0.545 χ^2/NDF : 945984.5/20

In: 2270.909+/-0.818 χ^2/NDF : 458591.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2198.357+/-0.545 χ^2/NDF : 945984.5/20

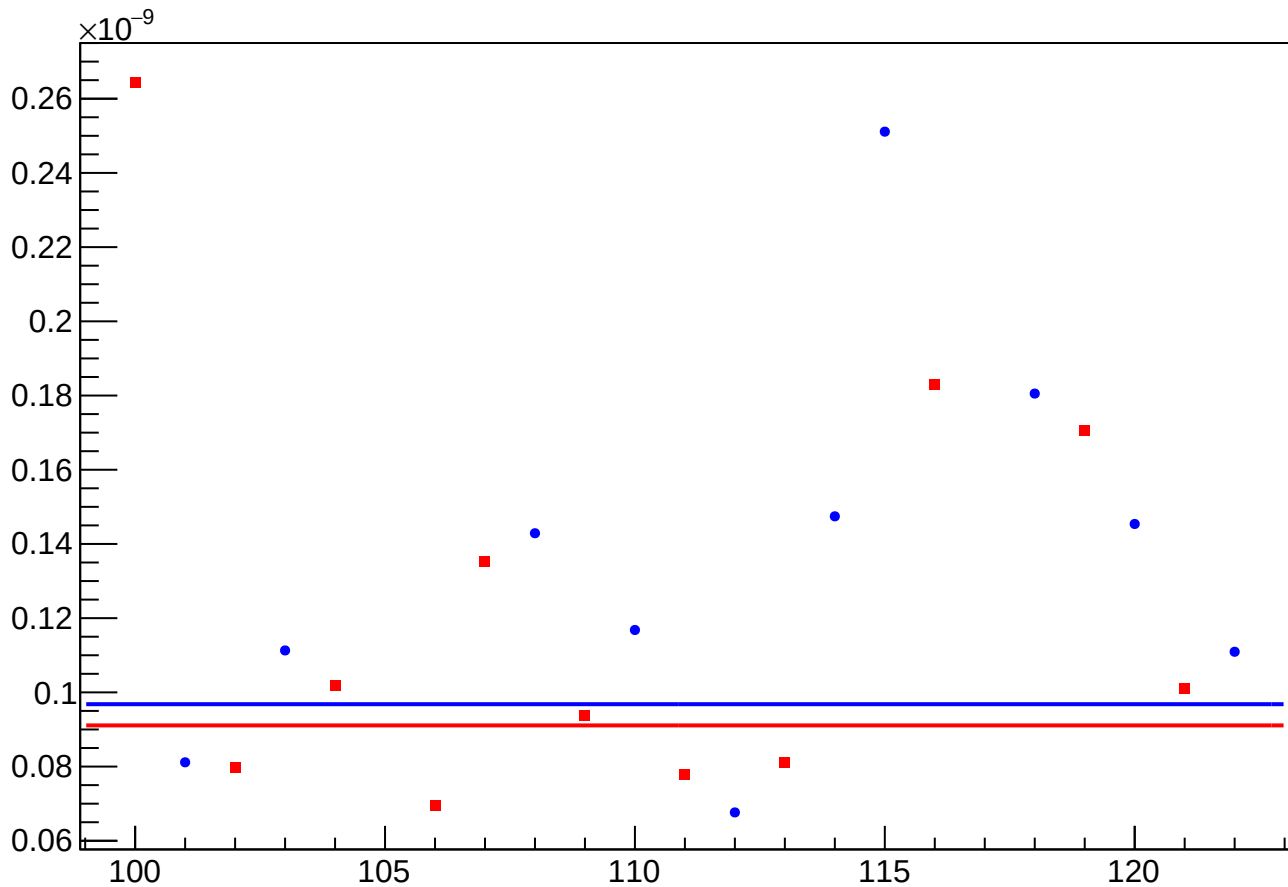
asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 13.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 17.2/20
 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 : 17.2/20

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 : 303510.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

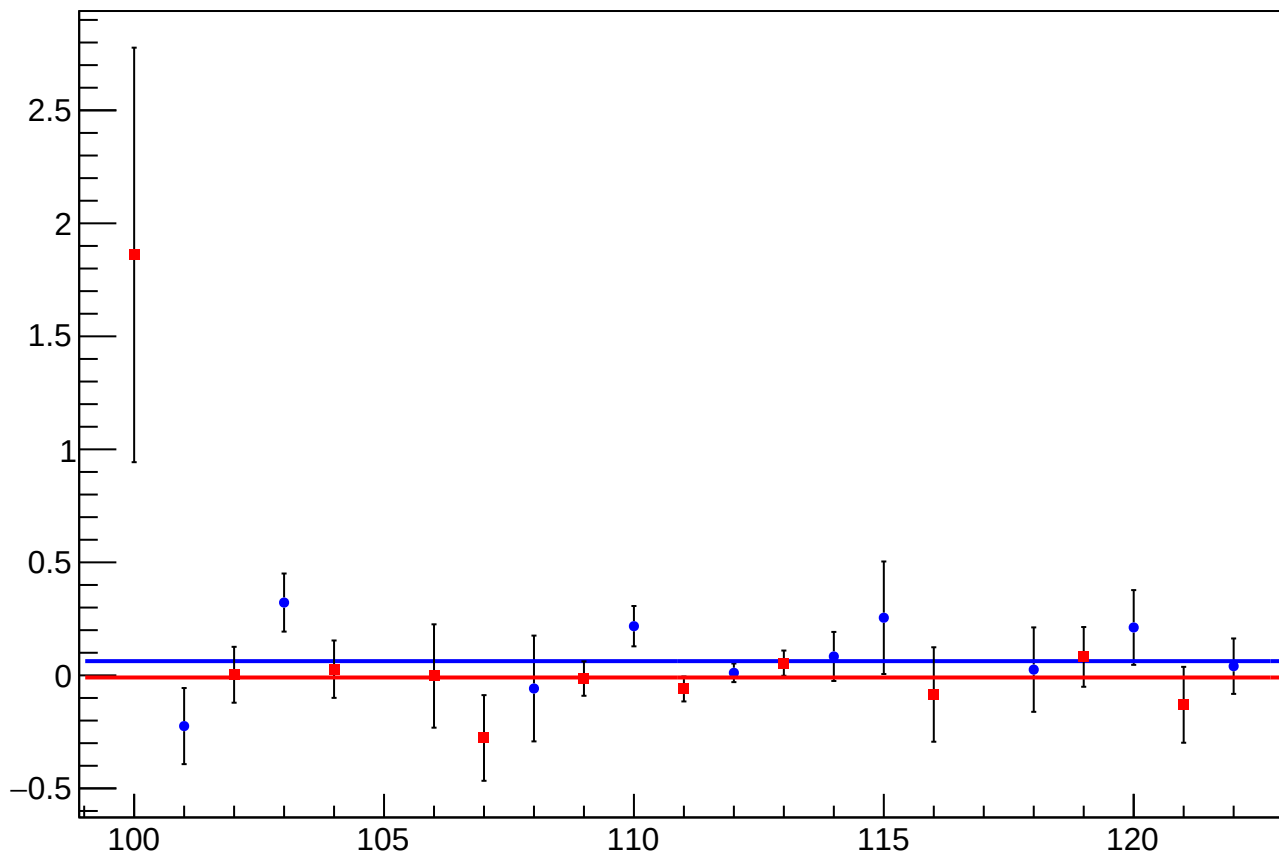
Right: 0.000+/-0.000 χ^2/NDF : 667762.3/20

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 : 667762.3/20

asym_sam4_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: -0.009+/-0.030 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

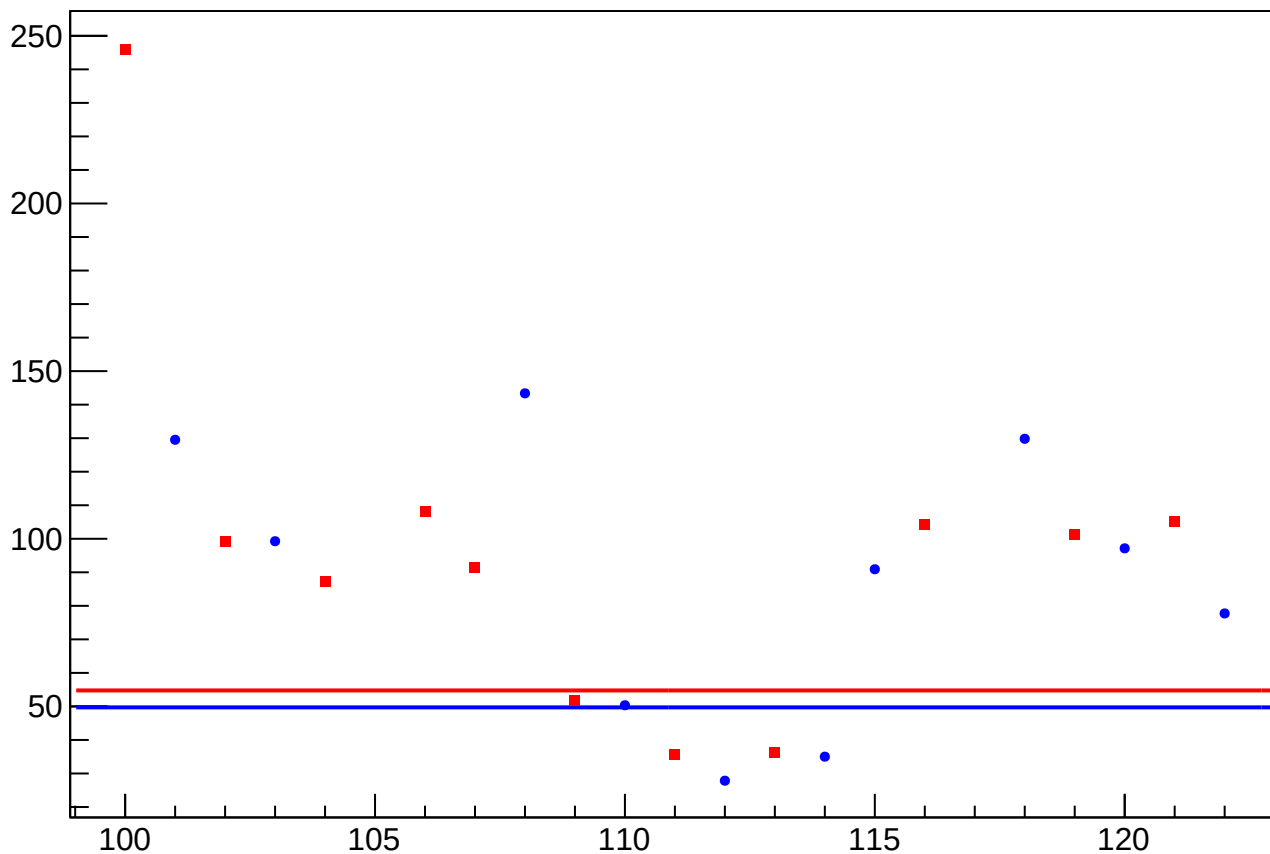
Right: 0.026+/-0.021 χ^2/NDF : 25.7/20

In: 0.063+/-0.031 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.021 χ^2/NDF : 25.7/20

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: 54.768+/-0.021 χ^2/NDF : 1667368.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

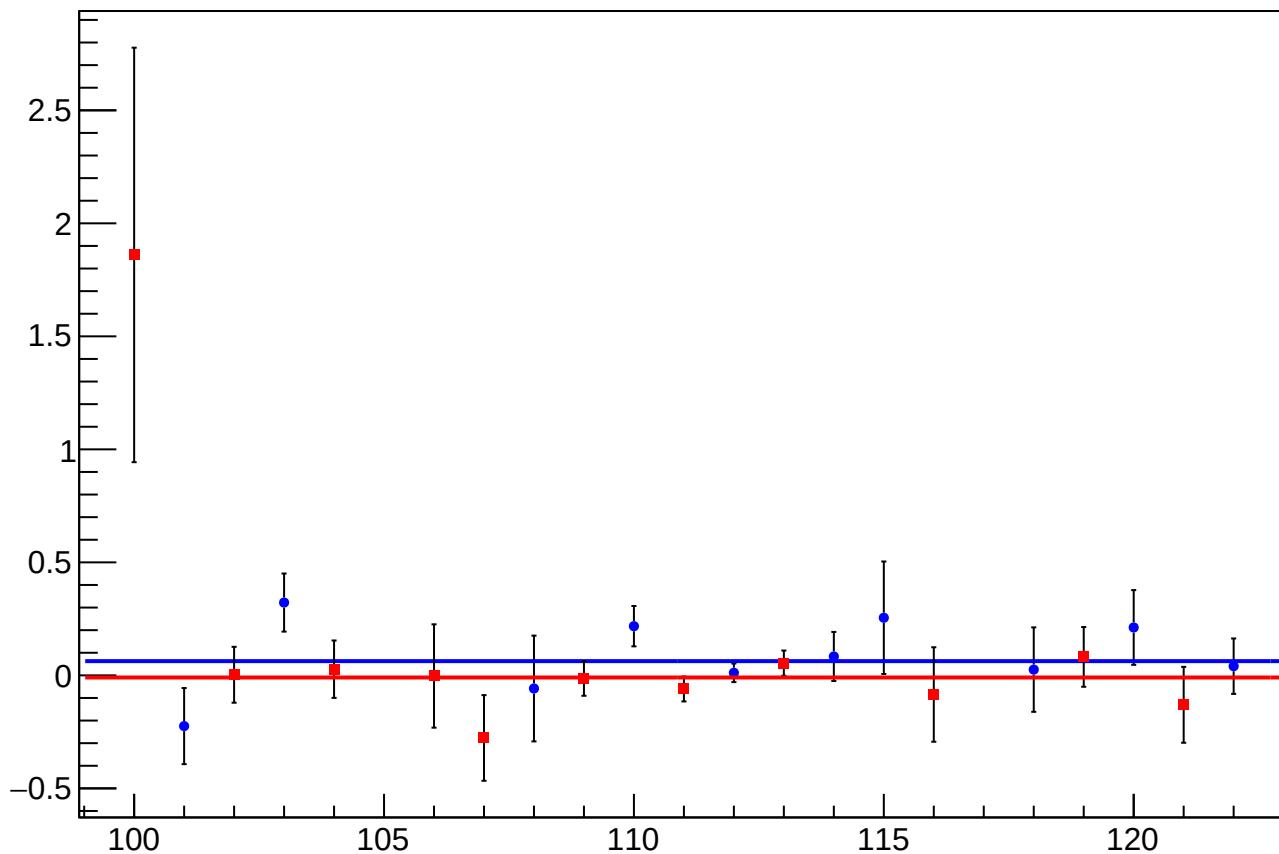
Right: 52.303+/-0.015 χ^2/NDF : 4055383.8/20

In: 49.717+/-0.022 χ^2/NDF : 2360258.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.303+/-0.015 χ^2/NDF : 4055383.8/20

asym_sam4_dit_vs_eigen_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: -0.009 $\pm$ 0.030 χ^2 /NDF: 9.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

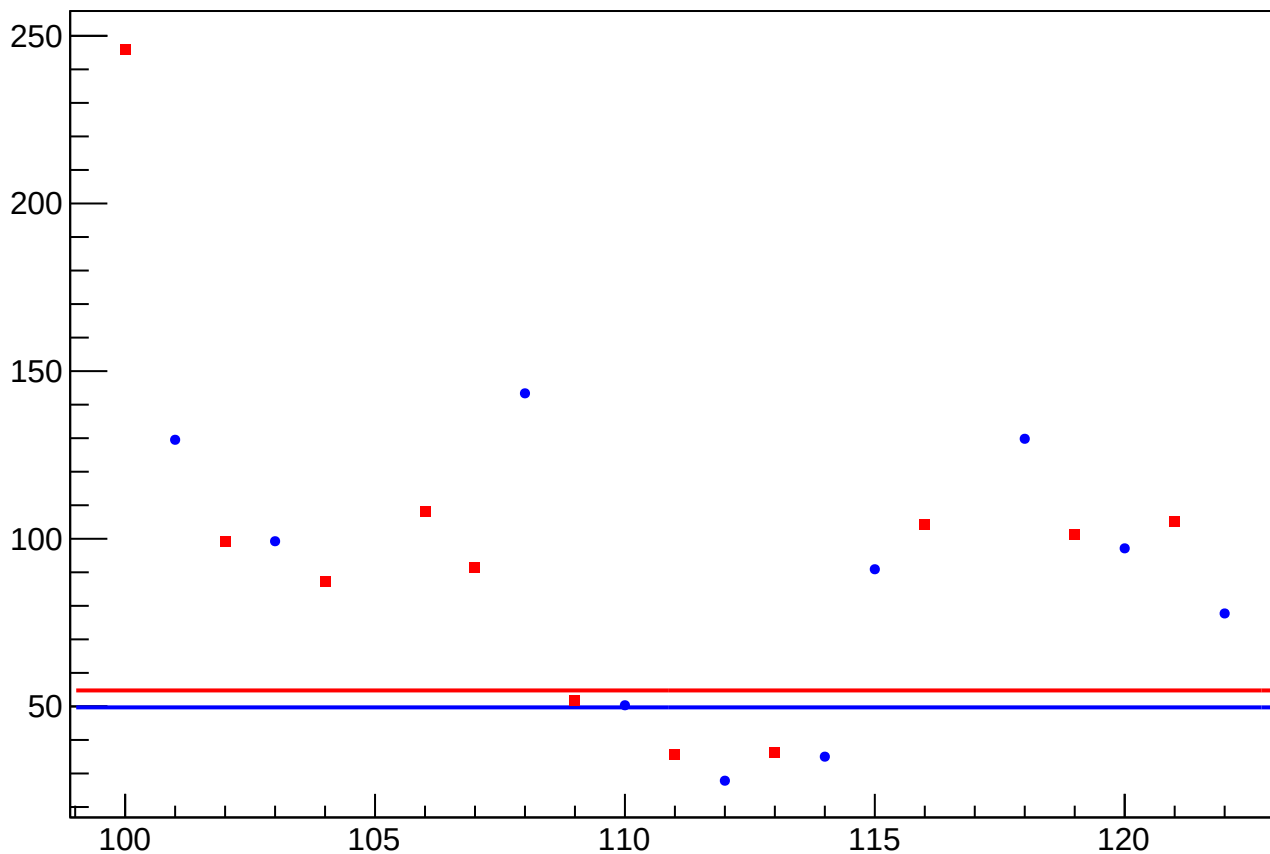
Right: 0.026 $\pm$ 0.021 χ^2 /NDF: 25.7/20

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: 0.026 $\pm$ 0.021 χ^2 /NDF: 25.7/20

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: 54.768+/-0.021 χ^2/NDF : 1667368.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

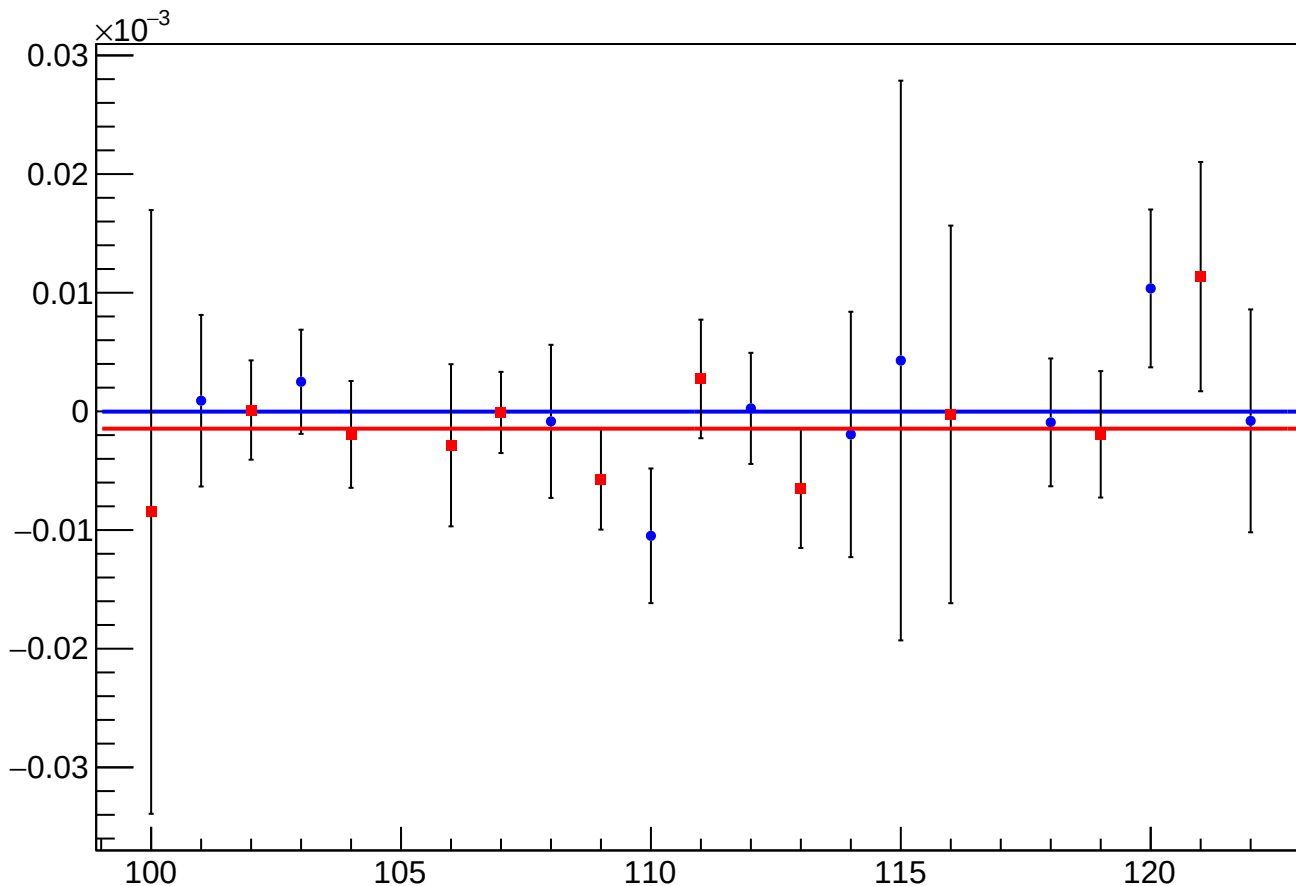
Right: 52.303+/-0.015 χ^2/NDF : 4055383.8/20

In: 49.717+/-0.022 χ^2/NDF : 2360258.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.303+/-0.015 χ^2/NDF : 4055383.8/20

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 : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

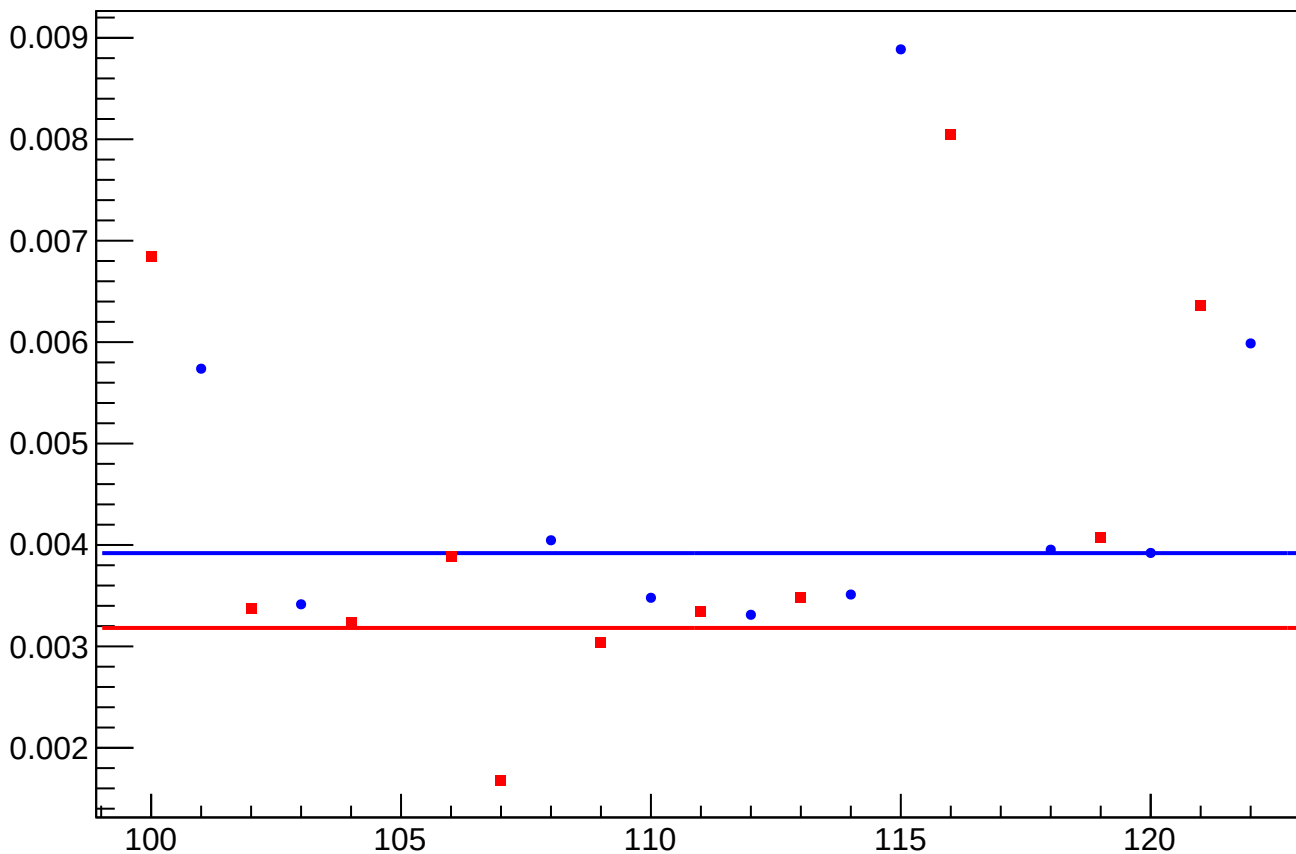
Right: -0.000+/-0.000 χ^2/NDF : 11.5/20

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 : 11.5/20

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 : 923794.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

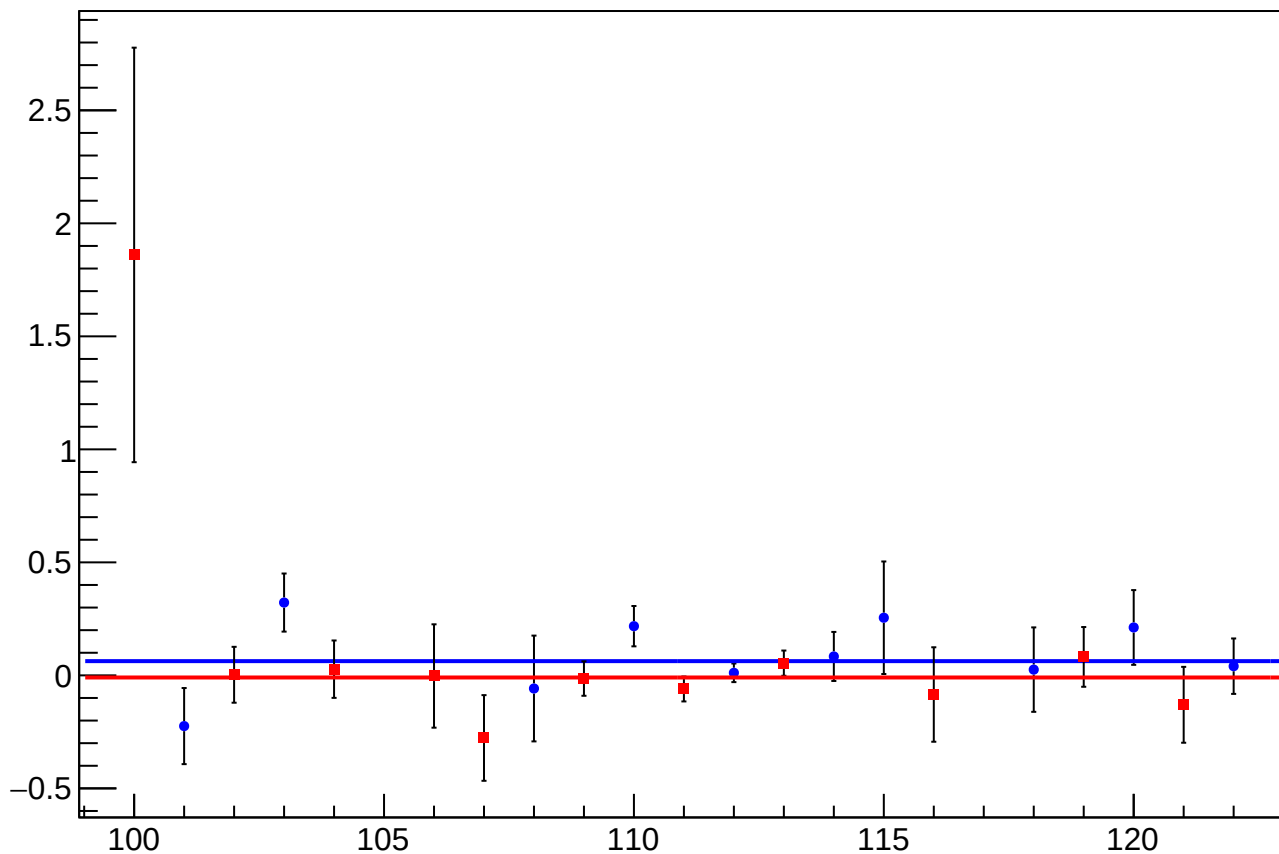
Right: 0.003+/-0.000 χ^2/NDF : 1480024.2/20

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 : 1480024.2/20

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: -0.009+/-0.030 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

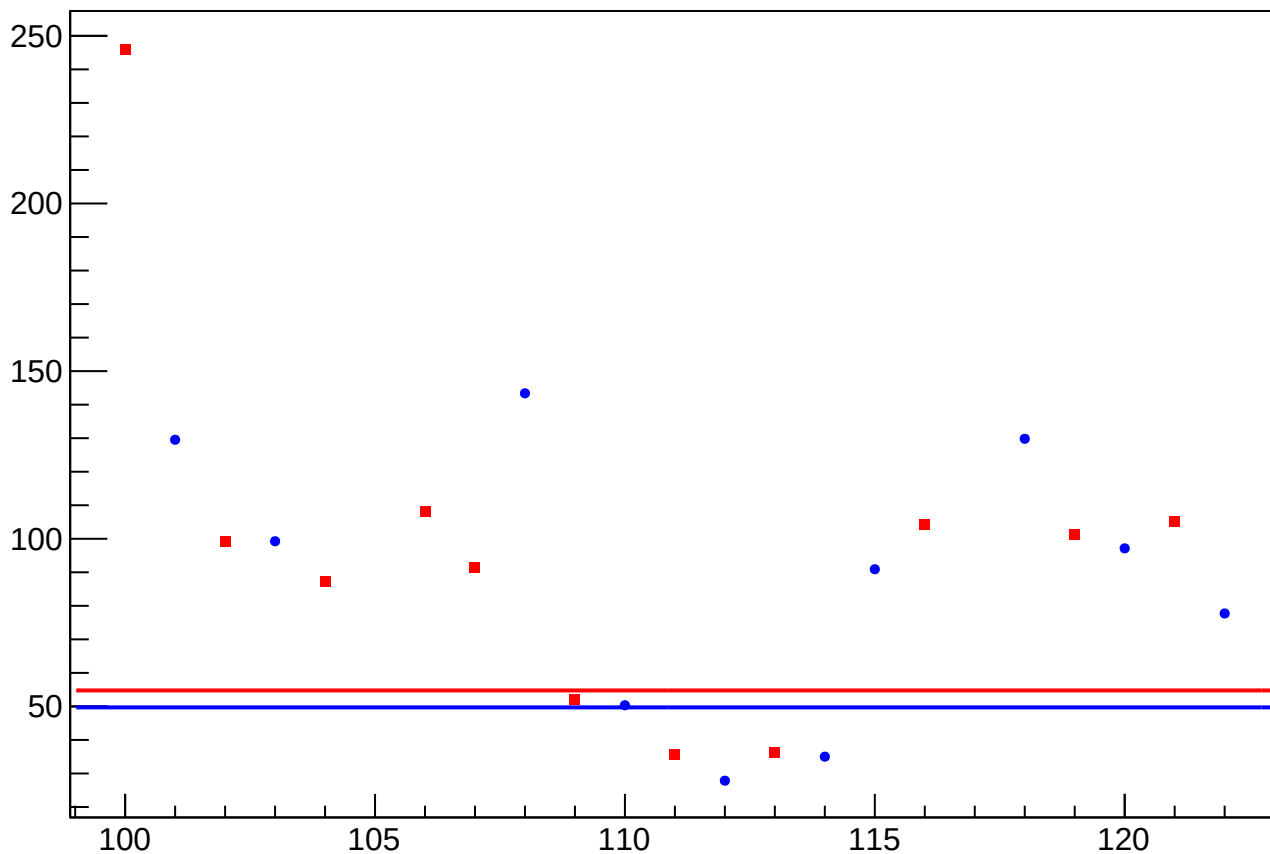
Right: 0.026+/-0.021 χ^2/NDF : 25.7/20

In: 0.063+/-0.031 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.021 χ^2/NDF : 25.7/20

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: 54.766+/-0.021 χ^2/NDF : 1667505.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

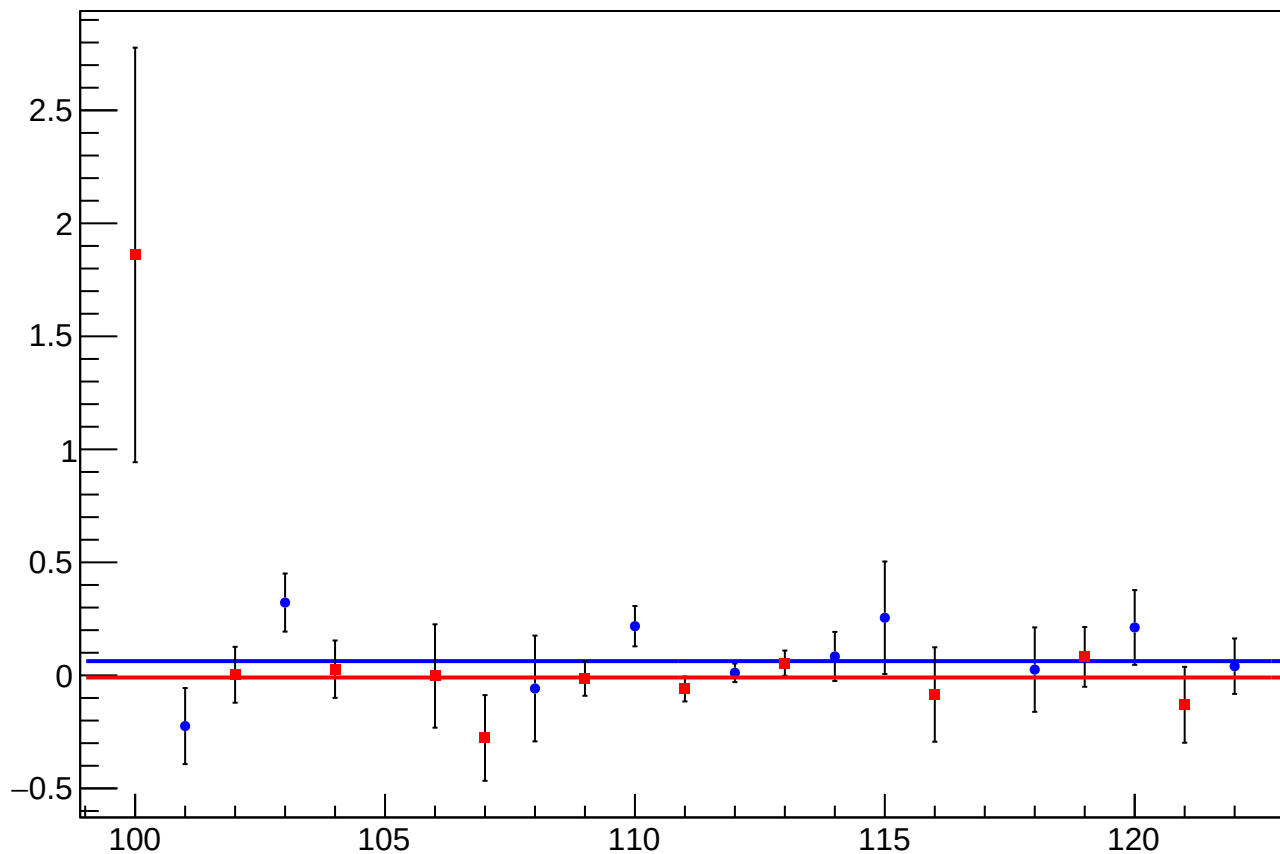
Right: 52.300+/-0.015 χ^2/NDF : 4055662.8/20

In: 49.715+/-0.022 χ^2/NDF : 2360397.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.300+/-0.015 χ^2/NDF : 4055662.8/20

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: -0.009+/-0.030 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

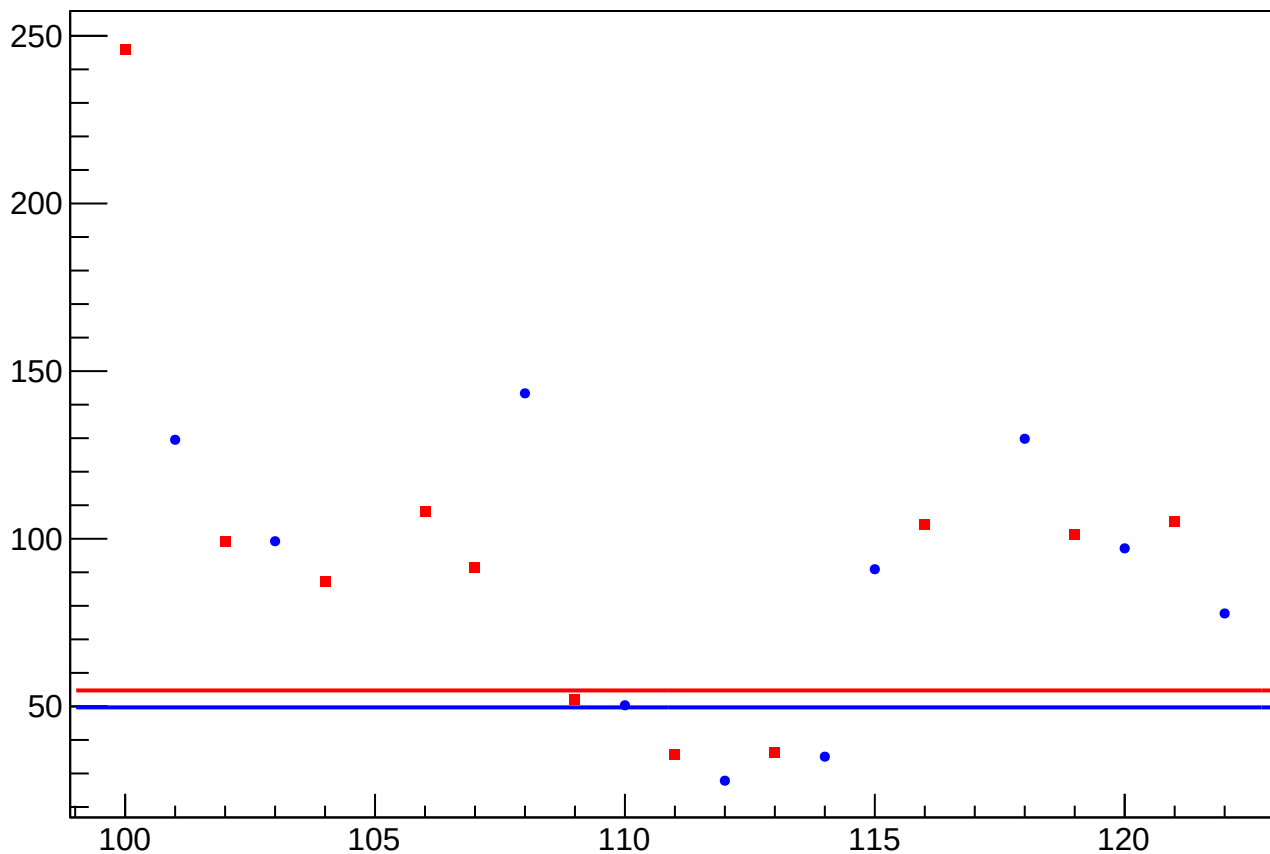
Right: 0.026+/-0.021 χ^2/NDF : 25.7/20

In: 0.063+/-0.031 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.021 χ^2/NDF : 25.7/20

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: 54.766+/-0.021 χ^2/NDF : 1667505.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

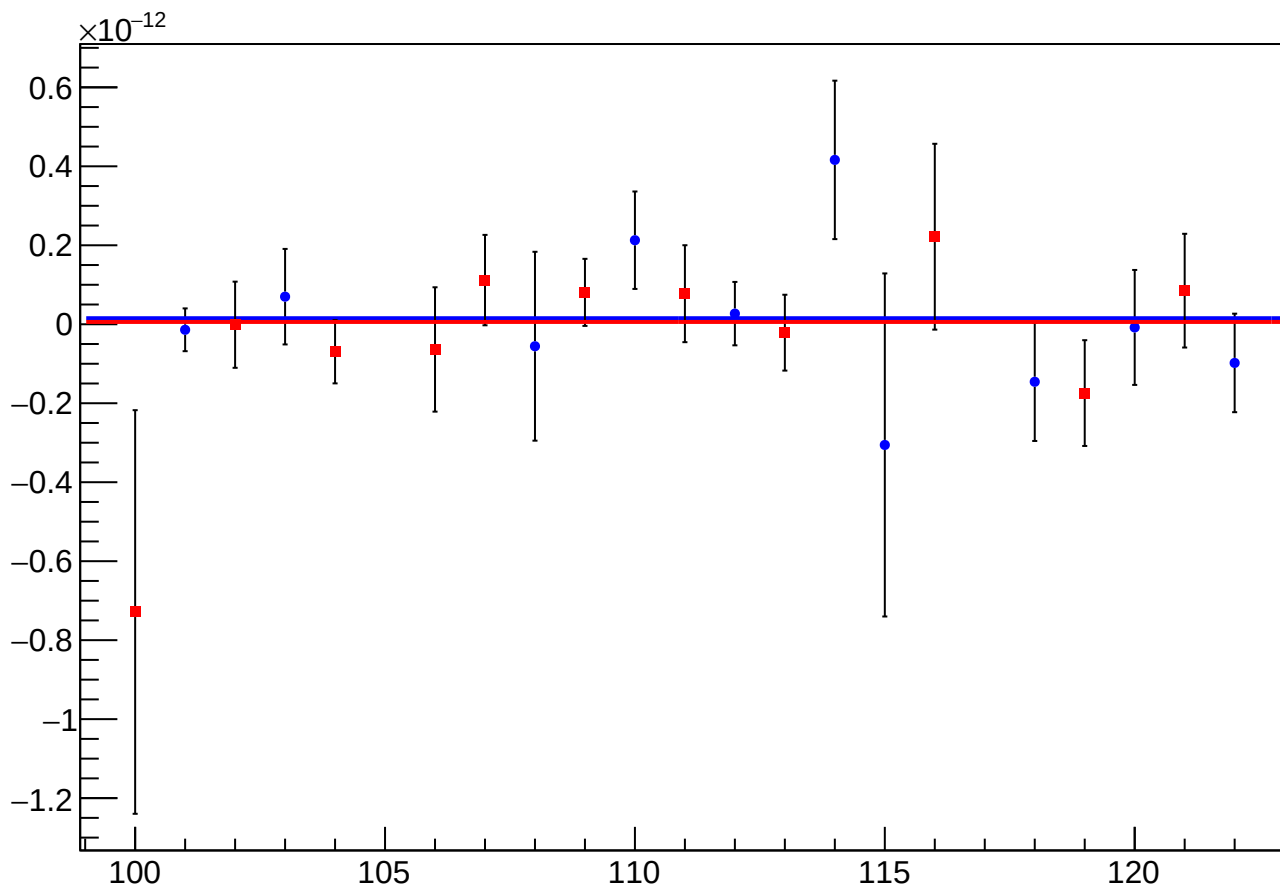
Right: 52.300+/-0.015 χ^2/NDF : 4055662.8/20

In: 49.715+/-0.022 χ^2/NDF : 2360397.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.300+/-0.015 χ^2/NDF : 4055662.8/20

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 : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

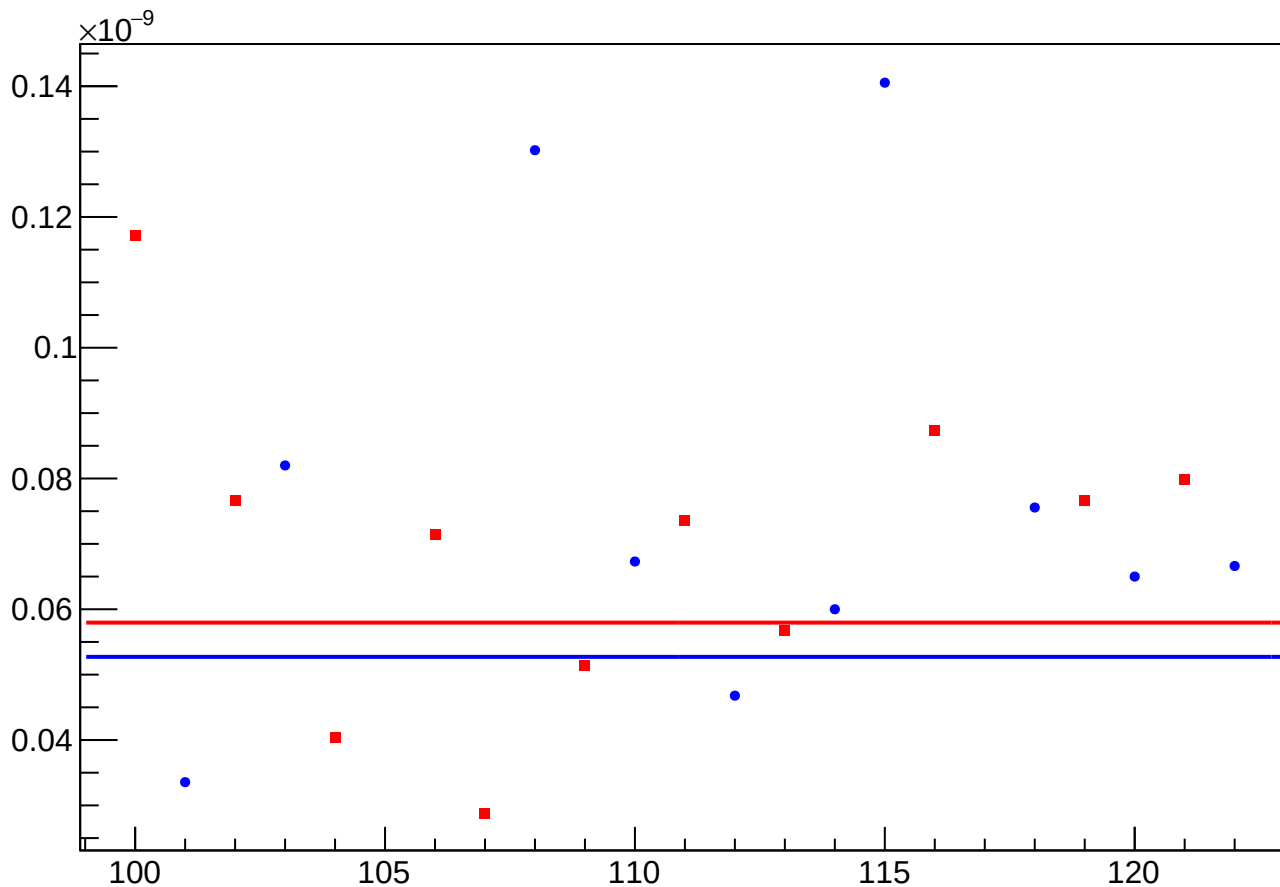
Right: 0.000+/-0.000 χ^2/NDF : 17.9/20

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 : 17.9/20

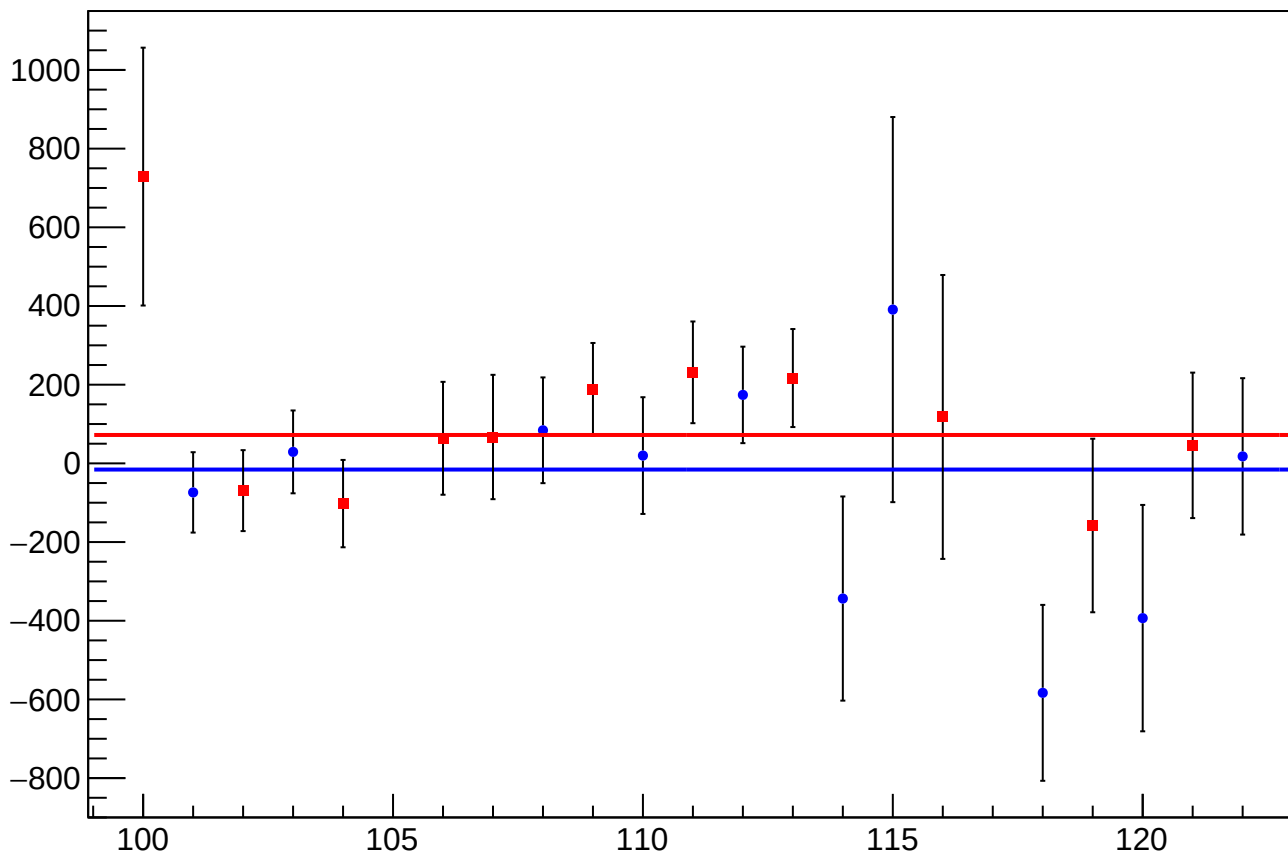
asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 486278.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1294864.2/20
 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 : 1294864.2/20

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -15.715 ± 48.236 χ^2/NDF : 14.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.176 ± 43.555 χ^2/NDF : 13.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

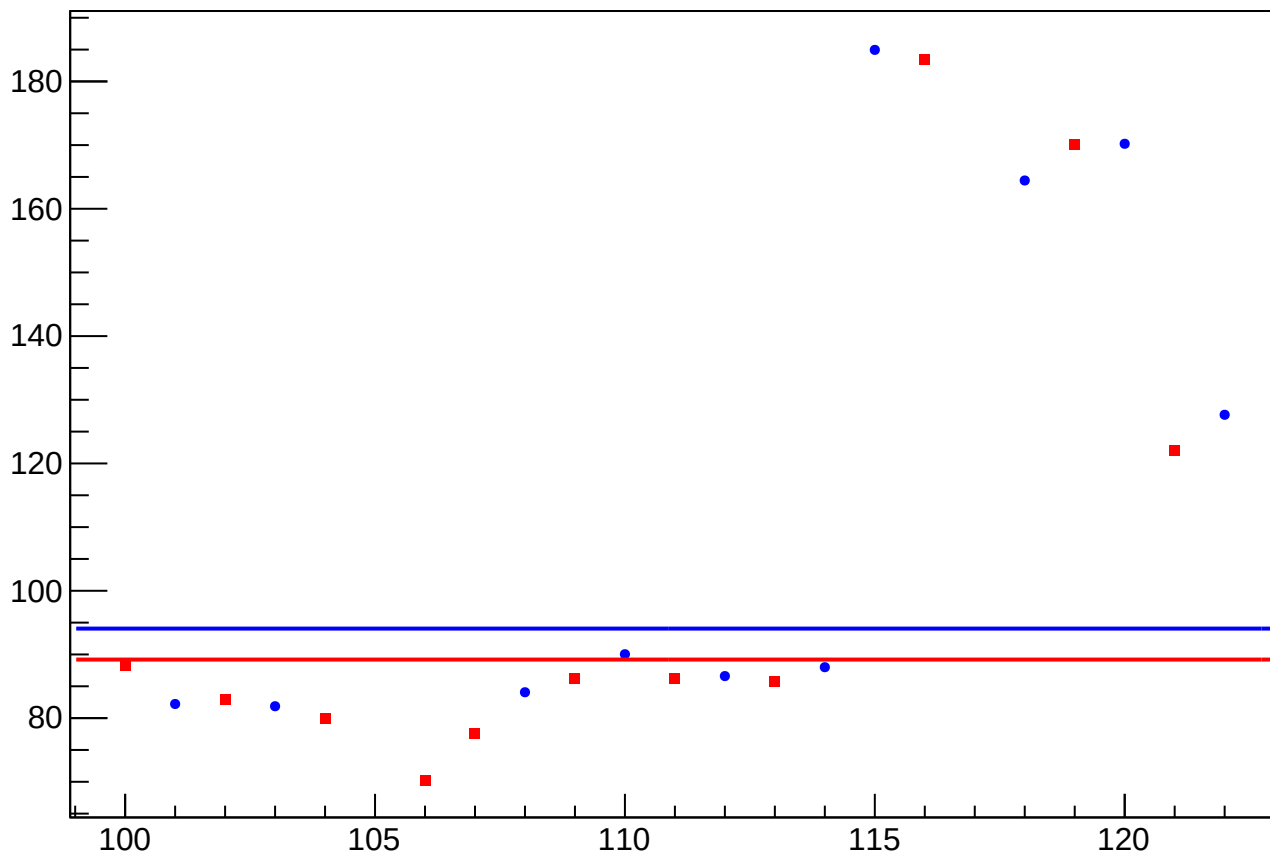
Right: 32.701 ± 32.327 χ^2/NDF : 29.2/20

In: -15.715 ± 48.236 χ^2/NDF : 14.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 32.701 ± 32.327 χ^2/NDF : 29.2/20

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: 89.197 $\pm$ 0.031 χ^2 /NDF: 540282.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

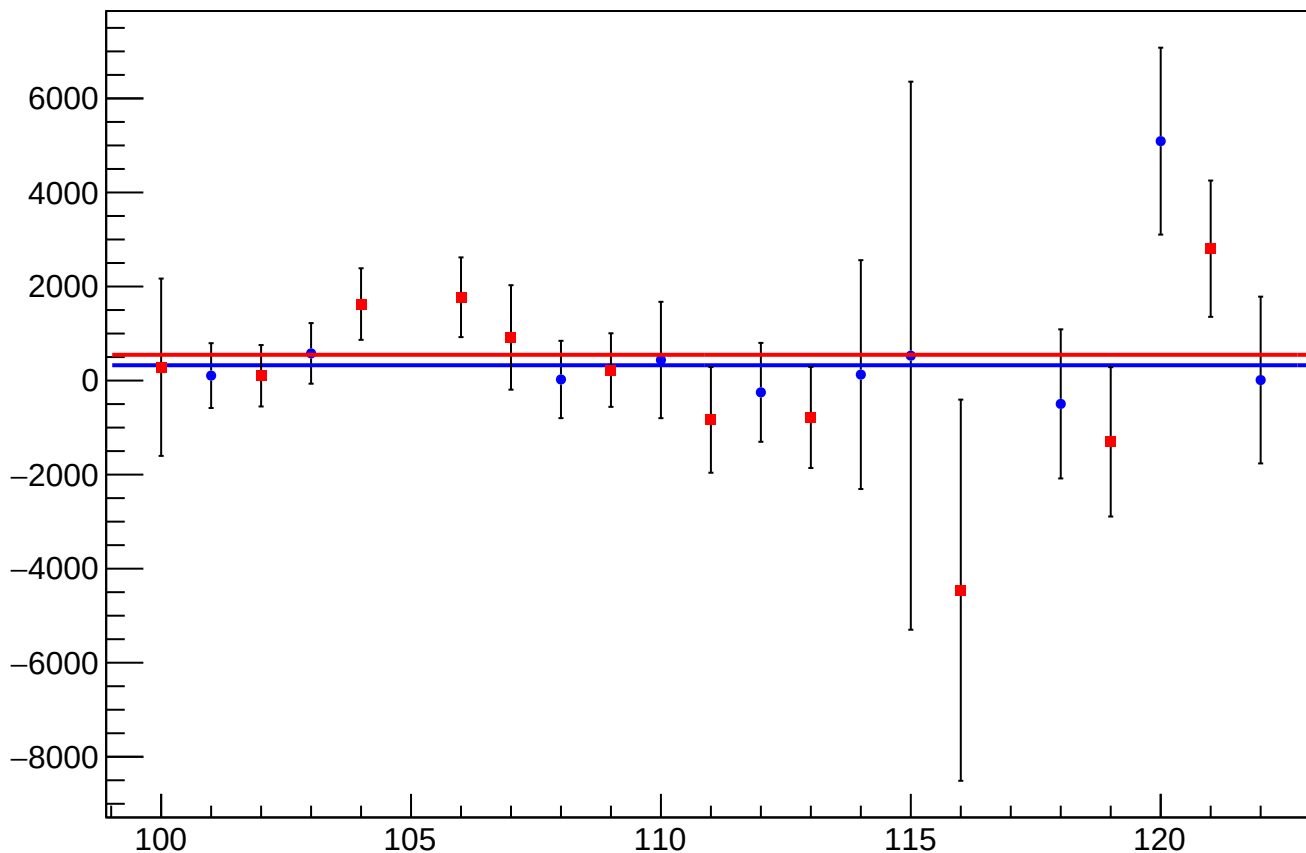
Right: 91.382 $\pm$ 0.023 χ^2 /NDF: 1090587.6/20

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: 91.382 $\pm$ 0.023 χ^2 /NDF: 1090587.6/20

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: 547.943+/-304.580 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

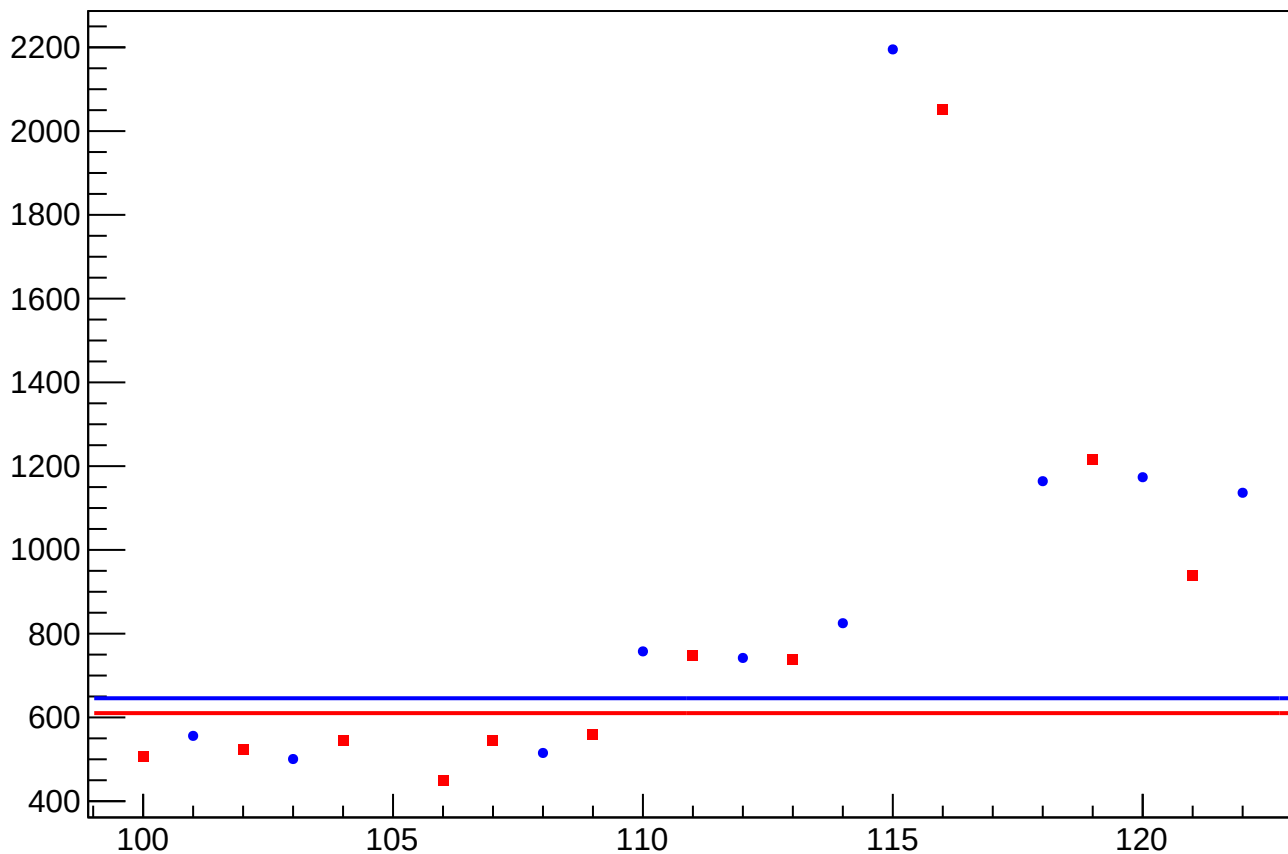
Right: 448.573+/-226.465 χ^2/NDF : 20.2/20

In: 325.719+/-338.663 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.573+/-226.465 χ^2/NDF : 20.2/20

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: 610.258+/-0.215 χ^2/NDF : 847695.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

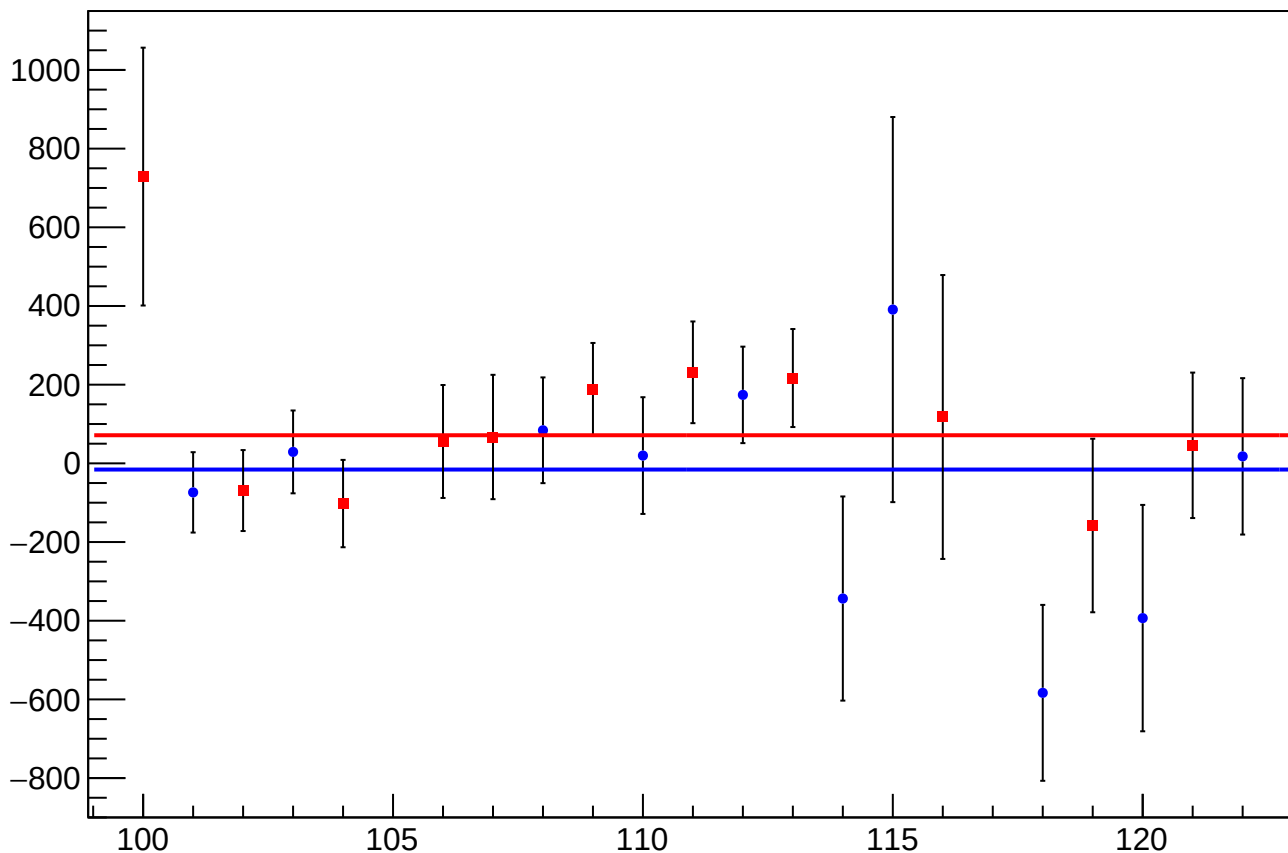
Right: 626.145+/-0.160 χ^2/NDF : 1739015.5/20

In: 645.786+/-0.239 χ^2/NDF : 879151.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.145+/-0.160 χ^2/NDF : 1739015.5/20

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: 71.467 ± 43.559 χ^2/NDF : 13.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

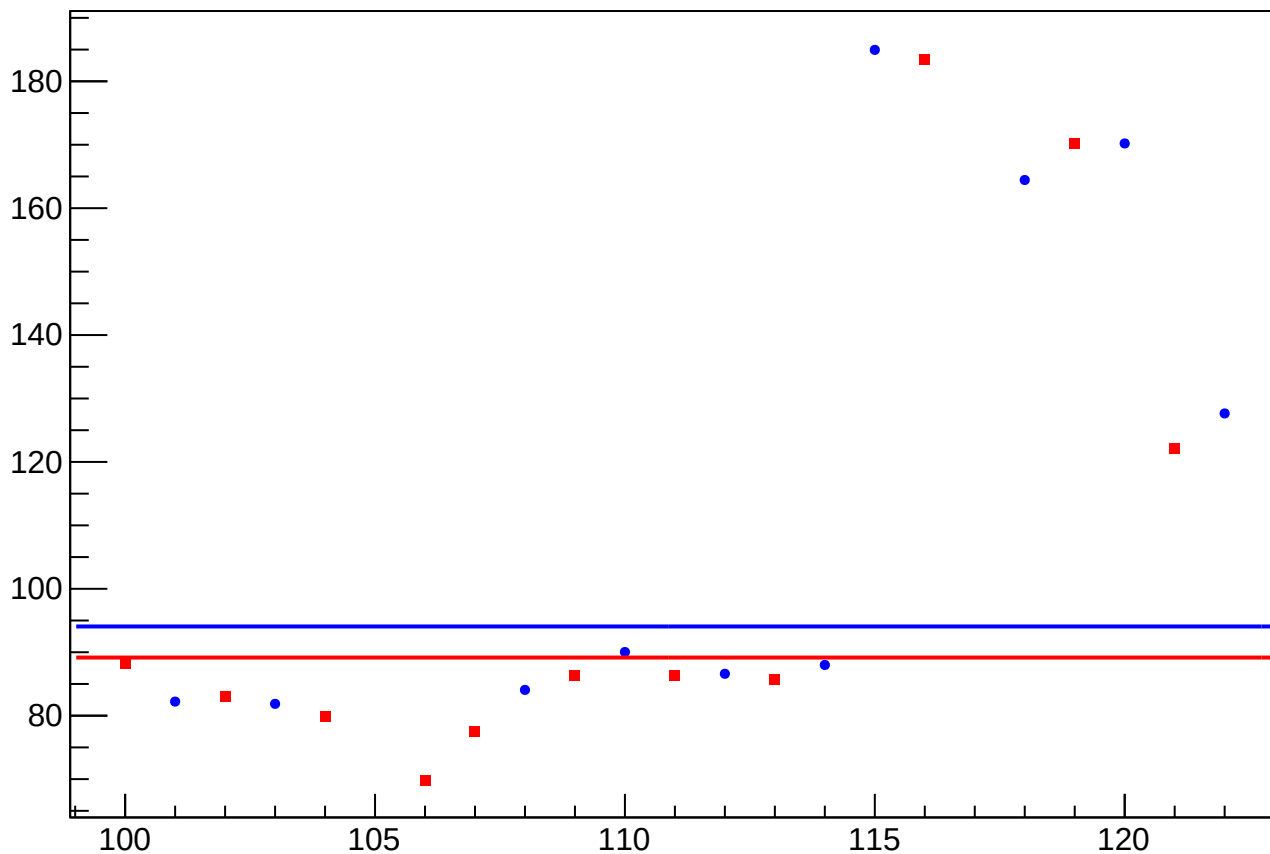
Right: 32.298 ± 32.328 χ^2/NDF : 29.1/20

In: -15.733 ± 48.236 χ^2/NDF : 14.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 32.298 ± 32.328 χ^2/NDF : 29.1/20

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: 89.164+/-0.031 χ^2/NDF : 541762.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

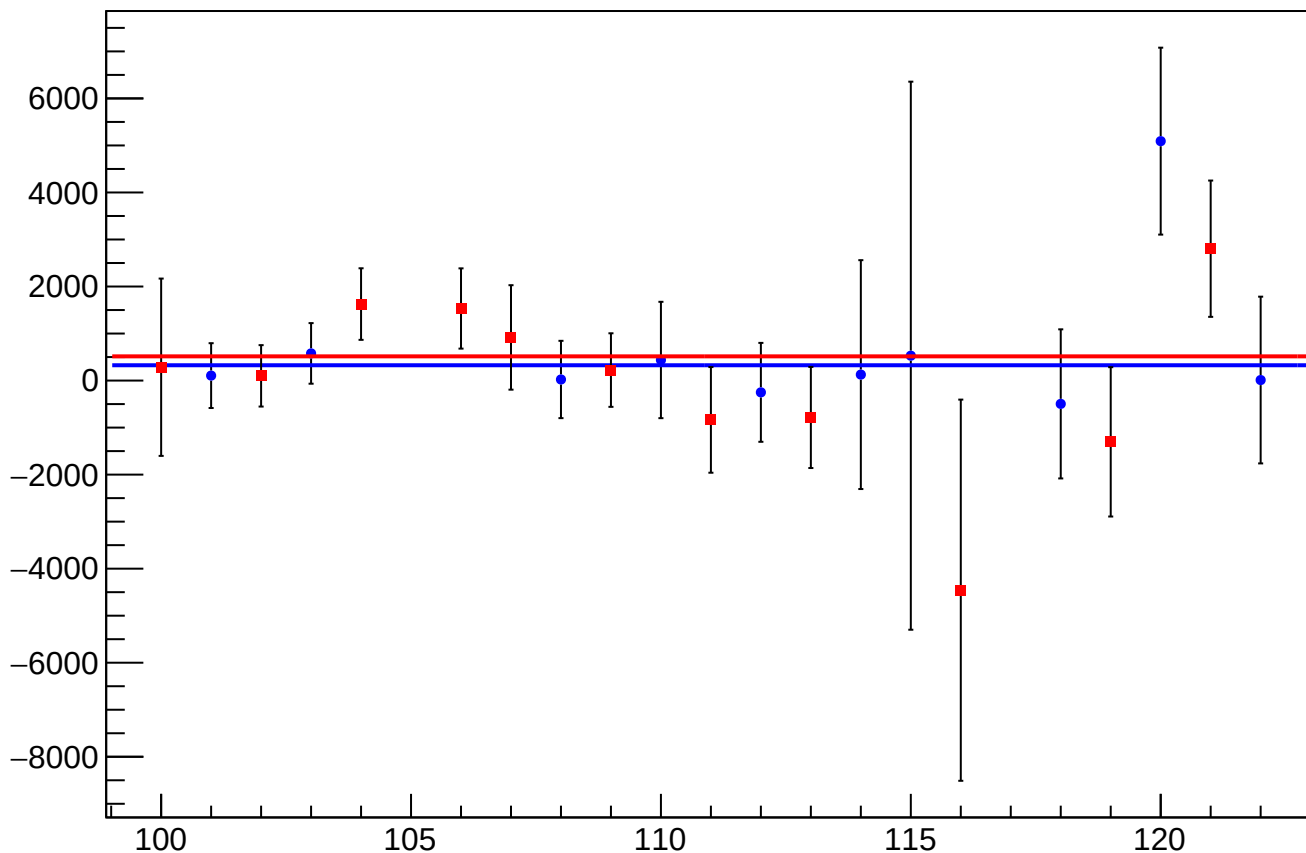
Right: 91.364+/-0.023 χ^2/NDF : 1092221.4/20

In: 94.062+/-0.034 χ^2/NDF : 539100.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.364+/-0.023 χ^2/NDF : 1092221.4/20

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: 515.016+/-304.836 χ^2/NDF : 12.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

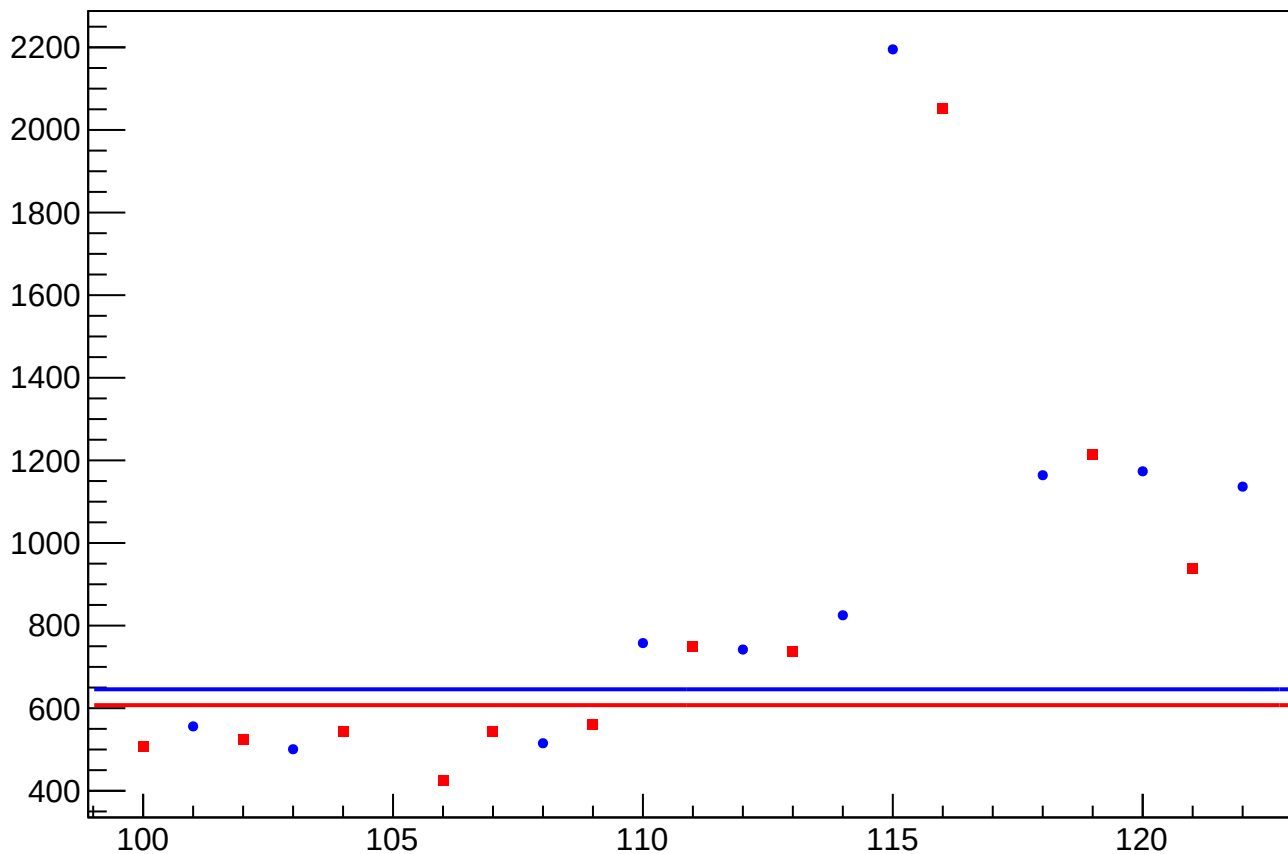
Right: 430.292+/-226.570 χ^2/NDF : 19.4/20

In: 325.721+/-338.663 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.292+/-226.570 χ^2/NDF : 19.4/20

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: 607.417+/-0.216 χ^2/NDF : 869803.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

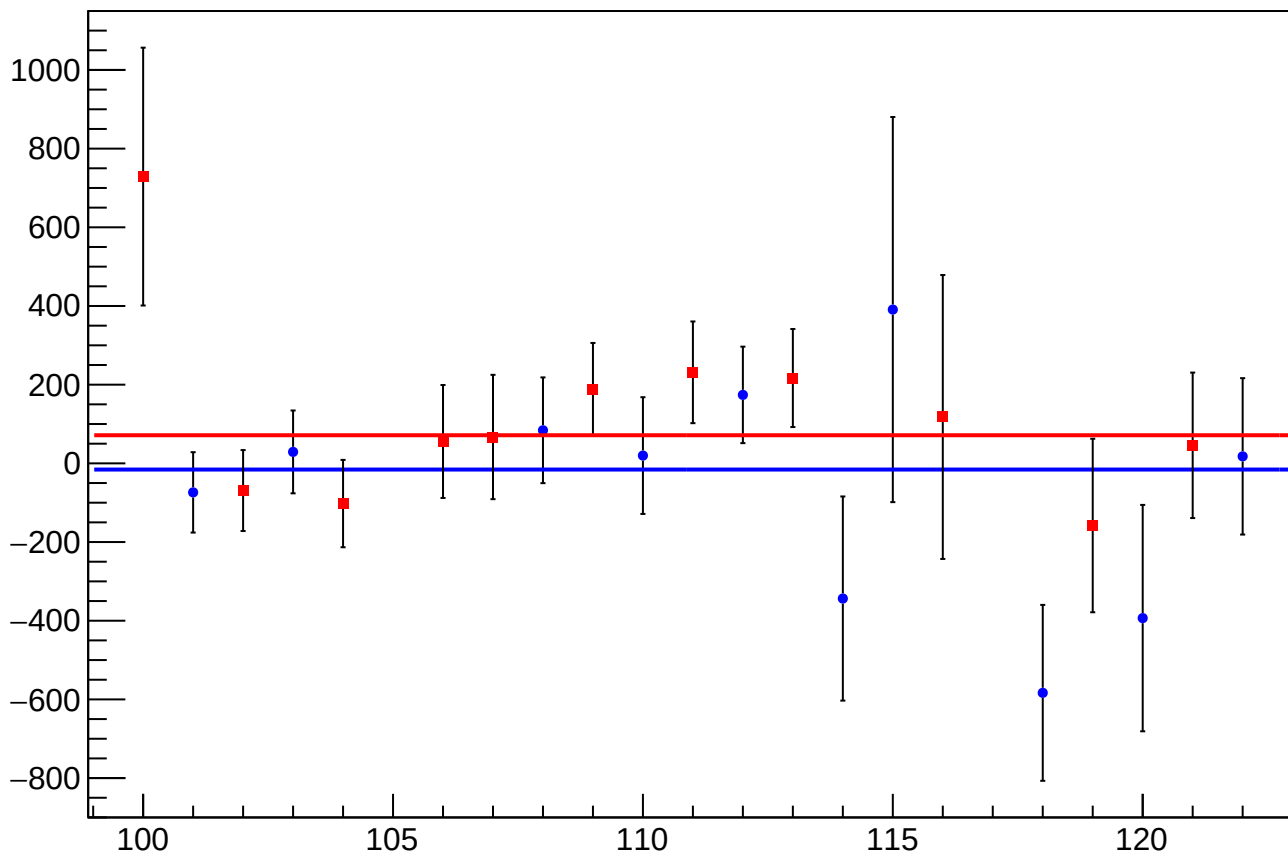
Right: 624.590+/-0.160 χ^2/NDF : 1763135.8/20

In: 645.786+/-0.239 χ^2/NDF : 879150.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.590+/-0.160 χ^2/NDF : 1763135.8/20

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: 71.467+/-43.559 χ^2/NDF : 13.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

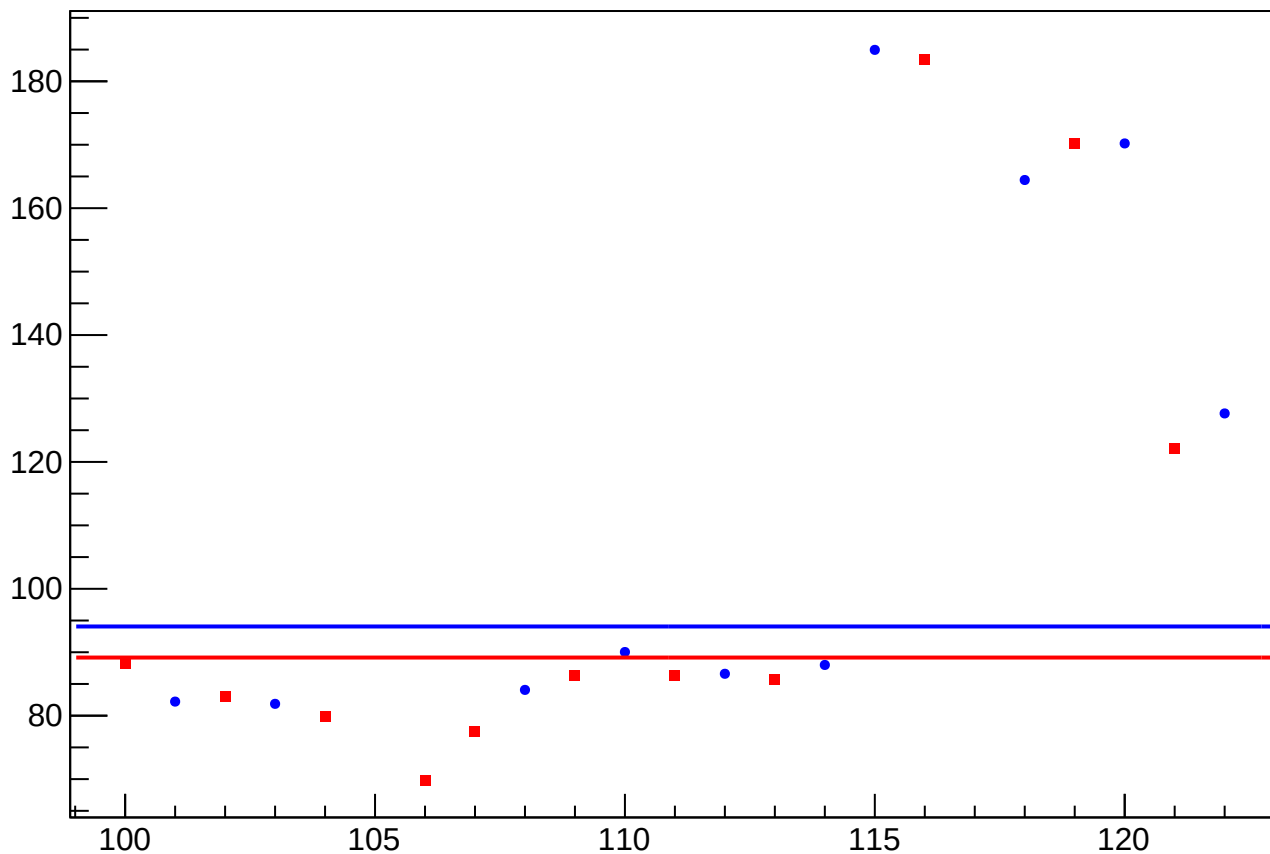
Right: 32.298+/-32.328 χ^2/NDF : 29.1/20

In: -15.733+/-48.236 χ^2/NDF : 14.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.298+/-32.328 χ^2/NDF : 29.1/20

eigen_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: 89.164+/-0.031 χ^2/NDF : 541762.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

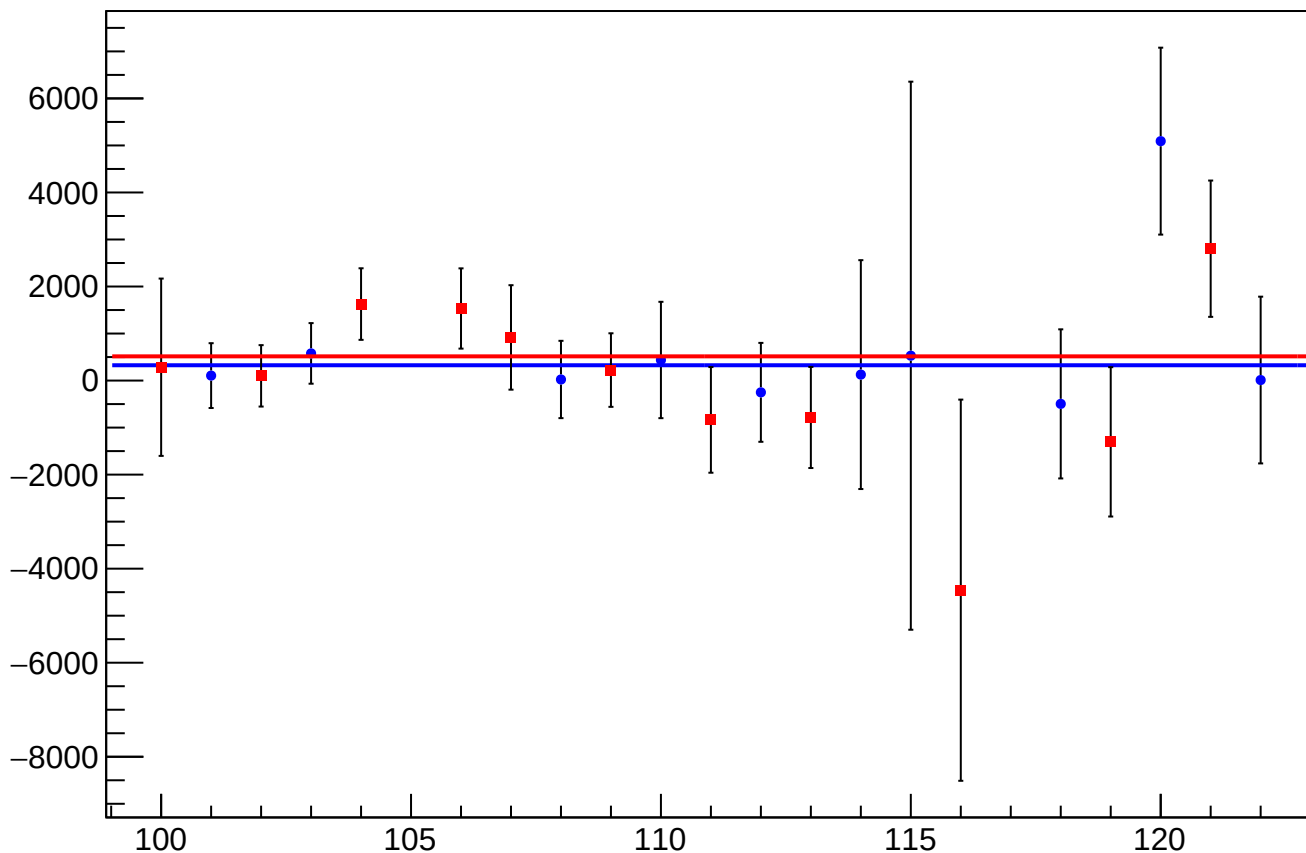
Right: 91.364+/-0.023 χ^2/NDF : 1092221.4/20

In: 94.062+/-0.034 χ^2/NDF : 539100.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.364+/-0.023 χ^2/NDF : 1092221.4/20

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: 515.016+/-304.836 χ^2/NDF : 12.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

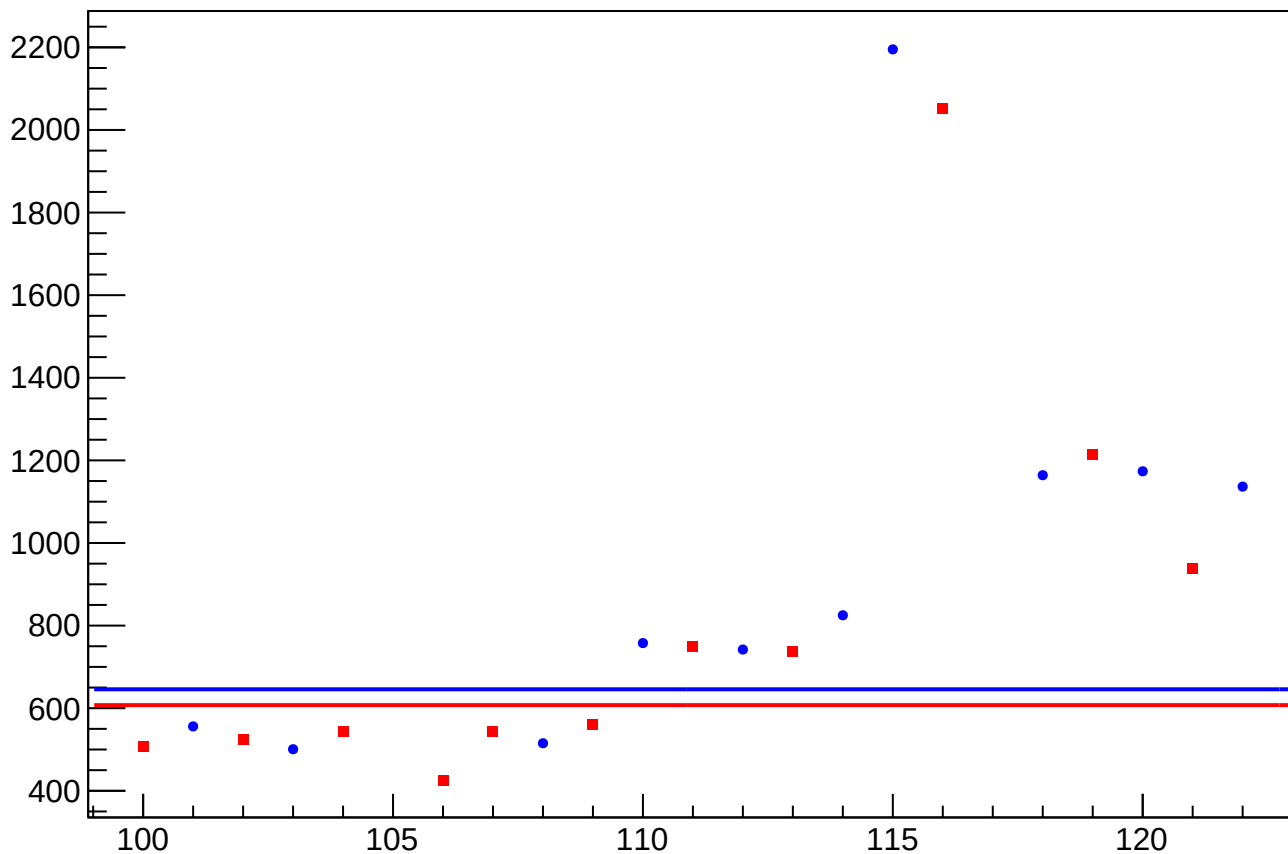
Right: 430.292+/-226.570 χ^2/NDF : 19.4/20

In: 325.721+/-338.663 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.292+/-226.570 χ^2/NDF : 19.4/20

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: 607.417+/-0.216 χ^2/NDF : 869803.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

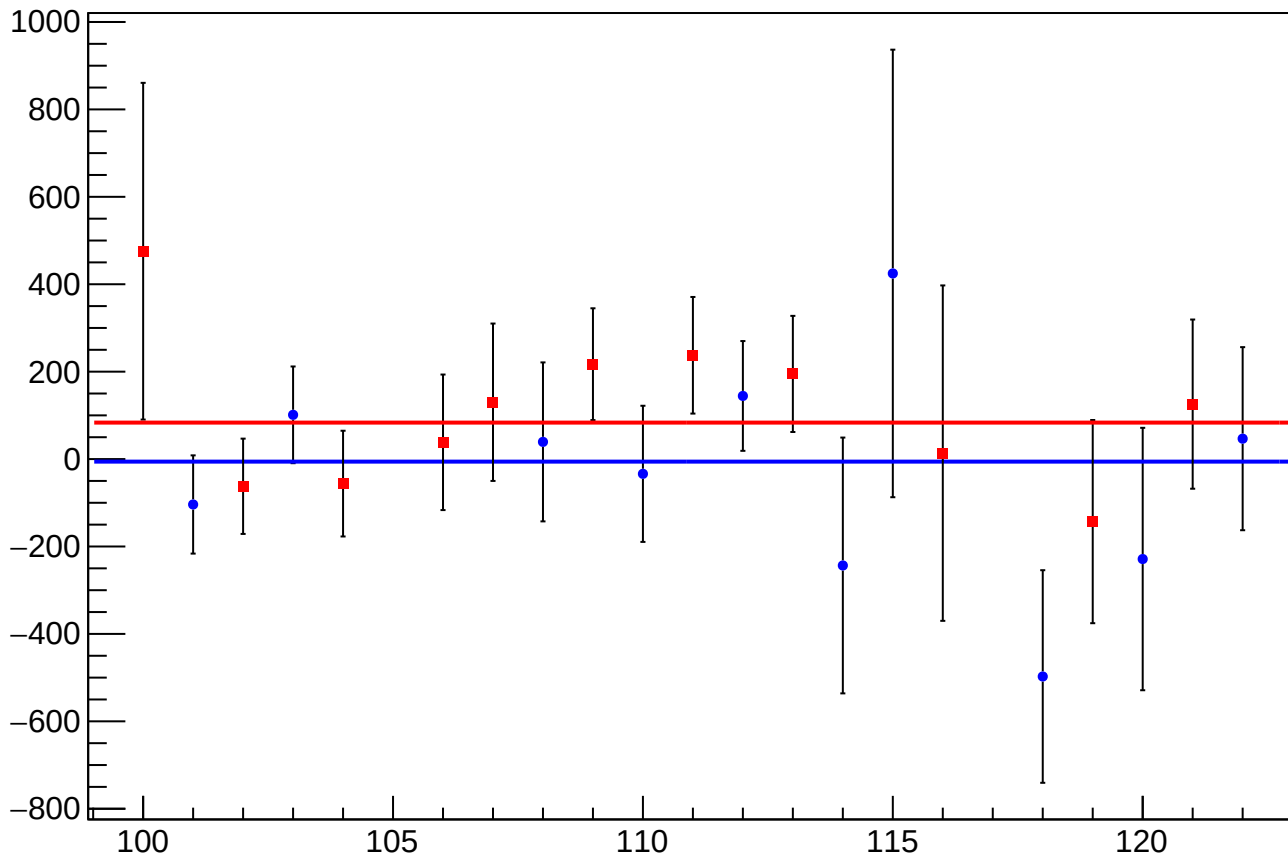
Right: 624.590+/-0.160 χ^2/NDF : 1763135.8/20

In: 645.786+/-0.239 χ^2/NDF : 879150.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.590+/-0.160 χ^2/NDF : 1763135.8/20

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: 83.457+/-46.742 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

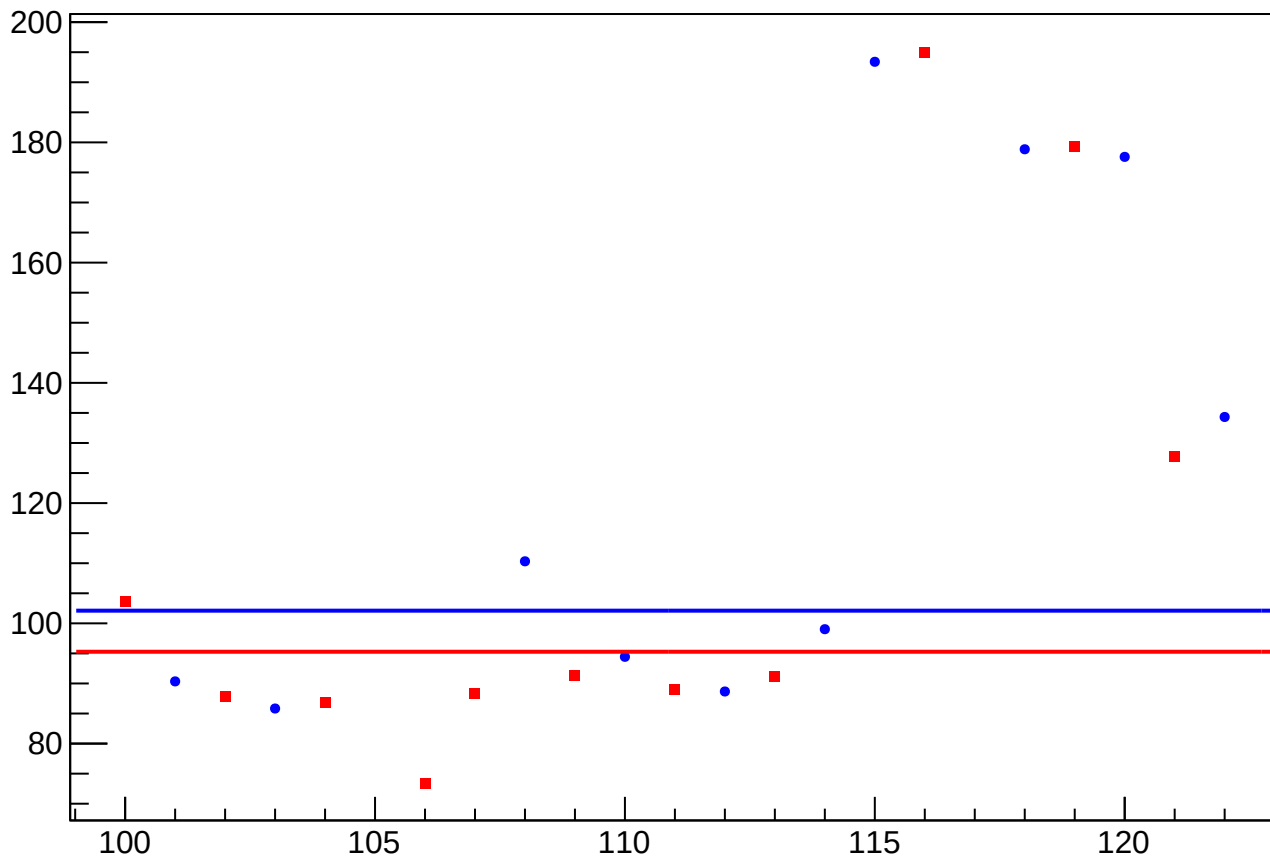
Right: 44.027+/-34.926 χ^2/NDF : 19.4/20

In: -5.820+/-52.554 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.027+/-34.926 χ^2/NDF : 19.4/20

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 102.109+/-0.037 χ^2/NDF : 533833.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.277+/-0.033 χ^2/NDF : 523648.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

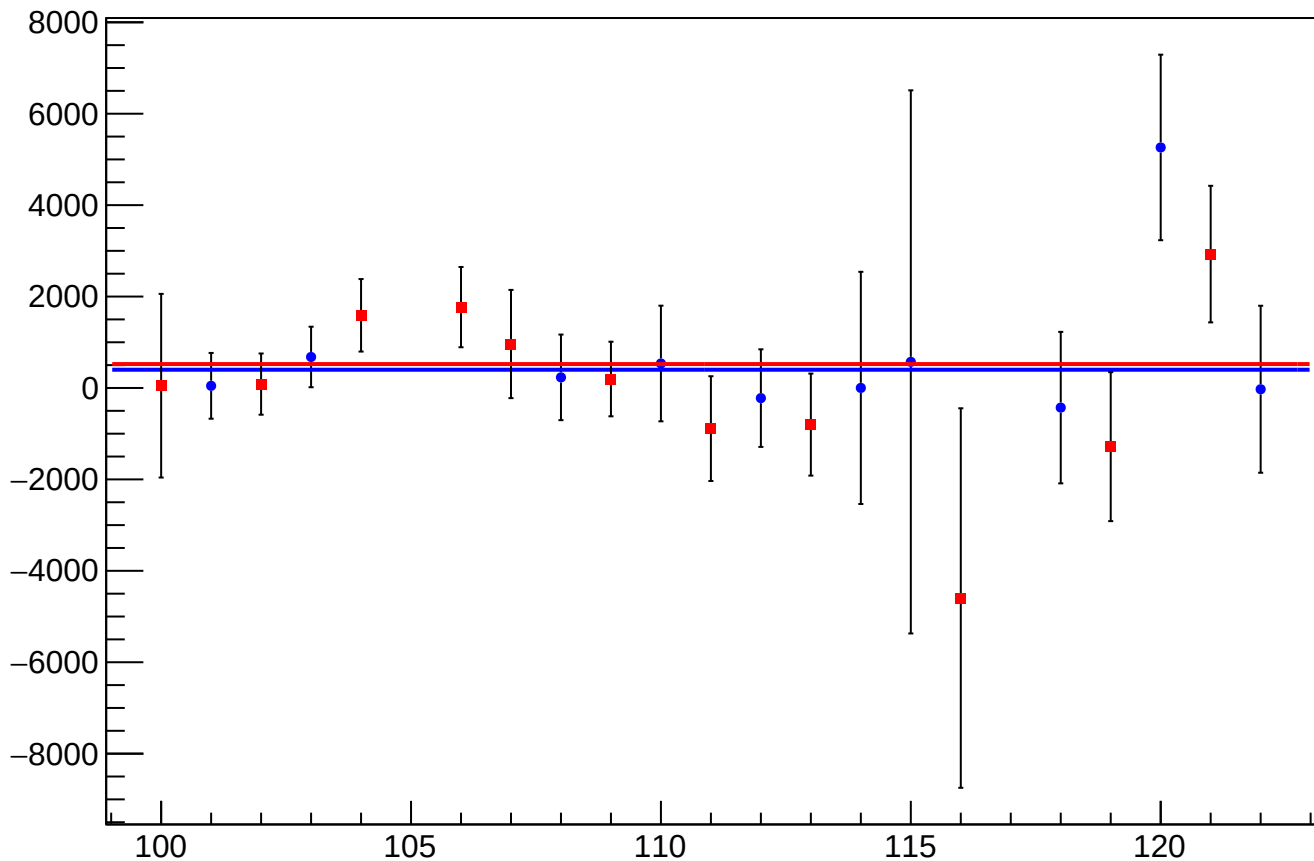
Right: 98.295+/-0.025 χ^2/NDF : 1076357.0/20

In: 102.109+/-0.037 χ^2/NDF : 533833.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.295+/-0.025 χ^2/NDF : 1076357.0/20

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: 523.138+/-315.803 χ^2/NDF : 12.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

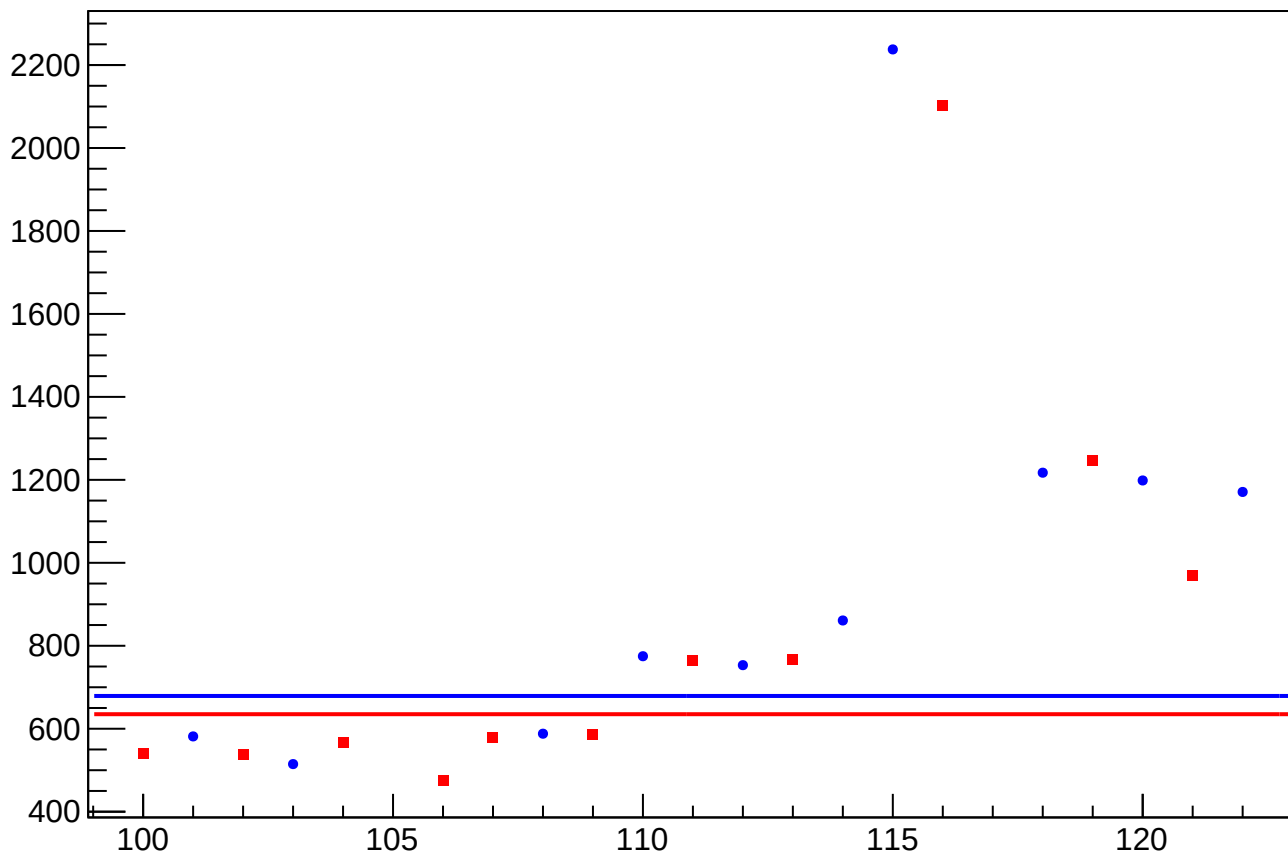
Right: 468.371+/-235.873 χ^2/NDF : 19.8/20

In: 399.269+/-354.731 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.371+/-235.873 χ^2/NDF : 19.8/20

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 679.008 $\pm$ 0.251 χ^2 /NDF: 834894.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 635.029 $\pm$ 0.223 χ^2 /NDF: 824478.1/10

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

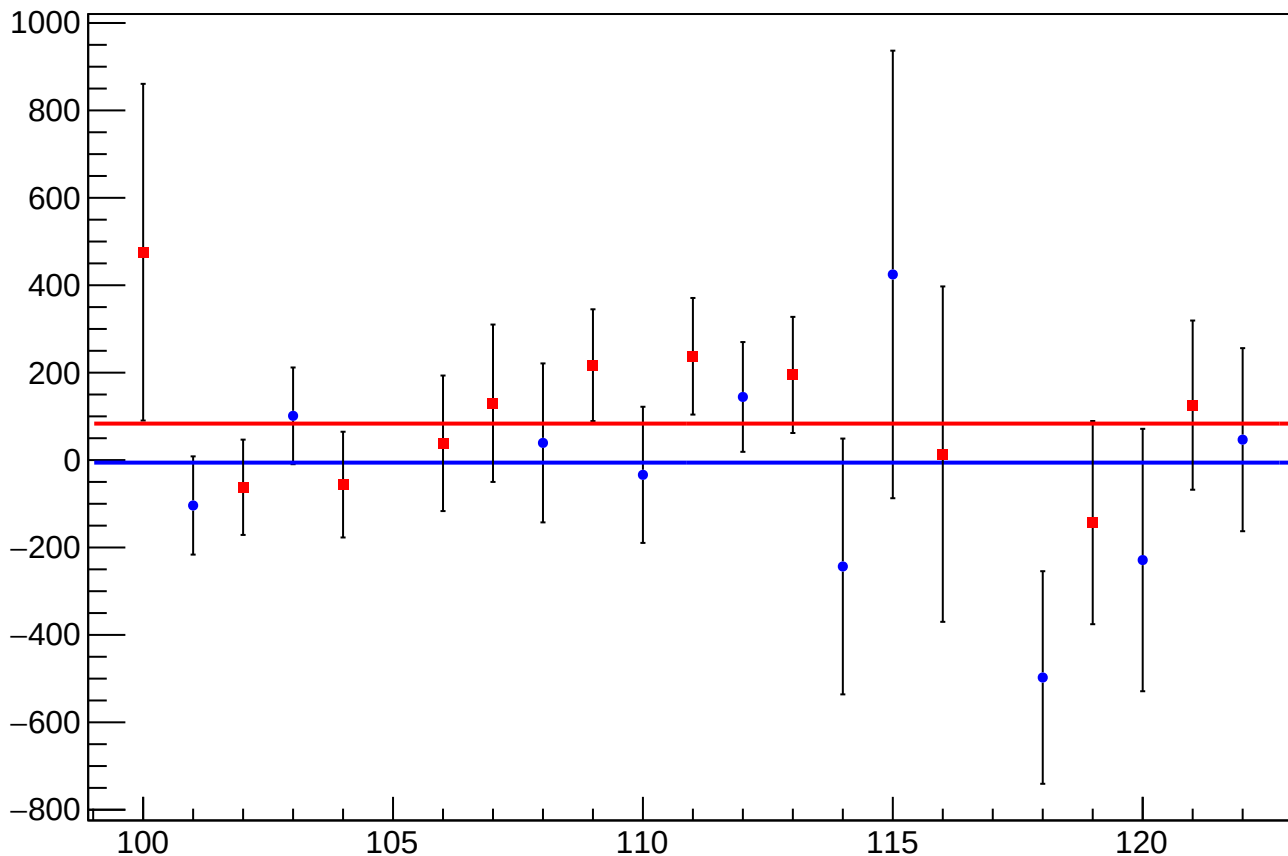
Right: 654.474 $\pm$ 0.167 χ^2 /NDF: 1676522.1/20

In: 679.008 $\pm$ 0.251 χ^2 /NDF:834894.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 654.474 $\pm$ 0.167 χ^2 /NDF: 1676522.1/20

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: 83.457+/-46.741 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

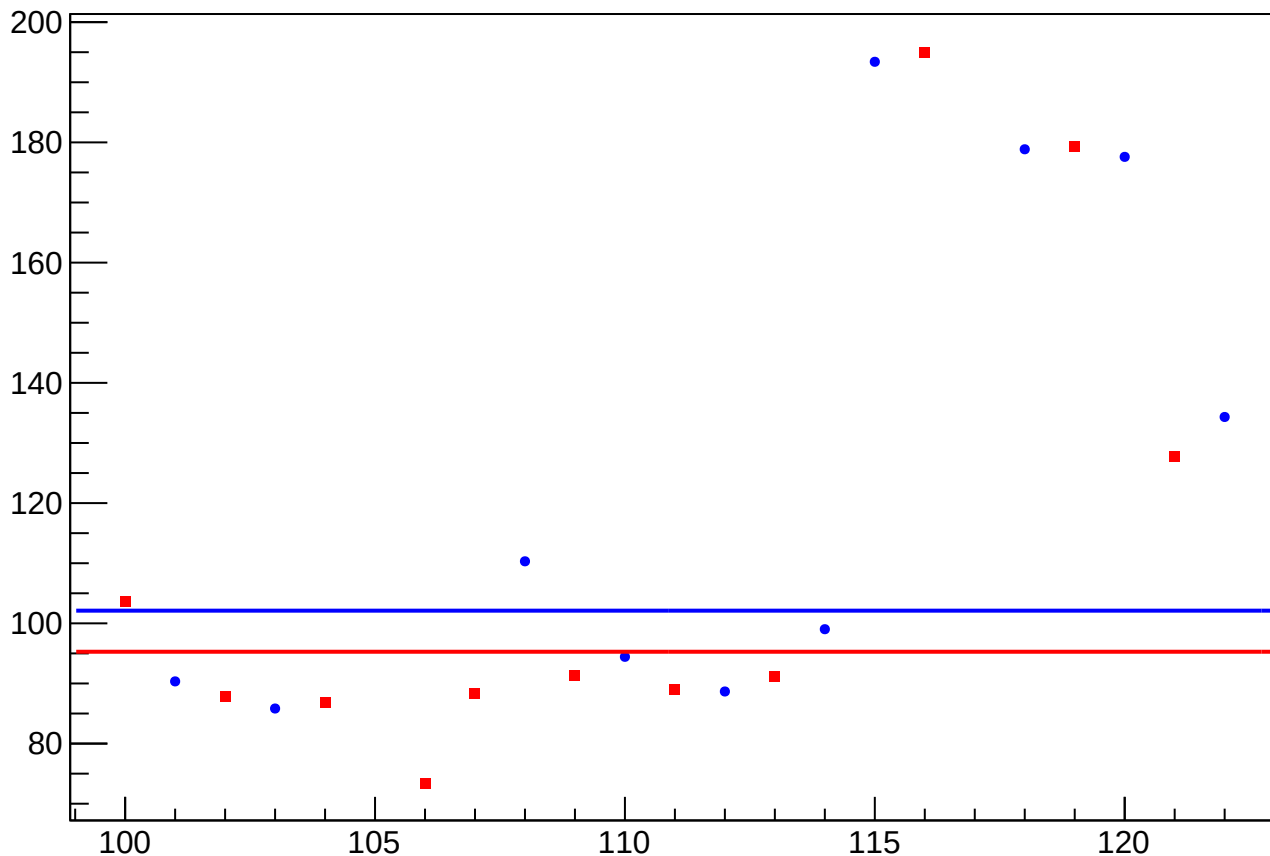
Right: 44.026+/-34.926 χ^2/NDF : 19.4/20

In: -5.821+/-52.554 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.026+/-34.926 χ^2/NDF : 19.4/20

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: 95.277+/-0.033 χ^2/NDF : 523648.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

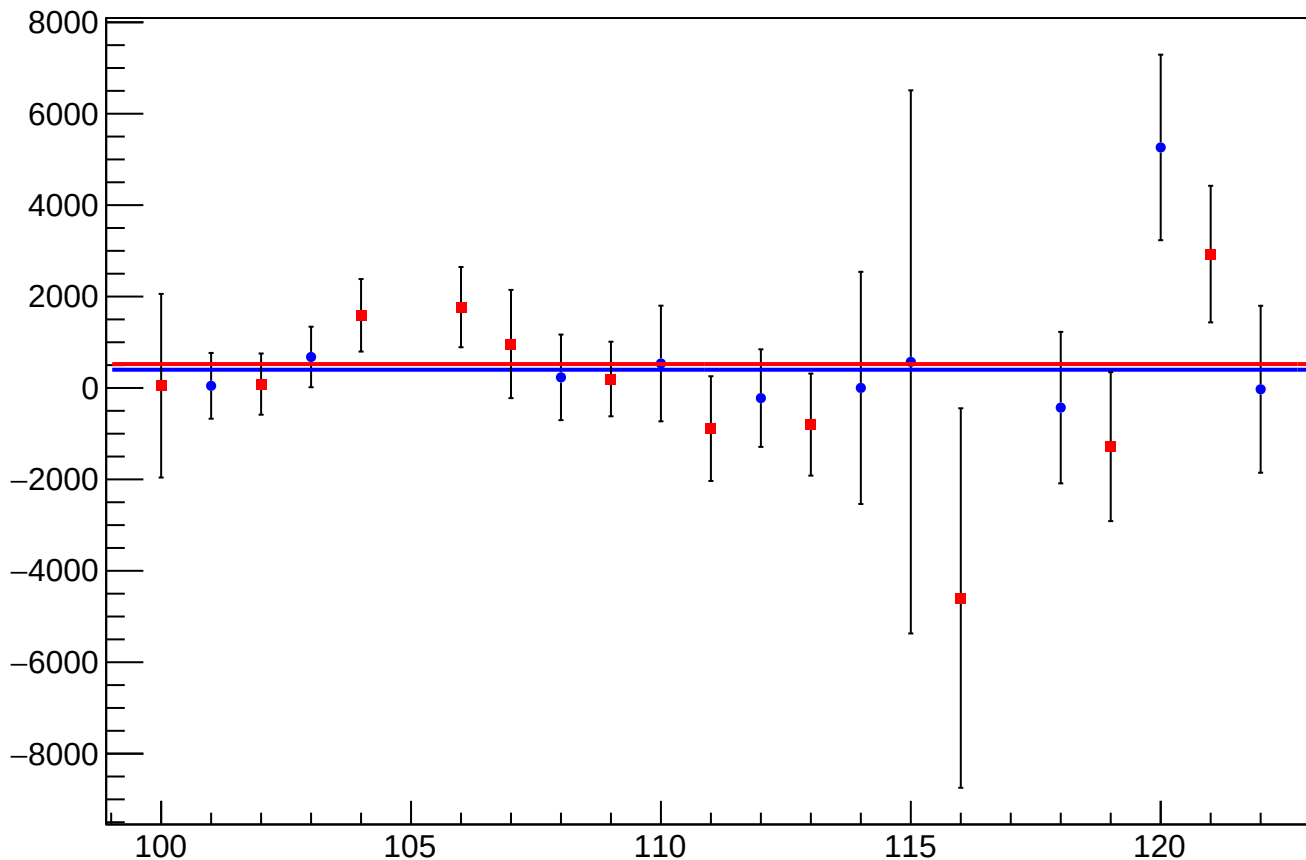
Right: 98.294+/-0.025 χ^2/NDF : 1076356.6/20

In: 102.109+/-0.037 χ^2/NDF : 533834.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.294+/-0.025 χ^2/NDF : 1076356.6/20

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: 523.138+/-315.803 χ^2/NDF : 12.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

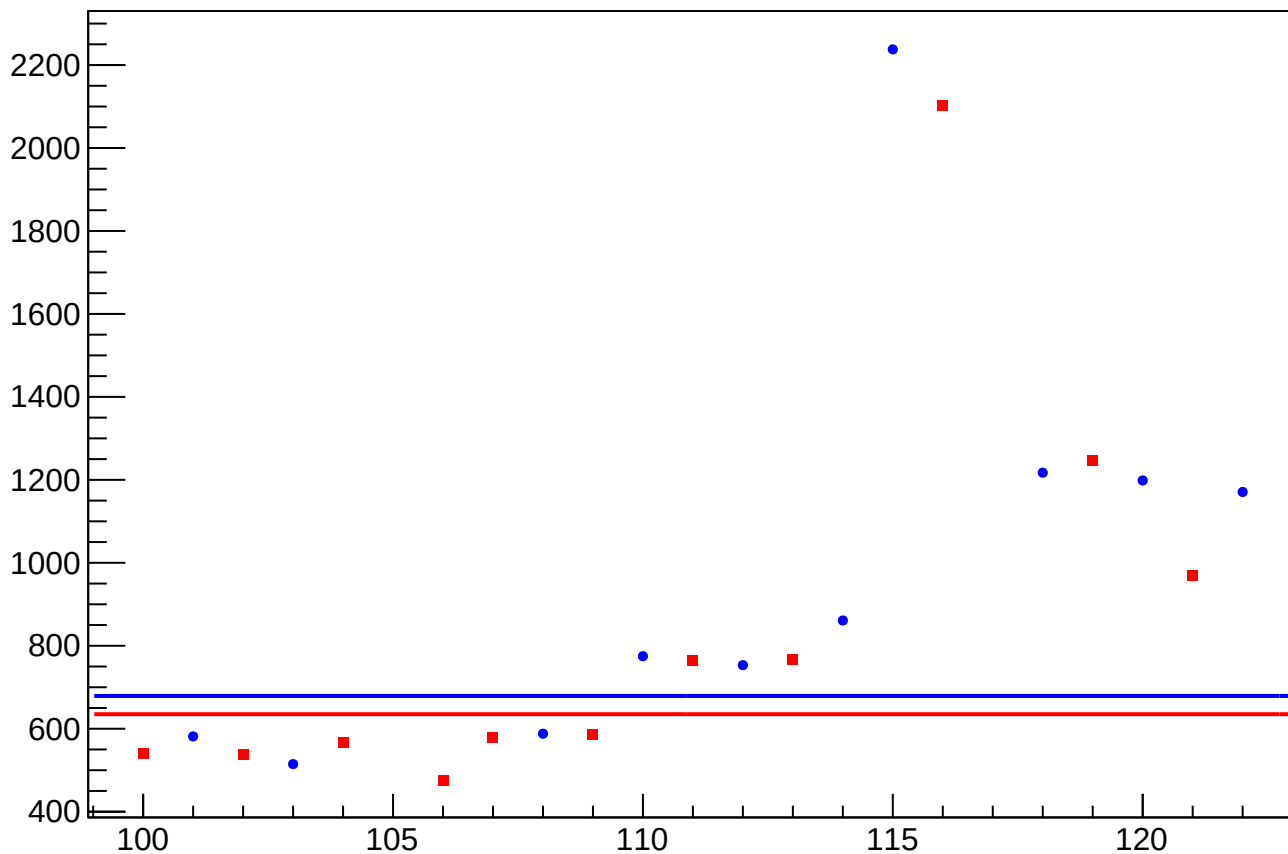
Right: 468.370+/-235.873 χ^2/NDF : 19.8/20

In: 399.269+/-354.731 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.370+/-235.873 χ^2/NDF : 19.8/20

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: 635.029+/-0.223 χ^2/NDF : 824476.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

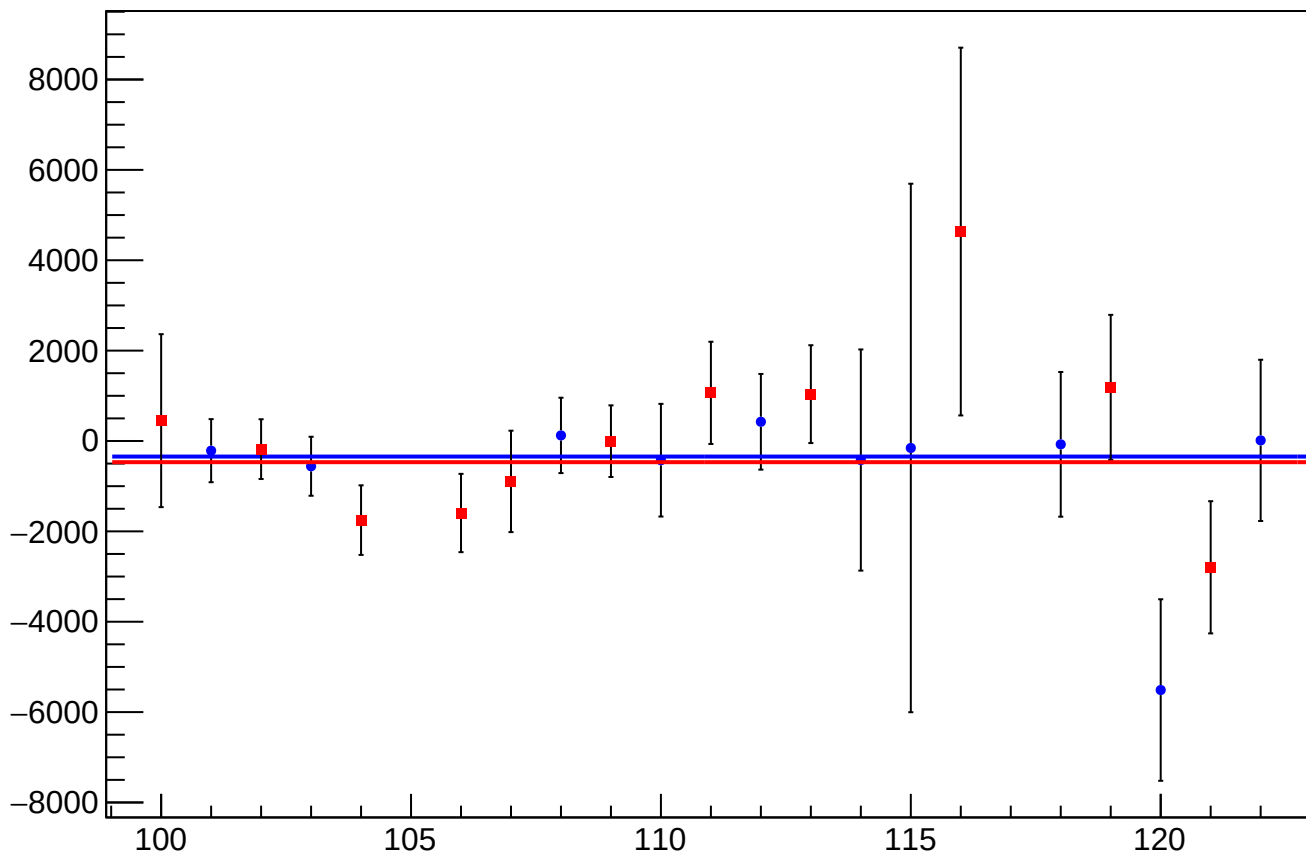
Right: 654.474+/-0.167 χ^2/NDF : 1676520.0/20

In: 679.008+/-0.251 χ^2/NDF : 834894.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.474+/-0.167 χ^2/NDF : 1676520.0/20

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: -468.956+/-308.360 χ^2/NDF : 14.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

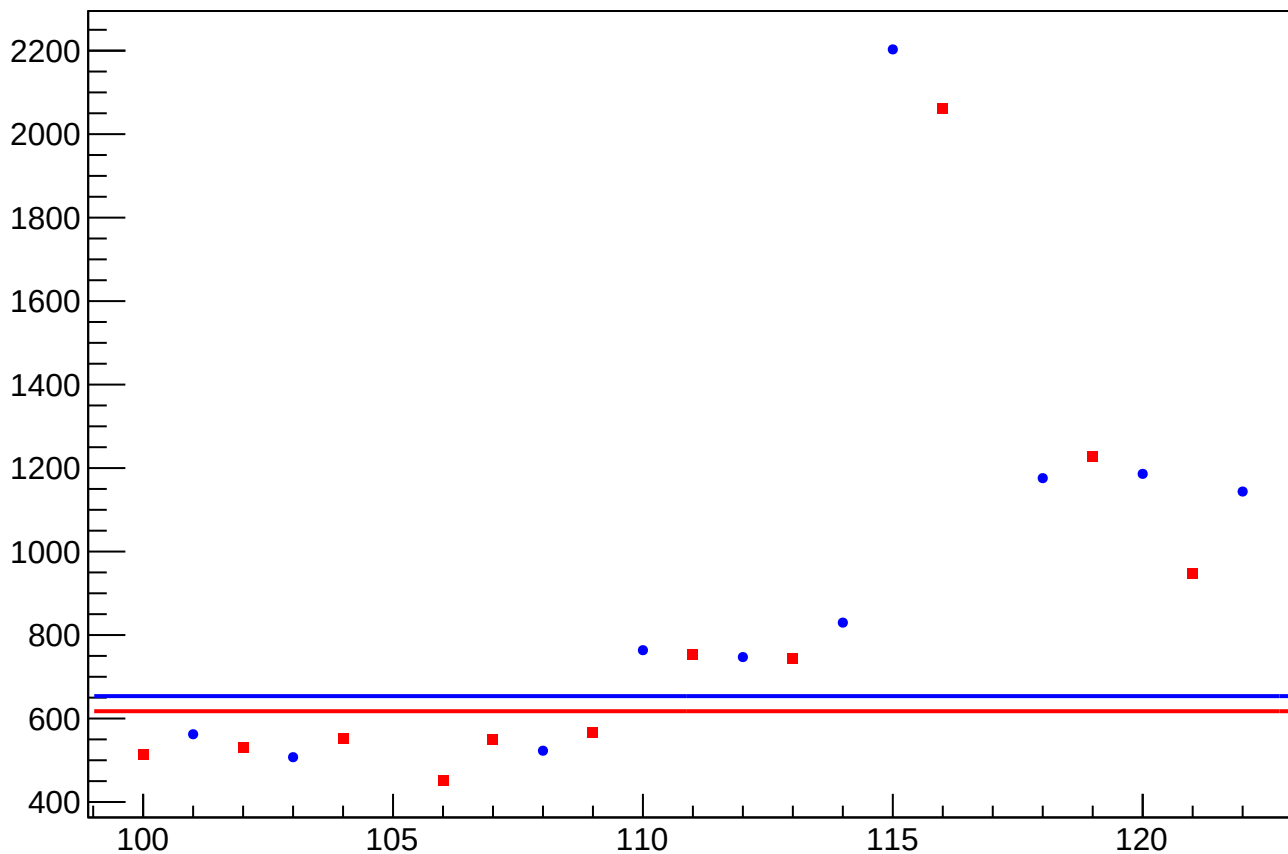
Right: -413.230+/-229.207 χ^2/NDF : 22.1/20

In: -344.426+/-342.638 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -413.230+/-229.207 χ^2/NDF : 22.1/20

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: 617.498+/-0.218 χ^2/NDF : 842606.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

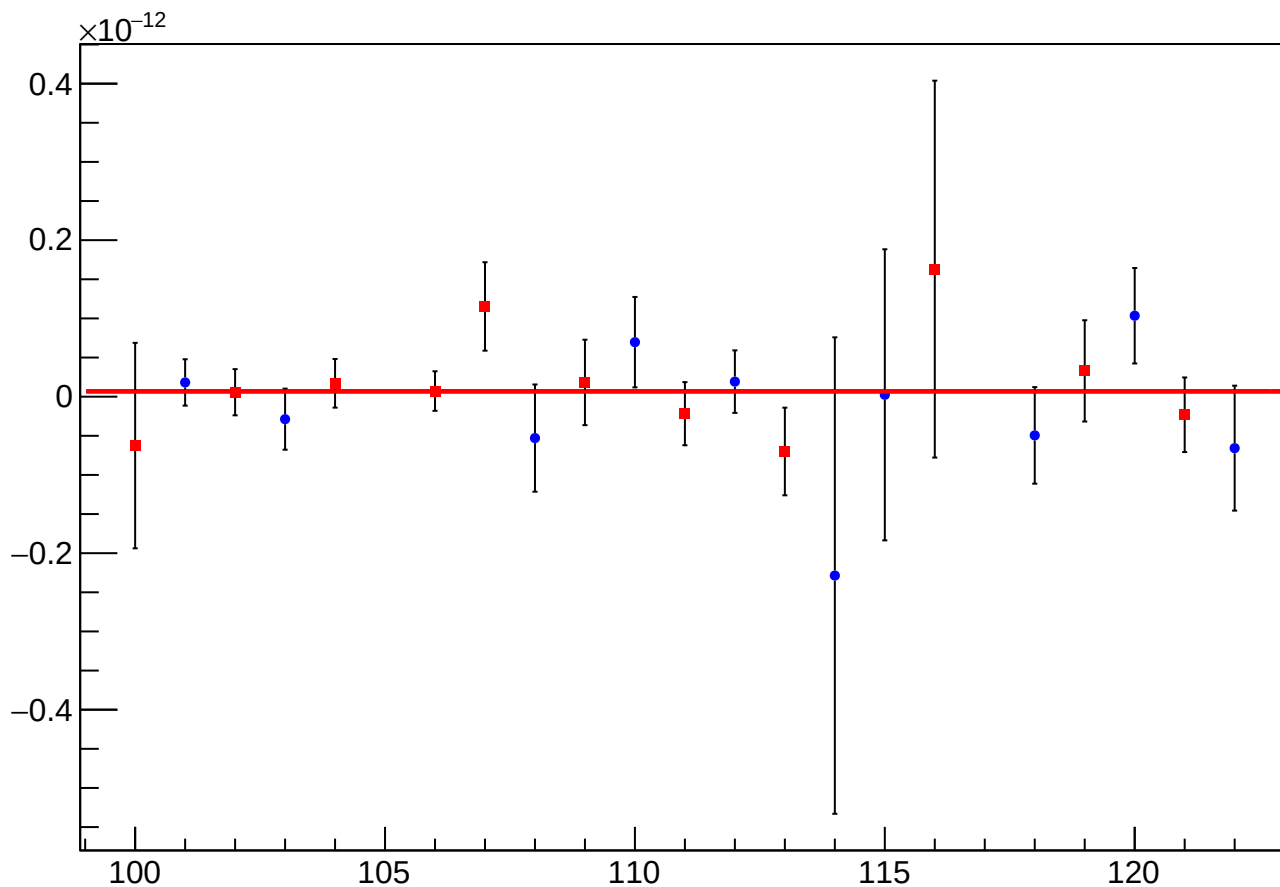
Right: 633.675+/-0.162 χ^2/NDF : 1724789.7/20

In: 653.647+/-0.242 χ^2/NDF :869884.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 633.675+/-0.162 χ^2/NDF : 1724789.7/20

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 : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

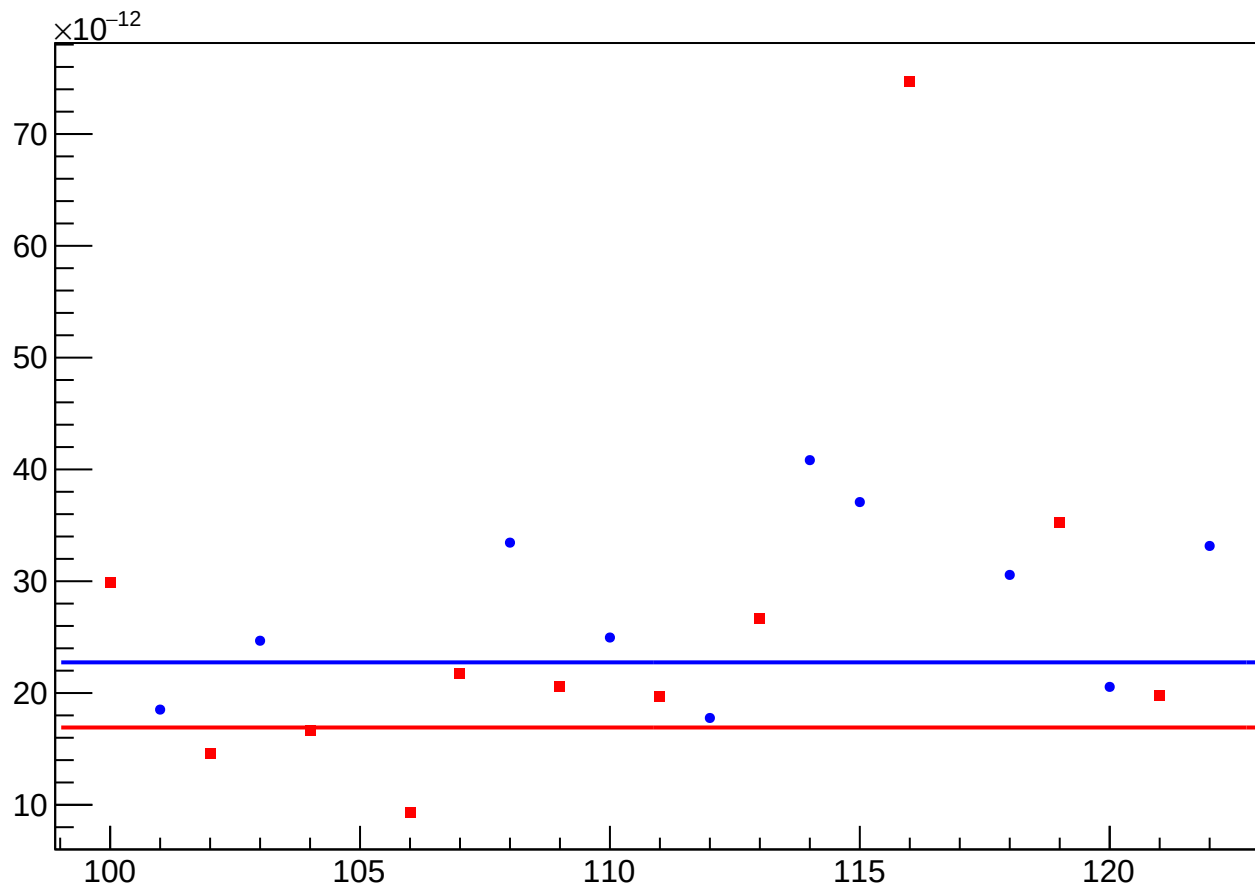
Right: 0.000+/-0.000 χ^2/NDF : 15.3/20

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 : 15.3/20

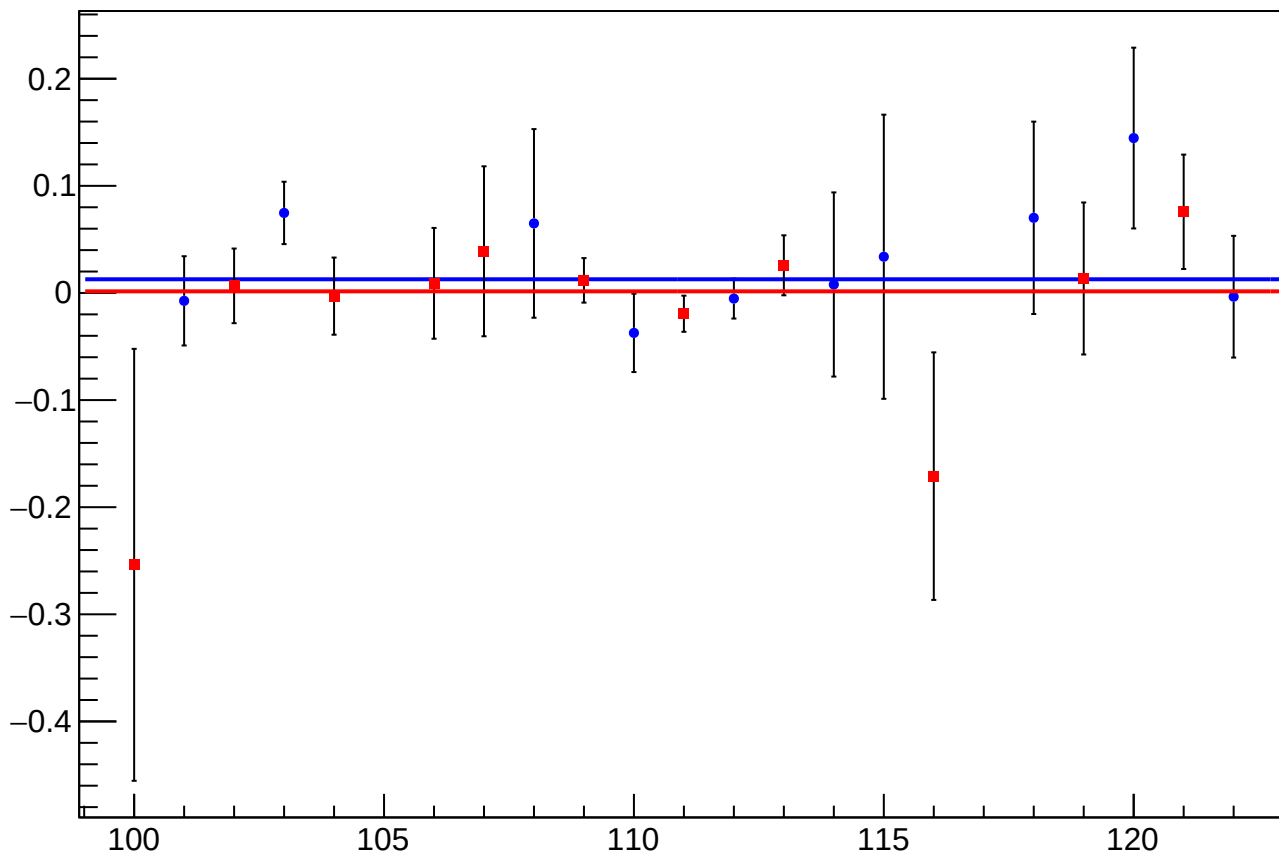
asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 590330.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 961639.1/20
 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 : 961639.1/20

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: 0.002+/-0.010 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

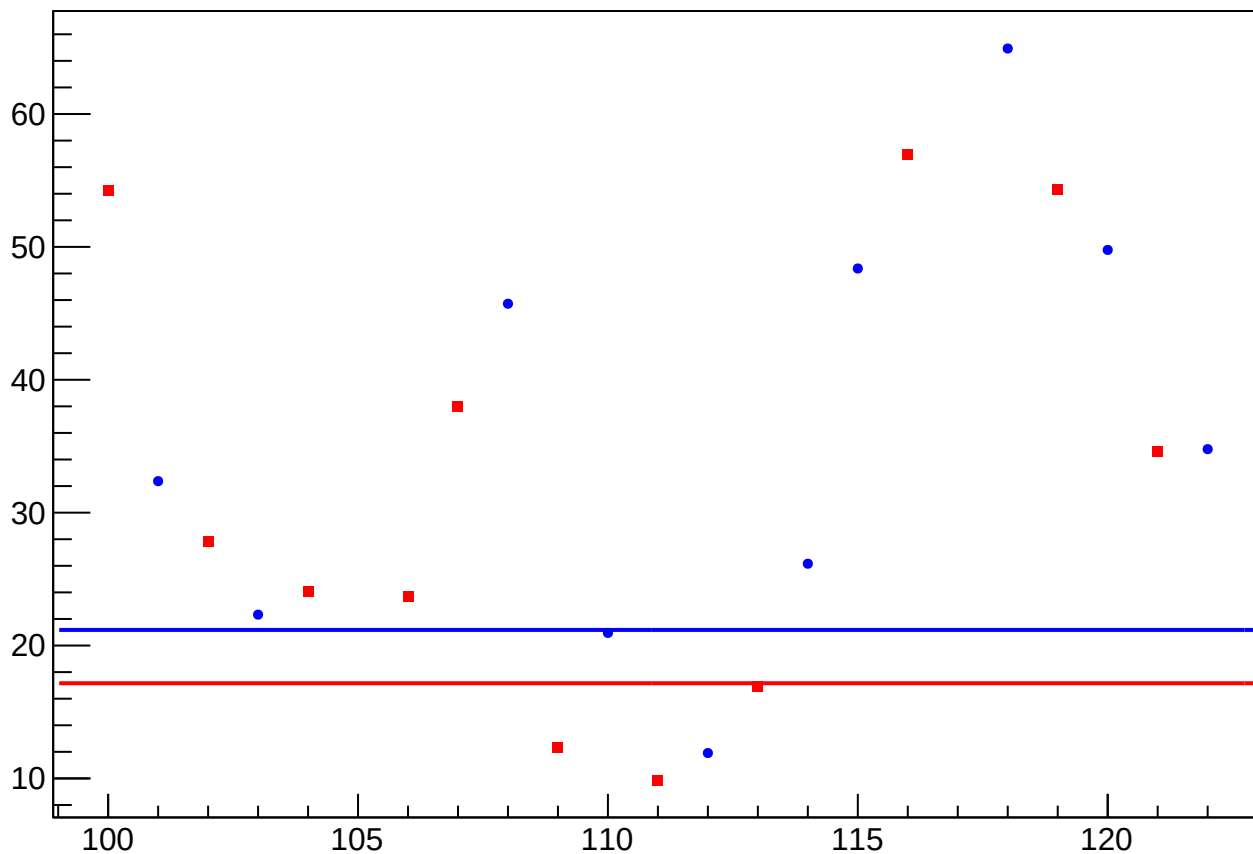
Right: 0.006+/-0.008 χ^2/NDF : 20.0/20

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 : 20.0/20

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: 17.164+/-0.007 χ^2/NDF : 1982158.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

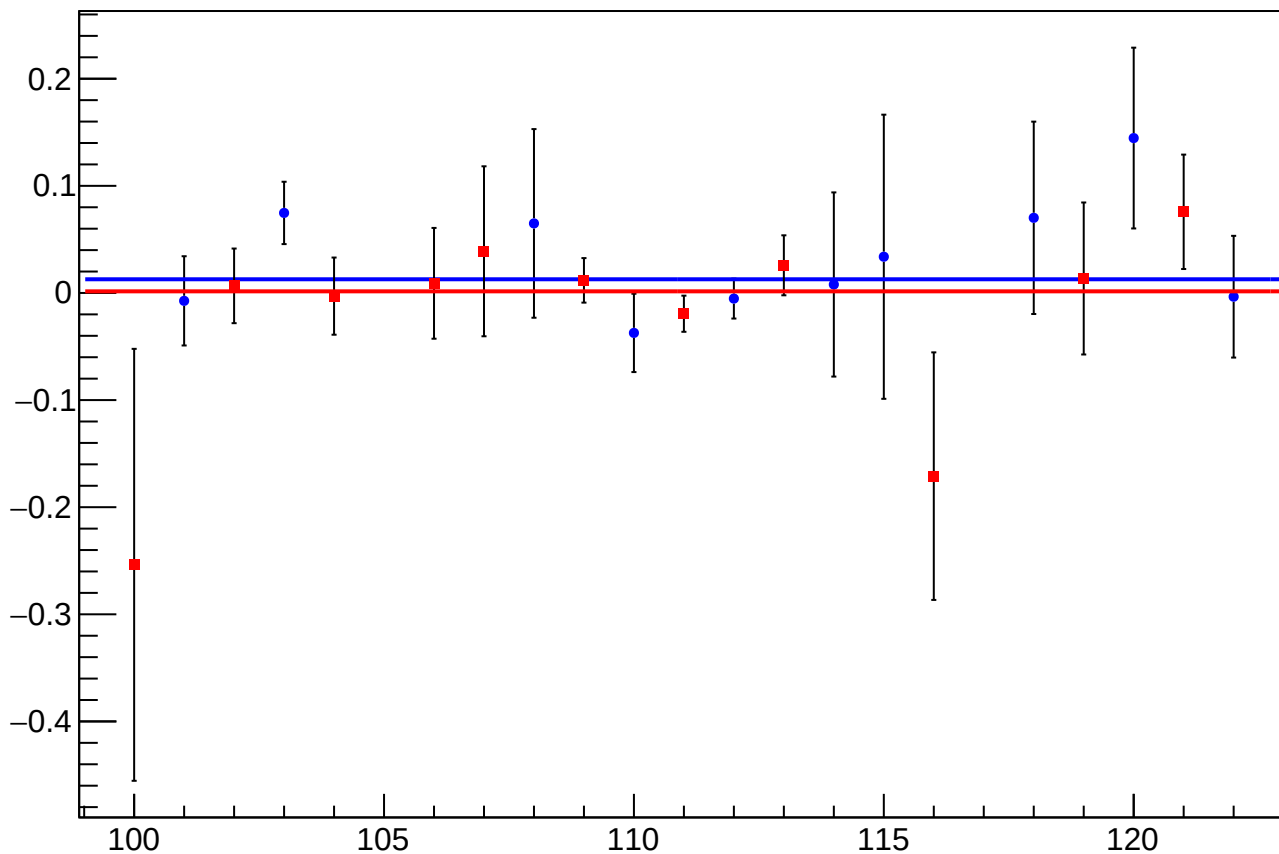
Right: 18.723+/-0.006 χ^2/NDF : 3813258.2/20

In: 21.175+/-0.009 χ^2/NDF : 1707521.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.723+/-0.006 χ^2/NDF : 3813258.2/20

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: 0.002+/-0.010 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

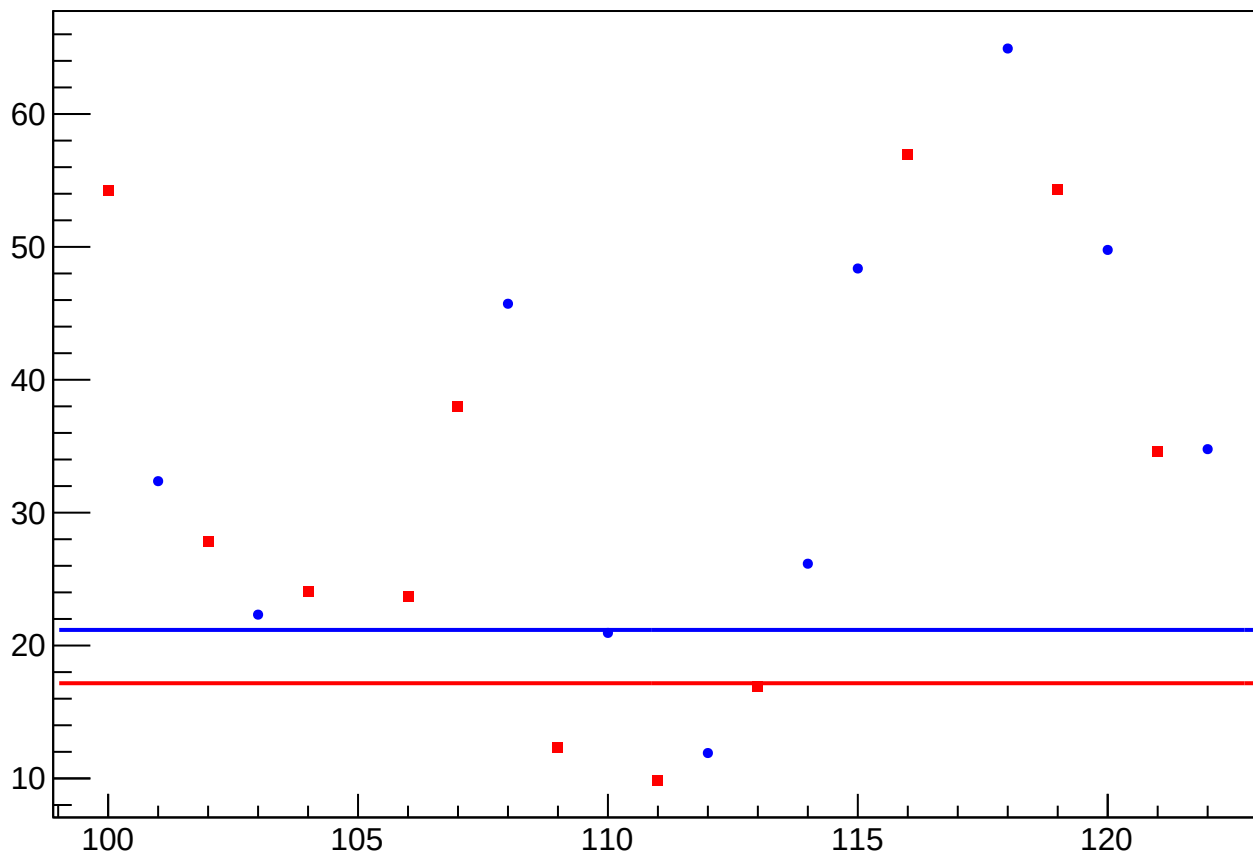
Right: 0.006+/-0.008 χ^2/NDF : 20.0/20

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 : 20.0/20

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: 17.164+/-0.007 χ^2/NDF : 1982158.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

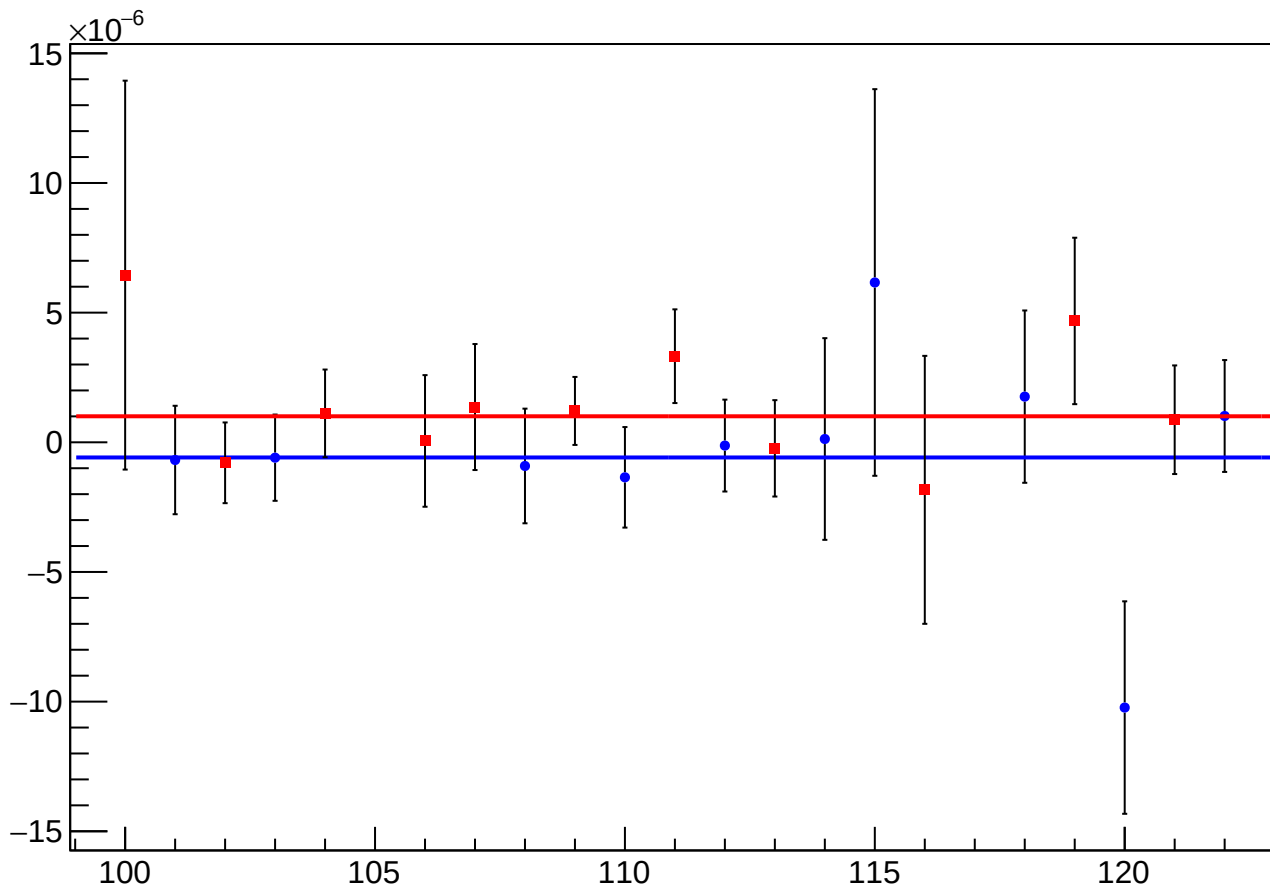
Right: 18.723+/-0.006 χ^2/NDF : 3813258.2/20

In: 21.175+/-0.009 χ^2/NDF : 1707521.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.723+/-0.006 χ^2/NDF : 3813258.2/20

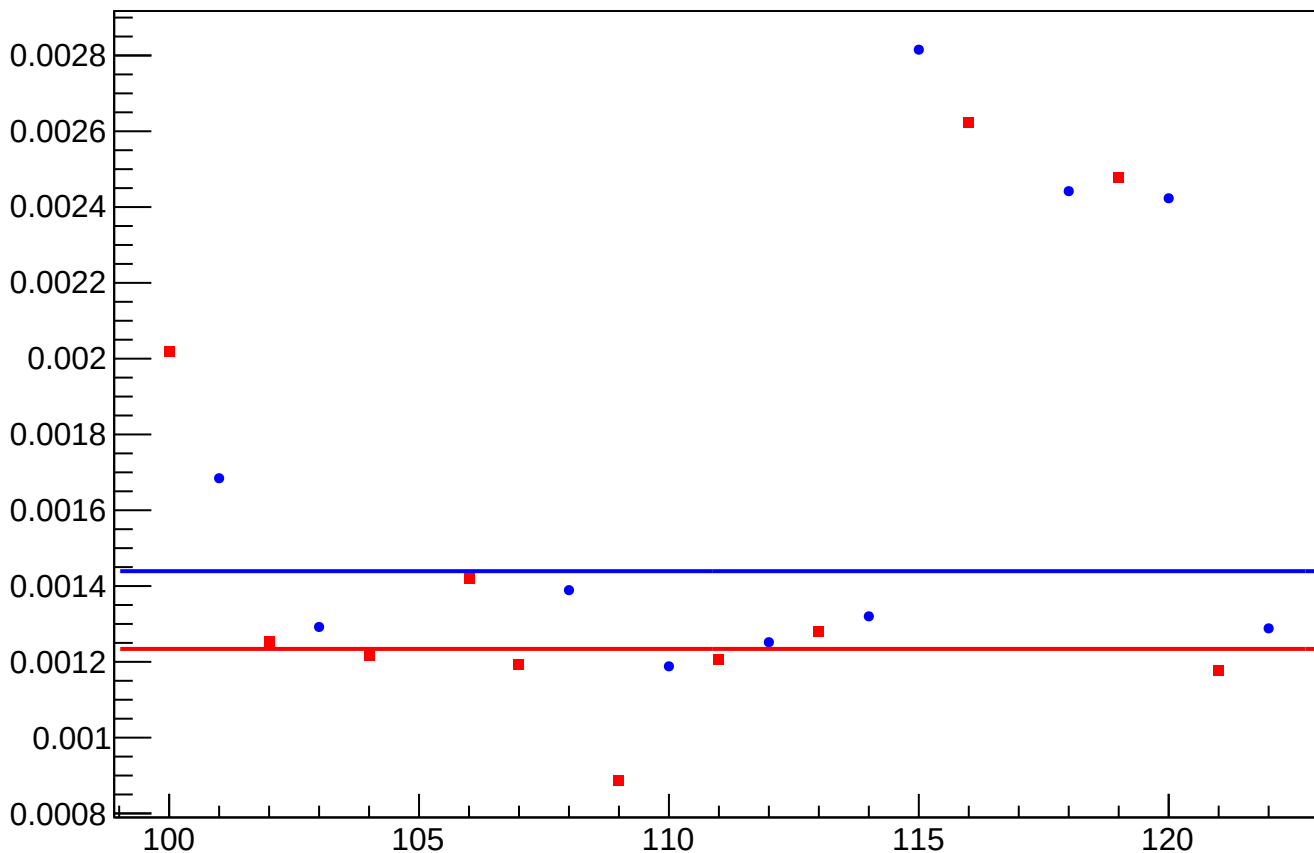
asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 5.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 16.2/20
 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 : 16.2/20

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 : 621851.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

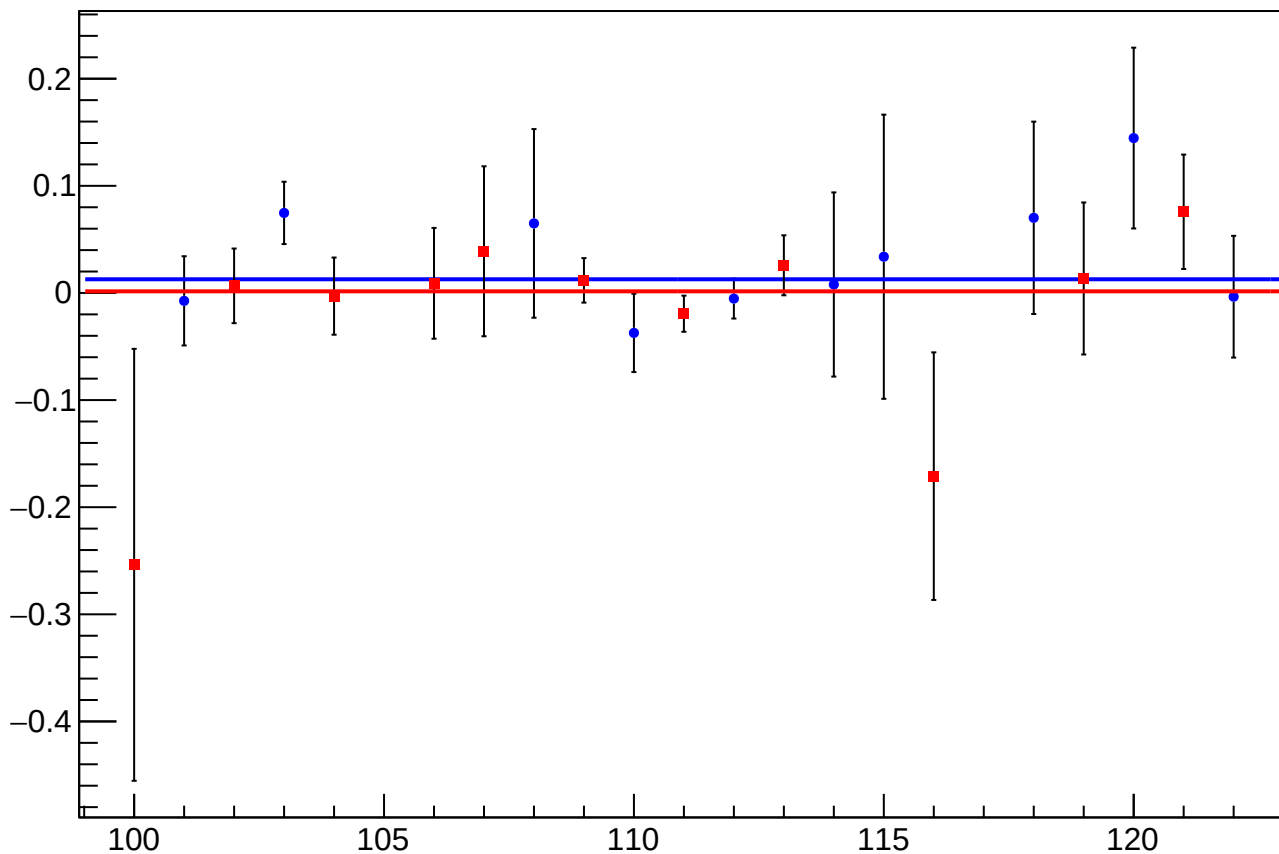
Right: 0.001+/-0.000 χ^2/NDF : 1190281.6/20

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 : 1190281.6/20

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: 0.002+/-0.010 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

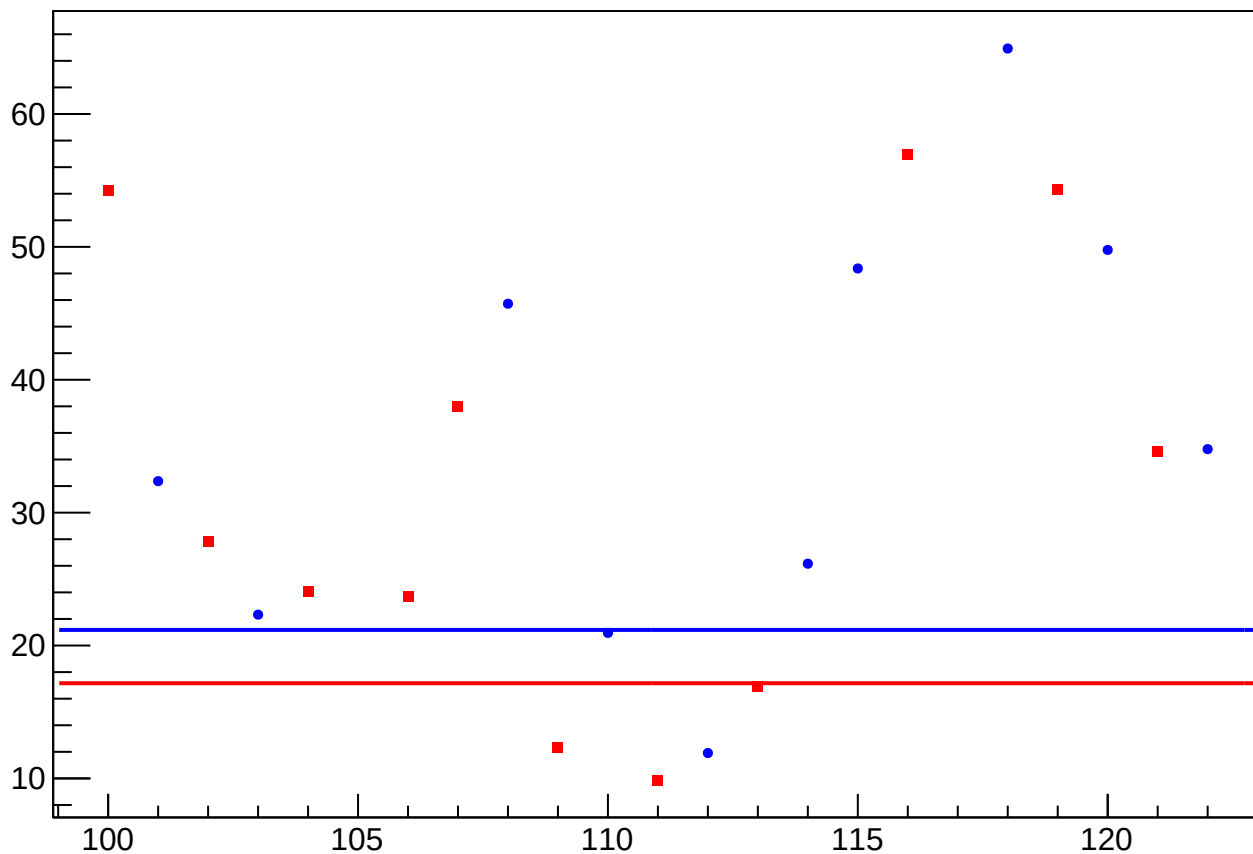
Right: 0.006+/-0.008 χ^2/NDF : 20.0/20

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 : 20.0/20

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: 17.163+/-0.007 χ^2/NDF : 1982197.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

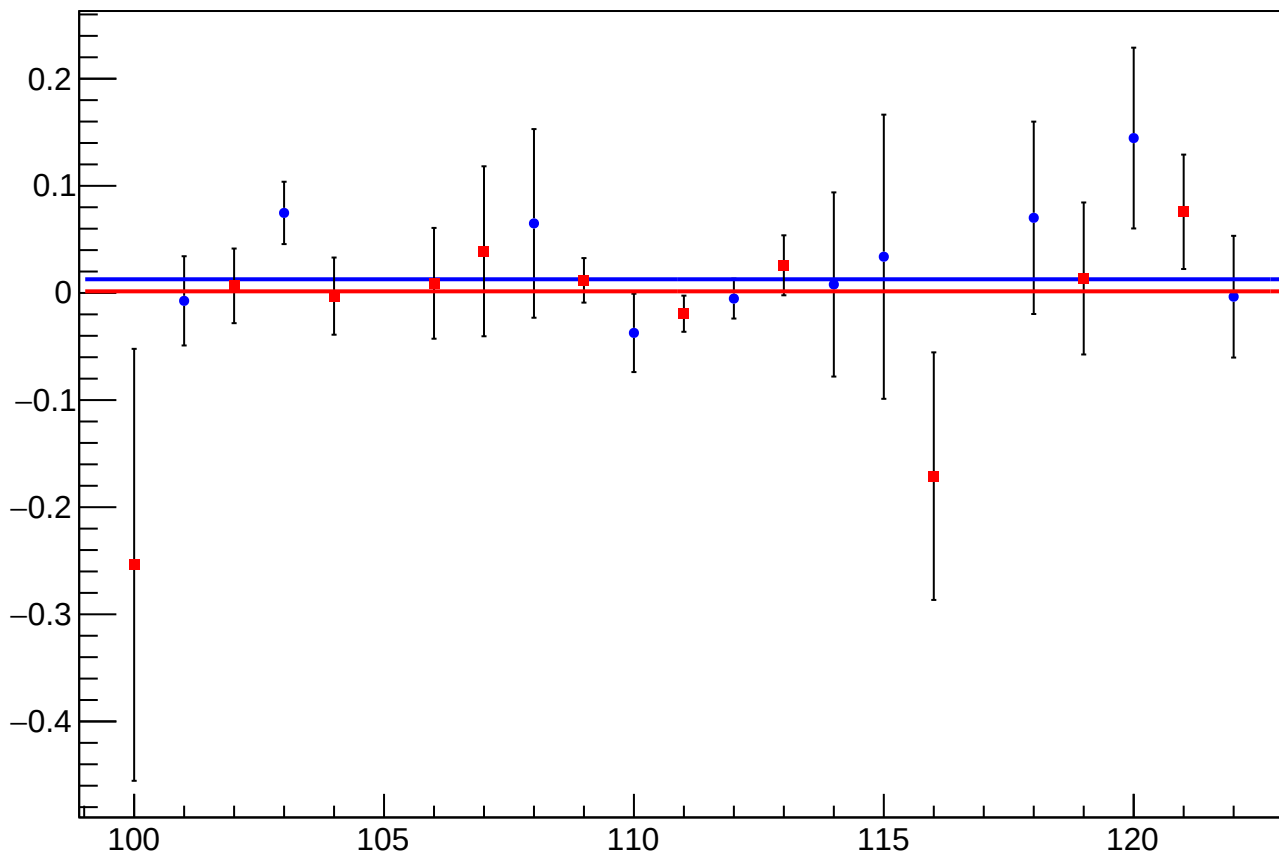
Right: 18.722+/-0.006 χ^2/NDF : 3813302.1/20

In: 21.175+/-0.009 χ^2/NDF : 1707514.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.722+/-0.006 χ^2/NDF : 3813302.1/20

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: 0.002+/-0.010 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

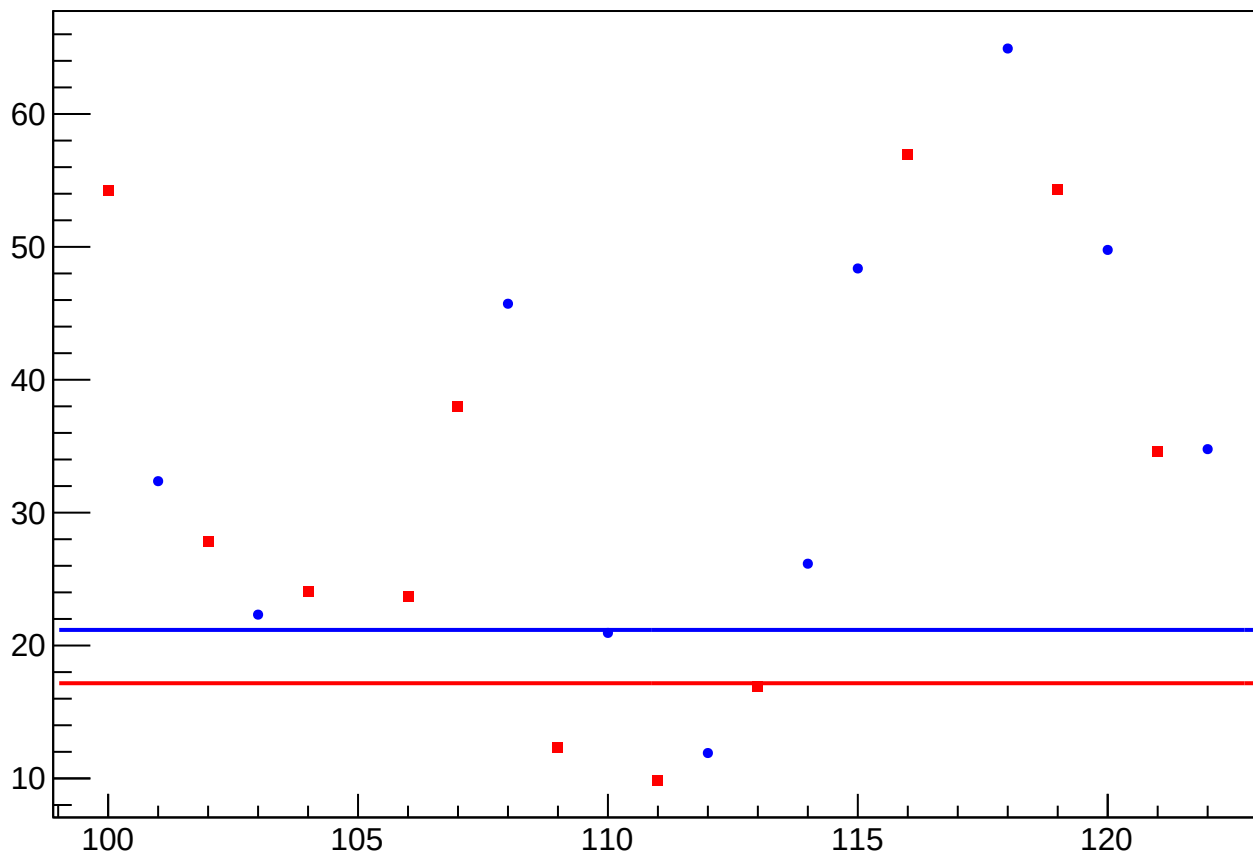
Right: 0.006+/-0.008 χ^2/NDF : 20.0/20

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 : 20.0/20

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: 17.163+/-0.007 χ^2/NDF : 1982197.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

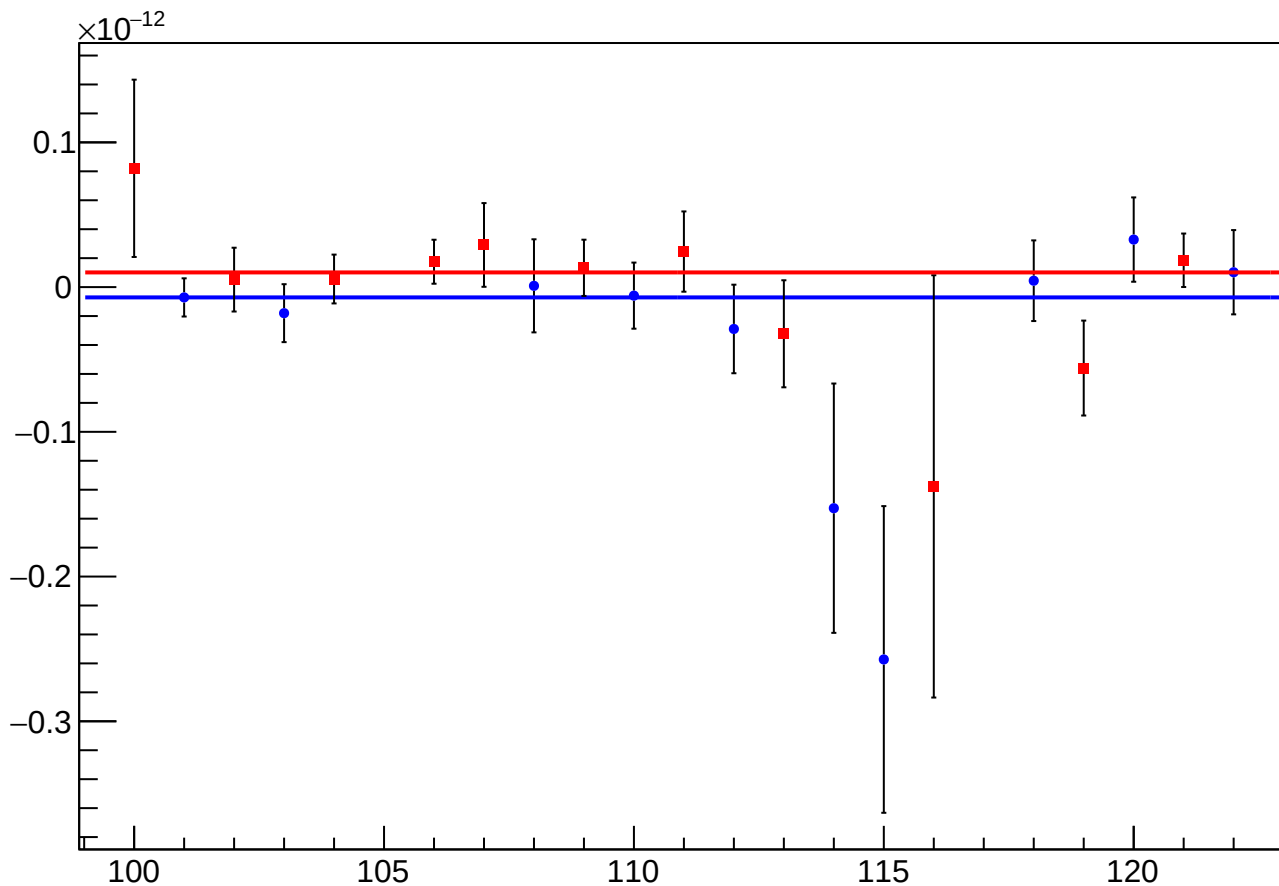
Right: 18.722+/-0.006 χ^2/NDF : 3813302.1/20

In: 21.175+/-0.009 χ^2/NDF : 1707514.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.722+/-0.006 χ^2/NDF : 3813302.1/20

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 : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

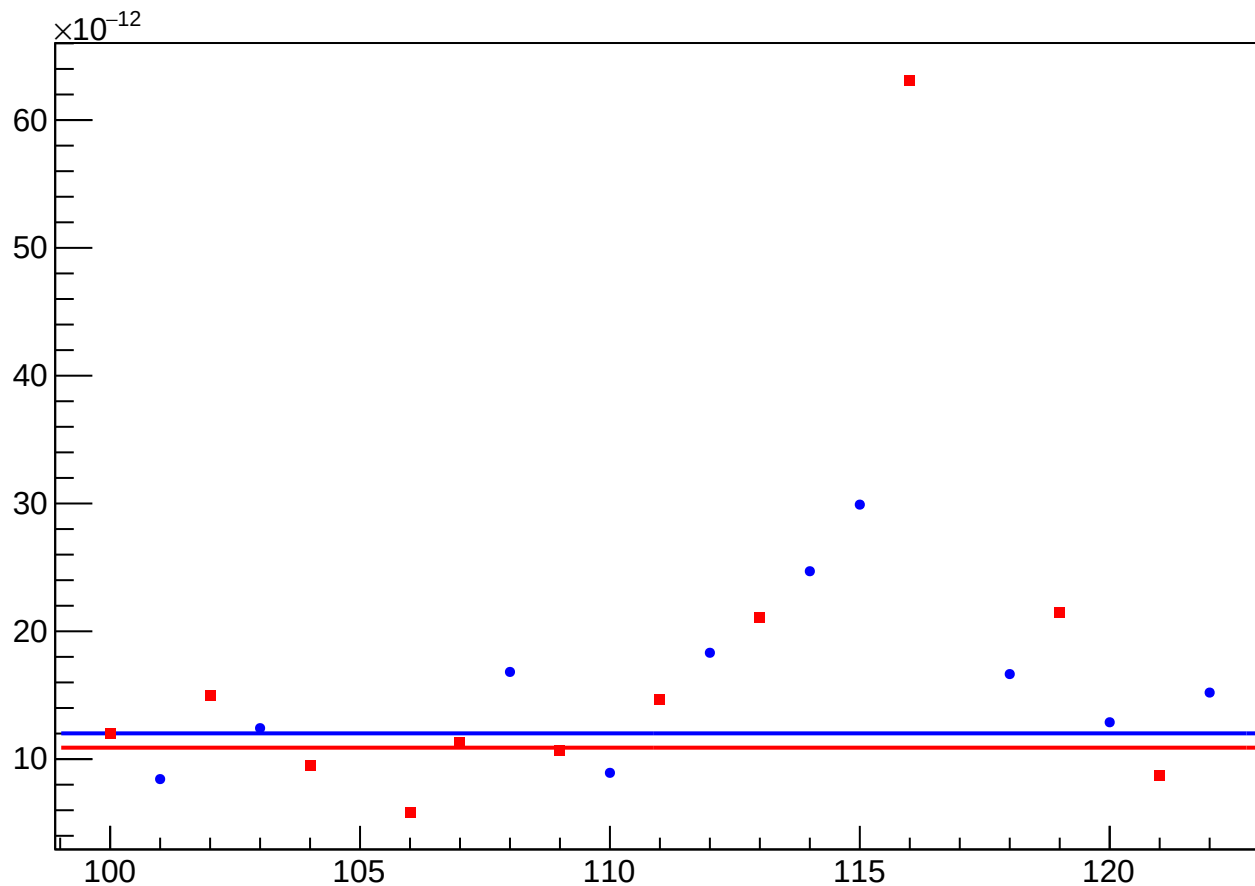
Right: 0.000+/-0.000 χ^2/NDF : 23.4/20

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 : 23.4/20

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 : 987099.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

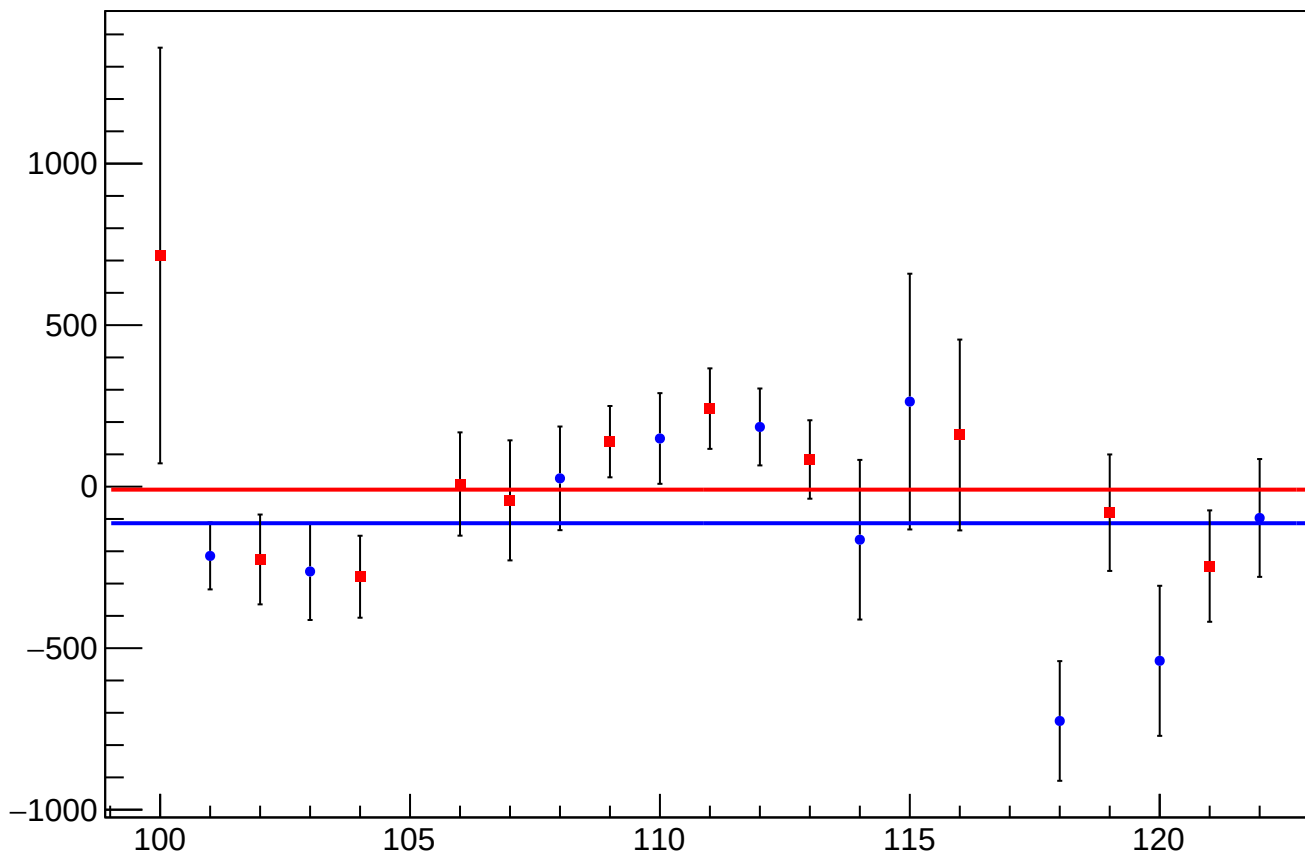
Right: 0.000+/-0.000 χ^2/NDF : 1505131.5/20

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 : 1505131.5/20

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: -9.225+/-45.908 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

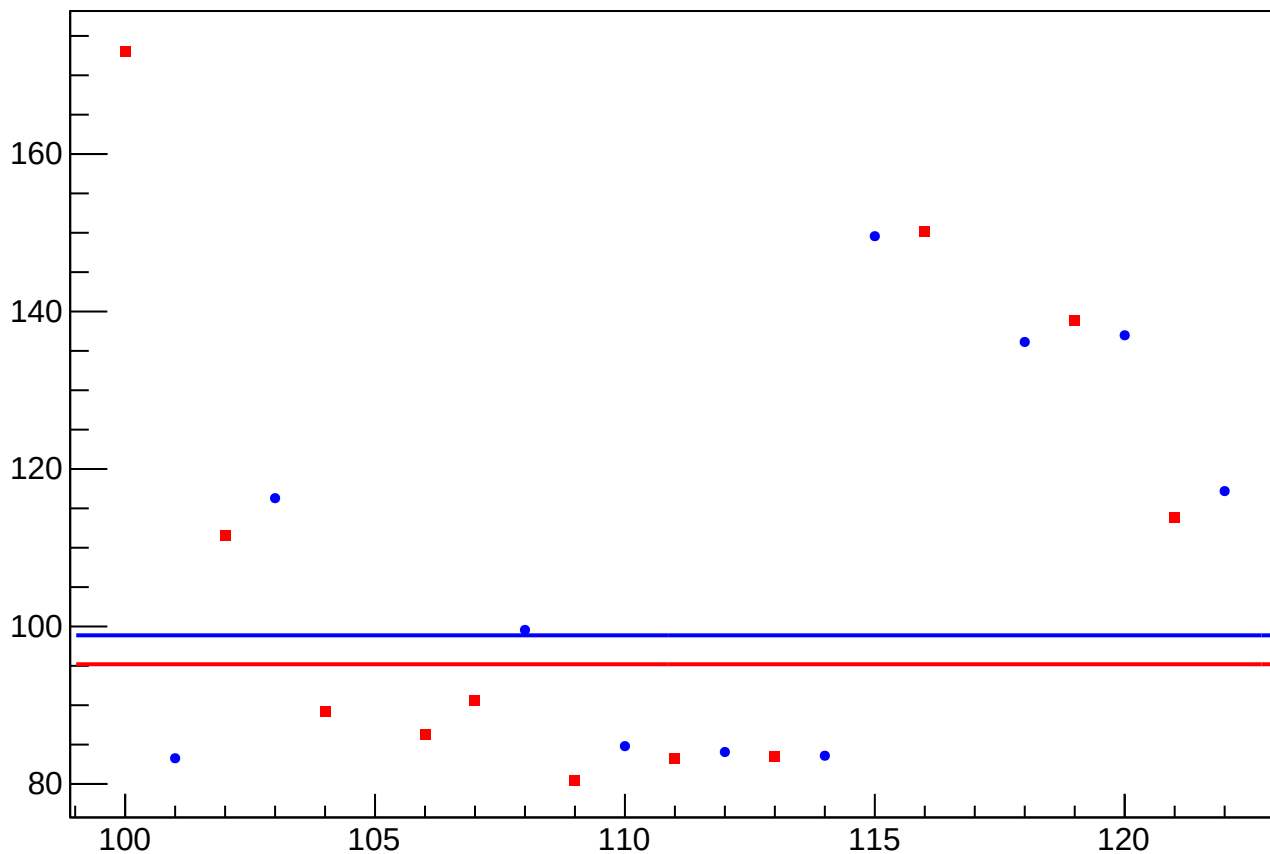
Right: -56.659+/-33.850 χ^2/NDF : 47.1/20

In: -113.176+/-50.111 χ^2/NDF : 27.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.659+/-33.850 χ^2/NDF : 47.1/20

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: 95.201+/-0.032 χ^2/NDF : 351271.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

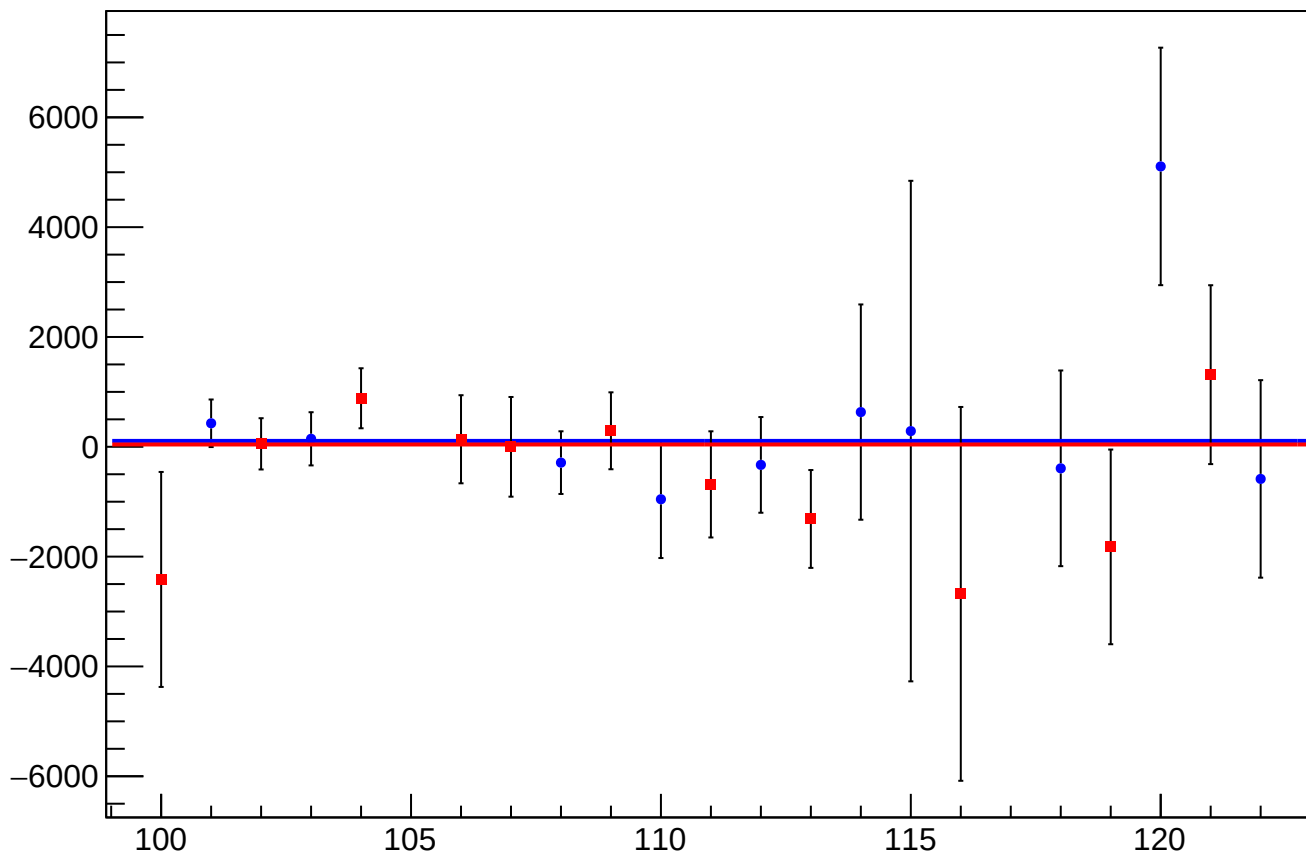
Right: 96.878+/-0.024 χ^2/NDF : 675969.5/20

In: 98.876+/-0.035 χ^2/NDF : 318848.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.878+/-0.024 χ^2/NDF : 675969.5/20

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 107.332+/-250.007 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 42.161+/-249.118 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

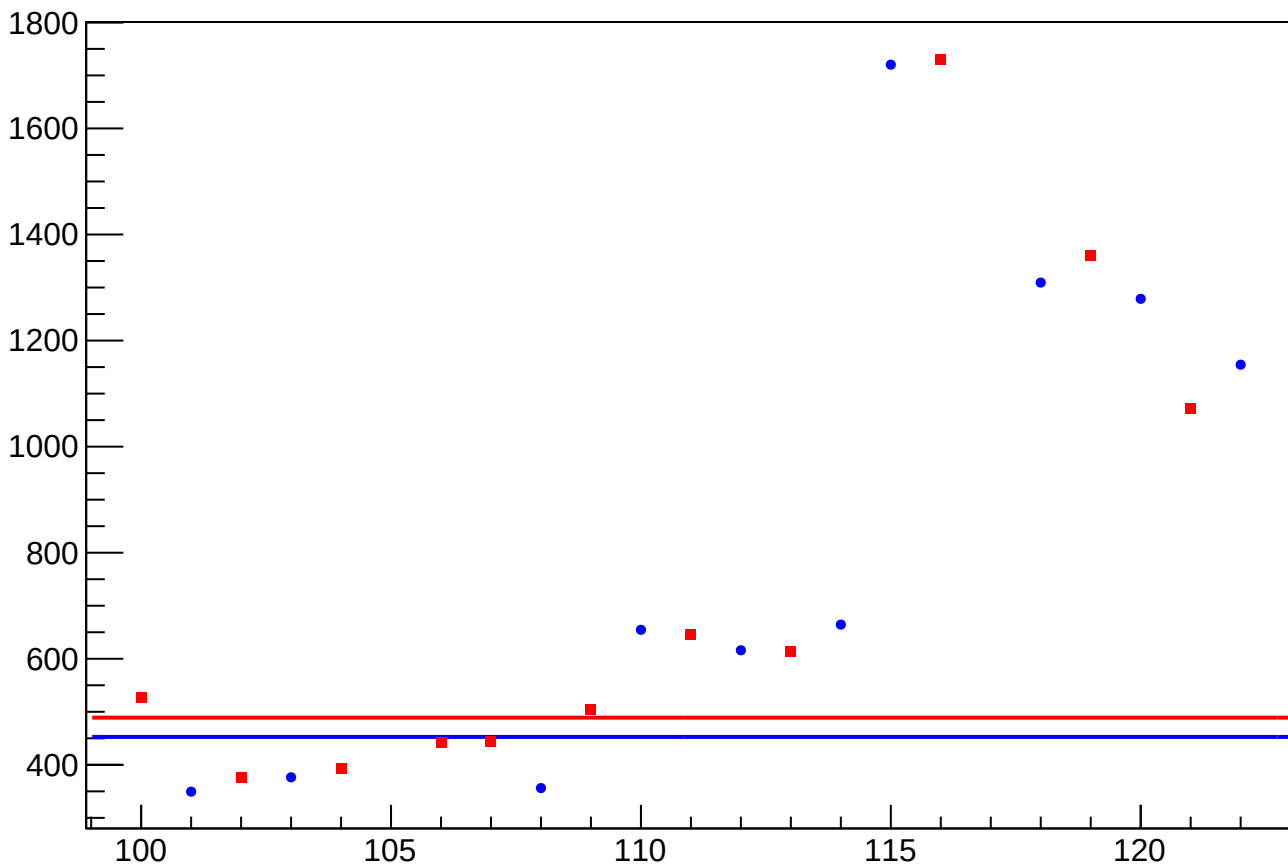
Right: 74.630+/-176.467 χ^2/NDF : 17.3/20

In: 107.332+/-250.007 χ^2/NDF :7.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 74.630+/-176.467 χ^2/NDF : 17.3/20

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: 488.999+/-0.176 χ^2/NDF : 1289944.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

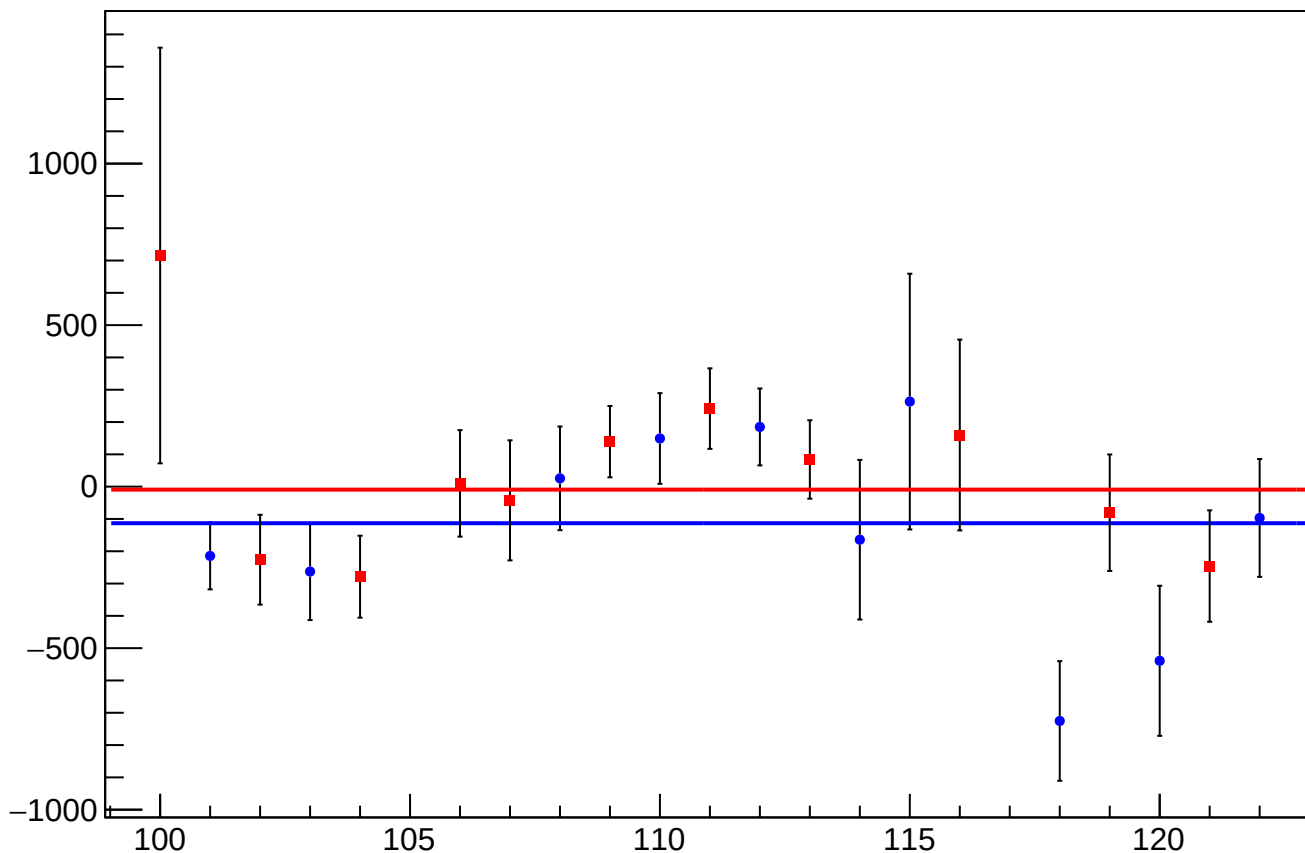
Right: 470.888+/-0.125 χ^2/NDF : 2909445.5/20

In: 452.647+/-0.177 χ^2/NDF :1598284.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 470.888+/-0.125 χ^2/NDF : 2909445.5/20

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: -9.219 $\pm$ 46.024 χ^2 /NDF: 17.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

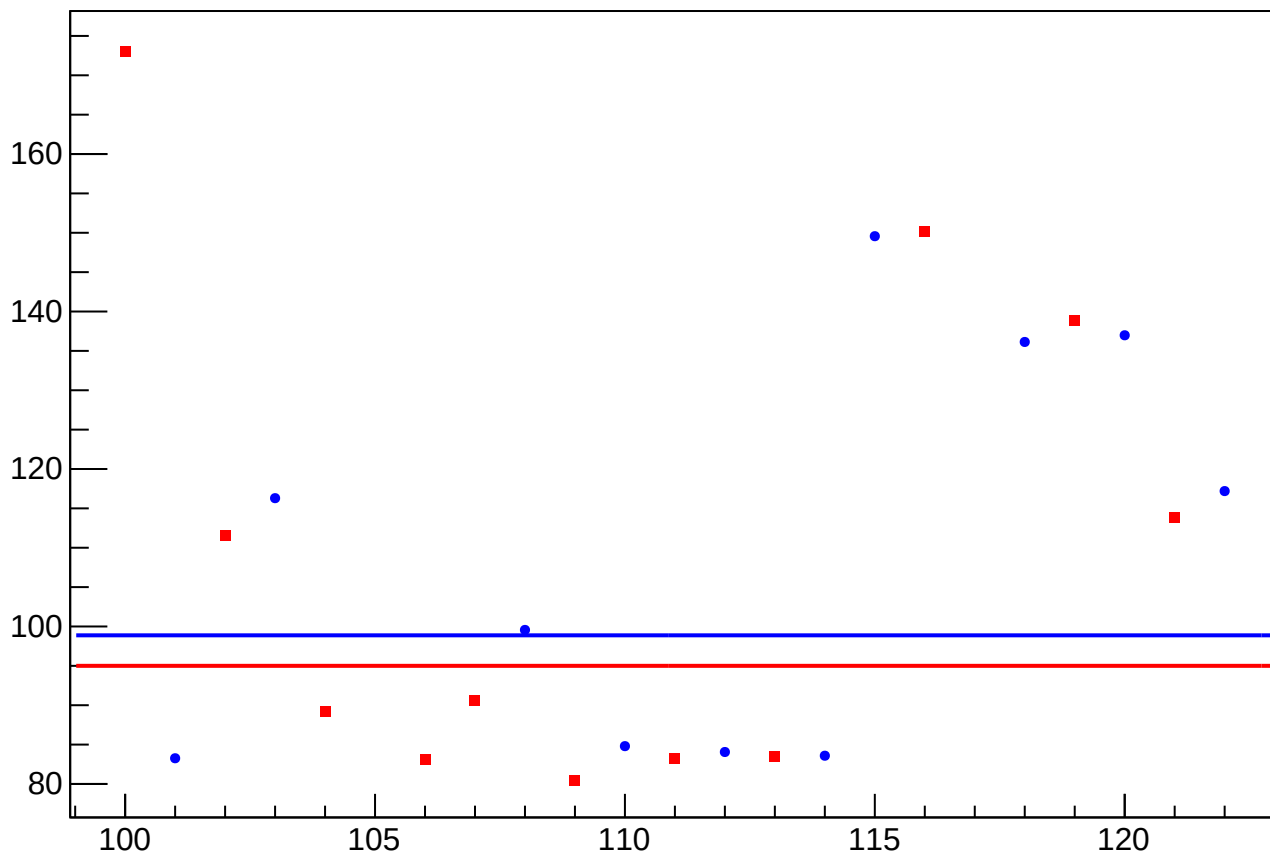
Right: -56.803 $\pm$ 33.897 χ^2 /NDF: 47.1/20

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: -56.803 $\pm$ 33.897 χ^2 /NDF: 47.1/20

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: 95.002+/-0.033 χ^2/NDF : 355855.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

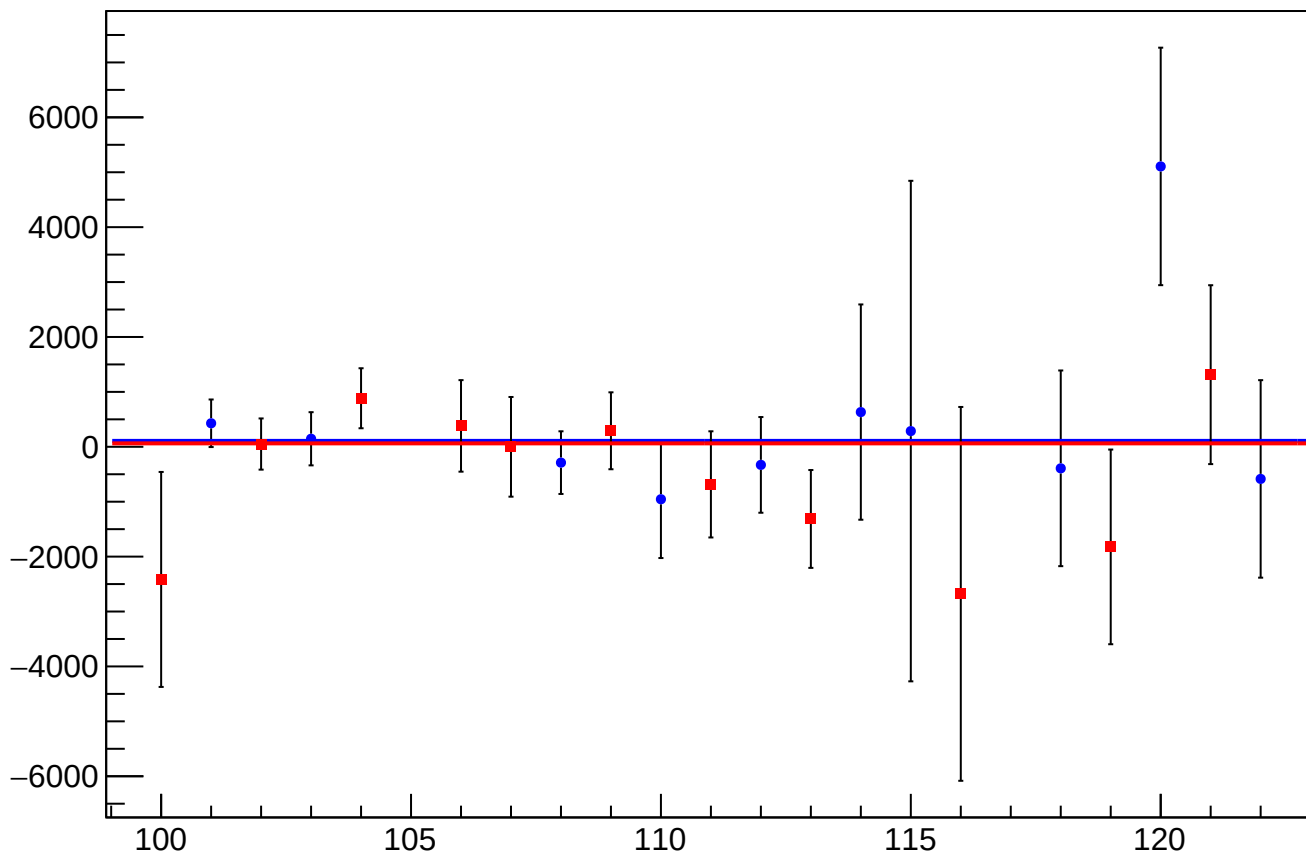
Right: 96.775+/-0.024 χ^2/NDF : 681190.4/20

In: 98.876+/-0.035 χ^2/NDF :318850.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 96.775+/-0.024 χ^2/NDF : 681190.4/20

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: 62.384+/-249.893 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

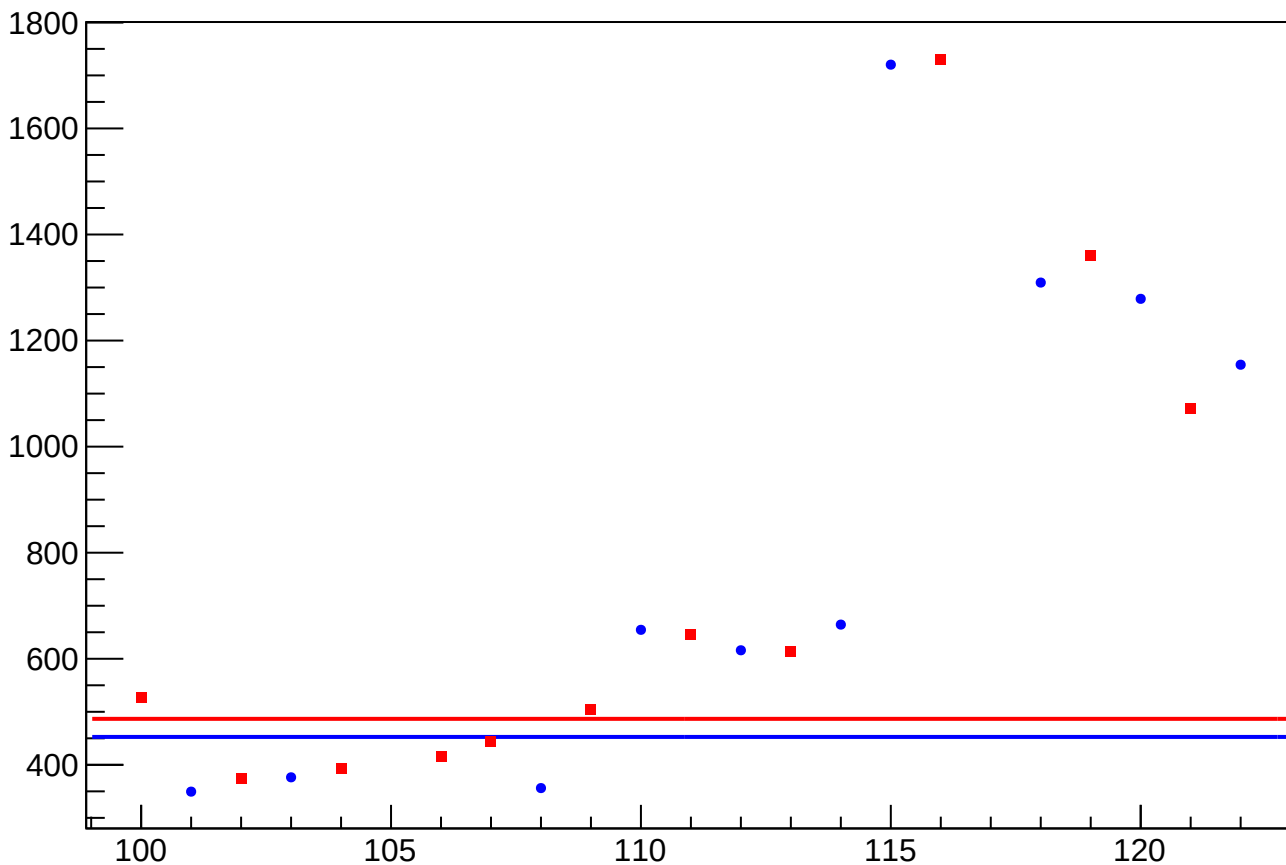
Right: 84.937+/-176.738 χ^2/NDF : 17.4/20

In: 107.508+/-249.998 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.937+/-176.738 χ^2/NDF : 17.4/20

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: 486.723+/-0.177 χ^2/NDF : 1299921.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

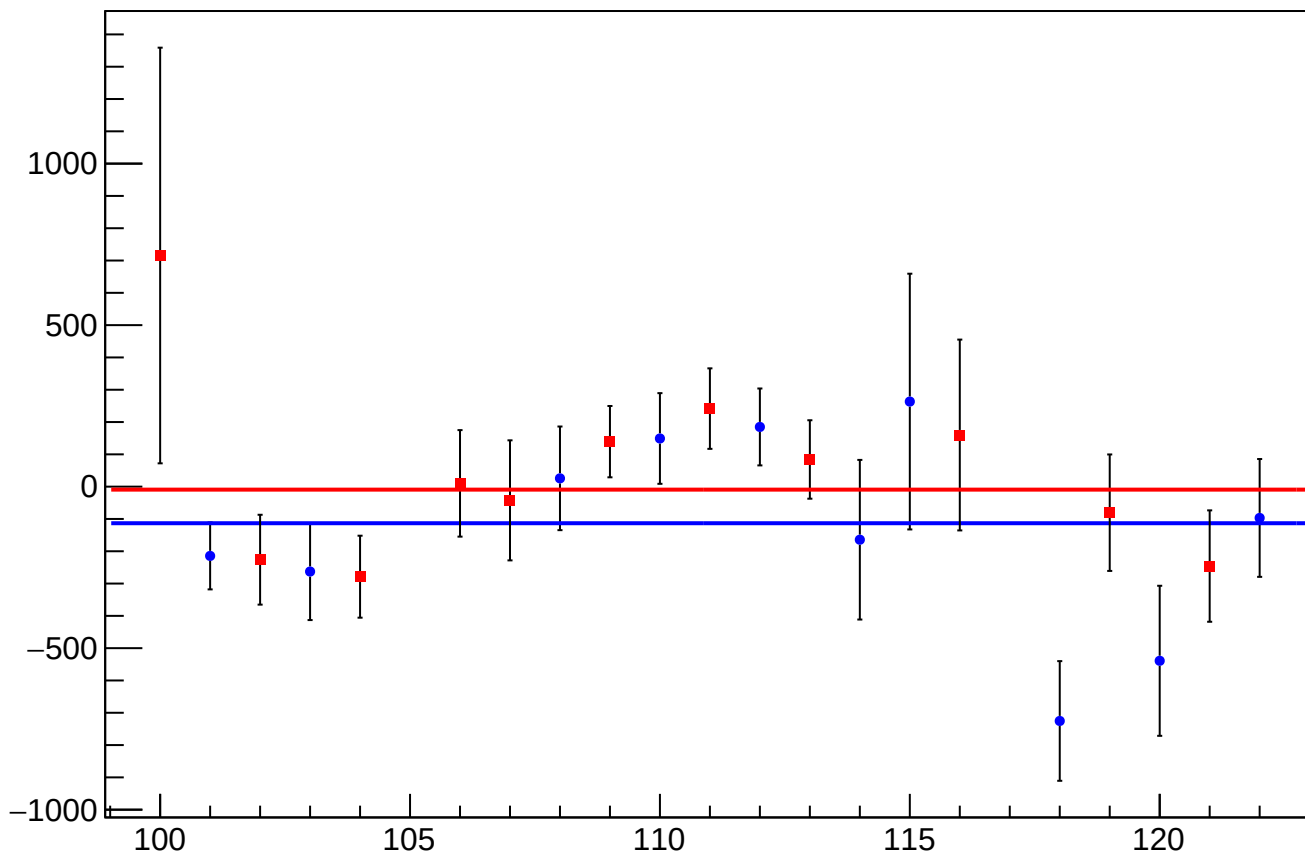
Right: 469.683+/-0.125 χ^2/NDF : 2916894.1/20

In: 452.628+/-0.177 χ^2/NDF : 1598364.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.683+/-0.125 χ^2/NDF : 2916894.1/20

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: -9.219+/-46.024 χ^2/NDF : 17.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

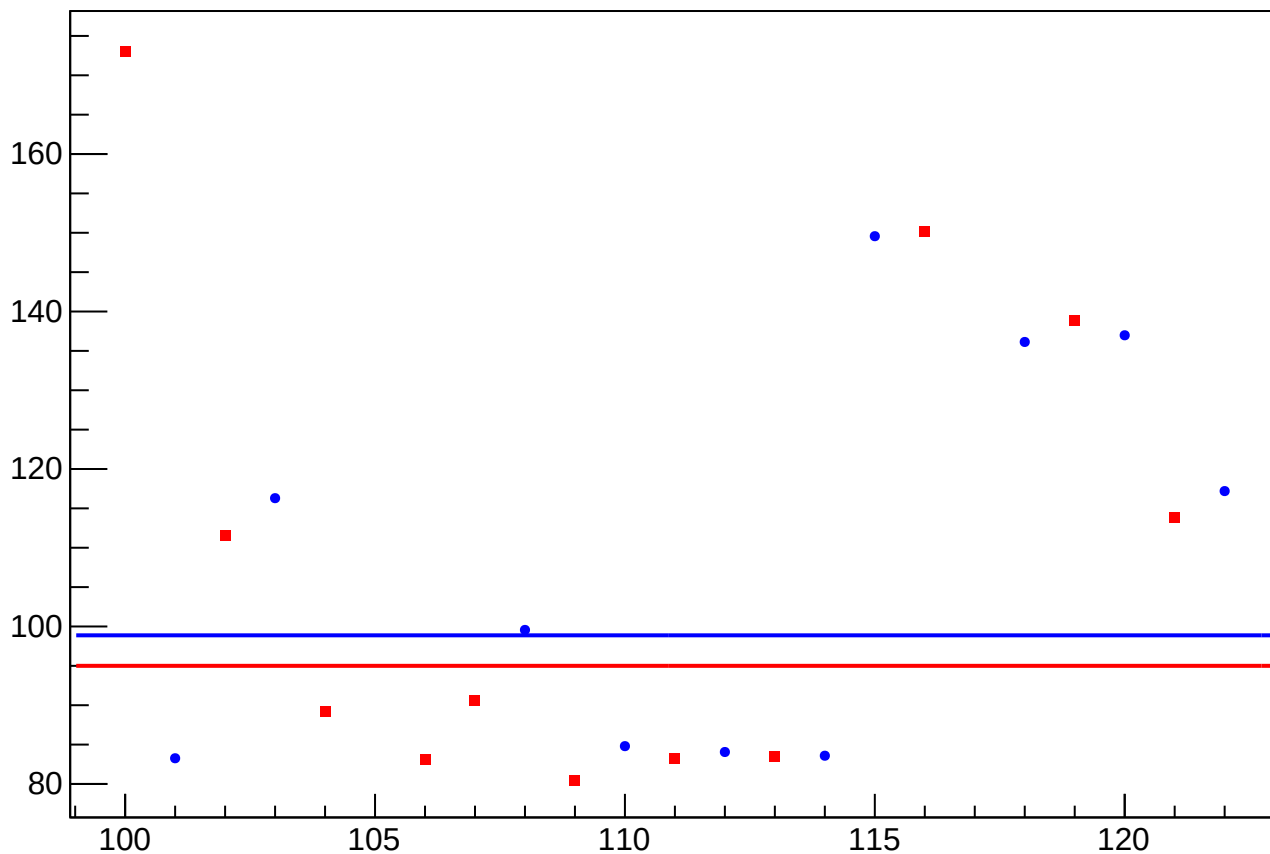
Right: -56.803+/-33.897 χ^2/NDF : 47.1/20

In: -113.214+/-50.111 χ^2/NDF : 27.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.803+/-33.897 χ^2/NDF : 47.1/20

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 98.876 $\pm$ 0.035 χ^2 /NDF: 318850.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.002 $\pm$ 0.033 χ^2 /NDF: 355855.1/10

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

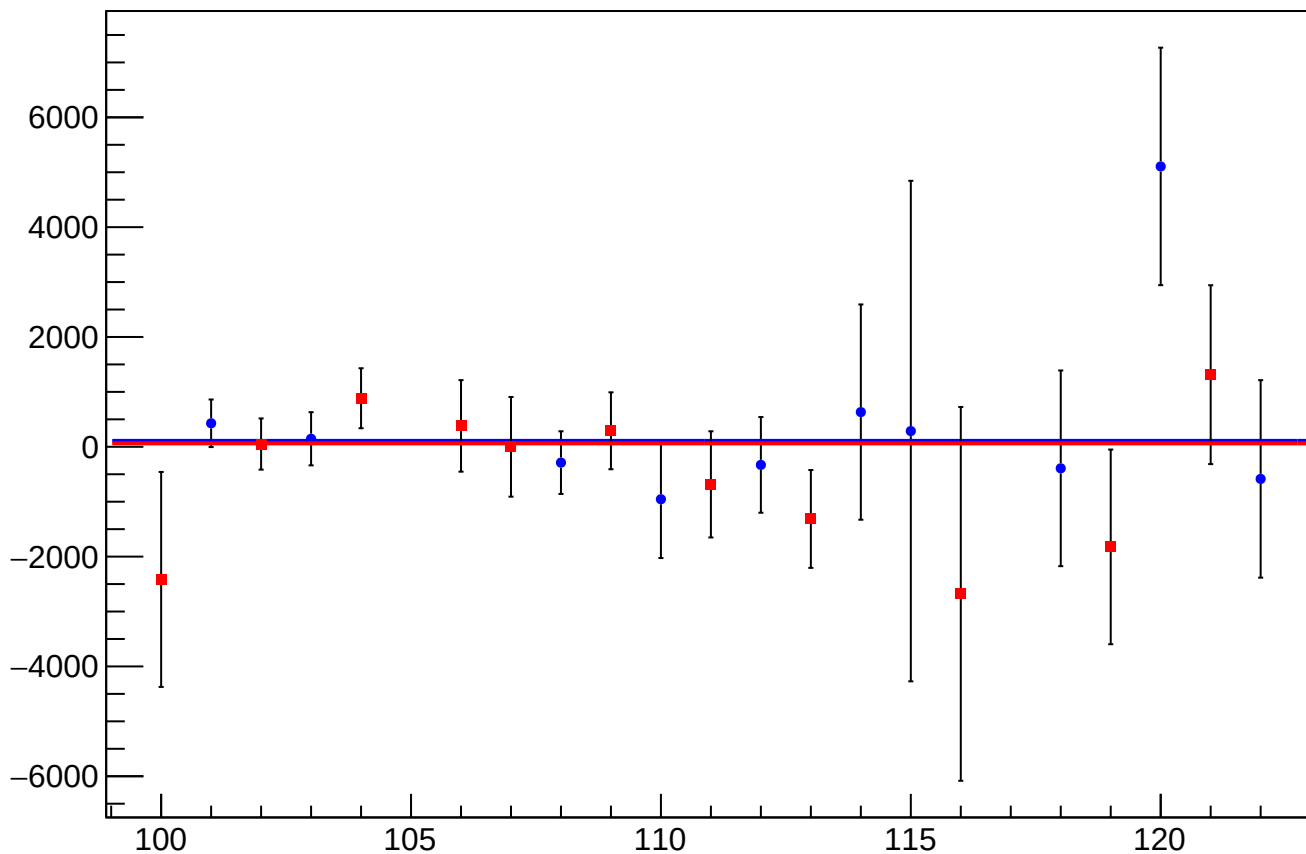
Right: 96.775 $\pm$ 0.024 χ^2 /NDF: 681190.4/20

In: 98.876 $\pm$ 0.035 χ^2 /NDF:318850.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.775 $\pm$ 0.024 χ^2 /NDF: 681190.4/20

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: 62.384+/-249.893 χ^2/NDF : 9.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

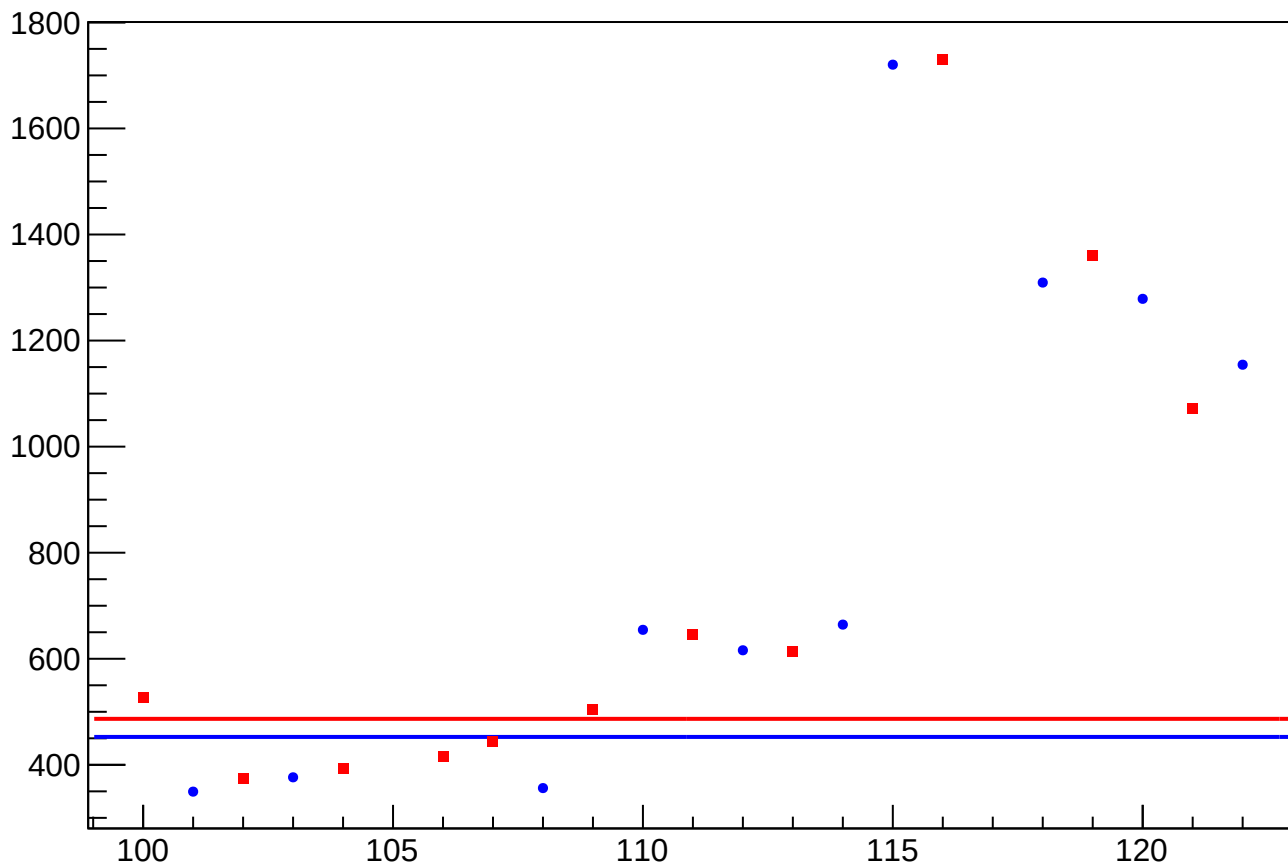
Right: 84.937+/-176.738 χ^2/NDF : 17.4/20

In: 107.508+/-249.998 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.937+/-176.738 χ^2/NDF : 17.4/20

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: 486.723+/-0.177 χ^2/NDF : 1299921.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

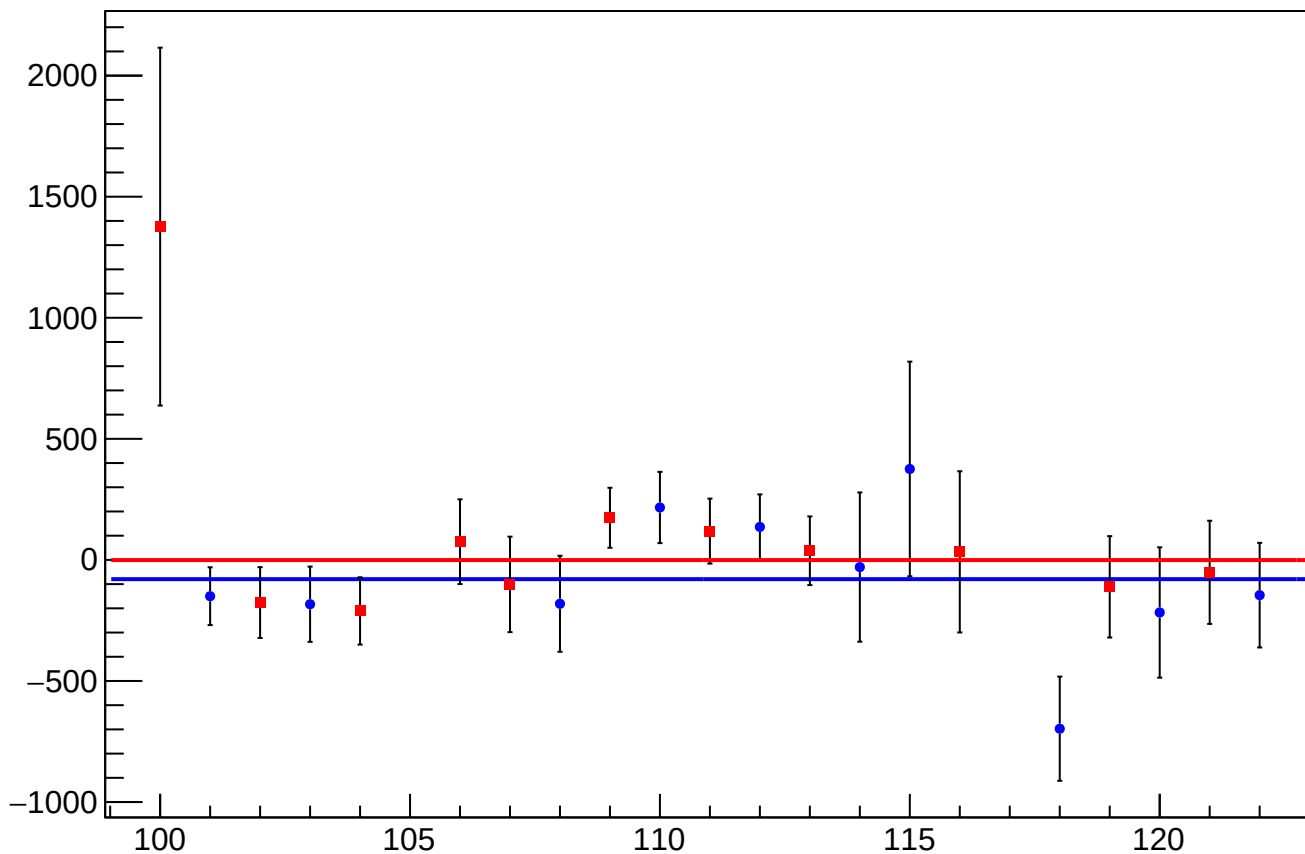
Right: 469.683+/-0.125 χ^2/NDF : 2916894.1/20

In: 452.628+/-0.177 χ^2/NDF : 1598364.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.683+/-0.125 χ^2/NDF : 2916894.1/20

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: -0.743 ± 51.087 χ^2/NDF : 10.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

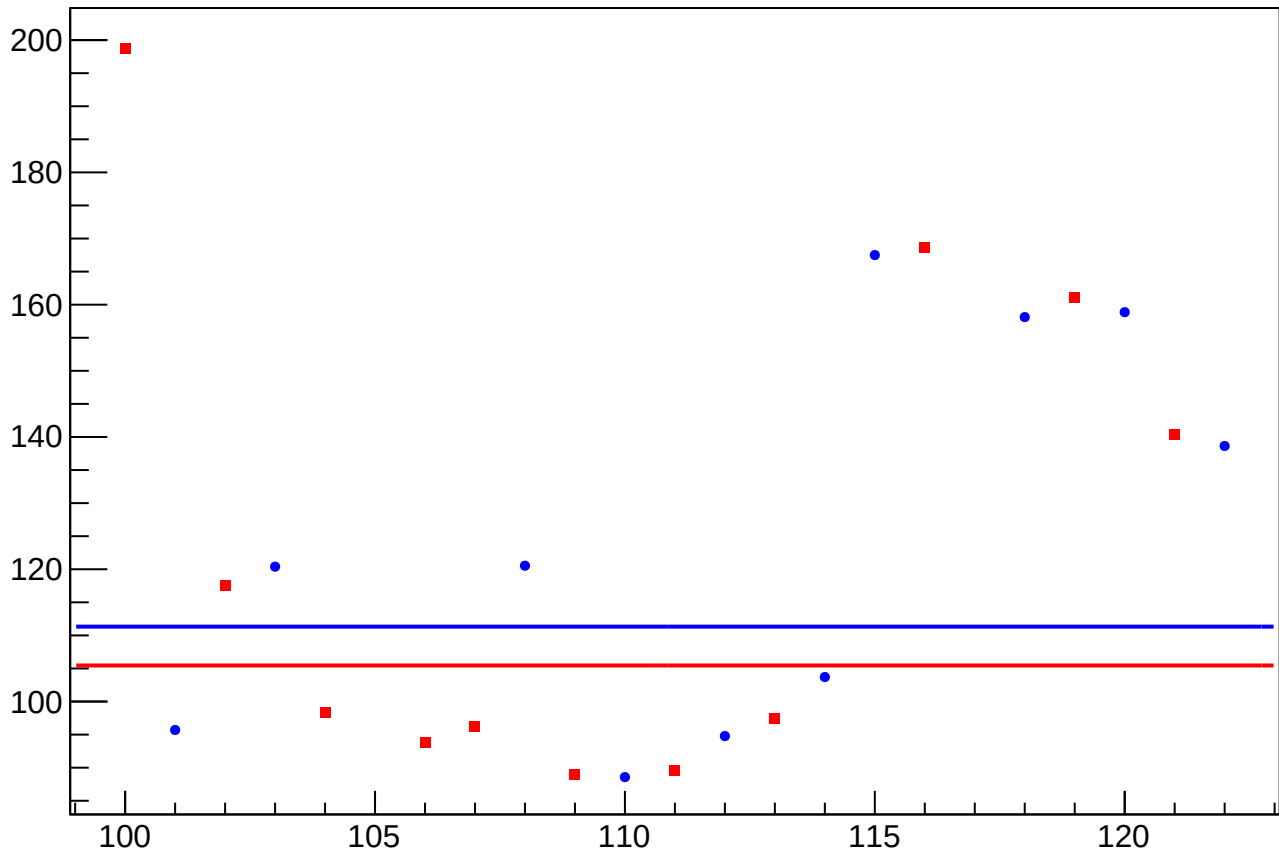
Right: -36.049 ± 37.948 χ^2/NDF : 29.3/20

In: -79.513 ± 56.682 χ^2/NDF : 17.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.049 ± 37.948 χ^2/NDF : 29.3/20

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: 105.452+/-0.036 χ^2/NDF : 401233.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

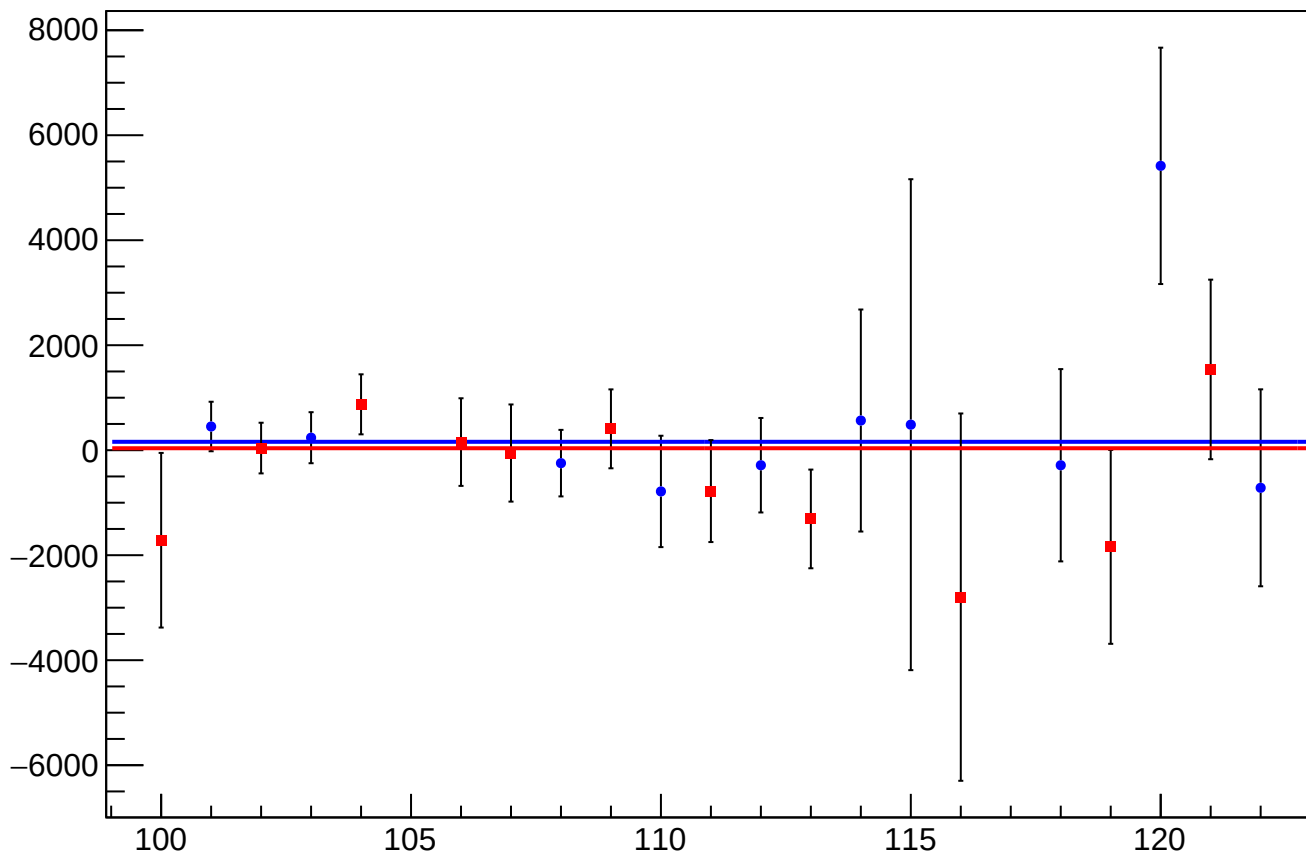
Right: 108.086+/-0.027 χ^2/NDF : 759033.6/20

In: 111.327+/-0.040 χ^2/NDF : 345944.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.086+/-0.027 χ^2/NDF : 759033.6/20

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 159.990+/-263.580 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.263+/-258.216 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

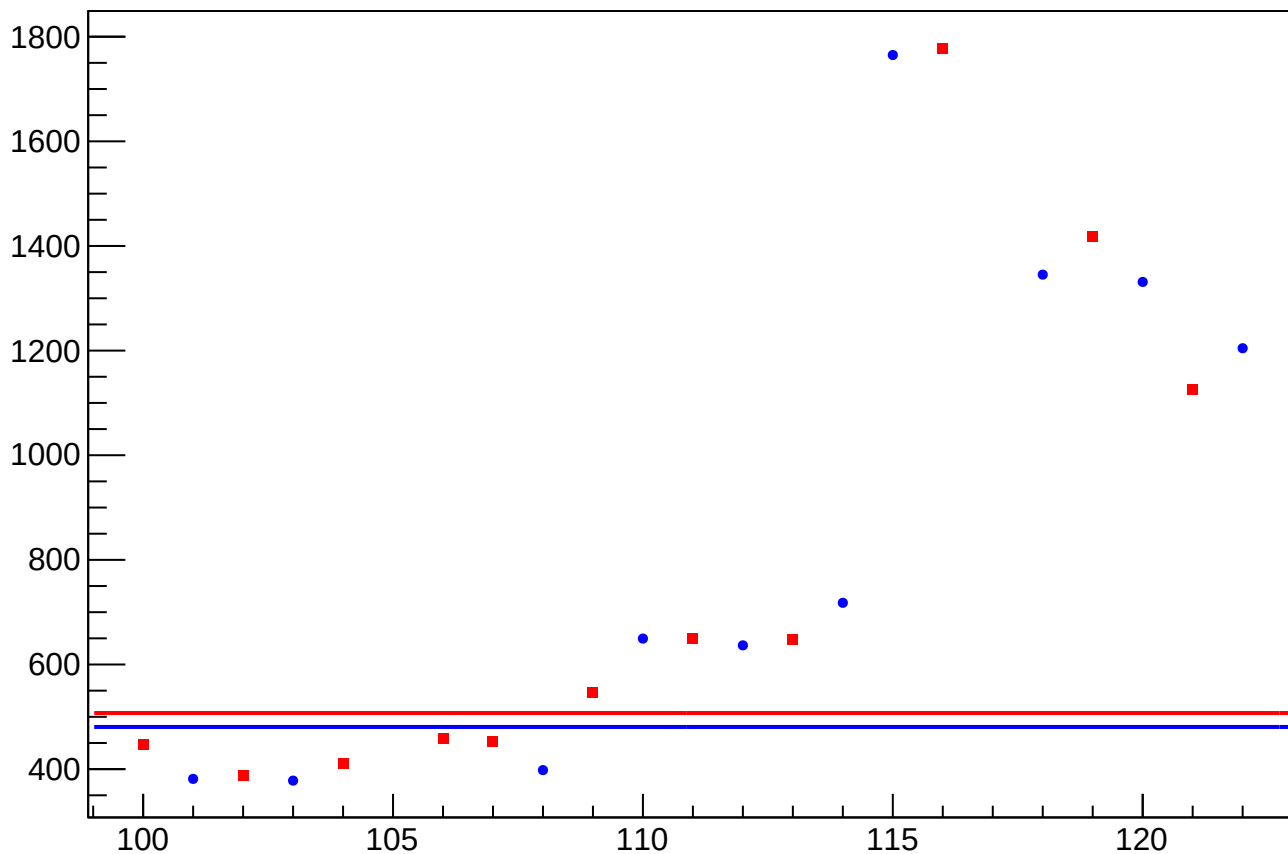
Right: 97.365+/-184.453 χ^2/NDF : 16.5/20

In: 159.990+/-263.580 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.365+/-184.453 χ^2/NDF : 16.5/20

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: 507.278+/-0.183 χ^2/NDF : 1299111.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

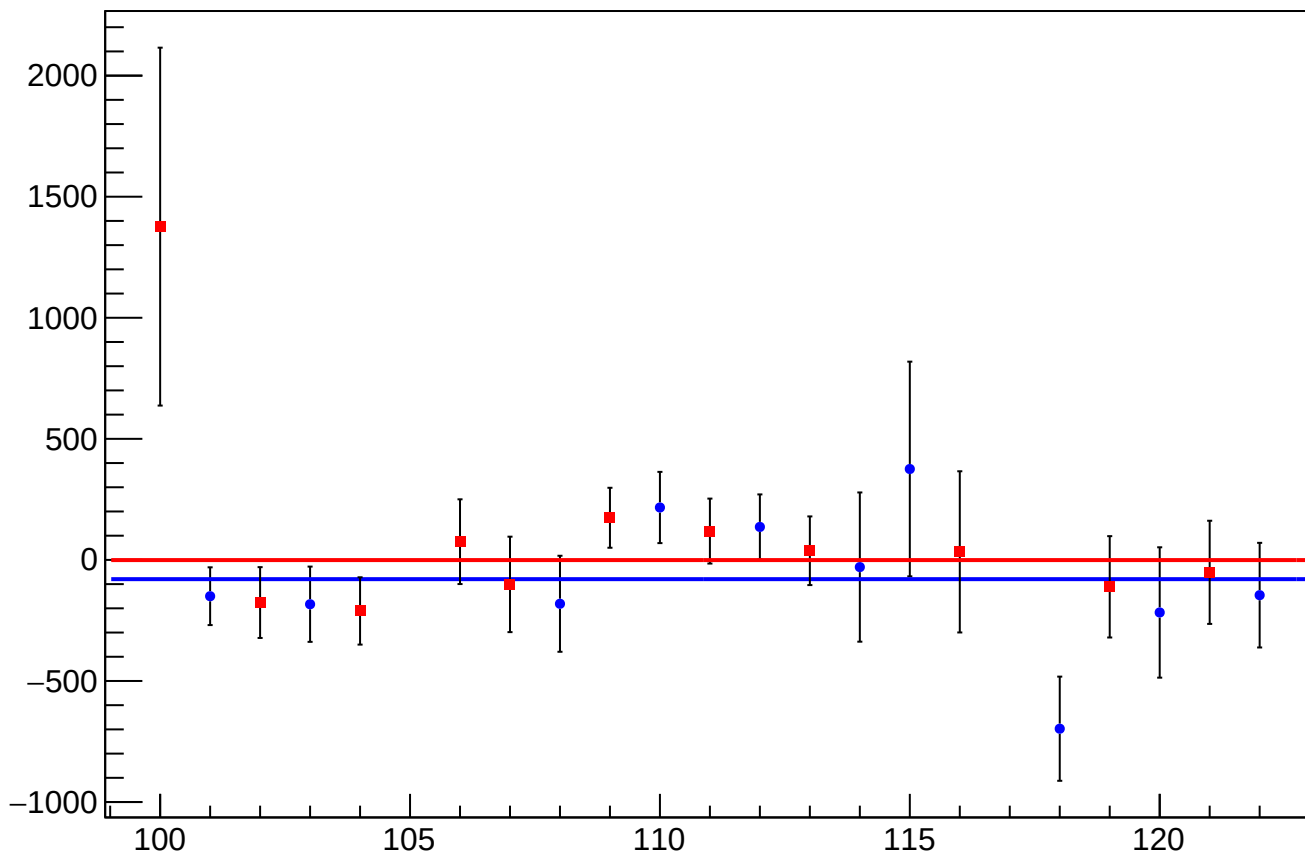
Right: 494.220+/-0.130 χ^2/NDF : 2837092.4/20

In: 480.613+/-0.186 χ^2/NDF : 1527536.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.220+/-0.130 χ^2/NDF : 2837092.4/20

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: -0.741+/-51.087 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

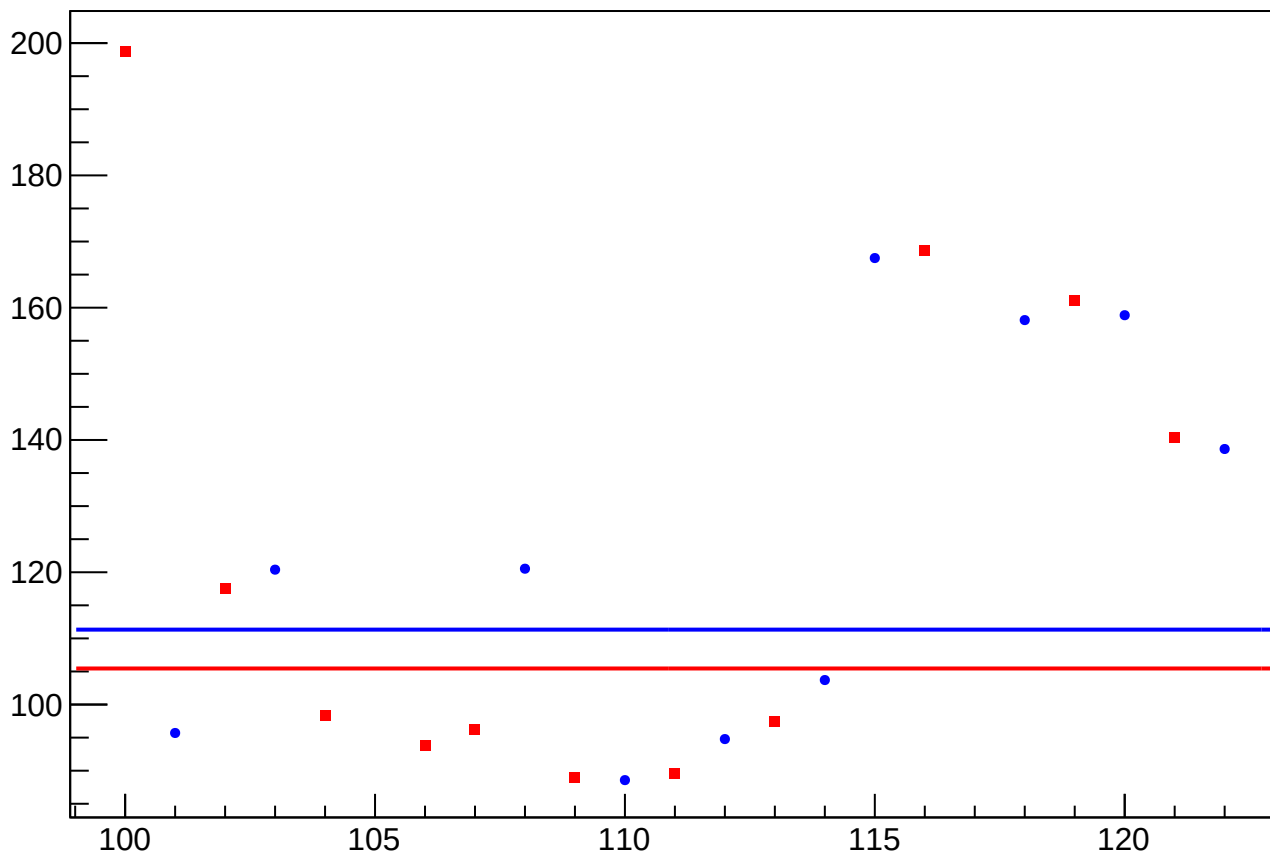
Right: -36.049+/-37.948 χ^2/NDF : 29.3/20

In: -79.514+/-56.681 χ^2/NDF : 17.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.049+/-37.948 χ^2/NDF : 29.3/20

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: 105.452+/-0.036 χ^2/NDF : 401232.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

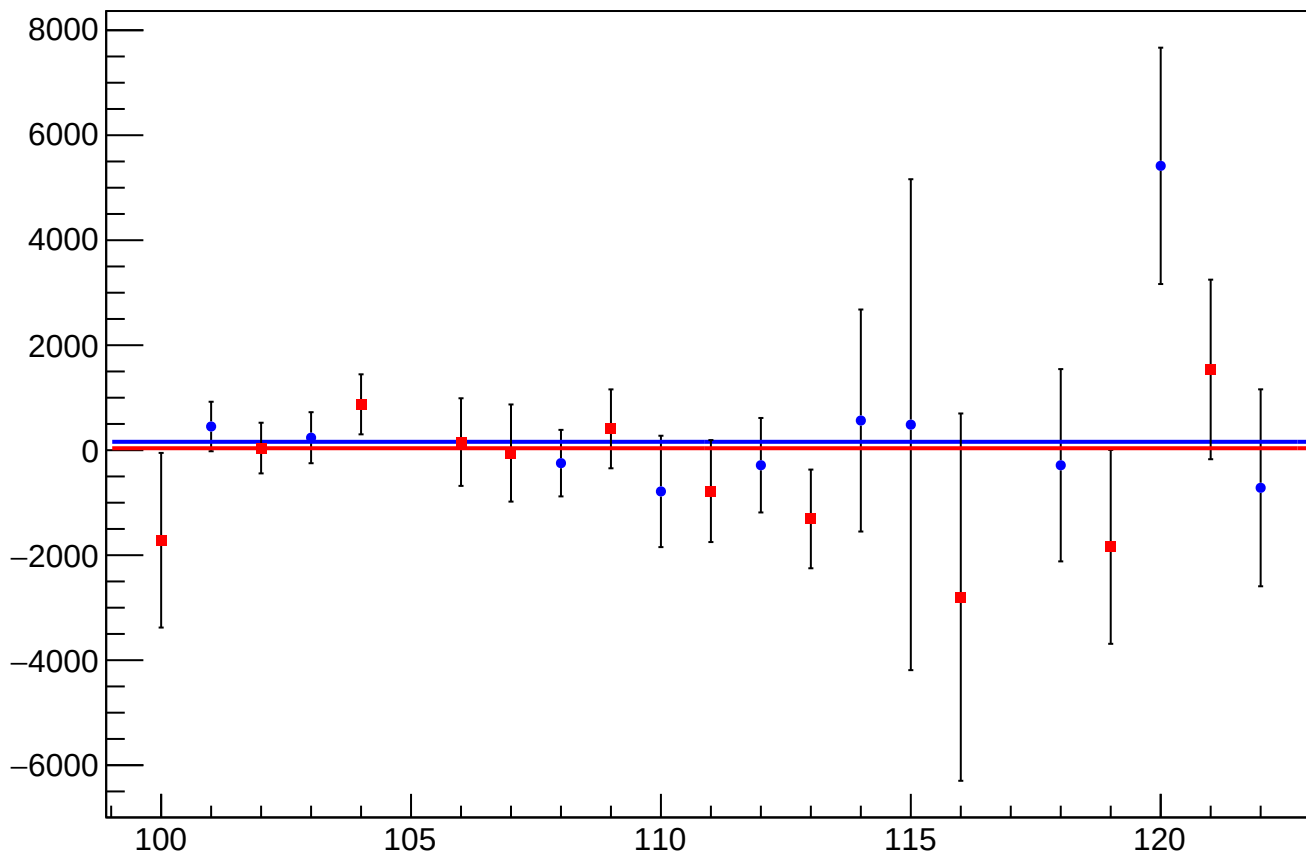
Right: 108.085+/-0.027 χ^2/NDF : 759035.1/20

In: 111.327+/-0.040 χ^2/NDF : 345946.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.085+/-0.027 χ^2/NDF : 759035.1/20

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: 37.265+/-258.215 χ^2/NDF : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

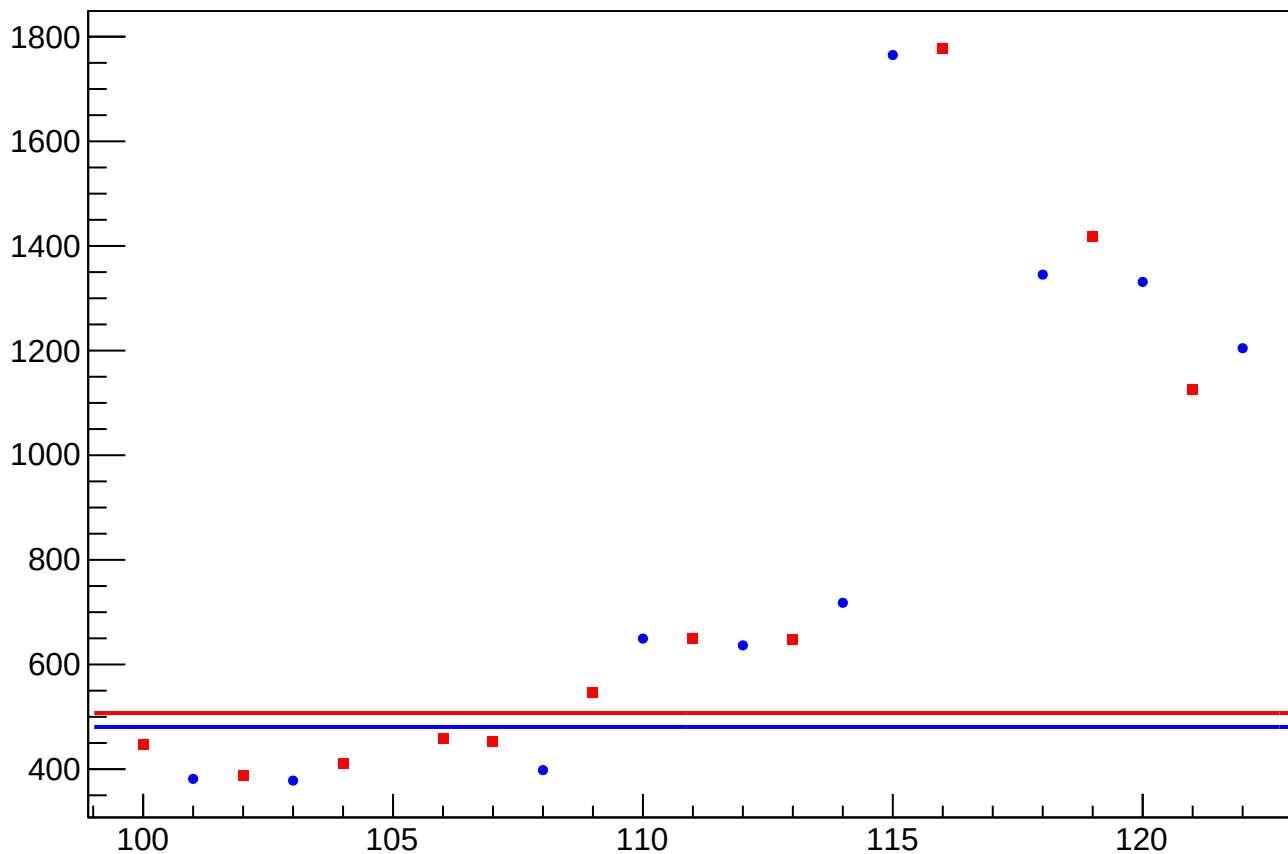
Right: 97.366+/-184.453 χ^2/NDF : 16.5/20

In: 159.990+/-263.579 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.366+/-184.453 χ^2/NDF : 16.5/20

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: 507.278+/-0.183 χ^2/NDF : 1299111.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

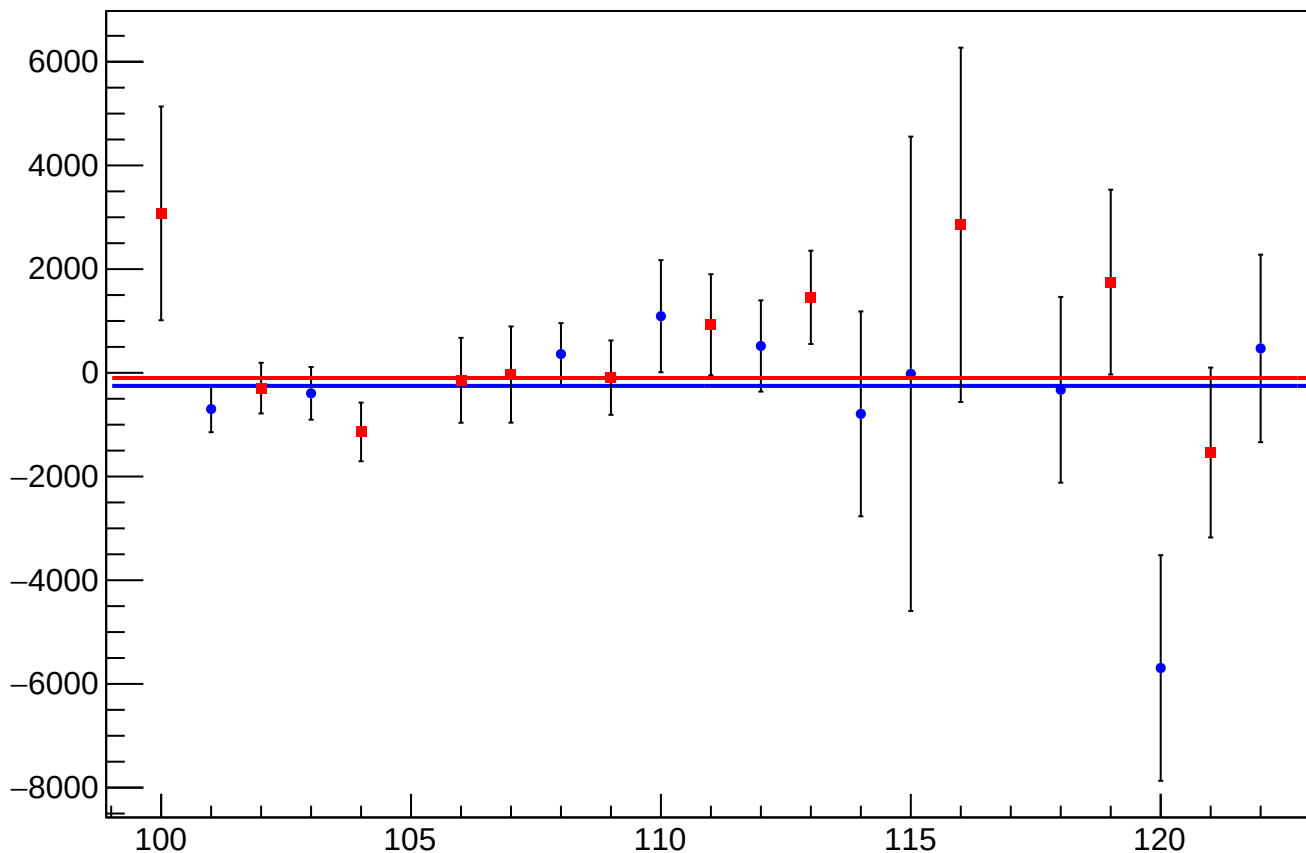
Right: 494.219+/-0.130 χ^2/NDF : 2837095.1/20

In: 480.613+/-0.186 χ^2/NDF : 1527539.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.219+/-0.130 χ^2/NDF : 2837095.1/20

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: -99.808+/-256.345 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

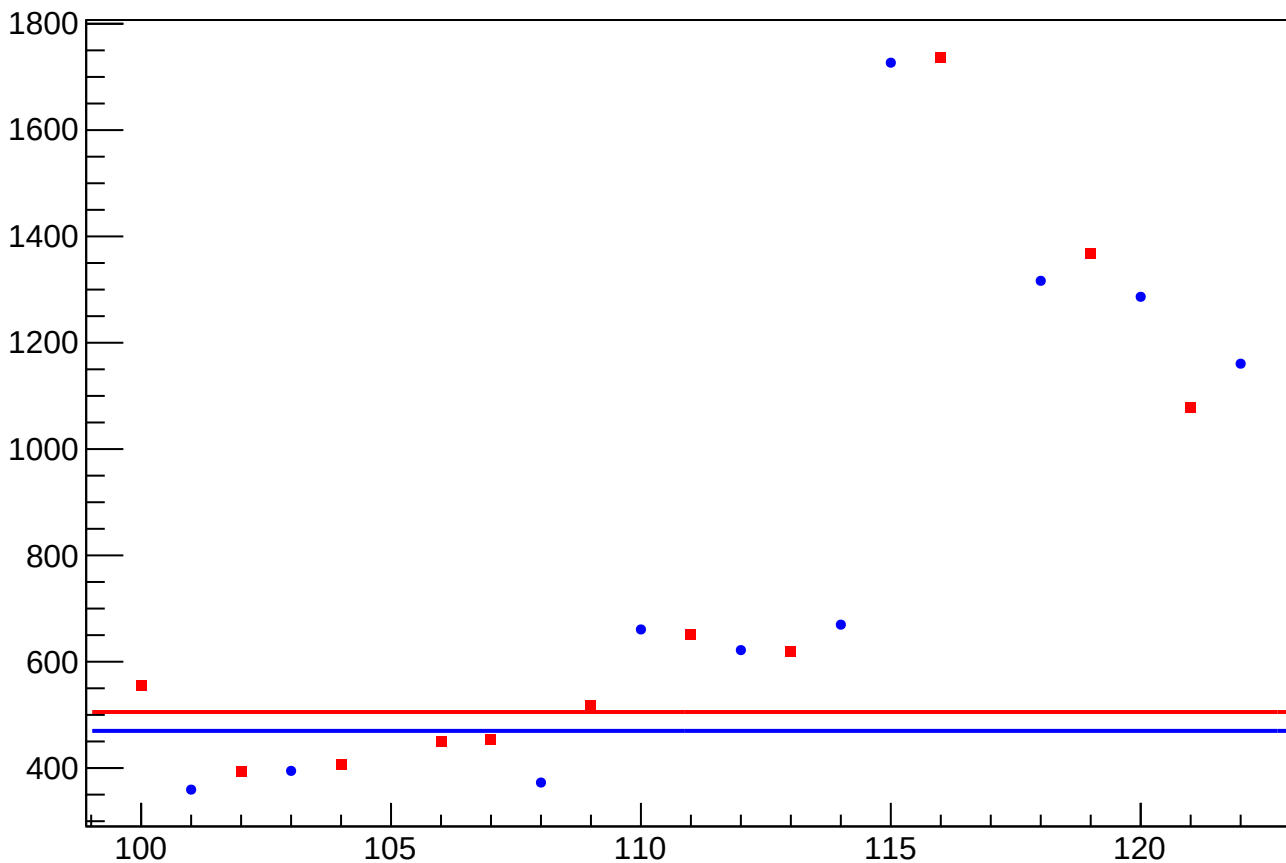
Right: -175.275+/-181.976 χ^2/NDF : 23.7/20

In: -251.941+/-258.374 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.275+/-181.976 χ^2/NDF : 23.7/20

asym_sam6_rms vs Slug, Sign Corrected



Right In: 469.898+/-0.183 χ^2/NDF : 1533011.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.397+/-0.181 χ^2/NDF : 1232862.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

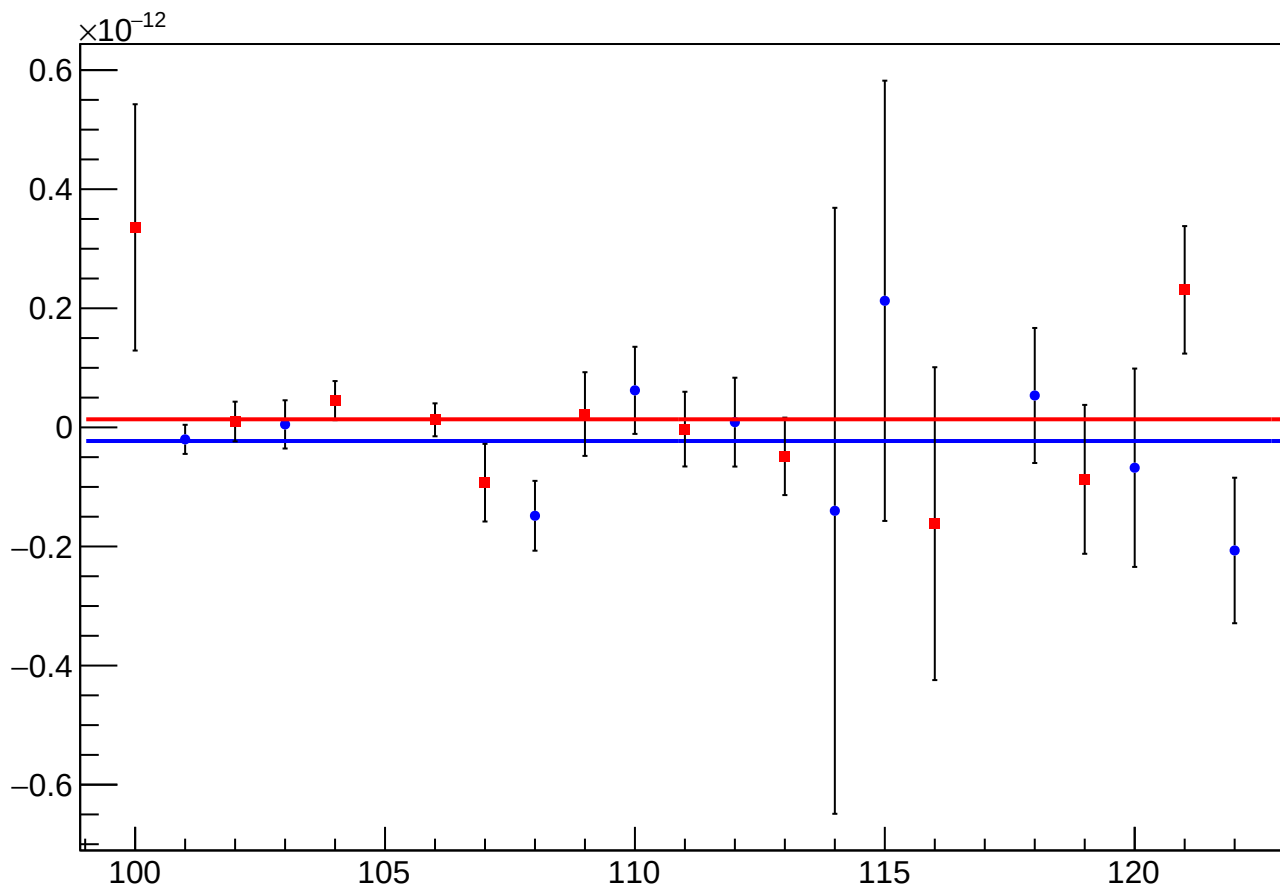
Right: 487.787+/-0.129 χ^2/NDF : 2784900.5/20

In: 469.898+/-0.183 χ^2/NDF : 1533011.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.787+/-0.129 χ^2/NDF : 2784900.5/20

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 : 12.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

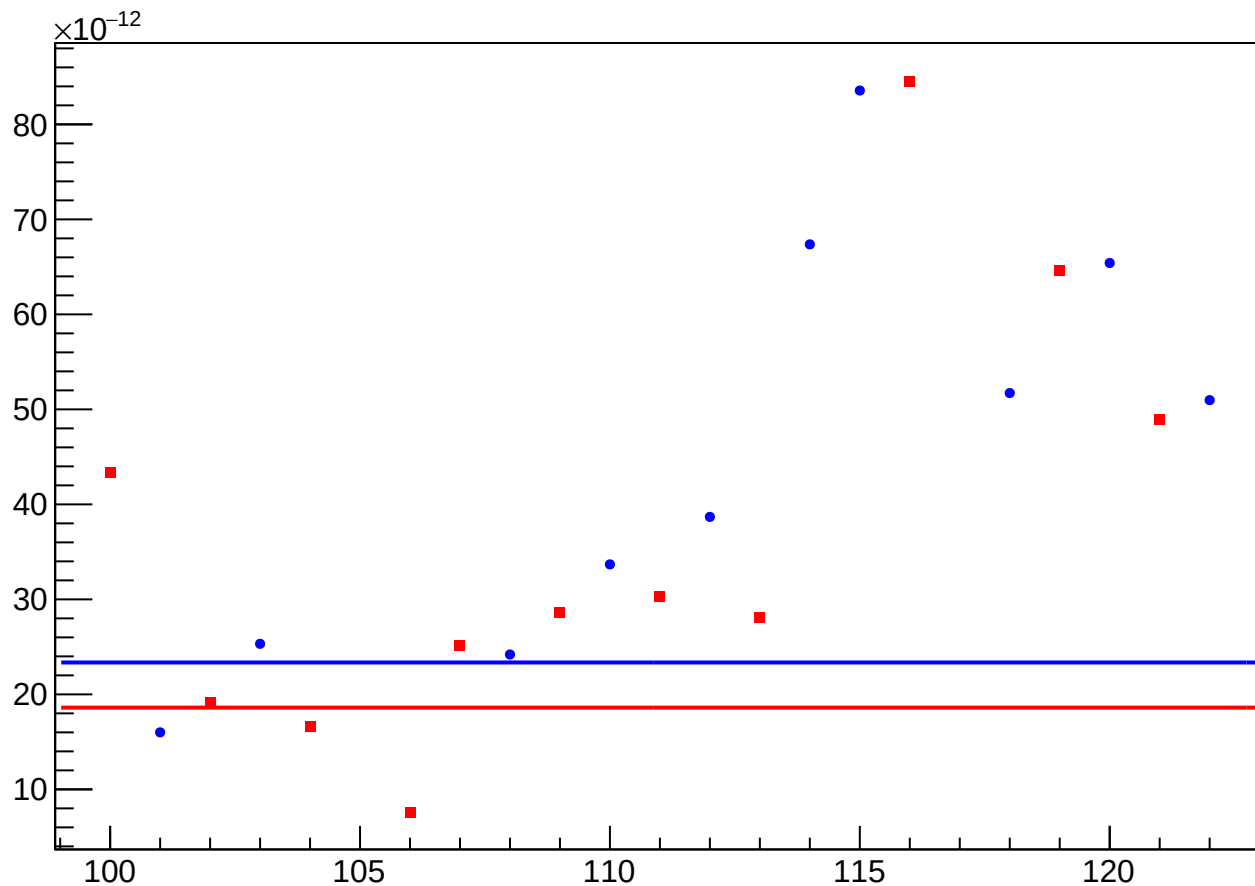
Right: -0.000+/-0.000 χ^2/NDF : 24.5/20

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 : 24.5/20

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 : 1085398.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

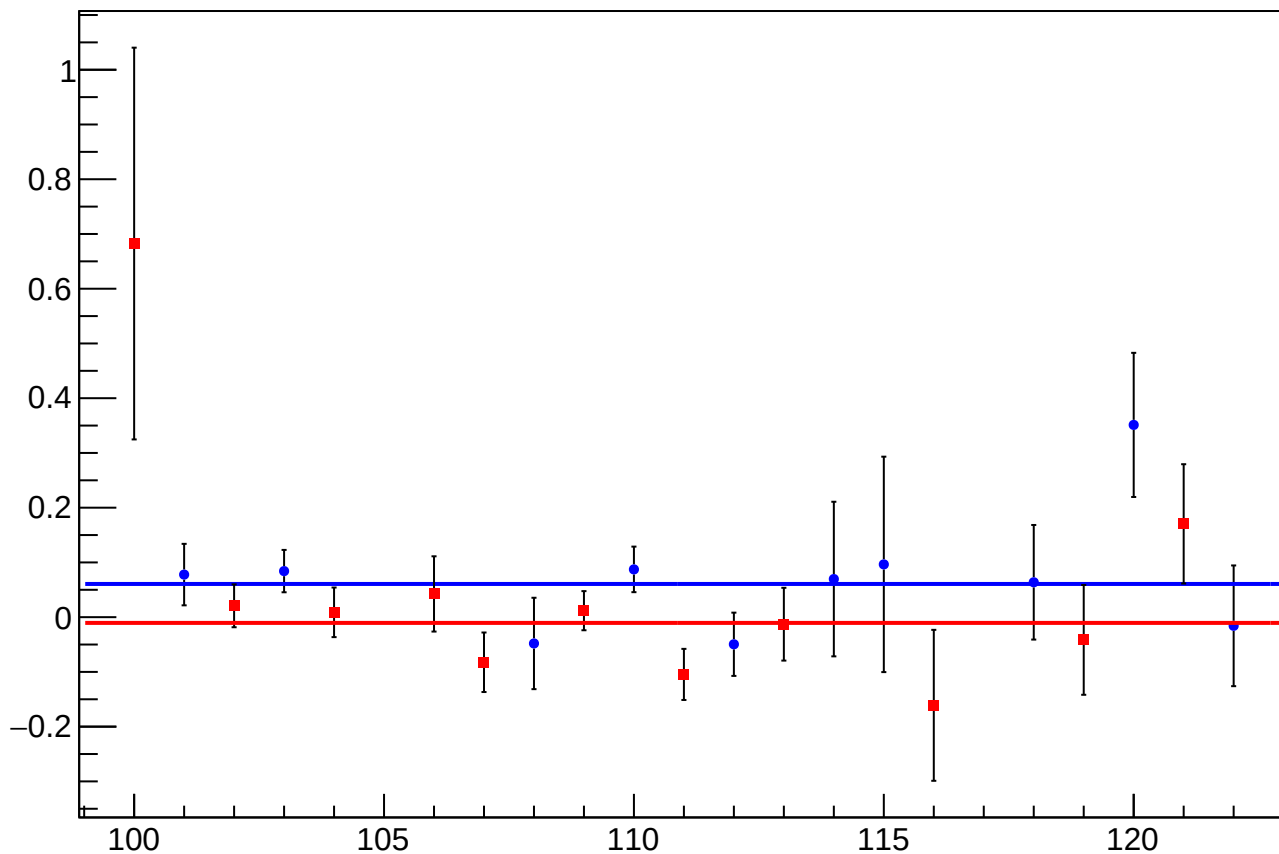
Right: 0.000+/-0.000 χ^2/NDF : 1900011.4/20

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 : 1900011.4/20

asym_sam6_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: -0.010+/-0.017 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

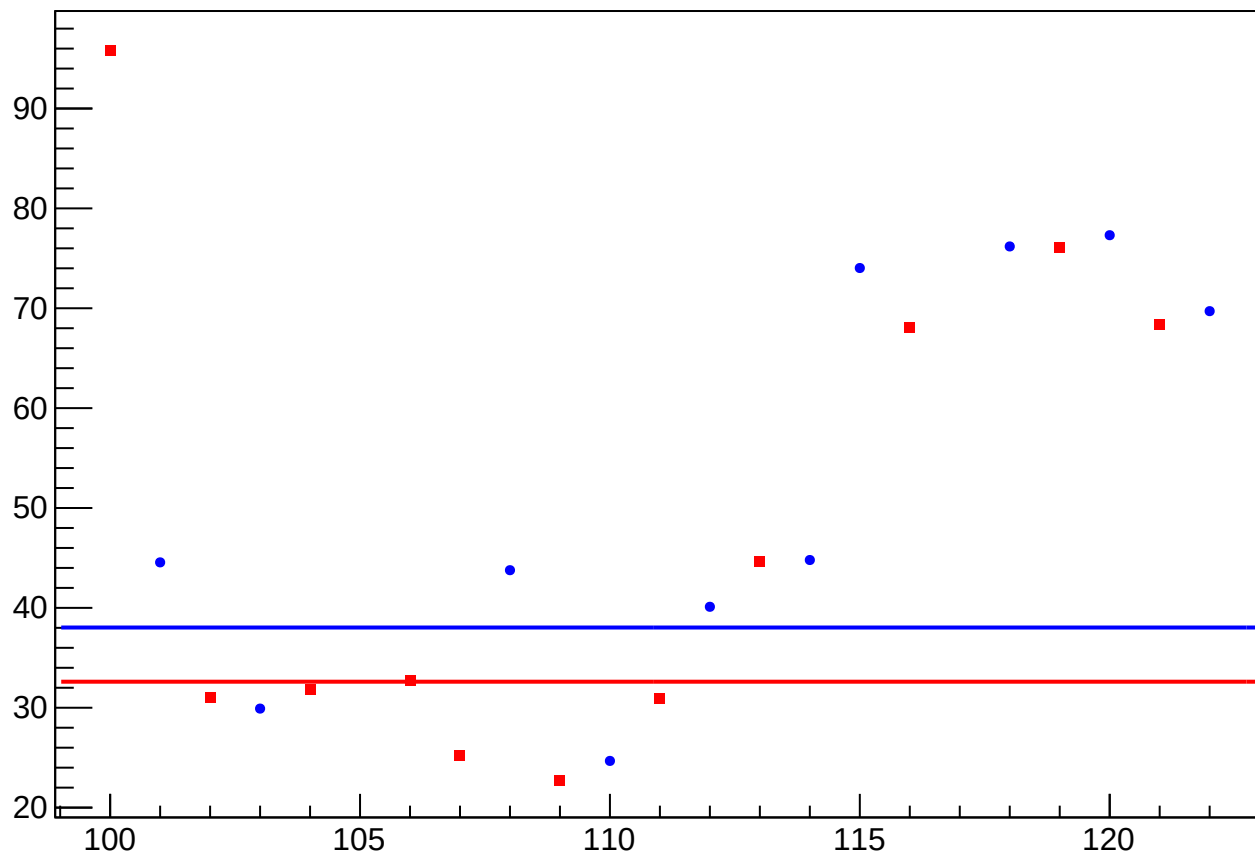
Right: 0.018+/-0.013 χ^2/NDF : 34.0/20

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 : 34.0/20

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: 32.607+/-0.012 χ^2/NDF : 1048262.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

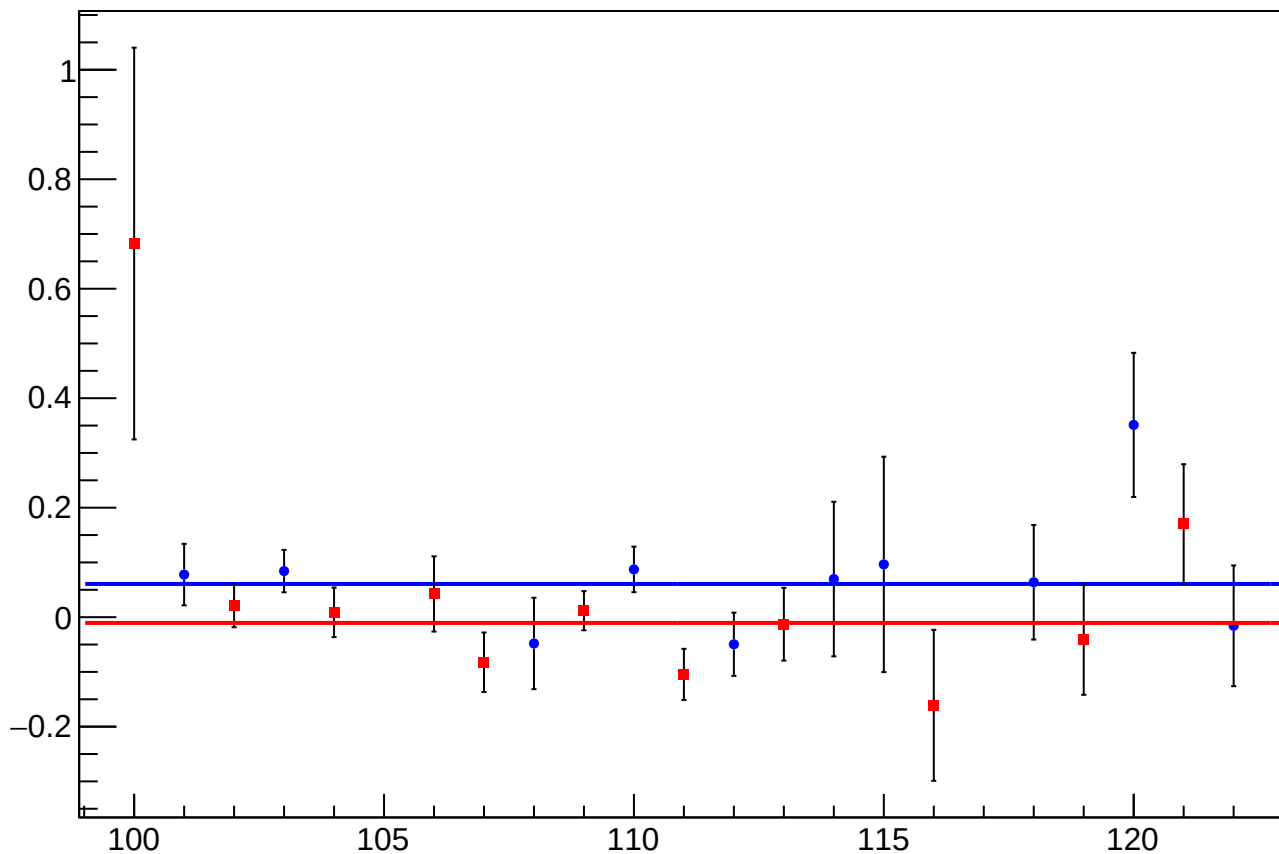
Right: 34.803+/-0.009 χ^2/NDF : 2142855.7/20

In: 38.033+/-0.015 χ^2/NDF :1013535.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.803+/-0.009 χ^2/NDF : 2142855.7/20

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: -0.010+/-0.017 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

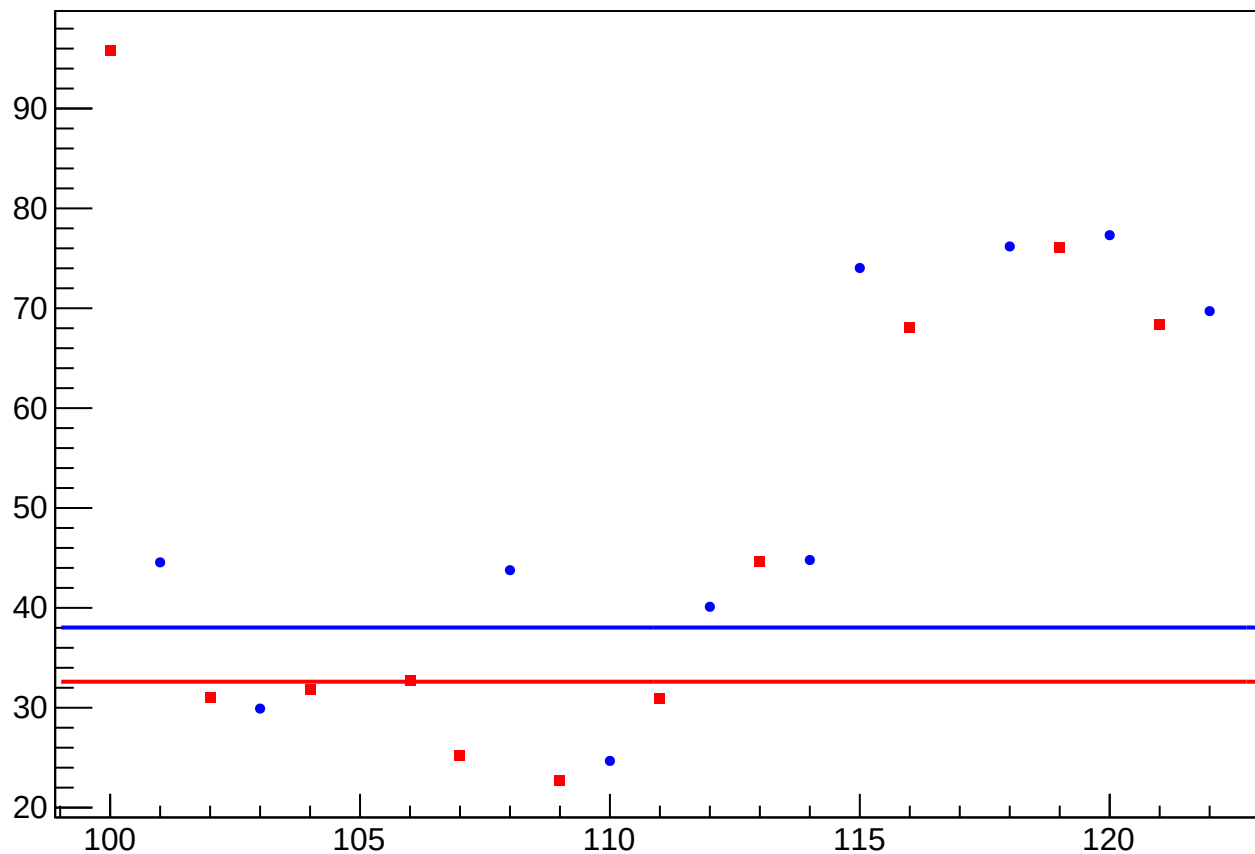
Right: 0.018+/-0.013 χ^2/NDF : 34.0/20

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 : 34.0/20

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: 32.607+/-0.012 χ^2/NDF : 1048262.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

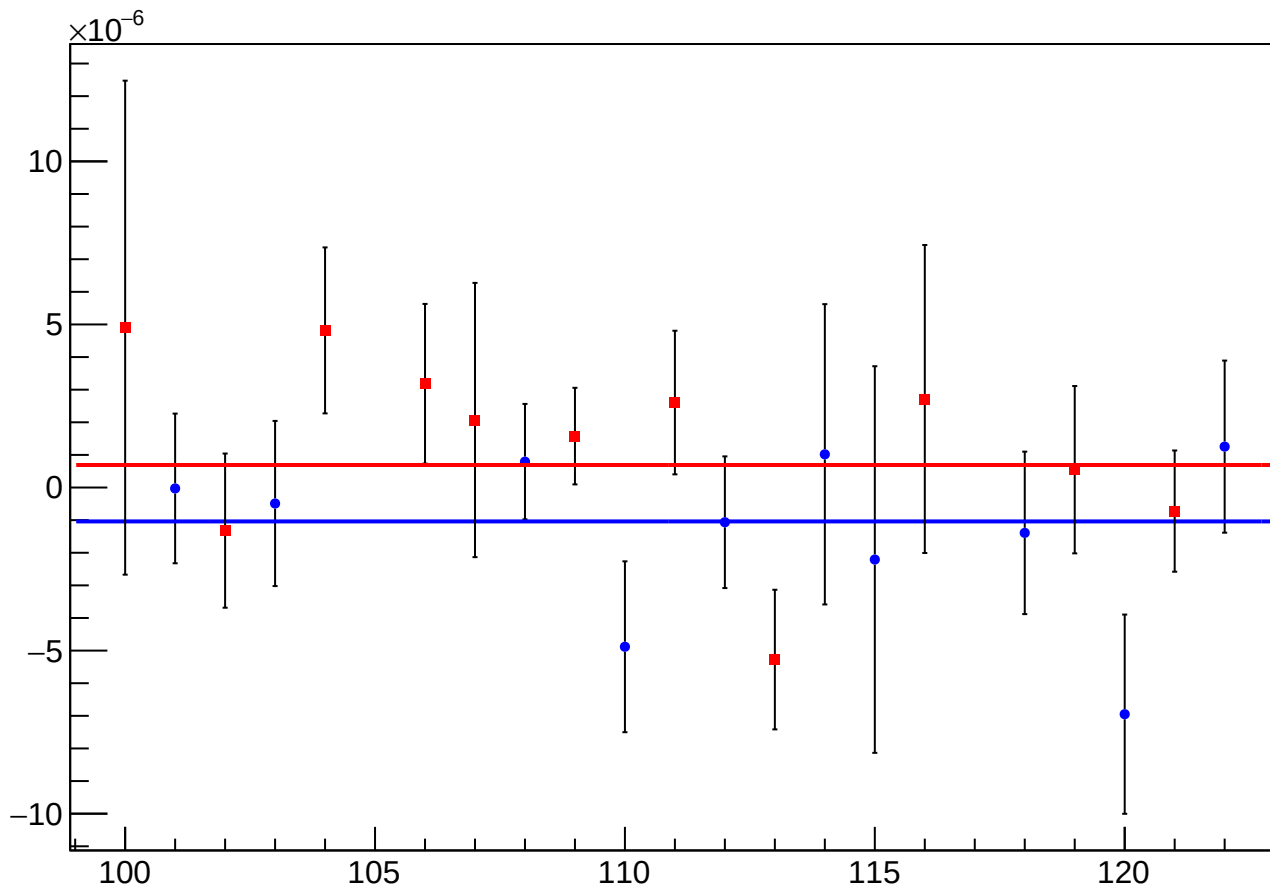
Right: 34.803+/-0.009 χ^2/NDF : 2142855.7/20

In: 38.033+/-0.015 χ^2/NDF :1013535.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.803+/-0.009 χ^2/NDF : 2142855.7/20

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 : 14.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

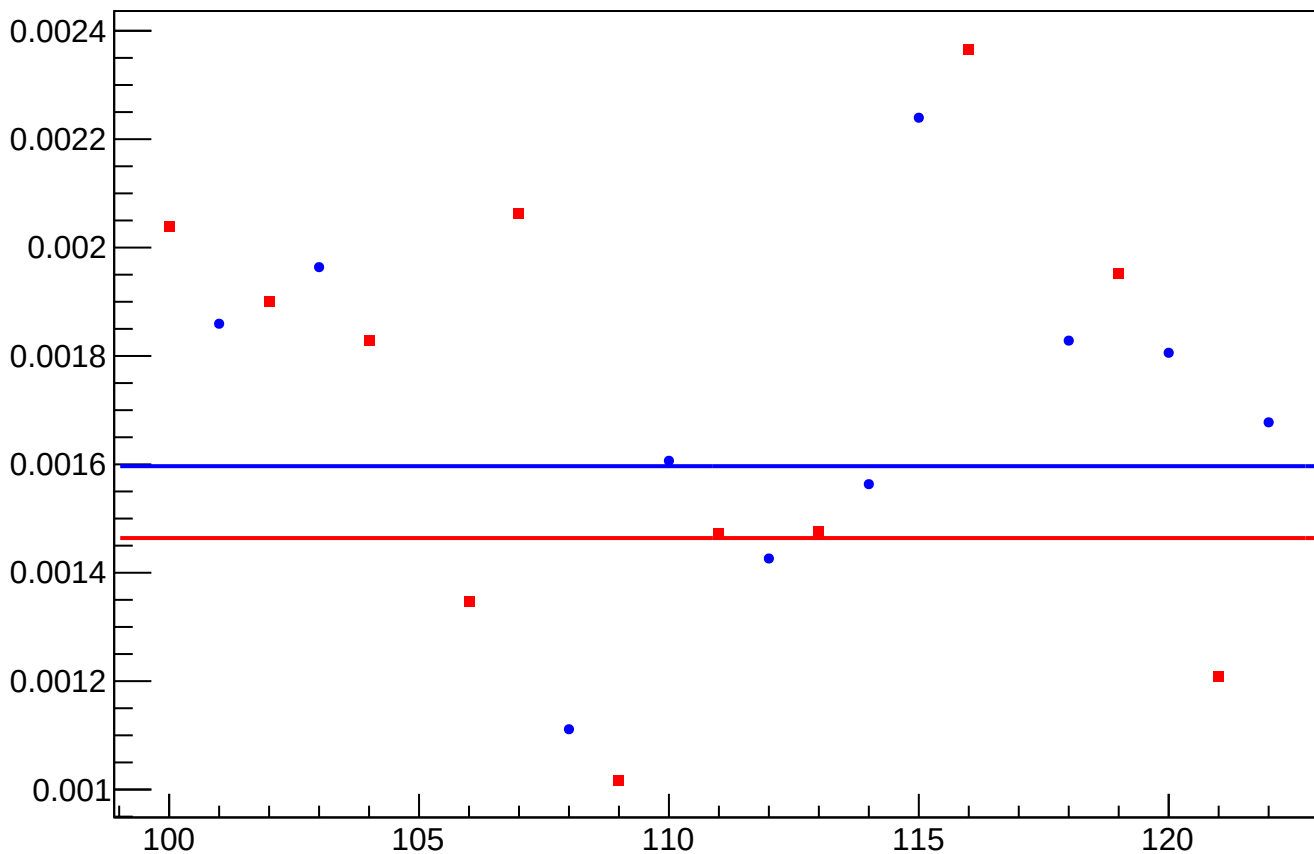
Right: -0.000+/-0.000 χ^2/NDF : 25.3/20

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 : 25.3/20

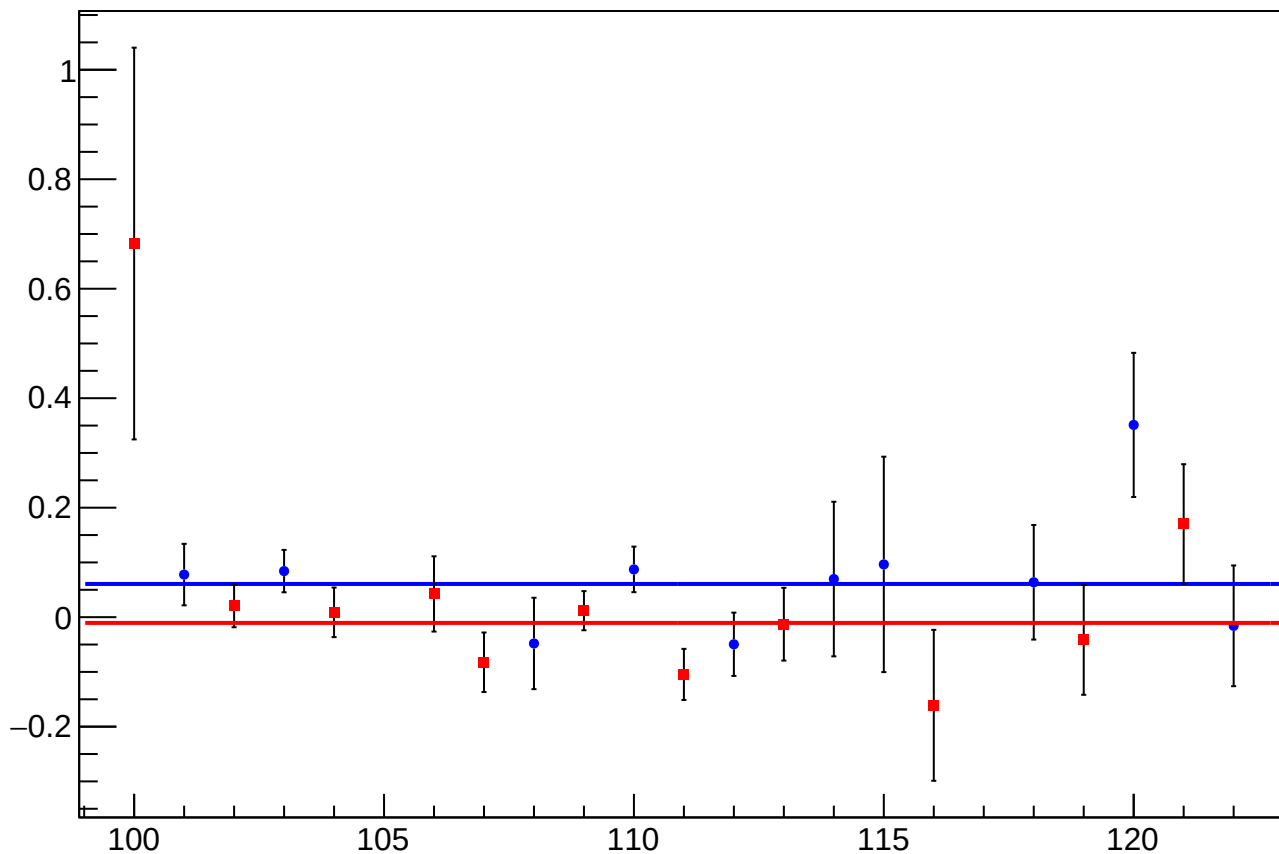
asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 285236.4/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 530771.4/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 846262.5/20
 In: 0.002 $\pm$ 0.000 χ^2 /NDF:285236.4/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.002 $\pm$ 0.000 χ^2 /NDF: 846262.5/20

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: -0.010+/-0.017 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

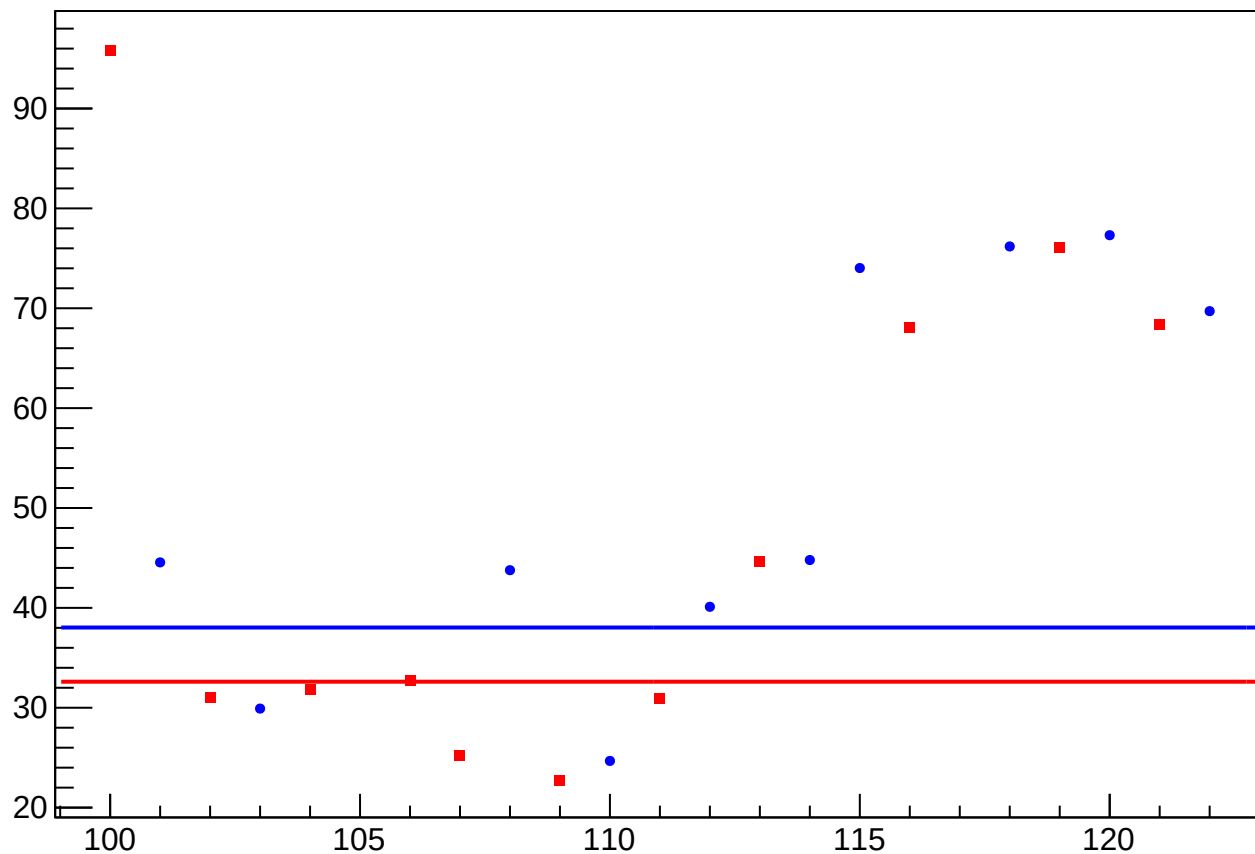
Right: 0.018+/-0.013 χ^2/NDF : 34.0/20

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 : 34.0/20

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: 32.607+/-0.012 χ^2/NDF : 1048260.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

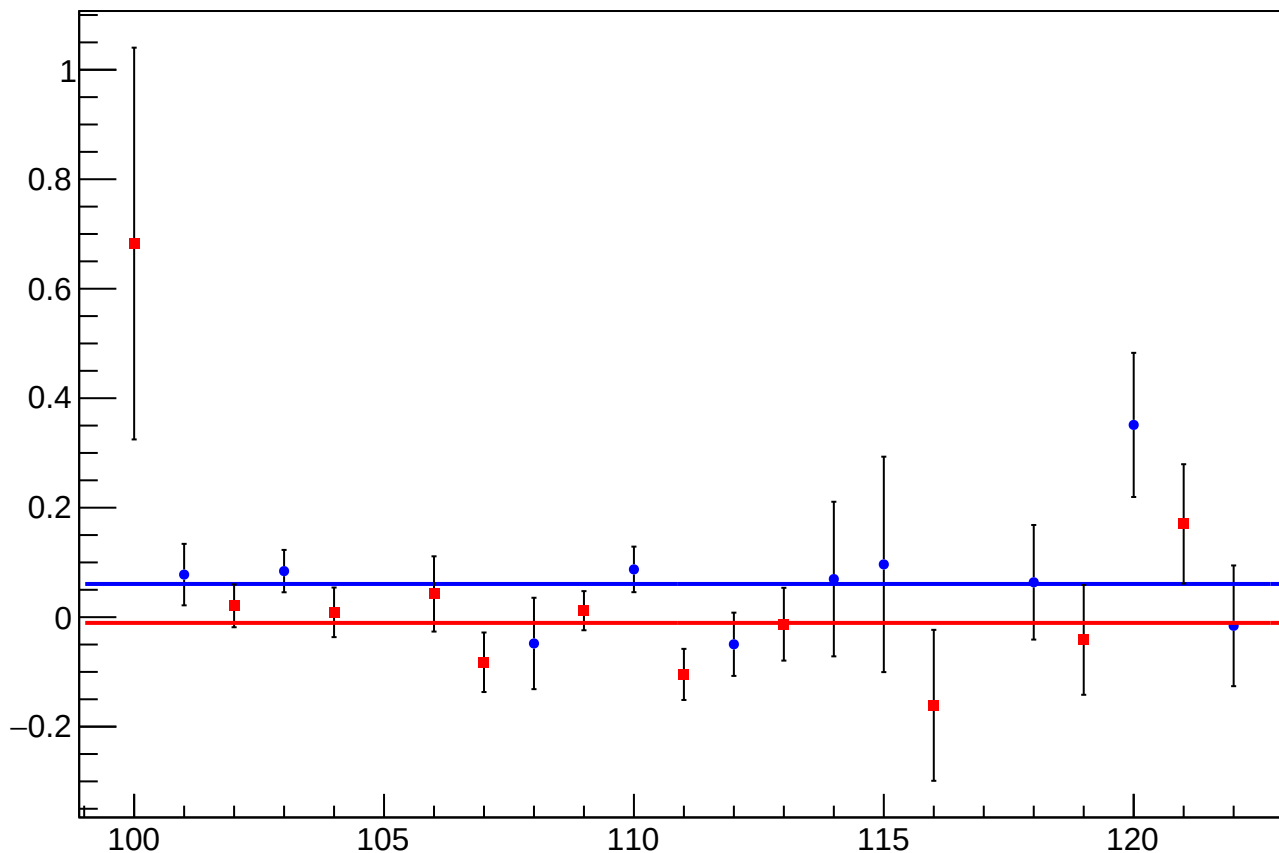
Right: 34.803+/-0.009 χ^2/NDF : 2142853.9/20

In: 38.033+/-0.015 χ^2/NDF :1013541.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.803+/-0.009 χ^2/NDF : 2142853.9/20

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: -0.010+/-0.017 χ^2/NDF : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

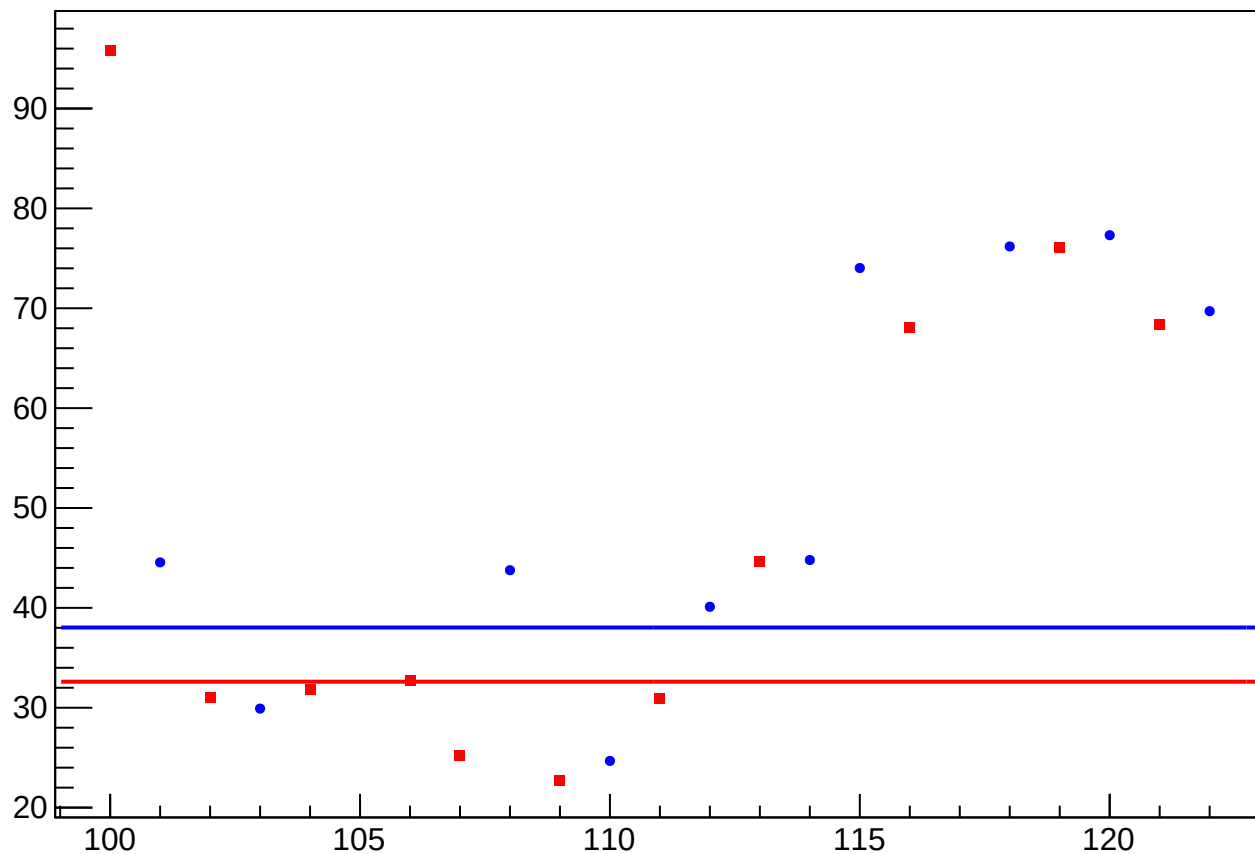
Right: 0.018+/-0.013 χ^2/NDF : 34.0/20

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 : 34.0/20

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: 32.607+/-0.012 χ^2/NDF : 1048260.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

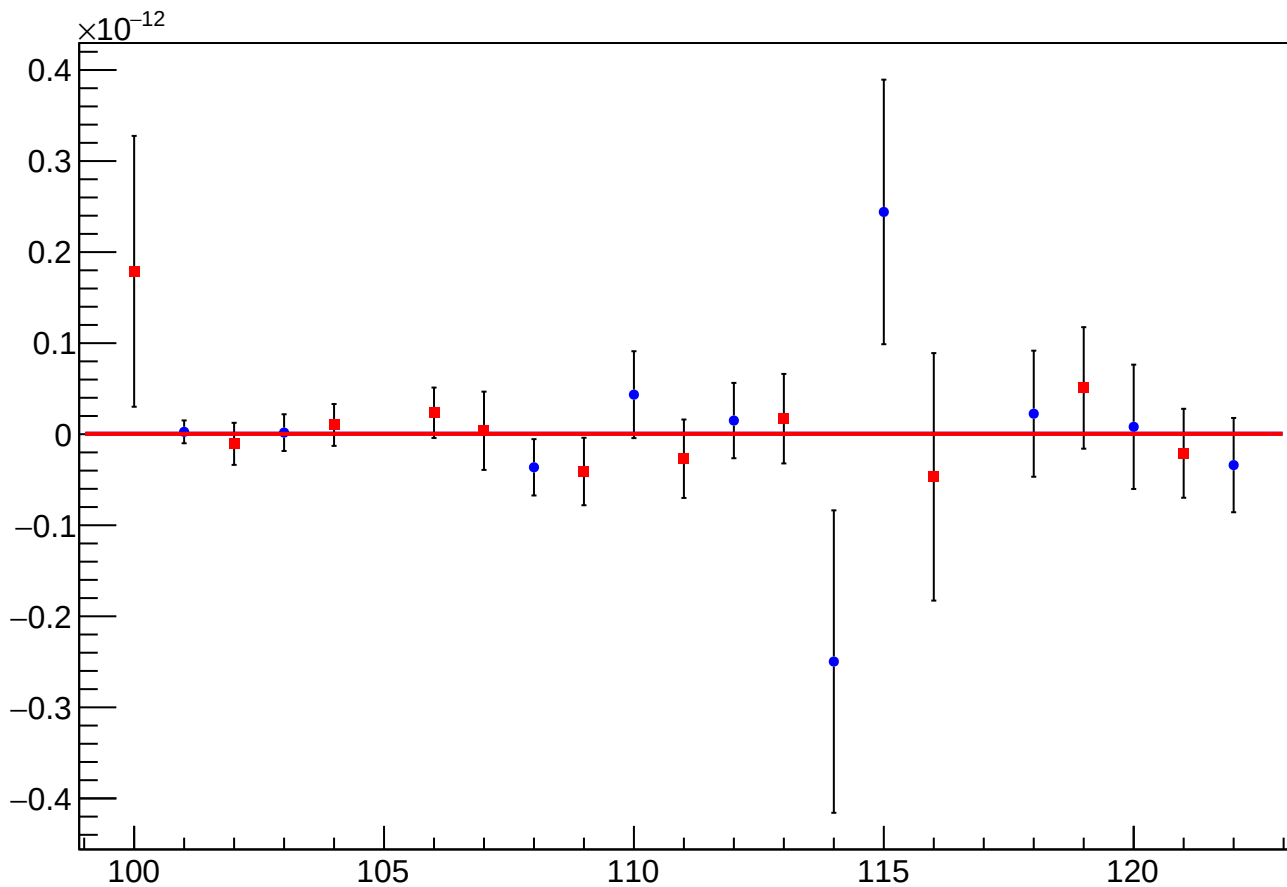
Right: 34.803+/-0.009 χ^2/NDF : 2142853.9/20

In: 38.033+/-0.015 χ^2/NDF :1013541.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.803+/-0.009 χ^2/NDF : 2142853.9/20

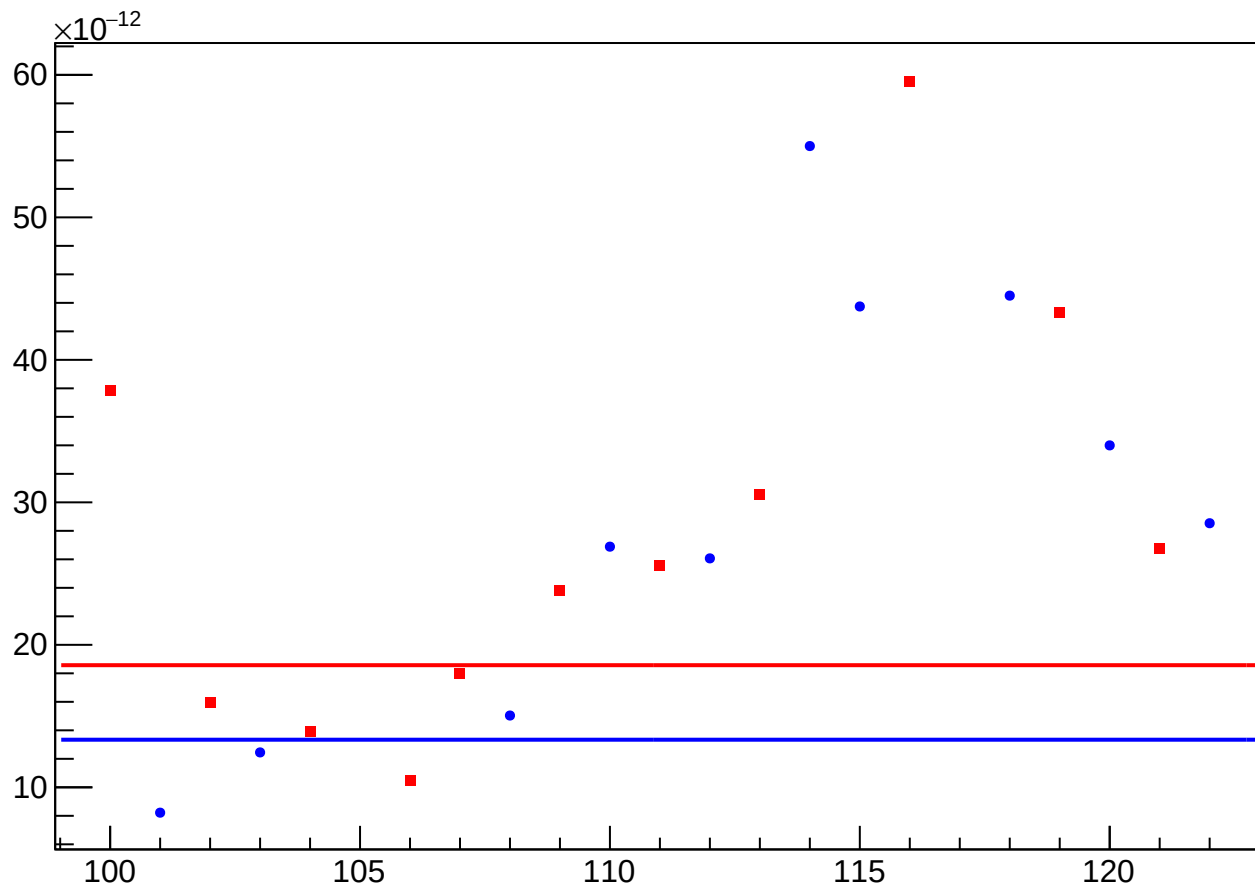
asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 5.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 13.2/20
 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 : 13.2/20

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 : 1037750.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

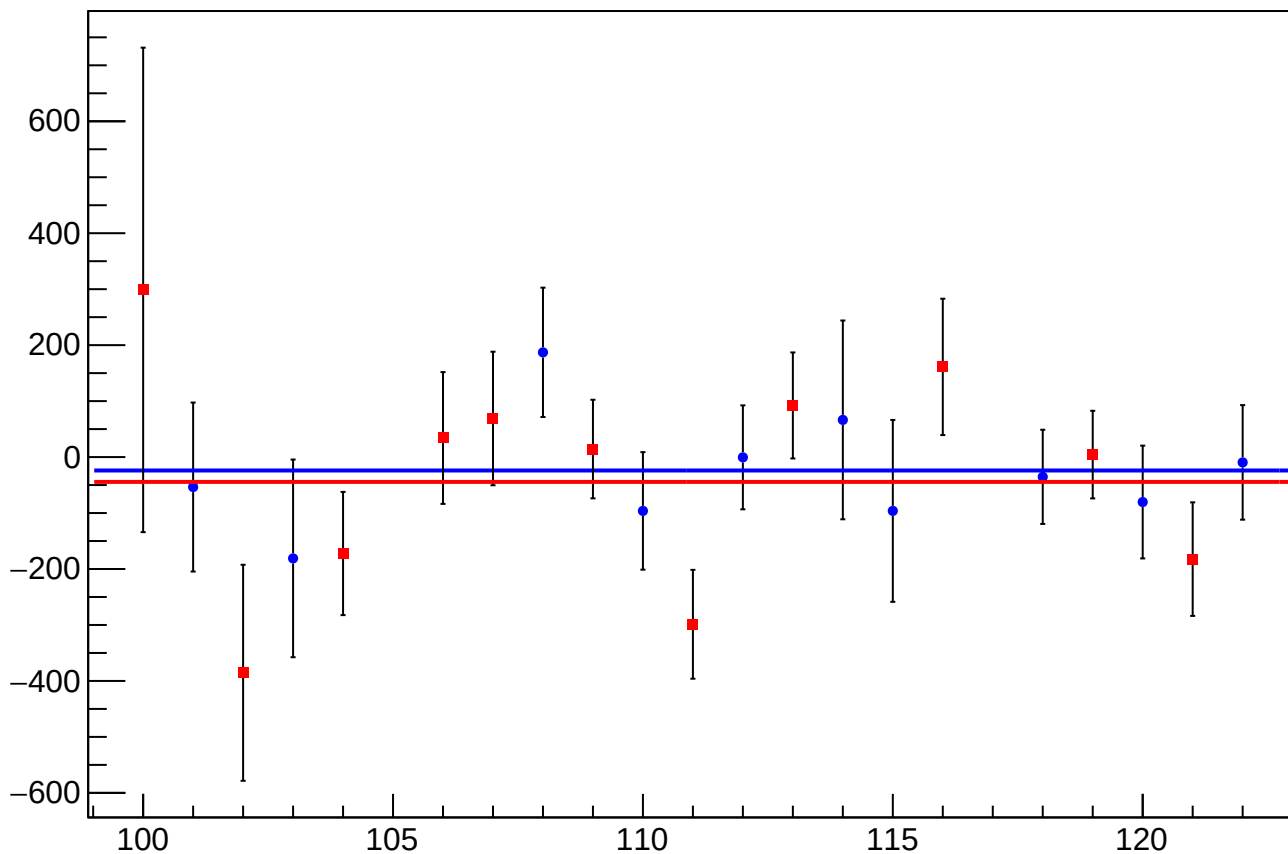
Right: 0.000+/-0.000 χ^2/NDF : 2966425.8/20

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 : 2966425.8/20

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: -44.341+/-32.775 χ^2/NDF : 20.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

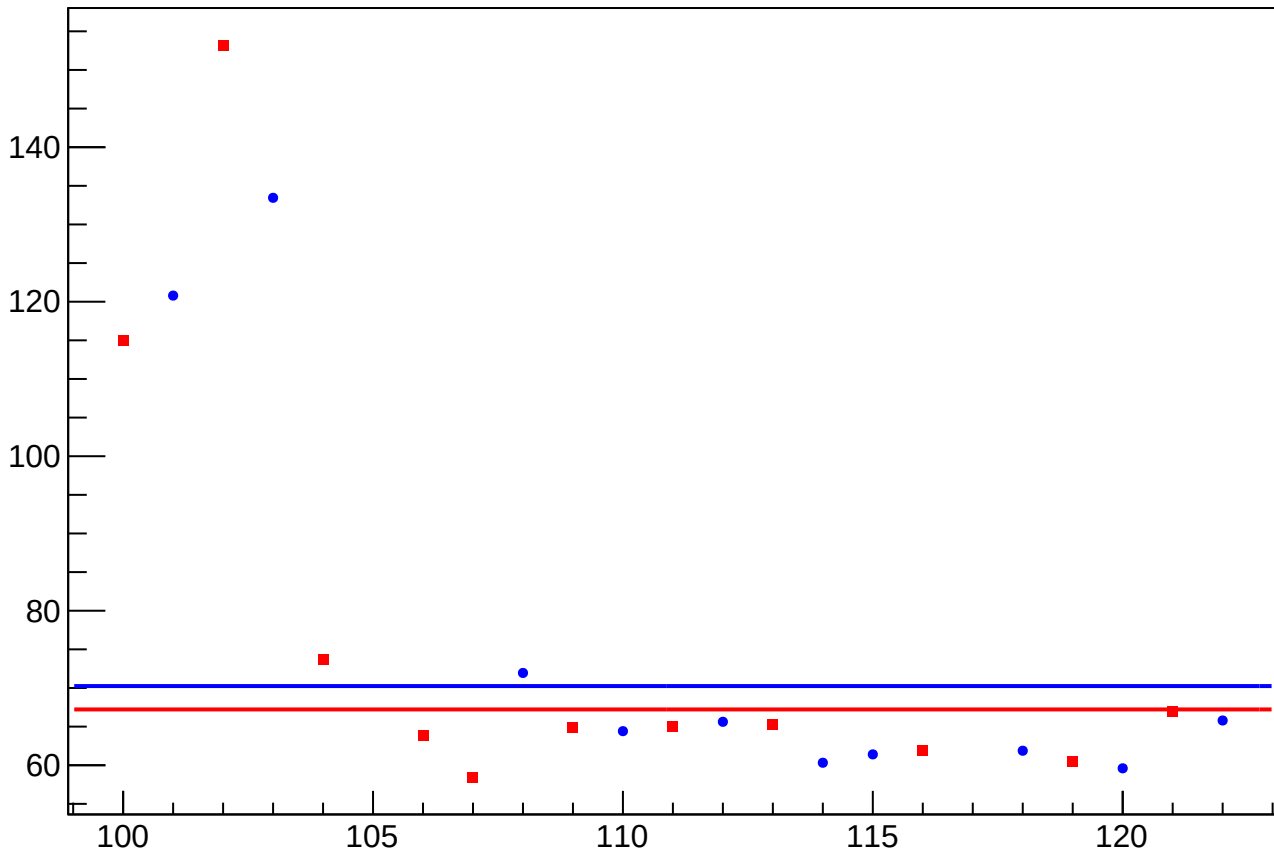
Right: -35.169+/-24.303 χ^2/NDF : 26.6/20

In: -23.965+/-36.223 χ^2/NDF :5.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.169+/-24.303 χ^2/NDF : 26.6/20

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.247+/-0.026 χ^2/NDF : 549861.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.223+/-0.023 χ^2/NDF : 461897.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

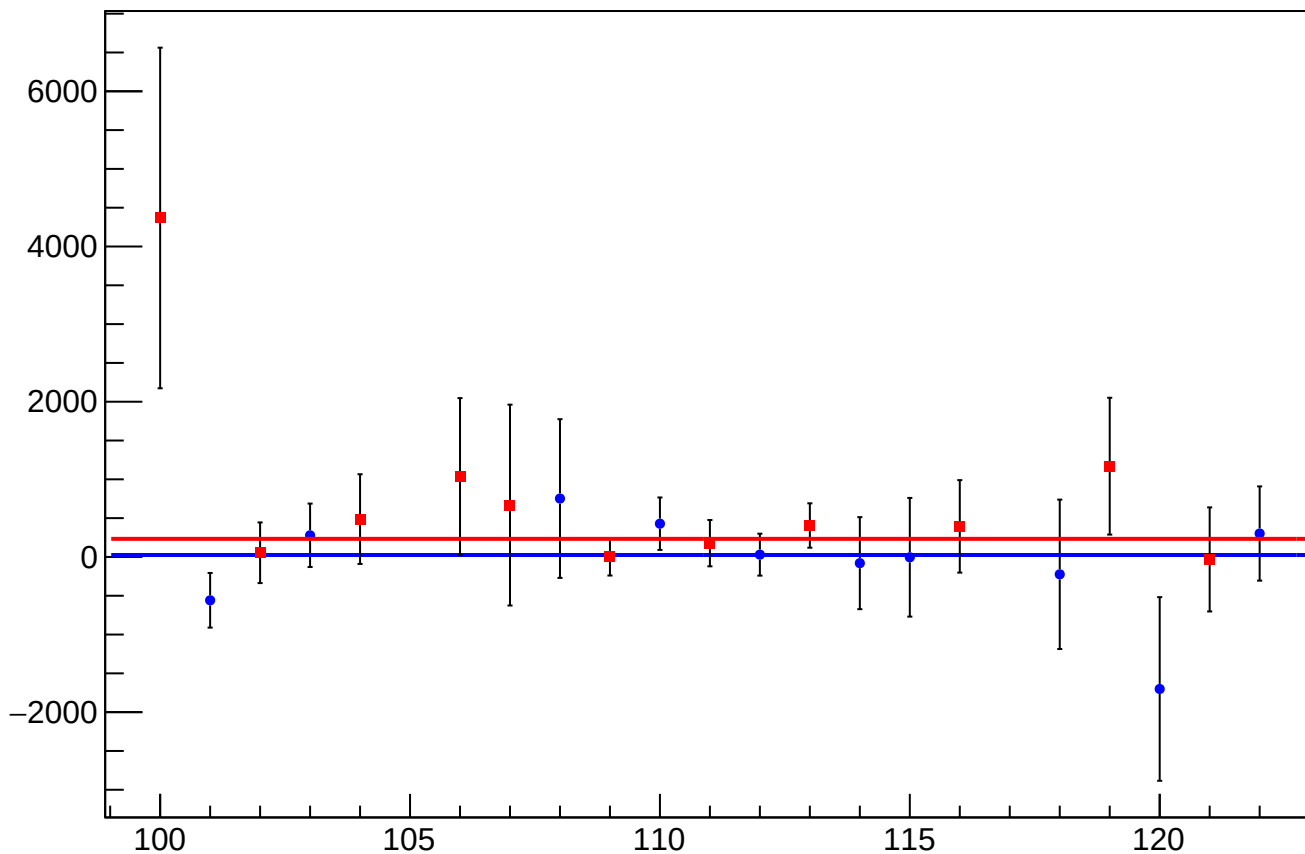
Right: 68.585+/-0.017 χ^2/NDF : 1019422.8/20

In: 70.247+/-0.026 χ^2/NDF : 549861.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.585+/-0.017 χ^2/NDF : 1019422.8/20

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 25.035+/-146.614 χ^2/NDF : 7.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.124+/-130.788 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

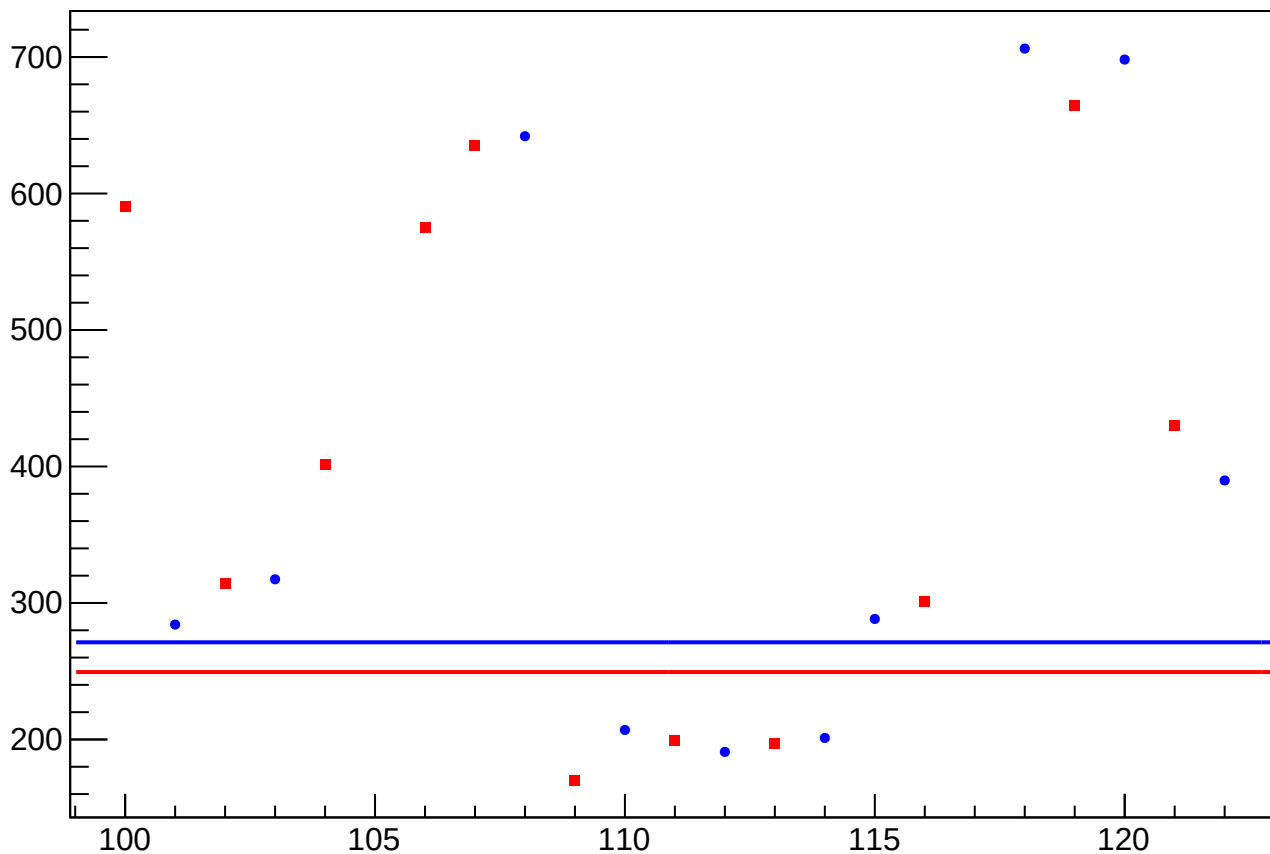
Right: 140.913+/-97.599 χ^2/NDF : 16.0/20

In: 25.035+/-146.614 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.913+/-97.599 χ^2/NDF : 16.0/20

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: 249.397+/-0.092 χ^2/NDF : 1573659.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

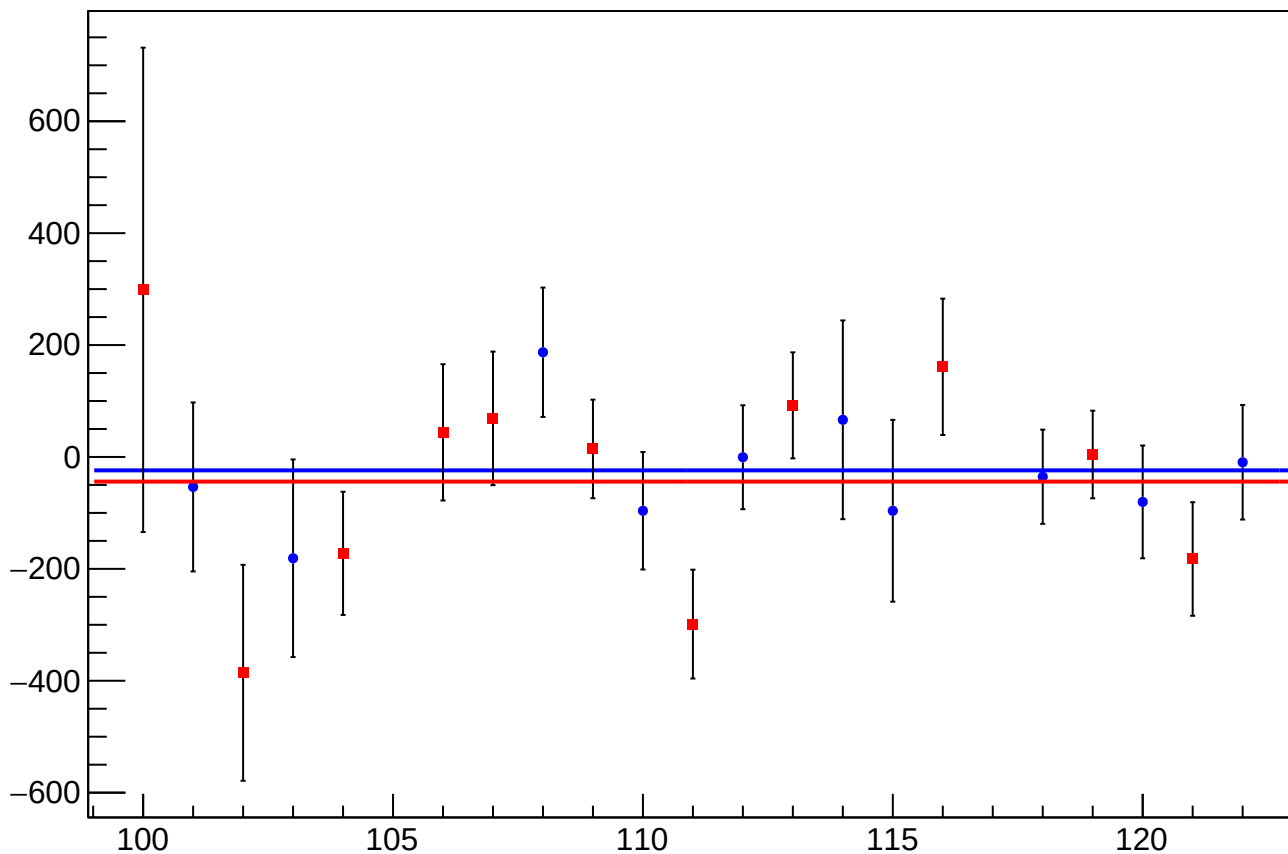
Right: 259.050+/-0.069 χ^2/NDF : 2912388.3/20

In: 271.181+/-0.104 χ^2/NDF :1314141.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 259.050+/-0.069 χ^2/NDF : 2912388.3/20

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: -44.024 $\pm$ 32.859 χ^2 /NDF: 21.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

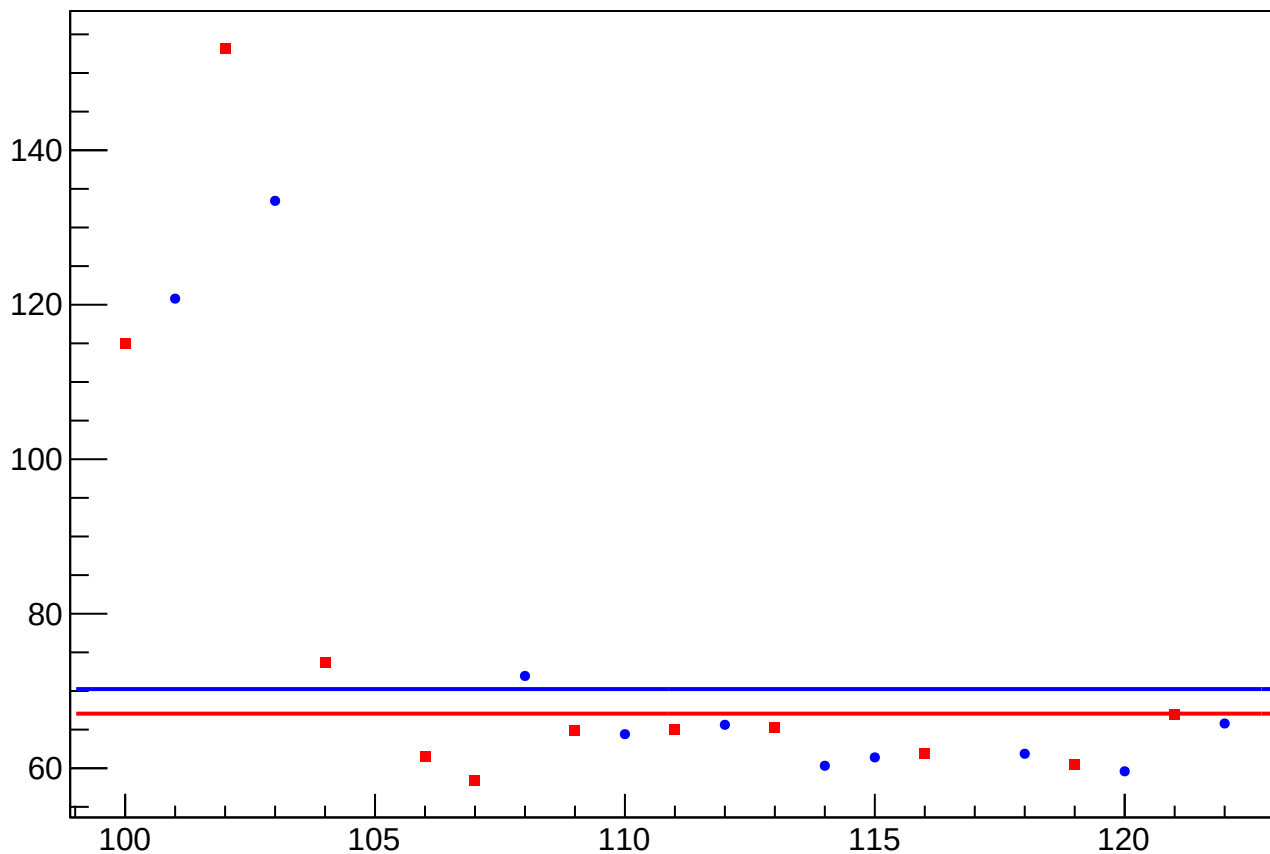
Right: -34.970 $\pm$ 24.338 χ^2 /NDF: 26.7/20

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: -34.970 $\pm$ 24.338 χ^2 /NDF: 26.7/20

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: 67.068+/-0.023 χ^2/NDF : 464631.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

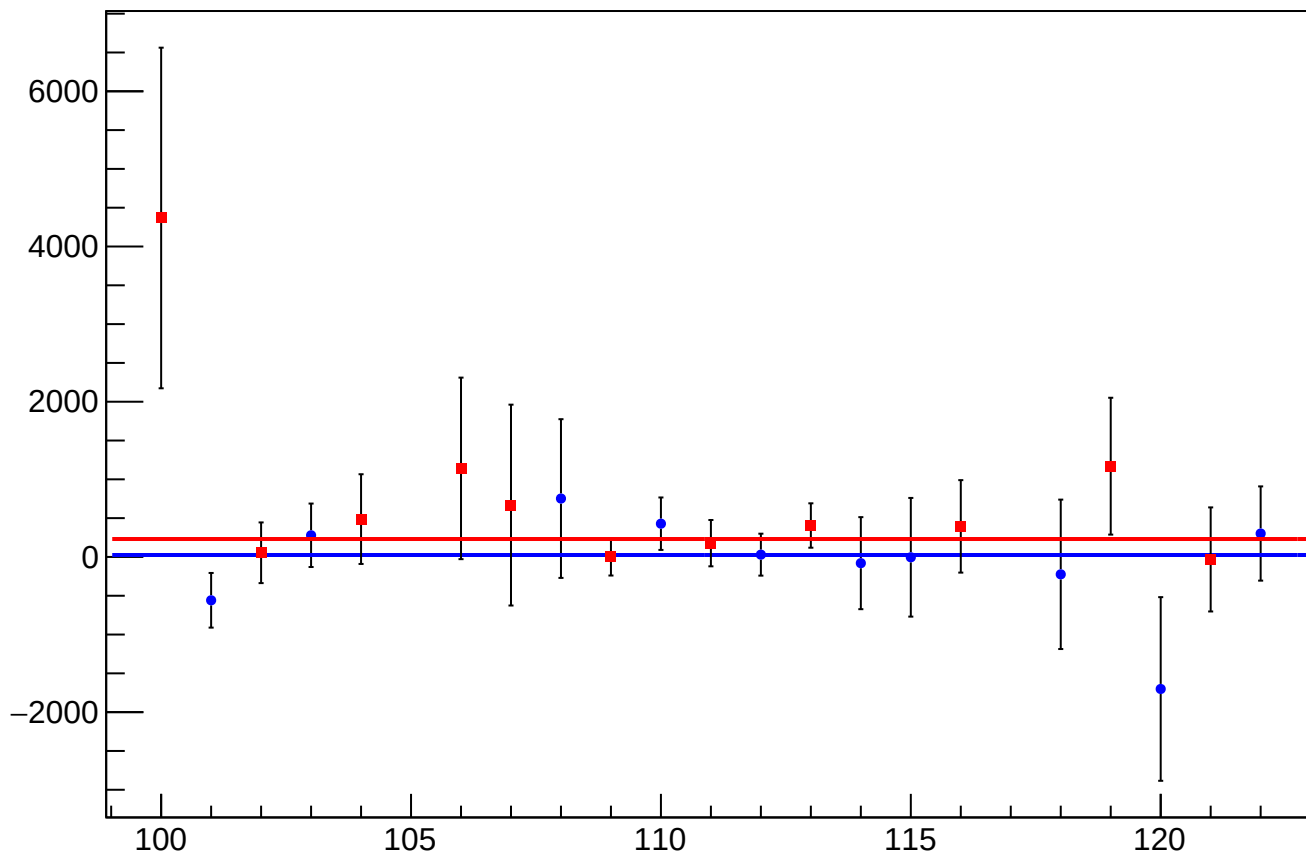
Right: 68.503+/-0.017 χ^2/NDF : 1022942.5/20

In: 70.247+/-0.026 χ^2/NDF : 549862.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.503+/-0.017 χ^2/NDF : 1022942.5/20

asym_sam7_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: 231.064+/-131.072 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

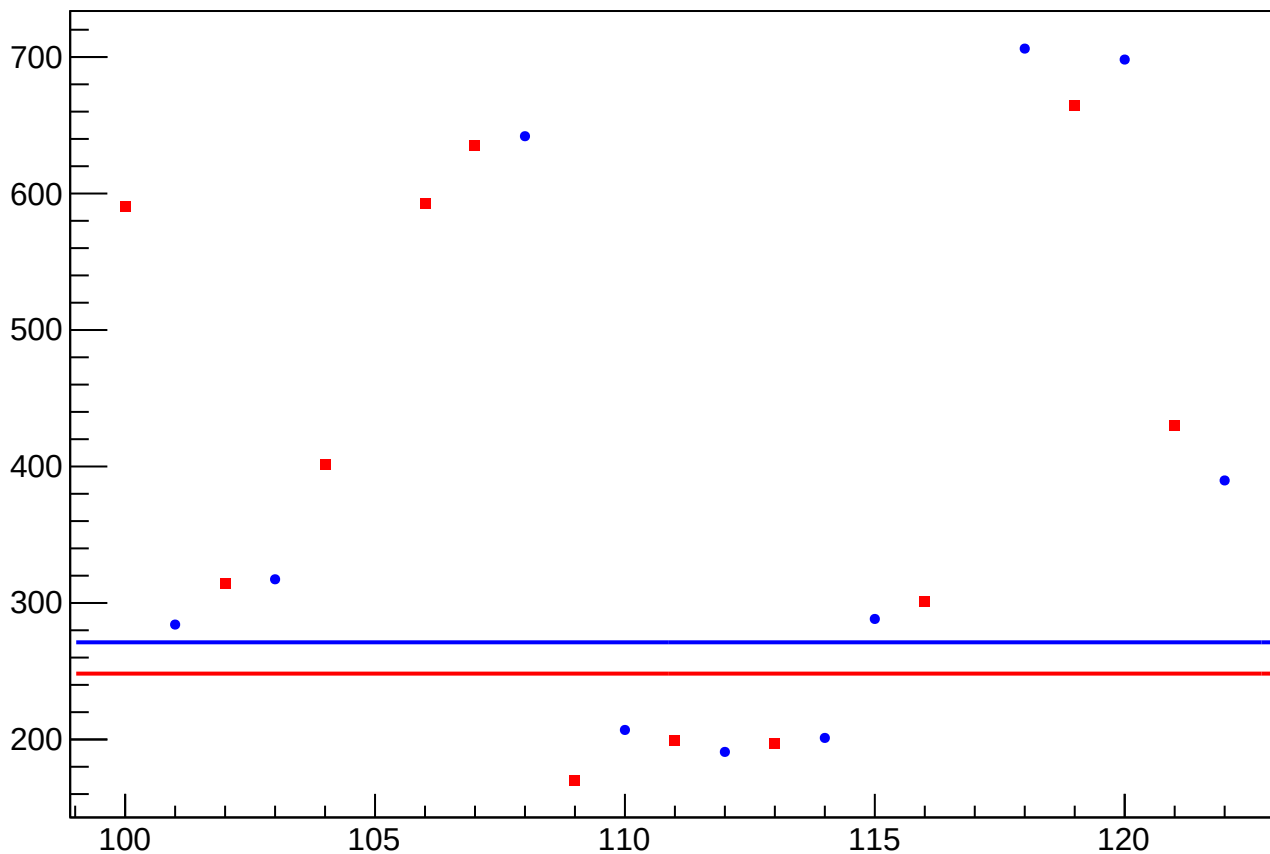
Right: 139.549+/-97.717 χ^2/NDF : 16.0/20

In: 25.041+/-146.615 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.549+/-97.717 χ^2/NDF : 16.0/20

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: 248.251+/-0.093 χ^2/NDF : 1538886.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

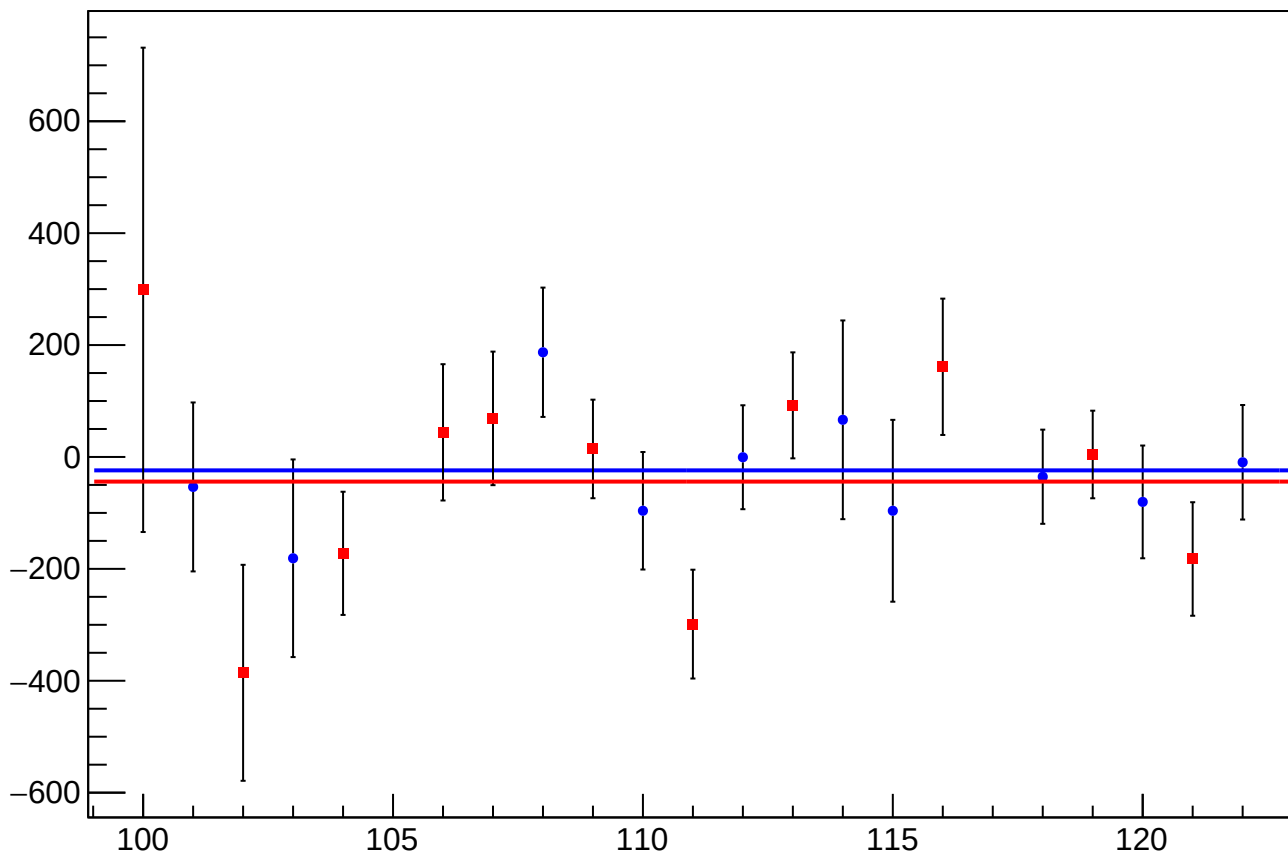
Right: 258.437+/-0.069 χ^2/NDF : 2880240.7/20

In: 271.183+/-0.104 χ^2/NDF :1314162.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 258.437+/-0.069 χ^2/NDF : 2880240.7/20

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: -44.024+/-32.859 χ^2/NDF : 21.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

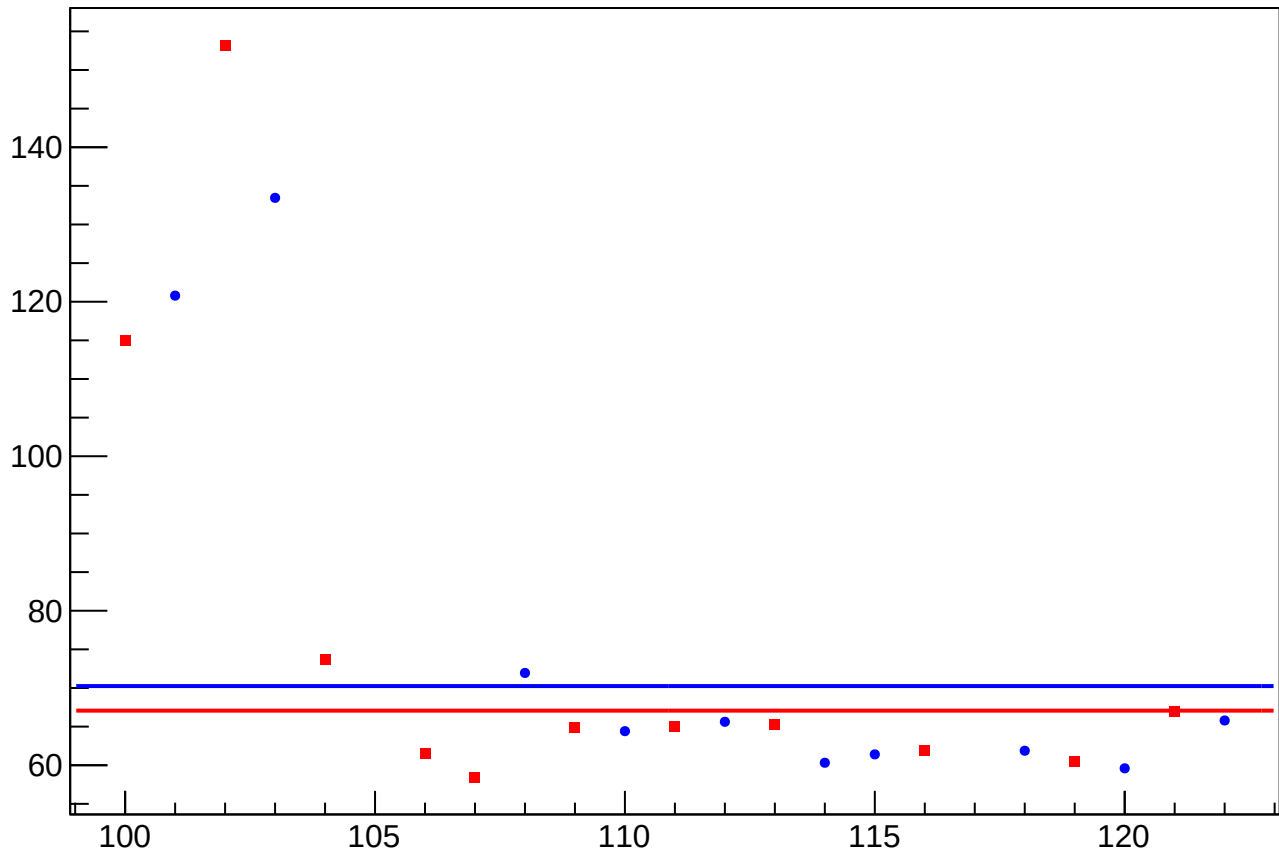
Right: -34.970+/-24.338 χ^2/NDF : 26.7/20

In: -23.967+/-36.223 χ^2/NDF :5.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -34.970+/-24.338 χ^2/NDF : 26.7/20

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: 67.068+/-0.023 χ^2/NDF : 464631.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

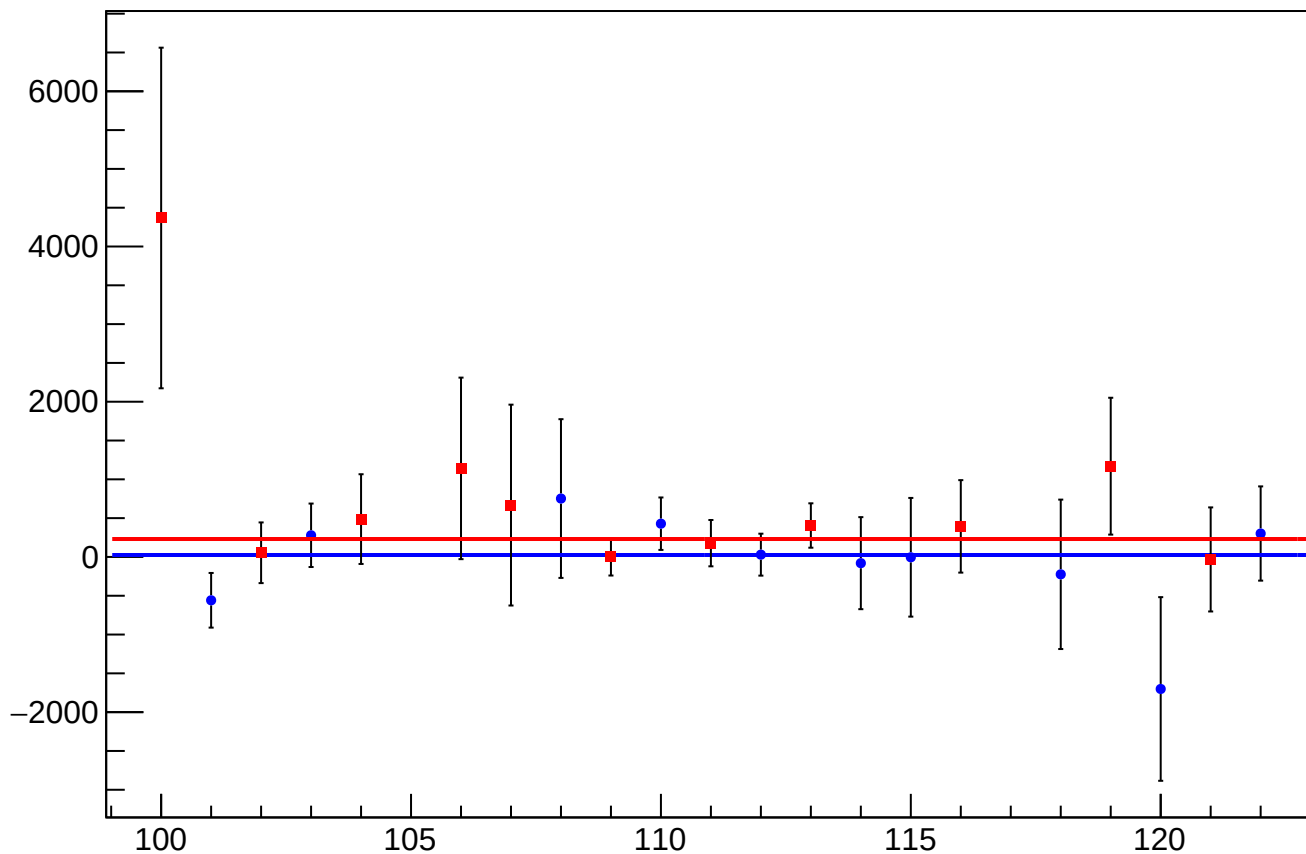
Right: 68.503+/-0.017 χ^2/NDF : 1022942.5/20

In: 70.247+/-0.026 χ^2/NDF : 549862.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.503+/-0.017 χ^2/NDF : 1022942.5/20

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: 231.064+/-131.072 χ^2/NDF : 7.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

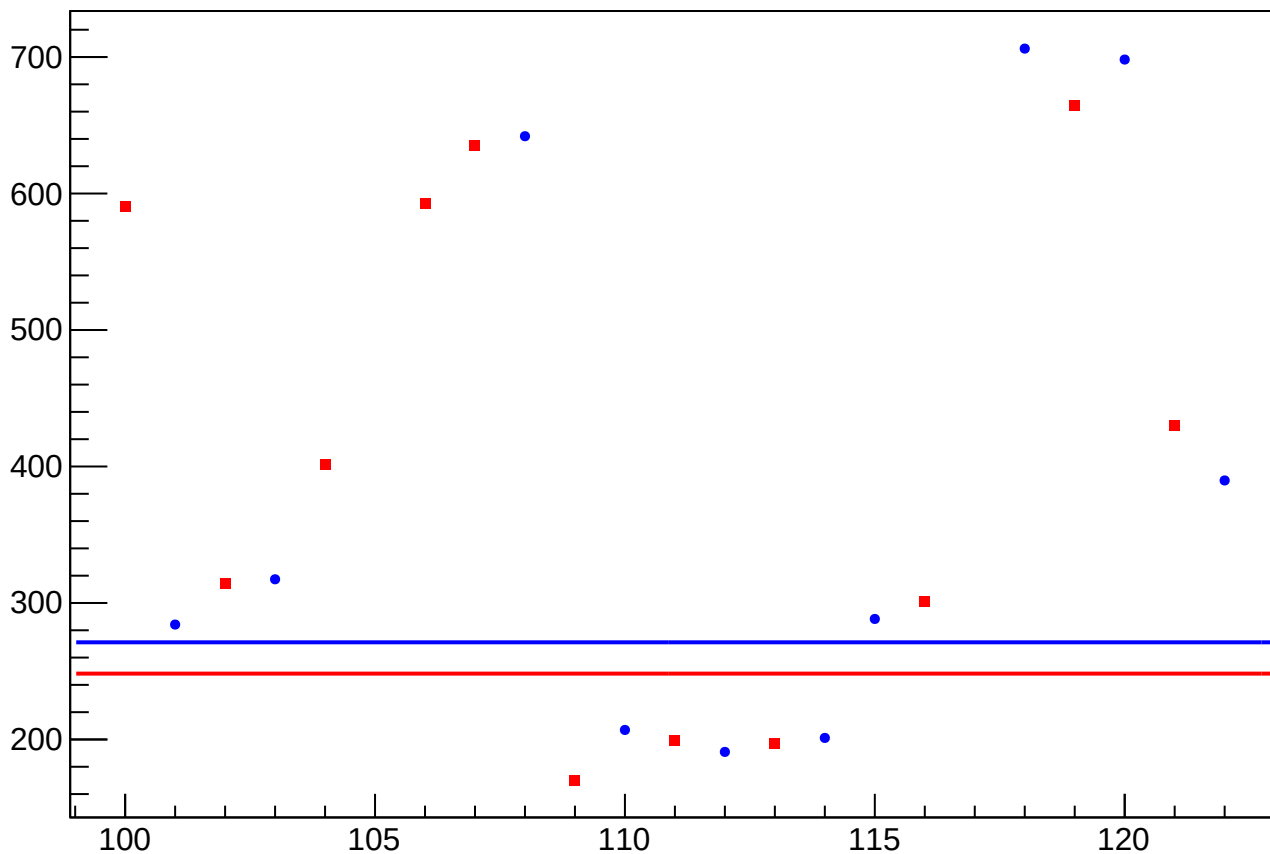
Right: 139.549+/-97.717 χ^2/NDF : 16.0/20

In: 25.041+/-146.615 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.549+/-97.717 χ^2/NDF : 16.0/20

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: 248.251+/-0.093 χ^2/NDF : 1538886.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

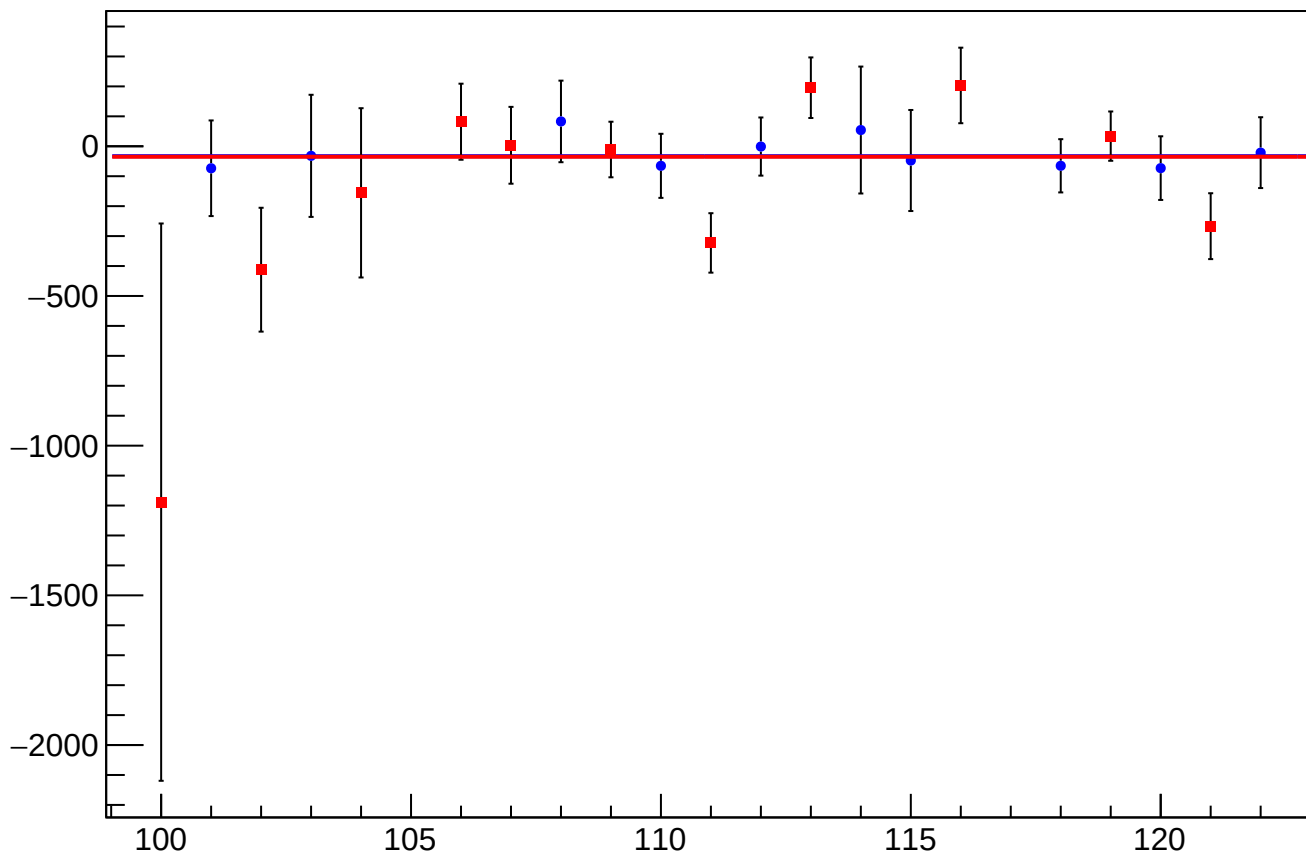
Right: 258.437+/-0.069 χ^2/NDF : 2880240.7/20

In: 271.183+/-0.104 χ^2/NDF :1314162.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 258.437+/-0.069 χ^2/NDF : 2880240.7/20

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: -34.963+/-36.085 χ^2/NDF : 28.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

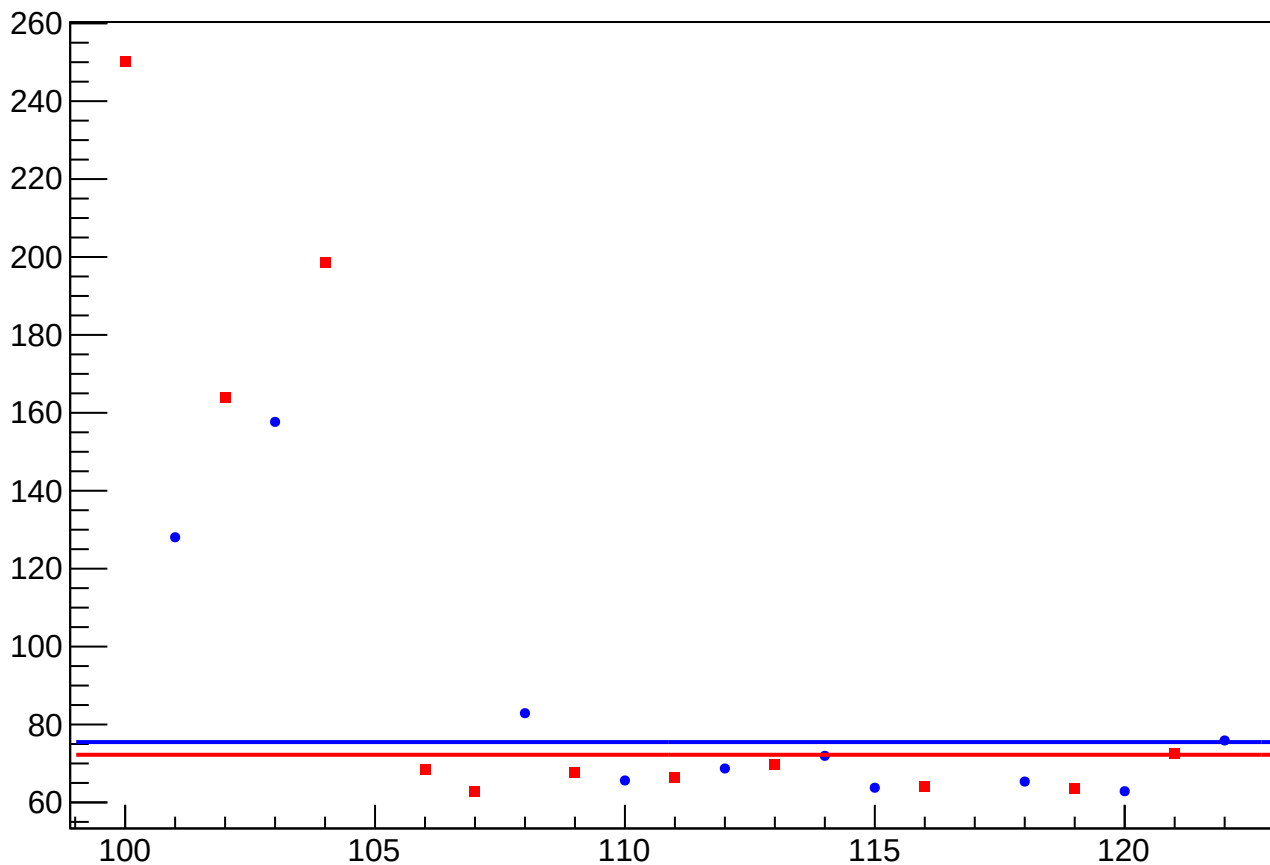
Right: -34.113+/-26.516 χ^2/NDF : 29.8/20

In: -33.116+/-39.093 χ^2/NDF : 1.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.113+/-26.516 χ^2/NDF : 29.8/20

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: 72.231+/-0.026 χ^2/NDF : 921950.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

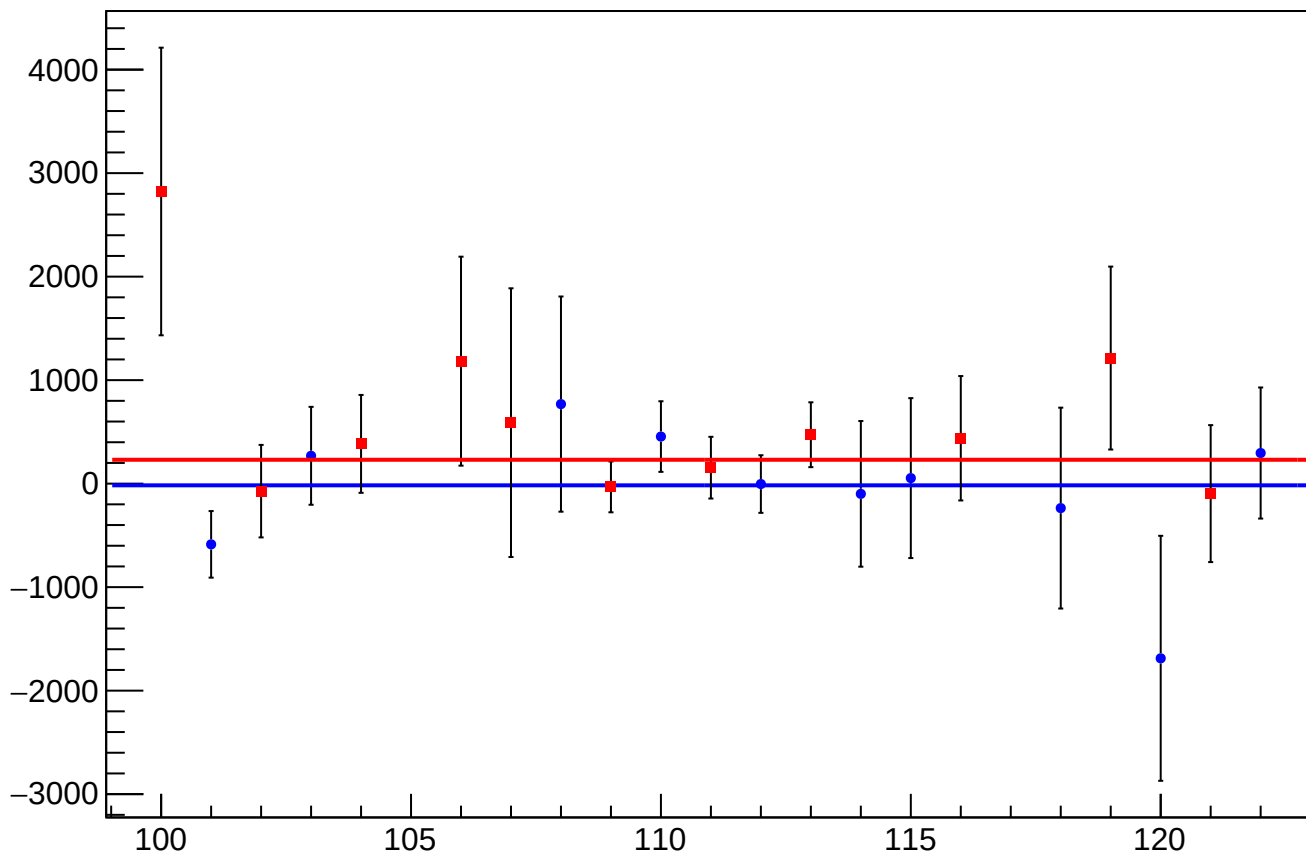
Right: 73.729+/-0.019 χ^2/NDF : 1568023.0/20

In: 75.488+/-0.028 χ^2/NDF : 638573.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.729+/-0.019 χ^2/NDF : 1568023.0/20

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: 230.621±/-133.694 χ^2/NDF : 8.4/10

Left In: 0.000±/-0.000 χ^2/NDF :0.0/0

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

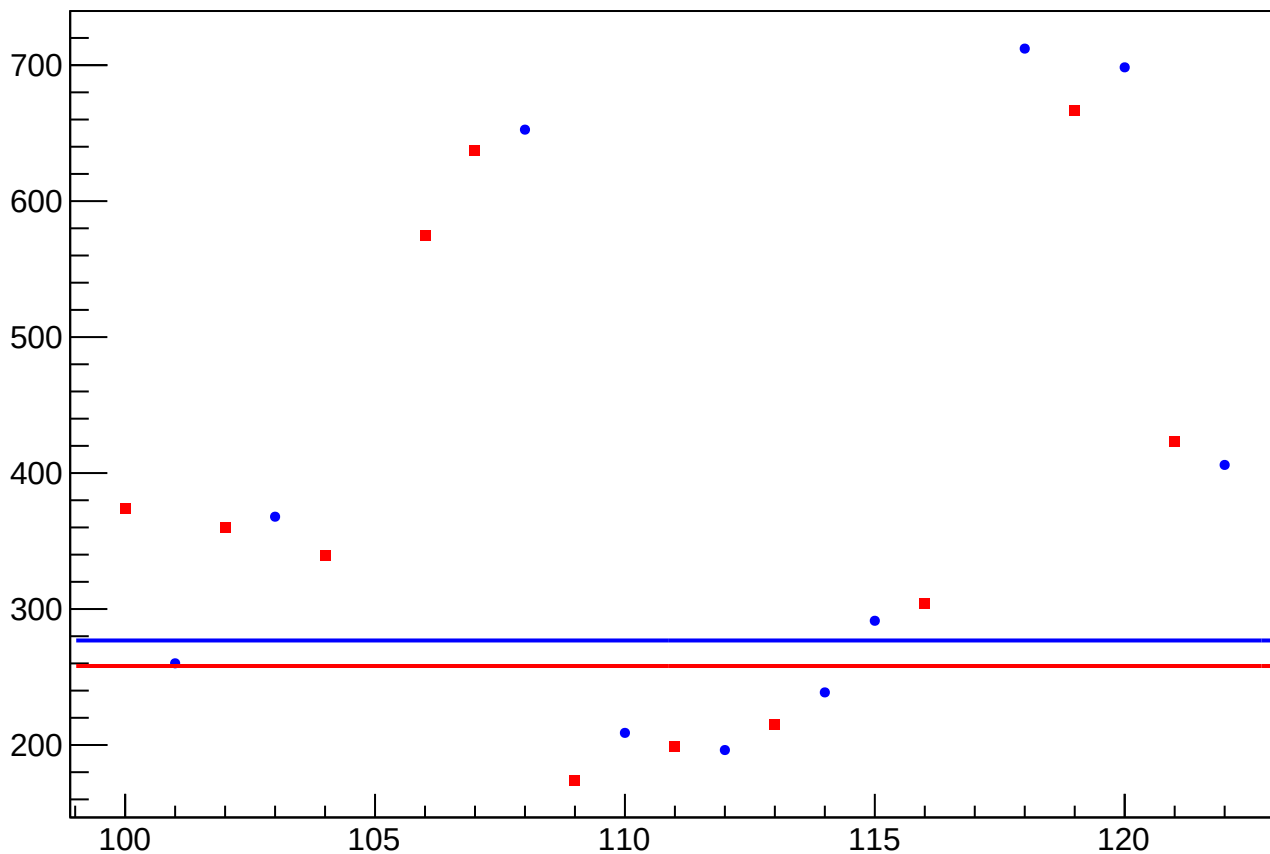
Right: 121.189±/-99.759 χ^2/NDF : 18.2/20

In: -16.276±/-149.843 χ^2/NDF :8.3/9

Out: 0.000±/-0.000 χ^2/NDF :0.0/0

All: 121.189±/-99.759 χ^2/NDF : 18.2/20

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: 258.095+/-0.095 χ^2/NDF : 1458718.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

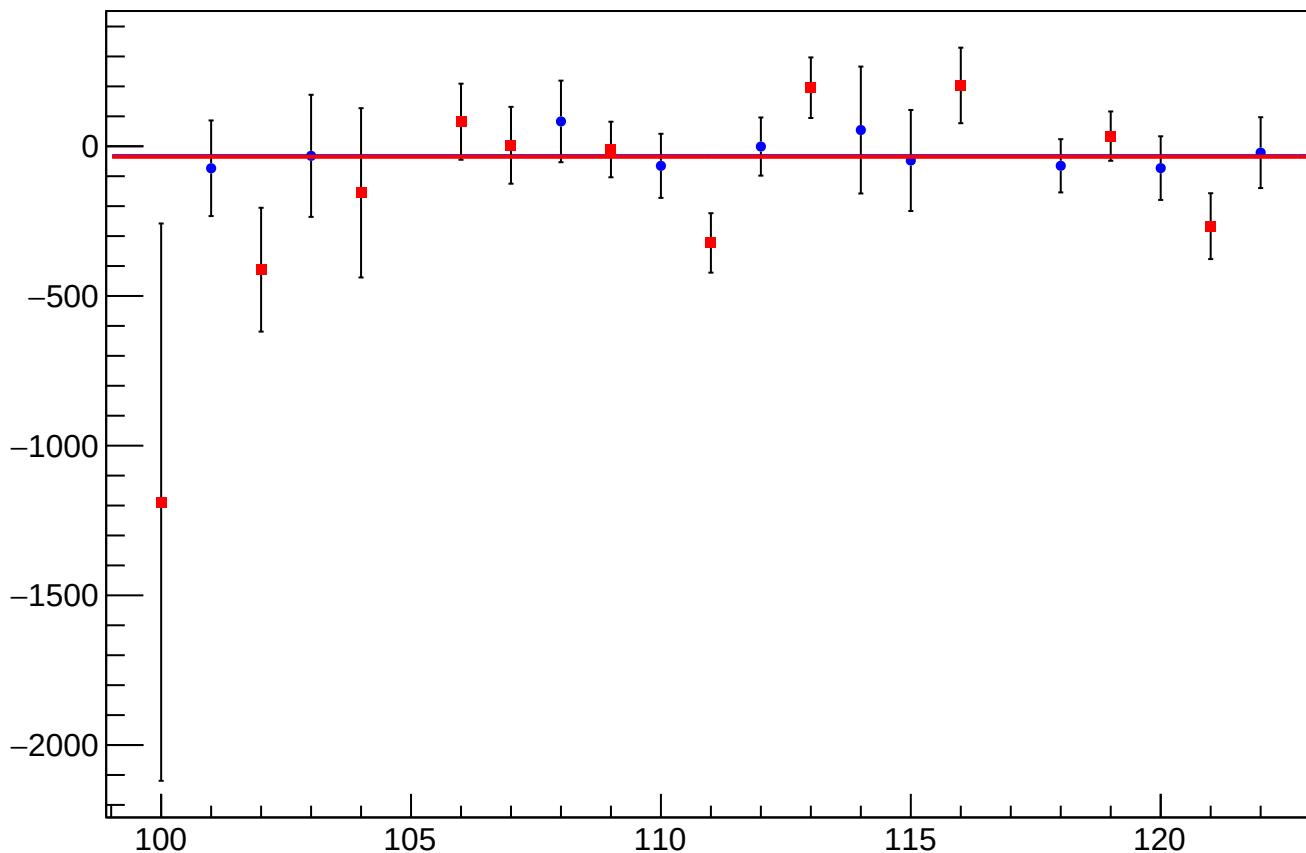
Right: 266.417+/-0.071 χ^2/NDF : 2809979.2/20

In: 276.871+/-0.106 χ^2/NDF :1333777.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 266.417+/-0.071 χ^2/NDF : 2809979.2/20

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: -34.964+/-36.085 χ^2/NDF : 28.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

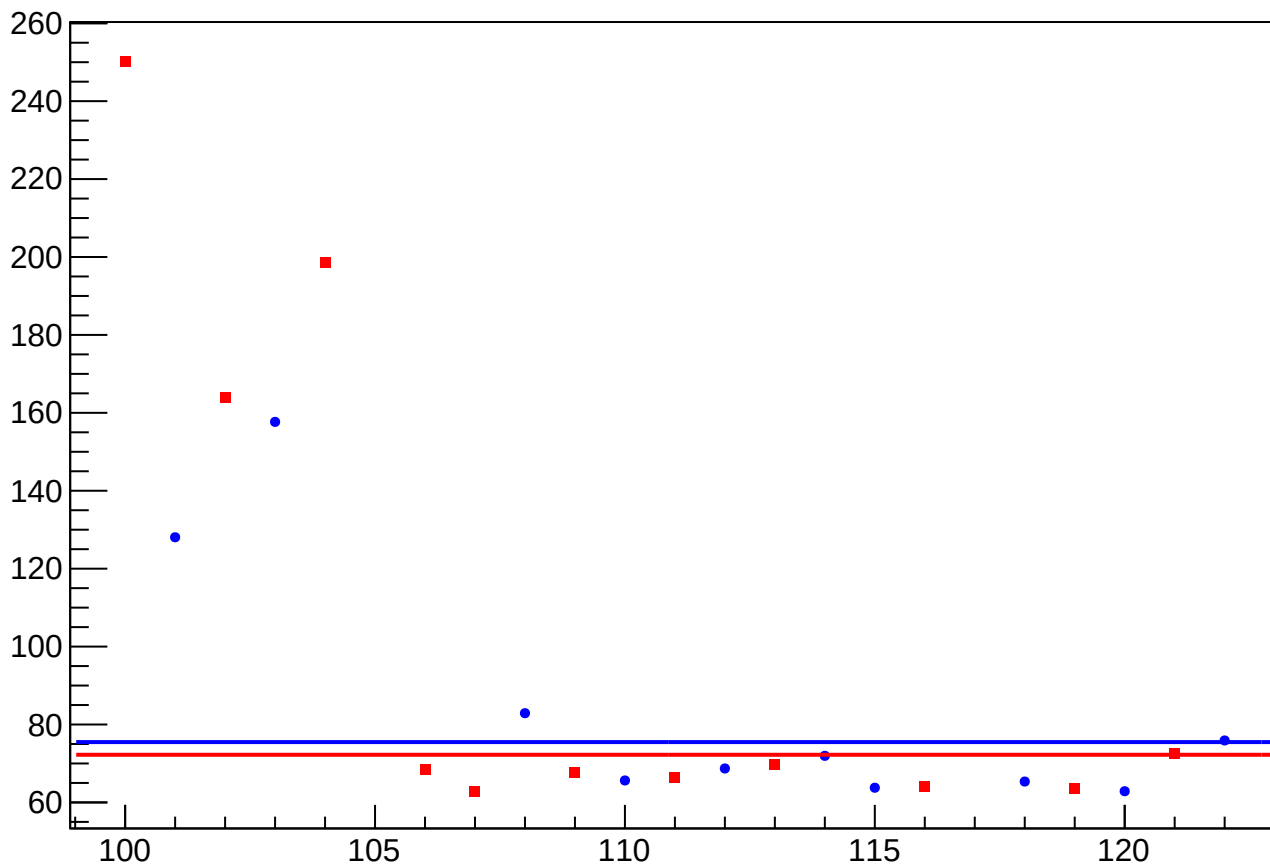
Right: -34.114+/-26.516 χ^2/NDF : 29.8/20

In: -33.115+/-39.093 χ^2/NDF :1.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -34.114+/-26.516 χ^2/NDF : 29.8/20

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: 72.230+/-0.026 χ^2/NDF : 921950.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

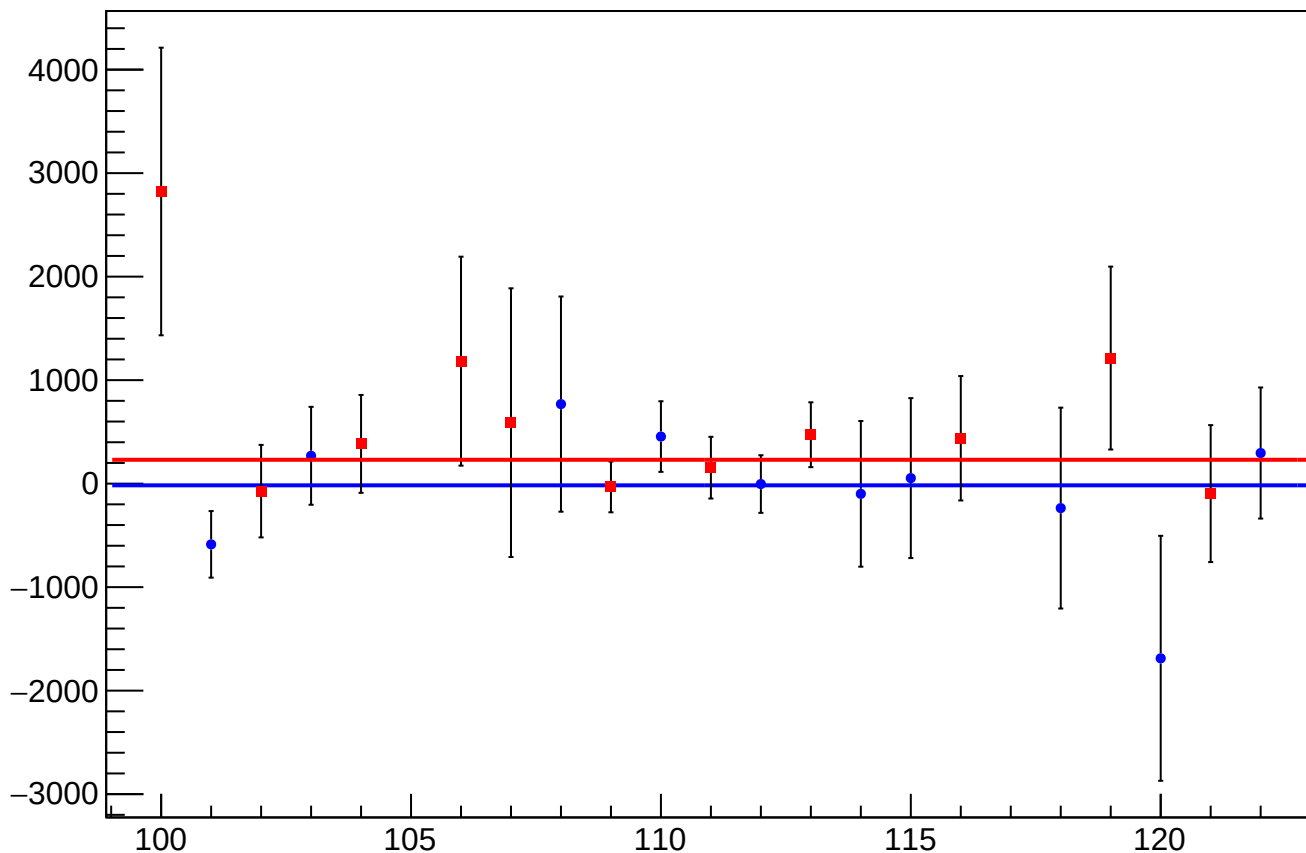
Right: 73.729+/-0.019 χ^2/NDF : 1568025.0/20

In: 75.488+/-0.028 χ^2/NDF : 638575.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.729+/-0.019 χ^2/NDF : 1568025.0/20

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: 230.620+/-133.694 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

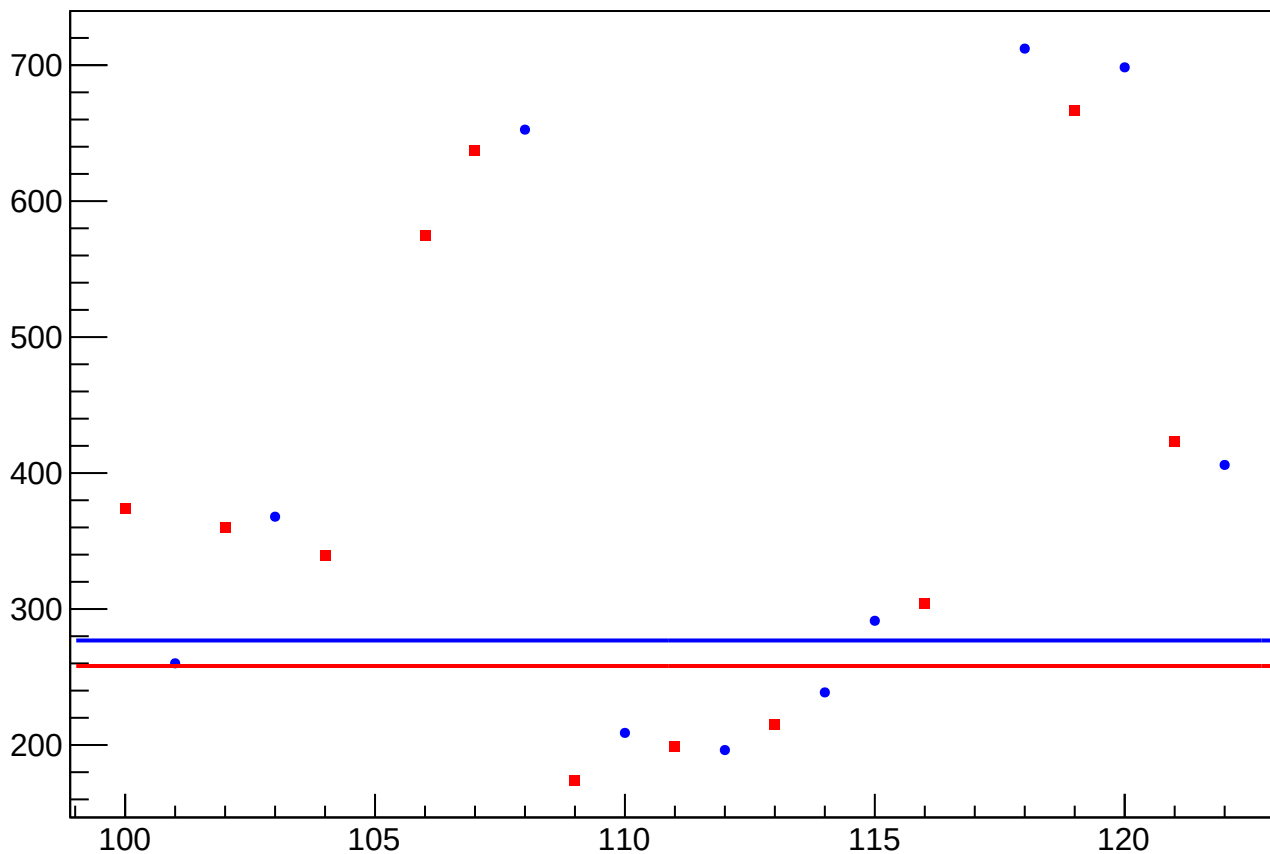
Right: 121.188+/-99.758 χ^2/NDF : 18.2/20

In: -16.276+/-149.842 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.188+/-99.758 χ^2/NDF : 18.2/20

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: 258.094+/-0.095 χ^2/NDF : 1458724.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

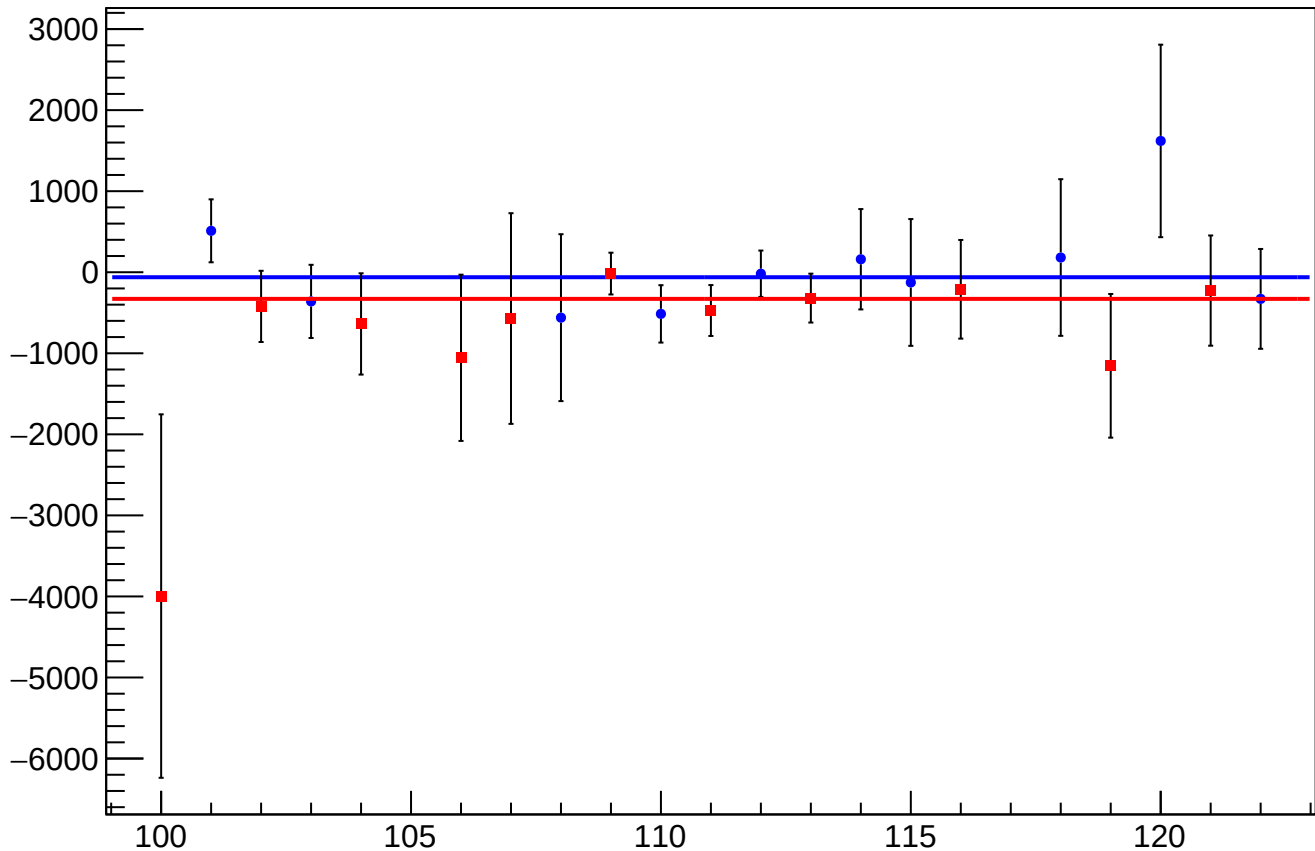
Right: 266.415+/-0.071 χ^2/NDF : 2810000.8/20

In: 276.868+/-0.106 χ^2/NDF : 1333794.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.415+/-0.071 χ^2/NDF : 2810000.8/20

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: -328.727 ± 138.919 χ^2/NDF : 6.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

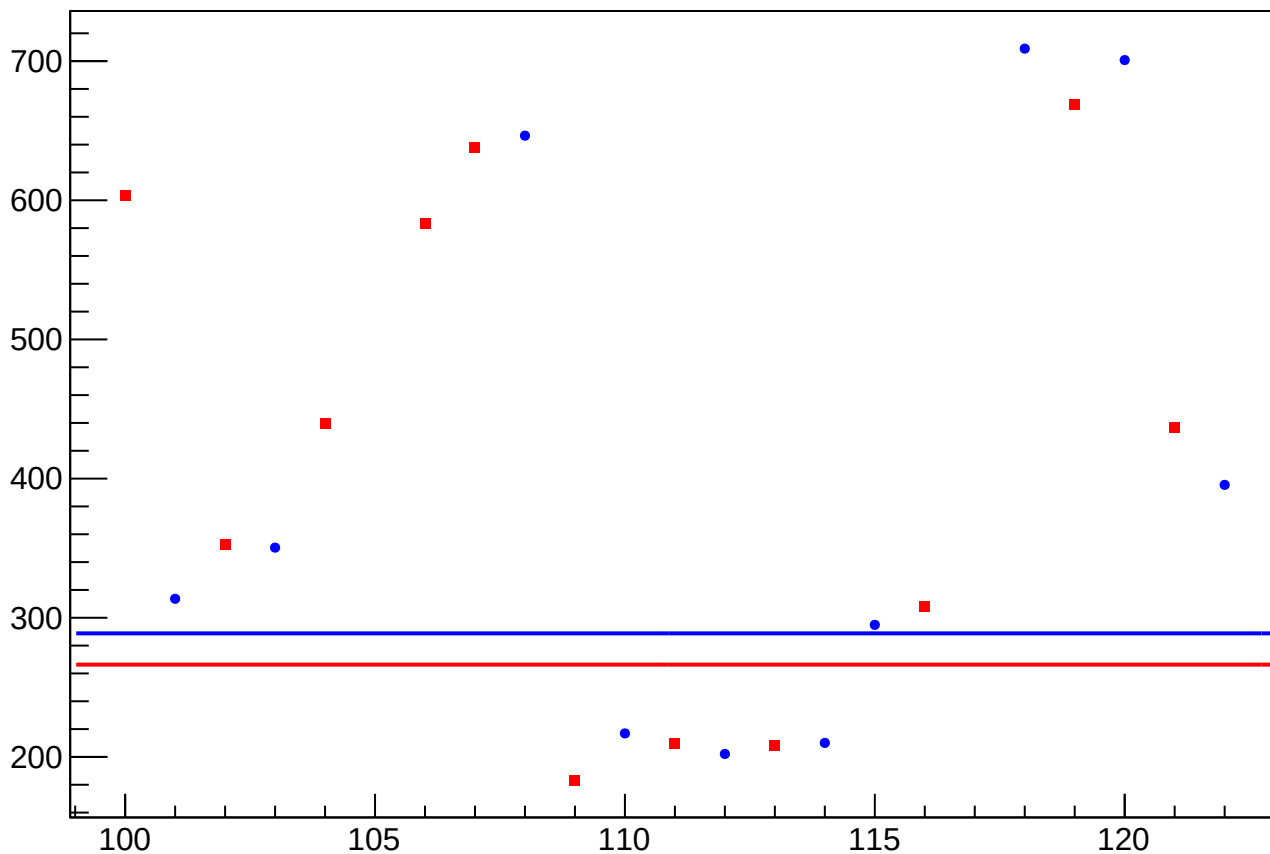
Right: -210.162 ± 103.606 χ^2/NDF : 14.6/20

In: -61.557 ± 155.526 χ^2/NDF : 6.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -210.162 ± 103.606 χ^2/NDF : 14.6/20

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: 266.325+/-0.098 χ^2/NDF : 1525788.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

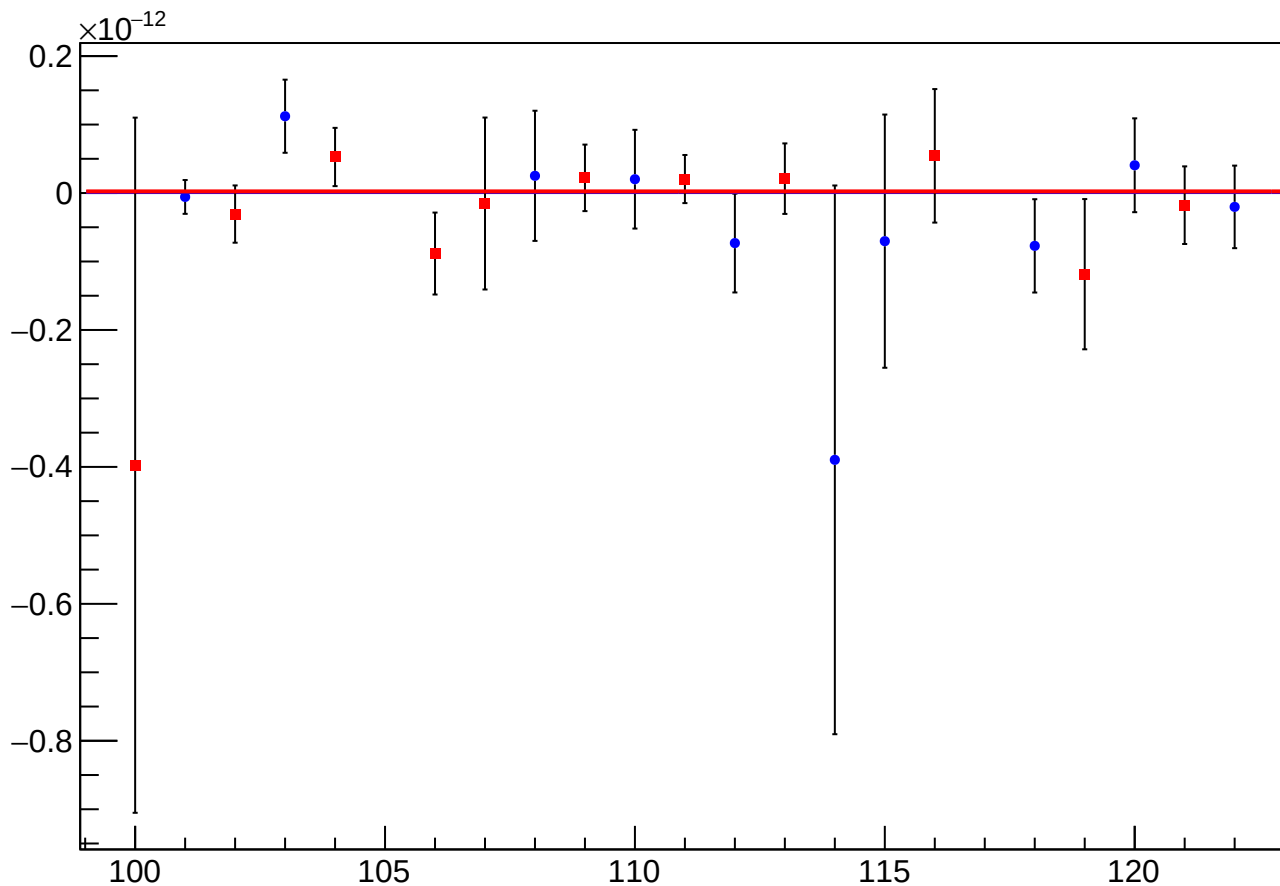
Right: 276.295+/-0.073 χ^2/NDF : 2813028.8/20

In: 288.790+/-0.110 χ^2/NDF :1264030.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 276.295+/-0.073 χ^2/NDF : 2813028.8/20

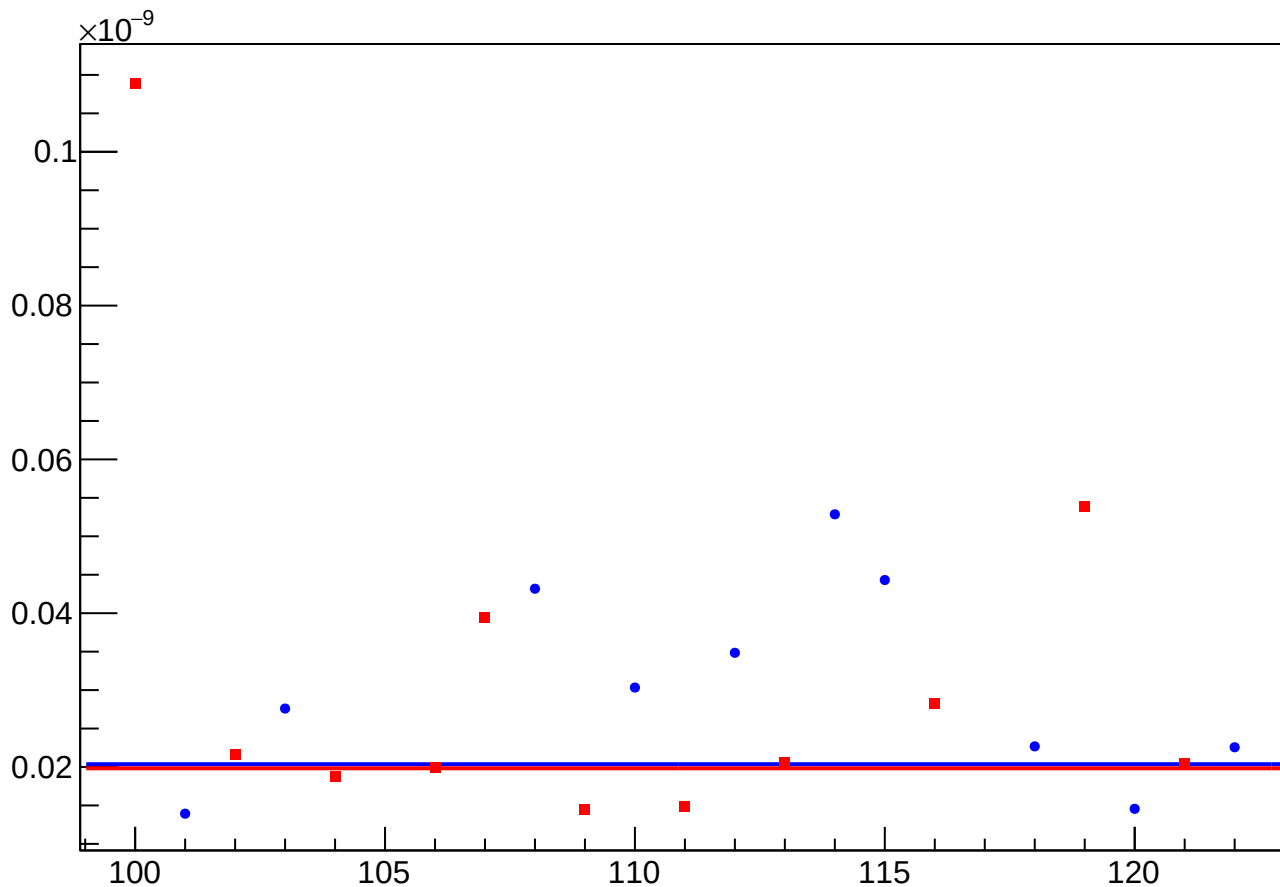
asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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: 7.1/10
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 15.6/20
 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: 15.6/20

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 : 386959.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

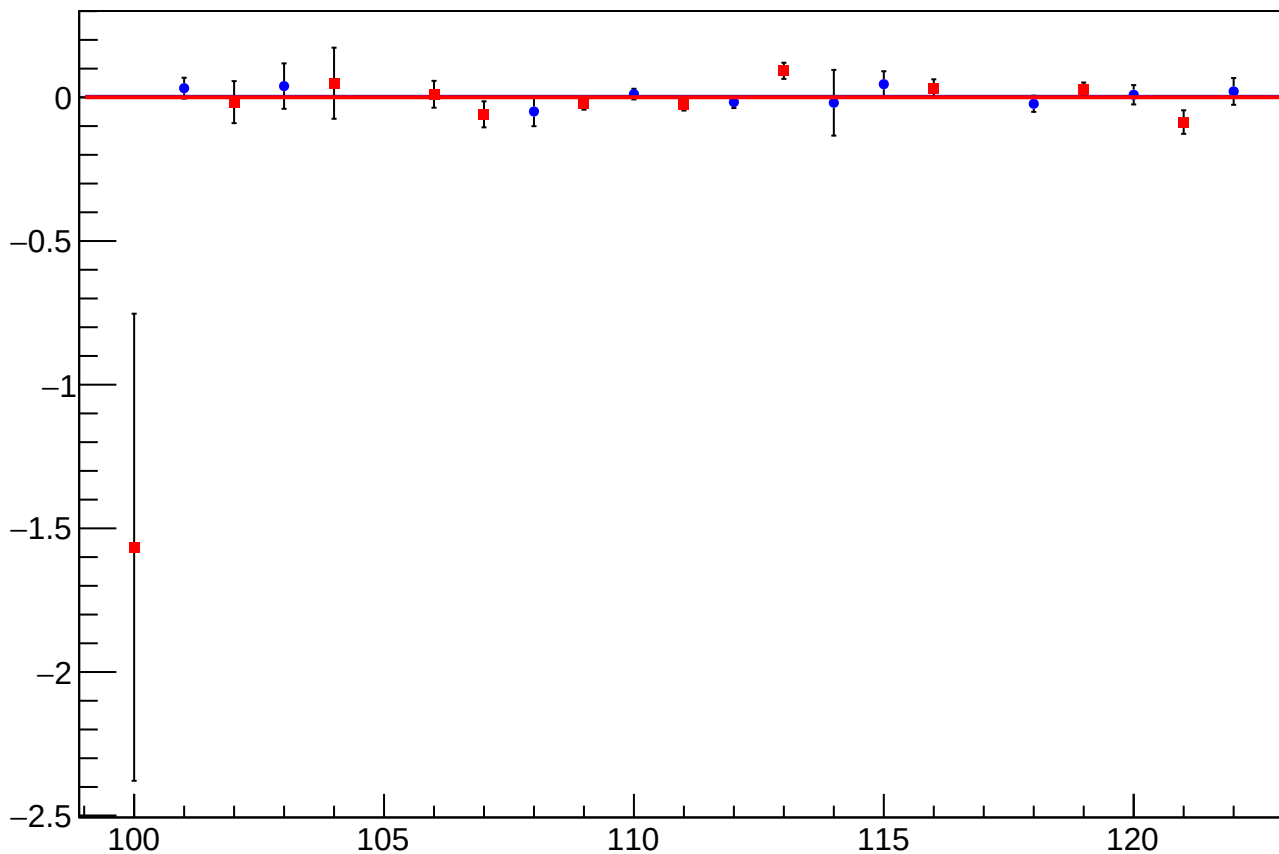
Right: 0.000+/-0.000 χ^2/NDF : 860601.1/20

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 : 860601.1/20

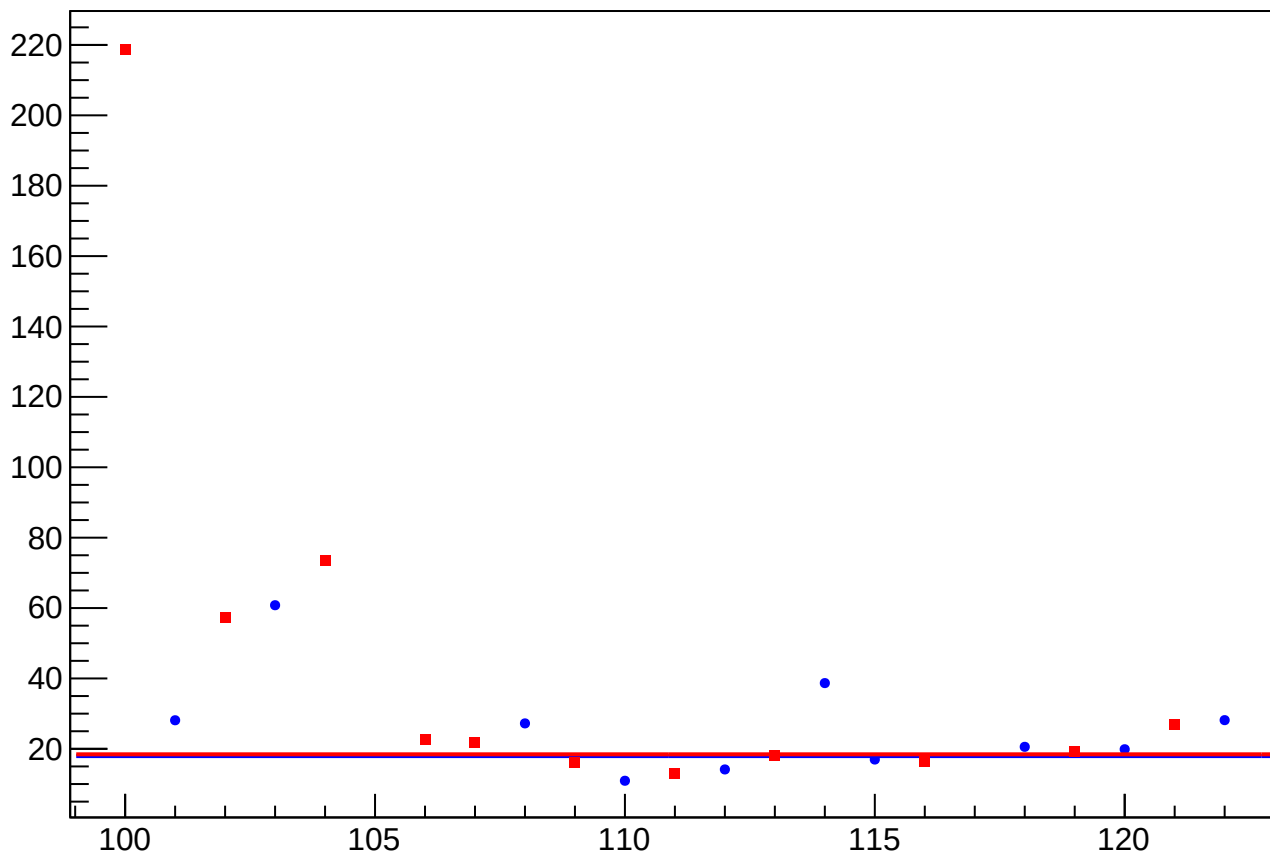
asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: 25.4/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.001 $\pm$ 0.007 χ^2 /NDF: 30.3/20
 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: 30.3/20

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: 18.445+/-0.007 χ^2/NDF : 1381493.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

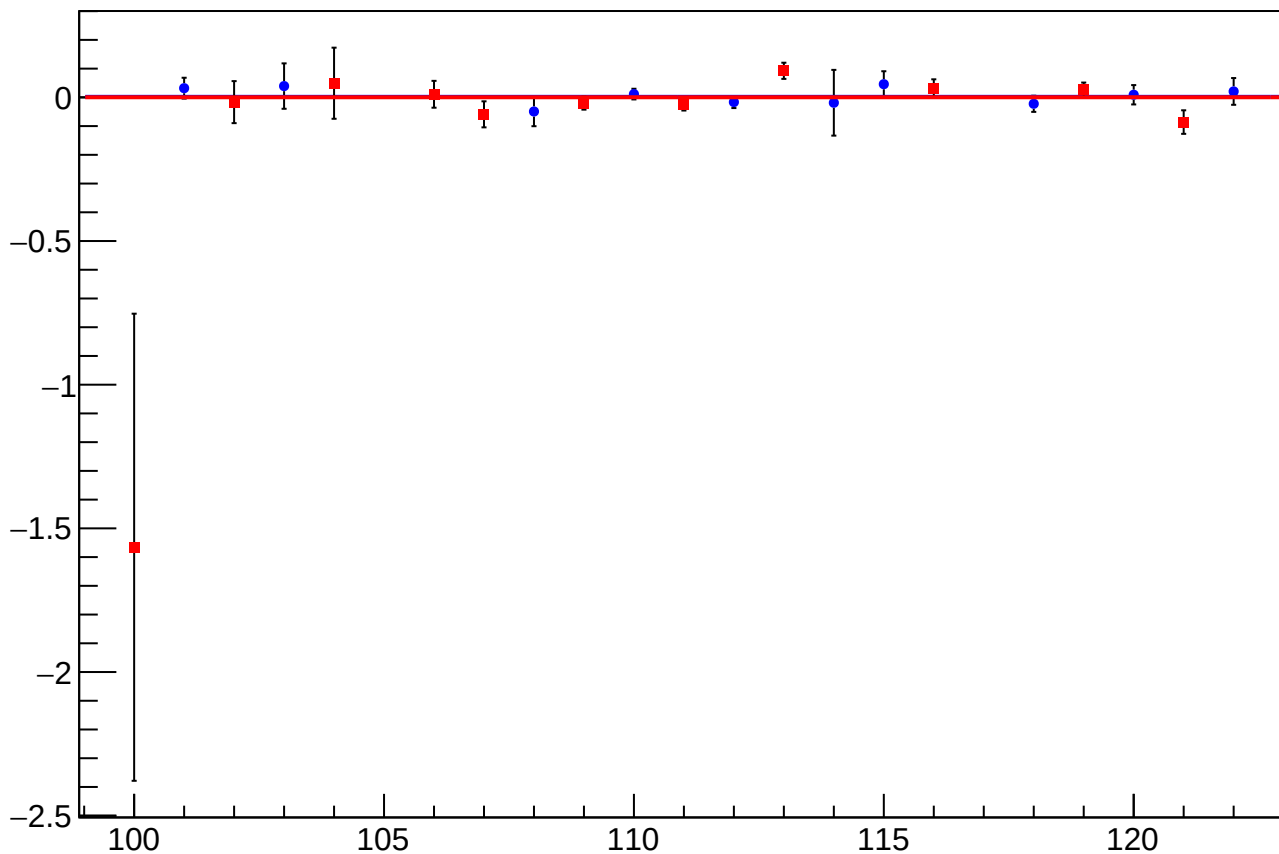
Right: 18.197+/-0.005 χ^2/NDF : 2733847.1/20

In: 17.939+/-0.007 χ^2/NDF : 1349822.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.197+/-0.005 χ^2/NDF : 2733847.1/20

asym_sam7_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: 25.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

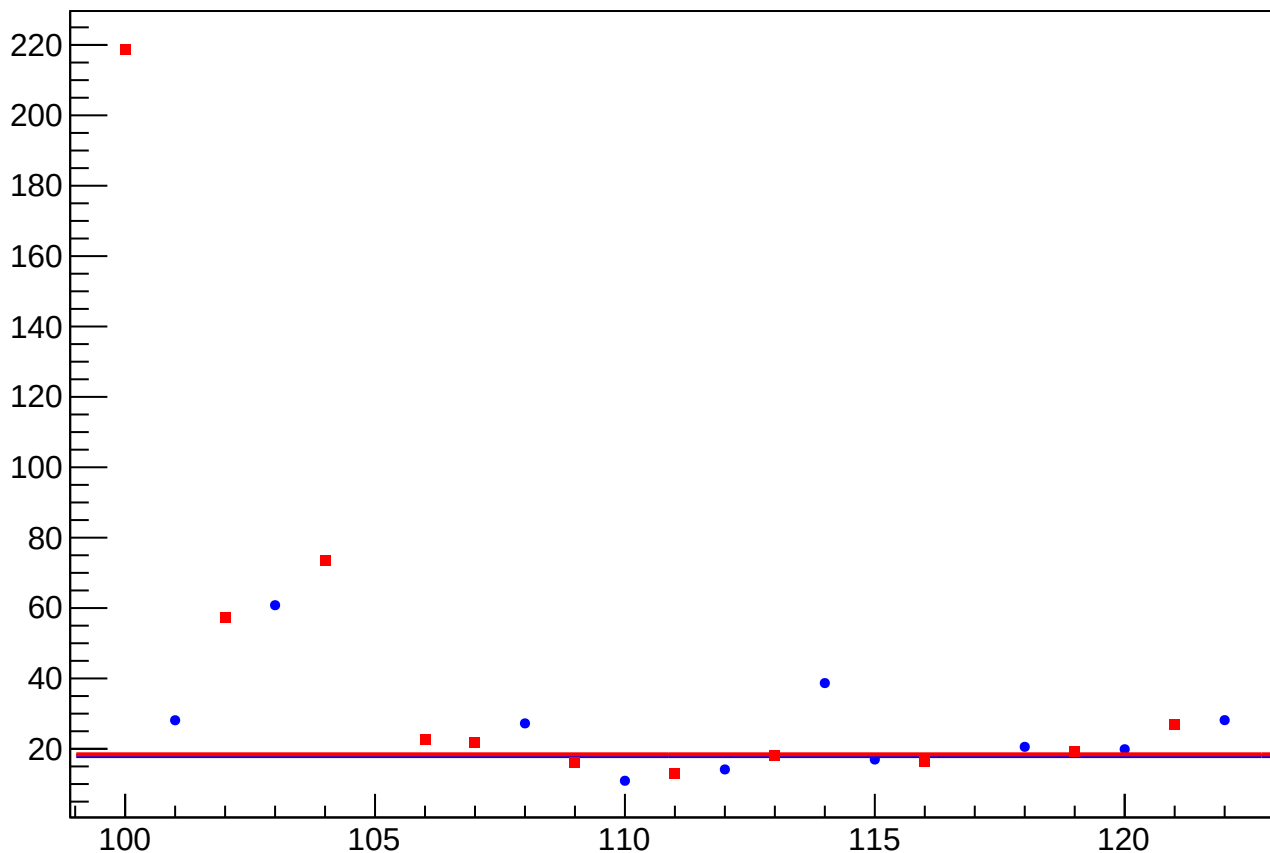
Right: 0.001 $\pm$ 0.007 χ^2 /NDF: 30.3/20

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: 30.3/20

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: 18.445+/-0.007 χ^2/NDF : 1381493.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

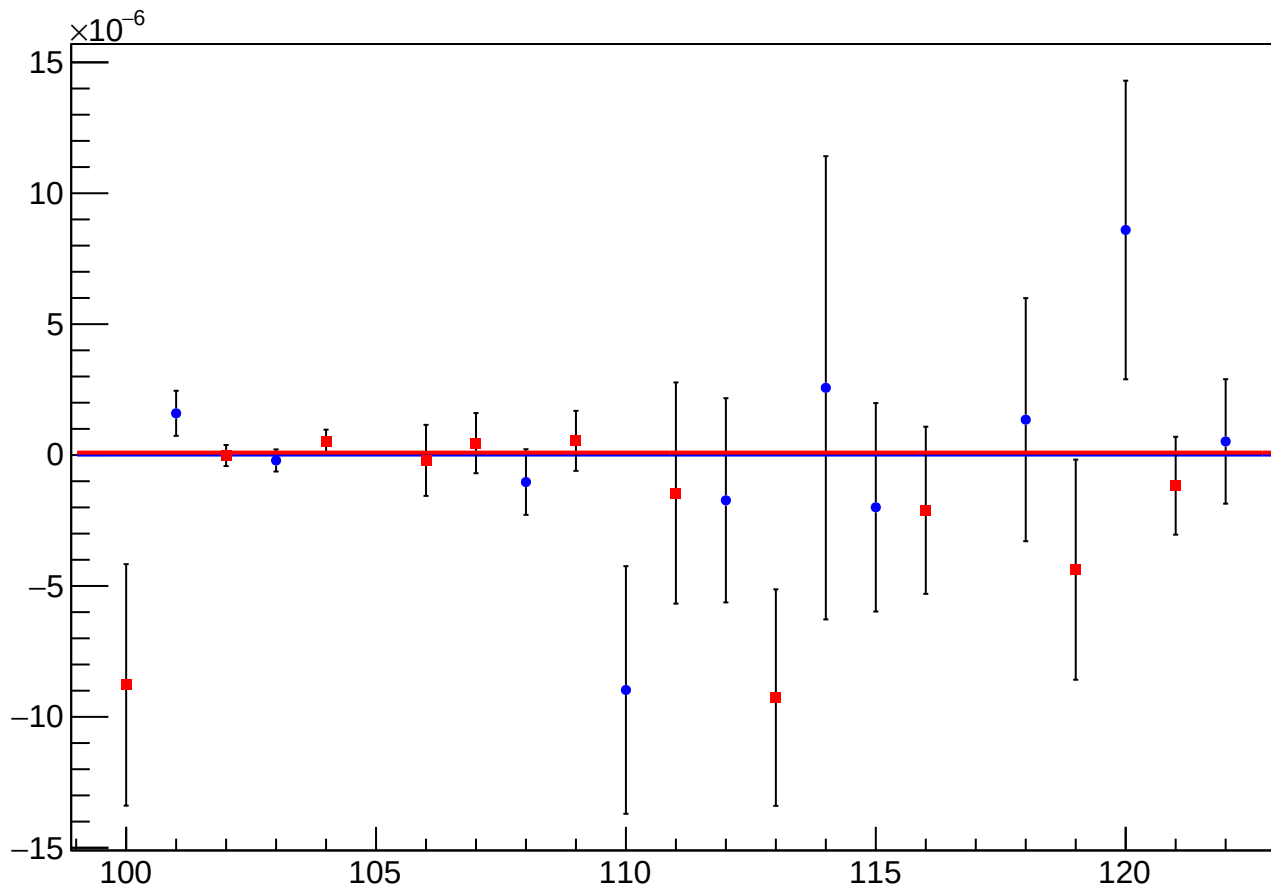
Right: 18.197+/-0.005 χ^2/NDF : 2733847.1/20

In: 17.939+/-0.007 χ^2/NDF :1349822.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.197+/-0.005 χ^2/NDF : 2733847.1/20

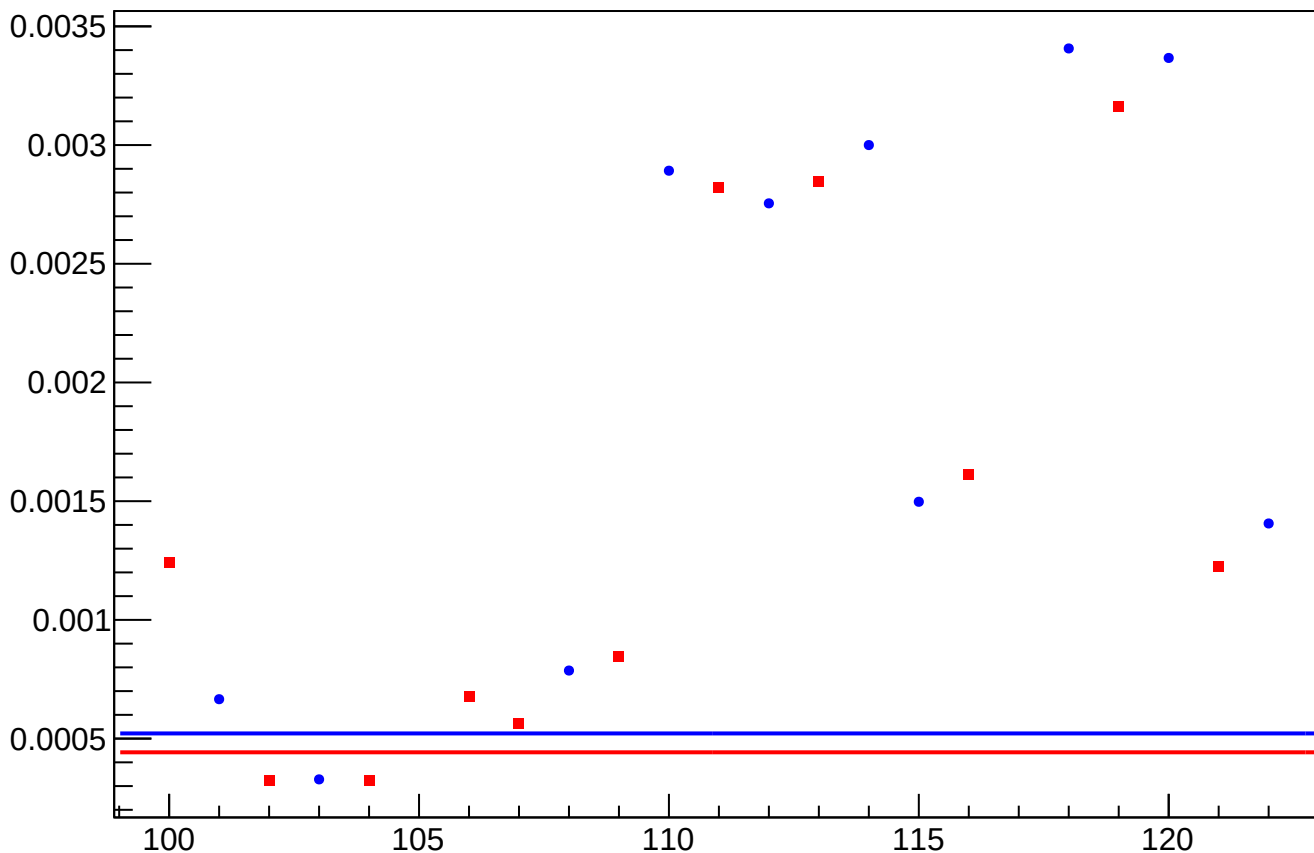
asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 12.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 23.2/20
 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 : 23.2/20

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 : 3471483.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

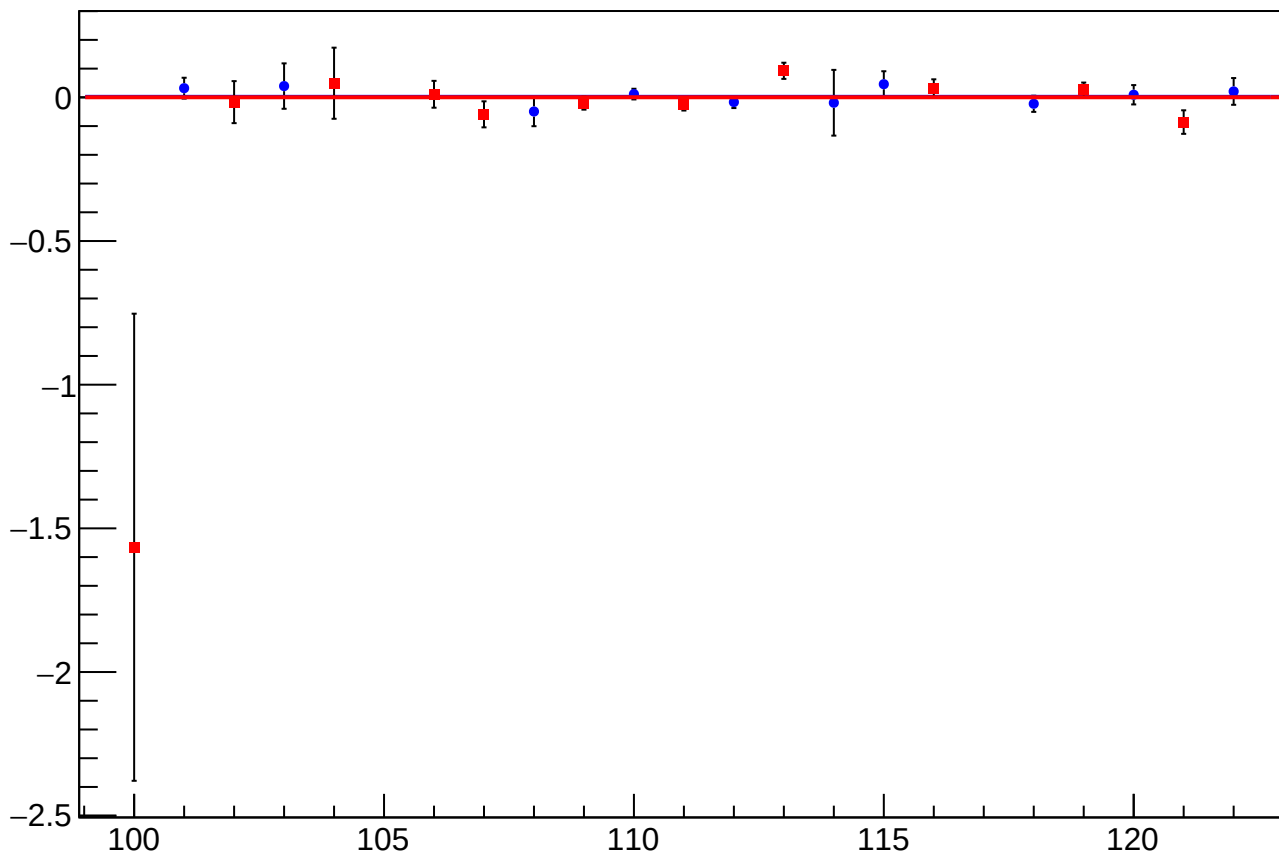
Right: 0.000+/-0.000 χ^2/NDF : 7083841.4/20

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 : 7083841.4/20

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 : 25.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

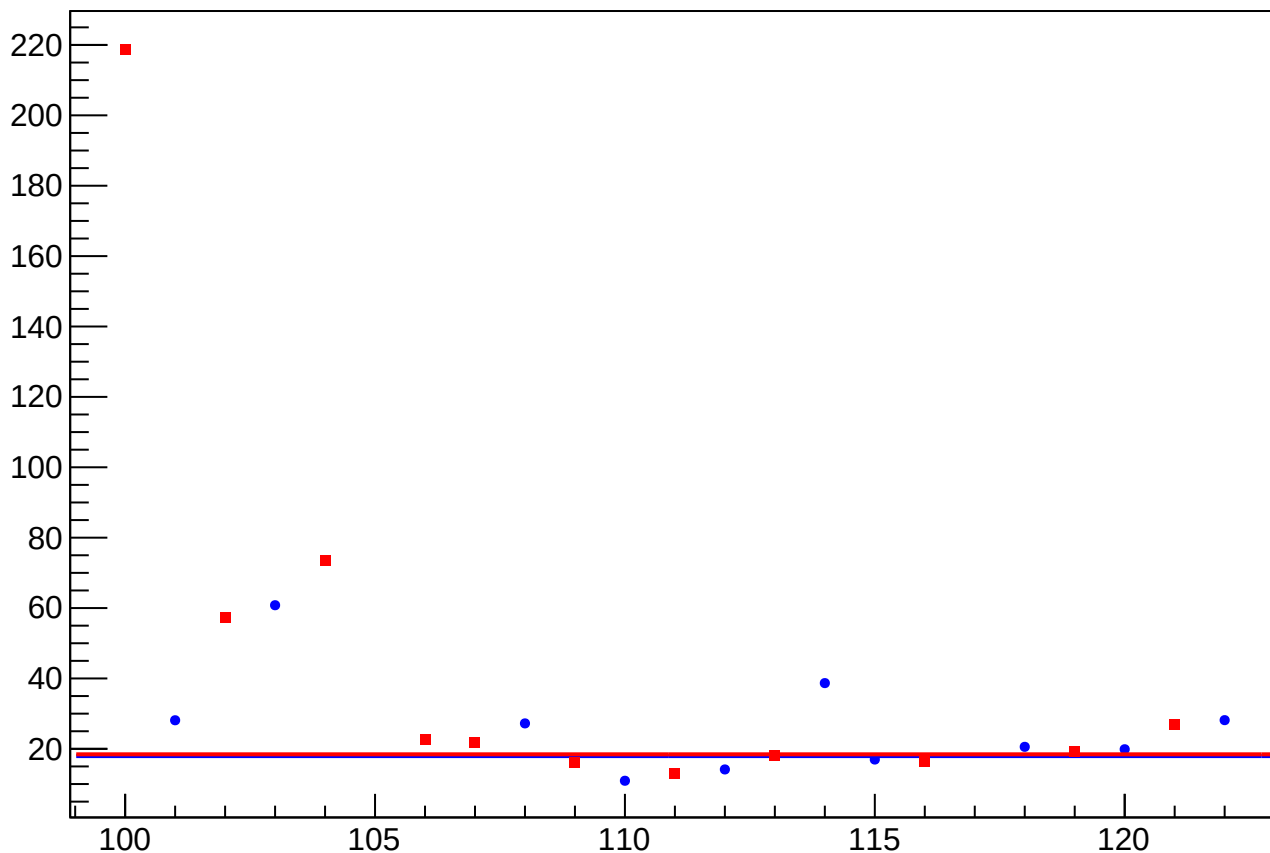
Right: 0.001+/-0.007 χ^2/NDF : 30.3/20

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 : 30.3/20

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: 18.445+/-0.007 χ^2/NDF : 1381445.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

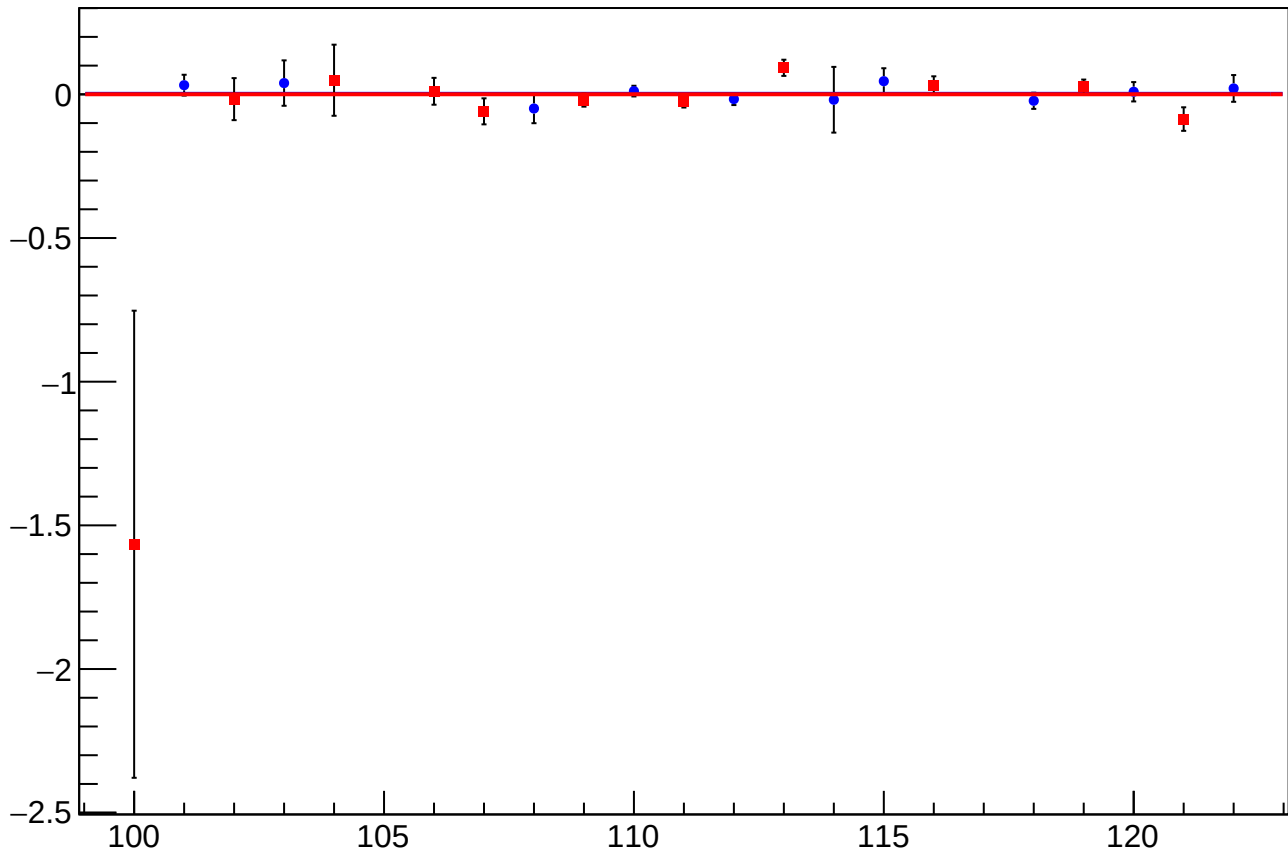
Right: 18.198+/-0.005 χ^2/NDF : 2733685.7/20

In: 17.939+/-0.007 χ^2/NDF : 1349712.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.198+/-0.005 χ^2/NDF : 2733685.7/20

asym_sam7_eigen_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 : 25.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

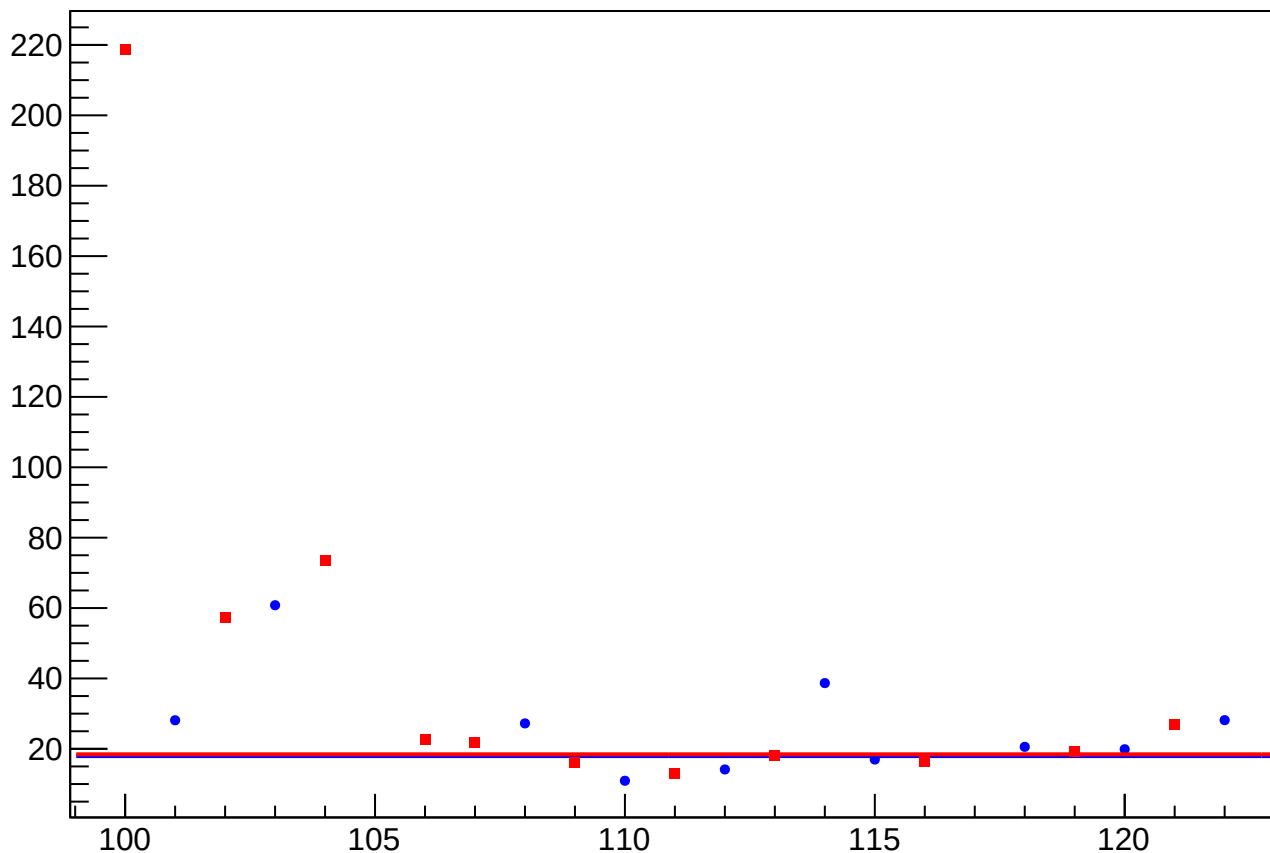
Right: 0.001+/-0.007 χ^2/NDF : 30.3/20

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 : 30.3/20

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: 18.445+/-0.007 χ^2/NDF : 1381445.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

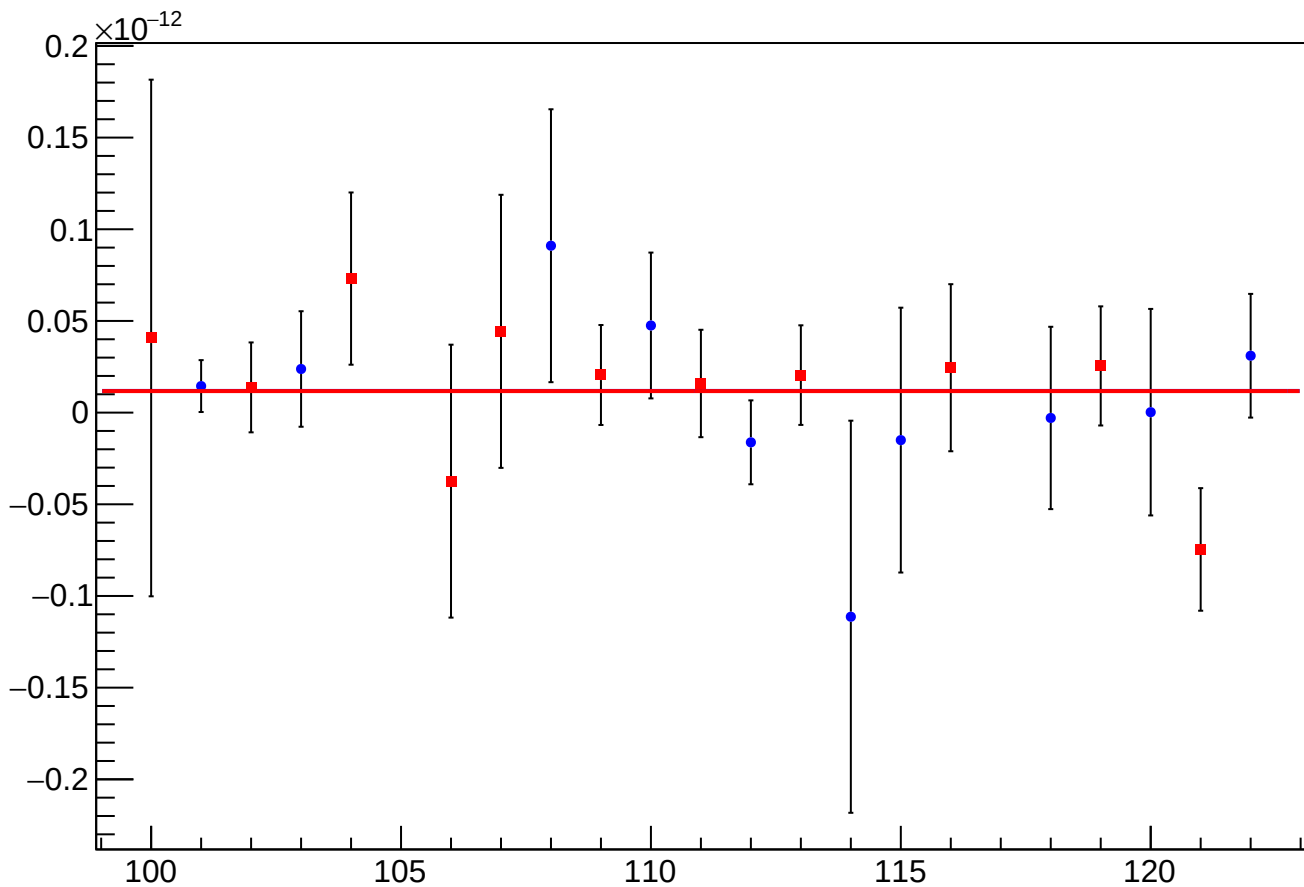
Right: 18.198+/-0.005 χ^2/NDF : 2733685.7/20

In: 17.939+/-0.007 χ^2/NDF : 1349712.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.198+/-0.005 χ^2/NDF : 2733685.7/20

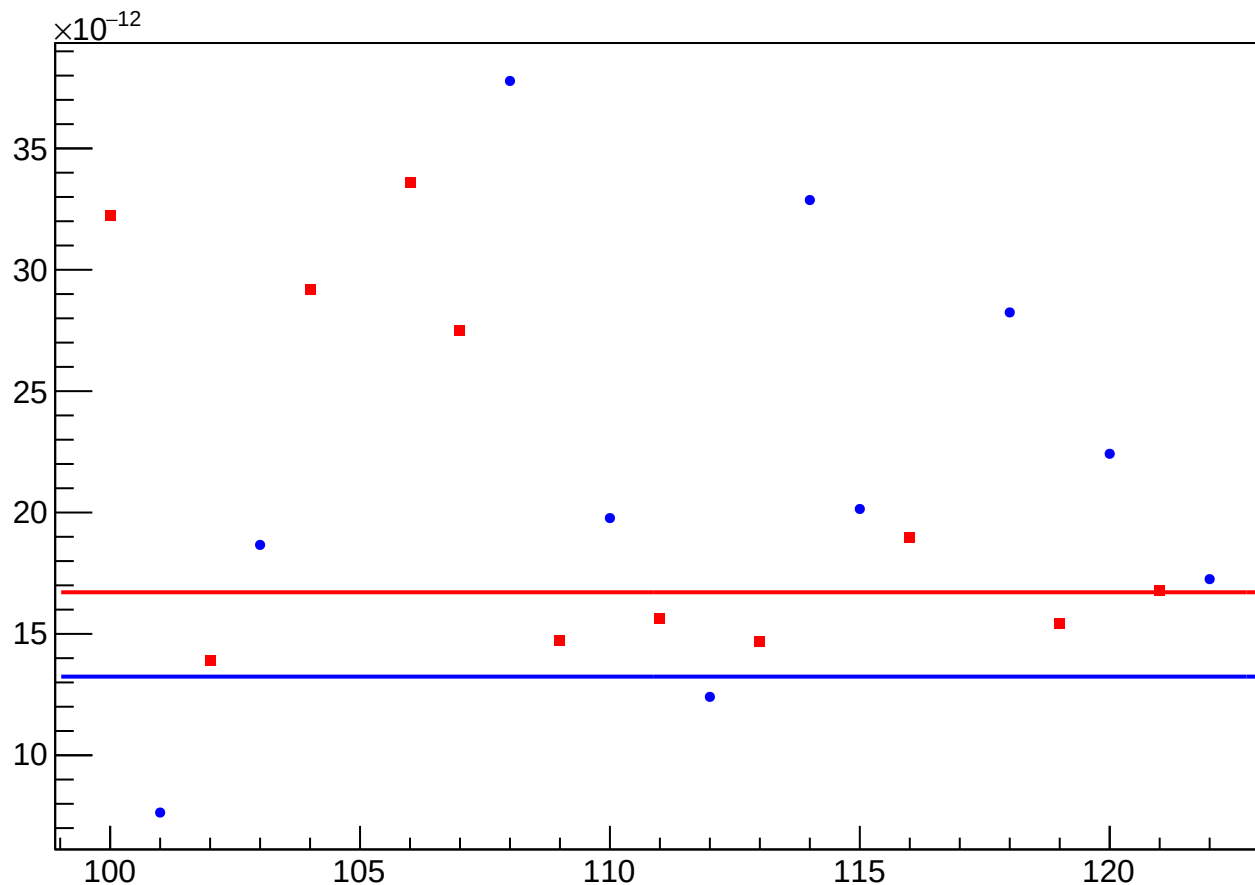
asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 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 : 15.1/20
 In: 0.000+/-0.000 χ^2/NDF : 5.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 15.1/20

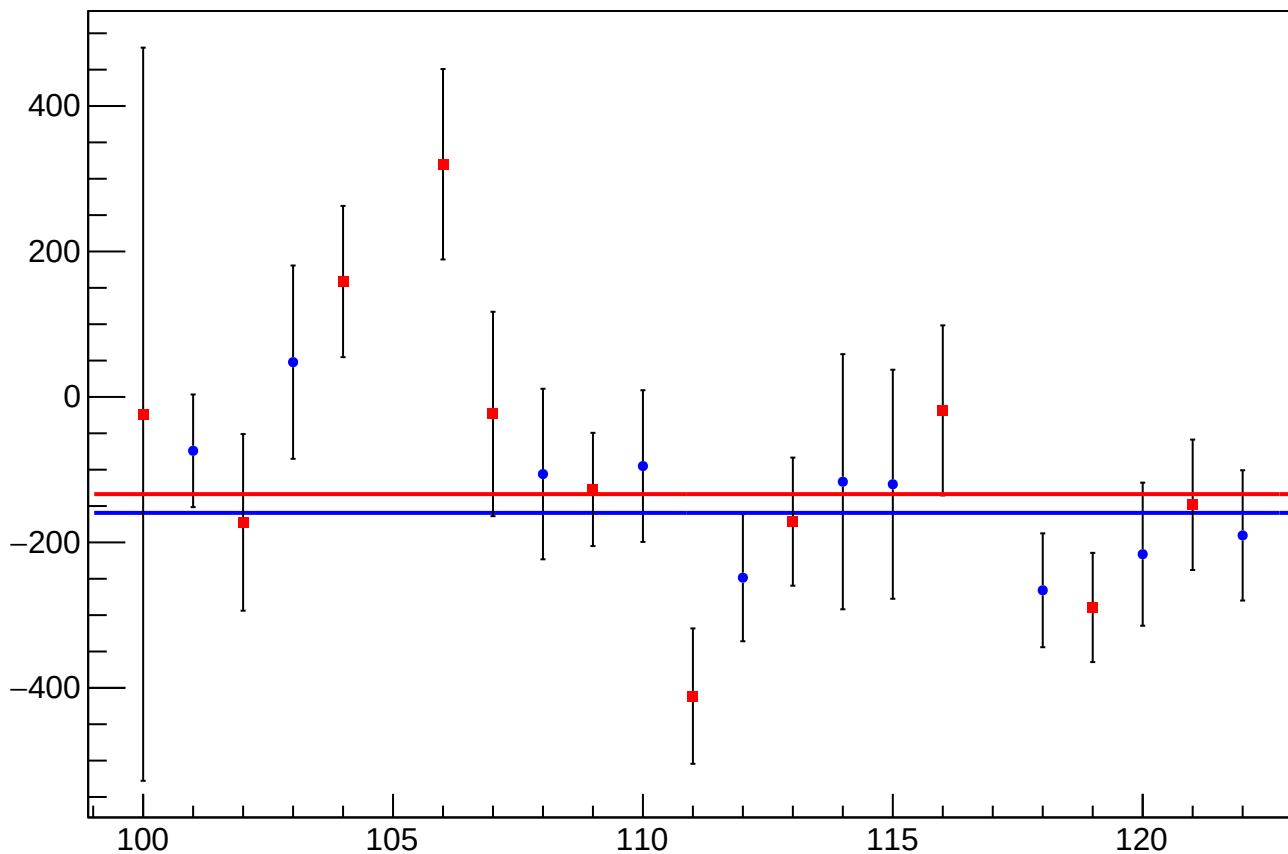
asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 369431.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1480903.4/20
 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 : 1480903.4/20

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -159.381 ± 31.895 $\chi^2/\text{NDF}: 7.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -133.618 ± 30.750 $\chi^2/\text{NDF}: 35.1/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

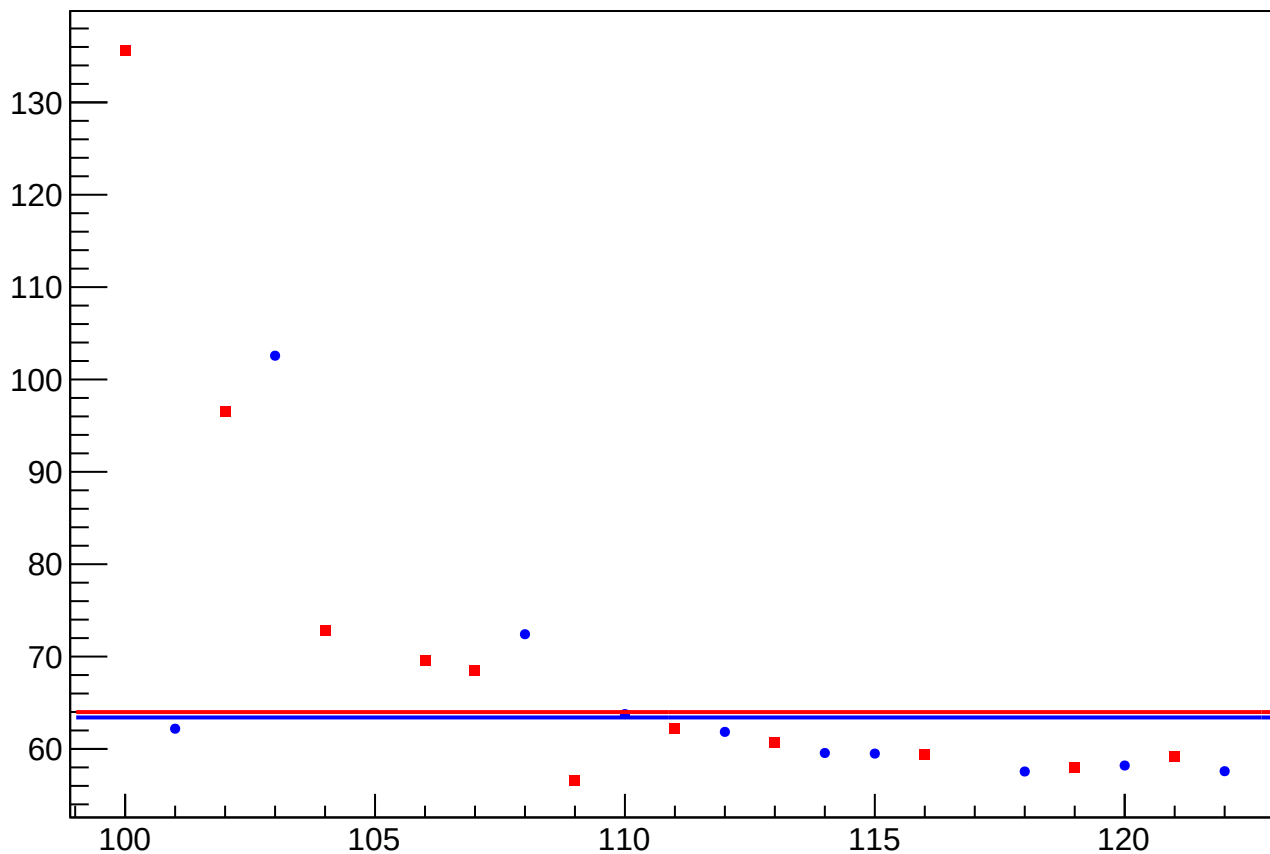
Right: -146.028 ± 22.138 $\chi^2/\text{NDF}: 43.1/20$

In: -159.381 ± 31.895 $\chi^2/\text{NDF}: 7.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -146.028 ± 22.138 $\chi^2/\text{NDF}: 43.1/20$

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 63.408+/-0.023 χ^2/NDF : 214137.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.992+/-0.022 χ^2/NDF : 247451.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

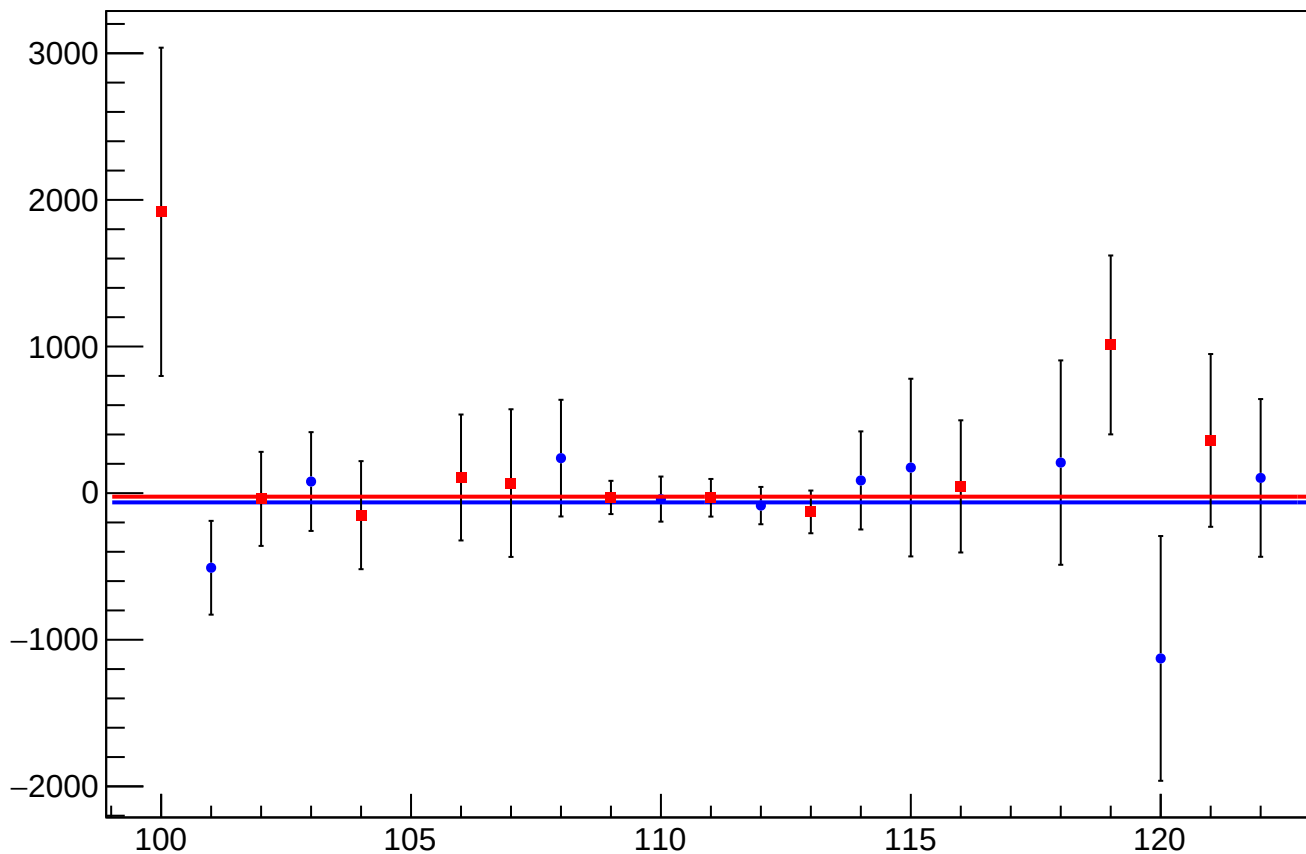
Right: 63.711+/-0.016 χ^2/NDF : 461935.6/20

In: 63.408+/-0.023 χ^2/NDF : 214137.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.711+/-0.016 χ^2/NDF : 461935.6/20

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: -24.089+/-66.913 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

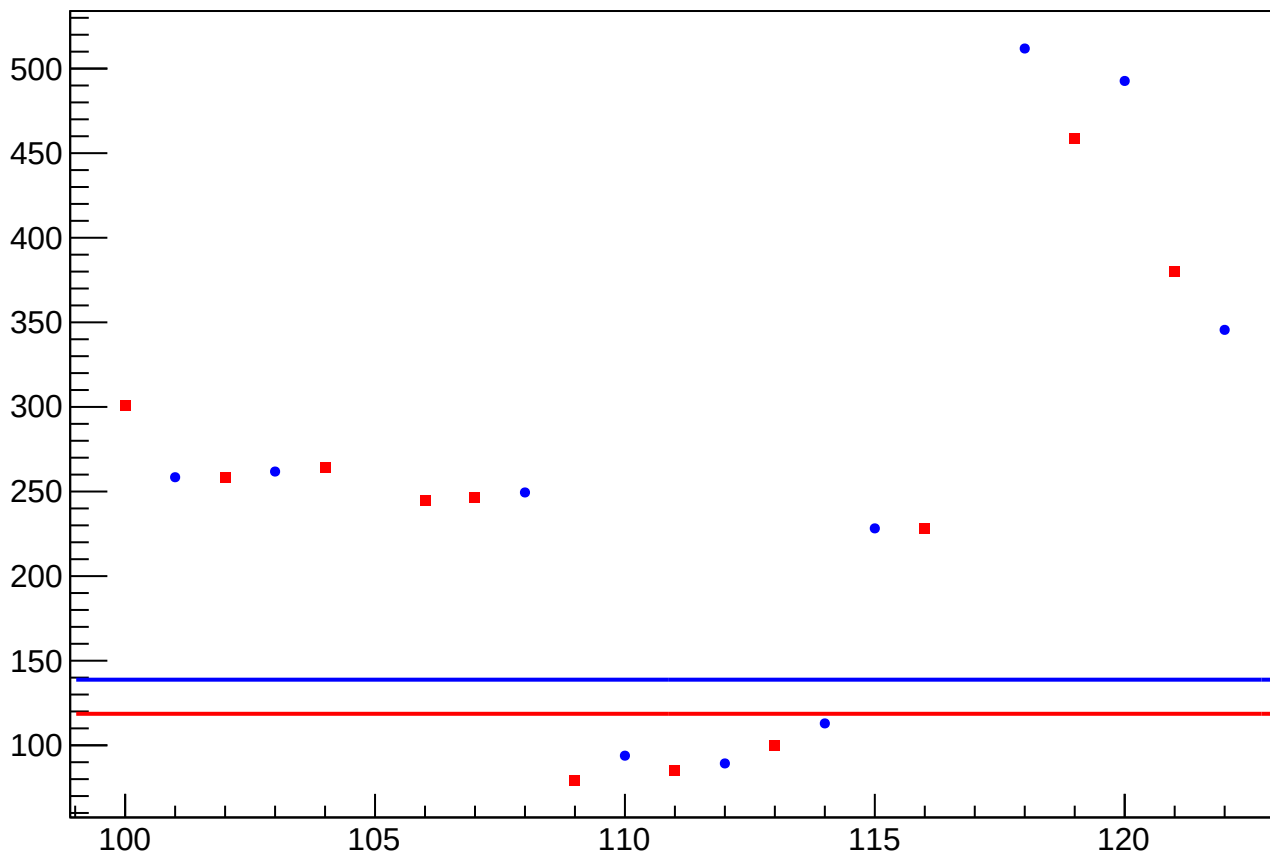
Right: -39.617+/-51.925 χ^2/NDF : 12.2/20

In: -63.122+/-82.325 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.617+/-51.925 χ^2/NDF : 12.2/20

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: 118.618+/-0.047 χ^2/NDF : 2590227.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

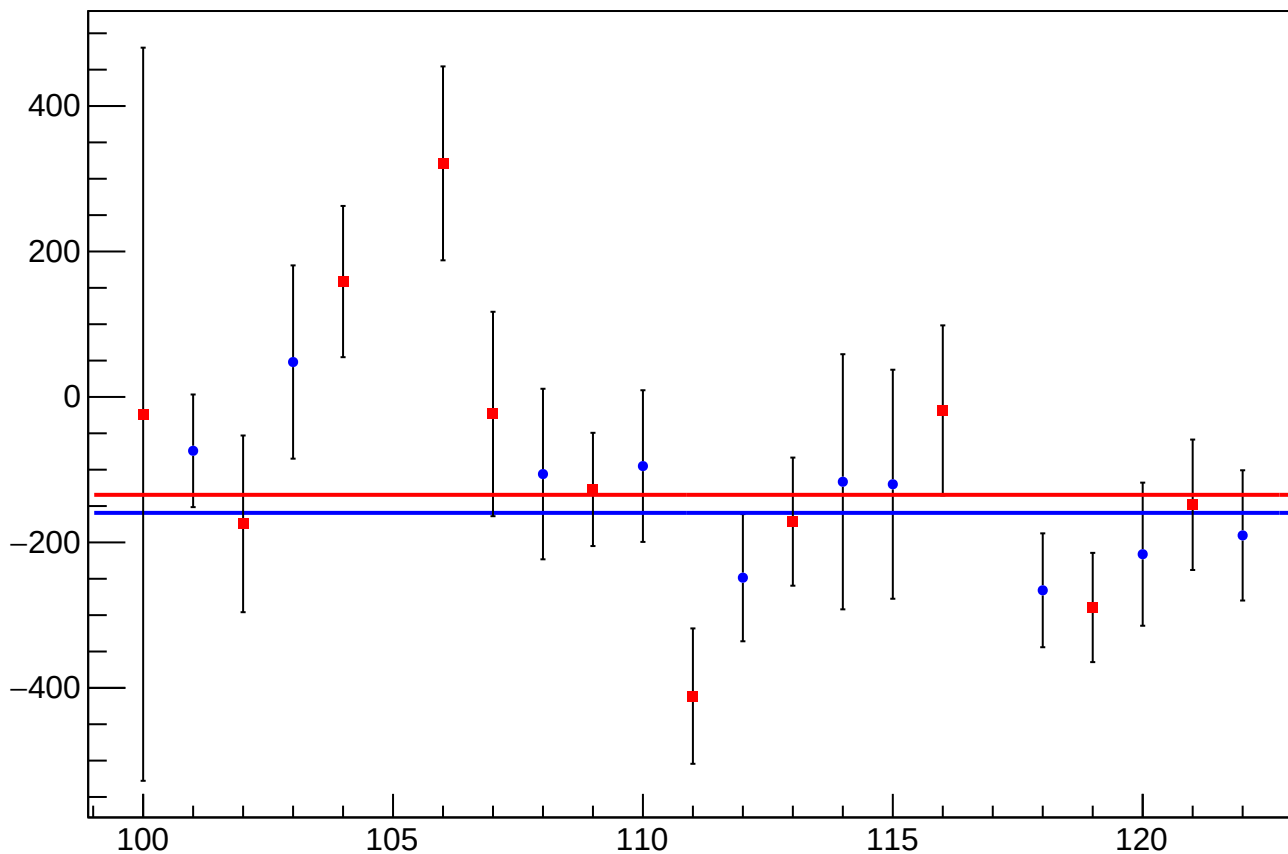
Right: 126.641+/-0.037 χ^2/NDF : 5120911.1/20

In: 138.785+/-0.058 χ^2/NDF :2458408.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.641+/-0.037 χ^2/NDF : 5120911.1/20

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: -134.583+/-30.782 χ^2/NDF : 34.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

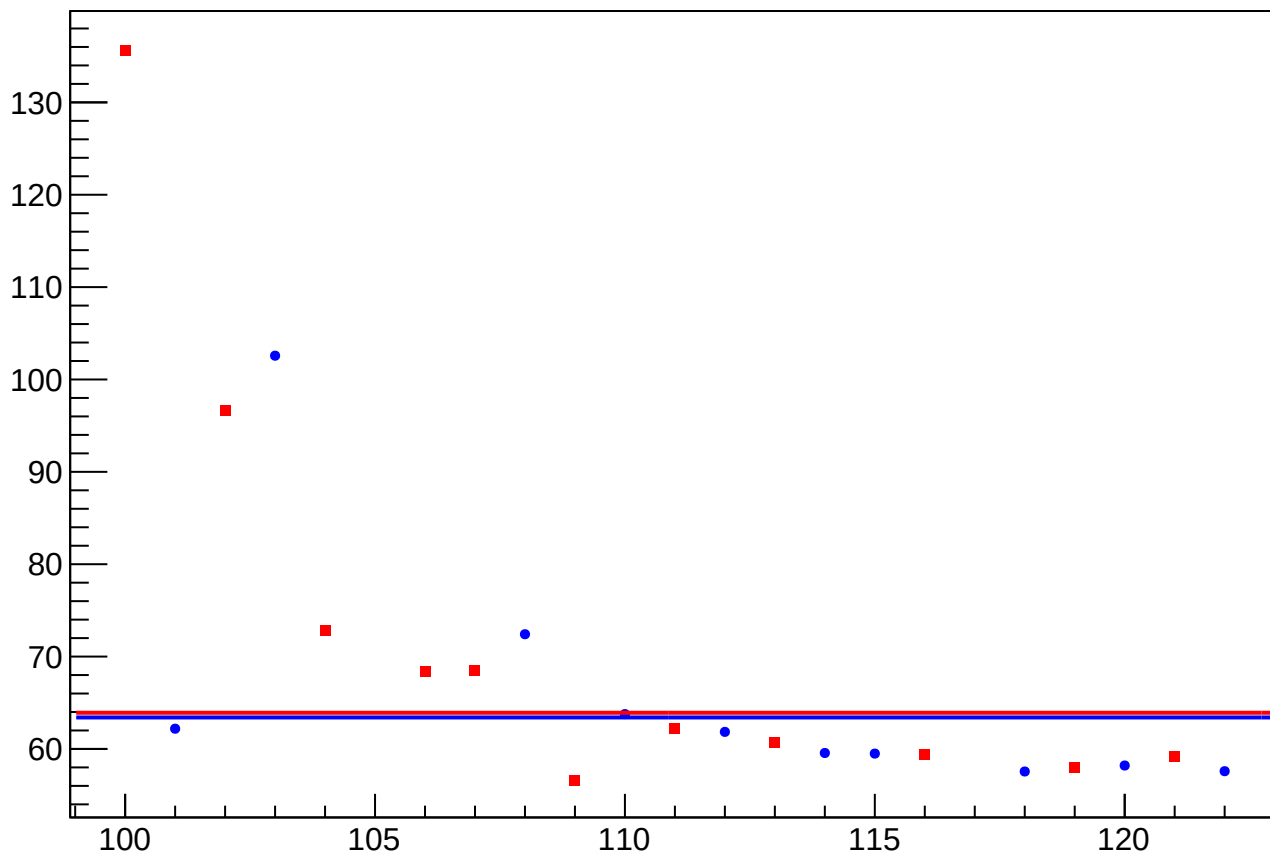
Right: -146.541+/-22.149 χ^2/NDF : 42.7/20

In: -159.380+/-31.895 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.541+/-22.149 χ^2/NDF : 42.7/20

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: 63.919+/-0.022 χ^2/NDF : 246182.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

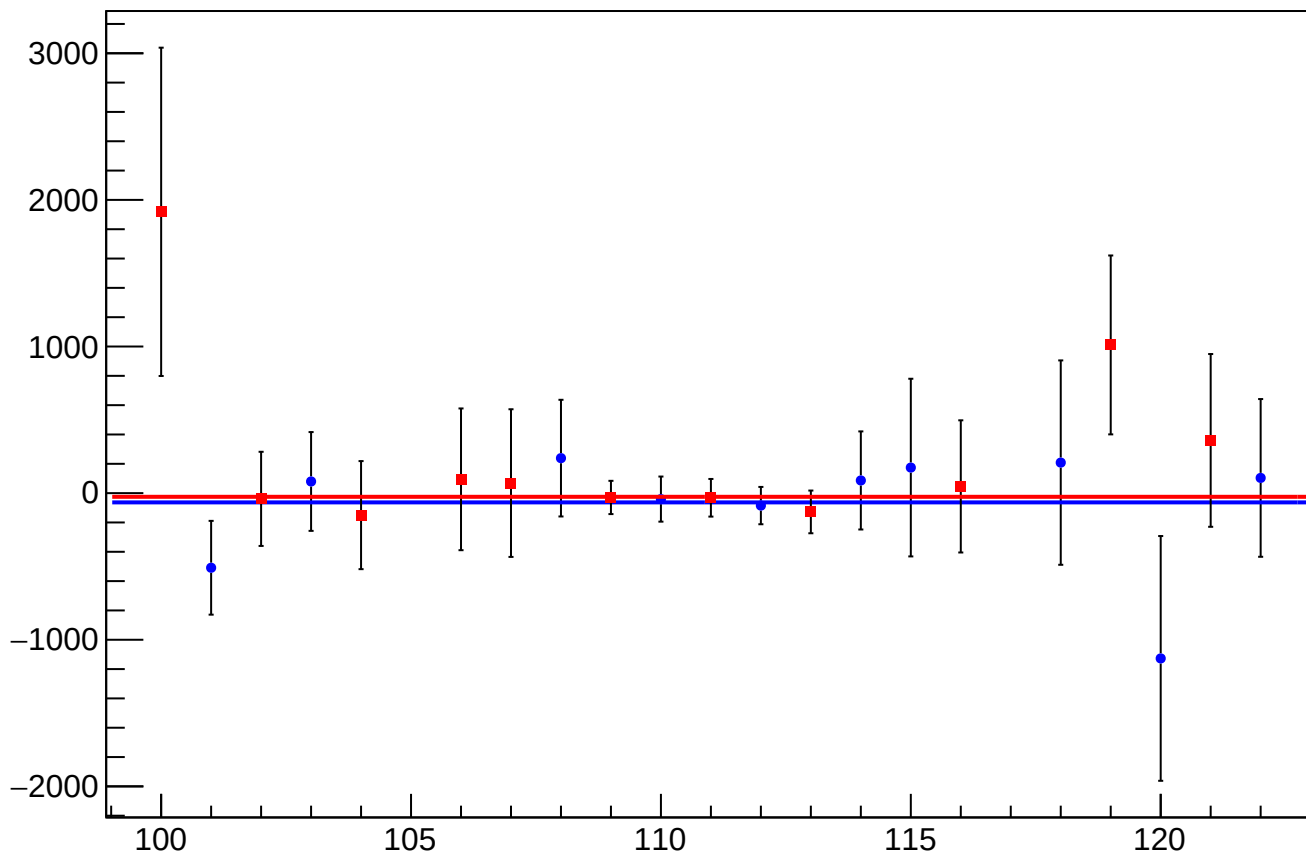
Right: 63.673+/-0.016 χ^2/NDF : 460588.1/20

In: 63.408+/-0.023 χ^2/NDF : 214139.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.673+/-0.016 χ^2/NDF : 460588.1/20

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: -24.981+/-67.088 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

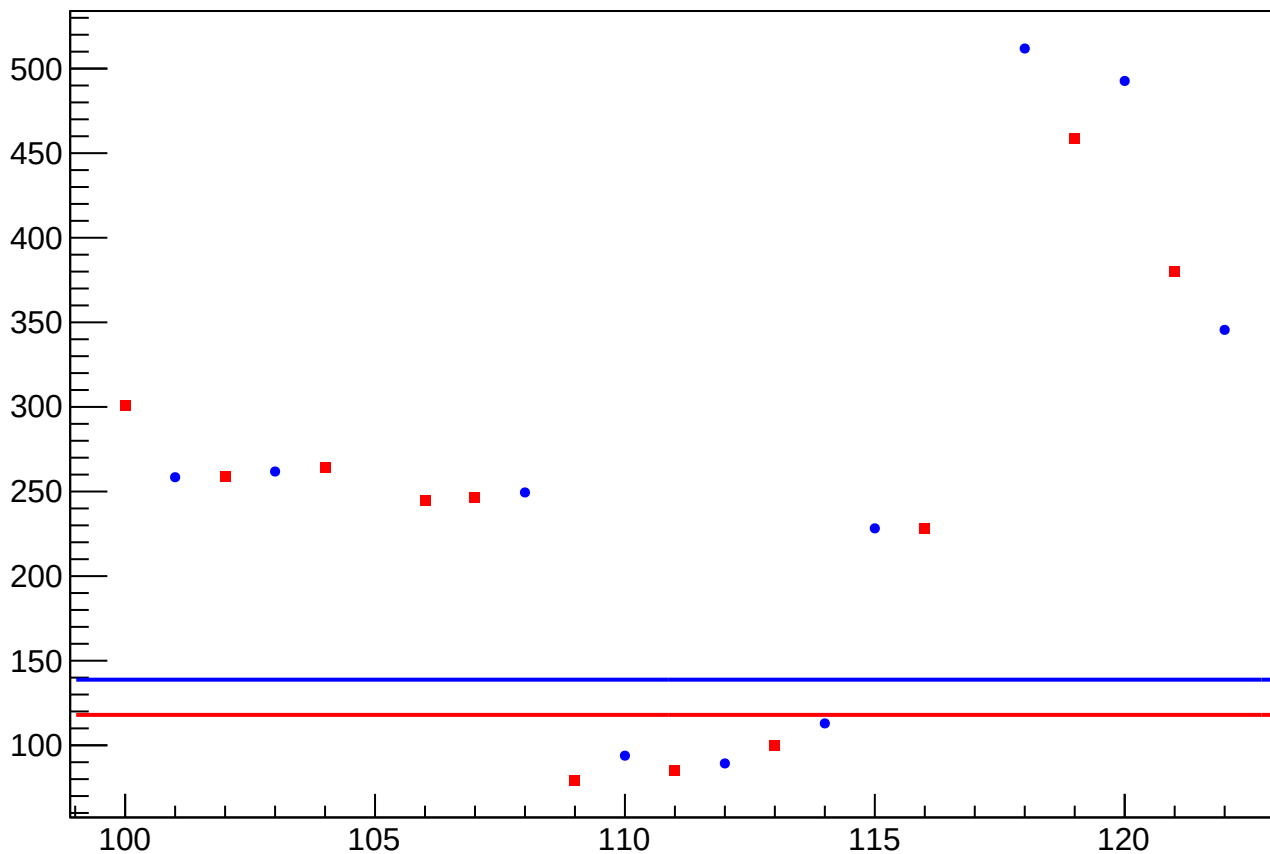
Right: -40.193+/-52.006 χ^2/NDF : 12.2/20

In: -63.100+/-82.325 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.193+/-52.006 χ^2/NDF : 12.2/20

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: 117.973+/-0.047 χ^2/NDF : 2555009.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

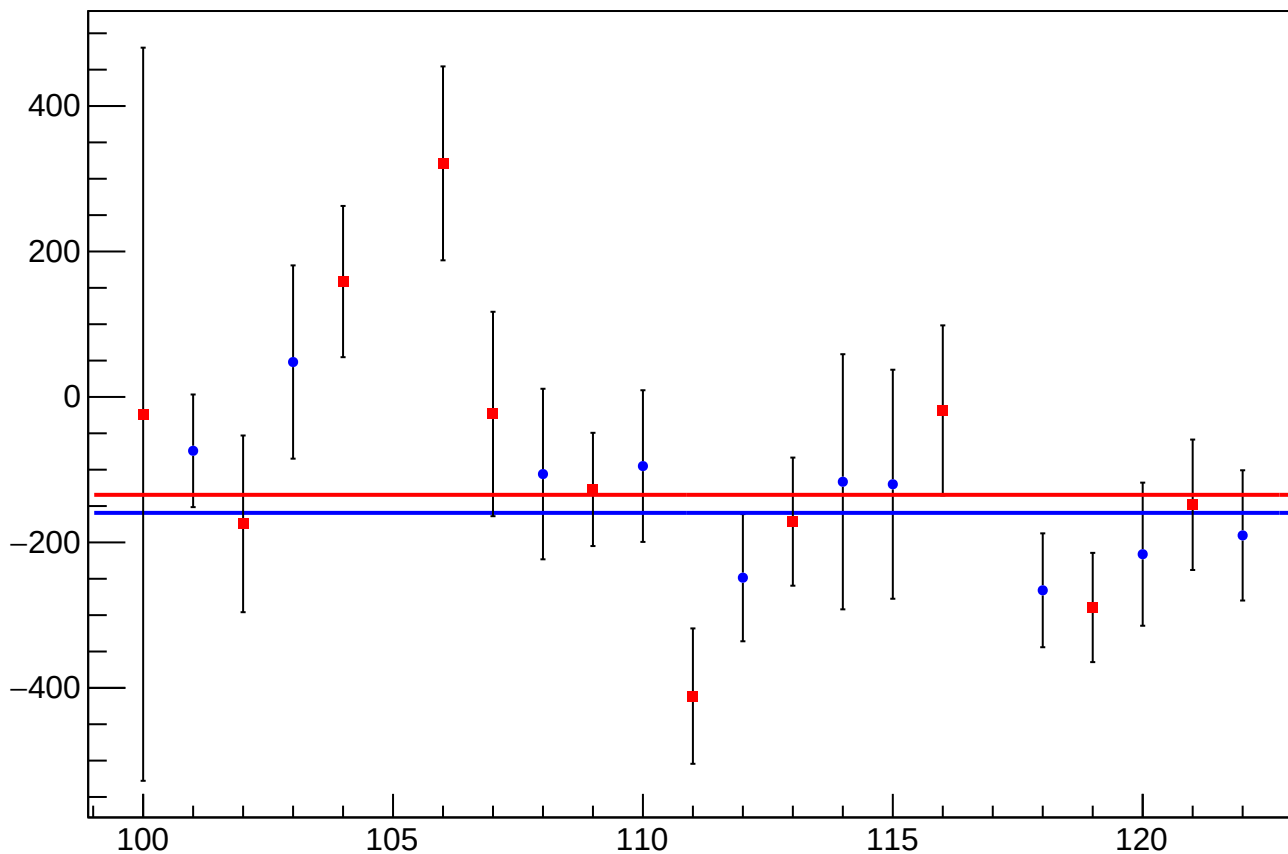
Right: 126.278+/-0.037 χ^2/NDF : 5090288.4/20

In: 138.785+/-0.058 χ^2/NDF :2458465.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.278+/-0.037 χ^2/NDF : 5090288.4/20

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: -134.583+/-30.782 χ^2/NDF : 34.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

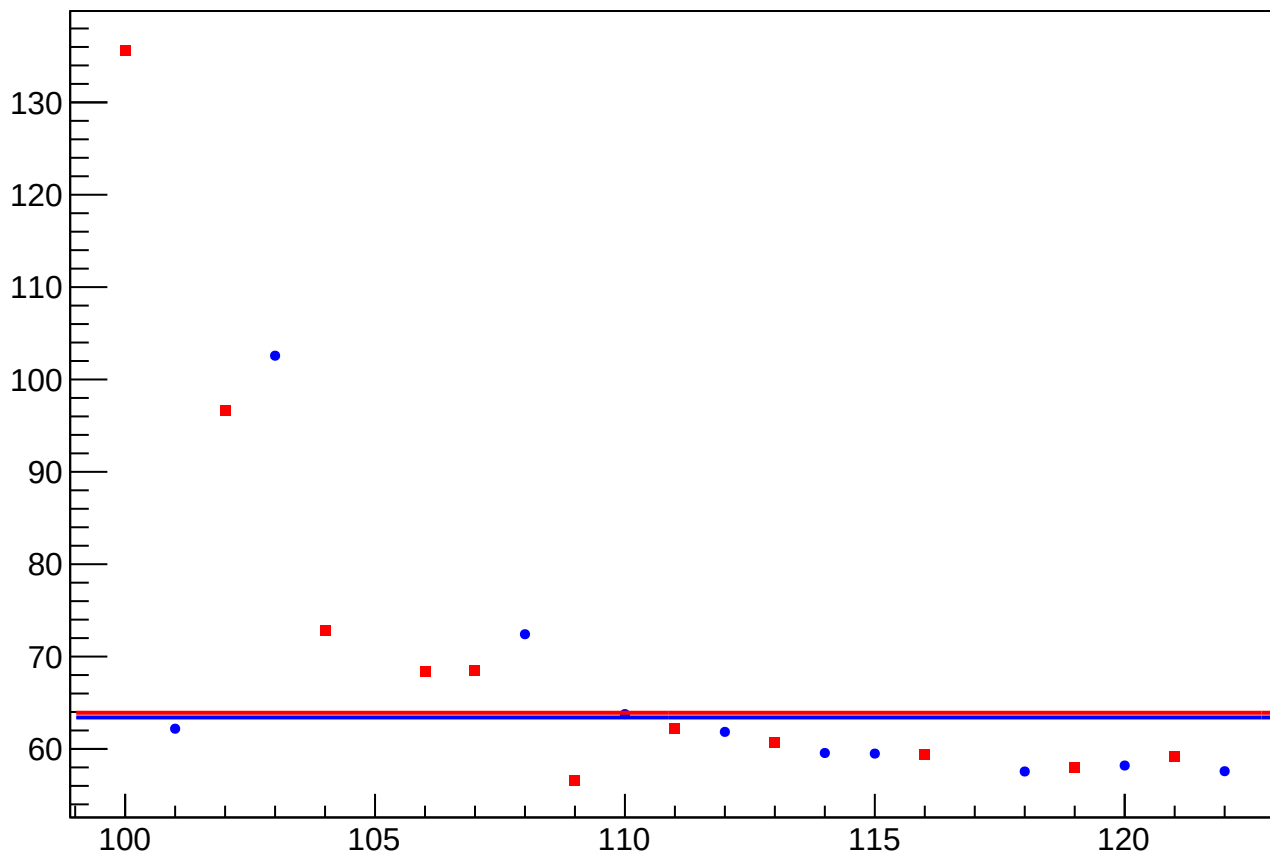
Right: -146.541+/-22.149 χ^2/NDF : 42.7/20

In: -159.380+/-31.895 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.541+/-22.149 χ^2/NDF : 42.7/20

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: 63.919+/-0.022 χ^2/NDF : 246182.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

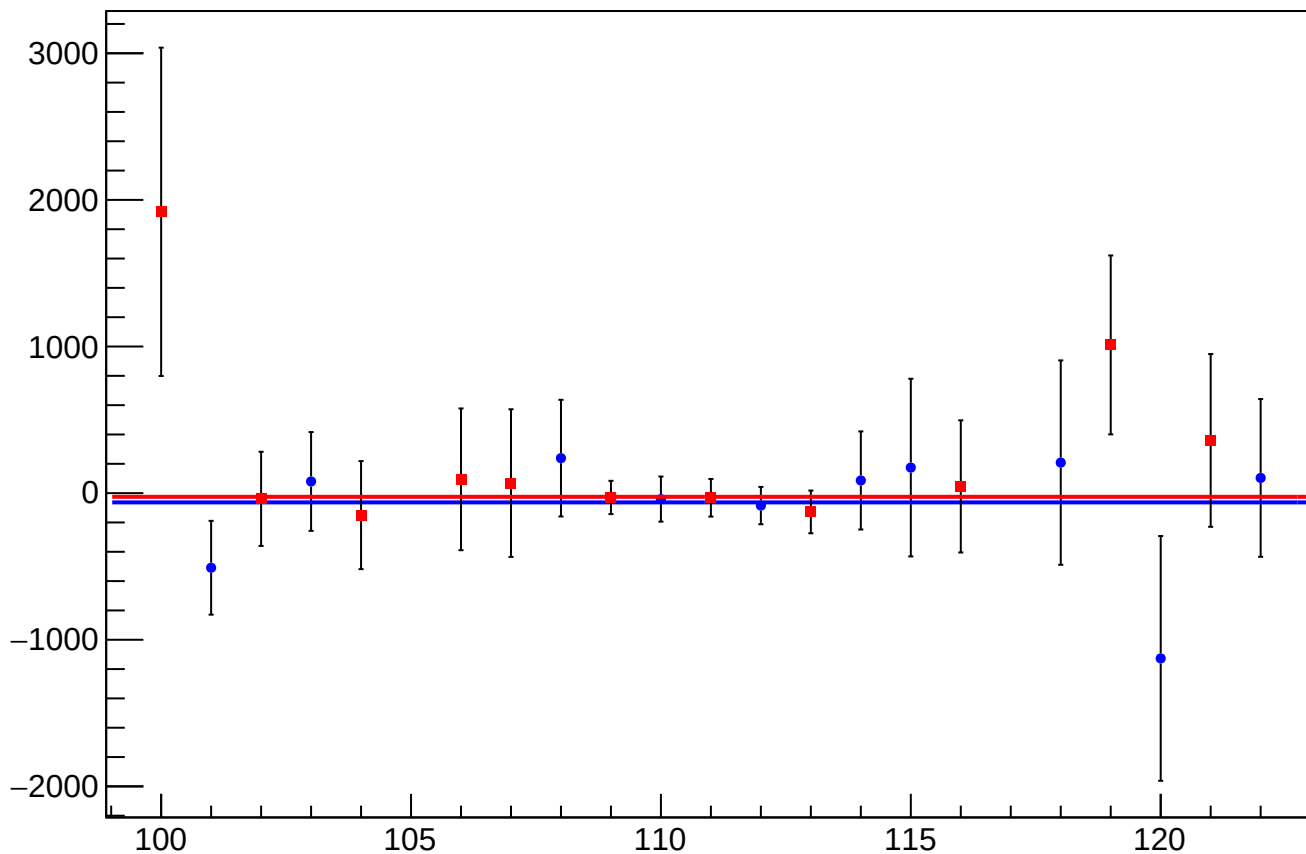
Right: 63.673+/-0.016 χ^2/NDF : 460588.1/20

In: 63.408+/-0.023 χ^2/NDF : 214139.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.673+/-0.016 χ^2/NDF : 460588.1/20

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: -24.981+/-67.088 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

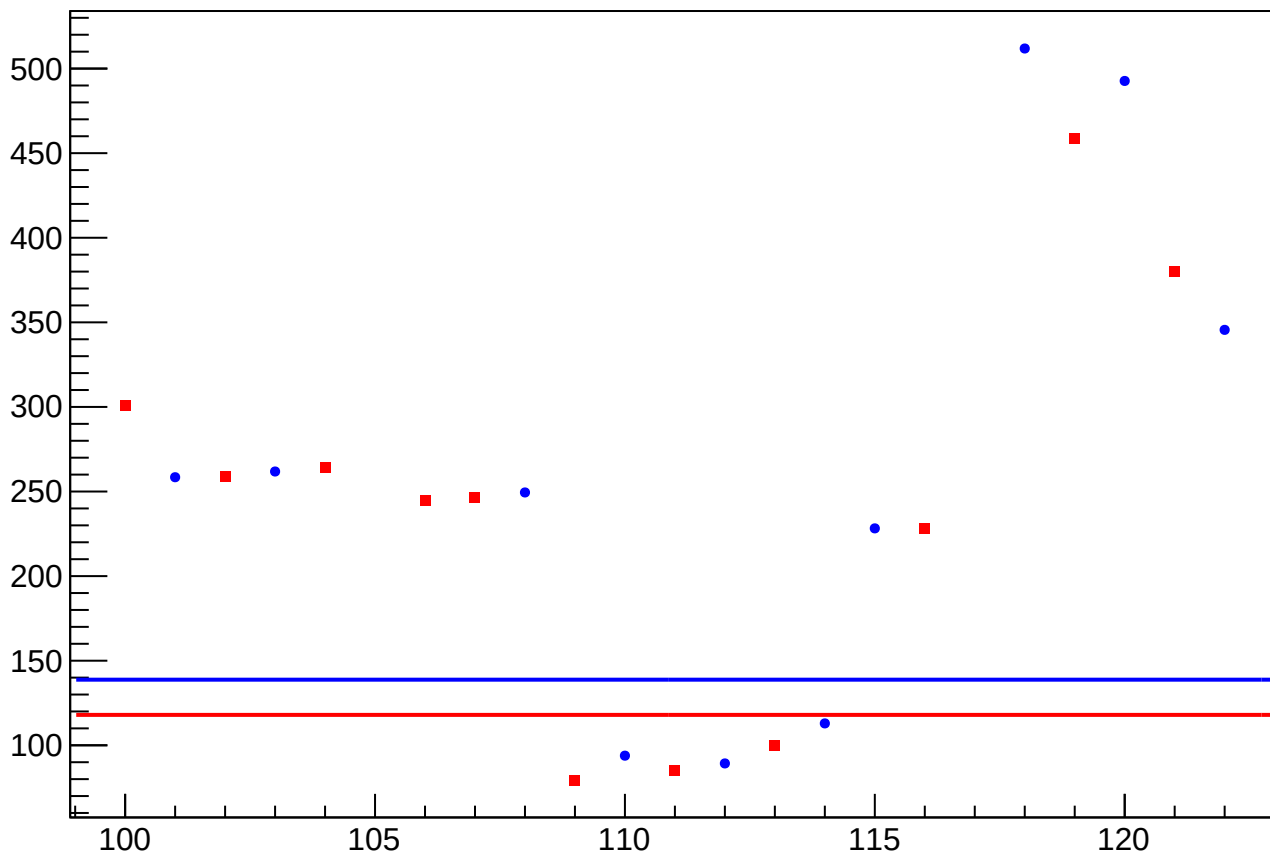
Right: -40.193+/-52.006 χ^2/NDF : 12.2/20

In: -63.100+/-82.325 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.193+/-52.006 χ^2/NDF : 12.2/20

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: 117.973+/-0.047 χ^2/NDF : 2555009.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

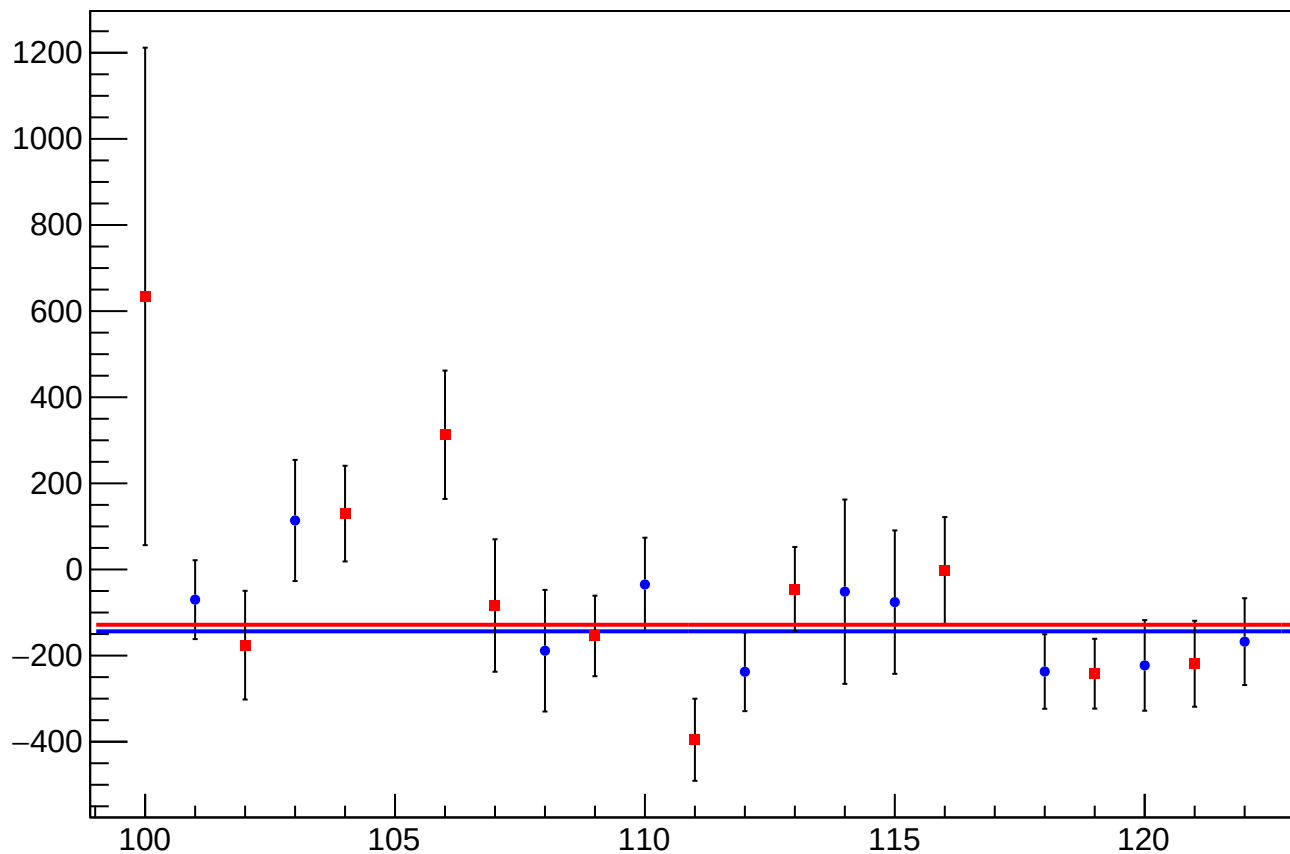
Right: 126.278+/-0.037 χ^2/NDF : 5090288.4/20

In: 138.785+/-0.058 χ^2/NDF :2458465.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.278+/-0.037 χ^2/NDF : 5090288.4/20

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: -128.385+/-33.706 χ^2/NDF : 28.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

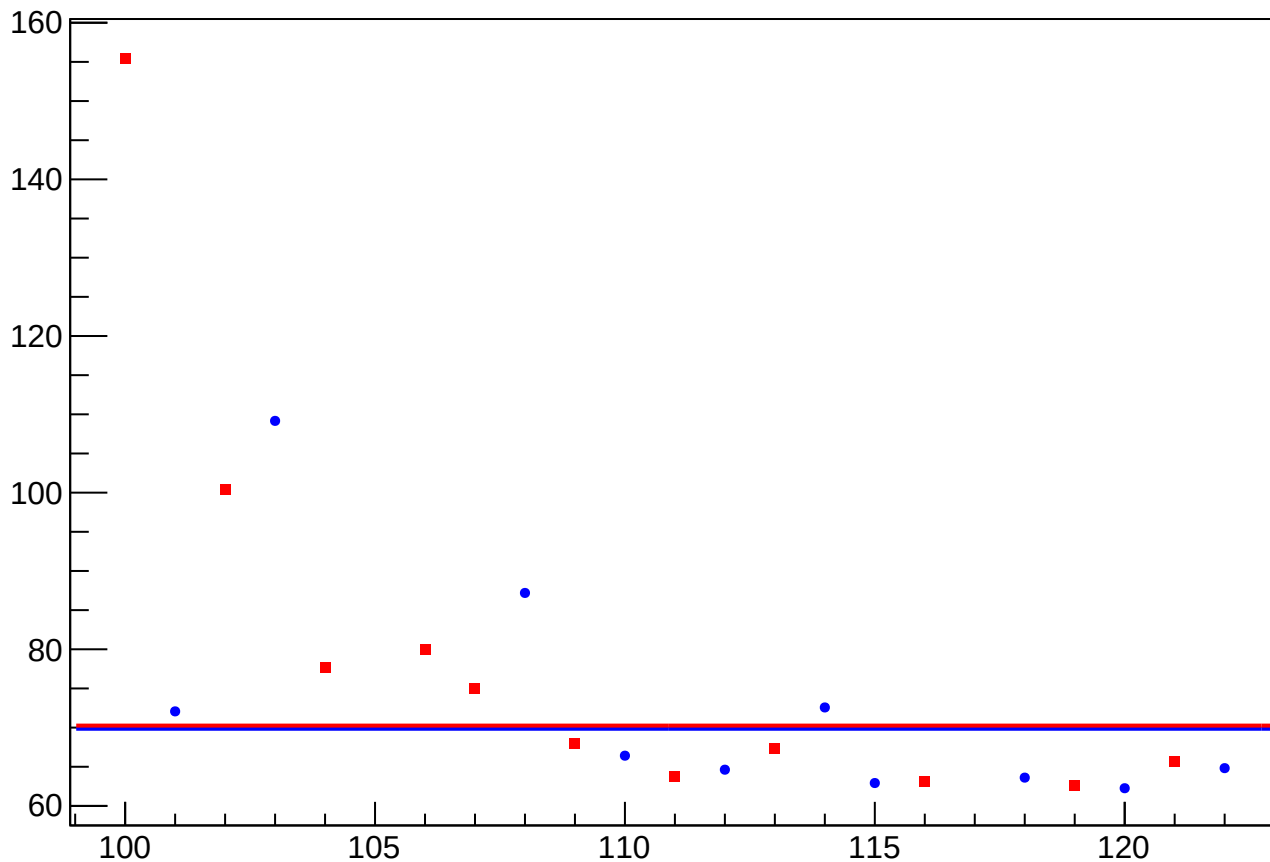
Right: -135.670+/-24.366 χ^2/NDF : 37.0/20

In: -143.645+/-35.264 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.670+/-24.366 χ^2/NDF : 37.0/20

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: 70.256+/-0.024 χ^2/NDF : 218592.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

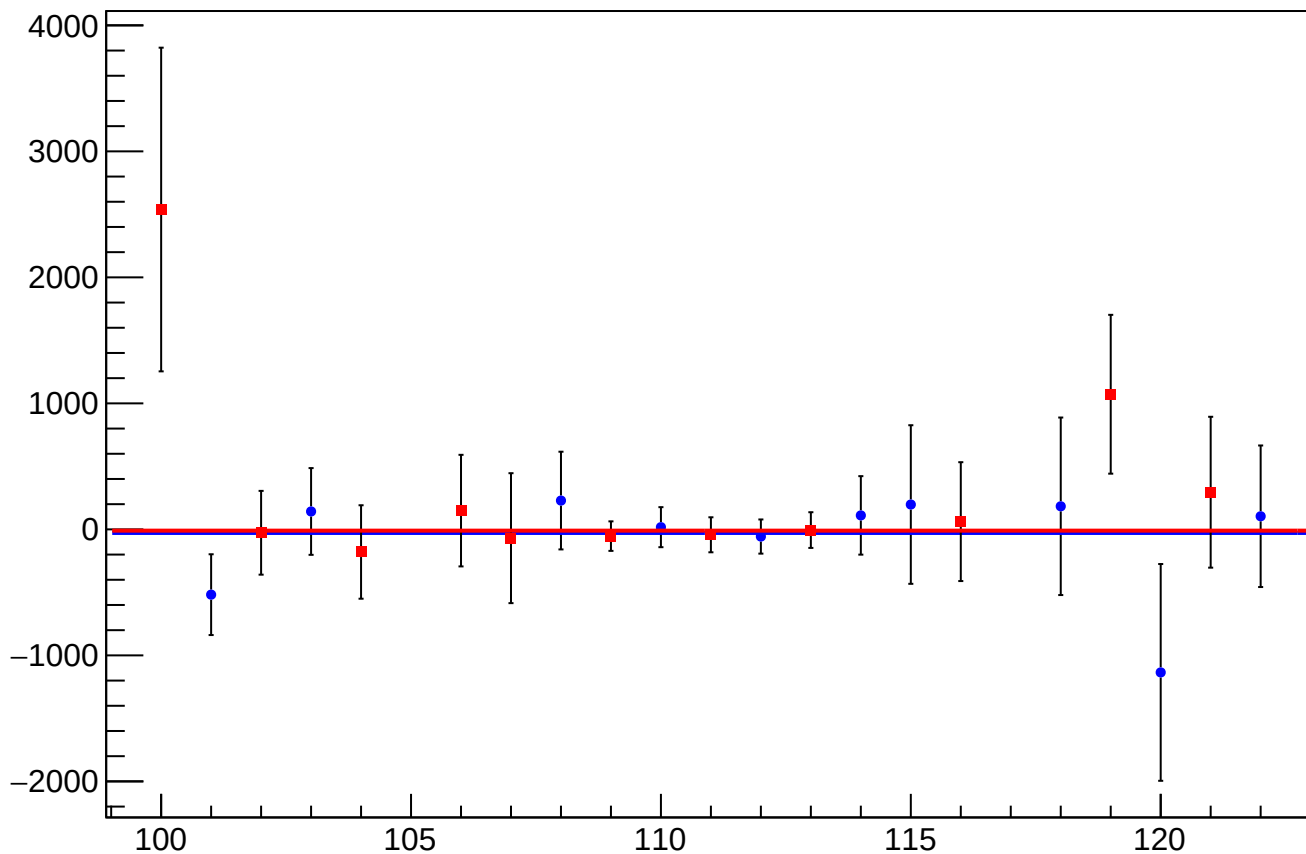
Right: 70.064+/-0.017 χ^2/NDF : 444271.2/20

In: 69.853+/-0.025 χ^2/NDF : 225541.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.064+/-0.017 χ^2/NDF : 444271.2/20

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: -10.083 $\pm$ 68.984 χ^2 /NDF: 7.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

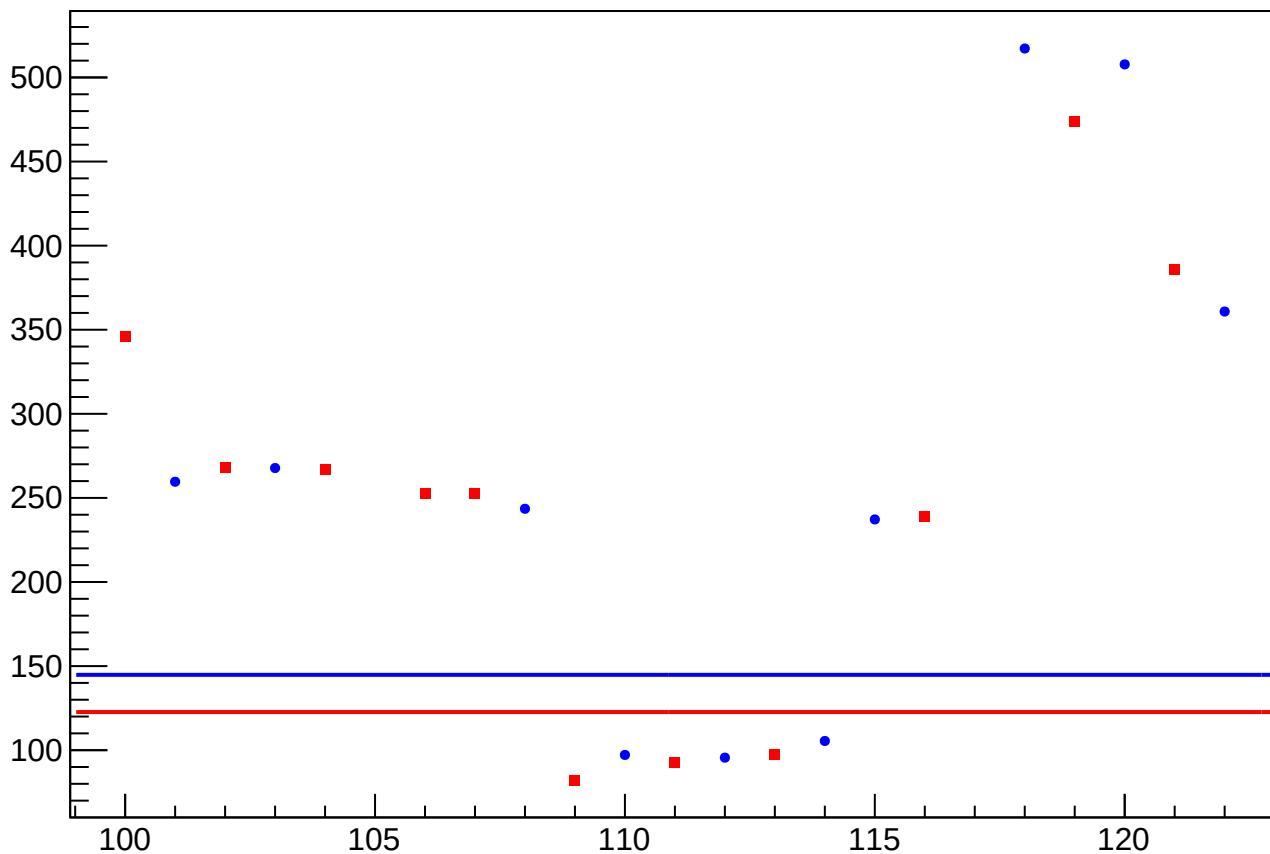
Right: -17.334 $\pm$ 53.577 χ^2 /NDF: 13.0/20

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: -17.334 $\pm$ 53.577 χ^2 /NDF: 13.0/20

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: 122.675+/-0.049 χ^2/NDF : 2573079.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

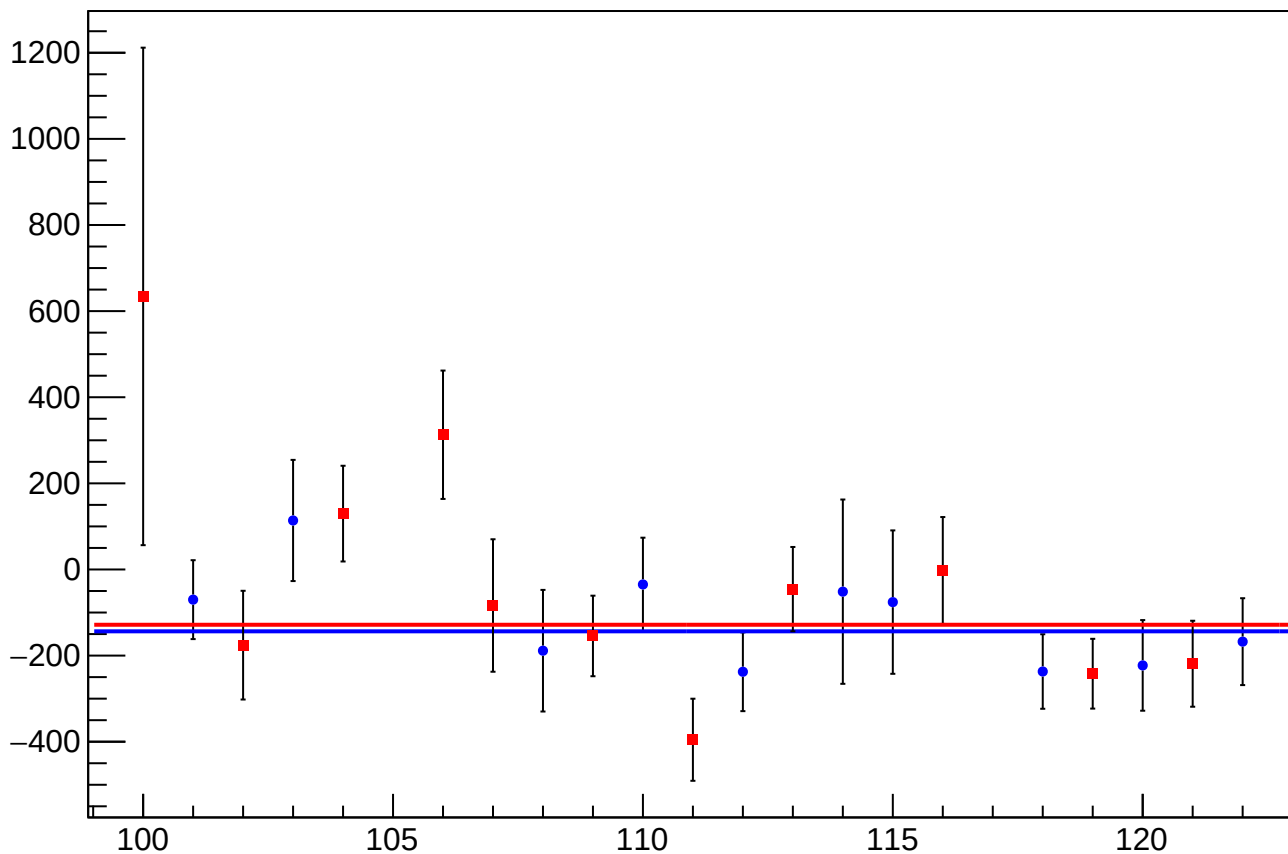
Right: 131.454+/-0.038 χ^2/NDF : 5025788.0/20

In: 144.800+/-0.060 χ^2/NDF : 2371067.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.454+/-0.038 χ^2/NDF : 5025788.0/20

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: -128.386+/-33.706 χ^2/NDF : 28.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

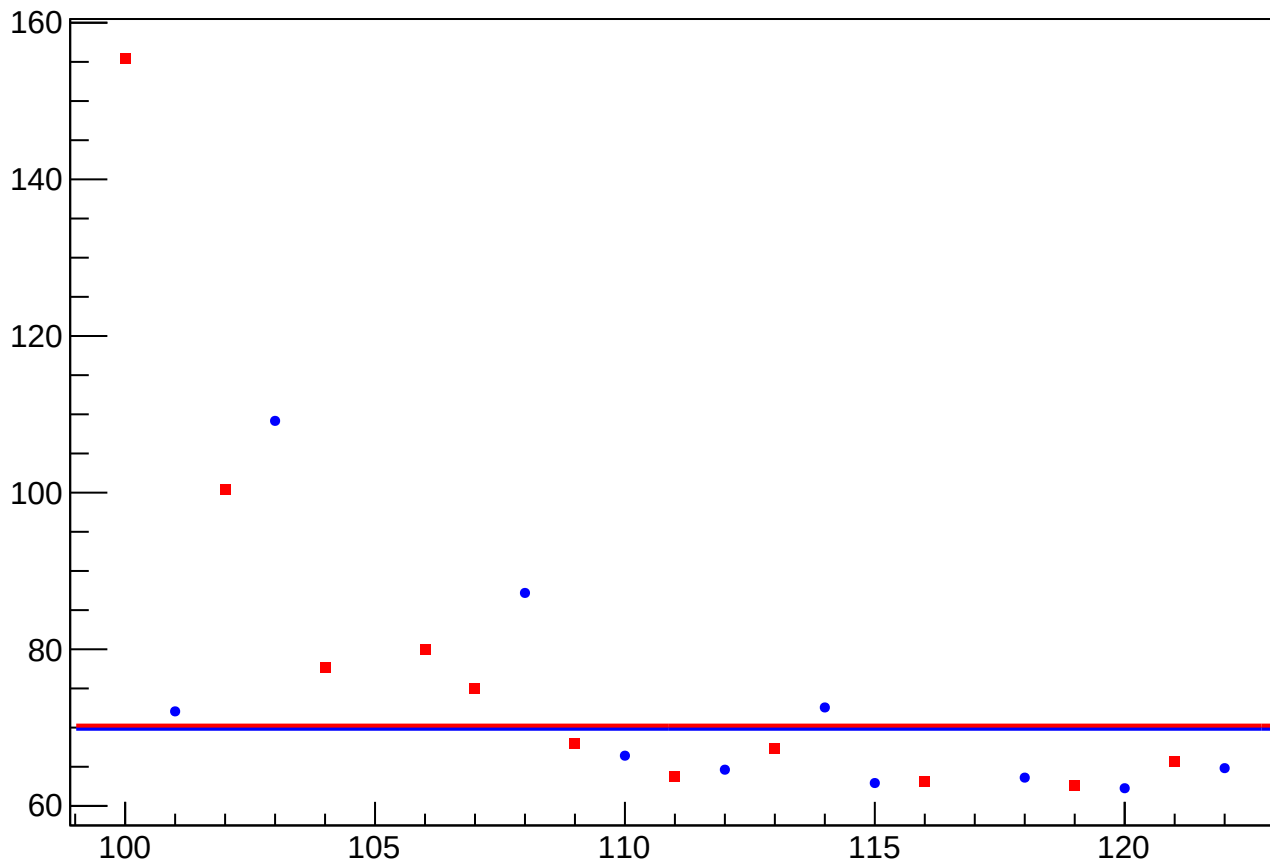
Right: -135.671+/-24.366 χ^2/NDF : 37.0/20

In: -143.644+/-35.264 χ^2/NDF :8.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -135.671+/-24.366 χ^2/NDF : 37.0/20

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: 70.256+/-0.024 χ^2/NDF : 218594.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

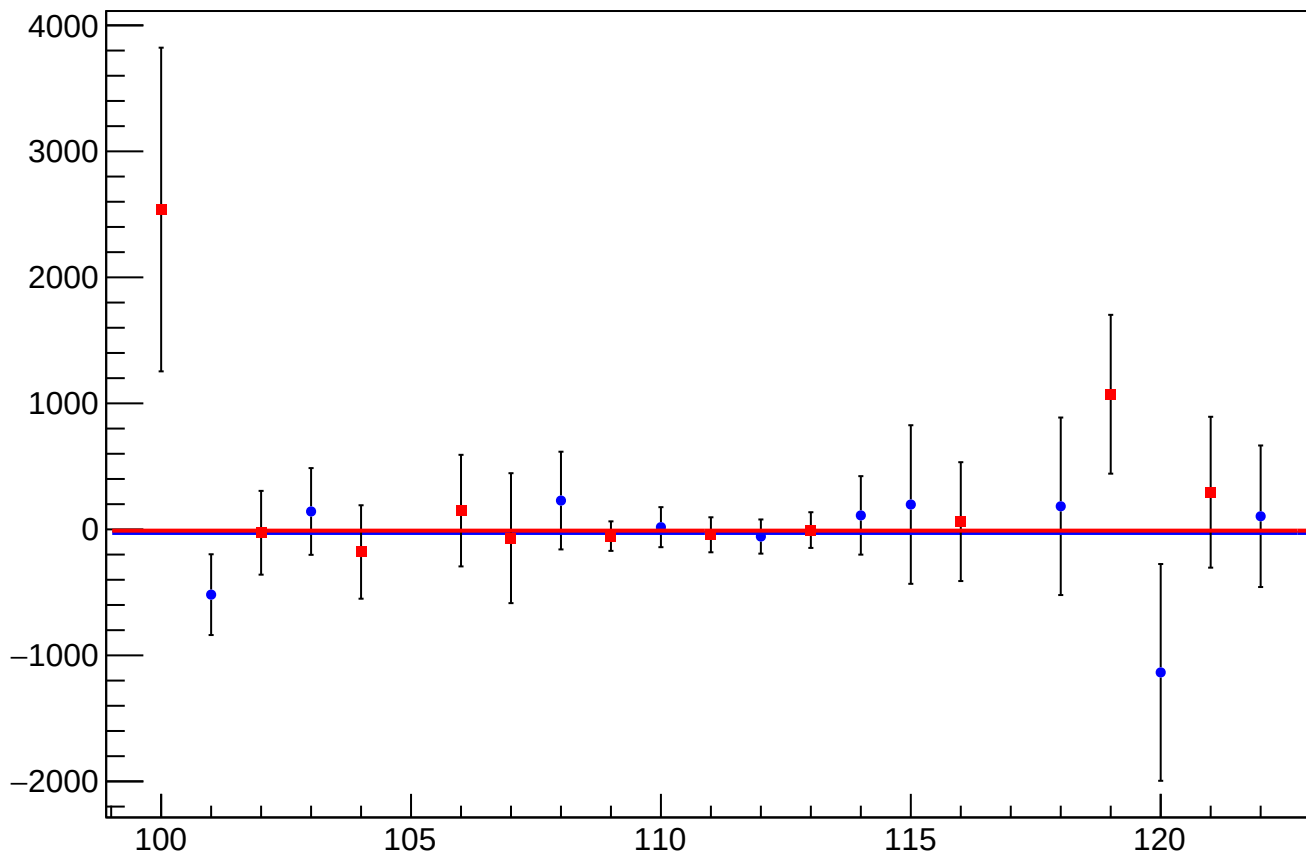
Right: 70.064+/-0.017 χ^2/NDF : 444273.6/20

In: 69.853+/-0.025 χ^2/NDF : 225542.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.064+/-0.017 χ^2/NDF : 444273.6/20

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: -10.084+/-68.984 χ^2 /NDF: 7.7/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

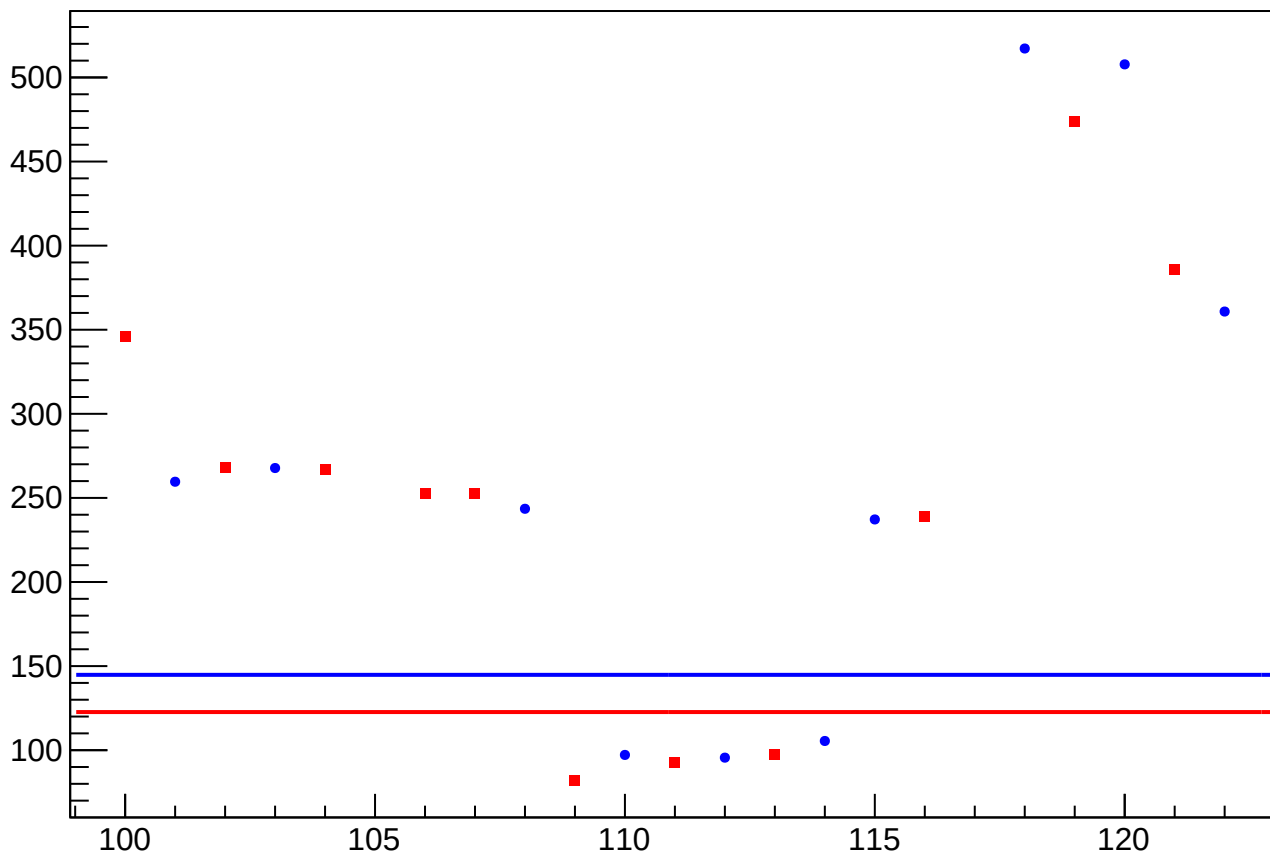
Right: -17.335+/-53.576 χ^2 /NDF: 13.0/20

In: -28.356+/-85.051 χ^2 /NDF:5.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -17.335+/-53.576 χ^2 /NDF: 13.0/20

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: 122.674+/-0.049 χ^2/NDF : 2573066.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

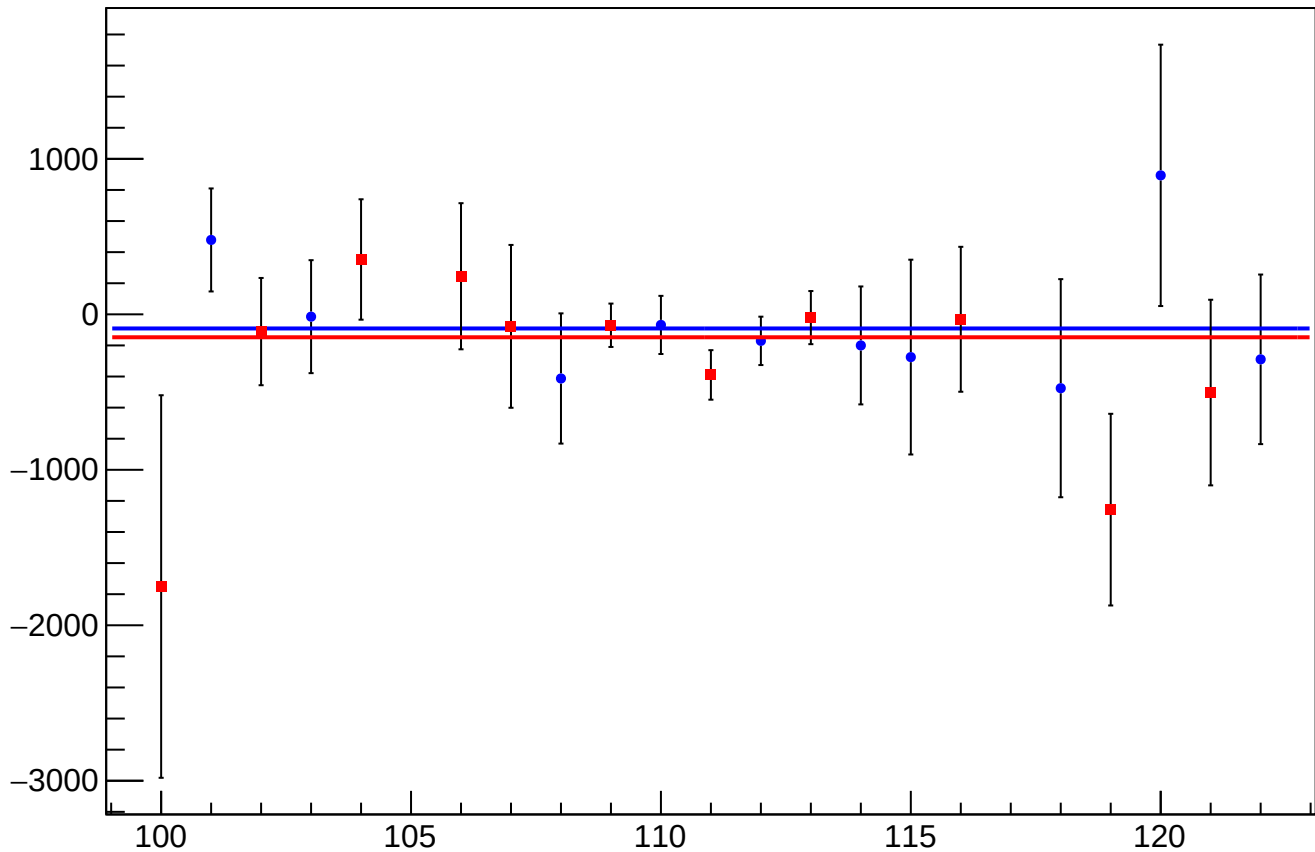
Right: 131.454+/-0.038 χ^2/NDF : 5025778.9/20

In: 144.799+/-0.060 χ^2/NDF : 2371077.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.454+/-0.038 χ^2/NDF : 5025778.9/20

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: -147.562+/-79.298 χ^2/NDF : 10.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

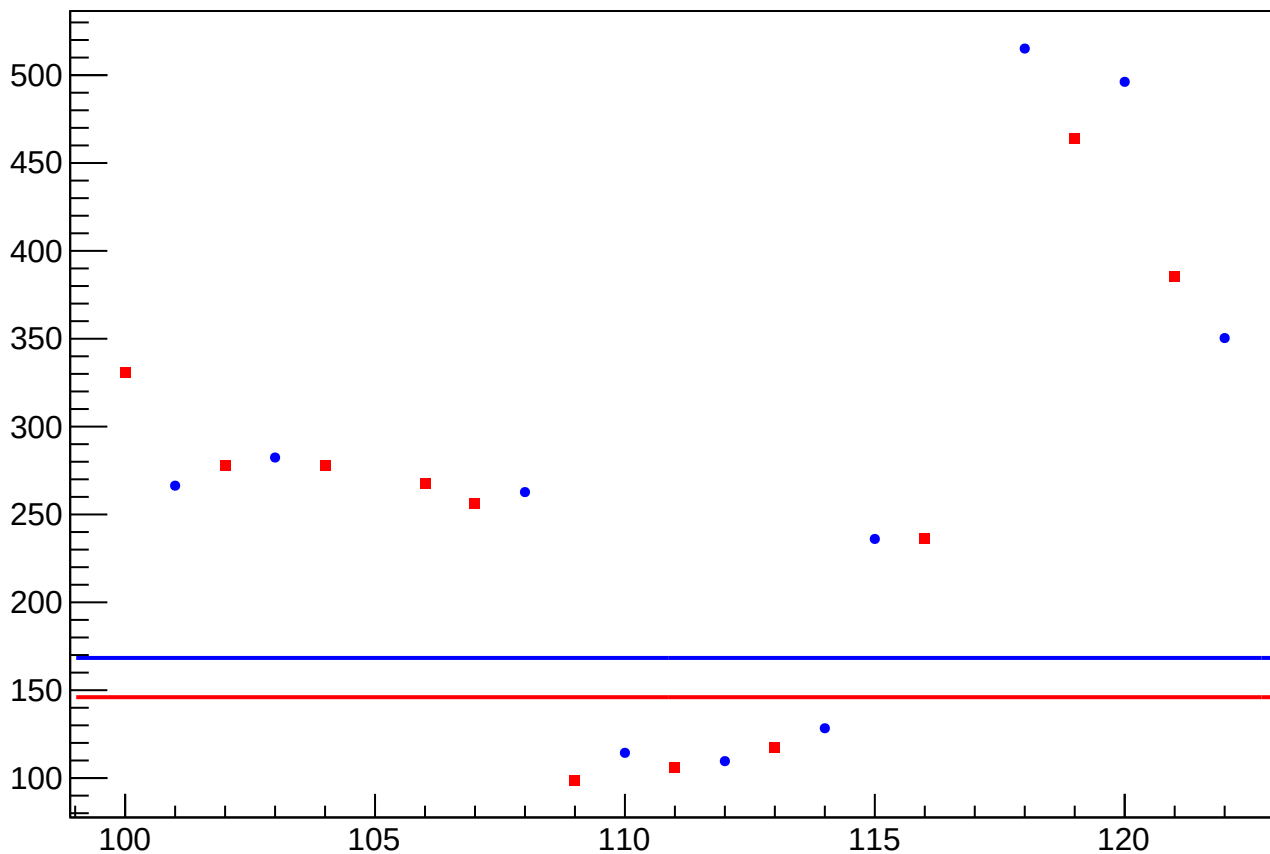
Right: -124.559+/-61.126 χ^2/NDF : 17.0/20

In: -90.878+/-95.953 χ^2/NDF :5.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -124.559+/-61.126 χ^2/NDF : 17.0/20

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: 146.024+/-0.056 χ^2/NDF : 2134114.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

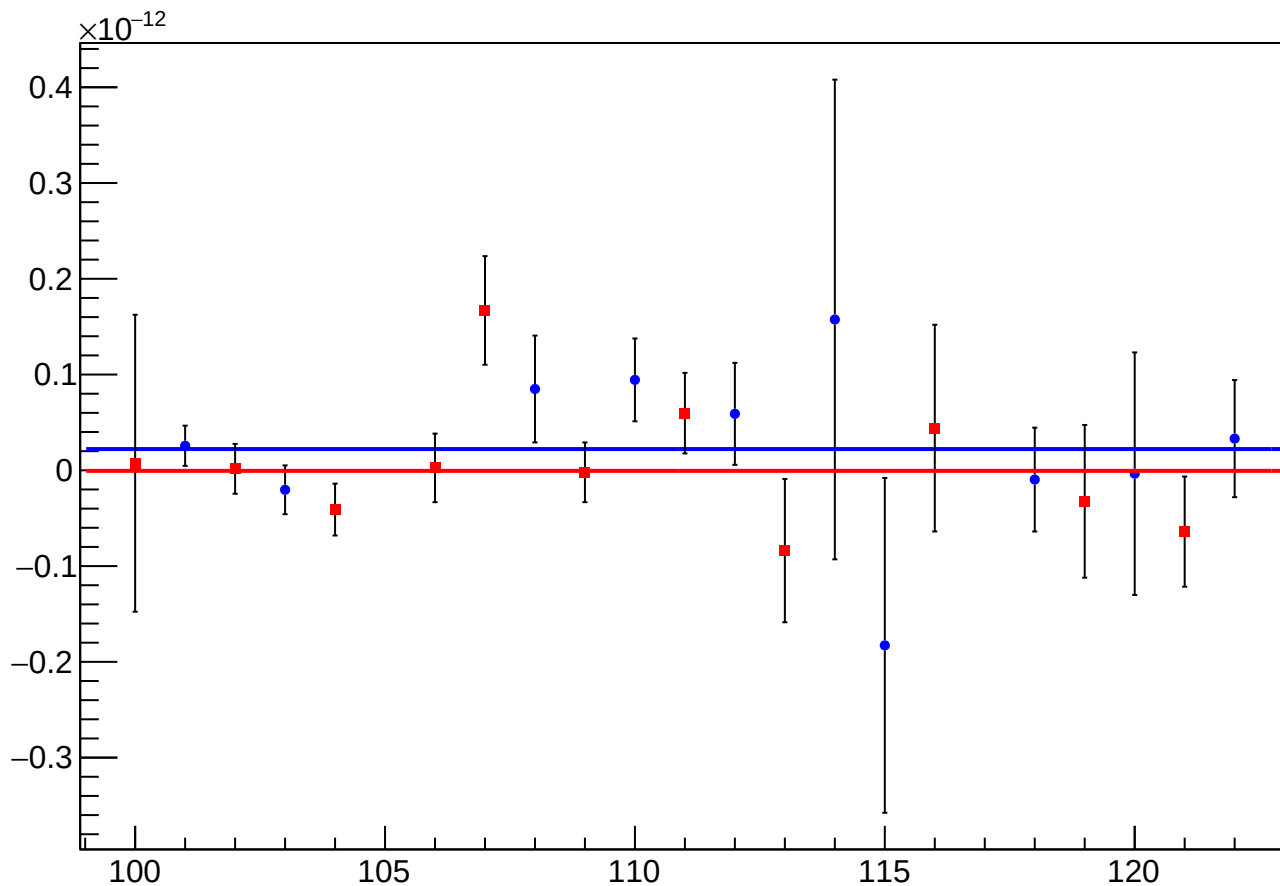
Right: 155.089+/-0.043 χ^2/NDF : 4185530.5/20

In: 168.361+/-0.068 χ^2/NDF : 1987013.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.089+/-0.043 χ^2/NDF : 4185530.5/20

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 : 15.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

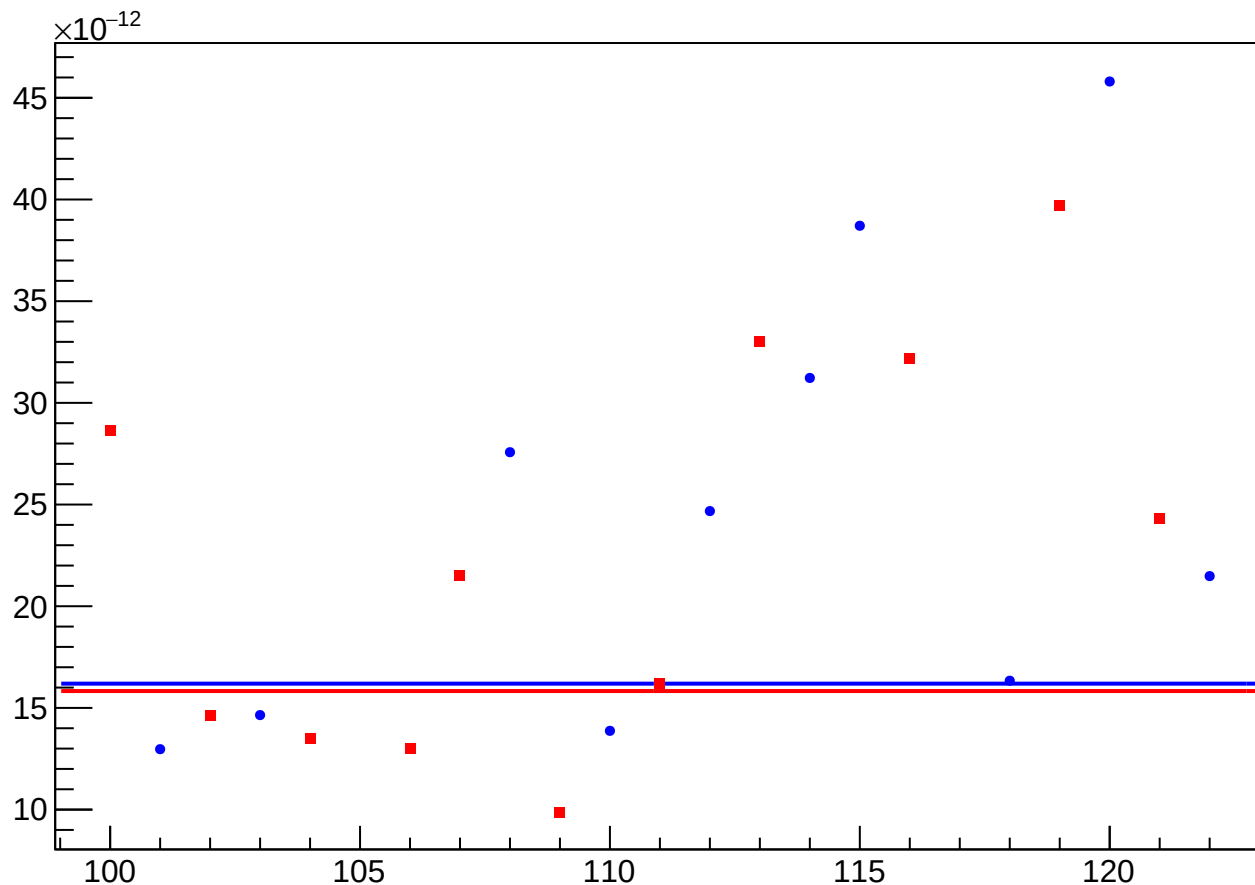
Right: 0.000+/-0.000 χ^2/NDF : 26.8/20

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 : 26.8/20

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 : 513304.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

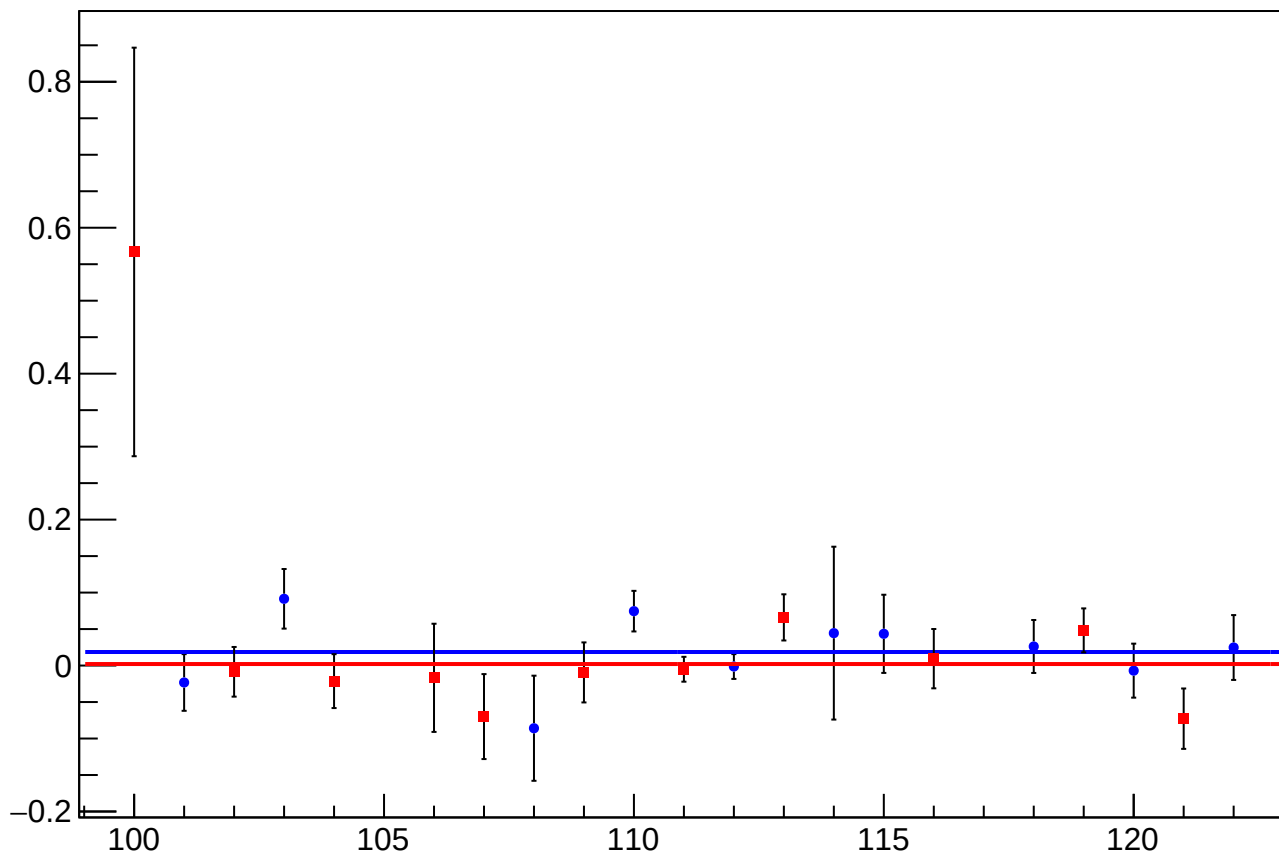
Right: 0.000+/-0.000 χ^2/NDF : 873150.5/20

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 : 873150.5/20

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: 0.002+/-0.010 χ^2/NDF : 16.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

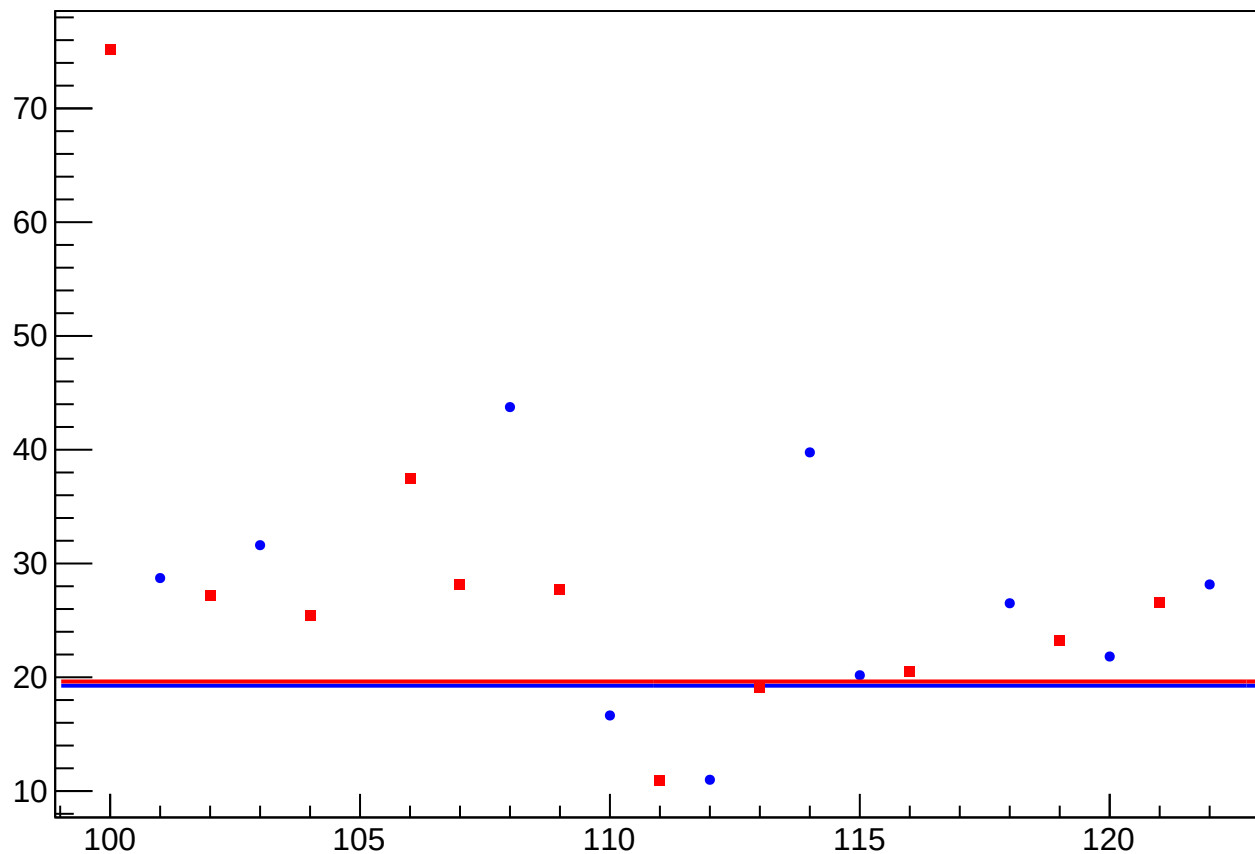
Right: 0.010+/-0.007 χ^2/NDF : 30.0/20

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 : 30.0/20

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: 19.632+/-0.007 χ^2/NDF : 1072508.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

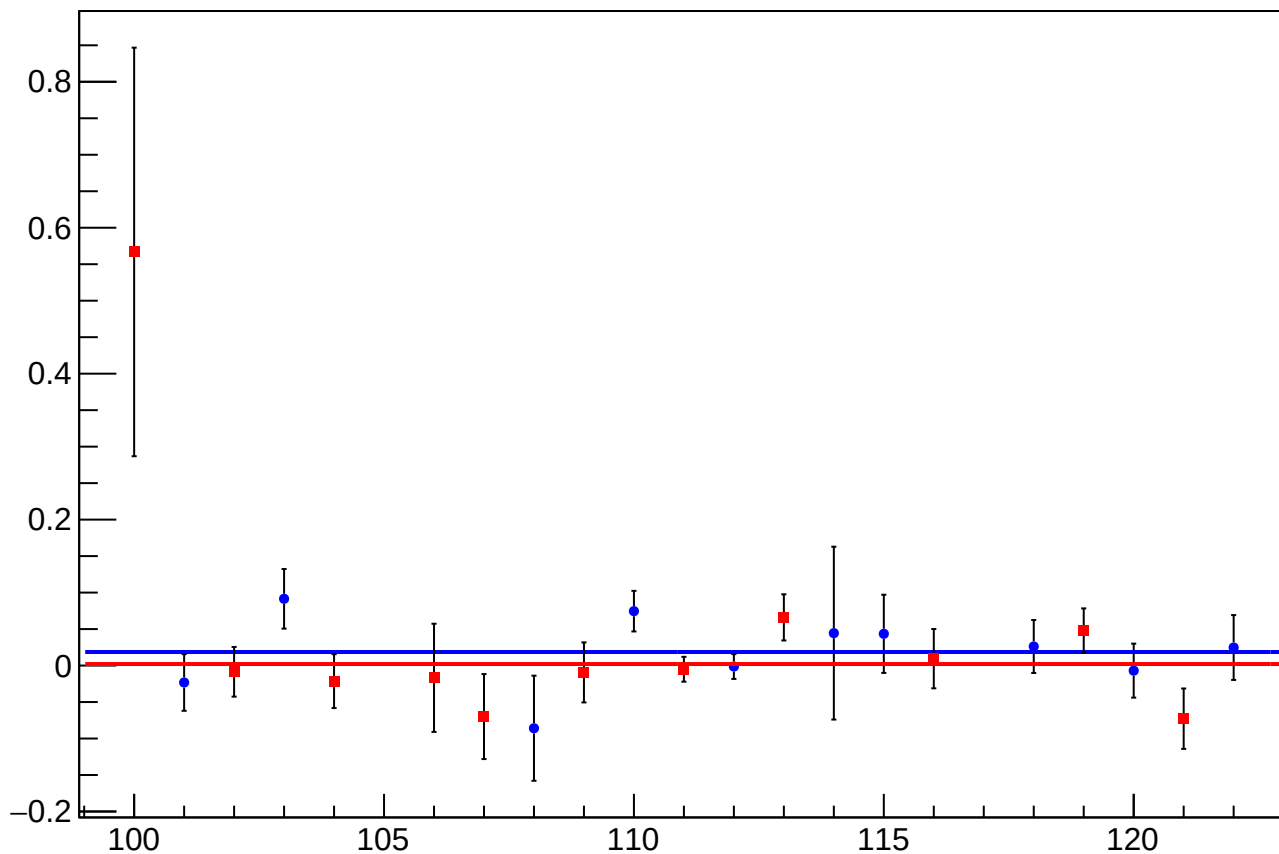
Right: 19.456+/-0.005 χ^2/NDF : 2328024.6/20

In: 19.263+/-0.008 χ^2/NDF : 1254295.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.456+/-0.005 χ^2/NDF : 2328024.6/20

asym_sam8_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: 0.002 $\pm$ 0.010 χ^2 /NDF: 16.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

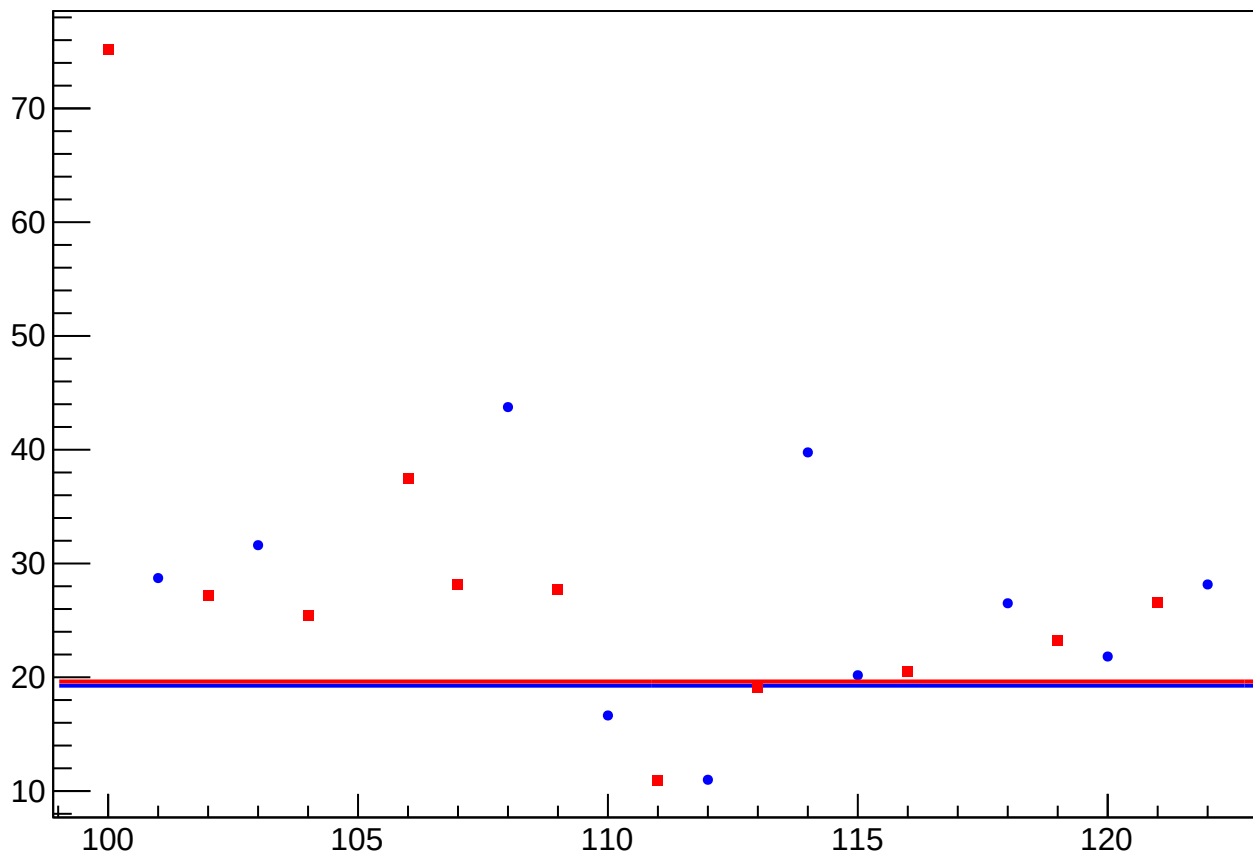
Right: 0.010 $\pm$ 0.007 χ^2 /NDF: 30.0/20

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: 30.0/20

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: 19.632+/-0.007 χ^2/NDF : 1072508.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

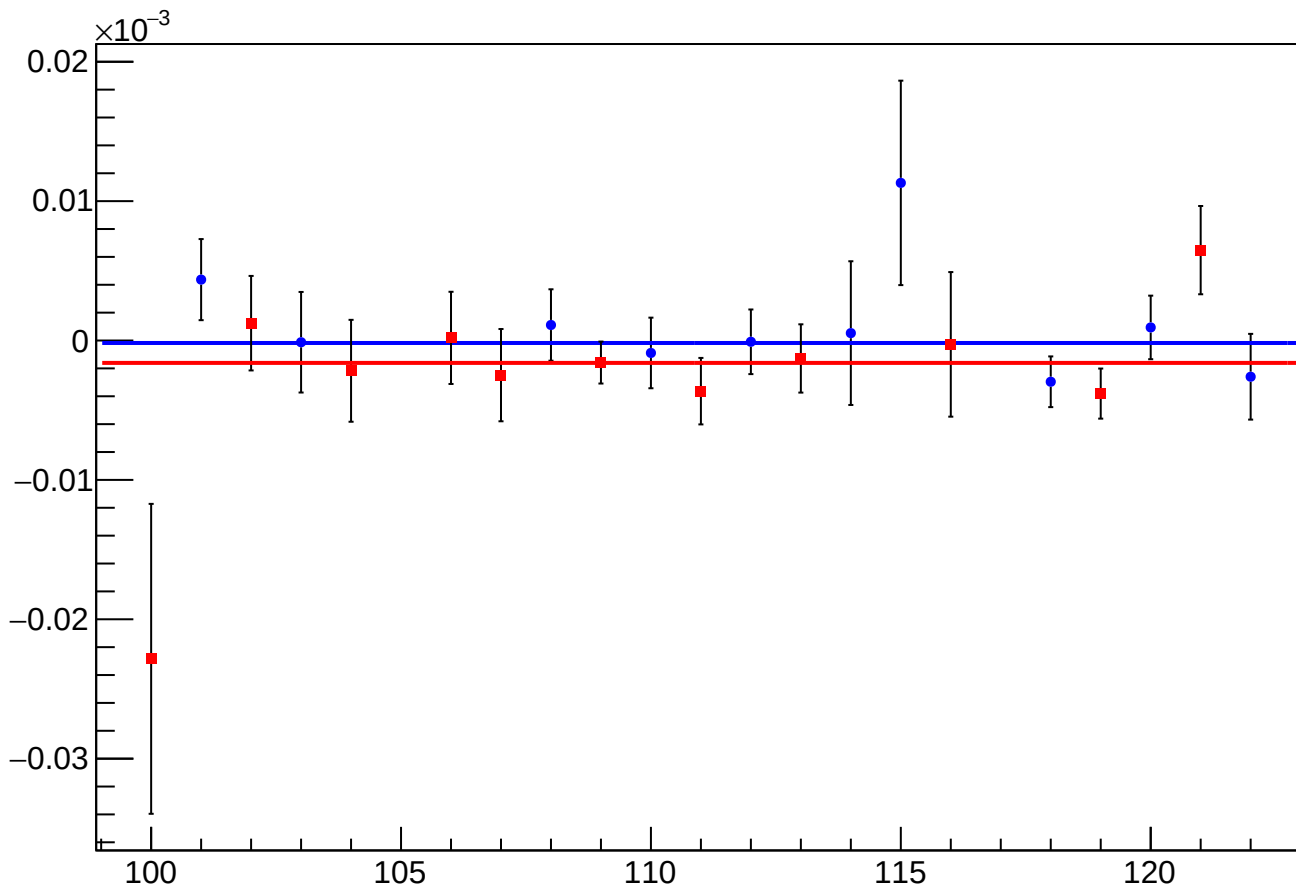
Right: 19.456+/-0.005 χ^2/NDF : 2328024.6/20

In: 19.263+/-0.008 χ^2/NDF : 1254295.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.456+/-0.005 χ^2/NDF : 2328024.6/20

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: 13.6/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

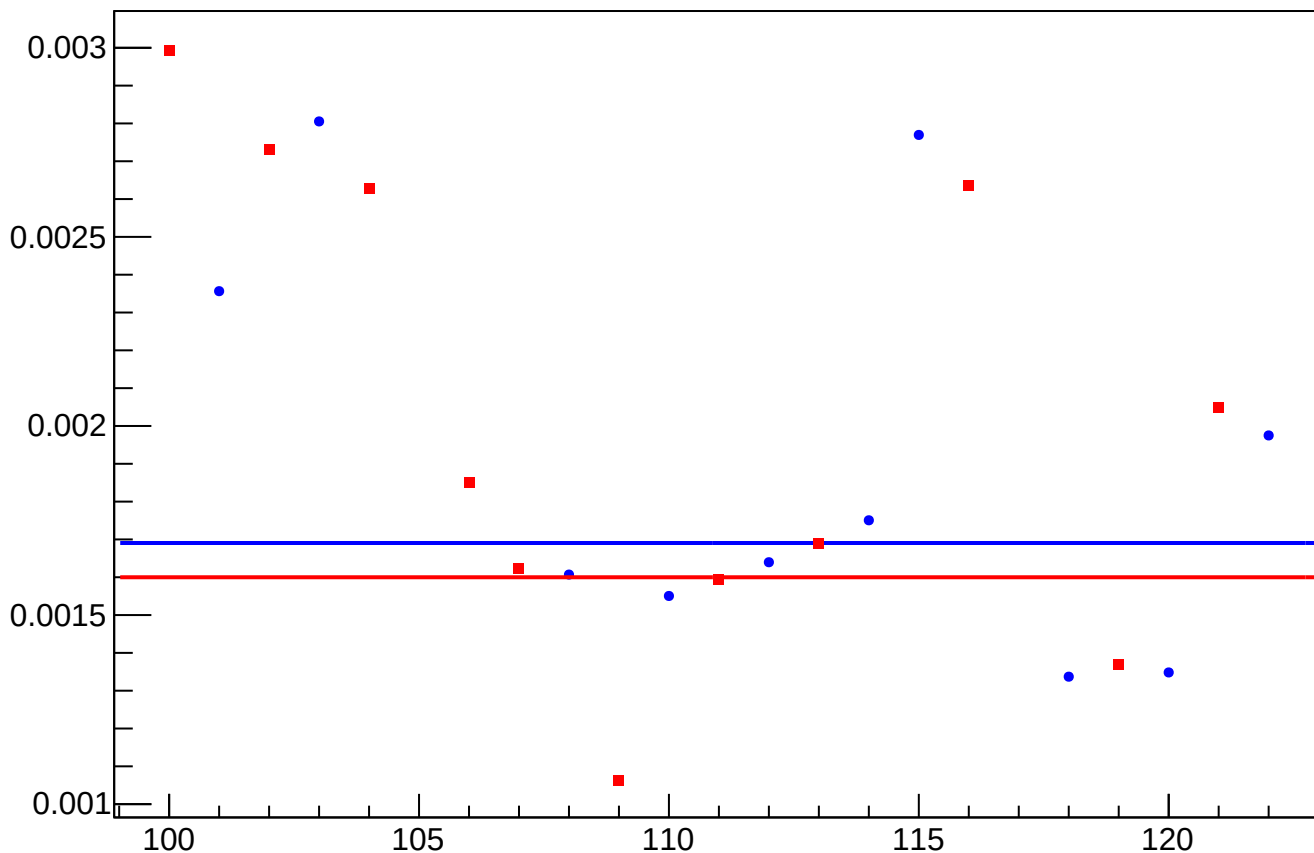
Right: -0.000+/-0.000 χ^2 /NDF: 23.5/20

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: 23.5/20

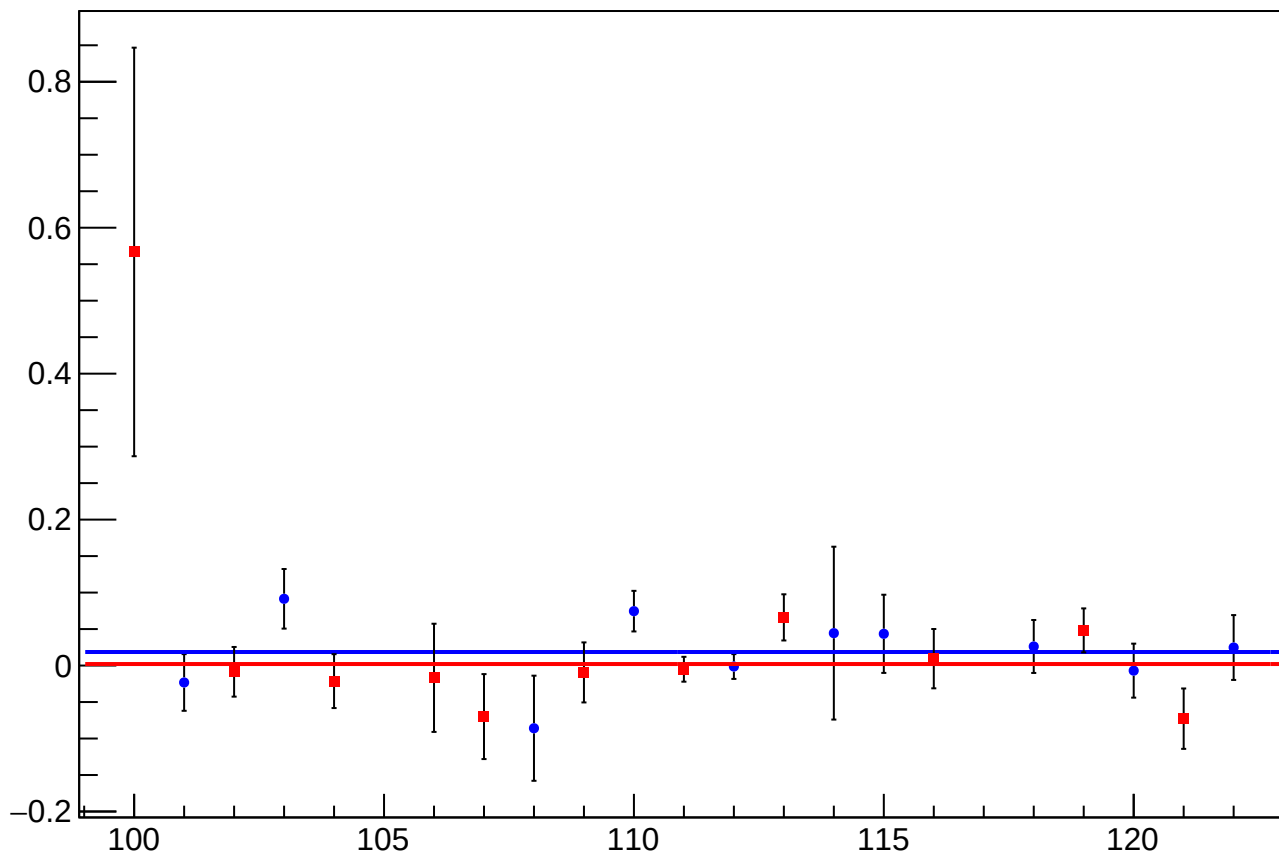
asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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 : 833800.9/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 1331970.0/20
 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 : 1331970.0/20

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: 0.002+/-0.010 χ^2/NDF : 16.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

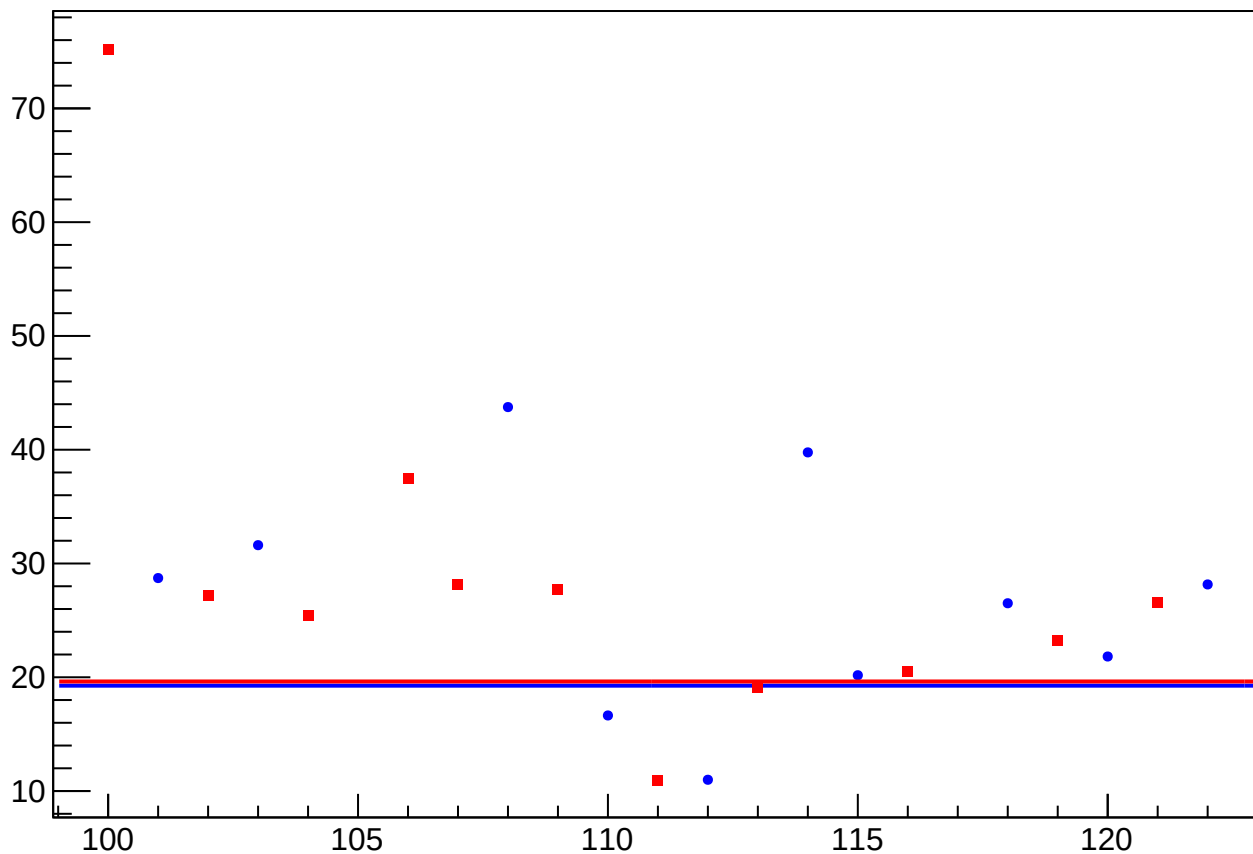
Right: 0.010+/-0.007 χ^2/NDF : 30.0/20

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 : 30.0/20

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: 19.631+/-0.007 χ^2/NDF : 1072646.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

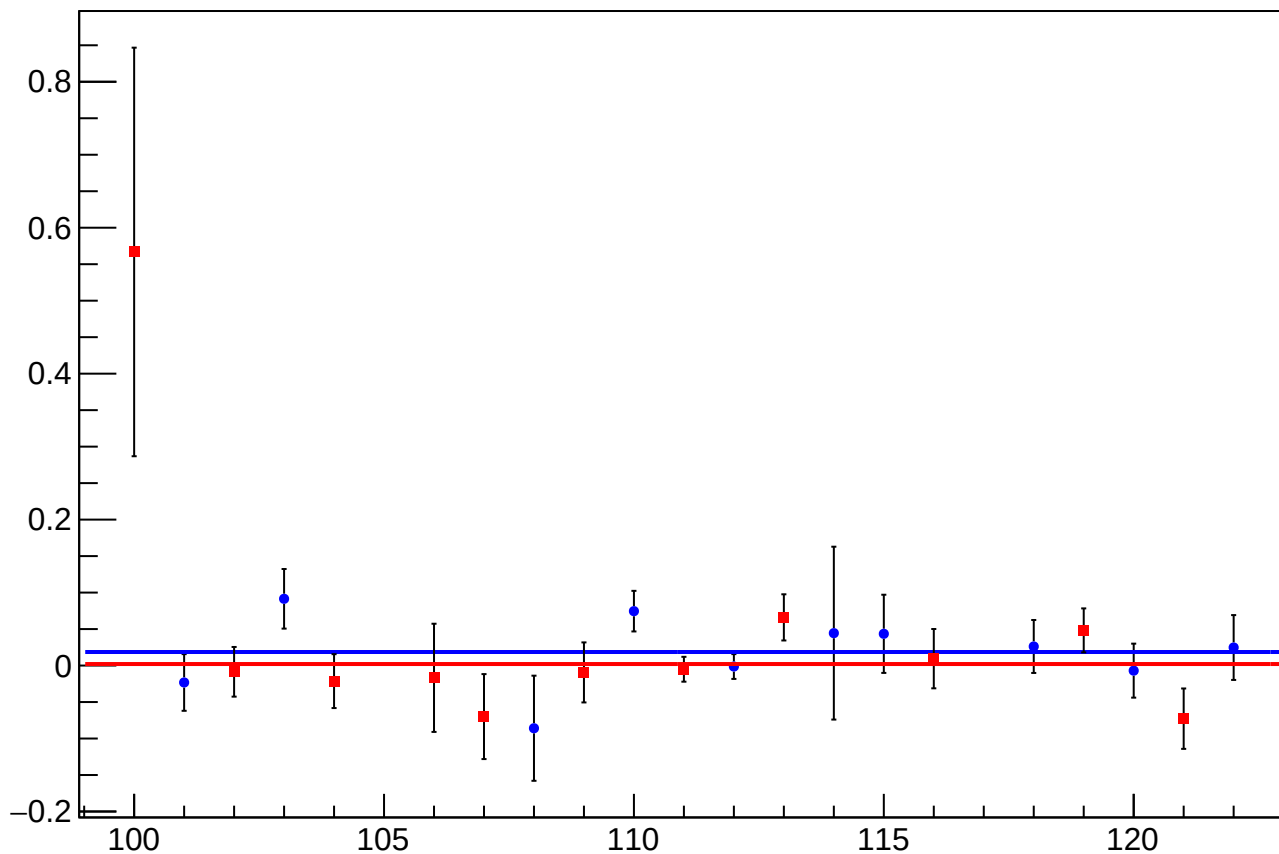
Right: 19.455+/-0.005 χ^2/NDF : 2328303.0/20

In: 19.263+/-0.008 χ^2/NDF : 1254435.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.455+/-0.005 χ^2/NDF : 2328303.0/20

asym_sam8_eigen_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: 0.002+/-0.010 χ^2/NDF : 16.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

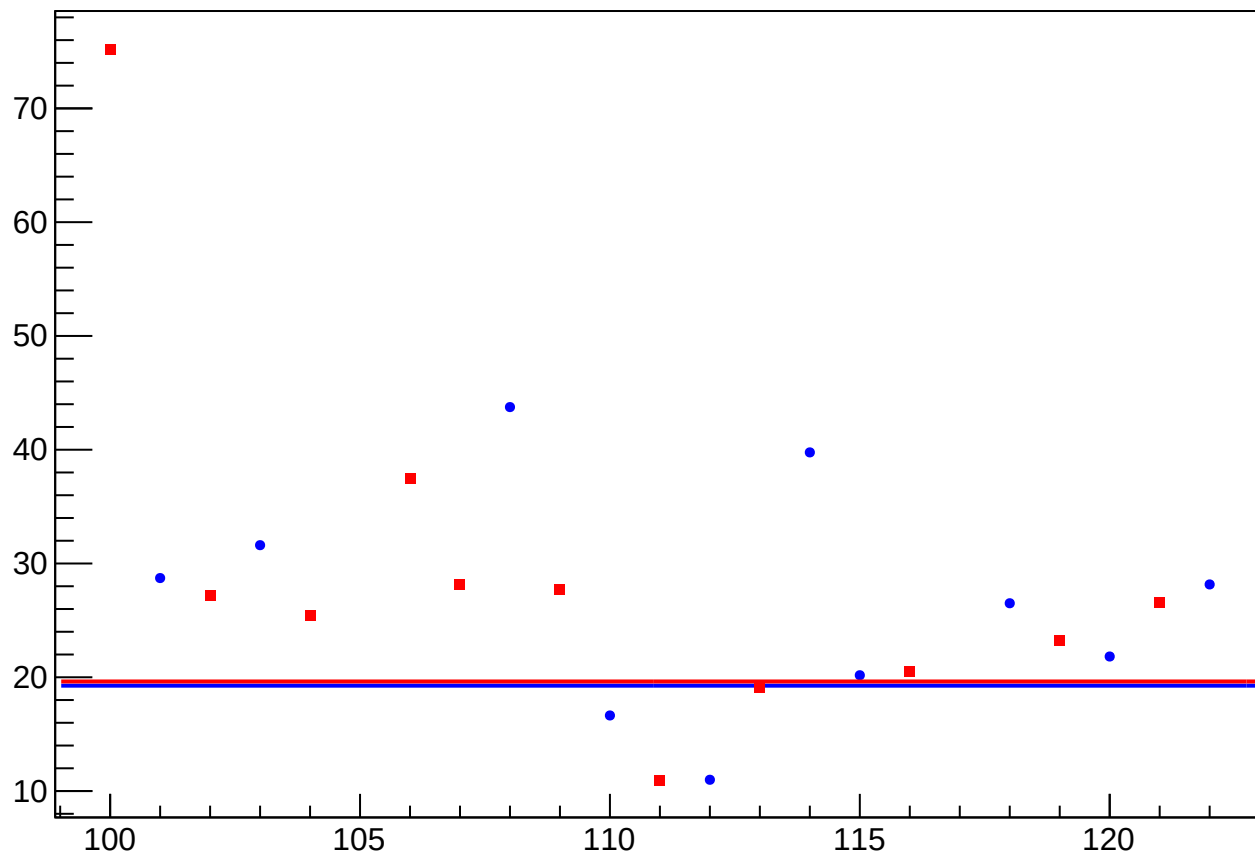
Right: 0.010+/-0.007 χ^2/NDF : 30.0/20

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 : 30.0/20

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: 19.631+/-0.007 χ^2/NDF : 1072646.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

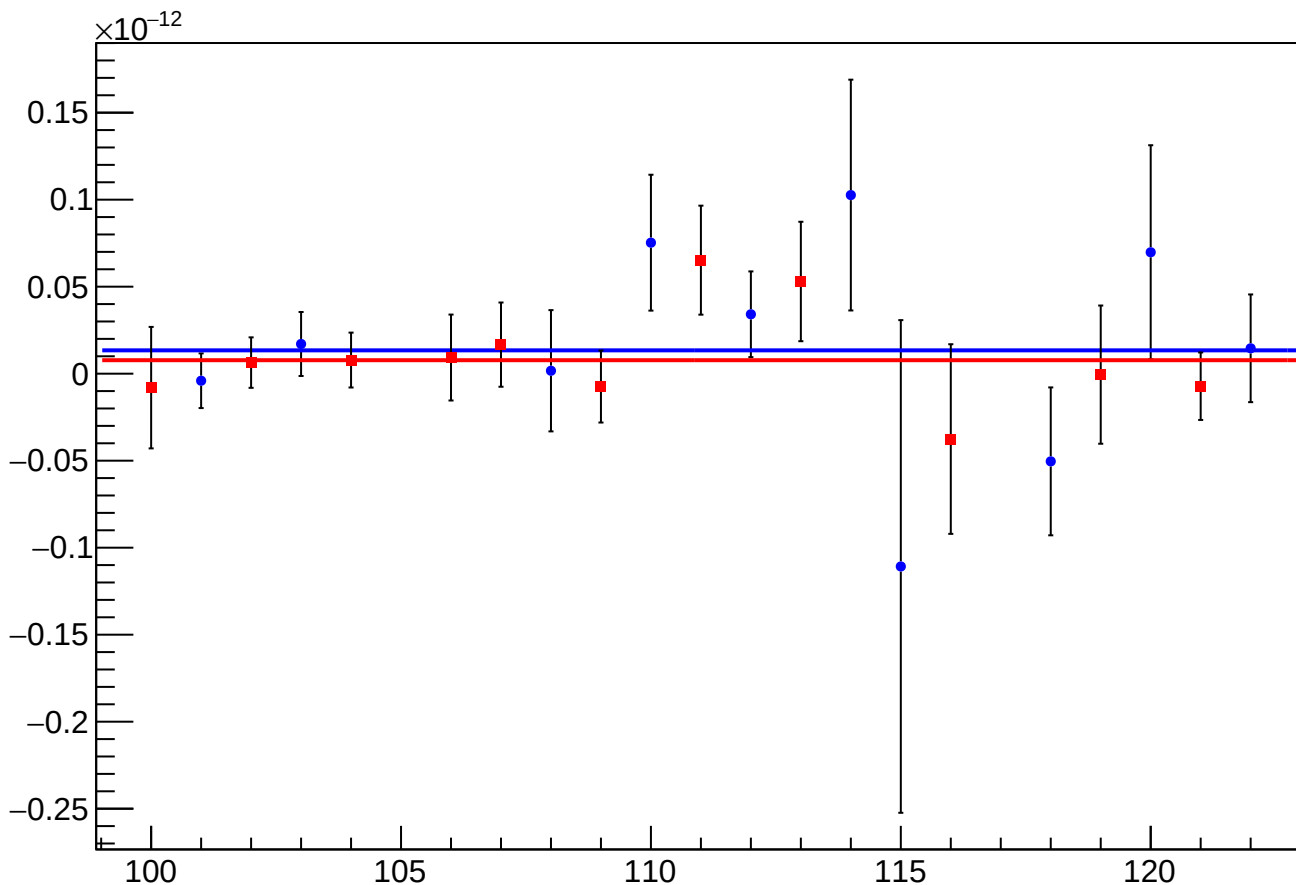
Right: 19.455+/-0.005 χ^2/NDF : 2328303.0/20

In: 19.263+/-0.008 χ^2/NDF : 1254435.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.455+/-0.005 χ^2/NDF : 2328303.0/20

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 : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

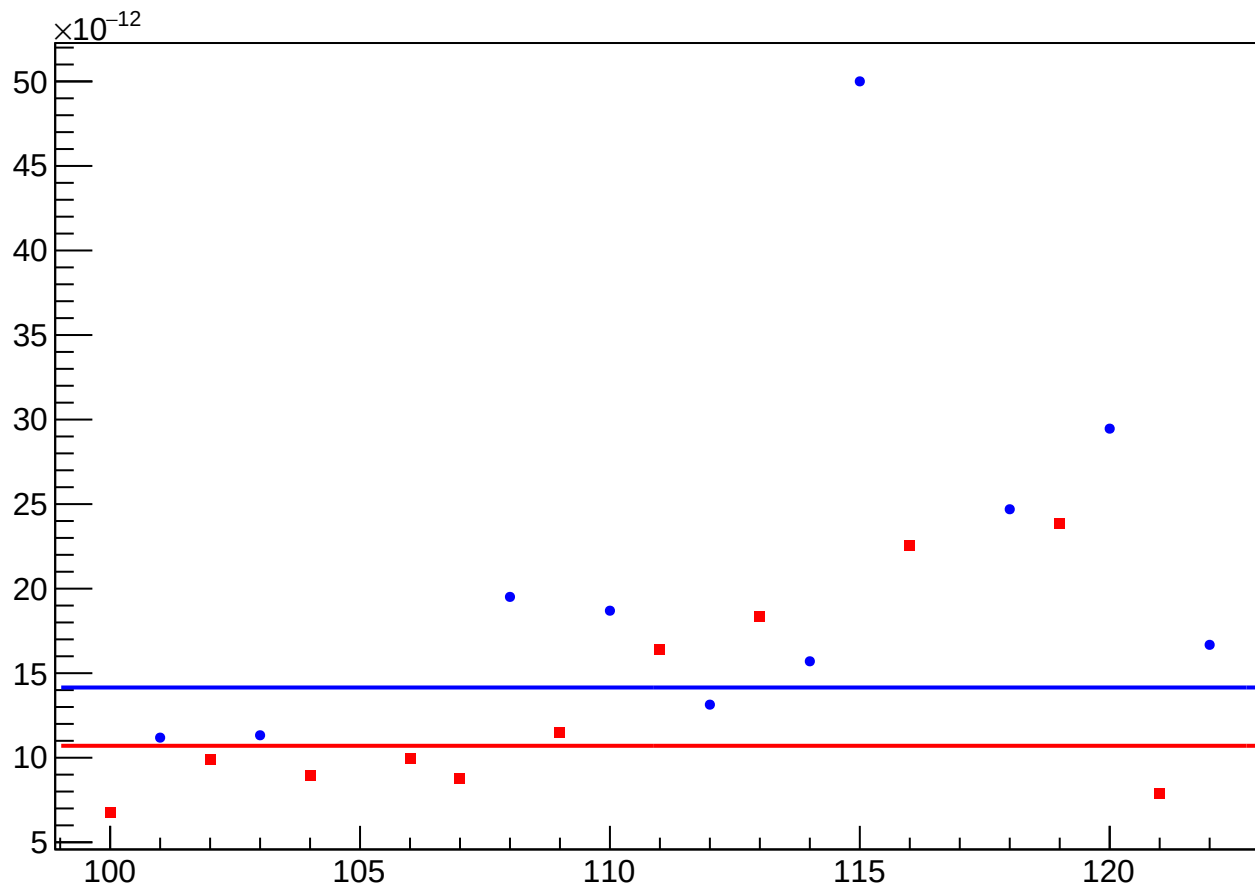
Right: 0.000+/-0.000 χ^2/NDF : 17.9/20

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 : 17.9/20

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 : 595869.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

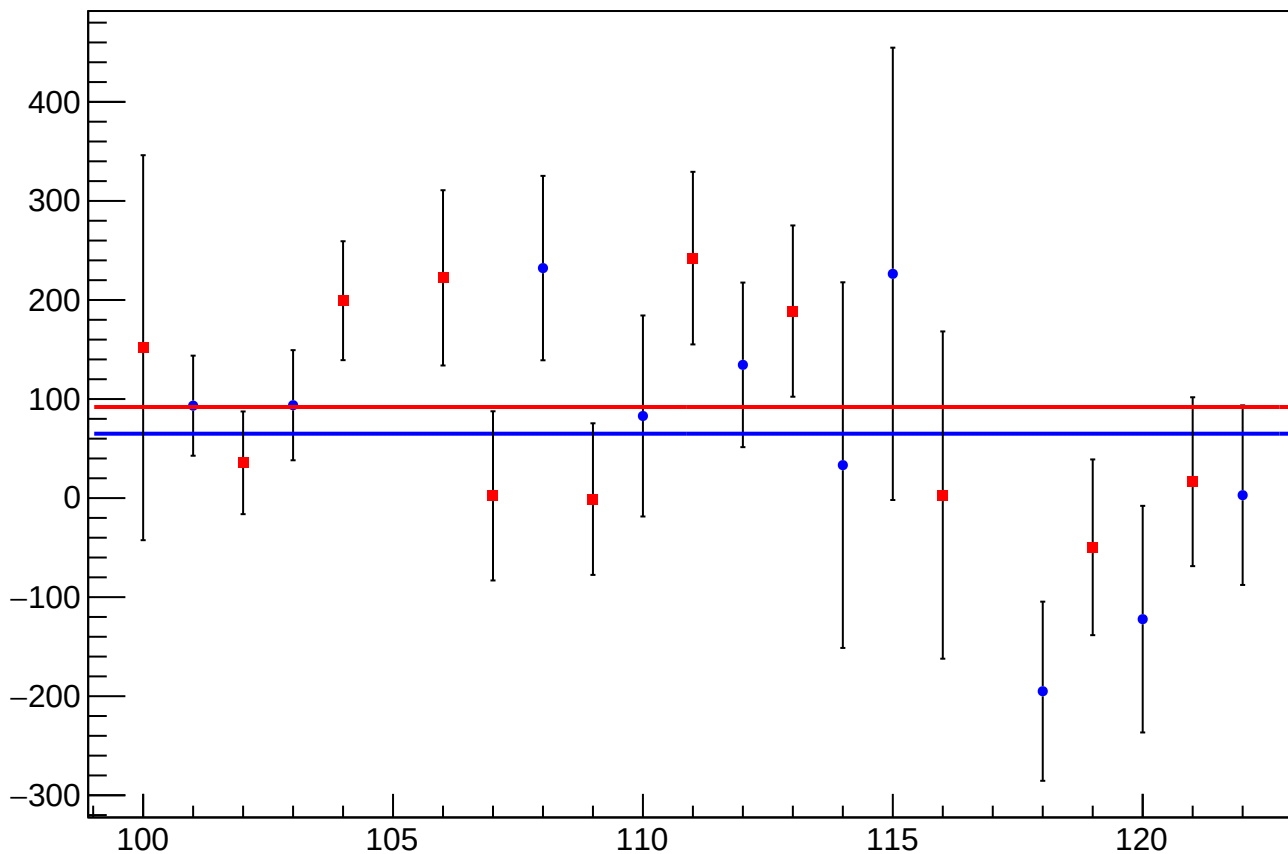
Right: 0.000+/-0.000 χ^2/NDF : 1365292.8/20

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 : 1365292.8/20

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: 91.967+/-24.407 χ^2/NDF : 17.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

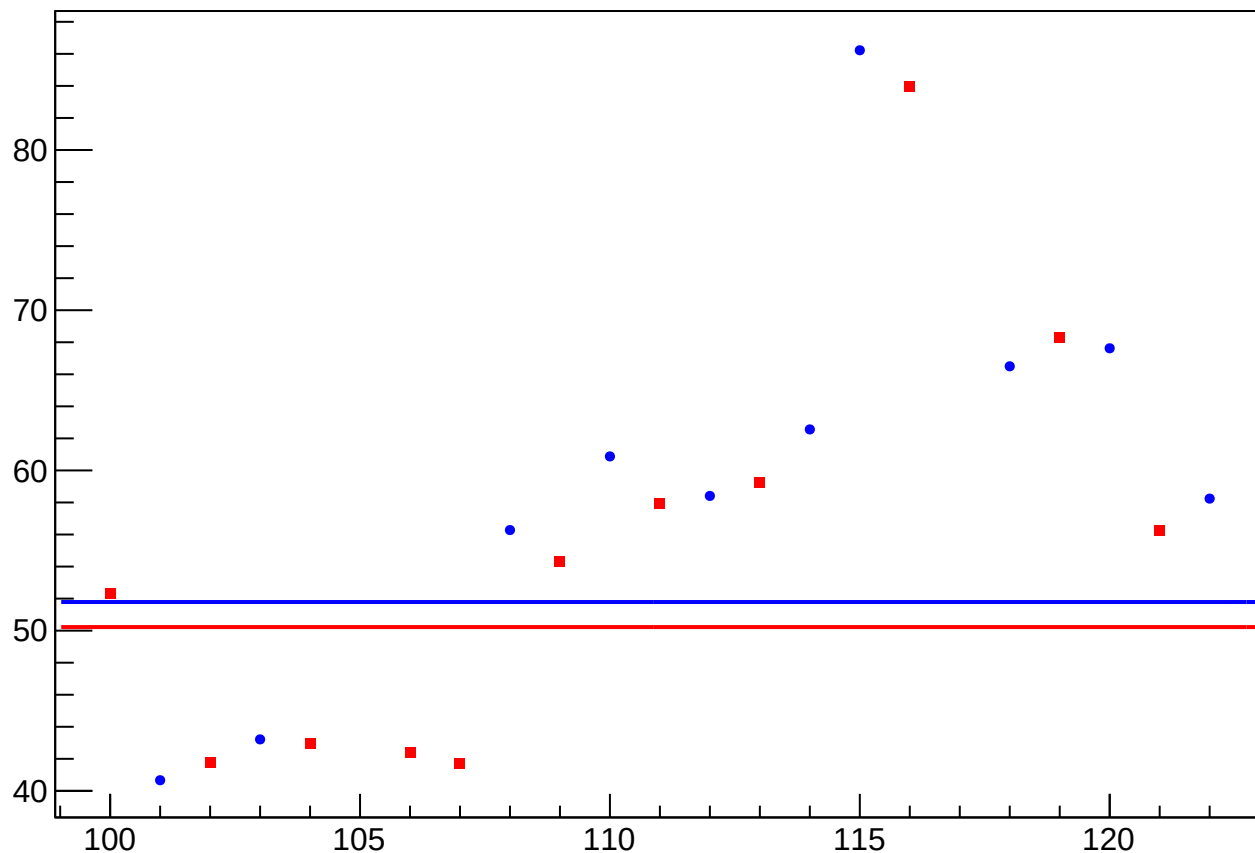
Right: 79.513+/-17.902 χ^2/NDF : 34.1/20

In: 65.012+/-26.336 χ^2/NDF : 16.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.513+/-17.902 χ^2/NDF : 34.1/20

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: 50.224+/-0.017 χ^2/NDF : 338017.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

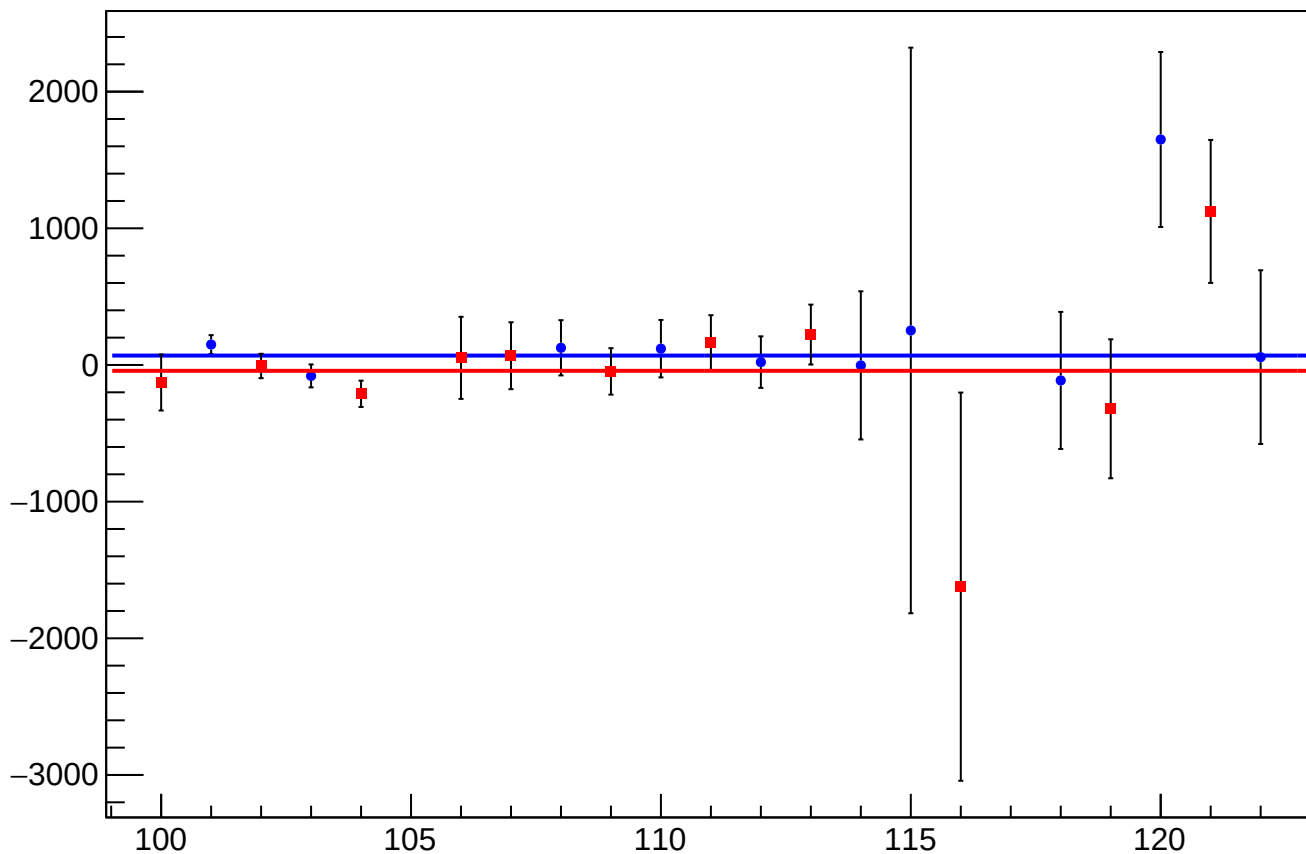
Right: 50.946+/-0.013 χ^2/NDF : 673457.0/20

In: 51.787+/-0.019 χ^2/NDF : 331647.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.946+/-0.013 χ^2/NDF : 673457.0/20

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: -42.826+/-51.769 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

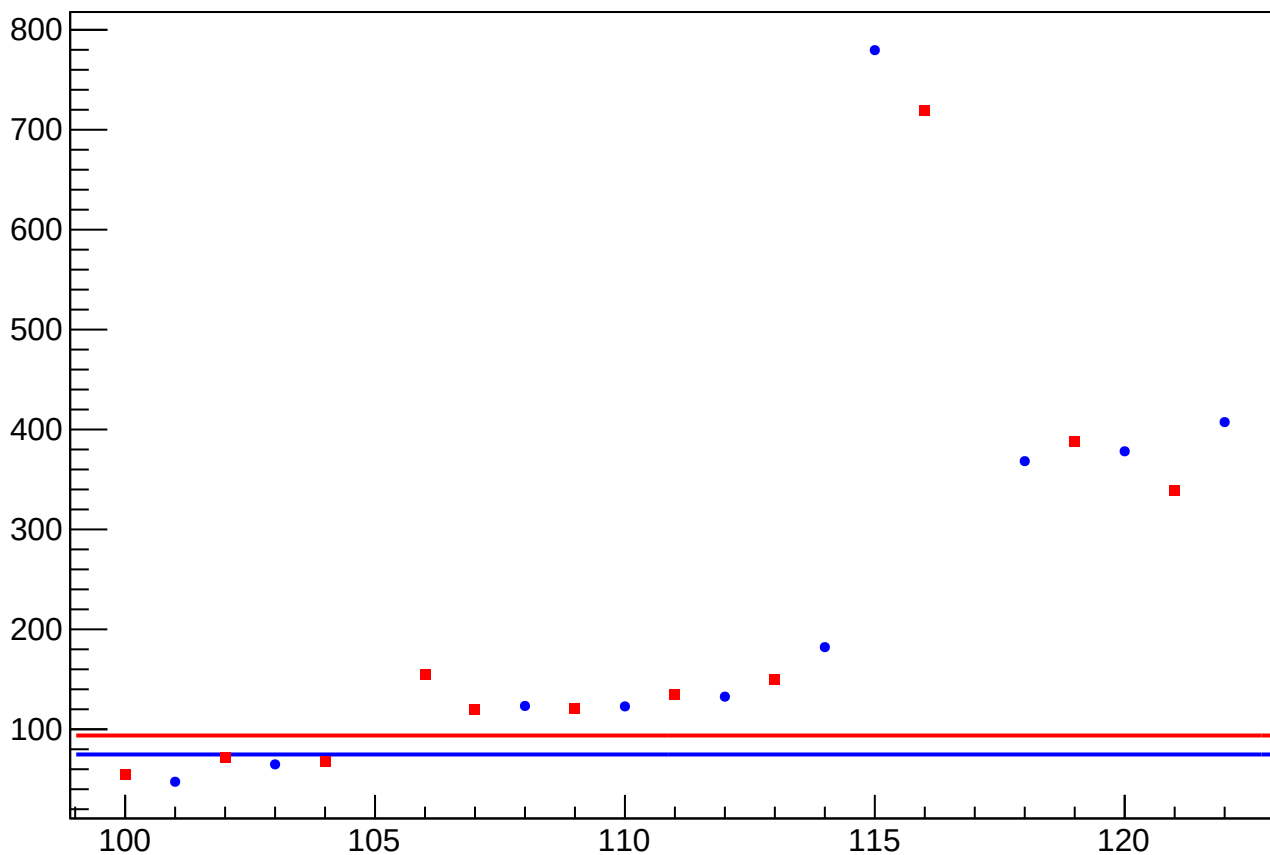
Right: 17.693+/-35.050 χ^2/NDF : 26.2/20

In: 68.913+/-47.626 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.693+/-35.050 χ^2/NDF : 26.2/20

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: 93.771+/-0.037 χ^2/NDF : 2215909.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

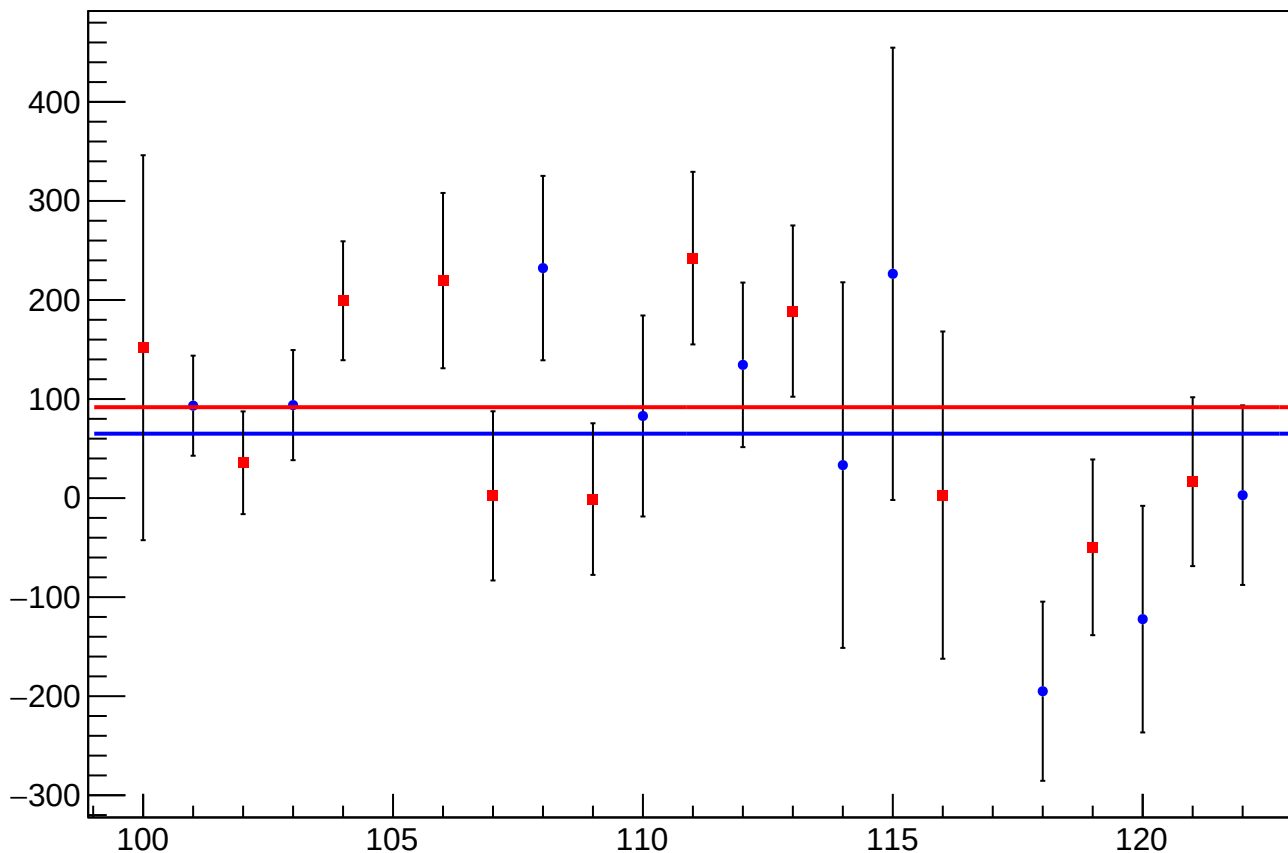
Right: 83.481+/-0.025 χ^2/NDF : 5105847.9/20

In: 74.772+/-0.034 χ^2/NDF : 2744044.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.481+/-0.025 χ^2/NDF : 5105847.9/20

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: 91.761+/-24.410 χ^2/NDF : 17.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

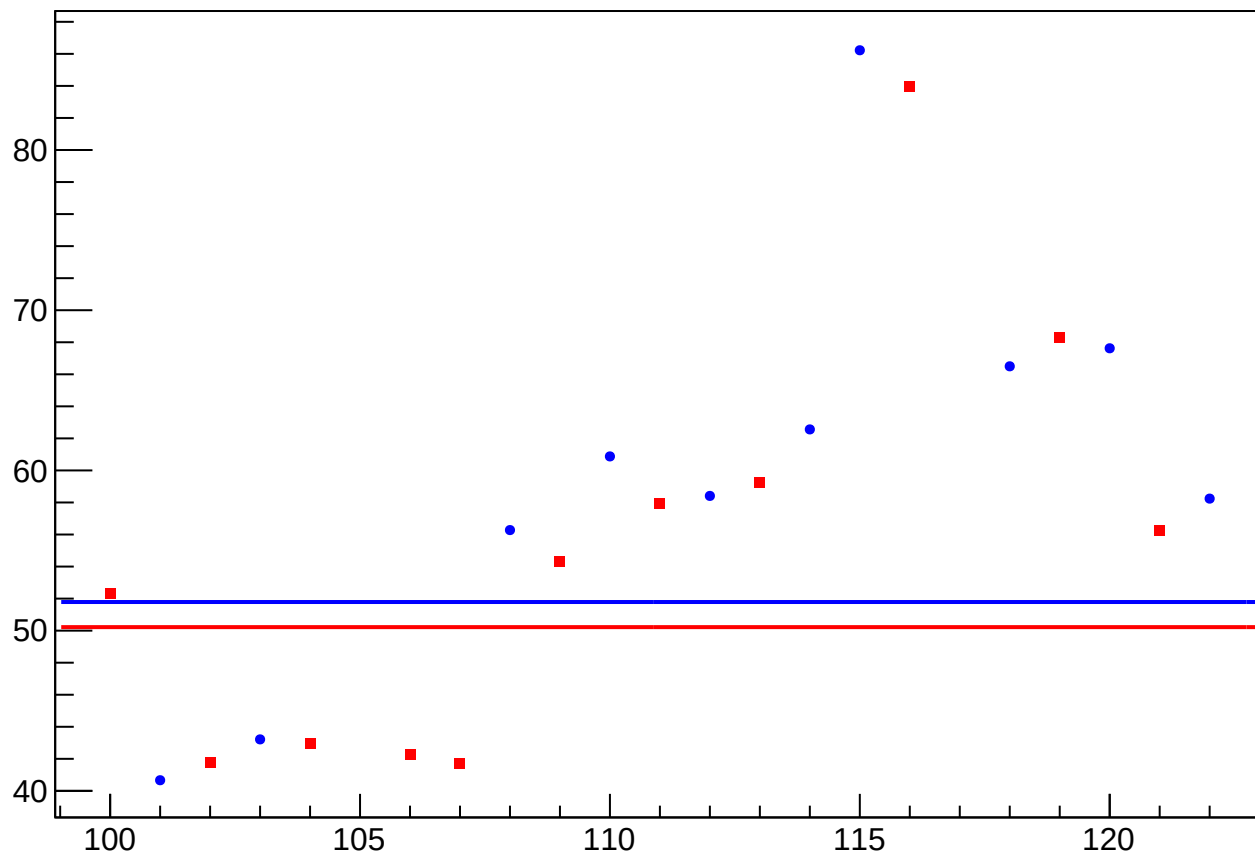
Right: 79.410+/-17.903 χ^2/NDF : 34.0/20

In: 65.032+/-26.336 χ^2/NDF : 16.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.410+/-17.903 χ^2/NDF : 34.0/20

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: 50.220+/-0.017 χ^2/NDF : 338259.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

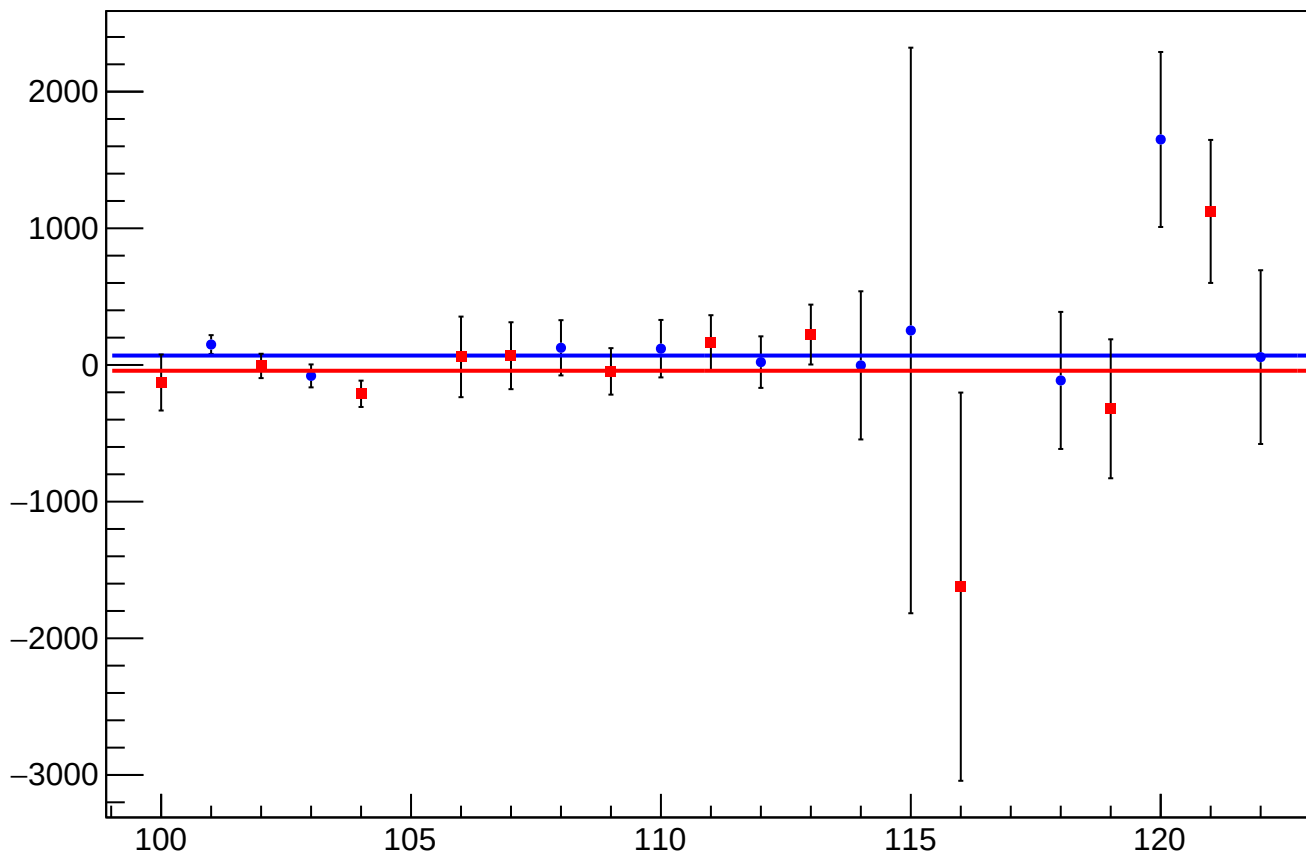
Right: 50.944+/-0.013 χ^2/NDF : 673717.1/20

In: 51.787+/-0.019 χ^2/NDF : 331646.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.944+/-0.013 χ^2/NDF : 673717.1/20

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: -42.329+/-51.722 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

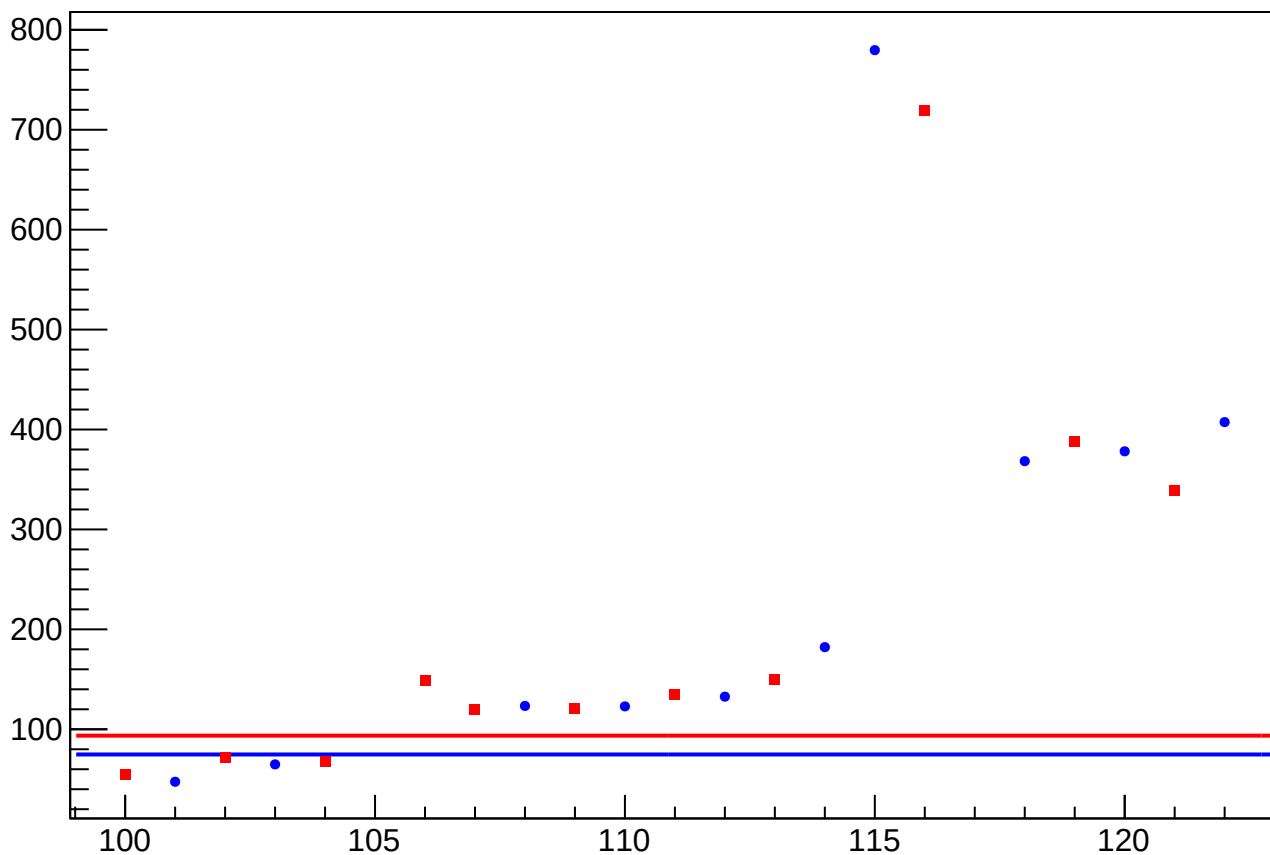
Right: 17.874+/-35.035 χ^2/NDF : 26.2/20

In: 68.916+/-47.625 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.874+/-35.035 χ^2/NDF : 26.2/20

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: 93.608+/-0.037 χ^2/NDF : 2204089.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

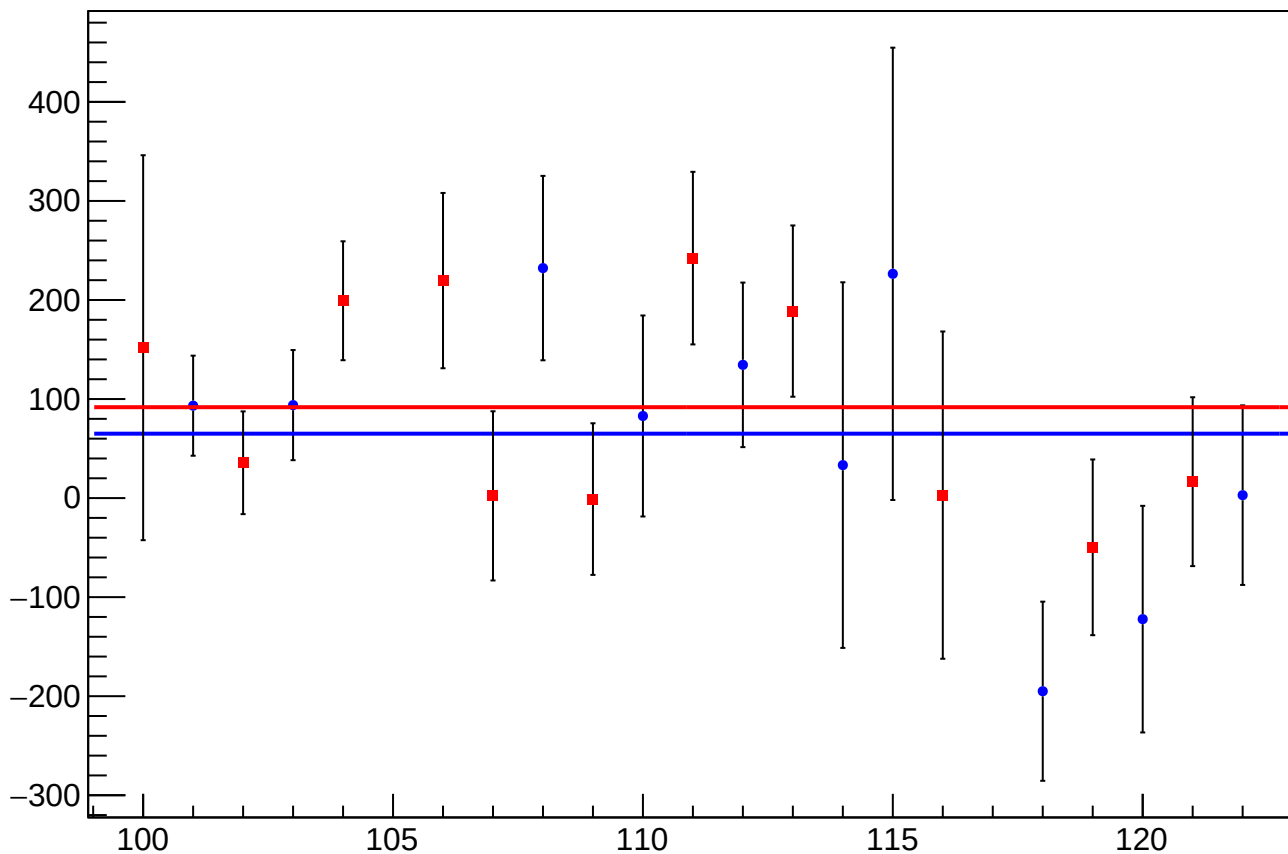
Right: 83.414+/-0.025 χ^2/NDF : 5091734.2/20

In: 74.770+/-0.034 χ^2/NDF : 2744067.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.414+/-0.025 χ^2/NDF : 5091734.2/20

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: 91.761+/-24.410 χ^2/NDF : 17.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

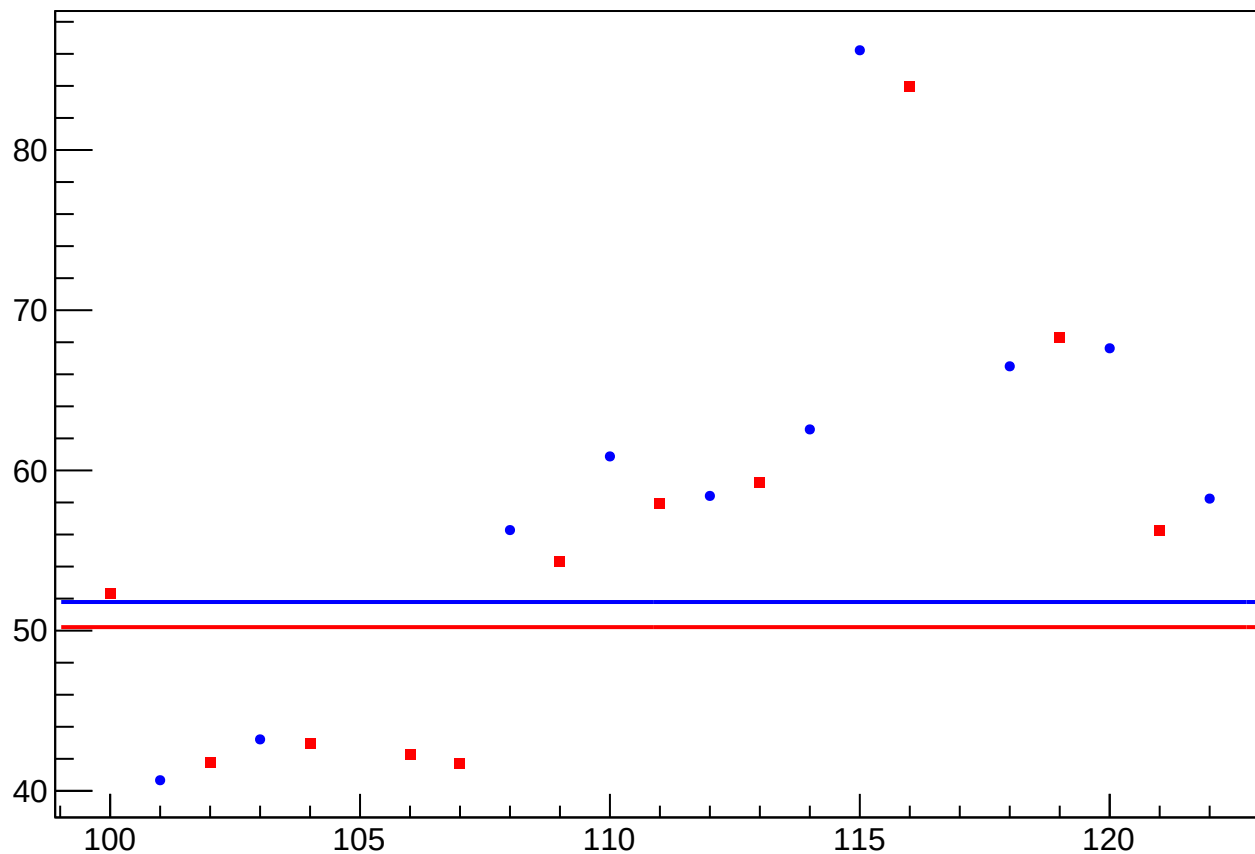
Right: 79.410+/-17.903 χ^2/NDF : 34.0/20

In: 65.032+/-26.336 χ^2/NDF : 16.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.410+/-17.903 χ^2/NDF : 34.0/20

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: 50.220 $\pm$ 0.017 χ^2 /NDF: 338259.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

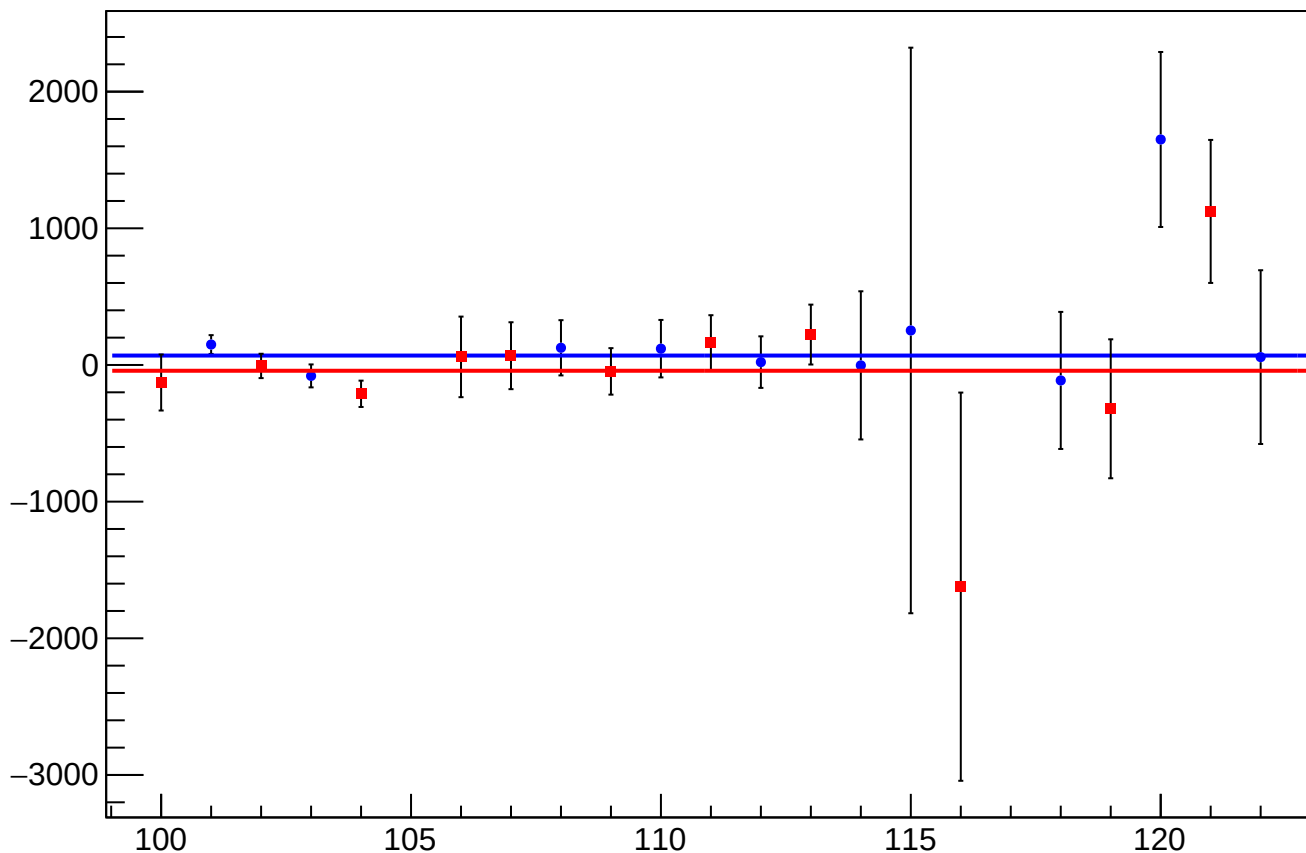
Right: 50.944 $\pm$ 0.013 χ^2 /NDF: 673717.1/20

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: 50.944 $\pm$ 0.013 χ^2 /NDF: 673717.1/20

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: -42.329+/-51.722 χ^2/NDF : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

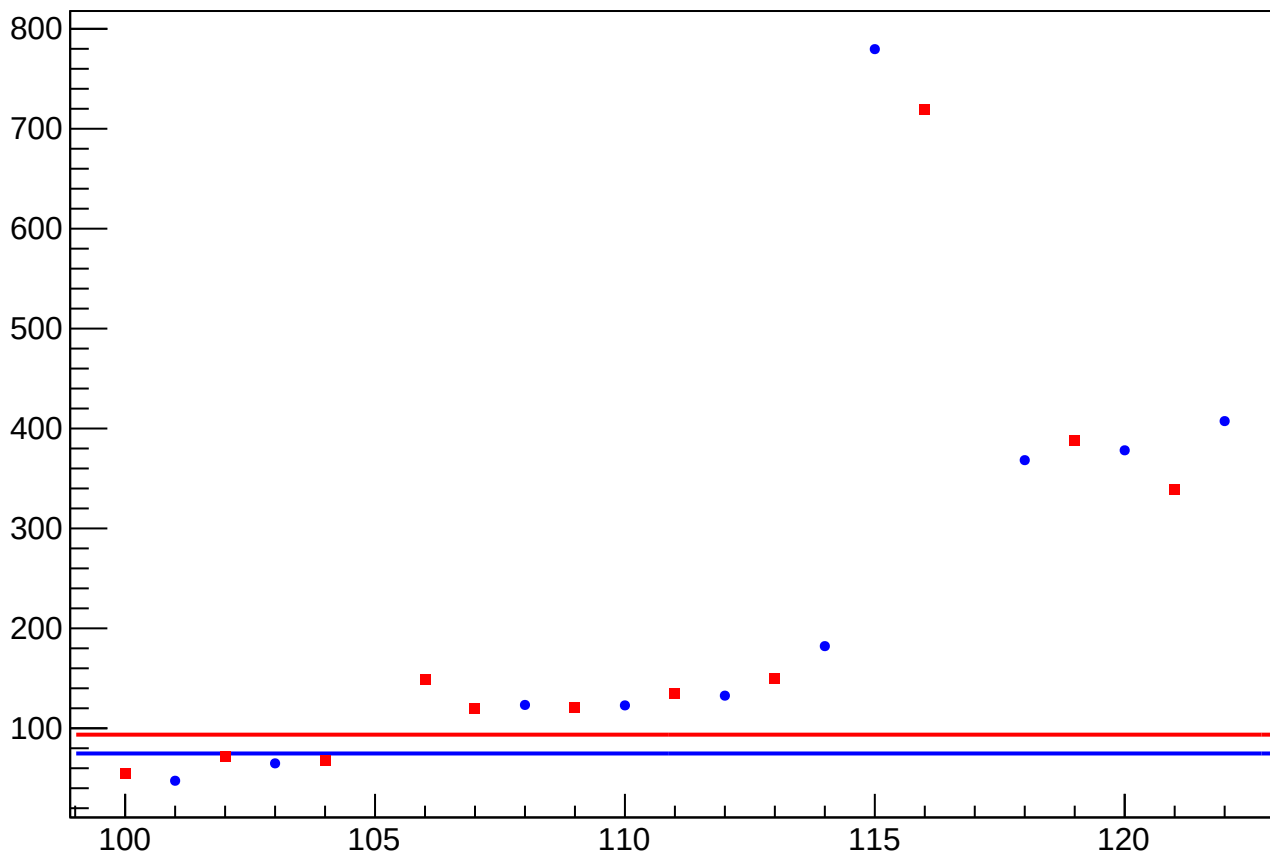
Right: 17.874+/-35.035 χ^2/NDF : 26.2/20

In: 68.916+/-47.625 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.874+/-35.035 χ^2/NDF : 26.2/20

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: 93.608+/-0.037 χ^2/NDF : 2204089.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

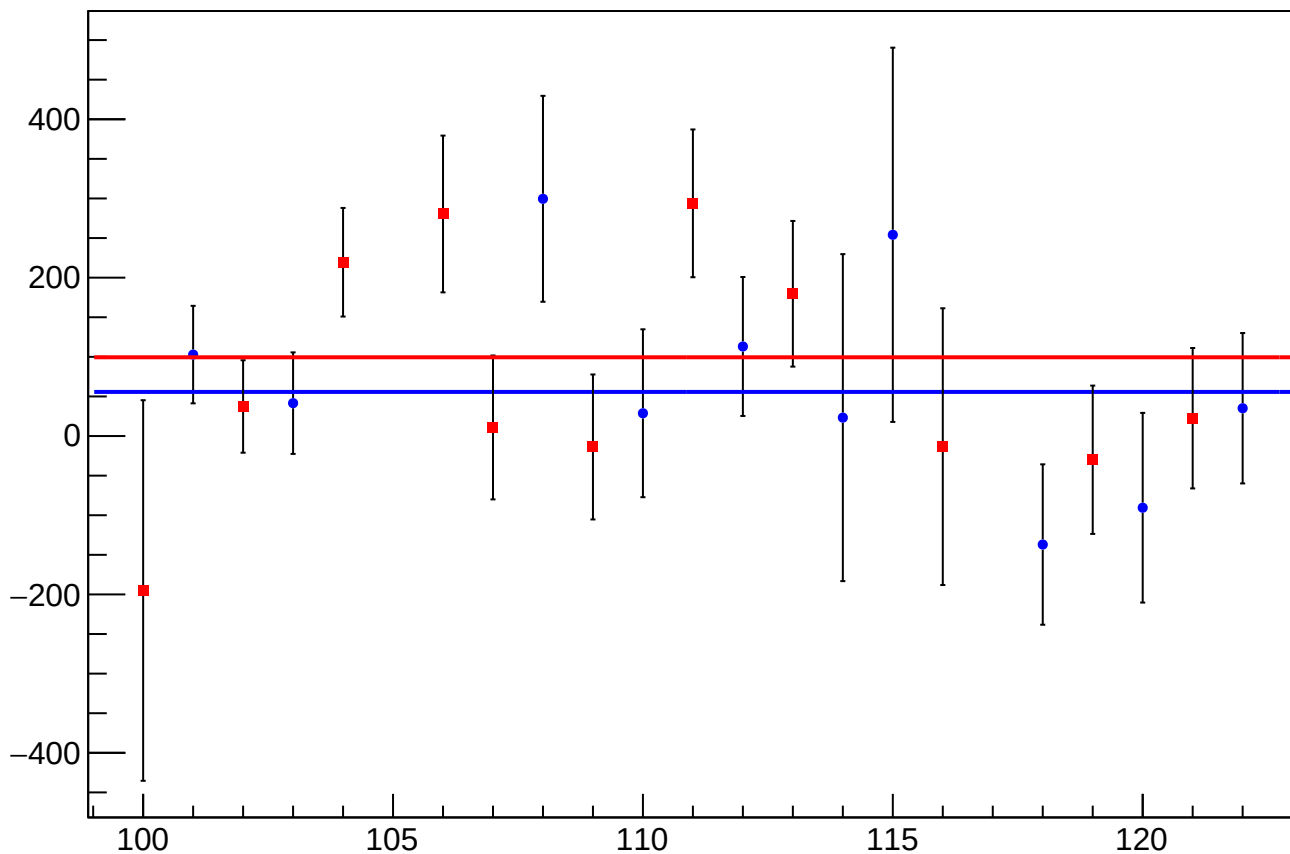
Right: 83.414+/-0.025 χ^2/NDF : 5091734.2/20

In: 74.770+/-0.034 χ^2/NDF : 2744067.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.414+/-0.025 χ^2/NDF : 5091734.2/20

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: 99.443+/-26.987 χ^2/NDF : 19.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

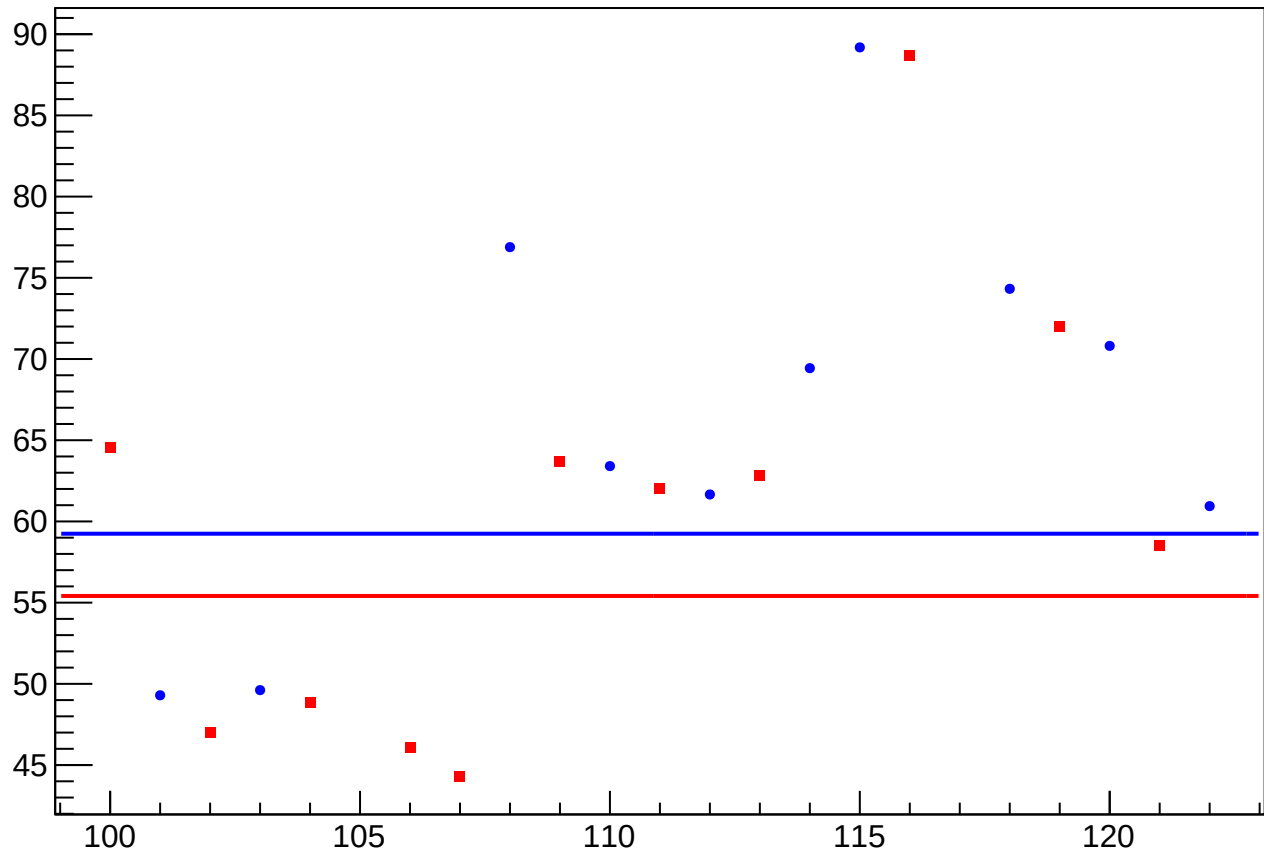
Right: 79.943+/-20.089 χ^2/NDF : 31.4/20

In: 55.708+/-30.086 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.943+/-20.089 χ^2/NDF : 31.4/20

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: 55.411+/-0.019 χ^2/NDF : 288031.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

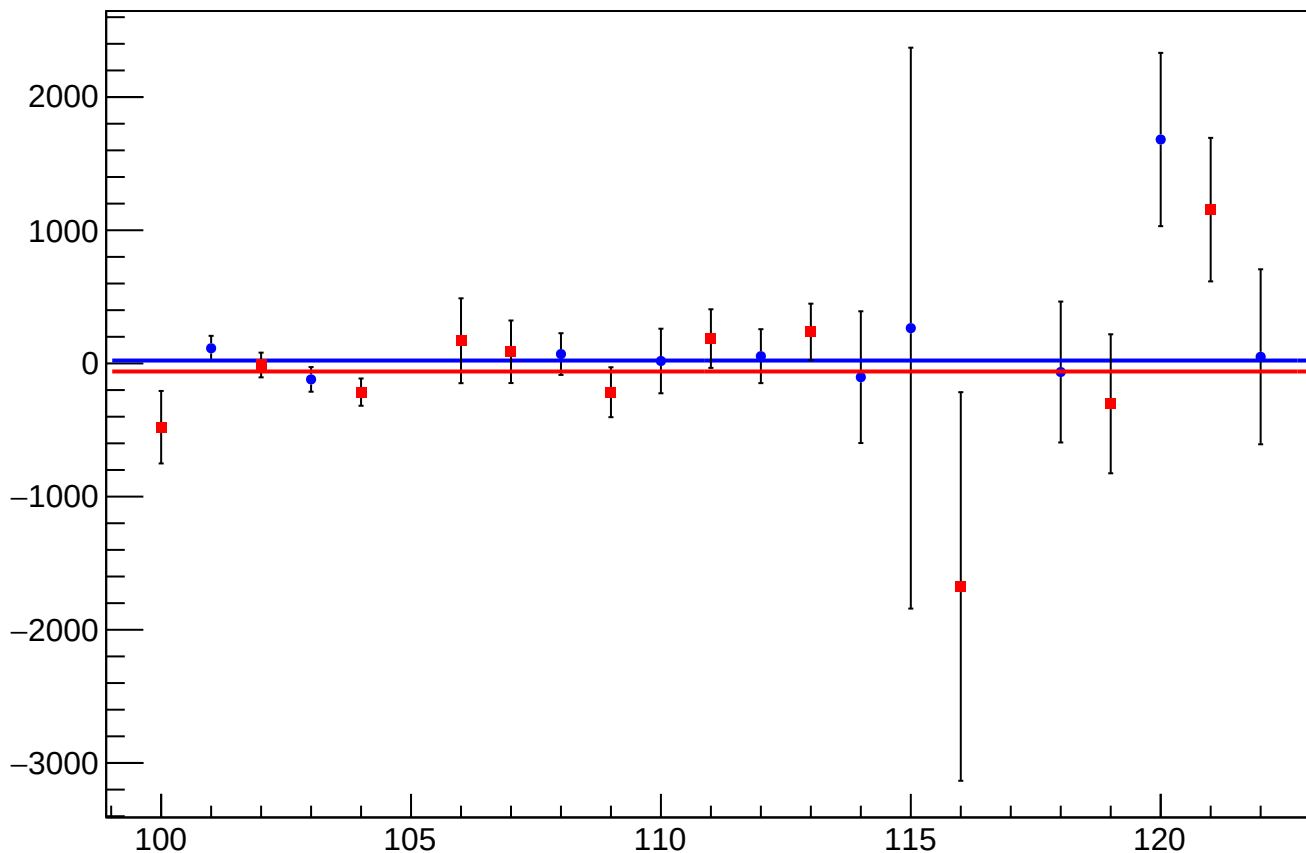
Right: 57.120+/-0.014 χ^2/NDF : 545434.5/20

In: 59.244+/-0.021 χ^2/NDF : 239416.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.120+/-0.014 χ^2/NDF : 545434.5/20

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: -60.432+/-54.891 χ^2/NDF : 16.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

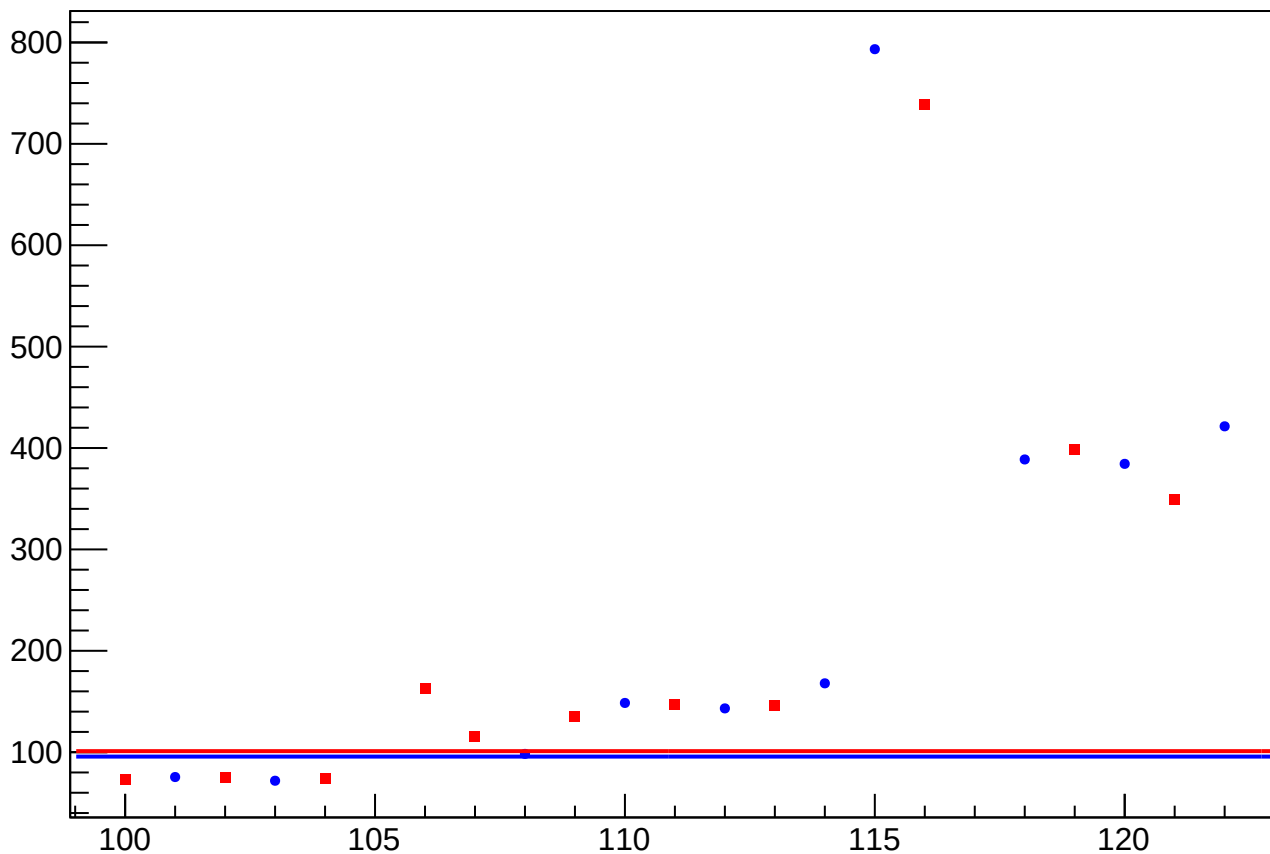
Right: -19.690+/-38.968 χ^2/NDF : 27.5/20

In: 21.705+/-55.330 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.690+/-38.968 χ^2/NDF : 27.5/20

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: 101.033+/-0.039 χ^2/NDF : 2108667.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

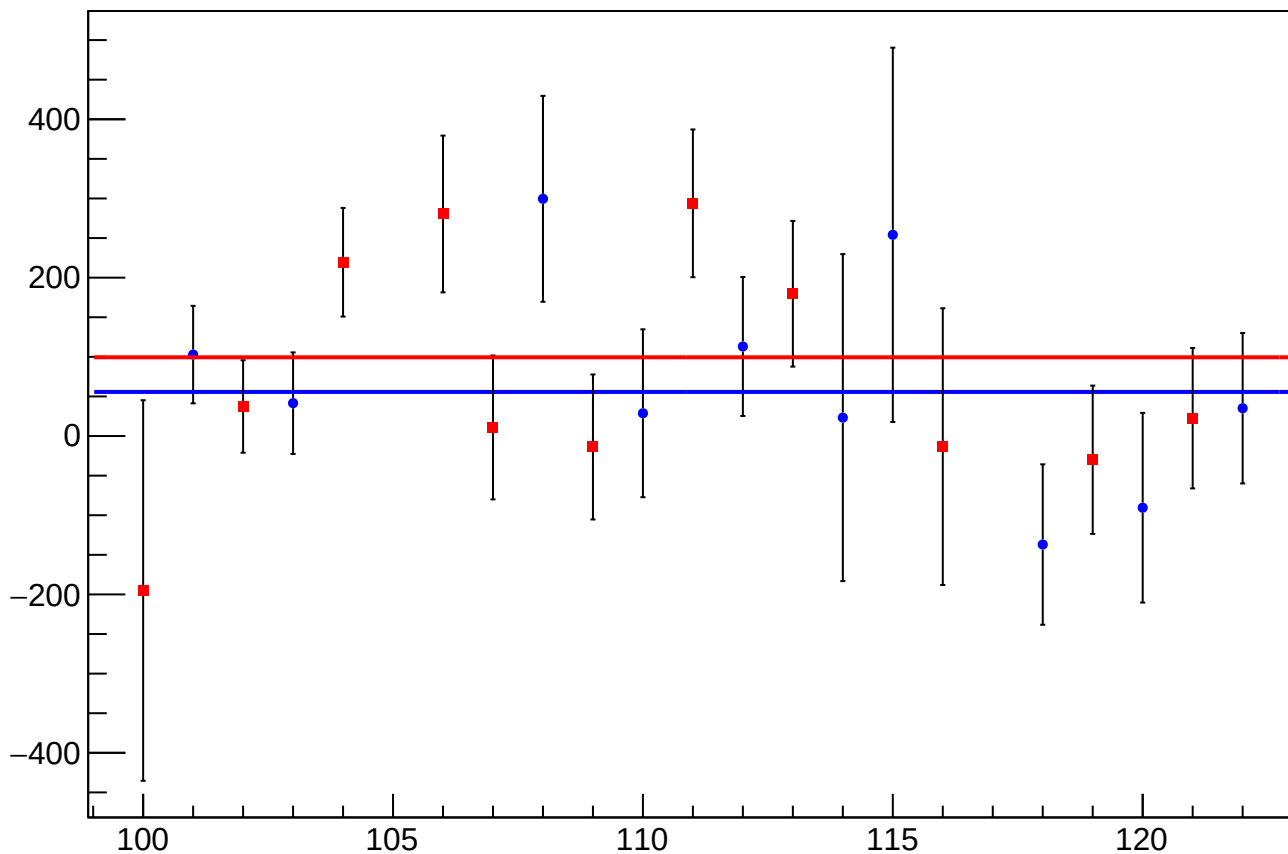
Right: 98.371+/-0.028 χ^2/NDF : 4311483.9/20

In: 95.667+/-0.039 χ^2/NDF : 2193337.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.371+/-0.028 χ^2/NDF : 4311483.9/20

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: 99.443+/-26.987 χ^2/NDF : 19.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

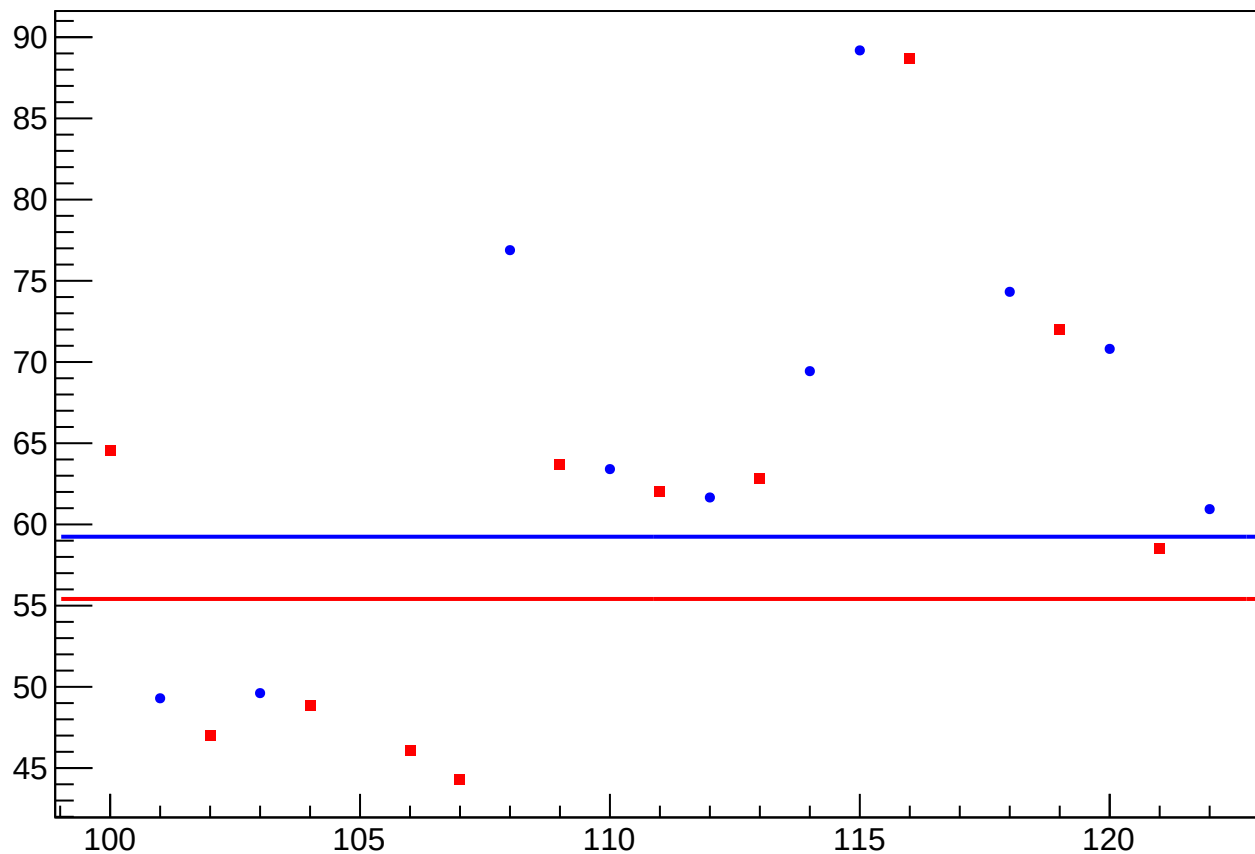
Right: 79.943+/-20.089 χ^2/NDF : 31.4/20

In: 55.707+/-30.086 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.943+/-20.089 χ^2/NDF : 31.4/20

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: 55.411+/-0.019 χ^2/NDF : 288032.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

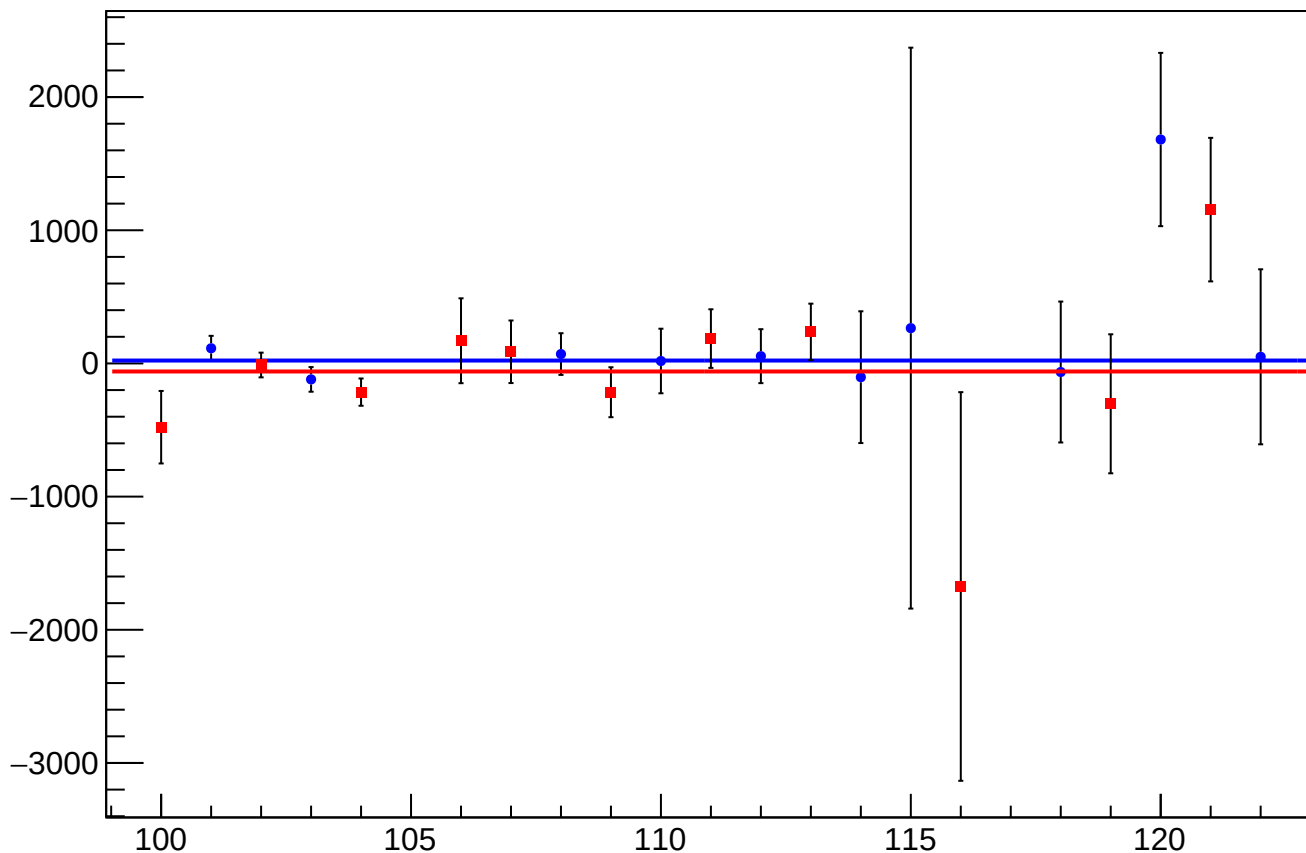
Right: 57.120+/-0.014 χ^2/NDF : 545435.5/20

In: 59.244+/-0.021 χ^2/NDF : 239417.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.120+/-0.014 χ^2/NDF : 545435.5/20

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: -60.431+/-54.890 χ^2/NDF : 16.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

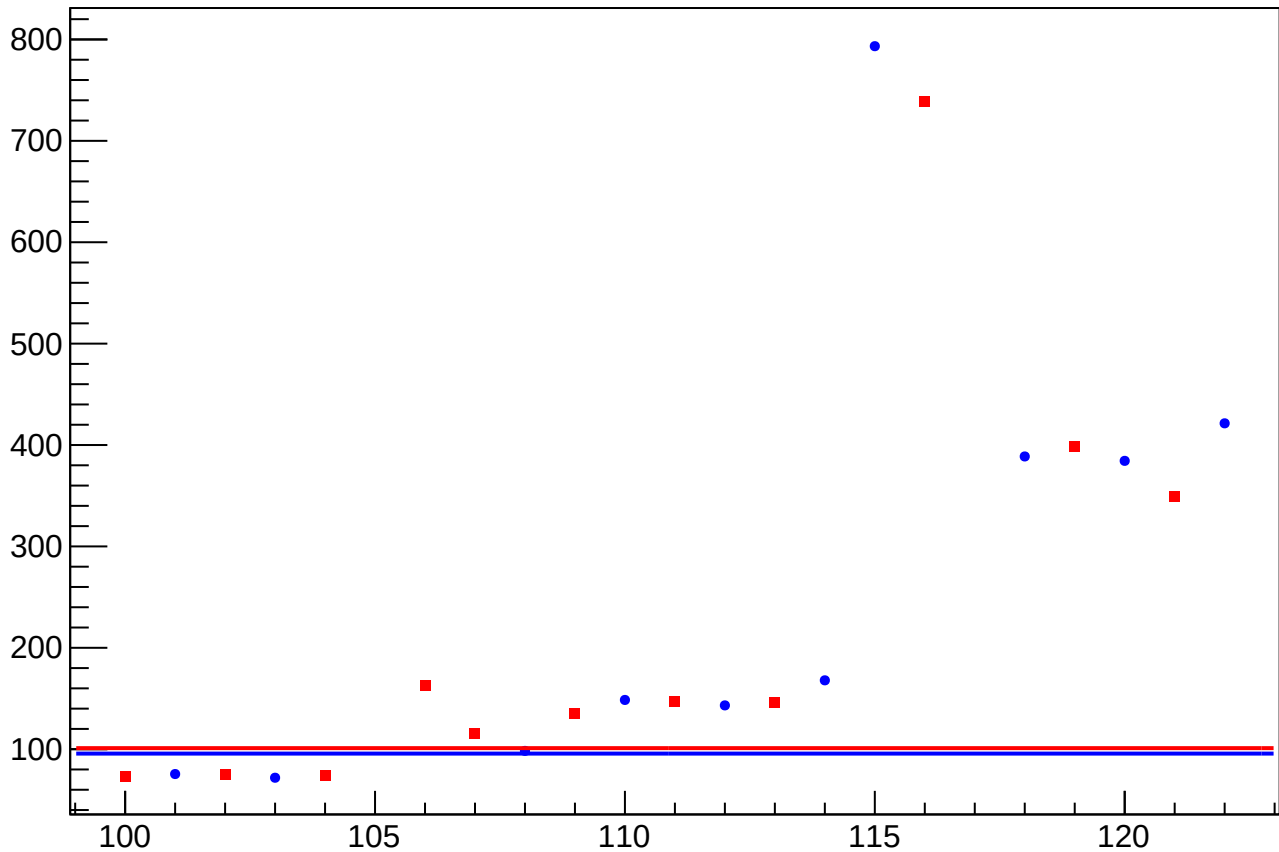
Right: -19.690+/-38.968 χ^2/NDF : 27.5/20

In: 21.705+/-55.330 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.690+/-38.968 χ^2/NDF : 27.5/20

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 95.667+/-0.039 χ^2/NDF : 2193340.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.032+/-0.039 χ^2/NDF : 2108672.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

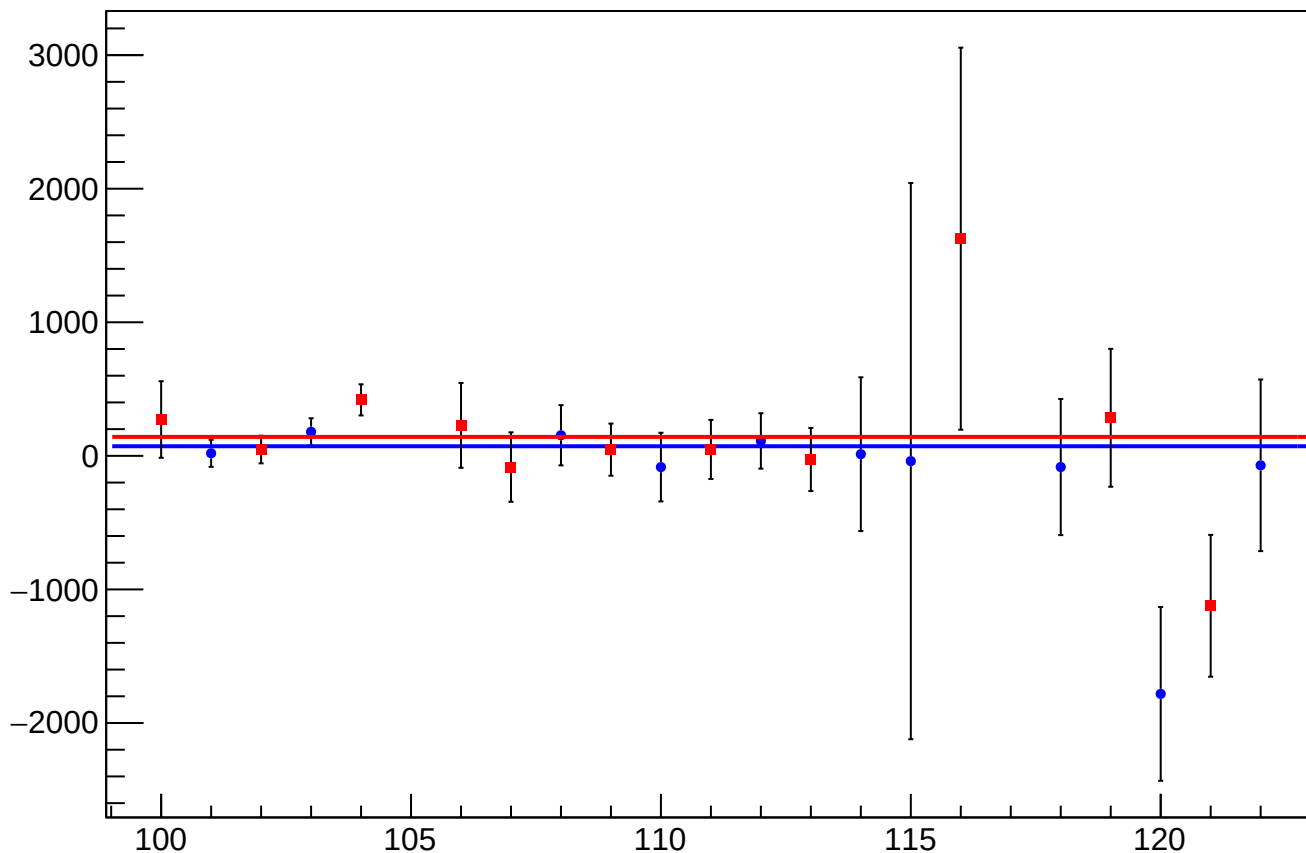
Right: 98.371+/-0.028 χ^2/NDF : 4311492.1/20

In: 95.667+/-0.039 χ^2/NDF : 2193340.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.371+/-0.028 χ^2/NDF : 4311492.1/20

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: 142.048+/-60.163 χ^2/NDF : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

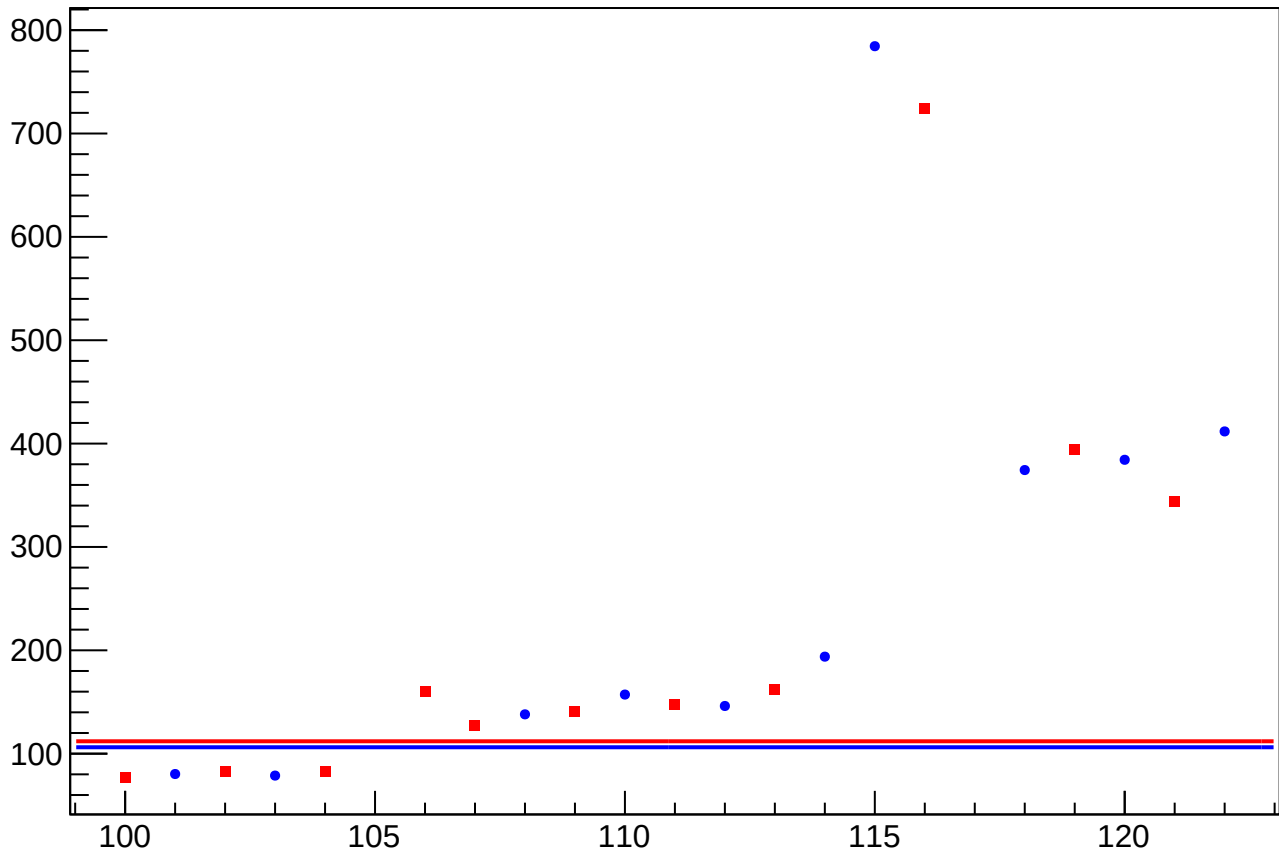
Right: 107.731+/-43.015 χ^2/NDF : 26.2/20

In: 71.844+/-61.525 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.731+/-43.015 χ^2/NDF : 26.2/20

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: 111.989+/-0.043 χ^2/NDF : 1897424.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

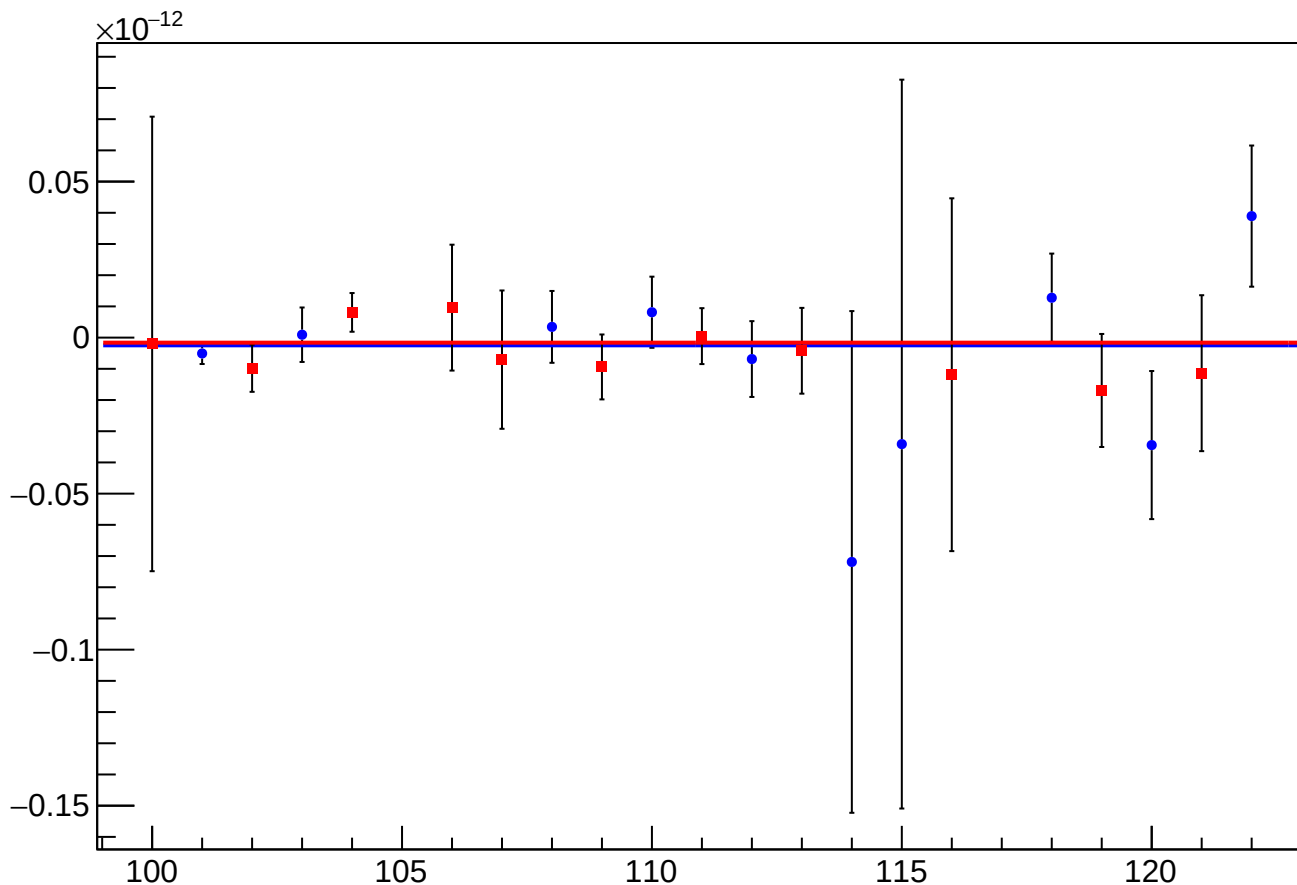
Right: 109.162+/-0.030 χ^2/NDF : 4005609.5/20

In: 106.205+/-0.044 χ^2/NDF :2099146.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 109.162+/-0.030 χ^2/NDF : 4005609.5/20

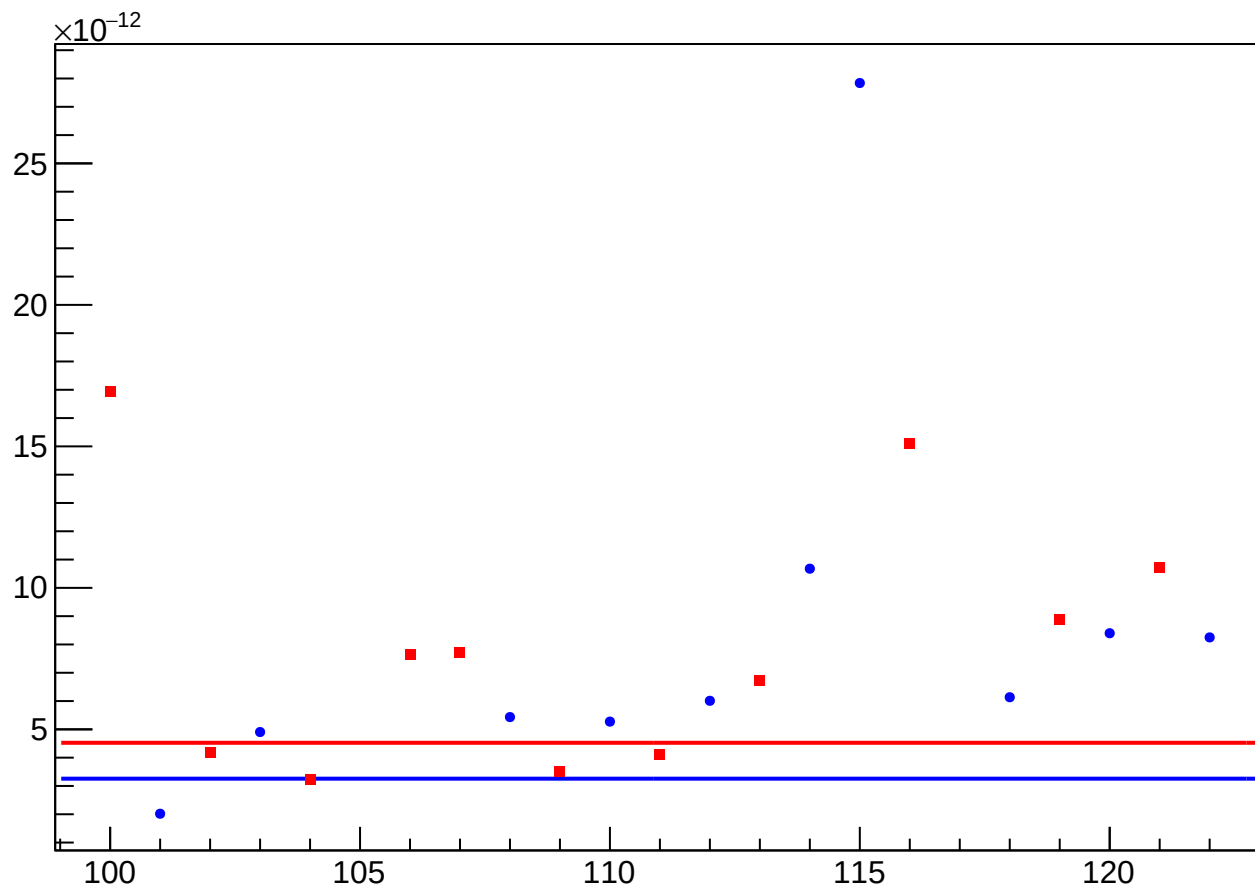
asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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: 5.5/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 14.7/20
 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: 14.7/20

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 : 624820.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

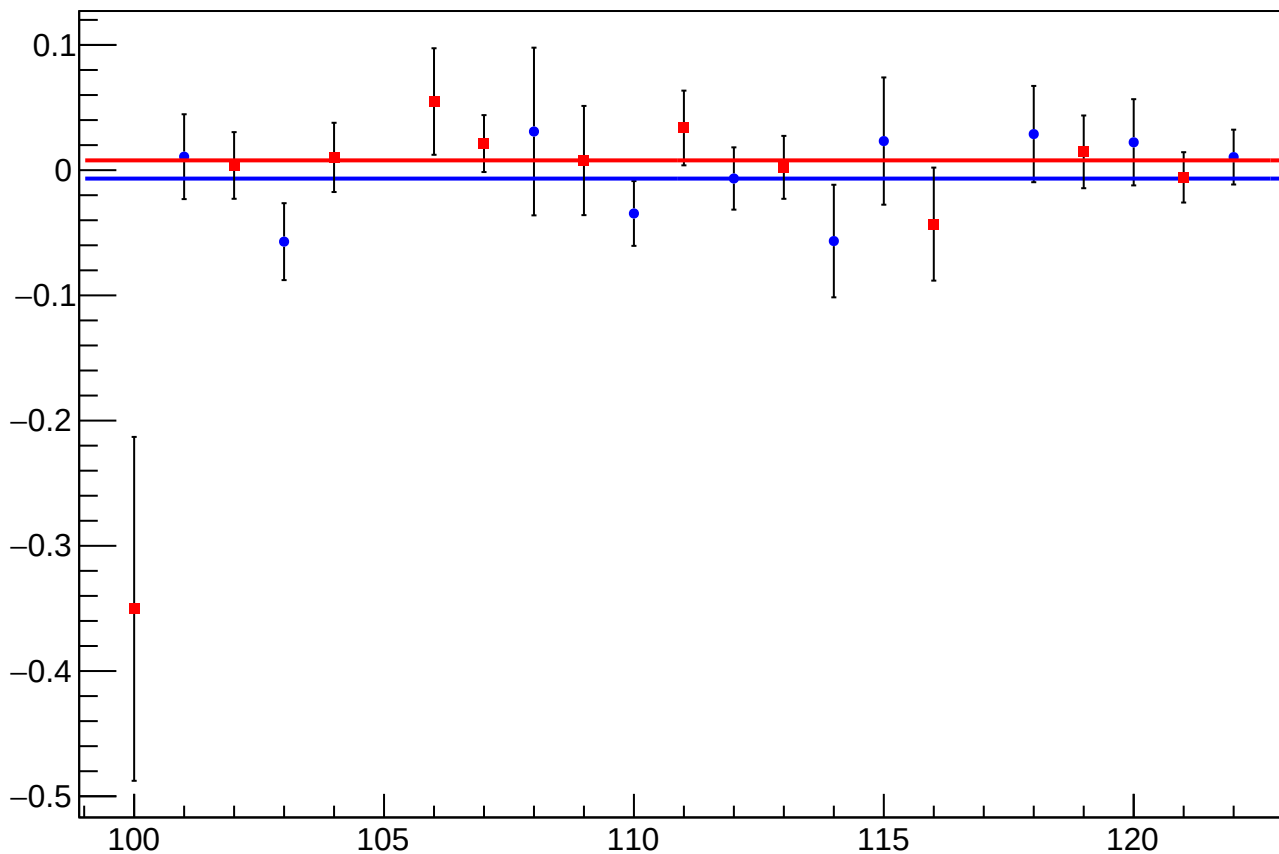
Right: 0.000+/-0.000 χ^2/NDF : 1741514.4/20

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 : 1741514.4/20

asym_sam_15_avg_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: 0.008 ± 0.009 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

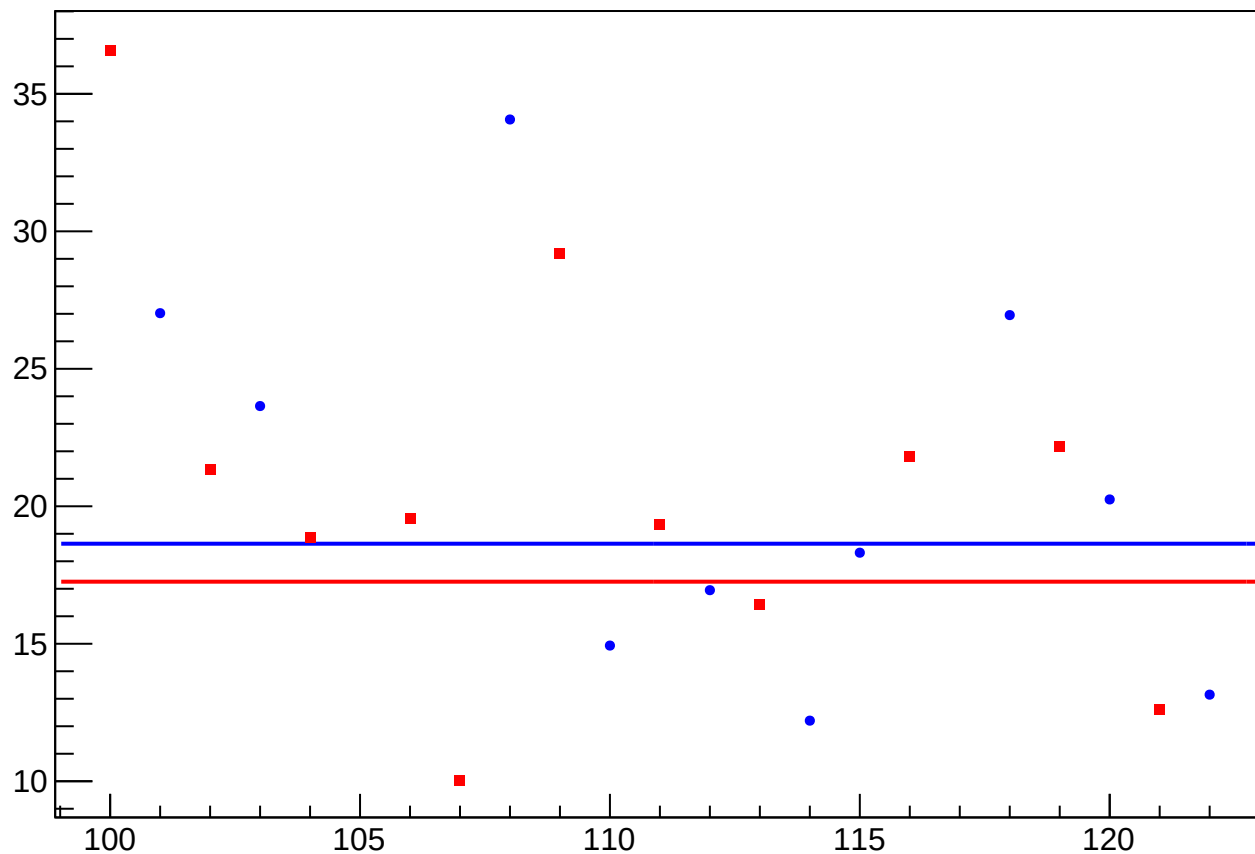
Right: 0.001 ± 0.007 χ^2/NDF : 20.3/20

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 : 20.3/20

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: 17.258+/-0.006 χ^2/NDF : 647787.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

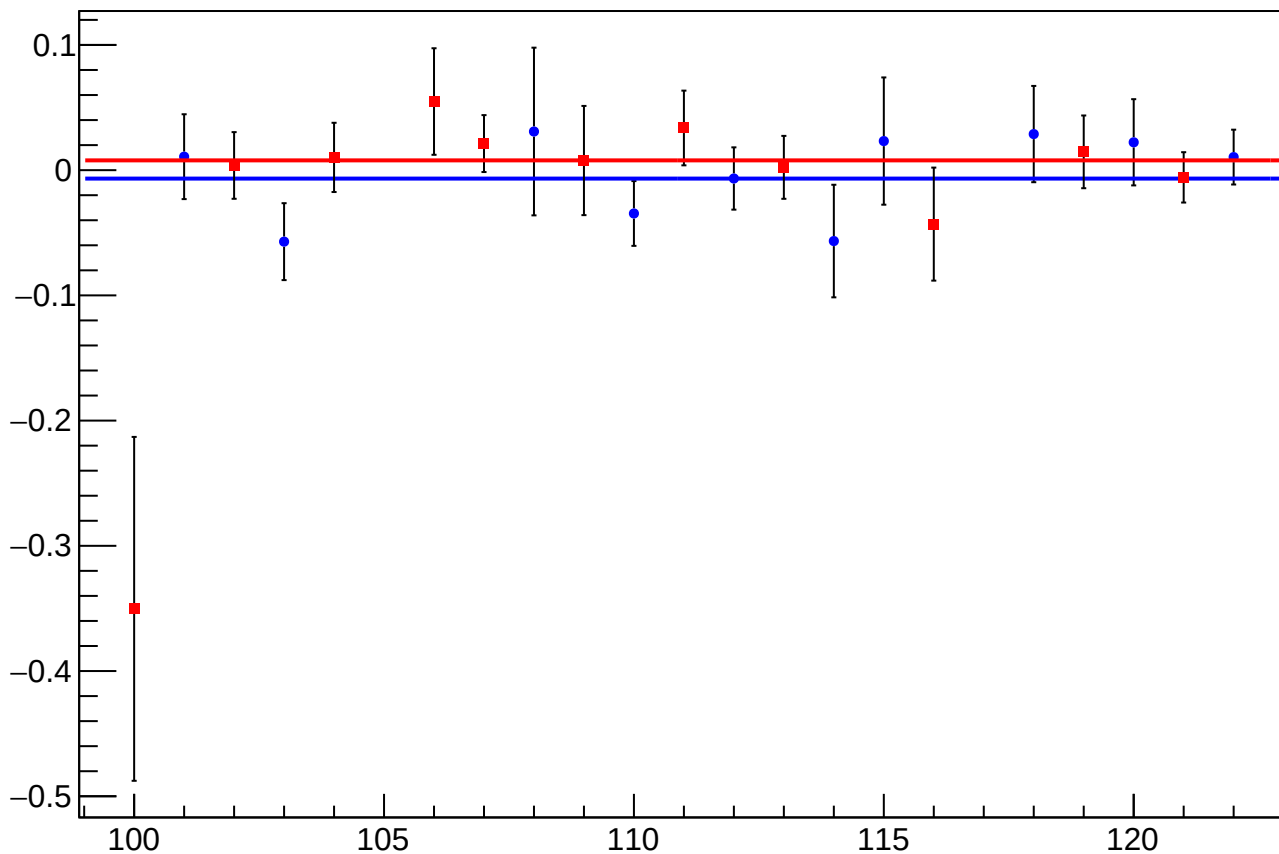
Right: 17.859+/-0.005 χ^2/NDF : 1265659.5/20

In: 18.639+/-0.007 χ^2/NDF : 596864.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.859+/-0.005 χ^2/NDF : 1265659.5/20

asym_sam_15_avg_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: 0.008 ± 0.009 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

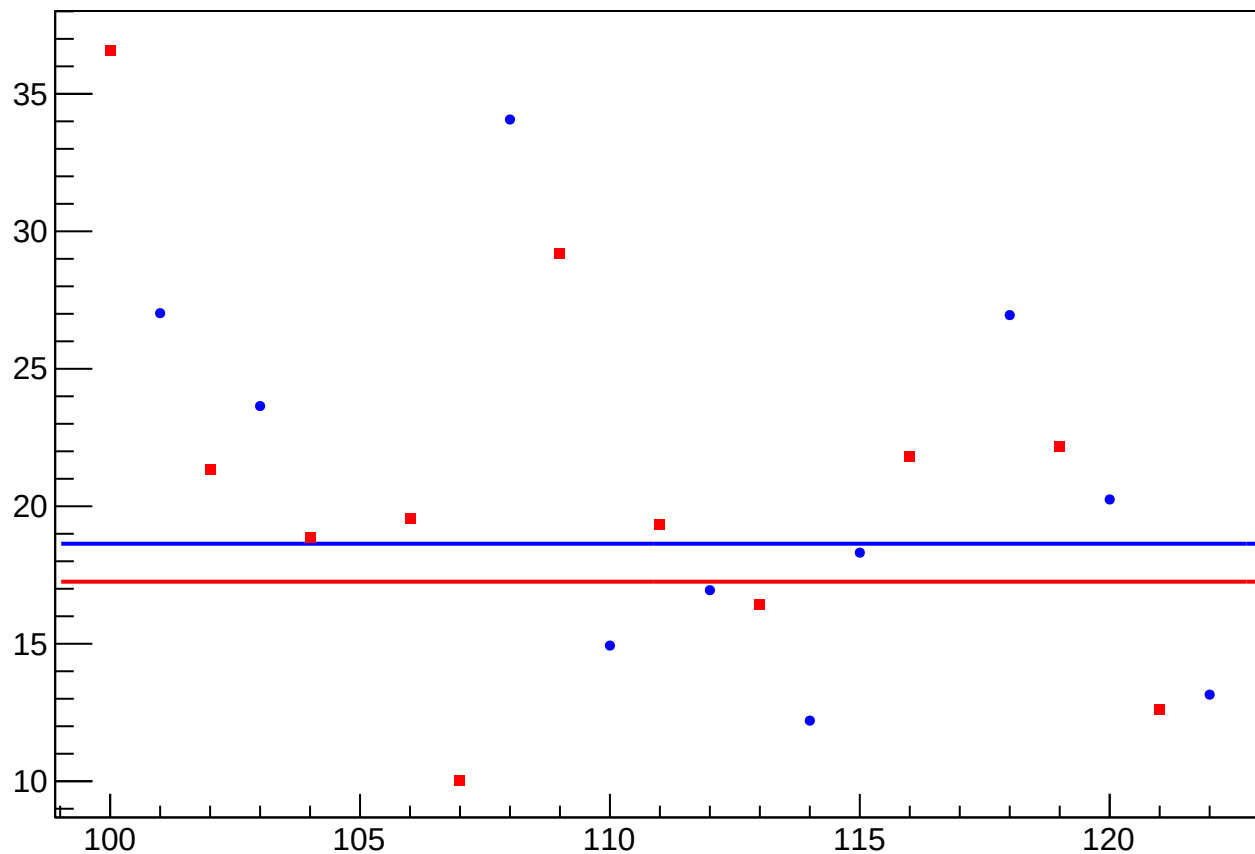
Right: 0.001 ± 0.007 χ^2/NDF : 20.3/20

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 : 20.3/20

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: 17.258+/-0.006 χ^2/NDF : 647787.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

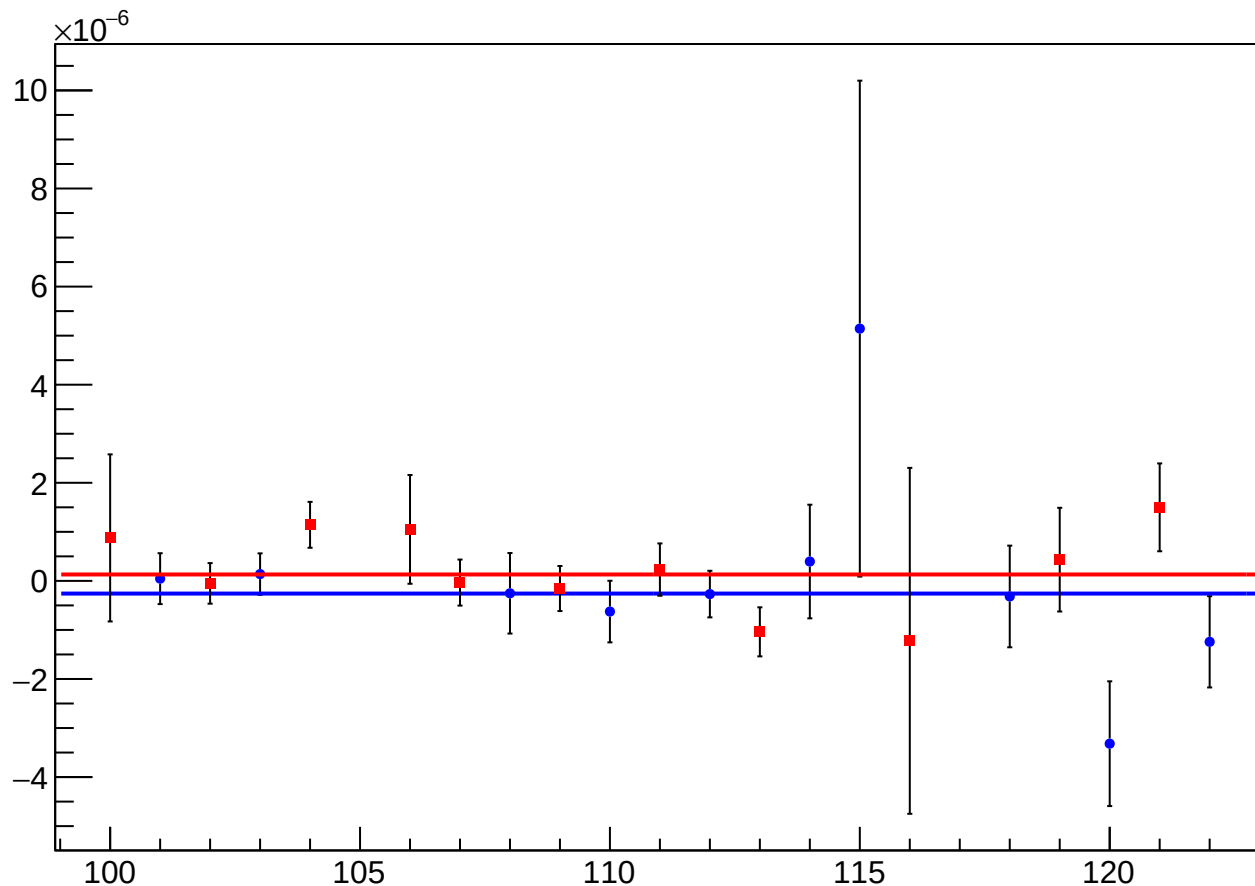
Right: 17.859+/-0.005 χ^2/NDF : 1265659.5/20

In: 18.639+/-0.007 χ^2/NDF : 596864.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.859+/-0.005 χ^2/NDF : 1265659.5/20

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 : 14.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

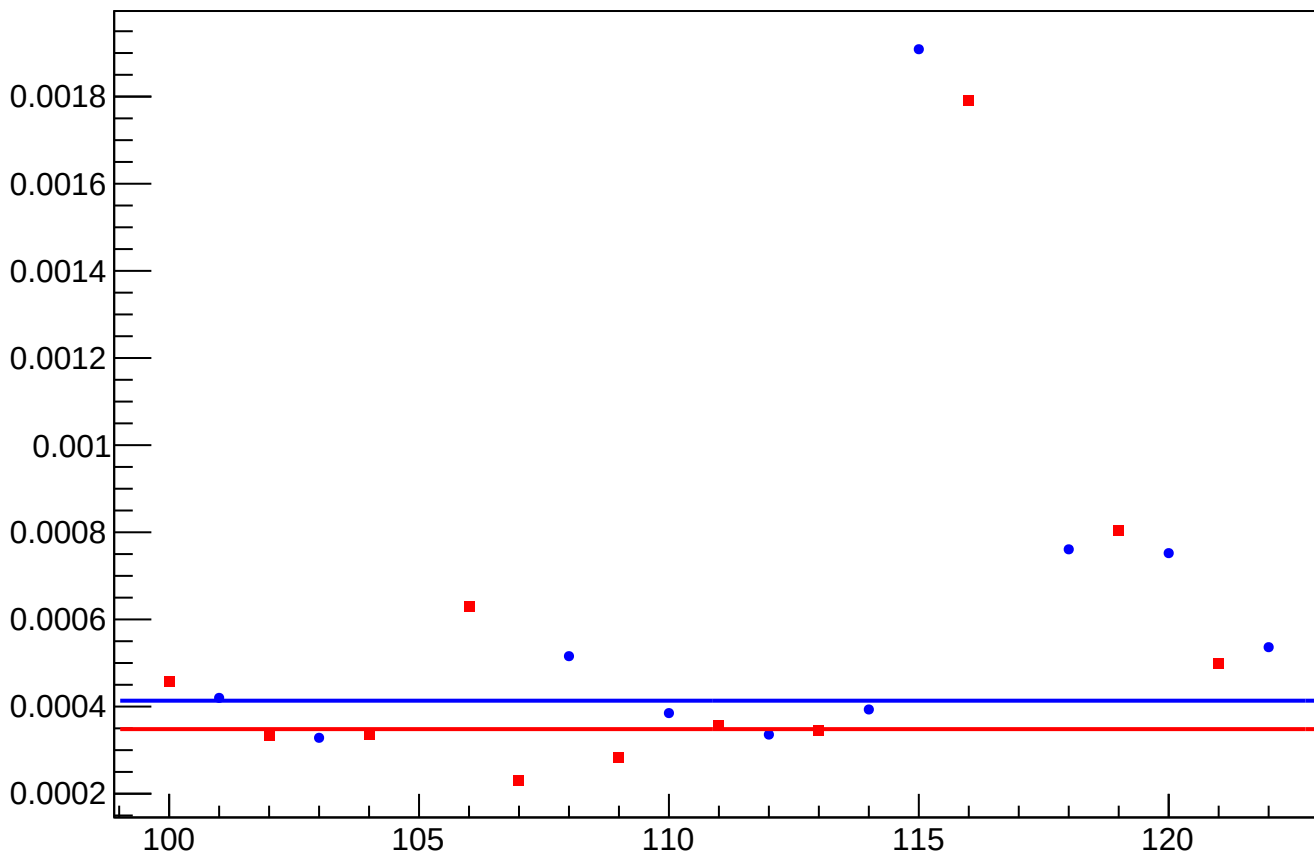
Right: -0.000+/-0.000 χ^2/NDF : 26.2/20

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 : 26.2/20

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 : 1073610.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

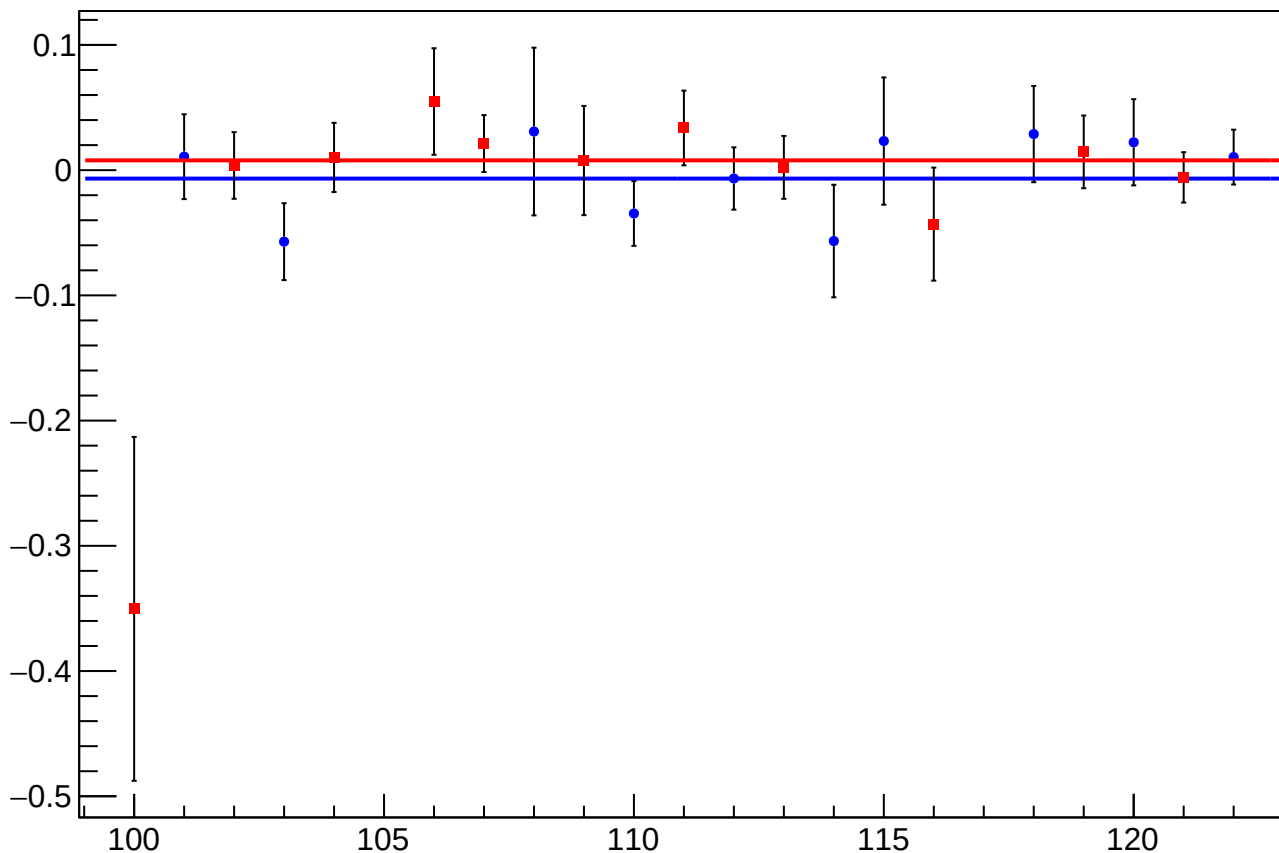
Right: 0.000+/-0.000 χ^2/NDF : 1927719.5/20

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 : 1927719.5/20

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: 0.008 ± 0.009 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

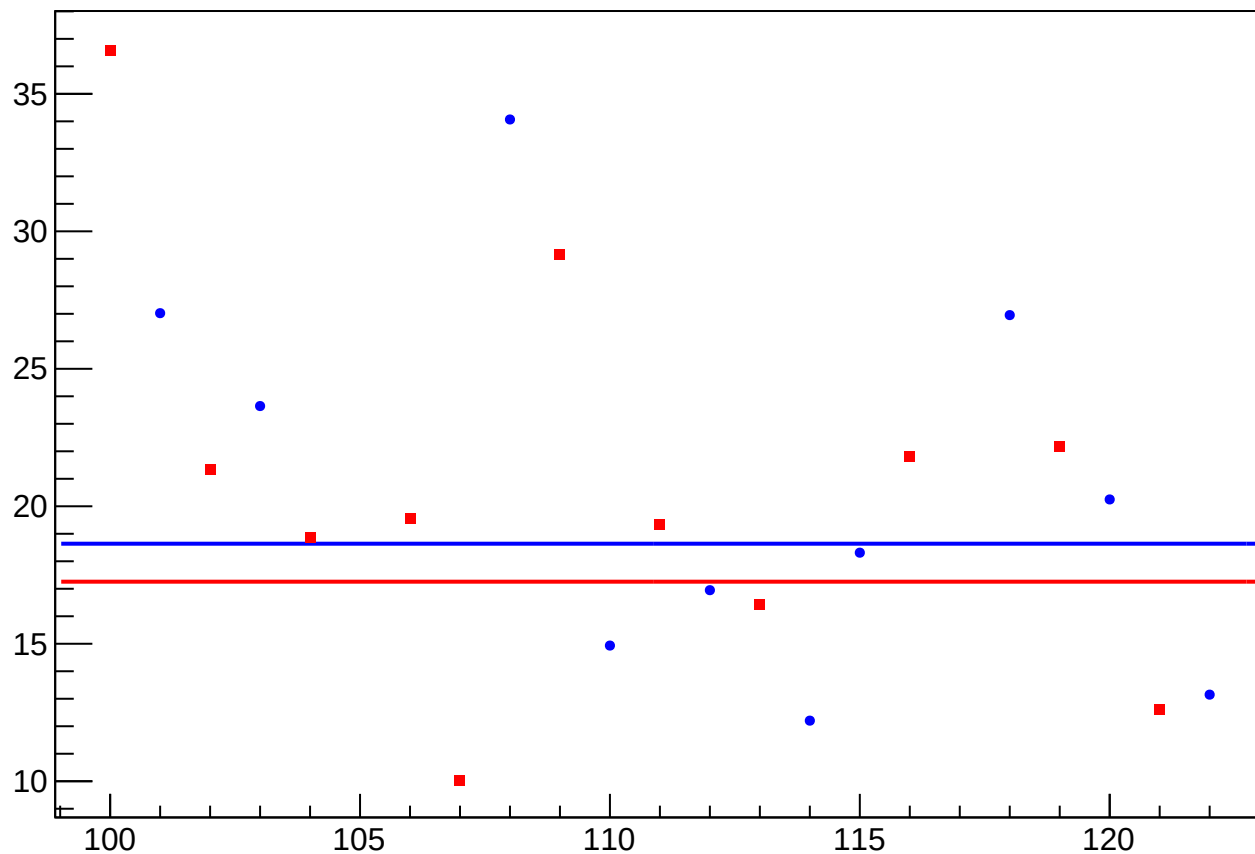
Right: 0.001 ± 0.007 χ^2/NDF : 20.3/20

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 : 20.3/20

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: 17.258+/-0.006 χ^2/NDF : 647802.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

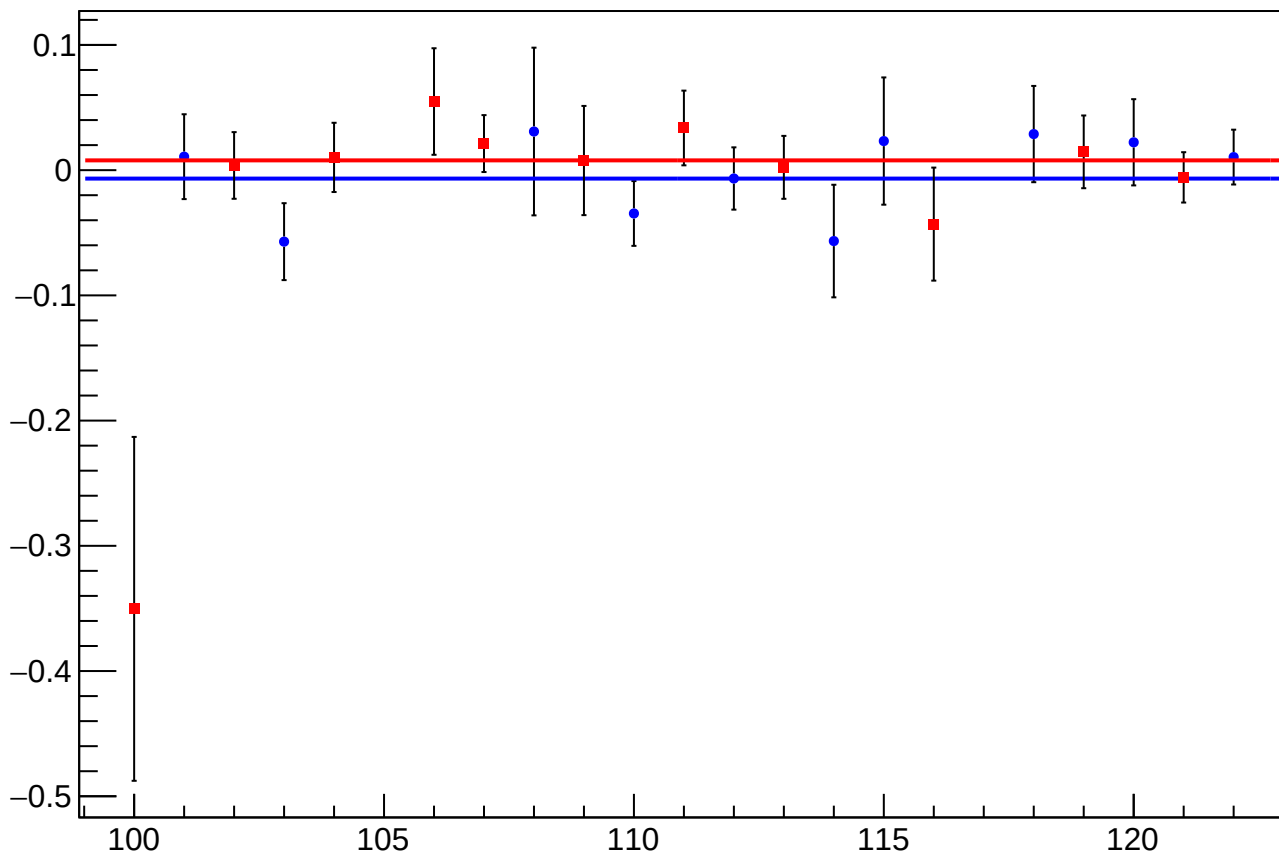
Right: 17.859+/-0.005 χ^2/NDF : 1265670.2/20

In: 18.639+/-0.007 χ^2/NDF : 596856.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.859+/-0.005 χ^2/NDF : 1265670.2/20

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: 0.008 ± 0.009 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

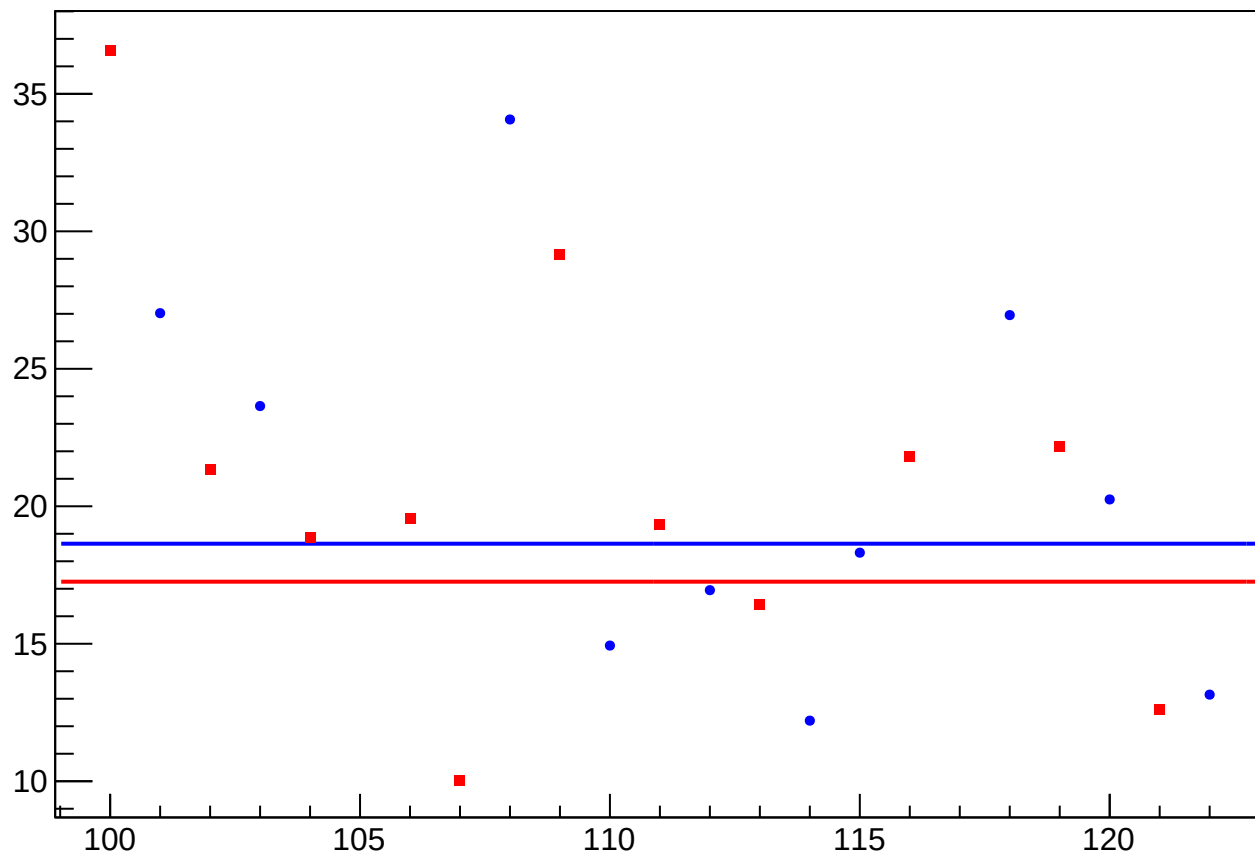
Right: 0.001 ± 0.007 χ^2/NDF : 20.3/20

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 : 20.3/20

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: 17.258+/-0.006 χ^2/NDF : 647802.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

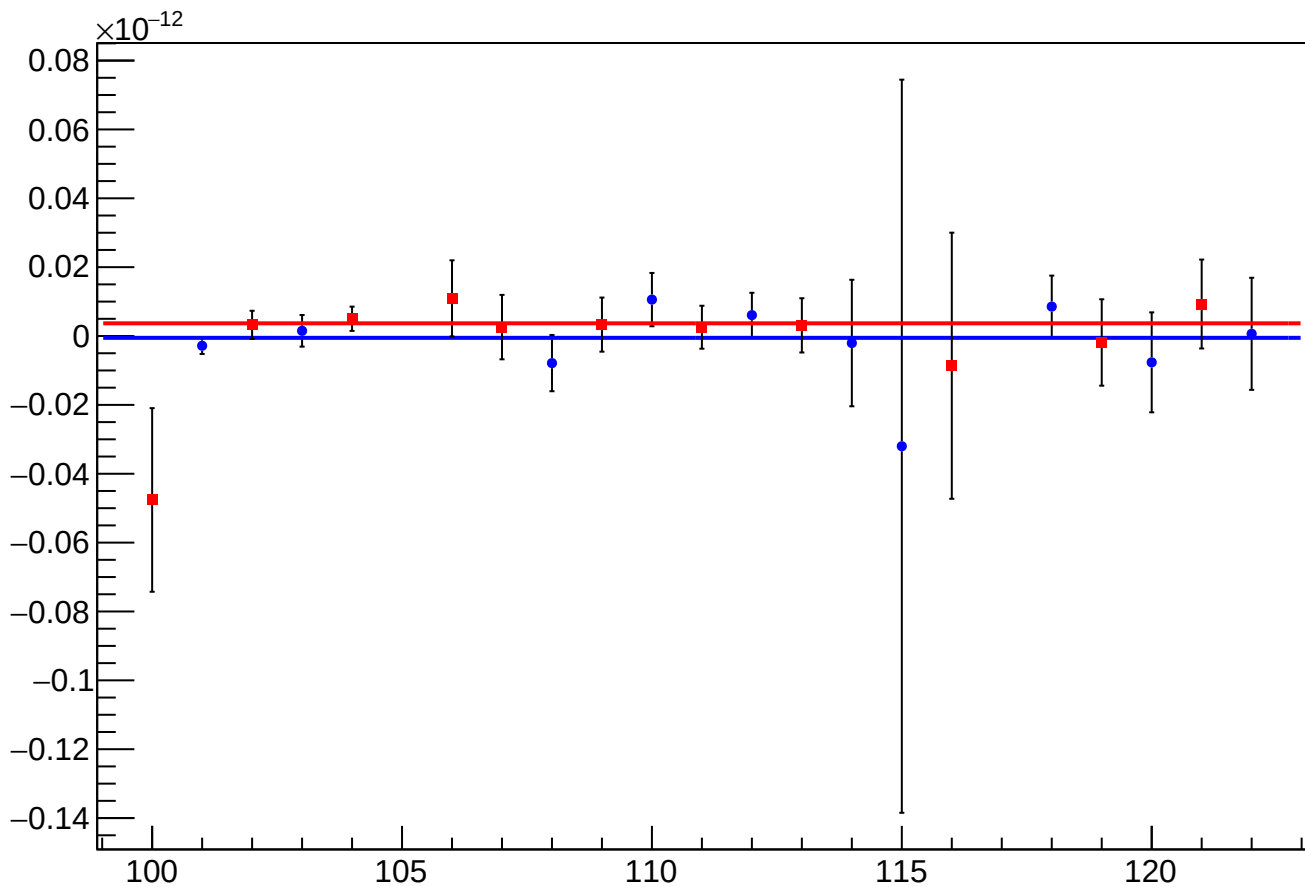
Right: 17.859+/-0.005 χ^2/NDF : 1265670.2/20

In: 18.639+/-0.007 χ^2/NDF : 596856.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.859+/-0.005 χ^2/NDF : 1265670.2/20

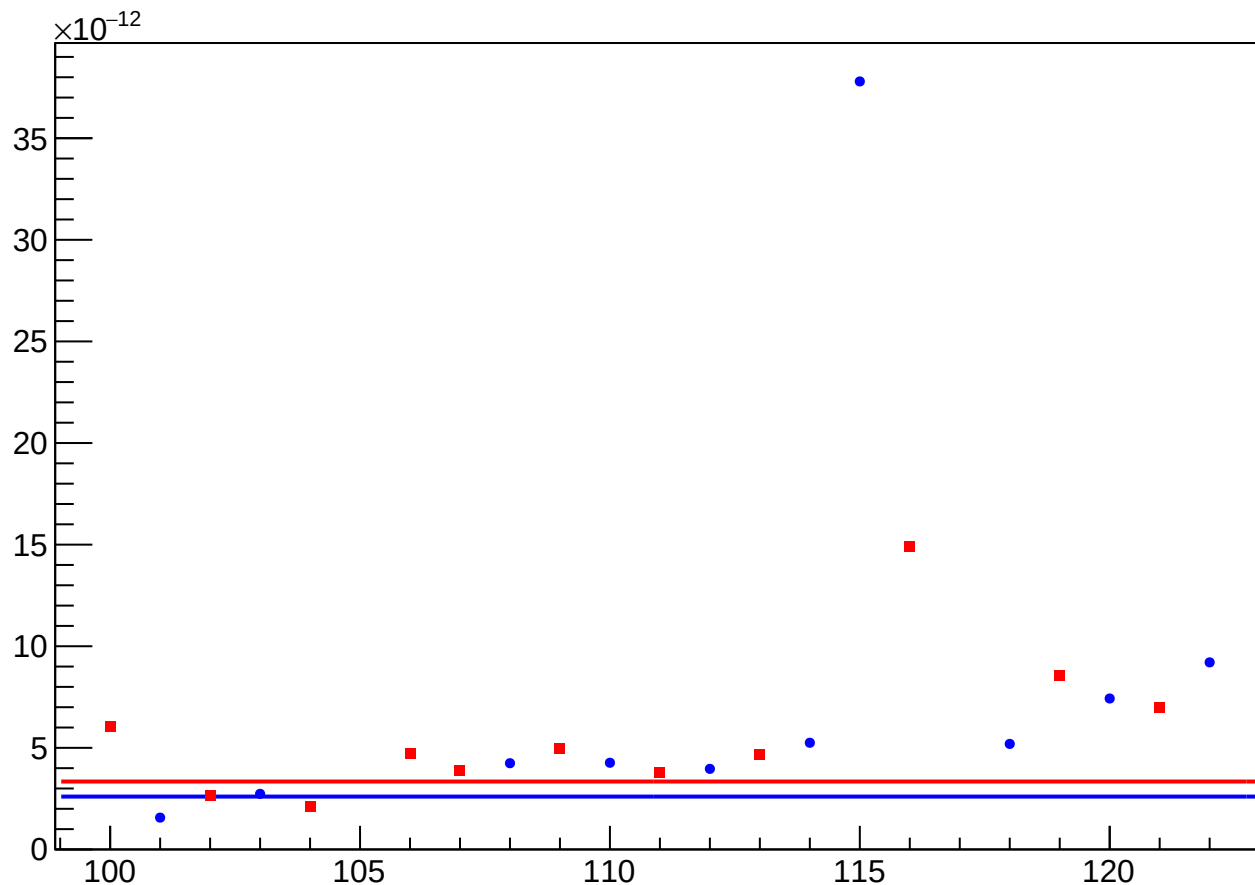
asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 4.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 13.5/20
 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 : 13.5/20

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 : 1197820.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

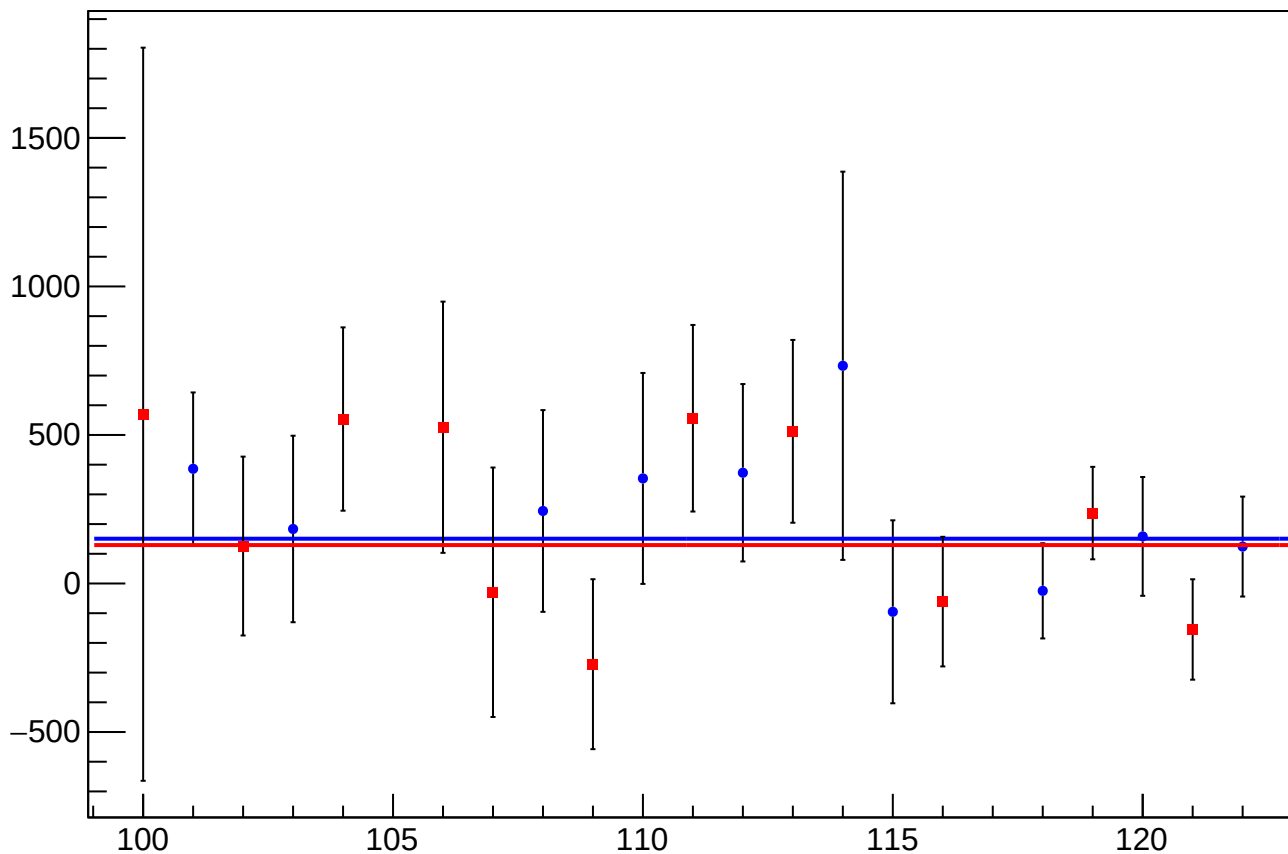
Right: 0.000+/-0.000 χ^2/NDF : 2959350.8/20

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 : 2959350.8/20

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: 129.330 $\pm$ 78.164 χ^2 /NDF: 12.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

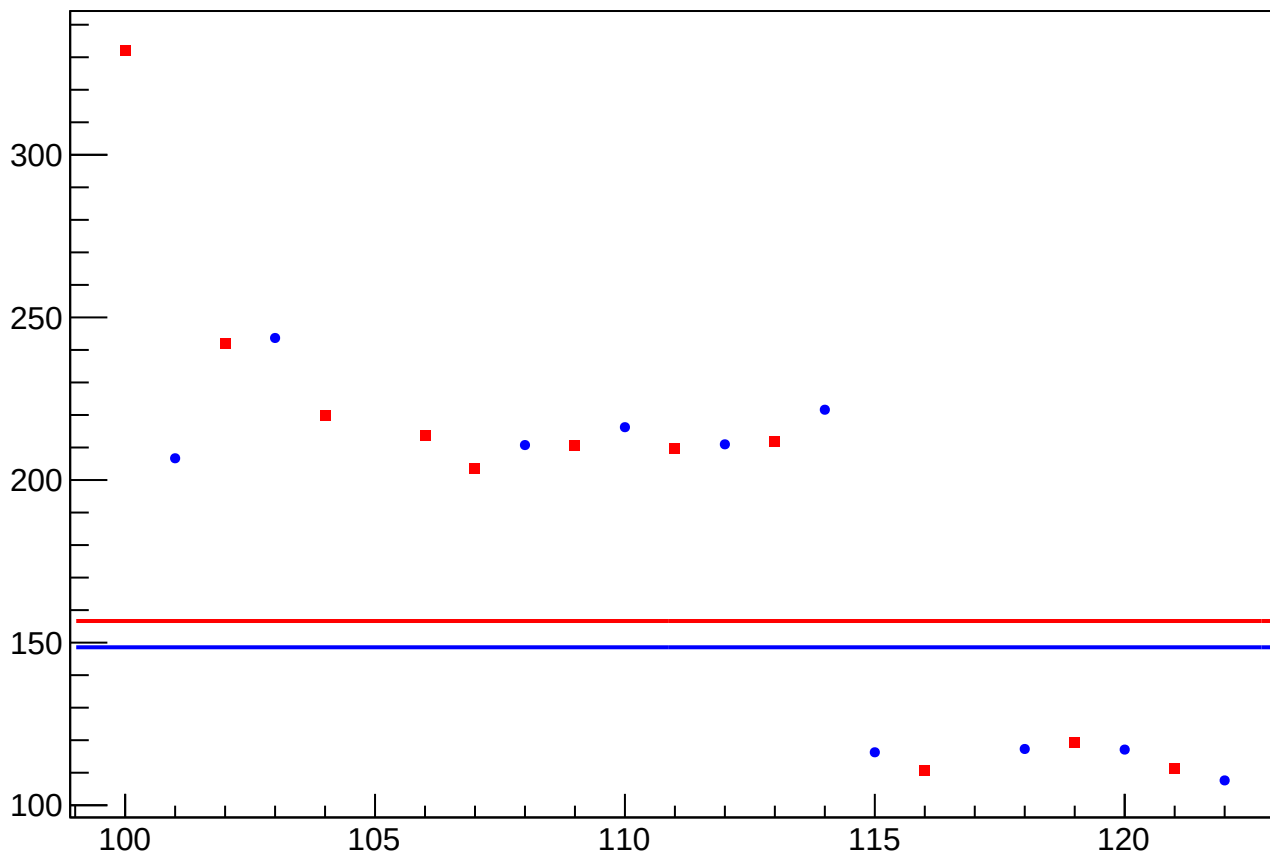
Right: 140.083 $\pm$ 55.134 χ^2 /NDF: 17.0/20

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: 140.083 $\pm$ 55.134 χ^2 /NDF: 17.0/20

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: 156.651+/-0.055 χ^2/NDF : 885496.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

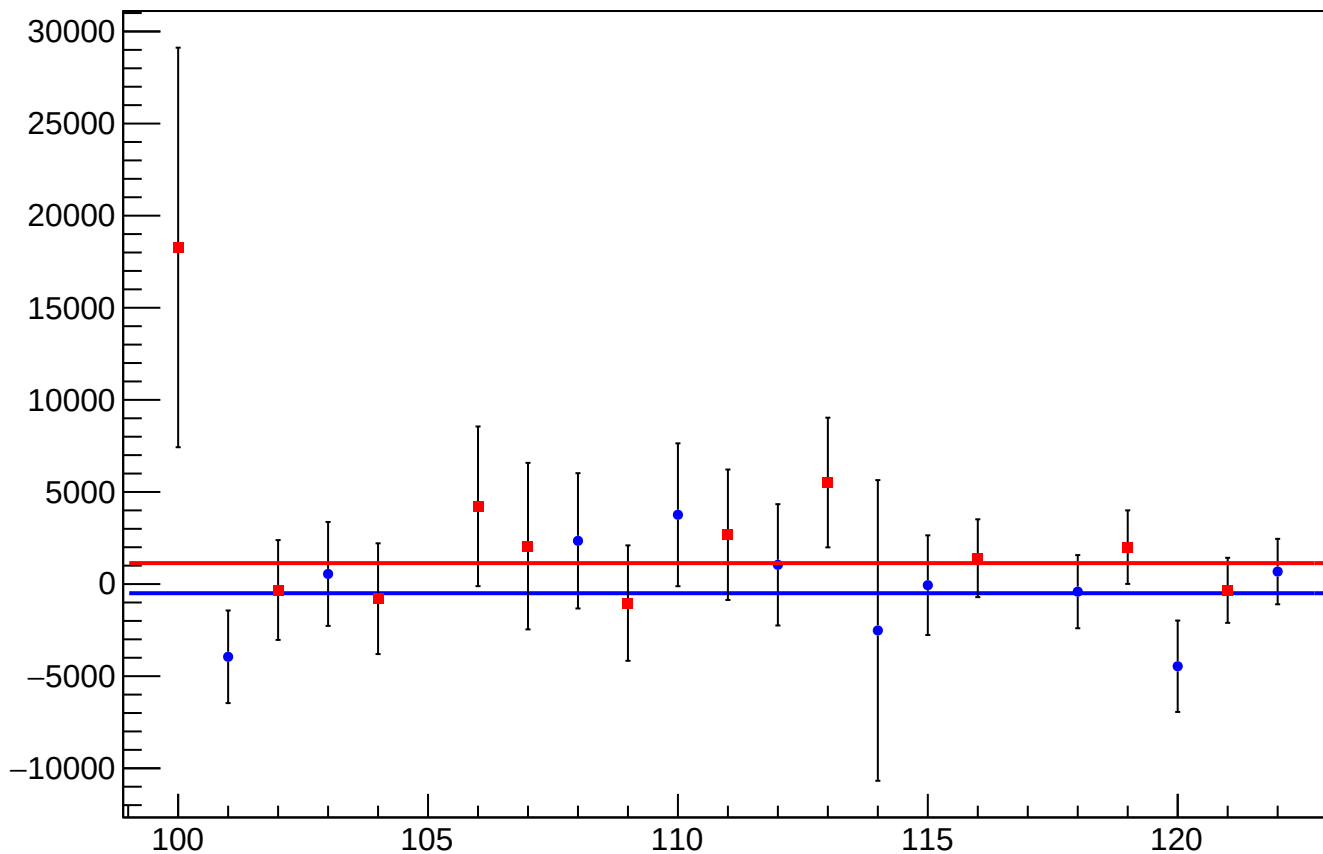
Right: 152.591+/-0.039 χ^2/NDF : 1700256.1/20

In: 148.570+/-0.055 χ^2/NDF : 804019.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.591+/-0.039 χ^2/NDF : 1700256.1/20

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: 1138.209+/-840.510 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

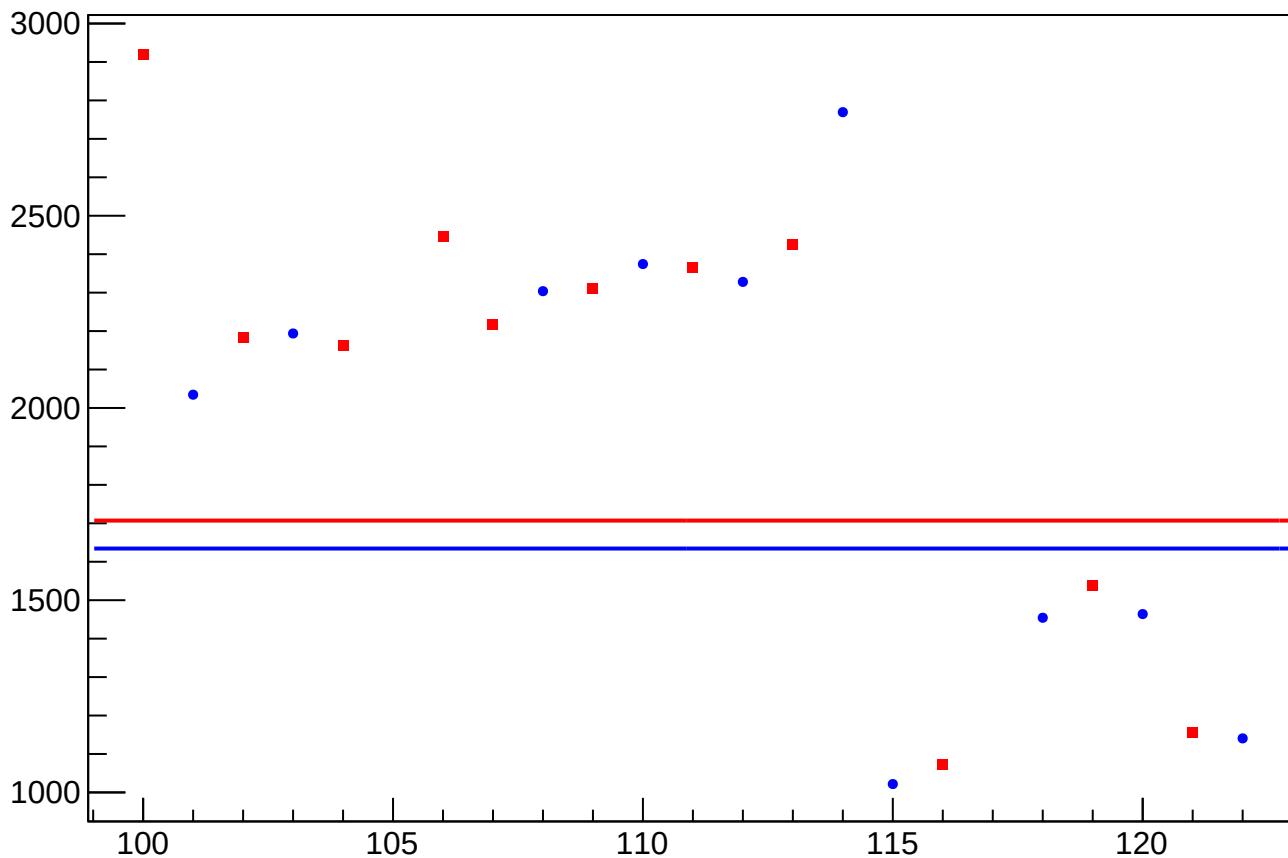
Right: 324.970+/-595.812 χ^2/NDF : 15.9/20

In: -496.430+/-844.716 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.970+/-595.812 χ^2/NDF : 15.9/20

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: 1707.078+/-0.594 χ^2/NDF : 833733.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

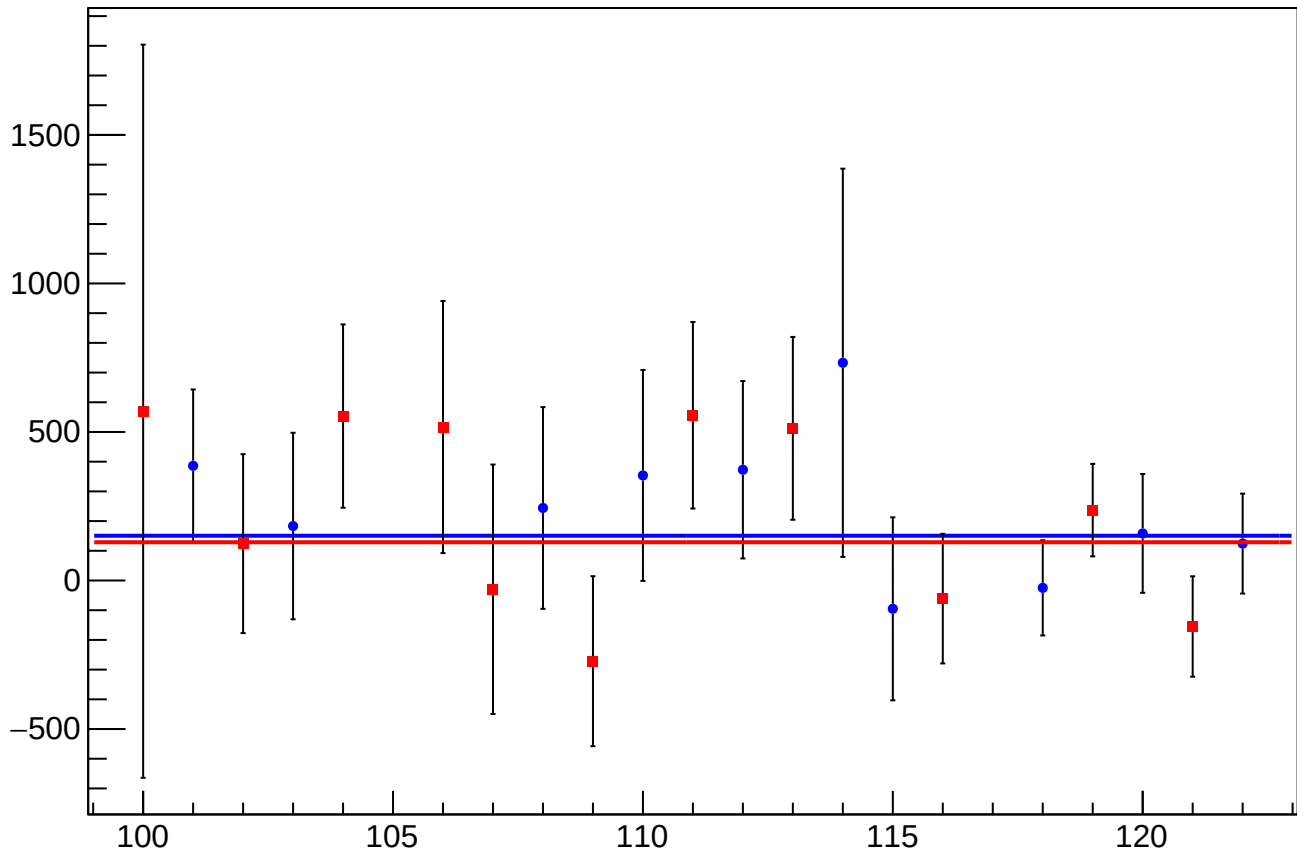
Right: 1670.900+/-0.421 χ^2/NDF : 1520145.8/20

In: 1634.359+/-0.597 χ^2/NDF : 678964.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1670.900+/-0.421 χ^2/NDF : 1520145.8/20

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: 128.773+/-78.176 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

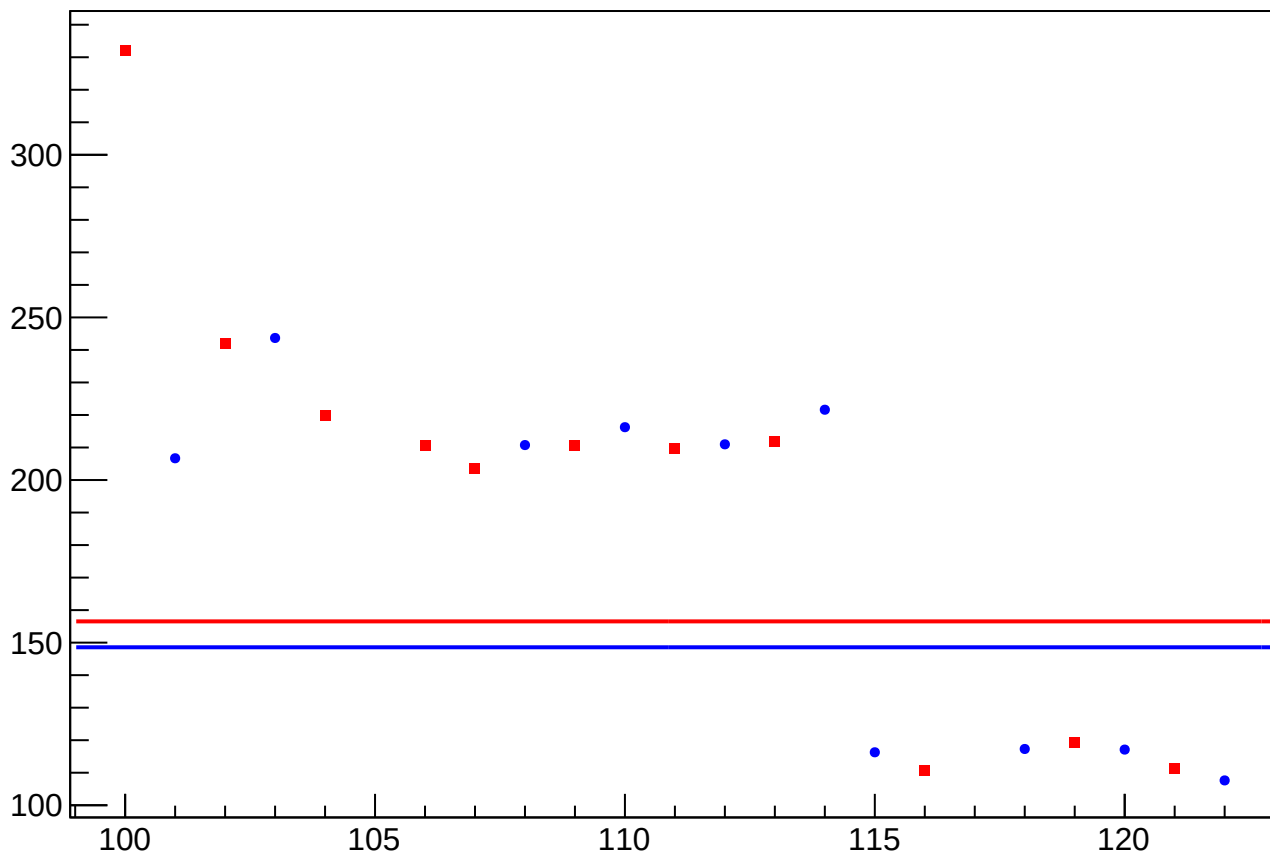
Right: 139.800+/-55.138 χ^2/NDF : 16.9/20

In: 150.716+/-77.779 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.800+/-55.138 χ^2/NDF : 16.9/20

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: 156.535+/-0.055 χ^2/NDF : 881731.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

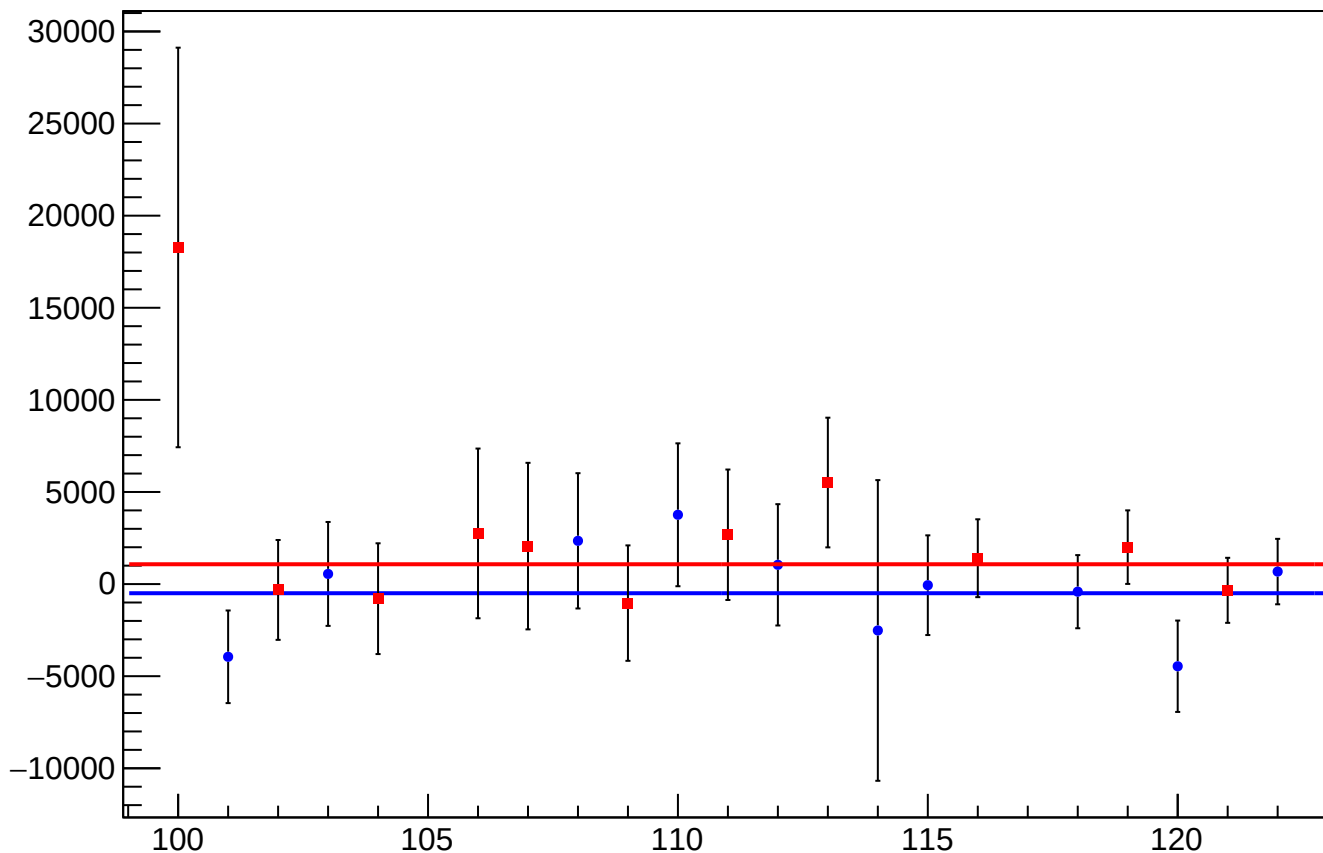
Right: 152.532+/-0.039 χ^2/NDF : 1696185.2/20

In: 148.570+/-0.055 χ^2/NDF : 804021.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.532+/-0.039 χ^2/NDF : 1696185.2/20

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: 1076.351+/-842.384 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

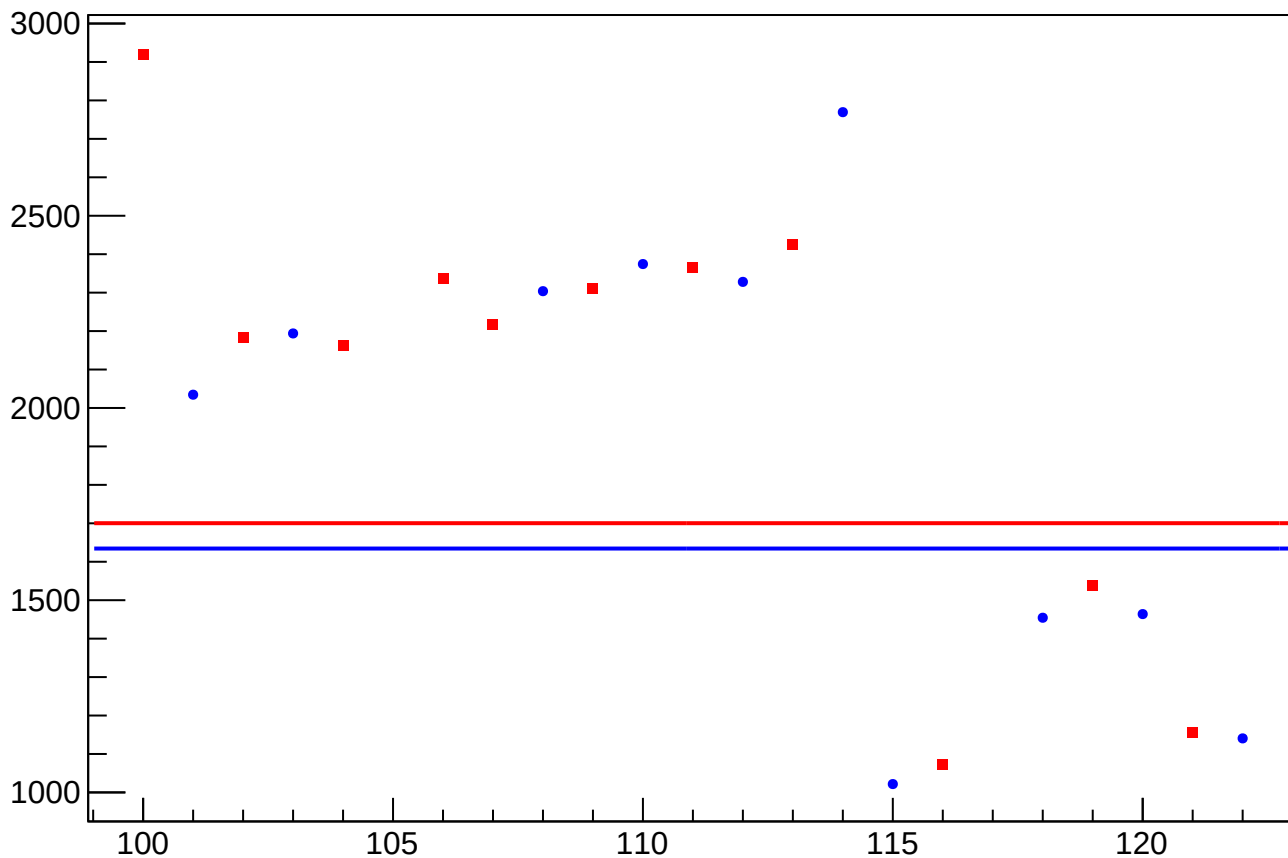
Right: 292.181+/-596.480 χ^2/NDF : 15.3/20

In: -496.346+/-844.720 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.181+/-596.480 χ^2/NDF : 15.3/20

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: 1700.302+/-0.596 χ^2/NDF : 813162.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

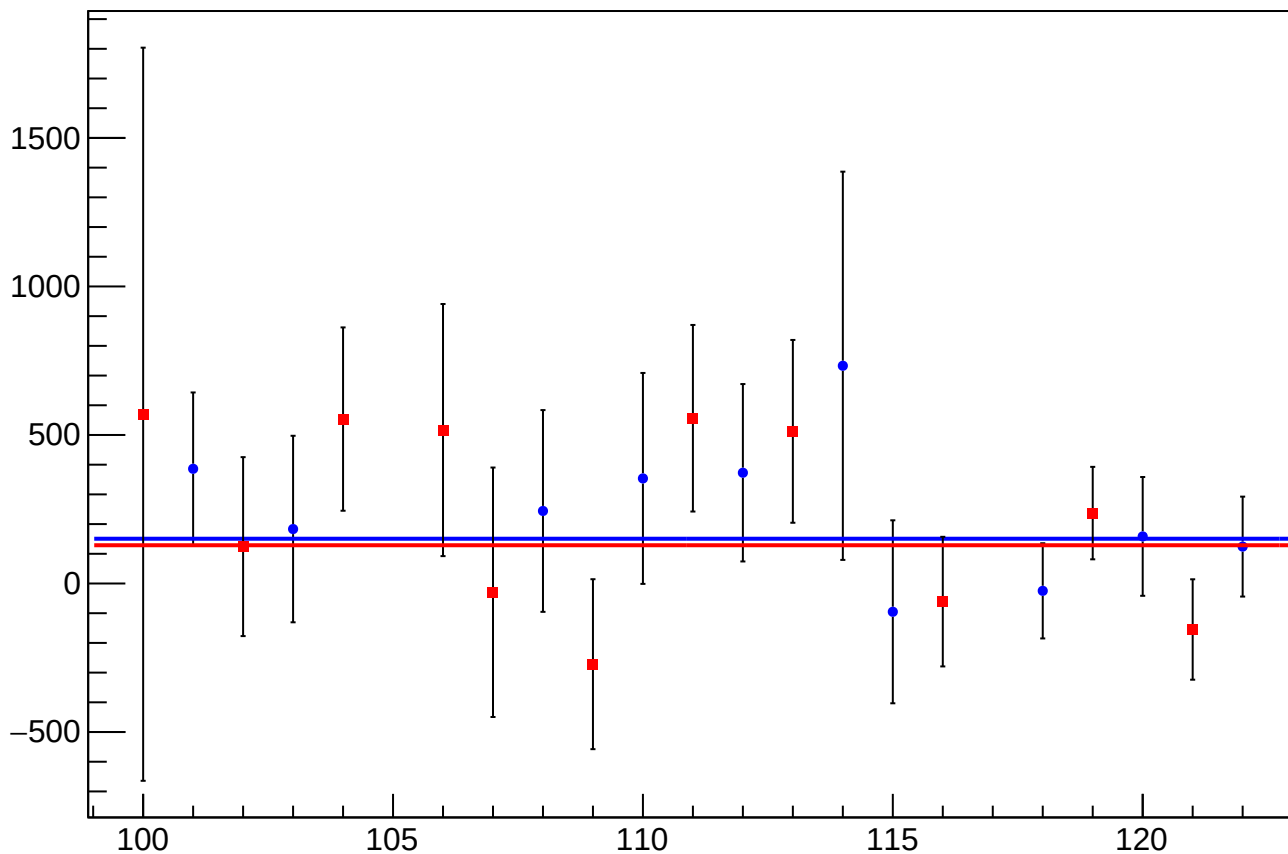
Right: 1667.424+/-0.422 χ^2/NDF : 1498261.8/20

In: 1634.363+/-0.597 χ^2/NDF : 678989.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.424+/-0.422 χ^2/NDF : 1498261.8/20

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: 128.773+/-78.176 χ^2/NDF : 12.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

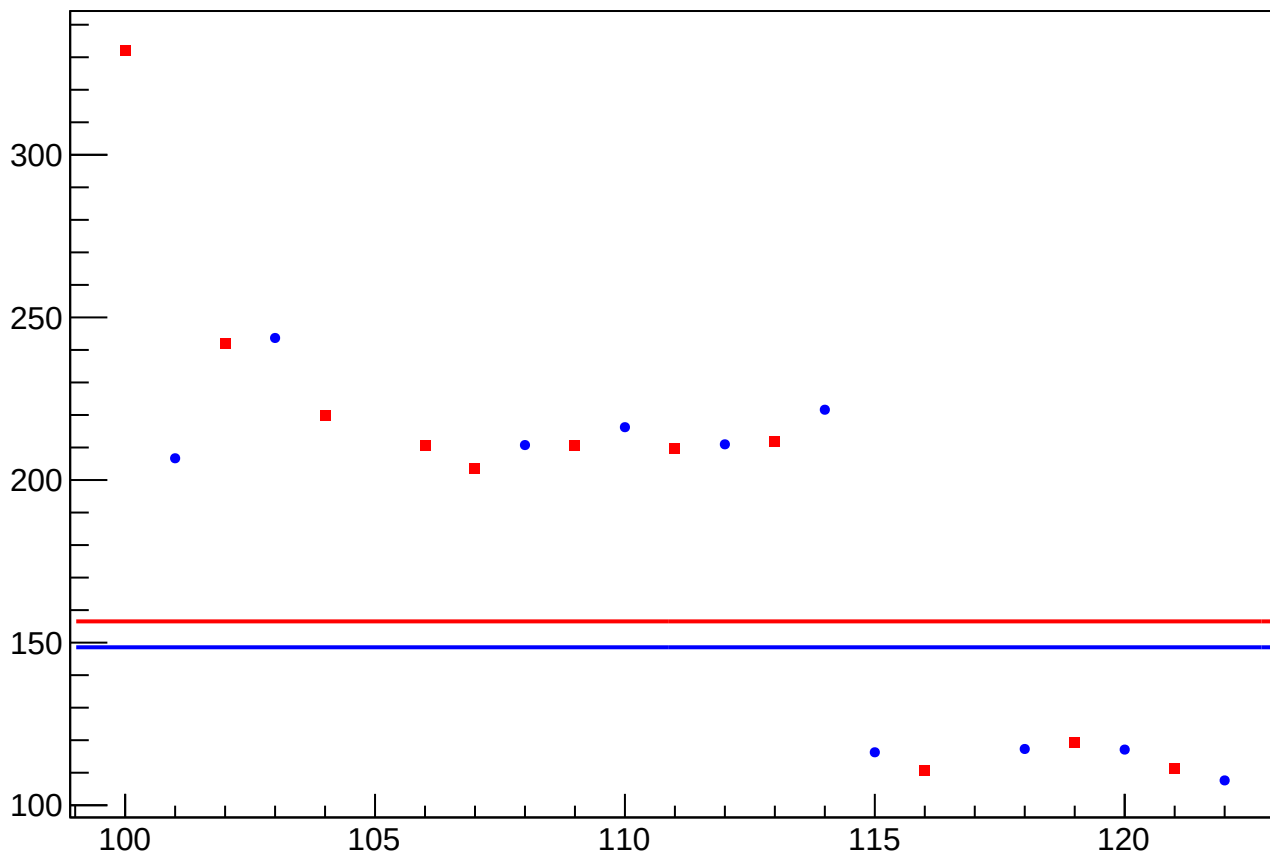
Right: 139.800+/-55.138 χ^2/NDF : 16.9/20

In: 150.716+/-77.779 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.800+/-55.138 χ^2/NDF : 16.9/20

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: 156.535+/-0.055 χ^2/NDF : 881731.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

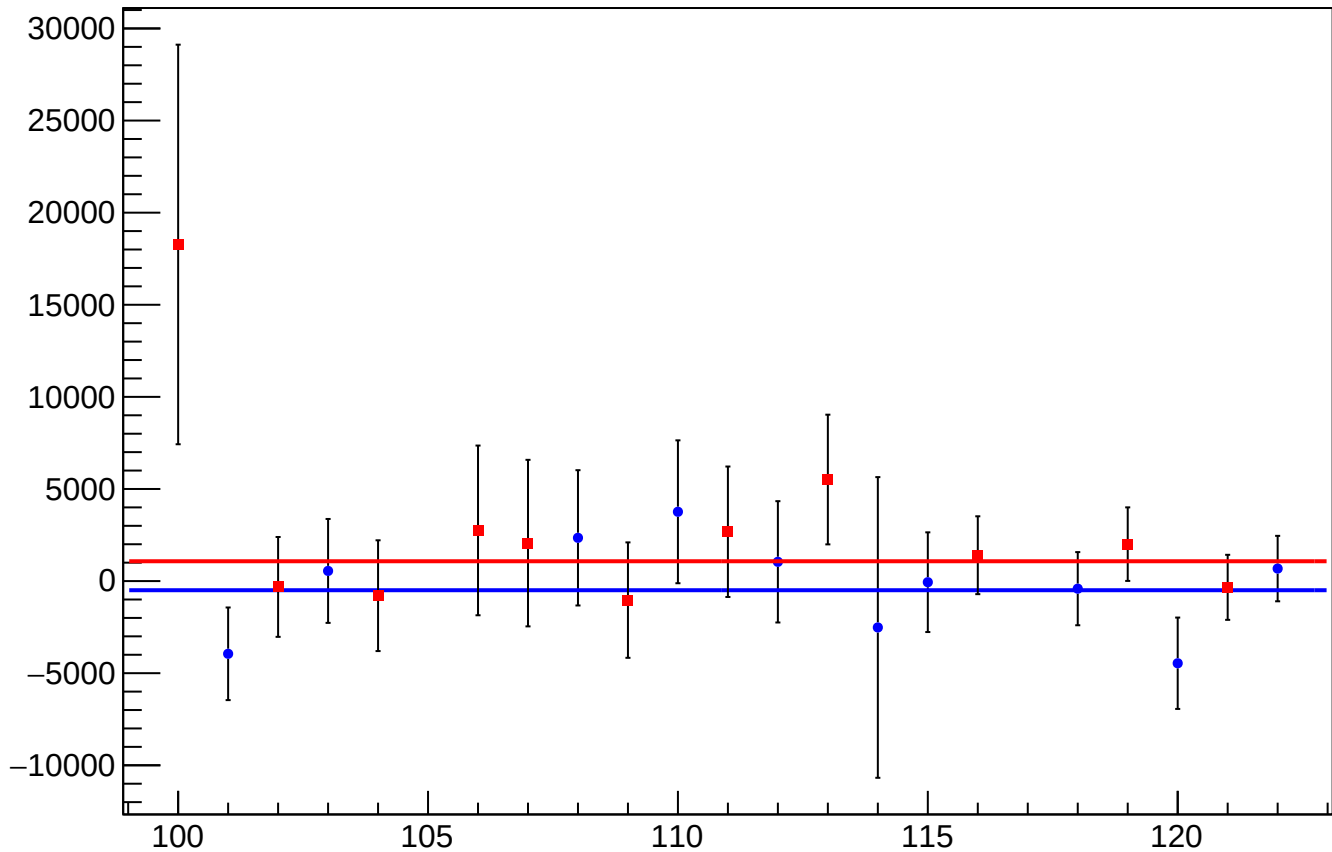
Right: 152.532+/-0.039 χ^2/NDF : 1696185.2/20

In: 148.570+/-0.055 χ^2/NDF : 804021.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.532+/-0.039 χ^2/NDF : 1696185.2/20

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: 1076.351+/-842.384 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

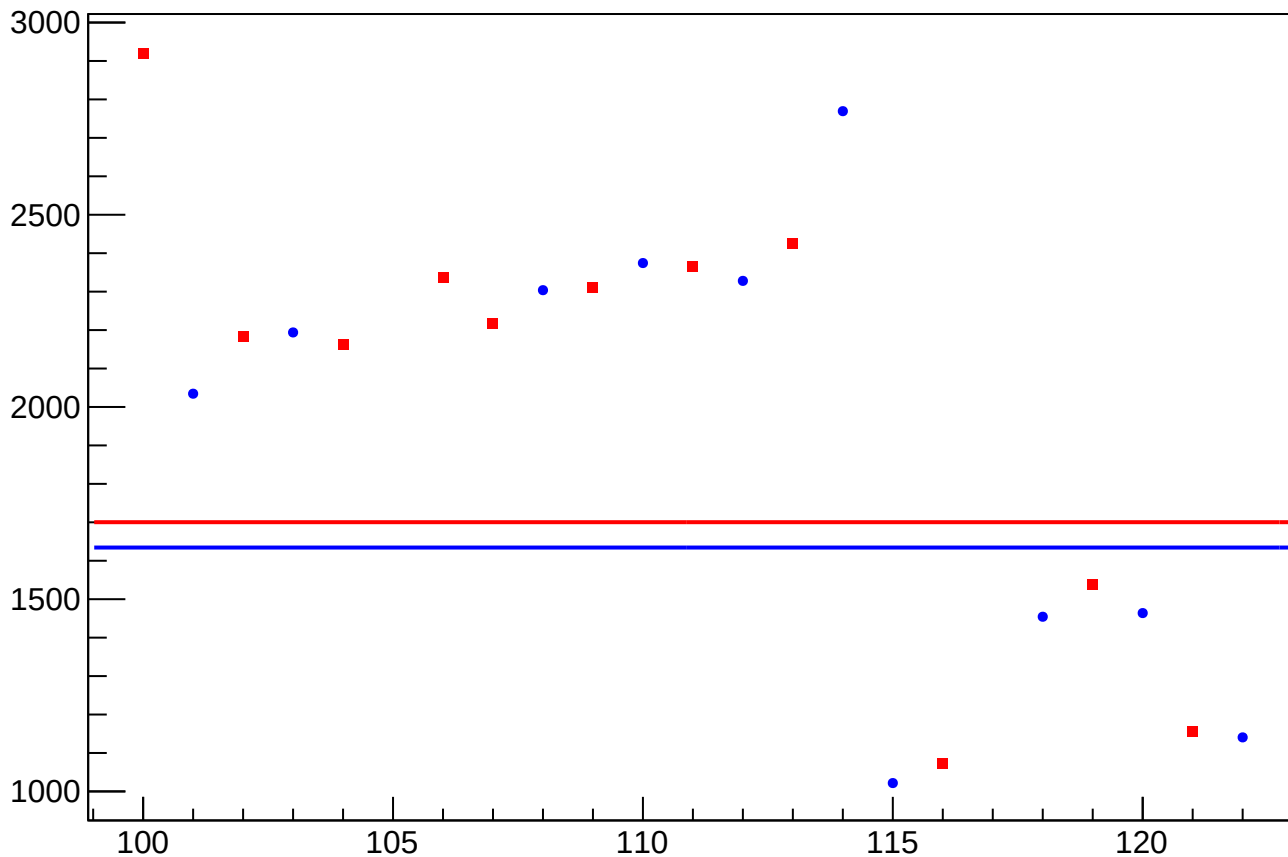
Right: 292.181+/-596.480 χ^2/NDF : 15.3/20

In: -496.346+/-844.720 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.181+/-596.480 χ^2/NDF : 15.3/20

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: 1700.302+/-0.596 χ^2/NDF : 813162.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

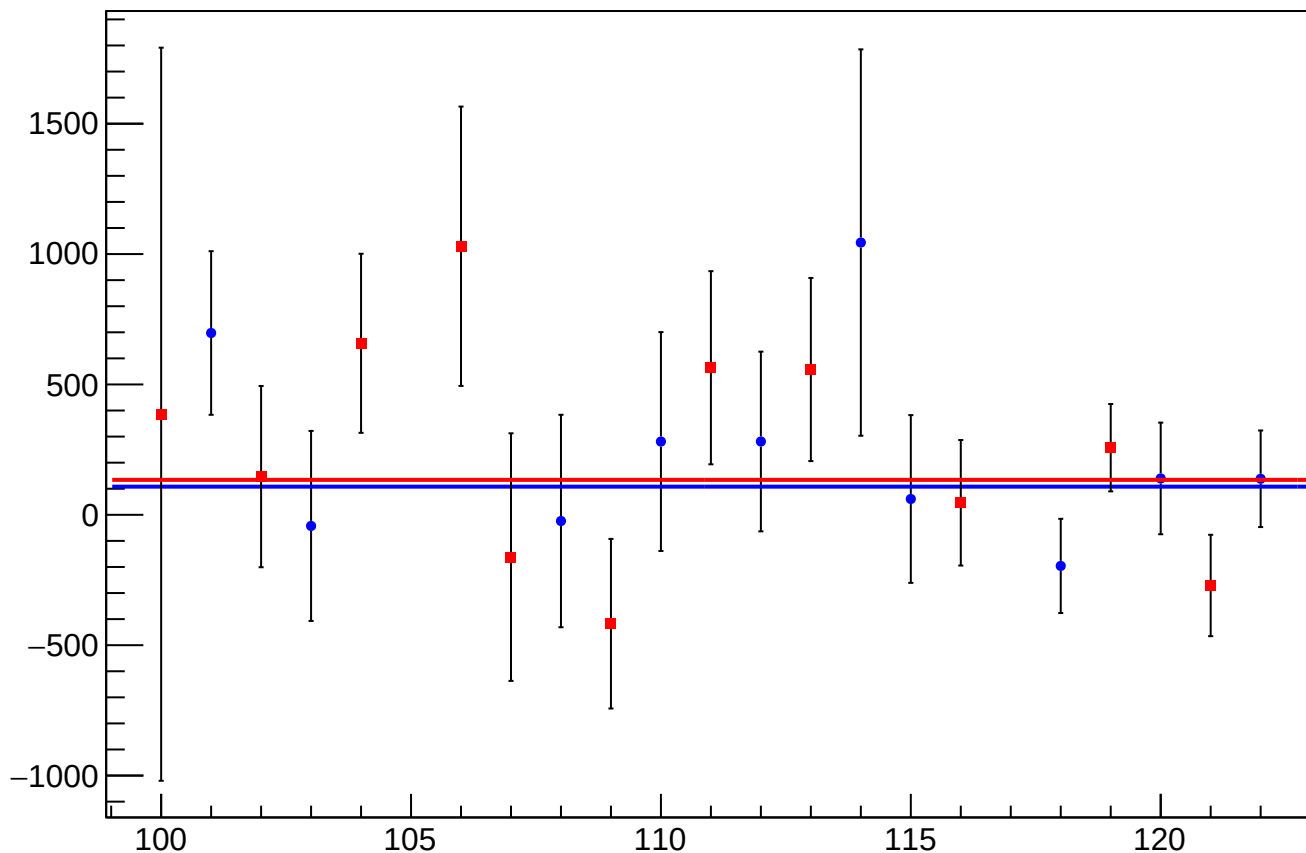
Right: 1667.424+/-0.422 χ^2/NDF : 1498261.8/20

In: 1634.363+/-0.597 χ^2/NDF : 678989.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.424+/-0.422 χ^2/NDF : 1498261.8/20

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: 134.049 $\pm$ 87.913 χ^2 /NDF: 16.2/10

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

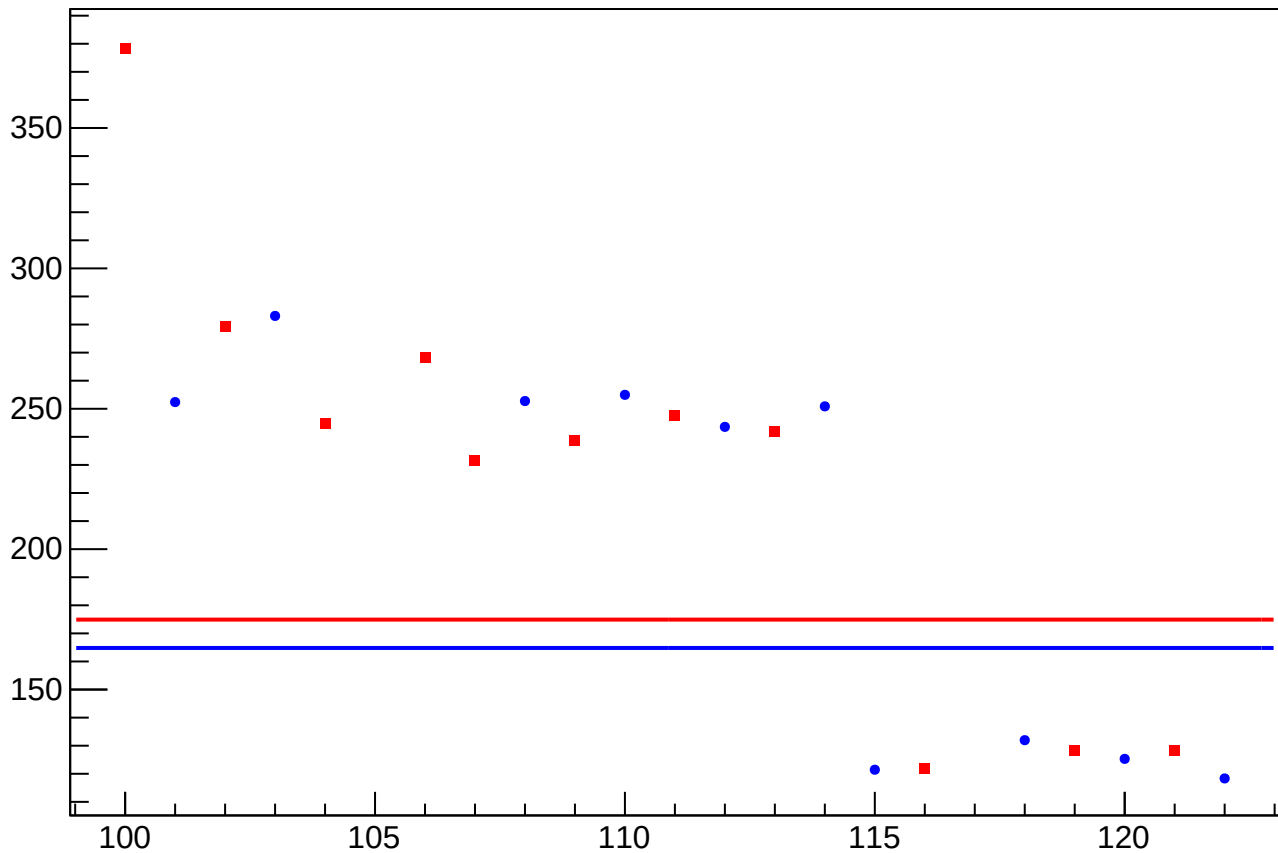
Right: 120.973 $\pm$ 61.983 χ^2 /NDF: 25.0/20

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: 120.973 $\pm$ 61.983 χ^2 /NDF: 25.0/20

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: 174.910+/-0.062 χ^2/NDF : 987882.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

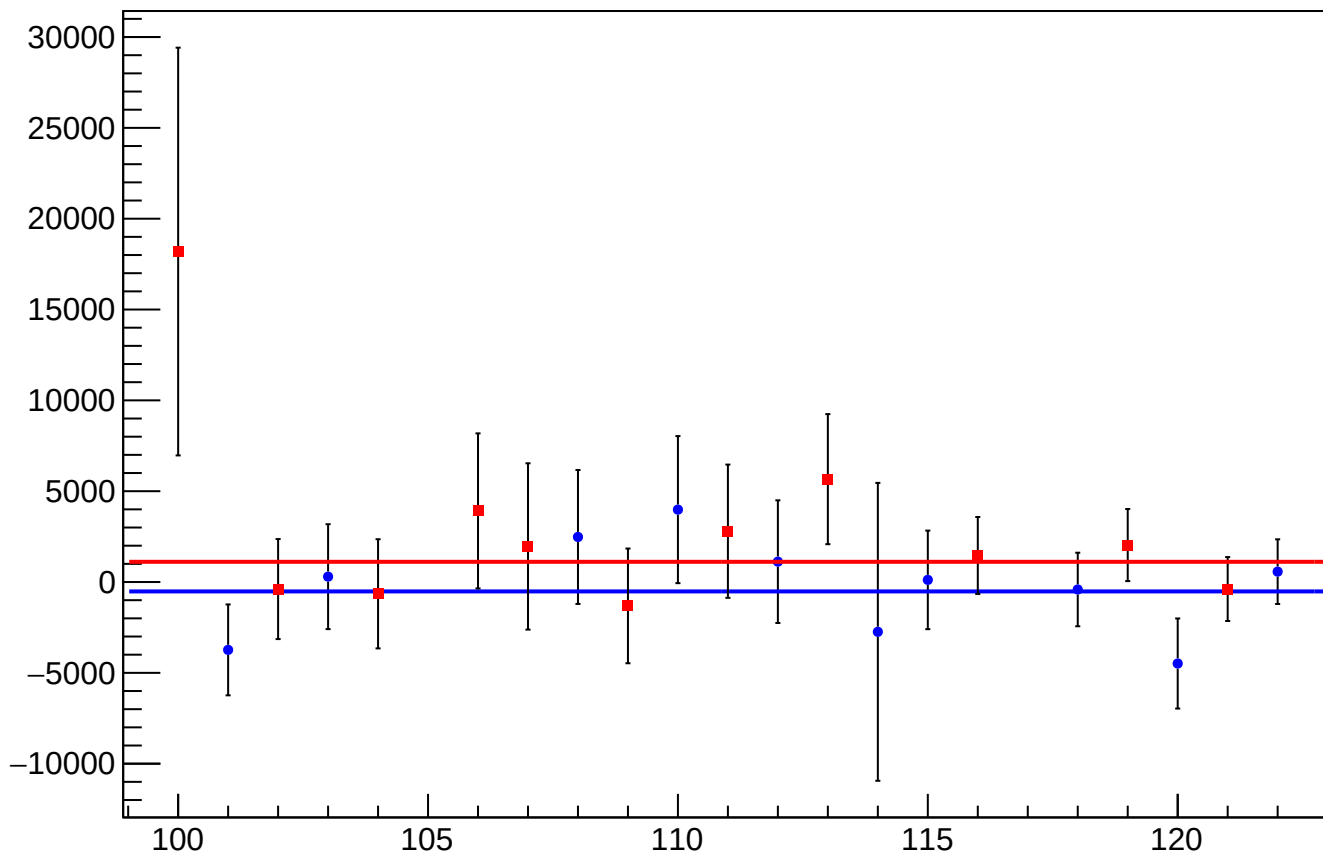
Right: 169.832+/-0.044 χ^2/NDF : 1980926.7/20

In: 164.813+/-0.062 χ^2/NDF : 979776.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.832+/-0.044 χ^2/NDF : 1980926.7/20

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: 1113.102+/-843.511 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

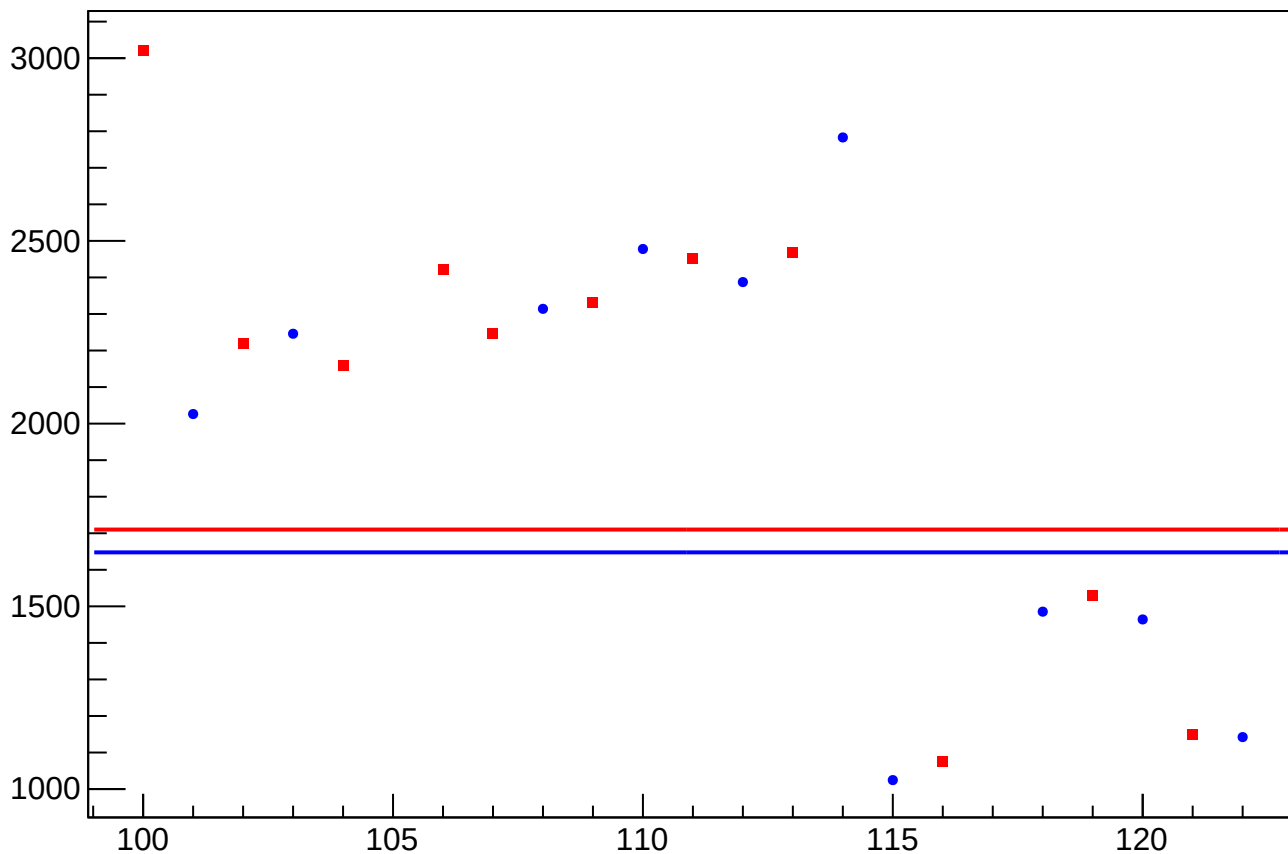
Right: 306.742+/-599.673 χ^2/NDF : 15.6/20

In: -517.269+/-852.693 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.742+/-599.673 χ^2/NDF : 15.6/20

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: 1710.114+/-0.596 χ^2/NDF : 870889.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

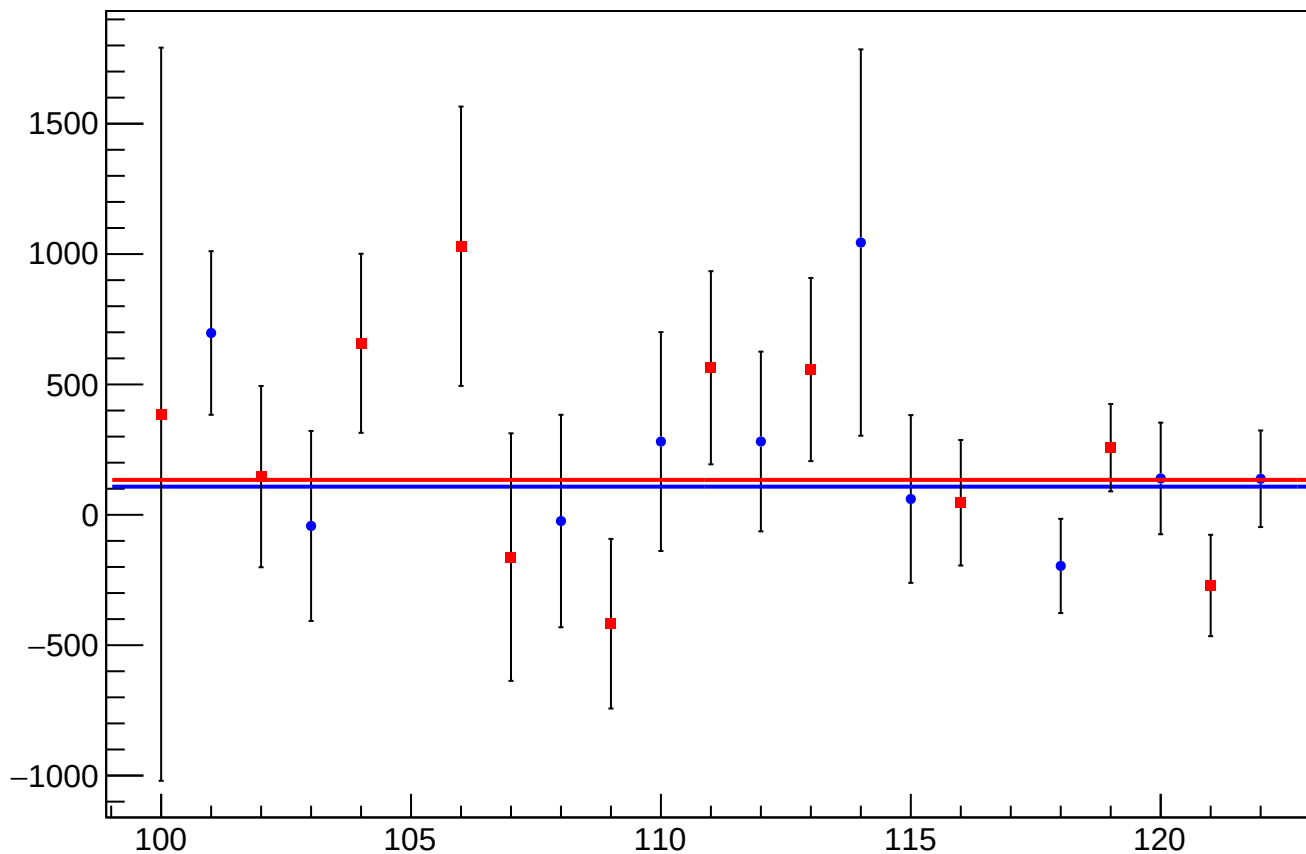
Right: 1679.237+/-0.424 χ^2/NDF : 1582497.9/20

In: 1647.685+/-0.603 χ^2/NDF : 706190.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.237+/-0.424 χ^2/NDF : 1582497.9/20

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: 134.047+/-87.913 χ^2/NDF : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

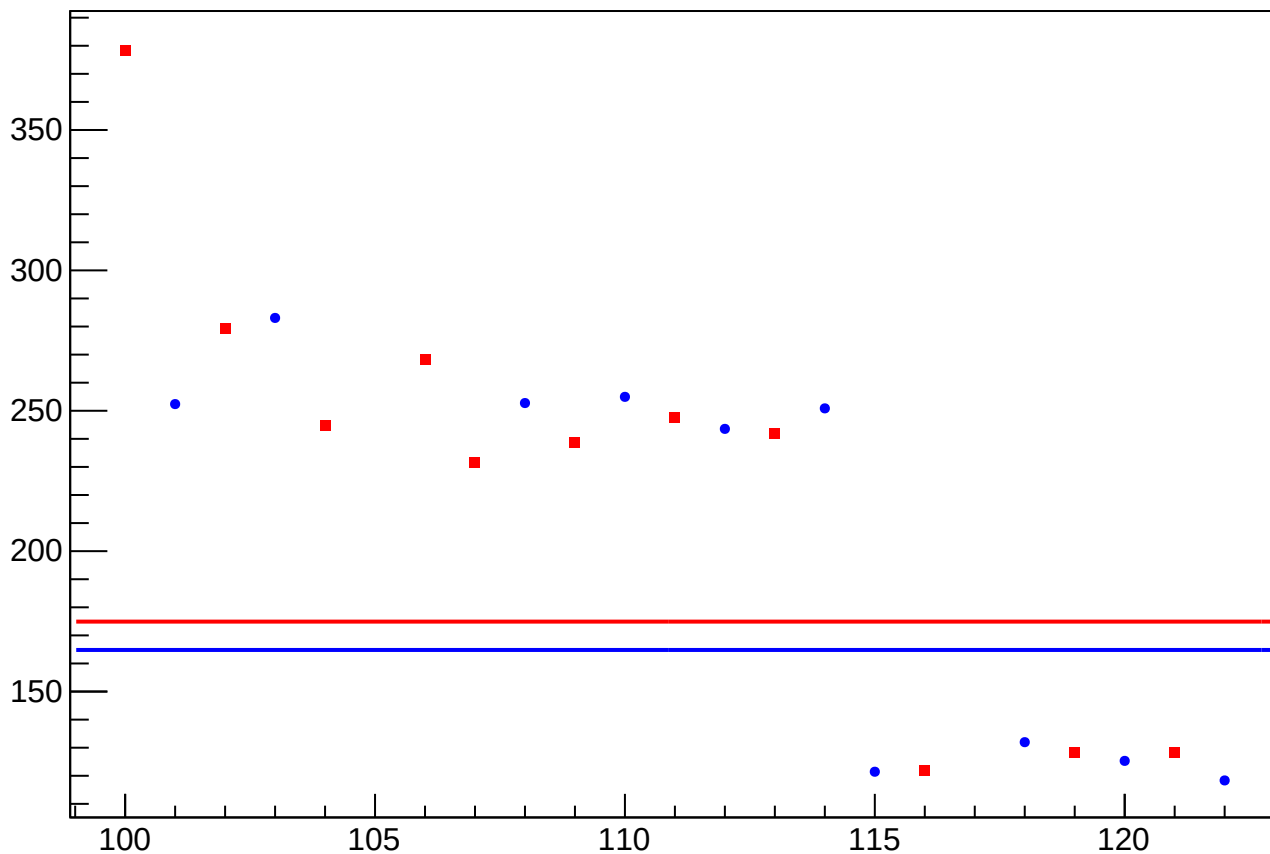
Right: 120.974+/-61.983 χ^2/NDF : 25.0/20

In: 108.051+/-87.403 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.974+/-61.983 χ^2/NDF : 25.0/20

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: 174.910+/-0.062 χ^2/NDF : 987860.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

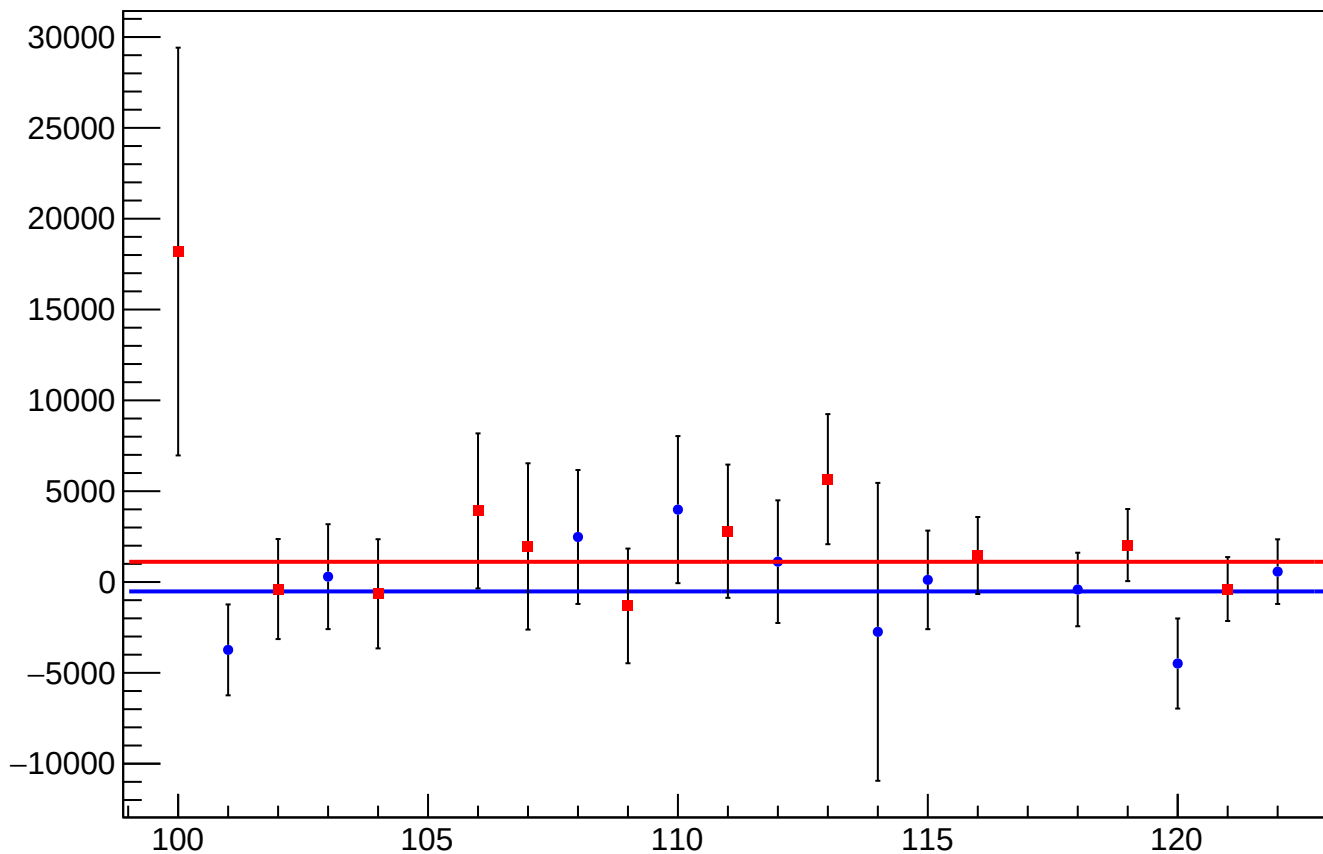
Right: 169.832+/-0.044 χ^2/NDF : 1980886.3/20

In: 164.813+/-0.062 χ^2/NDF : 979758.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.832+/-0.044 χ^2/NDF : 1980886.3/20

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: 1113.102+/-843.510 χ^2/NDF : 6.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

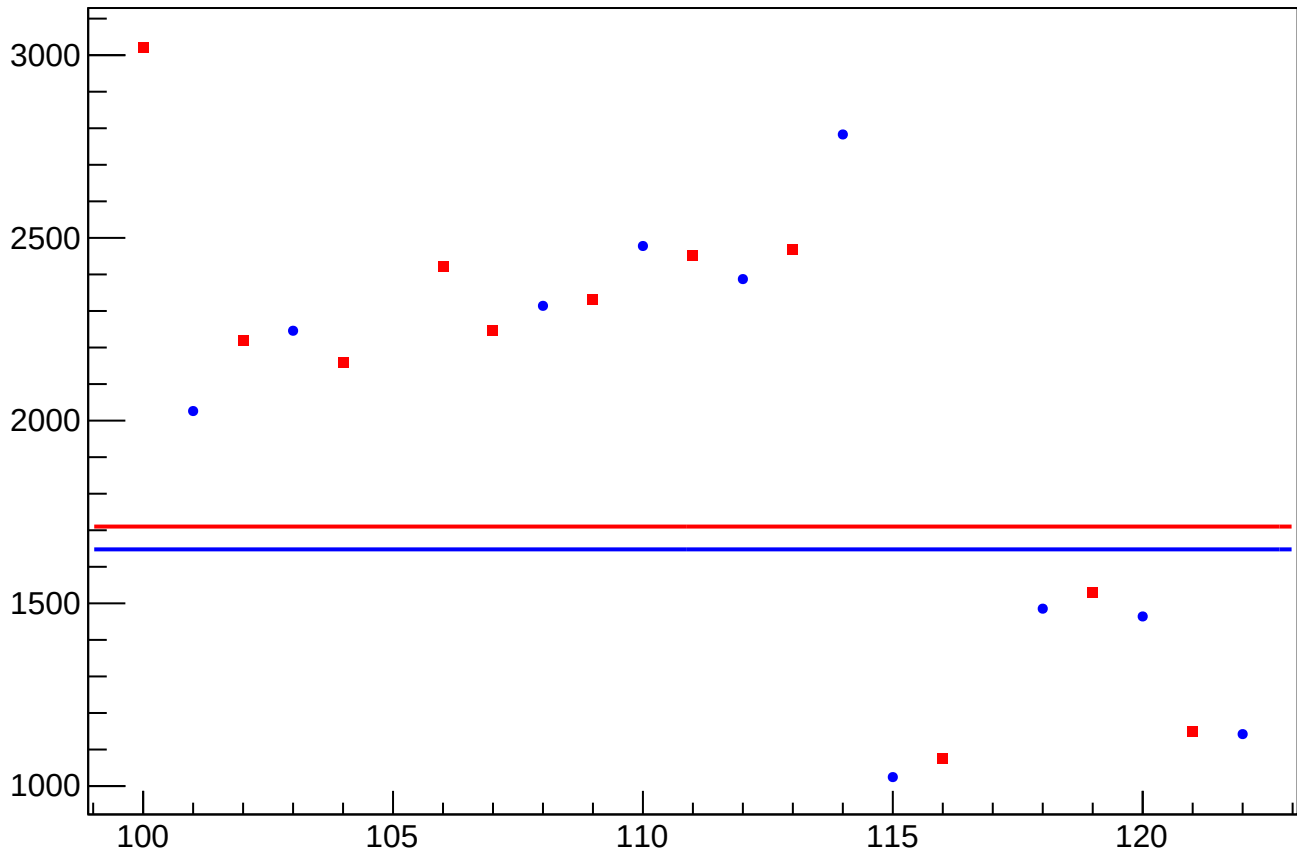
Right: 306.743+/-599.672 χ^2/NDF : 15.6/20

In: -517.268+/-852.692 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.743+/-599.672 χ^2/NDF : 15.6/20

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: 1710.112+/-0.596 χ^2/NDF : 870878.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

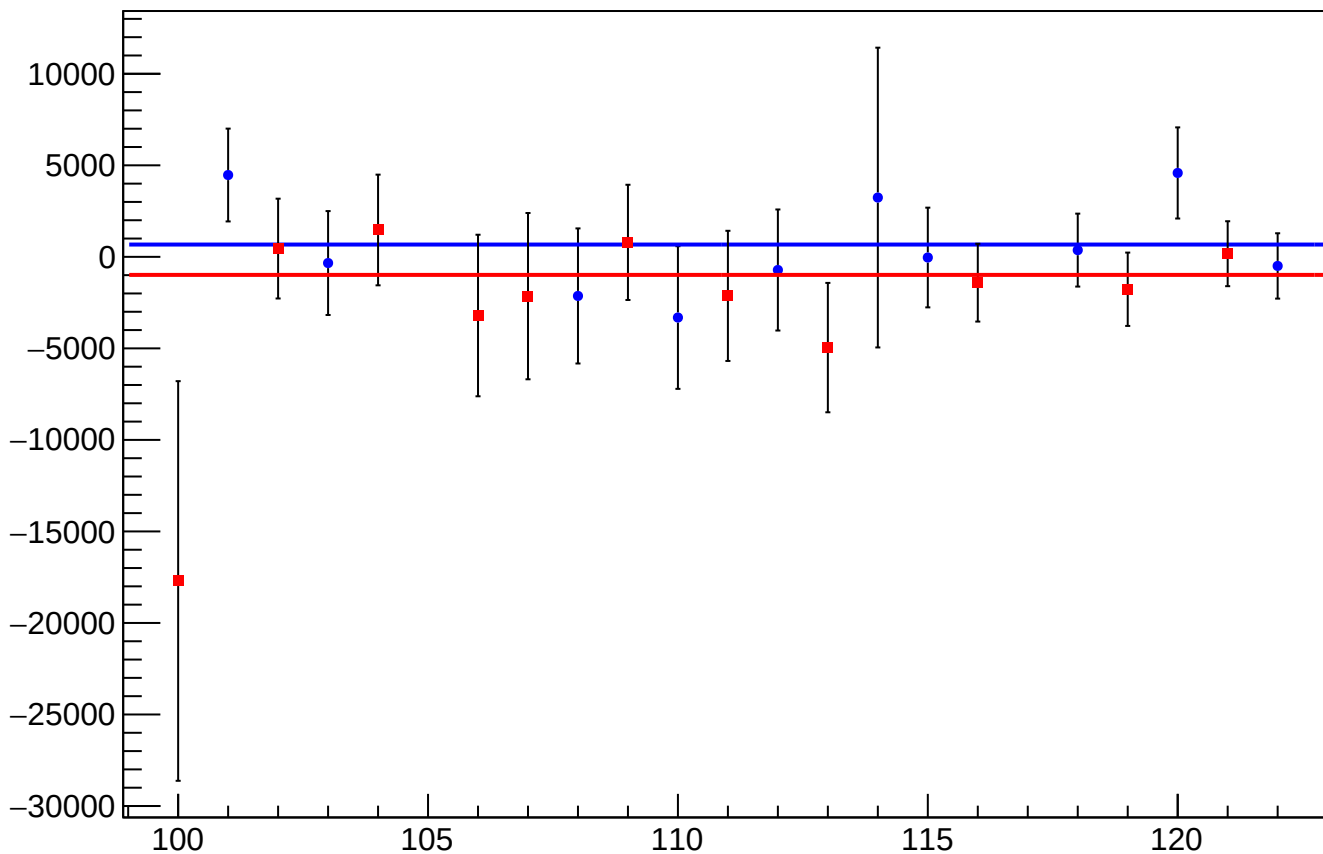
Right: 1679.236+/-0.424 χ^2/NDF : 1582476.5/20

In: 1647.683+/-0.603 χ^2/NDF : 706179.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.236+/-0.424 χ^2/NDF : 1582476.5/20

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: -985.877+/-844.915 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

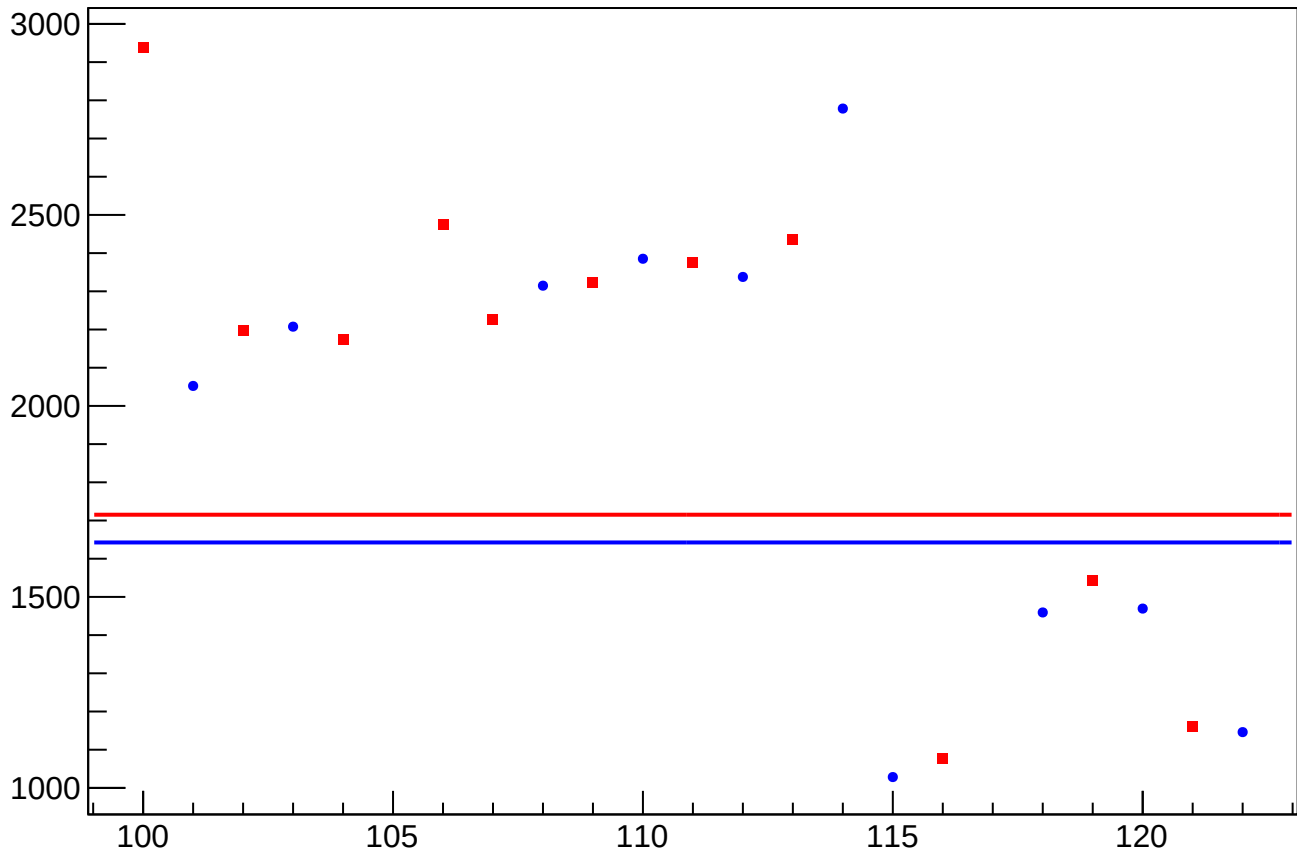
Right: -160.969+/-598.879 χ^2/NDF : 15.1/20

In: 671.906+/-848.985 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.969+/-598.879 χ^2/NDF : 15.1/20

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: 1715.170+/-0.597 χ^2/NDF : 834604.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

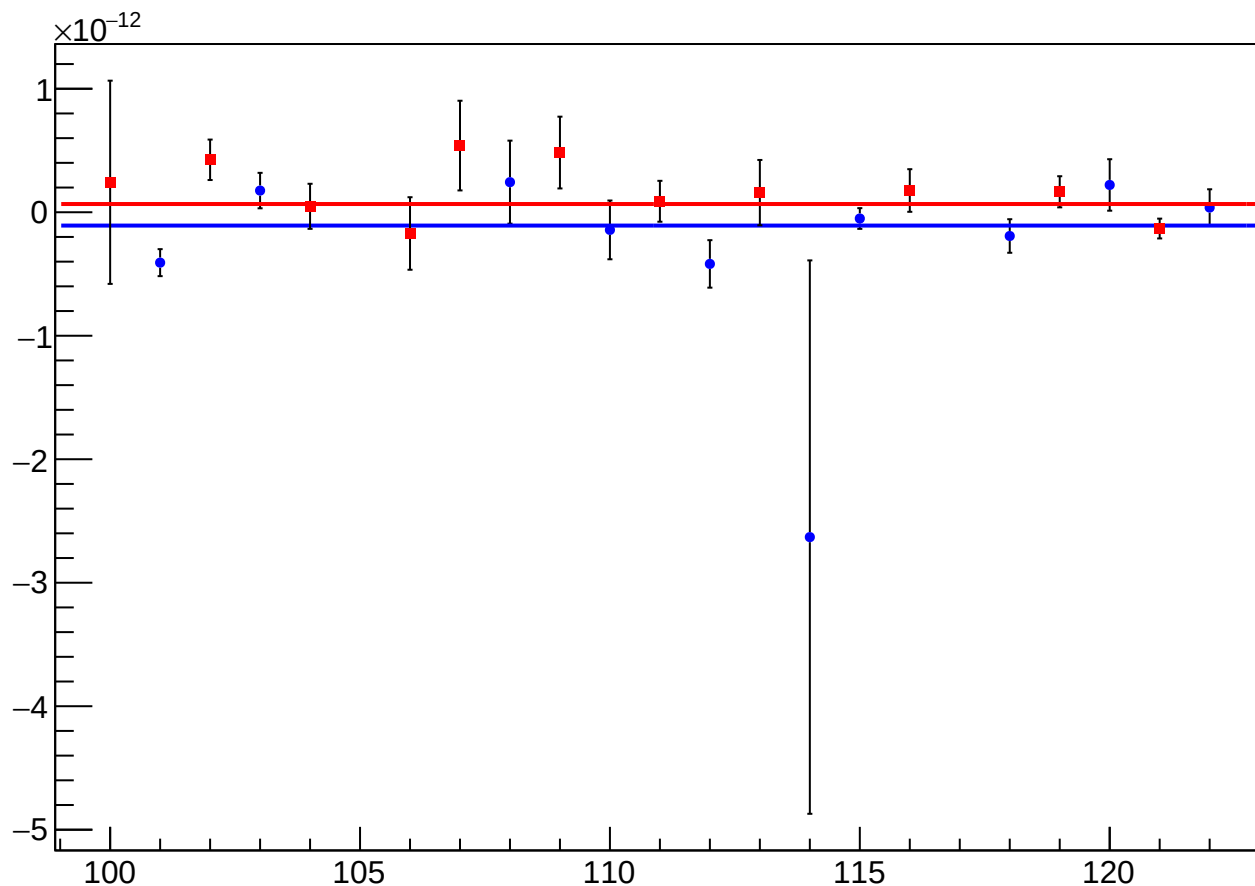
Right: 1679.036+/-0.423 χ^2/NDF : 1522393.4/20

In: 1642.552+/-0.600 χ^2/NDF : 680437.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1679.036+/-0.423 χ^2/NDF : 1522393.4/20

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 : 16.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

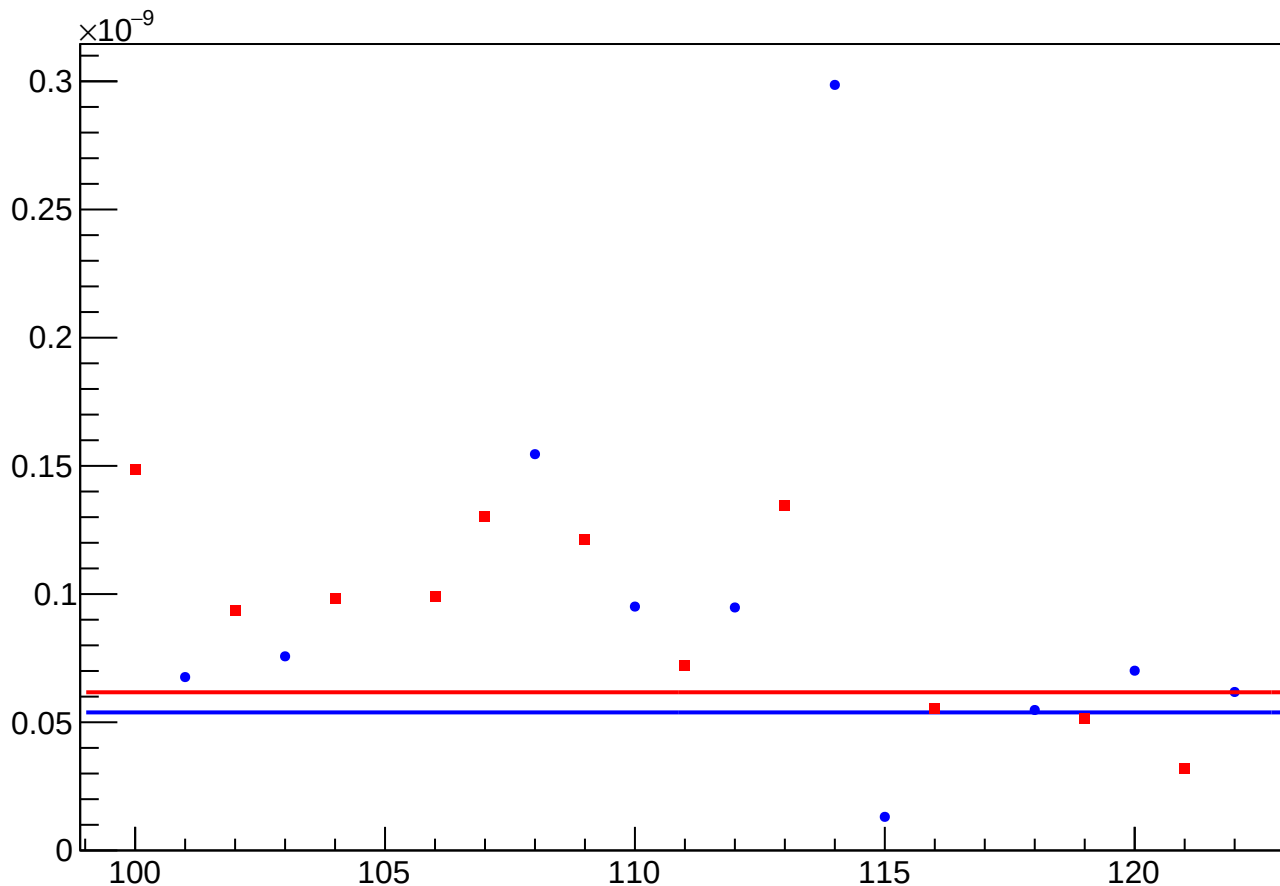
Right: -0.000 ± 0.000 χ^2/NDF : 43.8/20

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 : 43.8/20

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 : 817930.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

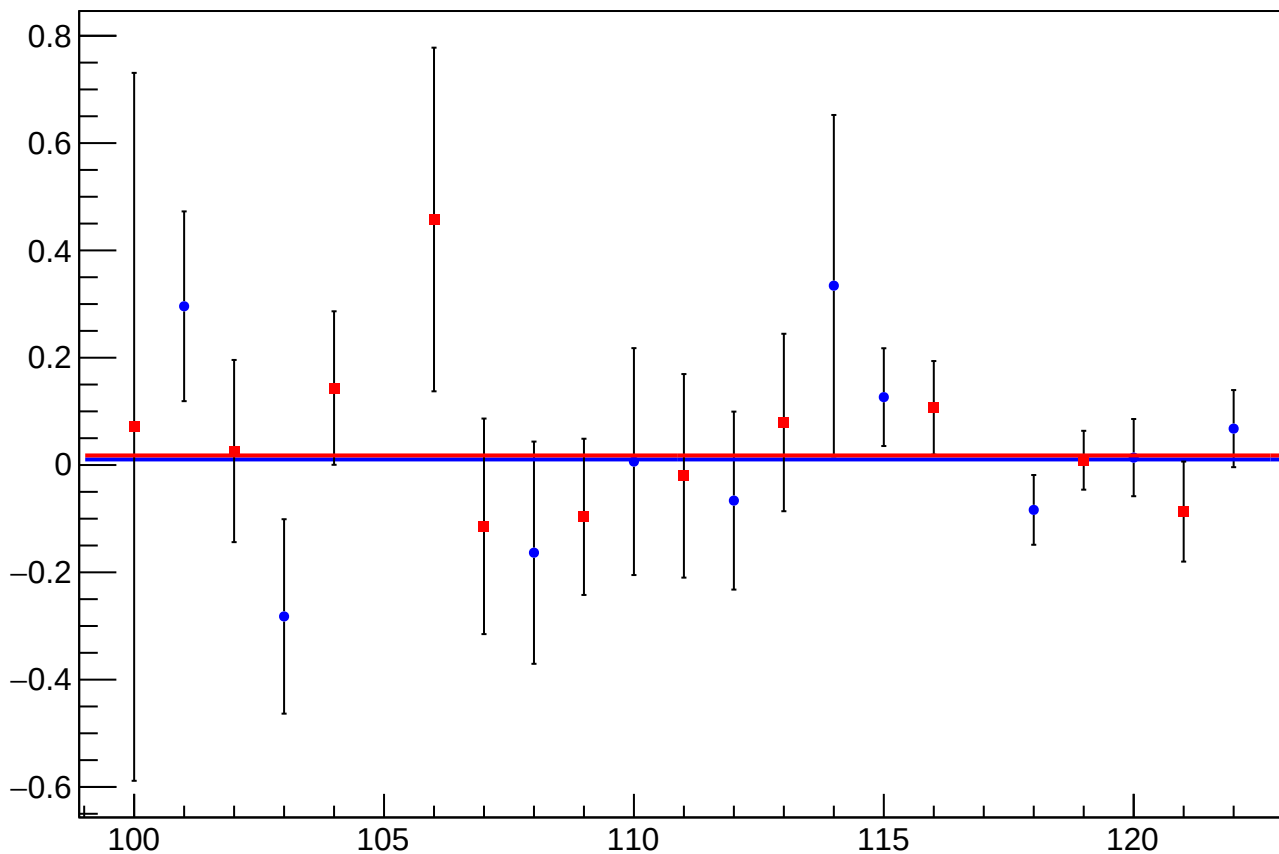
Right: 0.000+/-0.000 χ^2/NDF : 1765712.0/20

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 : 1765712.0/20

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: 0.018+/-0.035 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

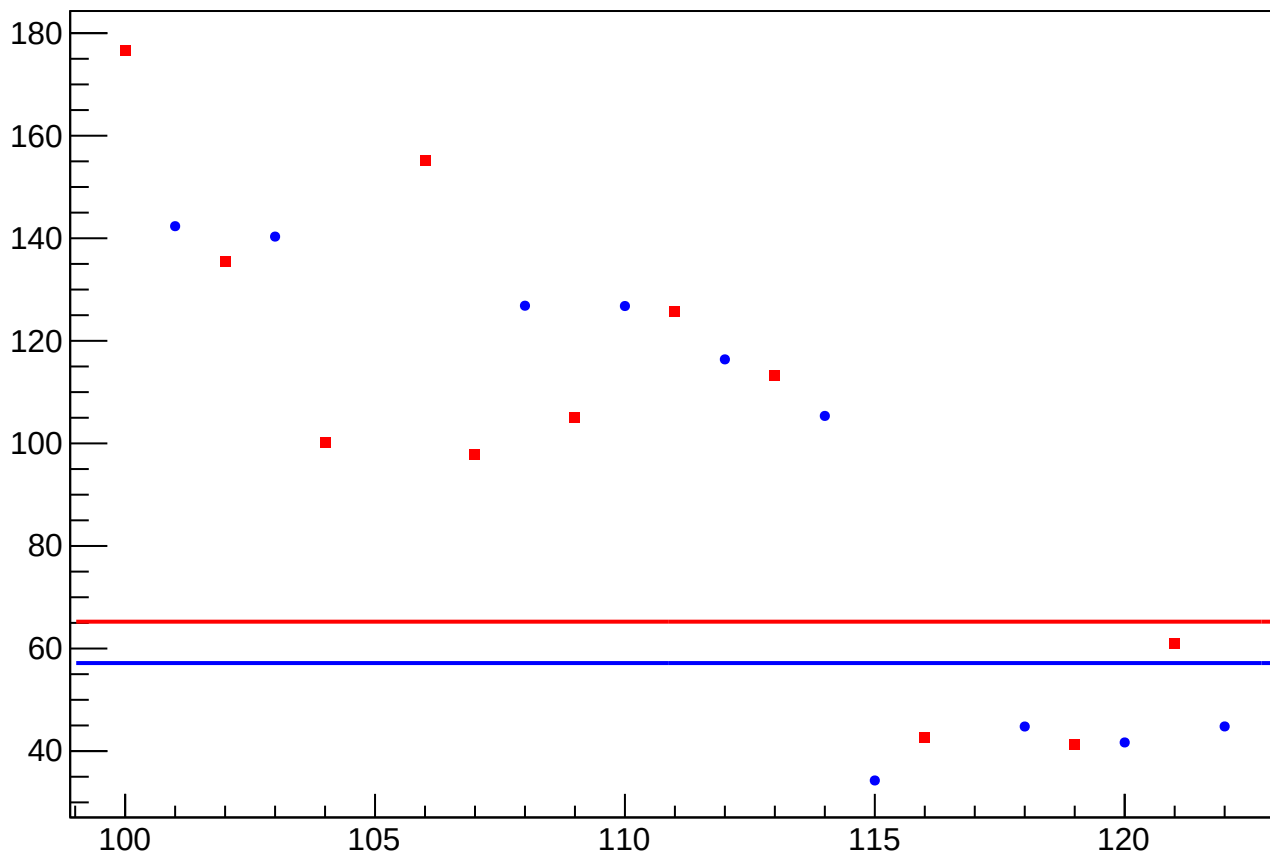
Right: 0.014+/-0.024 χ^2/NDF : 17.8/20

In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.024 χ^2/NDF : 17.8/20

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: 65.238+/-0.025 χ^2/NDF : 1769087.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

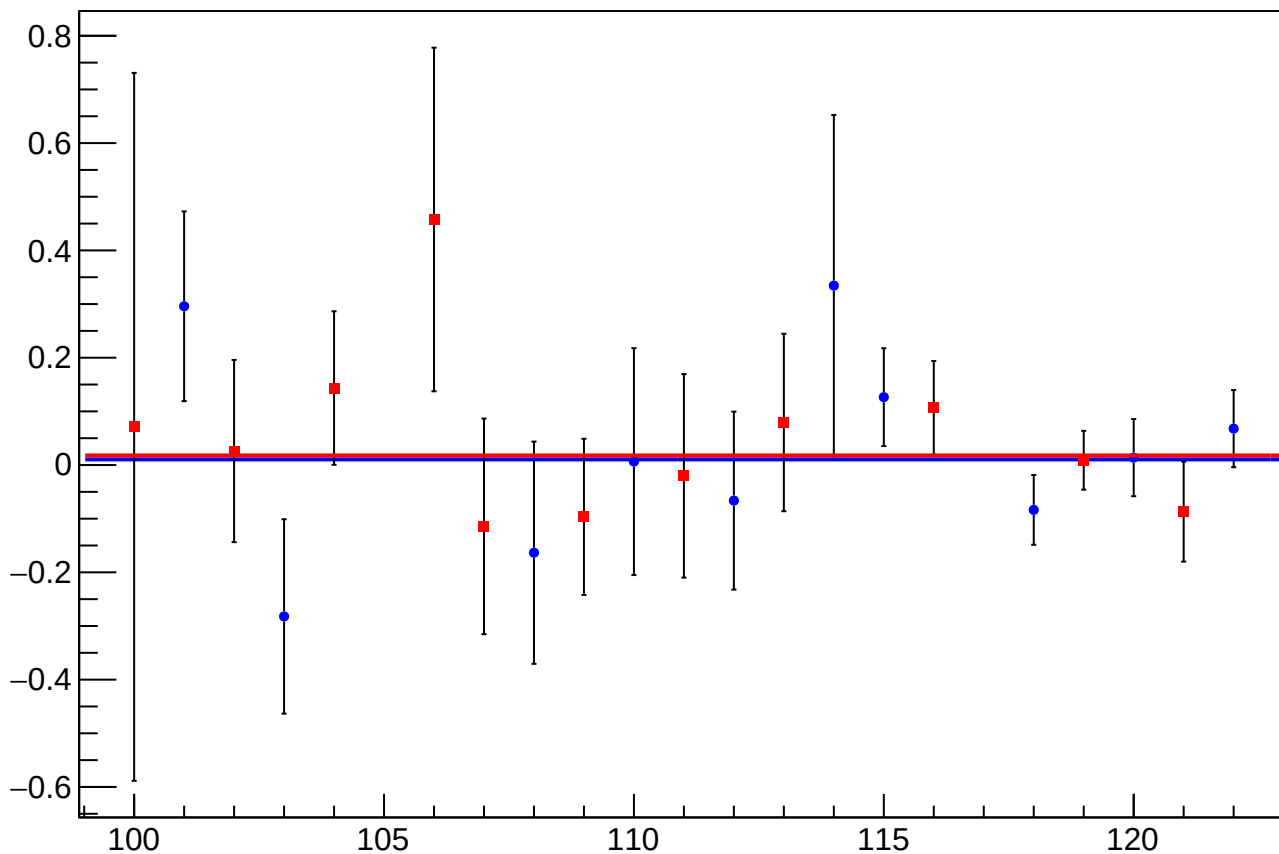
Right: 60.996+/-0.017 χ^2/NDF : 3804756.2/20

In: 57.166+/-0.024 χ^2/NDF : 1980140.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.996+/-0.017 χ^2/NDF : 3804756.2/20

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: 0.018+/-0.035 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

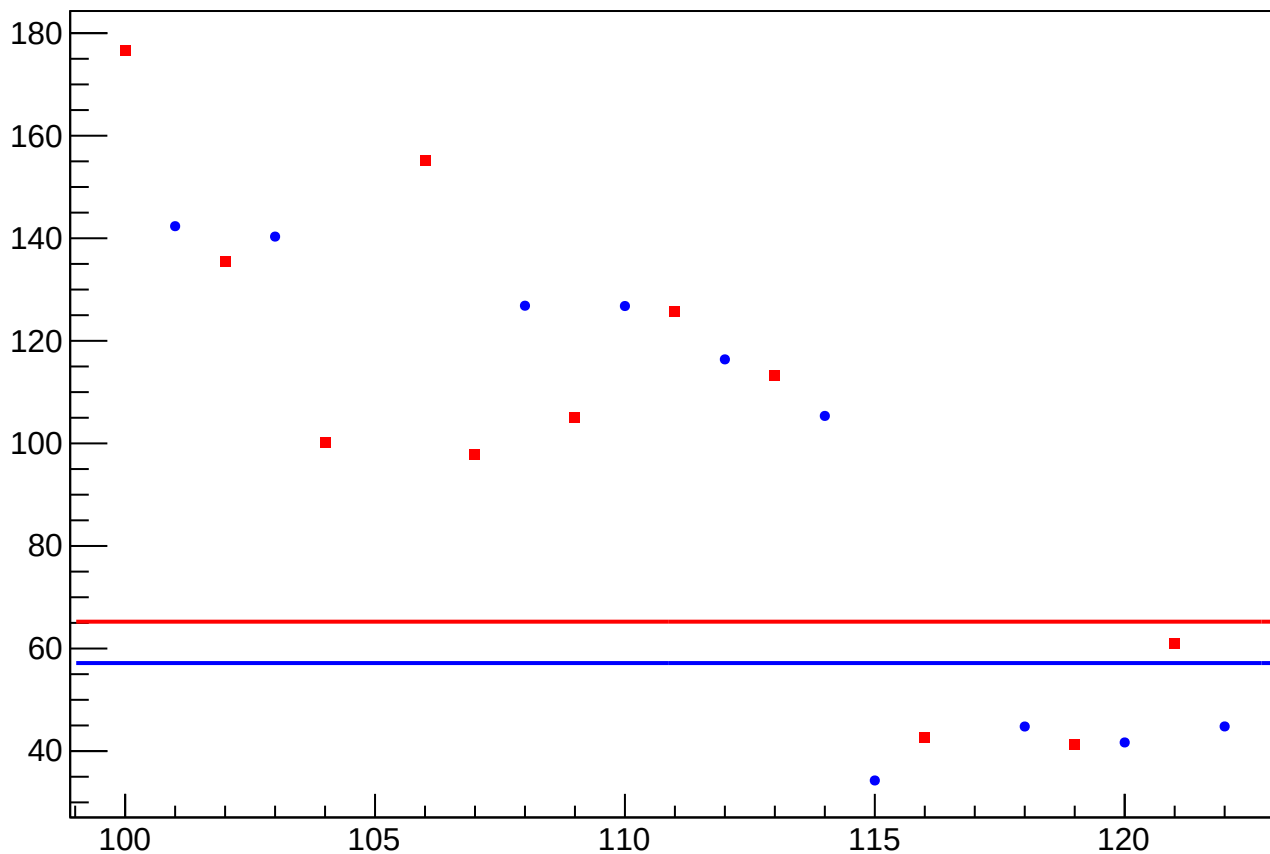
Right: 0.014+/-0.024 χ^2/NDF : 17.8/20

In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.024 χ^2/NDF : 17.8/20

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: 65.238+/-0.025 χ^2/NDF : 1769087.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

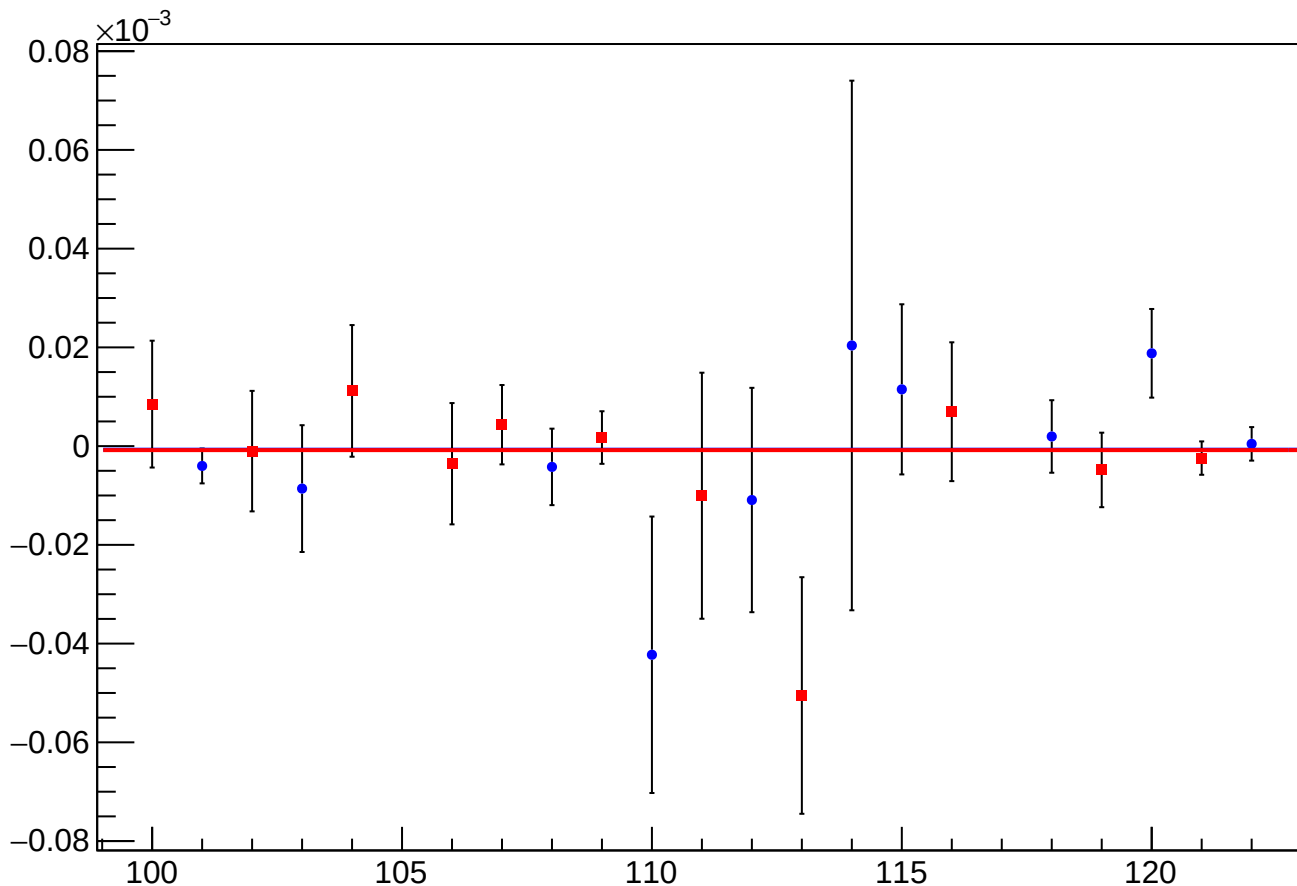
Right: 60.996+/-0.017 χ^2/NDF : 3804756.2/20

In: 57.166+/-0.024 χ^2/NDF : 1980140.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.996+/-0.017 χ^2/NDF : 3804756.2/20

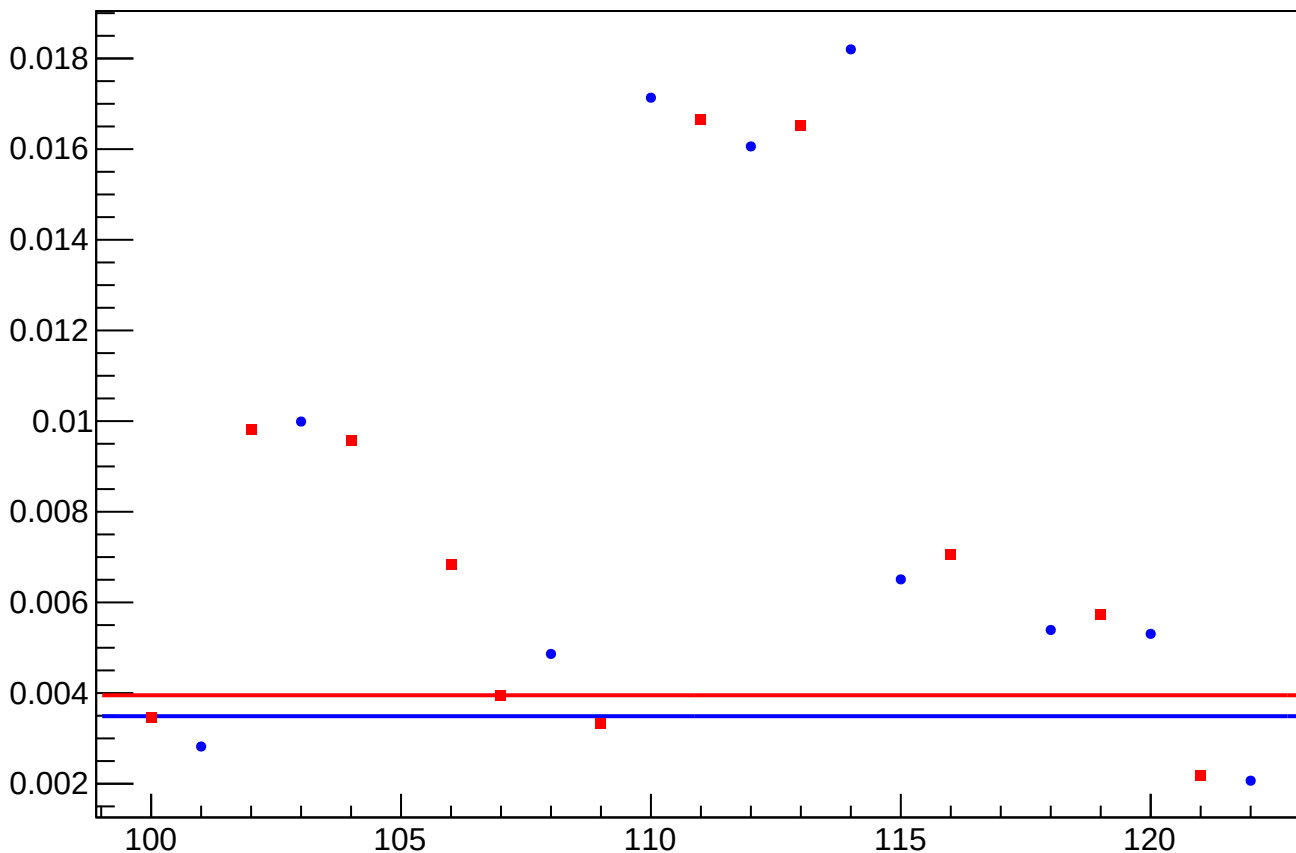
asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 7.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 16.8/20
 In: -0.000+/-0.000 χ^2/NDF : 9.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 16.8/20

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 : 2783352.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

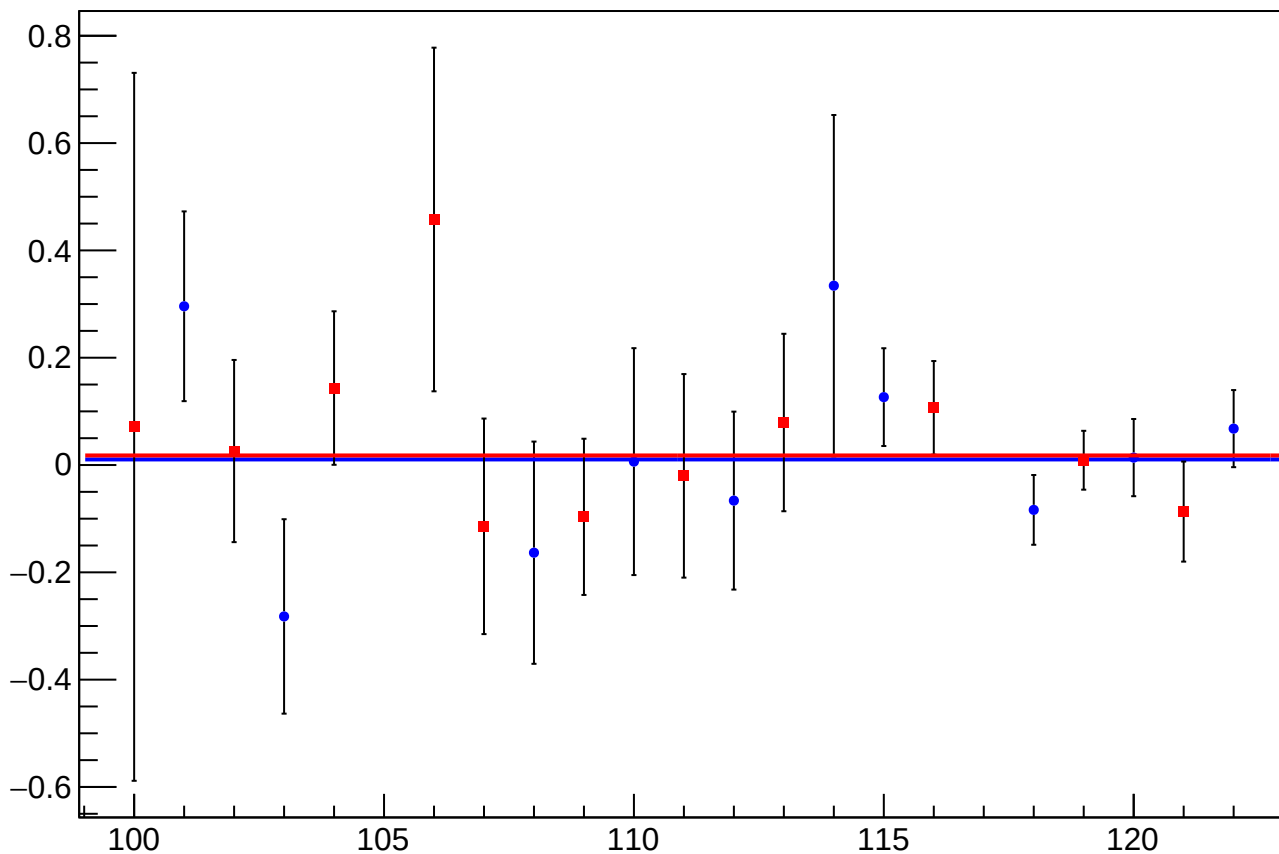
Right: 0.004+/-0.000 χ^2/NDF : 5340475.8/20

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 : 5340475.8/20

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: 0.018+/-0.035 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

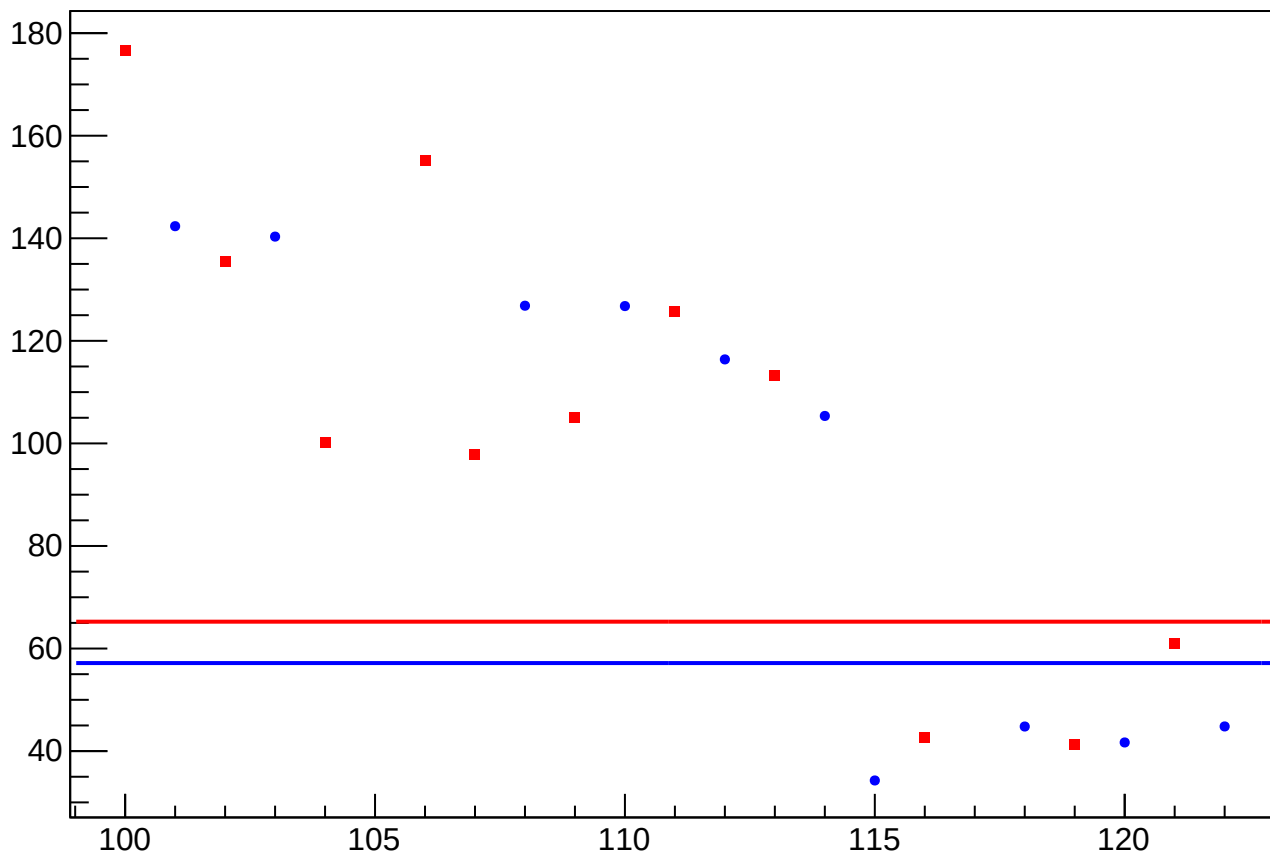
Right: 0.014+/-0.024 χ^2/NDF : 17.8/20

In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.024 χ^2/NDF : 17.8/20

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: 65.238+/-0.025 χ^2/NDF : 1768990.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

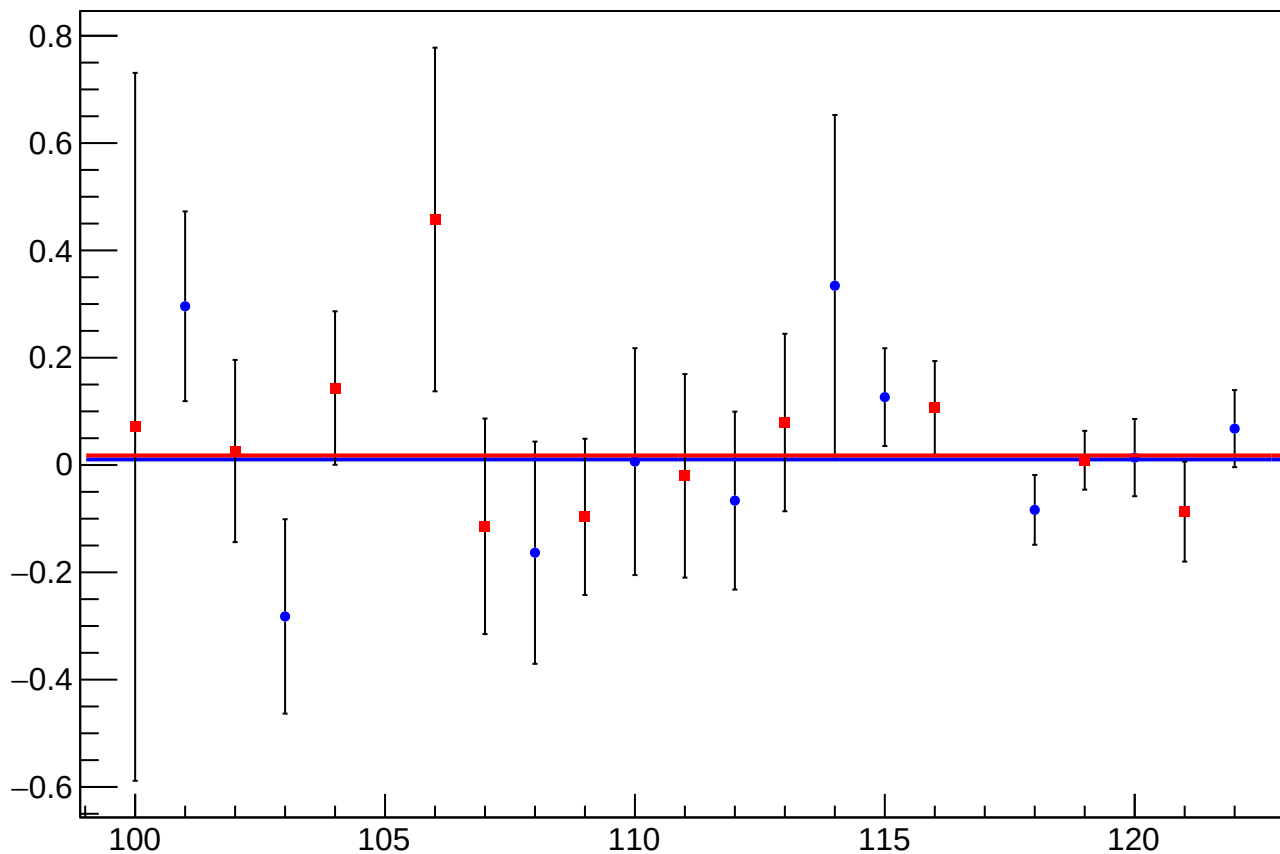
Right: 60.996+/-0.017 χ^2/NDF : 3804541.3/20

In: 57.167+/-0.024 χ^2/NDF : 1980033.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.996+/-0.017 χ^2/NDF : 3804541.3/20

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: 0.018+/-0.035 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

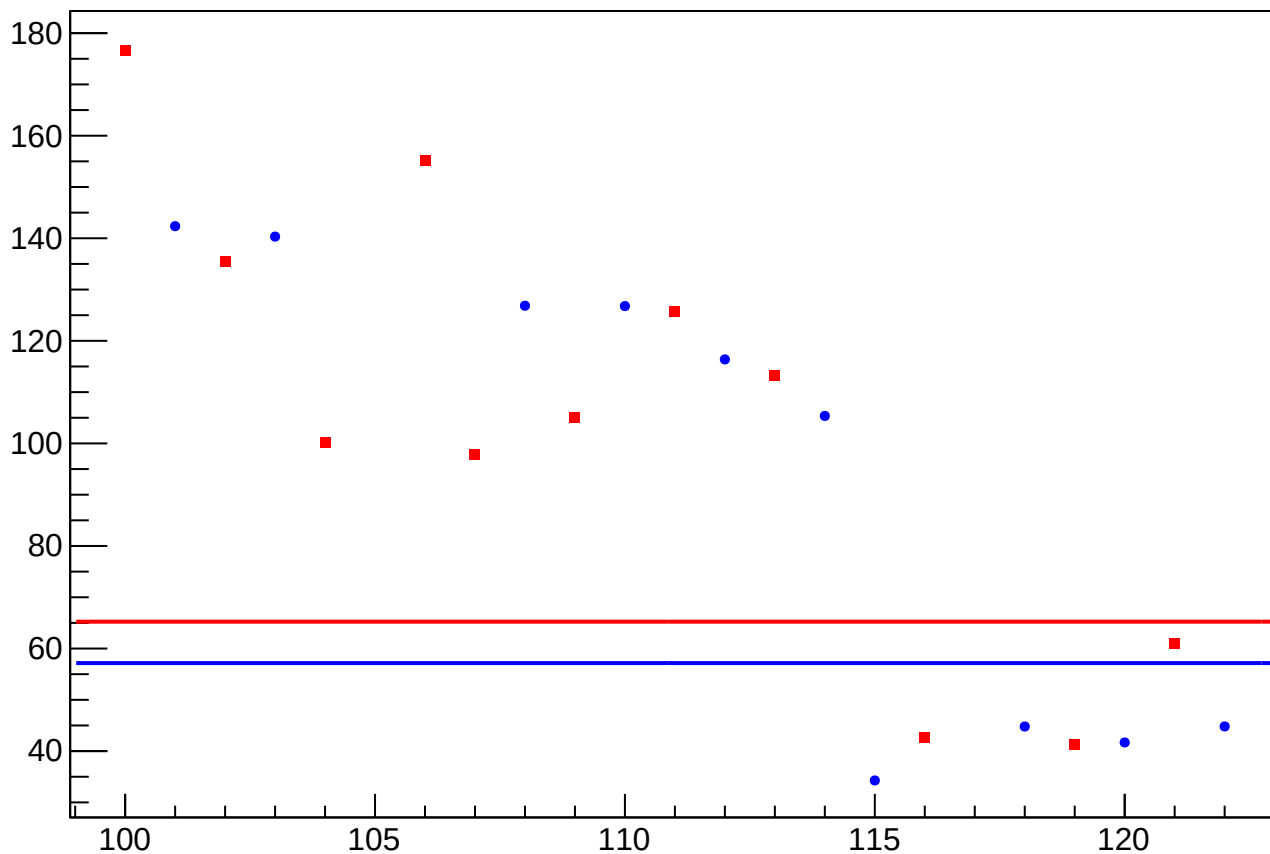
Right: 0.014+/-0.024 χ^2/NDF : 17.8/20

In: 0.010+/-0.033 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.024 χ^2/NDF : 17.8/20

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: 65.238+/-0.025 χ^2/NDF : 1768990.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

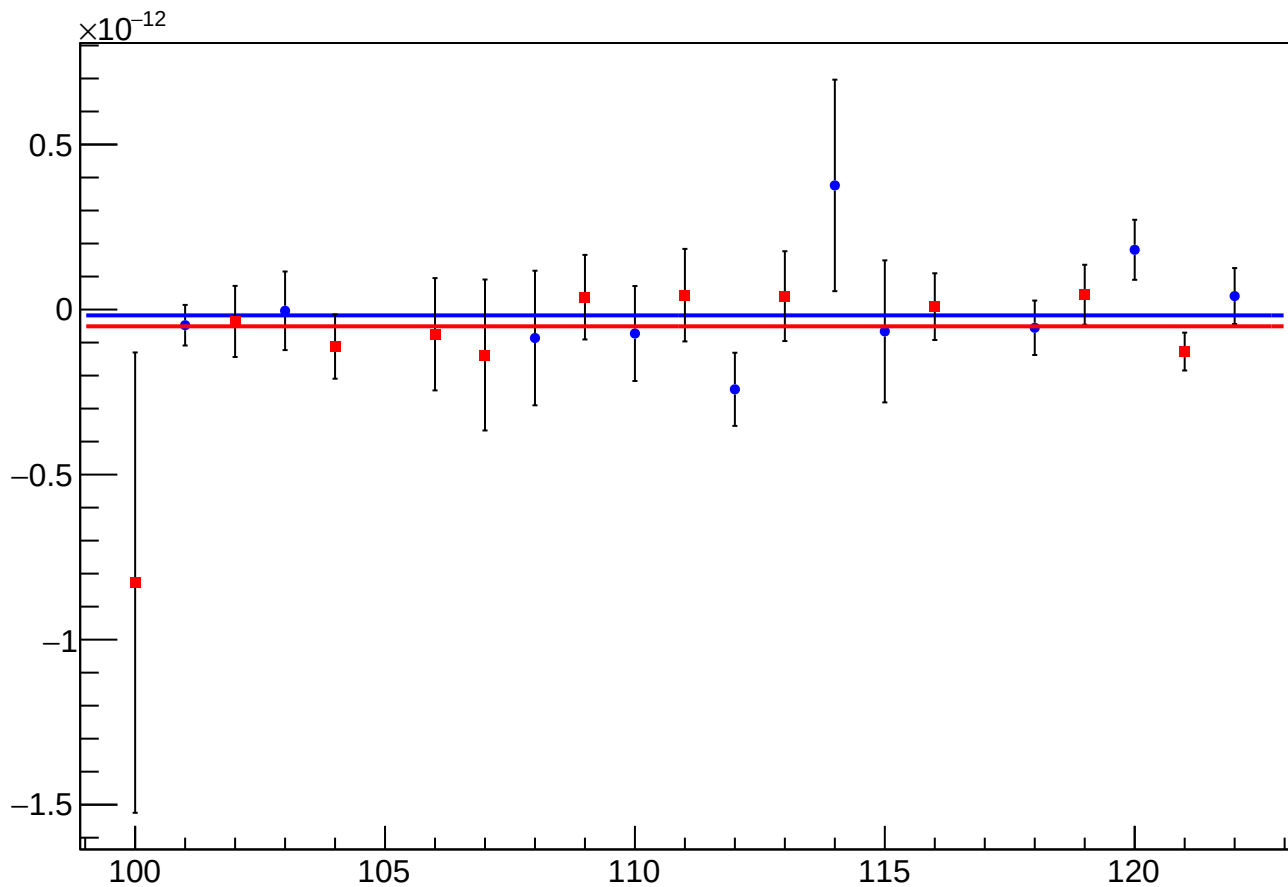
Right: 60.996+/-0.017 χ^2/NDF : 3804541.3/20

In: 57.167+/-0.024 χ^2/NDF : 1980033.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.996+/-0.017 χ^2/NDF : 3804541.3/20

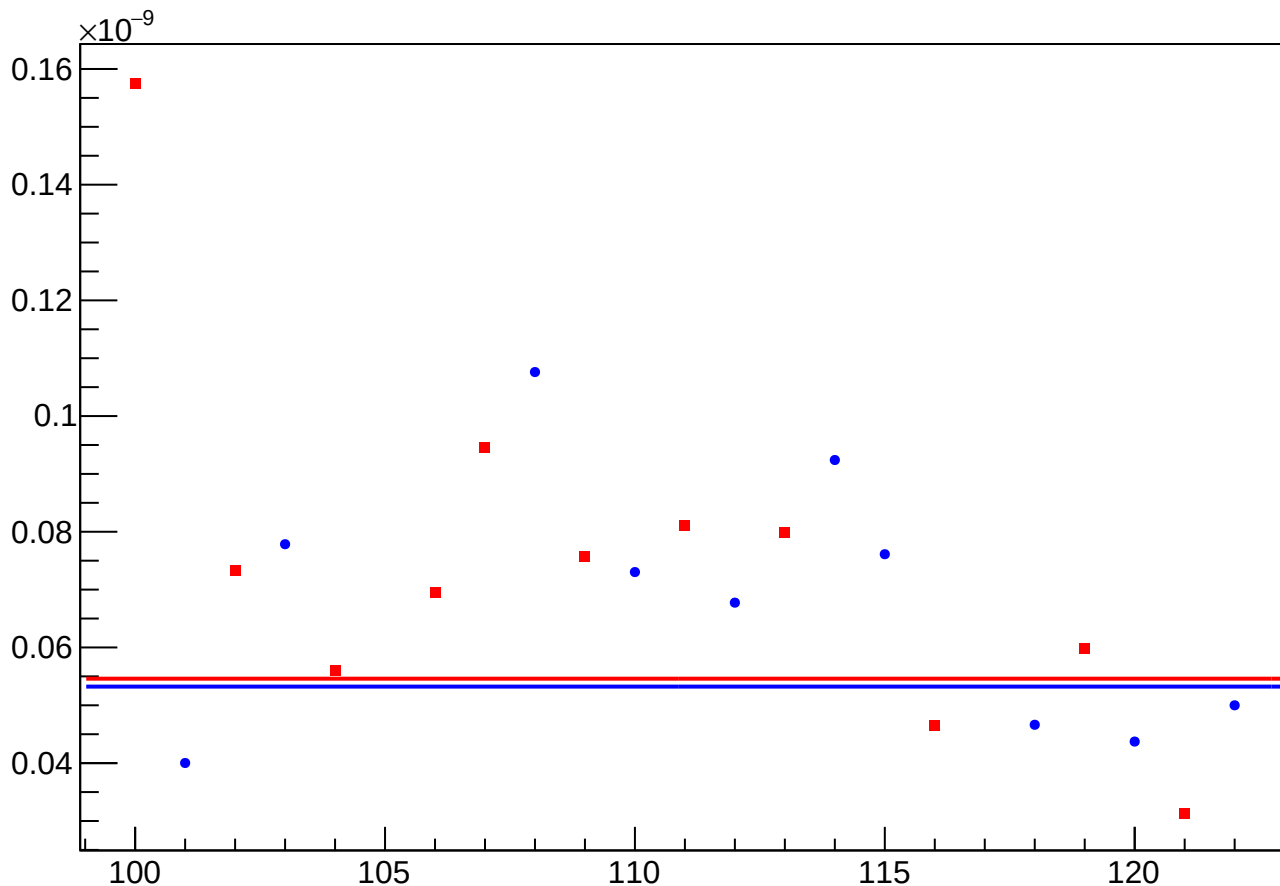
asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 6.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 18.6/20
 In: -0.000+/-0.000 χ^2/NDF : 11.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 18.6/20

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 : 725170.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

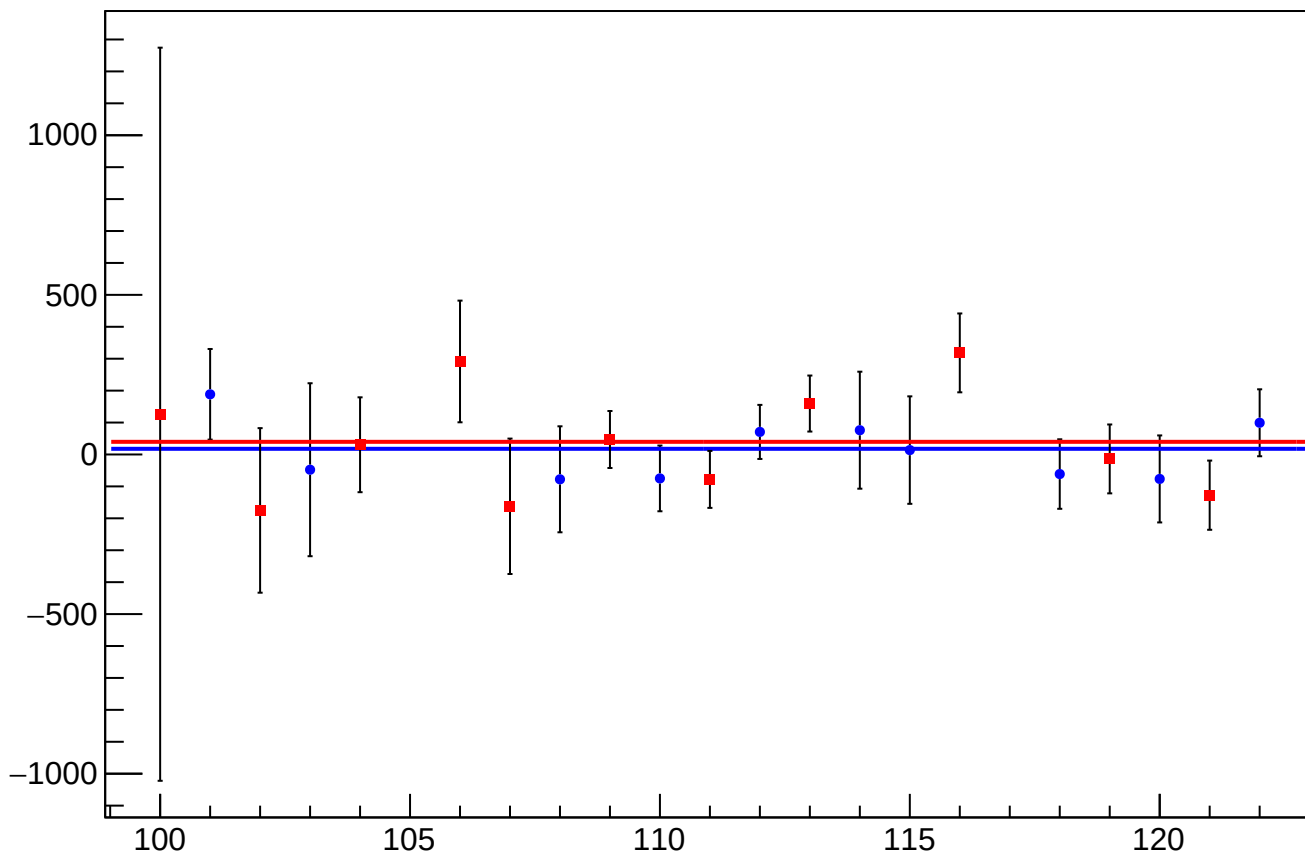
Right: 0.000+/-0.000 χ^2/NDF : 1209204.9/20

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 : 1209204.9/20

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 17.745 $\pm$ 39.918 χ^2 /NDF: 4.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.631 $\pm$ 37.049 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

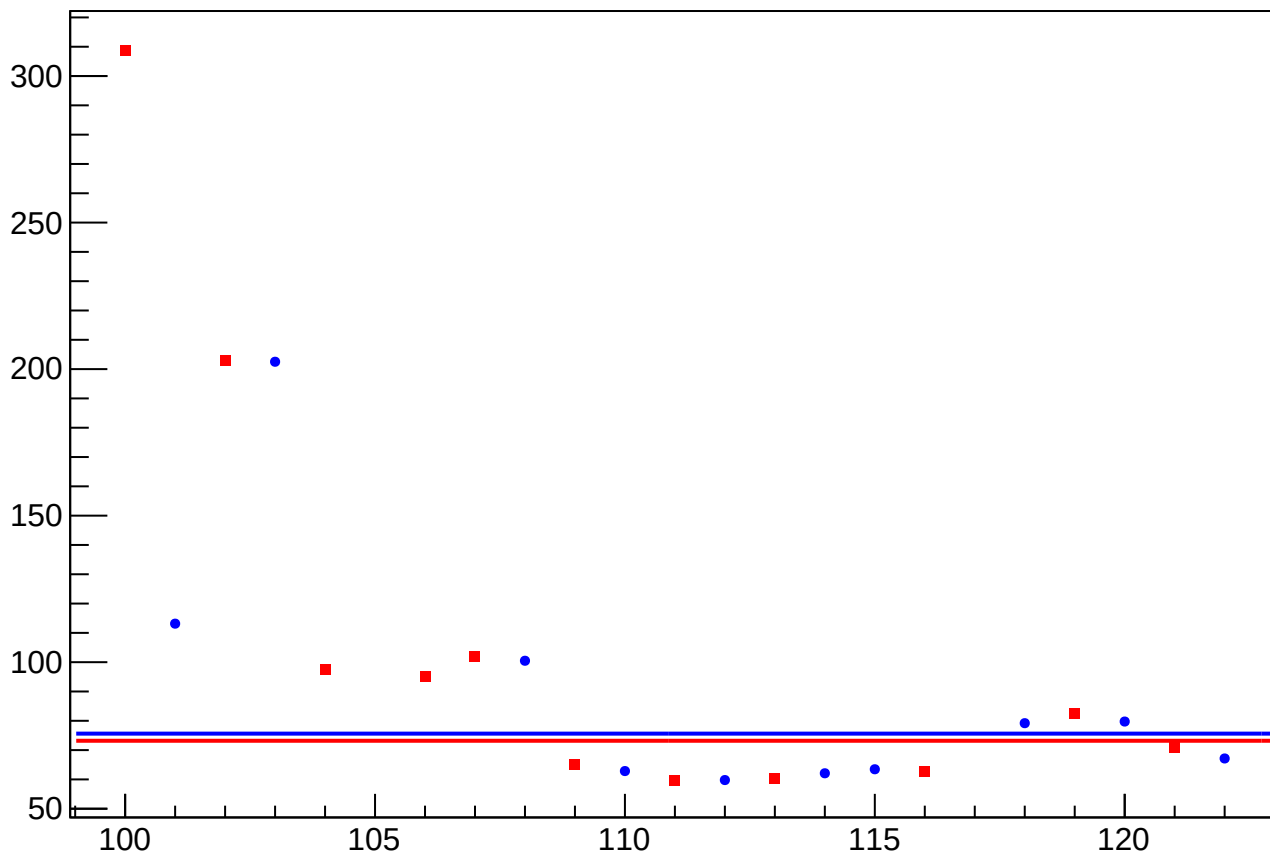
Right: 29.503 $\pm$ 27.155 χ^2 /NDF: 19.6/20

In: 17.745 $\pm$ 39.918 χ^2 /NDF:4.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.503 $\pm$ 27.155 χ^2 /NDF: 19.6/20

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: 73.188+/-0.026 χ^2/NDF : 841386.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

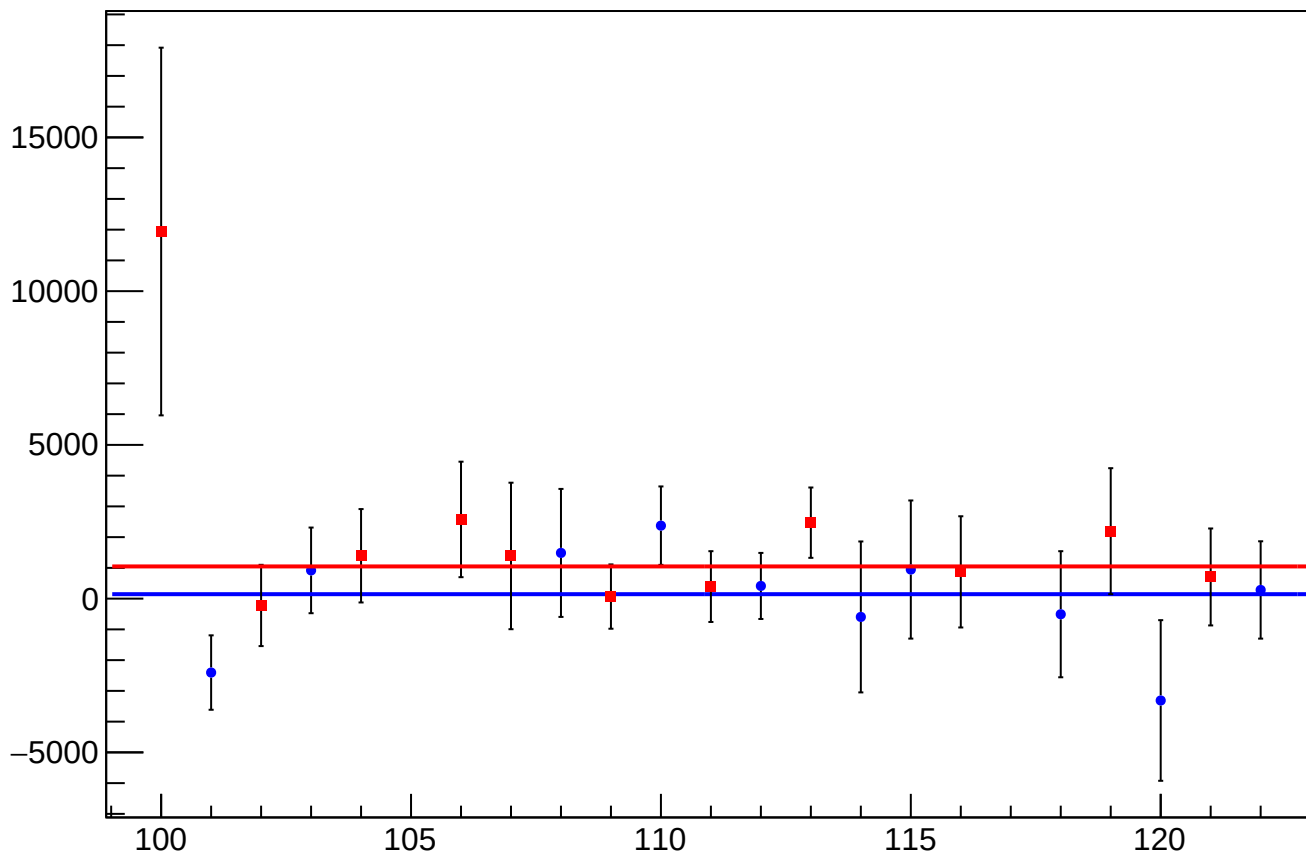
Right: 74.314+/-0.019 χ^2/NDF : 1607883.4/20

In: 75.622+/-0.028 χ^2/NDF : 762500.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.314+/-0.019 χ^2/NDF : 1607883.4/20

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: 1047.447+/-452.959 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

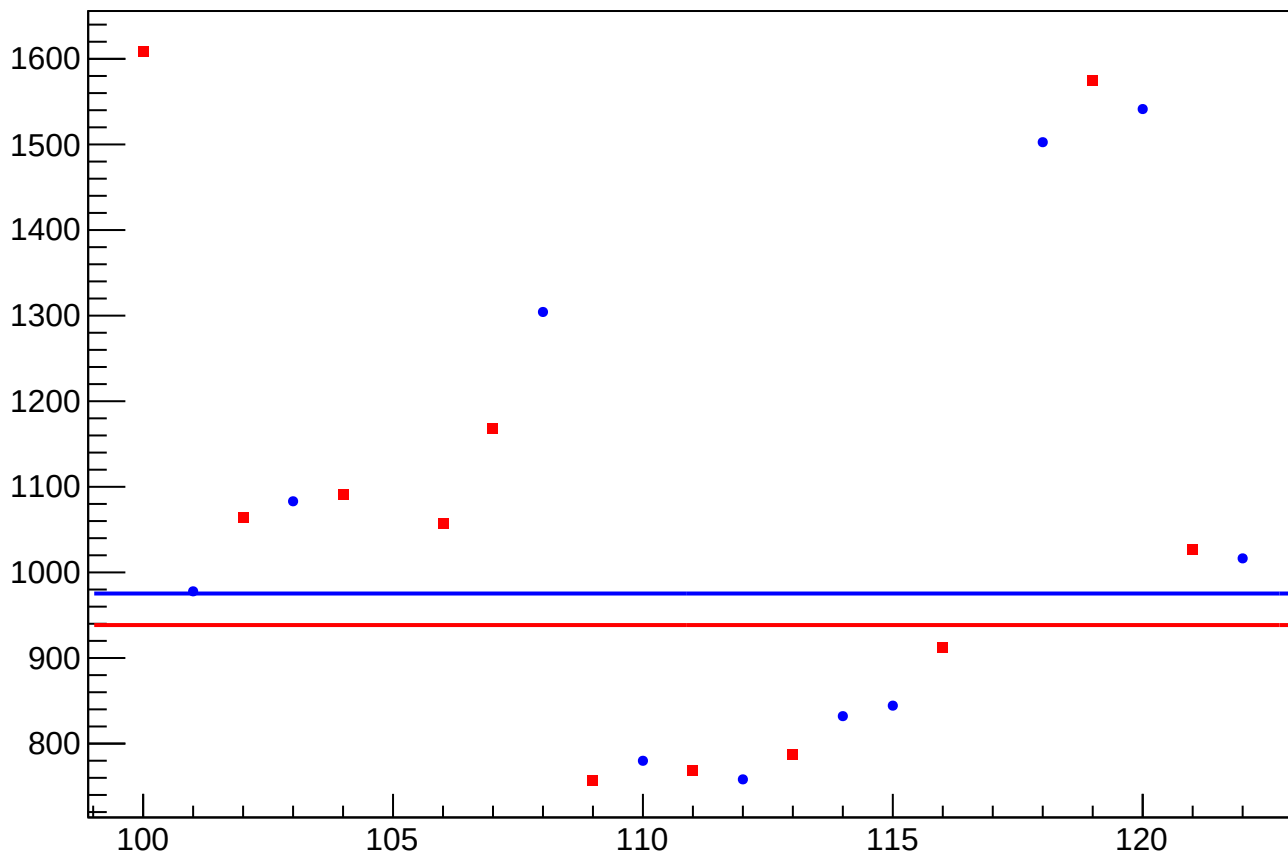
Right: 637.398+/-334.601 χ^2/NDF : 20.3/20

In: 144.894+/-496.416 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.398+/-334.601 χ^2/NDF : 20.3/20

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: 938.496+/-0.320 χ^2/NDF : 428169.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

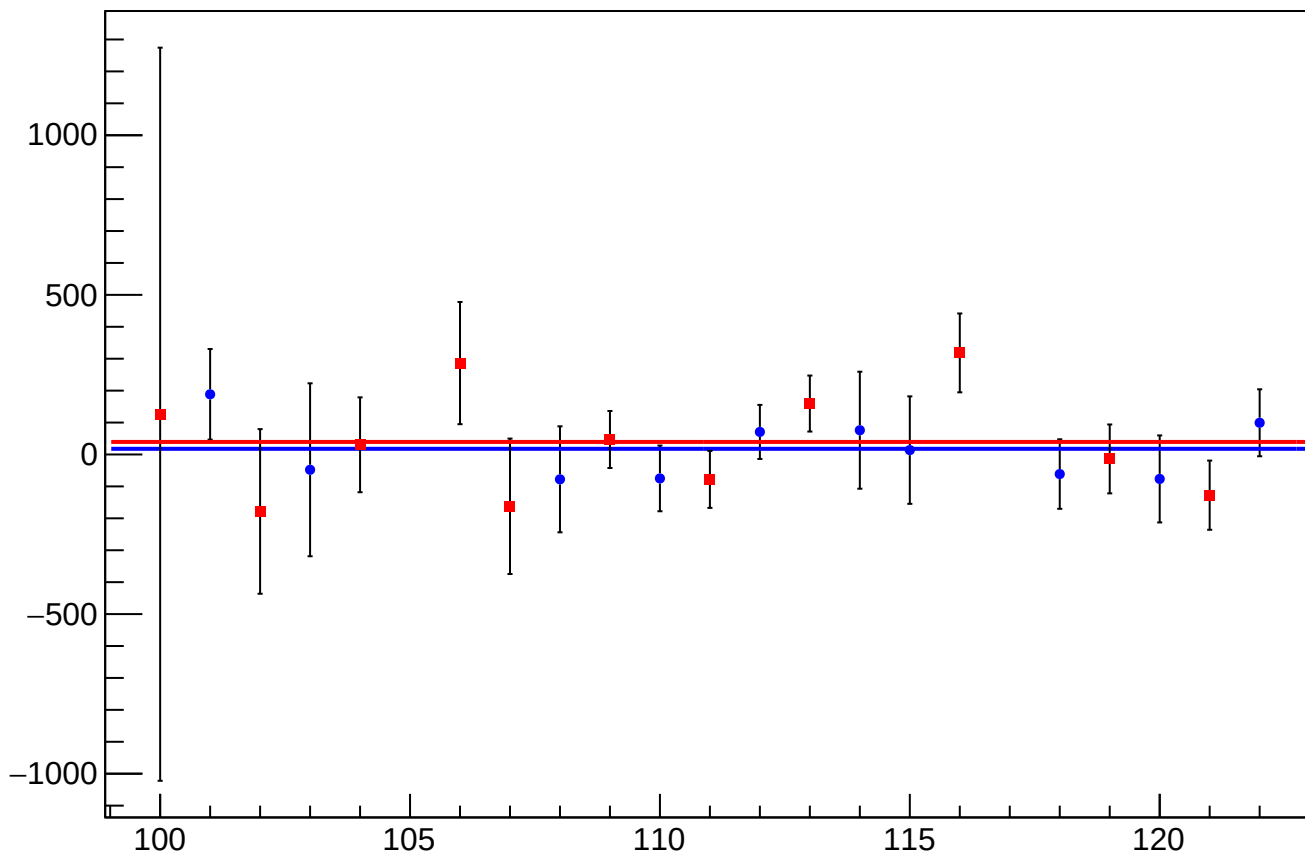
Right: 955.236+/-0.237 χ^2/NDF : 865913.4/20

In: 975.342+/-0.351 χ^2/NDF : 431731.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 955.236+/-0.237 χ^2/NDF : 865913.4/20

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: 39.289+/-37.055 χ^2/NDF : 14.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

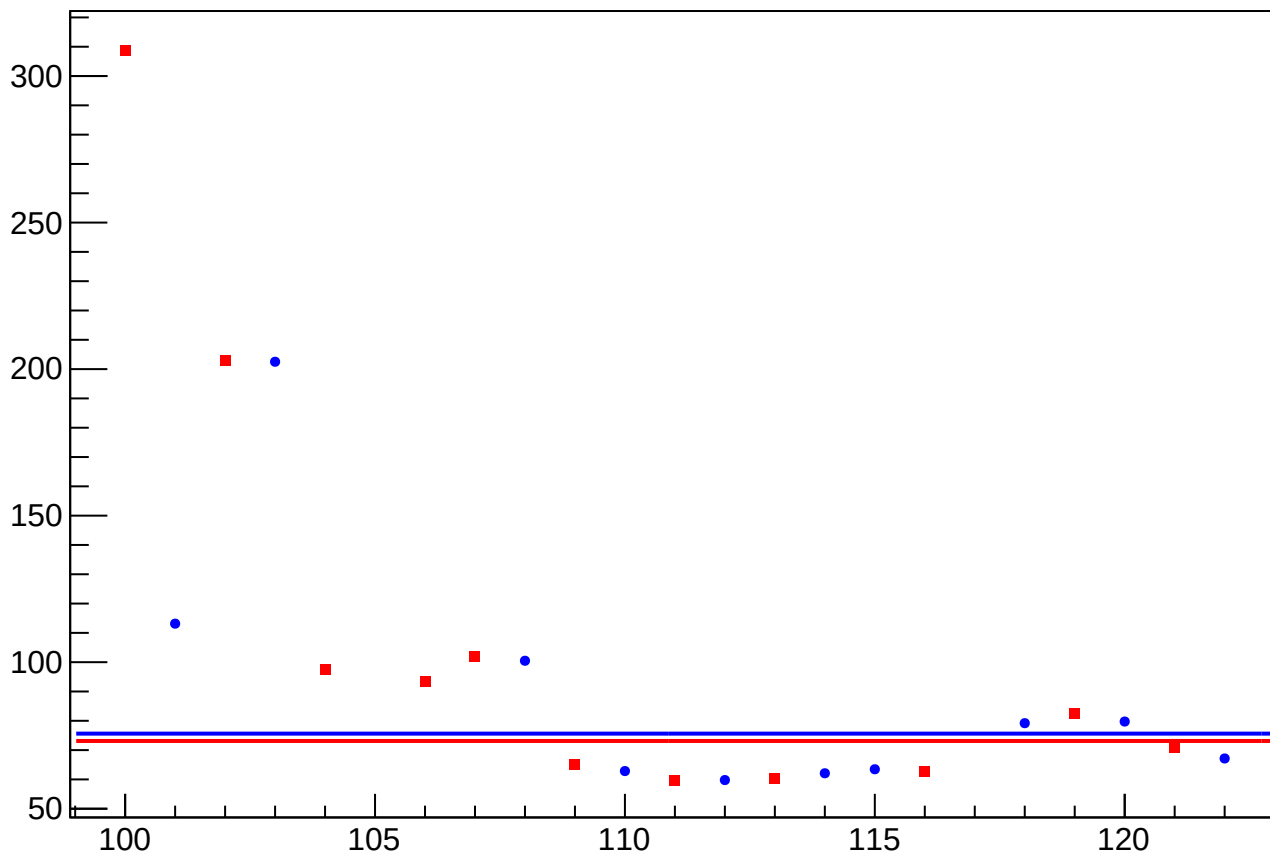
Right: 29.312+/-27.158 χ^2/NDF : 19.5/20

In: 17.734+/-39.918 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.312+/-27.158 χ^2/NDF : 19.5/20

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: 73.116+/-0.026 χ^2/NDF : 837468.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

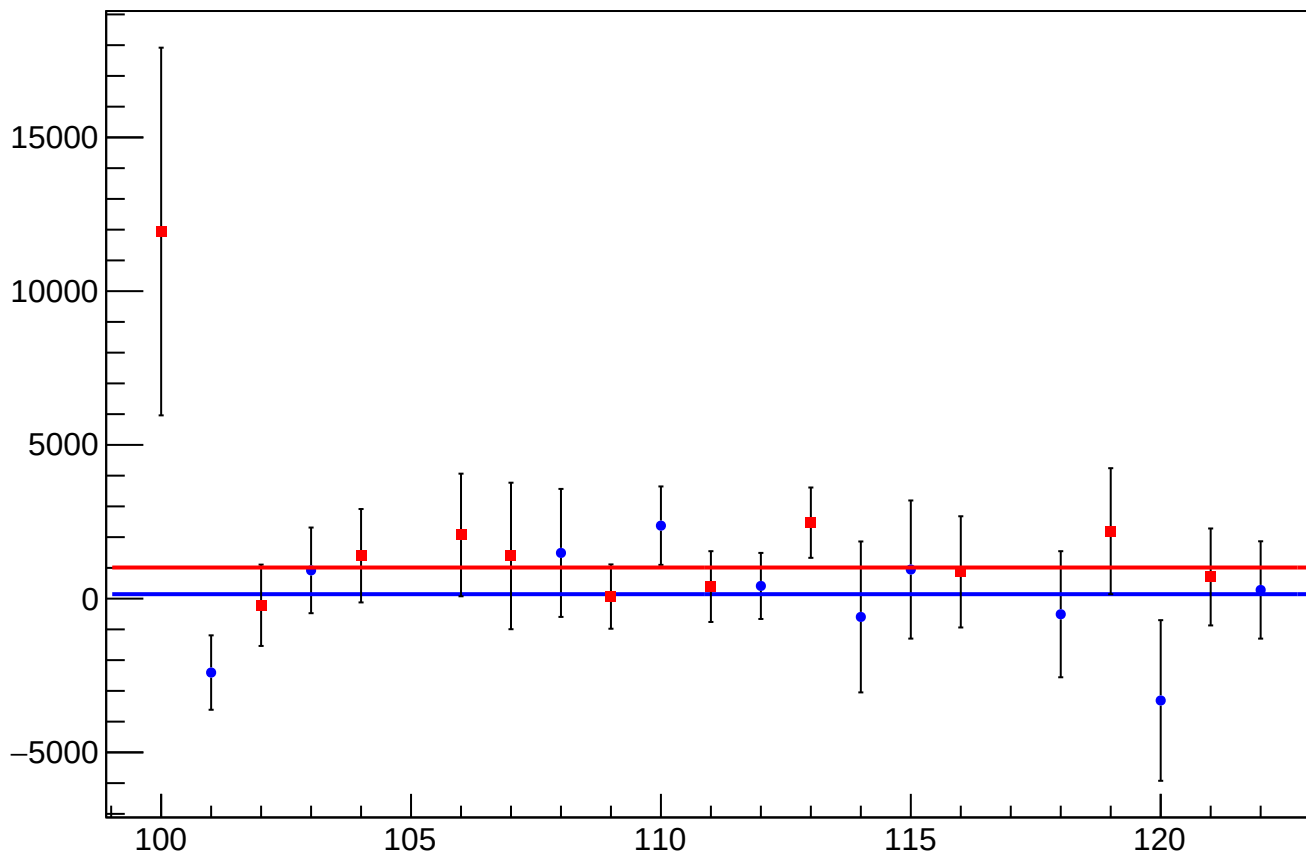
Right: 74.276+/-0.019 χ^2/NDF : 1604203.9/20

In: 75.622+/-0.028 χ^2/NDF :762502.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 74.276+/-0.019 χ^2/NDF : 1604203.9/20

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: 1012.123+/-454.499 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

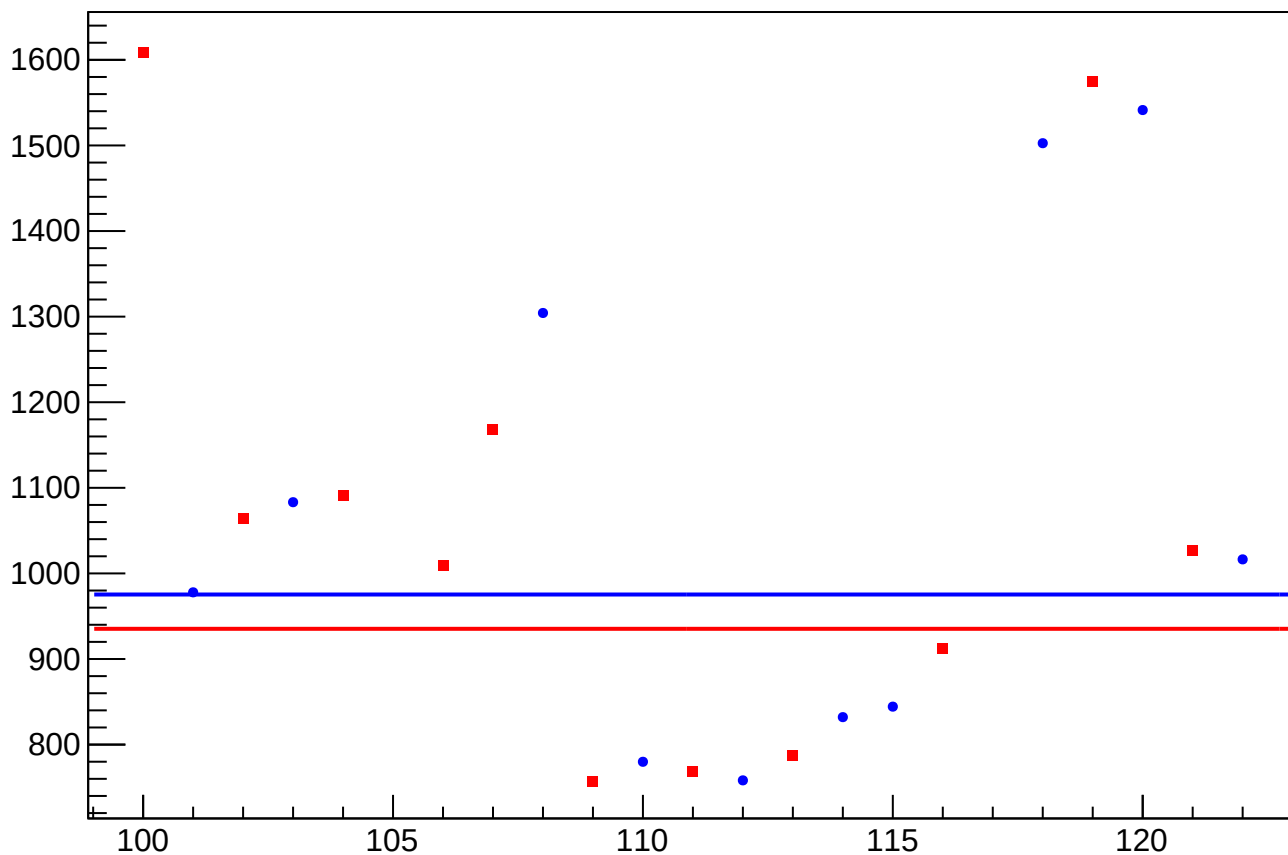
Right: 616.683+/-335.222 χ^2/NDF : 19.7/20

In: 144.927+/-496.422 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.683+/-335.222 χ^2/NDF : 19.7/20

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: 935.275+/-0.321 χ^2/NDF : 422766.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

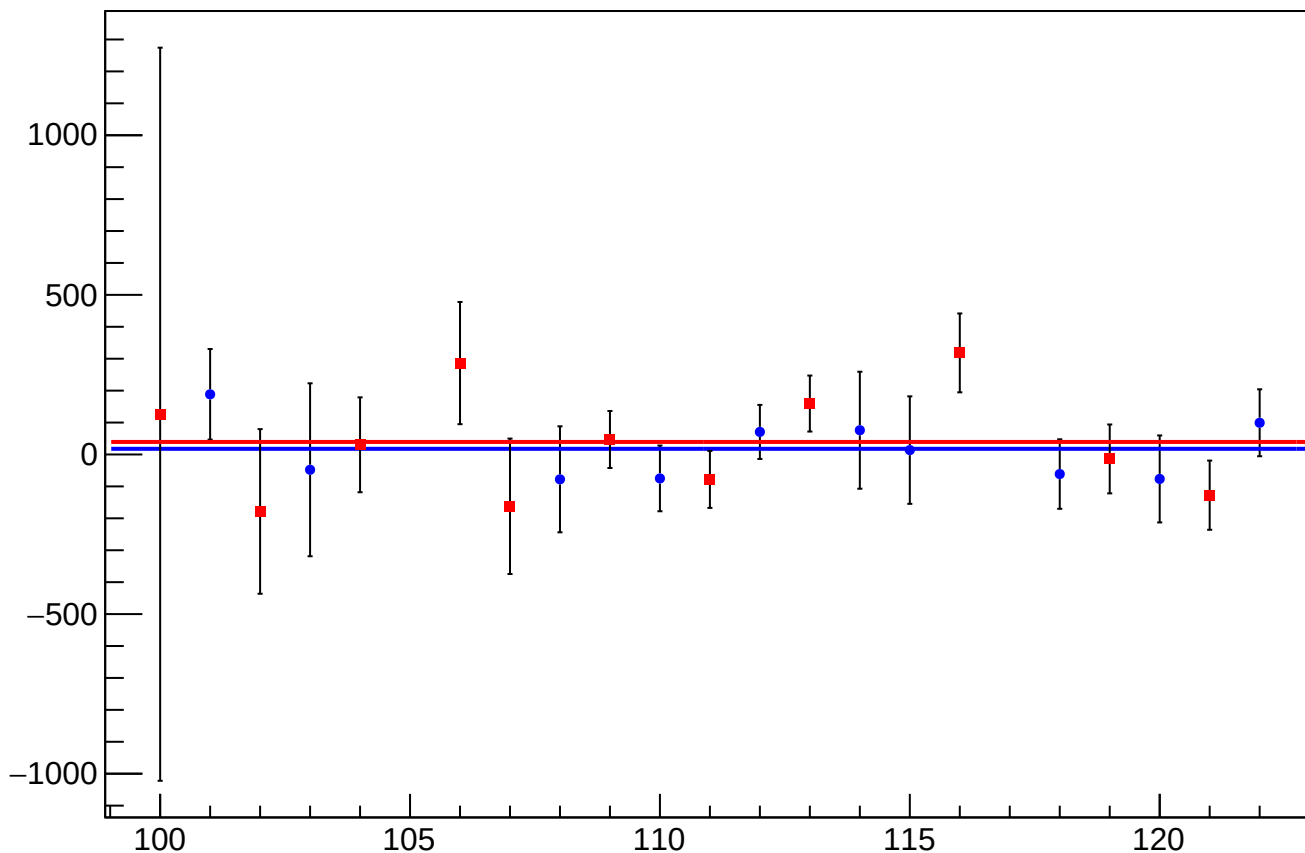
Right: 953.550+/-0.237 χ^2/NDF : 861612.8/20

In: 975.354+/-0.351 χ^2/NDF : 431754.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.550+/-0.237 χ^2/NDF : 861612.8/20

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: 39.289+/-37.055 χ^2/NDF : 14.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

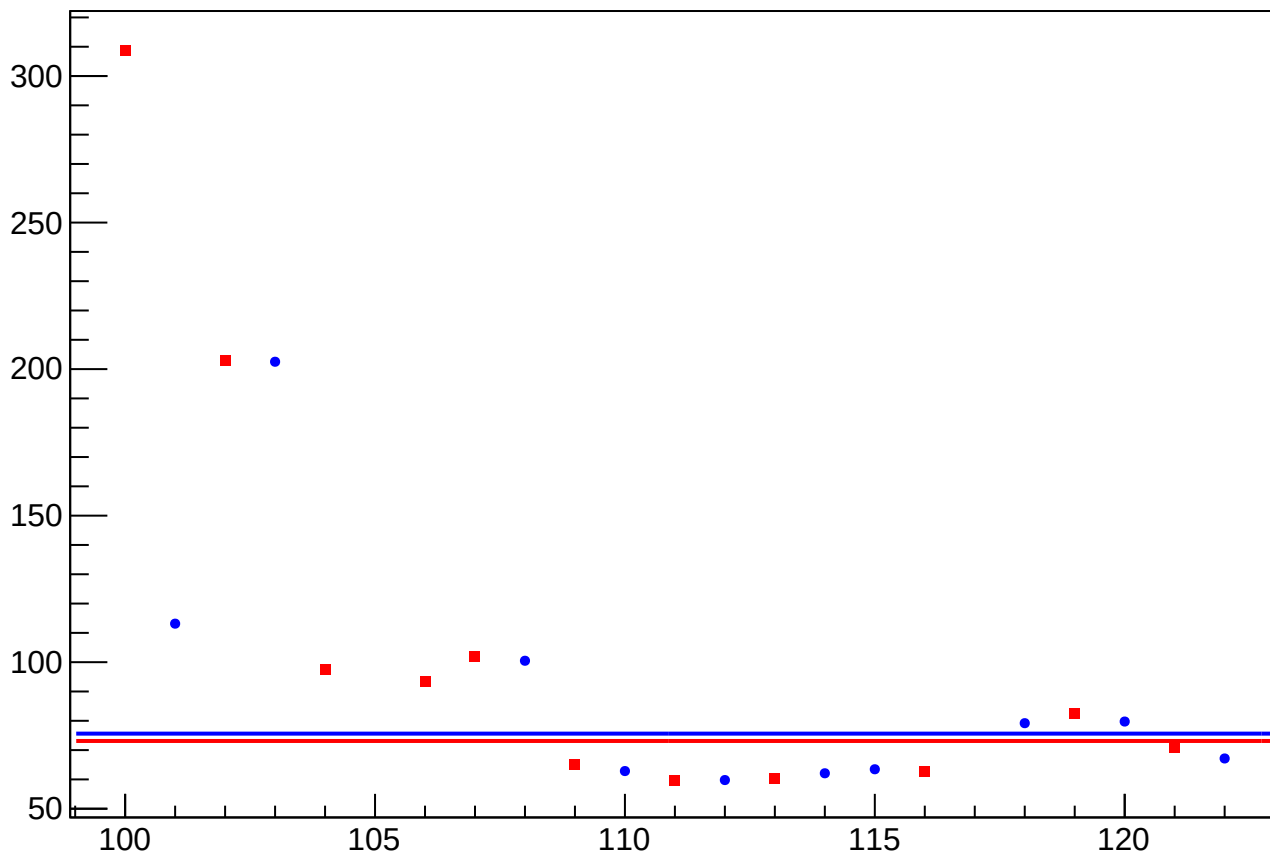
Right: 29.312+/-27.158 χ^2/NDF : 19.5/20

In: 17.734+/-39.918 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.312+/-27.158 χ^2/NDF : 19.5/20

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: 73.116+/-0.026 χ^2/NDF : 837468.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

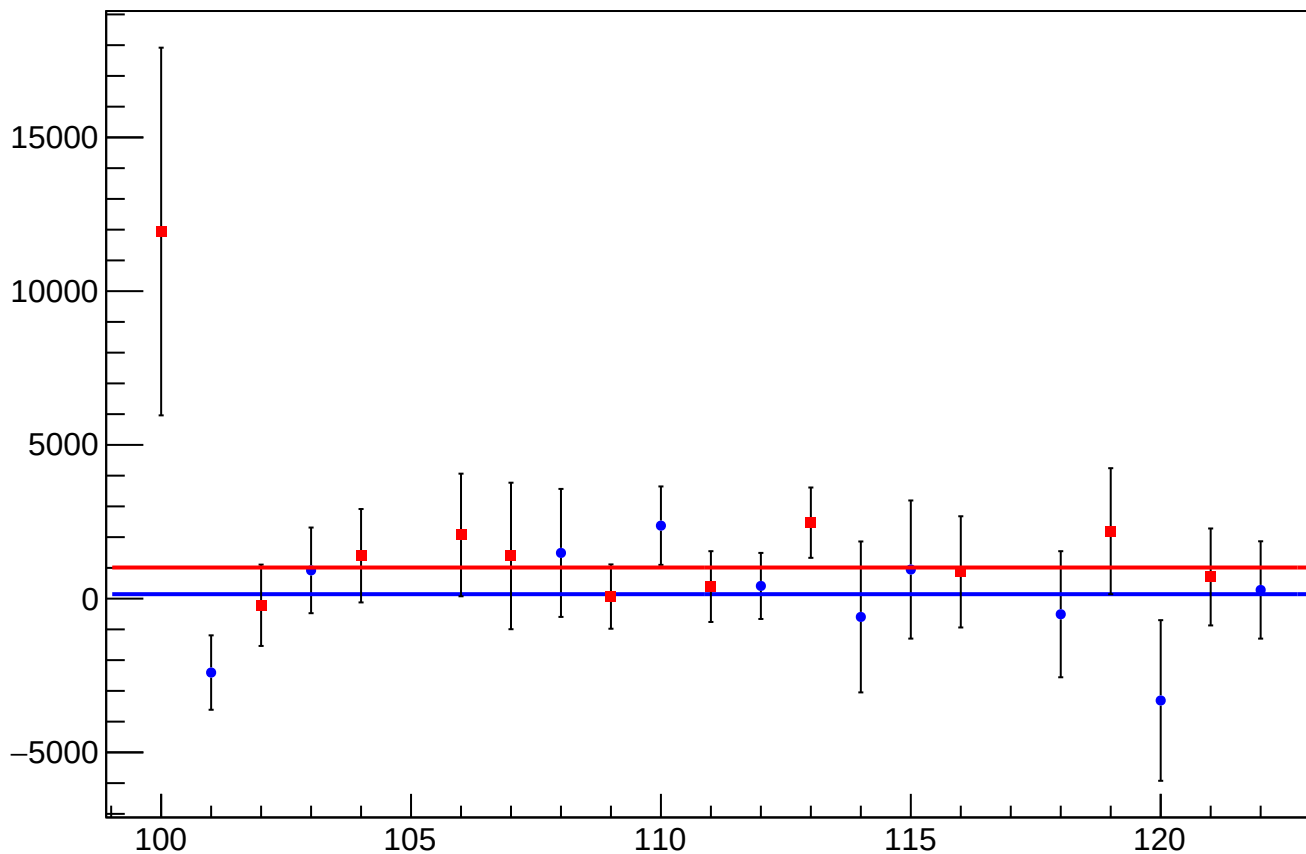
Right: 74.276+/-0.019 χ^2/NDF : 1604203.9/20

In: 75.622+/-0.028 χ^2/NDF : 762502.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.276+/-0.019 χ^2/NDF : 1604203.9/20

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: 1012.123+/-454.499 χ^2/NDF : 7.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

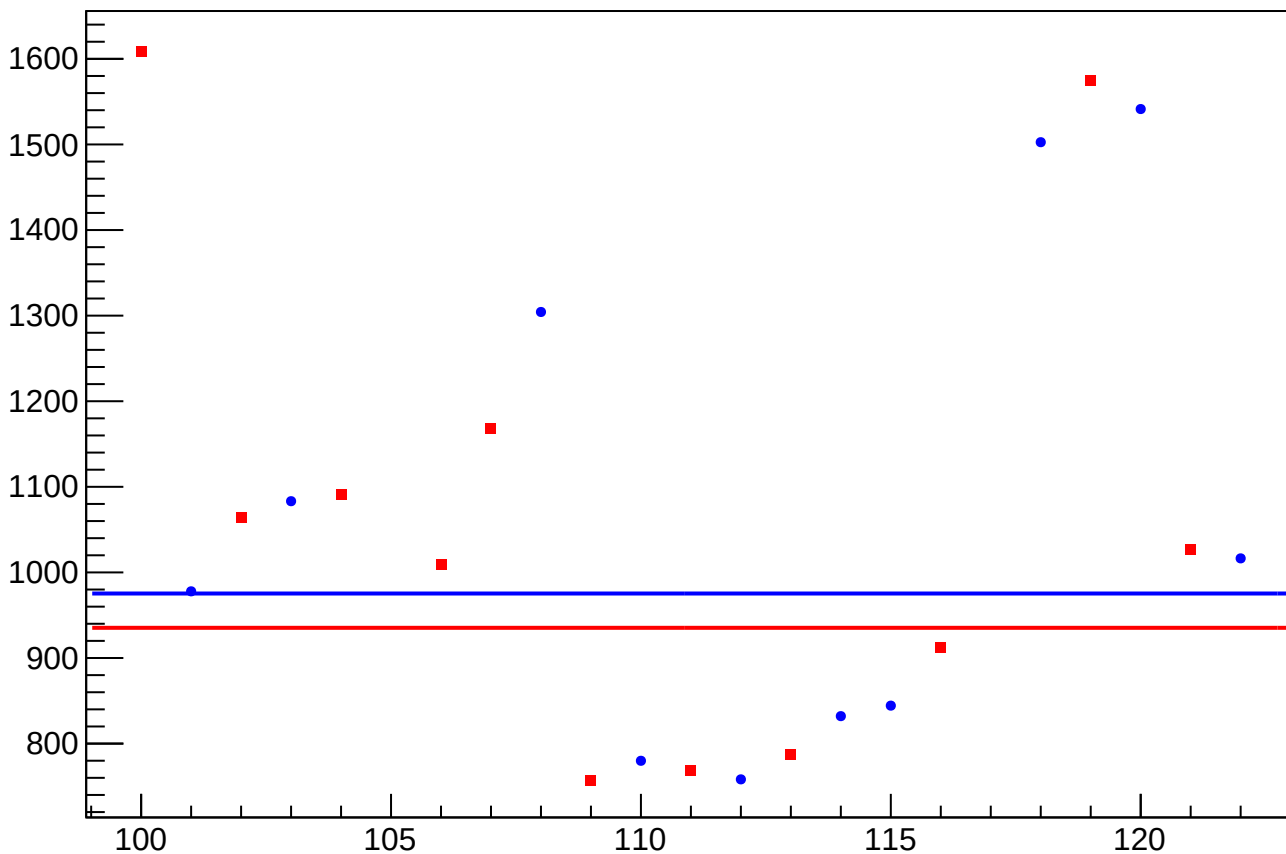
Right: 616.683+/-335.222 χ^2/NDF : 19.7/20

In: 144.927+/-496.422 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.683+/-335.222 χ^2/NDF : 19.7/20

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: 935.275+/-0.321 χ^2/NDF : 422766.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

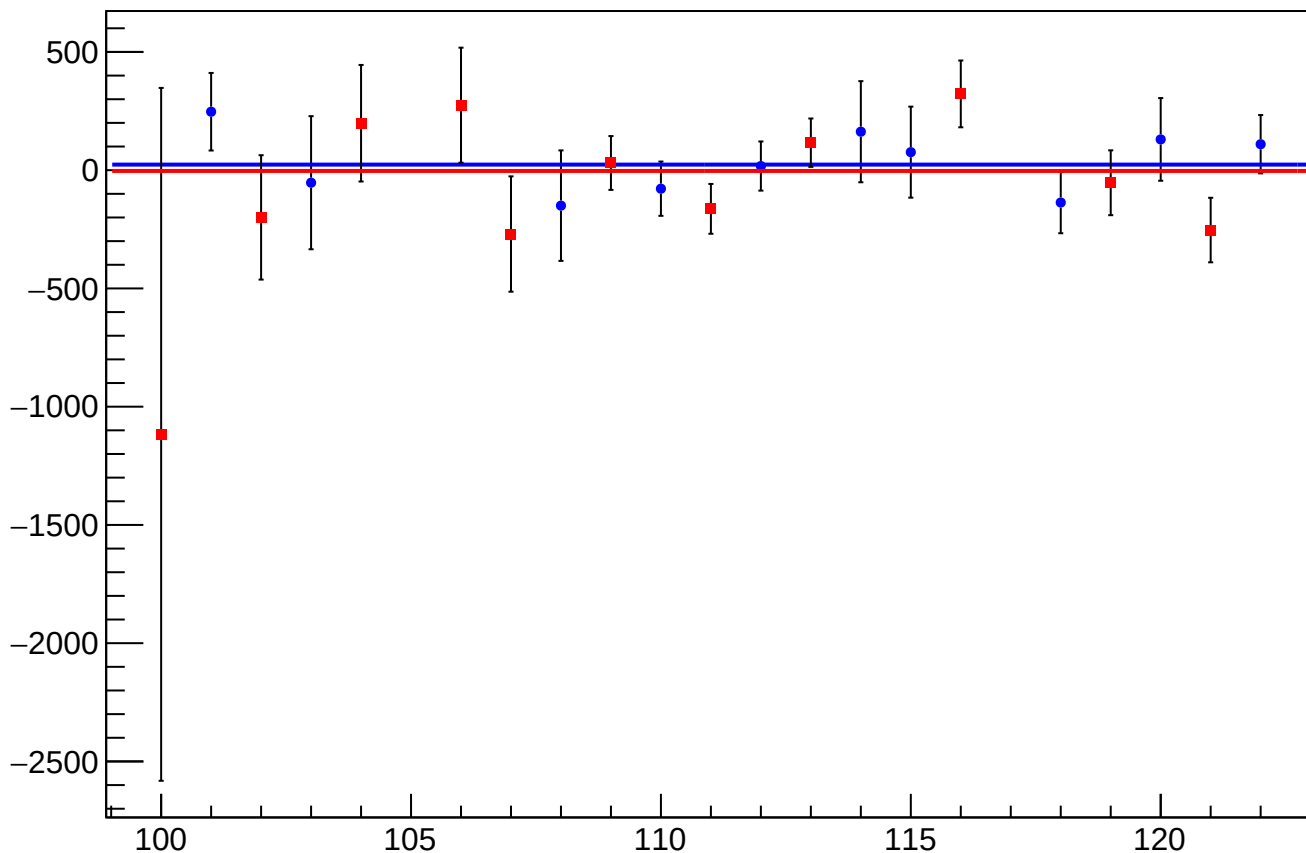
Right: 953.550+/-0.237 χ^2/NDF : 861612.8/20

In: 975.354+/-0.351 χ^2/NDF : 431754.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.550+/-0.237 χ^2/NDF : 861612.8/20

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: -3.217+/-45.401 χ^2/NDF : 16.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

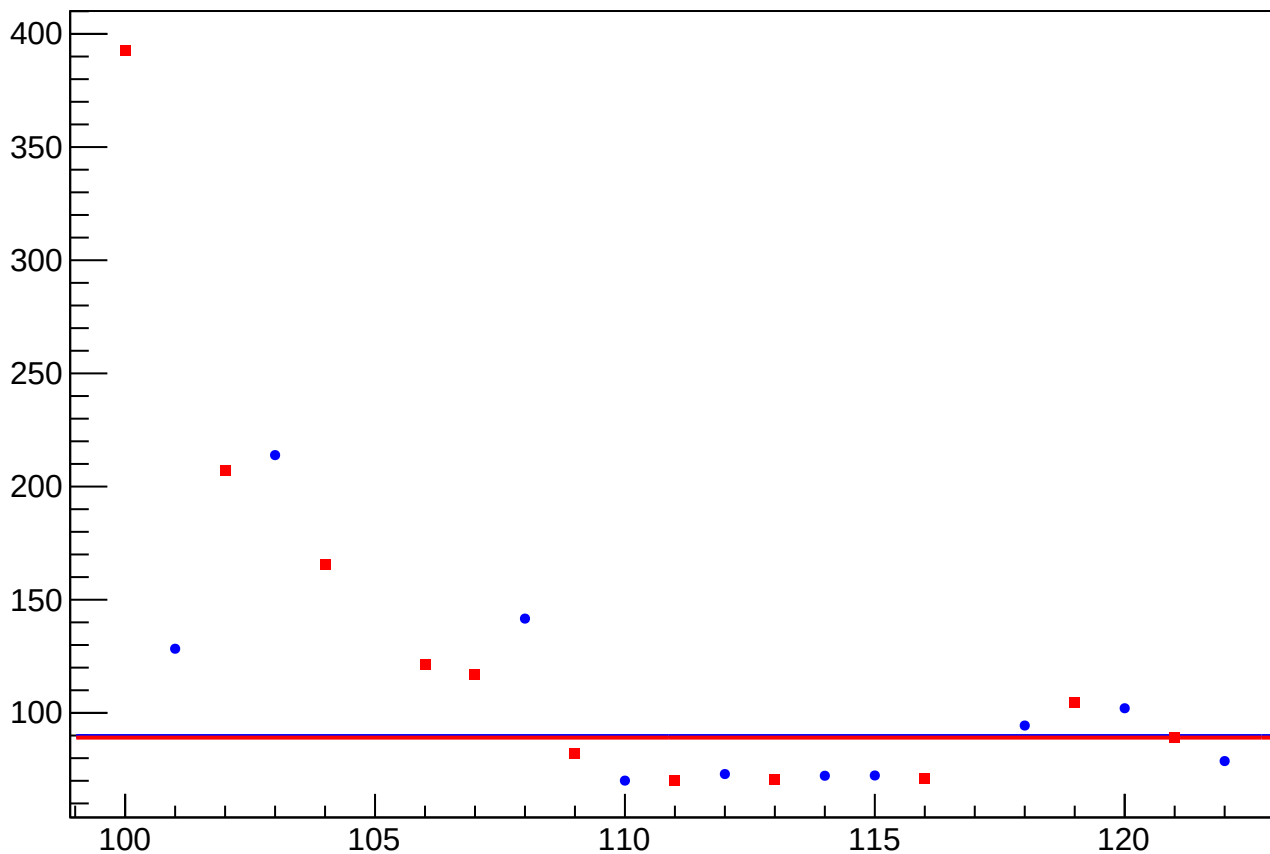
Right: 9.582+/-32.817 χ^2/NDF : 23.2/20

In: 23.586+/-47.490 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.582+/-32.817 χ^2/NDF : 23.2/20

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: 89.083+/-0.032 χ^2/NDF : 941008.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

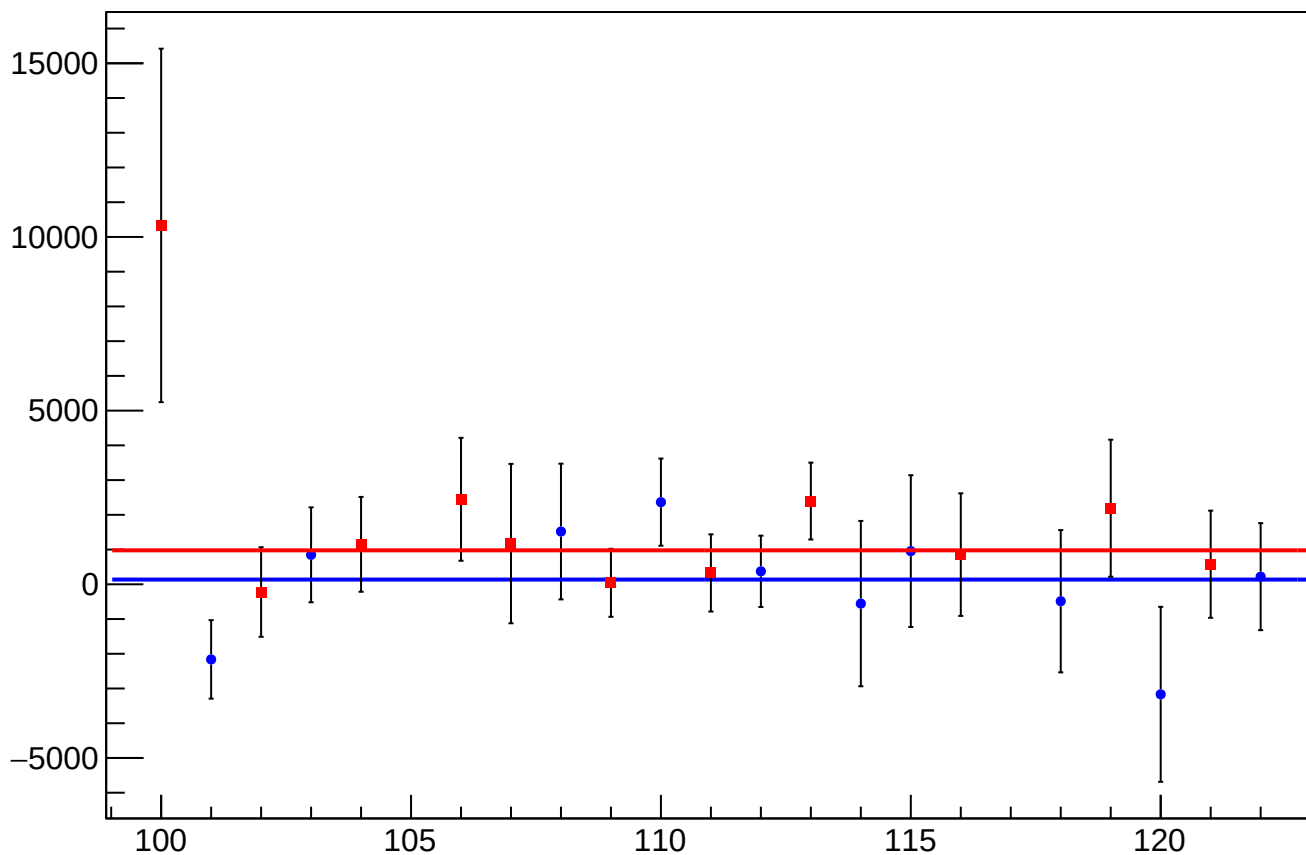
Right: 89.410+/-0.023 χ^2/NDF : 1709233.7/20

In: 89.767+/-0.034 χ^2/NDF : 768008.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.410+/-0.023 χ^2/NDF : 1709233.7/20

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 136.254+/-478.483 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.331+/-432.151 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

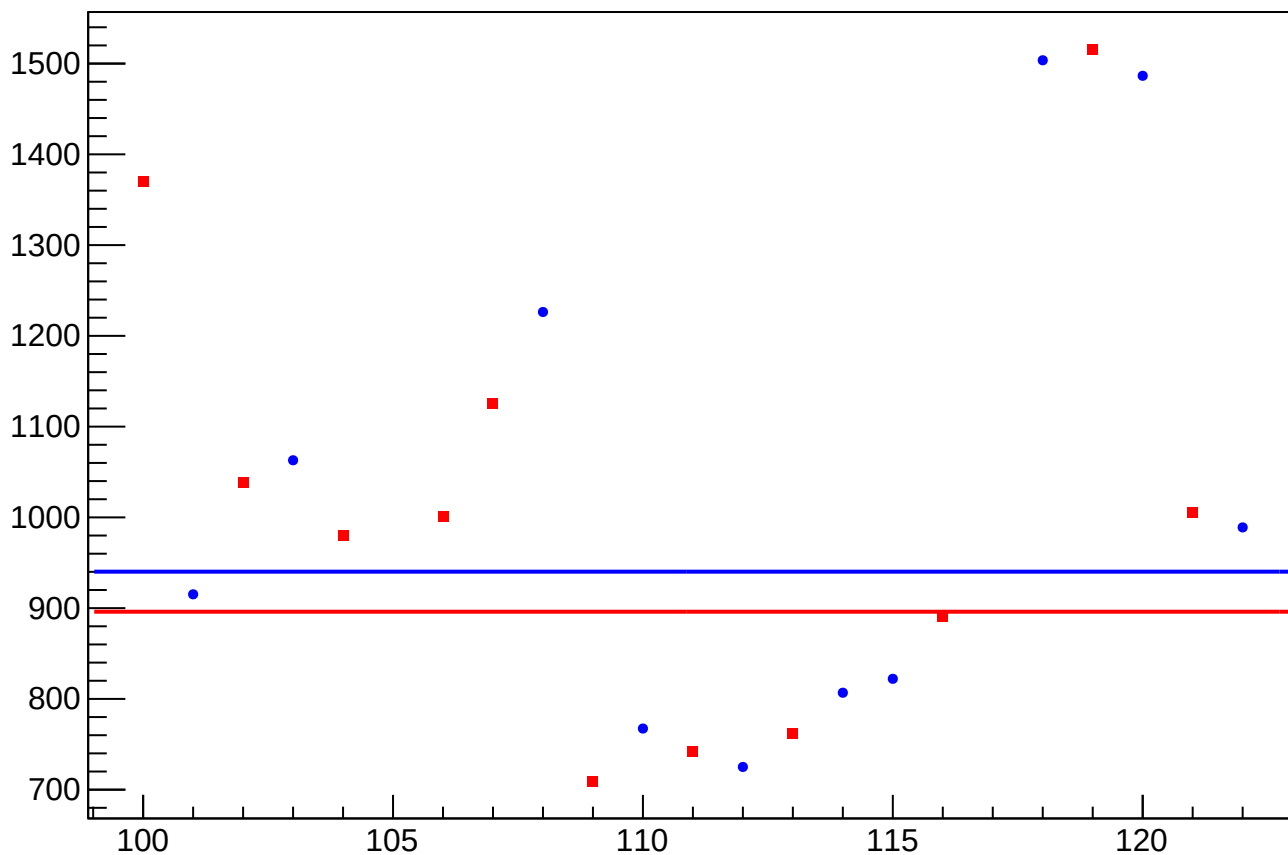
Right: 599.475+/-320.709 χ^2/NDF : 20.2/20

In: 136.254+/-478.483 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.475+/-320.709 χ^2/NDF : 20.2/20

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: 896.066+/-0.306 χ^2/NDF : 424112.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

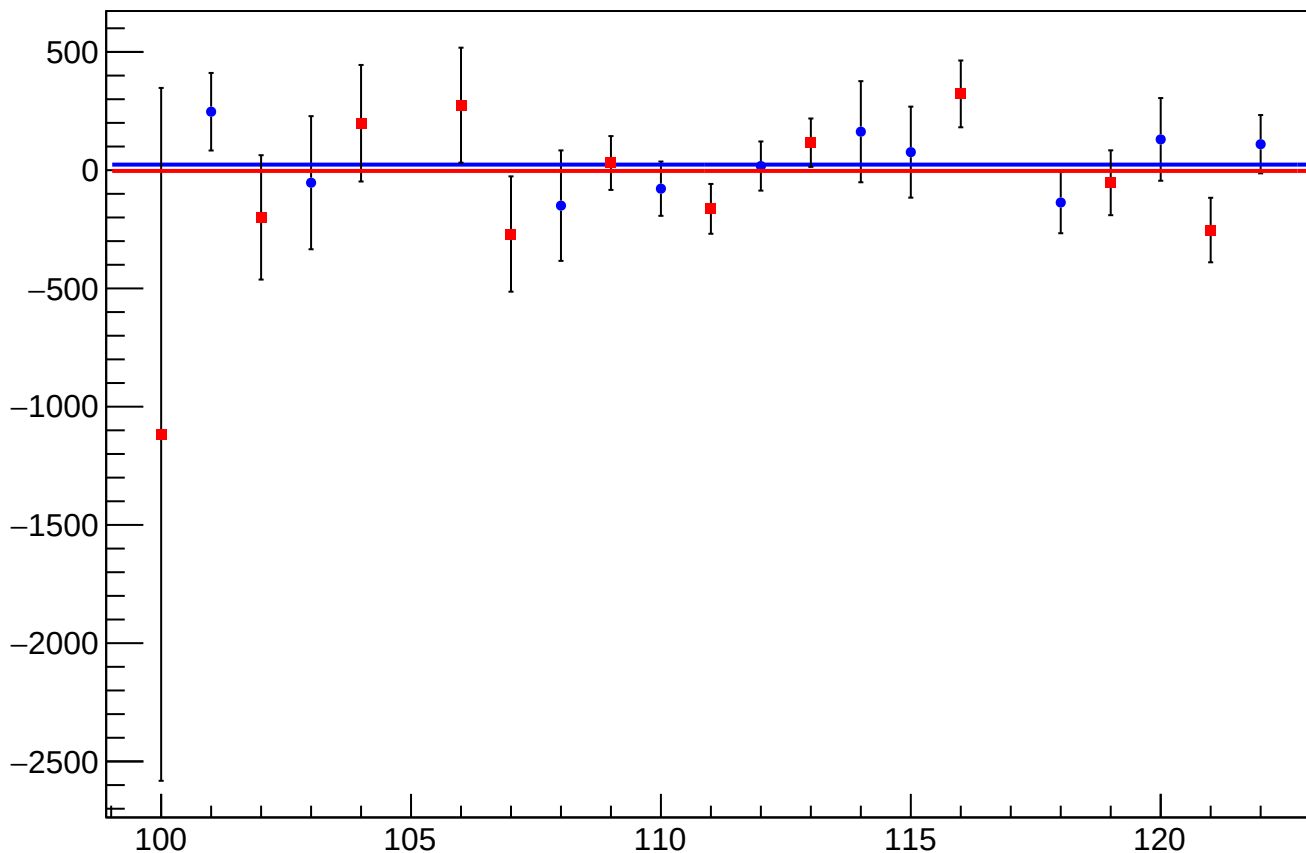
Right: 915.892+/-0.227 χ^2/NDF : 878798.3/20

In: 940.198+/-0.338 χ^2/NDF : 445315.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.892+/-0.227 χ^2/NDF : 878798.3/20

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: -3.219+/-45.401 χ^2/NDF : 16.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

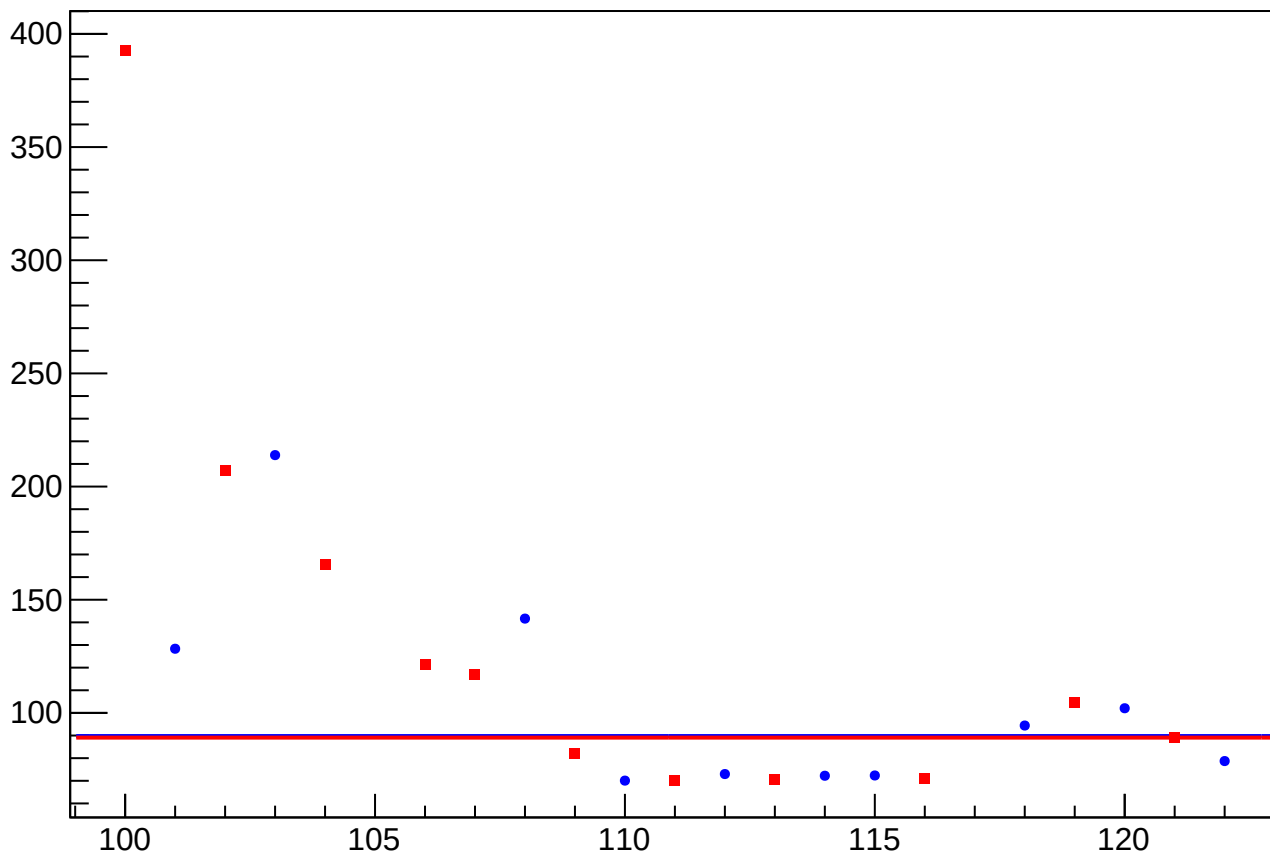
Right: 9.580+/-32.817 χ^2/NDF : 23.2/20

In: 23.584+/-47.490 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.580+/-32.817 χ^2/NDF : 23.2/20

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: 89.084+/-0.032 χ^2/NDF : 940999.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

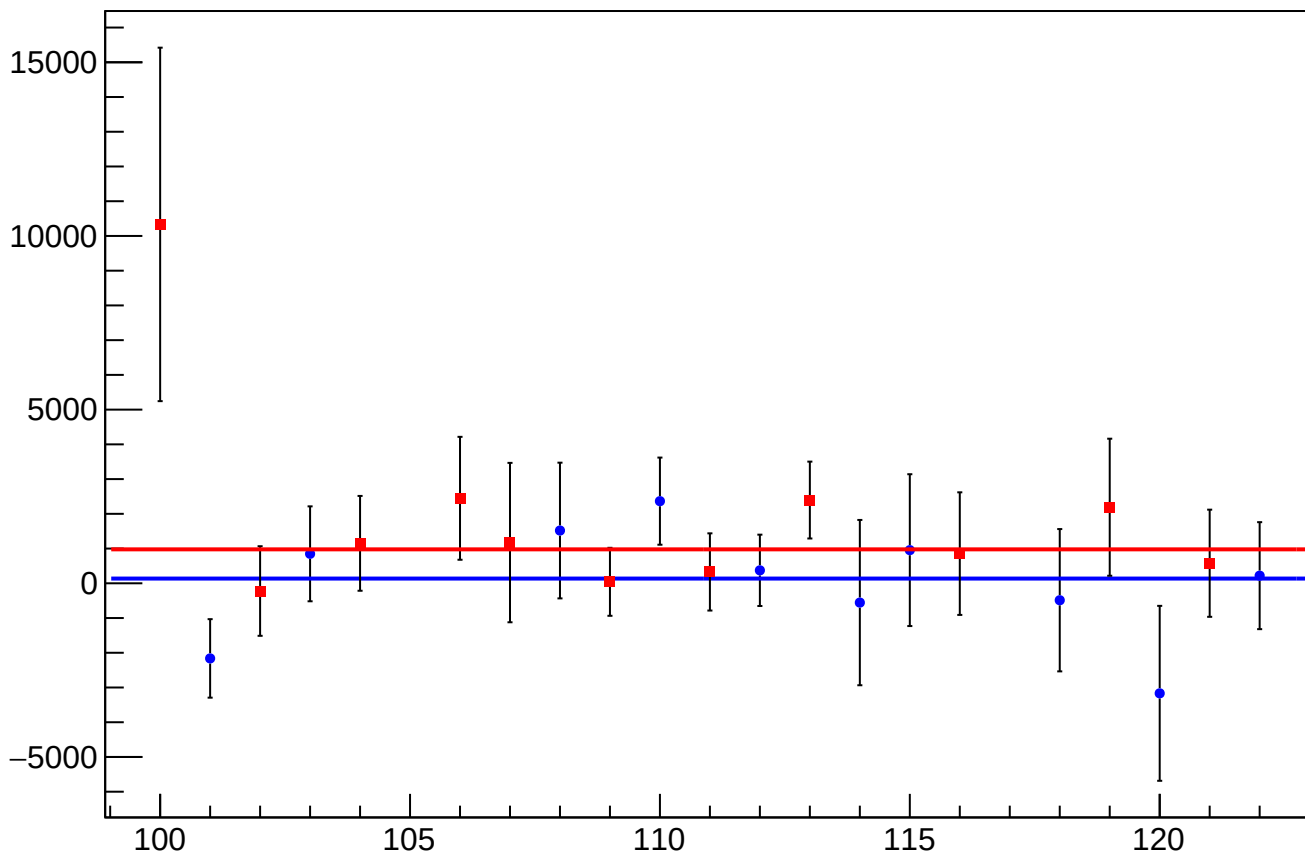
Right: 89.410+/-0.023 χ^2/NDF : 1709212.0/20

In: 89.768+/-0.034 χ^2/NDF : 767996.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.410+/-0.023 χ^2/NDF : 1709212.0/20

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: 977.328+/-432.150 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

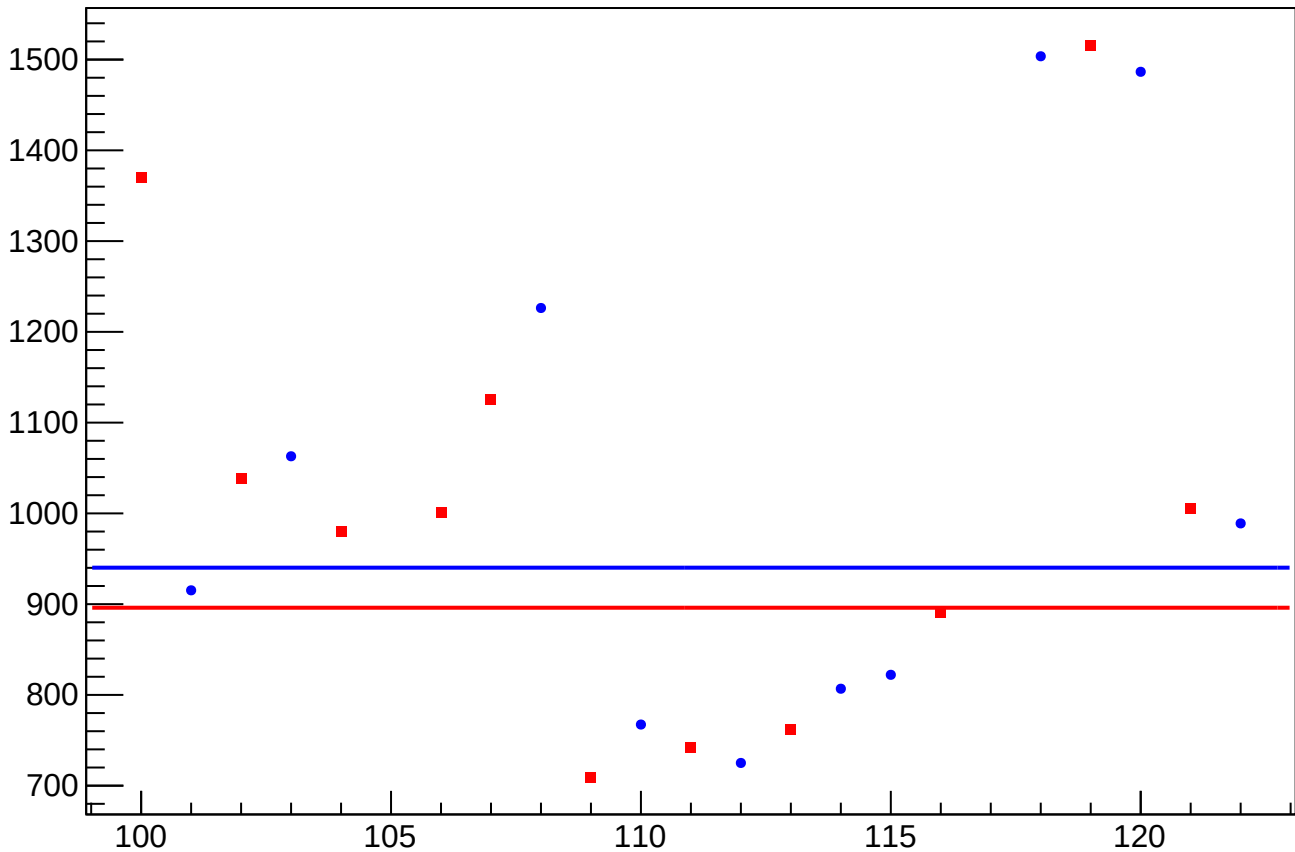
Right: 599.473+/-320.709 χ^2/NDF : 20.2/20

In: 136.254+/-478.482 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.473+/-320.709 χ^2/NDF : 20.2/20

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: 896.064+/-0.306 χ^2/NDF : 424113.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

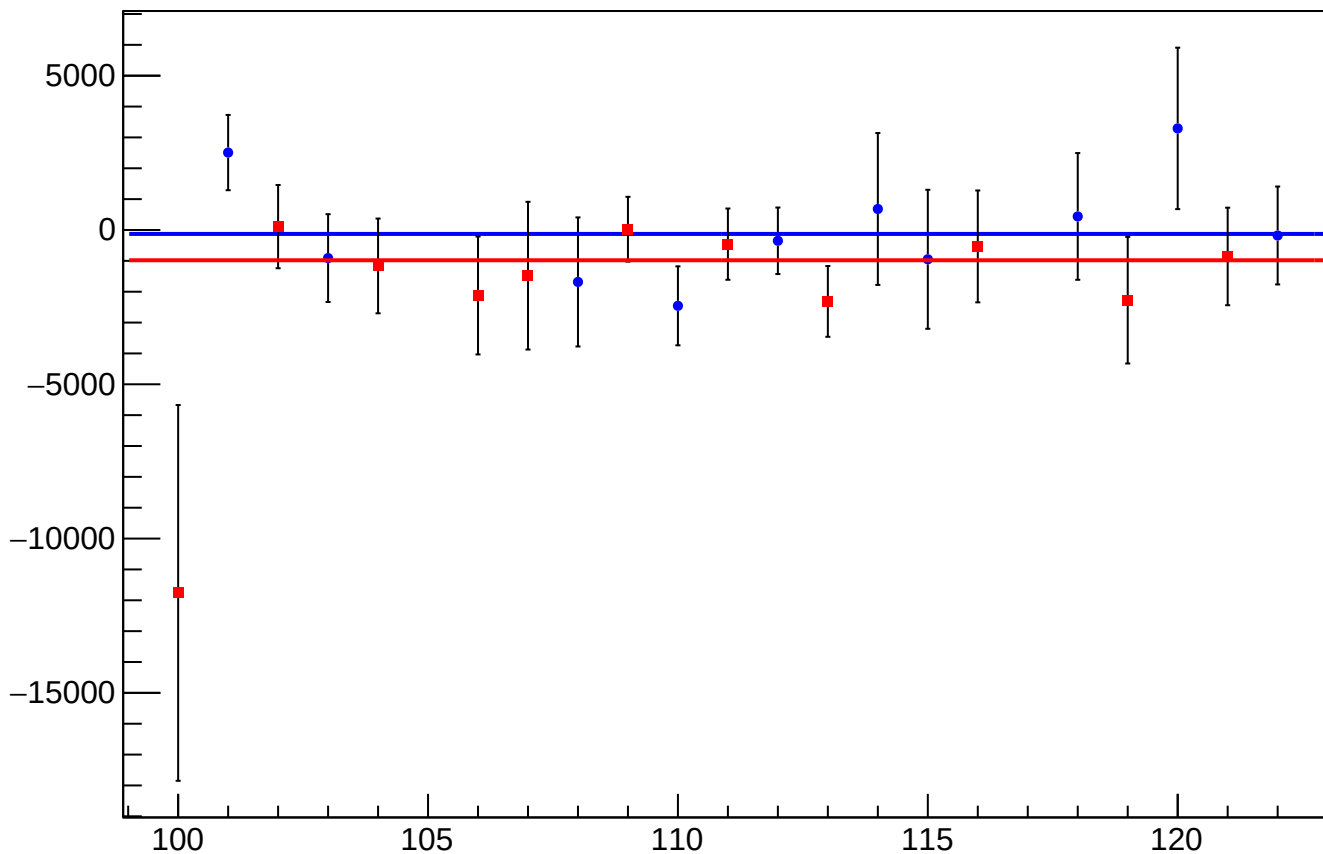
Right: 915.890+/-0.227 χ^2/NDF : 878801.6/20

In: 940.195+/-0.338 χ^2/NDF : 445318.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.890+/-0.227 χ^2/NDF : 878801.6/20

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: -980.814+/-456.000 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

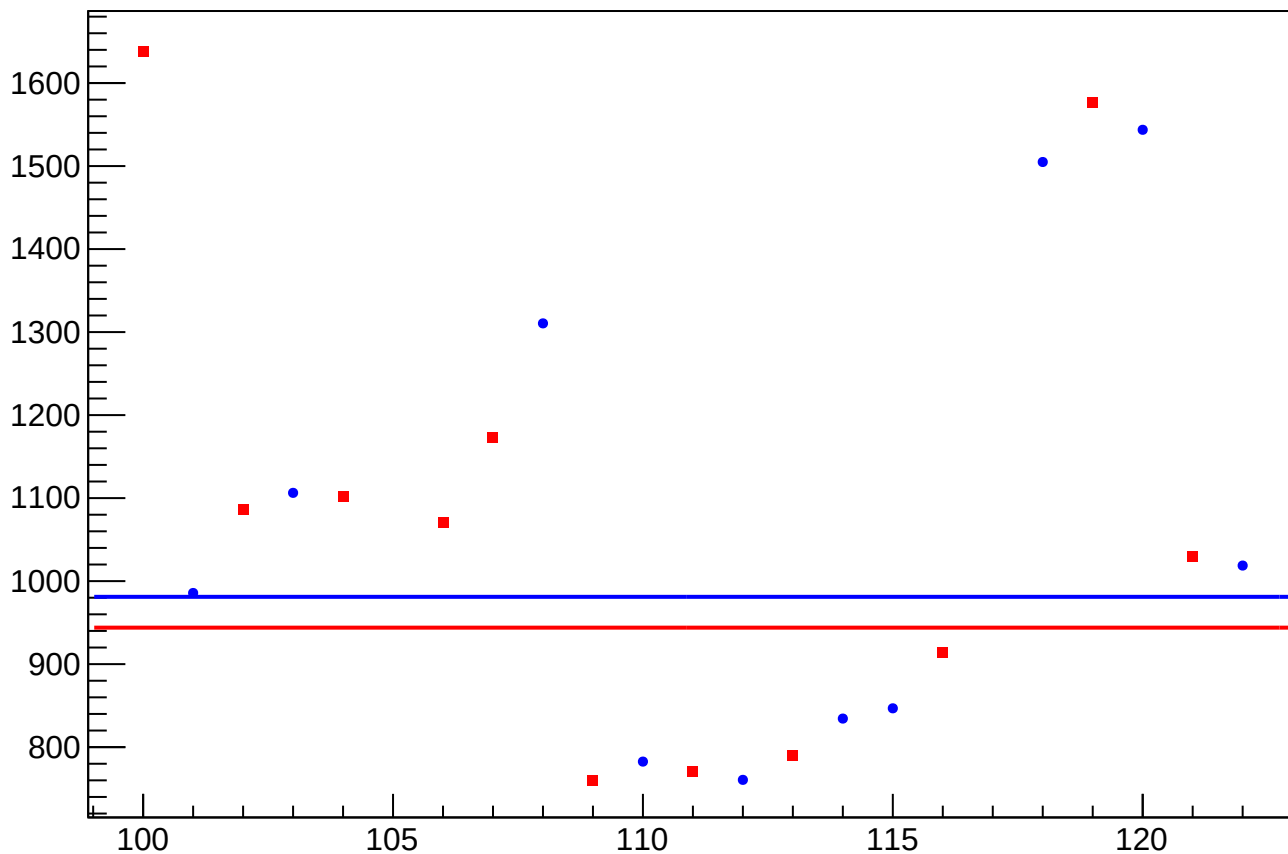
Right: -592.781+/-336.754 χ^2/NDF : 19.6/20

In: -127.289+/-499.444 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -592.781+/-336.754 χ^2/NDF : 19.6/20

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: 943.956+/-0.322 χ^2/NDF : 435933.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

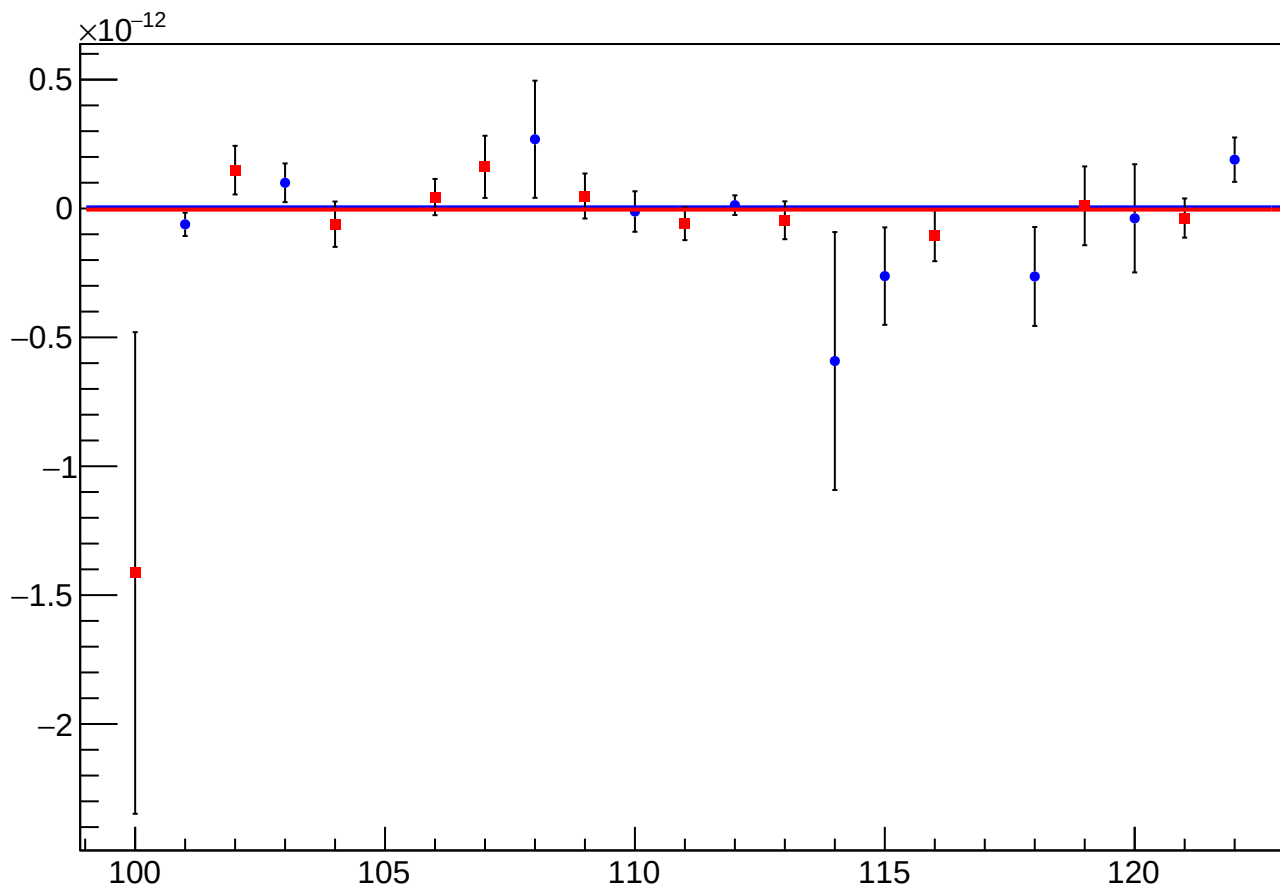
Right: 960.832+/-0.238 χ^2/NDF : 876941.0/20

In: 981.077+/-0.353 χ^2/NDF : 434982.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.832+/-0.238 χ^2/NDF : 876941.0/20

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 : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

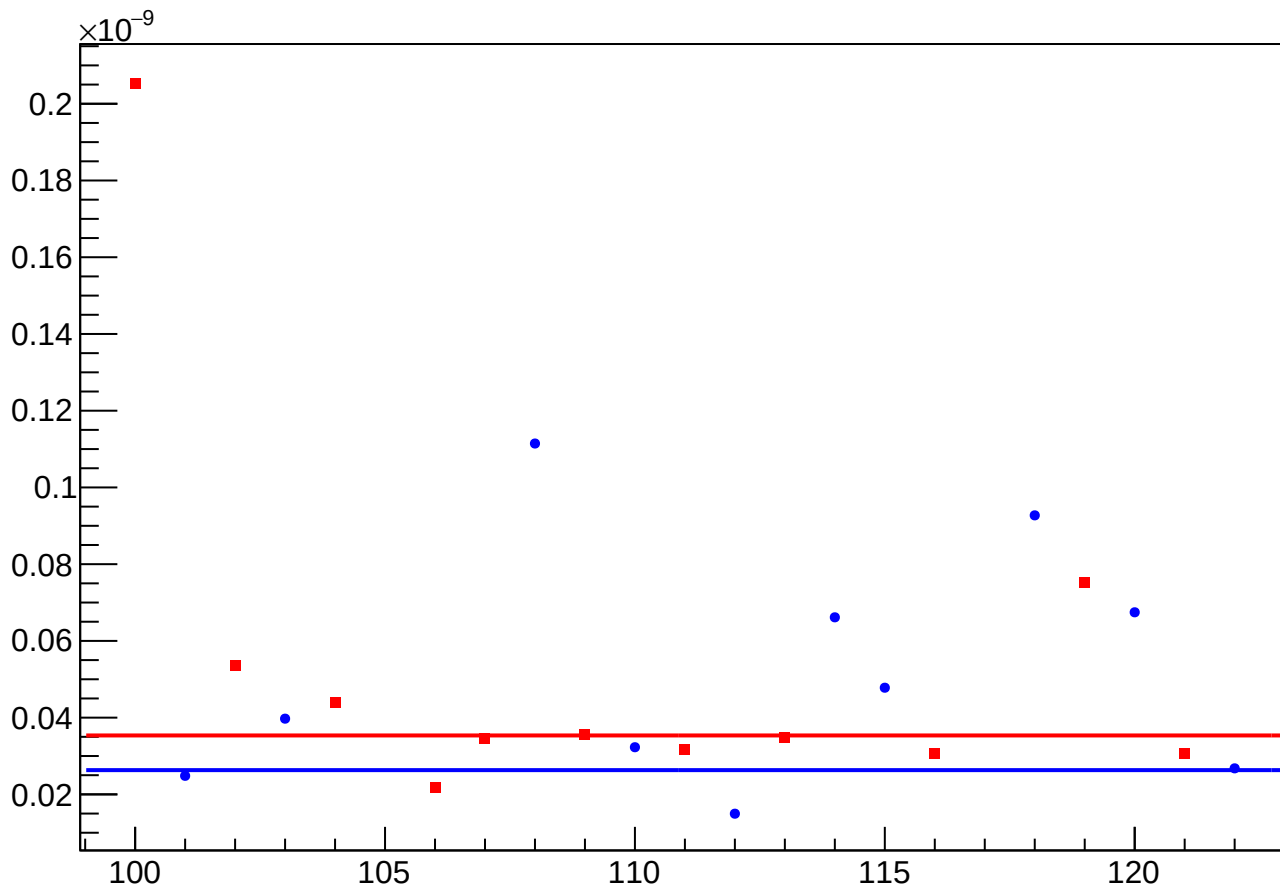
Right: 0.000+/-0.000 χ^2/NDF : 25.6/20

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 : 25.6/20

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 : 389461.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

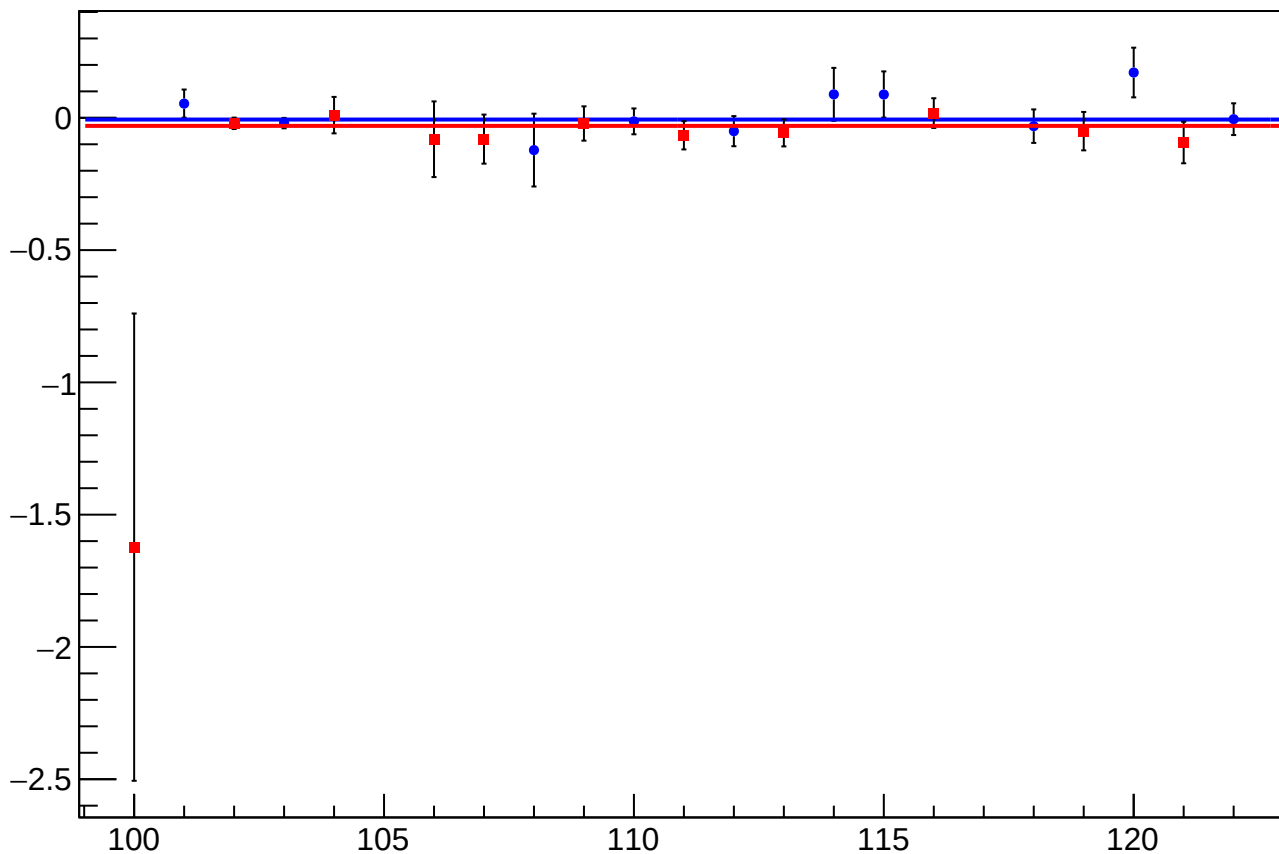
Right: 0.000+/-0.000 χ^2/NDF : 1407004.0/20

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 : 1407004.0/20

asym_sam_37_avg_dit_vs_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: -0.030 $\pm$ 0.015 χ^2 /NDF: 6.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

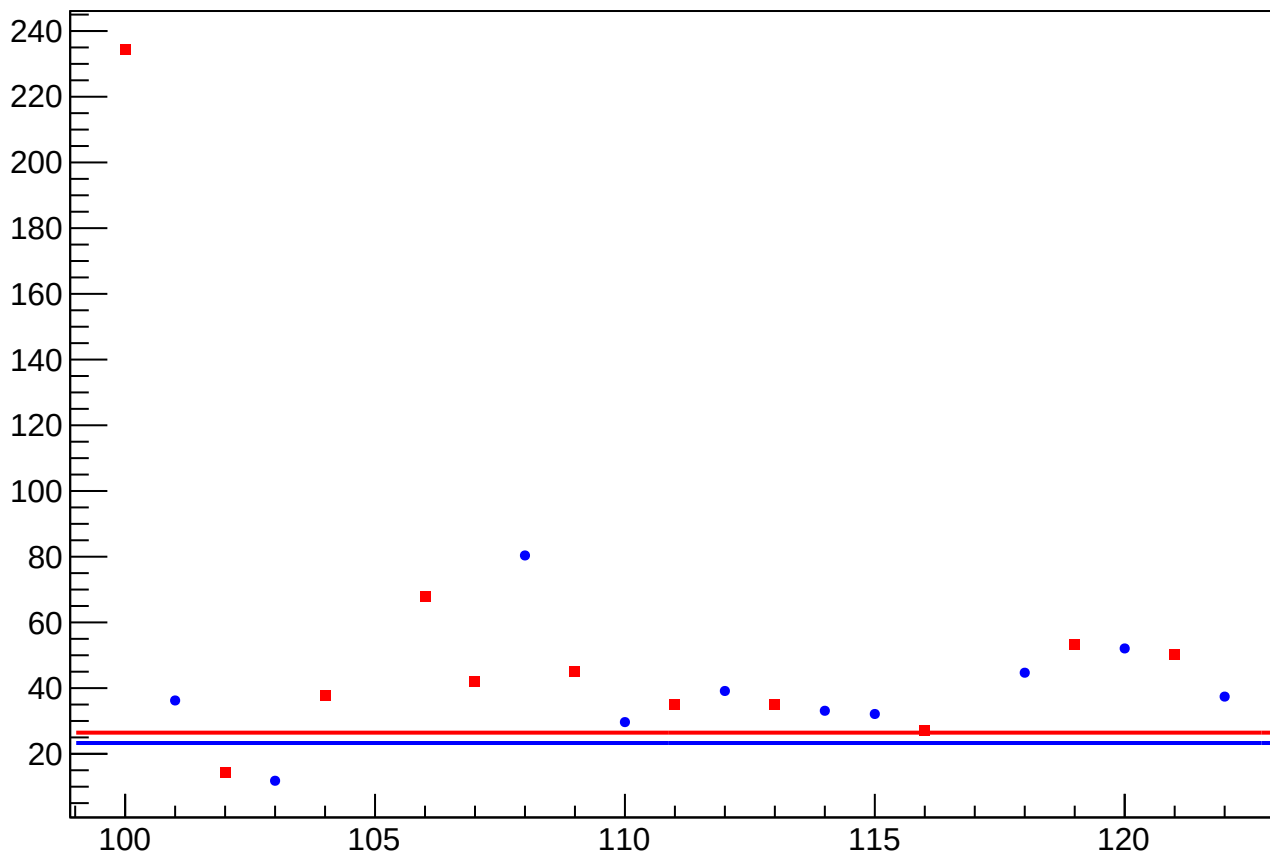
Right: -0.018 $\pm$ 0.011 χ^2 /NDF: 16.5/20

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: -0.018 $\pm$ 0.011 χ^2 /NDF: 16.5/20

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: 26.447+/-0.011 χ^2/NDF : 1760433.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

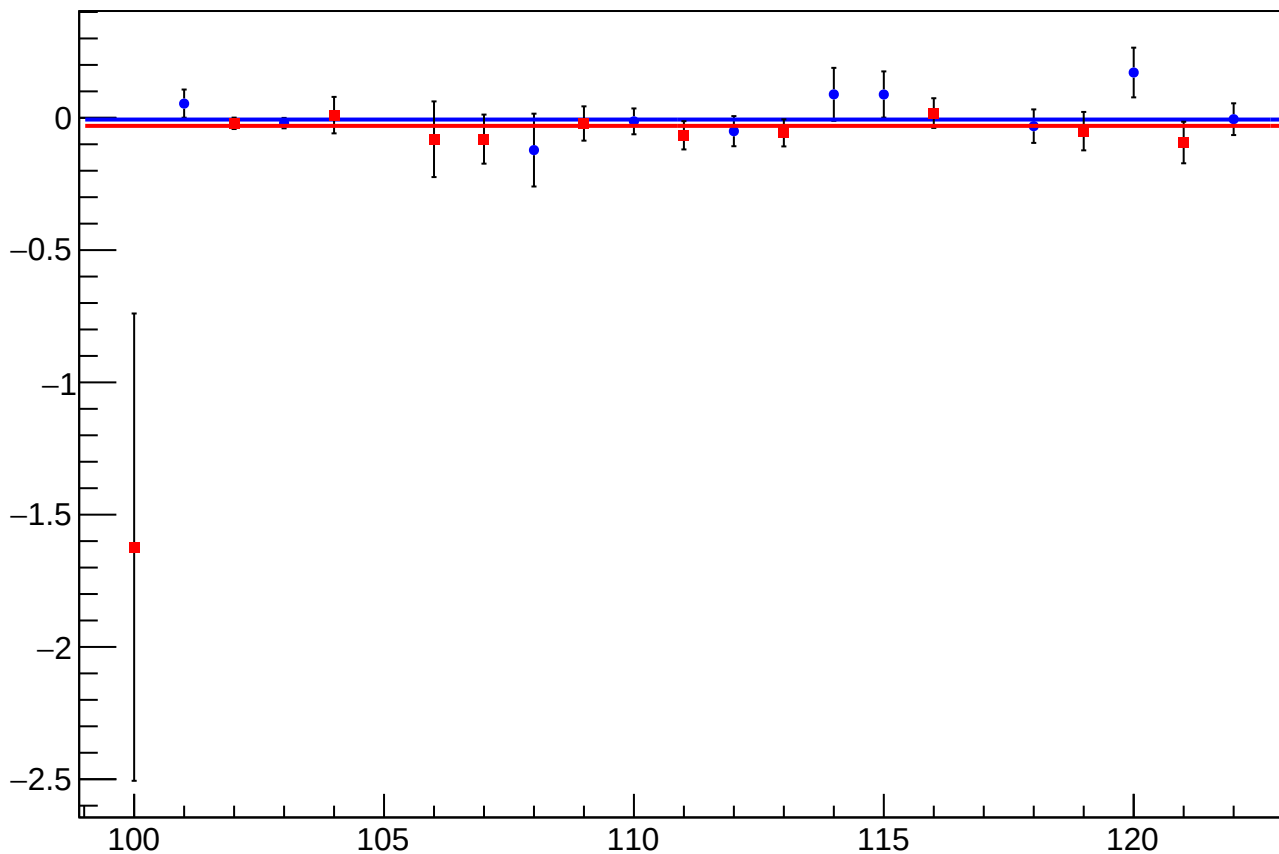
Right: 24.795+/-0.008 χ^2/NDF : 3706330.7/20

In: 23.296+/-0.010 χ^2/NDF : 1902468.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.795+/-0.008 χ^2/NDF : 3706330.7/20

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: -0.030 $\pm$ 0.015 χ^2 /NDF: 6.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

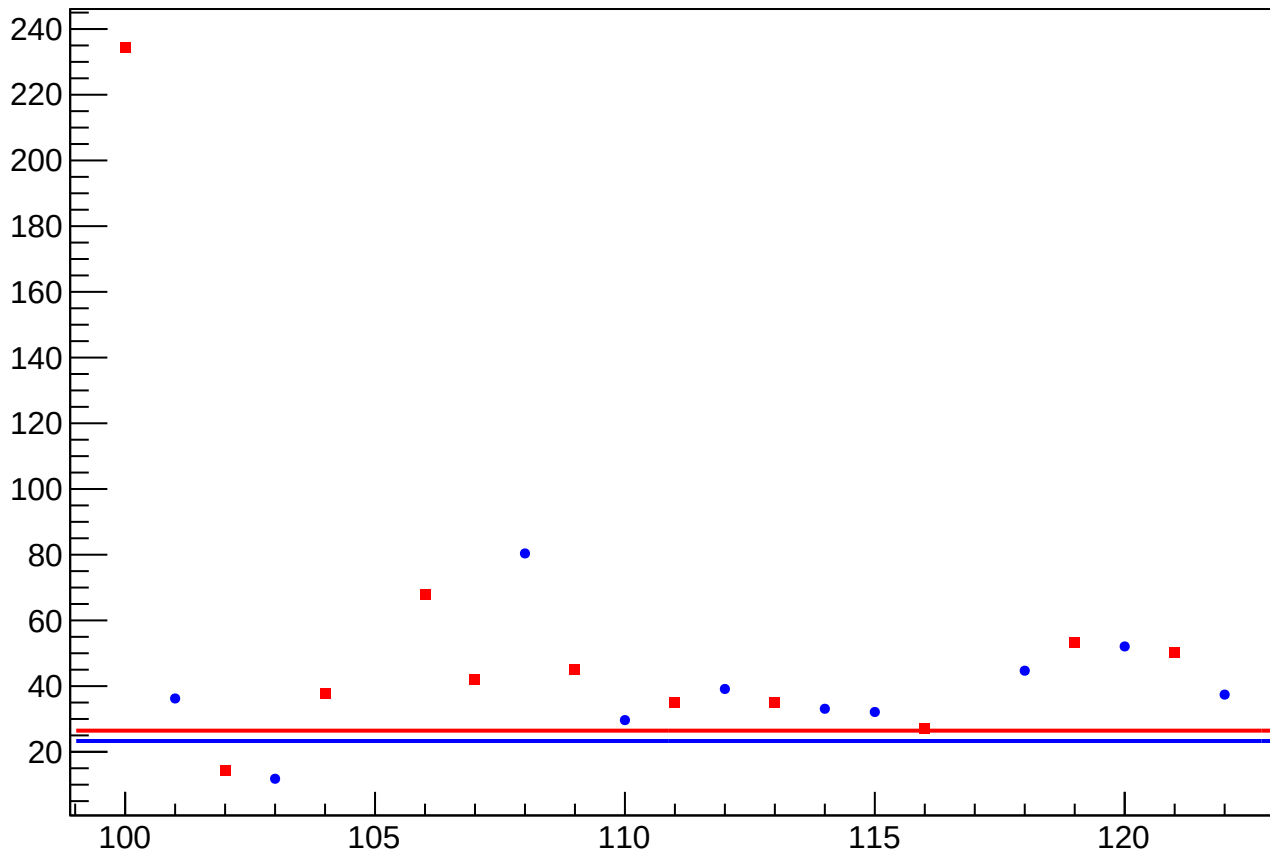
Right: -0.018 $\pm$ 0.011 χ^2 /NDF: 16.5/20

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: -0.018 $\pm$ 0.011 χ^2 /NDF: 16.5/20

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: 26.447+/-0.011 χ^2/NDF : 1760433.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

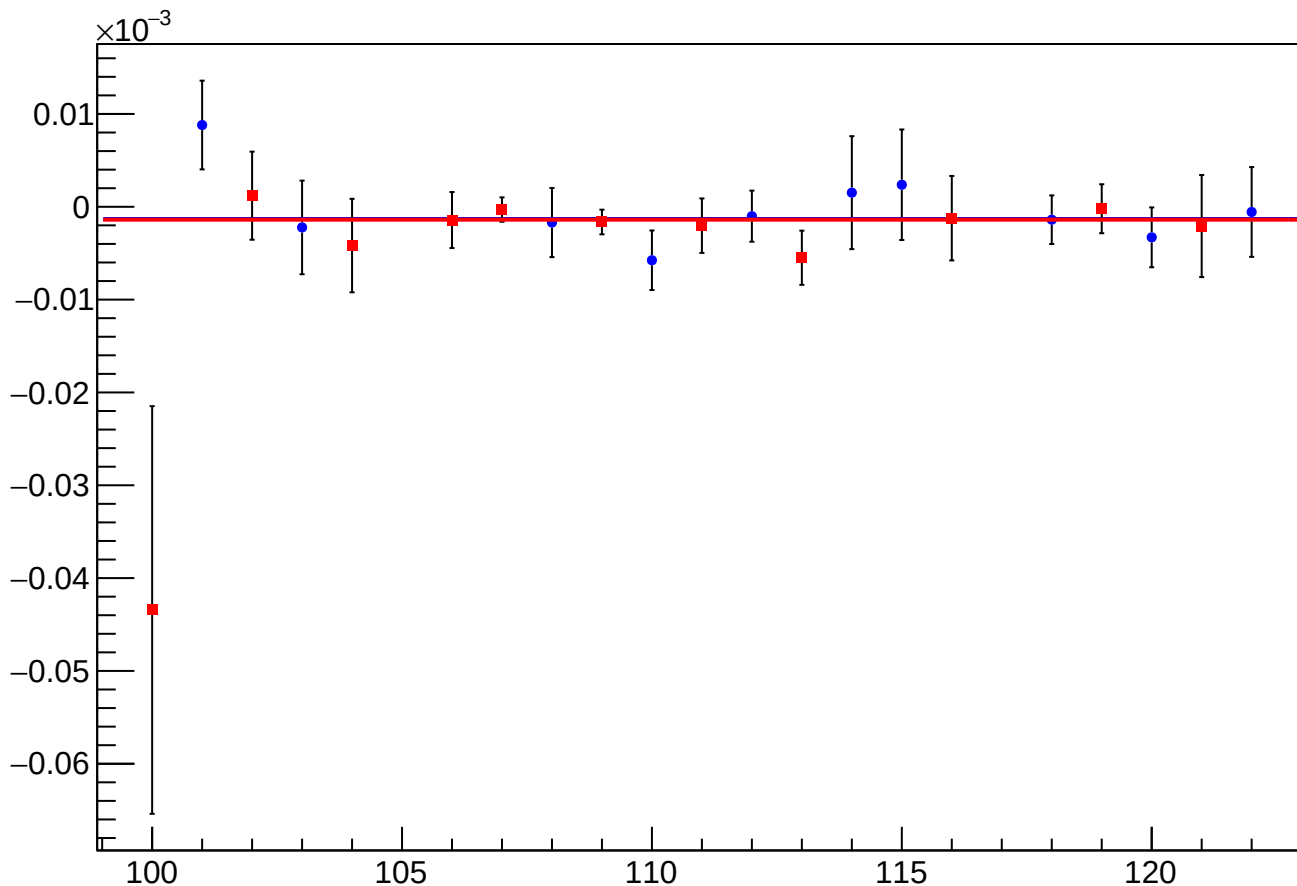
Right: 24.795+/-0.008 χ^2/NDF : 3706330.7/20

In: 23.296+/-0.010 χ^2/NDF : 1902468.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.795+/-0.008 χ^2/NDF : 3706330.7/20

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 : 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

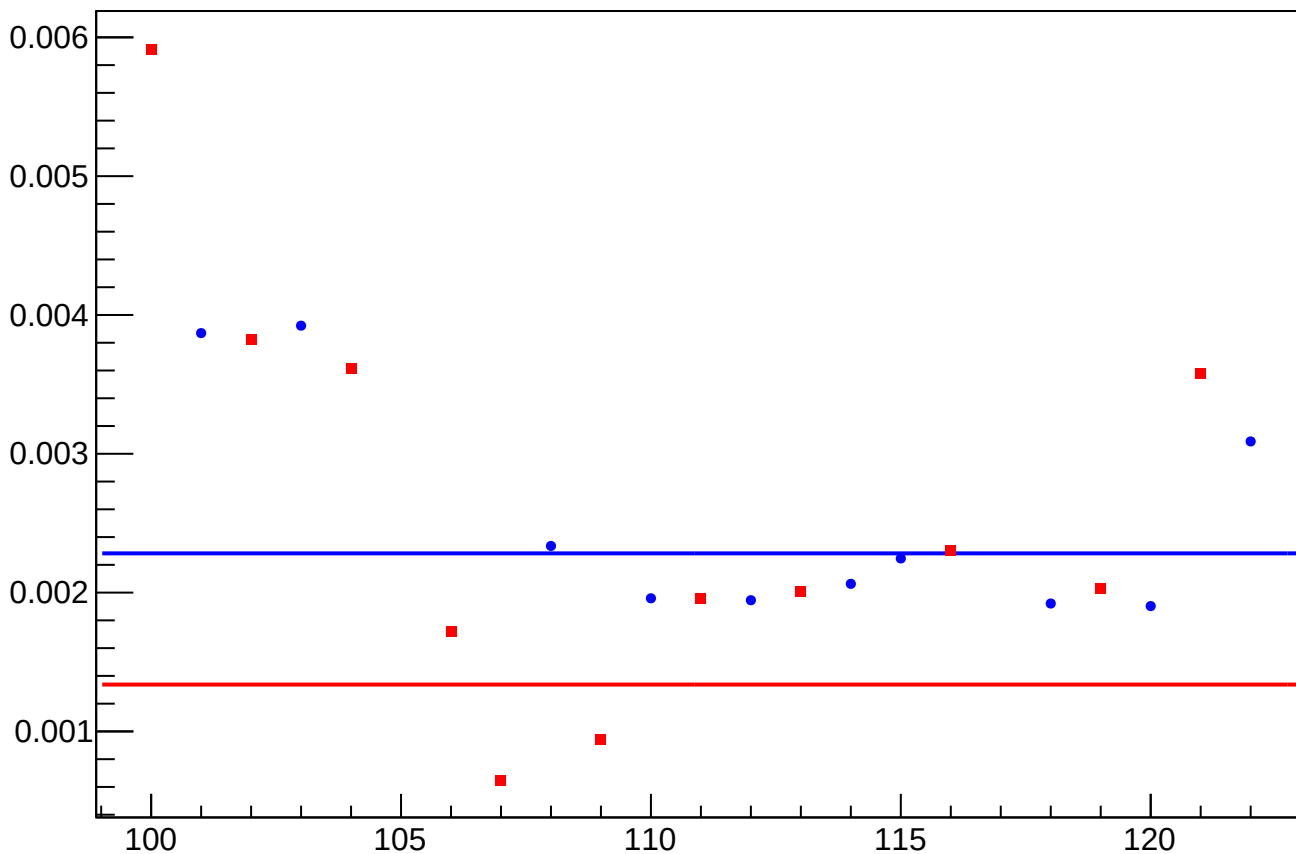
Right: -0.000+/-0.000 χ^2/NDF : 14.7/20

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 : 14.7/20

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 : 2563275.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

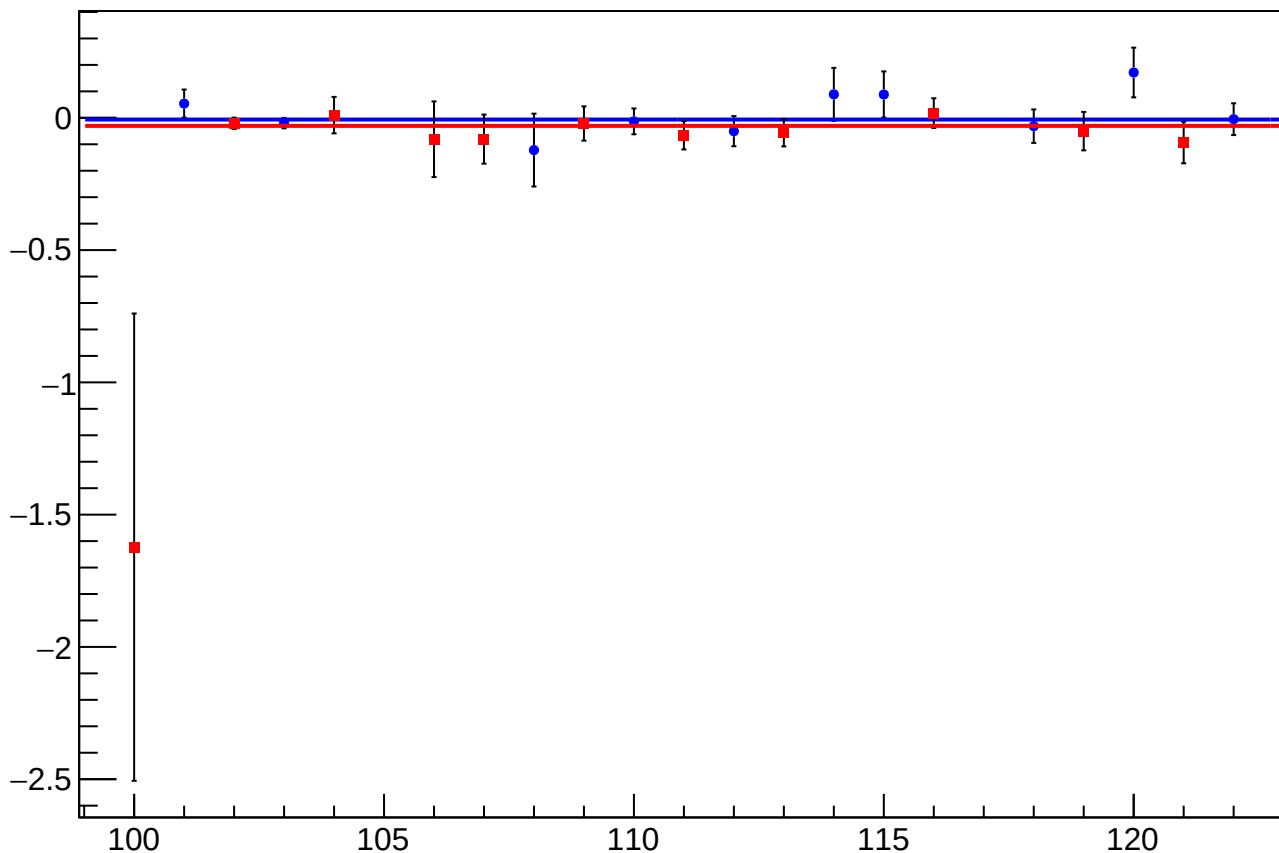
Right: 0.002+/-0.000 χ^2/NDF : 4093478.1/20

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 : 4093478.1/20

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.015 $\chi^2/\text{NDF}: 8.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.030 ± 0.015 $\chi^2/\text{NDF}: 6.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

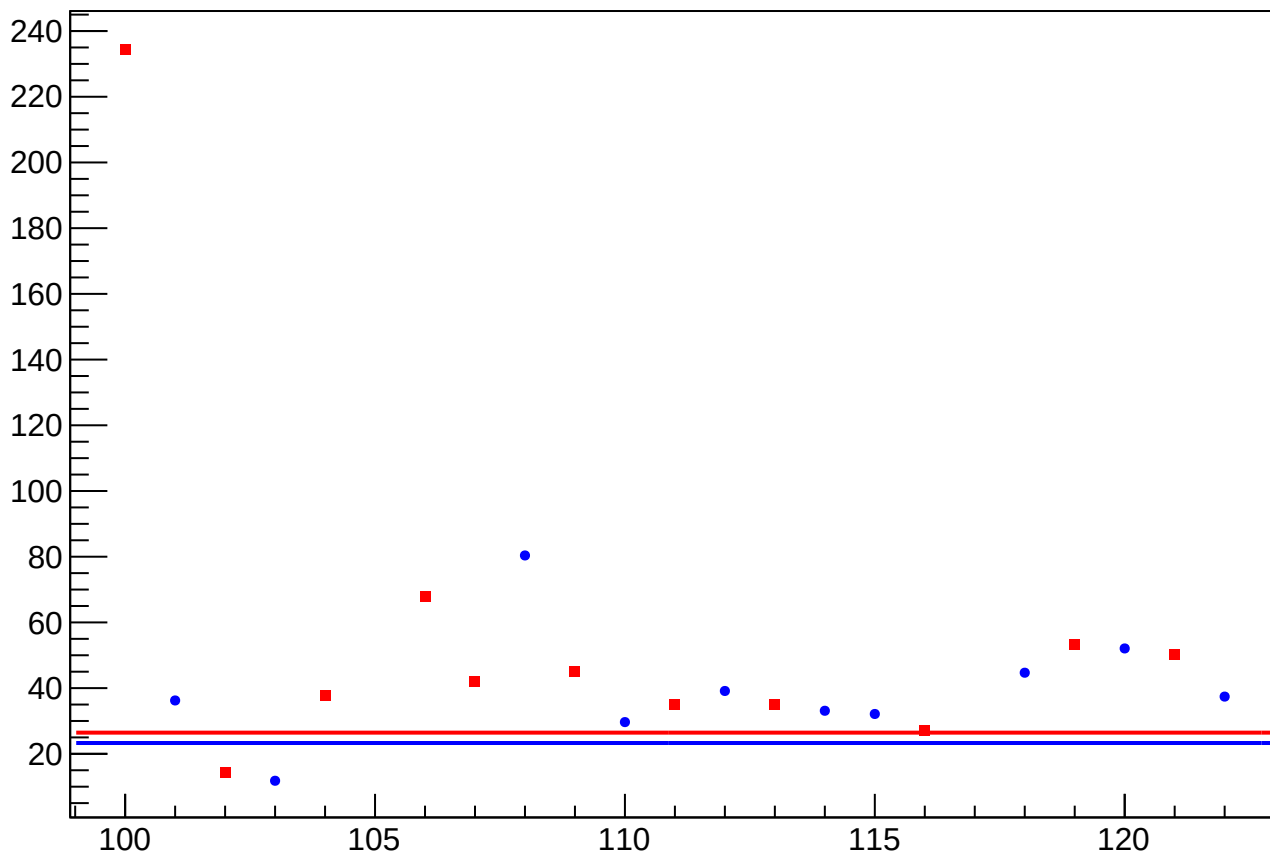
Right: -0.018 ± 0.011 $\chi^2/\text{NDF}: 16.5/20$

In: -0.006 ± 0.015 $\chi^2/\text{NDF}: 8.9/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.018 ± 0.011 $\chi^2/\text{NDF}: 16.5/20$

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: 26.451+/-0.011 χ^2/NDF : 1759978.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

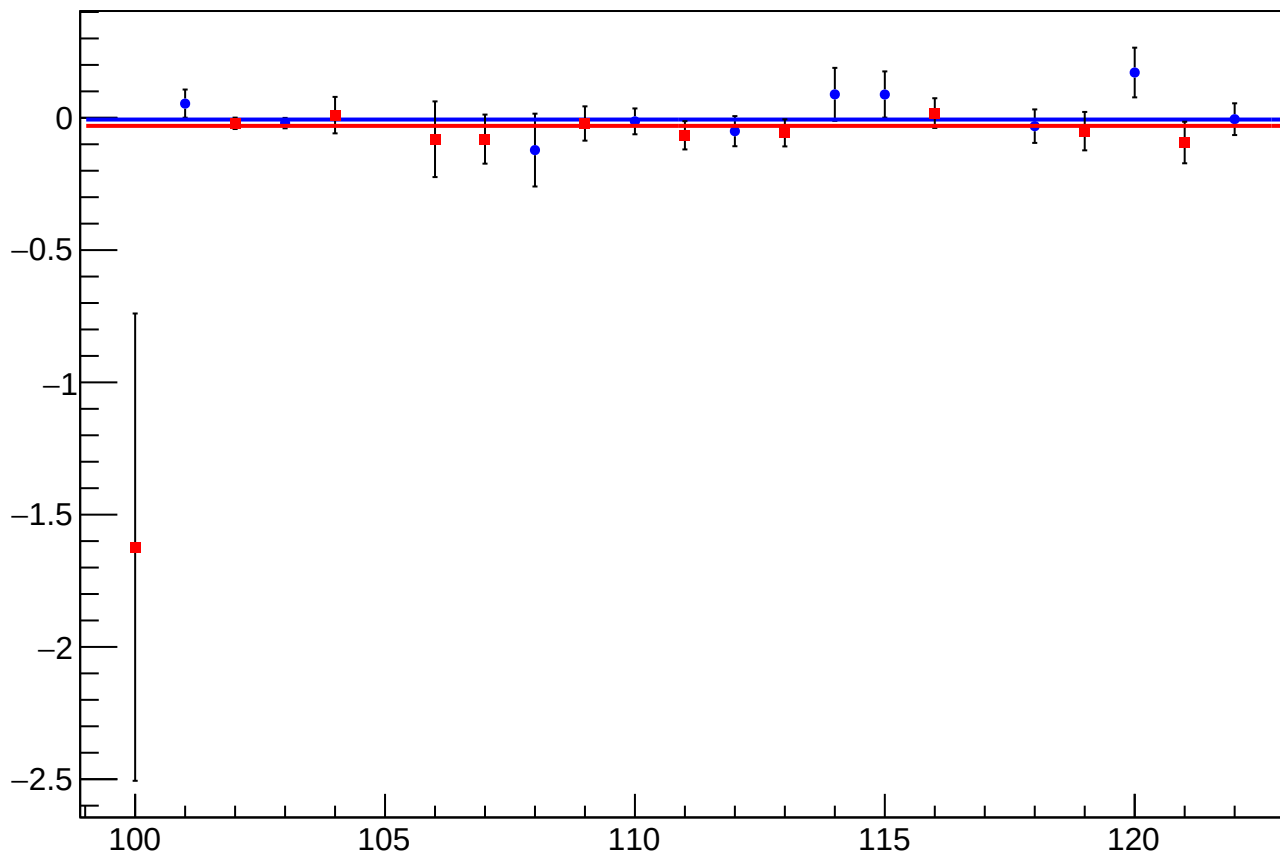
Right: 24.796+/-0.008 χ^2/NDF : 3706258.2/20

In: 23.295+/-0.010 χ^2/NDF : 1902726.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.796+/-0.008 χ^2/NDF : 3706258.2/20

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: -0.030 ± 0.015 χ^2/NDF : 6.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

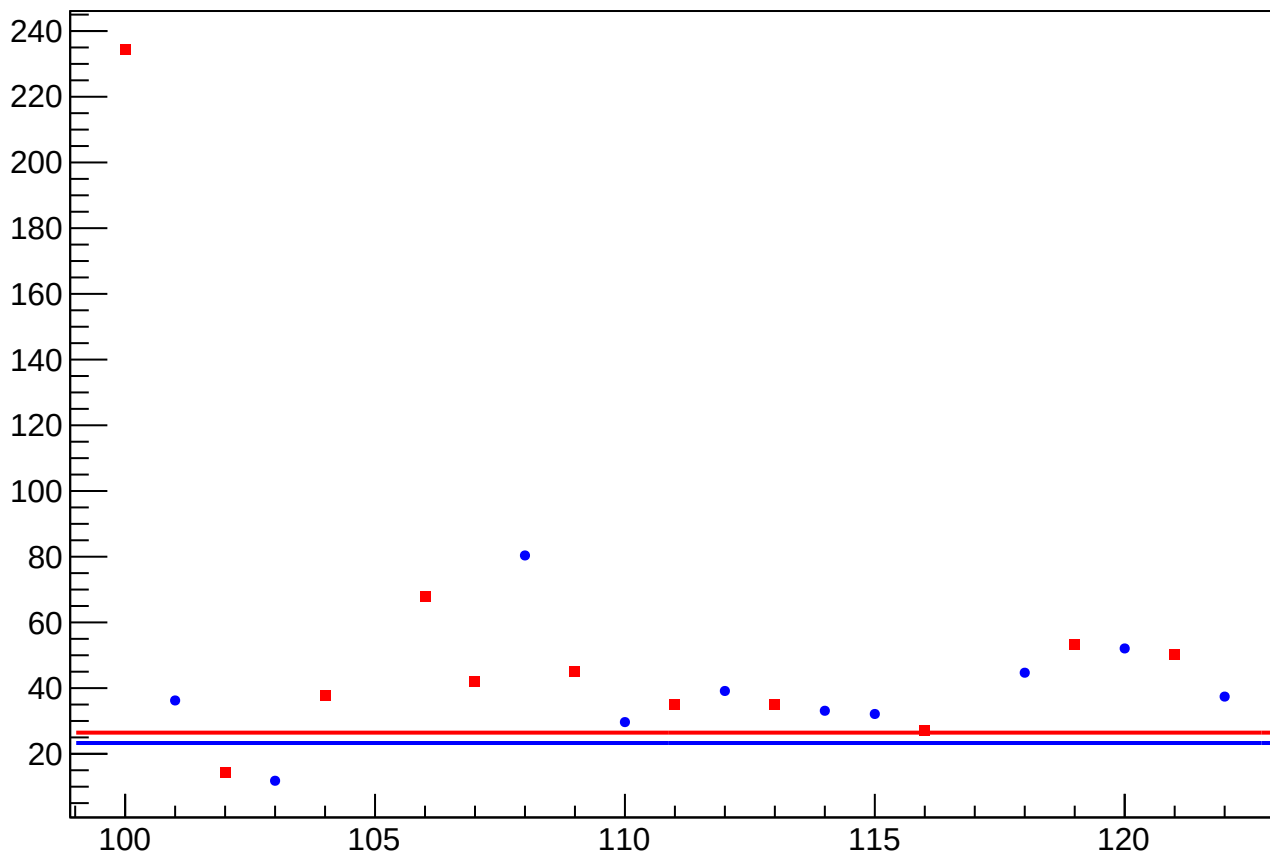
Right: -0.018 ± 0.011 χ^2/NDF : 16.5/20

In: -0.006 ± 0.015 χ^2/NDF : 8.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.011 χ^2/NDF : 16.5/20

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: 26.451+/-0.011 χ^2/NDF : 1759978.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

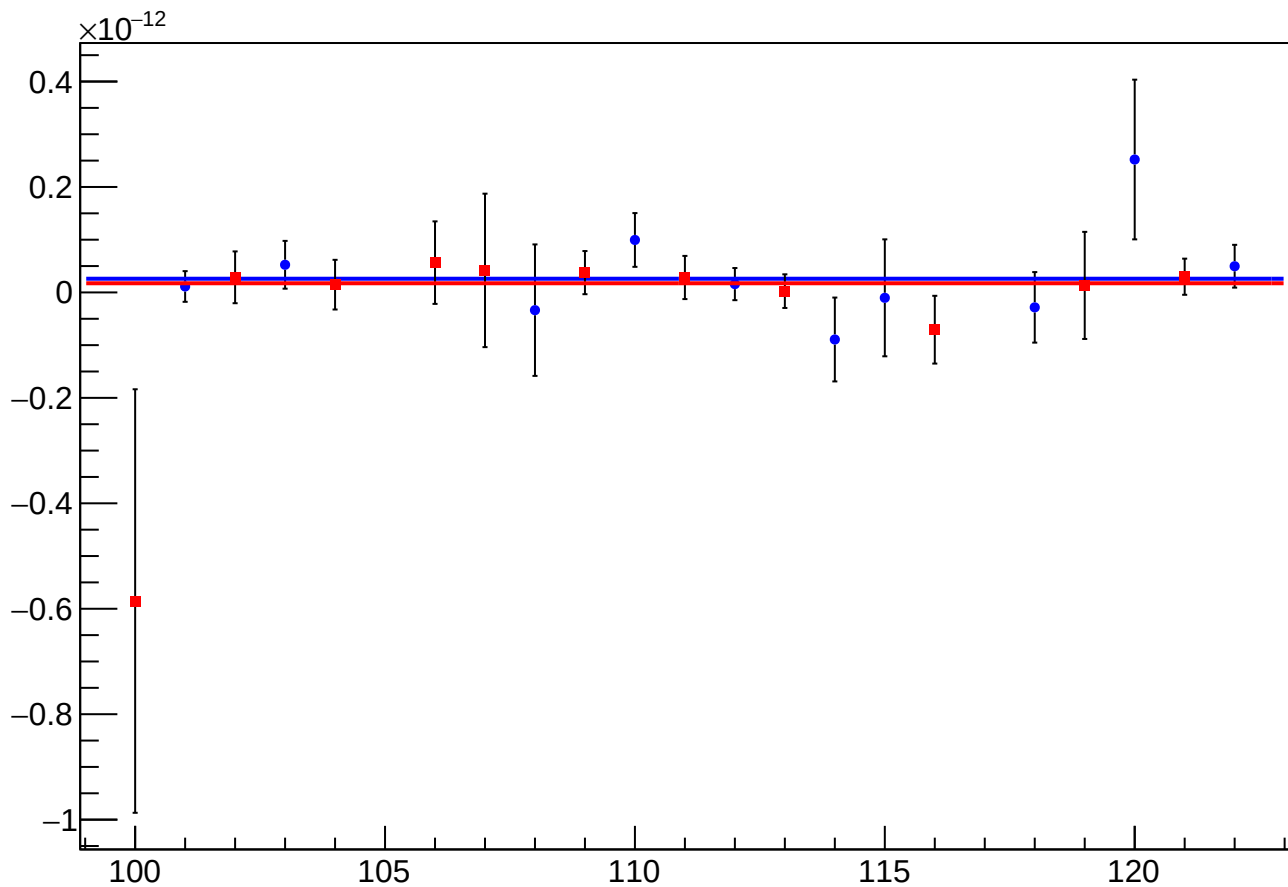
Right: 24.796+/-0.008 χ^2/NDF : 3706258.2/20

In: 23.295+/-0.010 χ^2/NDF : 1902726.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.796+/-0.008 χ^2/NDF : 3706258.2/20

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 : 5.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

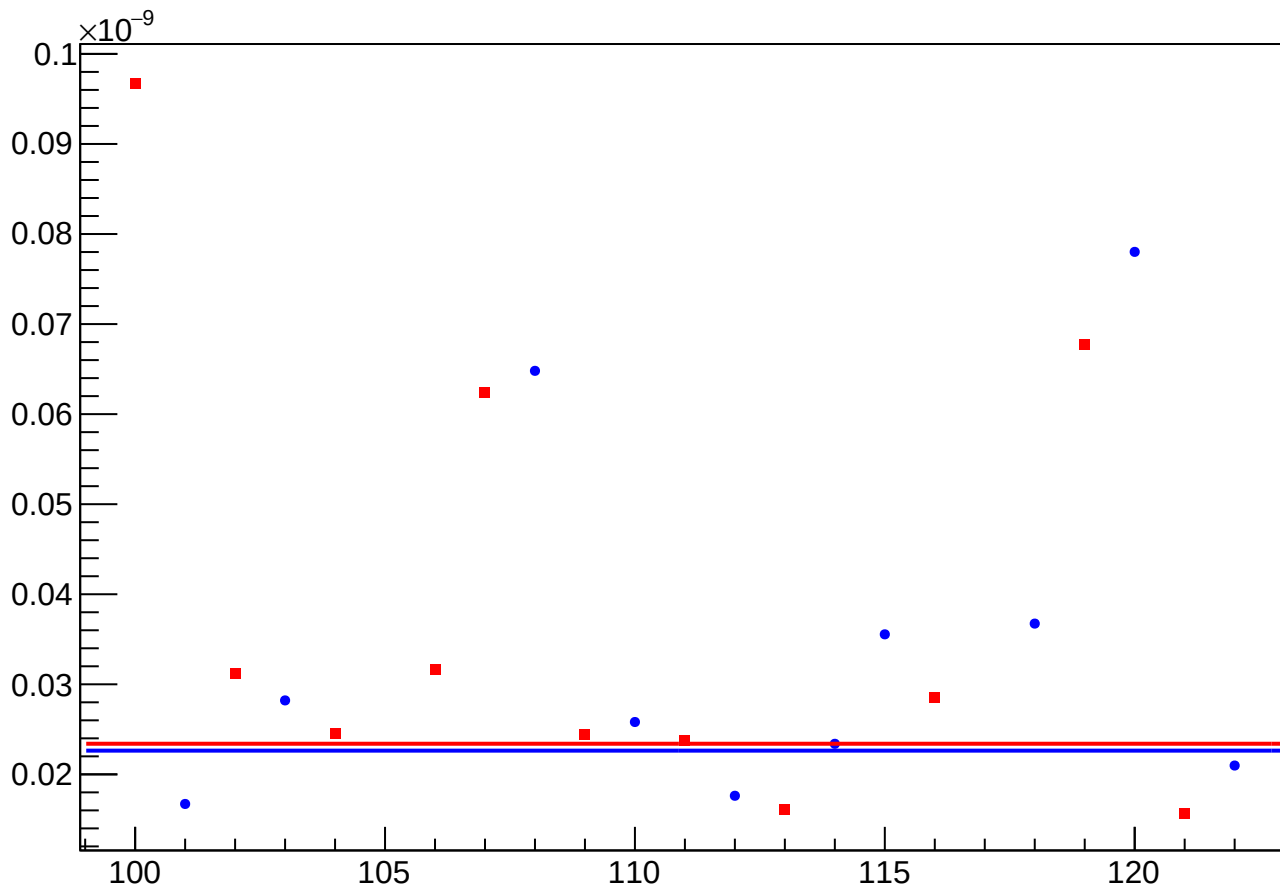
Right: 0.000+/-0.000 χ^2/NDF : 13.7/20

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 : 13.7/20

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 : 886942.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

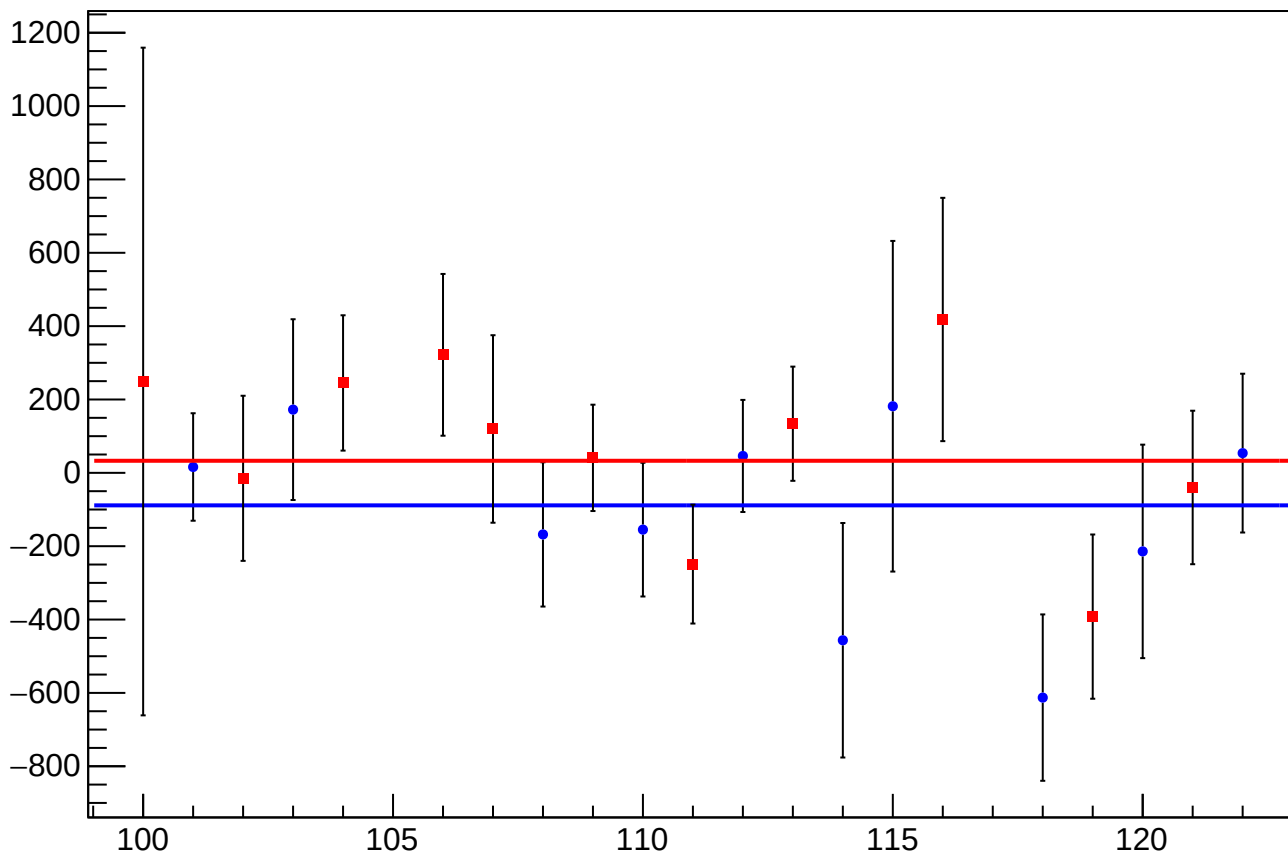
Right: 0.000+/-0.000 χ^2/NDF : 1680231.1/20

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 : 1680231.1/20

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: 32.913+/-61.432 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

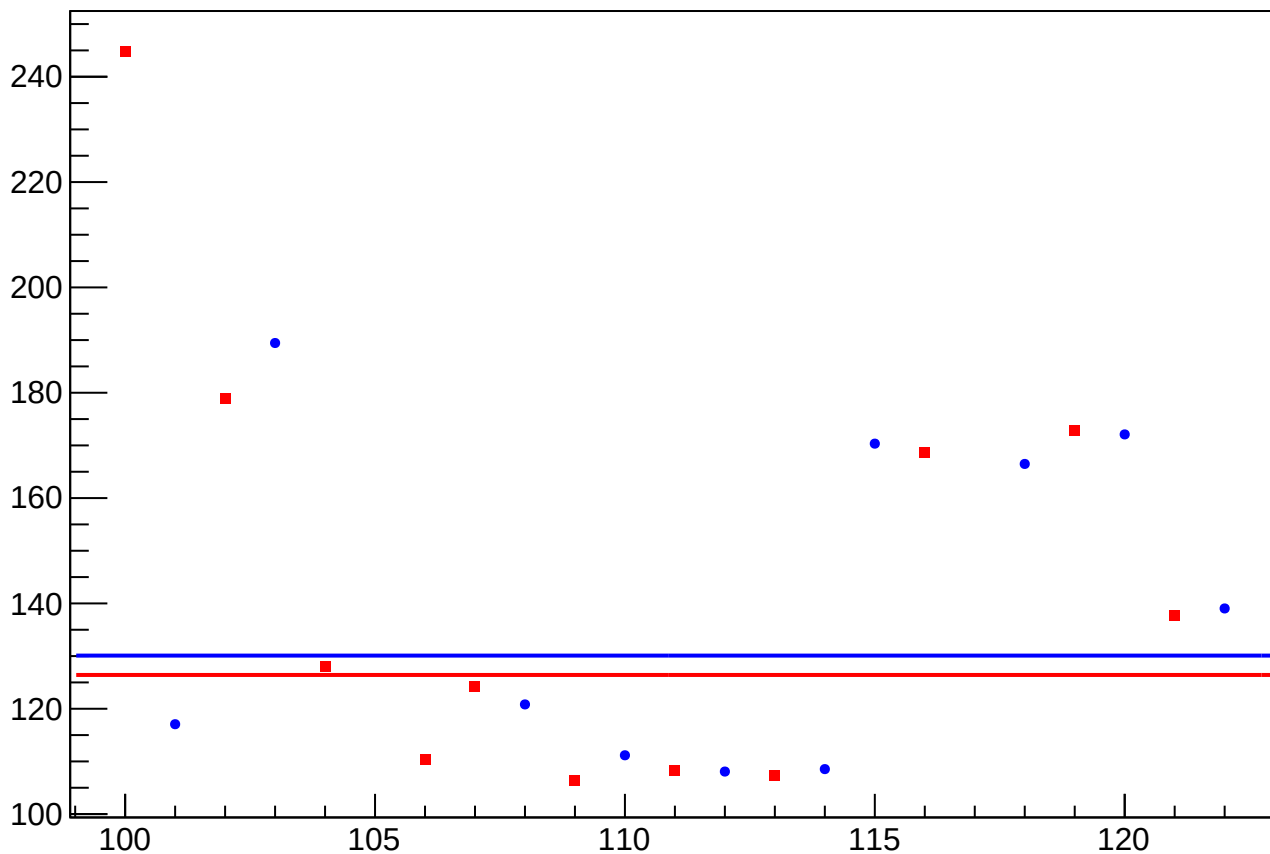
Right: -23.458+/-44.989 χ^2/NDF : 23.9/20

In: -88.661+/-66.070 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -23.458+/-44.989 χ^2/NDF : 23.9/20

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: 126.417+/-0.043 χ^2/NDF : 371017.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

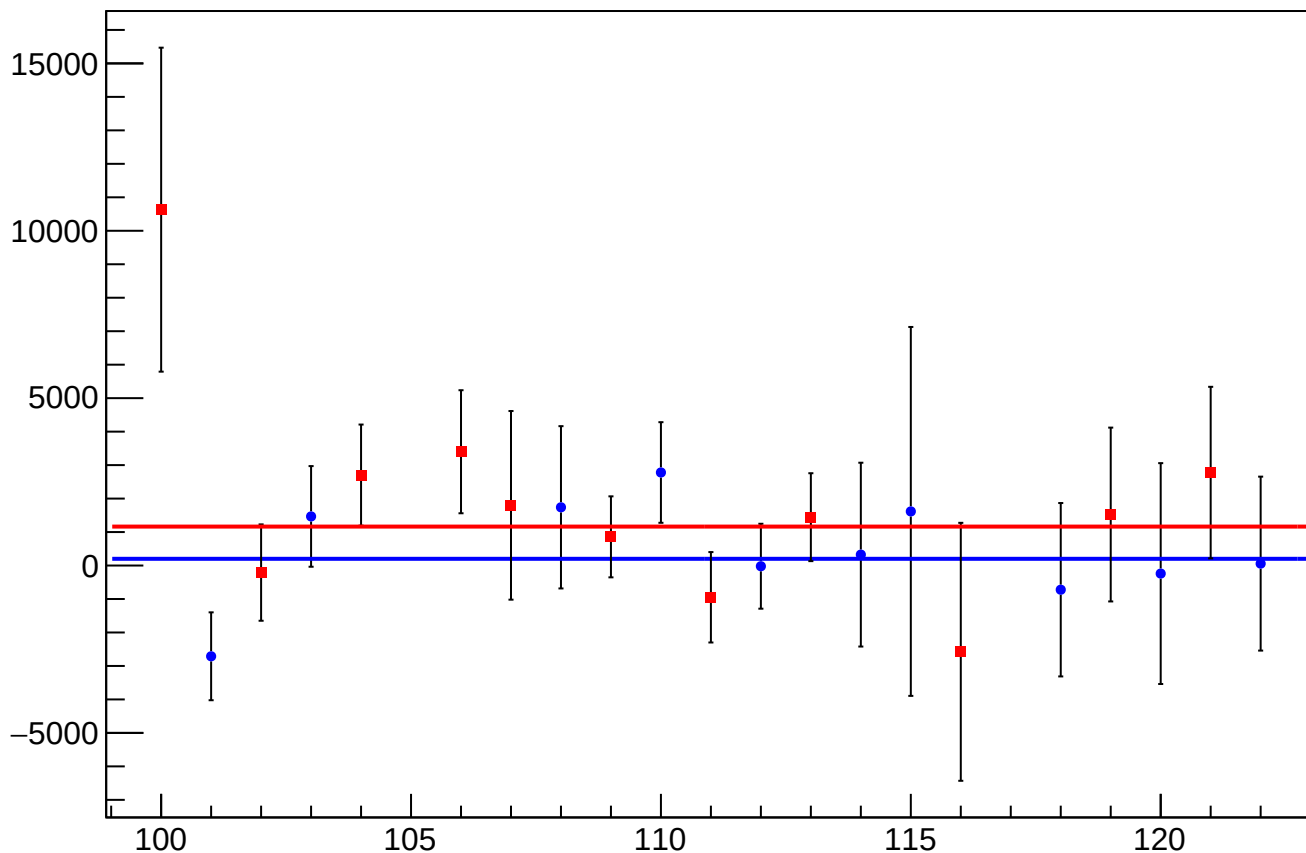
Right: 128.122+/-0.032 χ^2/NDF : 695236.2/20

In: 130.094+/-0.047 χ^2/NDF : 320897.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.122+/-0.032 χ^2/NDF : 695236.2/20

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: 1163.435+/-529.589 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

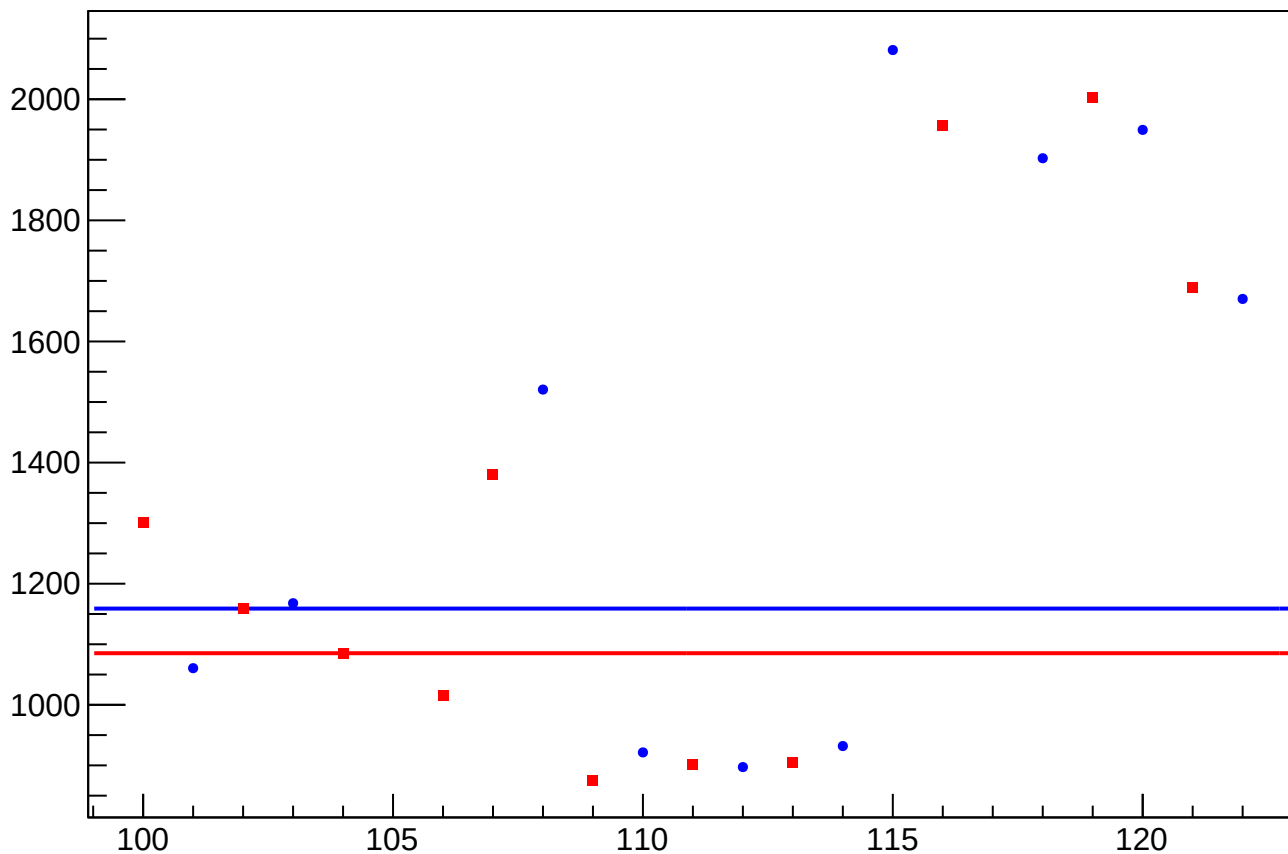
Right: 738.972+/-395.980 χ^2/NDF : 21.9/20

In: 200.774+/-596.334 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 738.972+/-395.980 χ^2/NDF : 21.9/20

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: 1085.224+/-0.374 χ^2/NDF : 632106.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

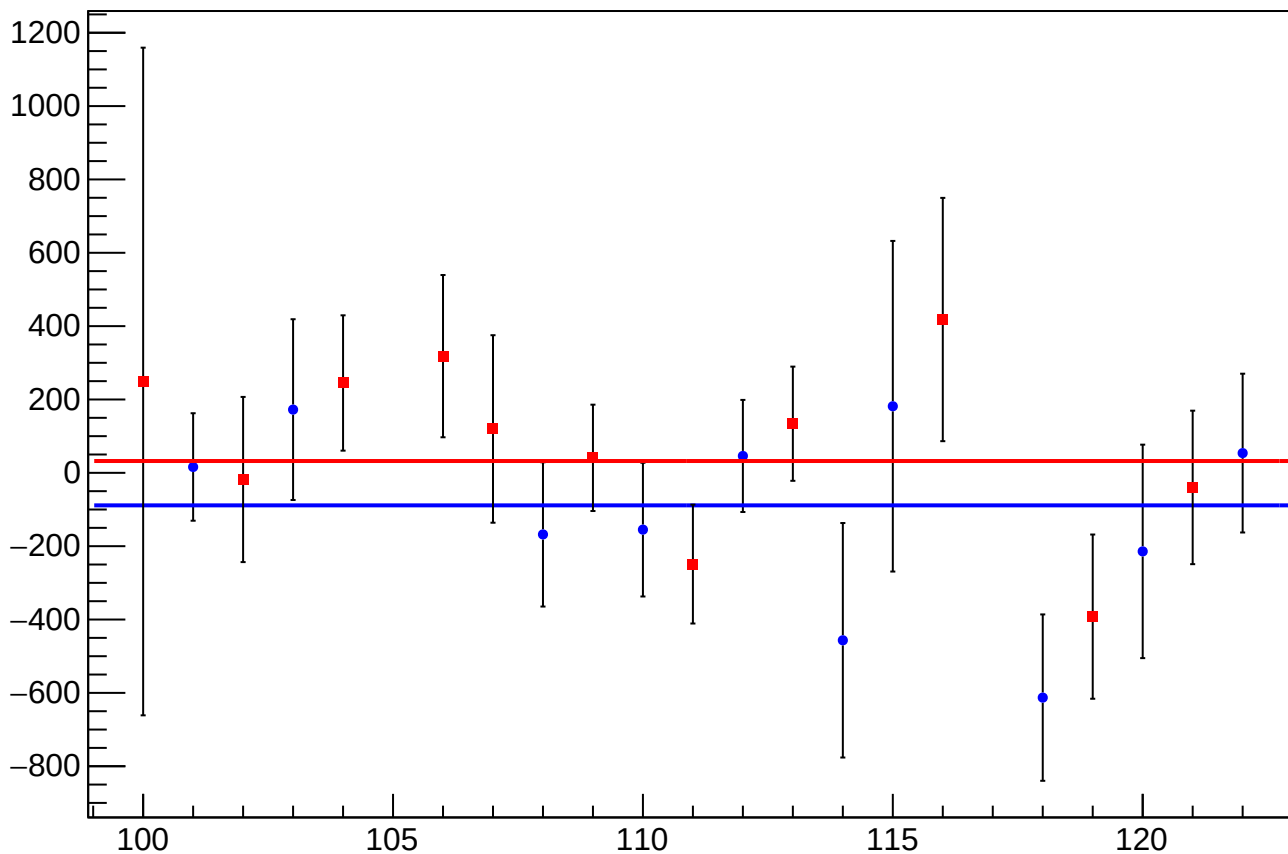
Right: 1117.723+/-0.280 χ^2/NDF : 1266983.3/20

In: 1158.930+/-0.422 χ^2/NDF : 617795.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1117.723+/-0.280 χ^2/NDF : 1266983.3/20

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: 32.241 $\pm$ 61.449 χ^2 /NDF: 11.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

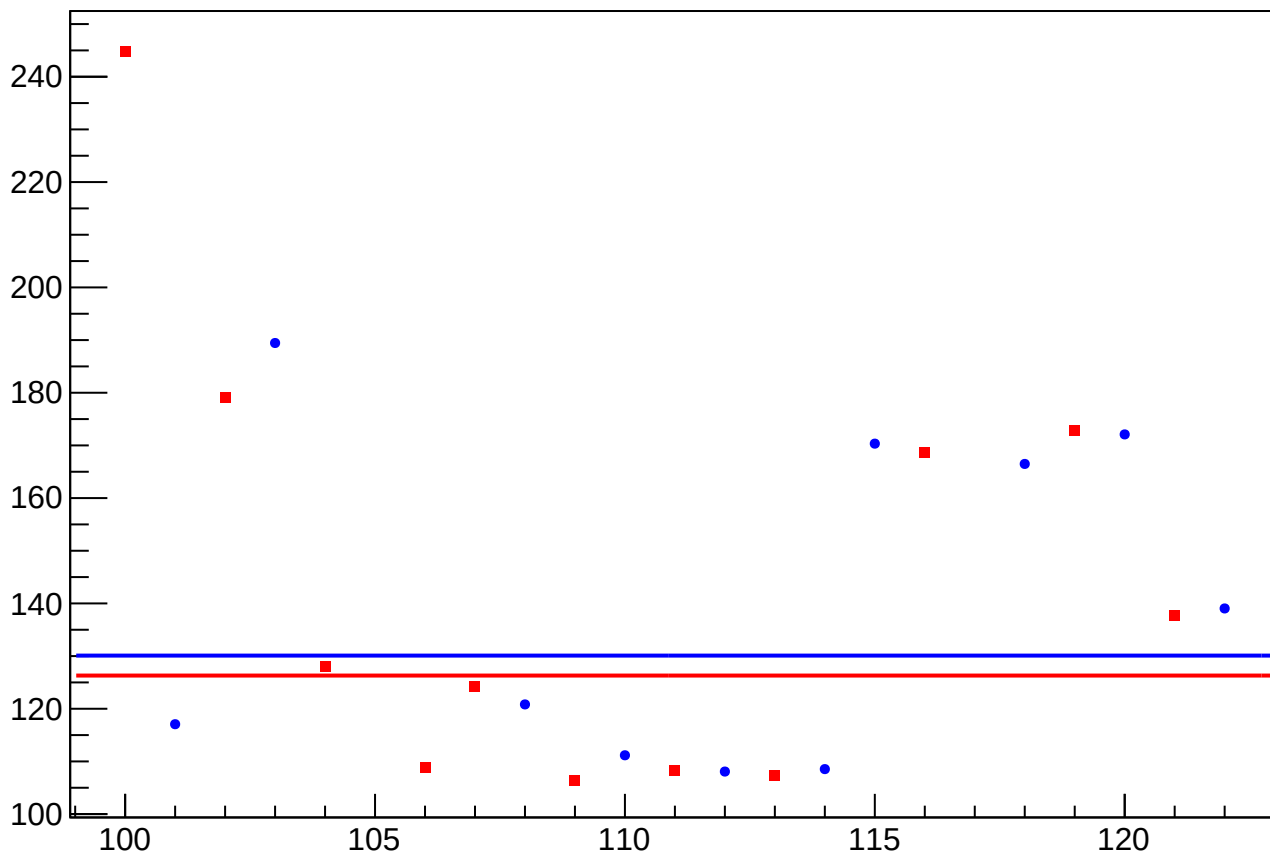
Right: -23.844 $\pm$ 44.996 χ^2 /NDF: 23.9/20

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: -23.844 $\pm$ 44.996 χ^2 /NDF: 23.9/20

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: 126.304+/-0.043 χ^2/NDF : 373368.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

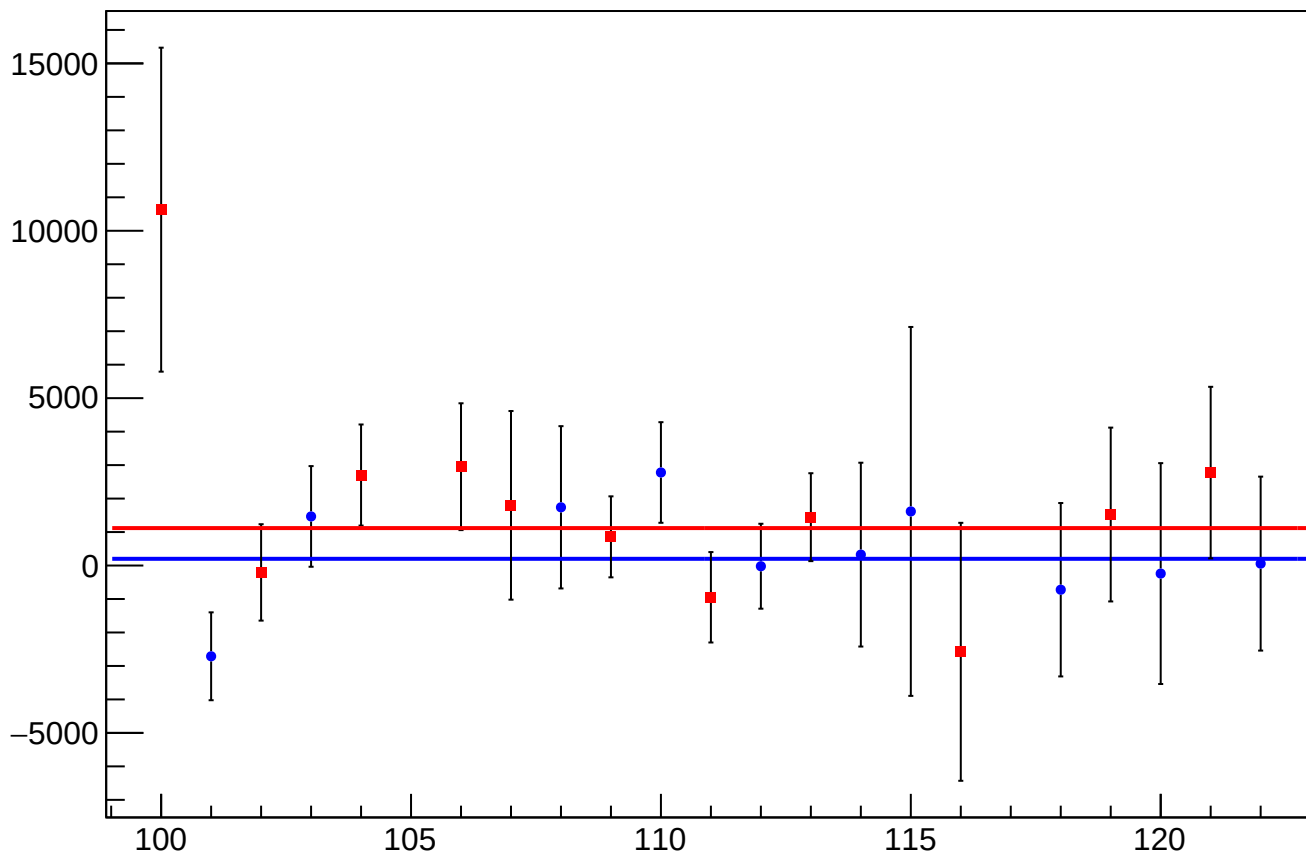
Right: 128.061+/-0.032 χ^2/NDF : 697797.4/20

In: 130.094+/-0.047 χ^2/NDF : 320900.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.061+/-0.032 χ^2/NDF : 697797.4/20

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: 1118.453+/-530.925 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

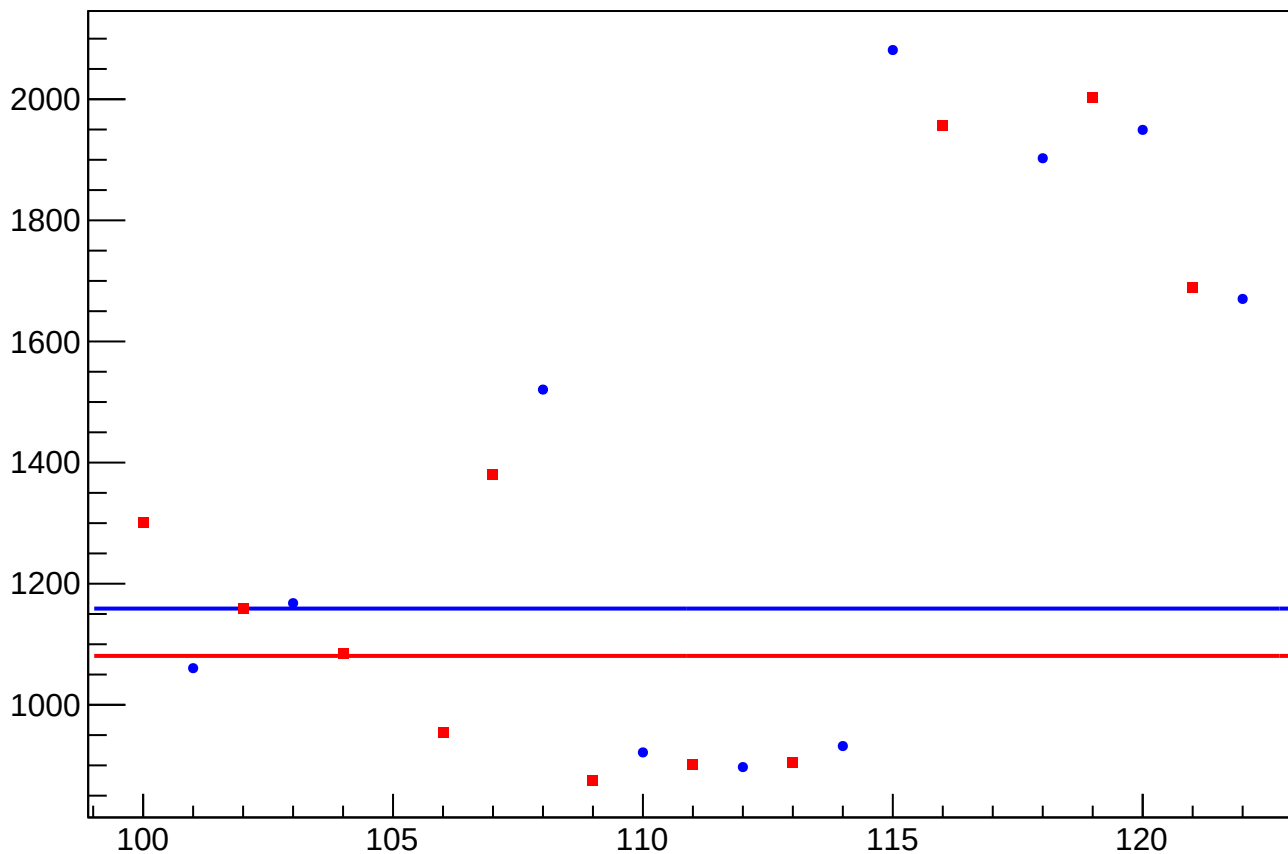
Right: 712.648+/-396.540 χ^2/NDF : 21.2/20

In: 200.680+/-596.343 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.648+/-396.540 χ^2/NDF : 21.2/20

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: 1080.777+/-0.375 χ^2/NDF : 638791.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

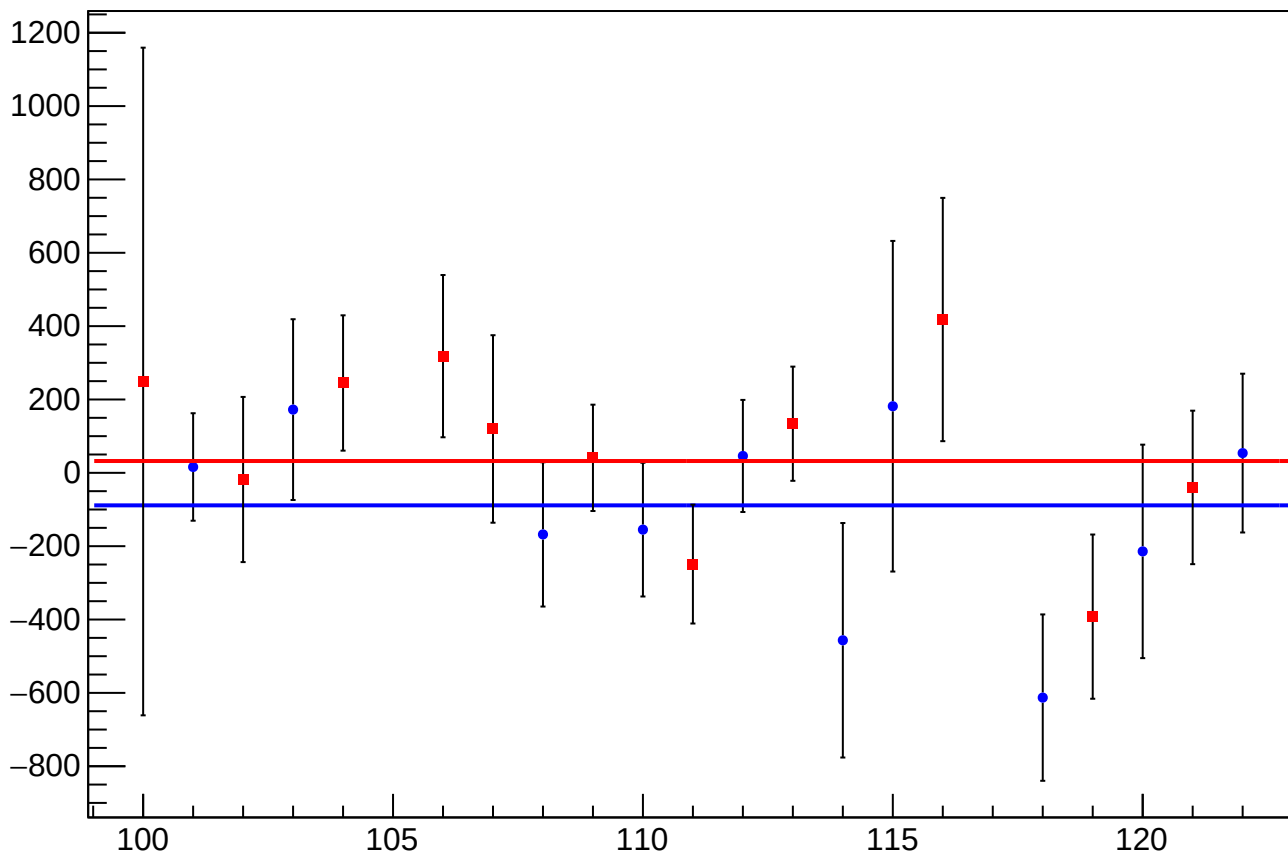
Right: 1115.341+/-0.280 χ^2/NDF : 1275756.6/20

In: 1158.946+/-0.422 χ^2/NDF : 617795.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1115.341+/-0.280 χ^2/NDF : 1275756.6/20

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: 32.241+/-61.449 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

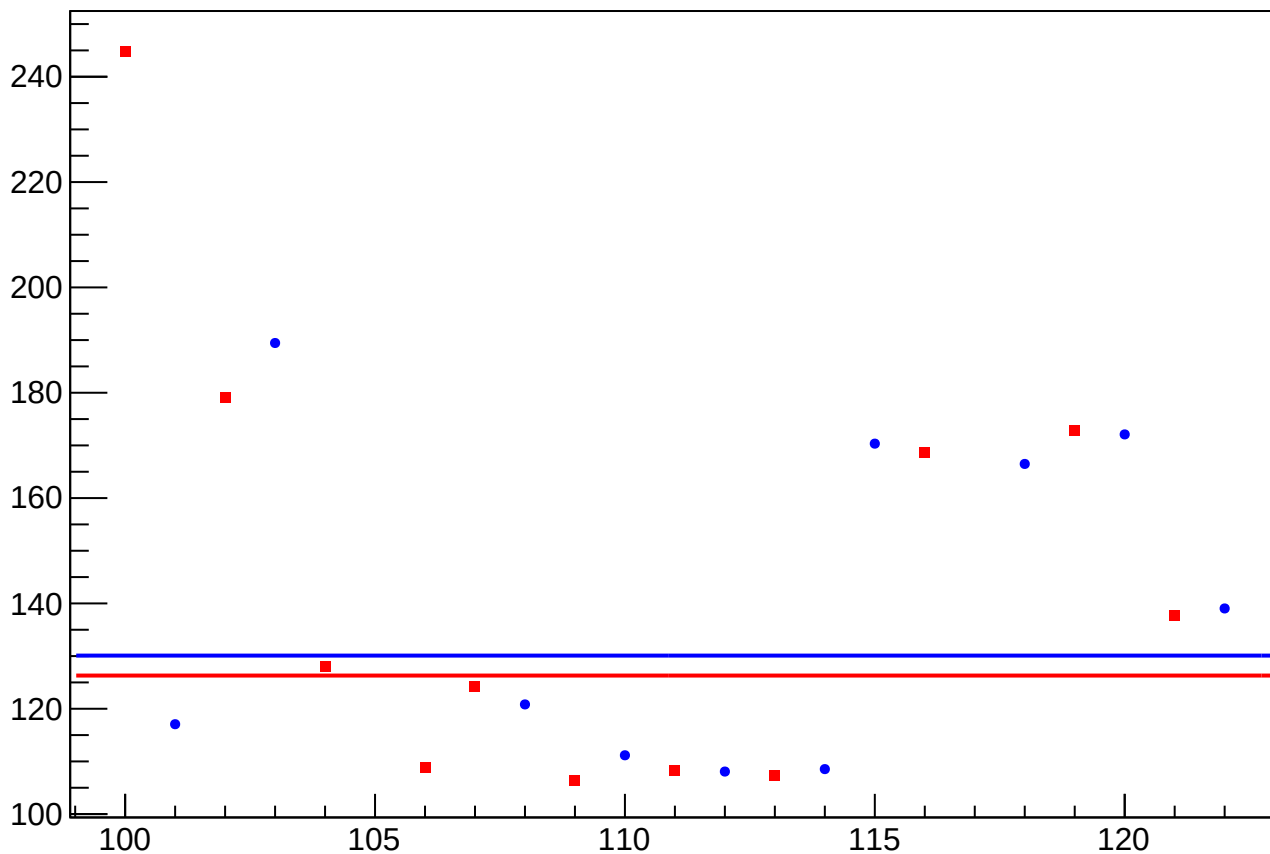
Right: -23.844+/-44.996 χ^2/NDF : 23.9/20

In: -88.680+/-66.070 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.844+/-44.996 χ^2/NDF : 23.9/20

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: 126.304+/-0.043 χ^2/NDF : 373368.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

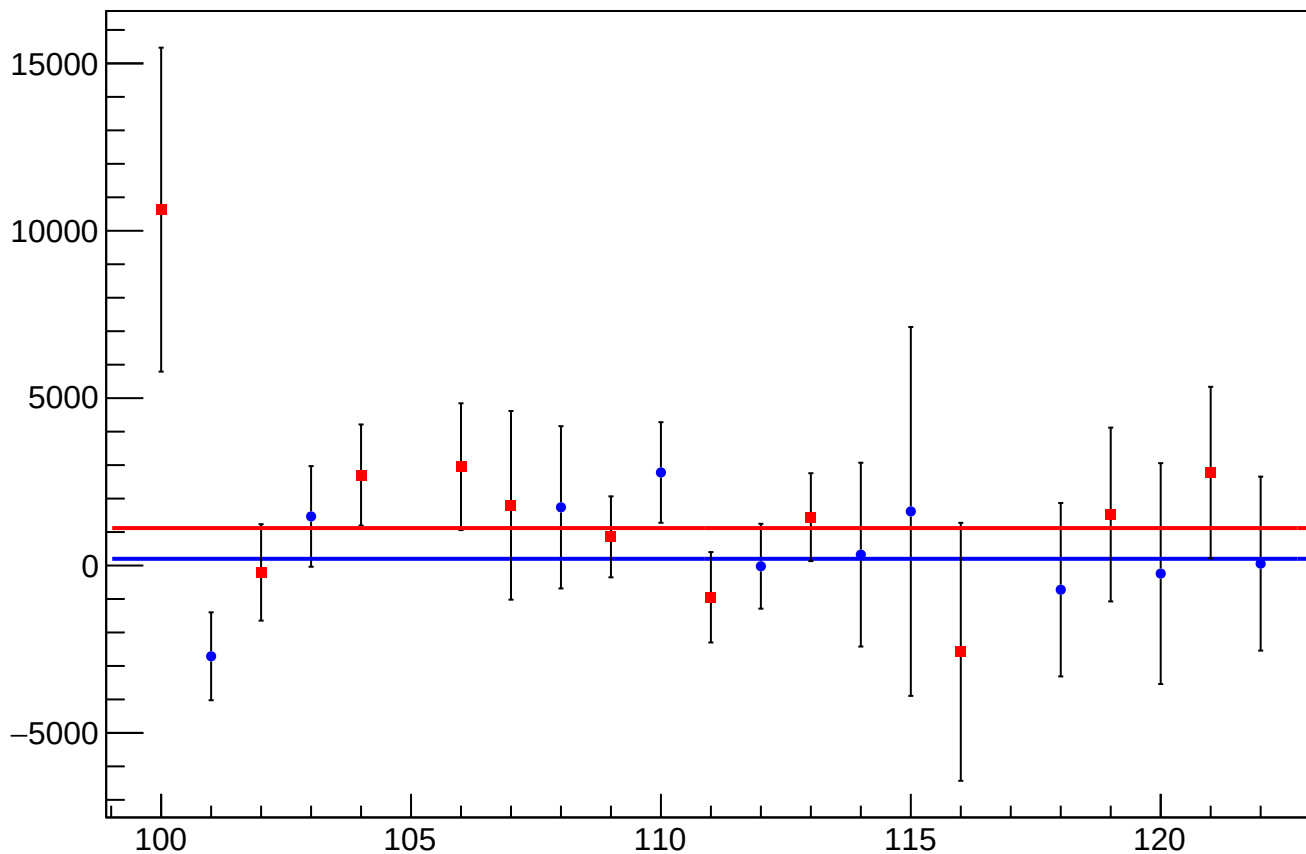
Right: 128.061+/-0.032 χ^2/NDF : 697797.4/20

In: 130.094+/-0.047 χ^2/NDF : 320900.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.061+/-0.032 χ^2/NDF : 697797.4/20

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: 1118.453+/-530.925 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

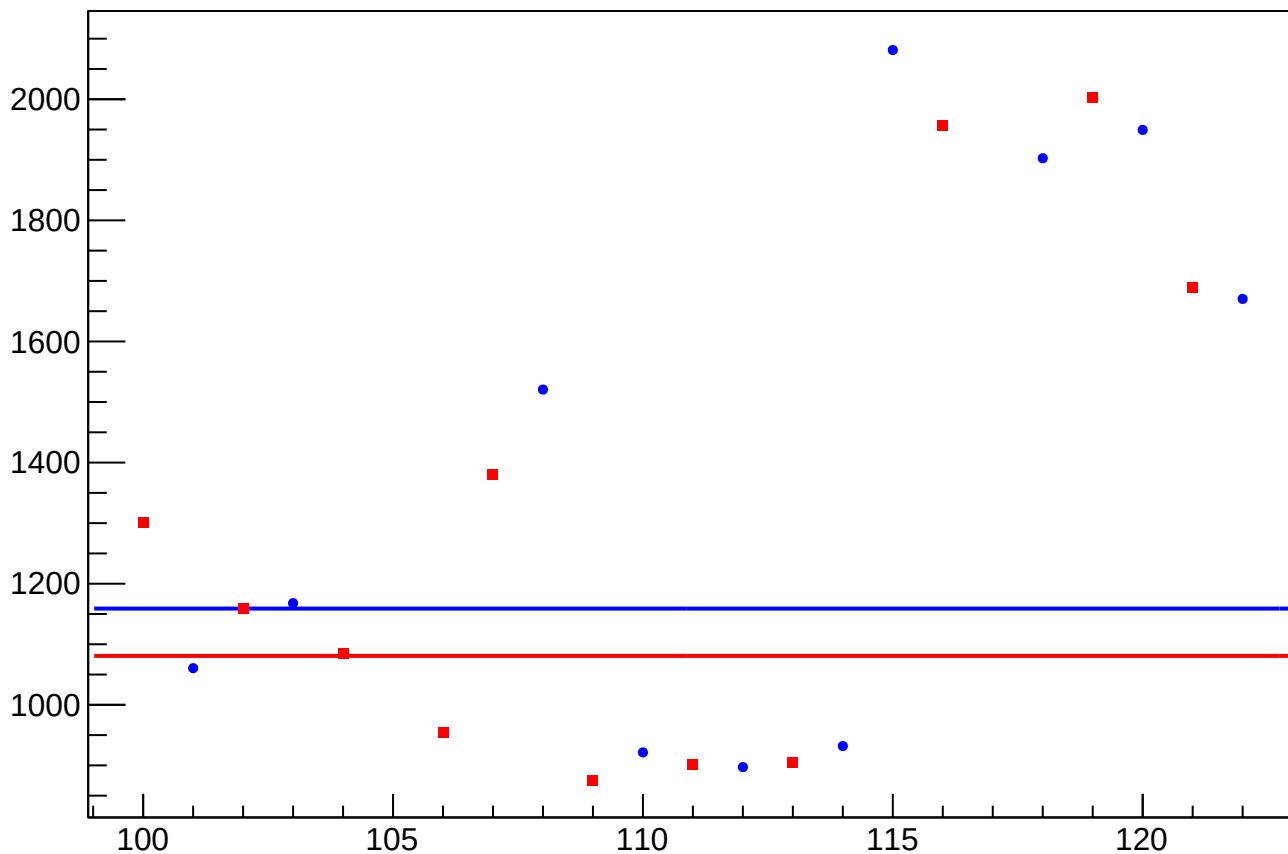
Right: 712.648+/-396.540 χ^2/NDF : 21.2/20

In: 200.680+/-596.343 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.648+/-396.540 χ^2/NDF : 21.2/20

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: 1080.777+/-0.375 χ^2/NDF : 638791.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

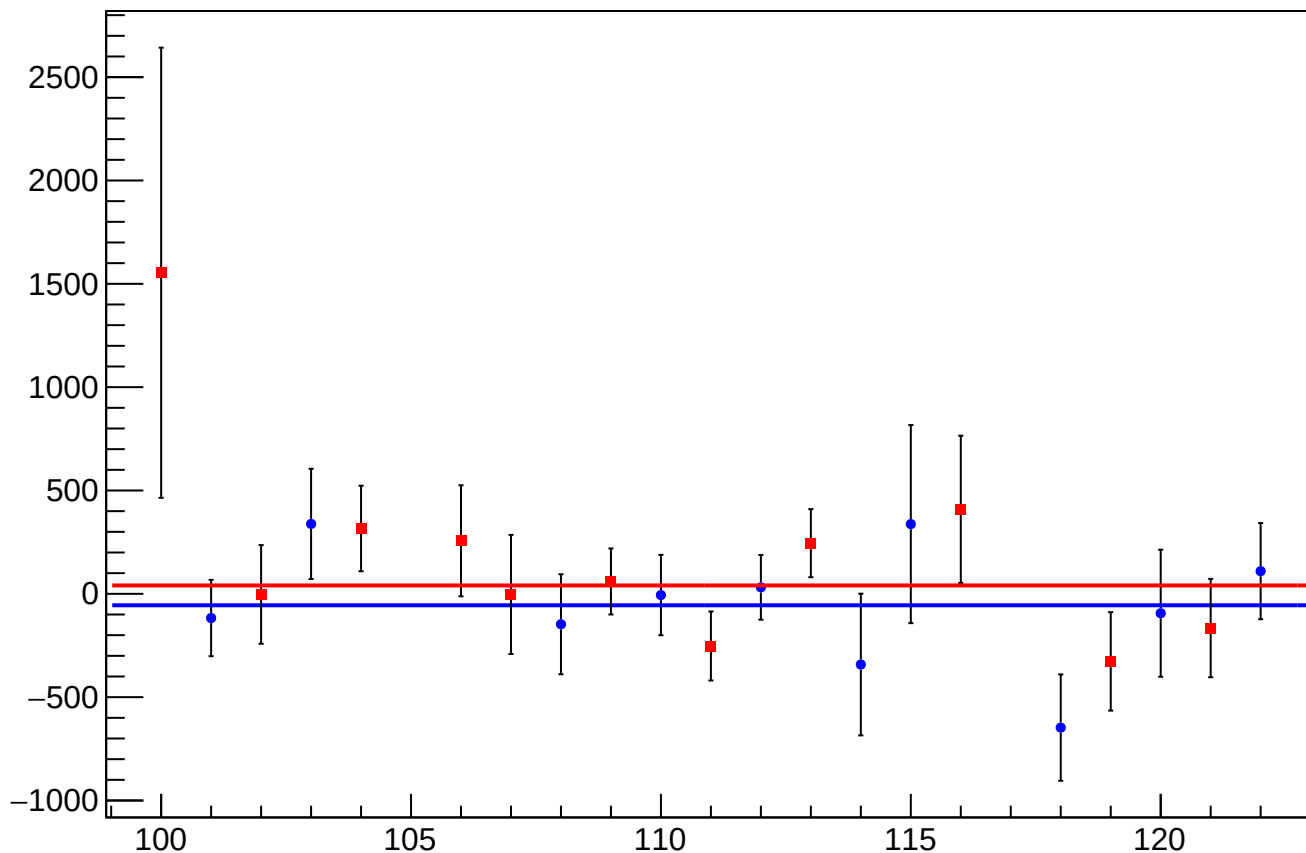
Right: 1115.341+/-0.280 χ^2/NDF : 1275756.6/20

In: 1158.946+/-0.422 χ^2/NDF : 617795.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1115.341+/-0.280 χ^2/NDF : 1275756.6/20

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: 40.567+/-67.017 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

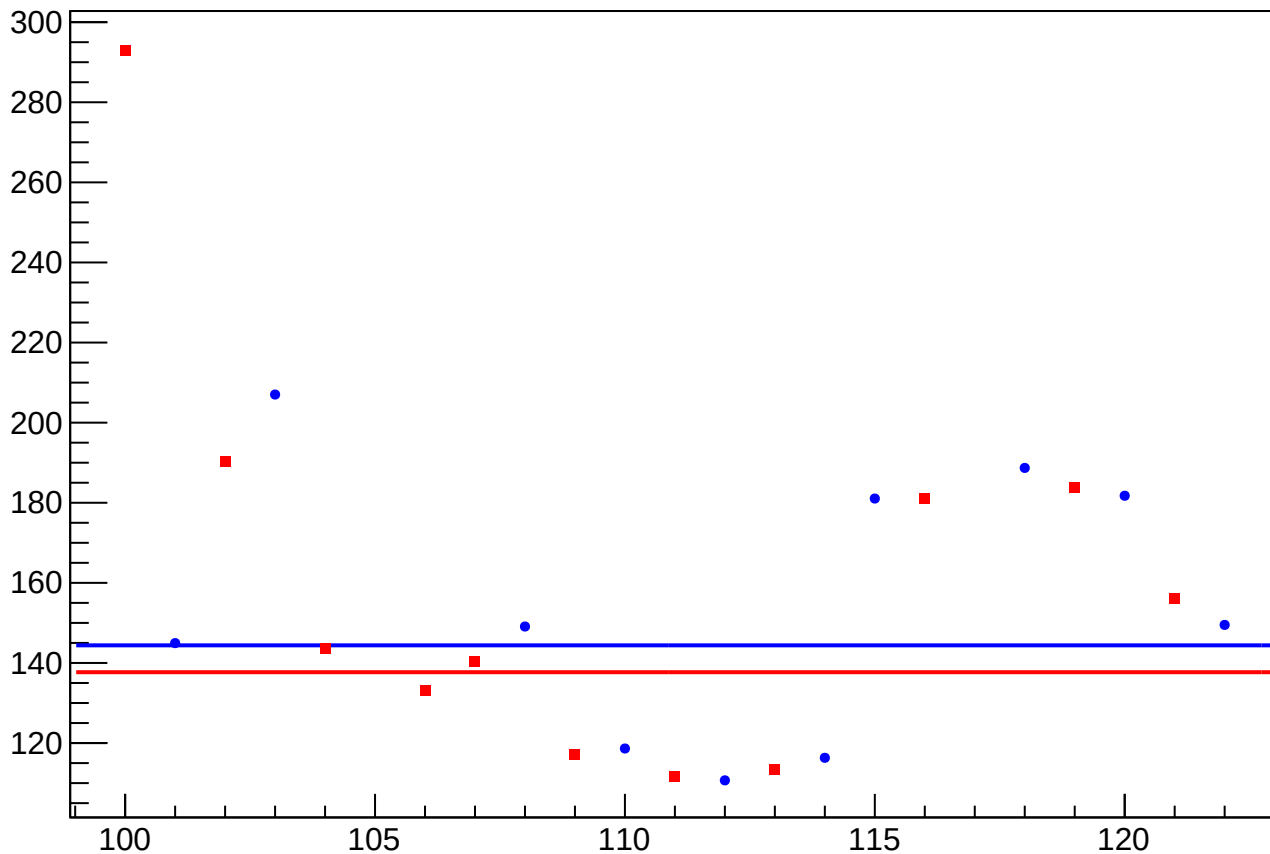
Right: -2.934+/-49.546 χ^2/NDF : 24.2/20

In: -55.370+/-73.577 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.934+/-49.546 χ^2/NDF : 24.2/20

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 144.400+/-0.052 χ^2/NDF : 353915.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.693+/-0.047 χ^2/NDF : 382218.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

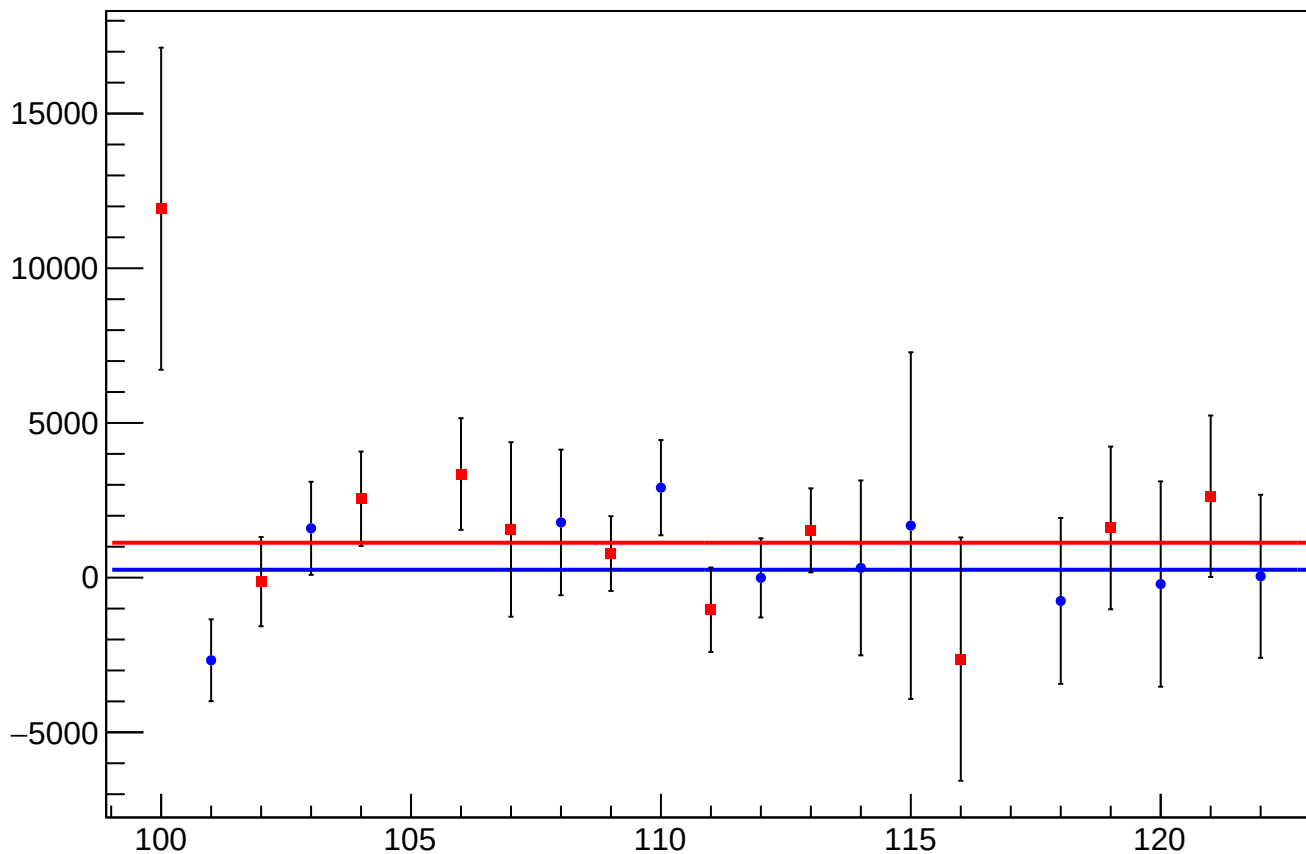
Right: 140.734+/-0.035 χ^2/NDF : 745217.3/20

In: 144.400+/-0.052 χ^2/NDF : 353915.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.734+/-0.035 χ^2/NDF : 745217.3/20

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 254.322+/-602.215 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1129.029+/-534.554 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

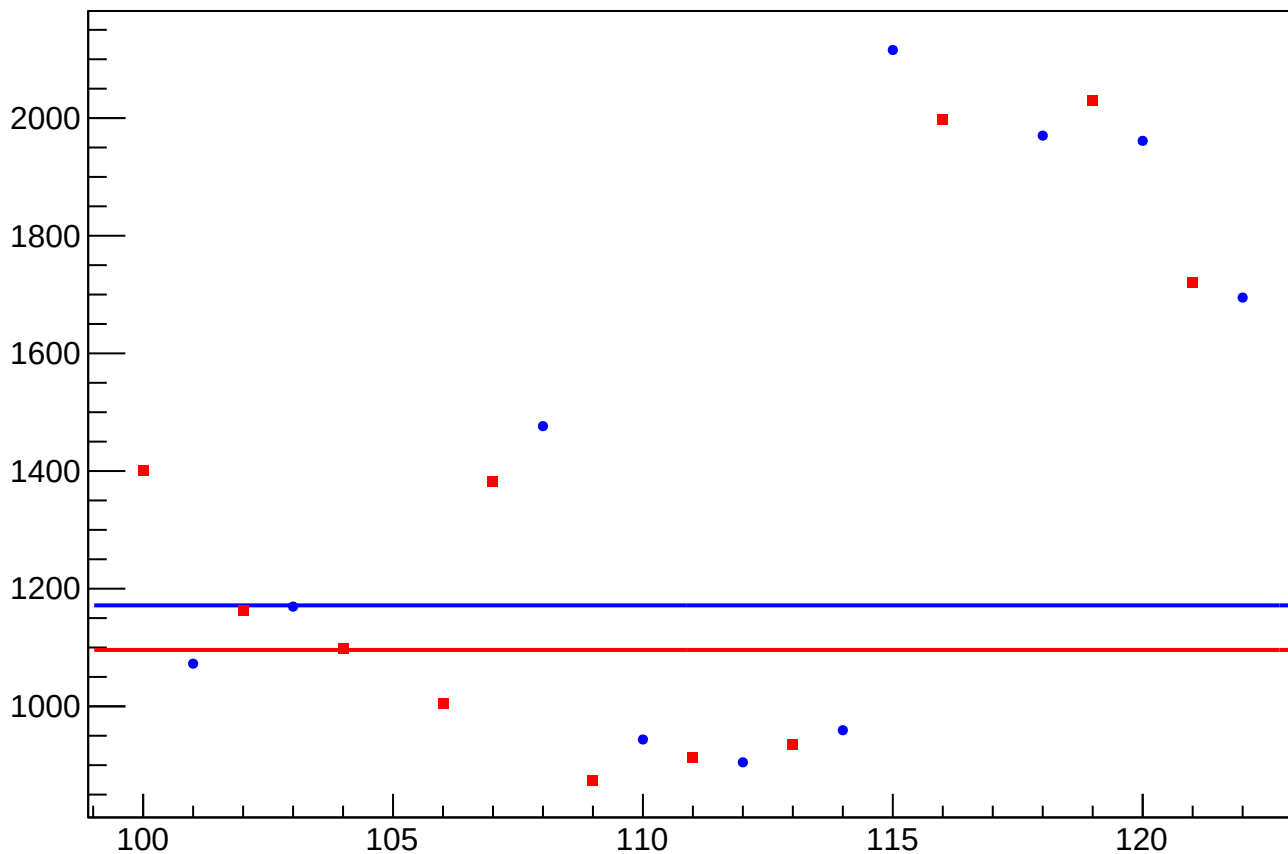
Right: 743.555+/-399.777 χ^2/NDF : 22.0/20

In: 254.322+/-602.215 χ^2/NDF :9.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 743.555+/-399.777 χ^2/NDF : 22.0/20

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: 1095.868+/-0.378 χ^2/NDF : 639611.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

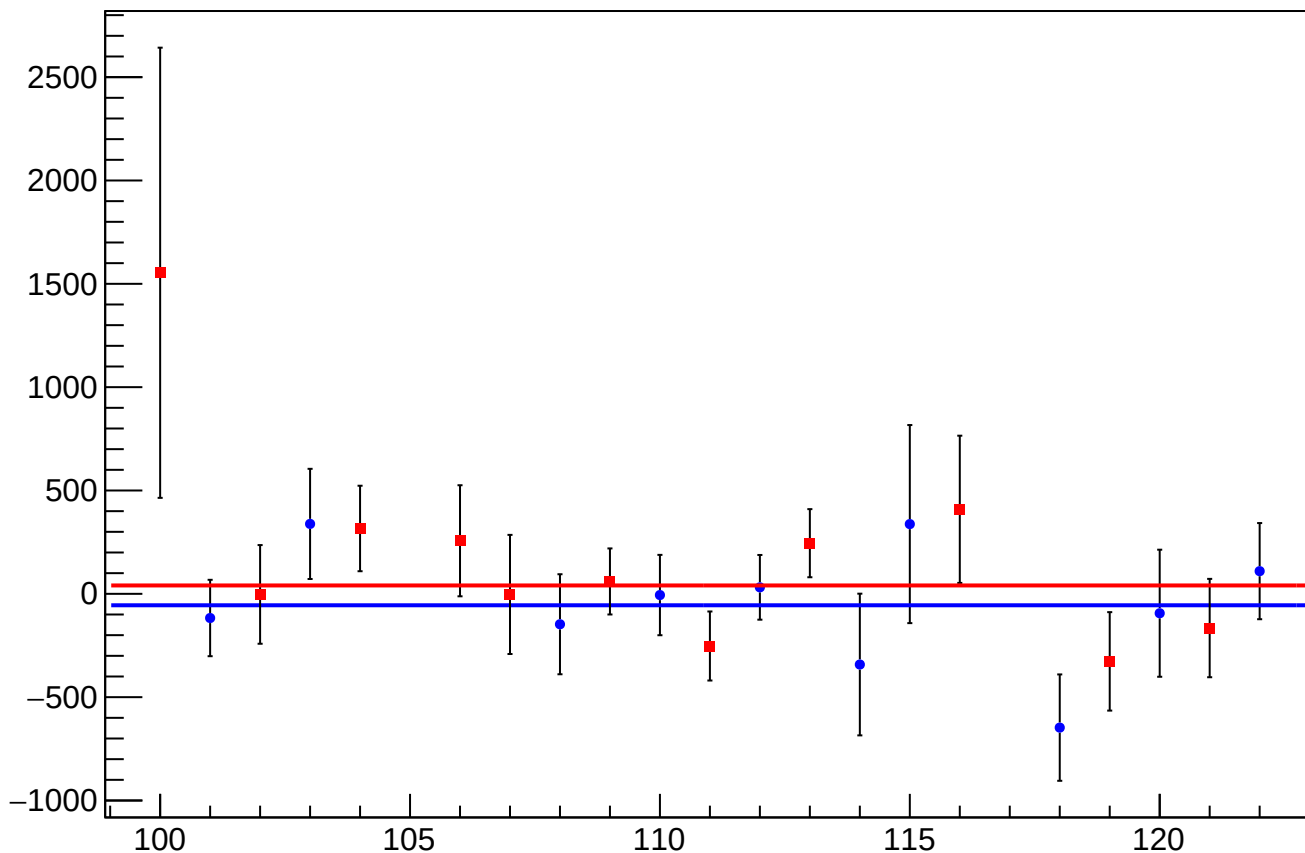
Right: 1129.257+/-0.283 χ^2/NDF : 1270477.0/20

In: 1171.633+/-0.426 χ^2/NDF : 613159.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1129.257+/-0.283 χ^2/NDF : 1270477.0/20

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: 40.566+/-67.017 χ^2/NDF : 13.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

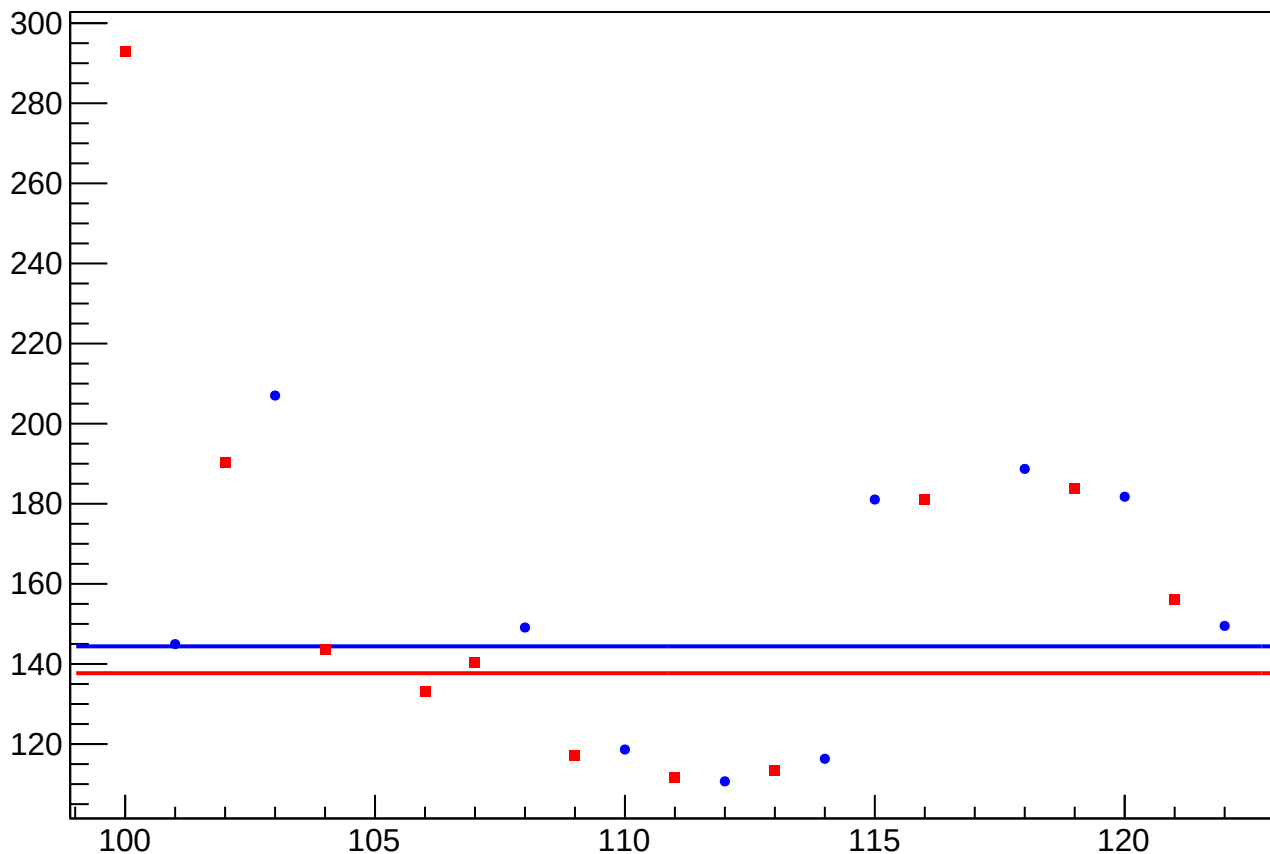
Right: -2.935+/-49.546 χ^2/NDF : 24.2/20

In: -55.370+/-73.577 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.935+/-49.546 χ^2/NDF : 24.2/20

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: 137.693+/-0.047 χ^2/NDF : 382220.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

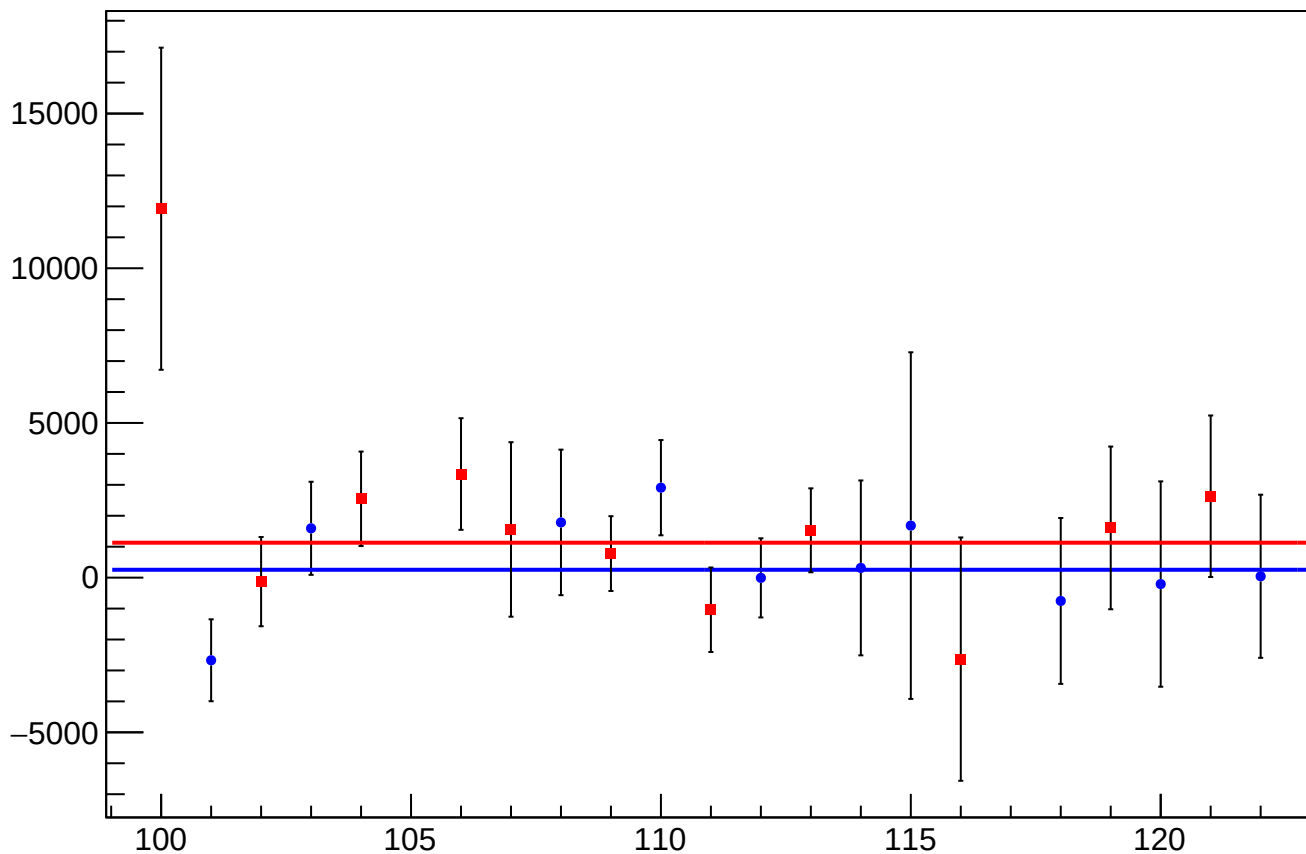
Right: 140.734+/-0.035 χ^2/NDF : 745224.5/20

In: 144.400+/-0.052 χ^2/NDF : 353920.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.734+/-0.035 χ^2/NDF : 745224.5/20

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 254.322+/-602.215 χ^2/NDF : 9.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.028+/-534.553 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

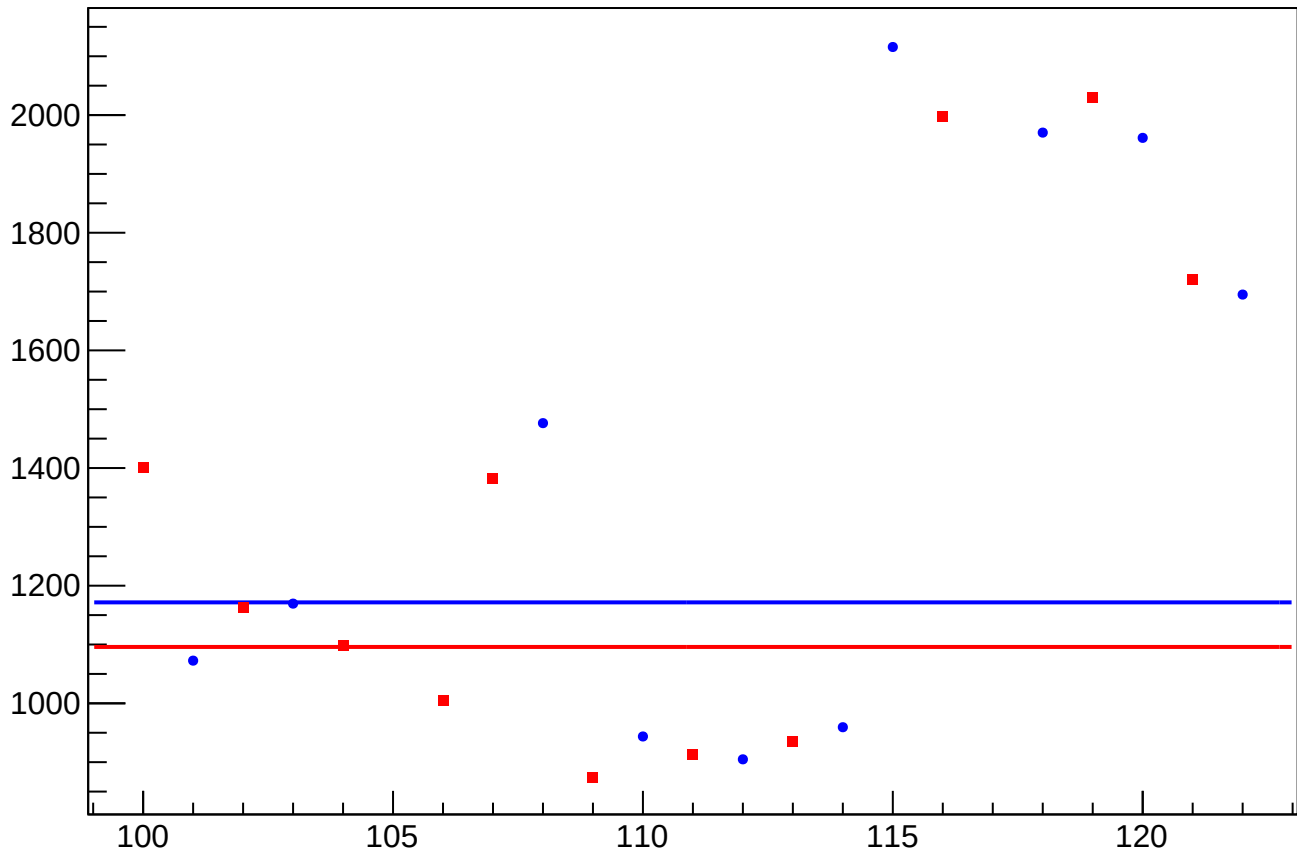
Right: 743.554+/-399.777 χ^2/NDF : 22.0/20

In: 254.322+/-602.215 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.554+/-399.777 χ^2/NDF : 22.0/20

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: 1095.867+/-0.378 χ^2/NDF : 639614.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

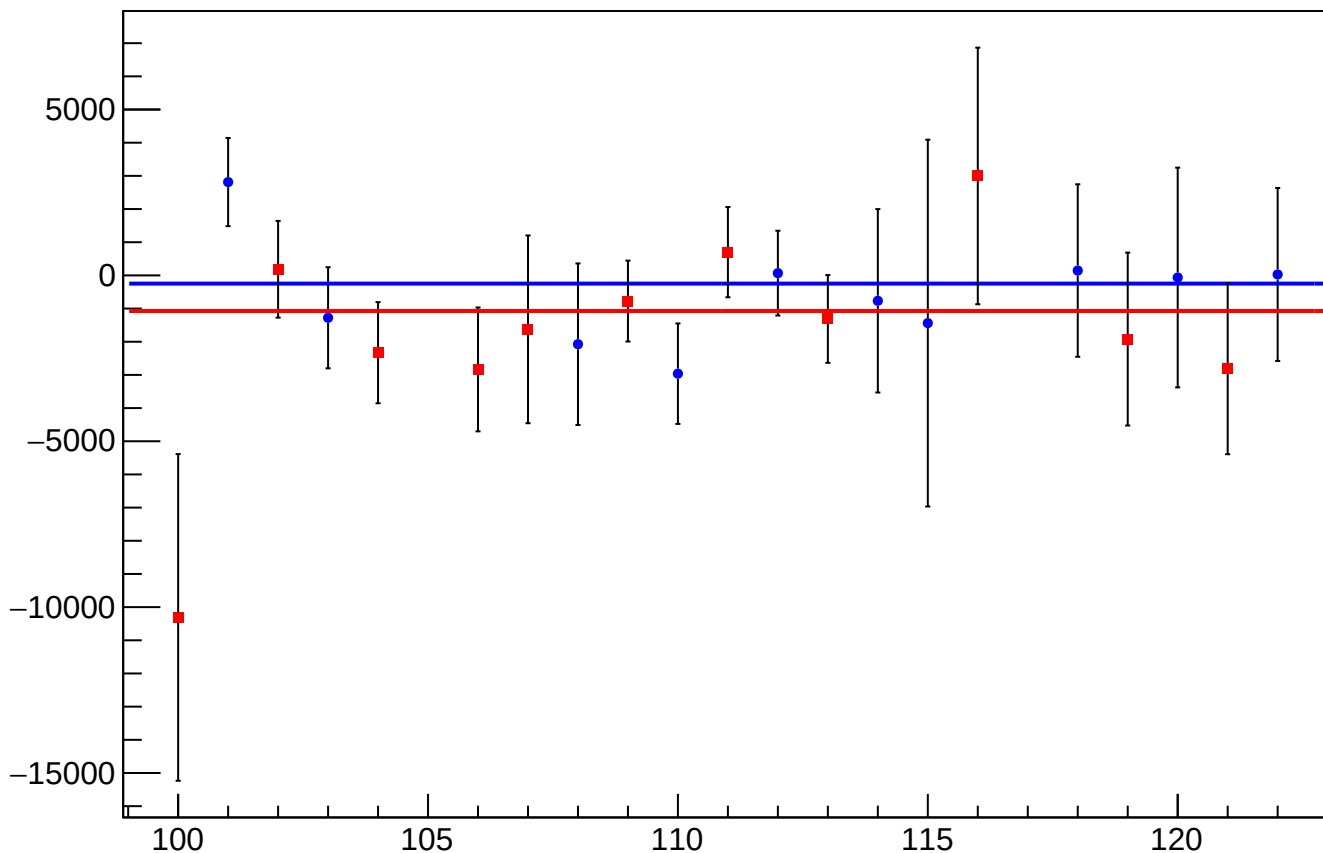
Right: 1129.256+/-0.283 χ^2/NDF : 1270481.9/20

In: 1171.632+/-0.426 χ^2/NDF : 613161.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1129.256+/-0.283 χ^2/NDF : 1270481.9/20

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: -1073.039+/-534.218 χ^2/NDF : 9.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

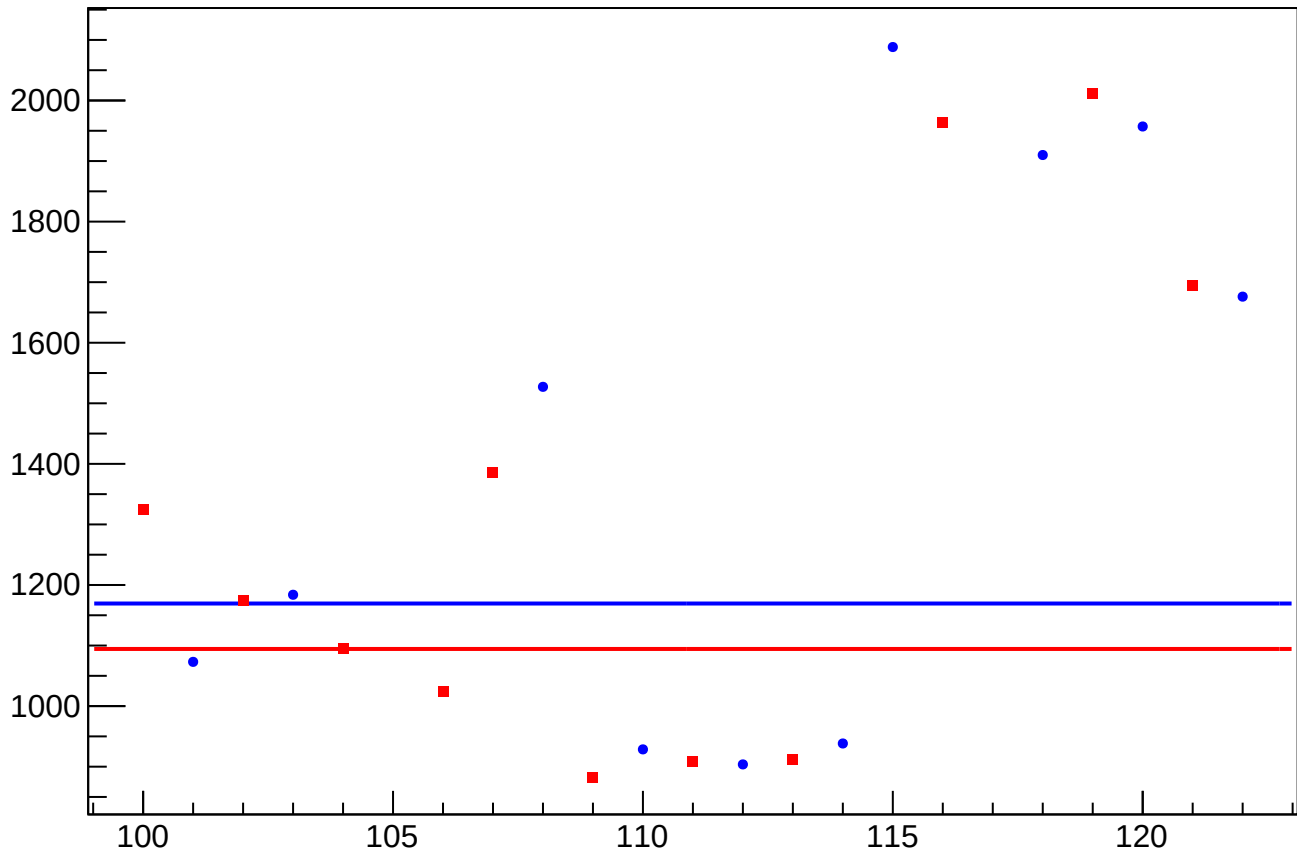
Right: -709.091+/-399.432 χ^2/NDF : 20.1/20

In: -247.671+/-601.516 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -709.091+/-399.432 χ^2/NDF : 20.1/20

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1169.402+/-0.425 χ^2/NDF : 611072.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1094.368+/-0.378 χ^2/NDF : 627873.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

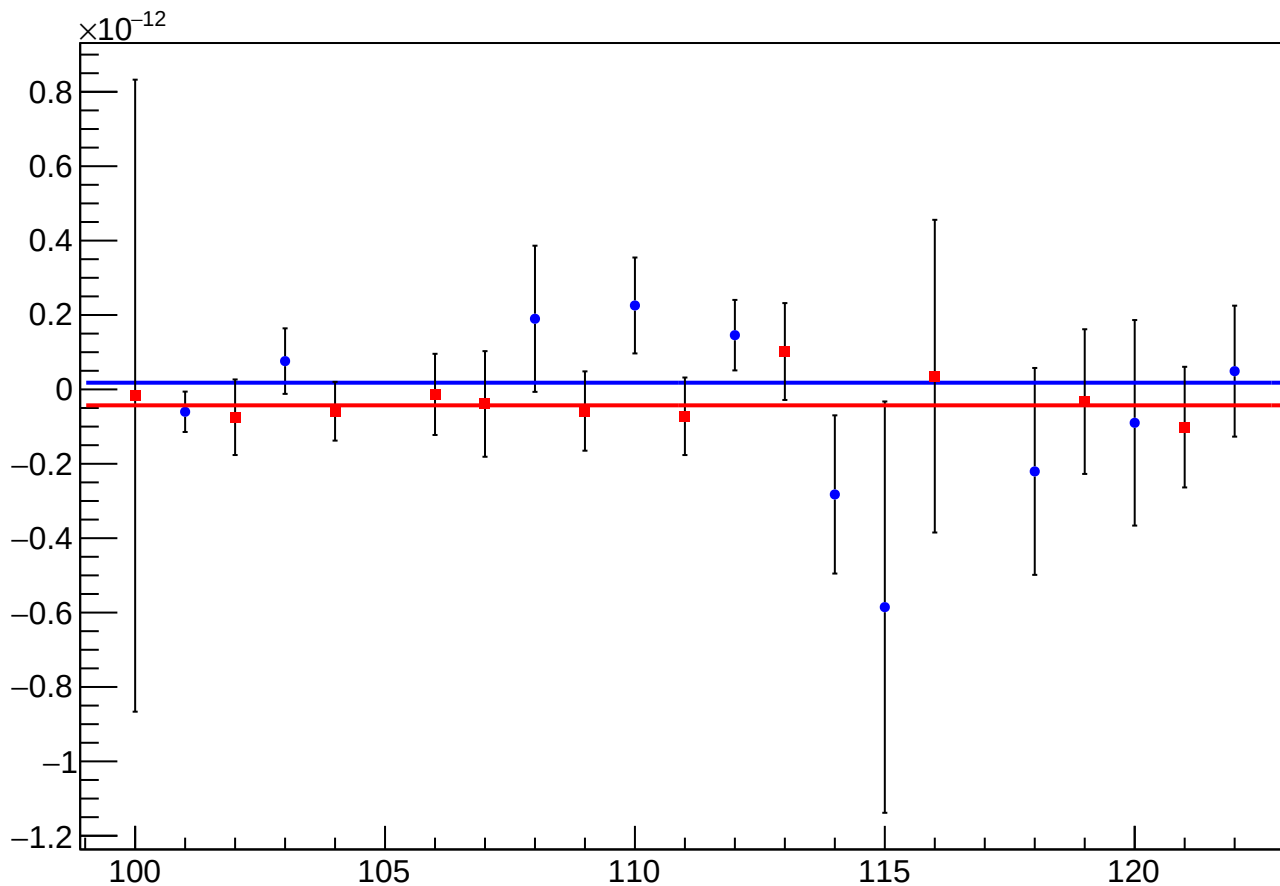
Right: 1127.455+/-0.282 χ^2/NDF : 1256344.0/20

In: 1169.402+/-0.425 χ^2/NDF : 611072.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.455+/-0.282 χ^2/NDF : 1256344.0/20

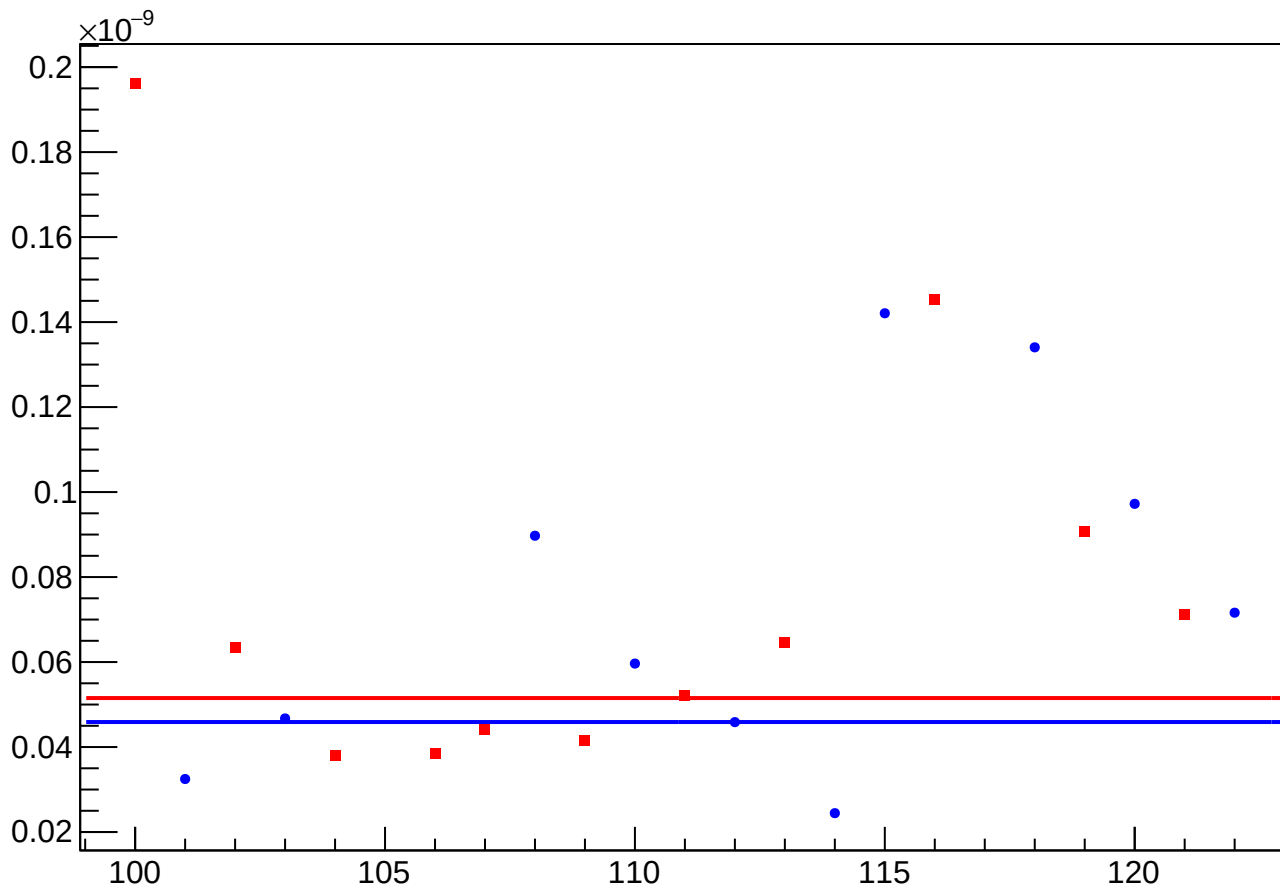
asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 1.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 14.9/20
 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 : 14.9/20

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 : 425607.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

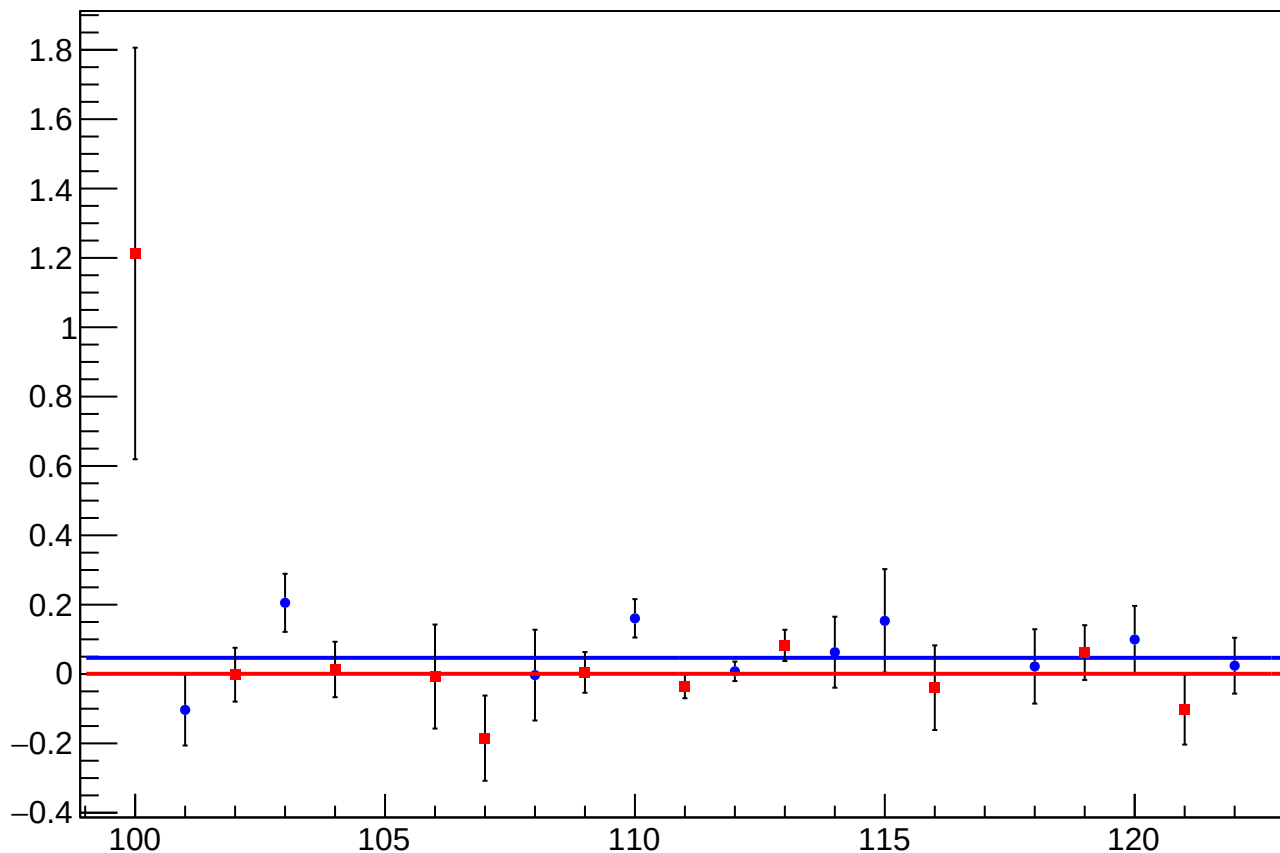
Right: 0.000+/-0.000 χ^2/NDF : 1087017.3/20

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 : 1087017.3/20

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: 0.001+/-0.020 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

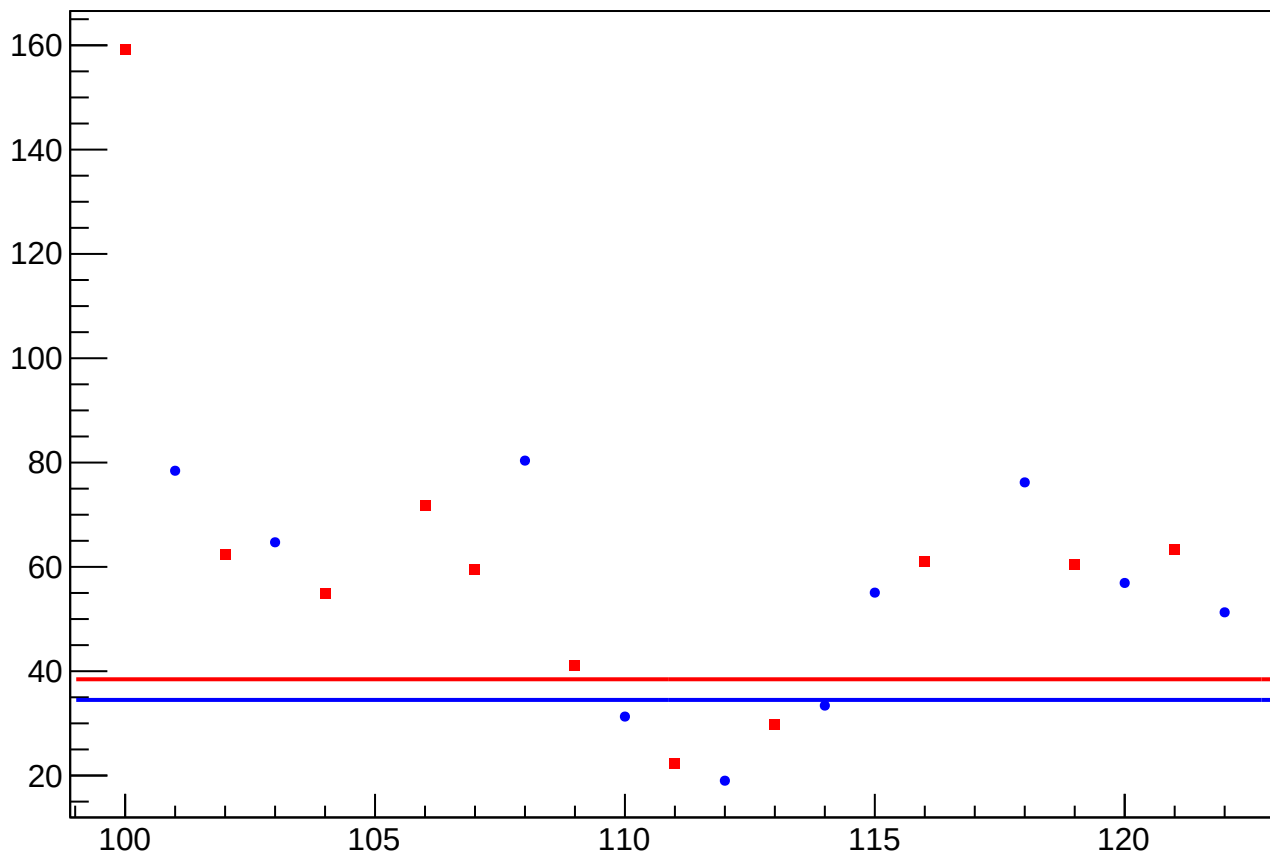
Right: 0.024+/-0.014 χ^2/NDF : 28.1/20

In: 0.047+/-0.021 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.014 χ^2/NDF : 28.1/20

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: 38.452+/-0.014 χ^2/NDF : 1384430.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

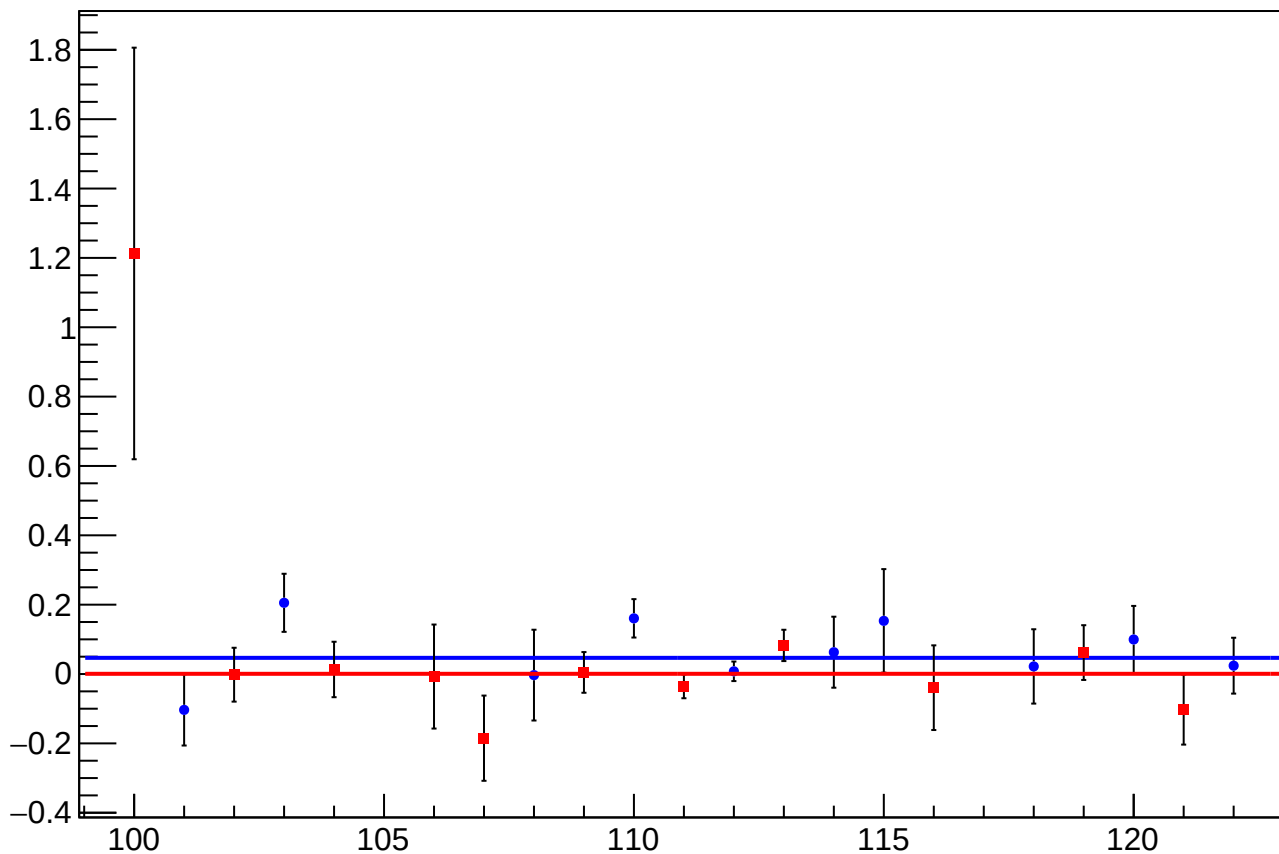
Right: 36.481+/-0.010 χ^2/NDF : 3440858.7/20

In: 34.494+/-0.015 χ^2/NDF :2019133.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.481+/-0.010 χ^2/NDF : 3440858.7/20

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: 0.001+/-0.020 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

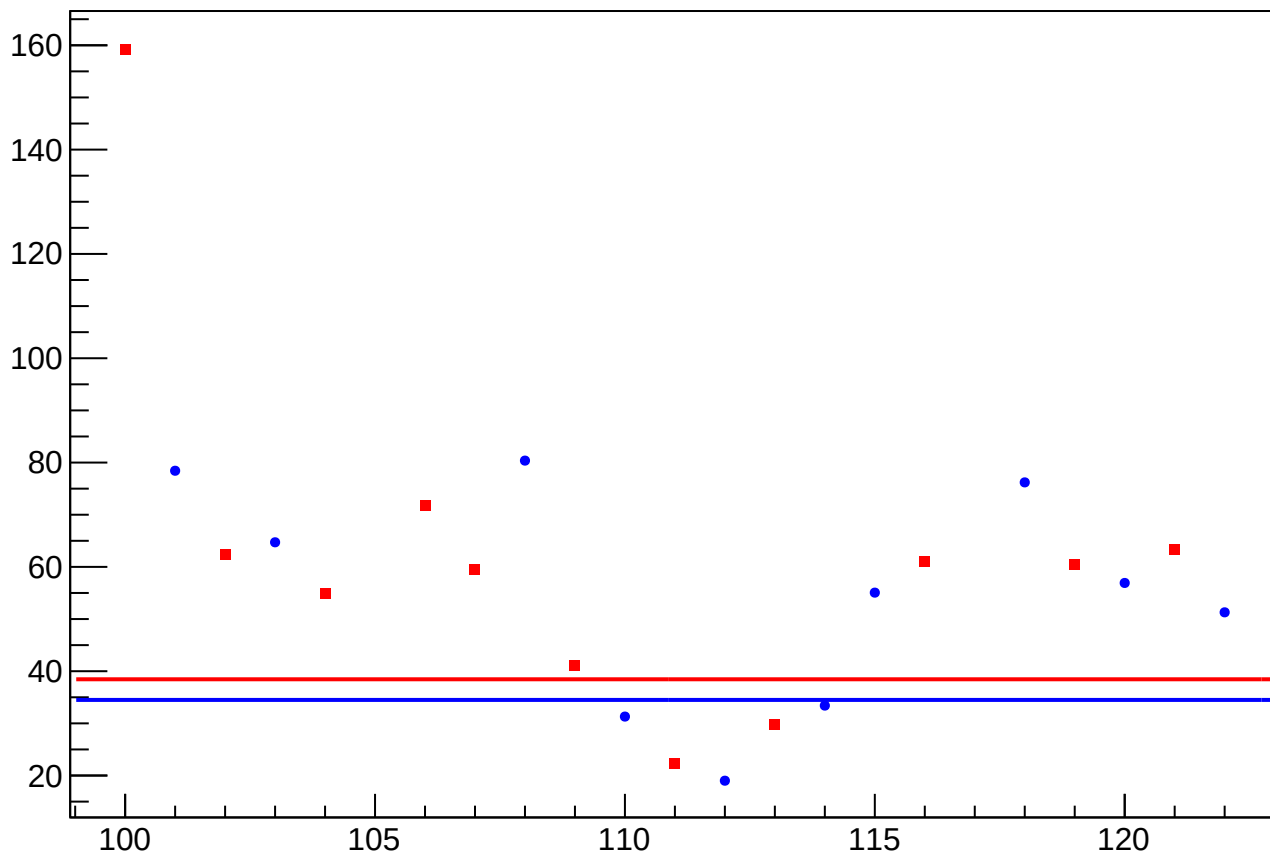
Right: 0.024+/-0.014 χ^2/NDF : 28.1/20

In: 0.047+/-0.021 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.014 χ^2/NDF : 28.1/20

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: 38.452+/-0.014 χ^2/NDF : 1384430.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

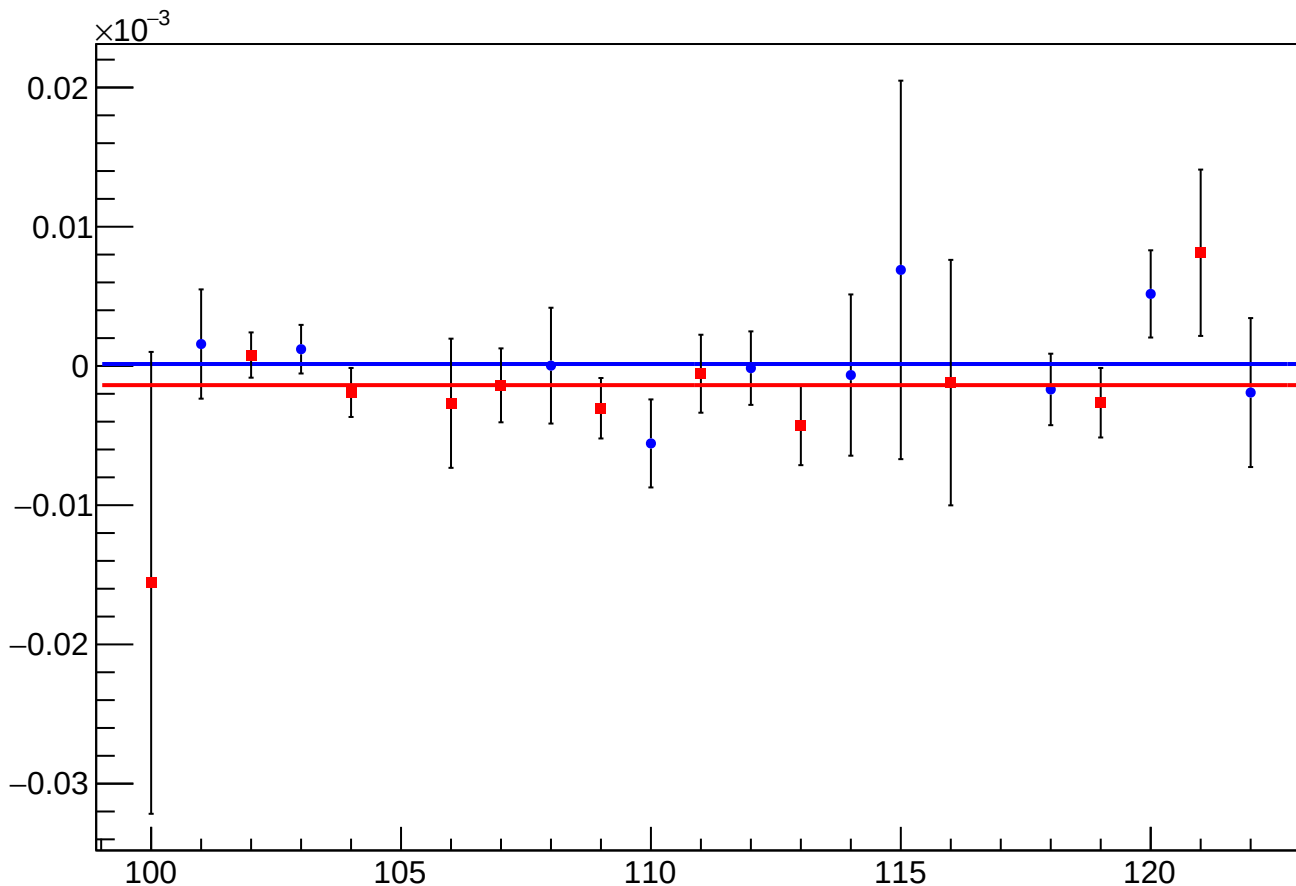
Right: 36.481+/-0.010 χ^2/NDF : 3440858.7/20

In: 34.494+/-0.015 χ^2/NDF :2019133.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.481+/-0.010 χ^2/NDF : 3440858.7/20

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 : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

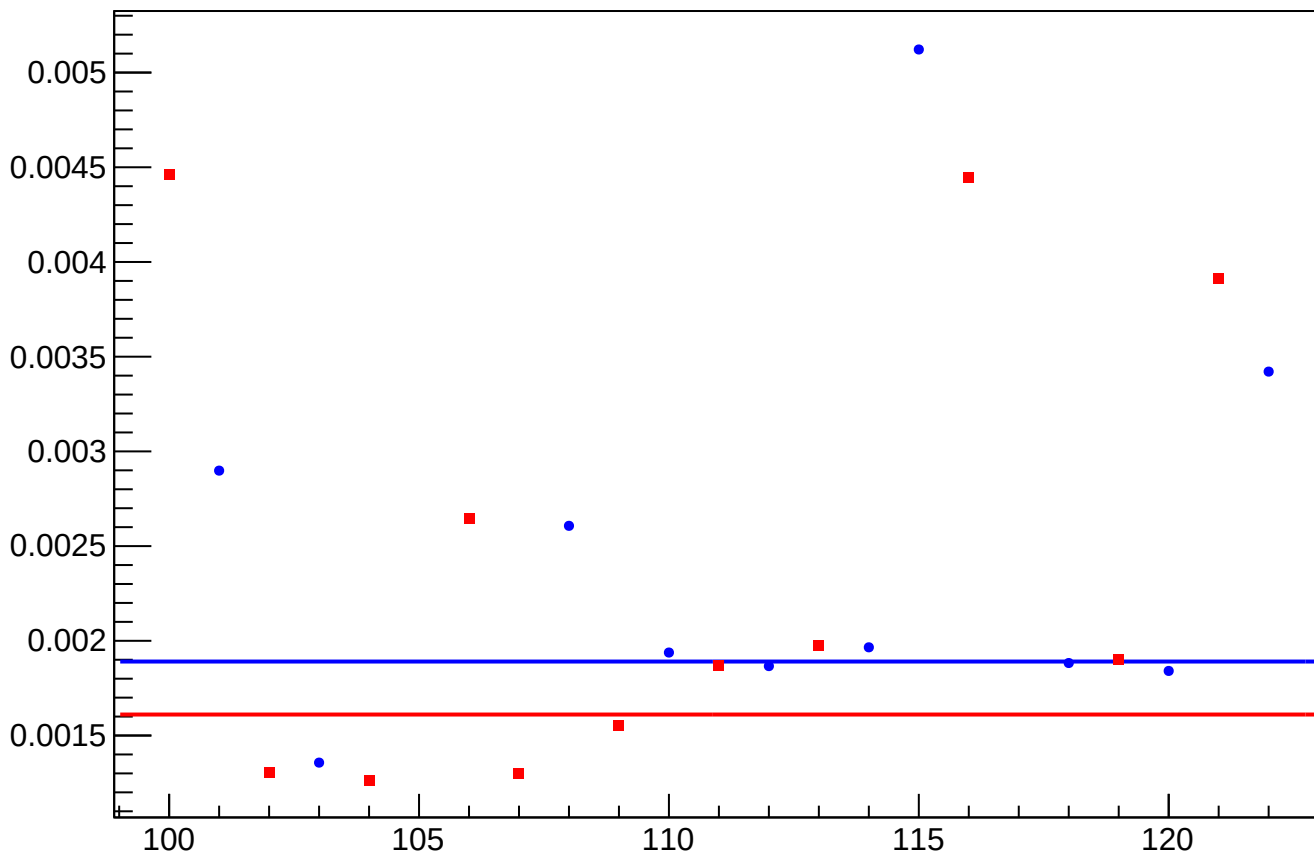
Right: -0.000+/-0.000 χ^2/NDF : 15.8/20

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 : 15.8/20

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 : 916858.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

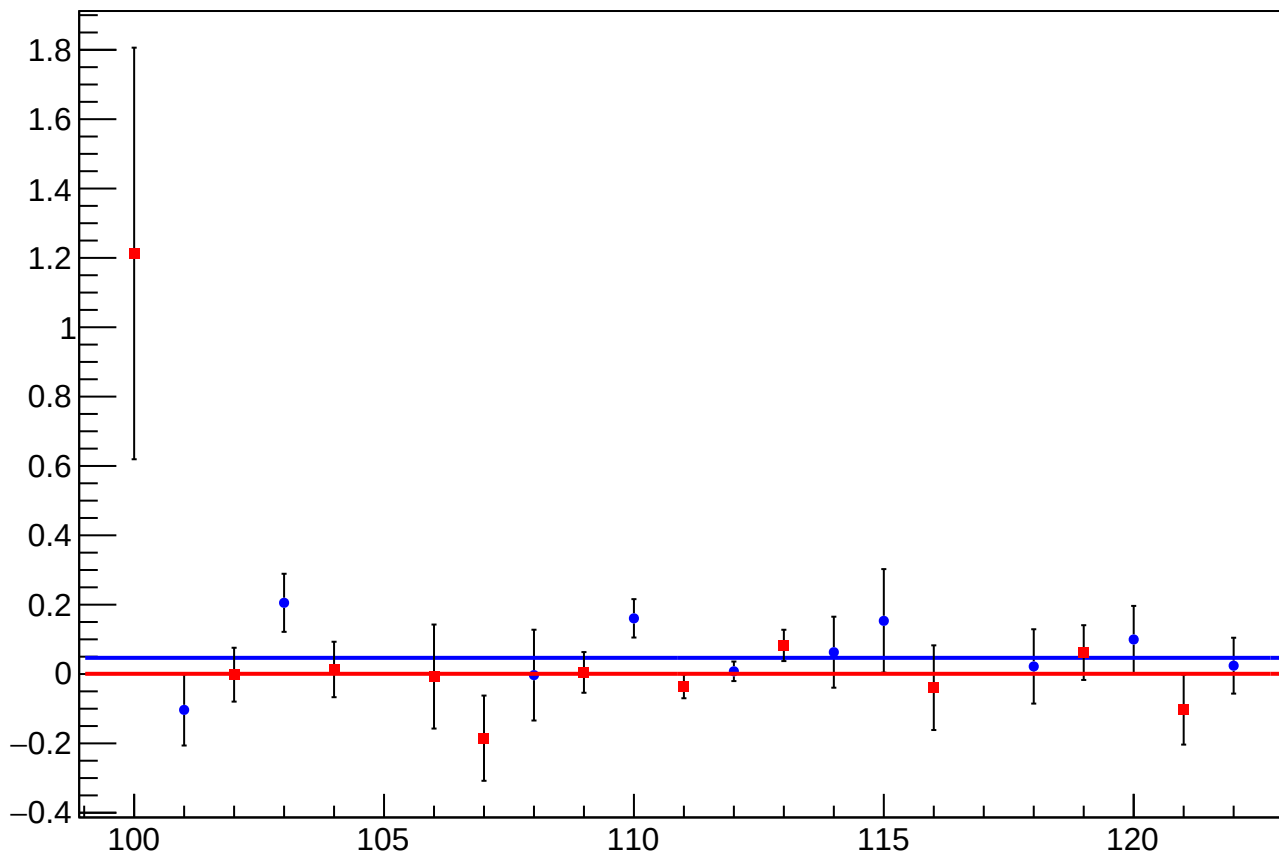
Right: 0.002+/-0.000 χ^2/NDF : 1669609.8/20

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 : 1669609.8/20

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.021 χ^2 /NDF: 13.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.020 χ^2 /NDF: 12.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

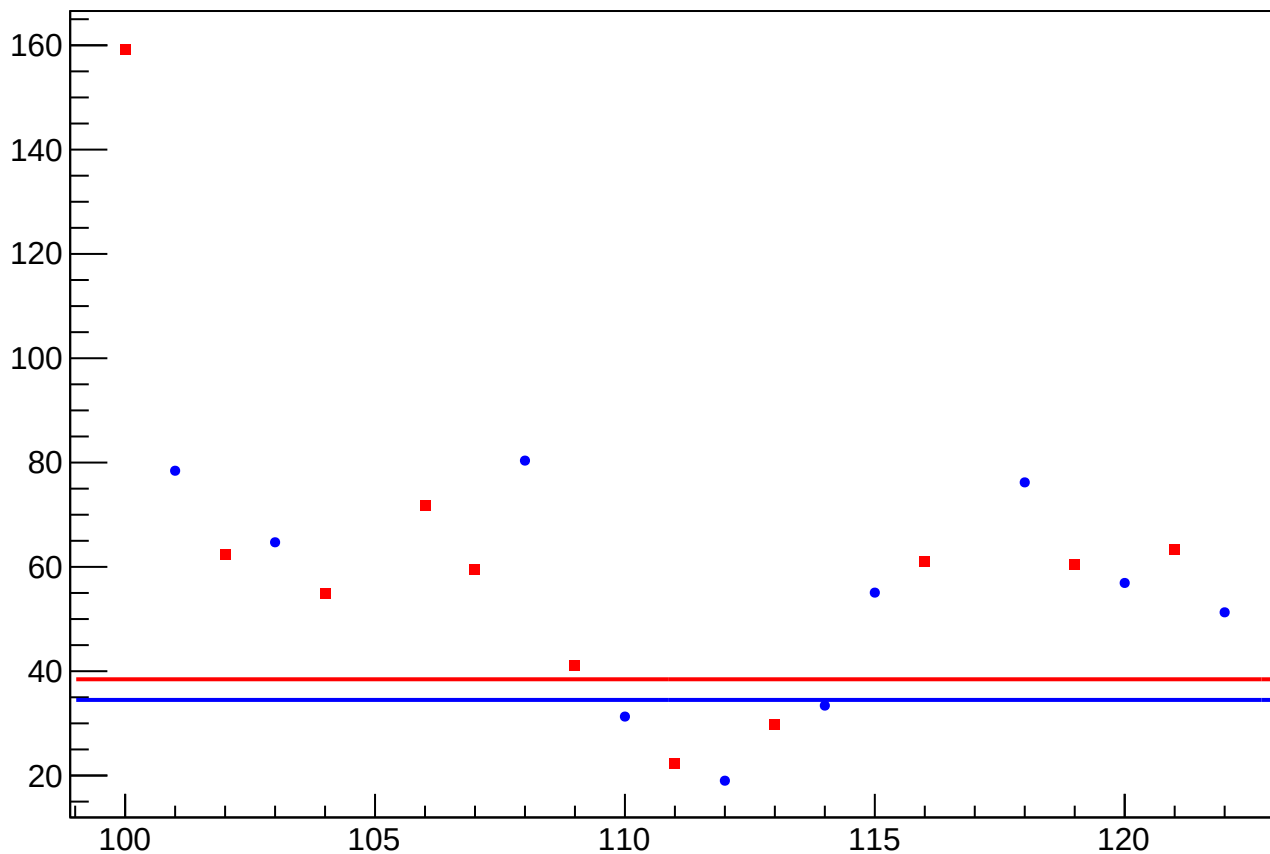
Right: 0.024 $\pm$ 0.014 χ^2 /NDF: 28.1/20

In: 0.047 $\pm$ 0.021 χ^2 /NDF:13.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.014 χ^2 /NDF: 28.1/20

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: 38.451+/-0.014 χ^2/NDF : 1384537.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

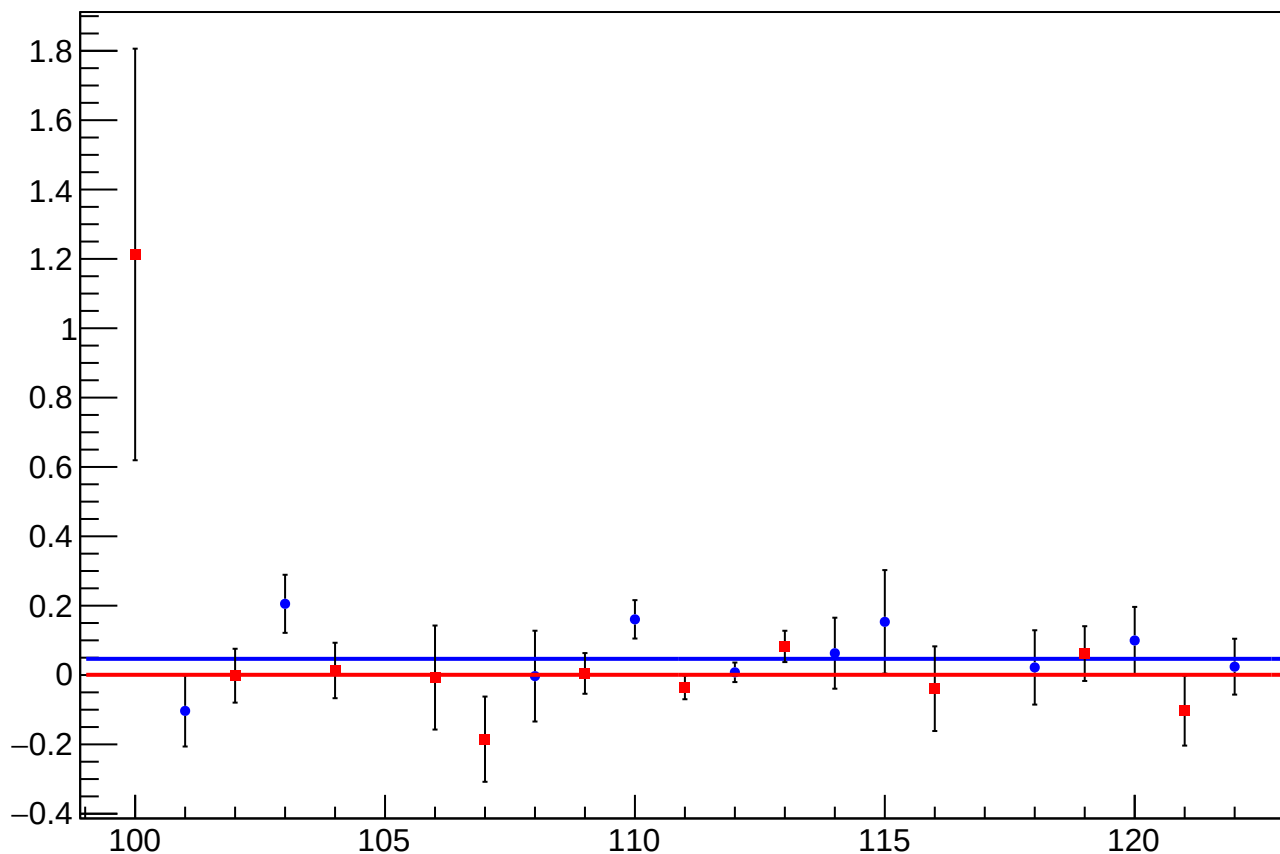
Right: 36.480+/-0.010 χ^2/NDF : 3441074.9/20

In: 34.494+/-0.015 χ^2/NDF :2019241.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.480+/-0.010 χ^2/NDF : 3441074.9/20

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: 0.001+/-0.020 χ^2/NDF : 12.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

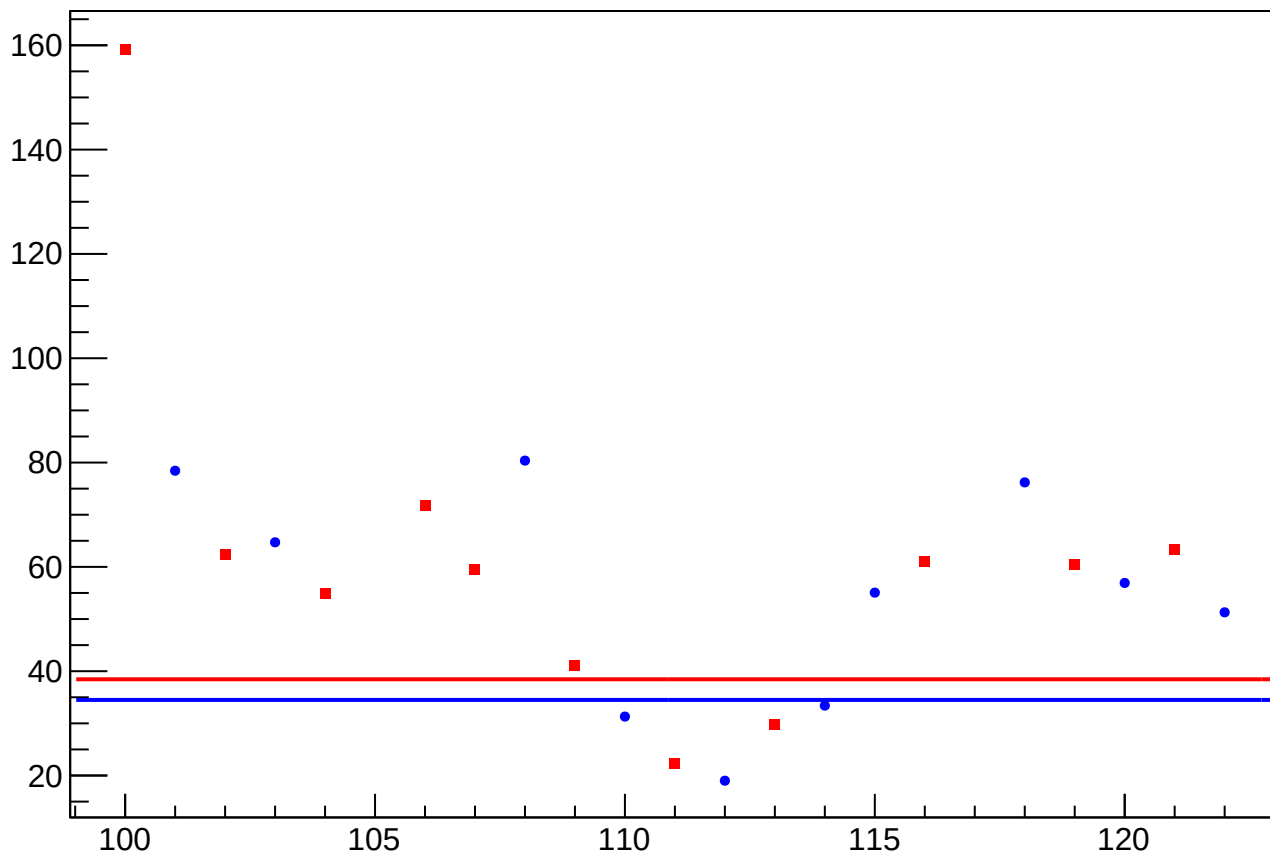
Right: 0.024+/-0.014 χ^2/NDF : 28.1/20

In: 0.047+/-0.021 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.014 χ^2/NDF : 28.1/20

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: 38.451+/-0.014 χ^2/NDF : 1384537.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

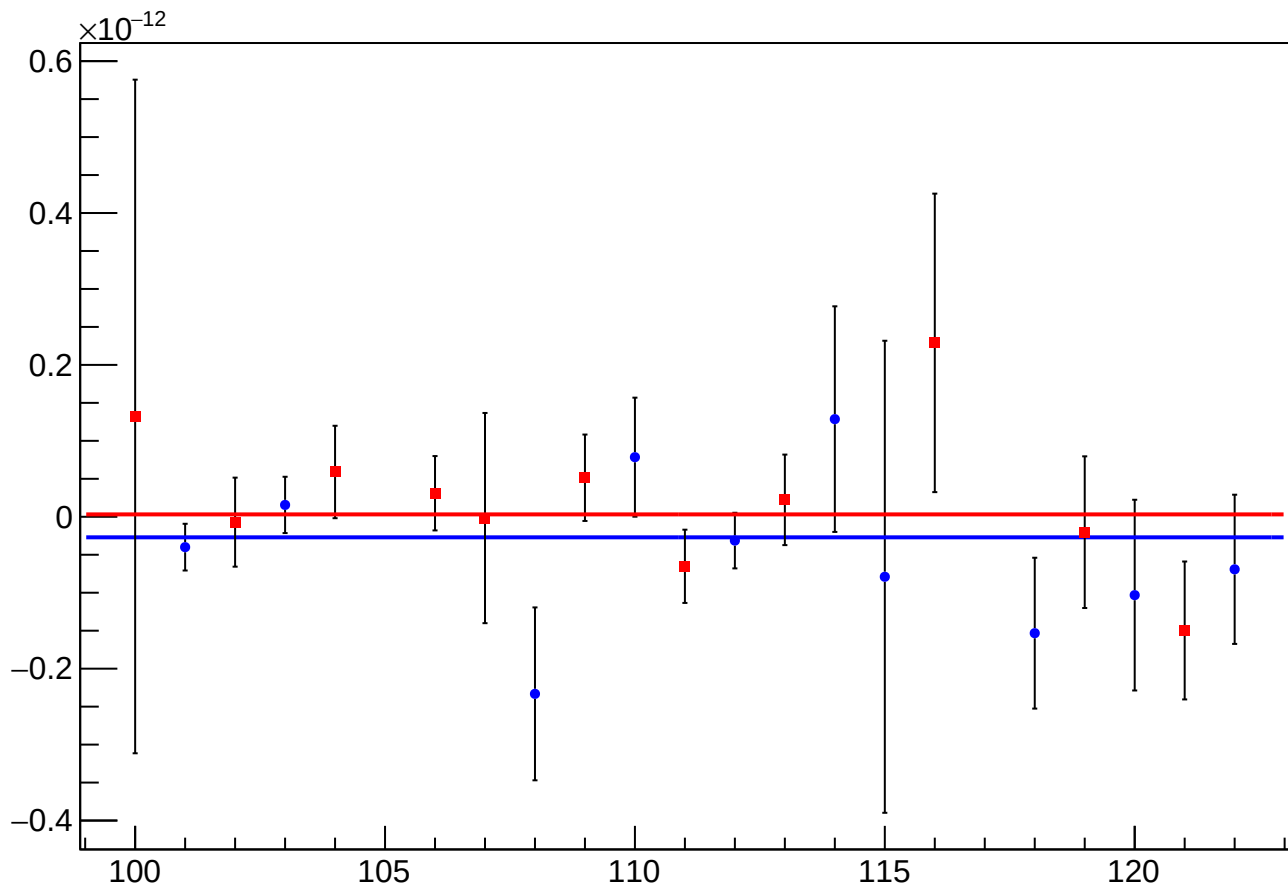
Right: 36.480+/-0.010 χ^2/NDF : 3441074.9/20

In: 34.494+/-0.015 χ^2/NDF :2019241.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.480+/-0.010 χ^2/NDF : 3441074.9/20

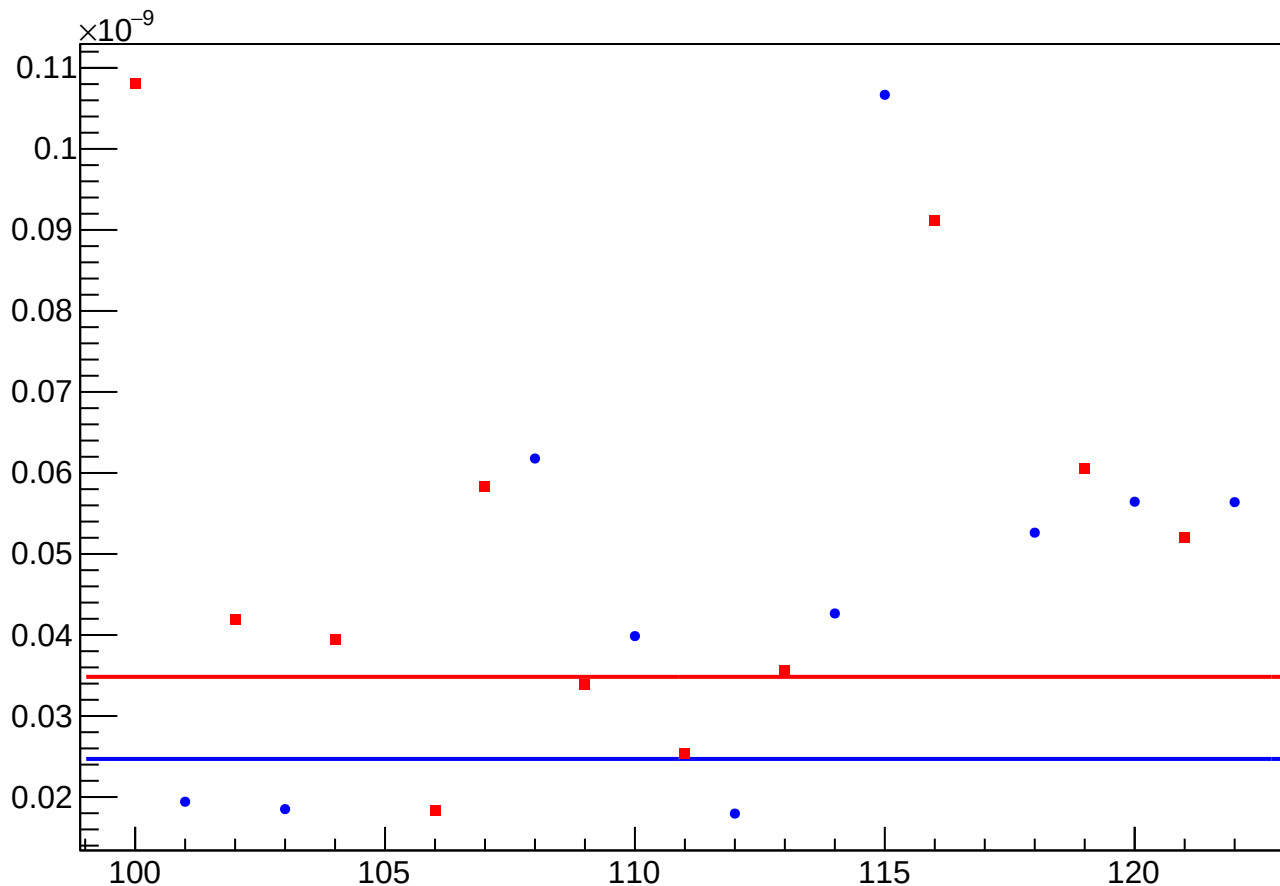
asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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: 8.3/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 19.4/20
 In: -0.000+/-0.000 χ^2 /NDF:9.9/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 19.4/20

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 : 827629.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

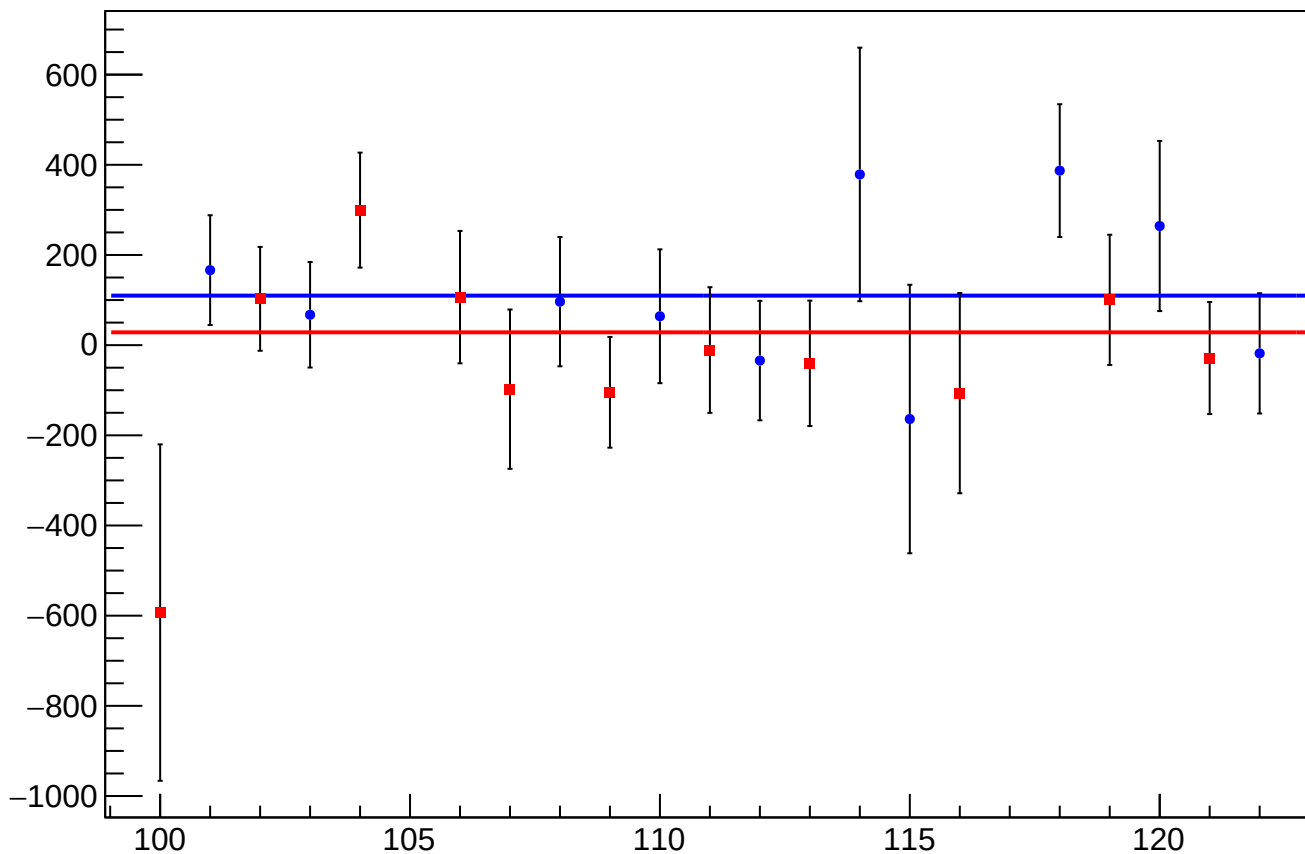
Right: 0.000+/-0.000 χ^2/NDF : 2231191.2/20

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 : 2231191.2/20

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 109.839+/-47.357 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.441+/-43.645 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

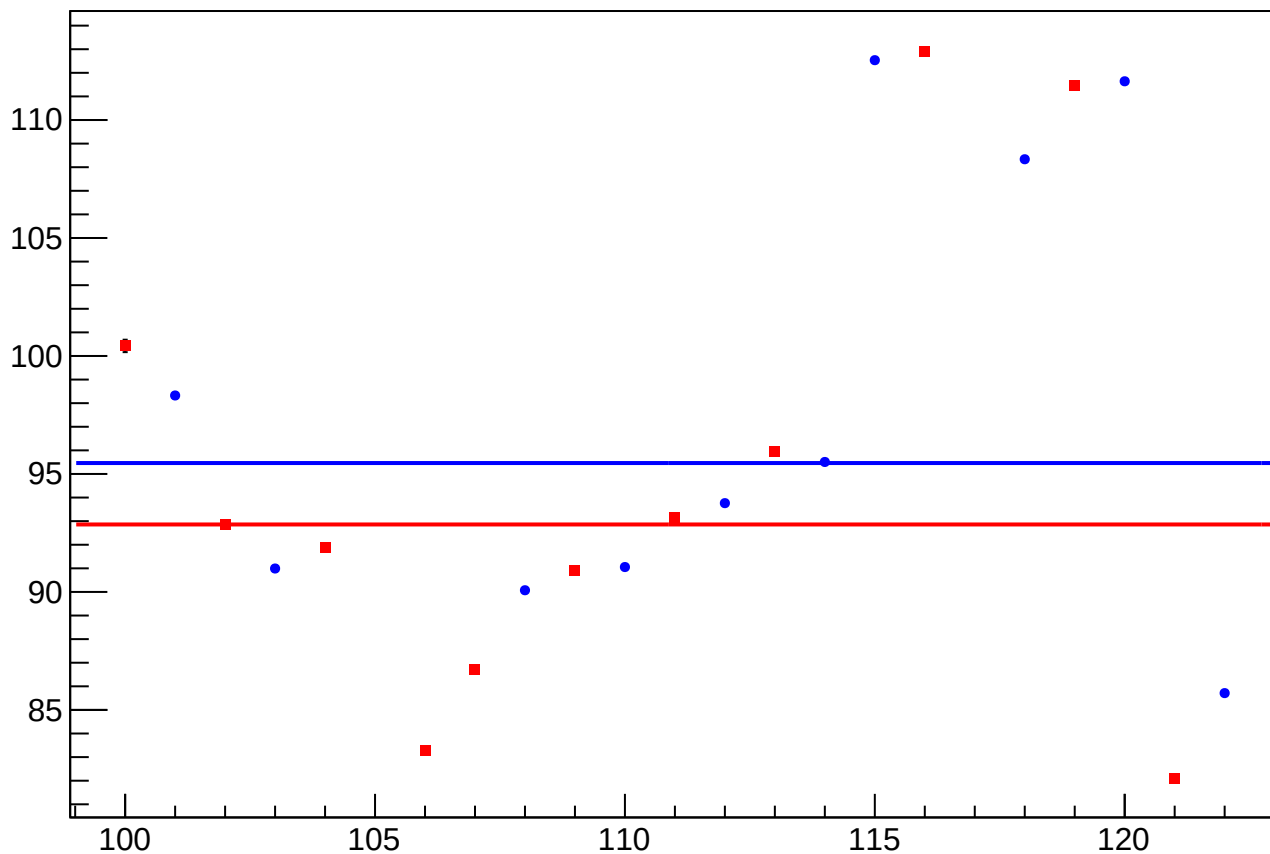
Right: 65.825+/-32.094 χ^2/NDF : 21.0/20

In: 109.839+/-47.357 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.825+/-32.094 χ^2/NDF : 21.0/20

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: 92.859+/-0.031 χ^2/NDF : 77934.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

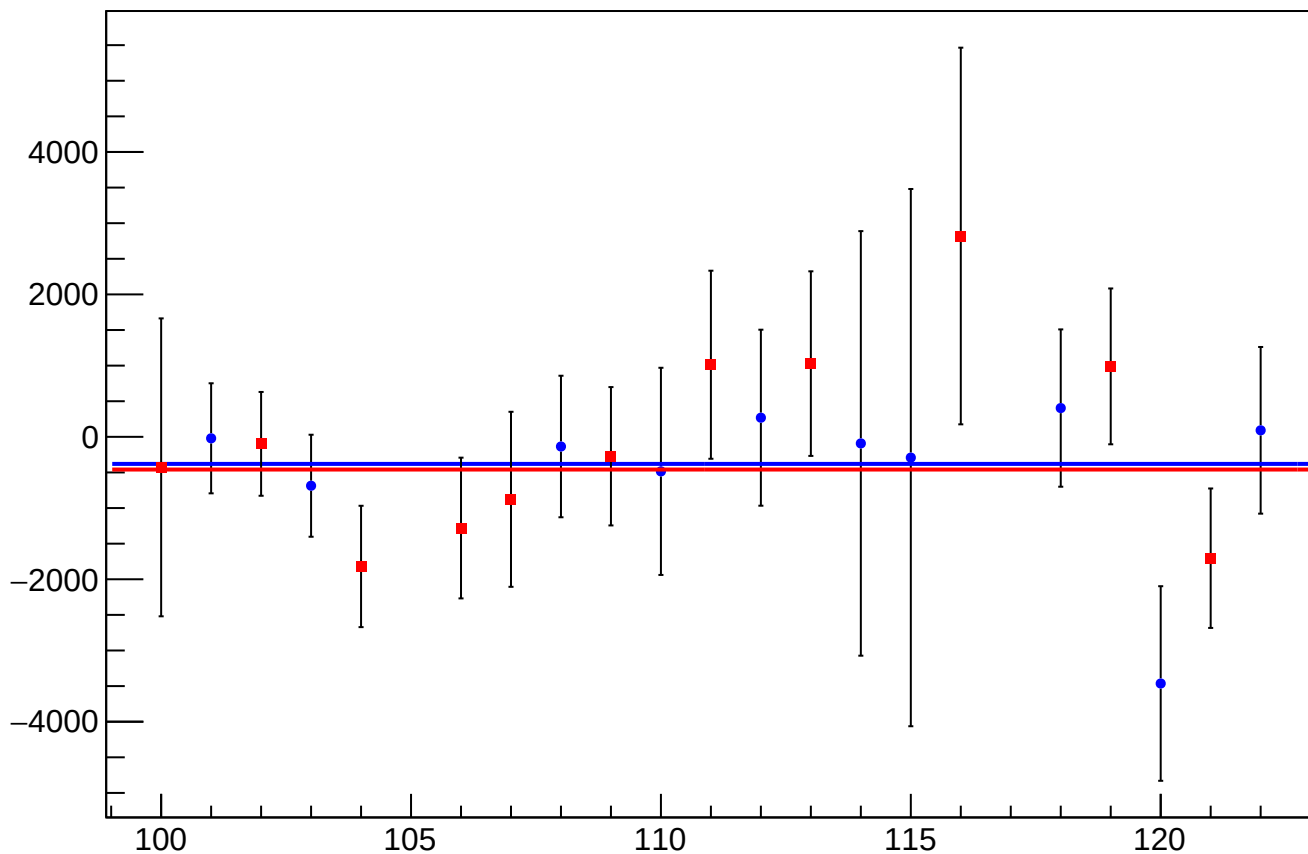
Right: 94.055+/-0.023 χ^2/NDF : 137404.9/20

In: 95.463+/-0.033 χ^2/NDF : 56202.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.055+/-0.023 χ^2/NDF : 137404.9/20

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -379.985 ± 352.821 χ^2/NDF : 6.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -459.140 ± 325.717 χ^2/NDF : 11.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

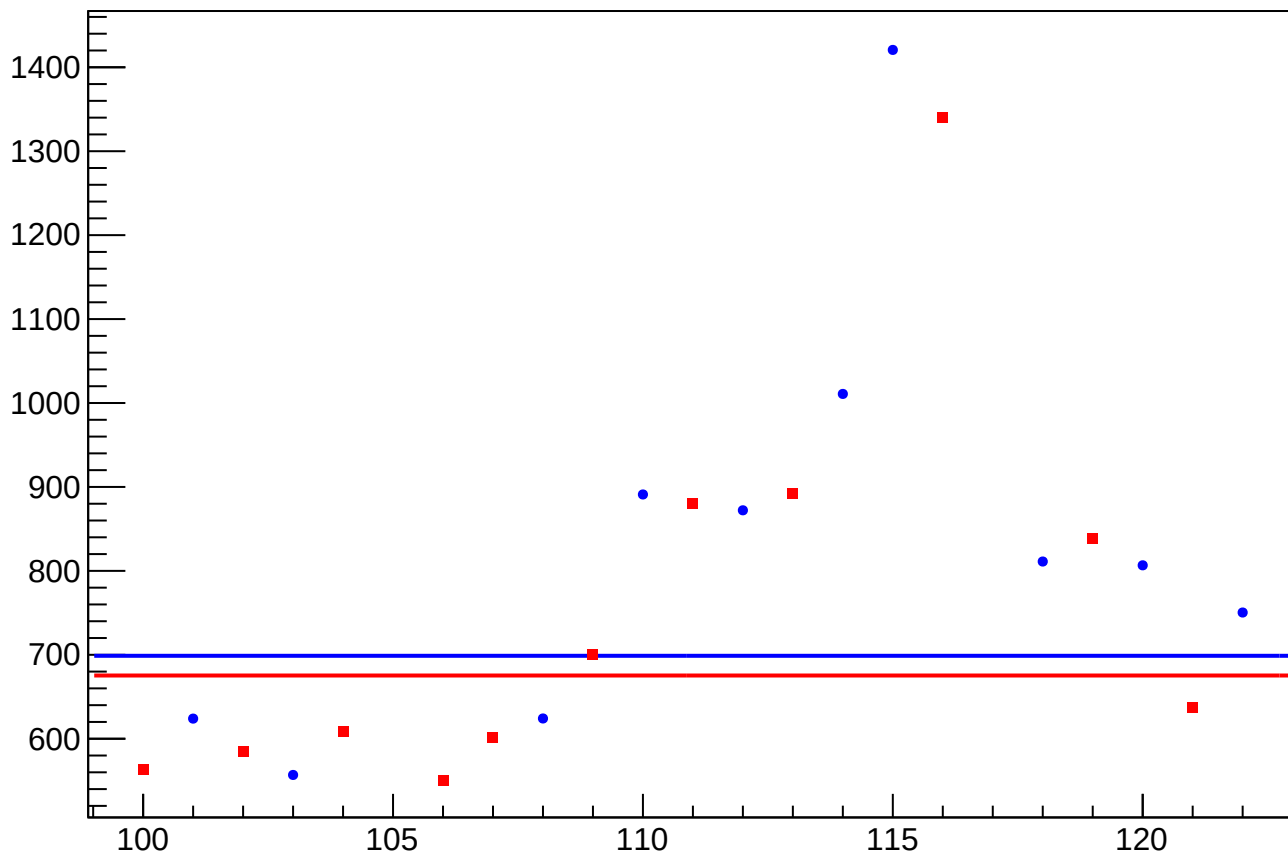
Right: -422.719 ± 239.326 χ^2/NDF : 17.6/20

In: -379.985 ± 352.821 χ^2/NDF : 6.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -422.719 ± 239.326 χ^2/NDF : 17.6/20

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: 675.335+/-0.230 χ^2/NDF : 366465.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

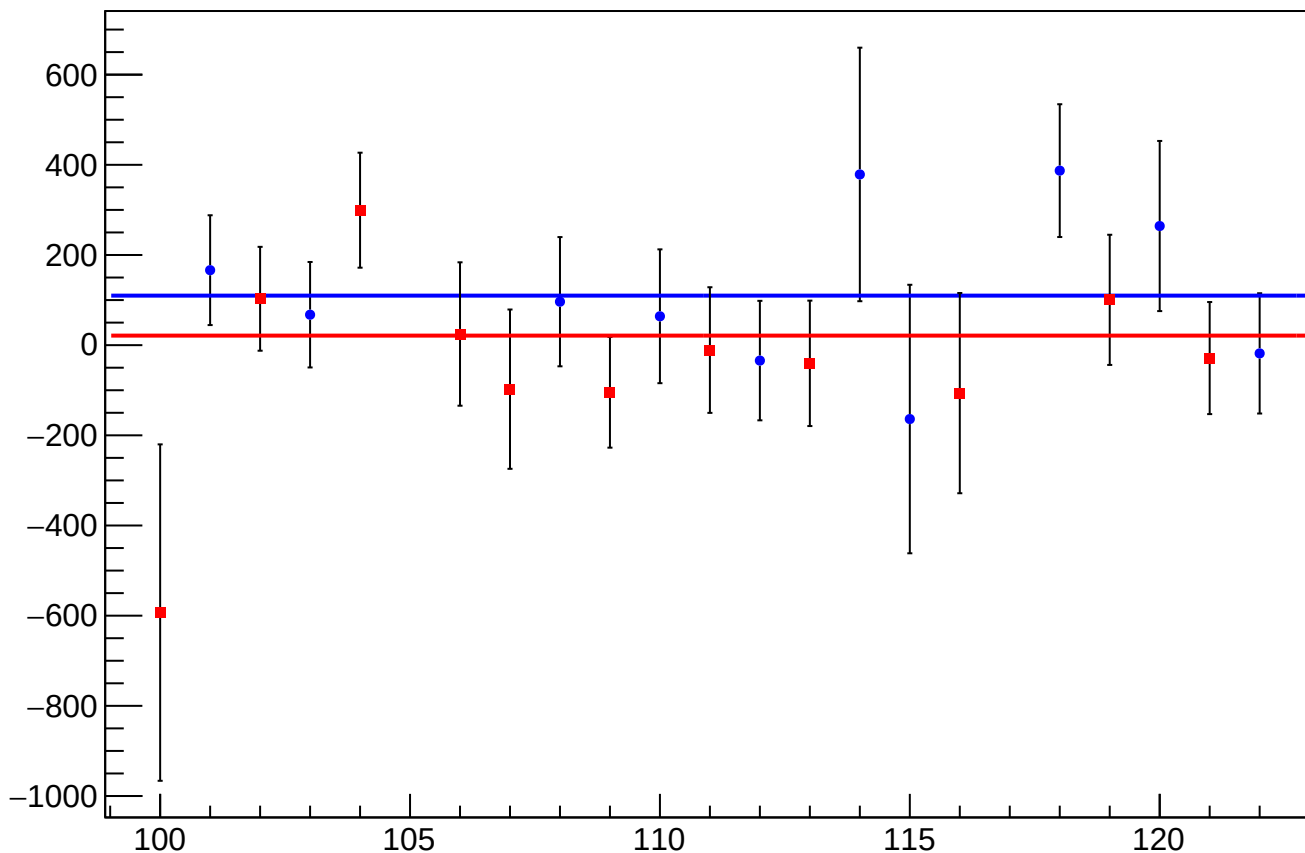
Right: 686.141+/-0.169 χ^2/NDF : 686355.8/20

In: 698.820+/-0.249 χ^2/NDF : 315106.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.141+/-0.169 χ^2/NDF : 686355.8/20

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: 21.184 $\pm$ 43.933 χ^2 /NDF: 10.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

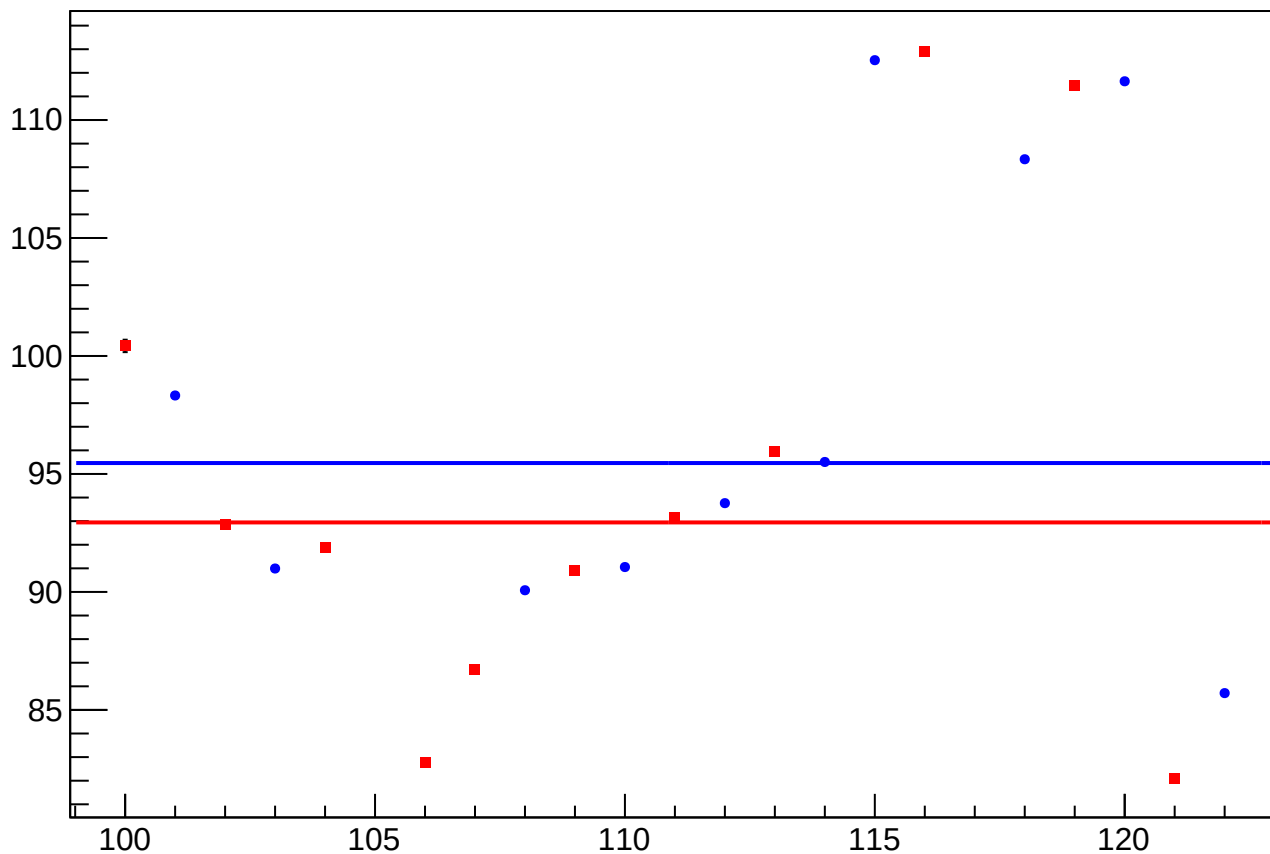
Right: 62.205 $\pm$ 32.208 χ^2 /NDF: 20.9/20

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: 62.205 $\pm$ 32.208 χ^2 /NDF: 20.9/20

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: 92.946+/-0.031 χ^2/NDF : 77504.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

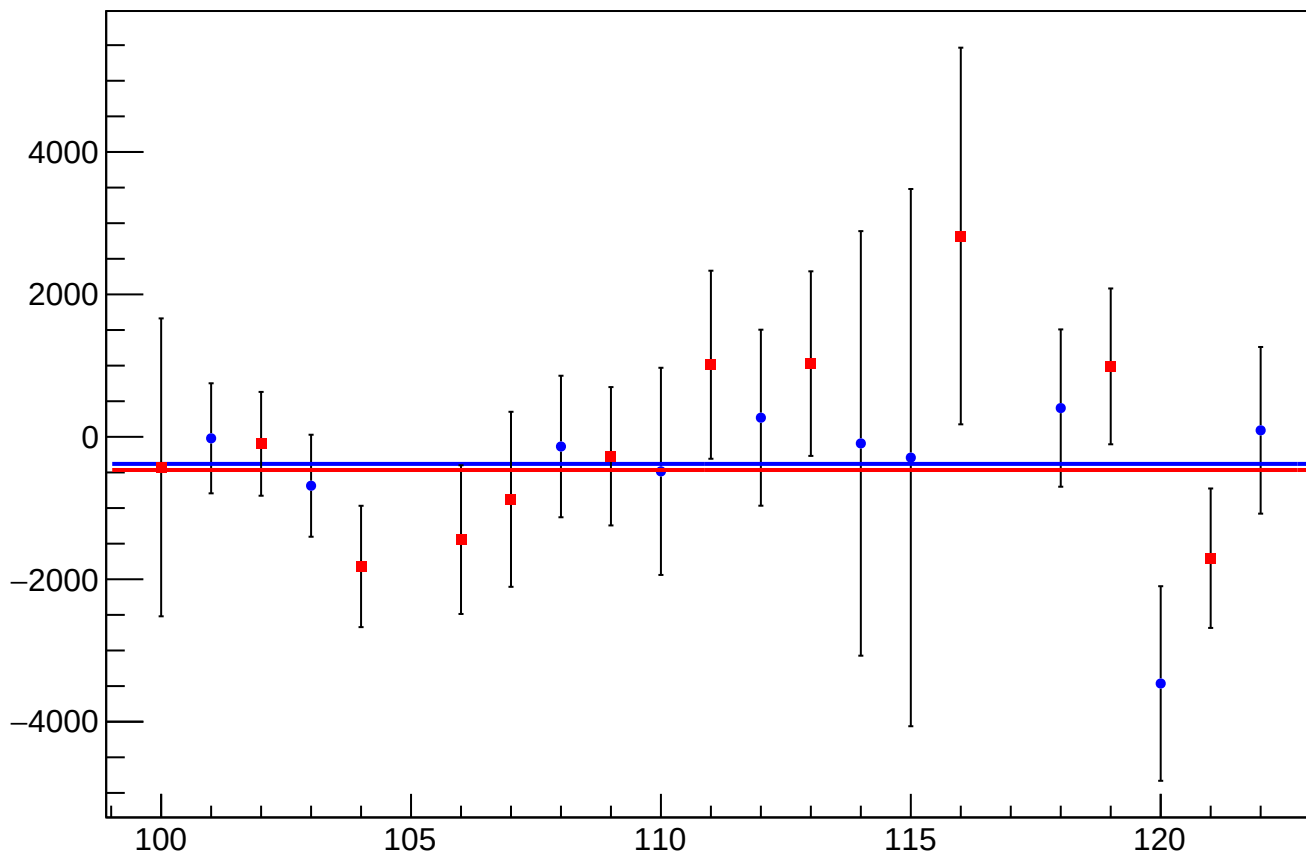
Right: 94.110+/-0.023 χ^2/NDF : 136742.8/20

In: 95.463+/-0.033 χ^2/NDF : 56202.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.110+/-0.023 χ^2/NDF : 136742.8/20

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: -465.678+/-327.579 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

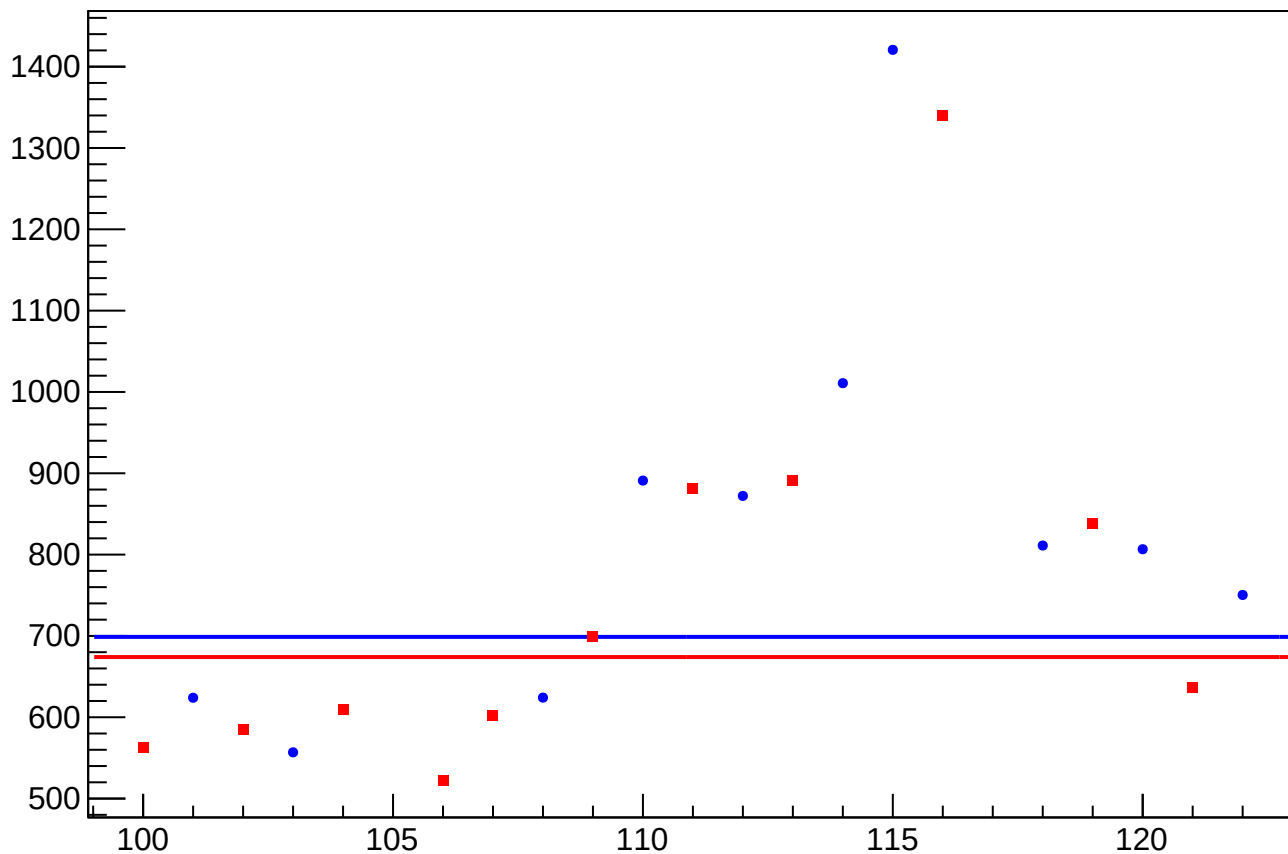
Right: -426.003+/-240.061 χ^2/NDF : 17.8/20

In: -379.977+/-352.820 χ^2/NDF :6.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -426.003+/-240.061 χ^2/NDF : 17.8/20

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: 674.018+/-0.232 χ^2/NDF : 377332.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

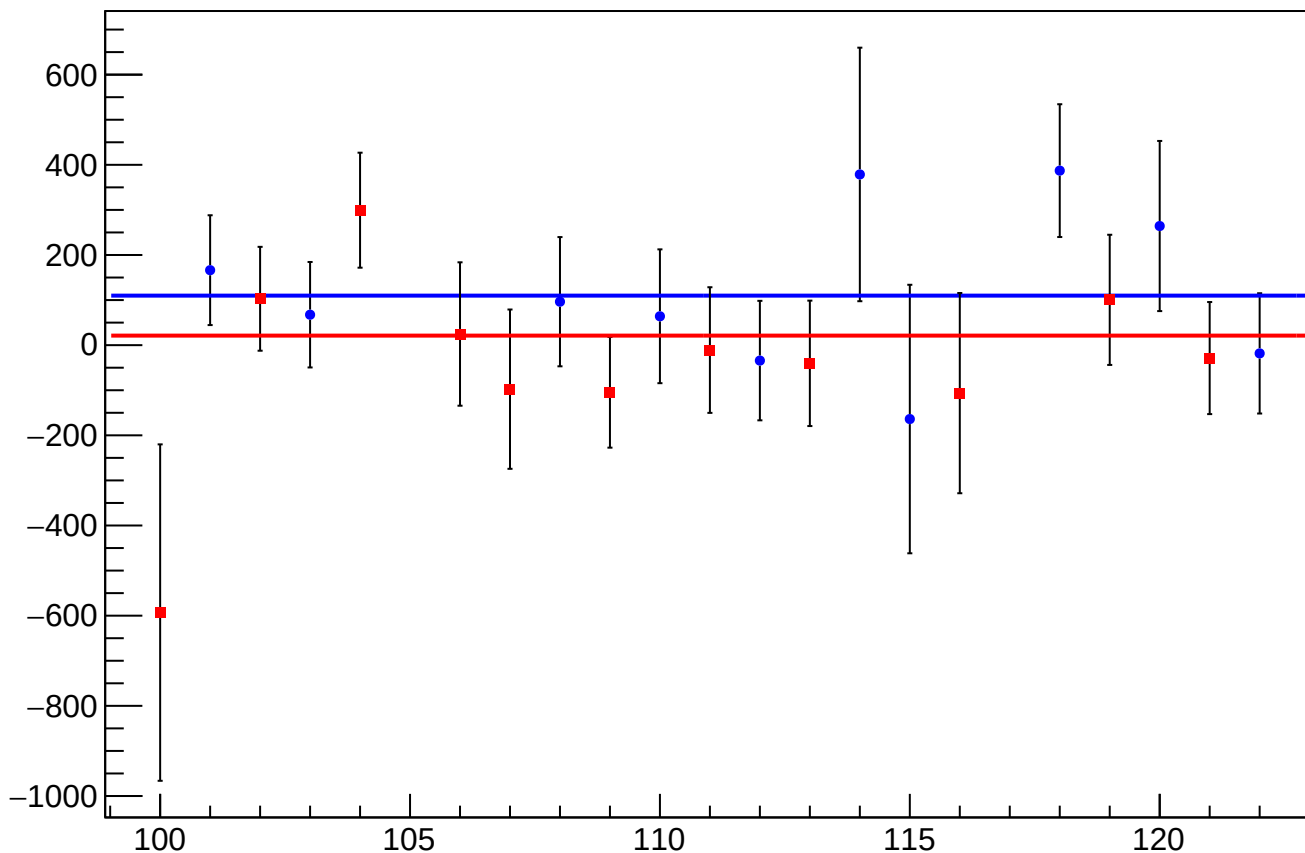
Right: 685.500+/-0.170 χ^2/NDF : 697749.1/20

In: 698.819+/-0.249 χ^2/NDF :315109.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 685.500+/-0.170 χ^2/NDF : 697749.1/20

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: 21.184 $\pm$ 43.933 χ^2 /NDF: 10.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

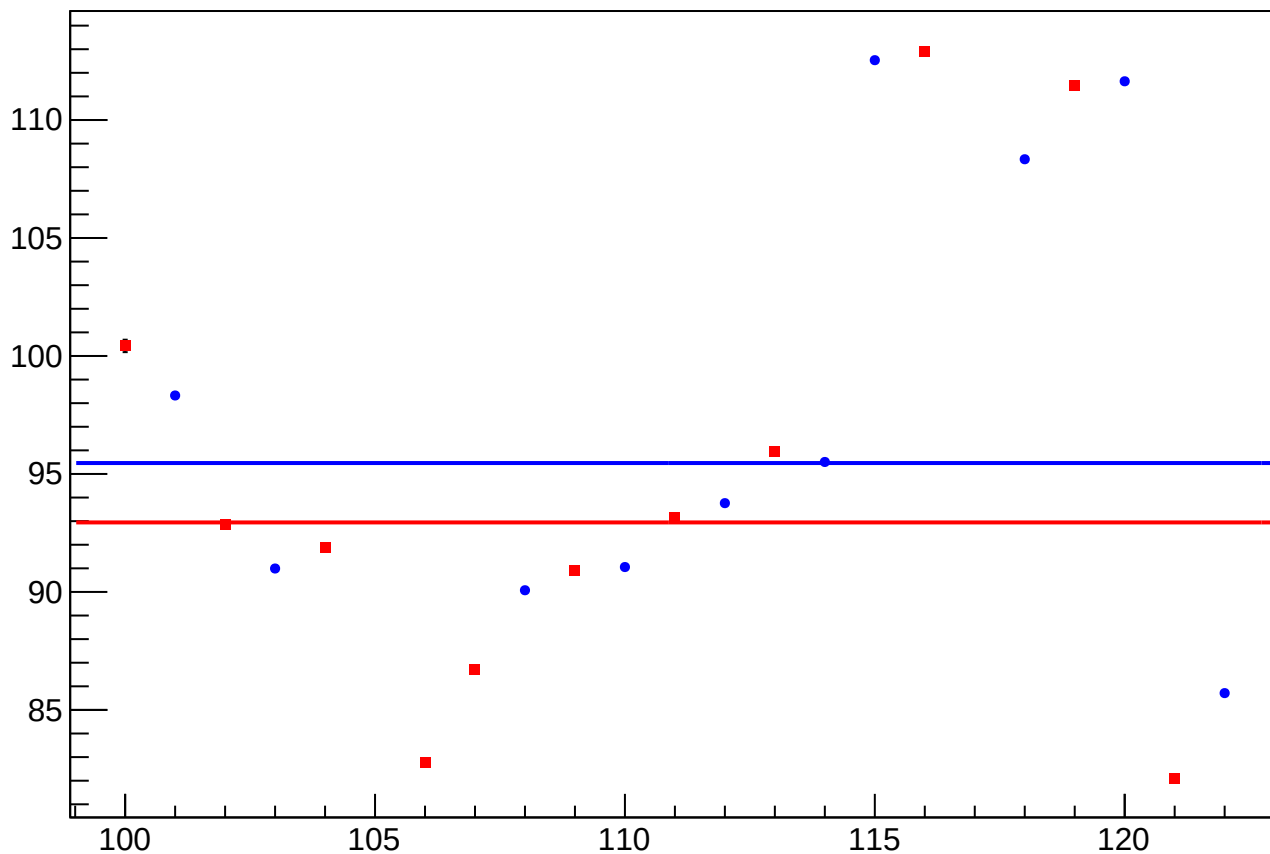
Right: 62.205 $\pm$ 32.208 χ^2 /NDF: 20.9/20

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: 62.205 $\pm$ 32.208 χ^2 /NDF: 20.9/20

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: 92.946+/-0.031 χ^2/NDF : 77504.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

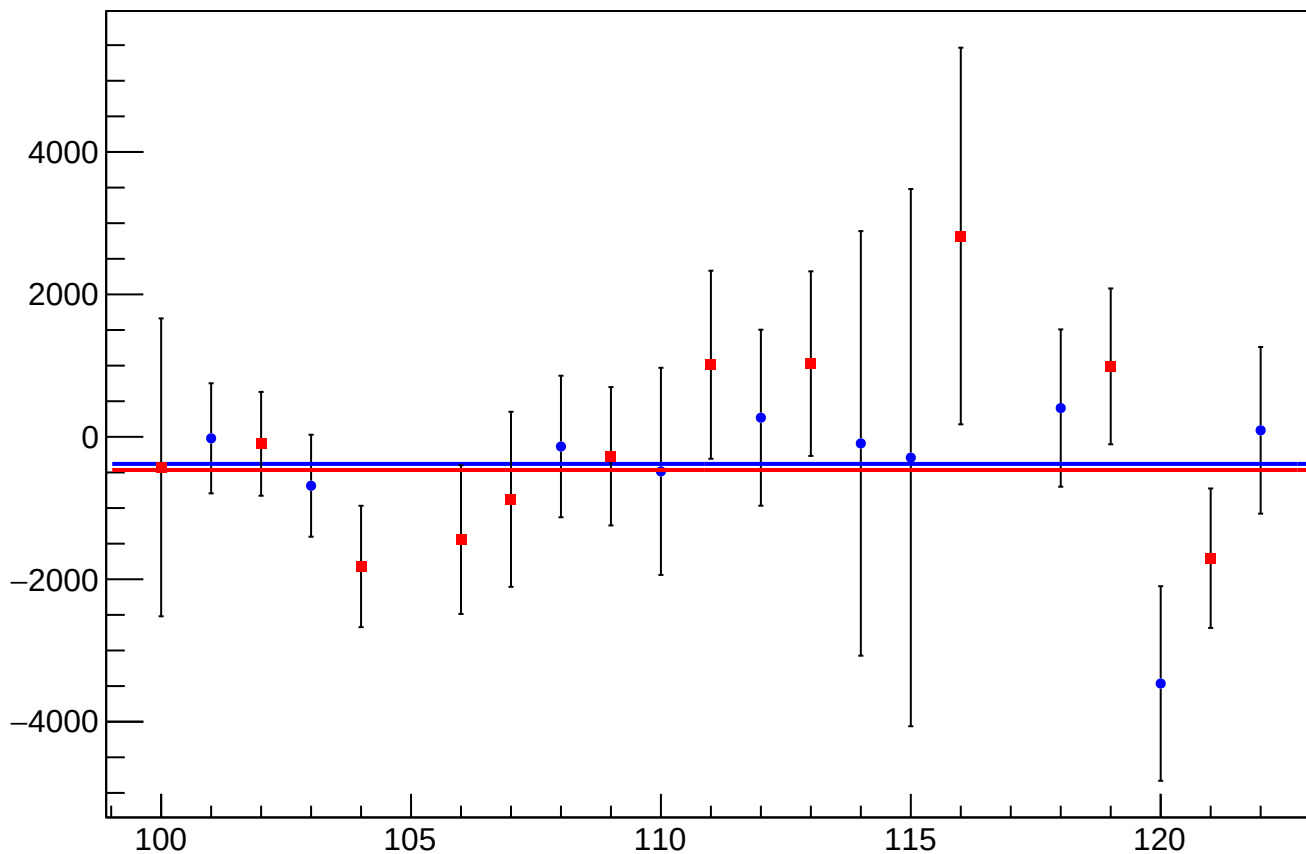
Right: 94.110+/-0.023 χ^2/NDF : 136742.8/20

In: 95.463+/-0.033 χ^2/NDF : 56202.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.110+/-0.023 χ^2/NDF : 136742.8/20

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: -465.678 ± 327.579 χ^2/NDF : 11.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

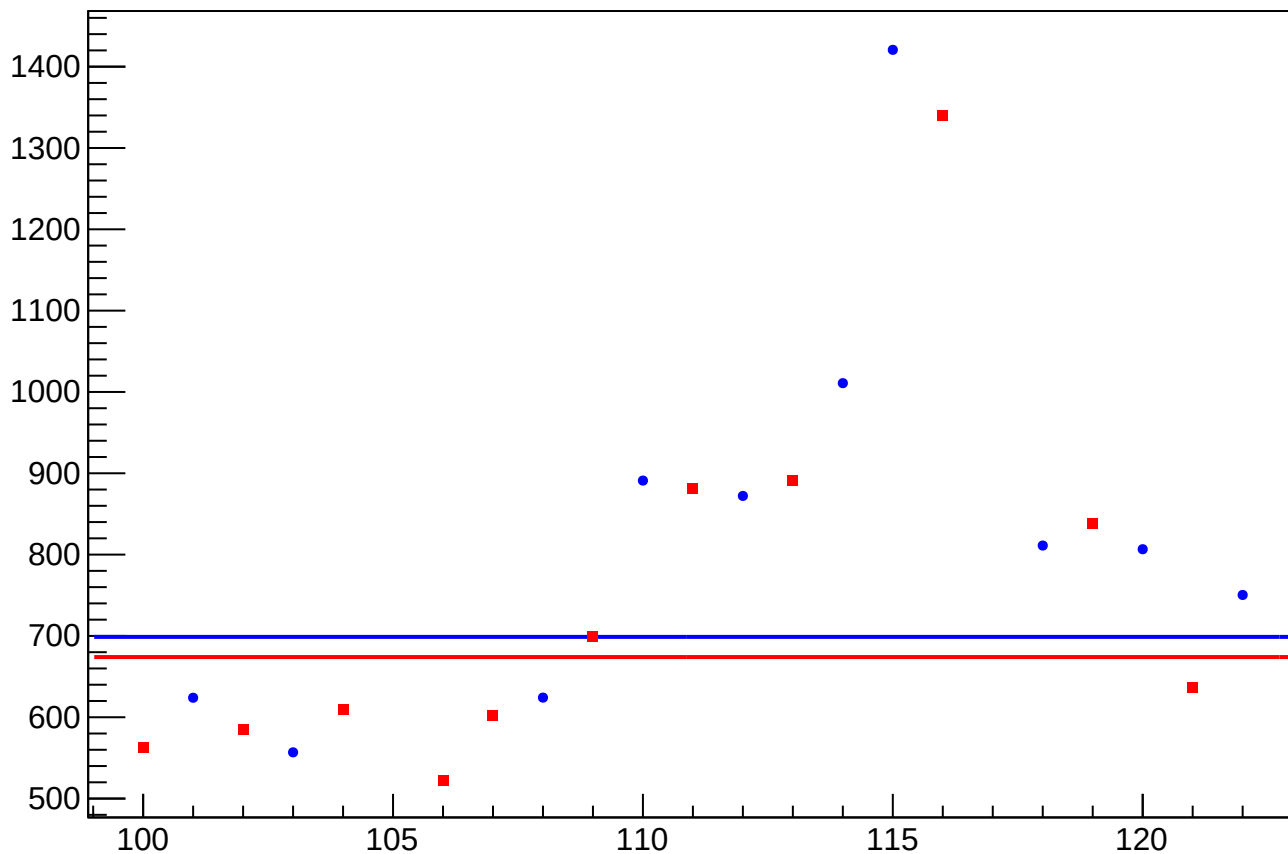
Right: -426.003 ± 240.061 χ^2/NDF : 17.8/20

In: -379.977 ± 352.820 χ^2/NDF : 6.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -426.003 ± 240.061 χ^2/NDF : 17.8/20

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: 674.018+/-0.232 χ^2/NDF : 377332.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

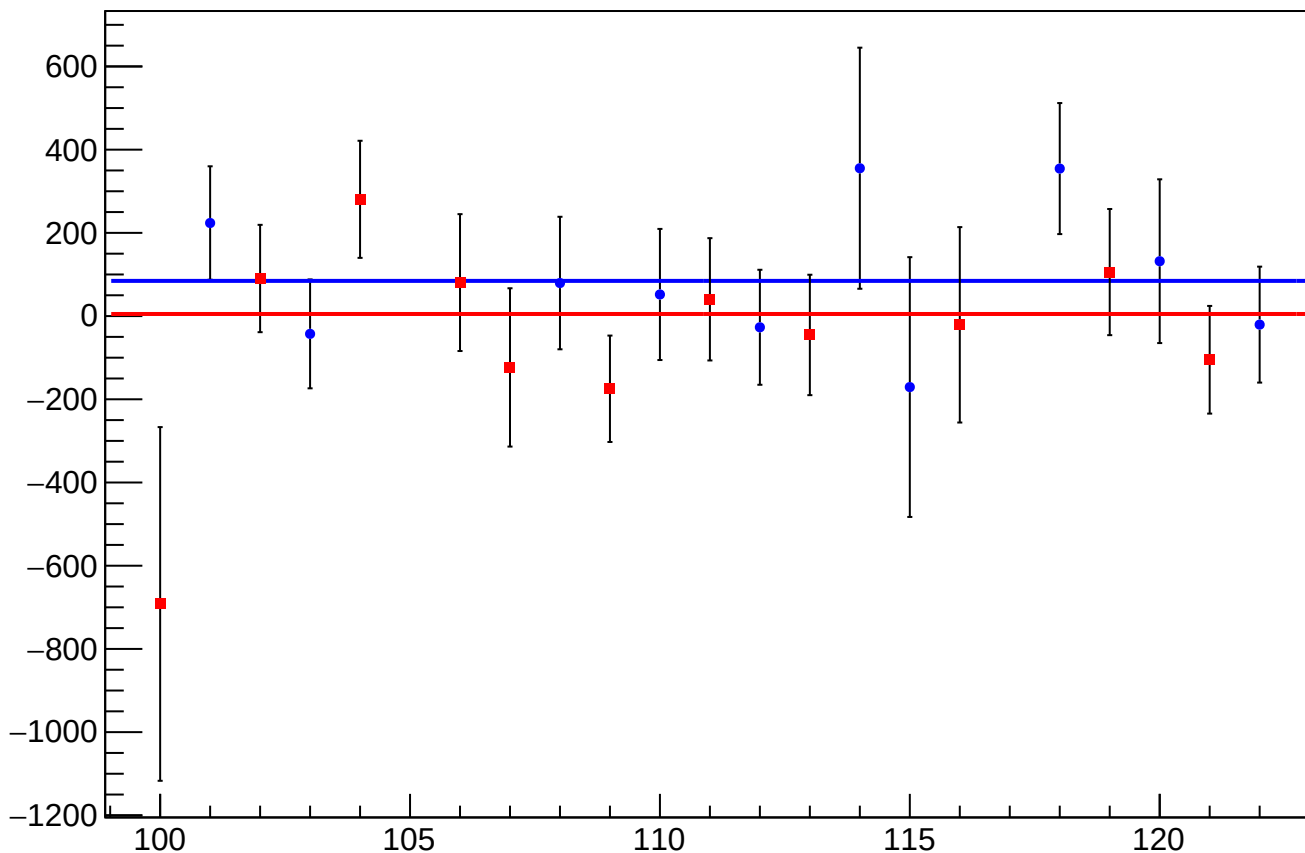
Right: 685.500+/-0.170 χ^2/NDF : 697749.1/20

In: 698.819+/-0.249 χ^2/NDF :315109.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 685.500+/-0.170 χ^2/NDF : 697749.1/20

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 84.582 $\pm$ 51.025 χ^2 /NDF: 7.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.032 $\pm$ 46.764 χ^2 /NDF: 11.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

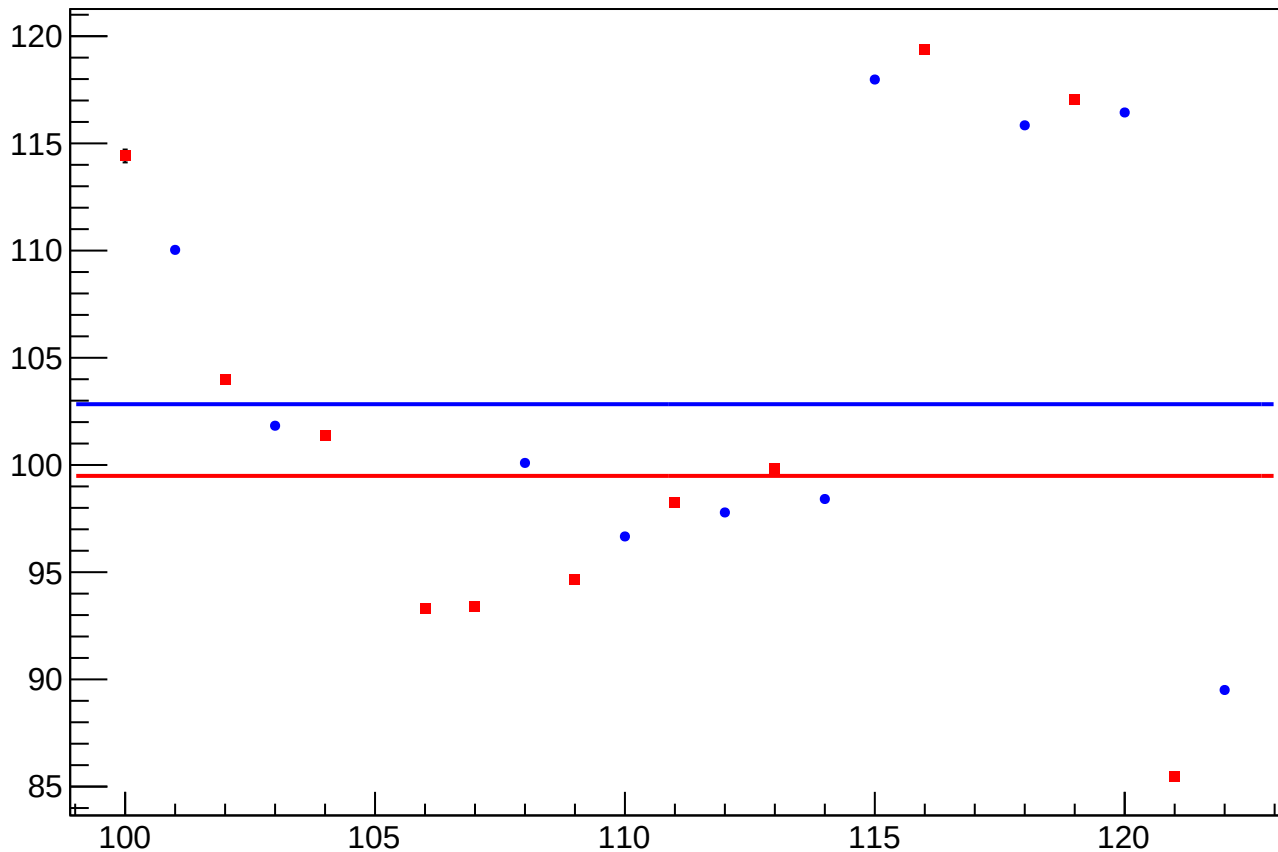
Right: 41.348 $\pm$ 34.475 χ^2 /NDF: 20.1/20

In: 84.582 $\pm$ 51.025 χ^2 /NDF: 7.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.348 $\pm$ 34.475 χ^2 /NDF: 20.1/20

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 102.835+/-0.036 χ^2/NDF : 58698.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.491+/-0.033 χ^2/NDF : 77904.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

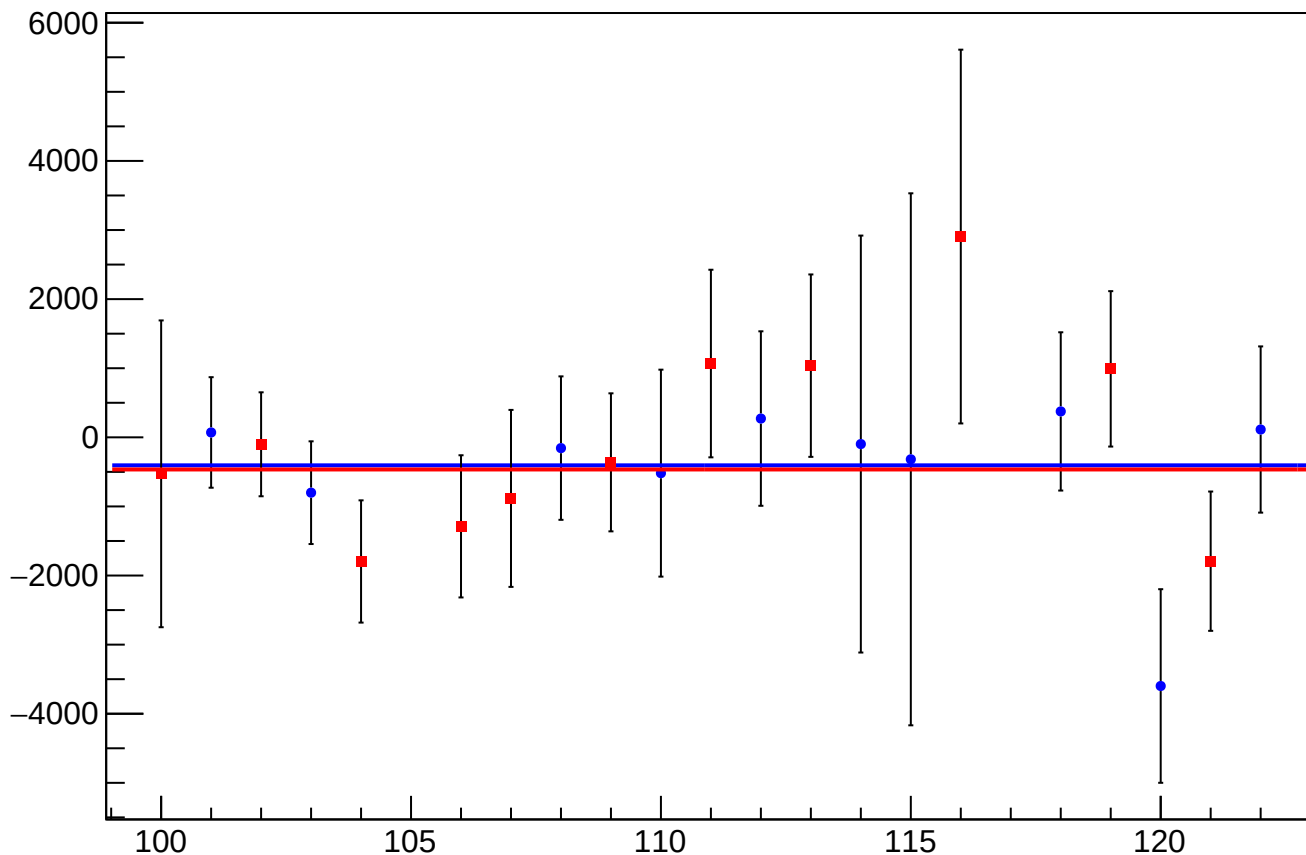
Right: 101.018+/-0.024 χ^2/NDF : 141271.4/20

In: 102.835+/-0.036 χ^2/NDF : 58698.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.018+/-0.024 χ^2/NDF : 141271.4/20

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: -465.056+/-336.449 χ^2 /NDF: 10.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

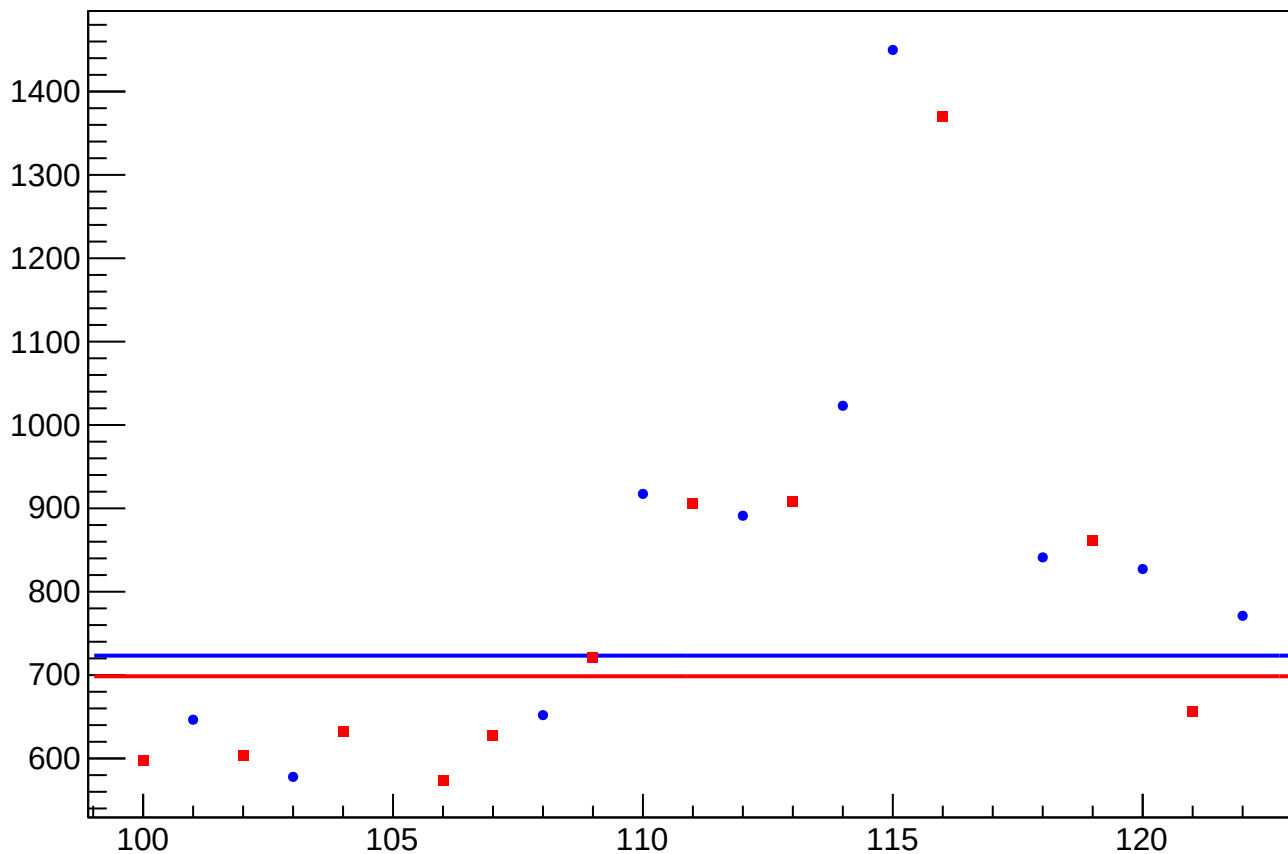
Right: -437.620+/-247.308 χ^2 /NDF: 17.7/20

In: -405.373+/-364.756 χ^2 /NDF:6.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -437.620+/-247.308 χ^2 /NDF: 17.7/20

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: 698.597+/-0.238 χ^2/NDF : 349063.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

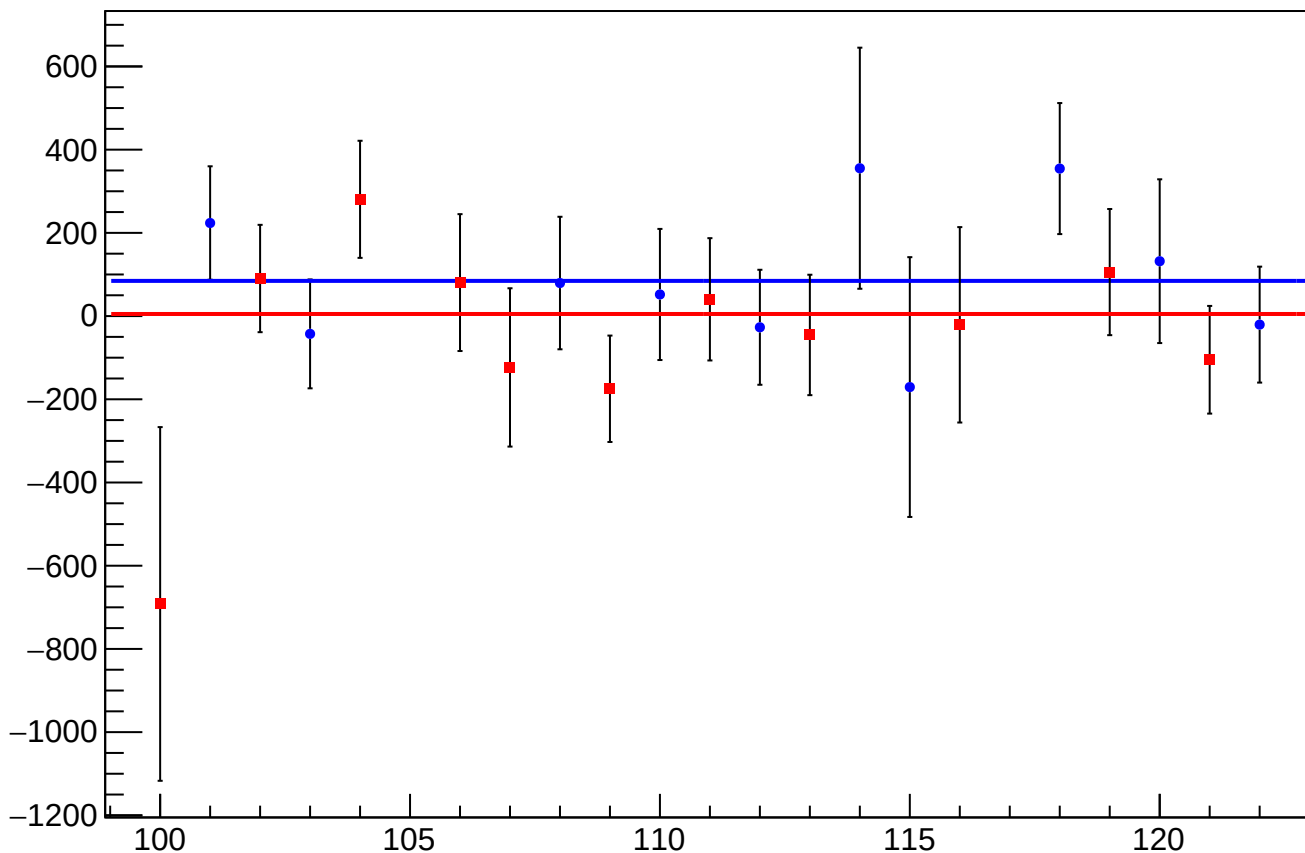
Right: 709.966+/-0.175 χ^2/NDF : 653777.6/20

In: 723.329+/-0.258 χ^2/NDF : 299746.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.966+/-0.175 χ^2/NDF : 653777.6/20

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: 5.032+/-46.764 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

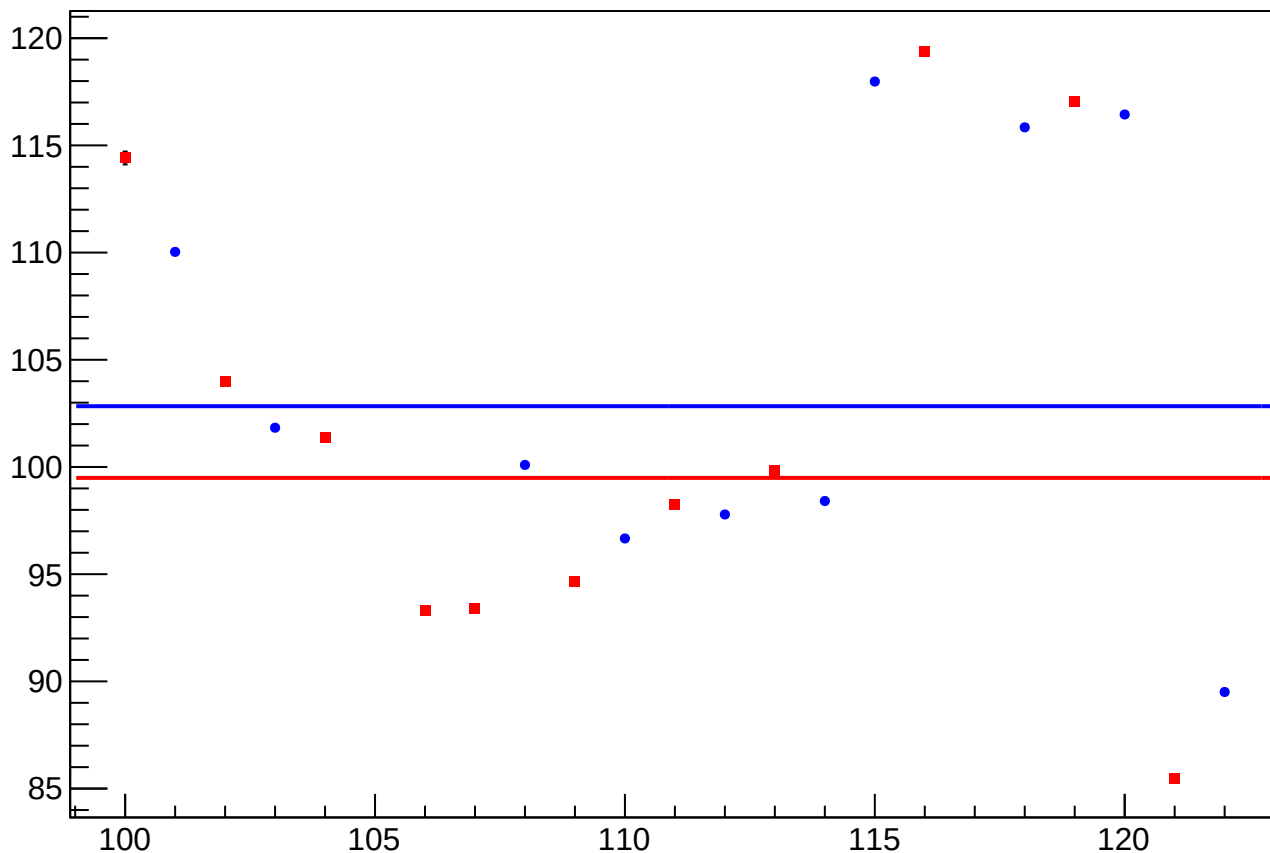
Right: 41.348+/-34.475 χ^2/NDF : 20.1/20

In: 84.583+/-51.025 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.348+/-34.475 χ^2/NDF : 20.1/20

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: 99.491 $\pm$ 0.033 χ^2 /NDF: 77905.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

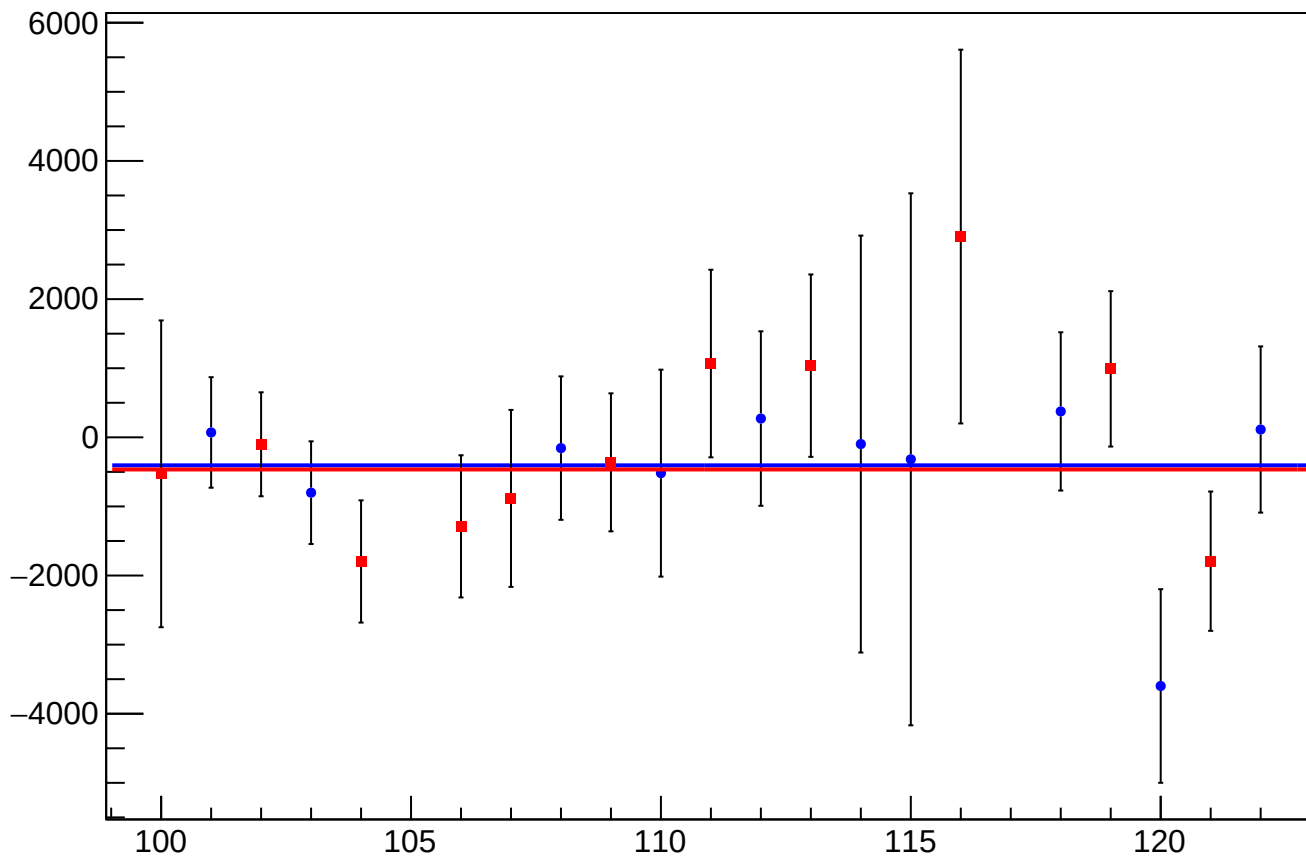
Right: 101.018 $\pm$ 0.024 χ^2 /NDF: 141271.7/20

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: 101.018 $\pm$ 0.024 χ^2 /NDF: 141271.7/20

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: -465.056+/-336.449 χ^2/NDF : 10.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

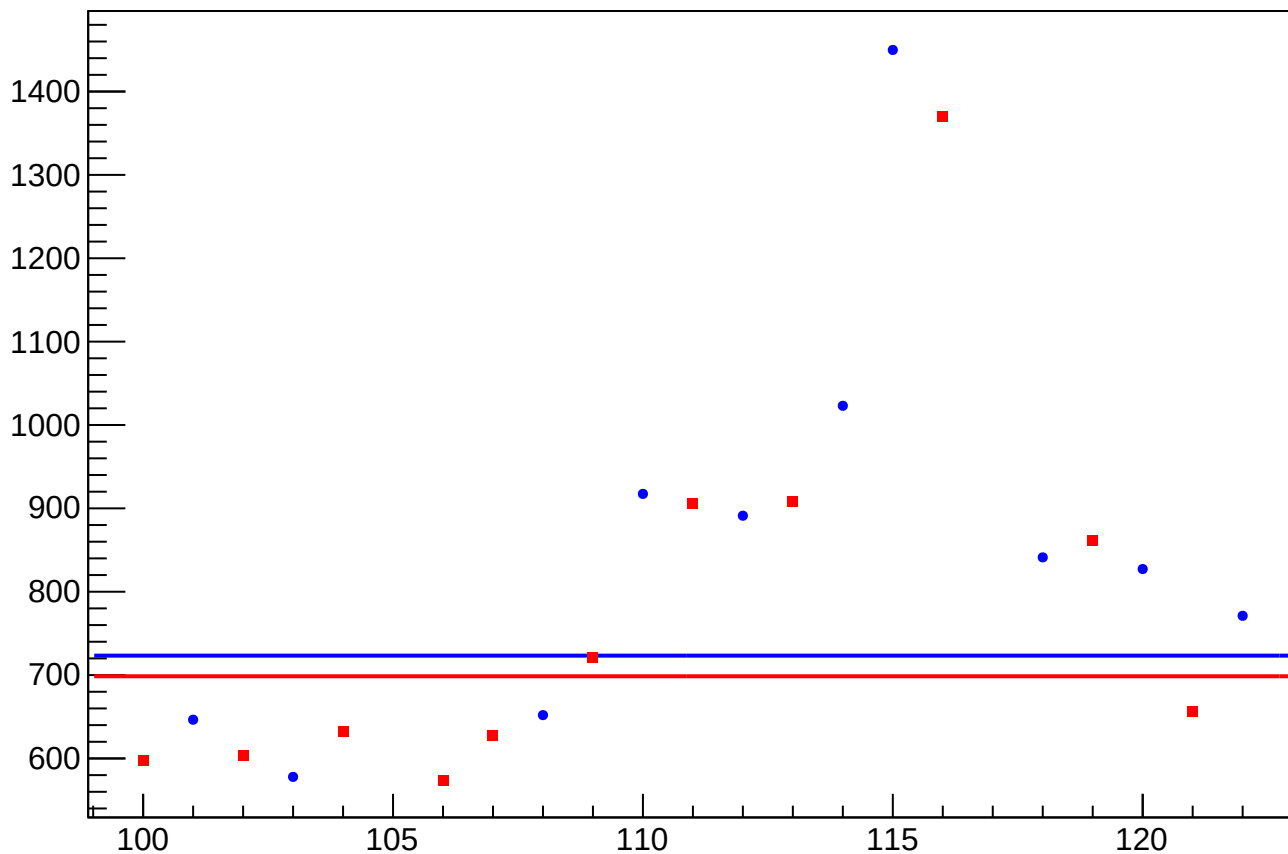
Right: -437.620+/-247.308 χ^2/NDF : 17.7/20

In: -405.373+/-364.756 χ^2/NDF :6.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -437.620+/-247.308 χ^2/NDF : 17.7/20

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: 698.596+/-0.238 χ^2/NDF : 349063.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

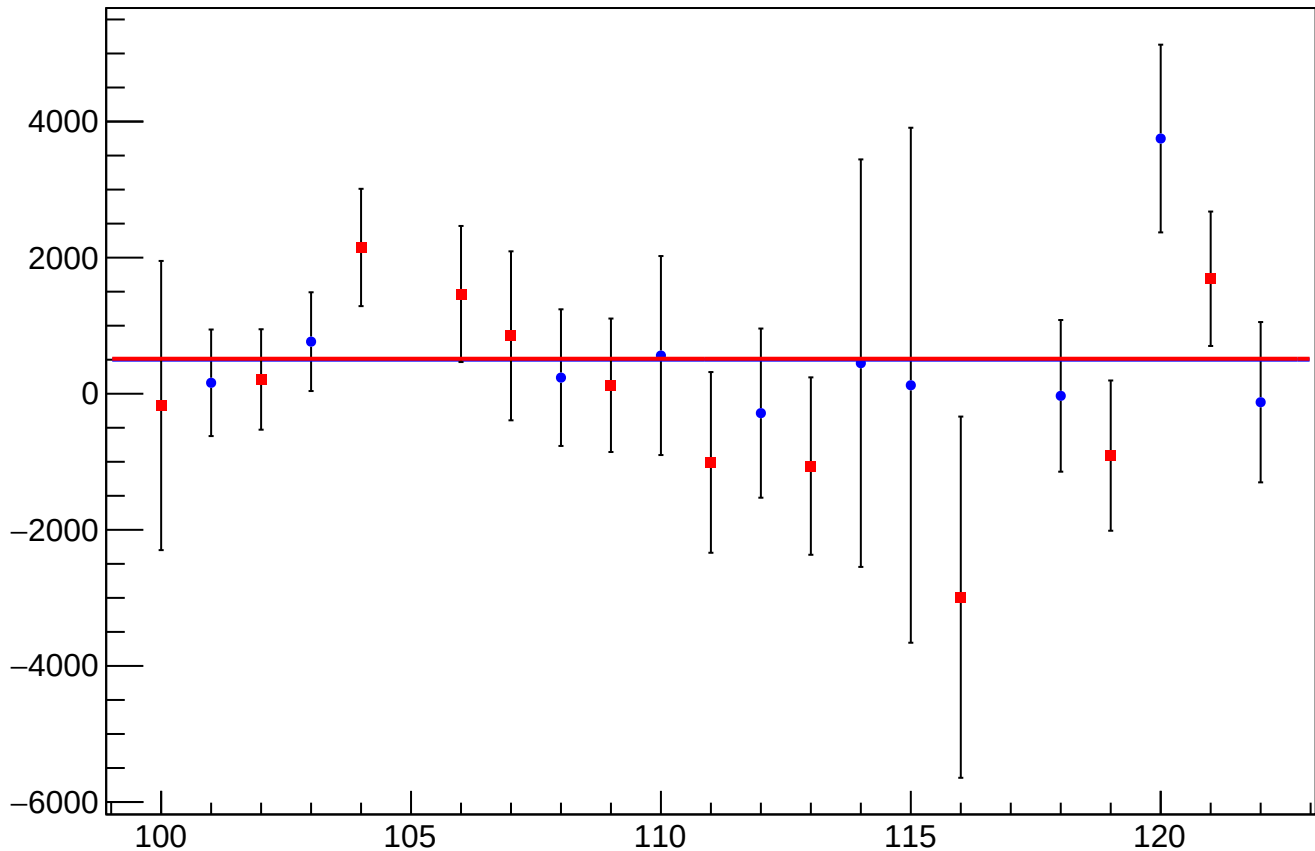
Right: 709.965+/-0.175 χ^2/NDF : 653777.1/20

In: 723.328+/-0.258 χ^2/NDF : 299746.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.965+/-0.175 χ^2/NDF : 653777.1/20

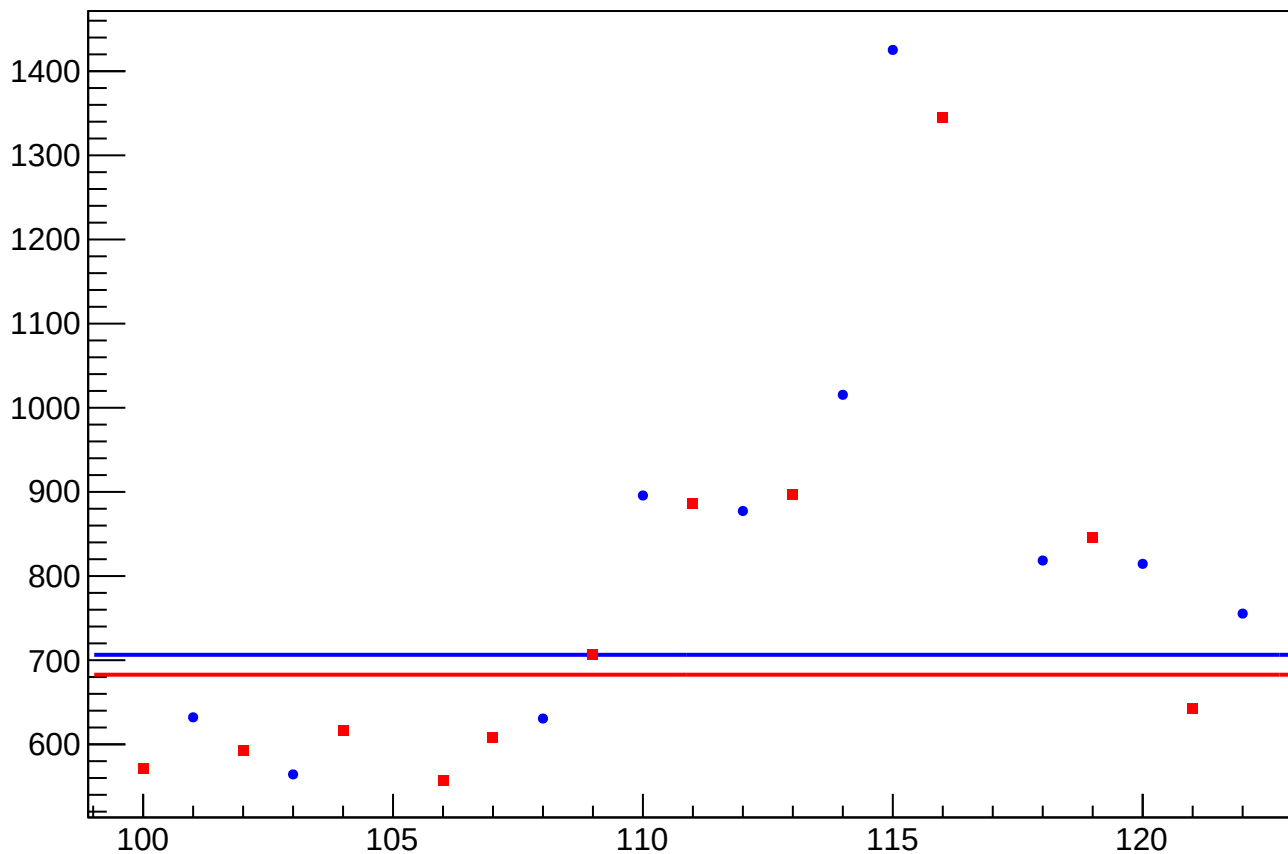
asym_sam_15_dd_mean vs Slug, Sign Corrected



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: 514.350+/-329.063 χ^2/NDF : 12.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 508.221+/-241.789 χ^2/NDF : 19.5/20
 In: 501.029+/-356.462 χ^2/NDF : 6.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 508.221+/-241.789 χ^2/NDF : 19.5/20

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: 682.755+/-0.233 χ^2/NDF : 358989.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

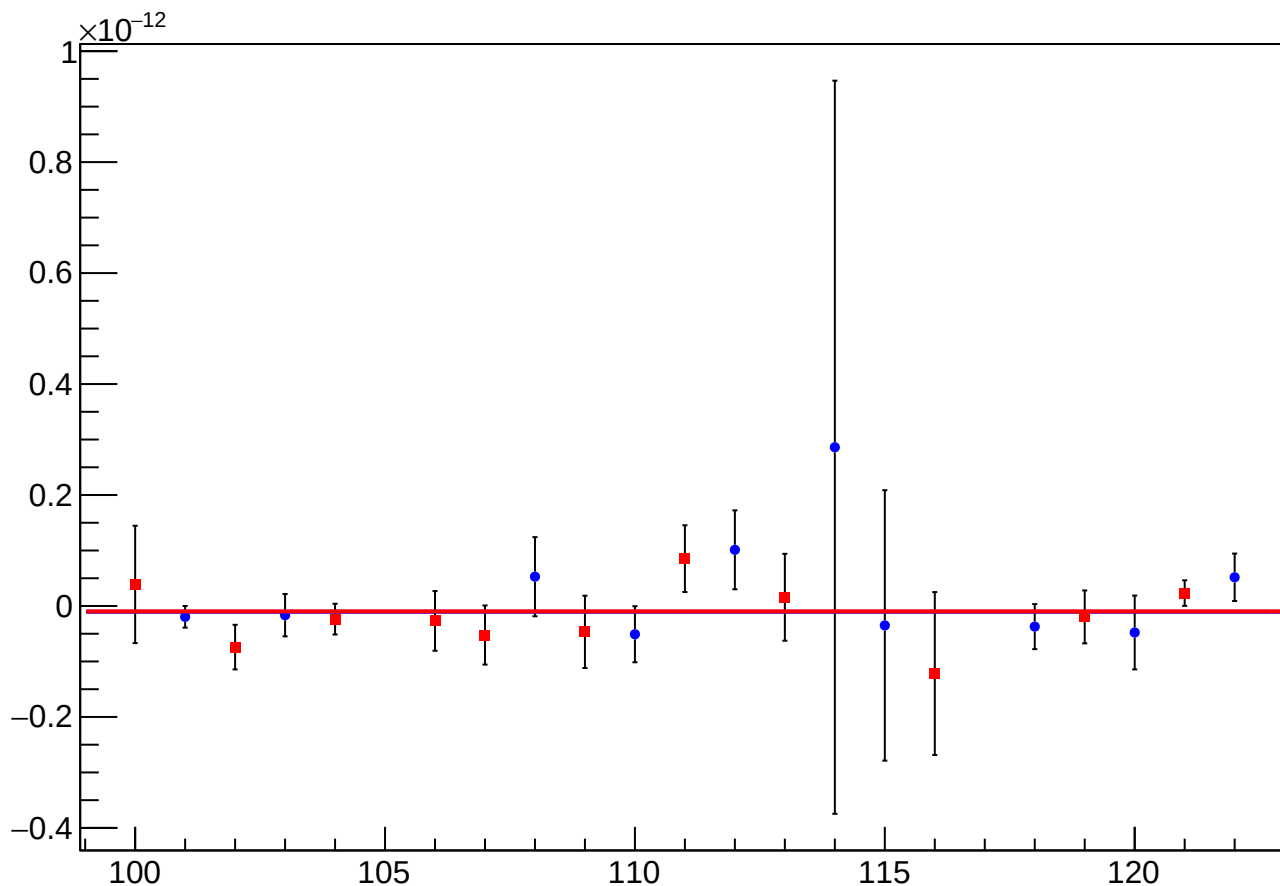
Right: 693.637+/-0.171 χ^2/NDF : 670660.3/20

In: 706.407+/-0.252 χ^2/NDF : 306917.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 693.637+/-0.171 χ^2/NDF : 670660.3/20

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 : 9.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

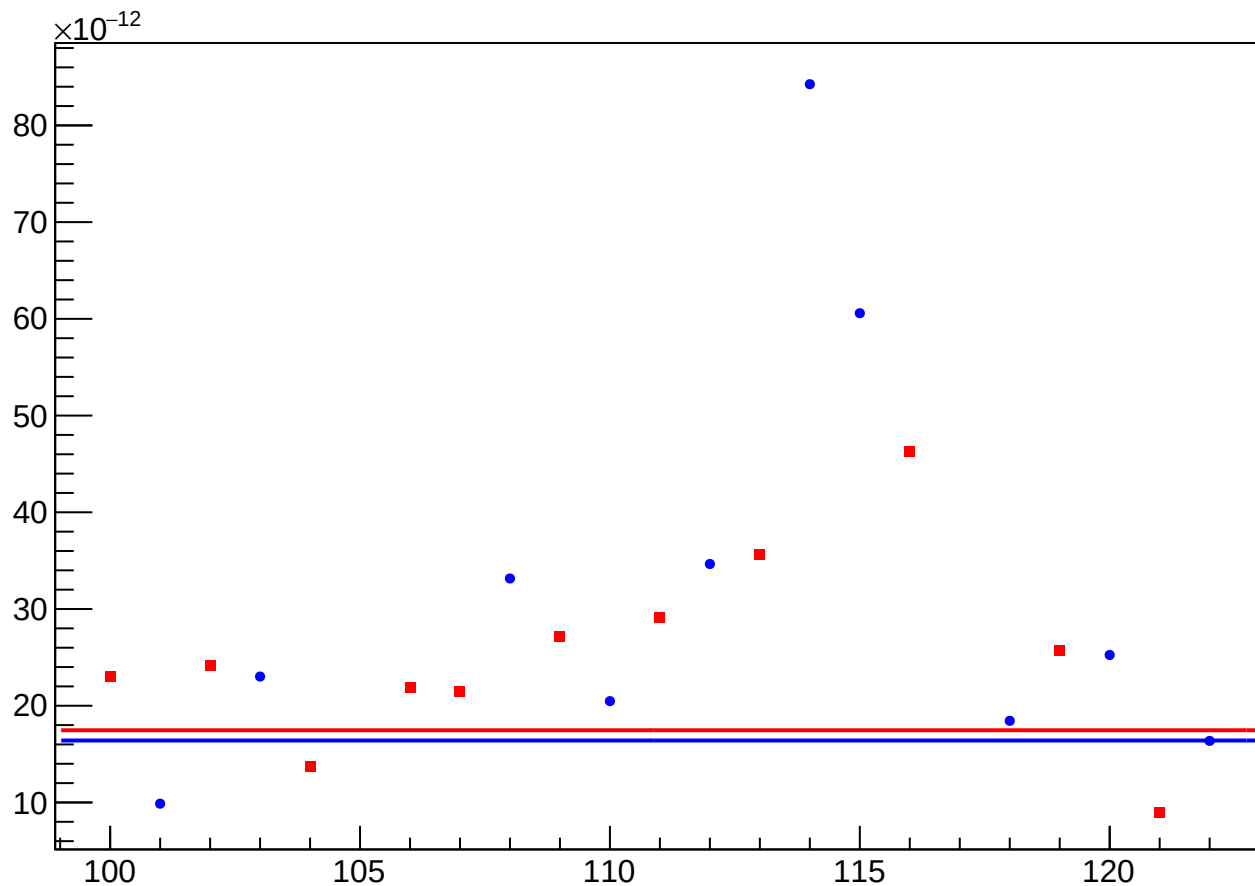
Right: -0.000+/-0.000 χ^2/NDF : 16.6/20

In: -0.000+/-0.000 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.6/20

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 : 760284.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

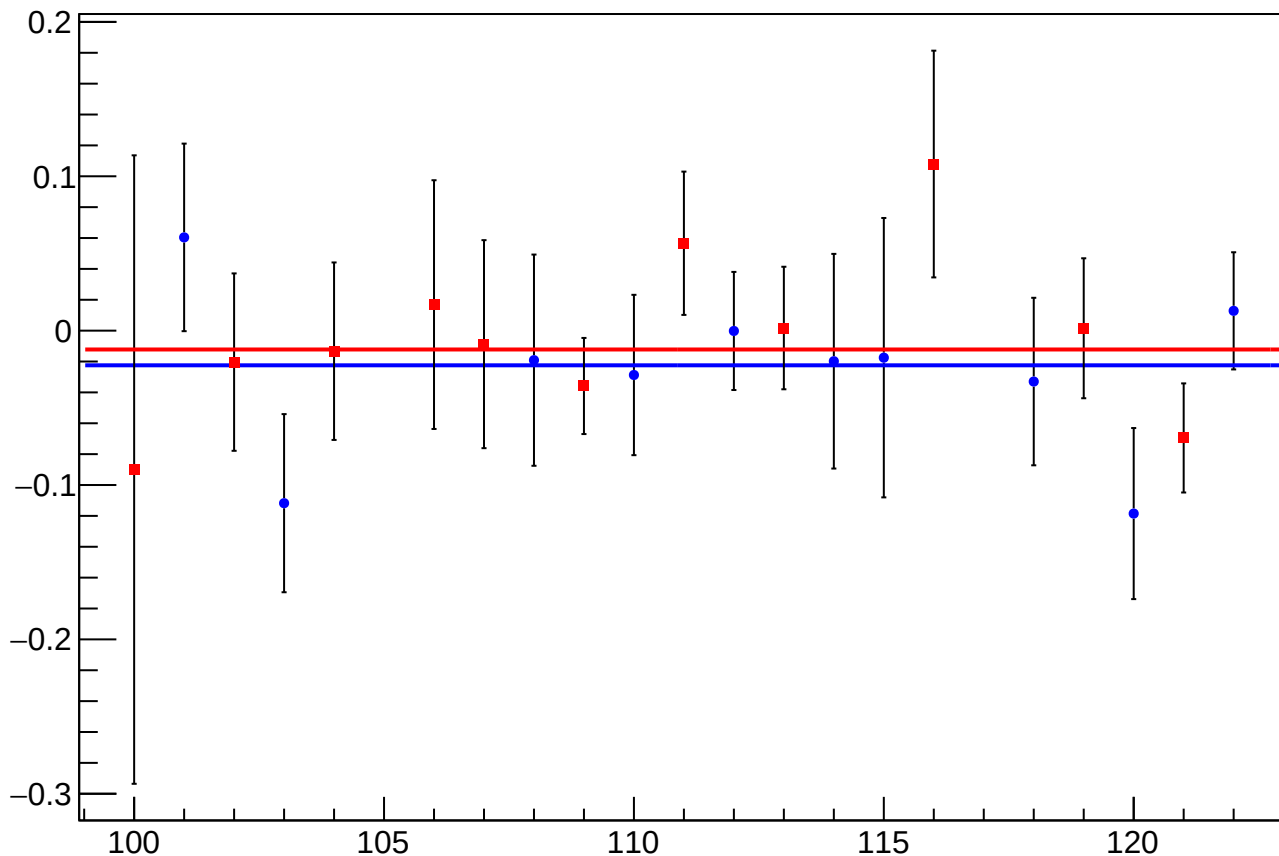
Right: 0.000+/-0.000 χ^2/NDF : 1433043.0/20

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 : 1433043.0/20

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.017 χ^2 /NDF: 8.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.015 χ^2 /NDF: 8.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

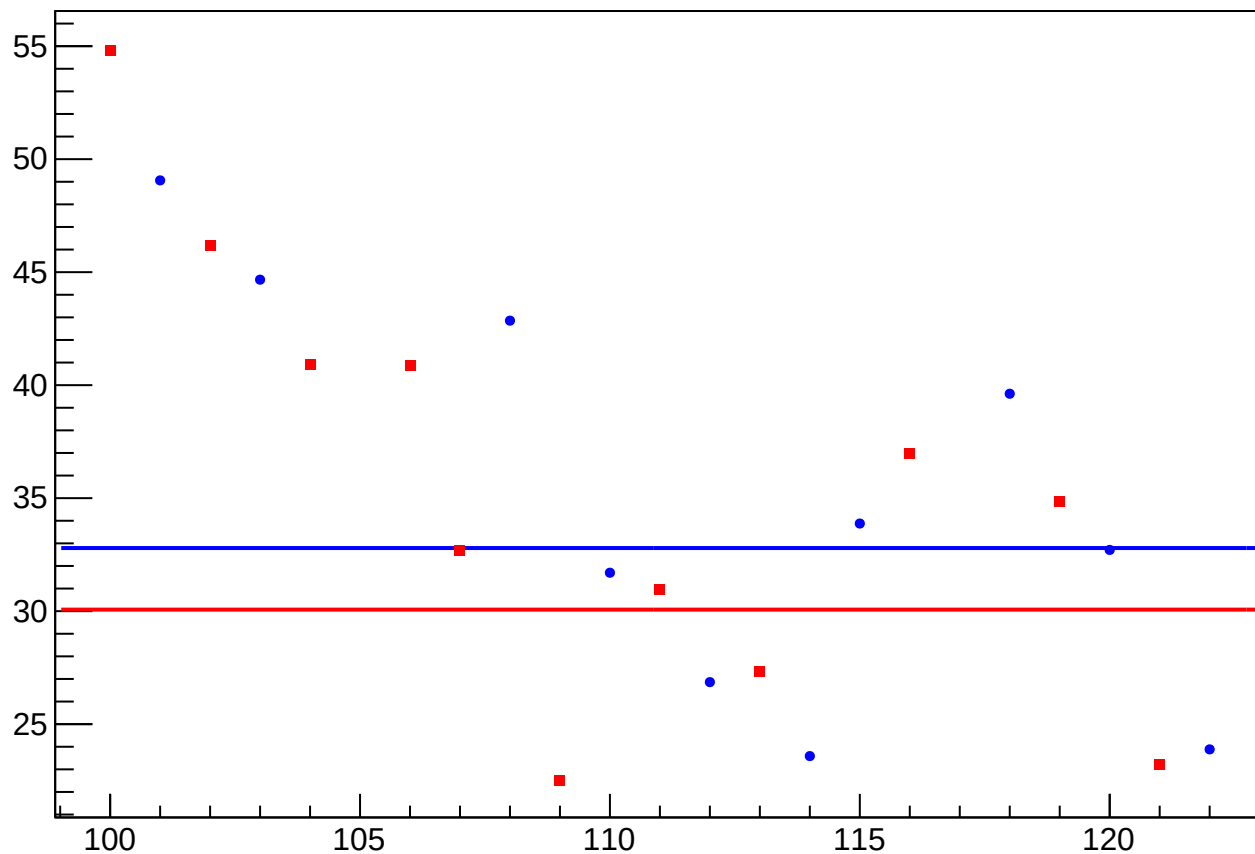
Right: -0.017 $\pm$ 0.011 χ^2 /NDF: 17.3/20

In: -0.022 $\pm$ 0.017 χ^2 /NDF:8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.011 χ^2 /NDF: 17.3/20

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: 30.068+/-0.010 χ^2/NDF : 540518.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

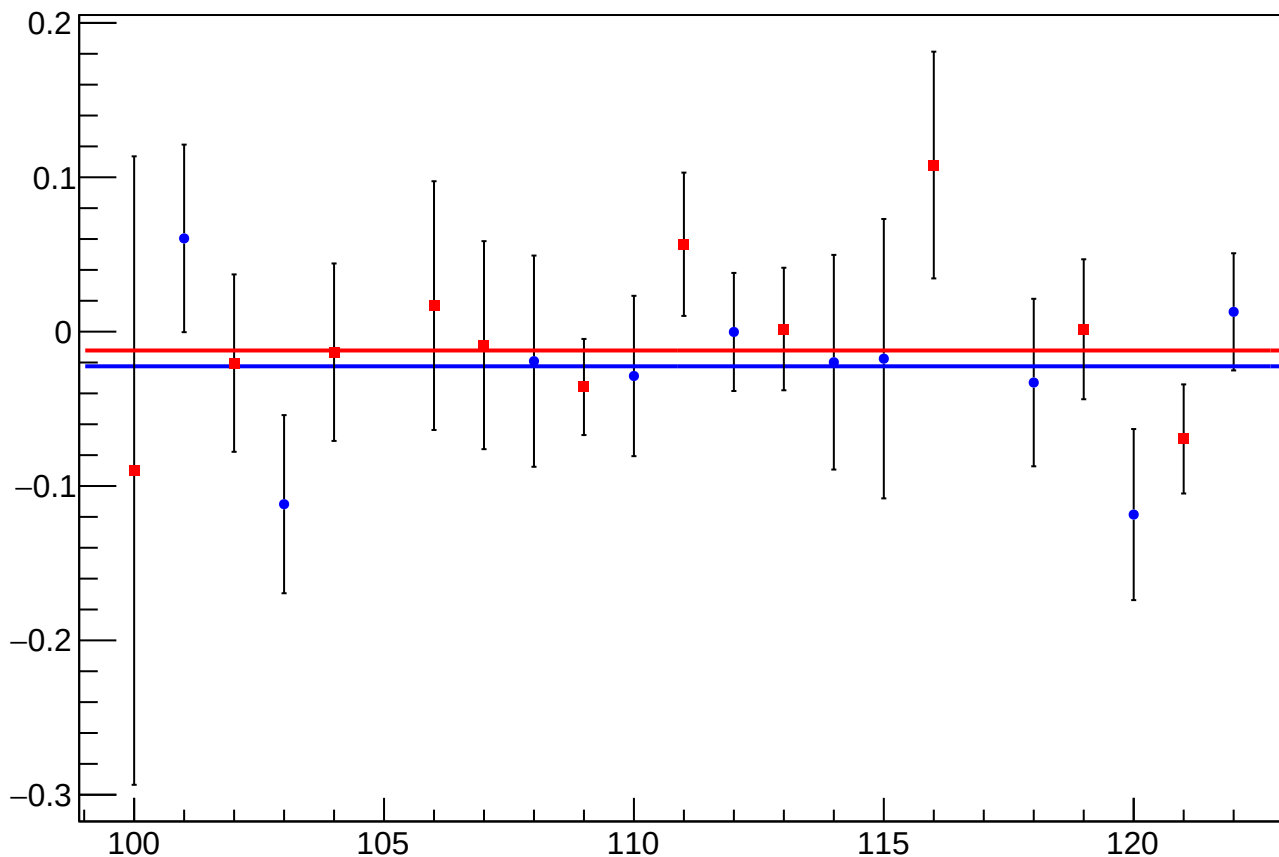
Right: 31.250+/-0.008 χ^2/NDF : 1067808.5/20

In: 32.793+/-0.012 χ^2/NDF : 497617.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.250+/-0.008 χ^2/NDF : 1067808.5/20

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: -0.012+/-0.015 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

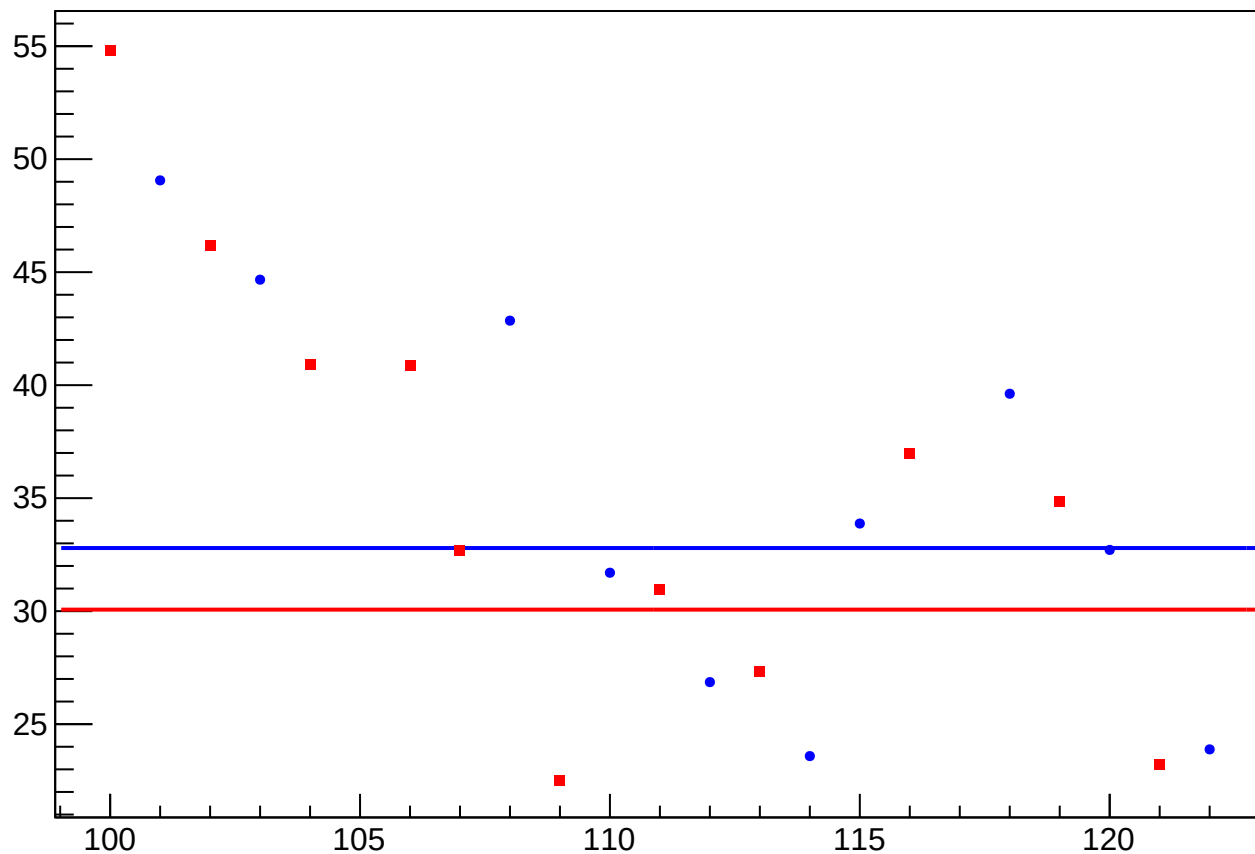
Right: -0.017+/-0.011 χ^2/NDF : 17.3/20

In: -0.022+/-0.017 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.011 χ^2/NDF : 17.3/20

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: 30.068+/-0.010 χ^2/NDF : 540518.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

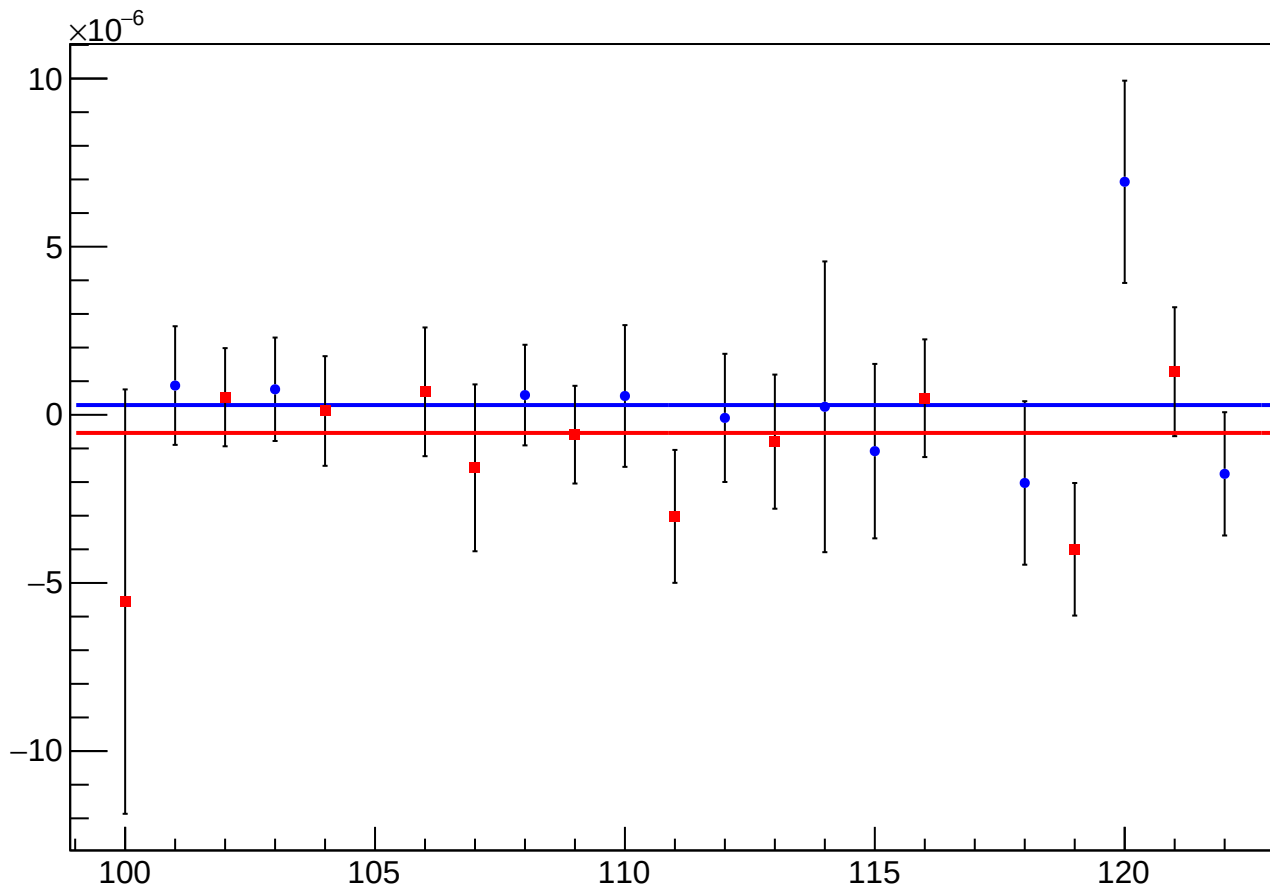
Right: 31.250+/-0.008 χ^2/NDF : 1067808.5/20

In: 32.793+/-0.012 χ^2/NDF : 497617.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.250+/-0.008 χ^2/NDF : 1067808.5/20

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 : 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

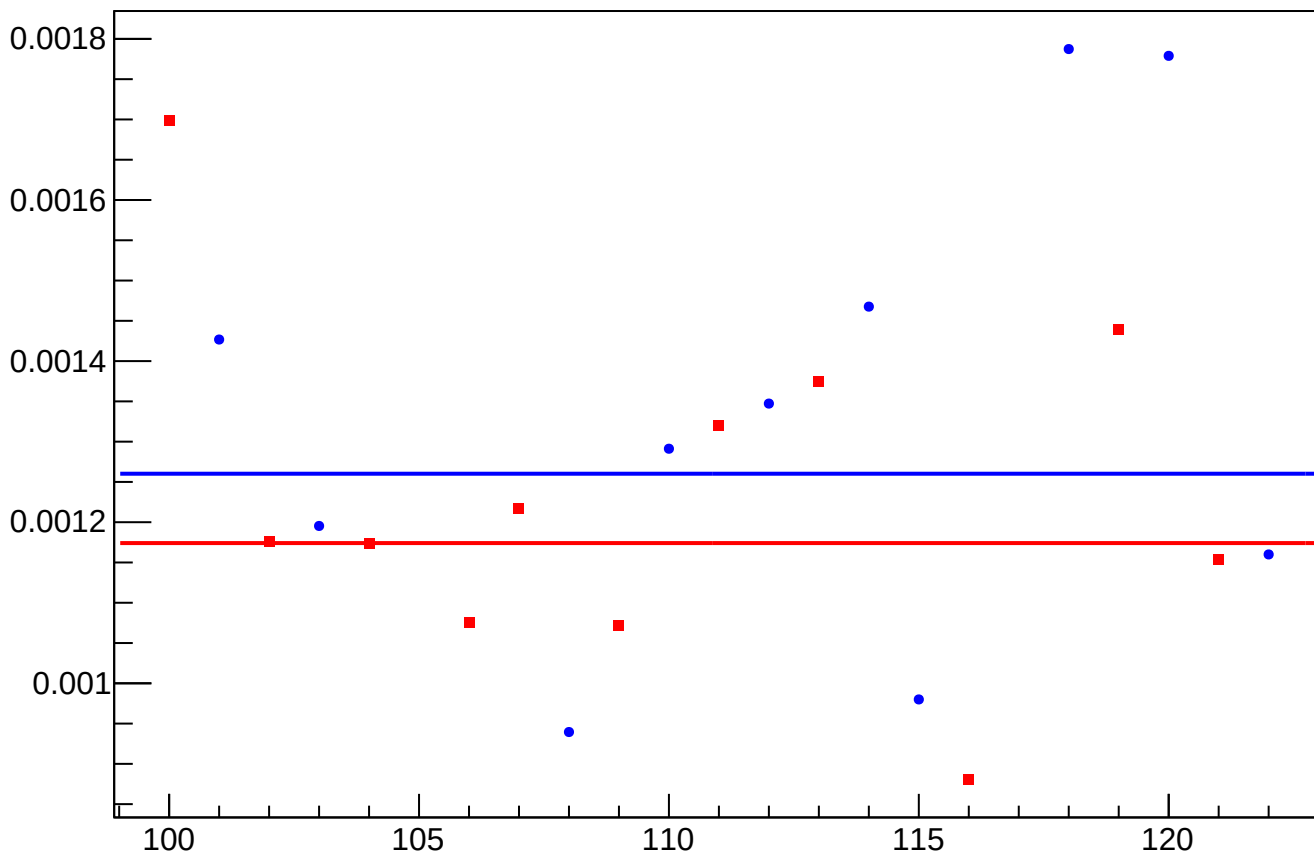
Right: -0.000+/-0.000 χ^2/NDF : 16.4/20

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 : 16.4/20

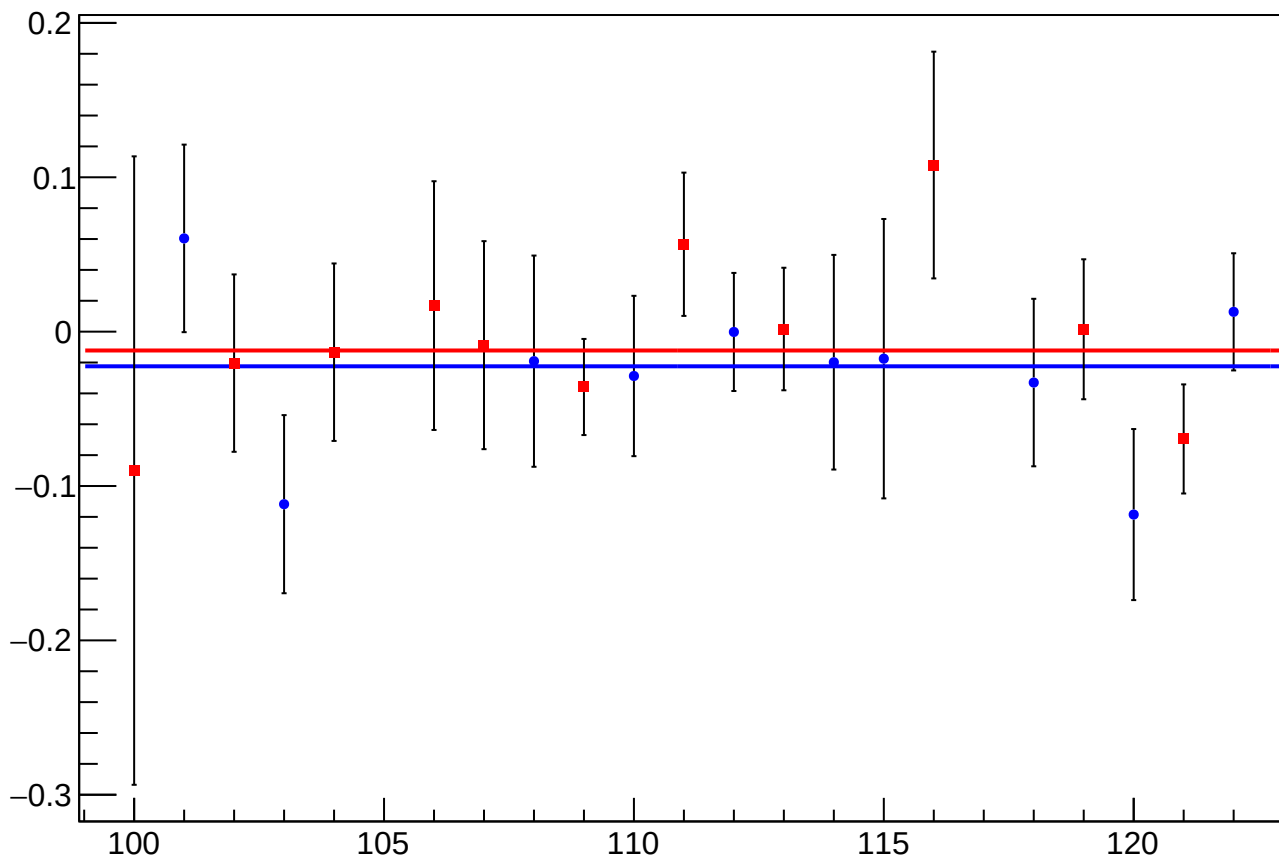
asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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 : 153474.2/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 479314.6/20
 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 : 479314.6/20

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.017 χ^2 /NDF: 8.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.015 χ^2 /NDF: 8.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

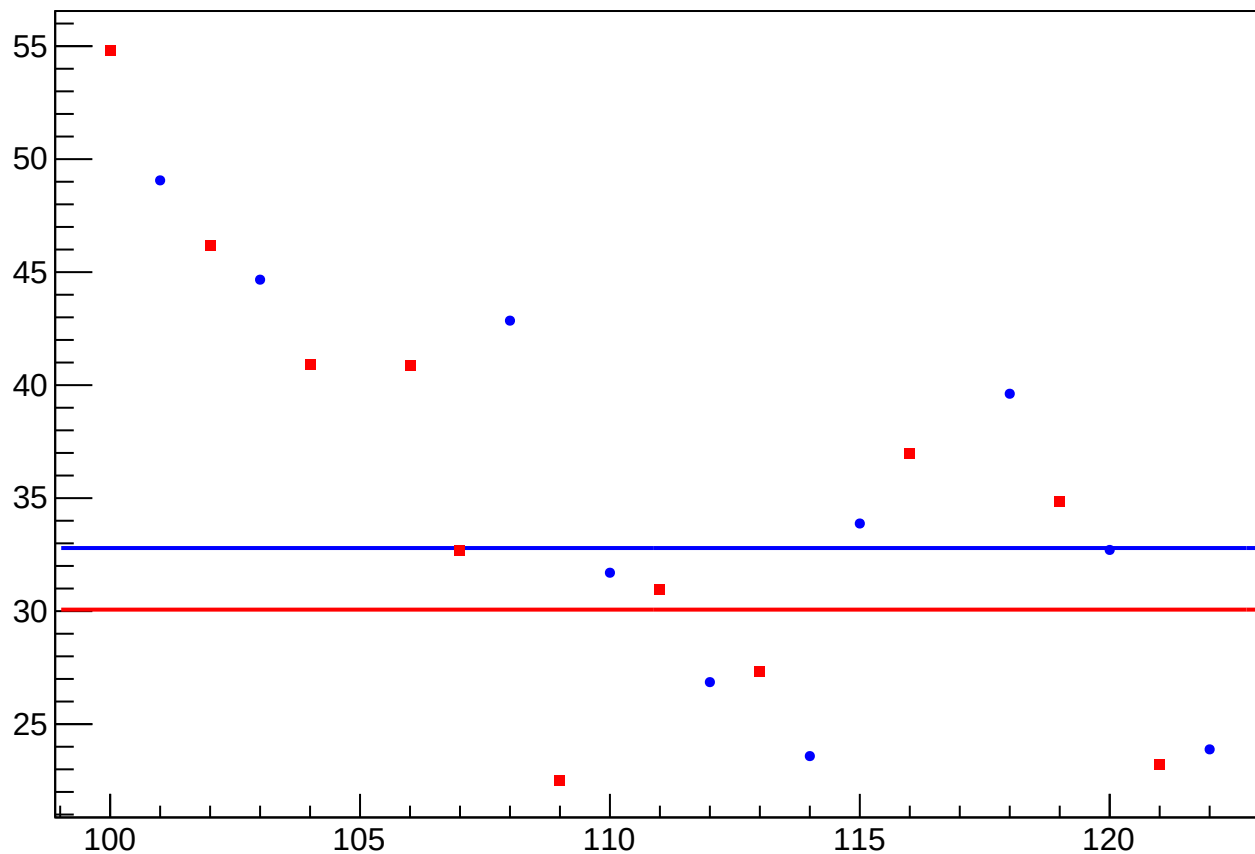
Right: -0.017 $\pm$ 0.011 χ^2 /NDF: 17.3/20

In: -0.022 $\pm$ 0.017 χ^2 /NDF:8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.011 χ^2 /NDF: 17.3/20

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: 30.067+/-0.010 χ^2/NDF : 540564.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

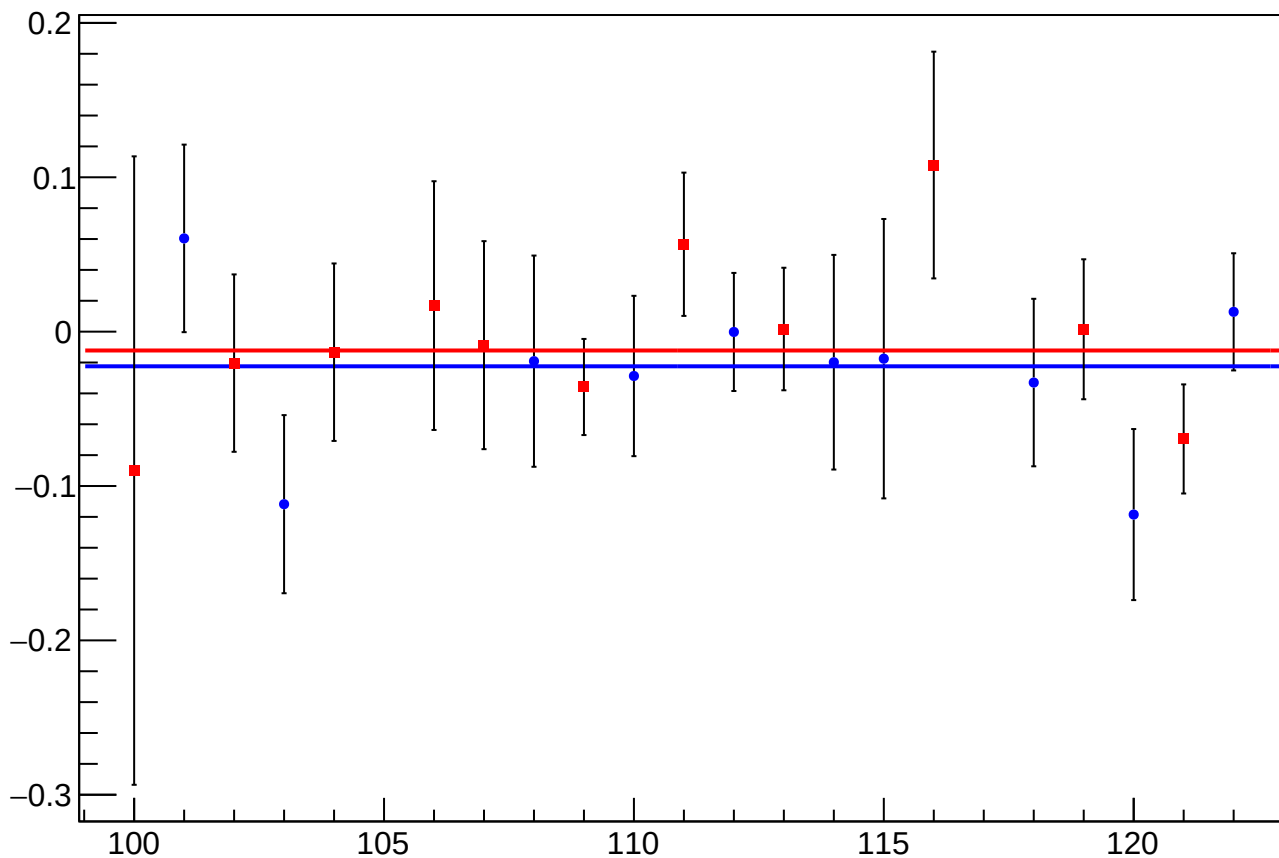
Right: 31.249+/-0.008 χ^2/NDF : 1067873.2/20

In: 32.792+/-0.012 χ^2/NDF : 497631.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.249+/-0.008 χ^2/NDF : 1067873.2/20

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.017 χ^2 /NDF: 8.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.015 χ^2 /NDF: 8.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

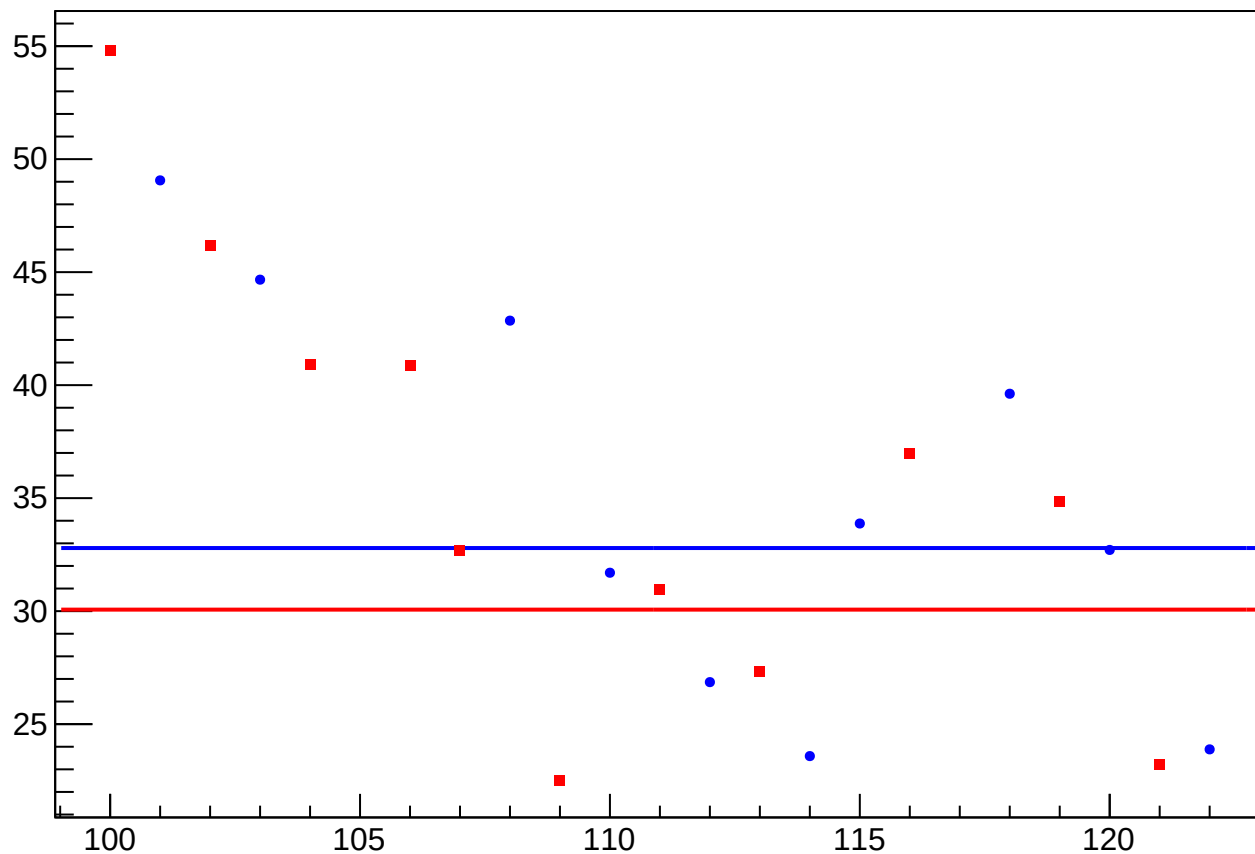
Right: -0.017 $\pm$ 0.011 χ^2 /NDF: 17.3/20

In: -0.022 $\pm$ 0.017 χ^2 /NDF:8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.011 χ^2 /NDF: 17.3/20

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: 30.067+/-0.010 χ^2/NDF : 540564.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

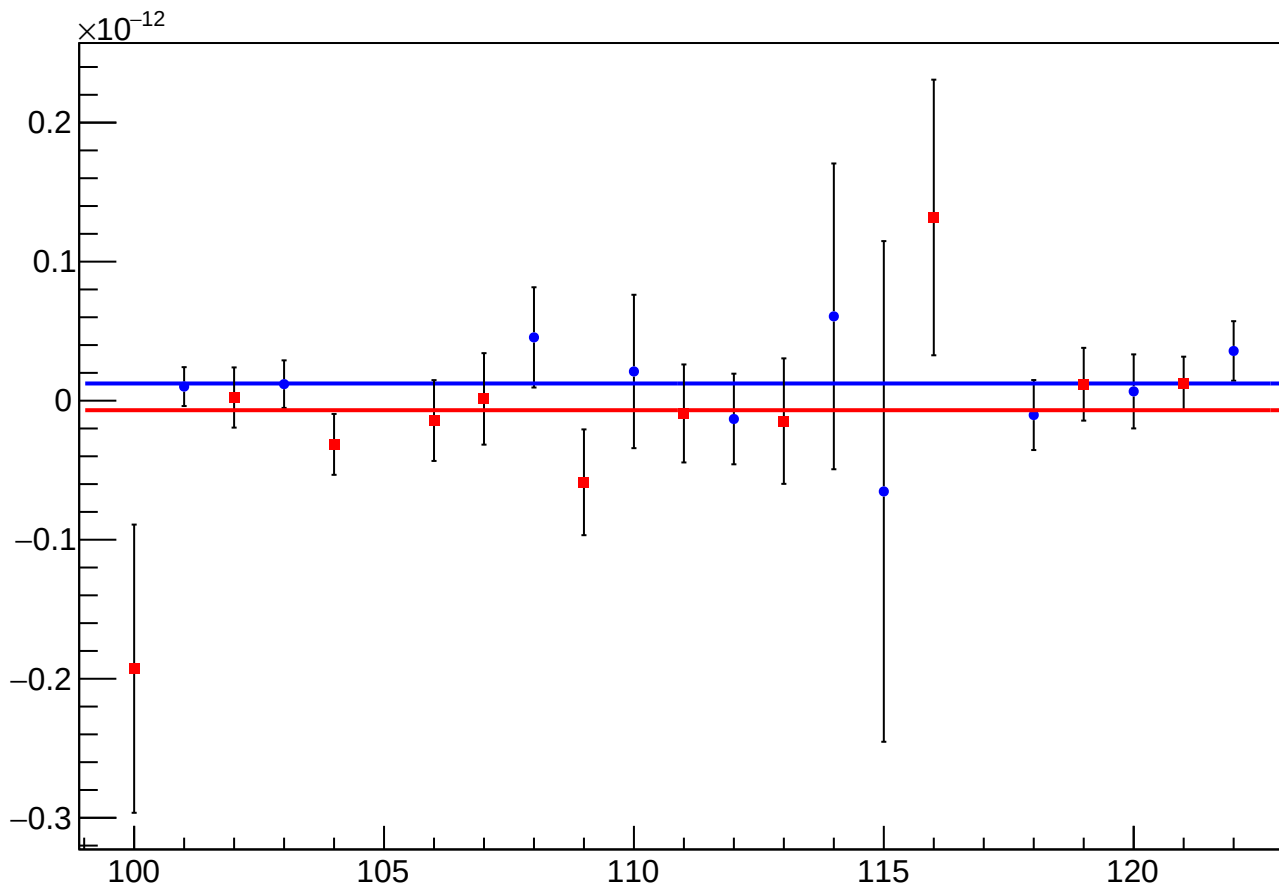
Right: 31.249+/-0.008 χ^2/NDF : 1067873.2/20

In: 32.792+/-0.012 χ^2/NDF : 497631.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.249+/-0.008 χ^2/NDF : 1067873.2/20

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 : 10.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

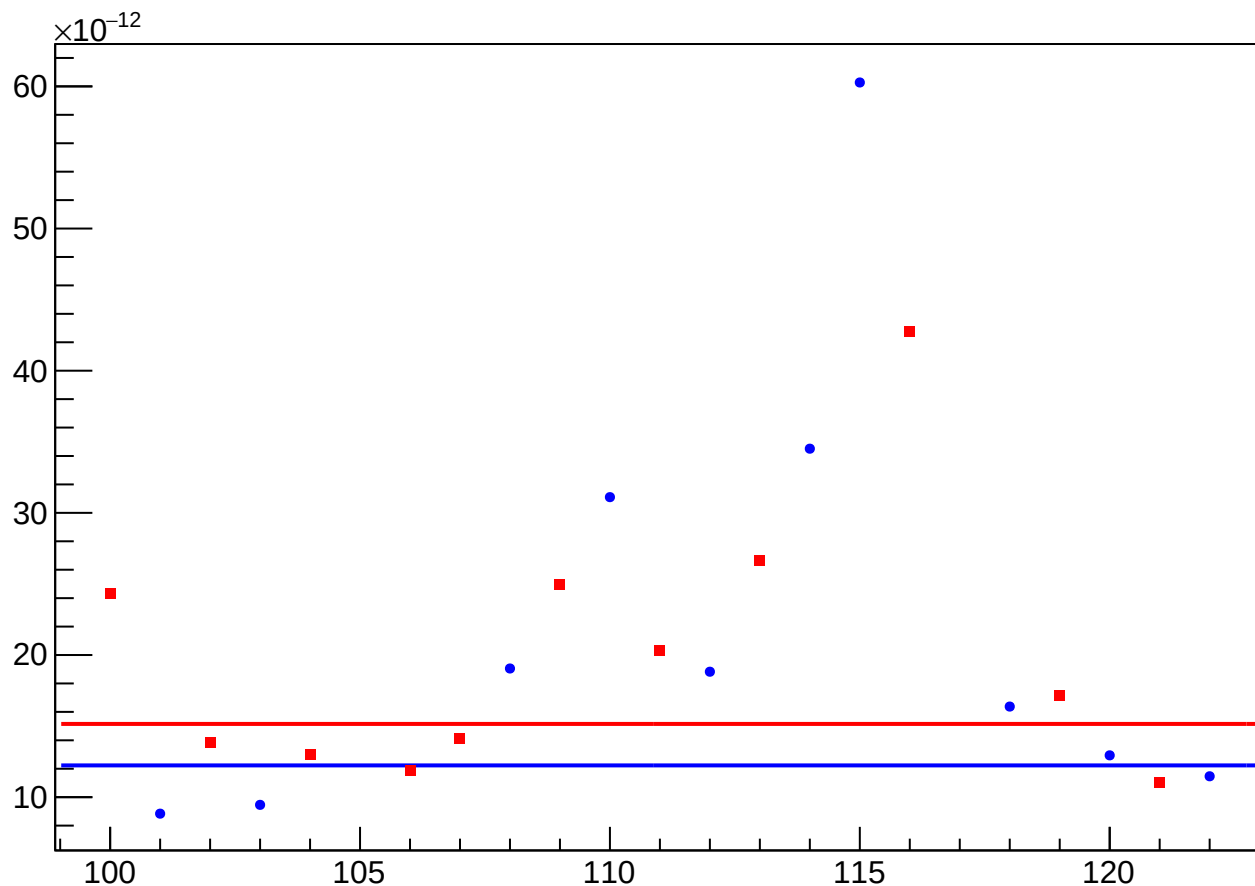
Right: 0.000+/-0.000 χ^2/NDF : 16.6/20

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 : 16.6/20

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 : 634084.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

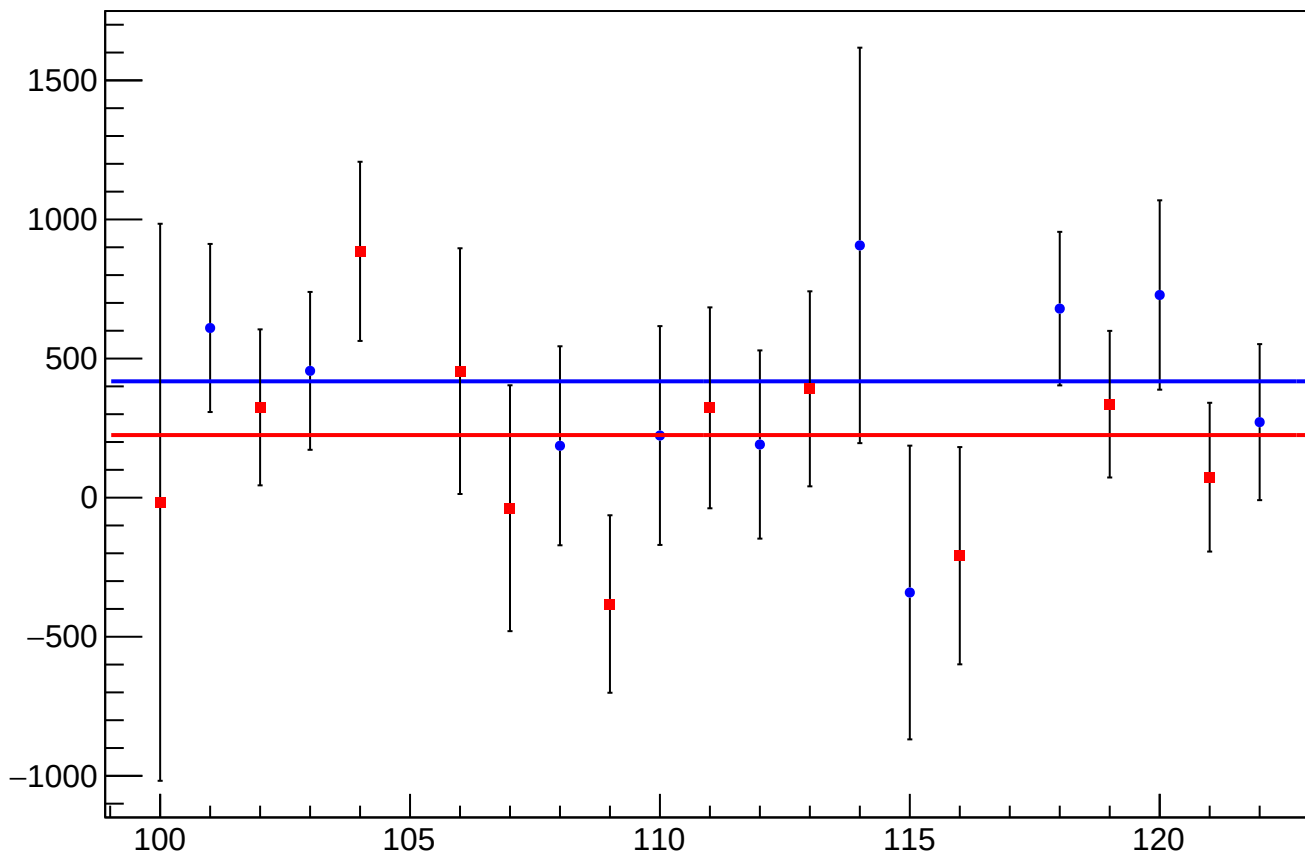
Right: 0.000+/-0.000 χ^2/NDF : 1594099.9/20

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 : 1594099.9/20

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 418.173+/-107.557 χ^2/NDF : 6.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.984+/-103.041 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

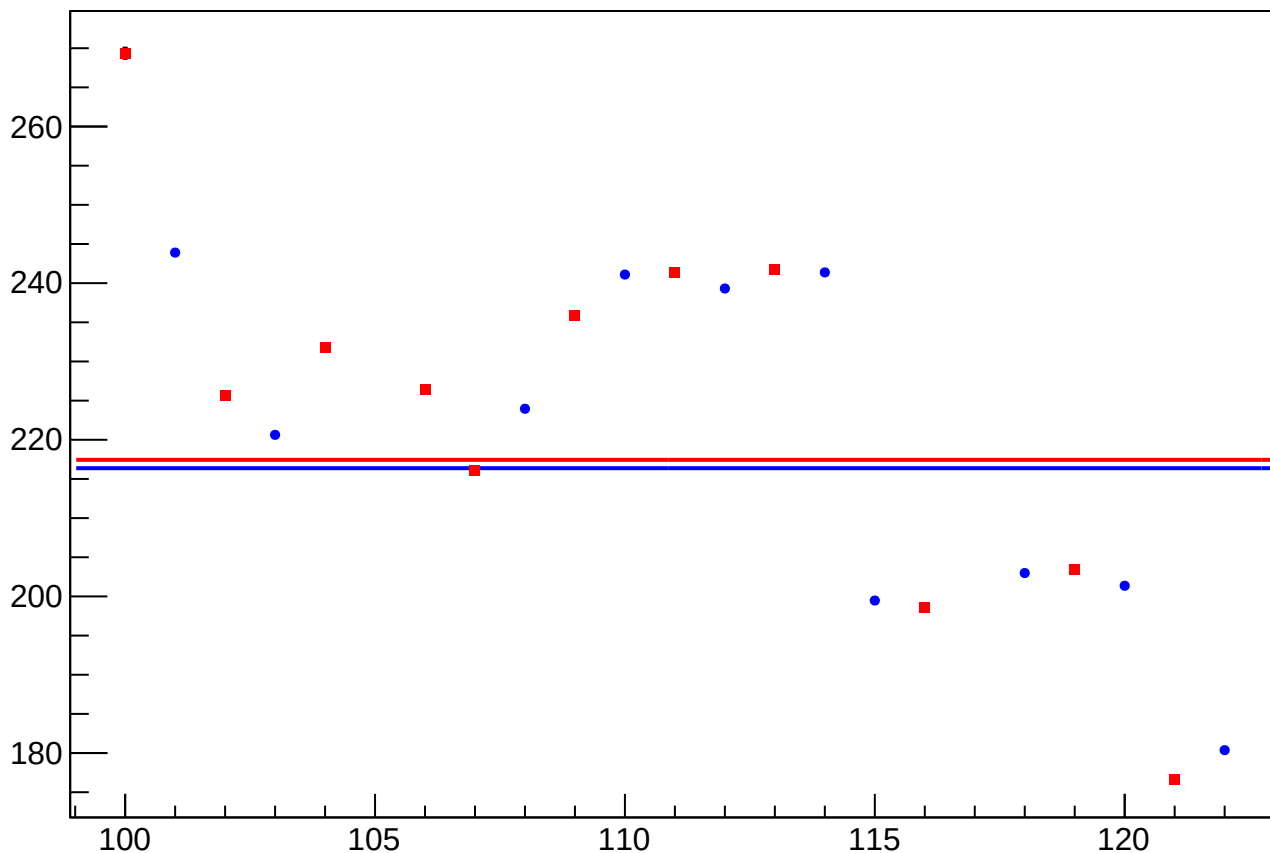
Right: 317.437+/-74.406 χ^2/NDF : 18.4/20

In: 418.173+/-107.557 χ^2/NDF : 6.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.437+/-74.406 χ^2/NDF : 18.4/20

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: 217.441 $\pm$ 0.073 χ^2 /NDF: 93802.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

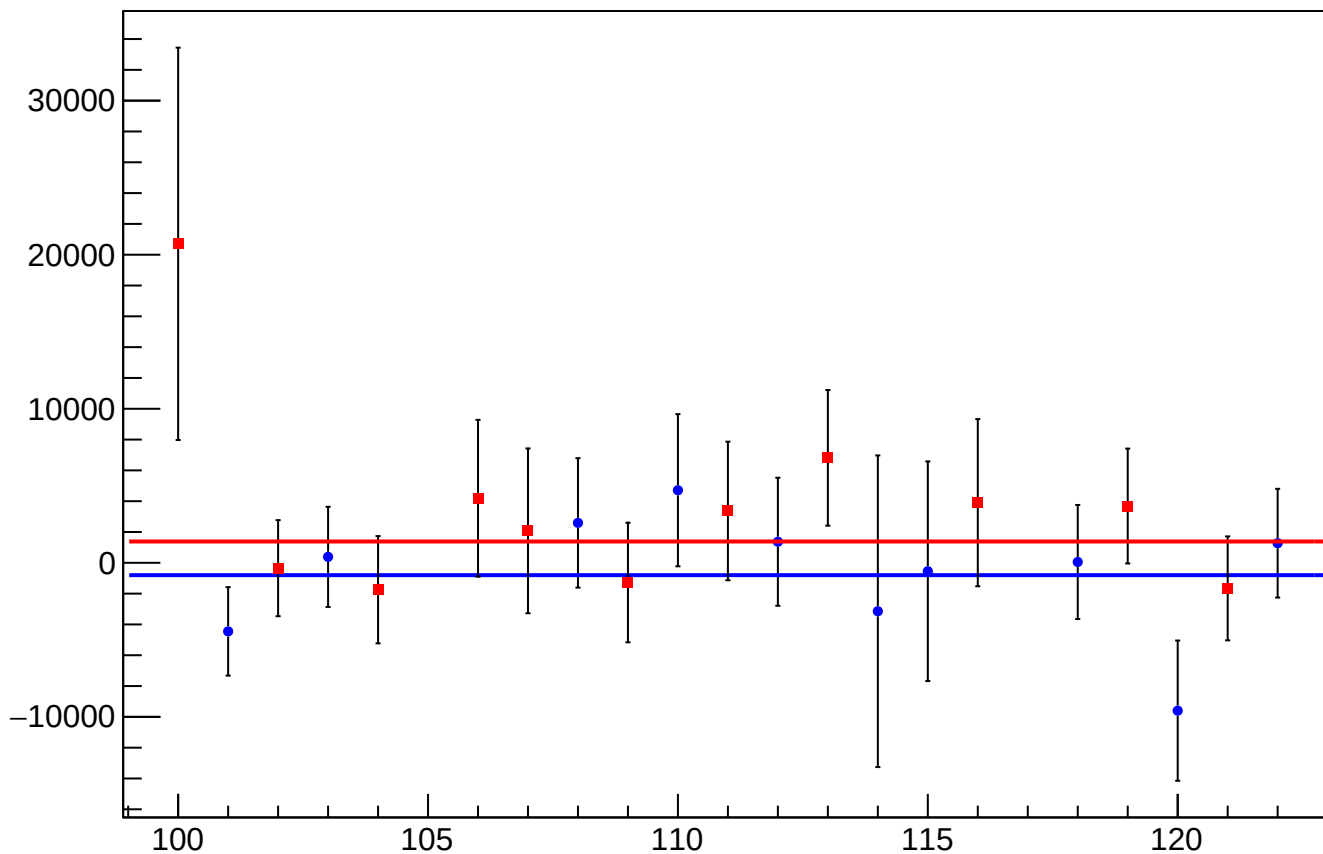
Right: 216.929 $\pm$ 0.053 χ^2 /NDF: 175051.6/20

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: 216.929 $\pm$ 0.053 χ^2 /NDF: 175051.6/20

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: 1384.657+/-1263.729 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

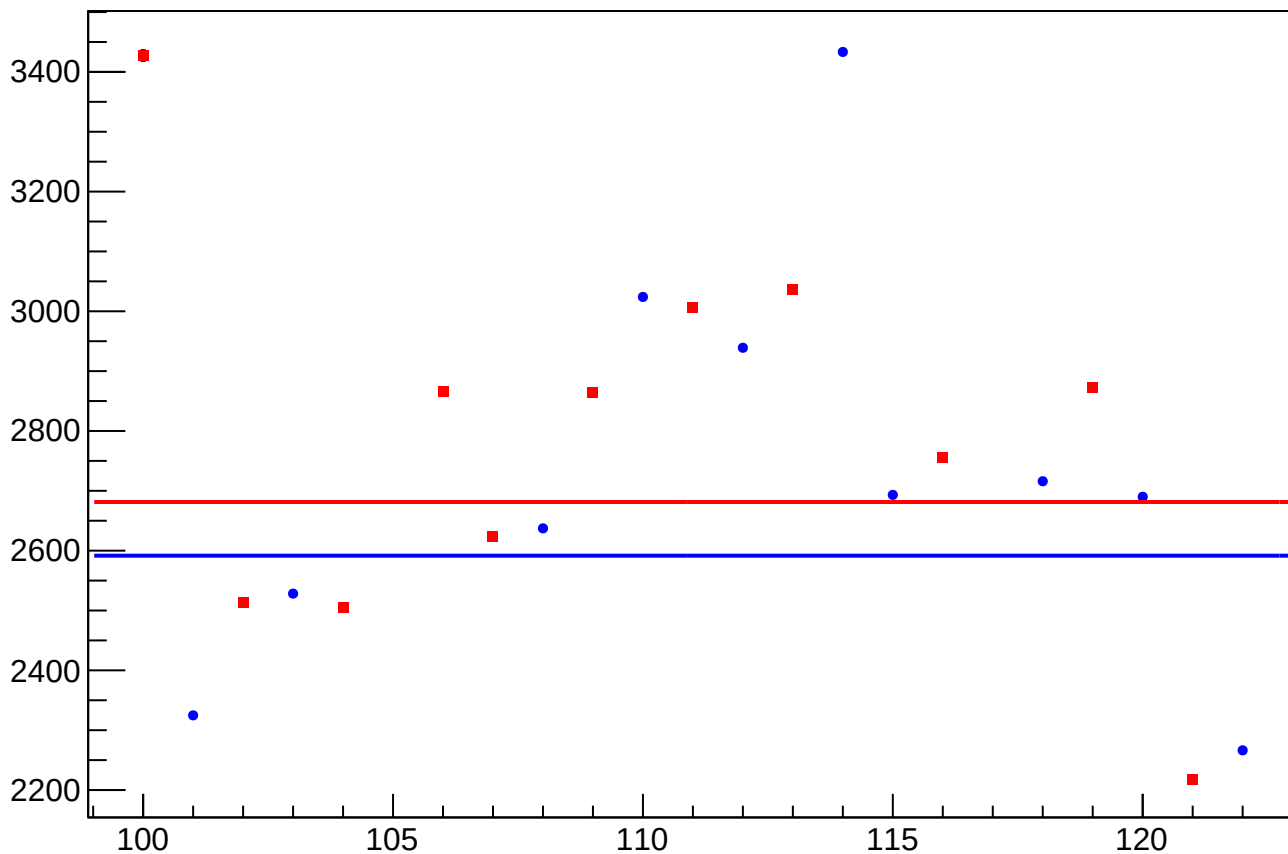
Right: 312.917+/-902.156 χ^2/NDF : 16.9/20

In: -800.918+/-1288.309 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.917+/-902.156 χ^2/NDF : 16.9/20

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: 2681.281+/-0.894 χ^2/NDF : 91969.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

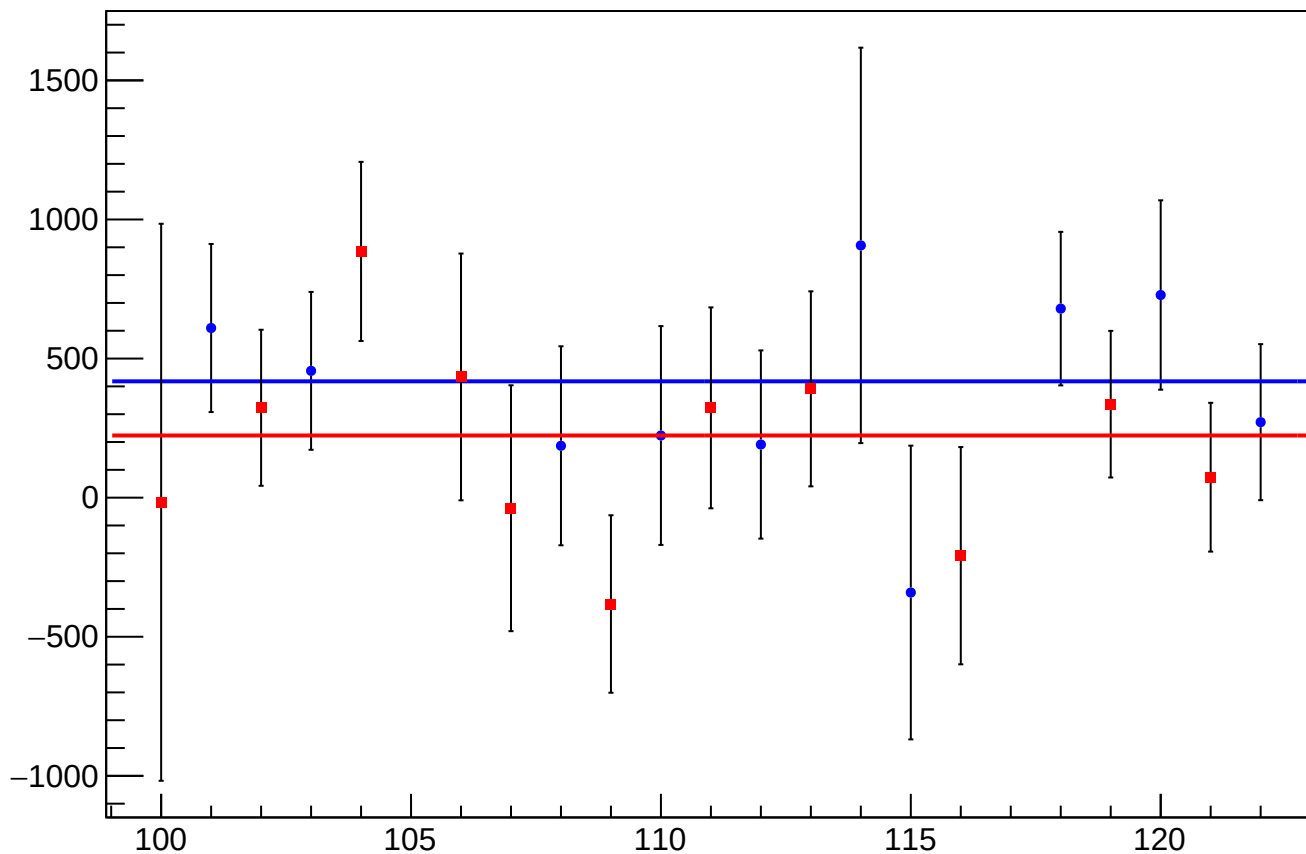
Right: 2637.304+/-0.638 χ^2/NDF : 178918.2/20

In: 2591.599+/-0.911 χ^2/NDF : 82009.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2637.304+/-0.638 χ^2/NDF : 178918.2/20

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 418.193+/-107.557 χ^2/NDF : 6.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.529+/-103.068 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

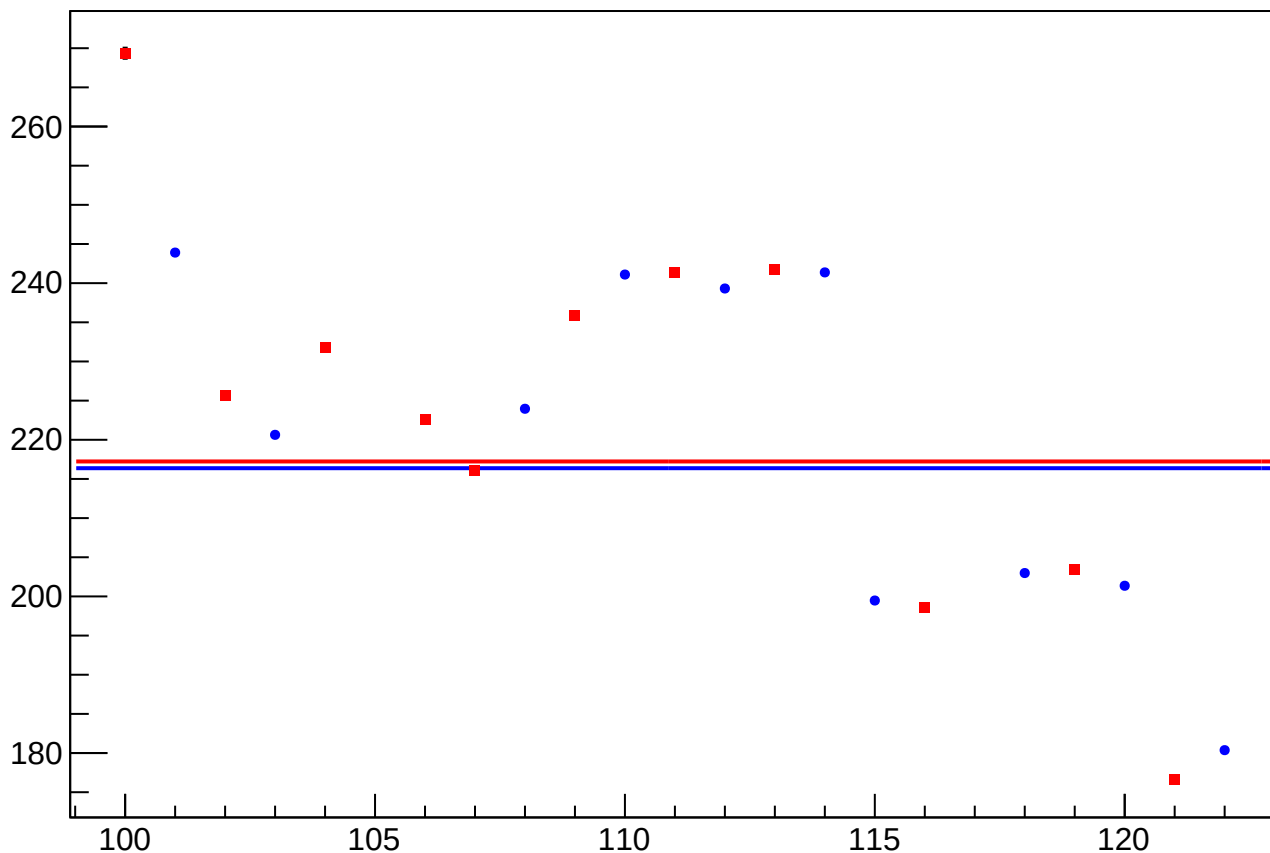
Right: 316.714+/-74.417 χ^2/NDF : 18.4/20

In: 418.193+/-107.557 χ^2/NDF : 6.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.714+/-74.417 χ^2/NDF : 18.4/20

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: 217.233+/-0.073 χ^2/NDF : 93249.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

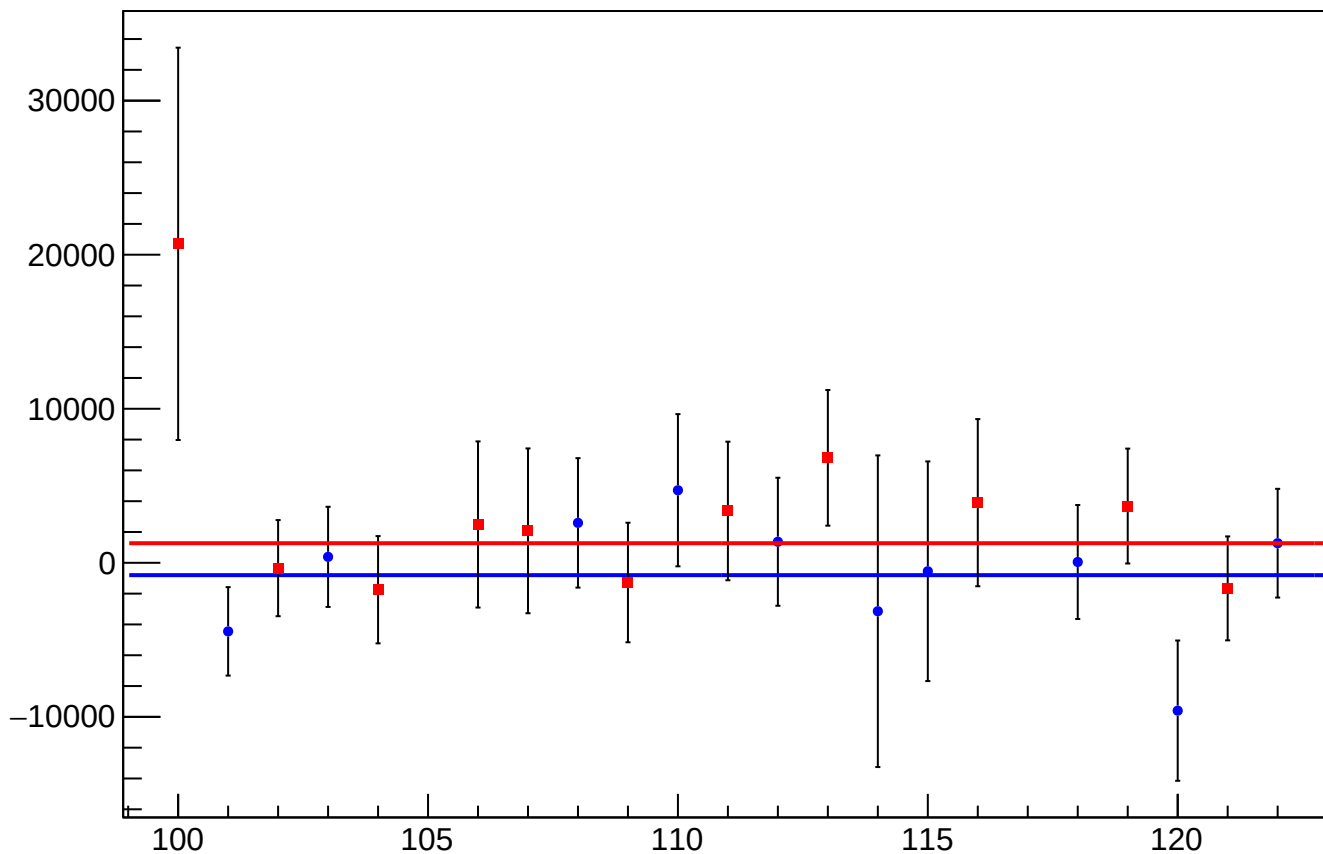
Right: 216.821+/-0.053 χ^2/NDF : 174462.4/20

In: 216.372+/-0.076 χ^2/NDF : 81145.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.821+/-0.053 χ^2/NDF : 174462.4/20

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: 1272.336+/-1268.059 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

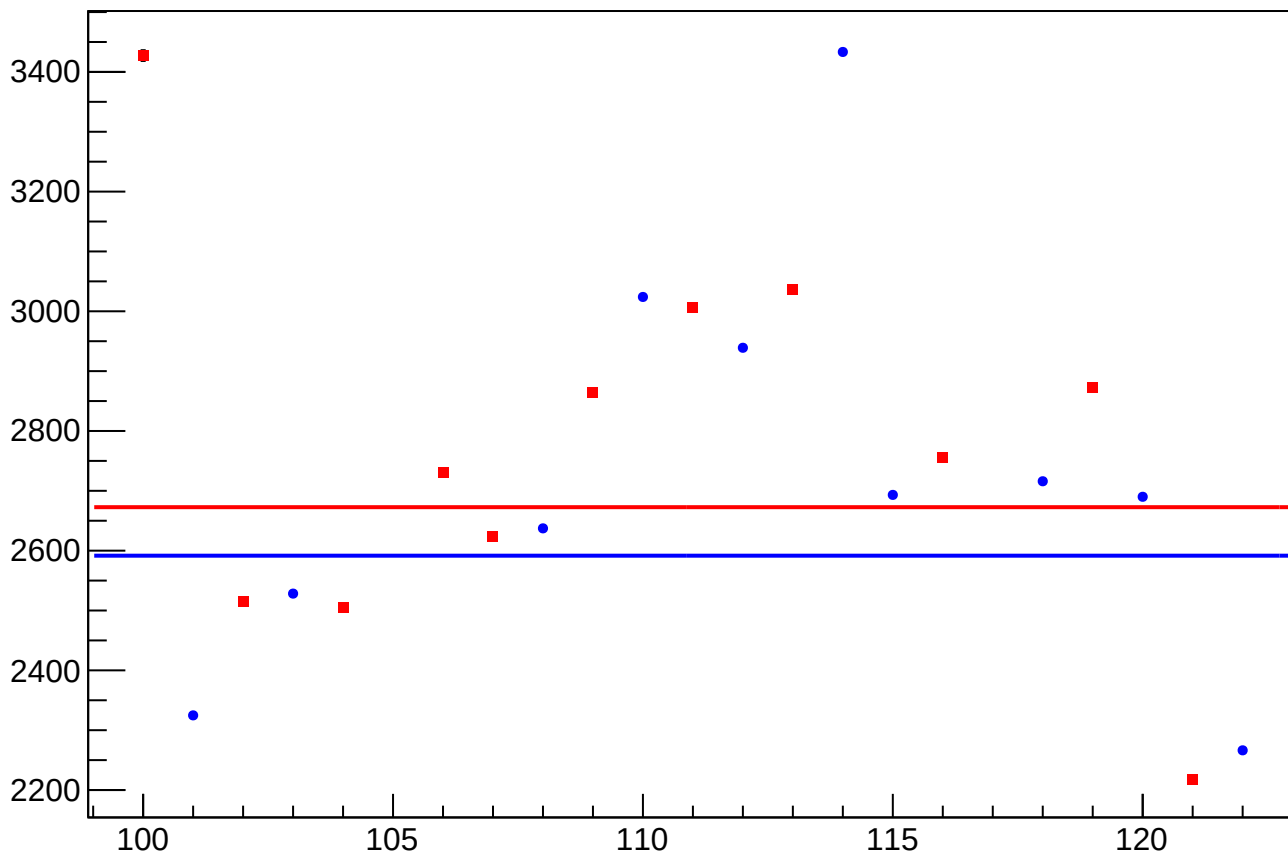
Right: 252.190+/-903.729 χ^2/NDF : 16.5/20

In: -800.806+/-1288.314 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.190+/-903.729 χ^2/NDF : 16.5/20

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: 2672.664+/-0.897 χ^2/NDF : 89319.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

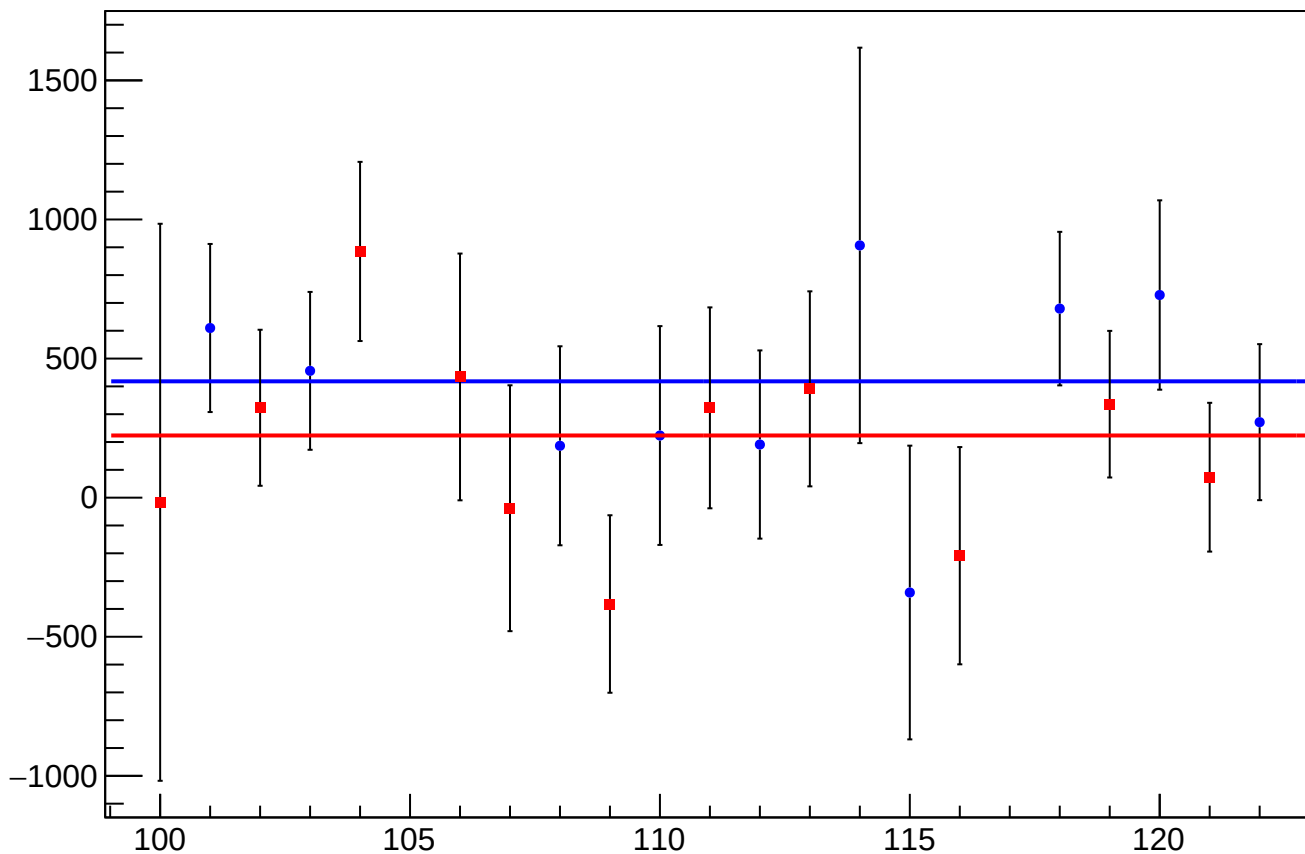
Right: 2632.779+/-0.639 χ^2/NDF : 175349.0/20

In: 2591.609+/-0.911 χ^2/NDF : 82008.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2632.779+/-0.639 χ^2/NDF : 175349.0/20

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: 223.529 $\pm$ 103.068 χ^2 /NDF: 10.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

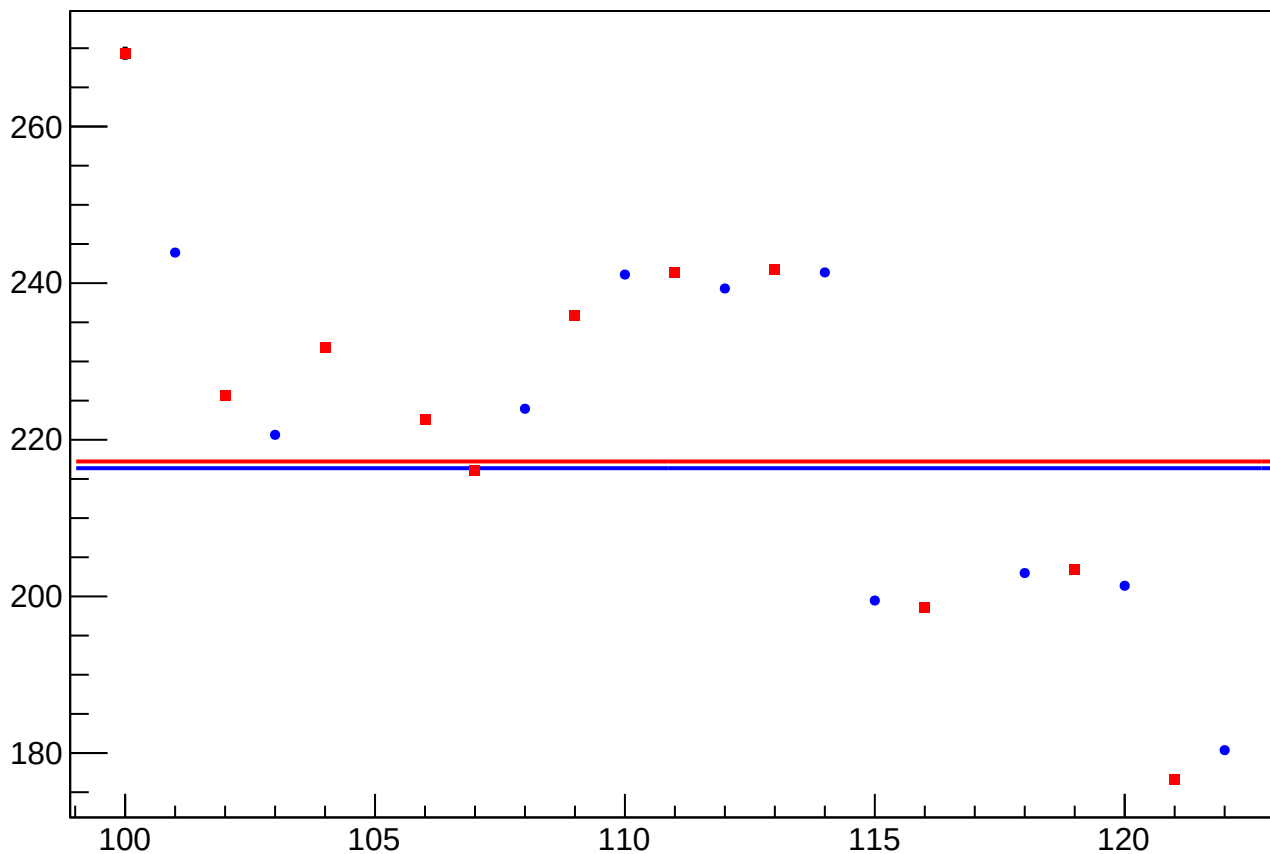
Right: 316.714 $\pm$ 74.417 χ^2 /NDF: 18.4/20

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: 316.714 $\pm$ 74.417 χ^2 /NDF: 18.4/20

eigen_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: 217.233+/-0.073 χ^2/NDF : 93249.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

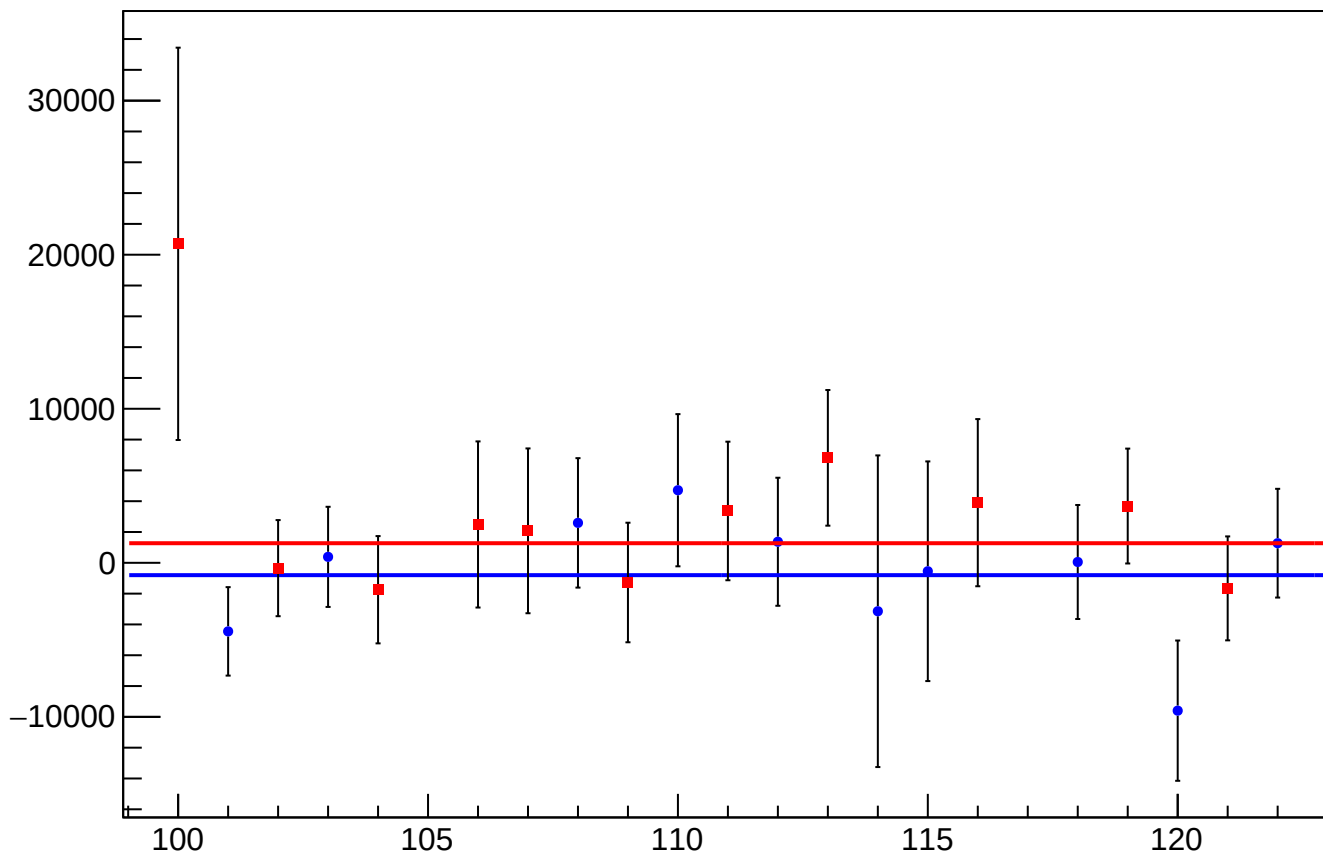
Right: 216.821+/-0.053 χ^2/NDF : 174462.4/20

In: 216.372+/-0.076 χ^2/NDF : 81145.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.821+/-0.053 χ^2/NDF : 174462.4/20

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: 1272.336+/-1268.059 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

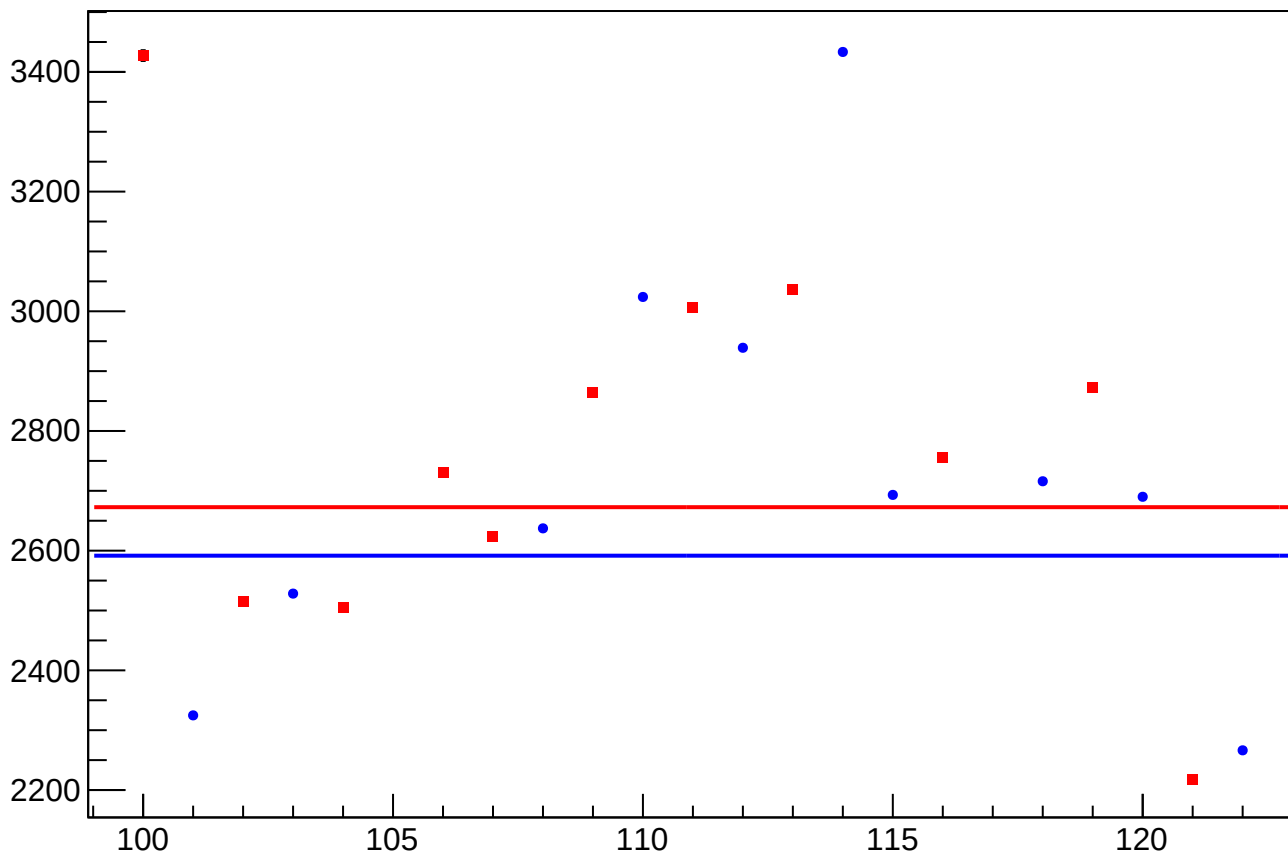
Right: 252.190+/-903.729 χ^2/NDF : 16.5/20

In: -800.806+/-1288.314 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.190+/-903.729 χ^2/NDF : 16.5/20

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: 2672.664+/-0.897 χ^2/NDF : 89319.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

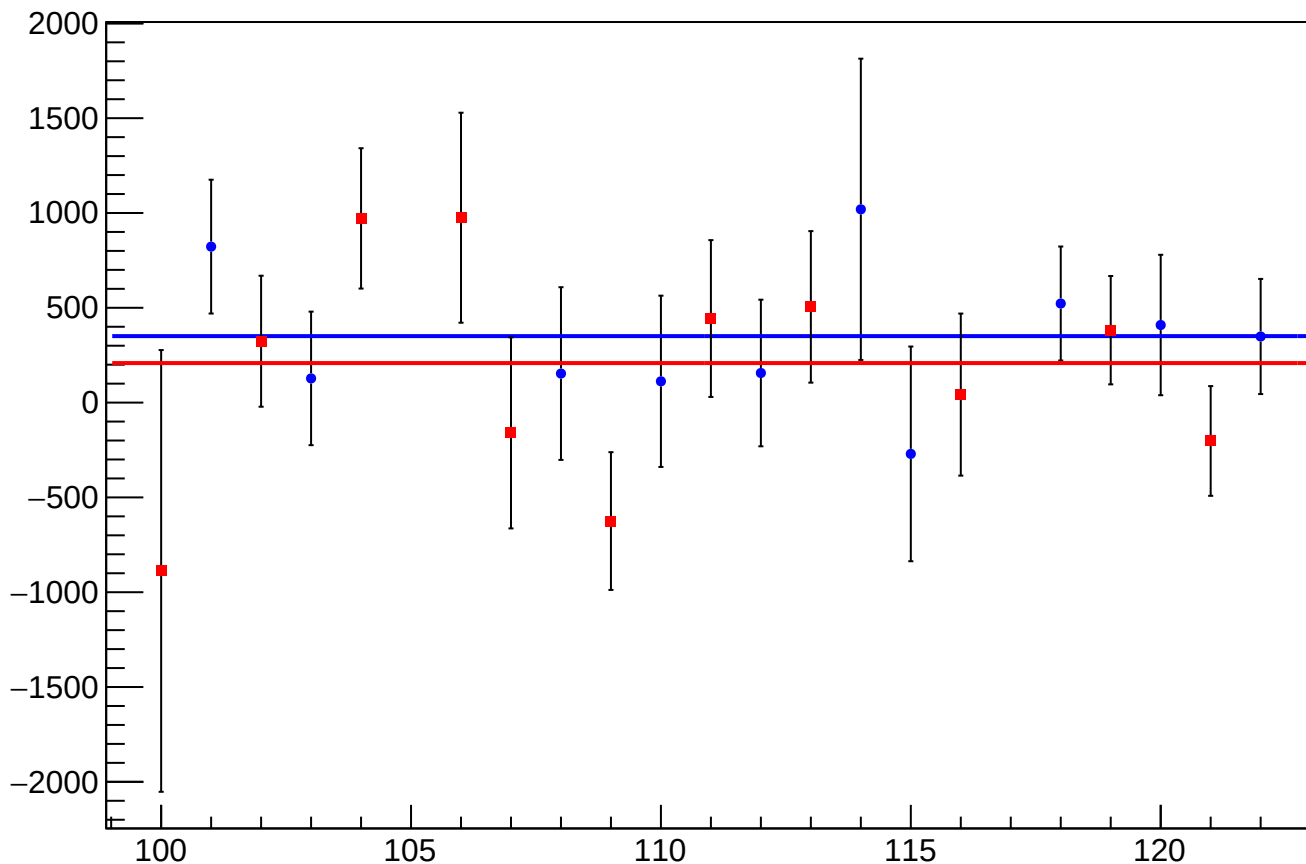
Right: 2632.779+/-0.639 χ^2/NDF : 175349.0/20

In: 2591.609+/-0.911 χ^2/NDF : 82008.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2632.779+/-0.639 χ^2/NDF : 175349.0/20

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 350.618+/-122.701 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 208.493+/-117.057 χ^2/NDF : 16.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

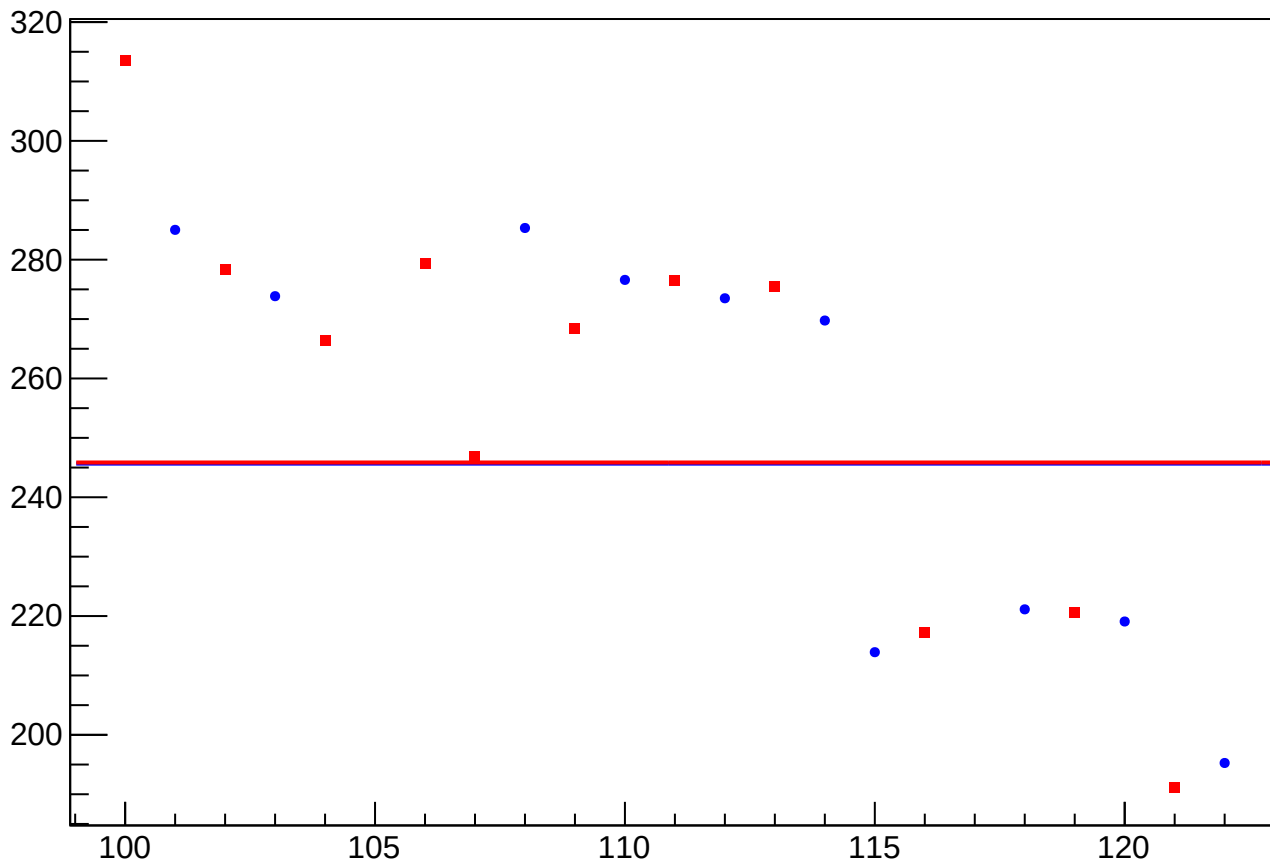
Right: 276.212+/-84.697 χ^2/NDF : 22.2/20

In: 350.618+/-122.701 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.212+/-84.697 χ^2/NDF : 22.2/20

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: 245.854 $\pm$ 0.083 χ^2 /NDF: 163686.0/10

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

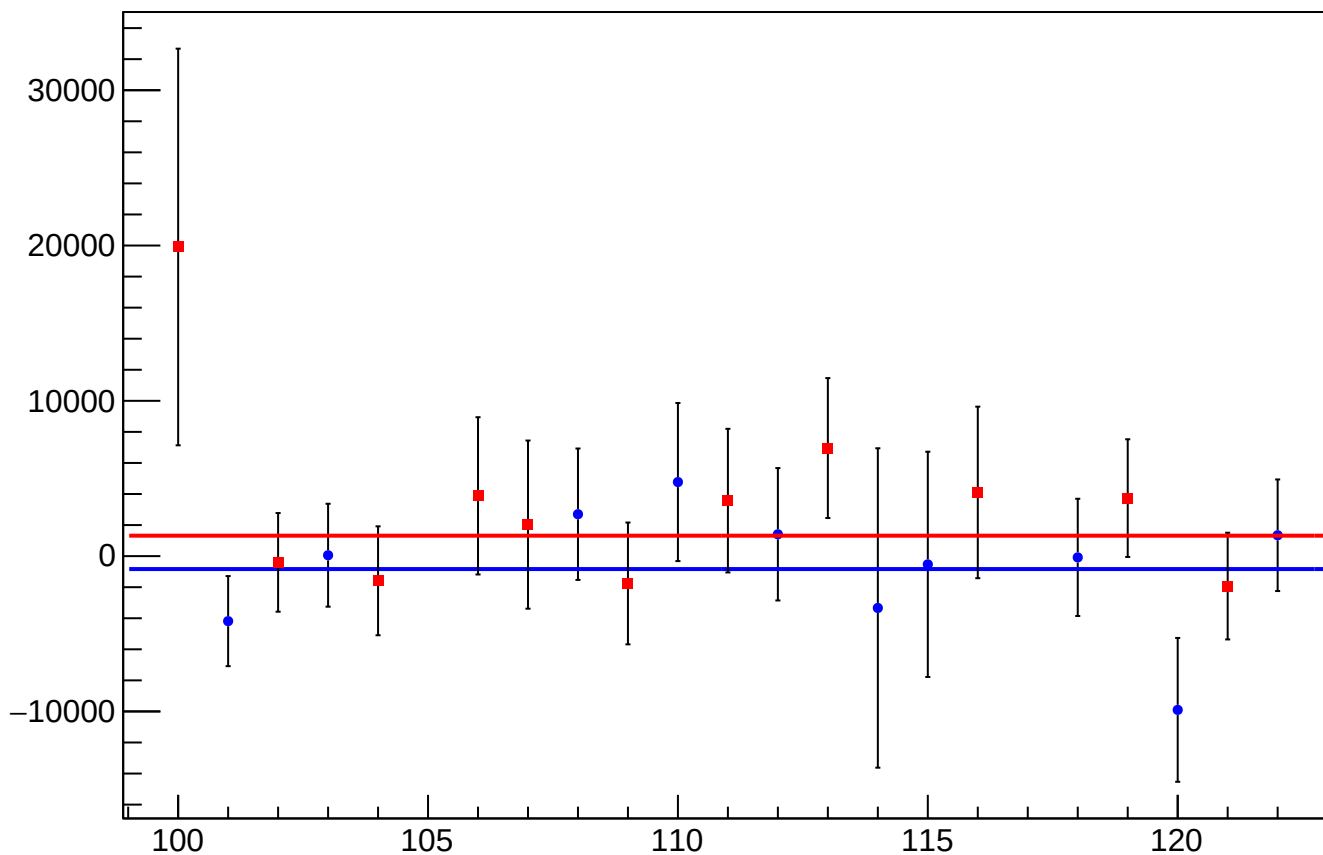
Right: 245.762 $\pm$ 0.060 χ^2 /NDF: 323170.3/20

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: 245.762 $\pm$ 0.060 χ^2 /NDF: 323170.3/20

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: 1316.755+/-1282.585 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

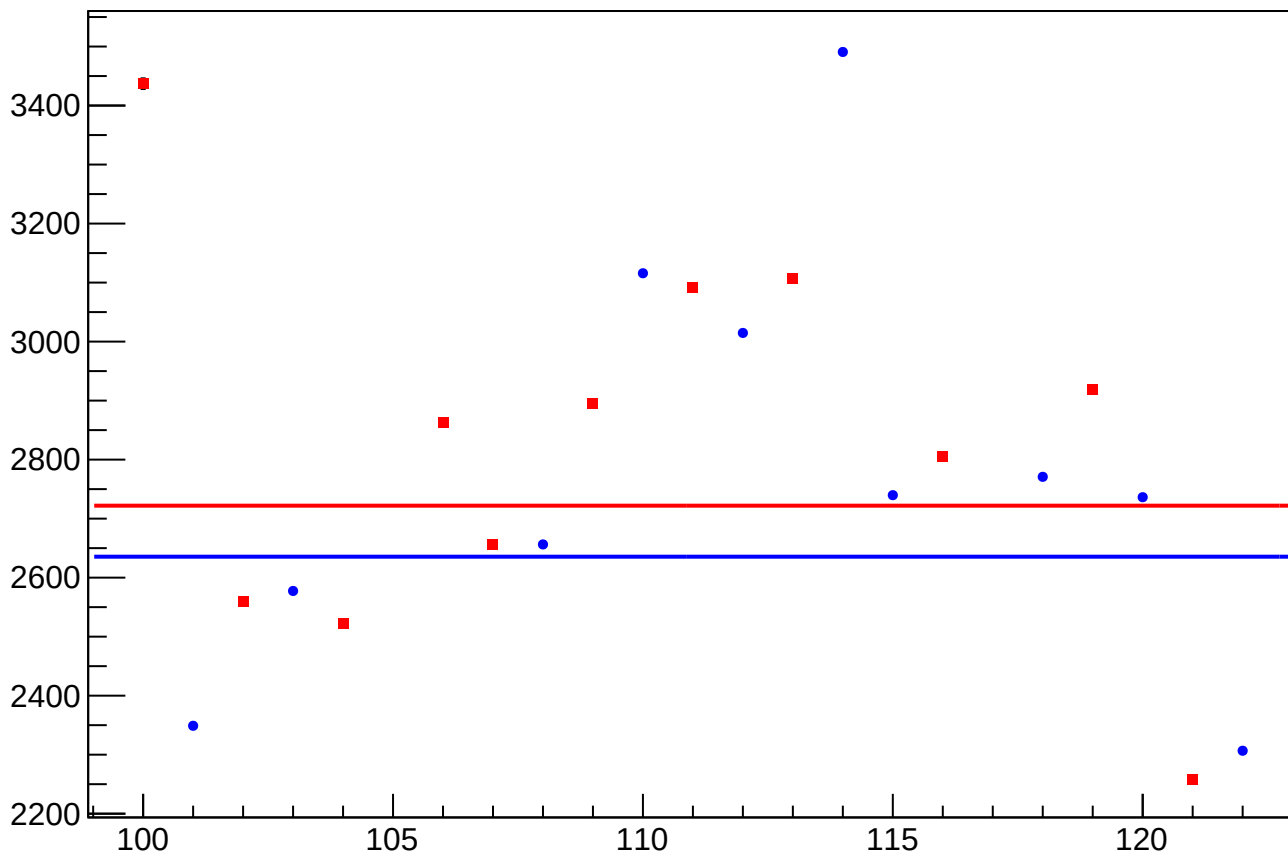
Right: 265.255+/-916.636 χ^2/NDF : 16.6/20

In: -832.522+/-1310.504 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.255+/-916.636 χ^2/NDF : 16.6/20

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: 2721.959+/-0.907 χ^2/NDF : 93323.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

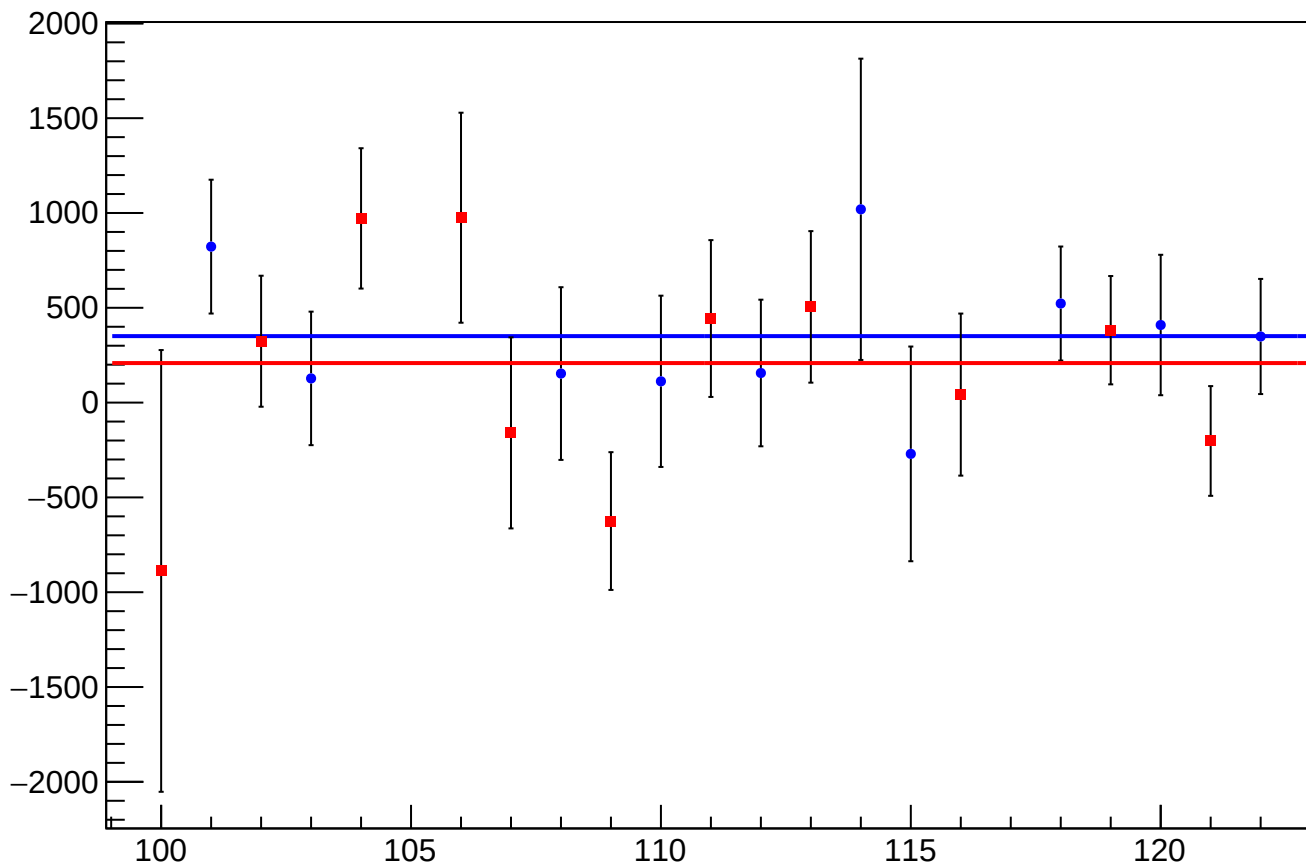
Right: 2679.663+/-0.648 χ^2/NDF : 186116.6/20

In: 2635.507+/-0.927 χ^2/NDF : 88347.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2679.663+/-0.648 χ^2/NDF : 186116.6/20

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: 208.488 $\pm$ 117.056 χ^2 /NDF: 16.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

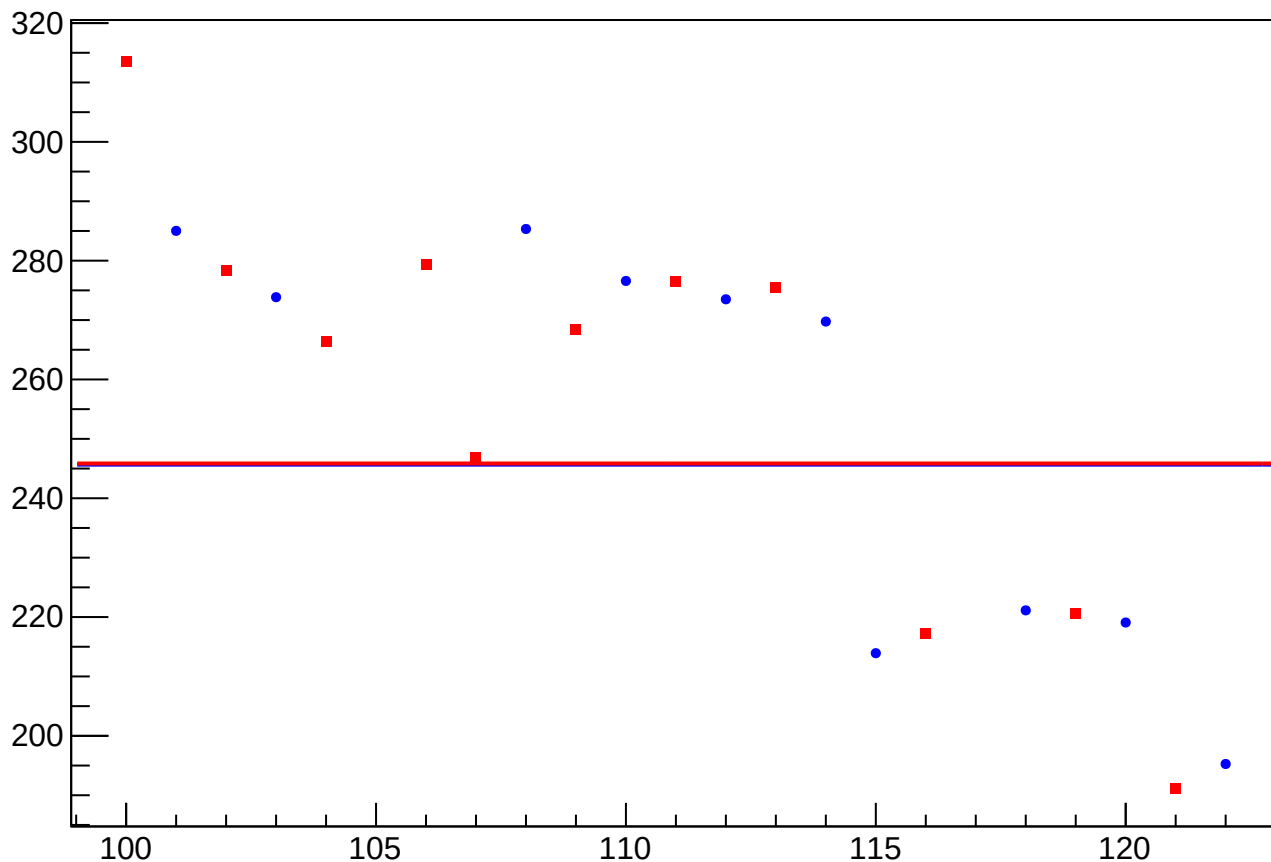
Right: 276.209 $\pm$ 84.696 χ^2 /NDF: 22.2/20

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: 276.209 $\pm$ 84.696 χ^2 /NDF: 22.2/20

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: 245.853+/-0.083 χ^2/NDF : 163680.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

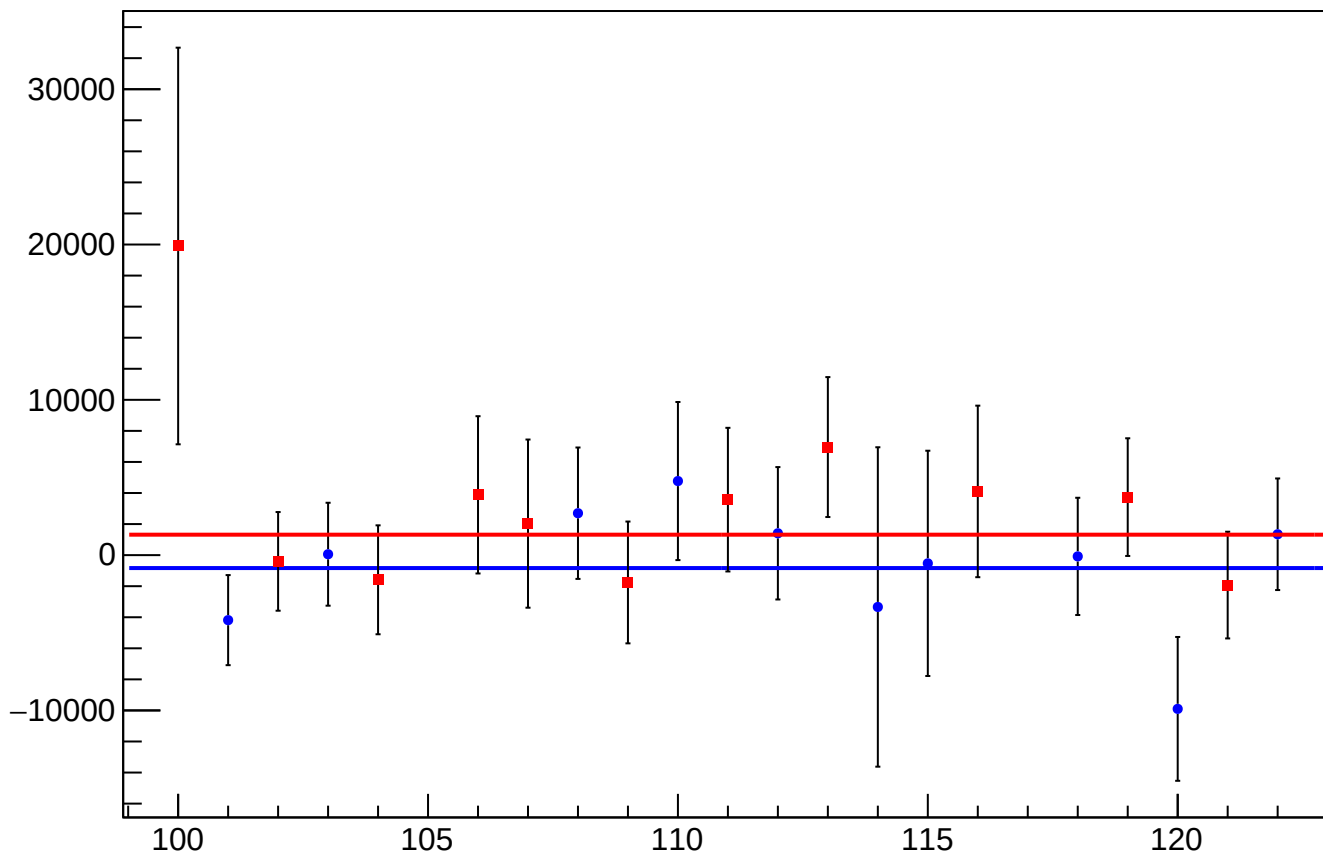
Right: 245.760+/-0.060 χ^2/NDF : 323160.7/20

In: 245.659+/-0.087 χ^2/NDF : 159477.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.760+/-0.060 χ^2/NDF : 323160.7/20

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: 1316.752+/-1282.582 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

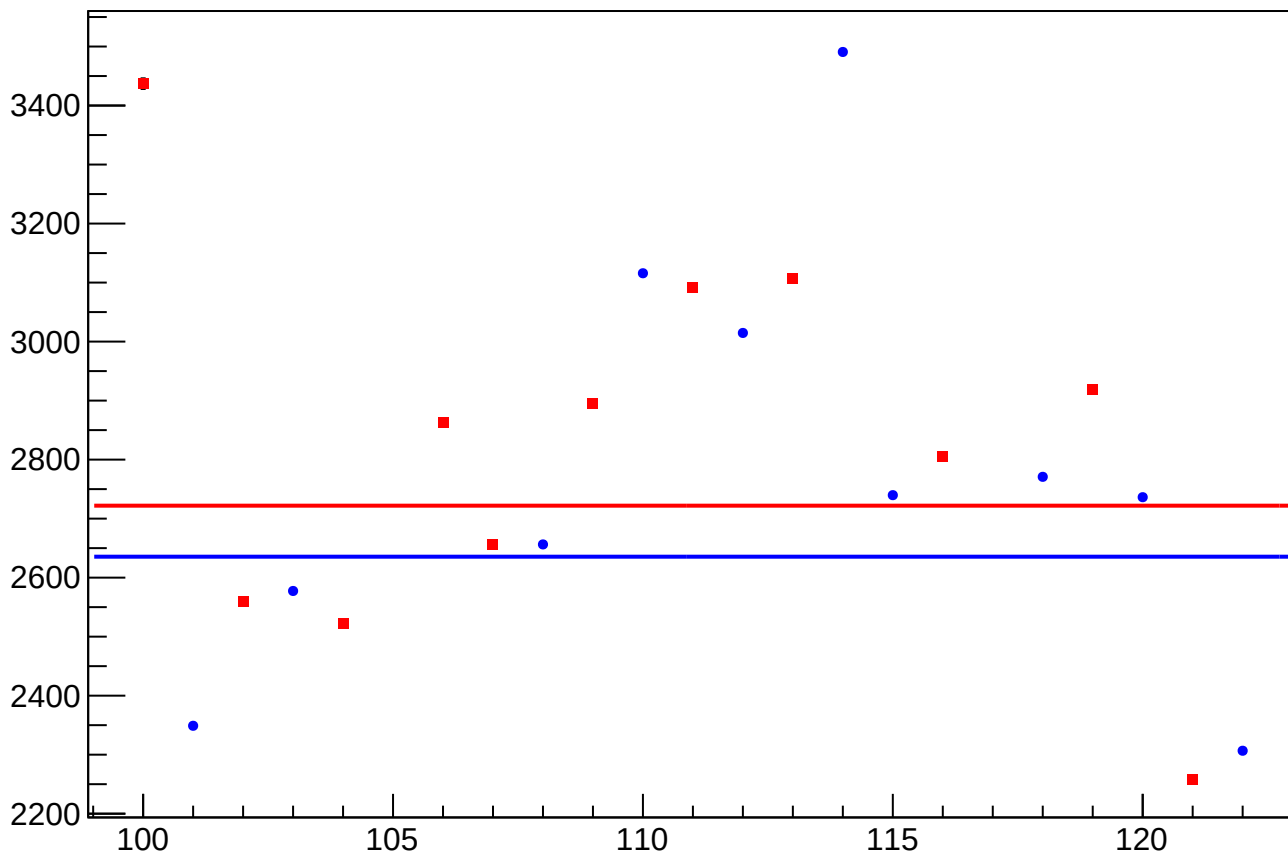
Right: 265.254+/-916.634 χ^2/NDF : 16.6/20

In: -832.521+/-1310.501 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.254+/-916.634 χ^2/NDF : 16.6/20

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: 2721.952+/-0.907 χ^2/NDF : 93322.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

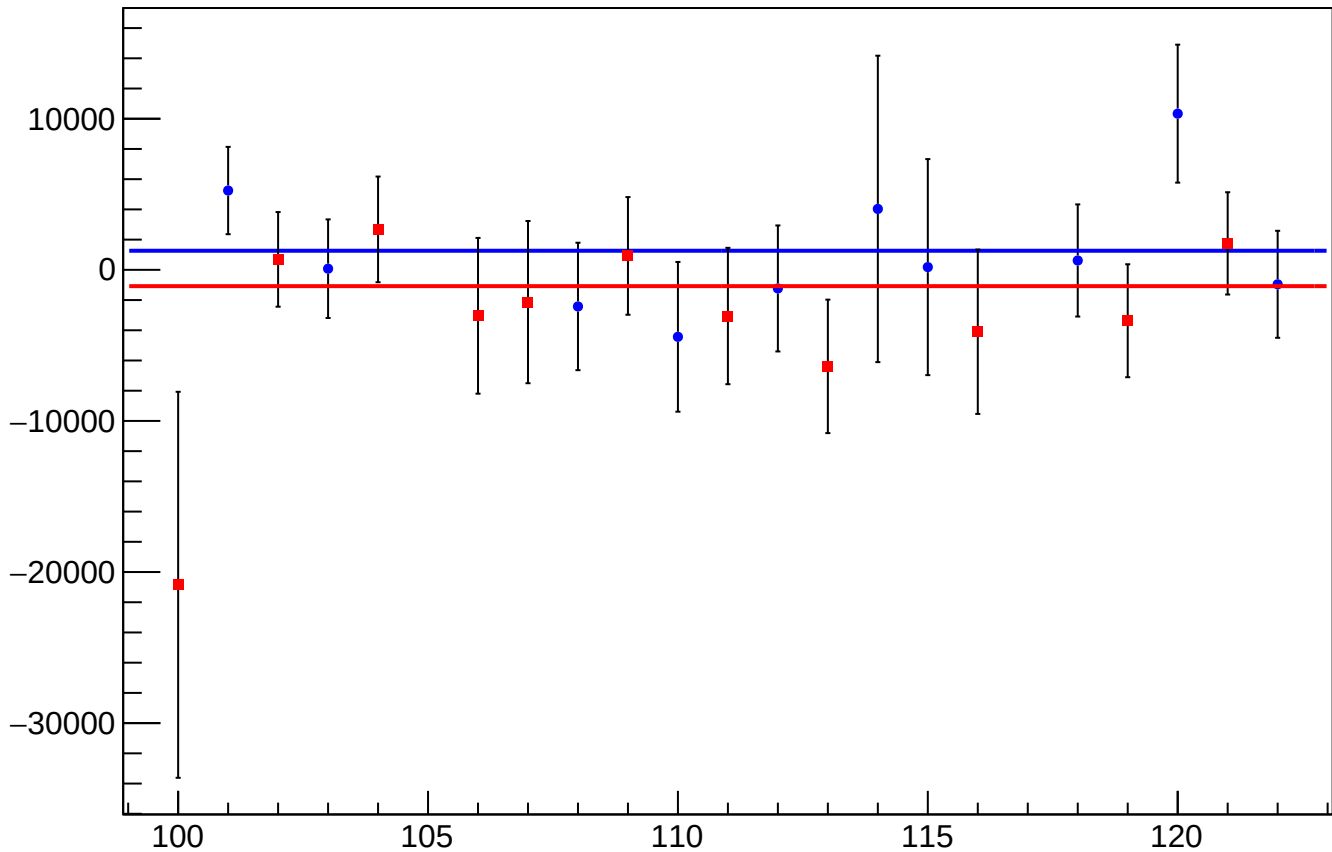
Right: 2679.657+/-0.648 χ^2/NDF : 186113.0/20

In: 2635.501+/-0.927 χ^2/NDF : 88345.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2679.657+/-0.648 χ^2/NDF : 186113.0/20

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: -1079.405+/-1268.803 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

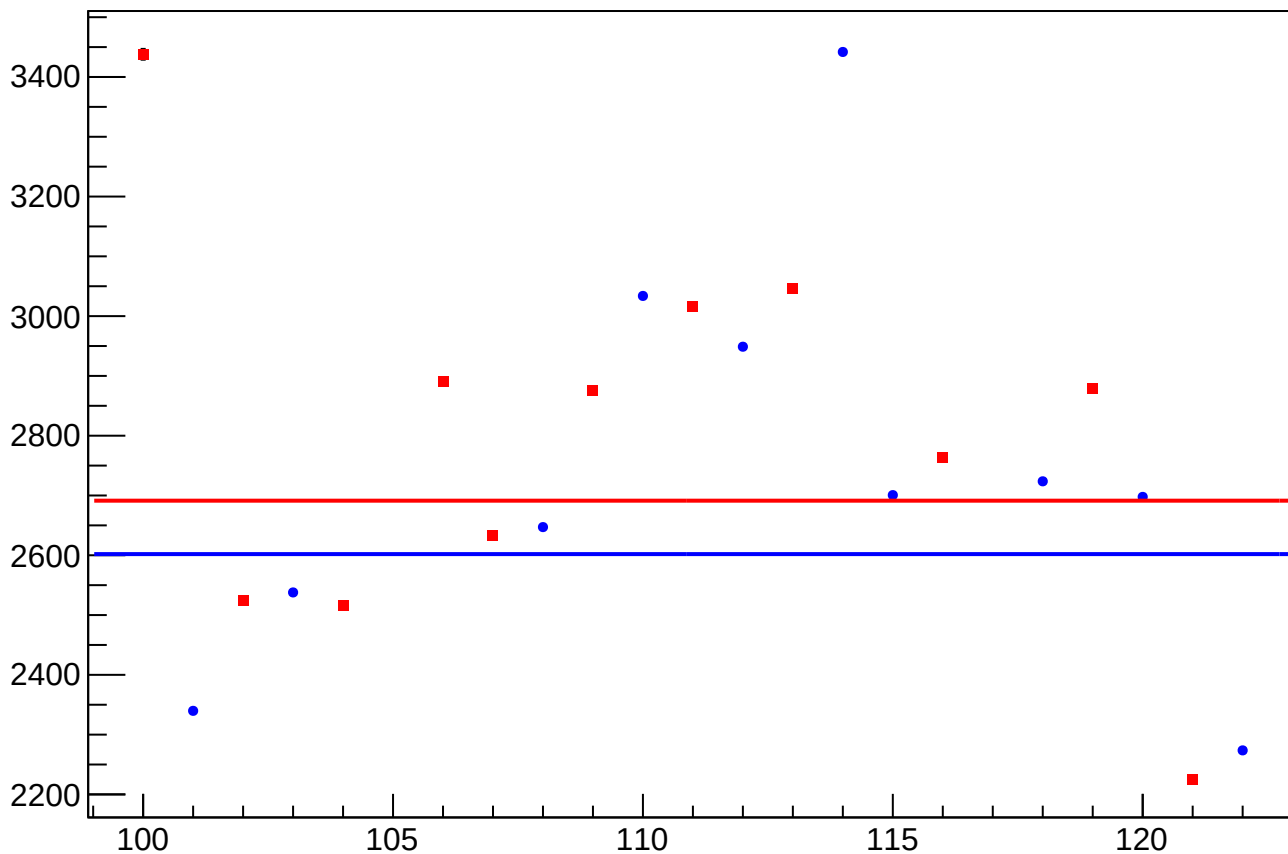
Right: 69.551+/-905.730 χ^2/NDF : 18.0/20

In: 1263.376+/-1293.341 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.551+/-905.730 χ^2/NDF : 18.0/20

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: 2691.319+/-0.897 χ^2/NDF : 91883.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

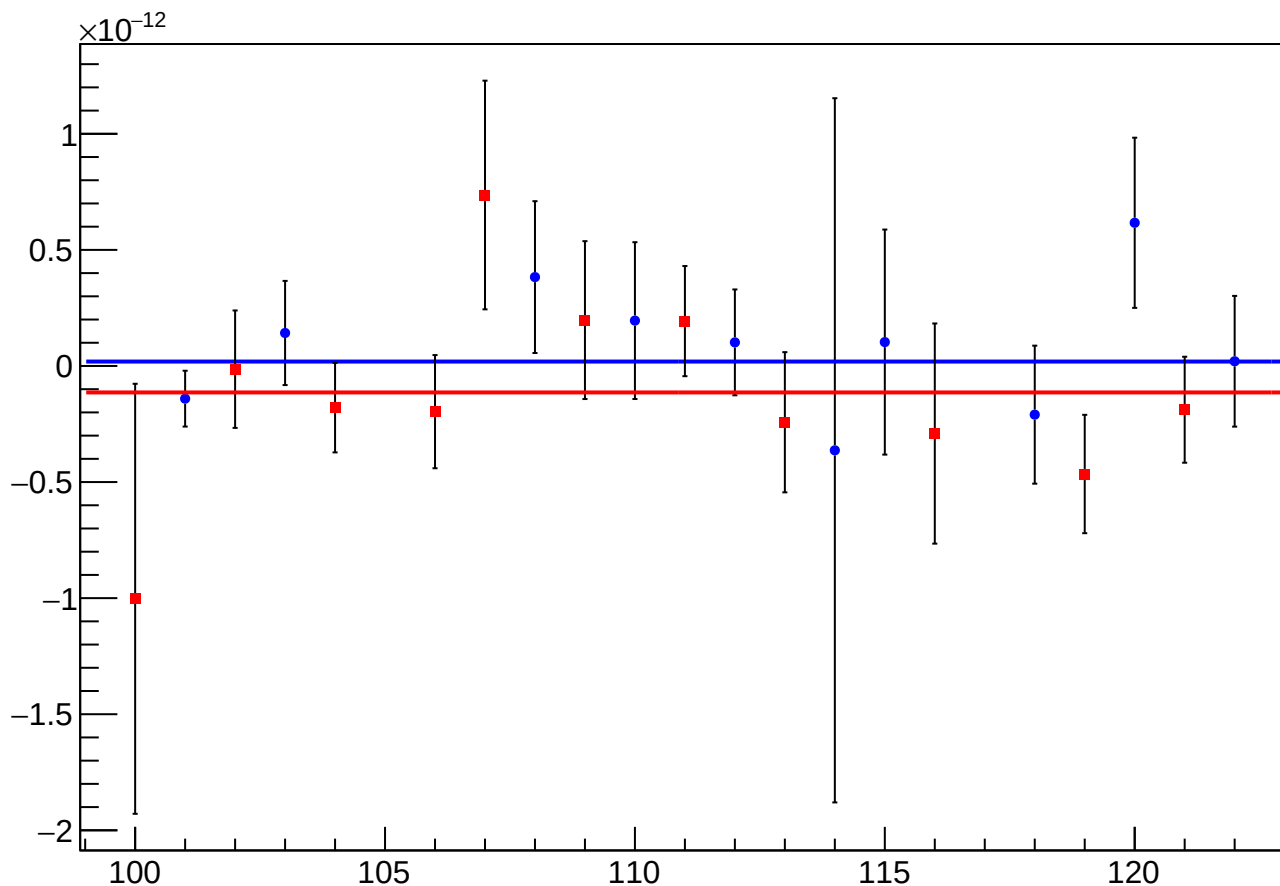
Right: 2647.490+/-0.640 χ^2/NDF : 177574.5/20

In: 2601.950+/-0.915 χ^2/NDF : 80824.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2647.490+/-0.640 χ^2/NDF : 177574.5/20

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 : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

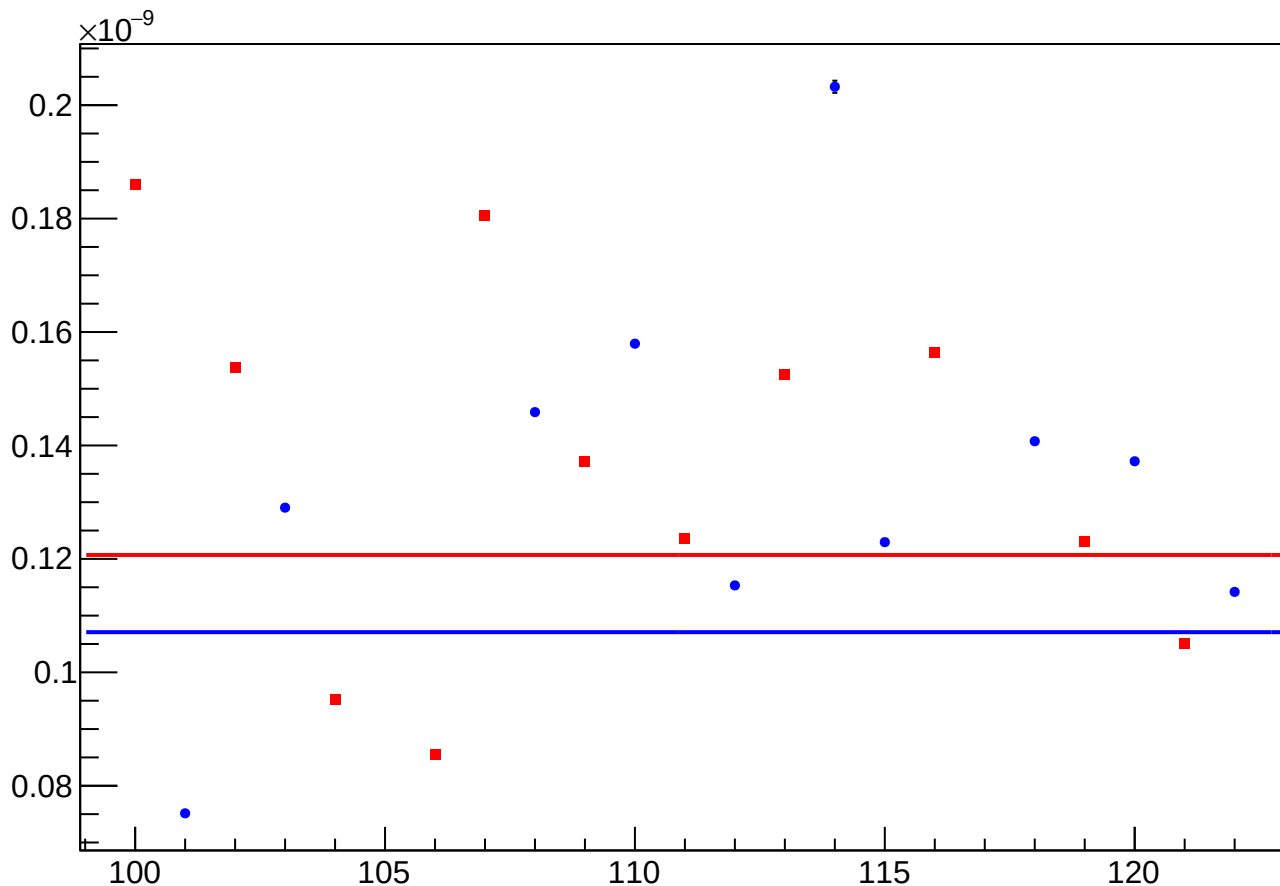
Right: -0.000+/-0.000 χ^2/NDF : 17.5/20

In: 0.000+/-0.000 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.5/20

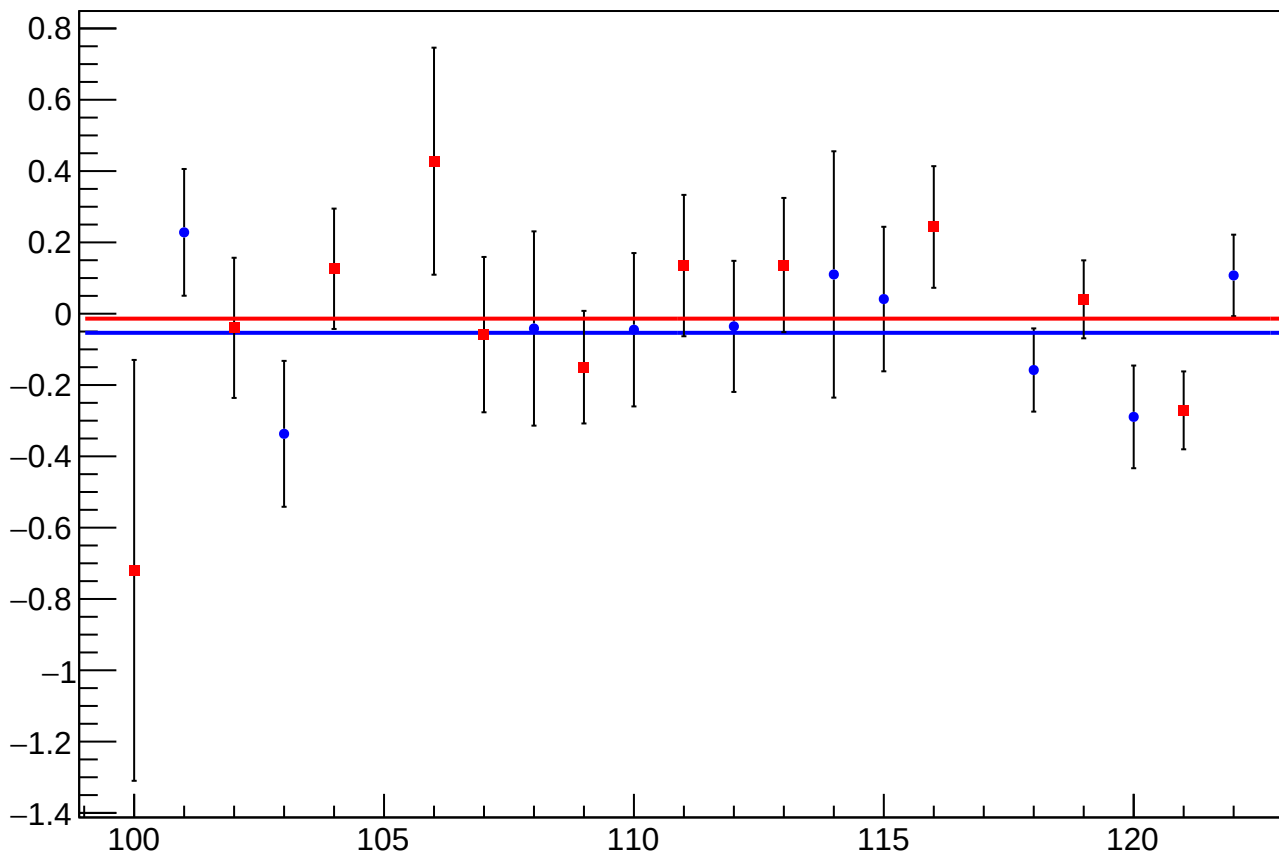
asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 198364.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 513311.3/20
 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 : 513311.3/20

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+/-0.051 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

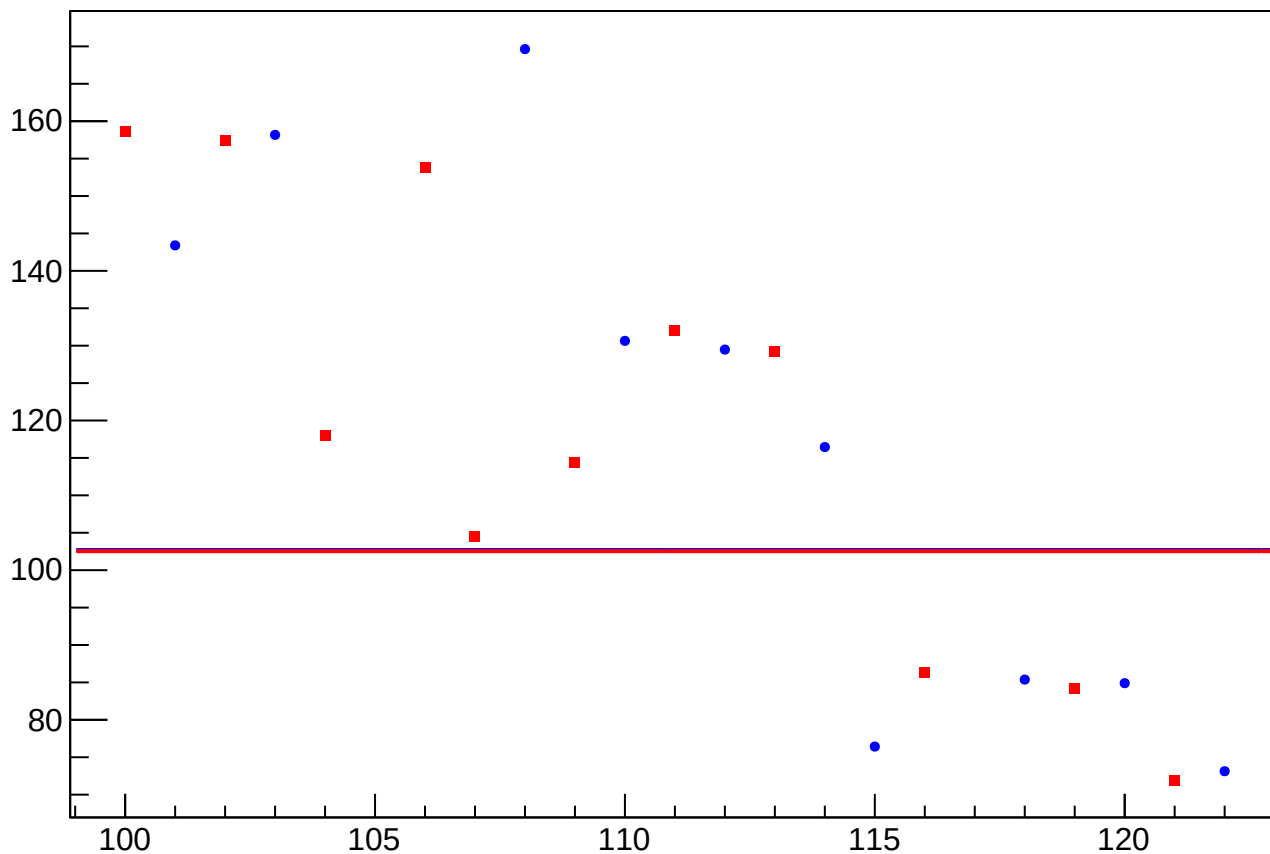
Right: -0.033+/-0.037 χ^2/NDF : 24.7/20

In: -0.054+/-0.053 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.037 χ^2/NDF : 24.7/20

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: 102.540+/-0.036 χ^2/NDF : 570263.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

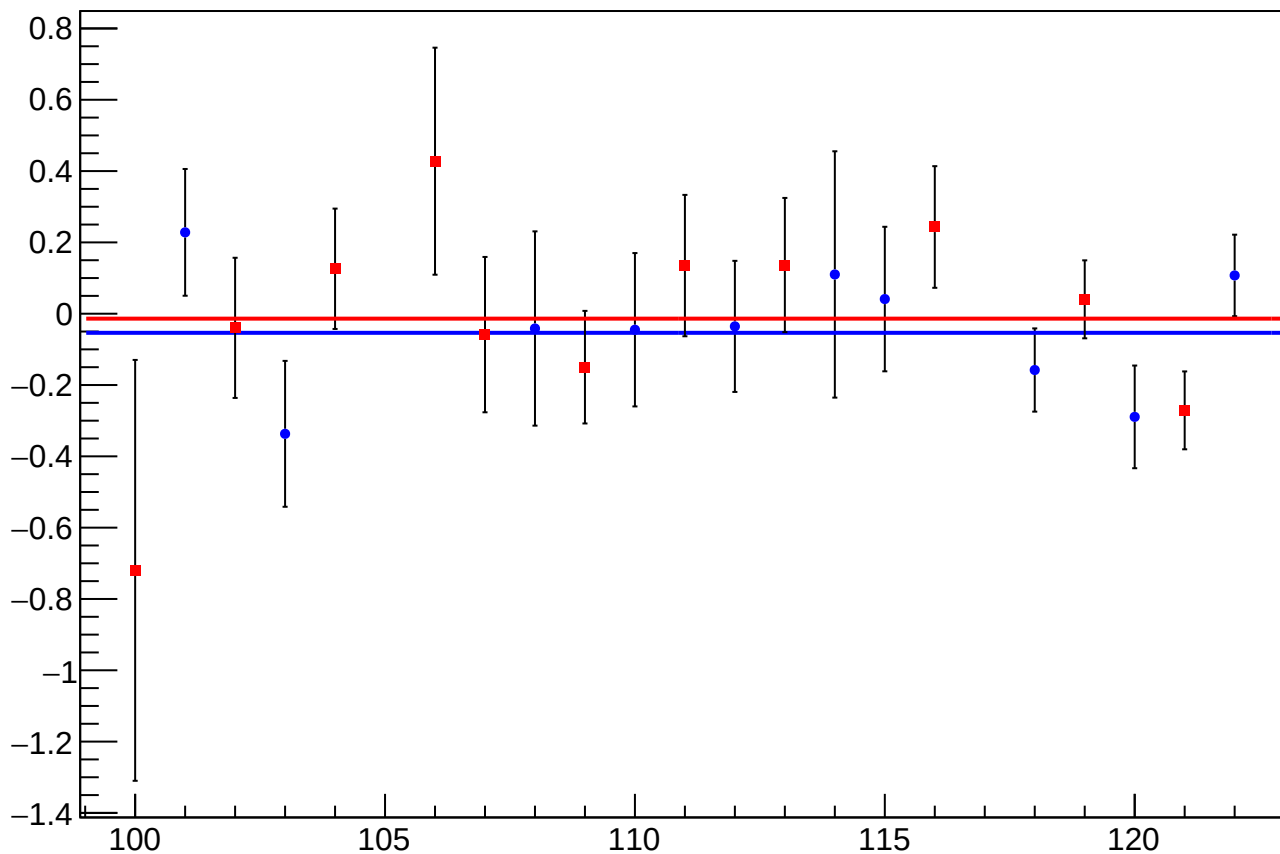
Right: 102.609+/-0.026 χ^2/NDF : 1264404.1/20

In: 102.686+/-0.038 χ^2/NDF : 694133.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.609+/-0.026 χ^2/NDF : 1264404.1/20

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+/-0.051 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

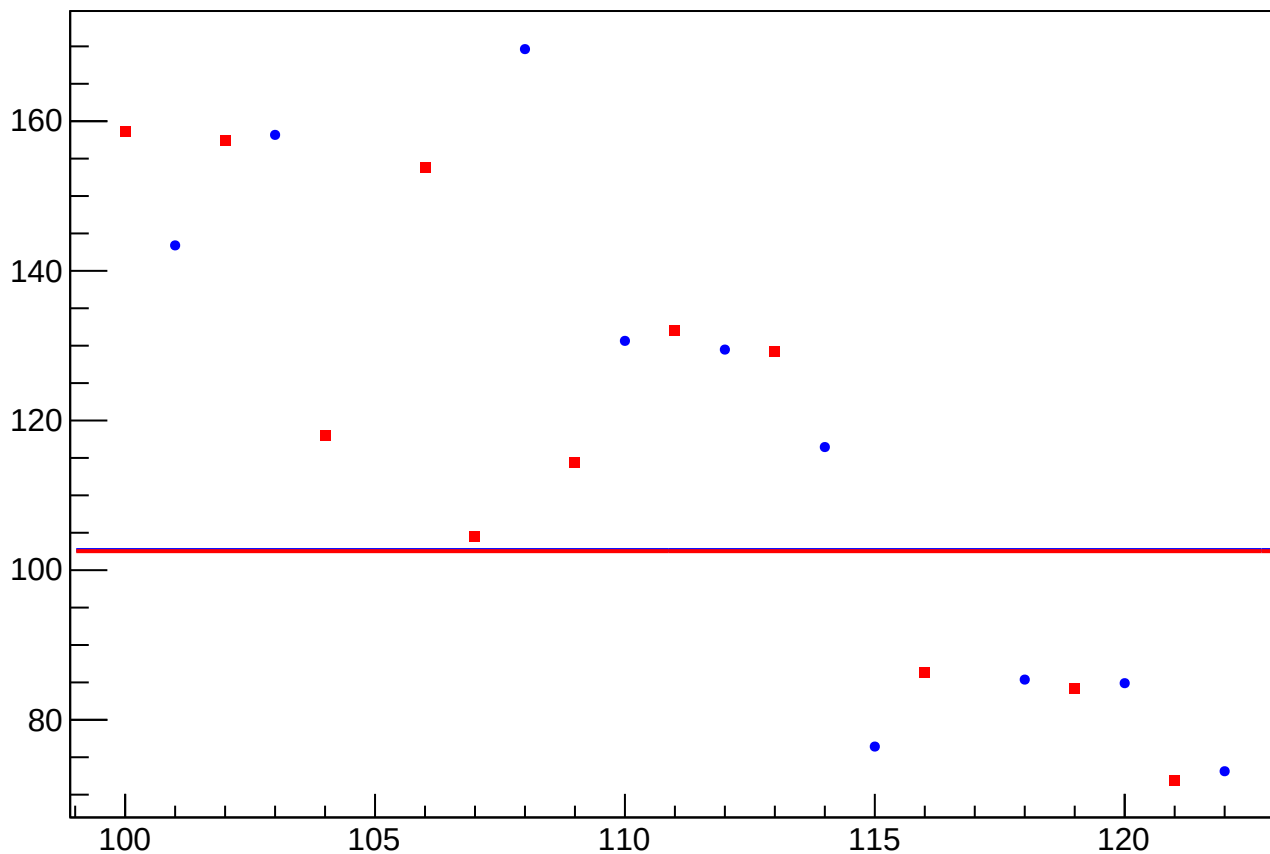
Right: -0.033+/-0.037 χ^2/NDF : 24.7/20

In: -0.054+/-0.053 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.033+/-0.037 χ^2/NDF : 24.7/20

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: 102.540+/-0.036 χ^2/NDF : 570263.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

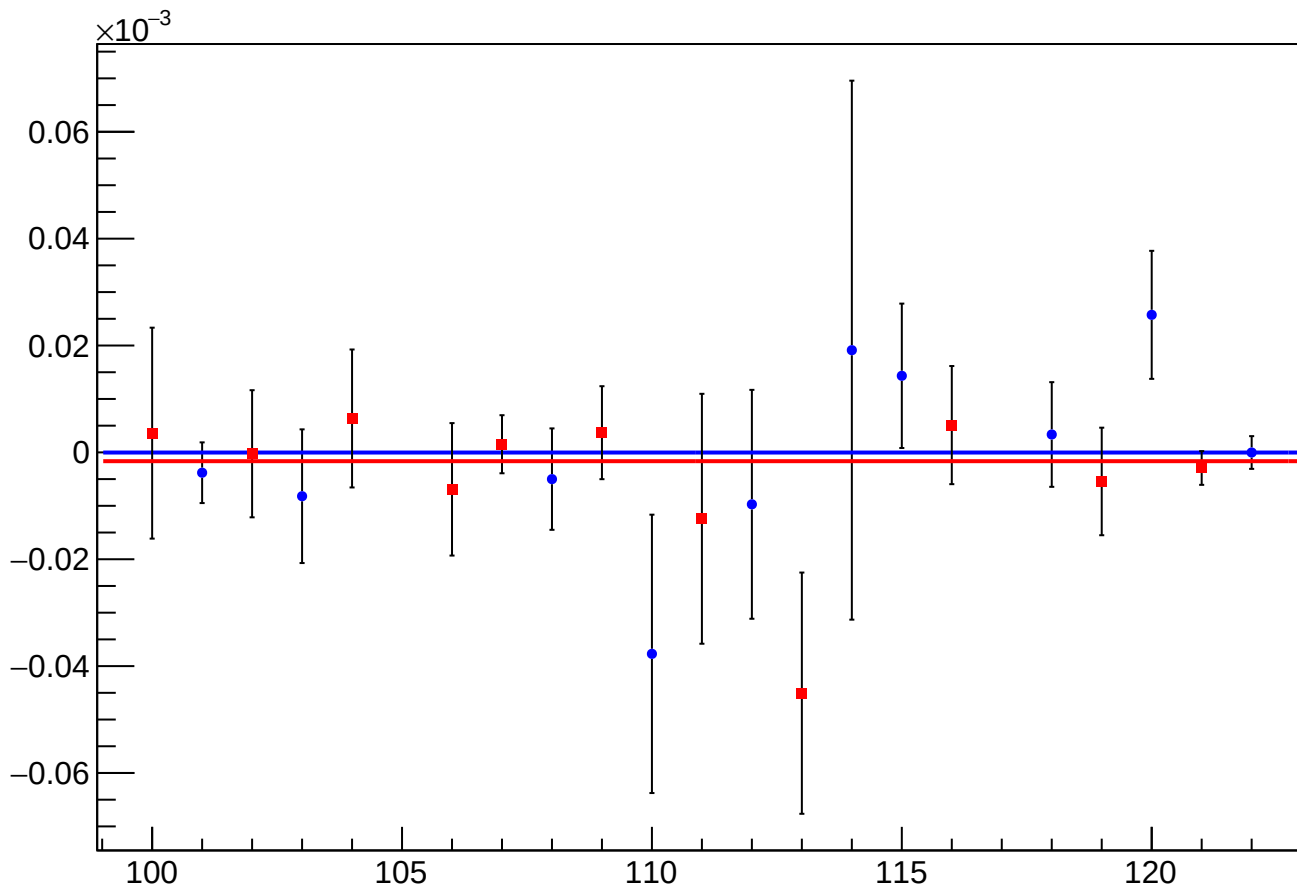
Right: 102.609+/-0.026 χ^2/NDF : 1264404.1/20

In: 102.686+/-0.038 χ^2/NDF : 694133.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.609+/-0.026 χ^2/NDF : 1264404.1/20

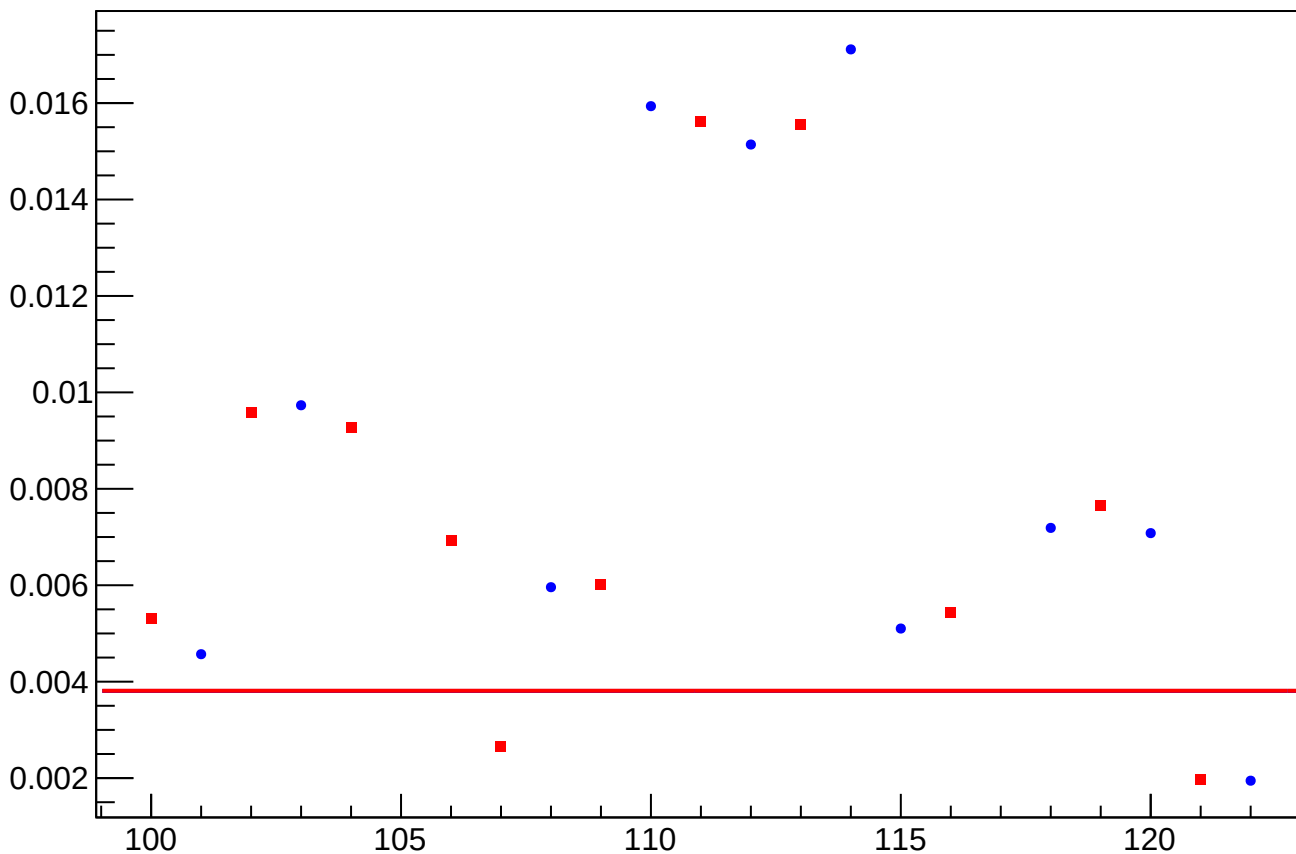
asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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: 6.0/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 15.7/20
 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: 15.7/20

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 : 3245974.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

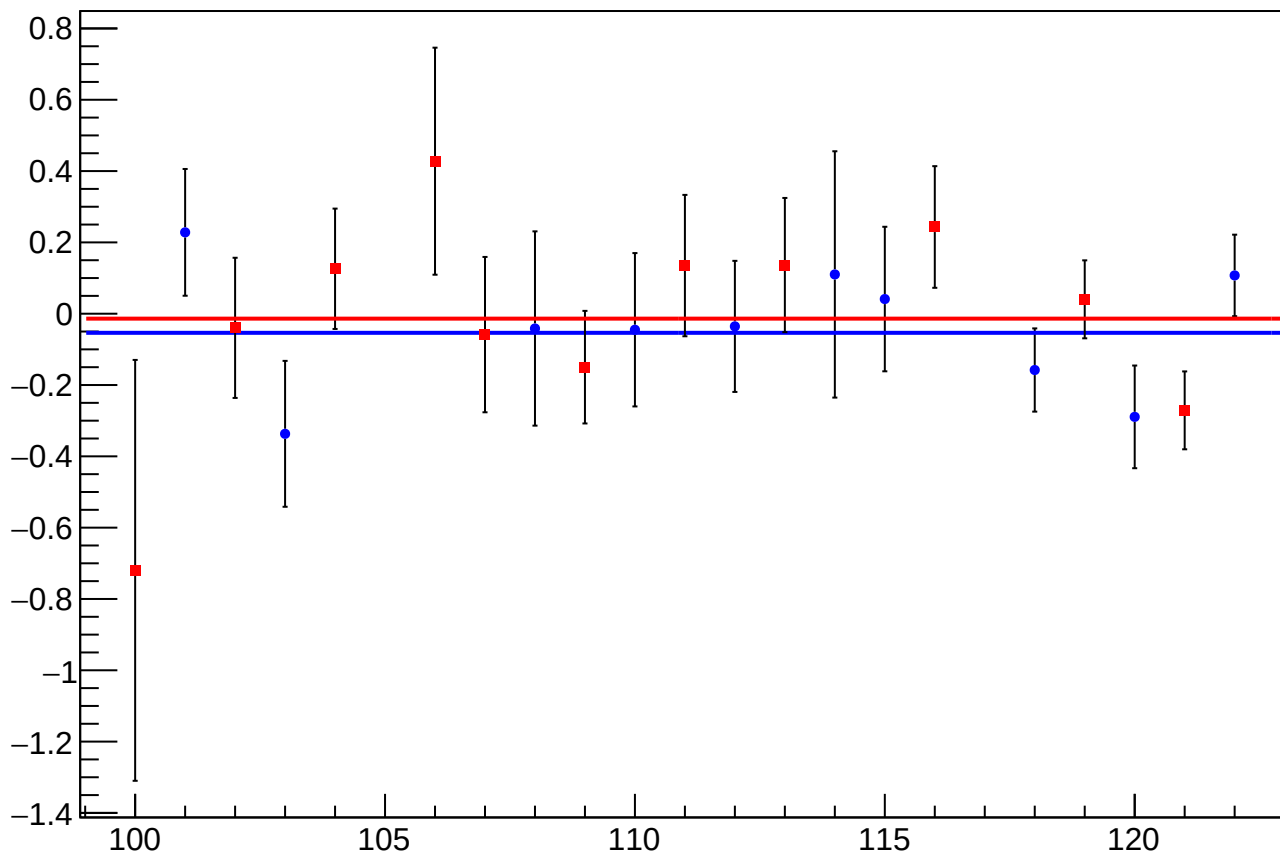
Right: 0.004+/-0.000 χ^2/NDF : 6110619.1/20

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 : 6110619.1/20

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 ± 0.051 χ^2/NDF : 14.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

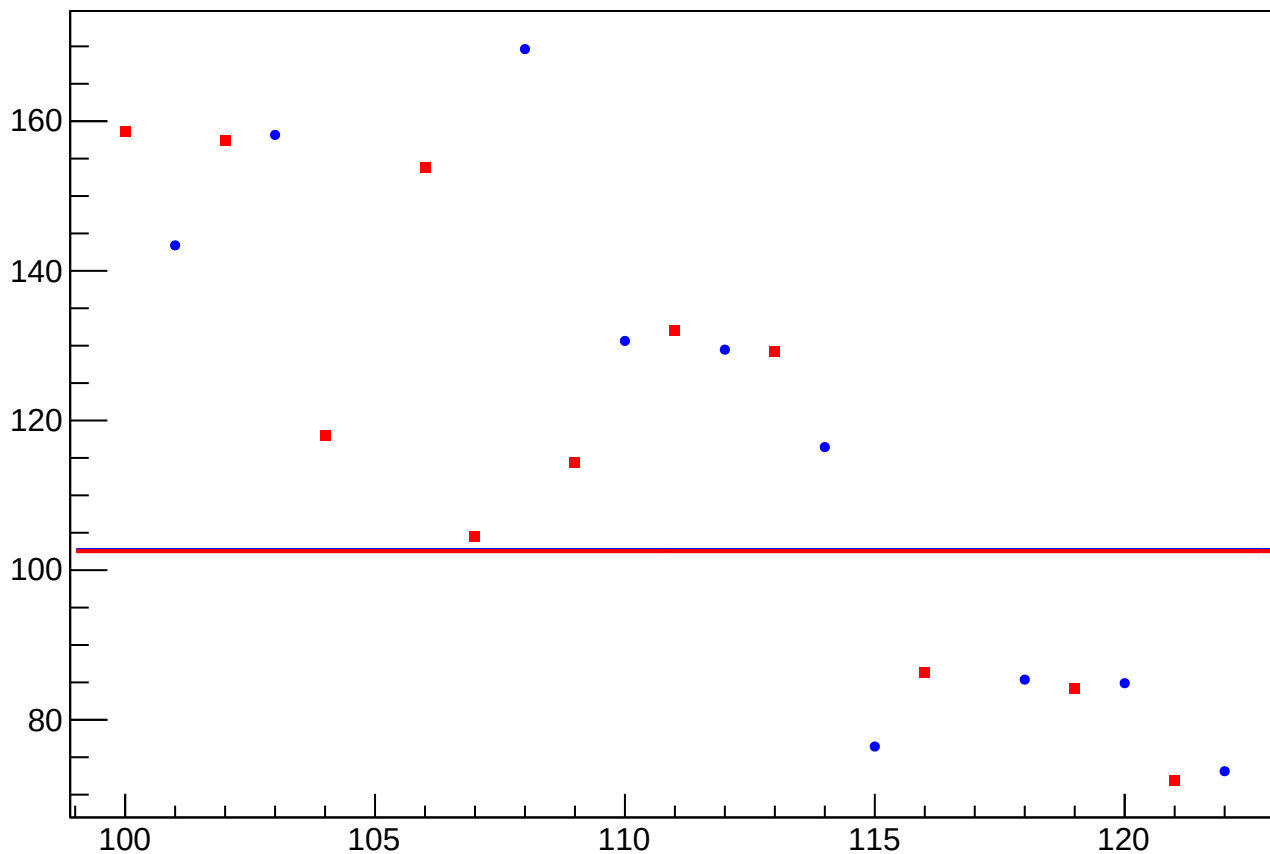
Right: -0.033 ± 0.037 χ^2/NDF : 24.7/20

In: -0.054 ± 0.053 χ^2/NDF : 10.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.037 χ^2/NDF : 24.7/20

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: 102.538+/-0.036 χ^2/NDF : 570245.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

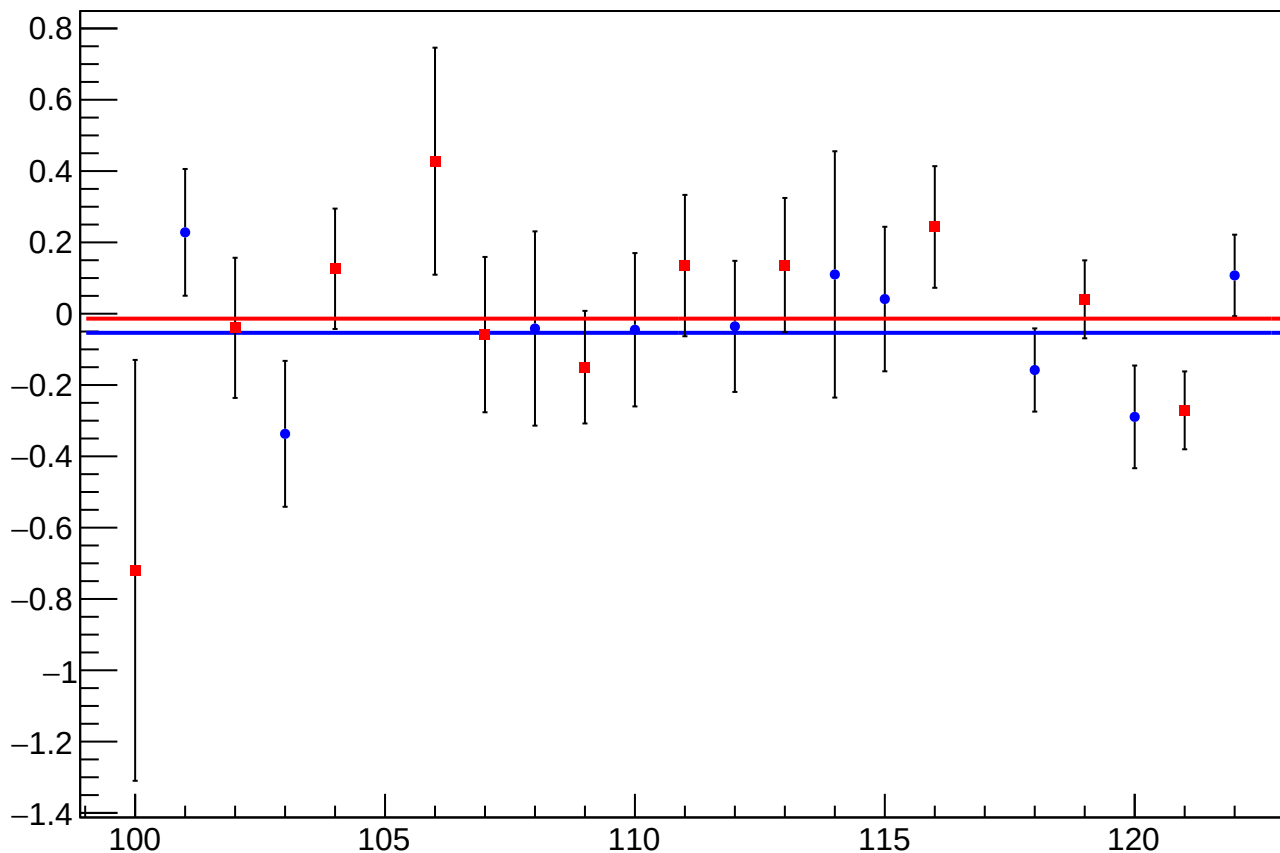
Right: 102.607+/-0.026 χ^2/NDF : 1264369.1/20

In: 102.684+/-0.038 χ^2/NDF : 694115.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.607+/-0.026 χ^2/NDF : 1264369.1/20

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 $\pm$ 0.051 χ^2 /NDF: 14.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

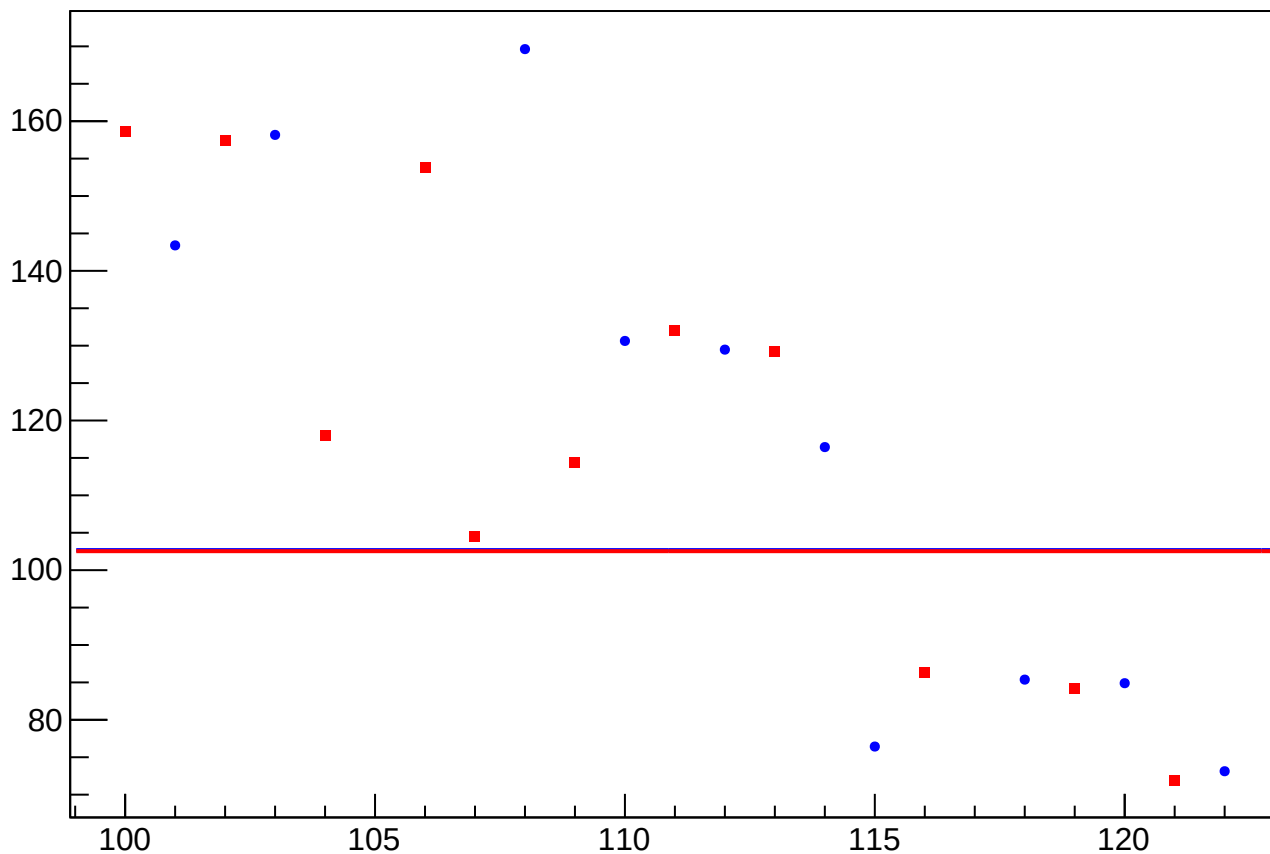
Right: -0.033 $\pm$ 0.037 χ^2 /NDF: 24.7/20

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: -0.033 $\pm$ 0.037 χ^2 /NDF: 24.7/20

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.684 $\pm$ 0.038 χ^2 /NDF: 694115.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.538 $\pm$ 0.036 χ^2 /NDF: 570245.5/10

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

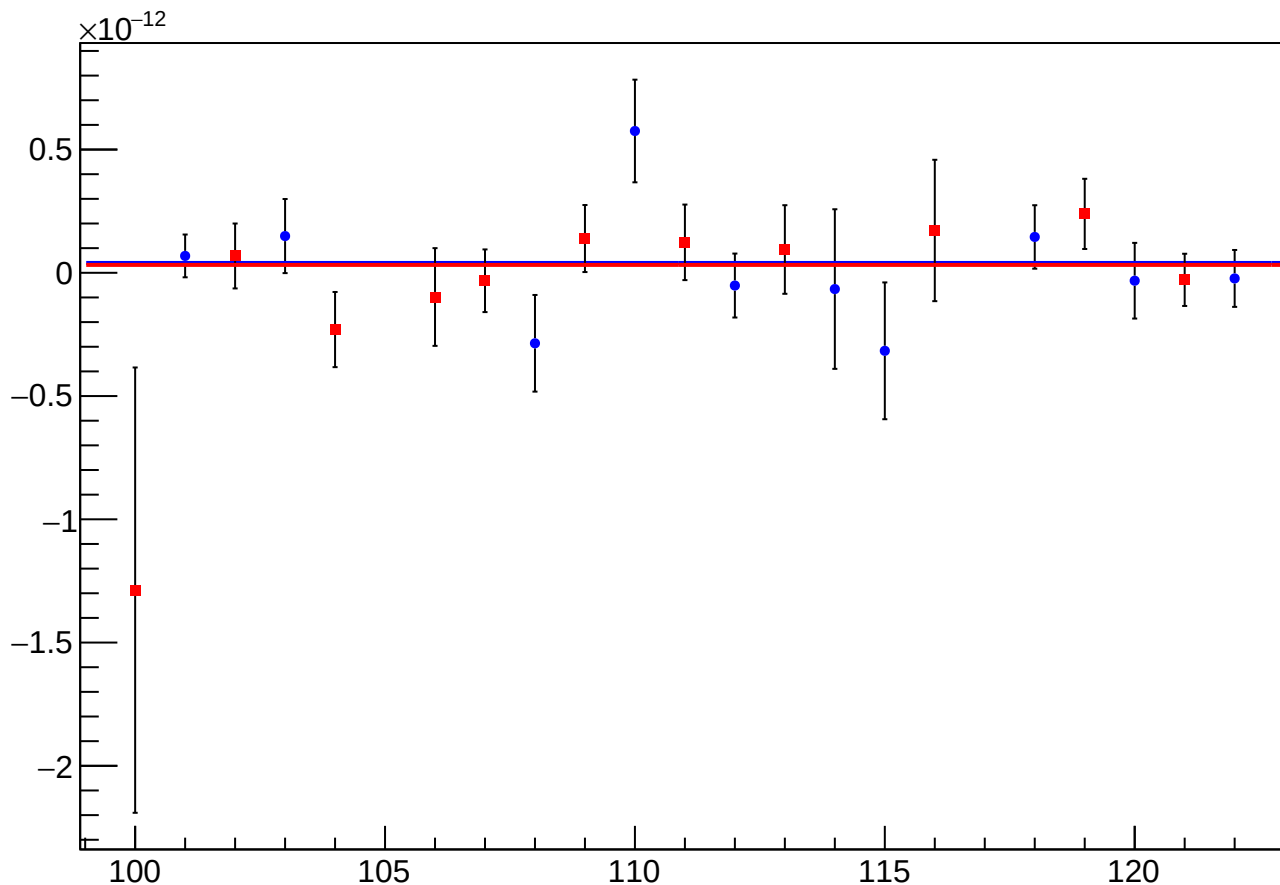
Right: 102.607 $\pm$ 0.026 χ^2 /NDF: 1264369.1/20

In: 102.684 $\pm$ 0.038 χ^2 /NDF:694115.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.607 $\pm$ 0.026 χ^2 /NDF: 1264369.1/20

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 : 9.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

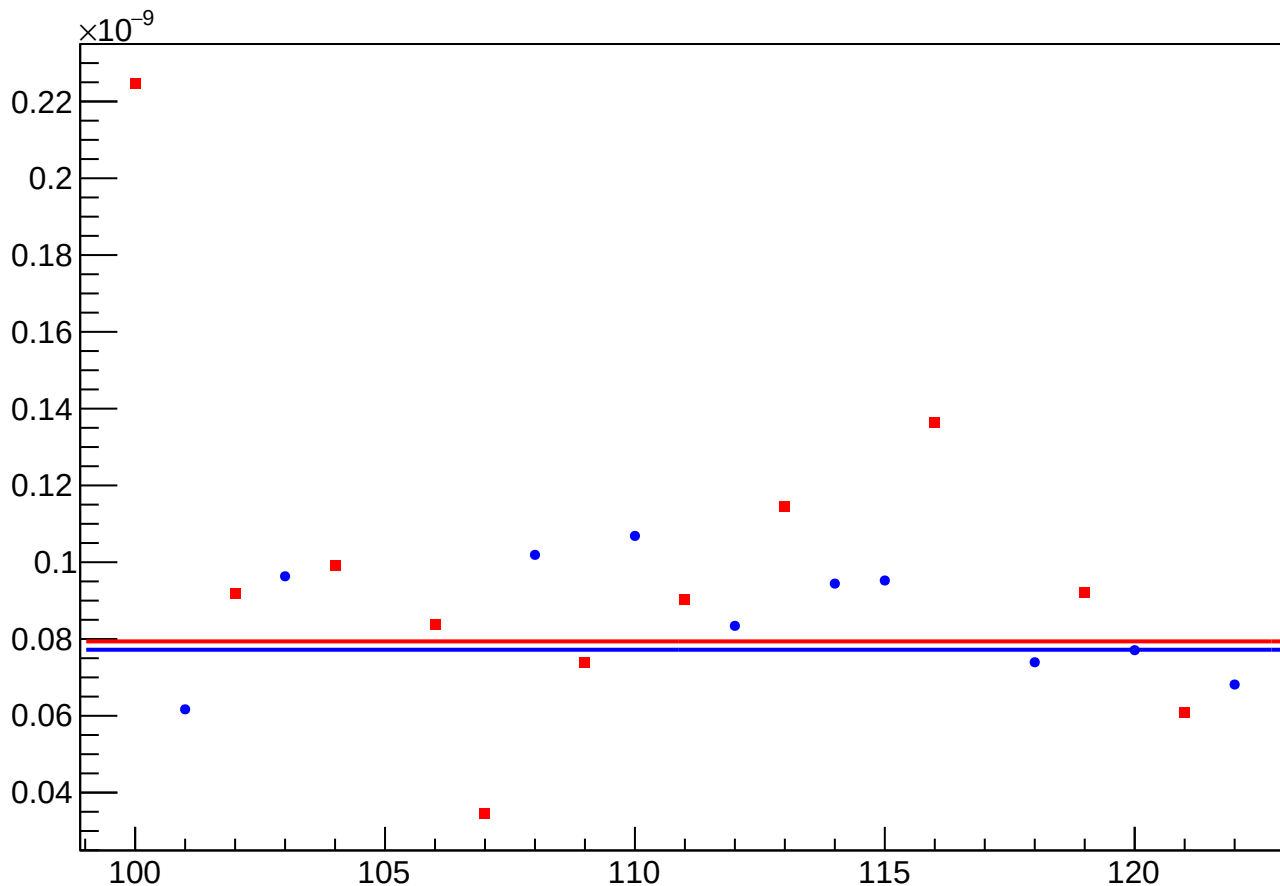
Right: 0.000+/-0.000 χ^2/NDF : 23.1/20

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 : 23.1/20

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 : 598714.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

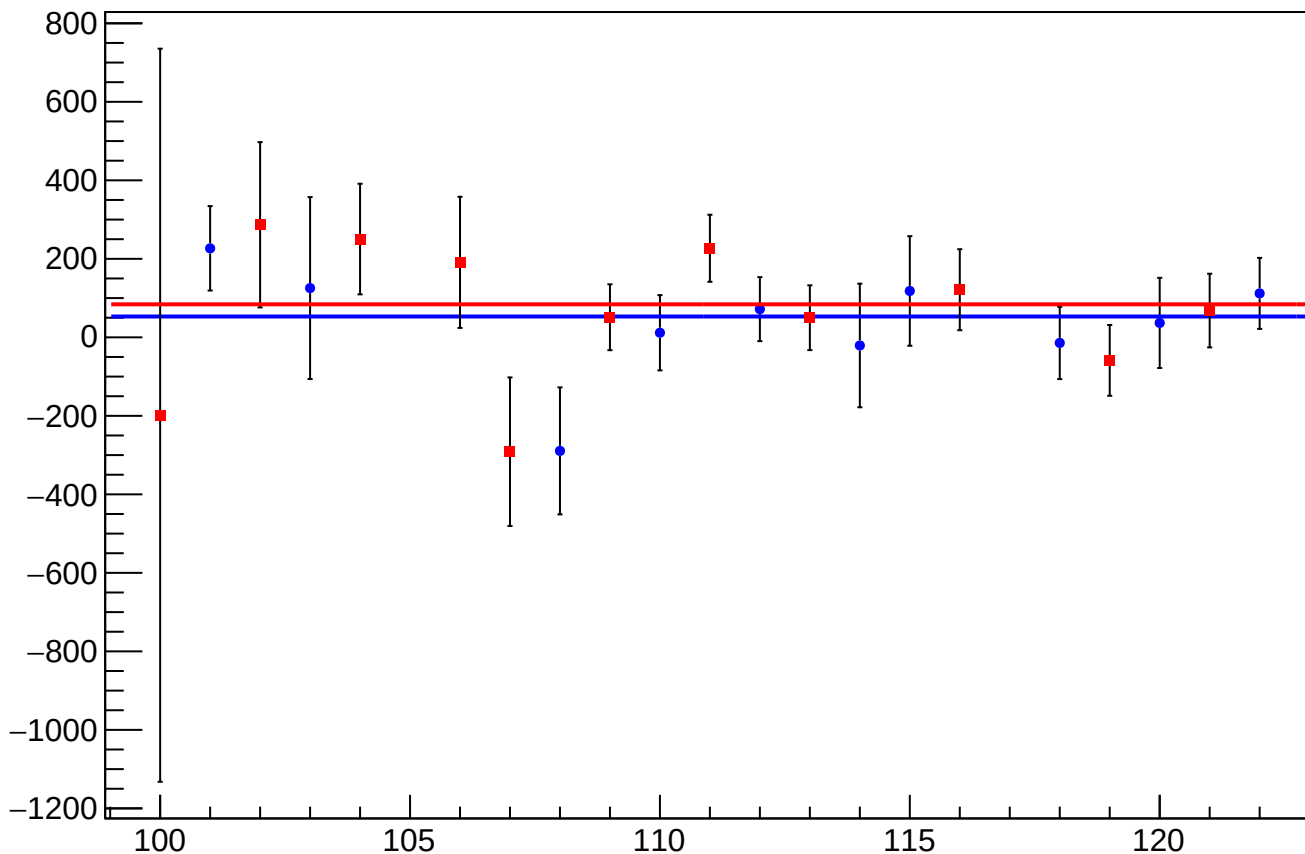
Right: 0.000+/-0.000 χ^2/NDF : 802008.2/20

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 : 802008.2/20

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 53.100+/-35.141 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.109+/-33.444 χ^2/NDF : 12.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

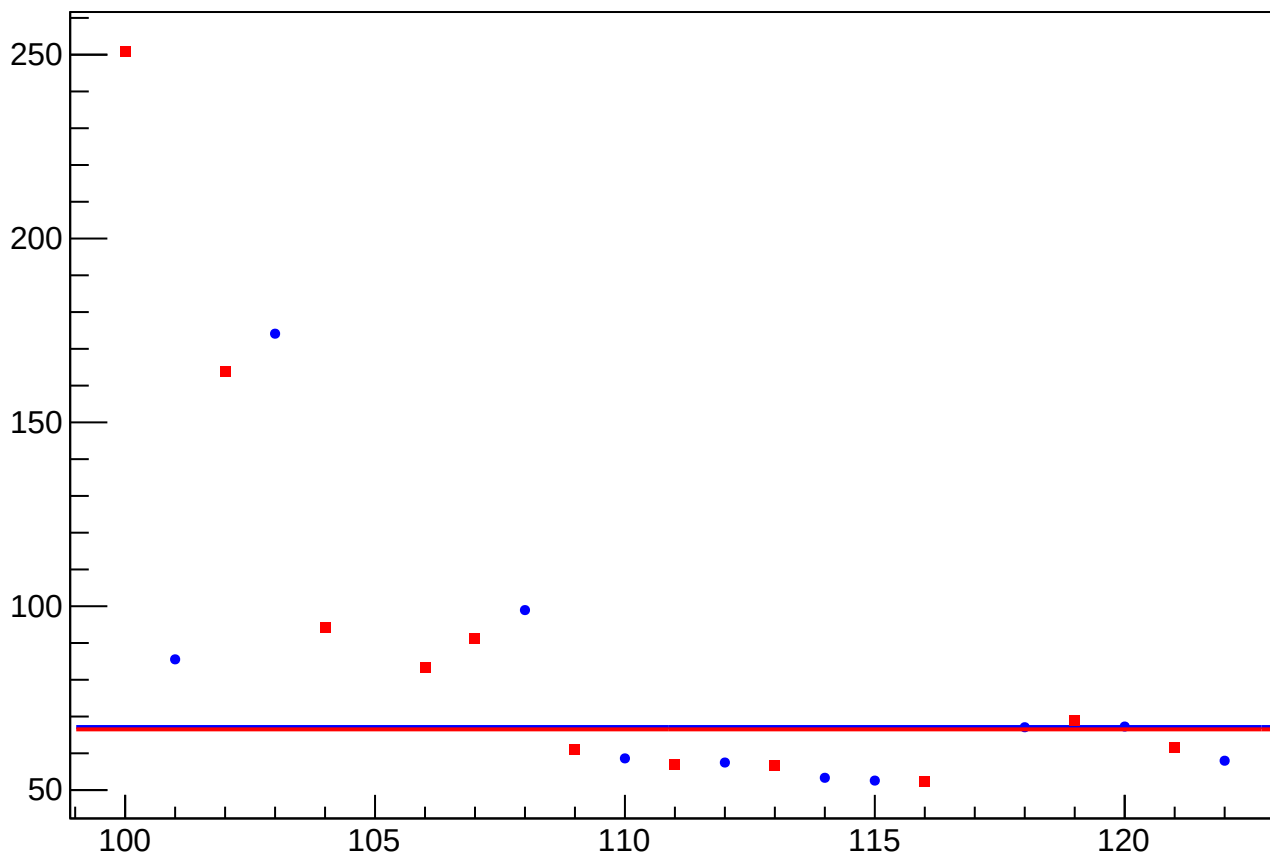
Right: 69.371+/-24.226 χ^2/NDF : 21.8/20

In: 53.100+/-35.141 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.371+/-24.226 χ^2/NDF : 21.8/20

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: 66.514+/-0.024 χ^2/NDF : 742778.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

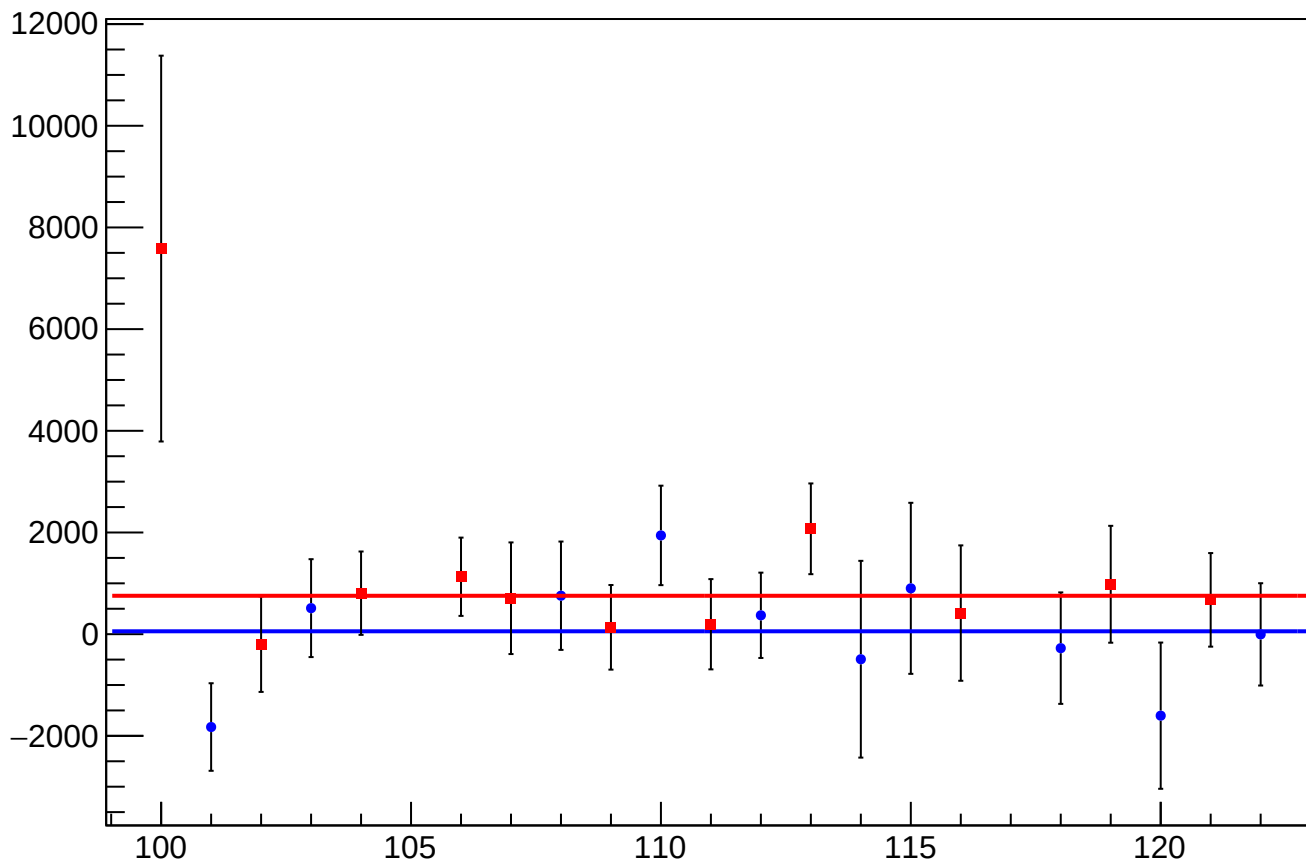
Right: 66.813+/-0.017 χ^2/NDF : 1406691.6/20

In: 67.144+/-0.025 χ^2/NDF : 663575.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.813+/-0.017 χ^2/NDF : 1406691.6/20

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: 755.127+/-292.674 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

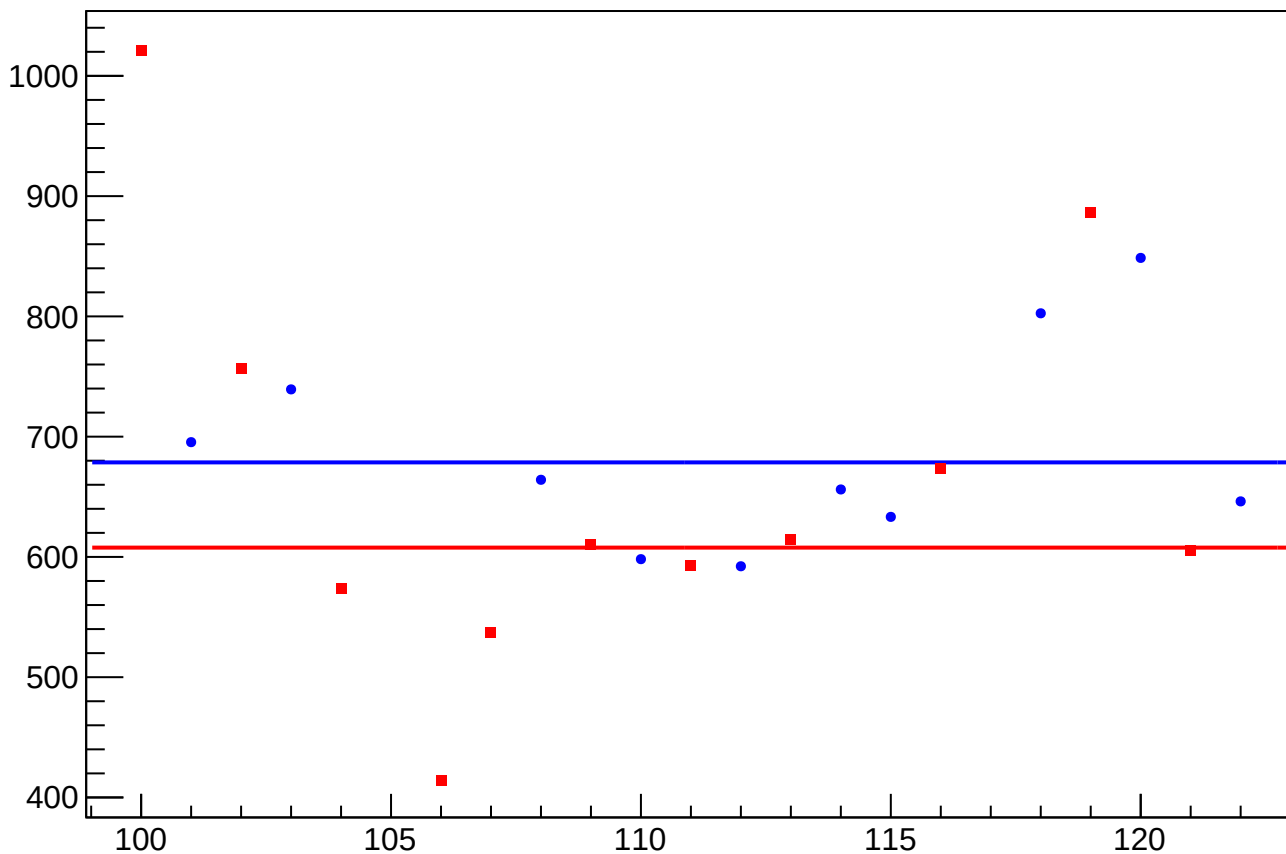
Right: 456.931+/-221.558 χ^2/NDF : 21.2/20

In: 56.665+/-339.085 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.931+/-221.558 χ^2/NDF : 21.2/20

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: 607.743 $\pm$ 0.207 χ^2 /NDF: 334760.7/10

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

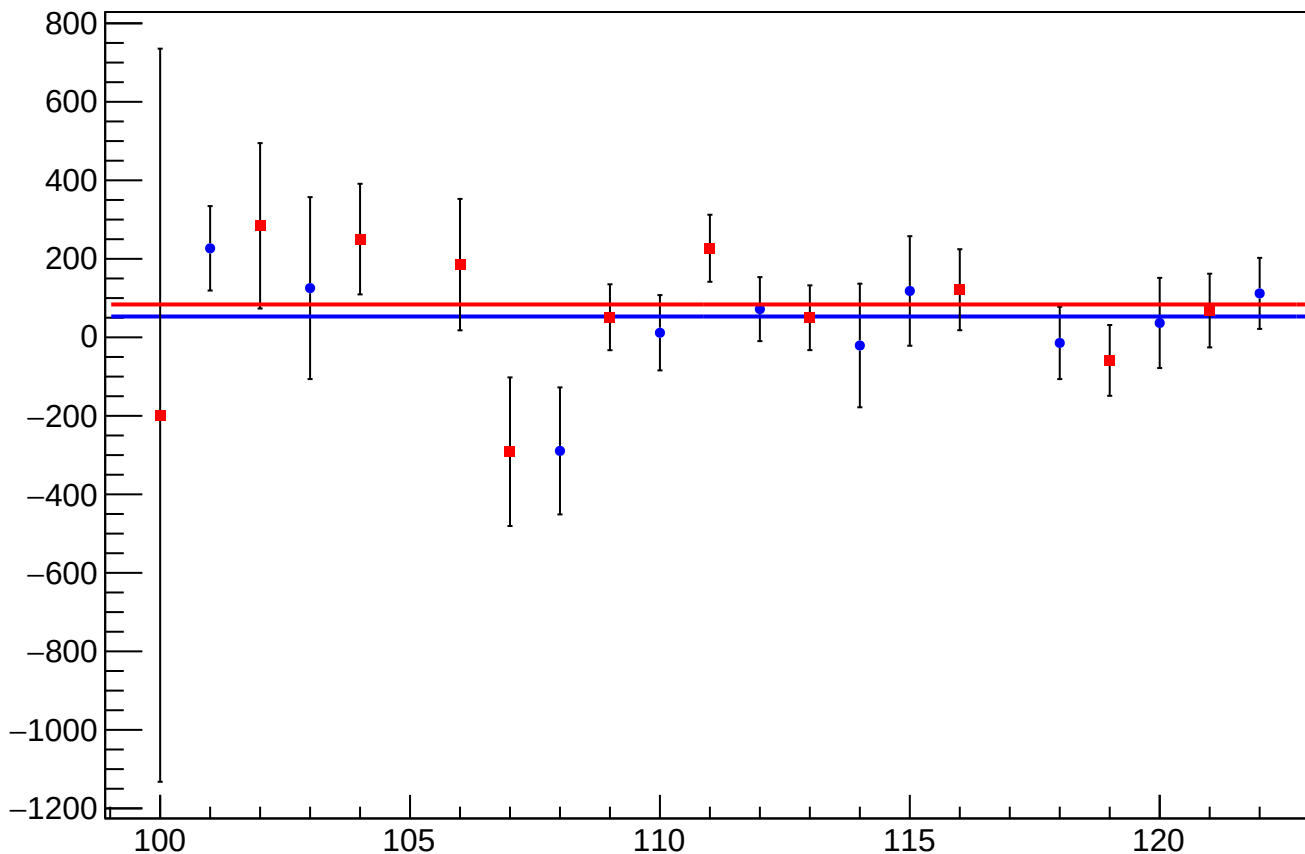
Right: 637.996 $\pm$ 0.157 χ^2 /NDF: 485948.1/20

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: 637.996 $\pm$ 0.157 χ^2 /NDF: 485948.1/20

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: 83.770+/-33.448 χ^2/NDF : 12.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

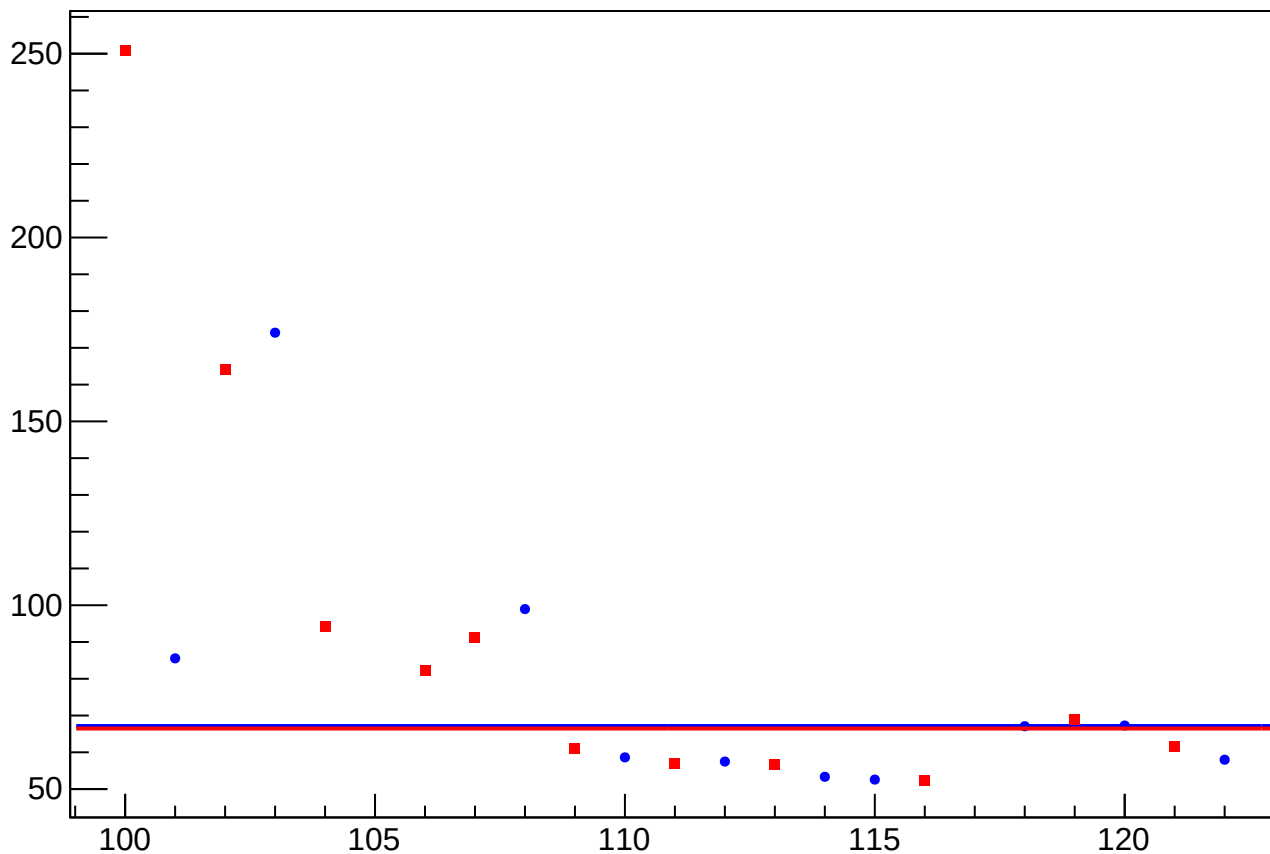
Right: 69.187+/-24.228 χ^2/NDF : 21.7/20

In: 53.091+/-35.141 χ^2/NDF :8.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 69.187+/-24.228 χ^2/NDF : 21.7/20

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: 66.469+/-0.024 χ^2/NDF : 740482.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

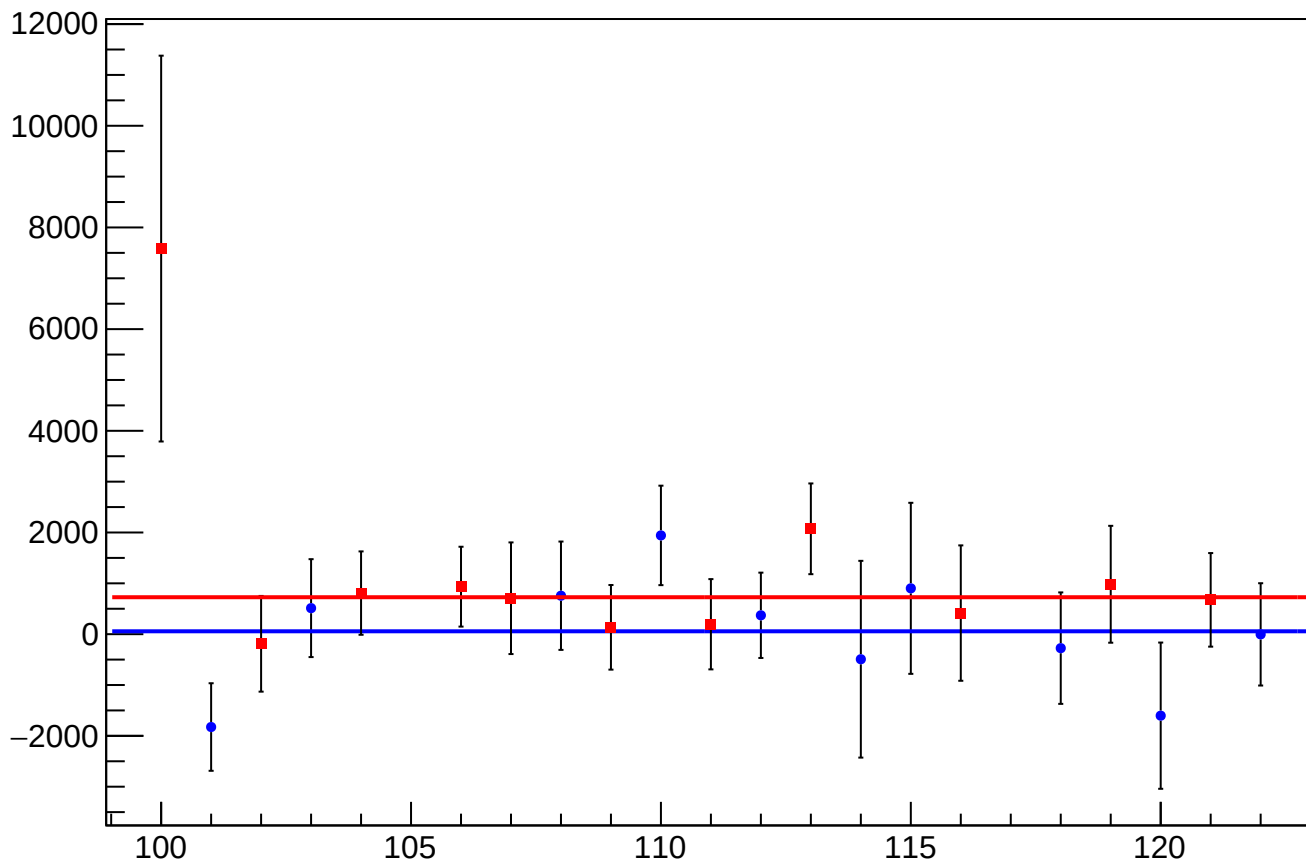
Right: 66.790+/-0.017 χ^2/NDF : 1404446.4/20

In: 67.144+/-0.025 χ^2/NDF : 663577.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.790+/-0.017 χ^2/NDF : 1404446.4/20

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: 726.706+/-293.534 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

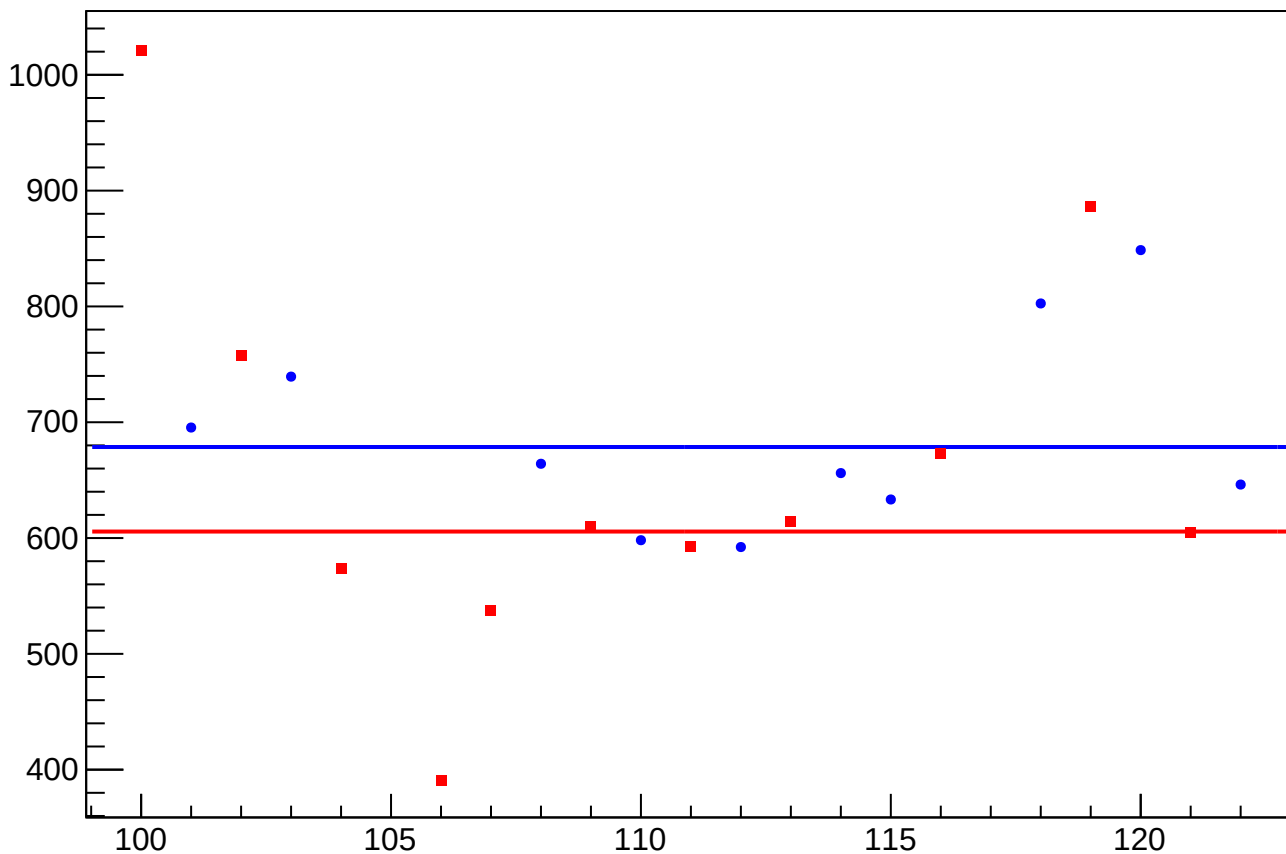
Right: 439.691+/-221.932 χ^2/NDF : 20.8/20

In: 56.676+/-339.089 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.691+/-221.932 χ^2/NDF : 20.8/20

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 678.612+/-0.240 χ^2/NDF : 101152.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.612+/-0.208 χ^2/NDF : 361269.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

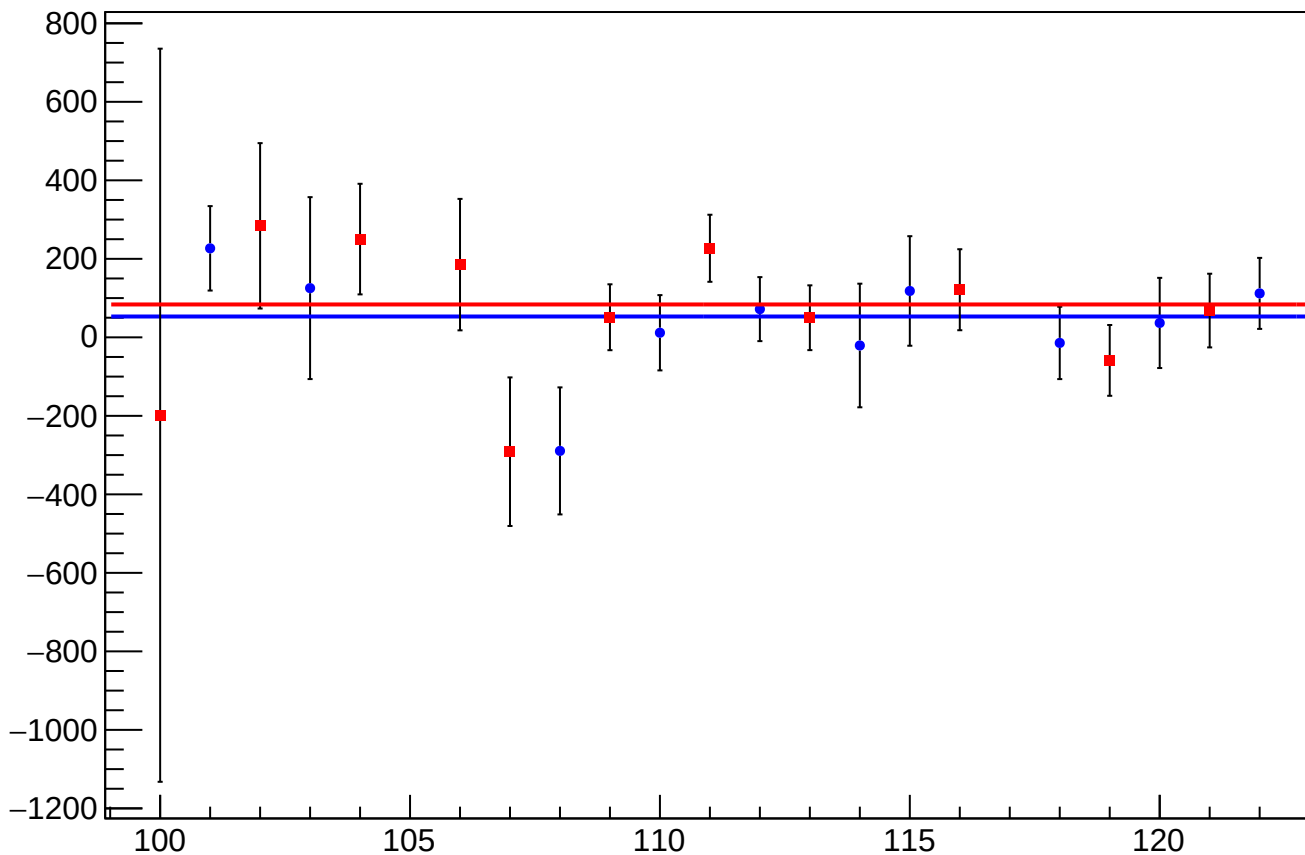
Right: 636.882+/-0.157 χ^2/NDF : 515410.1/20

In: 678.612+/-0.240 χ^2/NDF : 101152.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.882+/-0.157 χ^2/NDF : 515410.1/20

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: 83.770+/-33.448 χ^2/NDF : 12.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

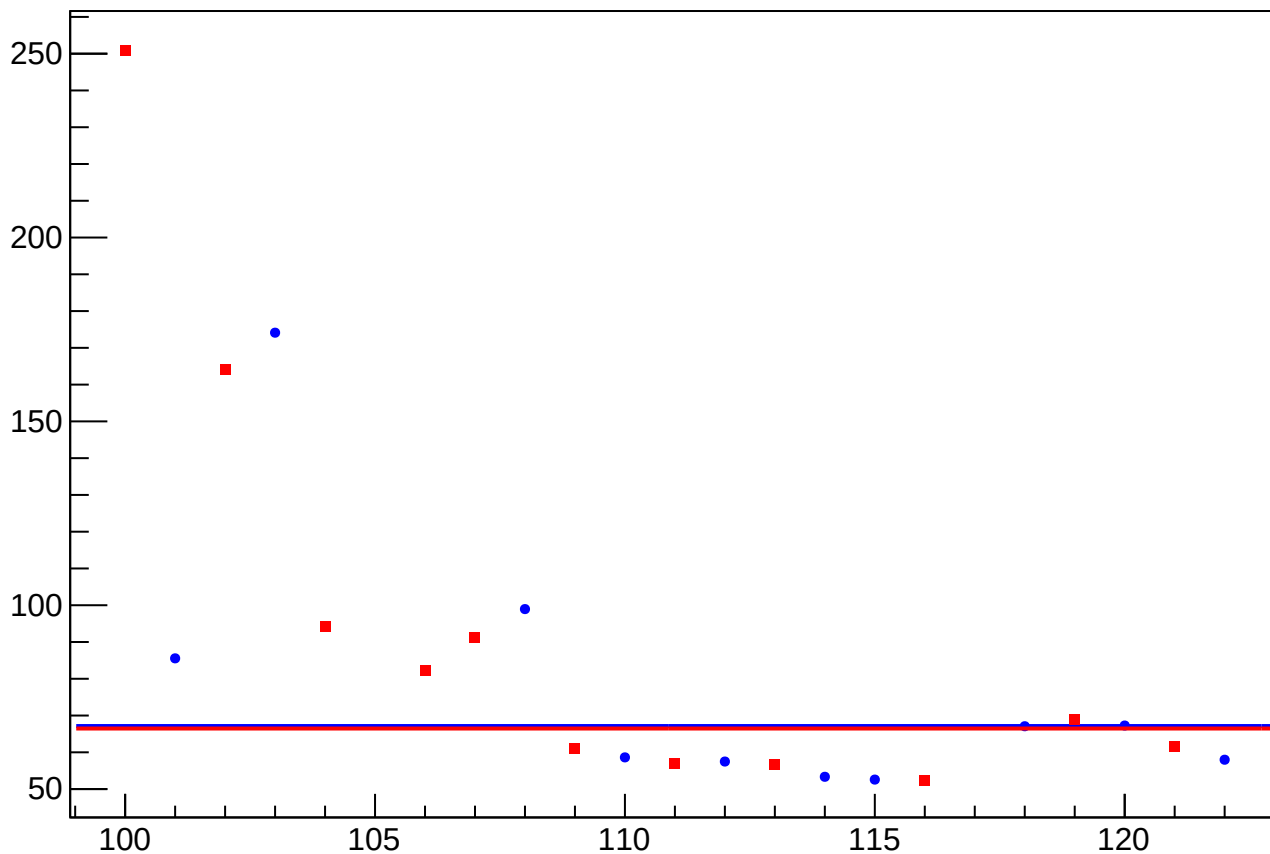
Right: 69.187+/-24.228 χ^2/NDF : 21.7/20

In: 53.091+/-35.141 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.187+/-24.228 χ^2/NDF : 21.7/20

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: 66.469+/-0.024 χ^2/NDF : 740482.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

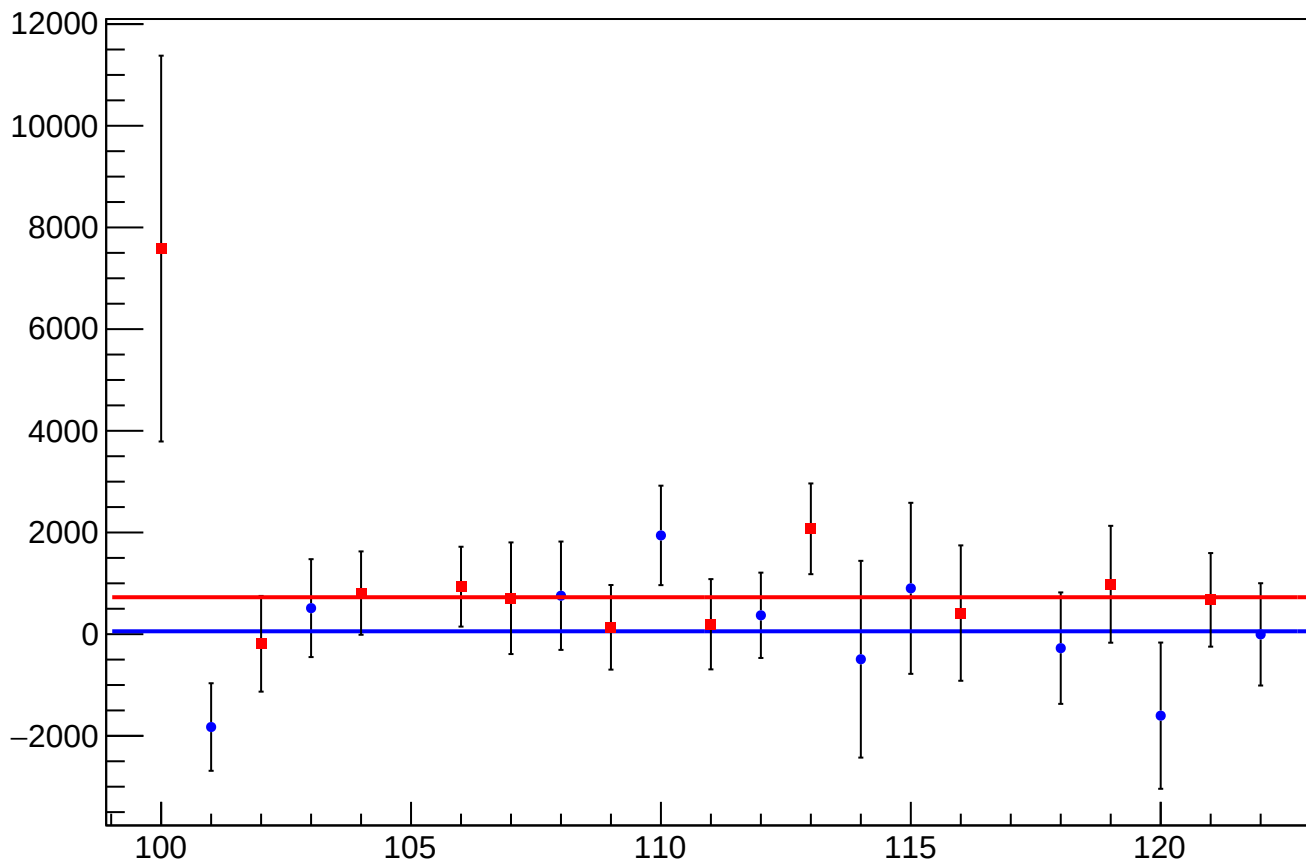
Right: 66.790+/-0.017 χ^2/NDF : 1404446.4/20

In: 67.144+/-0.025 χ^2/NDF : 663577.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.790+/-0.017 χ^2/NDF : 1404446.4/20

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: 726.706+/-293.534 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

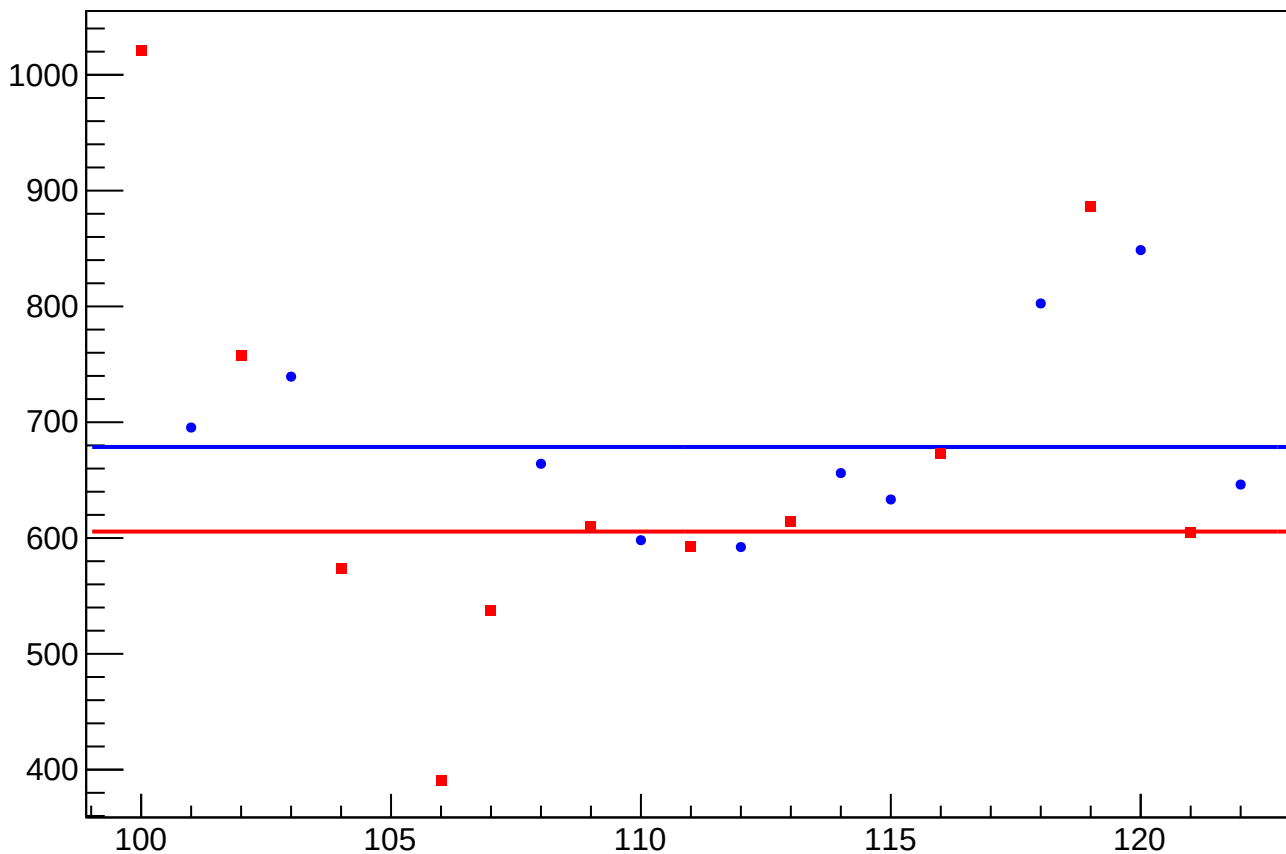
Right: 439.691+/-221.932 χ^2/NDF : 20.8/20

In: 56.676+/-339.089 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.691+/-221.932 χ^2/NDF : 20.8/20

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: 605.612 $\pm$ 0.208 χ^2 /NDF: 361269.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

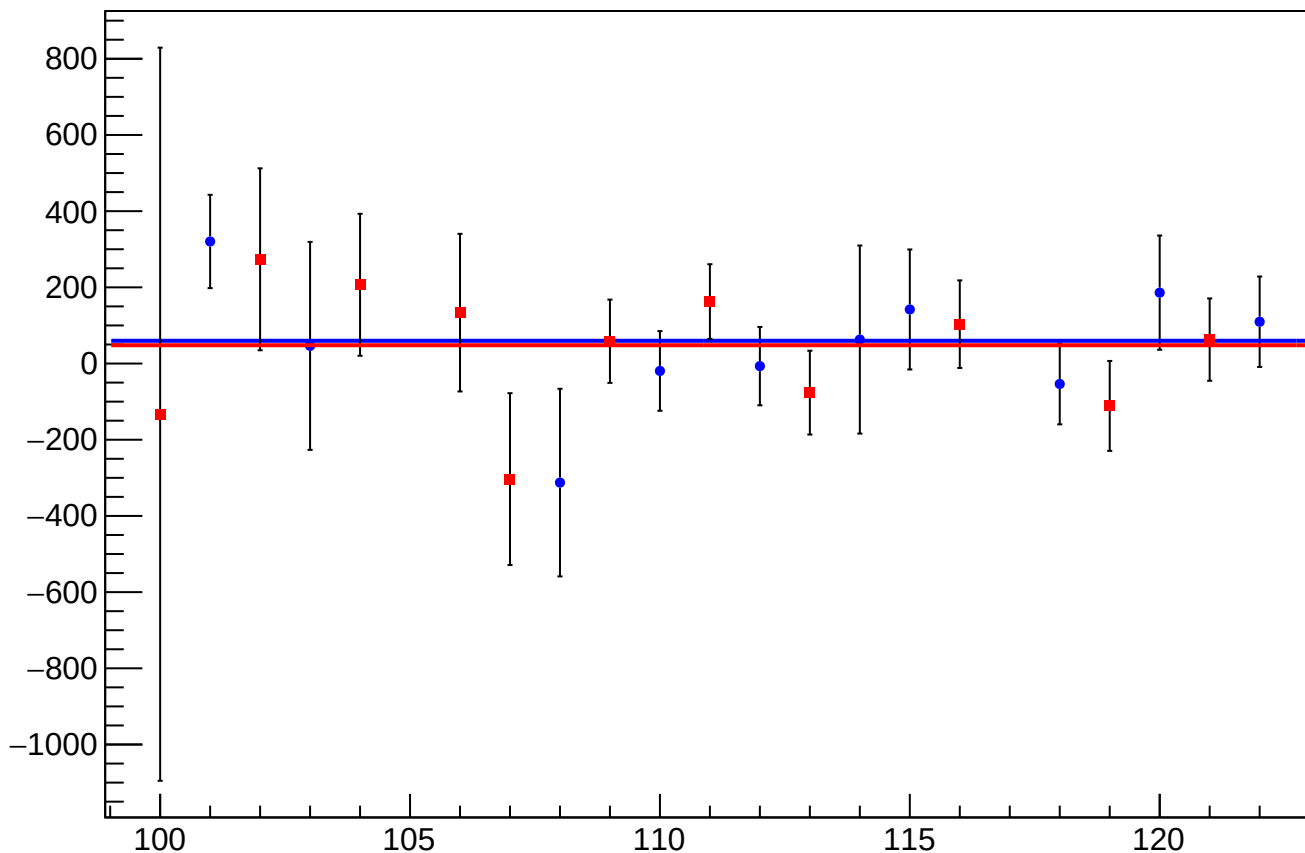
Right: 636.882 $\pm$ 0.157 χ^2 /NDF: 515410.1/20

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: 636.882 $\pm$ 0.157 χ^2 /NDF: 515410.1/20

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: 48.055+/-41.027 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

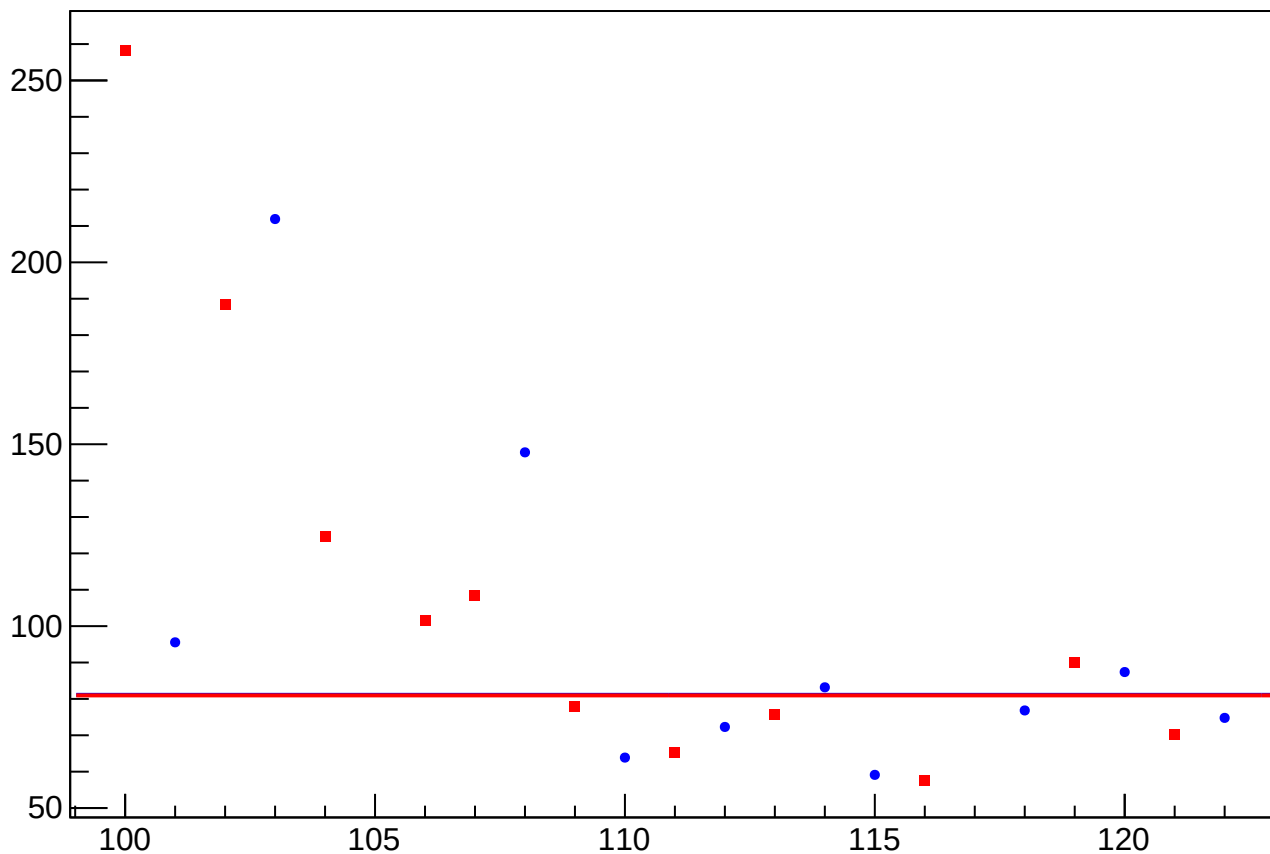
Right: 53.636+/-29.644 χ^2/NDF : 19.1/20

In: 59.733+/-42.882 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.636+/-29.644 χ^2/NDF : 19.1/20

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 81.116 $\pm$ 0.030 χ^2 /NDF: 754295.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.964 $\pm$ 0.029 χ^2 /NDF: 804619.5/10

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

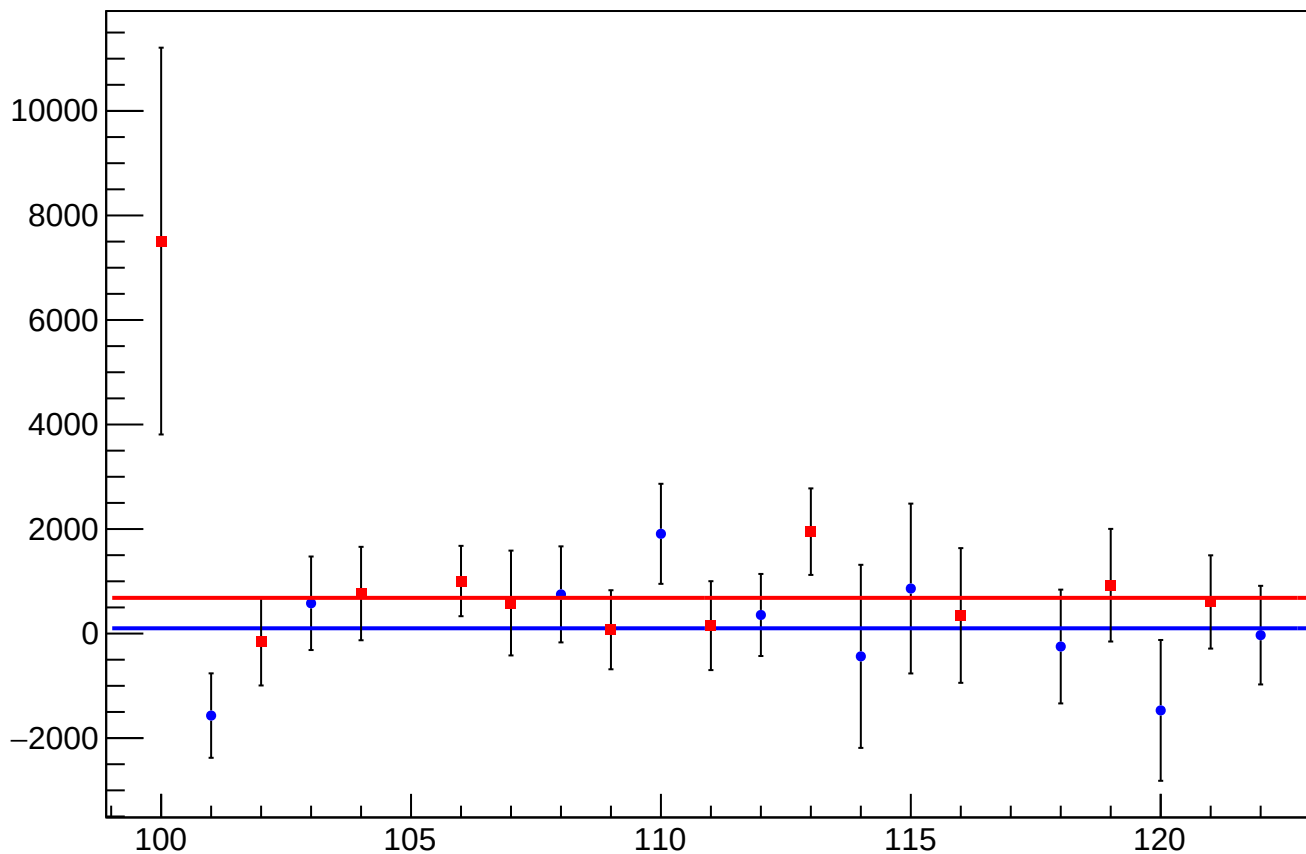
Right: 81.037 $\pm$ 0.021 χ^2 /NDF: 1558928.2/20

In: 81.116 $\pm$ 0.030 χ^2 /NDF:754295.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 81.037 $\pm$ 0.021 χ^2 /NDF: 1558928.2/20

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: 683.225+/-274.833 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

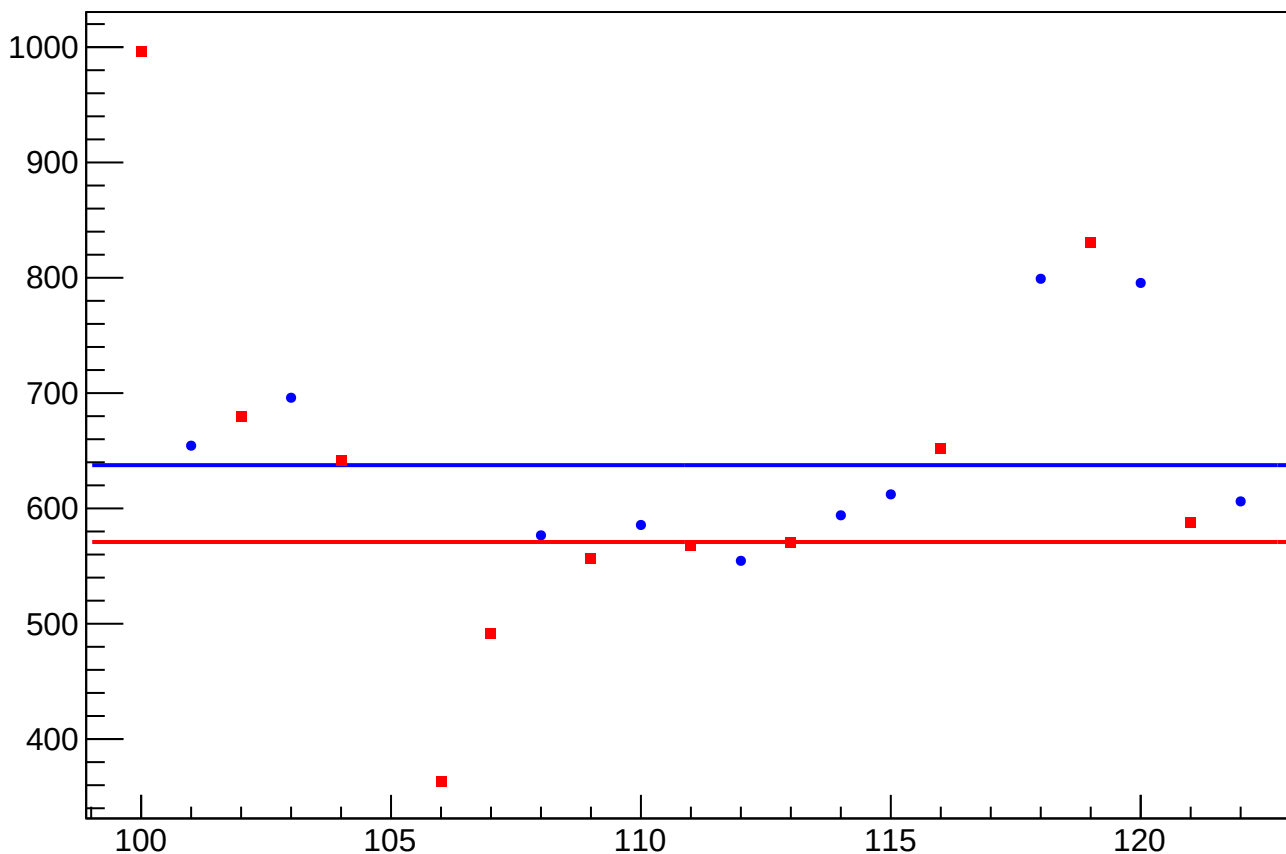
Right: 434.075+/-207.877 χ^2/NDF : 20.6/20

In: 100.956+/-317.788 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.075+/-207.877 χ^2/NDF : 20.6/20

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: 570.890+/-0.194 χ^2/NDF : 400508.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

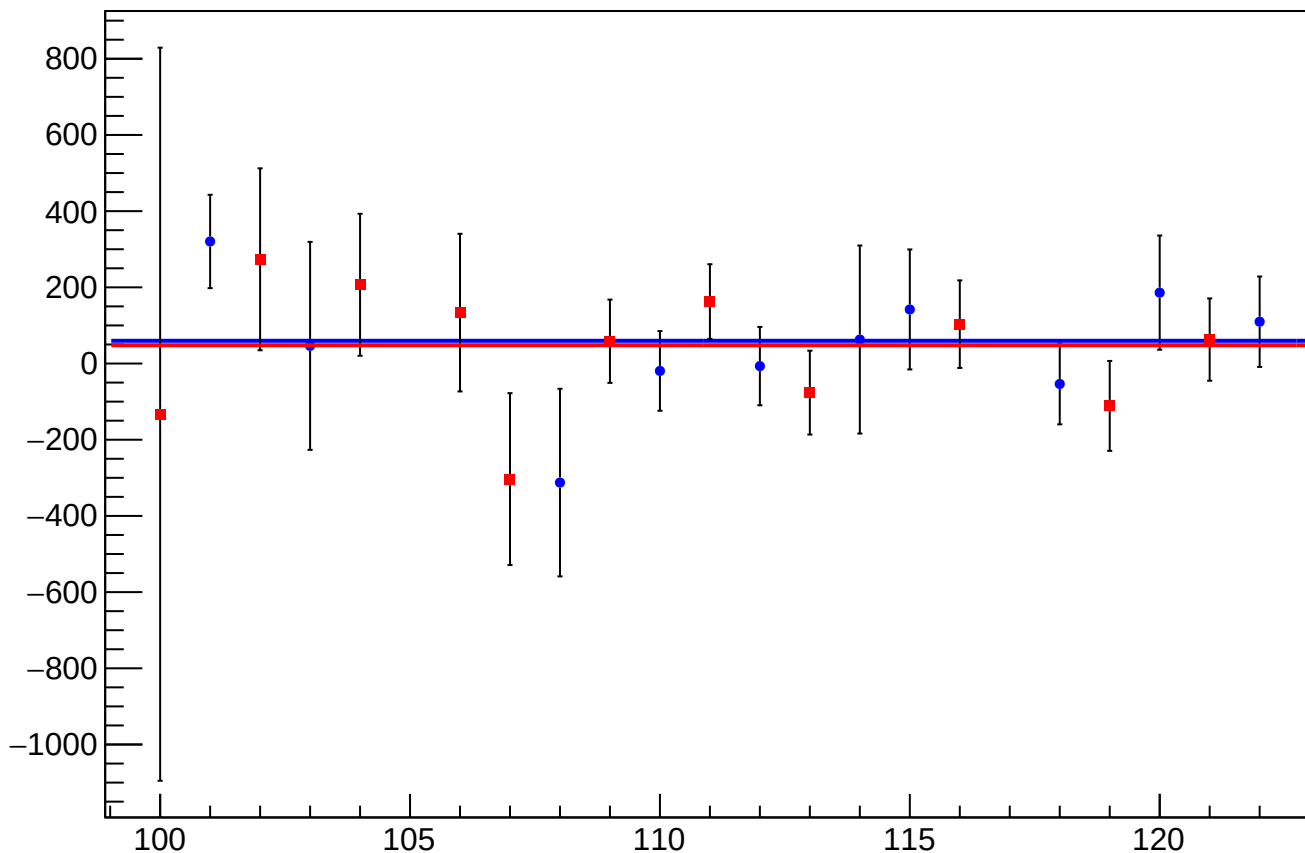
Right: 599.402+/-0.147 χ^2/NDF : 572728.2/20

In: 637.523+/-0.225 χ^2/NDF : 121915.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.402+/-0.147 χ^2/NDF : 572728.2/20

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: 48.055+/-41.027 χ^2/NDF : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

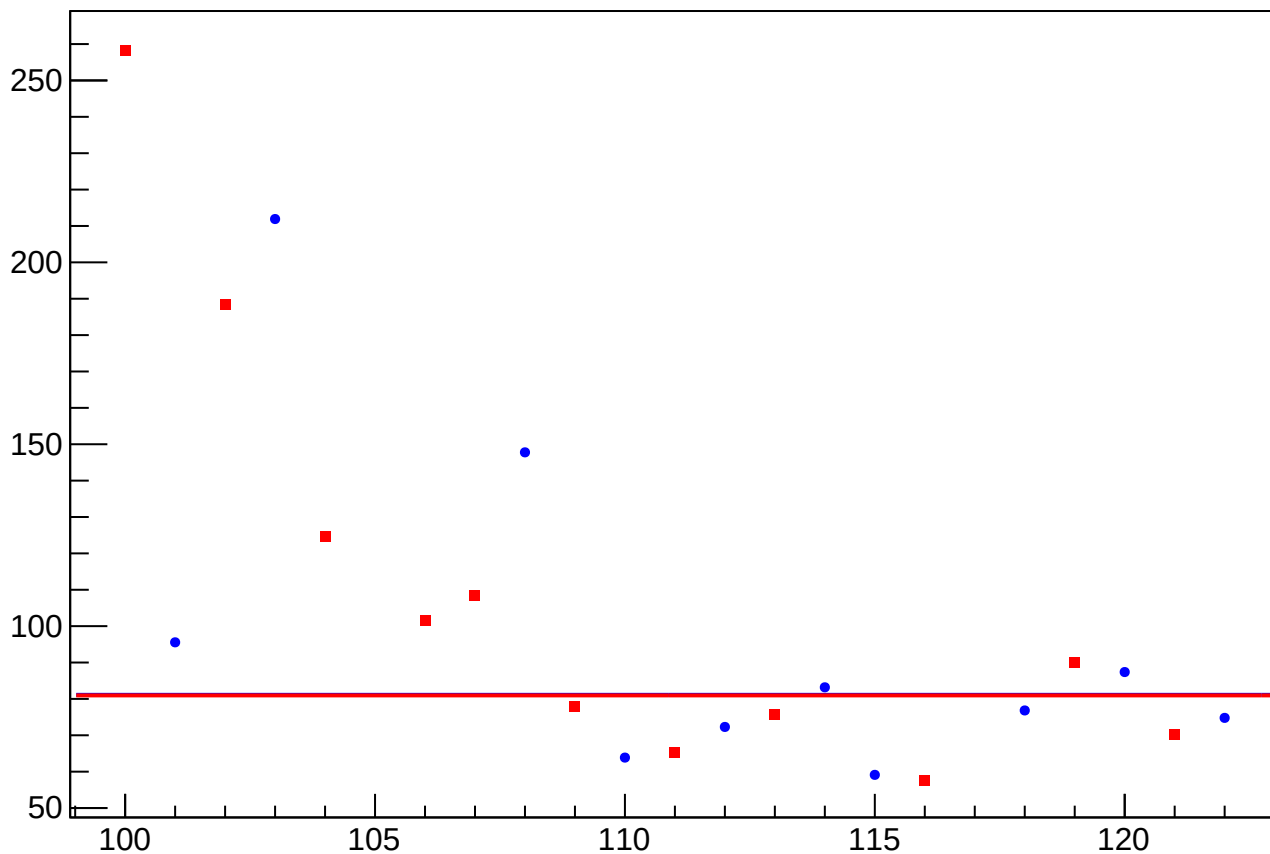
Right: 53.636+/-29.644 χ^2/NDF : 19.1/20

In: 59.732+/-42.882 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.636+/-29.644 χ^2/NDF : 19.1/20

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: 80.964 $\pm$ 0.029 χ^2 /NDF: 804611.0/10

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

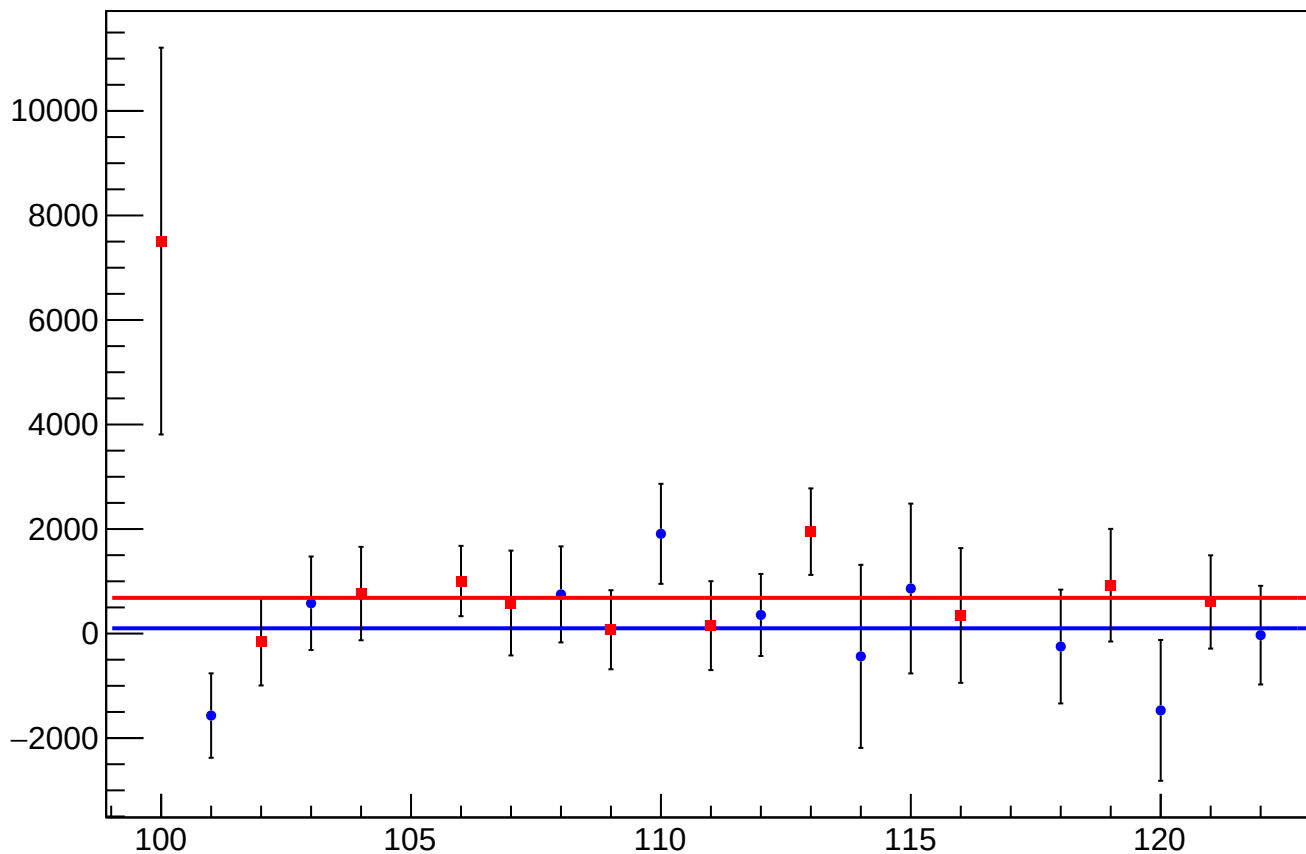
Right: 81.037 $\pm$ 0.021 χ^2 /NDF: 1558924.3/20

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: 81.037 $\pm$ 0.021 χ^2 /NDF: 1558924.3/20

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: 683.224+/-274.832 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

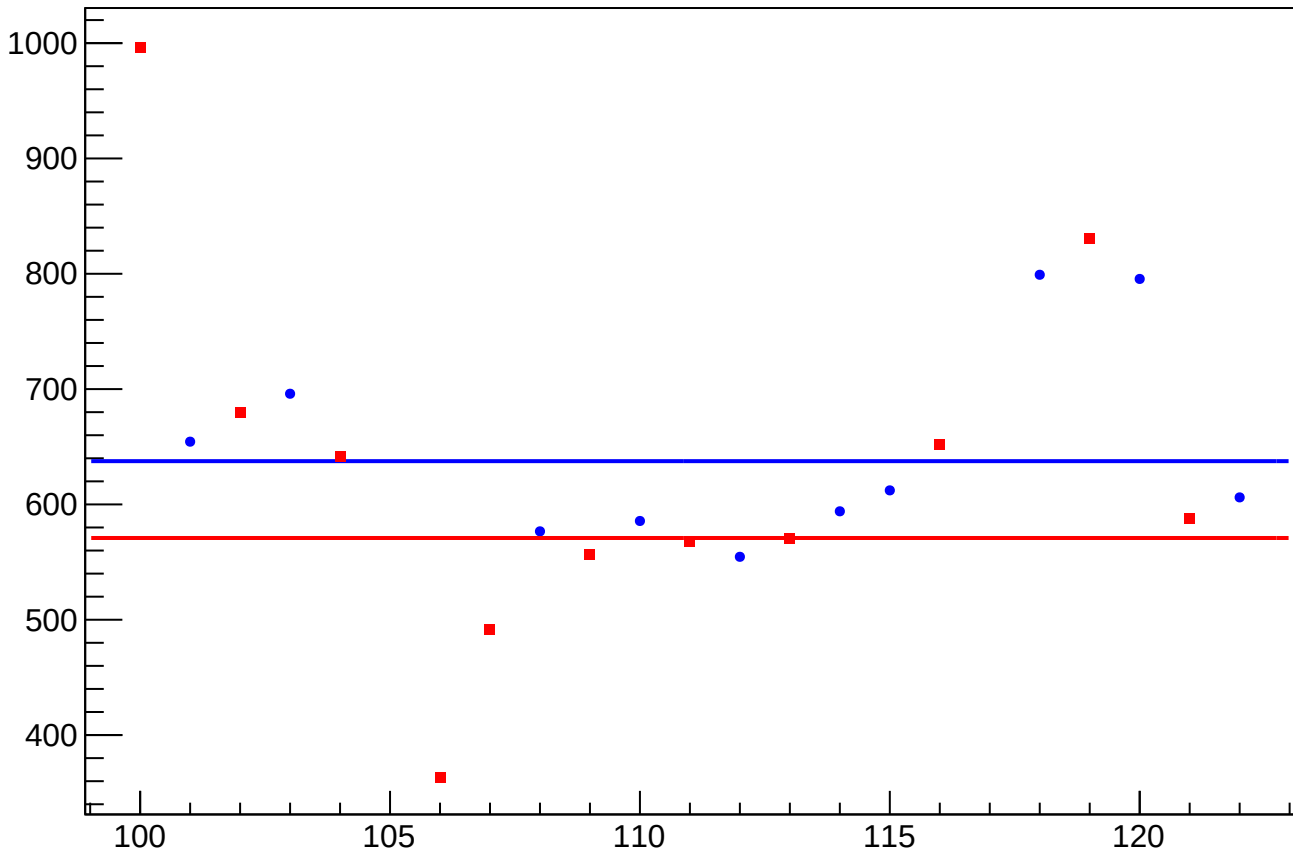
Right: 434.074+/-207.877 χ^2/NDF : 20.6/20

In: 100.956+/-317.787 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.074+/-207.877 χ^2/NDF : 20.6/20

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: 570.889+/-0.194 χ^2/NDF : 400509.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

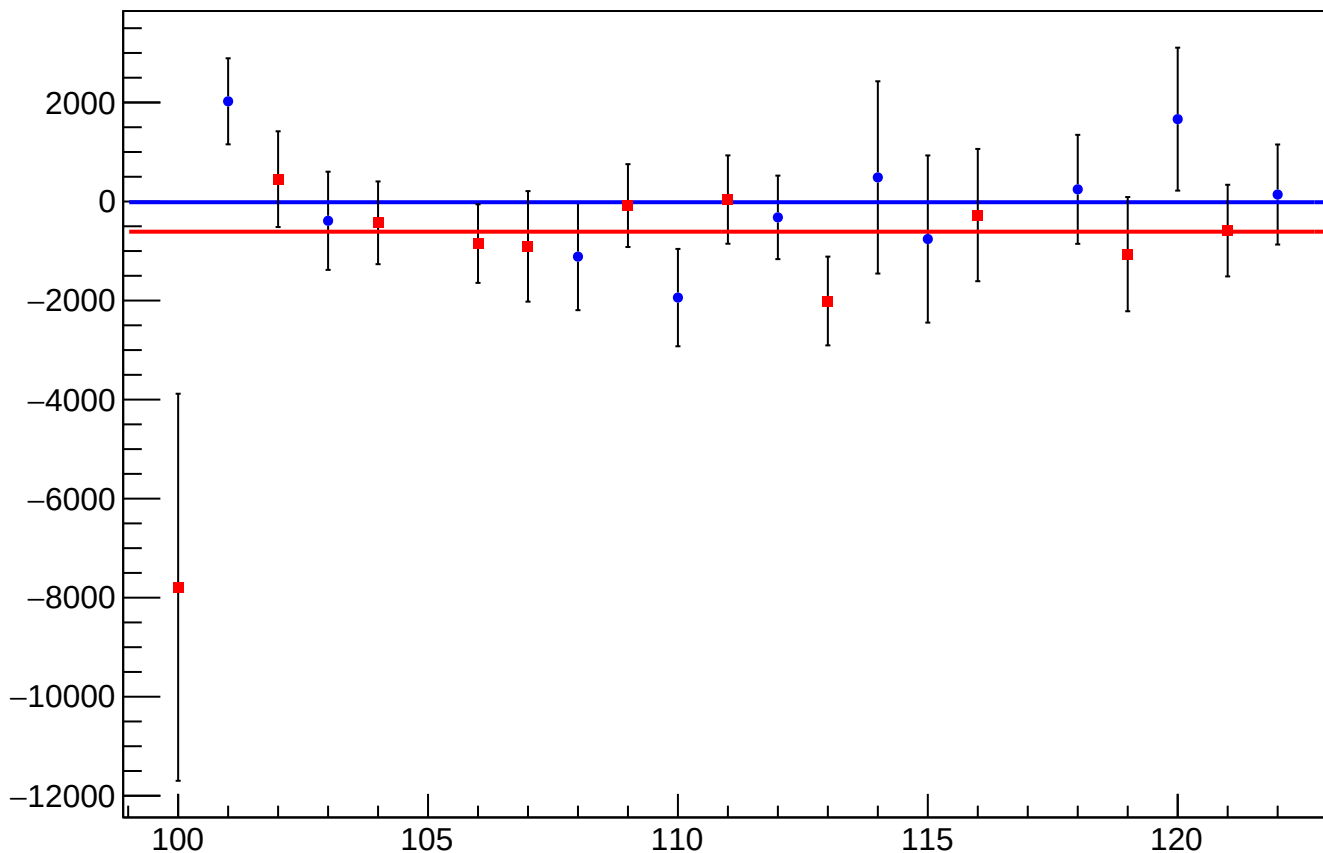
Right: 599.401+/-0.147 χ^2/NDF : 572732.9/20

In: 637.522+/-0.225 χ^2/NDF : 121918.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.401+/-0.147 χ^2/NDF : 572732.9/20

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: -609.333+/-296.560 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

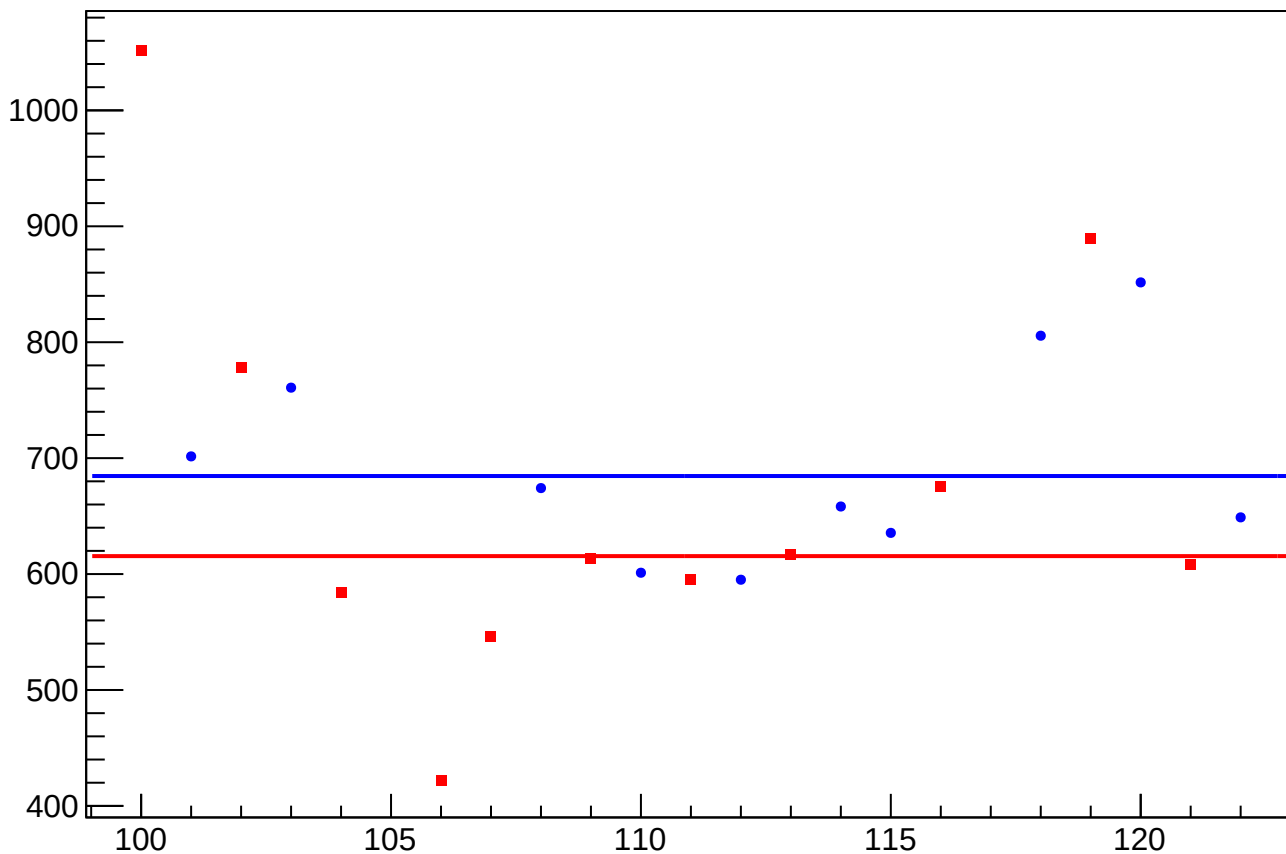
Right: -354.060+/-224.107 χ^2/NDF : 22.4/20

In: -14.207+/-342.182 χ^2/NDF :12.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -354.060+/-224.107 χ^2/NDF : 22.4/20

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: 615.489+/-0.210 χ^2/NDF : 328462.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

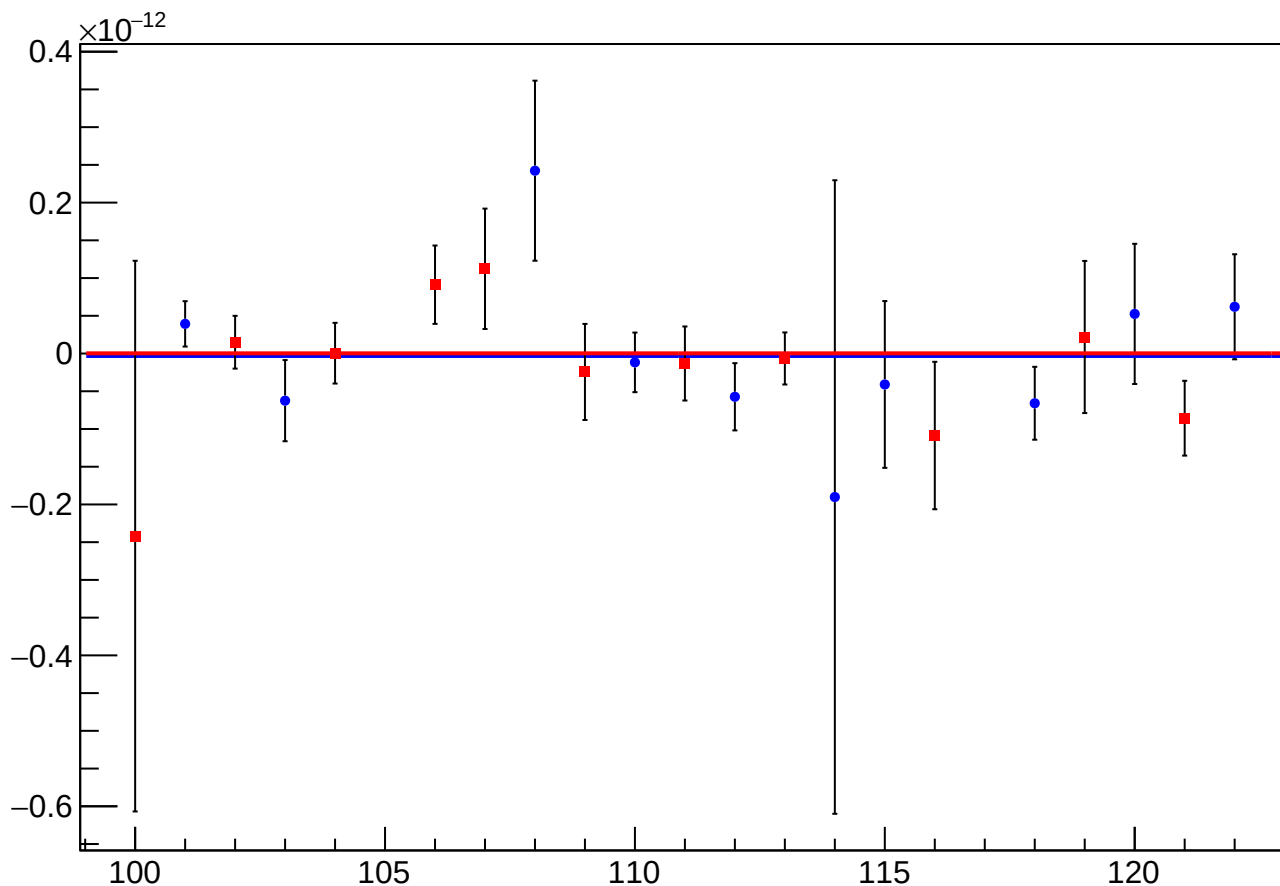
Right: 645.121+/-0.158 χ^2/NDF : 480229.5/20

In: 684.571+/-0.242 χ^2/NDF : 105216.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.121+/-0.158 χ^2/NDF : 480229.5/20

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 : 10.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

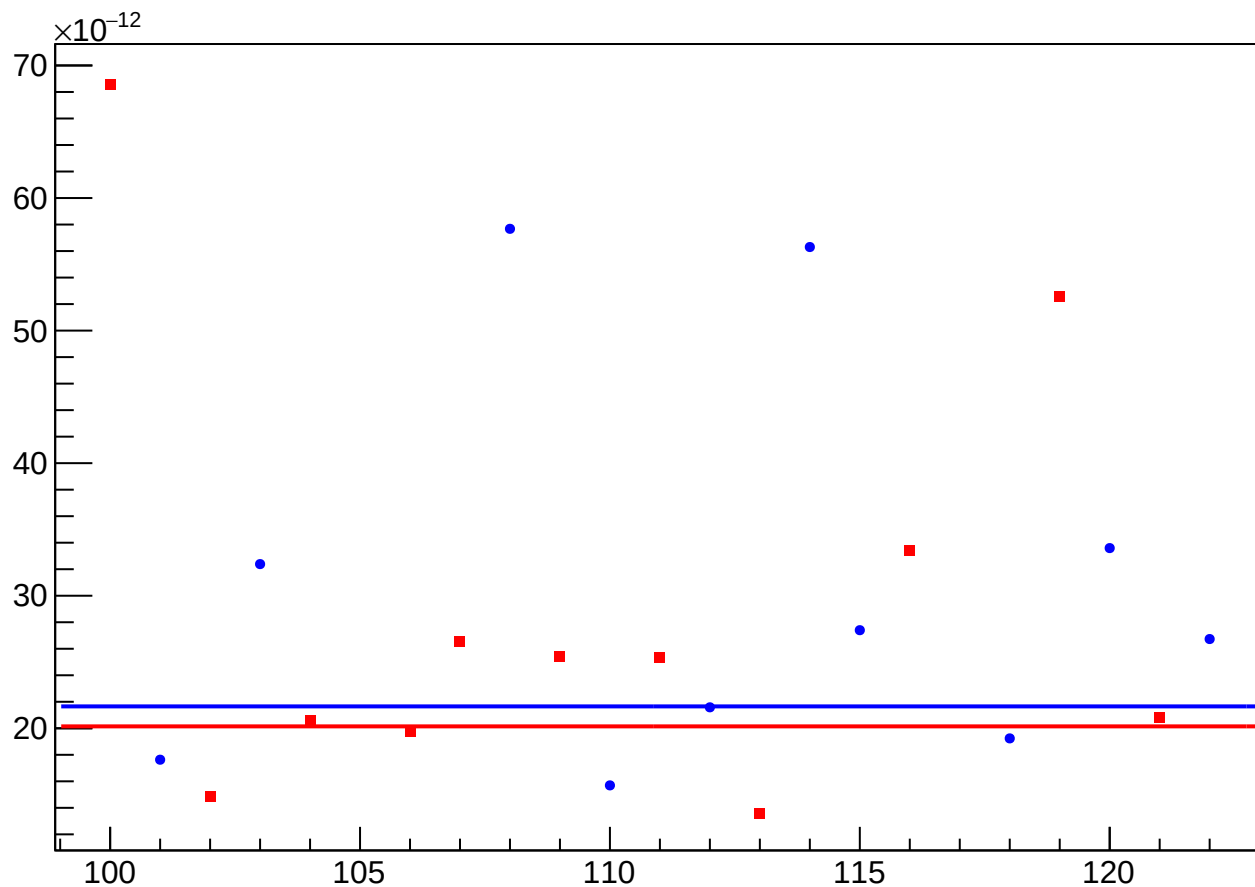
Right: -0.000+/-0.000 χ^2/NDF : 22.5/20

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 : 22.5/20

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 : 446860.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

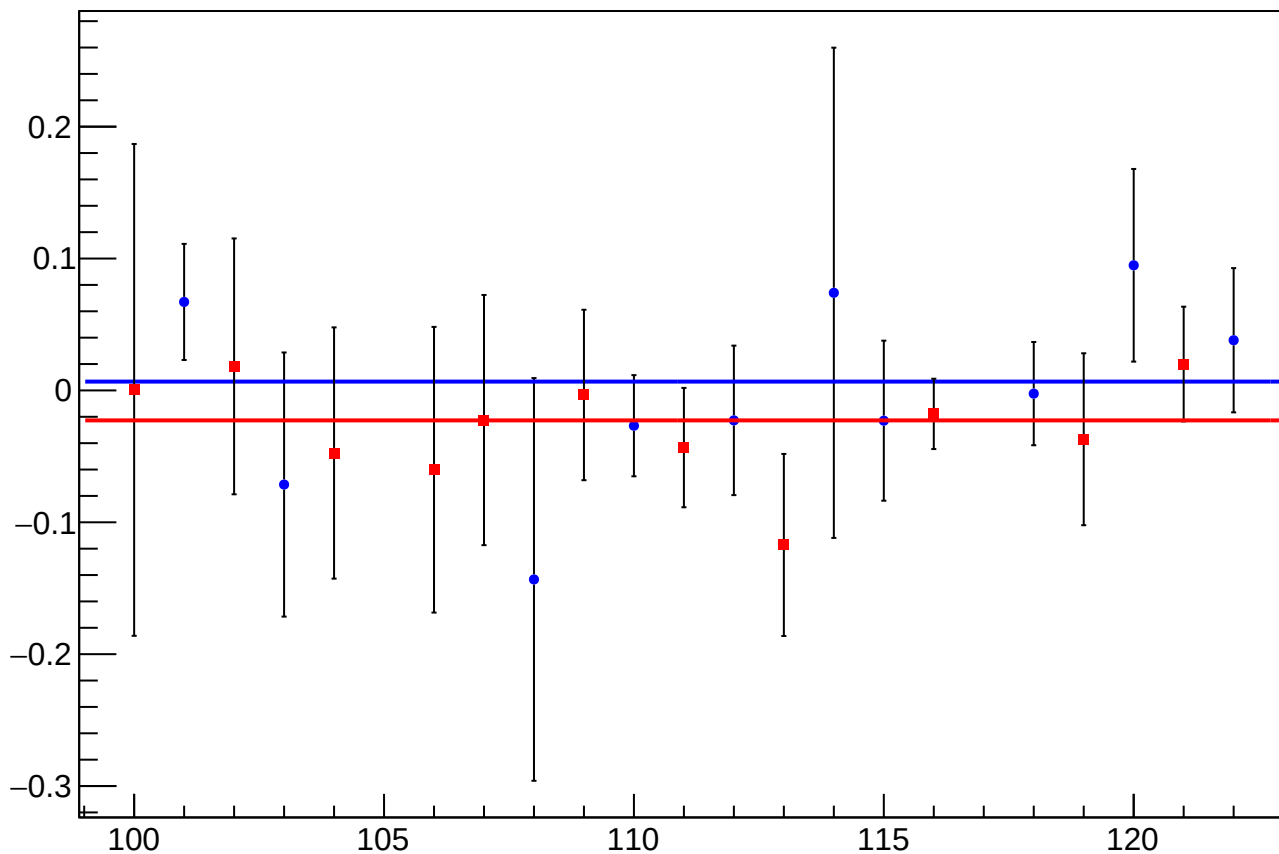
Right: 0.000+/-0.000 χ^2/NDF : 866532.3/20

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 : 866532.3/20

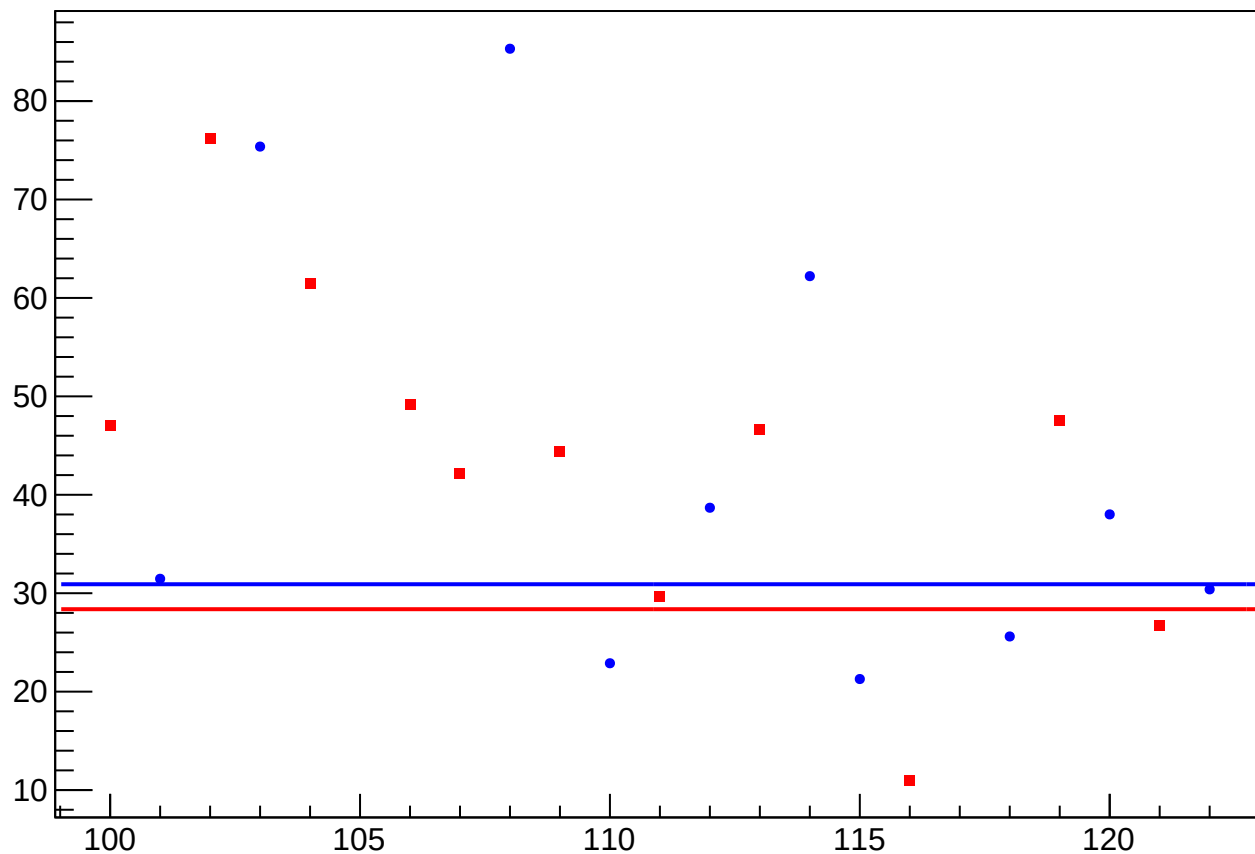
asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.023+/-0.017 χ^2/NDF : 3.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.009+/-0.012 χ^2/NDF : 11.7/20
 In: 0.007+/-0.018 χ^2/NDF : 6.7/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.009+/-0.012 χ^2/NDF : 11.7/20

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: 28.376+/-0.012 χ^2/NDF : 2156162.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

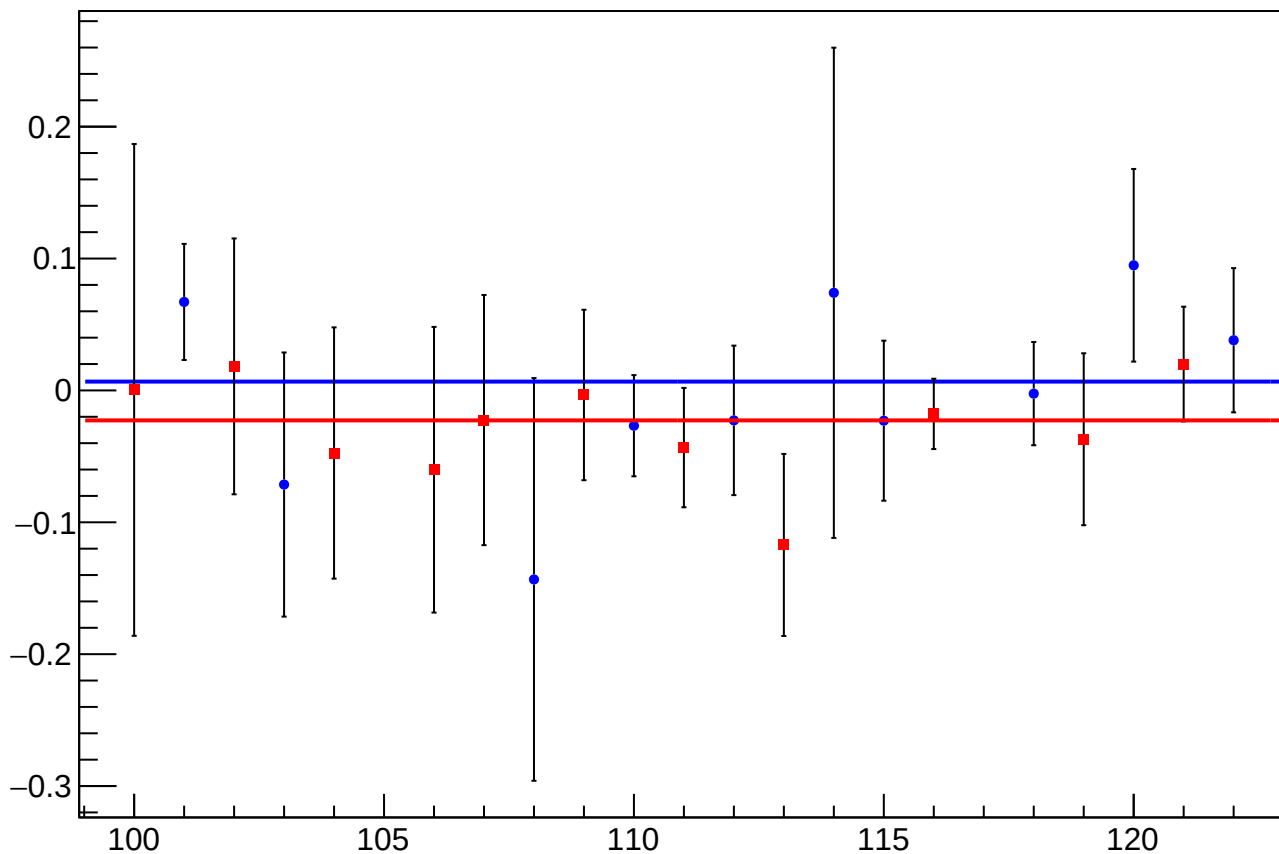
Right: 29.563+/-0.009 χ^2/NDF : 3114193.7/20

In: 30.911+/-0.013 χ^2/NDF : 936658.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.563+/-0.009 χ^2/NDF : 3114193.7/20

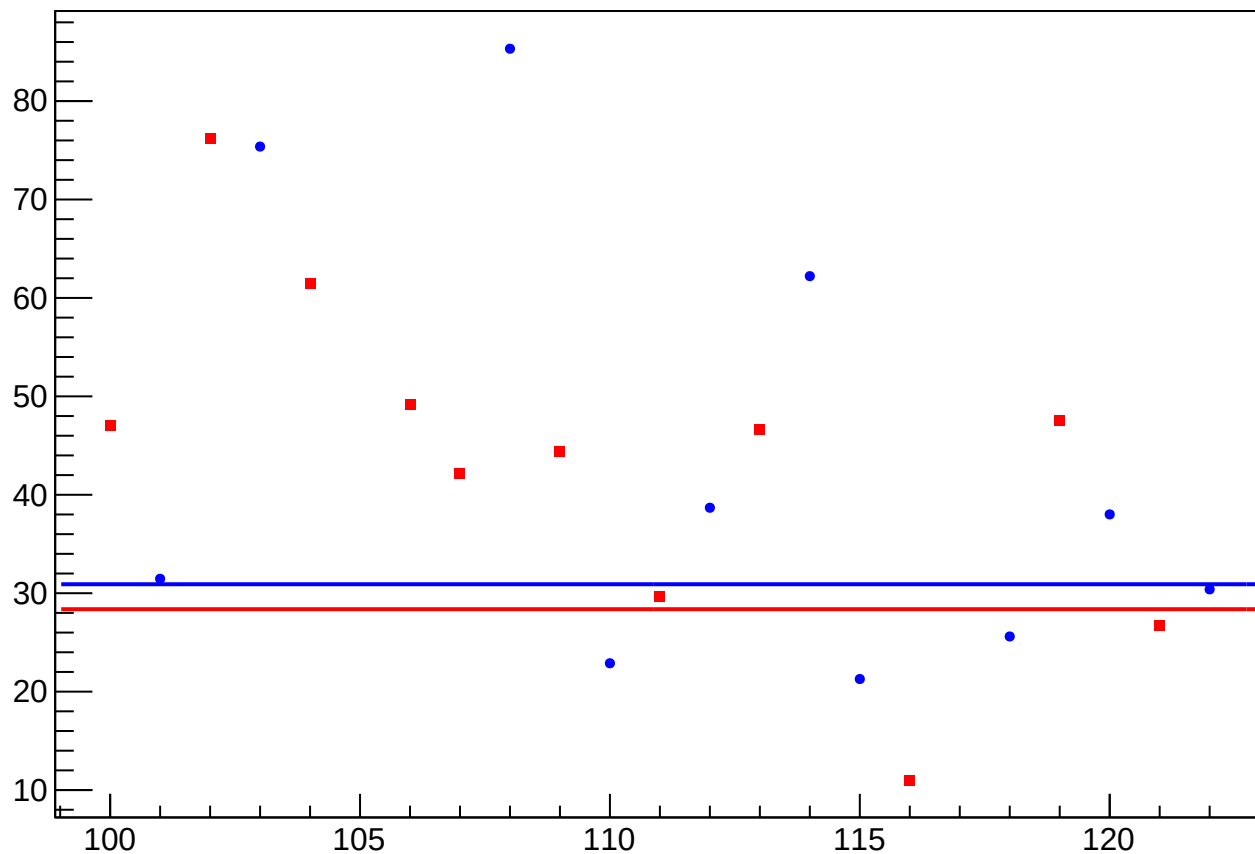
asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.023 $\pm$ 0.017 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: -0.009 $\pm$ 0.012 χ^2 /NDF: 11.7/20
 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: -0.009 $\pm$ 0.012 χ^2 /NDF: 11.7/20

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: 28.376+/-0.012 χ^2/NDF : 2156162.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

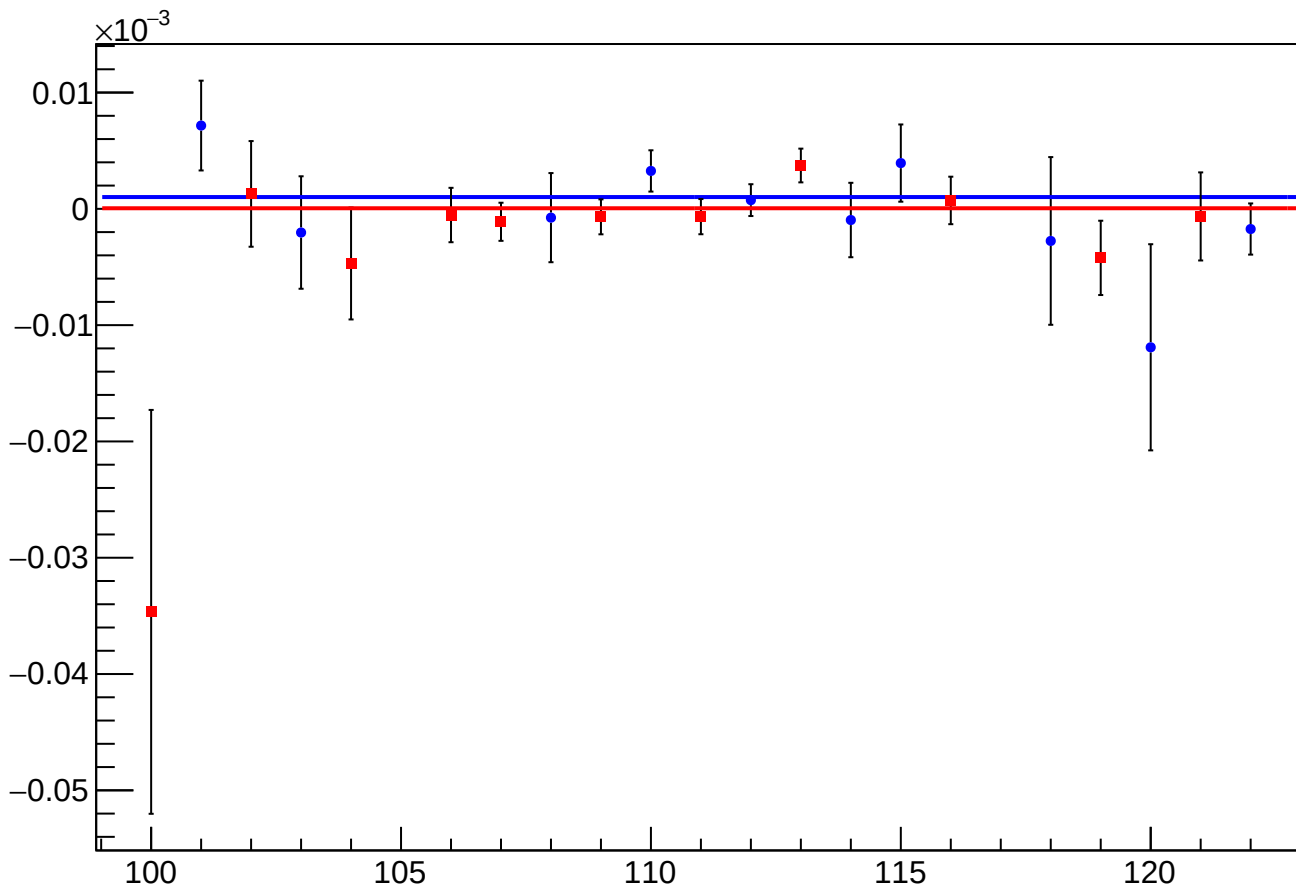
Right: 29.563+/-0.009 χ^2/NDF : 3114193.7/20

In: 30.911+/-0.013 χ^2/NDF : 936658.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.563+/-0.009 χ^2/NDF : 3114193.7/20

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 : 14.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

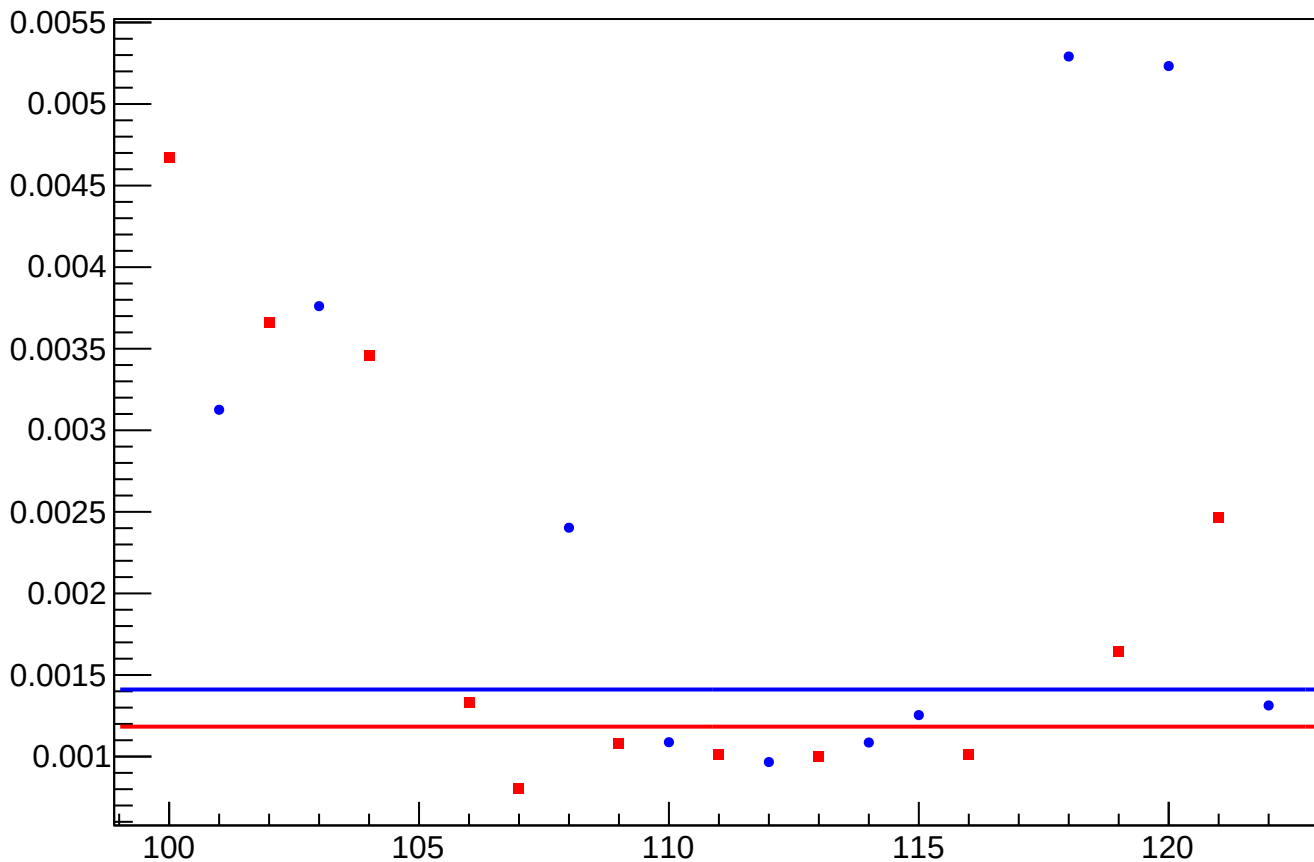
Right: 0.000+/-0.000 χ^2/NDF : 25.2/20

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 : 25.2/20

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 : 1588215.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

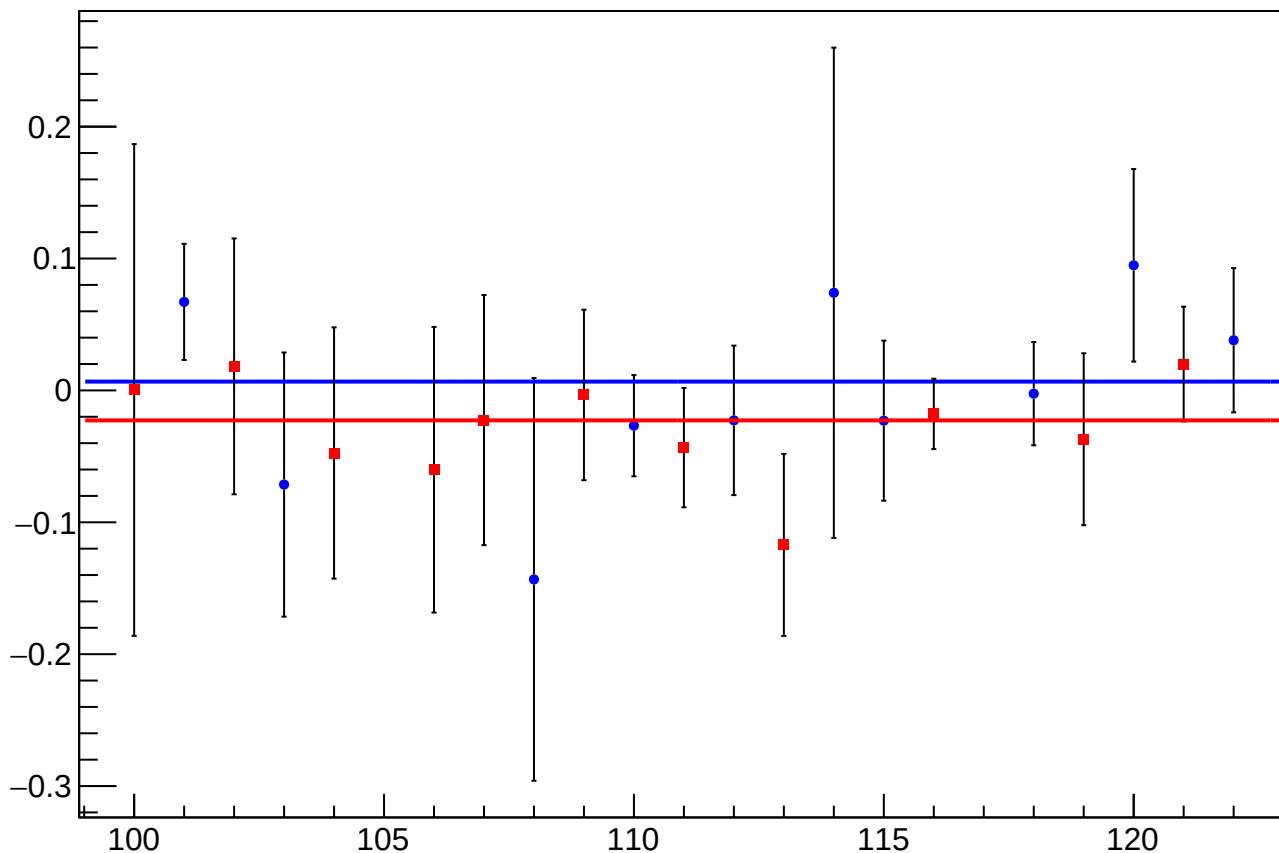
Right: 0.001+/-0.000 χ^2/NDF : 3940990.3/20

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 : 3940990.3/20

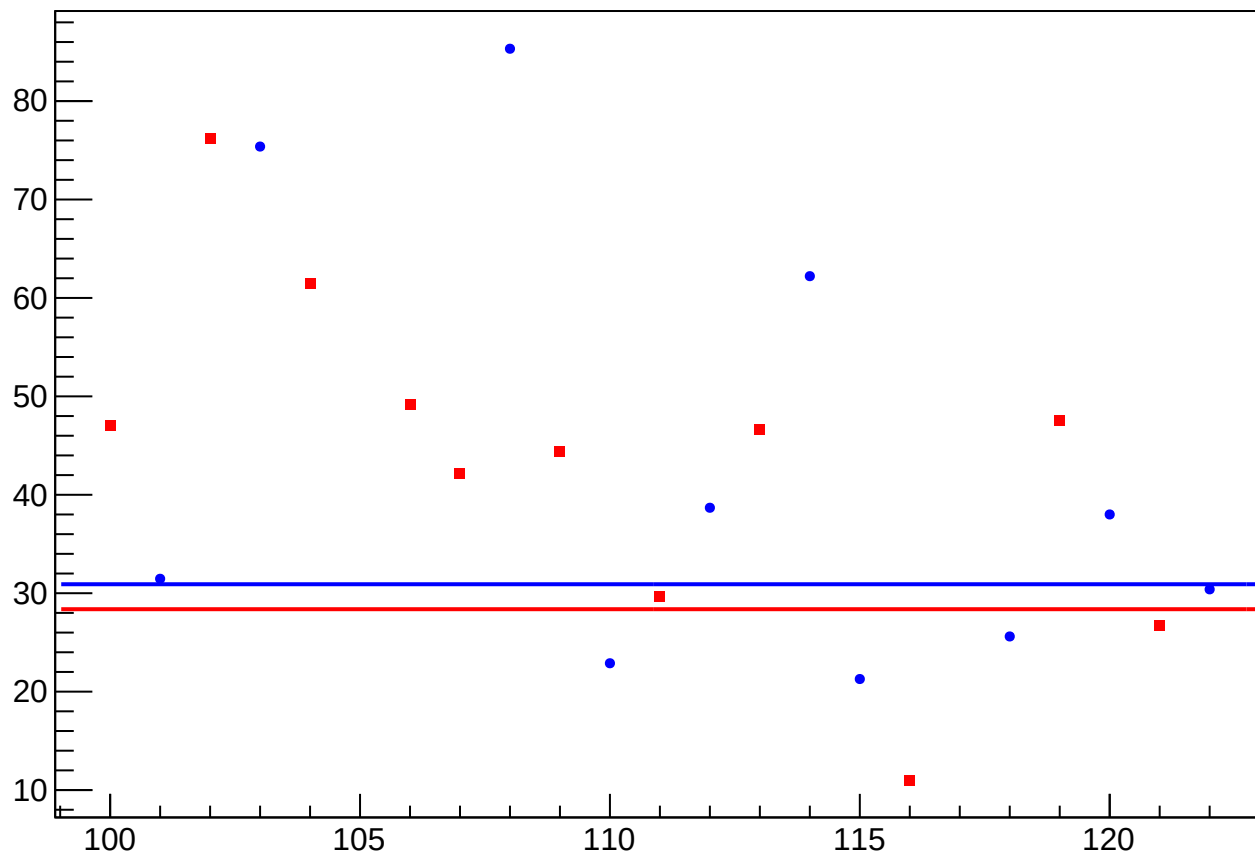
asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.018 χ^2 /NDF: 6.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.023 $\pm$ 0.017 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: -0.009 $\pm$ 0.012 χ^2 /NDF: 11.7/20
 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: -0.009 $\pm$ 0.012 χ^2 /NDF: 11.7/20

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: 28.376+/-0.012 χ^2/NDF : 2156079.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

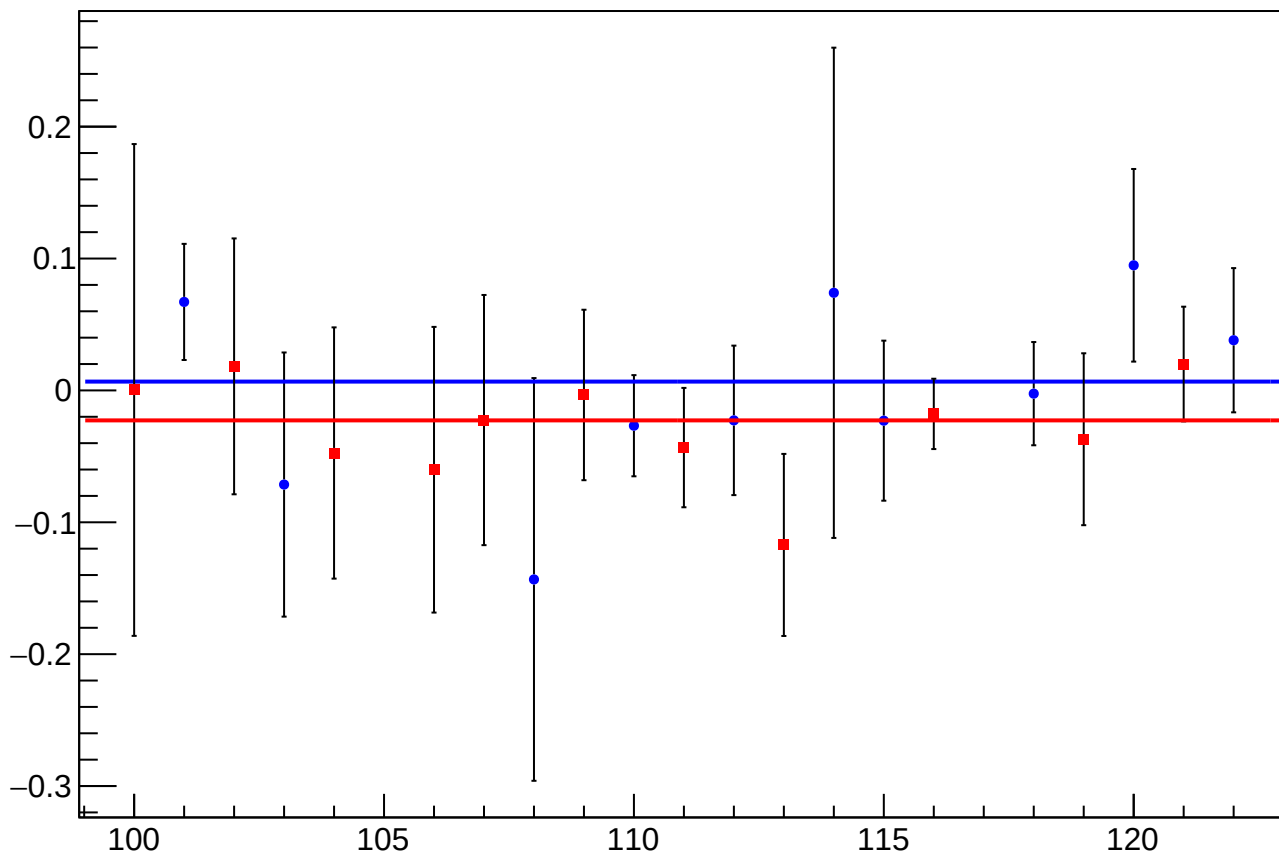
Right: 29.563+/-0.009 χ^2/NDF : 3114087.2/20

In: 30.912+/-0.013 χ^2/NDF : 936627.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.563+/-0.009 χ^2/NDF : 3114087.2/20

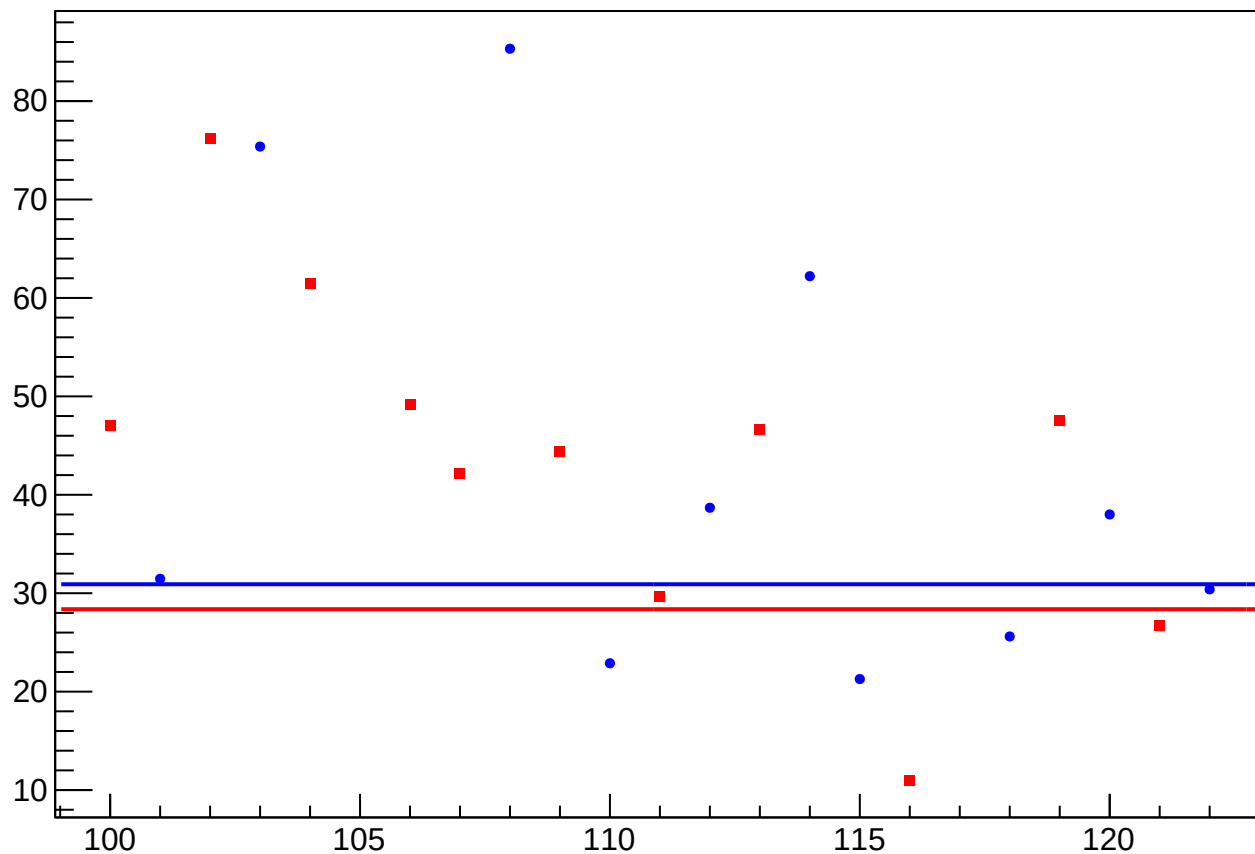
asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.023+/-0.017 χ^2/NDF : 3.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.009+/-0.012 χ^2/NDF : 11.7/20
 In: 0.007+/-0.018 χ^2/NDF : 6.7/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.009+/-0.012 χ^2/NDF : 11.7/20

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: 28.376+/-0.012 χ^2/NDF : 2156079.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

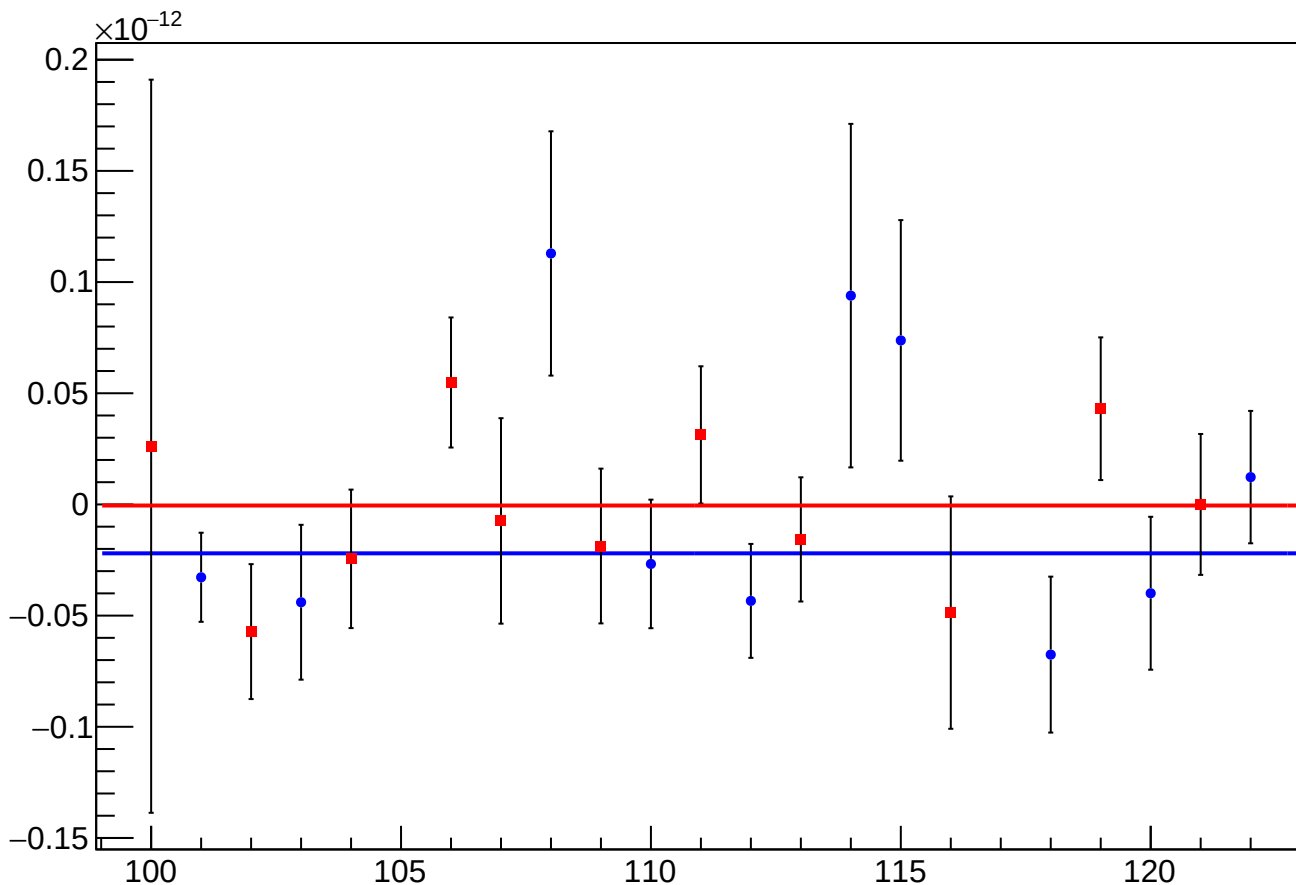
Right: 29.563+/-0.009 χ^2/NDF : 3114087.2/20

In: 30.912+/-0.013 χ^2/NDF : 936627.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.563+/-0.009 χ^2/NDF : 3114087.2/20

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 : 12.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

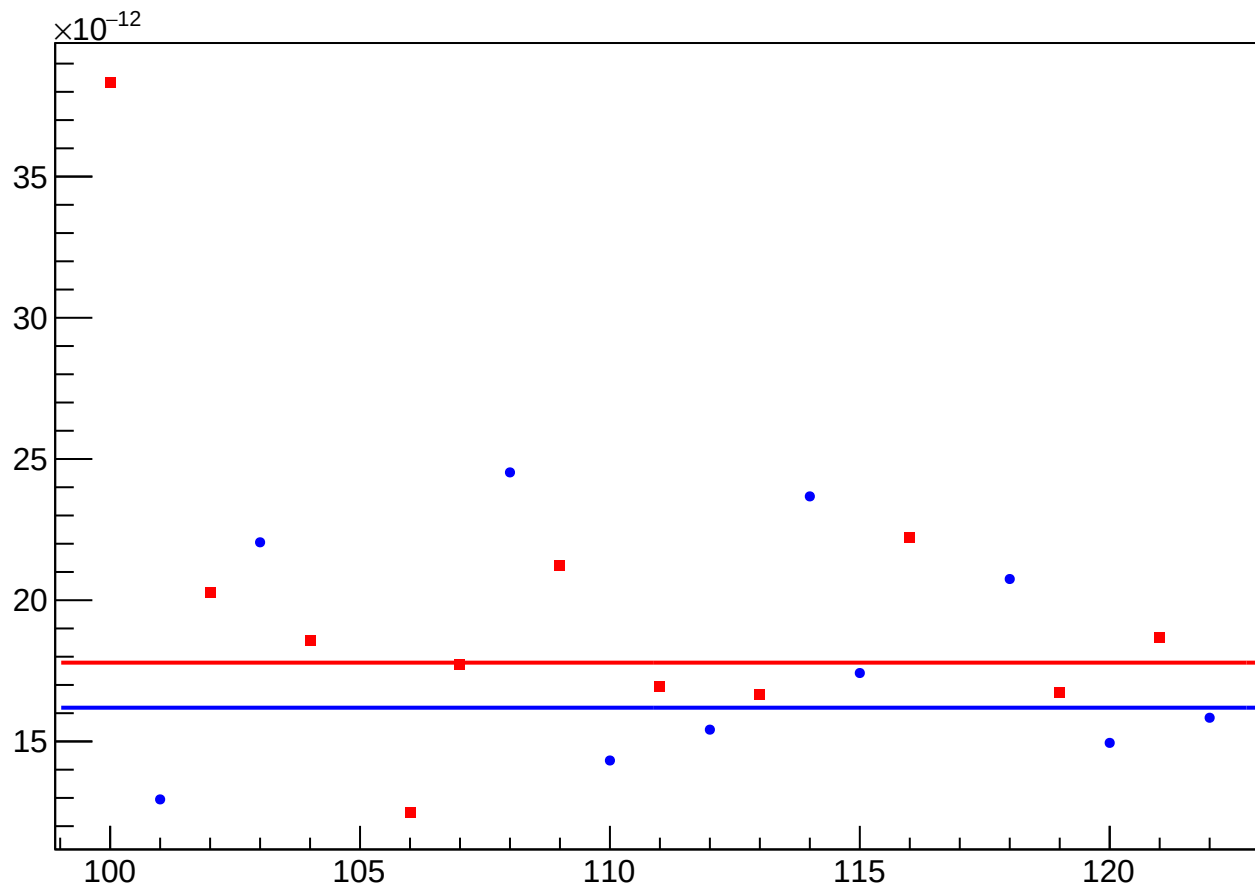
Right: -0.000+/-0.000 χ^2/NDF : 30.3/20

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 : 30.3/20

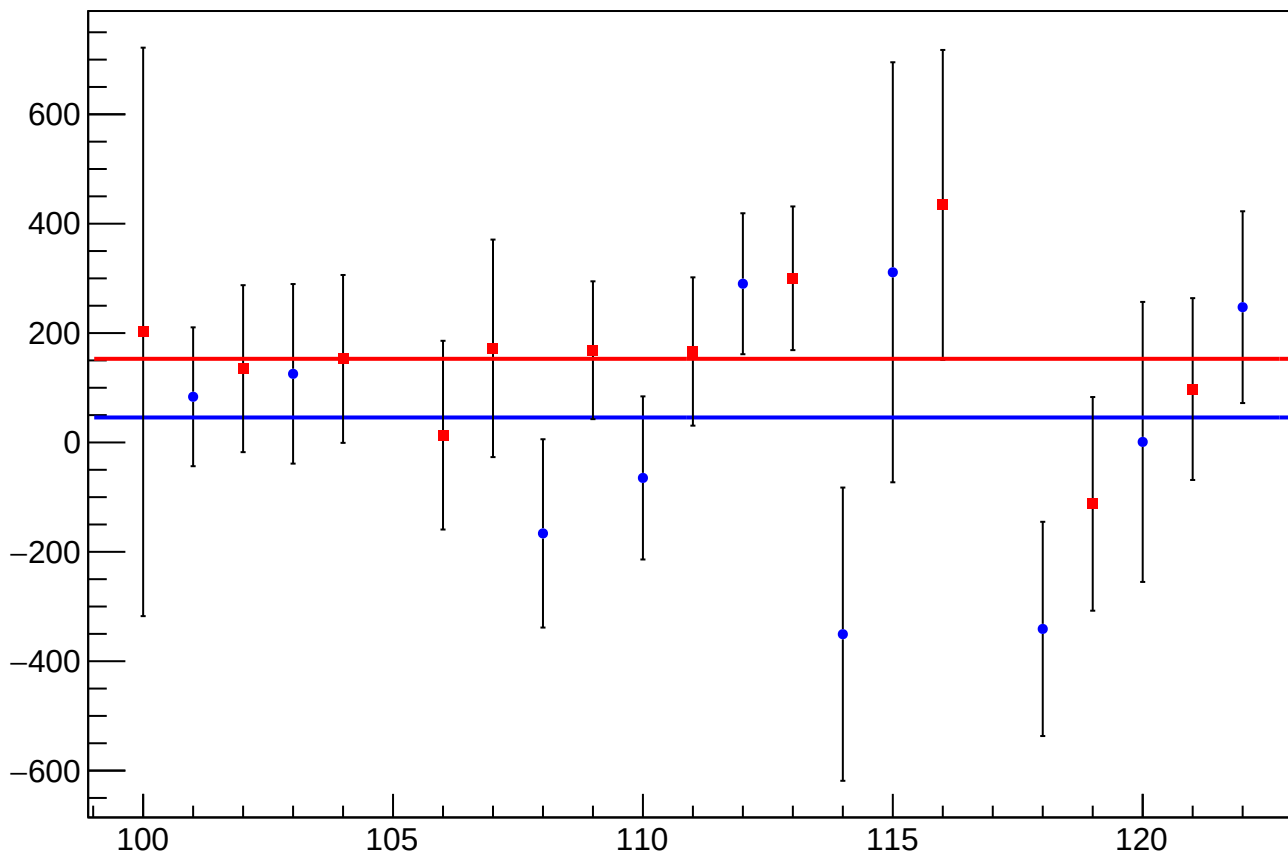
asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 153824.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 399701.9/20
 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 : 399701.9/20

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: 152.929+/-50.117 χ^2/NDF : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

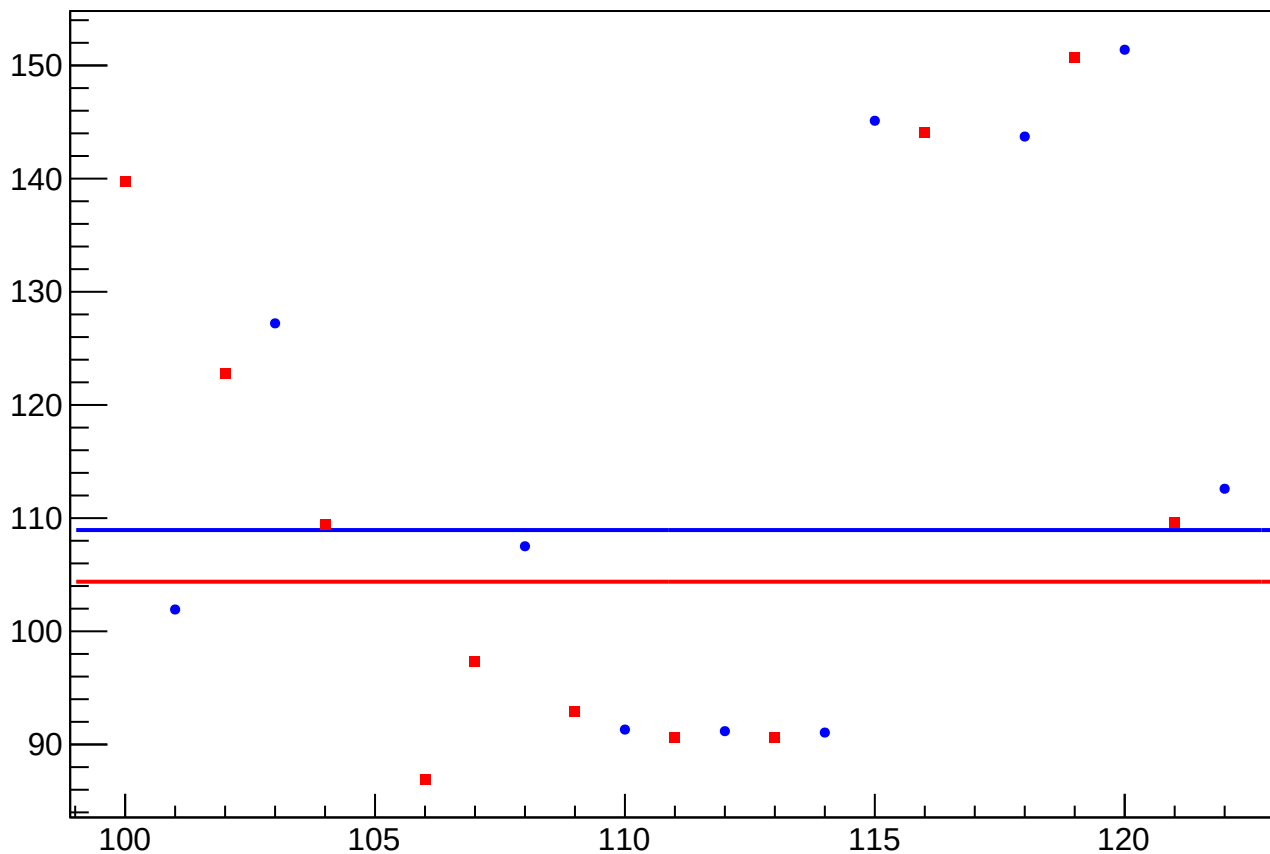
Right: 104.111+/-36.992 χ^2/NDF : 20.9/20

In: 45.678+/-54.831 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.111+/-36.992 χ^2/NDF : 20.9/20

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: 104.382+/-0.035 χ^2/NDF : 276391.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

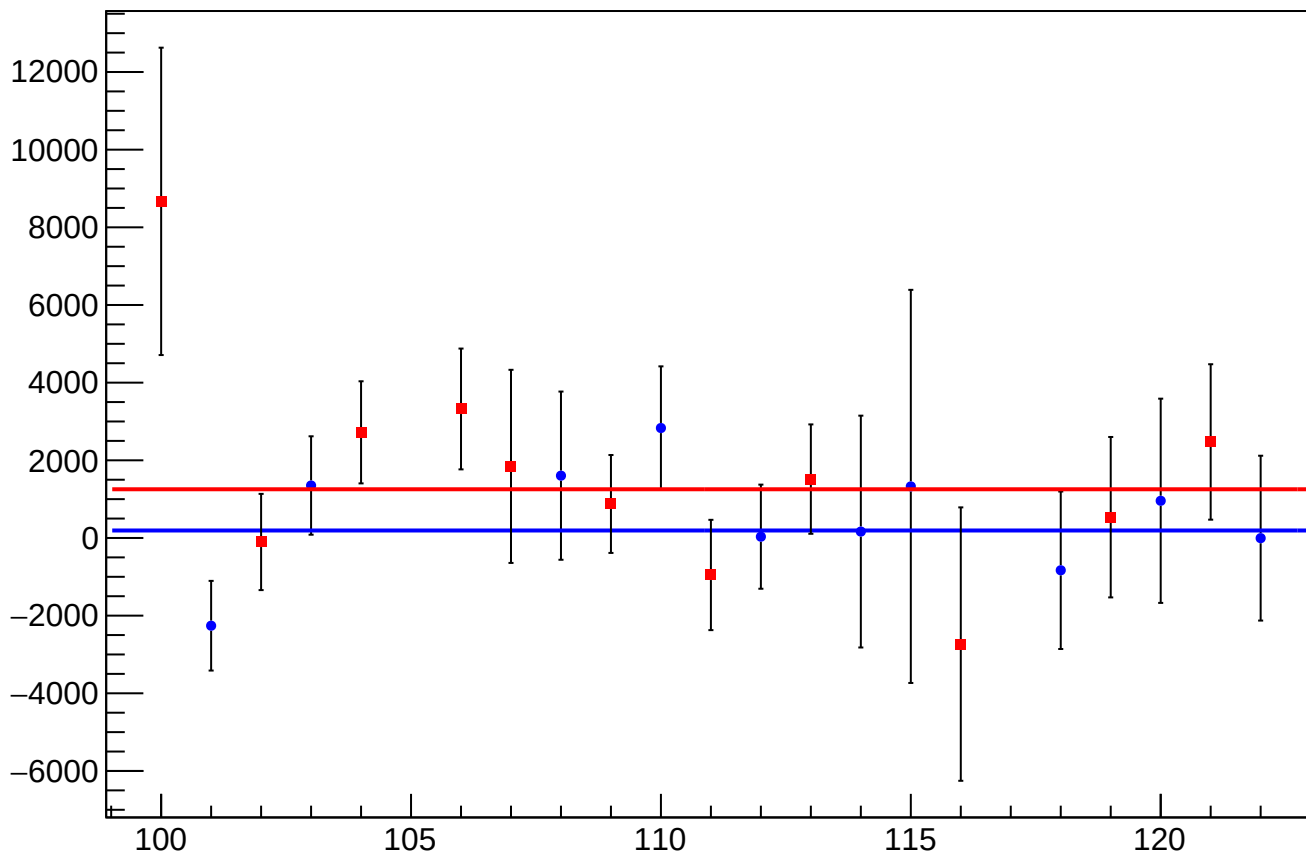
Right: 106.460+/-0.026 χ^2/NDF : 526453.8/20

In: 108.947+/-0.039 χ^2/NDF : 242512.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.460+/-0.026 χ^2/NDF : 526453.8/20

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: 1254.316+/-496.129 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

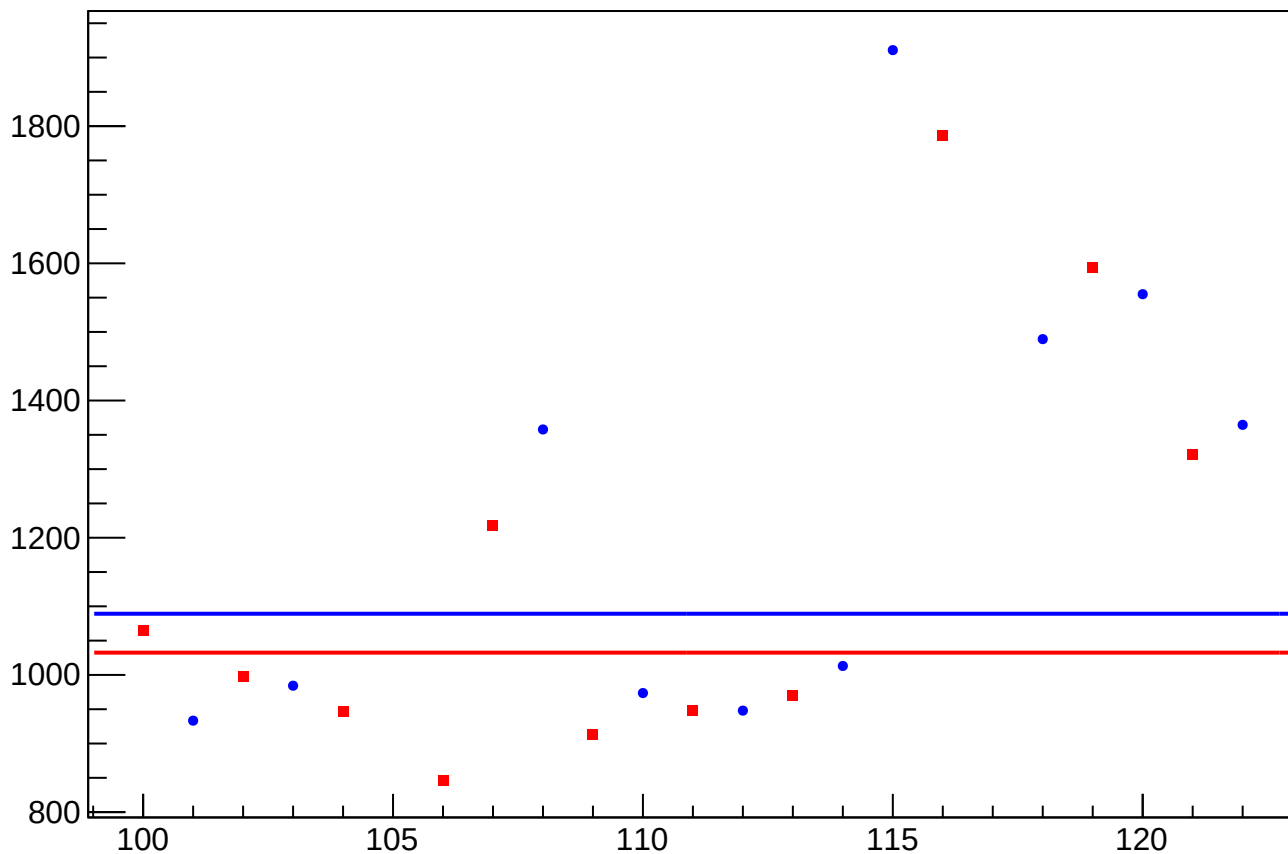
Right: 778.499+/-368.544 χ^2/NDF : 23.1/20

In: 192.671+/-550.502 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.499+/-368.544 χ^2/NDF : 23.1/20

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: 1032.494+/-0.351 χ^2/NDF : 359481.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

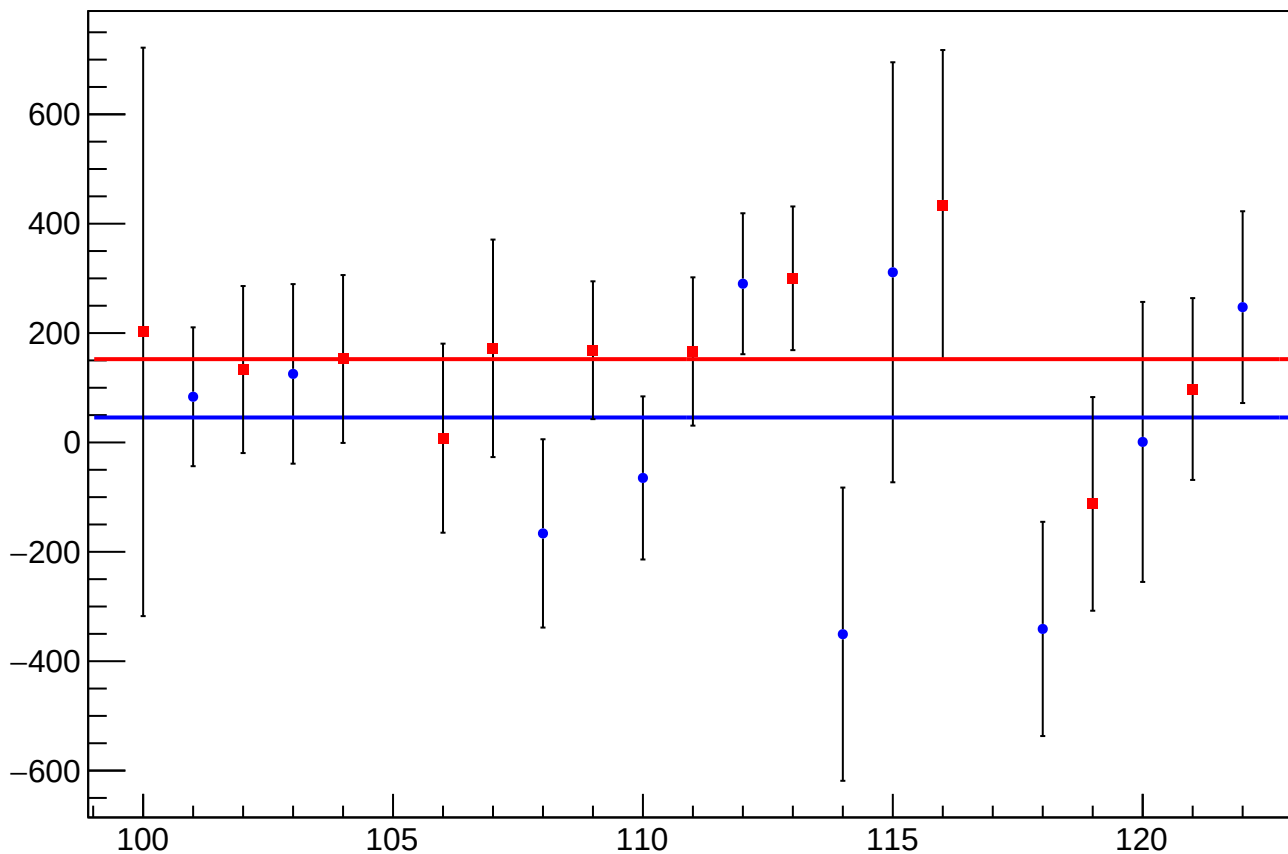
Right: 1057.906+/-0.261 χ^2/NDF : 713233.4/20

In: 1089.194+/-0.389 χ^2/NDF : 342044.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1057.906+/-0.261 χ^2/NDF : 713233.4/20

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: 152.320+/-50.127 χ^2/NDF : 5.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

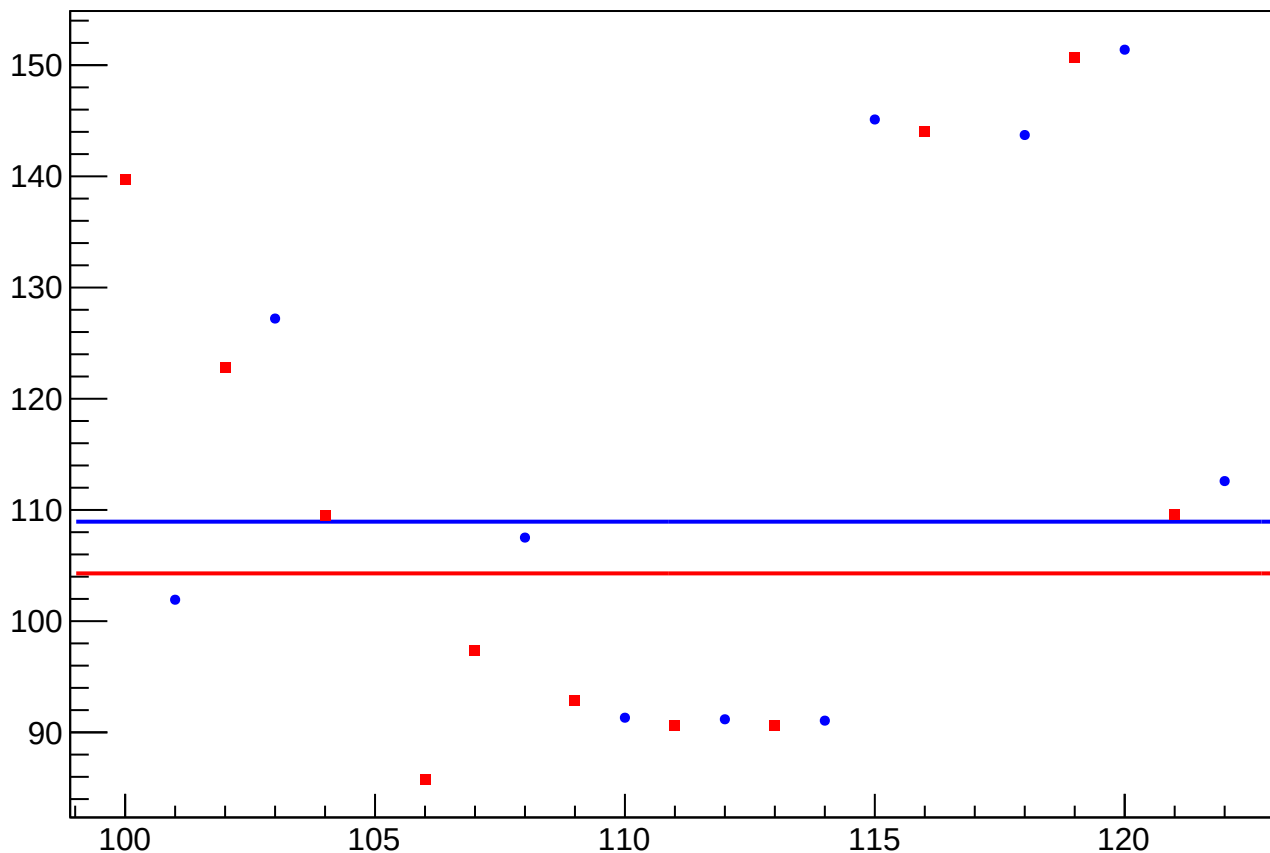
Right: 103.759+/-36.996 χ^2/NDF : 20.9/20

In: 45.657+/-54.831 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.759+/-36.996 χ^2/NDF : 20.9/20

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: 104.295 $\pm$ 0.035 χ^2 /NDF: 279200.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

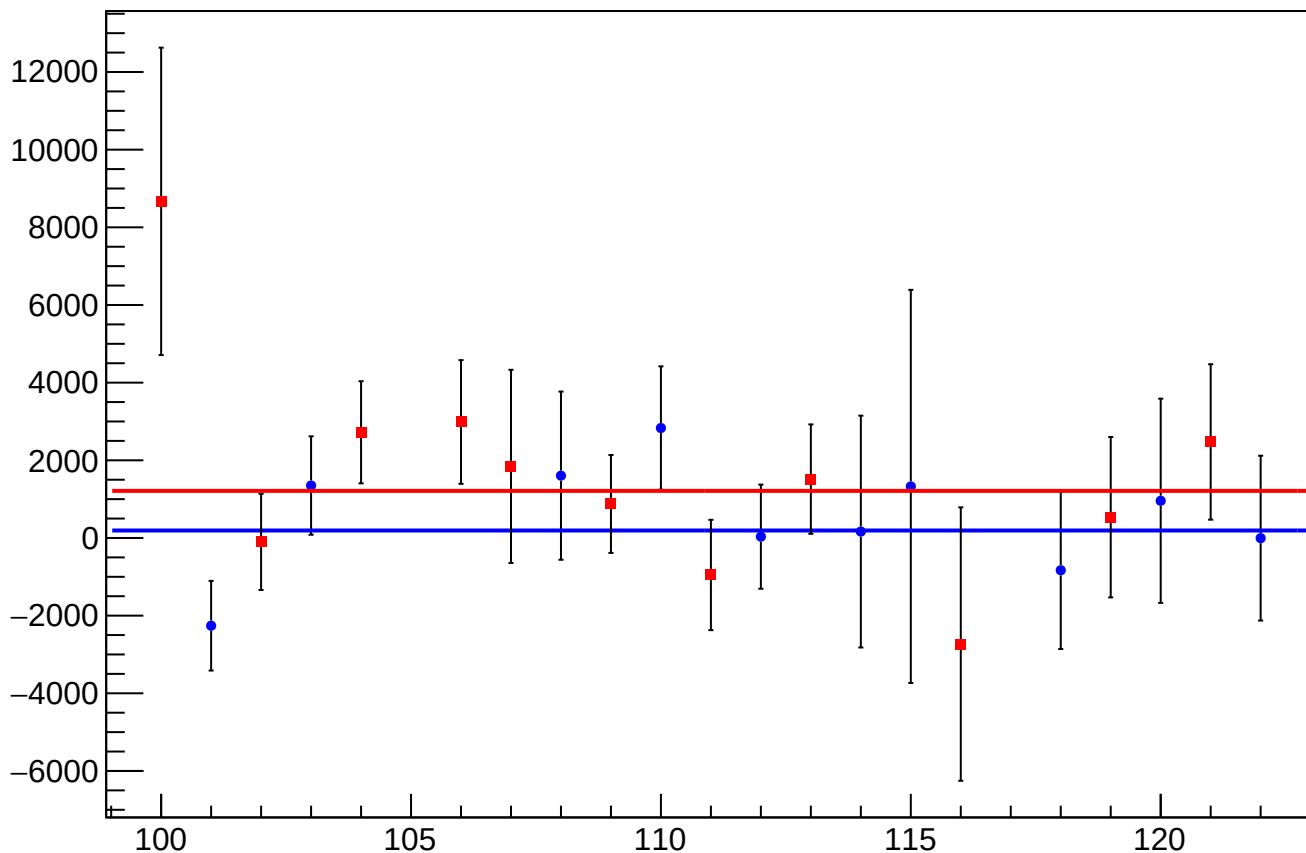
Right: 106.413 $\pm$ 0.026 χ^2 /NDF: 529554.2/20

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: 106.413 $\pm$ 0.026 χ^2 /NDF: 529554.2/20

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: 1212.631+/-497.316 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

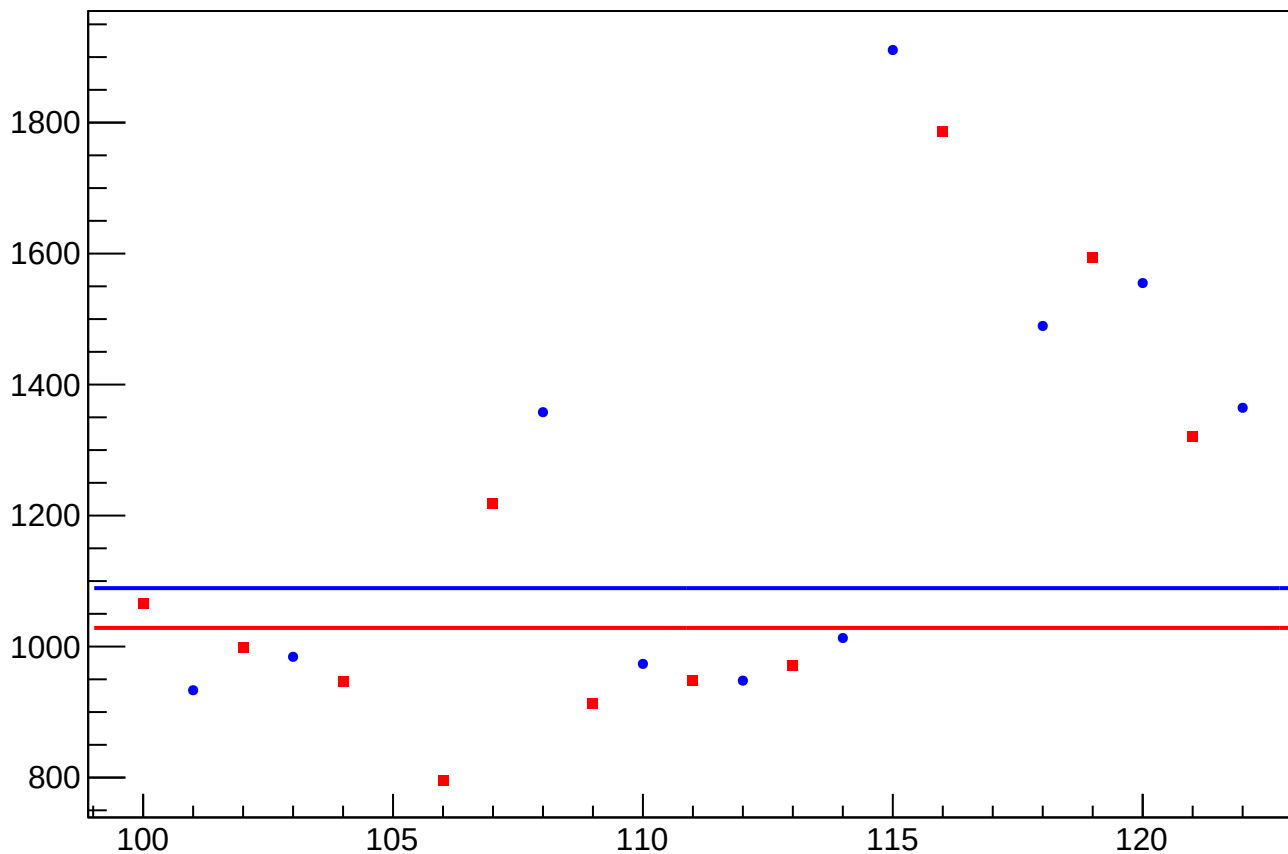
Right: 754.232+/-369.032 χ^2/NDF : 22.3/20

In: 192.530+/-550.508 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 754.232+/-369.032 χ^2/NDF : 22.3/20

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: 1028.490+/-0.352 χ^2/NDF : 374836.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

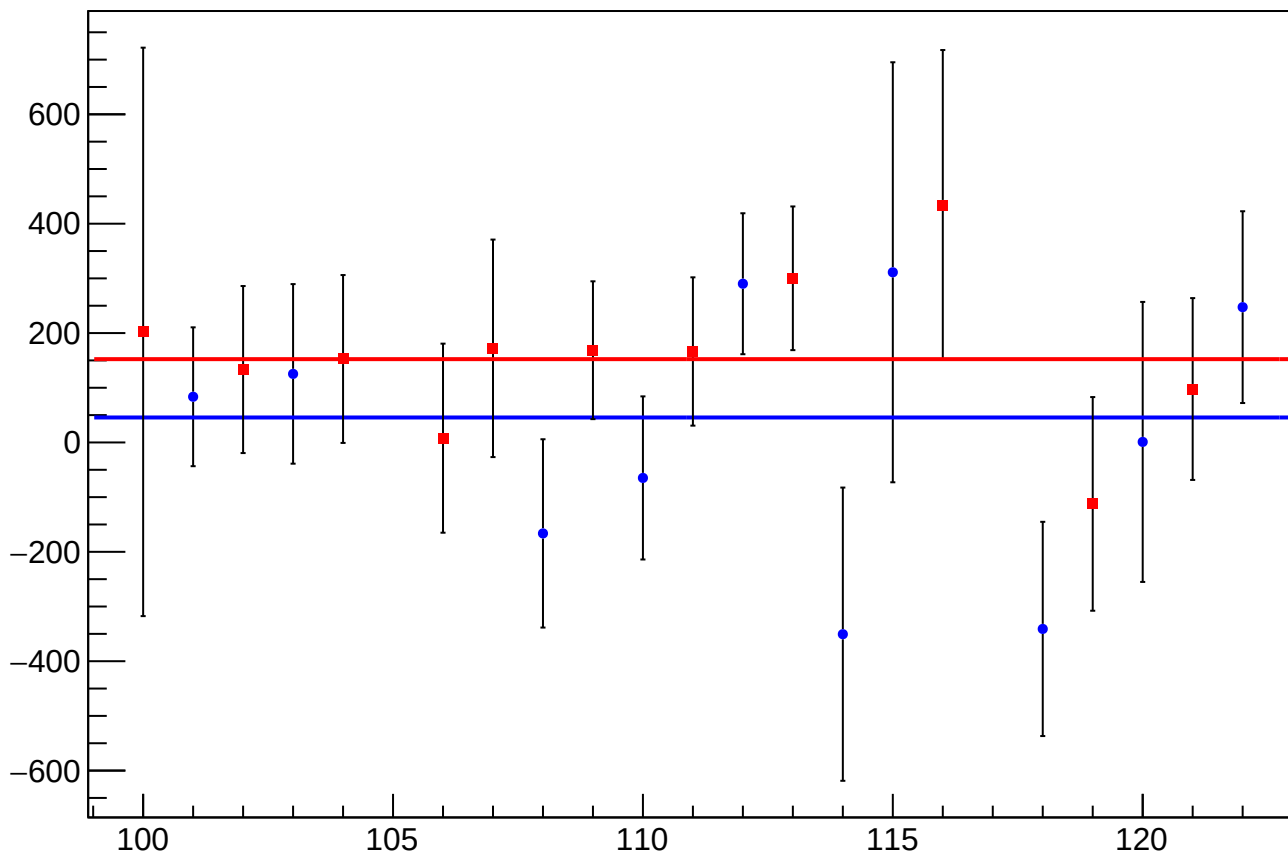
Right: 1055.775+/-0.261 χ^2/NDF : 730259.5/20

In: 1089.208+/-0.389 χ^2/NDF :342026.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1055.775+/-0.261 χ^2/NDF : 730259.5/20

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: 152.320+/-50.127 χ^2/NDF : 5.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

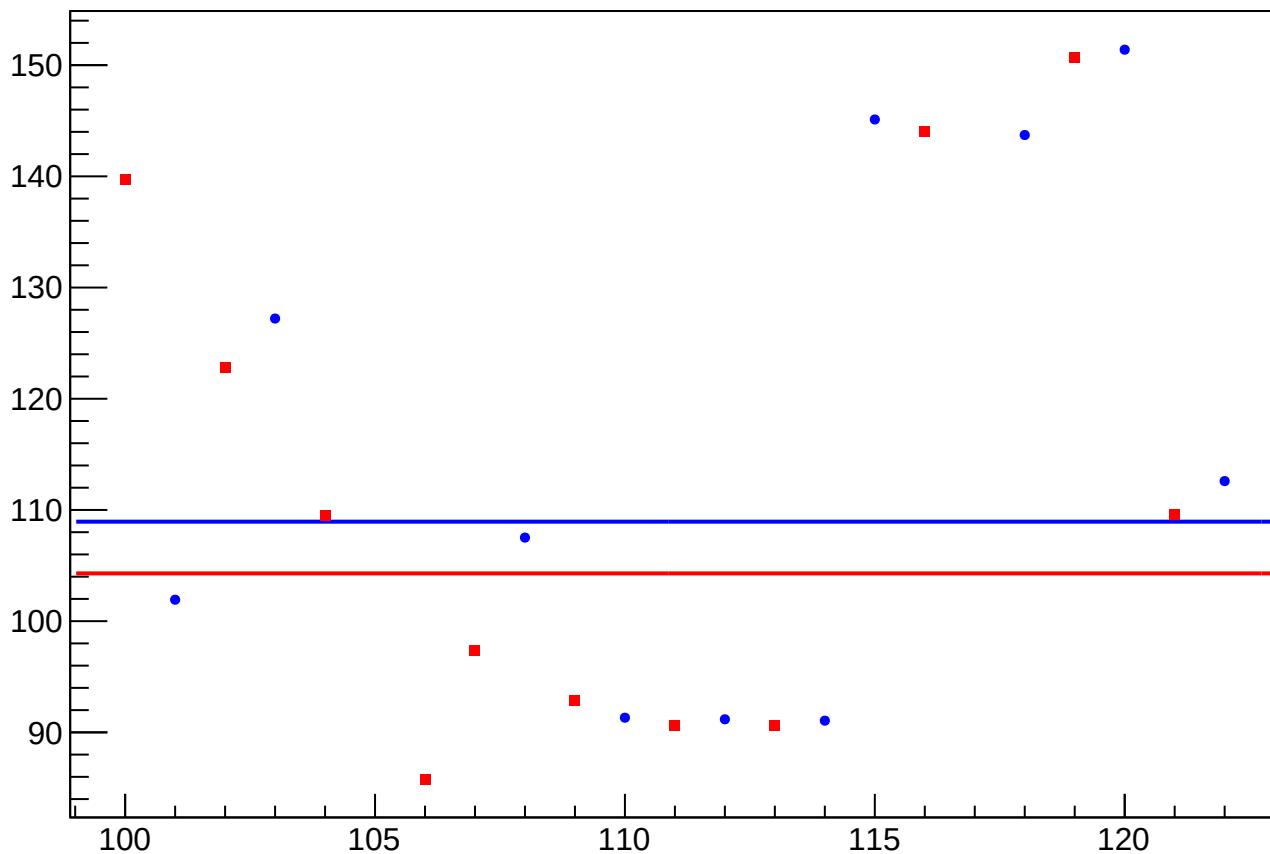
Right: 103.759+/-36.996 χ^2/NDF : 20.9/20

In: 45.657+/-54.831 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.759+/-36.996 χ^2/NDF : 20.9/20

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.947+/-0.039 χ^2/NDF : 242514.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.295+/-0.035 χ^2/NDF : 279200.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

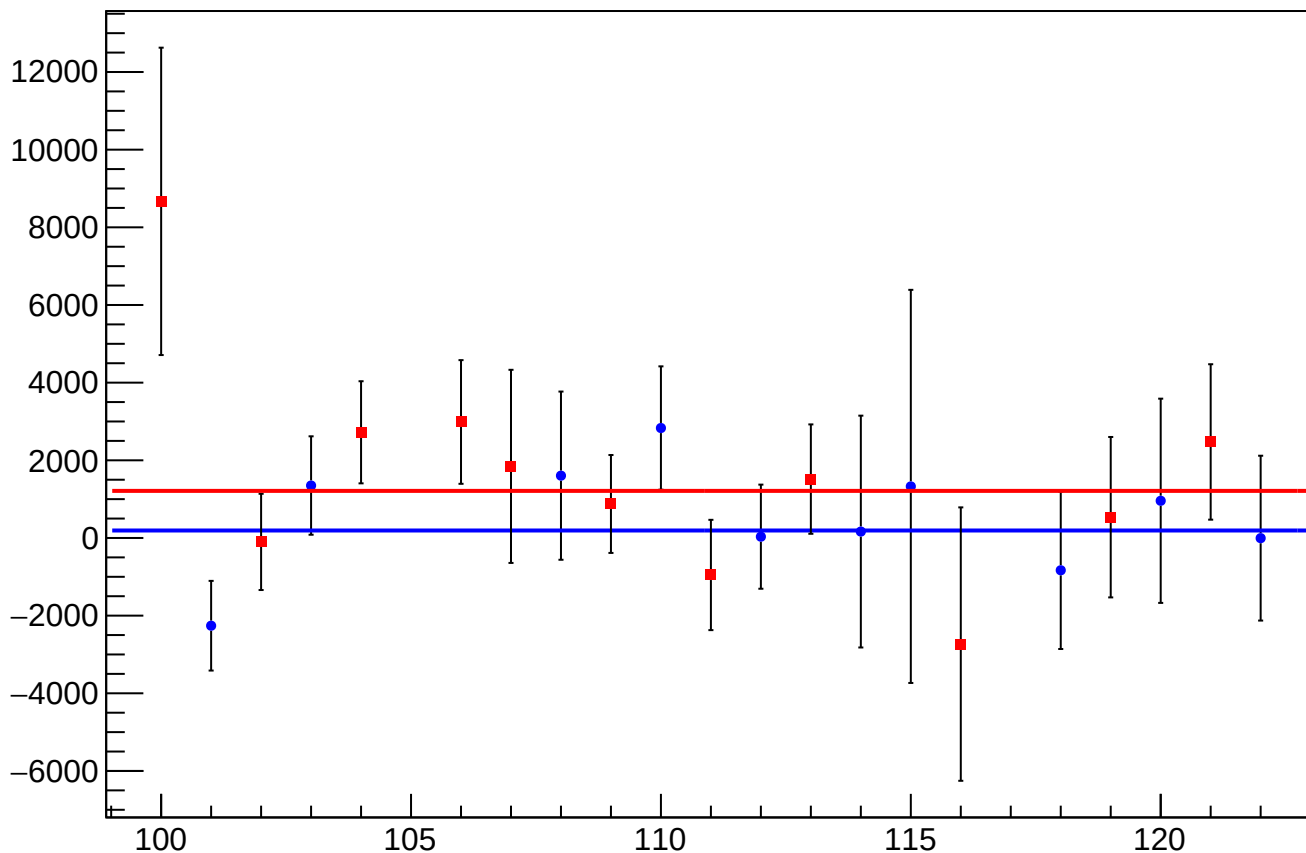
Right: 106.413+/-0.026 χ^2/NDF : 529554.2/20

In: 108.947+/-0.039 χ^2/NDF : 242514.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.413+/-0.026 χ^2/NDF : 529554.2/20

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: 1212.631+/-497.316 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

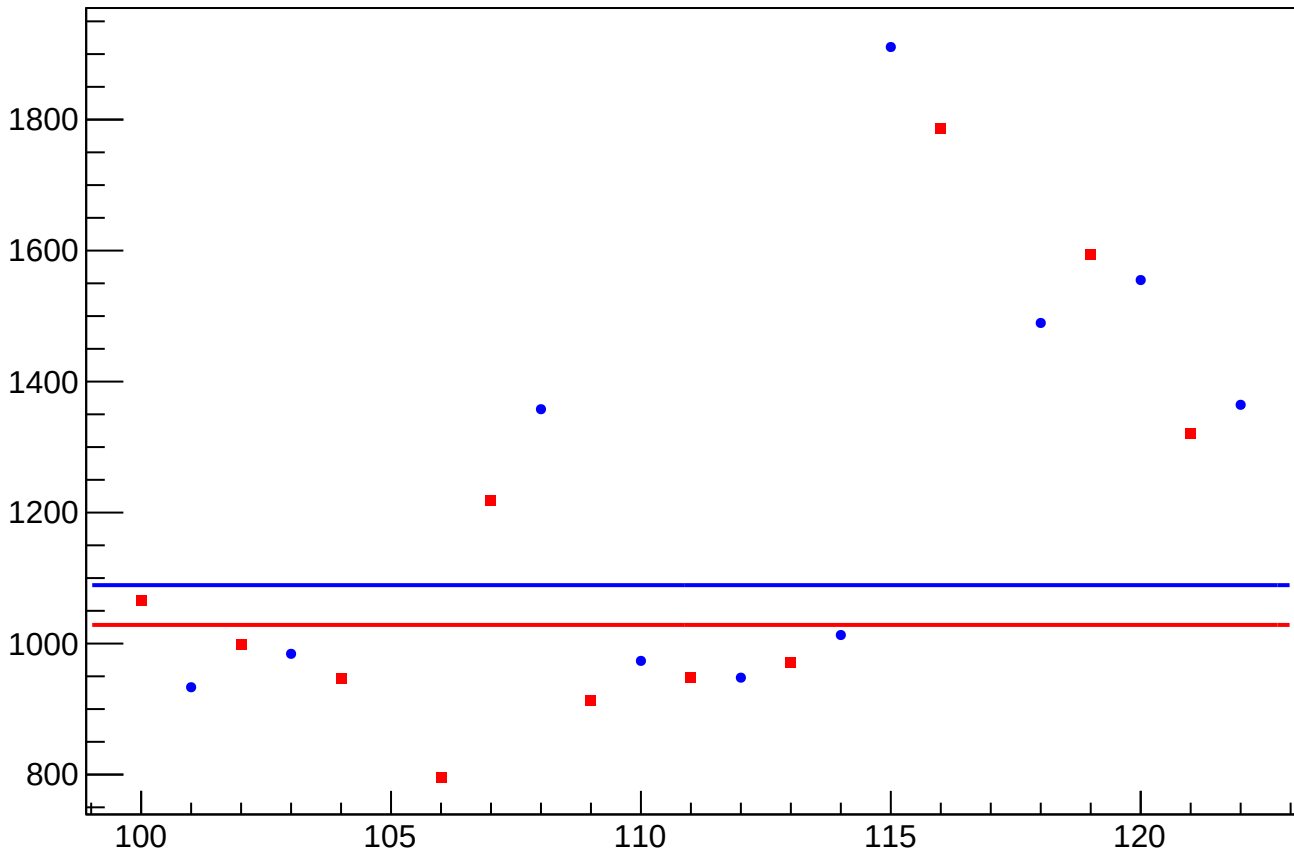
Right: 754.232+/-369.032 χ^2/NDF : 22.3/20

In: 192.530+/-550.508 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 754.232+/-369.032 χ^2/NDF : 22.3/20

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: 1028.490+/-0.352 χ^2/NDF : 374836.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

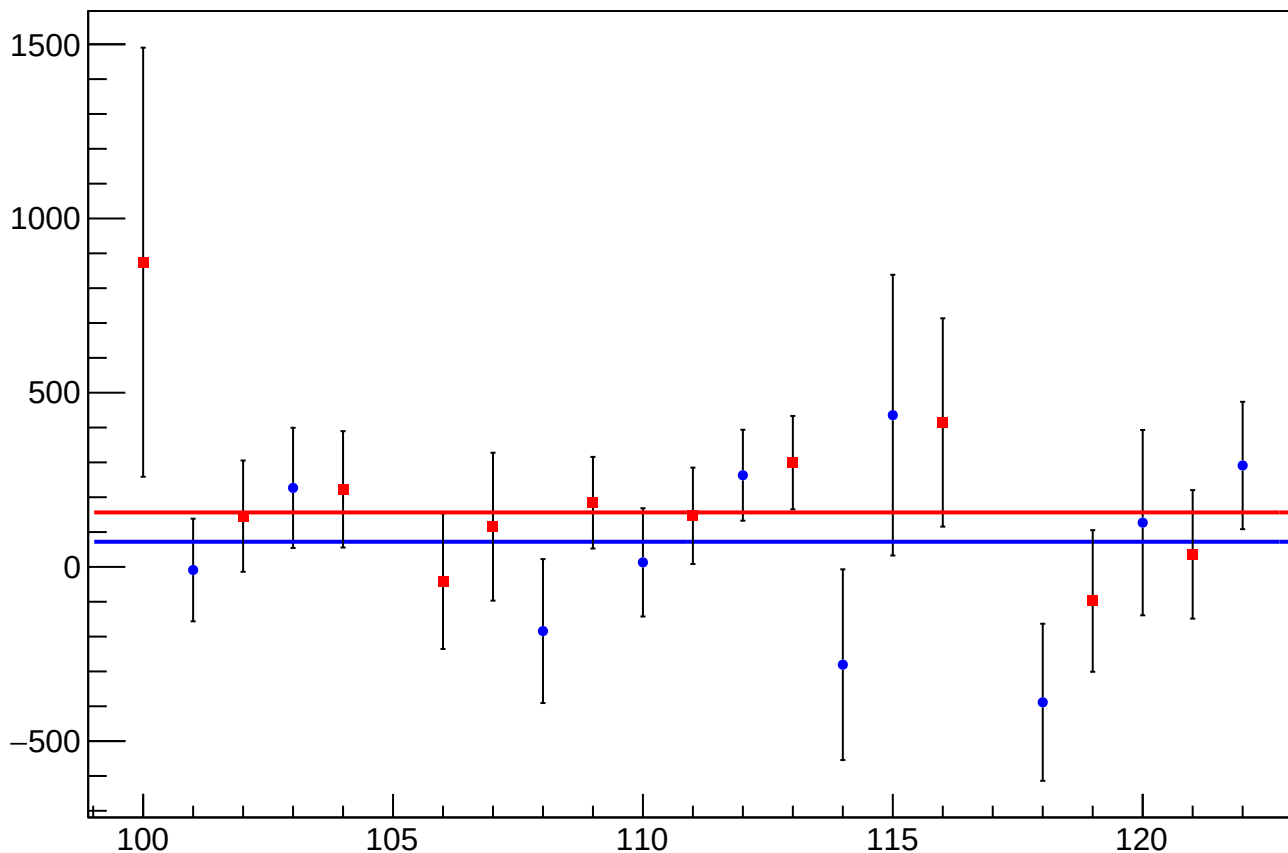
Right: 1055.775+/-0.261 χ^2/NDF : 730259.5/20

In: 1089.208+/-0.389 χ^2/NDF :342026.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1055.775+/-0.261 χ^2/NDF : 730259.5/20

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 72.190+/-59.081 χ^2/NDF : 13.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.365+/-52.935 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

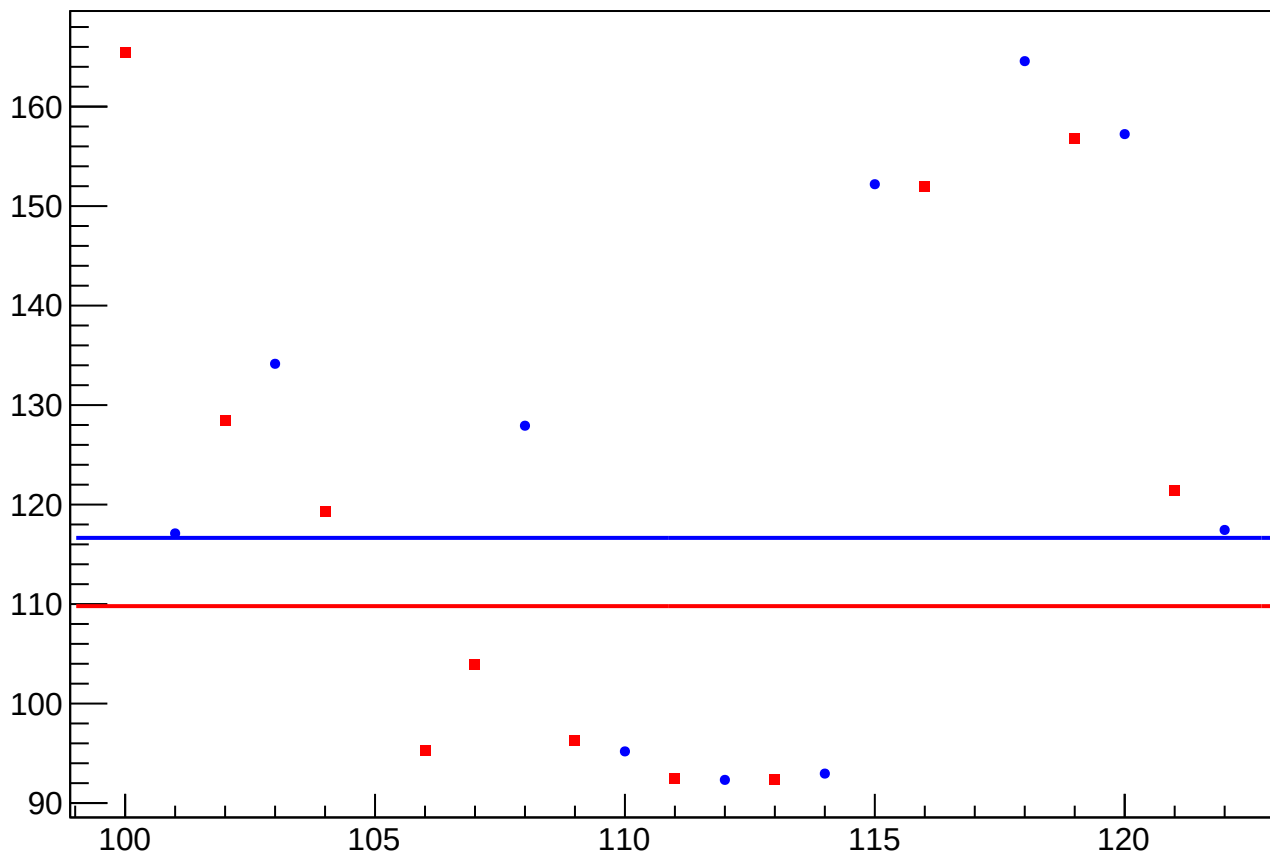
Right: 118.882+/-39.425 χ^2/NDF : 20.7/20

In: 72.190+/-59.081 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.882+/-39.425 χ^2/NDF : 20.7/20

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: 109.793 $\pm$ 0.037 χ^2 /NDF: 303871.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

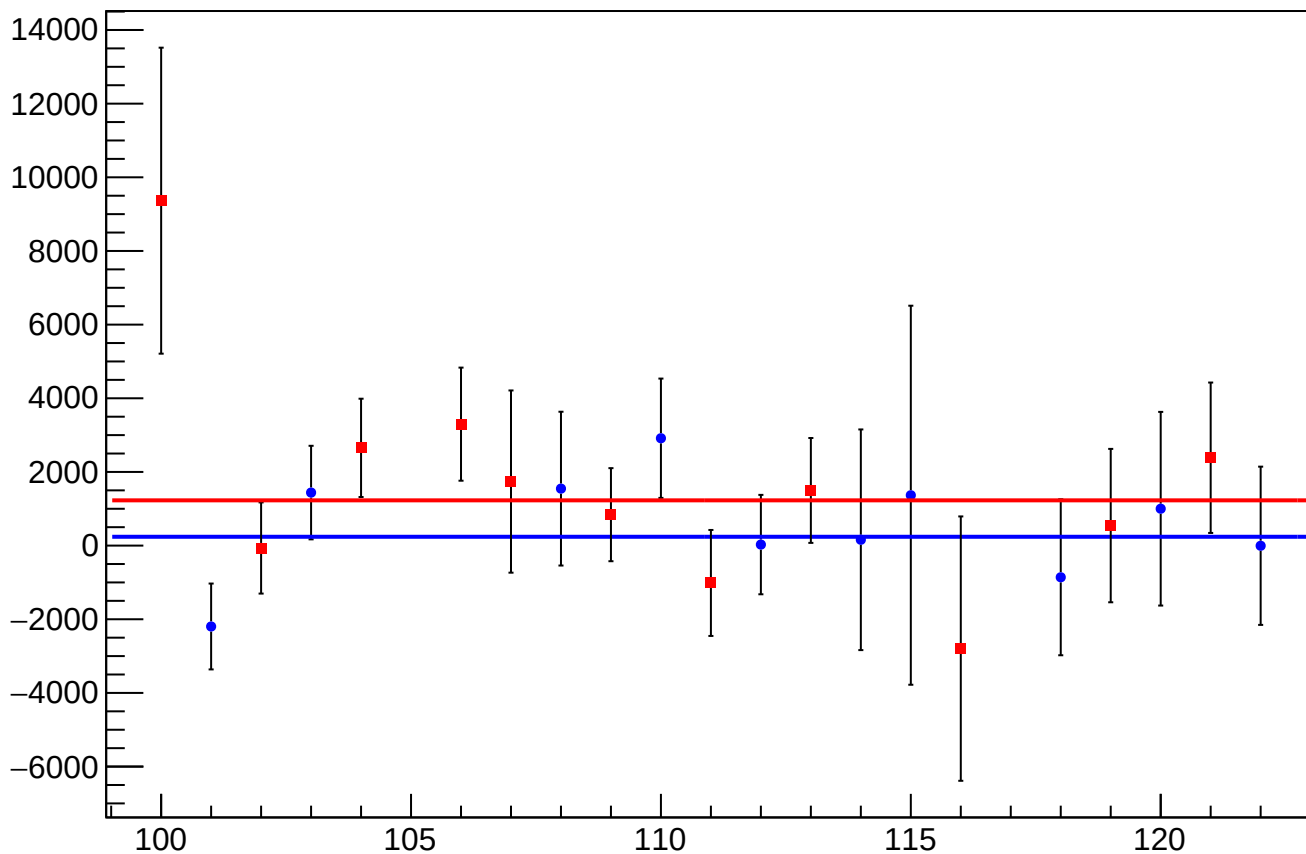
Right: 112.848 $\pm$ 0.028 χ^2 /NDF: 620564.2/20

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: 112.848 $\pm$ 0.028 χ^2 /NDF: 620564.2/20

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.805+/-554.780 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1228.764+/-499.336 χ^2/NDF : 12.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

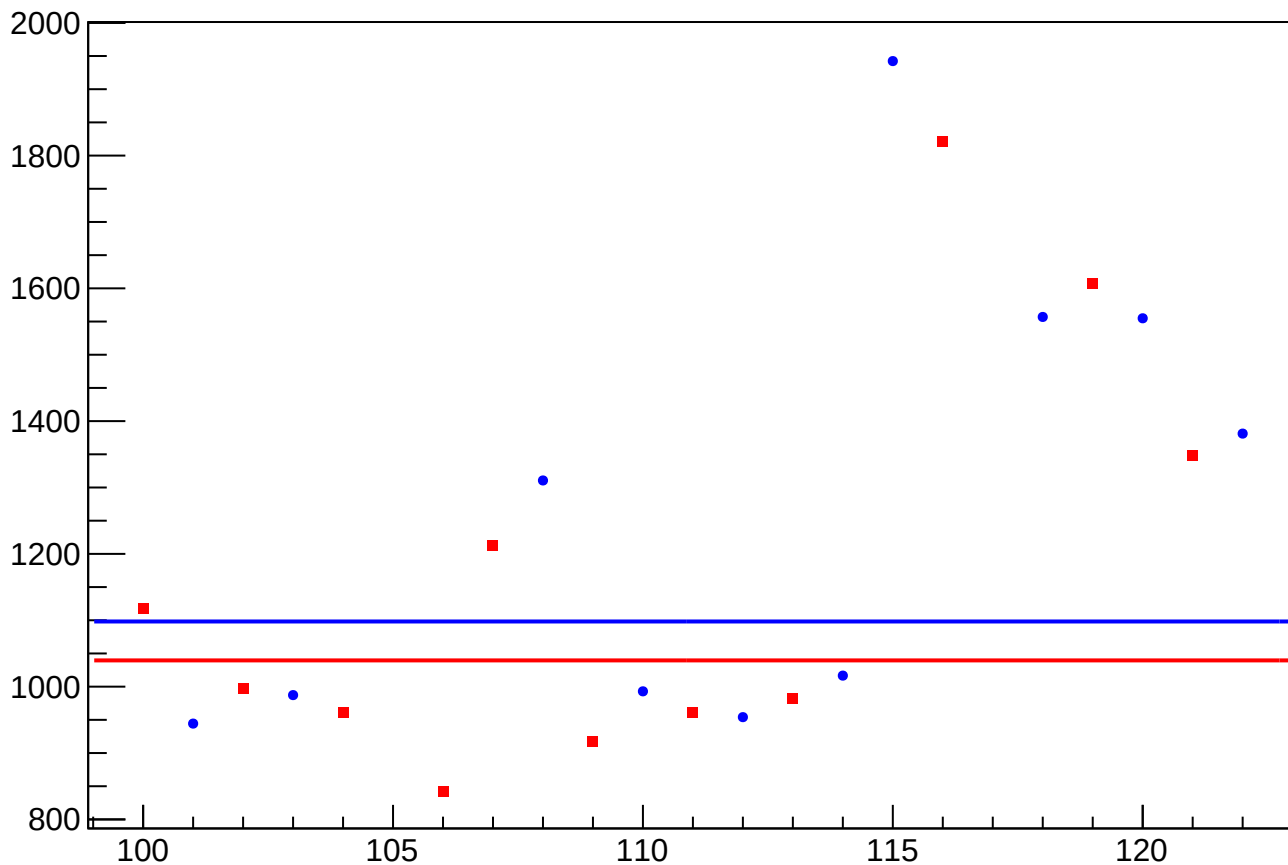
Right: 786.158+/-371.142 χ^2/NDF : 22.8/20

In: 239.805+/-554.780 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.158+/-371.142 χ^2/NDF : 22.8/20

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: 1039.545+/-0.353 χ^2/NDF : 369605.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

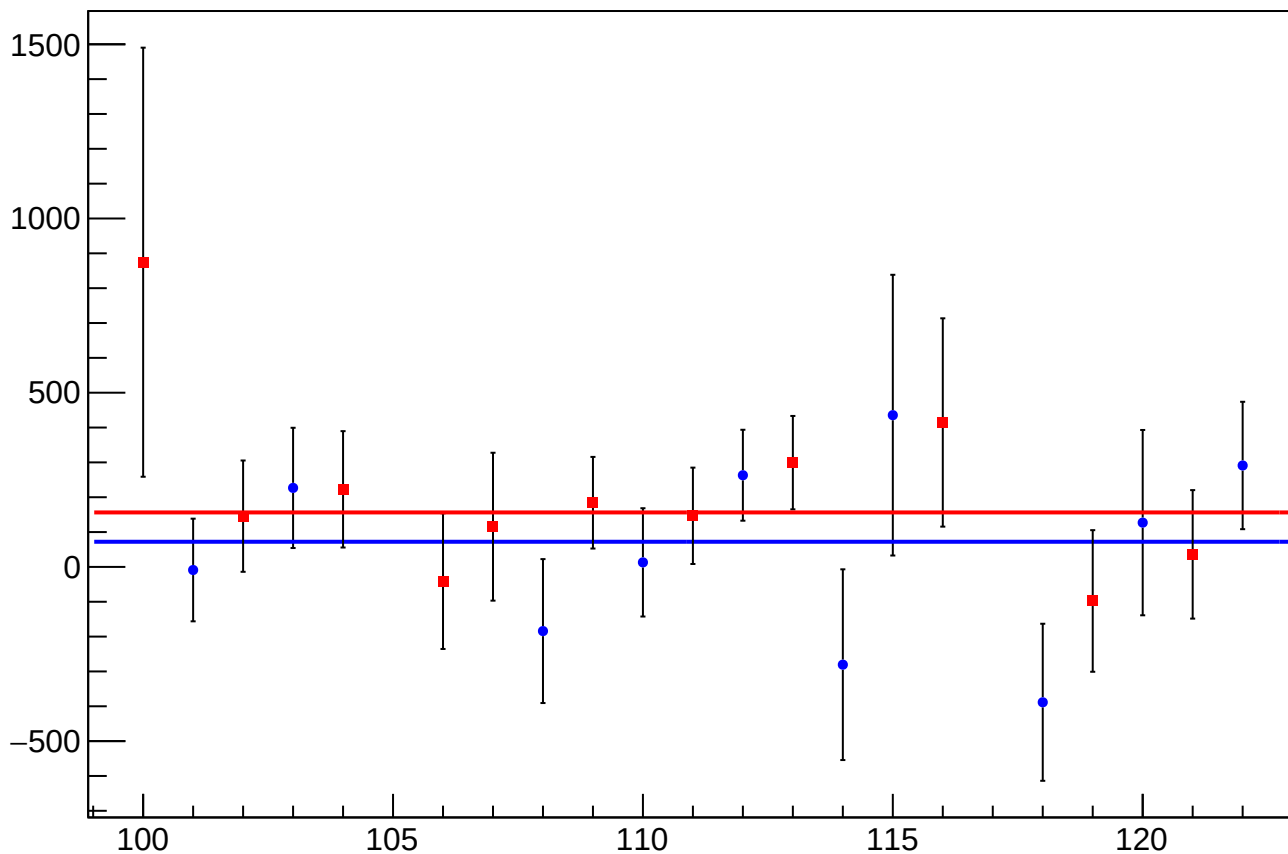
Right: 1065.786+/-0.262 χ^2/NDF : 728203.0/20

In: 1098.179+/-0.392 χ^2/NDF : 346255.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.786+/-0.262 χ^2/NDF : 728203.0/20

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: 156.365+/-52.935 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

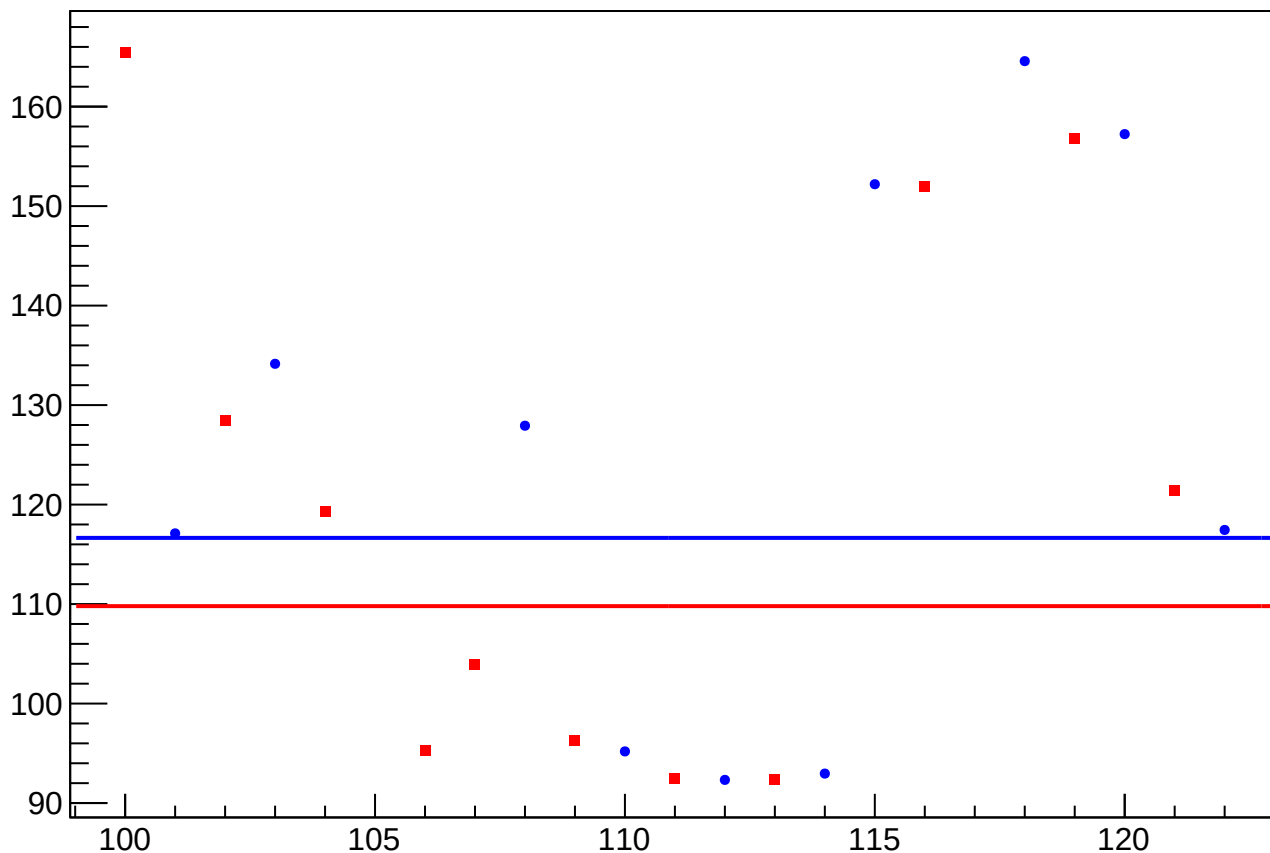
Right: 118.882+/-39.425 χ^2/NDF : 20.7/20

In: 72.189+/-59.081 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.882+/-39.425 χ^2/NDF : 20.7/20

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.653+/-0.042 χ^2/NDF : 301741.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.793+/-0.037 χ^2/NDF : 303872.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

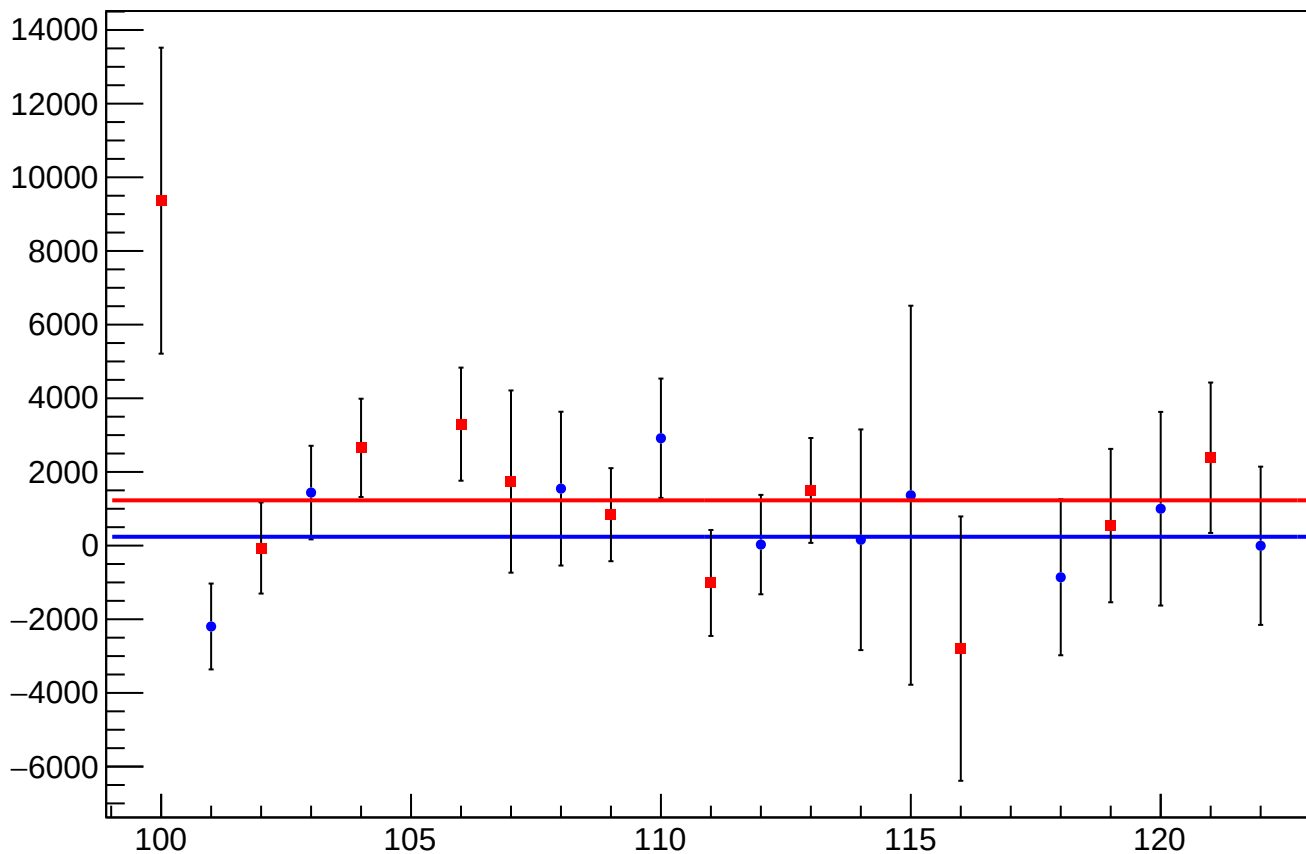
Right: 112.848+/-0.028 χ^2/NDF : 620569.7/20

In: 116.653+/-0.042 χ^2/NDF : 301741.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.848+/-0.028 χ^2/NDF : 620569.7/20

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: 1228.764+/-499.336 χ^2/NDF : 12.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

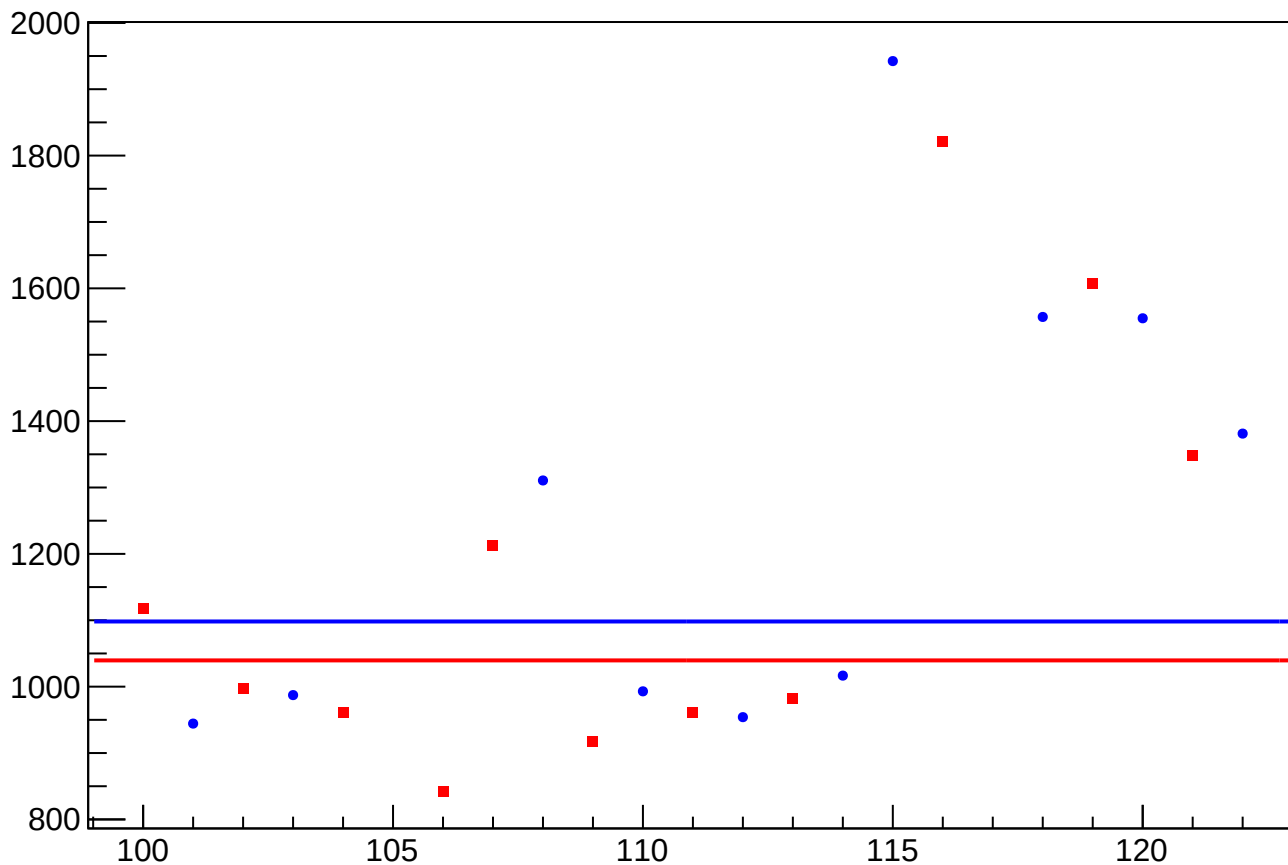
Right: 786.158+/-371.142 χ^2/NDF : 22.8/20

In: 239.806+/-554.781 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.158+/-371.142 χ^2/NDF : 22.8/20

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: 1039.545+/-0.353 χ^2/NDF : 369606.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

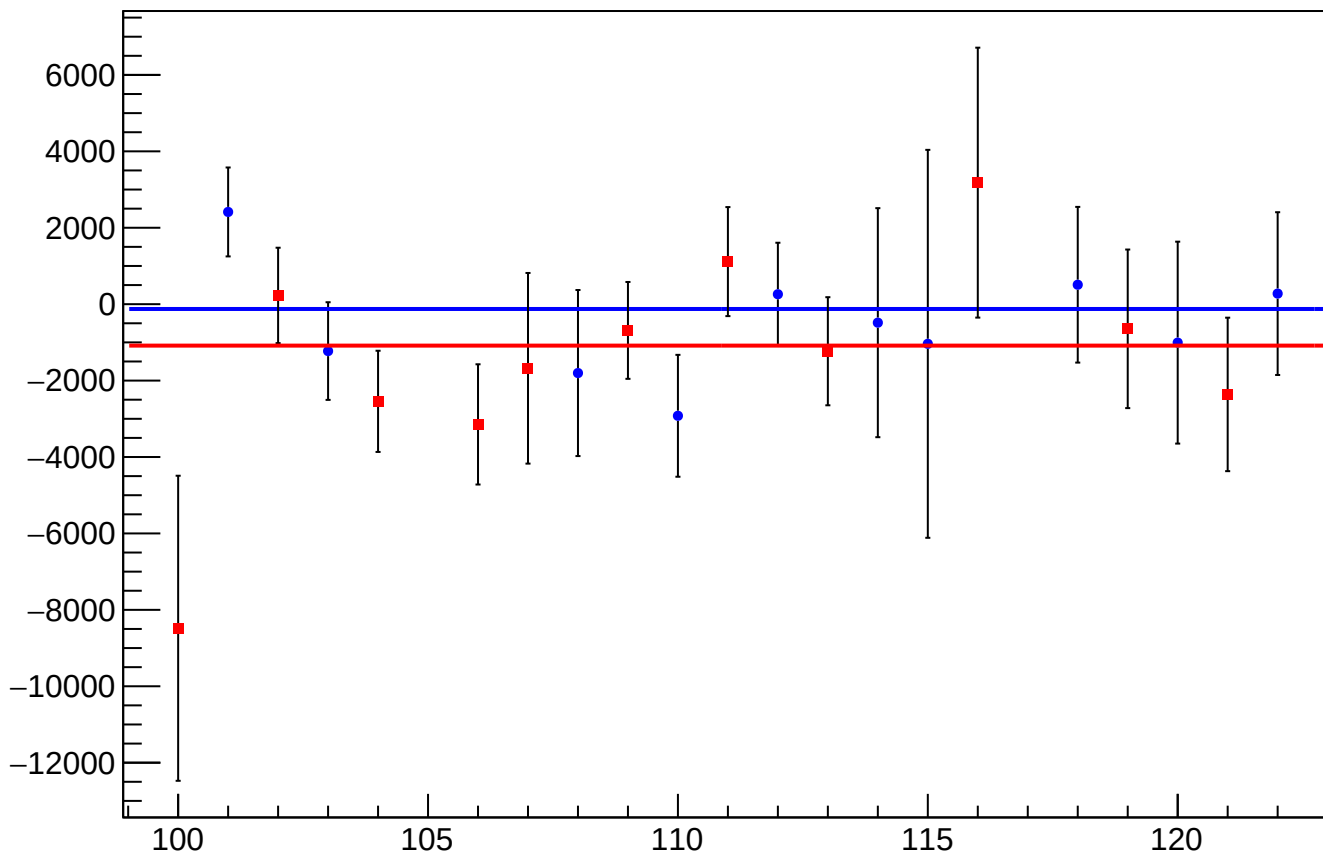
Right: 1065.786+/-0.262 χ^2/NDF : 728204.2/20

In: 1098.179+/-0.392 χ^2/NDF :346256.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1065.786+/-0.262 χ^2/NDF : 728204.2/20

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: -1084.431+/-499.181 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

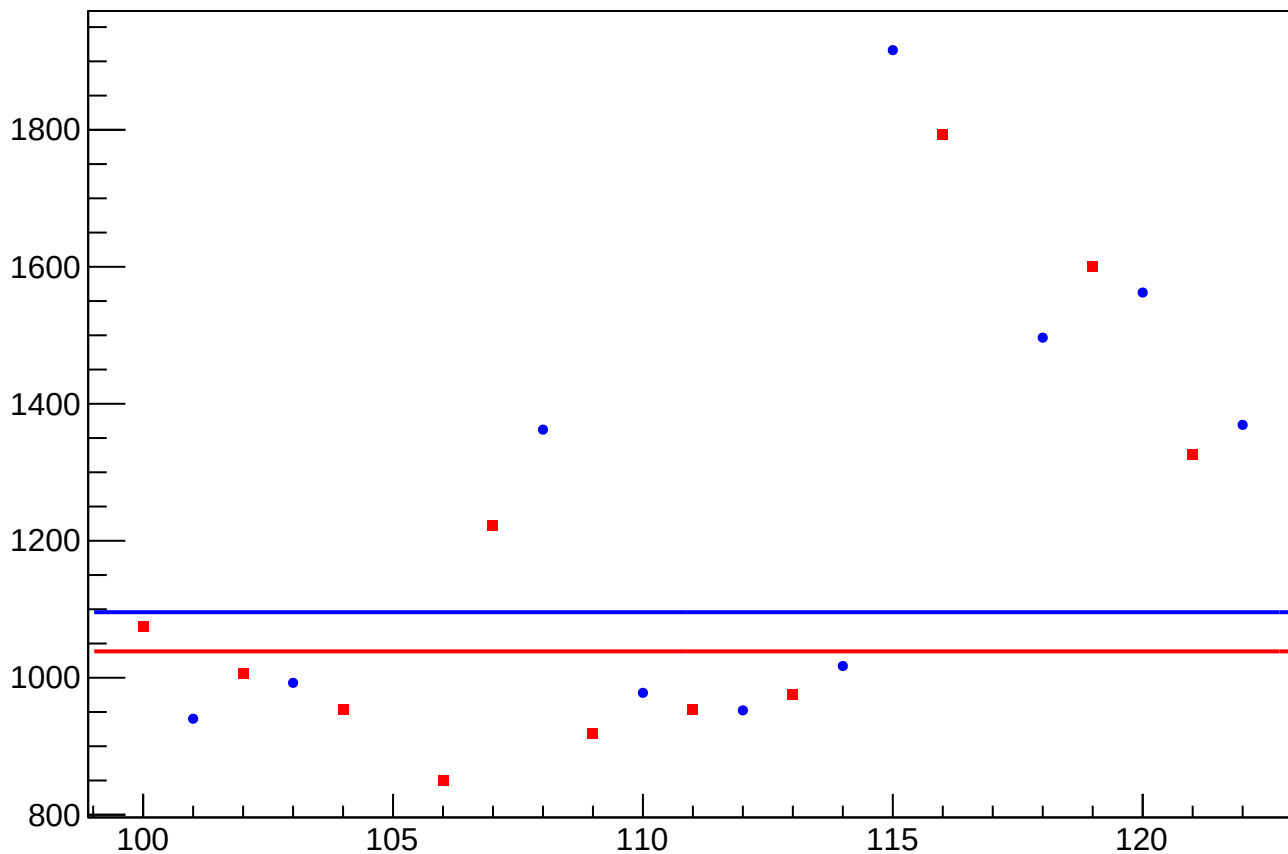
Right: -654.574+/-370.761 χ^2/NDF : 23.1/20

In: -125.657+/-553.720 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -654.574+/-370.761 χ^2/NDF : 23.1/20

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: 1038.543+/-0.353 χ^2/NDF : 357196.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

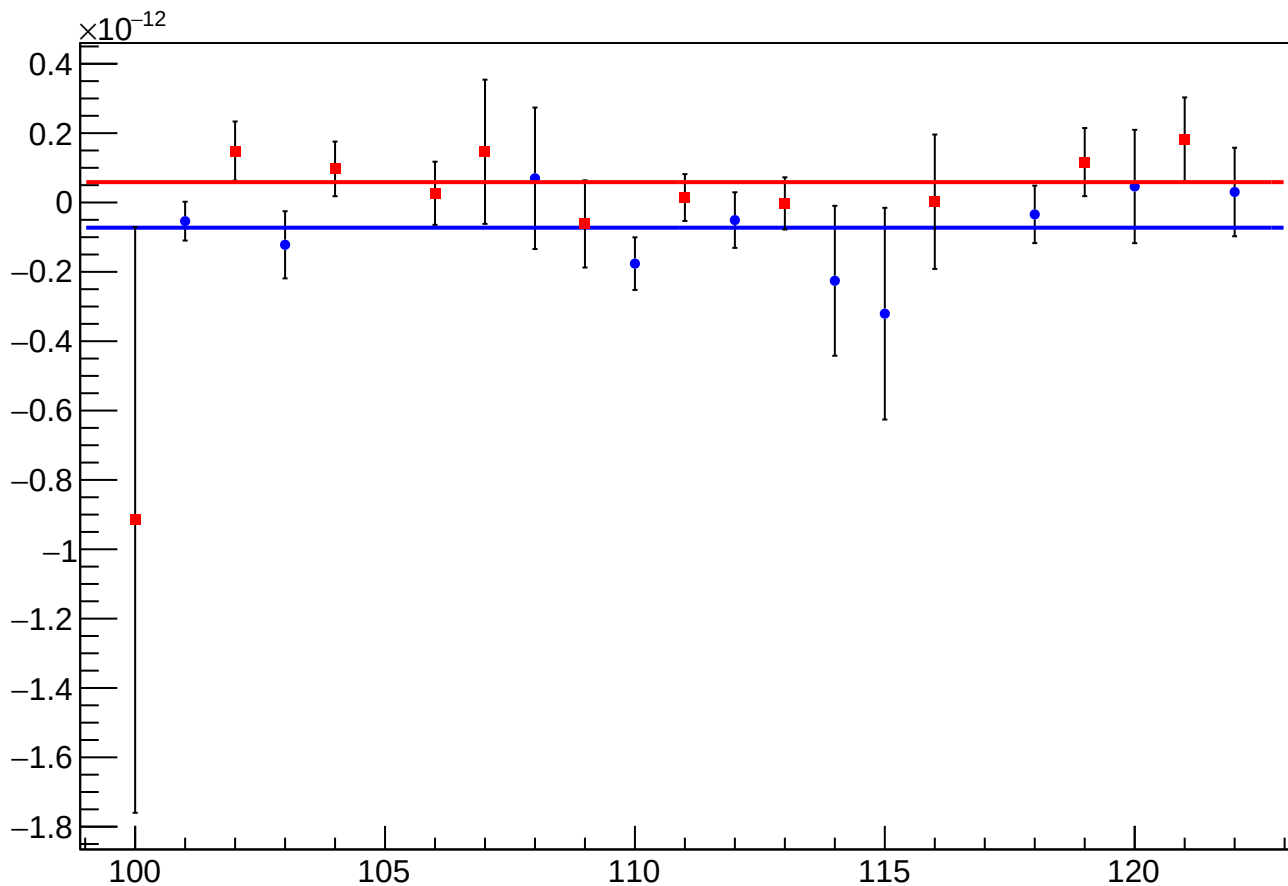
Right: 1064.175+/-0.262 χ^2/NDF : 707792.3/20

In: 1095.715+/-0.392 χ^2/NDF :338833.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1064.175+/-0.262 χ^2/NDF : 707792.3/20

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: 6.5/10

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

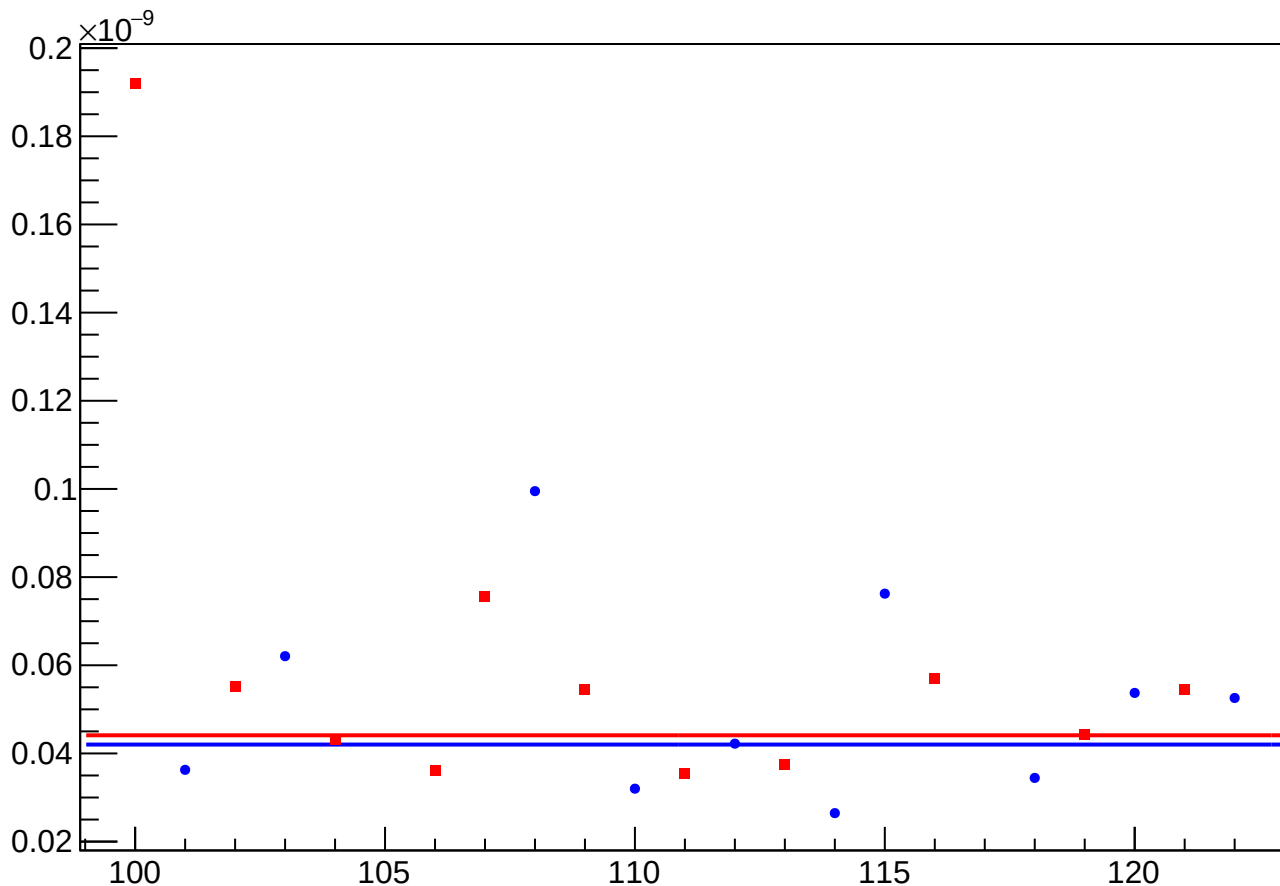
Right: -0.000+/-0.000 χ^2 /NDF: 21.1/20

In: -0.000+/-0.000 χ^2 /NDF: 5.4/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.1/20

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 : 242086.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

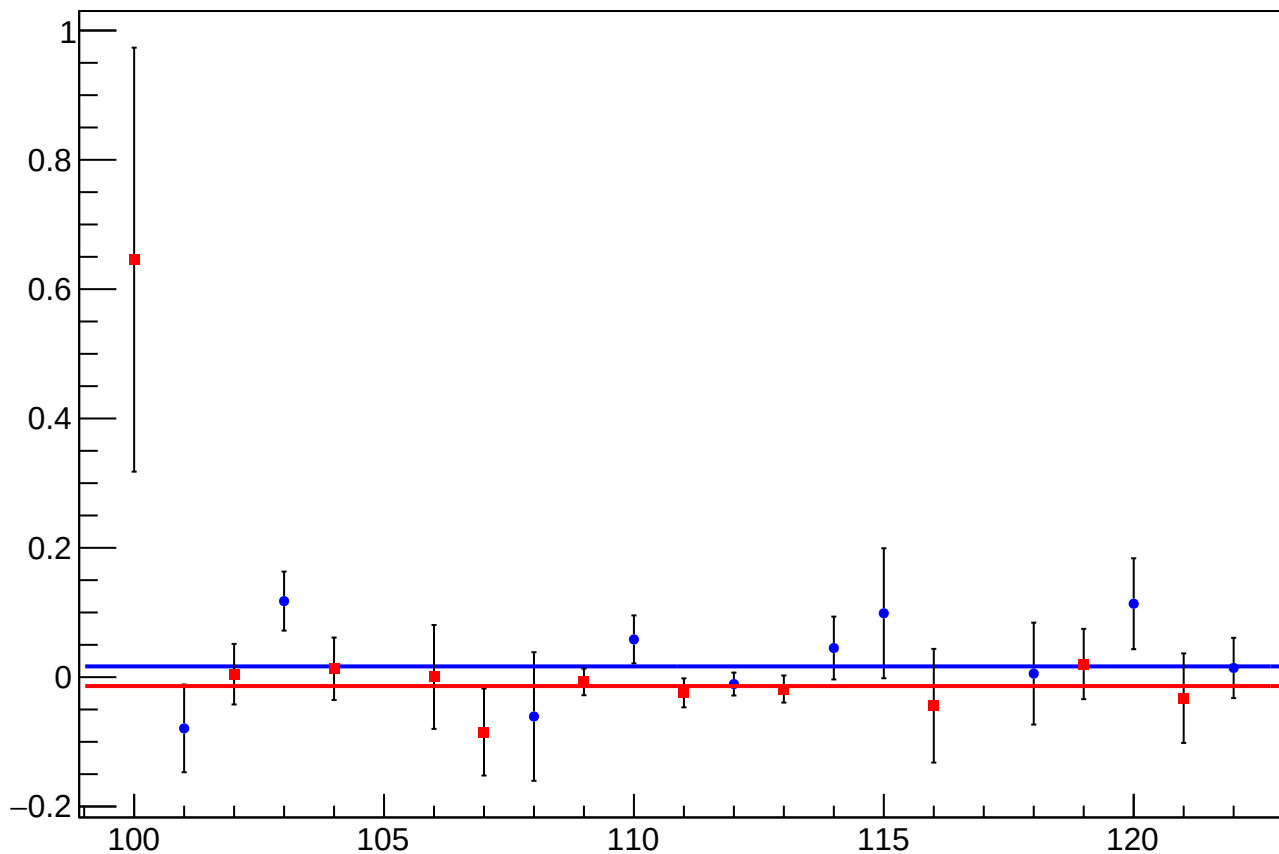
Right: 0.000+/-0.000 χ^2/NDF : 623327.3/20

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 : 623327.3/20

asym_sam_48_dd_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: -0.014 $\pm$ 0.011 χ^2 /NDF: 6.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

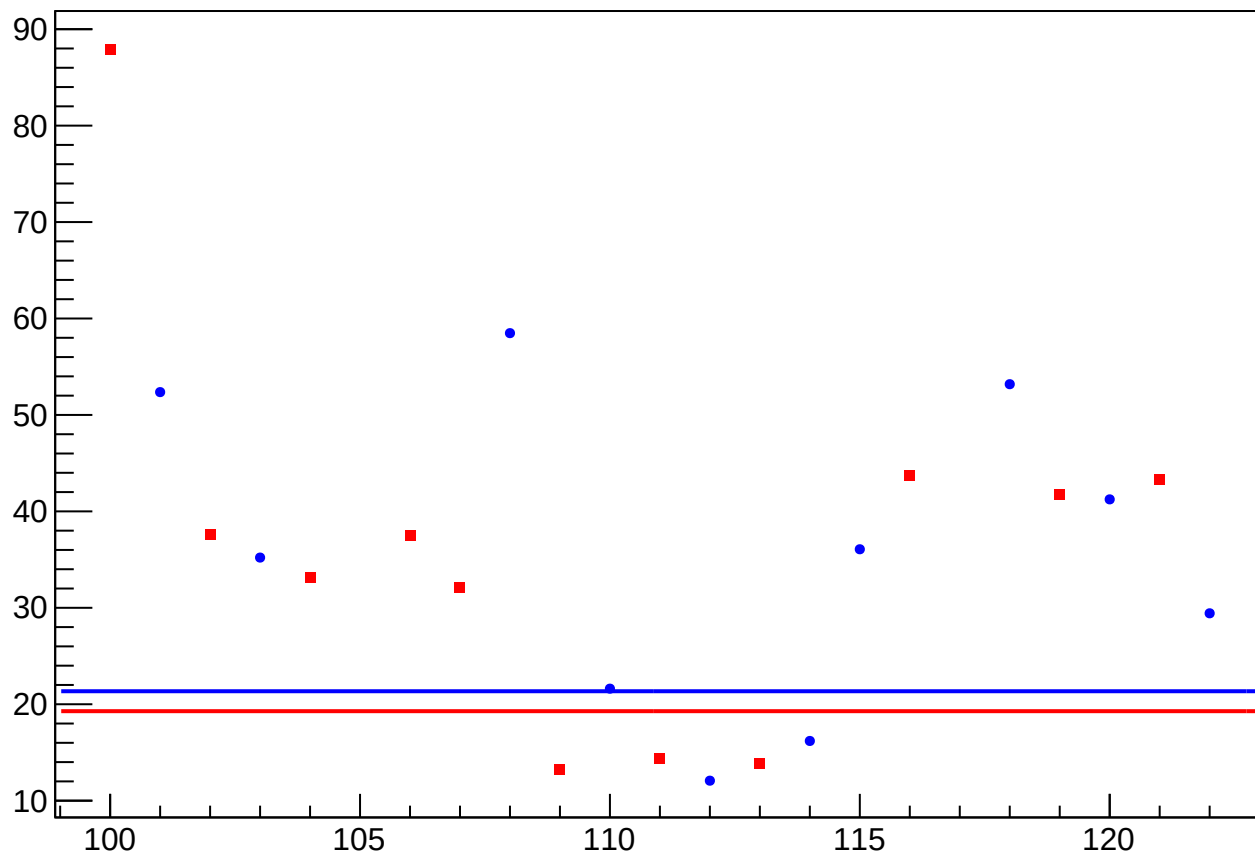
Right: -0.001 $\pm$ 0.008 χ^2 /NDF: 24.0/20

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: -0.001 $\pm$ 0.008 χ^2 /NDF: 24.0/20

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: 19.281+/-0.008 χ^2/NDF : 1873924.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

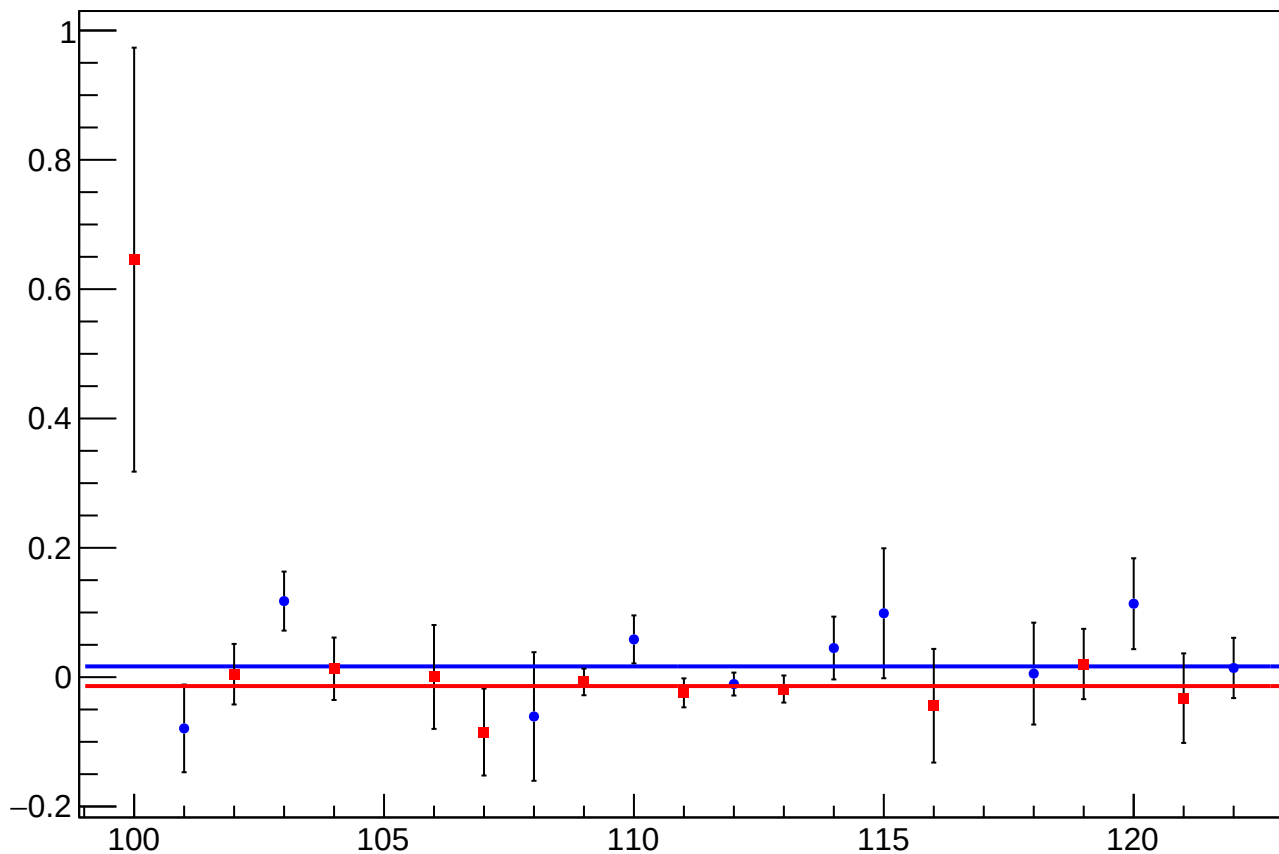
Right: 20.137+/-0.006 χ^2/NDF : 3946295.9/20

In: 21.349+/-0.009 χ^2/NDF :2042027.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.137+/-0.006 χ^2/NDF : 3946295.9/20

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.011 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

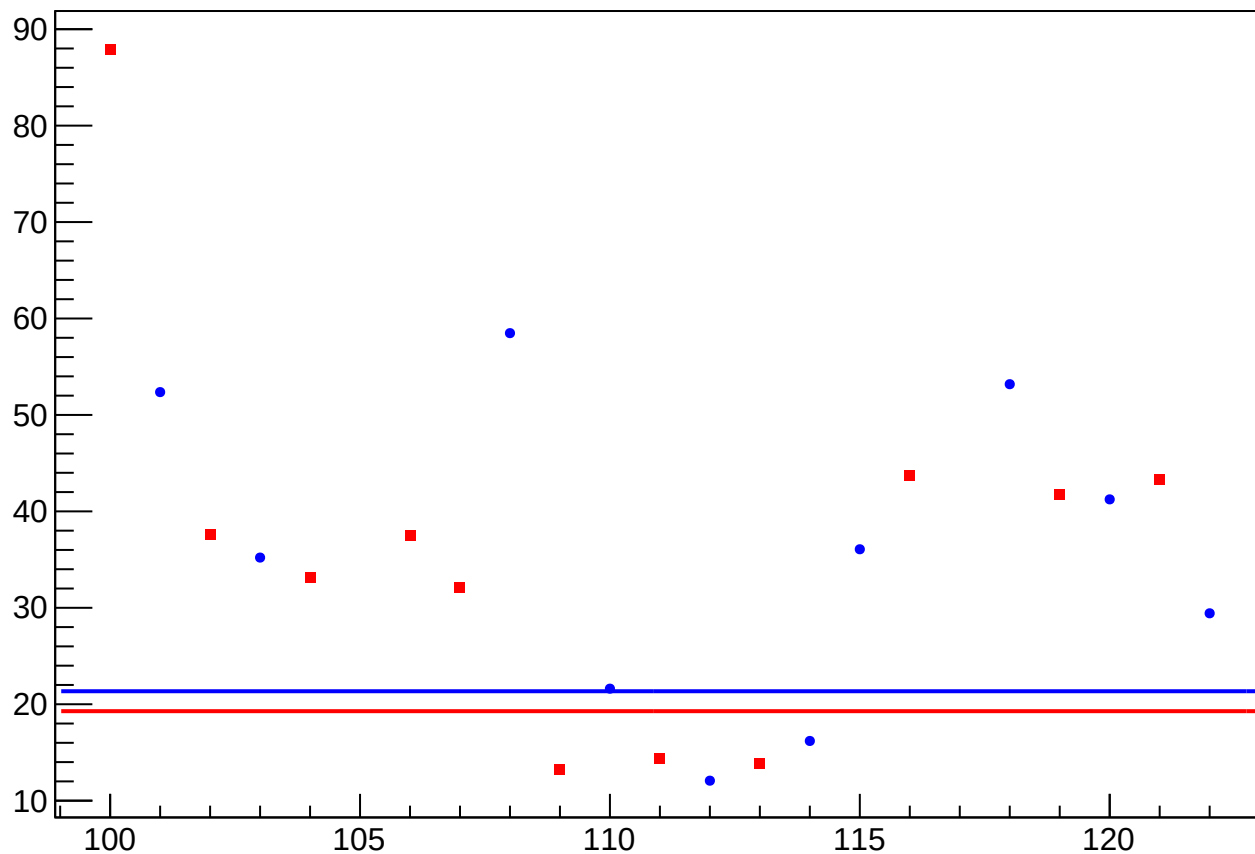
Right: -0.001+/-0.008 χ^2/NDF : 24.0/20

In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.008 χ^2/NDF : 24.0/20

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: 19.281+/-0.008 χ^2/NDF : 1873924.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

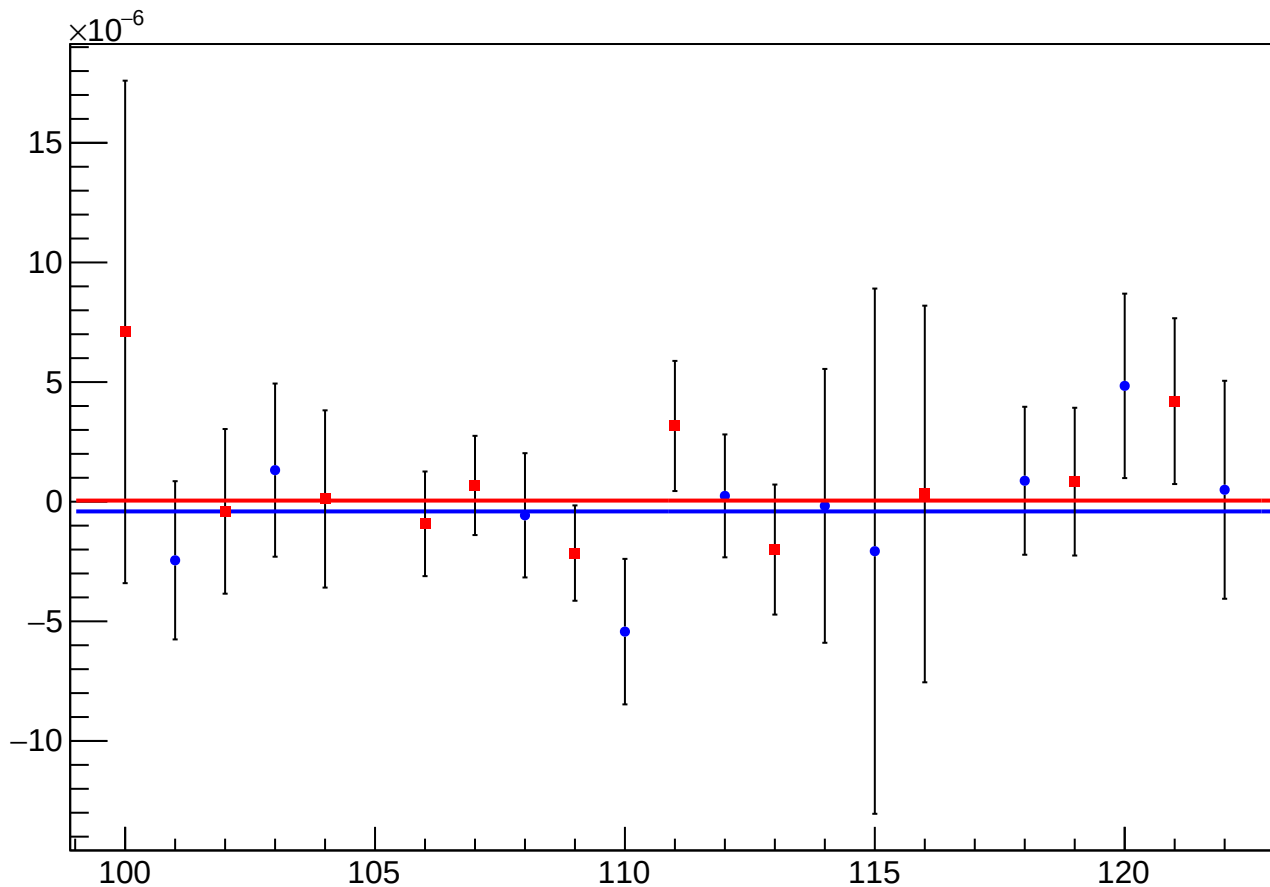
Right: 20.137+/-0.006 χ^2/NDF : 3946295.9/20

In: 21.349+/-0.009 χ^2/NDF :2042027.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.137+/-0.006 χ^2/NDF : 3946295.9/20

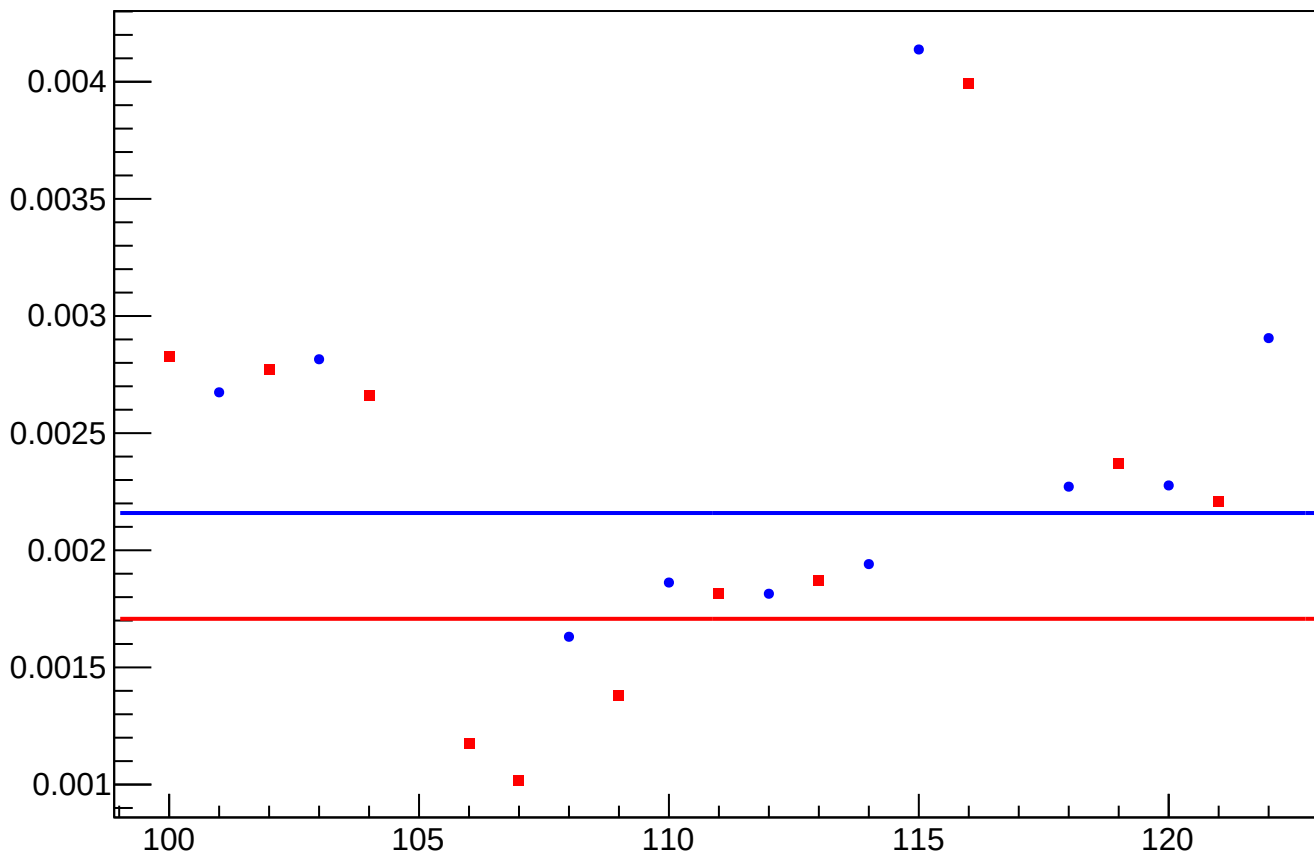
asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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: 5.4/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 11.0/20
 In: -0.000+/-0.000 χ^2 /NDF:5.5/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 11.0/20

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 : 1053718.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

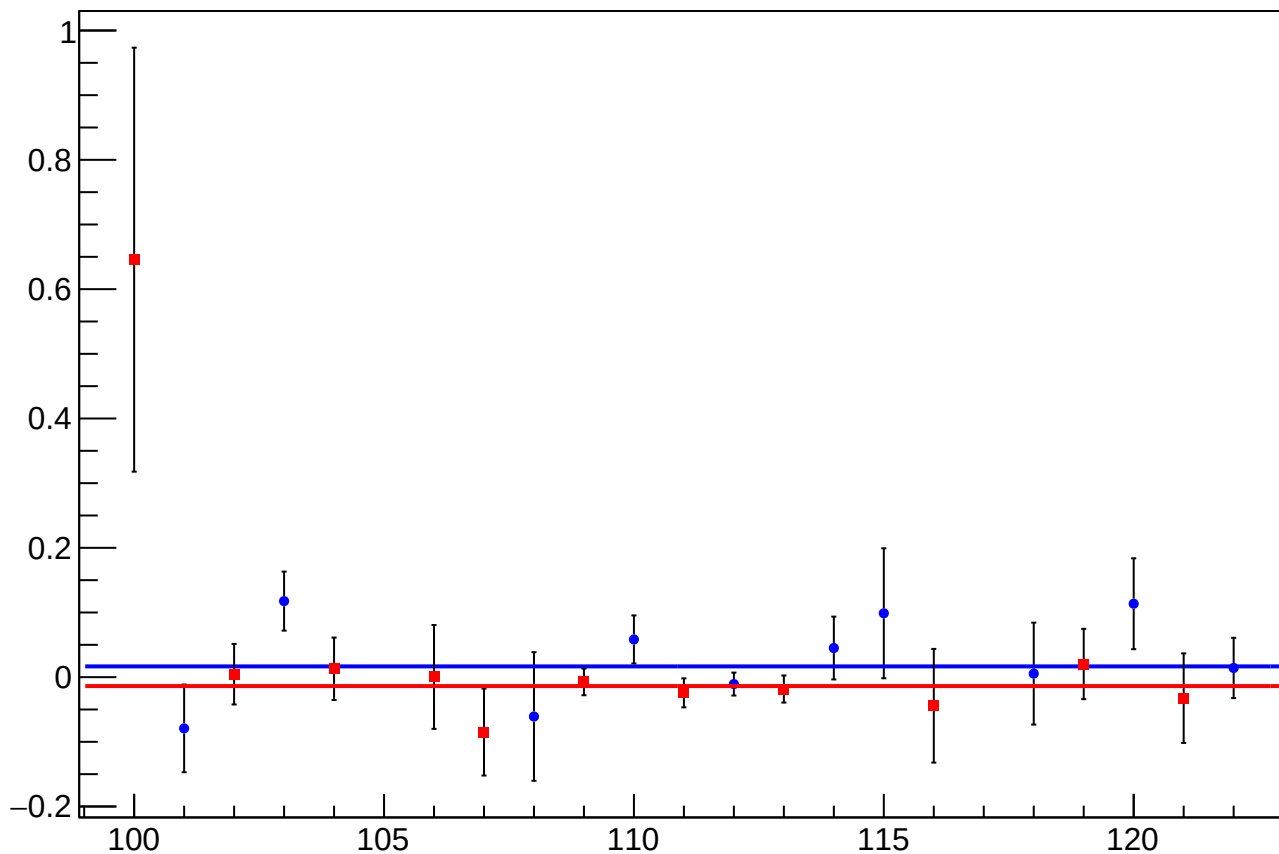
Right: 0.002+/-0.000 χ^2/NDF : 1641469.0/20

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 : 1641469.0/20

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.011 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

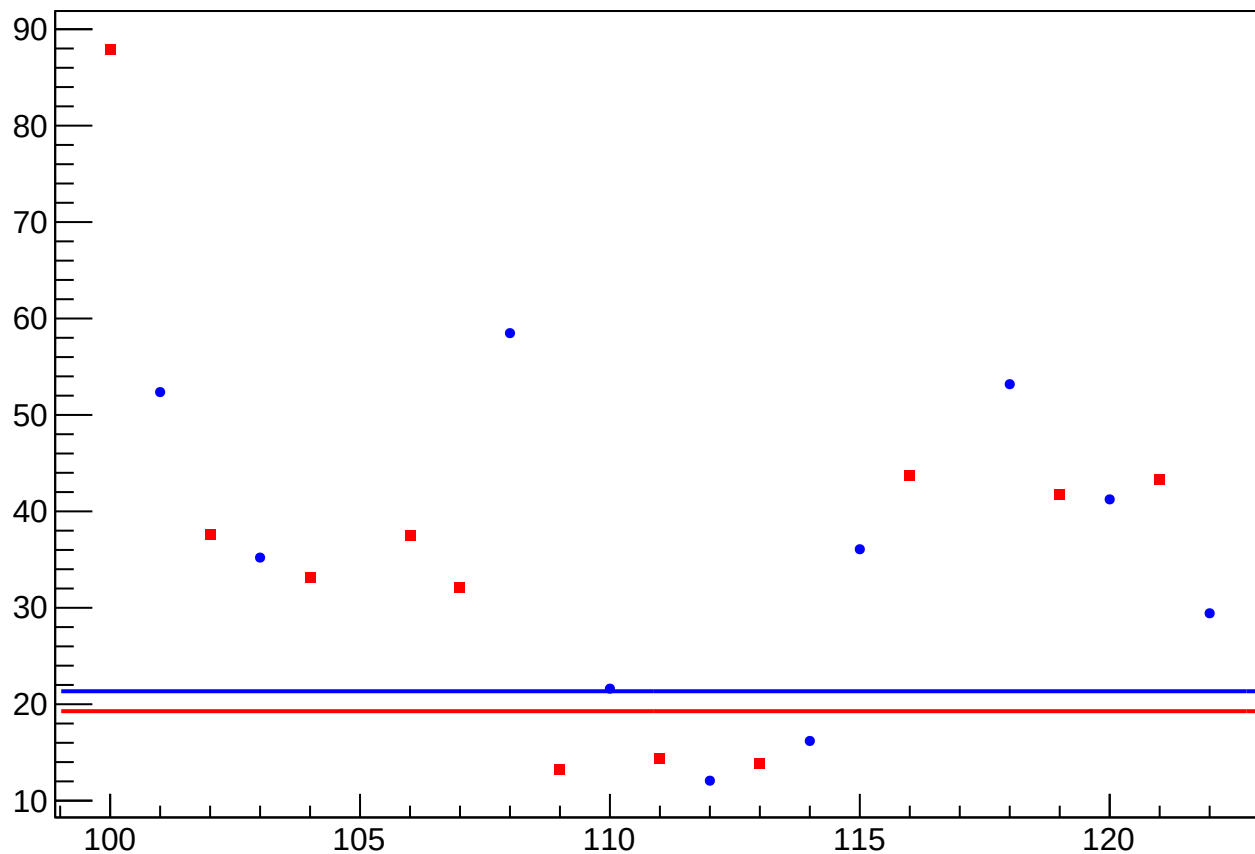
Right: -0.001+/-0.008 χ^2/NDF : 24.0/20

In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.008 χ^2/NDF : 24.0/20

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: 19.281+/-0.008 χ^2/NDF : 1873924.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

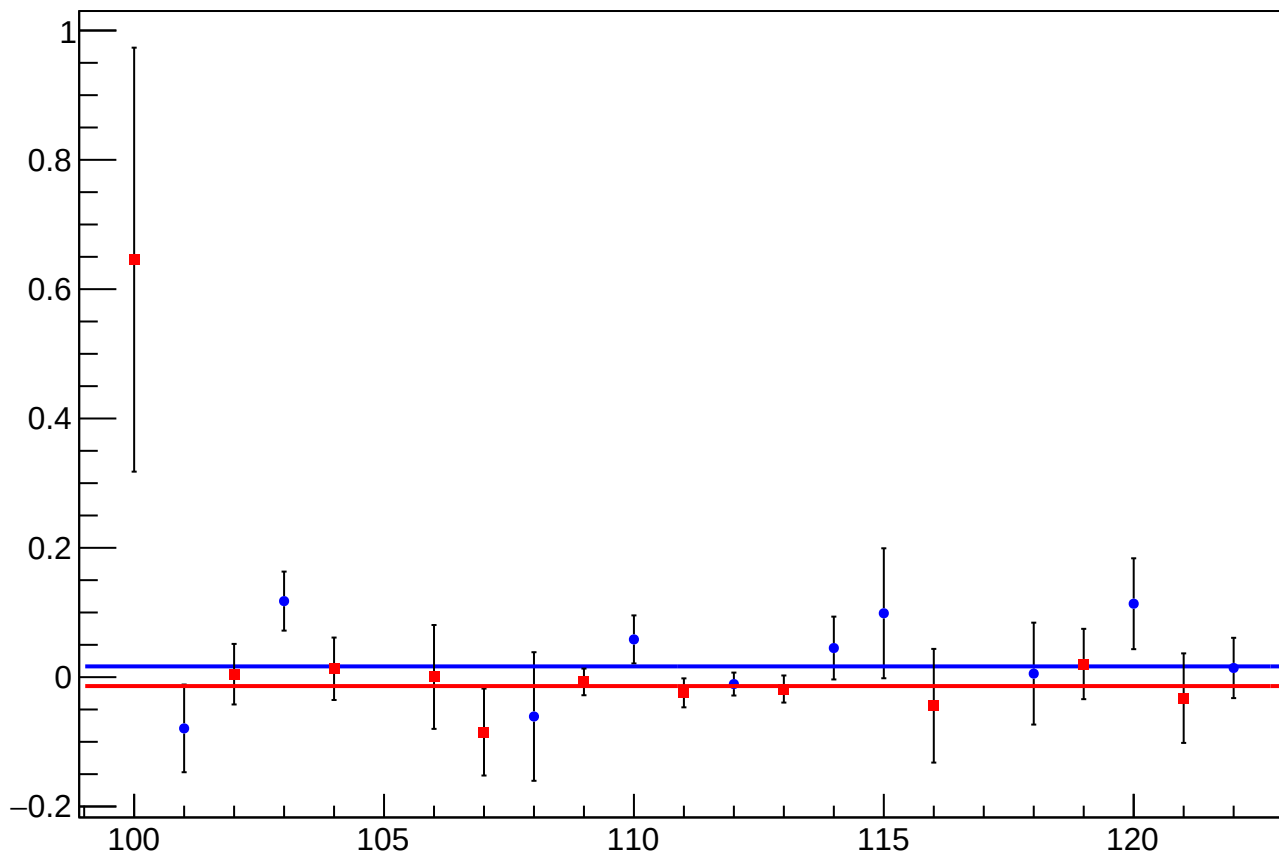
Right: 20.136+/-0.006 χ^2/NDF : 3946489.1/20

In: 21.347+/-0.009 χ^2/NDF :2042253.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.136+/-0.006 χ^2/NDF : 3946489.1/20

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: -0.014+/-0.011 χ^2/NDF : 6.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

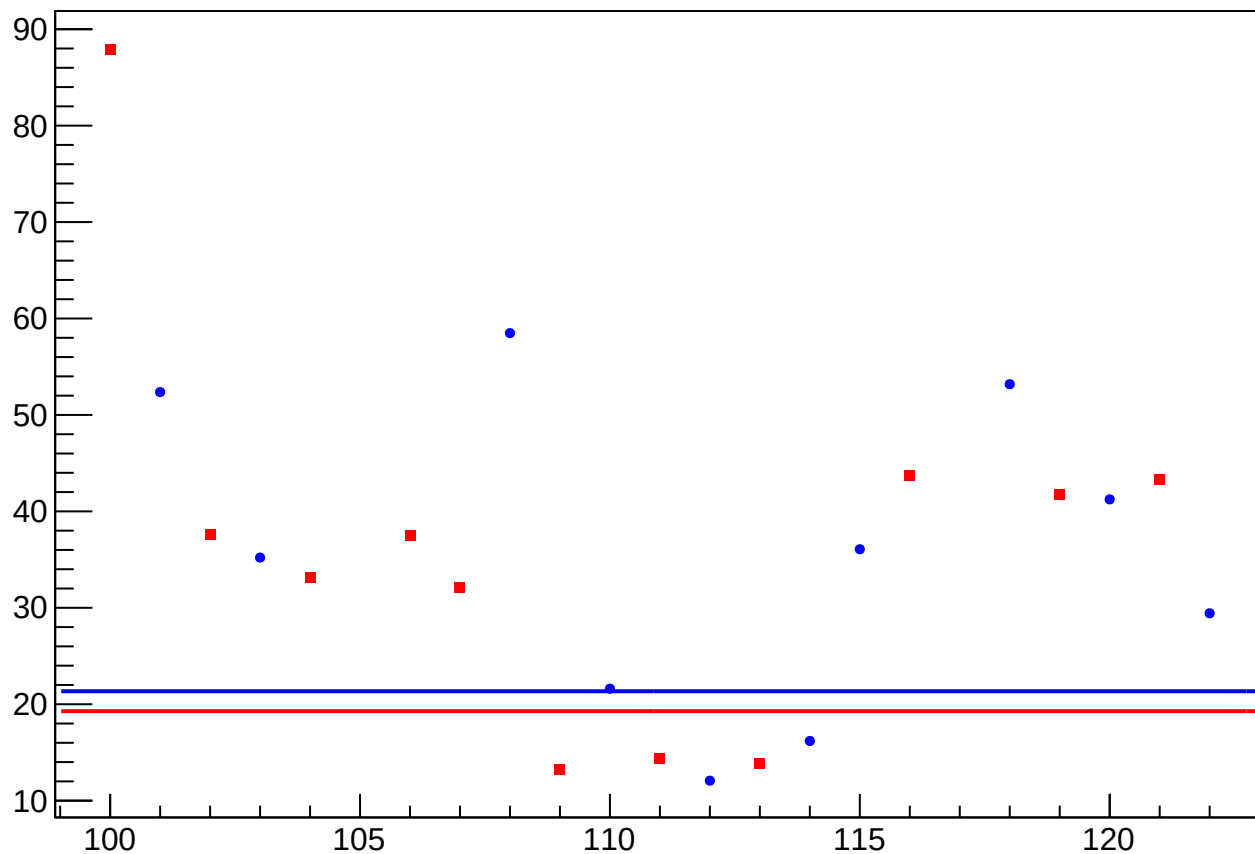
Right: -0.001+/-0.008 χ^2/NDF : 24.0/20

In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.008 χ^2/NDF : 24.0/20

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: 19.281+/-0.008 χ^2/NDF : 1873924.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

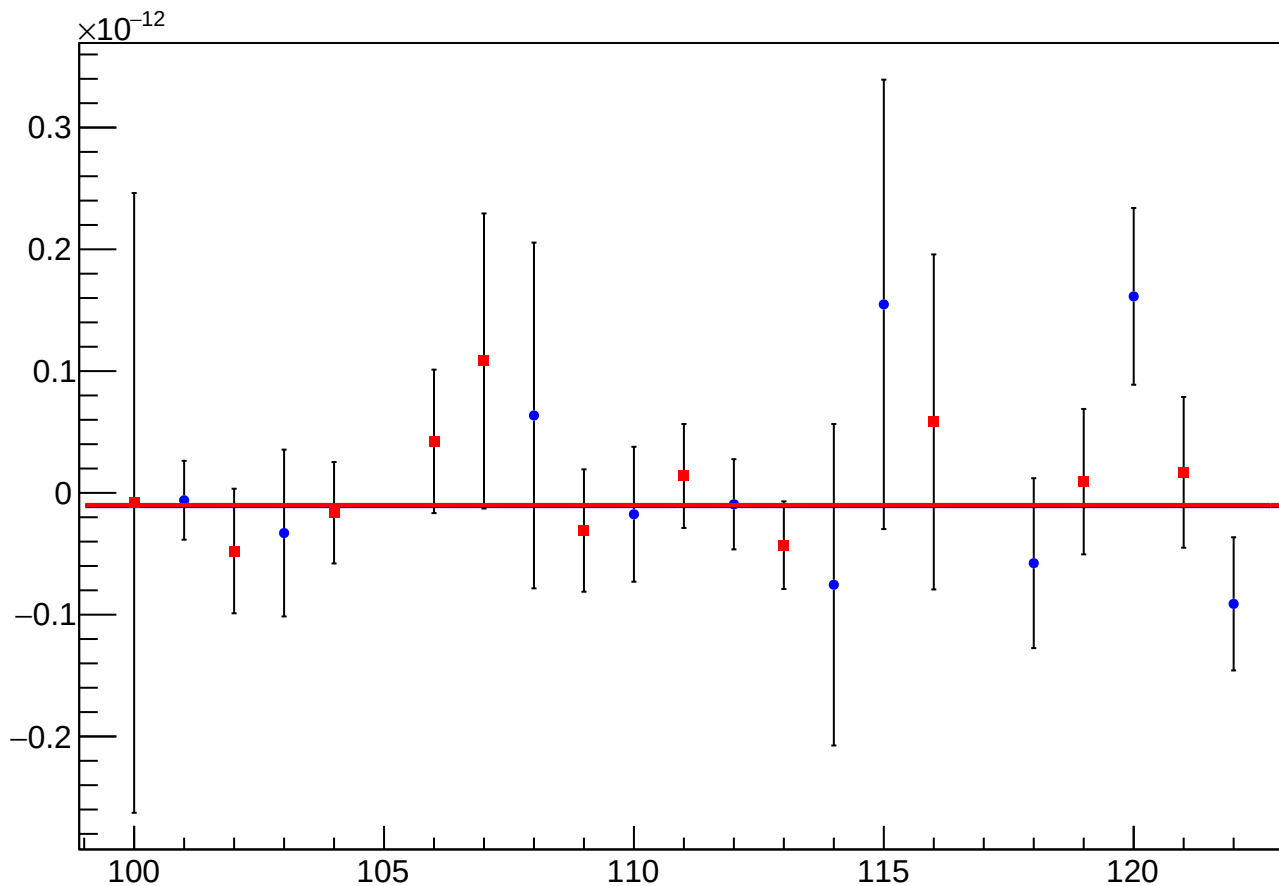
Right: 20.136+/-0.006 χ^2/NDF : 3946489.1/20

In: 21.347+/-0.009 χ^2/NDF : 2042253.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.136+/-0.006 χ^2/NDF : 3946489.1/20

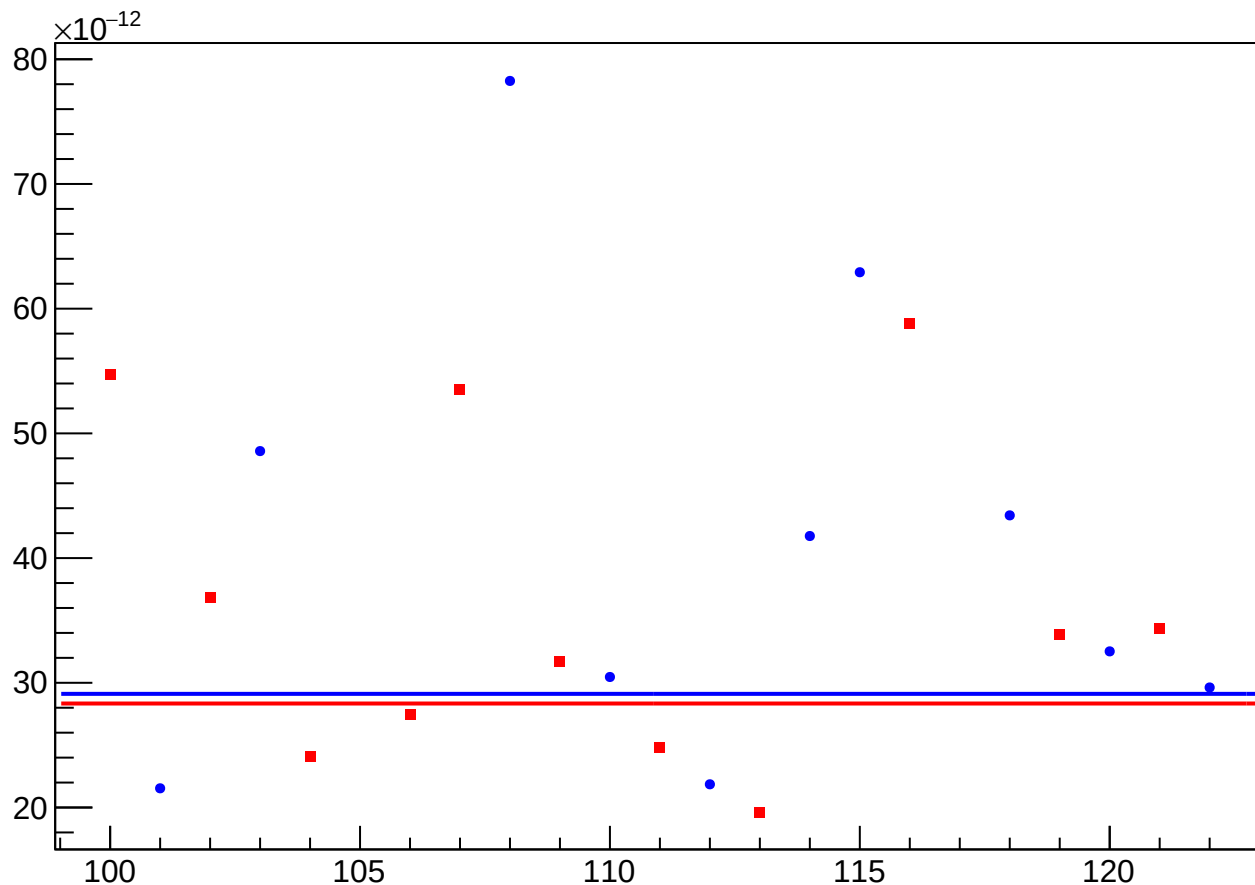
asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 4.2/10
 Left In: 0.000+/-0.000 χ^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 :9.7/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 13.9/20

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 : 459183.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

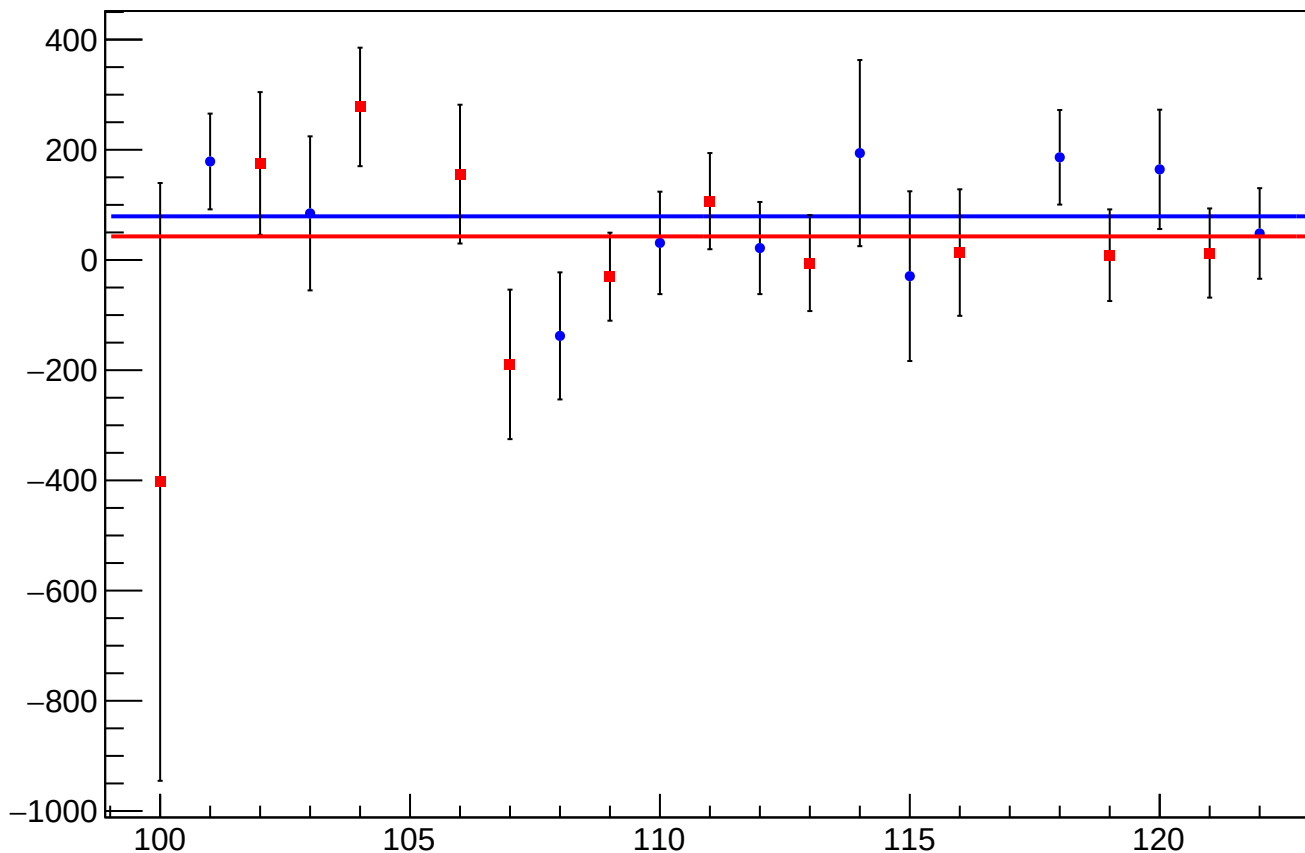
Right: 0.000+/-0.000 χ^2/NDF : 1224116.1/20

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 : 1224116.1/20

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: 42.796+/-30.717 χ^2/NDF : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

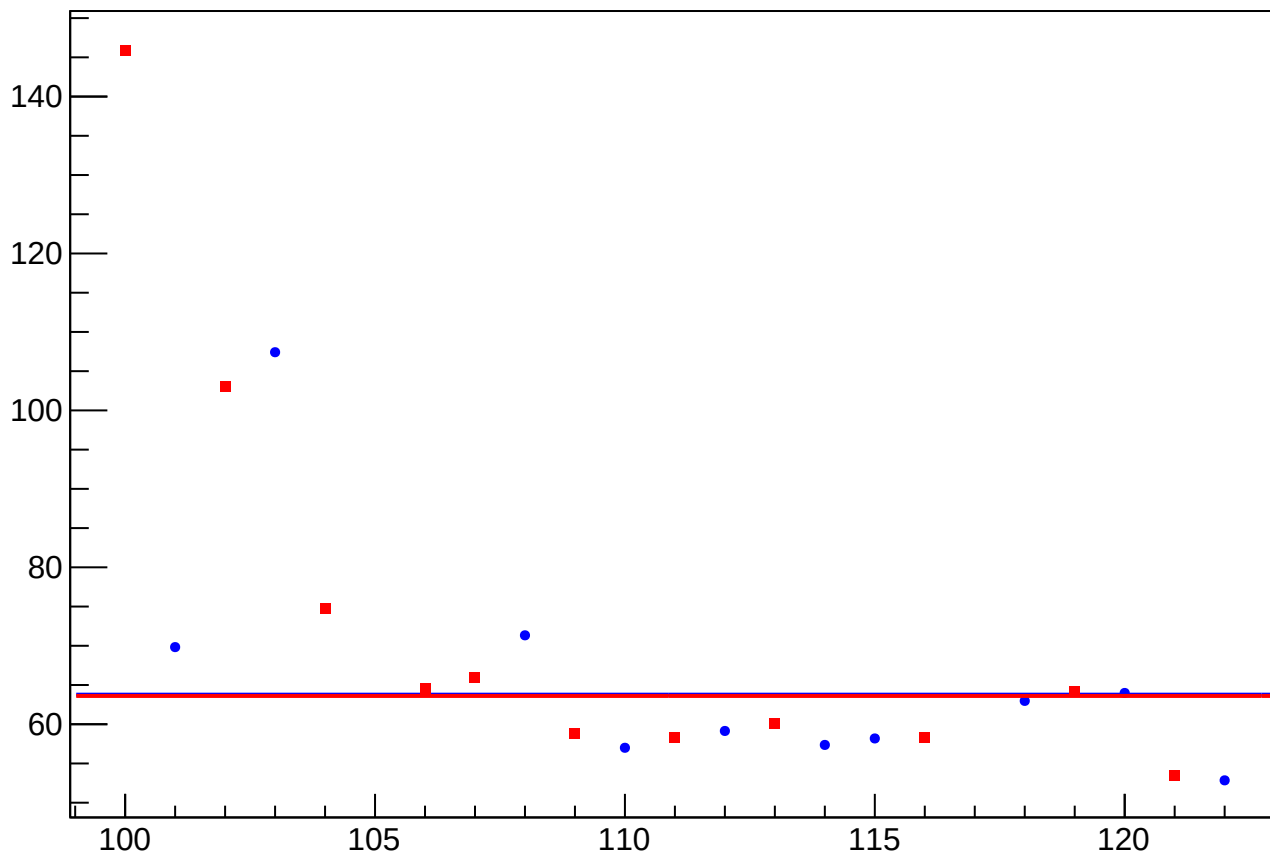
Right: 60.137+/-22.230 χ^2/NDF : 21.8/20

In: 79.209+/-32.213 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.137+/-22.230 χ^2/NDF : 21.8/20

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: 63.607+/-0.022 χ^2/NDF : 307471.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

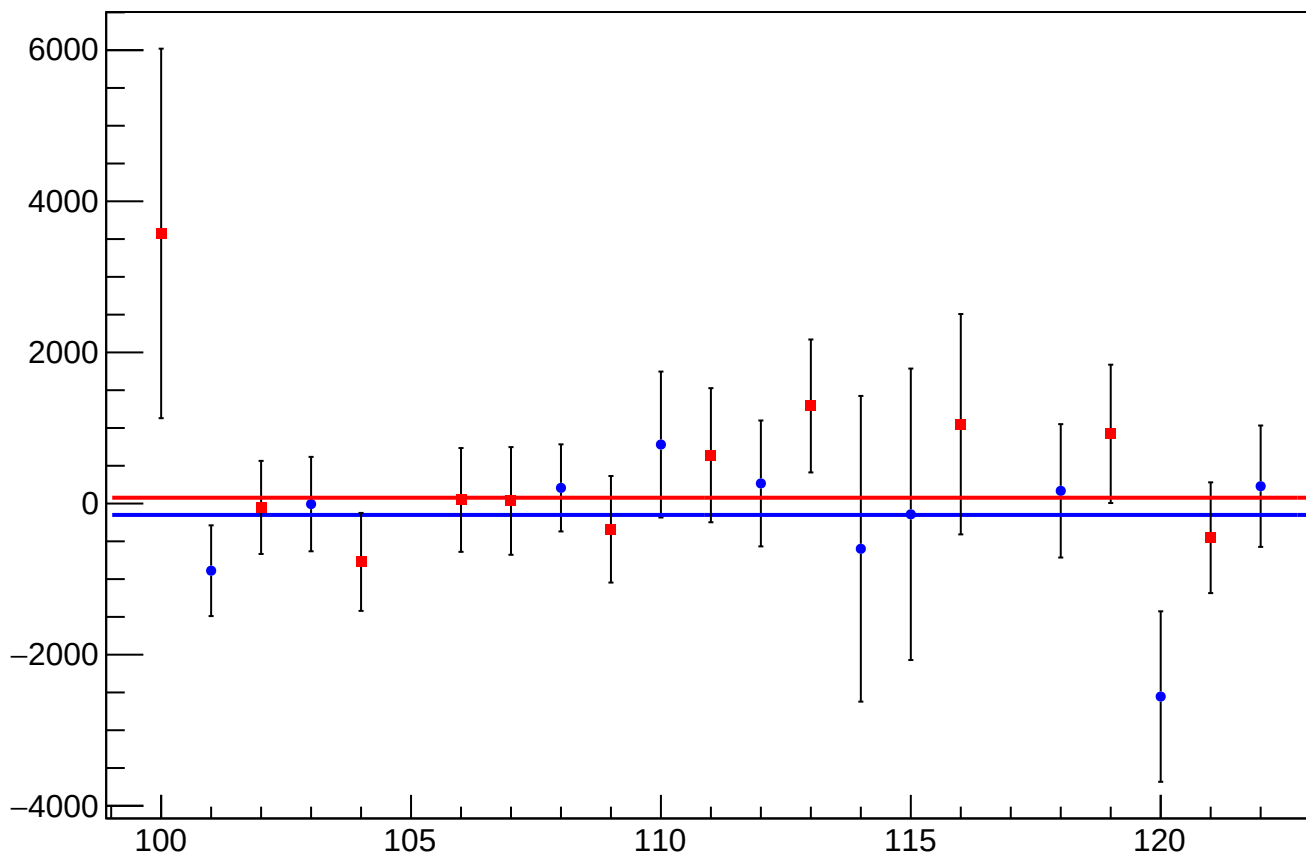
Right: 63.683+/-0.016 χ^2/NDF : 578505.1/20

In: 63.766+/-0.023 χ^2/NDF : 271008.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.683+/-0.016 χ^2/NDF : 578505.1/20

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: 77.209+/-239.936 χ^2 /NDF: 8.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

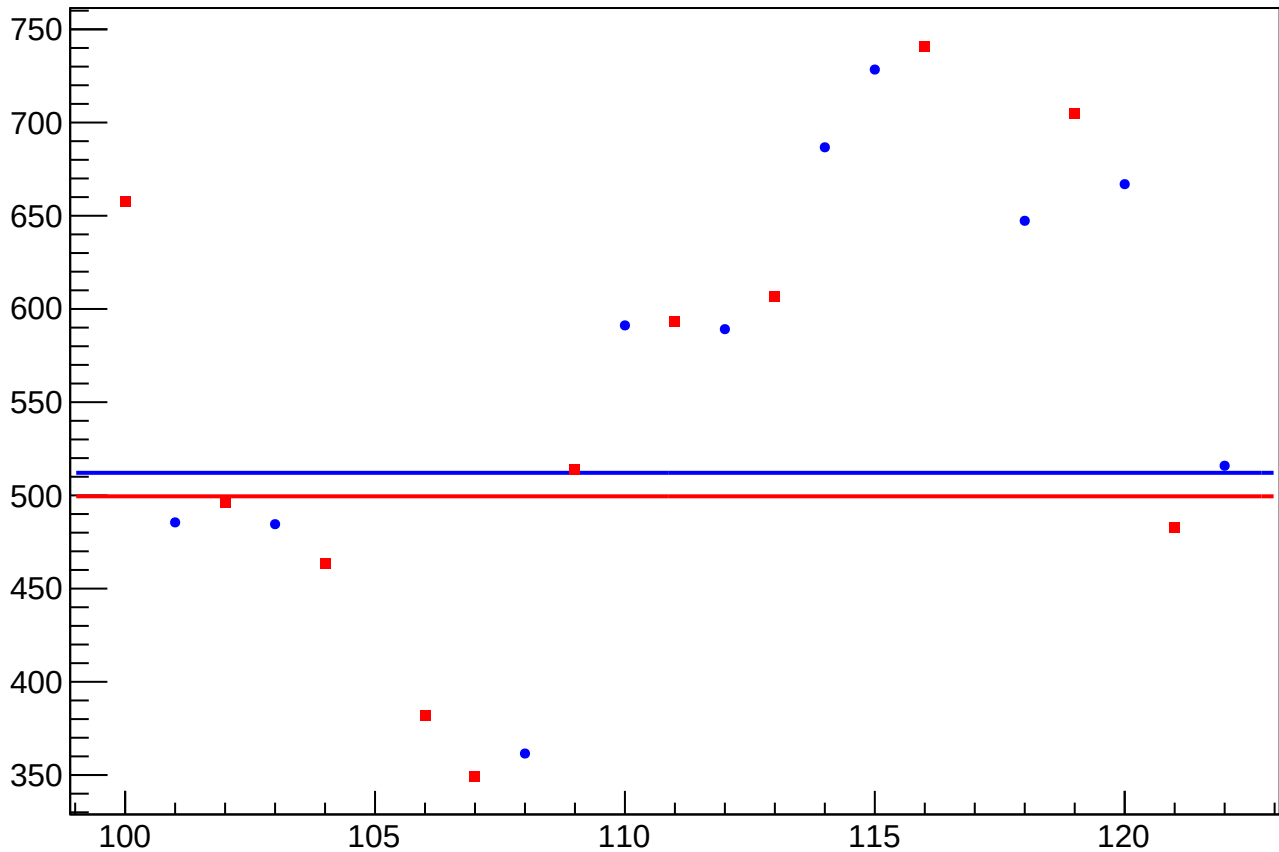
Right: -28.327+/-175.776 χ^2 /NDF: 16.8/20

In: -150.581+/-258.242 χ^2 /NDF:8.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -28.327+/-175.776 χ^2 /NDF: 16.8/20

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: 499.502+/-0.170 χ^2/NDF : 371562.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

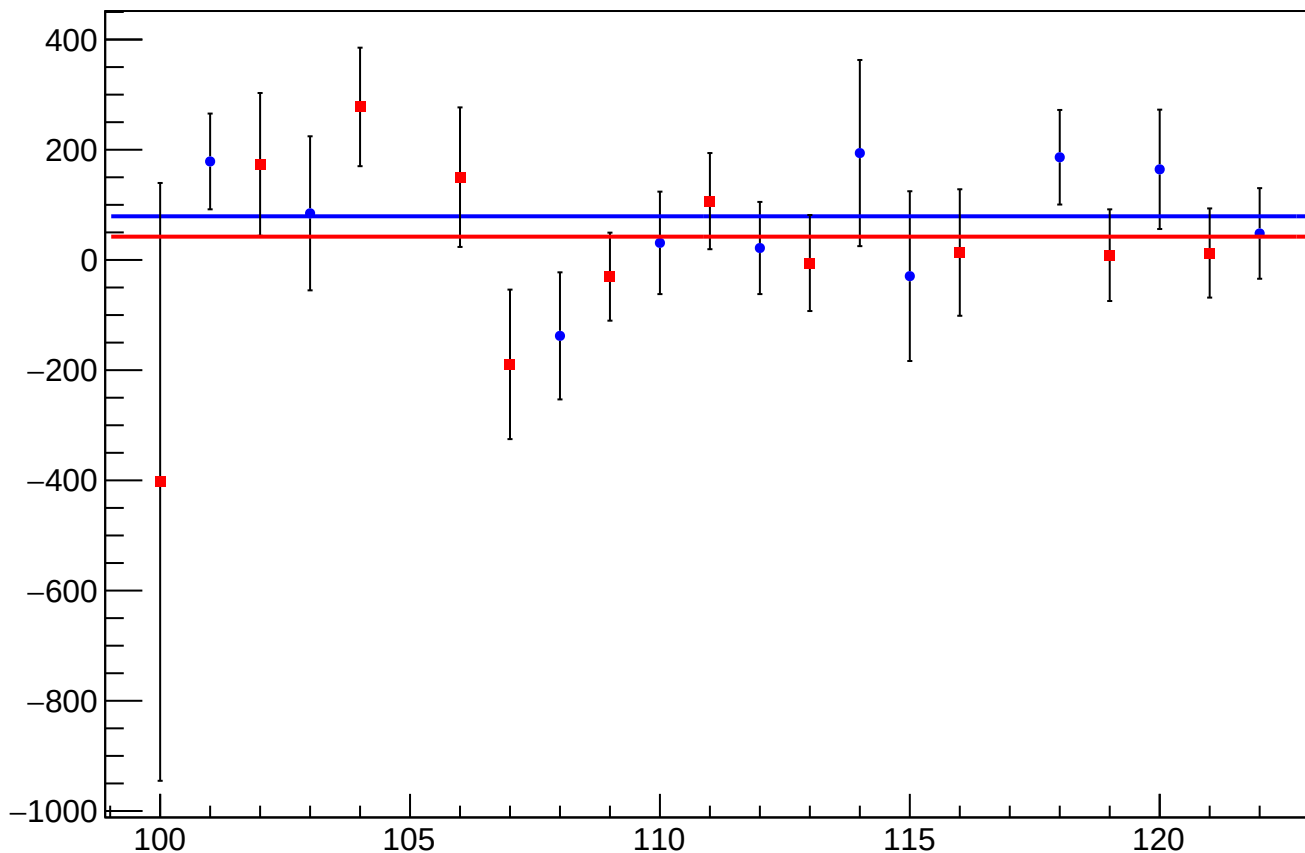
Right: 505.343+/-0.124 χ^2/NDF : 673707.5/20

In: 512.109+/-0.183 χ^2/NDF : 299586.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.343+/-0.124 χ^2/NDF : 673707.5/20

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: 42.284 $\pm$ 30.728 χ^2 /NDF: 12.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

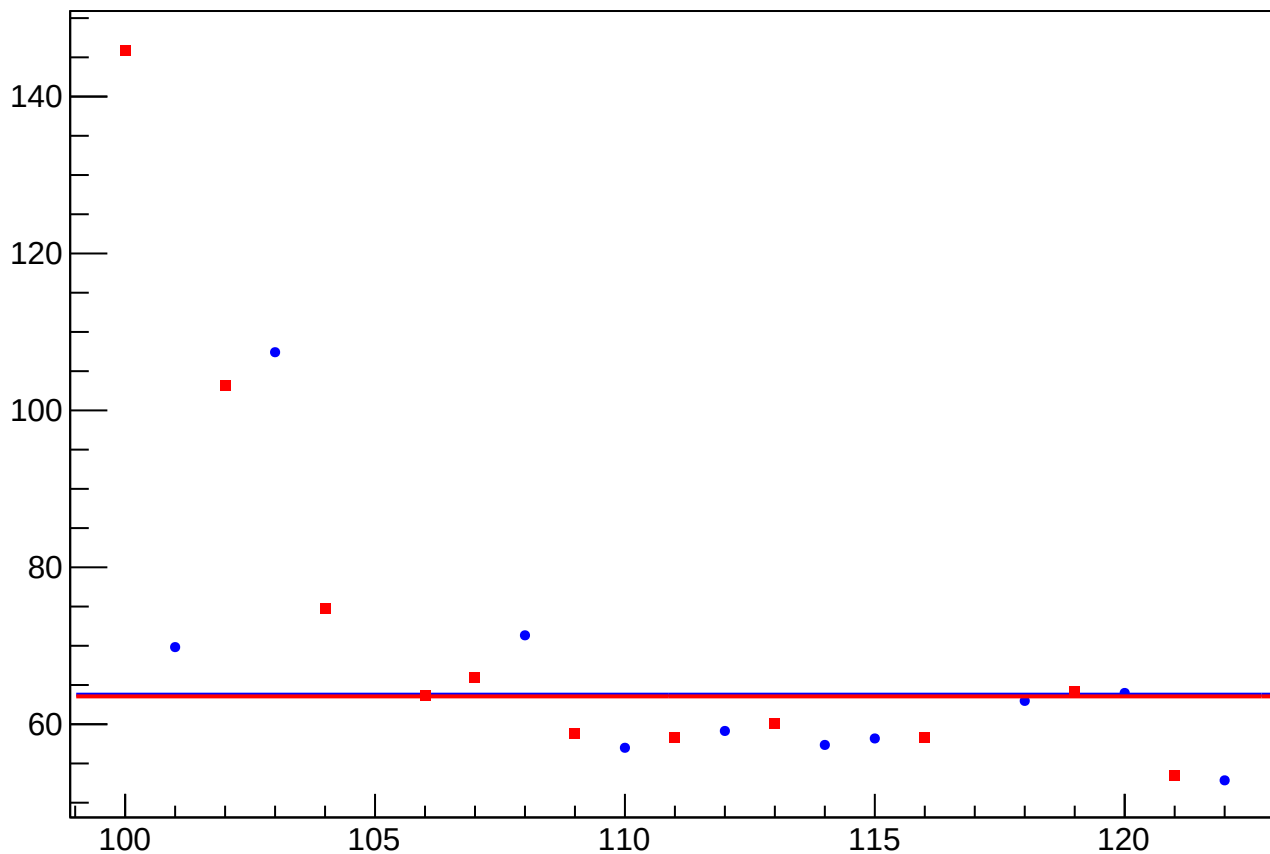
Right: 59.876 $\pm$ 22.234 χ^2 /NDF: 21.7/20

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: 59.876 $\pm$ 22.234 χ^2 /NDF: 21.7/20

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: 63.549+/-0.022 χ^2/NDF : 307564.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

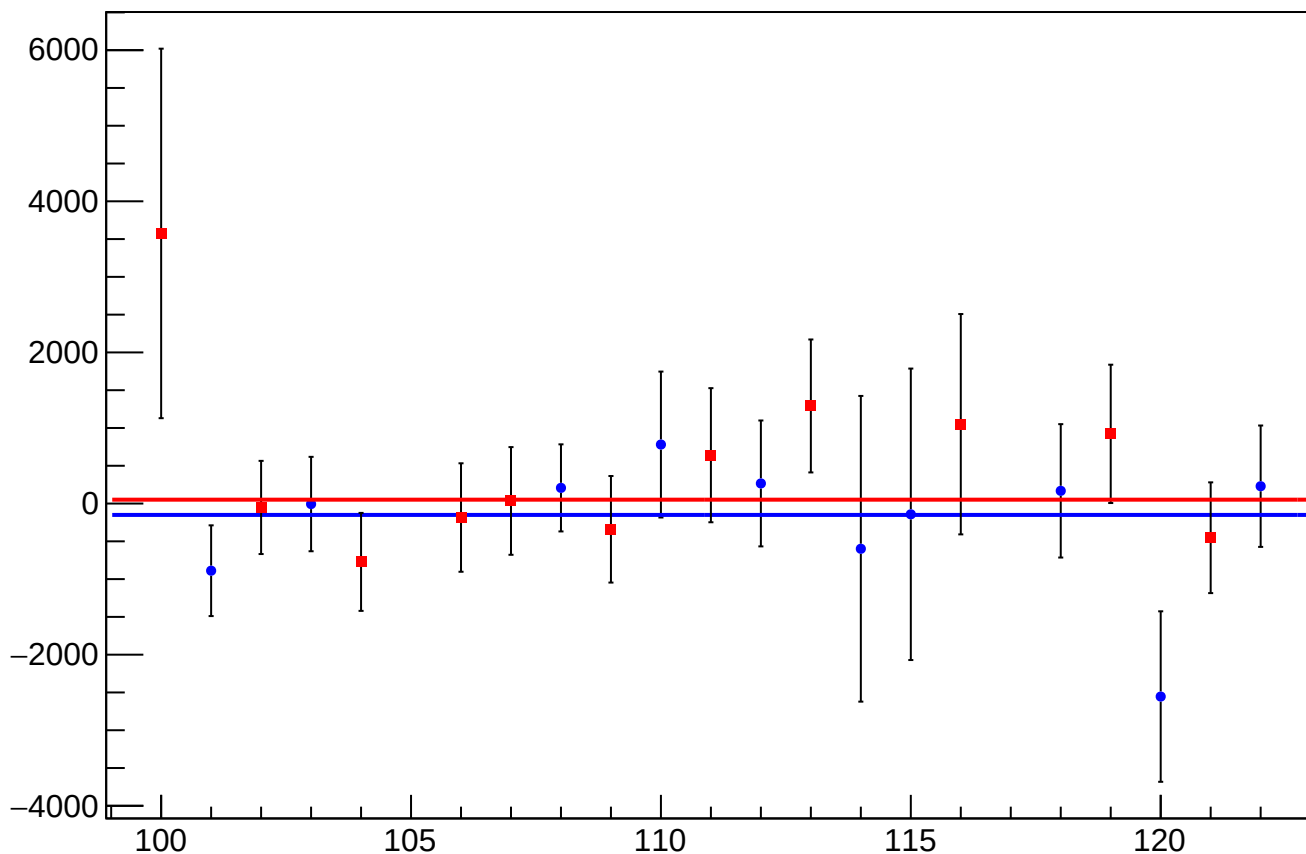
Right: 63.653+/-0.016 χ^2/NDF : 578622.1/20

In: 63.766+/-0.023 χ^2/NDF : 271010.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.653+/-0.016 χ^2/NDF : 578622.1/20

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: 51.270+/-241.212 χ^2 /NDF: 8.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

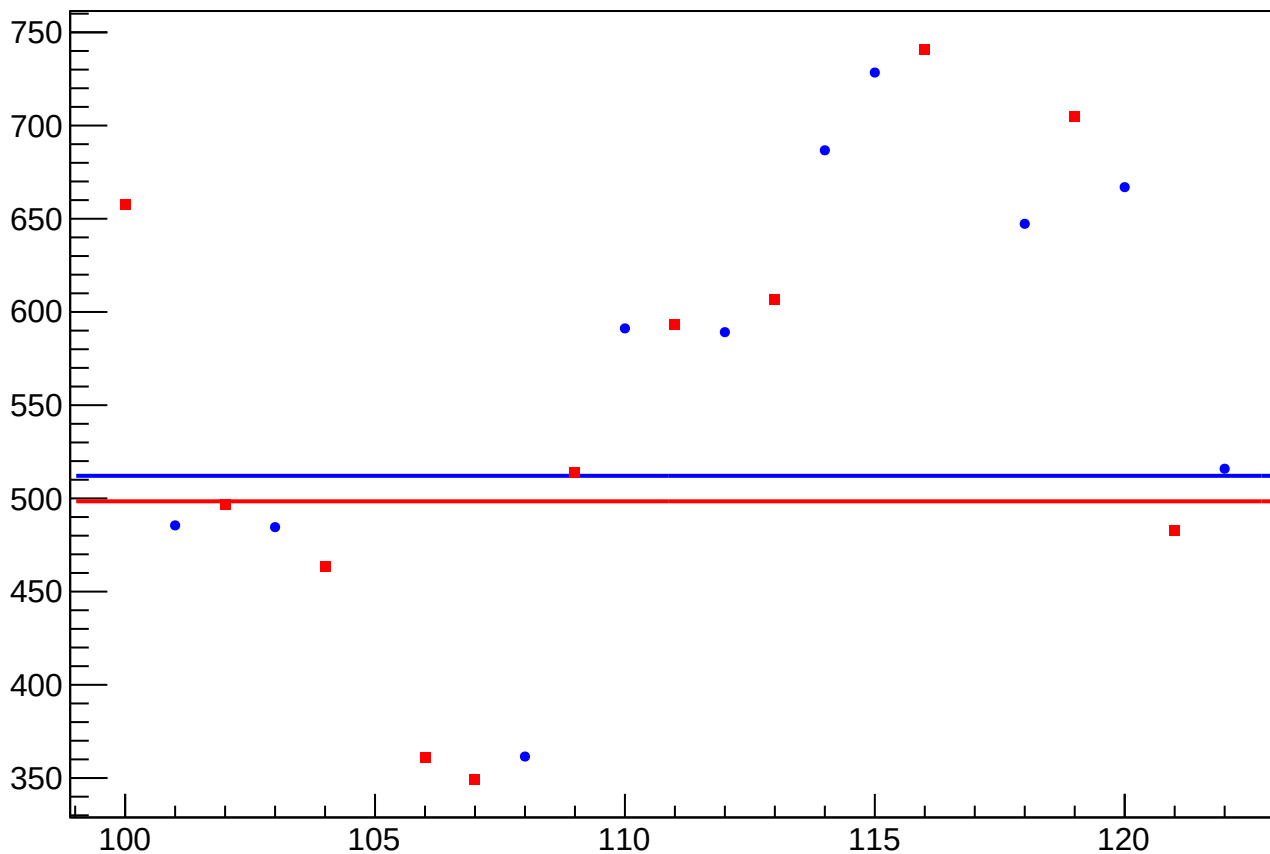
Right: -42.742+/-176.277 χ^2 /NDF: 16.8/20

In: -150.499+/-258.245 χ^2 /NDF:8.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -42.742+/-176.277 χ^2 /NDF: 16.8/20

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 512.115 $\pm$ 0.183 χ^2 /NDF: 299577.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 498.435 $\pm$ 0.171 χ^2 /NDF: 387392.1/10

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

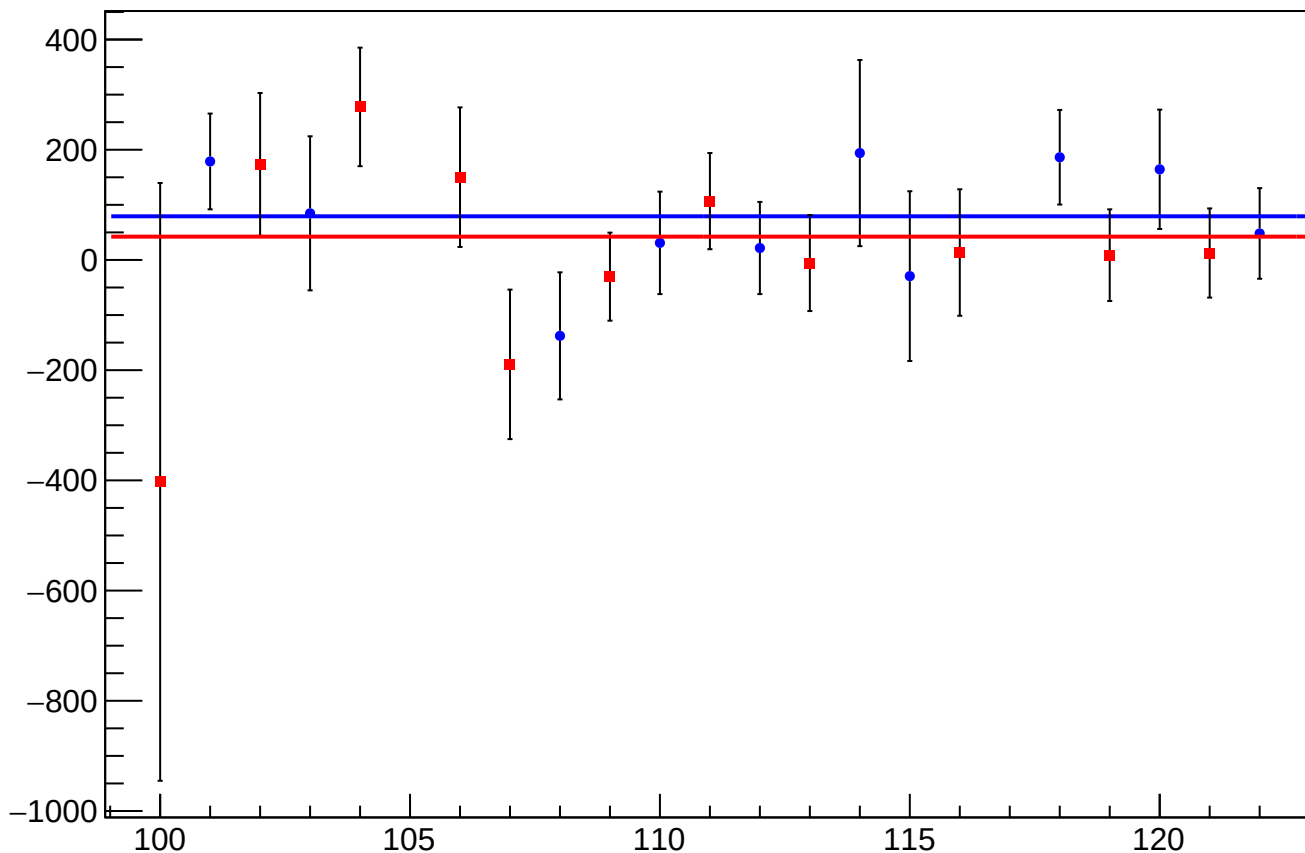
Right: 504.809 $\pm$ 0.125 χ^2 /NDF: 689966.4/20

In: 512.115 $\pm$ 0.183 χ^2 /NDF:299577.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 504.809 $\pm$ 0.125 χ^2 /NDF: 689966.4/20

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: 42.284+/-30.728 χ^2/NDF : 12.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

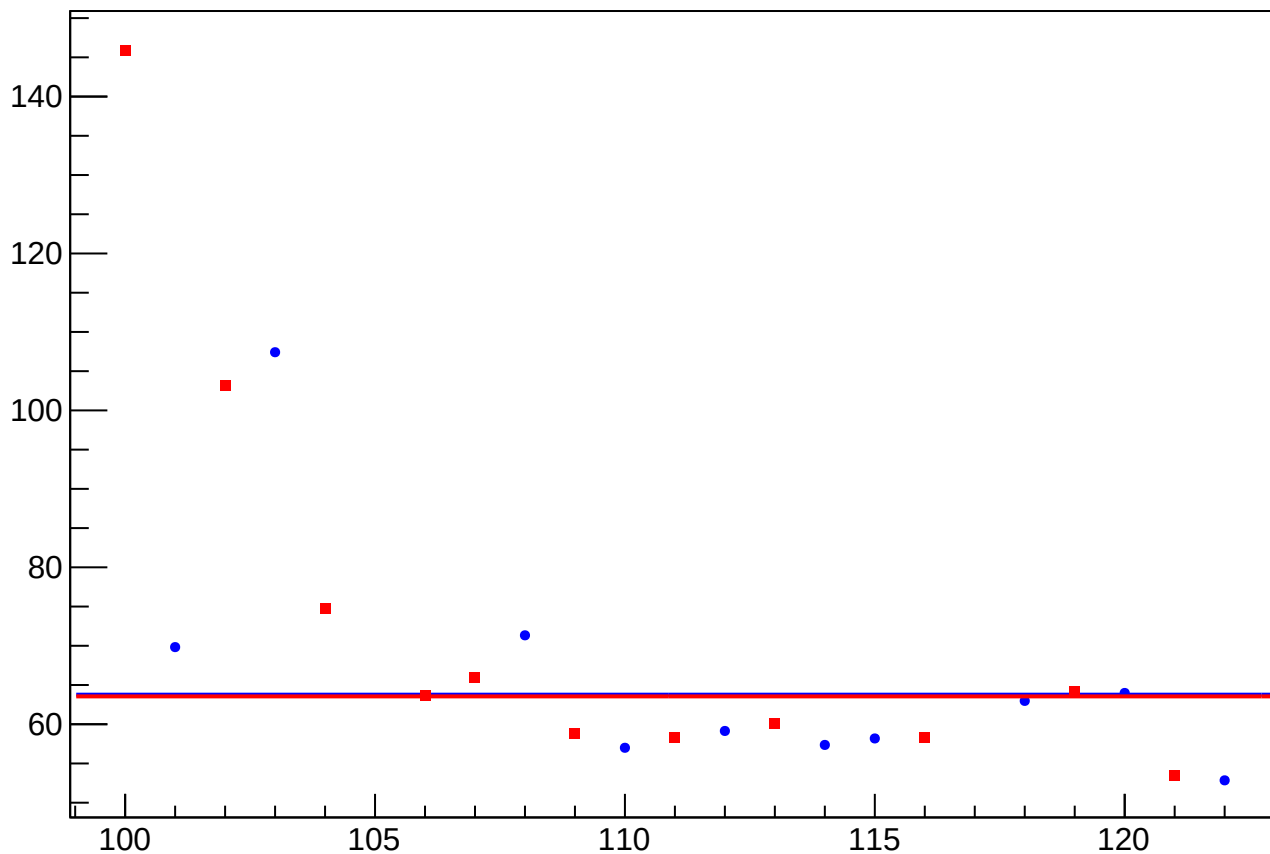
Right: 59.876+/-22.234 χ^2/NDF : 21.7/20

In: 79.210+/-32.213 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.876+/-22.234 χ^2/NDF : 21.7/20

eigen_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: 63.549+/-0.022 χ^2/NDF : 307564.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

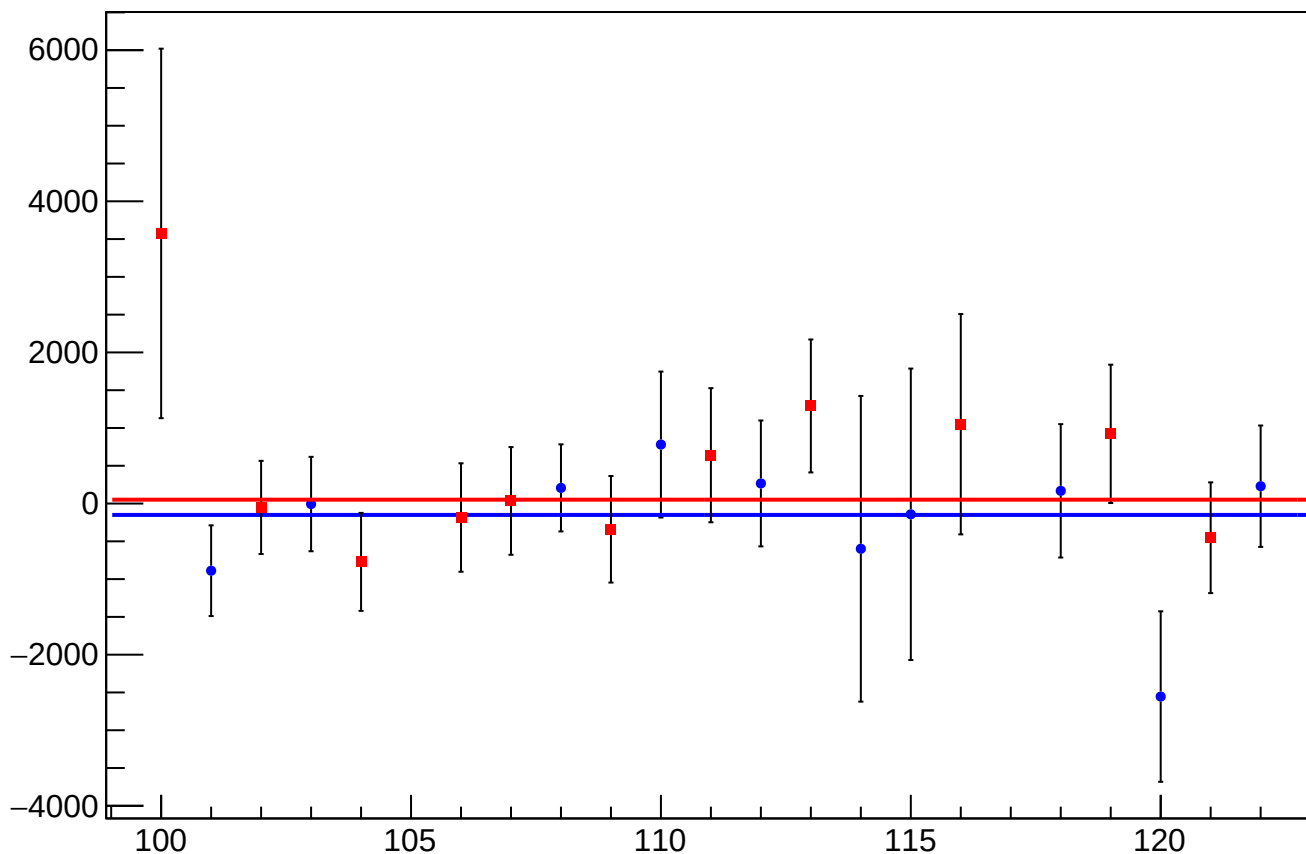
Right: 63.653+/-0.016 χ^2/NDF : 578622.1/20

In: 63.766+/-0.023 χ^2/NDF : 271010.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.653+/-0.016 χ^2/NDF : 578622.1/20

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: 51.270+/-241.212 χ^2/NDF : 8.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

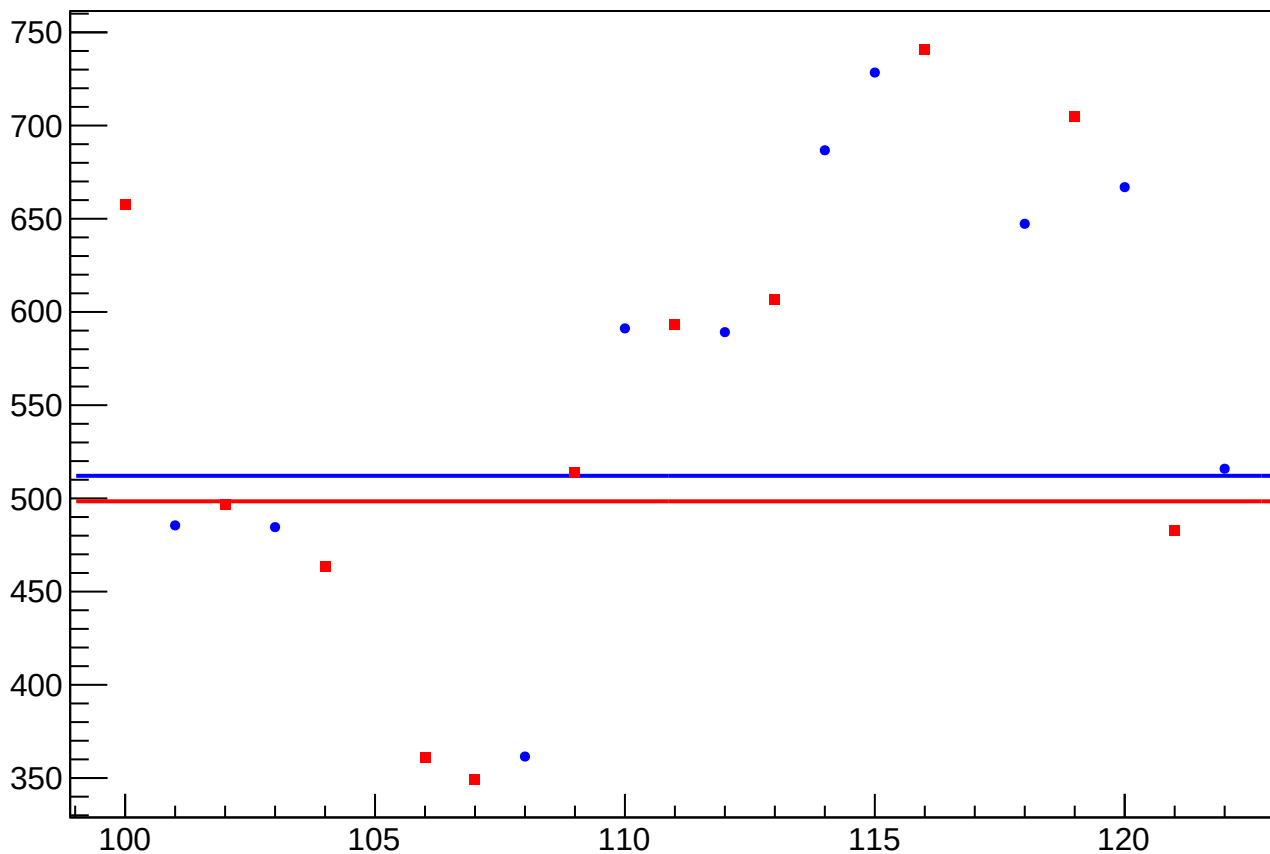
Right: -42.742+/-176.277 χ^2/NDF : 16.8/20

In: -150.499+/-258.245 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.742+/-176.277 χ^2/NDF : 16.8/20

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 512.115 $\pm$ 0.183 χ^2 /NDF: 299577.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 498.435 $\pm$ 0.171 χ^2 /NDF: 387392.1/10

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

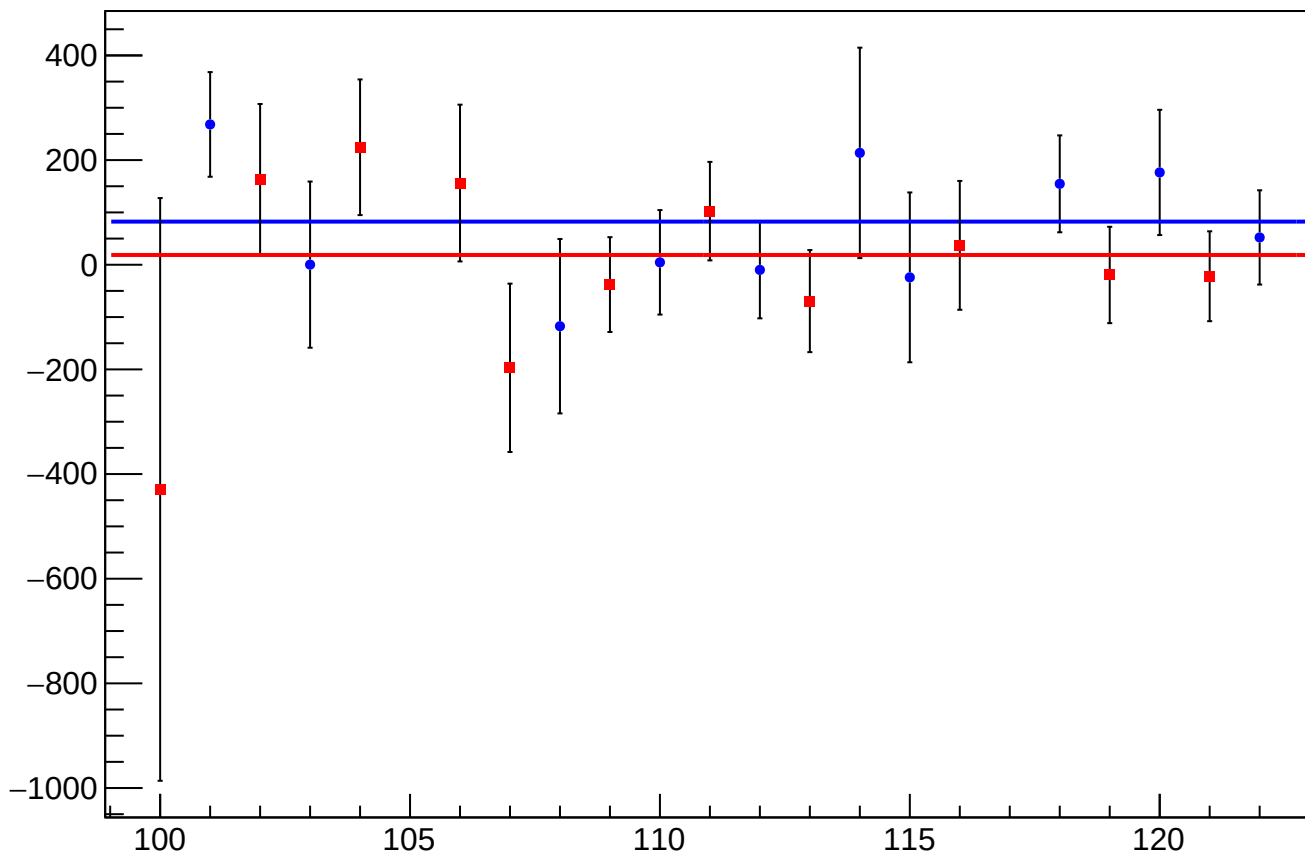
Right: 504.809 $\pm$ 0.125 χ^2 /NDF: 689966.4/20

In: 512.115 $\pm$ 0.183 χ^2 /NDF:299577.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 504.809 $\pm$ 0.125 χ^2 /NDF: 689966.4/20

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 82.443+/-36.154 χ^2/NDF : 9.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.667+/-34.236 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

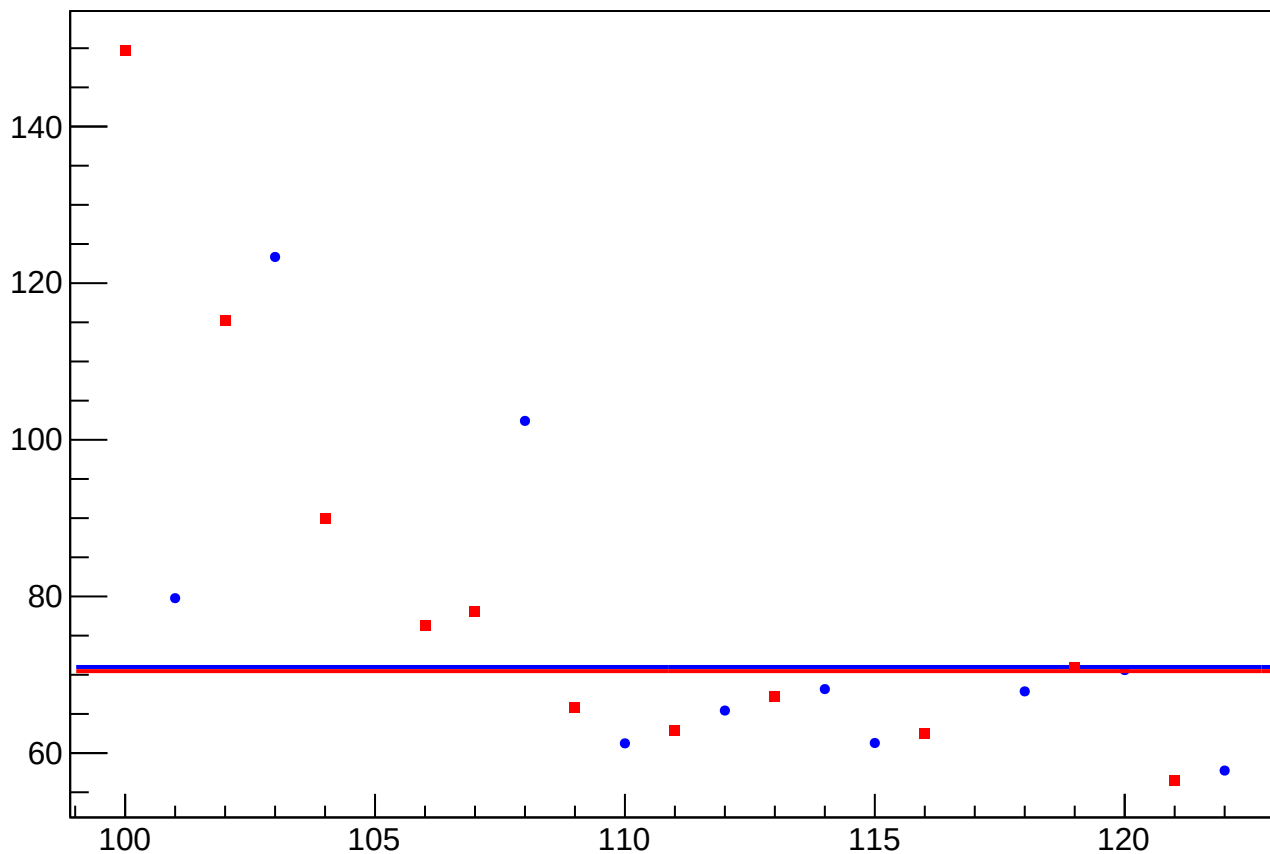
Right: 48.819+/-24.859 χ^2/NDF : 19.8/20

In: 82.443+/-36.154 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.819+/-24.859 χ^2/NDF : 19.8/20

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: 70.466 $\pm$ 0.024 χ^2 /NDF: 367187.9/10

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

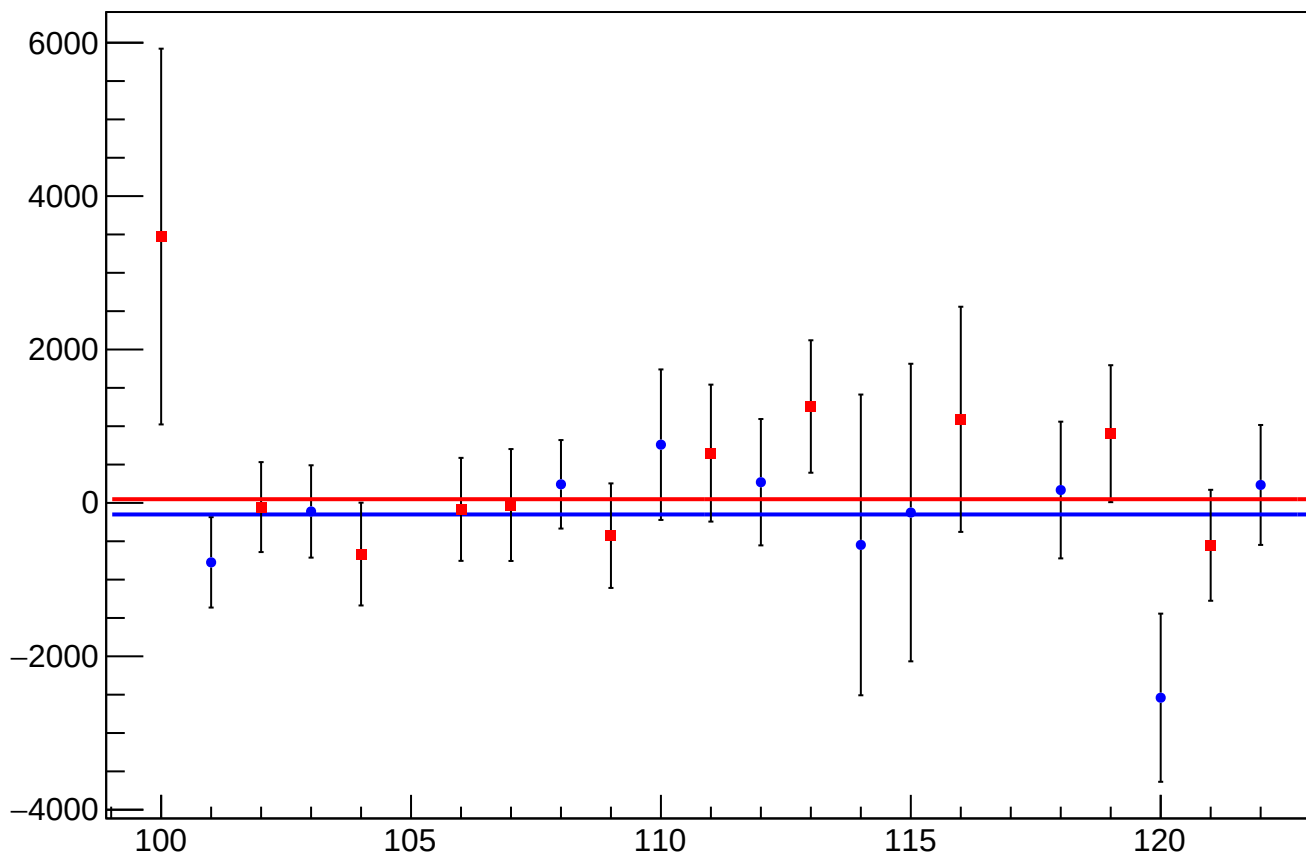
Right: 70.716 $\pm$ 0.018 χ^2 /NDF: 750540.4/20

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: 70.716 $\pm$ 0.018 χ^2 /NDF: 750540.4/20

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: 48.442+/-237.160 χ^2 /NDF: 8.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

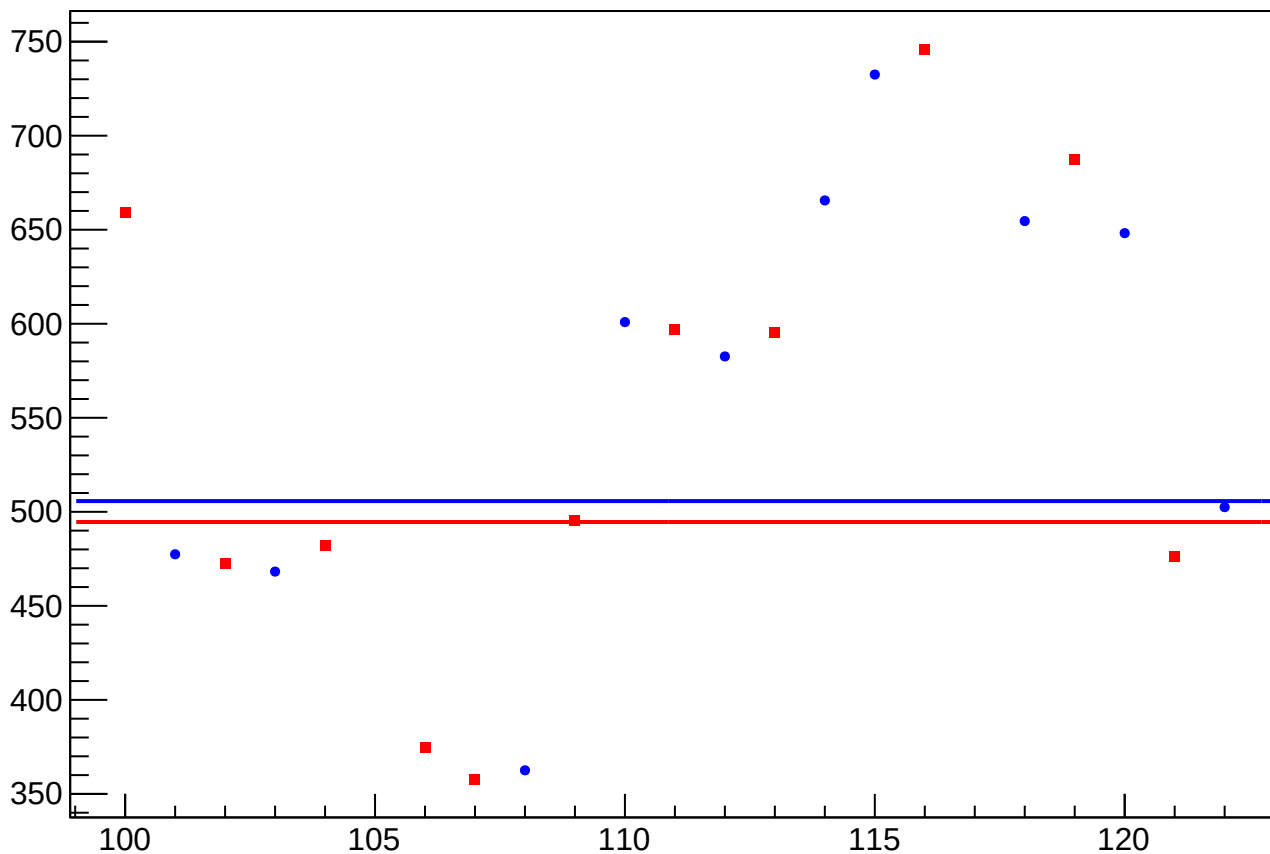
Right: -43.891+/-173.587 χ^2 /NDF: 16.4/20

In: -150.438+/-254.761 χ^2 /NDF:7.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -43.891+/-173.587 χ^2 /NDF: 16.4/20

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 505.711 $\pm$ 0.180 χ^2 /NDF: 301999.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 494.590 $\pm$ 0.168 χ^2 /NDF: 353656.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

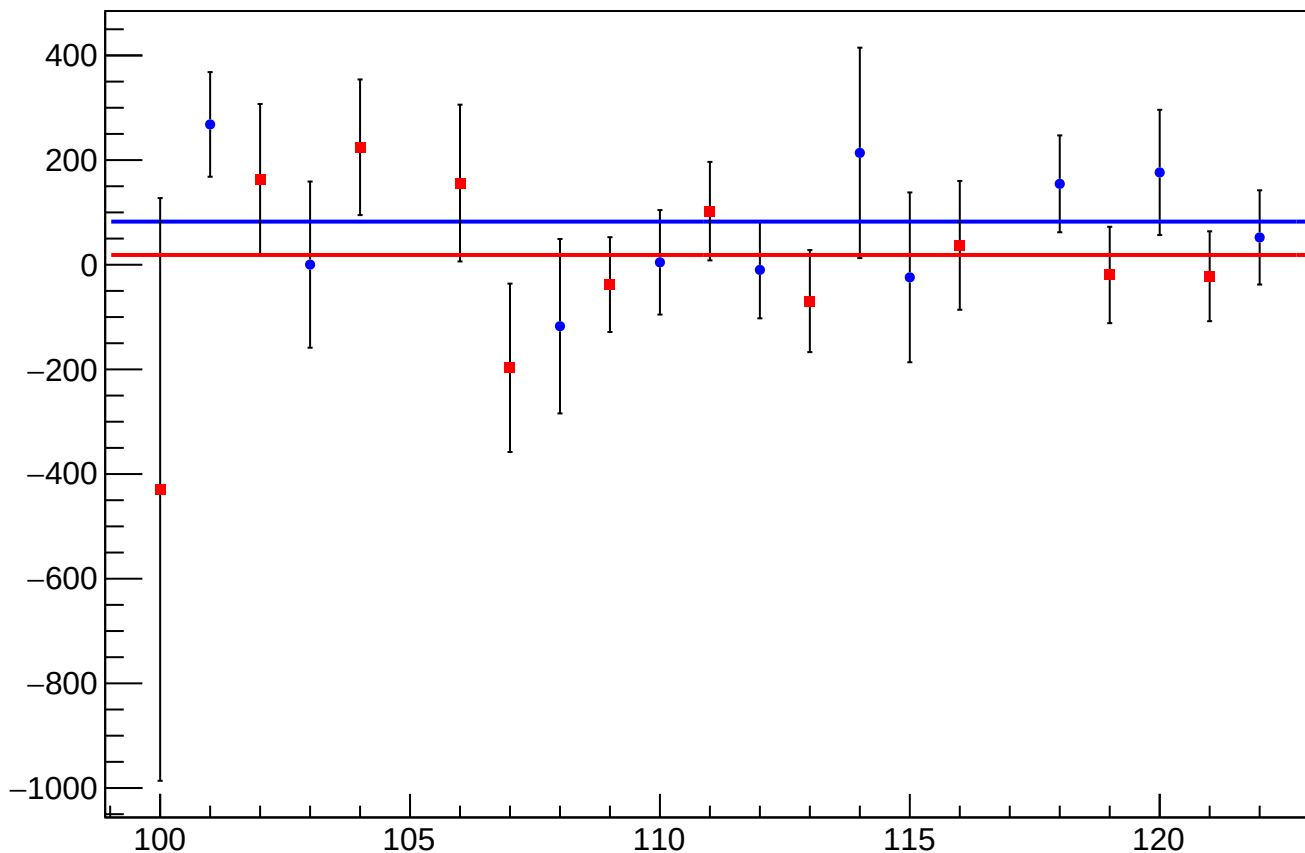
Right: 499.753 $\pm$ 0.123 χ^2 /NDF: 657697.6/20

In: 505.711 $\pm$ 0.180 χ^2 /NDF:301999.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 499.753 $\pm$ 0.123 χ^2 /NDF: 657697.6/20

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 82.444 $\pm$ 36.154 χ^2 /NDF: 9.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.667 $\pm$ 34.236 χ^2 /NDF: 9.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

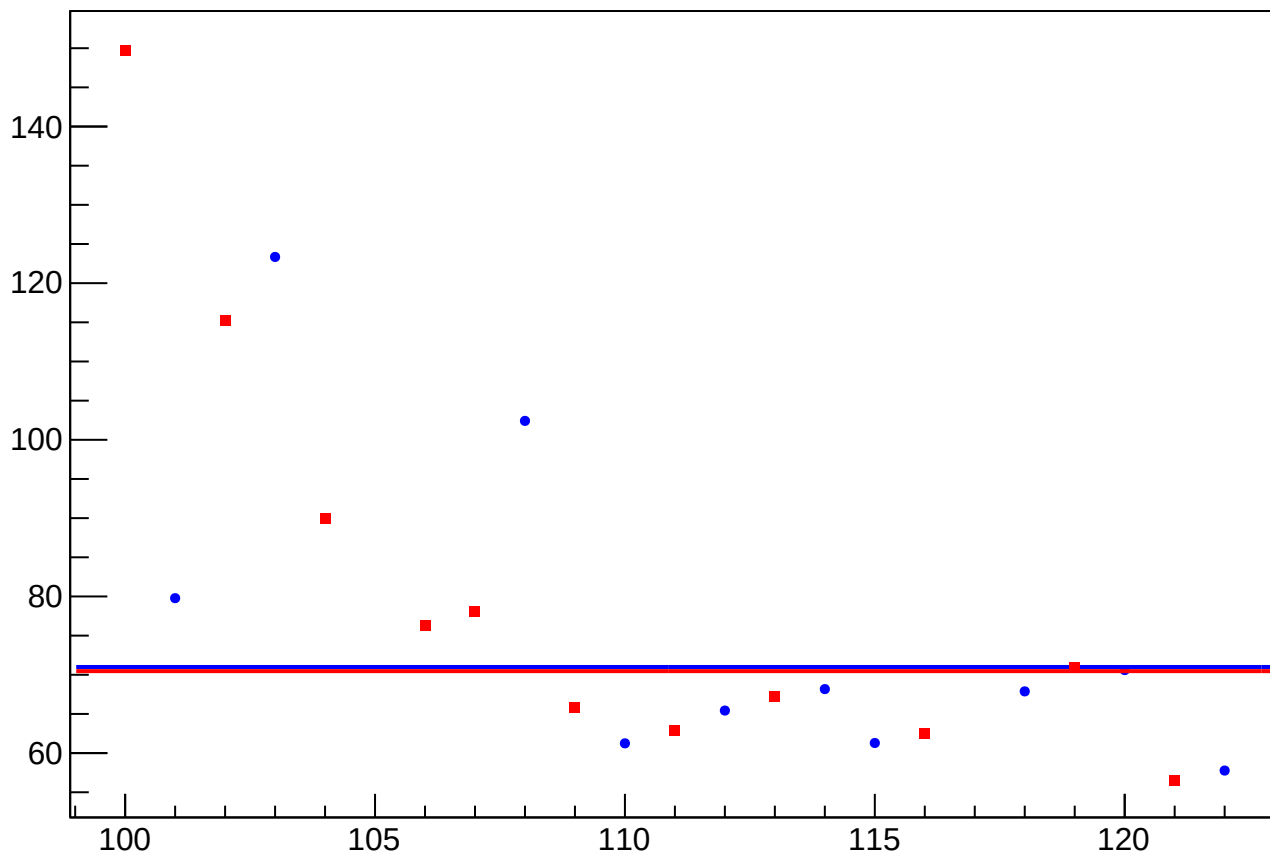
Right: 48.820 $\pm$ 24.859 χ^2 /NDF: 19.8/20

In: 82.444 $\pm$ 36.154 χ^2 /NDF:9.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.820 $\pm$ 24.859 χ^2 /NDF: 19.8/20

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: 70.466+/-0.024 χ^2/NDF : 367186.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

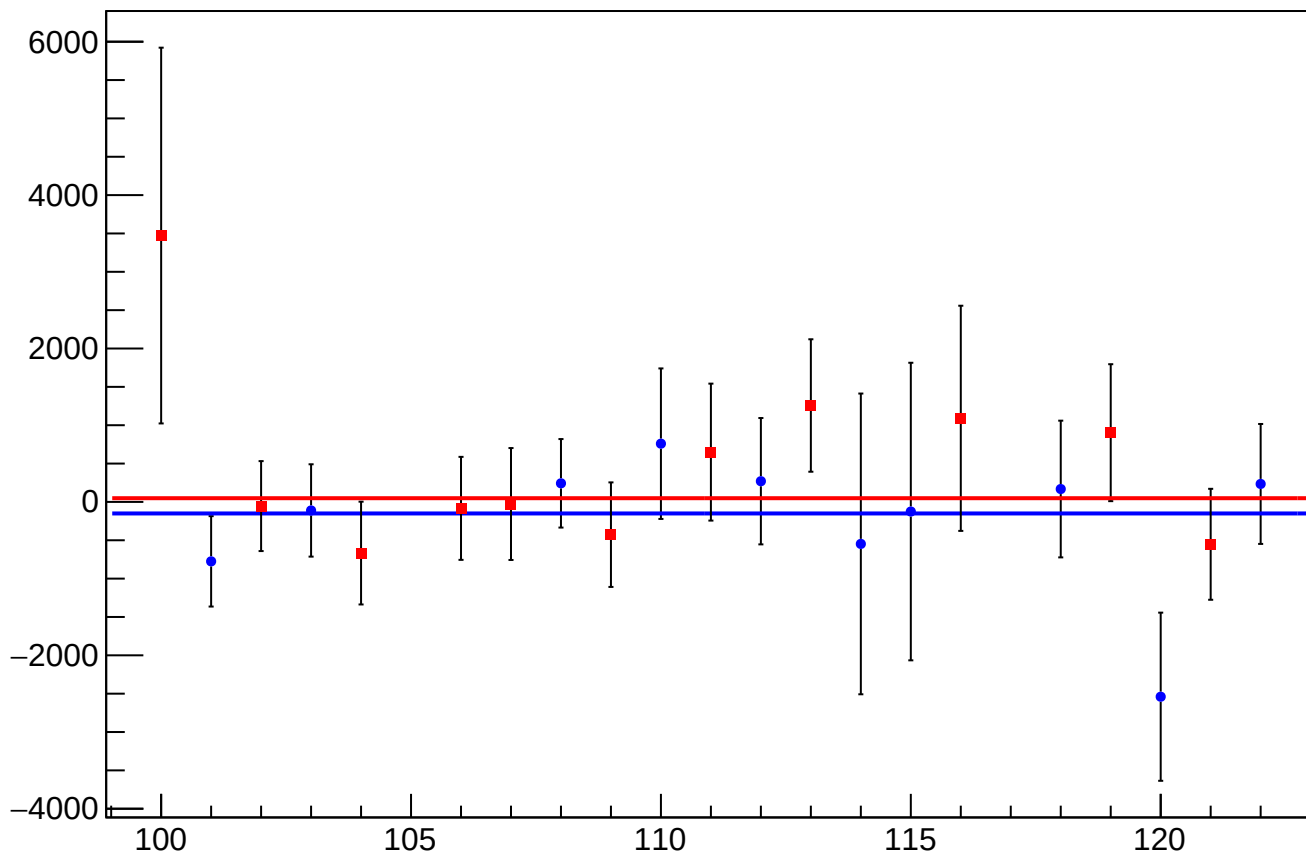
Right: 70.716+/-0.018 χ^2/NDF : 750543.8/20

In: 70.996+/-0.026 χ^2/NDF : 383130.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.716+/-0.018 χ^2/NDF : 750543.8/20

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -150.437 ± 254.761 $\chi^2/\text{NDF}: 7.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 48.440 ± 237.159 $\chi^2/\text{NDF}: 8.2/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

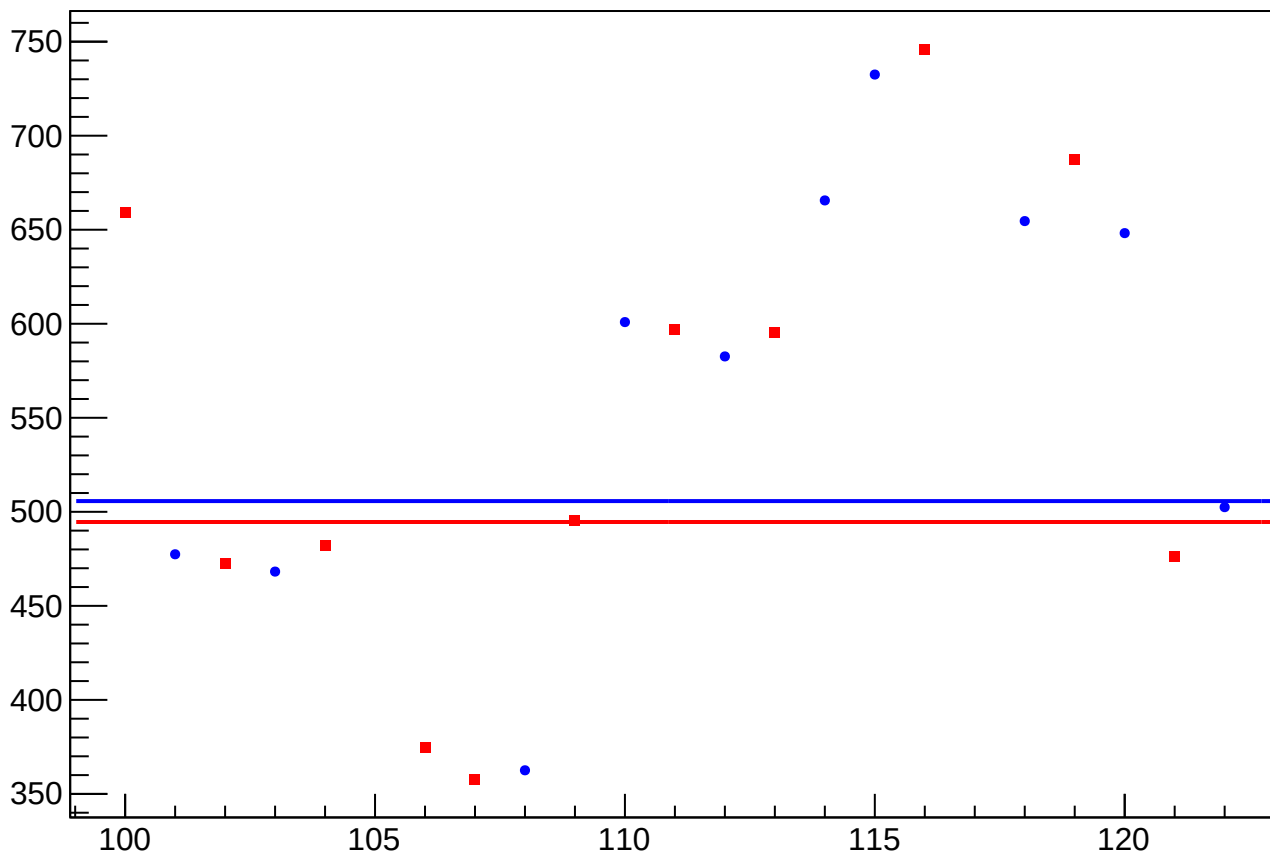
Right: -43.891 ± 173.586 $\chi^2/\text{NDF}: 16.4/20$

In: -150.437 ± 254.761 $\chi^2/\text{NDF}: 7.9/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -43.891 ± 173.586 $\chi^2/\text{NDF}: 16.4/20$

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 505.710 $\pm$ 0.180 χ^2 /NDF: 302003.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 494.589 $\pm$ 0.168 χ^2 /NDF: 353658.2/10

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

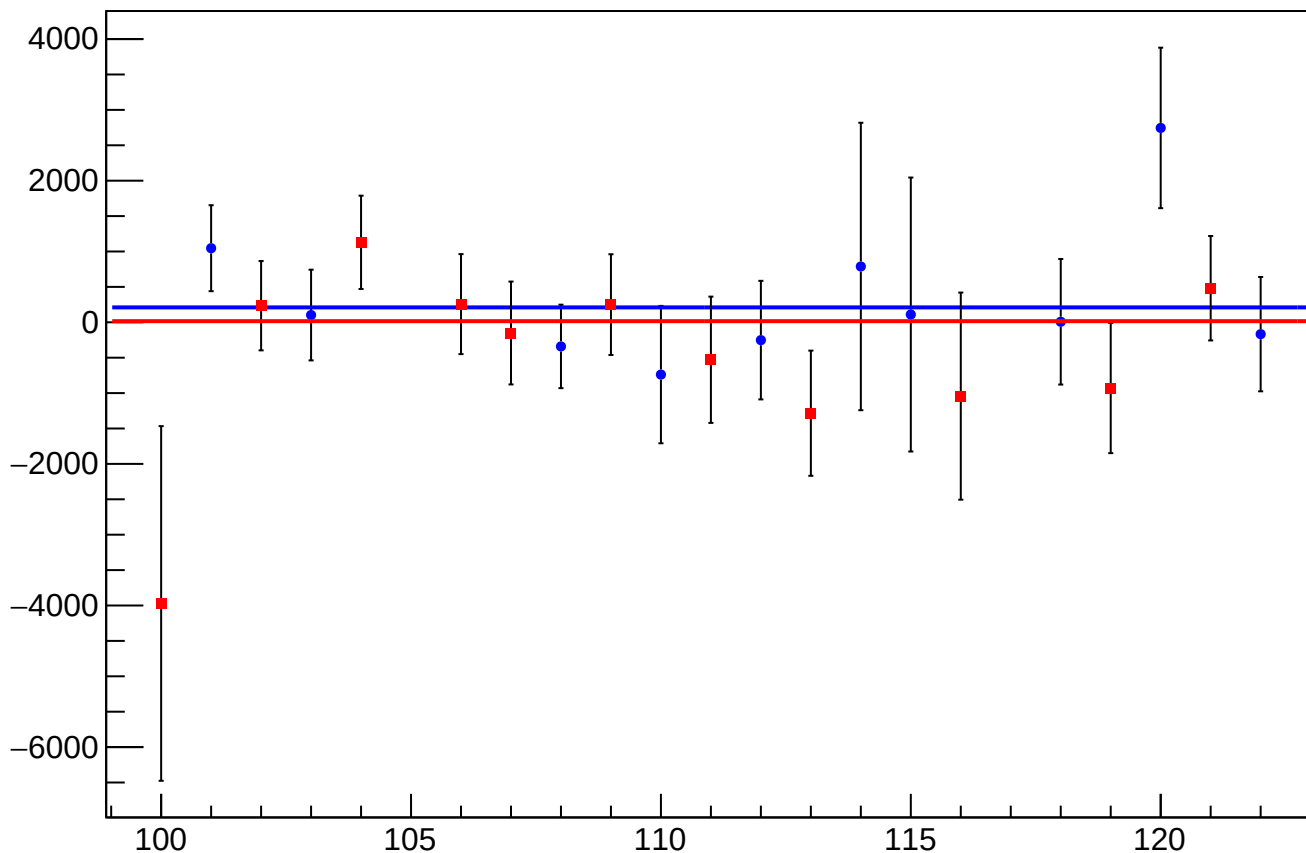
Right: 499.752 $\pm$ 0.123 χ^2 /NDF: 657703.6/20

In: 505.710 $\pm$ 0.180 χ^2 /NDF:302003.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 499.752 $\pm$ 0.123 χ^2 /NDF: 657703.6/20

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: 15.825 $\pm$ 243.405 χ^2 /NDF: 10.3/10

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

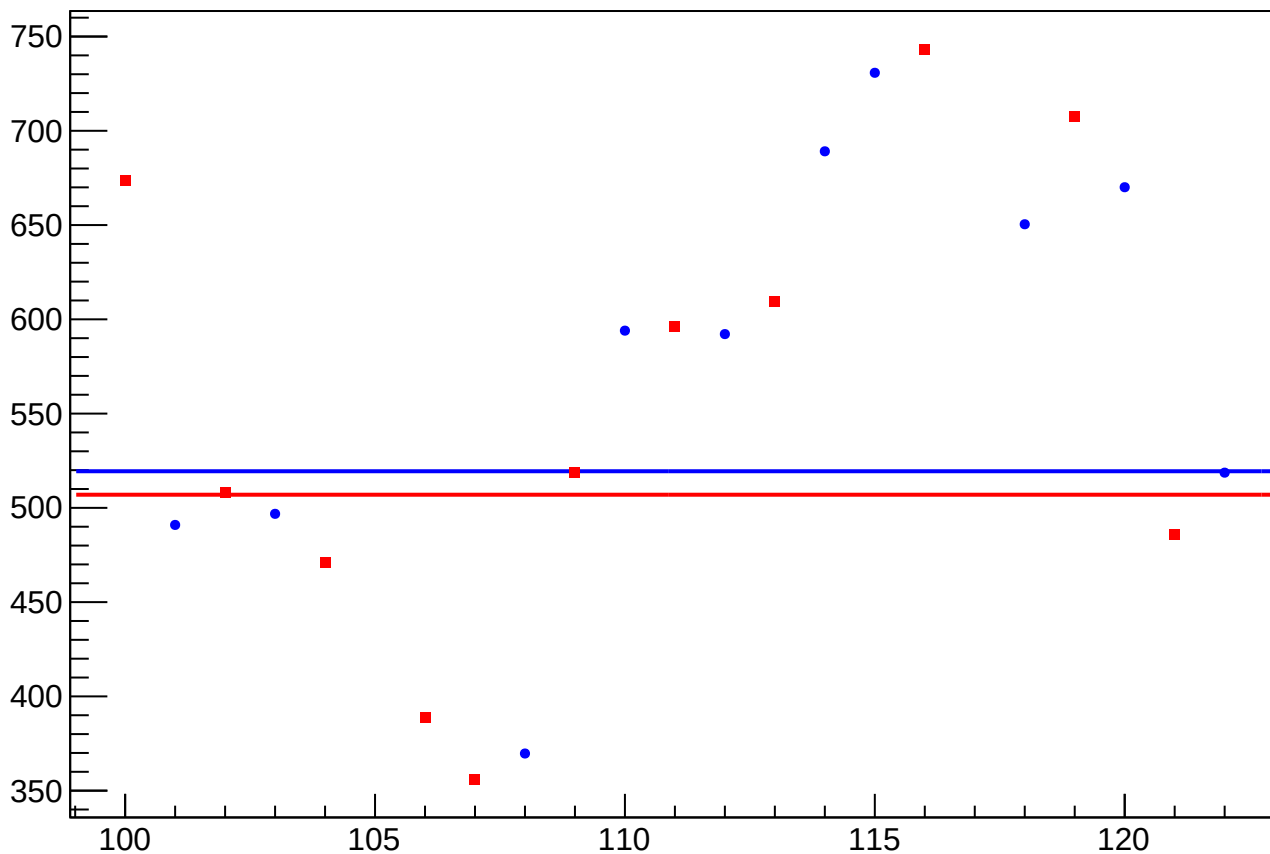
Right: 106.076 $\pm$ 178.202 χ^2 /NDF: 20.0/20

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: 106.076 $\pm$ 178.202 χ^2 /NDF: 20.0/20

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 519.422+/-0.185 χ^2/NDF : 279701.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.970+/-0.172 χ^2/NDF : 354077.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

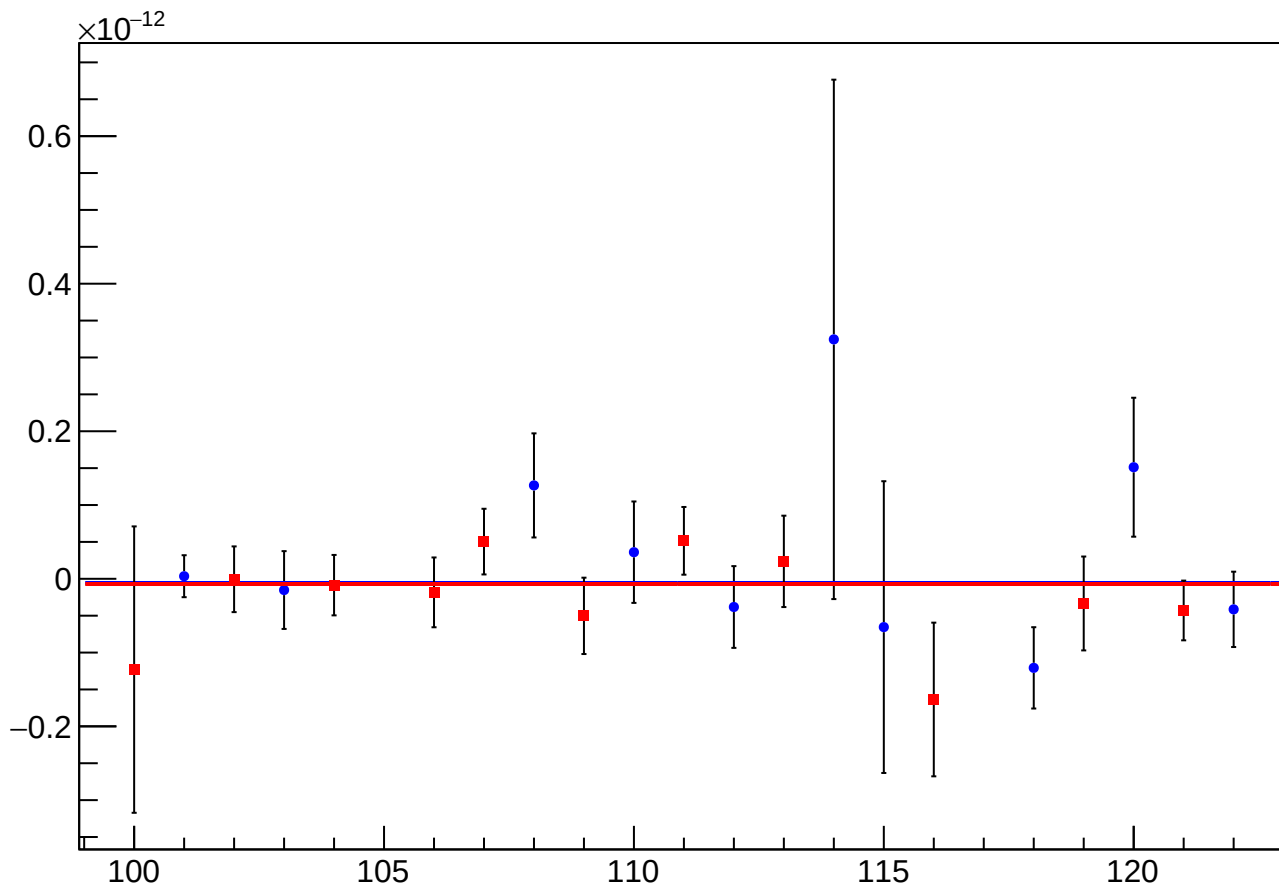
Right: 512.748+/-0.126 χ^2/NDF : 636207.6/20

In: 519.422+/-0.185 χ^2/NDF : 279701.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.748+/-0.126 χ^2/NDF : 636207.6/20

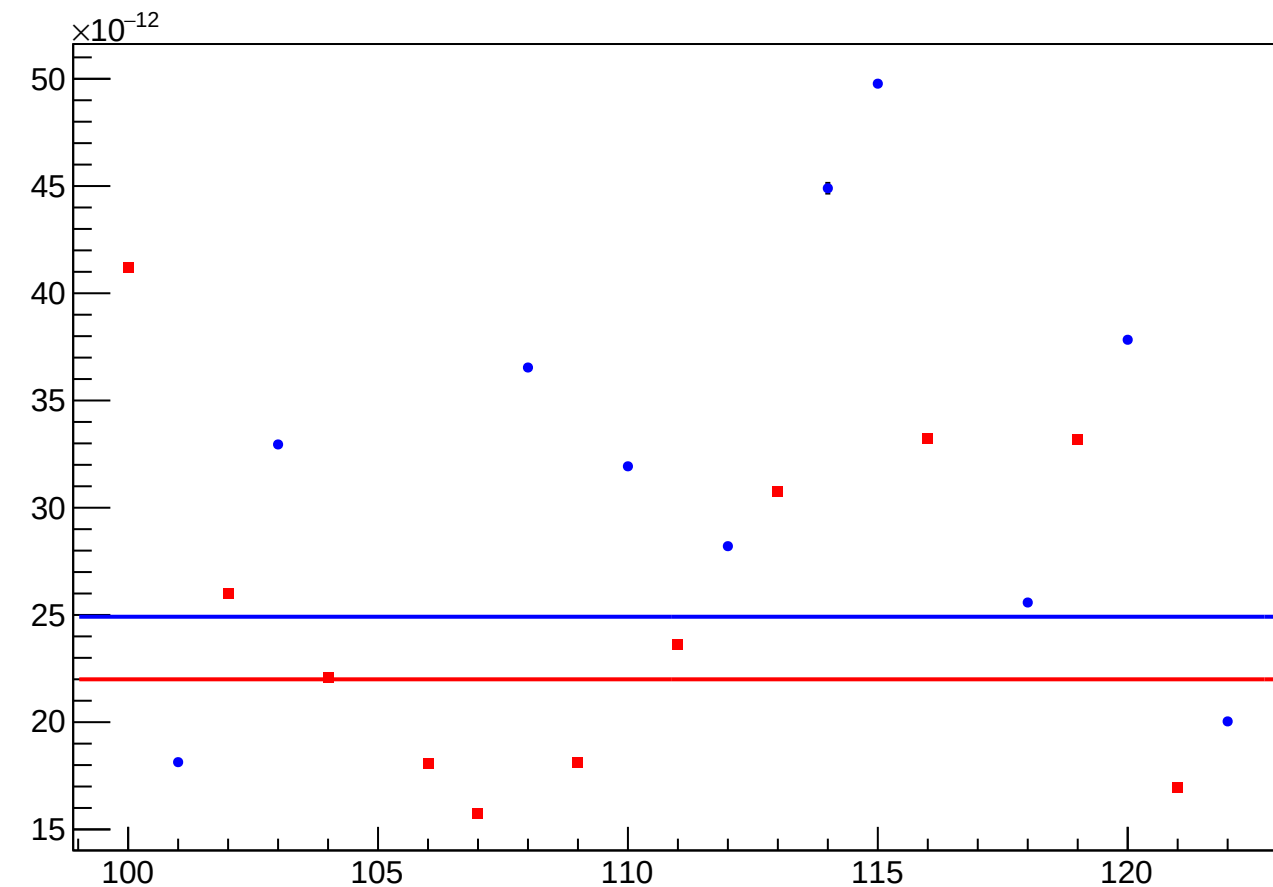
asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 7.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 20.9/20
 In: -0.000+/-0.000 χ^2/NDF : 13.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 20.9/20

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 : 259284.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

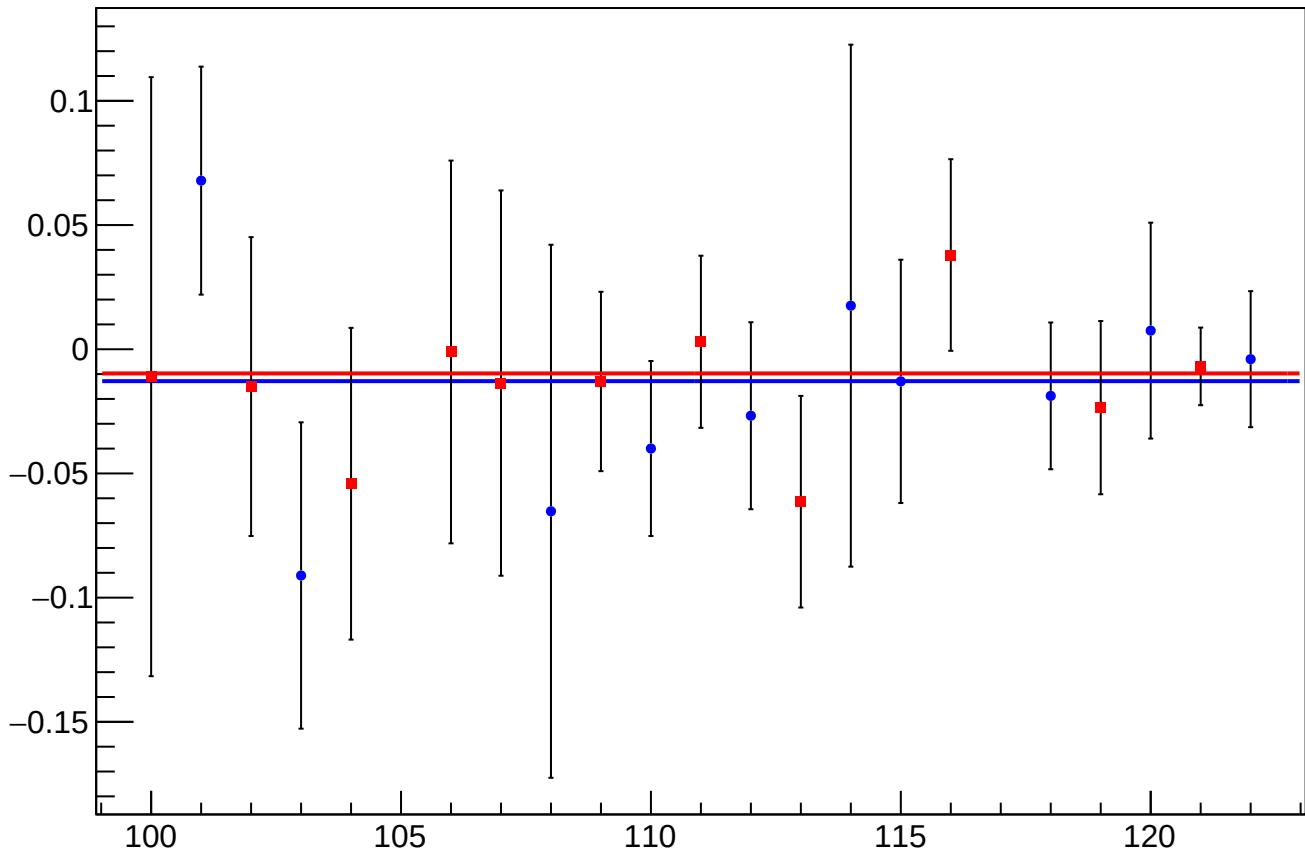
Right: 0.000+/-0.000 χ^2/NDF : 626460.6/20

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 : 626460.6/20

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: -0.010+/-0.011 χ^2/NDF : 3.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

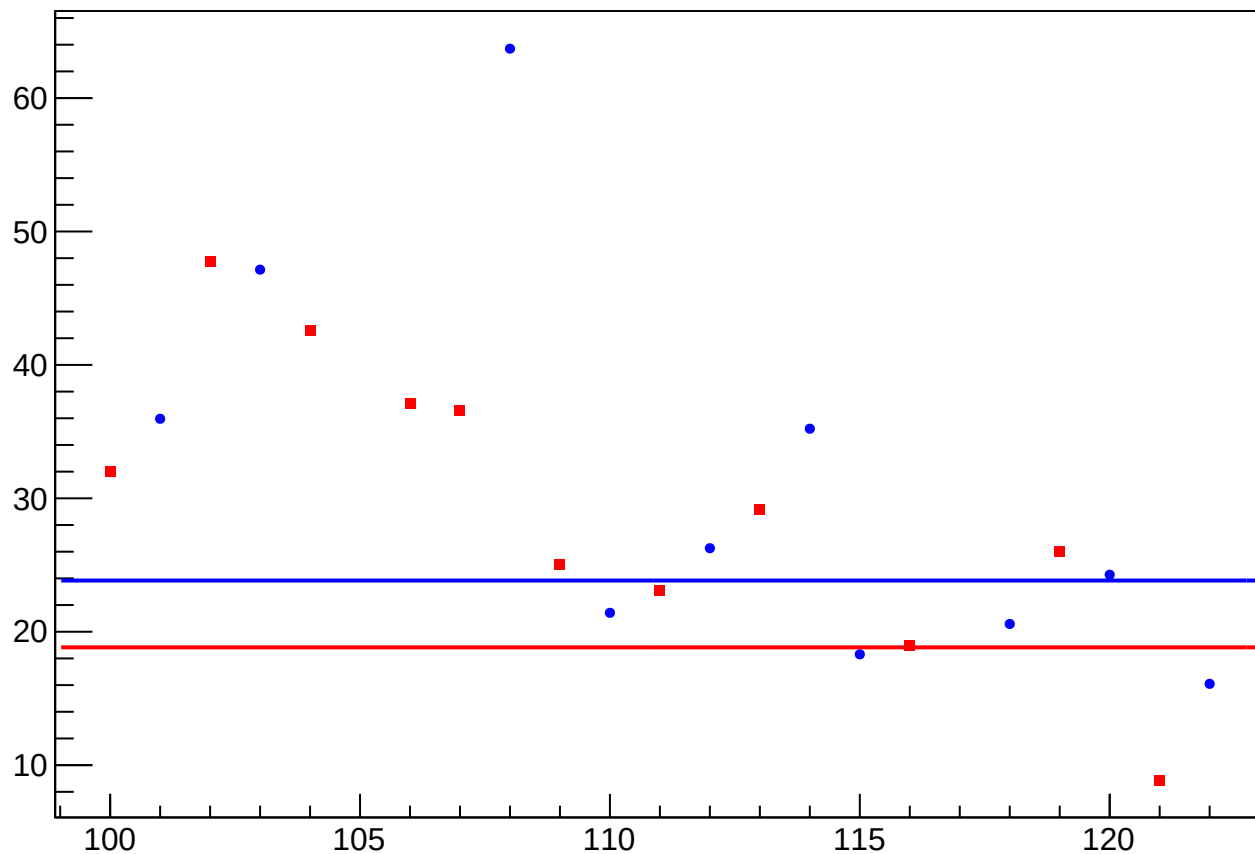
Right: -0.011+/-0.008 χ^2/NDF : 10.0/20

In: -0.013+/-0.013 χ^2/NDF :6.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.011+/-0.008 χ^2/NDF : 10.0/20

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: 18.830+/-0.008 χ^2/NDF : 2099154.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

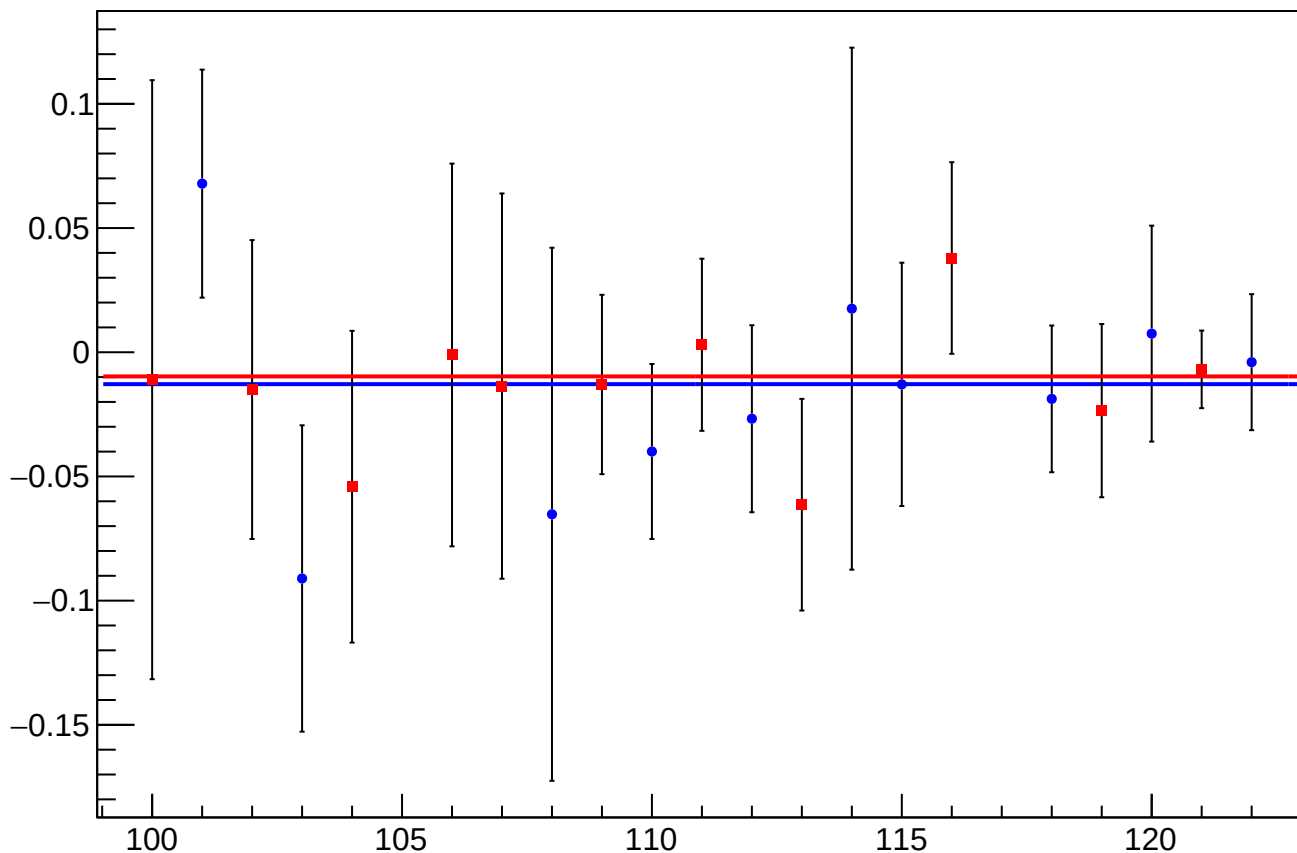
Right: 20.847+/-0.006 χ^2/NDF : 3226801.0/20

In: 23.839+/-0.009 χ^2/NDF : 952263.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.847+/-0.006 χ^2/NDF : 3226801.0/20

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: -0.010+/-0.011 χ^2 /NDF: 3.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

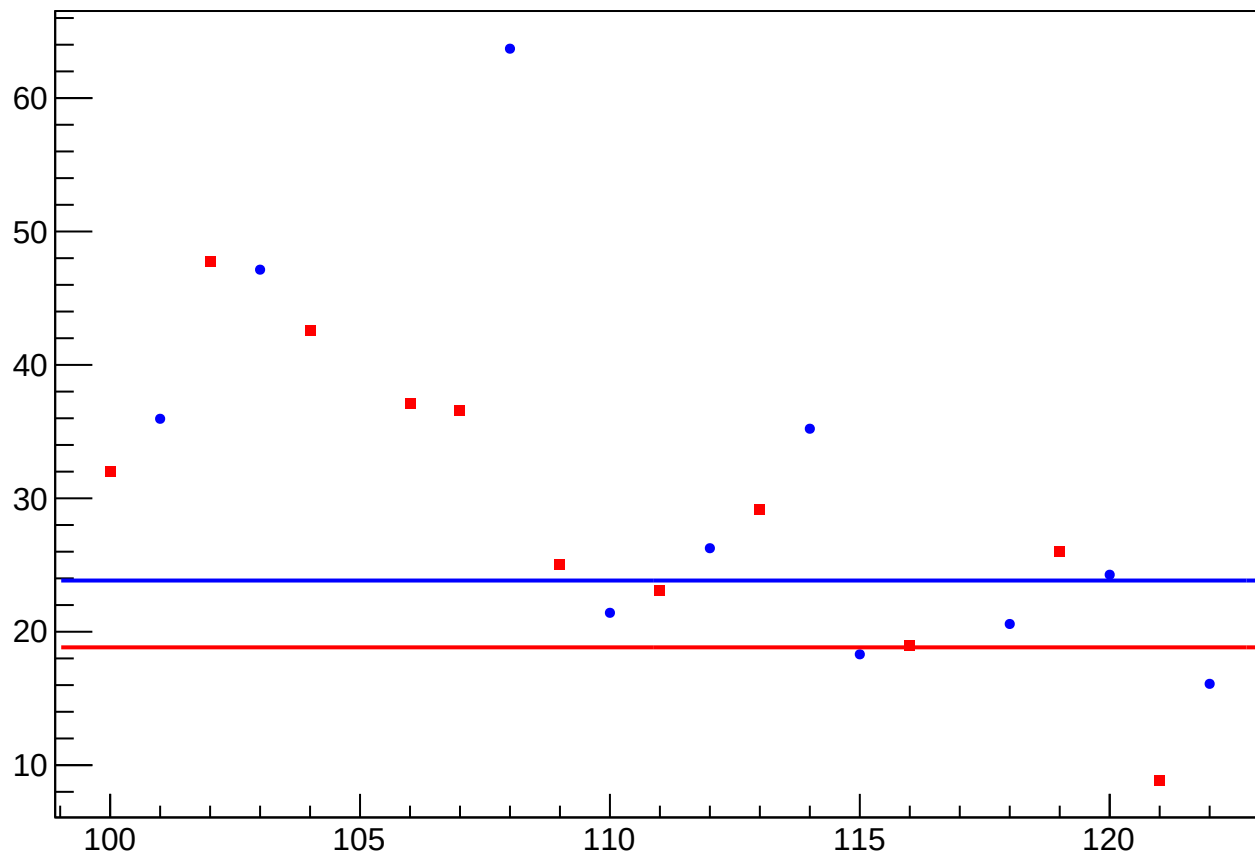
Right: -0.011+/-0.008 χ^2 /NDF: 10.0/20

In: -0.013+/-0.013 χ^2 /NDF:6.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.011+/-0.008 χ^2 /NDF: 10.0/20

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: 18.830+/-0.008 χ^2/NDF : 2099154.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

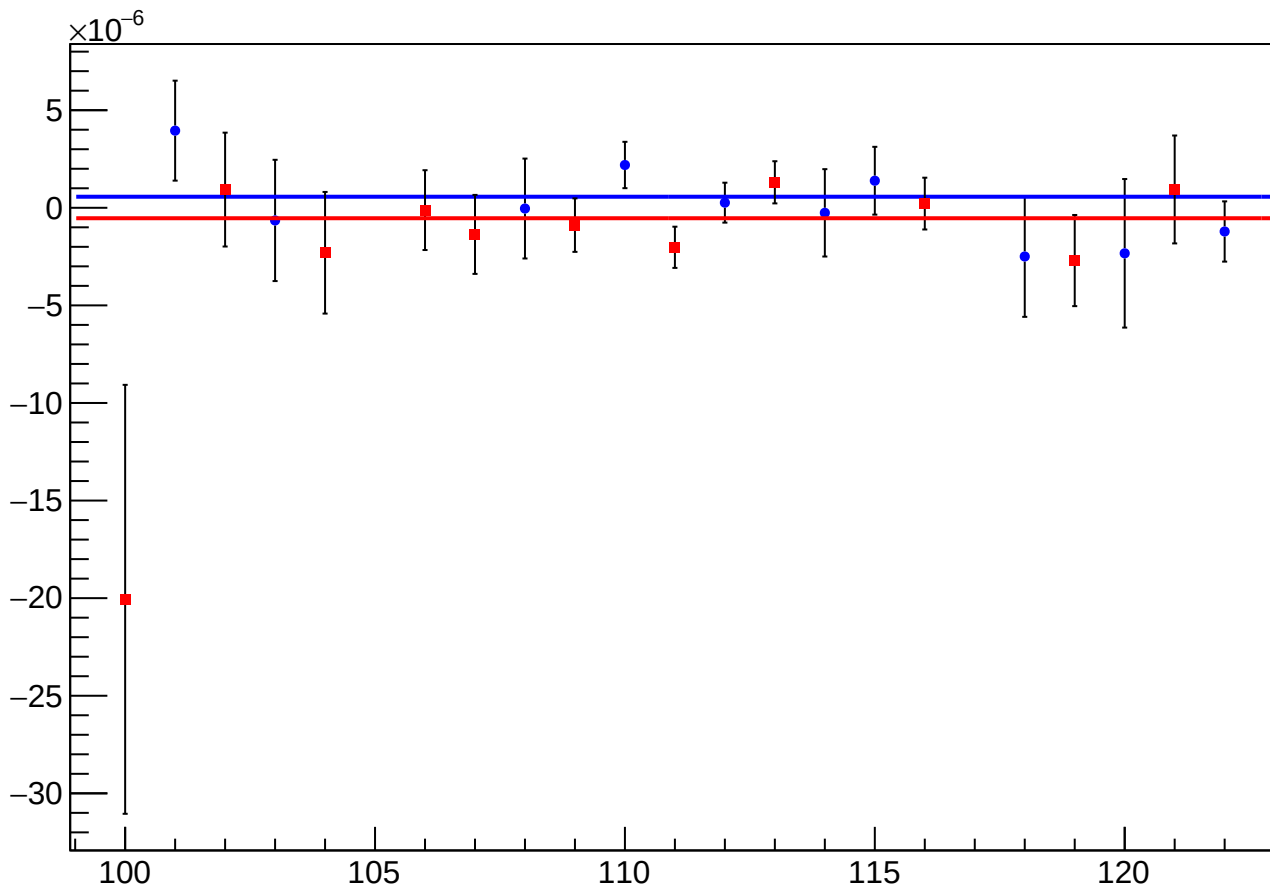
Right: 20.847+/-0.006 χ^2/NDF : 3226801.0/20

In: 23.839+/-0.009 χ^2/NDF : 952263.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.847+/-0.006 χ^2/NDF : 3226801.0/20

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 : 10.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

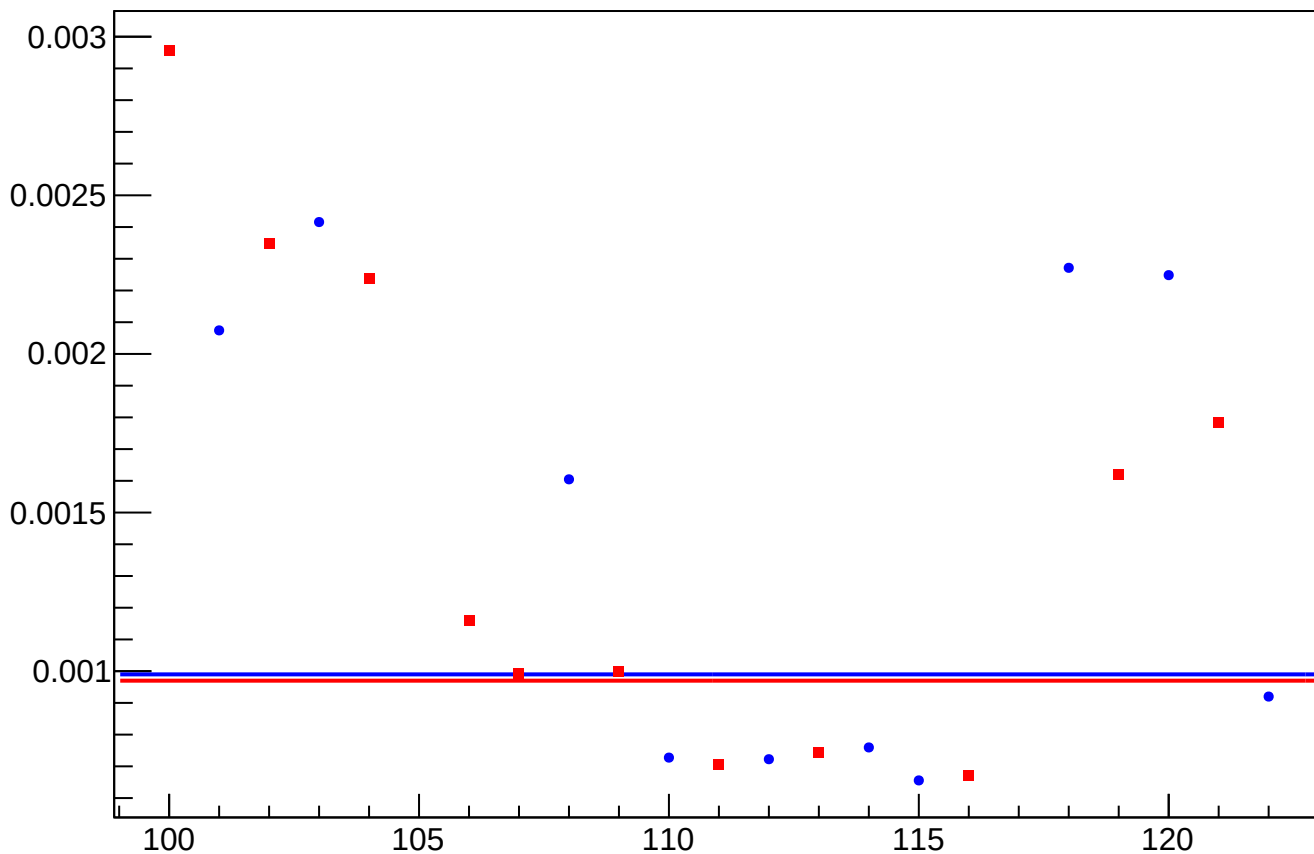
Right: -0.000+/-0.000 χ^2/NDF : 19.7/20

In: 0.000+/-0.000 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.7/20

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 : 1504039.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

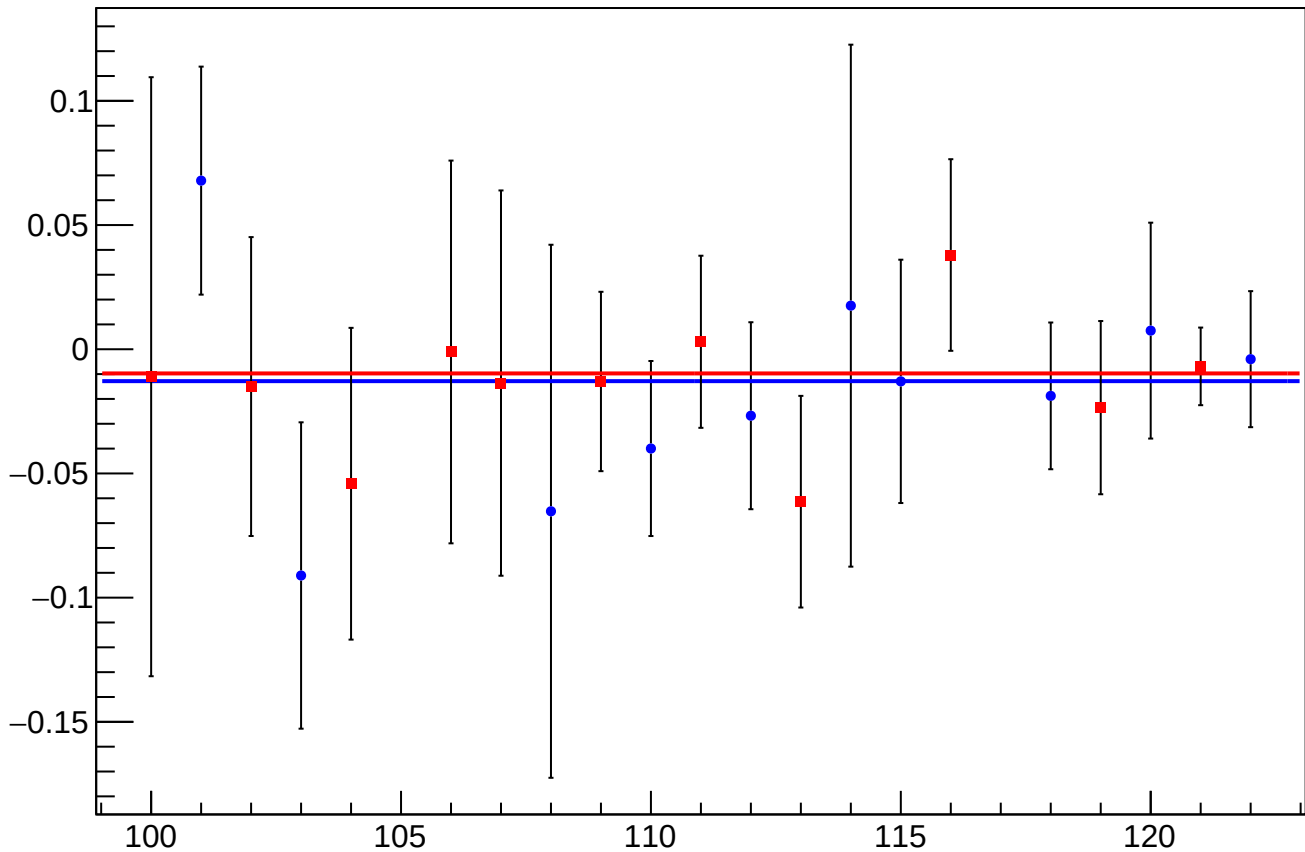
Right: 0.001+/-0.000 χ^2/NDF : 3296651.1/20

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 : 3296651.1/20

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: -0.010+/-0.011 χ^2 /NDF: 3.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

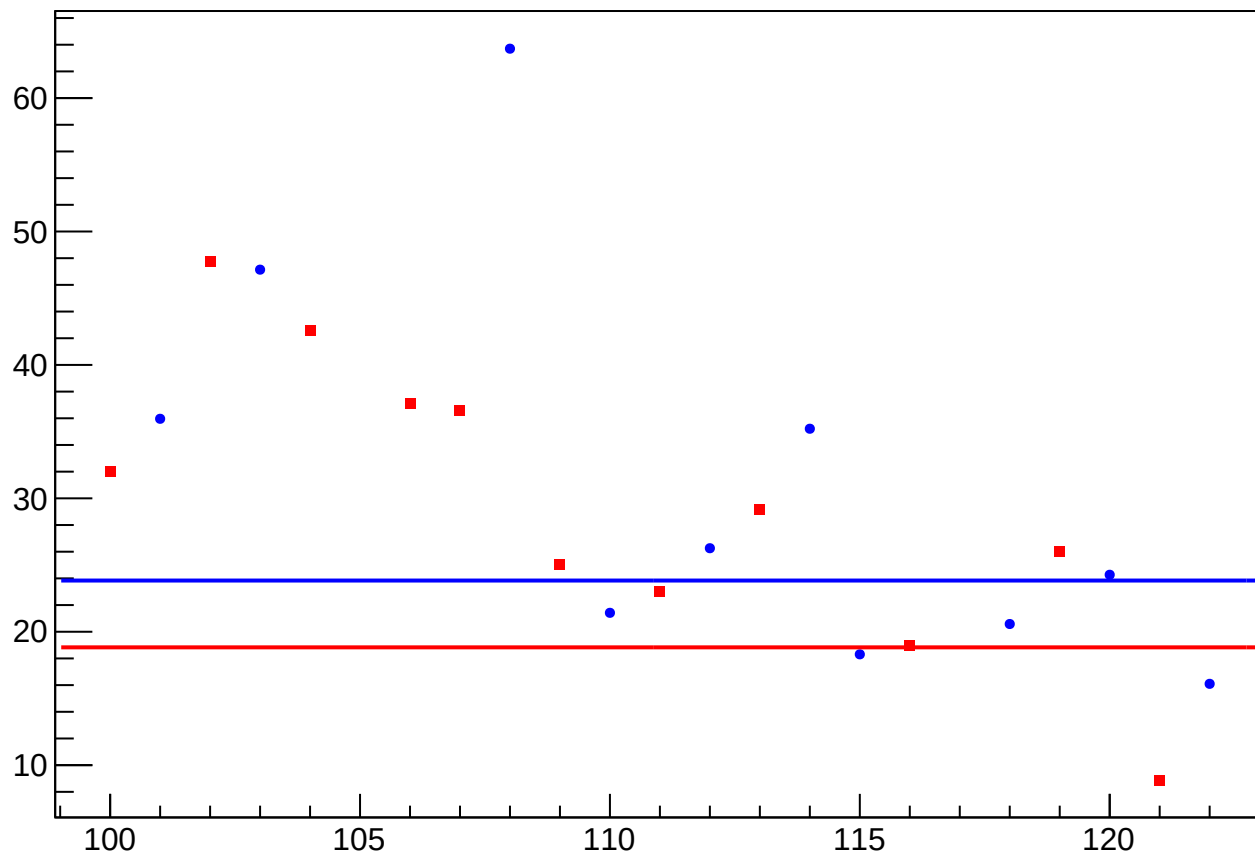
Right: -0.011+/-0.008 χ^2 /NDF: 10.0/20

In: -0.013+/-0.013 χ^2 /NDF:6.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.011+/-0.008 χ^2 /NDF: 10.0/20

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: 18.831+/-0.008 χ^2/NDF : 2098845.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

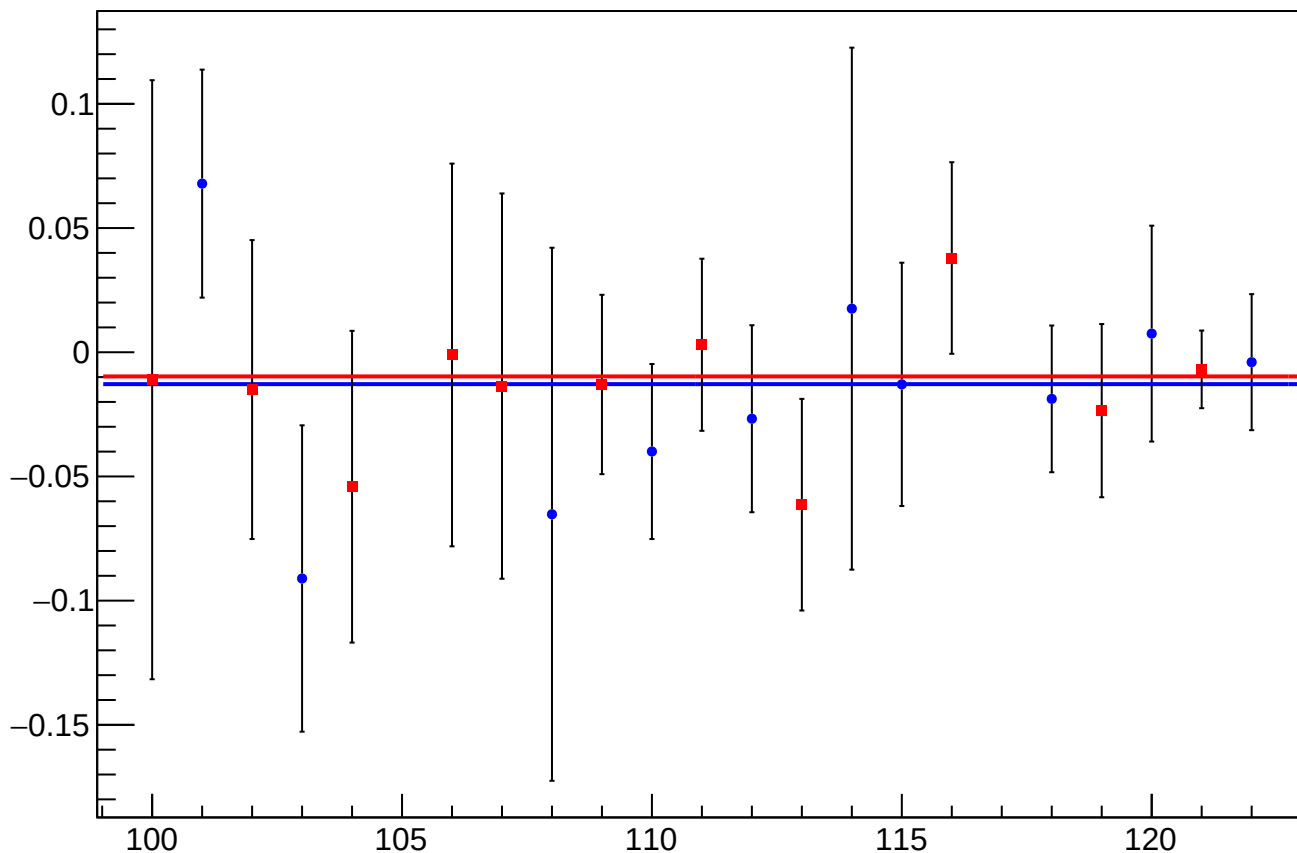
Right: 20.848+/-0.006 χ^2/NDF : 3226387.2/20

In: 23.839+/-0.009 χ^2/NDF : 952240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.848+/-0.006 χ^2/NDF : 3226387.2/20

asym_sam_13_57_dd_eigen_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: -0.010+/-0.011 χ^2/NDF : 3.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

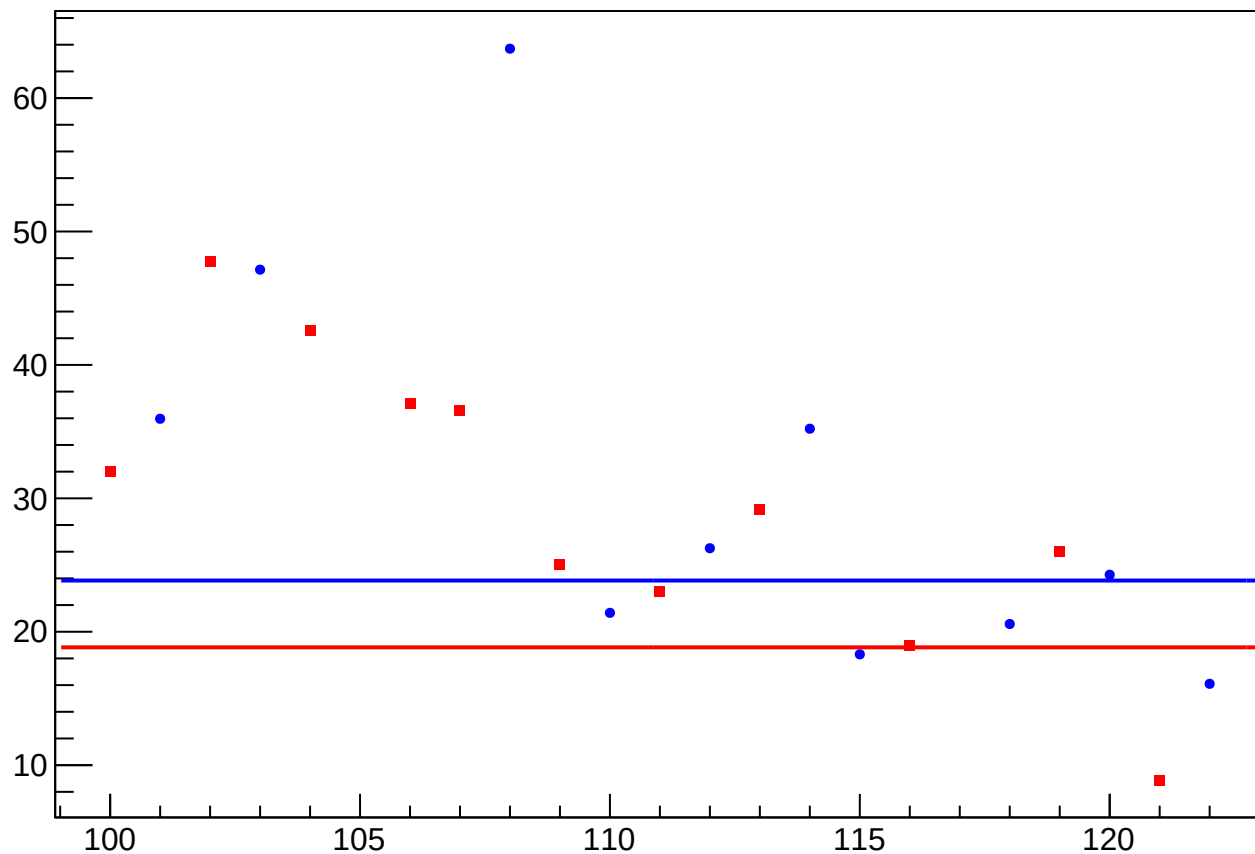
Right: -0.011+/-0.008 χ^2/NDF : 10.0/20

In: -0.013+/-0.013 χ^2/NDF :6.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.011+/-0.008 χ^2/NDF : 10.0/20

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: 18.831+/-0.008 χ^2/NDF : 2098845.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

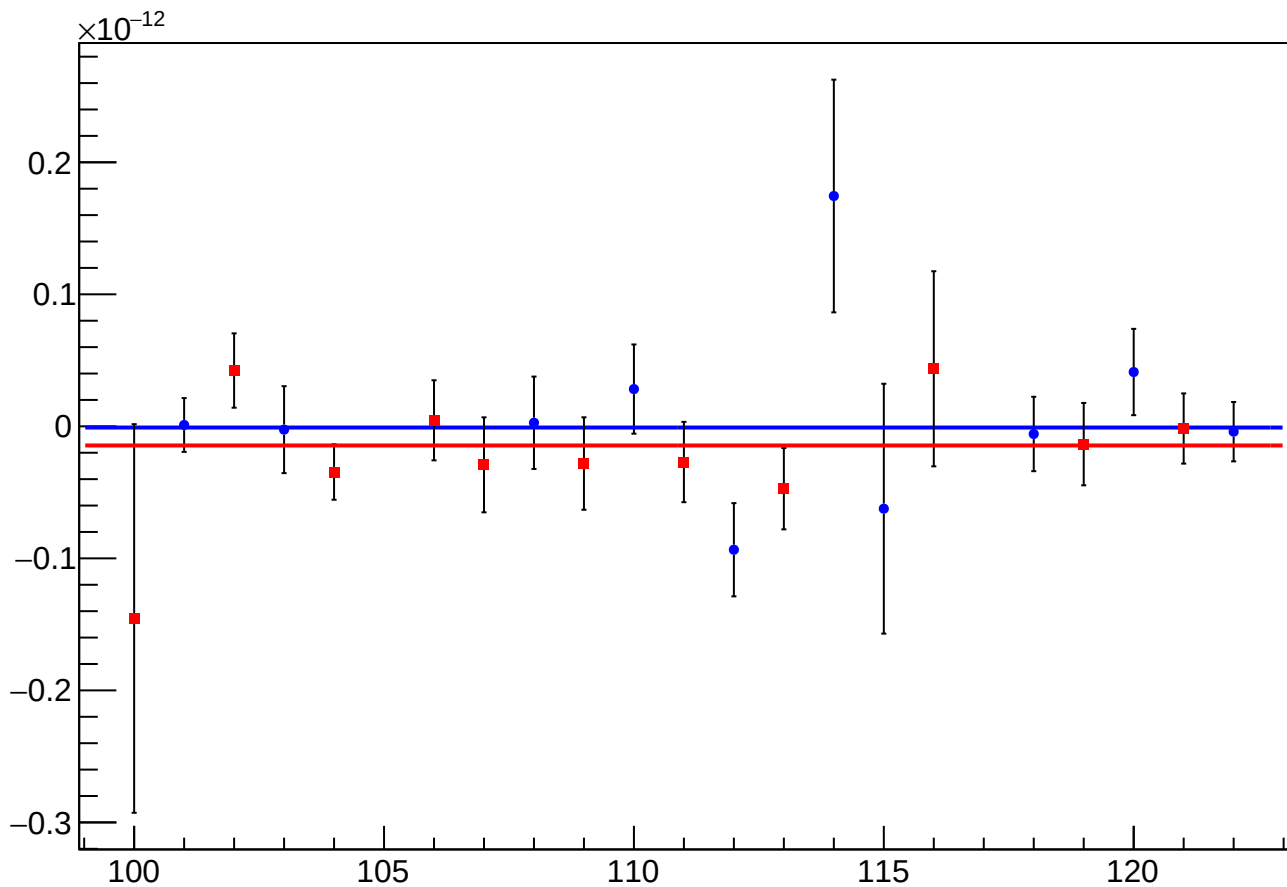
Right: 20.848+/-0.006 χ^2/NDF : 3226387.2/20

In: 23.839+/-0.009 χ^2/NDF : 952240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.848+/-0.006 χ^2/NDF : 3226387.2/20

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

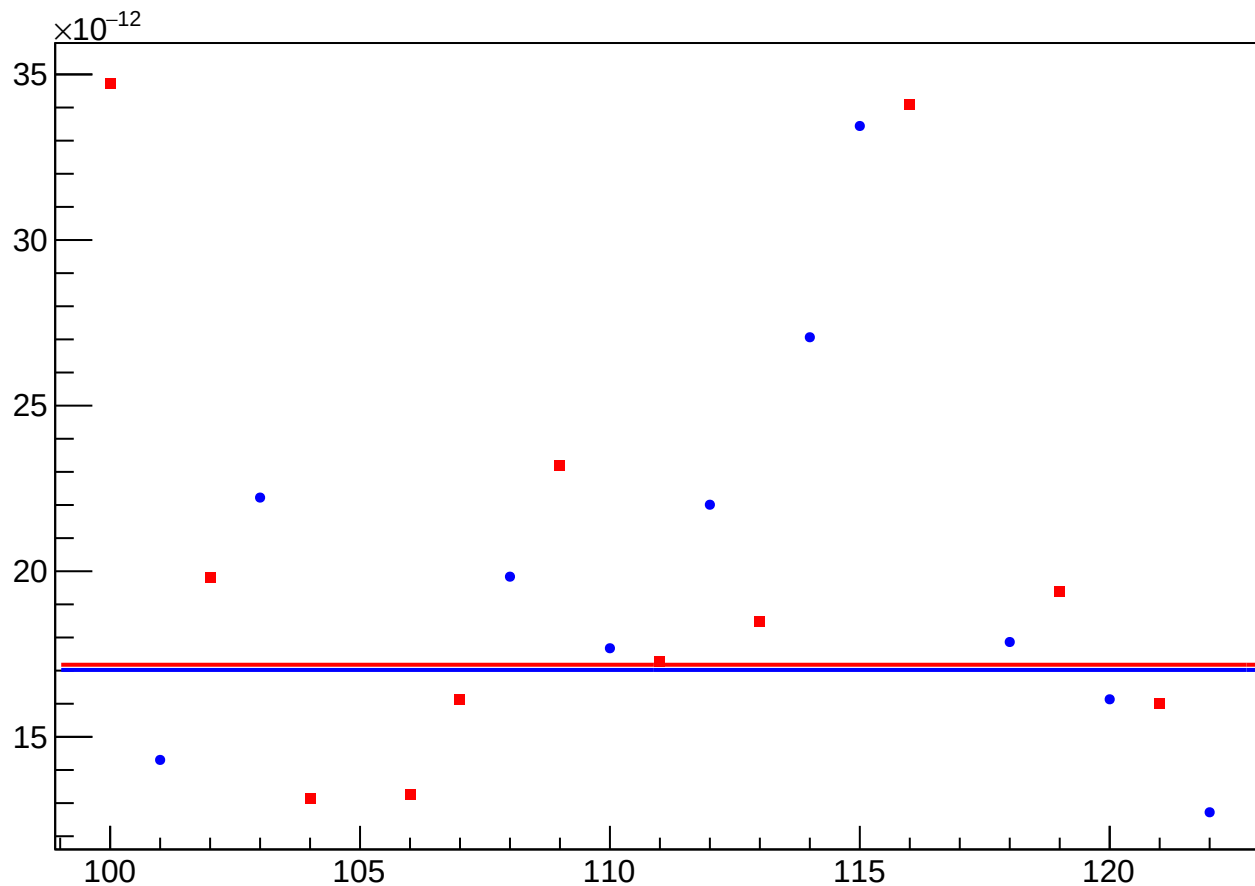
Right: -0.000+/-0.000 χ^2/NDF : 23.3/20

In: -0.000+/-0.000 χ^2/NDF : 13.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.3/20

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 : 336624.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

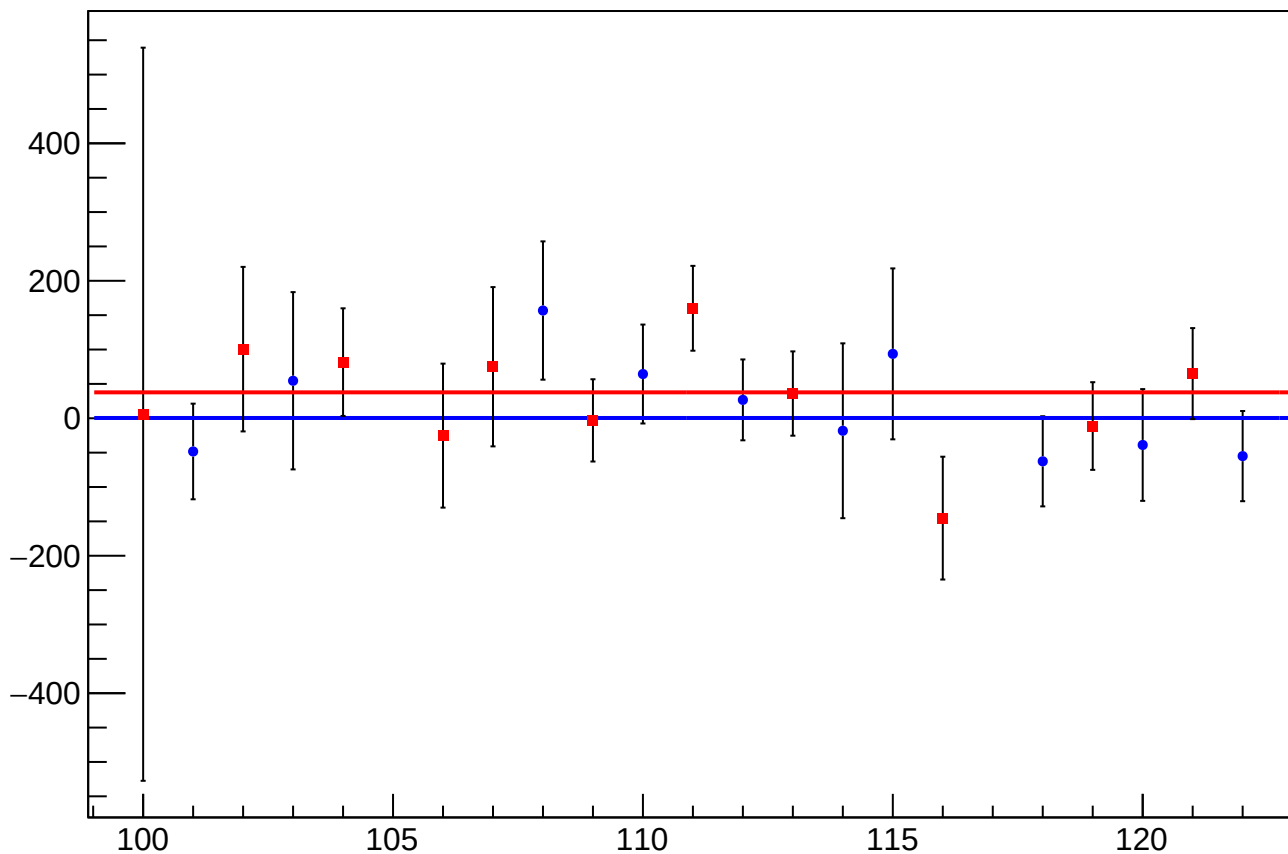
Right: 0.000+/-0.000 χ^2/NDF : 638526.9/20

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 : 638526.9/20

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.418 $\pm$ 25.077 χ^2 /NDF: 6.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.707 $\pm$ 23.510 χ^2 /NDF: 10.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

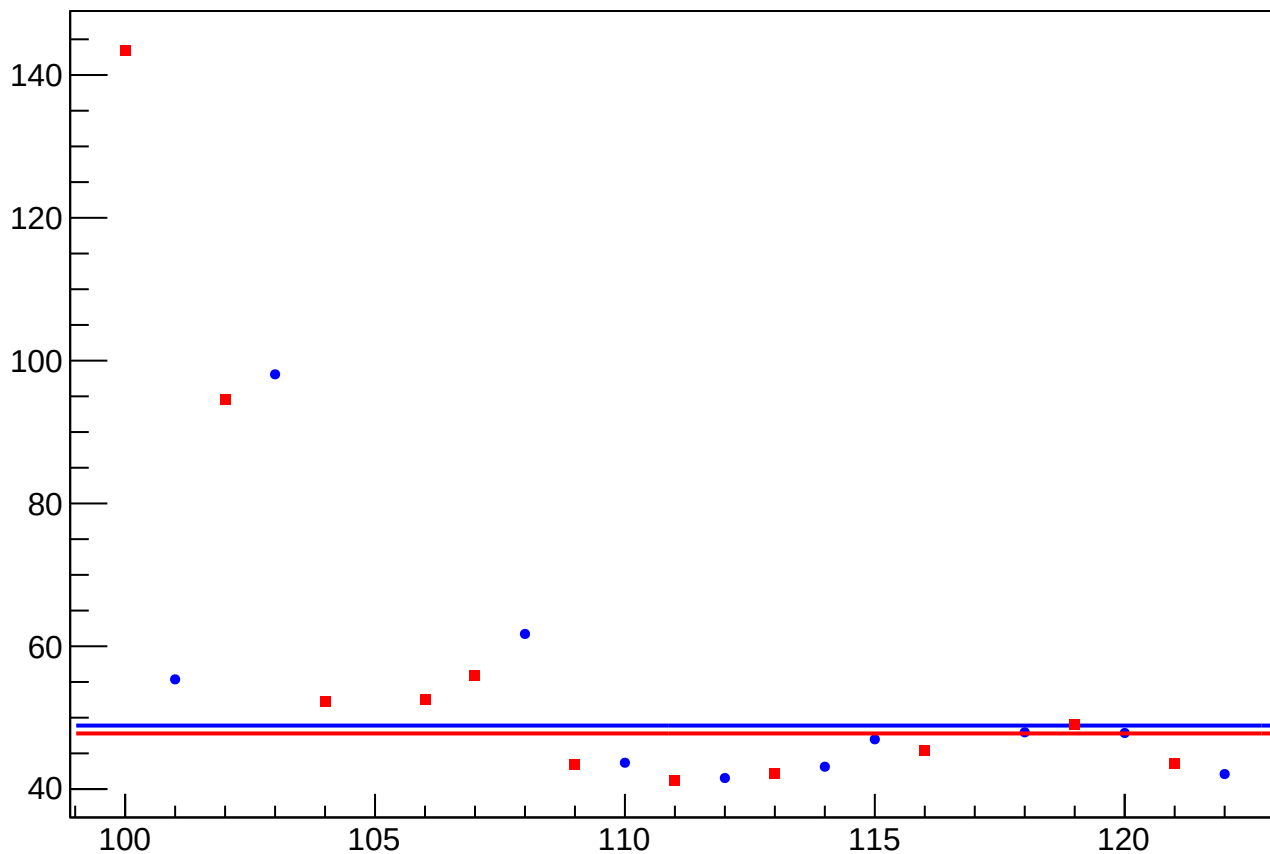
Right: 20.264 $\pm$ 17.151 χ^2 /NDF: 18.1/20

In: 0.418 $\pm$ 25.077 χ^2 /NDF:6.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.264 $\pm$ 17.151 χ^2 /NDF: 18.1/20

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: 47.790+/-0.017 χ^2/NDF : 449742.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

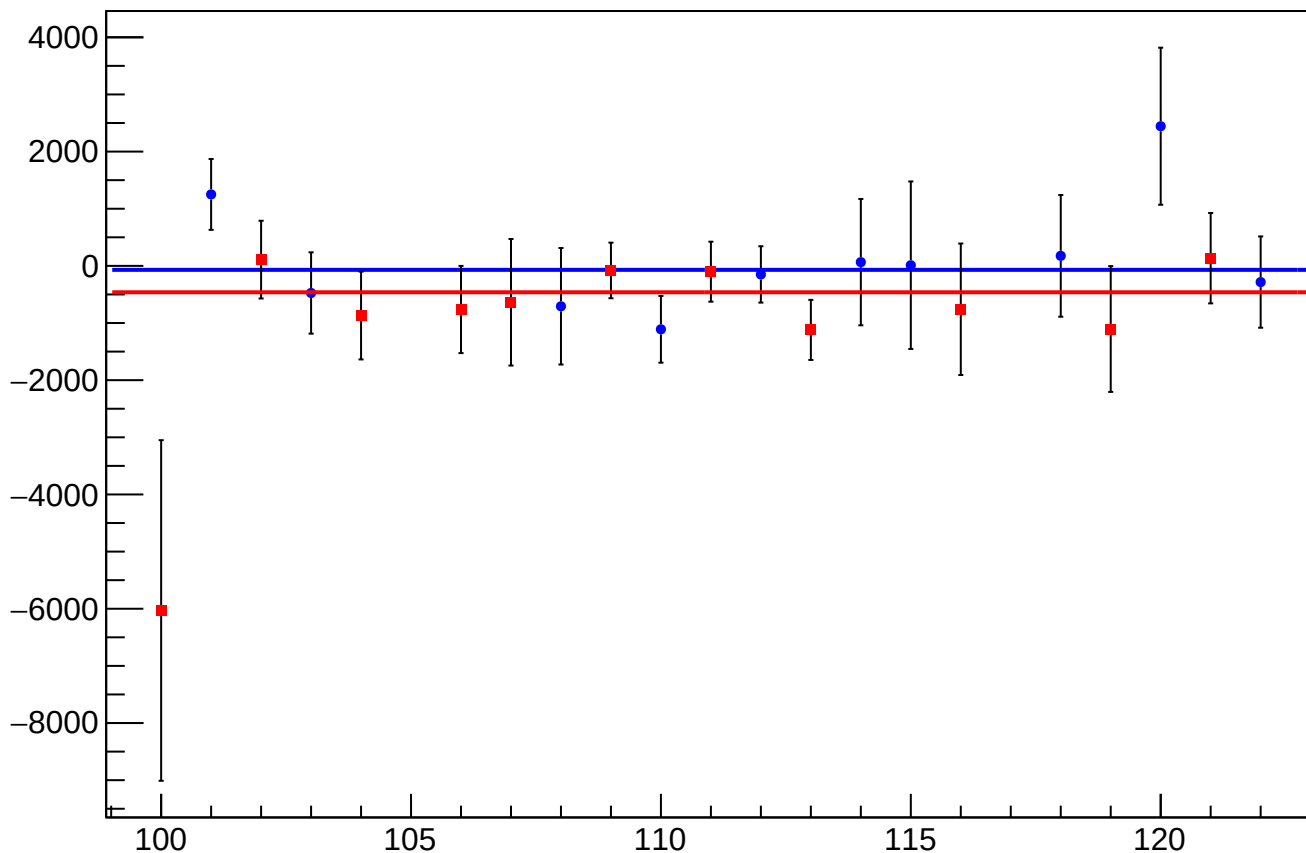
Right: 48.307+/-0.012 χ^2/NDF : 860969.6/20

In: 48.896+/-0.018 χ^2/NDF : 409157.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.307+/-0.012 χ^2/NDF : 860969.6/20

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: -461.884+/-217.397 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

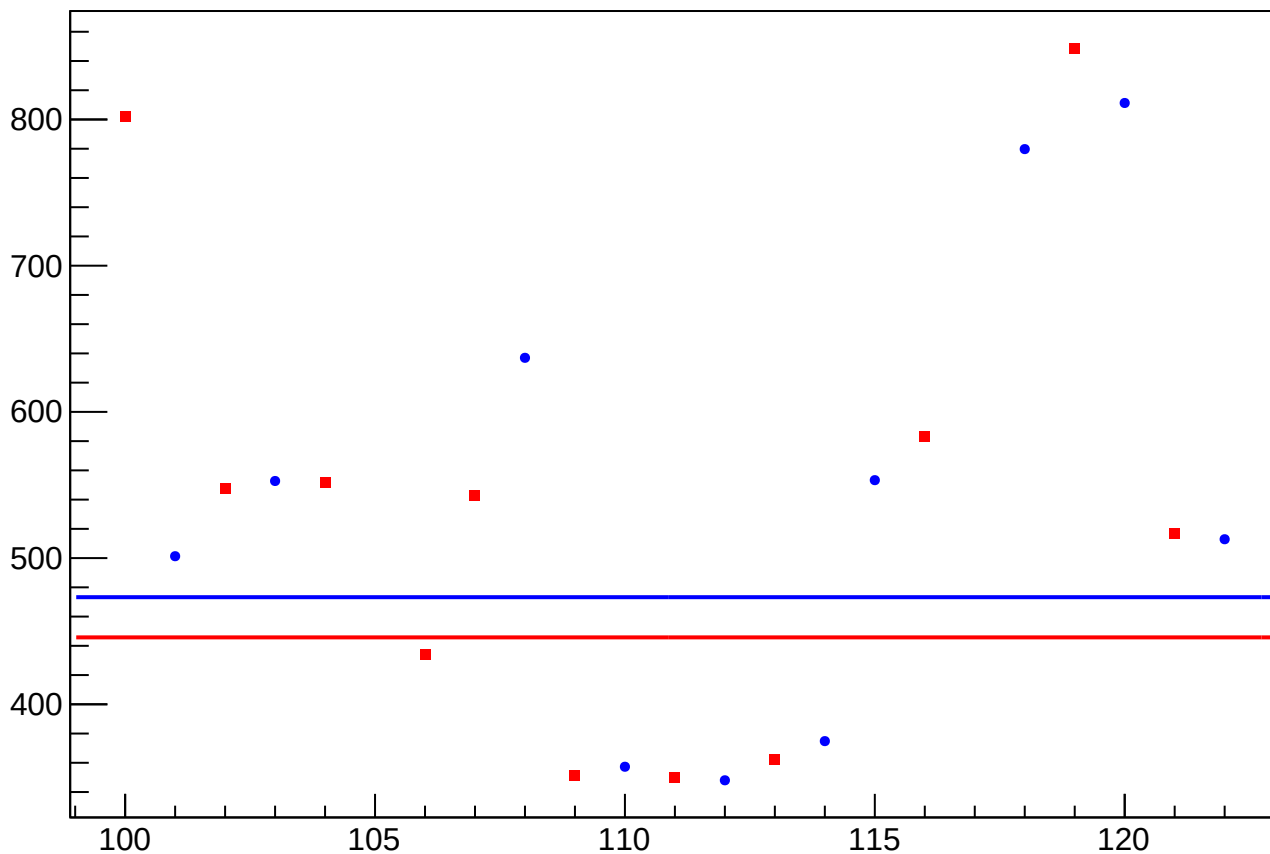
Right: -287.941+/-162.212 χ^2/NDF : 21.7/20

In: -69.457+/-243.646 χ^2/NDF :11.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -287.941+/-162.212 χ^2/NDF : 21.7/20

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: 445.772+/-0.154 χ^2/NDF : 631780.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

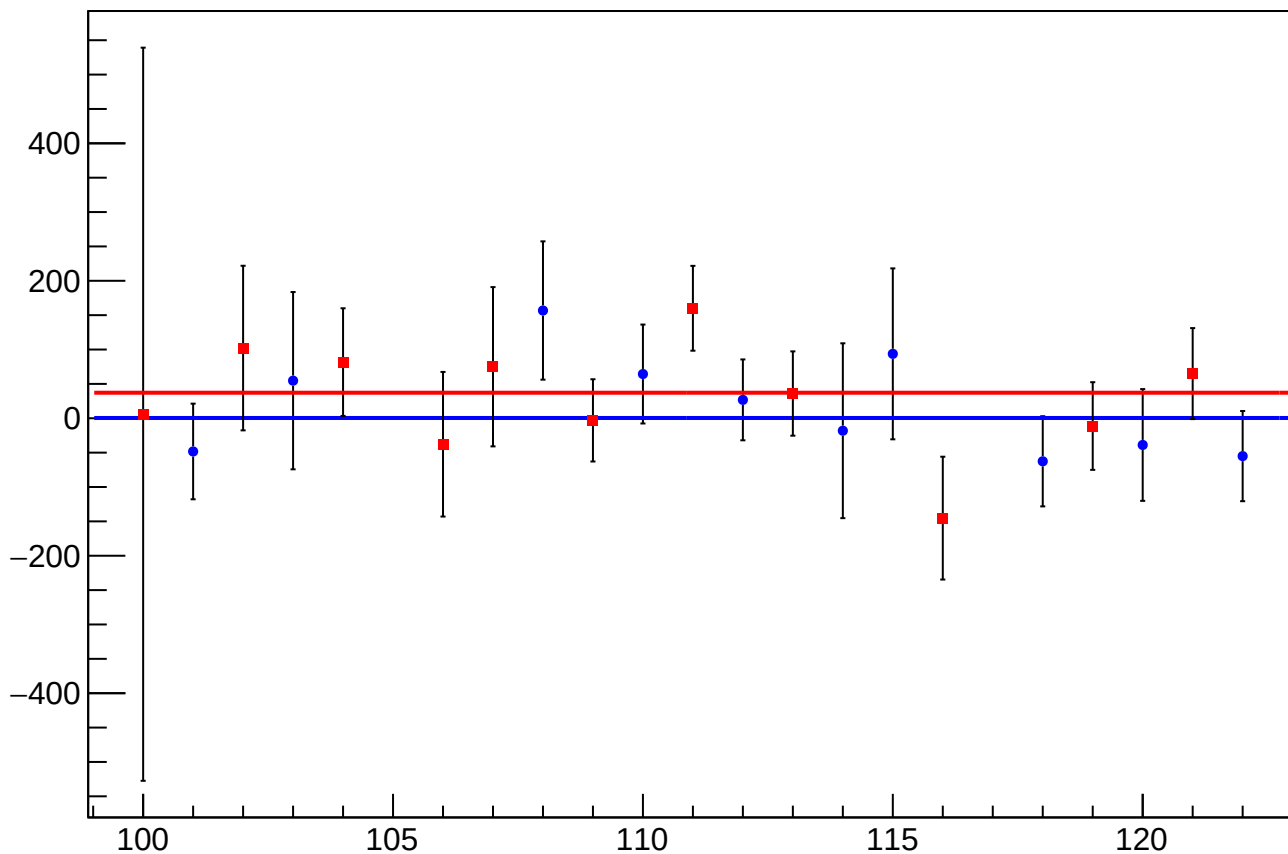
Right: 457.959+/-0.115 χ^2/NDF : 1247815.2/20

In: 473.266+/-0.172 χ^2/NDF : 601855.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.959+/-0.115 χ^2/NDF : 1247815.2/20

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.427 $\pm$ 25.077 χ^2 /NDF: 6.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.171 $\pm$ 23.515 χ^2 /NDF: 10.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

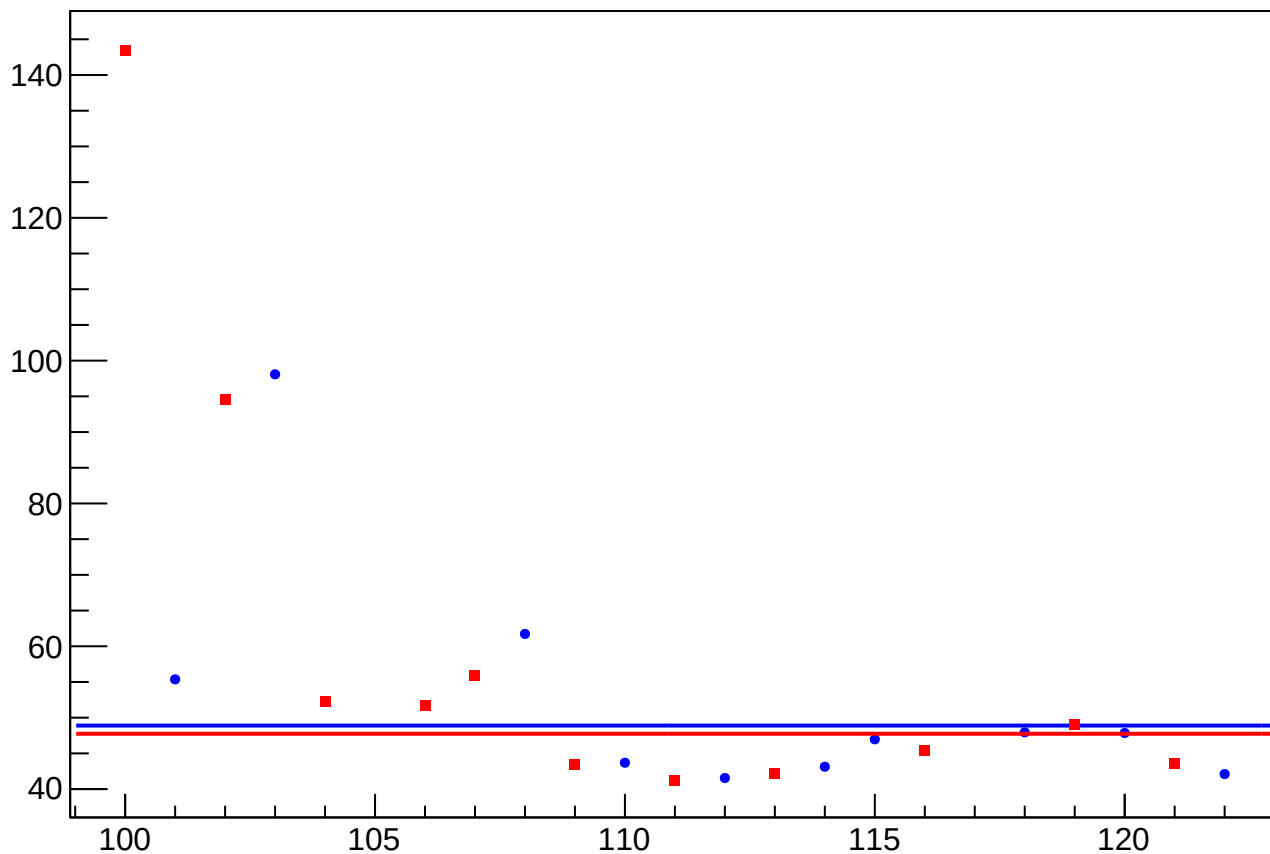
Right: 19.979 $\pm$ 17.154 χ^2 /NDF: 18.2/20

In: 0.427 $\pm$ 25.077 χ^2 /NDF:6.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.979 $\pm$ 17.154 χ^2 /NDF: 18.2/20

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: 47.747+/-0.017 χ^2/NDF : 448662.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

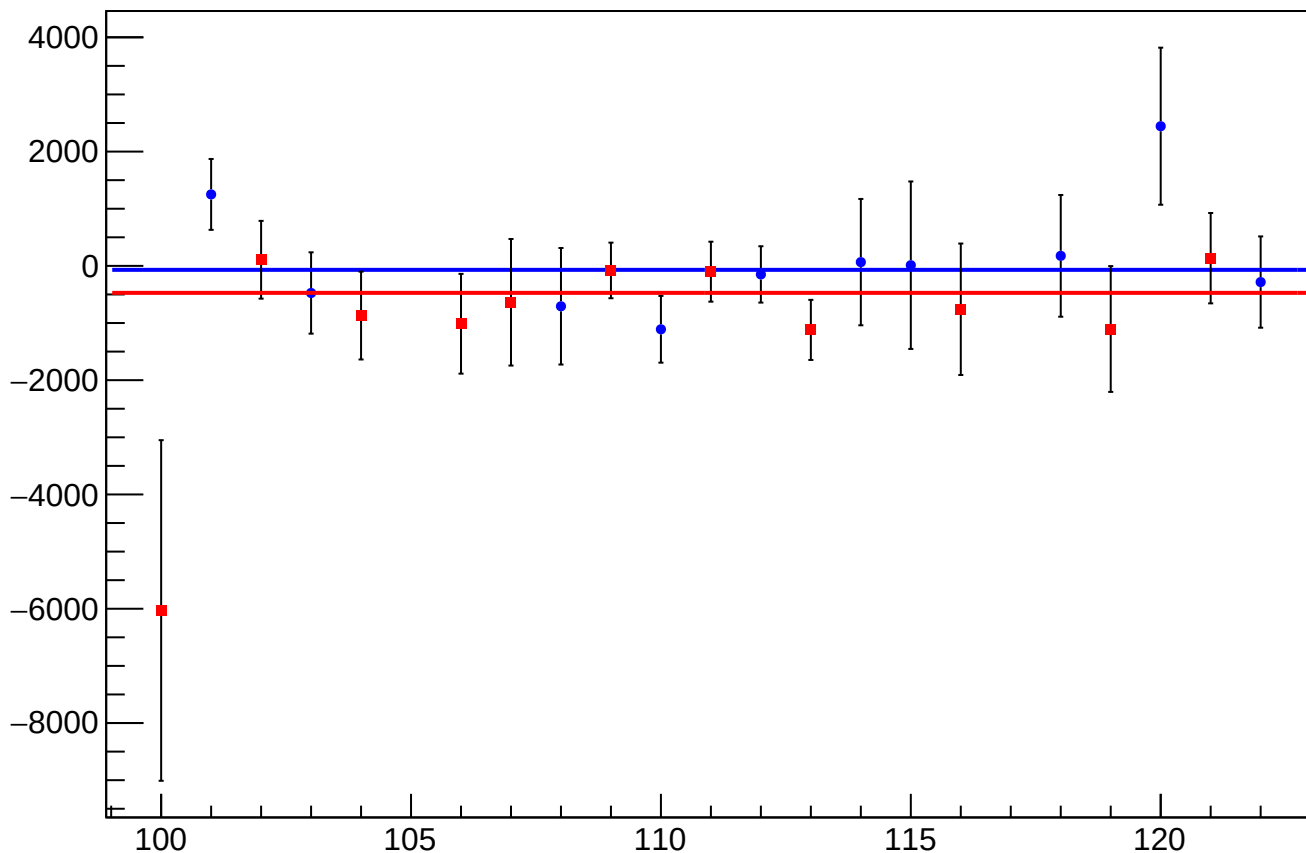
Right: 48.284+/-0.012 χ^2/NDF : 860056.7/20

In: 48.896+/-0.018 χ^2/NDF :409160.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 48.284+/-0.012 χ^2/NDF : 860056.7/20

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: -472.157+/-219.533 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

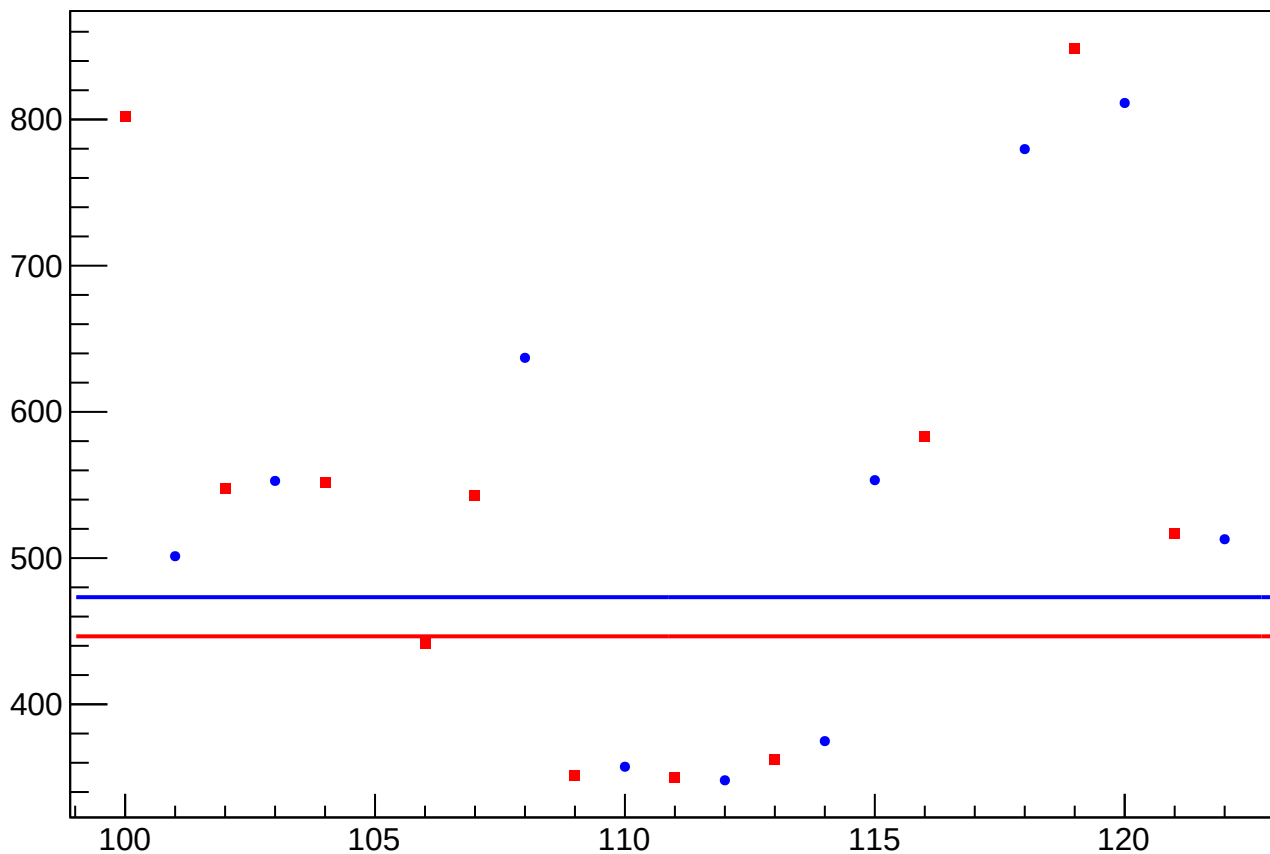
Right: -291.716+/-163.094 χ^2/NDF : 22.0/20

In: -69.455+/-243.649 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -291.716+/-163.094 χ^2/NDF : 22.0/20

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: 446.488+/-0.155 χ^2/NDF : 631630.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

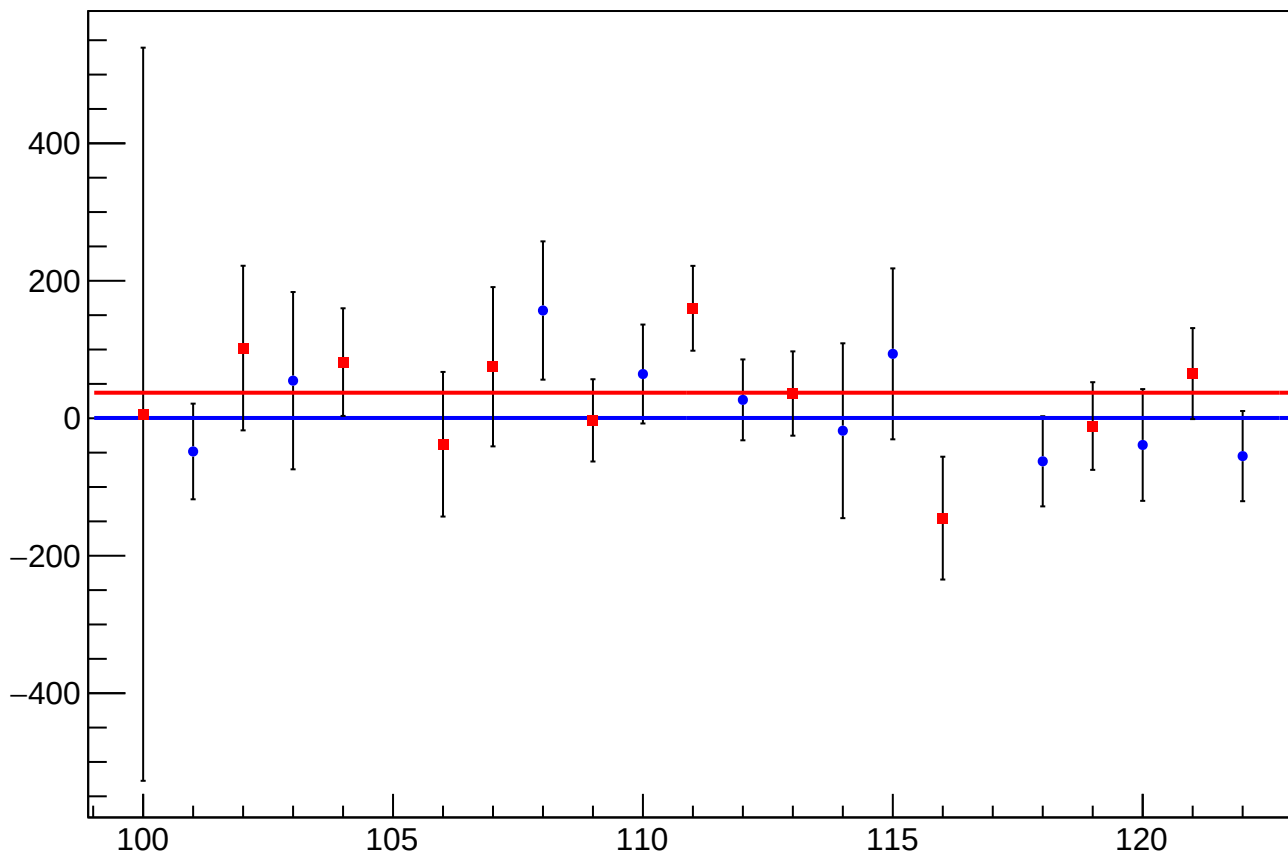
Right: 458.488+/-0.115 χ^2/NDF : 1246854.2/20

In: 473.270+/-0.172 χ^2/NDF : 601886.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.488+/-0.115 χ^2/NDF : 1246854.2/20

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: 37.171+/-23.515 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

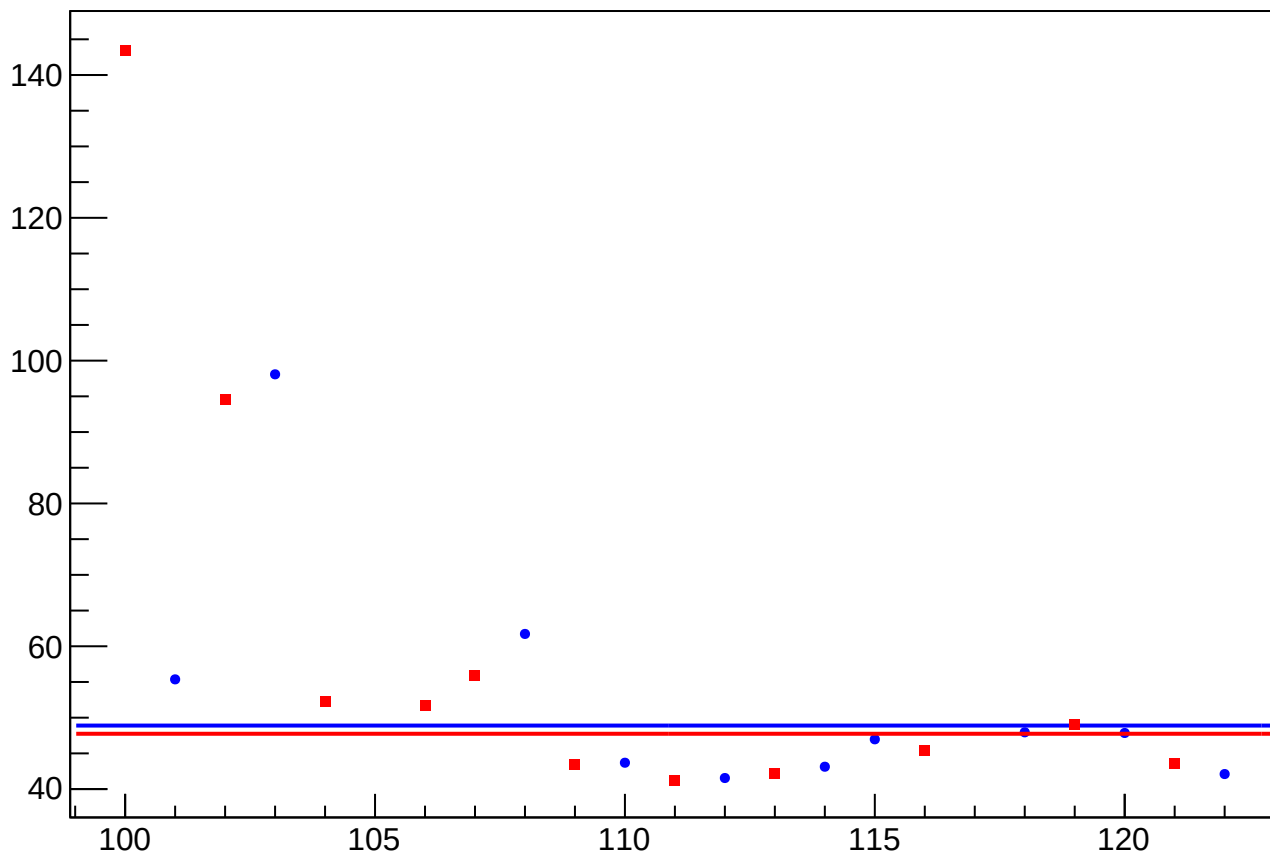
Right: 19.979+/-17.154 χ^2/NDF : 18.2/20

In: 0.427+/-25.077 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.979+/-17.154 χ^2/NDF : 18.2/20

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: 47.747+/-0.017 χ^2/NDF : 448662.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

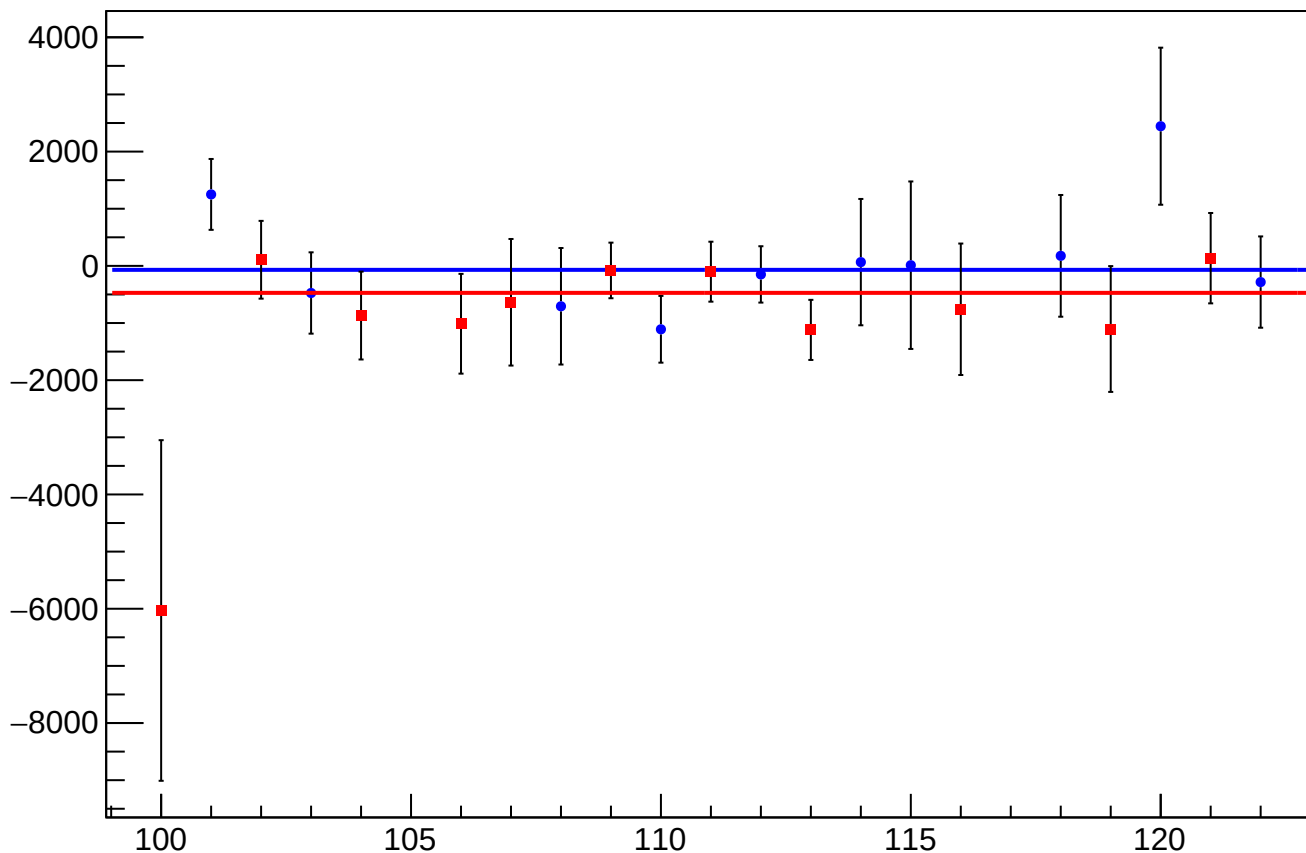
Right: 48.284+/-0.012 χ^2/NDF : 860056.7/20

In: 48.896+/-0.018 χ^2/NDF : 409160.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.284+/-0.012 χ^2/NDF : 860056.7/20

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: -472.157+/-219.533 χ^2/NDF : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

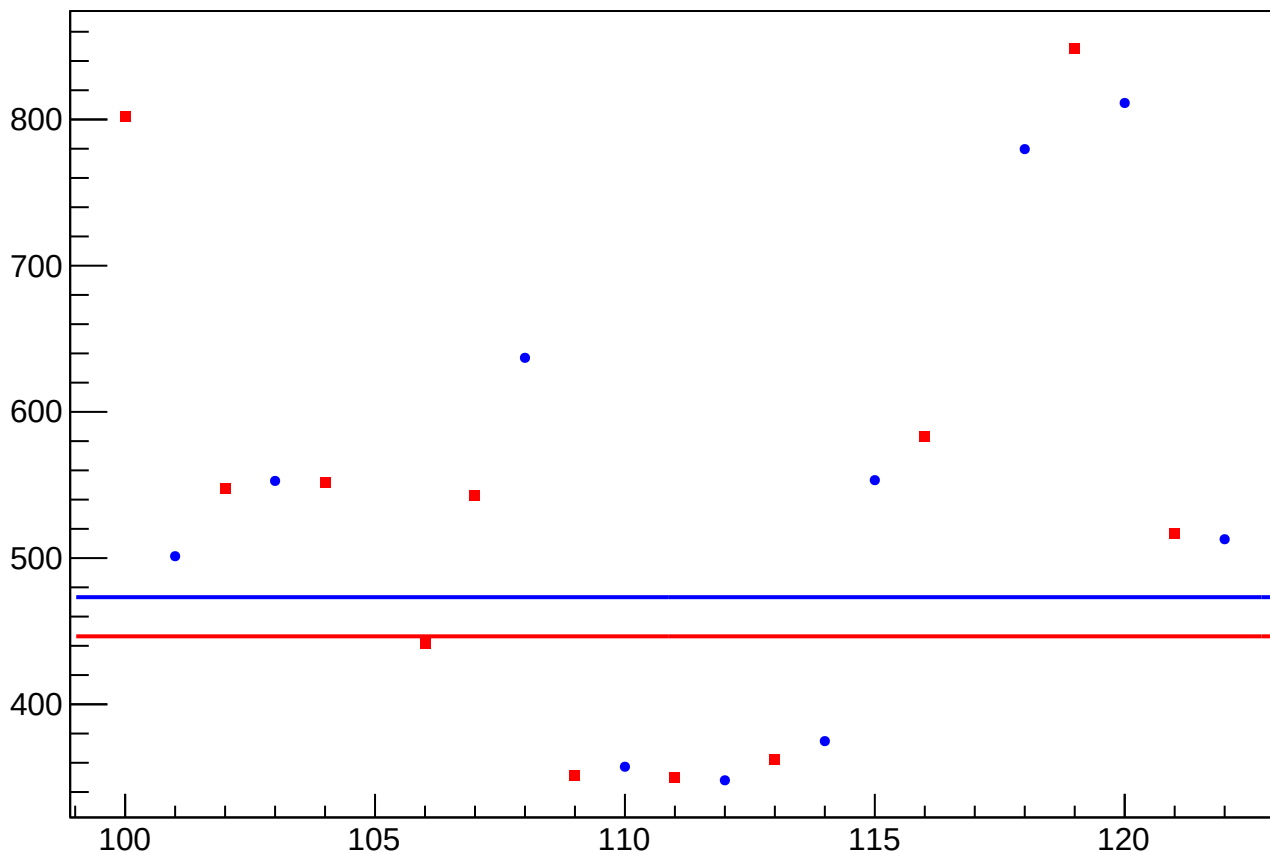
Right: -291.716+/-163.094 χ^2/NDF : 22.0/20

In: -69.455+/-243.649 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -291.716+/-163.094 χ^2/NDF : 22.0/20

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: 446.488+/-0.155 χ^2/NDF : 631630.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

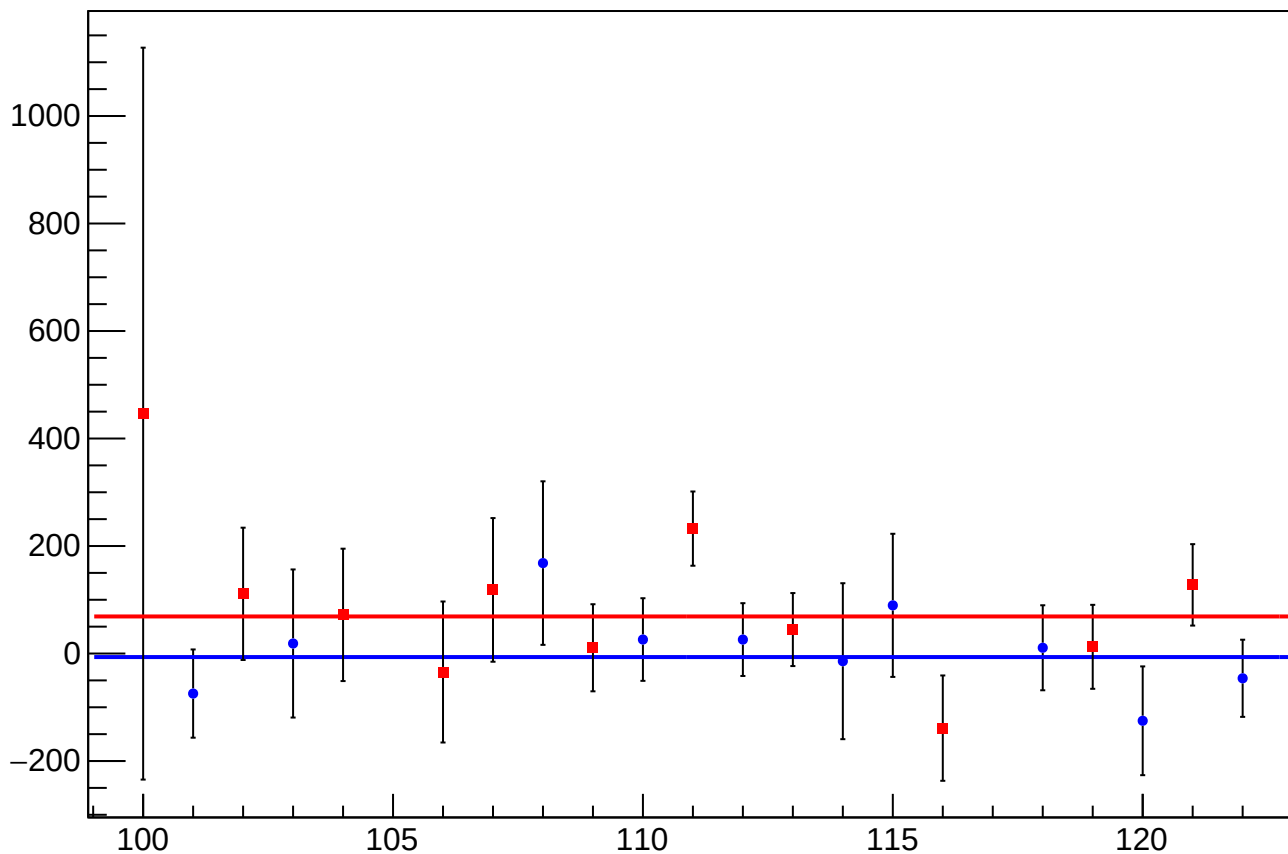
Right: 458.488+/-0.115 χ^2/NDF : 1246854.2/20

In: 473.270+/-0.172 χ^2/NDF : 601886.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.488+/-0.115 χ^2/NDF : 1246854.2/20

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: 68.956 ± 28.066 χ^2/NDF : 13.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

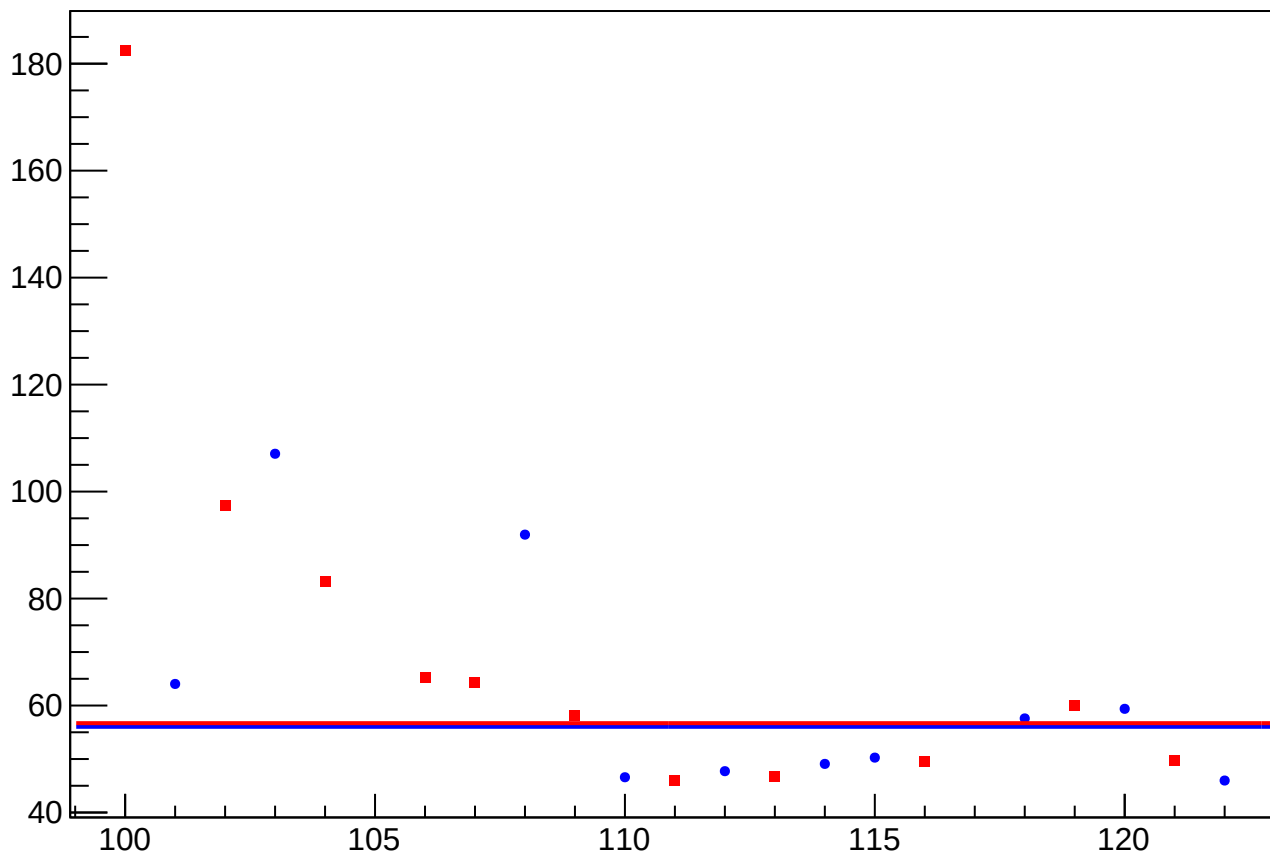
Right: 32.446 ± 20.175 χ^2/NDF : 21.3/20

In: -6.590 ± 29.021 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 32.446 ± 20.175 χ^2/NDF : 21.3/20

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: 56.704+/-0.020 χ^2/NDF : 517950.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

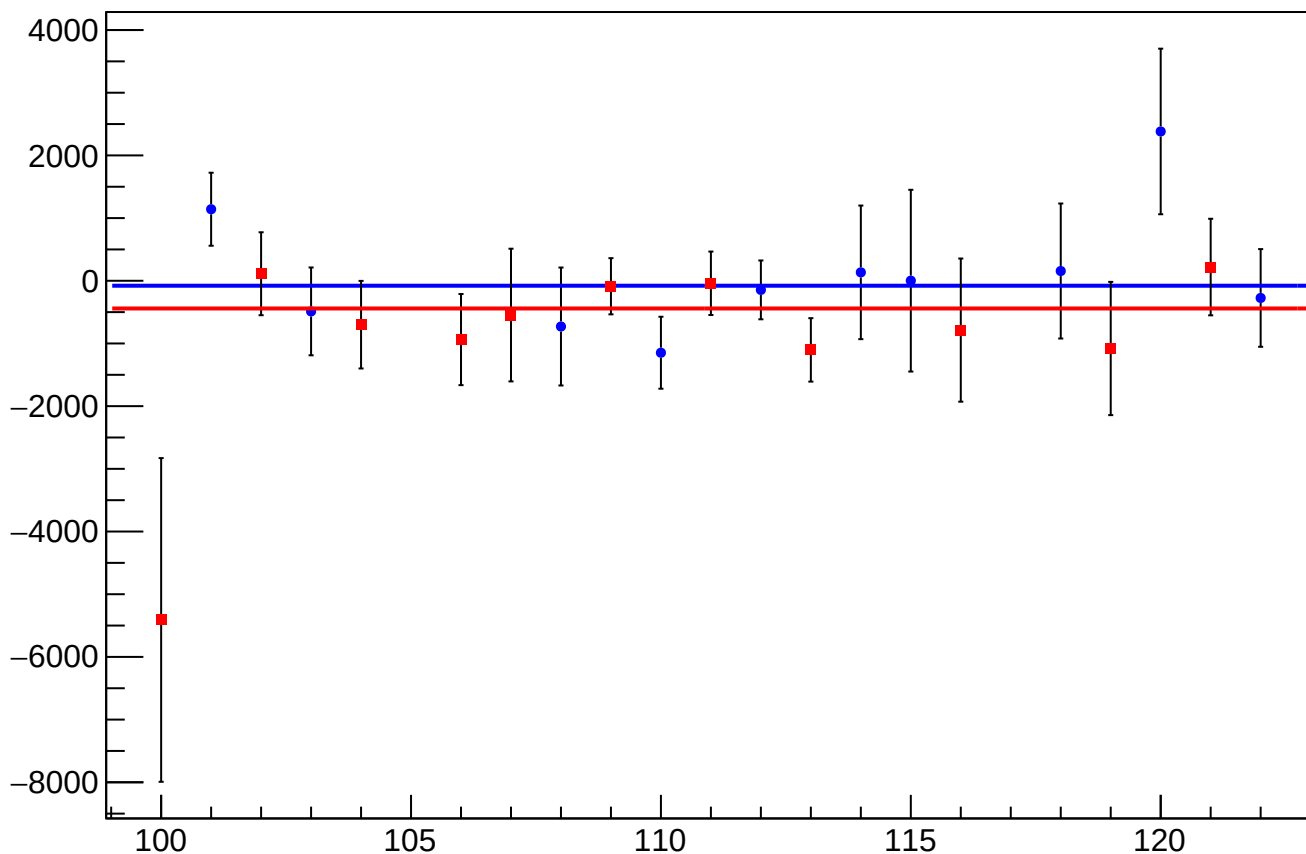
Right: 56.375+/-0.014 χ^2/NDF : 1034339.8/20

In: 56.024+/-0.021 χ^2/NDF : 515822.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.375+/-0.014 χ^2/NDF : 1034339.8/20

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: -441.938+/-206.740 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

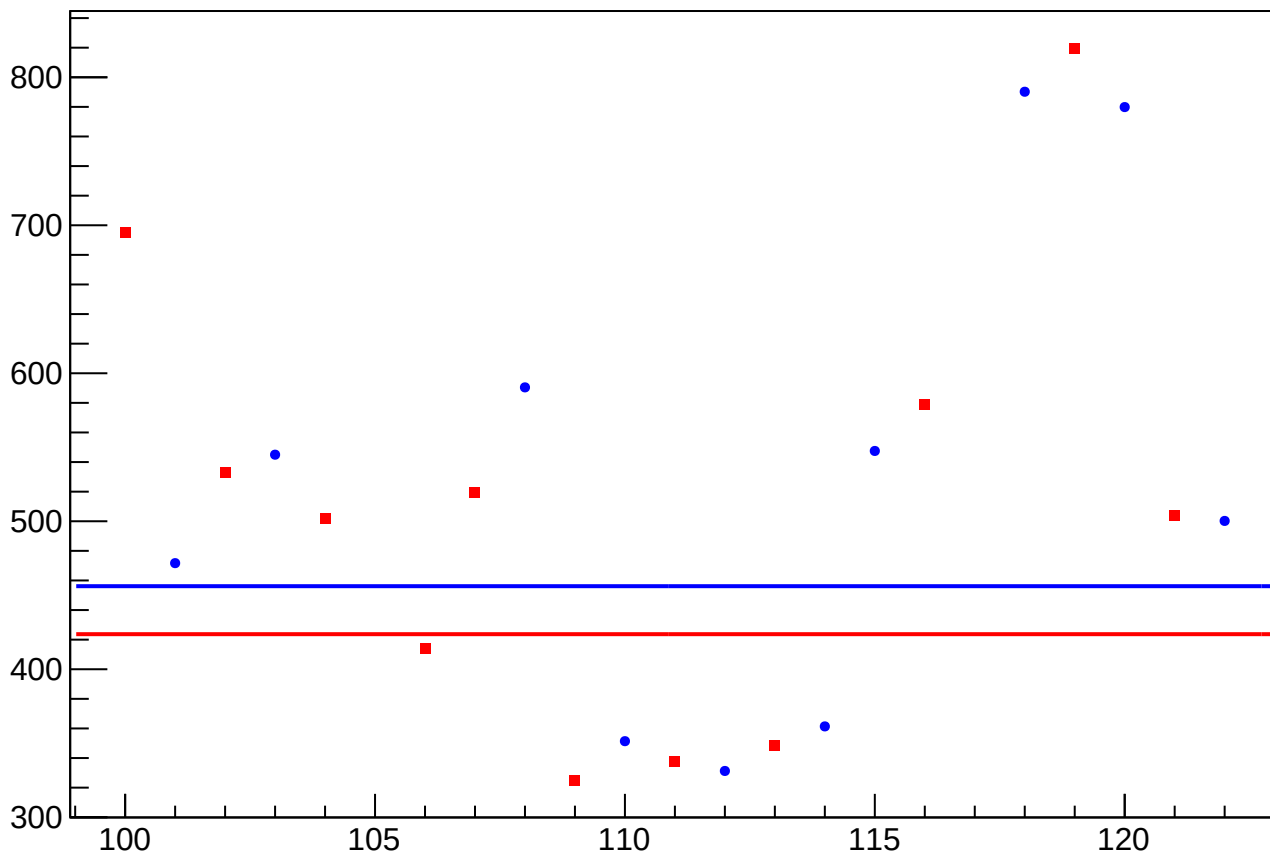
Right: -283.410+/-155.172 χ^2/NDF : 22.8/20

In: -78.885+/-234.826 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -283.410+/-155.172 χ^2/NDF : 22.8/20

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: 423.698+/-0.146 χ^2/NDF : 652837.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

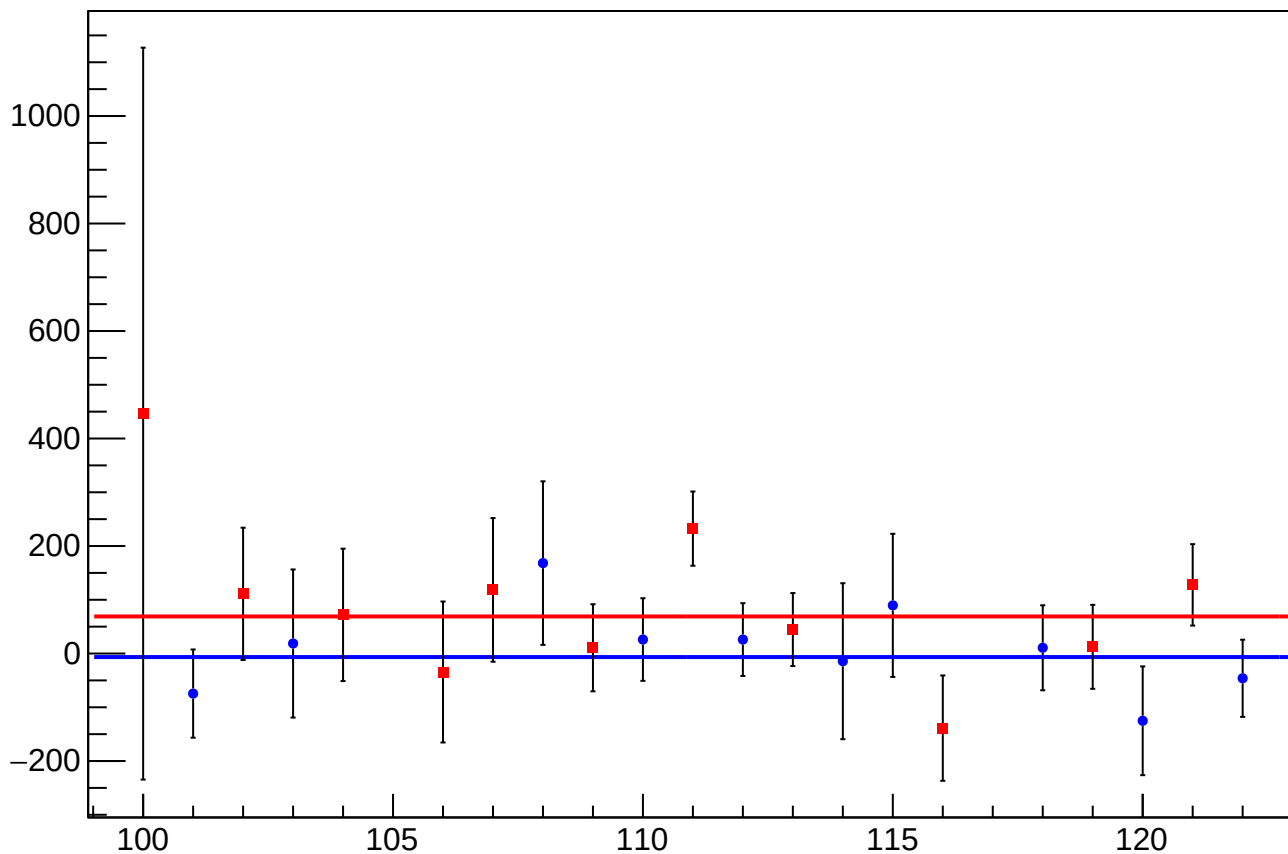
Right: 437.858+/-0.110 χ^2/NDF : 1299834.7/20

In: 456.126+/-0.166 χ^2/NDF : 625511.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.858+/-0.110 χ^2/NDF : 1299834.7/20

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: 68.957+/-28.066 χ^2/NDF : 13.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

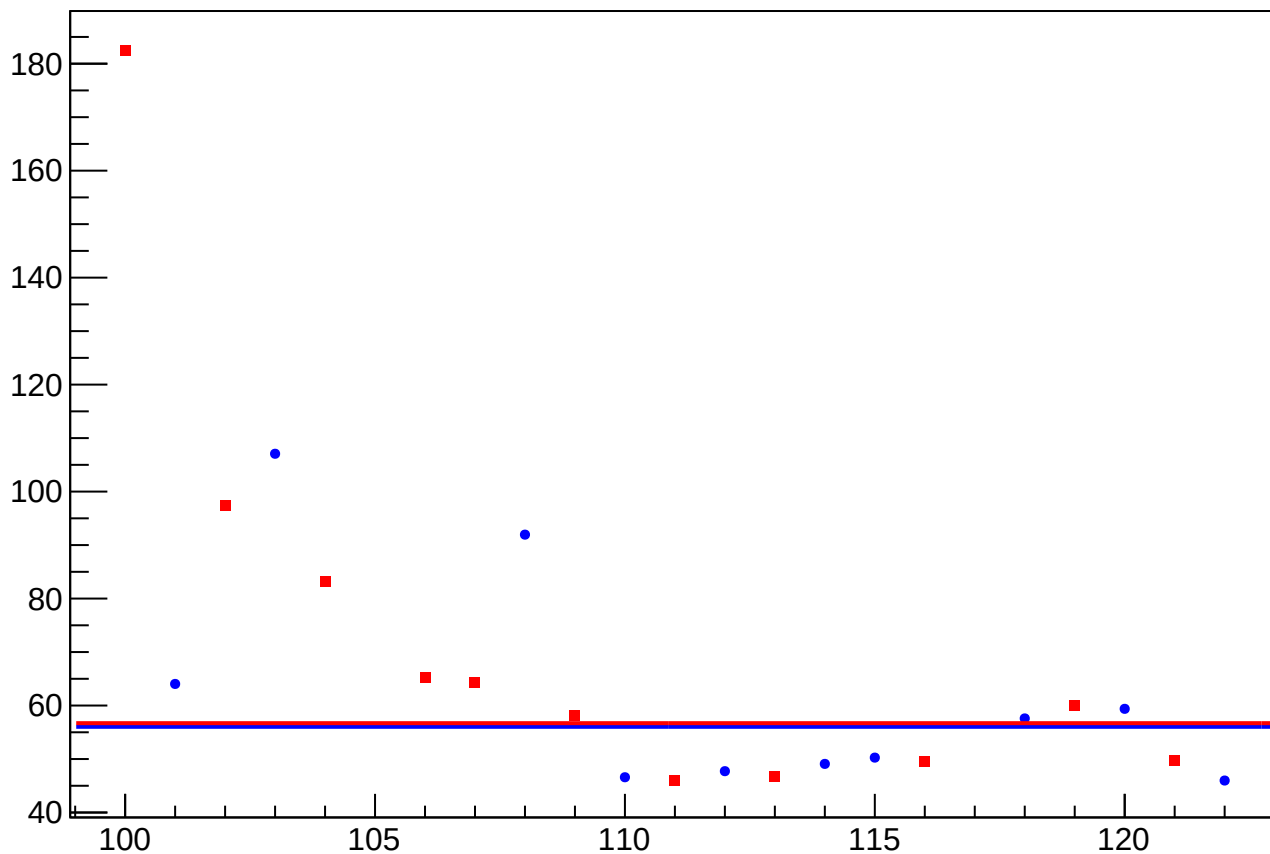
Right: 32.447+/-20.175 χ^2/NDF : 21.3/20

In: -6.590+/-29.021 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.447+/-20.175 χ^2/NDF : 21.3/20

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: 56.704+/-0.020 χ^2/NDF : 517946.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

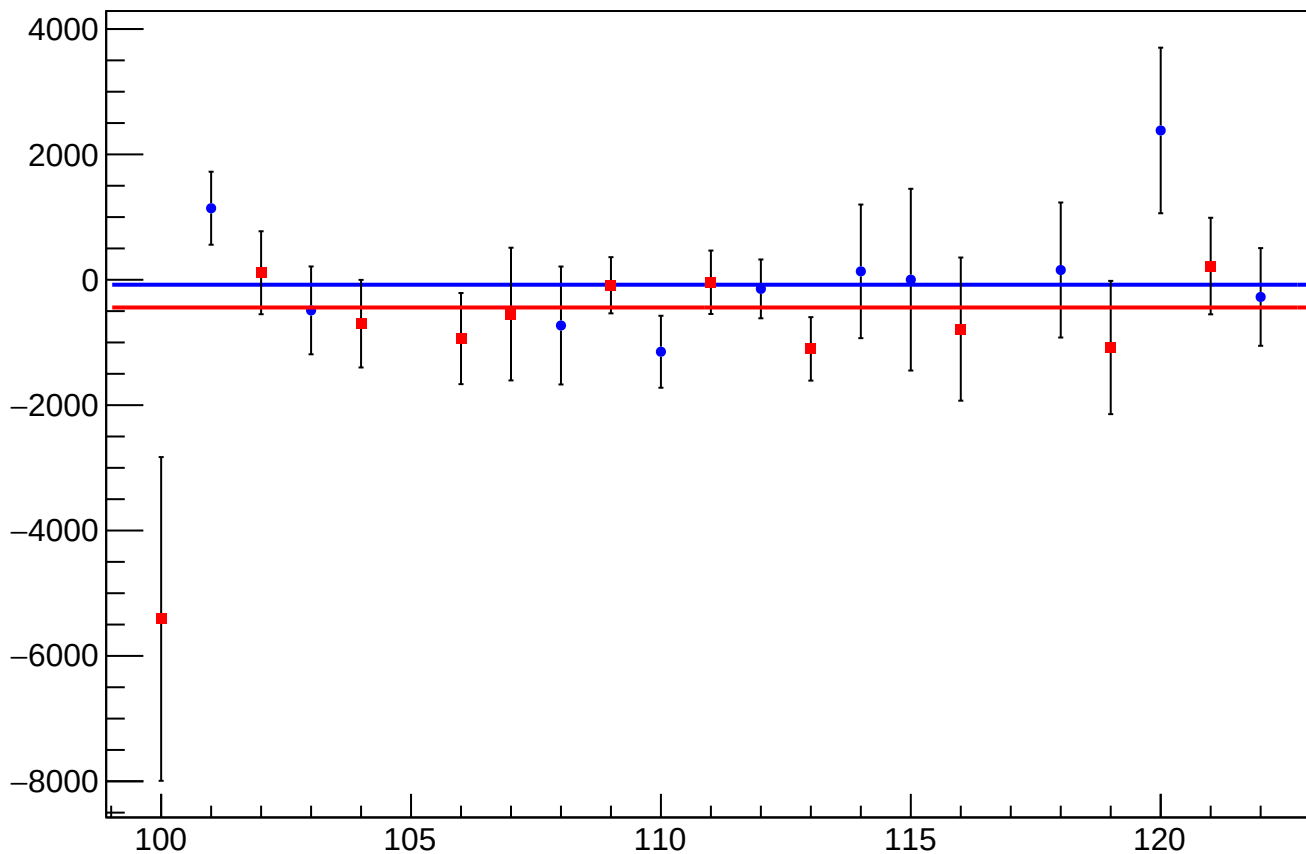
Right: 56.376+/-0.014 χ^2/NDF : 1034329.3/20

In: 56.025+/-0.021 χ^2/NDF : 515817.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.376+/-0.014 χ^2/NDF : 1034329.3/20

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: -441.937+/-206.740 χ^2/NDF : 9.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

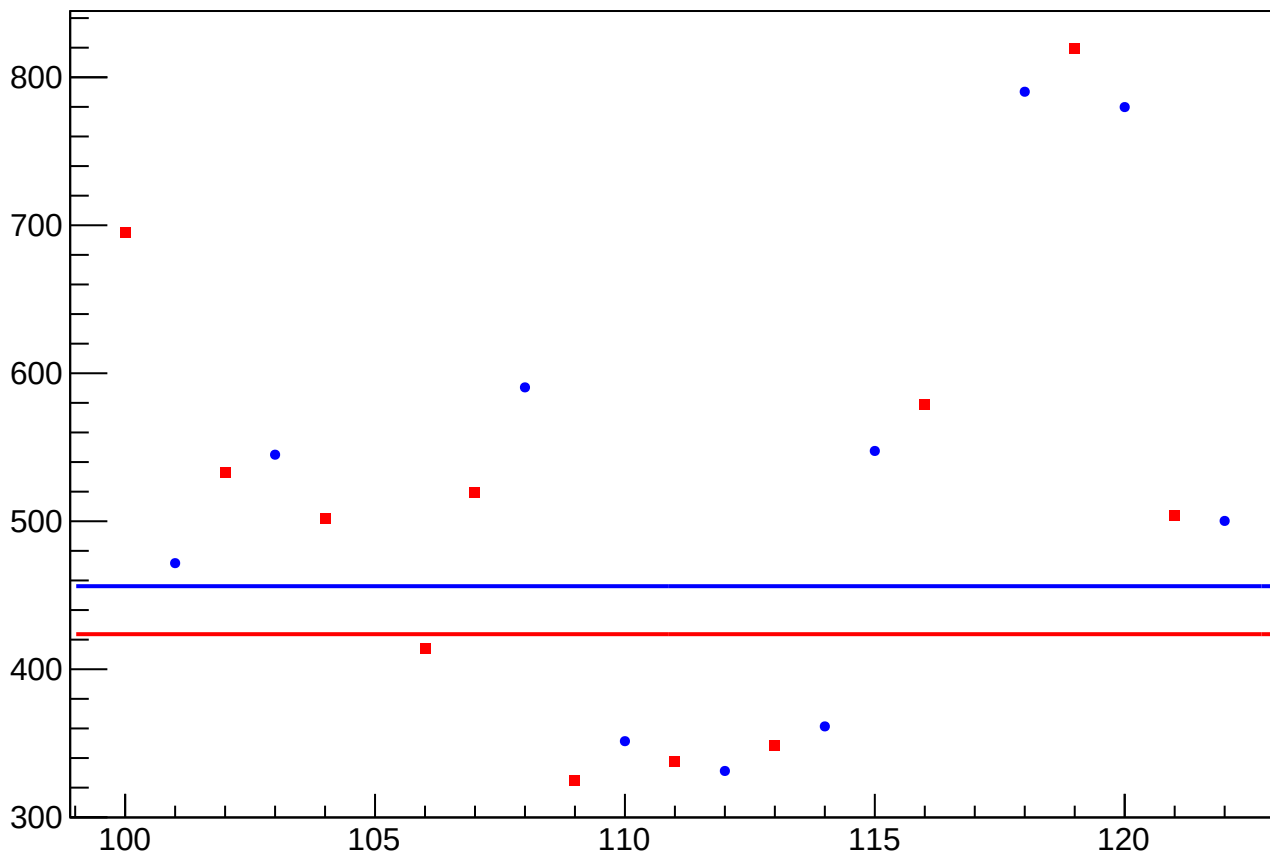
Right: -283.409+/-155.172 χ^2/NDF : 22.8/20

In: -78.885+/-234.825 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -283.409+/-155.172 χ^2/NDF : 22.8/20

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: 423.698+/-0.146 χ^2/NDF : 652837.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

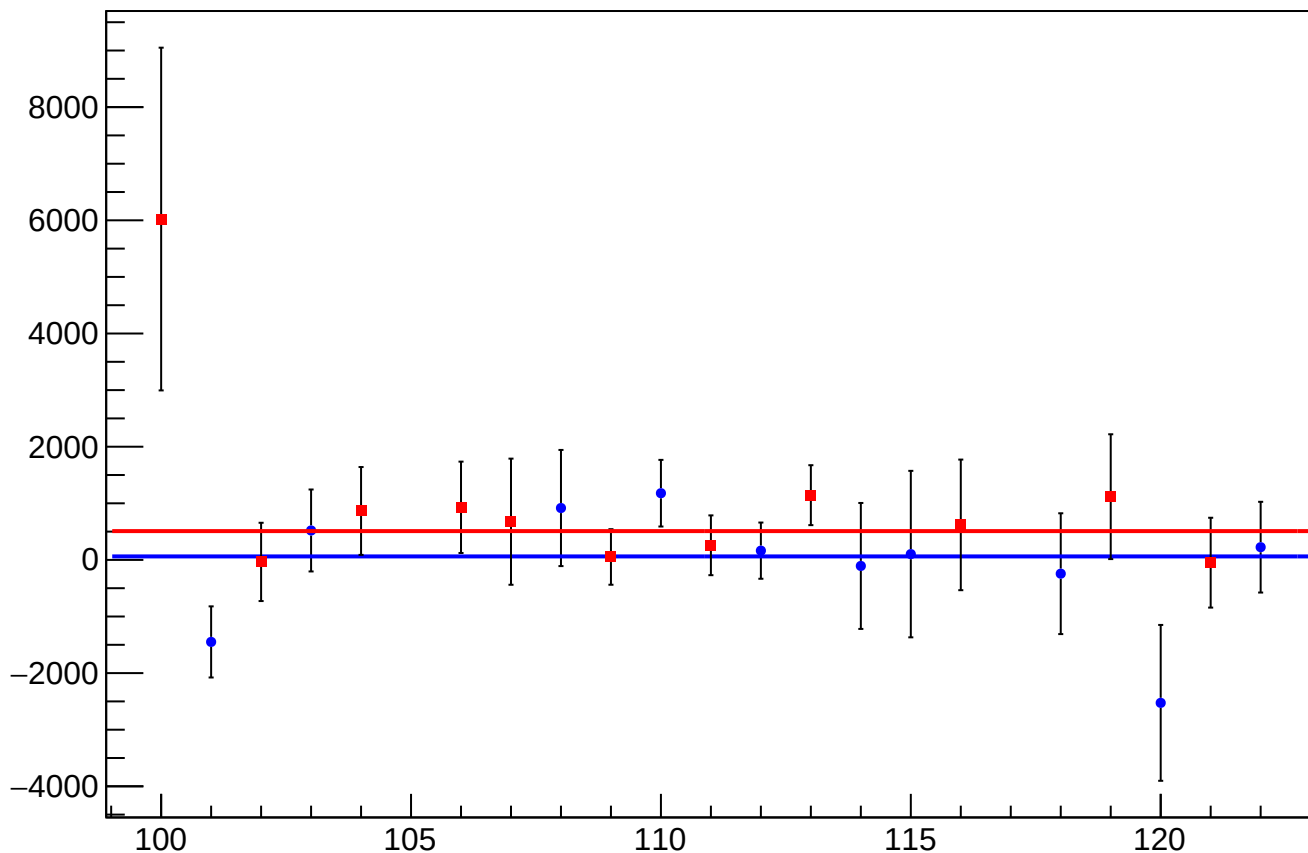
Right: 437.857+/-0.110 χ^2/NDF : 1299836.1/20

In: 456.124+/-0.166 χ^2/NDF : 625514.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.857+/-0.110 χ^2/NDF : 1299836.1/20

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: 508.972 $\pm$ 219.983 χ^2 /NDF: 7.8/10

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

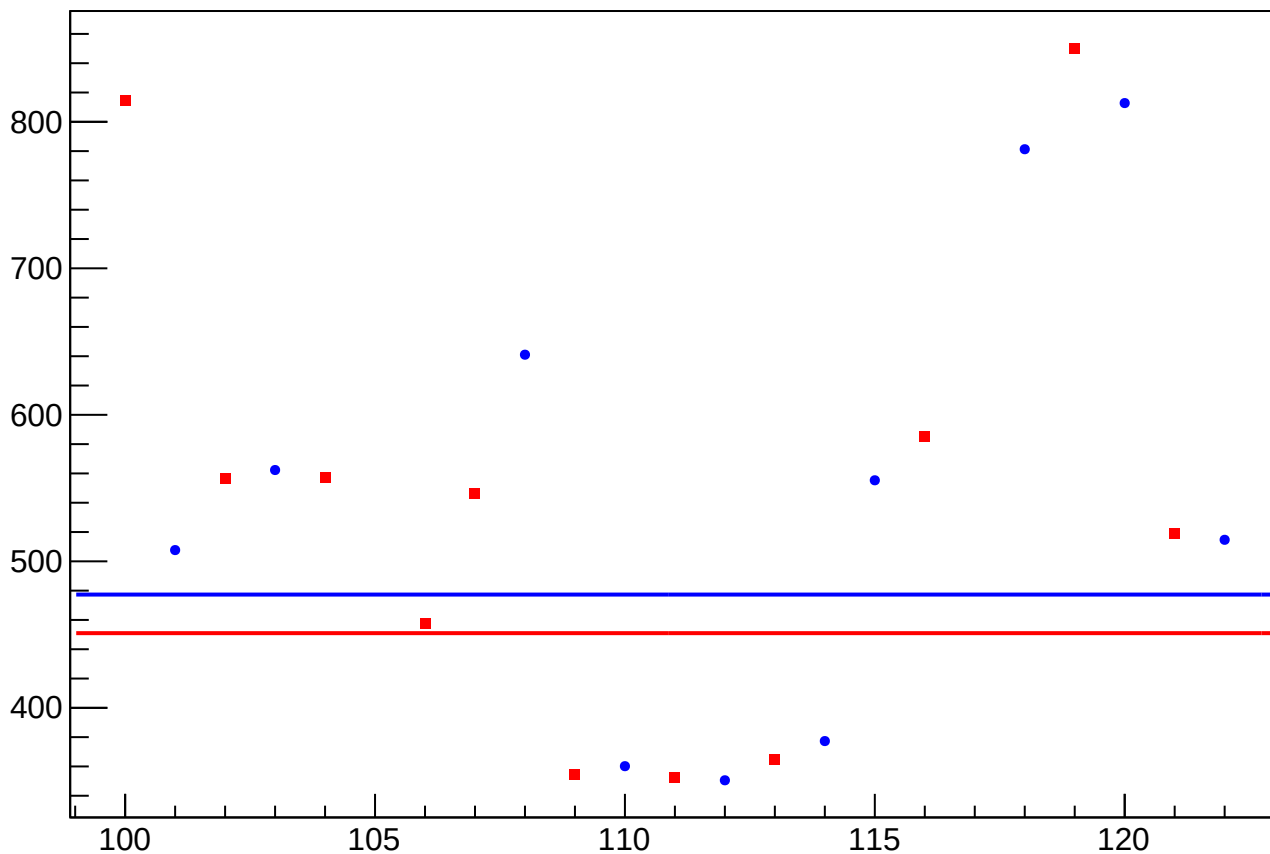
Right: 309.974 $\pm$ 163.897 χ^2 /NDF: 23.8/20

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: 309.974 $\pm$ 163.897 χ^2 /NDF: 23.8/20

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 477.318 $\pm$ 0.174 χ^2 /NDF: 599774.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 450.982 $\pm$ 0.156 χ^2 /NDF: 630429.7/10

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

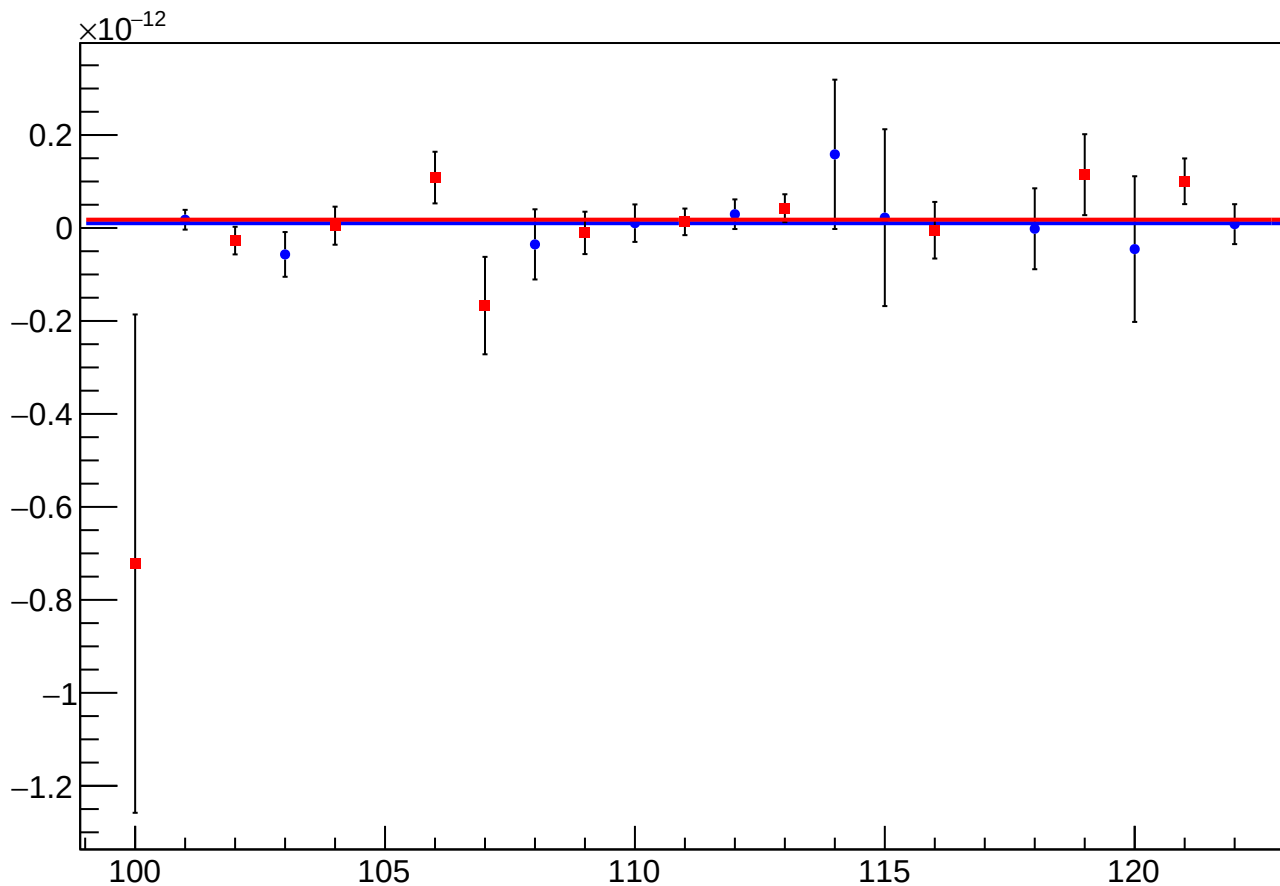
Right: 462.699 $\pm$ 0.116 χ^2 /NDF: 1242957.0/20

In: 477.318 $\pm$ 0.174 χ^2 /NDF:599774.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 462.699 $\pm$ 0.116 χ^2 /NDF: 1242957.0/20

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 : 15.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

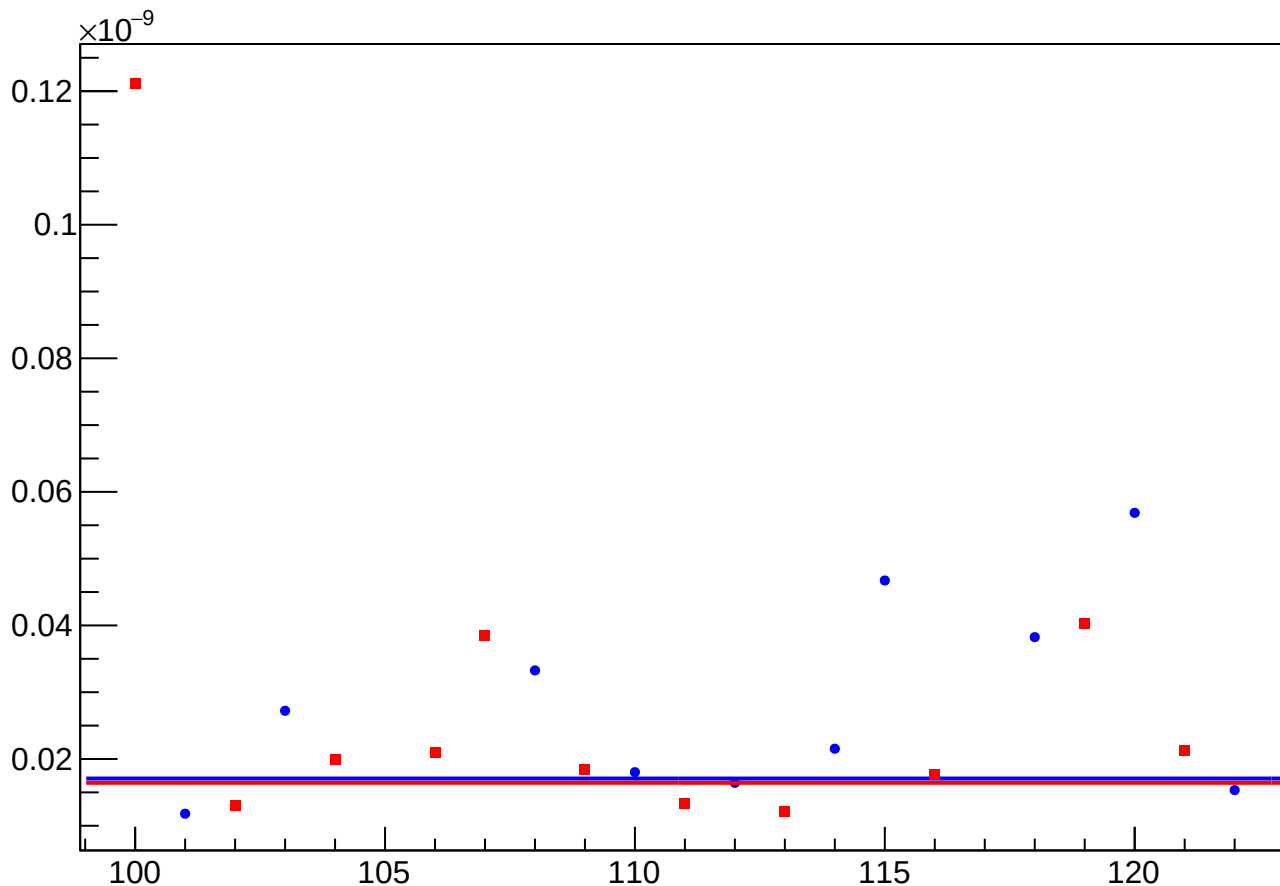
Right: 0.000+/-0.000 χ^2/NDF : 19.3/20

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 : 19.3/20

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 : 454354.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

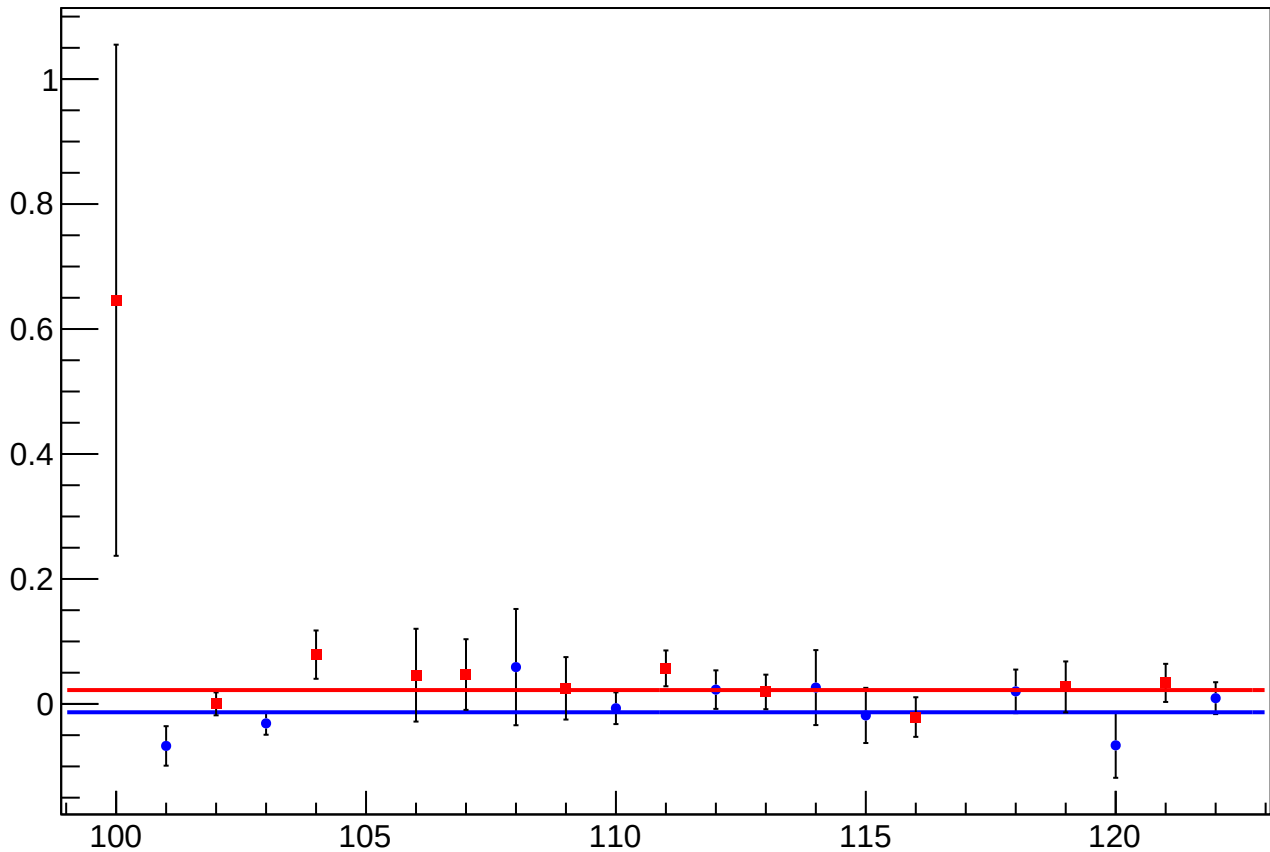
Right: 0.000+/-0.000 χ^2/NDF : 1062997.9/20

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 : 1062997.9/20

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: 0.022 ± 0.010 χ^2/NDF : 9.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

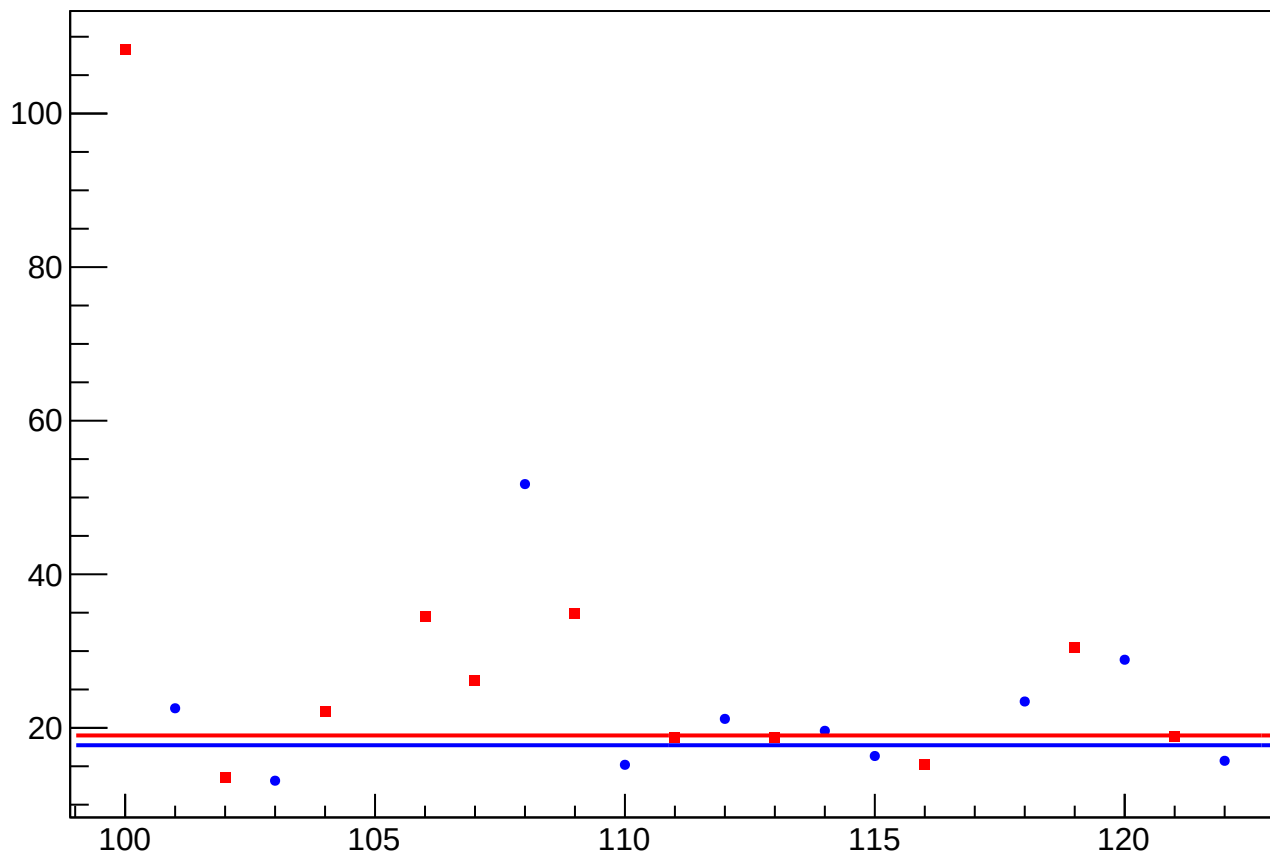
Right: 0.004 ± 0.007 χ^2/NDF : 25.1/20

In: -0.013 ± 0.010 χ^2/NDF : 9.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.007 χ^2/NDF : 25.1/20

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: 19.014+/-0.007 χ^2/NDF : 788055.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

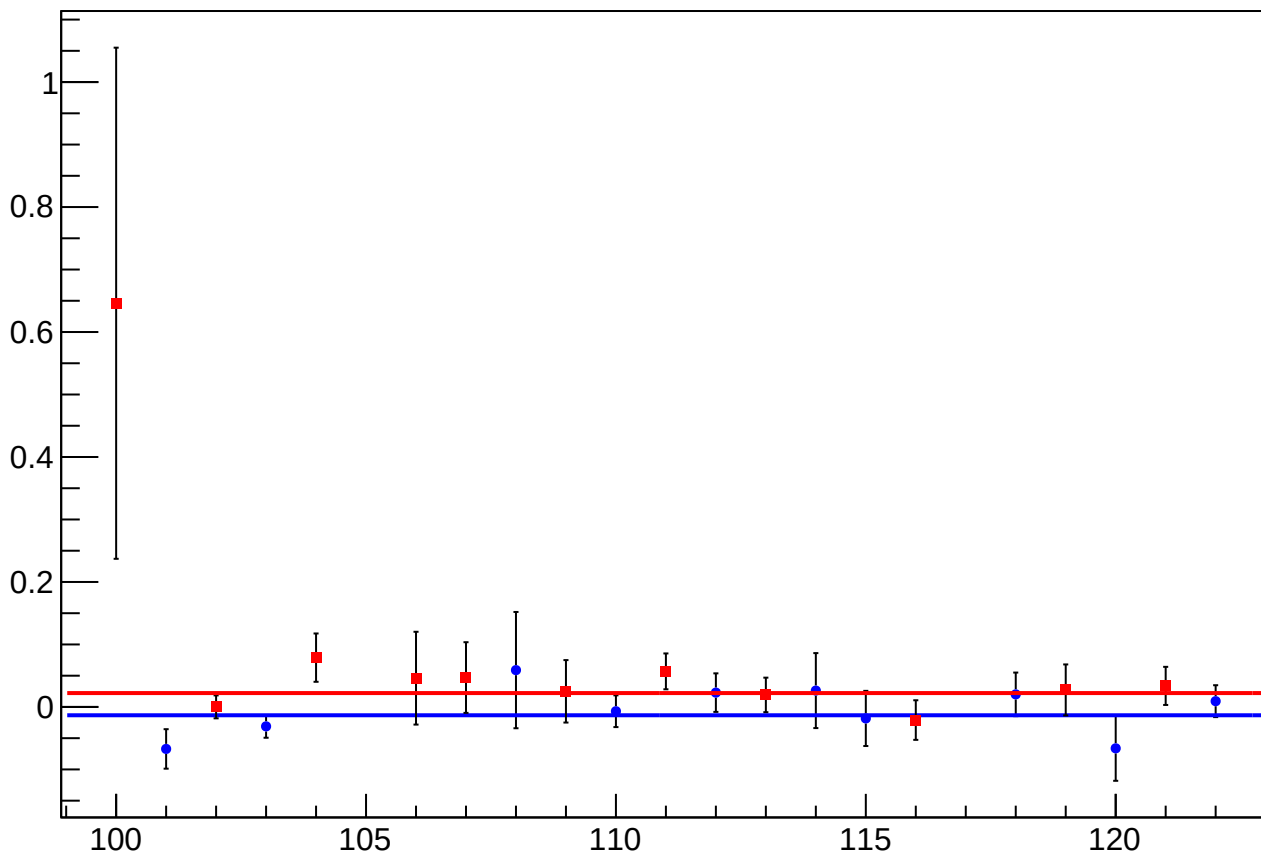
Right: 18.360+/-0.005 χ^2/NDF : 1453004.2/20

In: 17.739+/-0.007 χ^2/NDF : 648720.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.360+/-0.005 χ^2/NDF : 1453004.2/20

asym_sam_15_37_dd_dit_vs_eigen_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: 0.022 $\pm$ 0.010 χ^2 /NDF: 9.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

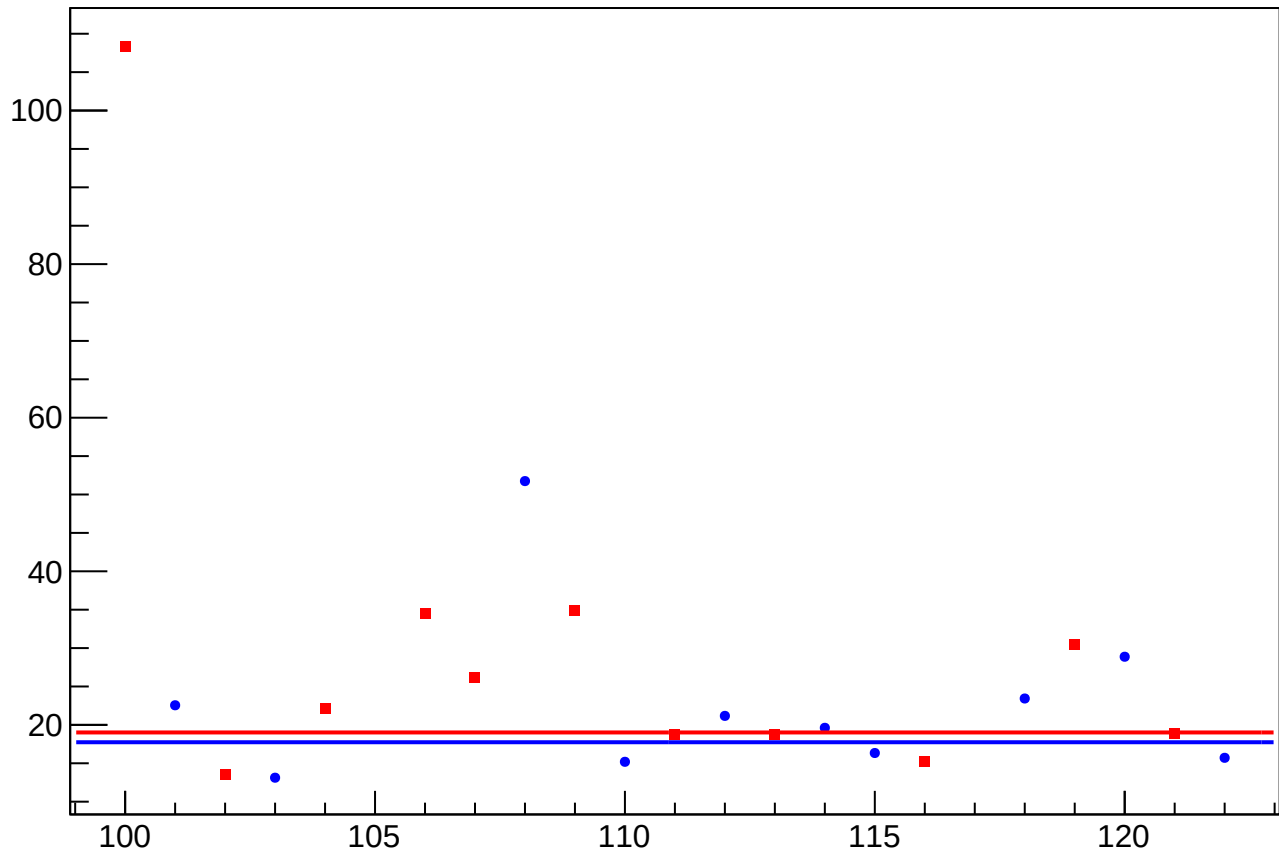
Right: 0.004 $\pm$ 0.007 χ^2 /NDF: 25.1/20

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: 0.004 $\pm$ 0.007 χ^2 /NDF: 25.1/20

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: 19.014+/-0.007 χ^2/NDF : 788055.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

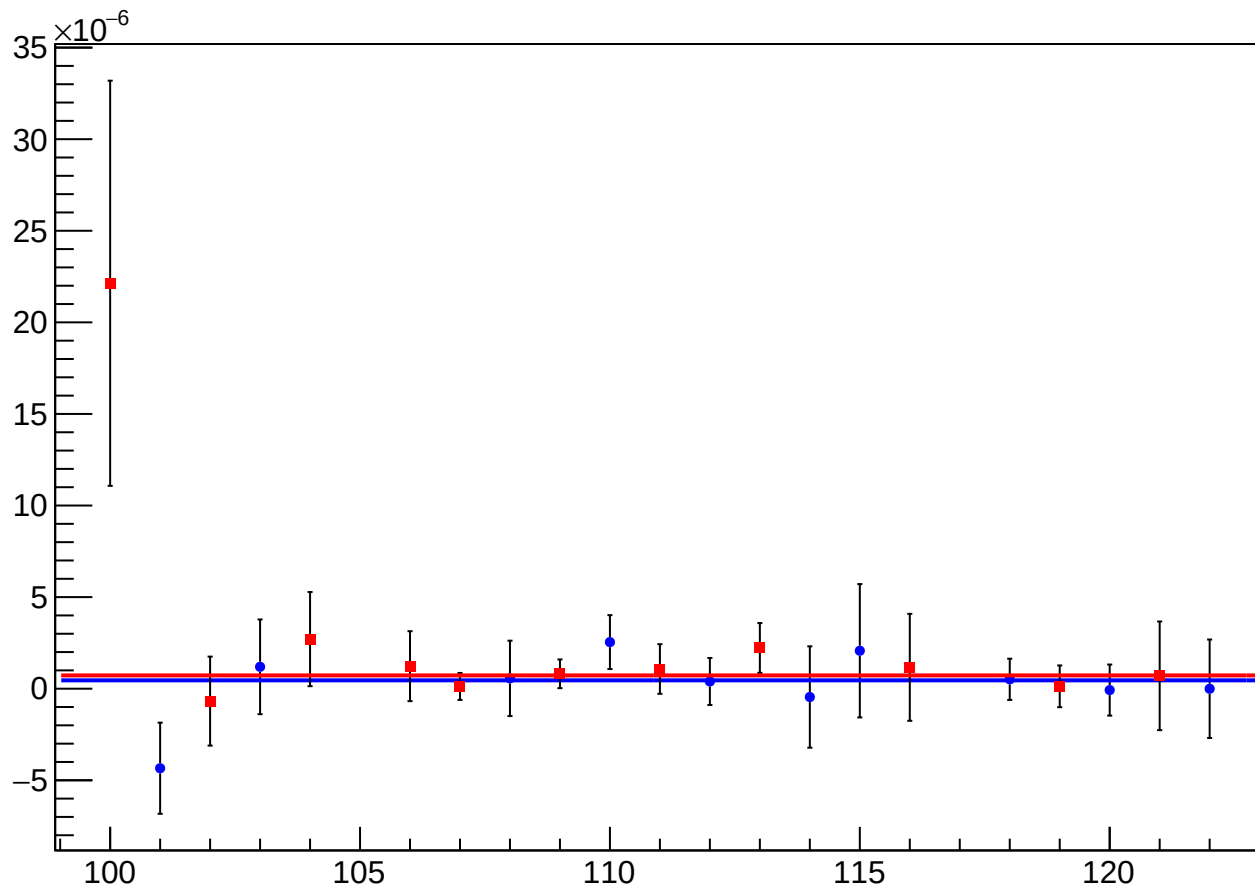
Right: 18.360+/-0.005 χ^2/NDF : 1453004.2/20

In: 17.739+/-0.007 χ^2/NDF : 648720.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.360+/-0.005 χ^2/NDF : 1453004.2/20

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 : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

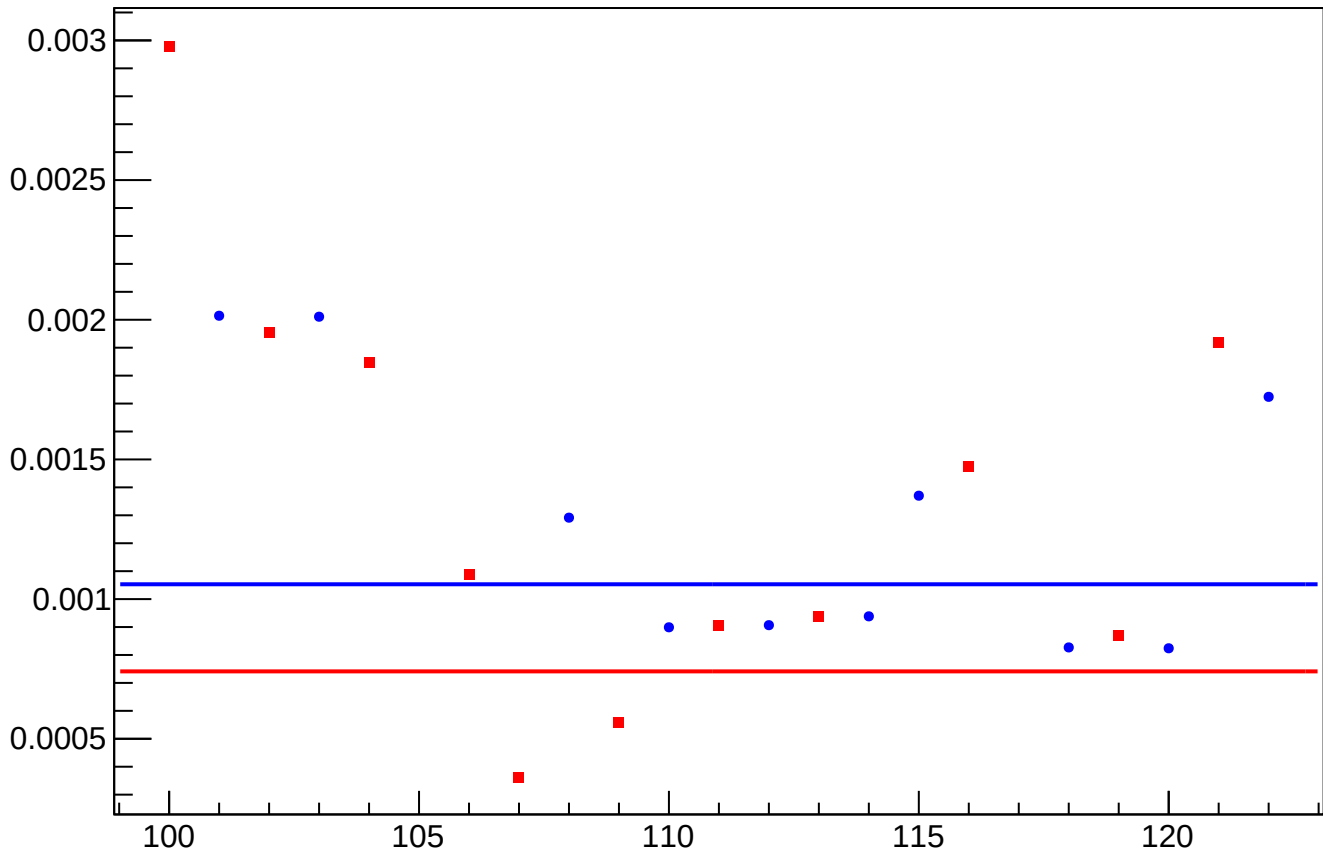
Right: 0.000+/-0.000 χ^2/NDF : 13.5/20

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 : 13.5/20

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 : 2197293.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

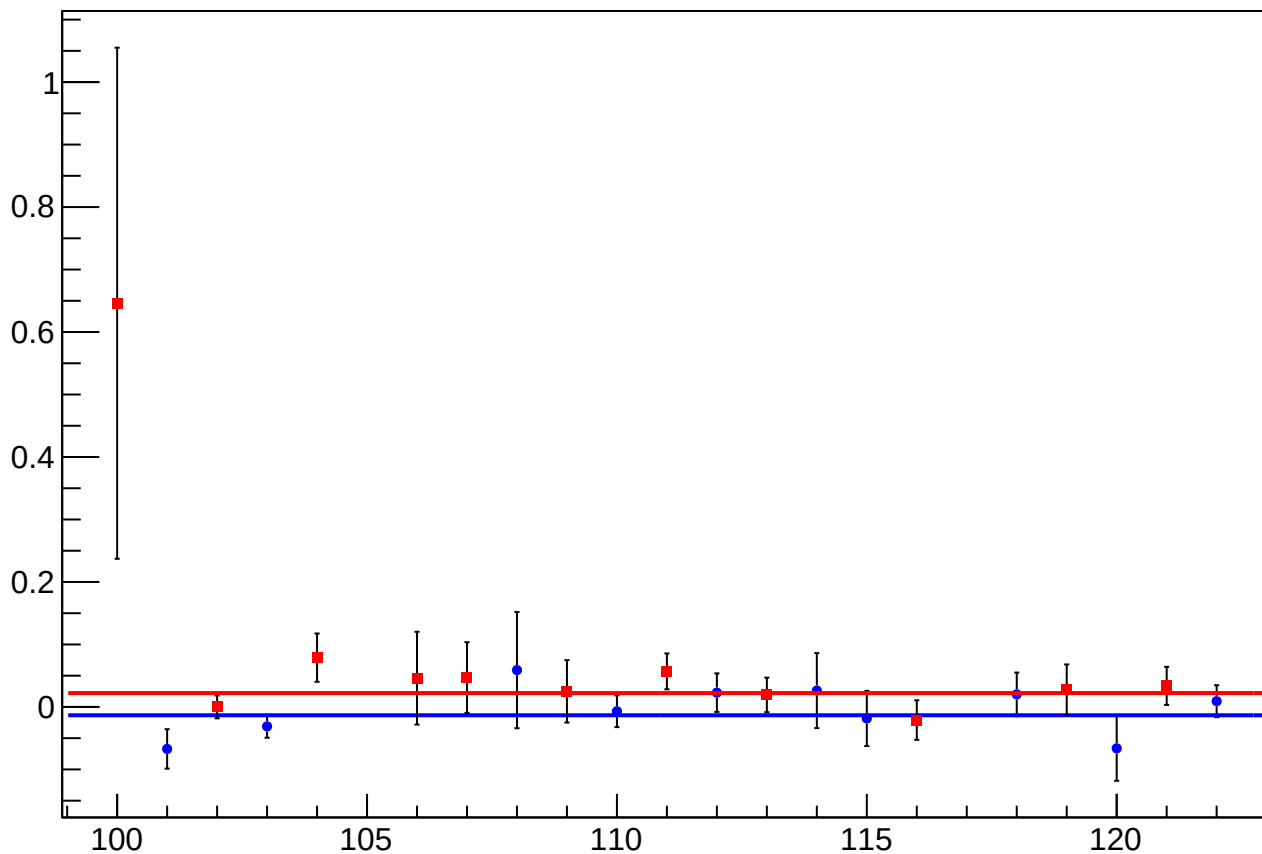
Right: 0.001+/-0.000 χ^2/NDF : 3538482.6/20

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 : 3538482.6/20

asym_sam_15_37_dd_eigen_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: 0.022 ± 0.010 χ^2/NDF : 9.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

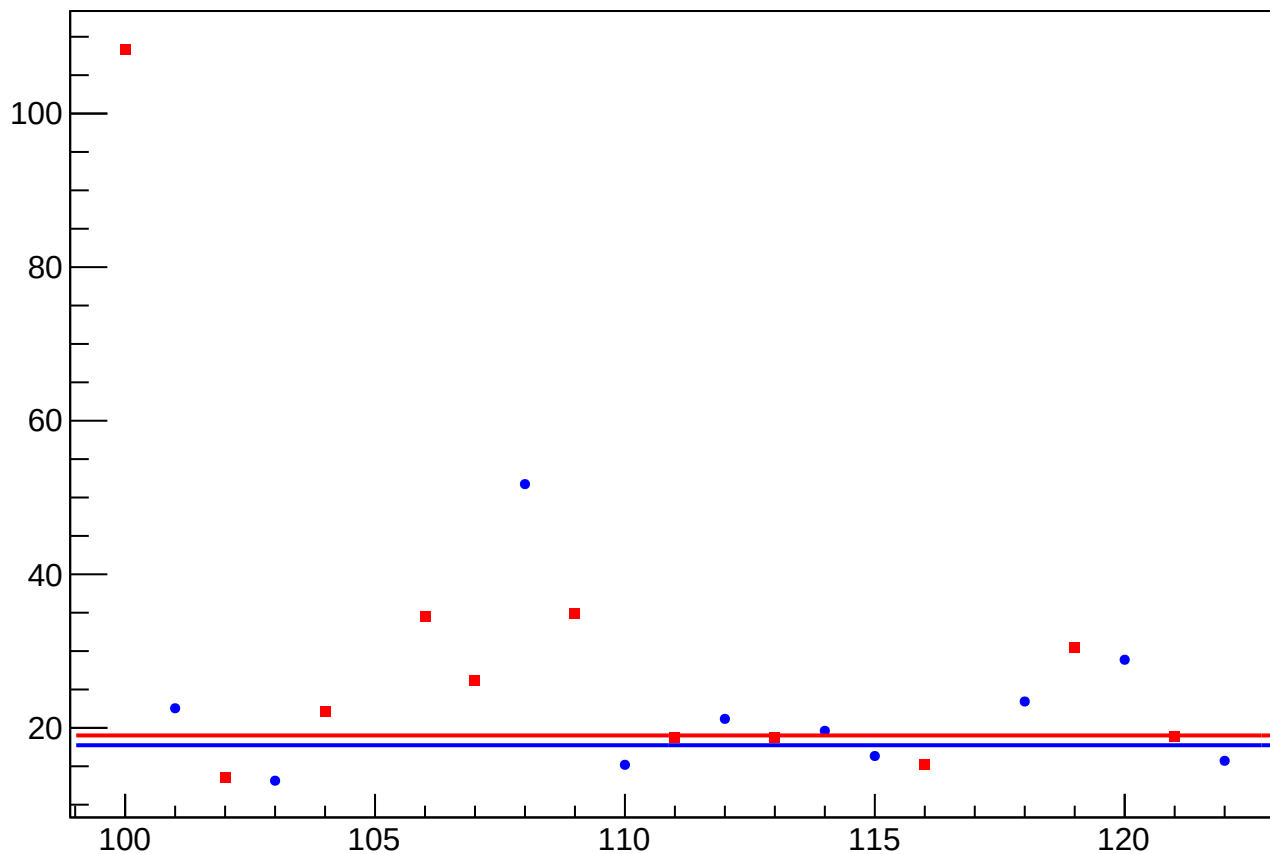
Right: 0.004 ± 0.007 χ^2/NDF : 25.1/20

In: -0.013 ± 0.010 χ^2/NDF : 9.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.007 χ^2/NDF : 25.1/20

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: 19.015+/-0.007 χ^2/NDF : 787926.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

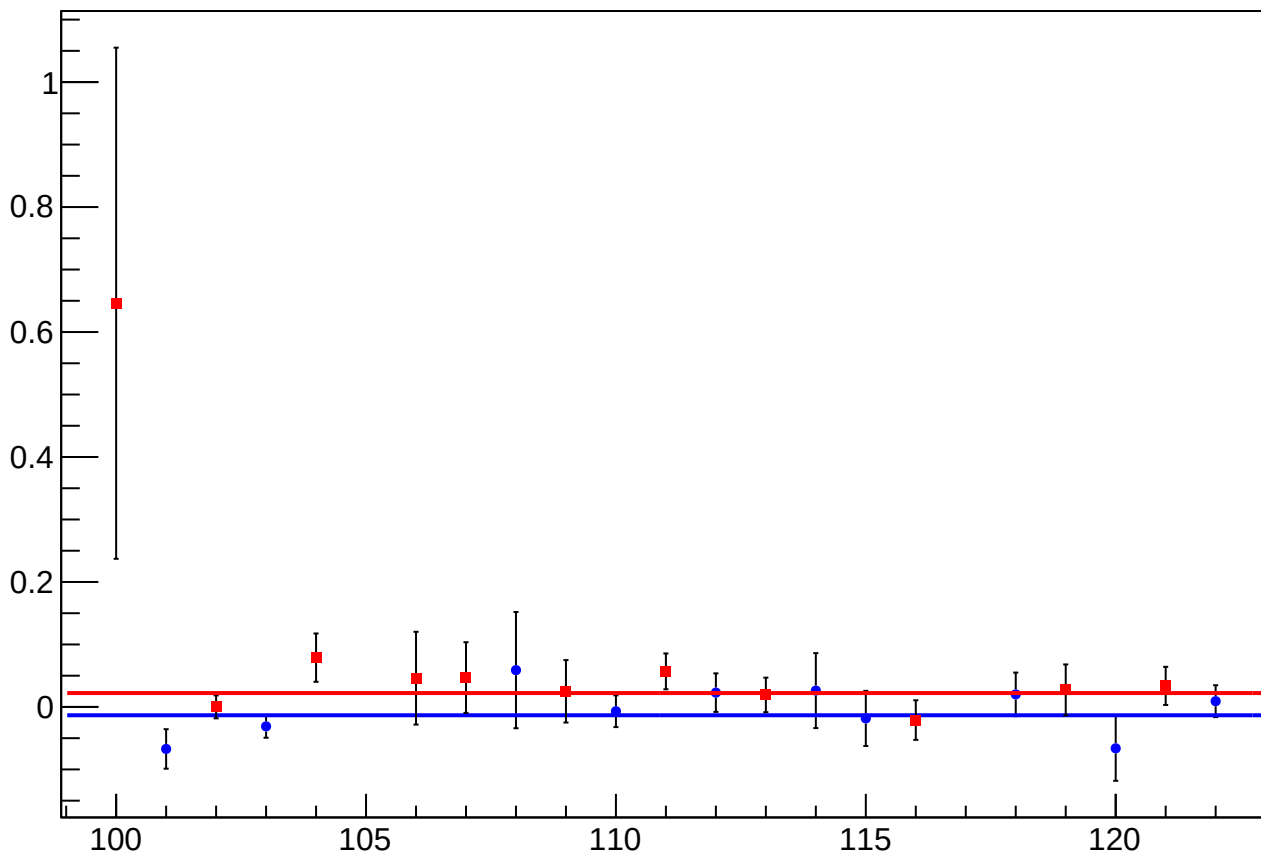
Right: 18.361+/-0.005 χ^2/NDF : 1452823.4/20

In: 17.740+/-0.007 χ^2/NDF : 648664.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.361+/-0.005 χ^2/NDF : 1452823.4/20

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: 0.022+/-0.010 χ^2/NDF : 9.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

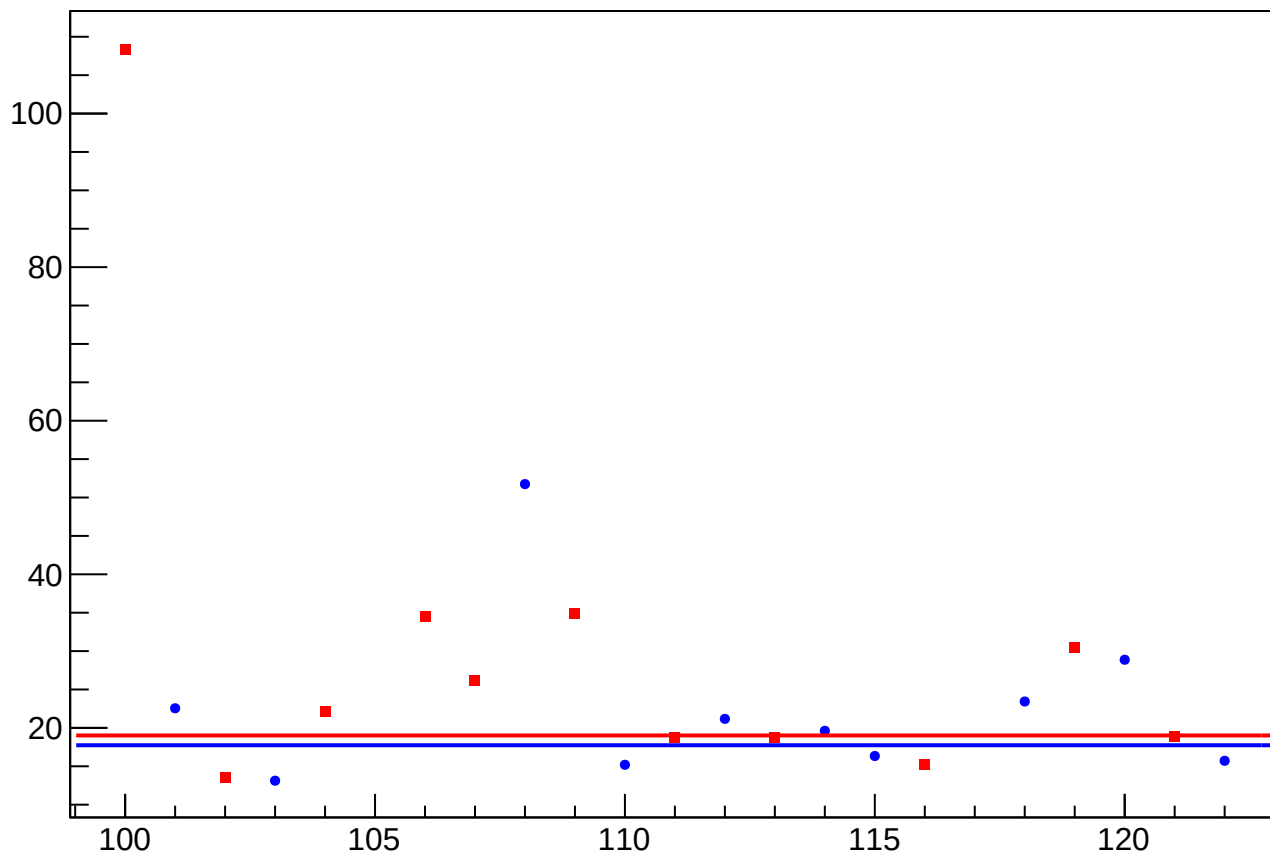
Right: 0.004+/-0.007 χ^2/NDF : 25.1/20

In: -0.013+/-0.010 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.007 χ^2/NDF : 25.1/20

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: 19.015+/-0.007 χ^2/NDF : 787926.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

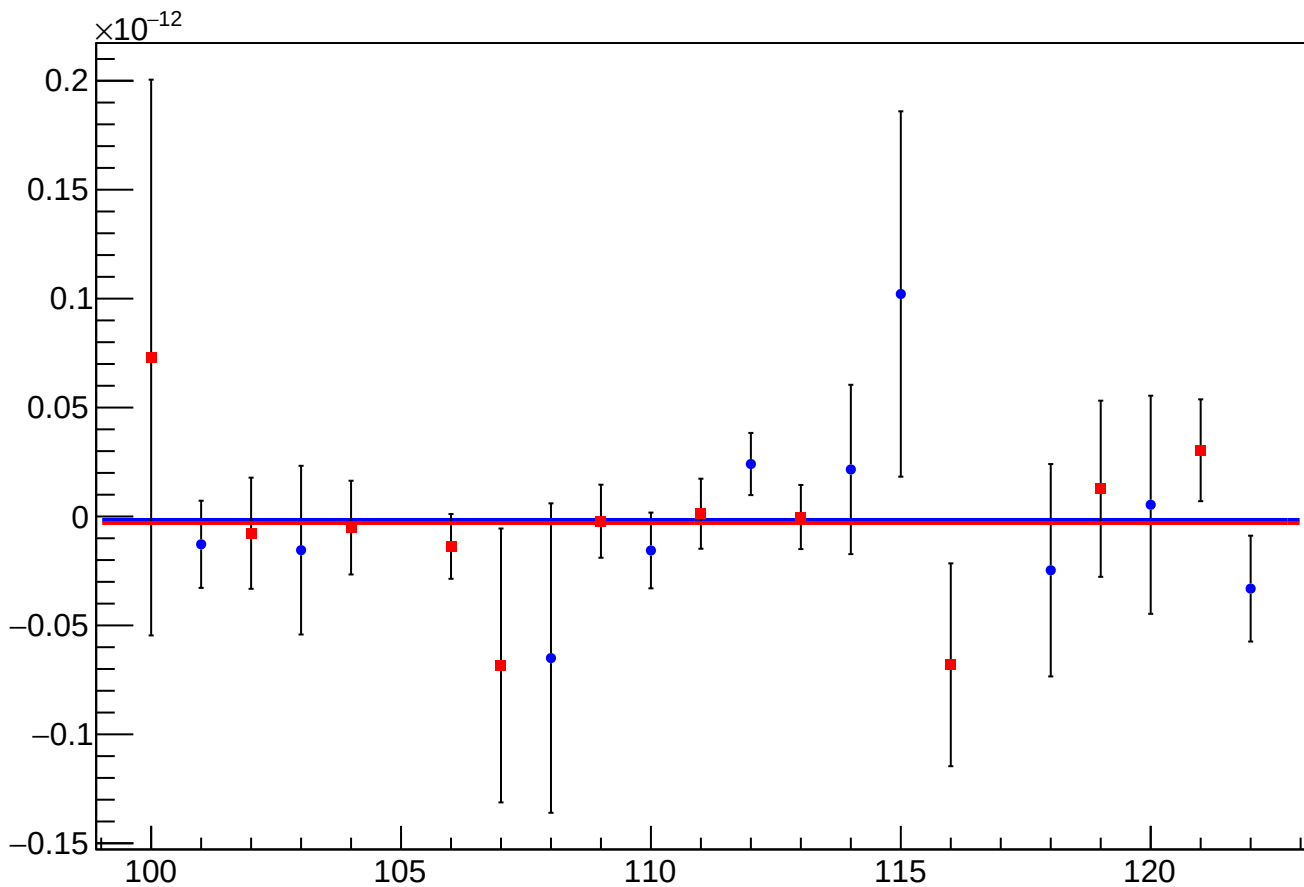
Right: 18.361+/-0.005 χ^2/NDF : 1452823.4/20

In: 17.740+/-0.007 χ^2/NDF : 648664.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.361+/-0.005 χ^2/NDF : 1452823.4/20

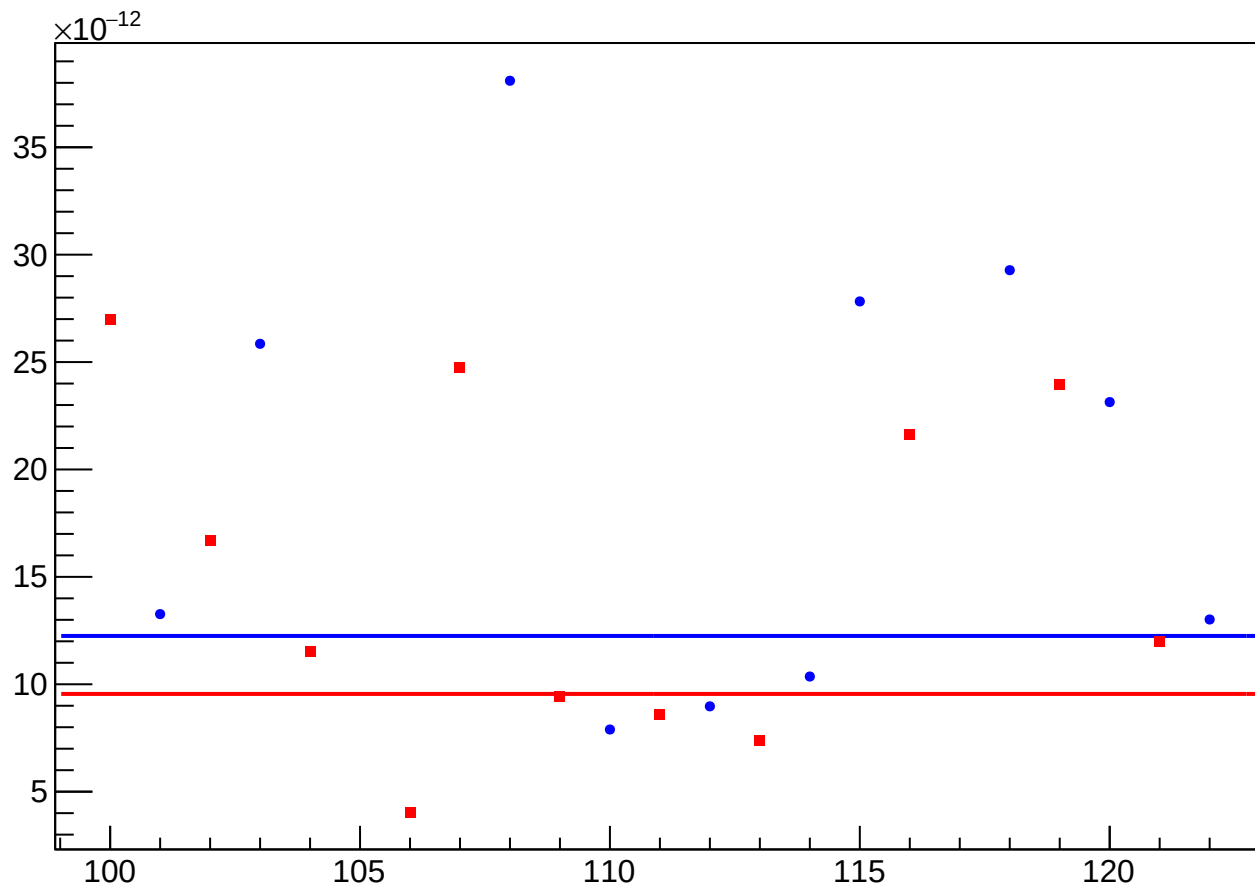
asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 6.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 15.2/20
 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 : 15.2/20

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 : 1065704.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

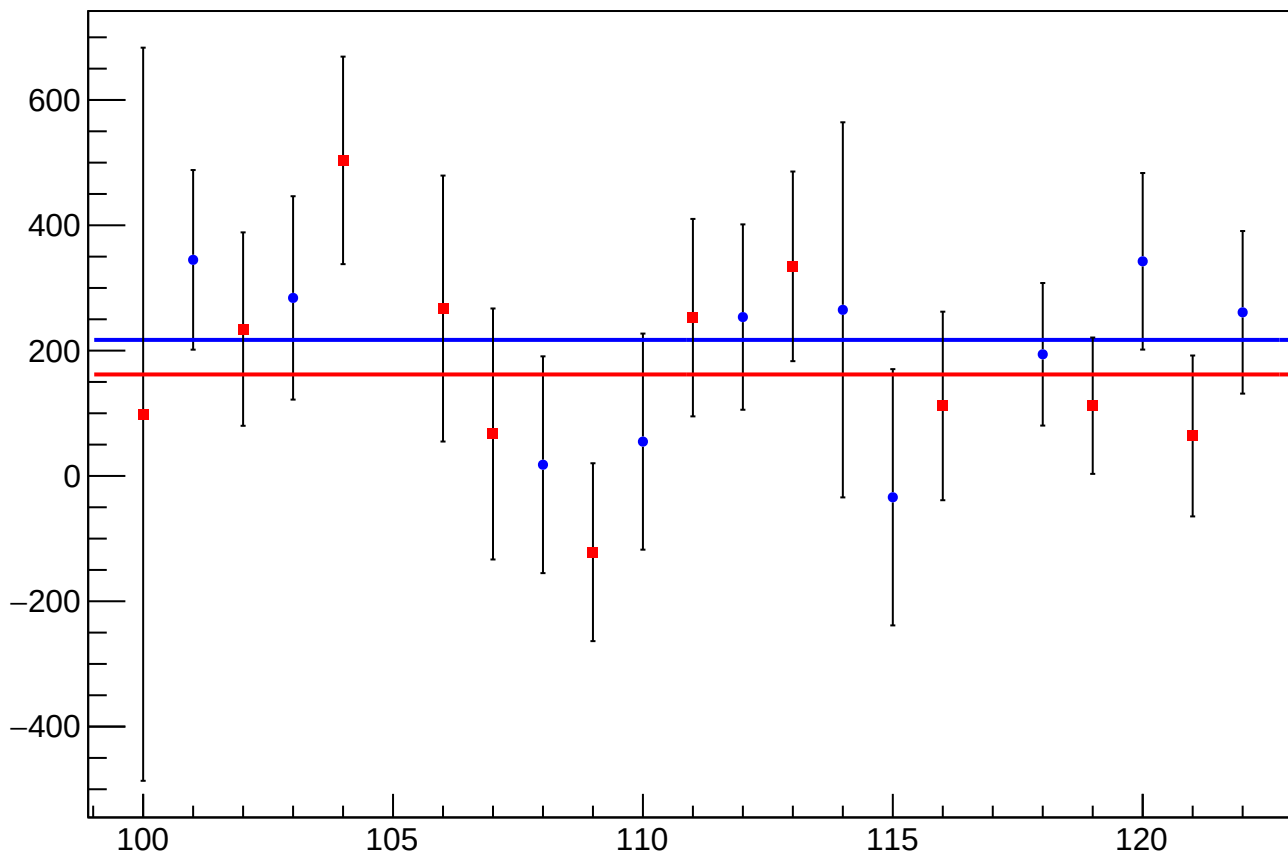
Right: 0.000+/-0.000 χ^2/NDF : 2360893.6/20

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 : 2360893.6/20

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: 161.964 $\pm$ 47.065 χ^2 /NDF: 11.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

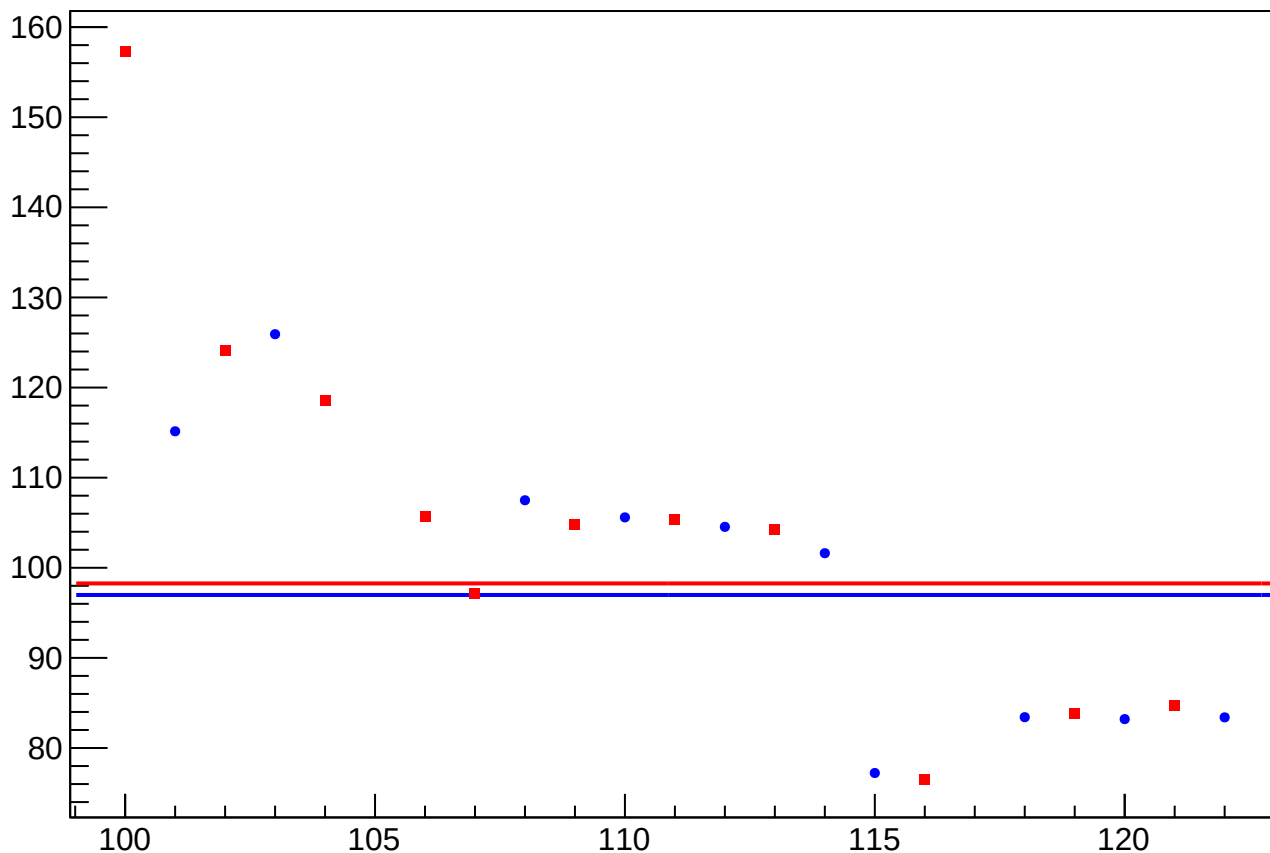
Right: 188.592 $\pm$ 33.845 χ^2 /NDF: 17.9/20

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: 188.592 $\pm$ 33.845 χ^2 /NDF: 17.9/20

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: 98.263+/-0.033 χ^2/NDF : 219566.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

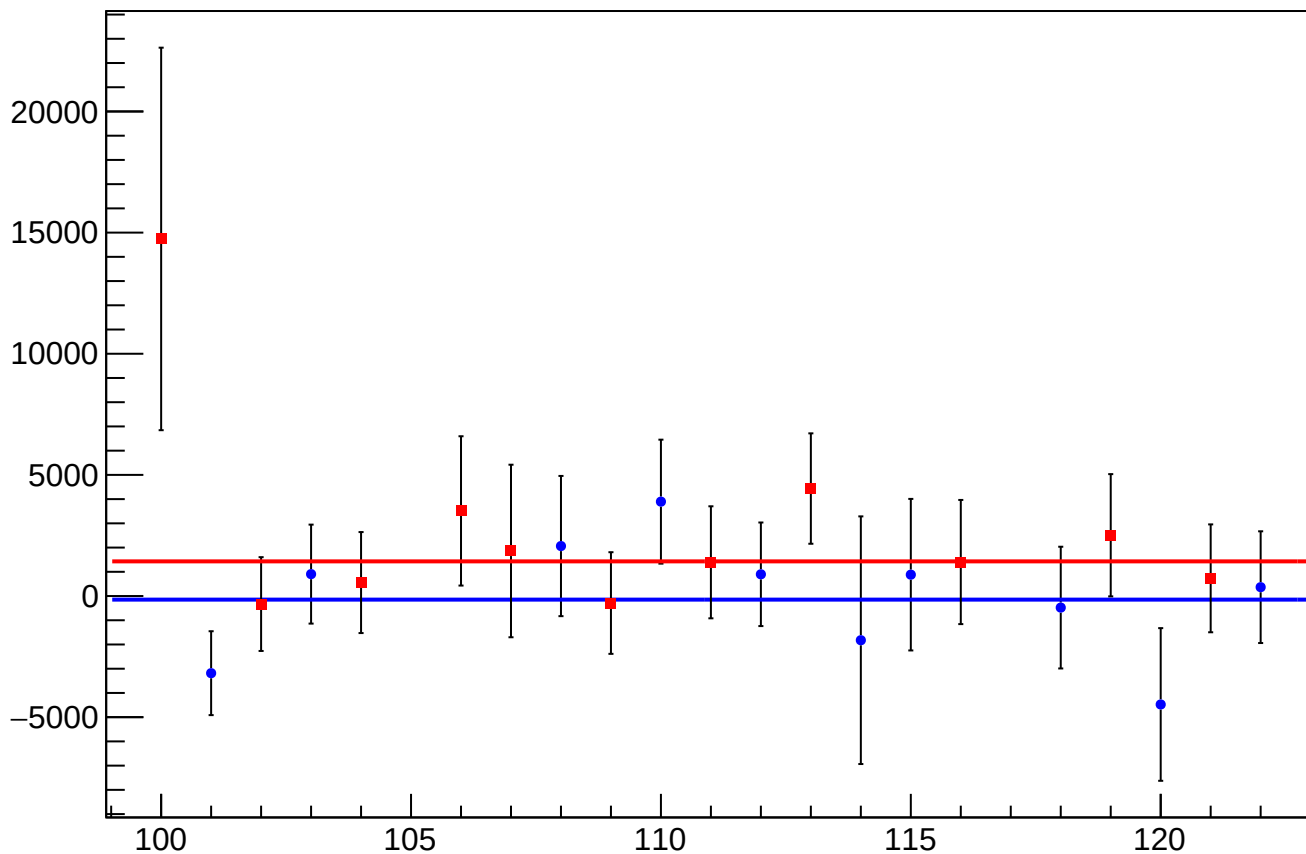
Right: 97.645+/-0.024 χ^2/NDF : 422217.3/20

In: 96.983+/-0.034 χ^2/NDF : 201936.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.645+/-0.024 χ^2/NDF : 422217.3/20

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: 1430.675+/-742.178 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

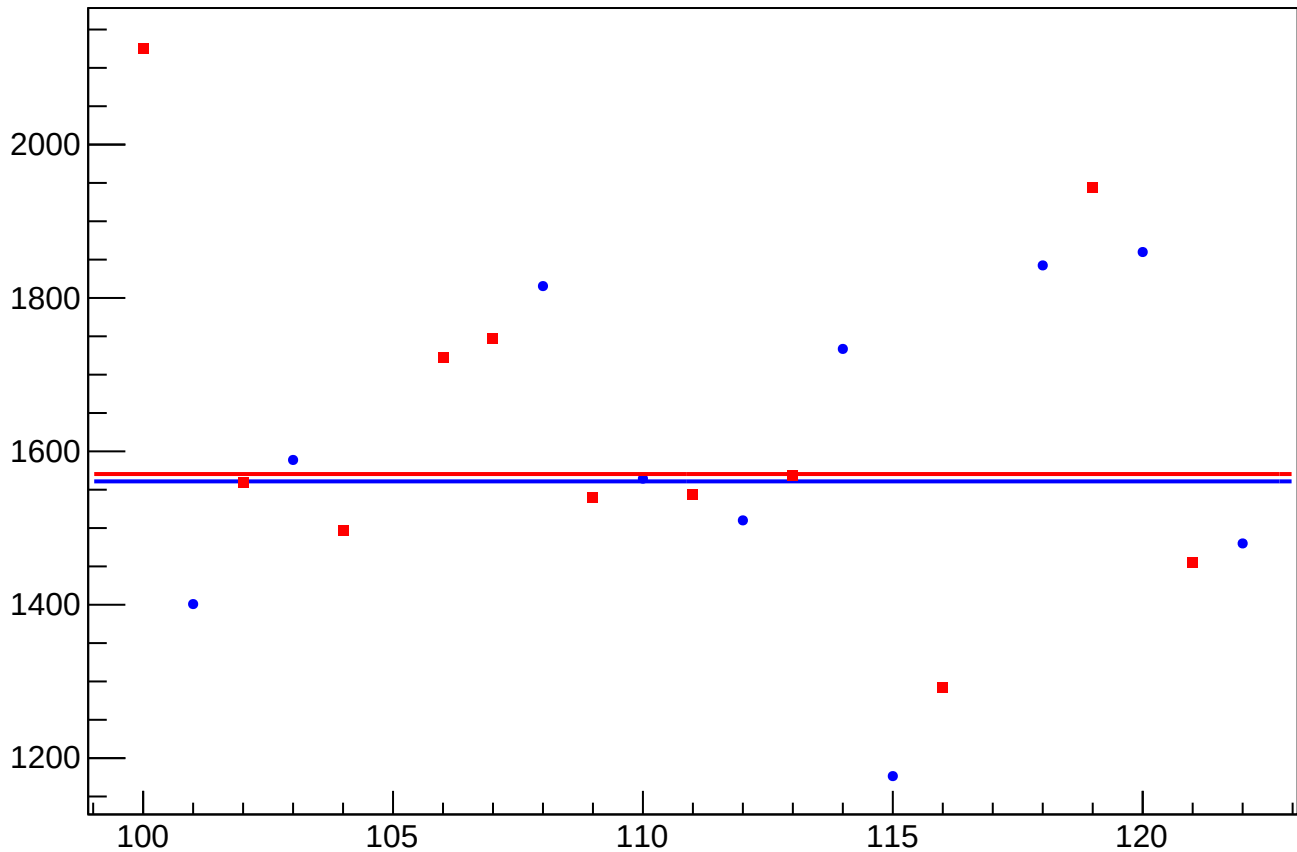
Right: 678.384+/-537.002 χ^2/NDF : 18.0/20

In: -148.184+/-777.955 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 678.384+/-537.002 χ^2/NDF : 18.0/20

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: 1570.432+/-0.525 χ^2/NDF : 95802.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

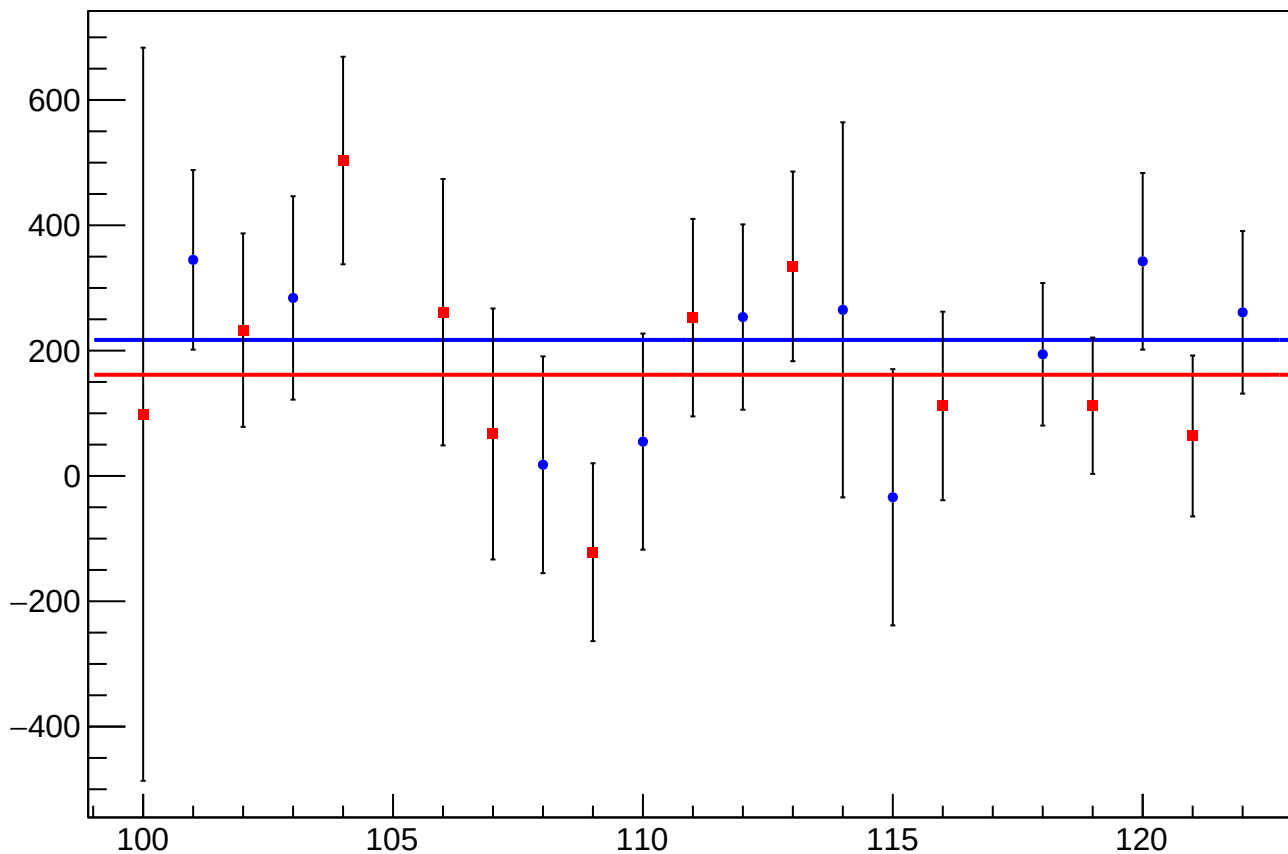
Right: 1565.869+/-0.380 χ^2/NDF : 208126.3/20

In: 1560.856+/-0.550 χ^2/NDF : 112164.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.869+/-0.380 χ^2/NDF : 208126.3/20

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: 161.483 $\pm$ 47.071 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

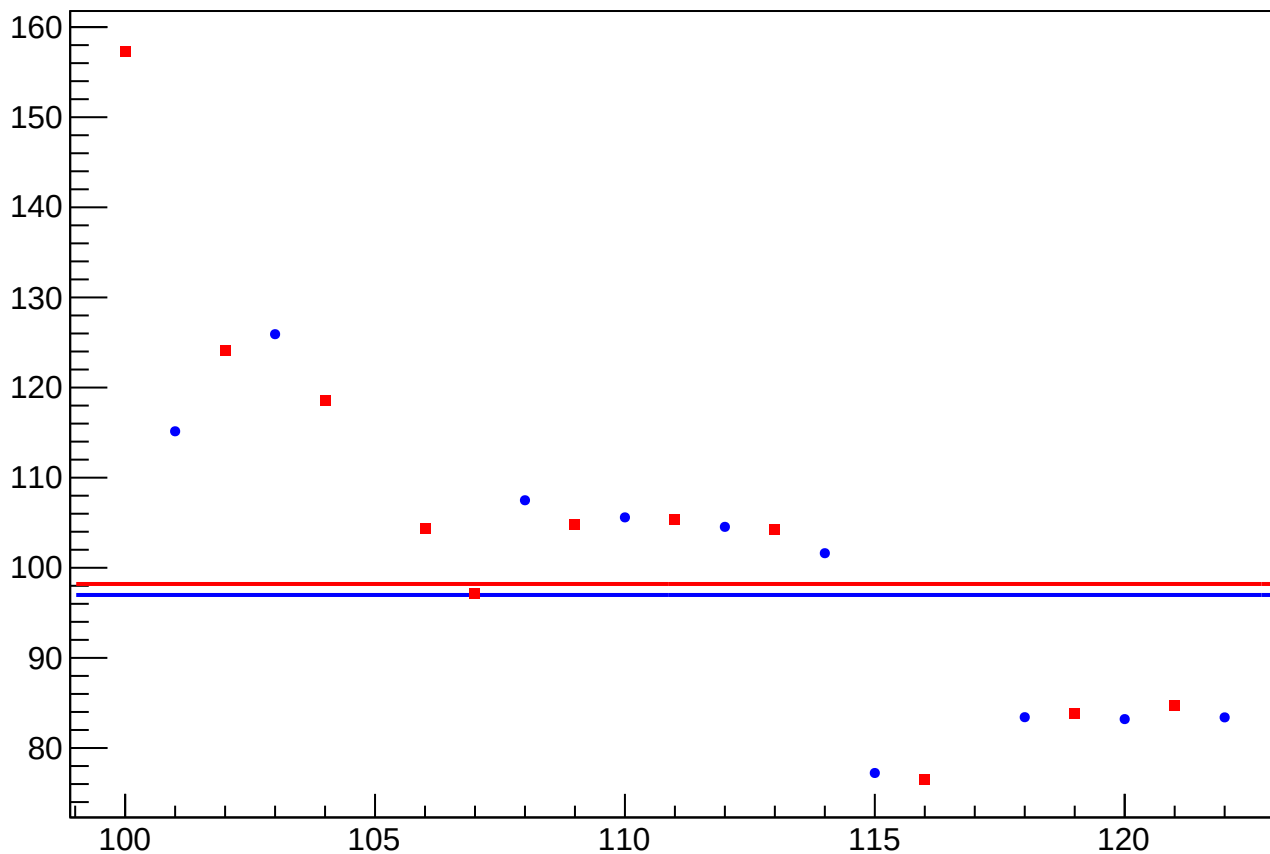
Right: 188.346 $\pm$ 33.847 χ^2 /NDF: 17.8/20

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: 188.346 $\pm$ 33.847 χ^2 /NDF: 17.8/20

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: 98.202+/-0.033 χ^2/NDF : 218984.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

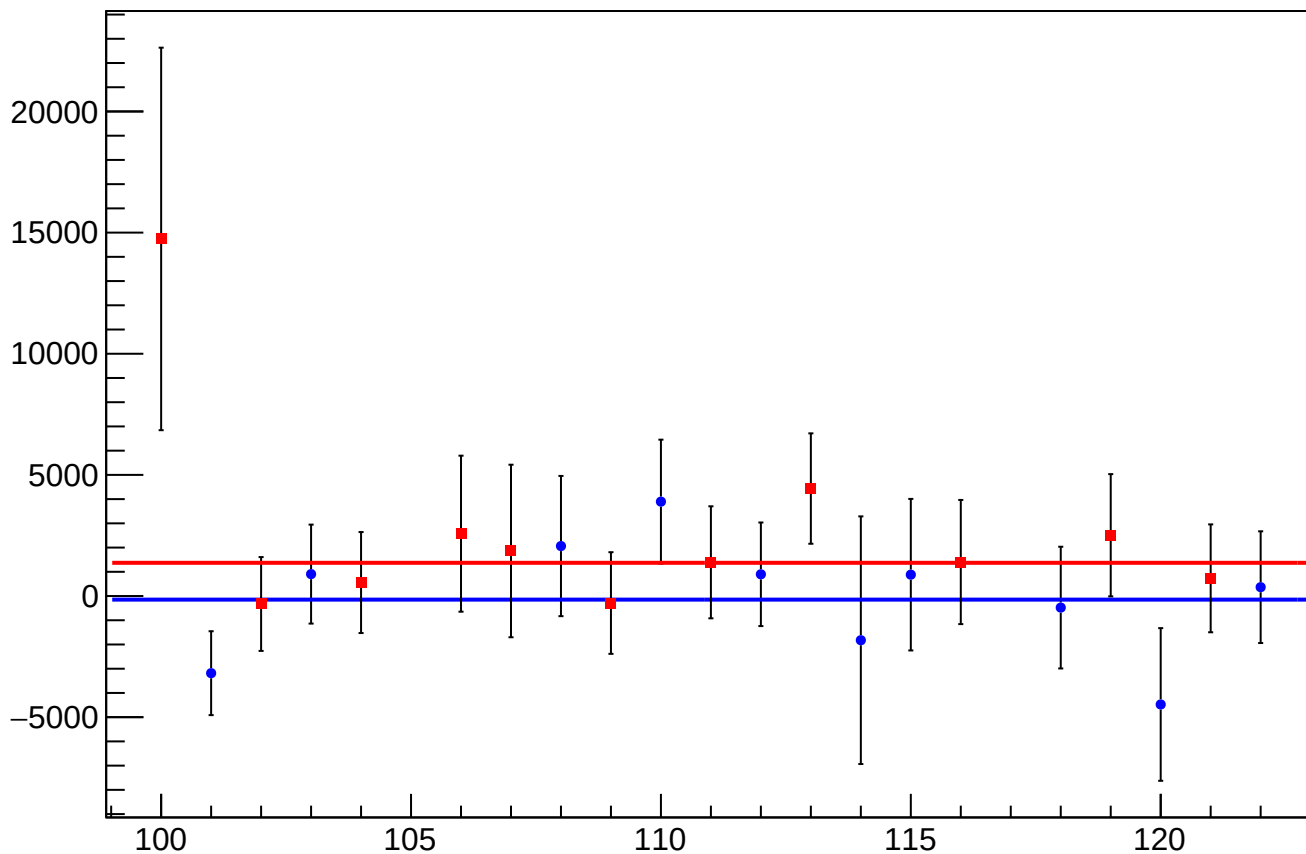
Right: 97.613+/-0.024 χ^2/NDF : 421570.0/20

In: 96.983+/-0.034 χ^2/NDF : 201937.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.613+/-0.024 χ^2/NDF : 421570.0/20

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: 1370.980+/-744.041 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

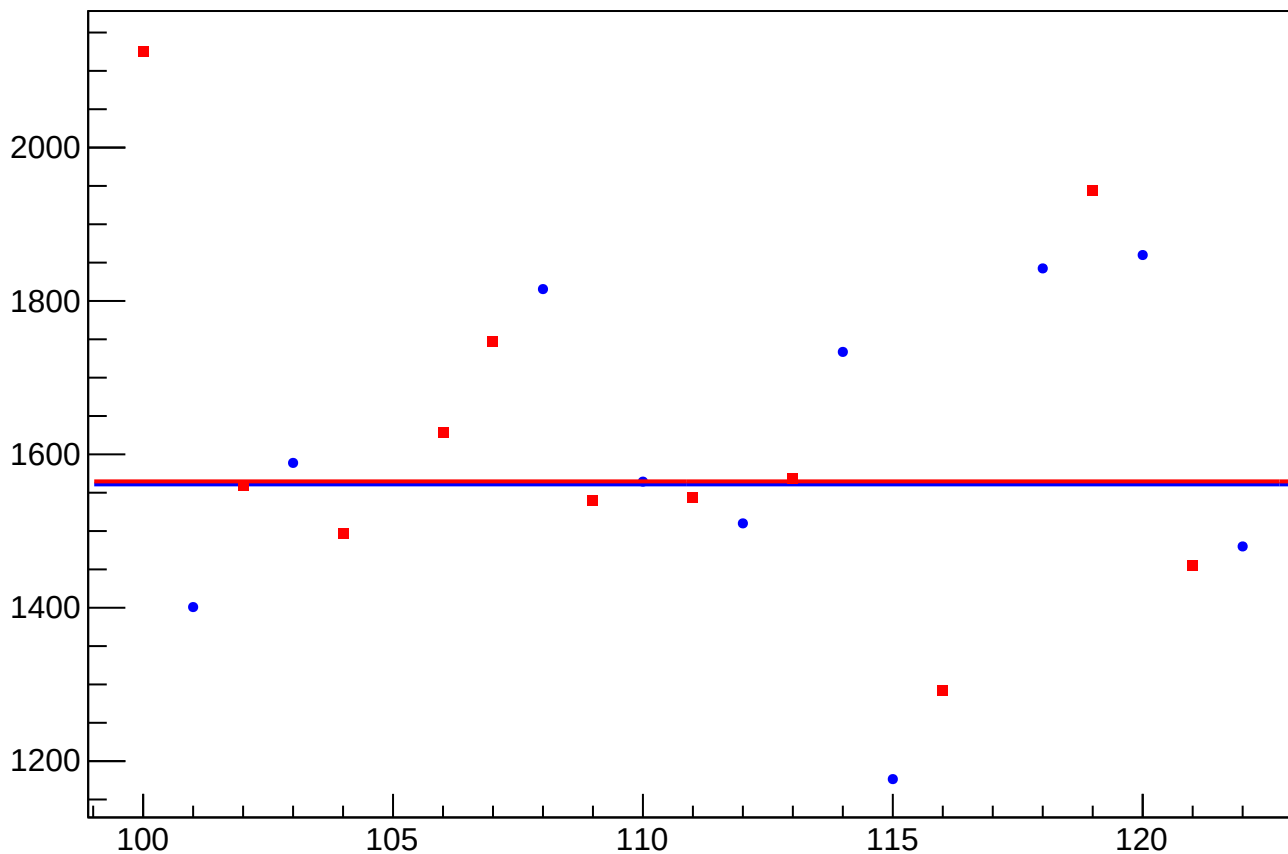
Right: 645.265+/-537.708 χ^2/NDF : 17.5/20

In: -148.124+/-777.959 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.265+/-537.708 χ^2/NDF : 17.5/20

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: 1564.761+/-0.526 χ^2/NDF : 91462.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

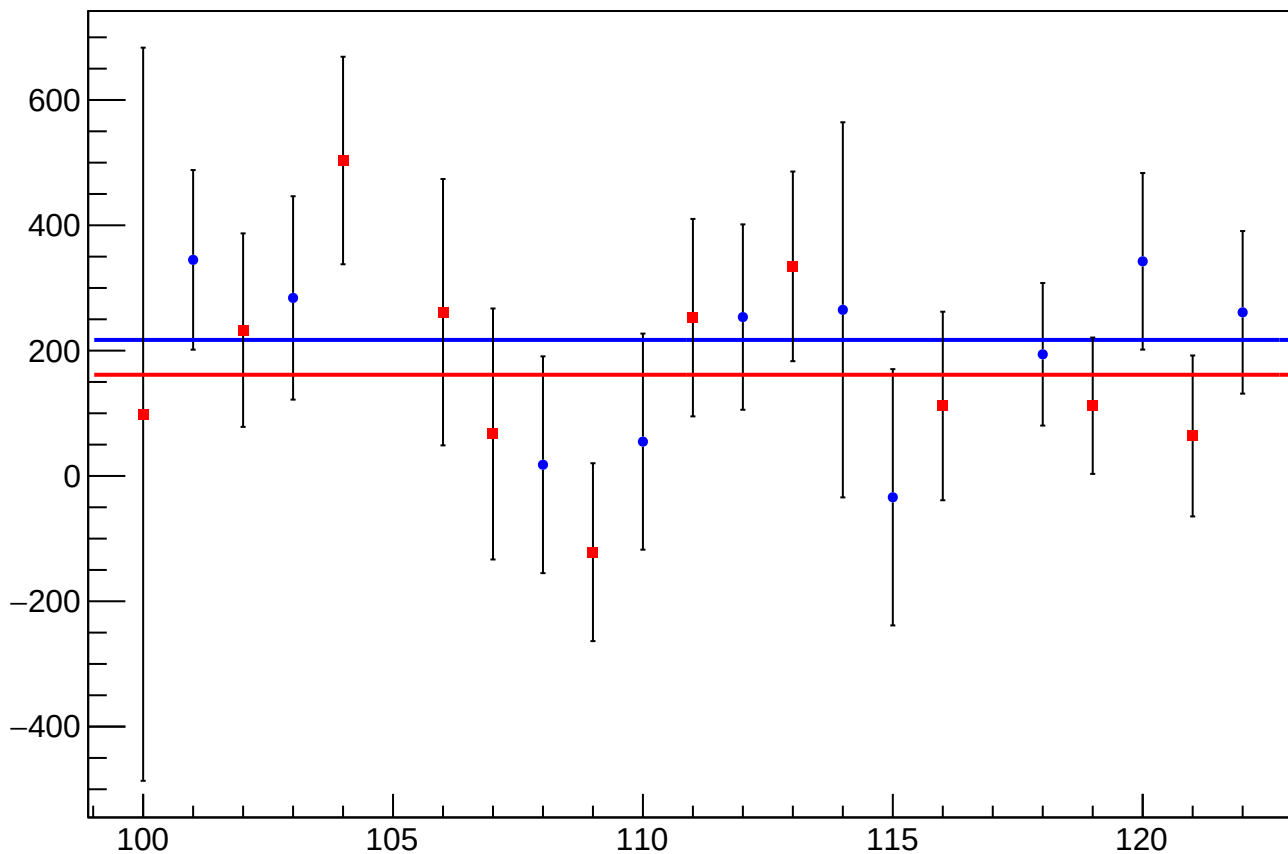
Right: 1562.899+/-0.380 χ^2/NDF : 203655.8/20

In: 1560.864+/-0.550 χ^2/NDF : 112166.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.899+/-0.380 χ^2/NDF : 203655.8/20

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: 161.483 $\pm$ 47.071 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

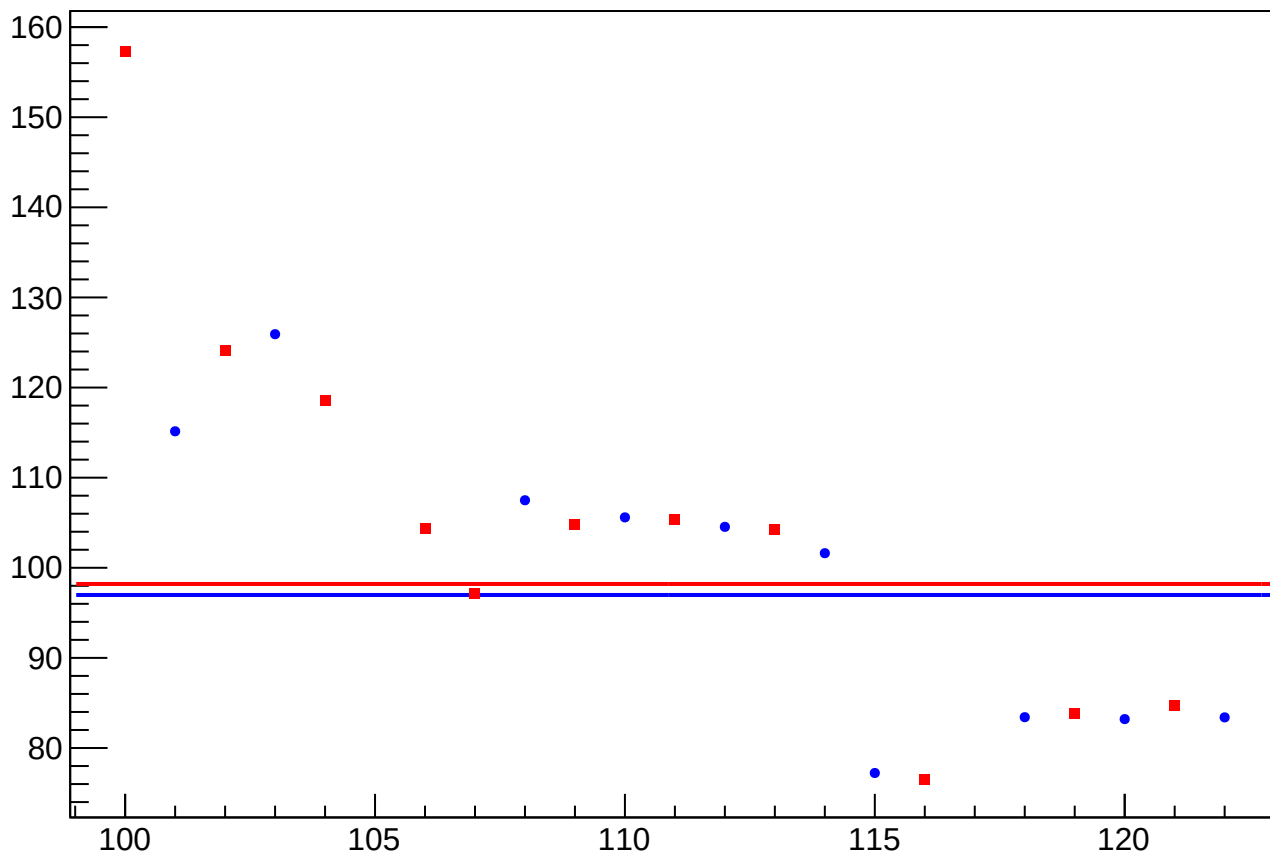
Right: 188.346 $\pm$ 33.847 χ^2 /NDF: 17.8/20

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: 188.346 $\pm$ 33.847 χ^2 /NDF: 17.8/20

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: 98.202+/-0.033 χ^2/NDF : 218984.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

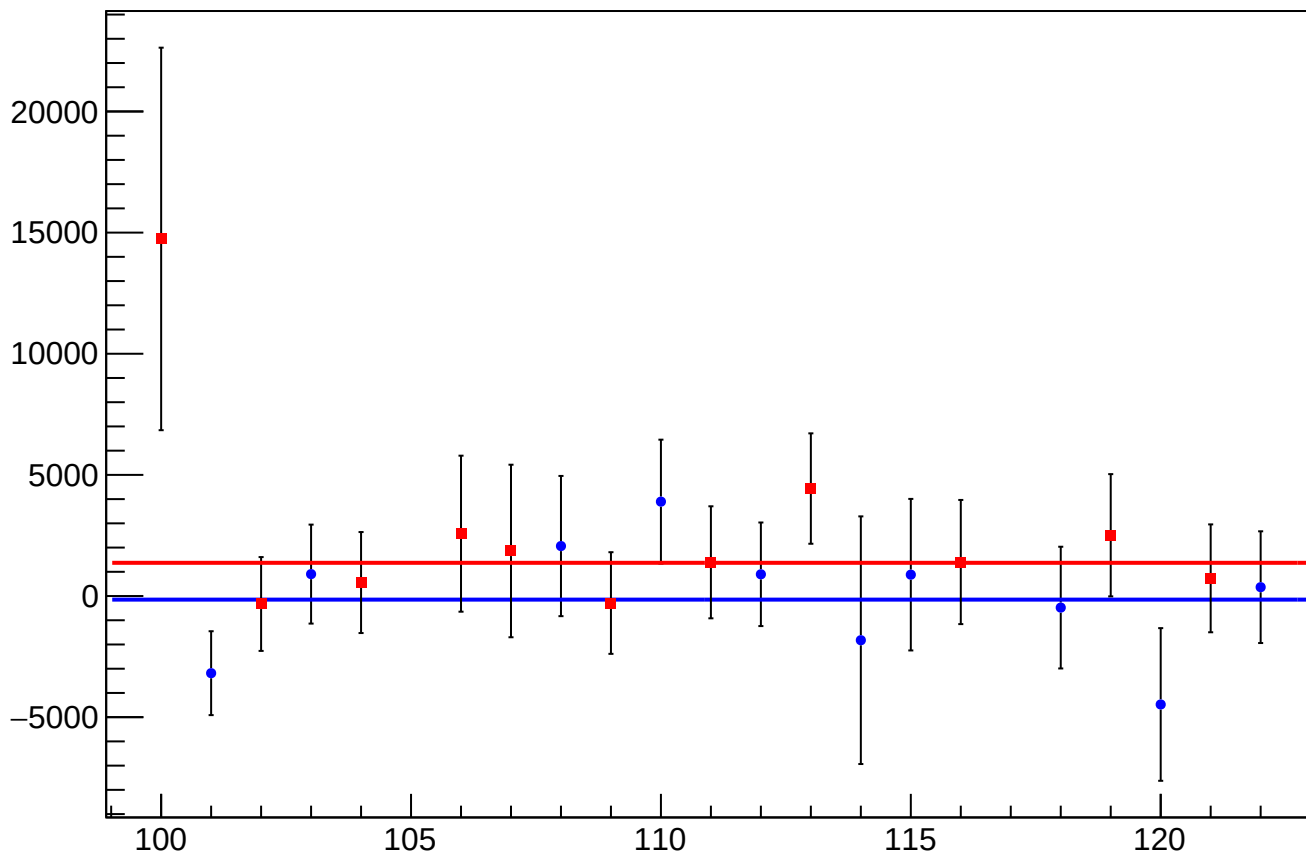
Right: 97.613+/-0.024 χ^2/NDF : 421570.0/20

In: 96.983+/-0.034 χ^2/NDF : 201937.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.613+/-0.024 χ^2/NDF : 421570.0/20

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: 1370.980+/-744.041 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

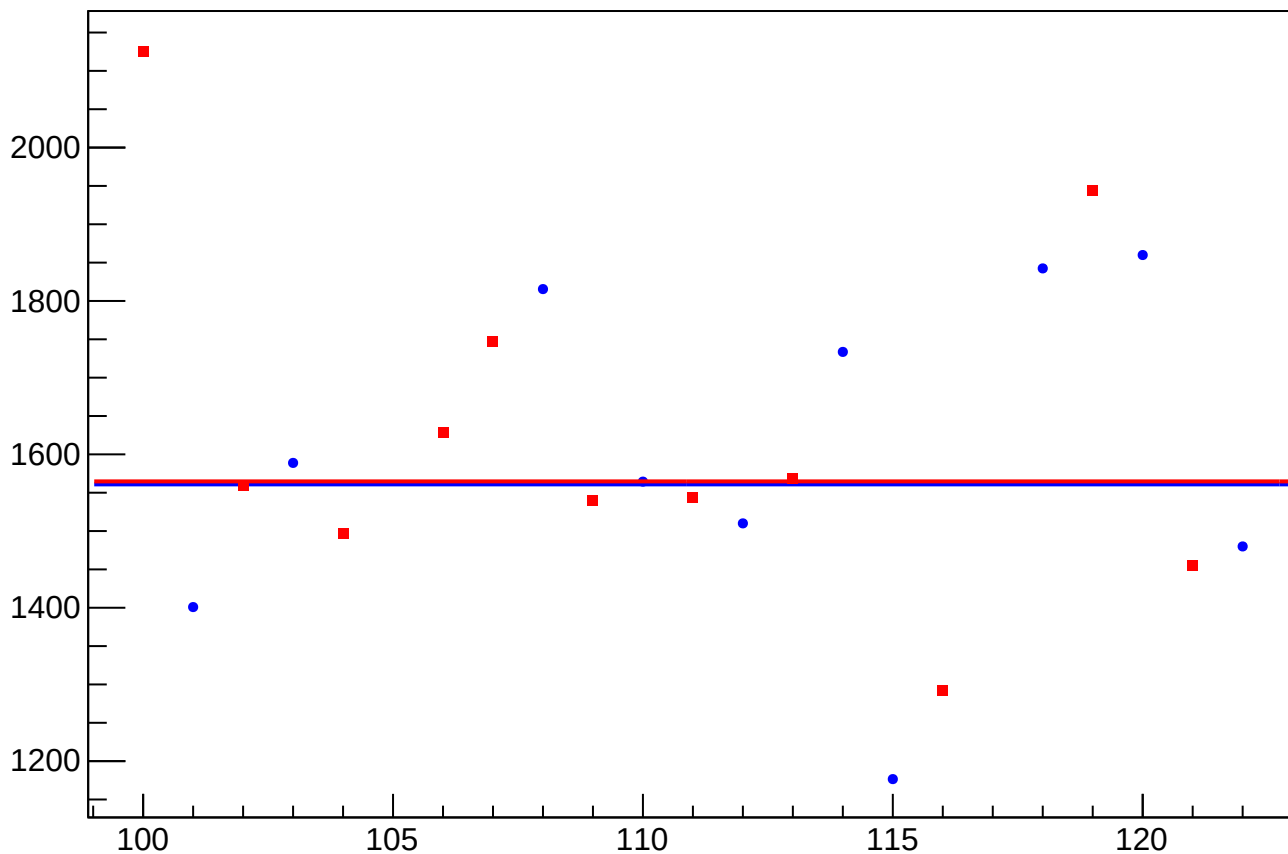
Right: 645.265+/-537.708 χ^2/NDF : 17.5/20

In: -148.124+/-777.959 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.265+/-537.708 χ^2/NDF : 17.5/20

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: 1564.761+/-0.526 χ^2/NDF : 91462.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

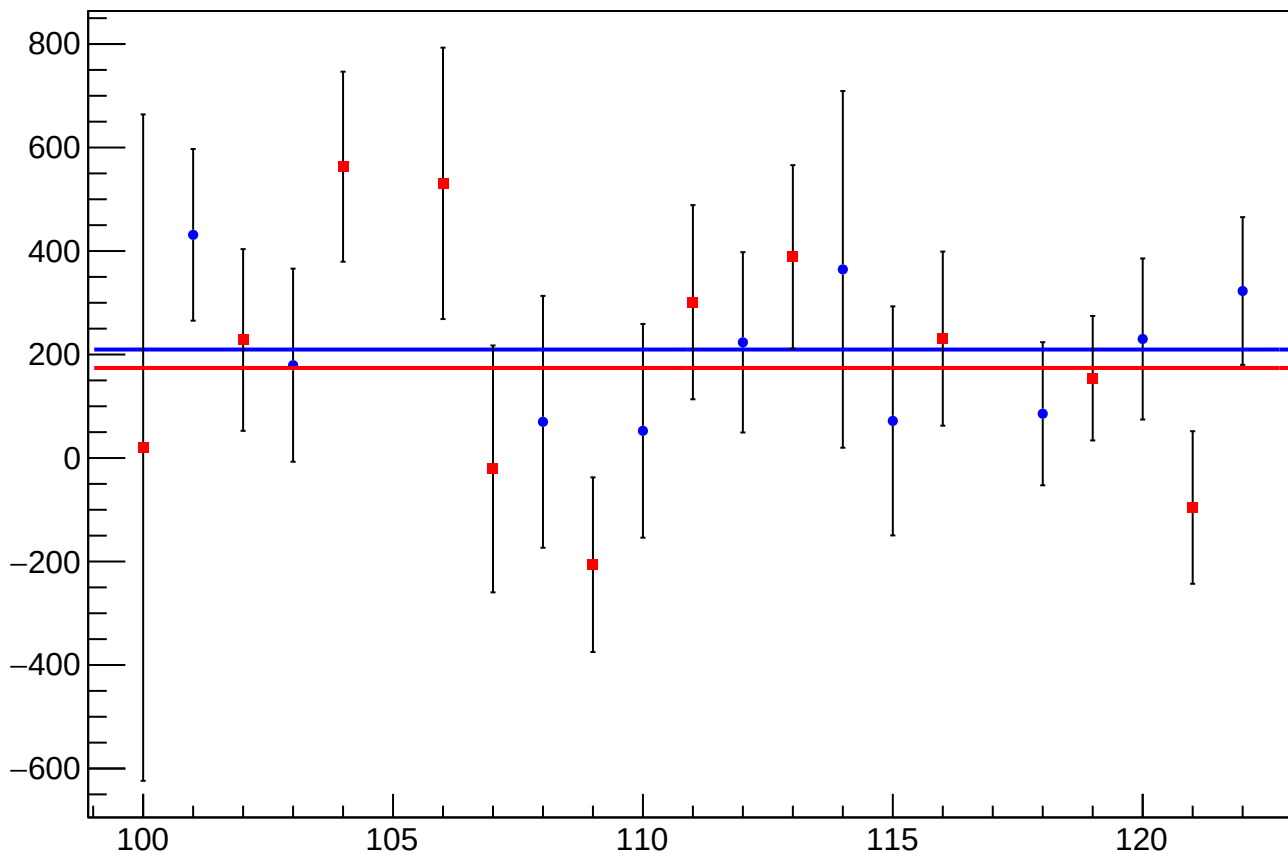
Right: 1562.899+/-0.380 χ^2/NDF : 203655.8/20

In: 1560.864+/-0.550 χ^2/NDF : 112166.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.899+/-0.380 χ^2/NDF : 203655.8/20

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: 174.040 $\pm$ 54.041 χ^2 /NDF: 17.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

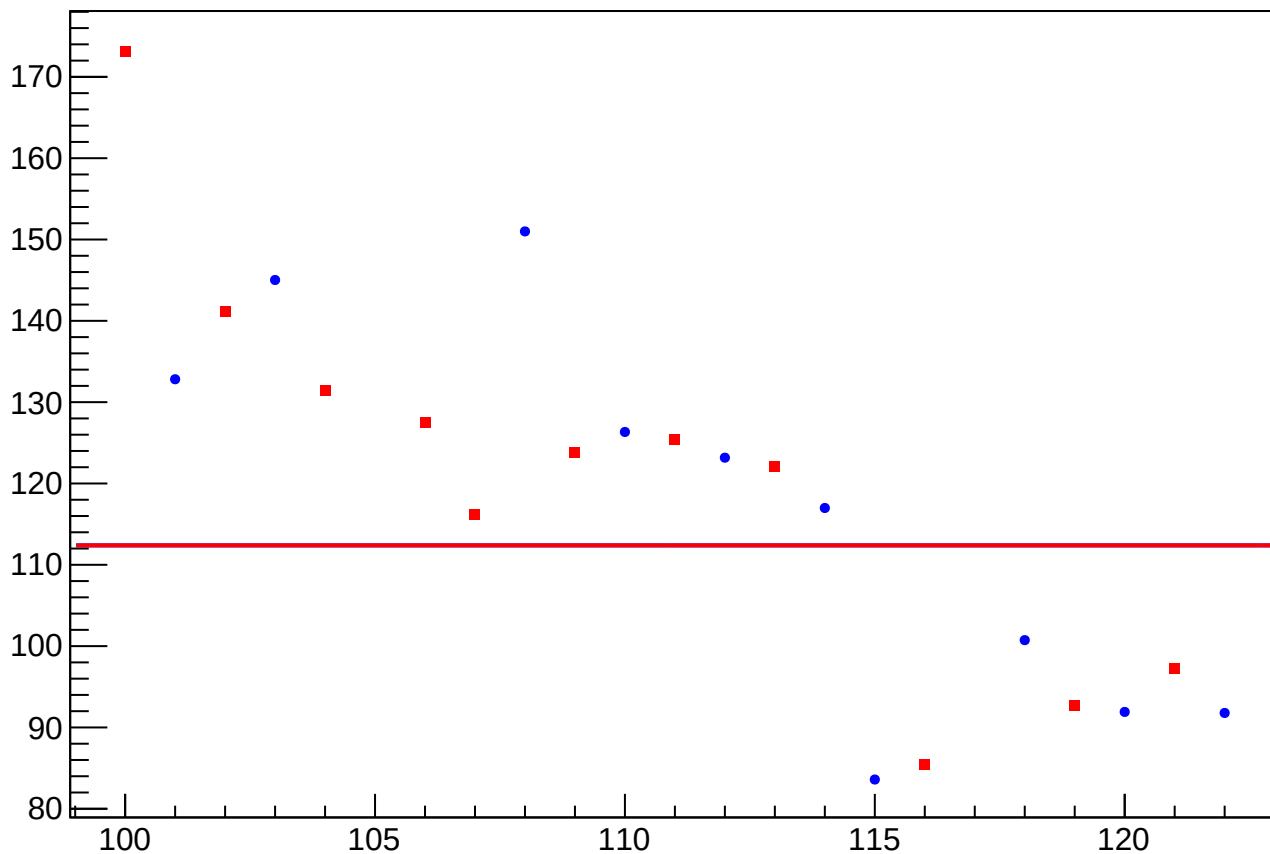
Right: 190.959 $\pm$ 39.155 χ^2 /NDF: 22.6/20

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: 190.959 $\pm$ 39.155 χ^2 /NDF: 22.6/20

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: 112.391+/-0.038 χ^2/NDF : 250924.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

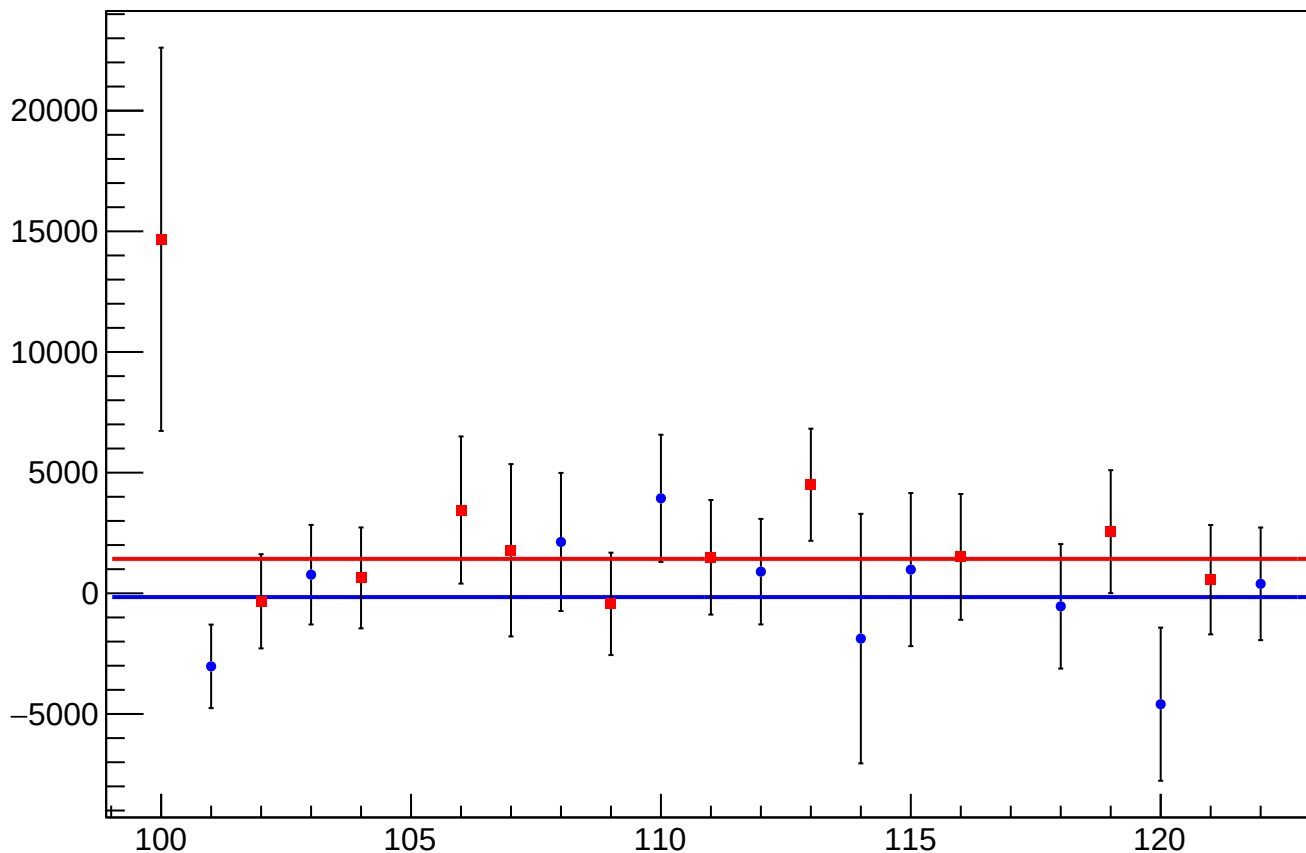
Right: 112.389+/-0.028 χ^2/NDF : 534313.0/20

In: 112.386+/-0.040 χ^2/NDF : 283388.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.389+/-0.028 χ^2/NDF : 534313.0/20

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: 1426.344+/-750.902 χ^2/NDF : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

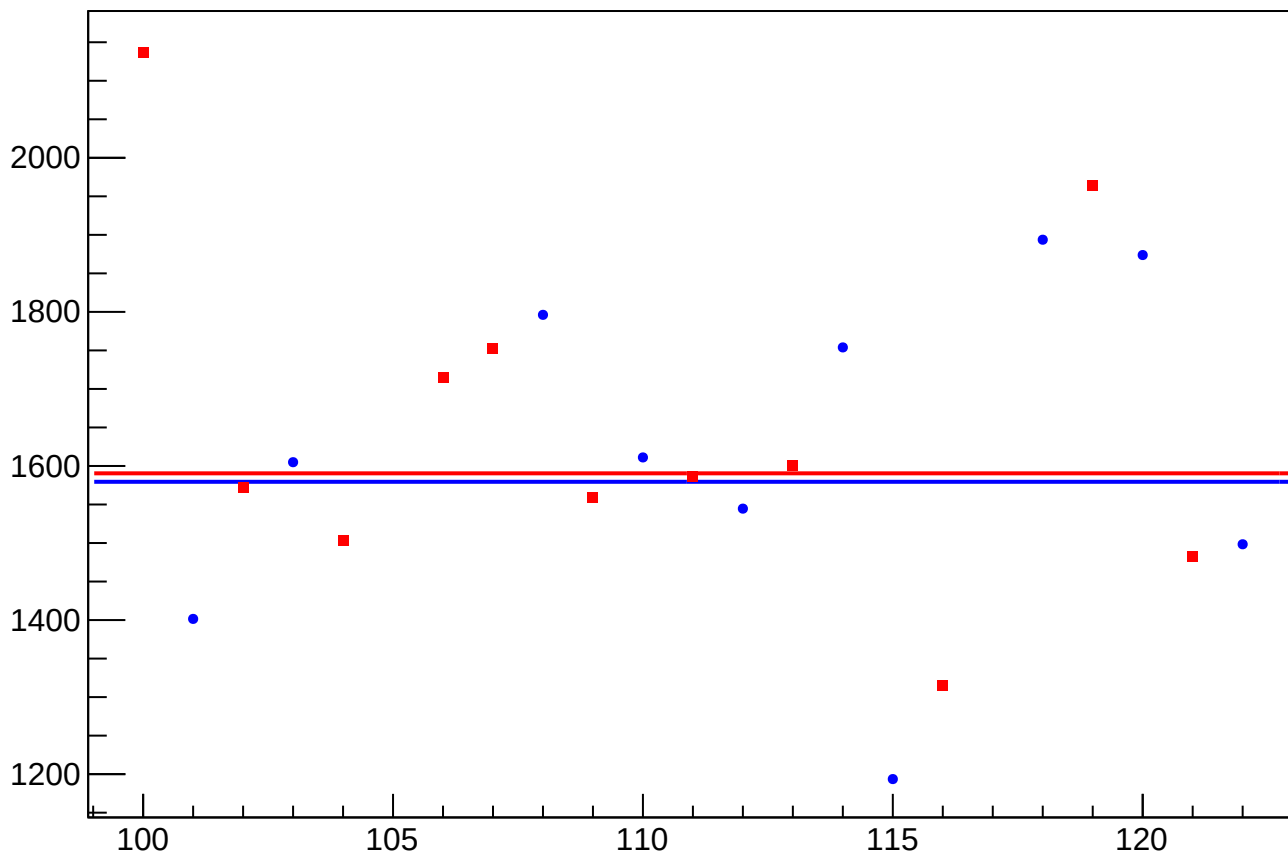
Right: 672.409+/-543.322 χ^2/NDF : 17.7/20

In: -156.021+/-787.126 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.409+/-543.322 χ^2/NDF : 17.7/20

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: 1590.462+/-0.531 χ^2/NDF : 90995.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

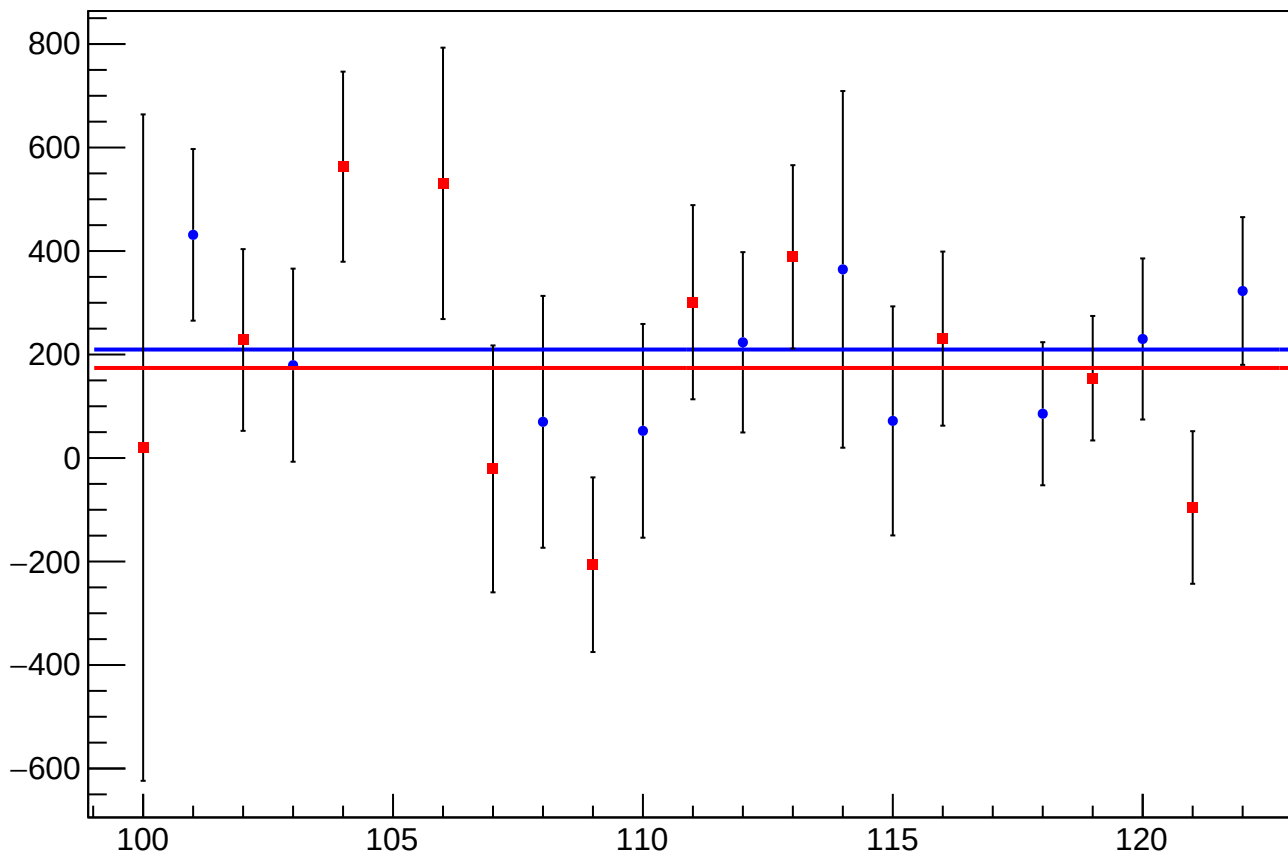
Right: 1585.224+/-0.384 χ^2/NDF : 206063.0/20

In: 1579.470+/-0.557 χ^2/NDF : 114863.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.224+/-0.384 χ^2/NDF : 206063.0/20

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: 174.036 $\pm$ 54.041 χ^2 /NDF: 17.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

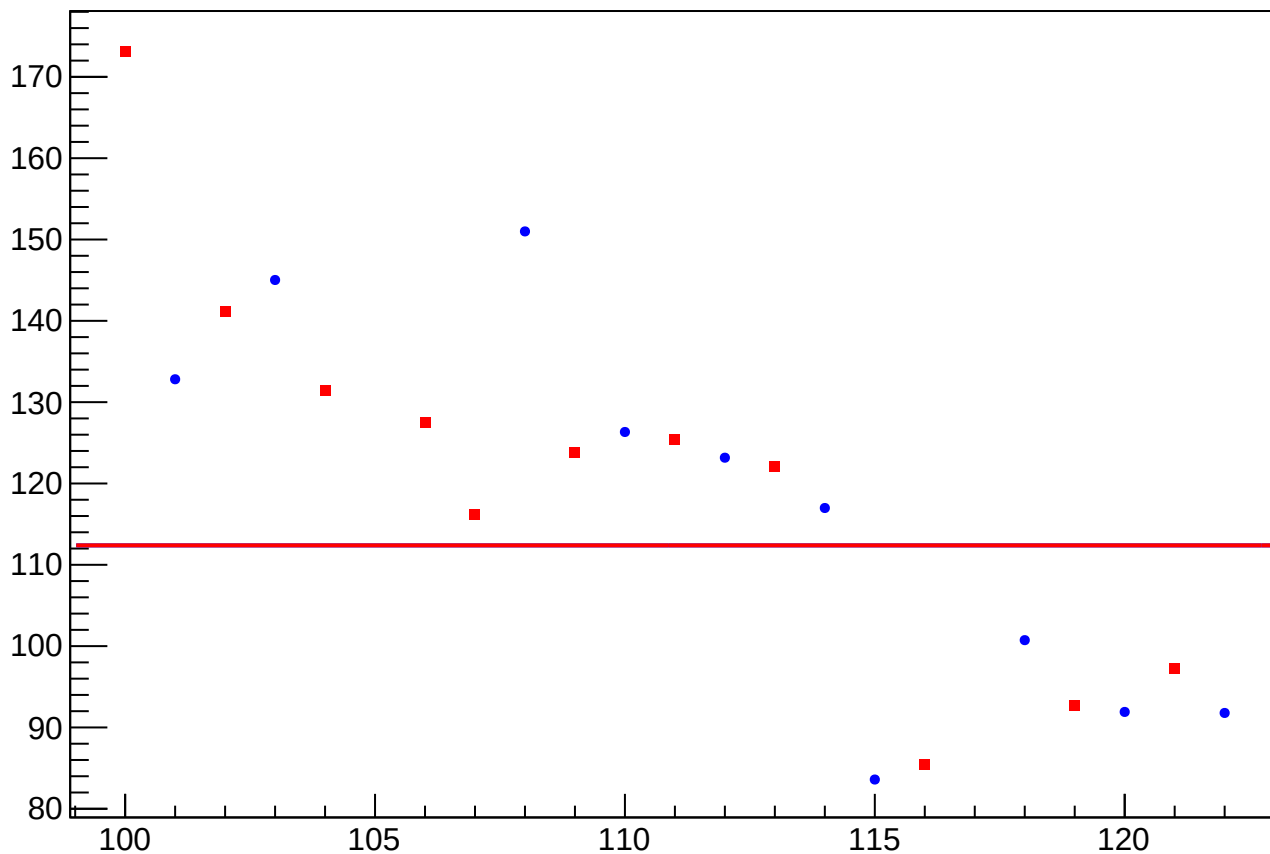
Right: 190.956 $\pm$ 39.154 χ^2 /NDF: 22.6/20

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: 190.956 $\pm$ 39.154 χ^2 /NDF: 22.6/20

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: 112.390+/-0.038 χ^2/NDF : 250922.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

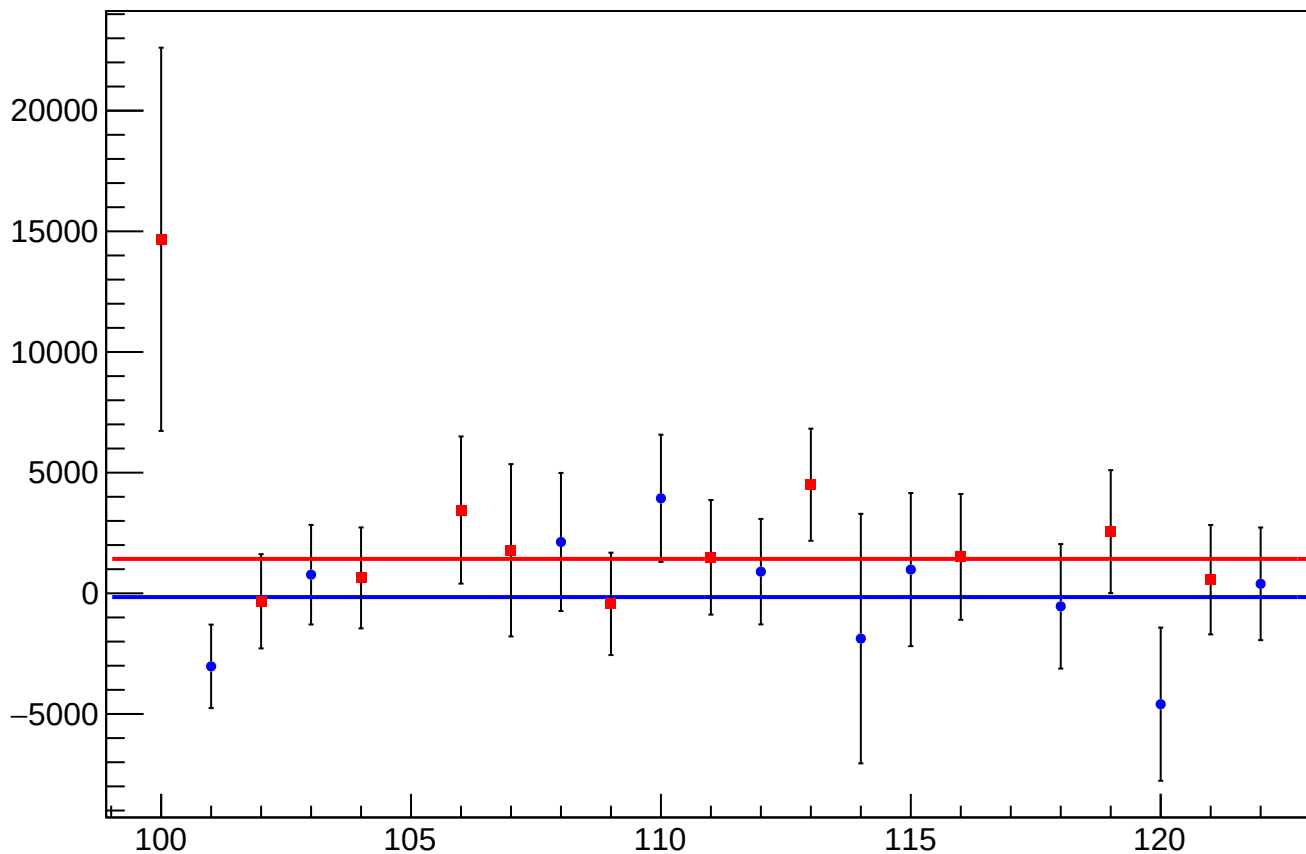
Right: 112.388+/-0.028 χ^2/NDF : 534311.8/20

In: 112.385+/-0.040 χ^2/NDF : 283388.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.388+/-0.028 χ^2/NDF : 534311.8/20

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: 1426.342+/-750.900 χ^2 /NDF: 7.0/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

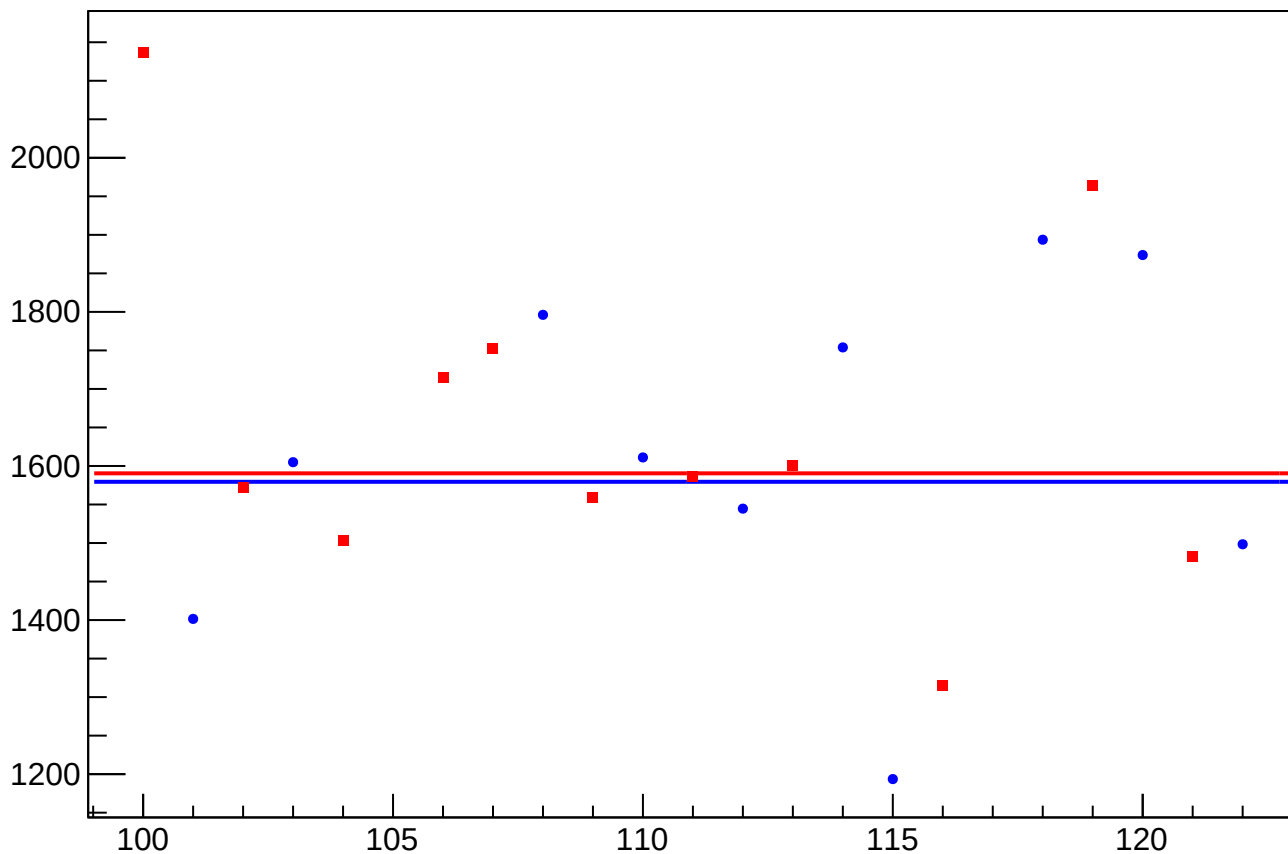
Right: 672.410+/-543.321 χ^2 /NDF: 17.7/20

In: -156.019+/-787.124 χ^2 /NDF:8.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 672.410+/-543.321 χ^2 /NDF: 17.7/20

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: 1590.458+/-0.531 χ^2/NDF : 90995.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

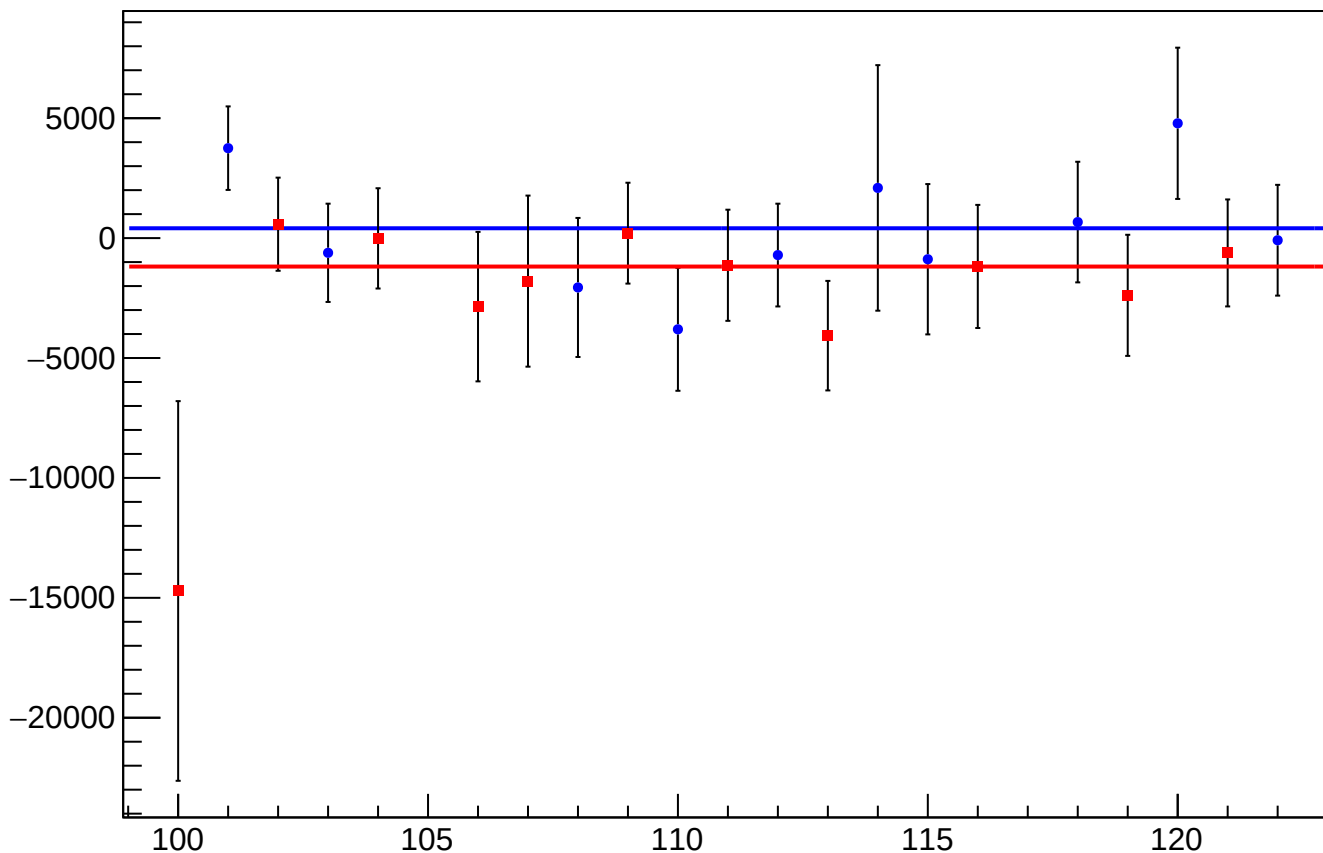
Right: 1585.221+/-0.384 χ^2/NDF : 206061.8/20

In: 1579.466+/-0.557 χ^2/NDF : 114862.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.221+/-0.384 χ^2/NDF : 206061.8/20

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: -1186.439+/-744.299 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

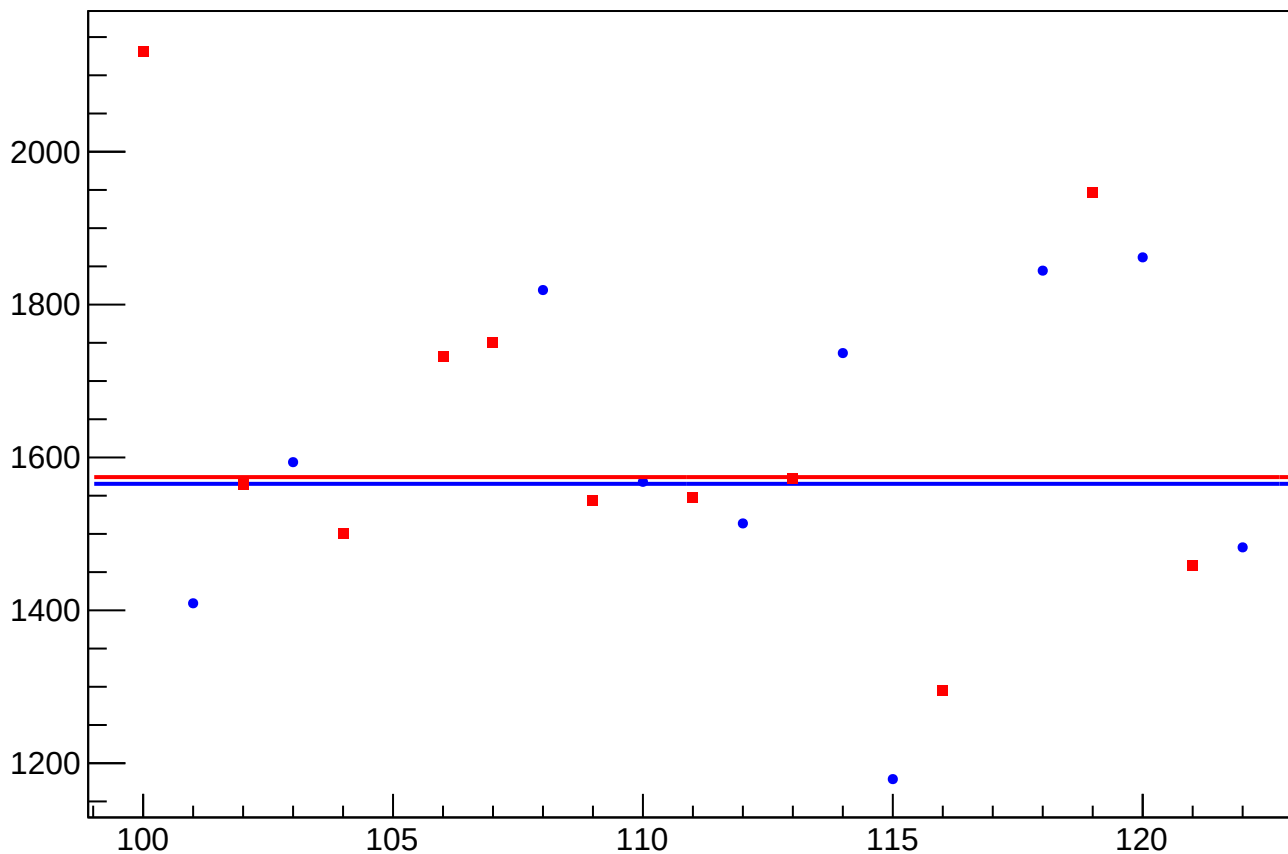
Right: -425.681+/-538.534 χ^2/NDF : 18.8/20

In: 410.174+/-780.171 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.681+/-538.534 χ^2/NDF : 18.8/20

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: 1574.322+/-0.526 χ^2/NDF : 95606.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

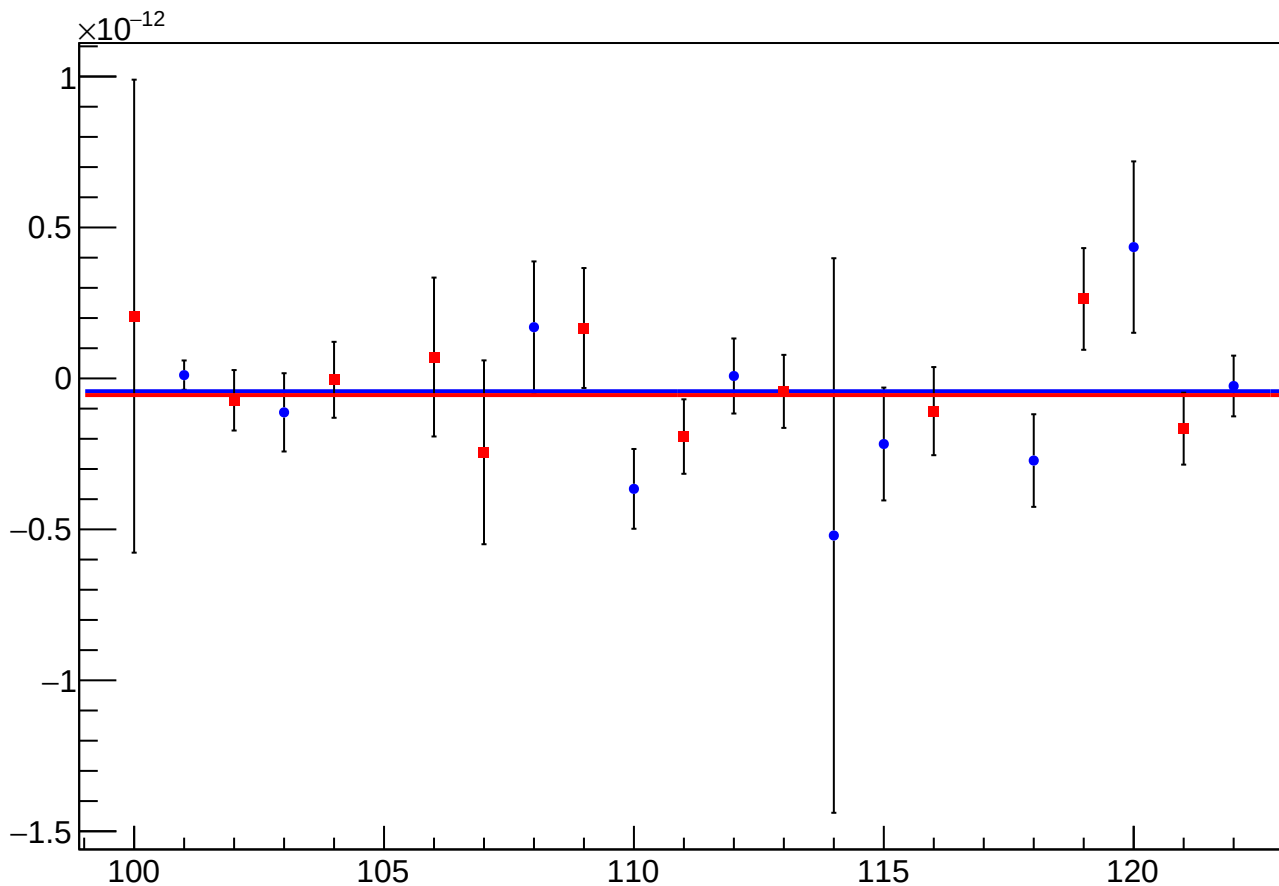
Right: 1570.124+/-0.381 χ^2/NDF : 206153.1/20

In: 1565.511+/-0.552 χ^2/NDF : 110412.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1570.124+/-0.381 χ^2/NDF : 206153.1/20

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 : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

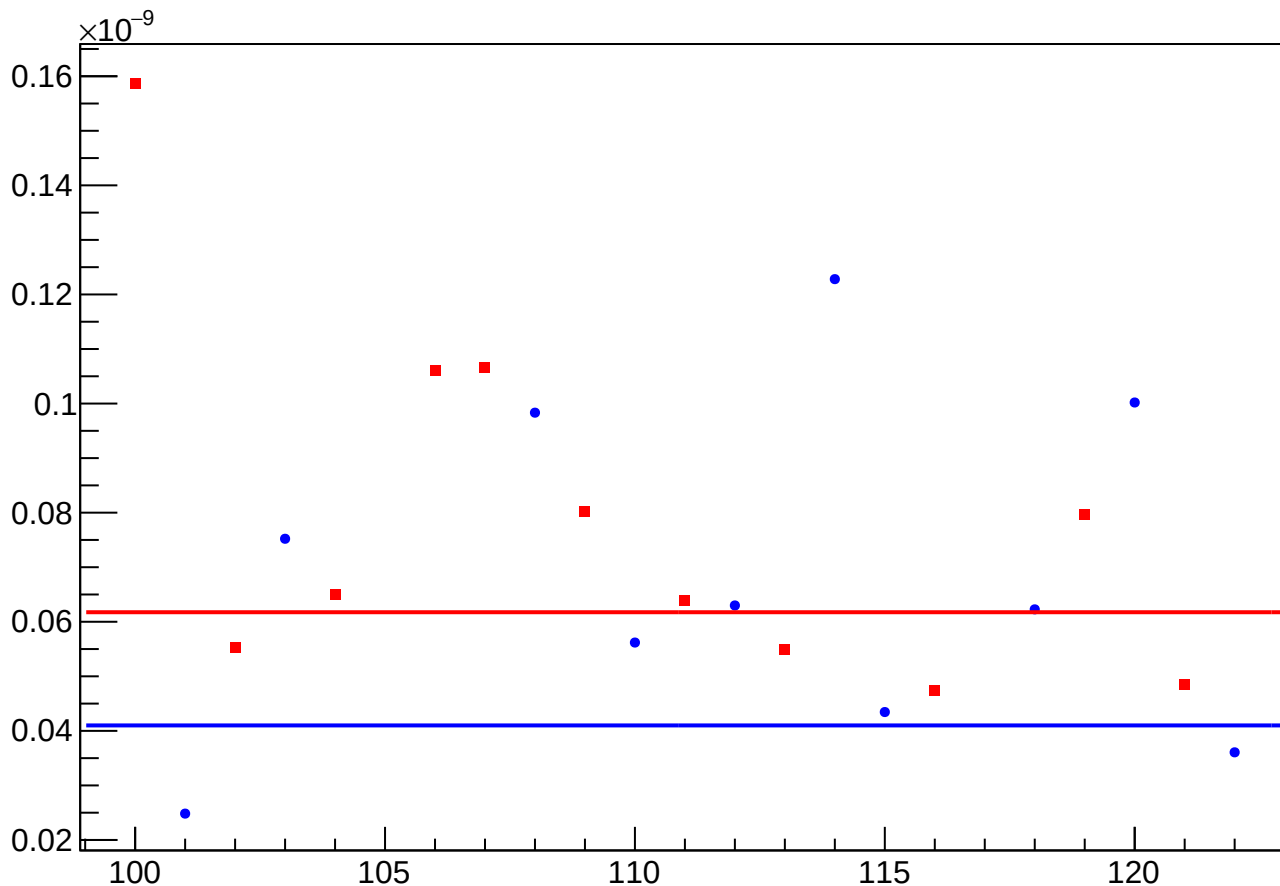
Right: -0.000+/-0.000 χ^2/NDF : 22.9/20

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 : 22.9/20

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 : 230629.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

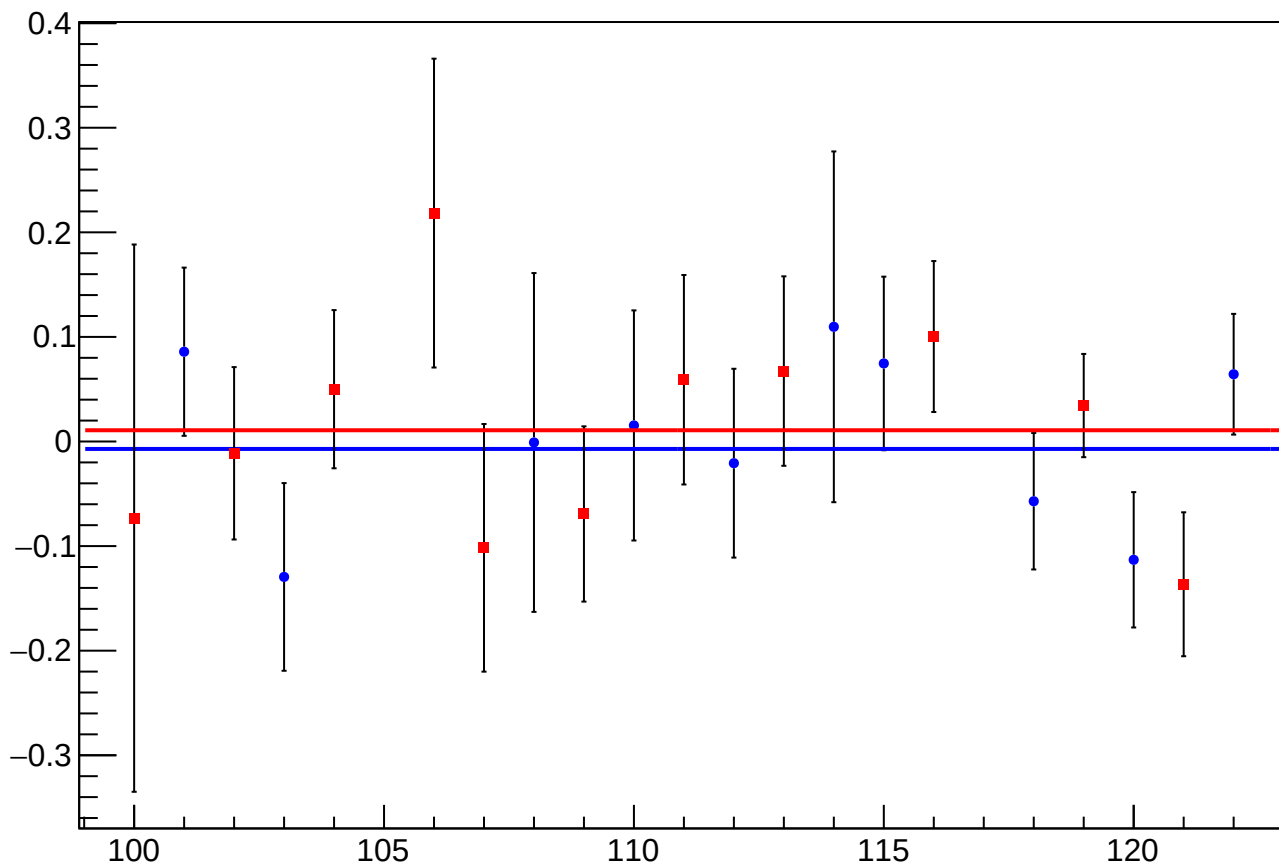
Right: 0.000+/-0.000 χ^2/NDF : 1232501.3/20

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 : 1232501.3/20

asym_sam_24_68_dd_dit_vs_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: 0.011+/-0.025 χ^2 /NDF: 11.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

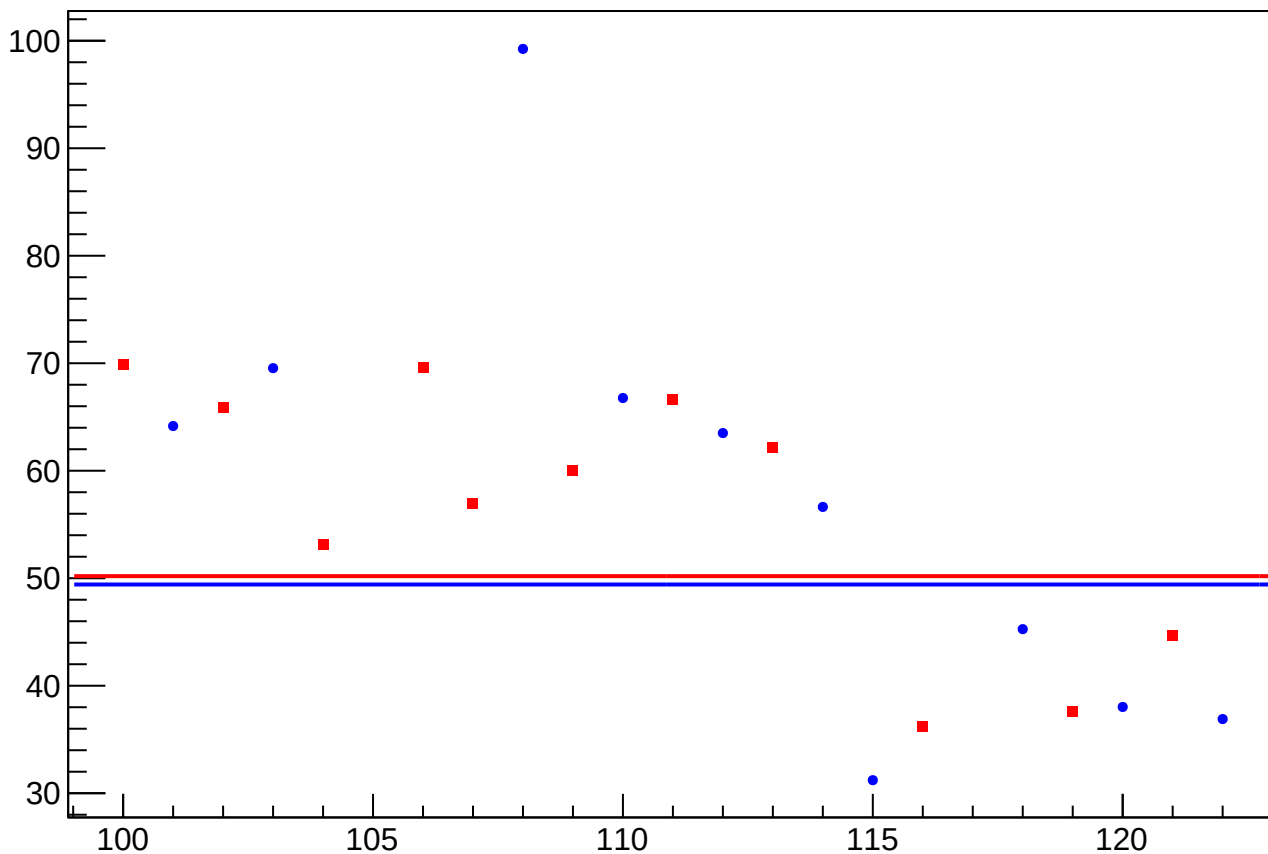
Right: 0.002+/-0.018 χ^2 /NDF: 21.0/20

In: -0.007+/-0.026 χ^2 /NDF:9.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.002+/-0.018 χ^2 /NDF: 21.0/20

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: 50.193+/-0.018 χ^2/NDF : 462053.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

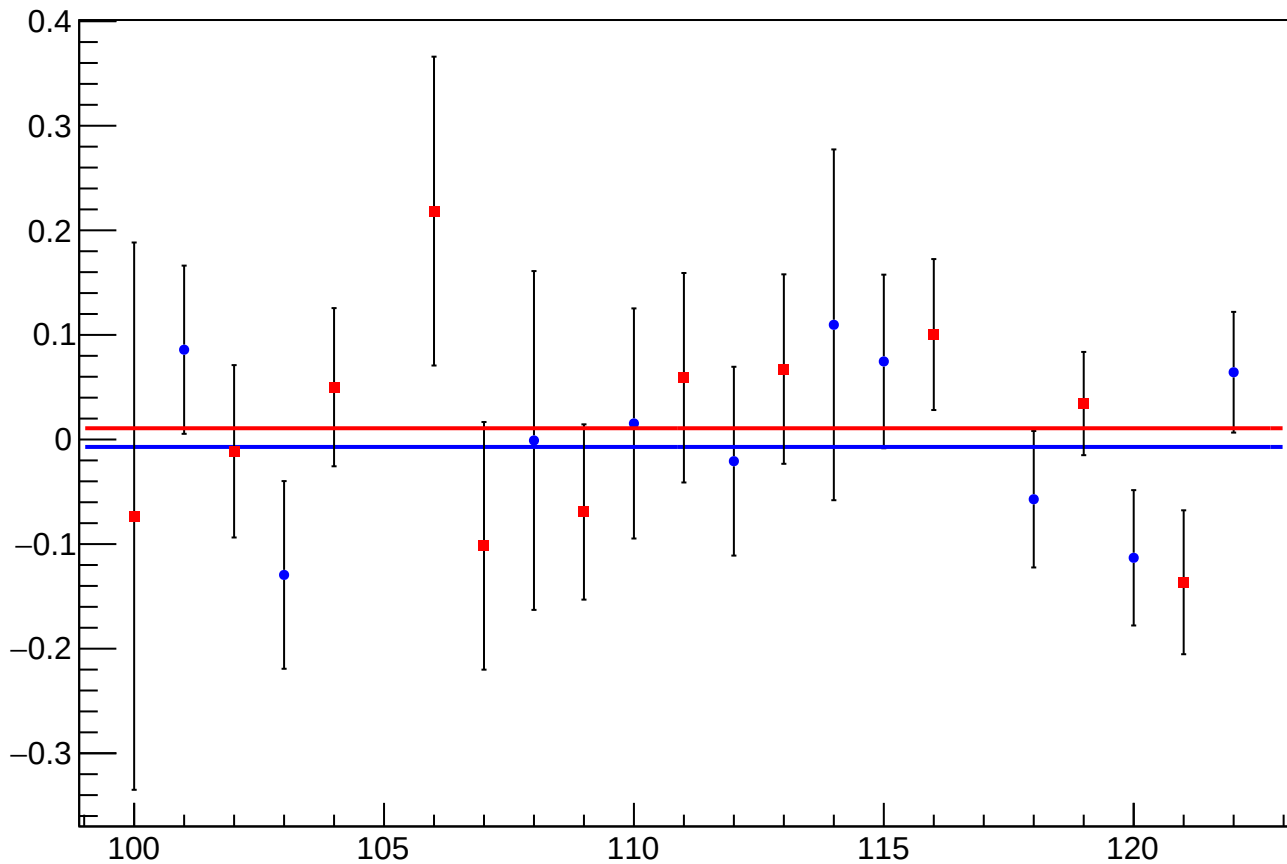
Right: 49.824+/-0.013 χ^2/NDF : 1182653.4/20

In: 49.417+/-0.018 χ^2/NDF : 719664.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.824+/-0.013 χ^2/NDF : 1182653.4/20

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: 0.011 $\pm$ 0.025 χ^2 /NDF: 11.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

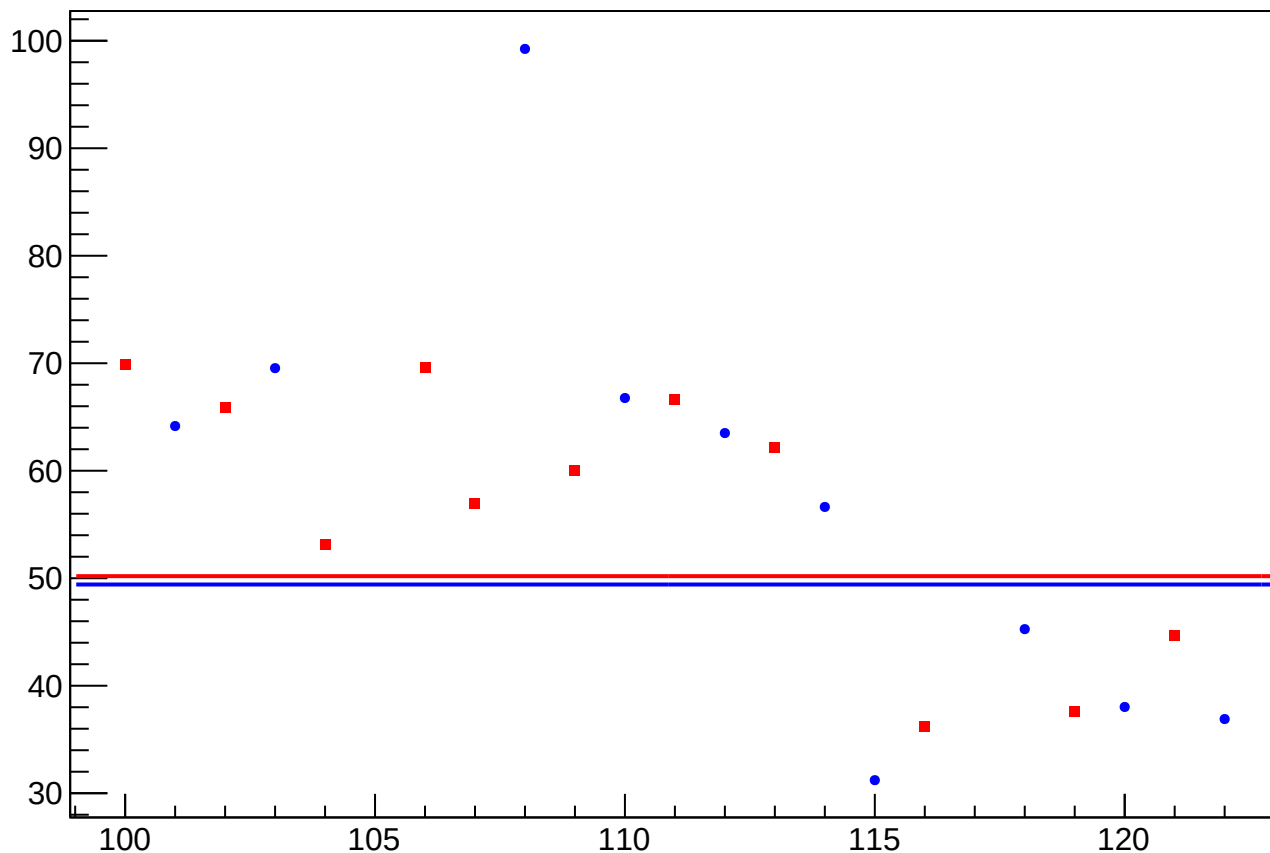
Right: 0.002 $\pm$ 0.018 χ^2 /NDF: 21.0/20

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: 0.002 $\pm$ 0.018 χ^2 /NDF: 21.0/20

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: 50.193+/-0.018 χ^2/NDF : 462053.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

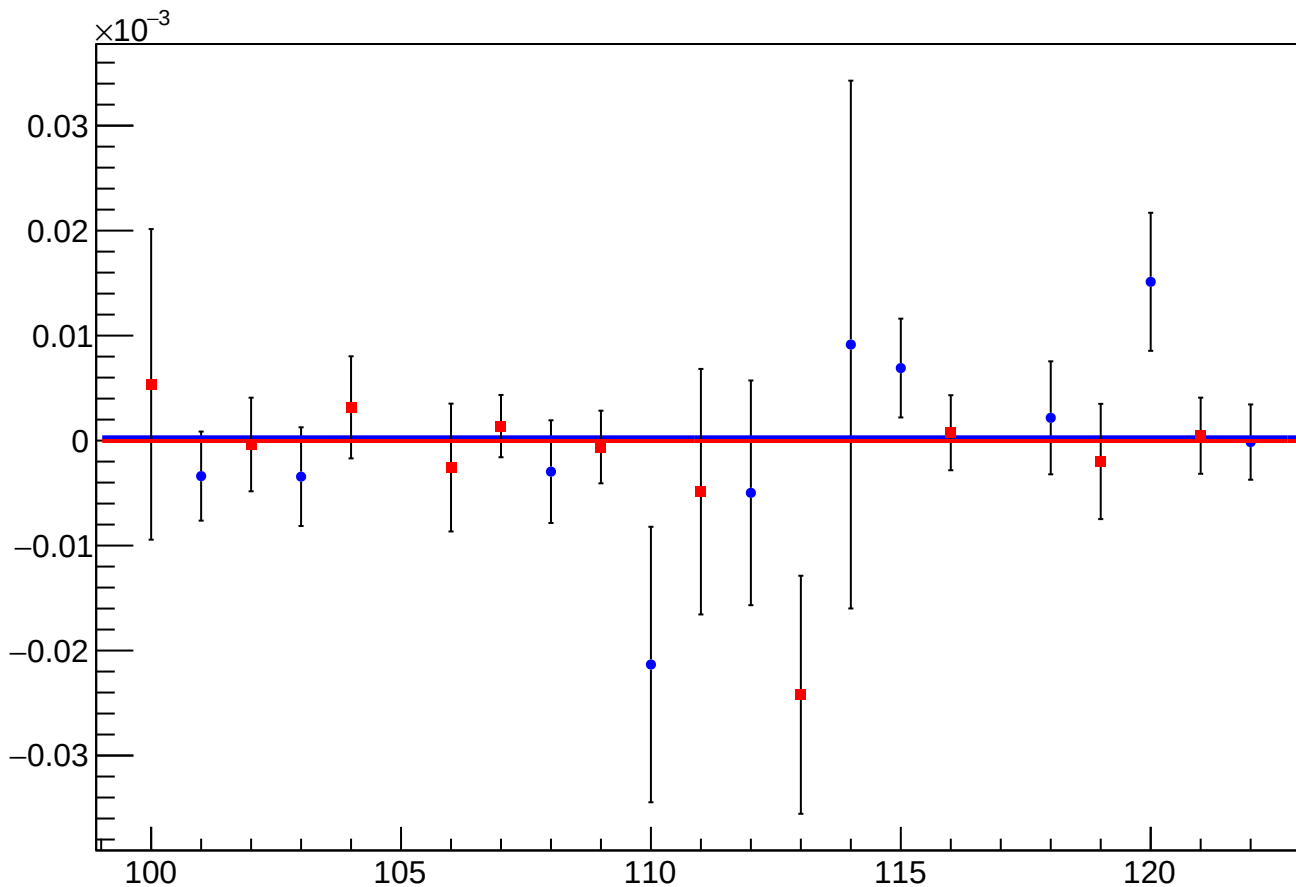
Right: 49.824+/-0.013 χ^2/NDF : 1182653.4/20

In: 49.417+/-0.018 χ^2/NDF : 719664.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.824+/-0.013 χ^2/NDF : 1182653.4/20

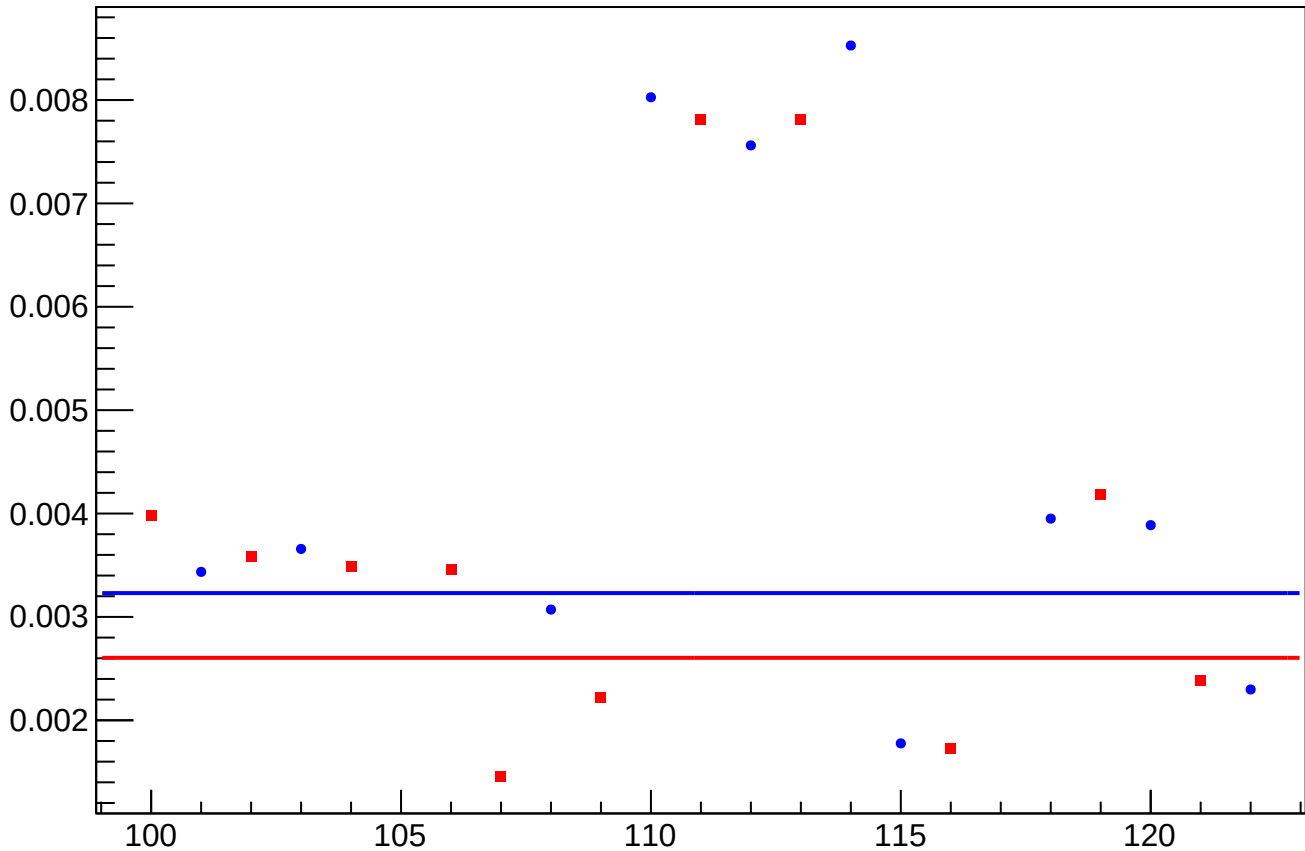
asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.1/9
 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 : 18.0/20
 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 : 18.0/20

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: 0.003+/-0.000 χ^2/NDF : 1656363.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

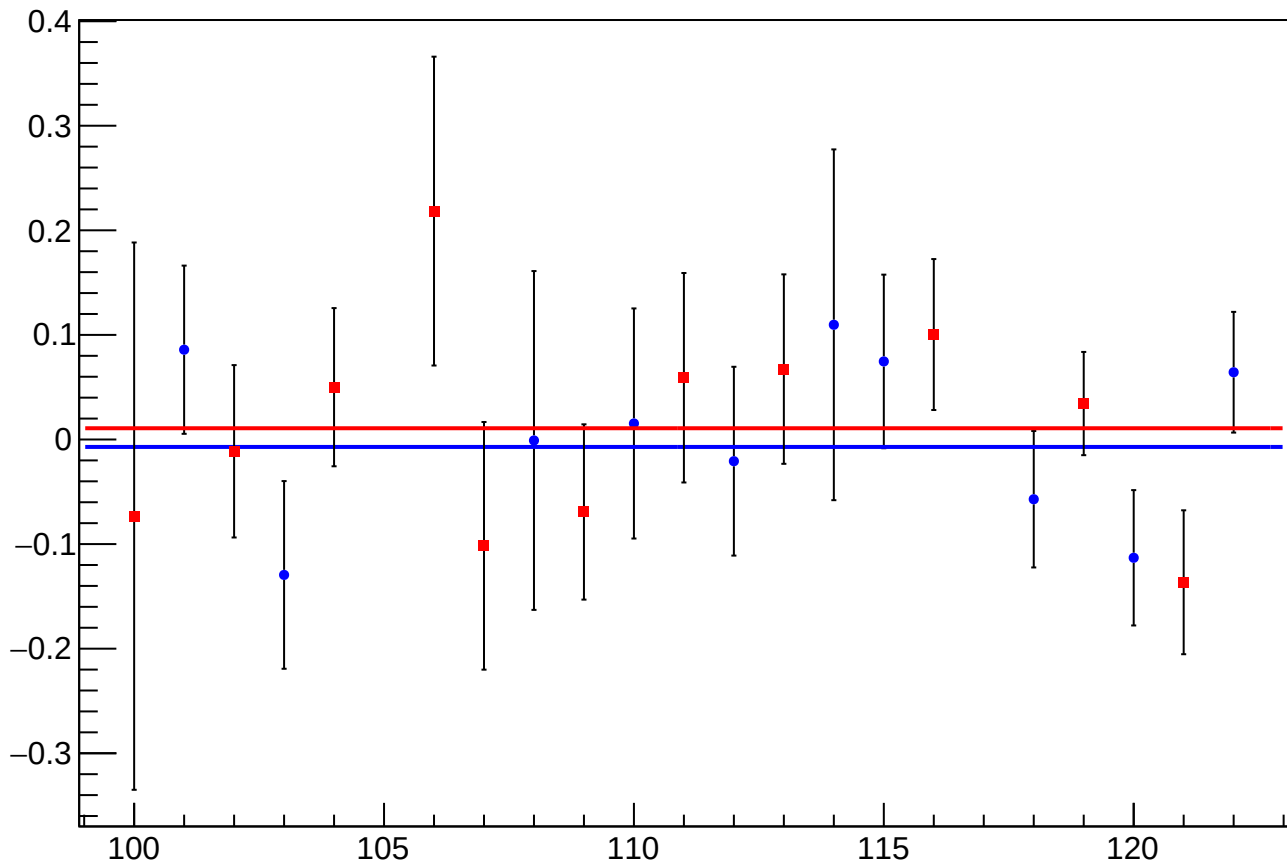
Right: 0.003+/-0.000 χ^2/NDF : 2906752.8/20

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 : 2906752.8/20

asym_sam_24_68_dd_eigen_dit_vs_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: 0.011+/-0.025 χ^2/NDF : 11.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

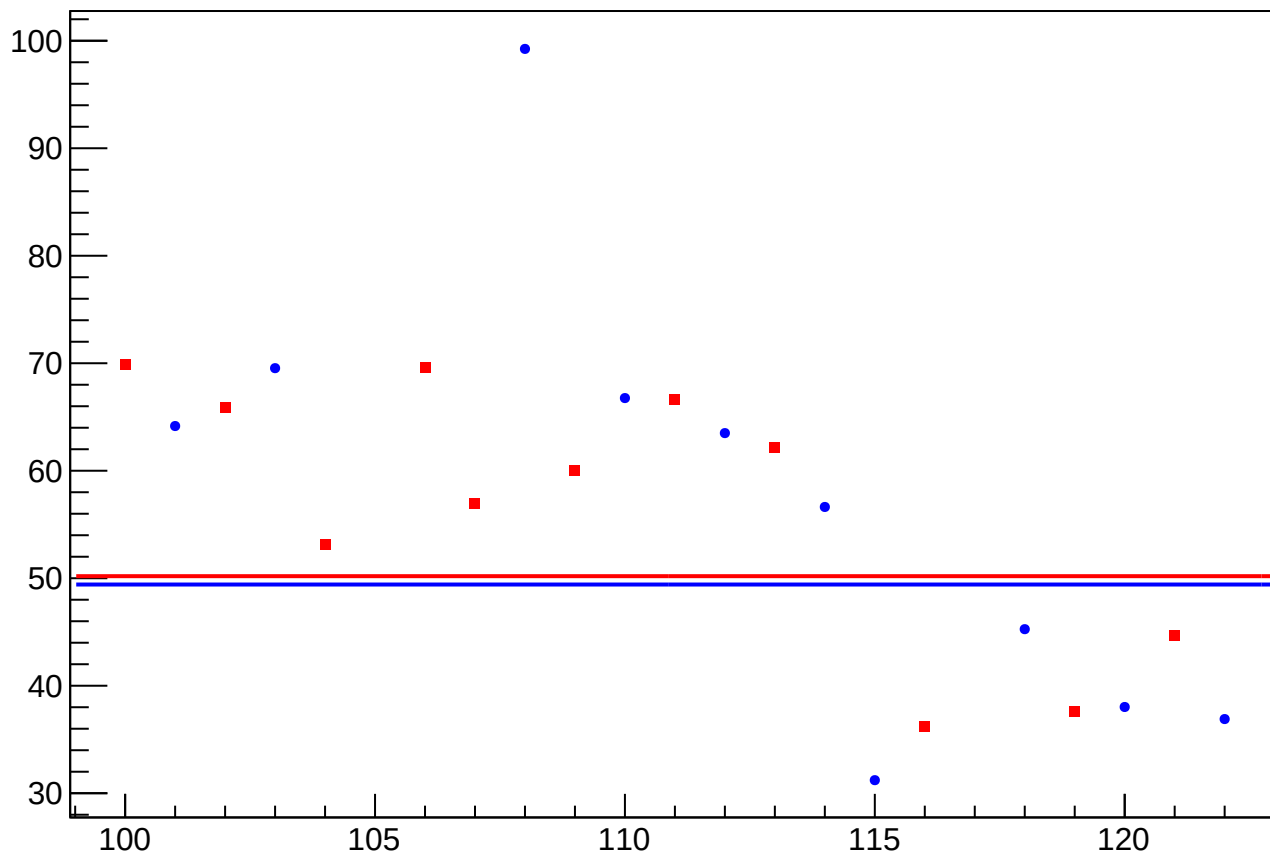
Right: 0.002+/-0.018 χ^2/NDF : 21.0/20

In: -0.007+/-0.026 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.018 χ^2/NDF : 21.0/20

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: 50.192+/-0.018 χ^2/NDF : 462061.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

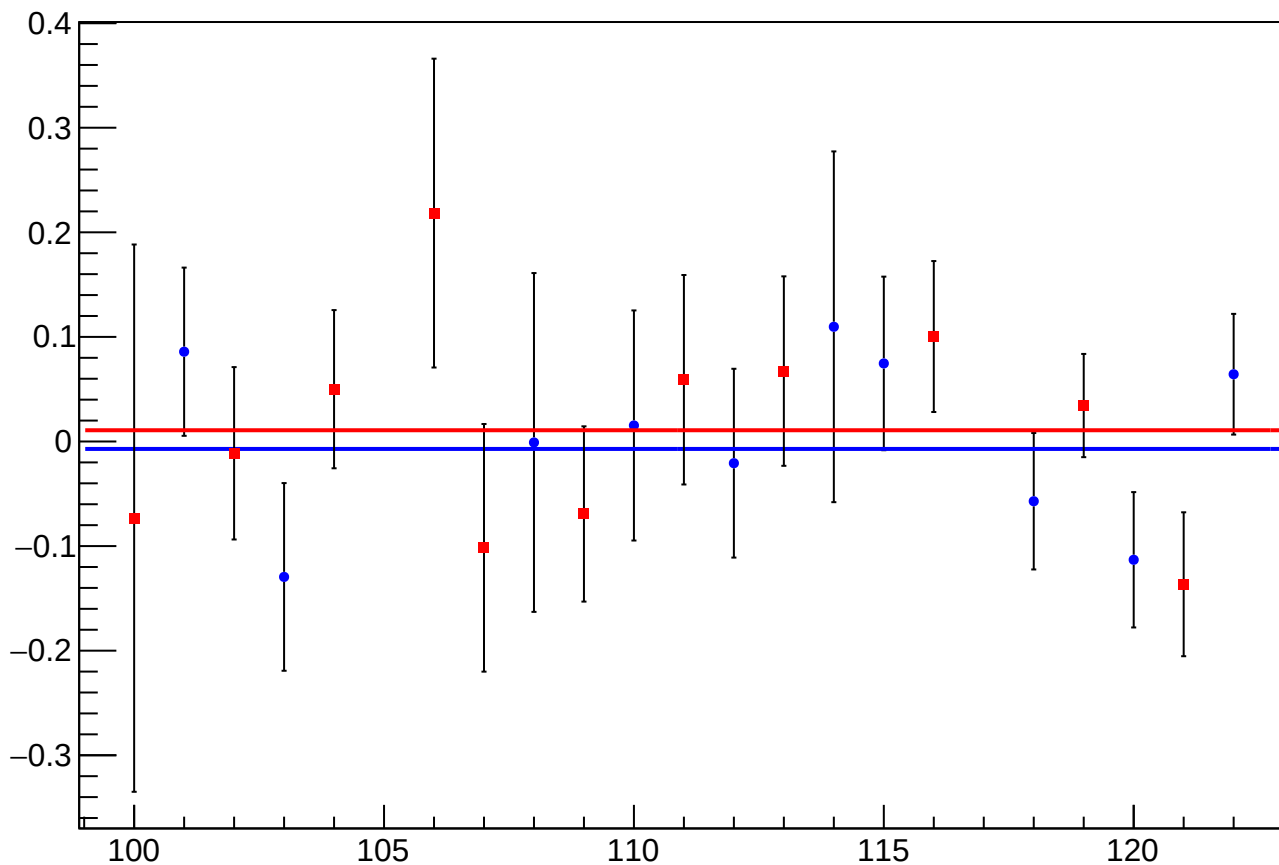
Right: 49.823+/-0.013 χ^2/NDF : 1182657.2/20

In: 49.415+/-0.018 χ^2/NDF : 719660.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.823+/-0.013 χ^2/NDF : 1182657.2/20

asym_sam_24_68_dd_eigen_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: 0.011 $\pm$ 0.025 χ^2 /NDF: 11.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

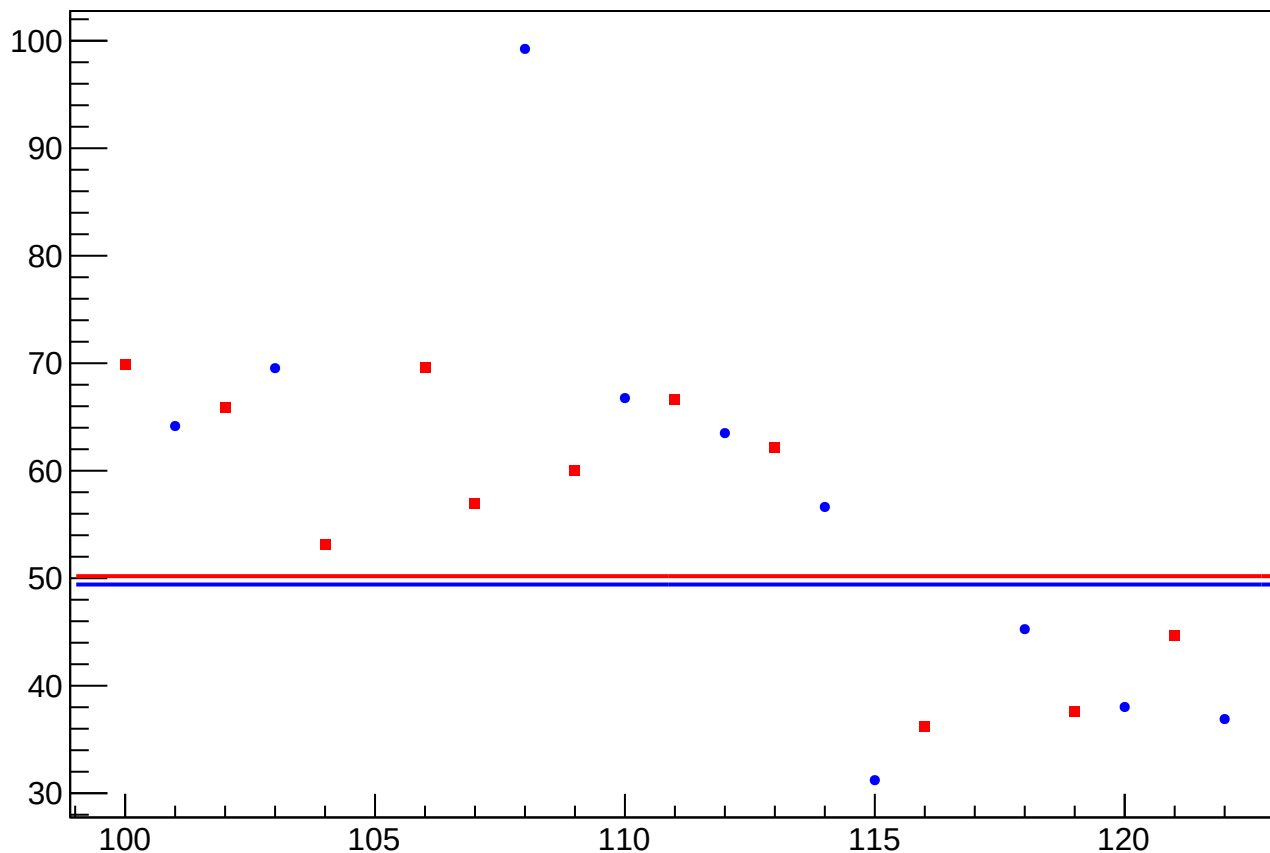
Right: 0.002 $\pm$ 0.018 χ^2 /NDF: 21.0/20

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: 0.002 $\pm$ 0.018 χ^2 /NDF: 21.0/20

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: 50.192+/-0.018 χ^2/NDF : 462061.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

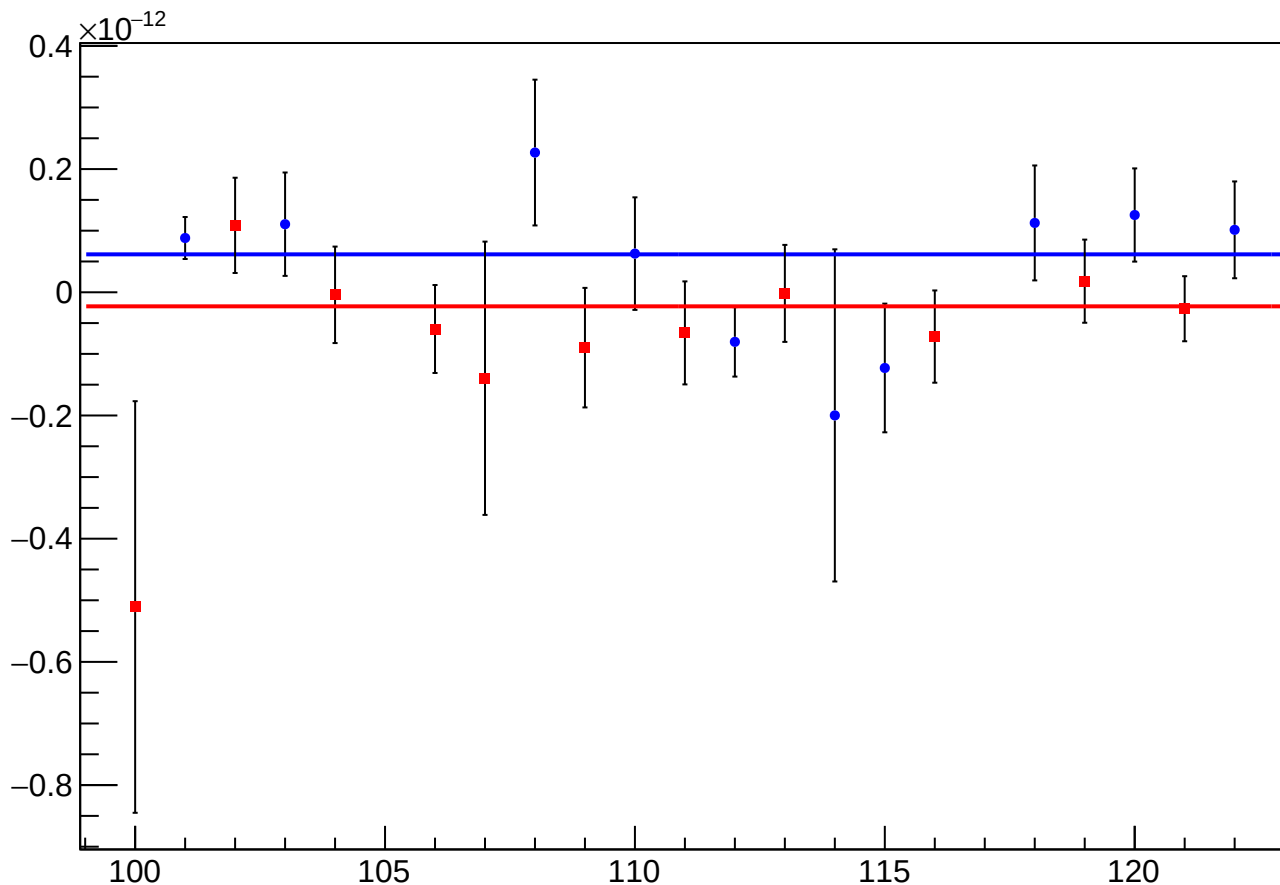
Right: 49.823+/-0.013 χ^2/NDF : 1182657.2/20

In: 49.415+/-0.018 χ^2/NDF : 719660.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.823+/-0.013 χ^2/NDF : 1182657.2/20

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 : 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

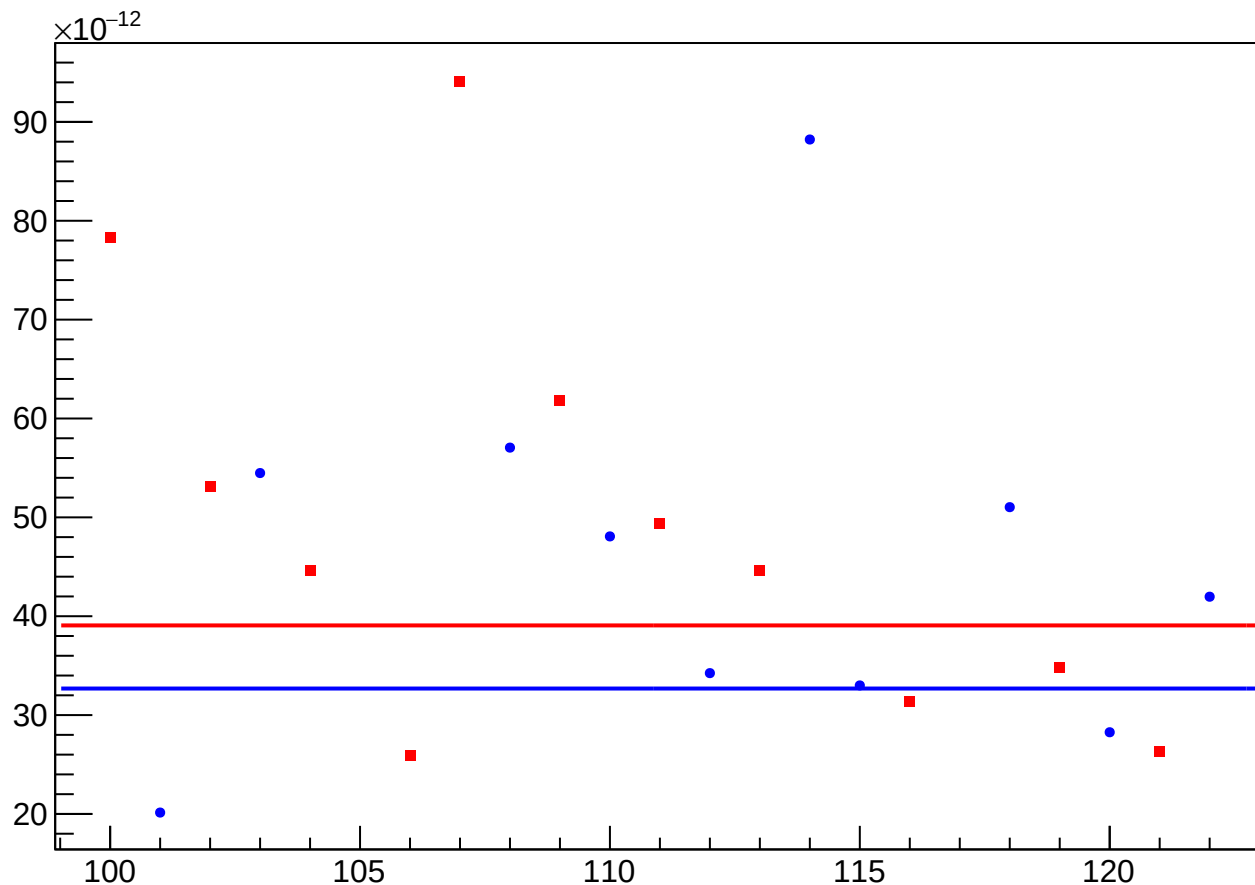
Right: 0.000+/-0.000 χ^2/NDF : 28.5/20

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 : 28.5/20

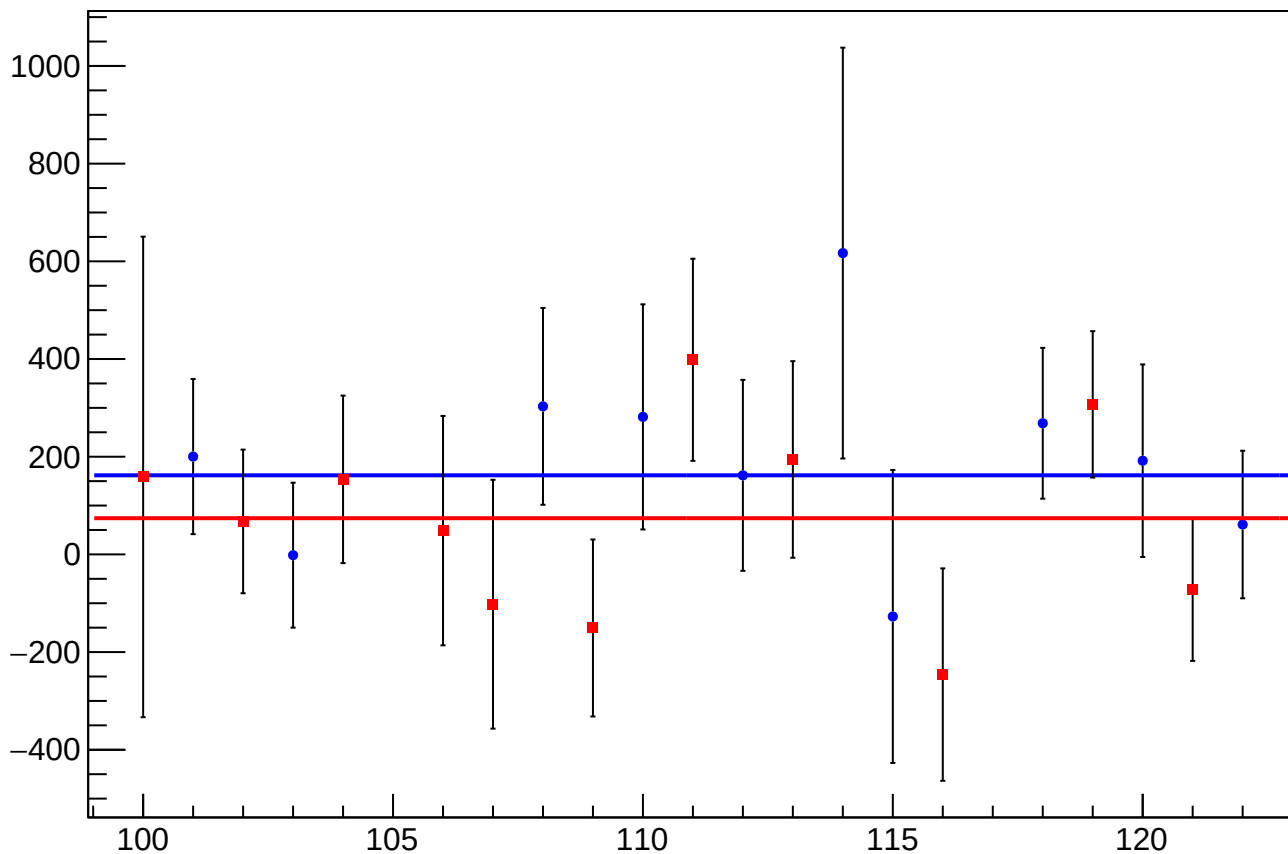
asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 591636.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1414271.1/20
 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 : 1414271.1/20

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: 74.092 $\pm$ 56.877 χ^2 /NDF: 10.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

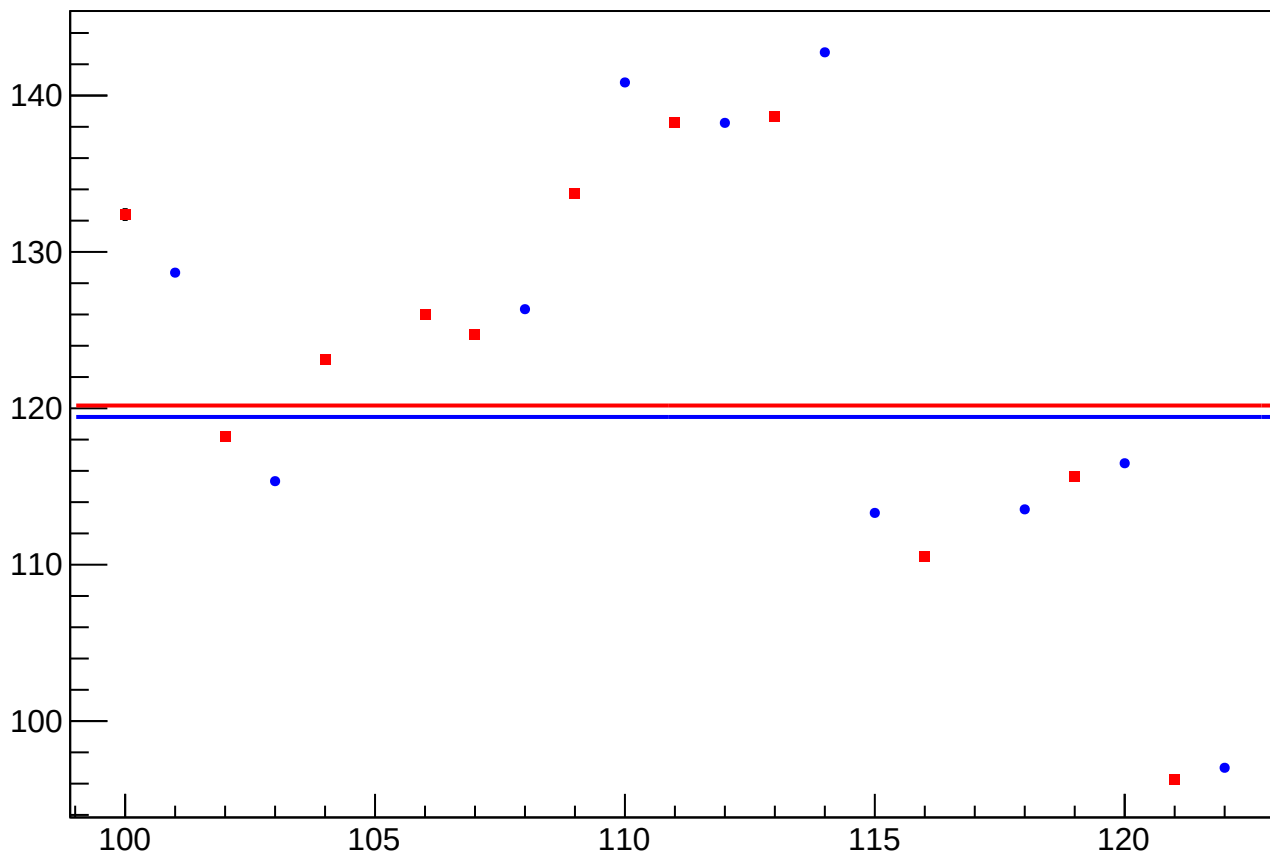
Right: 116.064 $\pm$ 41.097 χ^2 /NDF: 16.9/20

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: 116.064 $\pm$ 41.097 χ^2 /NDF: 16.9/20

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: 120.179 $\pm$ 0.040 χ^2 /NDF: 106835.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

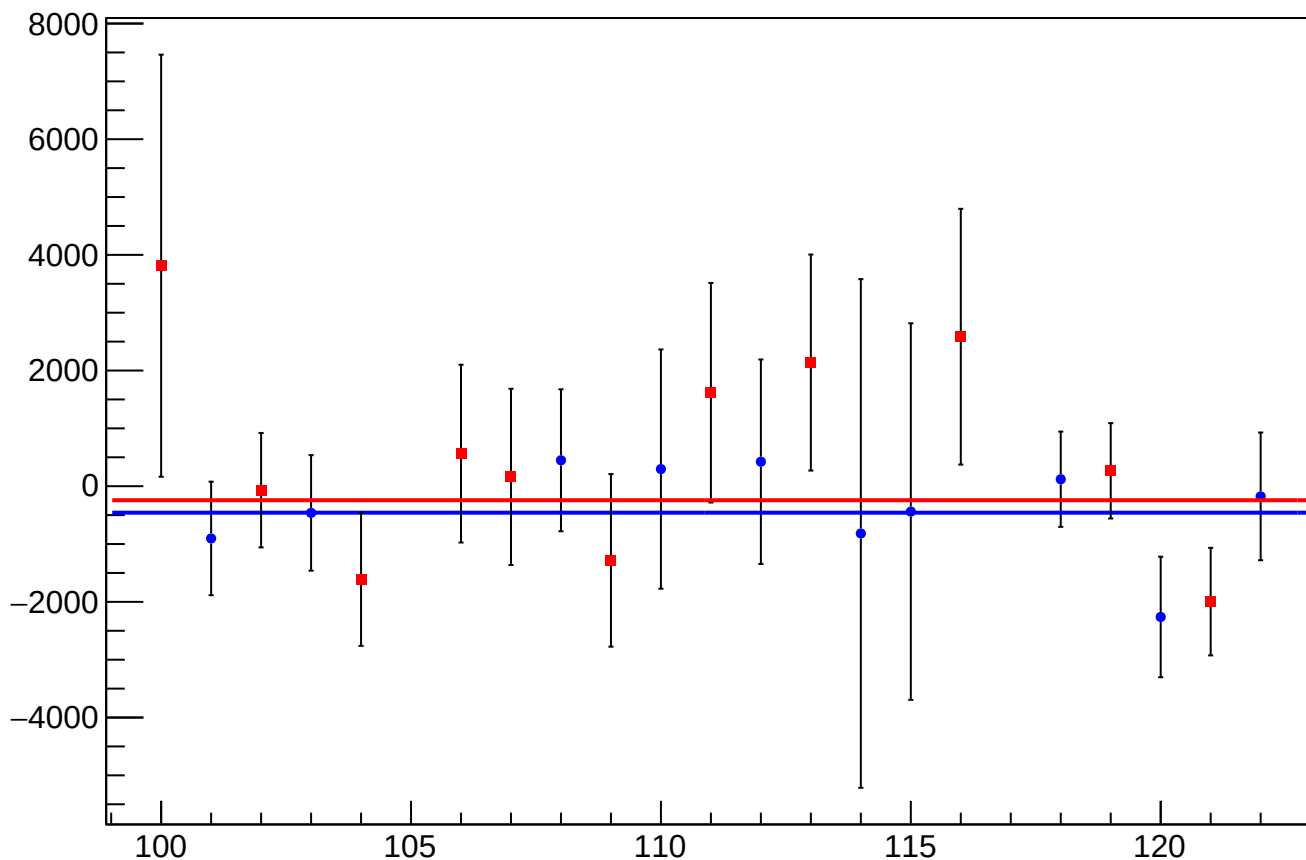
Right: 119.829 $\pm$ 0.029 χ^2 /NDF: 207830.7/20

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: 119.829 $\pm$ 0.029 χ^2 /NDF: 207830.7/20

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: -242.672+/-390.754 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

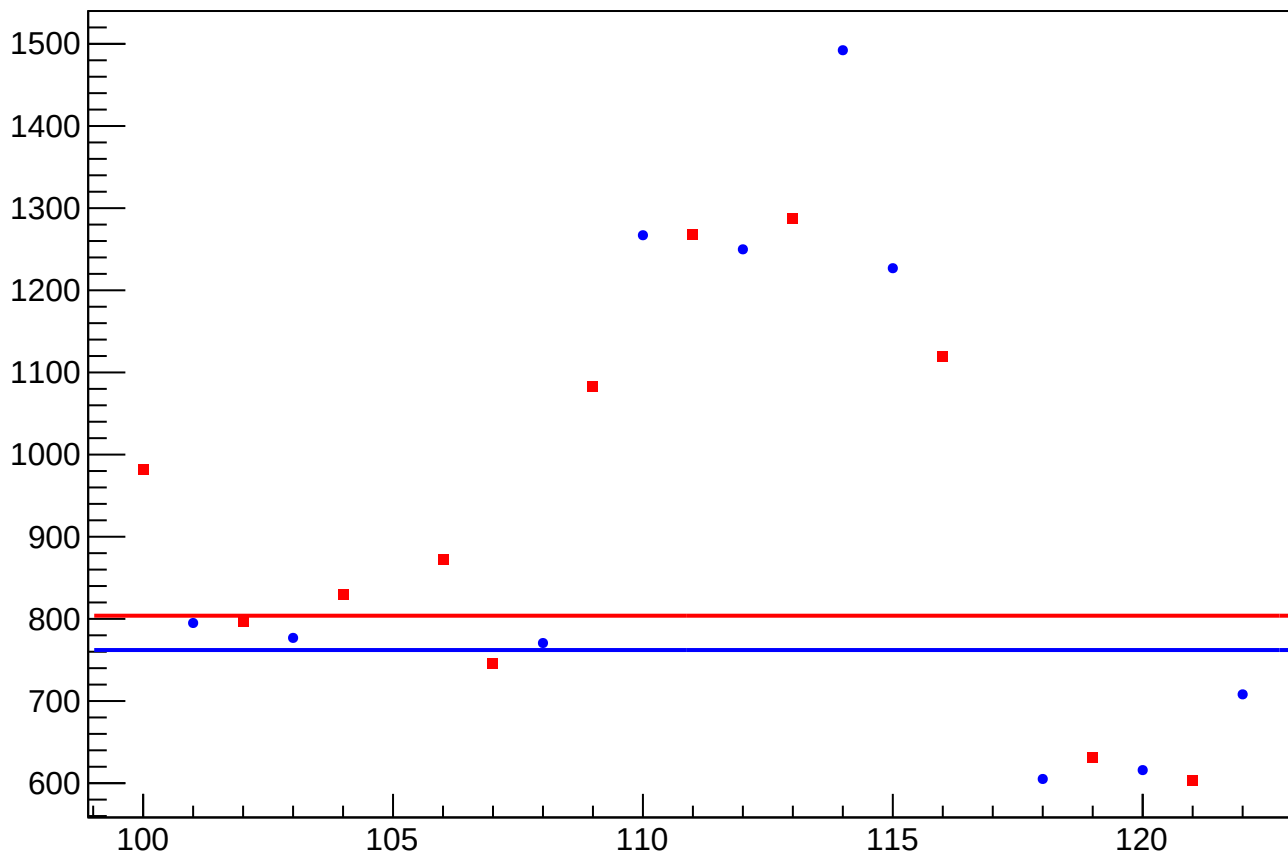
Right: -350.839+/-275.567 χ^2/NDF : 16.5/20

In: -457.858+/-388.676 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -350.839+/-275.567 χ^2/NDF : 16.5/20

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: 803.873+/-0.276 χ^2/NDF : 557848.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

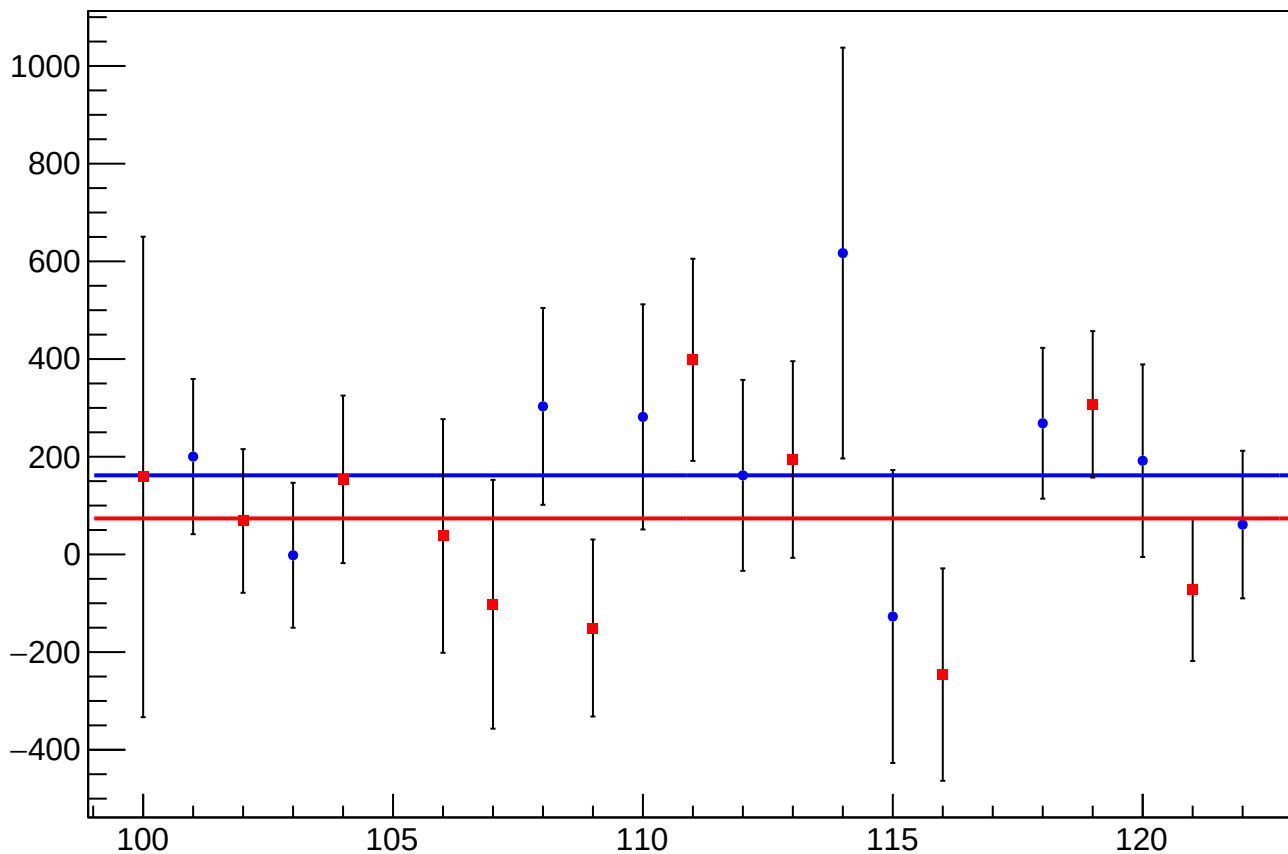
Right: 782.864+/-0.195 χ^2/NDF : 1056296.9/20

In: 762.077+/-0.275 χ^2/NDF : 486946.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.864+/-0.195 χ^2/NDF : 1056296.9/20

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: 73.699+/-56.940 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

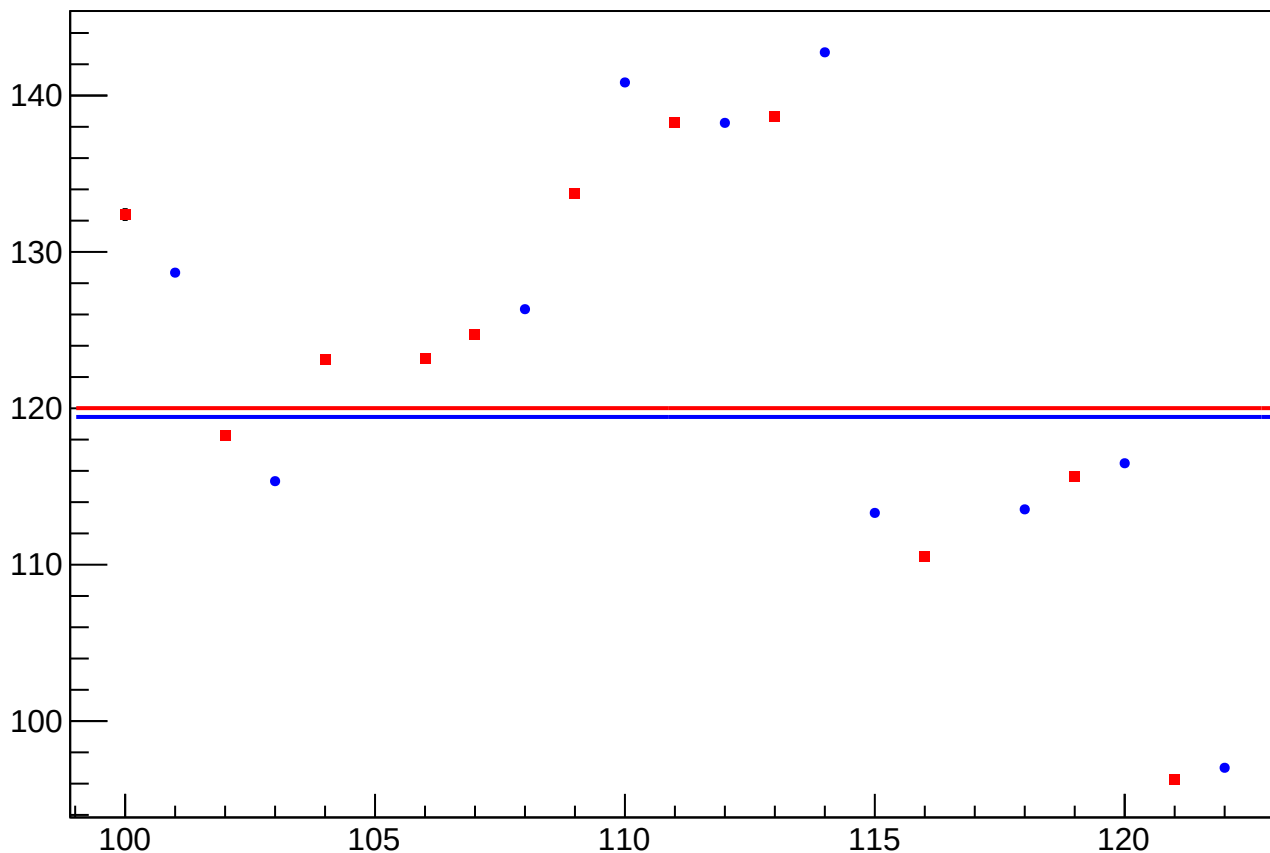
Right: 115.903+/-41.121 χ^2/NDF : 16.9/20

In: 161.909+/-59.450 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.903+/-41.121 χ^2/NDF : 16.9/20

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 119.447 $\pm$ 0.042 χ^2 /NDF: 100837.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.011 $\pm$ 0.040 χ^2 /NDF: 105881.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

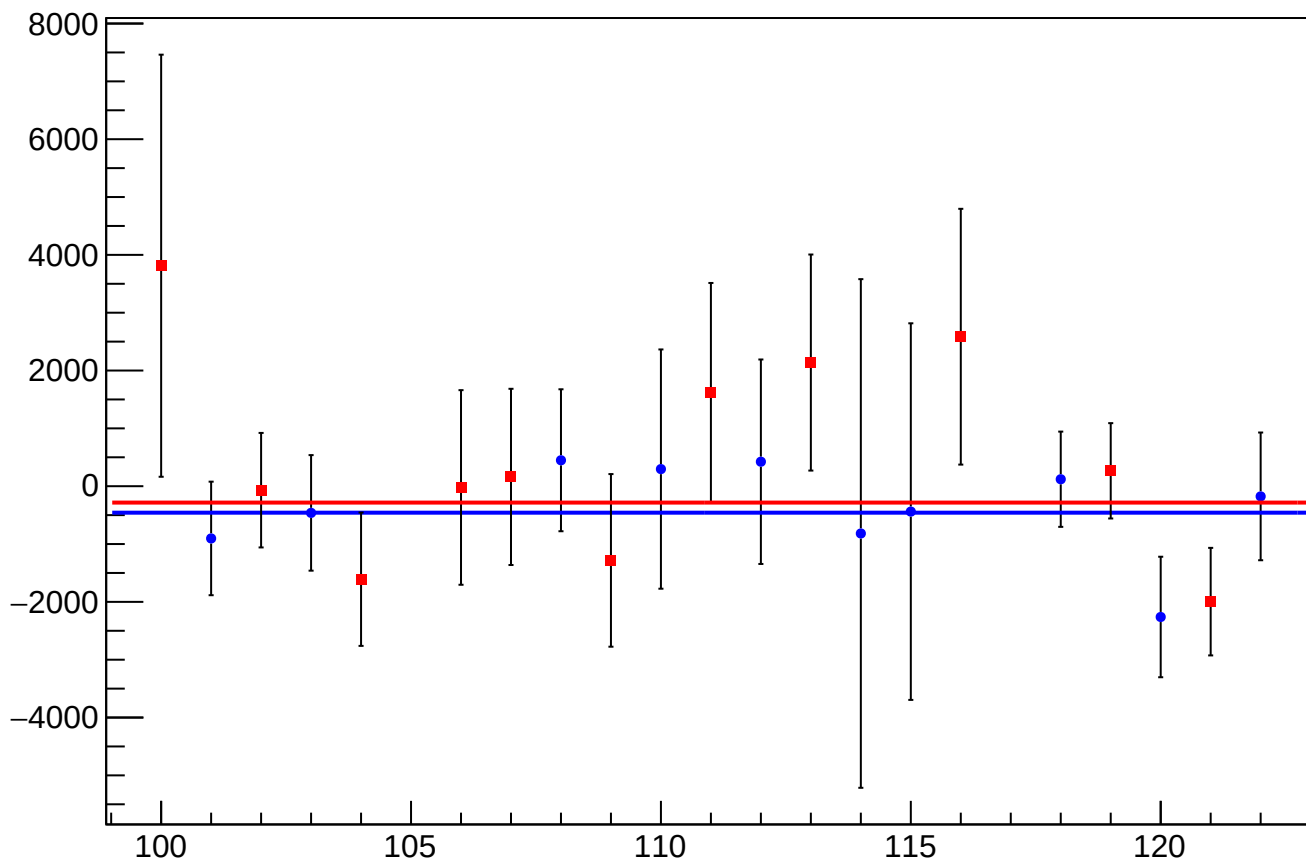
Right: 119.741 $\pm$ 0.029 χ^2 /NDF: 206812.3/20

In: 119.447 $\pm$ 0.042 χ^2 /NDF:100837.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.741 $\pm$ 0.029 χ^2 /NDF: 206812.3/20

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: -283.226+/-392.894 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

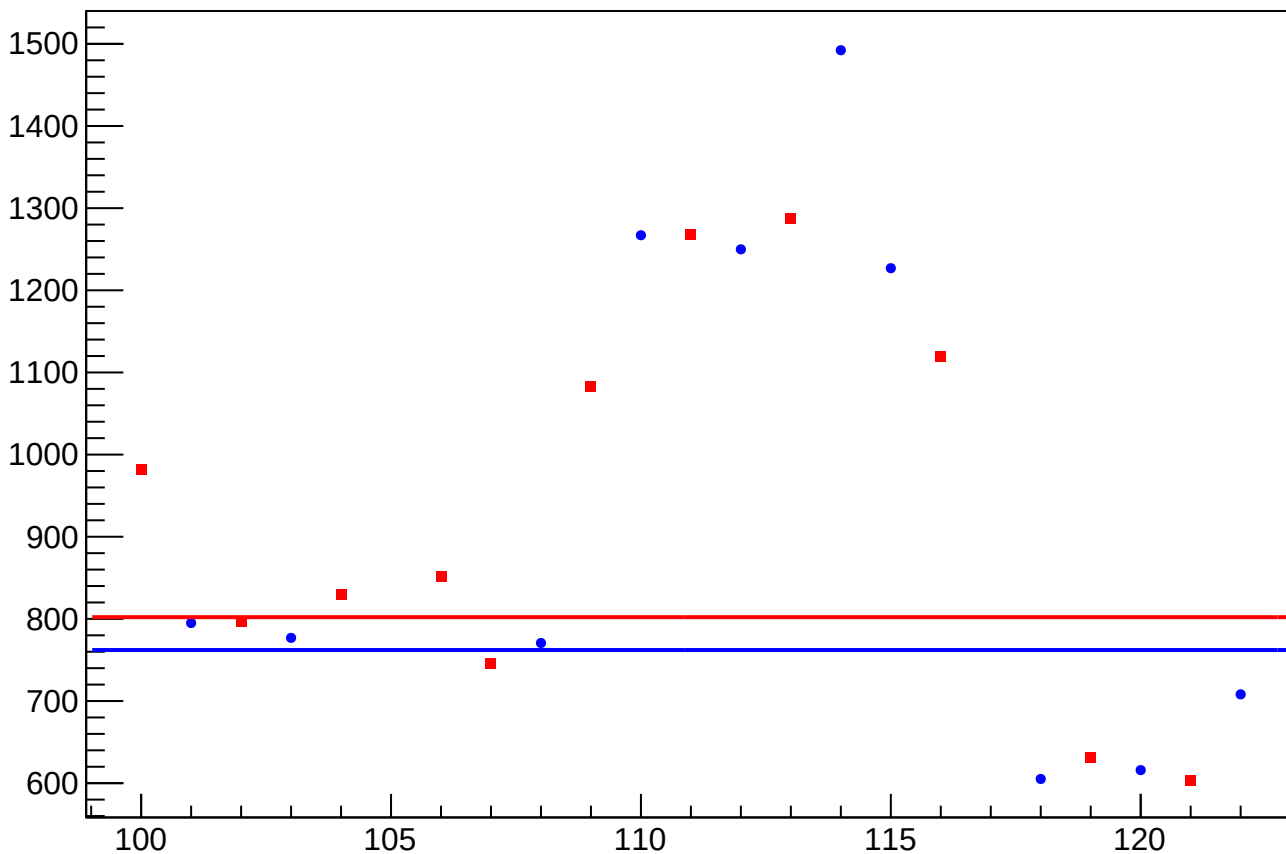
Right: -371.468+/-276.315 χ^2/NDF : 16.2/20

In: -457.826+/-388.677 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -371.468+/-276.315 χ^2/NDF : 16.2/20

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: 802.073+/-0.278 χ^2/NDF : 555407.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

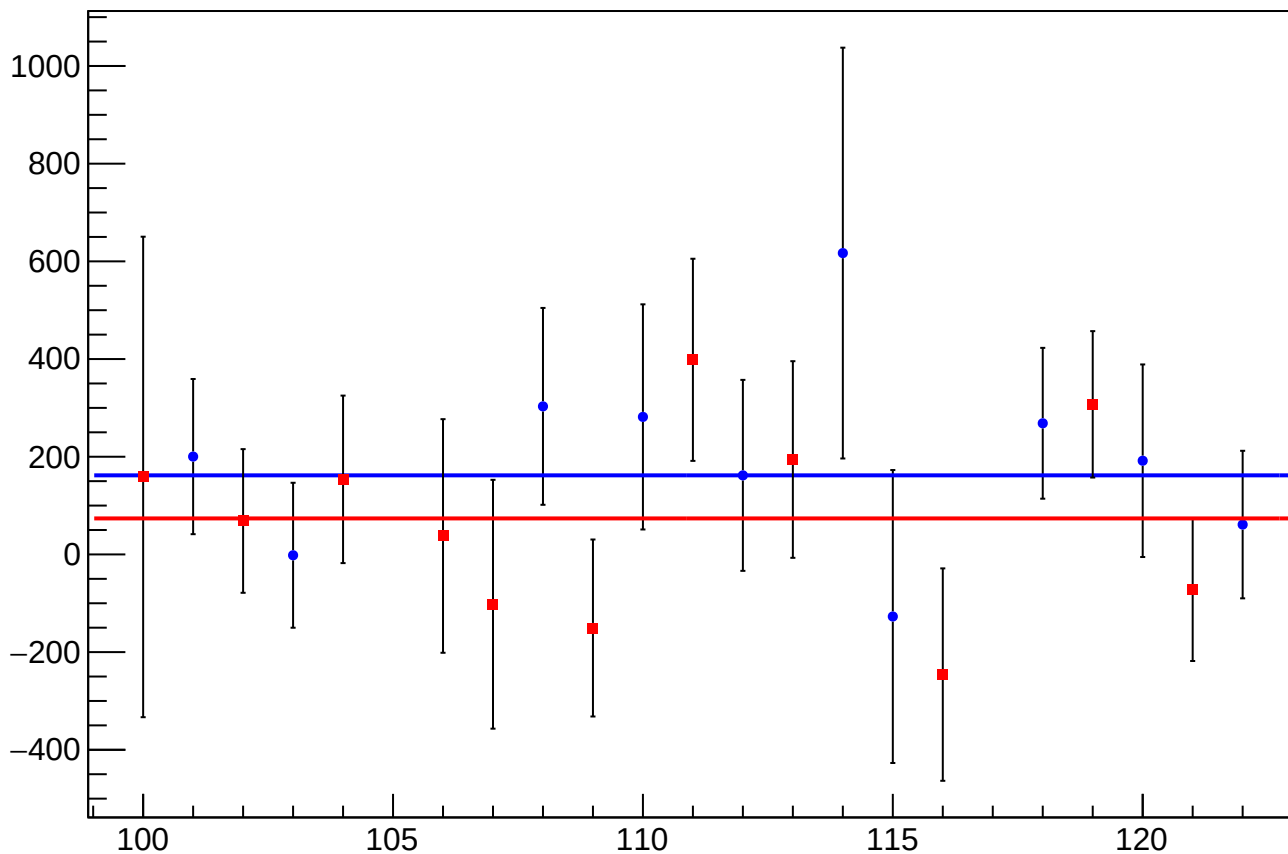
Right: 781.860+/-0.195 χ^2/NDF : 1052833.8/20

In: 762.079+/-0.275 χ^2/NDF : 486953.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.860+/-0.195 χ^2/NDF : 1052833.8/20

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: 73.699+/-56.940 χ^2/NDF : 10.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

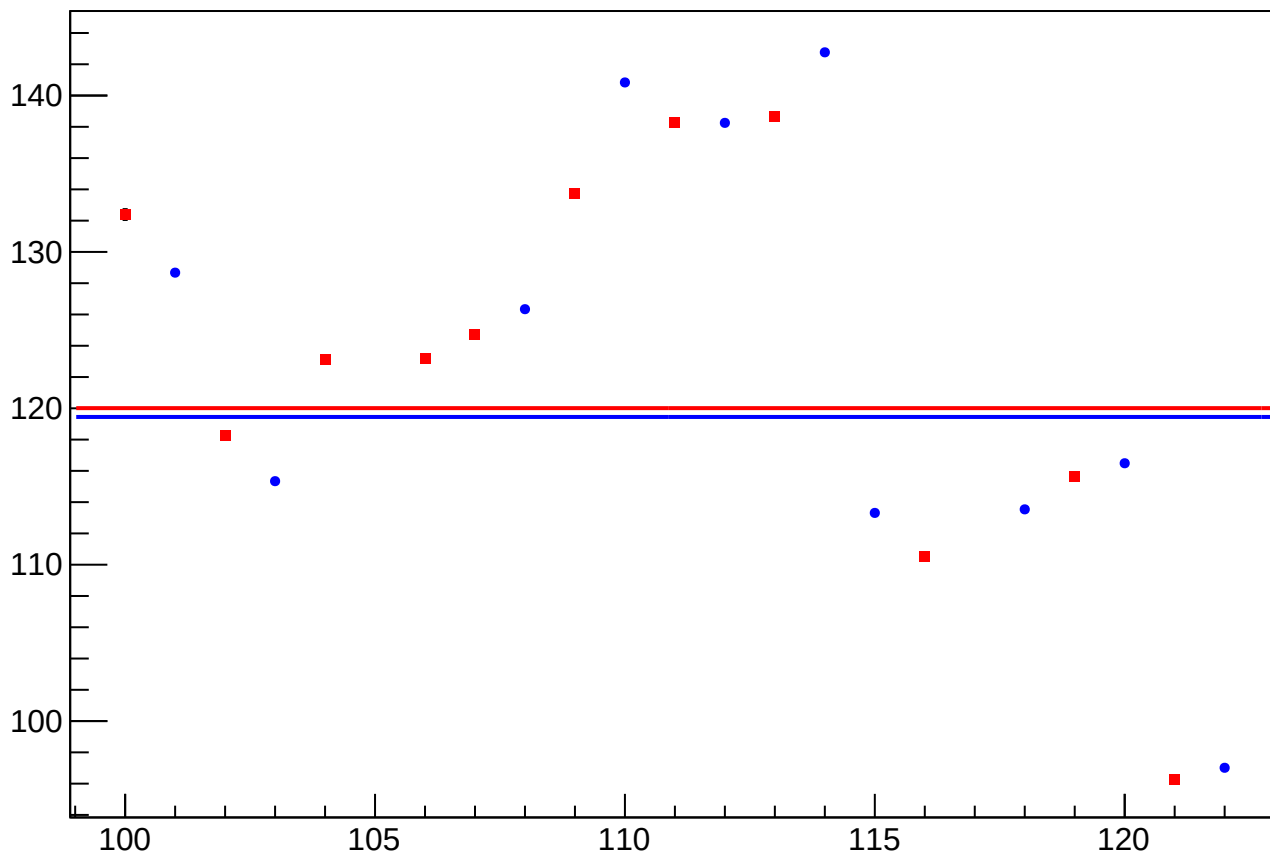
Right: 115.903+/-41.121 χ^2/NDF : 16.9/20

In: 161.909+/-59.450 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.903+/-41.121 χ^2/NDF : 16.9/20

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 119.447 $\pm$ 0.042 χ^2 /NDF: 100837.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.011 $\pm$ 0.040 χ^2 /NDF: 105881.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

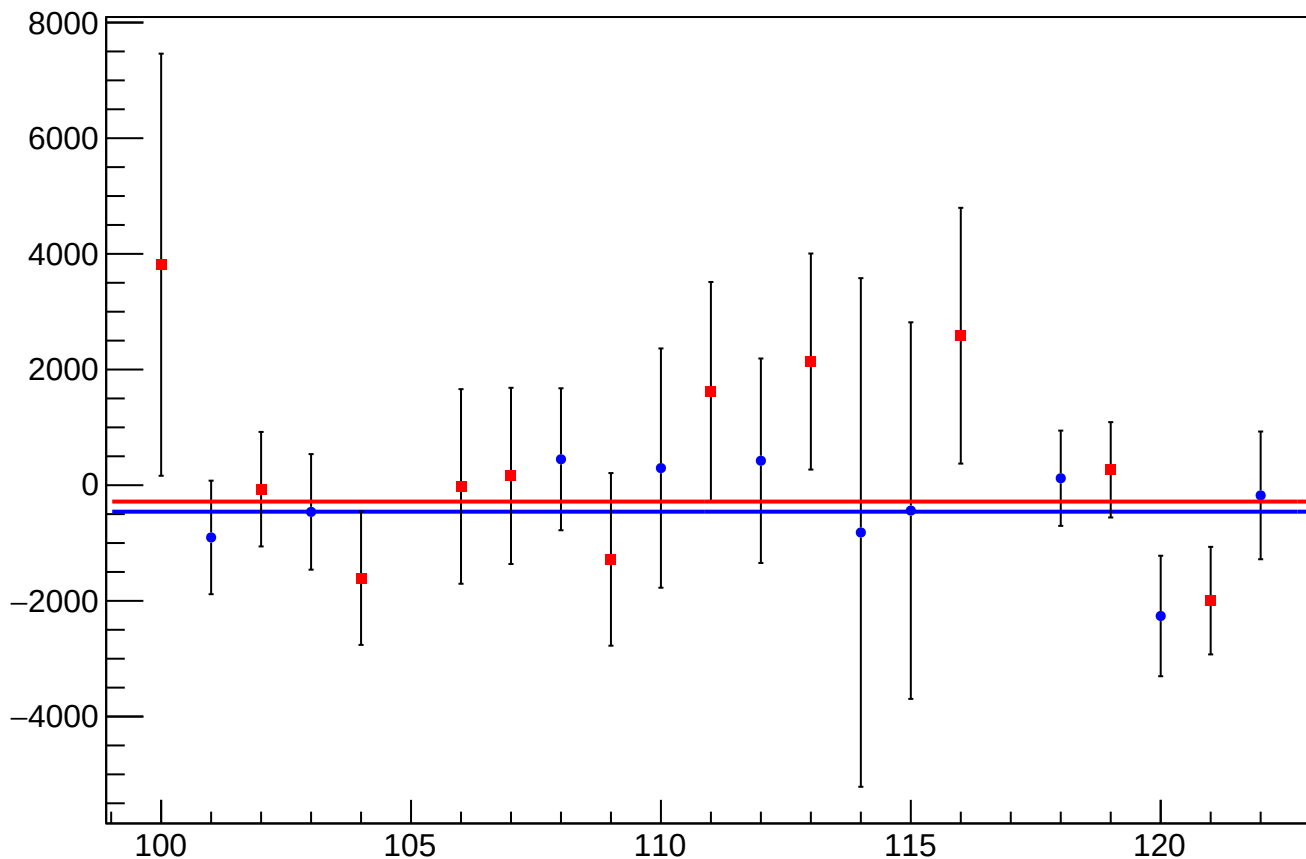
Right: 119.741 $\pm$ 0.029 χ^2 /NDF: 206812.3/20

In: 119.447 $\pm$ 0.042 χ^2 /NDF:100837.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.741 $\pm$ 0.029 χ^2 /NDF: 206812.3/20

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: -283.226+/-392.894 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

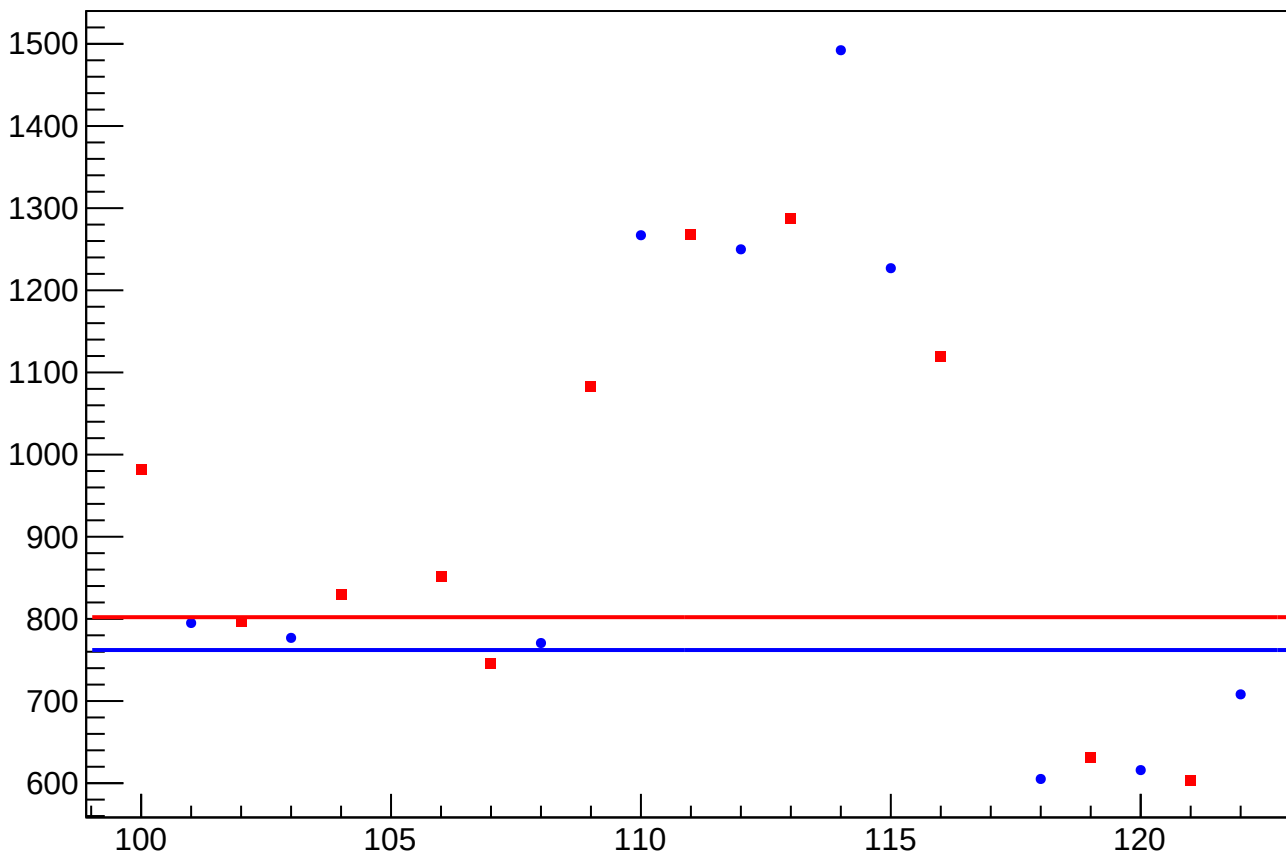
Right: -371.468+/-276.315 χ^2/NDF : 16.2/20

In: -457.826+/-388.677 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -371.468+/-276.315 χ^2/NDF : 16.2/20

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: 802.073+/-0.278 χ^2/NDF : 555407.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

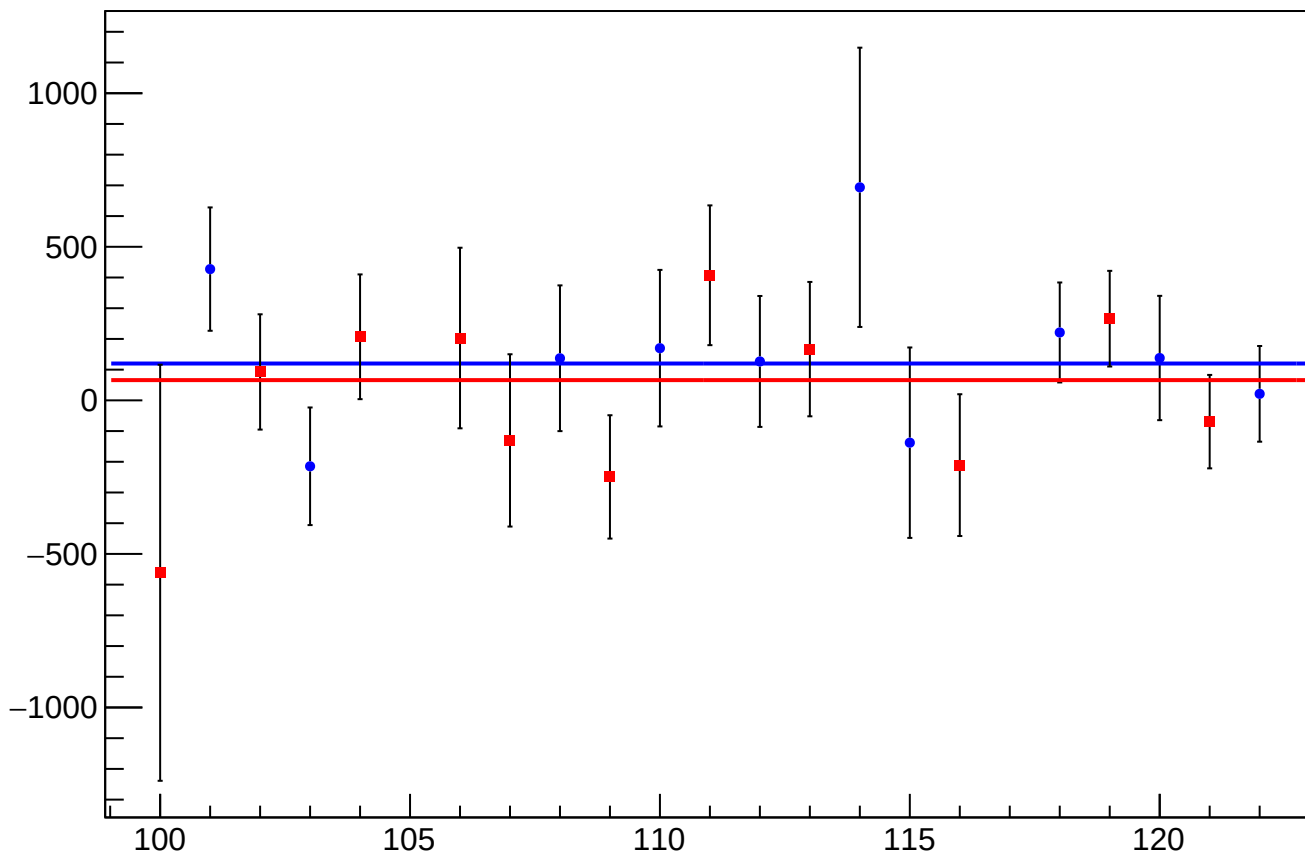
Right: 781.860+/-0.195 χ^2/NDF : 1052833.8/20

In: 762.079+/-0.275 χ^2/NDF : 486953.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.860+/-0.195 χ^2/NDF : 1052833.8/20

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: 65.893 $\pm$ 63.589 χ^2 /NDF: 10.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

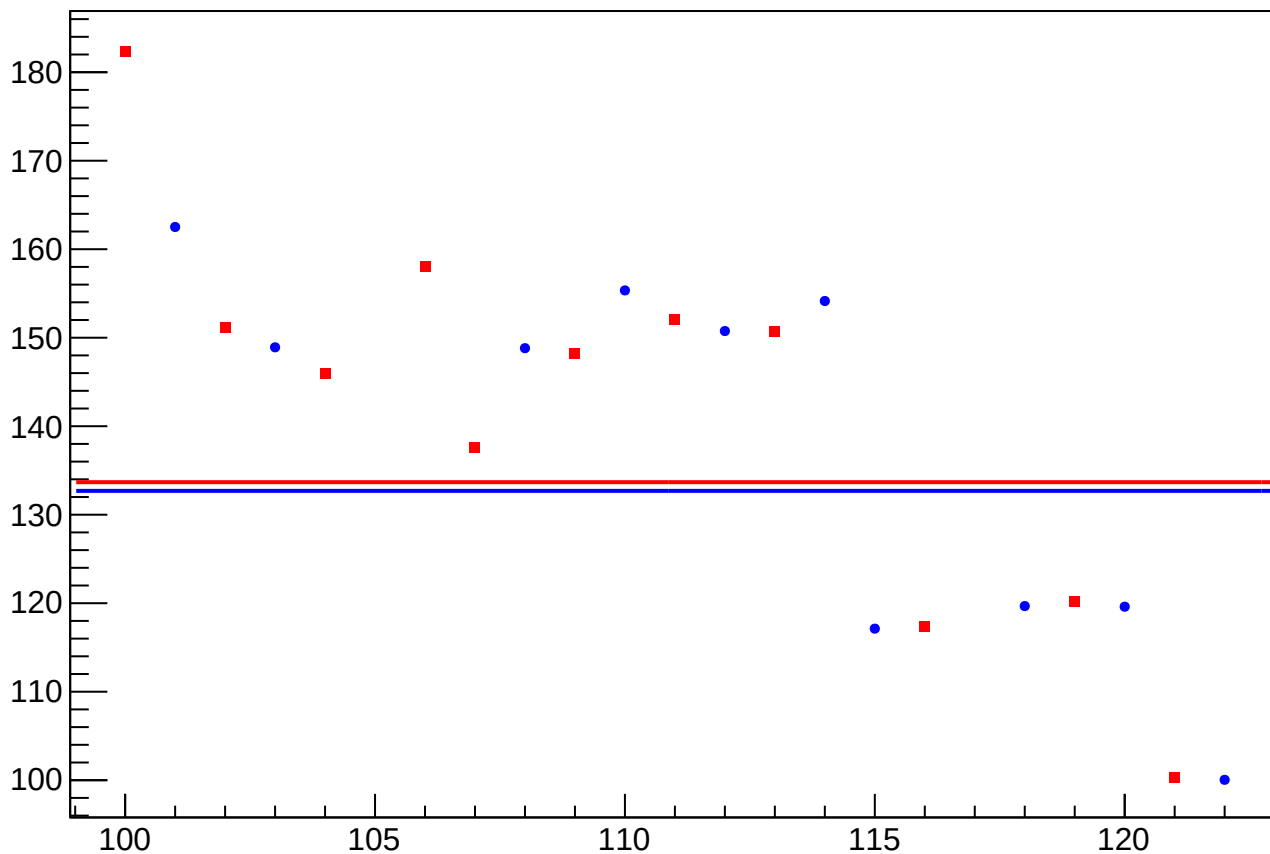
Right: 91.689 $\pm$ 45.972 χ^2 /NDF: 19.7/20

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: 91.689 $\pm$ 45.972 χ^2 /NDF: 19.7/20

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: 133.676+/-0.045 χ^2/NDF : 205949.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

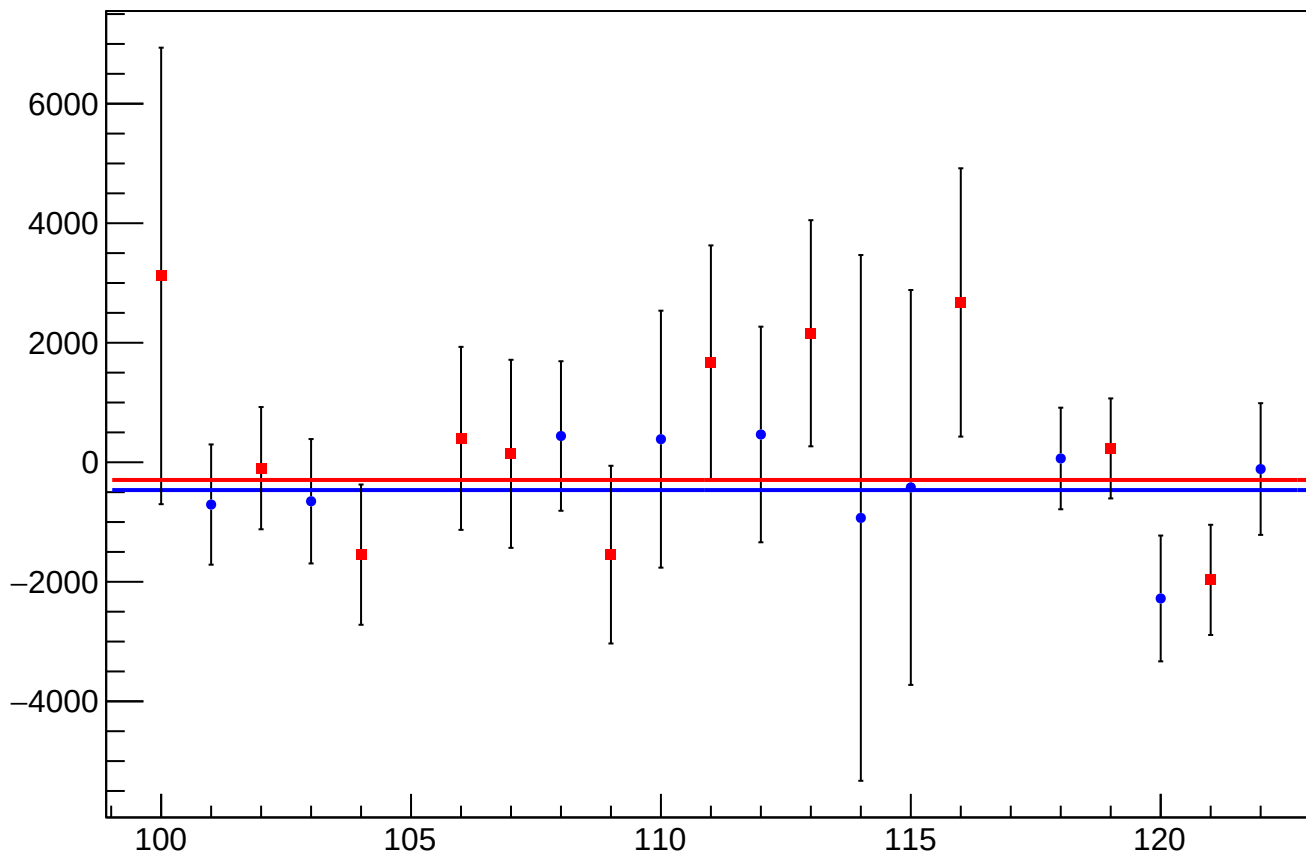
Right: 133.207+/-0.033 χ^2/NDF : 422523.0/20

In: 132.694+/-0.047 χ^2/NDF : 216345.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.207+/-0.033 χ^2/NDF : 422523.0/20

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: -295.748+/-395.951 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

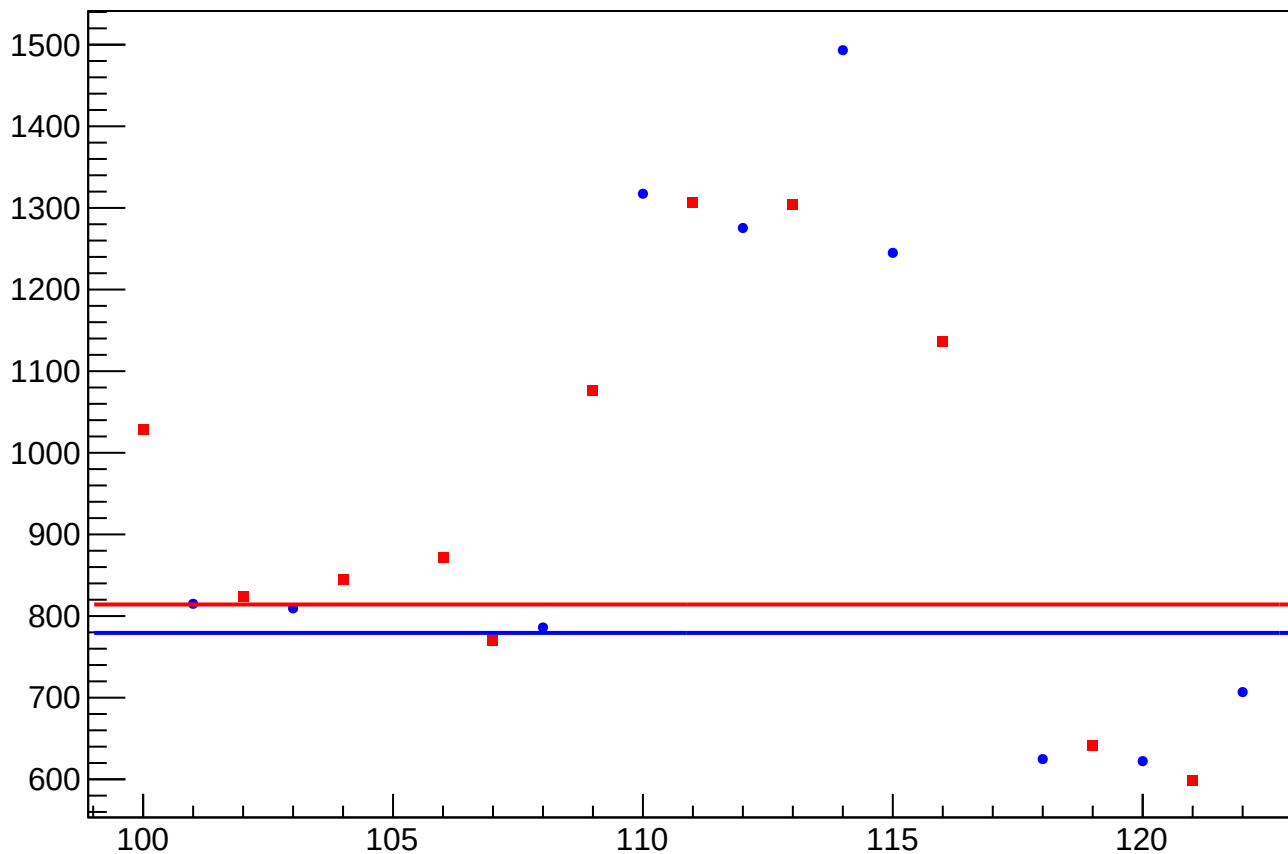
Right: -380.028+/-280.540 χ^2/NDF : 15.7/20

In: -464.985+/-397.540 χ^2/NDF :4.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -380.028+/-280.540 χ^2/NDF : 15.7/20

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: 814.156+/-0.280 χ^2/NDF : 571081.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

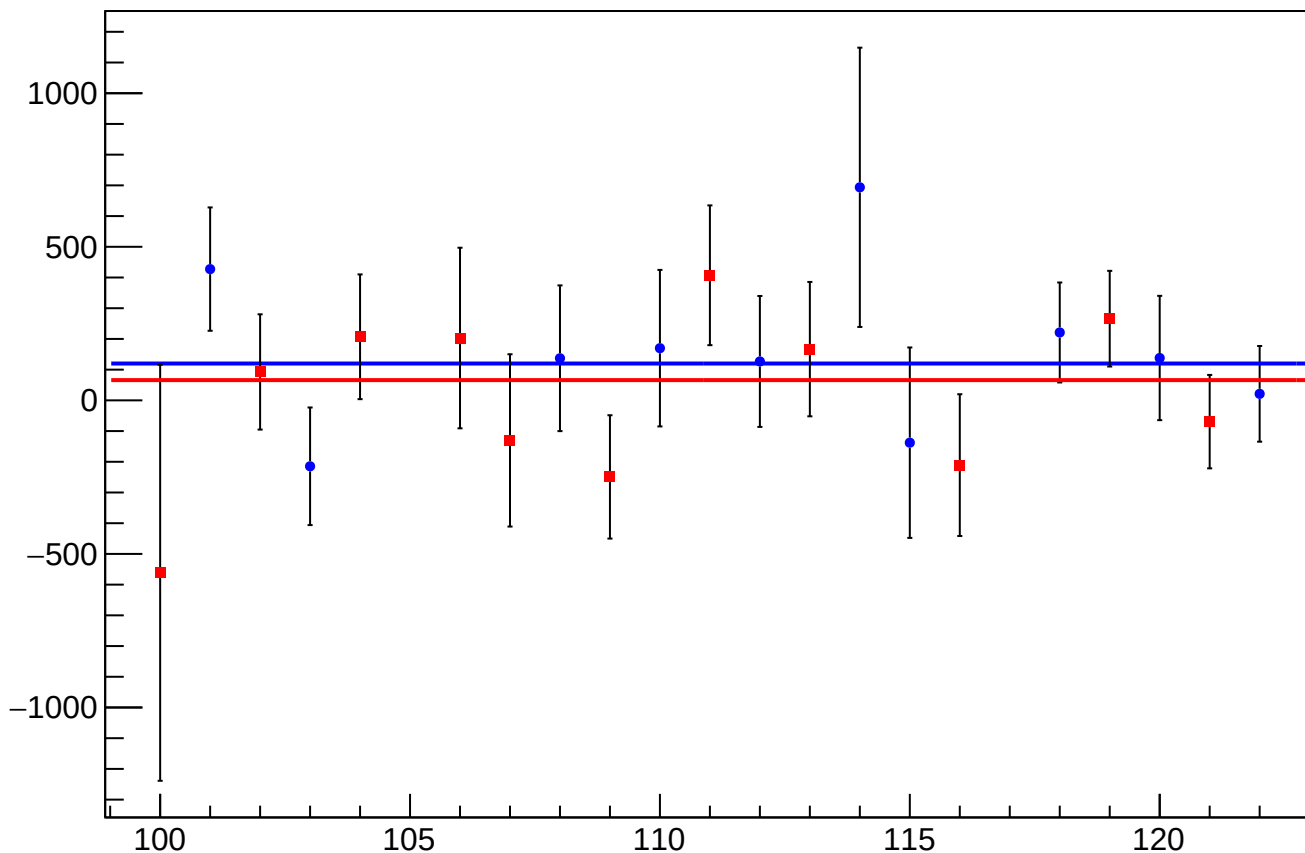
Right: 796.823+/-0.198 χ^2/NDF : 1071326.4/20

In: 779.352+/-0.281 χ^2/NDF : 492549.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 796.823+/-0.198 χ^2/NDF : 1071326.4/20

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: 65.892 $\pm$ 63.589 χ^2 /NDF: 10.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

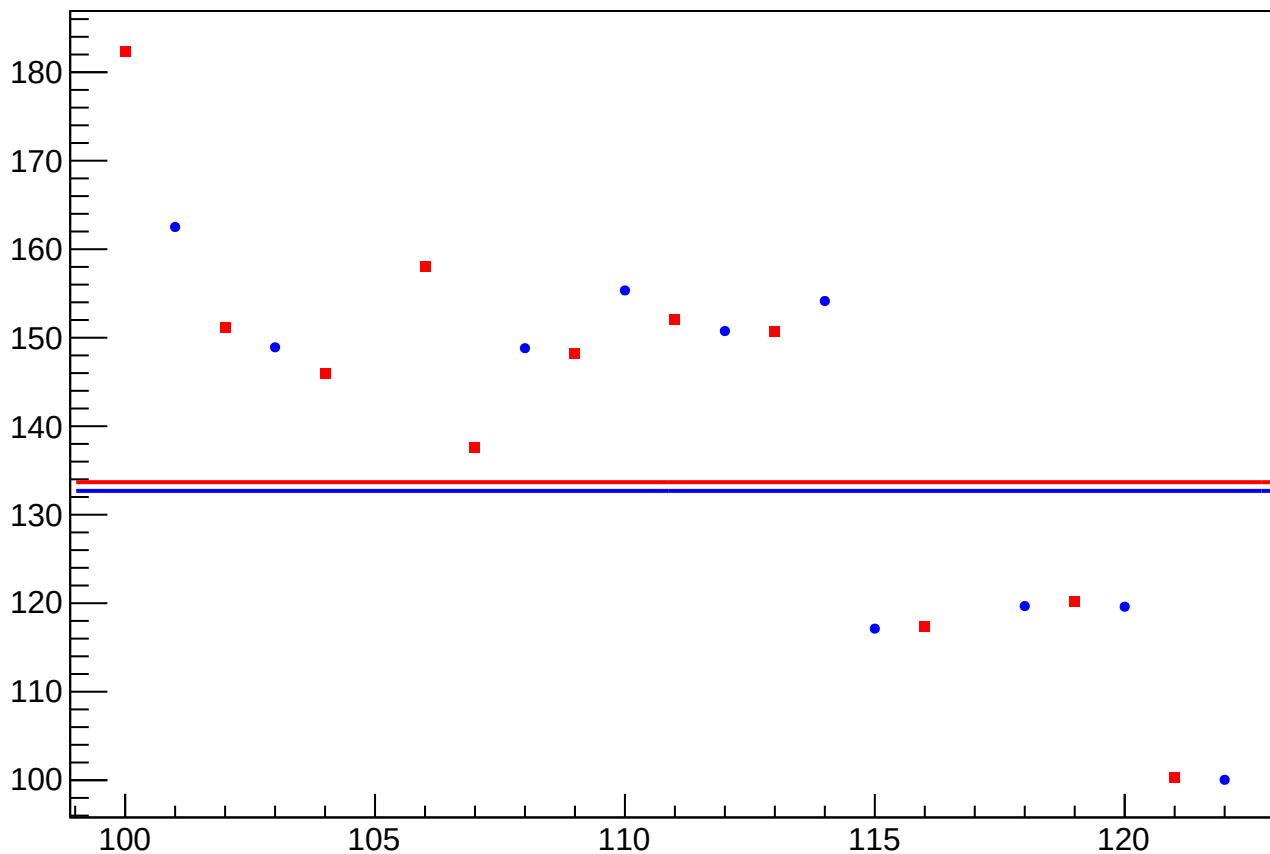
Right: 91.688 $\pm$ 45.972 χ^2 /NDF: 19.7/20

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: 91.688 $\pm$ 45.972 χ^2 /NDF: 19.7/20

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: 133.676+/-0.045 χ^2/NDF : 205944.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

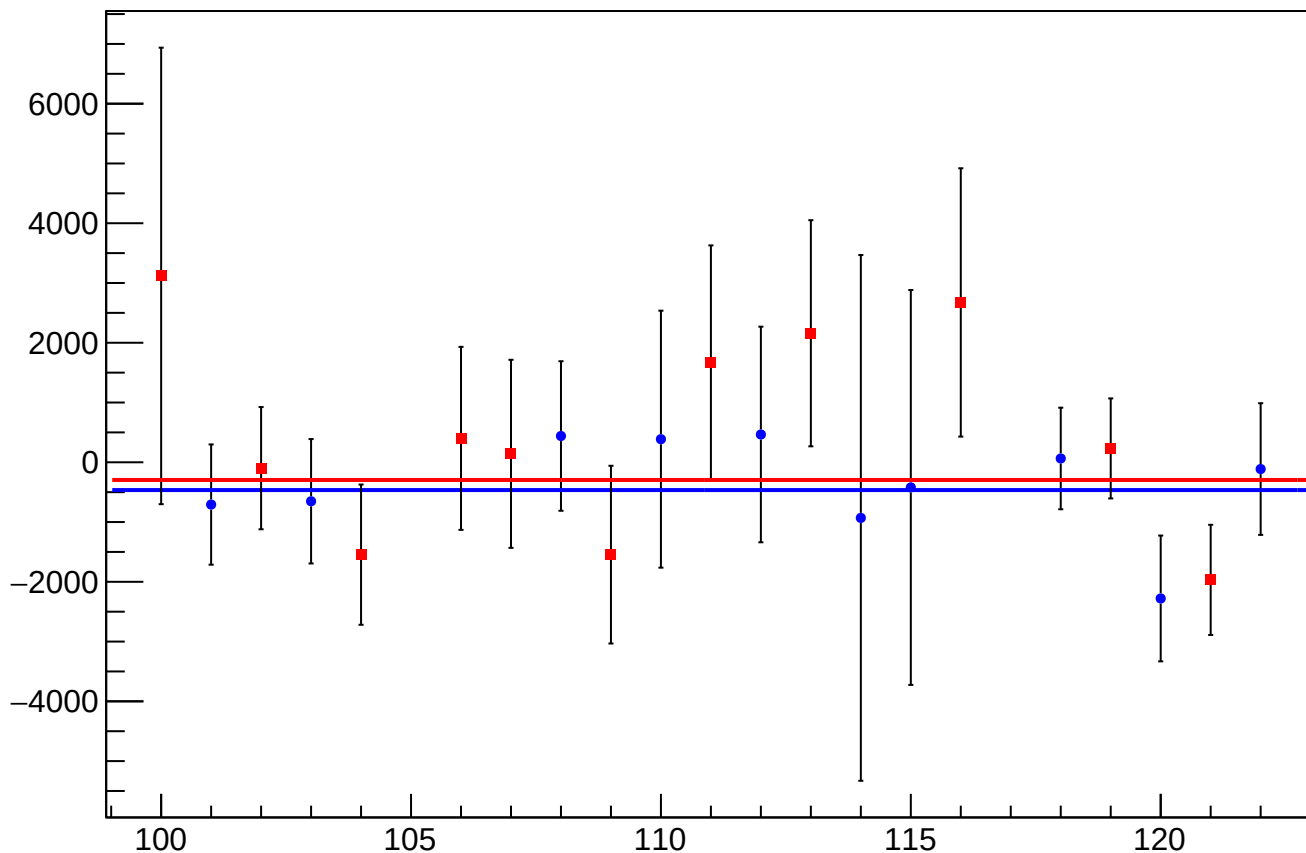
Right: 133.207+/-0.033 χ^2/NDF : 422512.4/20

In: 132.694+/-0.047 χ^2/NDF : 216340.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.207+/-0.033 χ^2/NDF : 422512.4/20

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: -295.748+/-395.951 χ^2/NDF : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

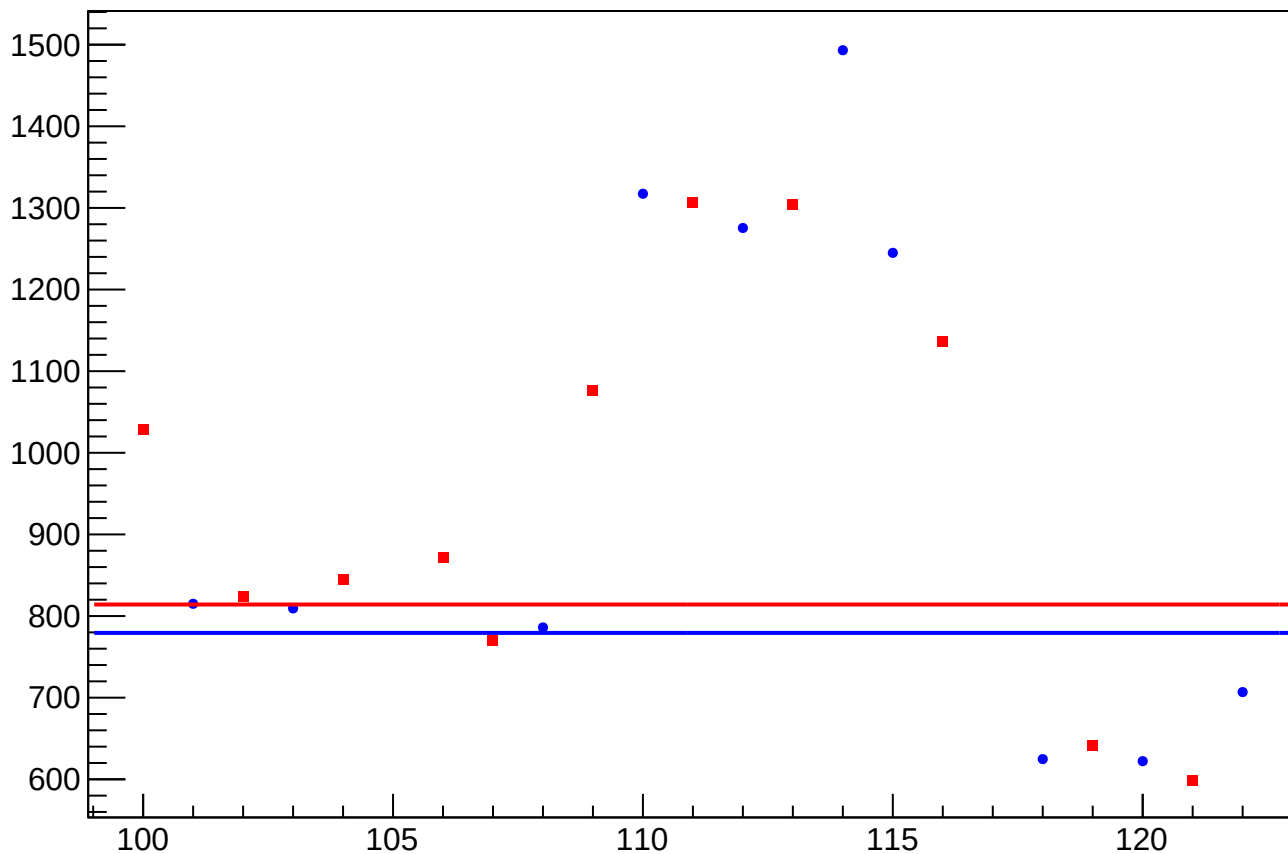
Right: -380.028+/-280.539 χ^2/NDF : 15.7/20

In: -464.985+/-397.539 χ^2/NDF :4.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -380.028+/-280.539 χ^2/NDF : 15.7/20

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: 814.155+/-0.280 χ^2/NDF : 571075.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

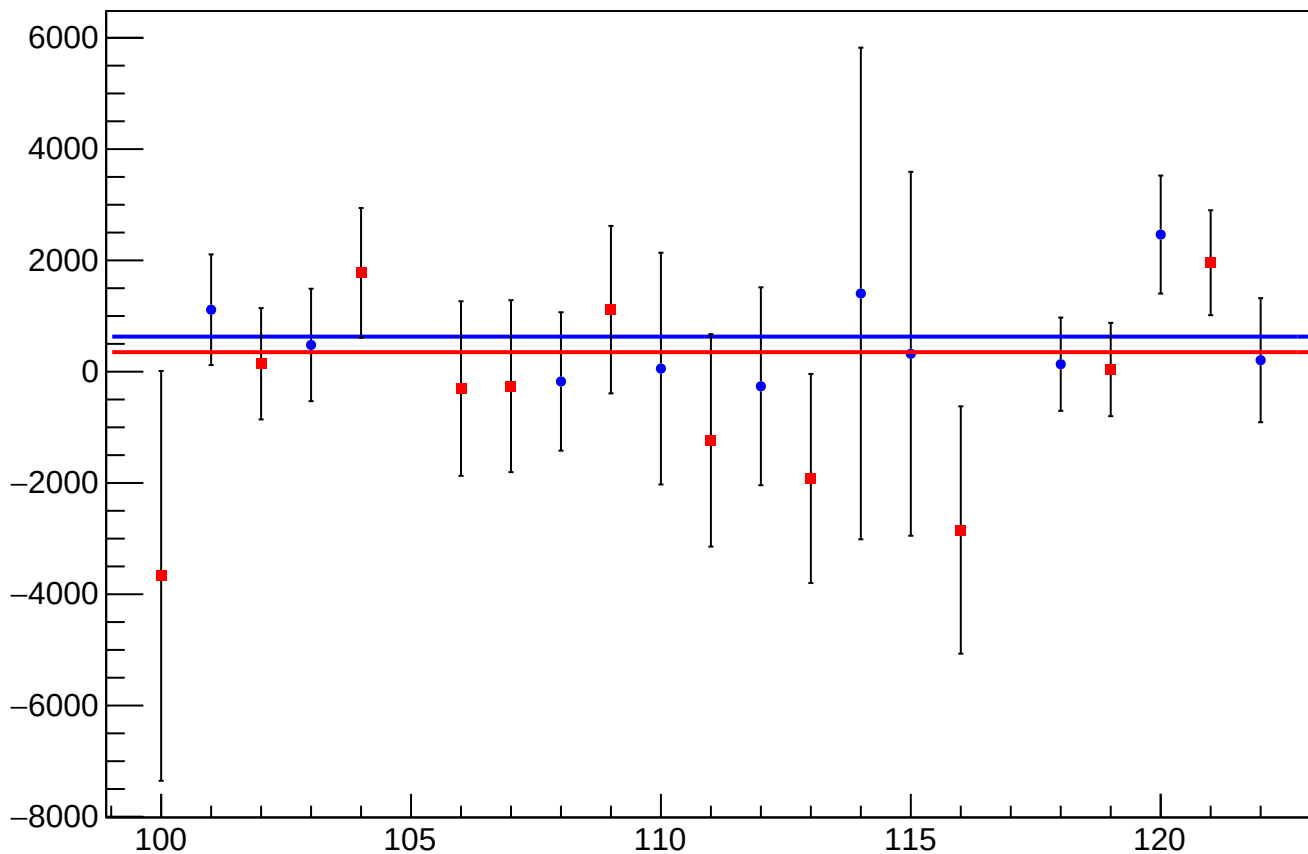
Right: 796.823+/-0.198 χ^2/NDF : 1071313.8/20

In: 779.351+/-0.281 χ^2/NDF : 492543.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 796.823+/-0.198 χ^2/NDF : 1071313.8/20

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 630.172+/-393.858 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 350.534+/-395.817 χ^2/NDF : 10.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

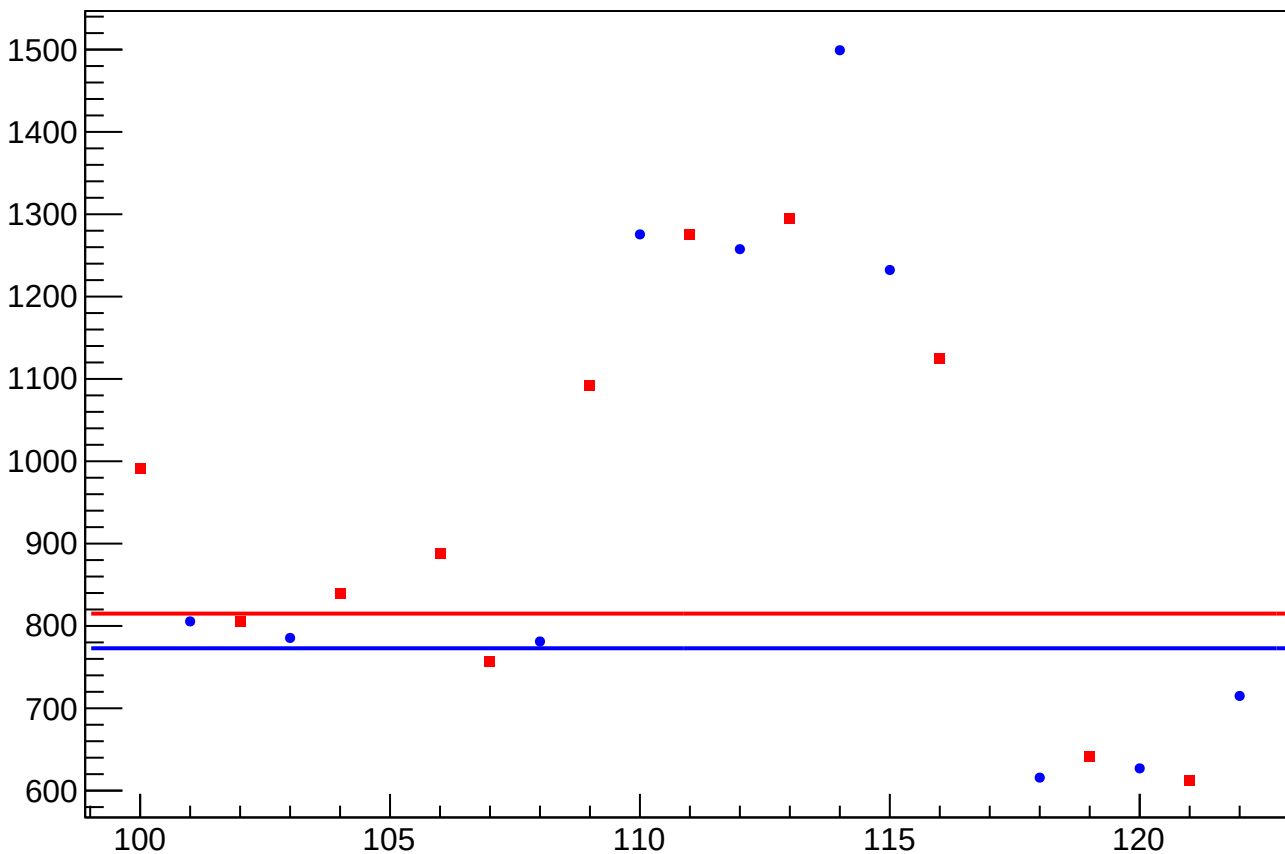
Right: 491.047+/-279.190 χ^2/NDF : 15.4/20

In: 630.172+/-393.858 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.047+/-279.190 χ^2/NDF : 15.4/20

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: 814.991+/-0.280 χ^2/NDF : 543999.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

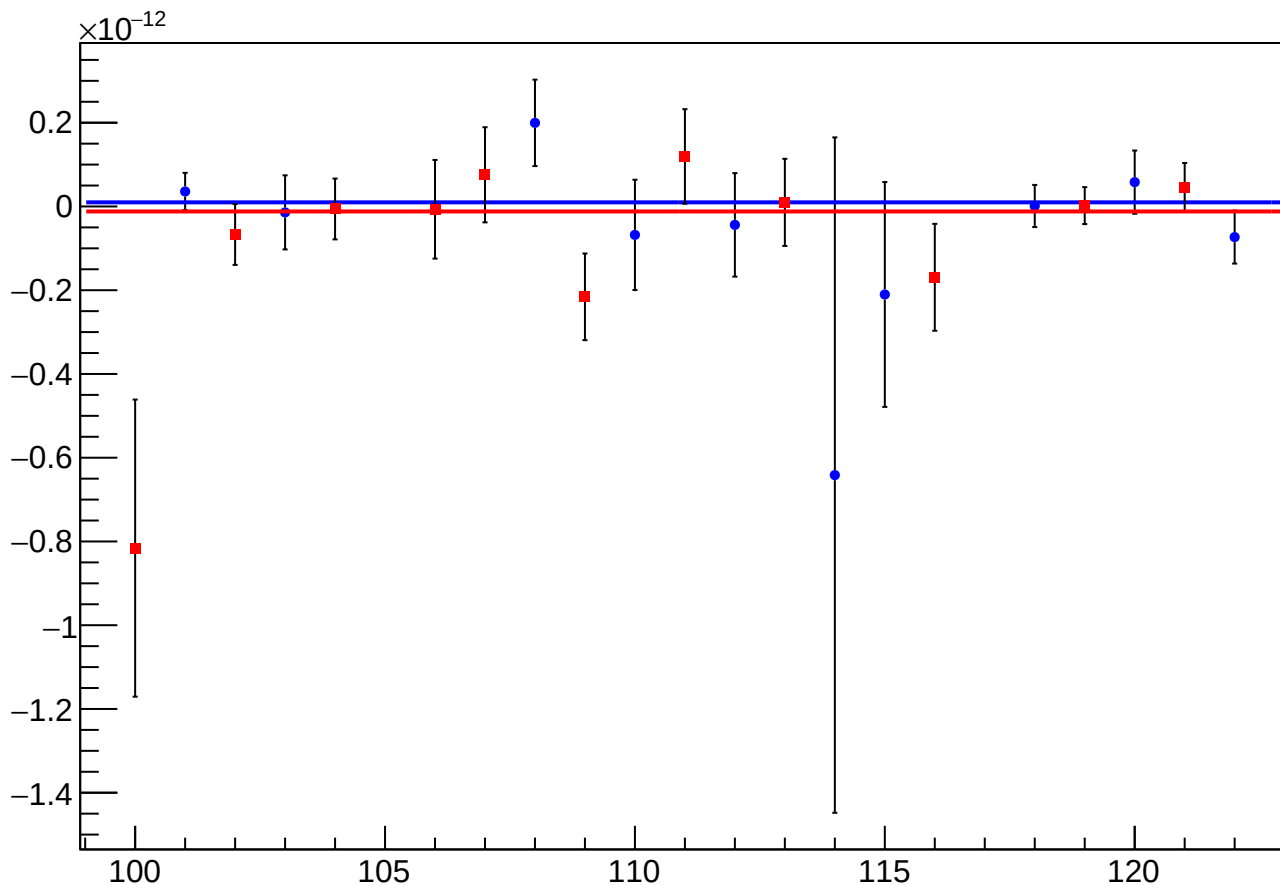
Right: 793.835+/-0.197 χ^2/NDF : 1030039.2/20

In: 772.888+/-0.278 χ^2/NDF : 474668.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.835+/-0.197 χ^2/NDF : 1030039.2/20

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 : 14.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

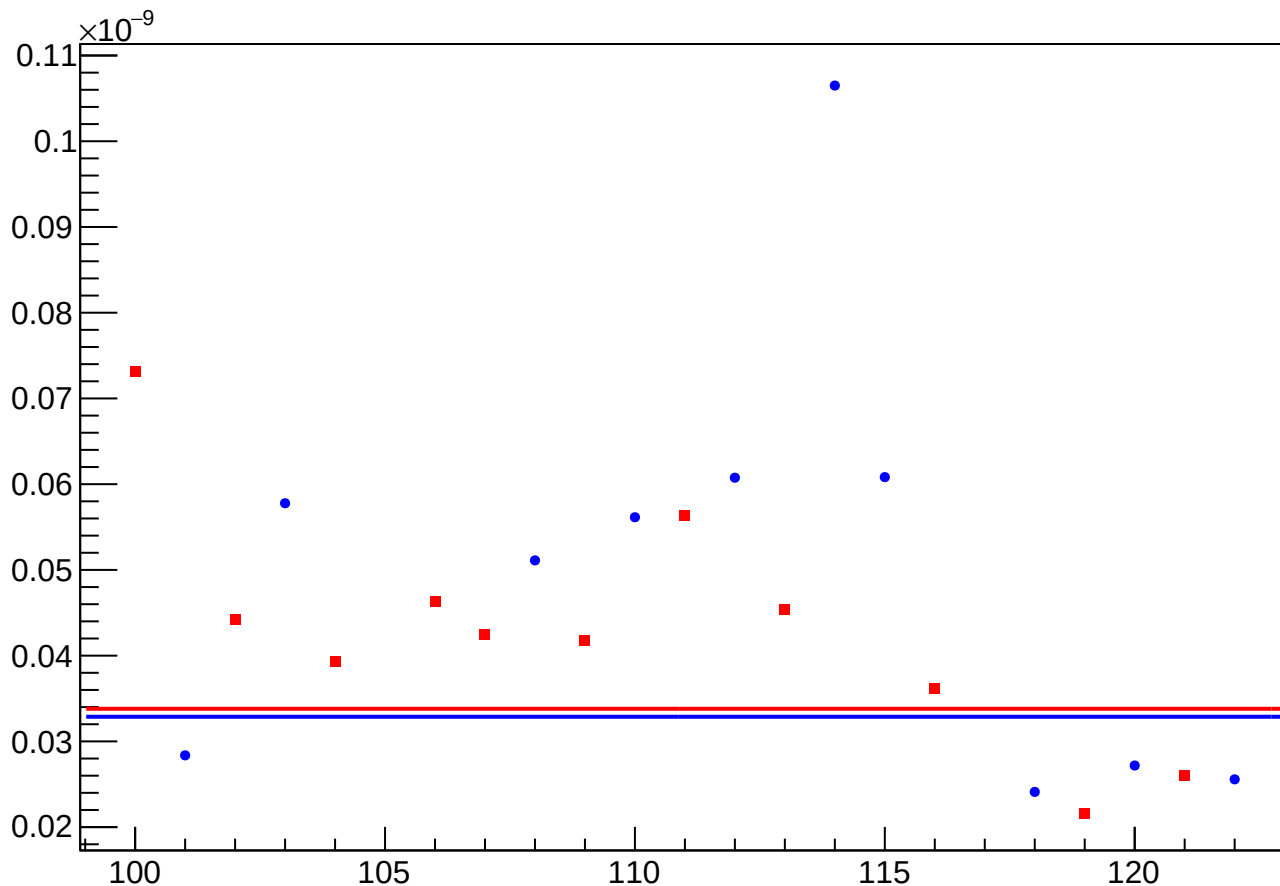
Right: -0.000+/-0.000 χ^2/NDF : 22.5/20

In: 0.000+/-0.000 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.5/20

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 : 418451.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

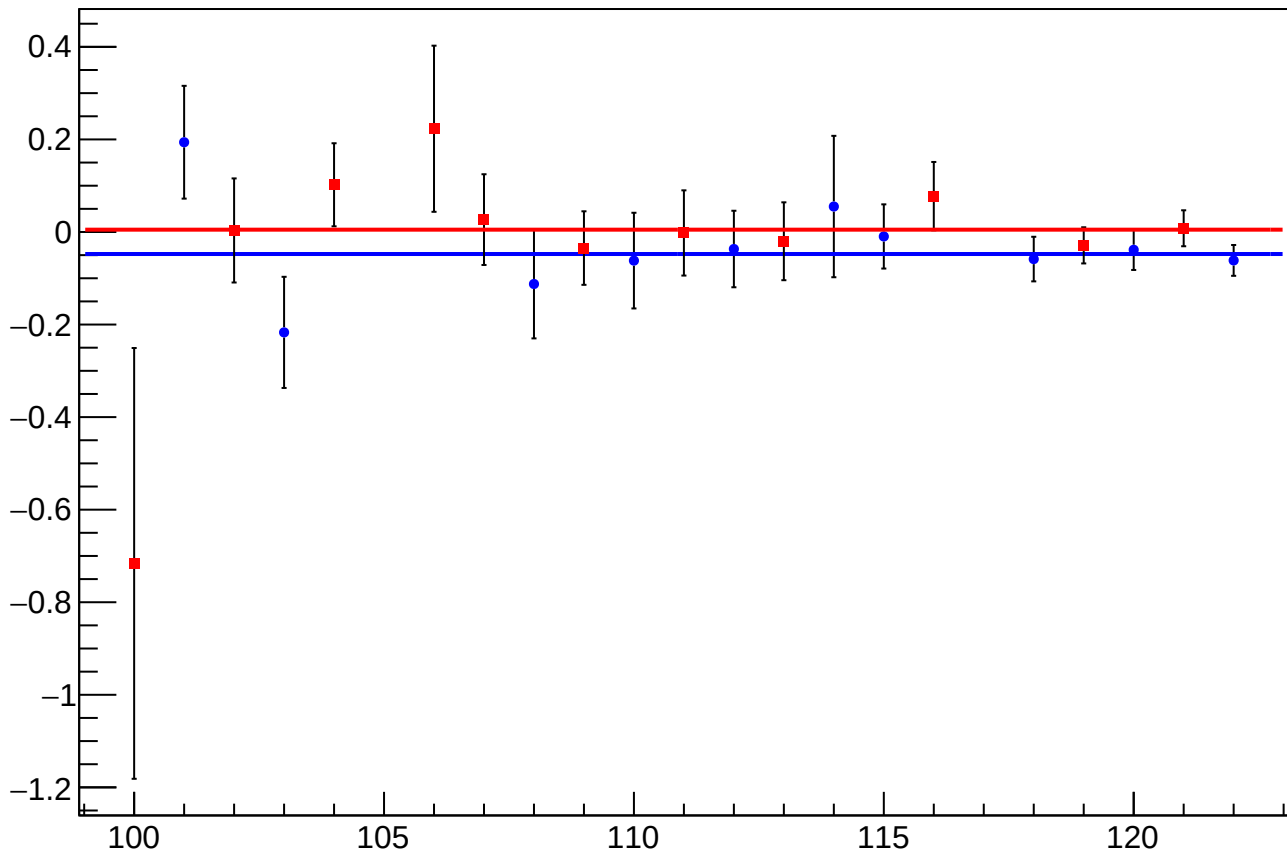
Right: 0.000+/-0.000 χ^2/NDF : 962579.8/20

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 : 962579.8/20

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: 7.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

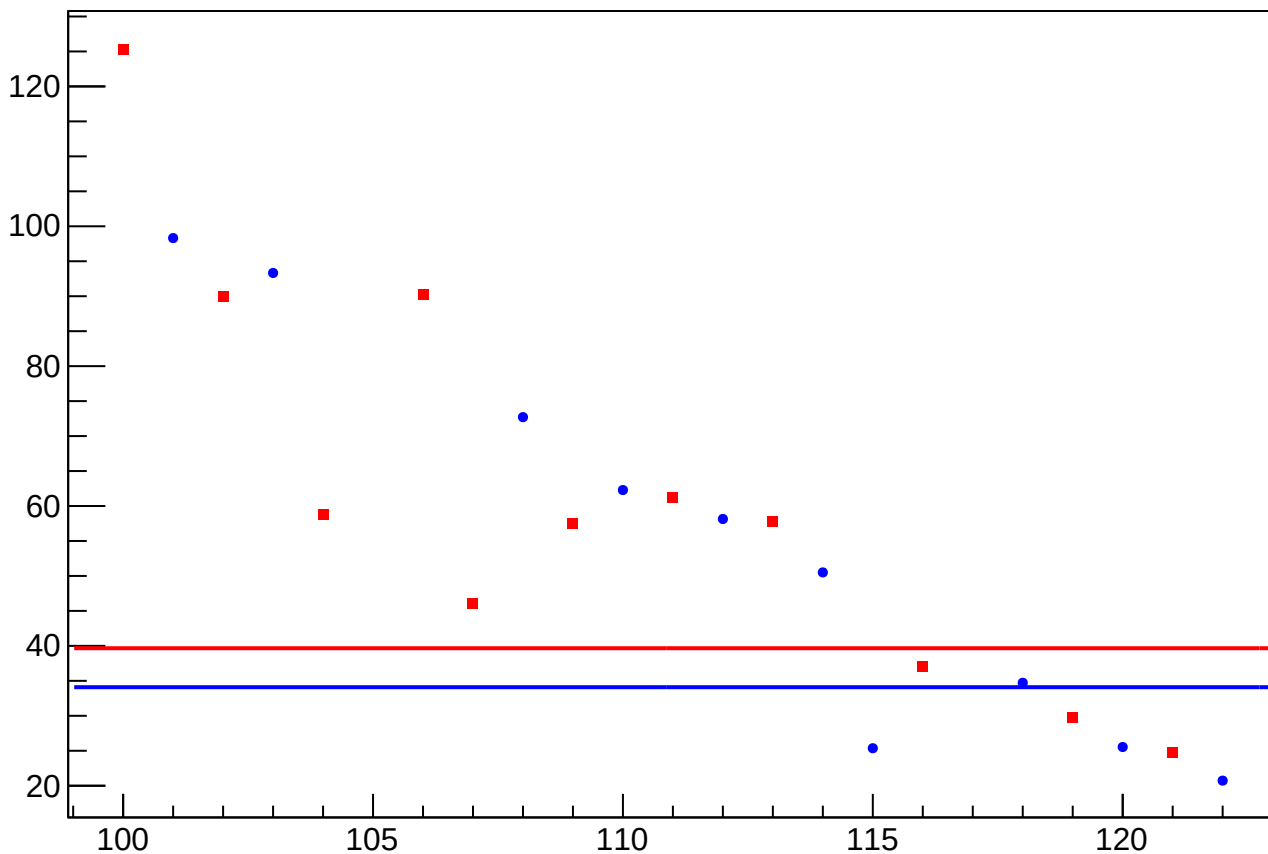
Right: -0.023 $\pm$ 0.014 χ^2 /NDF: 17.8/20

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: -0.023 $\pm$ 0.014 χ^2 /NDF: 17.8/20

asym_sam_26_48_dd_dit_vs_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: 39.663+/-0.015 χ^2/NDF : 1455846.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

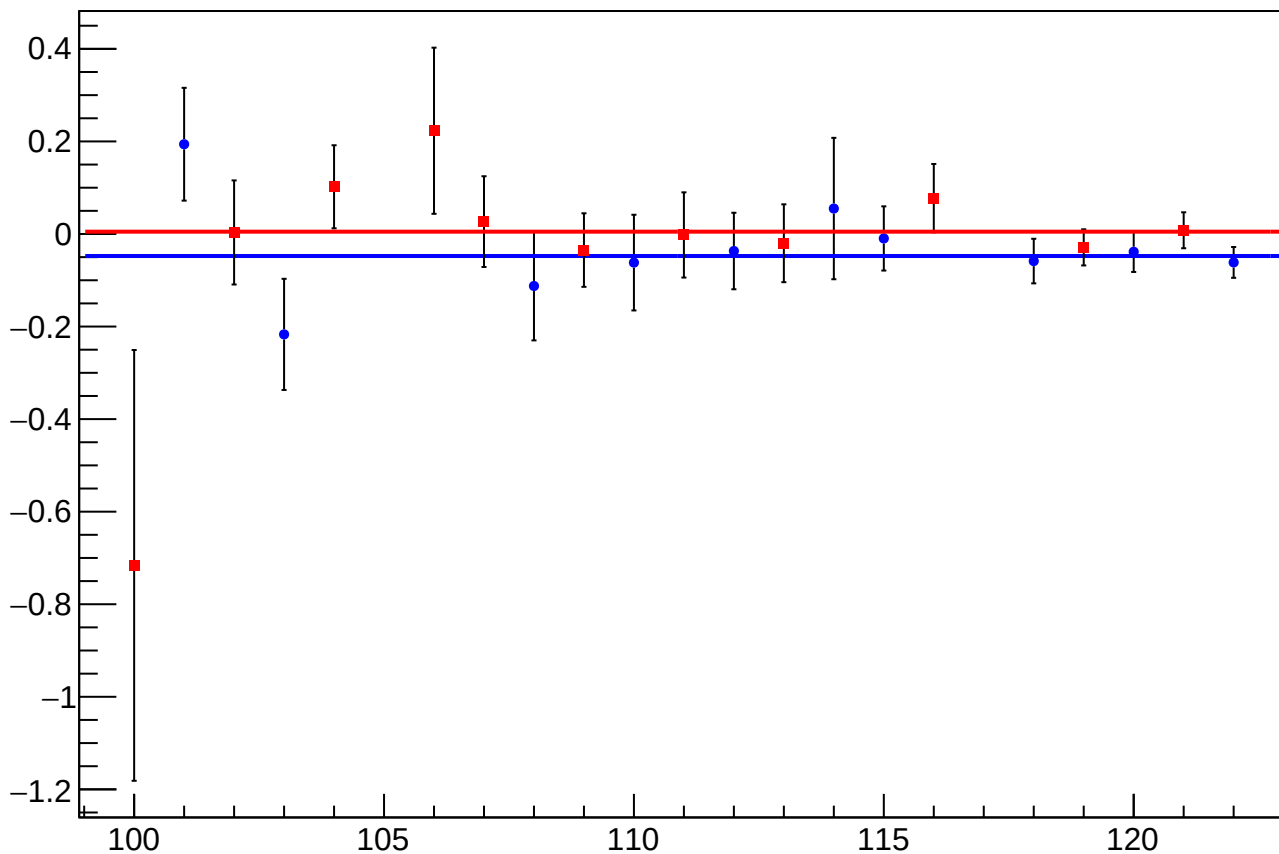
Right: 36.705+/-0.010 χ^2/NDF : 3560793.1/20

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 : 3560793.1/20

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 : 7.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

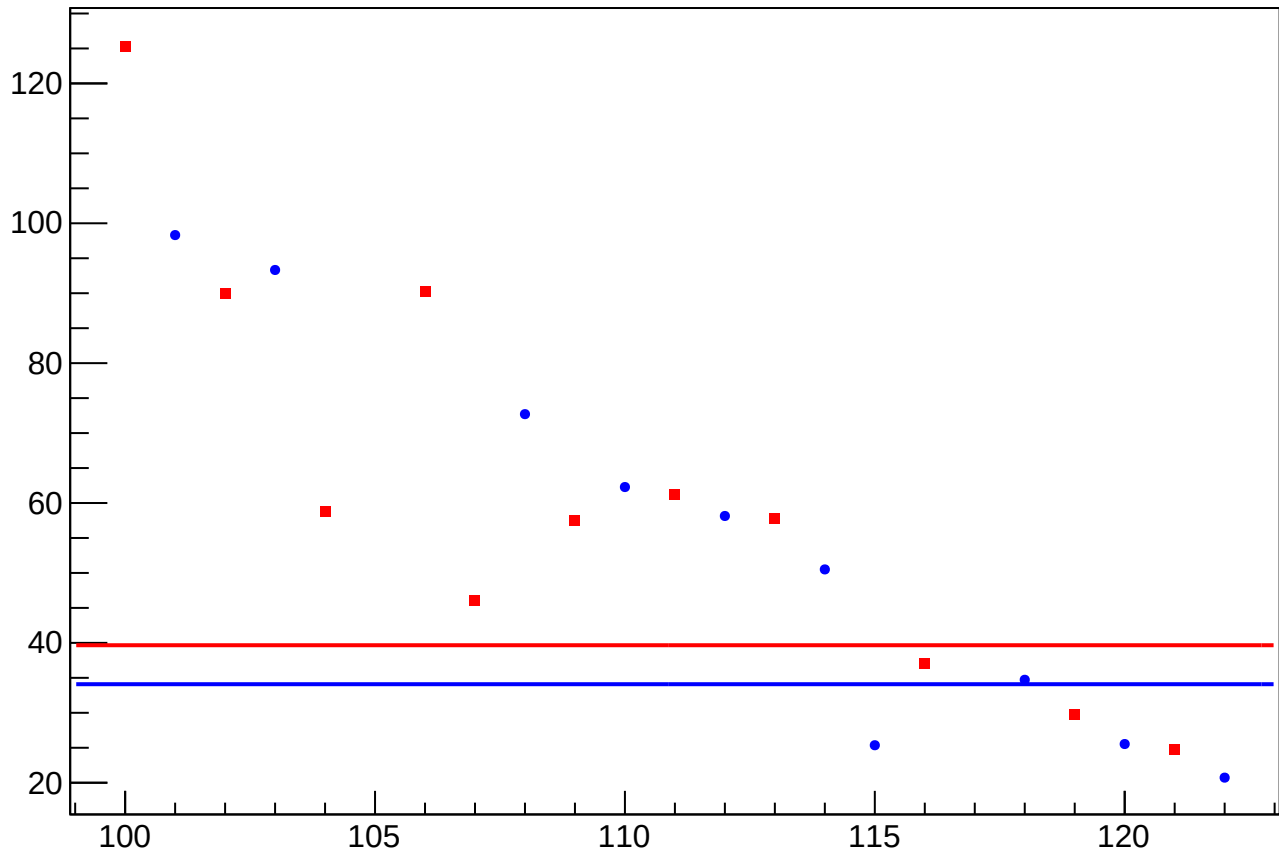
Right: -0.023+/-0.014 χ^2/NDF : 17.8/20

In: -0.048+/-0.020 χ^2/NDF :7.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.023+/-0.014 χ^2/NDF : 17.8/20

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: 39.663+/-0.015 χ^2/NDF : 1455846.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

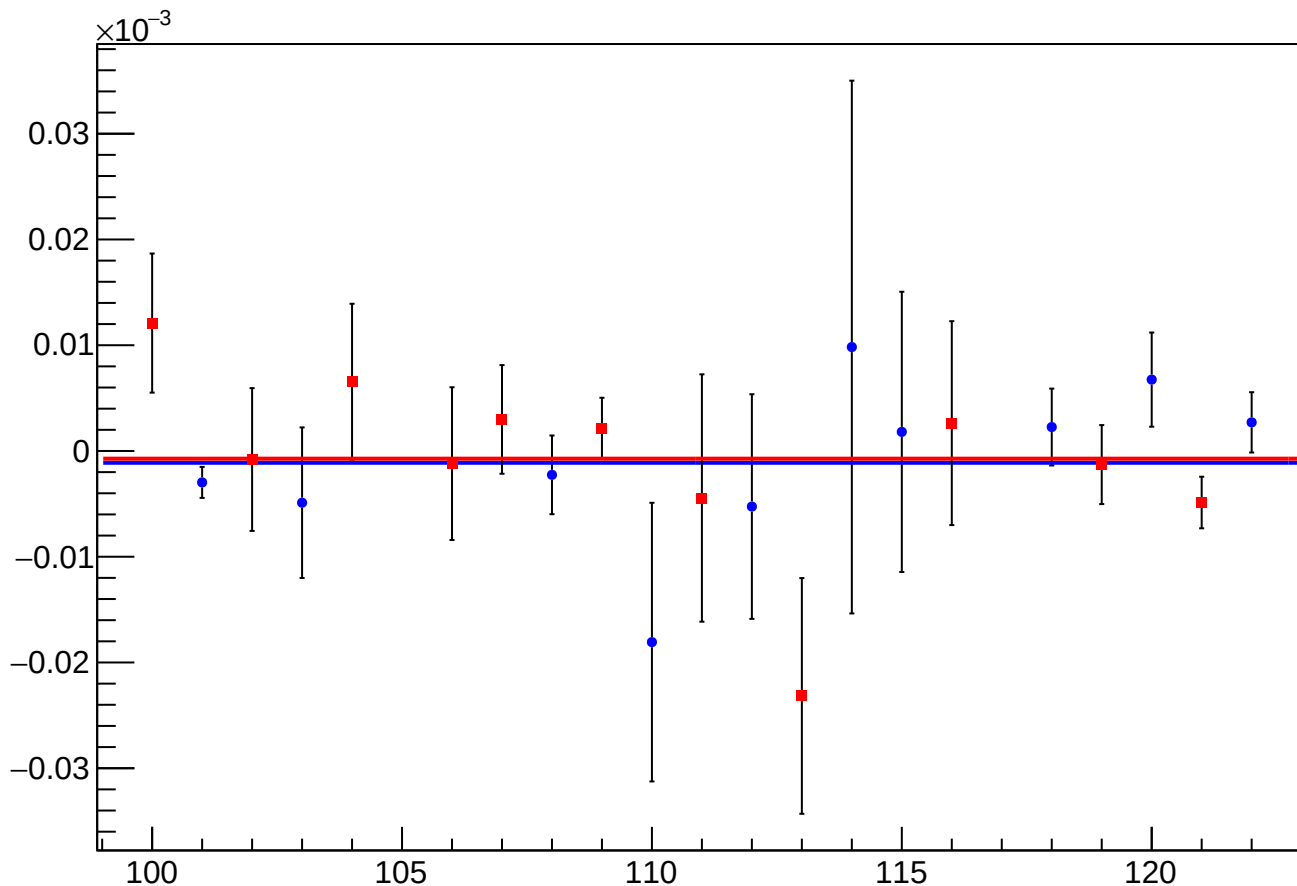
Right: 36.705+/-0.010 χ^2/NDF : 3560793.1/20

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 : 3560793.1/20

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 : 13.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

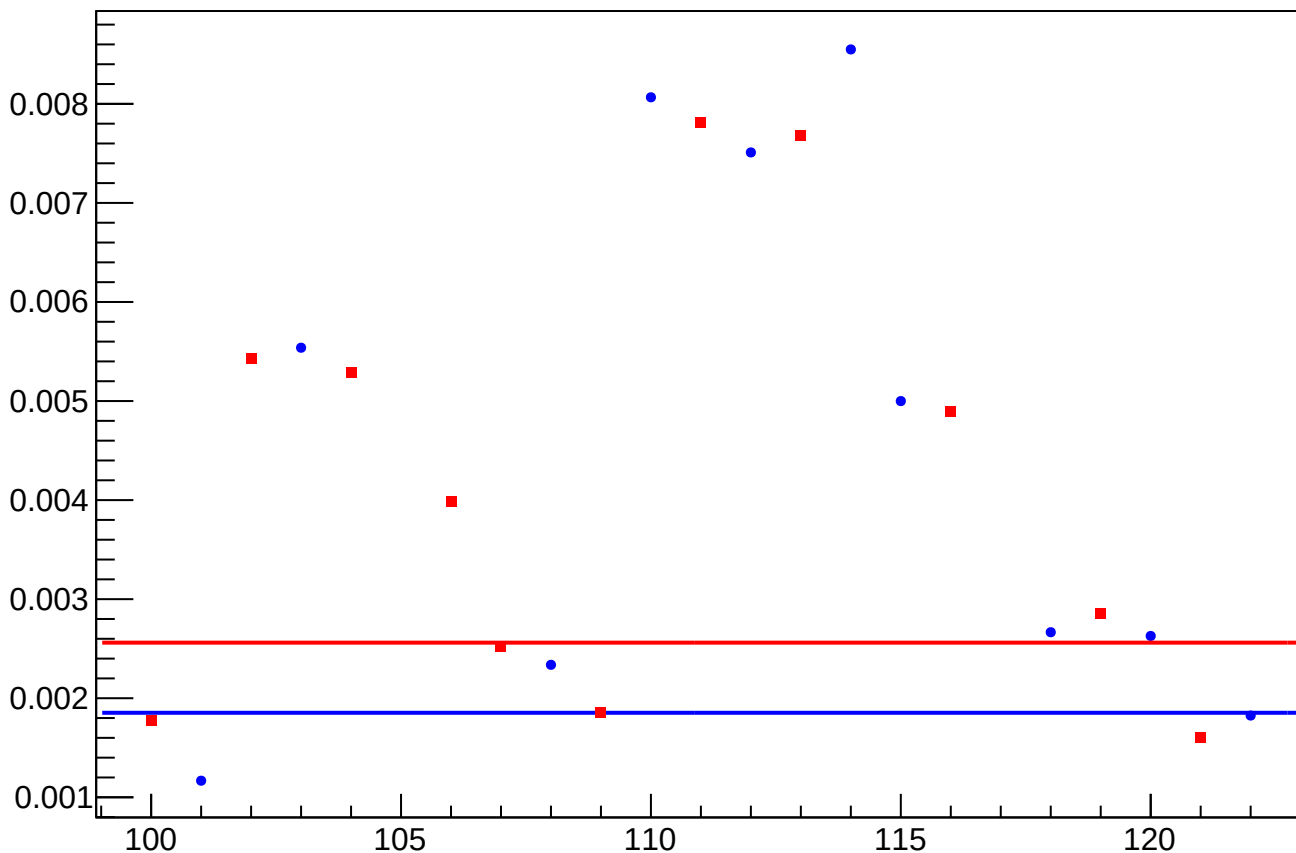
Right: -0.000+/-0.000 χ^2/NDF : 23.4/20

In: -0.000+/-0.000 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.4/20

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 : 2126417.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

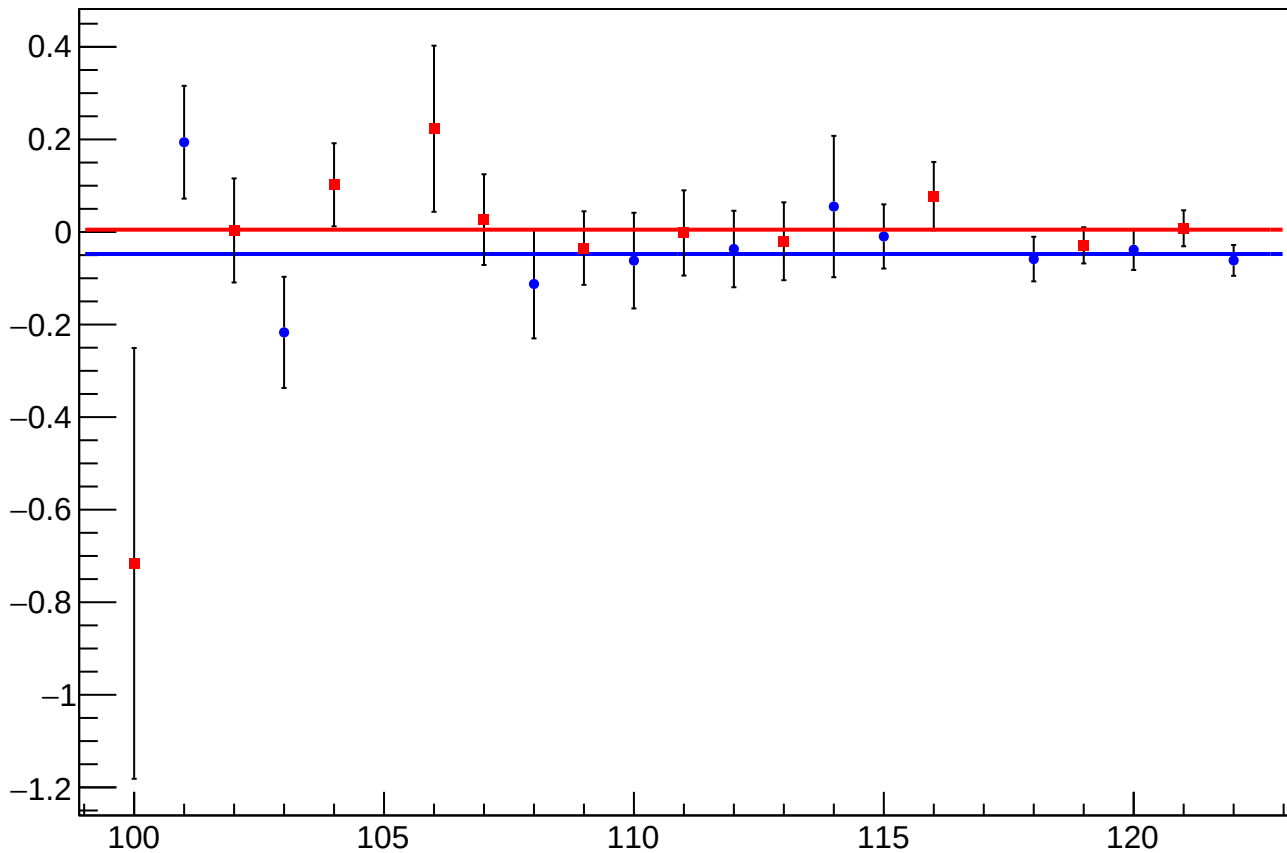
Right: 0.002+/-0.000 χ^2/NDF : 4876673.5/20

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 : 4876673.5/20

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: 7.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

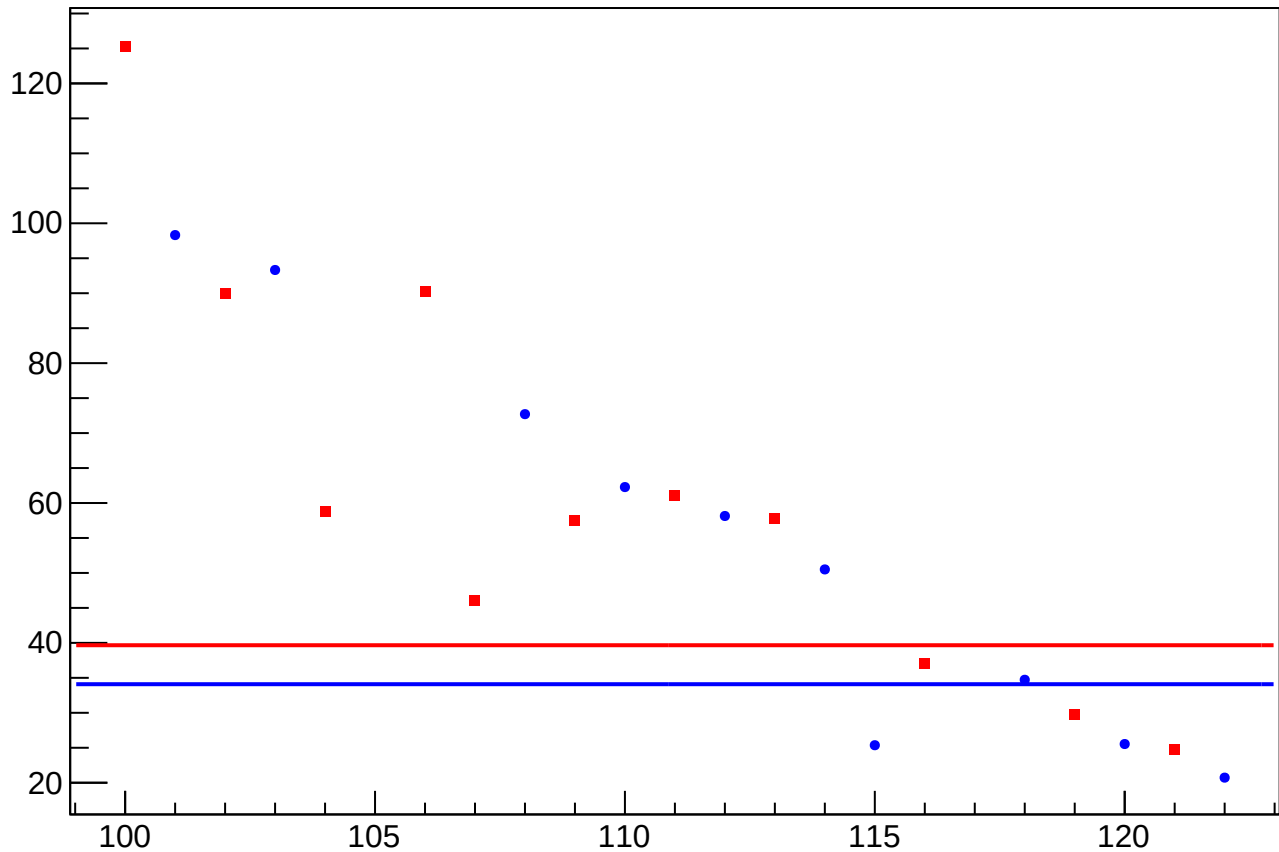
Right: -0.023 $\pm$ 0.014 χ^2 /NDF: 17.8/20

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: -0.023 $\pm$ 0.014 χ^2 /NDF: 17.8/20

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: 39.663+/-0.015 χ^2/NDF : 1455781.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

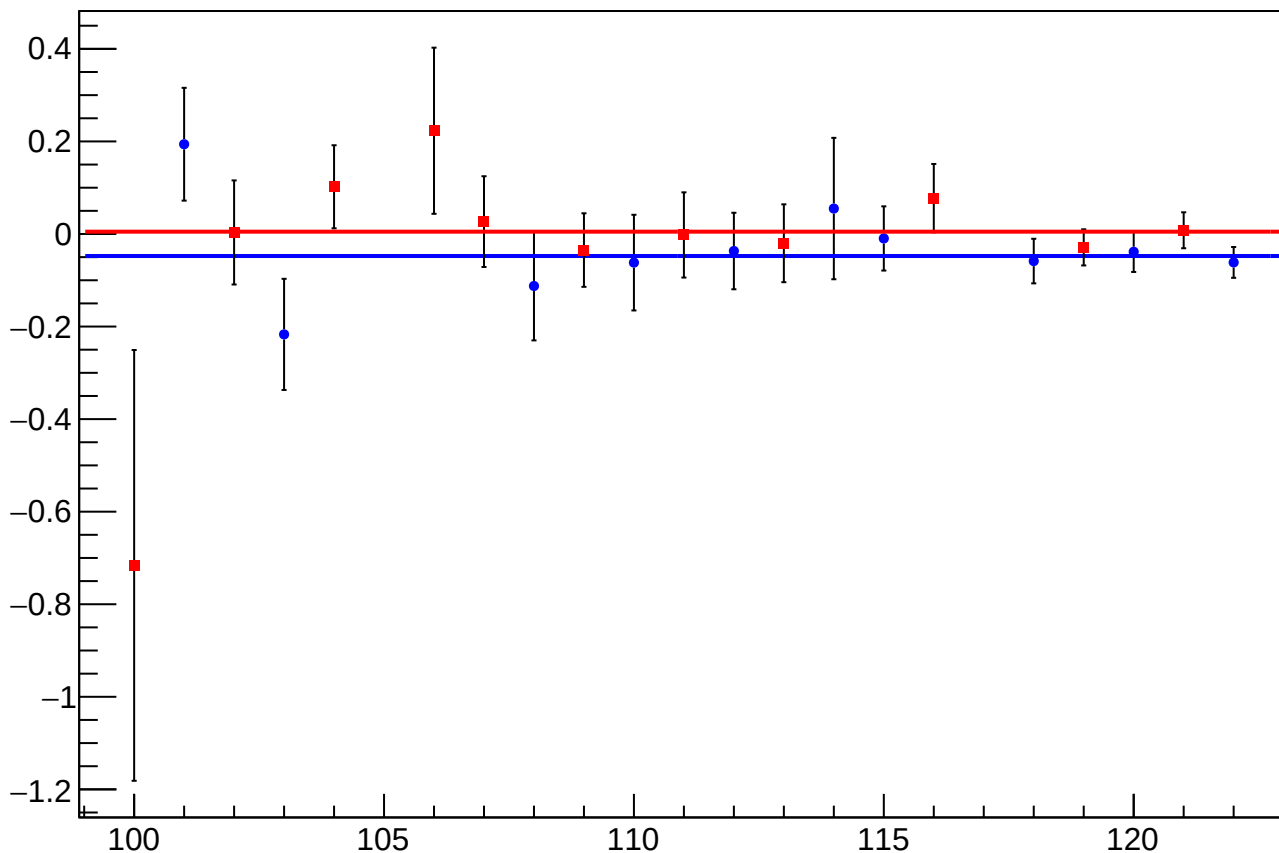
Right: 36.705+/-0.010 χ^2/NDF : 3560646.6/20

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 : 3560646.6/20

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: 7.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

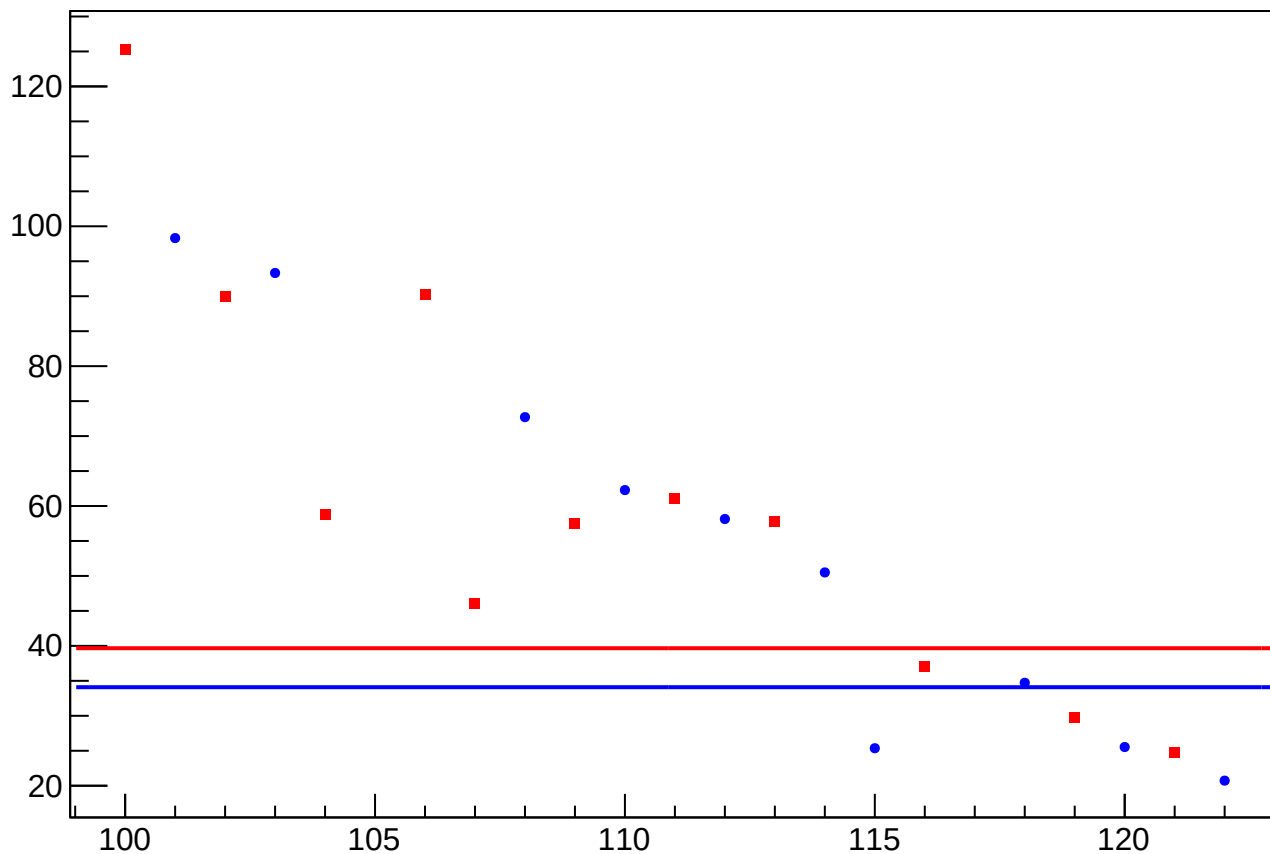
Right: -0.023 $\pm$ 0.014 χ^2 /NDF: 17.8/20

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: -0.023 $\pm$ 0.014 χ^2 /NDF: 17.8/20

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: 39.663+/-0.015 χ^2/NDF : 1455781.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

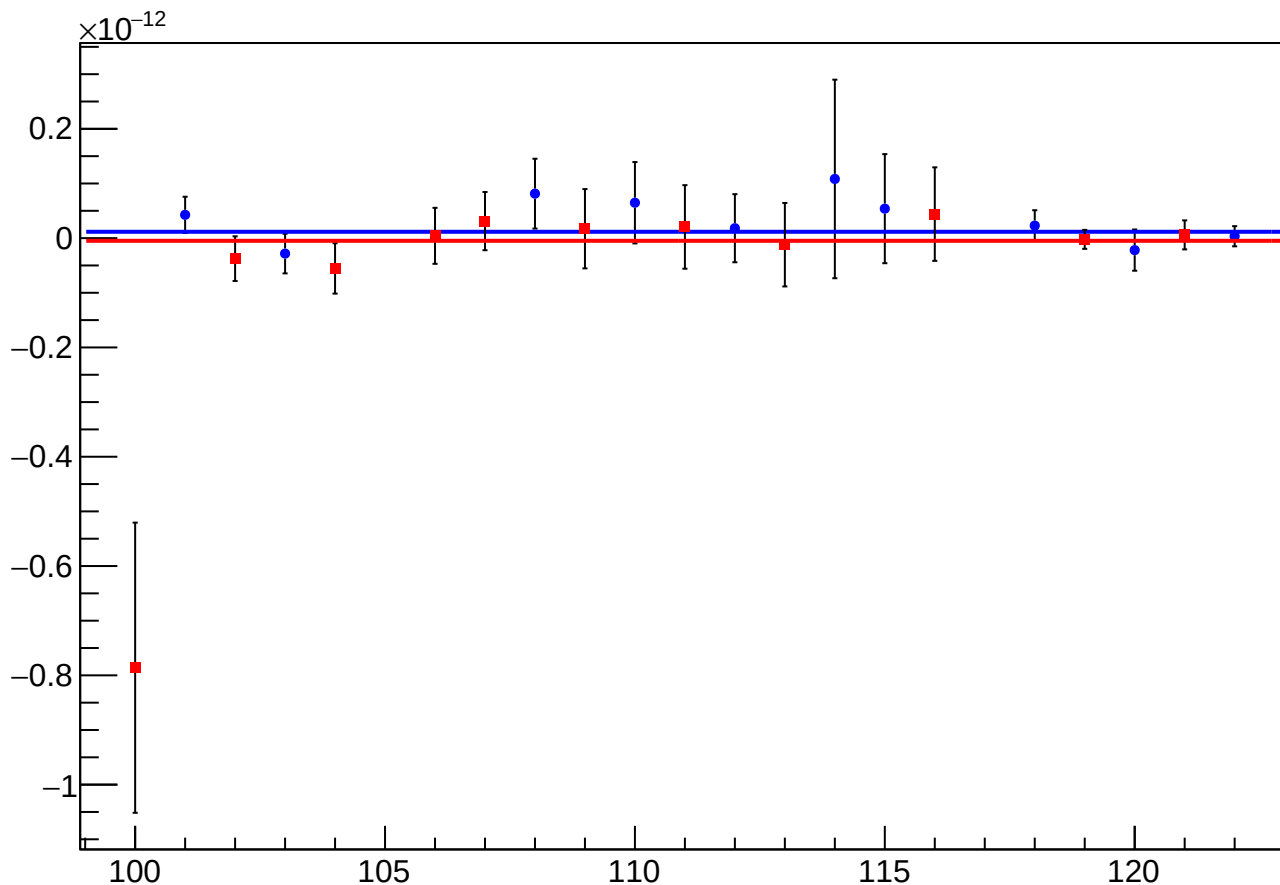
Right: 36.705+/-0.010 χ^2/NDF : 3560646.6/20

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 : 3560646.6/20

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 : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

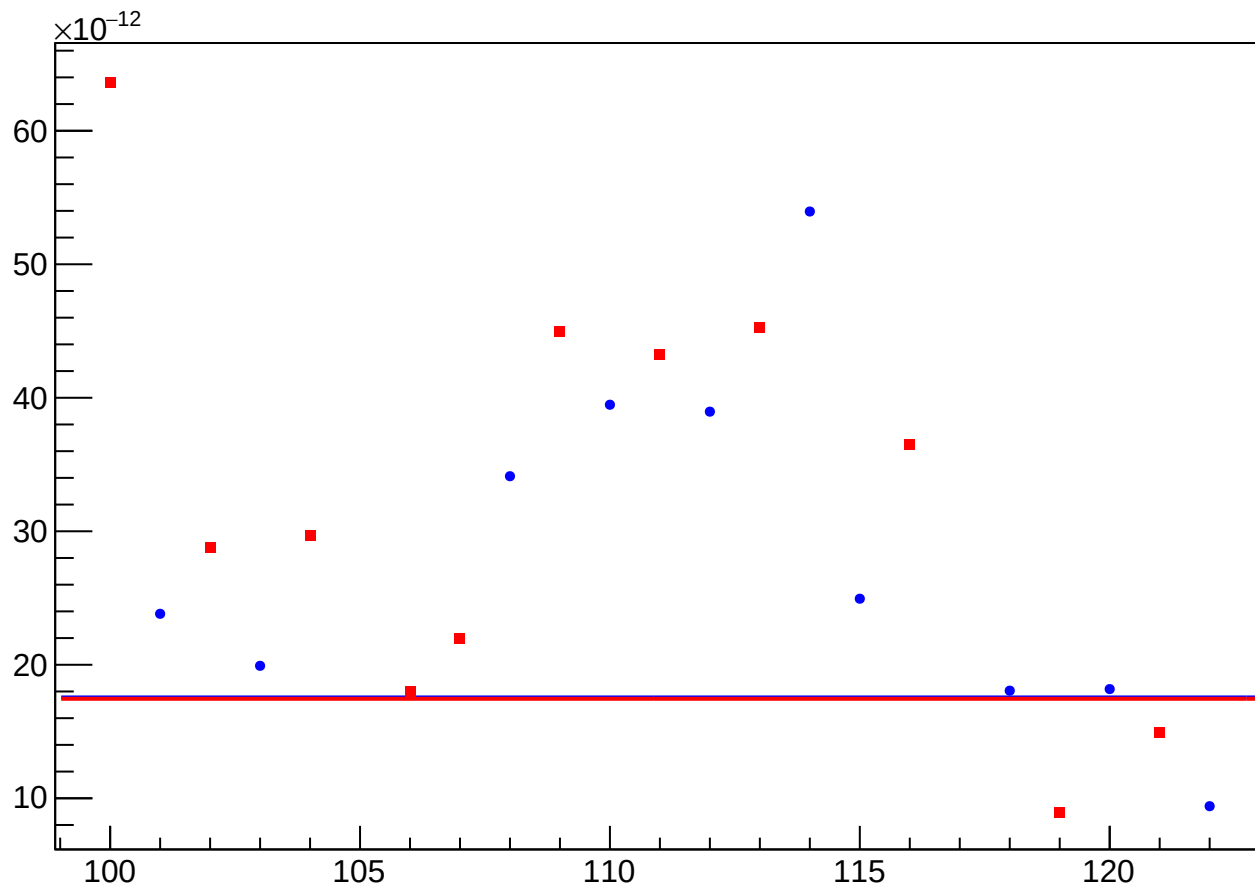
Right: 0.000+/-0.000 χ^2/NDF : 18.1/20

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 : 18.1/20

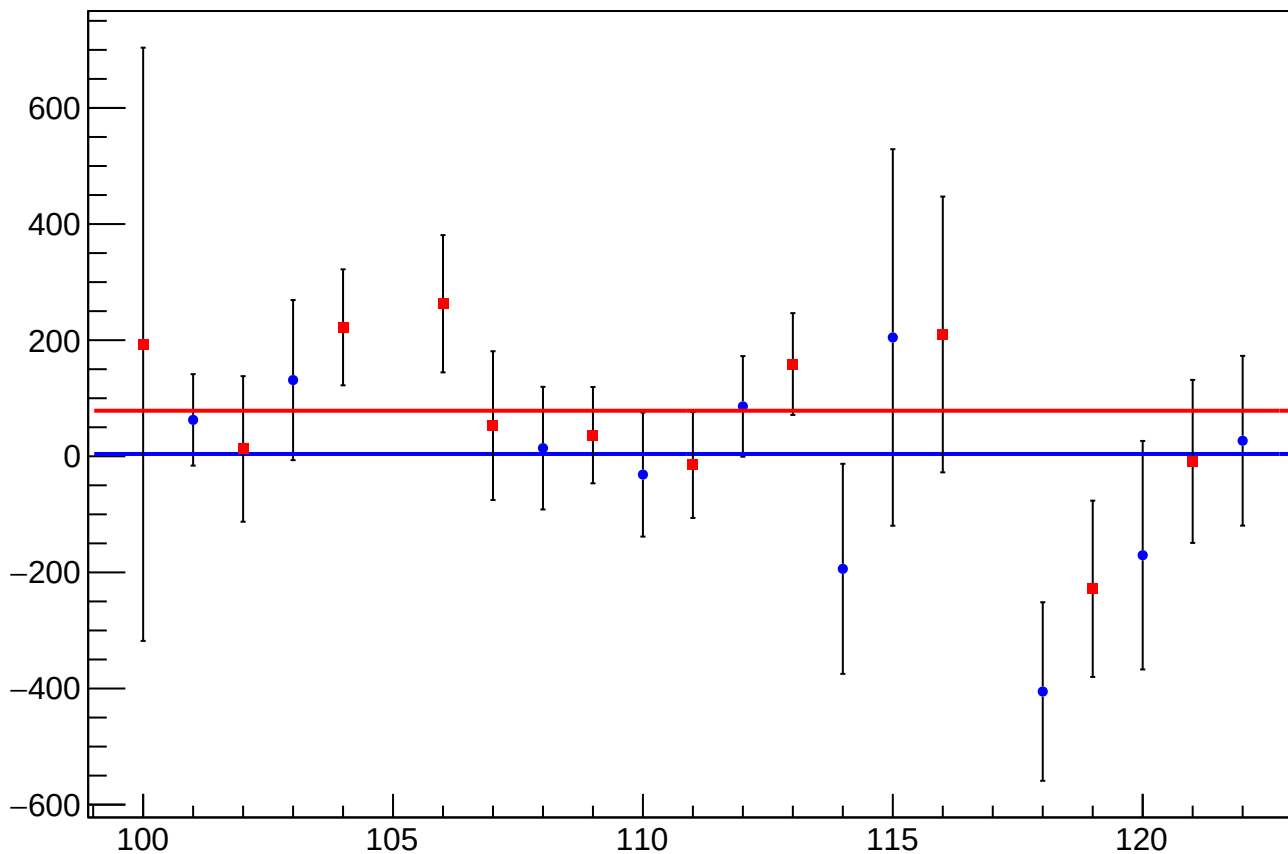
asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 1750774.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2858347.4/20
 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 : 2858347.4/20

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: 78.479+/-35.187 χ^2/NDF : 11.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

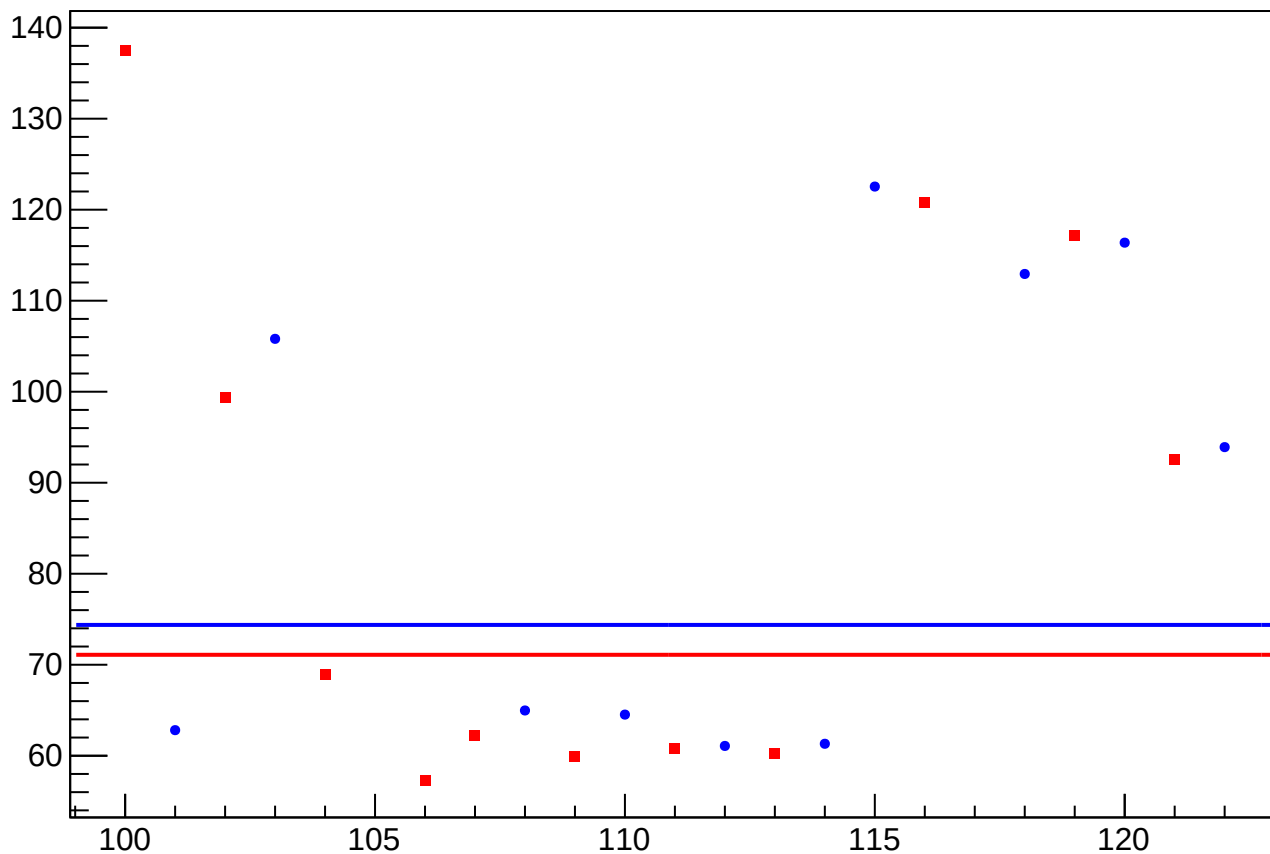
Right: 44.447+/-25.933 χ^2/NDF : 25.7/20

In: 3.984+/-38.369 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.447+/-25.933 χ^2/NDF : 25.7/20

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: 71.093+/-0.025 χ^2/NDF : 583195.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

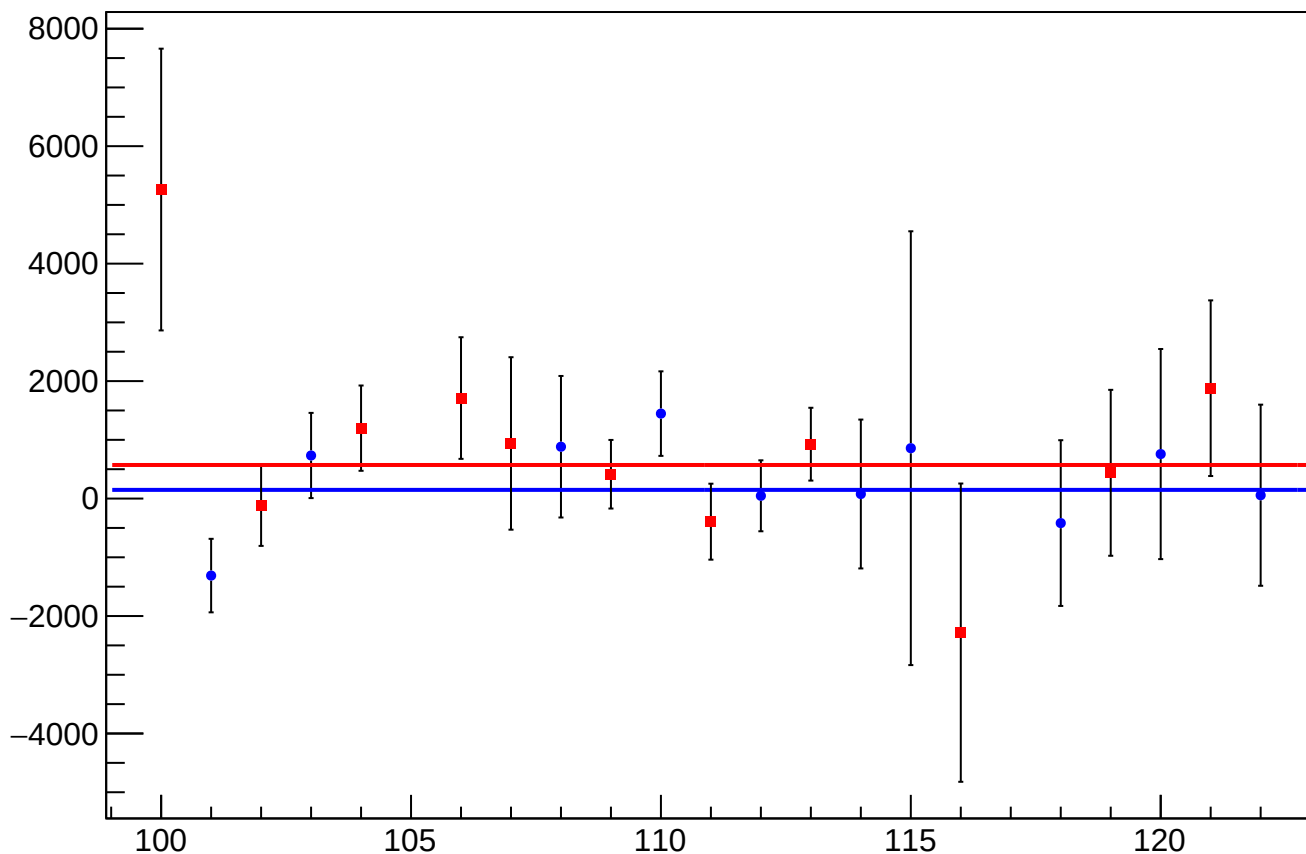
Right: 72.592+/-0.018 χ^2/NDF : 1125340.5/20

In: 74.376+/-0.027 χ^2/NDF : 534191.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.592+/-0.018 χ^2/NDF : 1125340.5/20

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: 571.926+/-261.570 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

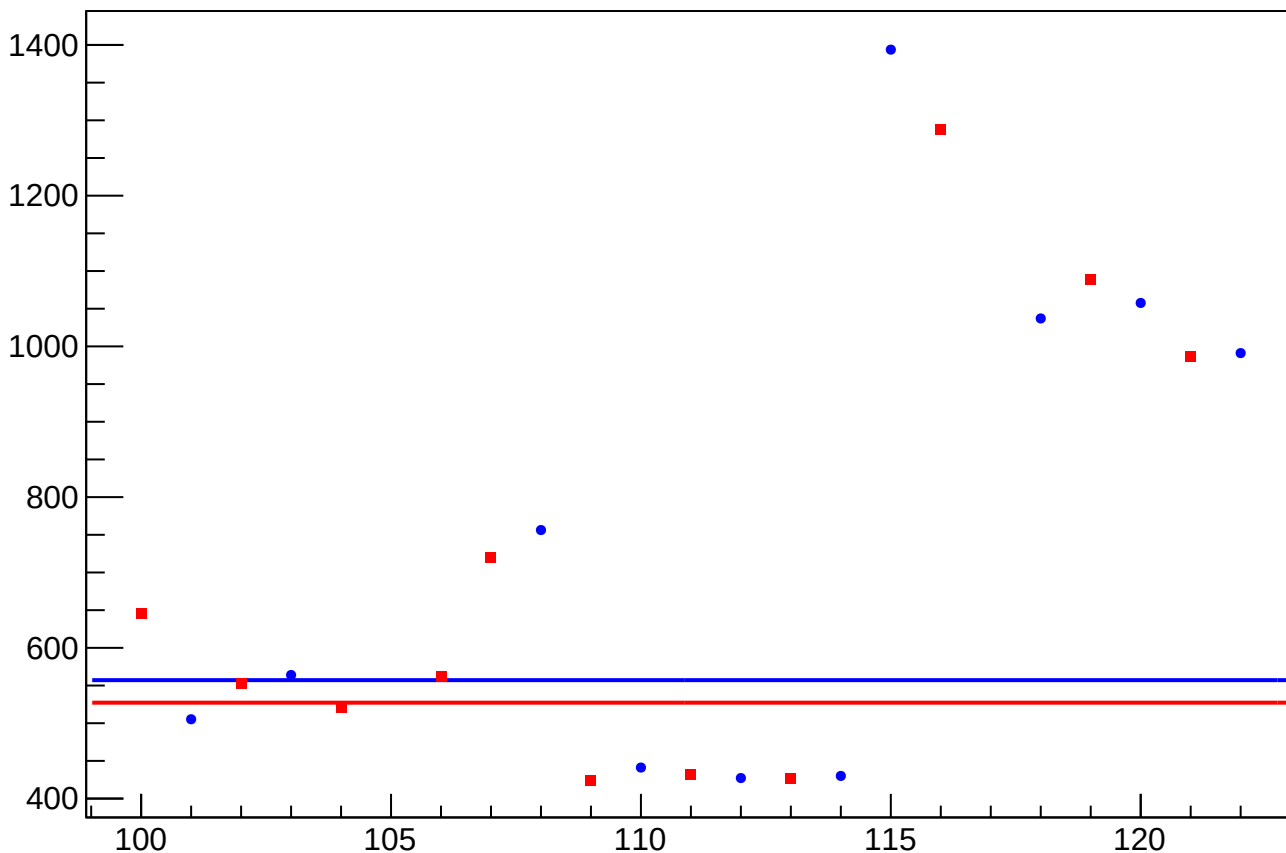
Right: 383.051+/-194.766 χ^2/NDF : 22.8/20

In: 148.029+/-291.779 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.051+/-194.766 χ^2/NDF : 22.8/20

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: 527.262+/-0.185 χ^2/NDF : 887260.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

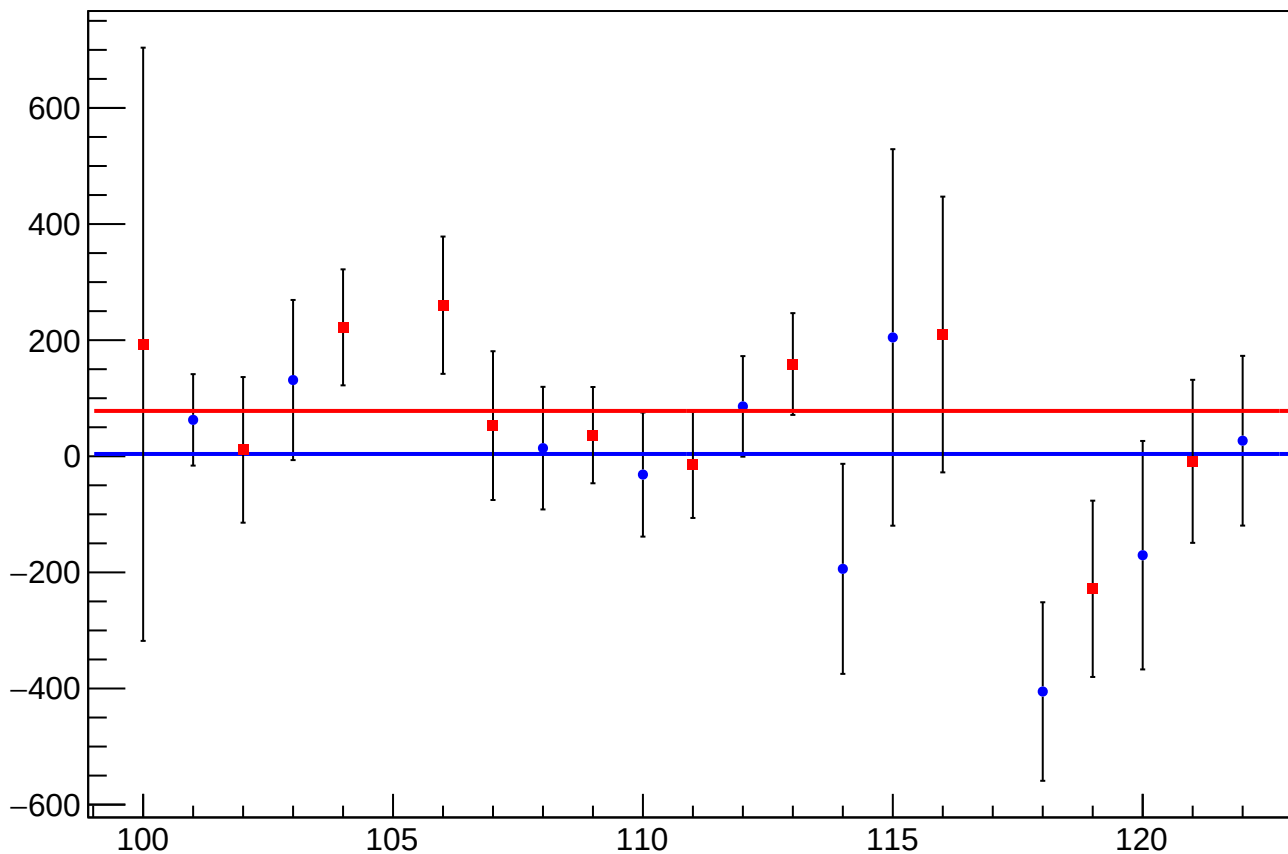
Right: 540.573+/-0.138 χ^2/NDF : 1781099.9/20

In: 557.136+/-0.206 χ^2/NDF : 882215.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.573+/-0.138 χ^2/NDF : 1781099.9/20

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: 78.111+/-35.190 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

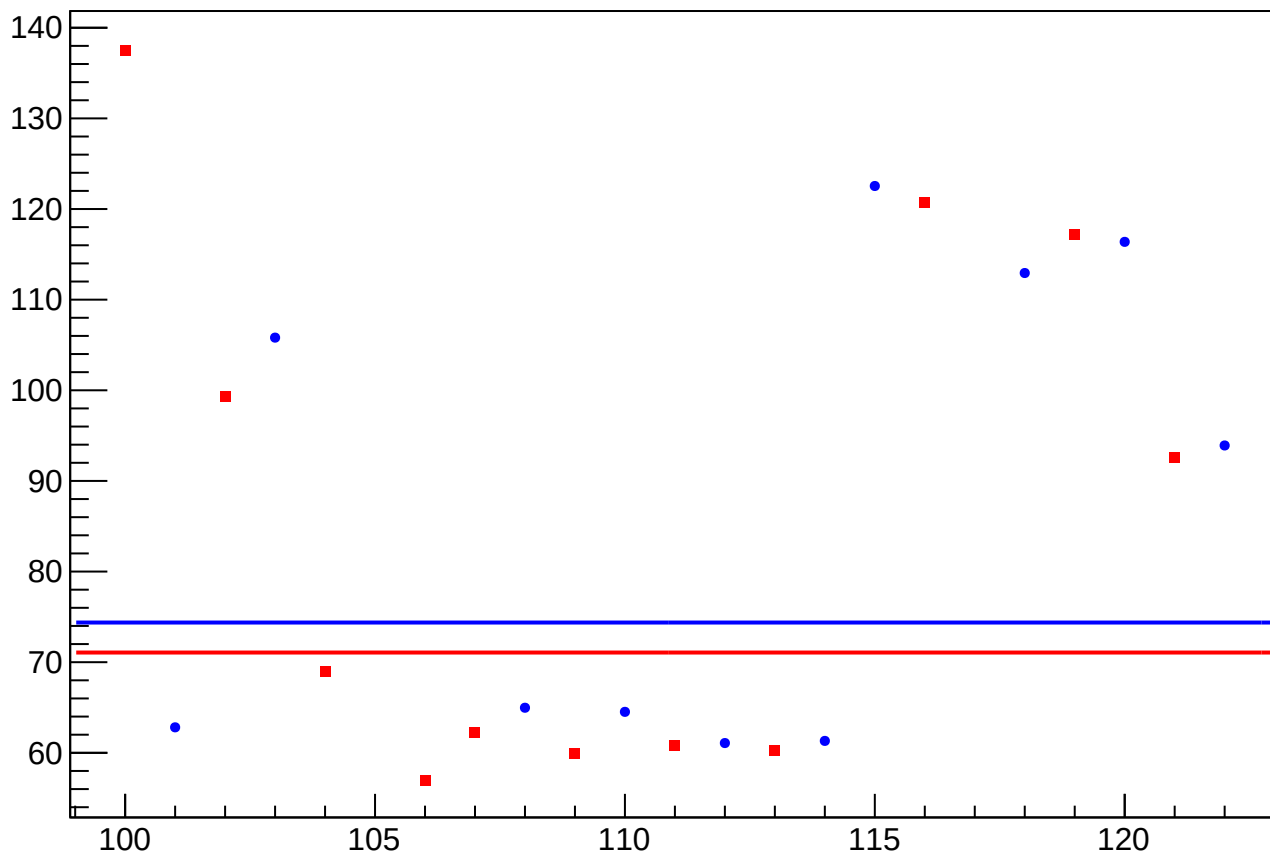
Right: 44.242+/-25.934 χ^2/NDF : 25.7/20

In: 3.979+/-38.369 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.242+/-25.934 χ^2/NDF : 25.7/20

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: 71.066+/-0.025 χ^2/NDF : 584719.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

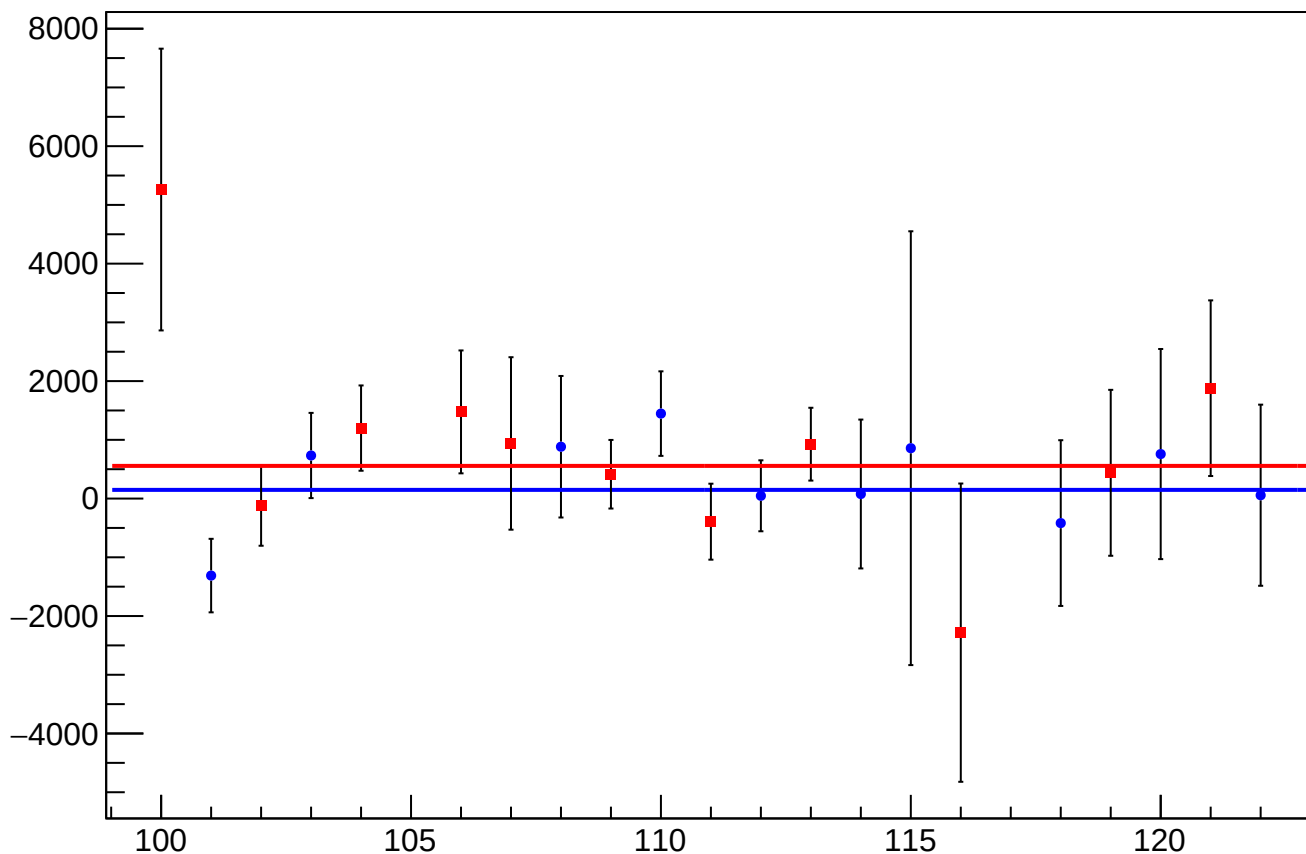
Right: 72.578+/-0.018 χ^2/NDF : 1126997.9/20

In: 74.376+/-0.027 χ^2/NDF :534193.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 72.578+/-0.018 χ^2/NDF : 1126997.9/20

asym_sam_1548_avg_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: 556.365 $\pm$ 261.766 χ^2 /NDF: 11.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

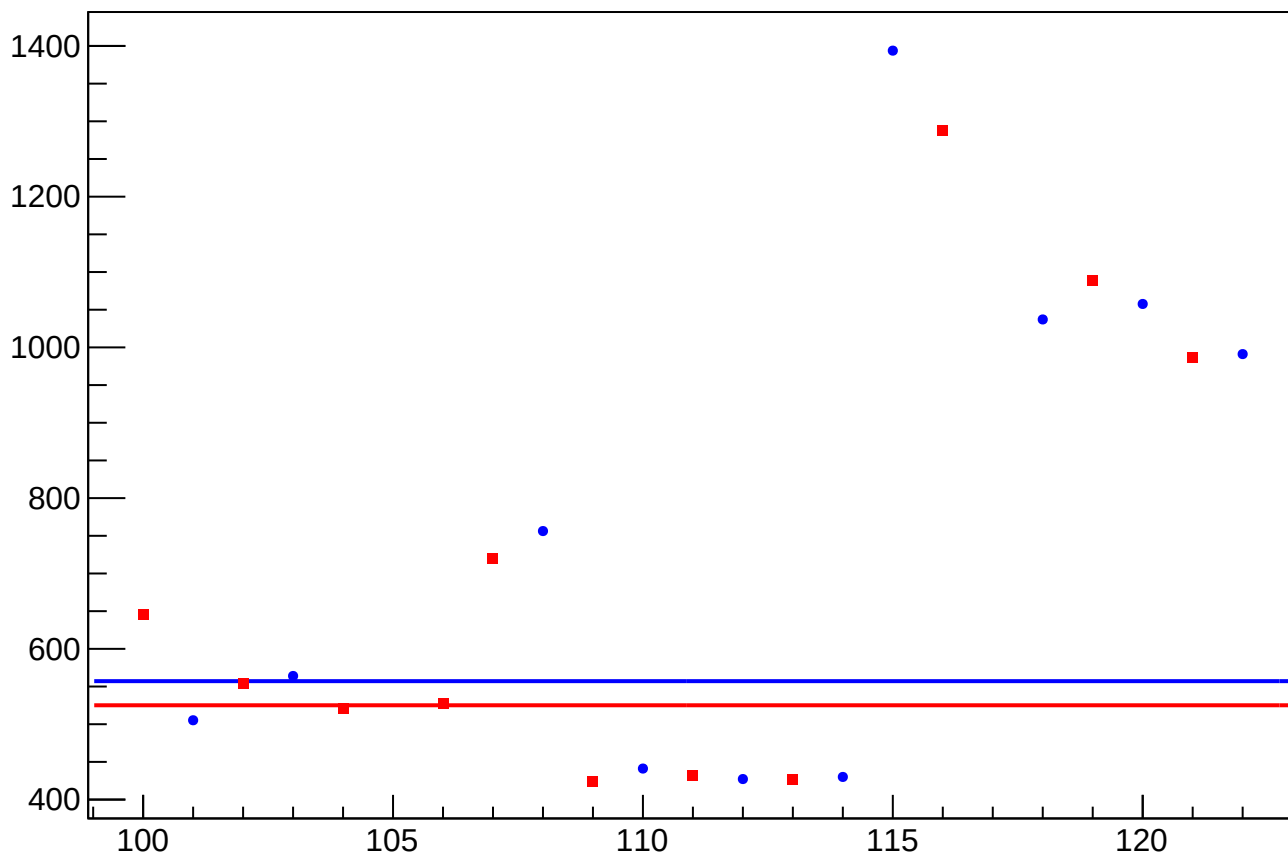
Right: 374.262 $\pm$ 194.848 χ^2 /NDF: 22.2/20

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: 374.262 $\pm$ 194.848 χ^2 /NDF: 22.2/20

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: 525.130+/-0.185 χ^2/NDF : 885014.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

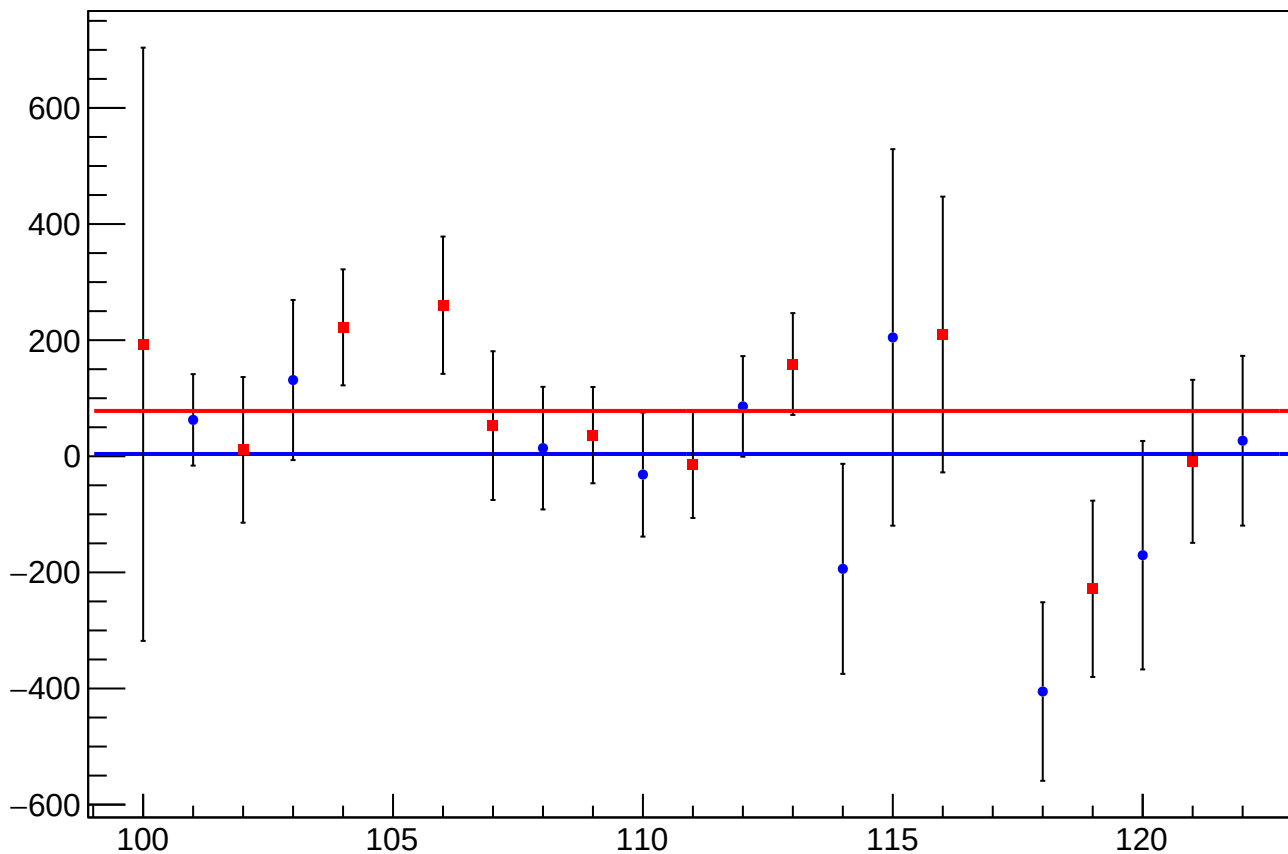
Right: 539.407+/-0.138 χ^2/NDF : 1780570.7/20

In: 557.145+/-0.206 χ^2/NDF : 882215.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.407+/-0.138 χ^2/NDF : 1780570.7/20

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: 78.111+/-35.190 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

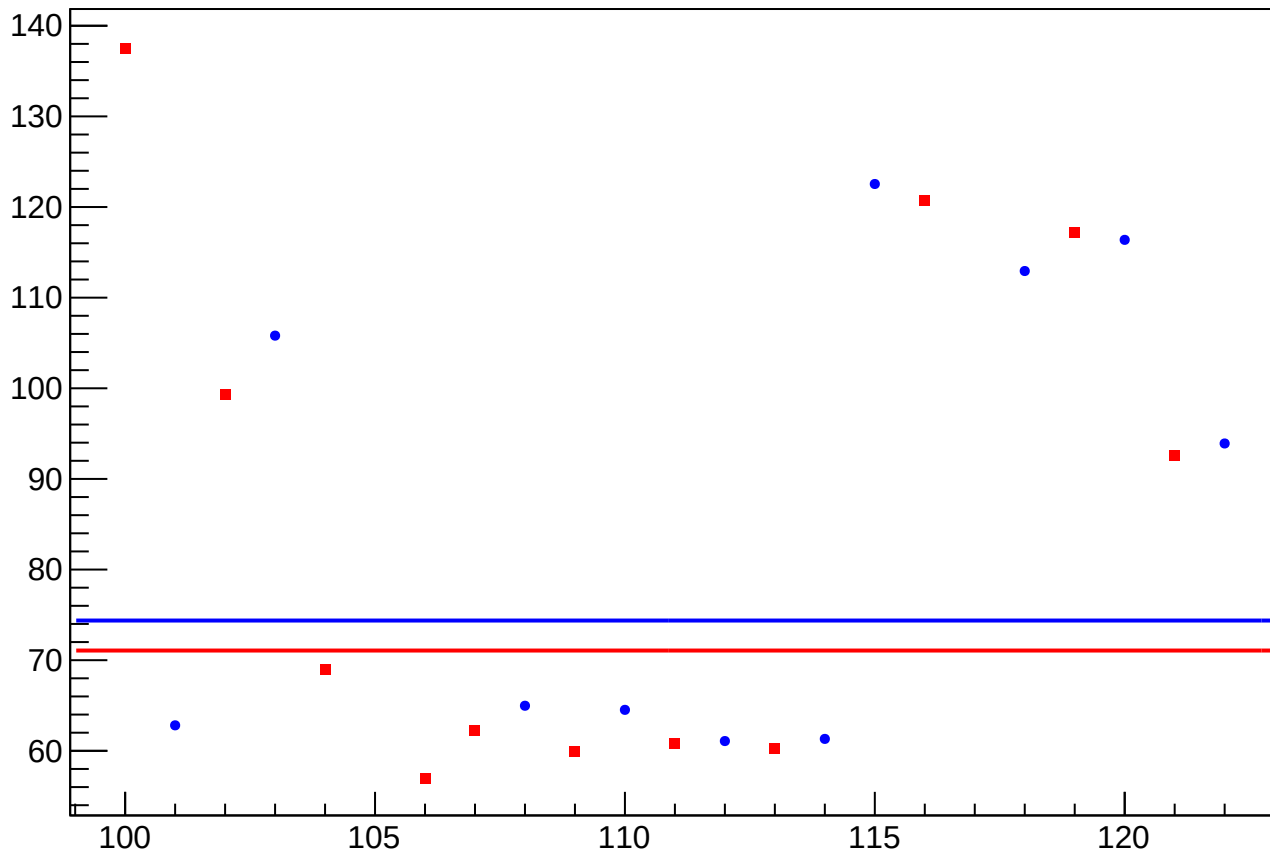
Right: 44.242+/-25.934 χ^2/NDF : 25.7/20

In: 3.979+/-38.369 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.242+/-25.934 χ^2/NDF : 25.7/20

eigen_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: 71.066+/-0.025 χ^2/NDF : 584719.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

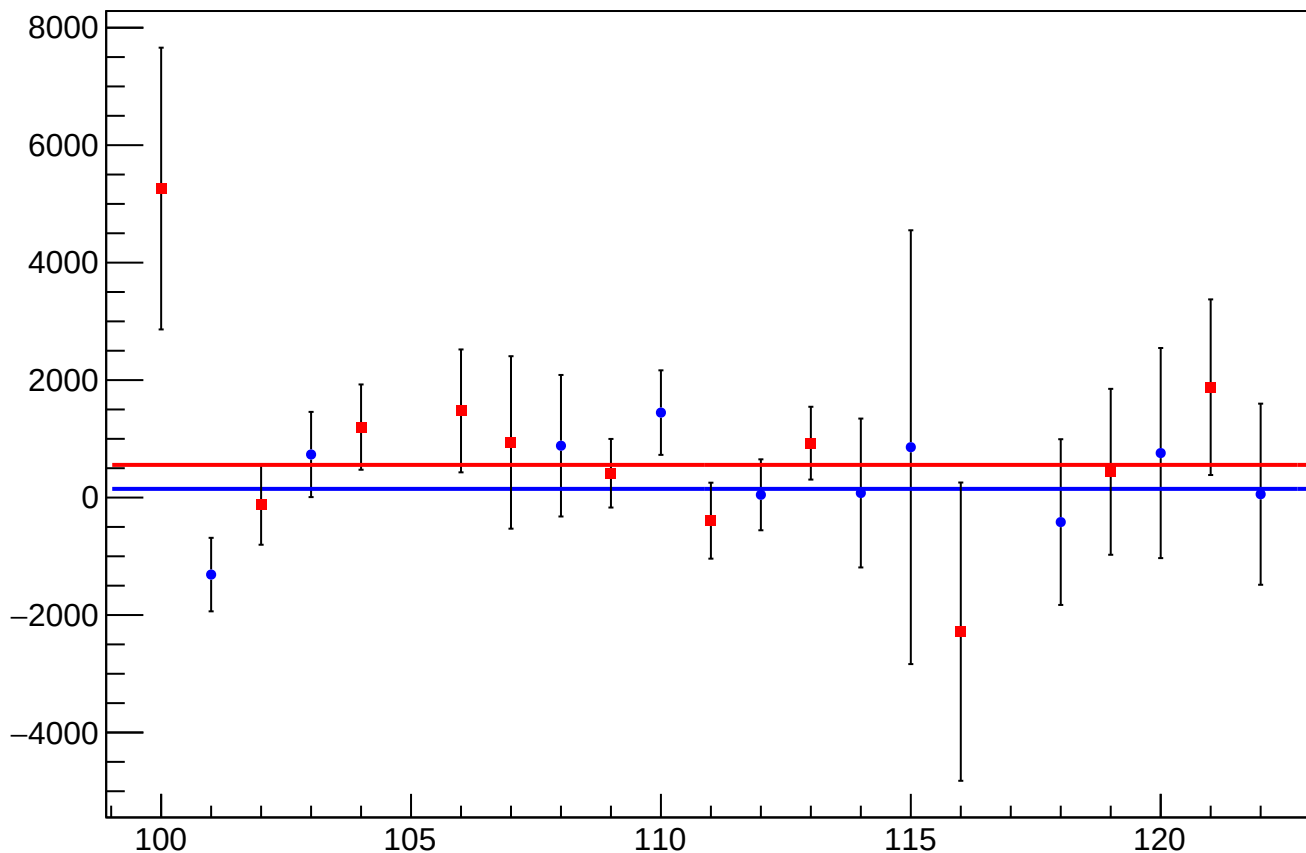
Right: 72.578+/-0.018 χ^2/NDF : 1126997.9/20

In: 74.376+/-0.027 χ^2/NDF : 534193.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.578+/-0.018 χ^2/NDF : 1126997.9/20

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: 556.365 $\pm$ 261.766 χ^2 /NDF: 11.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

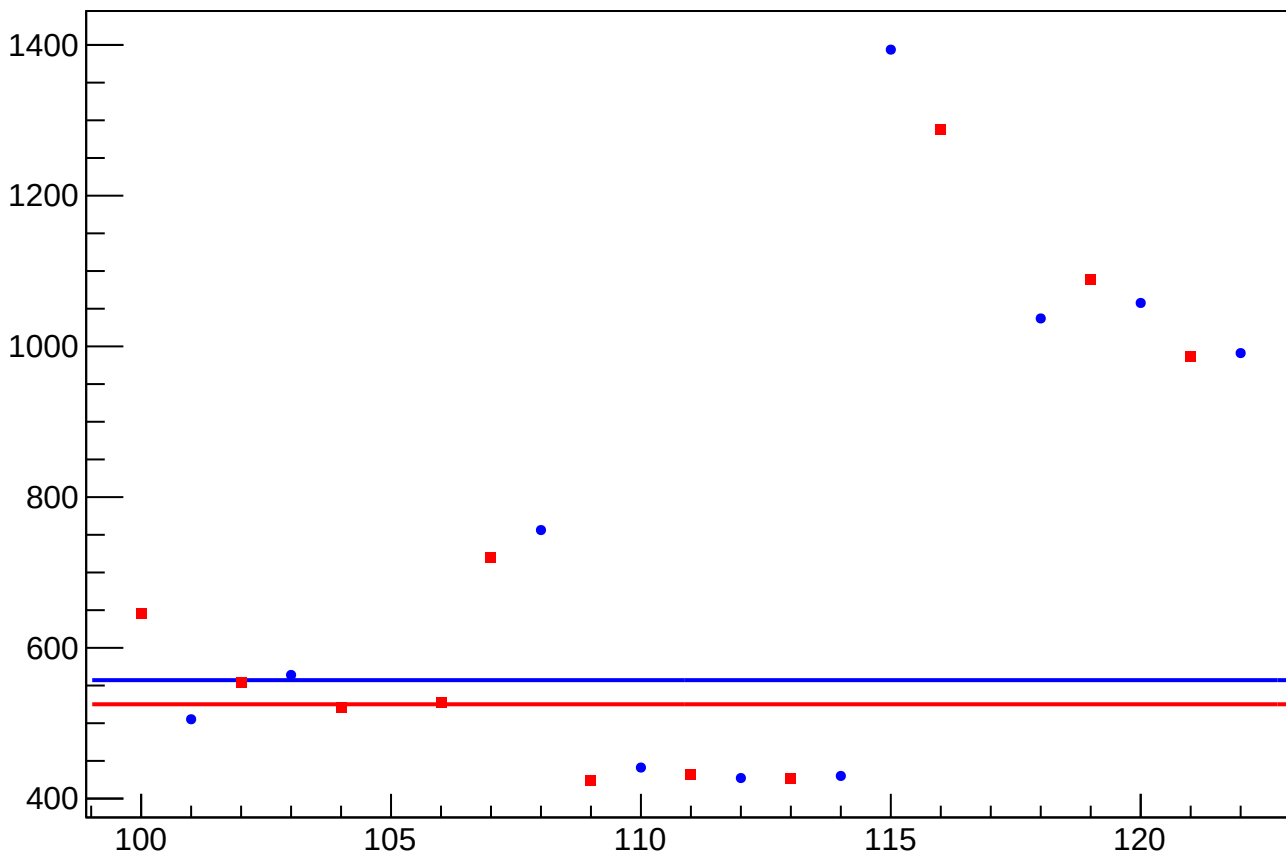
Right: 374.262 $\pm$ 194.848 χ^2 /NDF: 22.2/20

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: 374.262 $\pm$ 194.848 χ^2 /NDF: 22.2/20

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: 525.130+/-0.185 χ^2/NDF : 885014.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

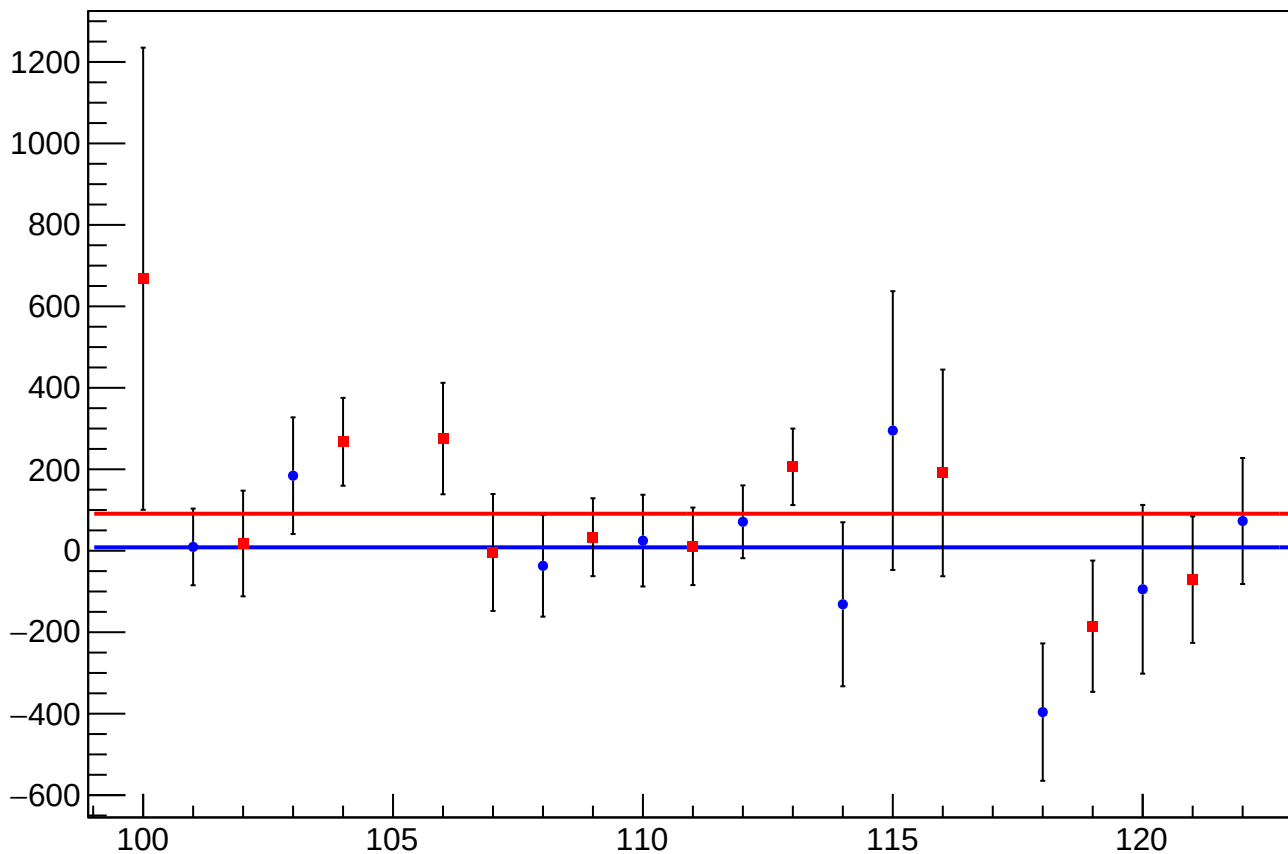
Right: 539.407+/-0.138 χ^2/NDF : 1780570.7/20

In: 557.145+/-0.206 χ^2/NDF : 882215.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.407+/-0.138 χ^2/NDF : 1780570.7/20

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: 90.919+/-38.378 χ^2/NDF : 13.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

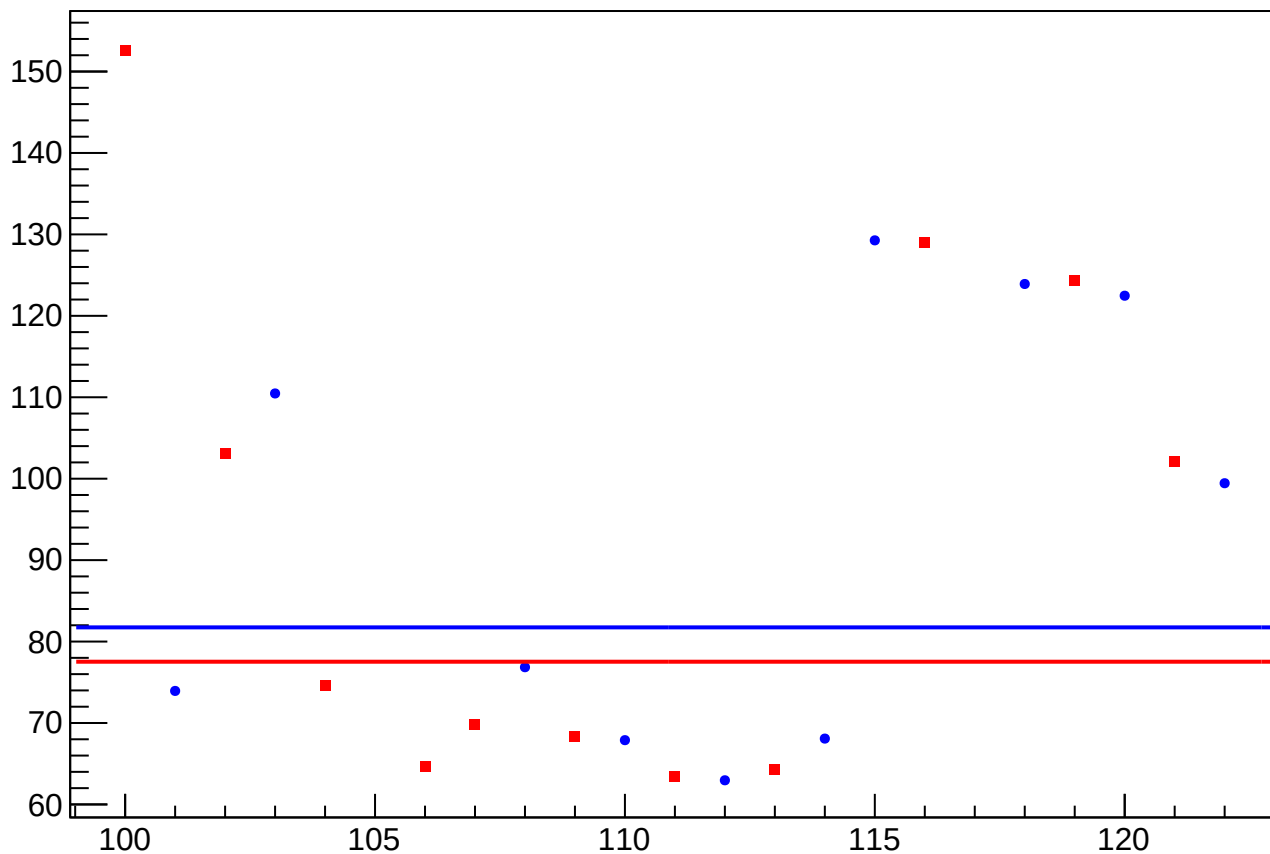
Right: 53.494+/-28.371 χ^2/NDF : 24.6/20

In: 8.400+/-42.128 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.494+/-28.371 χ^2/NDF : 24.6/20

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.742+/-0.030 χ^2/NDF : 492153.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.525+/-0.027 χ^2/NDF : 540324.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

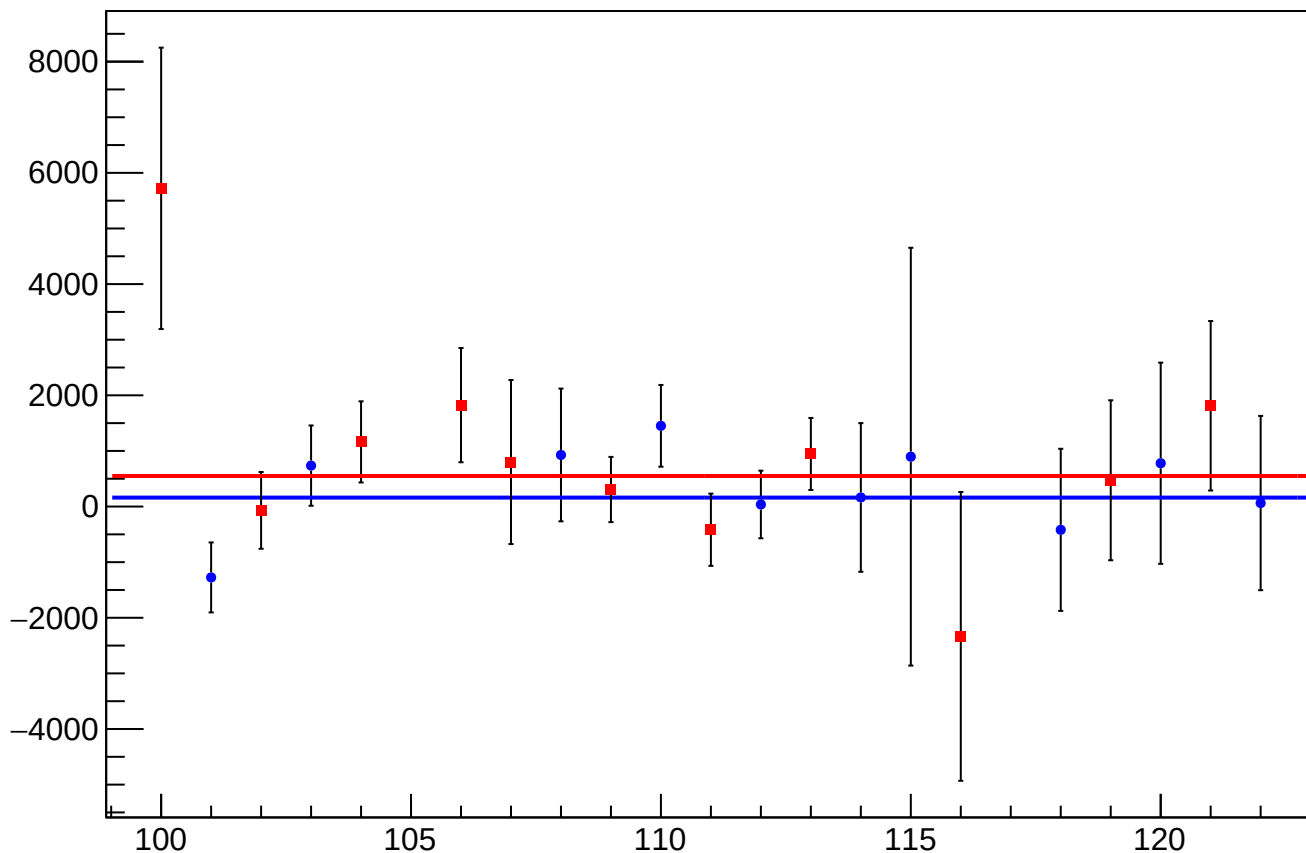
Right: 79.438+/-0.020 χ^2/NDF : 1043430.4/20

In: 81.742+/-0.030 χ^2/NDF : 492153.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.438+/-0.020 χ^2/NDF : 1043430.4/20

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 160.939+/-294.633 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 549.856+/-264.698 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

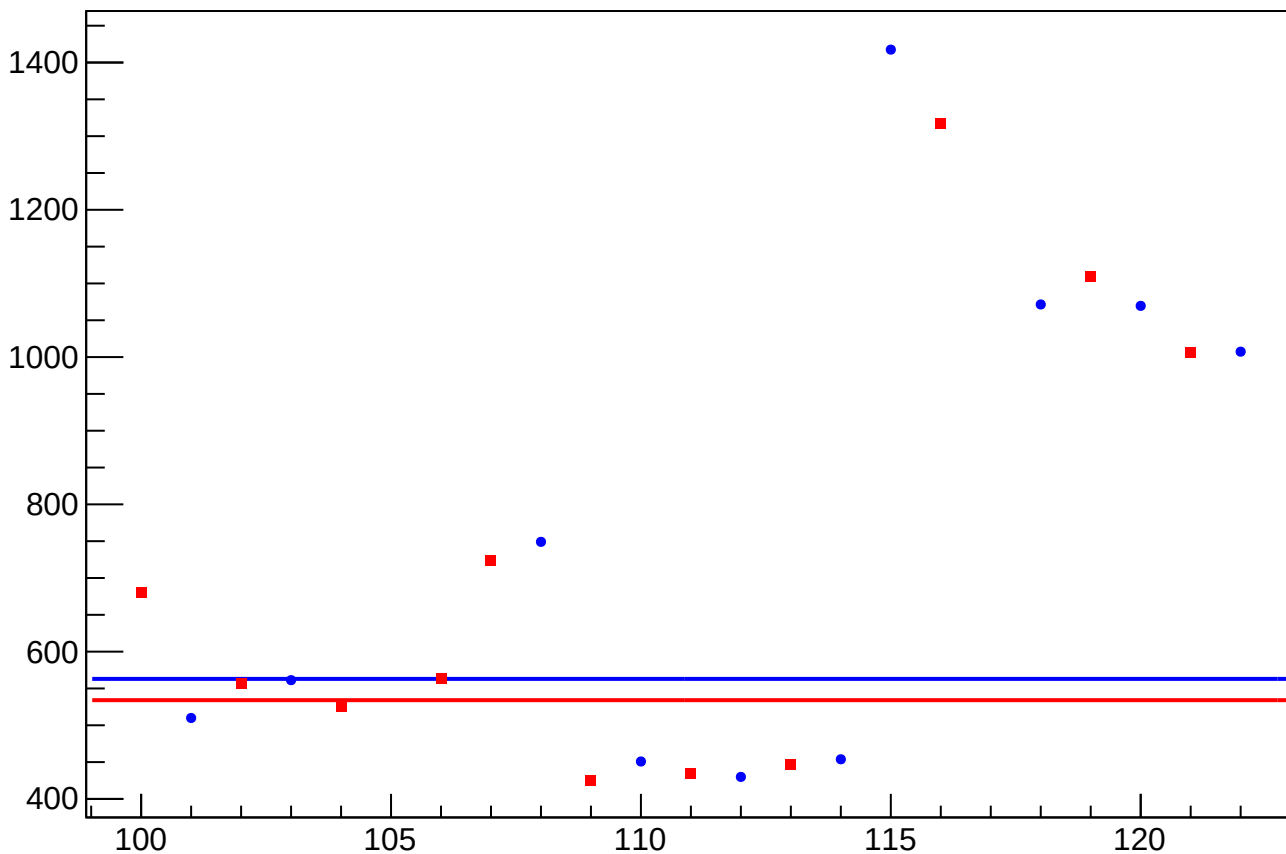
Right: 376.153+/-196.905 χ^2/NDF : 22.6/20

In: 160.939+/-294.633 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.153+/-196.905 χ^2/NDF : 22.6/20

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: 534.100+/-0.187 χ^2/NDF : 890157.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

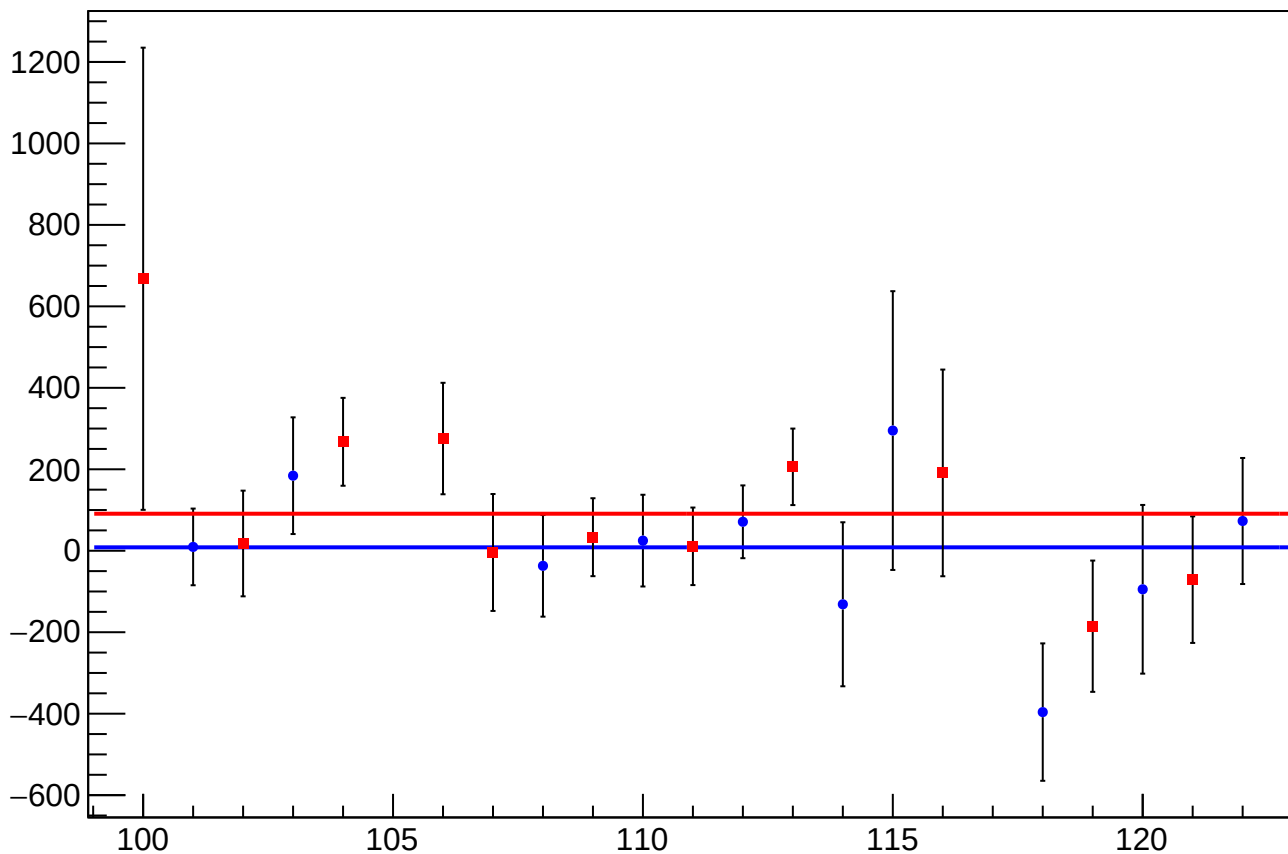
Right: 547.005+/-0.139 χ^2/NDF : 1784180.7/20

In: 562.993+/-0.208 χ^2/NDF : 883380.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.005+/-0.139 χ^2/NDF : 1784180.7/20

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: 90.918+/-38.378 χ^2/NDF : 13.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

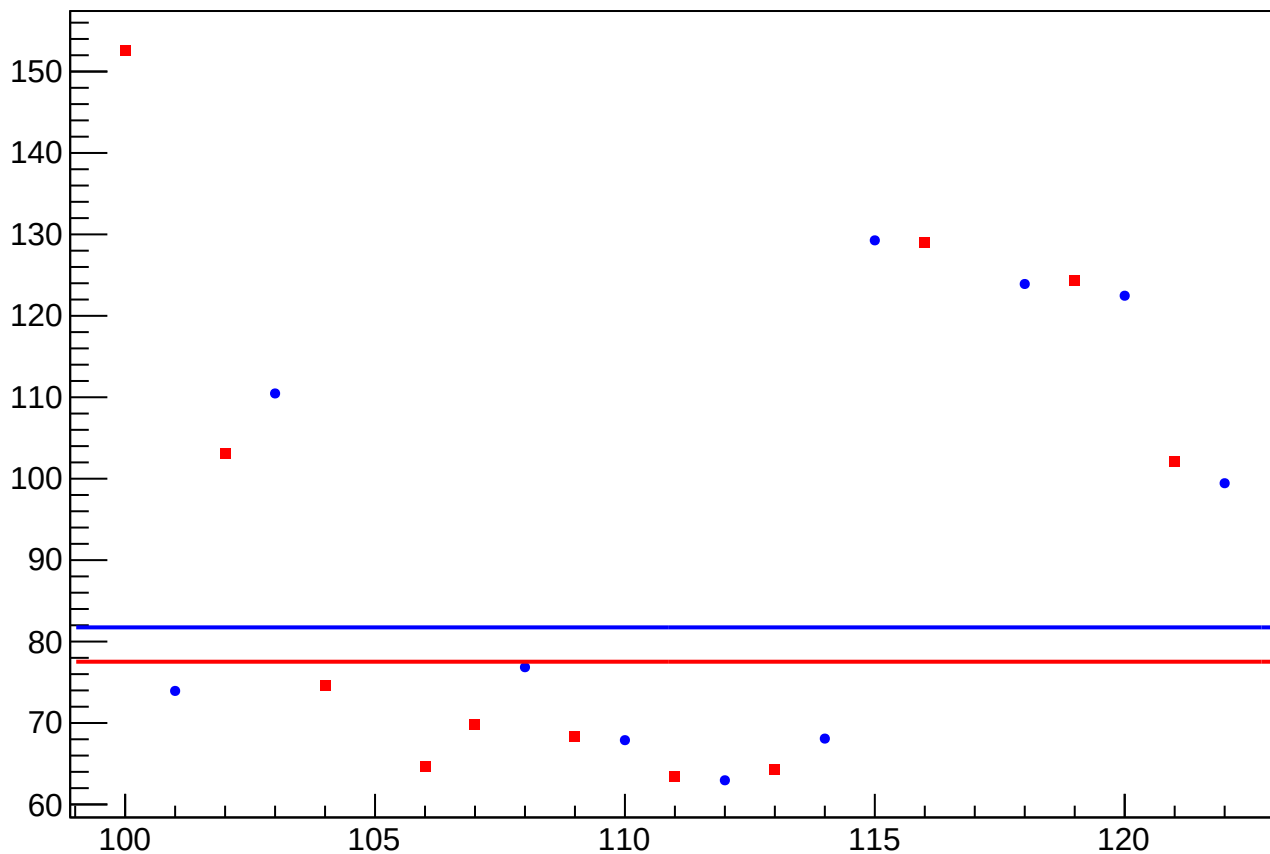
Right: 53.494+/-28.371 χ^2/NDF : 24.6/20

In: 8.400+/-42.128 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.494+/-28.371 χ^2/NDF : 24.6/20

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: 77.525+/-0.027 χ^2/NDF : 540326.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

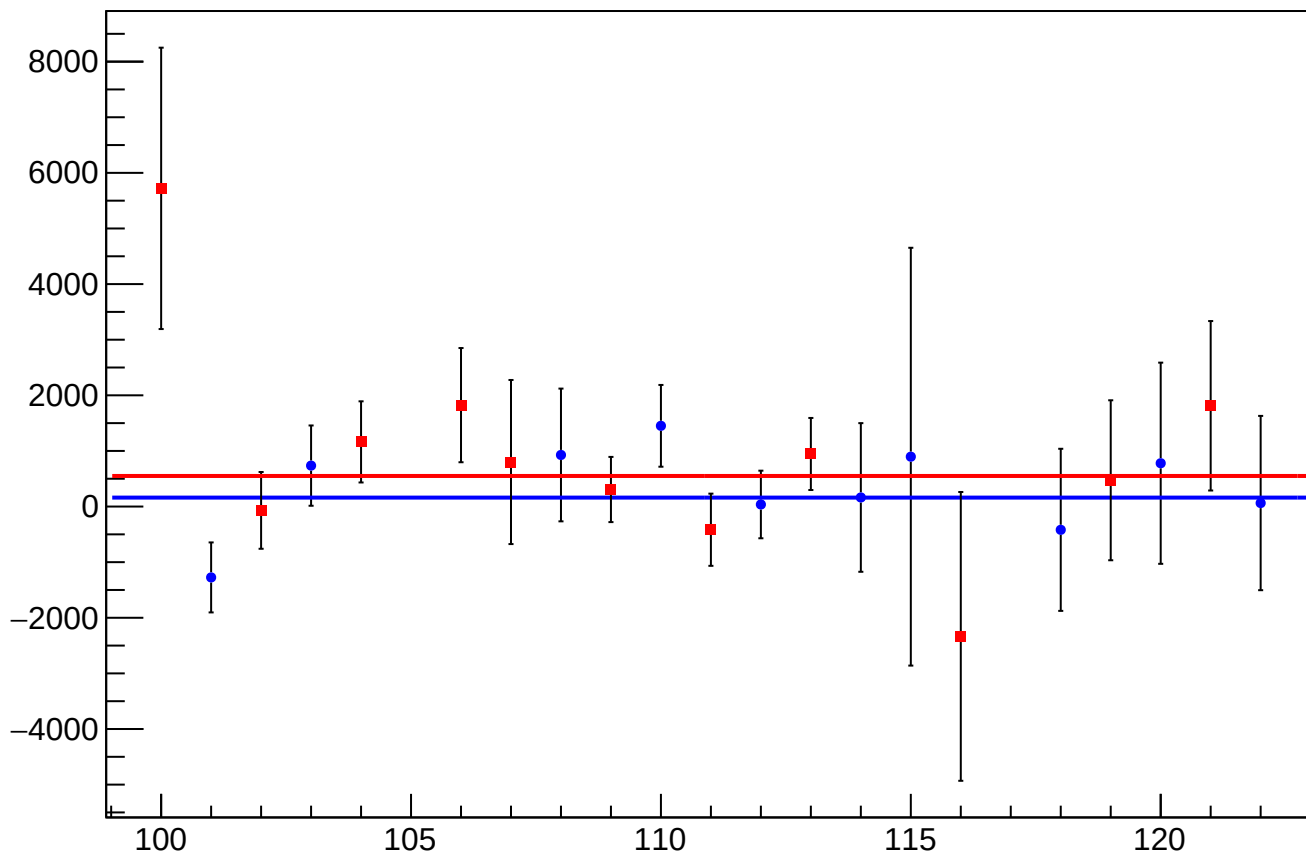
Right: 79.438+/-0.020 χ^2/NDF : 1043434.5/20

In: 81.742+/-0.030 χ^2/NDF : 492155.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.438+/-0.020 χ^2/NDF : 1043434.5/20

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 160.939 $\pm$ 294.632 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 549.856 $\pm$ 264.698 χ^2 /NDF: 11.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

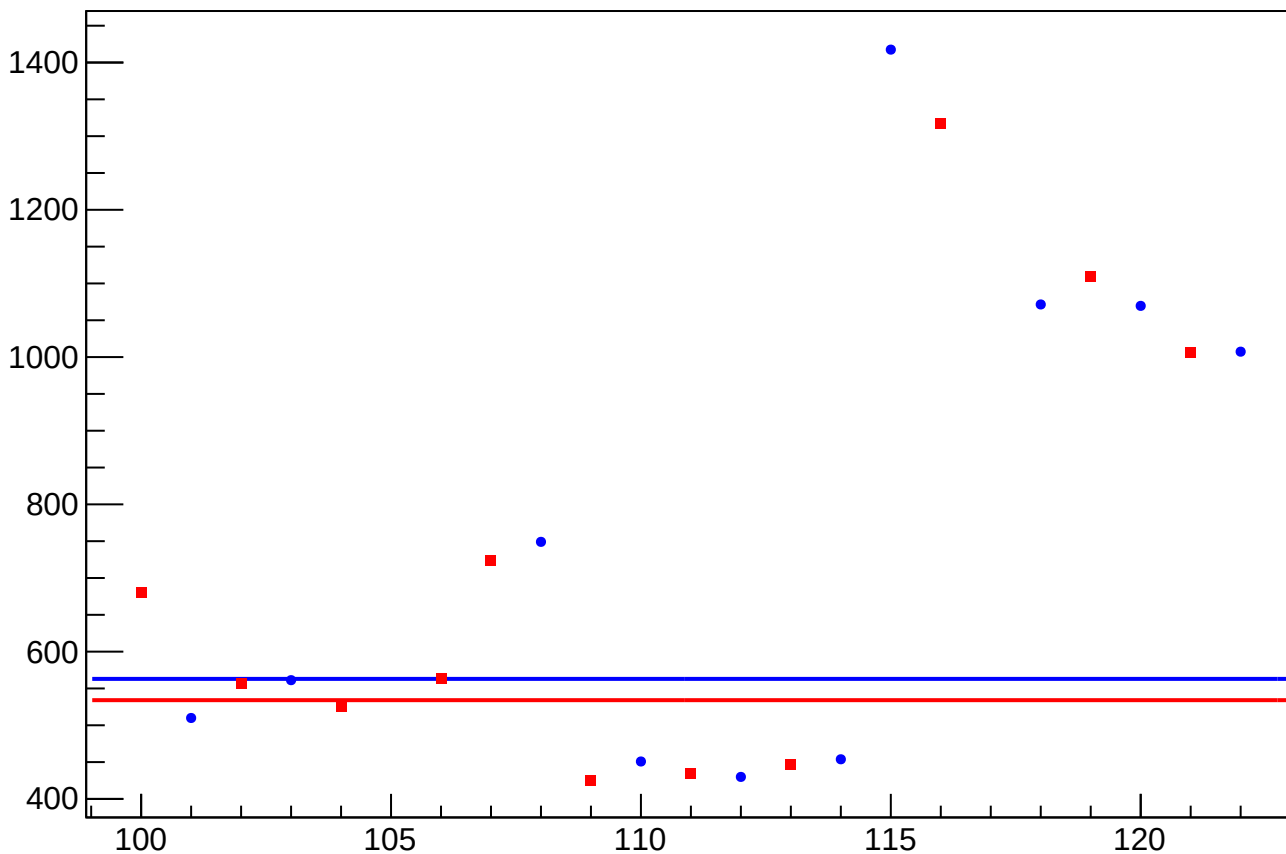
Right: 376.152 $\pm$ 196.905 χ^2 /NDF: 22.6/20

In: 160.939 $\pm$ 294.632 χ^2 /NDF:9.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 376.152 $\pm$ 196.905 χ^2 /NDF: 22.6/20

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: 534.100+/-0.187 χ^2/NDF : 890160.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

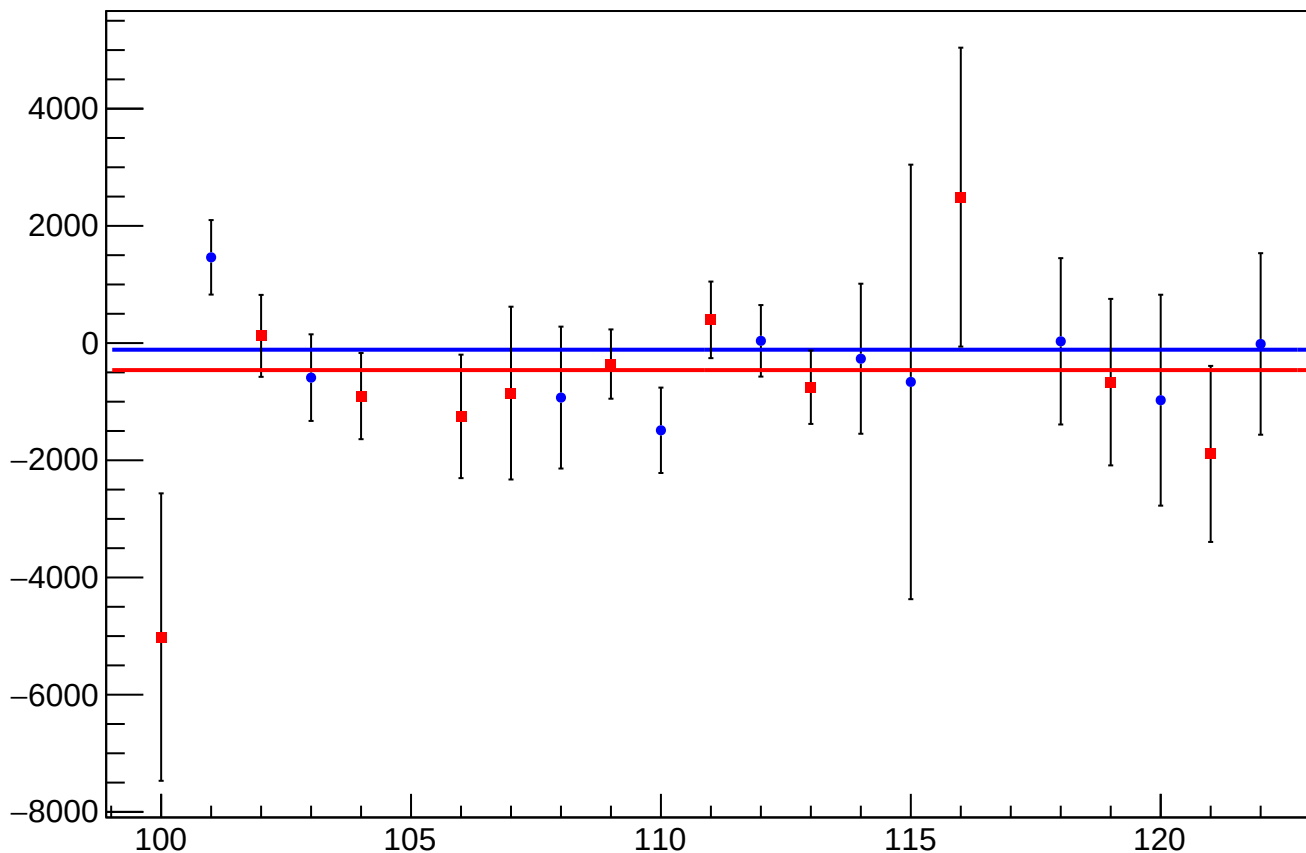
Right: 547.004+/-0.139 χ^2/NDF : 1784186.9/20

In: 562.993+/-0.208 χ^2/NDF : 883383.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.004+/-0.139 χ^2/NDF : 1784186.9/20

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: -460.901 ± 264.757 χ^2/NDF : 9.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

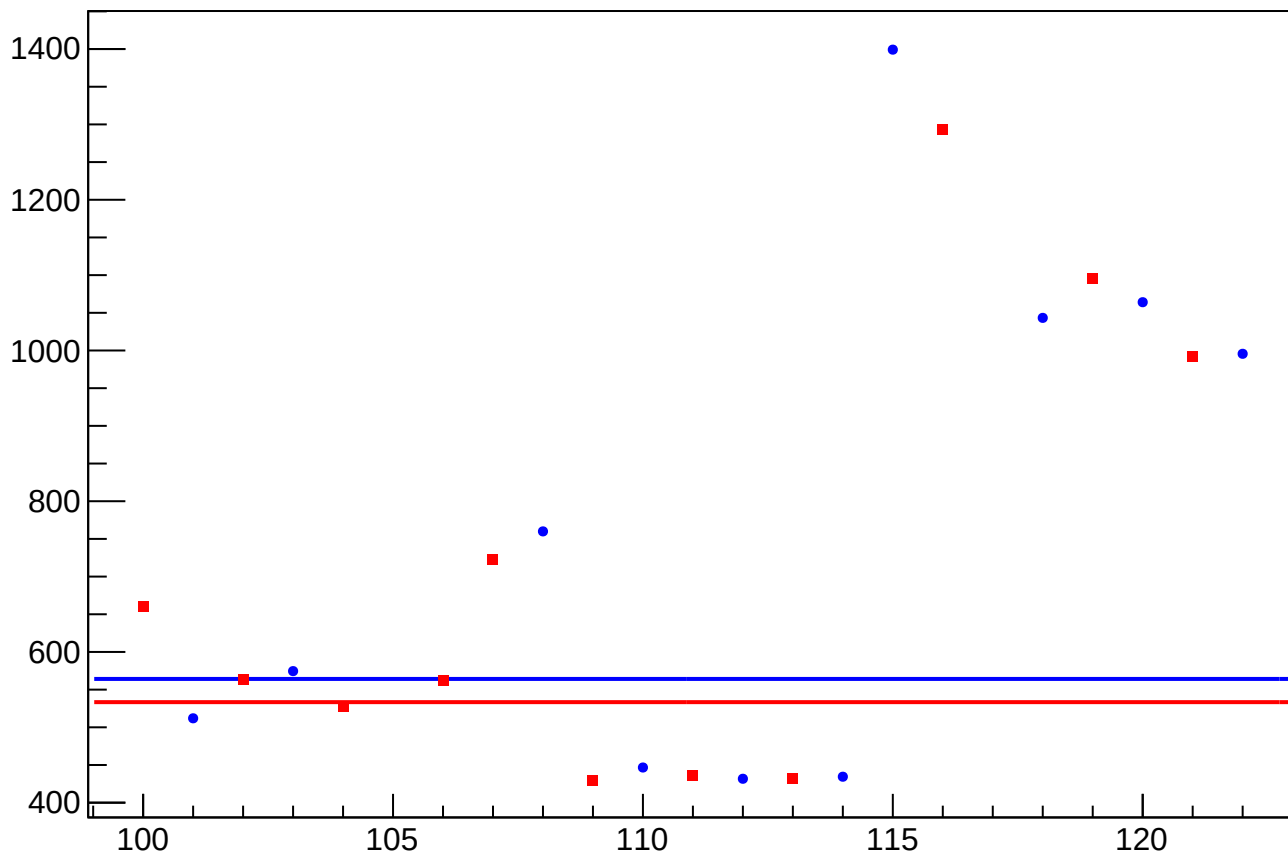
Right: -305.990 ± 197.159 χ^2/NDF : 21.1/20

In: -113.140 ± 295.404 χ^2/NDF : 10.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -305.990 ± 197.159 χ^2/NDF : 21.1/20

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: 533.394+/-0.187 χ^2/NDF : 878415.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

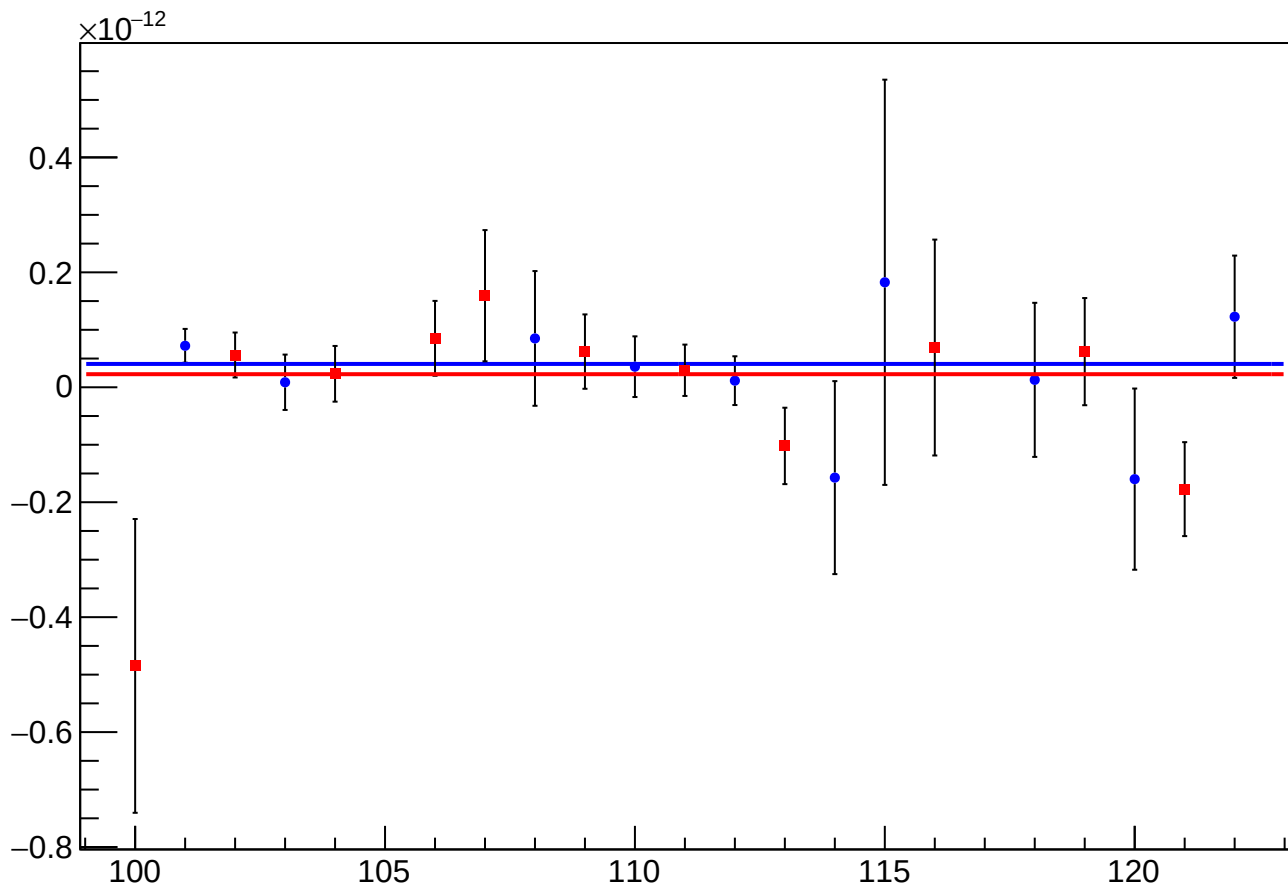
Right: 547.112+/-0.139 χ^2/NDF : 1762265.0/20

In: 564.191+/-0.209 χ^2/NDF : 871793.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.112+/-0.139 χ^2/NDF : 1762265.0/20

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 : 17.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

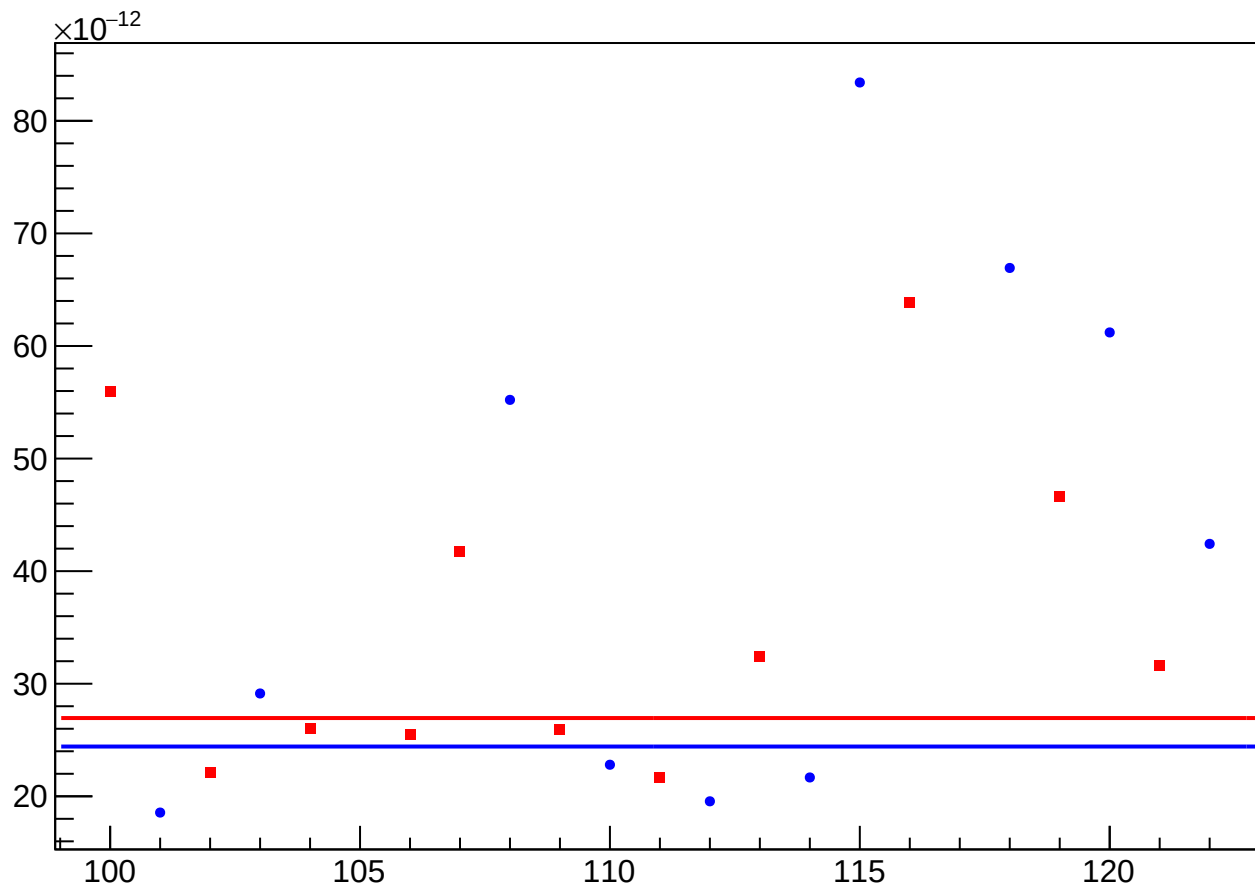
Right: 0.000+/-0.000 χ^2/NDF : 23.6/20

In: 0.000+/-0.000 χ^2/NDF : 6.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.6/20

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 : 306785.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

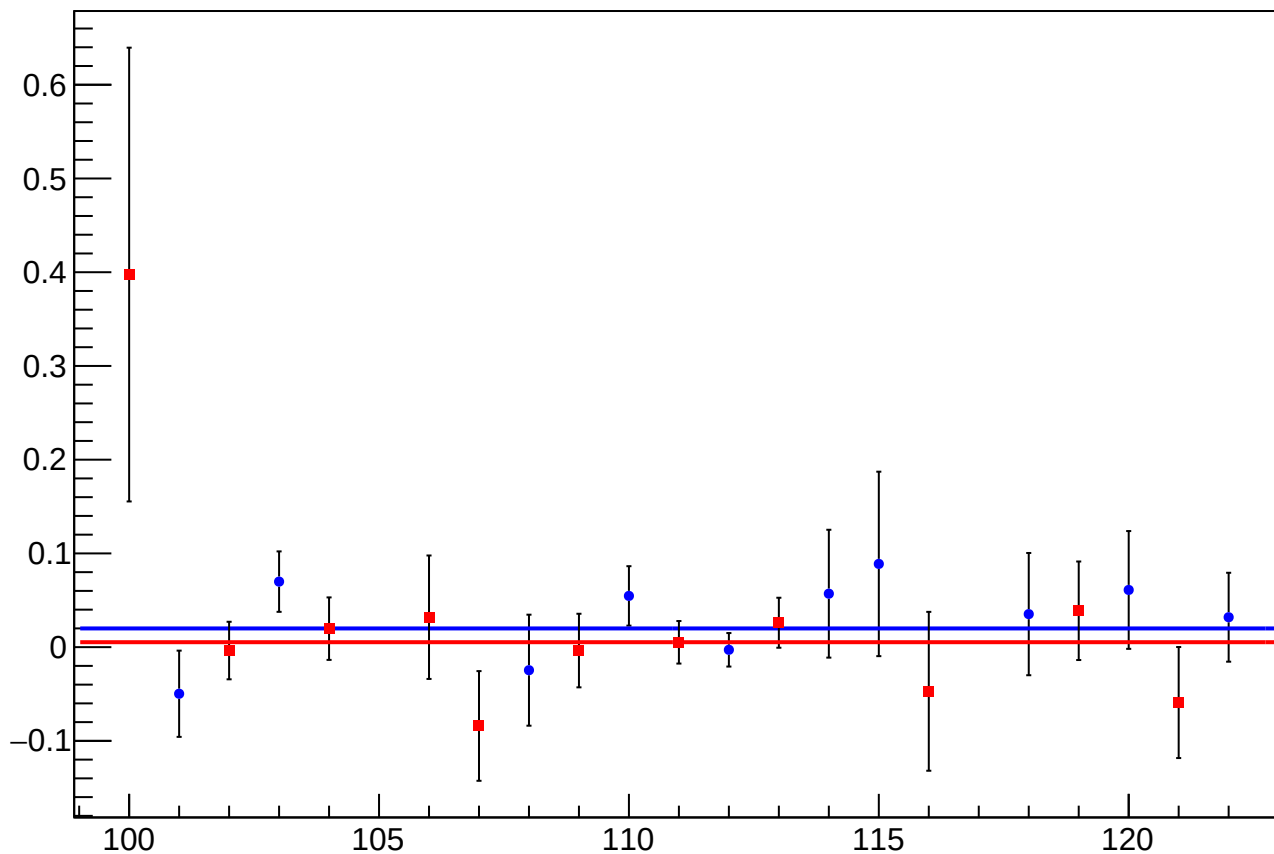
Right: 0.000+/-0.000 χ^2/NDF : 1013249.8/20

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 : 1013249.8/20

asym_sam_1548_avg_dit_vs_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: 0.005+/-0.012 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

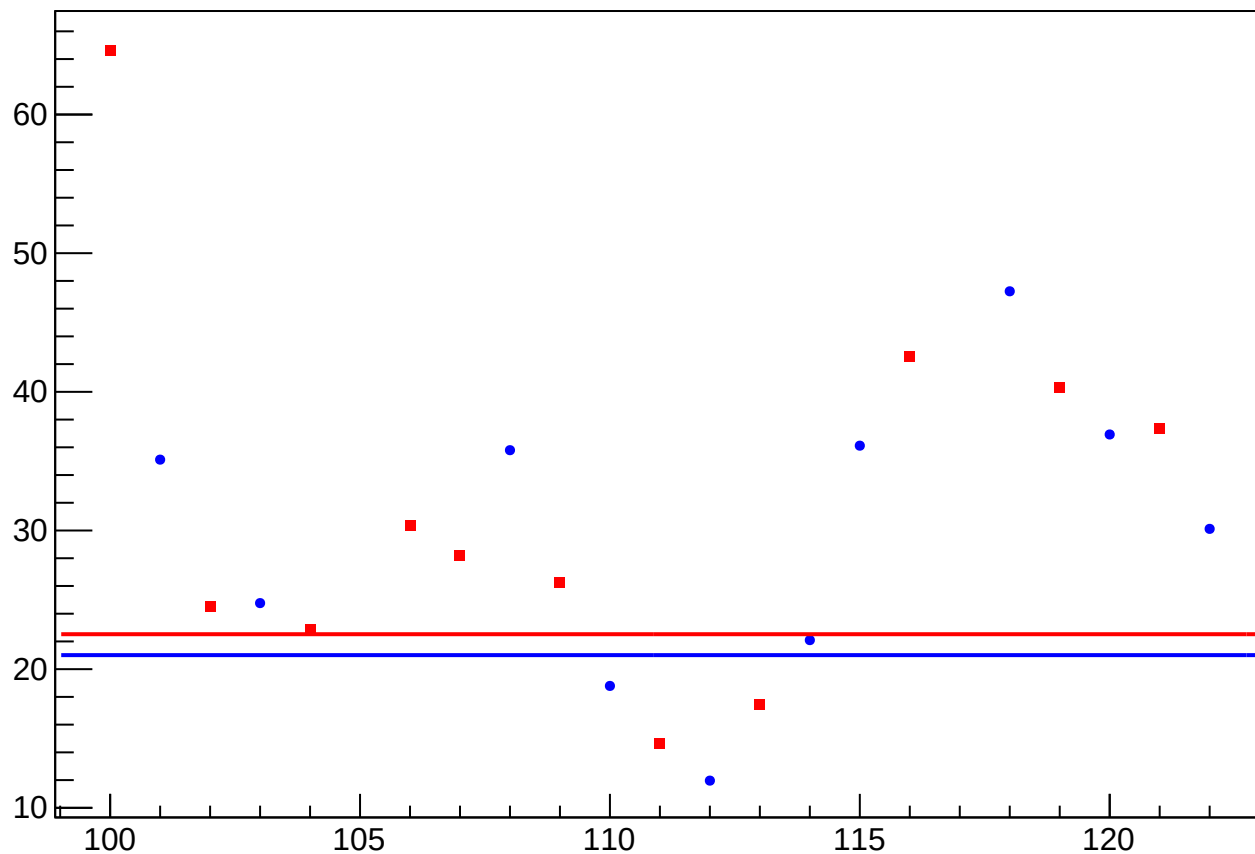
Right: 0.013+/-0.008 χ^2/NDF : 18.2/20

In: 0.020+/-0.012 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 18.2/20

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: 22.521+/-0.008 χ^2/NDF : 915779.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

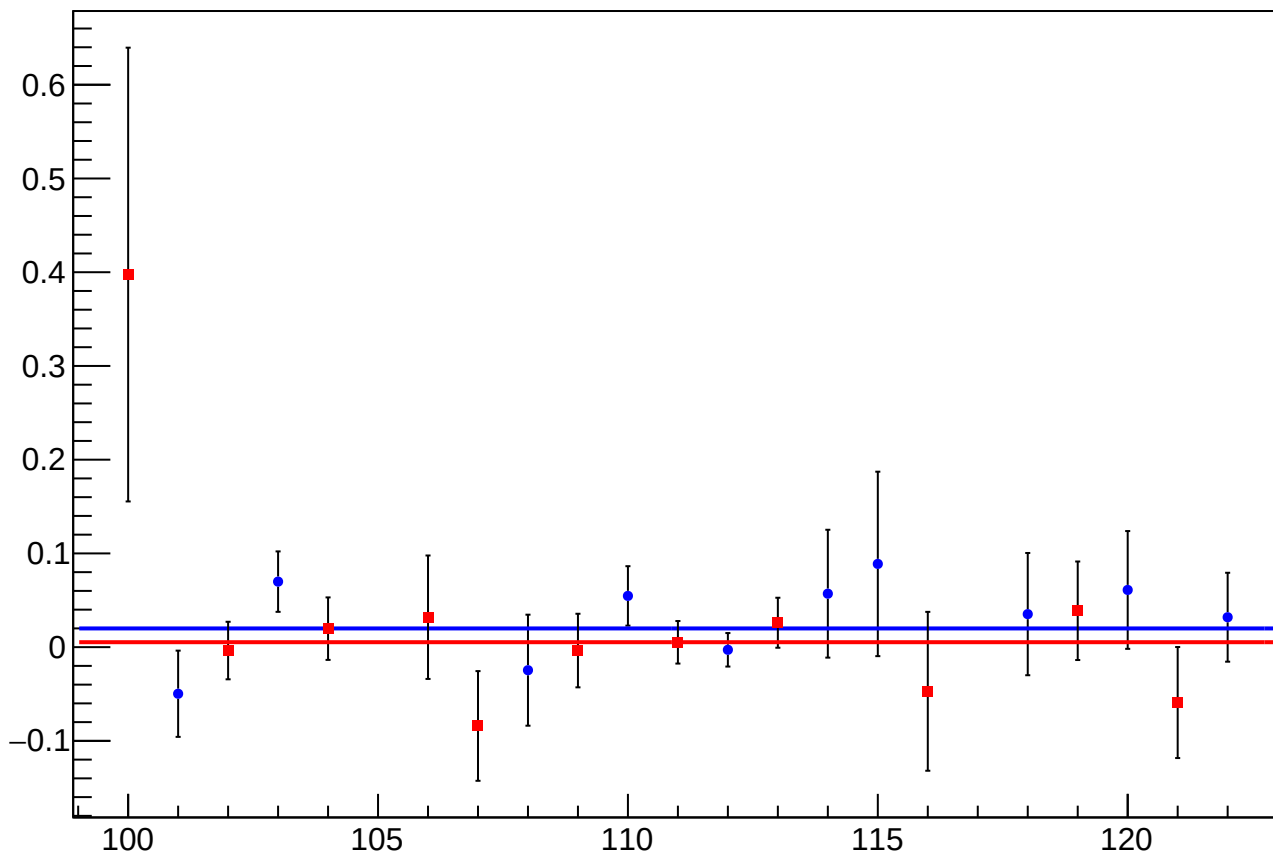
Right: 21.777+/-0.006 χ^2/NDF : 2367479.2/20

In: 21.013+/-0.008 χ^2/NDF : 1435339.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.777+/-0.006 χ^2/NDF : 2367479.2/20

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: 0.005+/-0.012 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

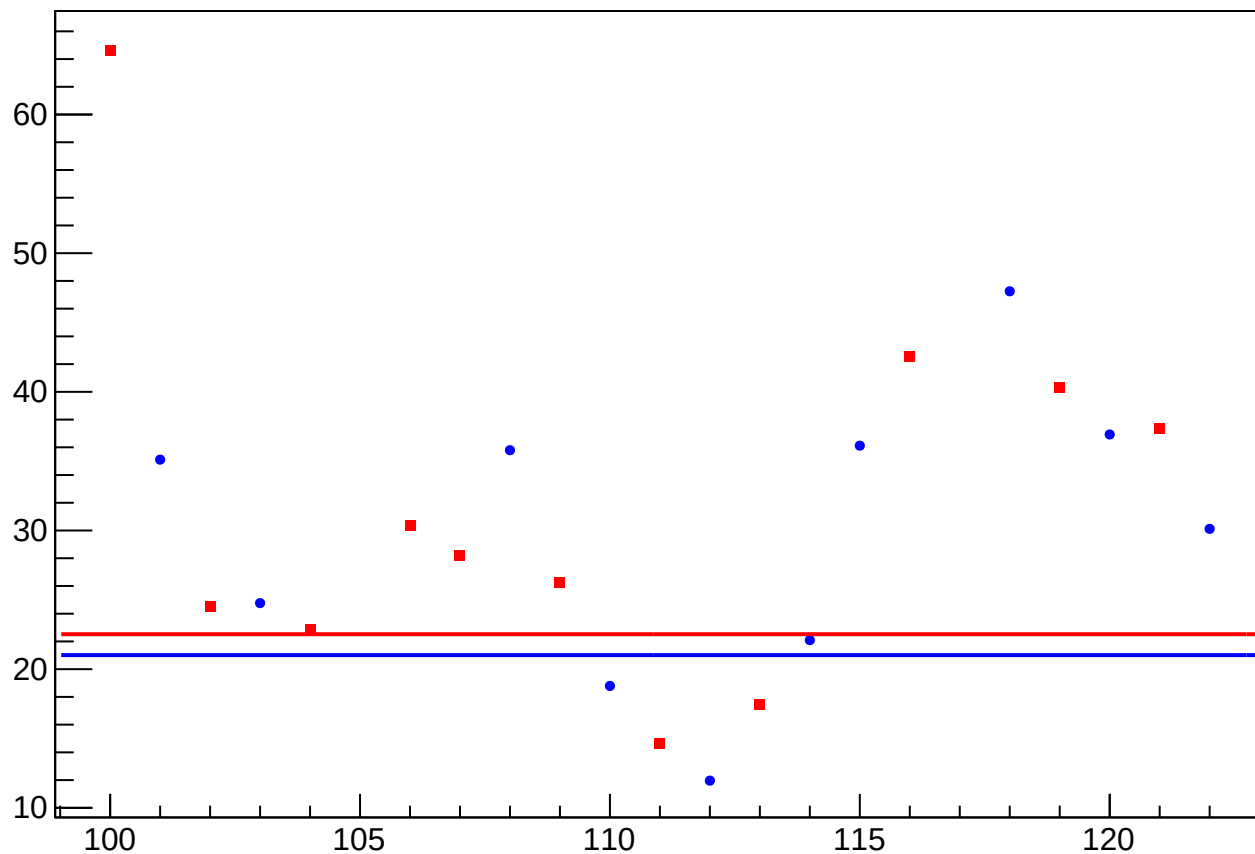
Right: 0.013+/-0.008 χ^2/NDF : 18.2/20

In: 0.020+/-0.012 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 18.2/20

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: 22.521+/-0.008 χ^2/NDF : 915779.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

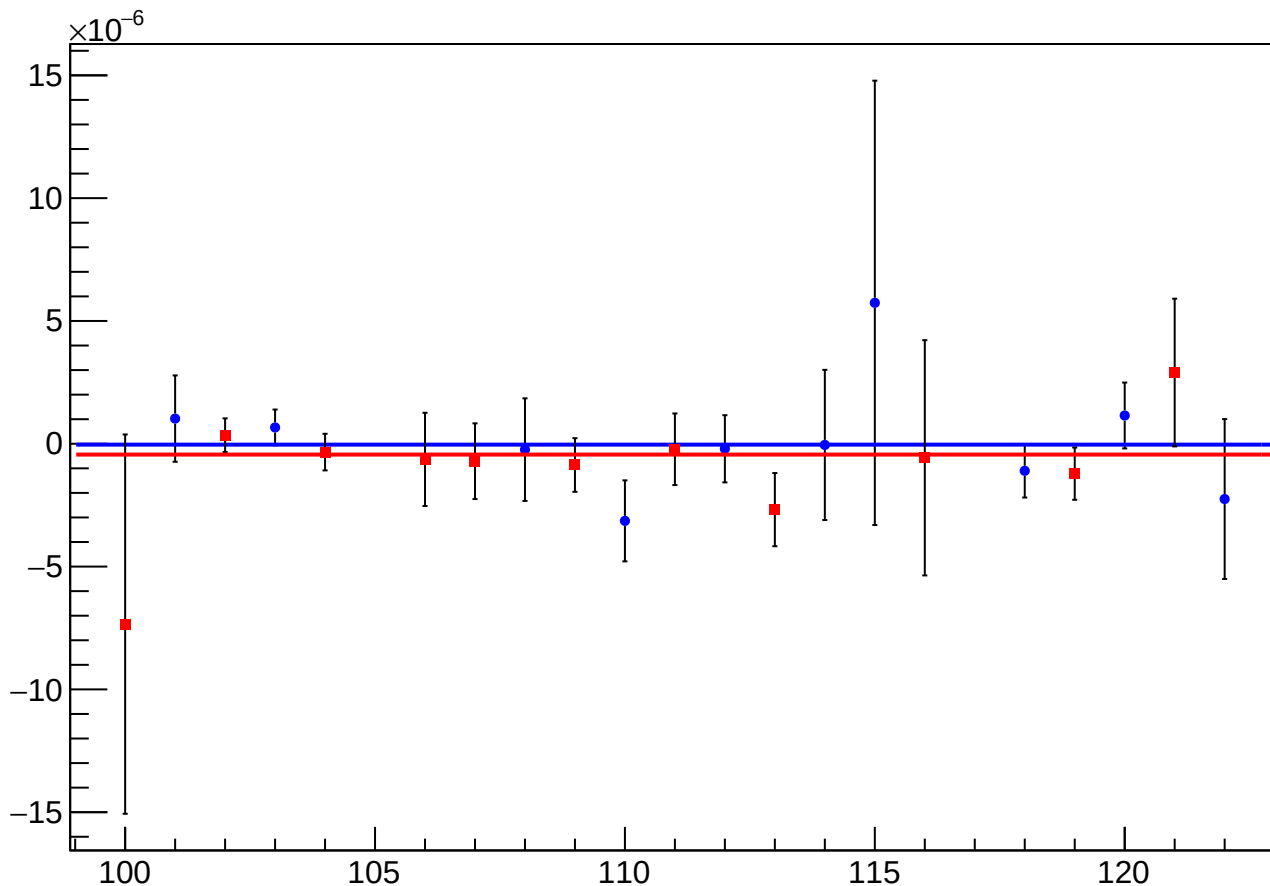
Right: 21.777+/-0.006 χ^2/NDF : 2367479.2/20

In: 21.013+/-0.008 χ^2/NDF : 1435339.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.777+/-0.006 χ^2/NDF : 2367479.2/20

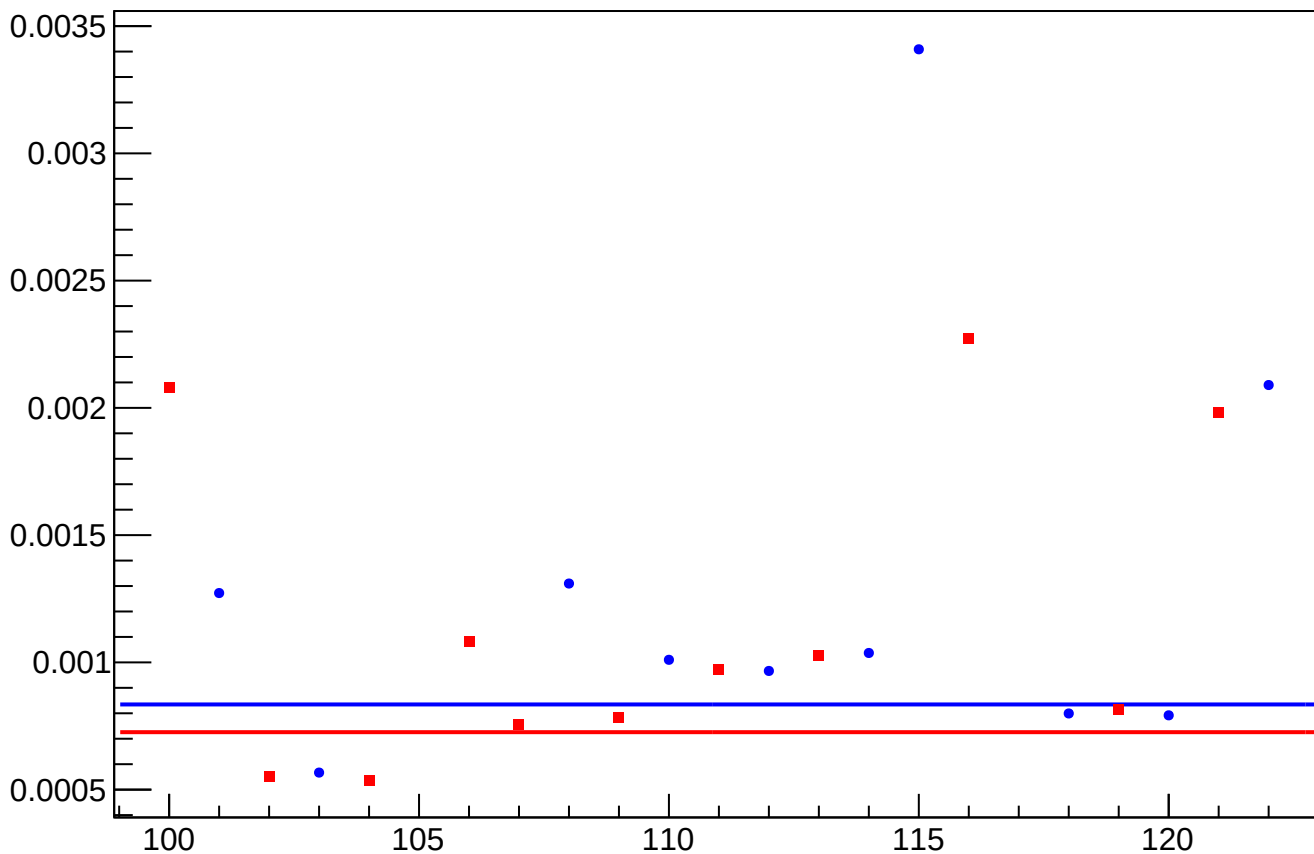
asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 6.4/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 14.3/20
 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 : 14.3/20

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 : 1110678.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

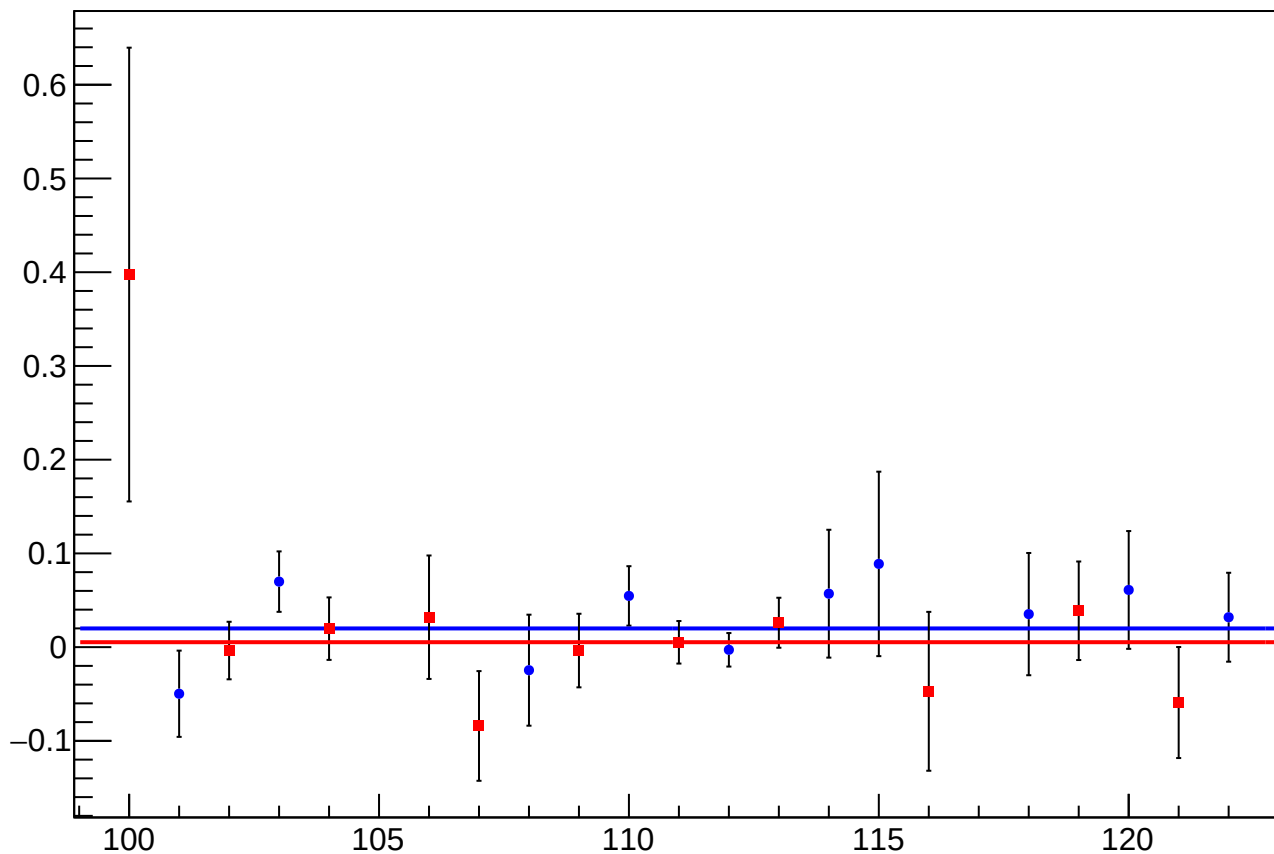
Right: 0.001+/-0.000 χ^2/NDF : 2191944.9/20

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 : 2191944.9/20

asym_sam_1548_avg_eigen_dit_vs_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: 0.005+/-0.012 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

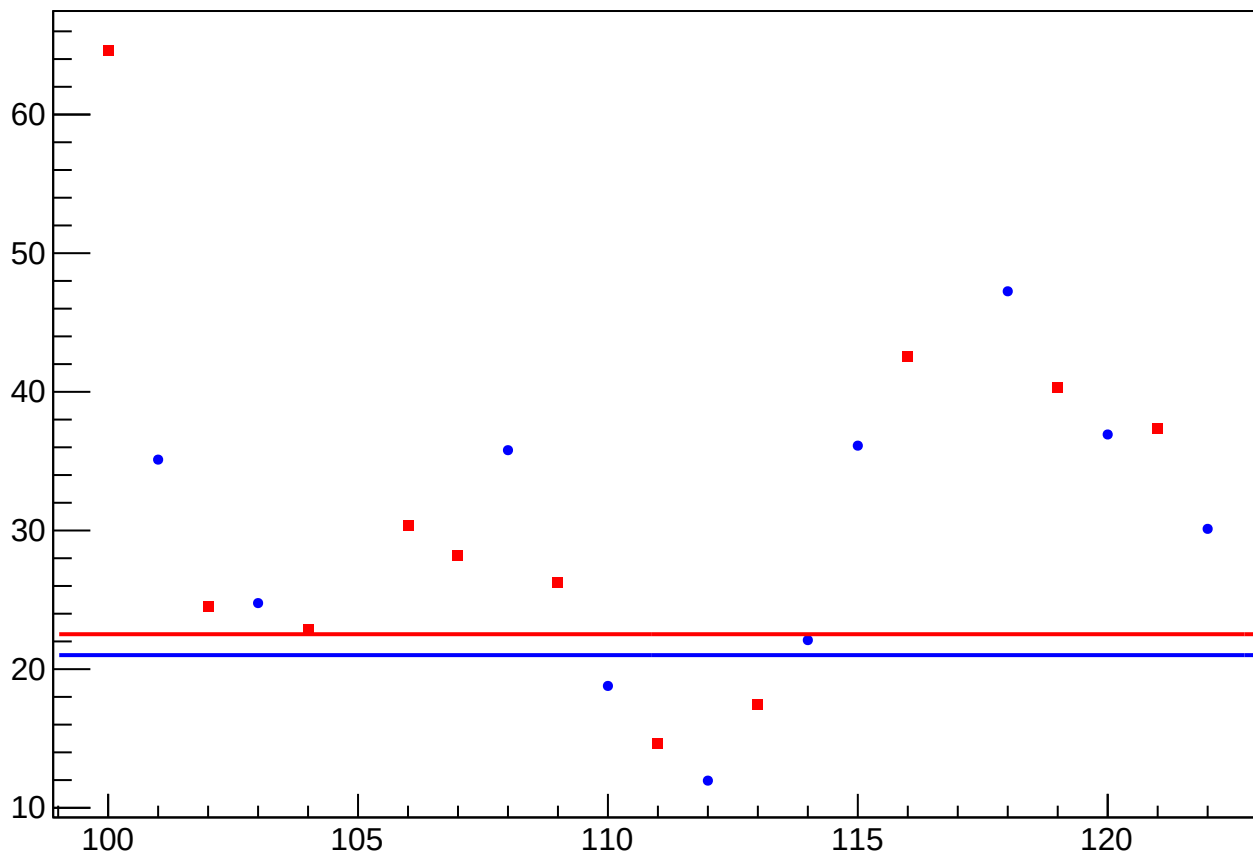
Right: 0.013+/-0.008 χ^2/NDF : 18.2/20

In: 0.020+/-0.012 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 18.2/20

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: 22.521+/-0.008 χ^2/NDF : 915868.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

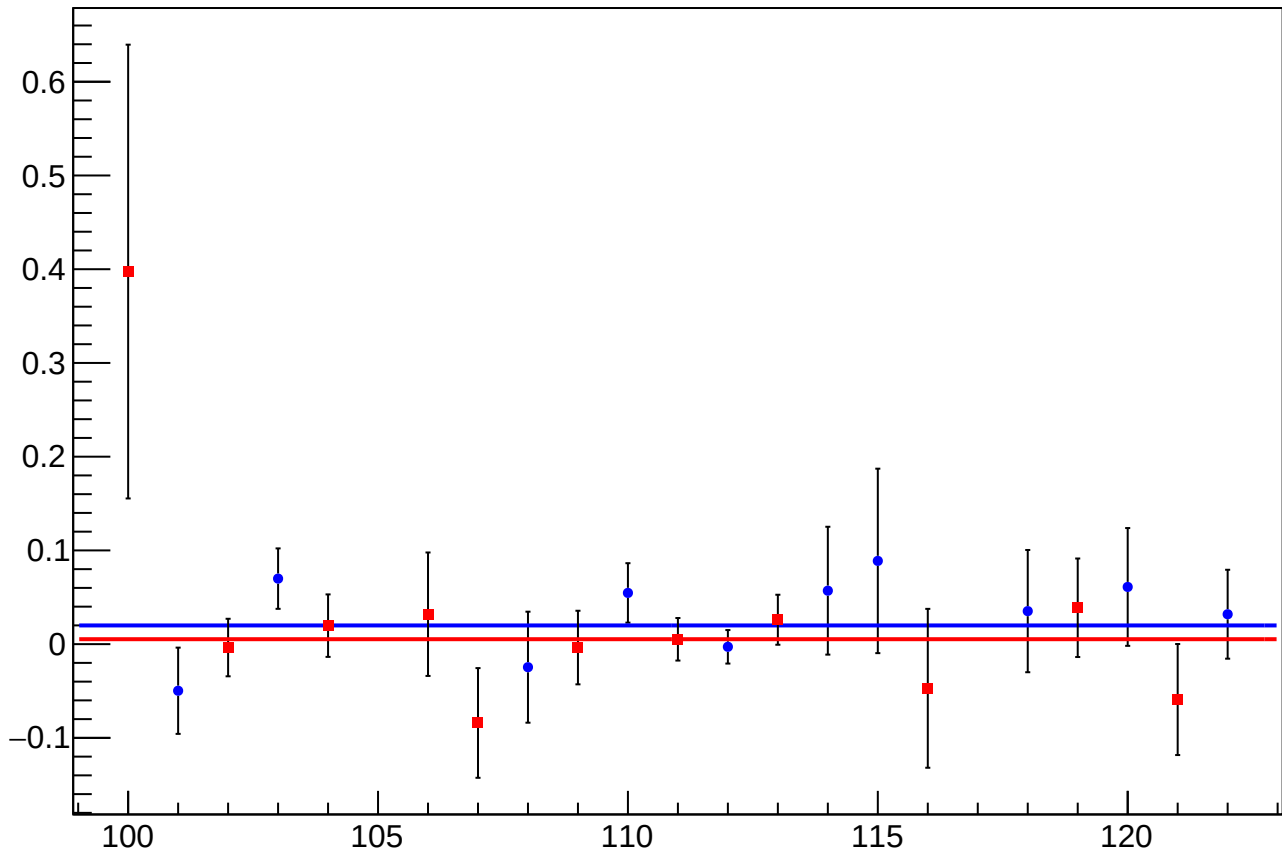
Right: 21.776+/-0.006 χ^2/NDF : 2367688.1/20

In: 21.012+/-0.008 χ^2/NDF : 1435455.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.776+/-0.006 χ^2/NDF : 2367688.1/20

asym_sam_1548_avg_eigen_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: 0.005+/-0.012 χ^2/NDF : 8.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

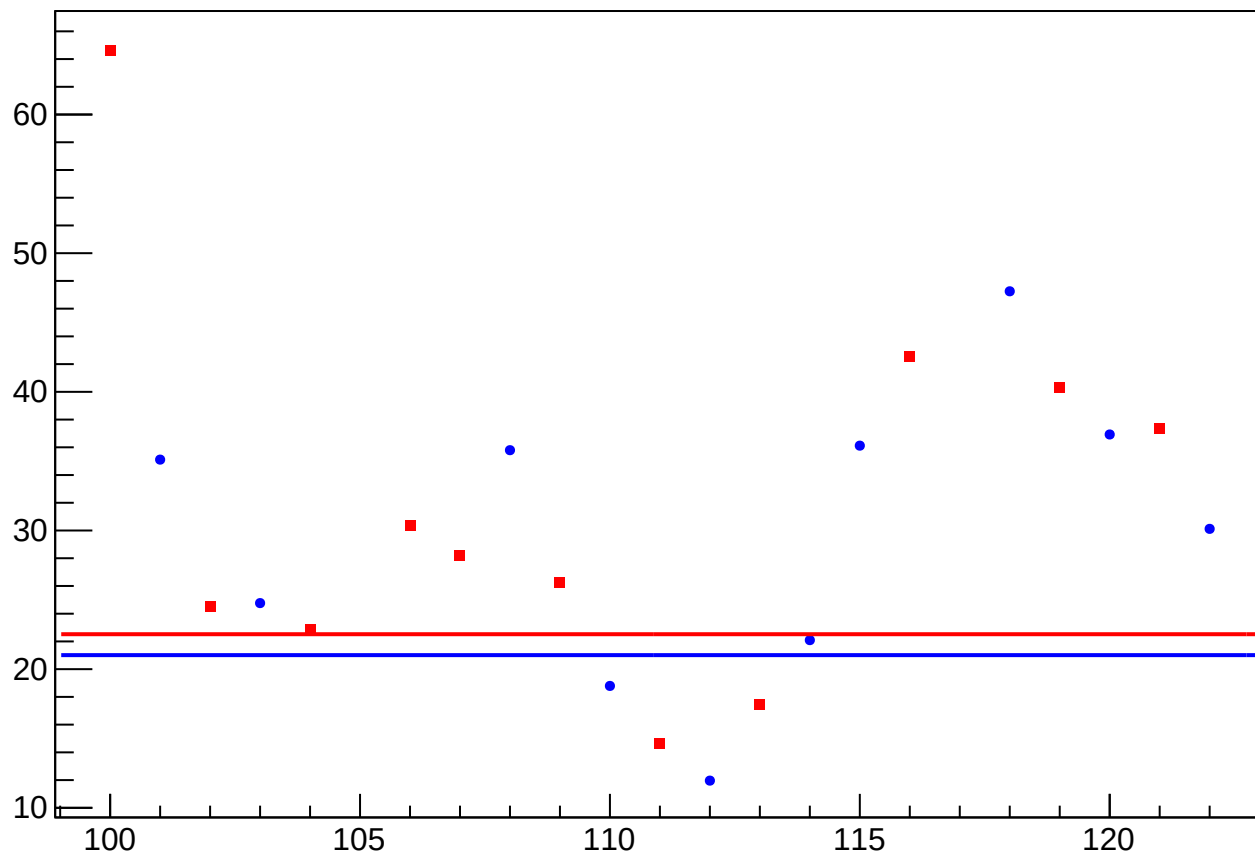
Right: 0.013+/-0.008 χ^2/NDF : 18.2/20

In: 0.020+/-0.012 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 18.2/20

asym_sam_1548_avg_eigen_dit_vs_eigen_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: 22.521+/-0.008 χ^2/NDF : 915868.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

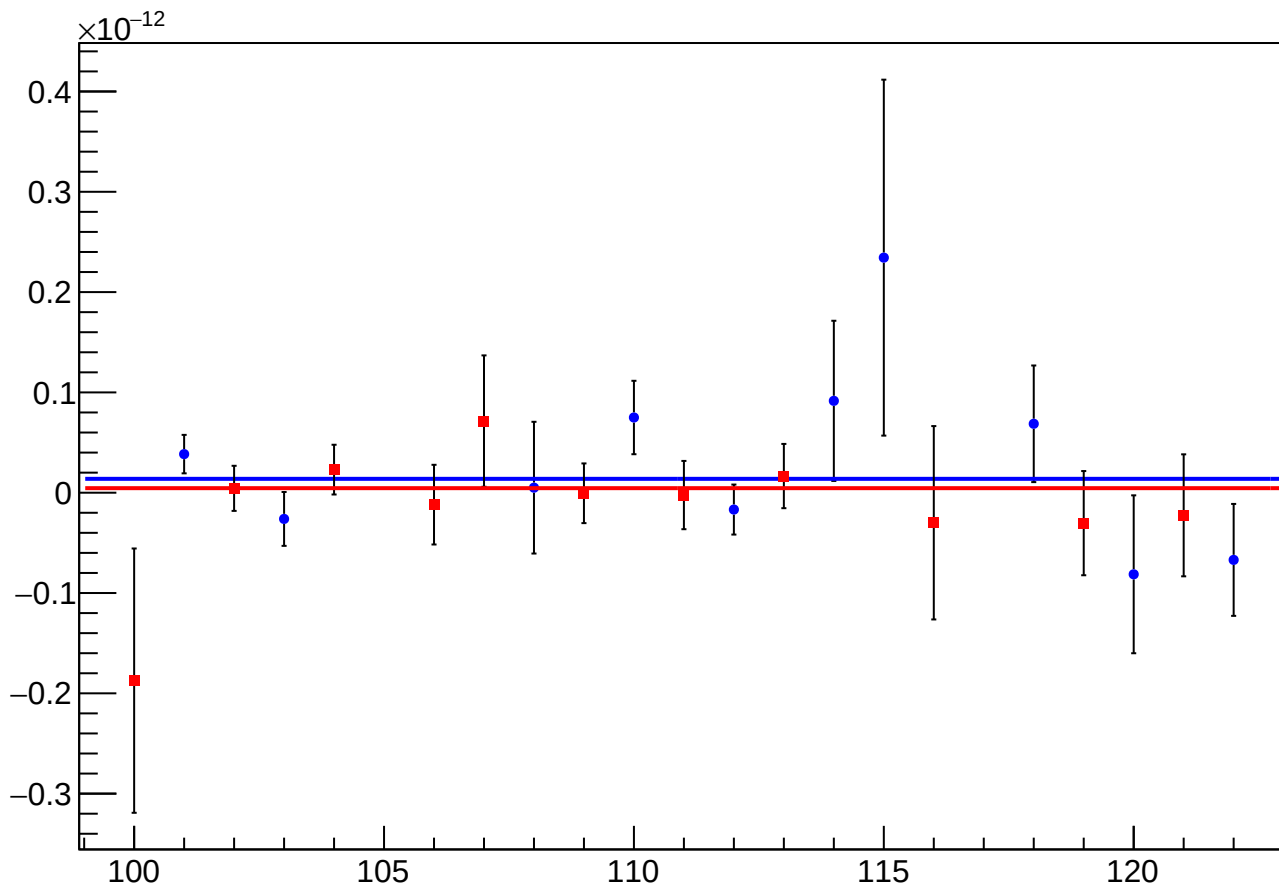
Right: 21.776+/-0.006 χ^2/NDF : 2367688.1/20

In: 21.012+/-0.008 χ^2/NDF : 1435455.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.776+/-0.006 χ^2/NDF : 2367688.1/20

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 : 4.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

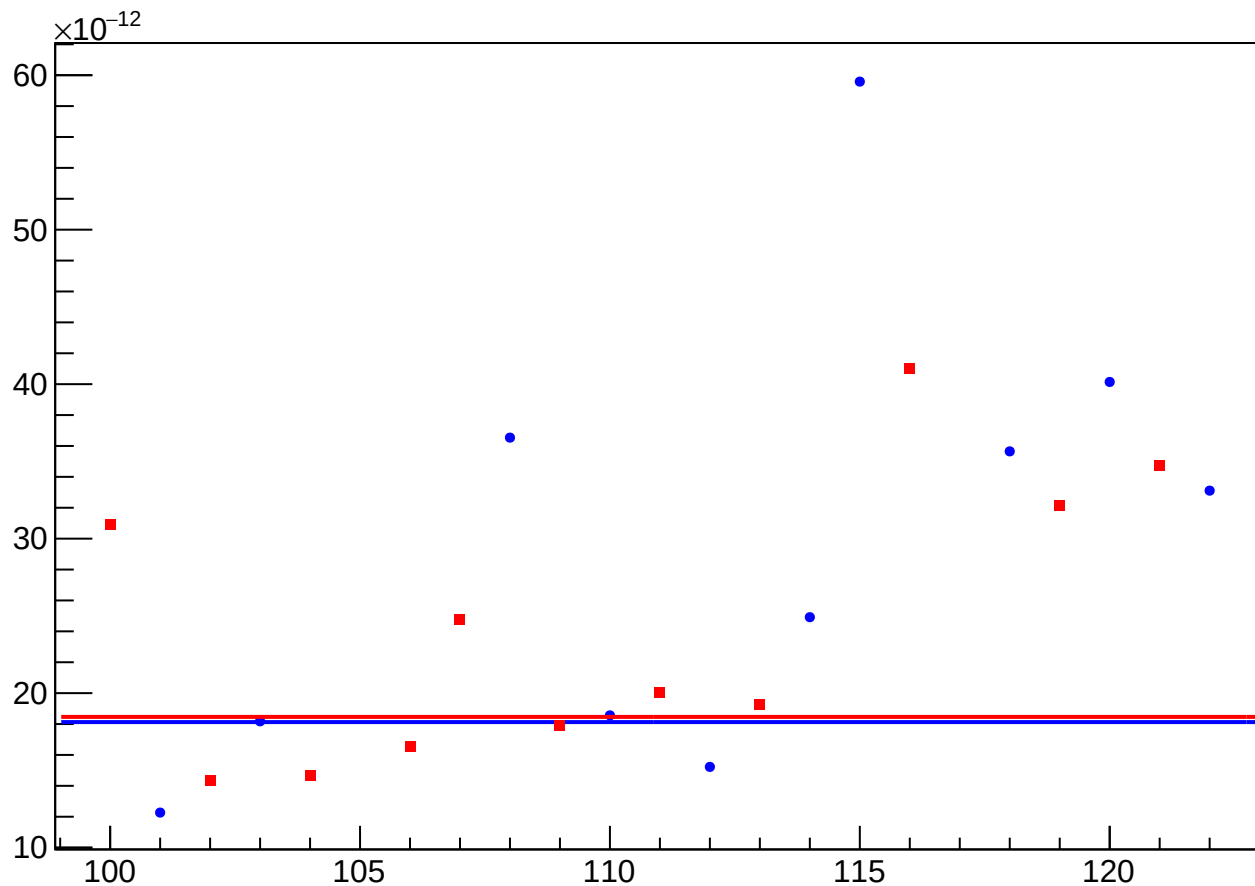
Right: 0.000+/-0.000 χ^2/NDF : 20.4/20

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 : 20.4/20

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 : 555021.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

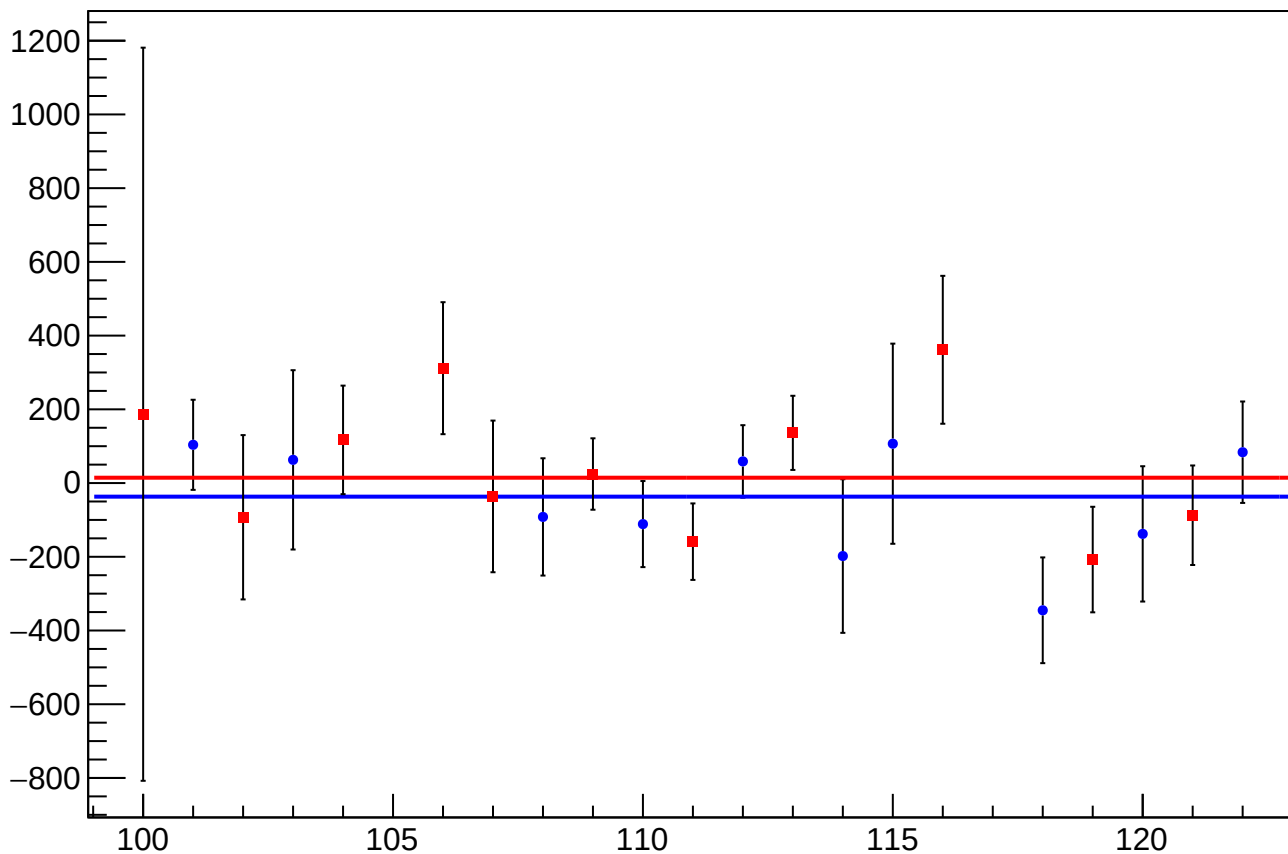
Right: 0.000+/-0.000 χ^2/NDF : 1533308.4/20

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 : 1533308.4/20

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: 14.505 ± 42.681 χ^2/NDF : 13.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

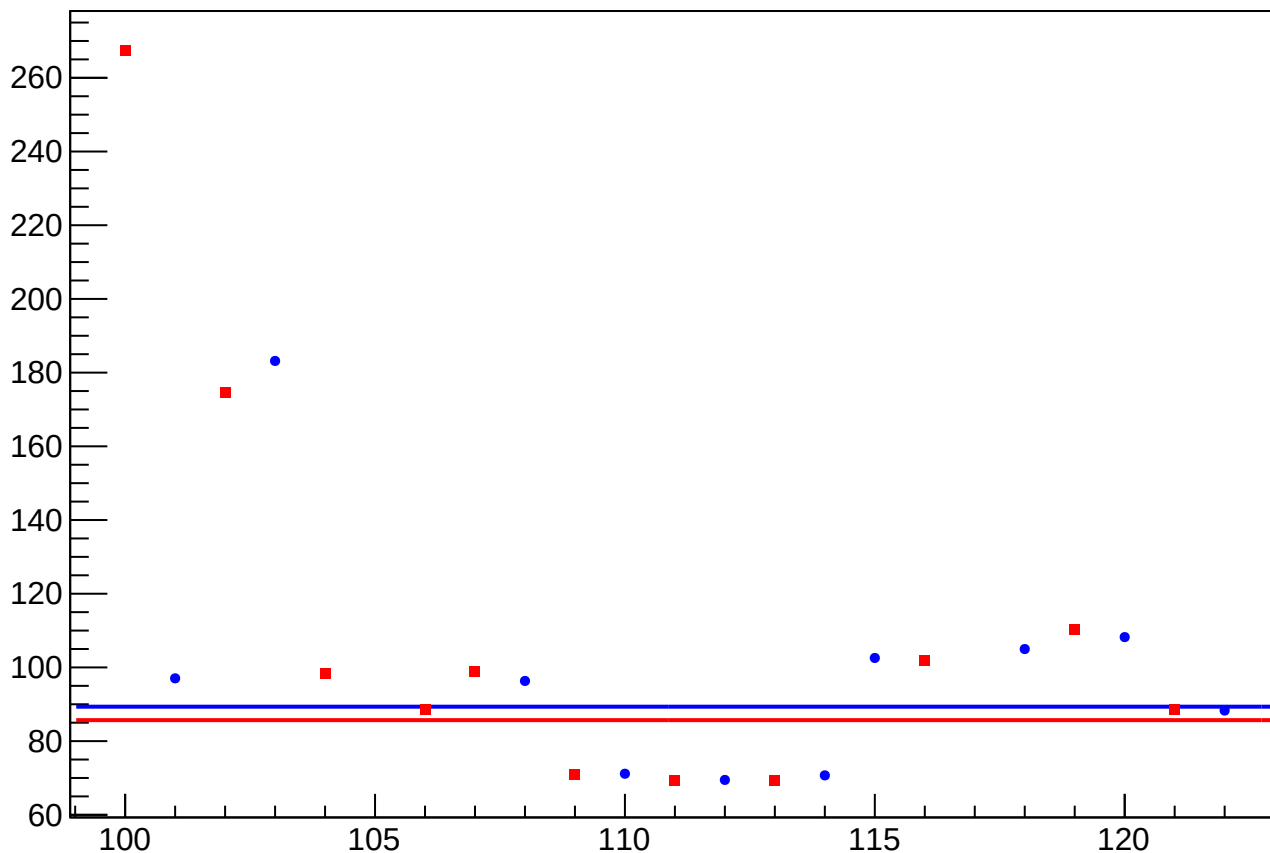
Right: -9.139 ± 31.357 χ^2/NDF : 24.0/20

In: -36.870 ± 46.223 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.139 ± 31.357 χ^2/NDF : 24.0/20

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.345+/-0.033 χ^2/NDF : 505611.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.694+/-0.030 χ^2/NDF : 631433.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

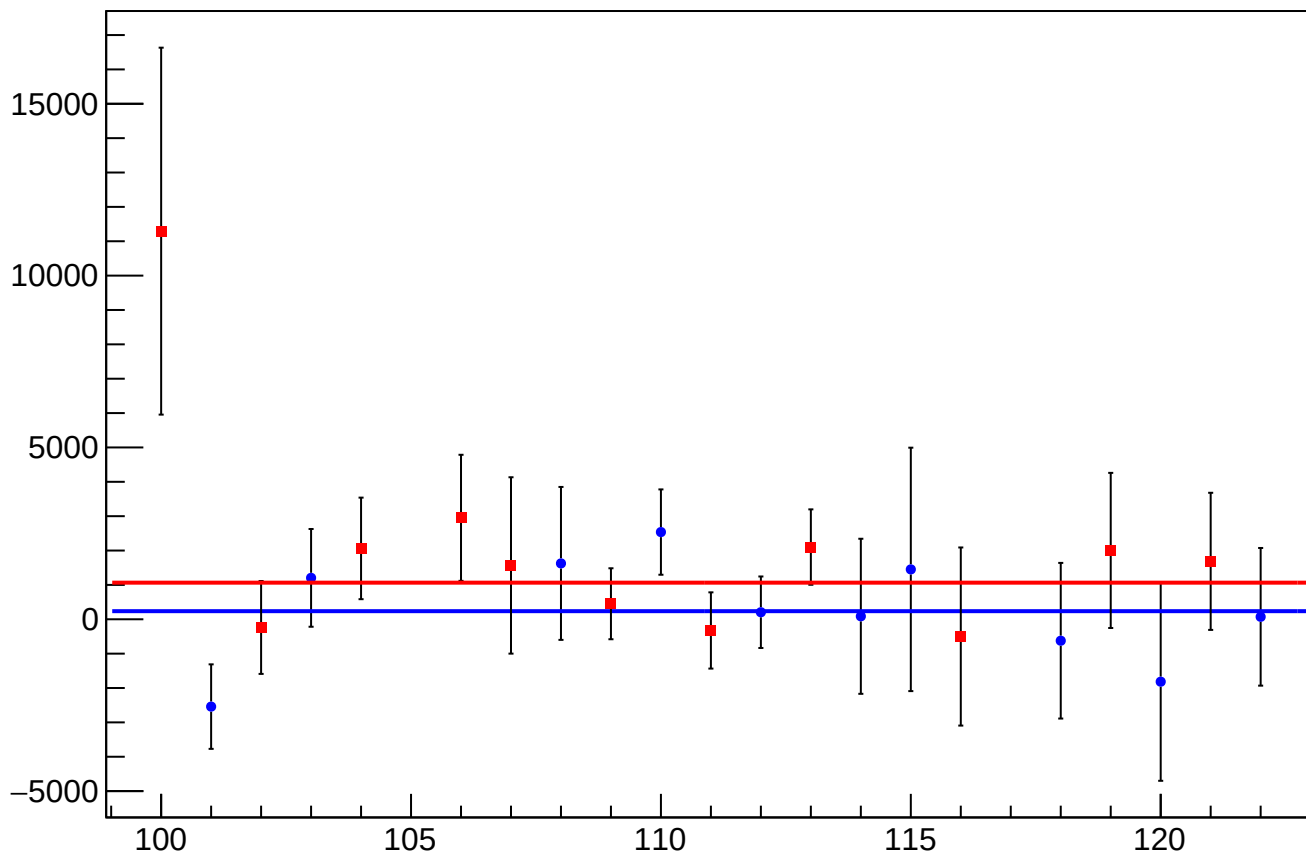
Right: 87.374+/-0.022 χ^2/NDF : 1143781.8/20

In: 89.345+/-0.033 χ^2/NDF : 505611.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.374+/-0.022 χ^2/NDF : 1143781.8/20

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 235.835 $\pm$ 514.930 χ^2 /NDF: 10.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1065.364 $\pm$ 462.838 χ^2 /NDF: 9.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

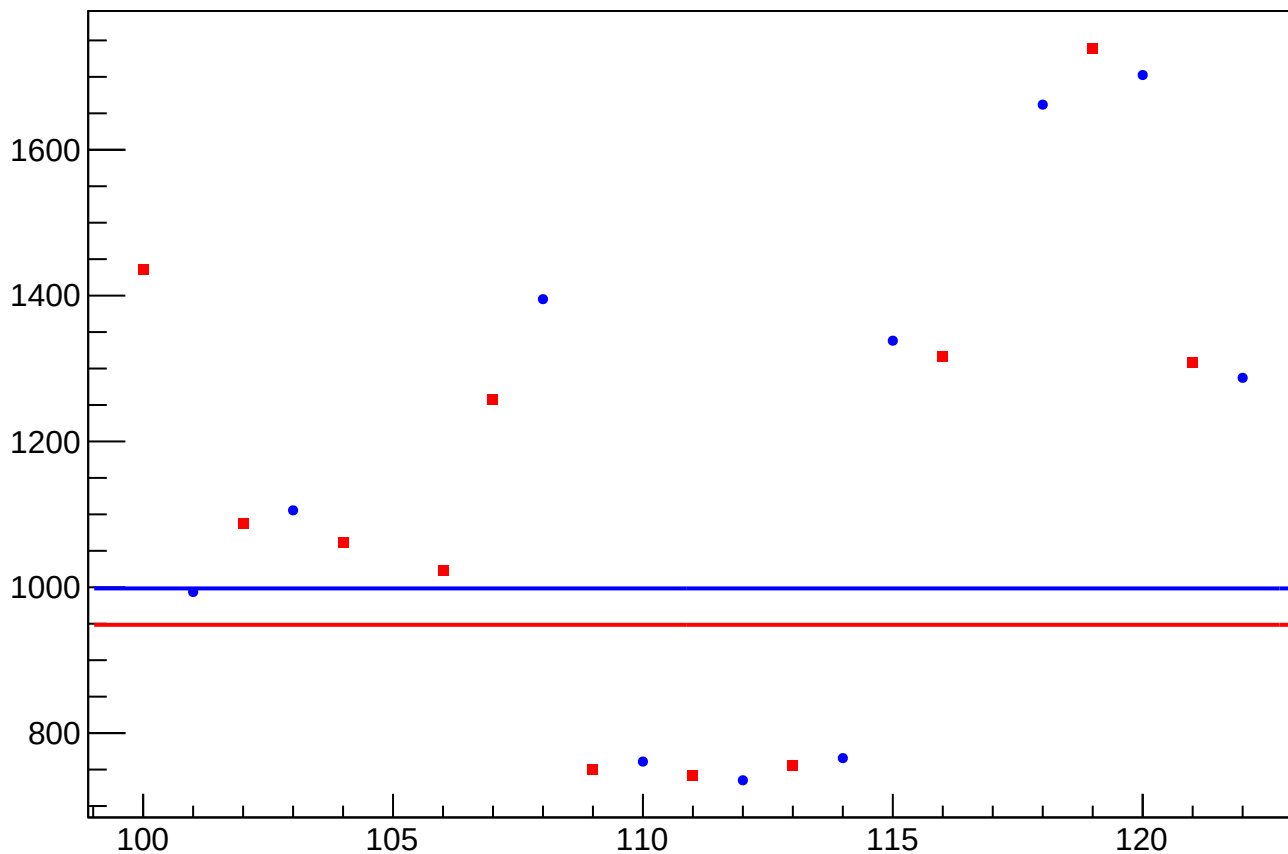
Right: 694.669 $\pm$ 344.224 χ^2 /NDF: 21.2/20

In: 235.835 $\pm$ 514.930 χ^2 /NDF:10.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 694.669 $\pm$ 344.224 χ^2 /NDF: 21.2/20

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: 948.525+/-0.327 χ^2/NDF : 637850.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

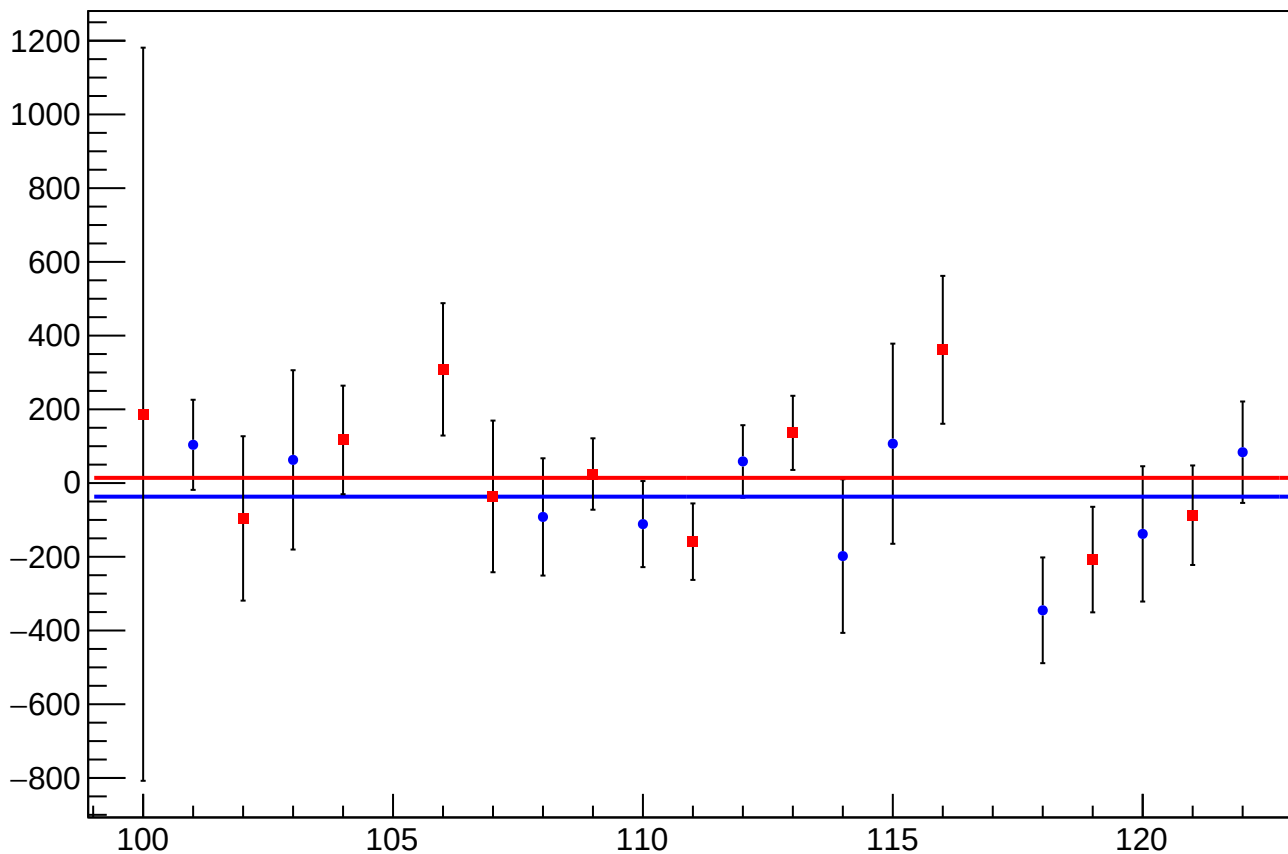
Right: 970.825+/-0.243 χ^2/NDF : 1296479.1/20

In: 998.427+/-0.364 χ^2/NDF : 648239.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.825+/-0.243 χ^2/NDF : 1296479.1/20

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: 14.106+/-42.689 χ^2/NDF : 13.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

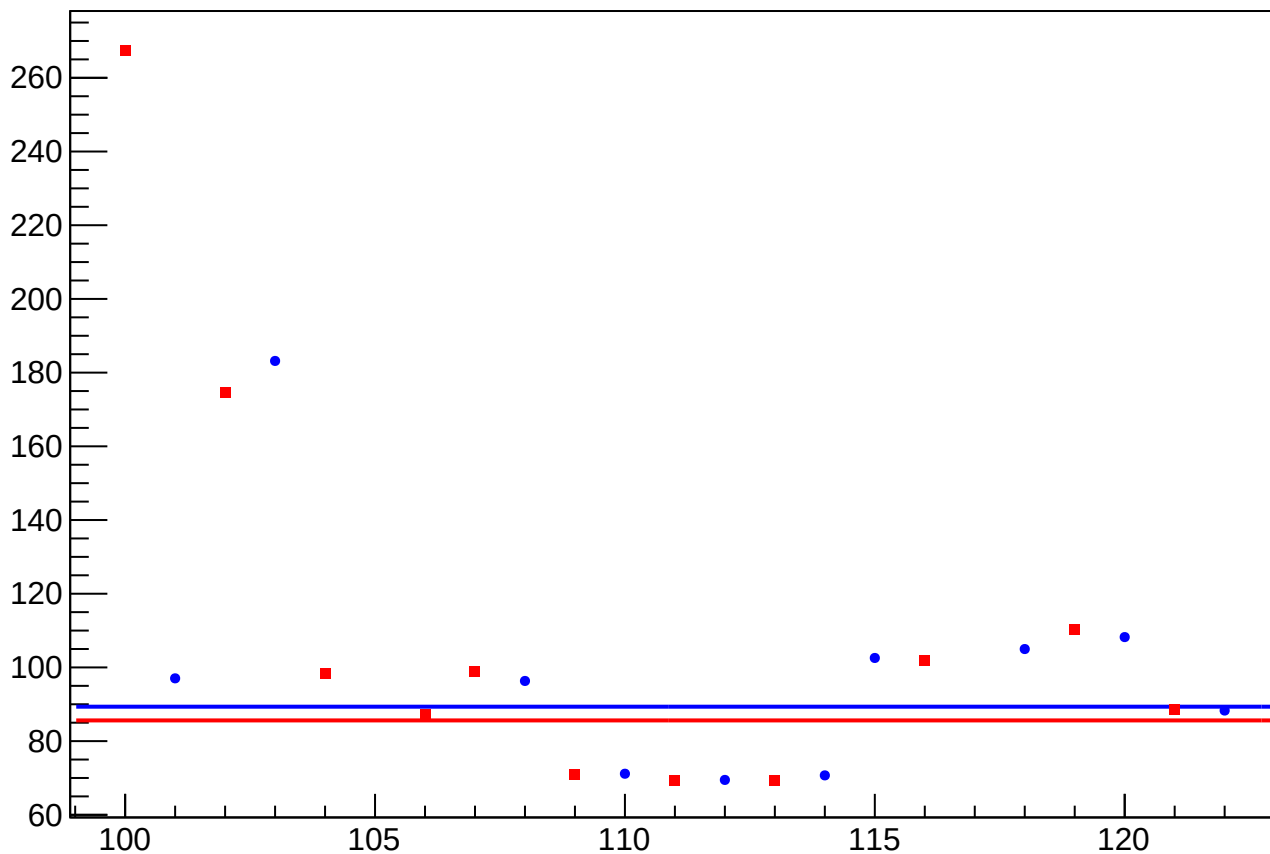
Right: -9.368+/-31.361 χ^2/NDF : 23.9/20

In: -36.889+/-46.223 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.368+/-31.361 χ^2/NDF : 23.9/20

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: 85.618+/-0.030 χ^2/NDF : 631295.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

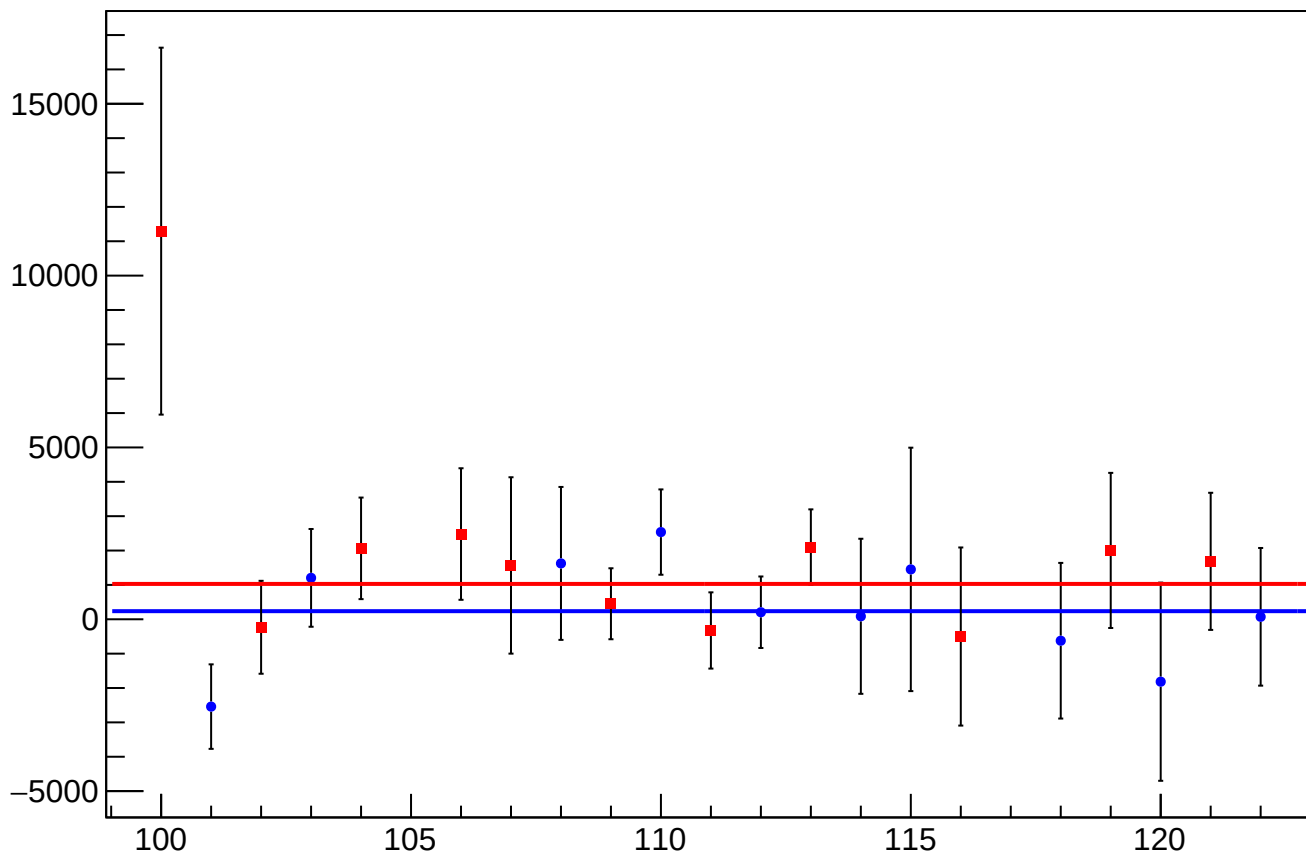
Right: 87.334+/-0.022 χ^2/NDF : 1143925.9/20

In: 89.345+/-0.033 χ^2/NDF : 505614.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.334+/-0.022 χ^2/NDF : 1143925.9/20

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: 1028.795+/-464.084 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

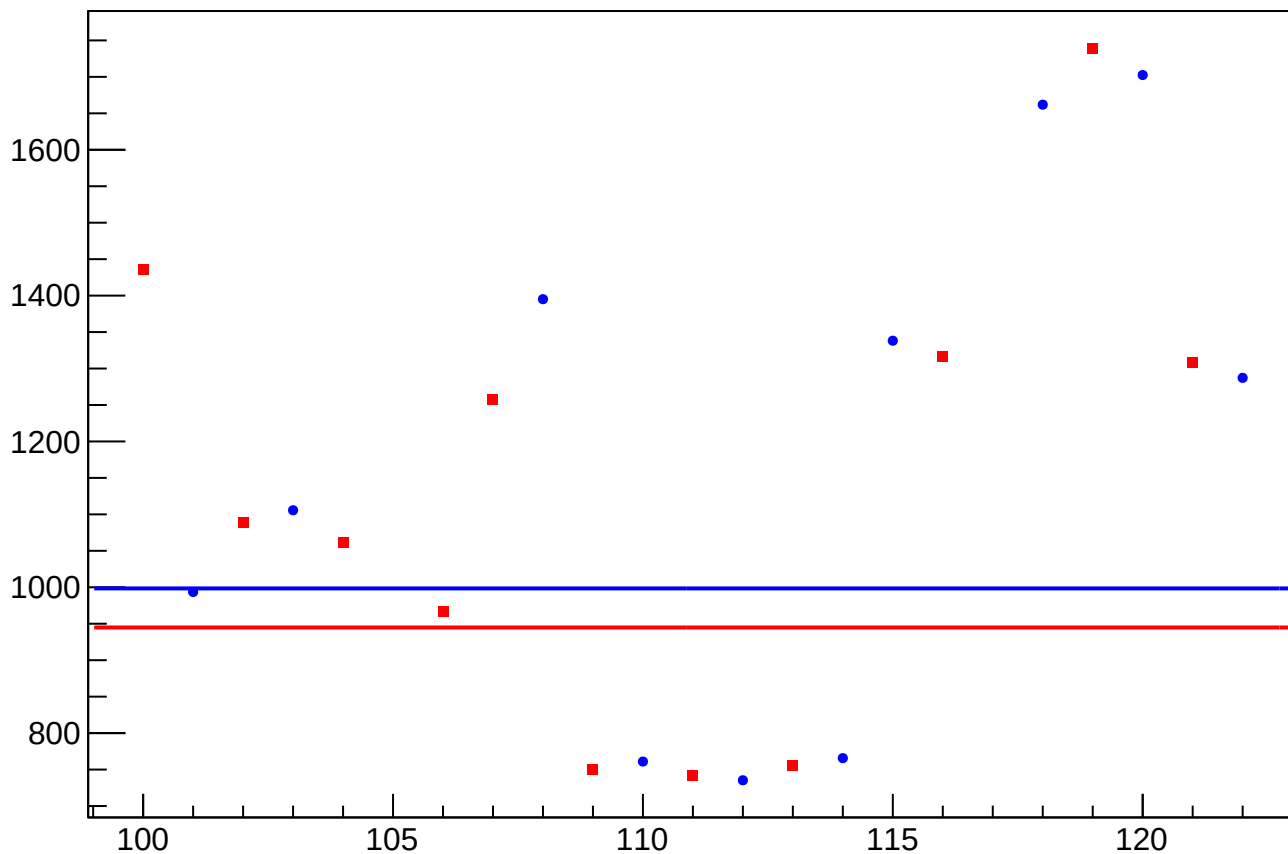
Right: 673.382+/-344.738 χ^2/NDF : 20.6/20

In: 235.812+/-514.937 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 673.382+/-344.738 χ^2/NDF : 20.6/20

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: 944.854+/-0.328 χ^2/NDF : 634741.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

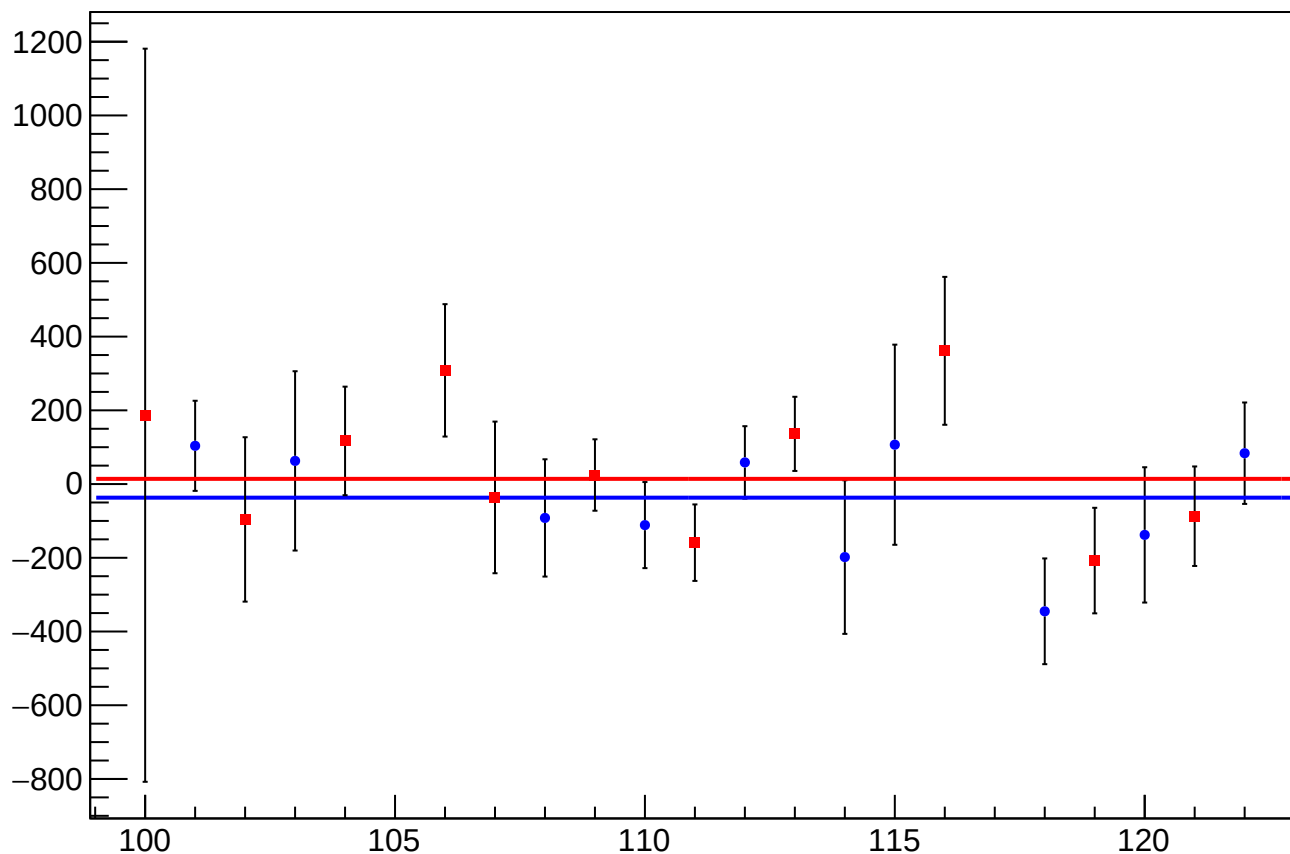
Right: 968.871+/-0.244 χ^2/NDF : 1294952.1/20

In: 998.438+/-0.364 χ^2/NDF : 648260.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.871+/-0.244 χ^2/NDF : 1294952.1/20

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: 14.106+/-42.689 χ^2/NDF : 13.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

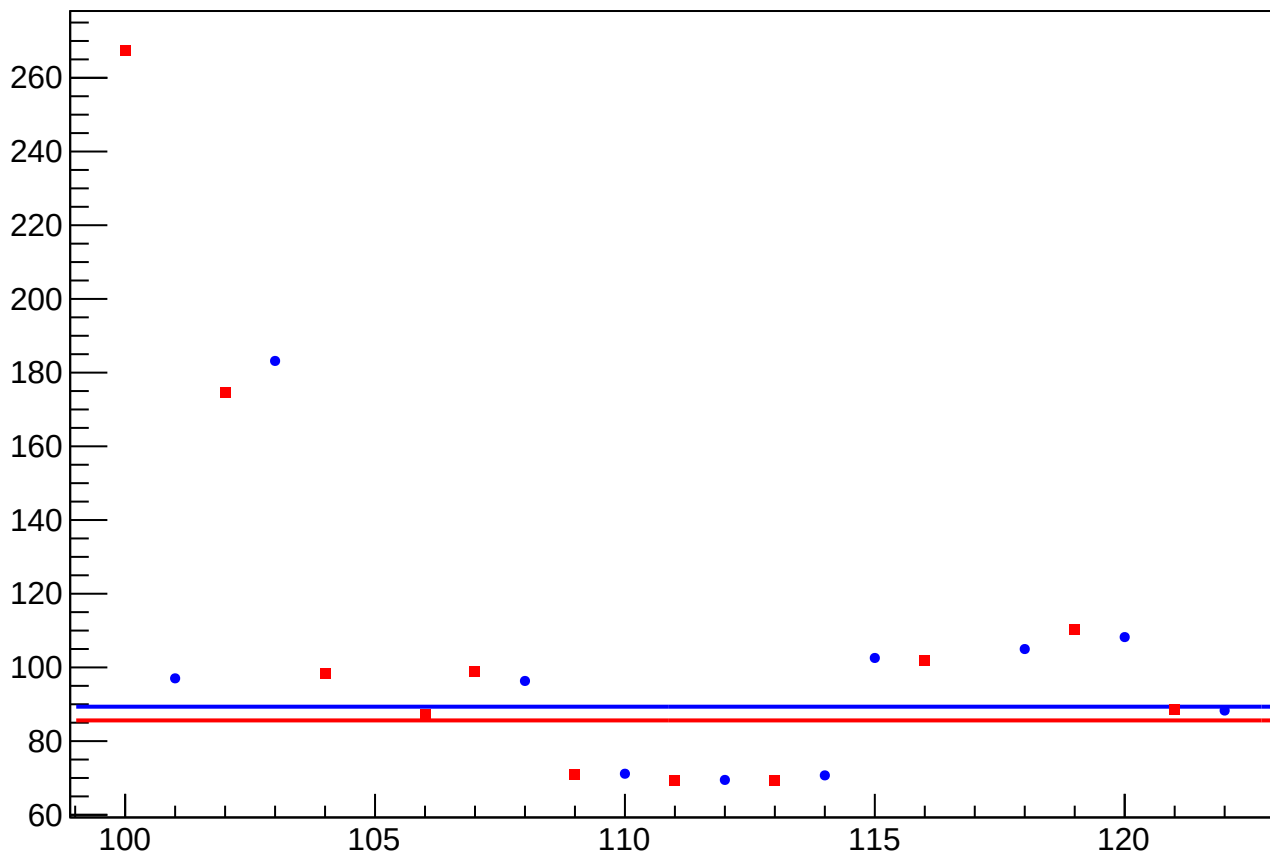
Right: -9.368+/-31.361 χ^2/NDF : 23.9/20

In: -36.889+/-46.223 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.368+/-31.361 χ^2/NDF : 23.9/20

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: 85.618+/-0.030 χ^2/NDF : 631295.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

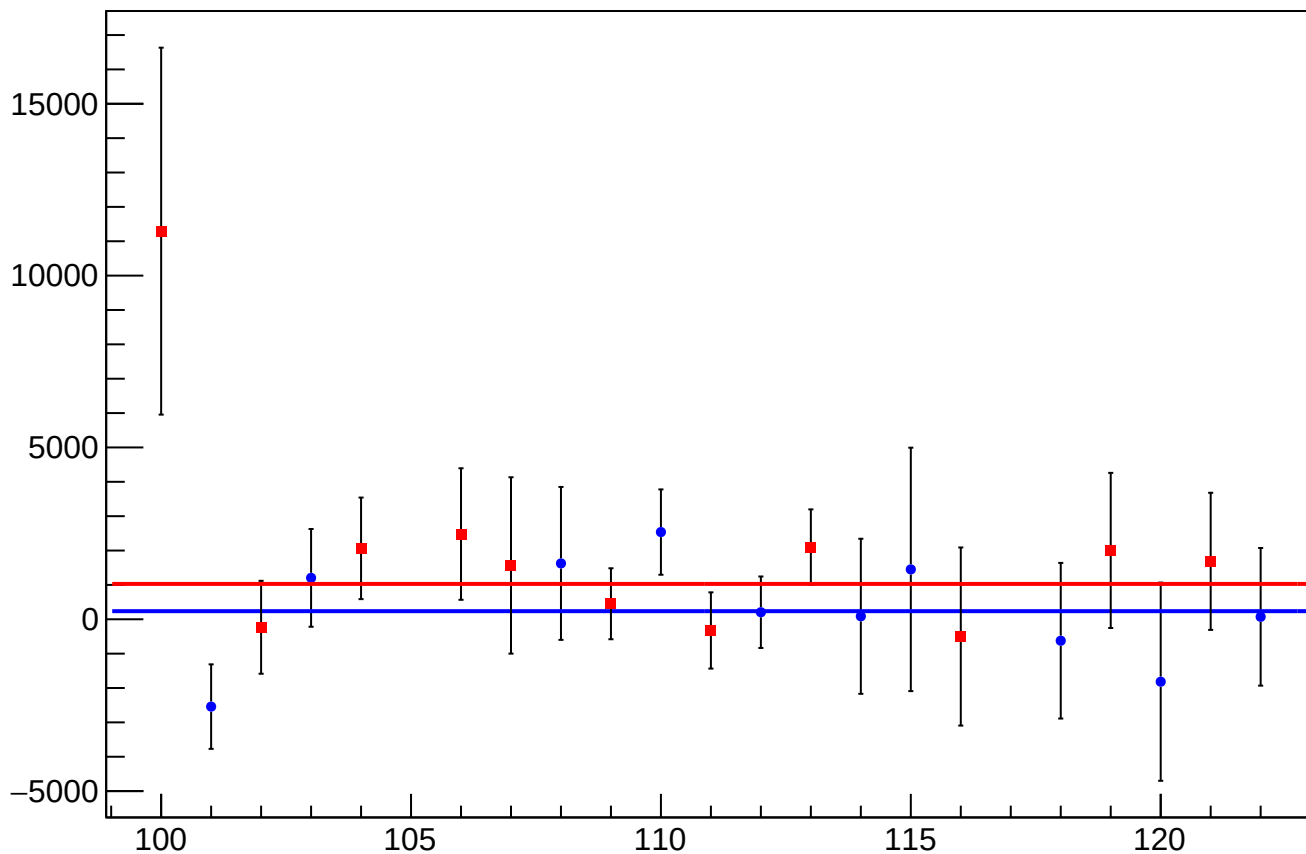
Right: 87.334+/-0.022 χ^2/NDF : 1143925.9/20

In: 89.345+/-0.033 χ^2/NDF : 505614.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.334+/-0.022 χ^2/NDF : 1143925.9/20

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: 1028.795 $\pm$ 464.084 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

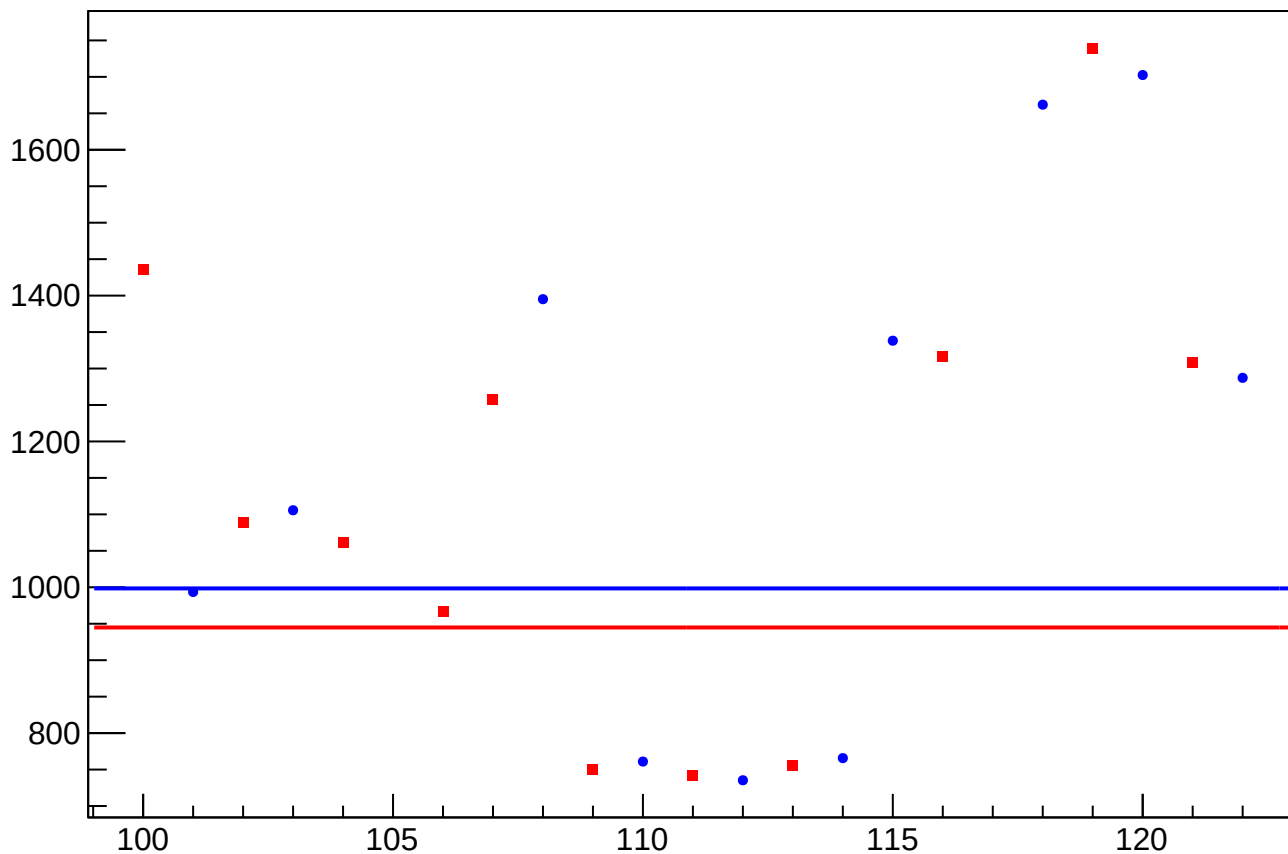
Right: 673.382 $\pm$ 344.738 χ^2 /NDF: 20.6/20

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: 673.382 $\pm$ 344.738 χ^2 /NDF: 20.6/20

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: 944.854+/-0.328 χ^2/NDF : 634741.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

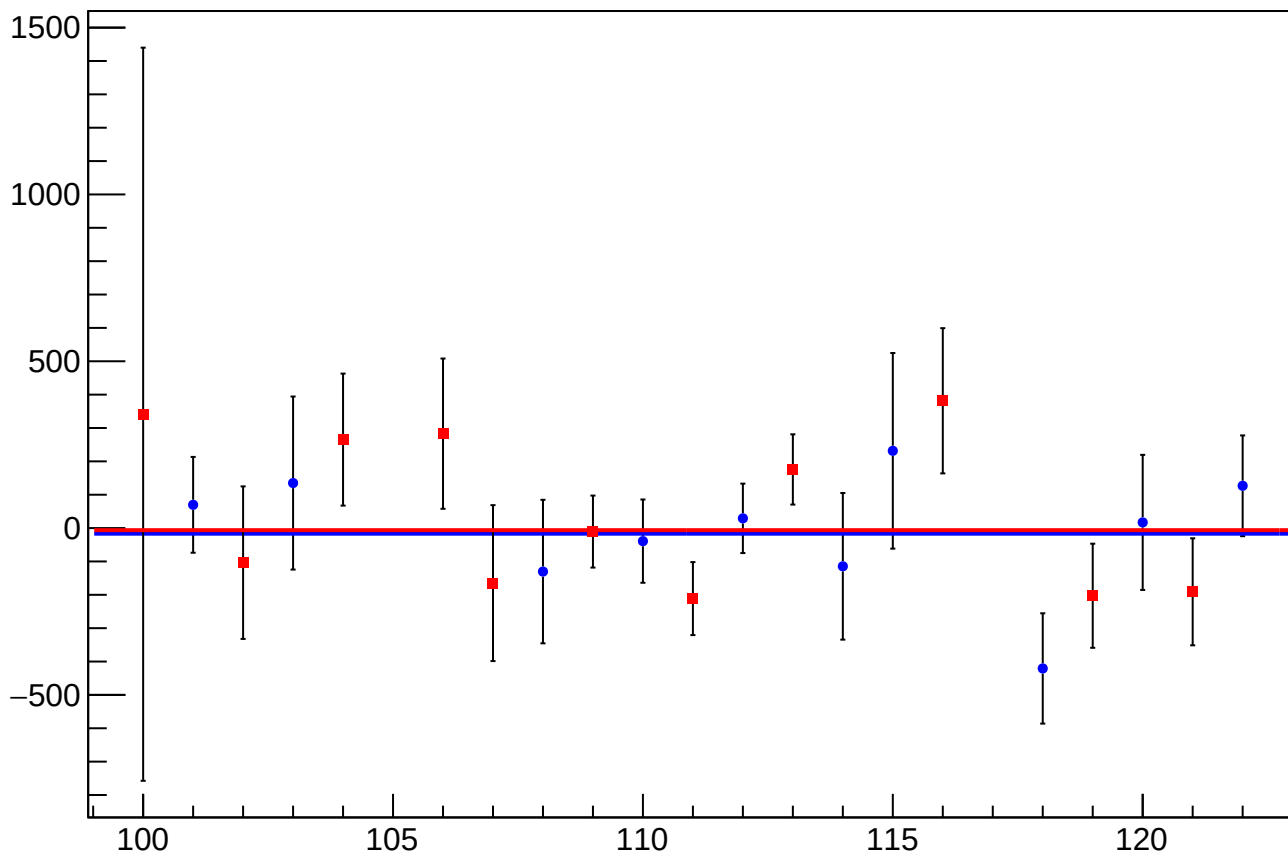
Right: 968.871+/-0.244 χ^2/NDF : 1294952.1/20

In: 998.438+/-0.364 χ^2/NDF : 648260.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.871+/-0.244 χ^2/NDF : 1294952.1/20

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: -6.245 $\pm$ 47.443 χ^2 /NDF: 16.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

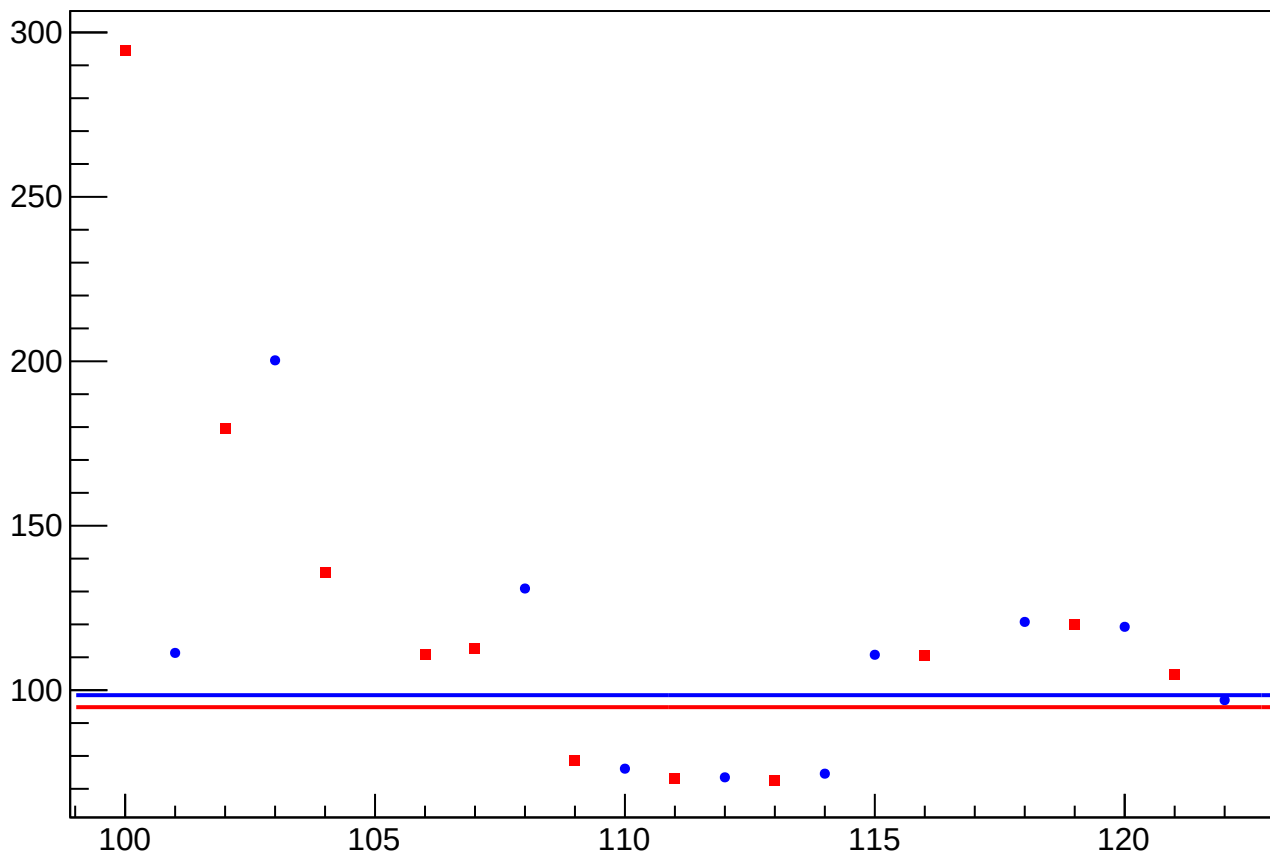
Right: -11.073 $\pm$ 34.857 χ^2 /NDF: 25.9/20

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: -11.073 $\pm$ 34.857 χ^2 /NDF: 25.9/20

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: 94.830+/-0.034 χ^2/NDF : 734320.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

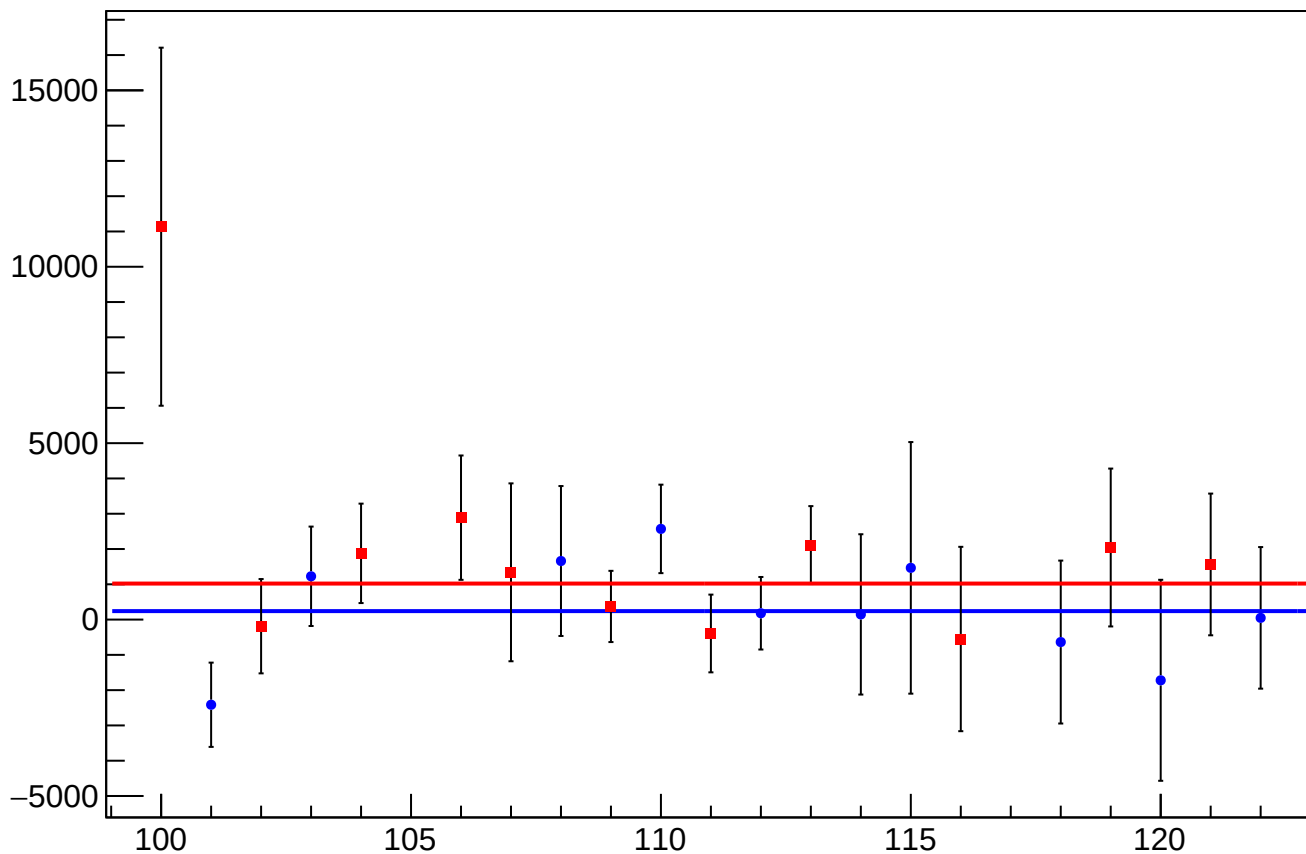
Right: 96.509+/-0.025 χ^2/NDF : 1373702.9/20

In: 98.478+/-0.036 χ^2/NDF : 633941.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.509+/-0.025 χ^2/NDF : 1373702.9/20

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: 1020.790 $\pm$ 456.343 χ^2 /NDF: 10.0/10

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

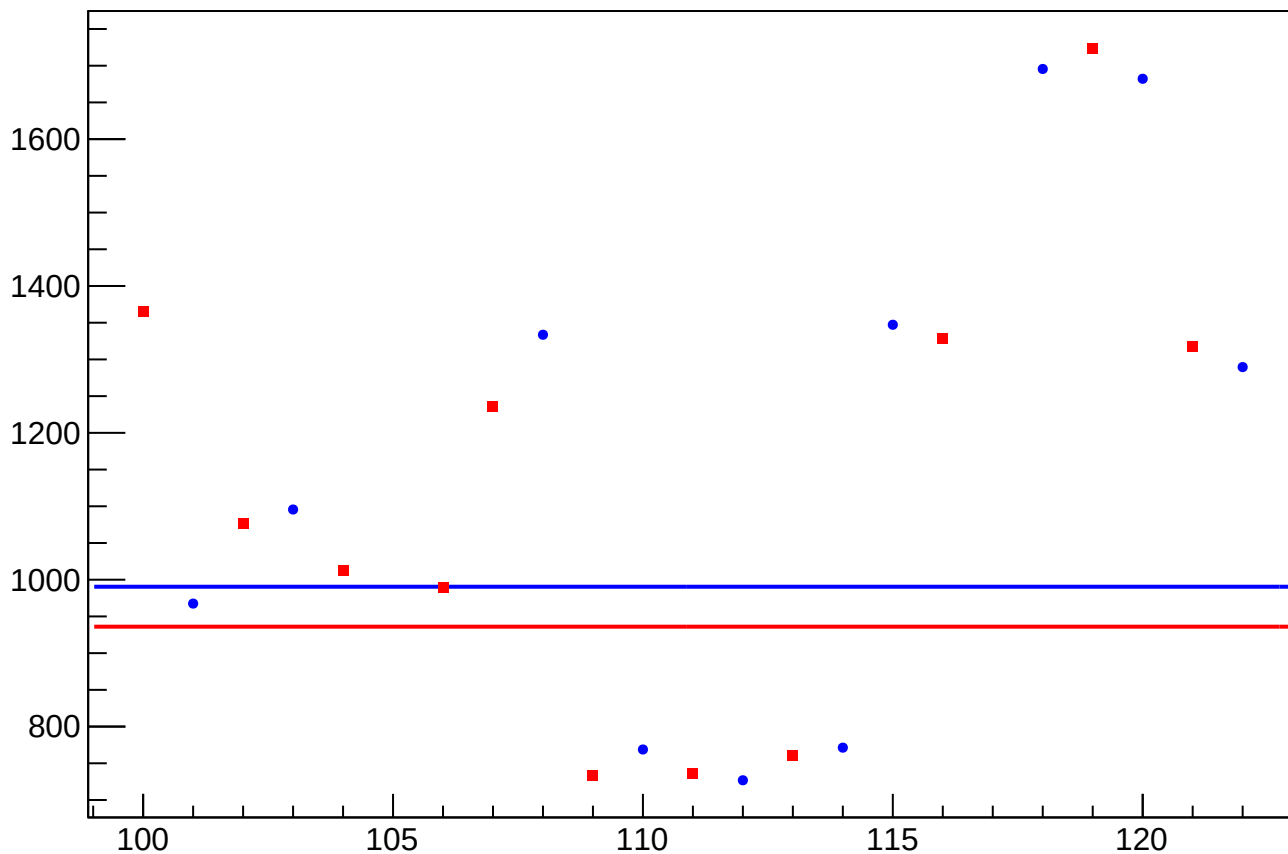
Right: 673.816 $\pm$ 340.157 χ^2 /NDF: 21.4/20

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: 673.816 $\pm$ 340.157 χ^2 /NDF: 21.4/20

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: 936.033+/-0.323 χ^2/NDF : 634161.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

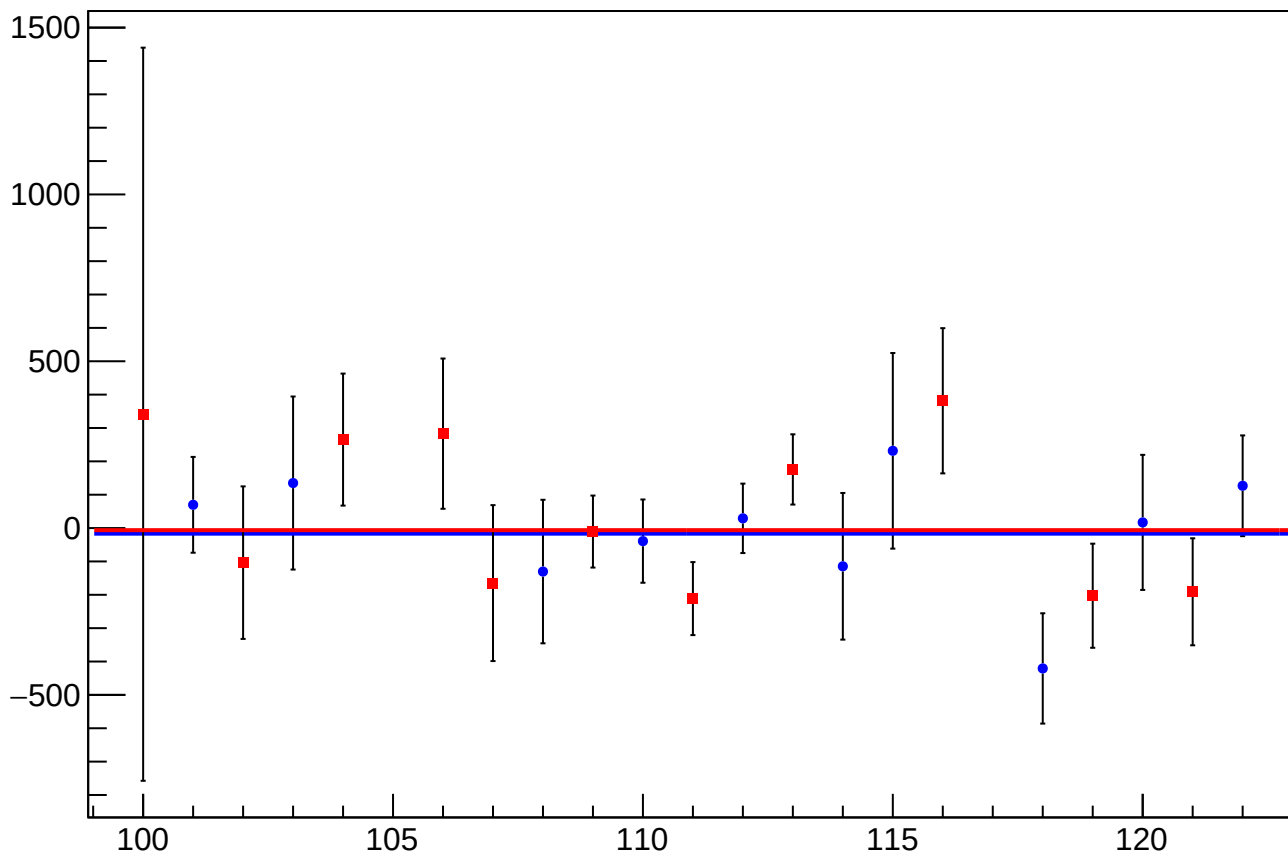
Right: 960.214+/-0.241 χ^2/NDF : 1292432.3/20

In: 990.447+/-0.361 χ^2/NDF : 645634.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.214+/-0.241 χ^2/NDF : 1292432.3/20

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: -6.247 $\pm$ 47.443 χ^2 /NDF: 16.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

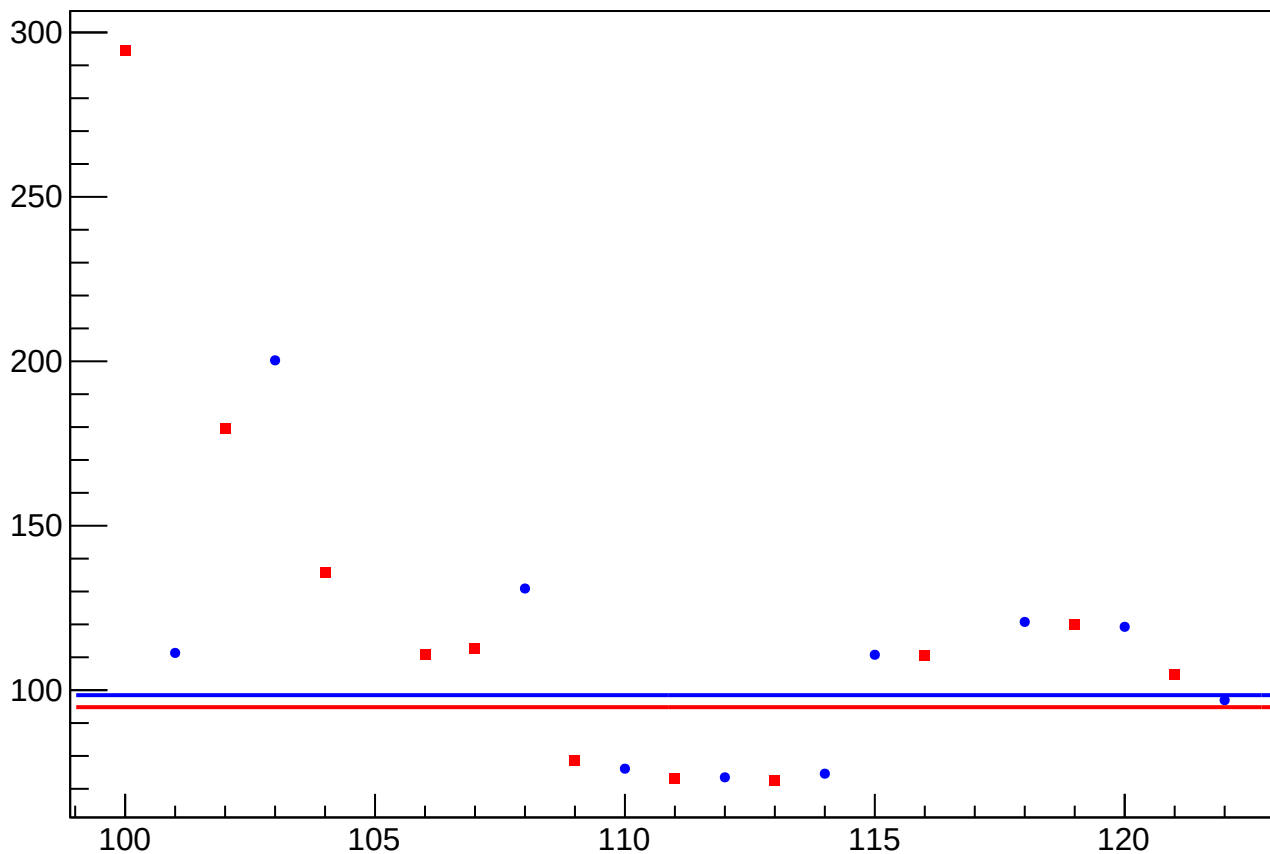
Right: -11.074 $\pm$ 34.857 χ^2 /NDF: 25.9/20

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: -11.074 $\pm$ 34.857 χ^2 /NDF: 25.9/20

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: 94.831+/-0.034 χ^2/NDF : 734321.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

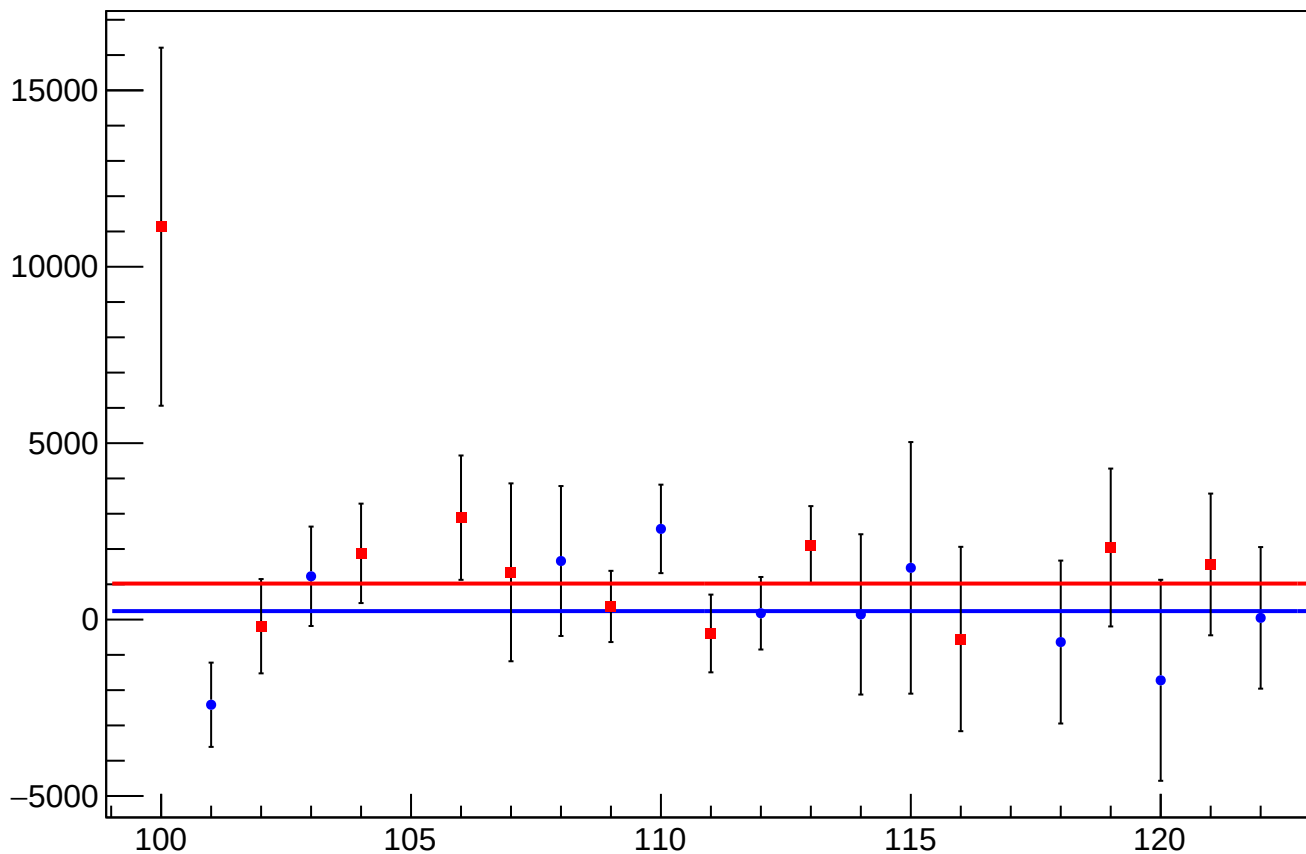
Right: 96.509+/-0.025 χ^2/NDF : 1373705.4/20

In: 98.478+/-0.036 χ^2/NDF : 633942.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.509+/-0.025 χ^2/NDF : 1373705.4/20

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: 1020.788 $\pm$ 456.342 χ^2 /NDF: 10.0/10

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

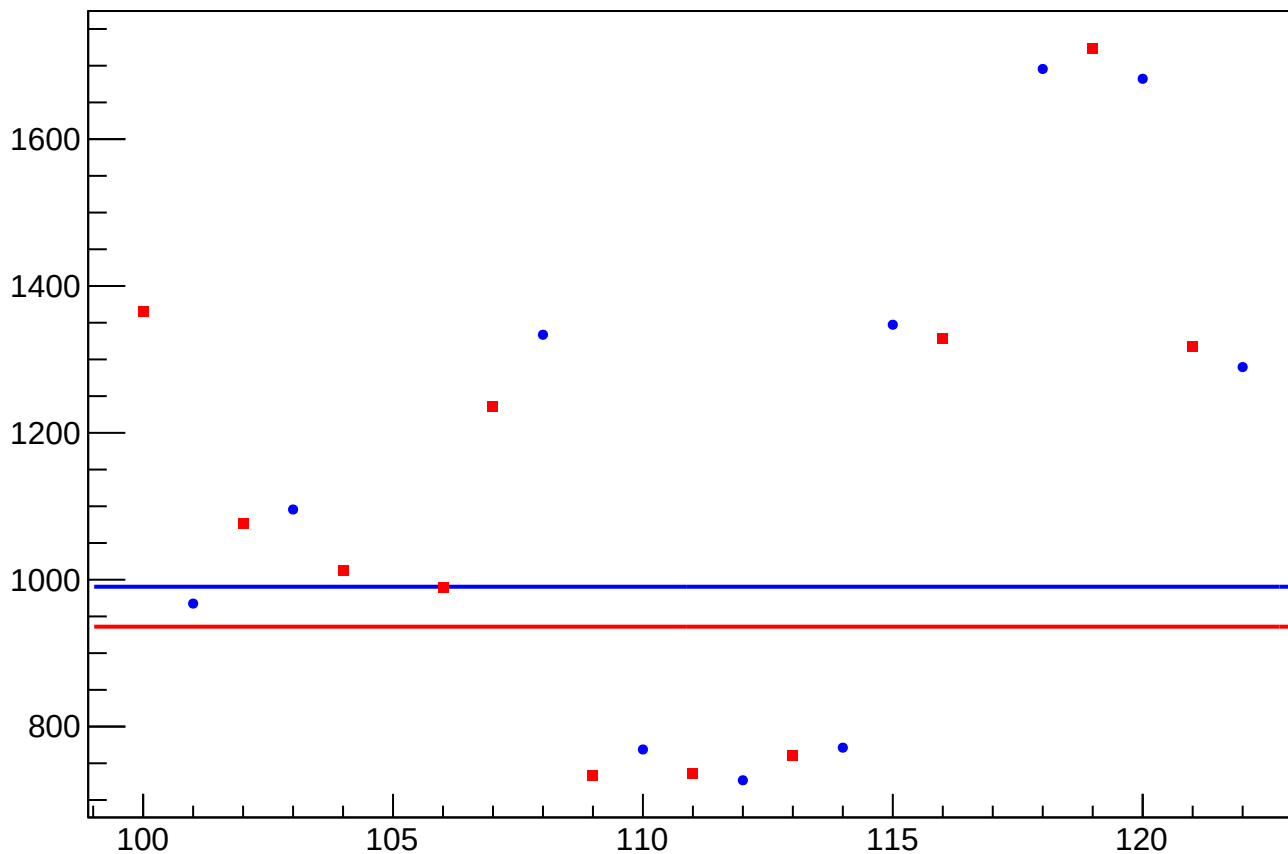
Right: 673.814 $\pm$ 340.156 χ^2 /NDF: 21.4/20

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: 673.814 $\pm$ 340.156 χ^2 /NDF: 21.4/20

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: 936.032+/-0.323 χ^2/NDF : 634163.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

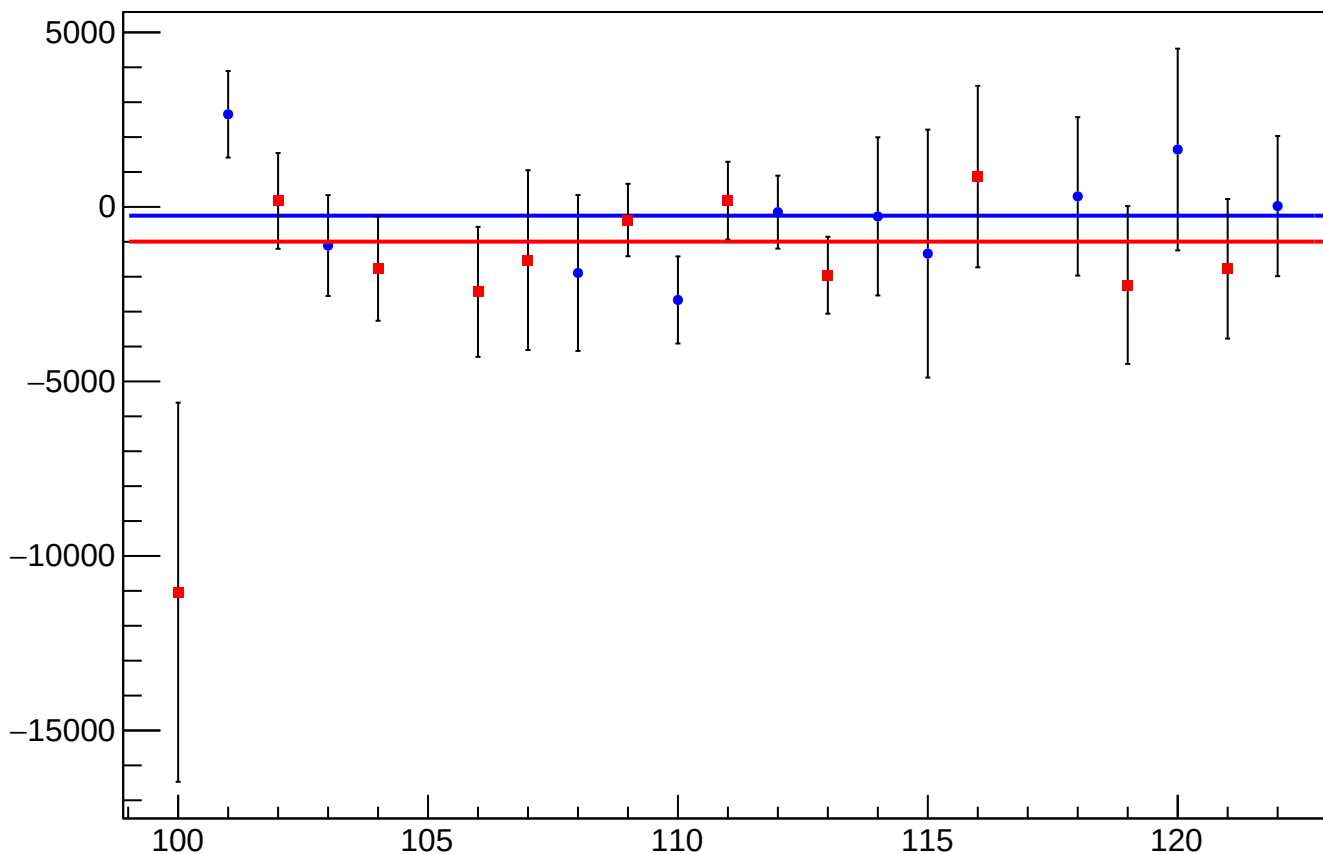
Right: 960.212+/-0.241 χ^2/NDF : 1292437.5/20

In: 990.445+/-0.361 χ^2/NDF : 645638.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.212+/-0.241 χ^2/NDF : 1292437.5/20

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: -994.624+/-465.906 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

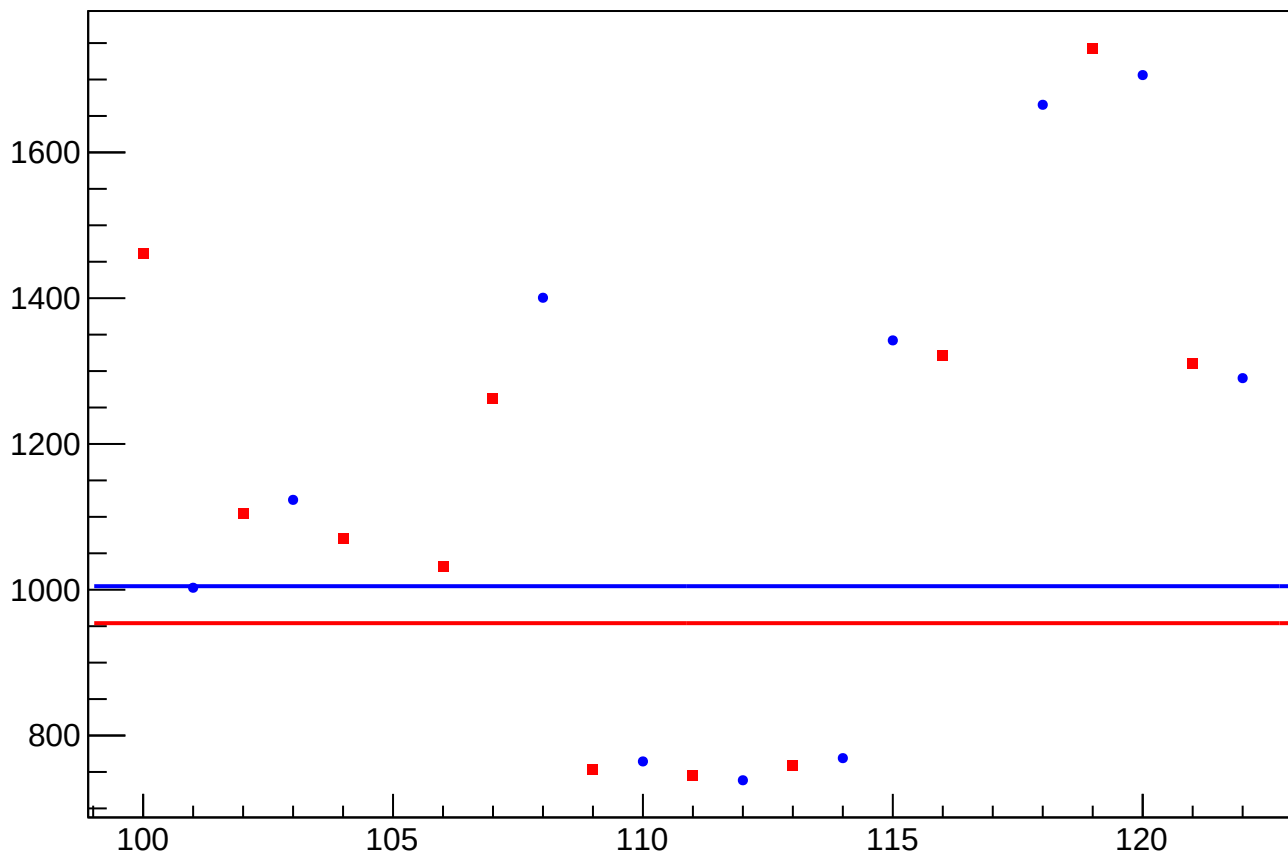
Right: -662.104+/-346.472 χ^2/NDF : 20.1/20

In: -250.700+/-518.232 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -662.104+/-346.472 χ^2/NDF : 20.1/20

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: 954.146+/-0.329 χ^2/NDF : 640198.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

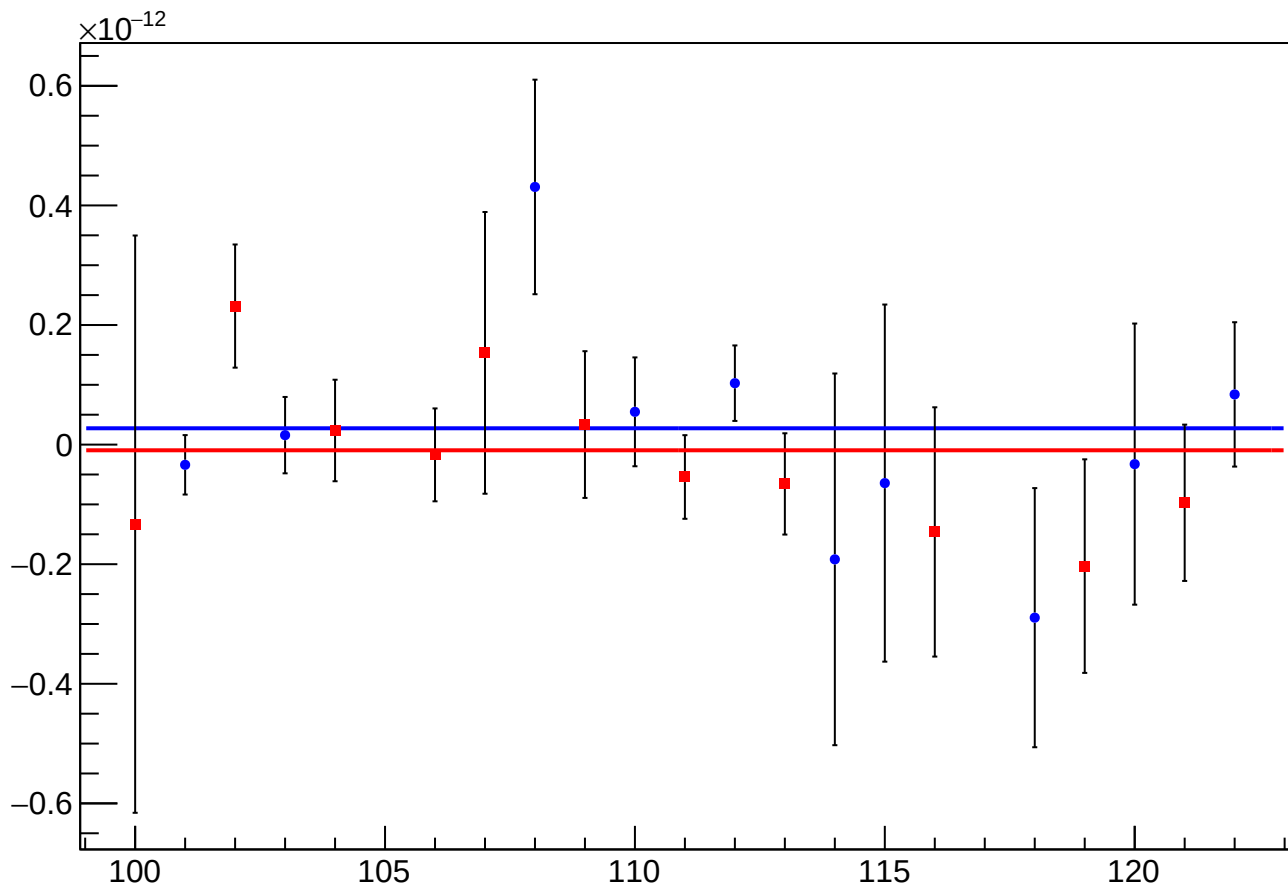
Right: 976.819+/-0.245 χ^2/NDF : 1298516.0/20

In: 1004.870+/-0.366 χ^2/NDF : 647720.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 976.819+/-0.245 χ^2/NDF : 1298516.0/20

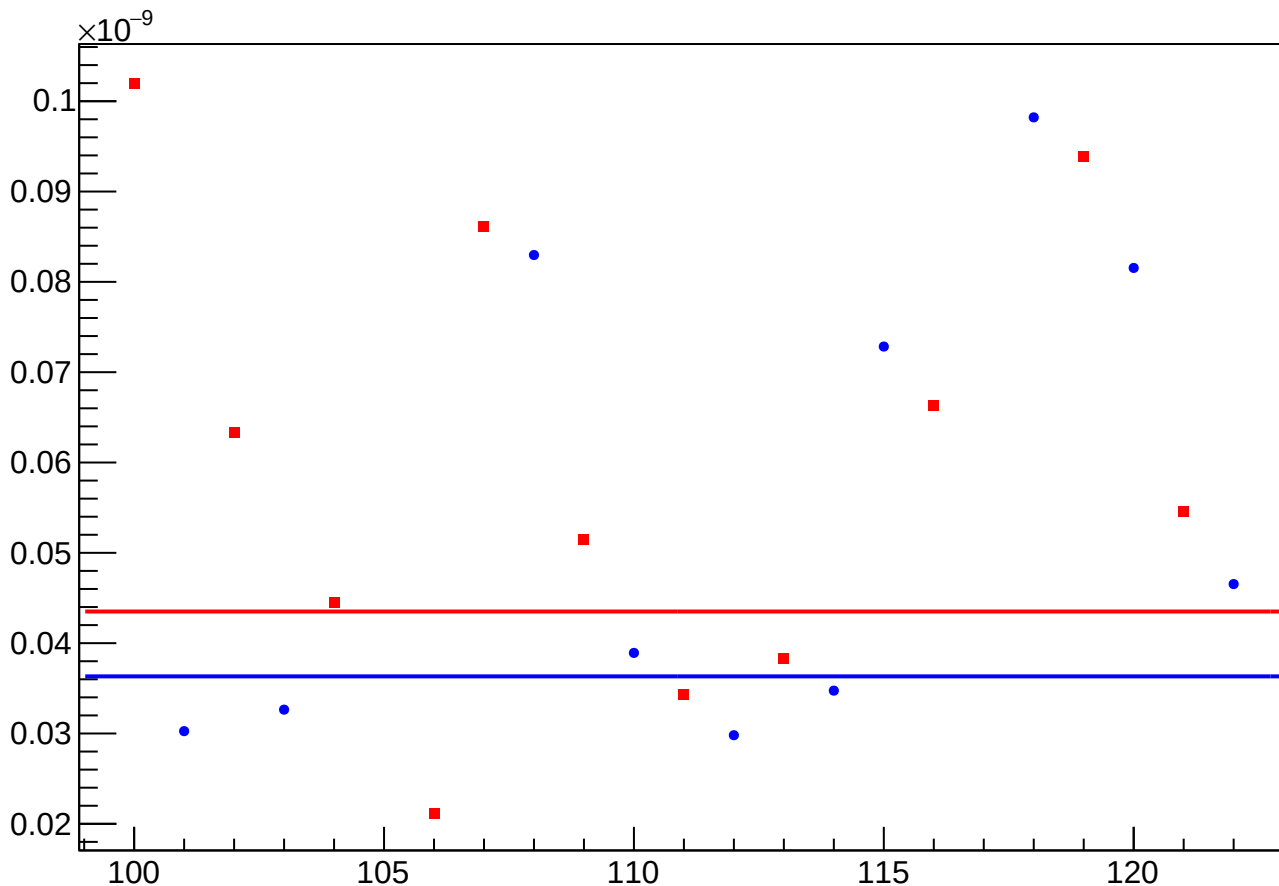
asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 9.2/10
 Left In: 0.000+/-0.000 χ^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 : 11.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 21.1/20

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 : 582094.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

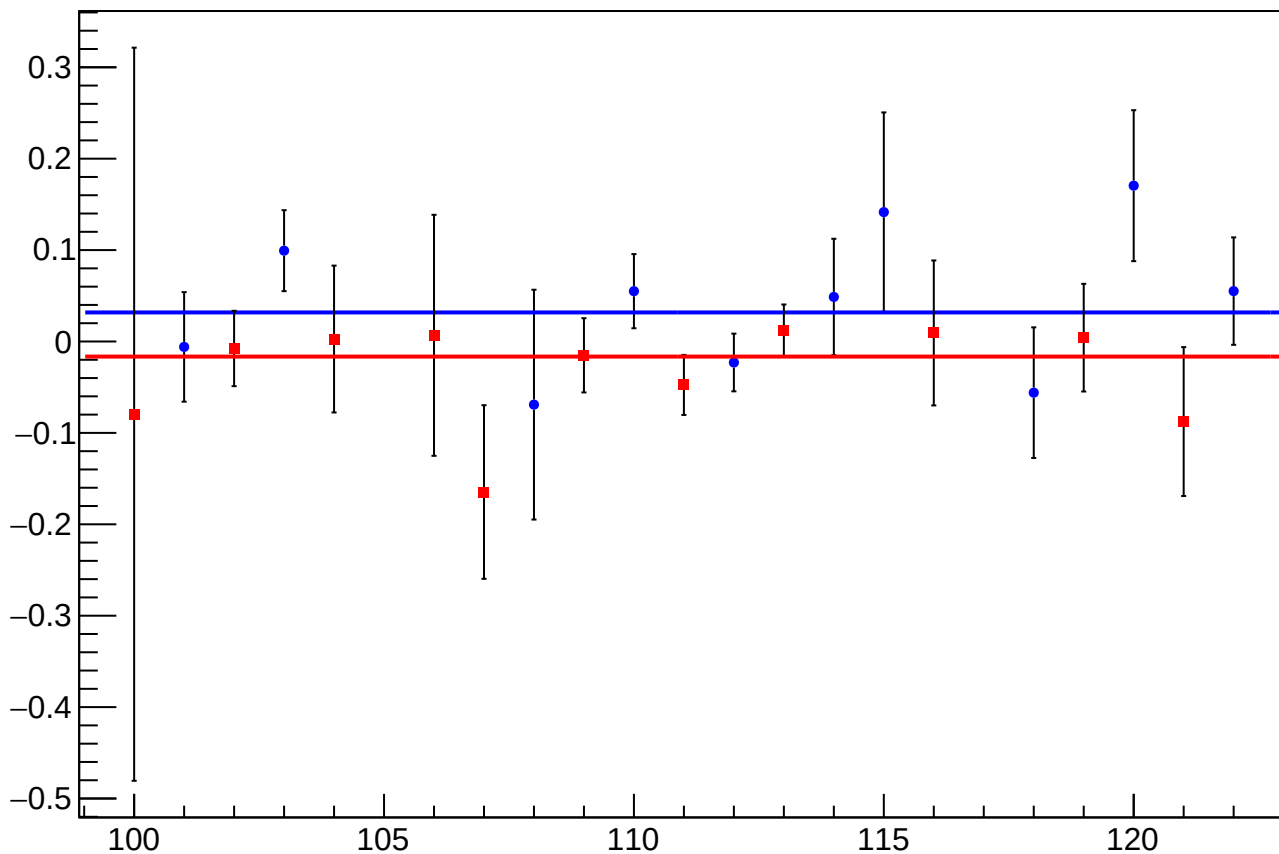
Right: 0.000+/-0.000 χ^2/NDF : 1112186.7/20

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 : 1112186.7/20

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: -0.017+/-0.015 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

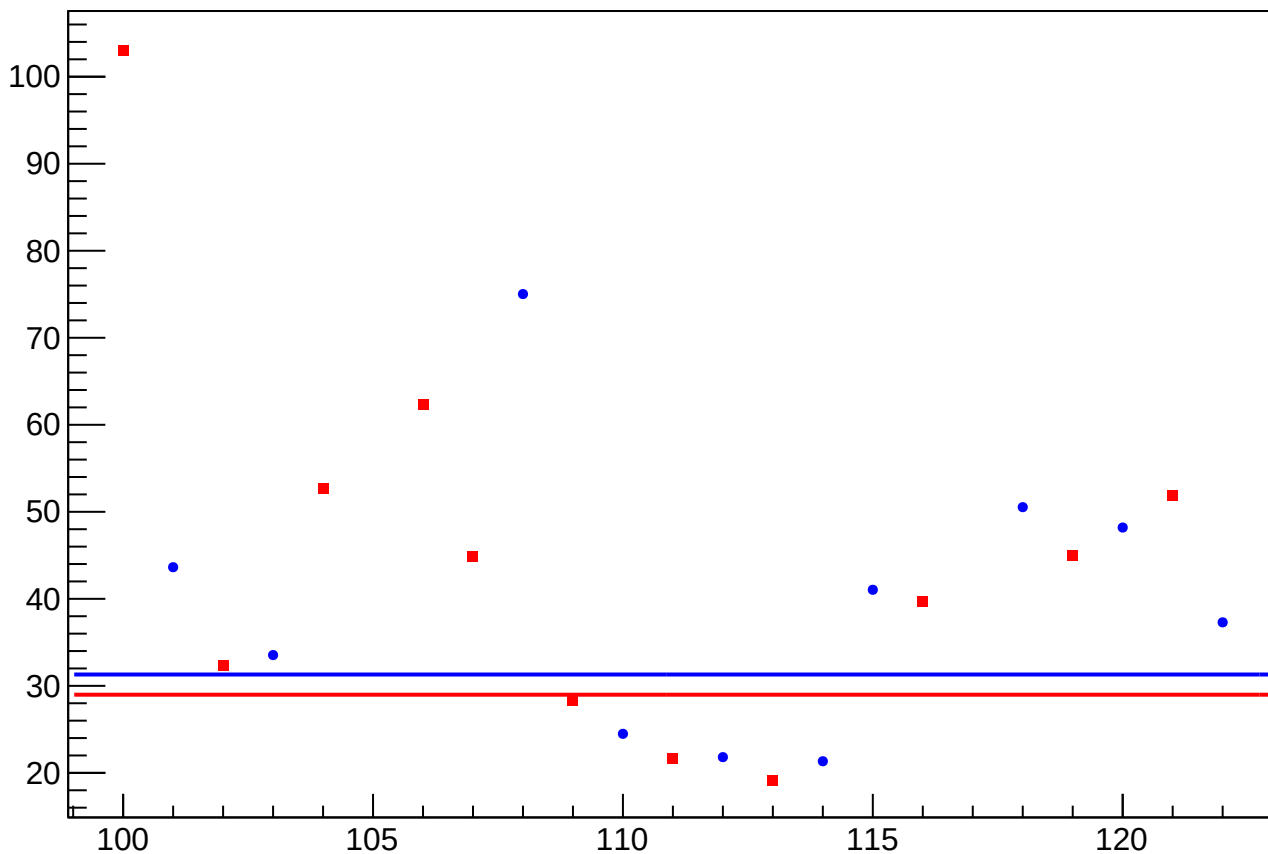
Right: 0.005+/-0.011 χ^2/NDF : 22.2/20

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.011 χ^2/NDF : 22.2/20

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: 28.983+/-0.011 χ^2/NDF : 1124075.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

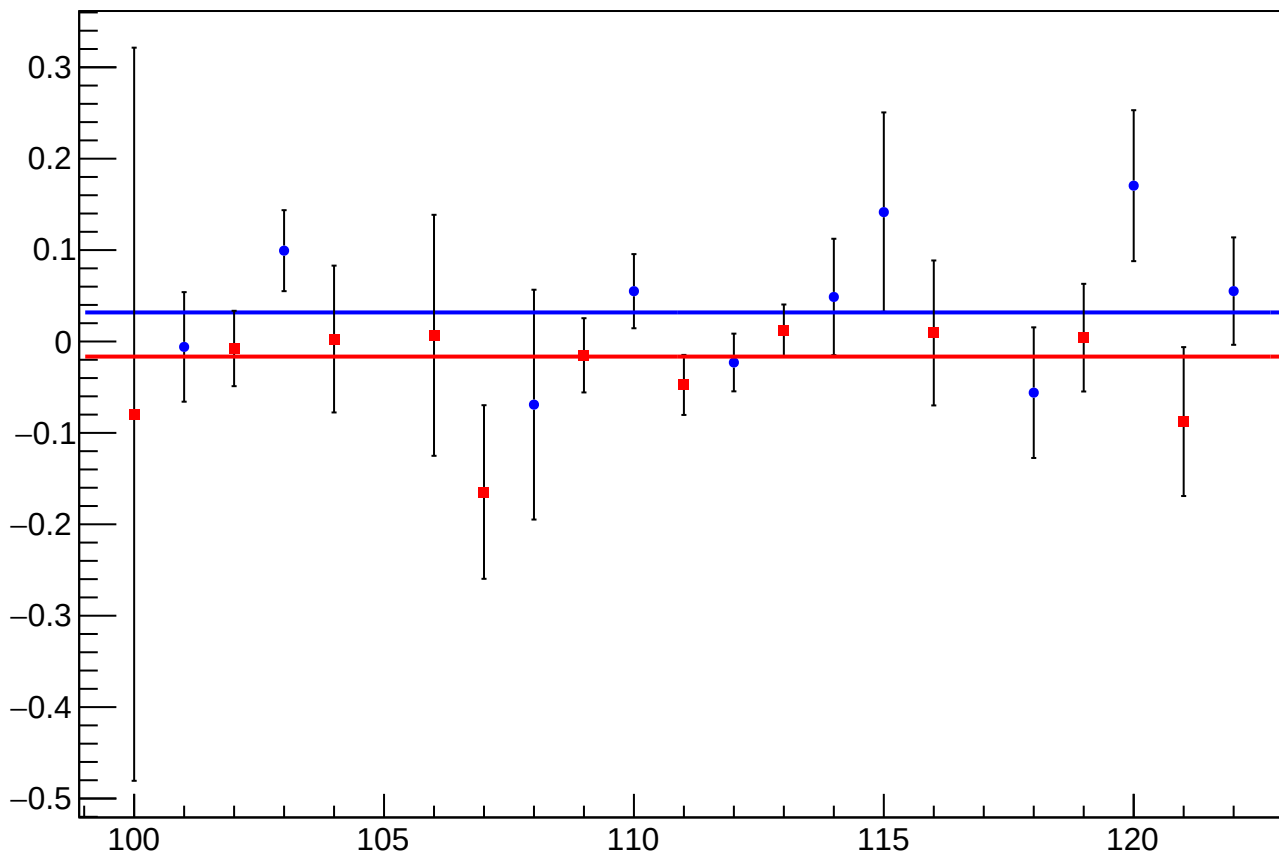
Right: 30.012+/-0.008 χ^2/NDF : 2028060.3/20

In: 31.304+/-0.012 χ^2/NDF : 883449.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.012+/-0.008 χ^2/NDF : 2028060.3/20

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: -0.017+/-0.015 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

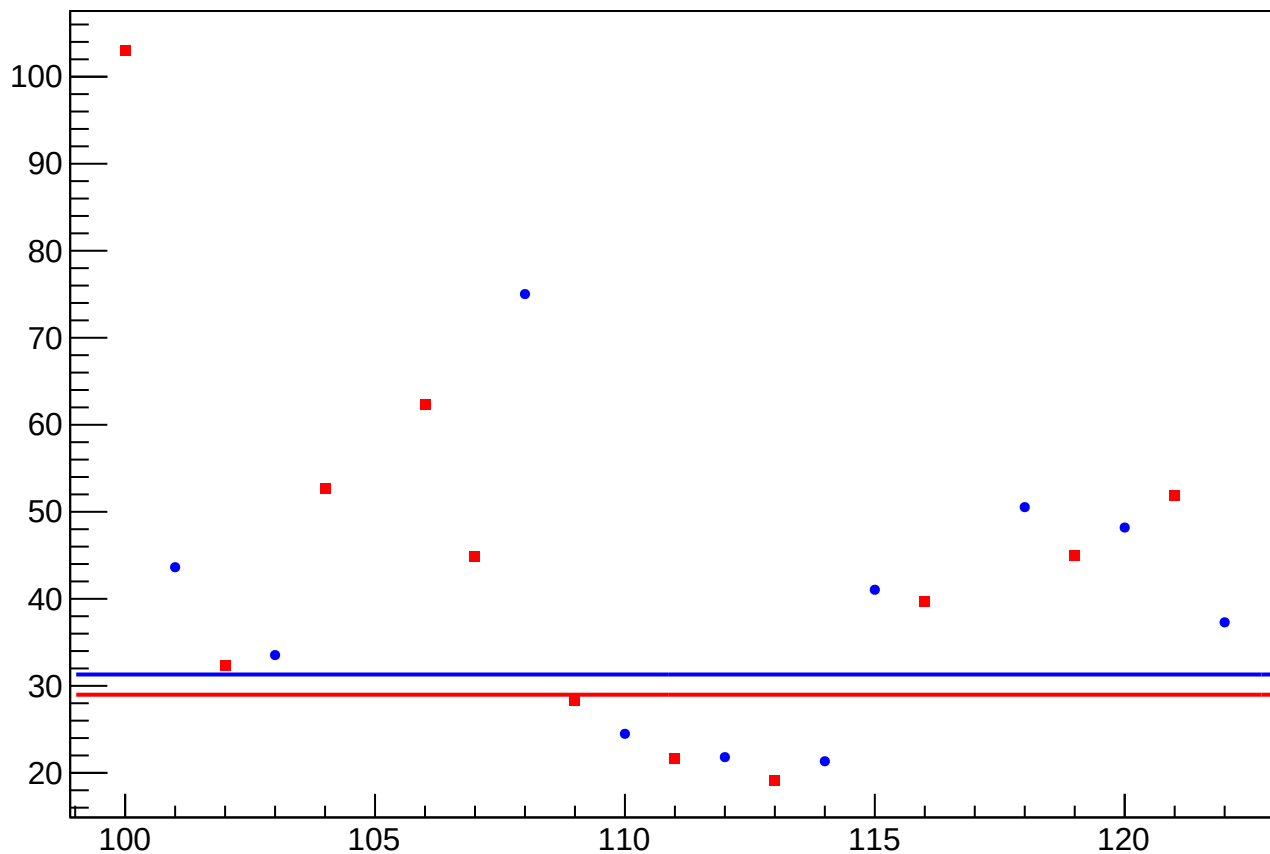
Right: 0.005+/-0.011 χ^2/NDF : 22.2/20

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.011 χ^2/NDF : 22.2/20

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: 28.983+/-0.011 χ^2/NDF : 1124075.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

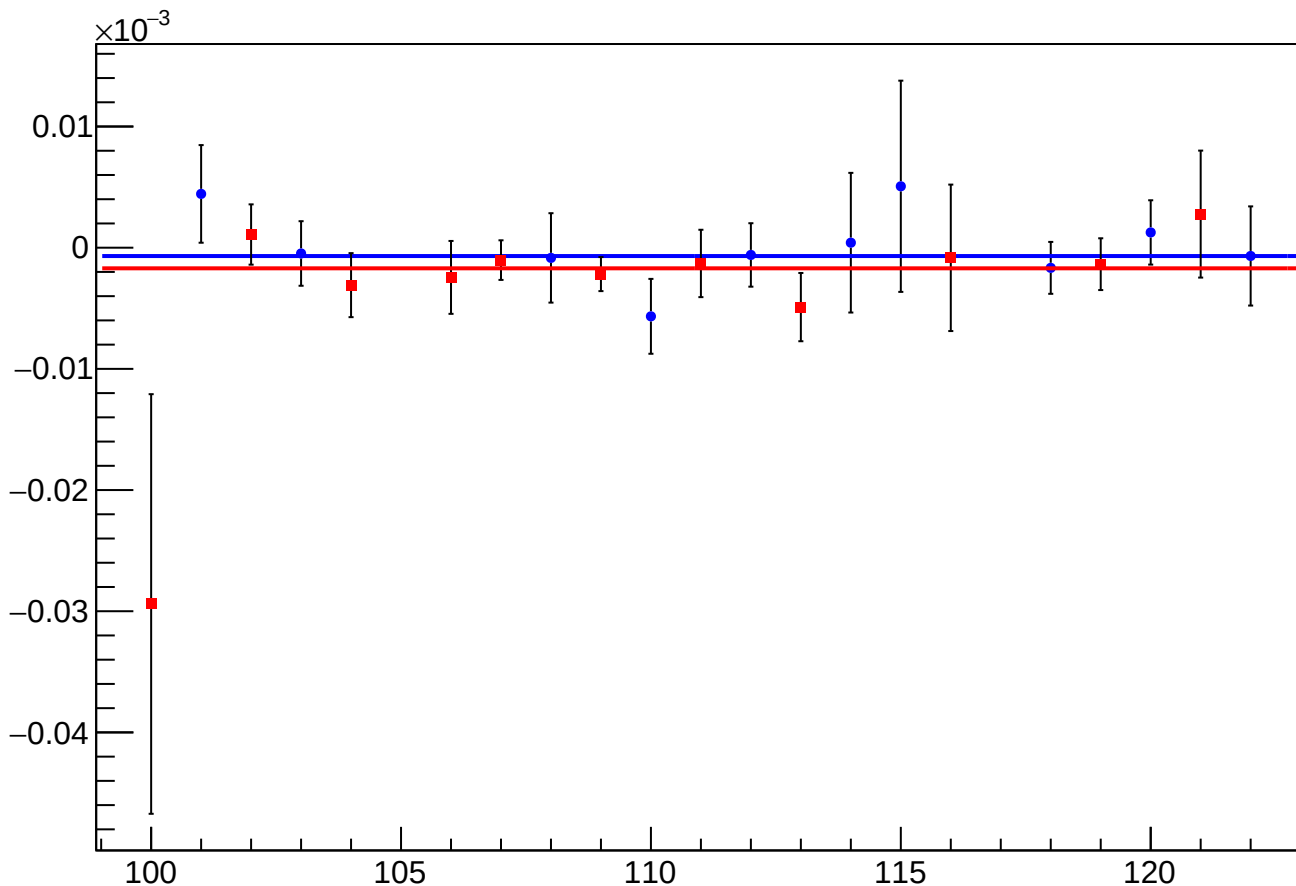
Right: 30.012+/-0.008 χ^2/NDF : 2028060.3/20

In: 31.304+/-0.012 χ^2/NDF : 883449.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.012+/-0.008 χ^2/NDF : 2028060.3/20

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 : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

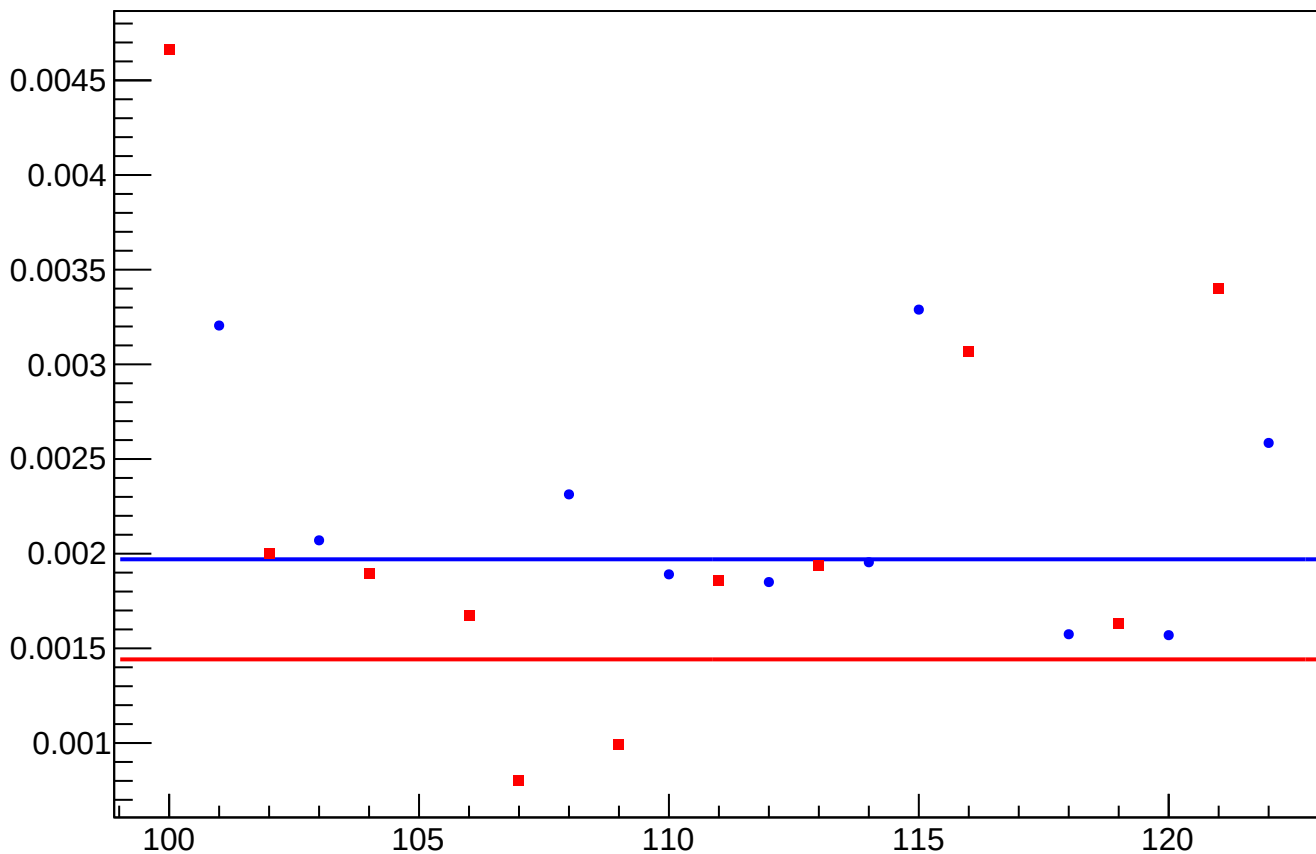
Right: -0.000+/-0.000 χ^2/NDF : 12.6/20

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 : 12.6/20

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 : 1299378.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

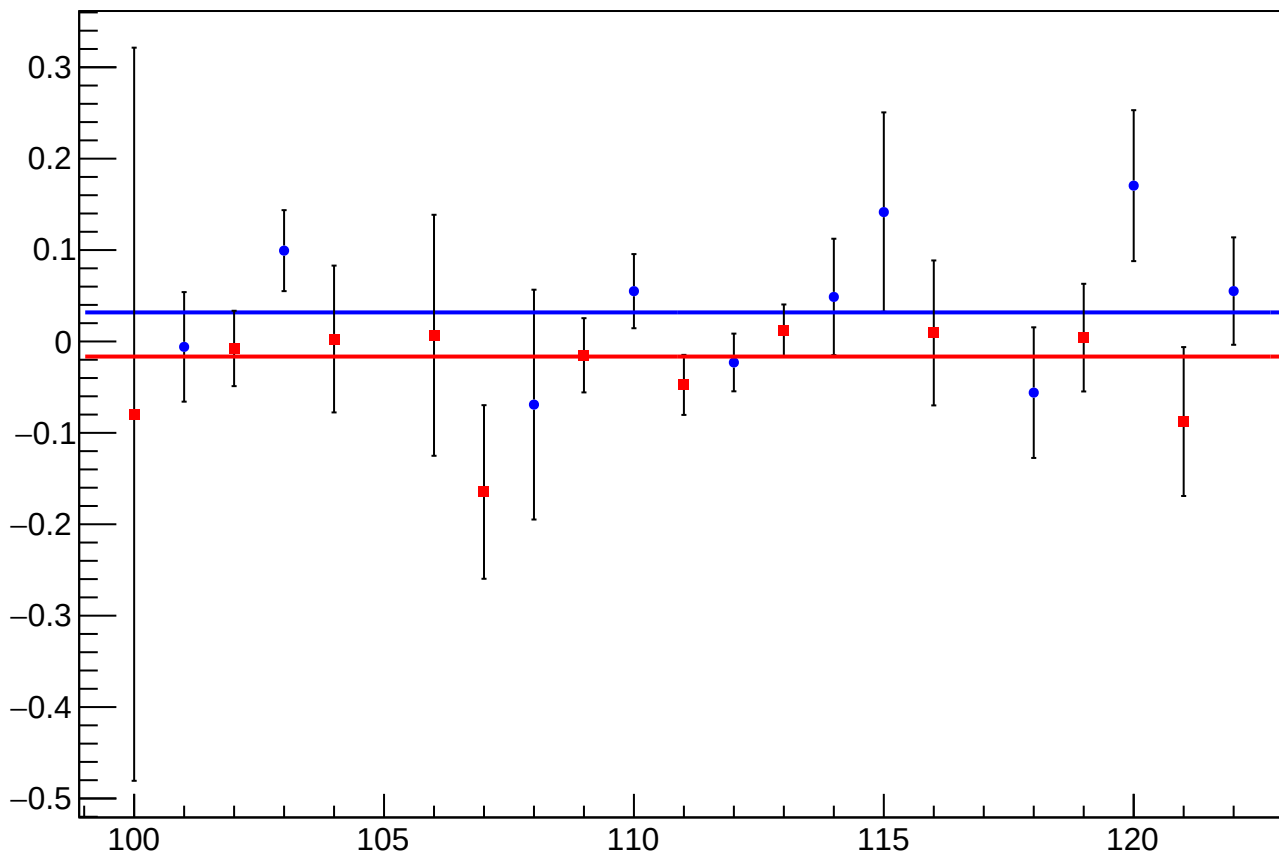
Right: 0.002+/-0.000 χ^2/NDF : 2077115.5/20

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 : 2077115.5/20

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: -0.017+/-0.015 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

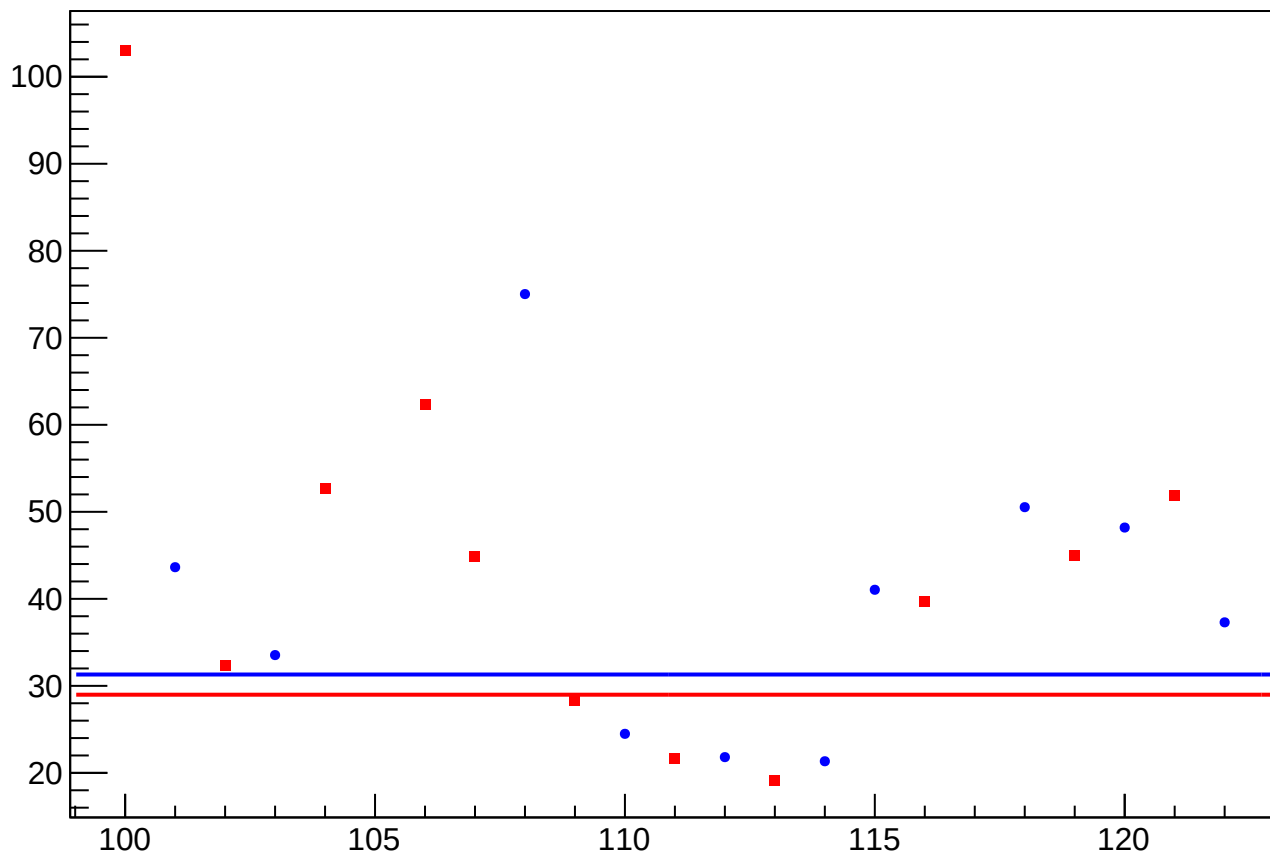
Right: 0.005+/-0.011 χ^2/NDF : 22.2/20

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.011 χ^2/NDF : 22.2/20

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: 28.984+/-0.011 χ^2/NDF : 1124062.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

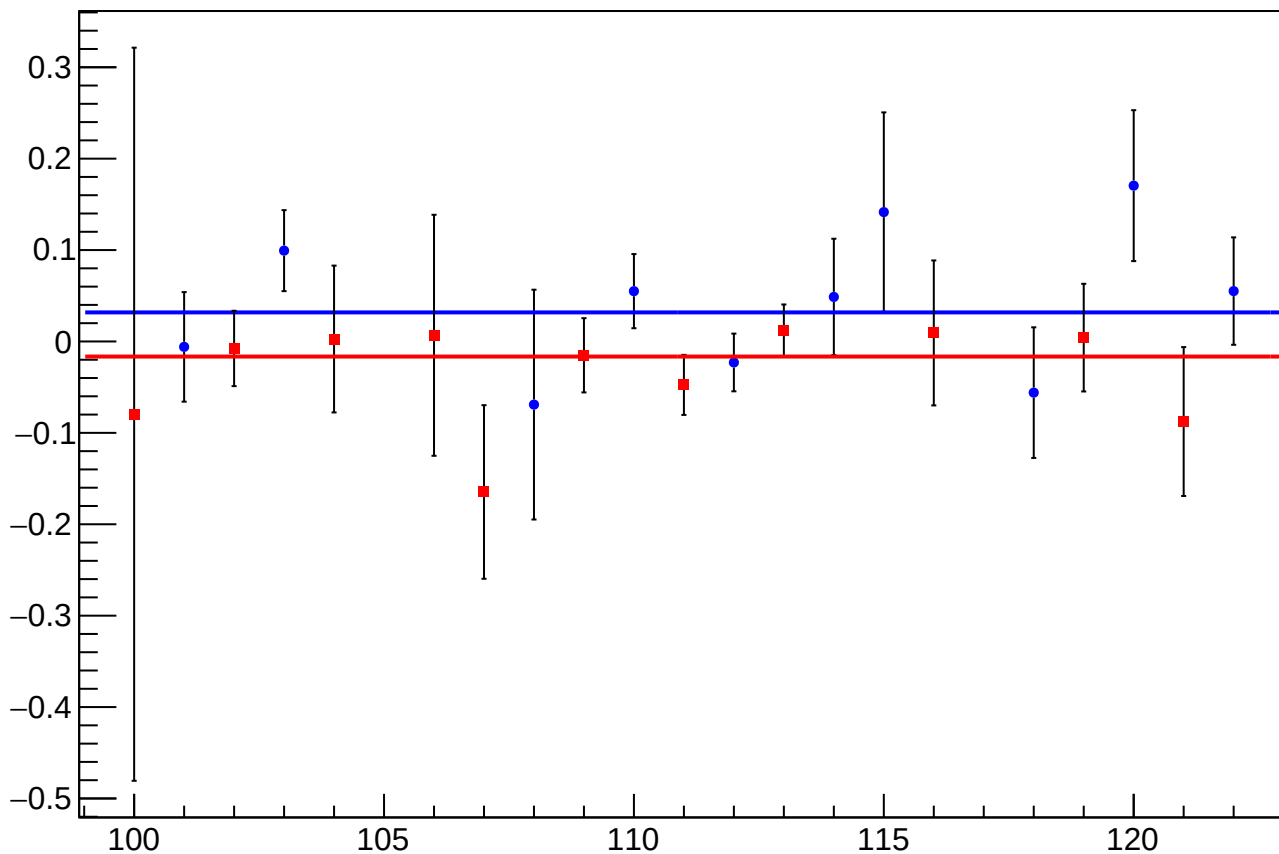
Right: 30.013+/-0.008 χ^2/NDF : 2028040.5/20

In: 31.304+/-0.012 χ^2/NDF : 883441.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.013+/-0.008 χ^2/NDF : 2028040.5/20

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: -0.017+/-0.015 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

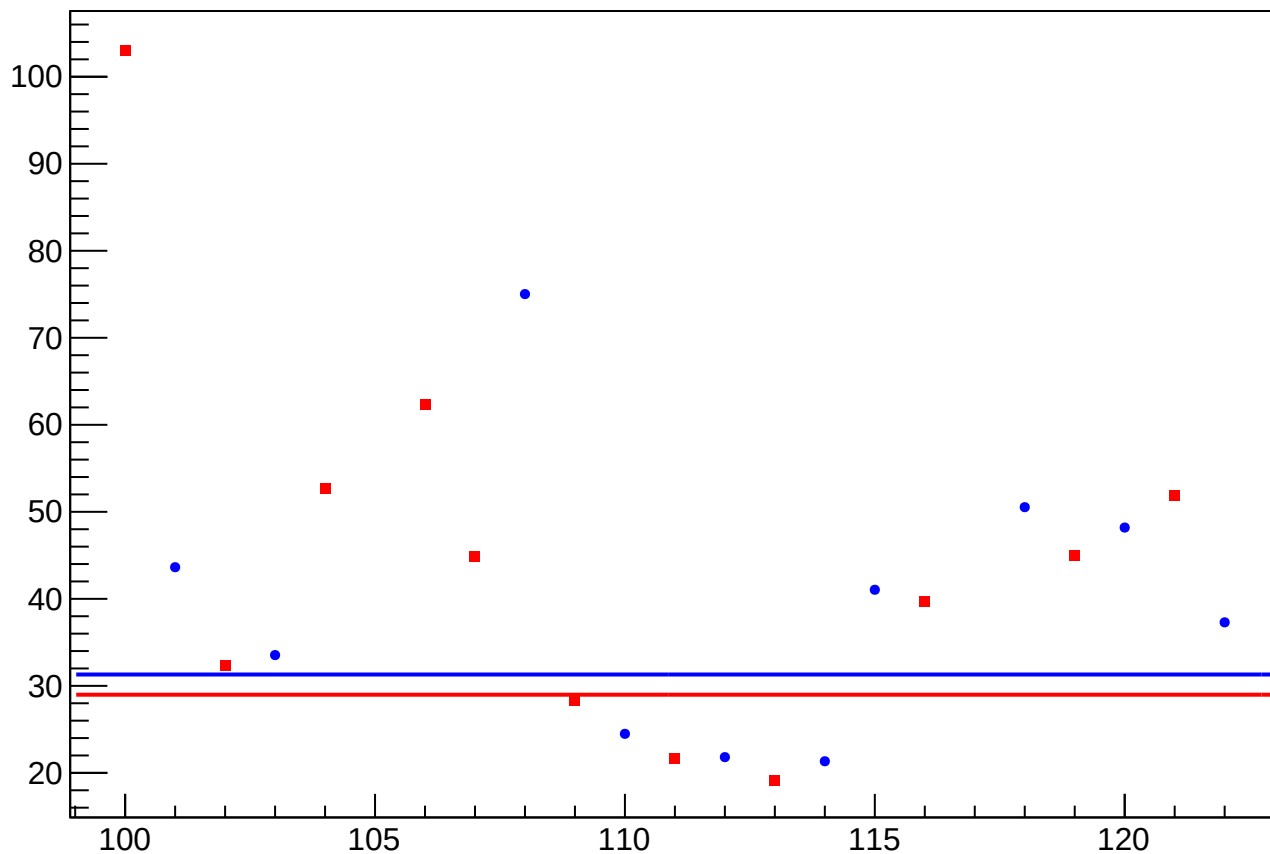
Right: 0.005+/-0.011 χ^2/NDF : 22.2/20

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.011 χ^2/NDF : 22.2/20

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: 28.984+/-0.011 χ^2/NDF : 1124062.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

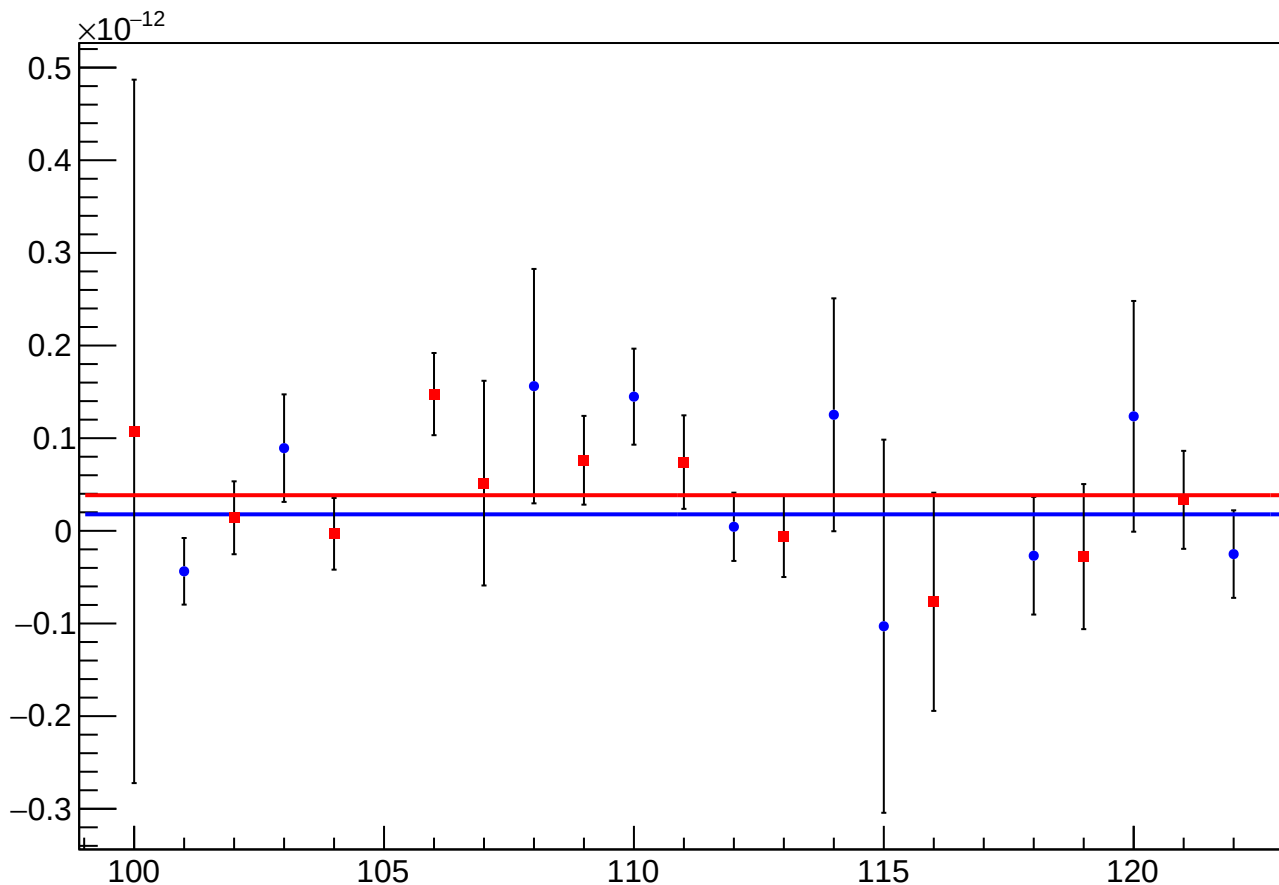
Right: 30.013+/-0.008 χ^2/NDF : 2028040.5/20

In: 31.304+/-0.012 χ^2/NDF : 883441.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.013+/-0.008 χ^2/NDF : 2028040.5/20

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 : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

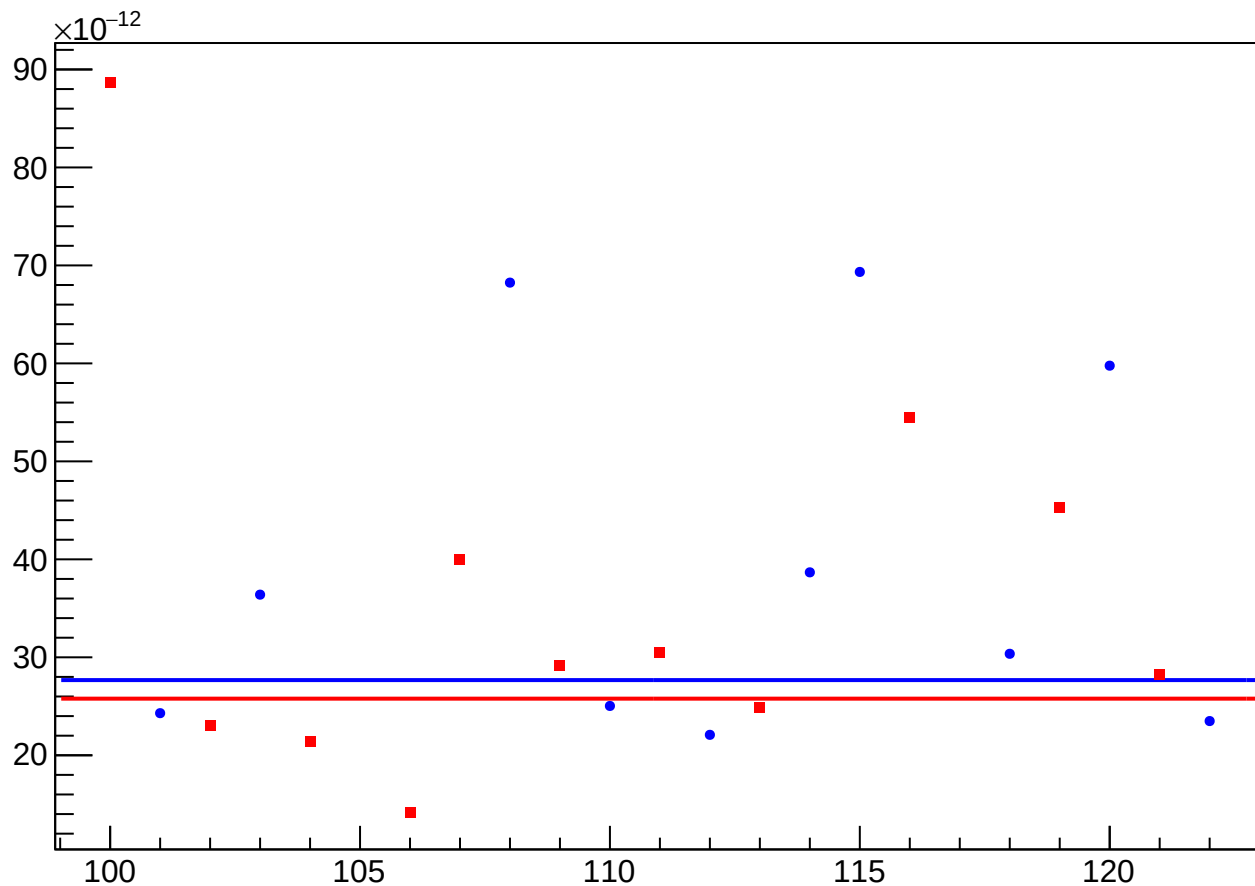
Right: 0.000+/-0.000 χ^2/NDF : 27.1/20

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 : 27.1/20

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 : 536508.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

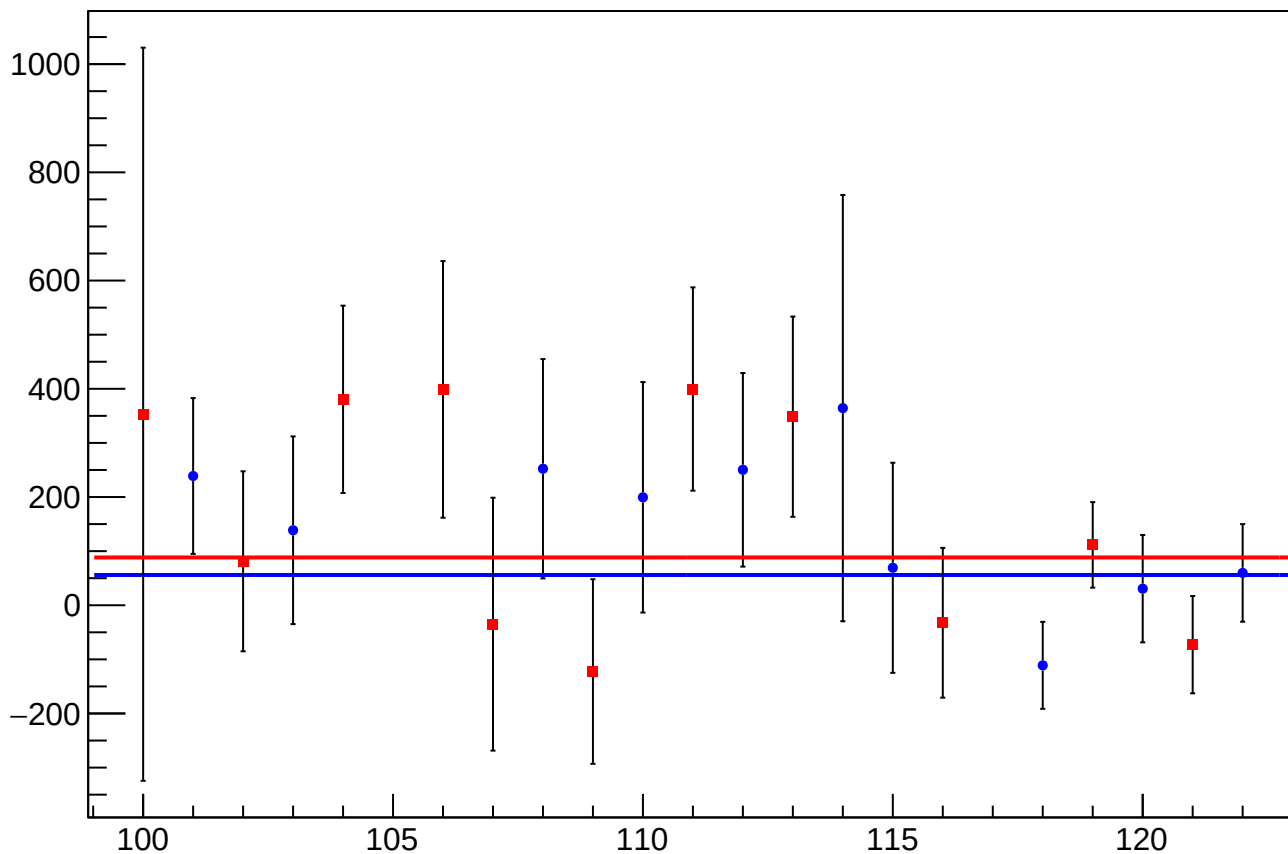
Right: 0.000+/-0.000 χ^2/NDF : 1121480.1/20

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 : 1121480.1/20

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: 88.306+/-43.207 χ^2/NDF : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

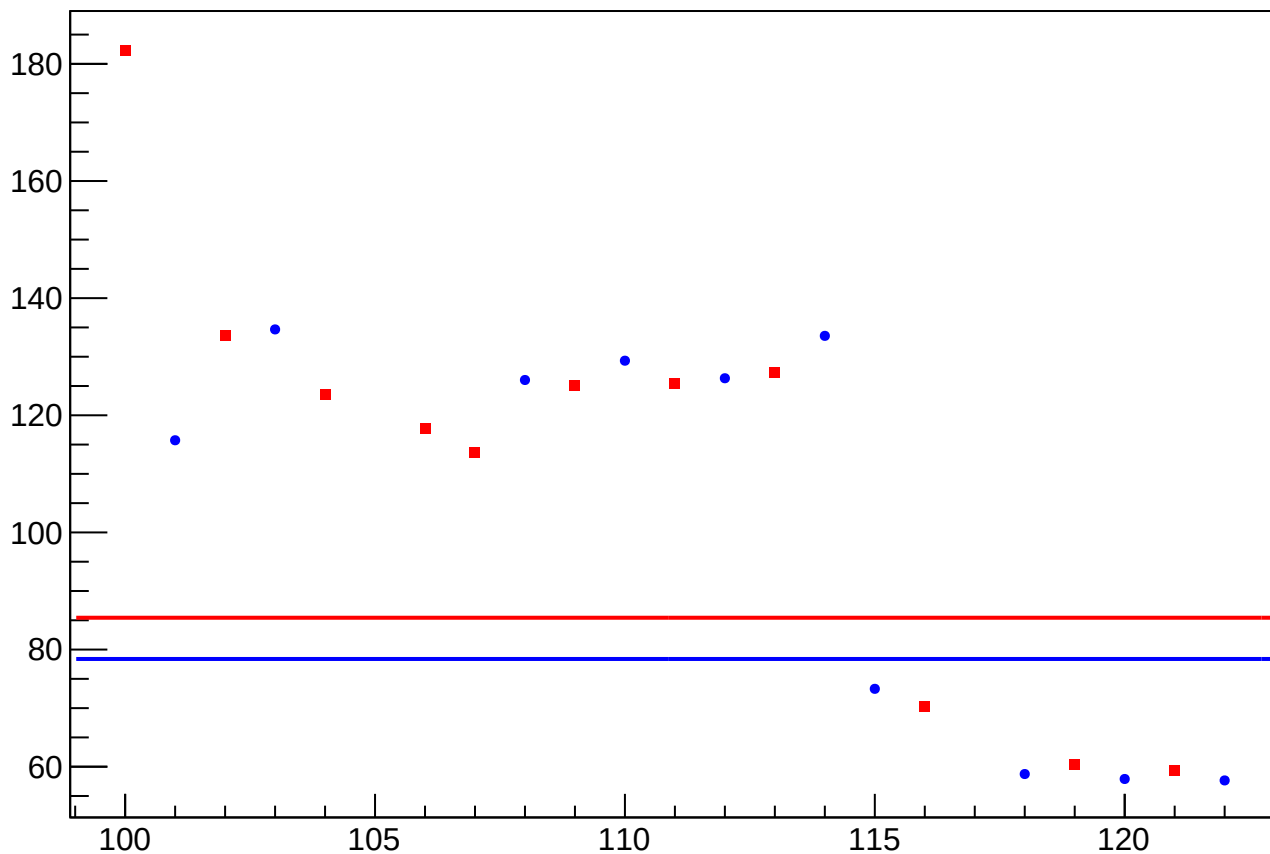
Right: 71.582+/-30.053 χ^2/NDF : 25.0/20

In: 55.907+/-41.829 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.582+/-30.053 χ^2/NDF : 25.0/20

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: 85.435+/-0.031 χ^2/NDF : 1067384.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

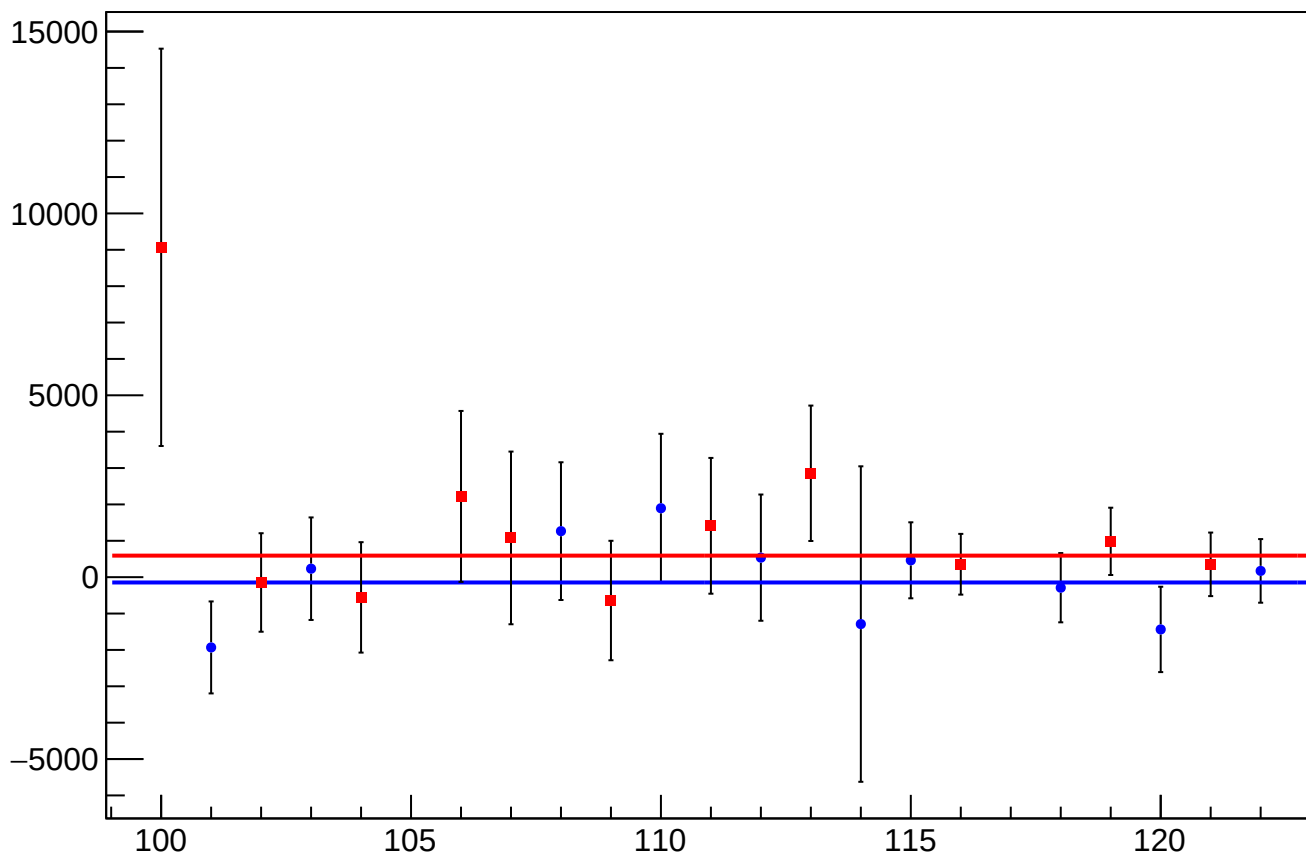
Right: 81.800+/-0.021 χ^2/NDF : 2159523.5/20

In: 78.394+/-0.030 χ^2/NDF : 1064720.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.800+/-0.021 χ^2/NDF : 2159523.5/20

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -145.868 $\pm$ 405.347 χ^2 /NDF: 5.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 592.334 $\pm$ 400.588 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

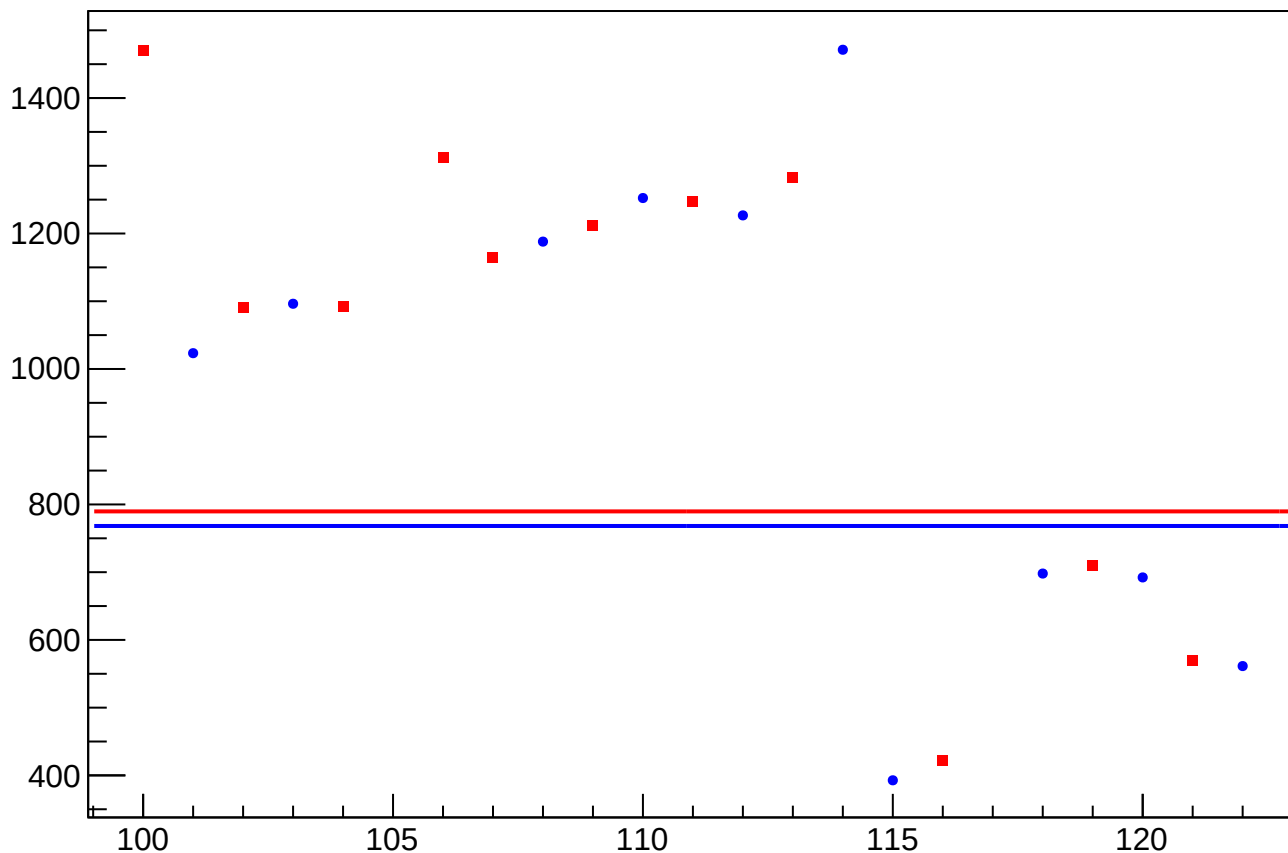
Right: 227.591 $\pm$ 284.926 χ^2 /NDF: 13.6/20

In: -145.868 $\pm$ 405.347 χ^2 /NDF:5.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 227.591 $\pm$ 284.926 χ^2 /NDF: 13.6/20

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: 789.739+/-0.283 χ^2/NDF : 1281438.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

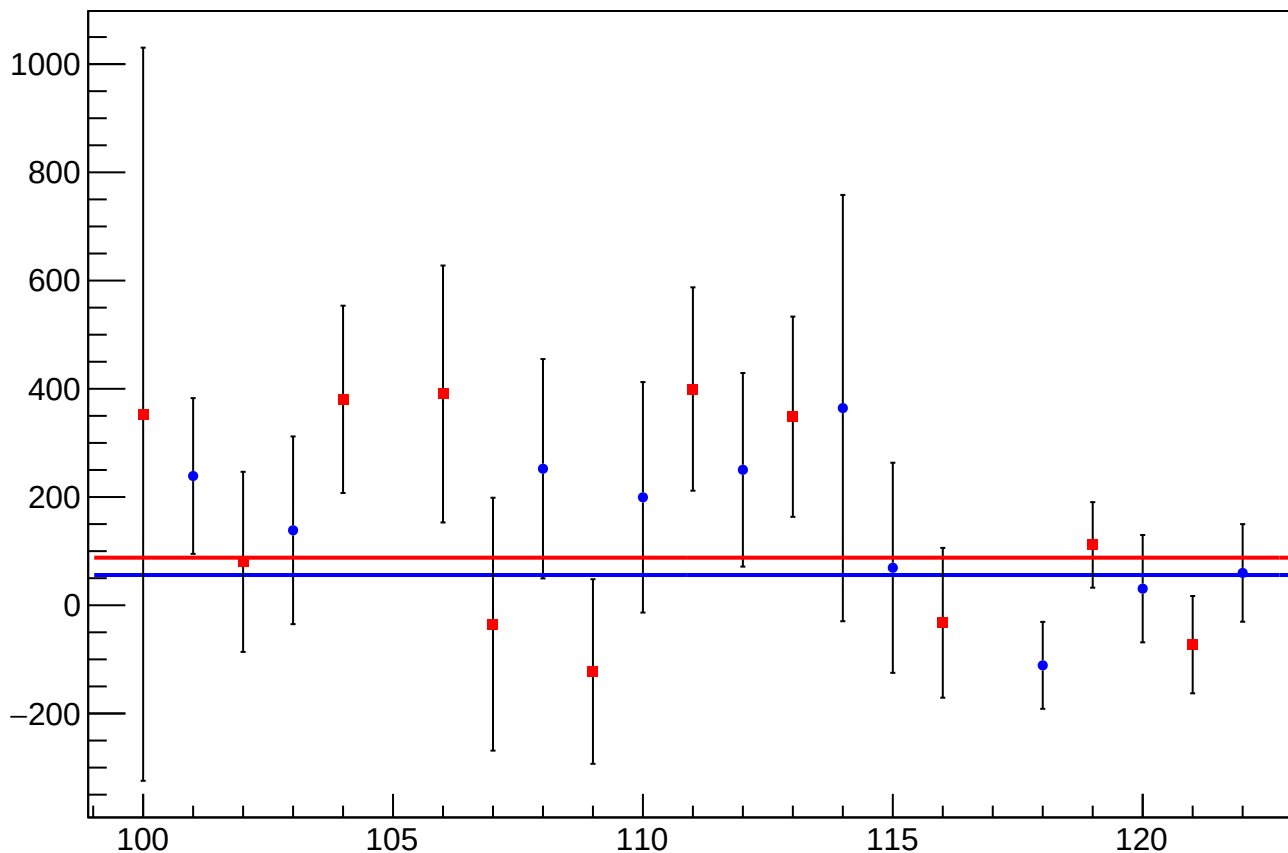
Right: 779.103+/-0.201 χ^2/NDF : 2266172.3/20

In: 768.213+/-0.287 χ^2/NDF : 981880.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.103+/-0.201 χ^2/NDF : 2266172.3/20

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: 87.919+/-43.210 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

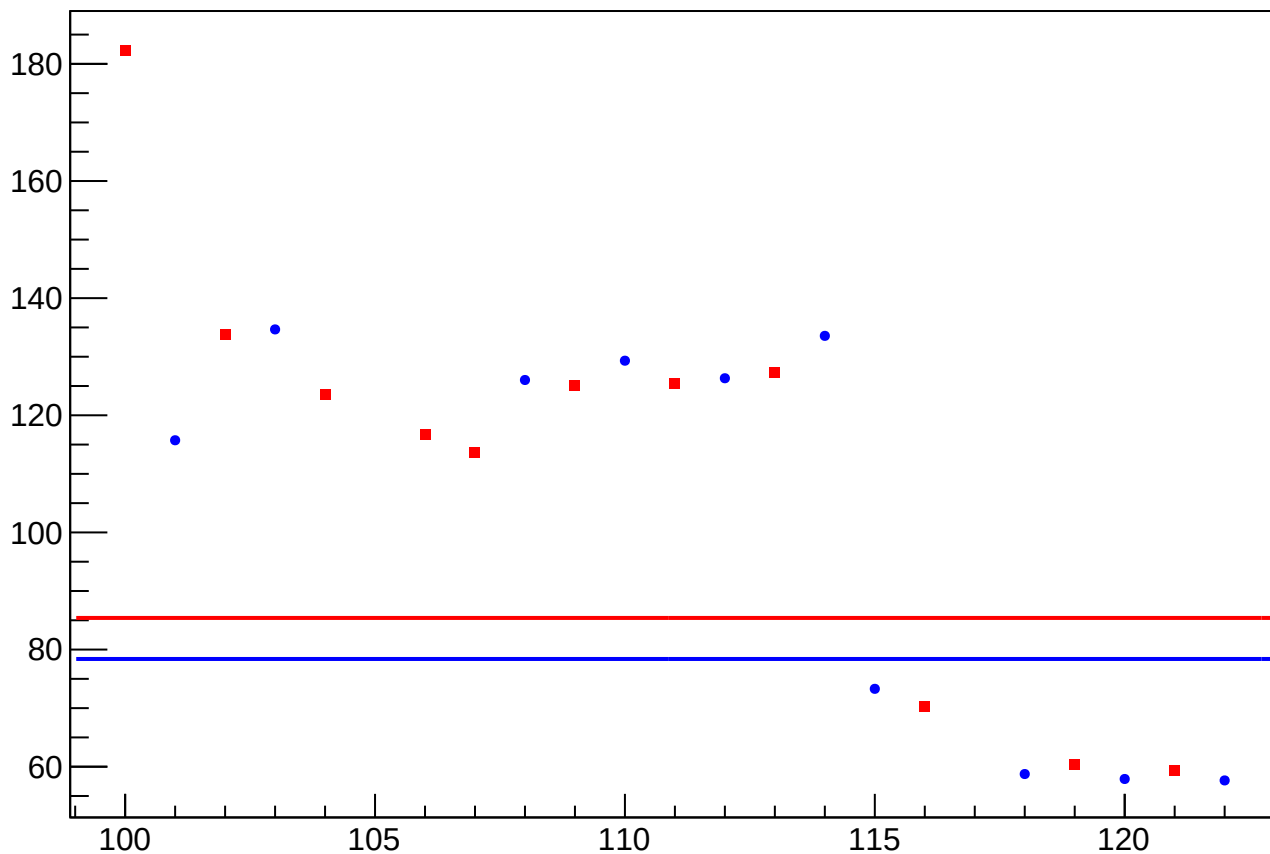
Right: 71.390+/-30.054 χ^2/NDF : 24.9/20

In: 55.900+/-41.829 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.390+/-30.054 χ^2/NDF : 24.9/20

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: 85.400+/-0.031 χ^2/NDF : 1065334.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

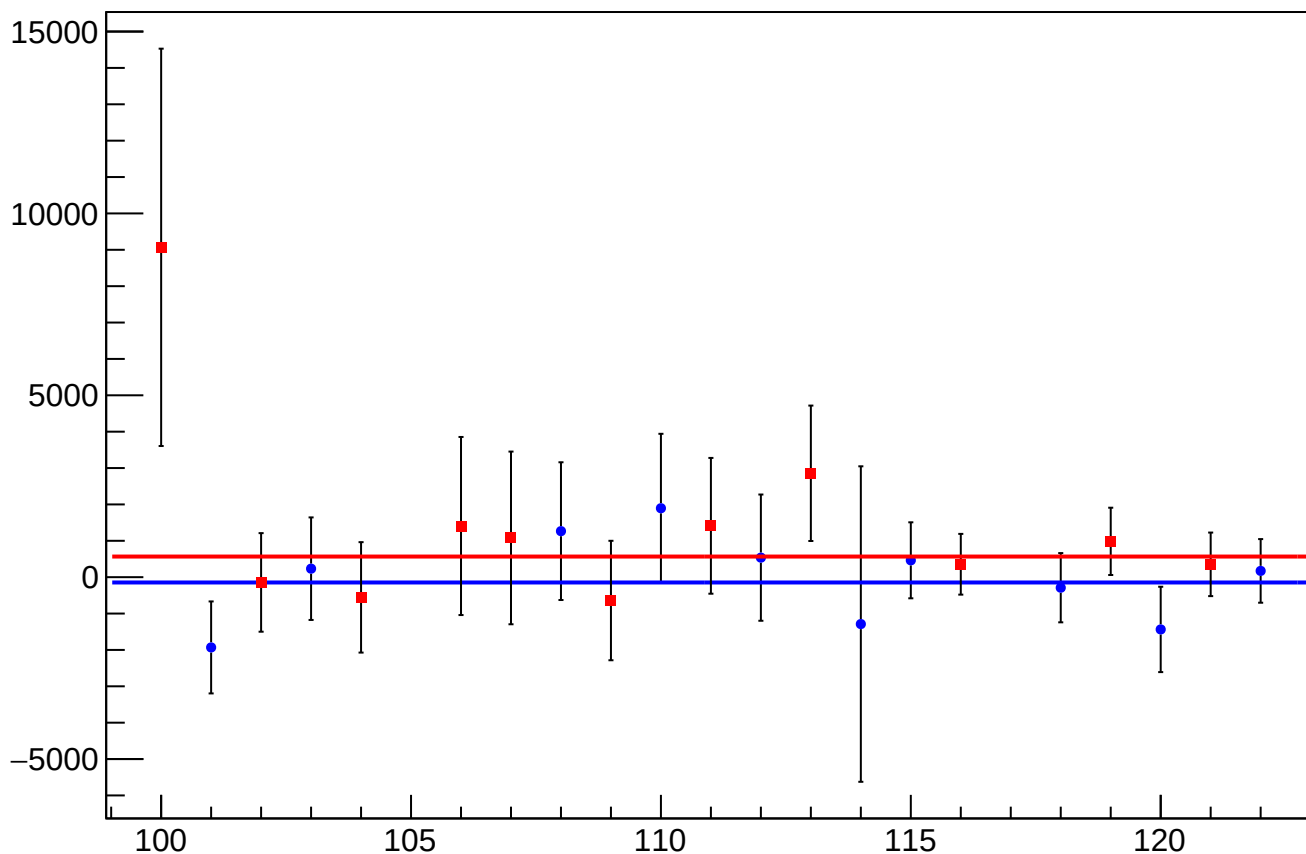
Right: 81.783+/-0.021 χ^2/NDF : 2157203.9/20

In: 78.394+/-0.030 χ^2/NDF : 1064722.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.783+/-0.021 χ^2/NDF : 2157203.9/20

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: 567.059+/-401.072 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

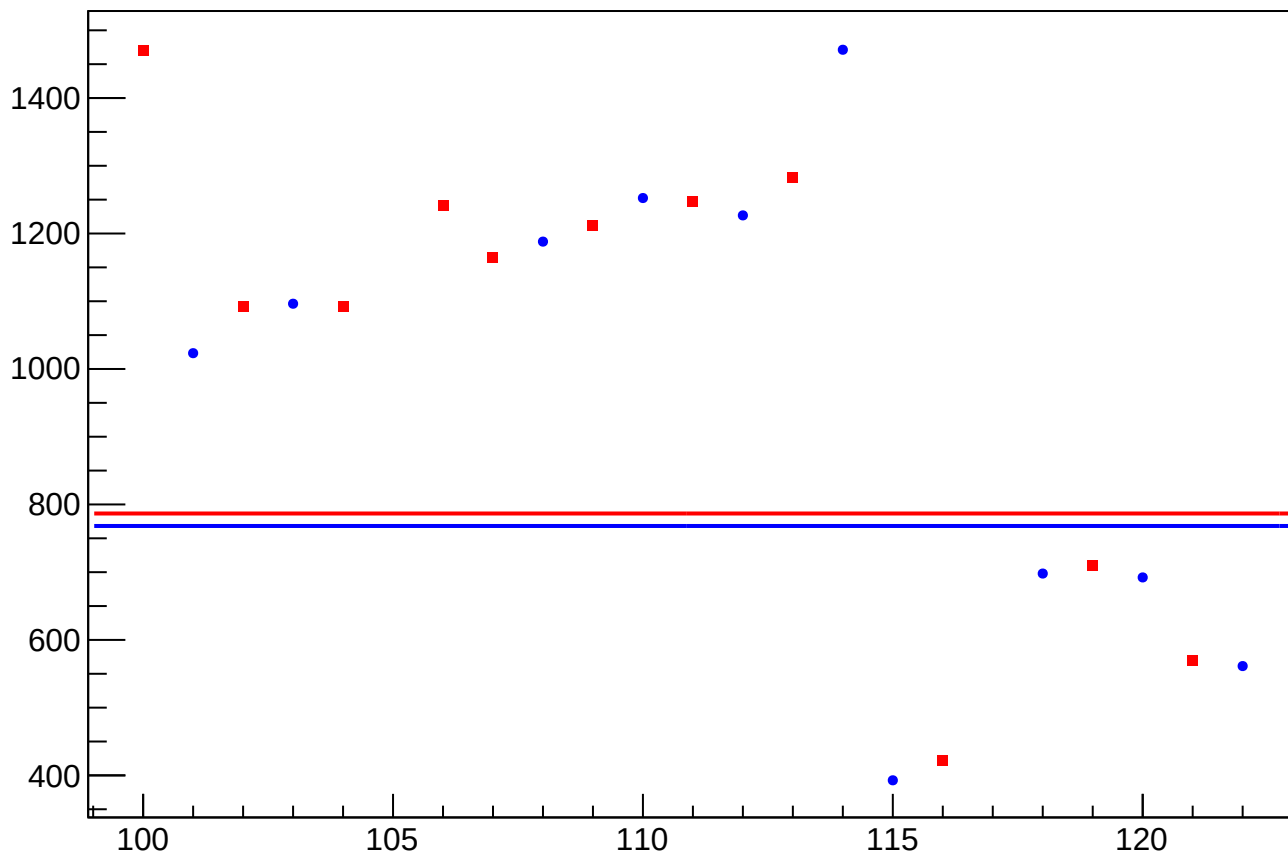
Right: 214.400+/-285.101 χ^2/NDF : 13.1/20

In: -145.819+/-405.348 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.400+/-285.101 χ^2/NDF : 13.1/20

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: 786.638+/-0.284 χ^2/NDF : 1250484.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

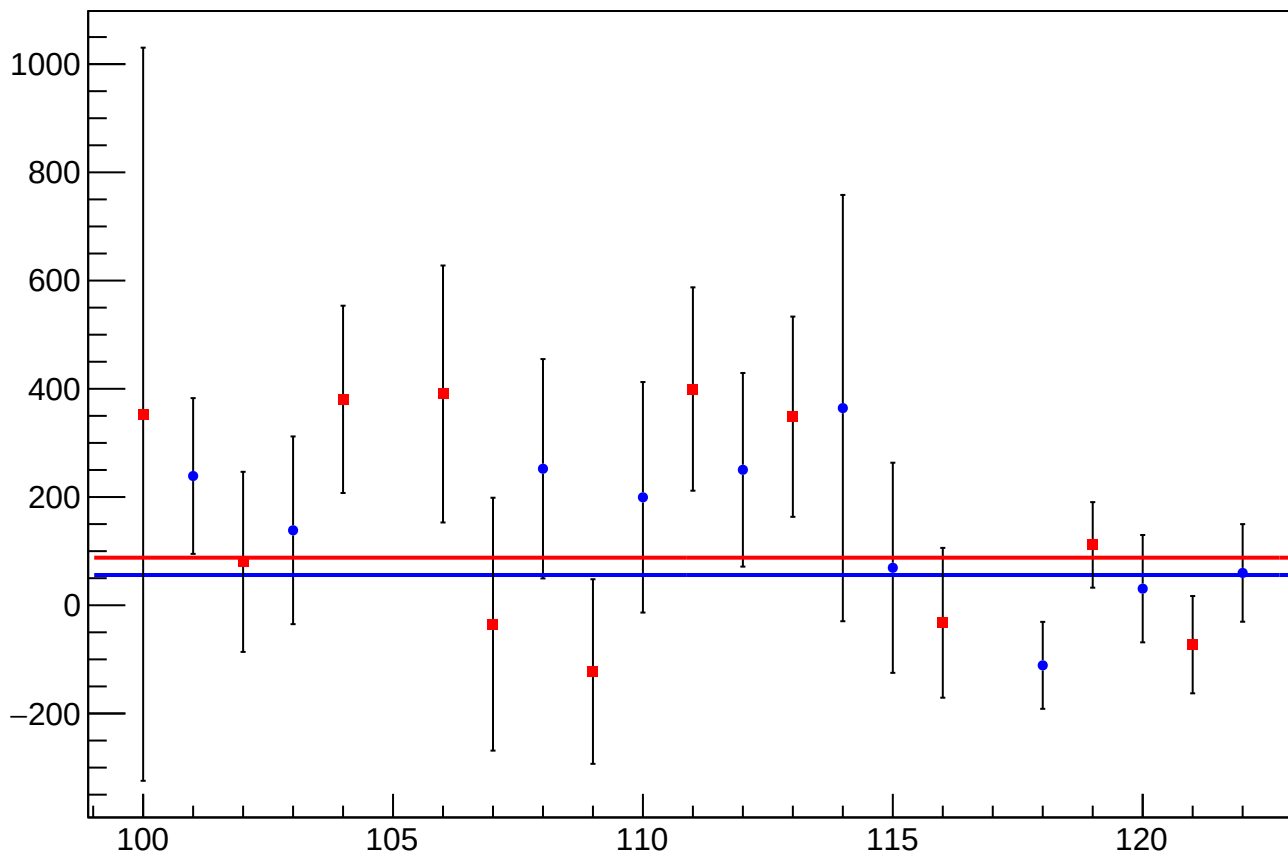
Right: 777.524+/-0.202 χ^2/NDF : 2234486.6/20

In: 768.214+/-0.287 χ^2/NDF : 981914.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.524+/-0.202 χ^2/NDF : 2234486.6/20

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: 87.919+/-43.210 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

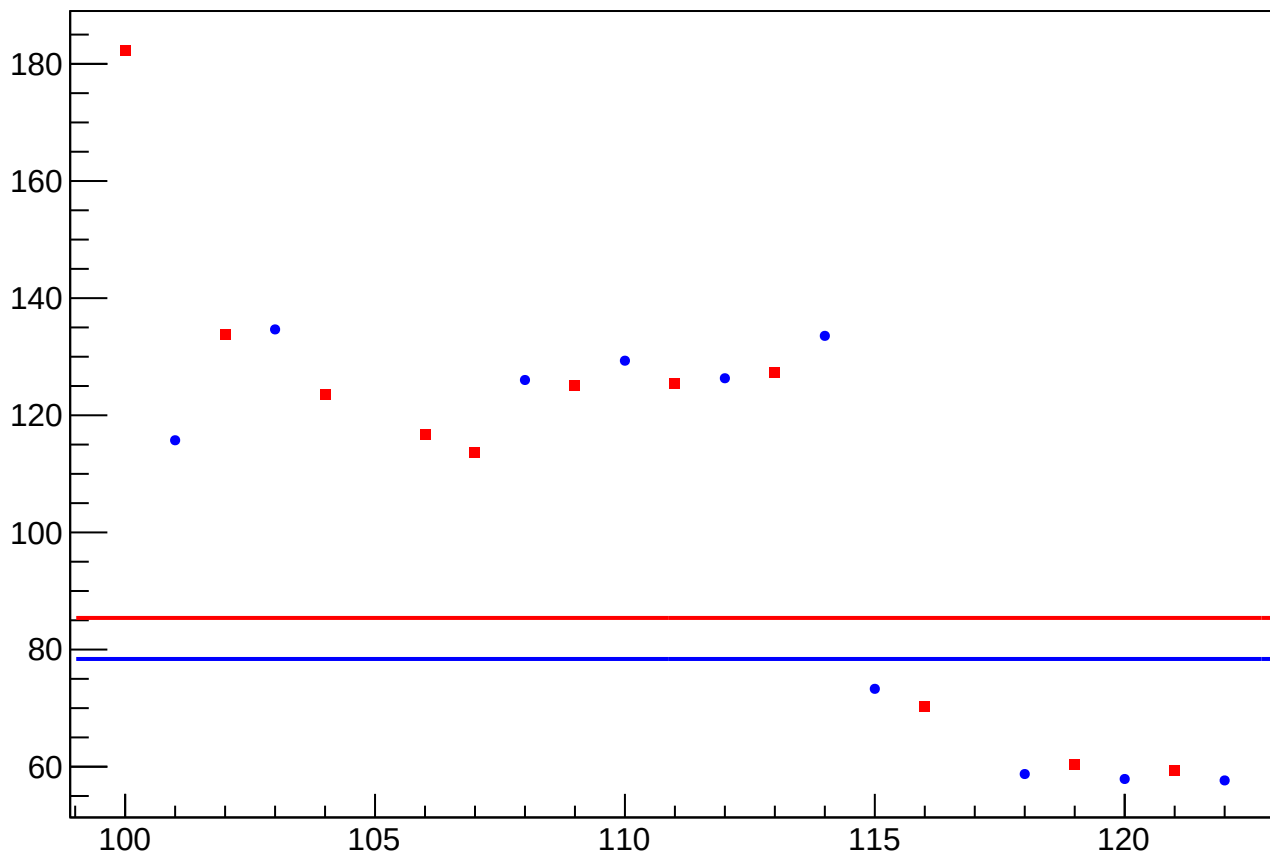
Right: 71.390+/-30.054 χ^2/NDF : 24.9/20

In: 55.900+/-41.829 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.390+/-30.054 χ^2/NDF : 24.9/20

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: 85.400+/-0.031 χ^2/NDF : 1065334.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

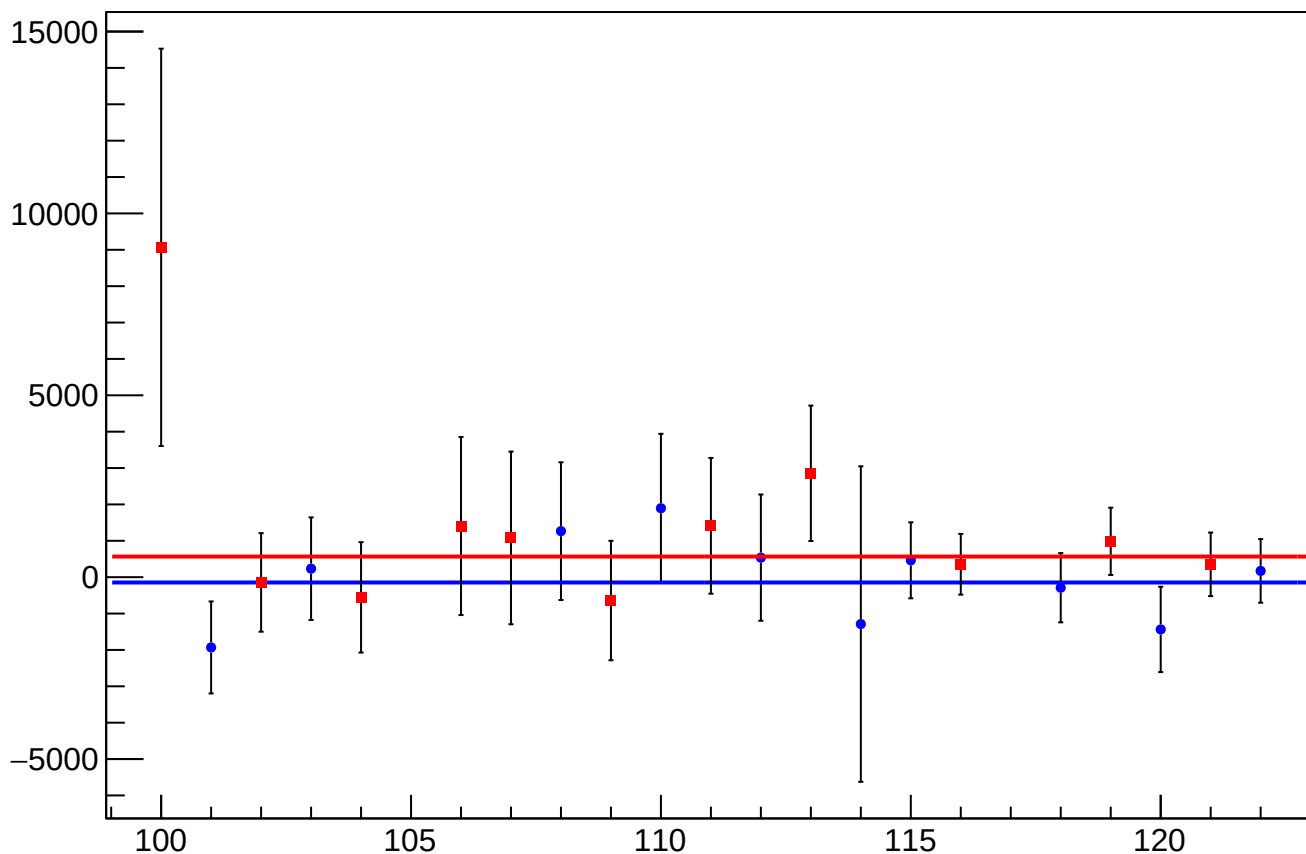
Right: 81.783+/-0.021 χ^2/NDF : 2157203.9/20

In: 78.394+/-0.030 χ^2/NDF : 1064722.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.783+/-0.021 χ^2/NDF : 2157203.9/20

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: 567.059+/-401.072 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

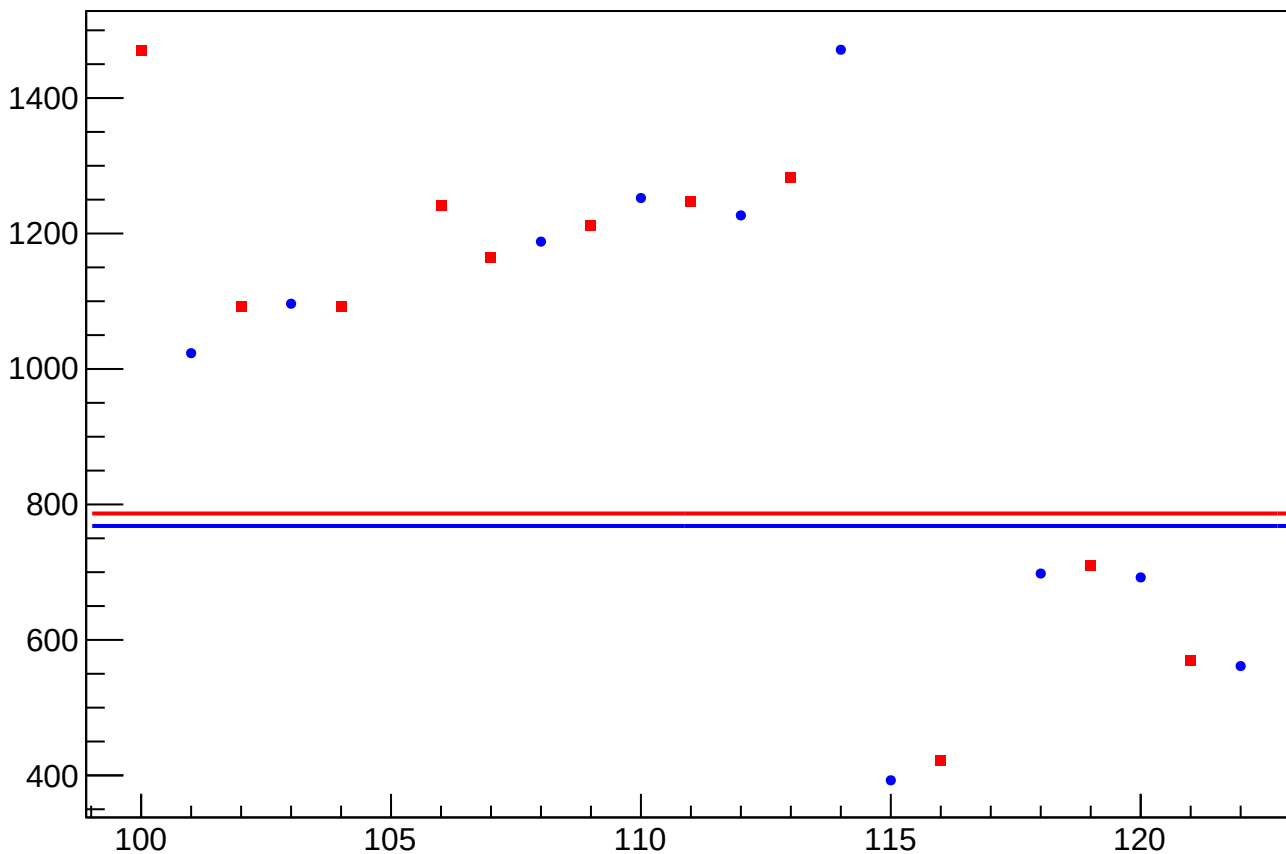
Right: 214.400+/-285.101 χ^2/NDF : 13.1/20

In: -145.819+/-405.348 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.400+/-285.101 χ^2/NDF : 13.1/20

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: 786.638+/-0.284 χ^2/NDF : 1250484.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

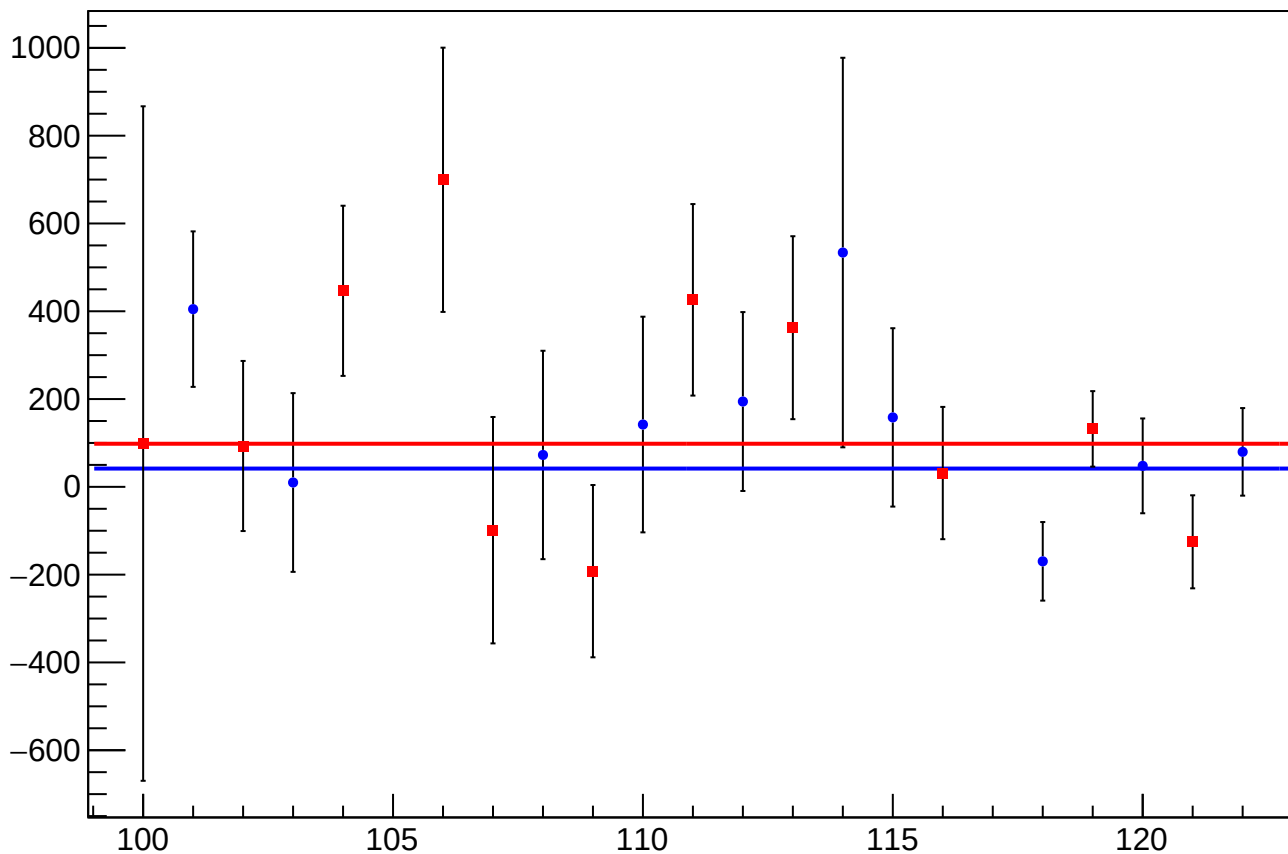
Right: 777.524+/-0.202 χ^2/NDF : 2234486.6/20

In: 768.214+/-0.287 χ^2/NDF : 981914.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.524+/-0.202 χ^2/NDF : 2234486.6/20

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 41.652+/-46.893 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.187+/-48.836 χ^2/NDF : 18.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

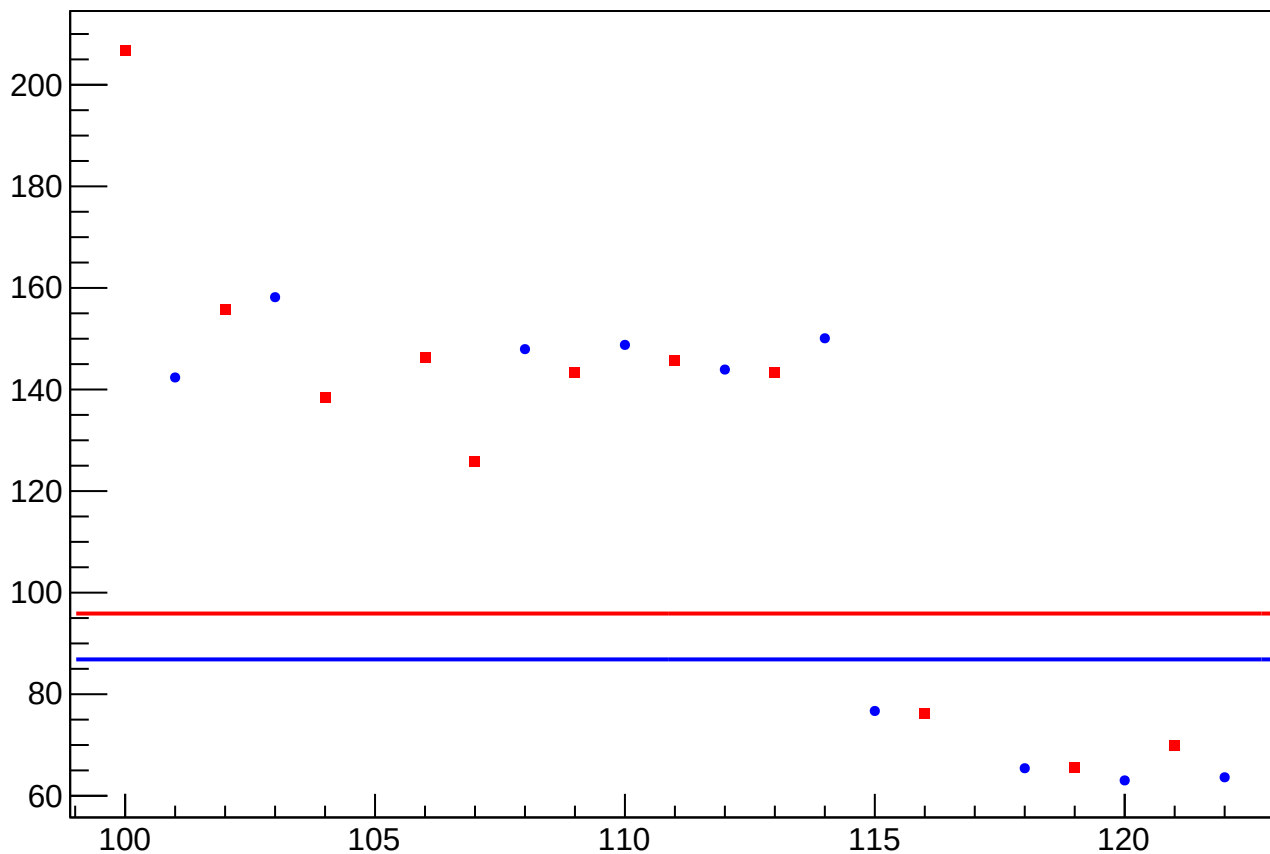
Right: 68.773+/-33.824 χ^2/NDF : 31.6/20

In: 41.652+/-46.893 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.773+/-33.824 χ^2/NDF : 31.6/20

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: 95.889+/-0.035 χ^2/NDF : 1140258.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

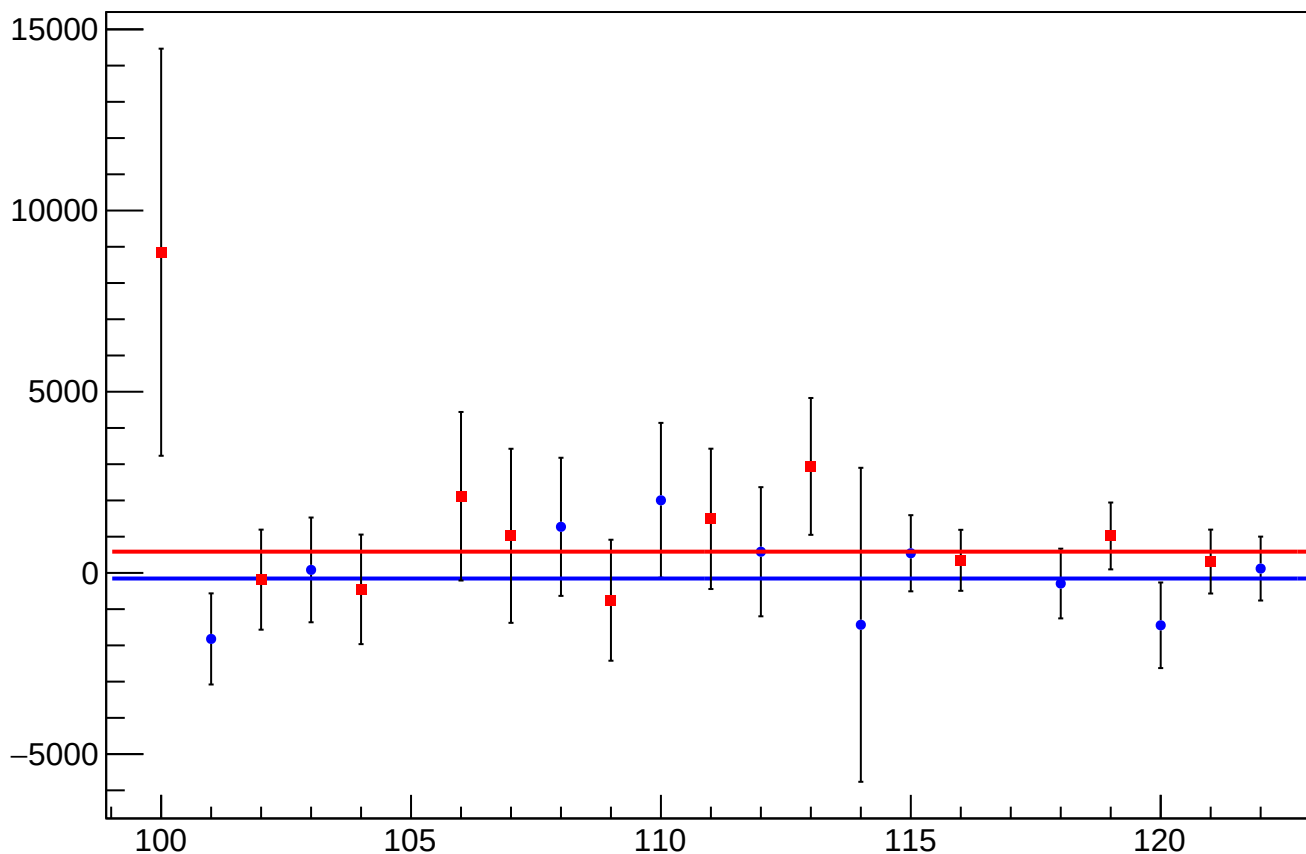
Right: 91.190+/-0.024 χ^2/NDF : 2400136.5/20

In: 86.857+/-0.033 χ^2/NDF : 1224284.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.190+/-0.024 χ^2/NDF : 2400136.5/20

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: 586.655+/-403.816 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

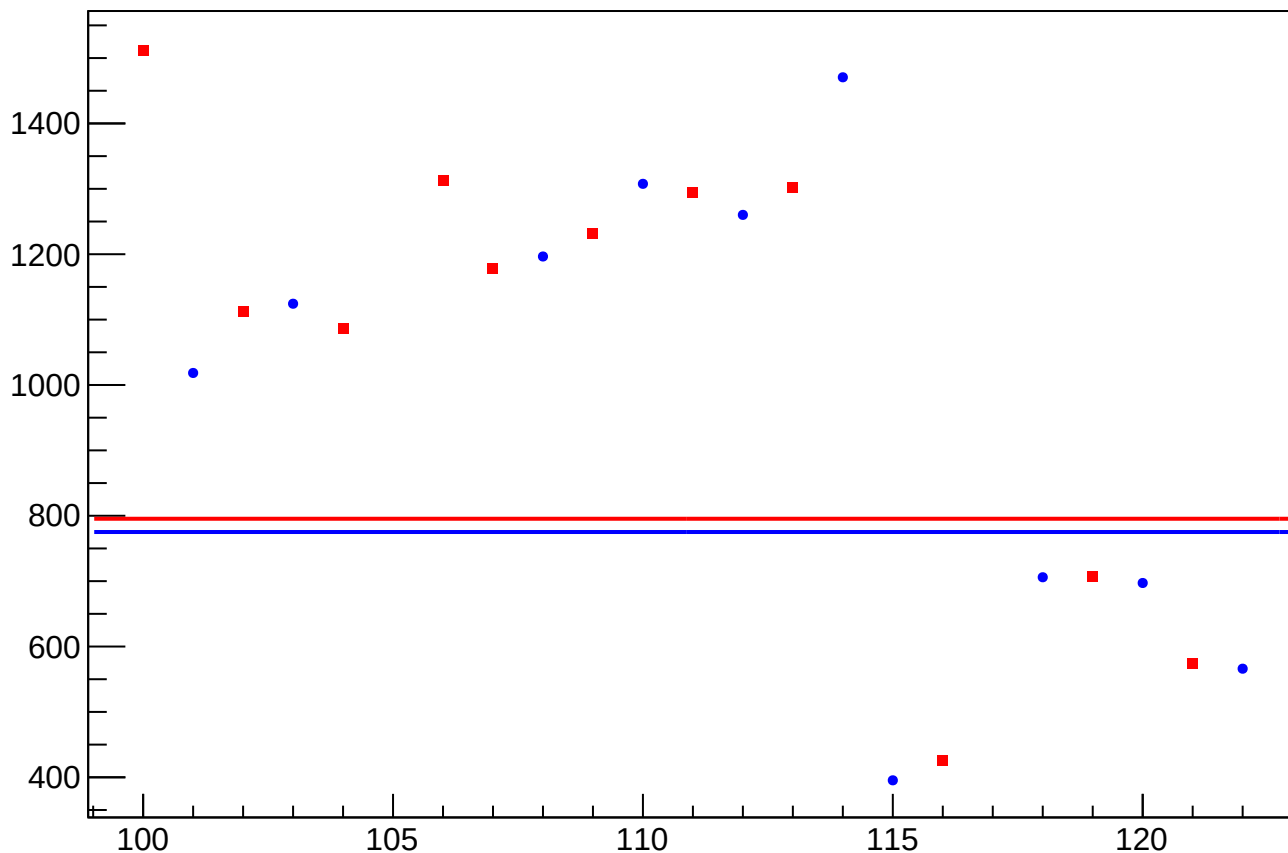
Right: 221.165+/-287.526 χ^2/NDF : 13.3/20

In: -154.666+/-409.489 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.165+/-287.526 χ^2/NDF : 13.3/20

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: 795.428+/-0.286 χ^2/NDF : 1306534.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

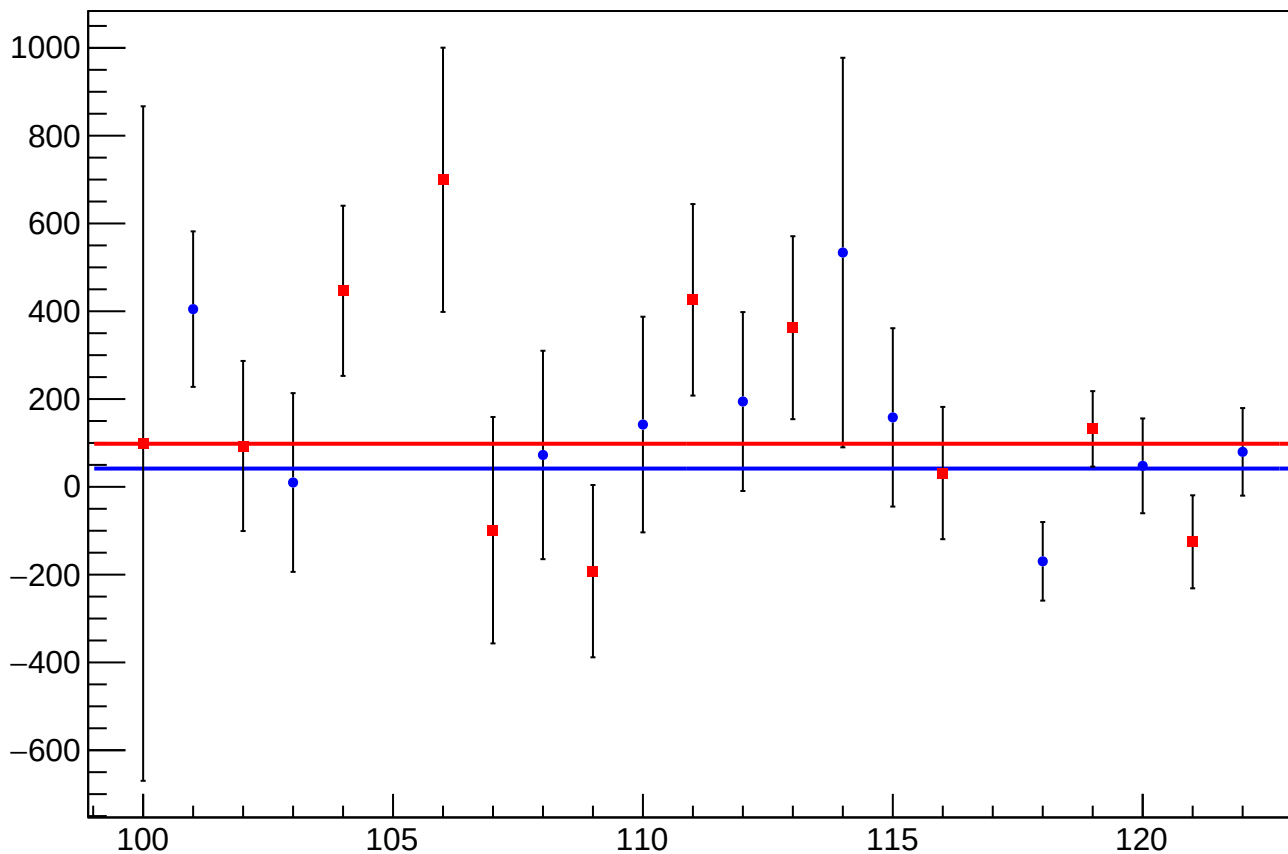
Right: 785.429+/-0.203 χ^2/NDF : 2315046.3/20

In: 775.146+/-0.290 χ^2/NDF : 1006024.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.429+/-0.203 χ^2/NDF : 2315046.3/20

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: 98.186+/-48.836 χ^2/NDF : 18.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

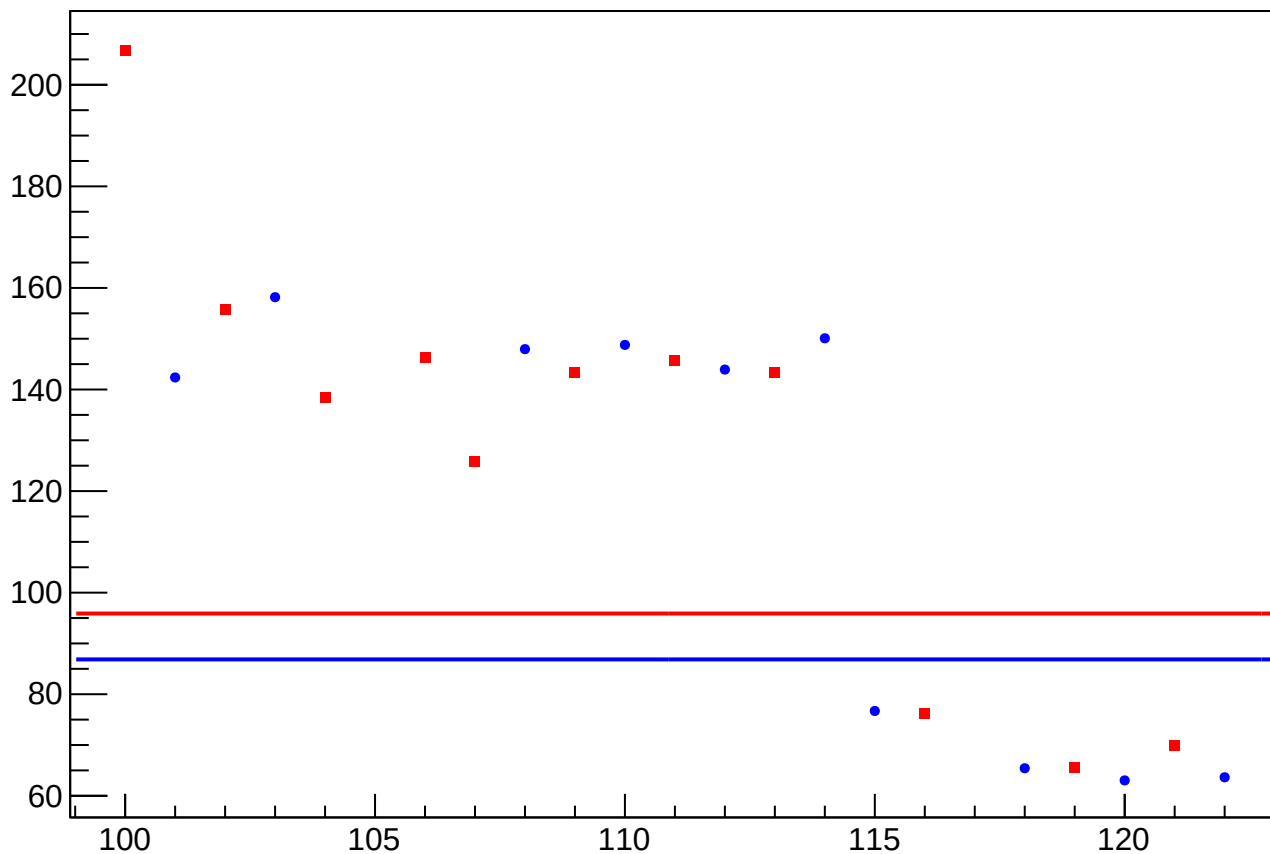
Right: 68.773+/-33.824 χ^2/NDF : 31.6/20

In: 41.654+/-46.893 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.773+/-33.824 χ^2/NDF : 31.6/20

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: 95.889+/-0.035 χ^2/NDF : 1140247.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

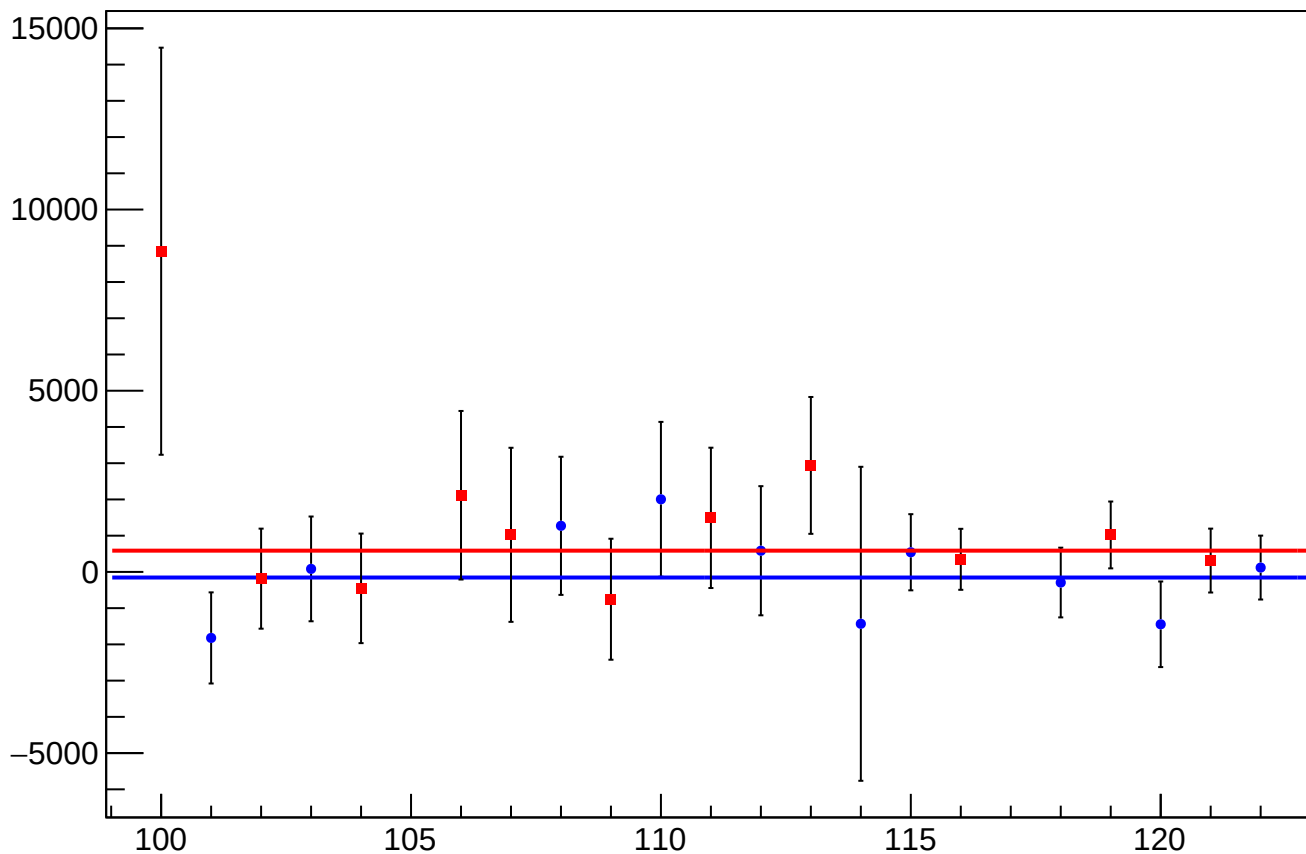
Right: 91.190+/-0.024 χ^2/NDF : 2400111.2/20

In: 86.857+/-0.033 χ^2/NDF : 1224270.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.190+/-0.024 χ^2/NDF : 2400111.2/20

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: 586.655+/-403.816 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

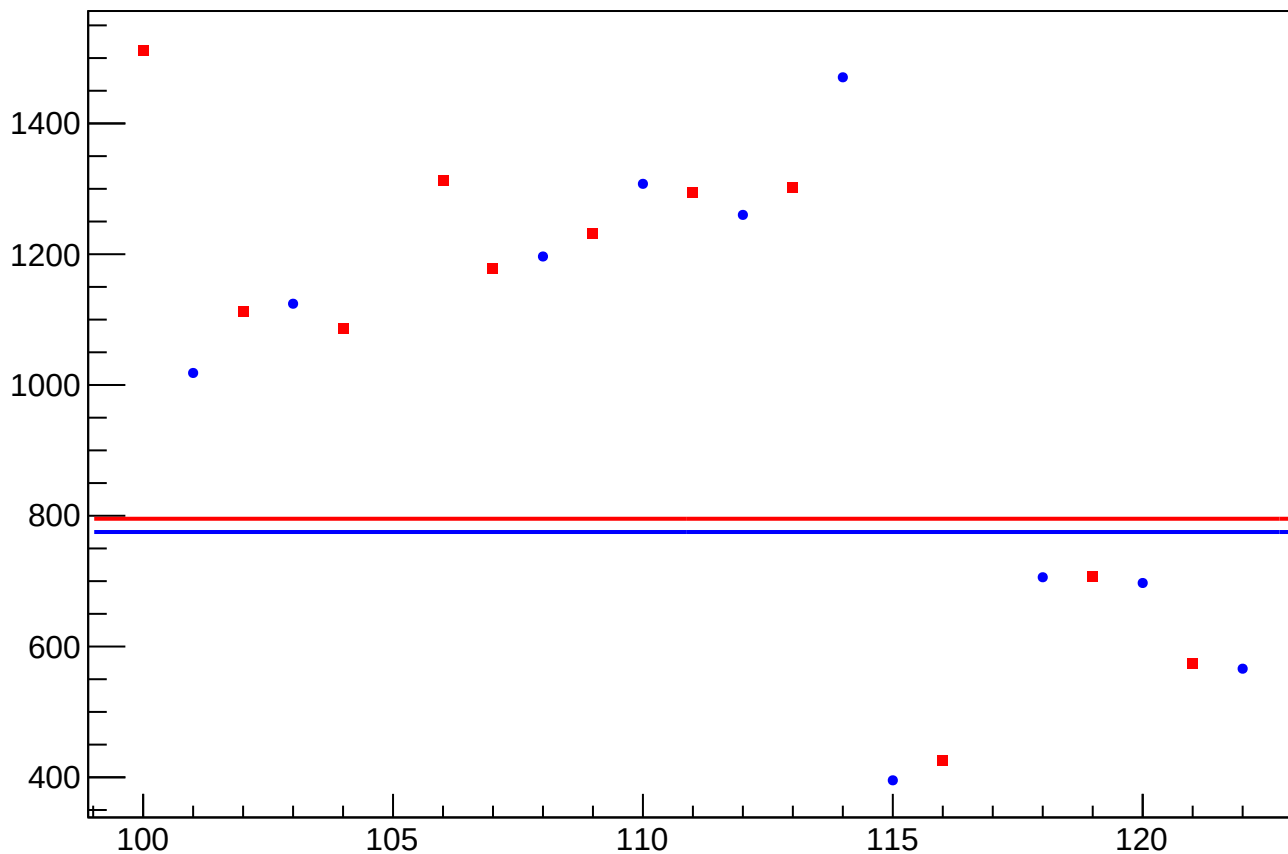
Right: 221.165+/-287.526 χ^2/NDF : 13.3/20

In: -154.665+/-409.489 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.165+/-287.526 χ^2/NDF : 13.3/20

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: 795.428+/-0.286 χ^2/NDF : 1306520.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

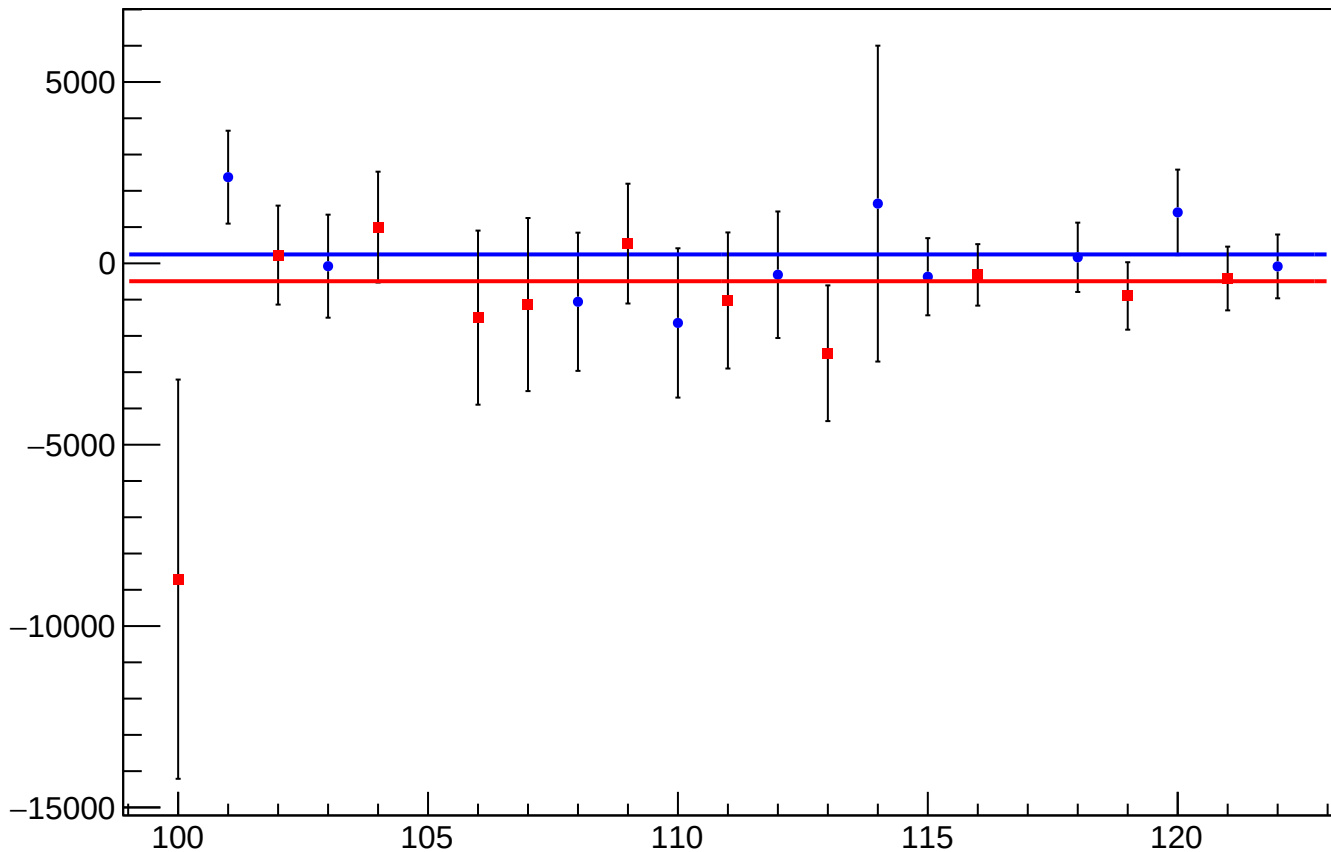
Right: 785.429+/-0.203 χ^2/NDF : 2315019.0/20

In: 775.146+/-0.290 χ^2/NDF : 1006010.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.429+/-0.203 χ^2/NDF : 2315019.0/20

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: -492.419+/-403.952 χ^2/NDF : 5.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

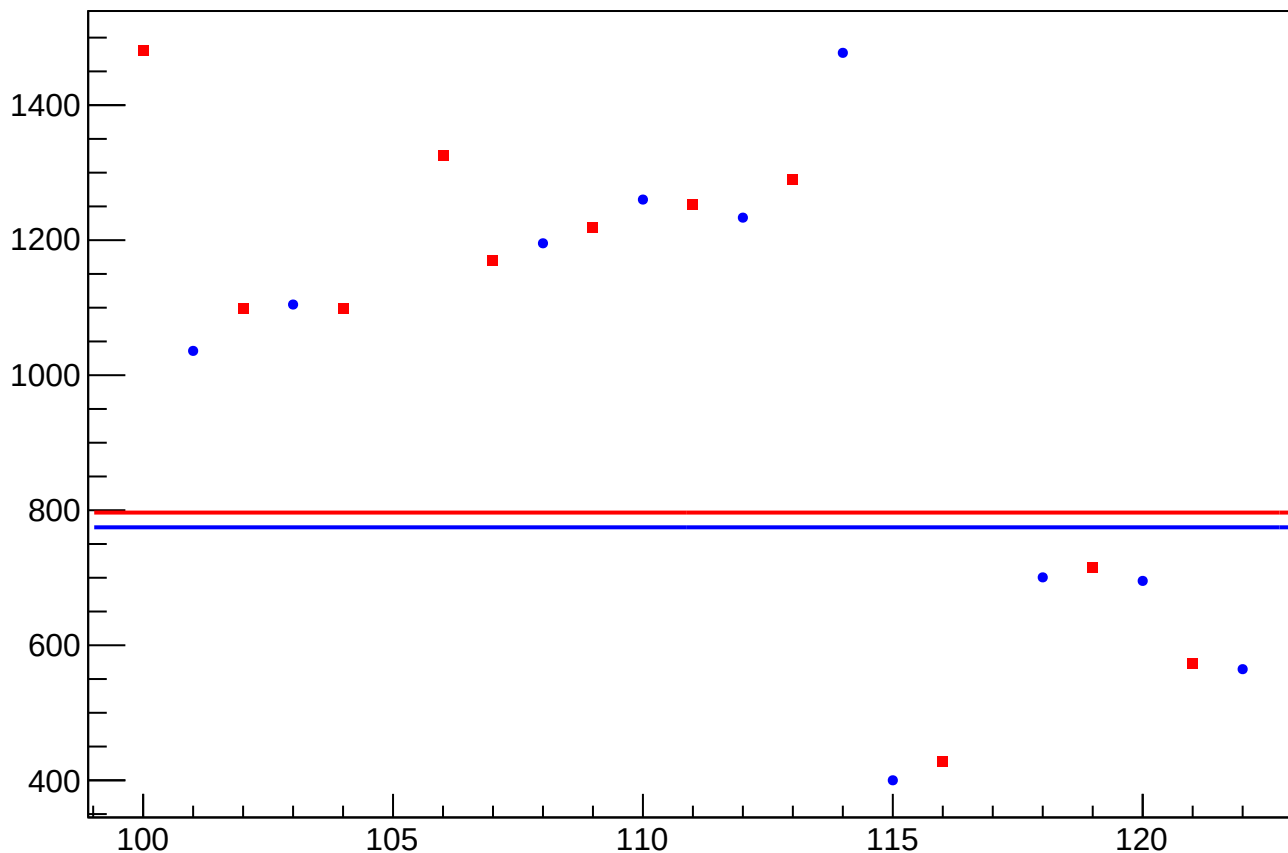
Right: -127.192+/-287.254 χ^2/NDF : 13.0/20

In: 246.420+/-408.563 χ^2/NDF : 5.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -127.192+/-287.254 χ^2/NDF : 13.0/20

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: 796.541+/-0.286 χ^2/NDF : 1265531.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

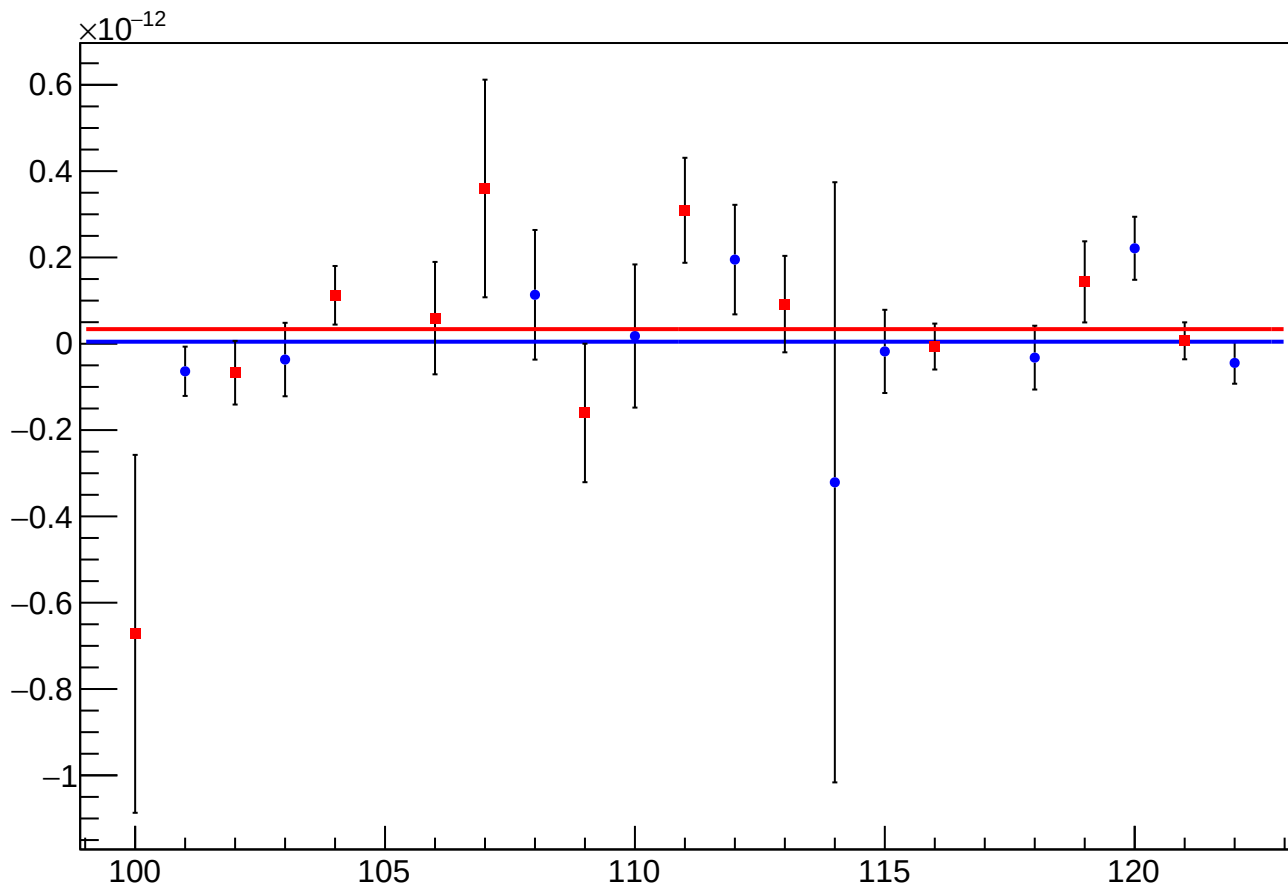
Right: 785.748+/-0.203 χ^2/NDF : 2242158.1/20

In: 774.708+/-0.289 χ^2/NDF : 973738.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.748+/-0.203 χ^2/NDF : 2242158.1/20

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 : 17.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

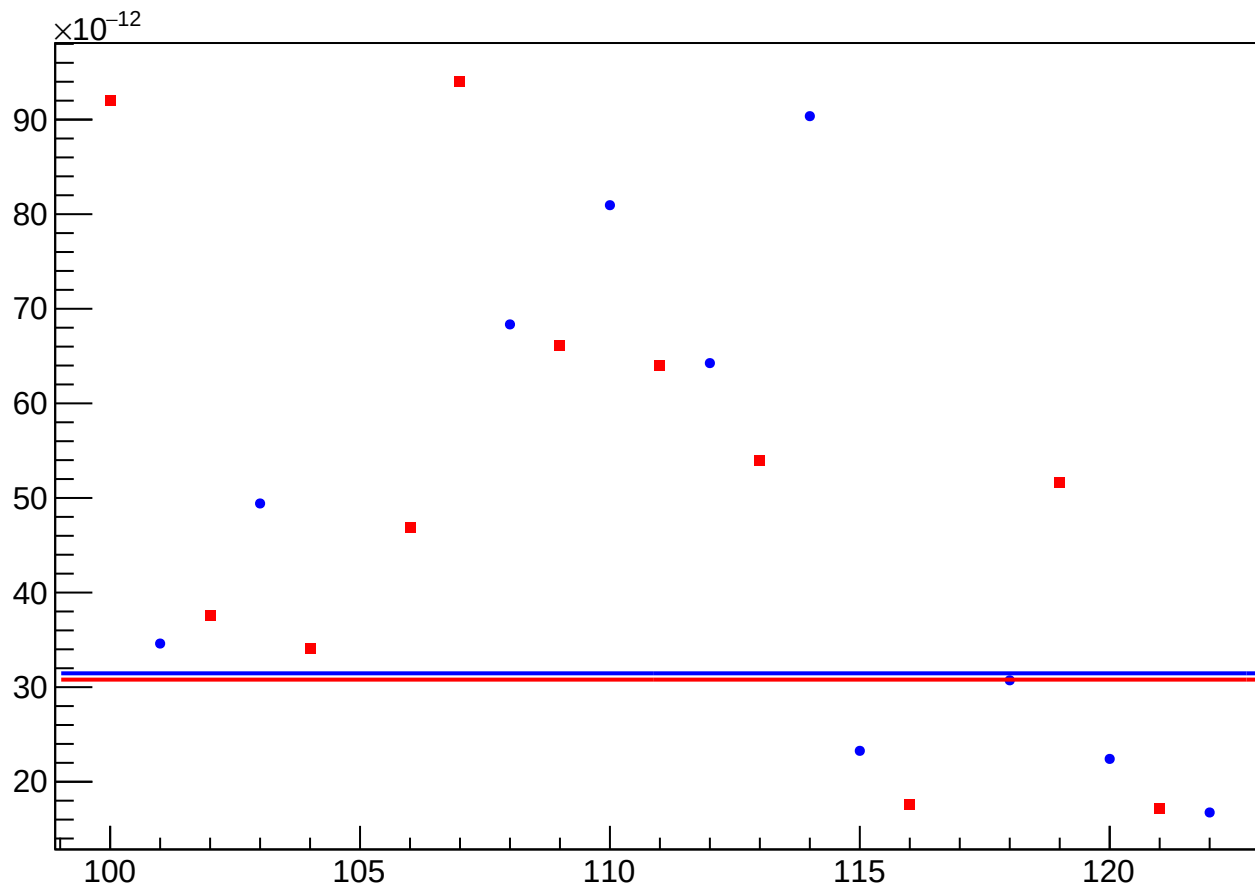
Right: 0.000+/-0.000 χ^2/NDF : 32.5/20

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 : 32.5/20

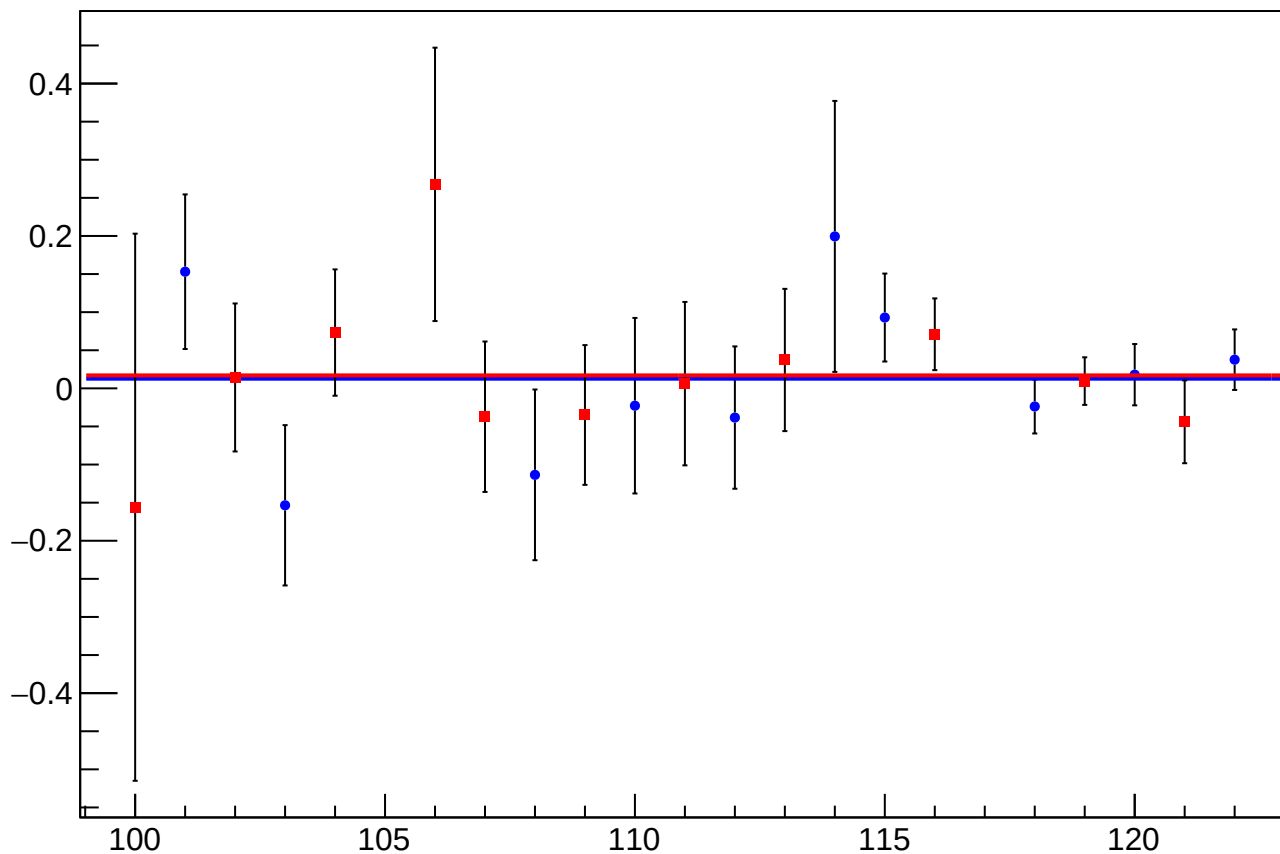
asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 976892.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1750562.6/20
 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 : 1750562.6/20

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: 0.017+/-0.020 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

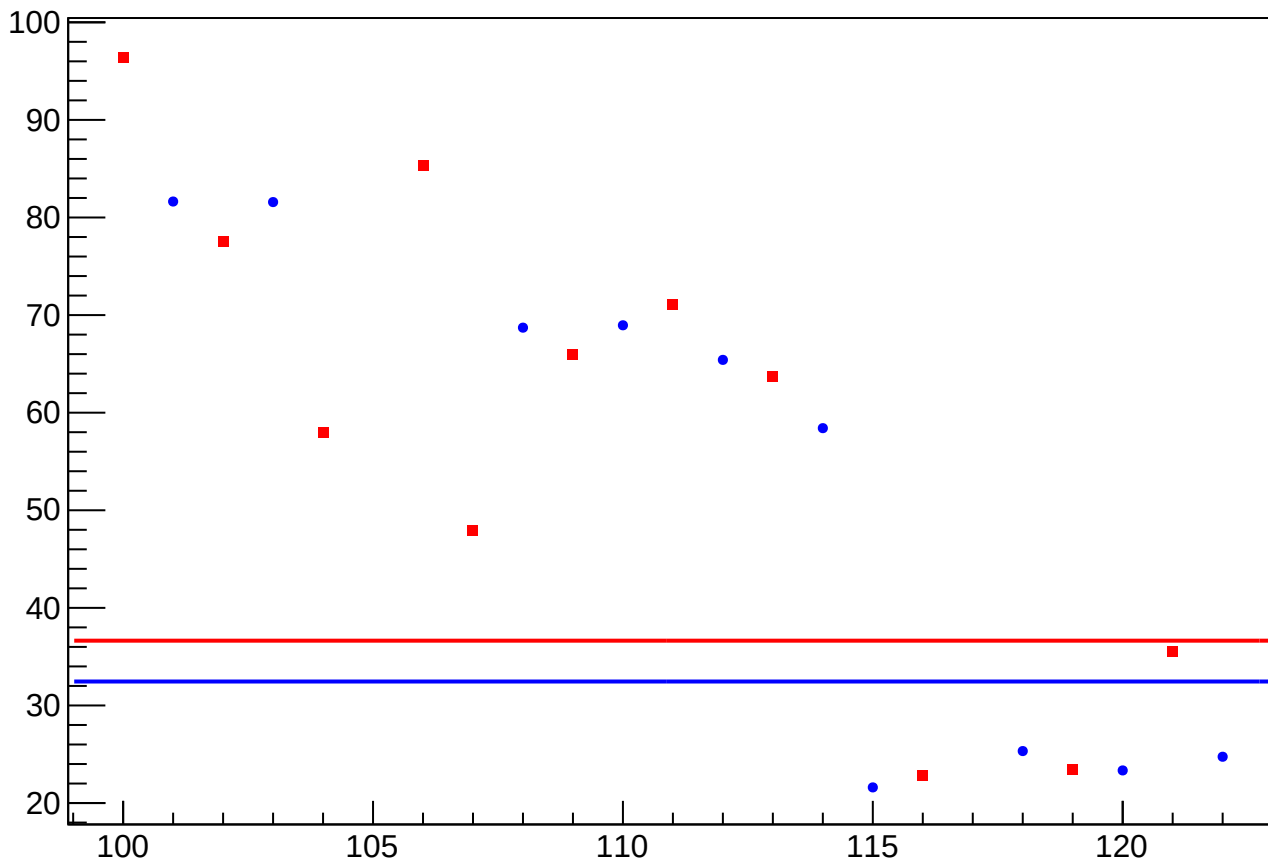
Right: 0.015+/-0.014 χ^2/NDF : 16.6/20

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.014 χ^2/NDF : 16.6/20

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: 36.639+/-0.014 χ^2/NDF : 1825427.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

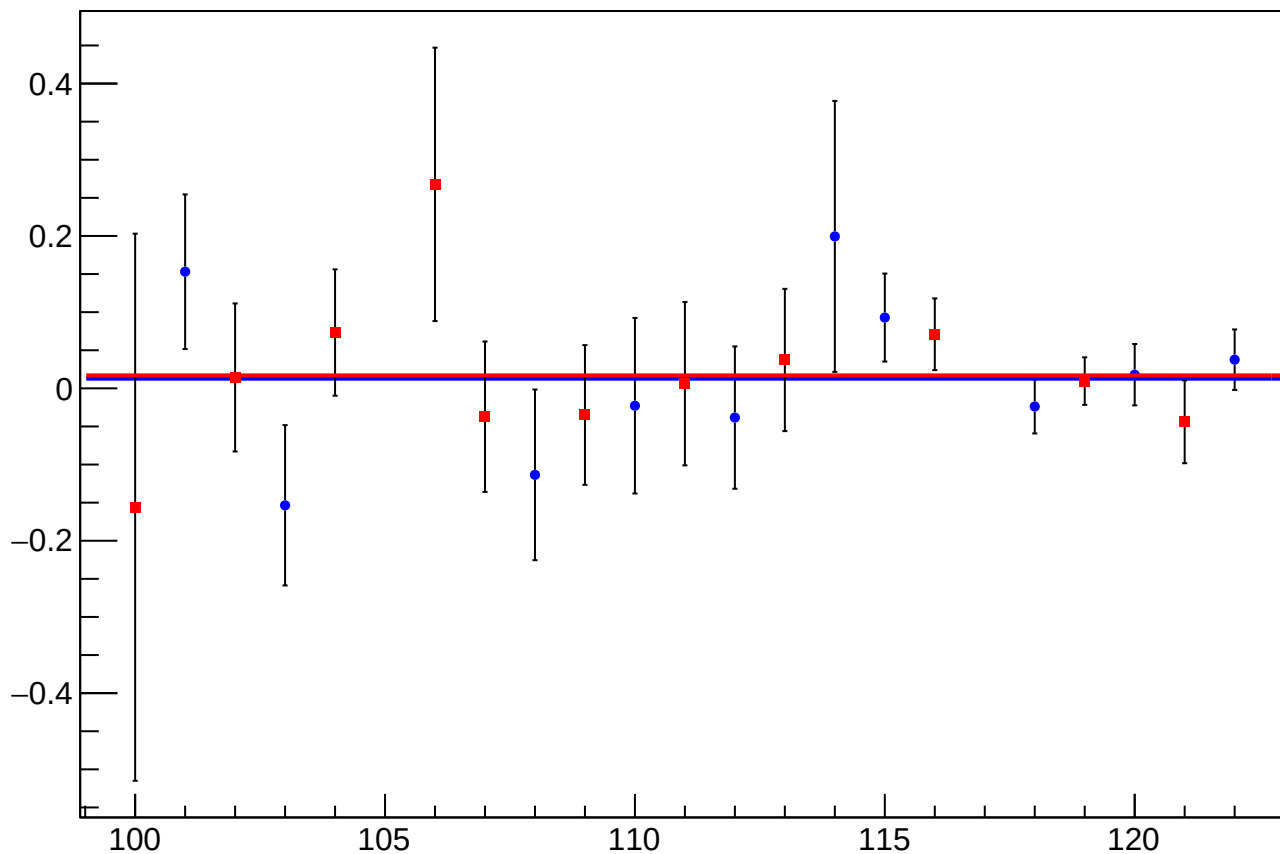
Right: 34.426+/-0.010 χ^2/NDF : 3810174.6/20

In: 32.454+/-0.013 χ^2/NDF : 1937903.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.426+/-0.010 χ^2/NDF : 3810174.6/20

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: 0.017+/-0.020 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

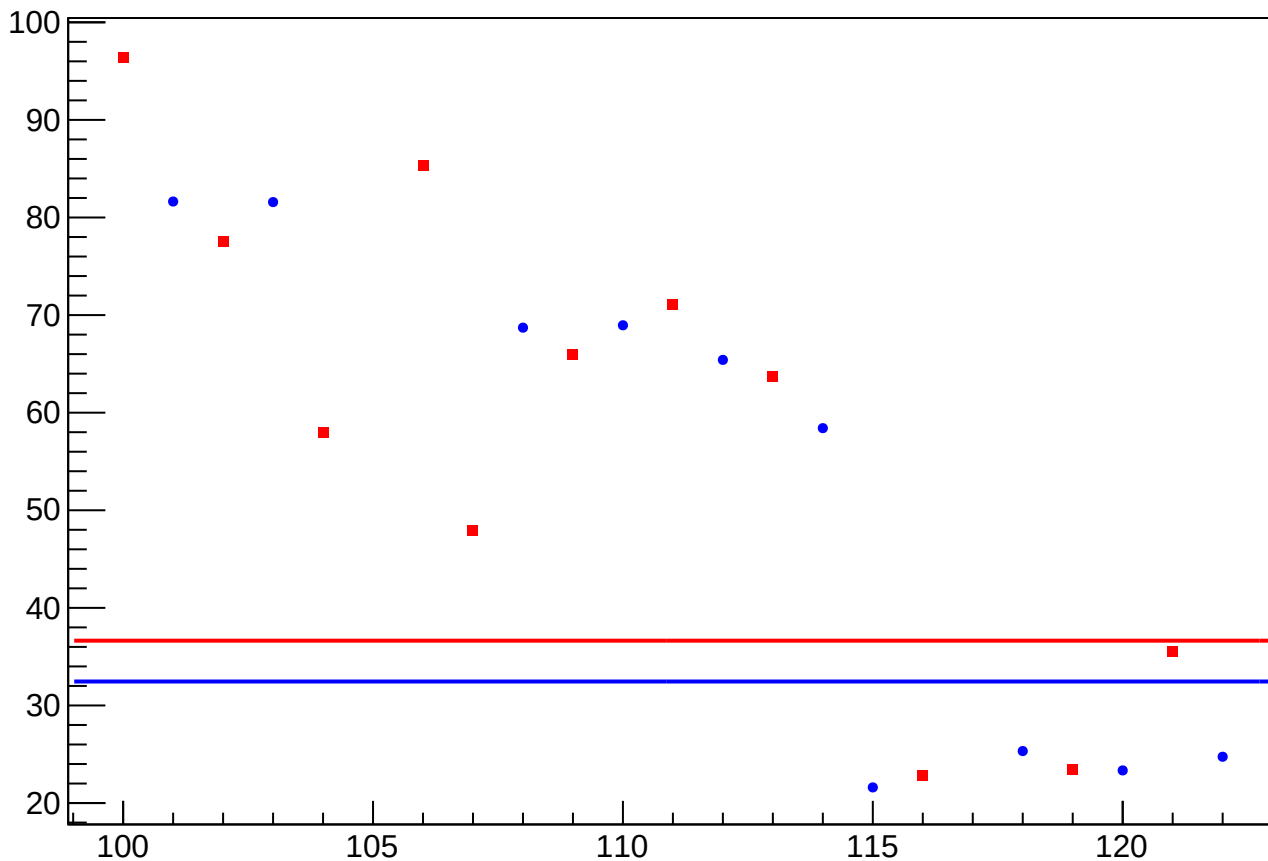
Right: 0.015+/-0.014 χ^2/NDF : 16.6/20

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.014 χ^2/NDF : 16.6/20

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: 36.639+/-0.014 χ^2/NDF : 1825427.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

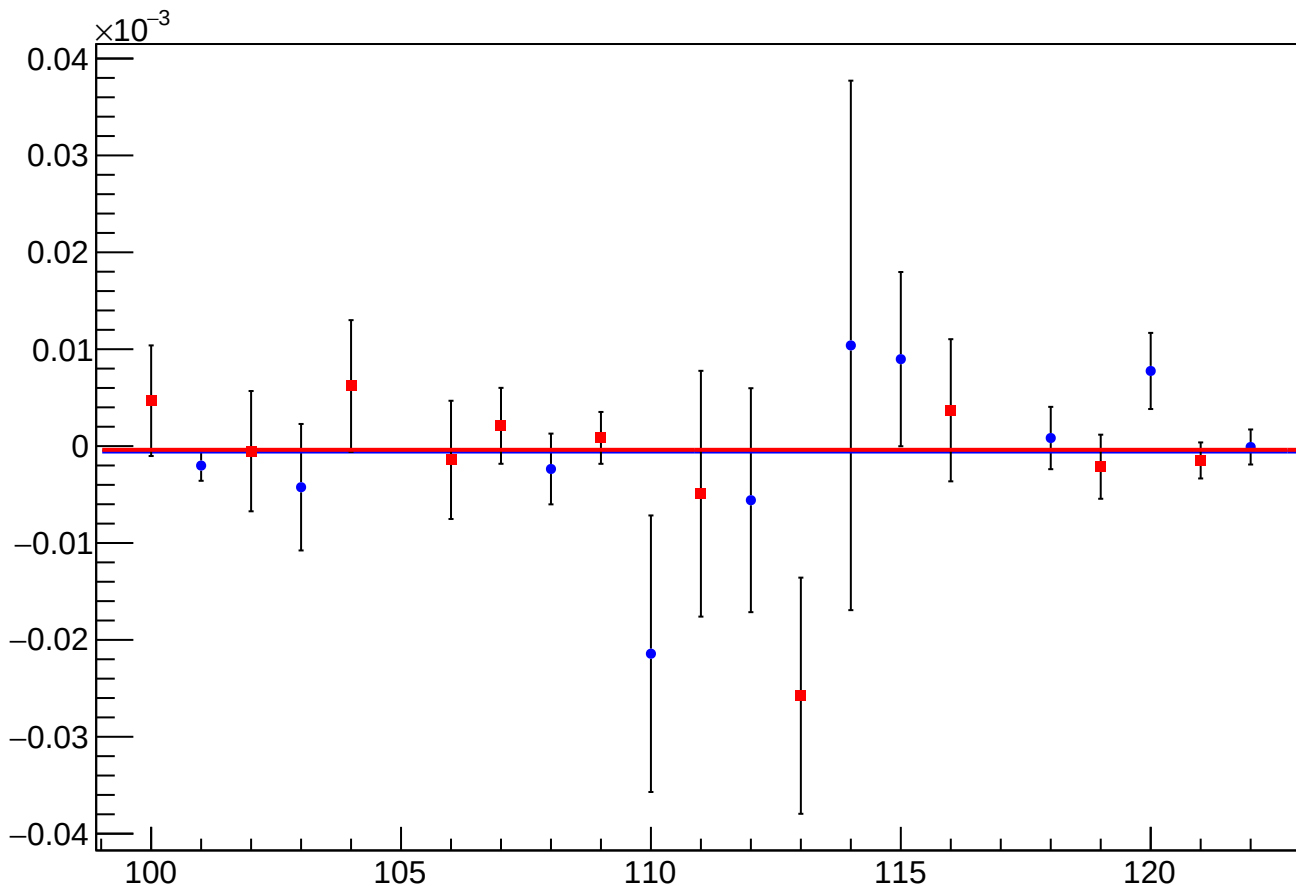
Right: 34.426+/-0.010 χ^2/NDF : 3810174.6/20

In: 32.454+/-0.013 χ^2/NDF : 1937903.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.426+/-0.010 χ^2/NDF : 3810174.6/20

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 : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

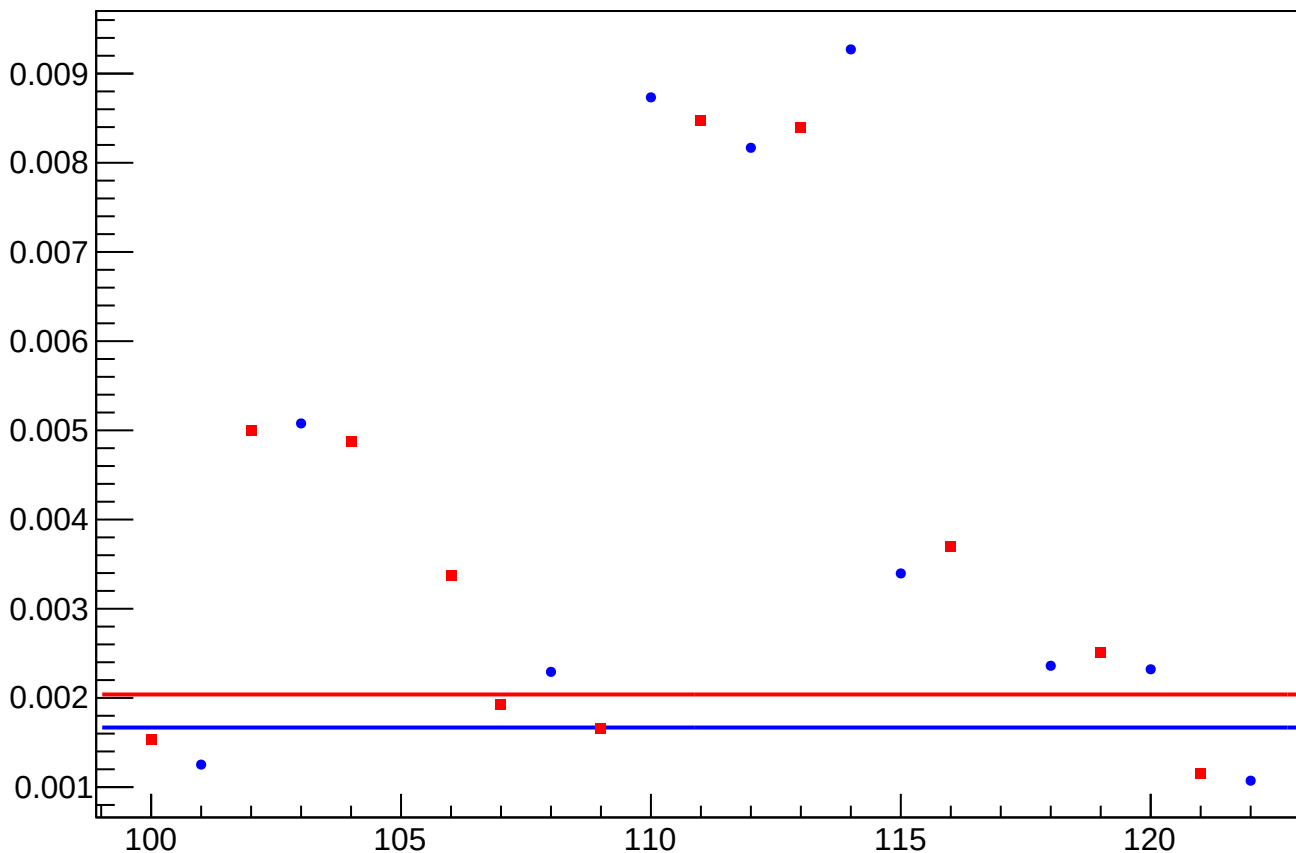
Right: -0.000+/-0.000 χ^2/NDF : 17.5/20

In: -0.000+/-0.000 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.5/20

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 : 2609370.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

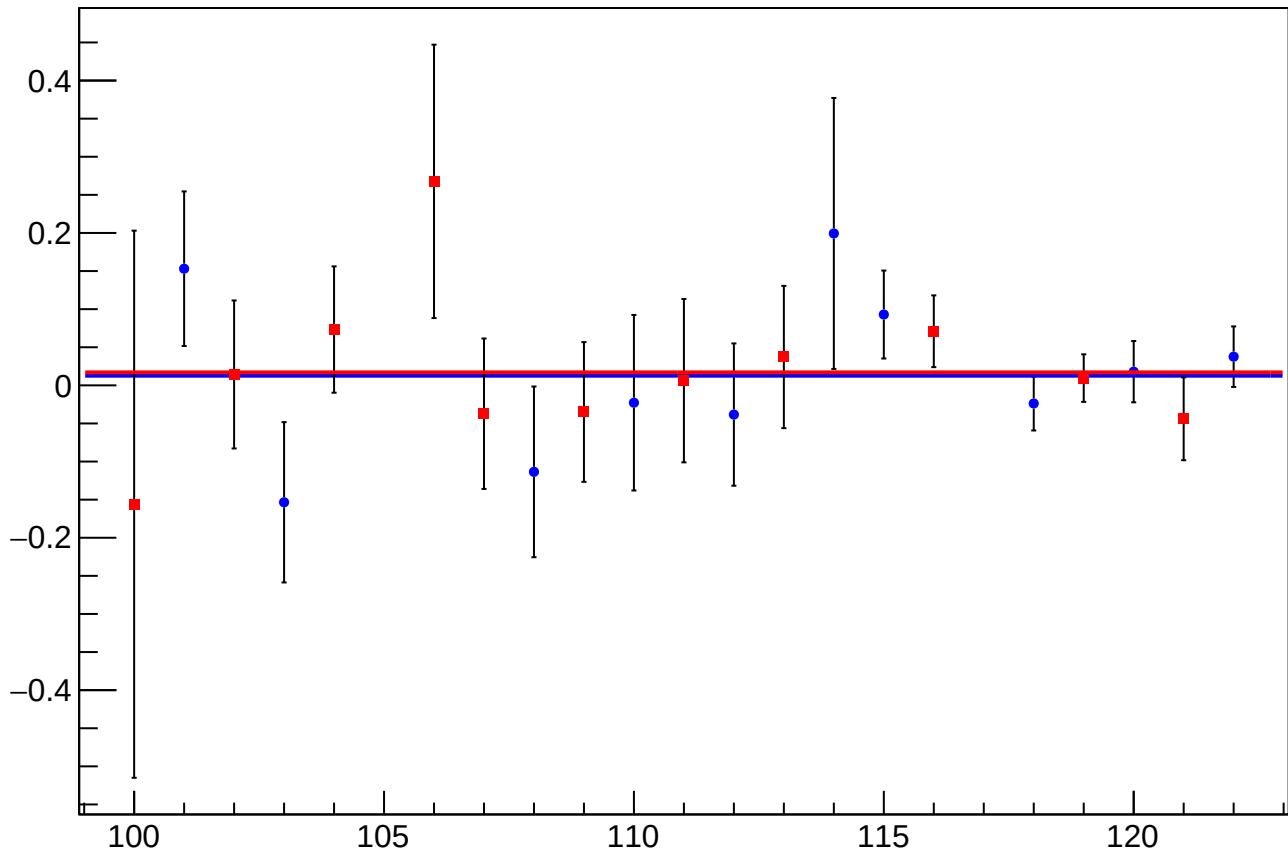
Right: 0.002+/-0.000 χ^2/NDF : 5185622.0/20

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 : 5185622.0/20

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: 0.017+/-0.020 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

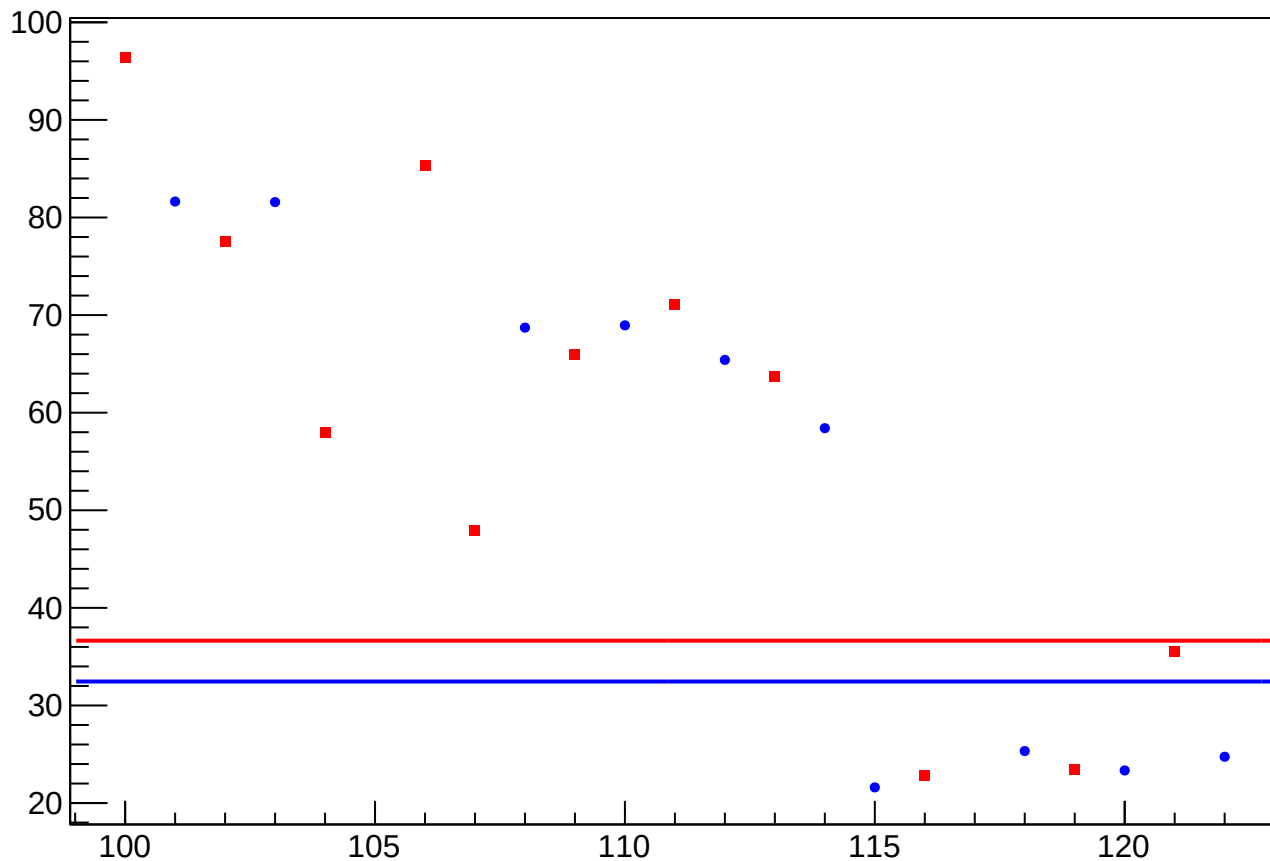
Right: 0.015+/-0.014 χ^2/NDF : 16.6/20

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.014 χ^2/NDF : 16.6/20

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: 36.639+/-0.014 χ^2/NDF : 1825350.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

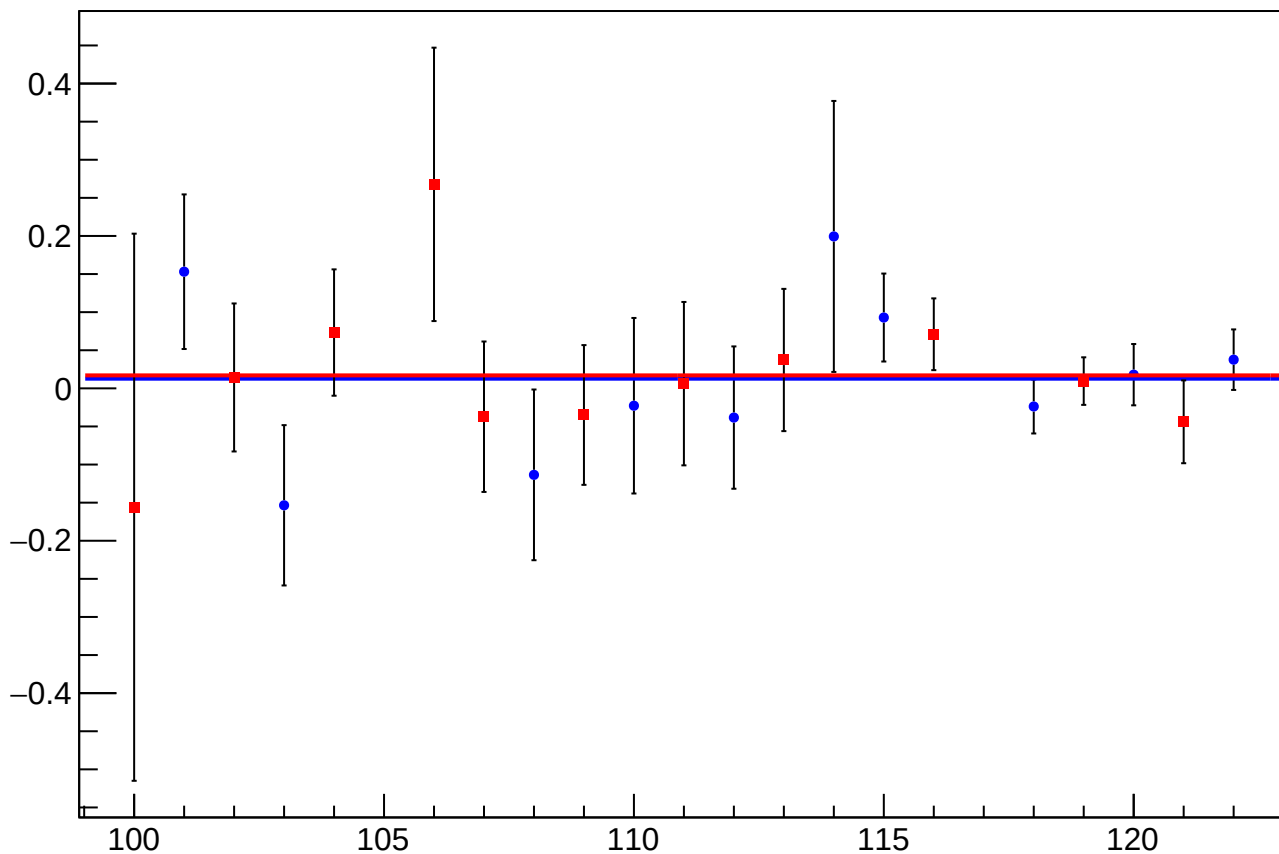
Right: 34.427+/-0.010 χ^2/NDF : 3810020.5/20

In: 32.455+/-0.013 χ^2/NDF : 1937831.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.427+/-0.010 χ^2/NDF : 3810020.5/20

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: 0.017+/-0.020 χ^2/NDF : 6.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

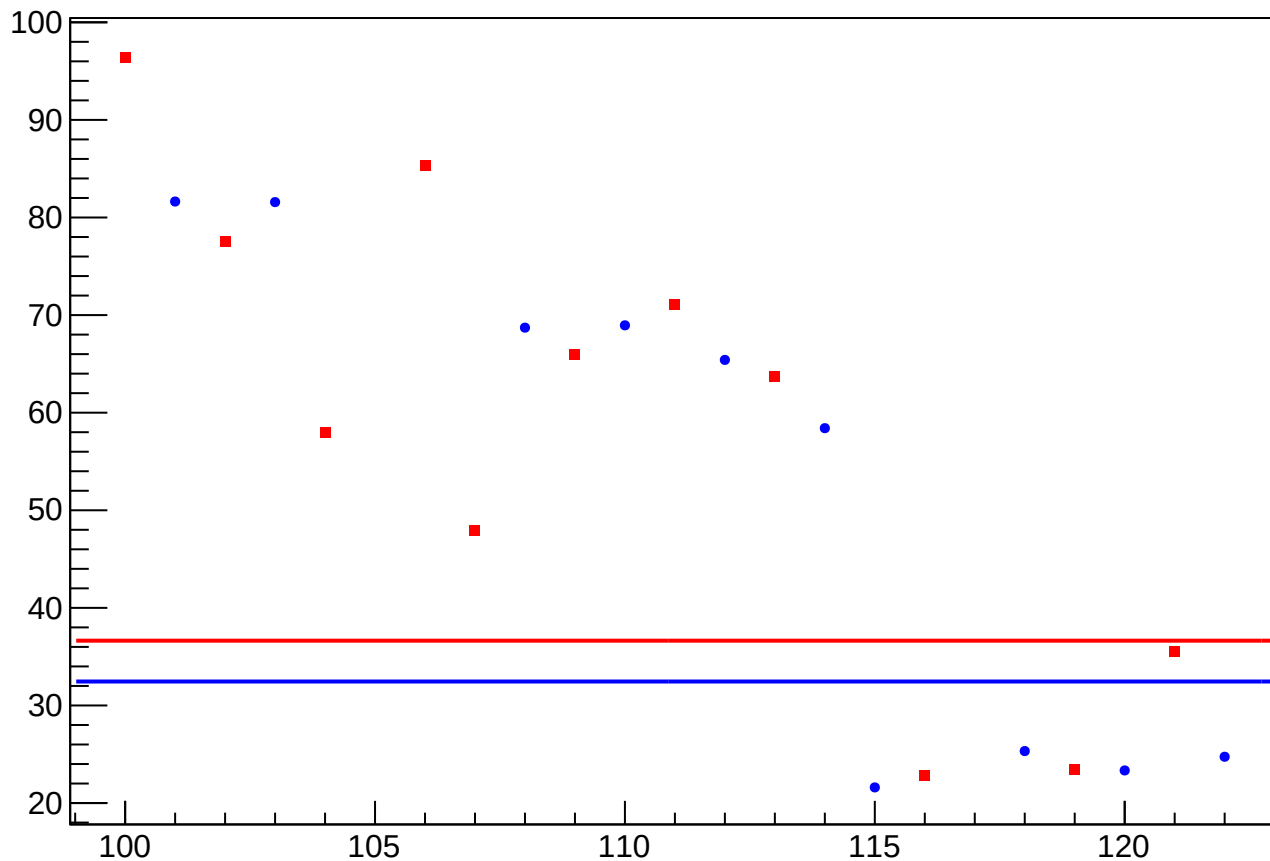
Right: 0.015+/-0.014 χ^2/NDF : 16.6/20

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.014 χ^2/NDF : 16.6/20

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: 36.639+/-0.014 χ^2/NDF : 1825350.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

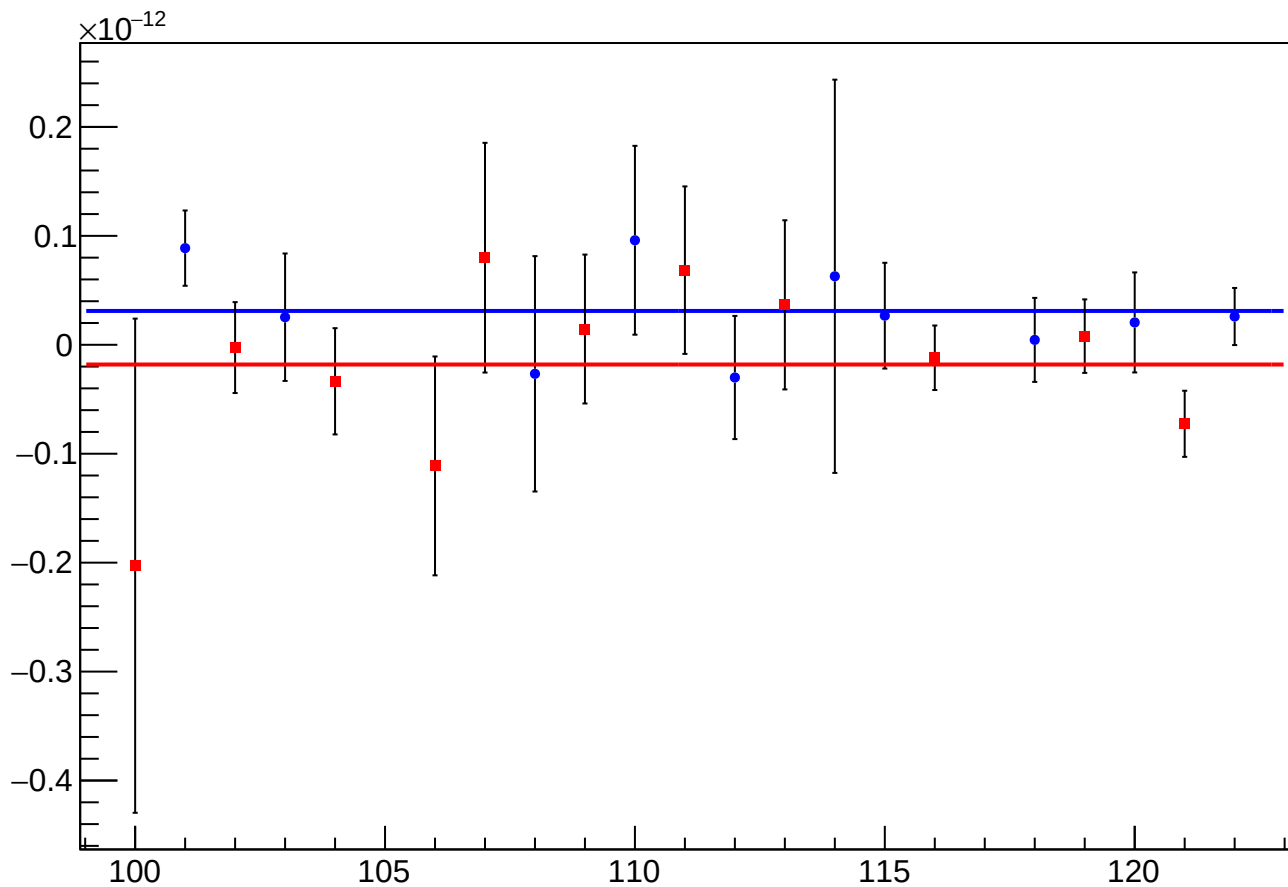
Right: 34.427+/-0.010 χ^2/NDF : 3810020.5/20

In: 32.455+/-0.013 χ^2/NDF : 1937831.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.427+/-0.010 χ^2/NDF : 3810020.5/20

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 : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

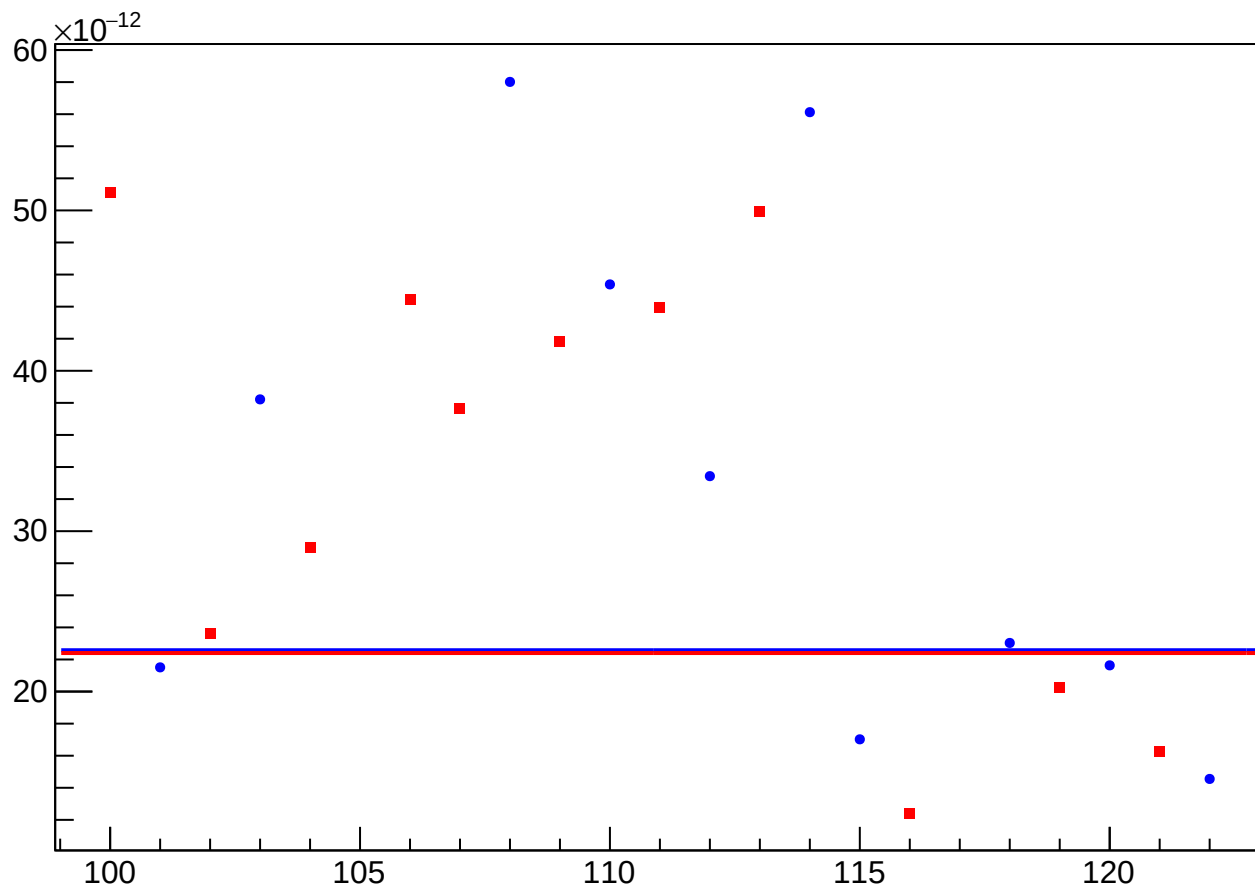
Right: 0.000+/-0.000 χ^2/NDF : 19.7/20

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 : 19.7/20

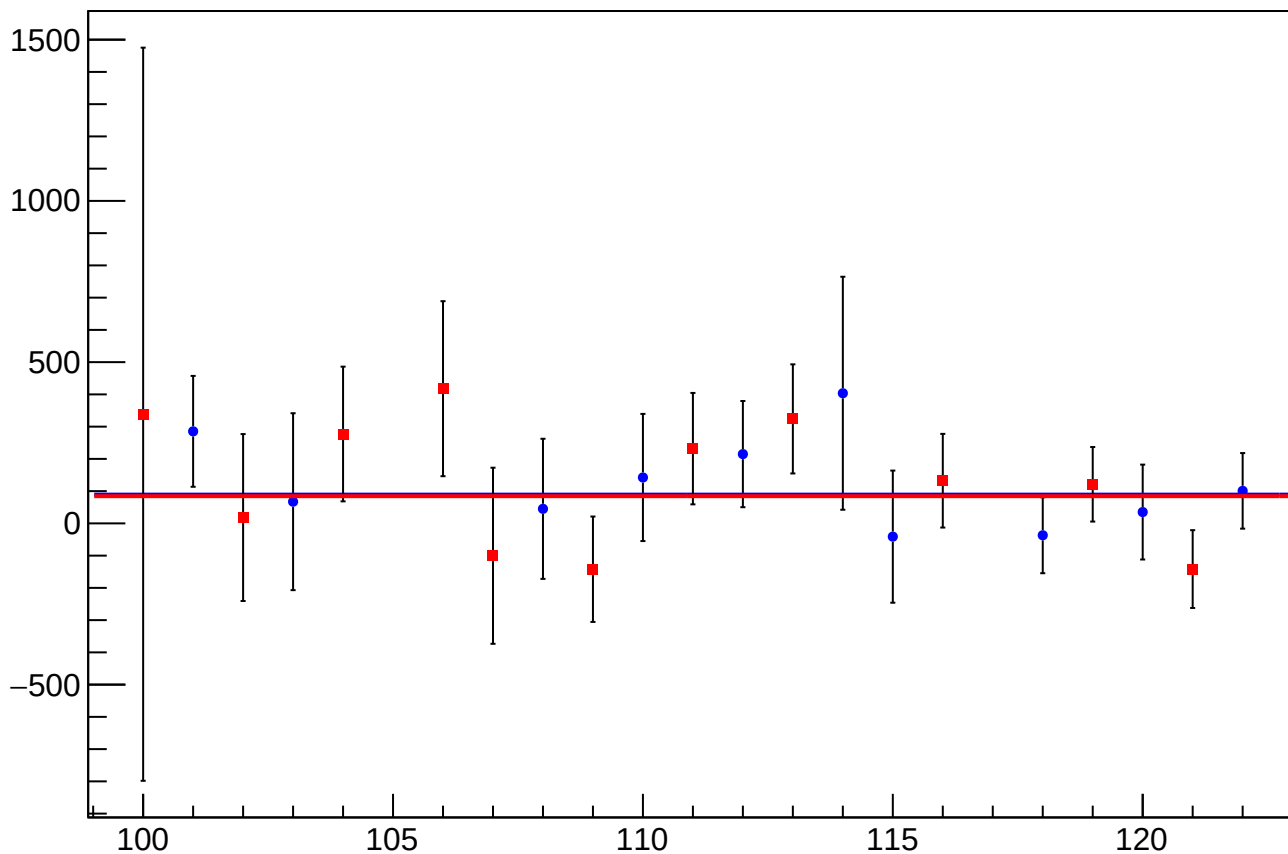
asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 1095934.7/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1952119.4/20
 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 : 1952119.4/20

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: 84.361+/-52.524 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

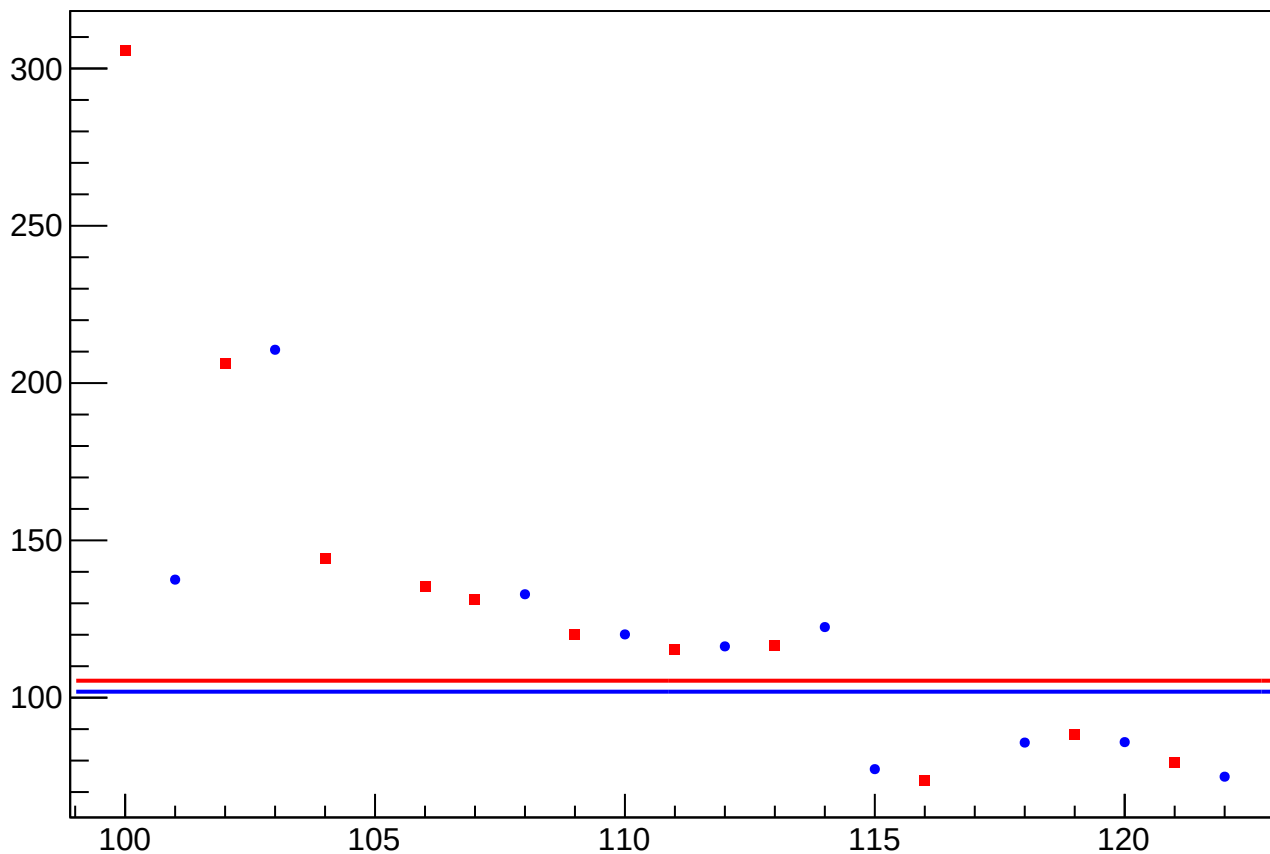
Right: 86.707+/-37.368 χ^2/NDF : 15.8/20

In: 89.111+/-53.177 χ^2/NDF :4.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 86.707+/-37.368 χ^2/NDF : 15.8/20

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: 105.393+/-0.037 χ^2/NDF : 740735.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

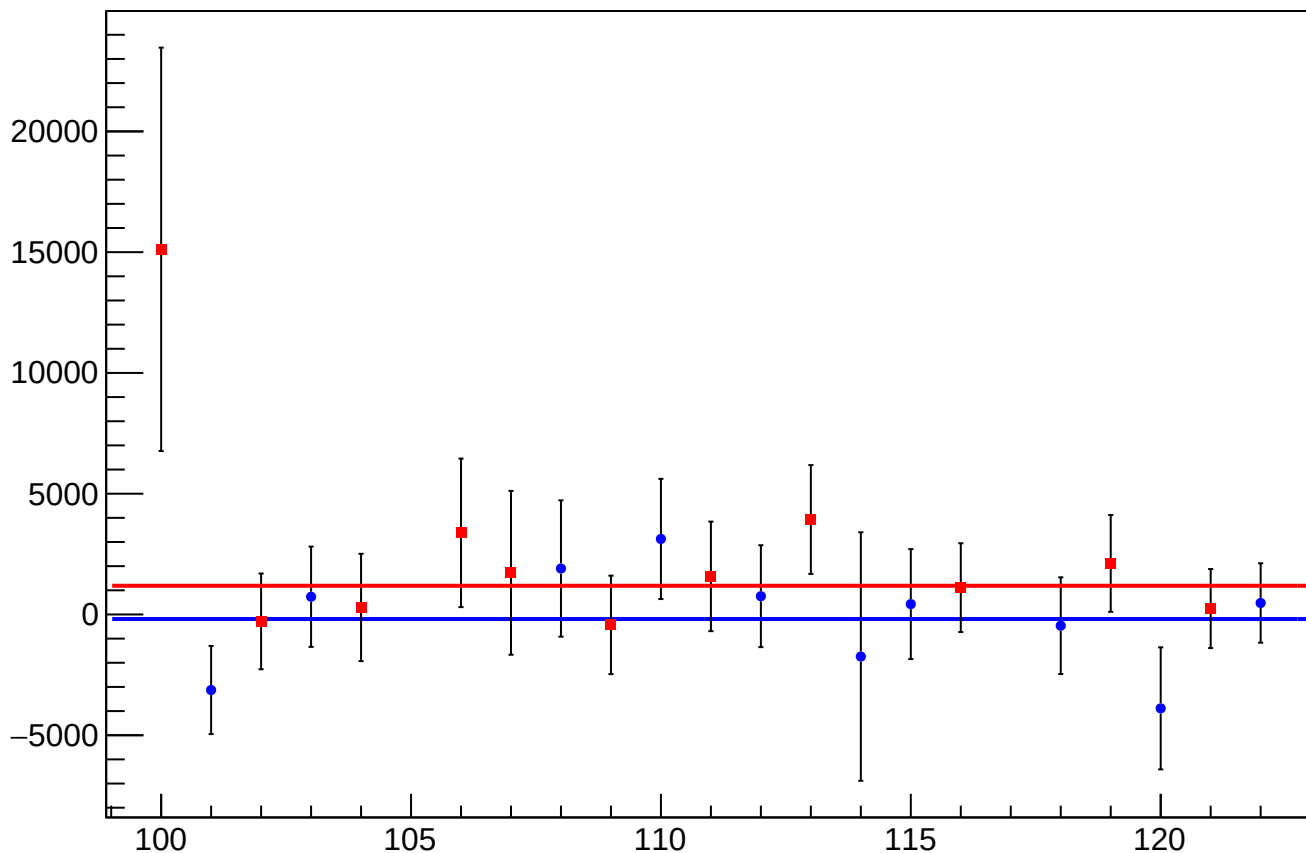
Right: 103.670+/-0.026 χ^2/NDF : 1421144.6/20

In: 101.903+/-0.038 χ^2/NDF : 676048.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.670+/-0.026 χ^2/NDF : 1421144.6/20

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: 1188.865+/-671.919 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

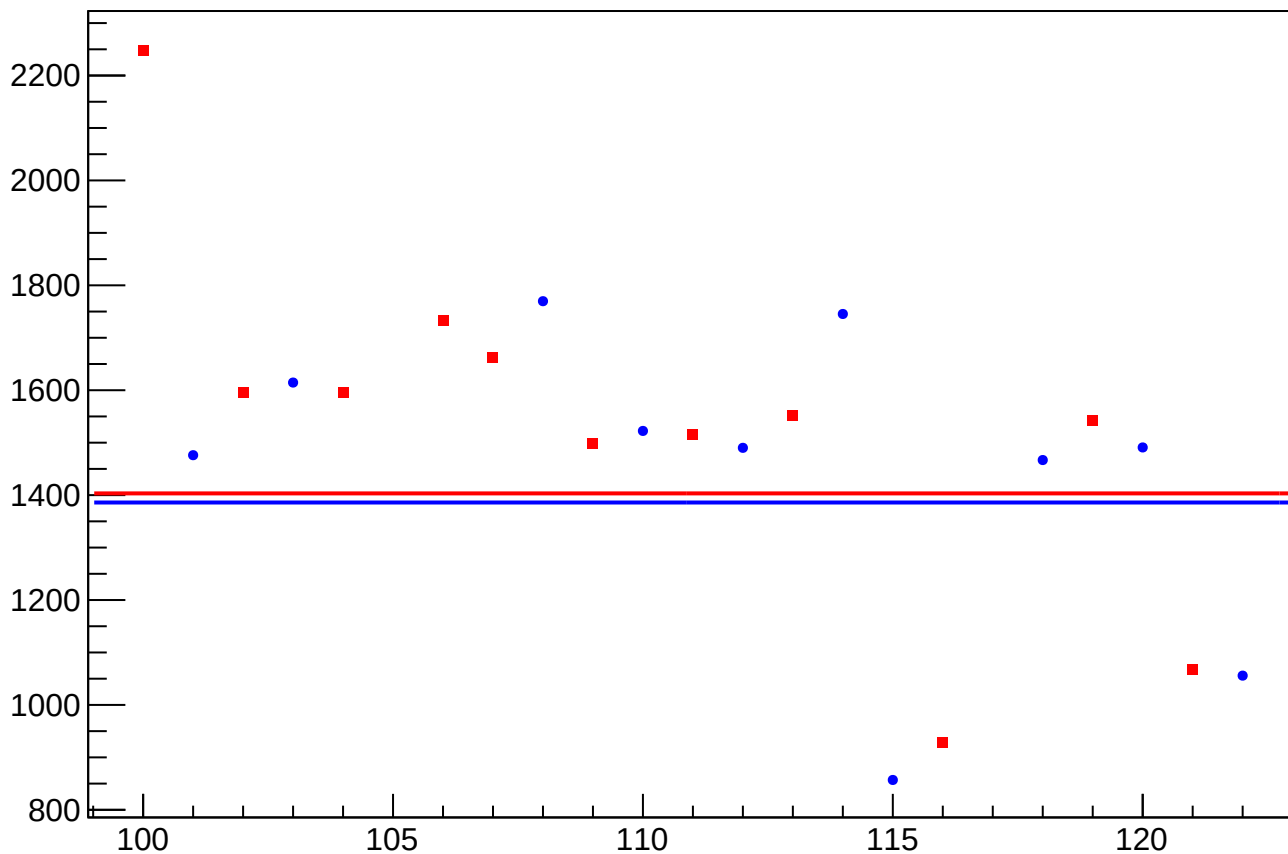
Right: 526.600+/-484.170 χ^2/NDF : 16.6/20

In: -188.652+/-698.281 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.600+/-484.170 χ^2/NDF : 16.6/20

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: 1403.297+/-0.475 χ^2/NDF : 334739.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

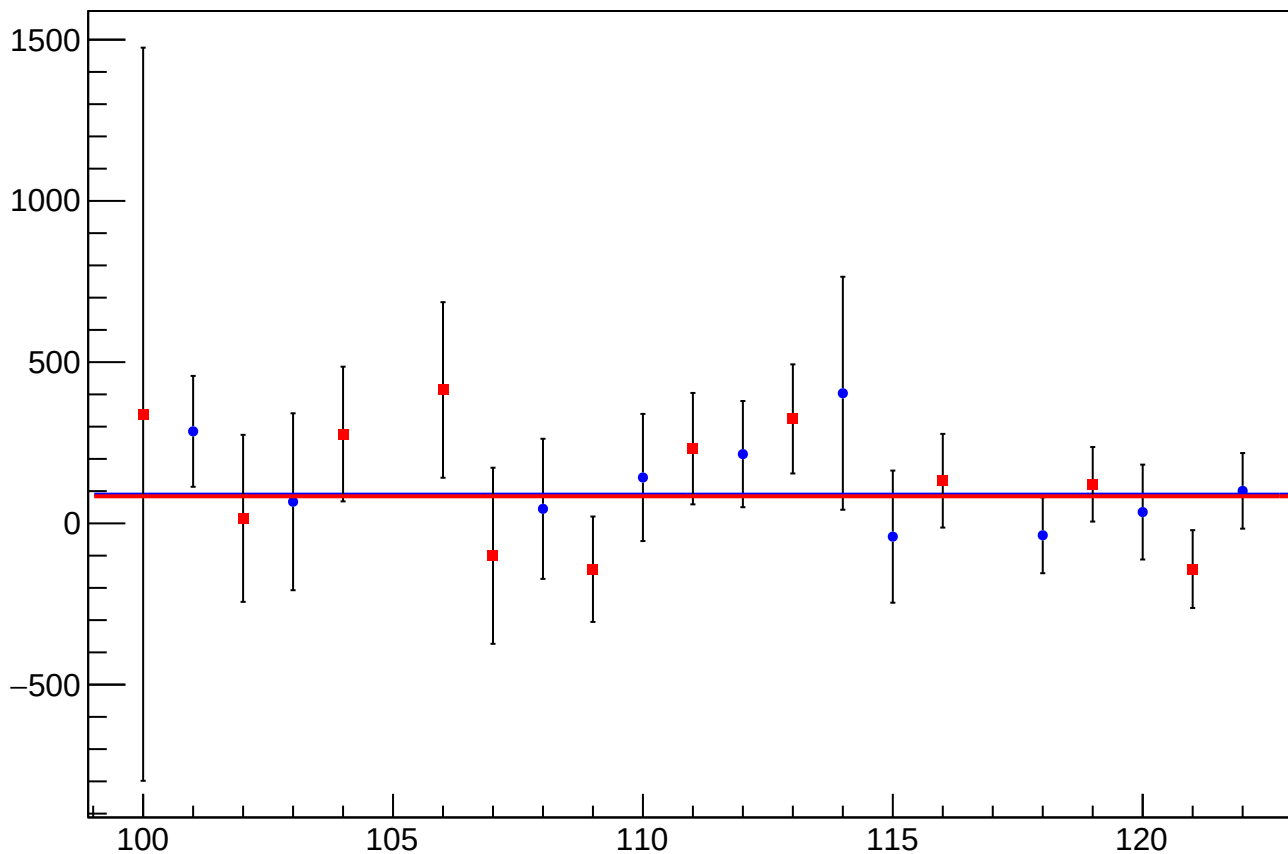
Right: 1394.944+/-0.342 χ^2/NDF : 617473.8/20

In: 1385.923+/-0.494 χ^2/NDF : 282091.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.944+/-0.342 χ^2/NDF : 617473.8/20

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 89.100 $\pm$ 53.177 χ^2 /NDF: 4.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.027 $\pm$ 52.531 χ^2 /NDF: 11.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

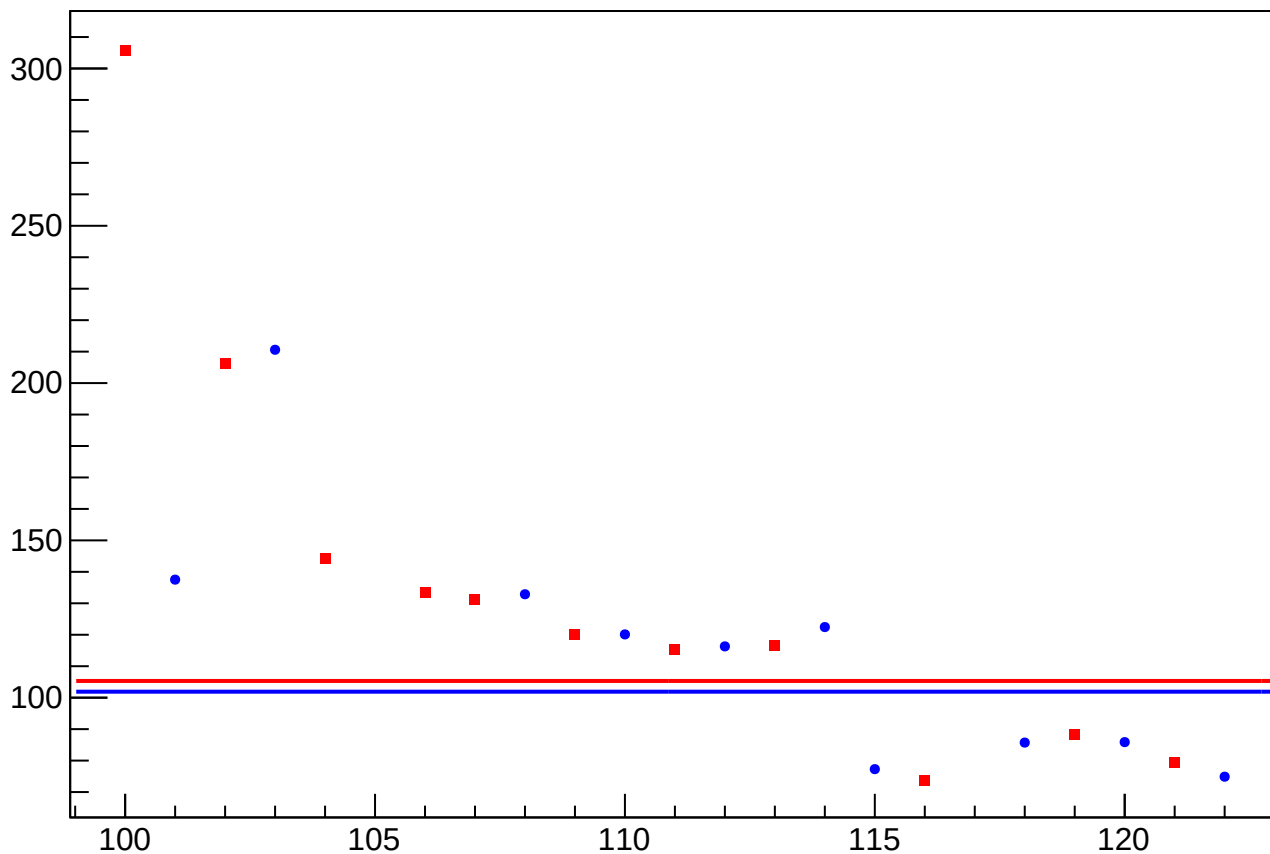
Right: 86.533 $\pm$ 37.371 χ^2 /NDF: 15.7/20

In: 89.100 $\pm$ 53.177 χ^2 /NDF:4.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.533 $\pm$ 37.371 χ^2 /NDF: 15.7/20

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: 105.313+/-0.037 χ^2/NDF : 737853.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

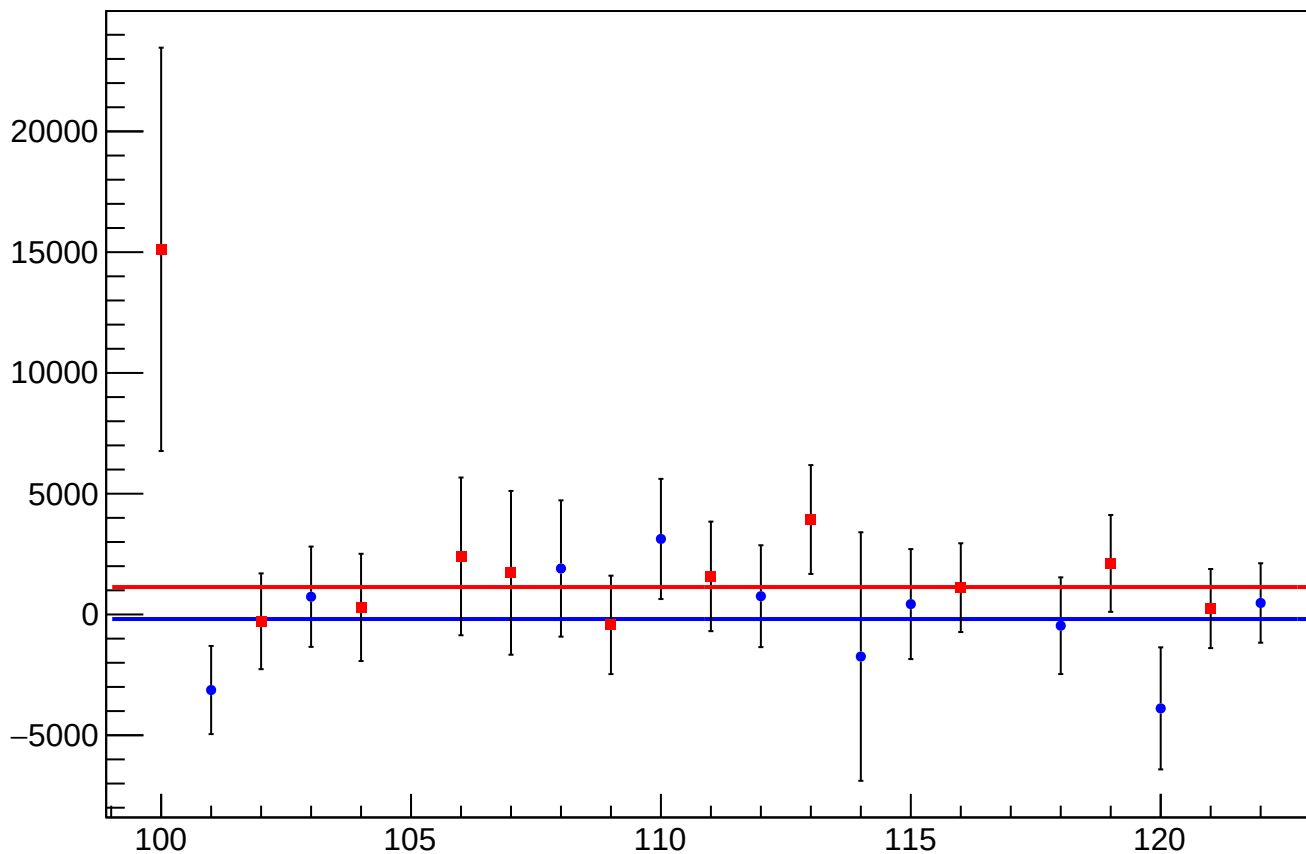
Right: 103.629+/-0.026 χ^2/NDF : 1418067.1/20

In: 101.903+/-0.038 χ^2/NDF : 676051.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.629+/-0.026 χ^2/NDF : 1418067.1/20

asym_sam_3726_avg_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: 1136.357+/-673.810 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

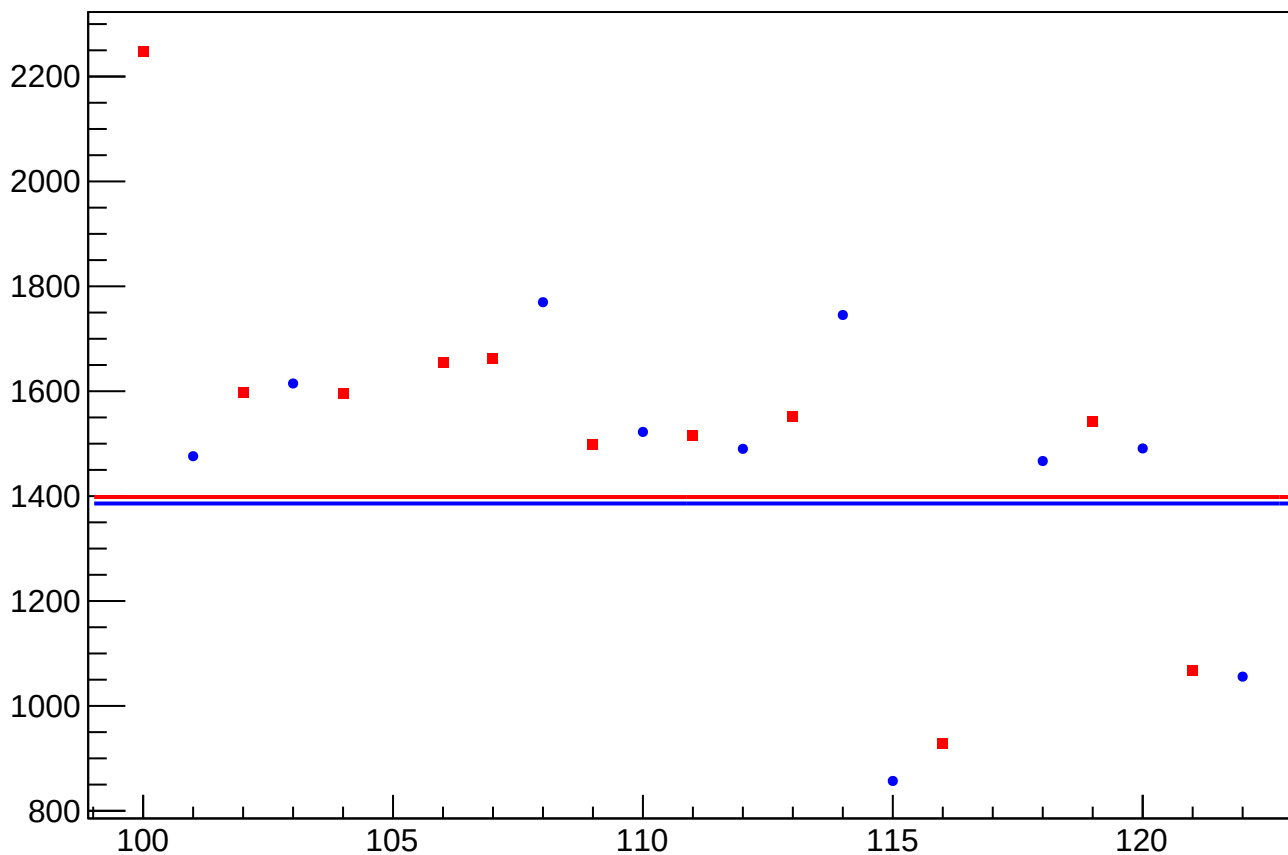
Right: 497.524+/-484.878 χ^2/NDF : 16.0/20

In: -188.564+/-698.287 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.524+/-484.878 χ^2/NDF : 16.0/20

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: 1398.269+/-0.476 χ^2/NDF : 323685.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

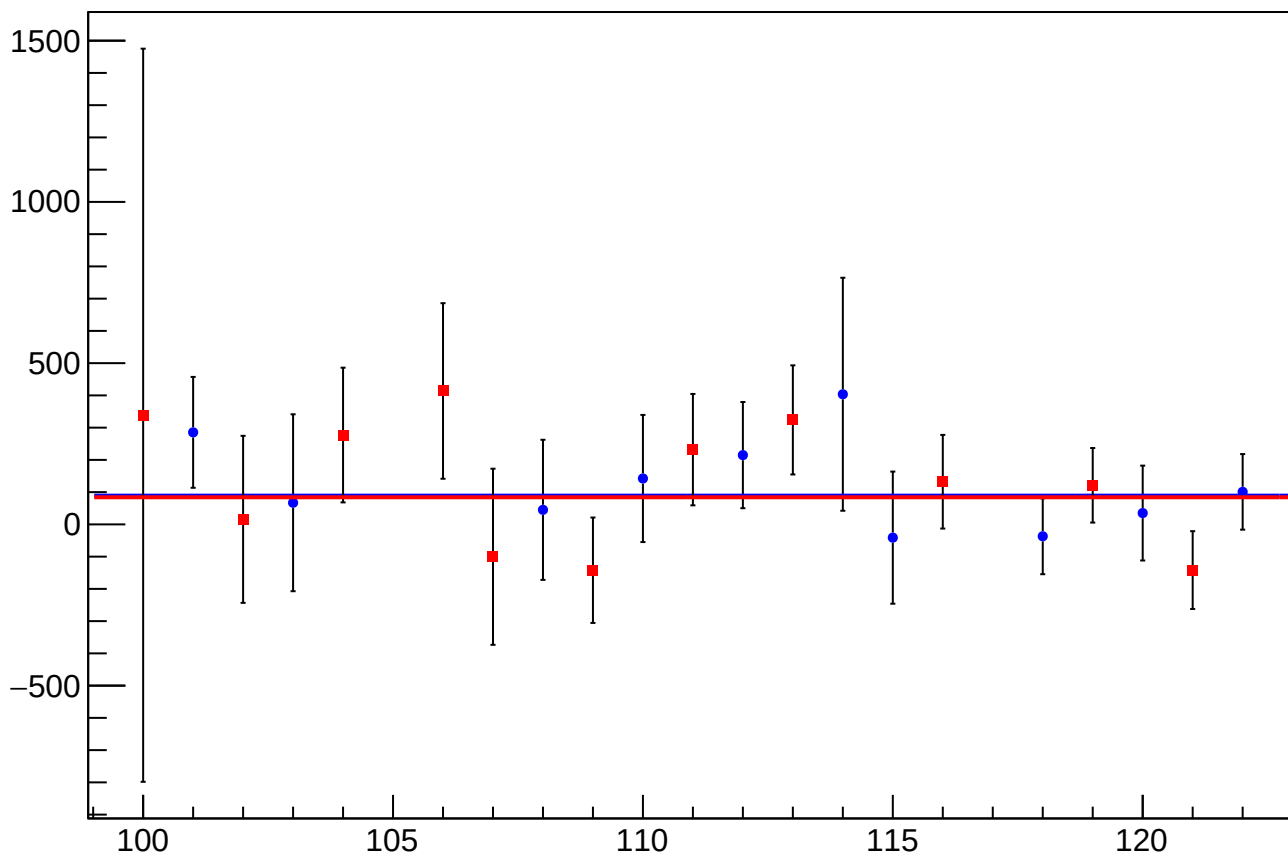
Right: 1392.321+/-0.343 χ^2/NDF : 606121.5/20

In: 1385.932+/-0.494 χ^2/NDF : 282112.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.321+/-0.343 χ^2/NDF : 606121.5/20

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: 84.027+/-52.531 χ^2/NDF : 11.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

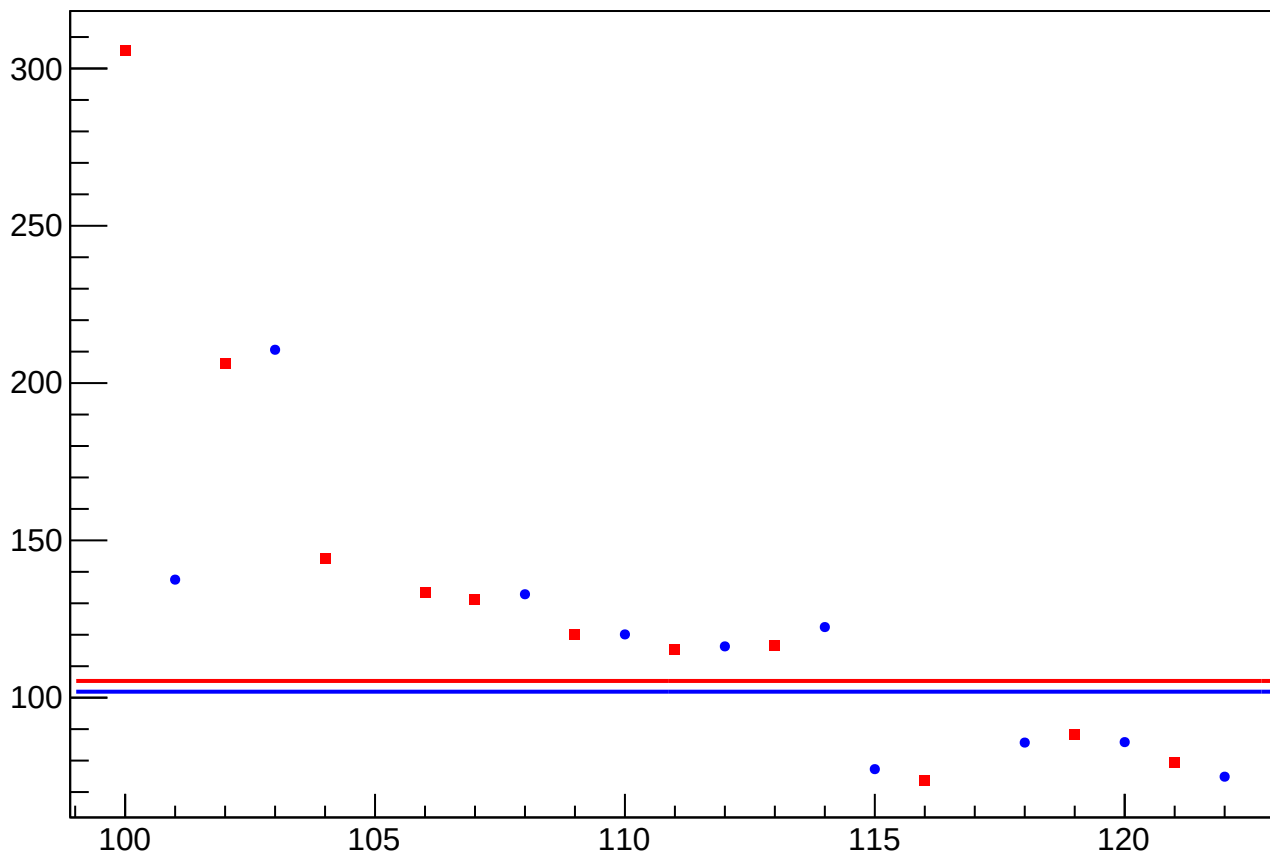
Right: 86.533+/-37.371 χ^2/NDF : 15.7/20

In: 89.100+/-53.177 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.533+/-37.371 χ^2/NDF : 15.7/20

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: 105.313+/-0.037 χ^2/NDF : 737853.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

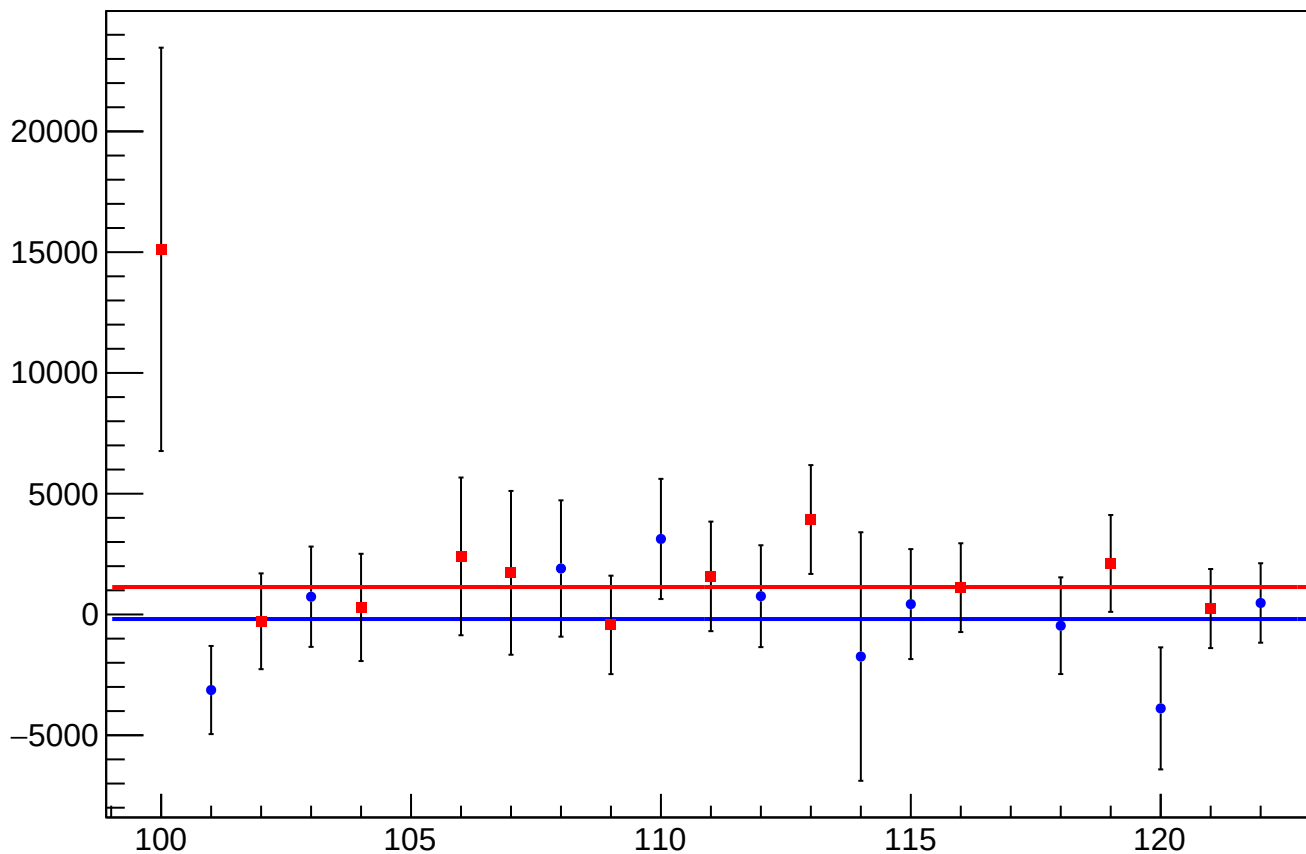
Right: 103.629+/-0.026 χ^2/NDF : 1418067.1/20

In: 101.903+/-0.038 χ^2/NDF : 676051.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.629+/-0.026 χ^2/NDF : 1418067.1/20

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: 1136.357+/-673.810 χ^2/NDF : 6.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

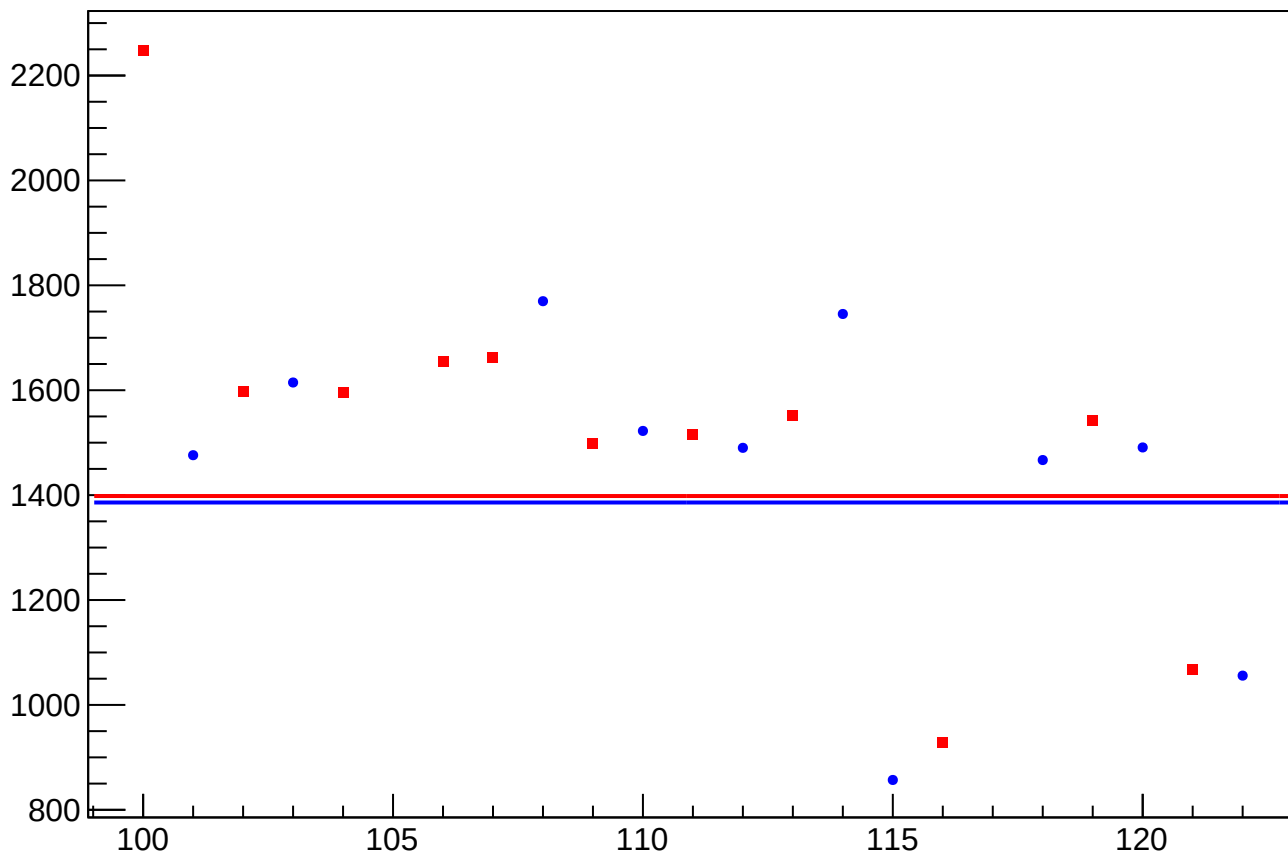
Right: 497.524+/-484.878 χ^2/NDF : 16.0/20

In: -188.564+/-698.287 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.524+/-484.878 χ^2/NDF : 16.0/20

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: 1398.269+/-0.476 χ^2/NDF : 323685.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

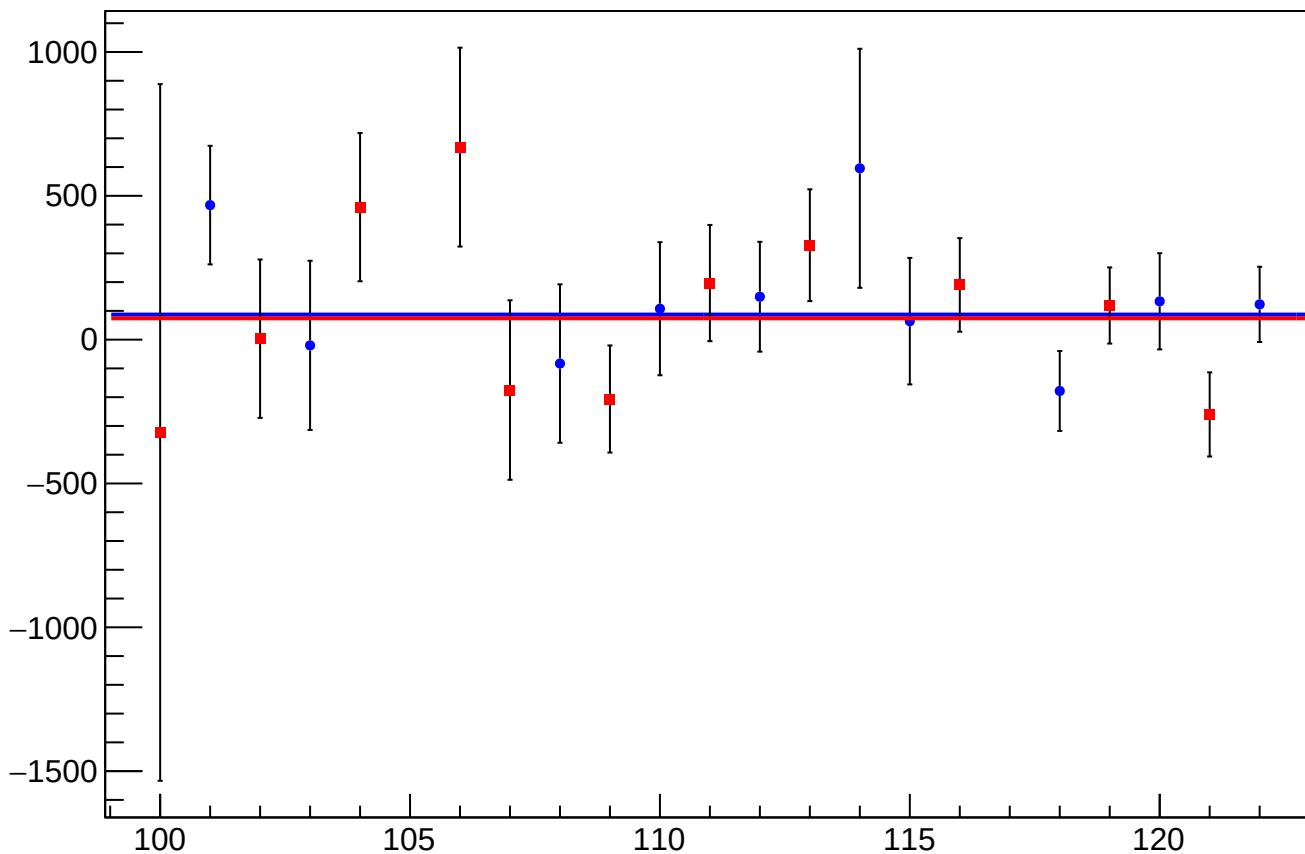
Right: 1392.321+/-0.343 χ^2/NDF : 606121.5/20

In: 1385.932+/-0.494 χ^2/NDF : 282112.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.321+/-0.343 χ^2/NDF : 606121.5/20

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: 74.136+/-60.973 χ^2/NDF : 16.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

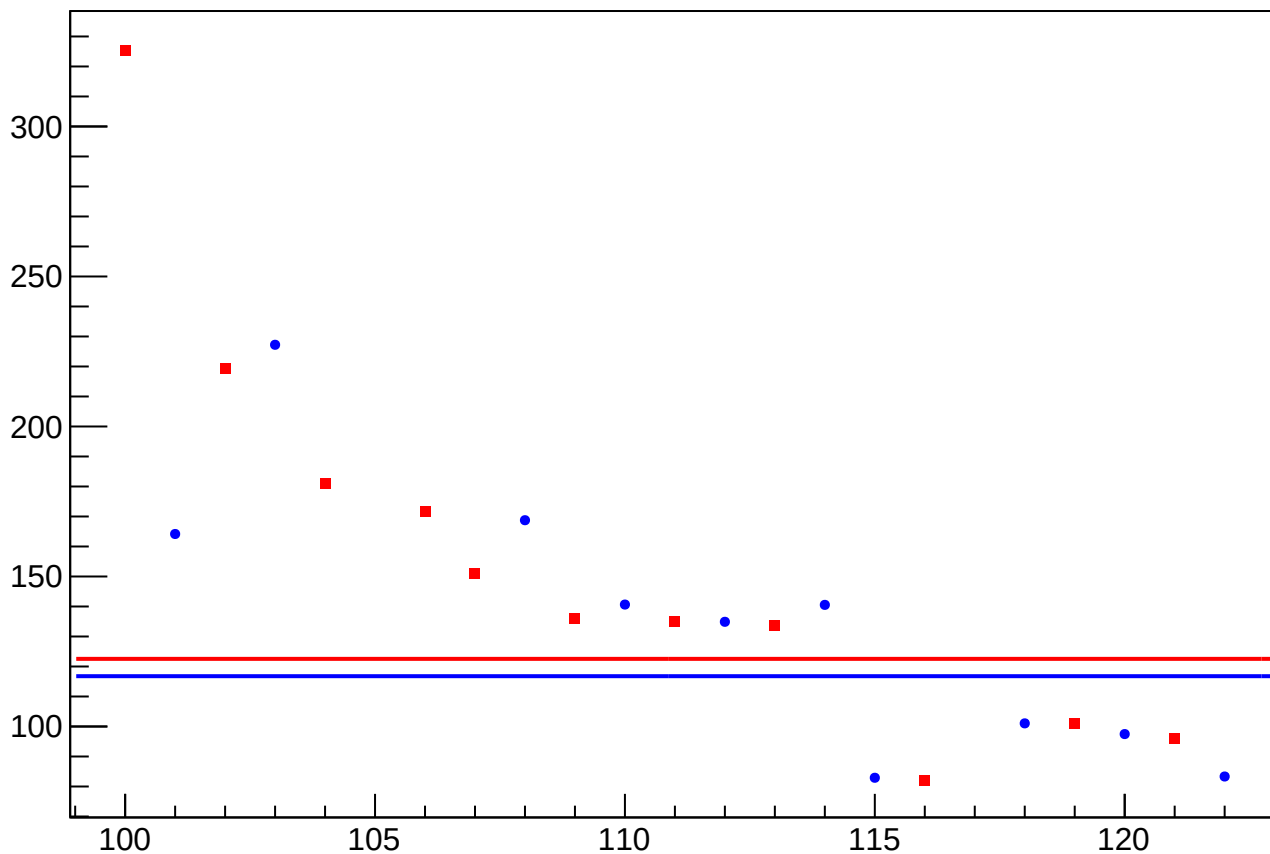
Right: 80.601+/-43.195 χ^2/NDF : 25.6/20

In: 87.115+/-61.202 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.601+/-43.195 χ^2/NDF : 25.6/20

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 116.770 $\pm$ 0.043 χ^2 /NDF: 735807.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 122.545 $\pm$ 0.043 χ^2 /NDF: 730436.5/10

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

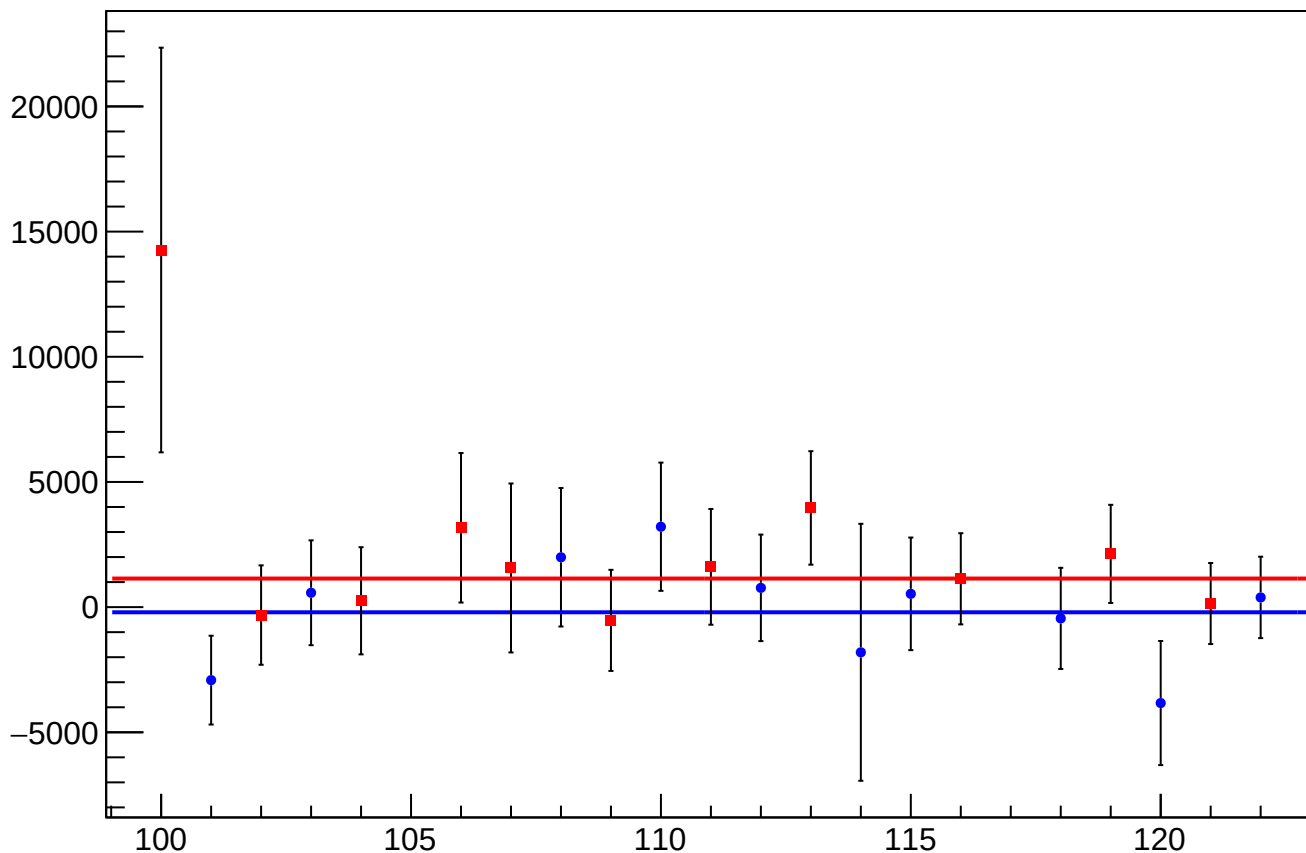
Right: 119.668 $\pm$ 0.031 χ^2 /NDF: 1475182.5/20

In: 116.770 $\pm$ 0.043 χ^2 /NDF:735807.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.668 $\pm$ 0.031 χ^2 /NDF: 1475182.5/20

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: 1141.724+/-665.527 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

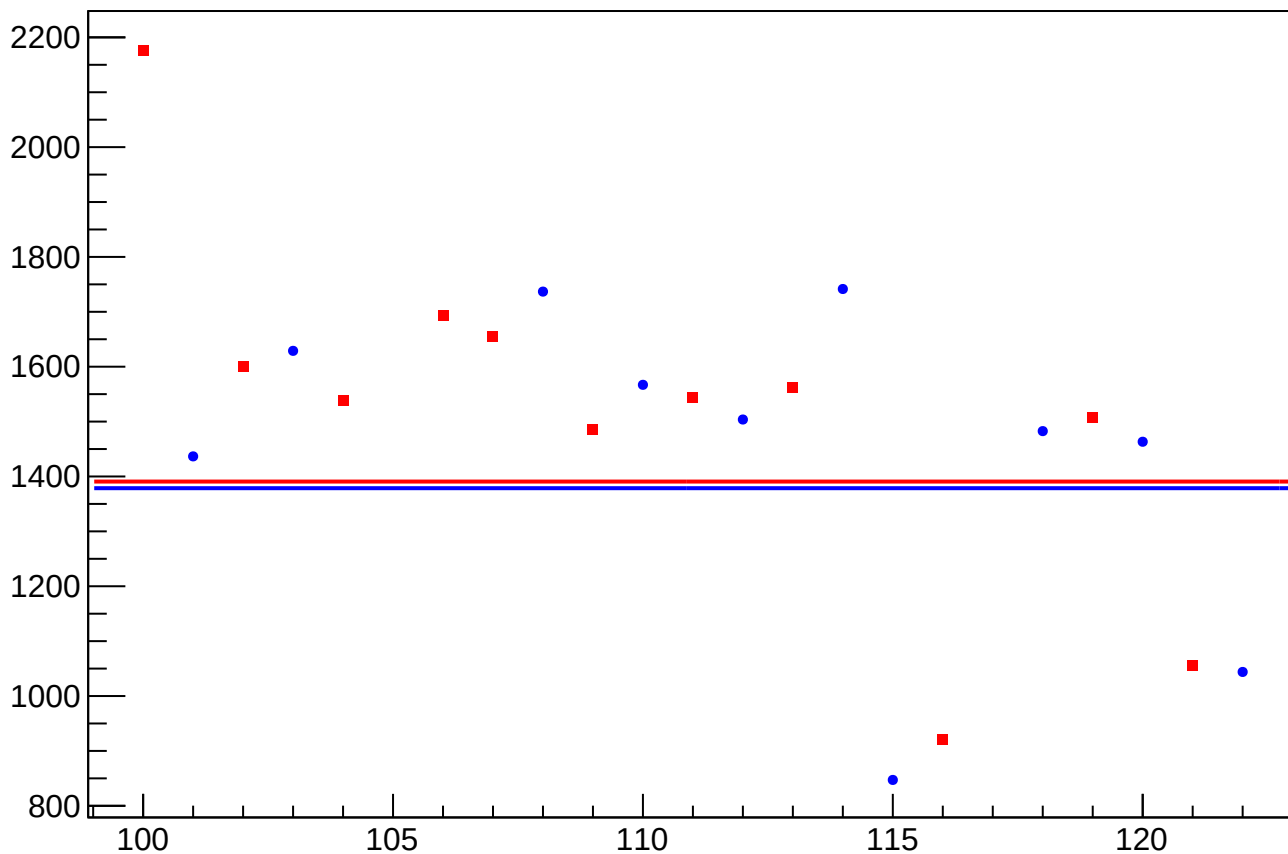
Right: 496.826+/-480.615 χ^2/NDF : 16.3/20

In: -206.061+/-694.804 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.826+/-480.615 χ^2/NDF : 16.3/20

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: 1390.742+/-0.471 χ^2/NDF : 334440.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

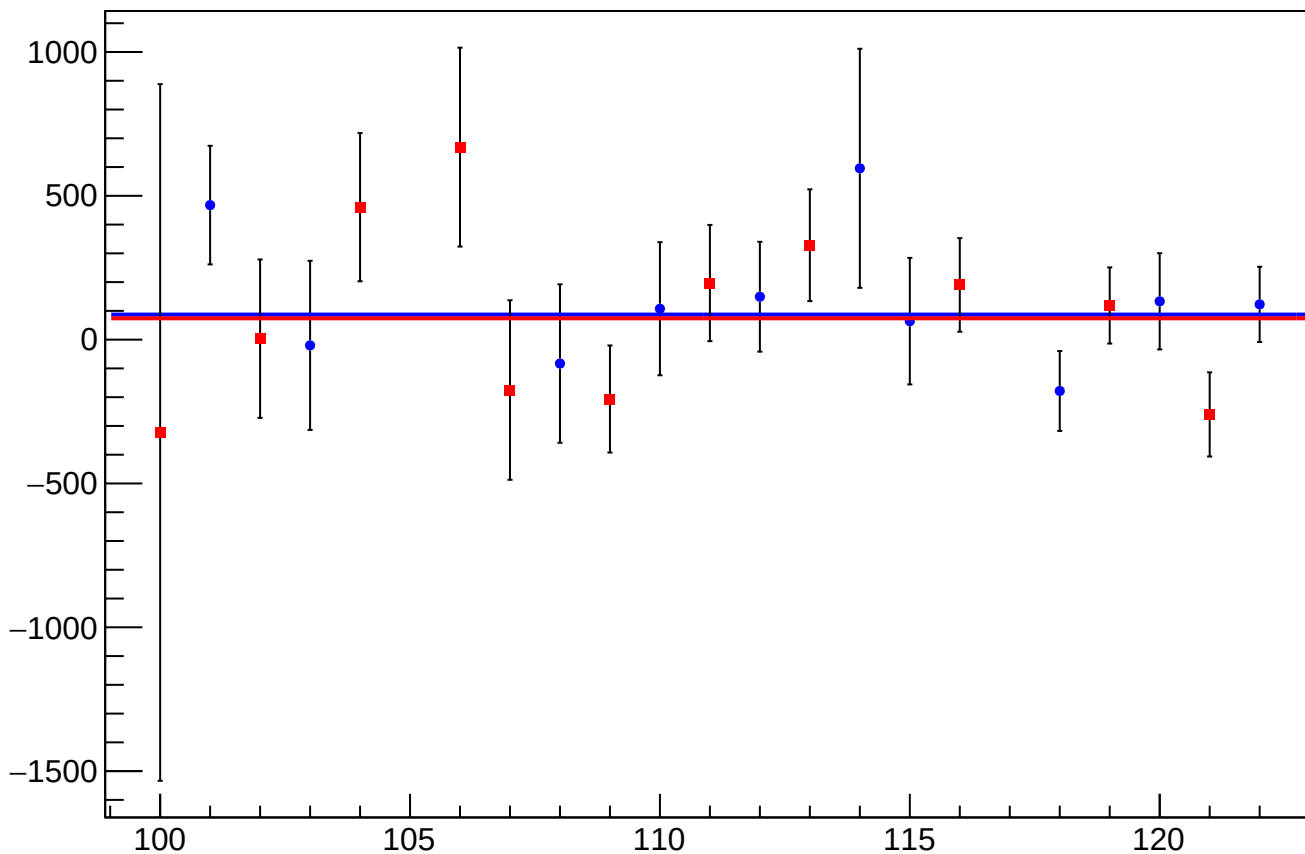
Right: 1384.955+/-0.340 χ^2/NDF : 630780.3/20

In: 1378.648+/-0.491 χ^2/NDF : 296024.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1384.955+/-0.340 χ^2/NDF : 630780.3/20

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 87.115 $\pm$ 61.202 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.133 $\pm$ 60.973 χ^2 /NDF: 16.2/10

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

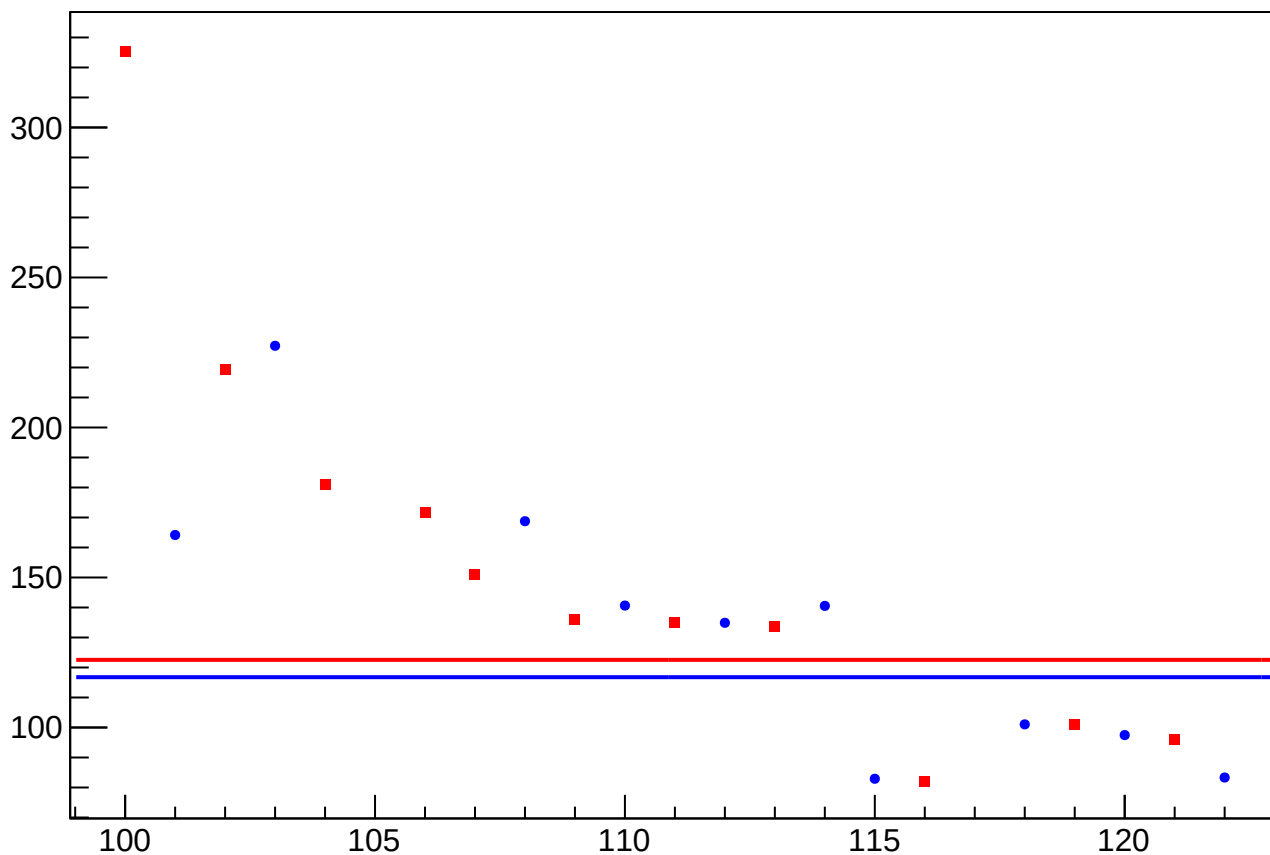
Right: 80.600 $\pm$ 43.195 χ^2 /NDF: 25.6/20

In: 87.115 $\pm$ 61.202 χ^2 /NDF: 9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 80.600 $\pm$ 43.195 χ^2 /NDF: 25.6/20

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: 122.545+/-0.043 χ^2/NDF : 730432.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

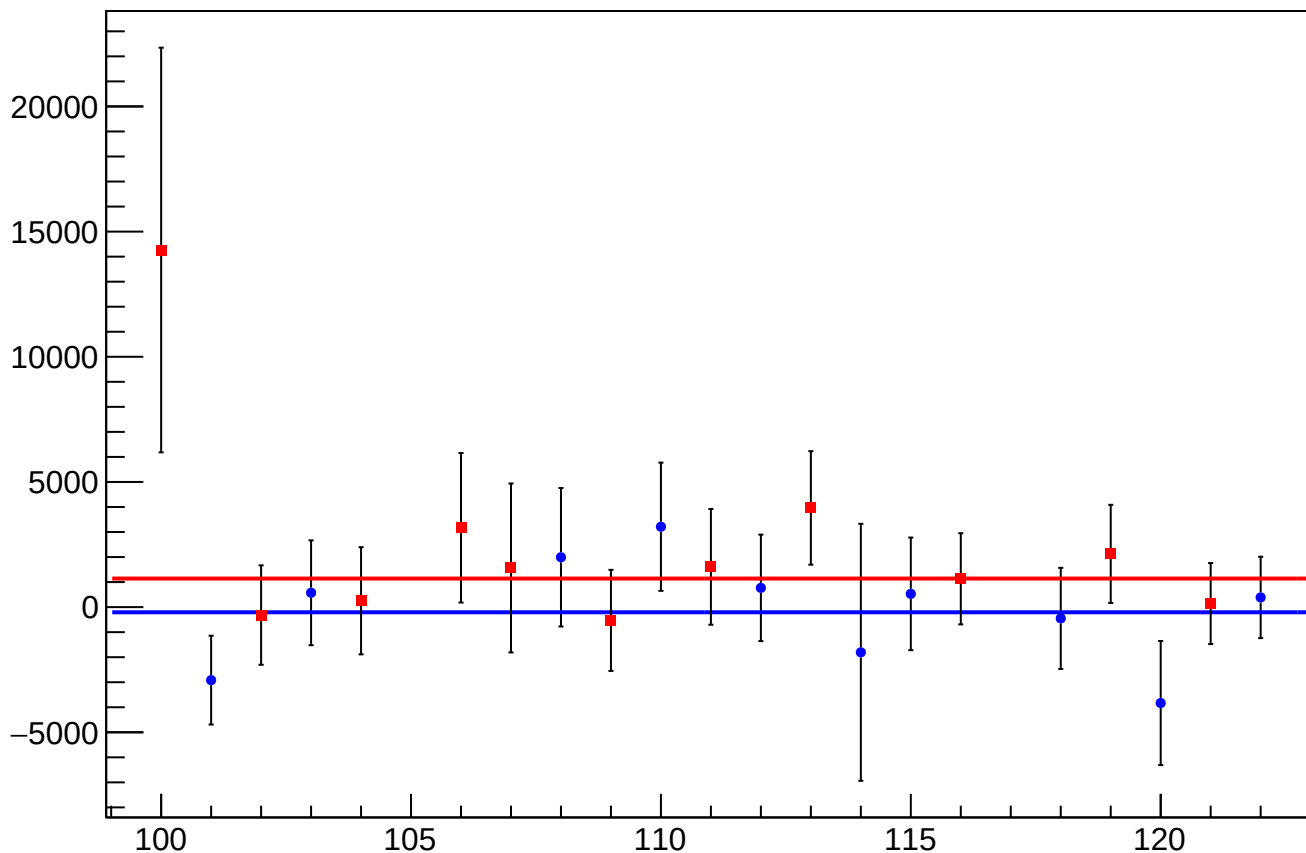
Right: 119.668+/-0.031 χ^2/NDF : 1475173.3/20

In: 116.770+/-0.043 χ^2/NDF : 735801.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.668+/-0.031 χ^2/NDF : 1475173.3/20

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: 1141.722+/-665.525 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

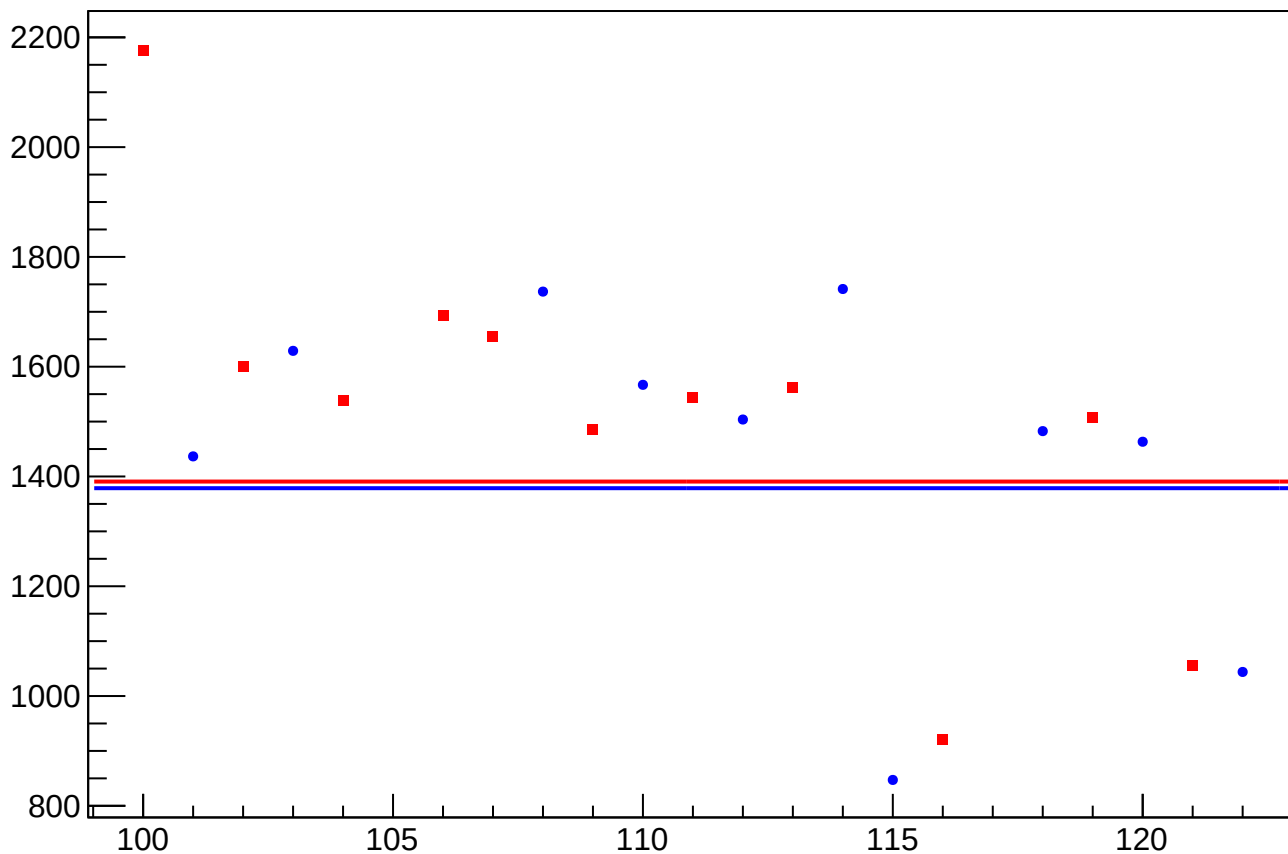
Right: 496.826+/-480.614 χ^2/NDF : 16.3/20

In: -206.059+/-694.803 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.826+/-480.614 χ^2/NDF : 16.3/20

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: 1390.739+/-0.471 χ^2/NDF : 334436.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

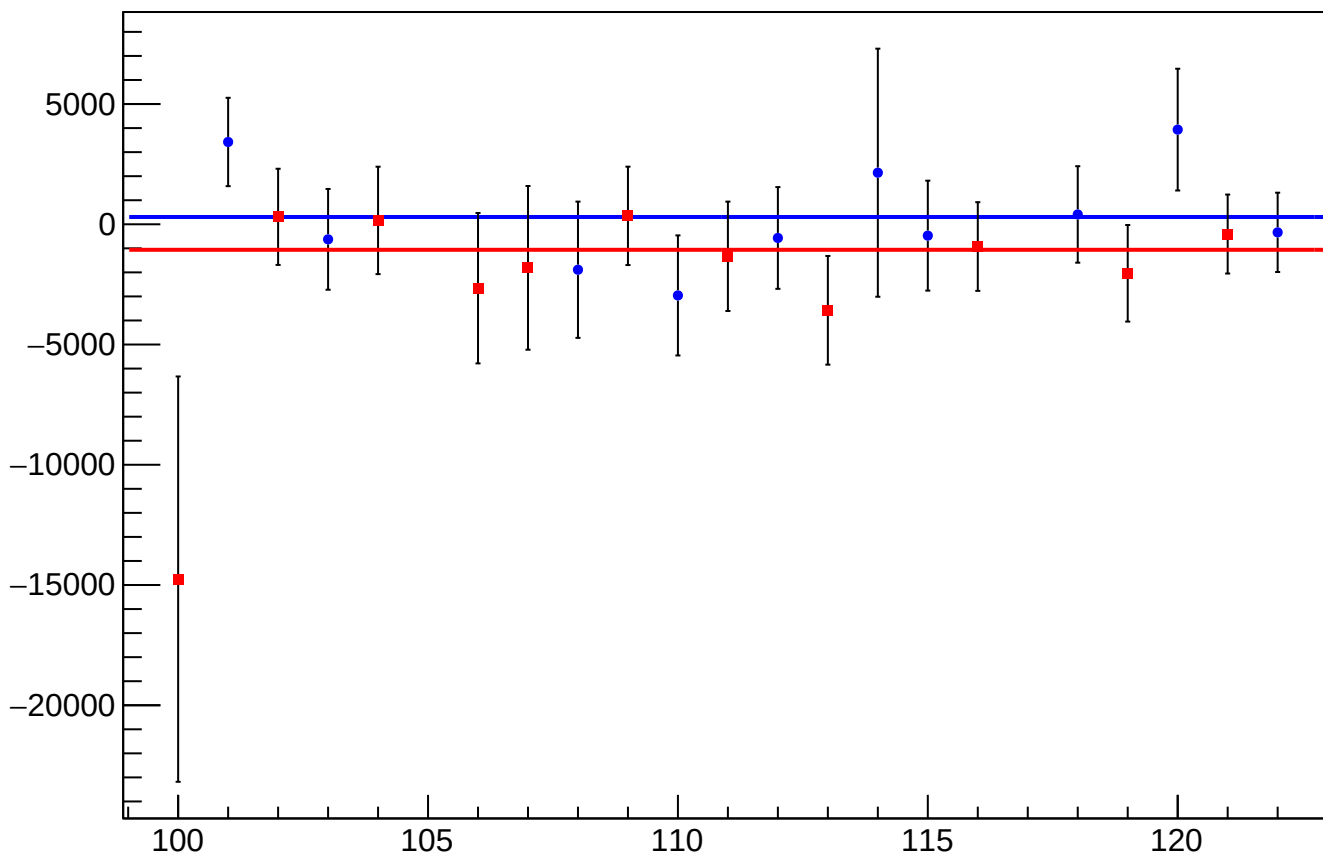
Right: 1384.952+/-0.340 χ^2/NDF : 630772.0/20

In: 1378.645+/-0.491 χ^2/NDF : 296019.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1384.952+/-0.340 χ^2/NDF : 630772.0/20

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: -1061.036+/-675.007 χ^2/NDF : 5.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

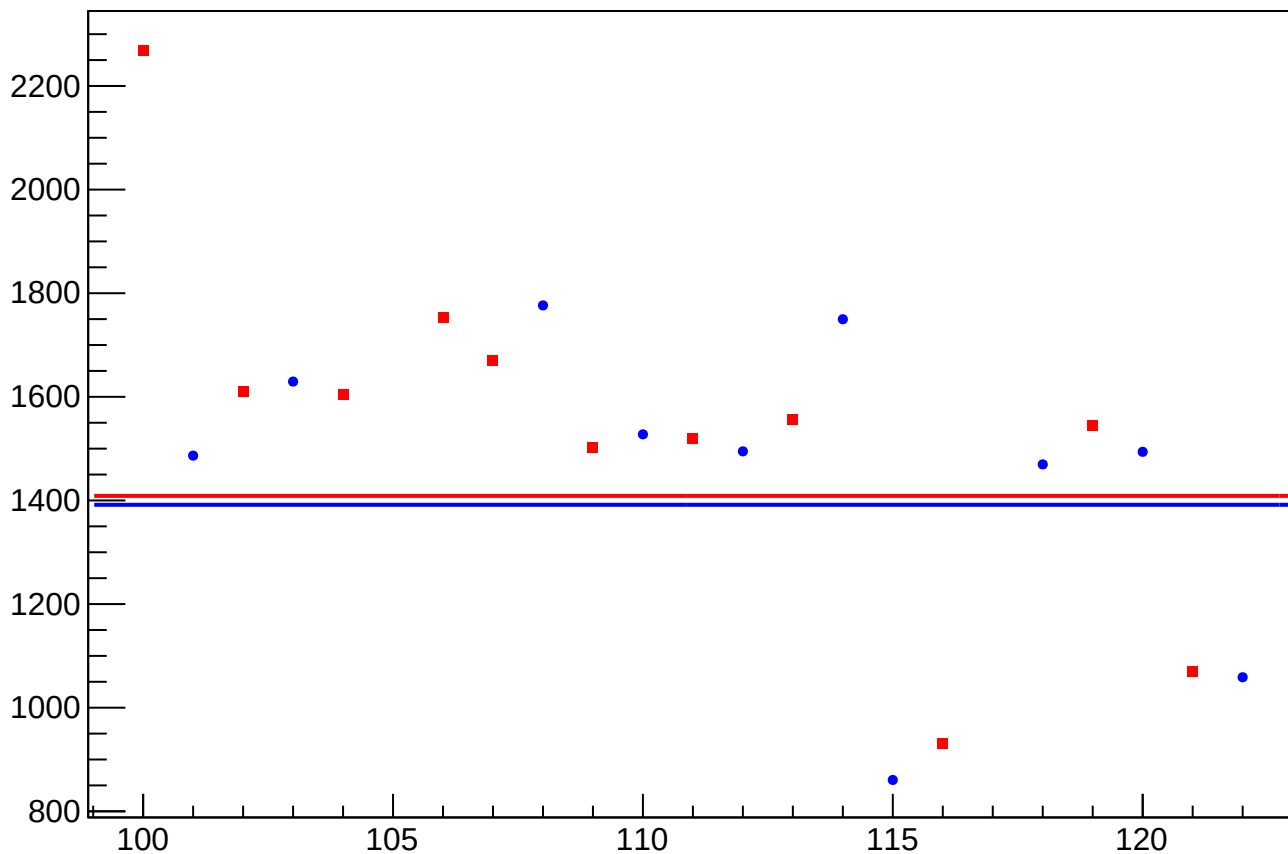
Right: -404.952+/-486.297 χ^2/NDF : 15.8/20

In: 303.026+/-701.195 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -404.952+/-486.297 χ^2/NDF : 15.8/20

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: 1408.845+/-0.477 χ^2/NDF : 338385.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

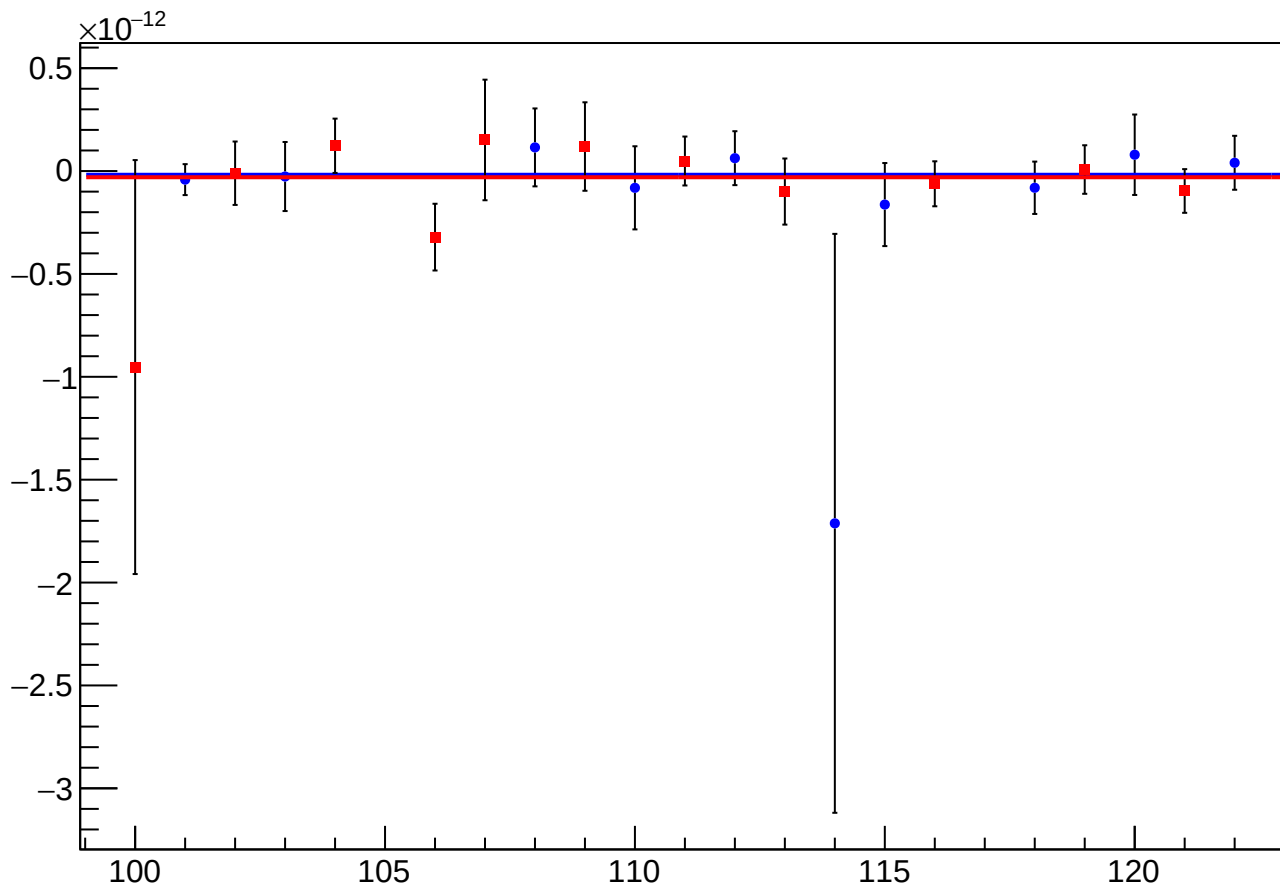
Right: 1400.544+/-0.344 χ^2/NDF : 623094.8/20

In: 1391.587+/-0.496 χ^2/NDF : 284080.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.544+/-0.344 χ^2/NDF : 623094.8/20

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 : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

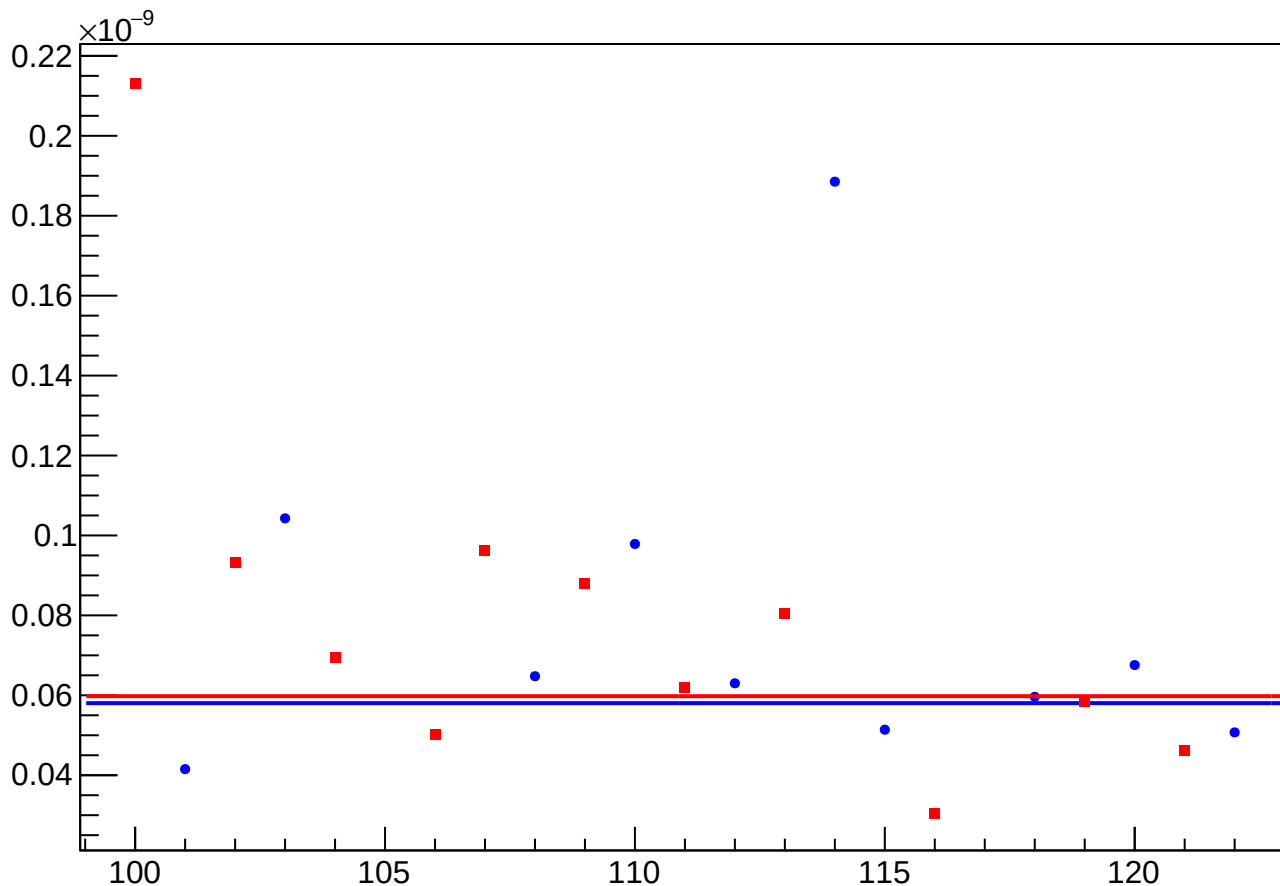
Right: -0.000+/-0.000 χ^2/NDF : 11.3/20

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 : 11.3/20

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 : 434664.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

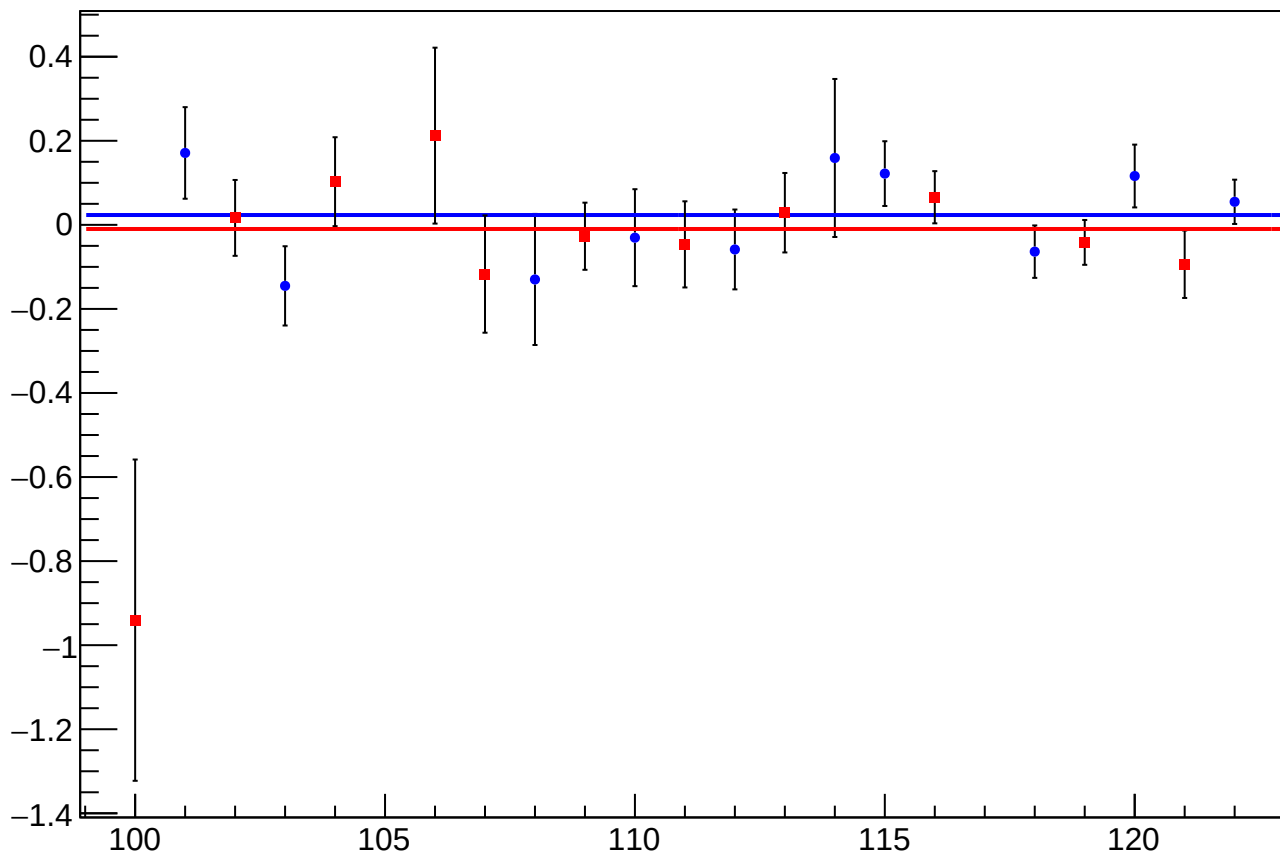
Right: 0.000+/-0.000 χ^2/NDF : 798245.7/20

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 : 798245.7/20

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: -0.010+/-0.027 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

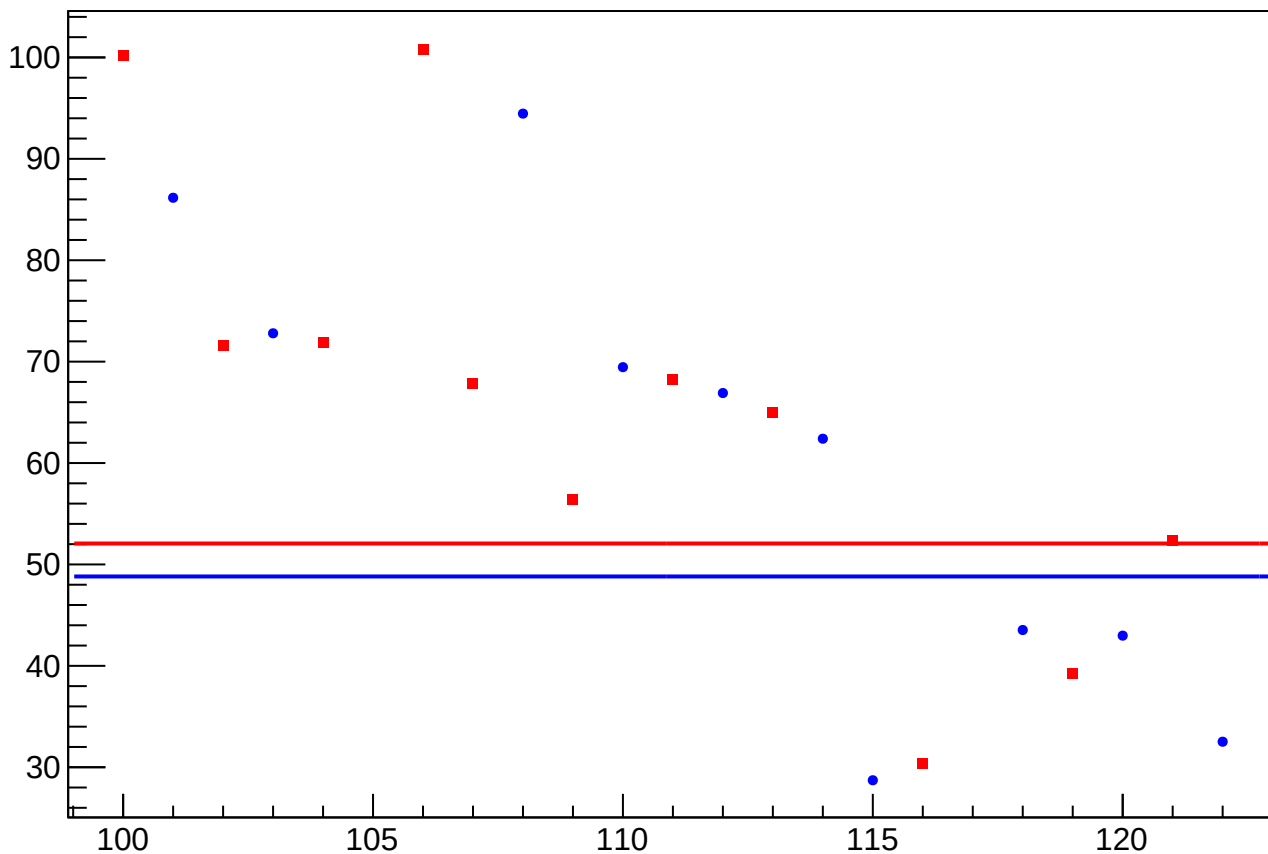
Right: 0.007+/-0.019 χ^2/NDF : 25.9/20

In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.019 χ^2/NDF : 25.9/20

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: 52.064+/-0.019 χ^2/NDF : 781459.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

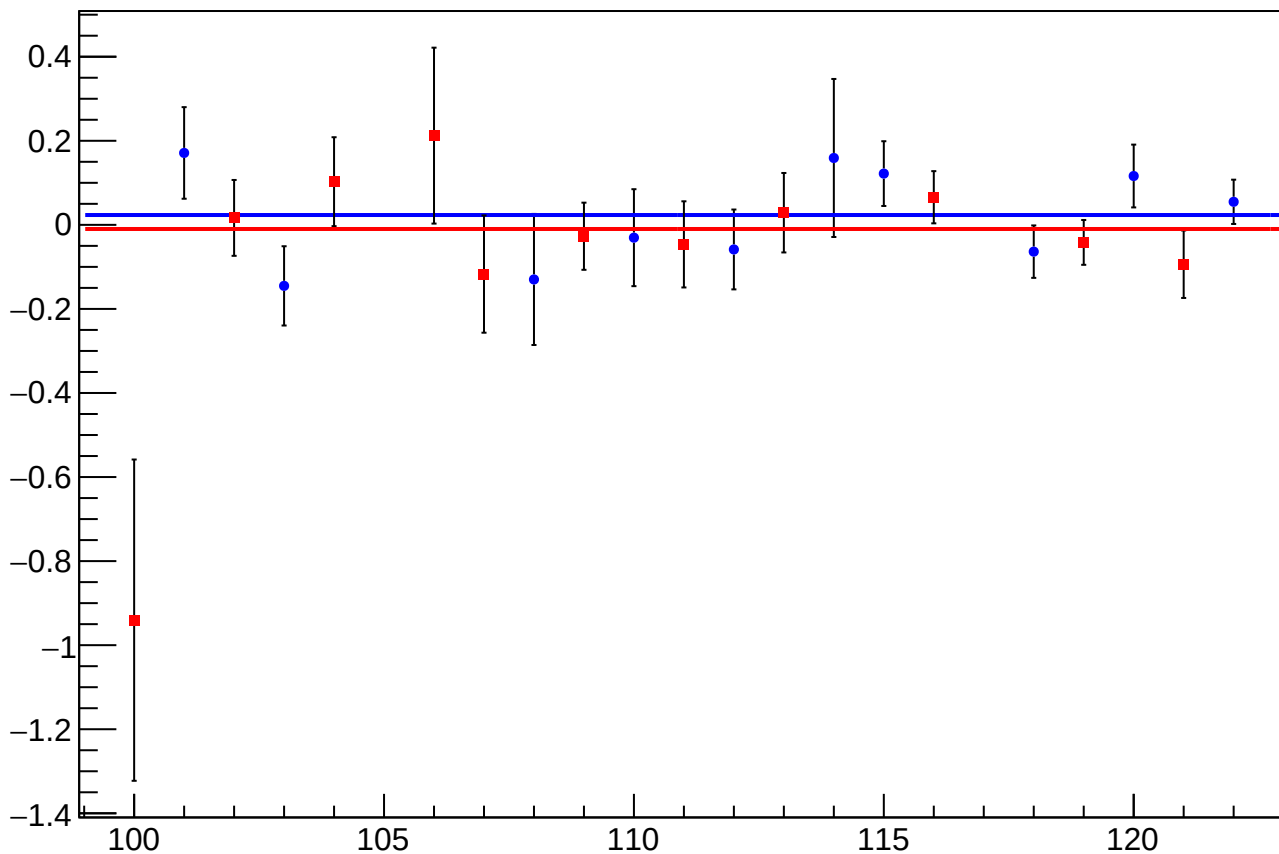
Right: 50.442+/-0.013 χ^2/NDF : 1833308.4/20

In: 48.814+/-0.019 χ^2/NDF : 1036847.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.442+/-0.013 χ^2/NDF : 1833308.4/20

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: -0.010+/-0.027 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

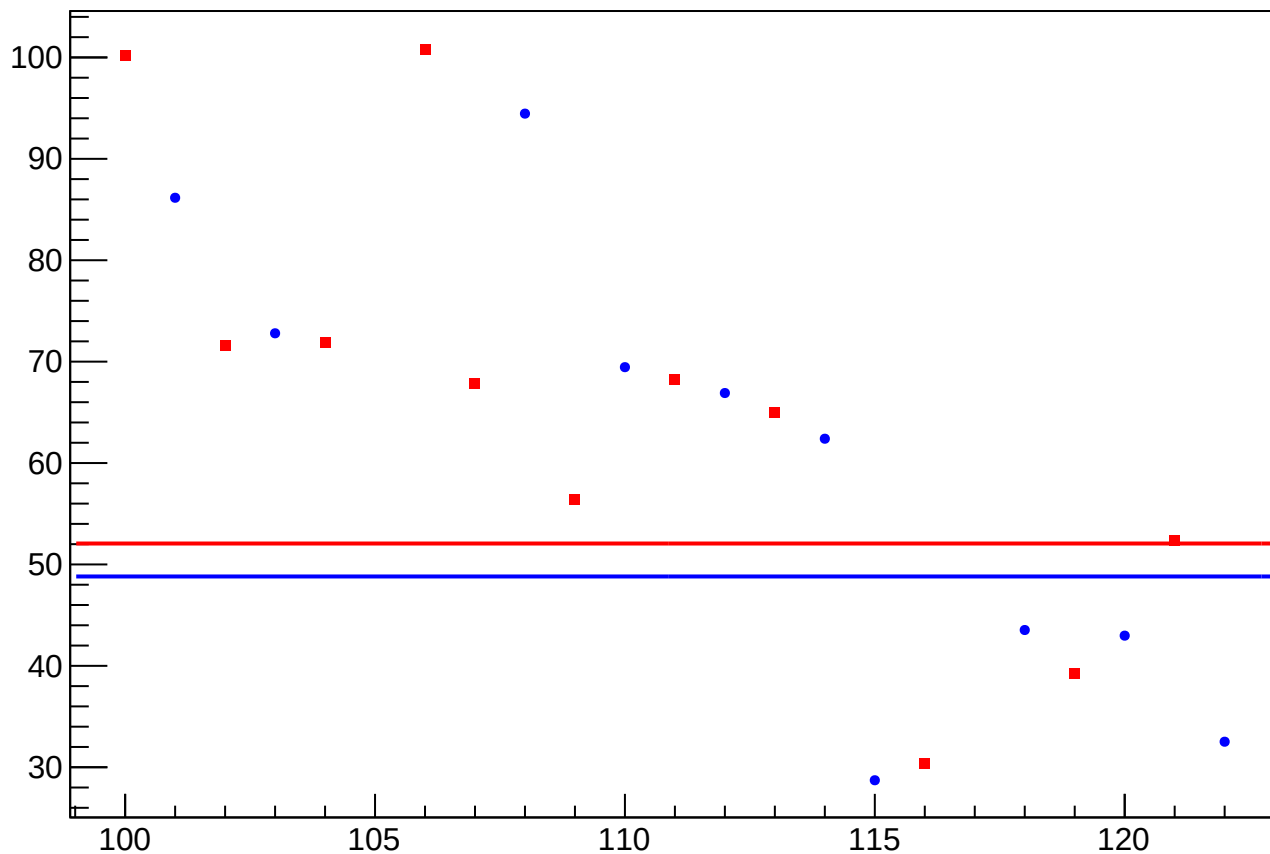
Right: 0.007+/-0.019 χ^2/NDF : 25.9/20

In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.019 χ^2/NDF : 25.9/20

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: 52.064+/-0.019 χ^2/NDF : 781459.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

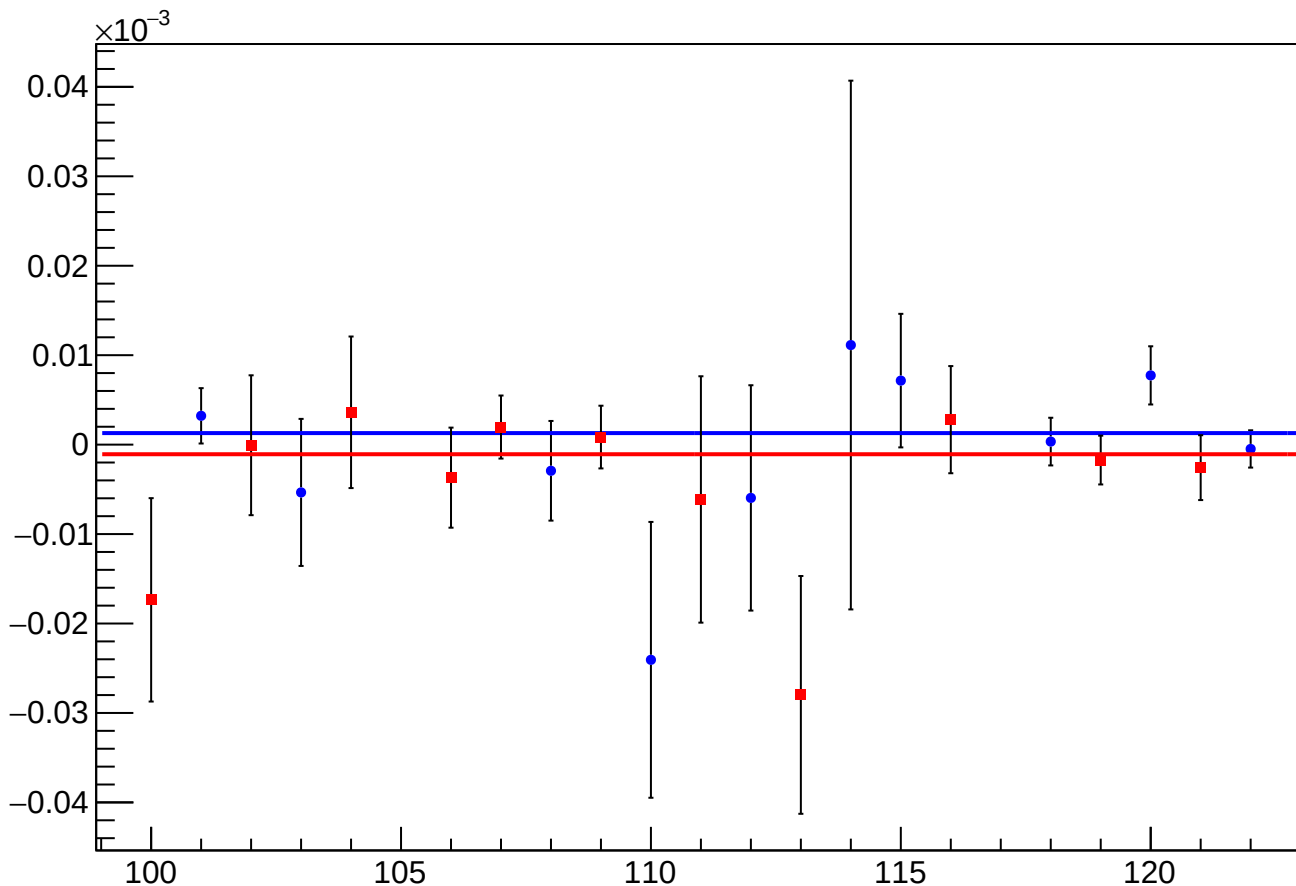
Right: 50.442+/-0.013 χ^2/NDF : 1833308.4/20

In: 48.814+/-0.019 χ^2/NDF : 1036847.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.442+/-0.013 χ^2/NDF : 1833308.4/20

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 : 8.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

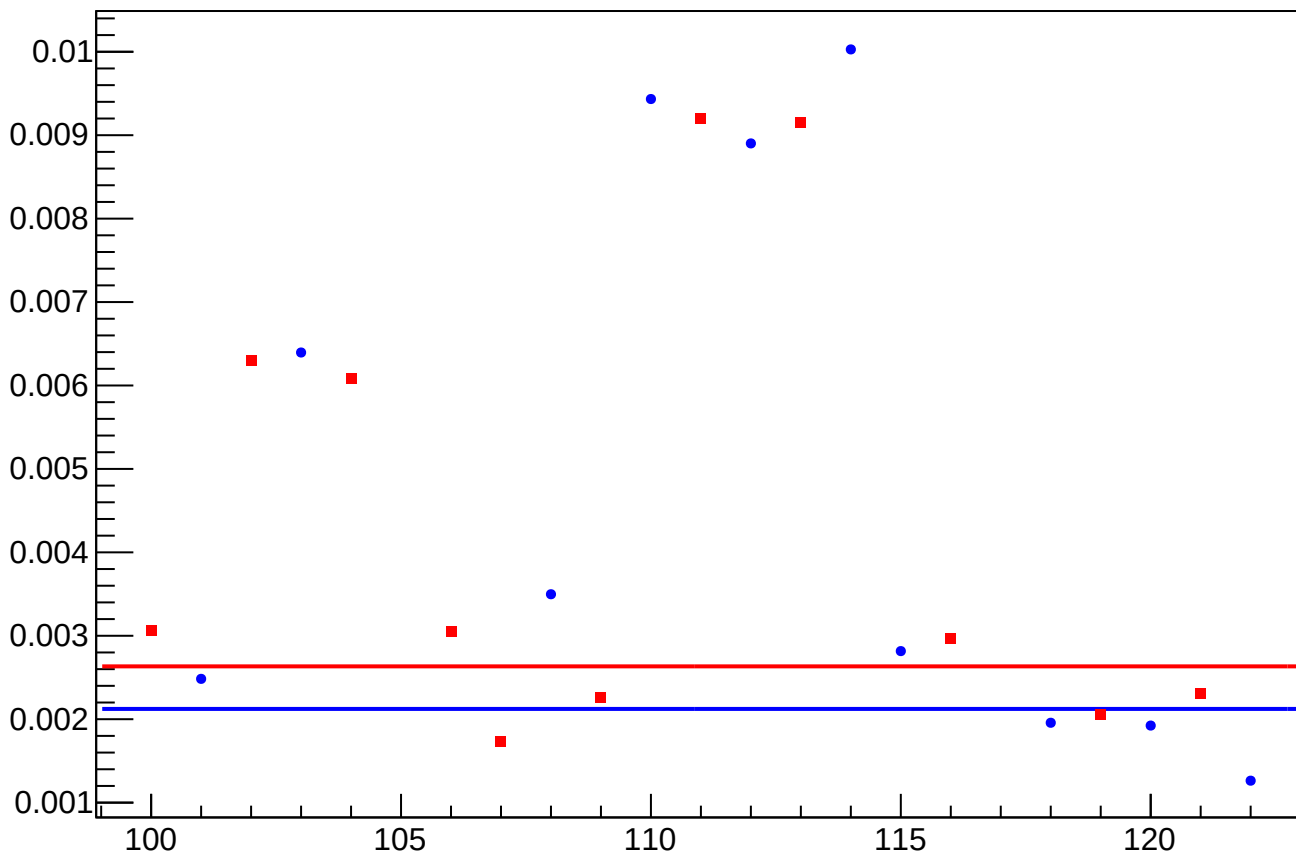
Right: 0.000+/-0.000 χ^2/NDF : 20.2/20

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 : 20.2/20

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 : 1987122.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

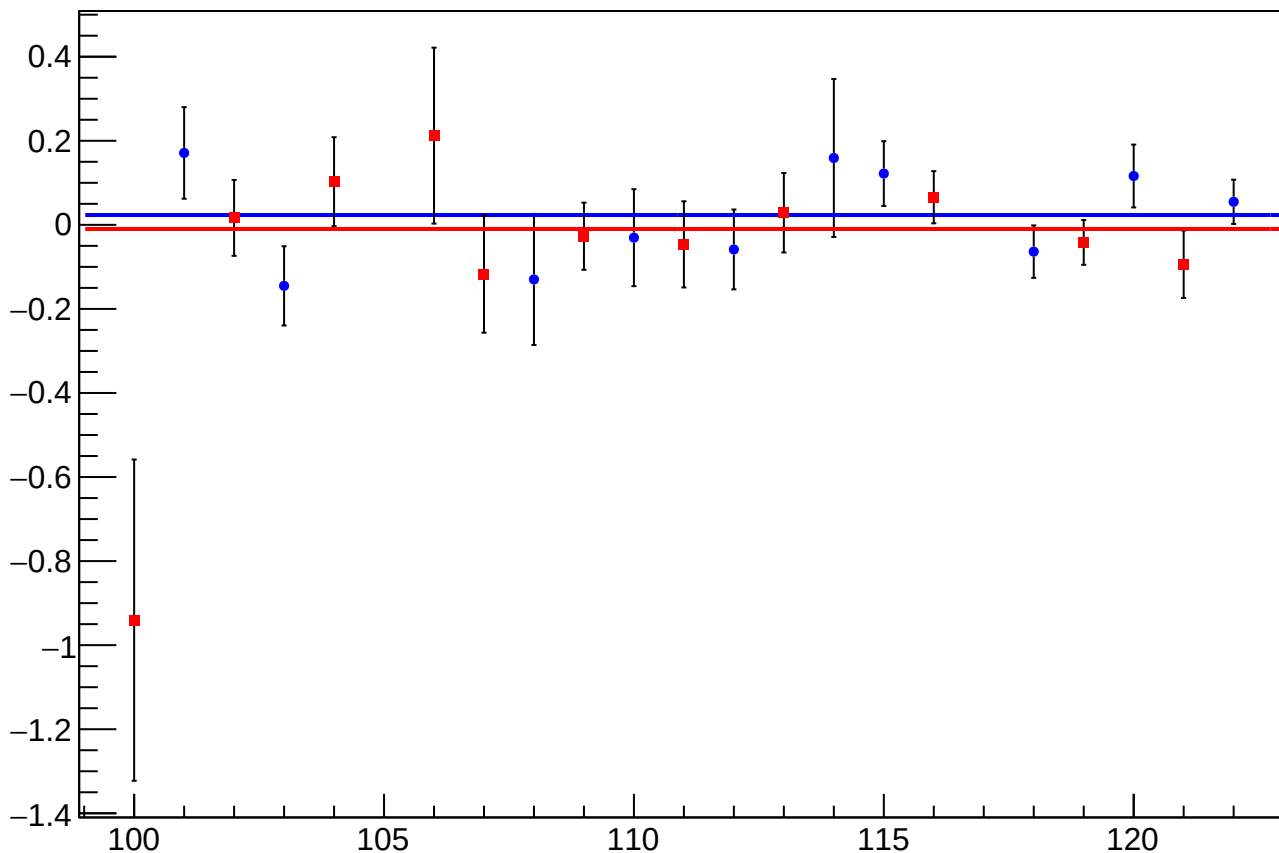
Right: 0.002+/-0.000 χ^2/NDF : 4364407.4/20

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 : 4364407.4/20

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: -0.010+/-0.027 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

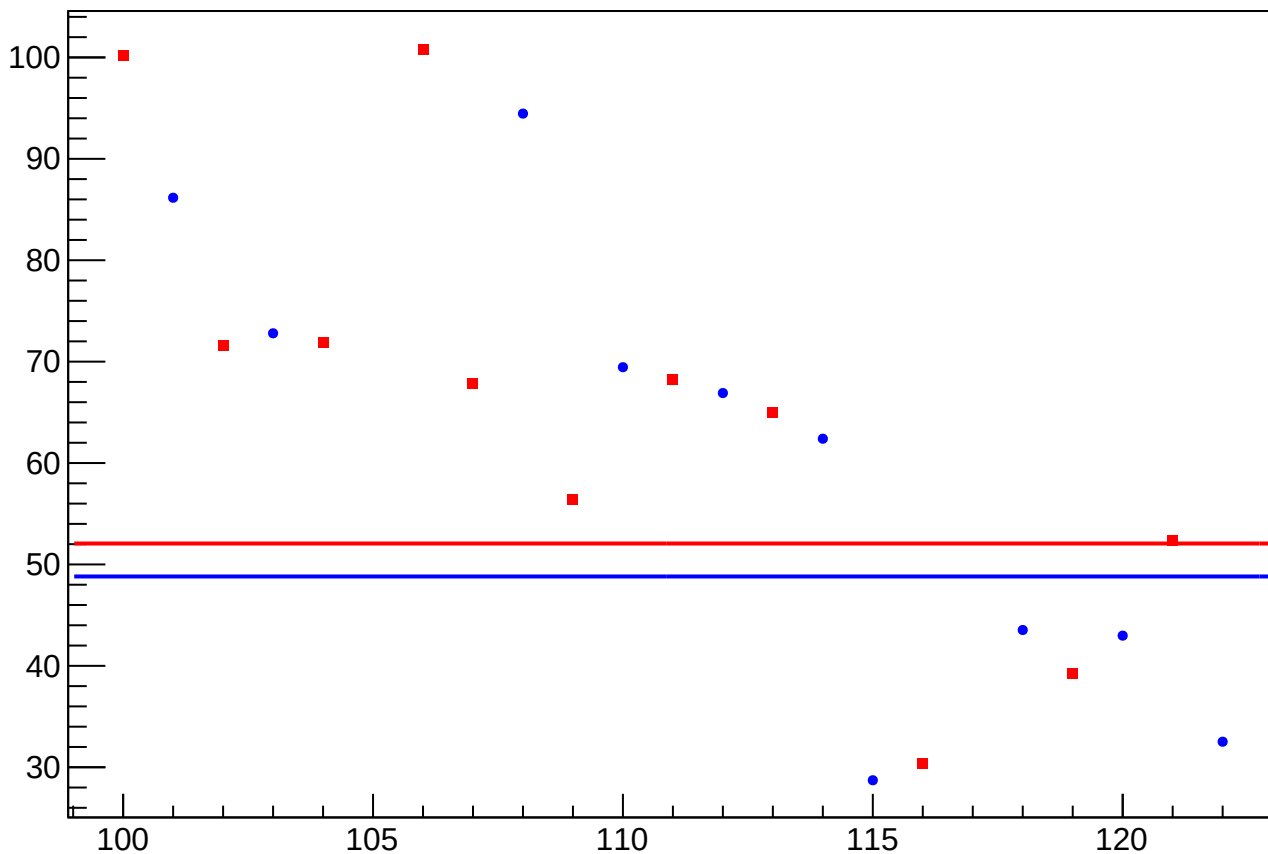
Right: 0.007+/-0.019 χ^2/NDF : 25.9/20

In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.019 χ^2/NDF : 25.9/20

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: 52.064+/-0.019 χ^2/NDF : 781418.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

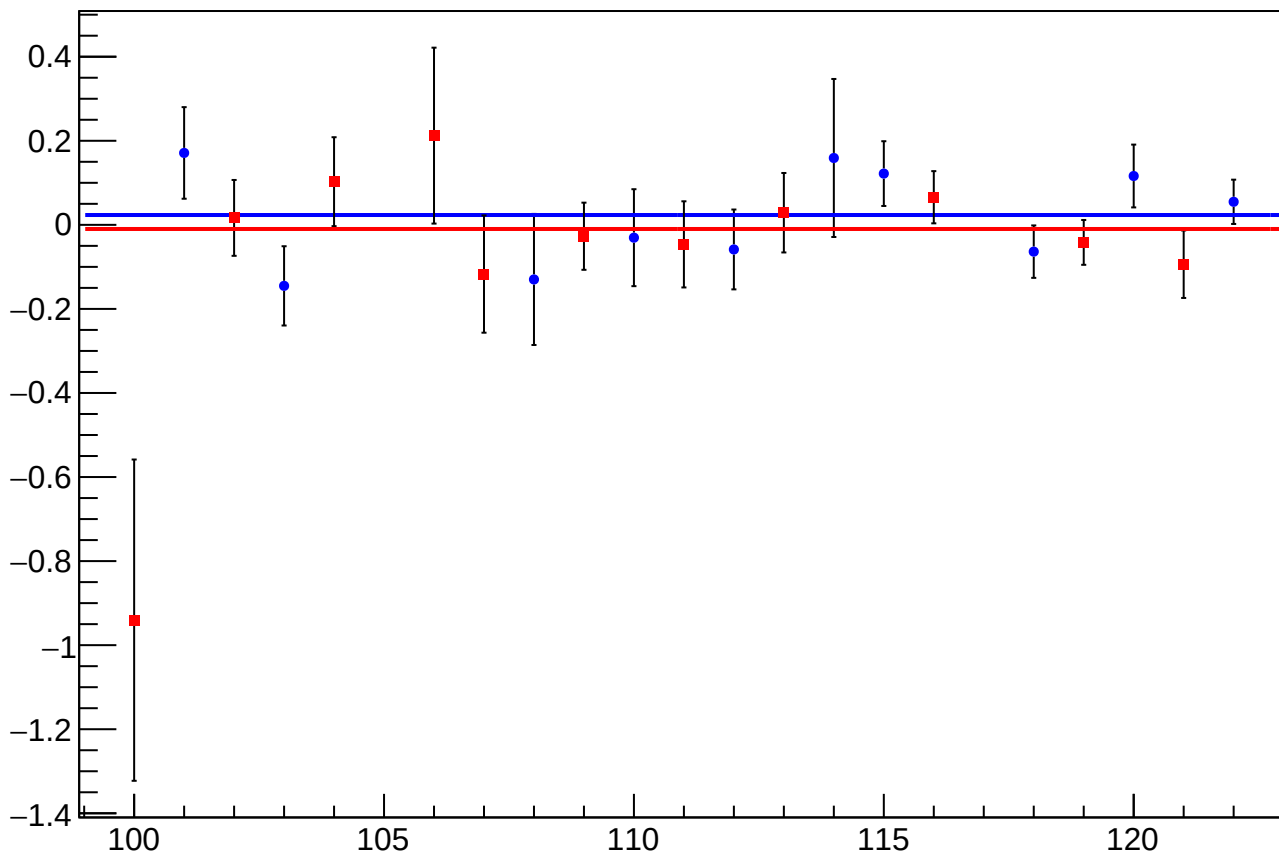
Right: 50.442+/-0.013 χ^2/NDF : 1833231.5/20

In: 48.814+/-0.019 χ^2/NDF : 1036811.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.442+/-0.013 χ^2/NDF : 1833231.5/20

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: -0.010+/-0.027 χ^2/NDF : 12.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

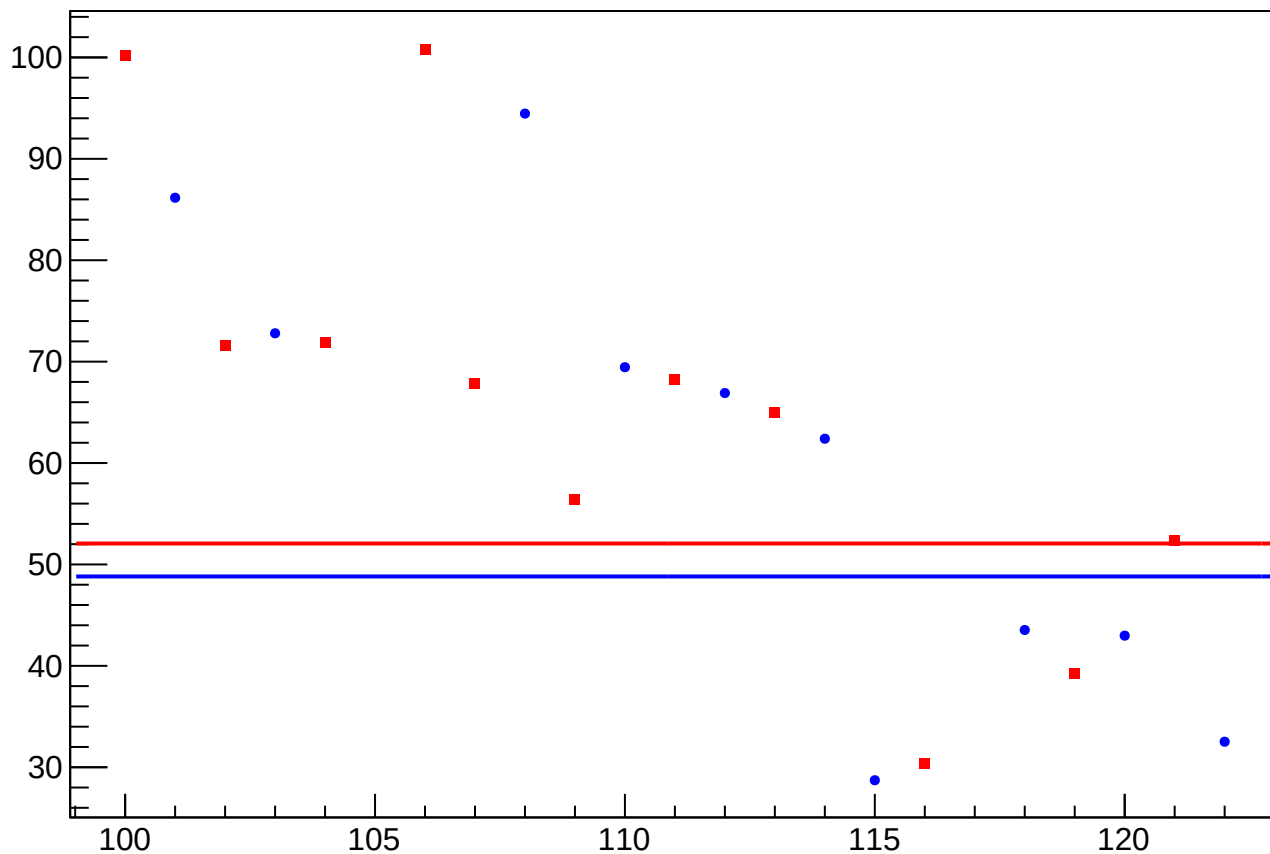
Right: 0.007+/-0.019 χ^2/NDF : 25.9/20

In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.019 χ^2/NDF : 25.9/20

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: 52.064+/-0.019 χ^2/NDF : 781418.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

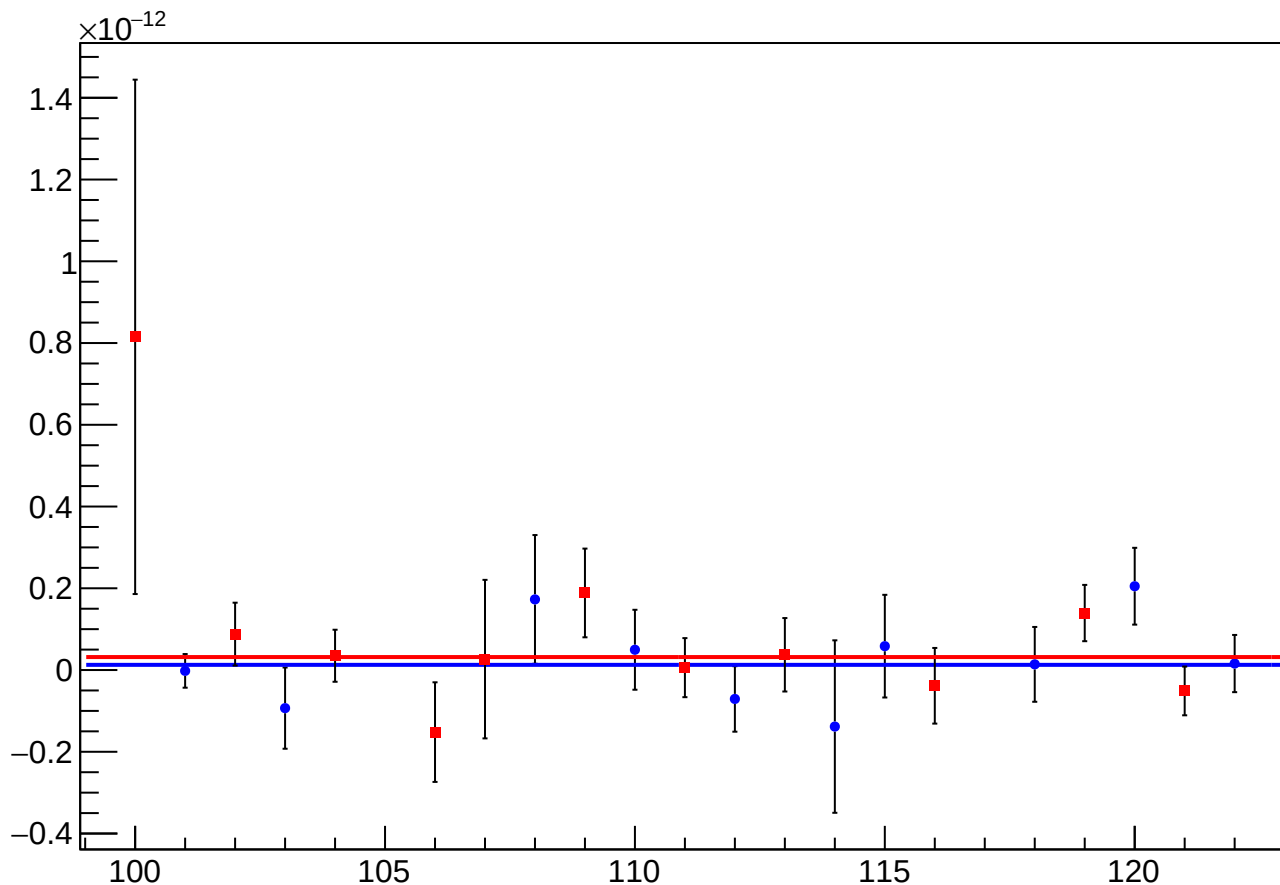
Right: 50.442+/-0.013 χ^2/NDF : 1833231.5/20

In: 48.814+/-0.019 χ^2/NDF : 1036811.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.442+/-0.013 χ^2/NDF : 1833231.5/20

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 : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

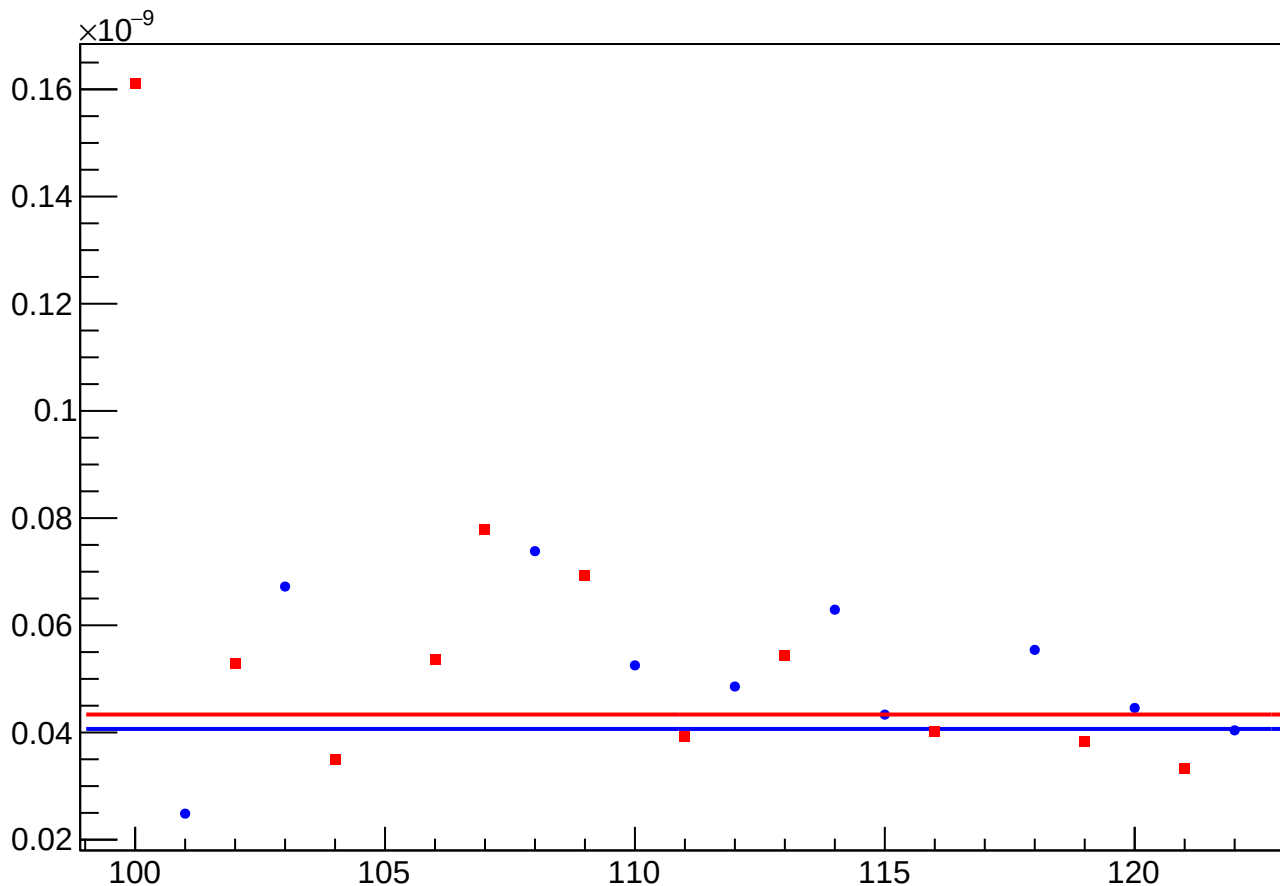
Right: 0.000+/-0.000 χ^2/NDF : 20.2/20

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 : 20.2/20

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 : 434168.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

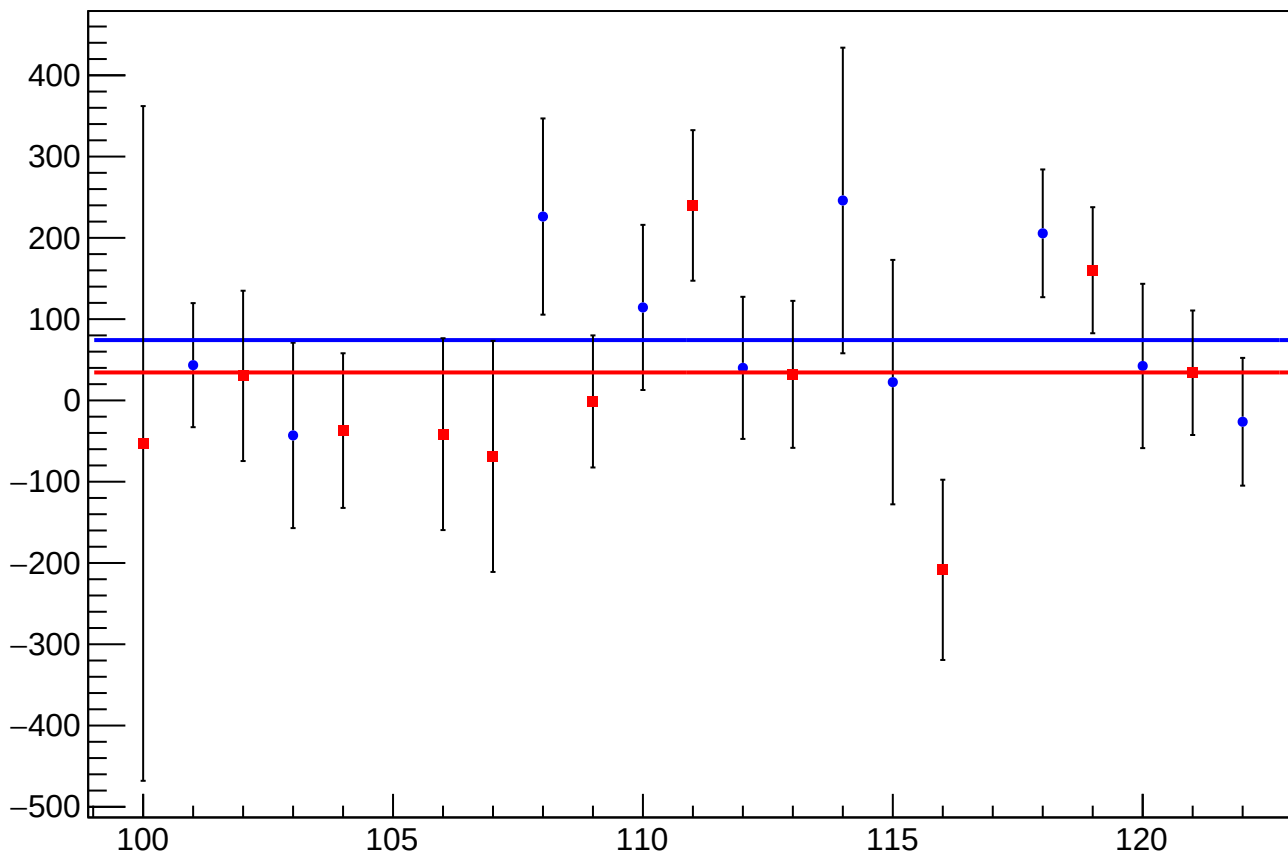
Right: 0.000+/-0.000 χ^2/NDF : 1099182.4/20

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 : 1099182.4/20

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: 34.411+/-29.653 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

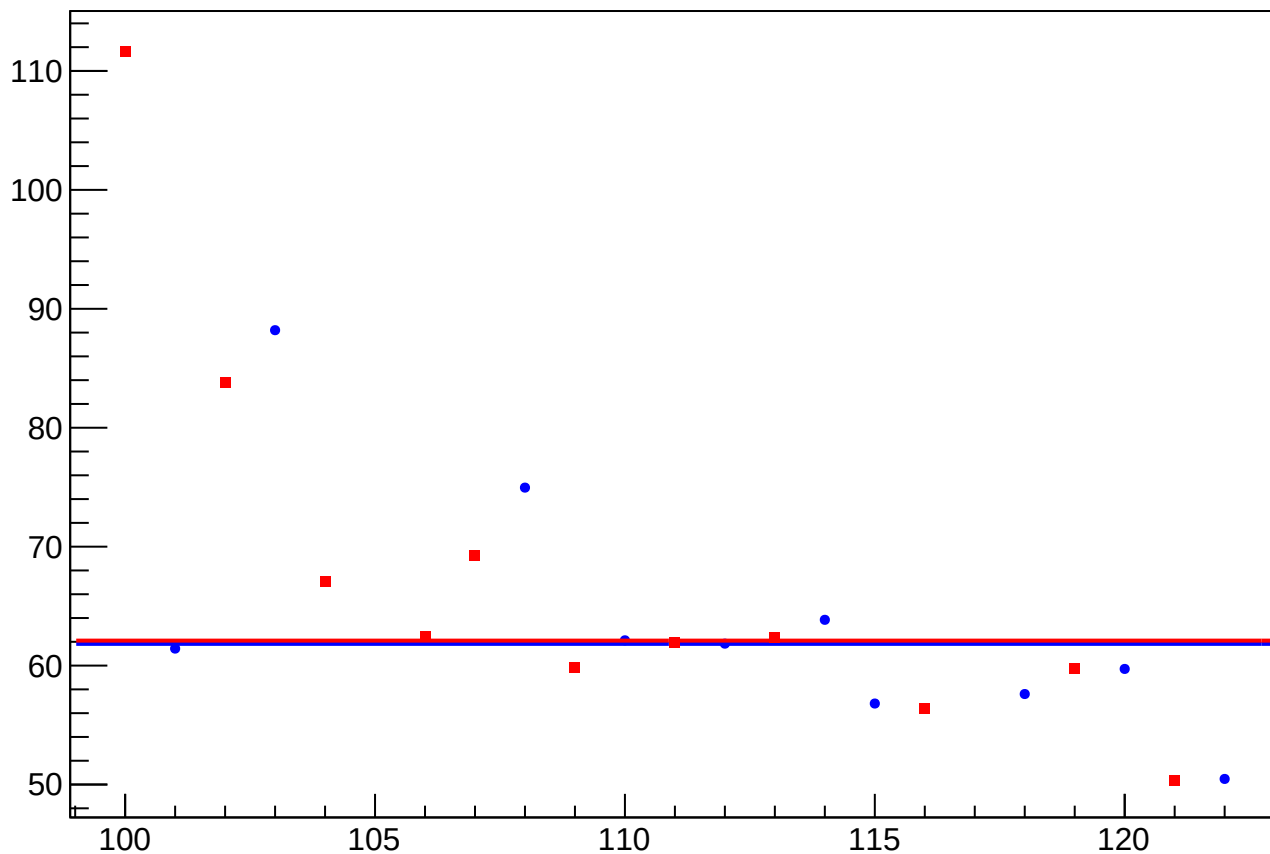
Right: 53.422+/-21.435 χ^2/NDF : 23.6/20

In: 74.227+/-31.020 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.422+/-21.435 χ^2/NDF : 23.6/20

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: 62.100+/-0.021 χ^2/NDF : 180810.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

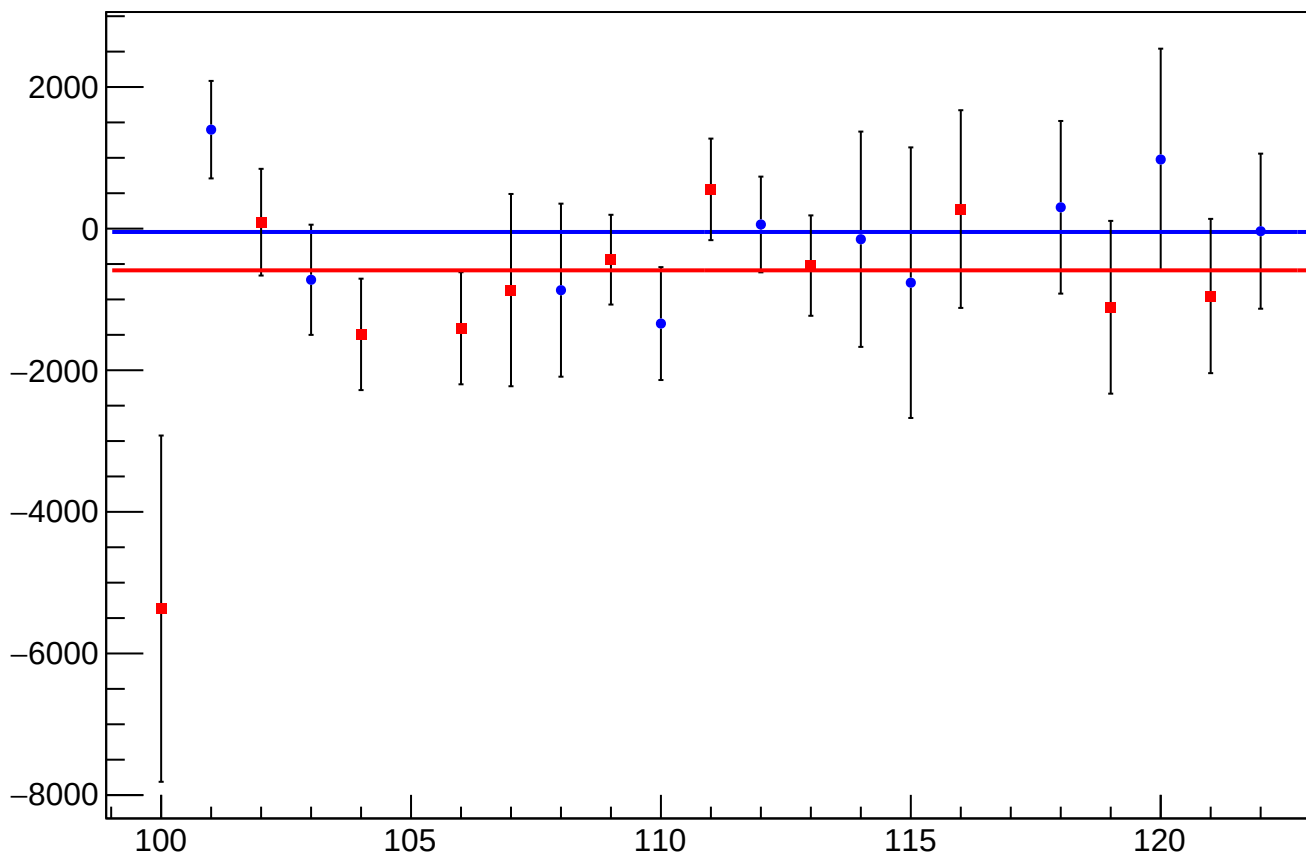
Right: 61.970+/-0.015 χ^2/NDF : 362495.1/20

In: 61.828+/-0.022 χ^2/NDF : 181604.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.970+/-0.015 χ^2/NDF : 362495.1/20

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -47.287 ± 304.075 χ^2/NDF : 8.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -589.135 ± 265.992 χ^2/NDF : 10.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

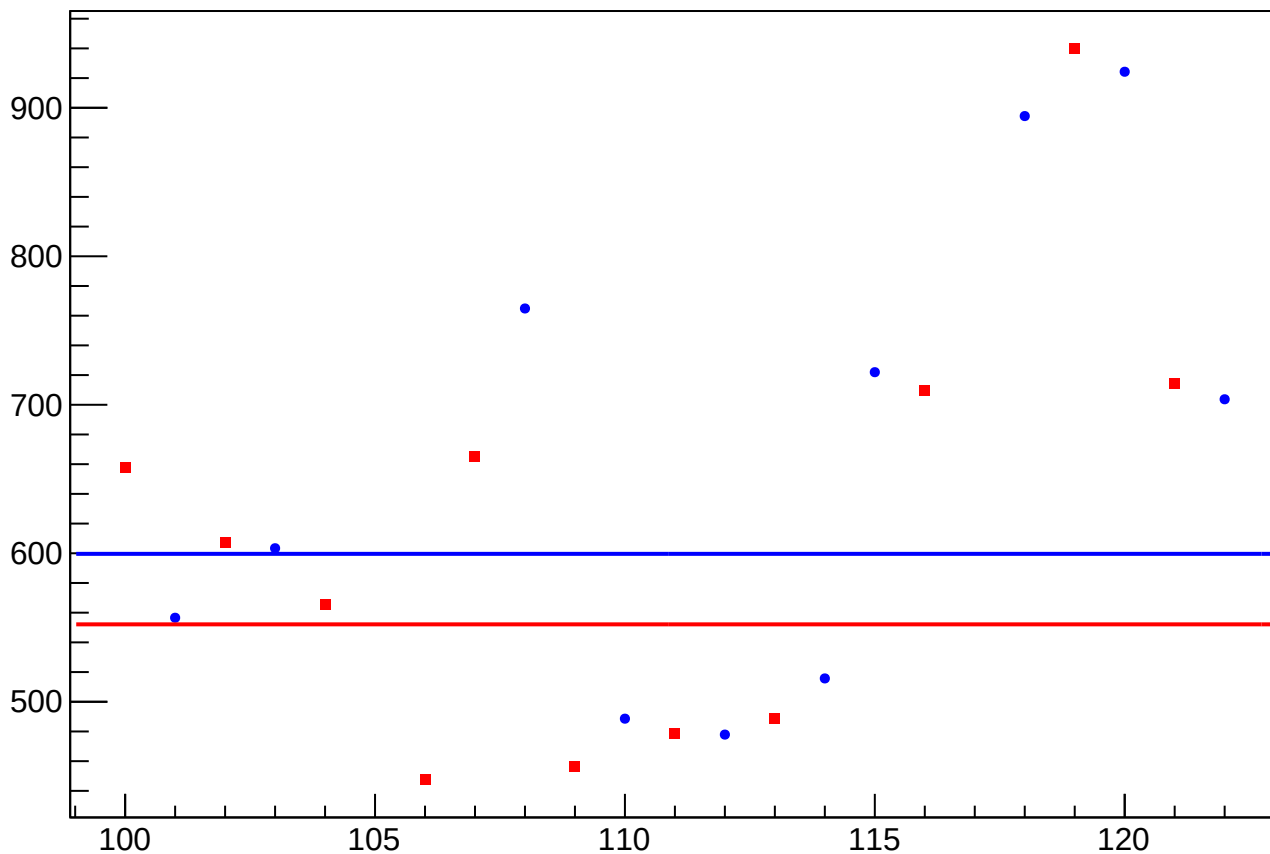
Right: -354.249 ± 200.203 χ^2/NDF : 21.1/20

In: -47.287 ± 304.075 χ^2/NDF : 8.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -354.249 ± 200.203 χ^2/NDF : 21.1/20

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: 552.138+/-0.188 χ^2/NDF : 417752.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

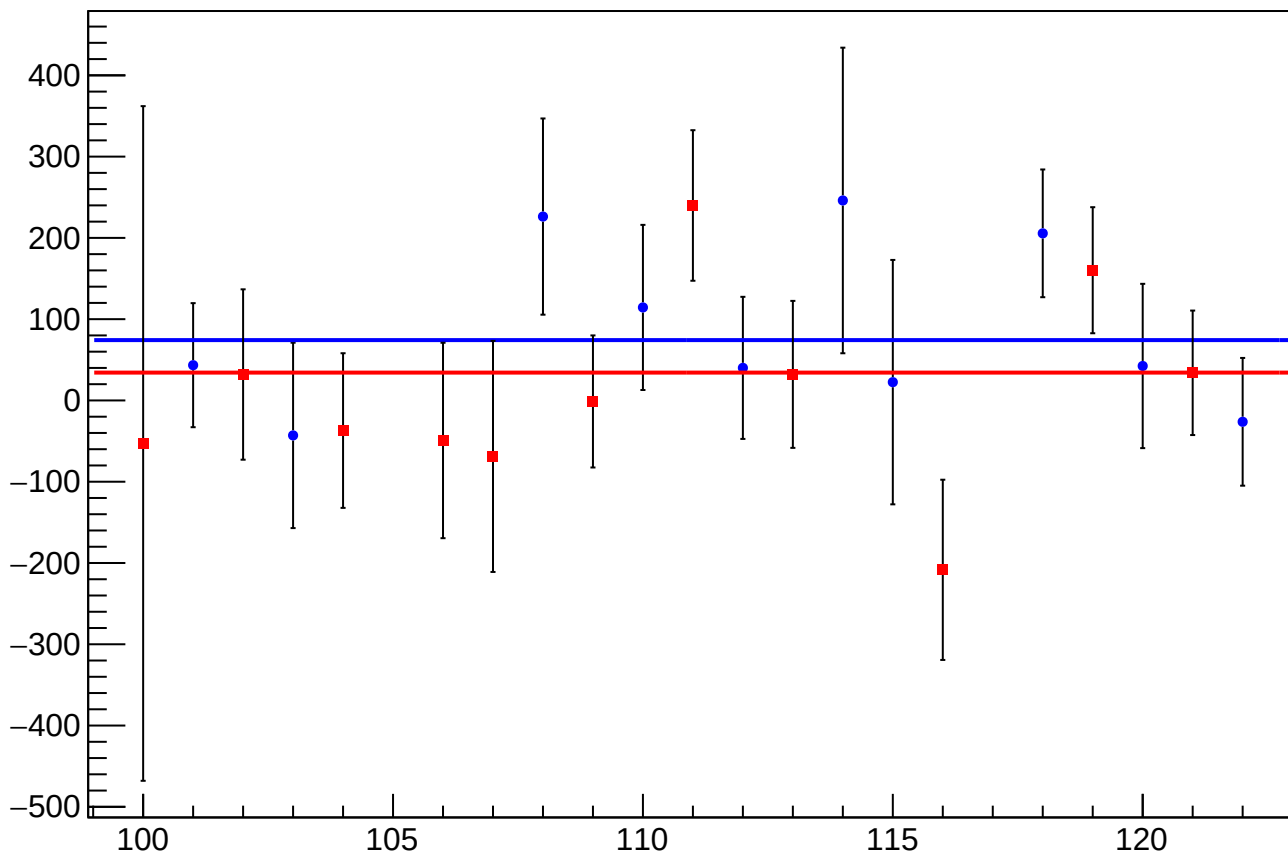
Right: 572.718+/-0.142 χ^2/NDF : 828813.0/20

In: 599.613+/-0.215 χ^2/NDF : 383440.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.718+/-0.142 χ^2/NDF : 828813.0/20

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: 34.261+/-29.688 χ^2/NDF : 14.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

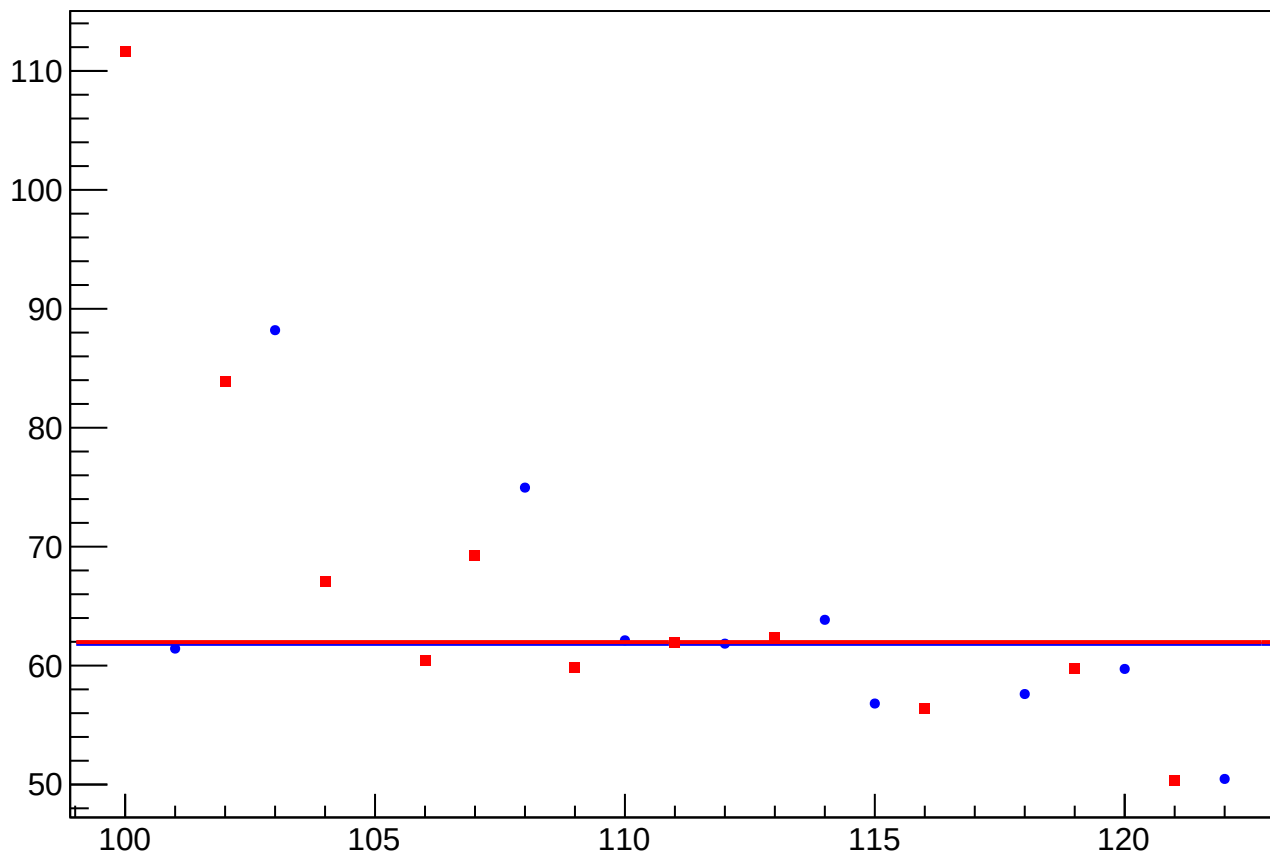
Right: 53.372+/-21.448 χ^2/NDF : 23.6/20

In: 74.238+/-31.020 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.372+/-21.448 χ^2/NDF : 23.6/20

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: 61.977+/-0.021 χ^2/NDF : 181361.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

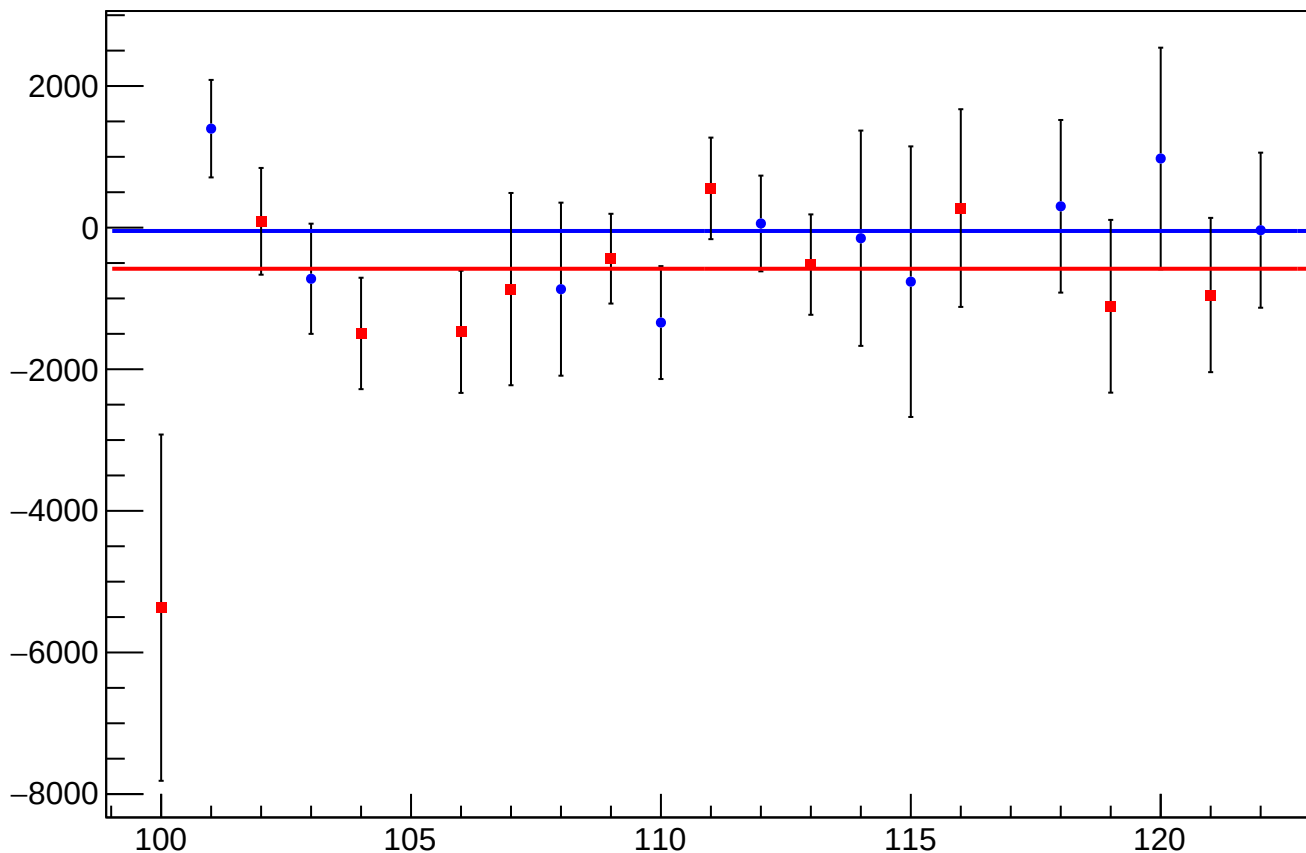
Right: 61.905+/-0.015 χ^2/NDF : 362992.8/20

In: 61.828+/-0.022 χ^2/NDF : 181607.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.905+/-0.015 χ^2/NDF : 362992.8/20

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: -580.791+/-268.425 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

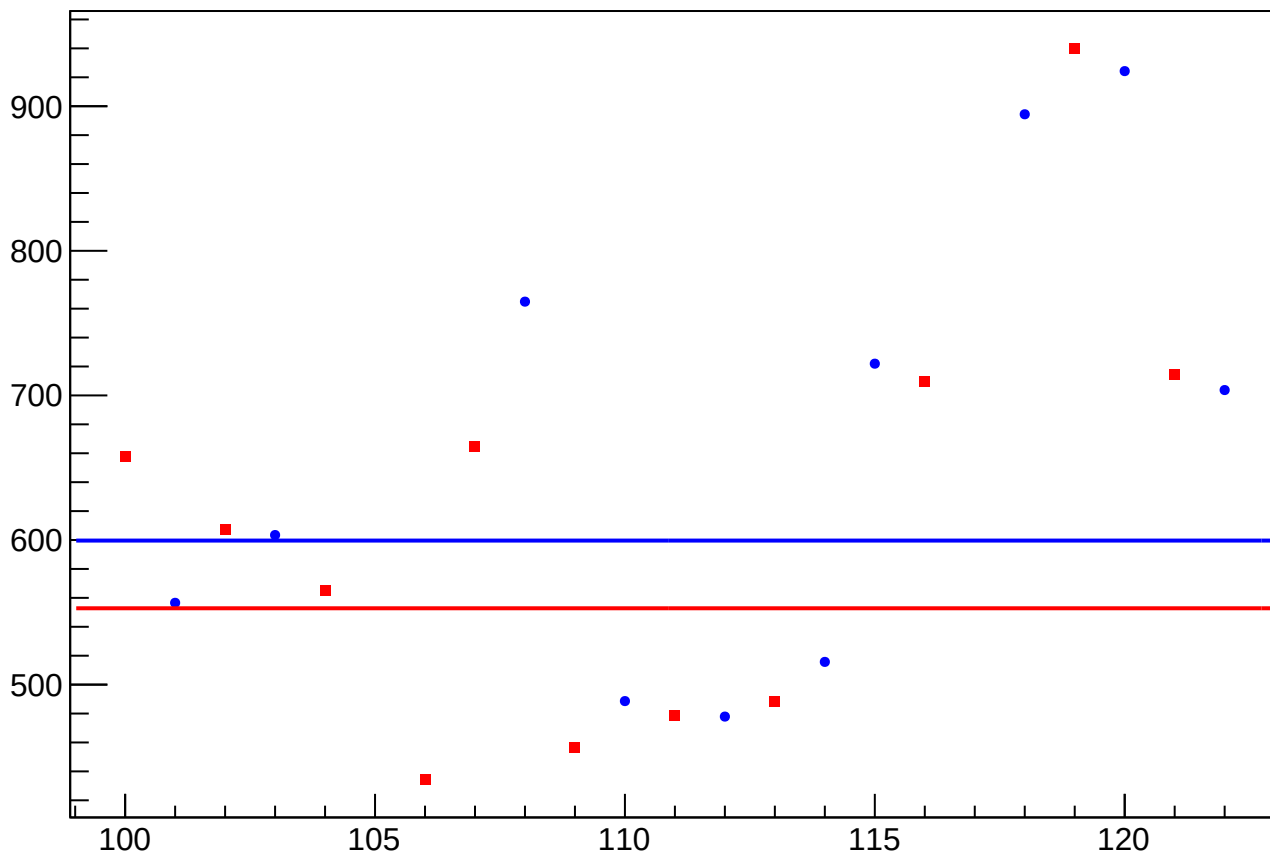
Right: -347.111+/-201.236 χ^2/NDF : 21.0/20

In: -47.229+/-304.079 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -347.111+/-201.236 χ^2/NDF : 21.0/20

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: 552.800+/-0.190 χ^2/NDF : 420194.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

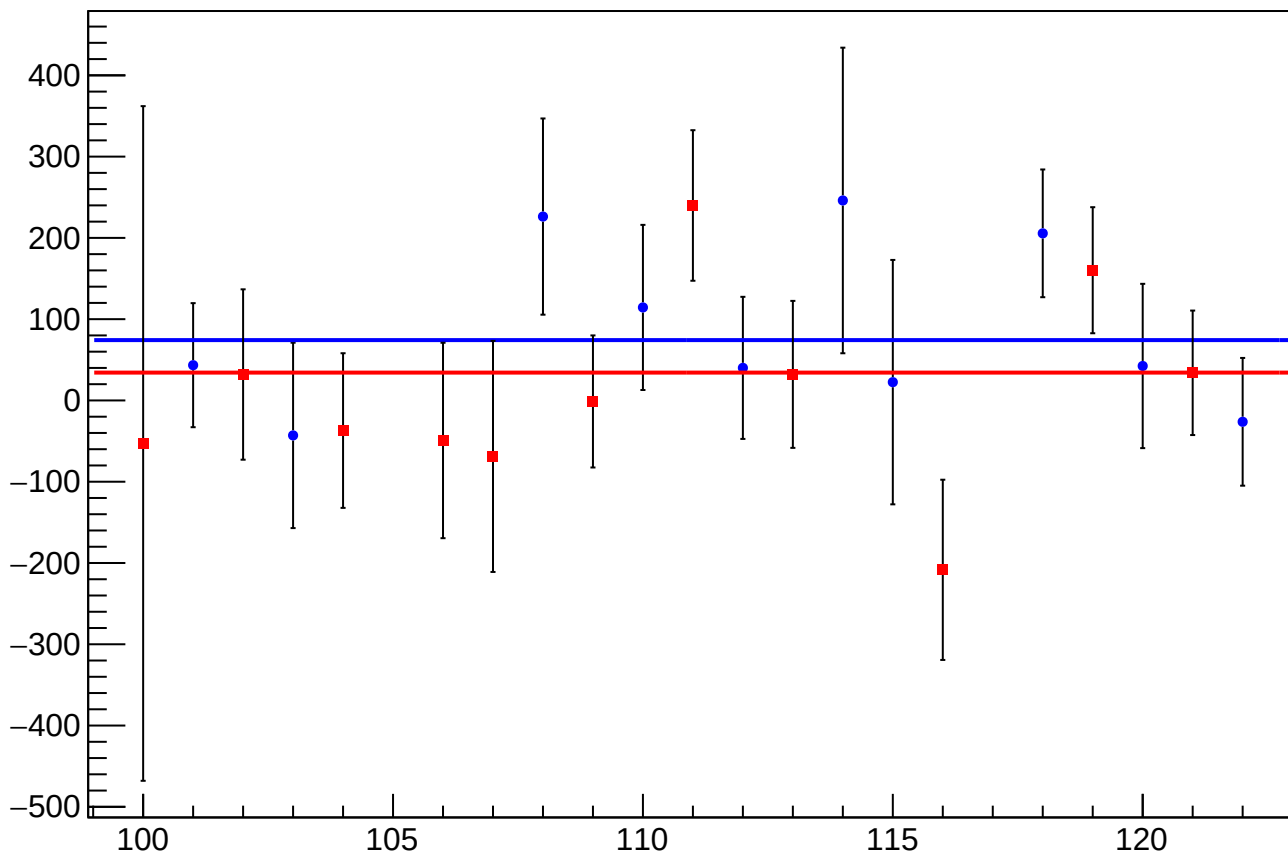
Right: 573.305+/-0.142 χ^2/NDF : 830286.7/20

In: 599.620+/-0.215 χ^2/NDF : 383441.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.305+/-0.142 χ^2/NDF : 830286.7/20

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: 34.261+/-29.688 χ^2/NDF : 14.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

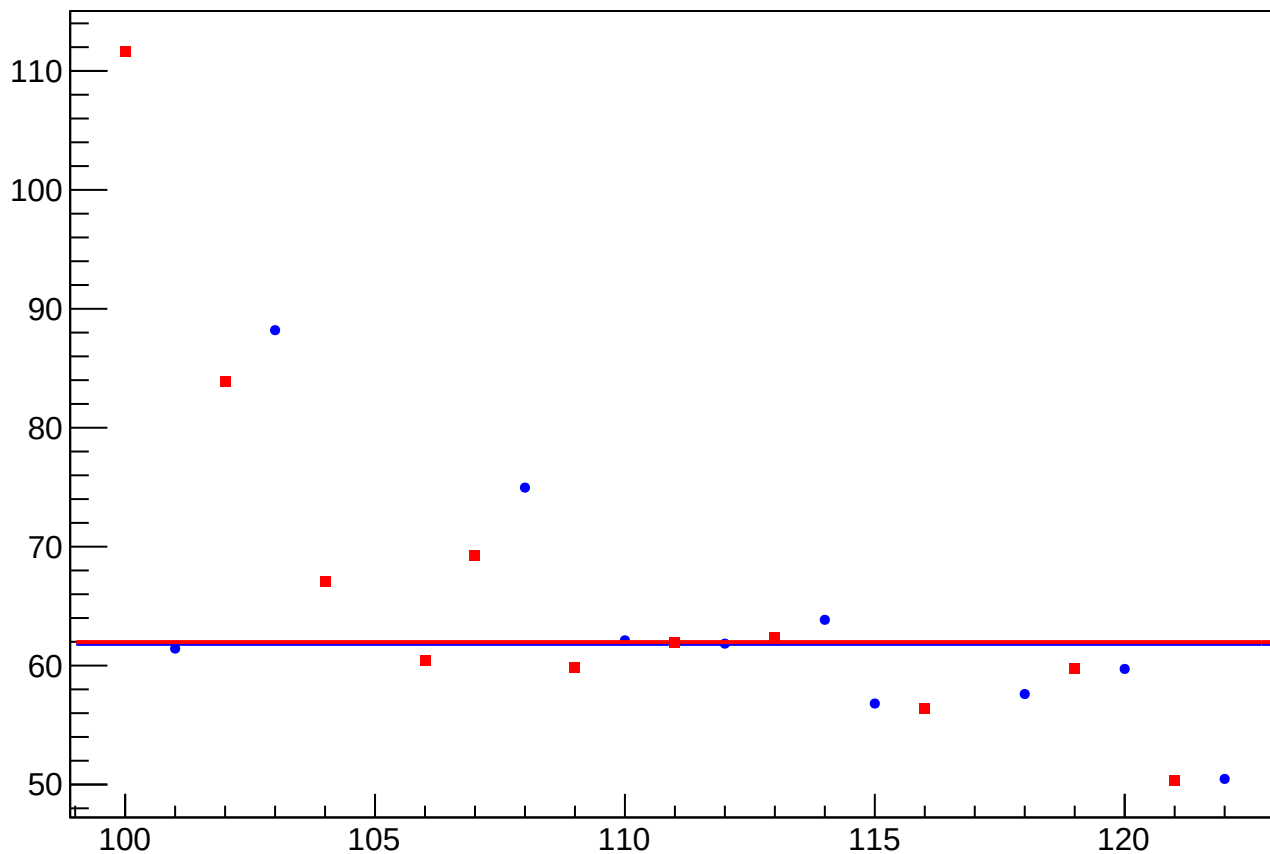
Right: 53.372+/-21.448 χ^2/NDF : 23.6/20

In: 74.238+/-31.020 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.372+/-21.448 χ^2/NDF : 23.6/20

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: 61.977+/-0.021 χ^2/NDF : 181361.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

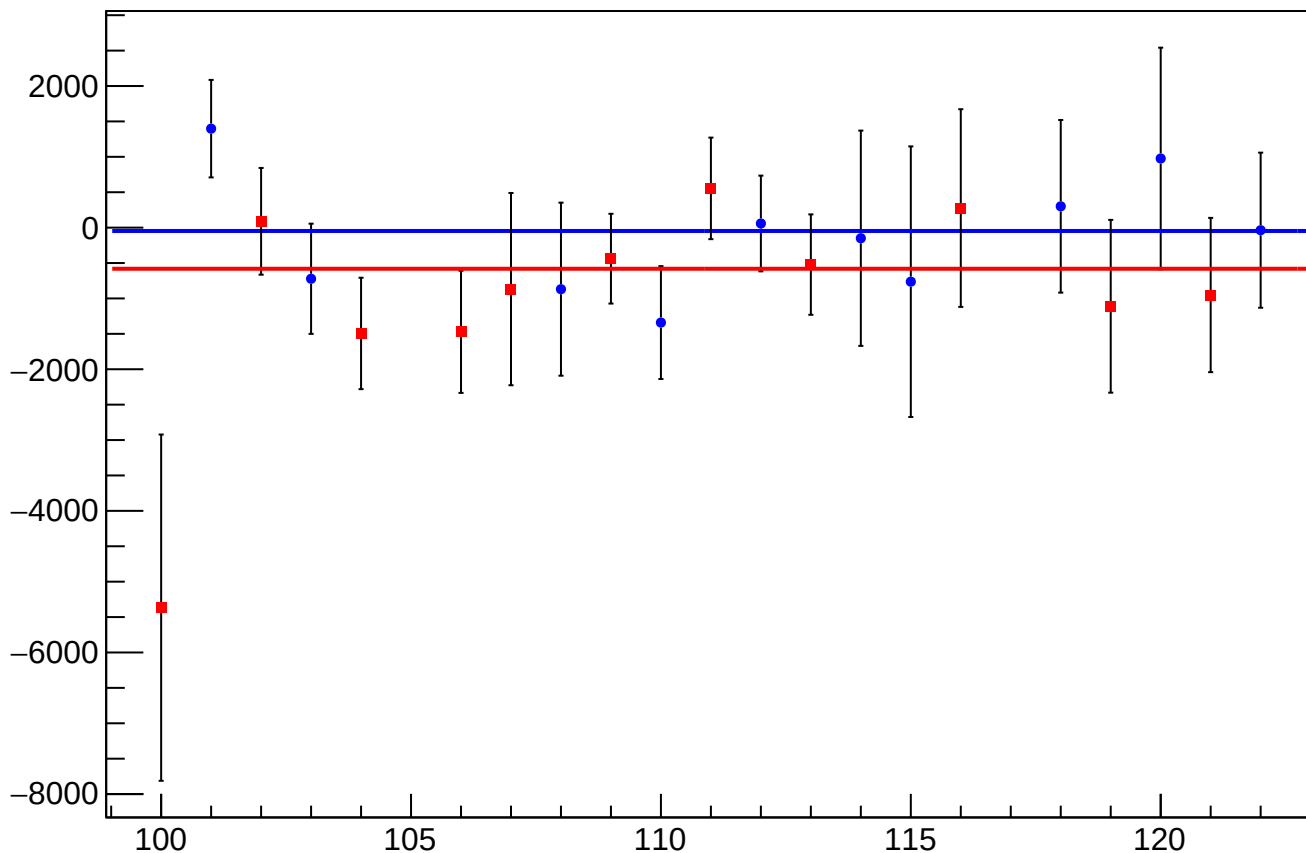
Right: 61.905+/-0.015 χ^2/NDF : 362992.8/20

In: 61.828+/-0.022 χ^2/NDF : 181607.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.905+/-0.015 χ^2/NDF : 362992.8/20

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: -580.791 ± 268.425 χ^2/NDF : 10.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

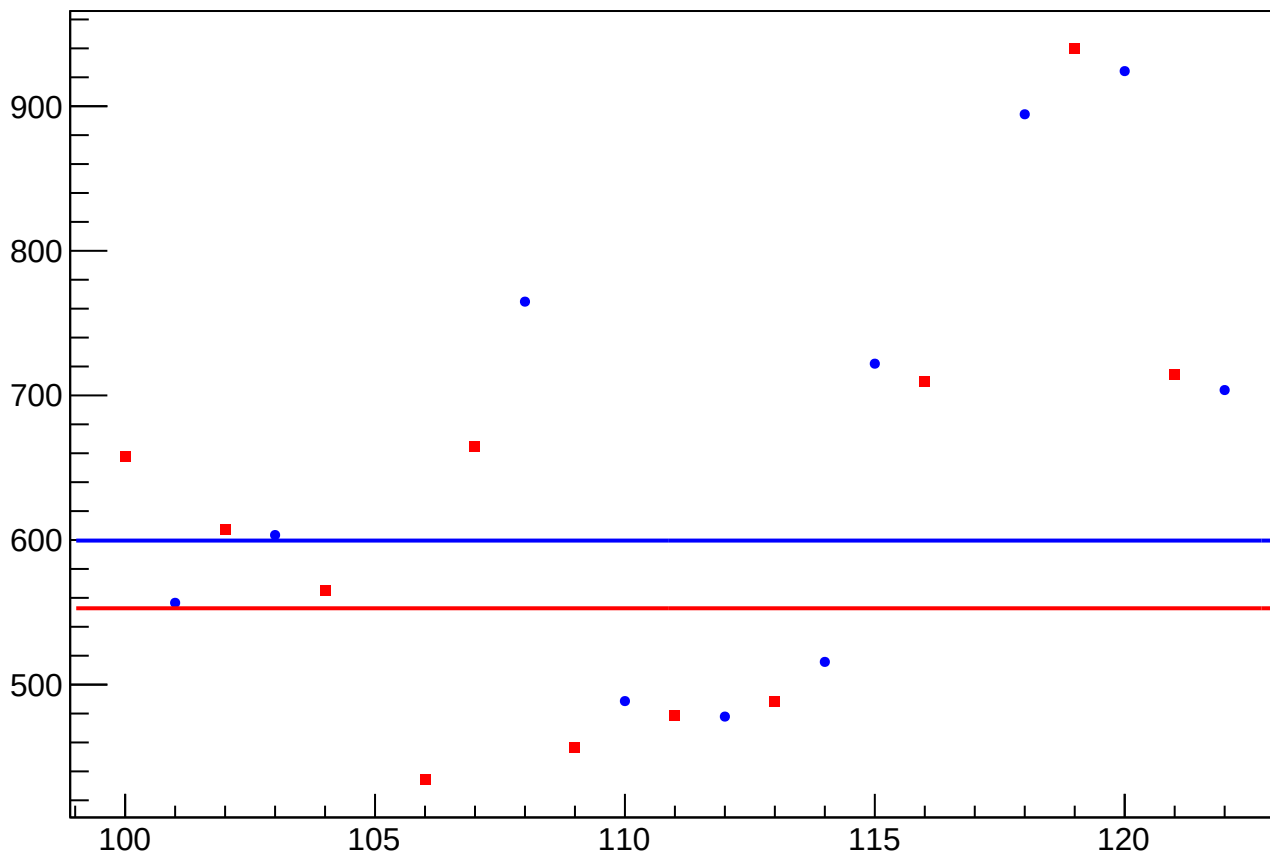
Right: -347.111 ± 201.236 χ^2/NDF : 21.0/20

In: -47.229 ± 304.079 χ^2/NDF : 8.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -347.111 ± 201.236 χ^2/NDF : 21.0/20

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: 552.800+/-0.190 χ^2/NDF : 420194.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

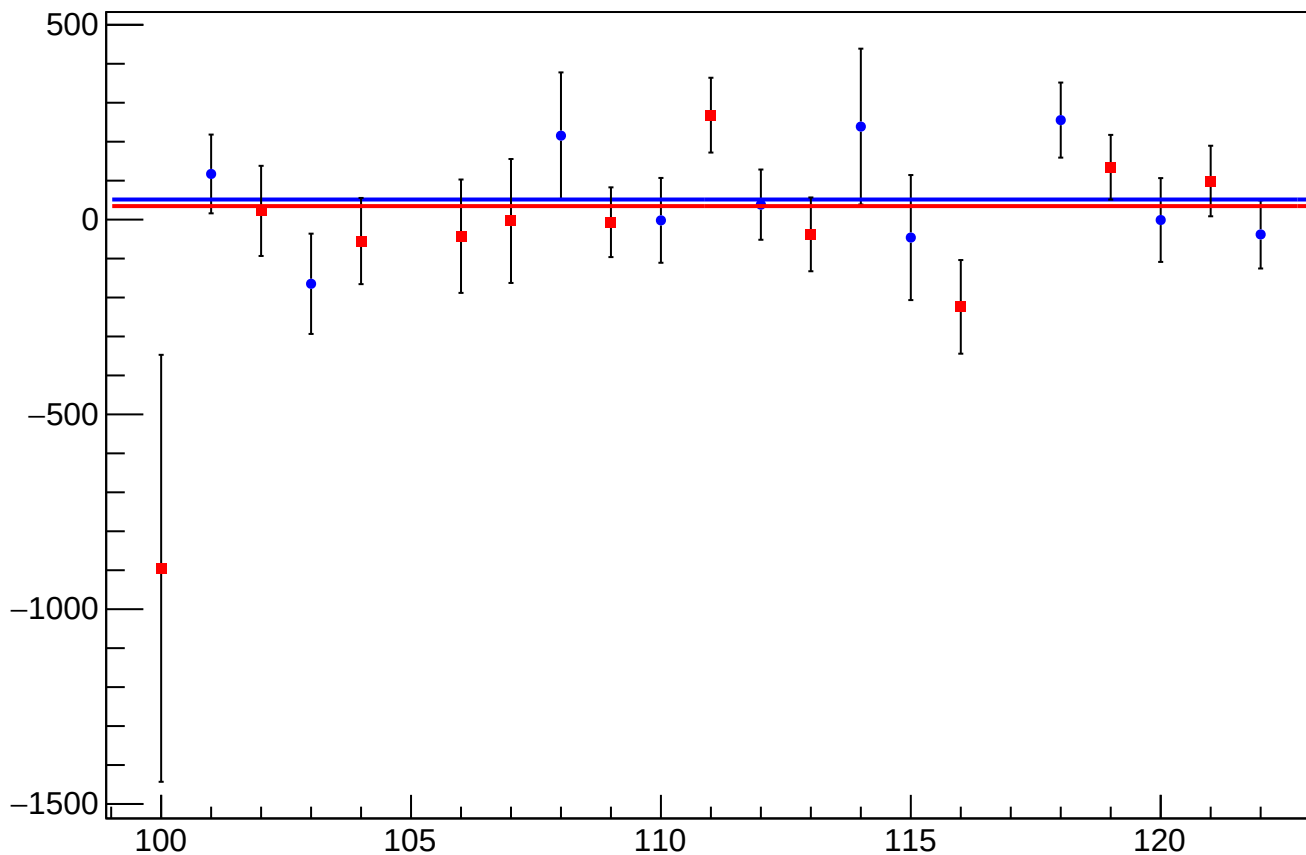
Right: 573.305+/-0.142 χ^2/NDF : 830286.7/20

In: 599.620+/-0.215 χ^2/NDF : 383441.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.305+/-0.142 χ^2/NDF : 830286.7/20

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: 34.664+/-32.834 χ^2/NDF : 17.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

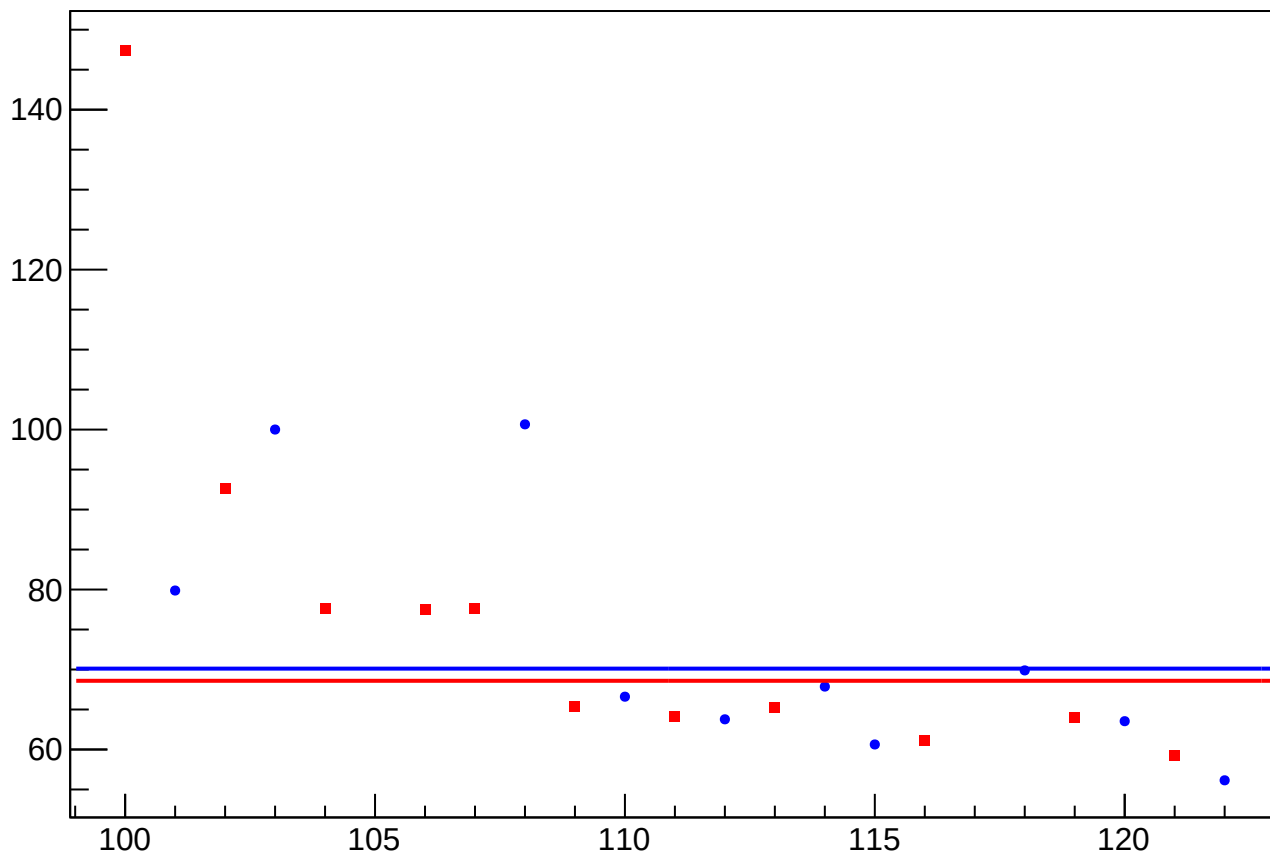
Right: 42.460+/-24.113 χ^2/NDF : 28.8/20

In: 51.587+/-35.527 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.460+/-24.113 χ^2/NDF : 28.8/20

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: 68.589 $\pm$ 0.023 χ^2 /NDF: 199932.4/10

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

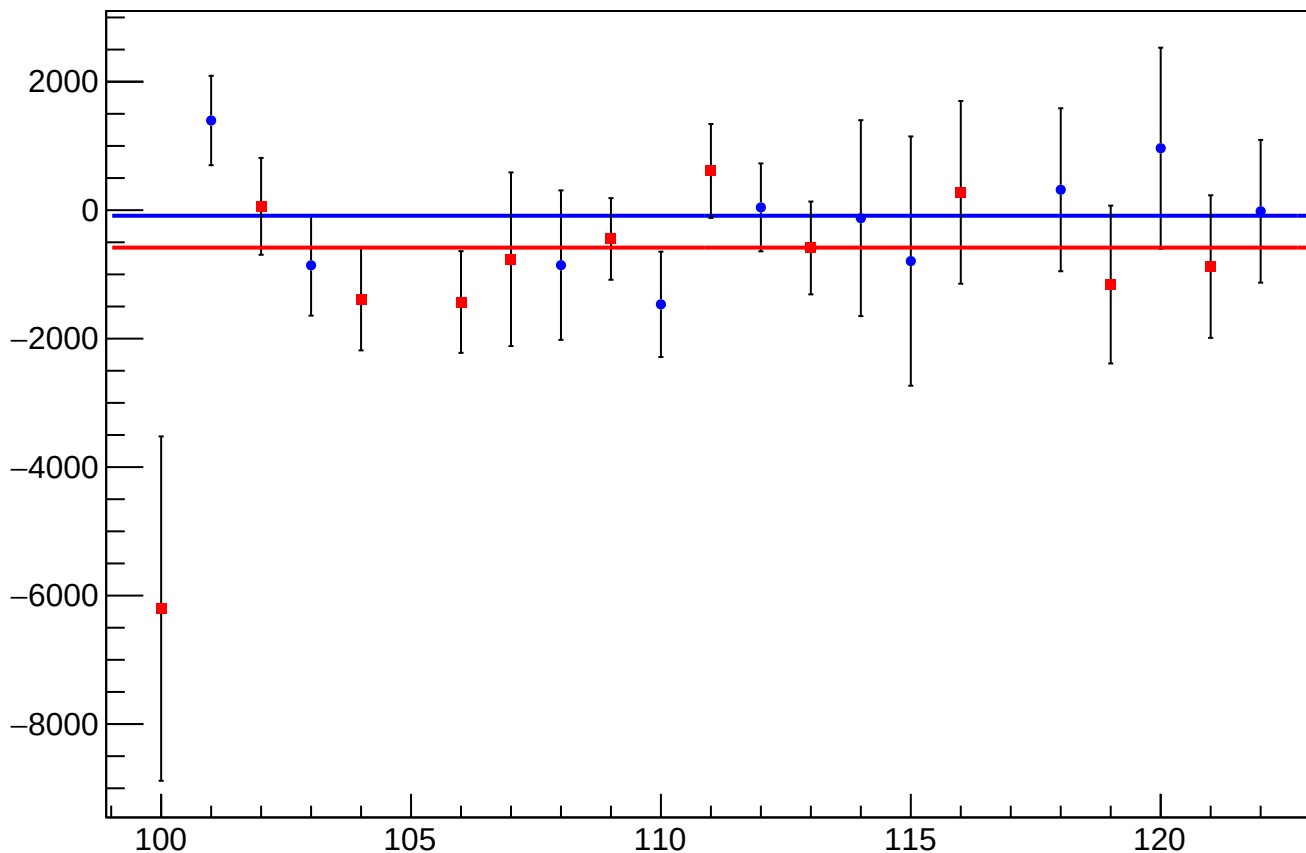
Right: 69.291 $\pm$ 0.017 χ^2 /NDF: 476900.2/20

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: 69.291 $\pm$ 0.017 χ^2 /NDF: 476900.2/20

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: -582.763 ± 268.757 $\chi^2/\text{NDF}: 10.7/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

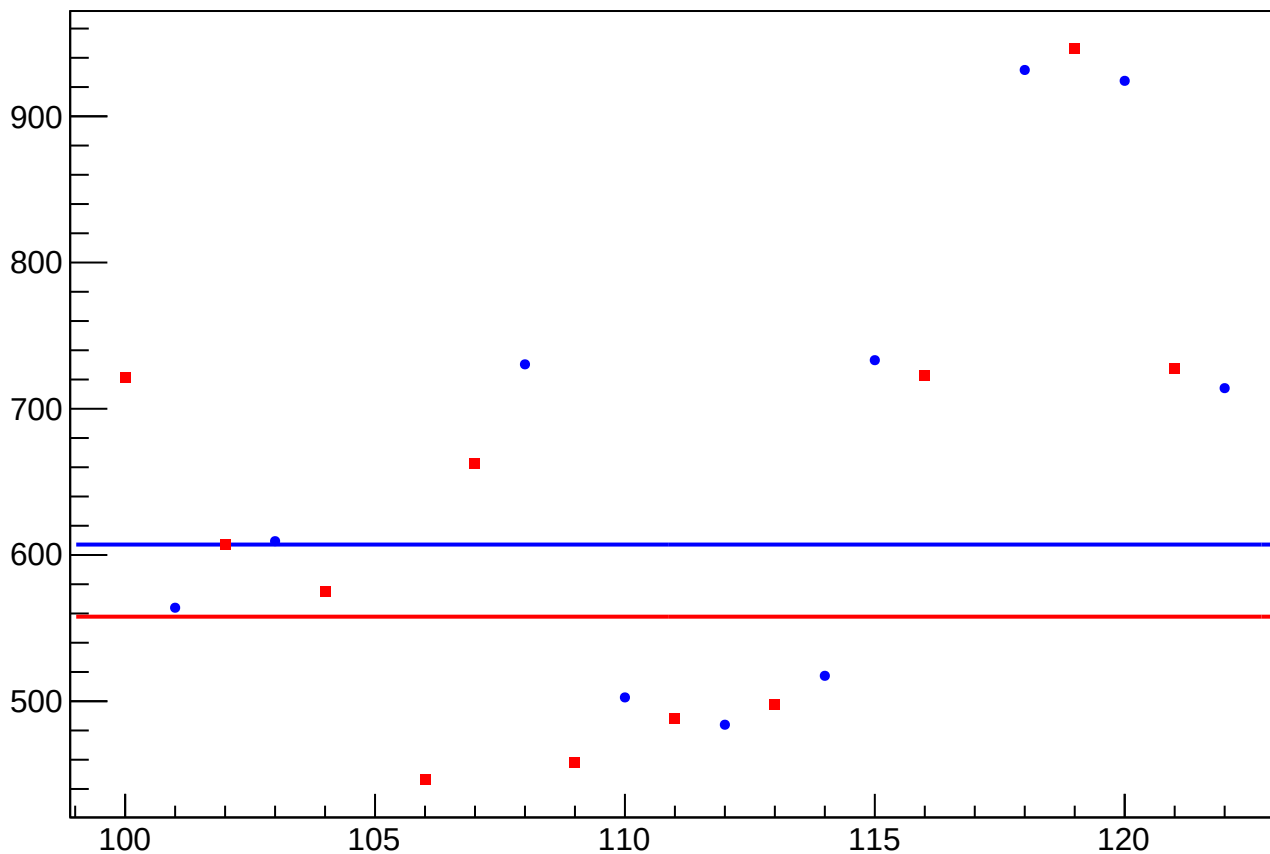
Right: -367.940 ± 202.318 $\chi^2/\text{NDF}: 21.6/20$

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: -367.940 ± 202.318 $\chi^2/\text{NDF}: 21.6/20$

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: 557.827+/-0.190 χ^2/NDF : 423659.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

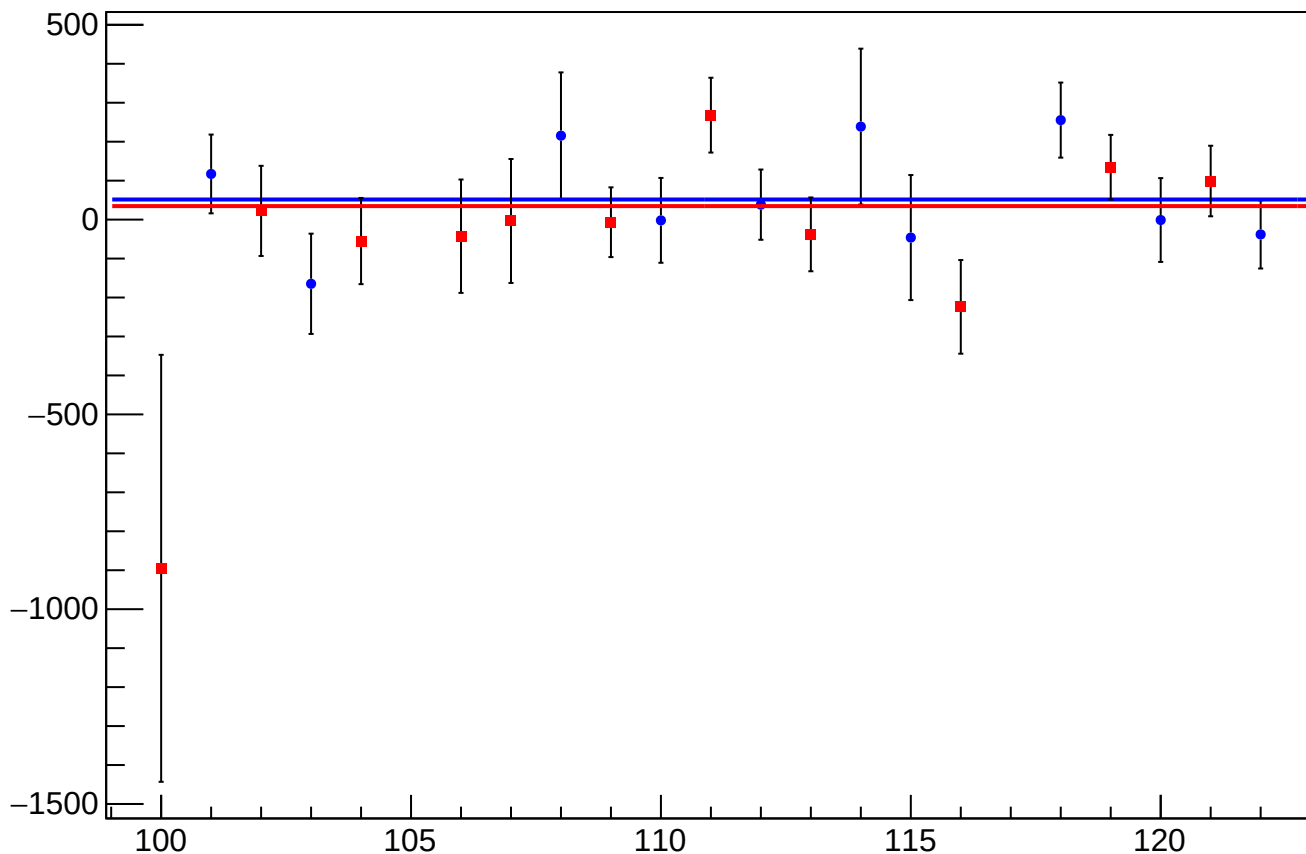
Right: 579.194+/-0.143 χ^2/NDF : 827162.9/20

In: 607.140+/-0.217 χ^2/NDF : 374326.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.194+/-0.143 χ^2/NDF : 827162.9/20

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: 34.664+/-32.834 χ^2/NDF : 17.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

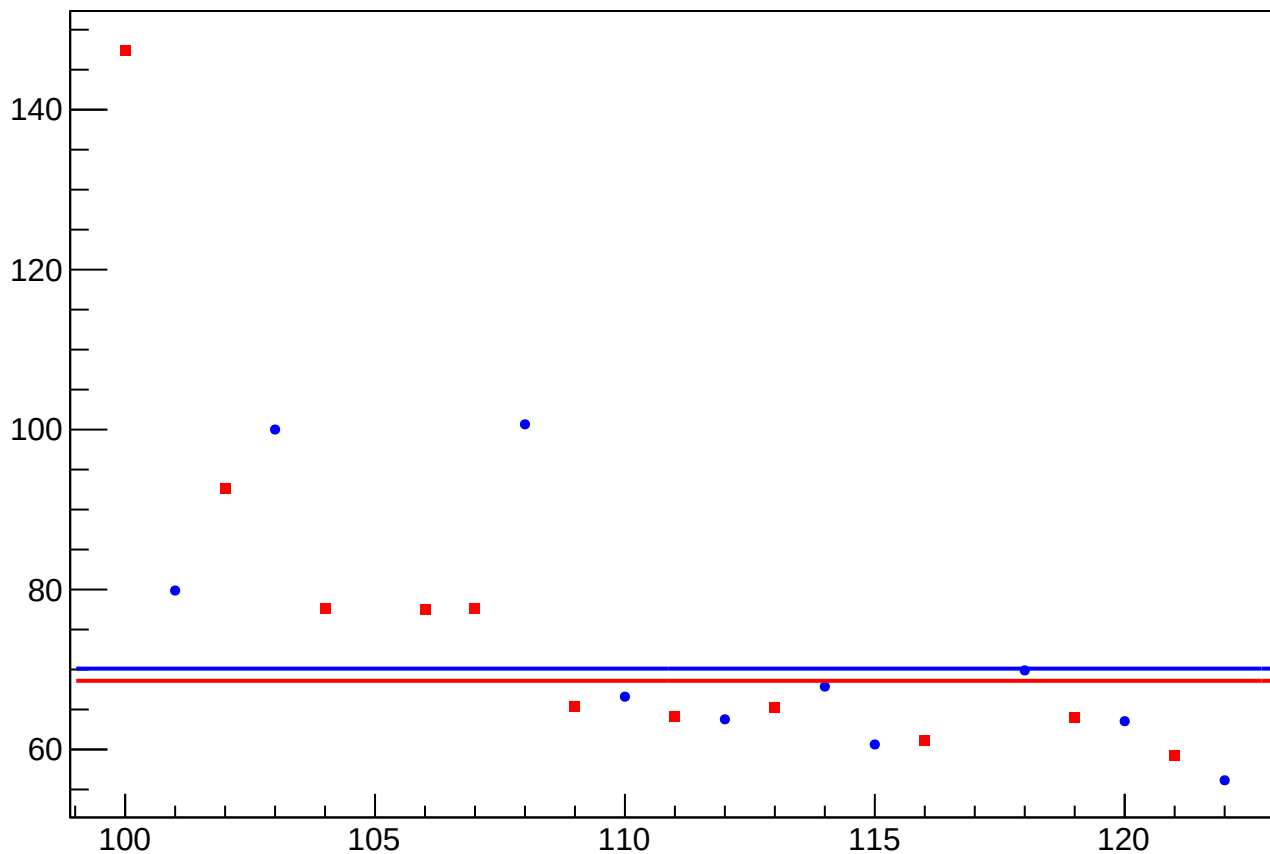
Right: 42.460+/-24.113 χ^2/NDF : 28.8/20

In: 51.587+/-35.527 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.460+/-24.113 χ^2/NDF : 28.8/20

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: 68.589+/-0.023 χ^2/NDF : 199935.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

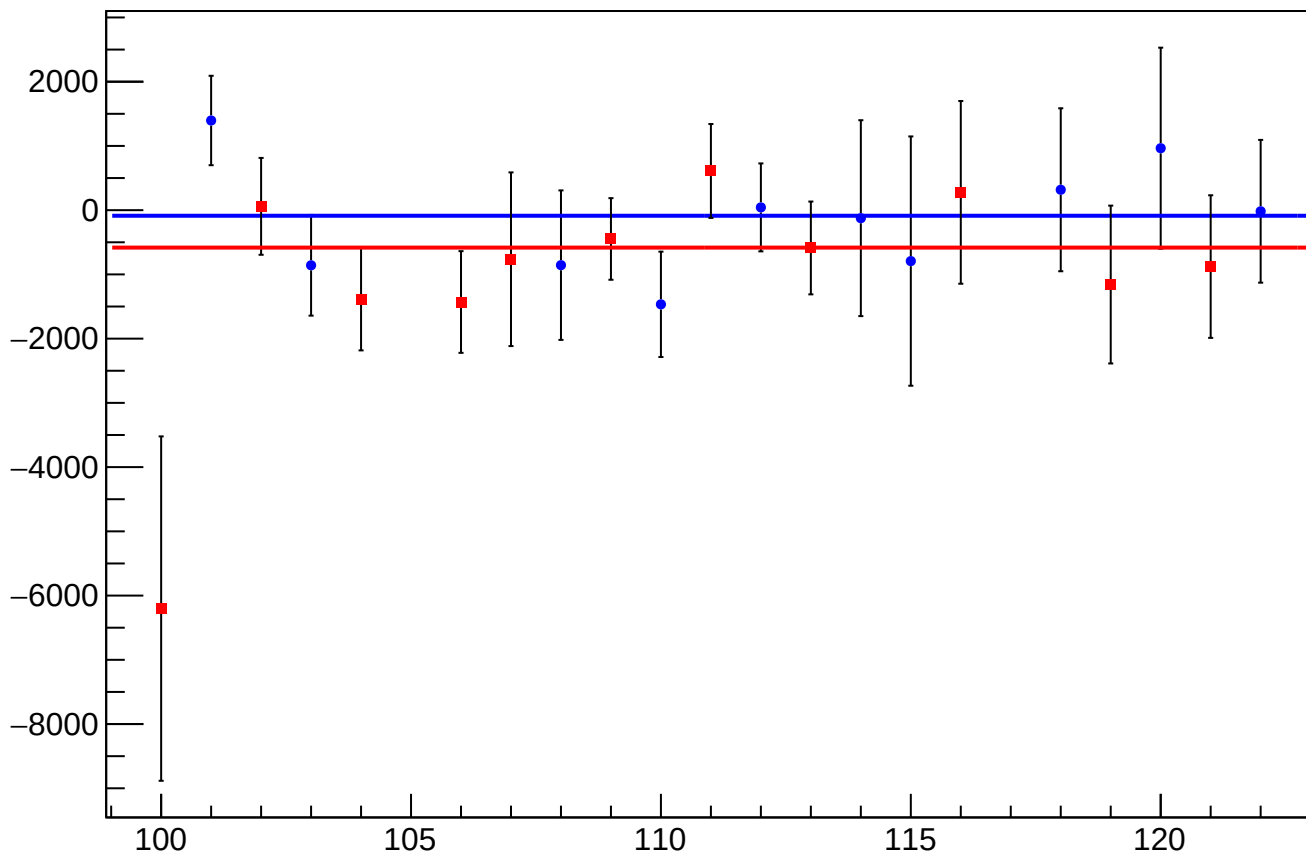
Right: 69.291+/-0.017 χ^2/NDF : 476907.8/20

In: 70.112+/-0.025 χ^2/NDF : 274990.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.291+/-0.017 χ^2/NDF : 476907.8/20

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: -582.763 ± 268.756 χ^2/NDF : 10.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

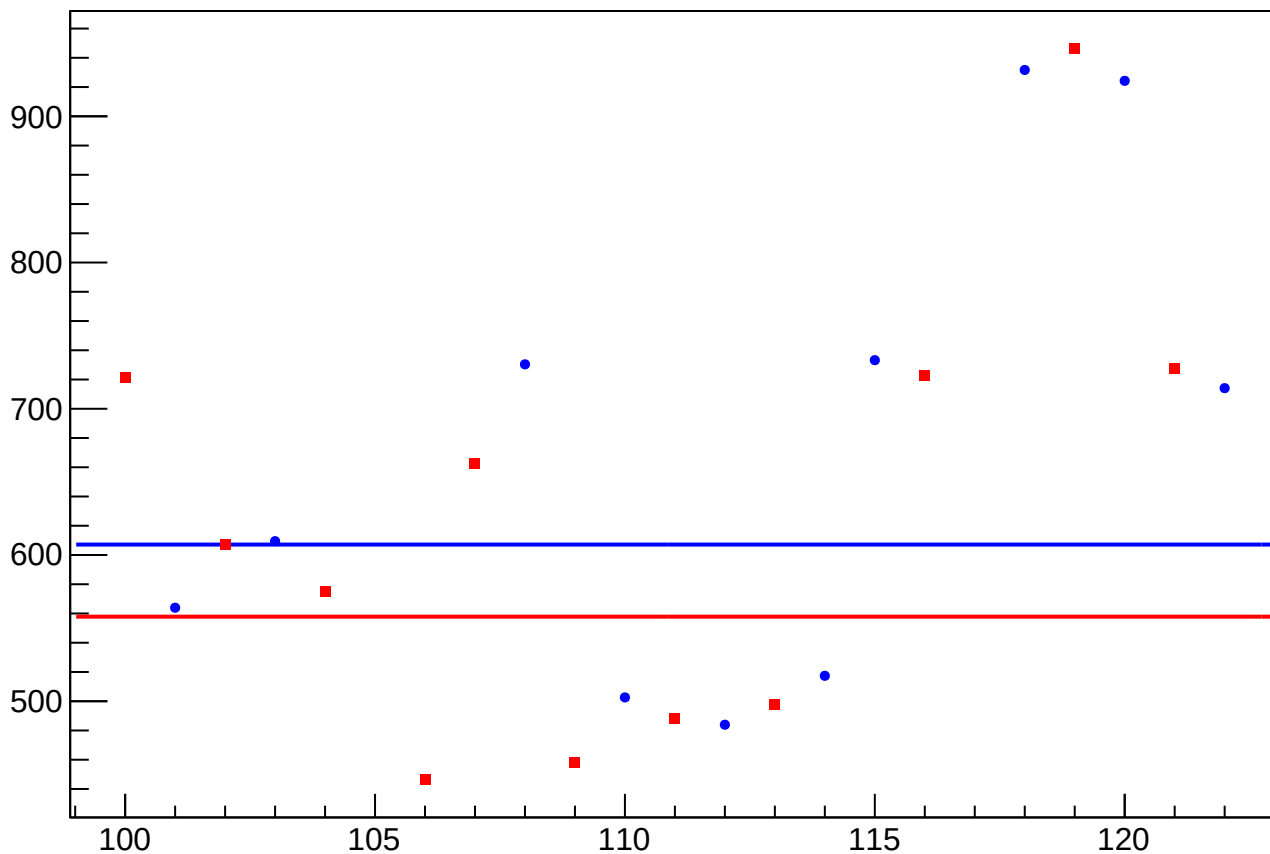
Right: -367.939 ± 202.318 χ^2/NDF : 21.6/20

In: -86.984 ± 307.353 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -367.939 ± 202.318 χ^2/NDF : 21.6/20

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: 557.826+/-0.190 χ^2/NDF : 423661.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

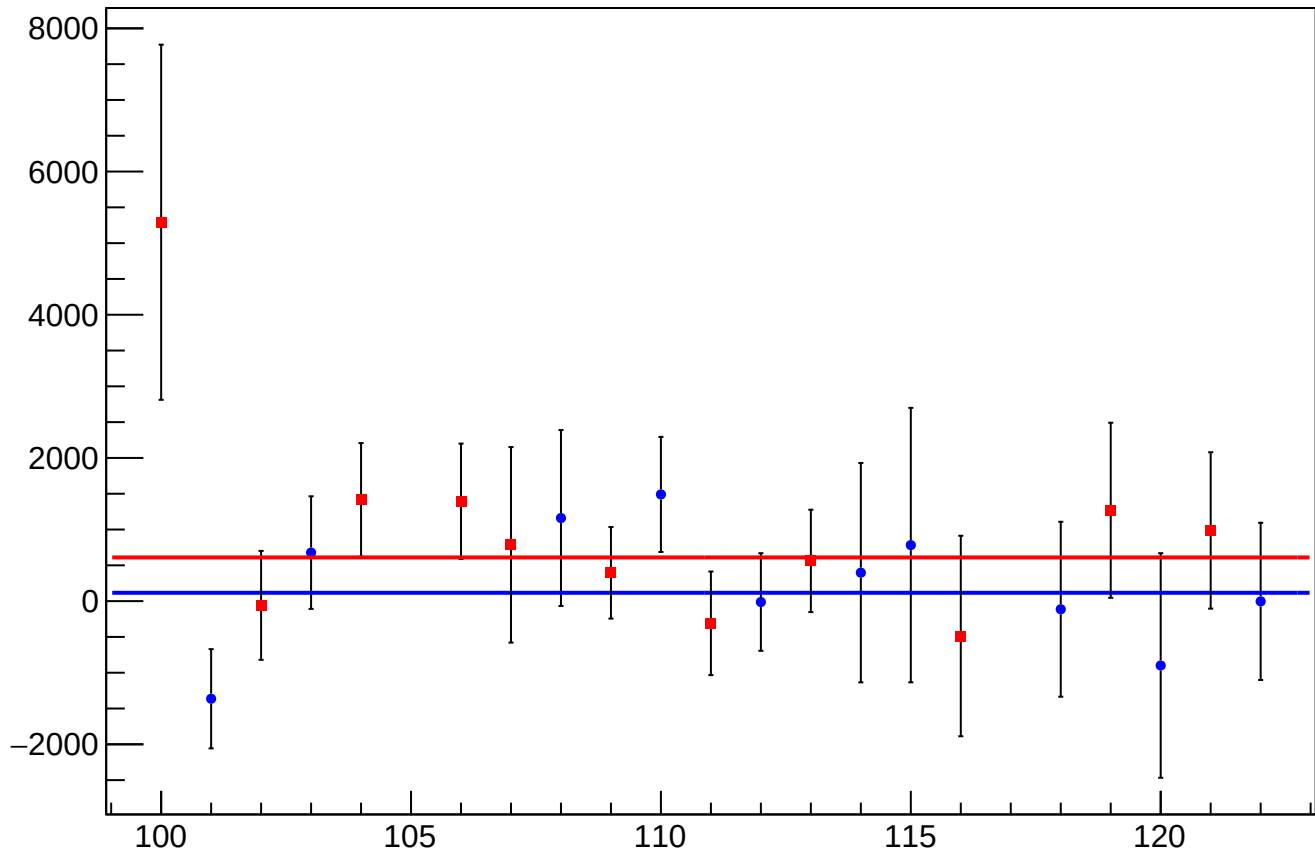
Right: 579.194+/-0.143 χ^2/NDF : 827166.1/20

In: 607.139+/-0.217 χ^2/NDF : 374328.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.194+/-0.143 χ^2/NDF : 827166.1/20

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 116.484+/-306.218 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.300+/-268.351 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

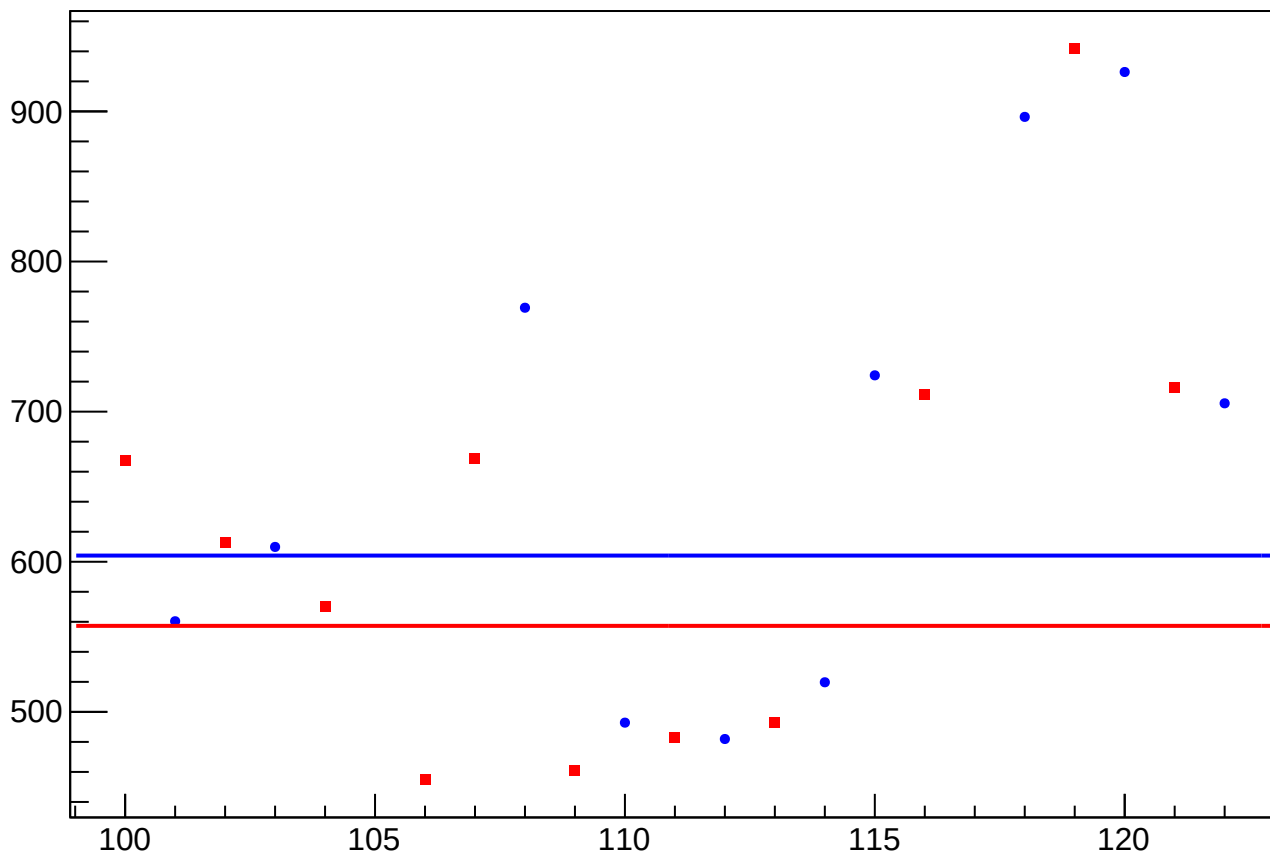
Right: 395.797+/-201.821 χ^2/NDF : 19.9/20

In: 116.484+/-306.218 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.797+/-201.821 χ^2/NDF : 19.9/20

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: 557.300+/-0.190 χ^2/NDF : 408281.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

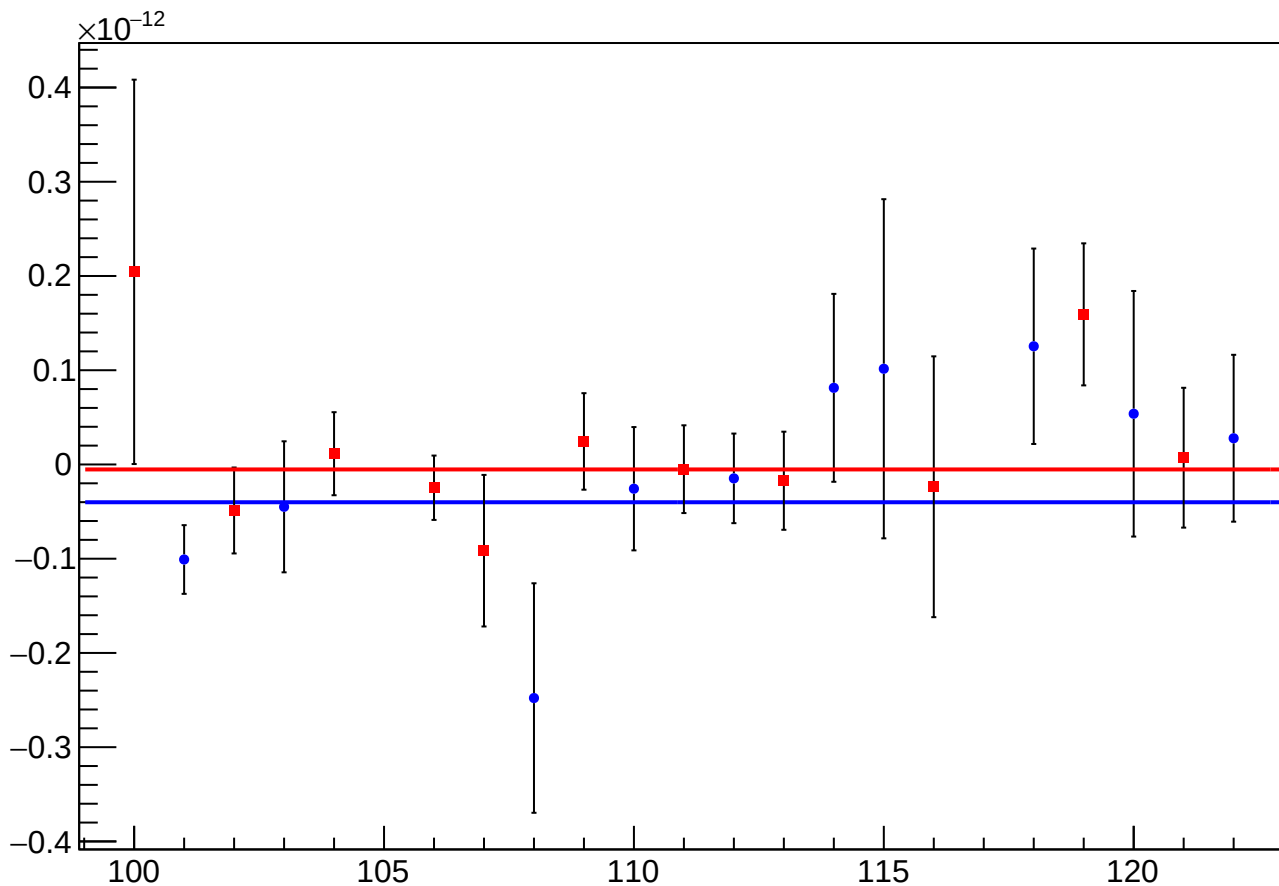
Right: 577.639+/-0.143 χ^2/NDF : 811285.5/20

In: 604.124+/-0.217 χ^2/NDF : 376553.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.639+/-0.143 χ^2/NDF : 811285.5/20

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 : 8.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

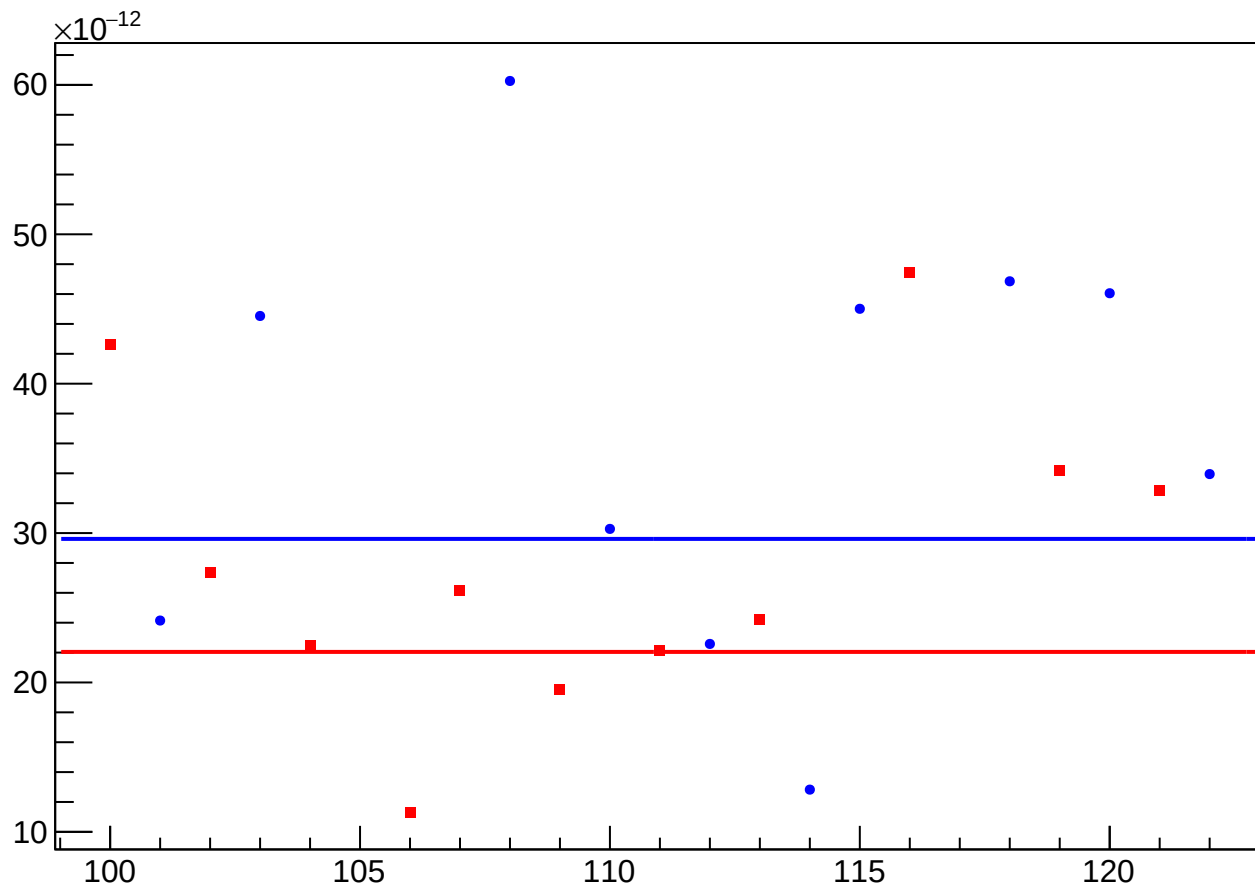
Right: -0.000+/-0.000 χ^2/NDF : 22.2/20

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 : 22.2/20

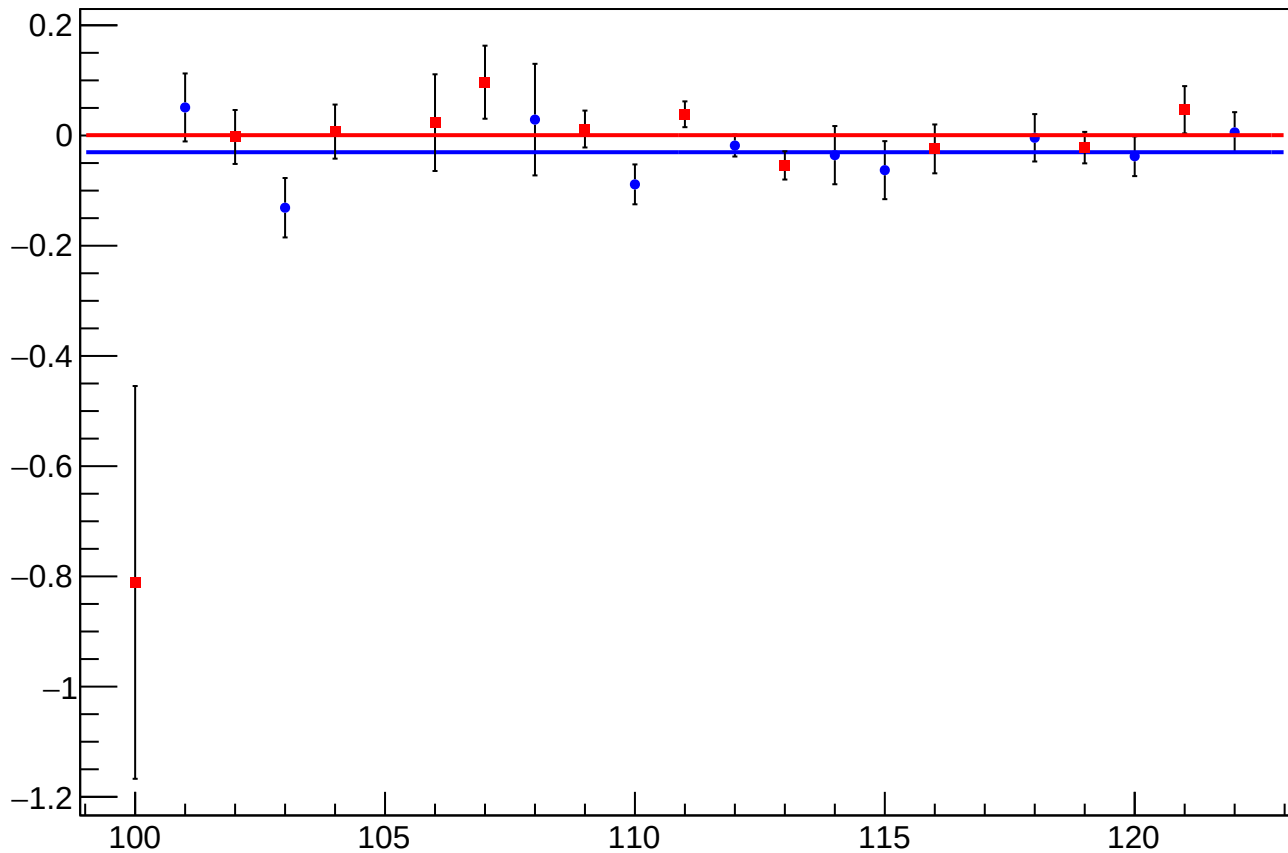
asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 421366.6/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1045756.3/20
 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 : 1045756.3/20

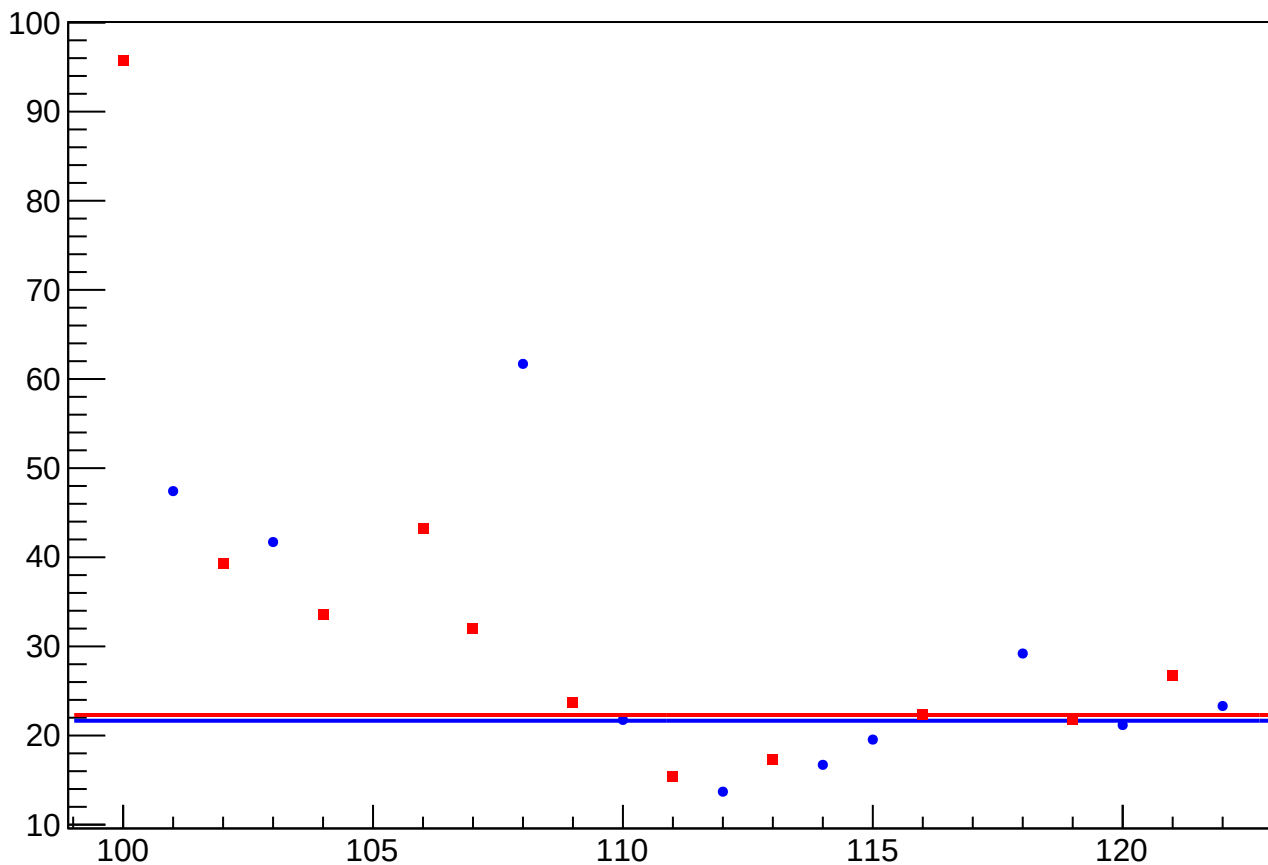
asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: 0.001+/-0.011 χ^2/NDF : 16.8/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.014+/-0.008 χ^2/NDF : 30.5/20
 In: -0.030+/-0.012 χ^2/NDF :10.3/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.014+/-0.008 χ^2/NDF : 30.5/20

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: 22.305+/-0.008 χ^2/NDF : 864979.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

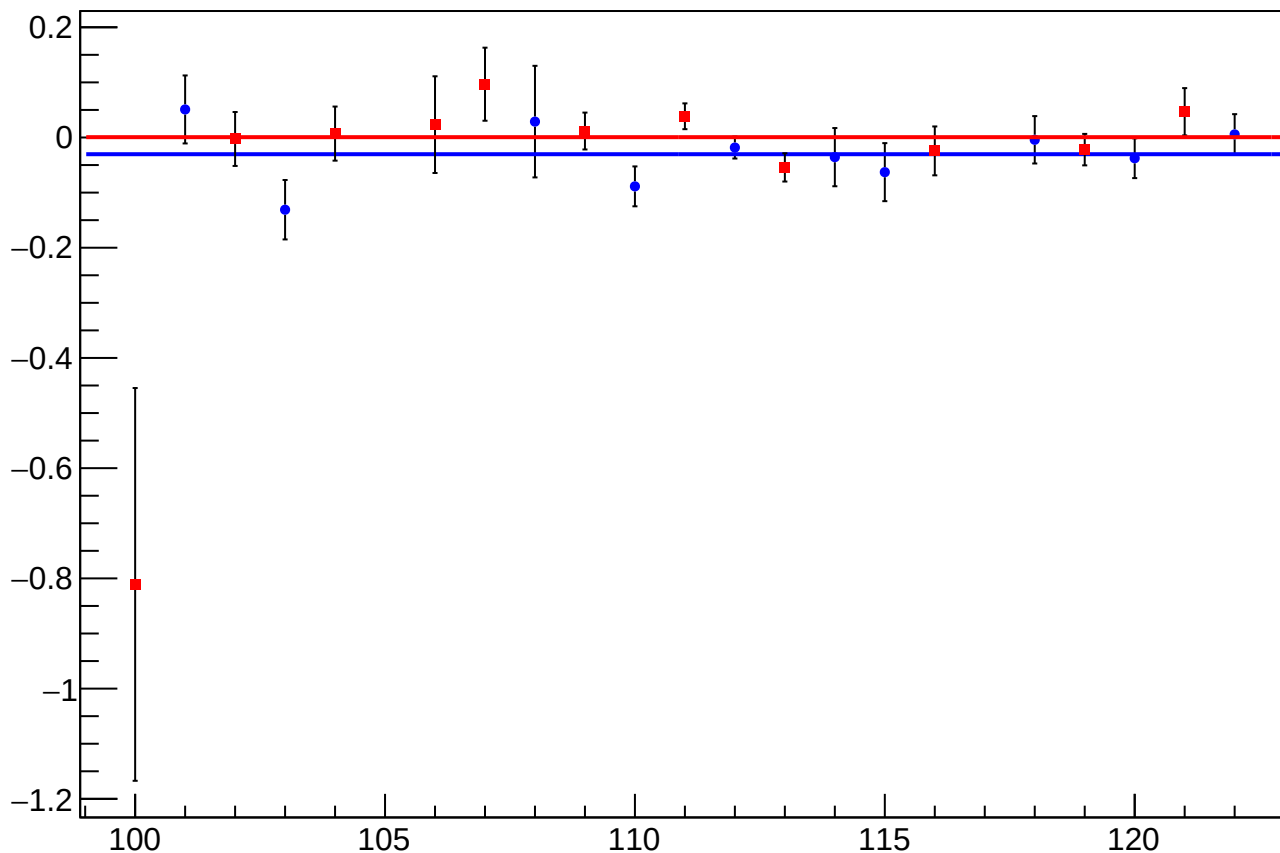
Right: 22.004+/-0.006 χ^2/NDF : 2212239.5/20

In: 21.661+/-0.009 χ^2/NDF : 1344270.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.004+/-0.006 χ^2/NDF : 2212239.5/20

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: 0.001+/-0.011 χ^2/NDF : 16.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

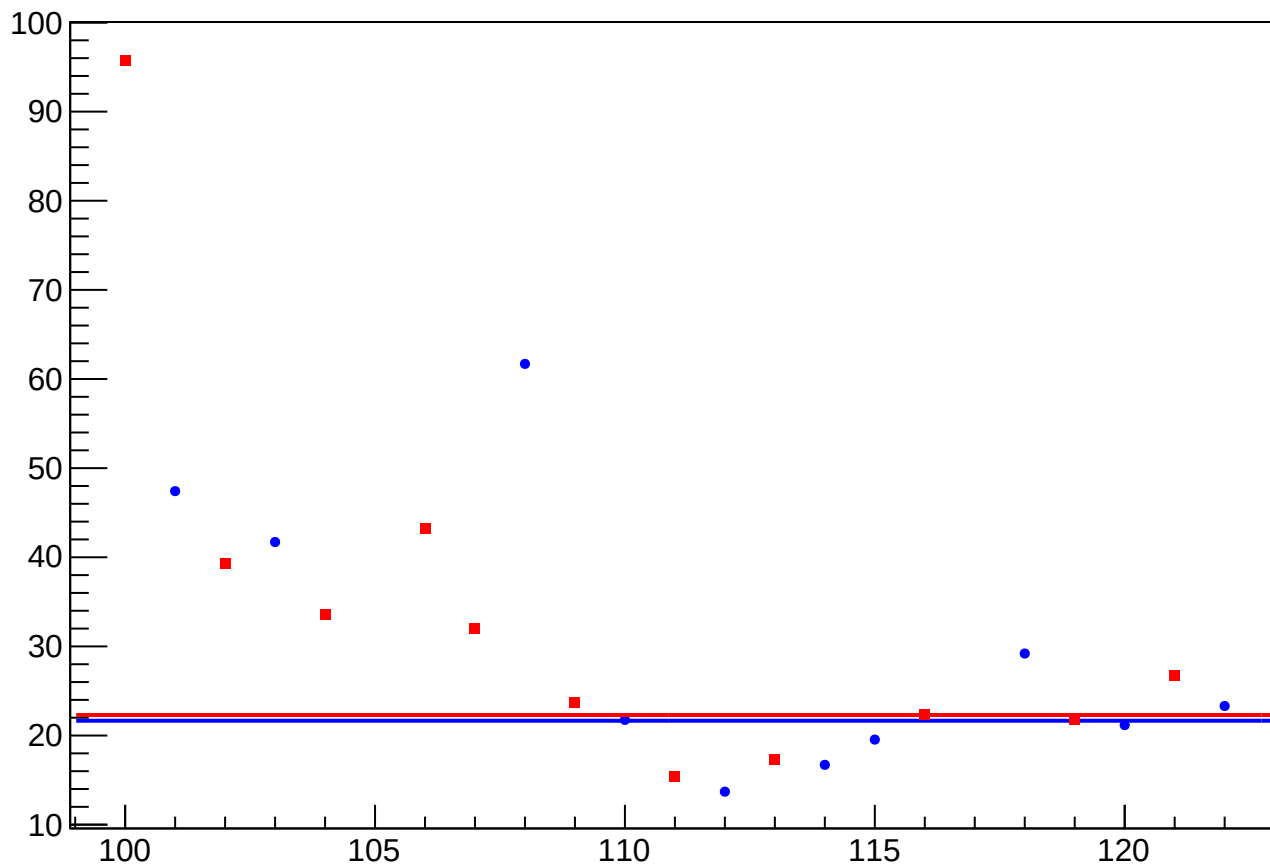
Right: -0.014+/-0.008 χ^2/NDF : 30.5/20

In: -0.030+/-0.012 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.008 χ^2/NDF : 30.5/20

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: 22.305+/-0.008 χ^2/NDF : 864979.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

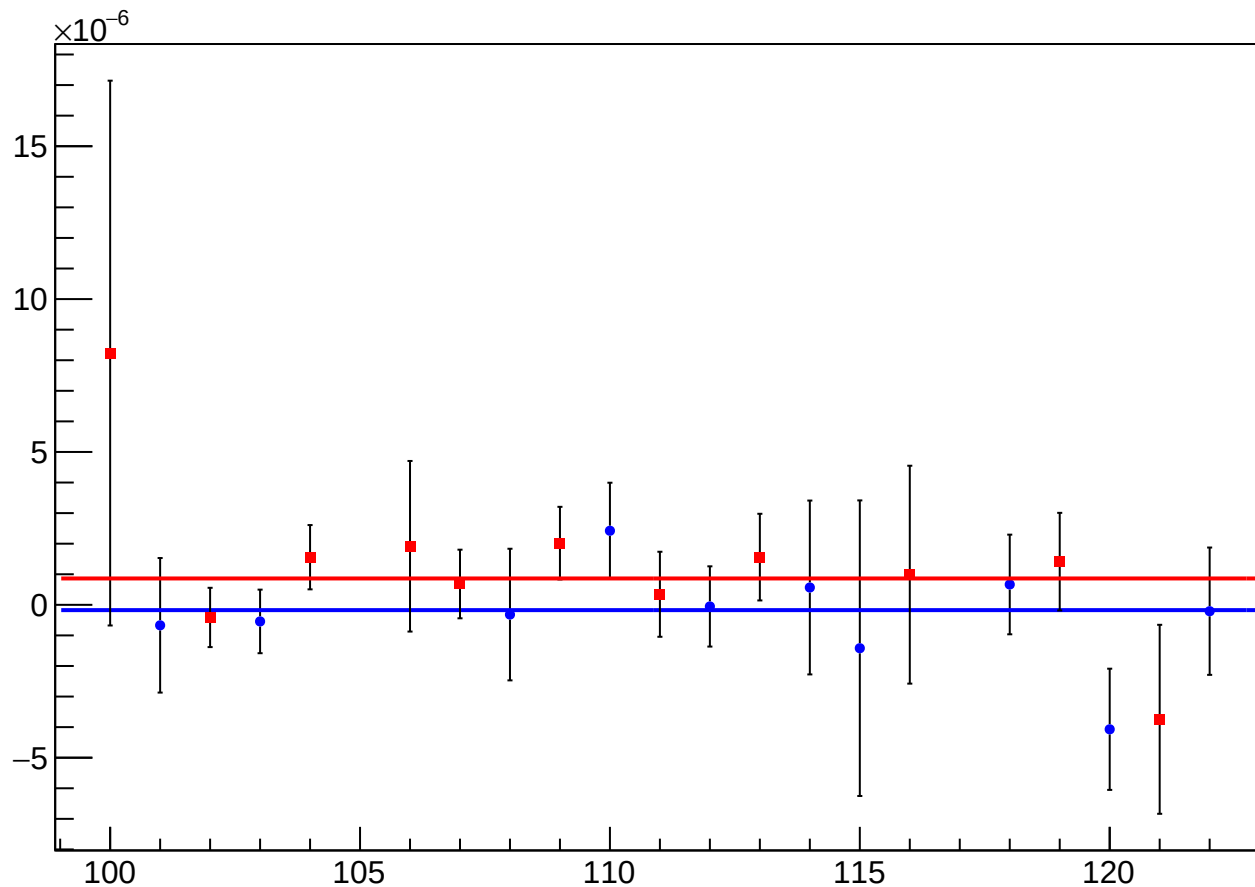
Right: 22.004+/-0.006 χ^2/NDF : 2212239.5/20

In: 21.661+/-0.009 χ^2/NDF : 1344270.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.004+/-0.006 χ^2/NDF : 2212239.5/20

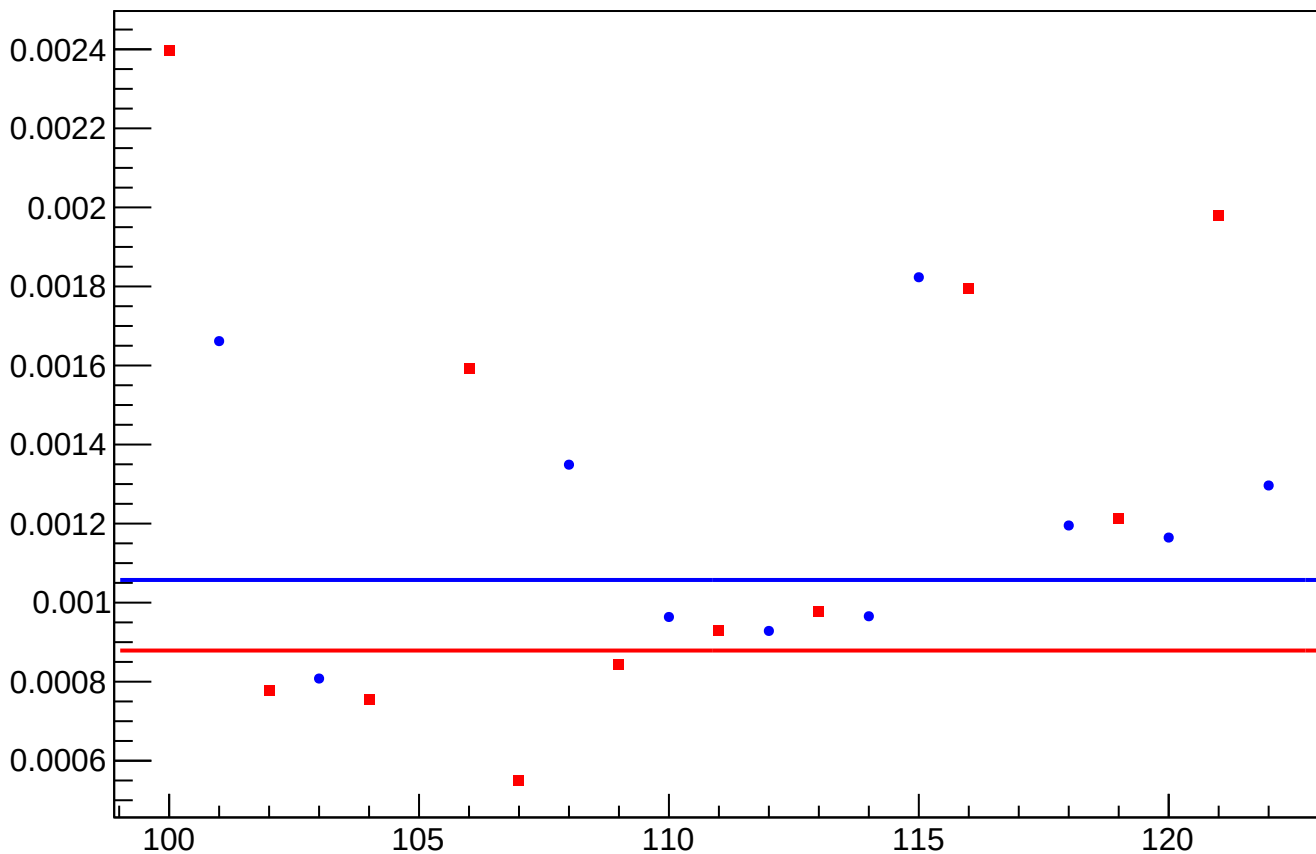
asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 6.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 16.1/20
 In: -0.000+/-0.000 χ^2/NDF : 7.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 16.1/20

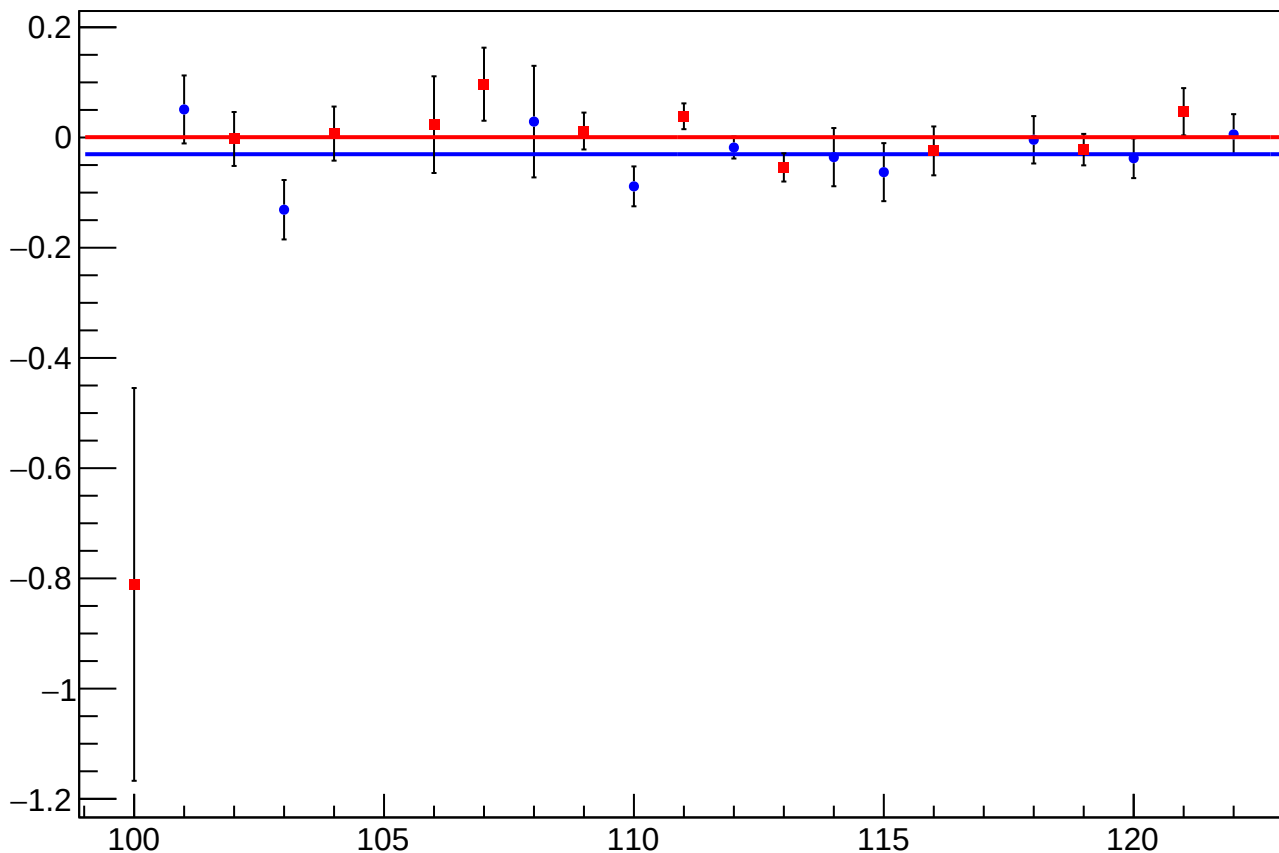
asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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 : 896563.7/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 1454644.5/20
 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 : 1454644.5/20

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: 0.001+/-0.011 χ^2/NDF : 16.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

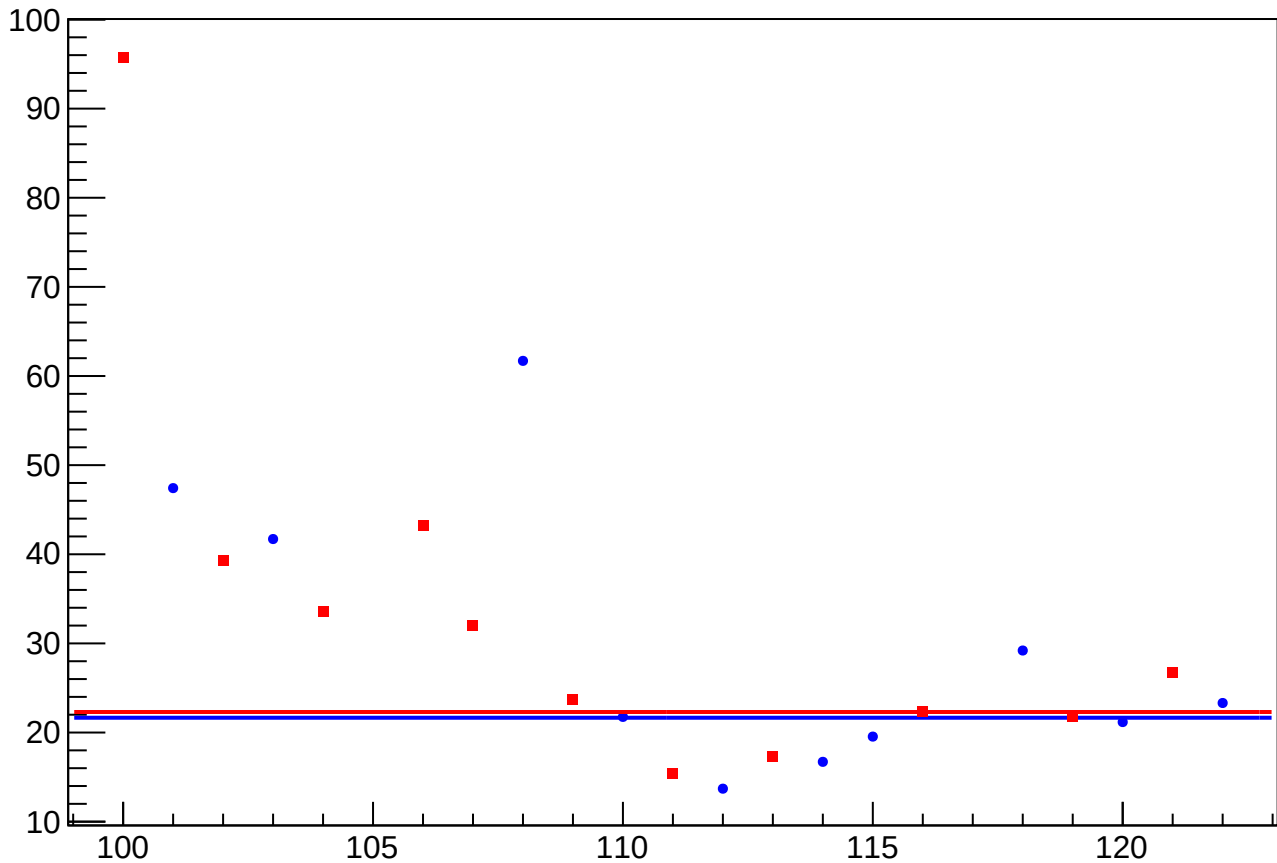
Right: -0.014+/-0.008 χ^2/NDF : 30.5/20

In: -0.030+/-0.012 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.008 χ^2/NDF : 30.5/20

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: 22.305+/-0.008 χ^2/NDF : 865029.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

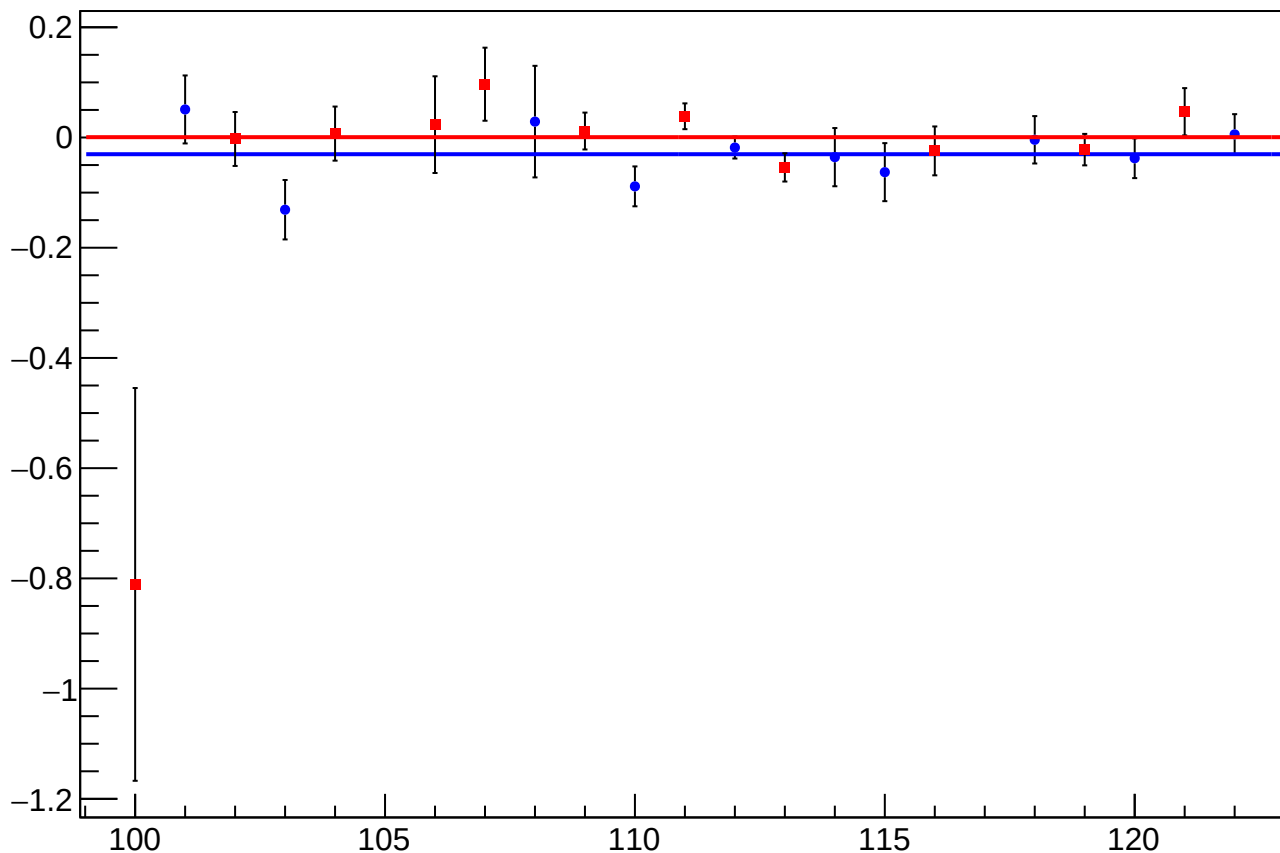
Right: 22.004+/-0.006 χ^2/NDF : 2212326.8/20

In: 21.661+/-0.009 χ^2/NDF : 1344307.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.004+/-0.006 χ^2/NDF : 2212326.8/20

asym_sam_15_48_dd_eigen_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: 0.001+/-0.011 χ^2/NDF : 16.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

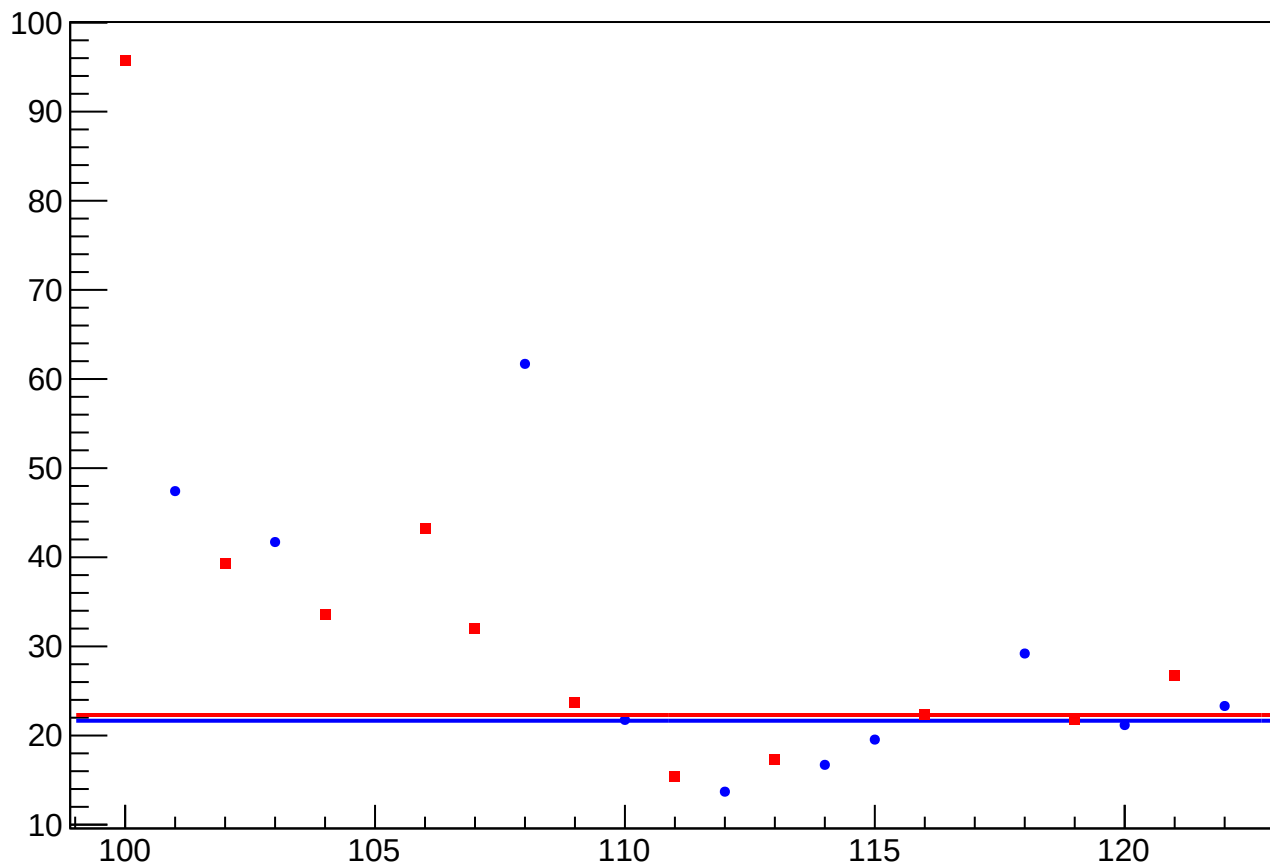
Right: -0.014+/-0.008 χ^2/NDF : 30.5/20

In: -0.030+/-0.012 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.008 χ^2/NDF : 30.5/20

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: 22.305+/-0.008 χ^2/NDF : 865029.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

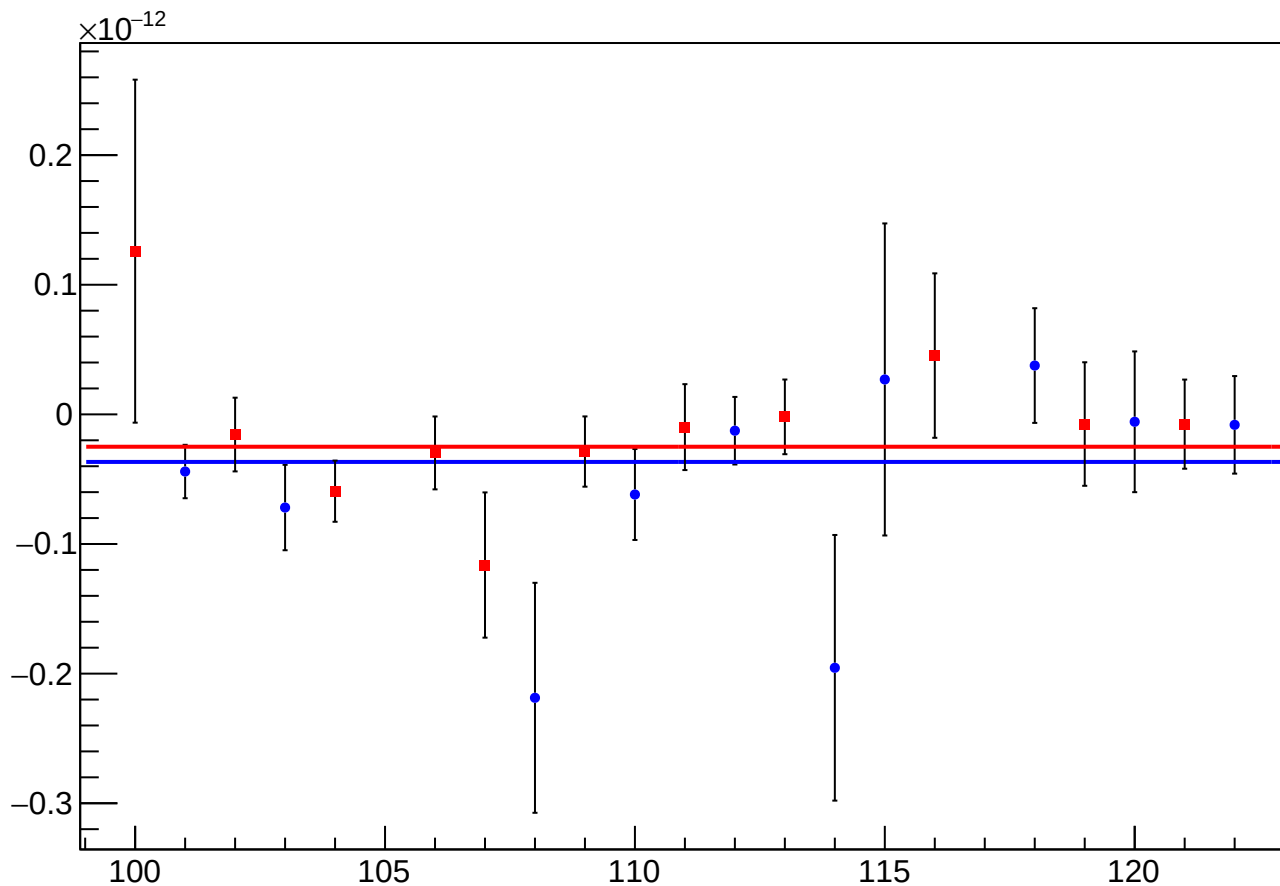
Right: 22.004+/-0.006 χ^2/NDF : 2212326.8/20

In: 21.661+/-0.009 χ^2/NDF : 1344307.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.004+/-0.006 χ^2/NDF : 2212326.8/20

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 : 8.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

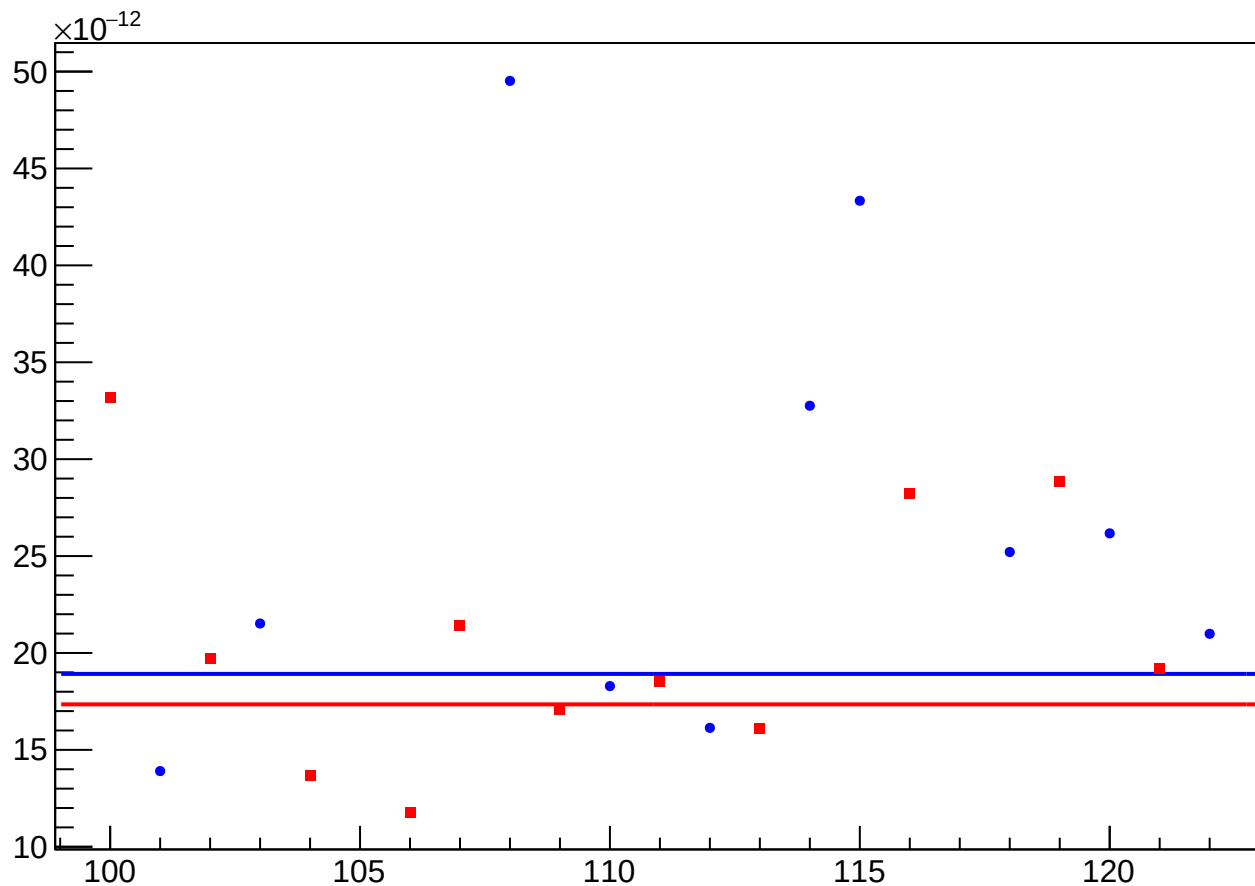
Right: -0.000+/-0.000 χ^2/NDF : 22.5/20

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 : 22.5/20

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 : 367244.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

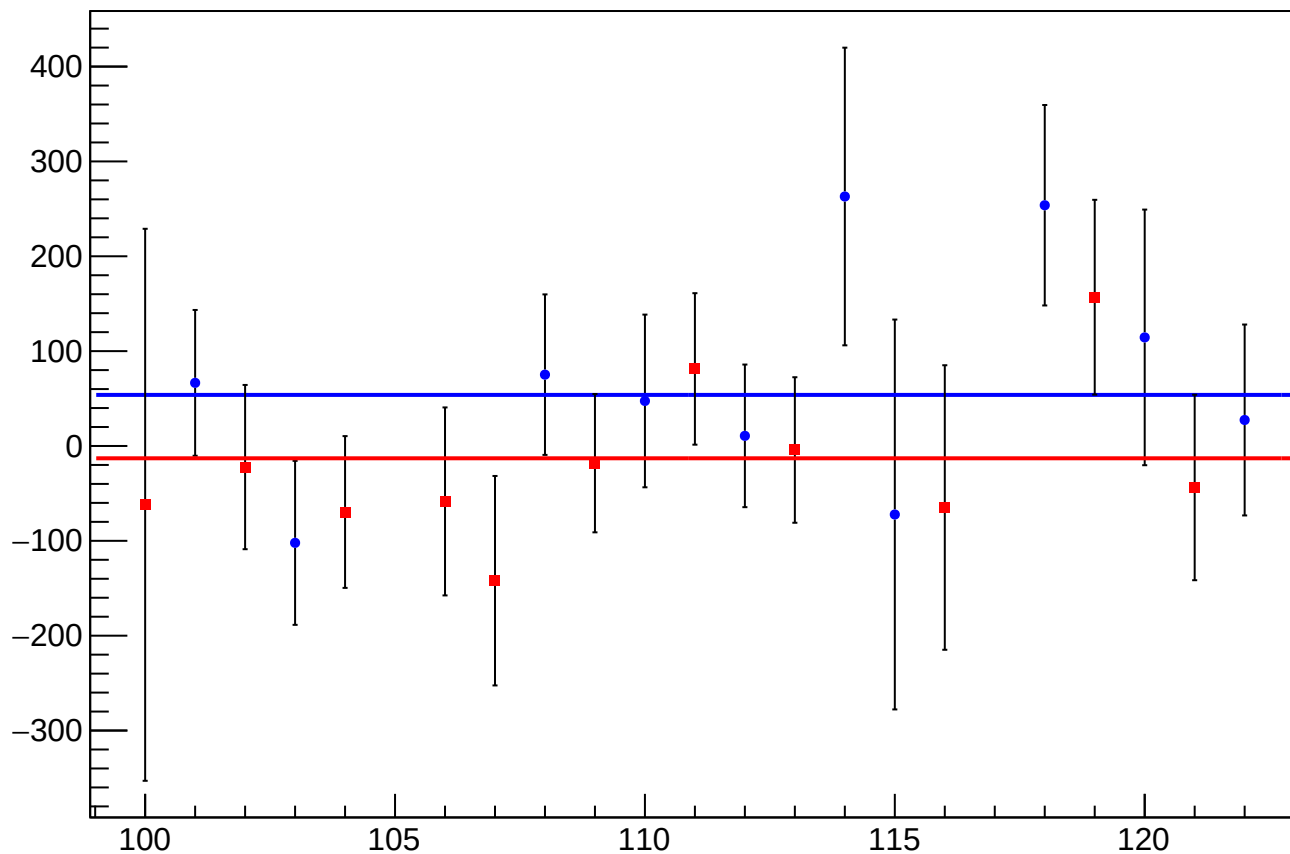
Right: 0.000+/-0.000 χ^2/NDF : 981229.1/20

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 : 981229.1/20

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: -12.985+/-28.353 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

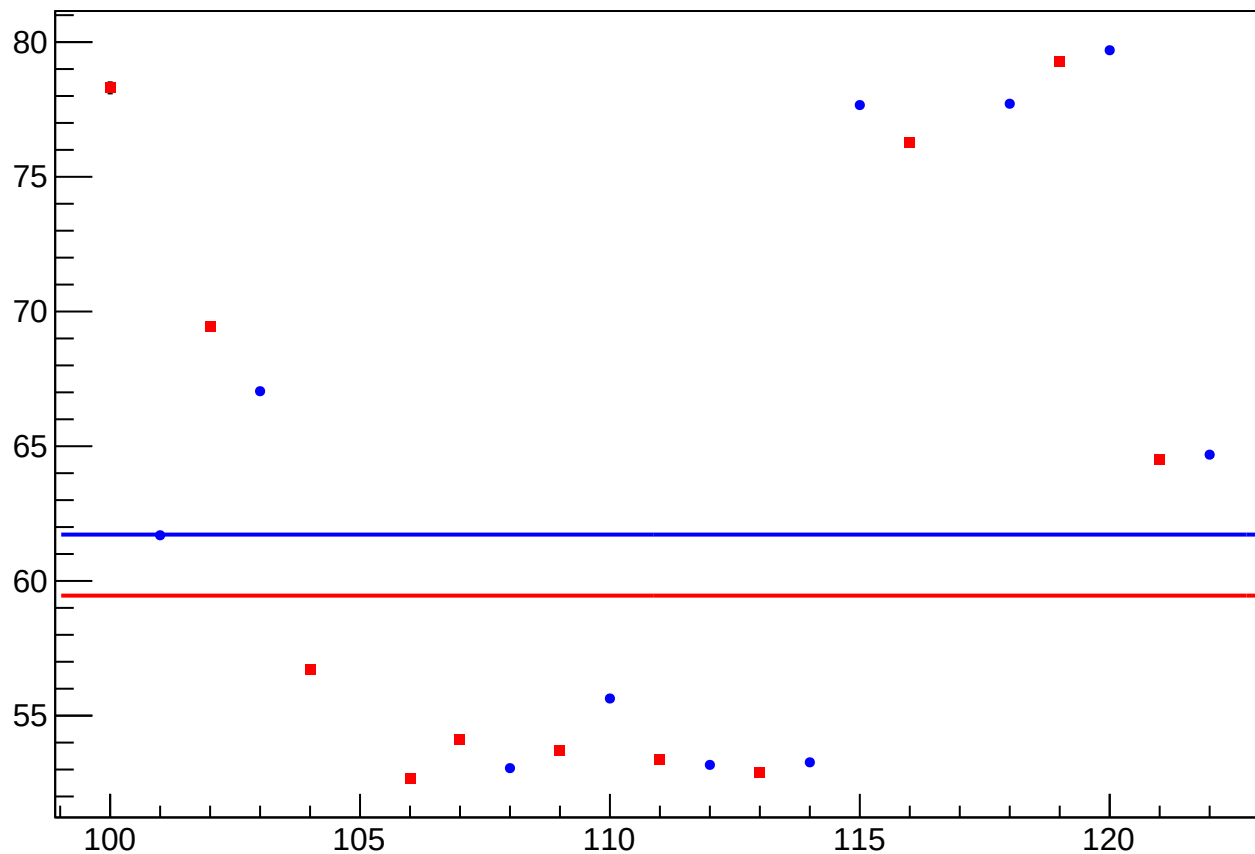
Right: 17.575+/-20.888 χ^2/NDF : 18.7/20

In: 53.848+/-30.889 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.575+/-20.888 χ^2/NDF : 18.7/20

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: 59.456+/-0.020 χ^2/NDF : 195212.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

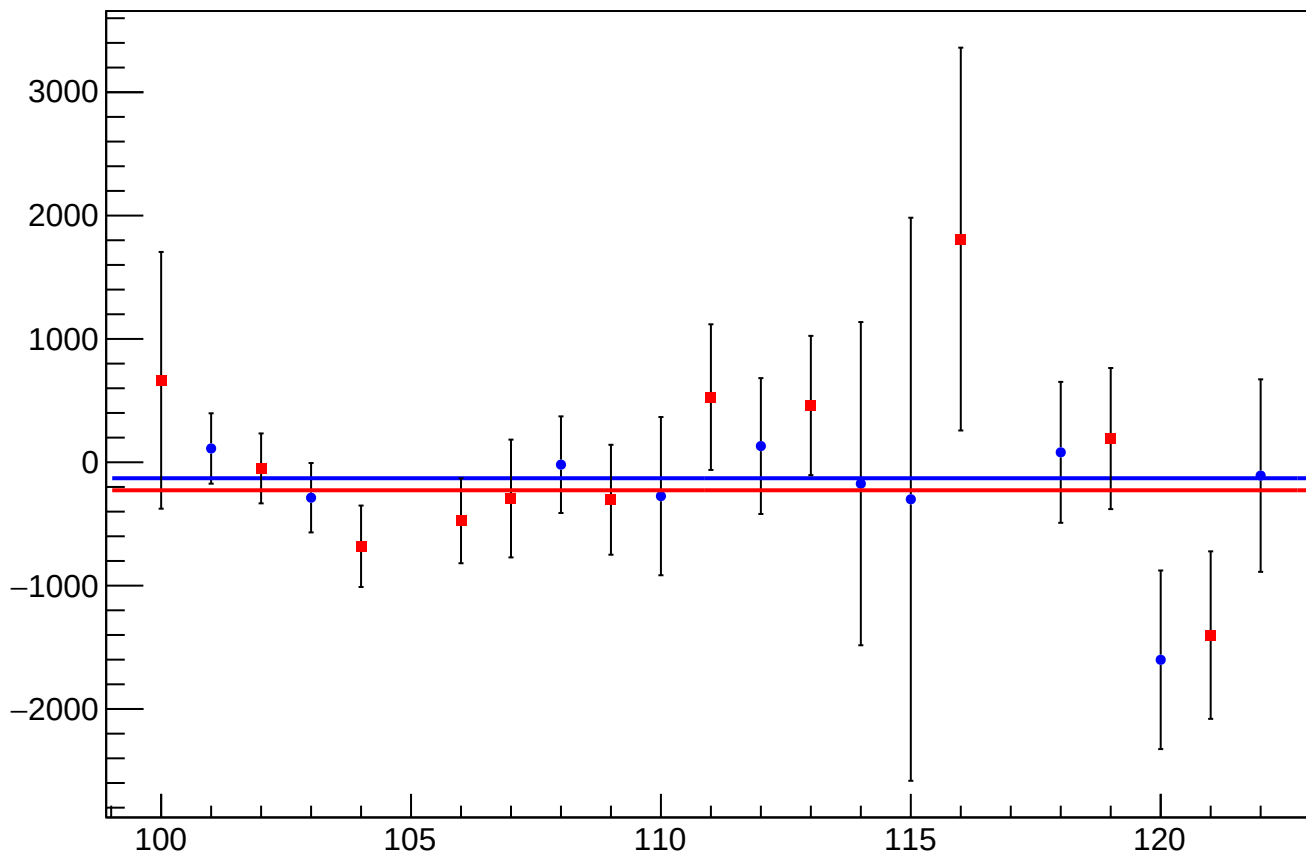
Right: 60.491+/-0.015 χ^2/NDF : 365392.4/20

In: 61.721+/-0.022 χ^2/NDF : 164343.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.491+/-0.015 χ^2/NDF : 365392.4/20

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: -226.939+/-138.609 χ^2/NDF : 11.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

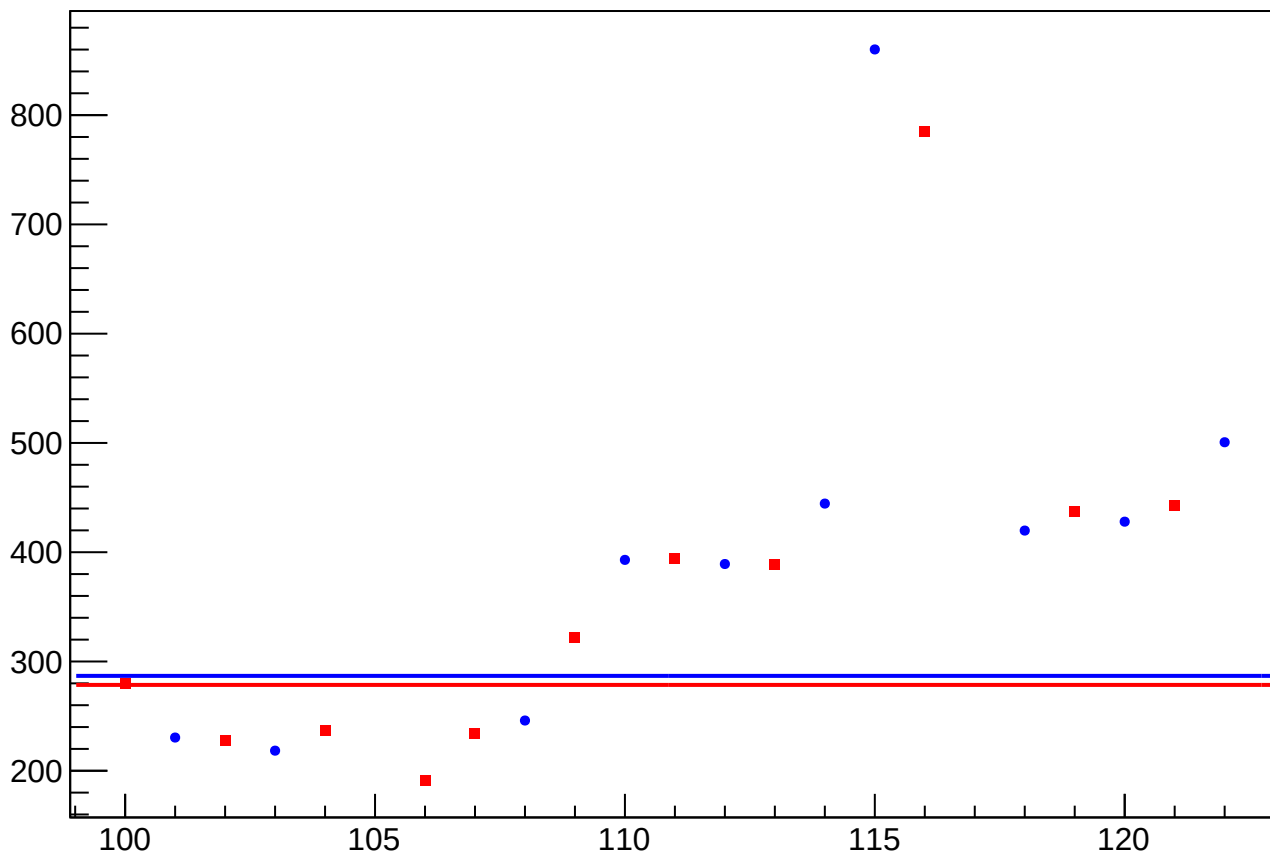
Right: -181.902+/-101.734 χ^2/NDF : 17.8/20

In: -129.306+/-149.788 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.902+/-101.734 χ^2/NDF : 17.8/20

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: 278.563+/-0.098 χ^2/NDF : 899637.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

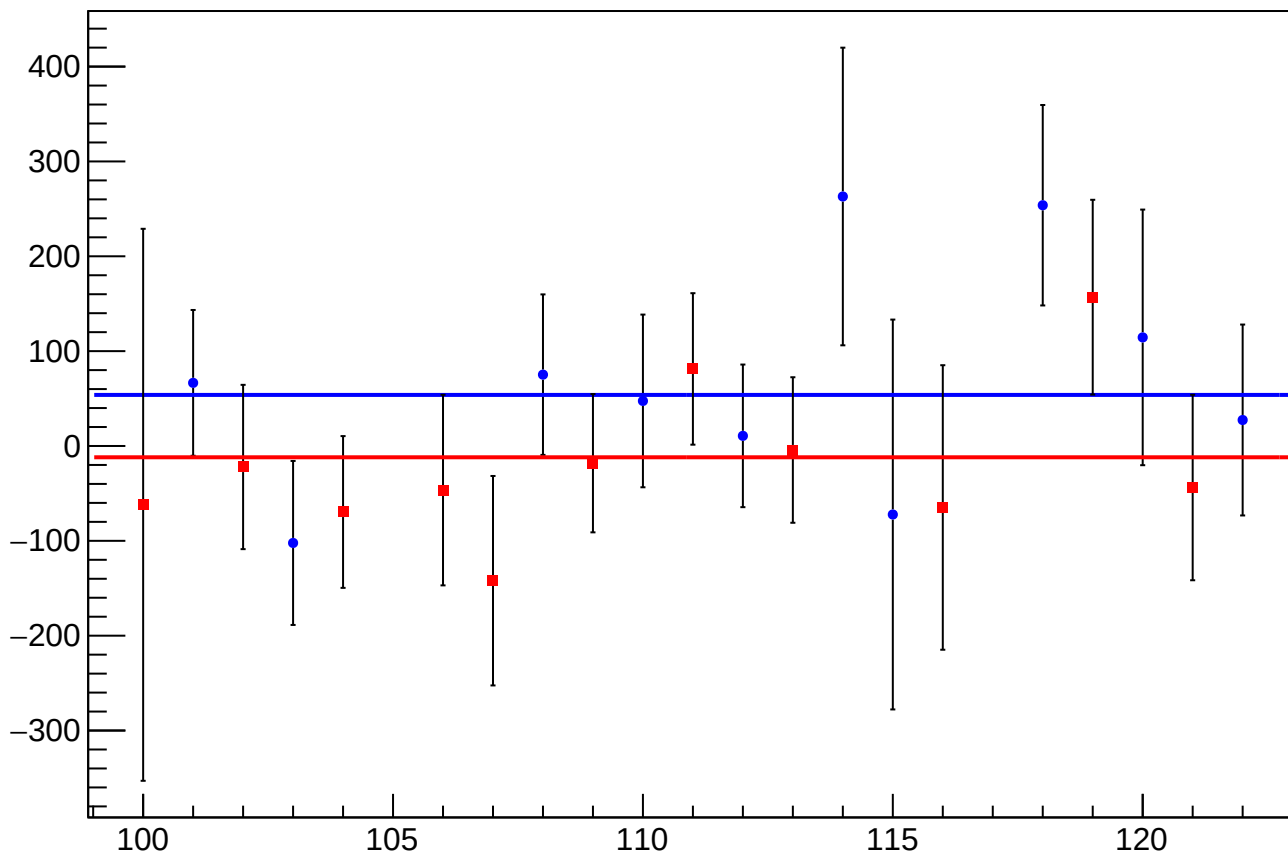
Right: 282.381+/-0.072 χ^2/NDF : 1734984.3/20

In: 286.839+/-0.106 χ^2/NDF : 832056.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.381+/-0.072 χ^2/NDF : 1734984.3/20

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: -11.916+/-28.385 χ^2/NDF : 6.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

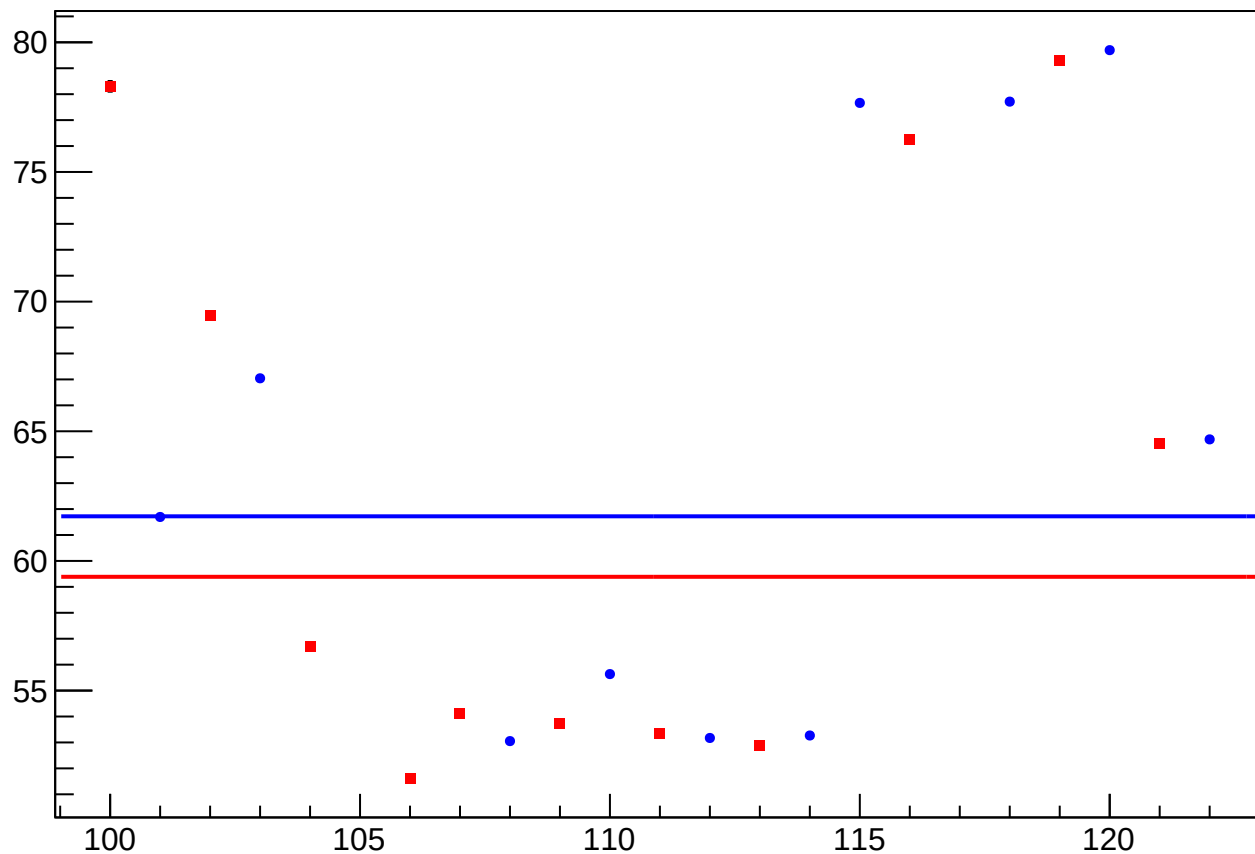
Right: 18.189+/-20.901 χ^2/NDF : 18.5/20

In: 53.839+/-30.889 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.189+/-20.901 χ^2/NDF : 18.5/20

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: 59.388+/-0.020 χ^2/NDF : 198107.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

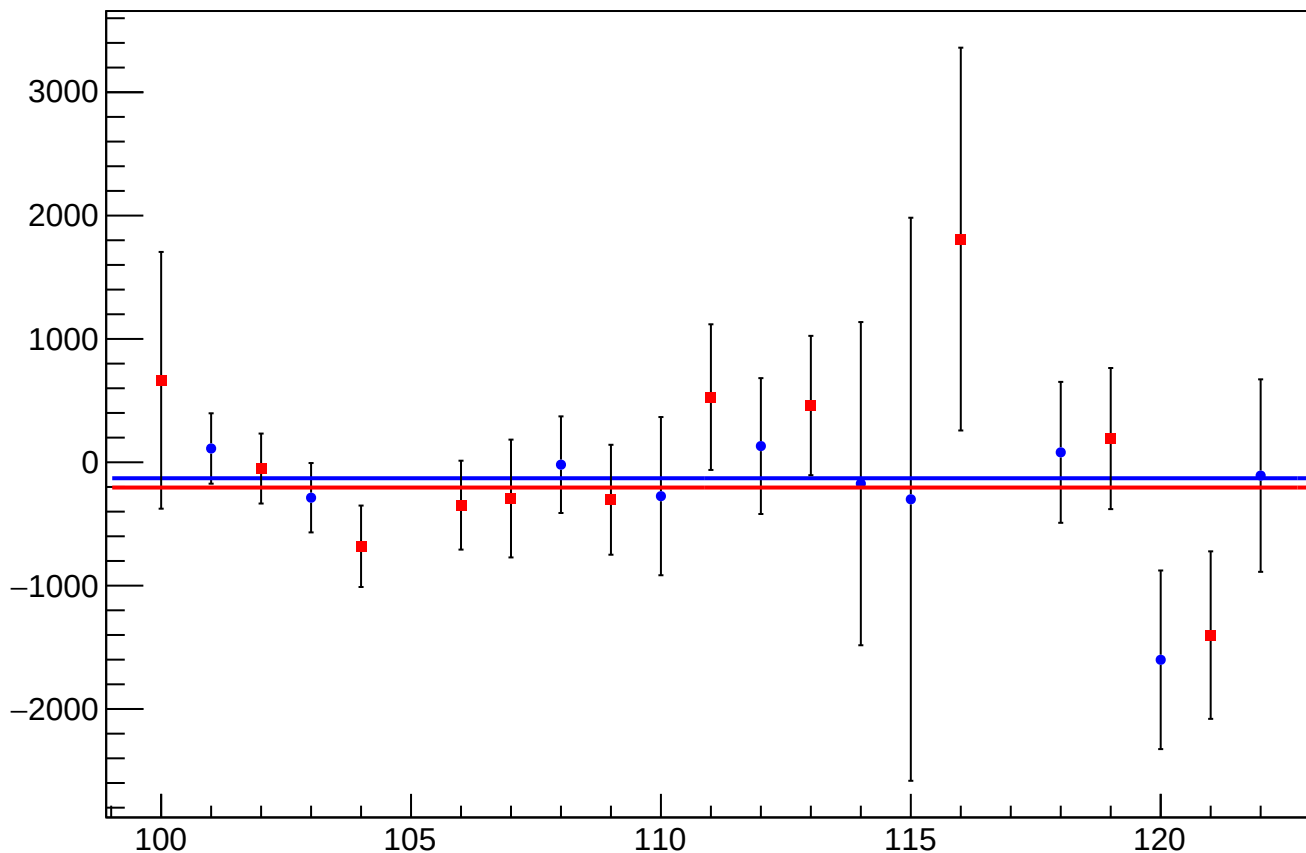
Right: 60.456+/-0.015 χ^2/NDF : 368636.3/20

In: 61.721+/-0.022 χ^2/NDF : 164344.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.456+/-0.015 χ^2/NDF : 368636.3/20

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: -204.741 ± 139.619 χ^2/NDF : 11.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

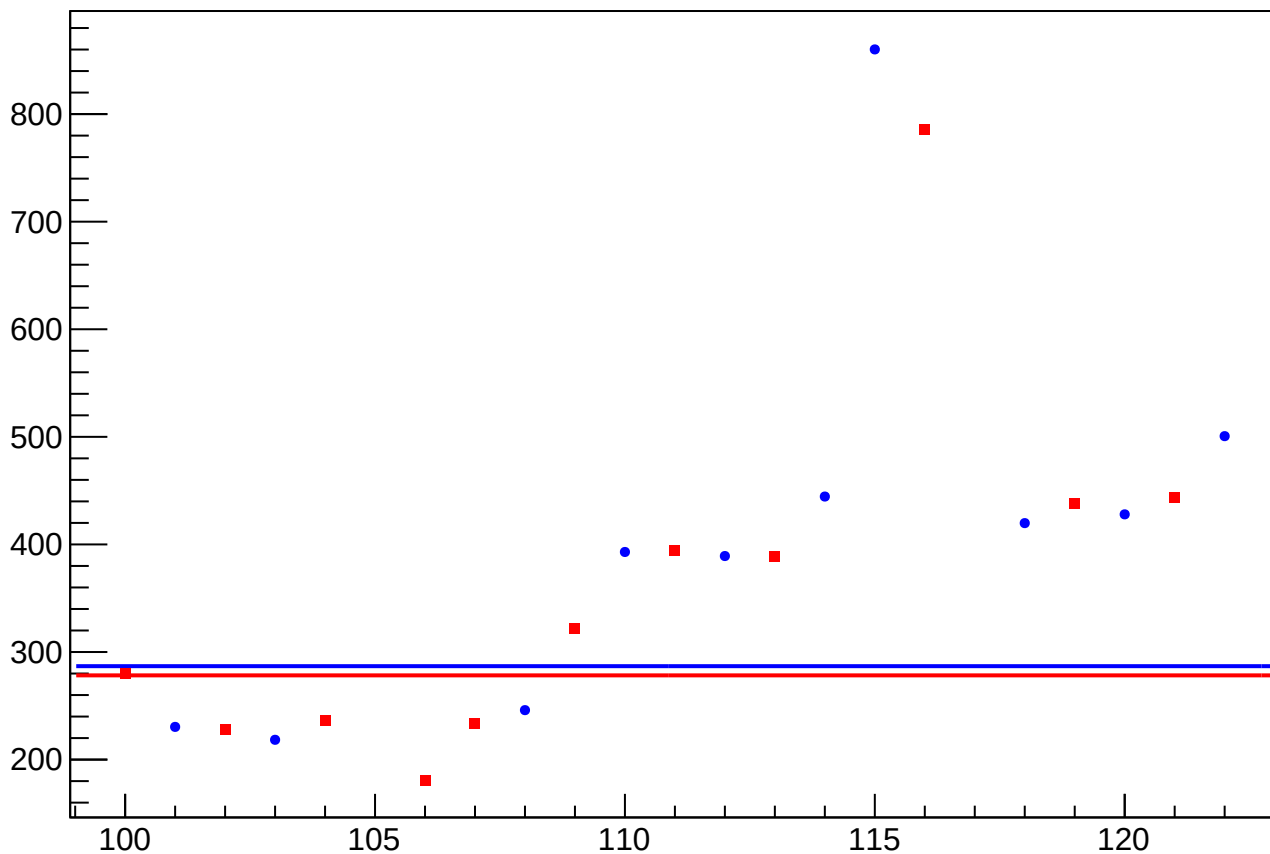
Right: -169.662 ± 102.132 χ^2/NDF : 17.3/20

In: -129.285 ± 149.790 χ^2/NDF : 5.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -169.662 ± 102.132 χ^2/NDF : 17.3/20

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: 278.290+/-0.099 χ^2/NDF : 917952.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

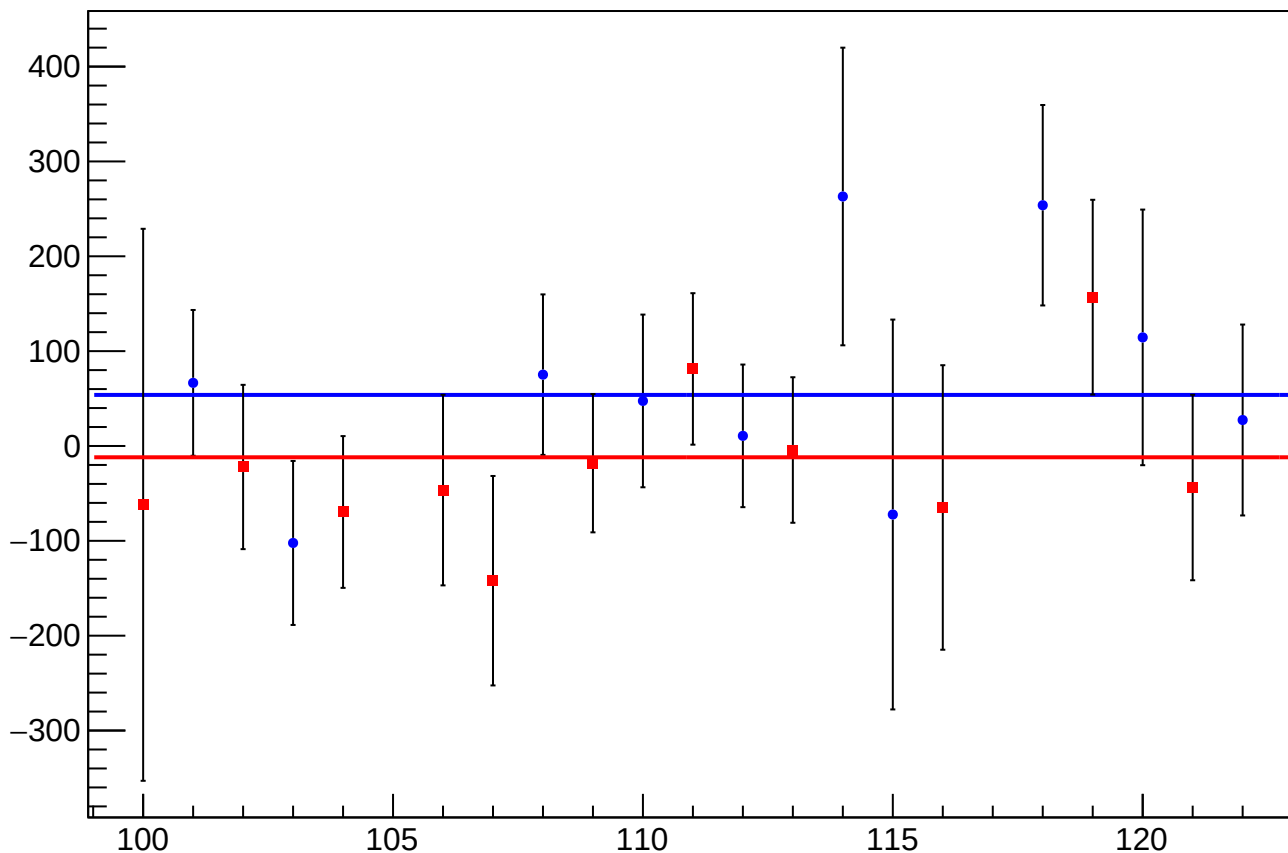
Right: 282.266+/-0.072 χ^2/NDF : 1753462.7/20

In: 286.843+/-0.106 χ^2/NDF : 832021.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.266+/-0.072 χ^2/NDF : 1753462.7/20

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: -11.916+/-28.385 χ^2/NDF : 6.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

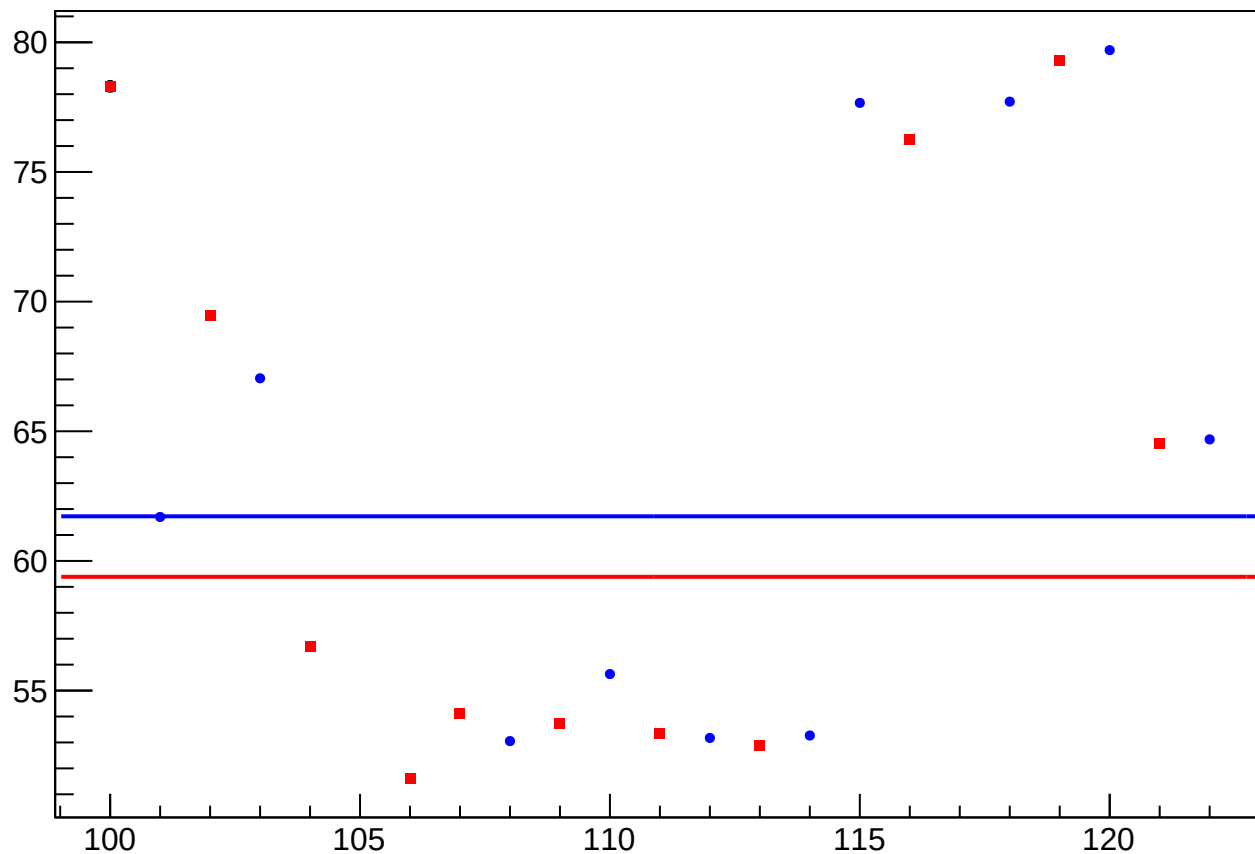
Right: 18.189+/-20.901 χ^2/NDF : 18.5/20

In: 53.839+/-30.889 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.189+/-20.901 χ^2/NDF : 18.5/20

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: 59.388+/-0.020 χ^2/NDF : 198107.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

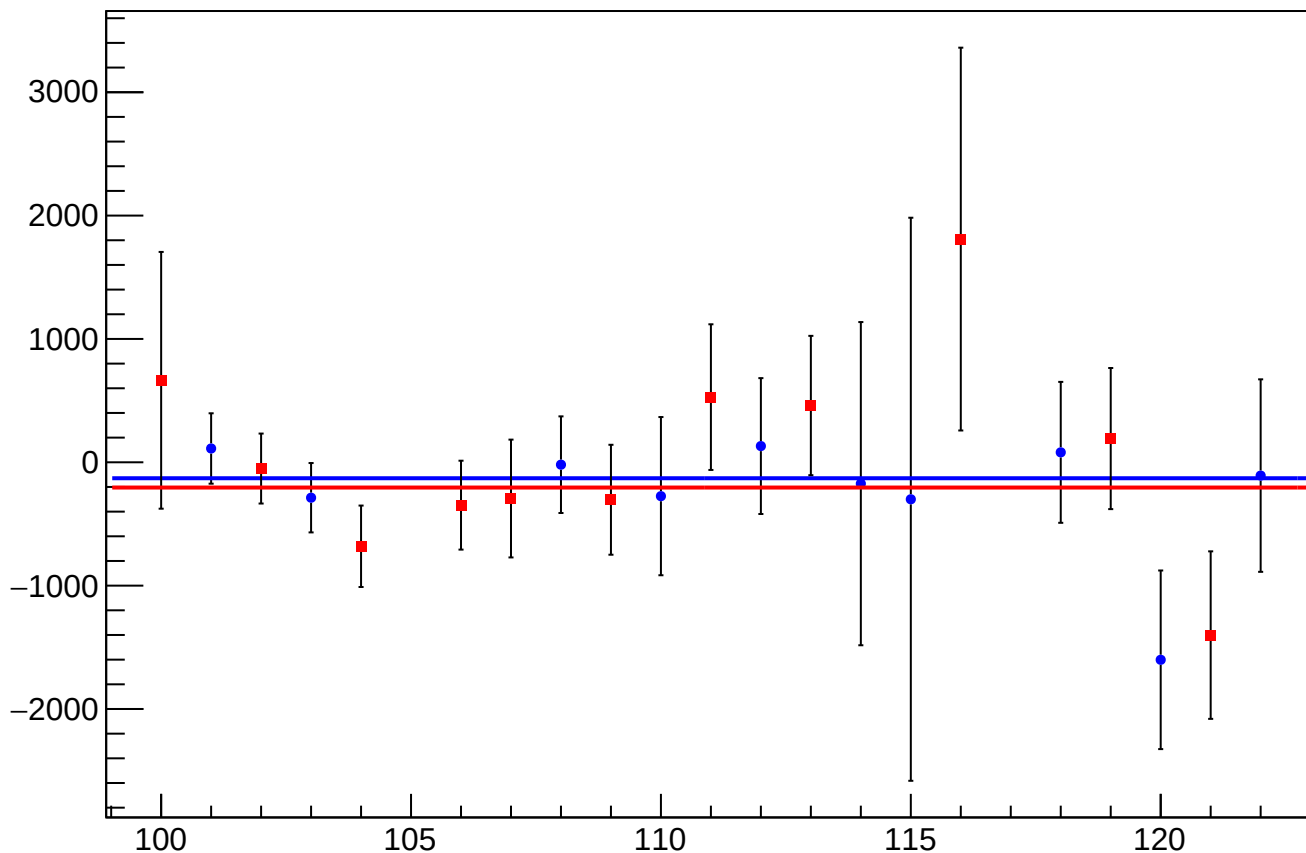
Right: 60.456+/-0.015 χ^2/NDF : 368636.3/20

In: 61.721+/-0.022 χ^2/NDF : 164344.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.456+/-0.015 χ^2/NDF : 368636.3/20

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: -204.741 ± 139.619 χ^2/NDF : 11.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

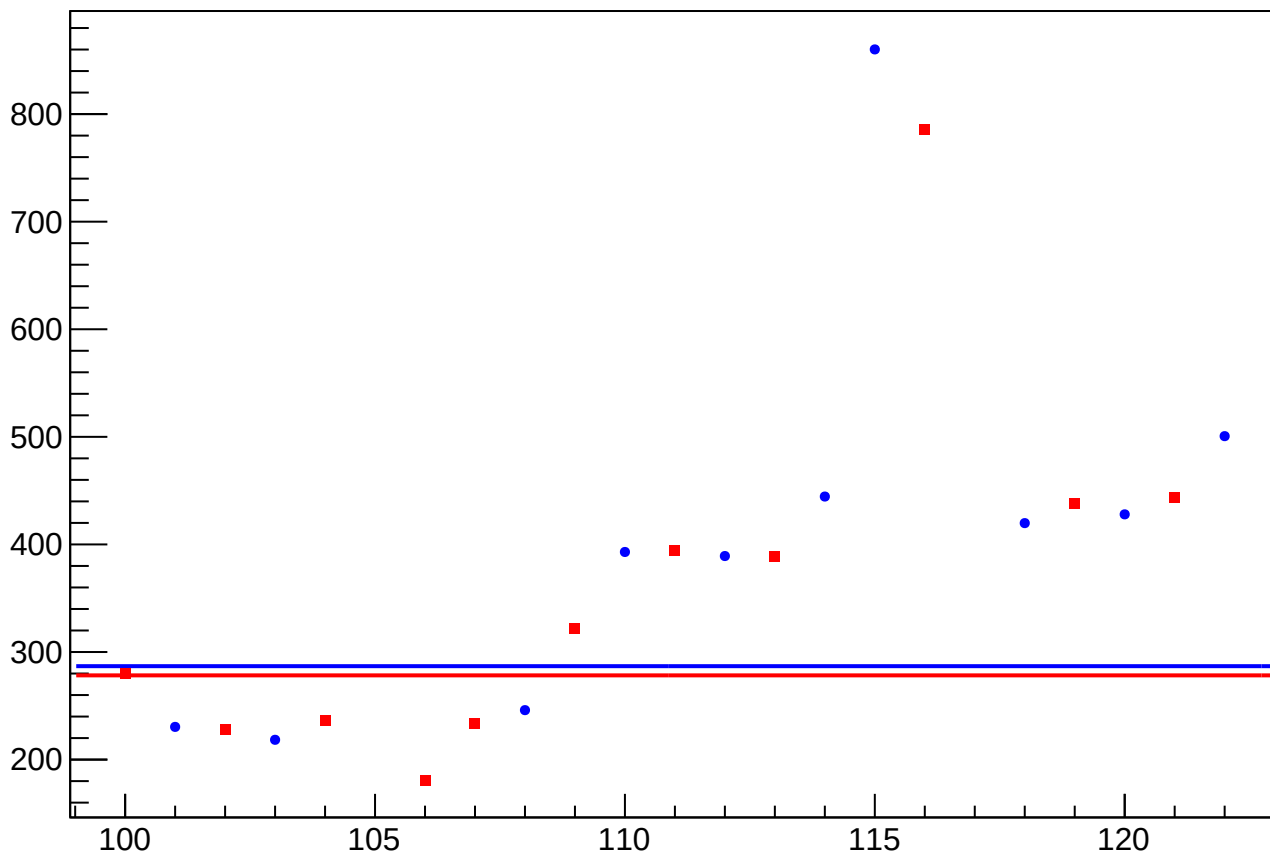
Right: -169.662 ± 102.132 χ^2/NDF : 17.3/20

In: -129.285 ± 149.790 χ^2/NDF : 5.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -169.662 ± 102.132 χ^2/NDF : 17.3/20

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: 278.290+/-0.099 χ^2/NDF : 917952.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

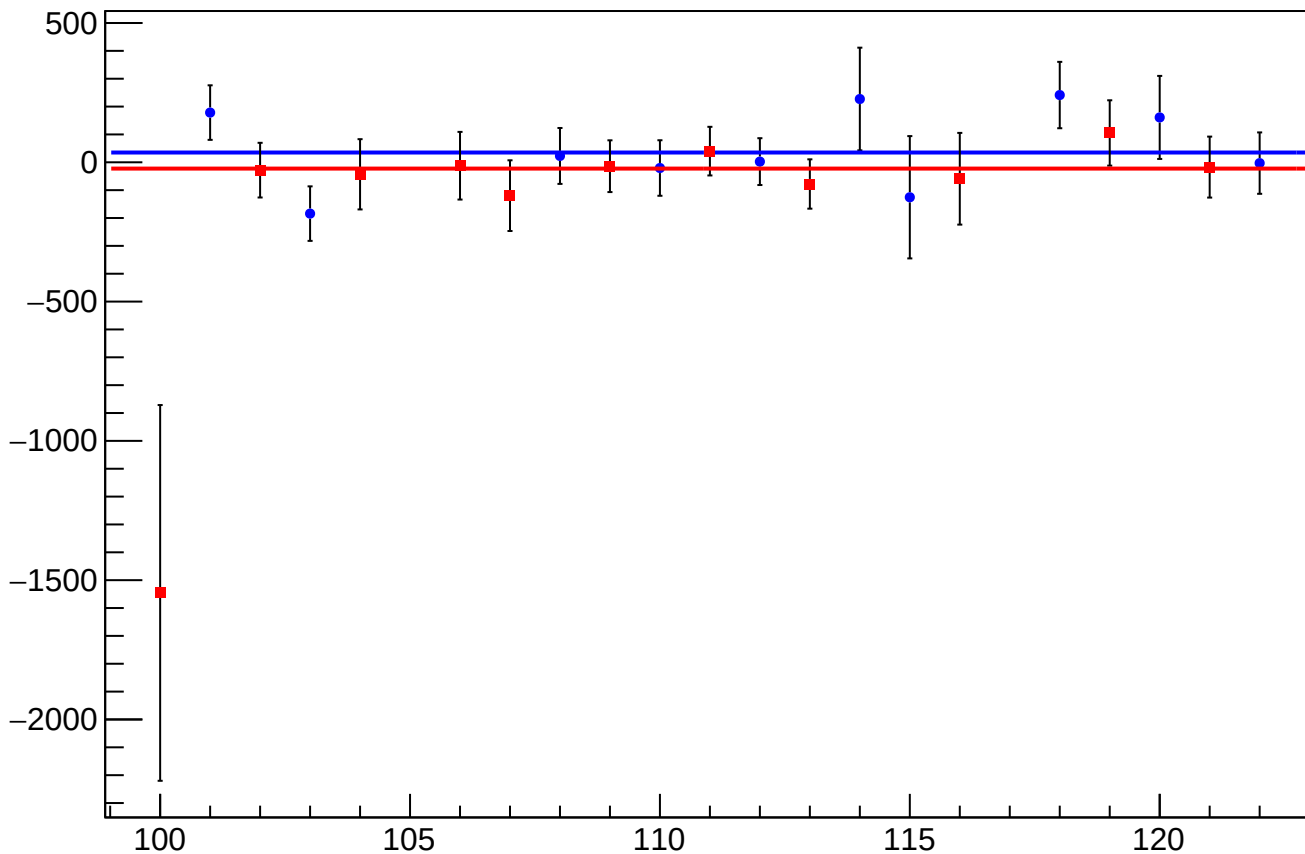
Right: 282.266+/-0.072 χ^2/NDF : 1753462.7/20

In: 286.843+/-0.106 χ^2/NDF : 832021.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.266+/-0.072 χ^2/NDF : 1753462.7/20

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: -22.590+/-33.970 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

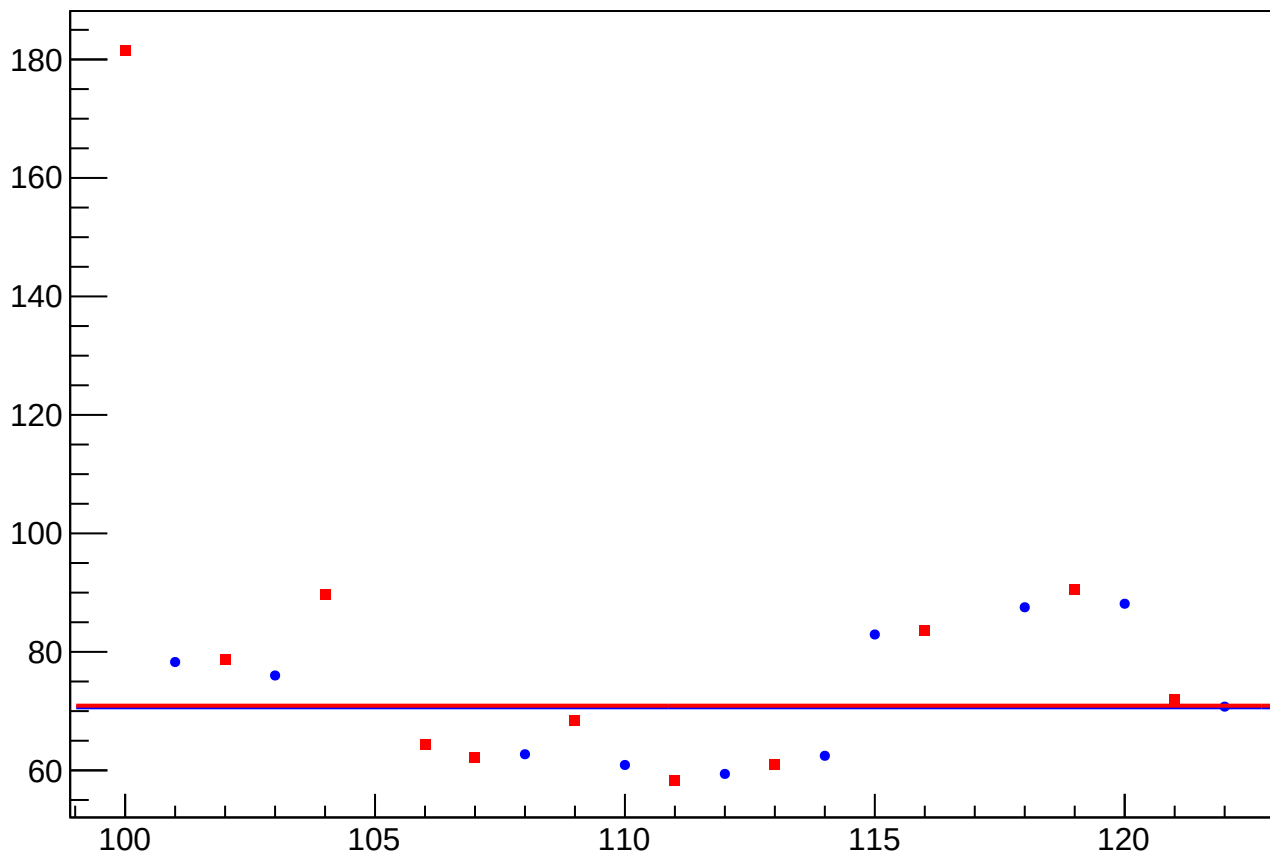
Right: 5.074+/-24.508 χ^2/NDF : 22.4/20

In: 35.104+/-35.393 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.074+/-24.508 χ^2/NDF : 22.4/20

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: 70.920 $\pm$ 0.024 χ^2 /NDF: 262583.0/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

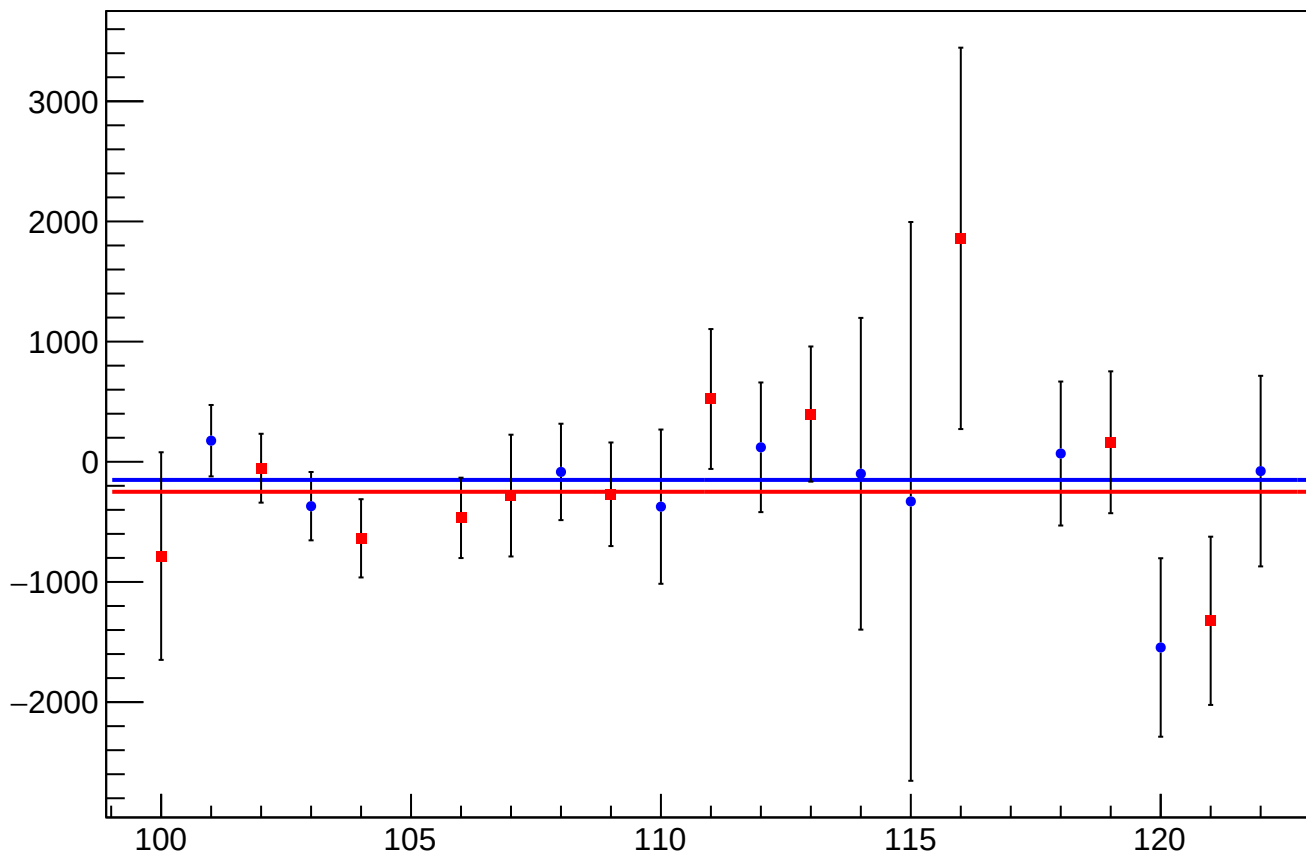
Right: 70.788 $\pm$ 0.017 χ^2 /NDF: 426109.0/20

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: 70.788 $\pm$ 0.017 χ^2 /NDF: 426109.0/20

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: -249.729 ± 137.885 χ^2/NDF : 10.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

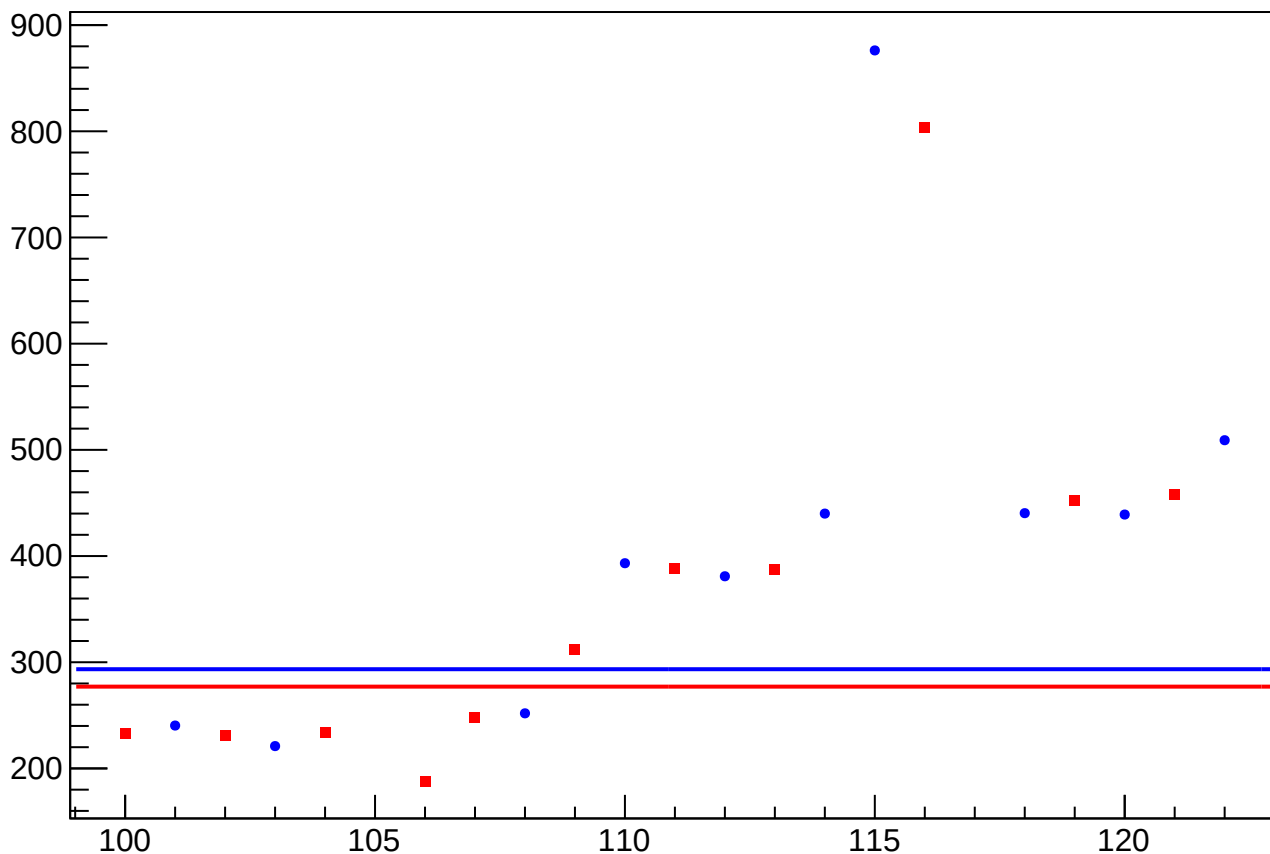
Right: -205.416 ± 102.414 χ^2/NDF : 16.5/20

In: -150.888 ± 152.955 χ^2/NDF : 5.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -205.416 ± 102.414 χ^2/NDF : 16.5/20

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: 277.030+/-0.097 χ^2/NDF : 936158.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

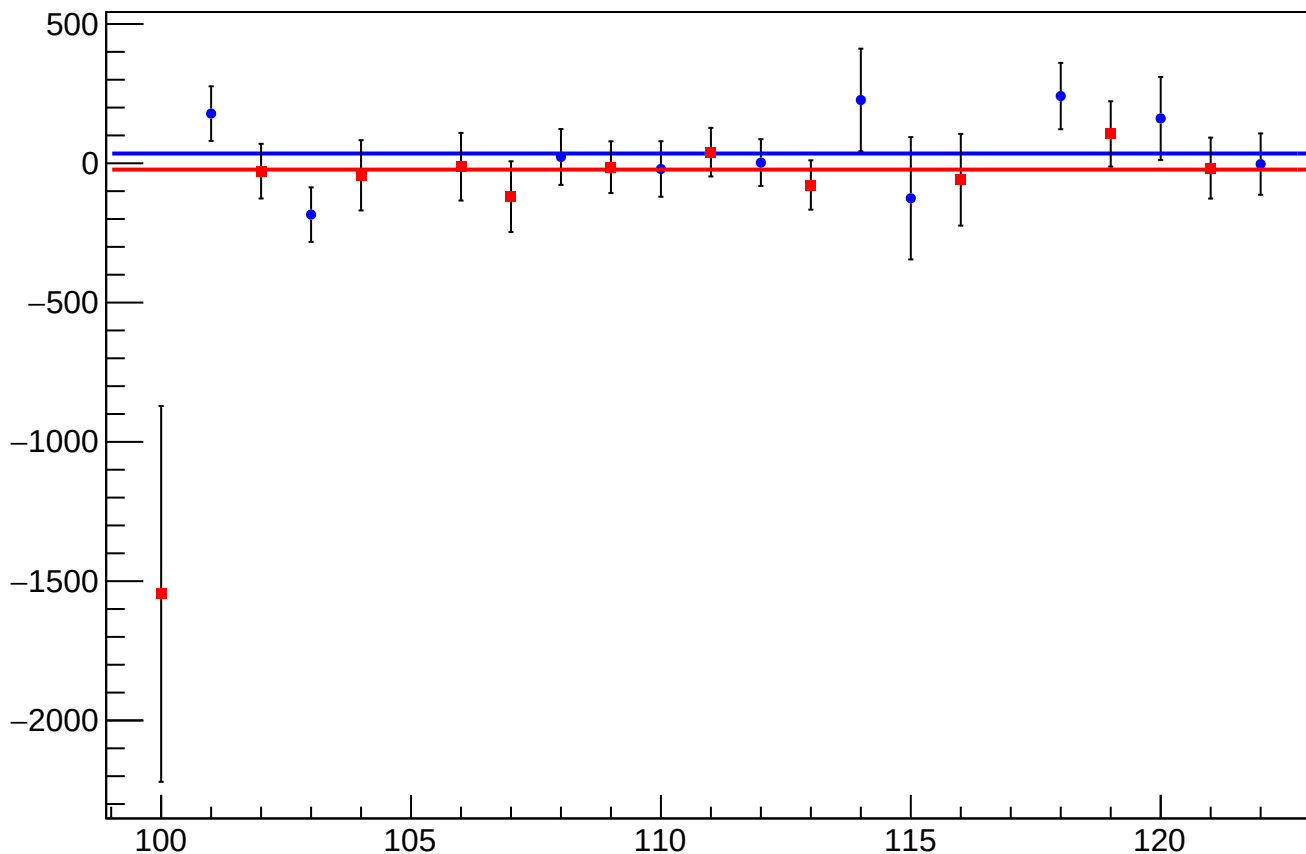
Right: 284.384+/-0.072 χ^2/NDF : 1761079.6/20

In: 293.433+/-0.108 χ^2/NDF : 812231.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.384+/-0.072 χ^2/NDF : 1761079.6/20

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: -22.590+/-33.970 χ^2/NDF : 7.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

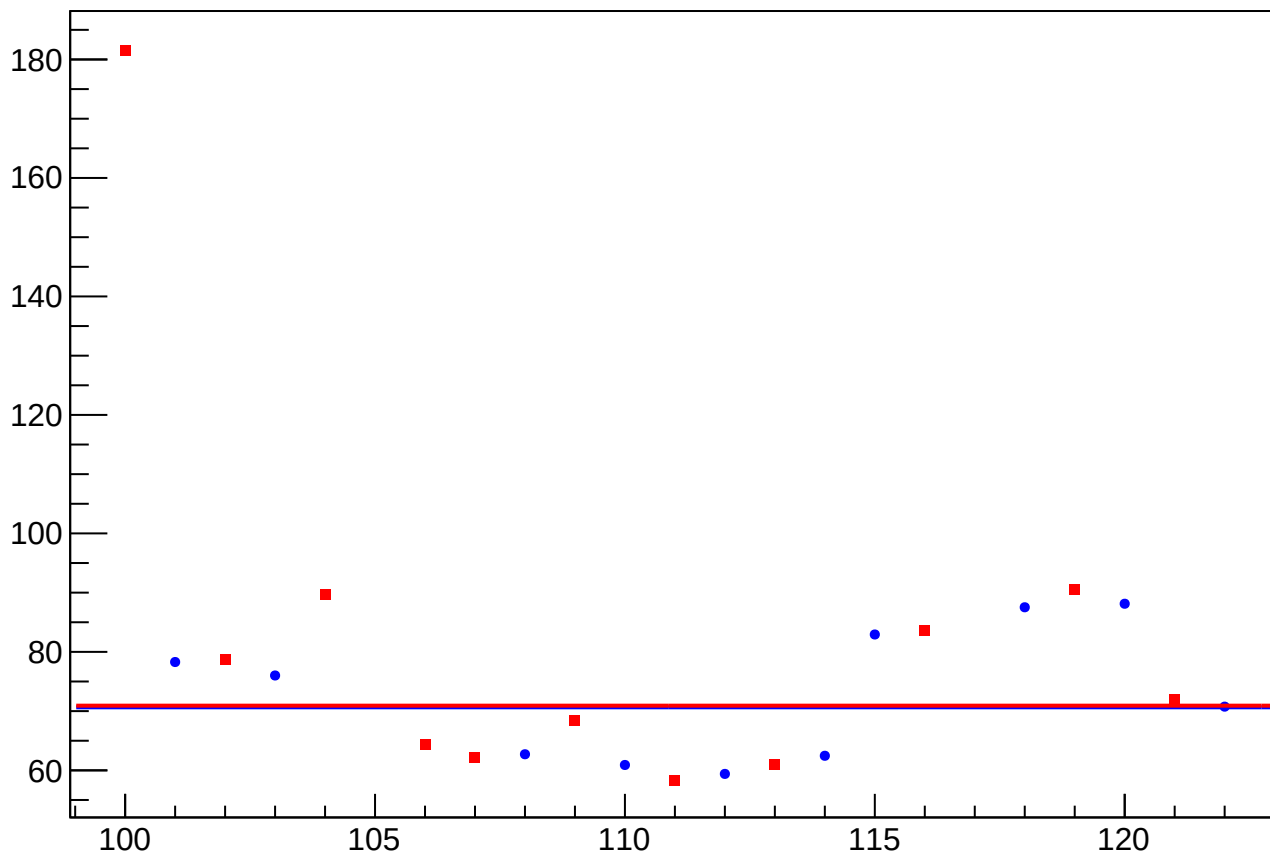
Right: 5.074+/-24.508 χ^2/NDF : 22.4/20

In: 35.104+/-35.393 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.074+/-24.508 χ^2/NDF : 22.4/20

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.645+/-0.025 χ^2/NDF : 163462.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.920+/-0.024 χ^2/NDF : 262586.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

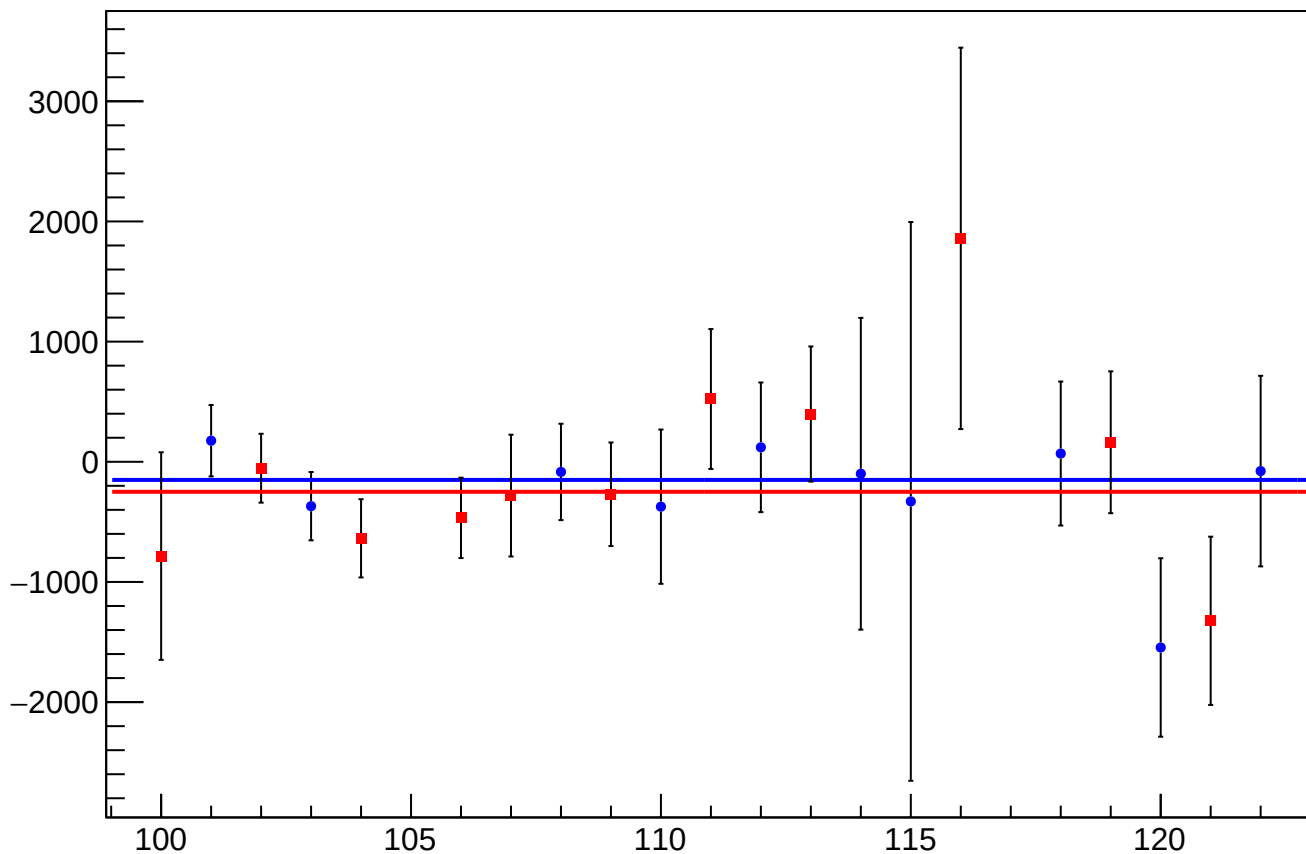
Right: 70.788+/-0.017 χ^2/NDF : 426111.9/20

In: 70.645+/-0.025 χ^2/NDF : 163462.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.788+/-0.017 χ^2/NDF : 426111.9/20

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: -249.730 ± 137.885 χ^2/NDF : 10.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

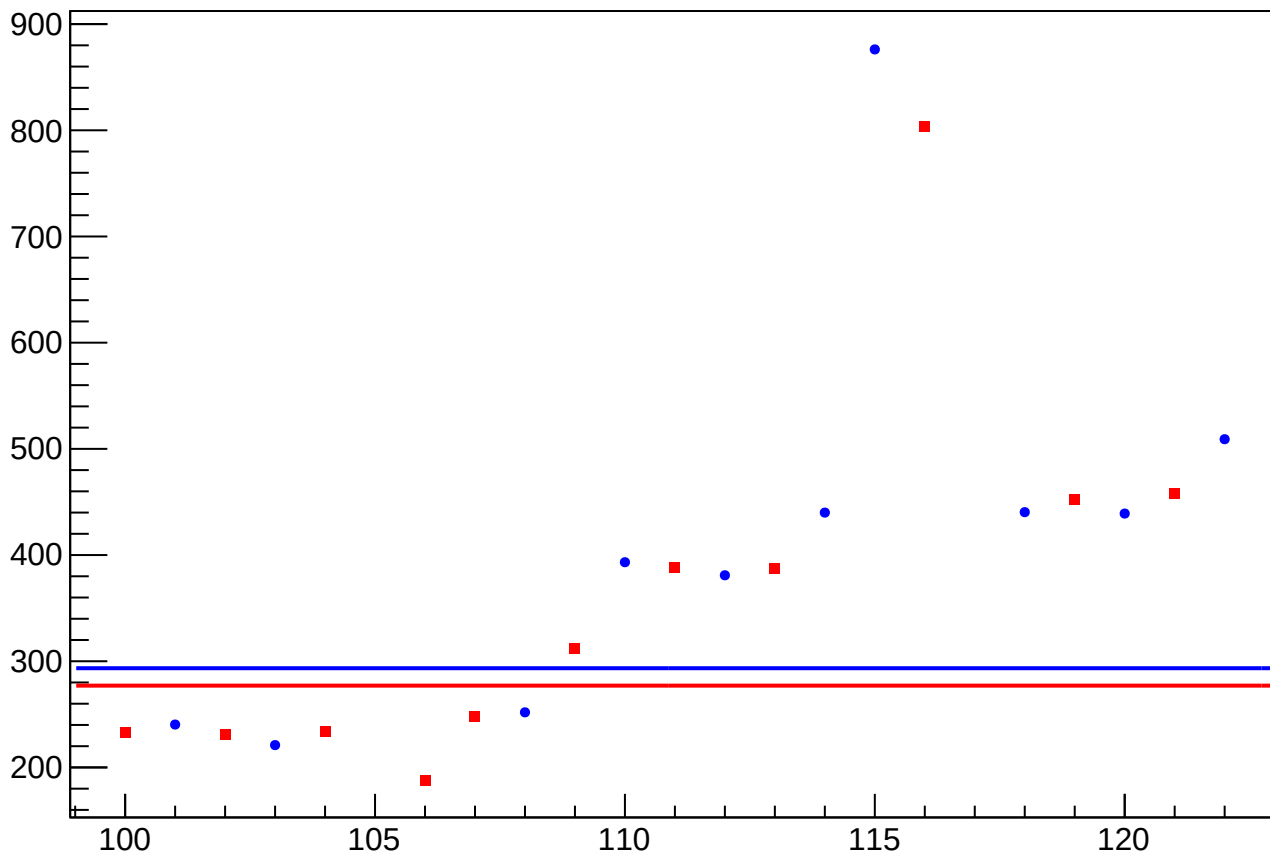
Right: -205.416 ± 102.414 χ^2/NDF : 16.5/20

In: -150.888 ± 152.955 χ^2/NDF : 5.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -205.416 ± 102.414 χ^2/NDF : 16.5/20

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: 277.030+/-0.097 χ^2/NDF : 936157.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

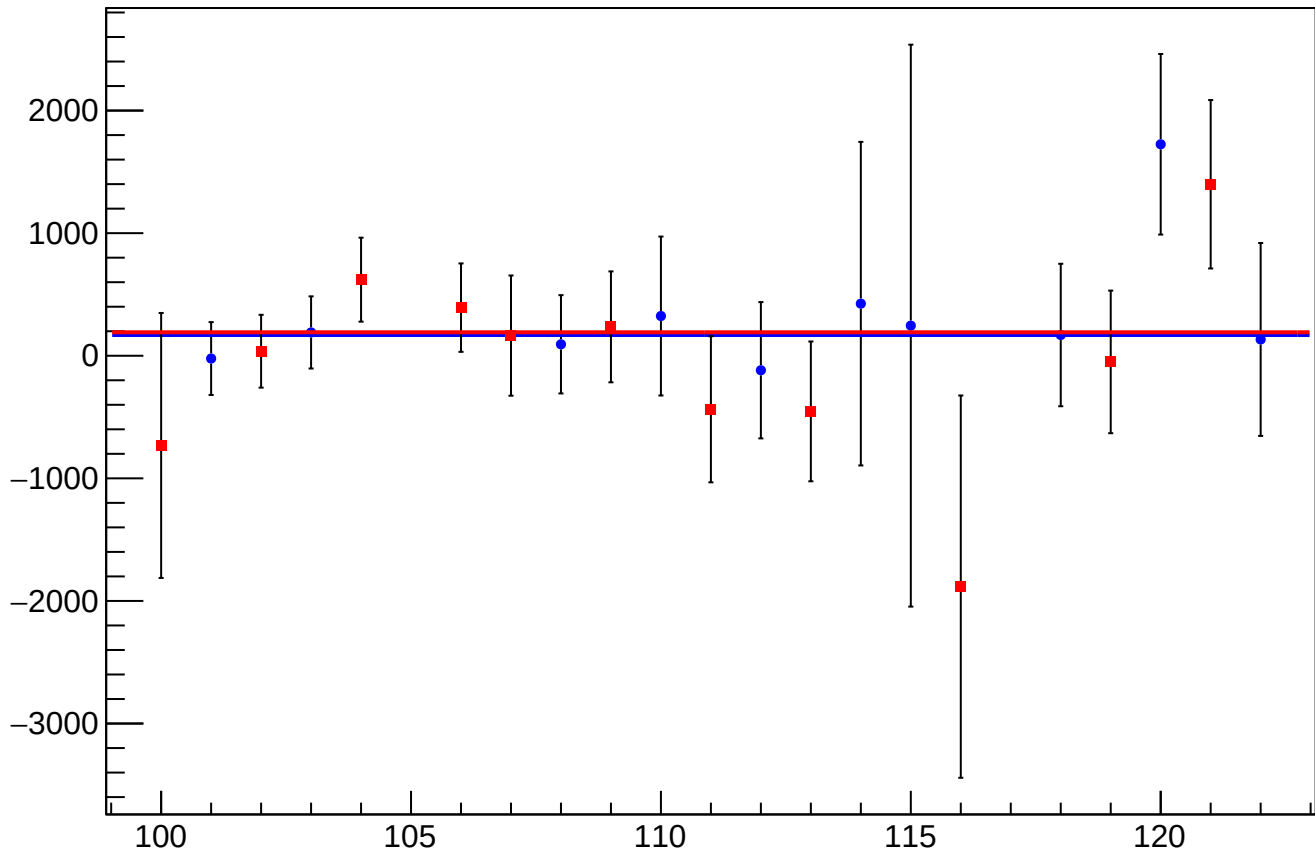
Right: 284.384+/-0.072 χ^2/NDF : 1761077.2/20

In: 293.433+/-0.108 χ^2/NDF : 812230.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.384+/-0.072 χ^2/NDF : 1761077.2/20

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 169.377 $\pm$ 154.499 χ^2 /NDF: 5.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 191.522 $\pm$ 143.117 χ^2 /NDF: 10.3/10

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

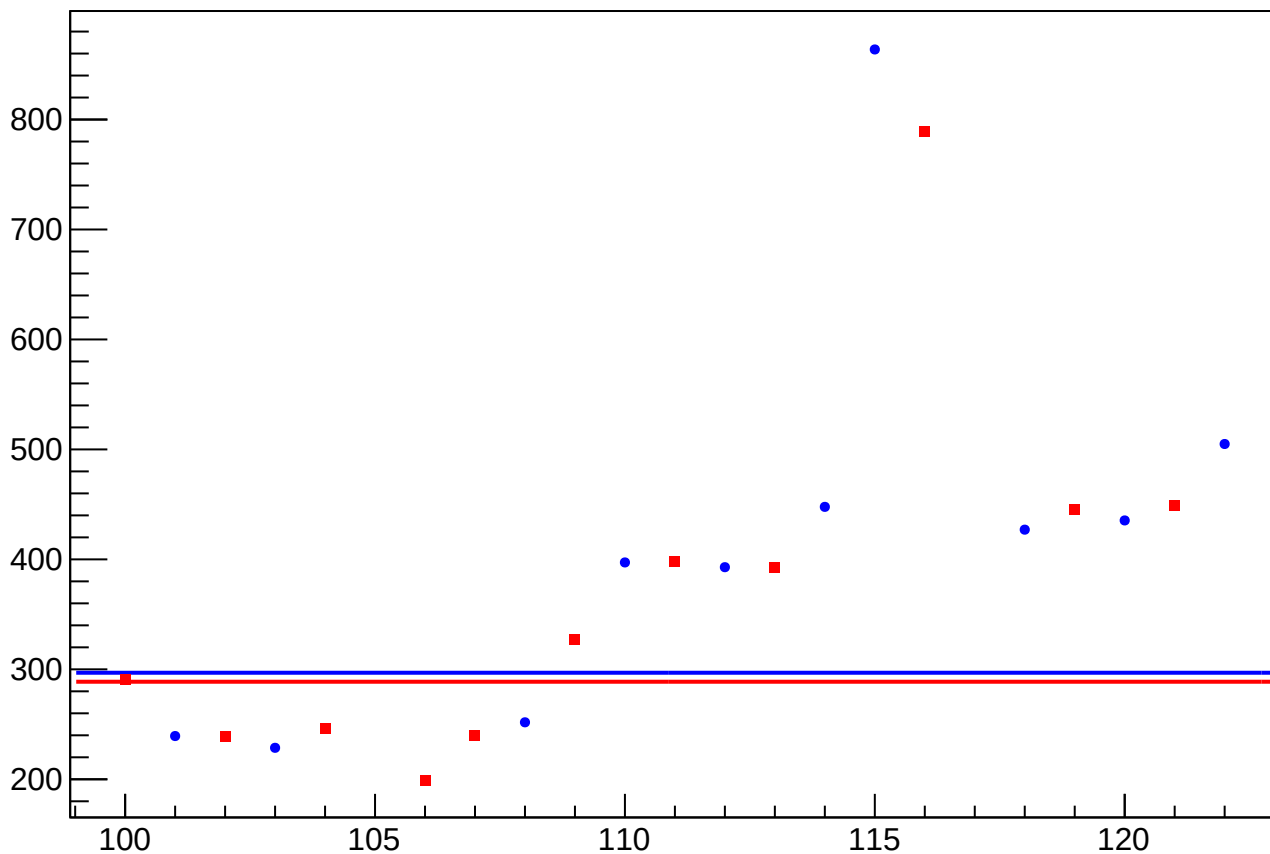
Right: 181.295 $\pm$ 104.993 χ^2 /NDF: 15.6/20

In: 169.377 $\pm$ 154.499 χ^2 /NDF:5.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 181.295 $\pm$ 104.993 χ^2 /NDF: 15.6/20

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: 288.722+/-0.101 χ^2/NDF : 837623.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

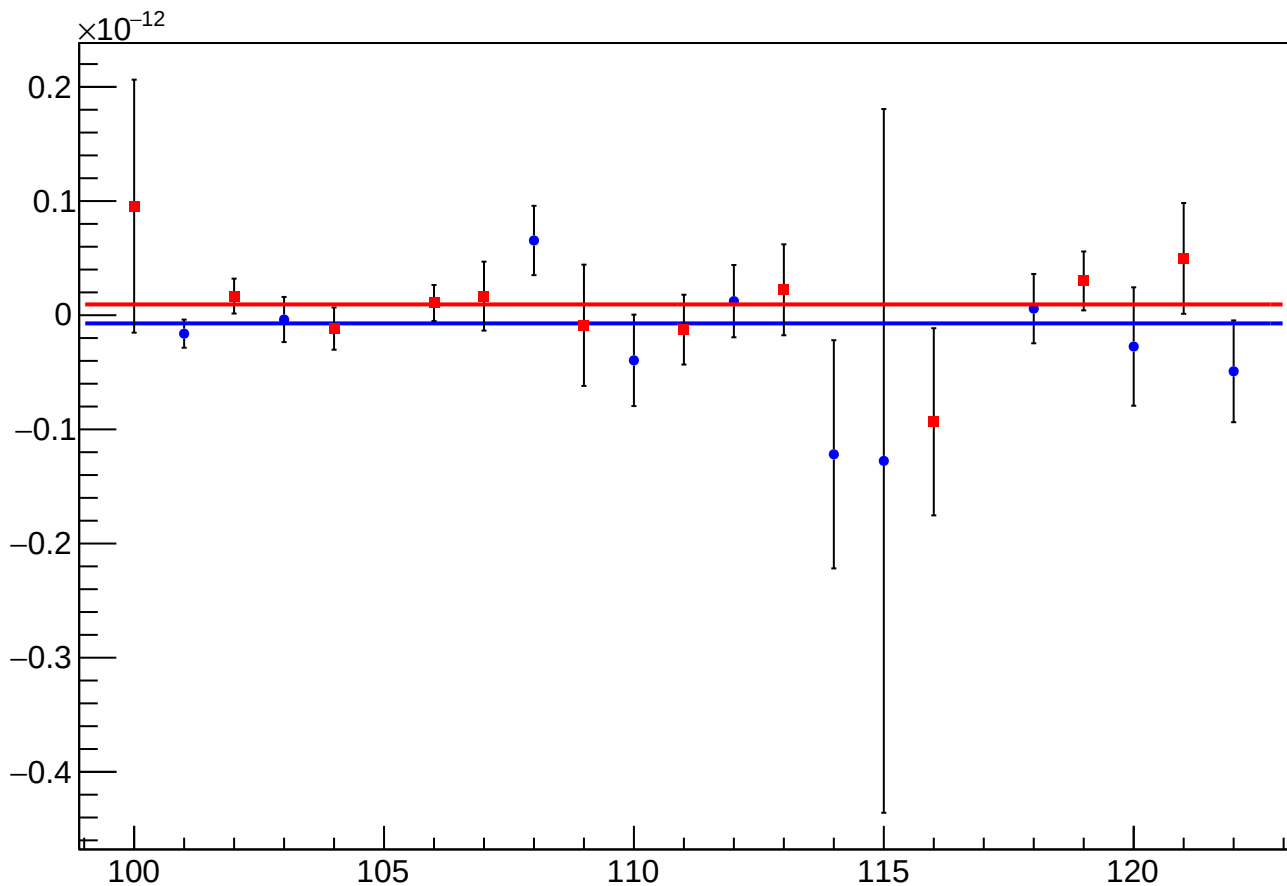
Right: 292.498+/-0.074 χ^2/NDF : 1615406.4/20

In: 296.899+/-0.109 χ^2/NDF : 774767.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.498+/-0.074 χ^2/NDF : 1615406.4/20

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: 5.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

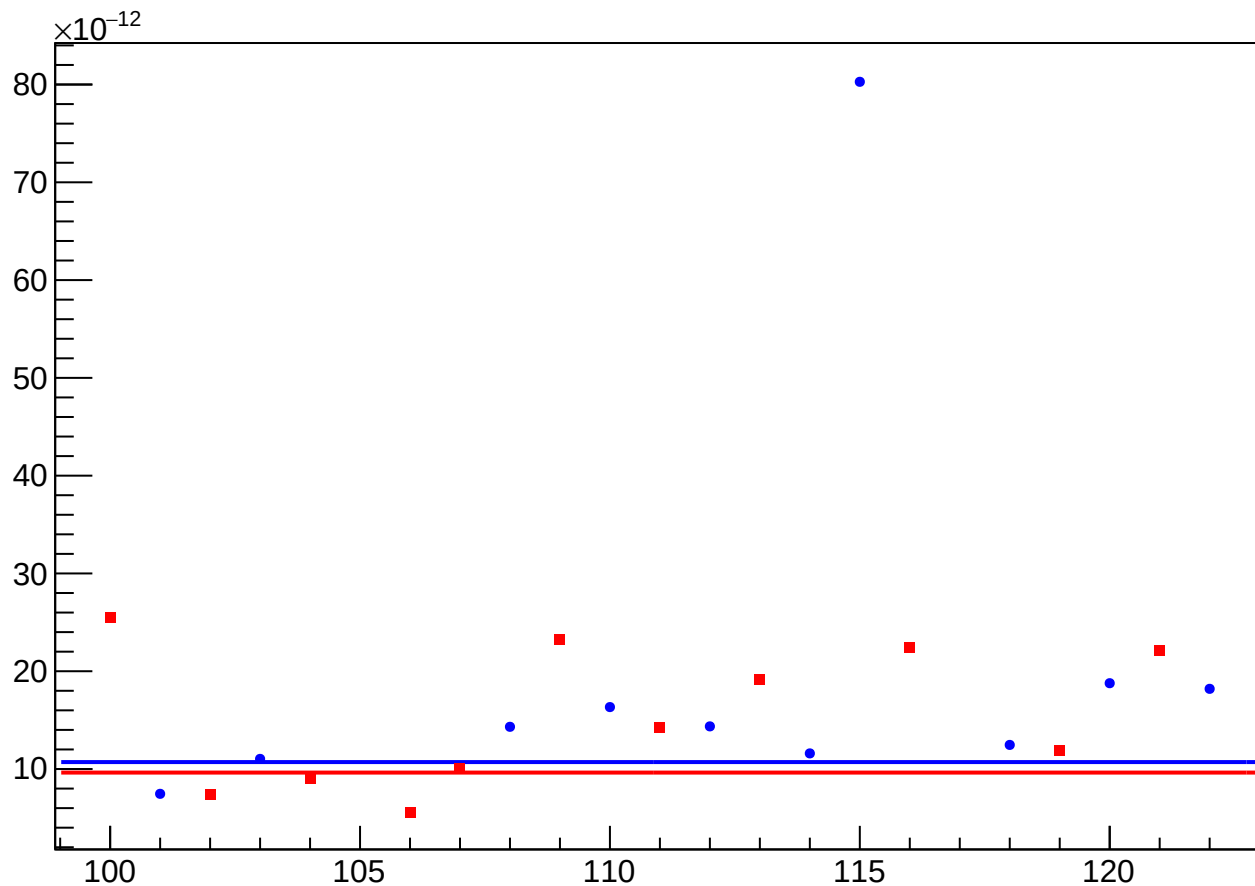
Right: 0.000+/-0.000 χ^2 /NDF: 17.9/20

In: -0.000+/-0.000 χ^2 /NDF:10.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 17.9/20

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 : 710687.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

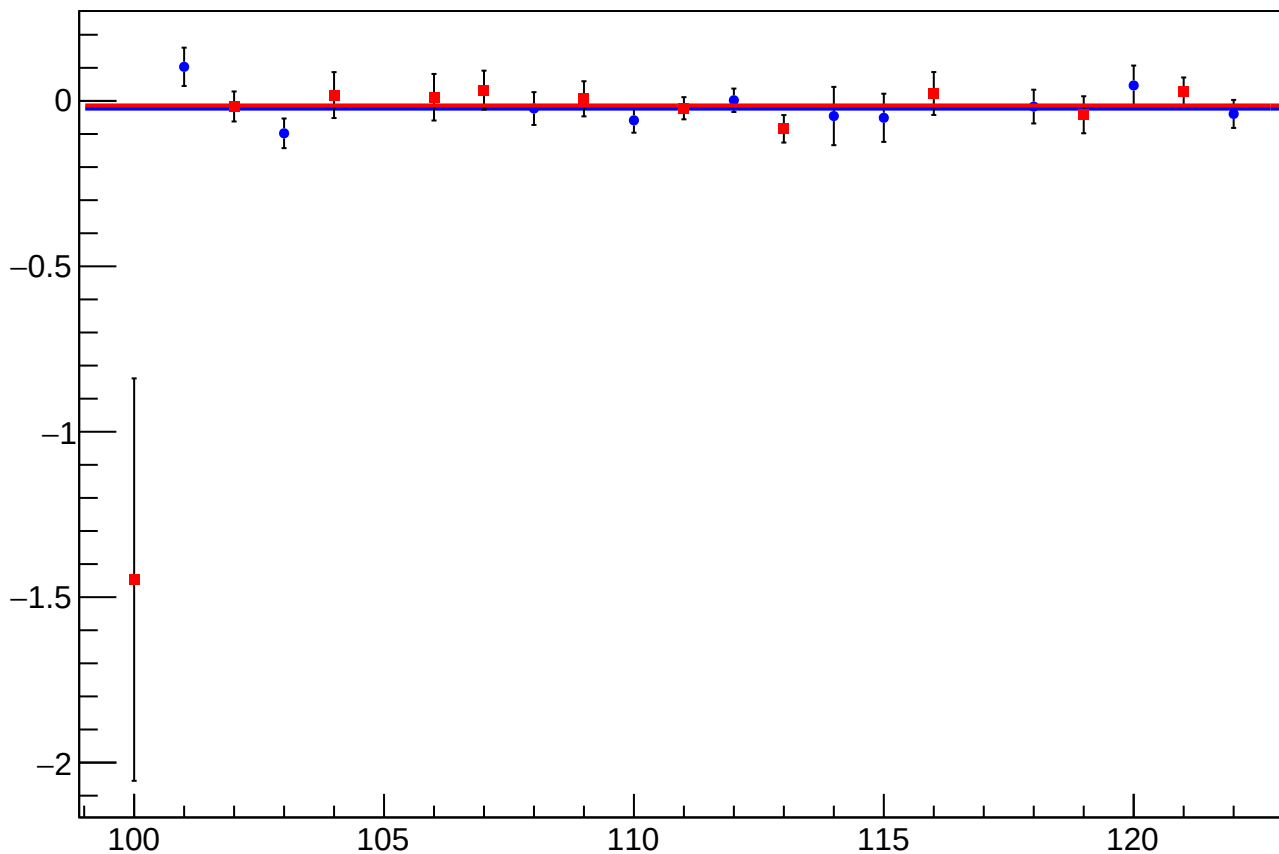
Right: 0.000+/-0.000 χ^2/NDF : 1175355.5/20

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 : 1175355.5/20

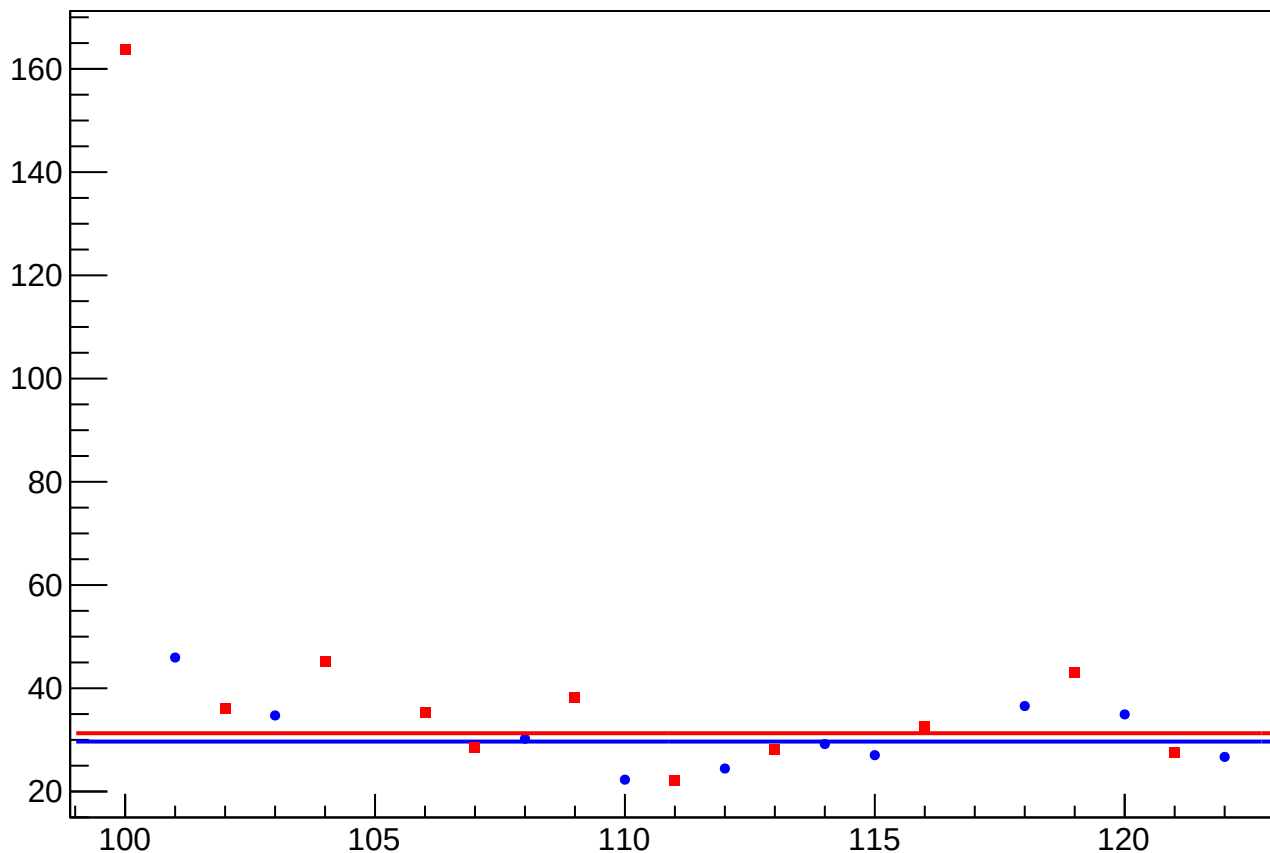
asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.014+/-0.016 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: -0.019+/-0.011 χ^2 /NDF: 21.9/20
 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: 21.9/20

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: 31.293+/-0.011 χ^2/NDF : 507787.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

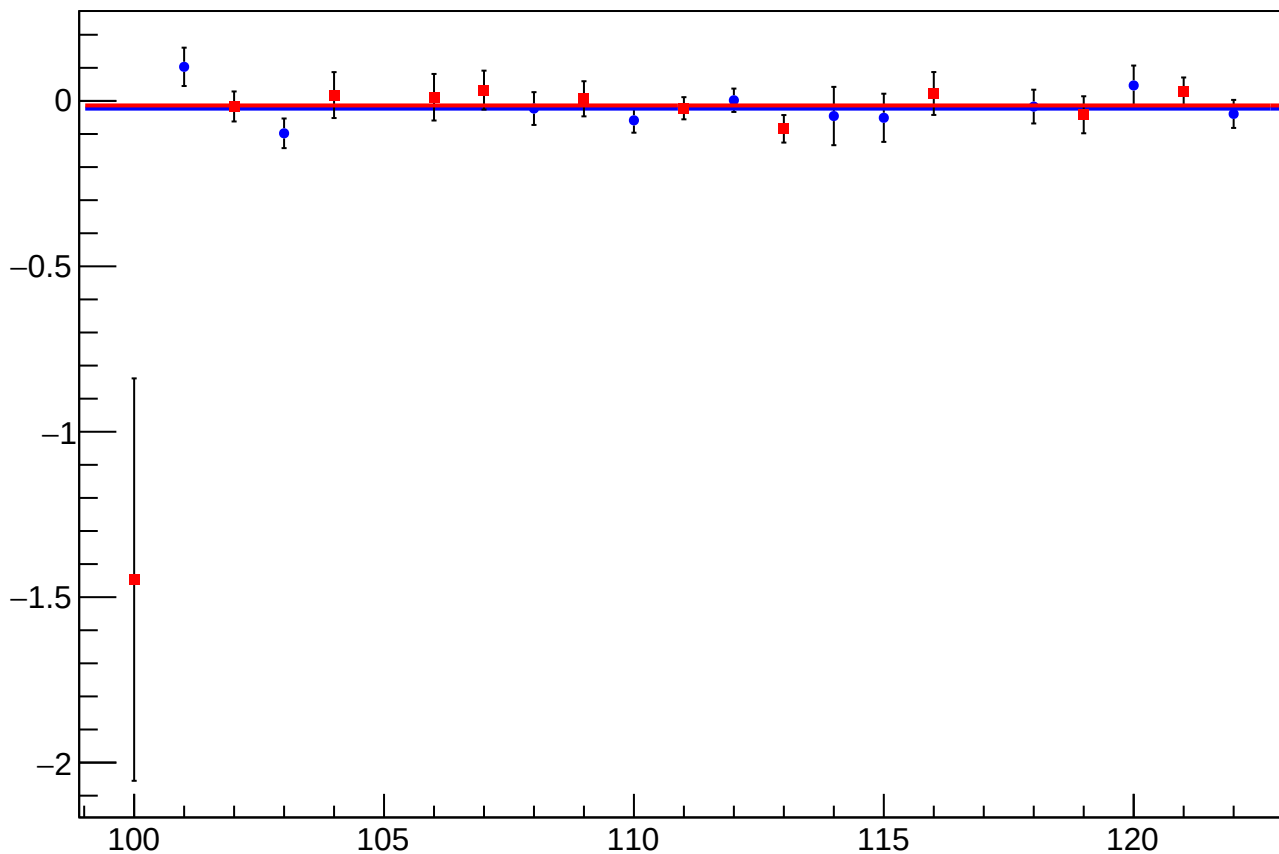
Right: 30.469+/-0.008 χ^2/NDF : 888360.7/20

In: 29.676+/-0.011 χ^2/NDF : 369647.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.469+/-0.008 χ^2/NDF : 888360.7/20

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: -0.014+/-0.016 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

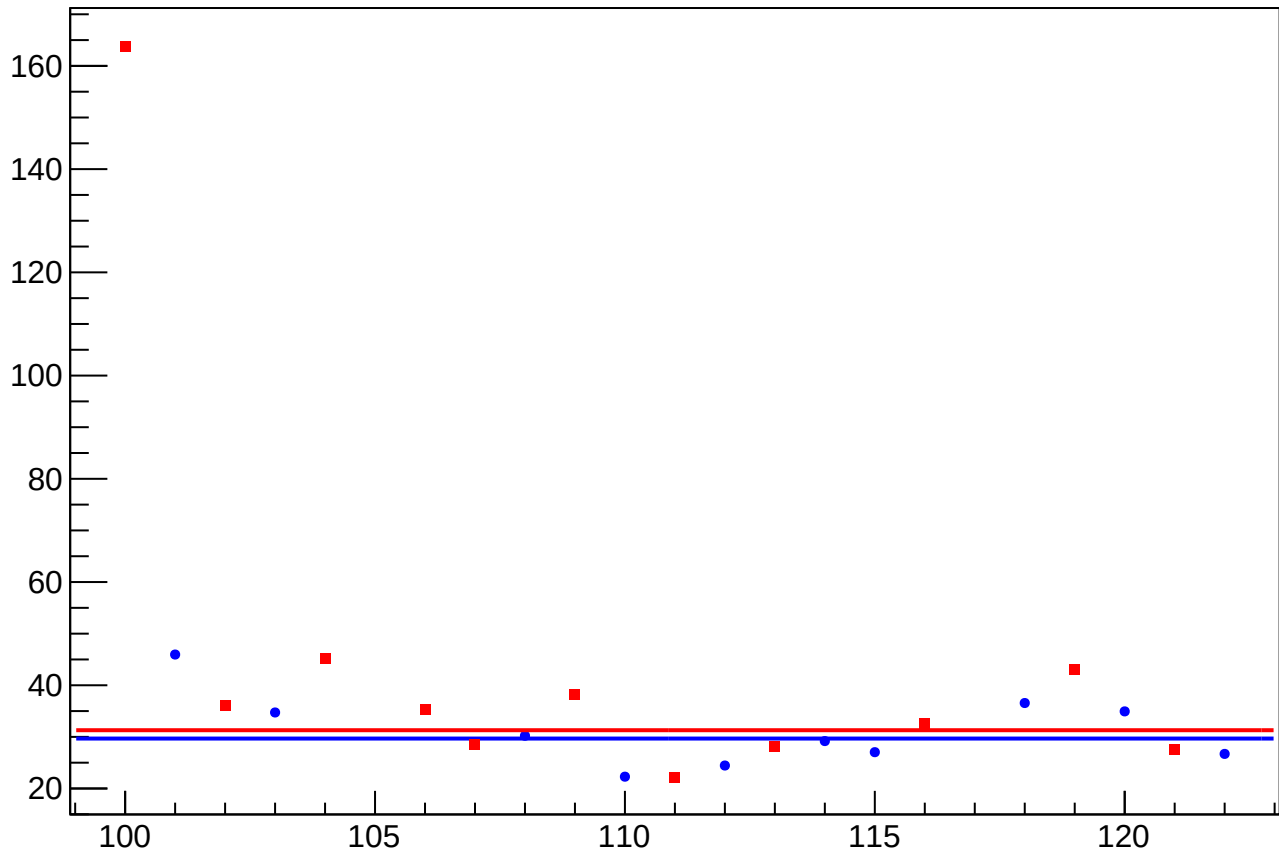
Right: -0.019+/-0.011 χ^2/NDF : 21.9/20

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 : 21.9/20

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676 $\pm$ 0.011 χ^2 /NDF: 369647.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.293 $\pm$ 0.011 χ^2 /NDF: 507787.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

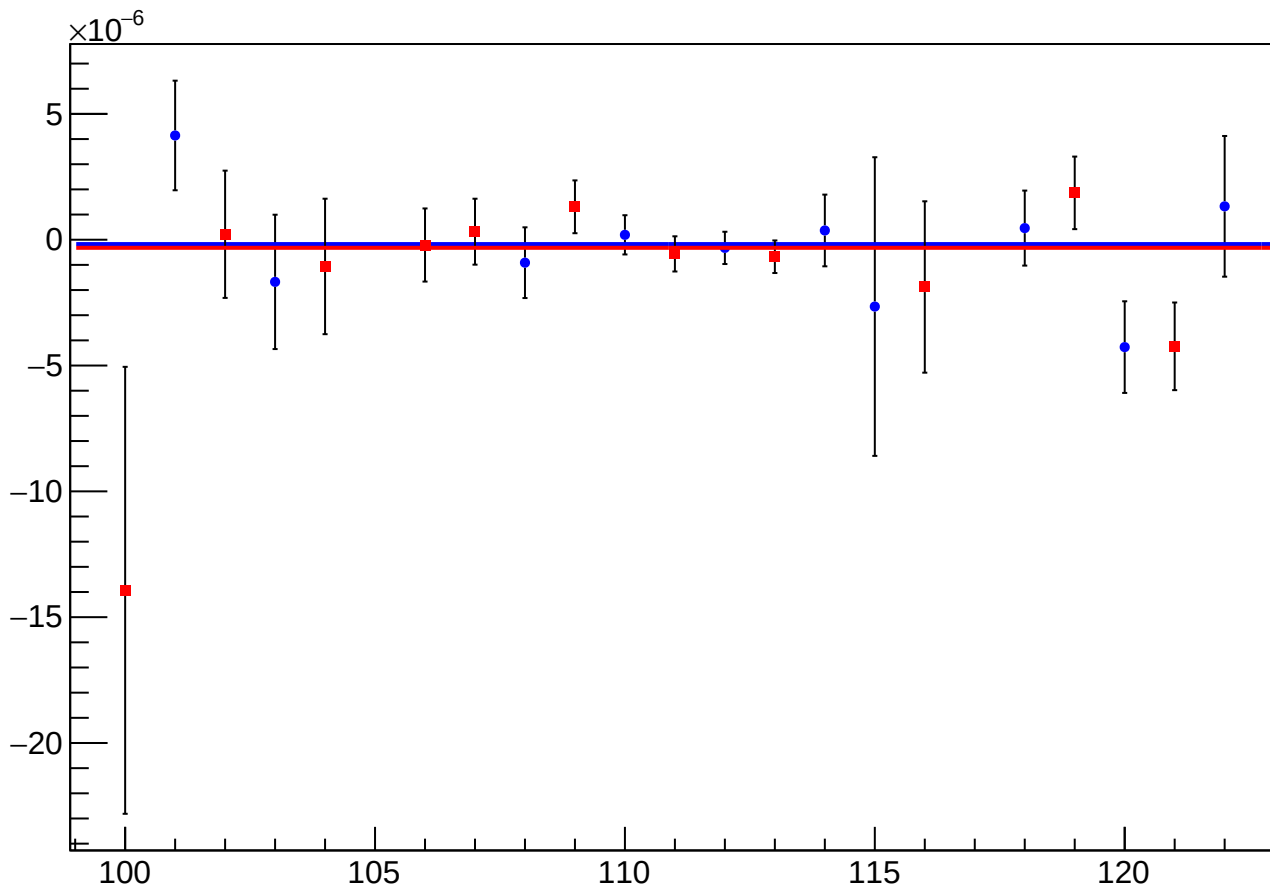
Right: 30.469 $\pm$ 0.008 χ^2 /NDF: 888360.7/20

In: 29.676 $\pm$ 0.011 χ^2 /NDF:369647.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.469 $\pm$ 0.008 χ^2 /NDF: 888360.7/20

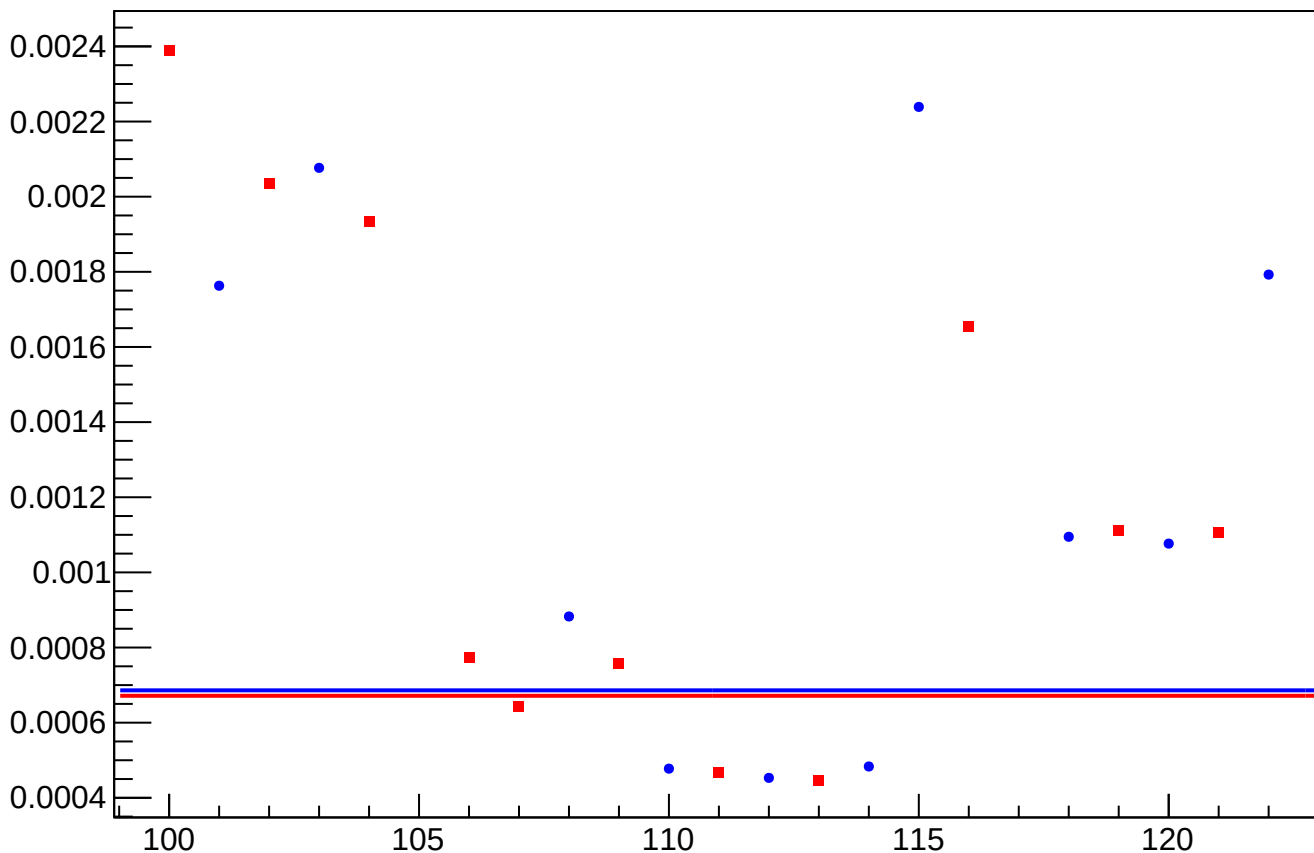
asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 13.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 23.8/20
 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 : 23.8/20

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 : 2013904.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

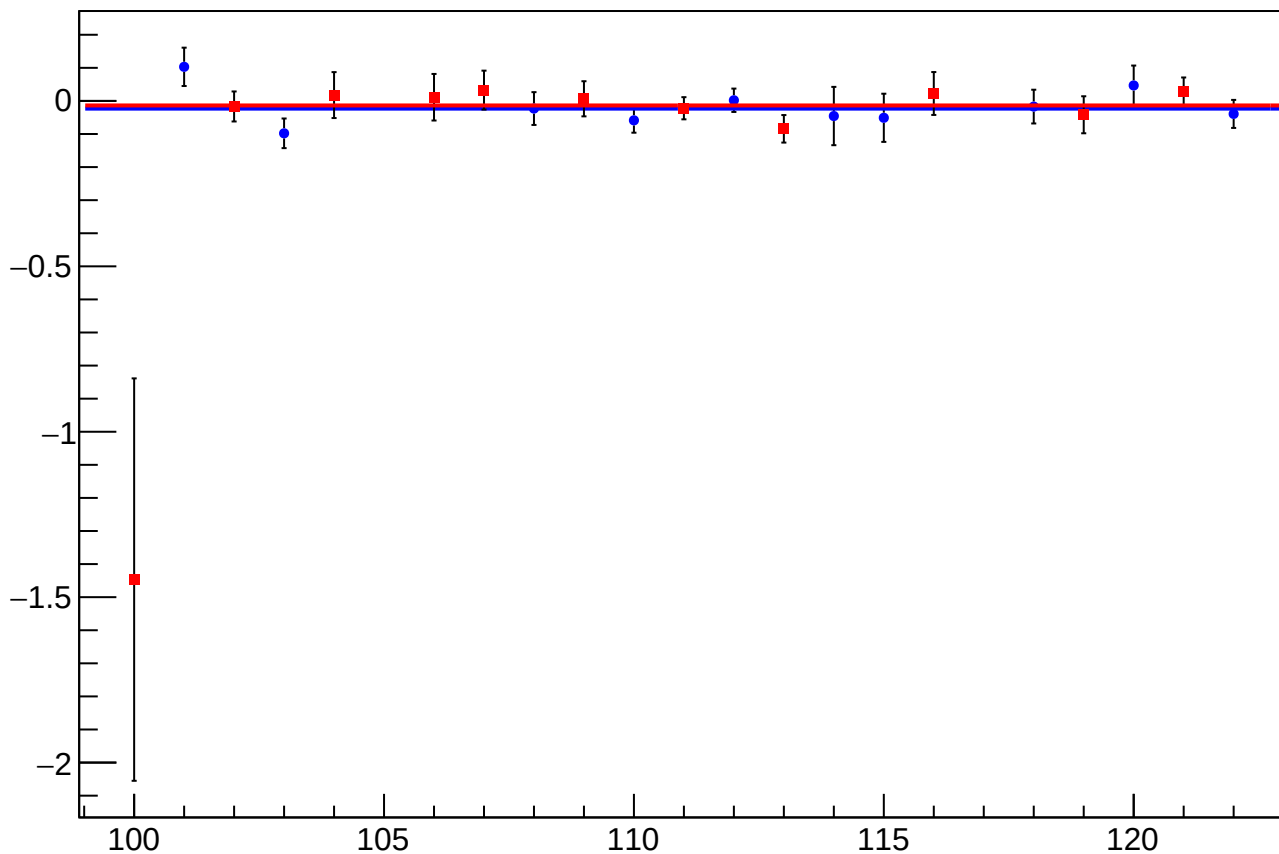
Right: 0.001+/-0.000 χ^2/NDF : 4226466.8/20

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 : 4226466.8/20

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.015 χ^2 /NDF: 10.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.016 χ^2 /NDF: 11.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

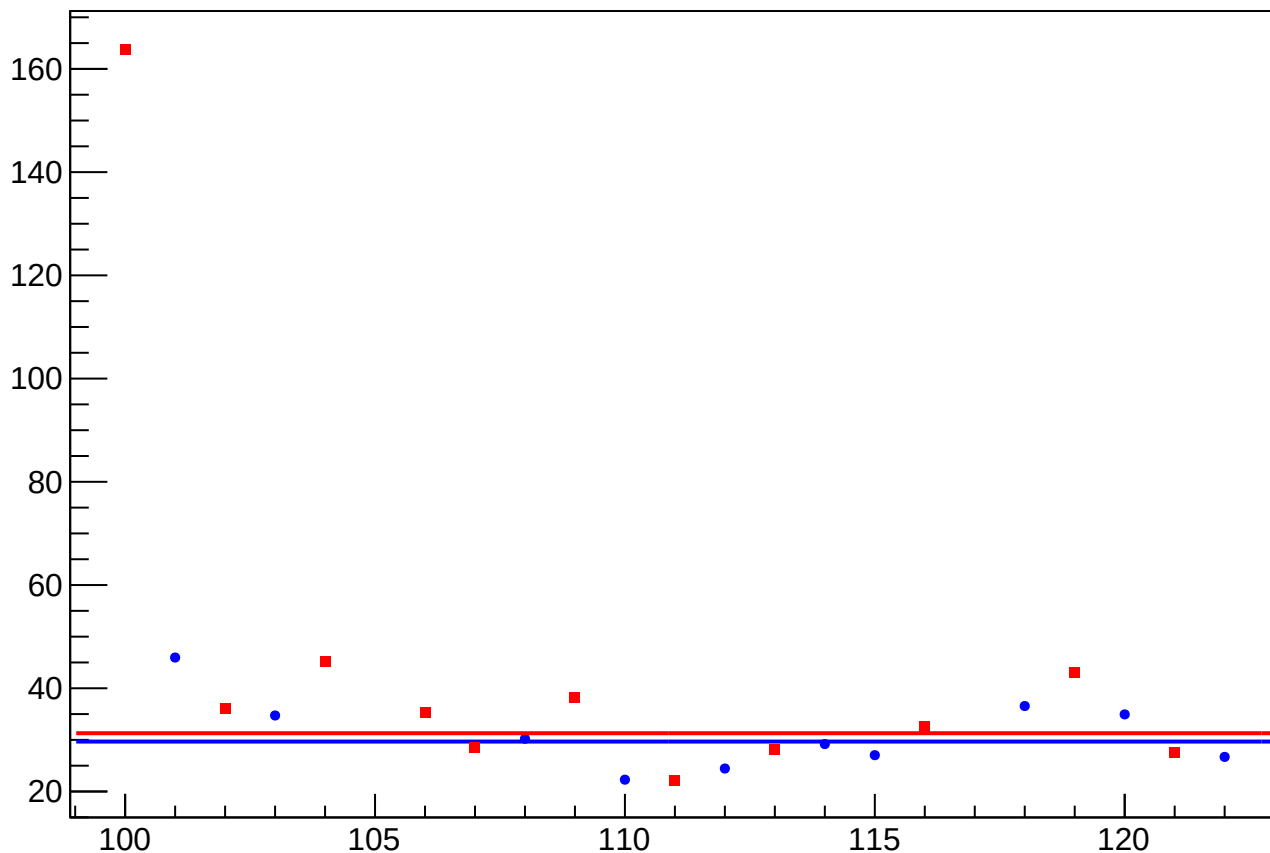
Right: -0.019 $\pm$ 0.011 χ^2 /NDF: 21.9/20

In: -0.023 $\pm$ 0.015 χ^2 /NDF:10.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.011 χ^2 /NDF: 21.9/20

asym_sam_37_48_dd_eigen_dit_vs_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: 31.293+/-0.011 χ^2/NDF : 507785.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

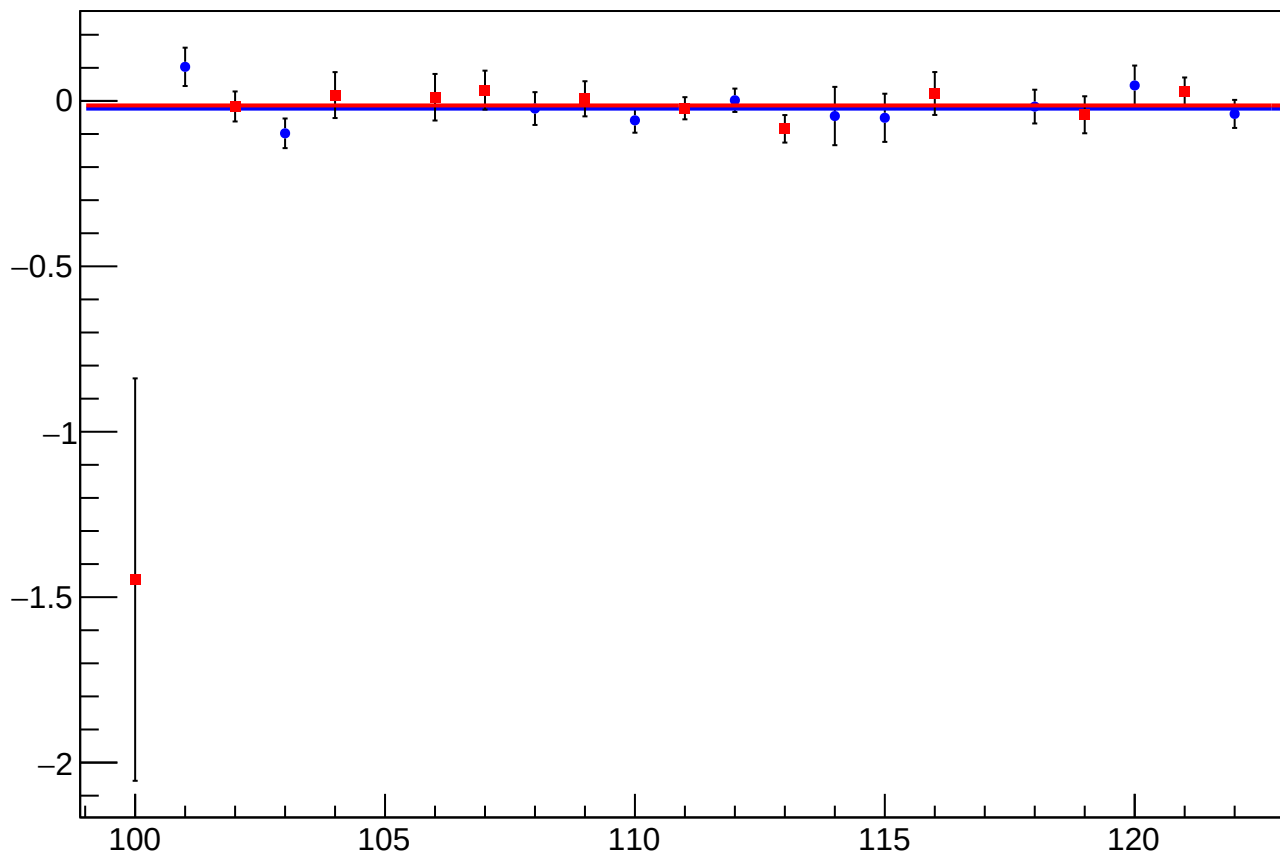
Right: 30.470+/-0.008 χ^2/NDF : 888354.7/20

In: 29.676+/-0.011 χ^2/NDF : 369643.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.470+/-0.008 χ^2/NDF : 888354.7/20

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: -0.014+/-0.016 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

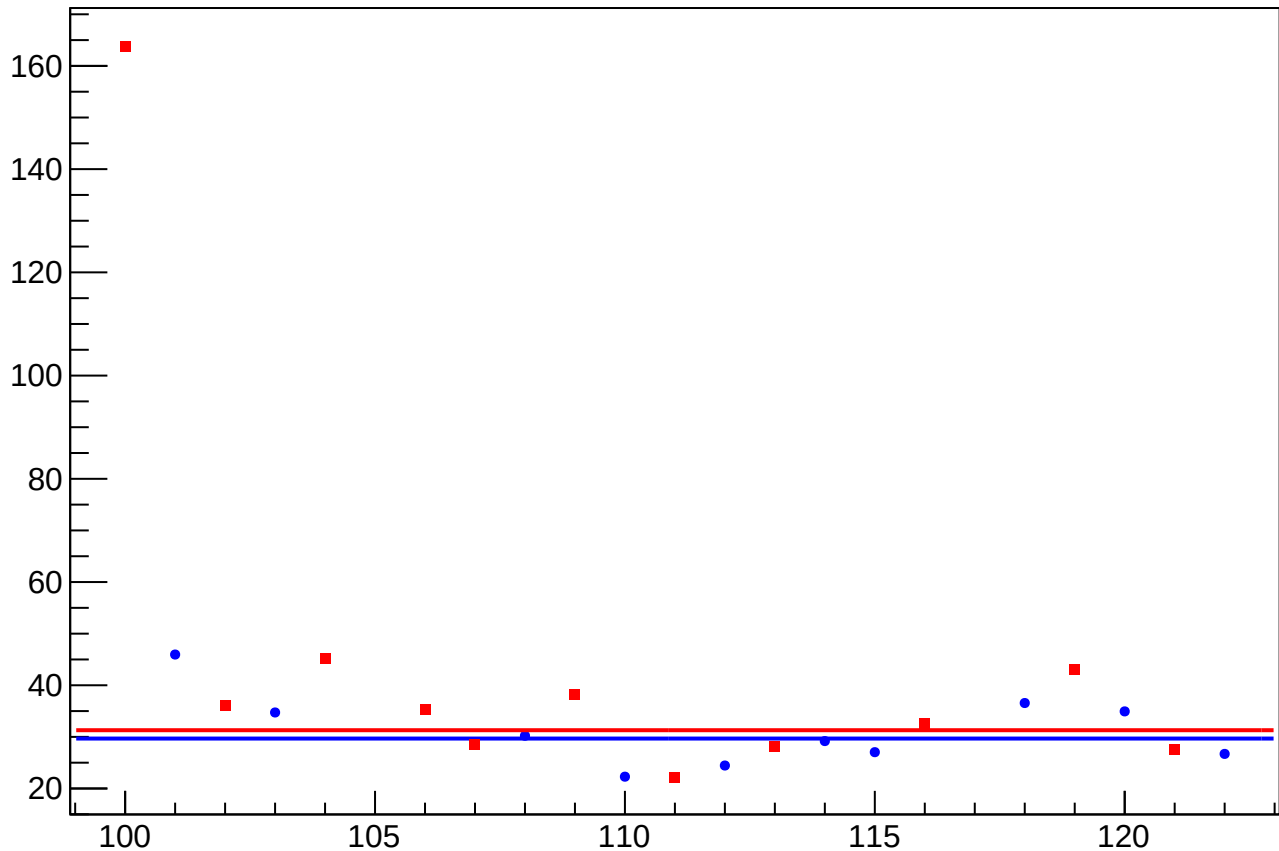
Right: -0.019+/-0.011 χ^2/NDF : 21.9/20

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 : 21.9/20

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: 31.293+/-0.011 χ^2/NDF : 507785.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

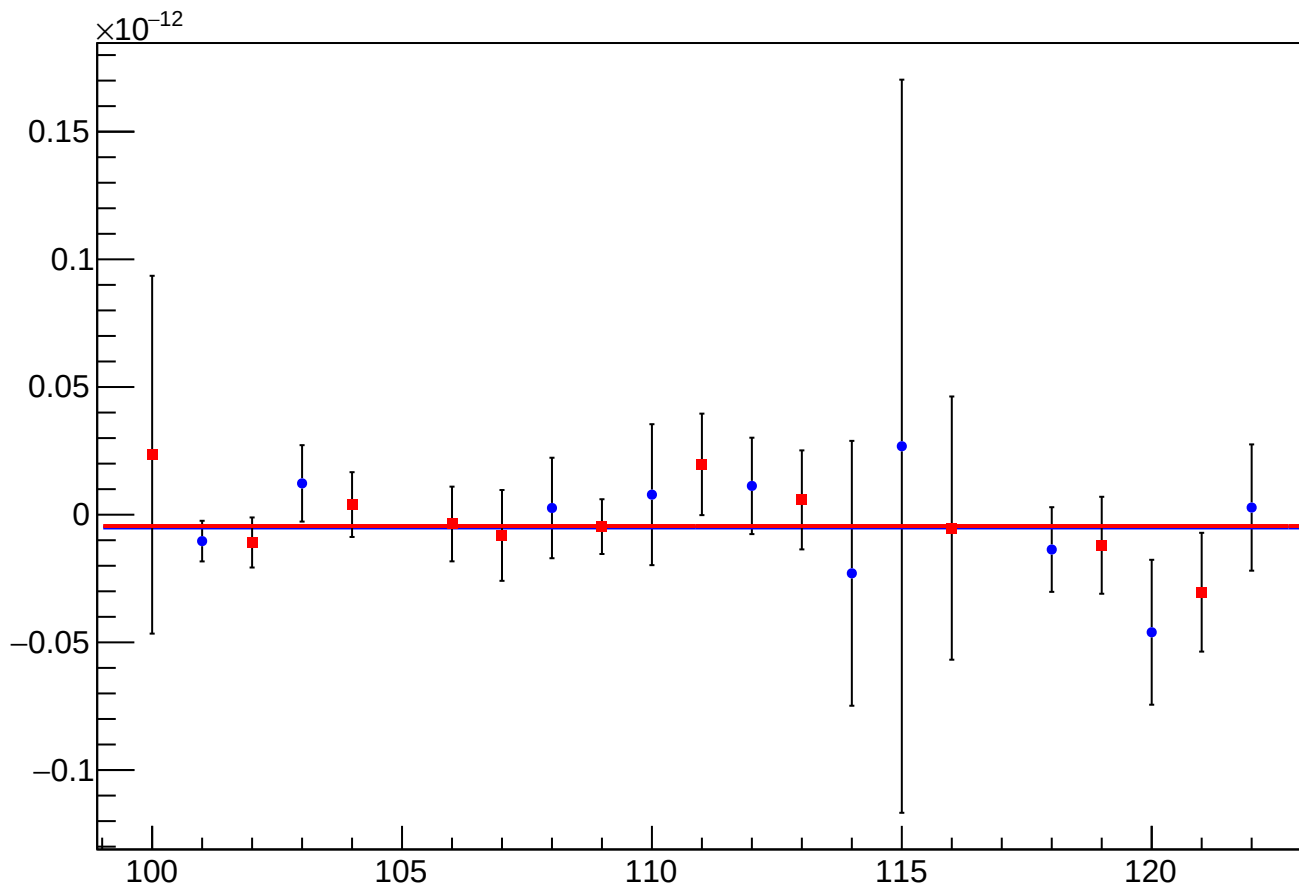
Right: 30.470+/-0.008 χ^2/NDF : 888354.7/20

In: 29.676+/-0.011 χ^2/NDF :369643.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.470+/-0.008 χ^2/NDF : 888354.7/20

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 : 4.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

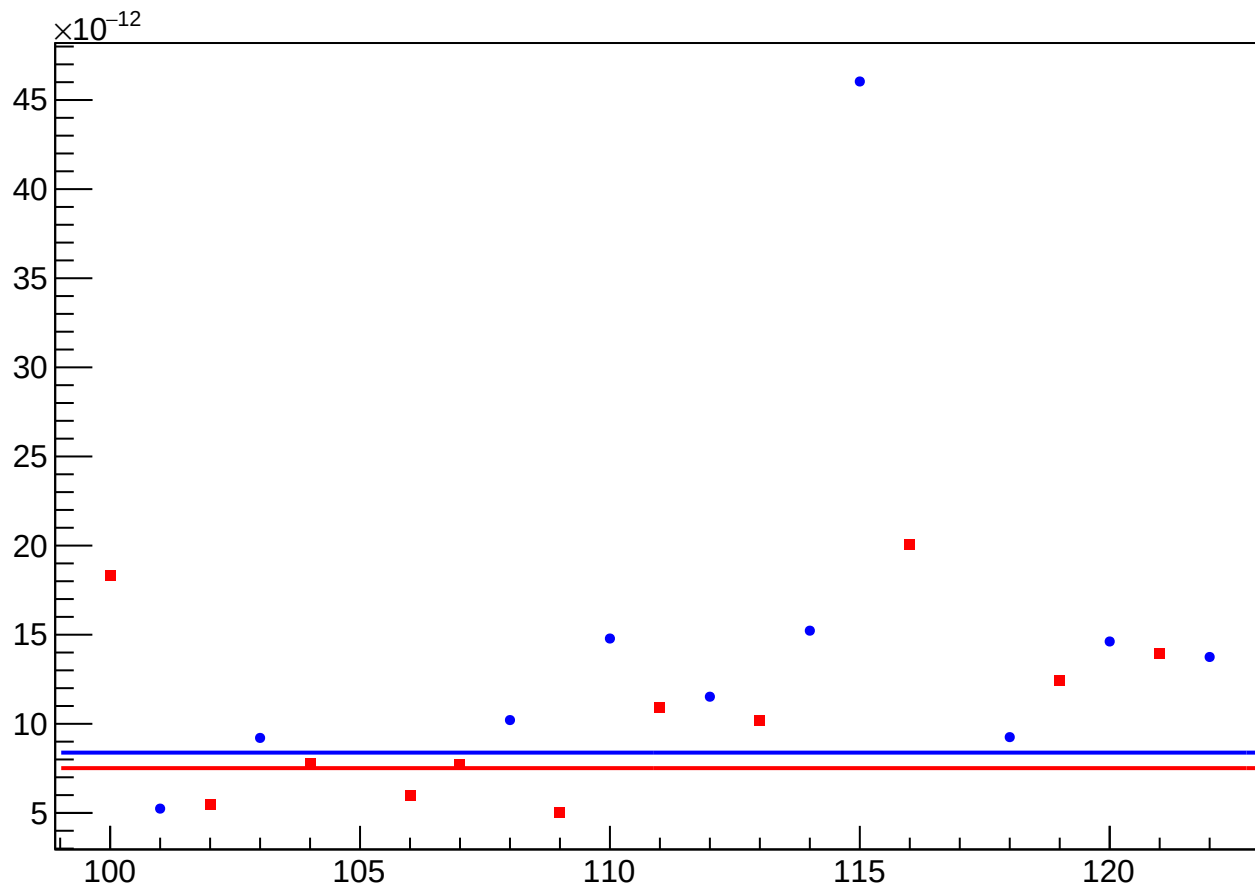
Right: -0.000+/-0.000 χ^2/NDF : 9.8/20

In: -0.000+/-0.000 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.8/20

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 : 767511.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

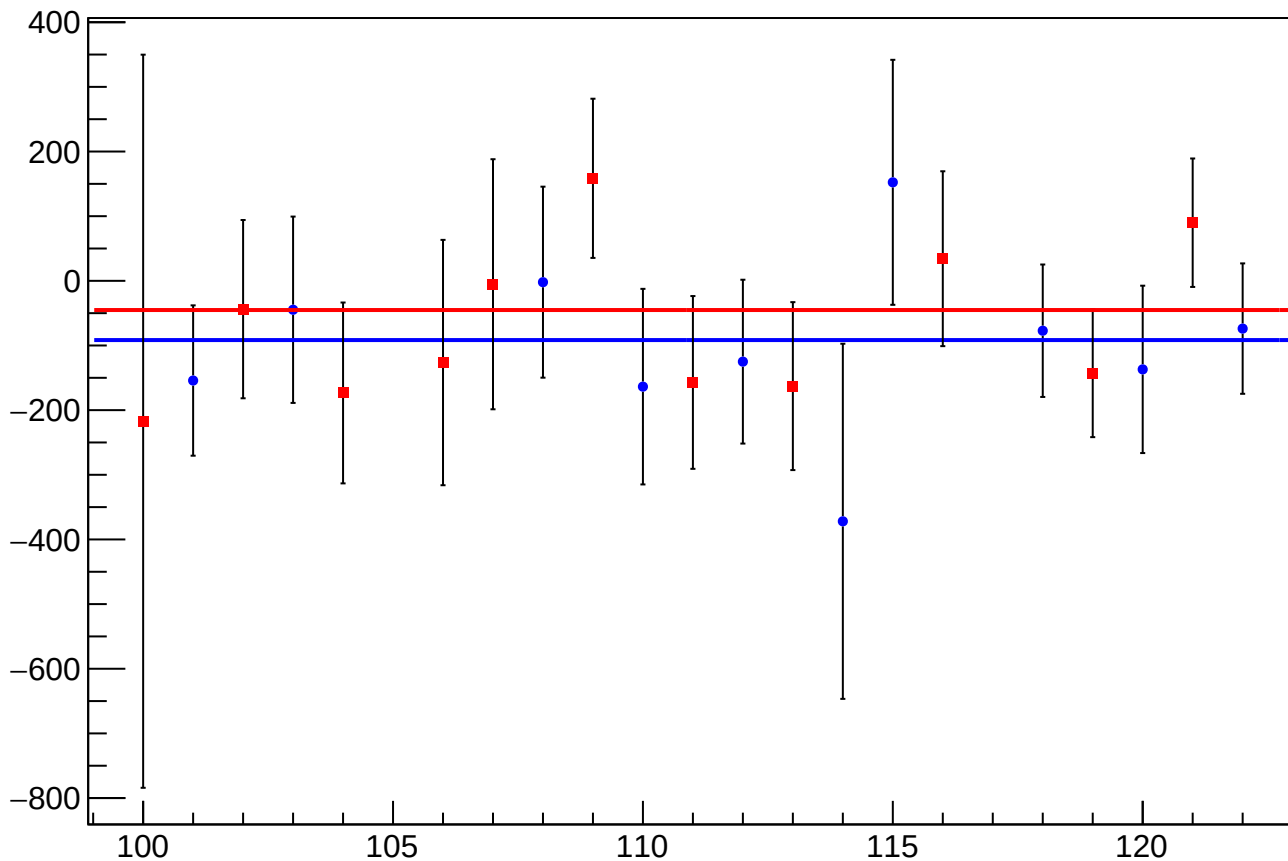
Right: 0.000+/-0.000 χ^2/NDF : 1663324.0/20

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 : 1663324.0/20

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -91.617 ± 41.945 χ^2/NDF : 3.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -45.162 ± 40.790 χ^2/NDF : 8.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

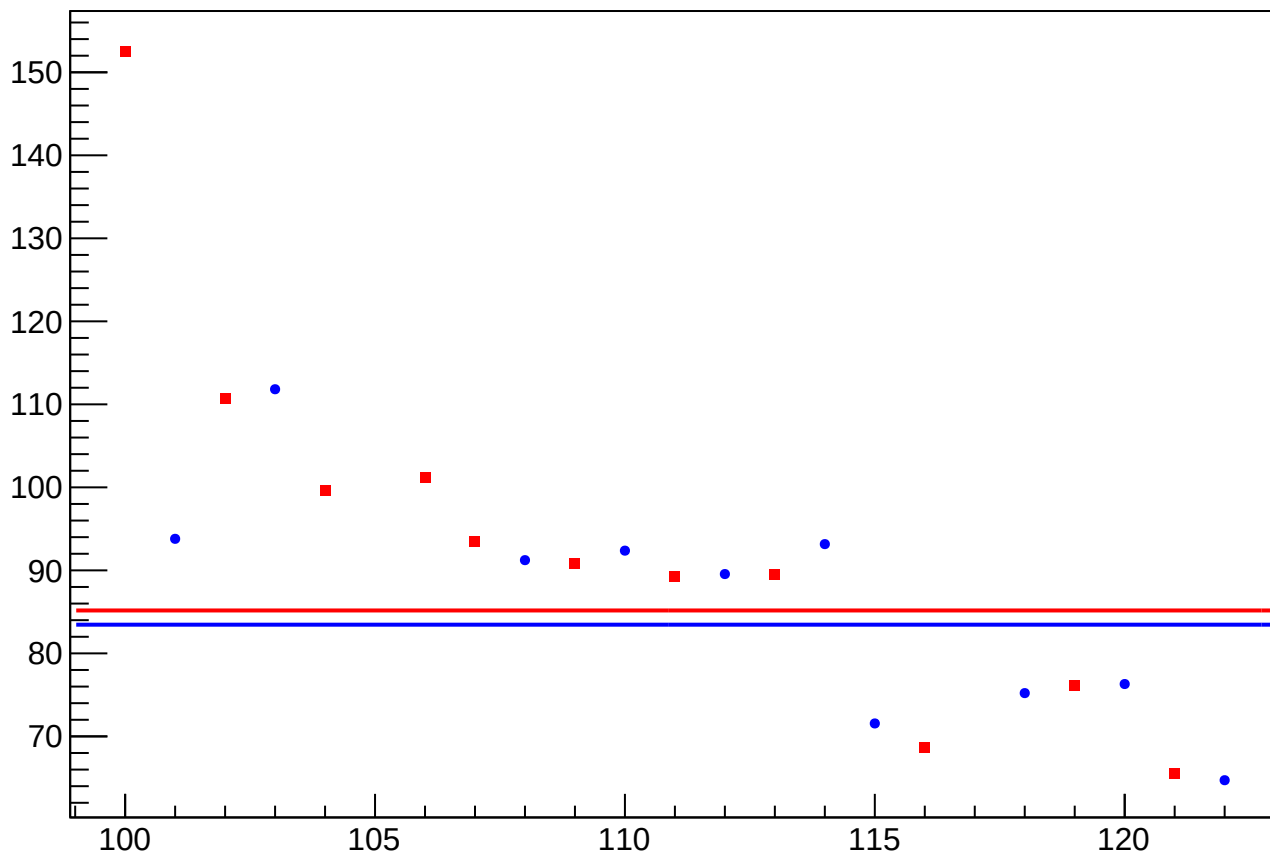
Right: -67.741 ± 29.243 χ^2/NDF : 13.2/20

In: -91.617 ± 41.945 χ^2/NDF : 3.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -67.741 ± 29.243 χ^2/NDF : 13.2/20

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: 85.169+/-0.029 χ^2/NDF : 268875.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

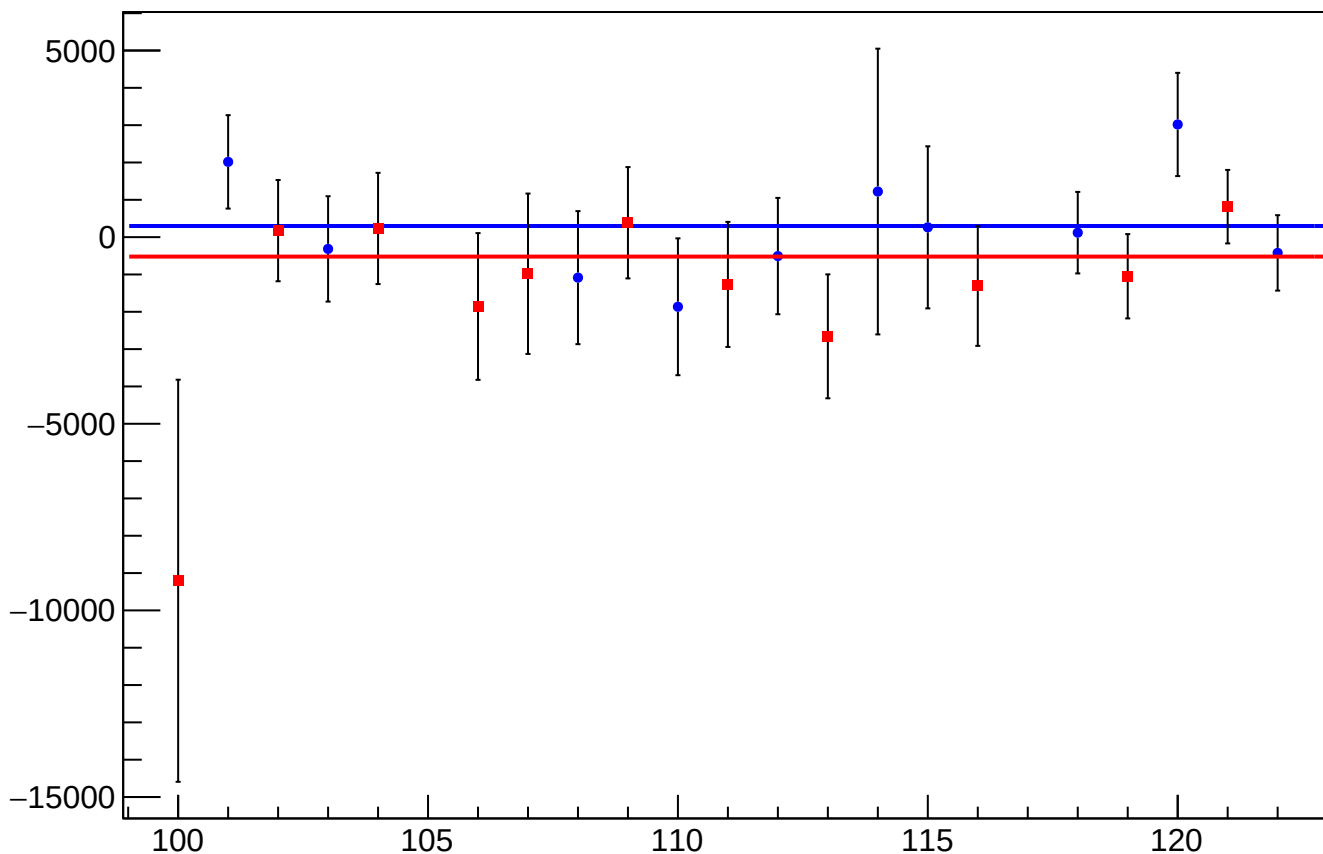
Right: 84.337+/-0.021 χ^2/NDF : 479490.5/20

In: 83.457+/-0.030 χ^2/NDF : 208900.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.337+/-0.021 χ^2/NDF : 479490.5/20

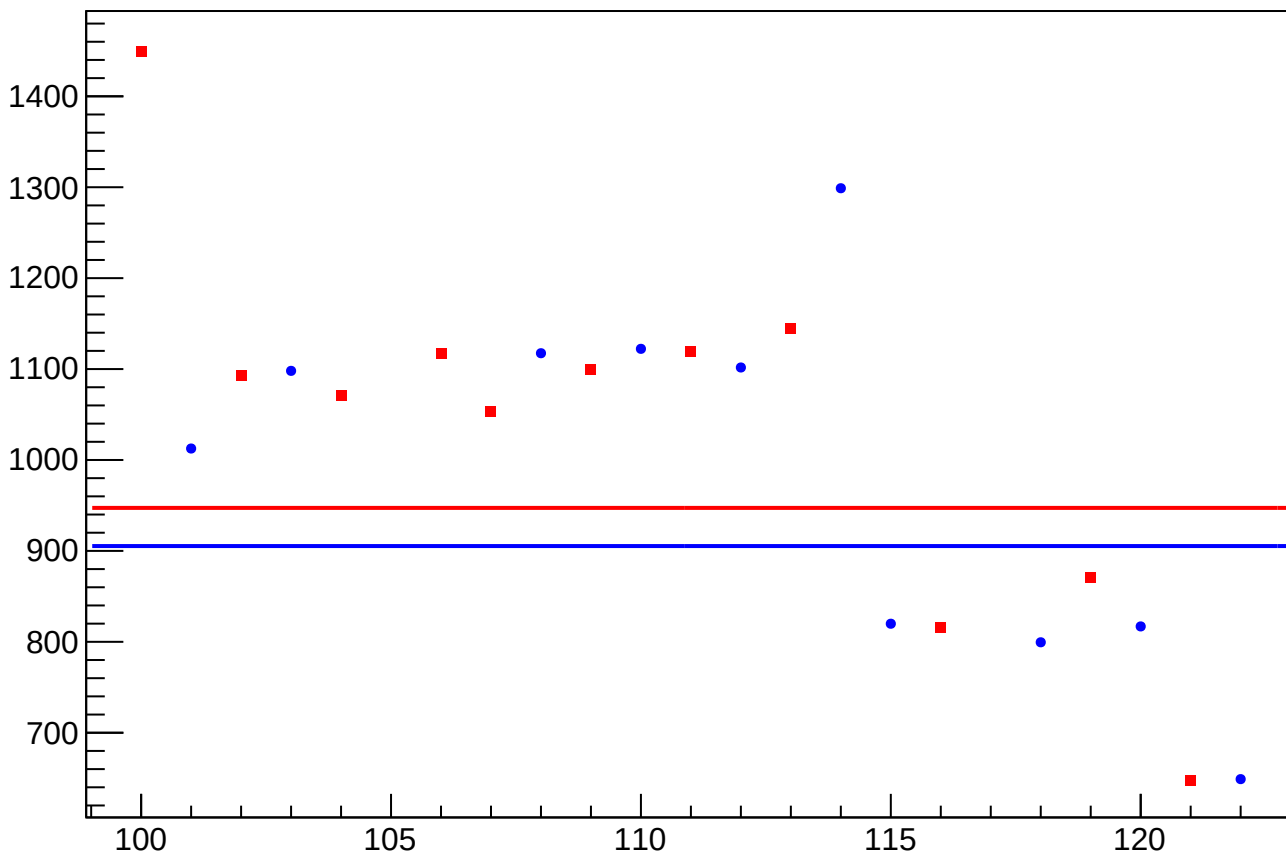
asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



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: -520.825+/-452.811 χ^2 /NDF: 8.2/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -114.968+/-321.688 χ^2 /NDF: 18.6/20
 In: 298.600+/-457.092 χ^2 /NDF:8.8/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -114.968+/-321.688 χ^2 /NDF: 18.6/20

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: 947.307+/-0.320 χ^2/NDF : 352043.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

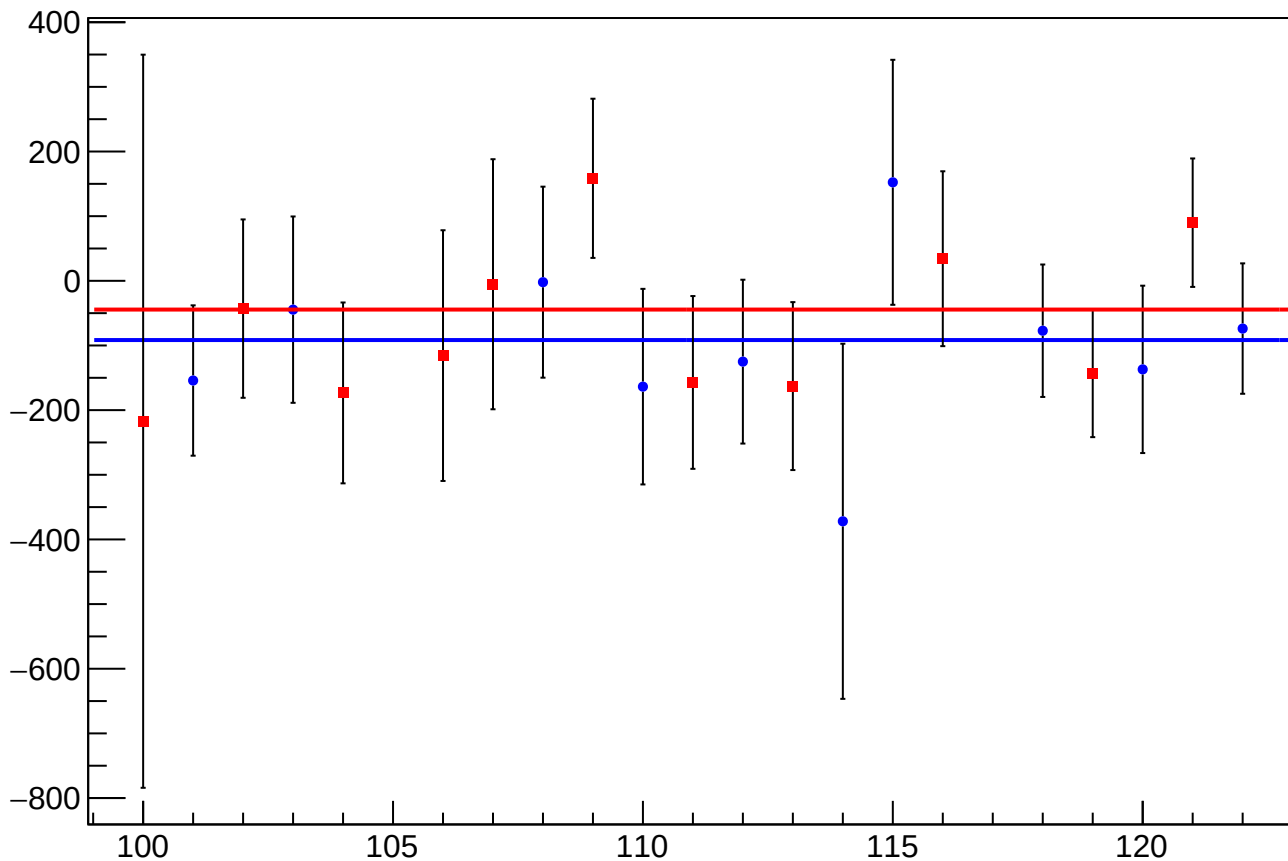
Right: 926.517+/-0.227 χ^2/NDF : 680576.9/20

In: 905.331+/-0.323 χ^2/NDF : 320021.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 926.517+/-0.227 χ^2/NDF : 680576.9/20

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -91.605 $\pm$ 41.945 χ^2 /NDF: 3.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.453 $\pm$ 40.832 χ^2 /NDF: 8.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

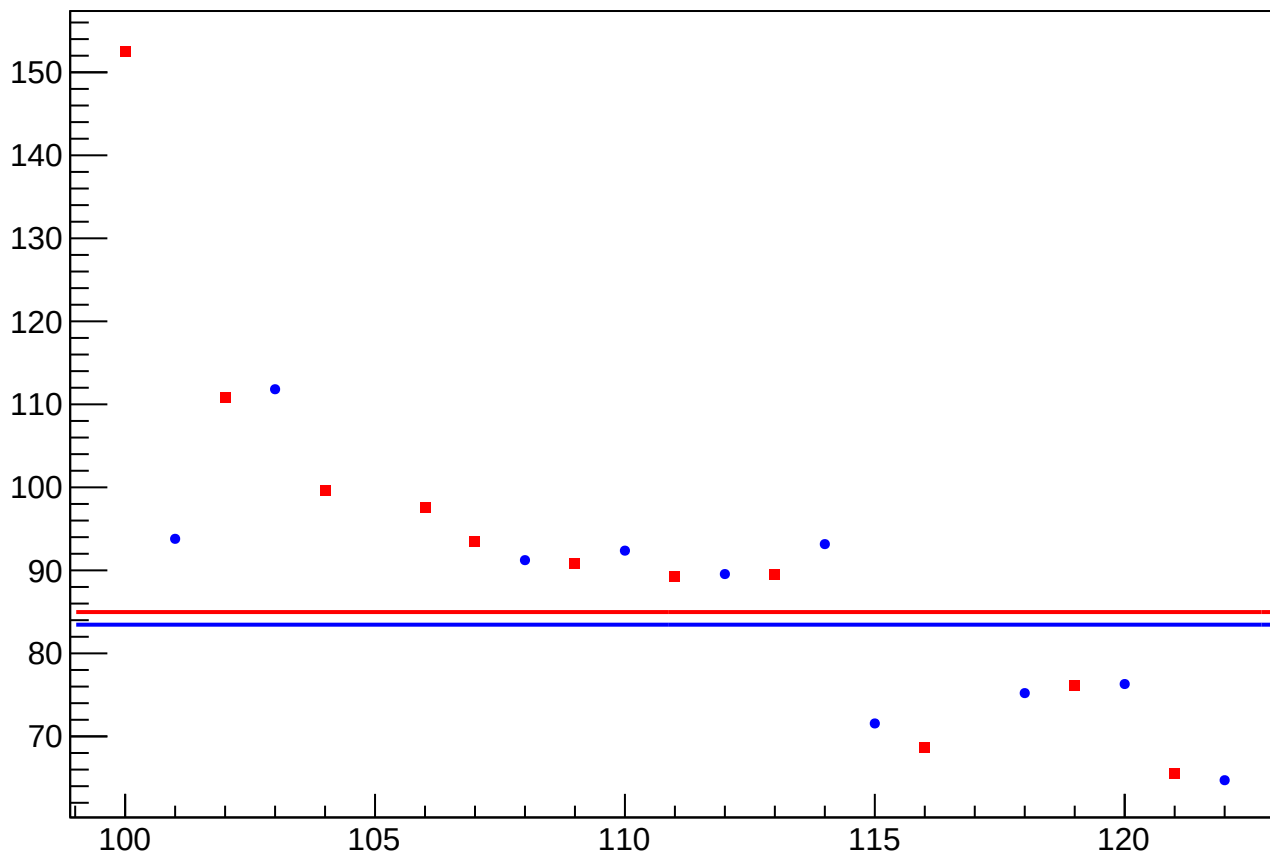
Right: -67.395 $\pm$ 29.258 χ^2 /NDF: 13.1/20

In: -91.605 $\pm$ 41.945 χ^2 /NDF:3.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.395 $\pm$ 29.258 χ^2 /NDF: 13.1/20

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: 84.977+/-0.029 χ^2/NDF : 262894.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

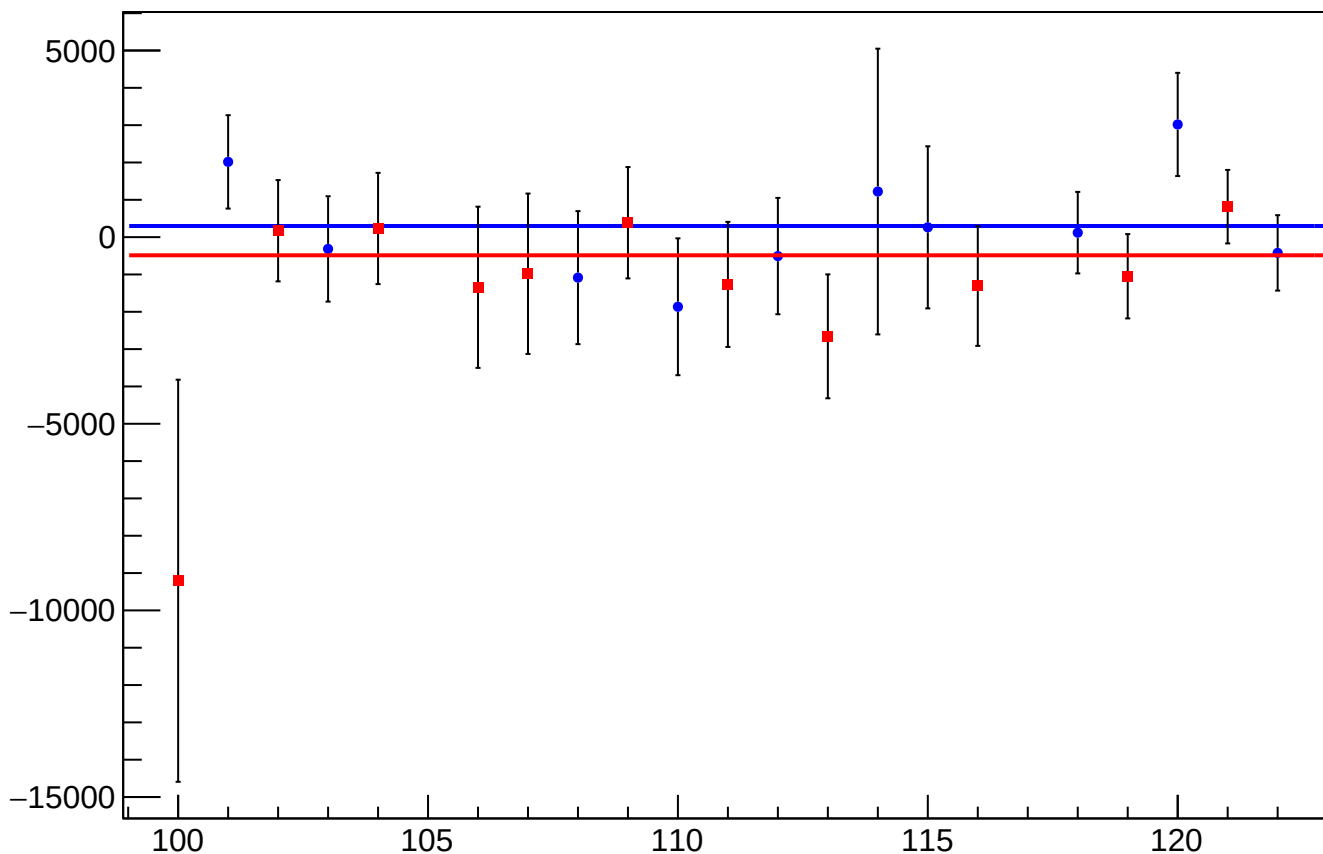
Right: 84.237+/-0.021 χ^2/NDF : 473146.0/20

In: 83.457+/-0.030 χ^2/NDF : 208902.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.237+/-0.021 χ^2/NDF : 473146.0/20

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: -486.166+/-454.917 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

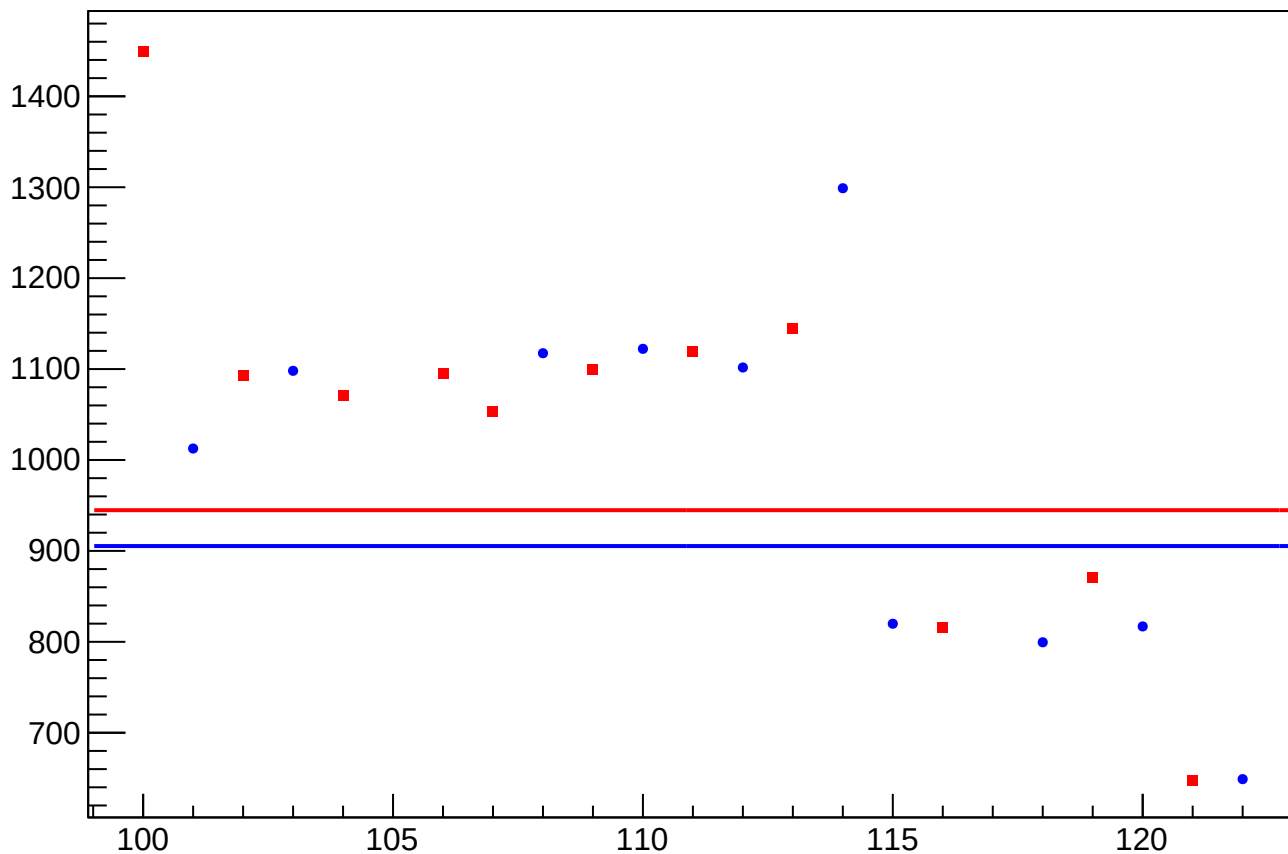
Right: -95.680+/-322.442 χ^2/NDF : 18.1/20

In: 298.553+/-457.094 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.680+/-322.442 χ^2/NDF : 18.1/20

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: 944.785+/-0.322 χ^2/NDF : 346469.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

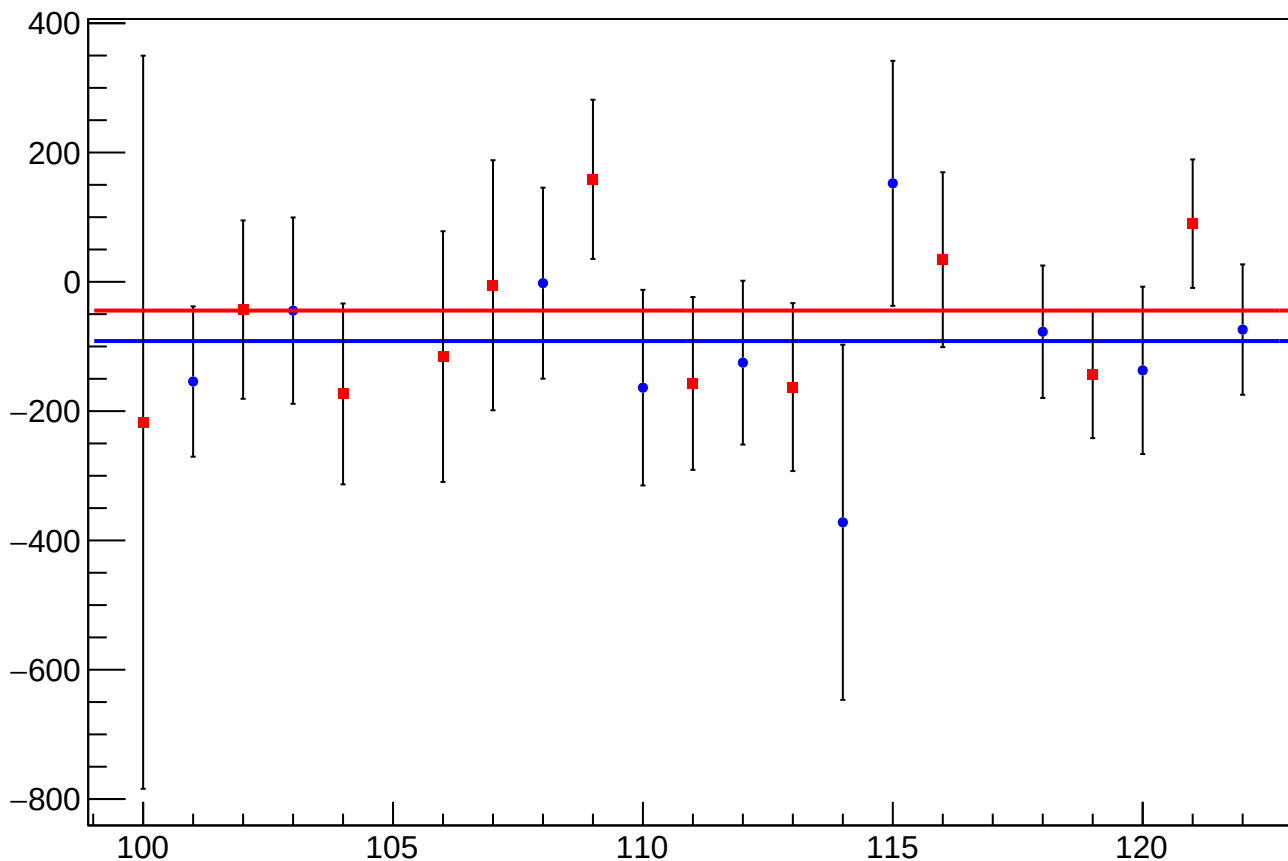
Right: 925.154+/-0.228 χ^2/NDF : 673994.2/20

In: 905.334+/-0.323 χ^2/NDF : 320040.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.154+/-0.228 χ^2/NDF : 673994.2/20

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -91.605 $\pm$ 41.945 χ^2 /NDF: 3.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.453 $\pm$ 40.832 χ^2 /NDF: 8.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

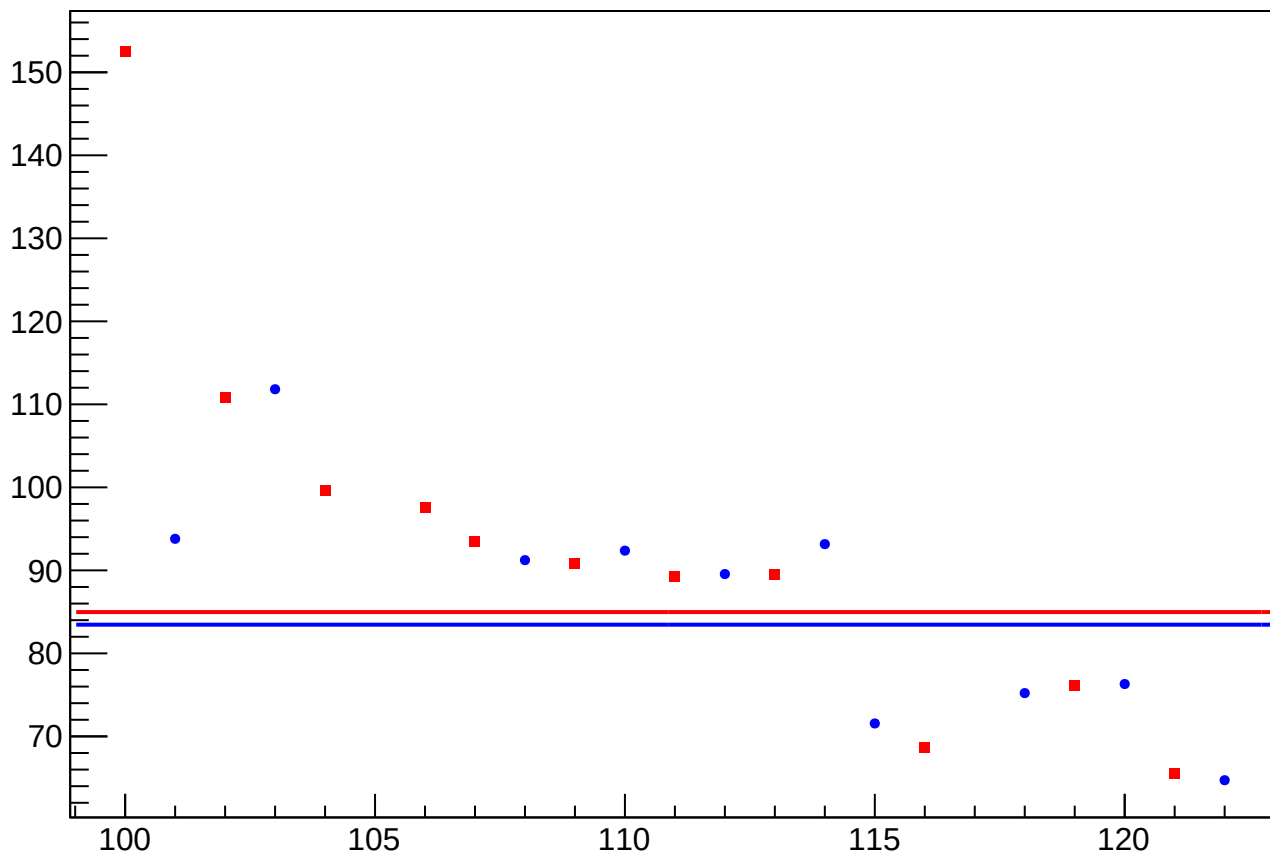
Right: -67.395 $\pm$ 29.258 χ^2 /NDF: 13.1/20

In: -91.605 $\pm$ 41.945 χ^2 /NDF:3.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.395 $\pm$ 29.258 χ^2 /NDF: 13.1/20

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: 84.977+/-0.029 χ^2/NDF : 262894.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

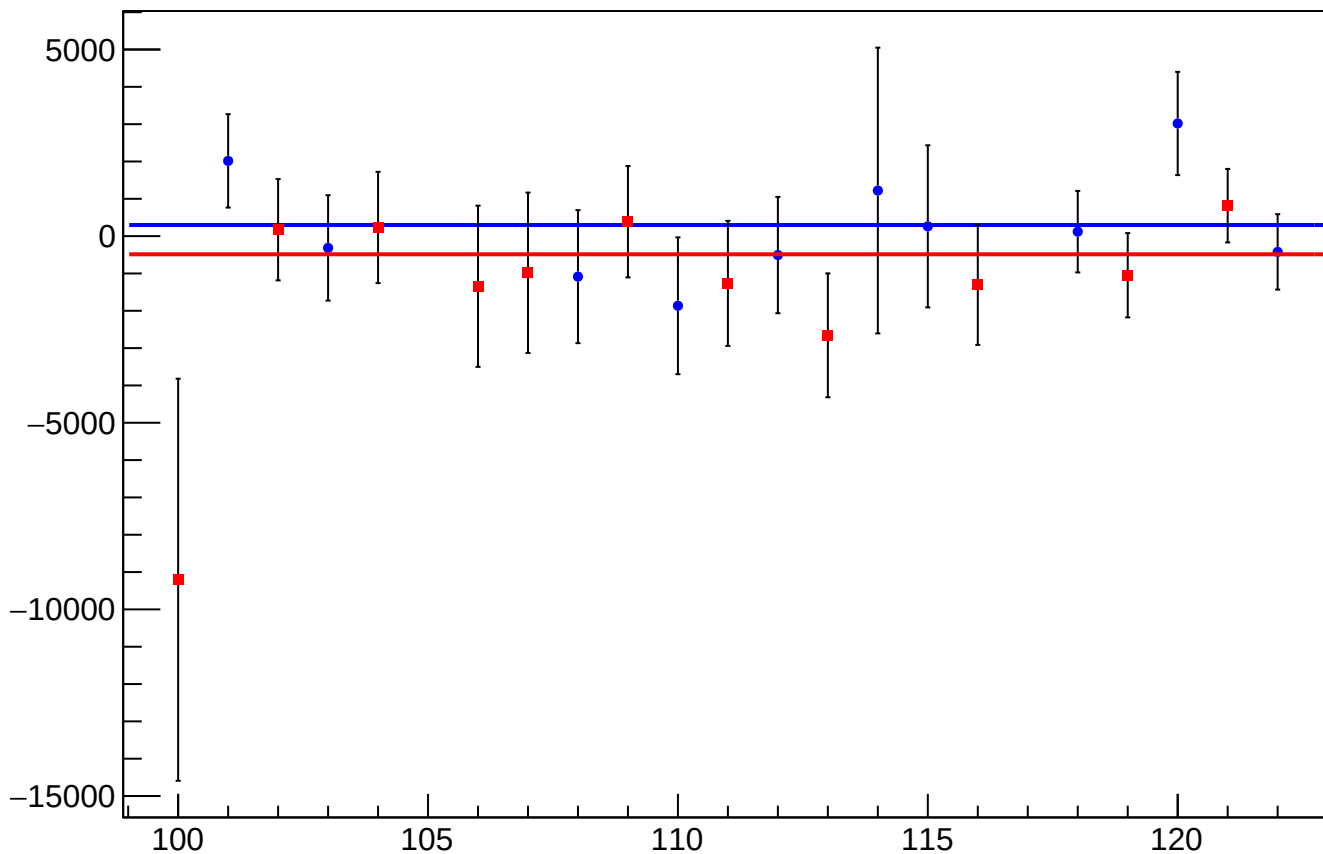
Right: 84.237+/-0.021 χ^2/NDF : 473146.0/20

In: 83.457+/-0.030 χ^2/NDF : 208902.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.237+/-0.021 χ^2/NDF : 473146.0/20

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: -486.166+/-454.917 χ^2 /NDF: 7.8/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

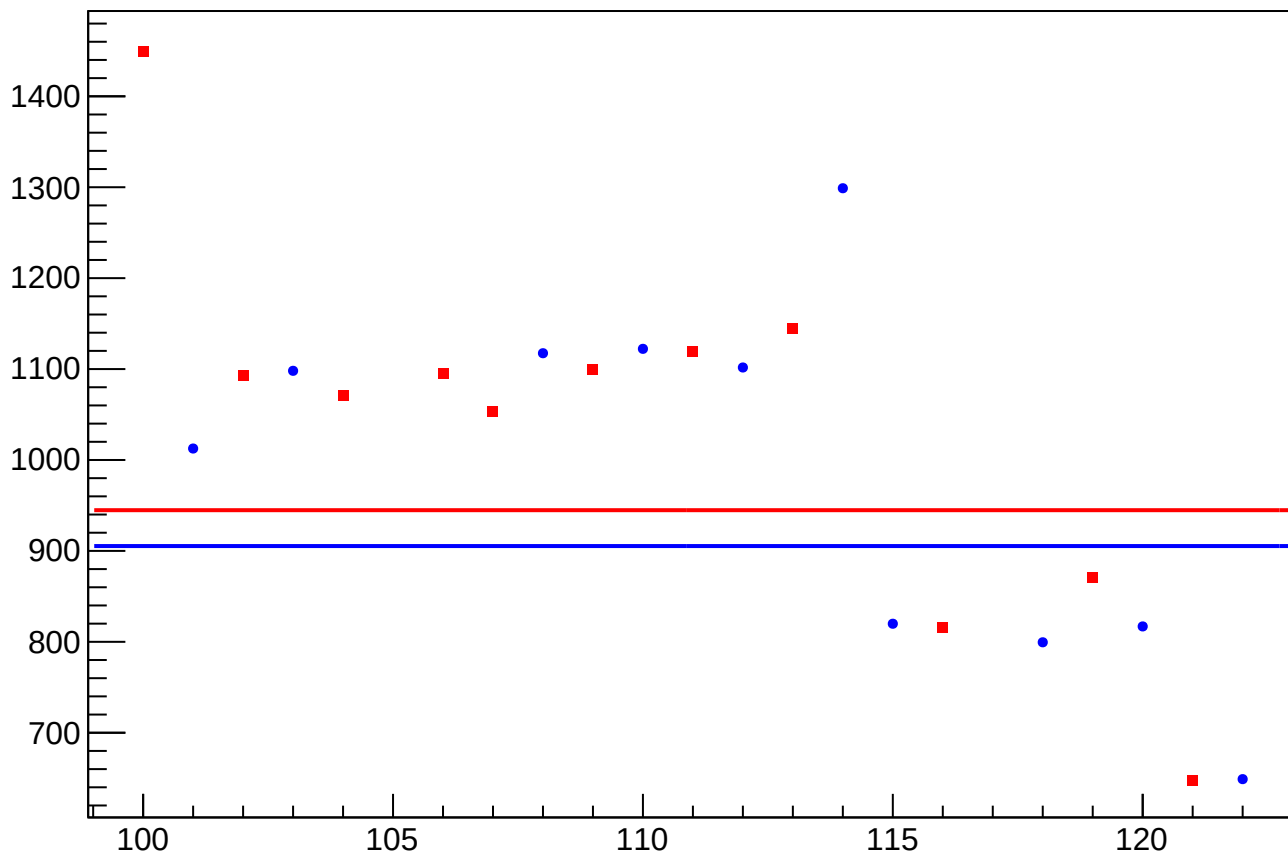
Right: -95.680+/-322.442 χ^2 /NDF: 18.1/20

In: 298.553+/-457.094 χ^2 /NDF:8.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -95.680+/-322.442 χ^2 /NDF: 18.1/20

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: 944.785+/-0.322 χ^2/NDF : 346469.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

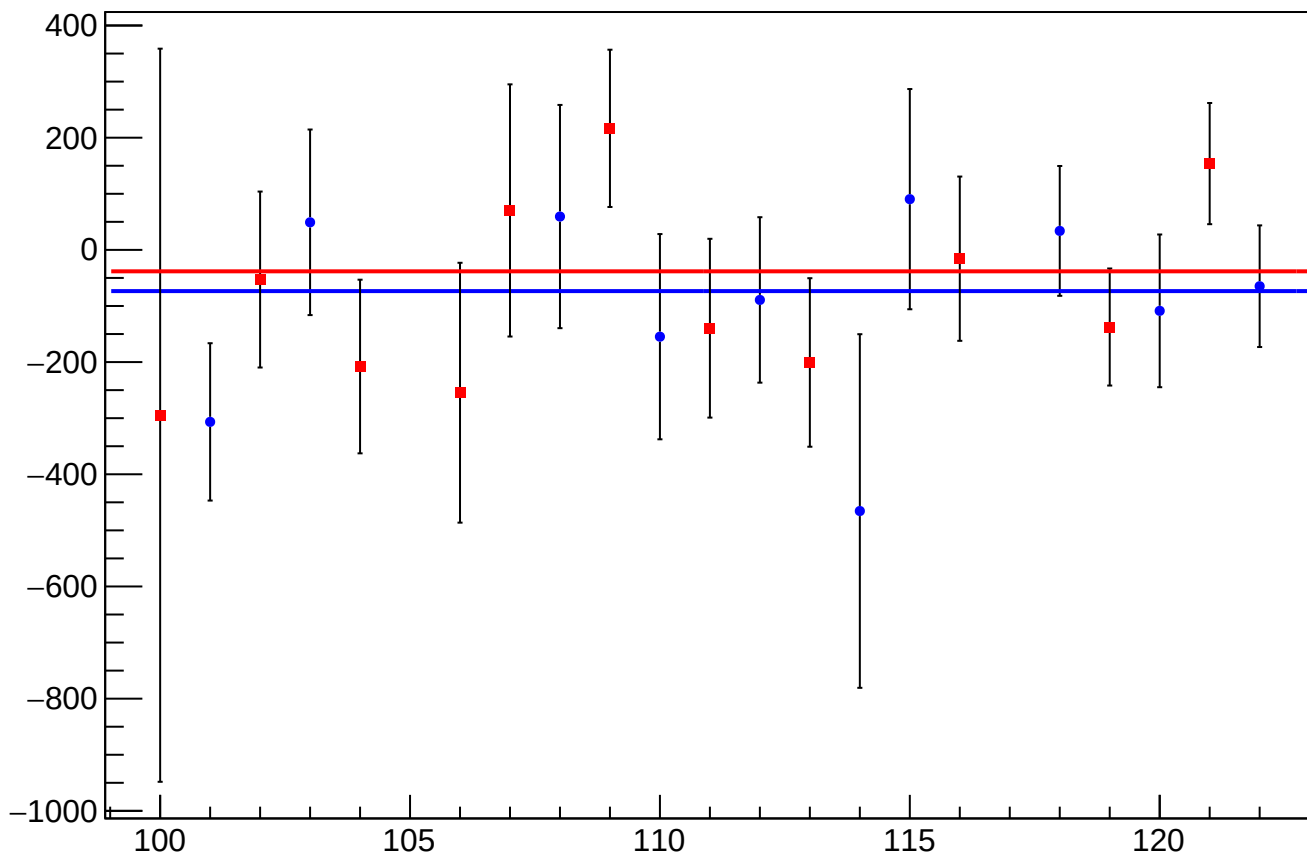
Right: 925.154+/-0.228 χ^2/NDF : 673994.2/20

In: 905.334+/-0.323 χ^2/NDF : 320040.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.154+/-0.228 χ^2/NDF : 673994.2/20

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: -38.213 $\pm$ 45.550 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

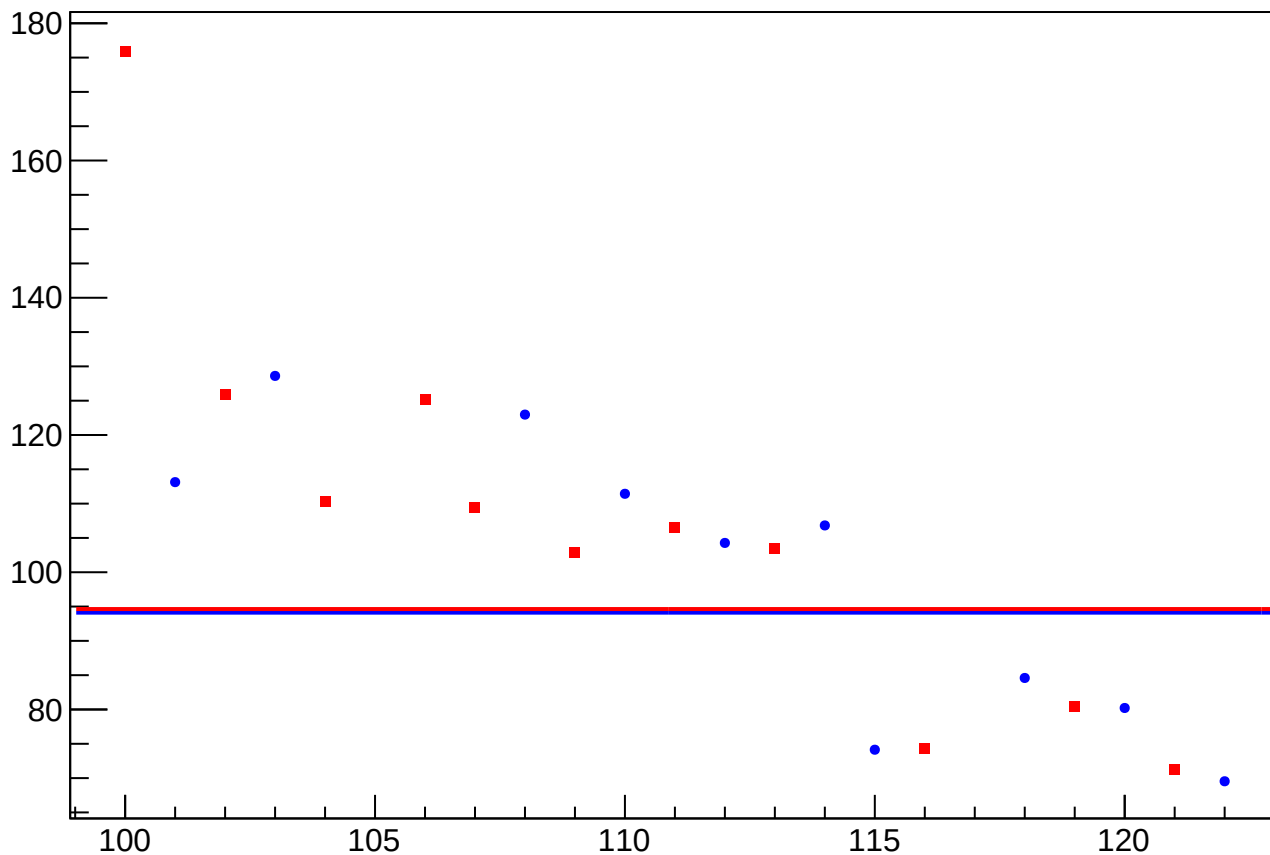
Right: -55.003 $\pm$ 32.965 χ^2 /NDF: 18.9/20

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: -55.003 $\pm$ 32.965 χ^2 /NDF: 18.9/20

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: 94.637+/-0.032 χ^2/NDF : 368720.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

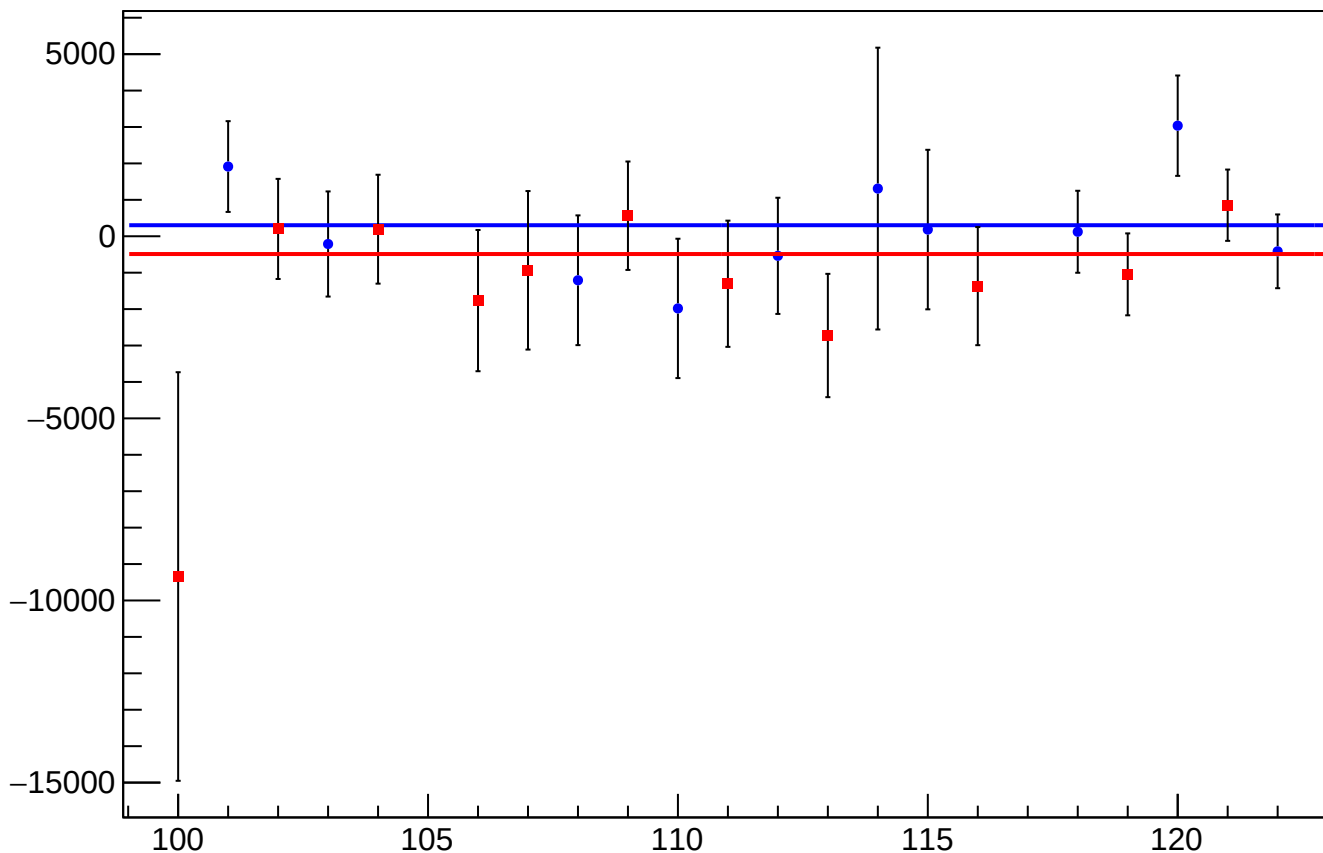
Right: 94.387+/-0.023 χ^2/NDF : 723213.6/20

In: 94.113+/-0.034 χ^2/NDF : 354367.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.387+/-0.023 χ^2/NDF : 723213.6/20

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: -488.022+/-454.819 χ^2/NDF : 8.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

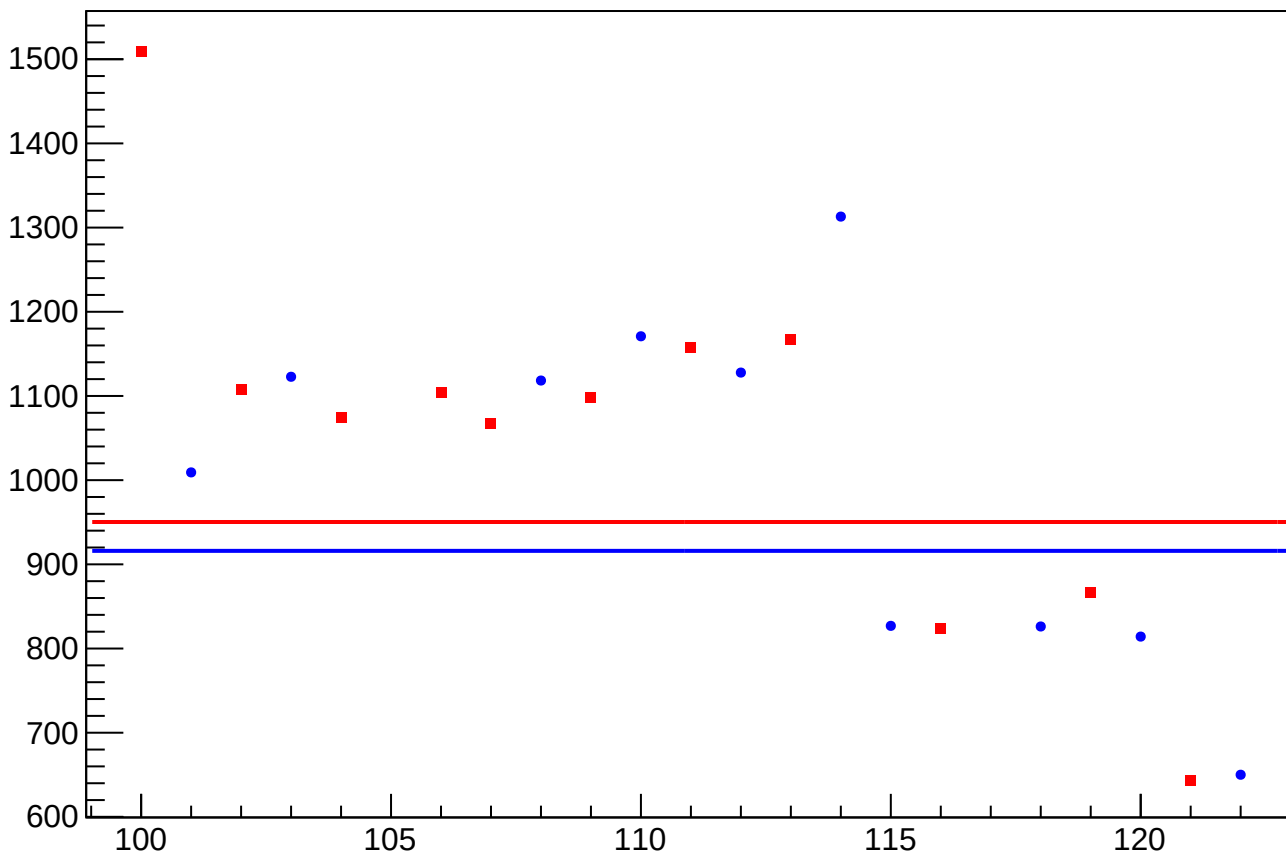
Right: -99.188+/-324.334 χ^2/NDF : 18.6/20

In: 303.125+/-462.635 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.188+/-324.334 χ^2/NDF : 18.6/20

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: 950.296+/-0.322 χ^2/NDF : 379039.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

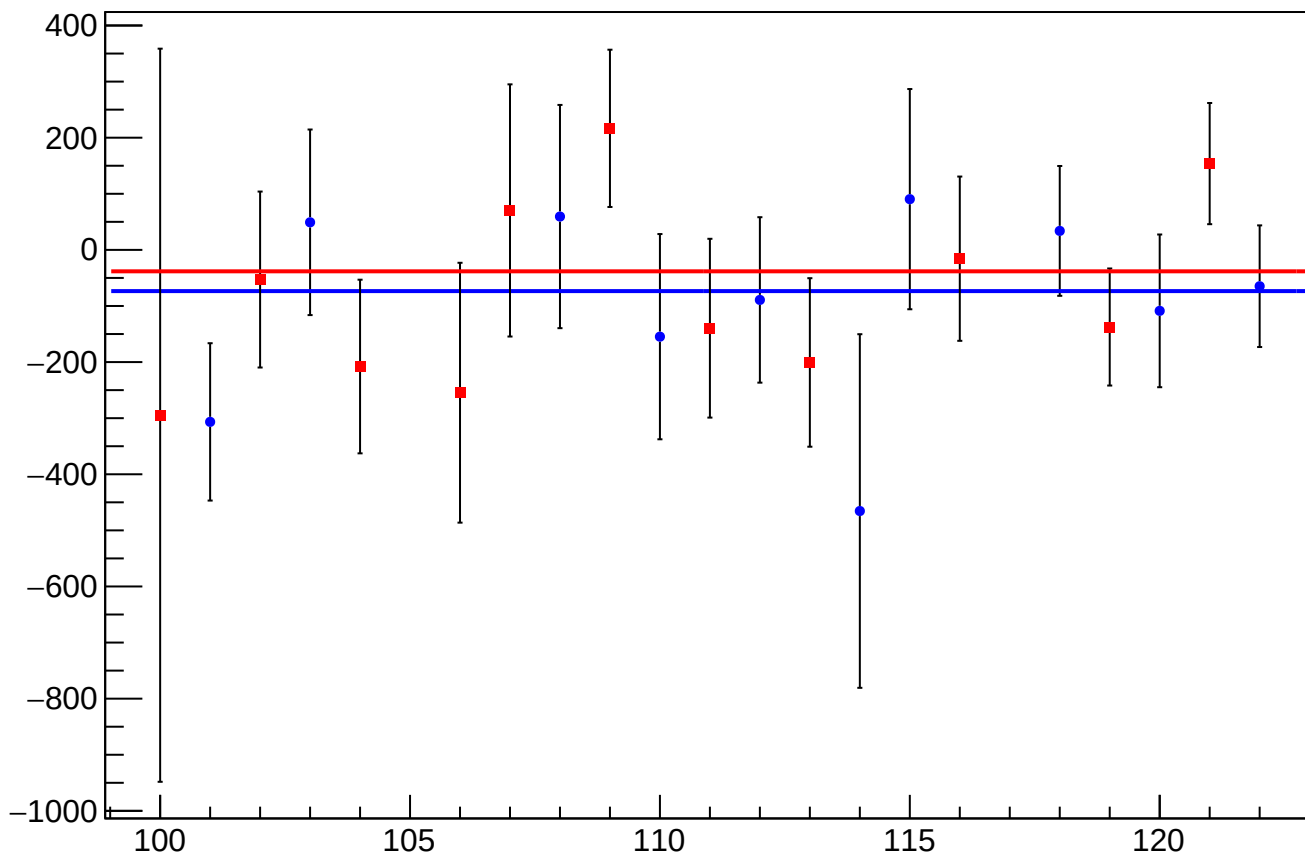
Right: 933.446+/-0.229 χ^2/NDF : 719393.8/20

In: 916.011+/-0.327 χ^2/NDF : 334769.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 933.446+/-0.229 χ^2/NDF : 719393.8/20

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -73.469+/-47.768 χ^2/NDF : 7.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.210+/-45.550 χ^2/NDF : 11.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

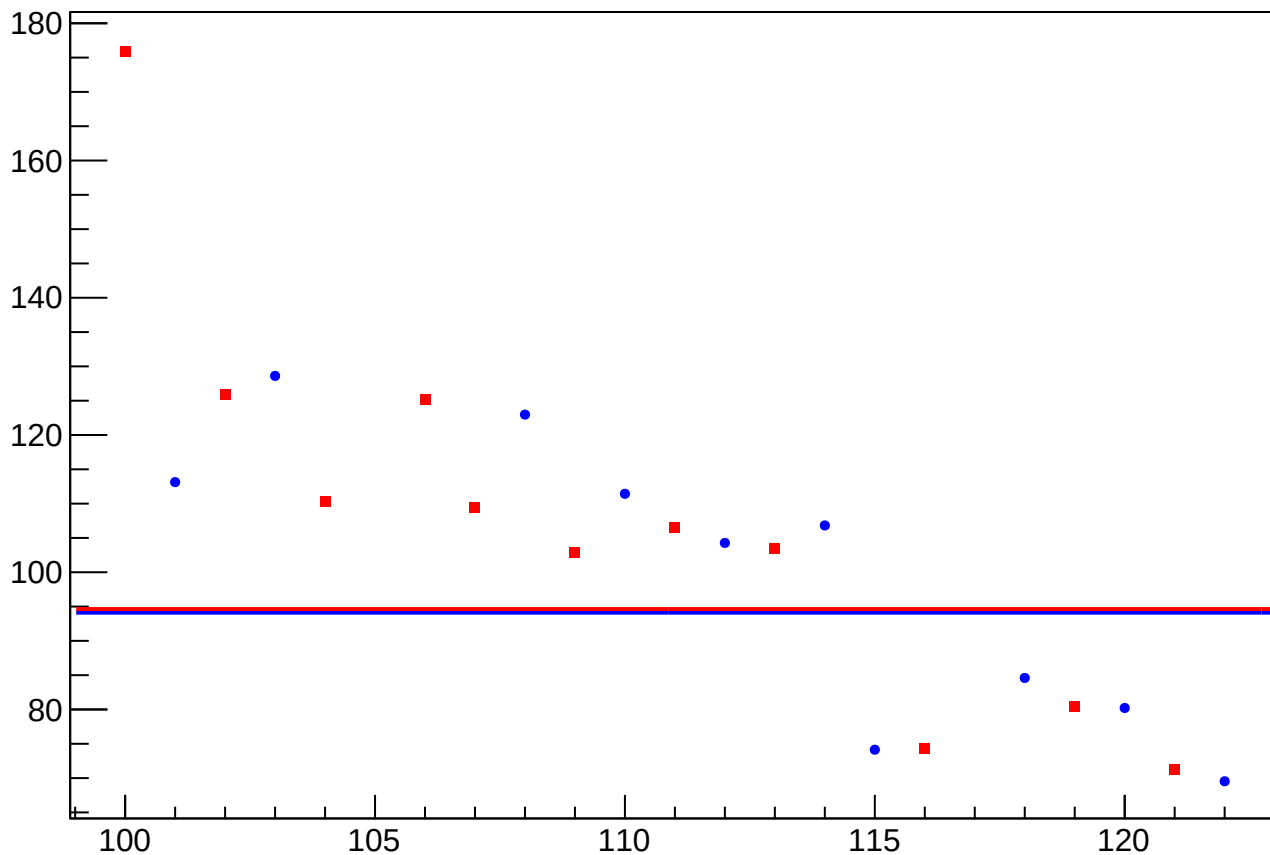
Right: -55.002+/-32.965 χ^2/NDF : 18.9/20

In: -73.469+/-47.768 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.002+/-32.965 χ^2/NDF : 18.9/20

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: 94.636+/-0.032 χ^2/NDF : 368706.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

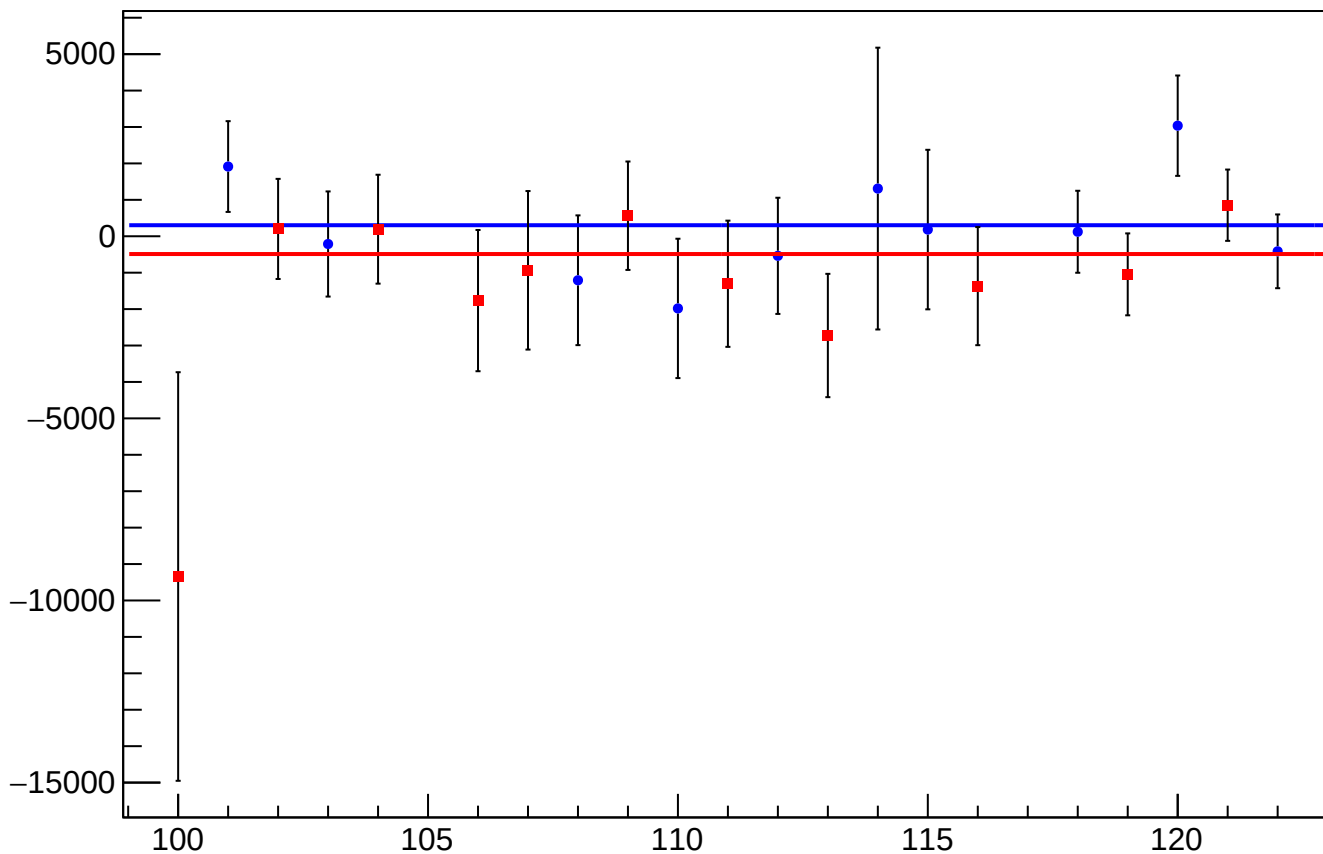
Right: 94.387+/-0.023 χ^2/NDF : 723186.9/20

In: 94.113+/-0.034 χ^2/NDF : 354354.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.387+/-0.023 χ^2/NDF : 723186.9/20

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: -488.022+/-454.818 χ^2 /NDF: 8.3/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

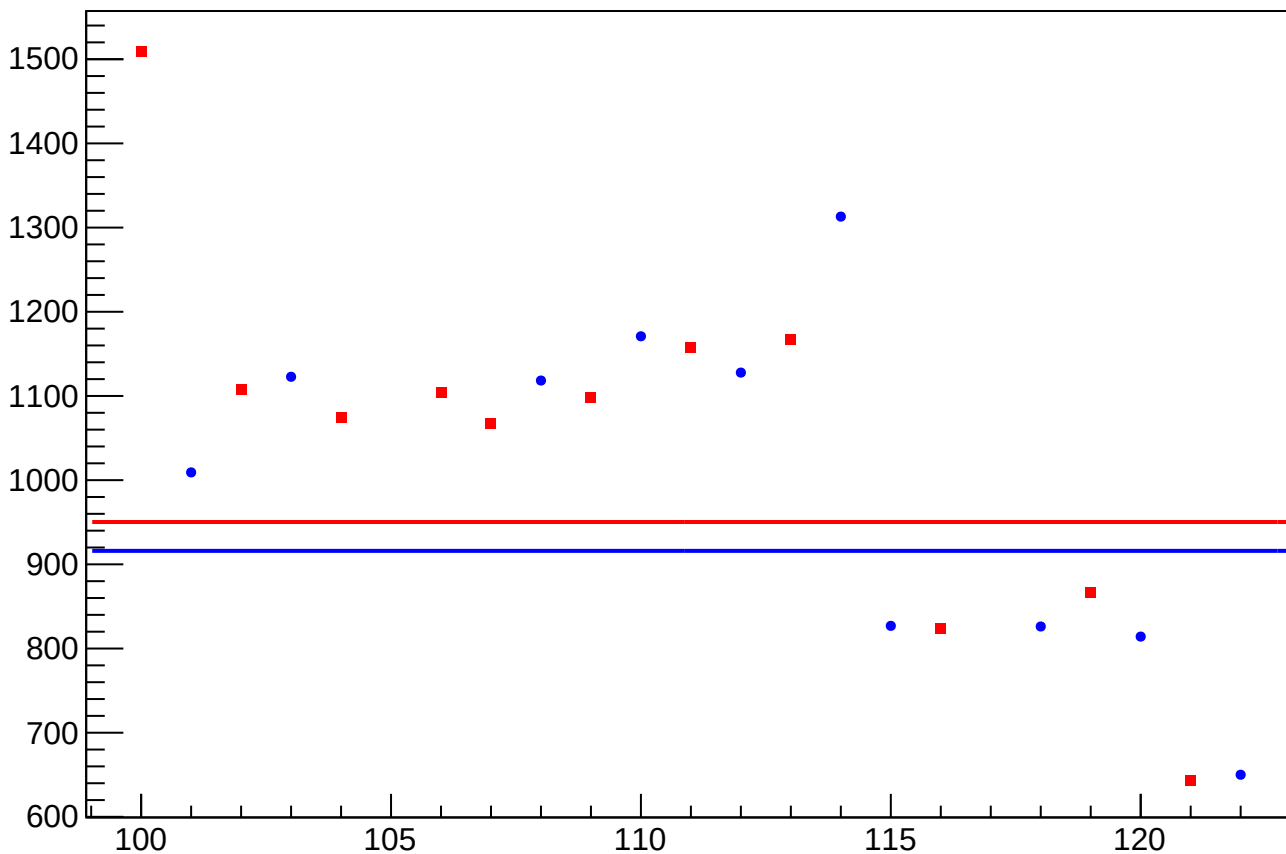
Right: -99.188+/-324.333 χ^2 /NDF: 18.6/20

In: 303.124+/-462.634 χ^2 /NDF:8.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -99.188+/-324.333 χ^2 /NDF: 18.6/20

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: 950.294+/-0.322 χ^2/NDF : 379033.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

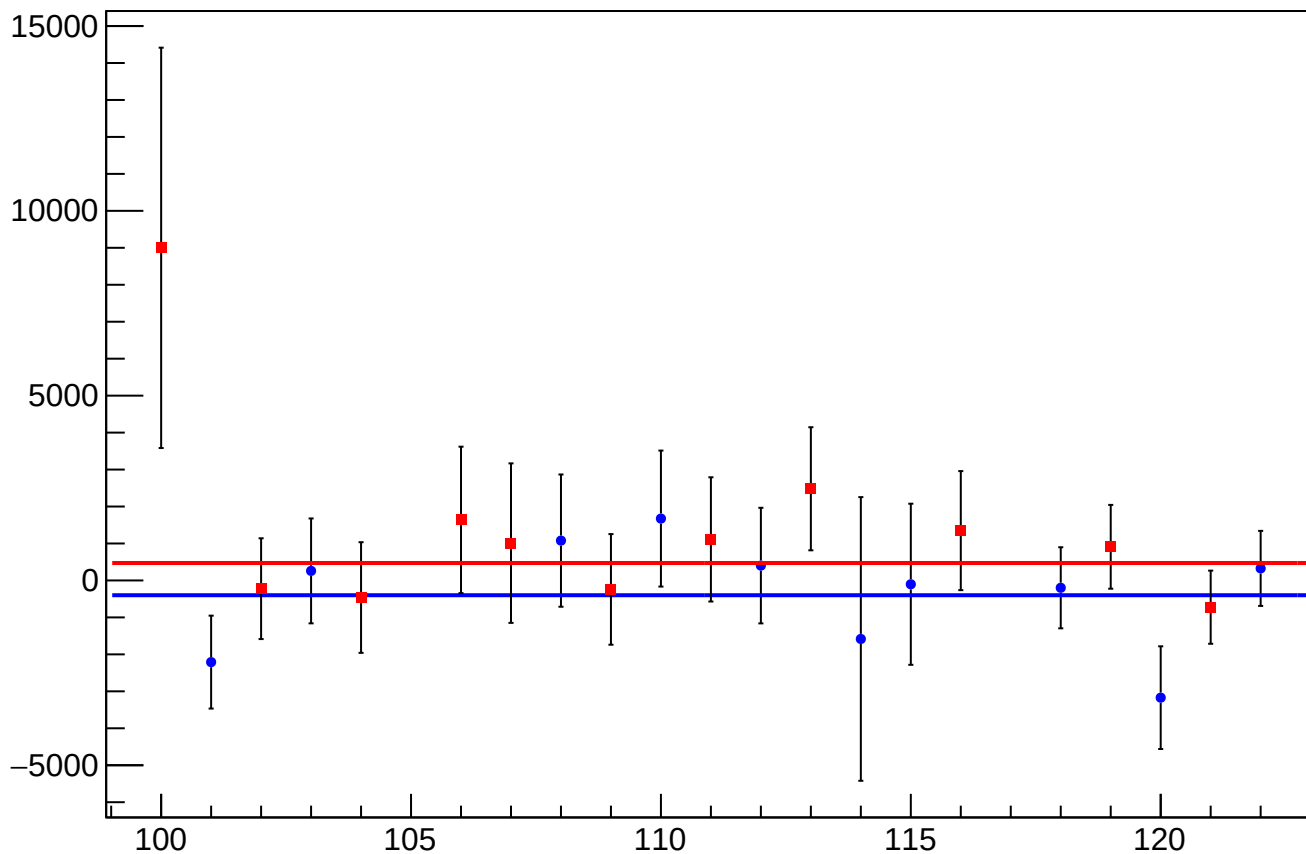
Right: 933.444+/-0.229 χ^2/NDF : 719382.4/20

In: 916.010+/-0.327 χ^2/NDF : 334763.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 933.444+/-0.229 χ^2/NDF : 719382.4/20

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: 472.224+/-454.850 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

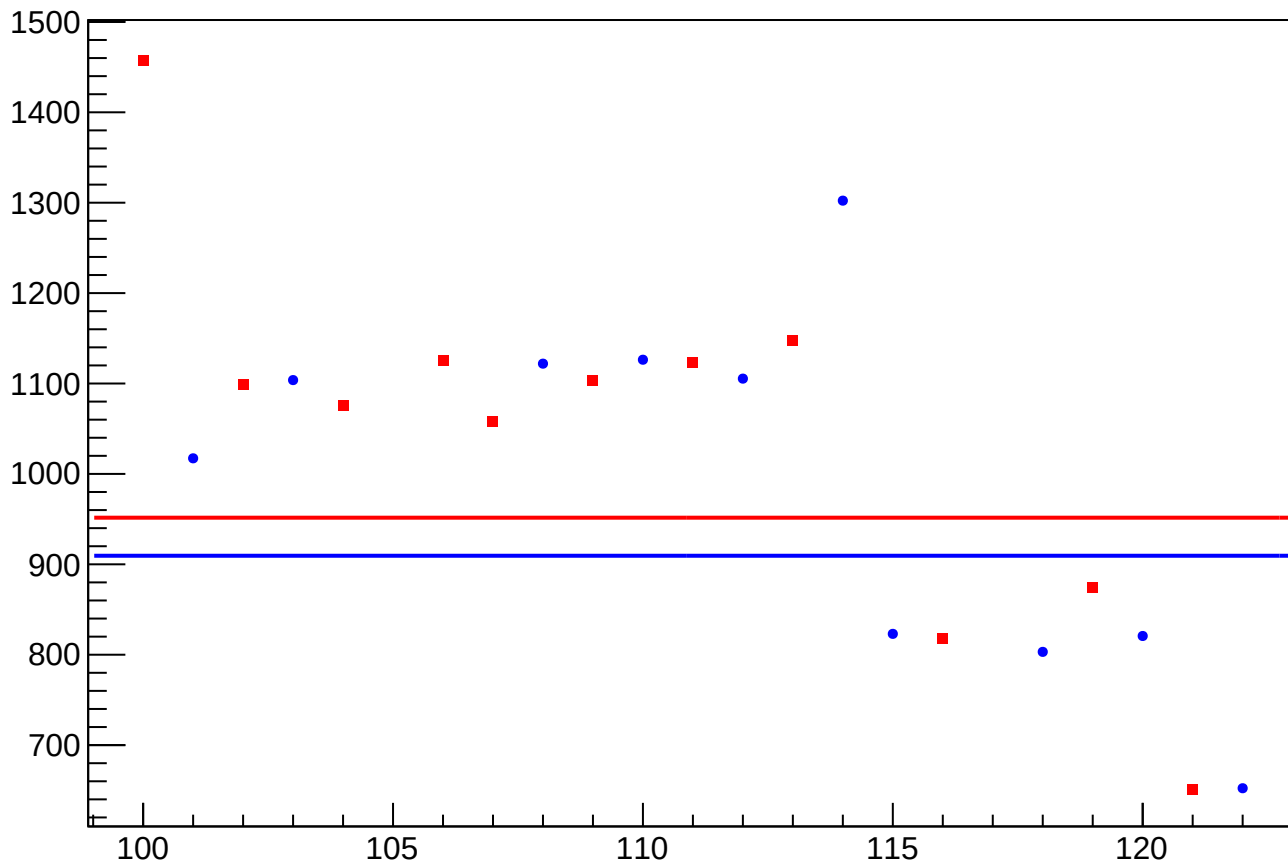
Right: 40.329+/-323.134 χ^2/NDF : 18.2/20

In: -399.753+/-459.142 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.329+/-323.134 χ^2/NDF : 18.2/20

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: 951.581+/-0.322 χ^2/NDF : 351325.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

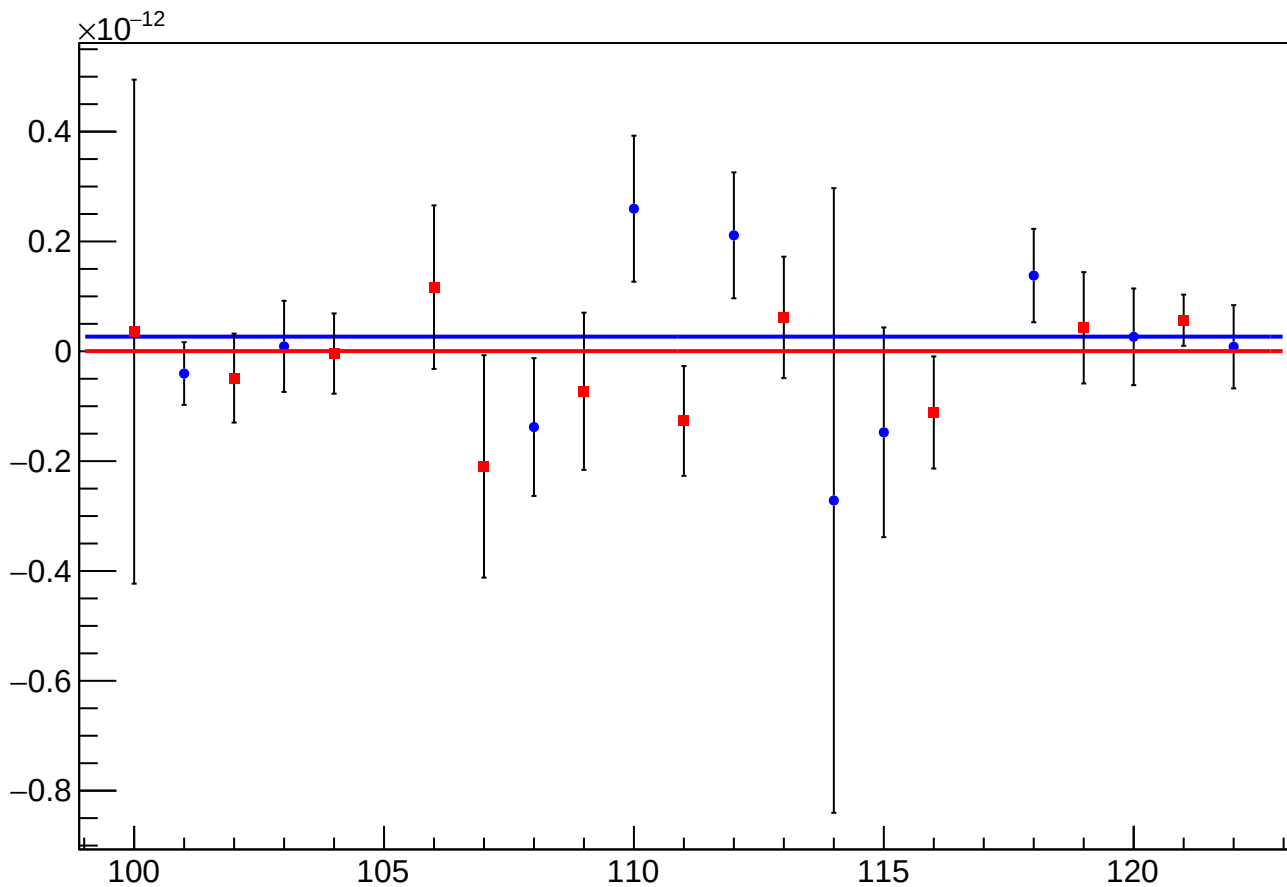
Right: 930.726+/-0.228 χ^2/NDF : 678703.9/20

In: 909.476+/-0.325 χ^2/NDF : 318889.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.726+/-0.228 χ^2/NDF : 678703.9/20

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 : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

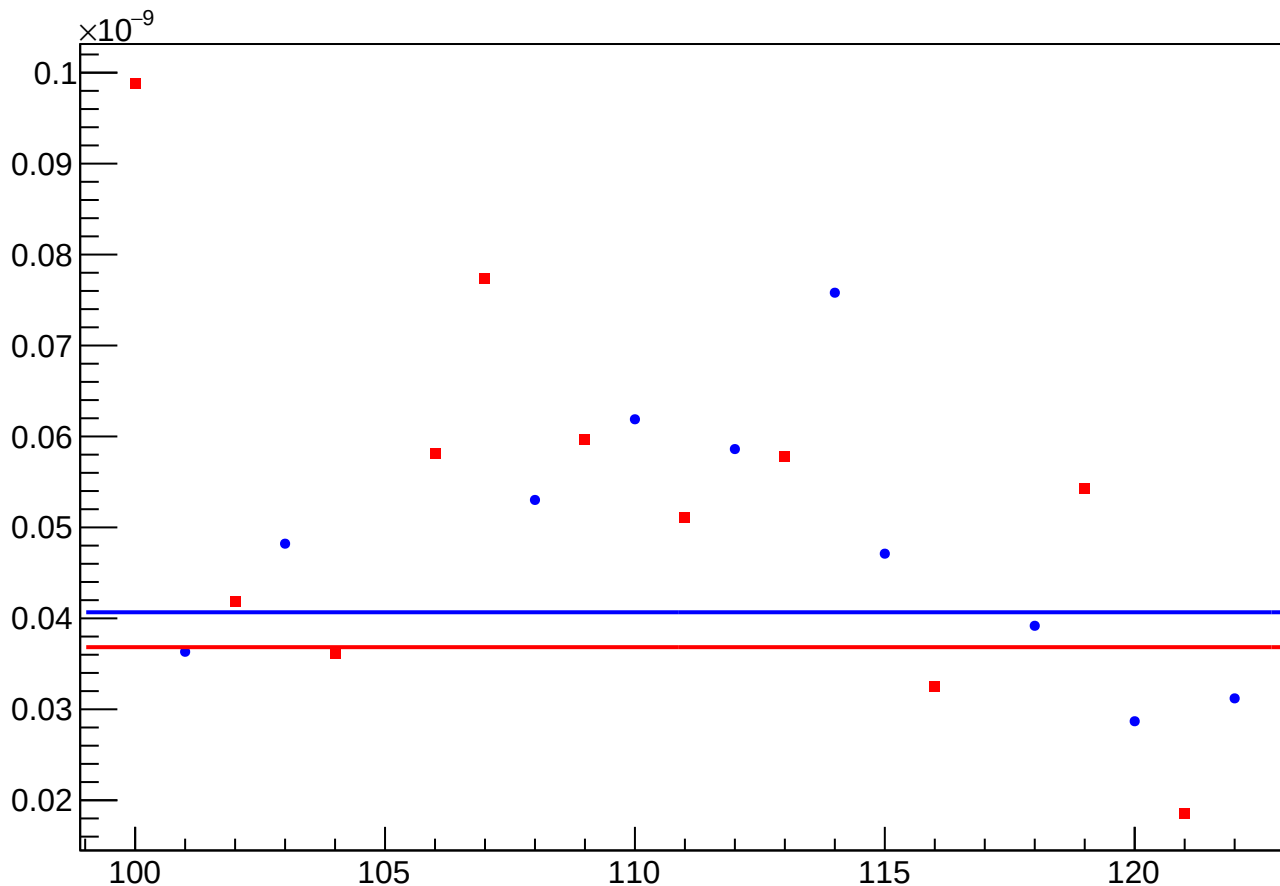
Right: 0.000+/-0.000 χ^2/NDF : 19.2/20

In: 0.000+/-0.000 χ^2/NDF : 11.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.2/20

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 : 700264.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

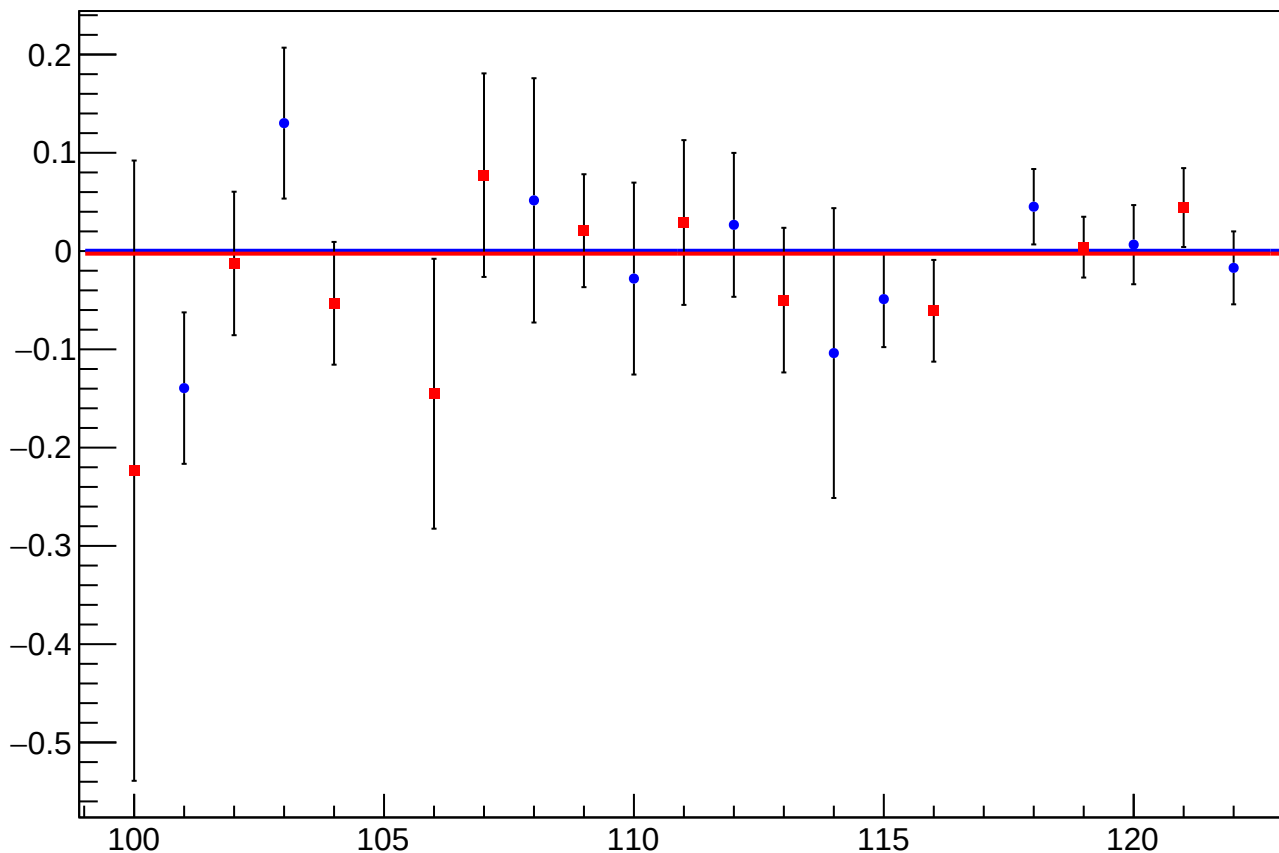
Right: 0.000+/-0.000 χ^2/NDF : 944222.7/20

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 : 944222.7/20

asym_sam_15_26_dd_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: -0.003+/-0.017 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

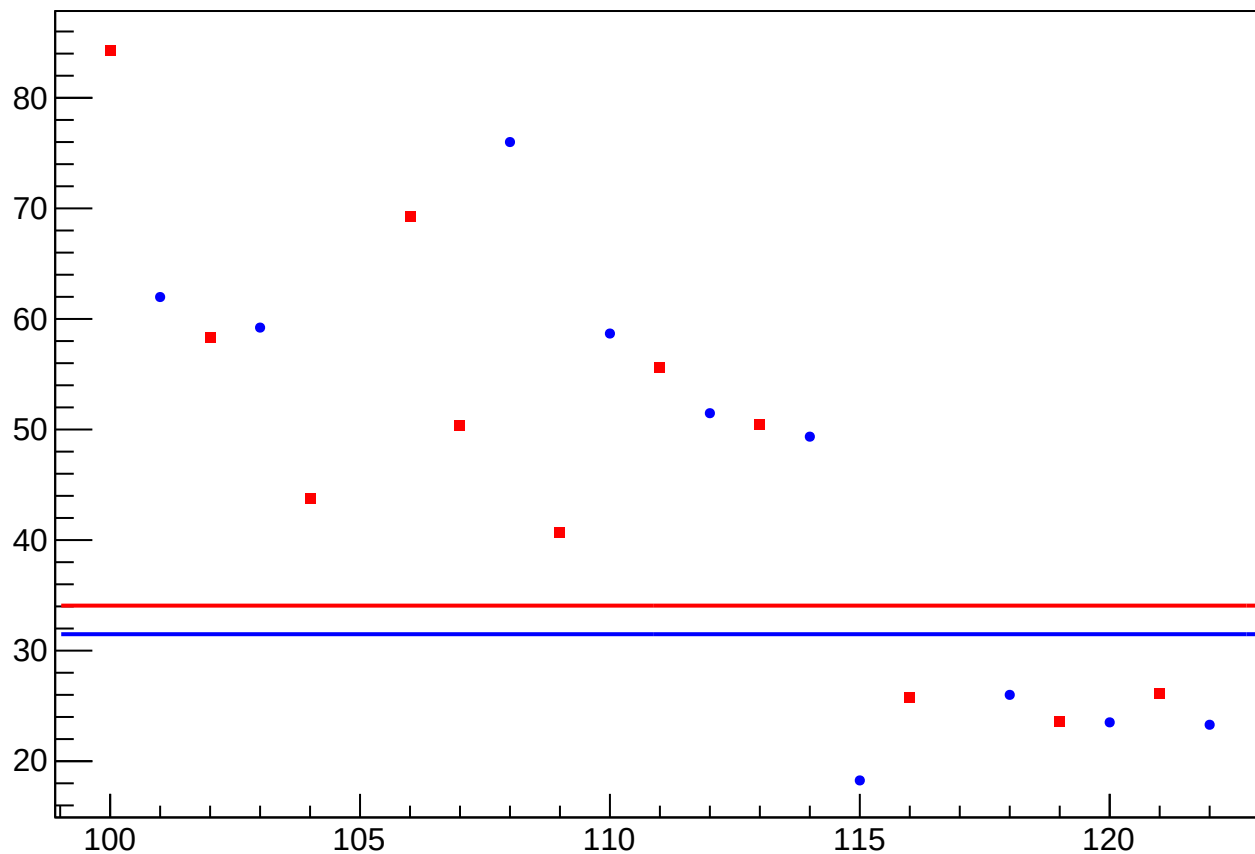
Right: -0.001+/-0.012 χ^2/NDF : 15.9/20

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 : 15.9/20

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: 34.072+/-0.012 χ^2/NDF : 1117470.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

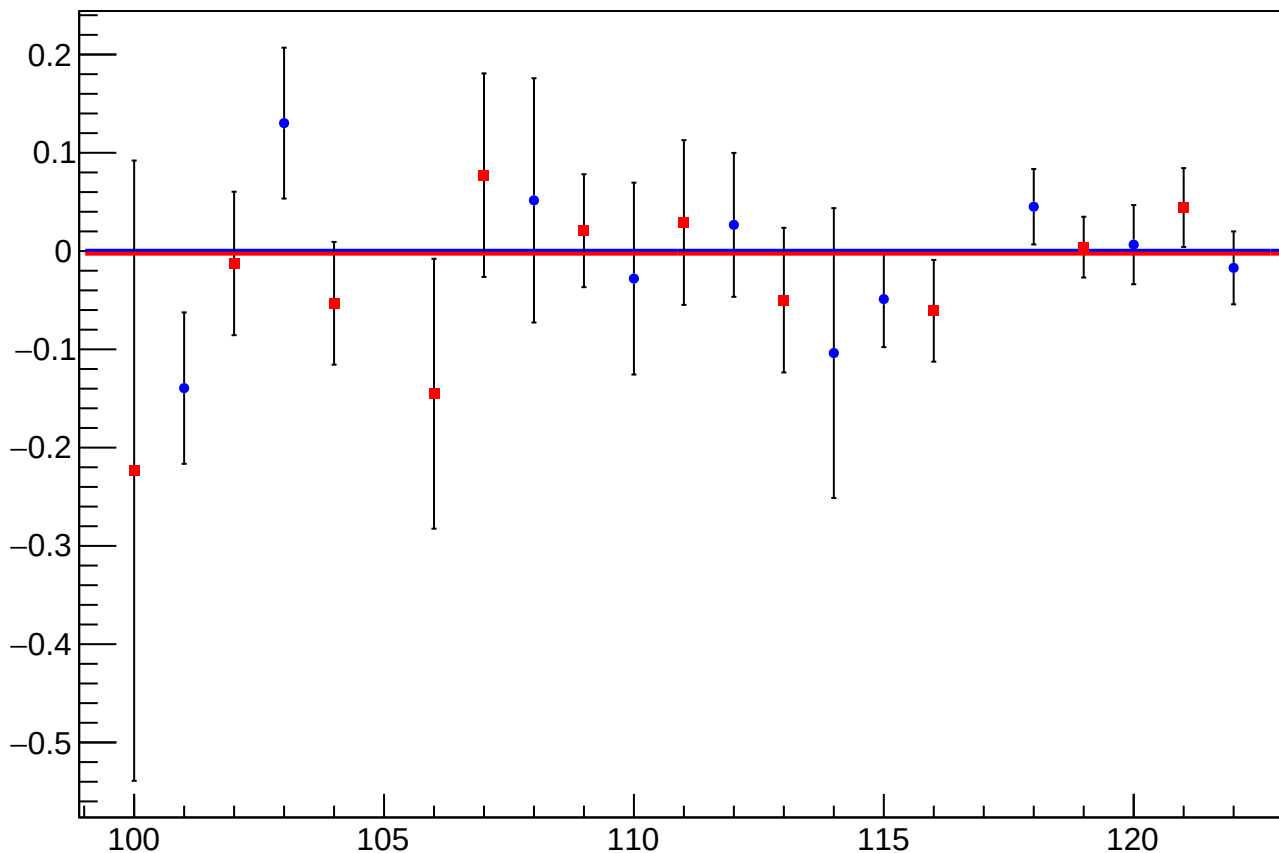
Right: 32.797+/-0.009 χ^2/NDF : 2666441.3/20

In: 31.486+/-0.013 χ^2/NDF :1527416.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.797+/-0.009 χ^2/NDF : 2666441.3/20

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: -0.003 $\pm$ 0.017 χ^2 /NDF: 6.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

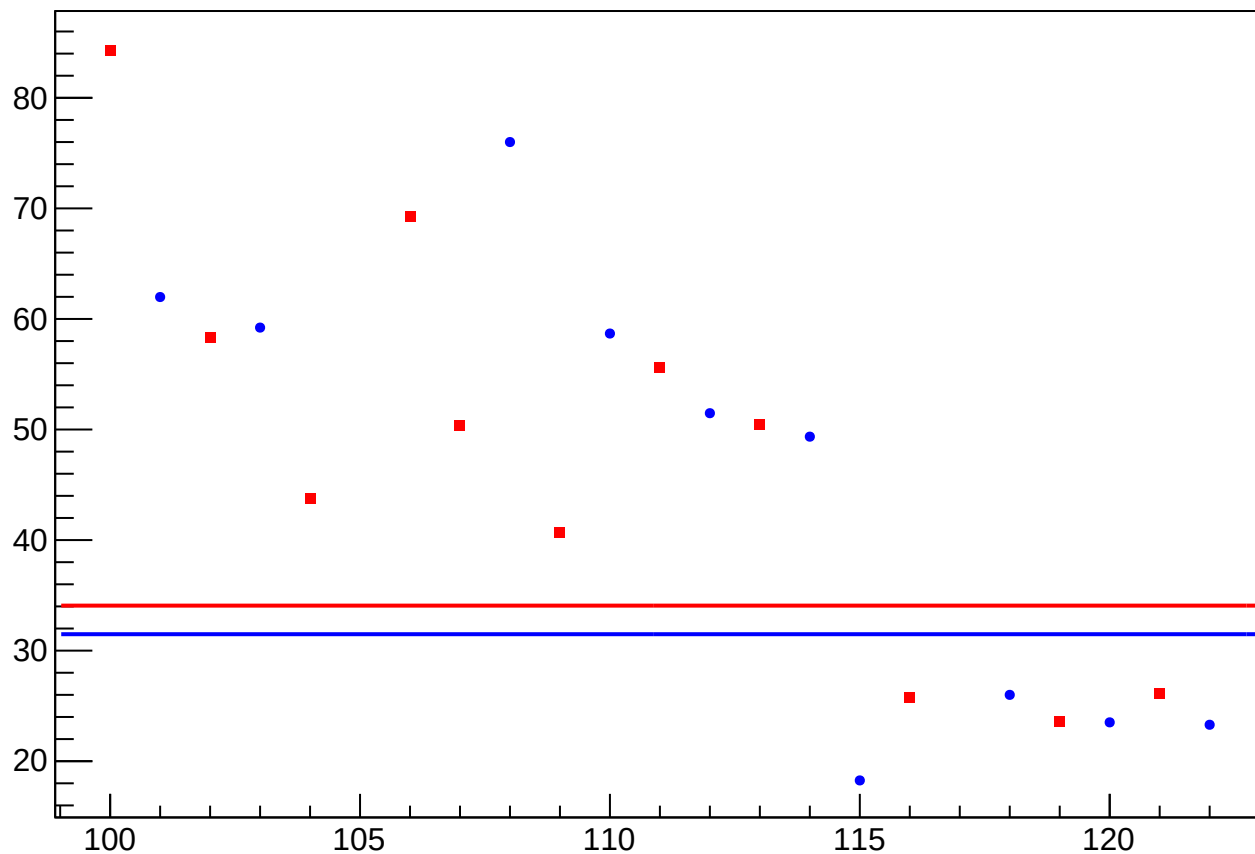
Right: -0.001 $\pm$ 0.012 χ^2 /NDF: 15.9/20

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: 15.9/20

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: 34.072+/-0.012 χ^2/NDF : 1117470.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

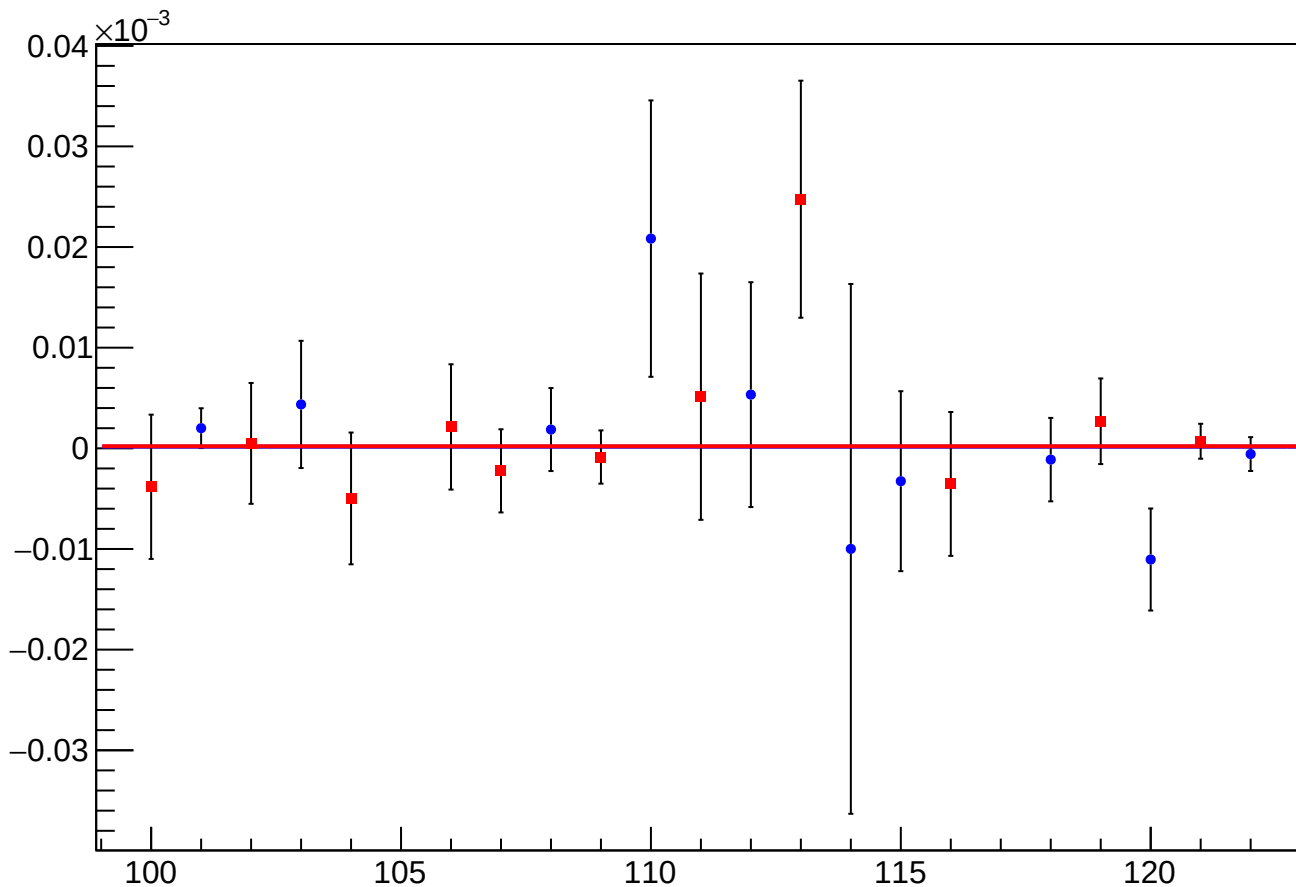
Right: 32.797+/-0.009 χ^2/NDF : 2666441.3/20

In: 31.486+/-0.013 χ^2/NDF : 1527416.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.797+/-0.009 χ^2/NDF : 2666441.3/20

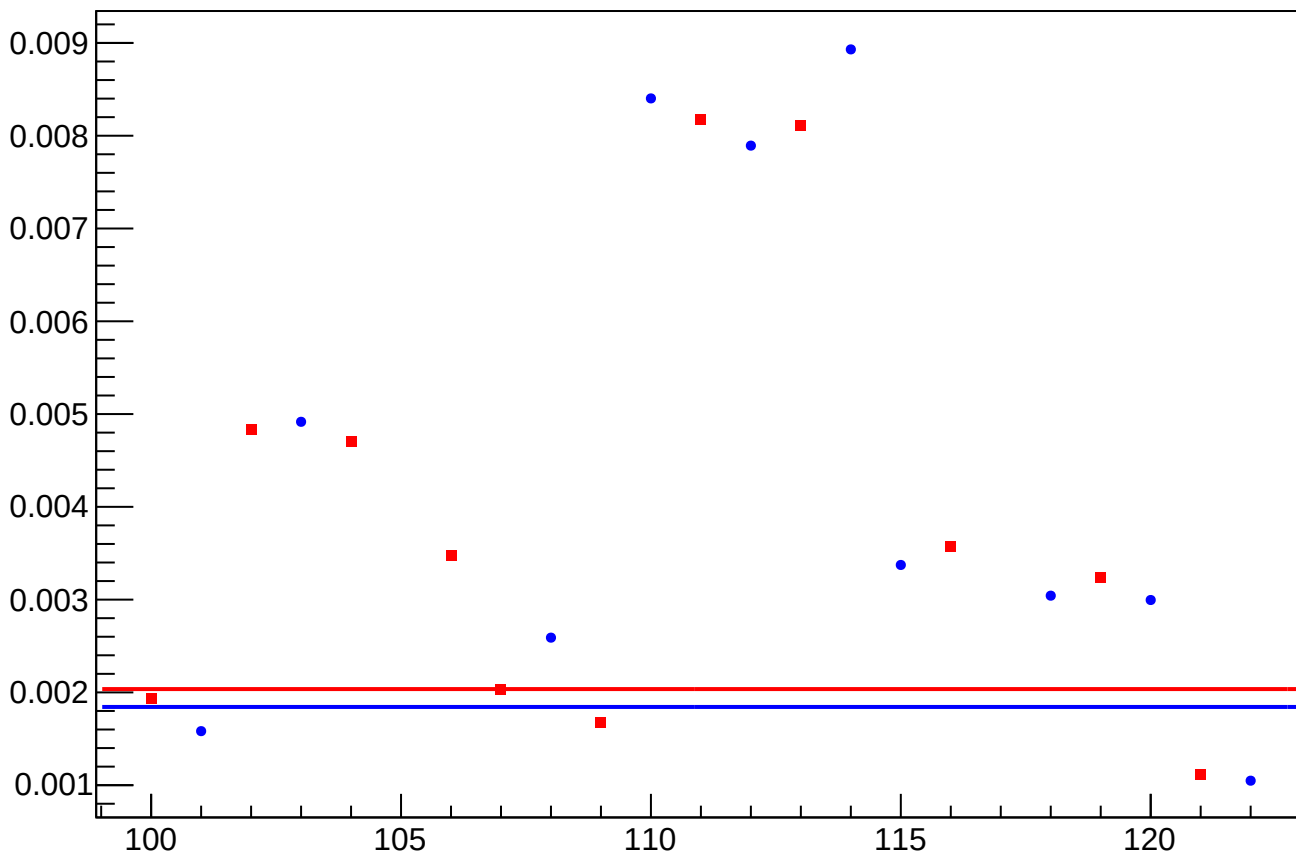
asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 6.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 16.2/20
 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 : 16.2/20

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 : 2756872.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

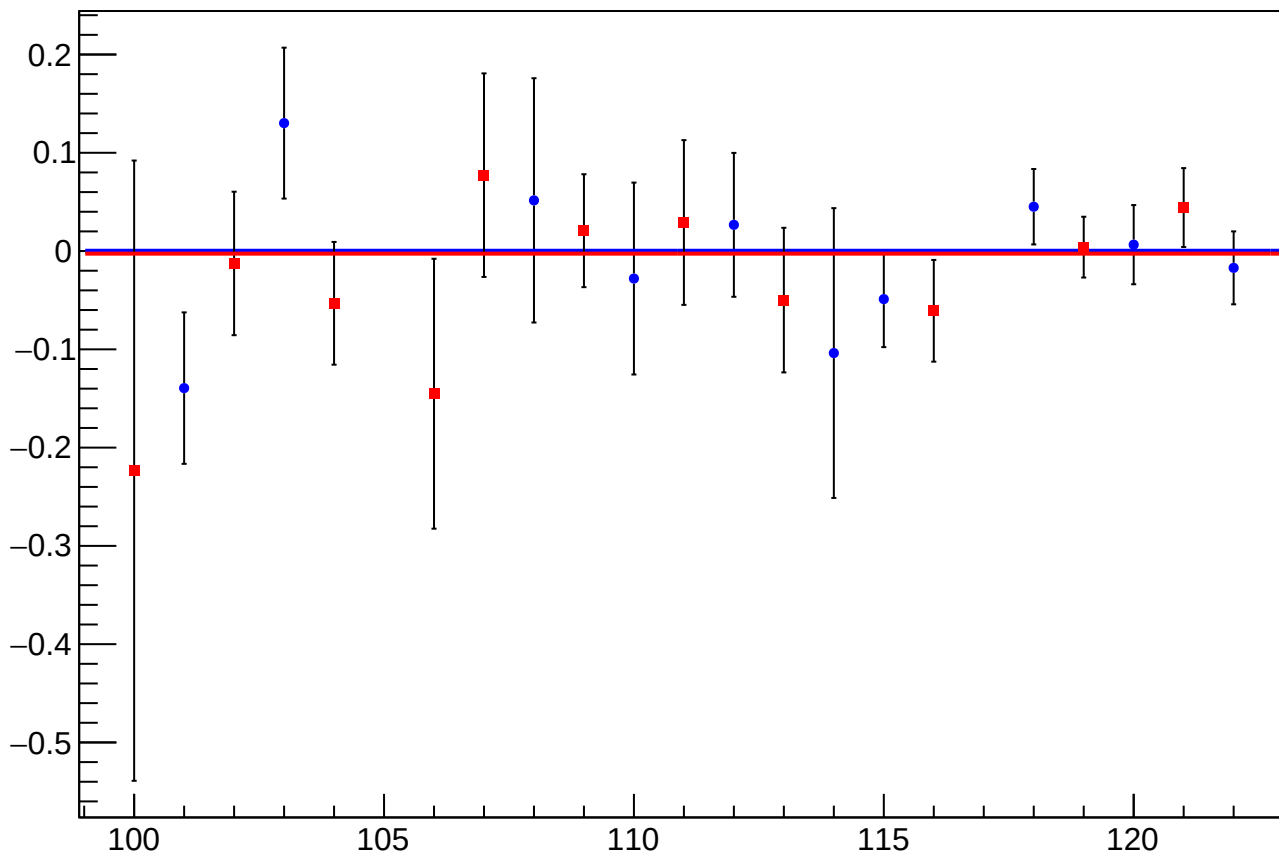
Right: 0.002+/-0.000 χ^2/NDF : 5323824.8/20

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 : 5323824.8/20

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: -0.003+/-0.017 χ^2/NDF : 6.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

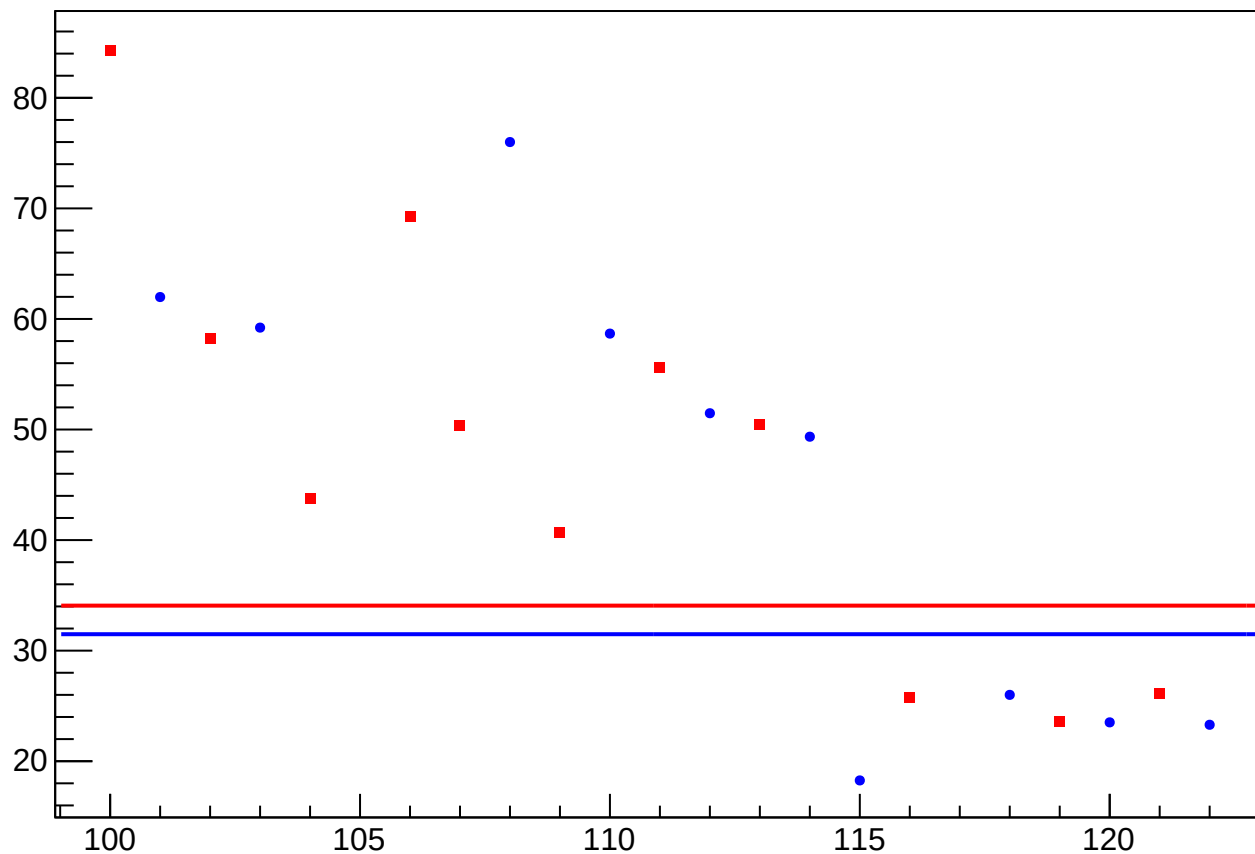
Right: -0.001+/-0.012 χ^2/NDF : 15.9/20

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 : 15.9/20

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: 34.072+/-0.012 χ^2/NDF : 1117364.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

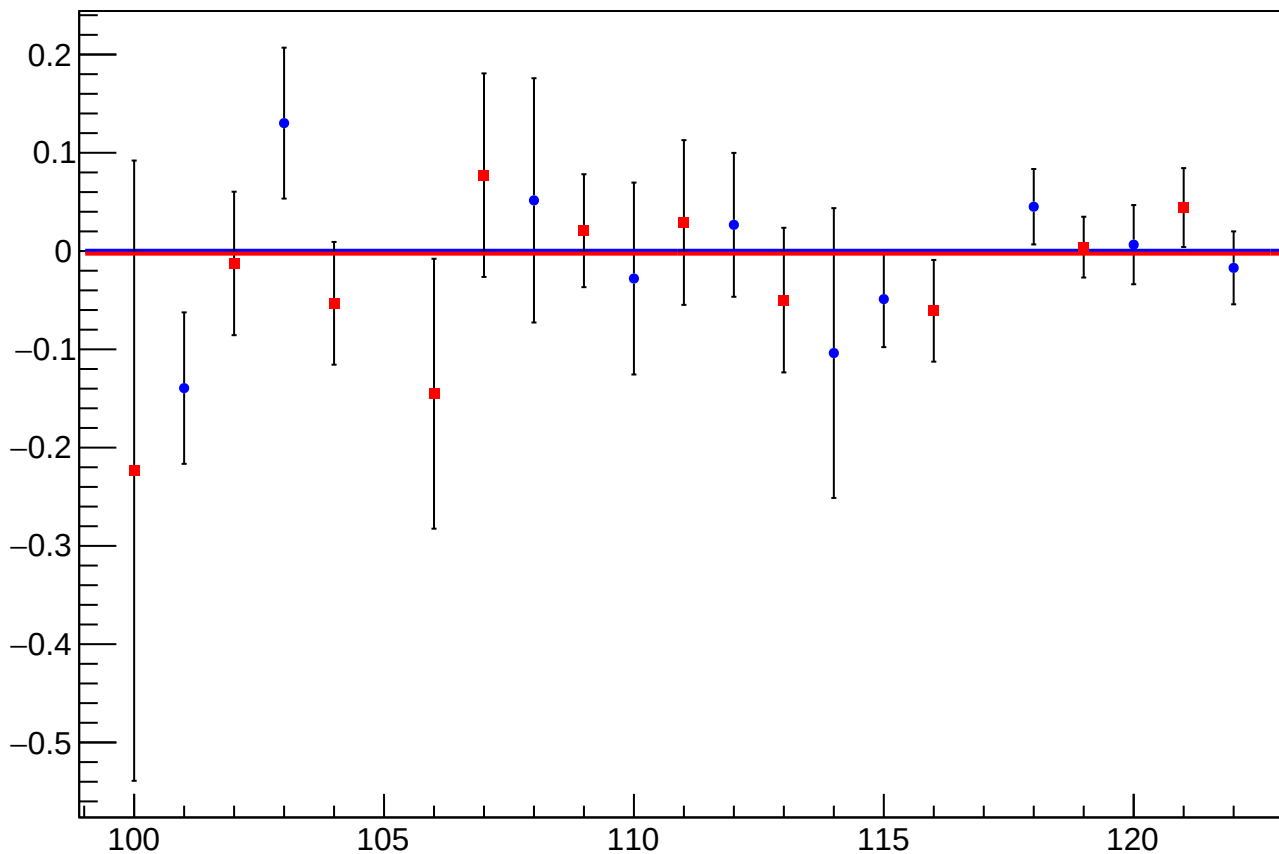
Right: 32.797+/-0.009 χ^2/NDF : 2666182.3/20

In: 31.487+/-0.013 χ^2/NDF : 1527272.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.797+/-0.009 χ^2/NDF : 2666182.3/20

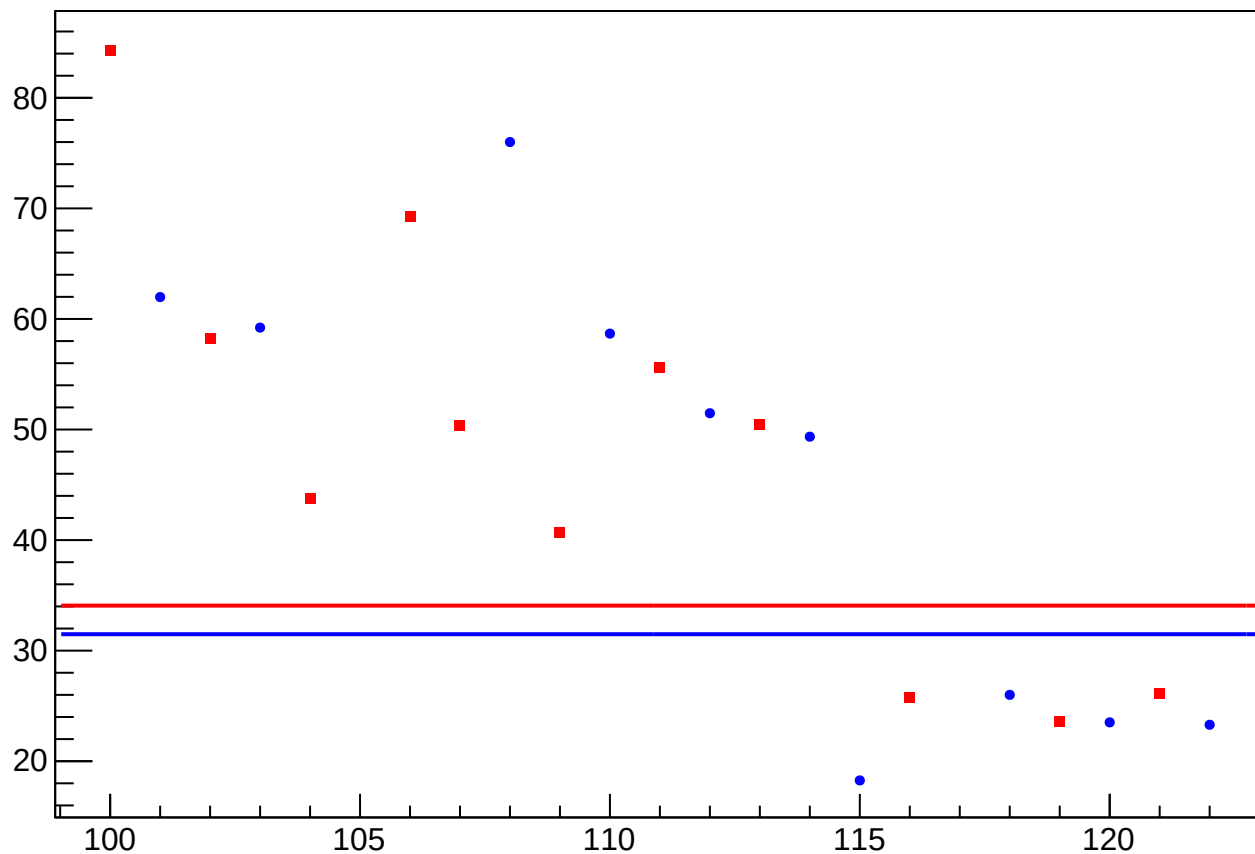
asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.003+/-0.017 χ^2/NDF : 6.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.001+/-0.012 χ^2/NDF : 15.9/20
 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 : 15.9/20

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: 34.072+/-0.012 χ^2/NDF : 1117364.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

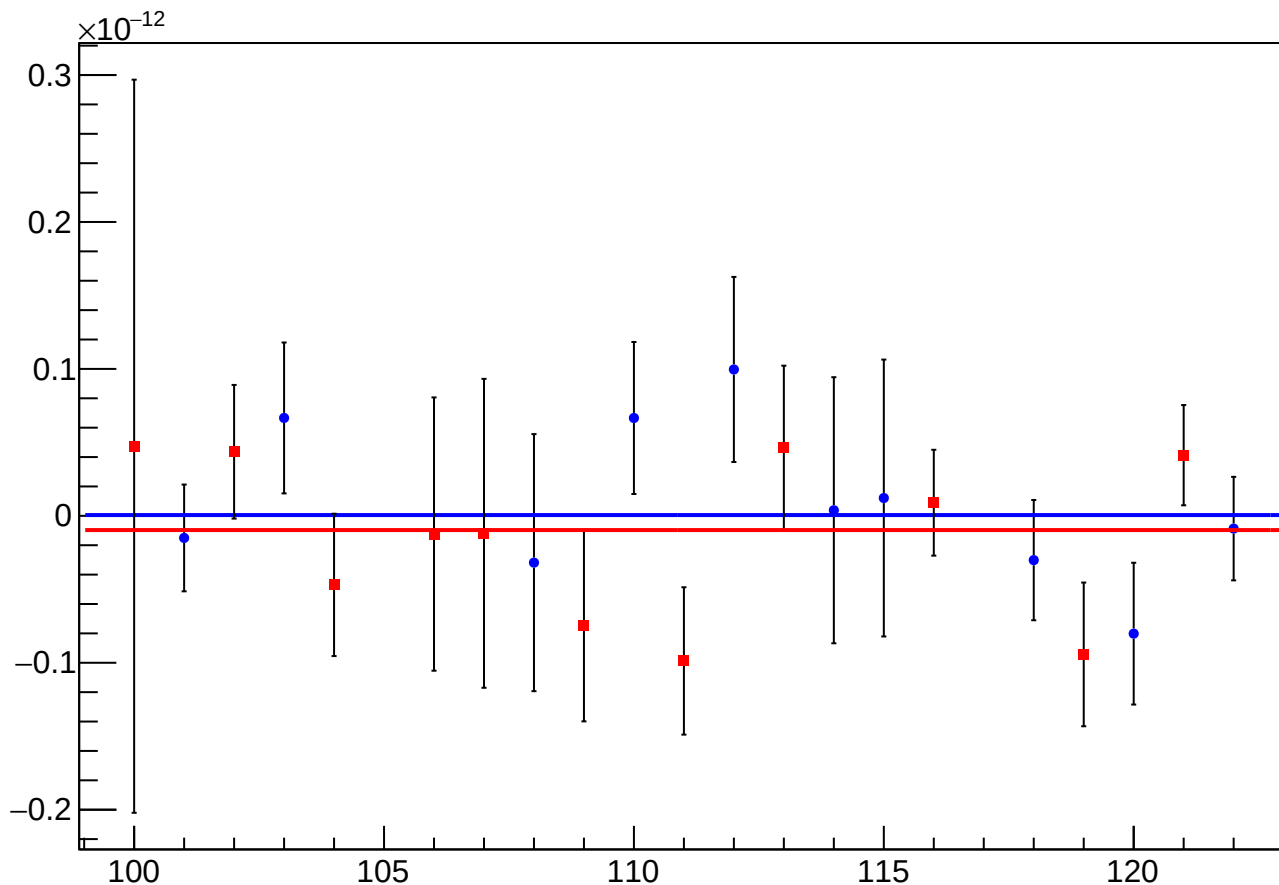
Right: 32.797+/-0.009 χ^2/NDF : 2666182.3/20

In: 31.487+/-0.013 χ^2/NDF : 1527272.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.797+/-0.009 χ^2/NDF : 2666182.3/20

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 : 12.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

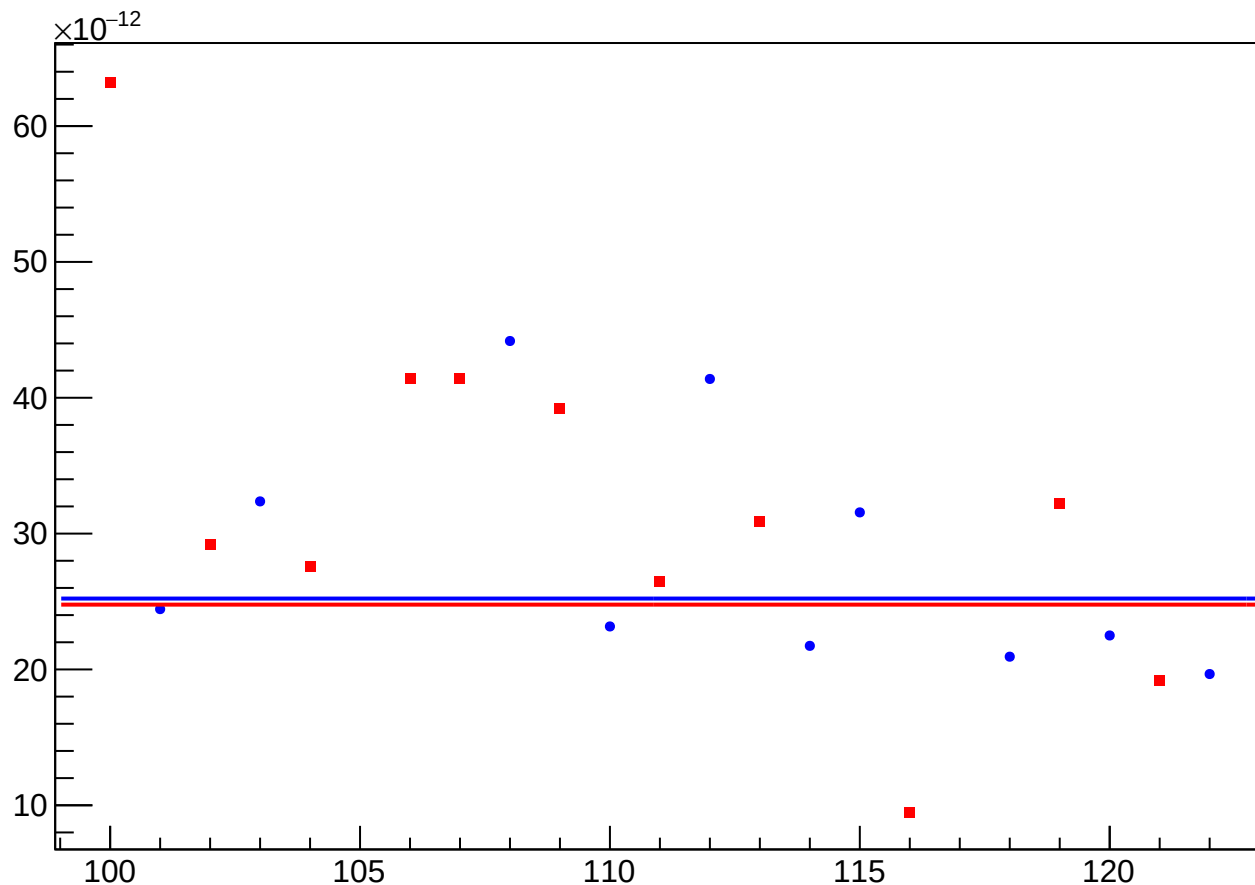
Right: -0.000+/-0.000 χ^2/NDF : 22.4/20

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 : 22.4/20

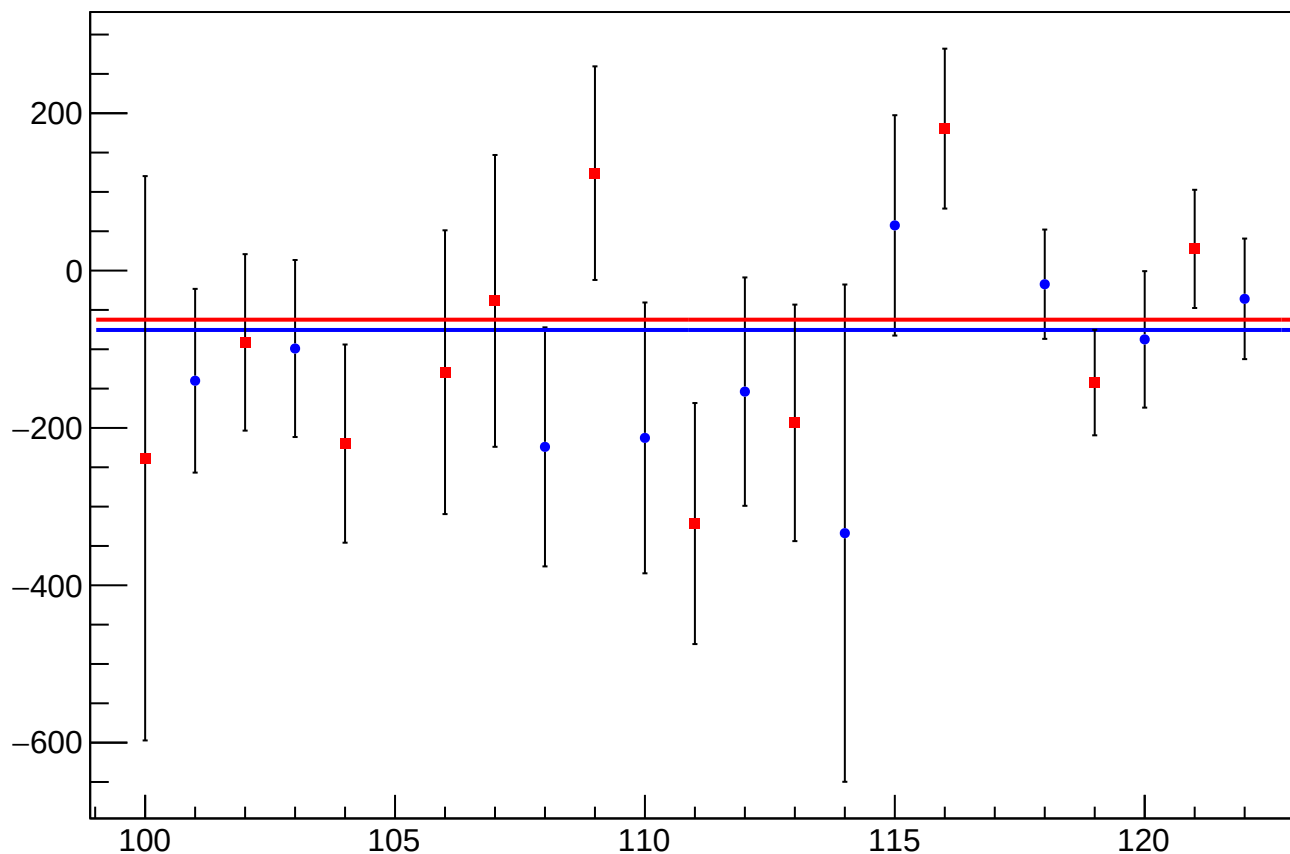
asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 774294.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1133693.3/20
 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 : 1133693.3/20

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: -62.396 ± 34.348 χ^2/NDF : 16.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

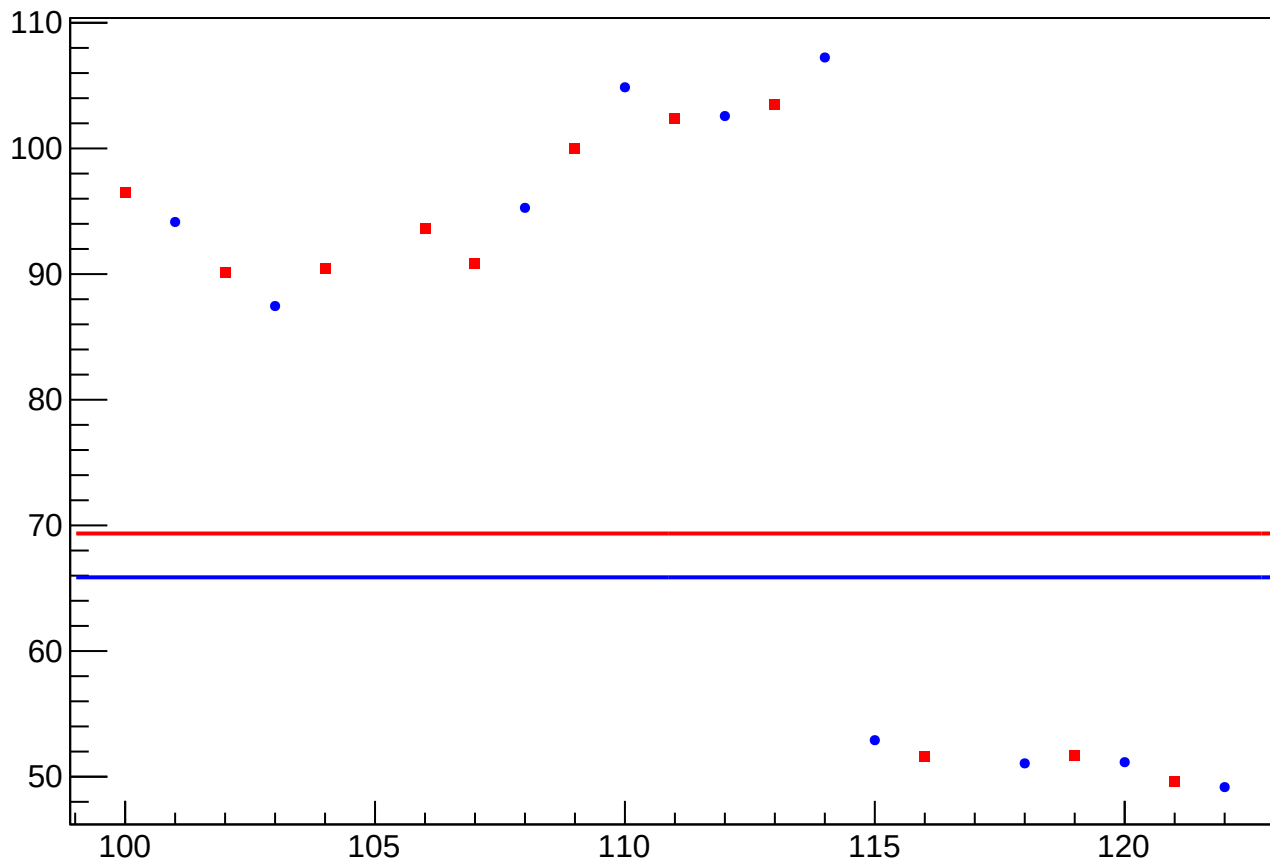
Right: -68.936 ± 24.282 χ^2/NDF : 21.0/20

In: -75.470 ± 34.332 χ^2/NDF : 4.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.936 ± 24.282 χ^2/NDF : 21.0/20

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: 69.356+/-0.024 χ^2/NDF : 835503.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

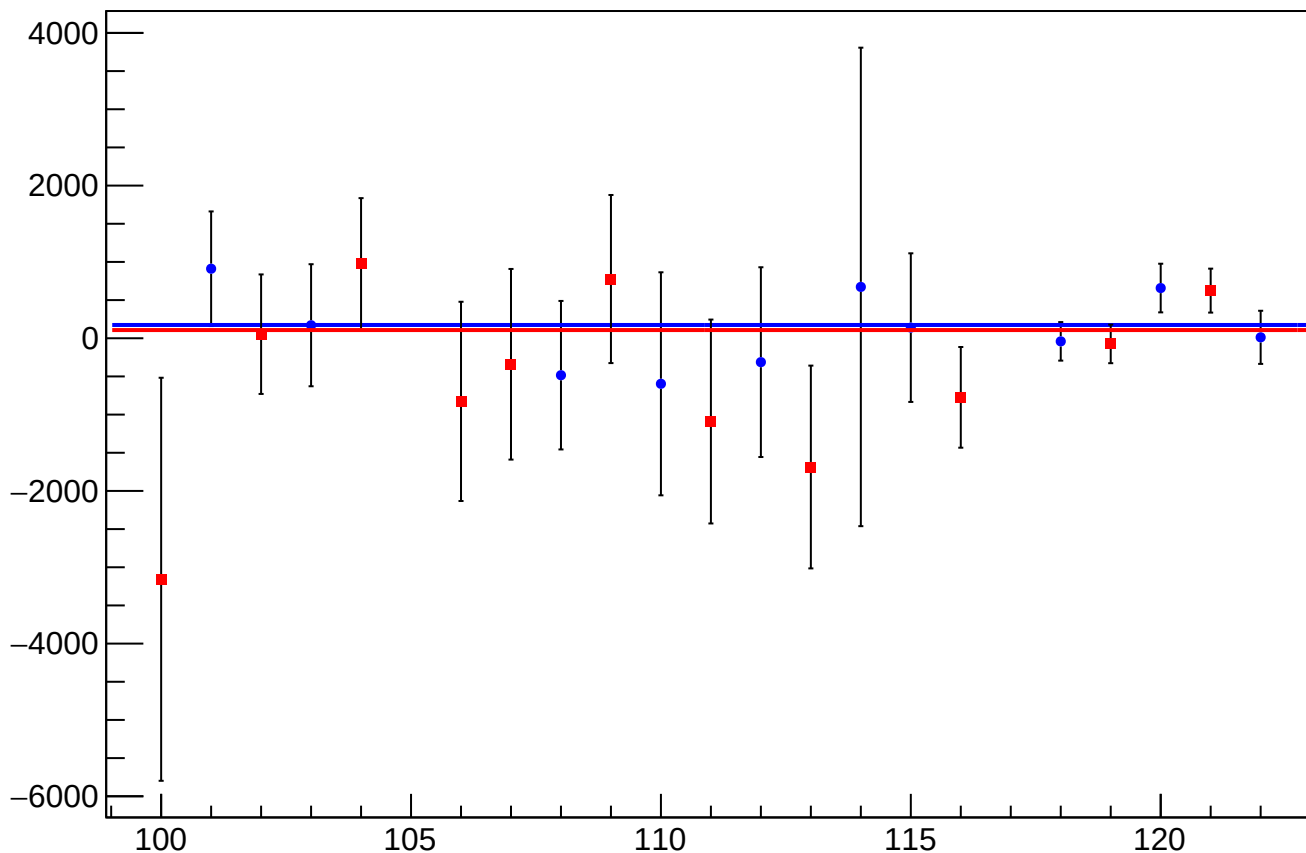
Right: 67.611+/-0.017 χ^2/NDF : 1637153.5/20

In: 65.867+/-0.024 χ^2/NDF : 791325.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.611+/-0.017 χ^2/NDF : 1637153.5/20

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 174.111+/-157.187 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.405+/-165.901 χ^2/NDF : 11.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

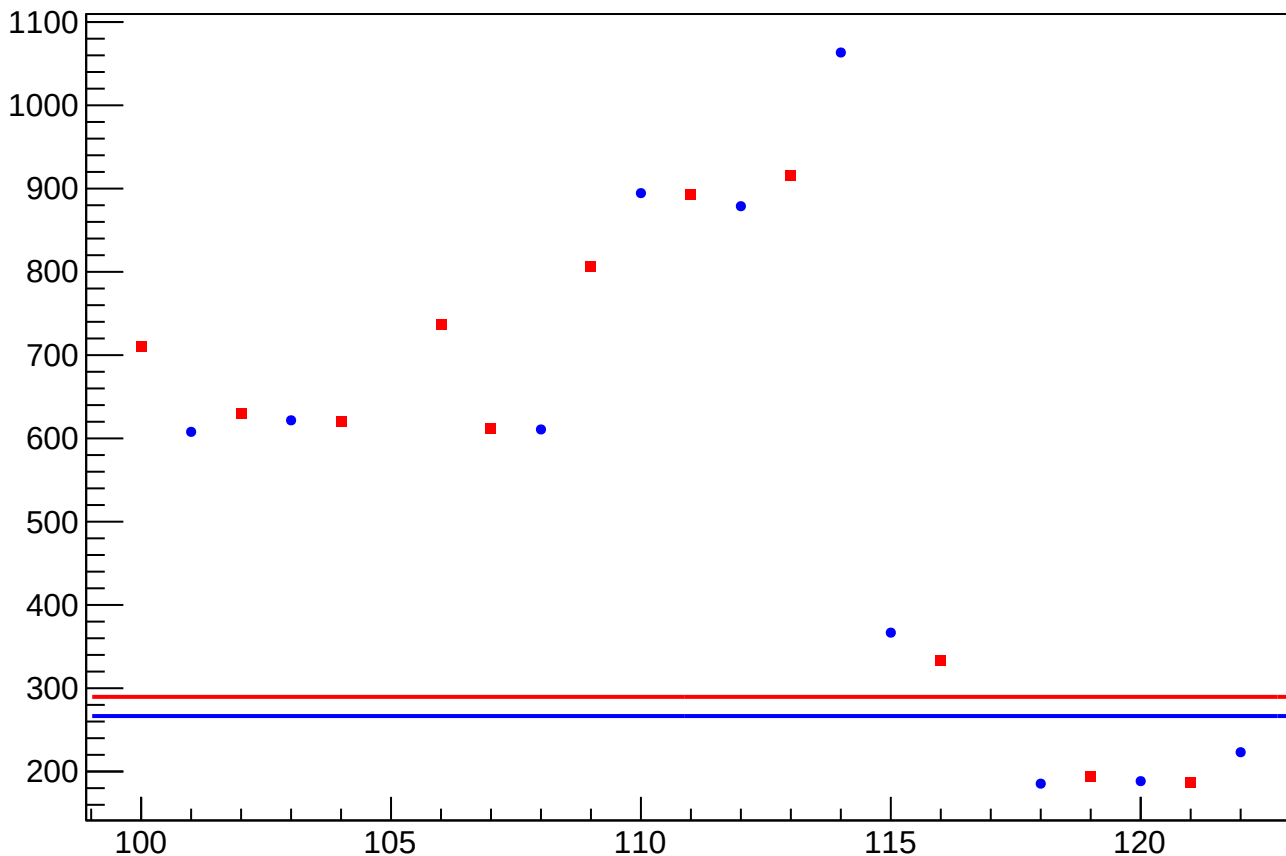
Right: 142.556+/-114.104 χ^2/NDF : 16.9/20

In: 174.111+/-157.187 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.556+/-114.104 χ^2/NDF : 16.9/20

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 266.584 $\pm$ 0.111 χ^2 /NDF: 2422106.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 289.643 $\pm$ 0.117 χ^2 /NDF: 2938308.1/10

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

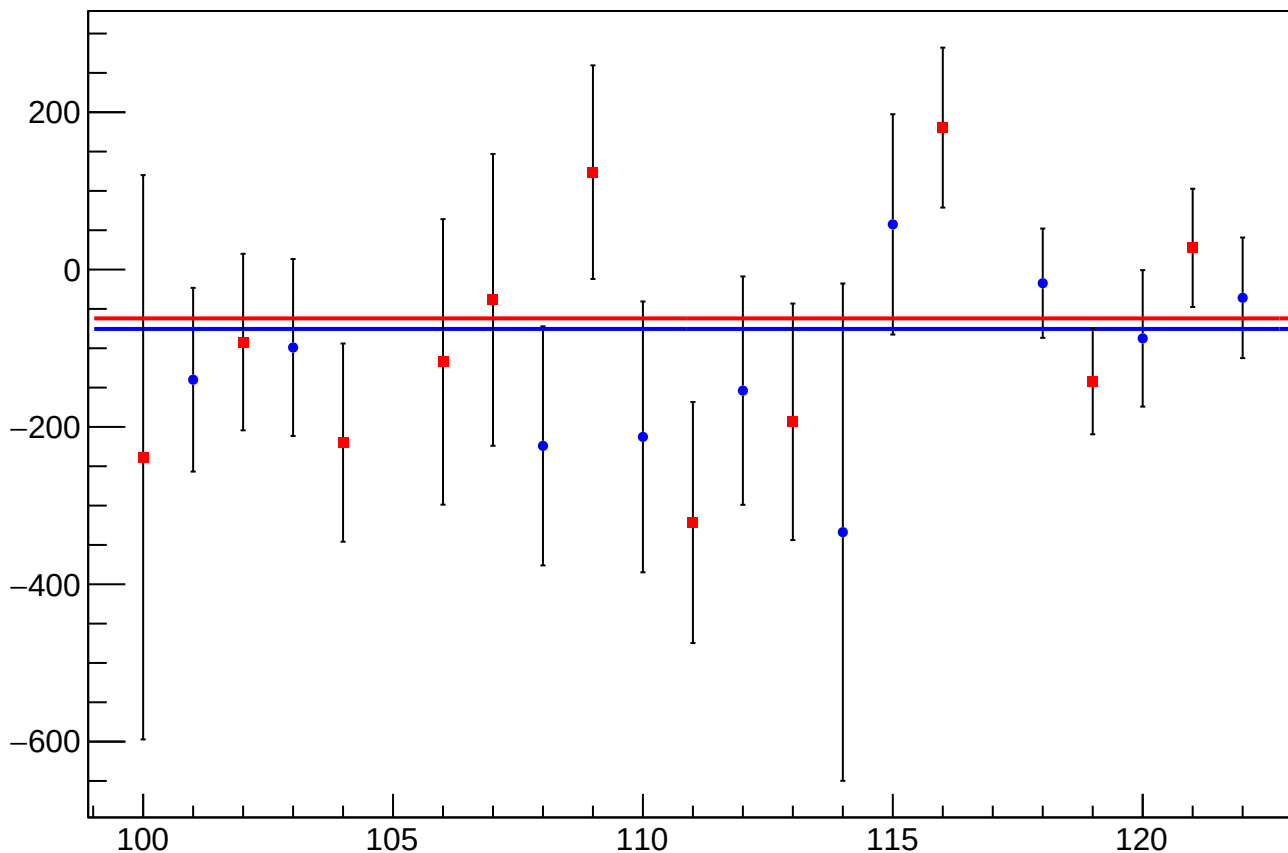
Right: 277.492 $\pm$ 0.081 χ^2 /NDF: 5380776.3/20

In: 266.584 $\pm$ 0.111 χ^2 /NDF:2422106.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 277.492 $\pm$ 0.081 χ^2 /NDF: 5380776.3/20

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: -62.030 ± 34.356 χ^2/NDF : 16.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

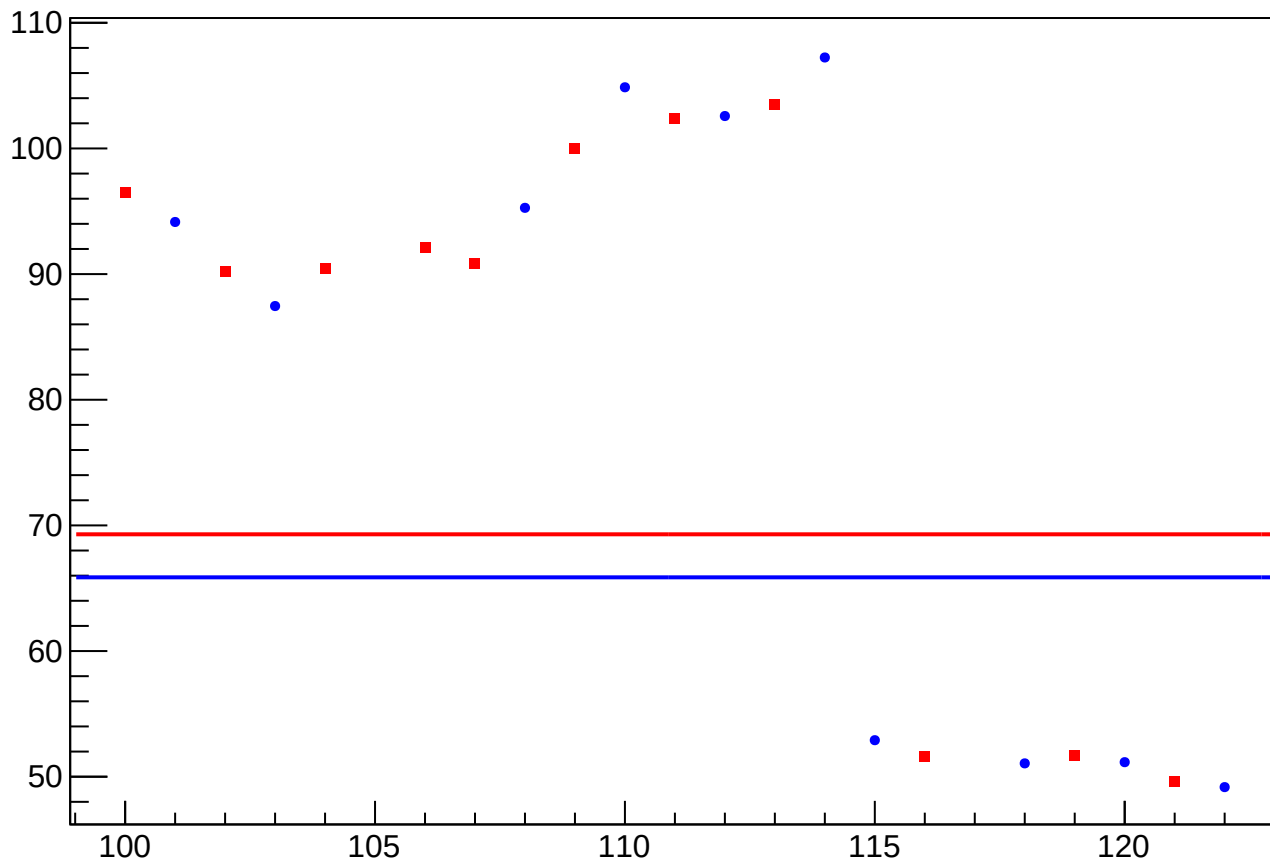
Right: -68.755 ± 24.285 χ^2/NDF : 20.9/20

In: -75.471 ± 34.332 χ^2/NDF : 4.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.755 ± 24.285 χ^2/NDF : 20.9/20

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: 69.292+/-0.024 χ^2/NDF : 830788.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

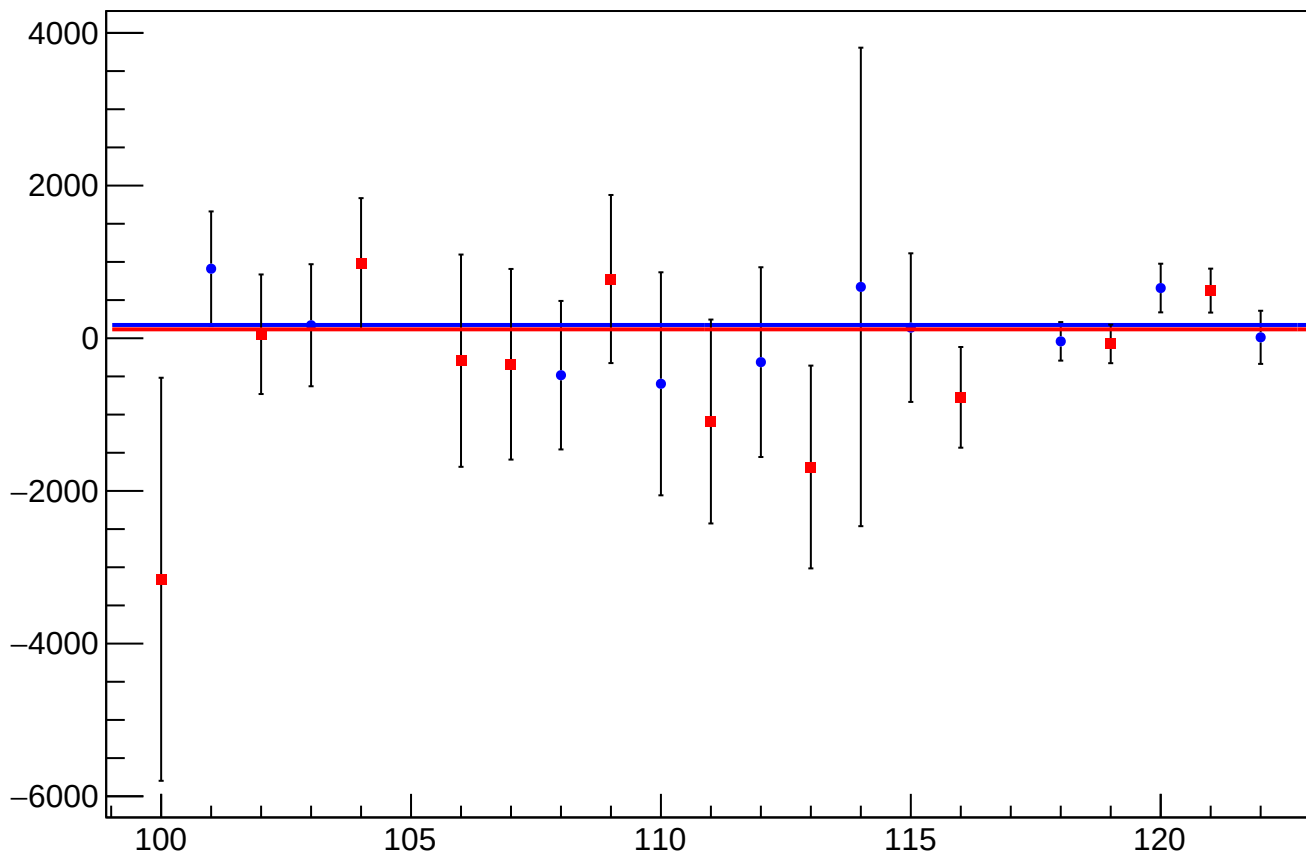
Right: 67.578+/-0.017 χ^2/NDF : 1632058.2/20

In: 65.867+/-0.024 χ^2/NDF : 791326.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.578+/-0.017 χ^2/NDF : 1632058.2/20

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: 116.759 $\pm$ 166.064 χ^2 /NDF: 11.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

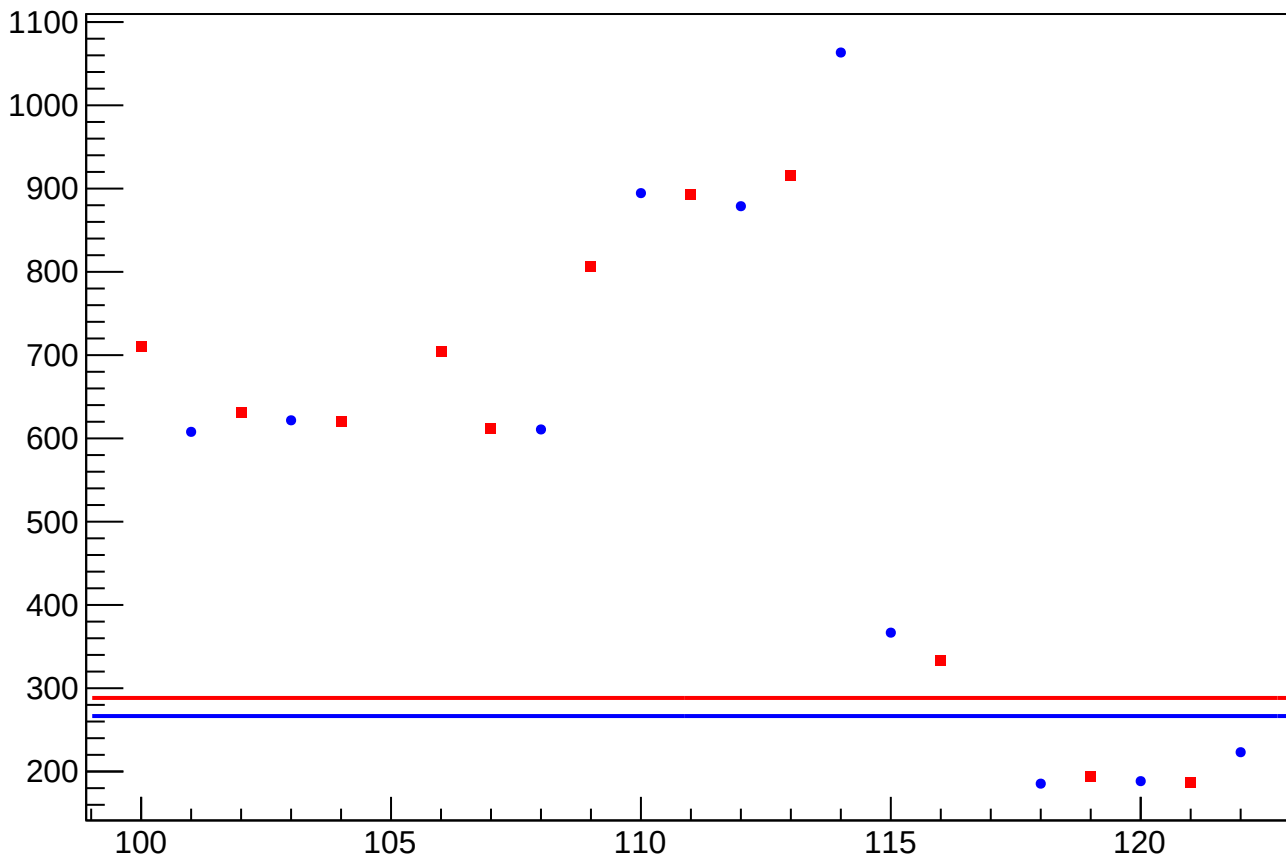
Right: 147.005 $\pm$ 114.157 χ^2 /NDF: 16.5/20

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: 147.005 $\pm$ 114.157 χ^2 /NDF: 16.5/20

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: 288.326+/-0.117 χ^2/NDF : 2881990.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

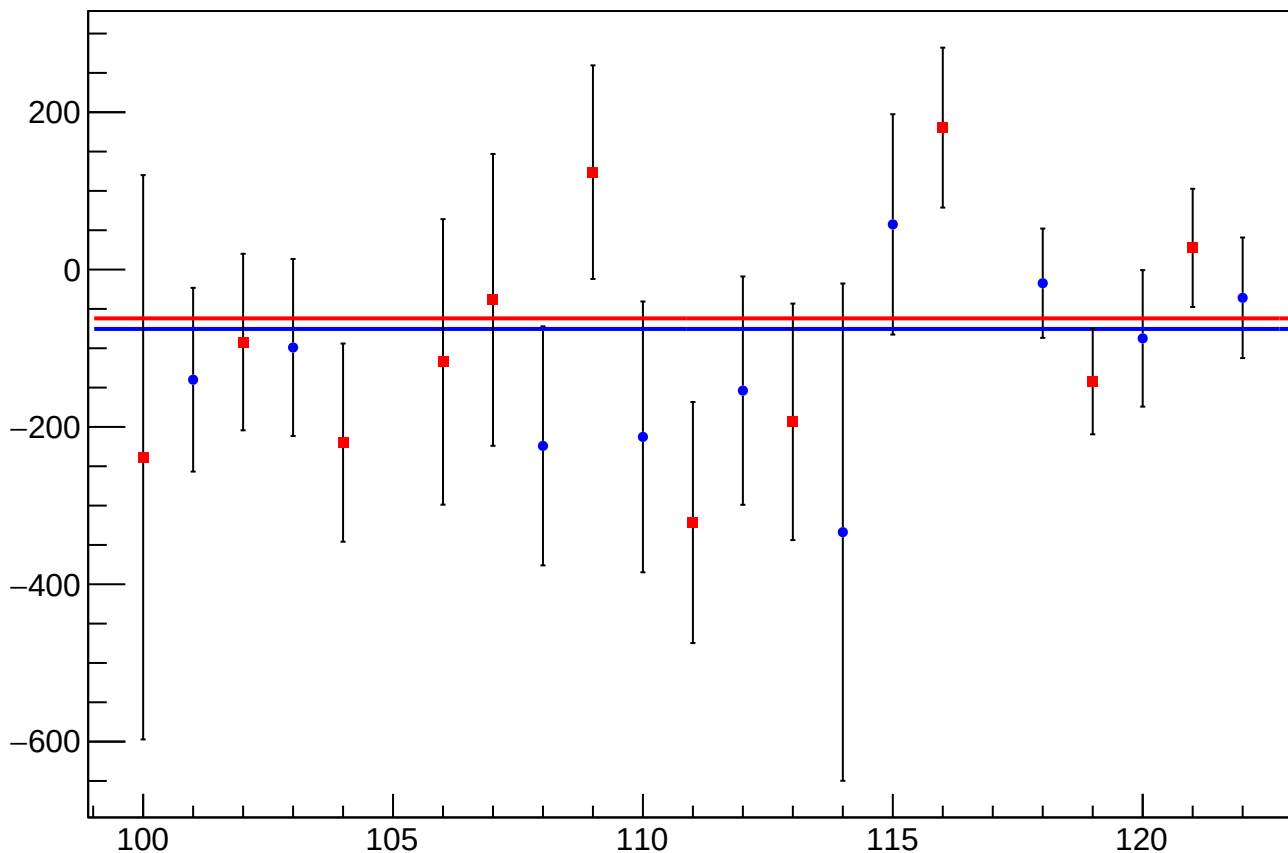
Right: 276.858+/-0.081 χ^2/NDF : 5322197.6/20

In: 266.583+/-0.111 χ^2/NDF :2422123.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 276.858+/-0.081 χ^2/NDF : 5322197.6/20

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: -62.030+/-34.356 χ^2/NDF : 16.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

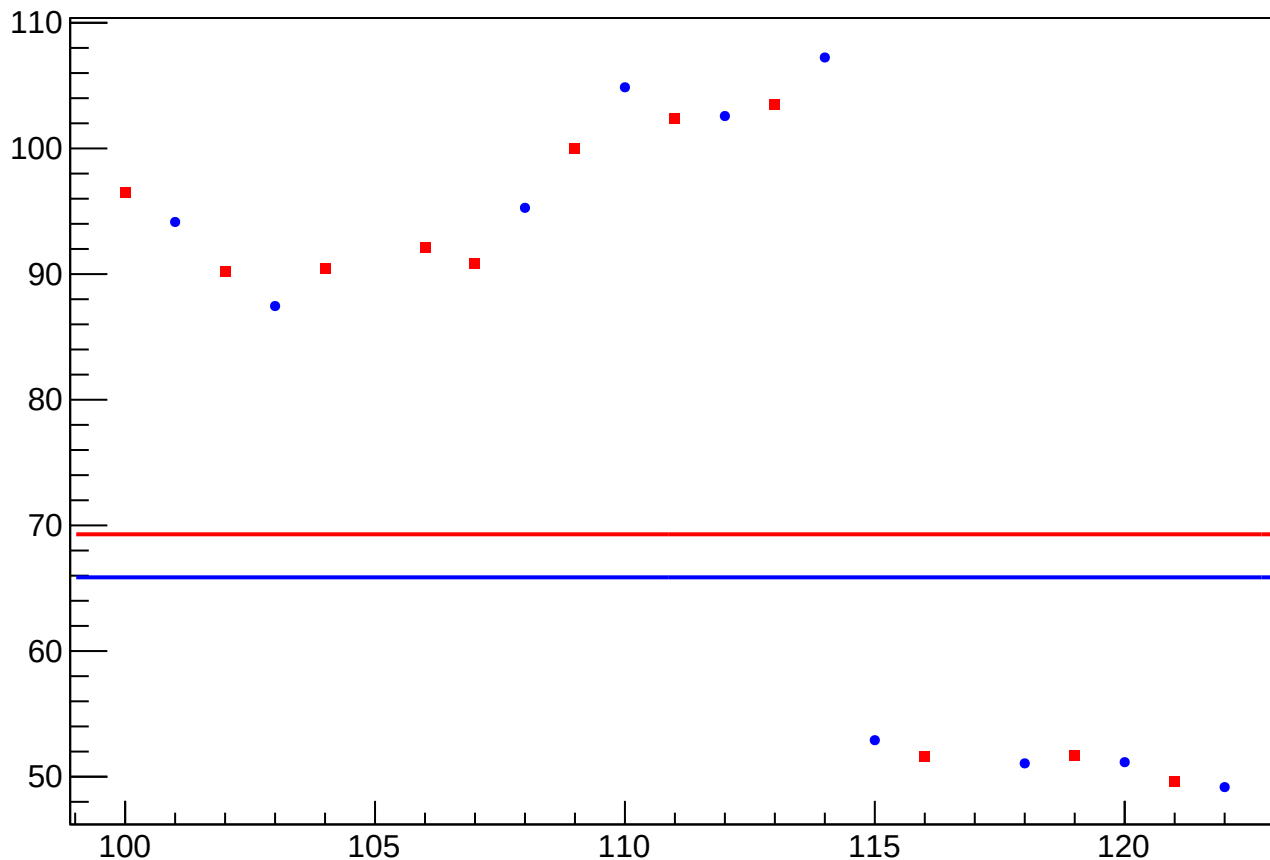
Right: -68.755+/-24.285 χ^2/NDF : 20.9/20

In: -75.471+/-34.332 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.755+/-24.285 χ^2/NDF : 20.9/20

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.867 $\pm$ 0.024 χ^2 /NDF: 791326.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.292 $\pm$ 0.024 χ^2 /NDF: 830788.3/10

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

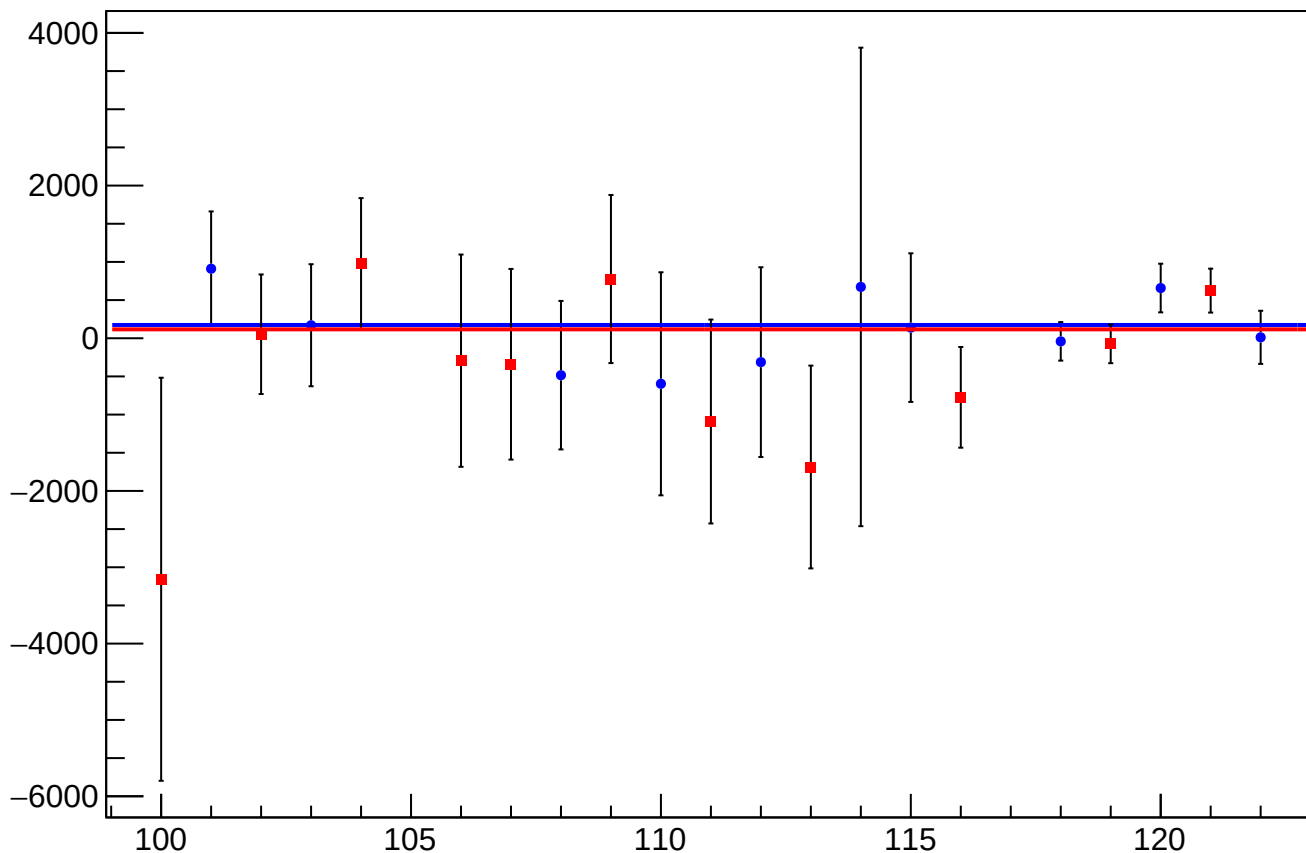
Right: 67.578 $\pm$ 0.017 χ^2 /NDF: 1632058.2/20

In: 65.867 $\pm$ 0.024 χ^2 /NDF:791326.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.578 $\pm$ 0.017 χ^2 /NDF: 1632058.2/20

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: 116.759 $\pm$ 166.064 χ^2 /NDF: 11.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

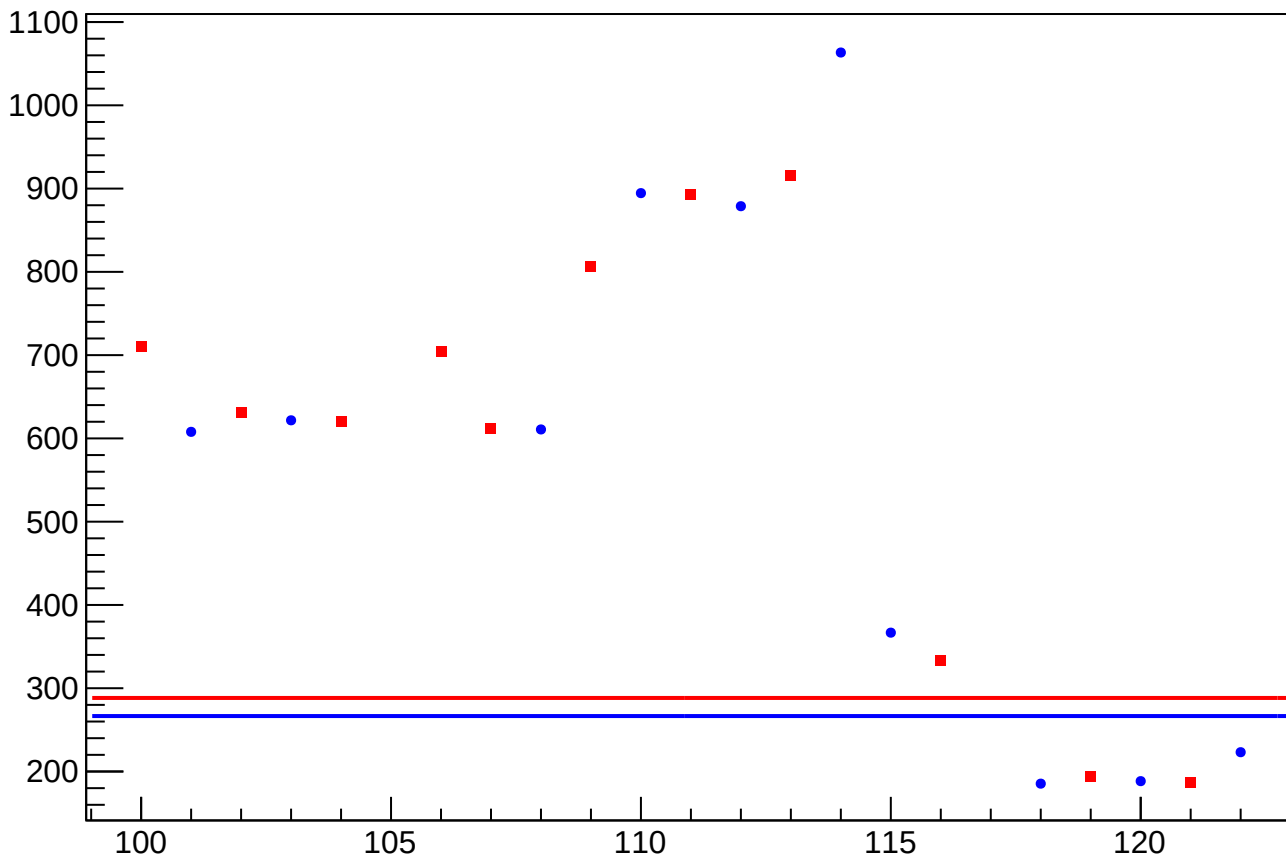
Right: 147.005 $\pm$ 114.157 χ^2 /NDF: 16.5/20

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: 147.005 $\pm$ 114.157 χ^2 /NDF: 16.5/20

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: 288.326+/-0.117 χ^2/NDF : 2881990.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

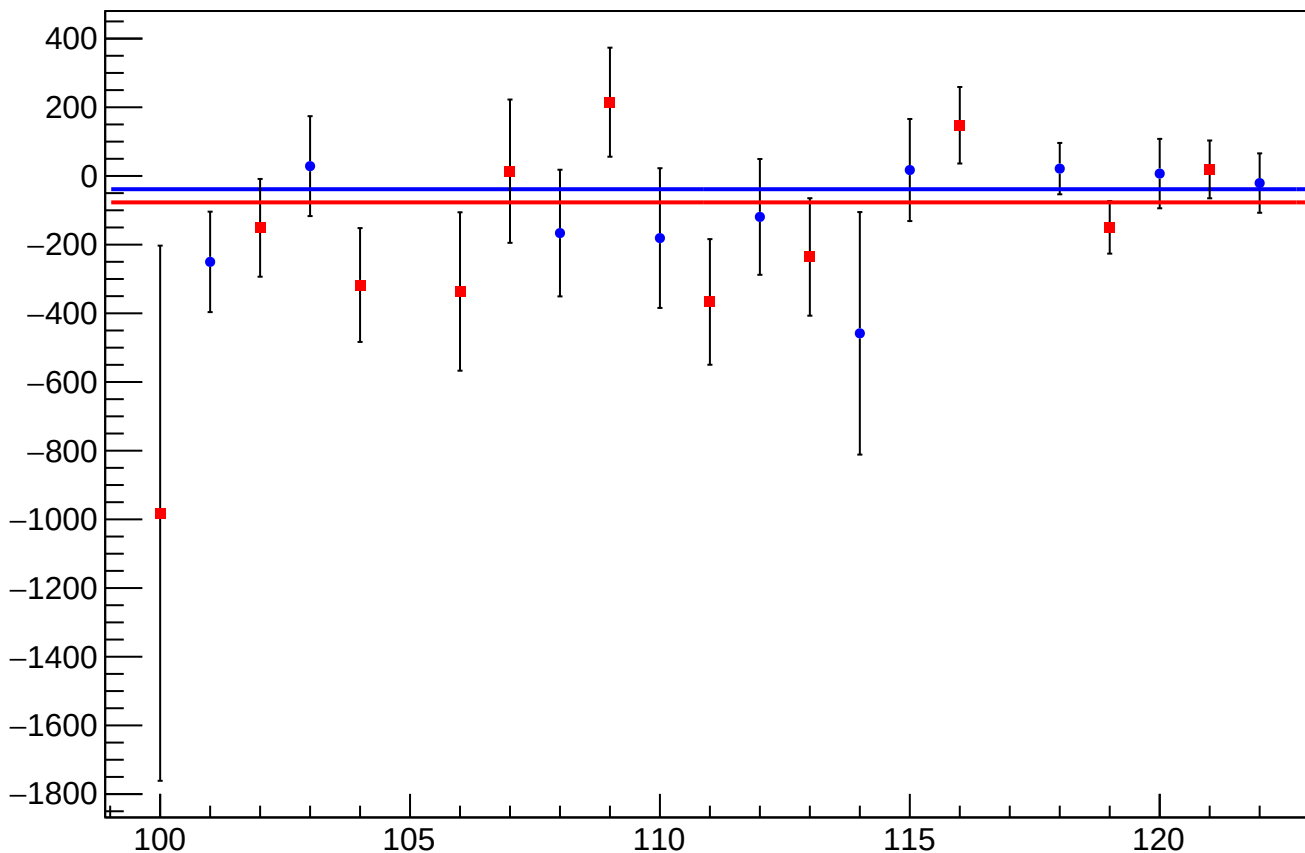
Right: 276.858+/-0.081 χ^2/NDF : 5322197.6/20

In: 266.583+/-0.111 χ^2/NDF :2422123.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 276.858+/-0.081 χ^2/NDF : 5322197.6/20

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: -76.916+/-39.987 χ^2/NDF : 18.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

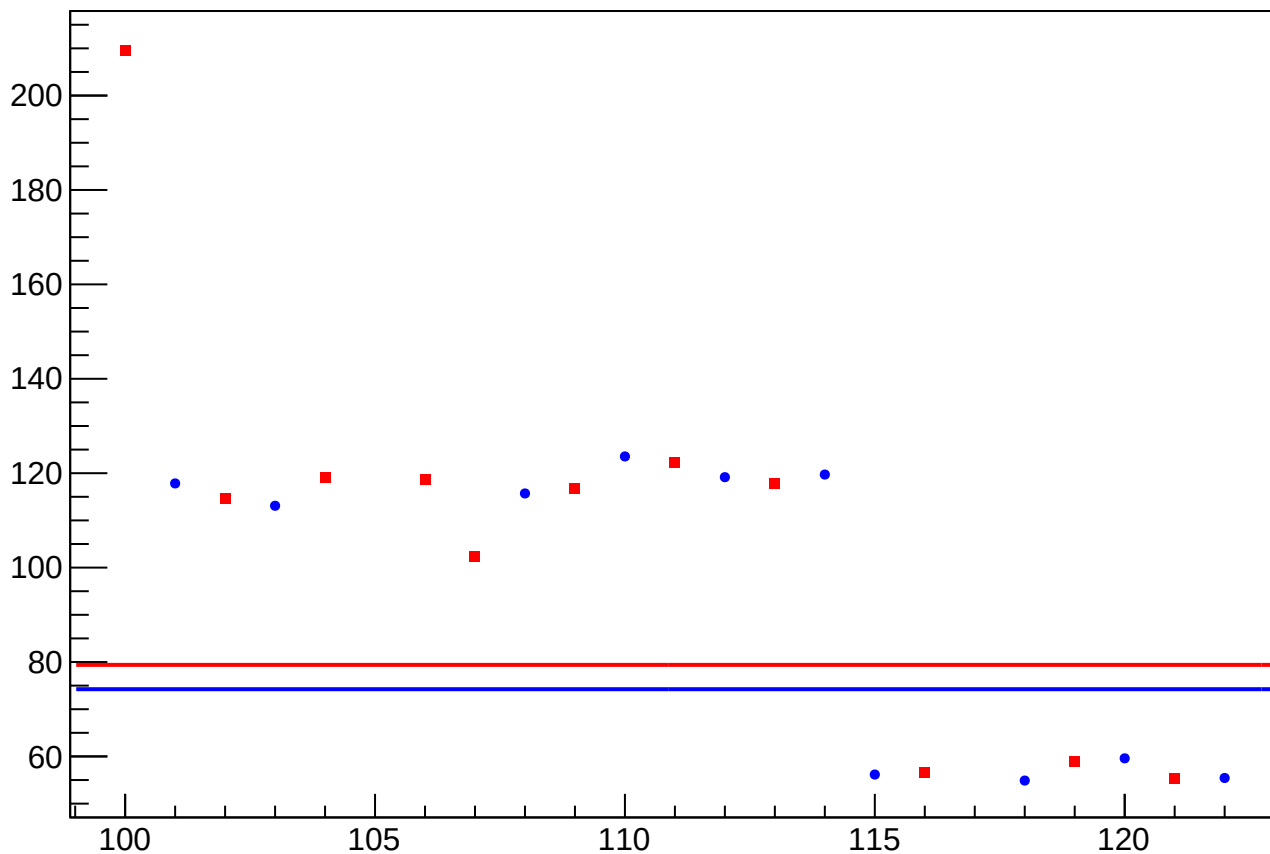
Right: -57.436+/-28.038 χ^2/NDF : 24.6/20

In: -38.595+/-39.326 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.436+/-28.038 χ^2/NDF : 24.6/20

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: 79.395 $\pm$ 0.028 χ^2 /NDF: 1084468.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

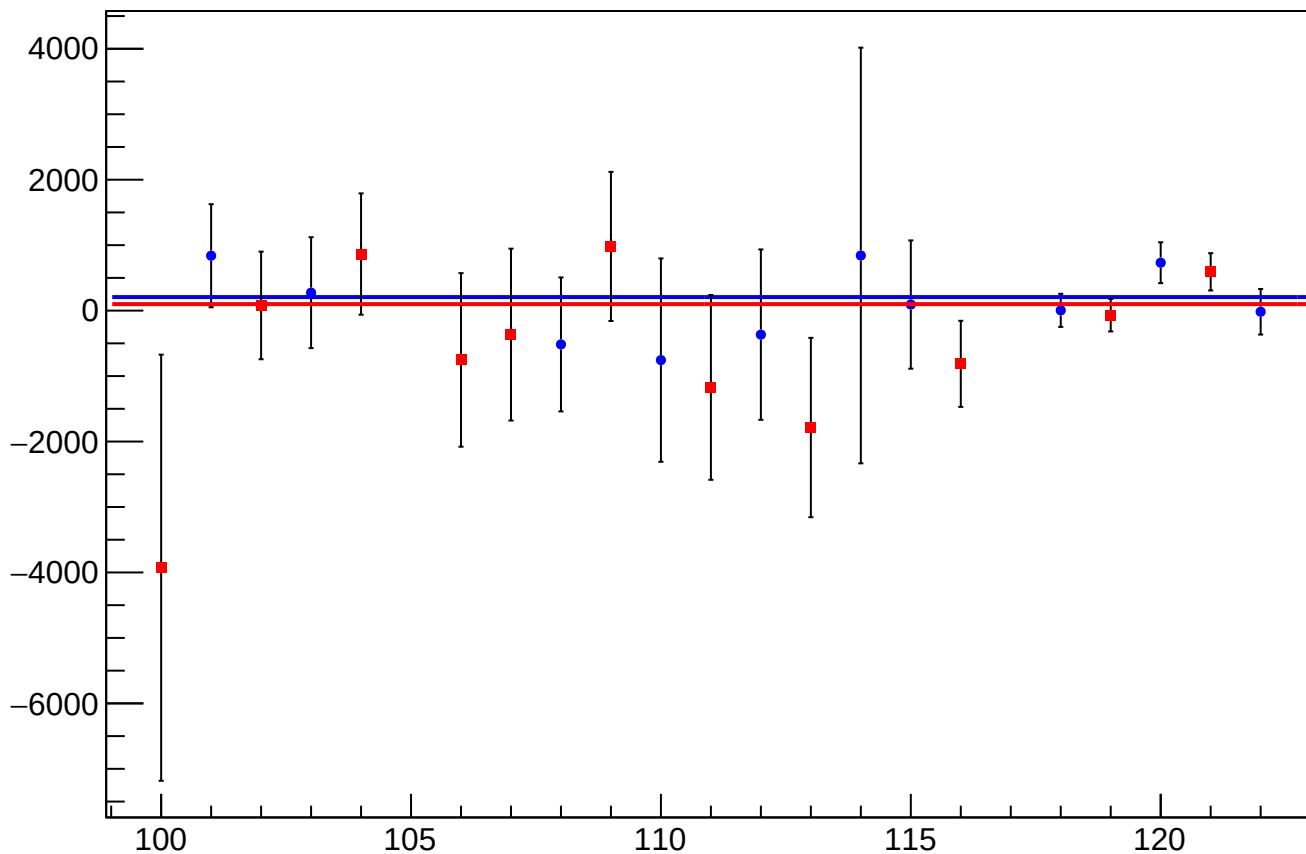
Right: 76.776 $\pm$ 0.020 χ^2 /NDF: 2115665.3/20

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: 76.776 $\pm$ 0.020 χ^2 /NDF: 2115665.3/20

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: 99.430 $\pm$ 165.401 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

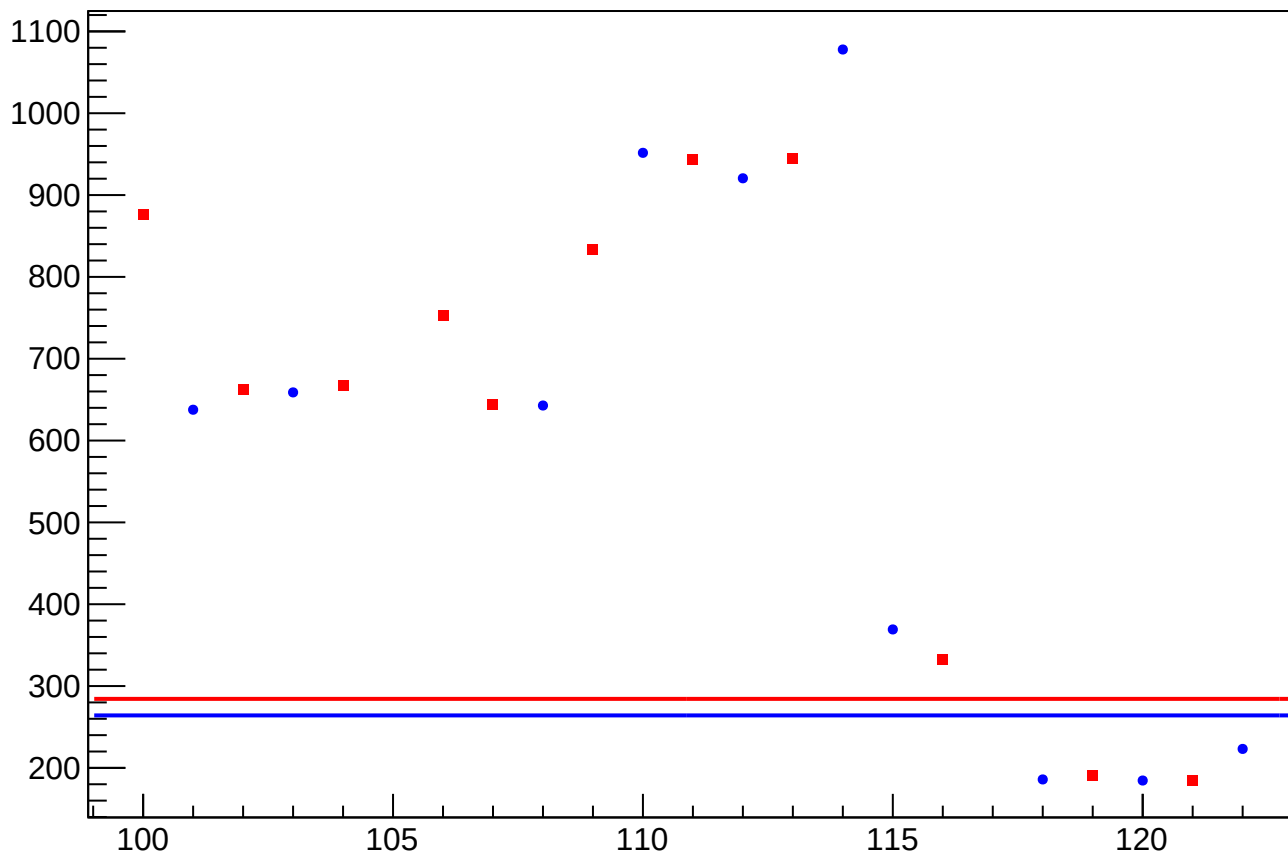
Right: 155.733 $\pm$ 114.109 χ^2 /NDF: 17.3/20

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: 155.733 $\pm$ 114.109 χ^2 /NDF: 17.3/20

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: 284.335+/-0.117 χ^2/NDF : 3136491.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

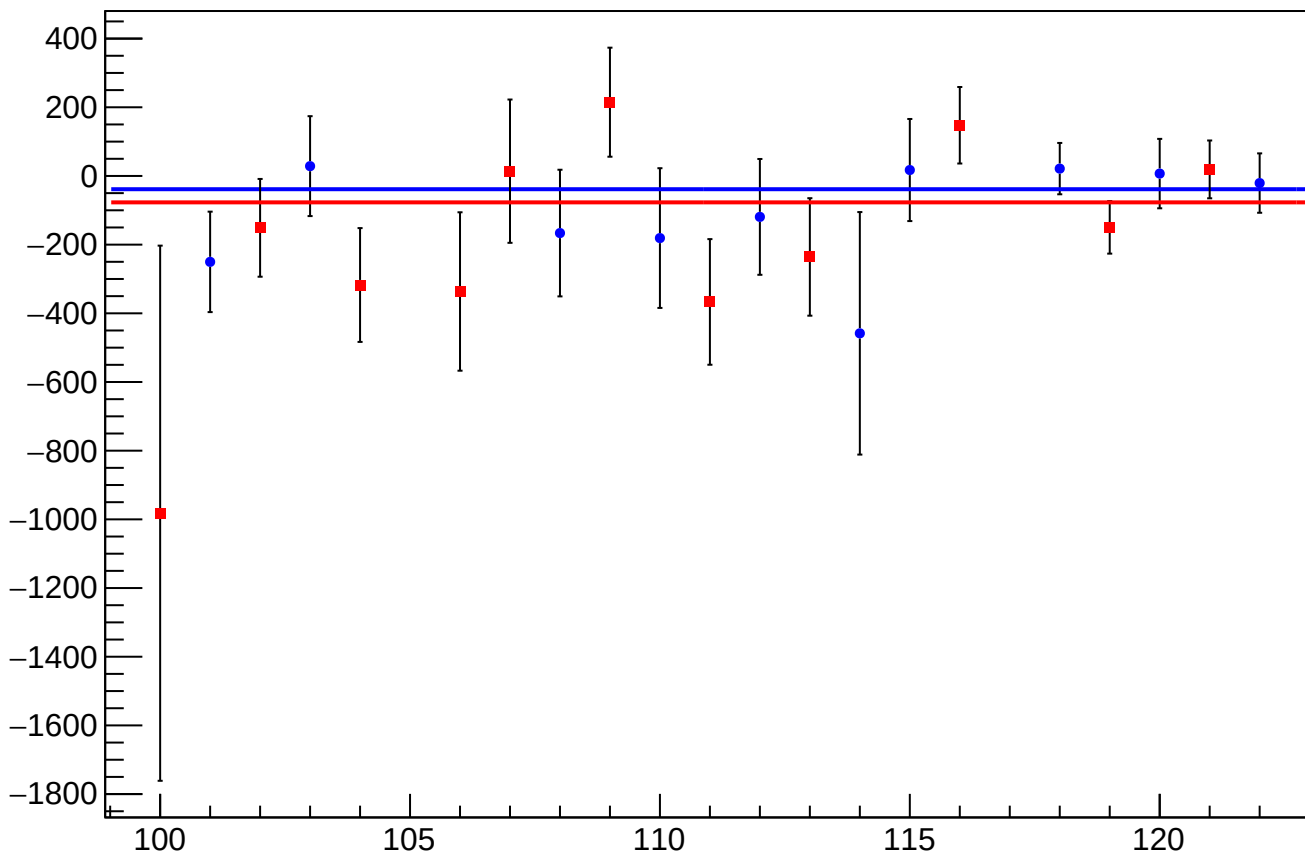
Right: 273.743+/-0.081 χ^2/NDF : 5714274.9/20

In: 264.124+/-0.111 χ^2/NDF :2562134.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 273.743+/-0.081 χ^2/NDF : 5714274.9/20

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -38.596 $\pm$ 39.326 χ^2 /NDF: 5.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -76.918 $\pm$ 39.986 χ^2 /NDF: 18.2/10

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

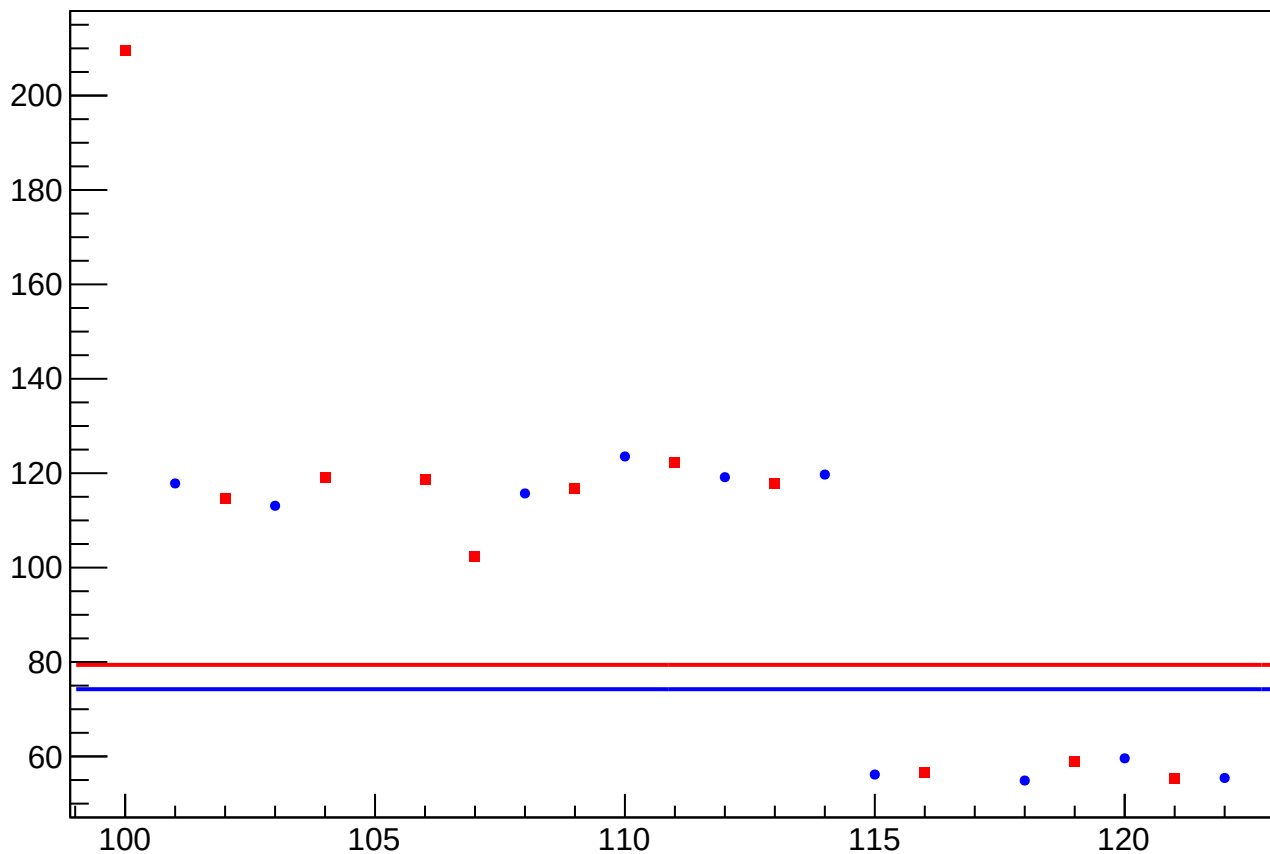
Right: -57.438 $\pm$ 28.038 χ^2 /NDF: 24.6/20

In: -38.596 $\pm$ 39.326 χ^2 /NDF:5.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.438 $\pm$ 28.038 χ^2 /NDF: 24.6/20

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 74.242 $\pm$ 0.028 χ^2 /NDF: 1014302.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 79.395 $\pm$ 0.028 χ^2 /NDF: 1084455.6/10

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

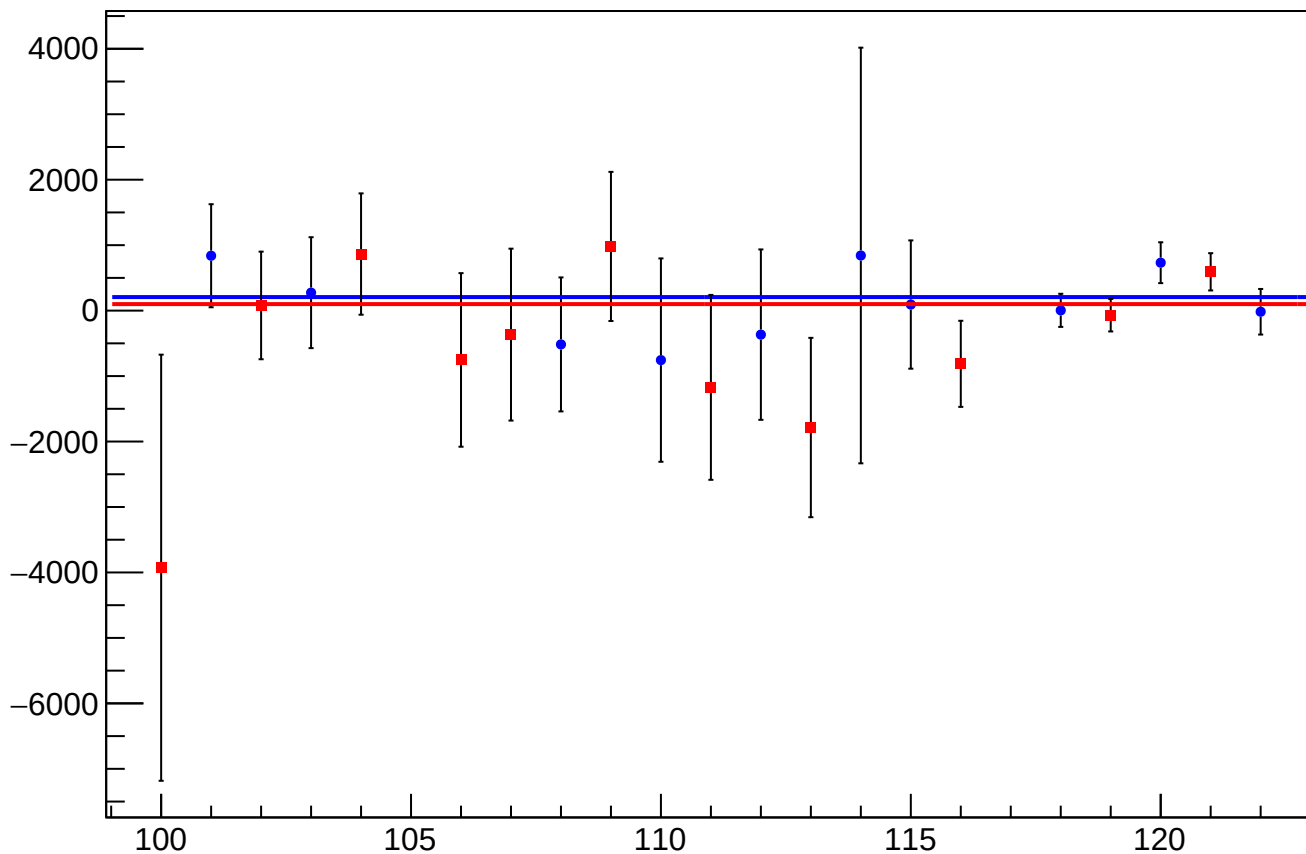
Right: 76.775 $\pm$ 0.020 χ^2 /NDF: 2115642.2/20

In: 74.242 $\pm$ 0.028 χ^2 /NDF:1014302.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.775 $\pm$ 0.020 χ^2 /NDF: 2115642.2/20

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: 99.428 $\pm$ 165.401 χ^2 /NDF: 11.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

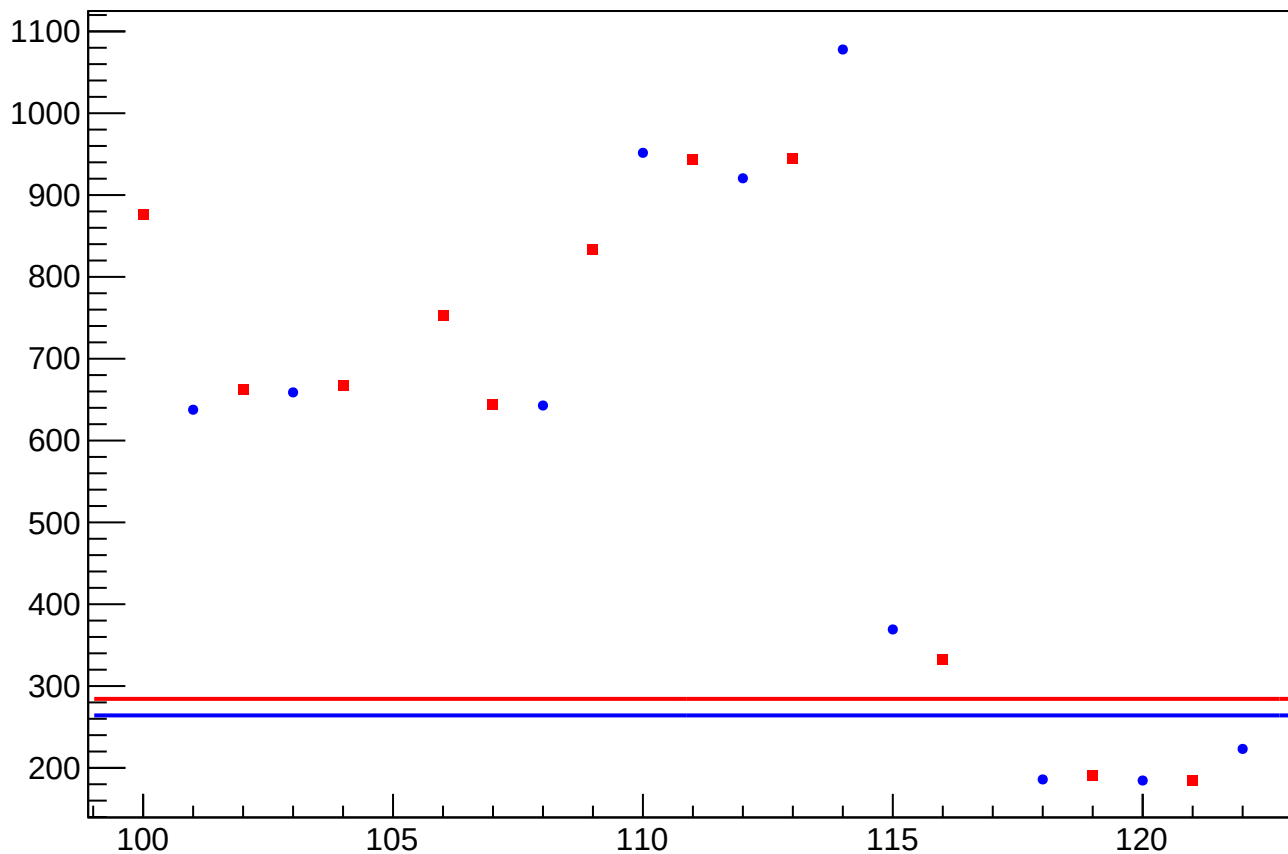
Right: 155.731 $\pm$ 114.109 χ^2 /NDF: 17.3/20

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: 155.731 $\pm$ 114.109 χ^2 /NDF: 17.3/20

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: 284.335+/-0.117 χ^2/NDF : 3136478.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

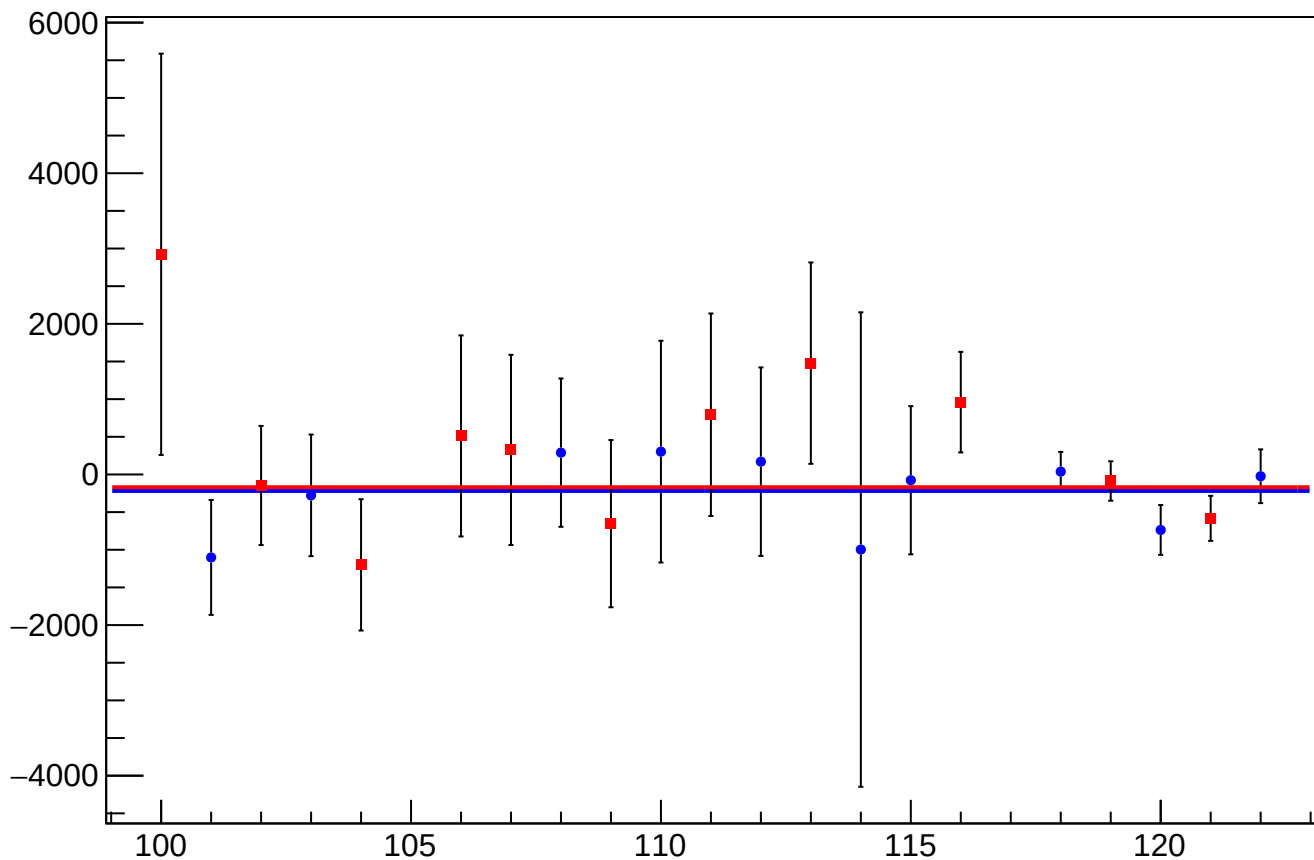
Right: 273.744+/-0.081 χ^2/NDF : 5714258.5/20

In: 264.124+/-0.111 χ^2/NDF :2562130.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 273.744+/-0.081 χ^2/NDF : 5714258.5/20

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: -169.713+/-171.005 χ^2/NDF : 10.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

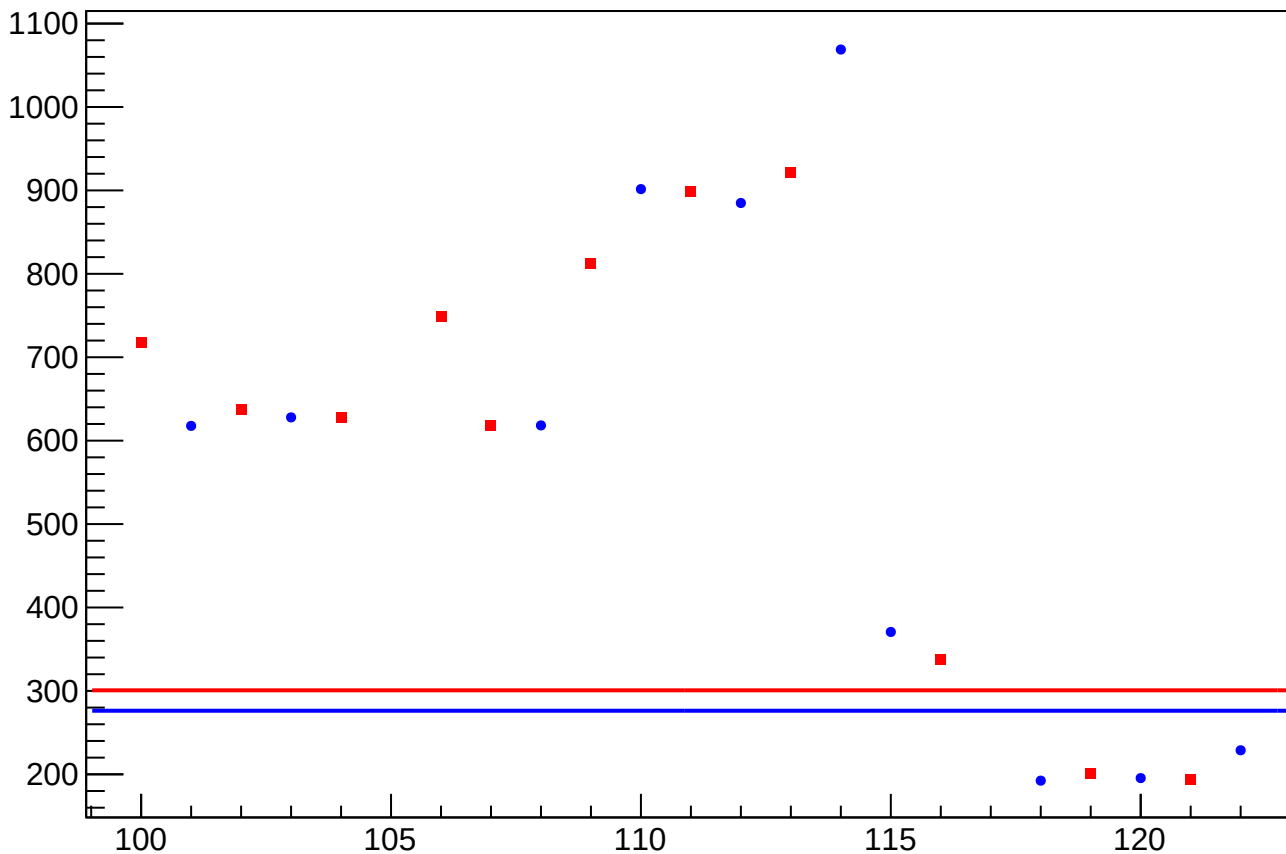
Right: -195.494+/-117.605 χ^2/NDF : 15.9/20

In: -218.630+/-161.999 χ^2/NDF :5.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -195.494+/-117.605 χ^2/NDF : 15.9/20

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: 300.708+/-0.121 χ^2/NDF : 2848110.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

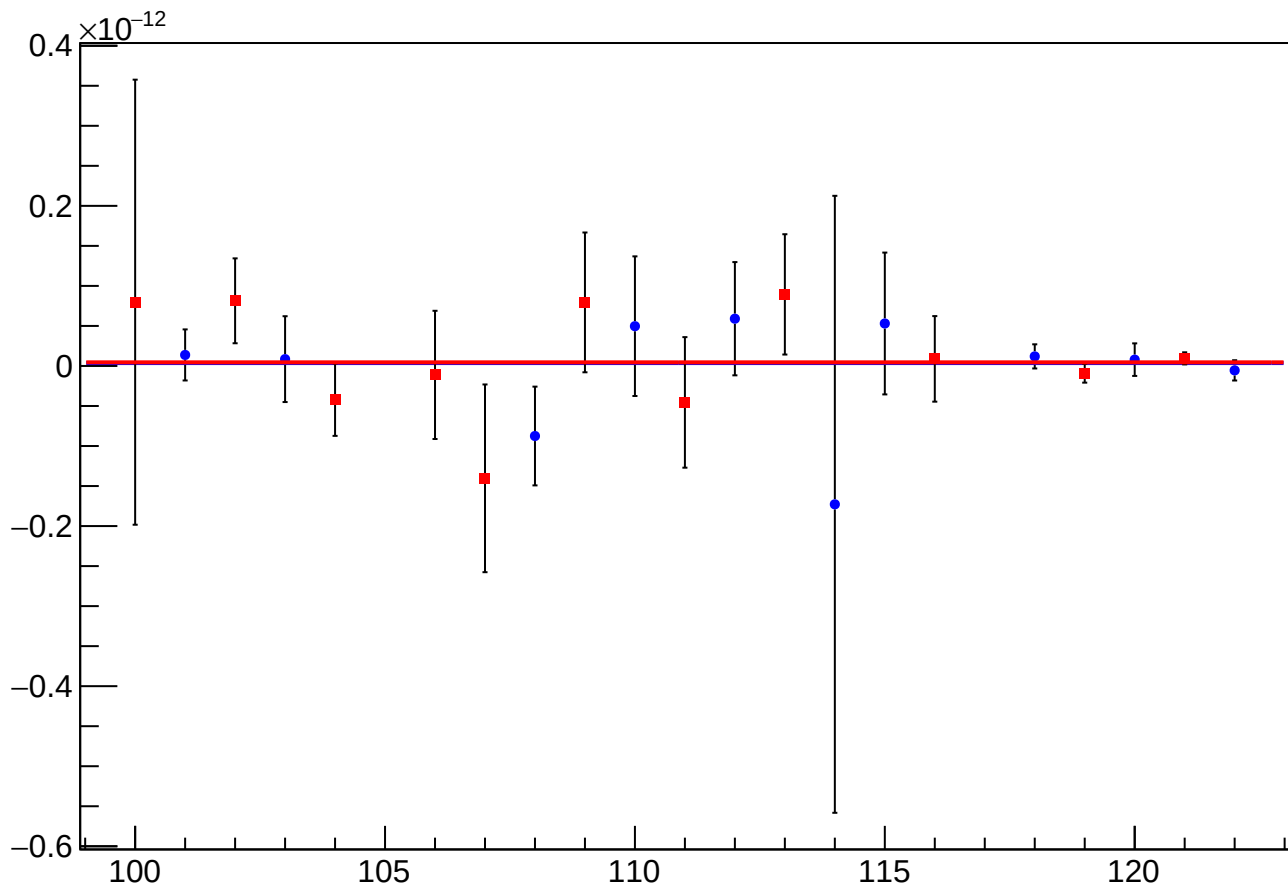
Right: 287.814+/-0.083 χ^2/NDF : 5229564.4/20

In: 276.241+/-0.115 χ^2/NDF : 2359876.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.814+/-0.083 χ^2/NDF : 5229564.4/20

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 : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

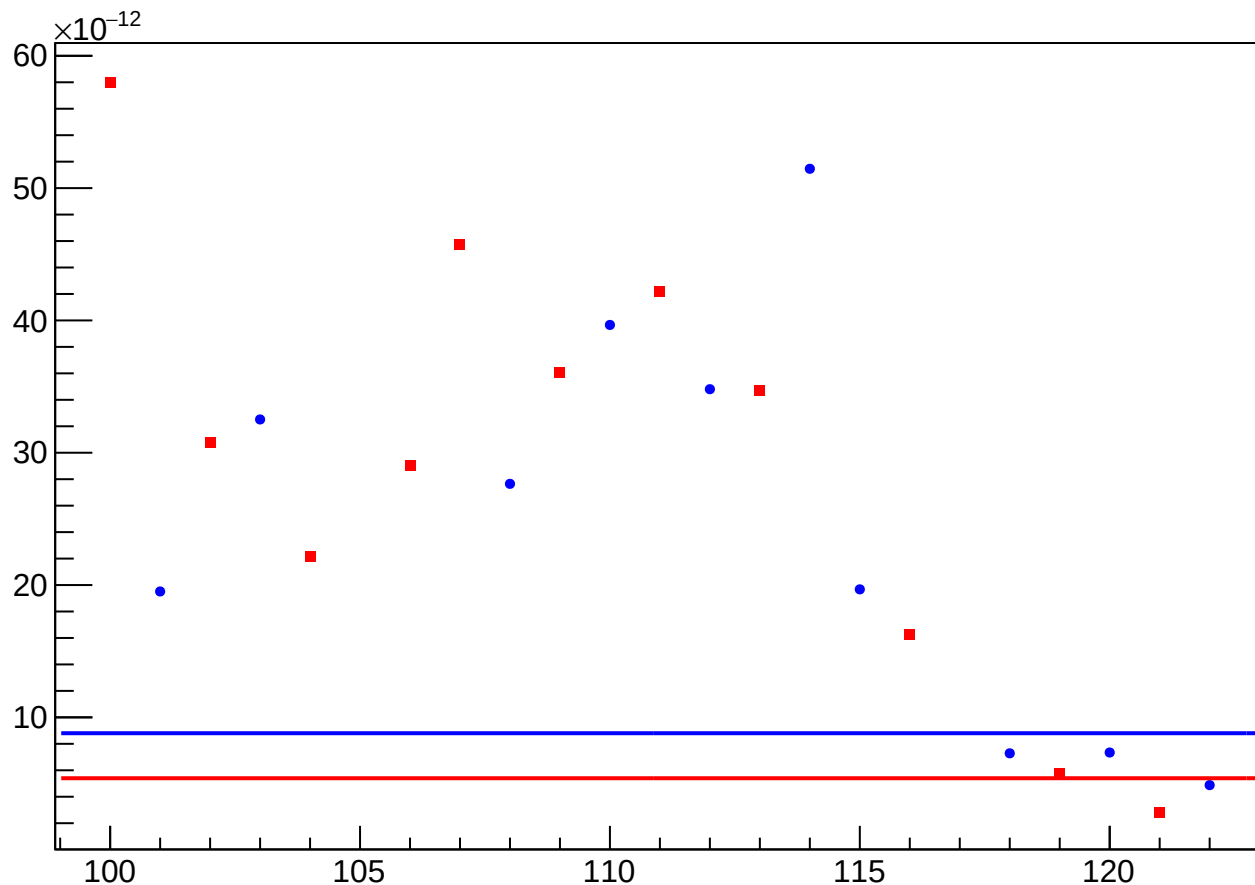
Right: 0.000+/-0.000 χ^2/NDF : 13.6/20

In: 0.000+/-0.000 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.6/20

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 : 2495530.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

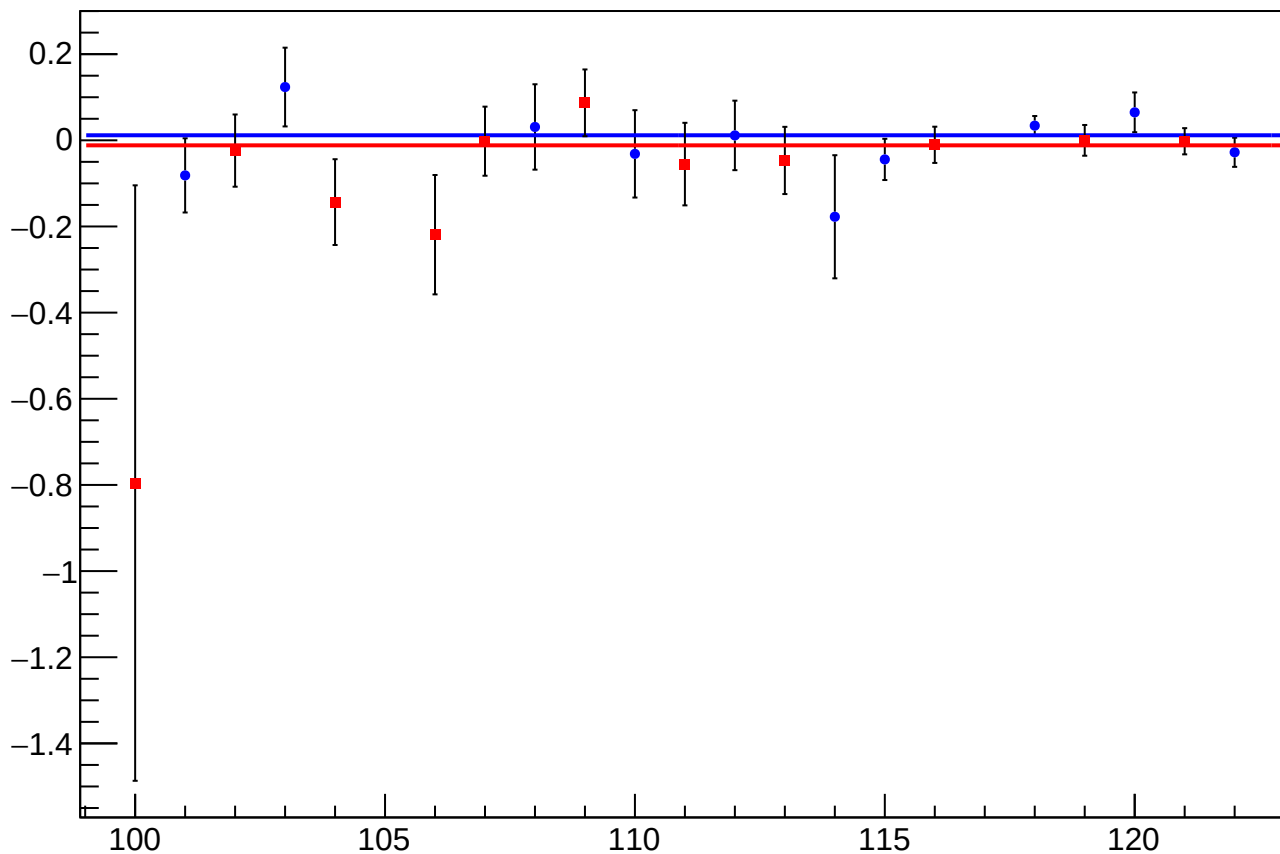
Right: 0.000+/-0.000 χ^2/NDF : 4320181.3/20

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 : 4320181.3/20

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: -0.012 $\pm$ 0.017 χ^2 /NDF: 7.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

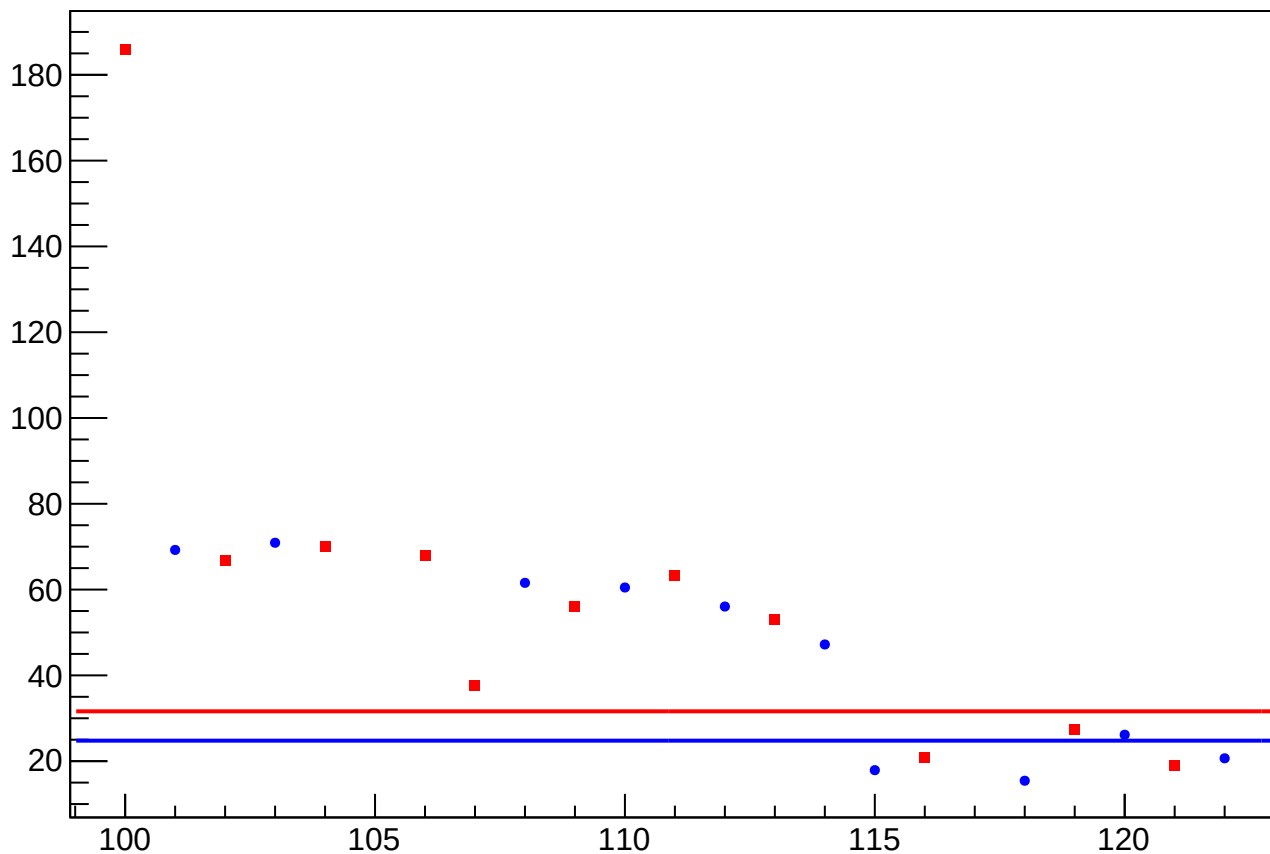
Right: 0.002 $\pm$ 0.011 χ^2 /NDF: 18.3/20

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: 18.3/20

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: 31.618+/-0.012 χ^2/NDF : 1963899.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

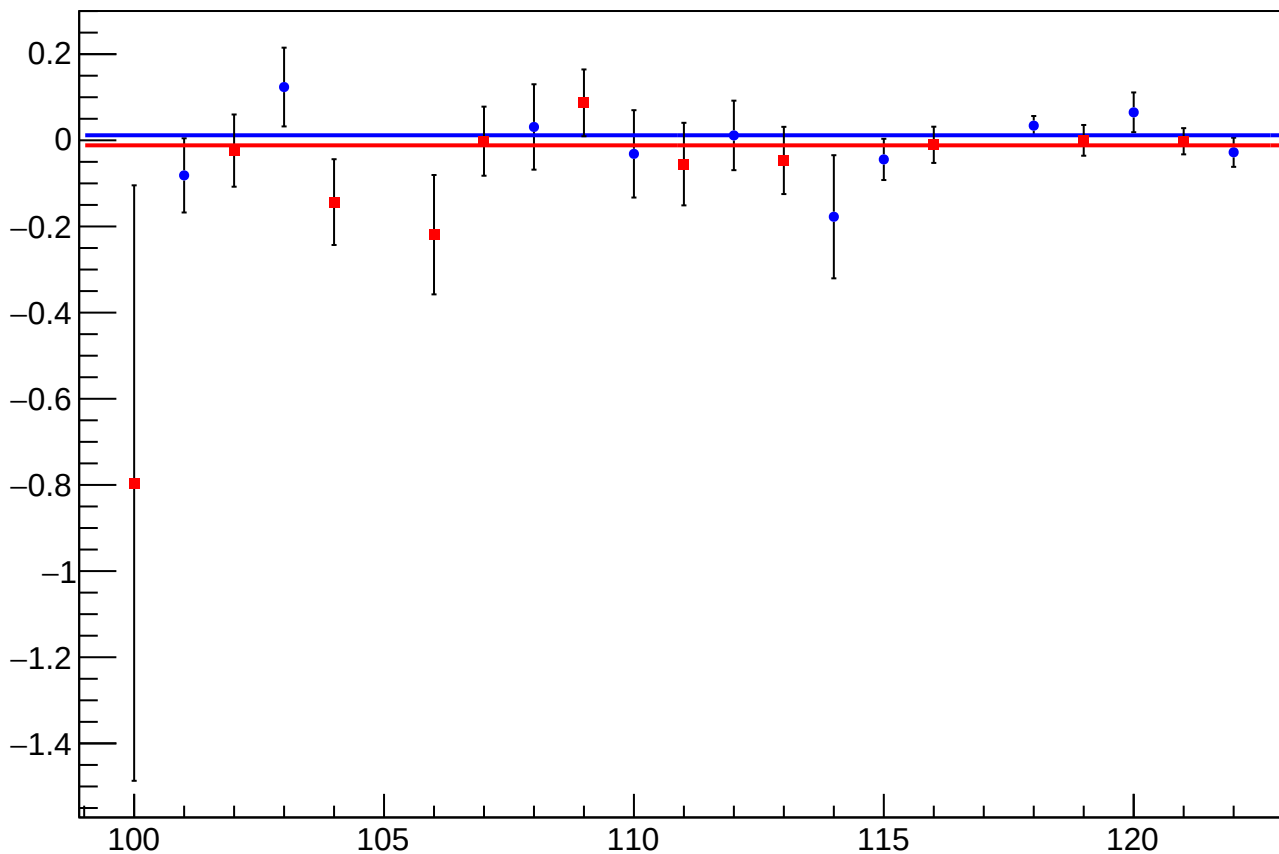
Right: 27.708+/-0.008 χ^2/NDF : 4479194.0/20

In: 24.778+/-0.011 χ^2/NDF : 2337541.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.708+/-0.008 χ^2/NDF : 4479194.0/20

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: -0.012 $\pm$ 0.017 χ^2 /NDF: 7.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

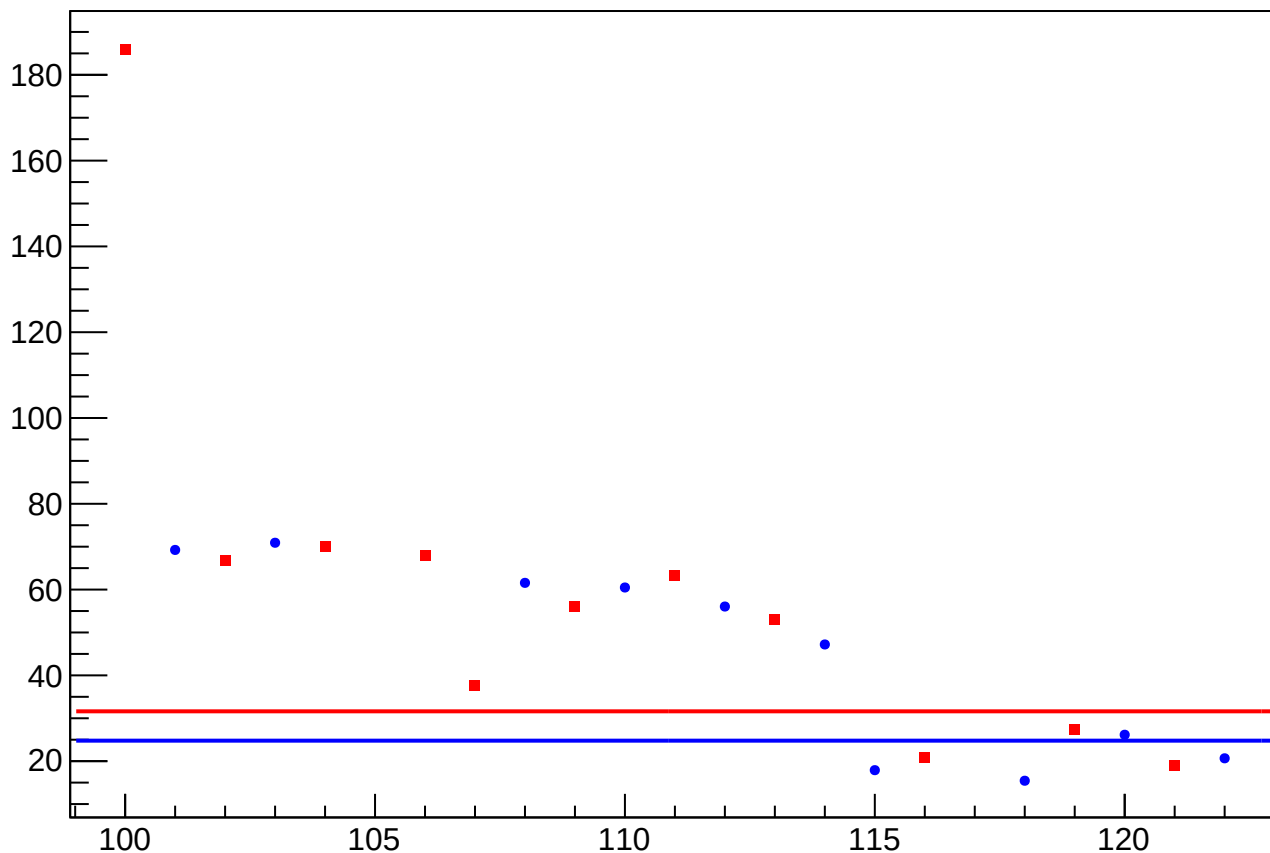
Right: 0.002 $\pm$ 0.011 χ^2 /NDF: 18.3/20

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: 18.3/20

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: 31.618+/-0.012 χ^2/NDF : 1963899.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

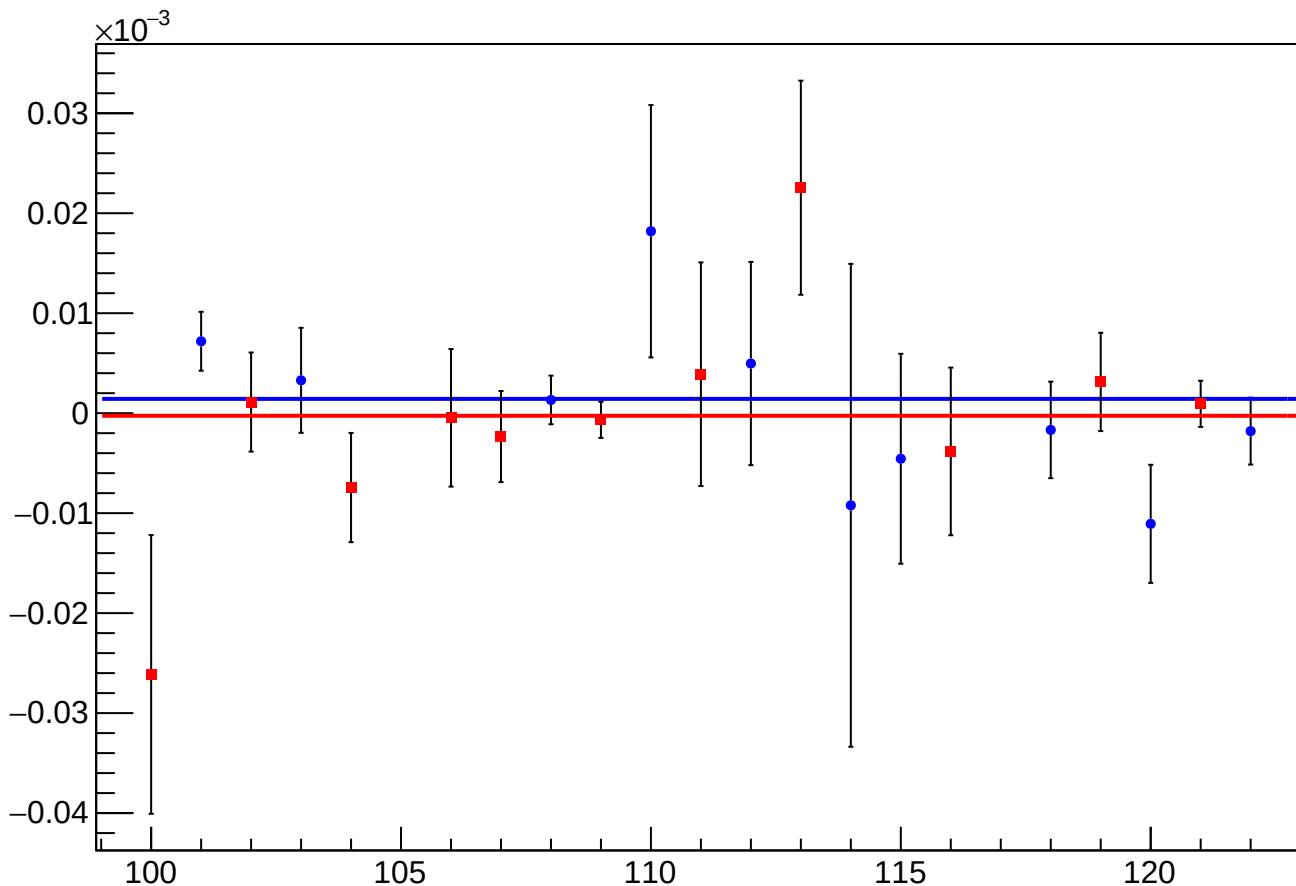
Right: 27.708+/-0.008 χ^2/NDF : 4479194.0/20

In: 24.778+/-0.011 χ^2/NDF : 2337541.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.708+/-0.008 χ^2/NDF : 4479194.0/20

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 : 11.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

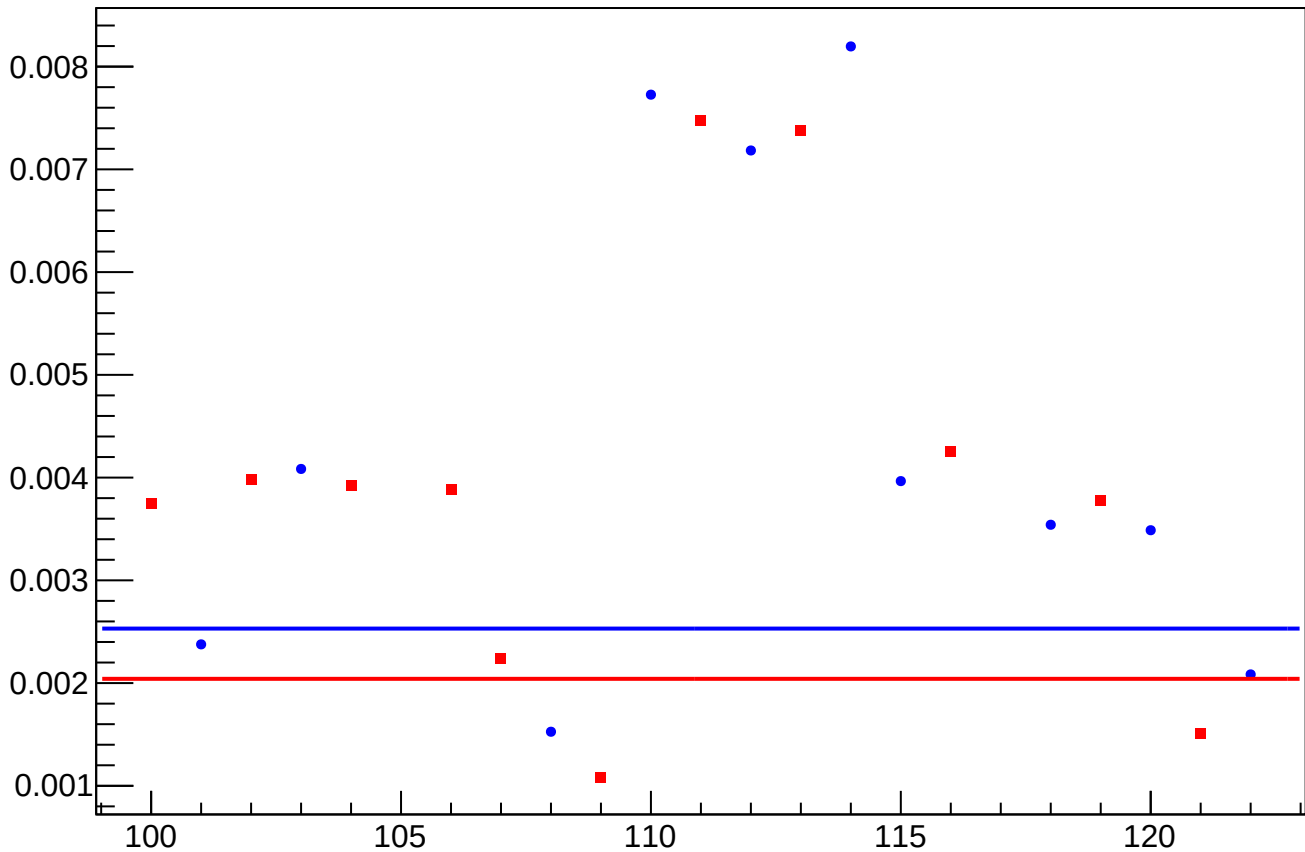
Right: 0.000+/-0.000 χ^2/NDF : 24.1/20

In: 0.000+/-0.000 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.1/20

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 : 2748222.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

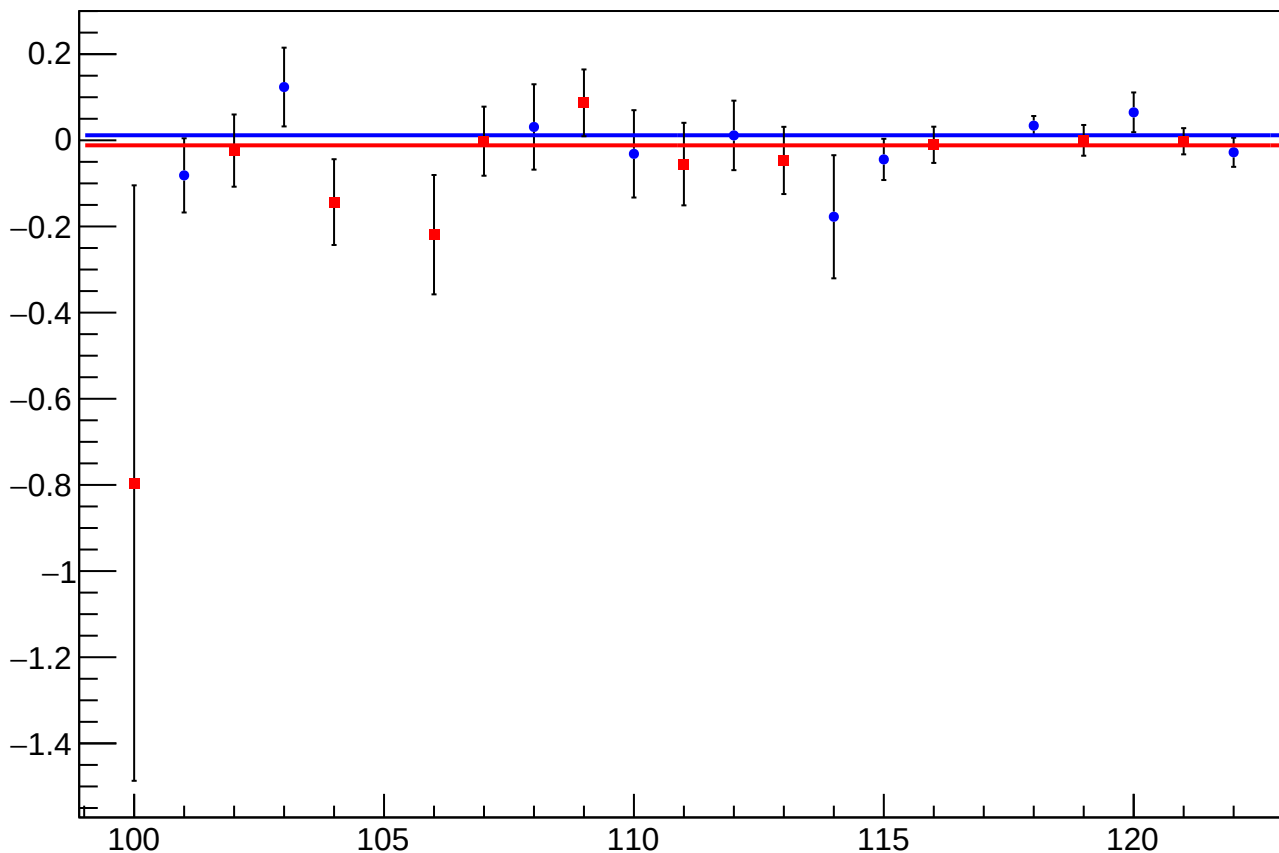
Right: 0.002+/-0.000 χ^2/NDF : 4493722.2/20

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 : 4493722.2/20

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: -0.012 $\pm$ 0.017 χ^2 /NDF: 7.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

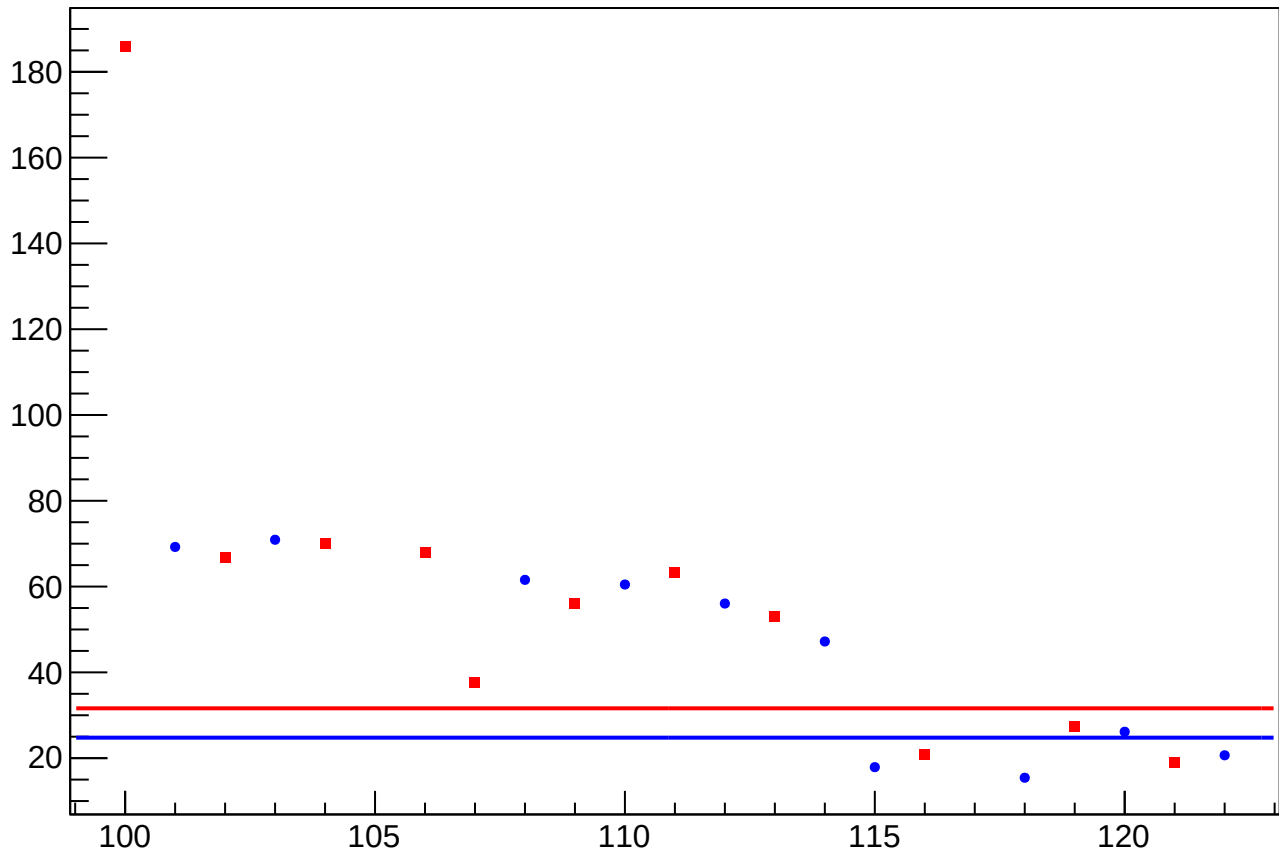
Right: 0.002 $\pm$ 0.011 χ^2 /NDF: 18.3/20

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: 18.3/20

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: 31.618+/-0.012 χ^2/NDF : 1963727.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

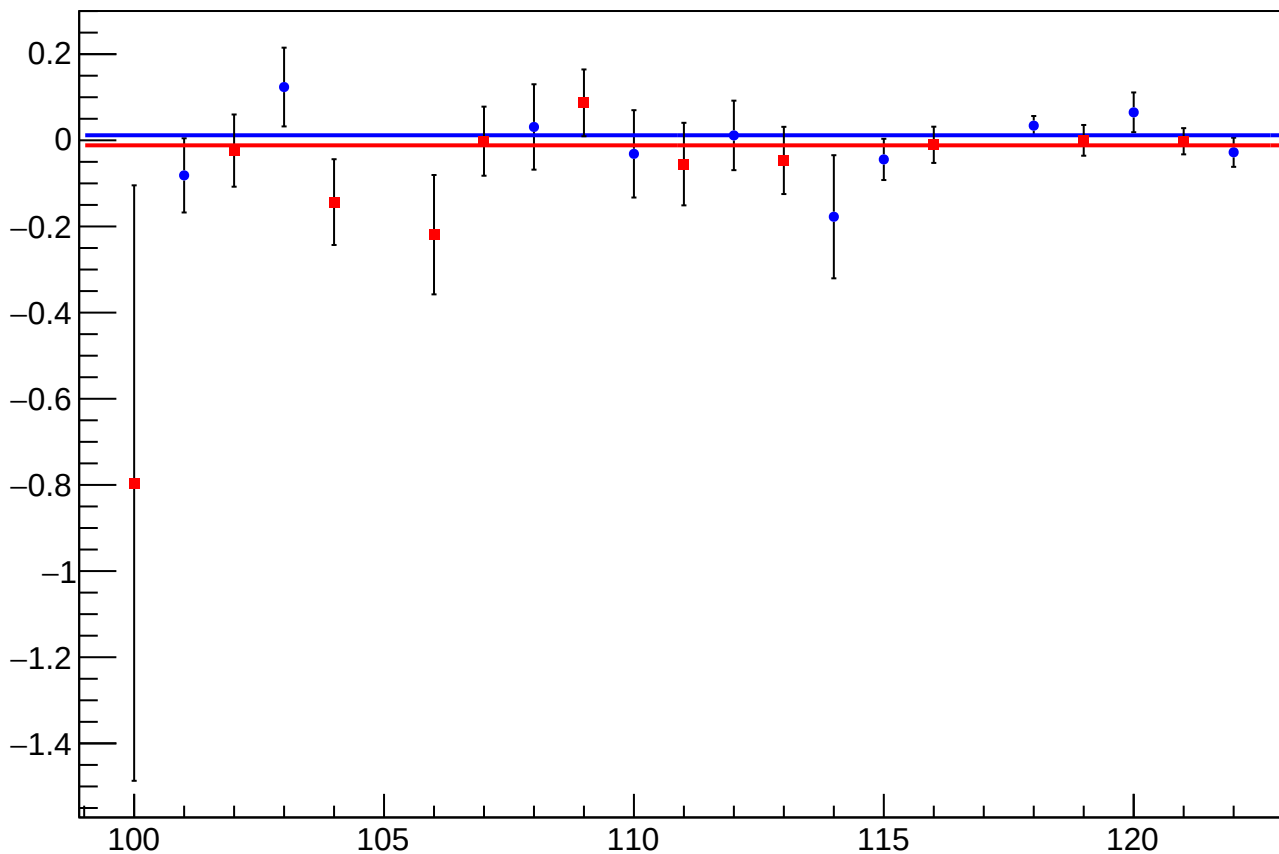
Right: 27.707+/-0.008 χ^2/NDF : 4479180.5/20

In: 24.777+/-0.011 χ^2/NDF : 2337609.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.707+/-0.008 χ^2/NDF : 4479180.5/20

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: -0.012 $\pm$ 0.017 χ^2 /NDF: 7.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

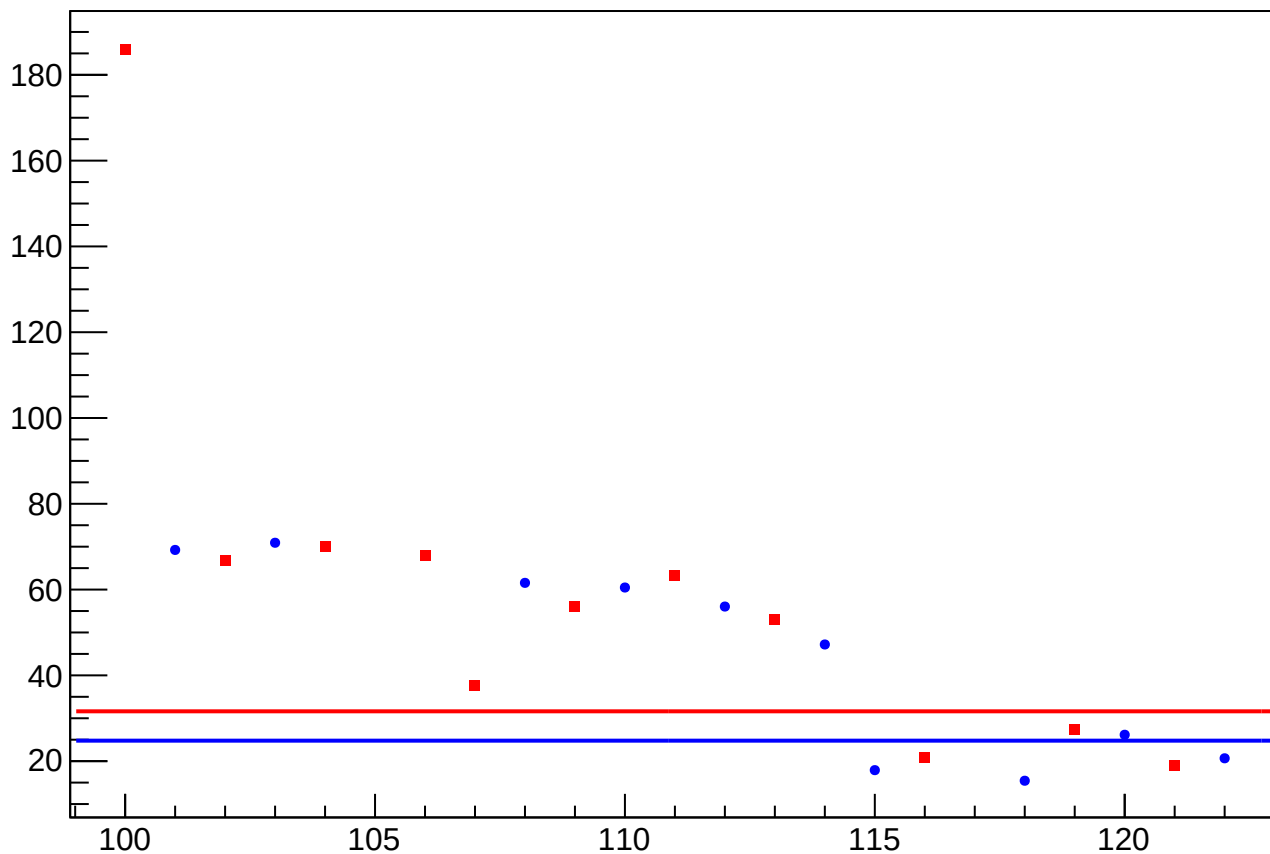
Right: 0.002 $\pm$ 0.011 χ^2 /NDF: 18.3/20

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: 18.3/20

asym_sam_37_26_dd_eigen_dit_vs_eigen_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: 31.618+/-0.012 χ^2/NDF : 1963727.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

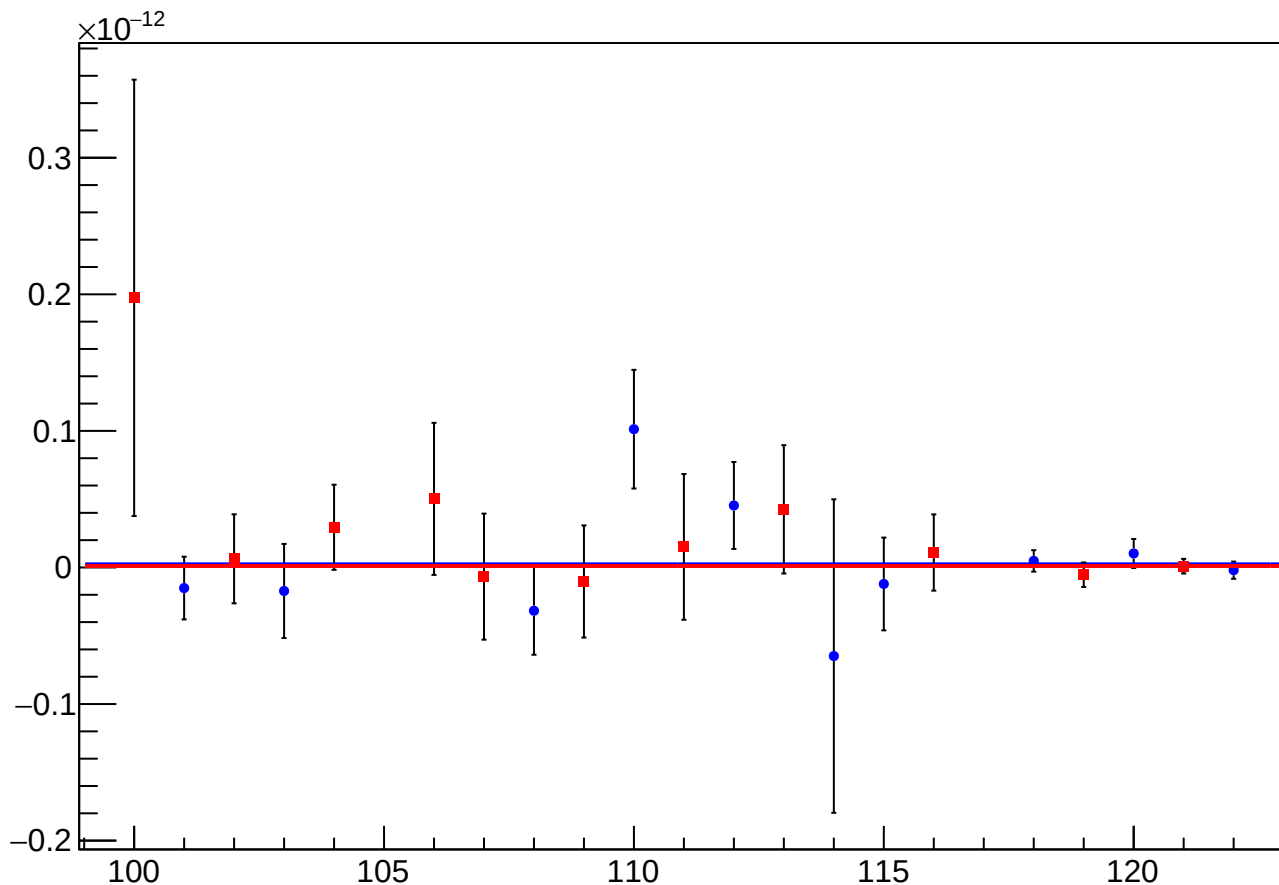
Right: 27.707+/-0.008 χ^2/NDF : 4479180.5/20

In: 24.777+/-0.011 χ^2/NDF :2337609.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.707+/-0.008 χ^2/NDF : 4479180.5/20

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 : 4.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

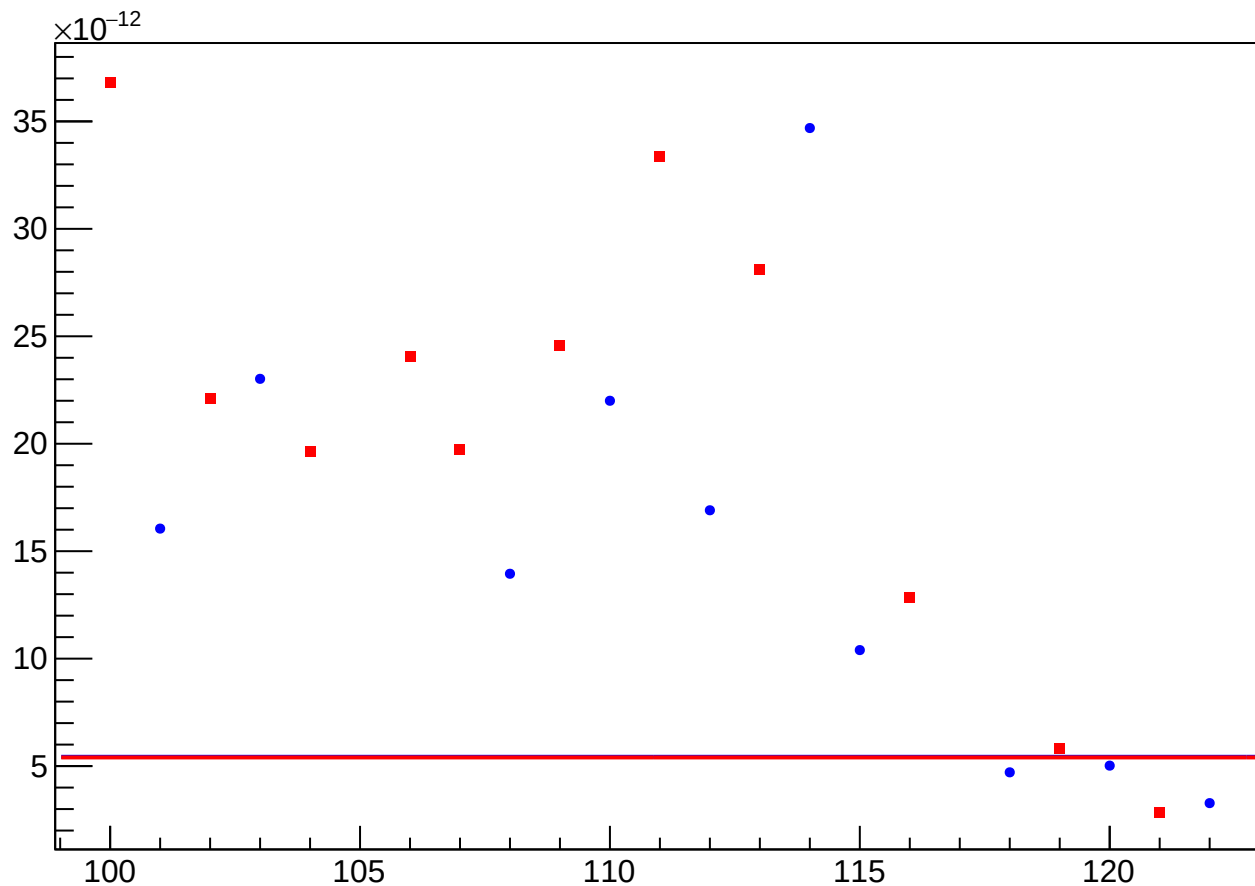
Right: 0.000+/-0.000 χ^2/NDF : 15.4/20

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 : 15.4/20

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 : 3504648.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

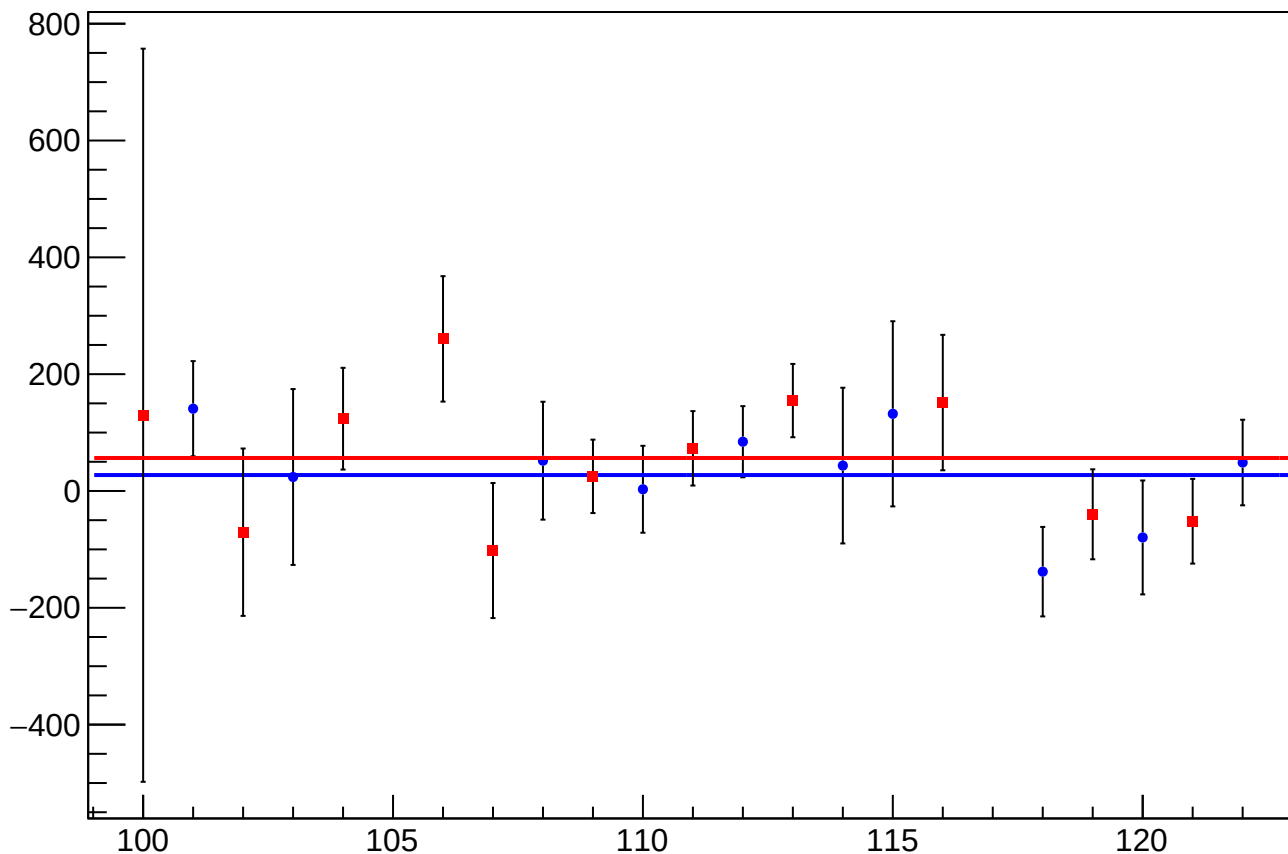
Right: 0.000+/-0.000 χ^2/NDF : 5571981.1/20

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 : 5571981.1/20

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: 56.496+/-25.557 χ^2/NDF : 14.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

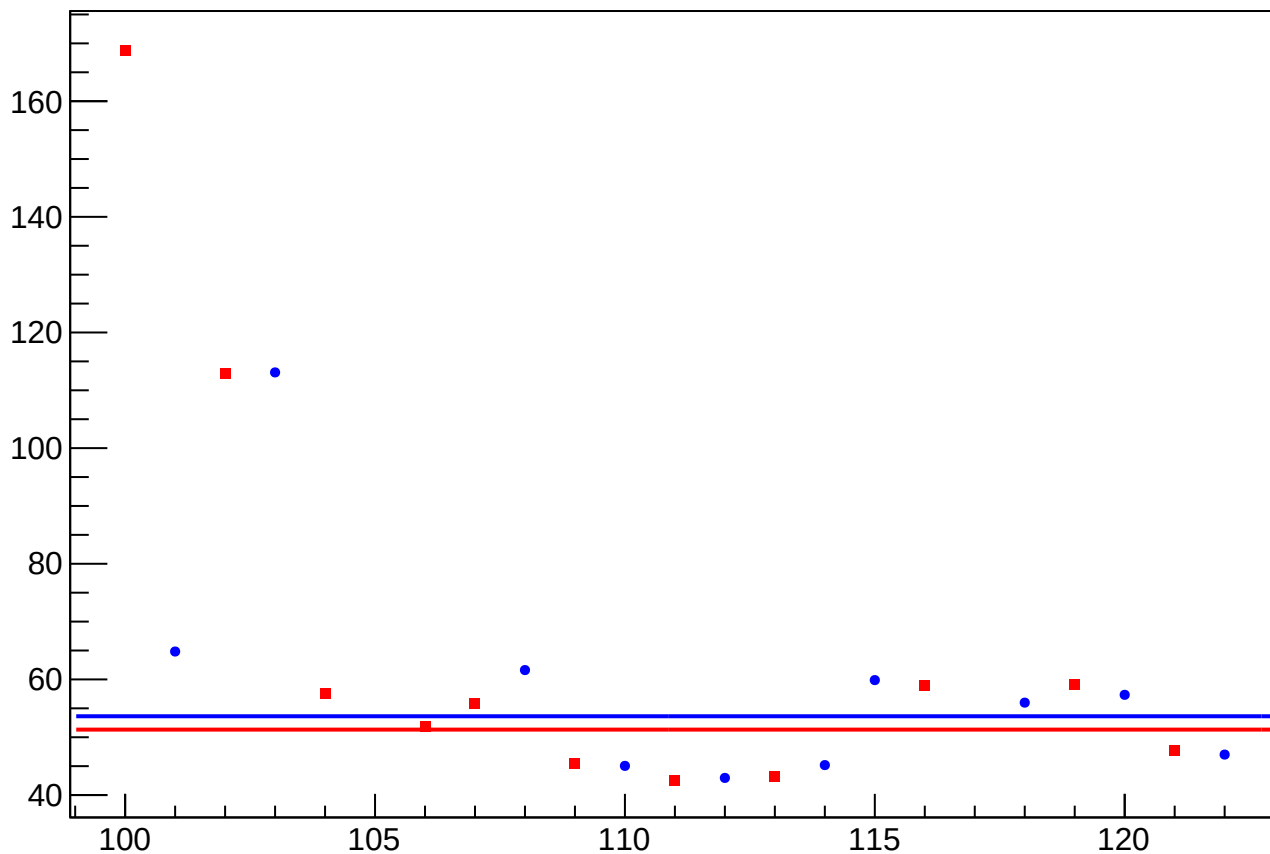
Right: 43.079+/-18.791 χ^2/NDF : 24.1/20

In: 27.291+/-27.723 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.079+/-18.791 χ^2/NDF : 24.1/20

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.629+/-0.020 χ^2/NDF : 482542.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.320+/-0.018 χ^2/NDF : 577016.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

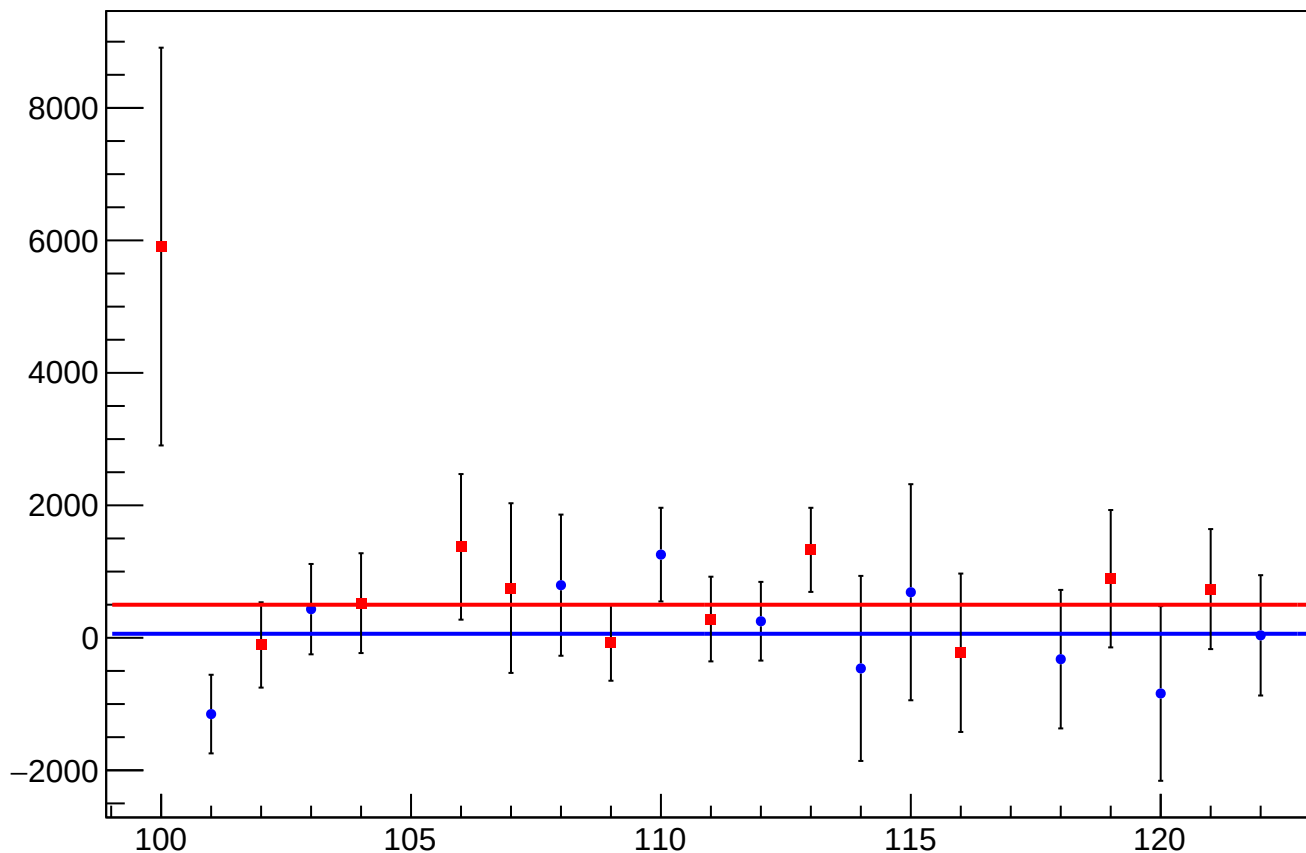
Right: 52.381+/-0.013 χ^2/NDF : 1067061.3/20

In: 53.629+/-0.020 χ^2/NDF : 482542.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.381+/-0.013 χ^2/NDF : 1067061.3/20

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: 499.358+/-246.063 χ^2/NDF : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

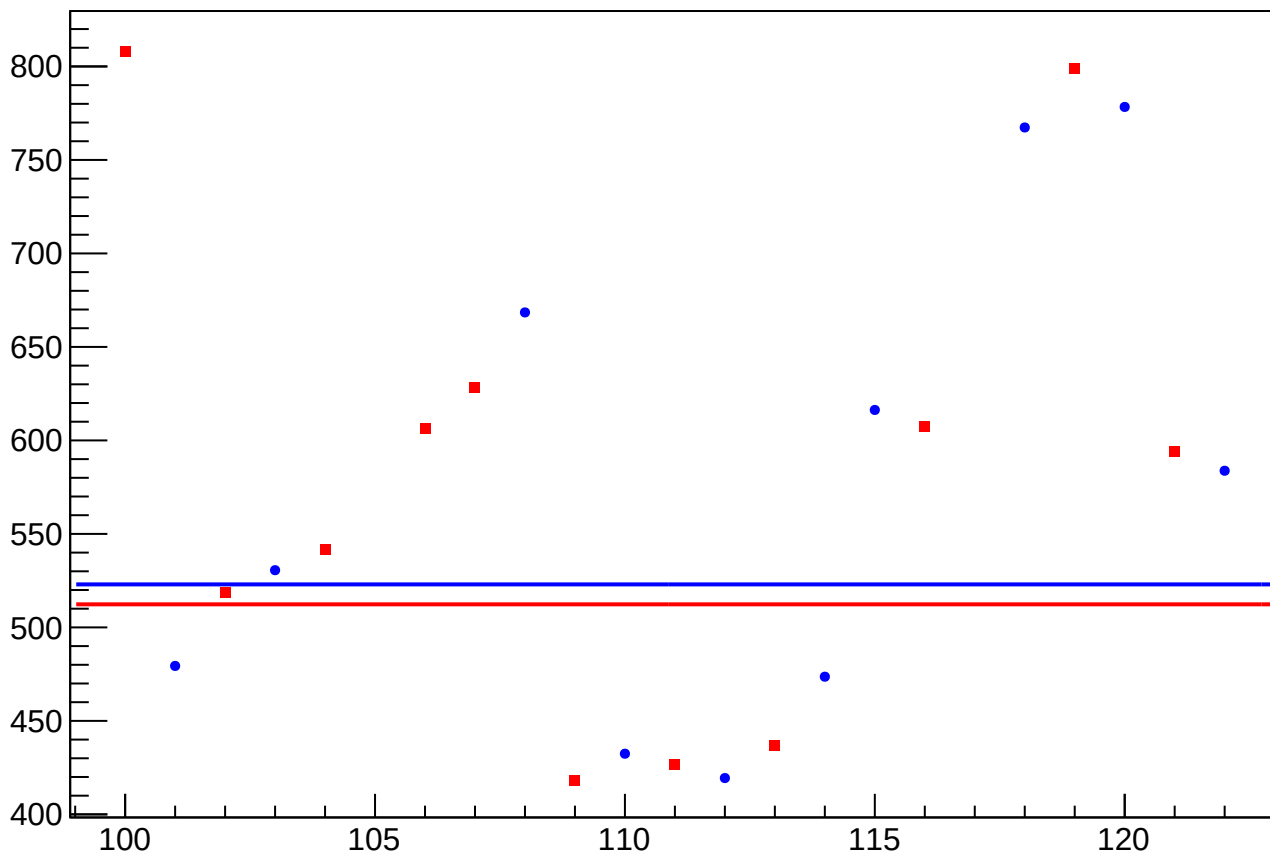
Right: 295.981+/-180.168 χ^2/NDF : 18.5/20

In: 60.930+/-264.530 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.981+/-180.168 χ^2/NDF : 18.5/20

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 523.001+/-0.187 χ^2/NDF : 344135.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.334+/-0.174 χ^2/NDF : 352633.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

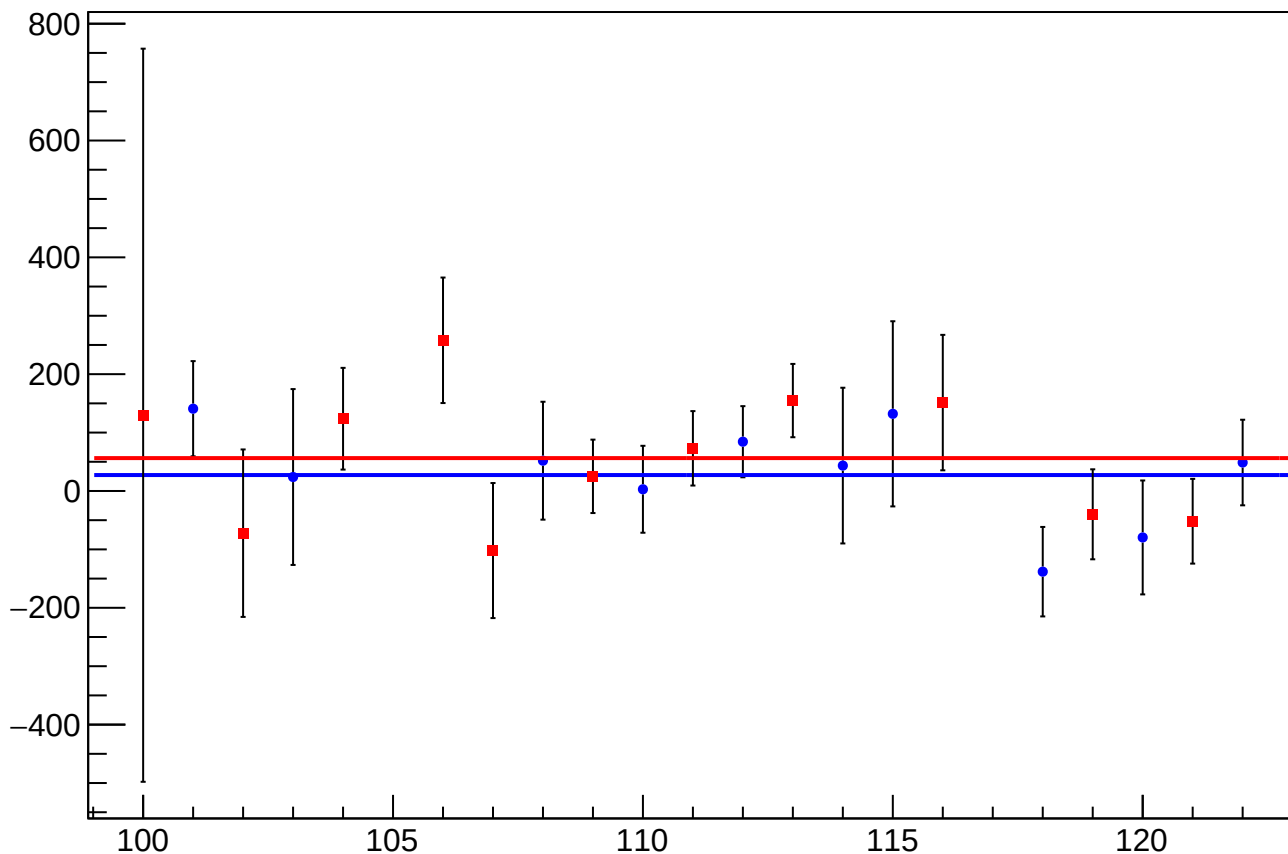
Right: 517.282+/-0.127 χ^2/NDF : 698512.4/20

In: 523.001+/-0.187 χ^2/NDF : 344135.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.282+/-0.127 χ^2/NDF : 698512.4/20

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: 56.295+/-25.559 χ^2/NDF : 14.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

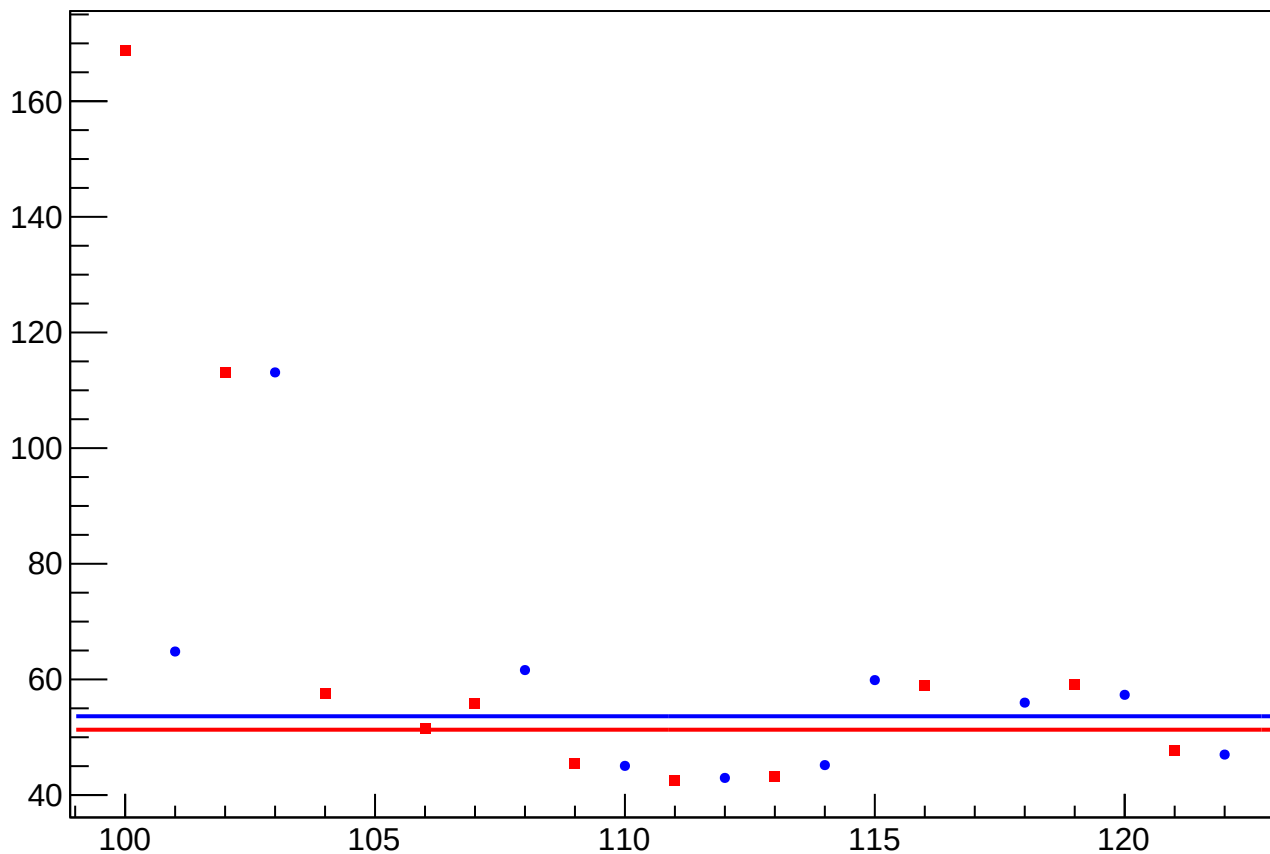
Right: 42.967+/-18.791 χ^2/NDF : 24.0/20

In: 27.286+/-27.723 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.967+/-18.791 χ^2/NDF : 24.0/20

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: 51.302+/-0.018 χ^2/NDF : 577211.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

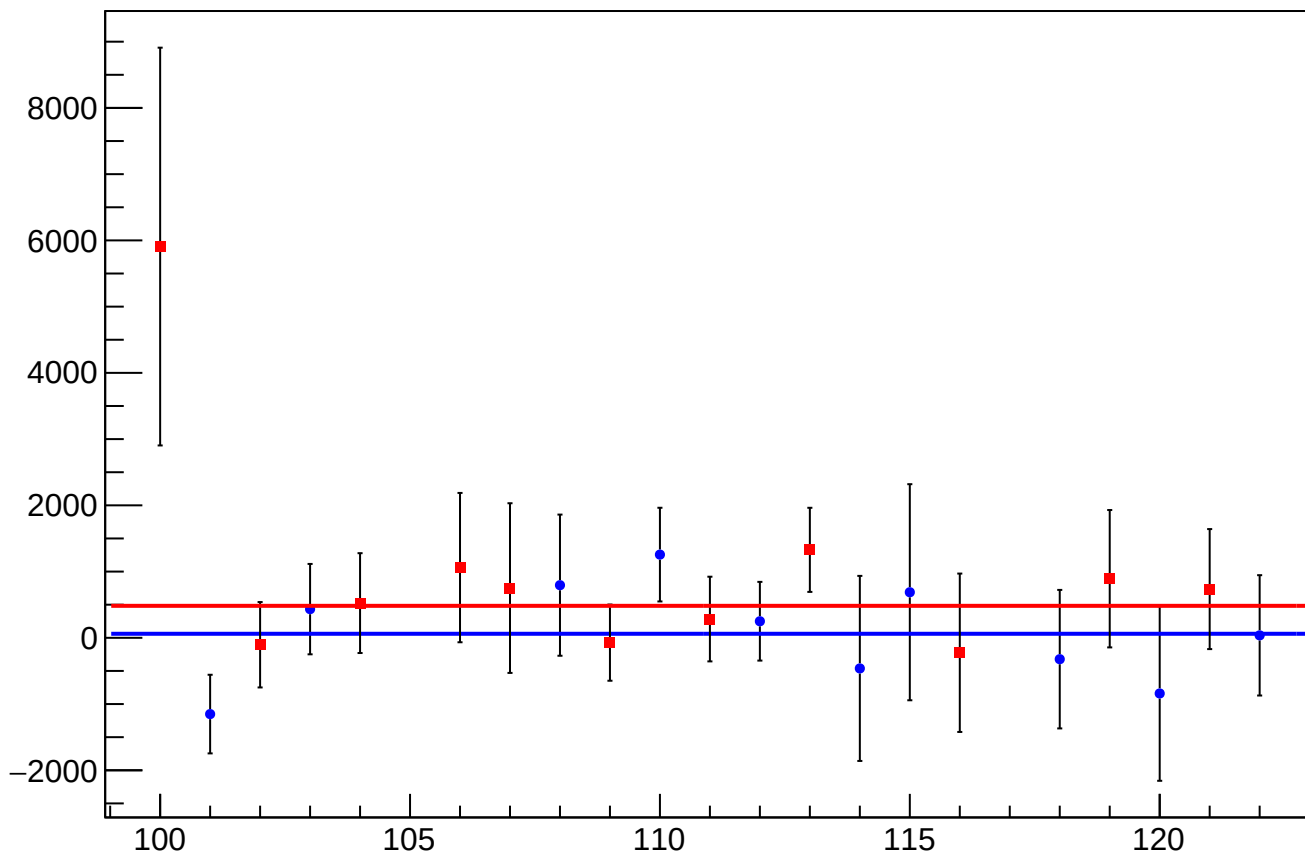
Right: 52.371+/-0.013 χ^2/NDF : 1067372.1/20

In: 53.629+/-0.020 χ^2/NDF : 482545.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.371+/-0.013 χ^2/NDF : 1067372.1/20

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: 482.920+/-246.402 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

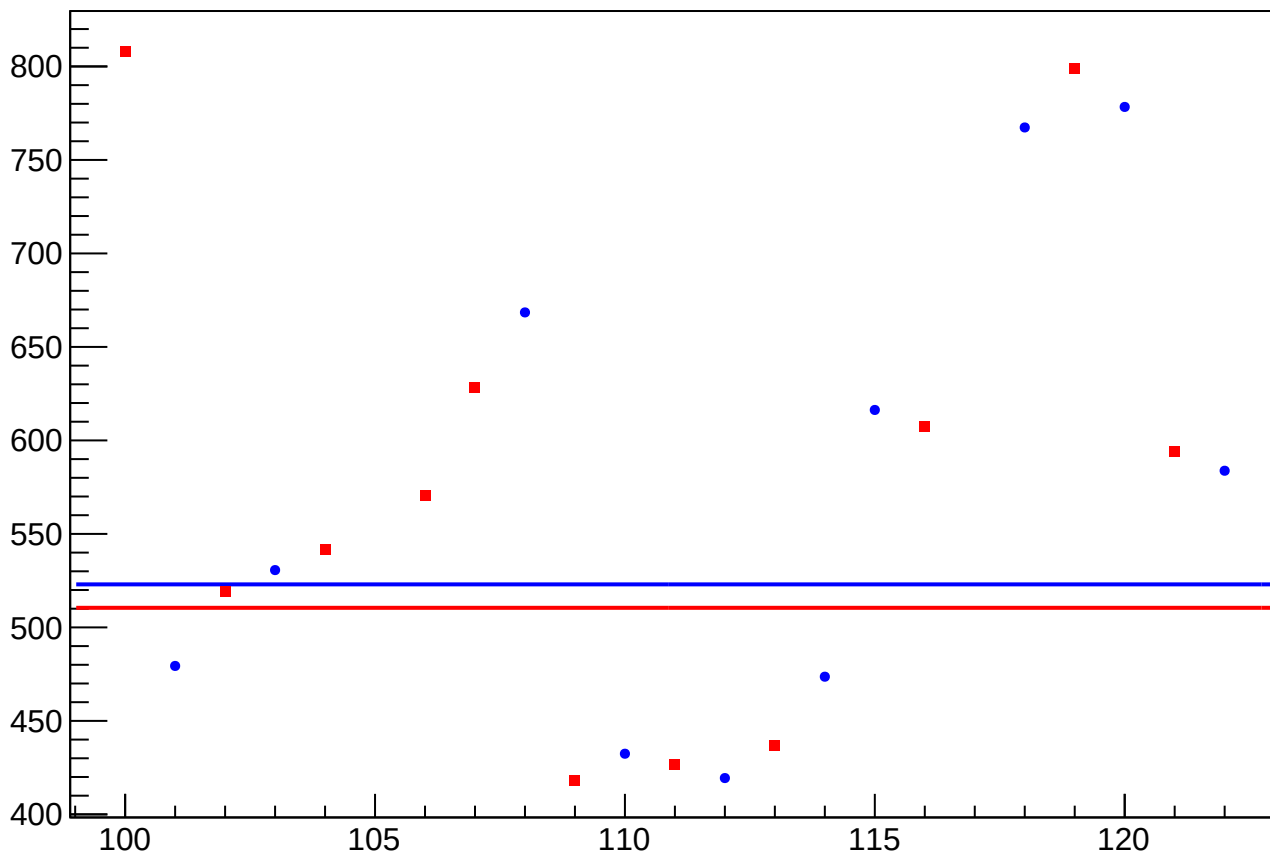
Right: 286.902+/-180.302 χ^2/NDF : 17.9/20

In: 60.973+/-264.534 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.902+/-180.302 χ^2/NDF : 17.9/20

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.010+/-0.187 χ^2/NDF : 344138.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.476+/-0.174 χ^2/NDF : 343338.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

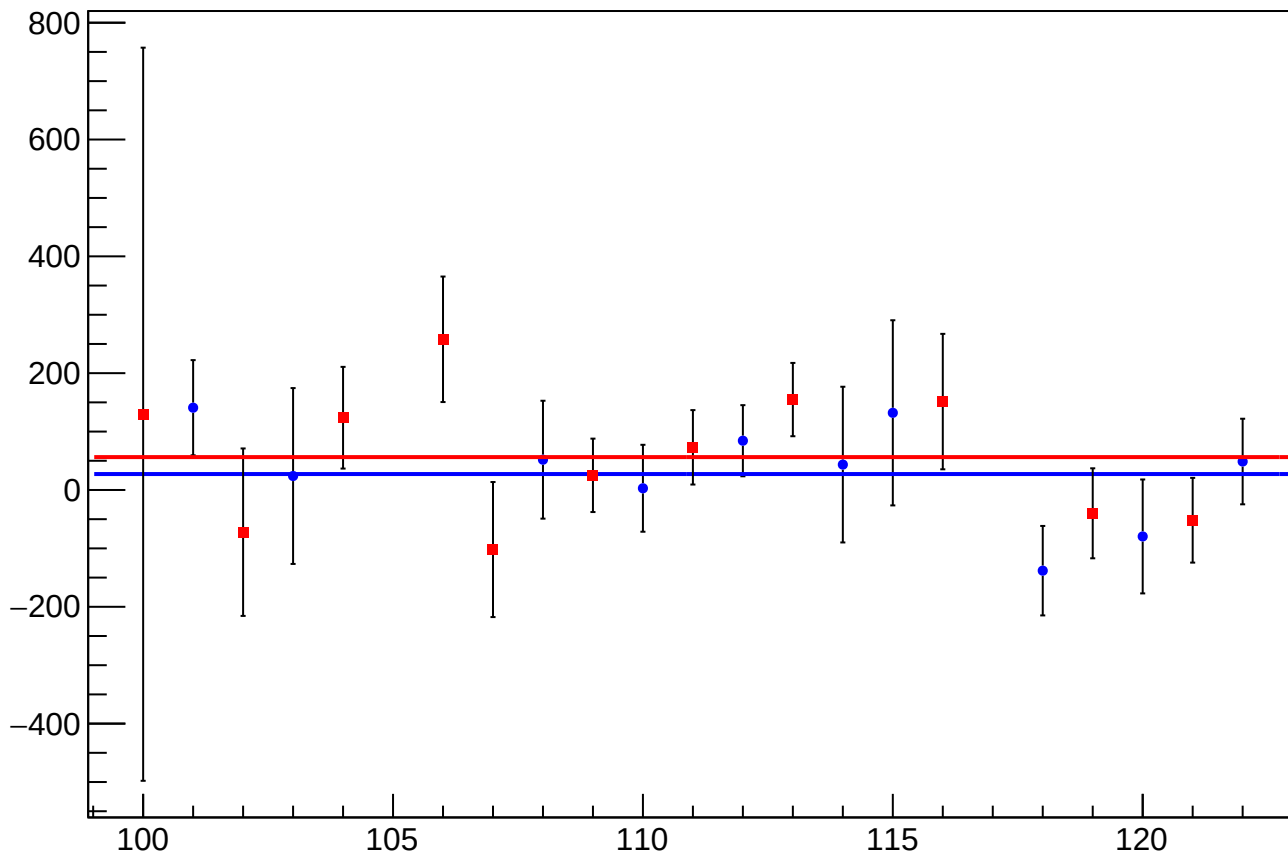
Right: 516.299+/-0.127 χ^2/NDF : 689880.5/20

In: 523.010+/-0.187 χ^2/NDF : 344138.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.299+/-0.127 χ^2/NDF : 689880.5/20

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: 56.295+/-25.559 χ^2/NDF : 14.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

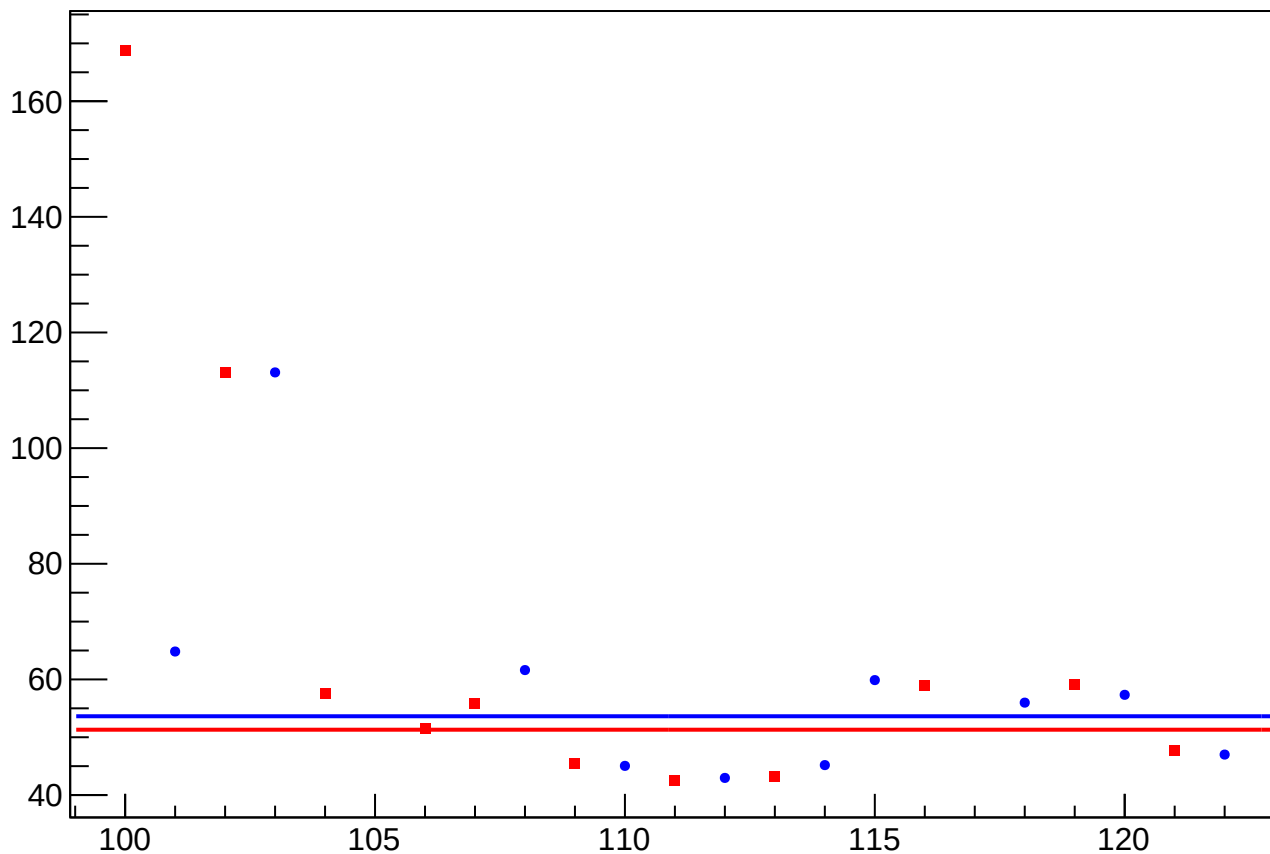
Right: 42.967+/-18.791 χ^2/NDF : 24.0/20

In: 27.286+/-27.723 χ^2/NDF :9.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 42.967+/-18.791 χ^2/NDF : 24.0/20

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: 51.302+/-0.018 χ^2/NDF : 577211.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

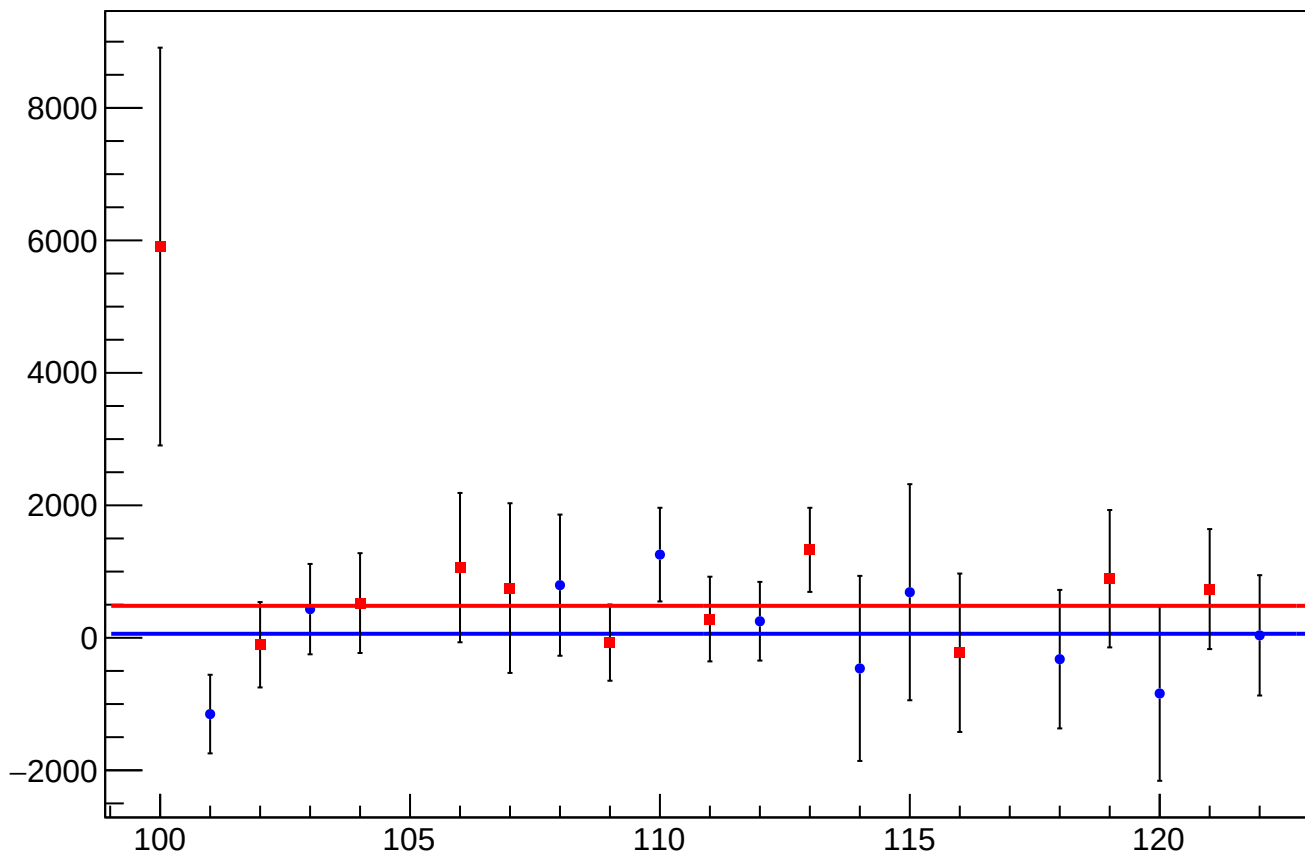
Right: 52.371+/-0.013 χ^2/NDF : 1067372.1/20

In: 53.629+/-0.020 χ^2/NDF : 482545.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.371+/-0.013 χ^2/NDF : 1067372.1/20

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: 482.920+/-246.402 χ^2/NDF : 7.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

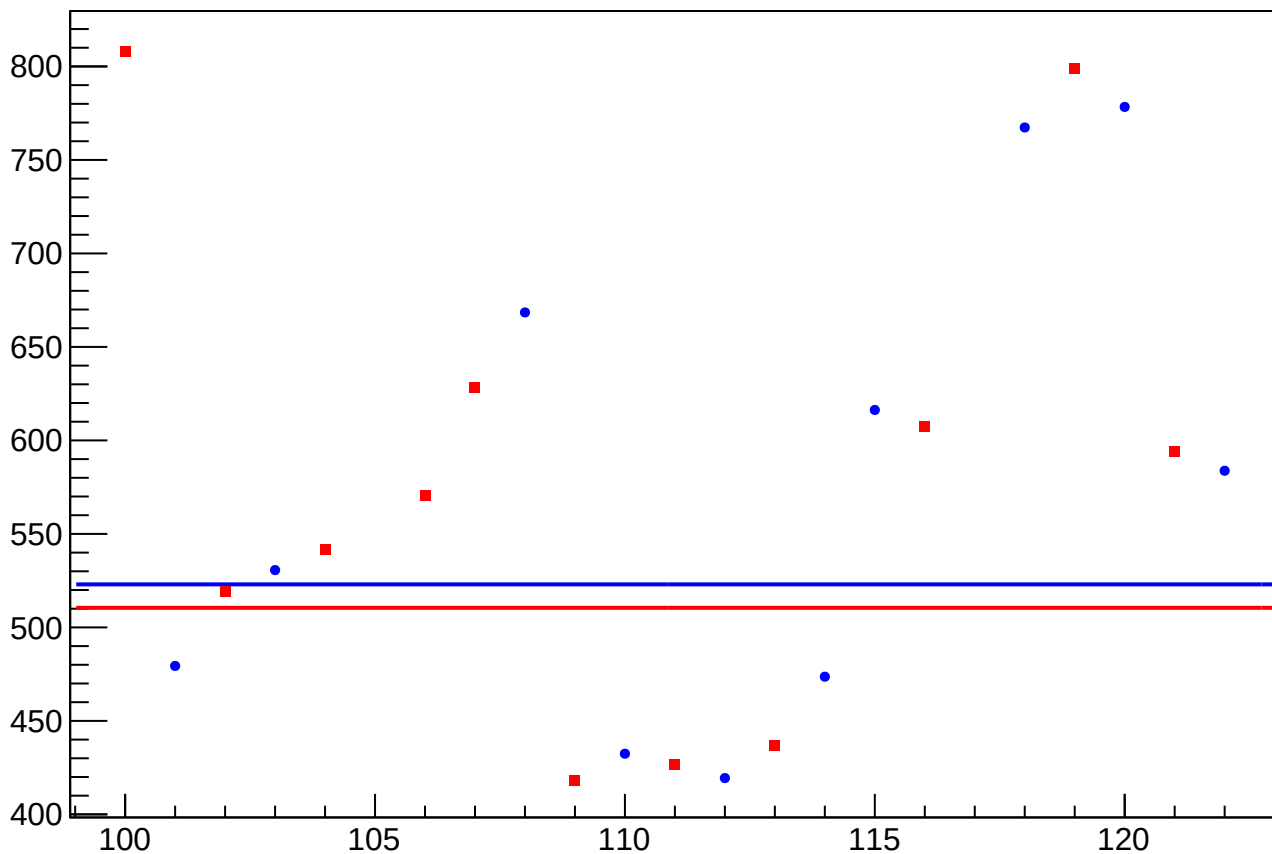
Right: 286.902+/-180.302 χ^2/NDF : 17.9/20

In: 60.973+/-264.534 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.902+/-180.302 χ^2/NDF : 17.9/20

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.010+/-0.187 χ^2/NDF : 344138.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 510.476+/-0.174 χ^2/NDF : 343338.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

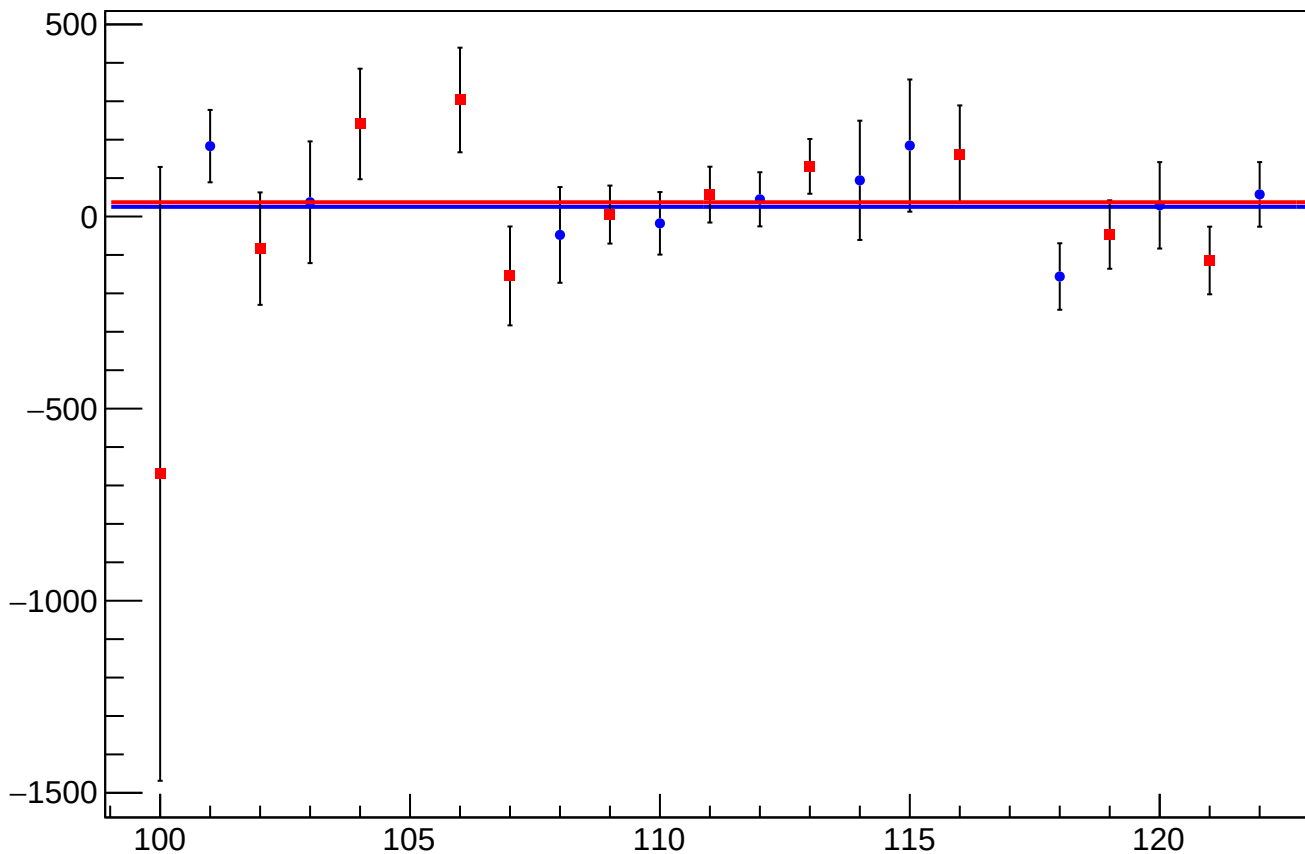
Right: 516.299+/-0.127 χ^2/NDF : 689880.5/20

In: 523.010+/-0.187 χ^2/NDF :344138.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 516.299+/-0.127 χ^2/NDF : 689880.5/20

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: 37.138+/-30.290 χ^2/NDF : 16.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

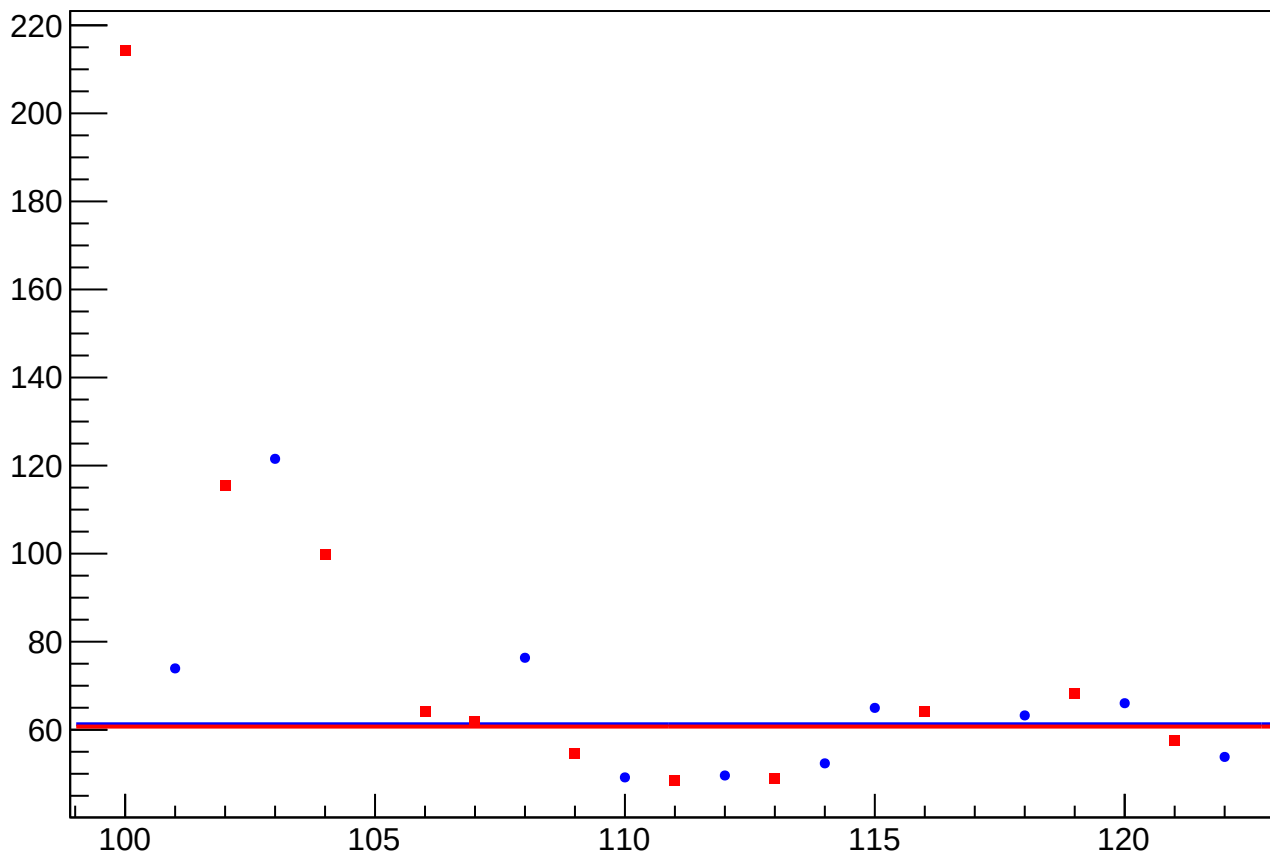
Right: 31.421+/-21.880 χ^2/NDF : 25.5/20

In: 25.183+/-31.641 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.421+/-21.880 χ^2/NDF : 25.5/20

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: 60.718+/-0.021 χ^2/NDF : 646759.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

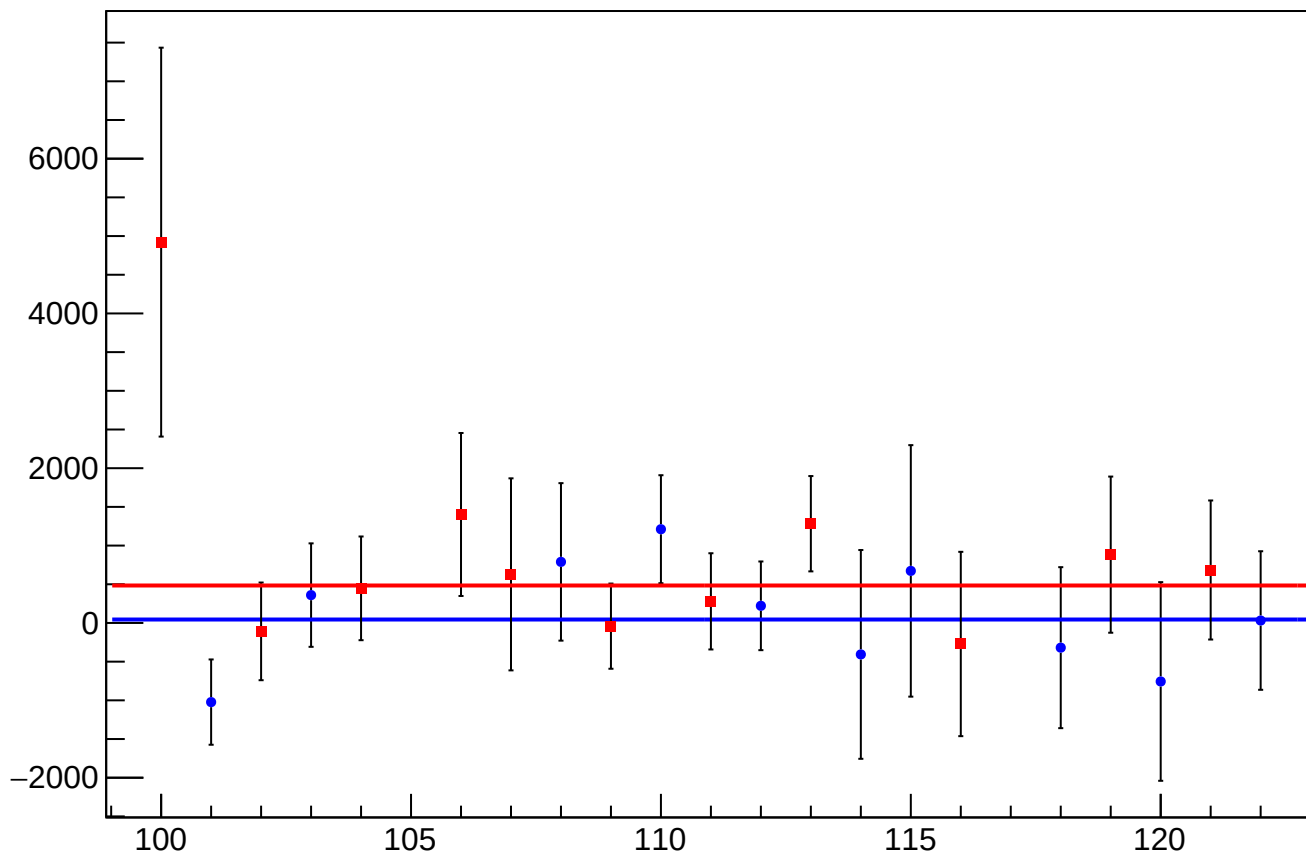
Right: 60.967+/-0.015 χ^2/NDF : 1128549.4/20

In: 61.239+/-0.022 χ^2/NDF :481507.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.967+/-0.015 χ^2/NDF : 1128549.4/20

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: 484.136+/-236.381 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

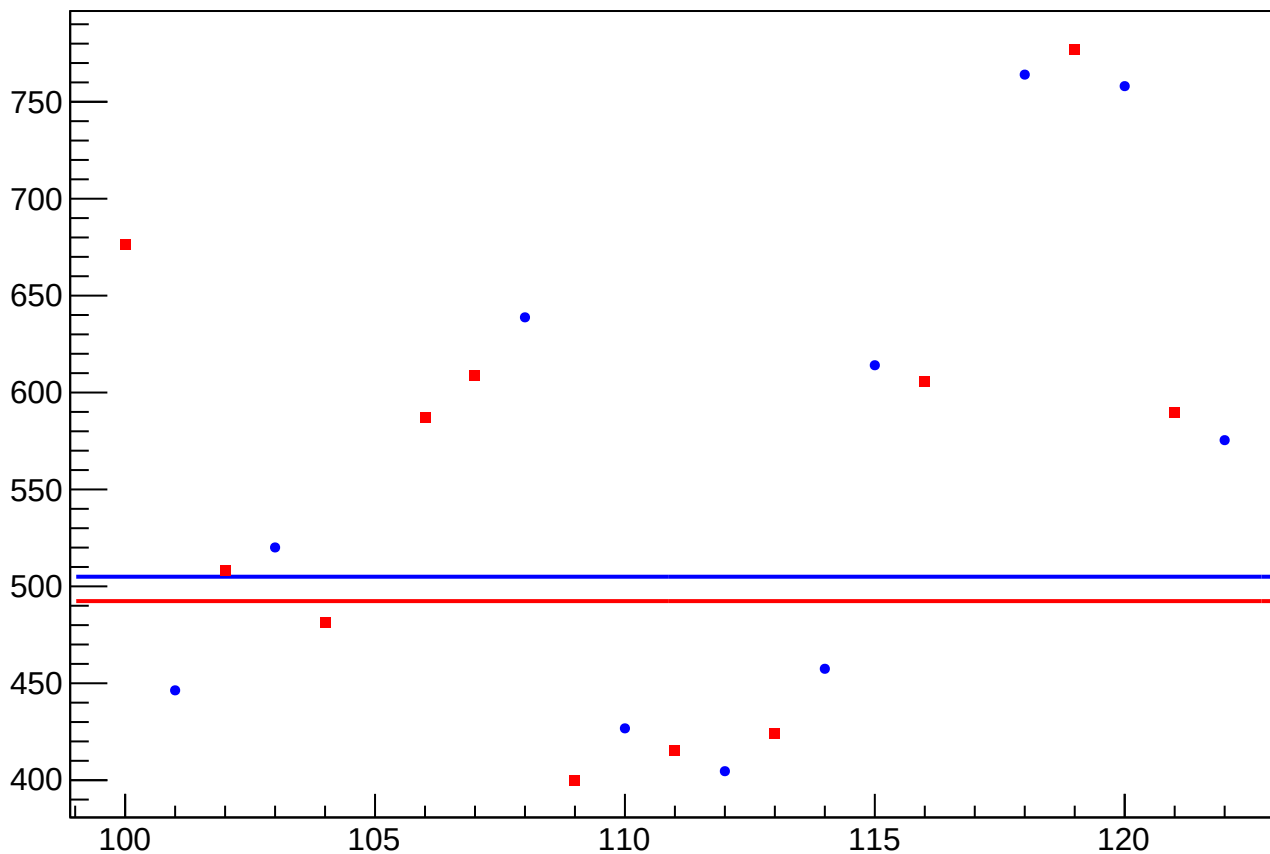
Right: 281.497+/-173.561 χ^2/NDF : 17.9/20

In: 44.464+/-255.655 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.497+/-173.561 χ^2/NDF : 17.9/20

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: 492.392+/-0.167 χ^2/NDF : 358988.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

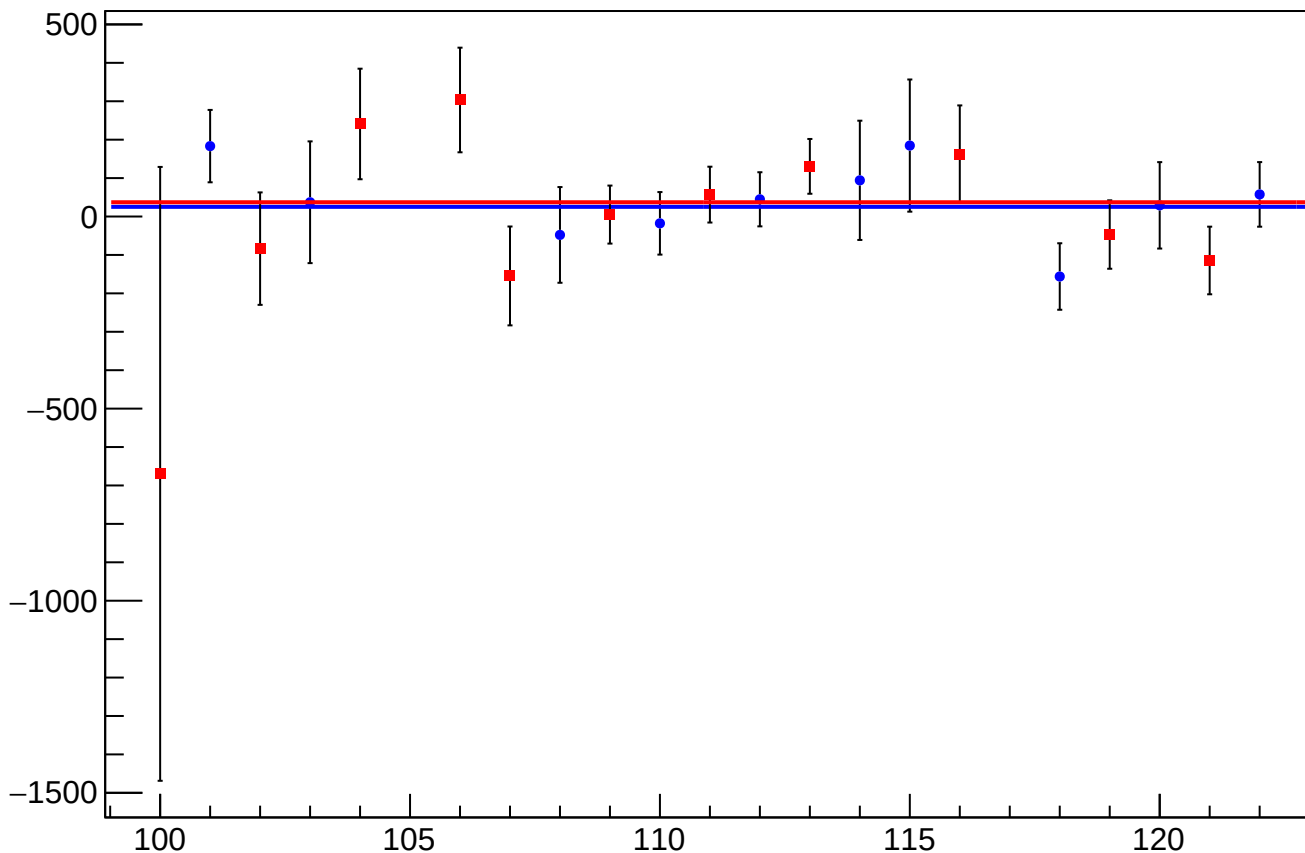
Right: 498.192+/-0.123 χ^2/NDF : 731939.9/20

In: 504.977+/-0.181 χ^2/NDF : 370339.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.192+/-0.123 χ^2/NDF : 731939.9/20

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: 37.137+/-30.291 χ^2/NDF : 16.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

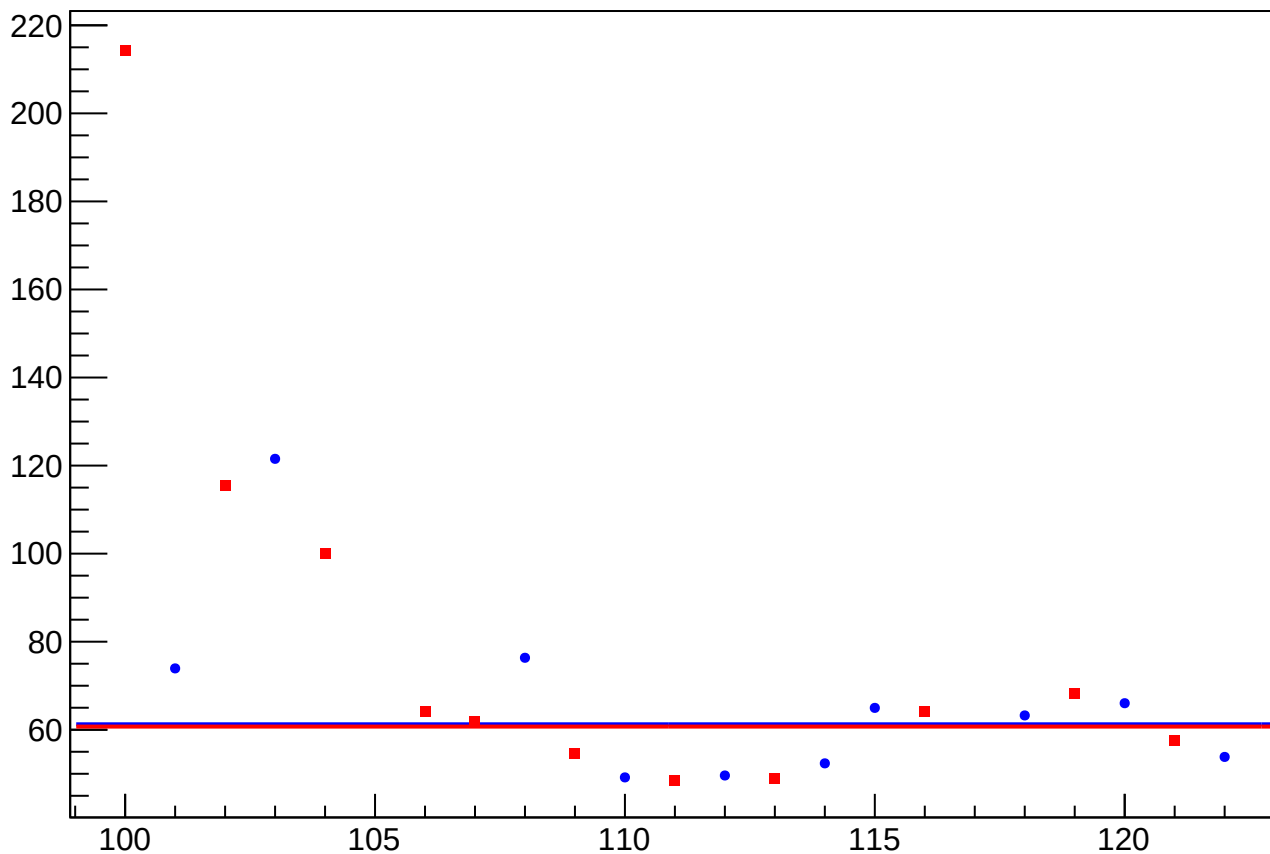
Right: 31.420+/-21.880 χ^2/NDF : 25.5/20

In: 25.182+/-31.641 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.420+/-21.880 χ^2/NDF : 25.5/20

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: 60.719+/-0.021 χ^2/NDF : 646758.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

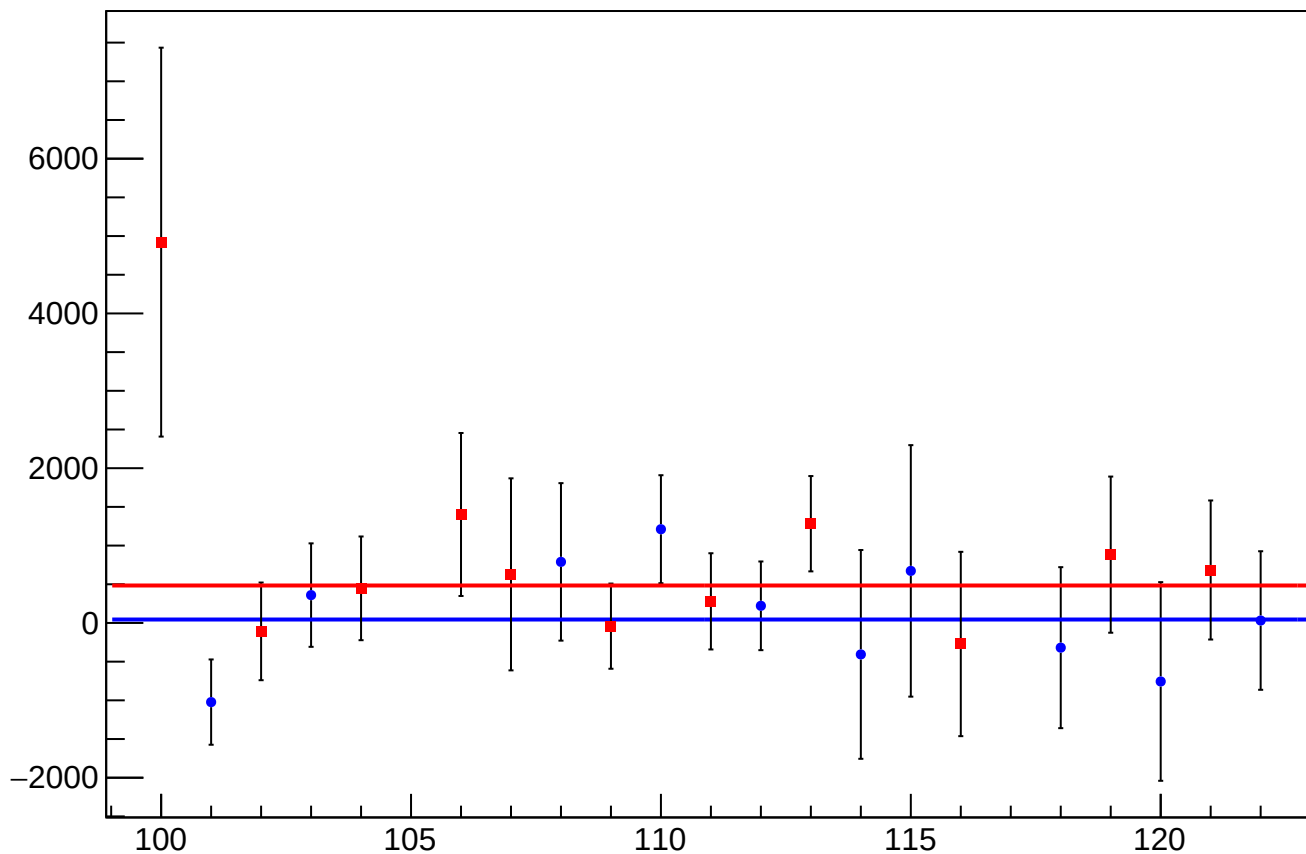
Right: 60.967+/-0.015 χ^2/NDF : 1128546.2/20

In: 61.239+/-0.022 χ^2/NDF : 481505.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.967+/-0.015 χ^2/NDF : 1128546.2/20

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: 484.135+/-236.380 χ^2/NDF : 8.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

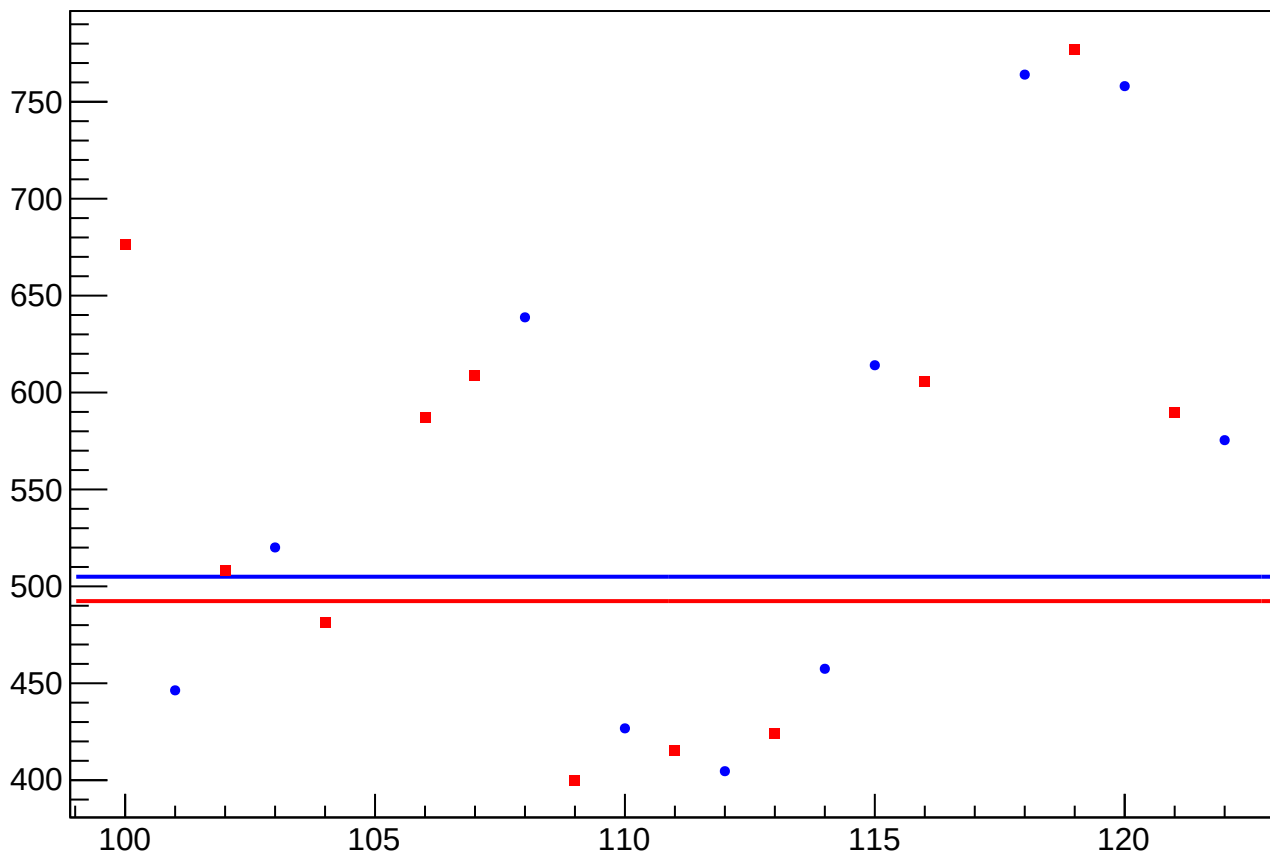
Right: 281.496+/-173.560 χ^2/NDF : 17.9/20

In: 44.464+/-255.654 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.496+/-173.560 χ^2/NDF : 17.9/20

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: 492.391+/-0.167 χ^2/NDF : 358990.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

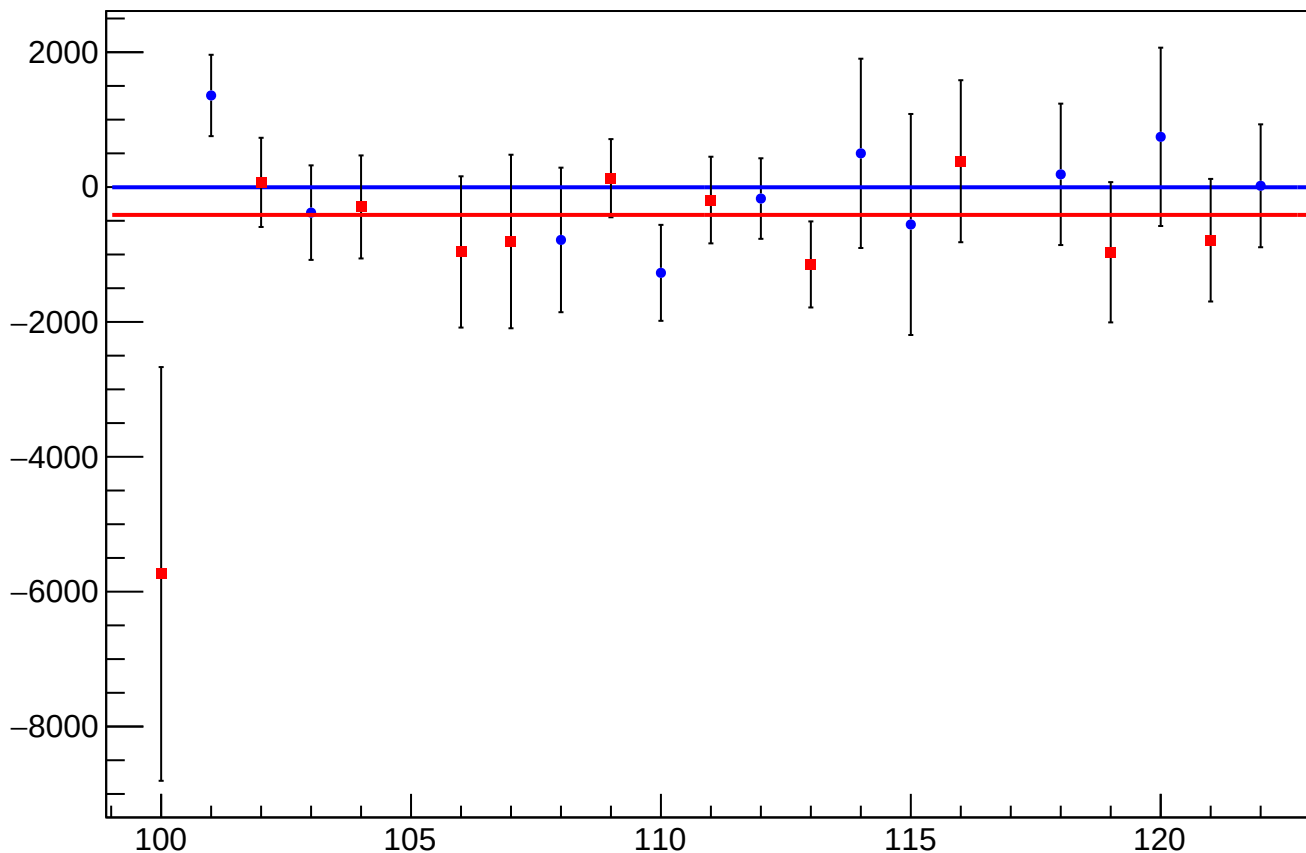
Right: 498.191+/-0.123 χ^2/NDF : 731946.4/20

In: 504.976+/-0.181 χ^2/NDF : 370343.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.191+/-0.123 χ^2/NDF : 731946.4/20

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.936 ± 267.291 $\chi^2/\text{NDF}: 9.8/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -412.741 ± 248.557 $\chi^2/\text{NDF}: 7.1/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

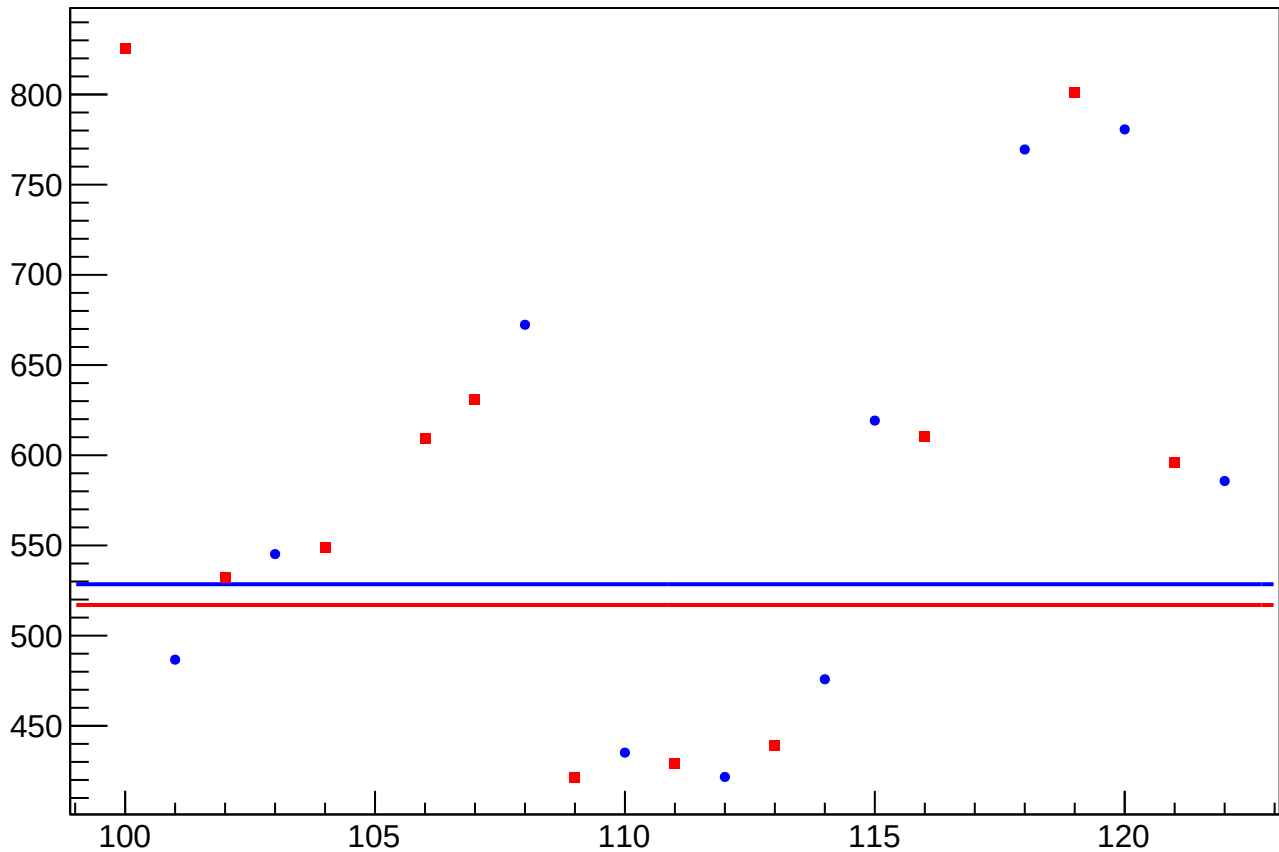
Right: -222.701 ± 182.019 $\chi^2/\text{NDF}: 18.1/20$

In: -2.936 ± 267.291 $\chi^2/\text{NDF}: 9.8/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -222.701 ± 182.019 $\chi^2/\text{NDF}: 18.1/20$

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: 516.986+/-0.176 χ^2/NDF : 352178.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

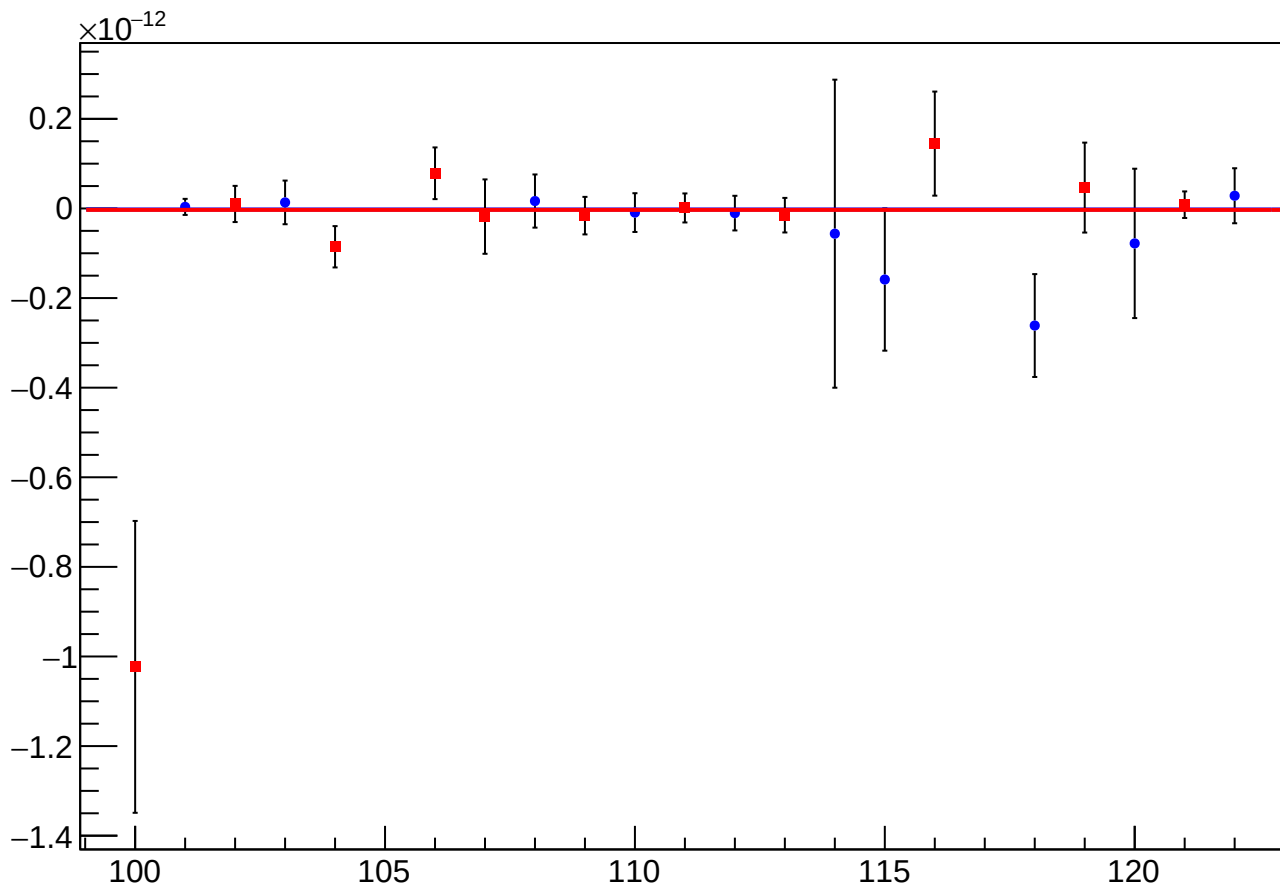
Right: 522.322+/-0.129 χ^2/NDF : 694507.3/20

In: 528.493+/-0.189 χ^2/NDF : 340341.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.322+/-0.129 χ^2/NDF : 694507.3/20

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 : 17.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

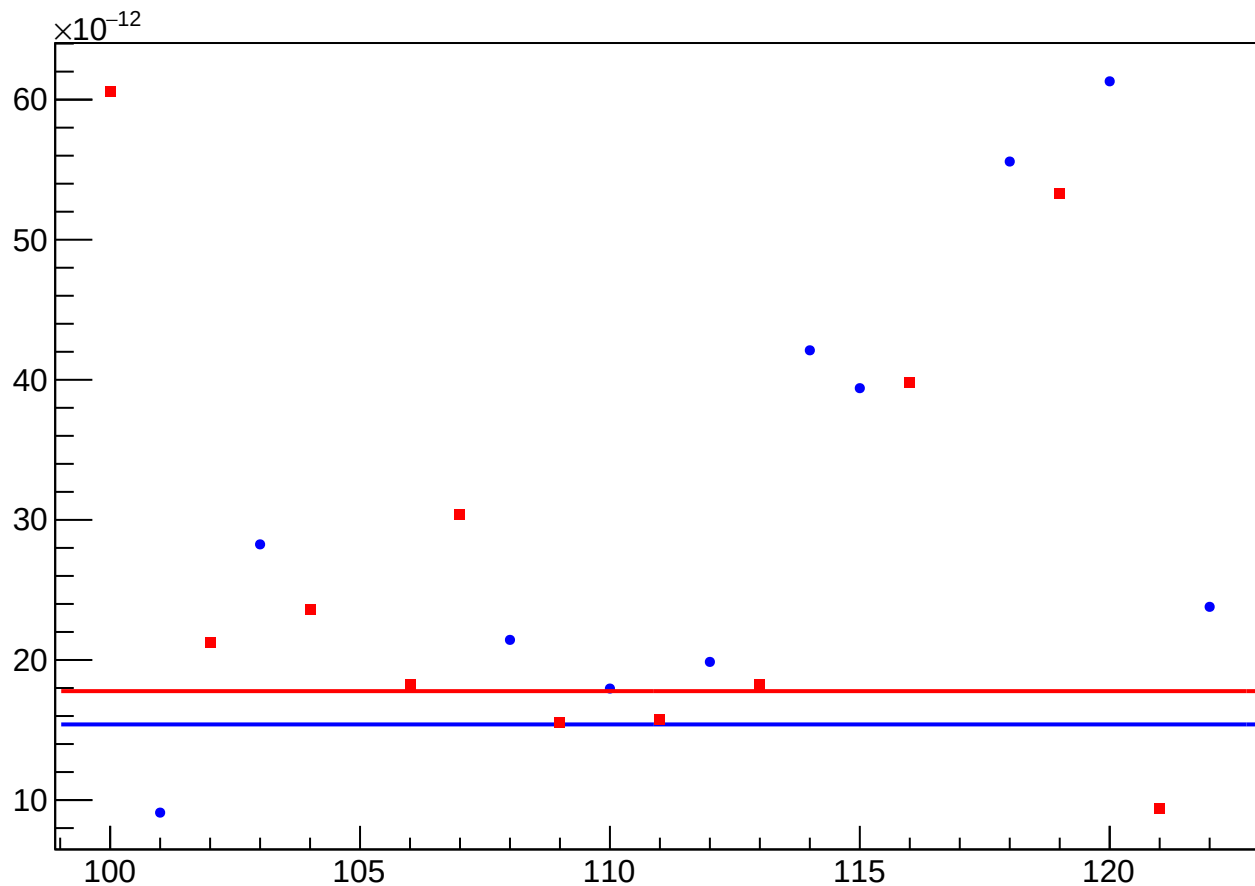
Right: -0.000+/-0.000 χ^2/NDF : 24.3/20

In: -0.000+/-0.000 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.3/20

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 : 622545.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

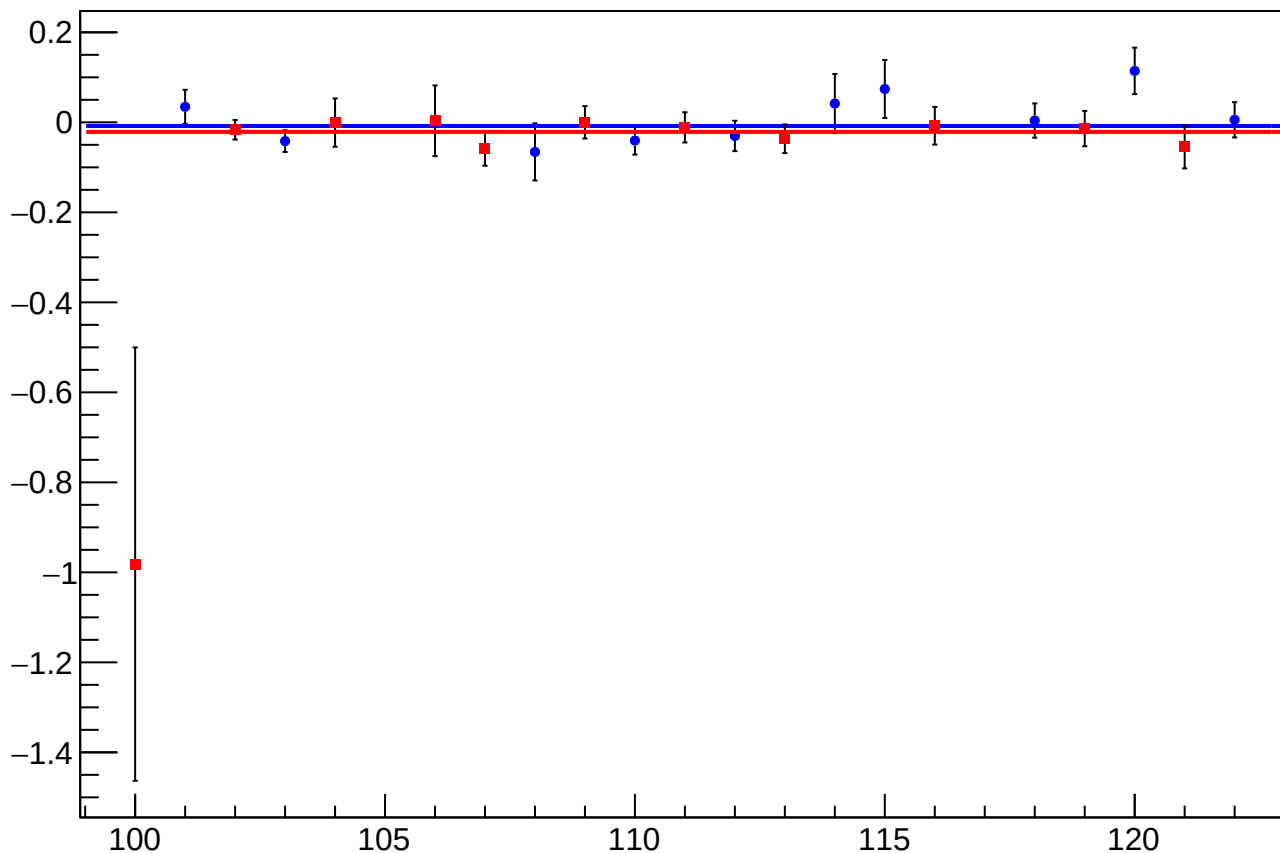
Right: 0.000+/-0.000 χ^2/NDF : 1584061.3/20

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 : 1584061.3/20

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: -0.021 ± 0.011 χ^2/NDF : 6.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

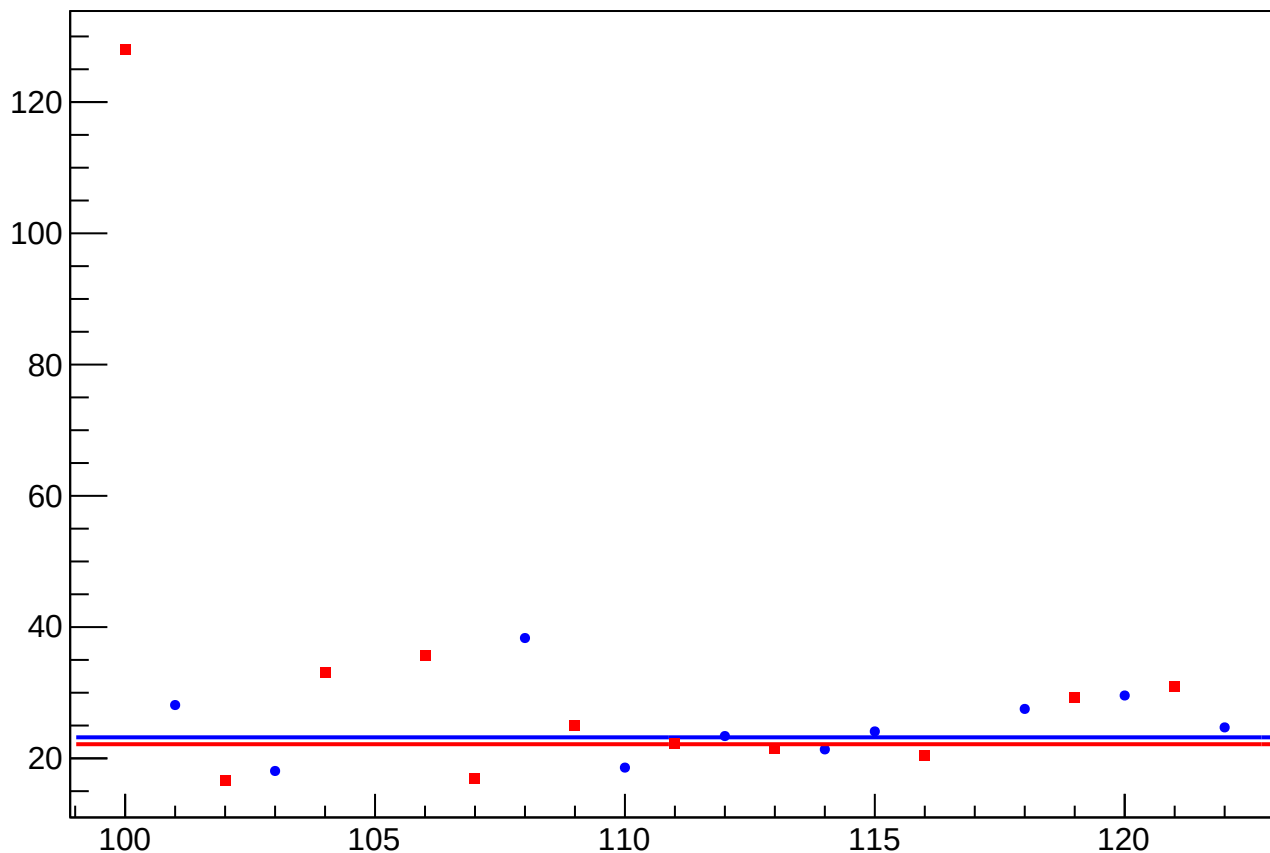
Right: -0.015 ± 0.008 χ^2/NDF : 20.7/20

In: -0.008 ± 0.012 χ^2/NDF : 13.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.008 χ^2/NDF : 20.7/20

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: 22.154 $\pm$ 0.008 χ^2 /NDF: 556864.4/10

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

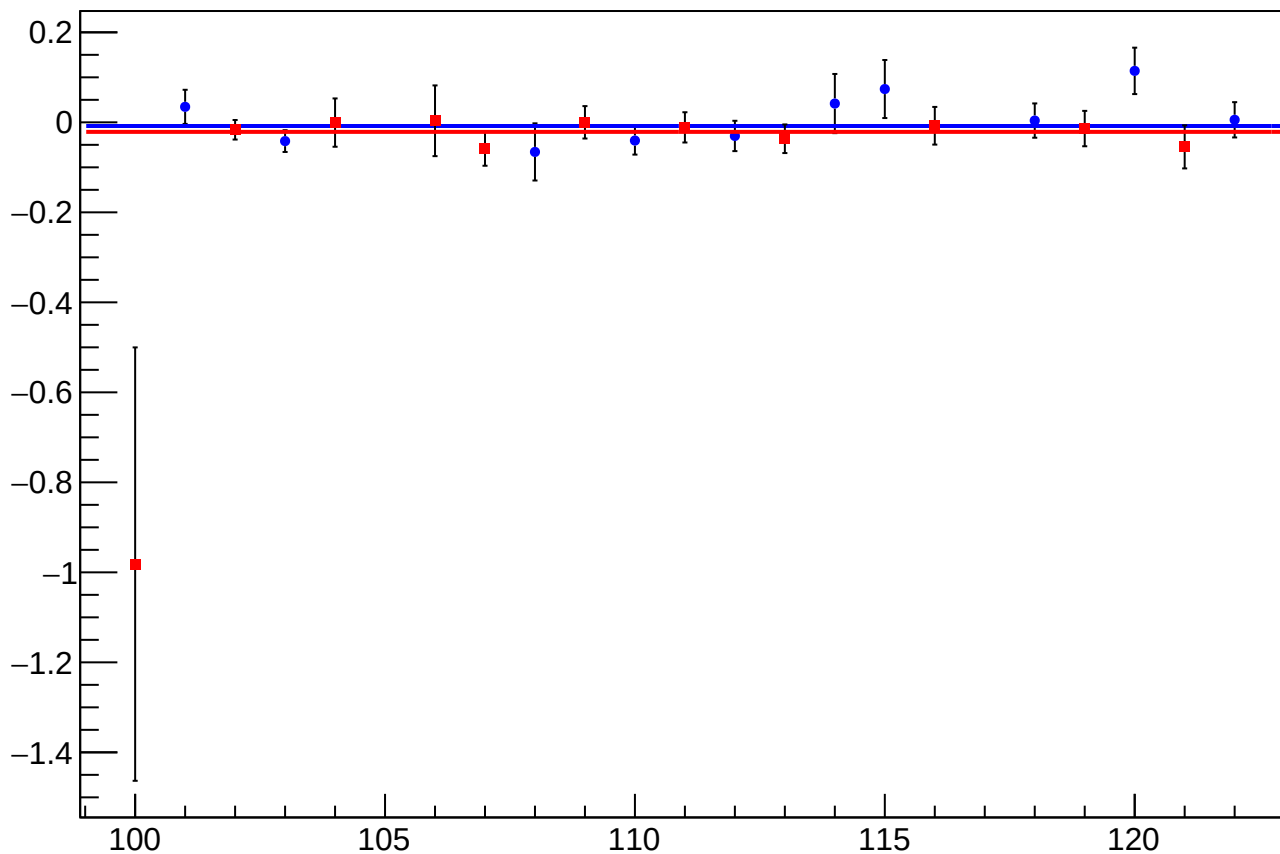
Right: 22.647 $\pm$ 0.006 χ^2 /NDF: 906965.5/20

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: 22.647 $\pm$ 0.006 χ^2 /NDF: 906965.5/20

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: -0.021 $\pm$ 0.011 χ^2 /NDF: 6.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

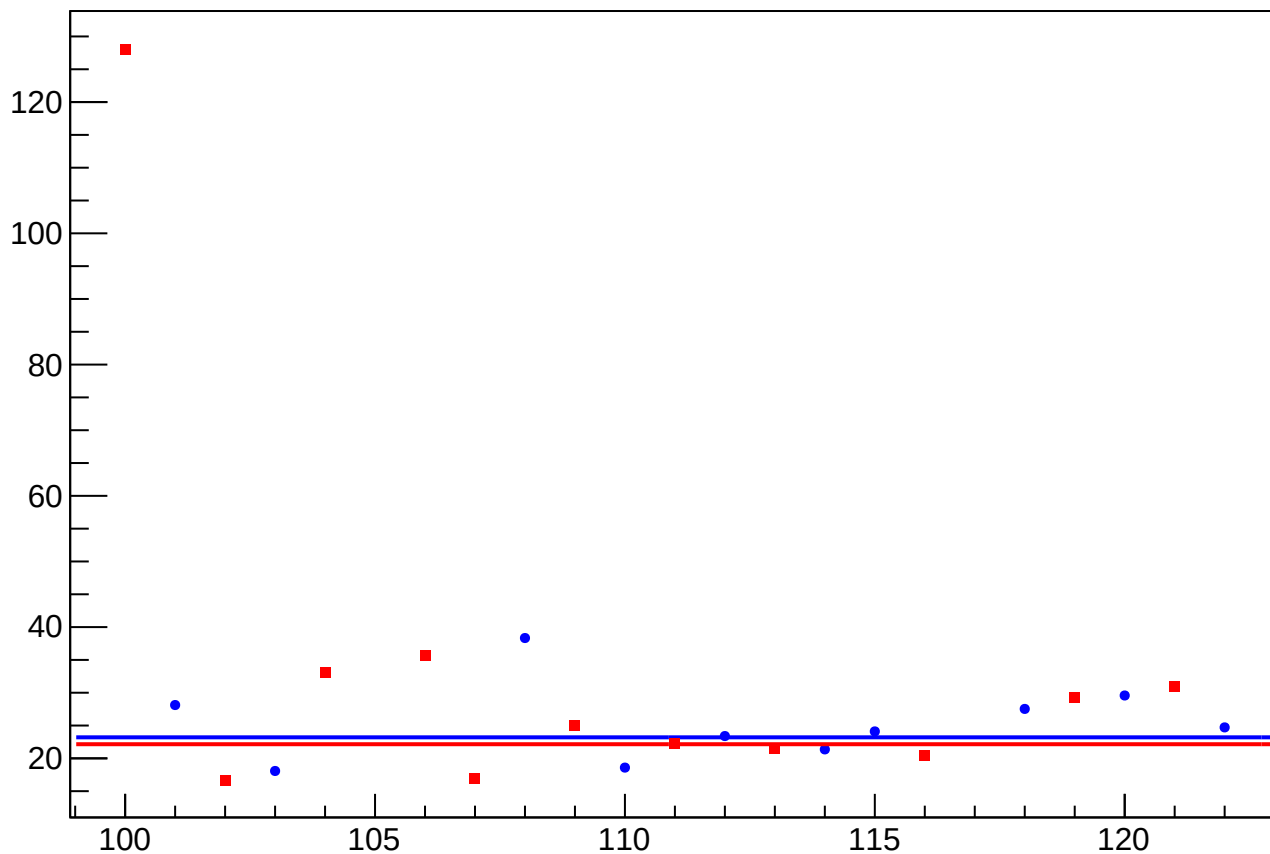
Right: -0.015 $\pm$ 0.008 χ^2 /NDF: 20.7/20

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: -0.015 $\pm$ 0.008 χ^2 /NDF: 20.7/20

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: 22.154+/-0.008 χ^2/NDF : 556864.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

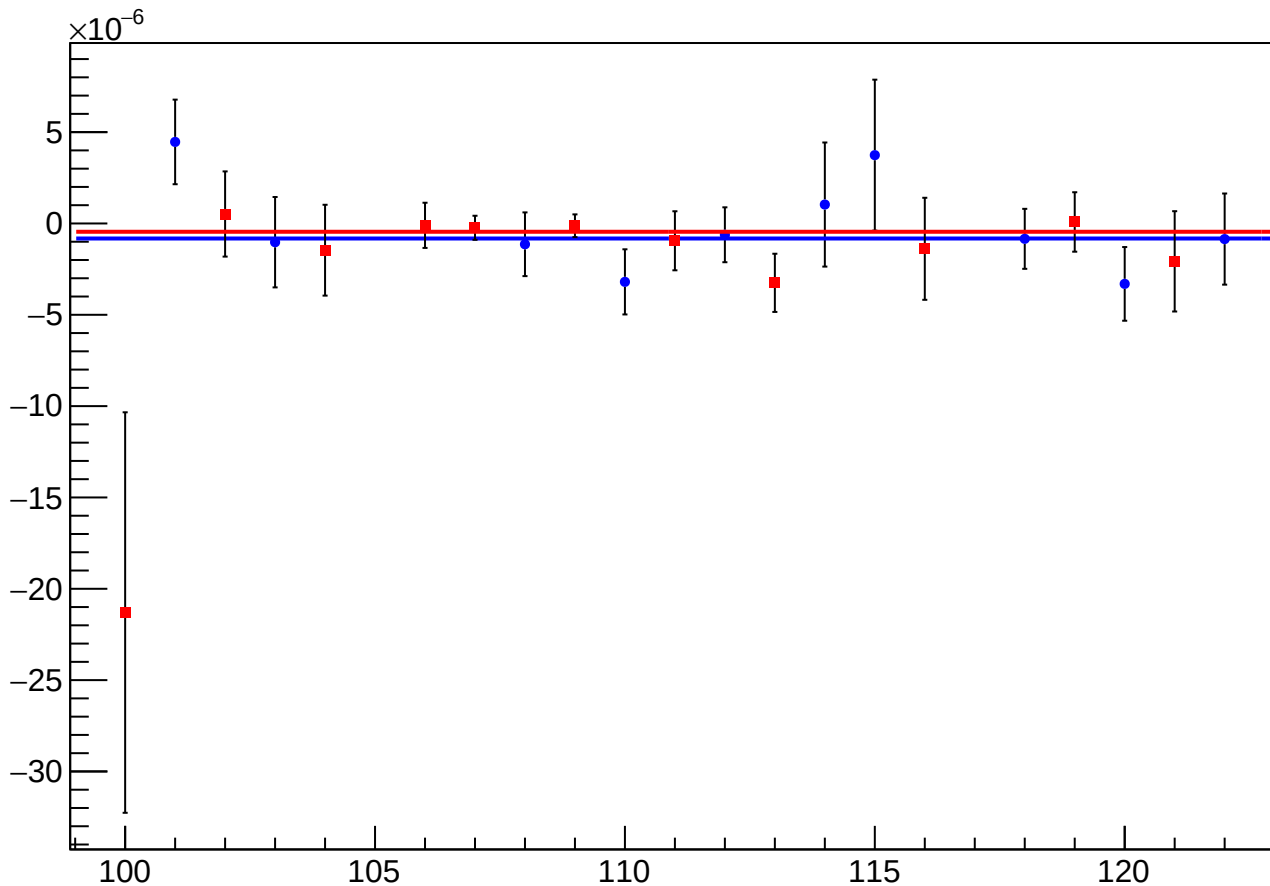
Right: 22.647+/-0.006 χ^2/NDF : 906965.5/20

In: 23.204+/-0.009 χ^2/NDF : 342209.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.647+/-0.006 χ^2/NDF : 906965.5/20

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 : 8.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

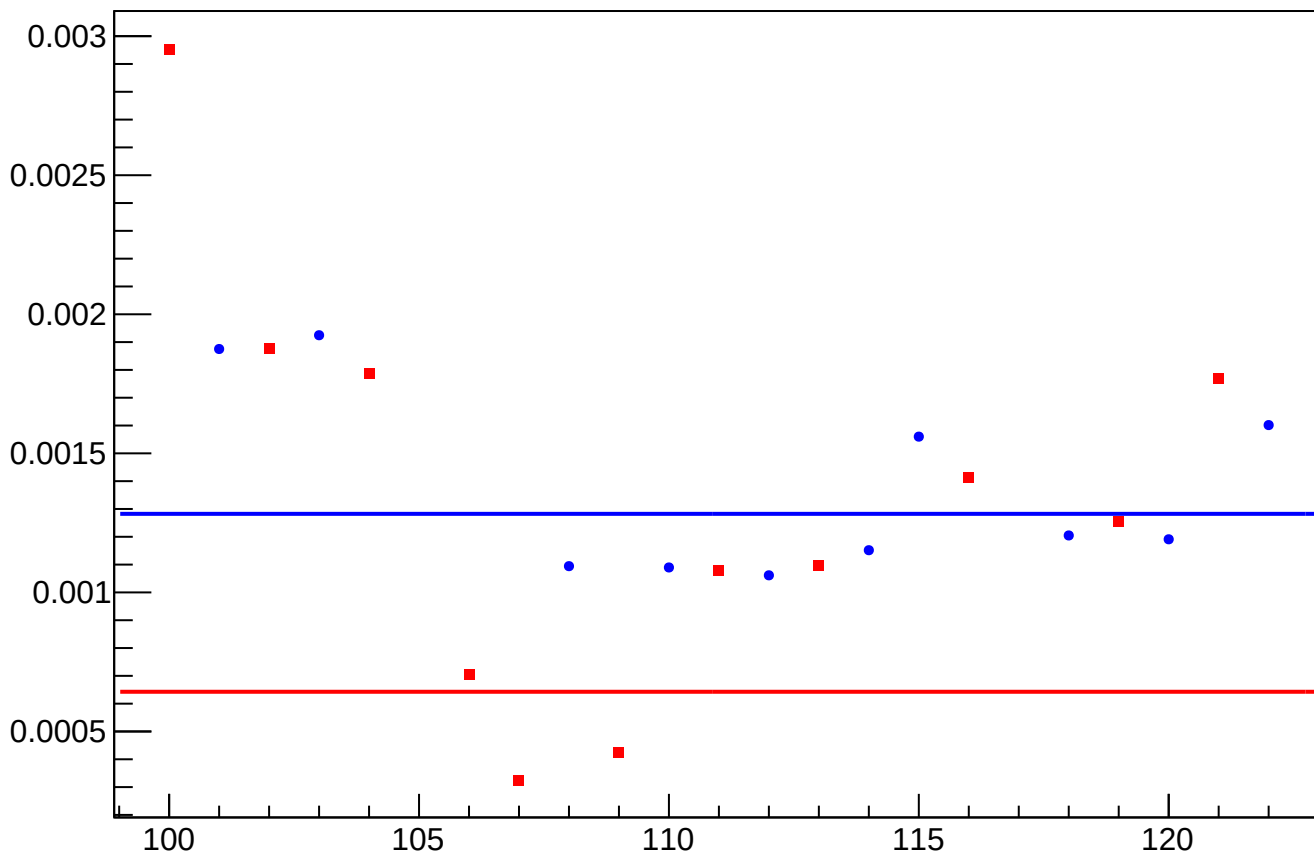
Right: -0.000+/-0.000 χ^2/NDF : 18.5/20

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 : 18.5/20

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 : 2873286.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

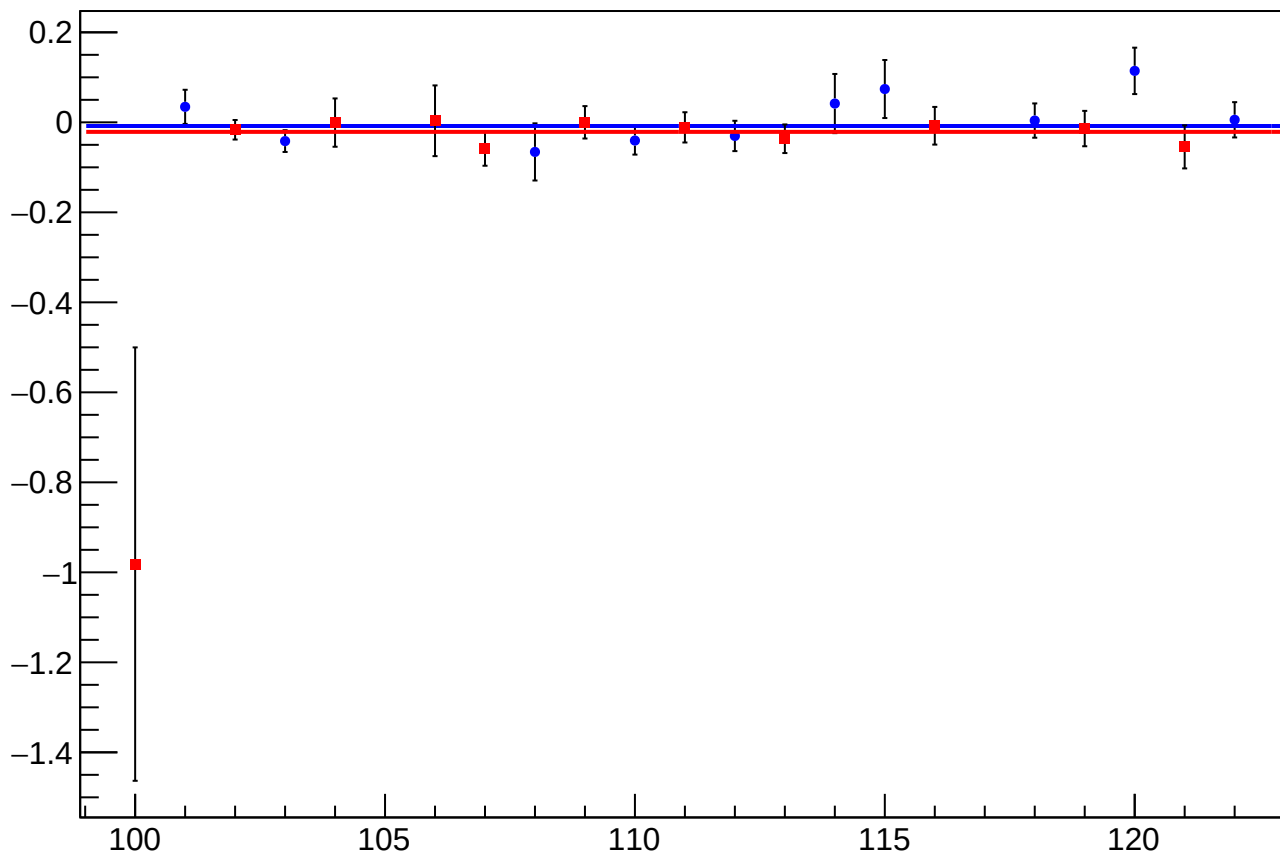
Right: 0.001+/-0.000 χ^2/NDF : 4741800.4/20

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 : 4741800.4/20

asym_sam_1357_avg_eigen_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: -0.021 ± 0.011 χ^2/NDF : 6.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

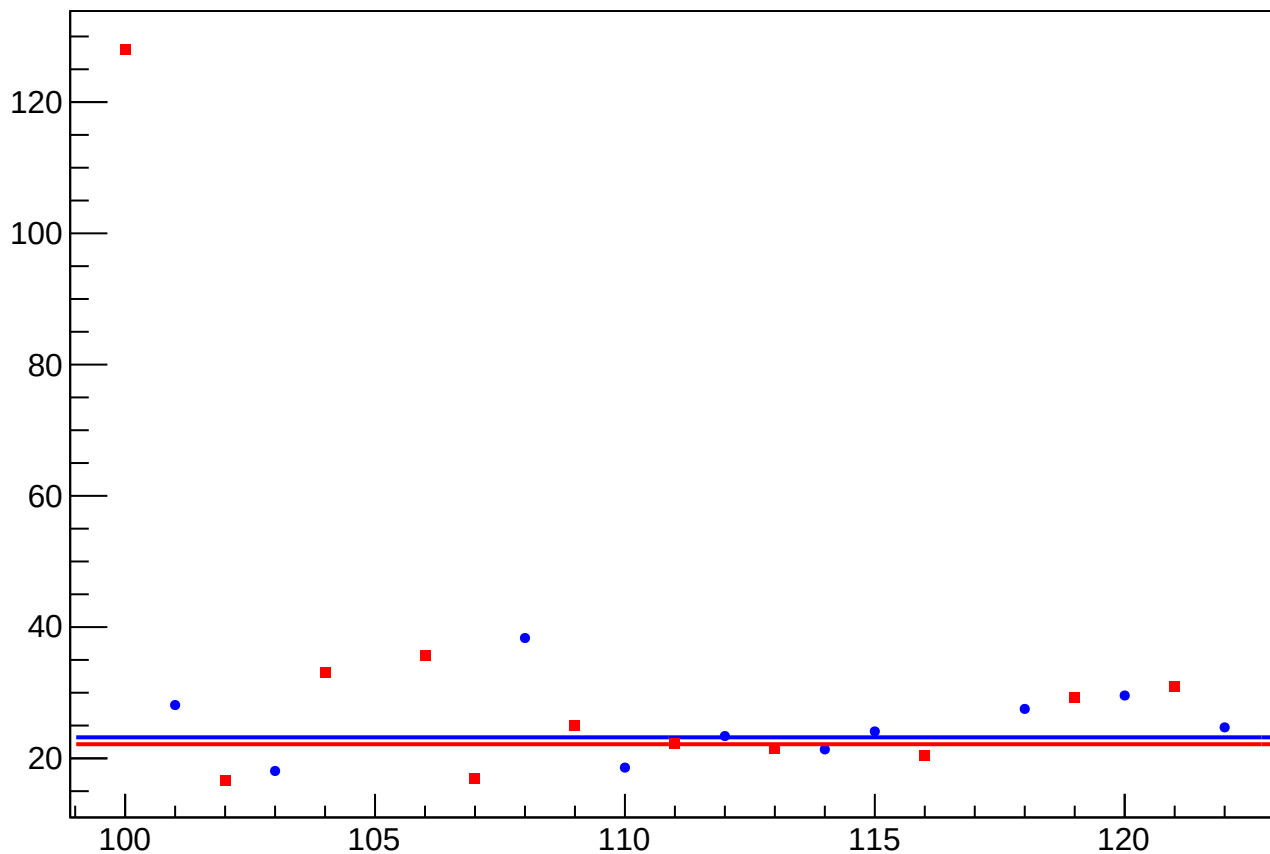
Right: -0.015 ± 0.008 χ^2/NDF : 20.7/20

In: -0.008 ± 0.012 χ^2/NDF : 13.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.008 χ^2/NDF : 20.7/20

asym_sam_1357_avg_eigen_dit_vs_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: 22.155+/-0.008 χ^2/NDF : 556844.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

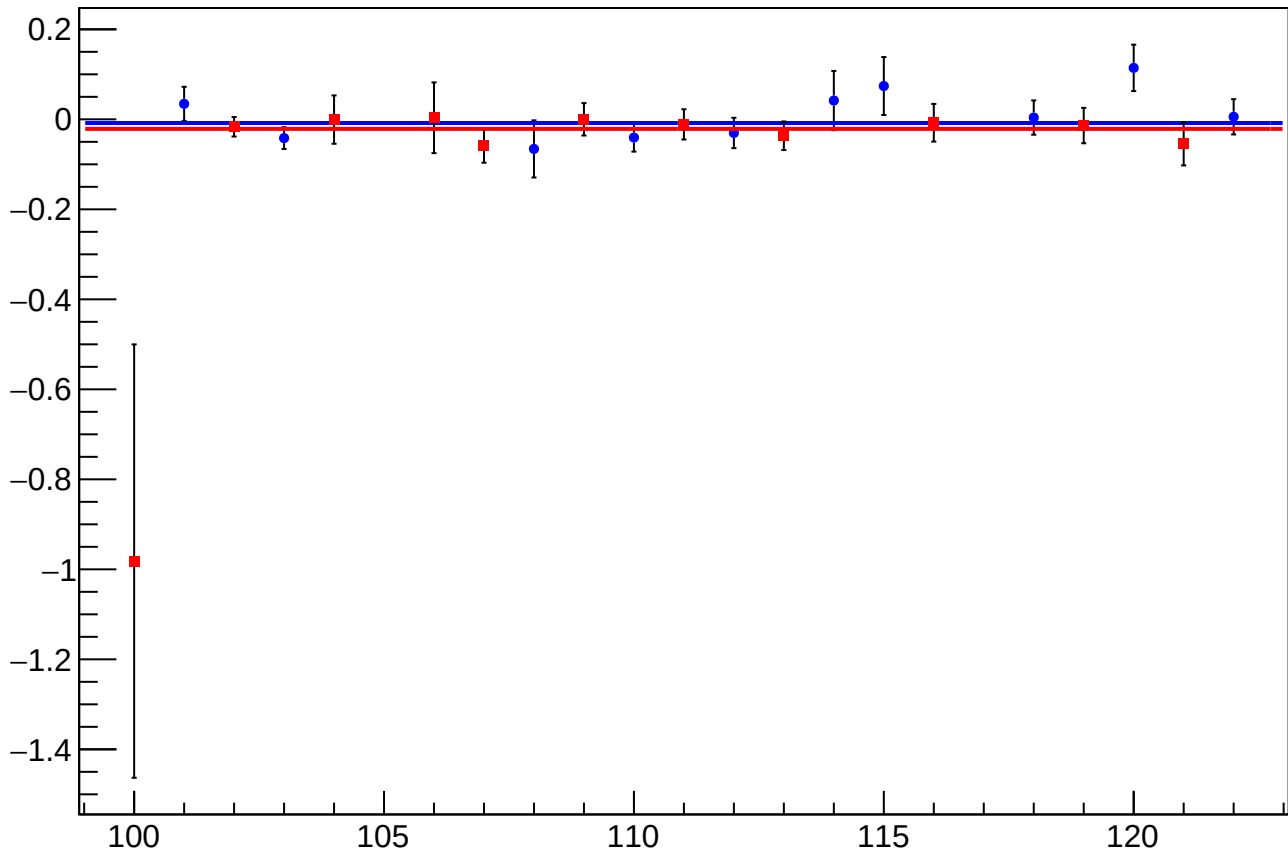
Right: 22.648+/-0.006 χ^2/NDF : 906928.8/20

In: 23.205+/-0.009 χ^2/NDF : 342192.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.648+/-0.006 χ^2/NDF : 906928.8/20

asym_sam_1357_avg_eigen_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: -0.021 $\pm$ 0.011 χ^2 /NDF: 6.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

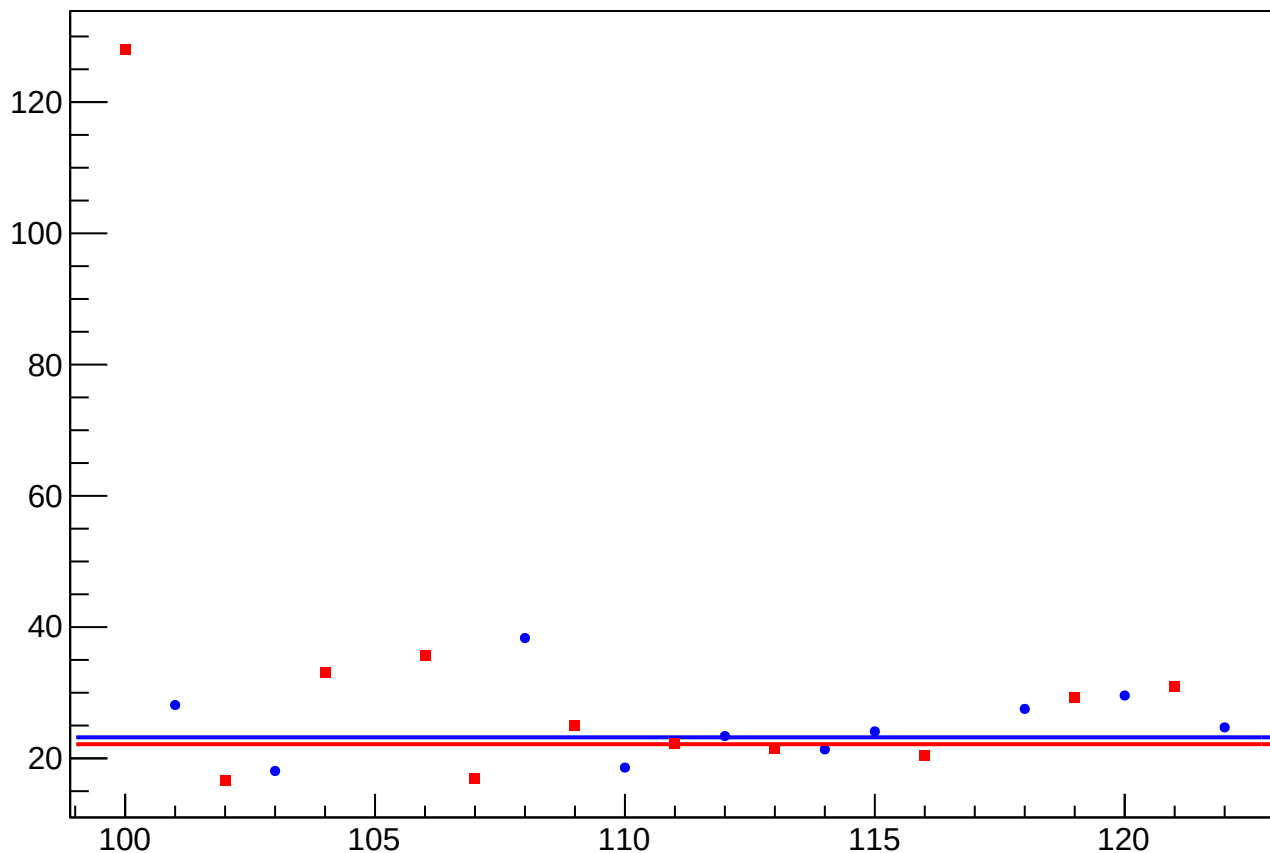
Right: -0.015 $\pm$ 0.008 χ^2 /NDF: 20.7/20

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: -0.015 $\pm$ 0.008 χ^2 /NDF: 20.7/20

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: 22.155+/-0.008 χ^2/NDF : 556844.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

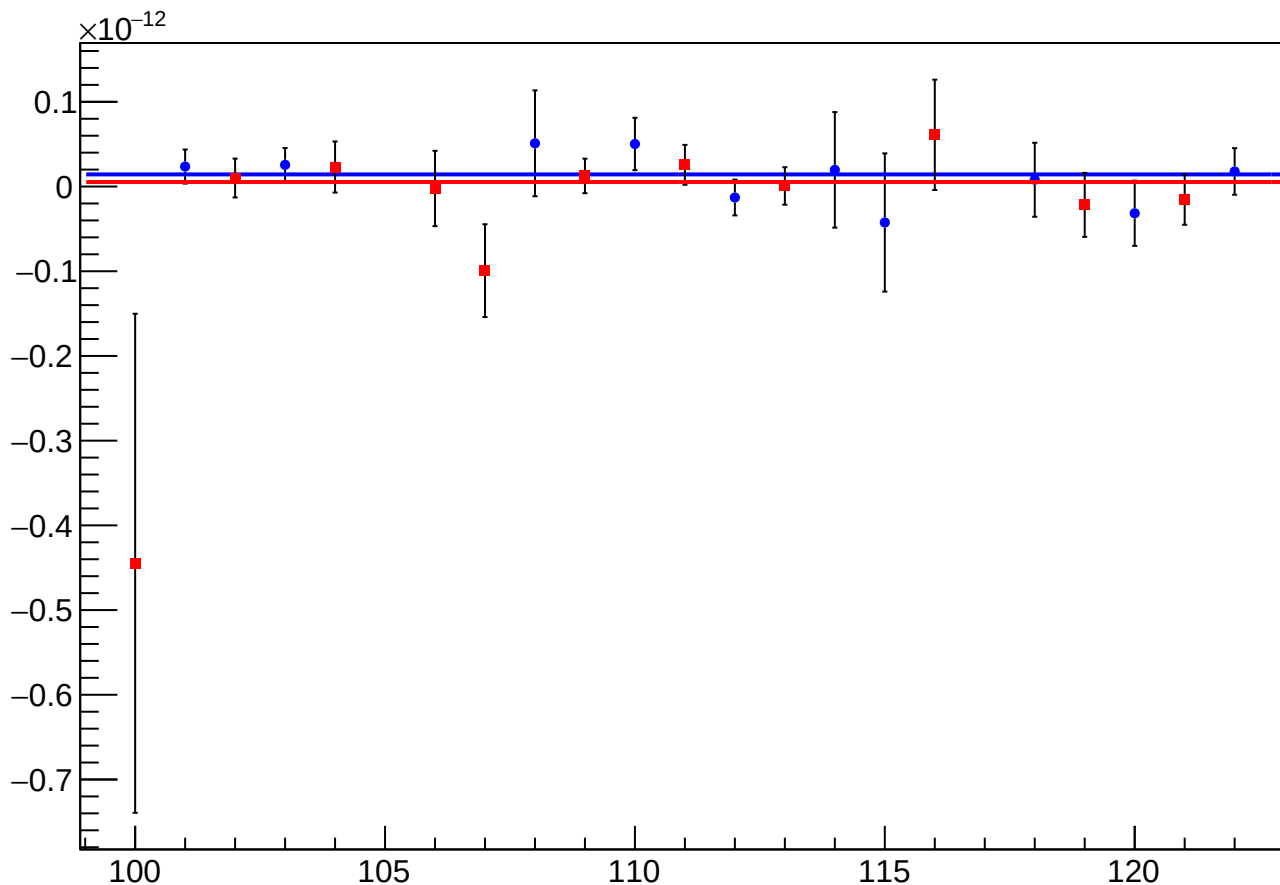
Right: 22.648+/-0.006 χ^2/NDF : 906928.8/20

In: 23.205+/-0.009 χ^2/NDF :342192.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.648+/-0.006 χ^2/NDF : 906928.8/20

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 : 9.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

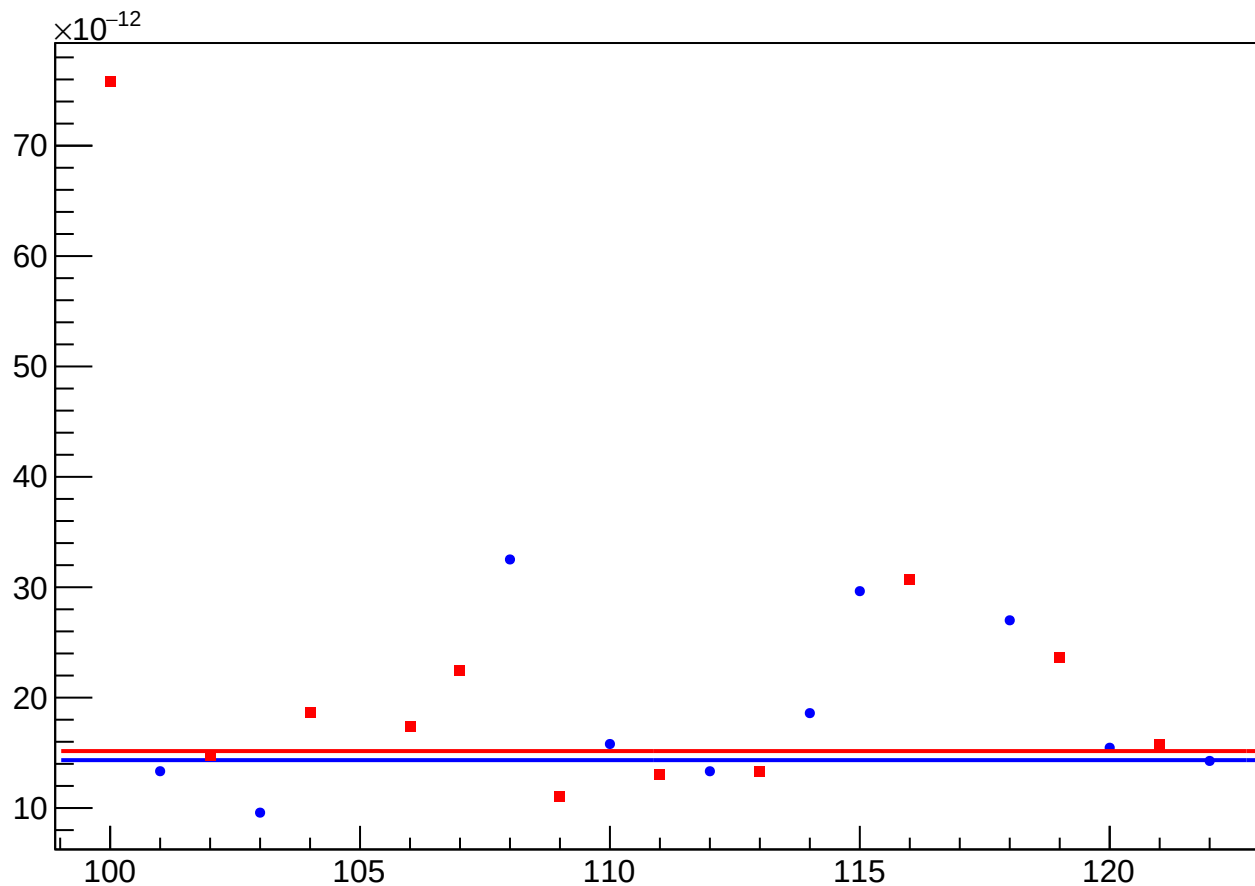
Right: 0.000+/-0.000 χ^2/NDF : 15.4/20

In: 0.000+/-0.000 χ^2/NDF : 5.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.4/20

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 : 479685.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

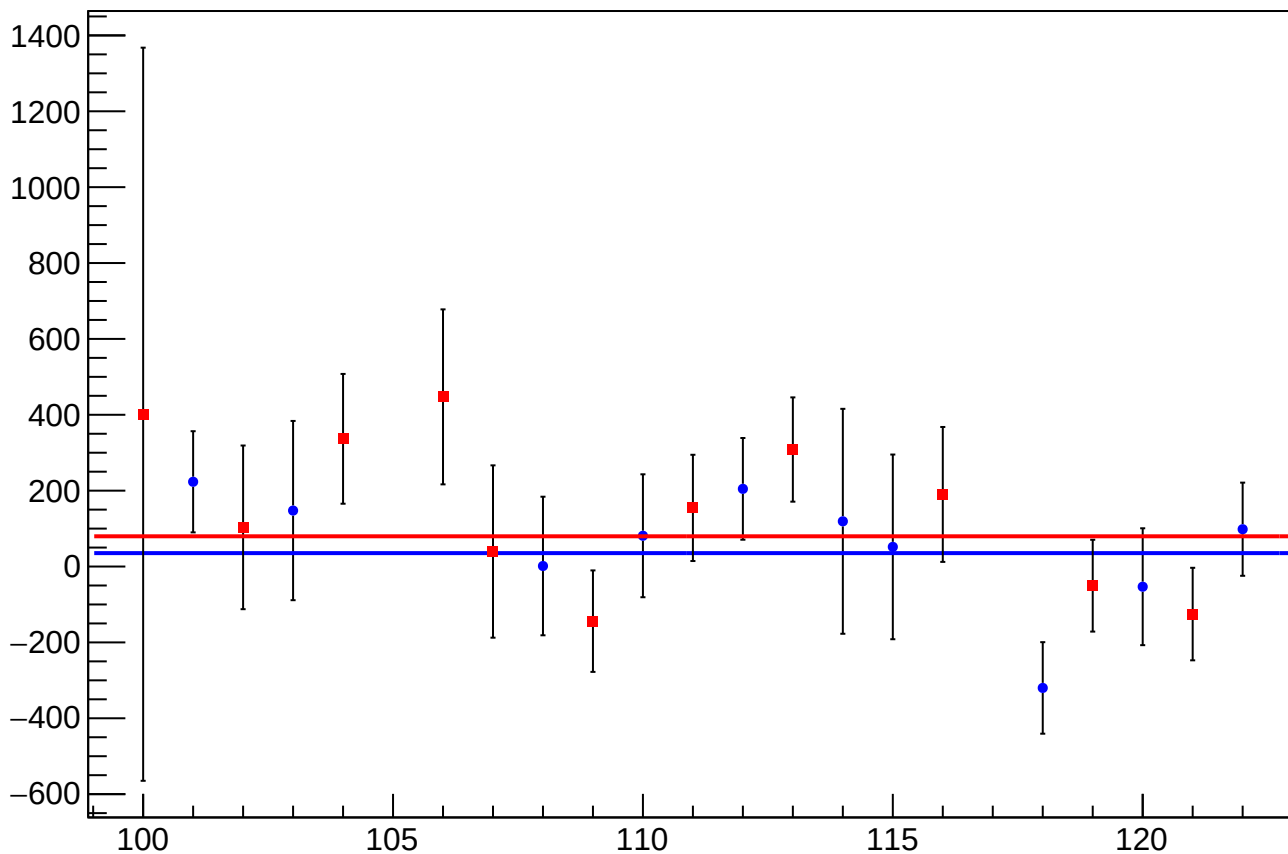
Right: 0.000+/-0.000 χ^2/NDF : 1032917.2/20

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 : 1032917.2/20

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: 79.700+/-48.685 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

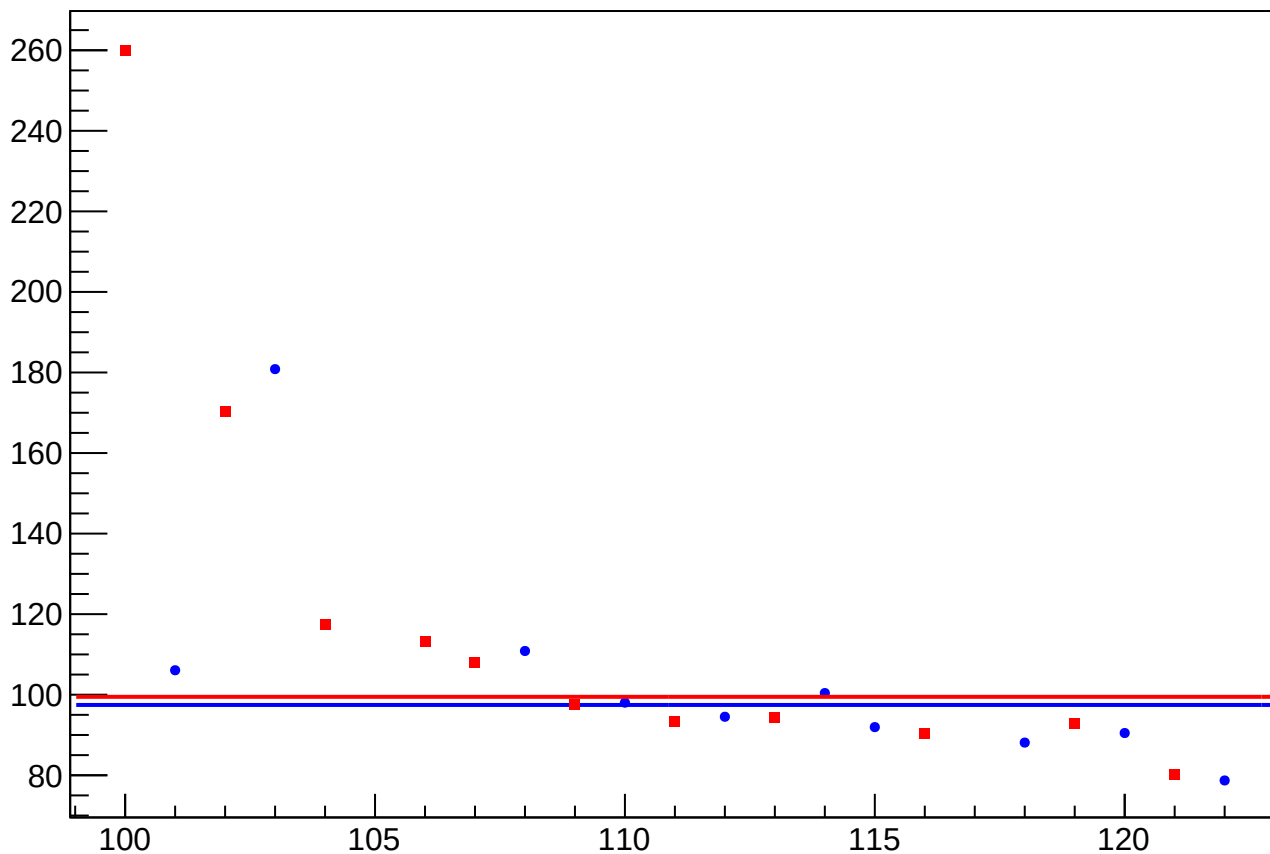
Right: 58.025+/-34.811 χ^2/NDF : 28.9/20

In: 35.351+/-49.794 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.025+/-34.811 χ^2/NDF : 28.9/20

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: 99.475+/-0.034 χ^2/NDF : 371036.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

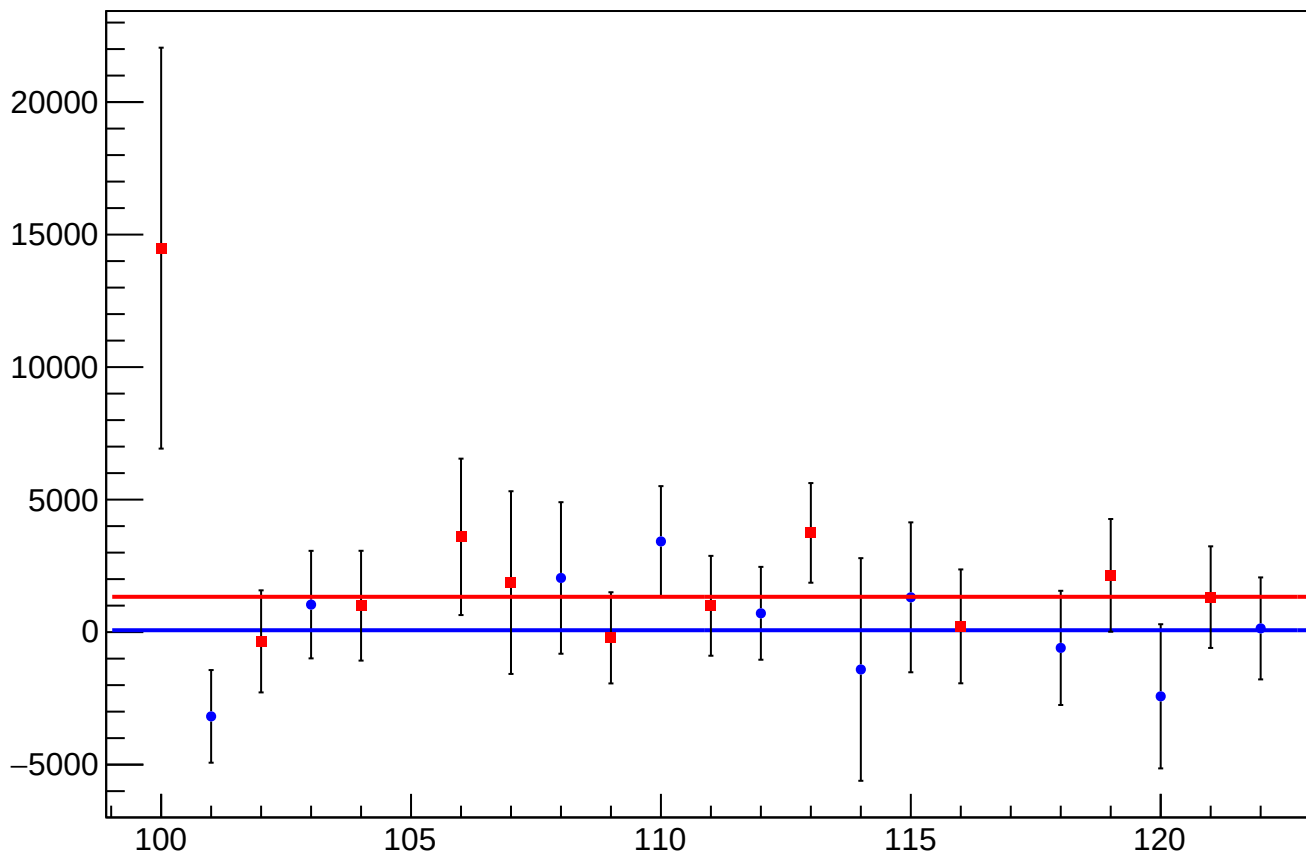
Right: 98.490+/-0.025 χ^2/NDF : 705853.9/20

In: 97.460+/-0.035 χ^2/NDF : 333142.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.490+/-0.025 χ^2/NDF : 705853.9/20

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: 1332.939+/-654.919 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

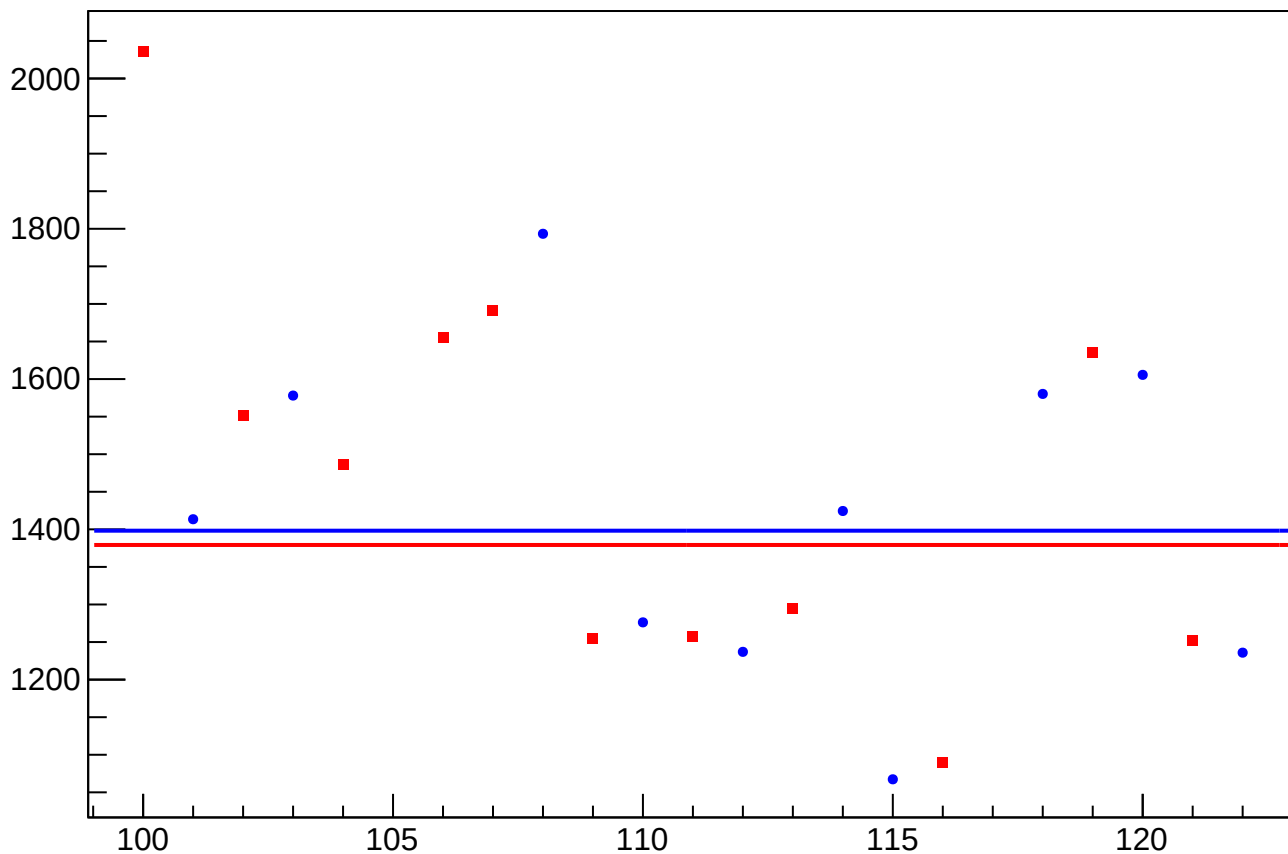
Right: 742.559+/-477.713 χ^2/NDF : 17.2/20

In: 71.284+/-698.348 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.559+/-477.713 χ^2/NDF : 17.2/20

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: 1379.207+/-0.463 χ^2/NDF : 167105.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

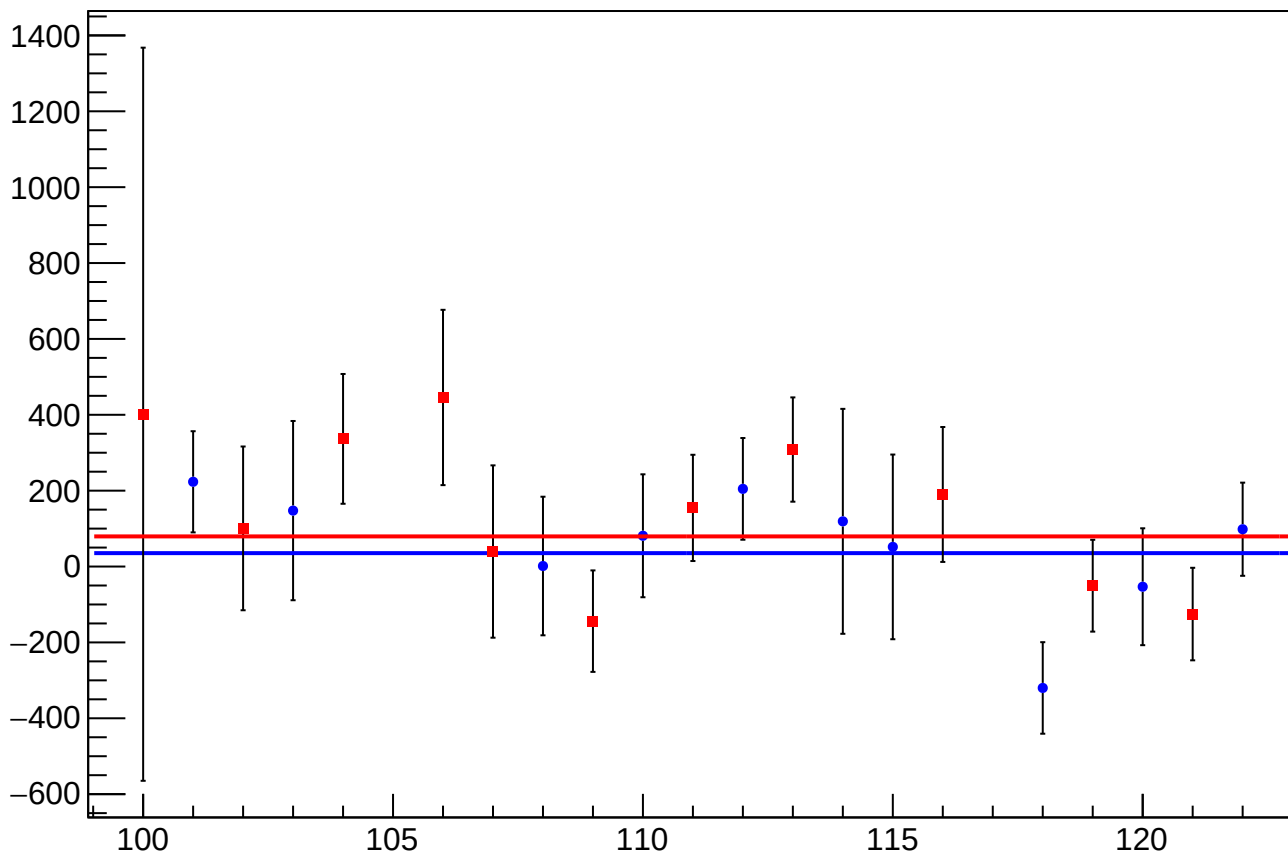
Right: 1388.099+/-0.338 χ^2/NDF : 313326.9/20

In: 1398.210+/-0.494 χ^2/NDF : 145433.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.099+/-0.338 χ^2/NDF : 313326.9/20

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: 79.420+/-48.691 χ^2/NDF : 15.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

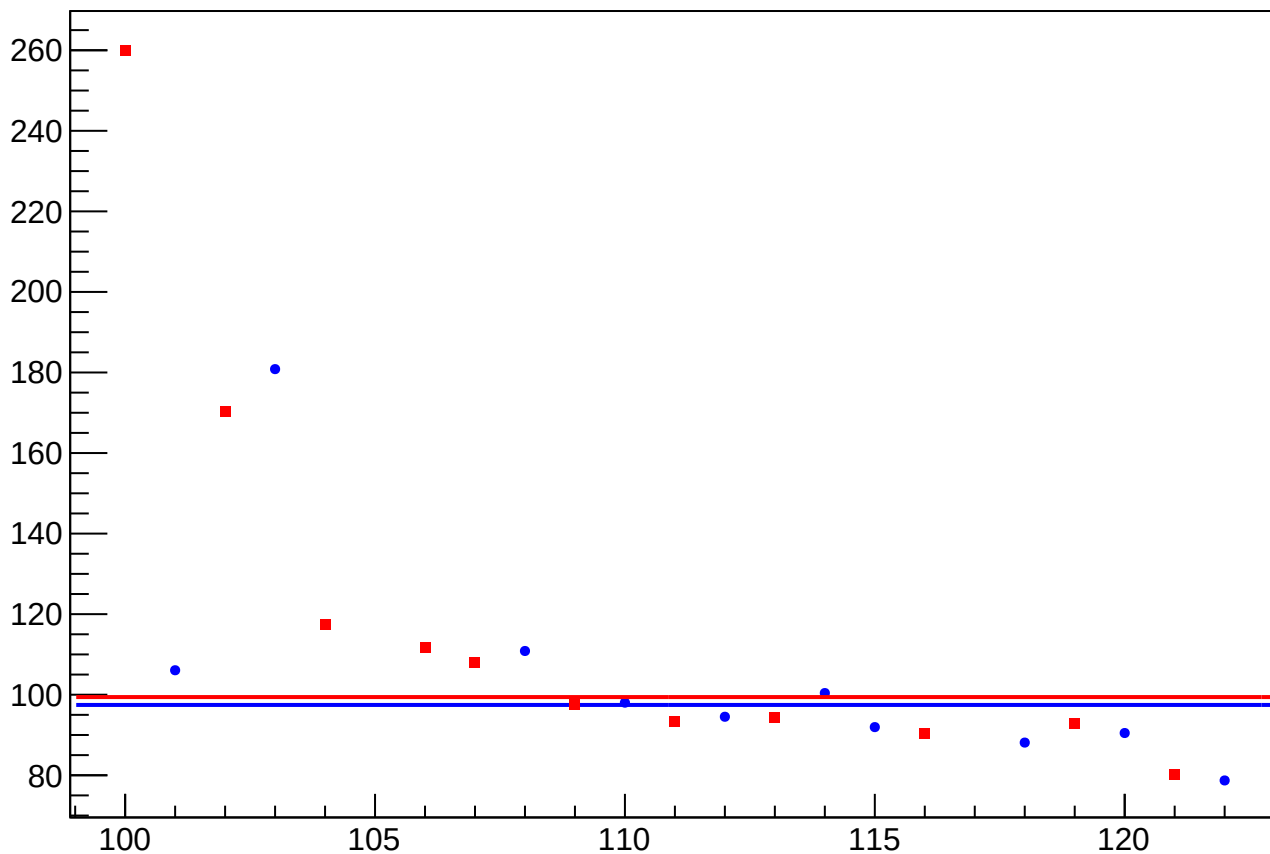
Right: 57.872+/-34.813 χ^2/NDF : 28.8/20

In: 35.337+/-49.794 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.872+/-34.813 χ^2/NDF : 28.8/20

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: 99.415+/-0.034 χ^2/NDF : 370023.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

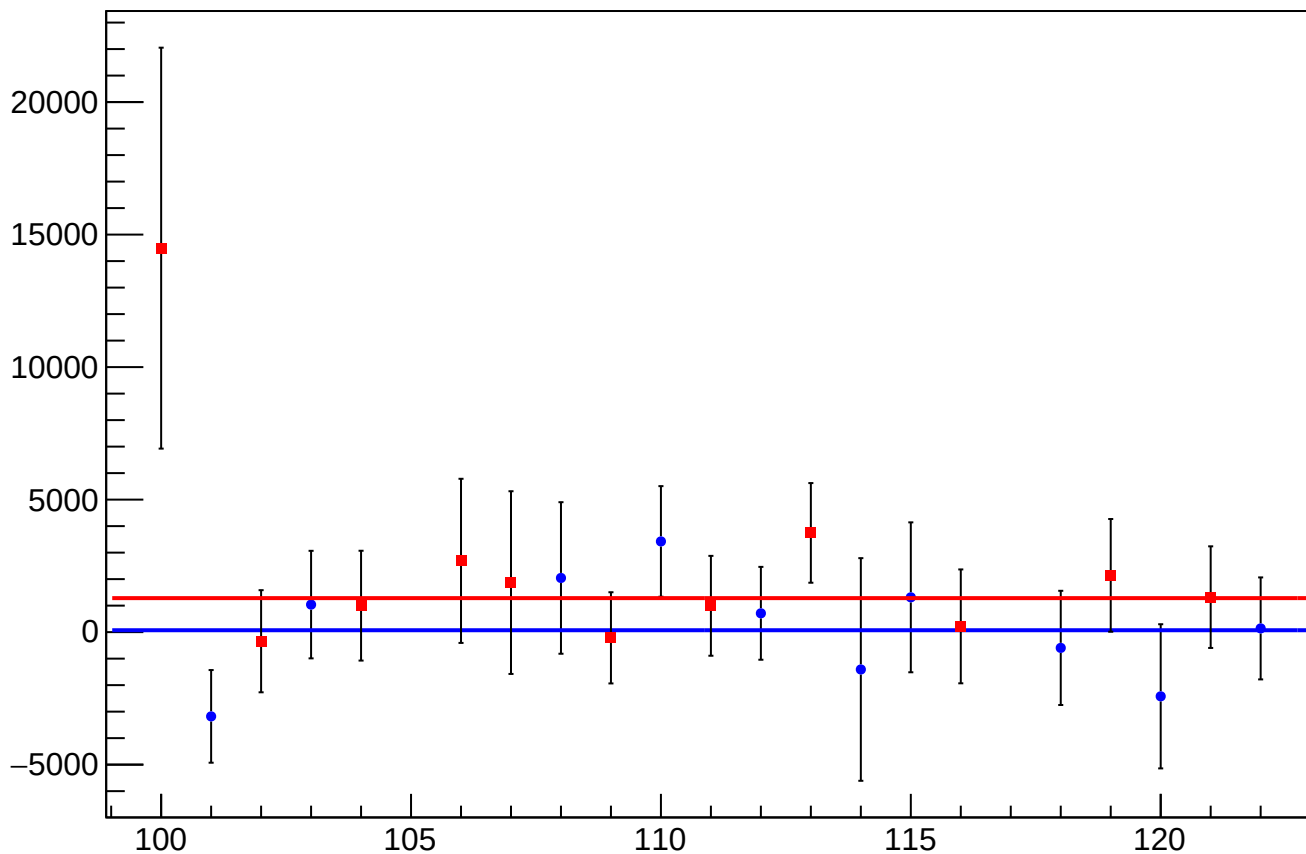
Right: 98.459+/-0.025 χ^2/NDF : 704746.1/20

In: 97.460+/-0.035 χ^2/NDF : 333146.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.459+/-0.025 χ^2/NDF : 704746.1/20

asym_sam_2468_avg_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: 1283.004+/-656.454 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

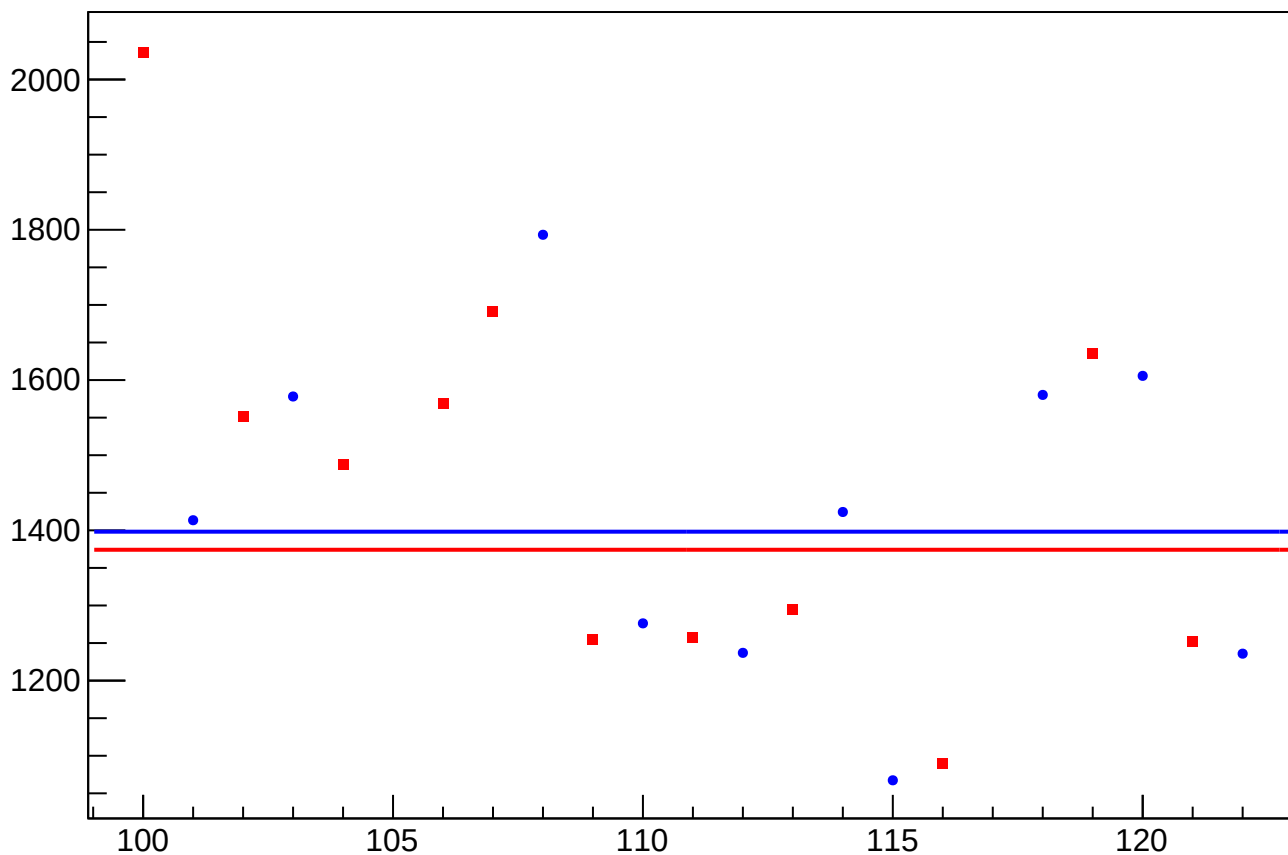
Right: 714.619+/-478.310 χ^2/NDF : 16.6/20

In: 71.362+/-698.354 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 714.619+/-478.310 χ^2/NDF : 16.6/20

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: 1374.161+/-0.464 χ^2/NDF : 157164.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

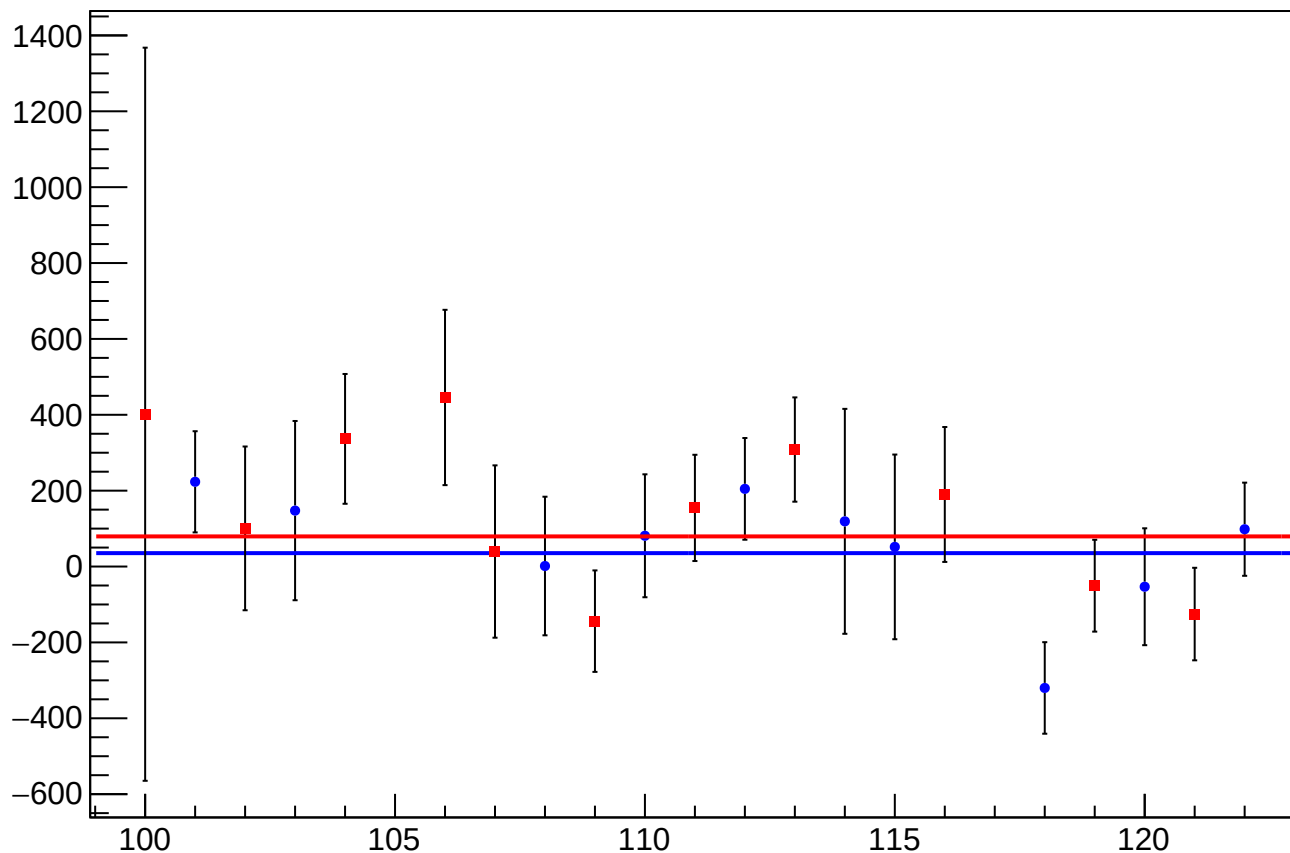
Right: 1385.447+/-0.338 χ^2/NDF : 303874.9/20

In: 1398.220+/-0.494 χ^2/NDF :145450.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1385.447+/-0.338 χ^2/NDF : 303874.9/20

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: 79.420+/-48.691 χ^2/NDF : 15.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

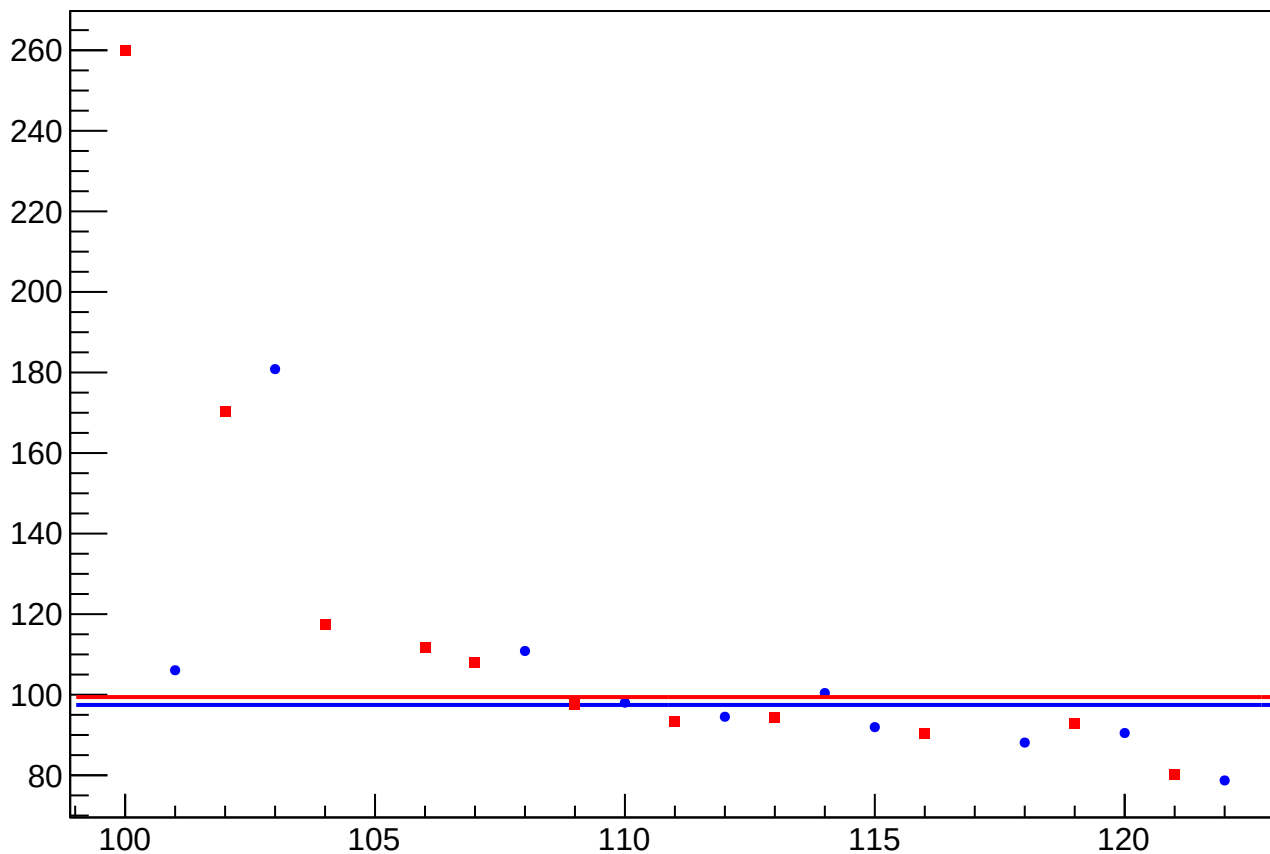
Right: 57.872+/-34.813 χ^2/NDF : 28.8/20

In: 35.337+/-49.794 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.872+/-34.813 χ^2/NDF : 28.8/20

eigen_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: 99.415+/-0.034 χ^2/NDF : 370023.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

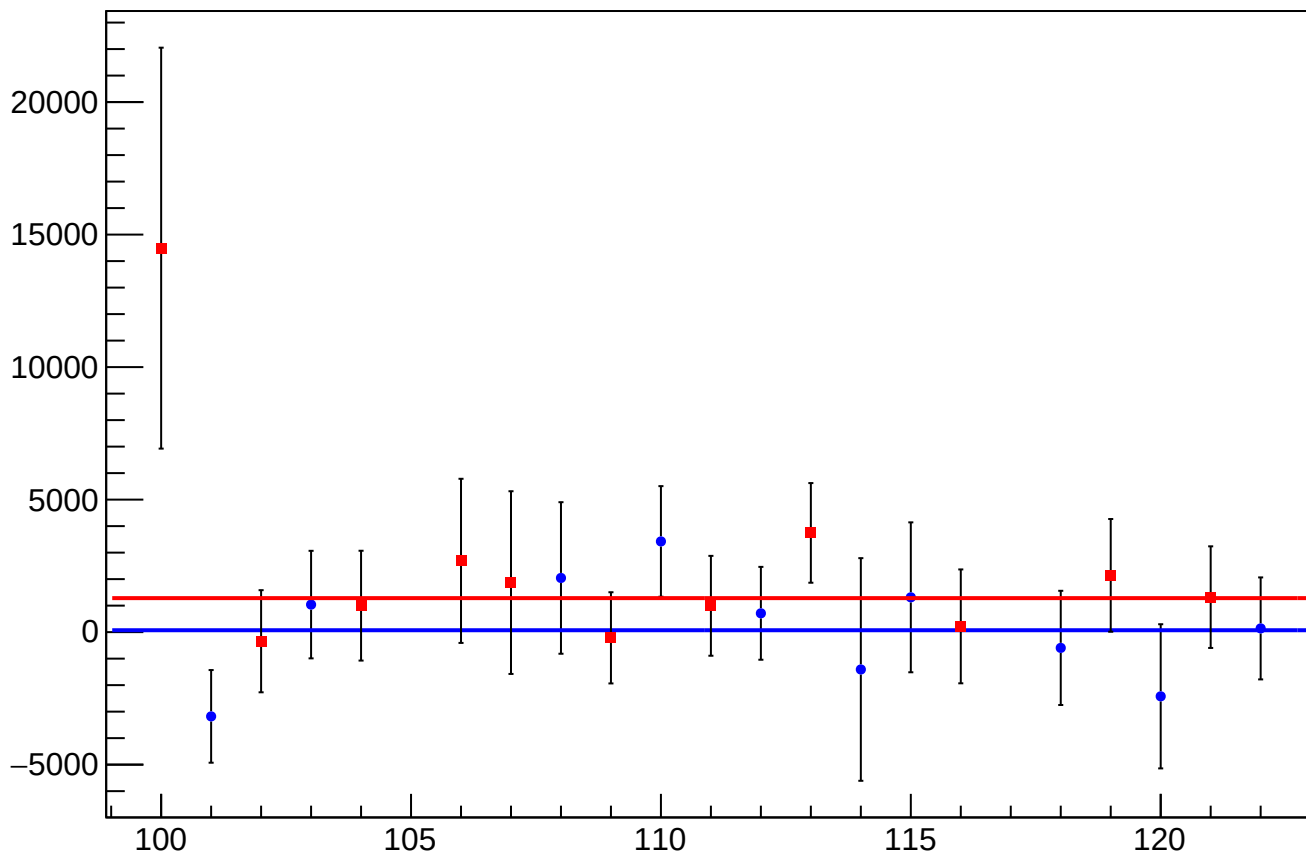
Right: 98.459+/-0.025 χ^2/NDF : 704746.1/20

In: 97.460+/-0.035 χ^2/NDF : 333146.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.459+/-0.025 χ^2/NDF : 704746.1/20

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: 1283.004+/-656.454 χ^2/NDF : 6.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

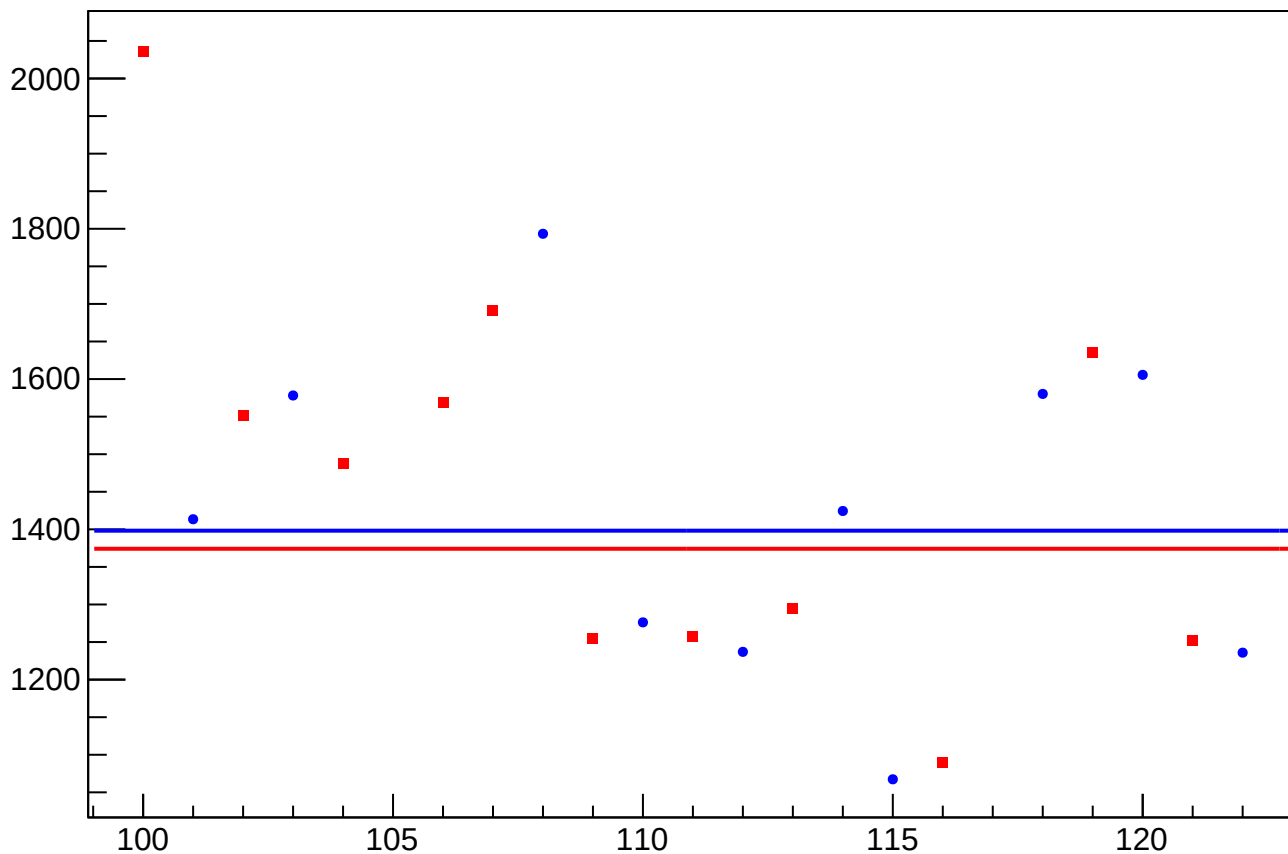
Right: 714.619+/-478.310 χ^2/NDF : 16.6/20

In: 71.362+/-698.354 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 714.619+/-478.310 χ^2/NDF : 16.6/20

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: 1374.161+/-0.464 χ^2/NDF : 157164.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

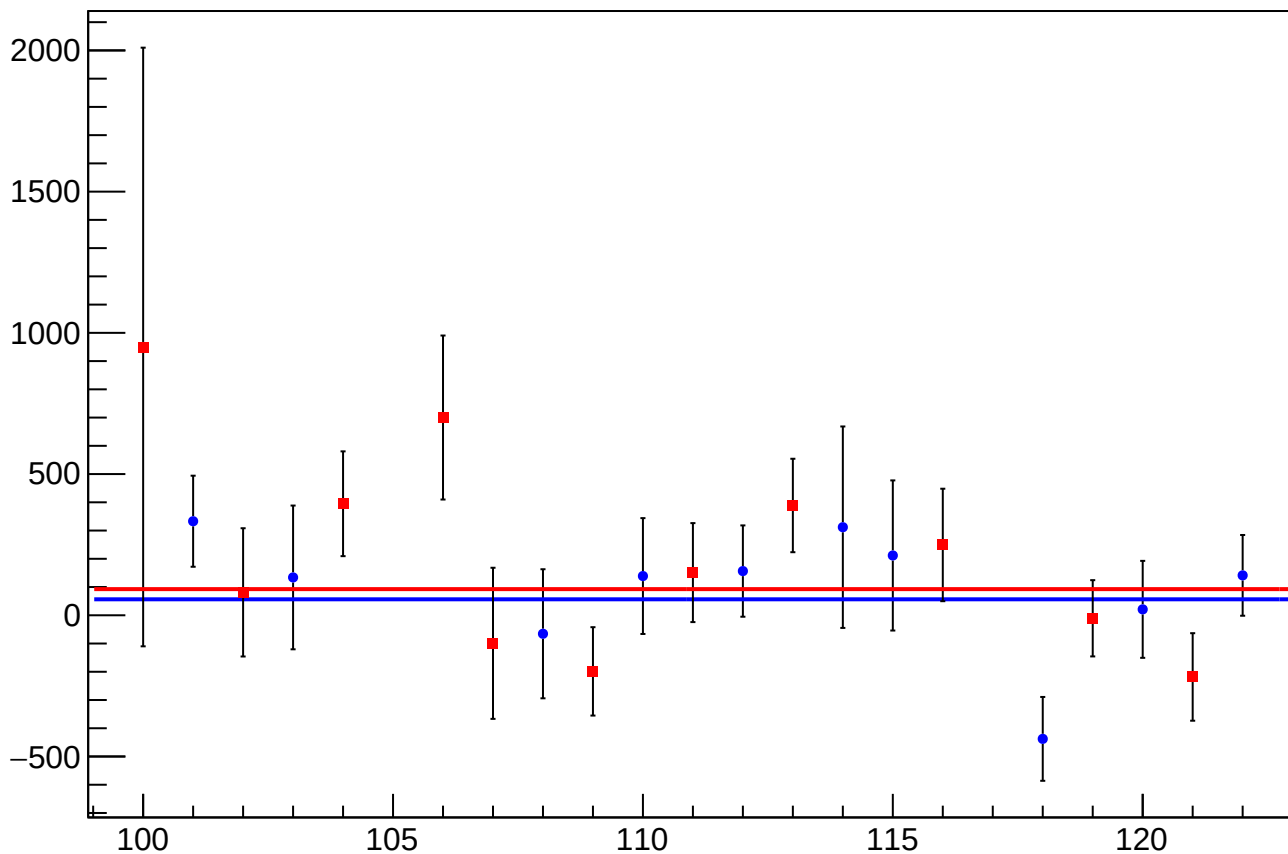
Right: 1385.447+/-0.338 χ^2/NDF : 303874.9/20

In: 1398.220+/-0.494 χ^2/NDF : 145450.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.447+/-0.338 χ^2/NDF : 303874.9/20

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: 92.628 $\pm$ 57.085 χ^2 /NDF: 20.2/10

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

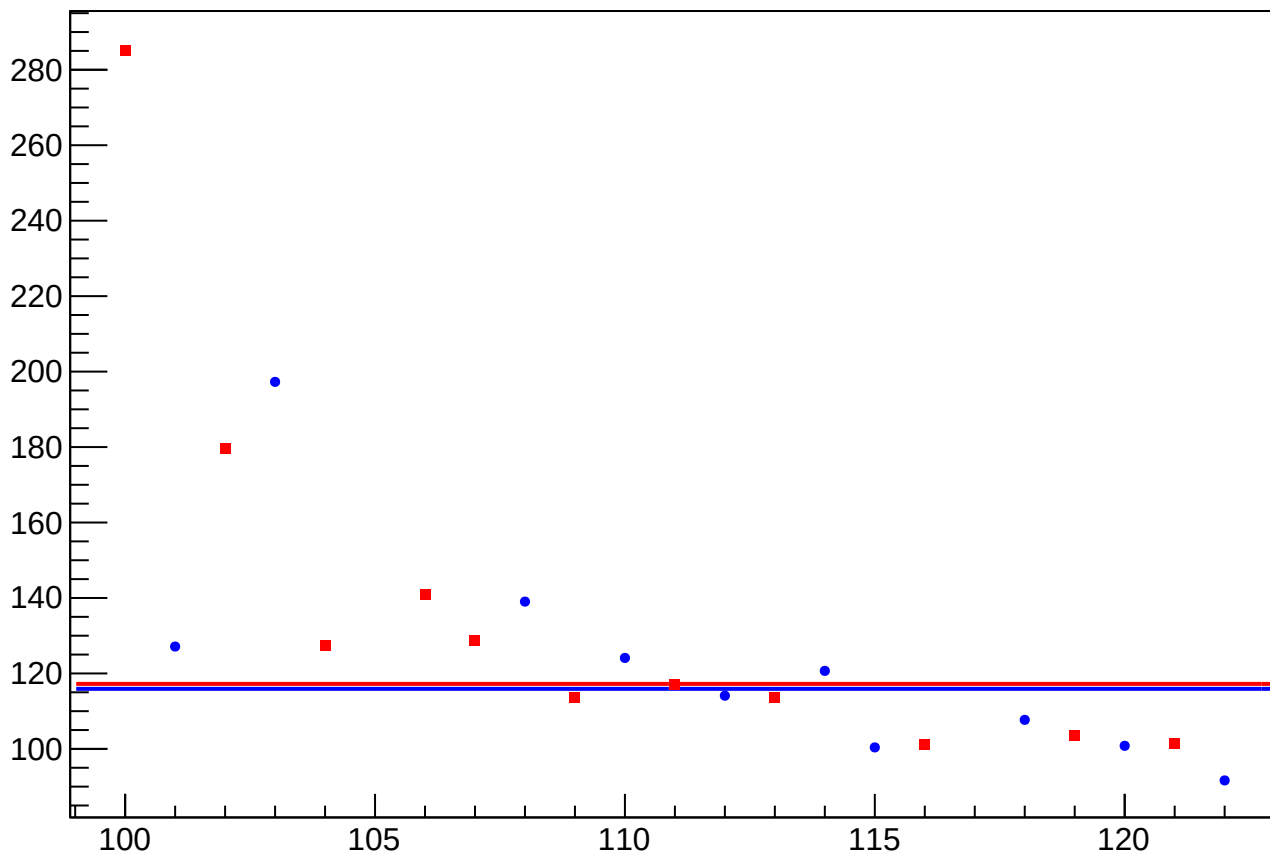
Right: 75.245 $\pm$ 41.091 χ^2 /NDF: 36.6/20

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: 75.245 $\pm$ 41.091 χ^2 /NDF: 36.6/20

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: 117.228+/-0.040 χ^2/NDF : 280919.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

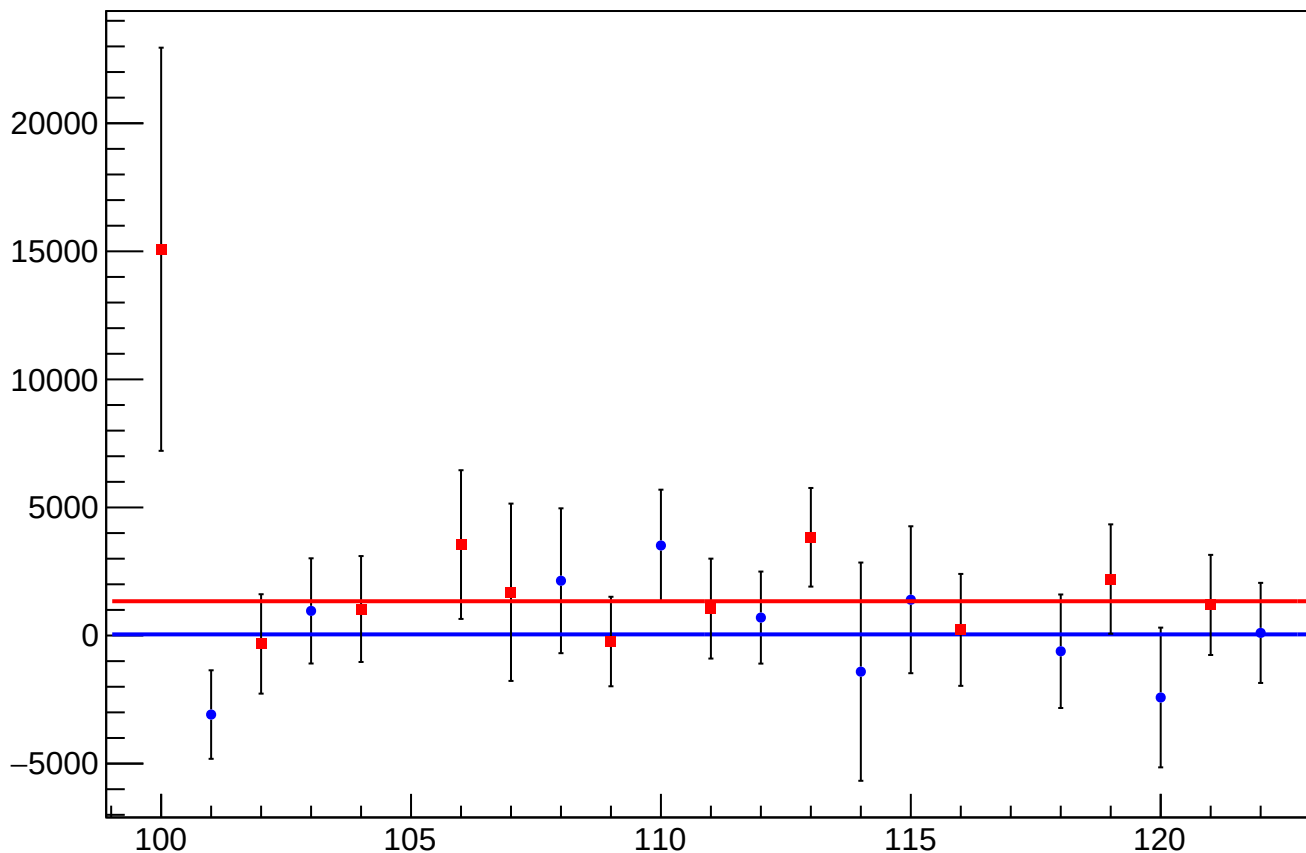
Right: 116.597+/-0.029 χ^2/NDF : 605892.4/20

In: 115.919+/-0.042 χ^2/NDF : 324466.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.597+/-0.029 χ^2/NDF : 605892.4/20

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: 1338.929+/-663.943 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

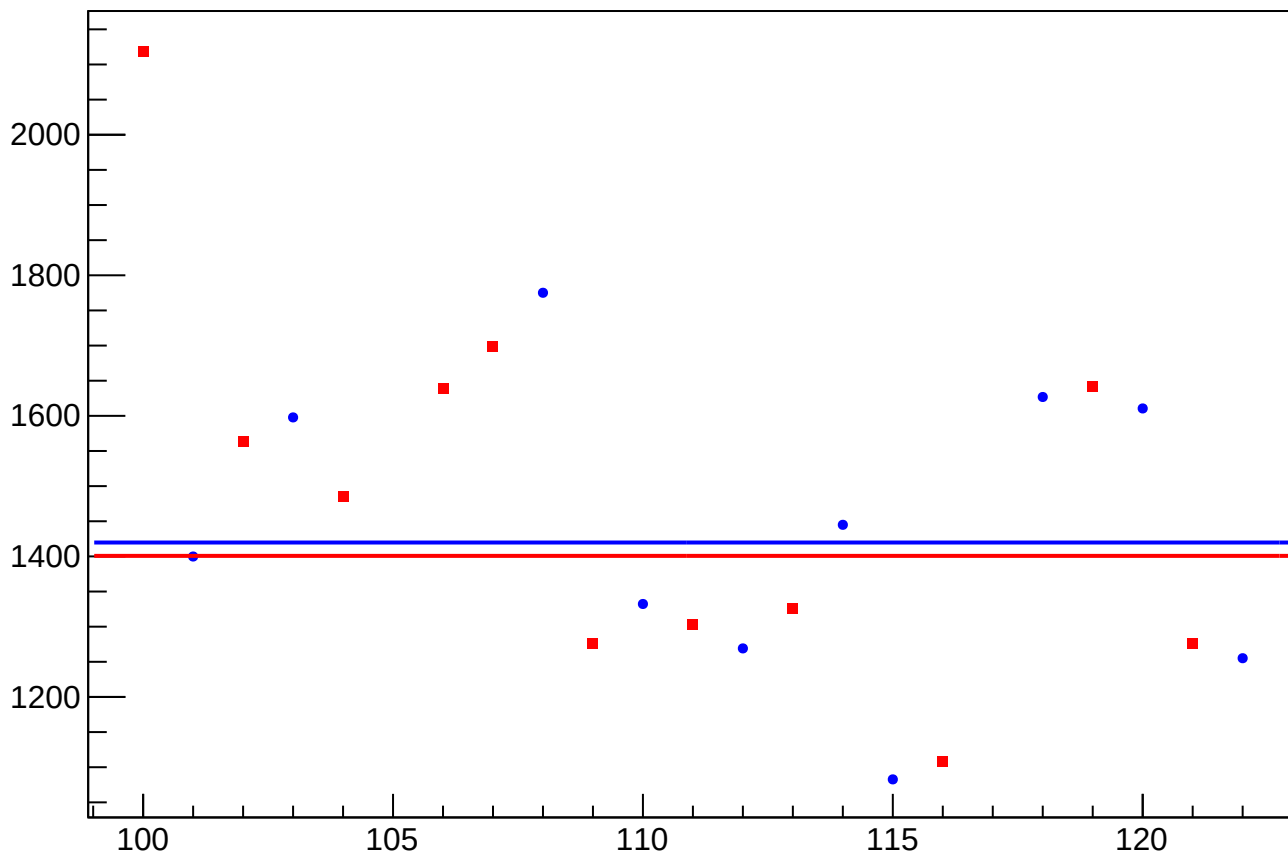
Right: 733.546+/-484.368 χ^2/NDF : 17.1/20

In: 44.773+/-708.197 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.546+/-484.368 χ^2/NDF : 17.1/20

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: 1400.738+/-0.469 χ^2/NDF : 149734.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

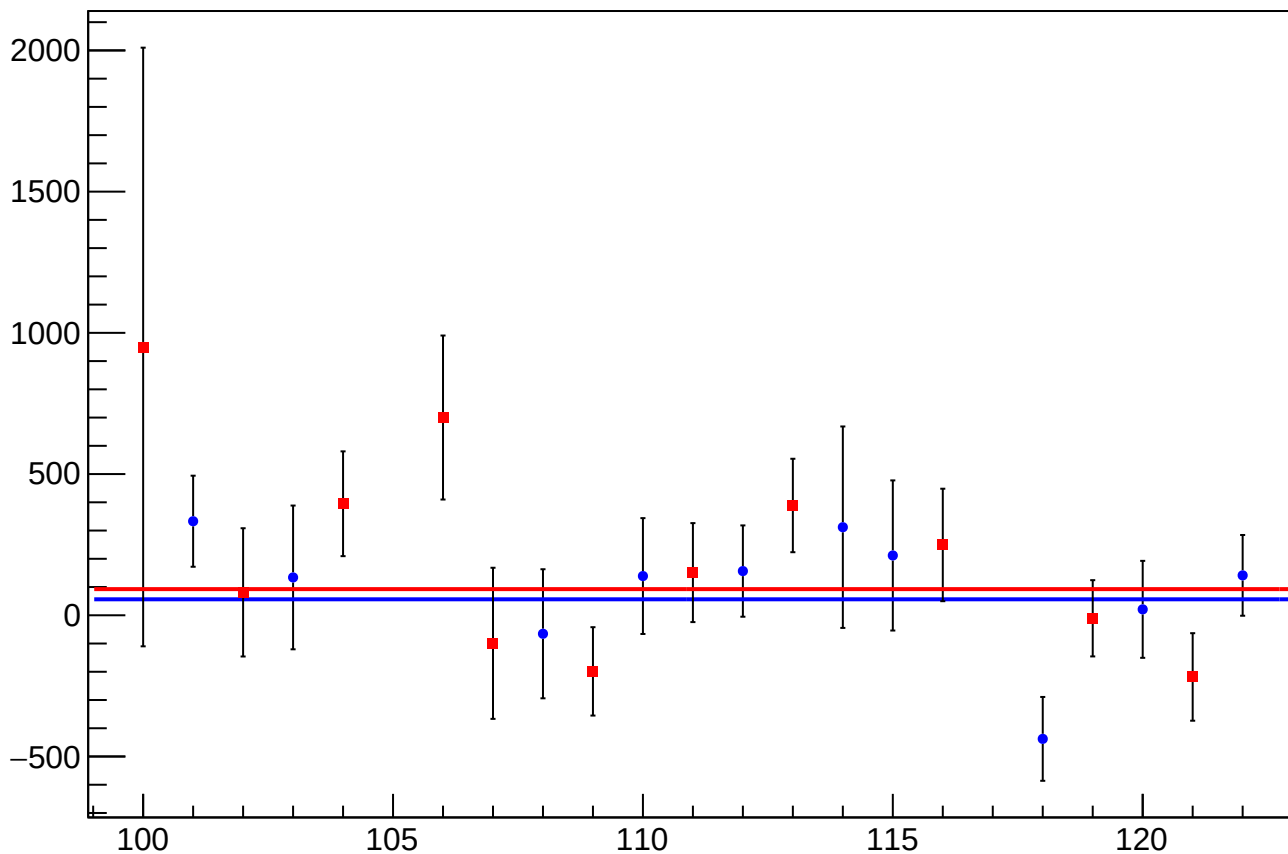
Right: 1409.633+/-0.343 χ^2/NDF : 283807.0/20

In: 1419.753+/-0.501 χ^2/NDF :133305.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1409.633+/-0.343 χ^2/NDF : 283807.0/20

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: 92.626 $\pm$ 57.084 χ^2 /NDF: 20.2/10

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

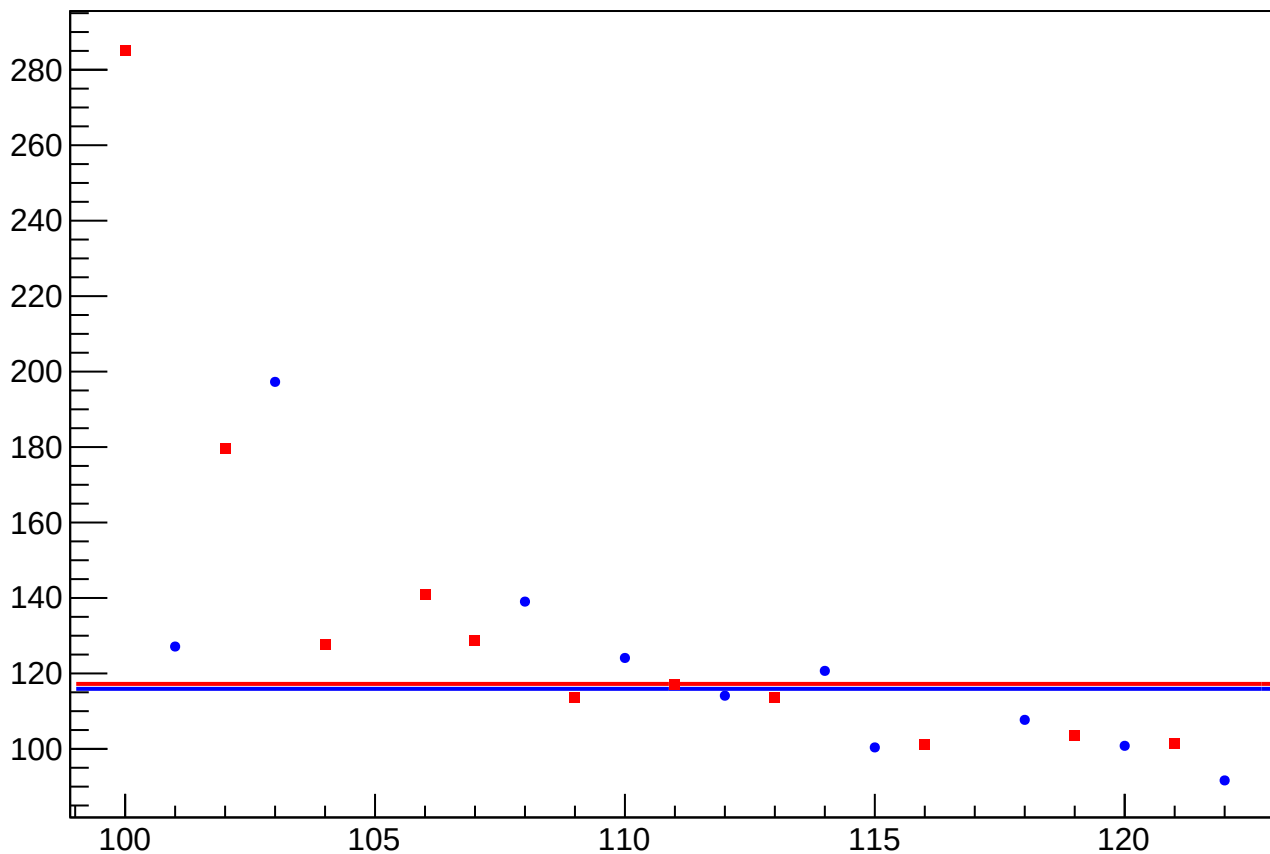
Right: 75.243 $\pm$ 41.090 χ^2 /NDF: 36.6/20

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: 75.243 $\pm$ 41.090 χ^2 /NDF: 36.6/20

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: 117.227+/-0.040 χ^2/NDF : 280920.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

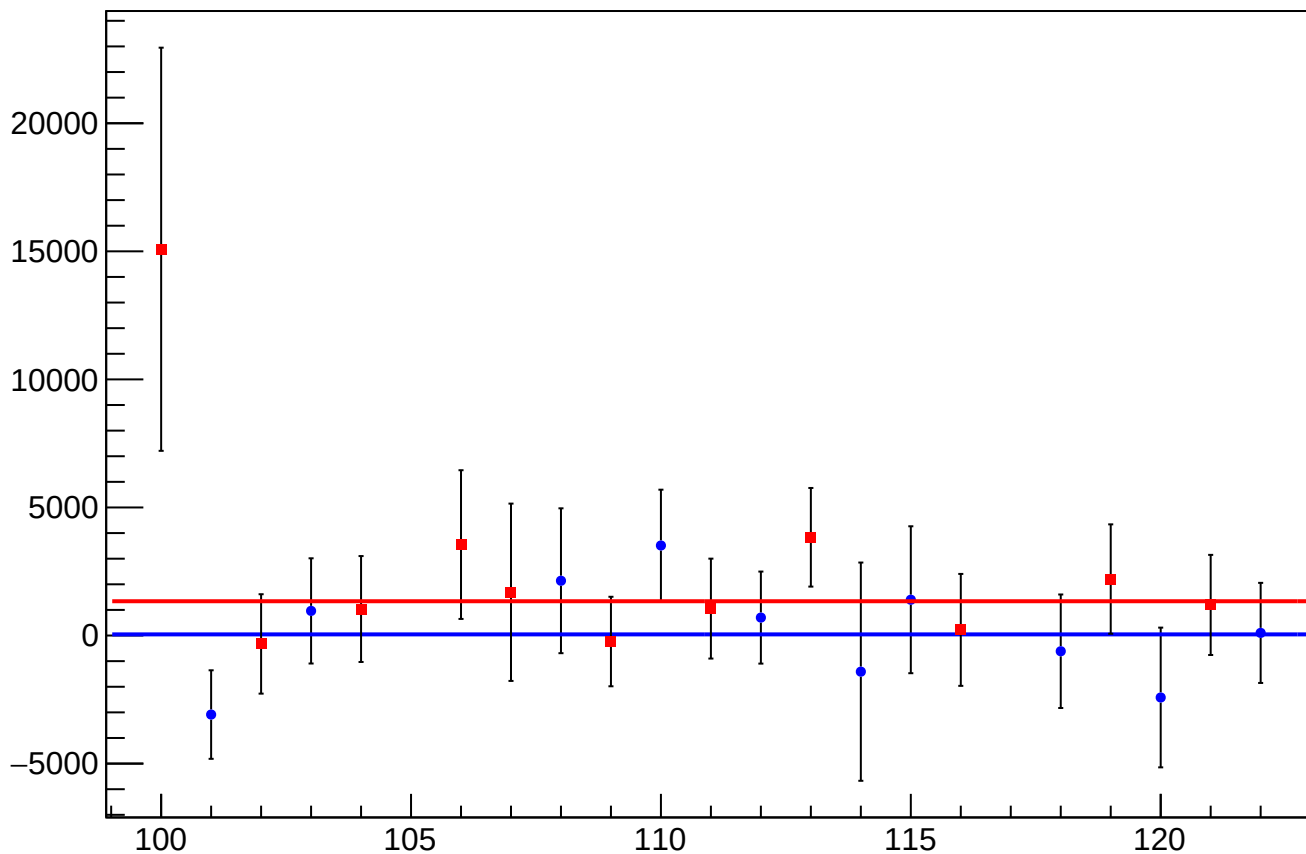
Right: 116.597+/-0.029 χ^2/NDF : 605890.3/20

In: 115.919+/-0.042 χ^2/NDF : 324463.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.597+/-0.029 χ^2/NDF : 605890.3/20

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: 1338.927+/-663.941 χ^2/NDF : 7.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

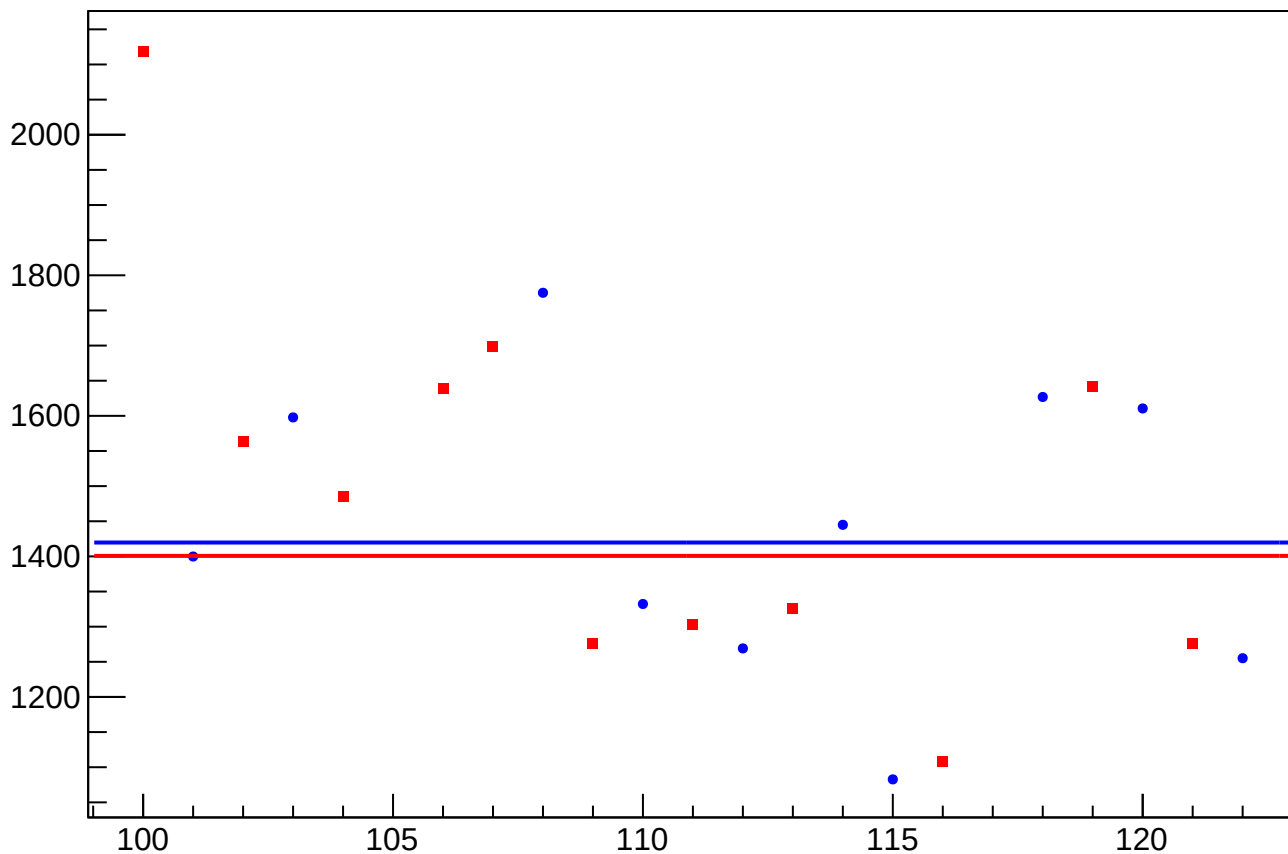
Right: 733.547+/-484.367 χ^2/NDF : 17.1/20

In: 44.776+/-708.195 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.547+/-484.367 χ^2/NDF : 17.1/20

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: 1400.734+/-0.469 χ^2/NDF : 149735.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

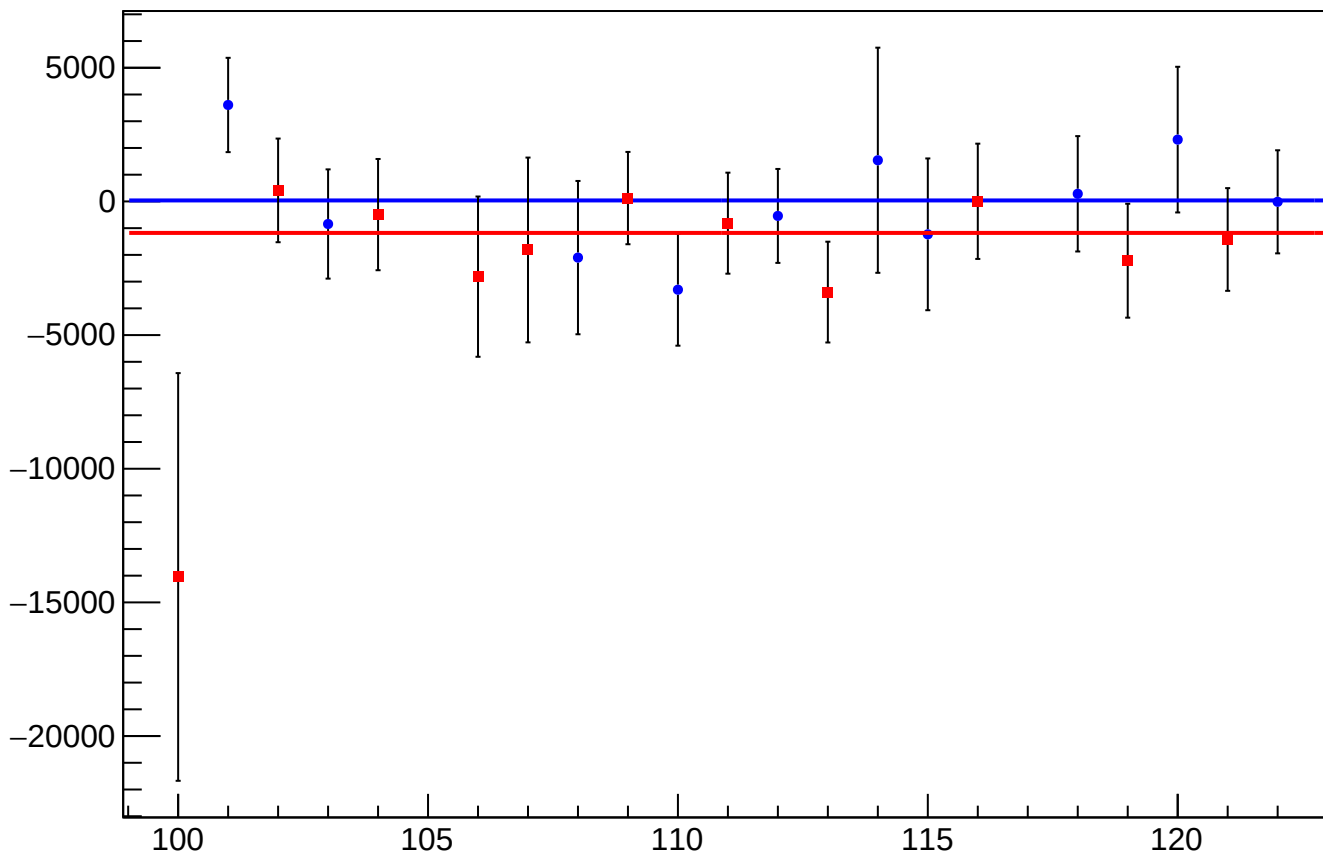
Right: 1409.629+/-0.342 χ^2/NDF : 283808.7/20

In: 1419.749+/-0.501 χ^2/NDF : 133306.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1409.629+/-0.342 χ^2/NDF : 283808.7/20

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: -1178.052+/-657.625 χ^2/NDF : 6.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

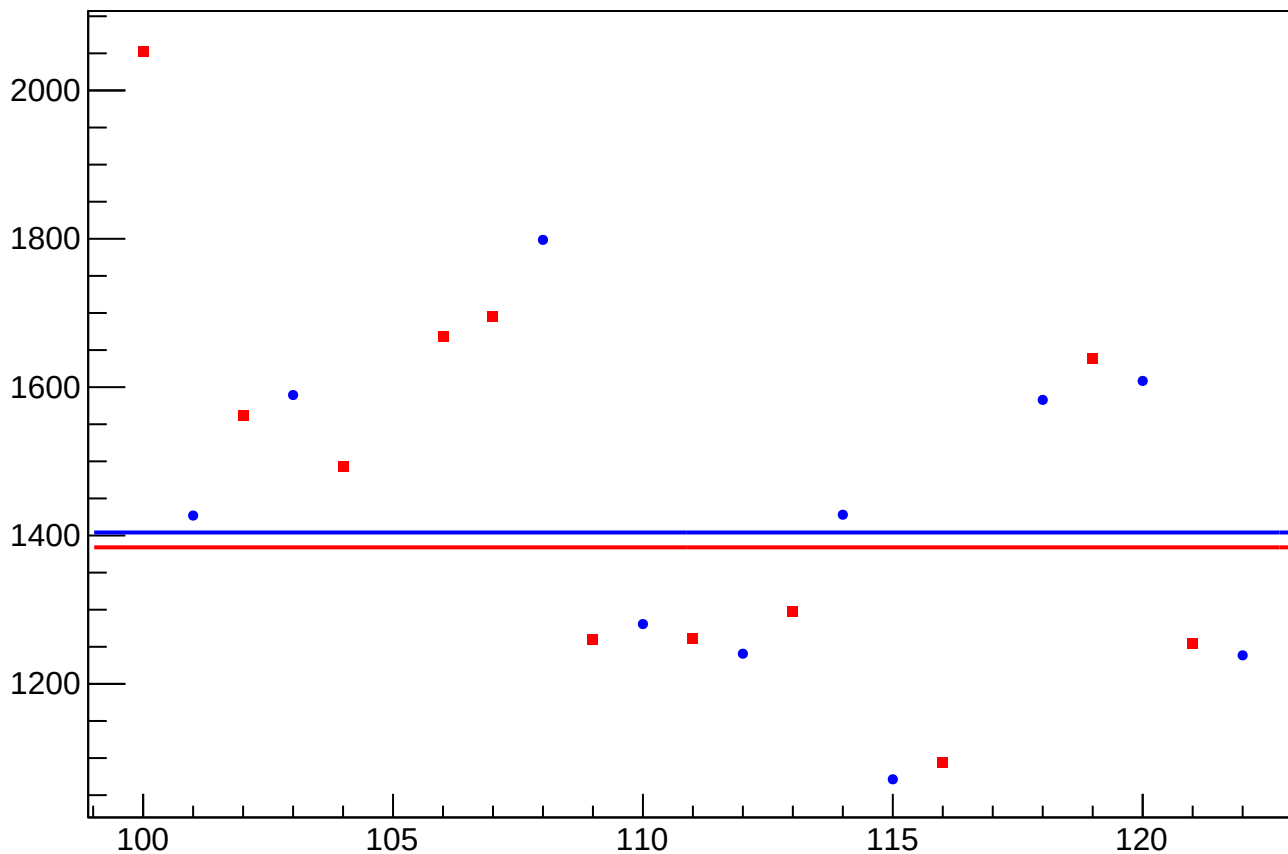
Right: -609.493+/-479.705 χ^2/NDF : 16.6/20

In: 37.071+/-701.288 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -609.493+/-479.705 χ^2/NDF : 16.6/20

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: 1384.069+/-0.465 χ^2/NDF : 168693.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

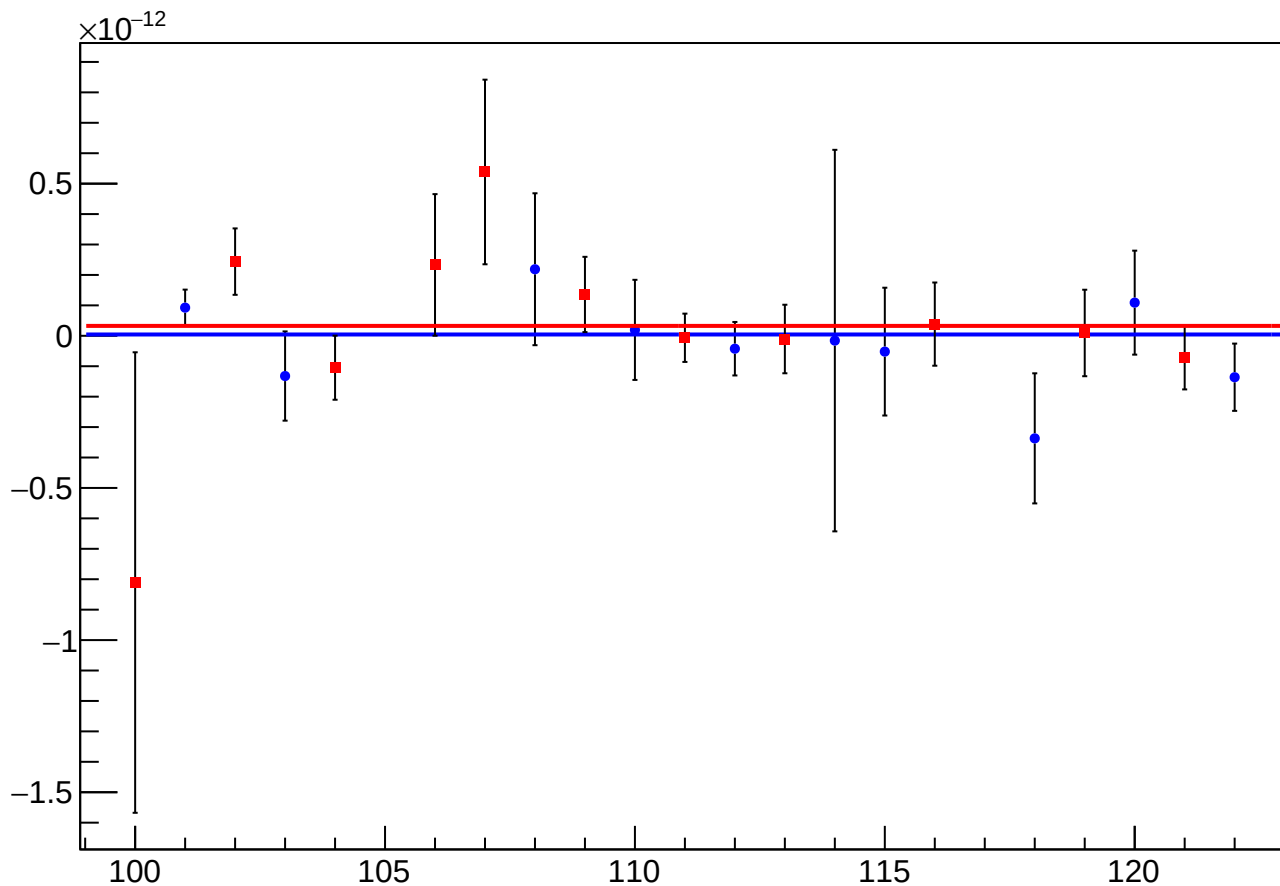
Right: 1393.446+/-0.339 χ^2/NDF : 315700.5/20

In: 1404.110+/-0.496 χ^2/NDF : 146138.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1393.446+/-0.339 χ^2/NDF : 315700.5/20

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 : 12.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

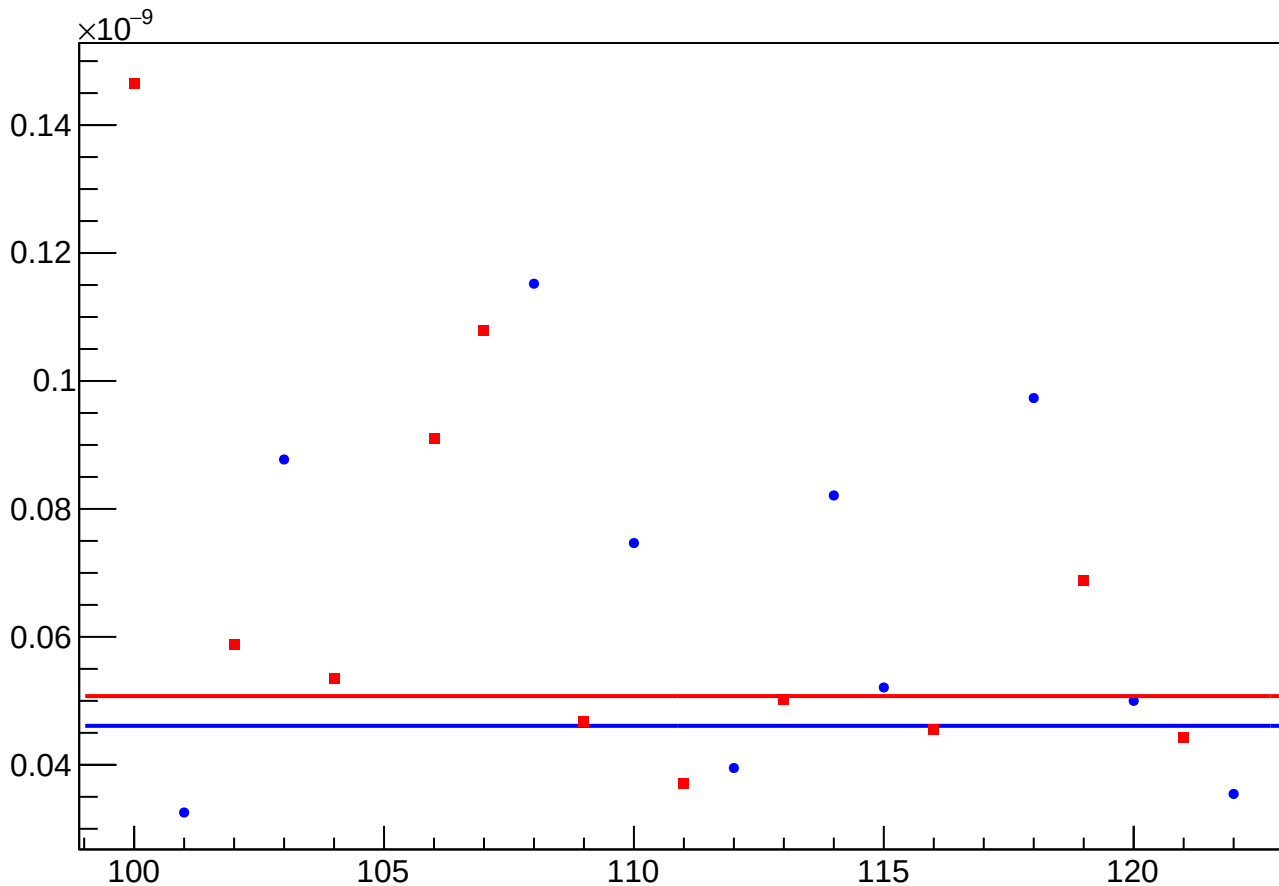
Right: 0.000+/-0.000 χ^2/NDF : 21.3/20

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 : 21.3/20

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 : 278865.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

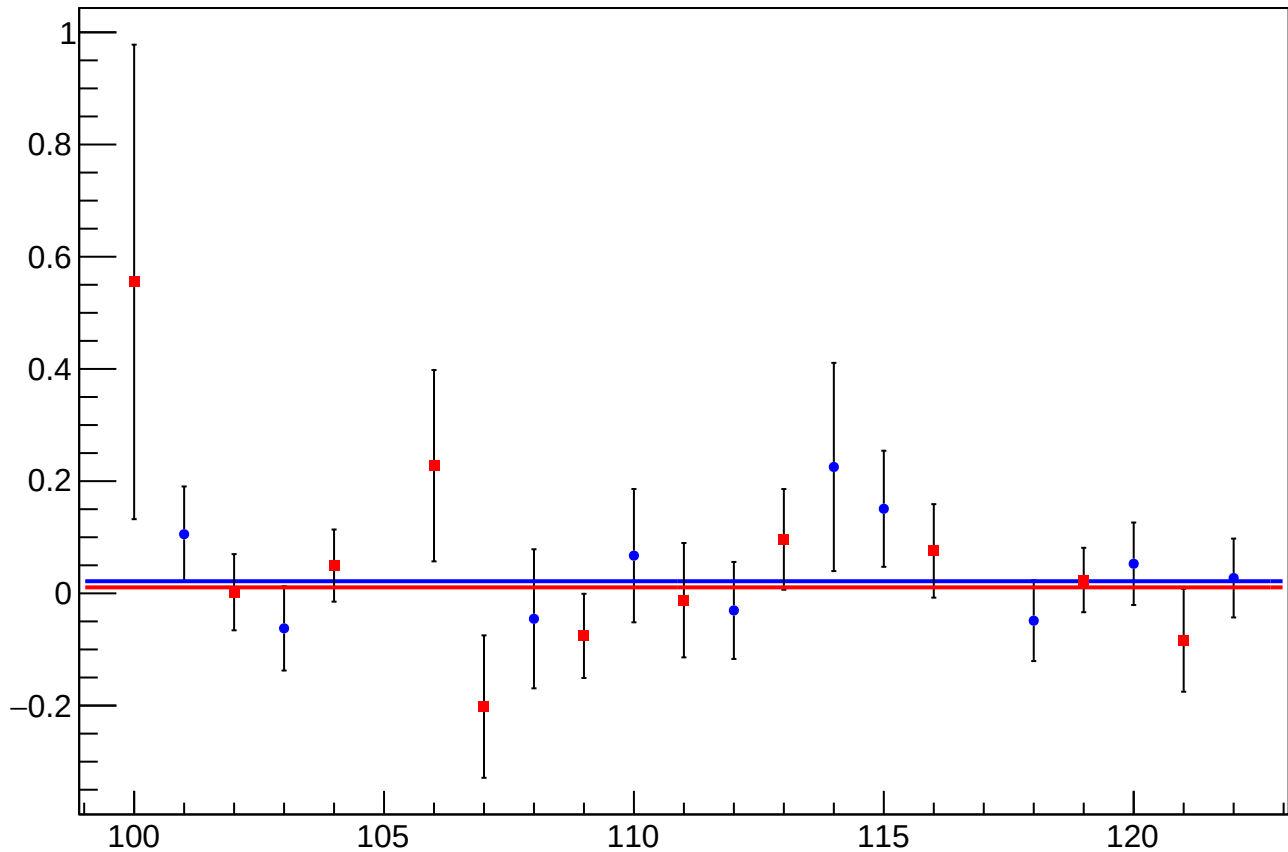
Right: 0.000+/-0.000 χ^2/NDF : 927109.3/20

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 : 927109.3/20

asym_sam_2468_avg_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: 0.011+/-0.026 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

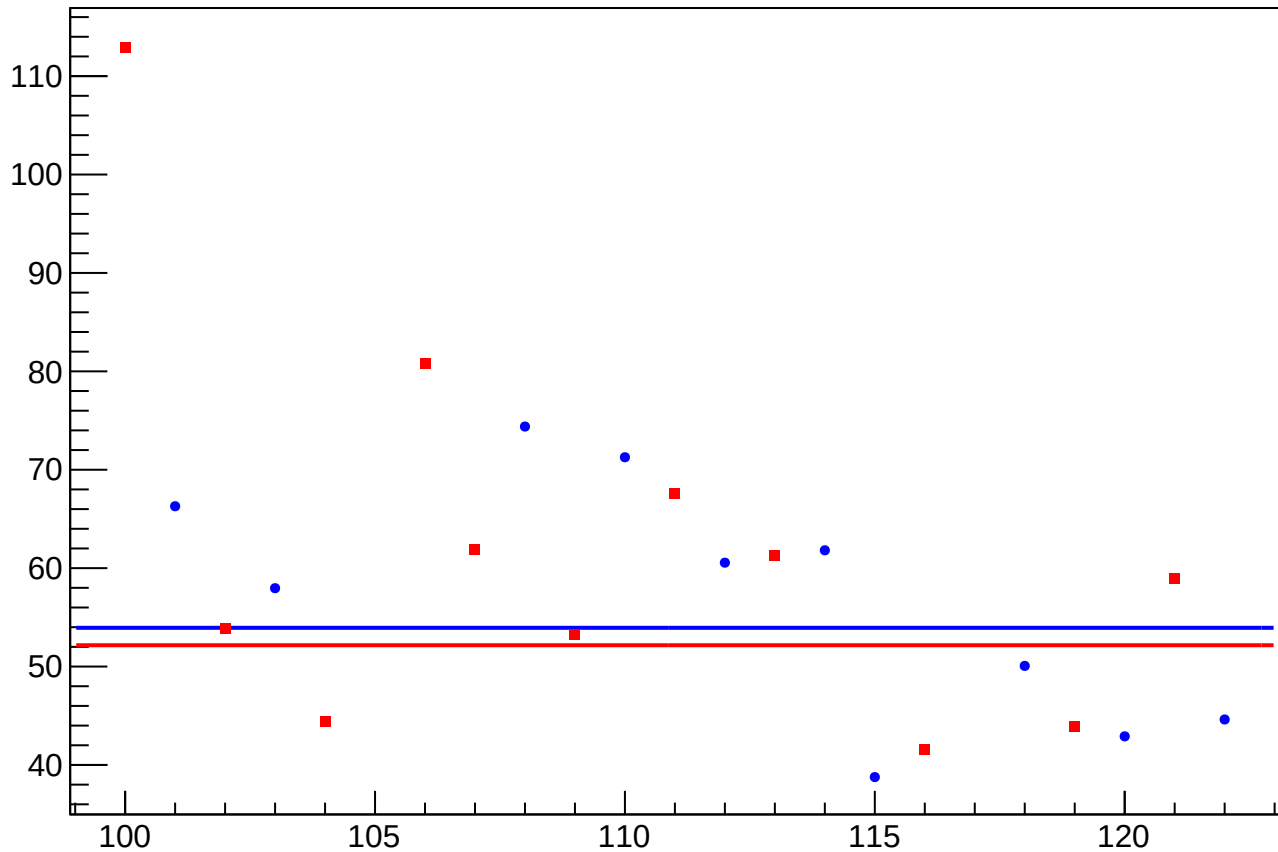
Right: 0.016+/-0.019 χ^2/NDF : 17.5/20

In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.019 χ^2/NDF : 17.5/20

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: 52.167+/-0.018 χ^2/NDF : 291320.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

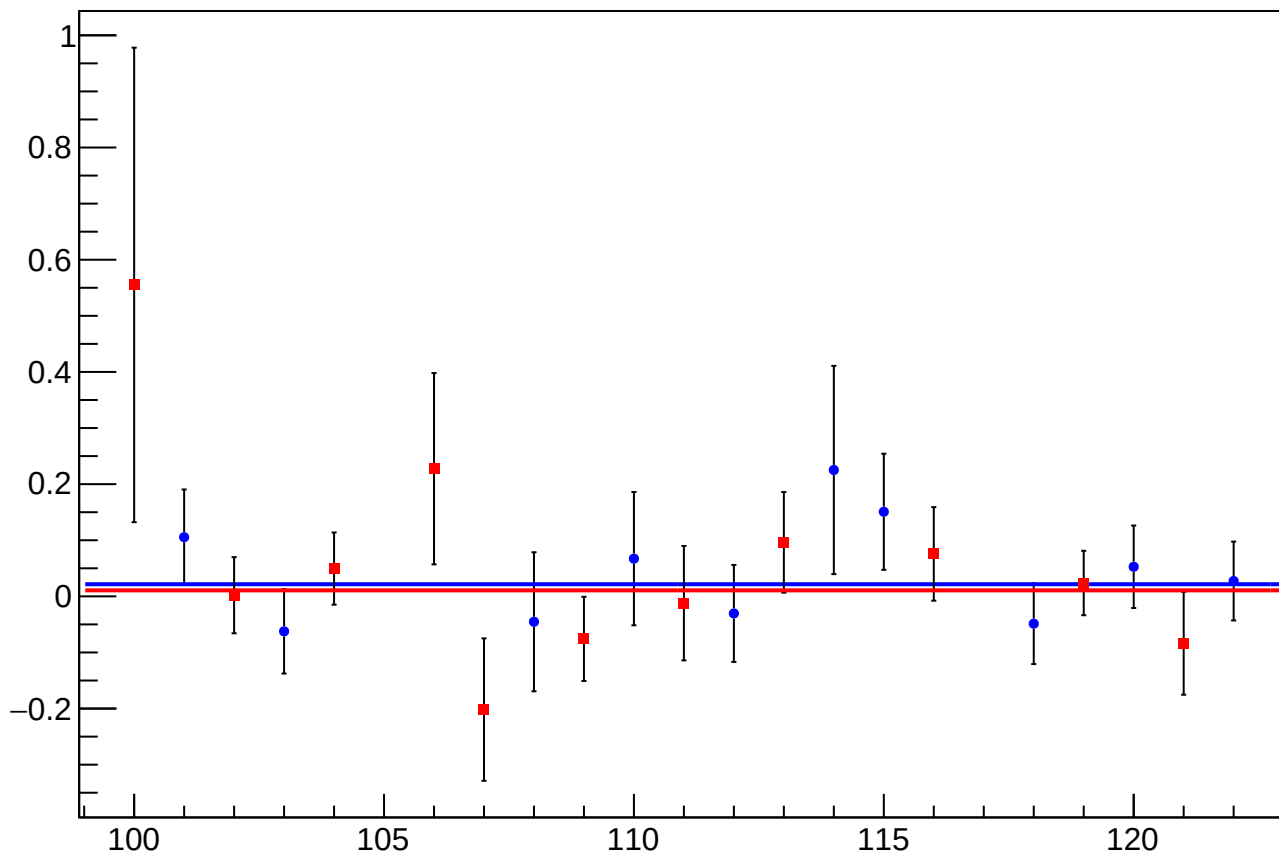
Right: 52.977+/-0.013 χ^2/NDF : 584981.9/20

In: 53.938+/-0.020 χ^2/NDF :289279.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.977+/-0.013 χ^2/NDF : 584981.9/20

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: 0.011+/-0.026 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

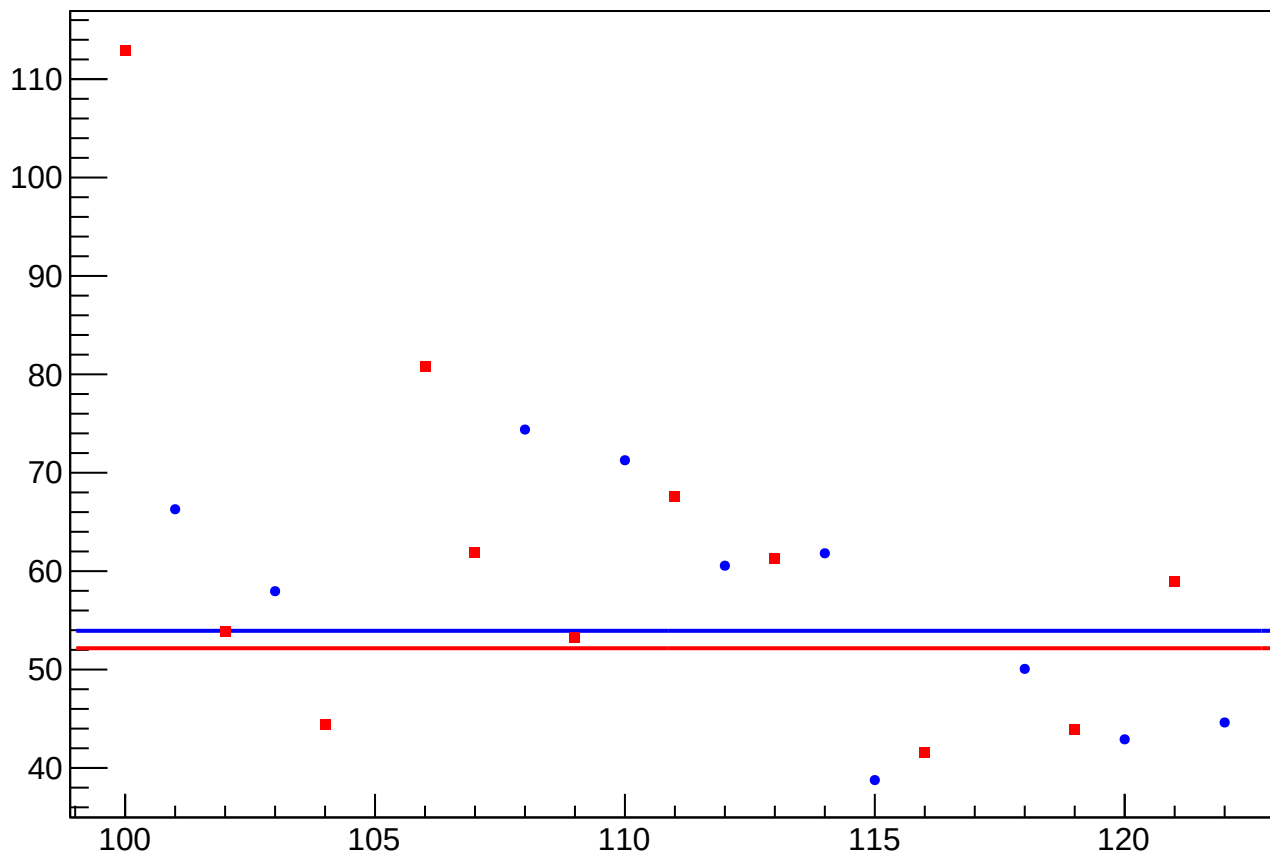
Right: 0.016+/-0.019 χ^2/NDF : 17.5/20

In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.019 χ^2/NDF : 17.5/20

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: 52.167+/-0.018 χ^2/NDF : 291320.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

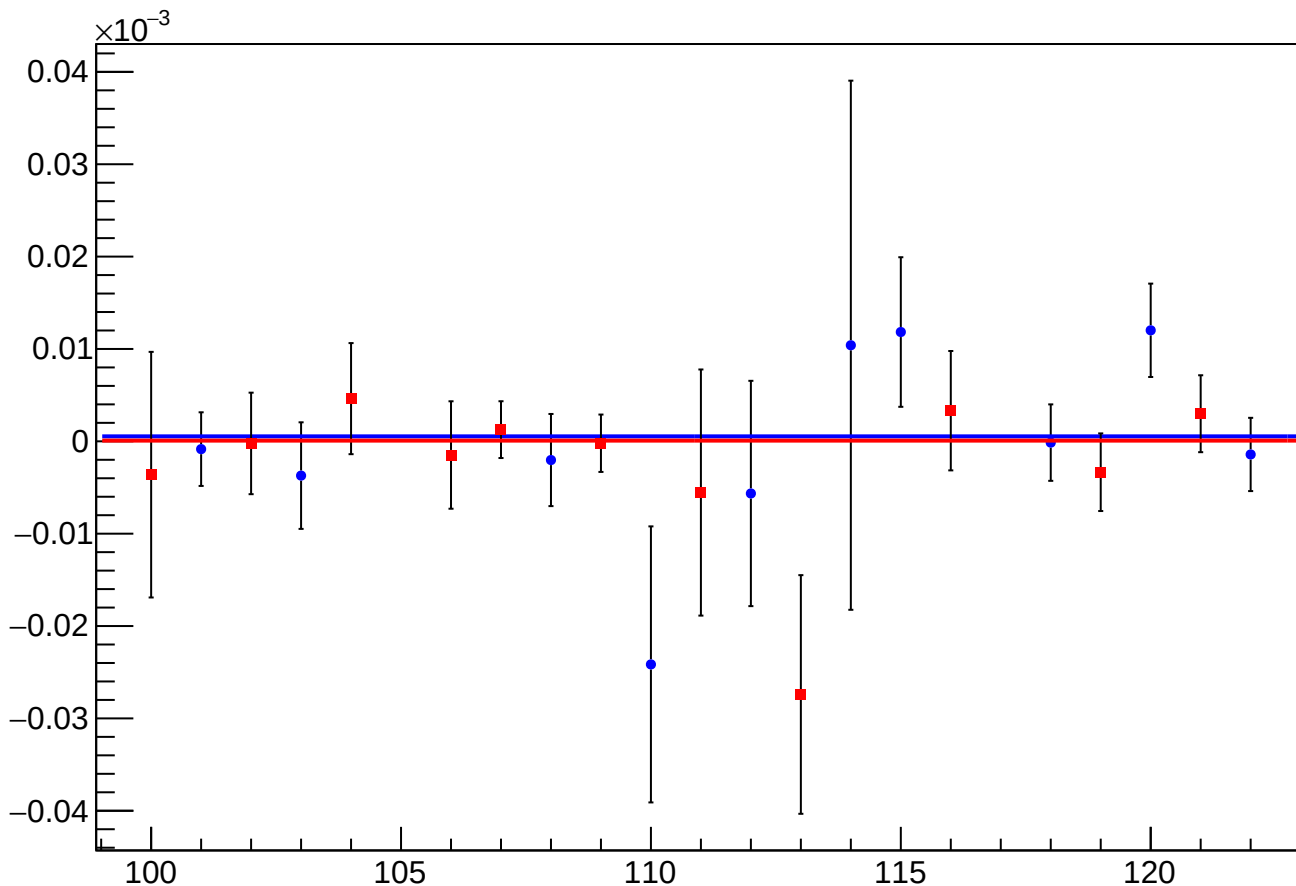
Right: 52.977+/-0.013 χ^2/NDF : 584981.9/20

In: 53.938+/-0.020 χ^2/NDF : 289279.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.977+/-0.013 χ^2/NDF : 584981.9/20

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 : 7.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

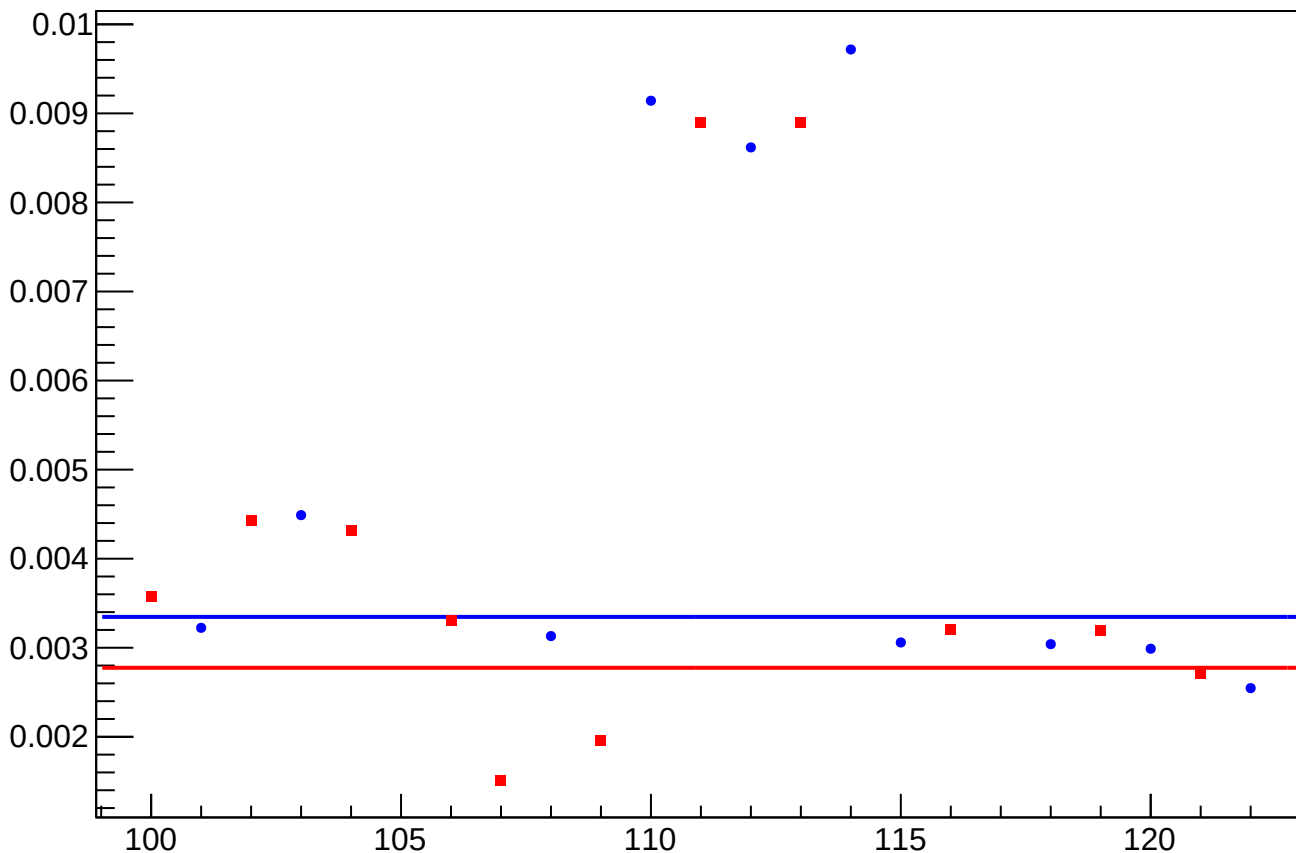
Right: 0.000+/-0.000 χ^2/NDF : 18.4/20

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 : 18.4/20

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 : 1714233.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

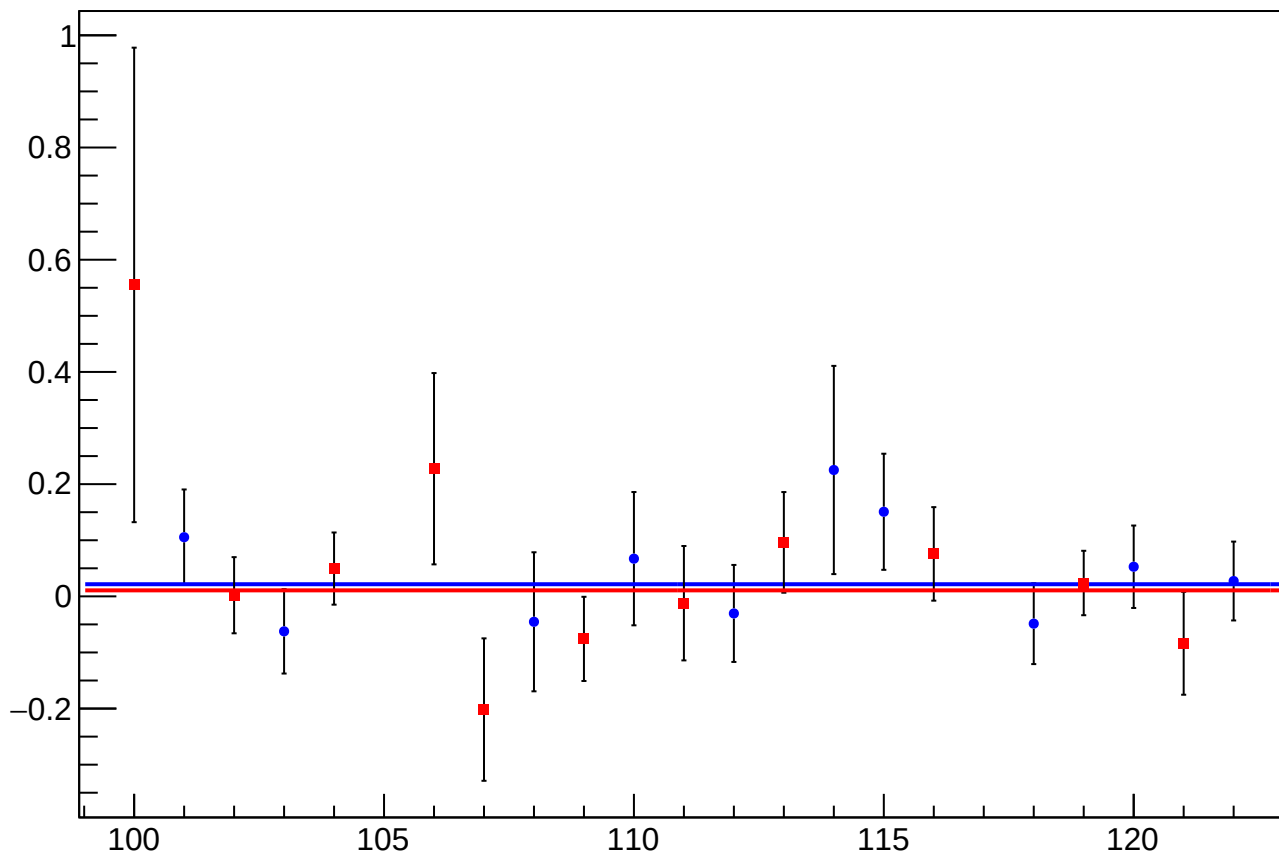
Right: 0.003+/-0.000 χ^2/NDF : 2799577.9/20

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 : 2799577.9/20

asym_sam_2468_avg_eigen_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: 0.011 $\pm$ 0.026 χ^2 /NDF: 10.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

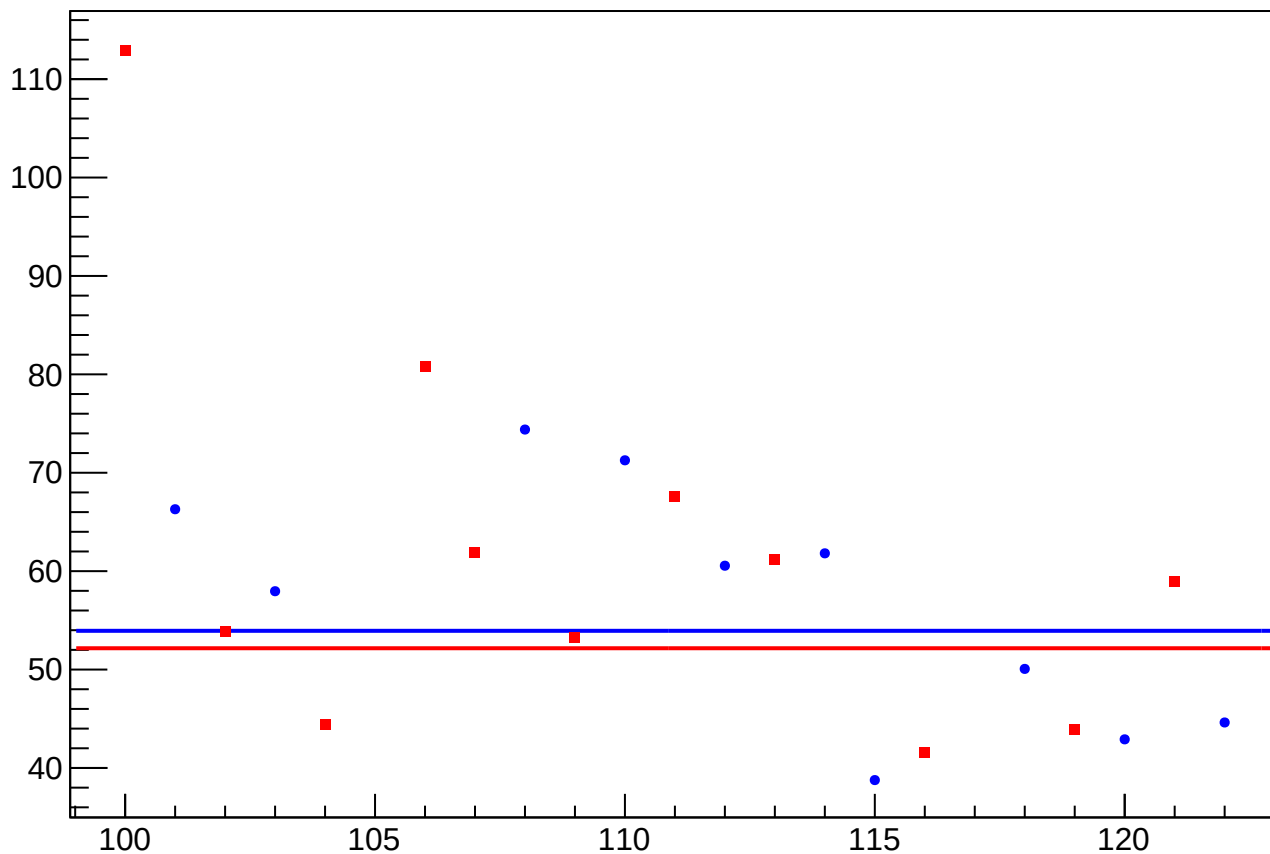
Right: 0.016 $\pm$ 0.019 χ^2 /NDF: 17.5/20

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: 0.016 $\pm$ 0.019 χ^2 /NDF: 17.5/20

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: 52.166+/-0.018 χ^2/NDF : 291266.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

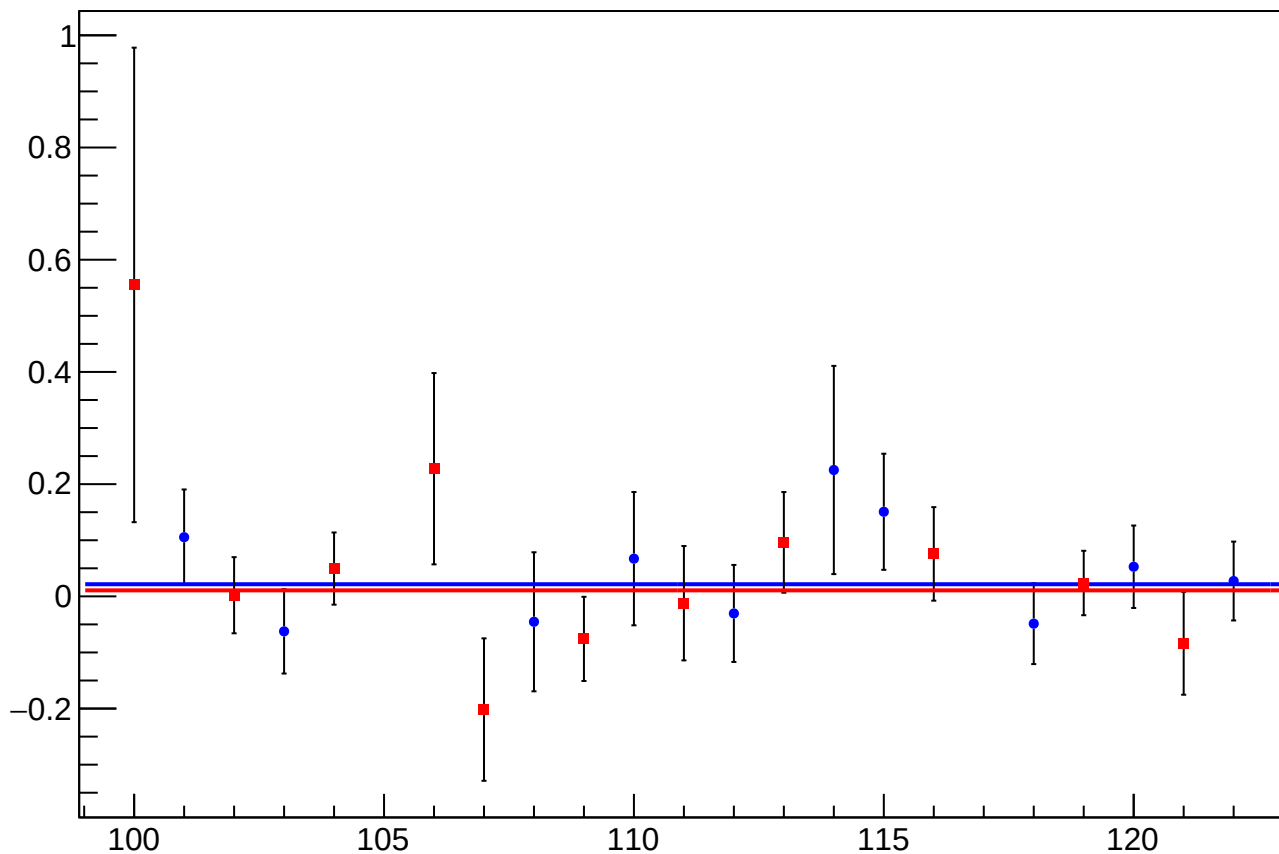
Right: 52.977+/-0.013 χ^2/NDF : 584895.4/20

In: 53.937+/-0.020 χ^2/NDF : 289246.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.977+/-0.013 χ^2/NDF : 584895.4/20

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: 0.011+/-0.026 χ^2/NDF : 10.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

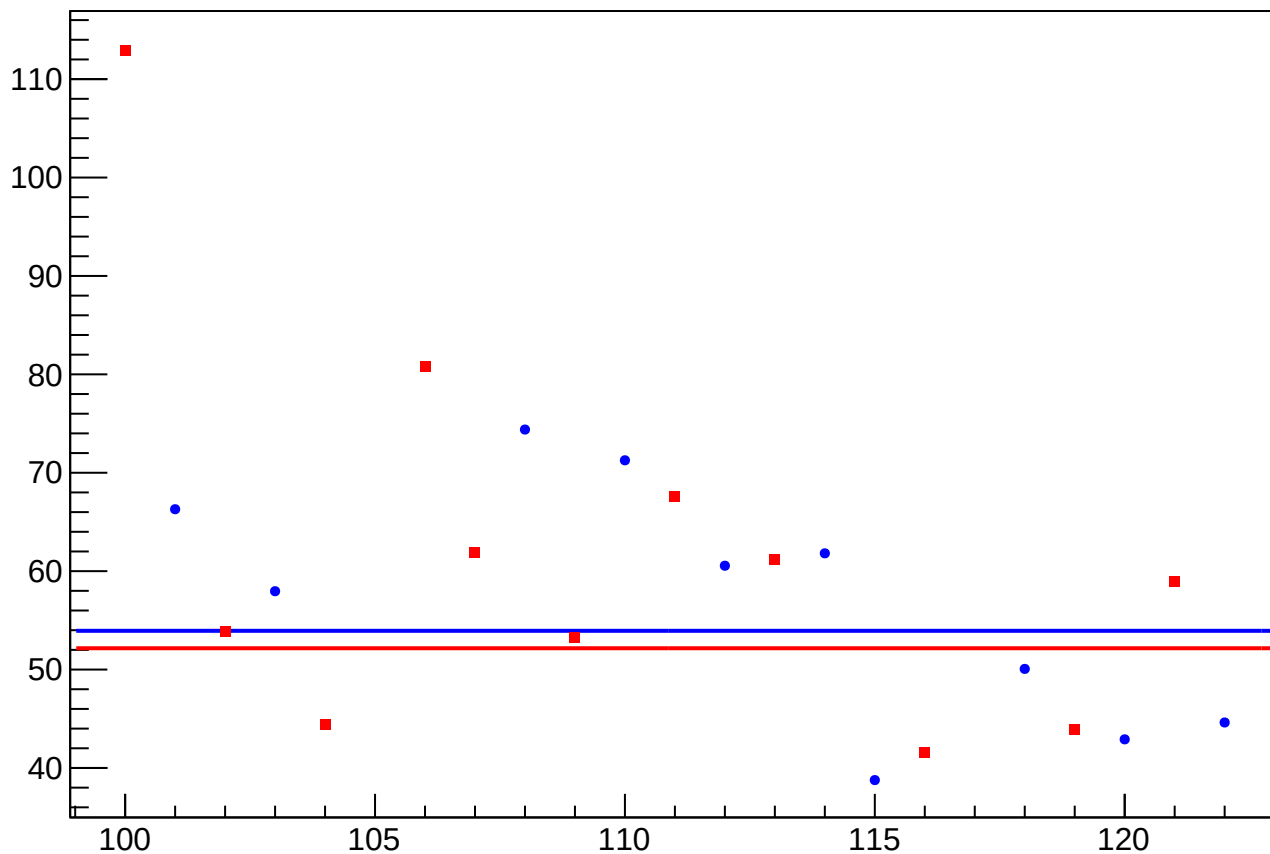
Right: 0.016+/-0.019 χ^2/NDF : 17.5/20

In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.019 χ^2/NDF : 17.5/20

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: 52.166+/-0.018 χ^2/NDF : 291266.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

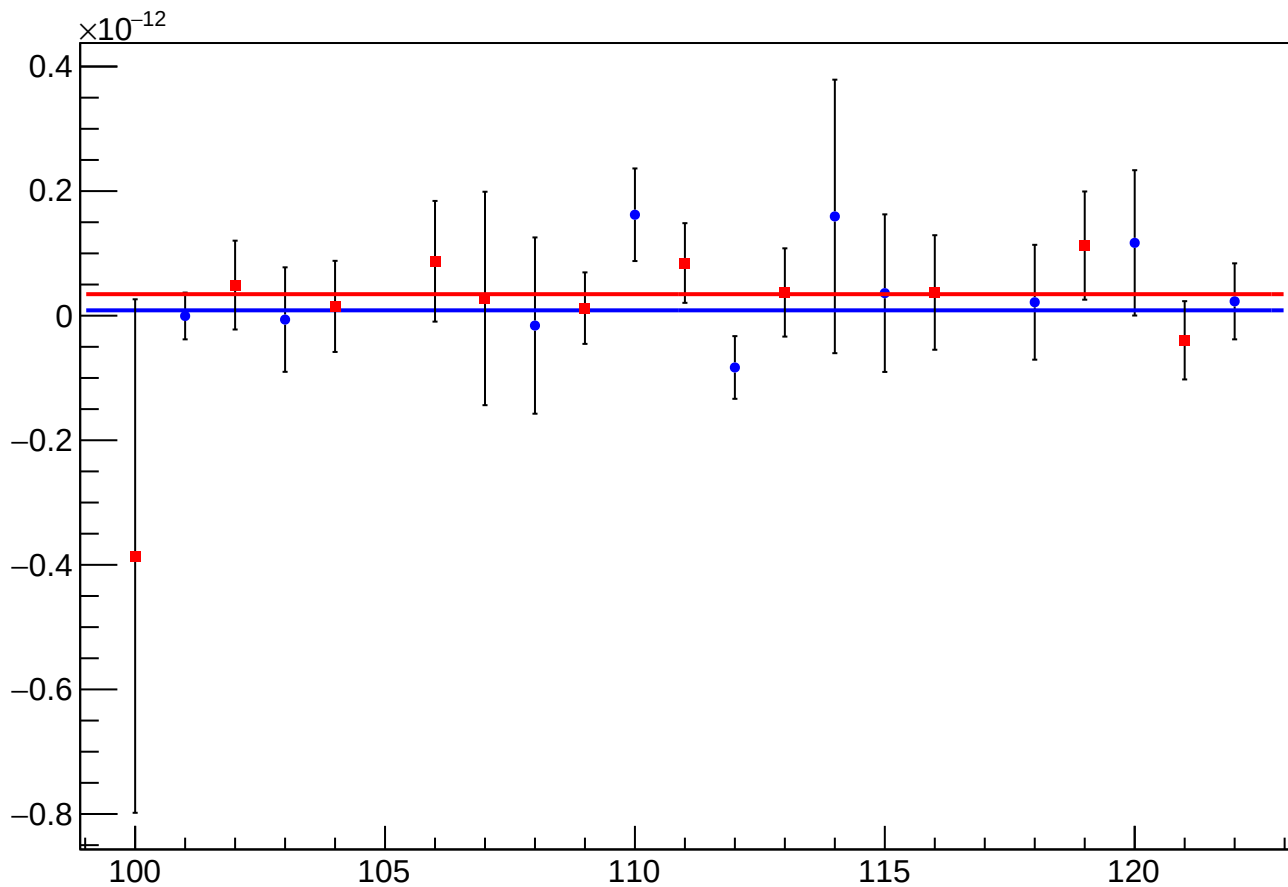
Right: 52.977+/-0.013 χ^2/NDF : 584895.4/20

In: 53.937+/-0.020 χ^2/NDF : 289246.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.977+/-0.013 χ^2/NDF : 584895.4/20

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 : 4.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

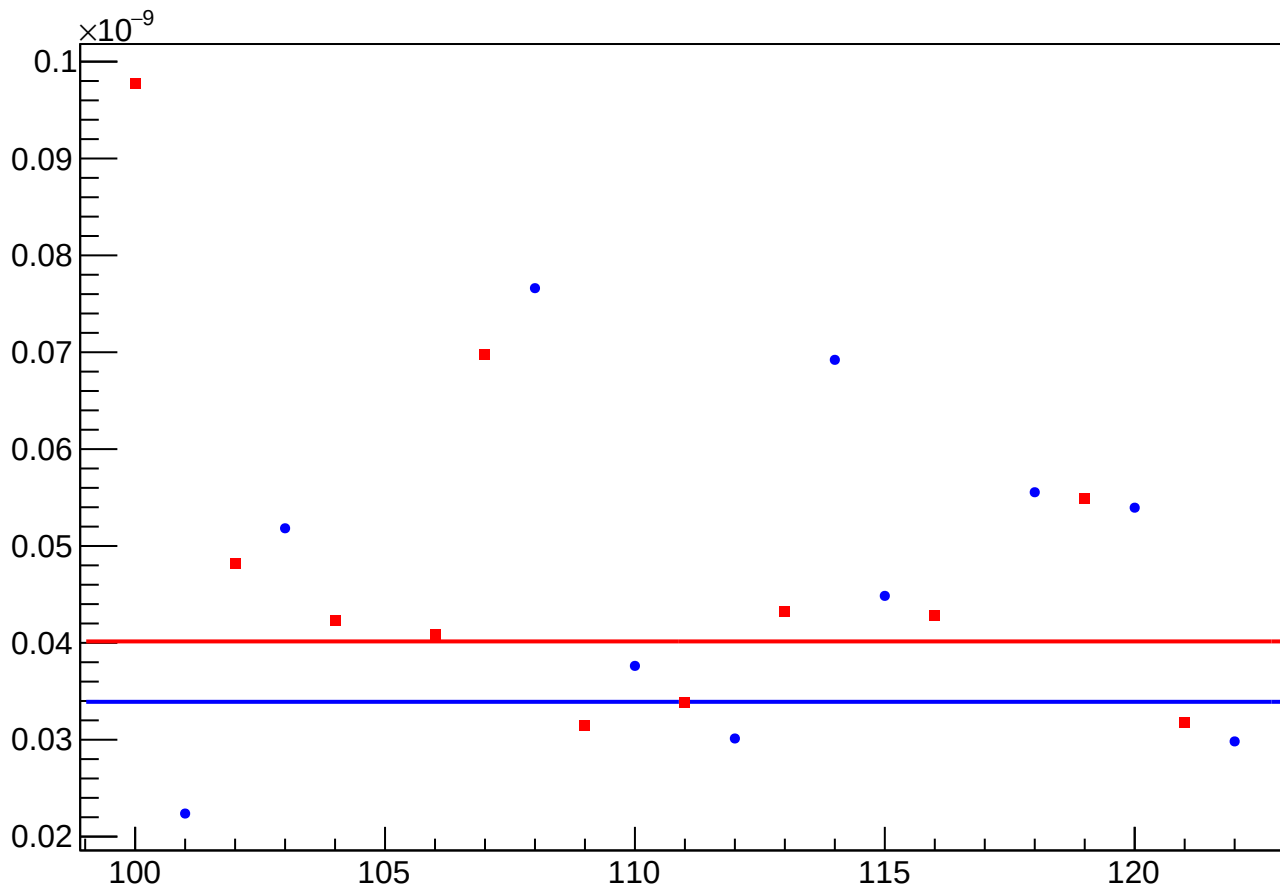
Right: 0.000+/-0.000 χ^2/NDF : 14.2/20

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 : 14.2/20

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 : 289479.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

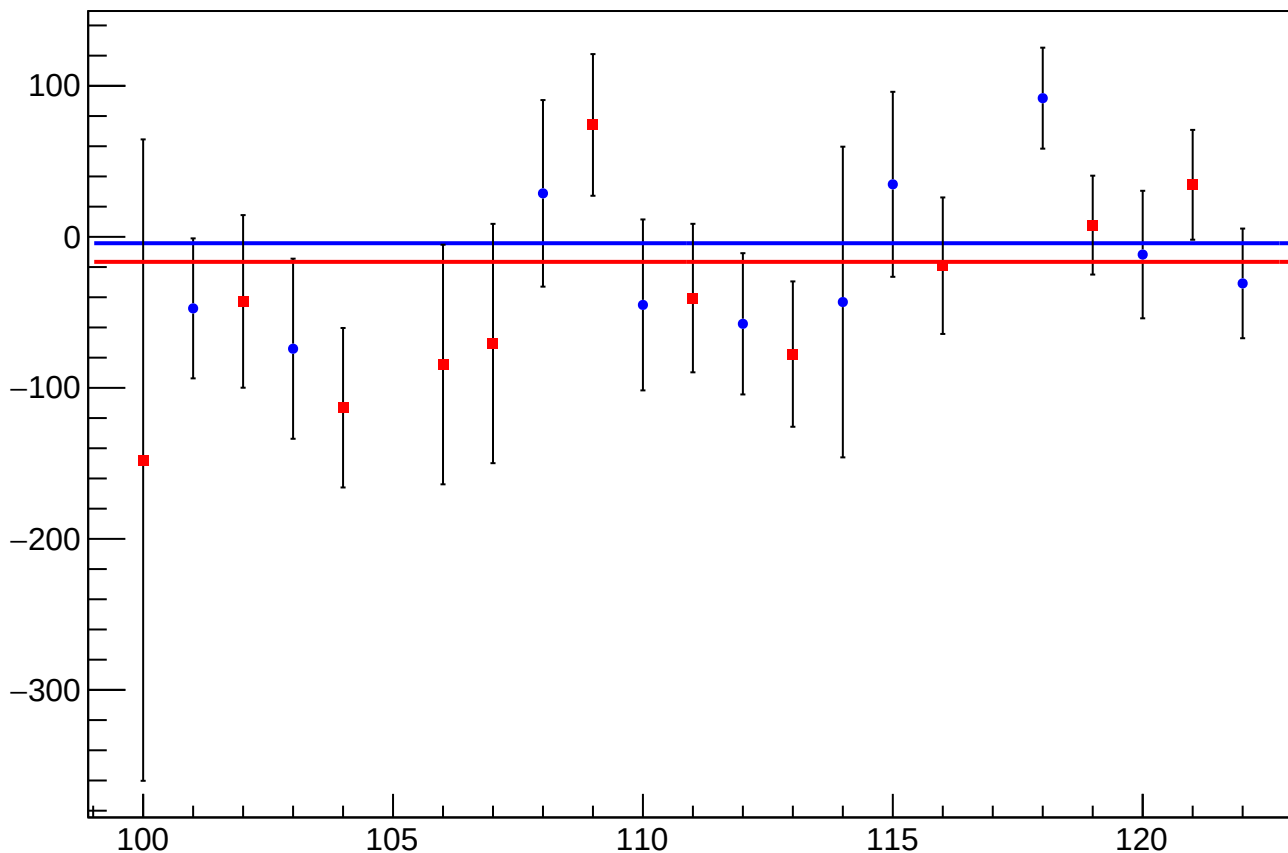
Right: 0.000+/-0.000 χ^2/NDF : 1086517.2/20

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 : 1086517.2/20

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -4.217 $\pm$ 15.157 χ^2 /NDF: 13.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.562 $\pm$ 14.934 χ^2 /NDF: 13.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

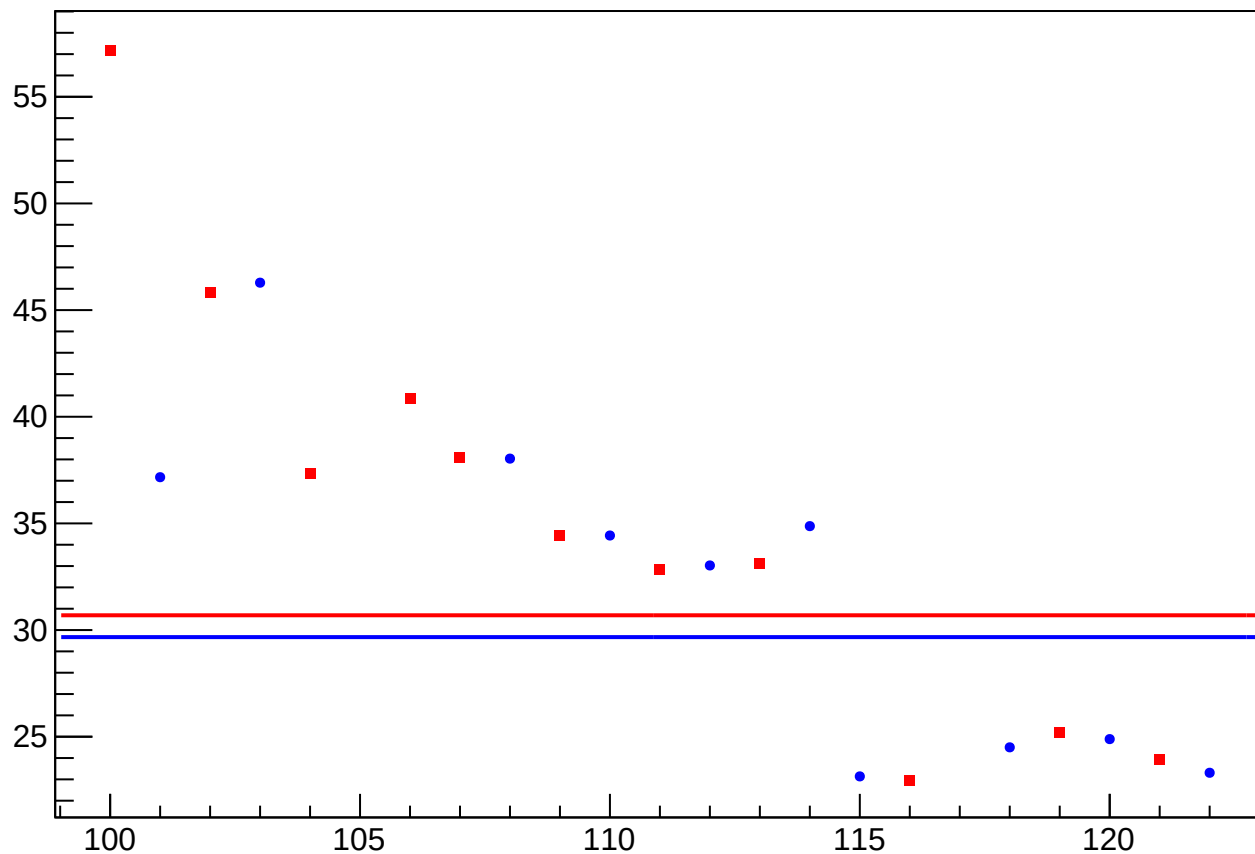
Right: -10.481 $\pm$ 10.638 χ^2 /NDF: 27.3/20

In: -4.217 $\pm$ 15.157 χ^2 /NDF:13.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.481 $\pm$ 10.638 χ^2 /NDF: 27.3/20

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: 30.692+/-0.011 χ^2/NDF : 458835.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

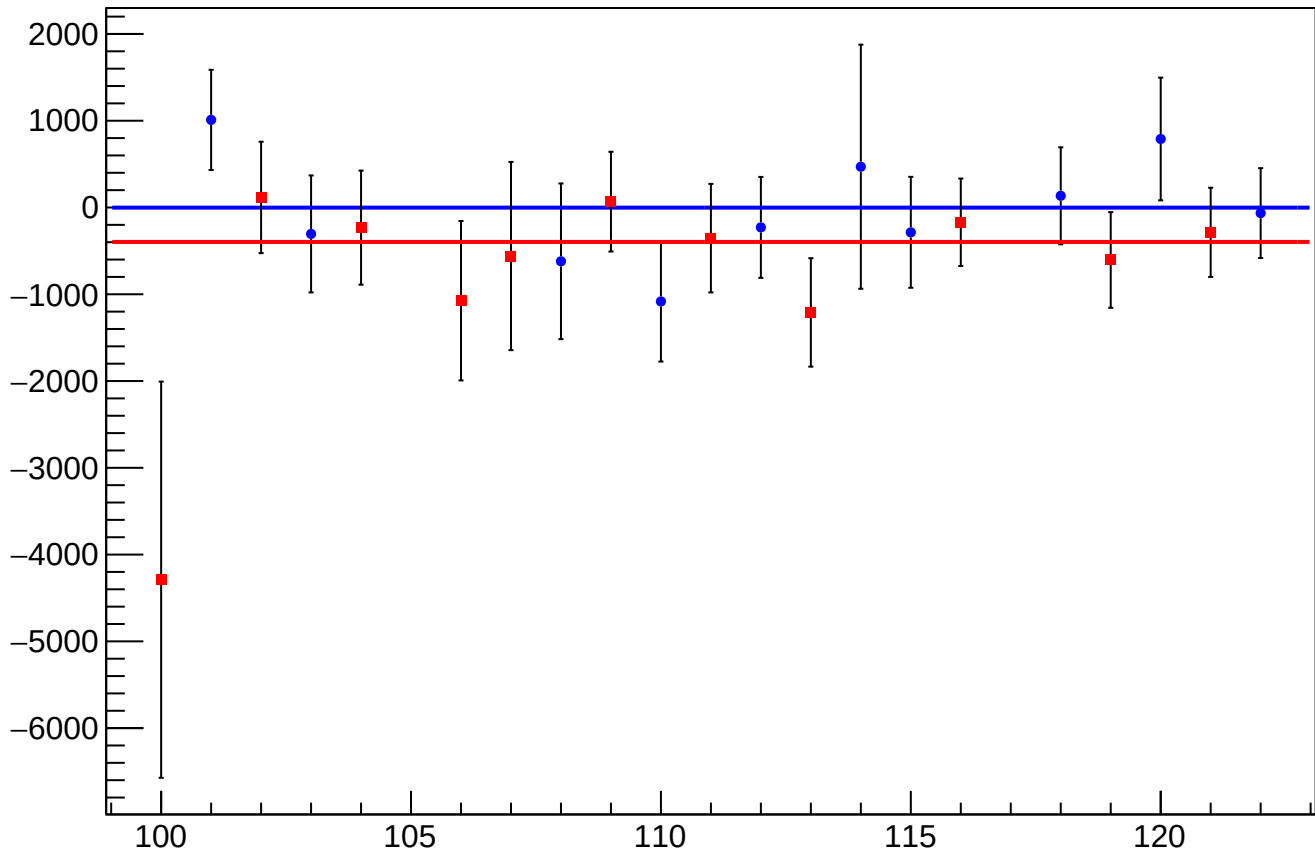
Right: 30.188+/-0.008 χ^2/NDF : 894853.8/20

In: 29.669+/-0.011 χ^2/NDF : 431394.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.188+/-0.008 χ^2/NDF : 894853.8/20

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: -396.813 ± 195.660 χ^2/NDF : 6.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

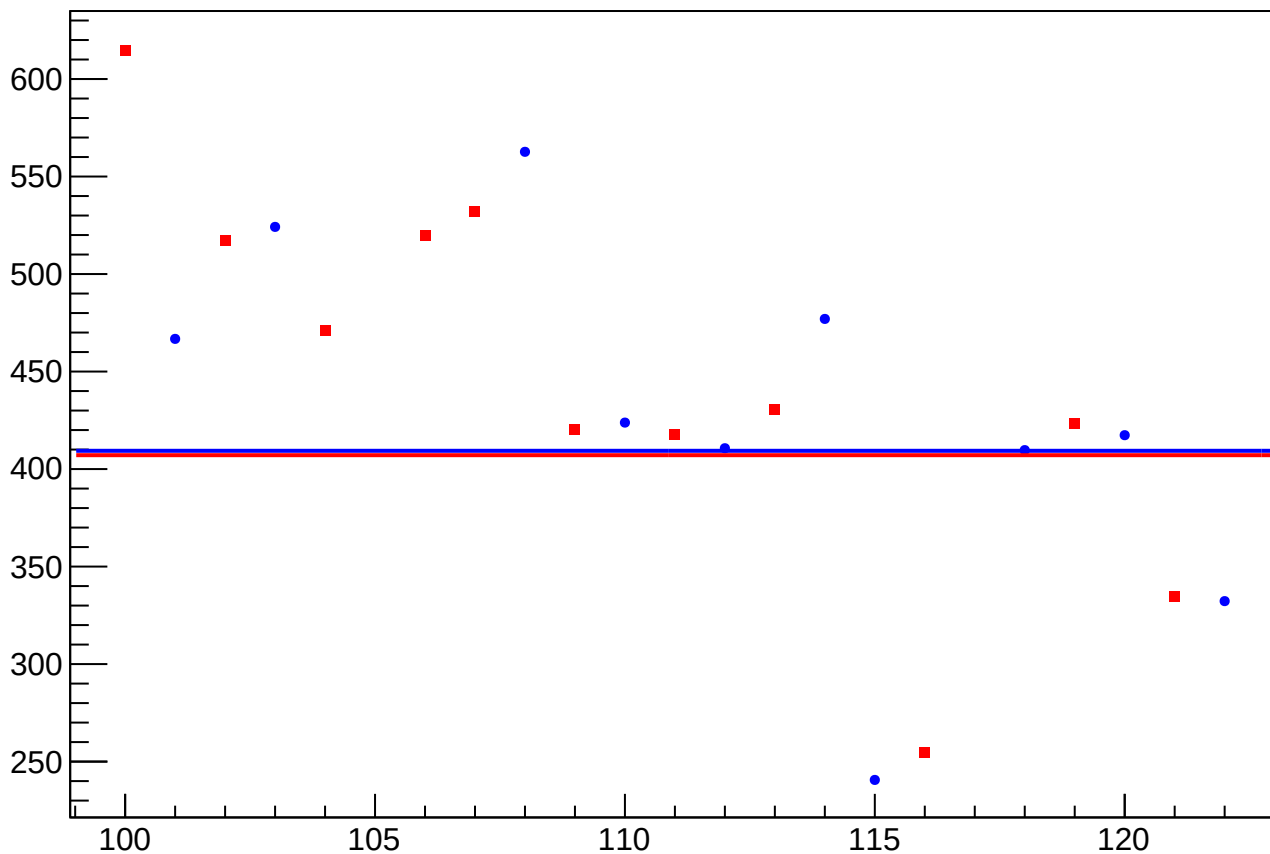
Right: -210.162 ± 142.145 χ^2/NDF : 16.8/20

In: -1.541 ± 206.855 χ^2/NDF : 8.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -210.162 ± 142.145 χ^2/NDF : 16.8/20

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: 407.117+/-0.138 χ^2/NDF : 378890.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

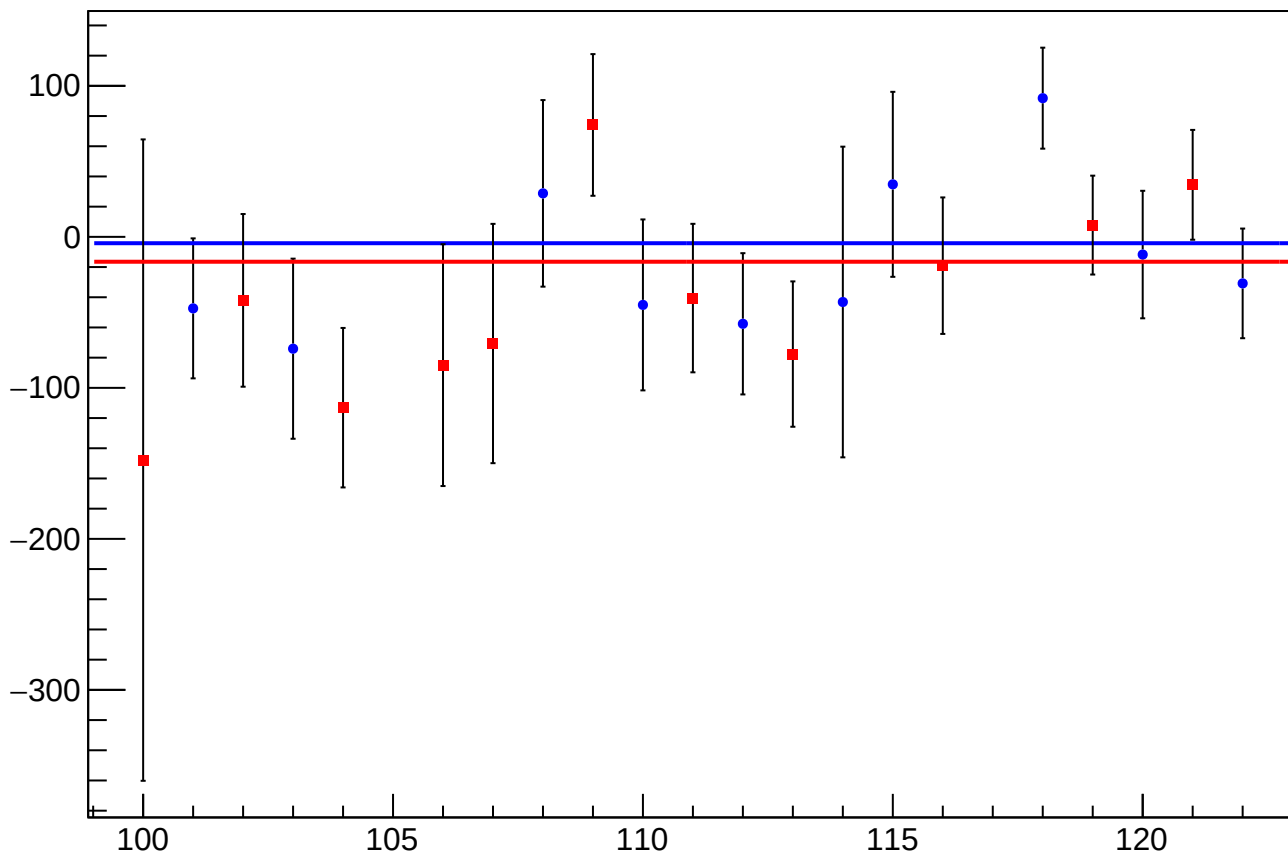
Right: 408.179+/-0.101 χ^2/NDF : 704743.7/20

In: 409.366+/-0.146 χ^2/NDF : 325728.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.179+/-0.101 χ^2/NDF : 704743.7/20

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: -16.479 $\pm$ 14.940 χ^2 /NDF: 13.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

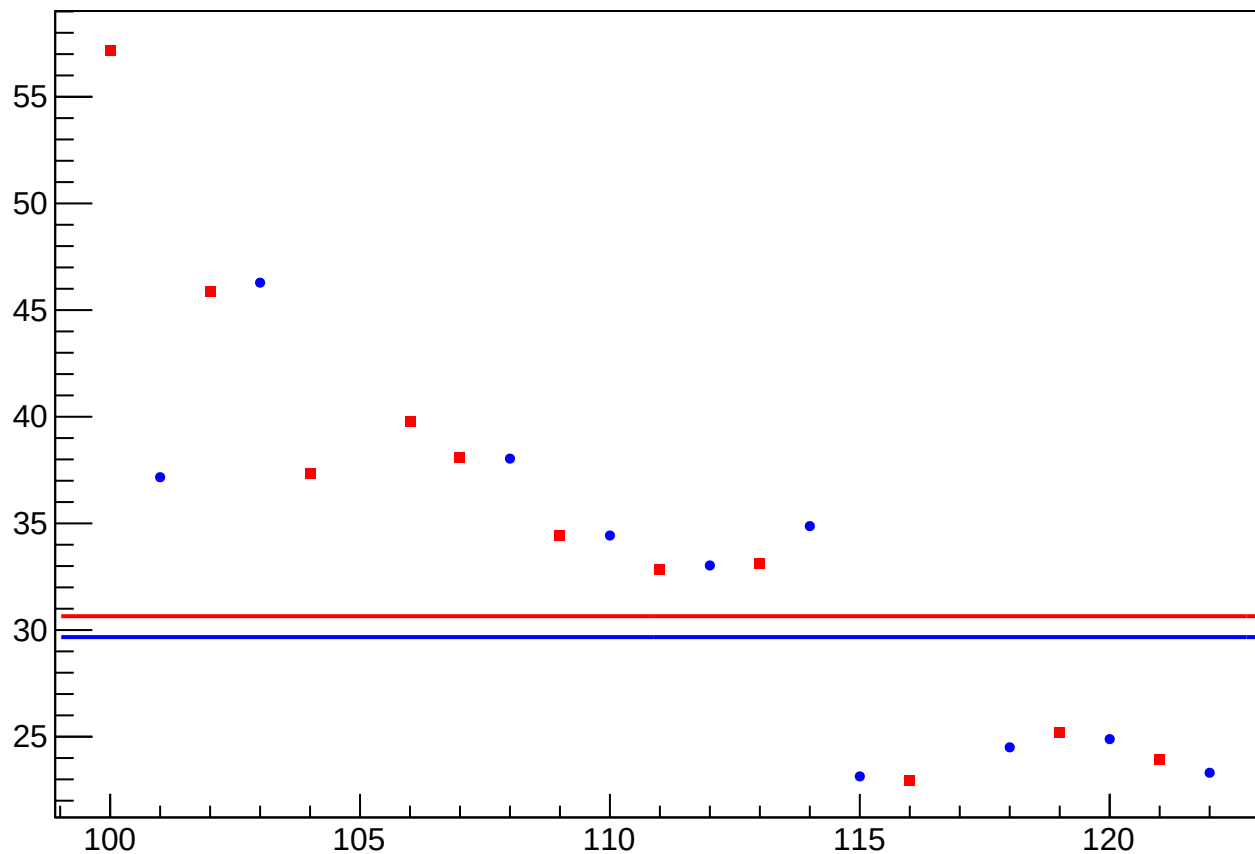
Right: -10.434 $\pm$ 10.640 χ^2 /NDF: 27.3/20

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: -10.434 $\pm$ 10.640 χ^2 /NDF: 27.3/20

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: 30.648+/-0.011 χ^2/NDF : 451951.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

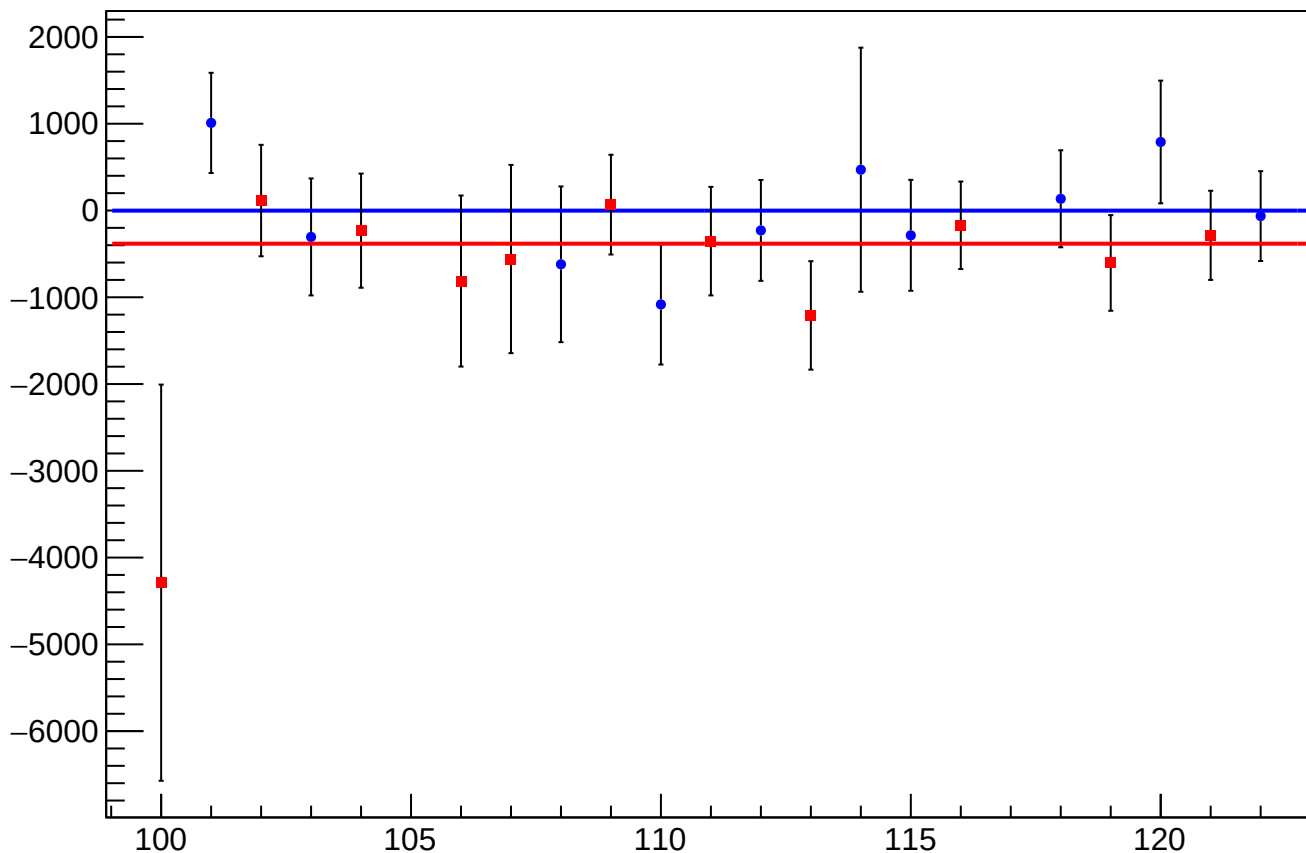
Right: 30.166+/-0.008 χ^2/NDF : 887583.7/20

In: 29.669+/-0.011 χ^2/NDF : 431397.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.166+/-0.008 χ^2/NDF : 887583.7/20

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1.557 $\pm$ 206.855 χ^2 /NDF: 8.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -382.581 $\pm$ 196.255 χ^2 /NDF: 6.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

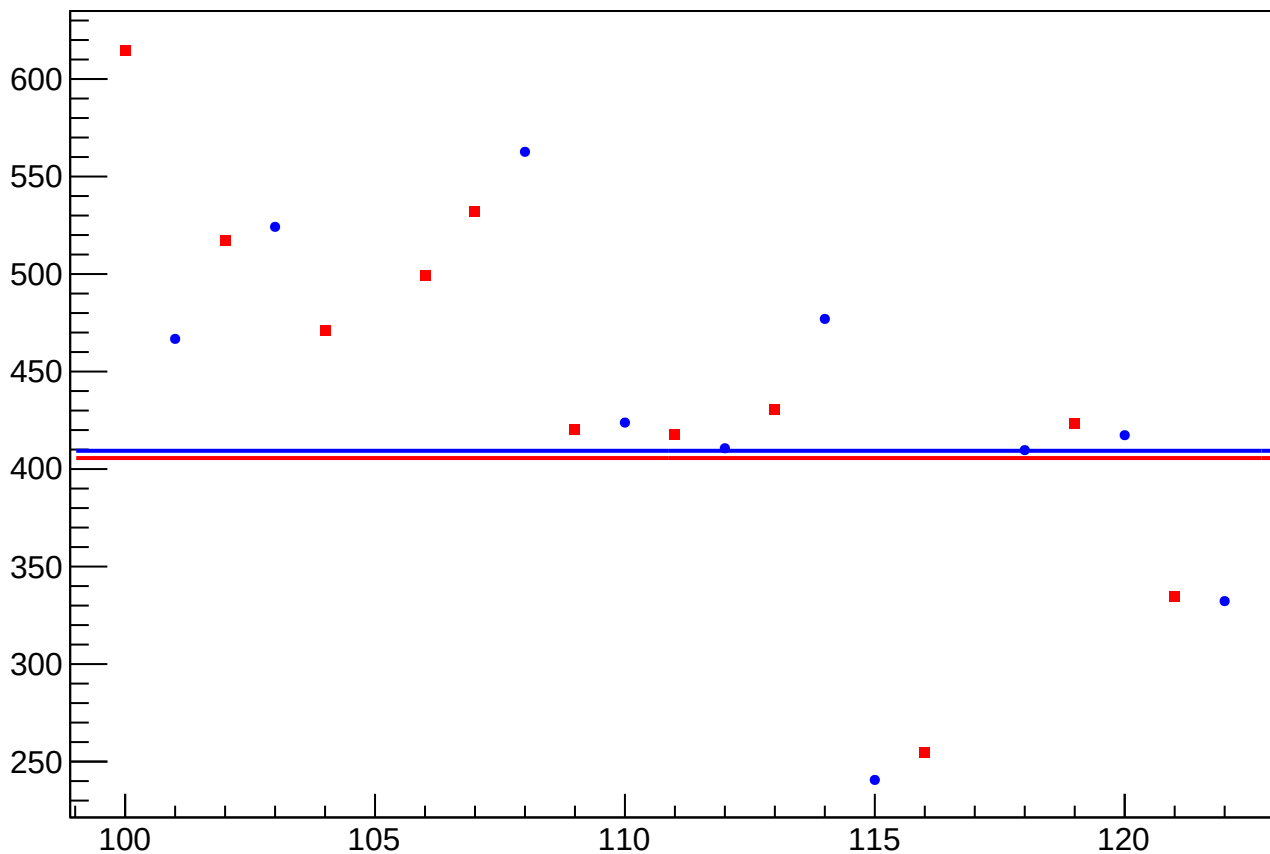
Right: -202.082 $\pm$ 142.373 χ^2 /NDF: 16.3/20

In: -1.557 $\pm$ 206.855 χ^2 /NDF:8.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -202.082 $\pm$ 142.373 χ^2 /NDF: 16.3/20

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: 405.647+/-0.139 χ^2/NDF : 366430.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

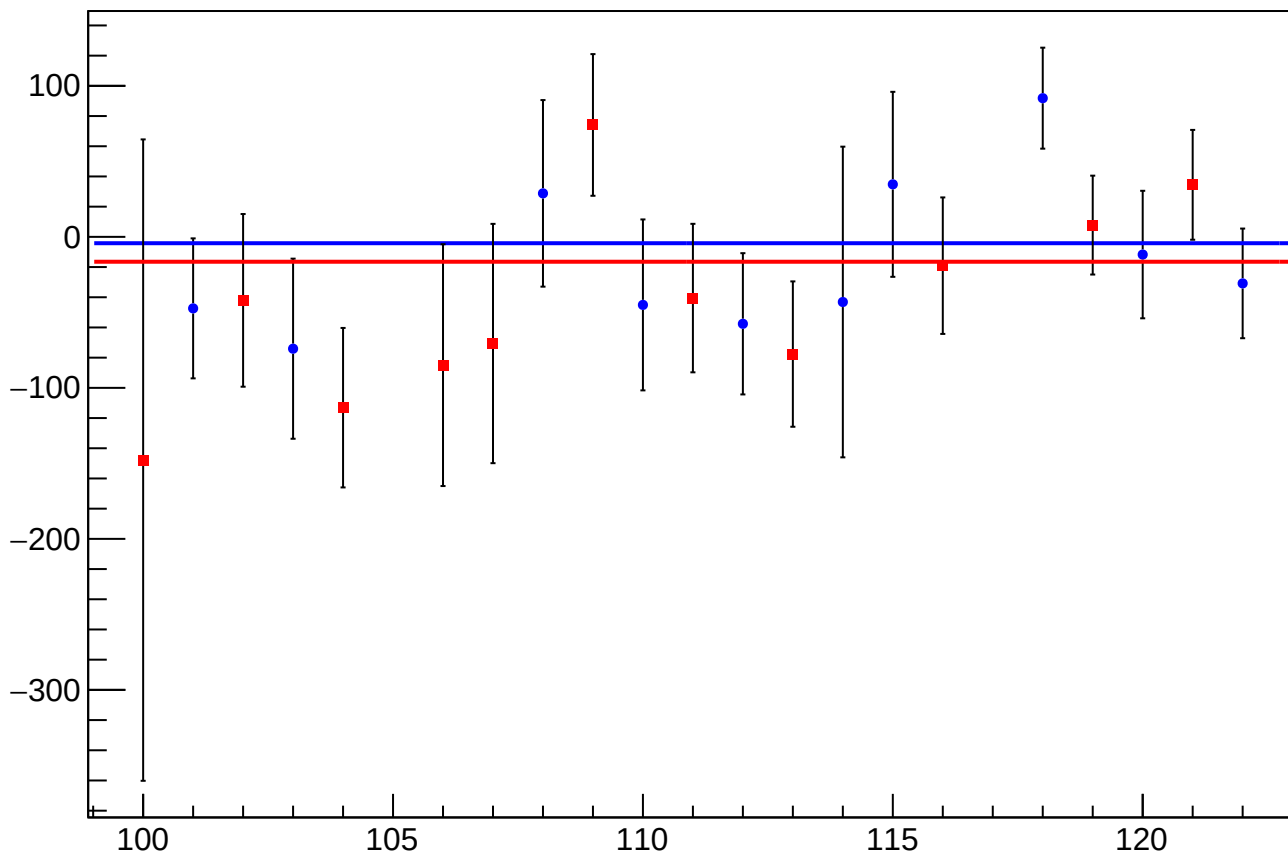
Right: 407.409+/-0.101 χ^2/NDF : 692522.5/20

In: 409.367+/-0.146 χ^2/NDF : 325751.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.409+/-0.101 χ^2/NDF : 692522.5/20

eigen_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: -16.479 $\pm$ 14.940 χ^2 /NDF: 13.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

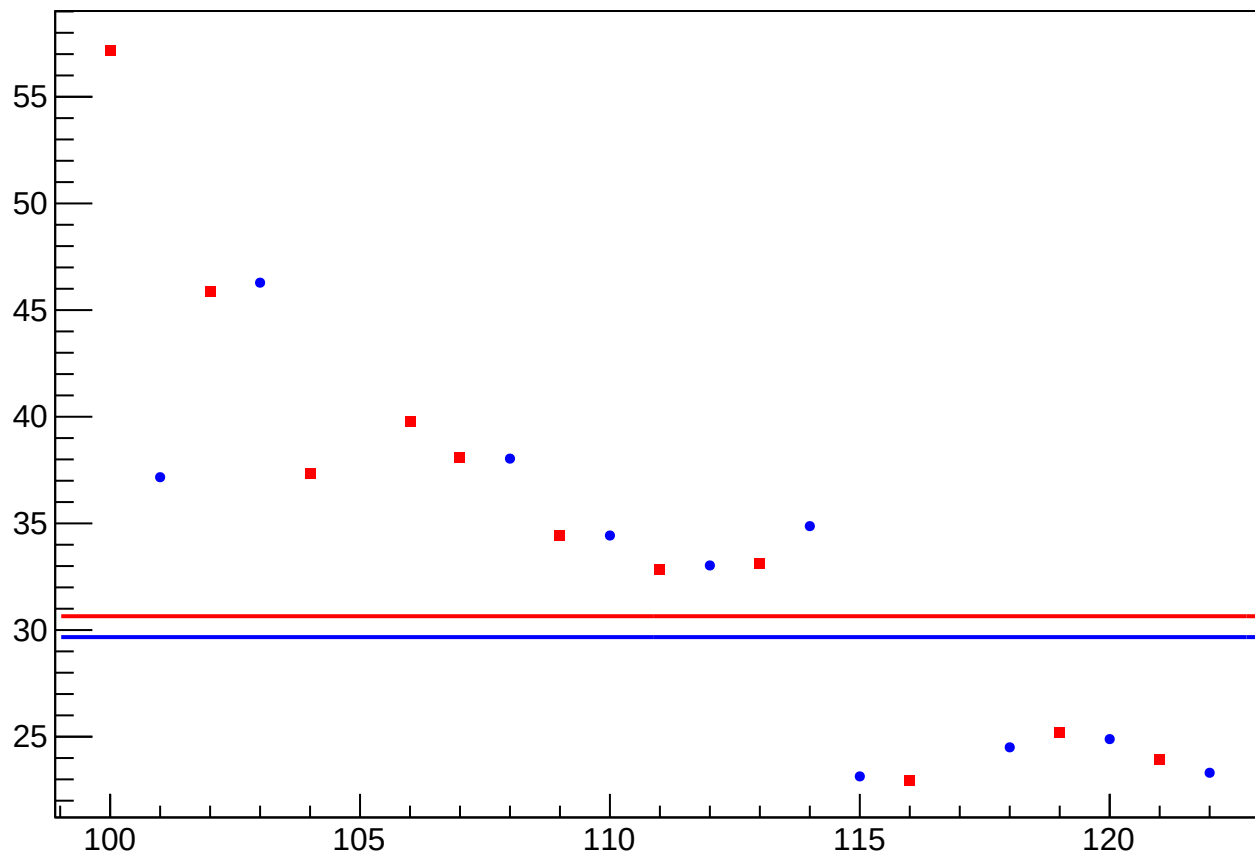
Right: -10.434 $\pm$ 10.640 χ^2 /NDF: 27.3/20

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: -10.434 $\pm$ 10.640 χ^2 /NDF: 27.3/20

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.669 $\pm$ 0.011 χ^2 /NDF: 431397.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.648 $\pm$ 0.011 χ^2 /NDF: 451951.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

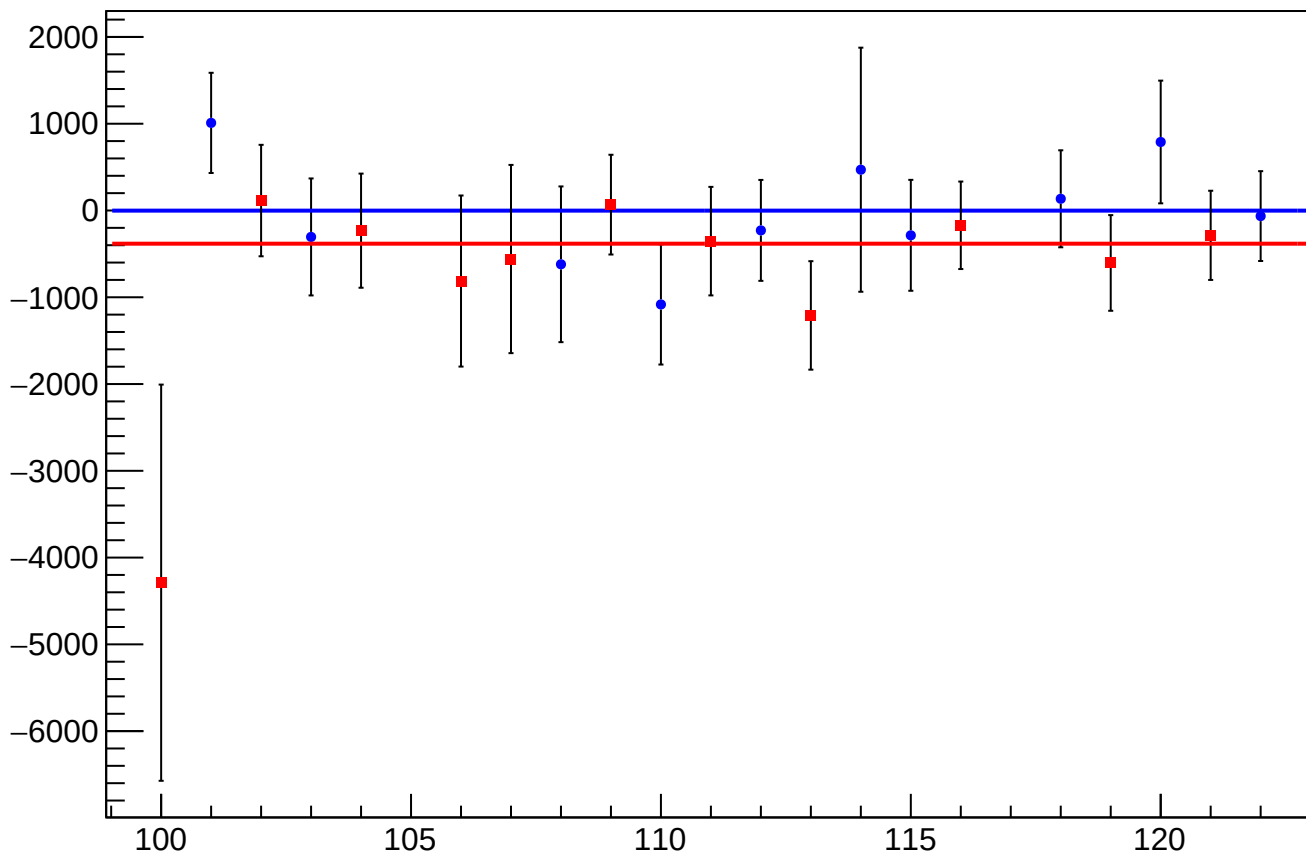
Right: 30.166 $\pm$ 0.008 χ^2 /NDF: 887583.7/20

In: 29.669 $\pm$ 0.011 χ^2 /NDF:431397.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.166 $\pm$ 0.008 χ^2 /NDF: 887583.7/20

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: -382.581 ± 196.255 χ^2/NDF : 6.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

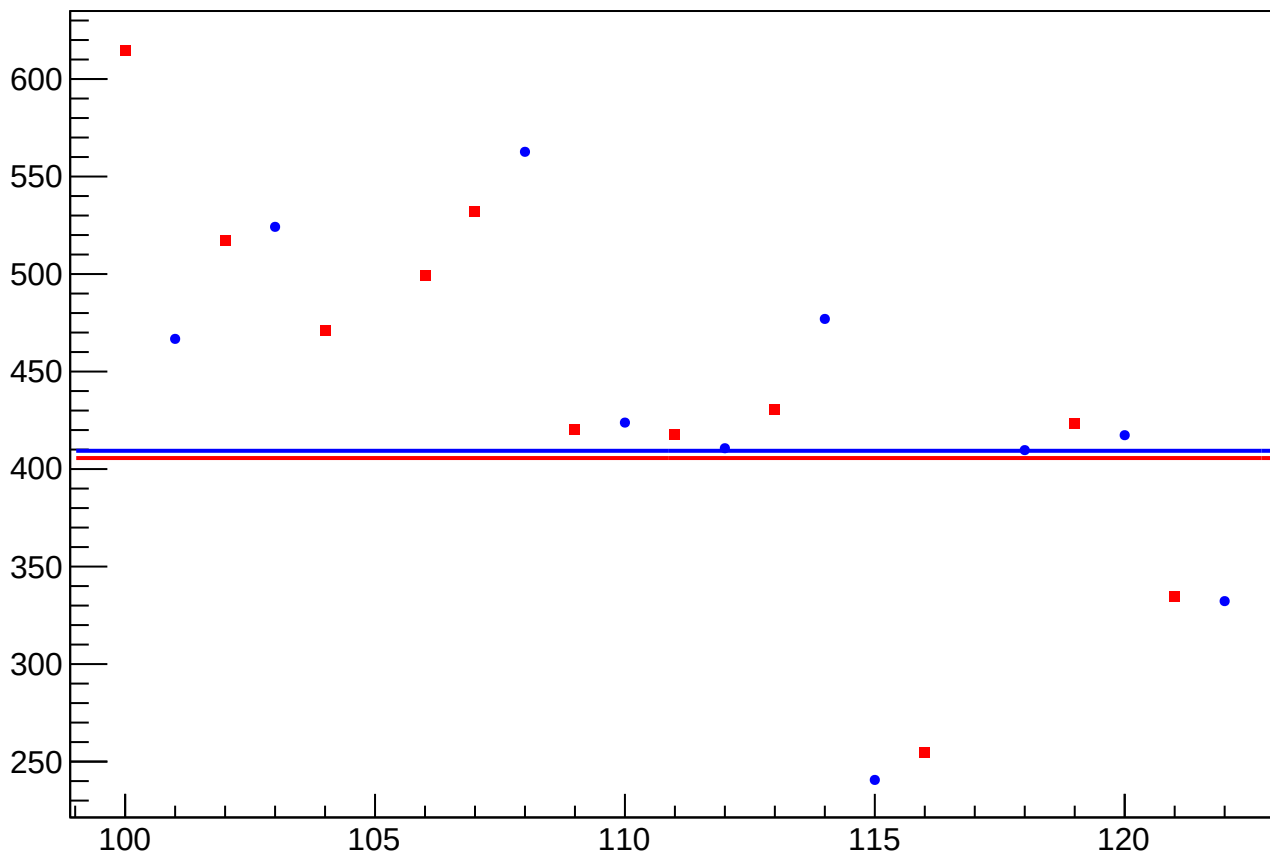
Right: -202.082 ± 142.373 χ^2/NDF : 16.3/20

In: -1.557 ± 206.855 χ^2/NDF : 8.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -202.082 ± 142.373 χ^2/NDF : 16.3/20

asym_sam_1357_2468_dd_eigen_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: 405.647+/-0.139 χ^2/NDF : 366430.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

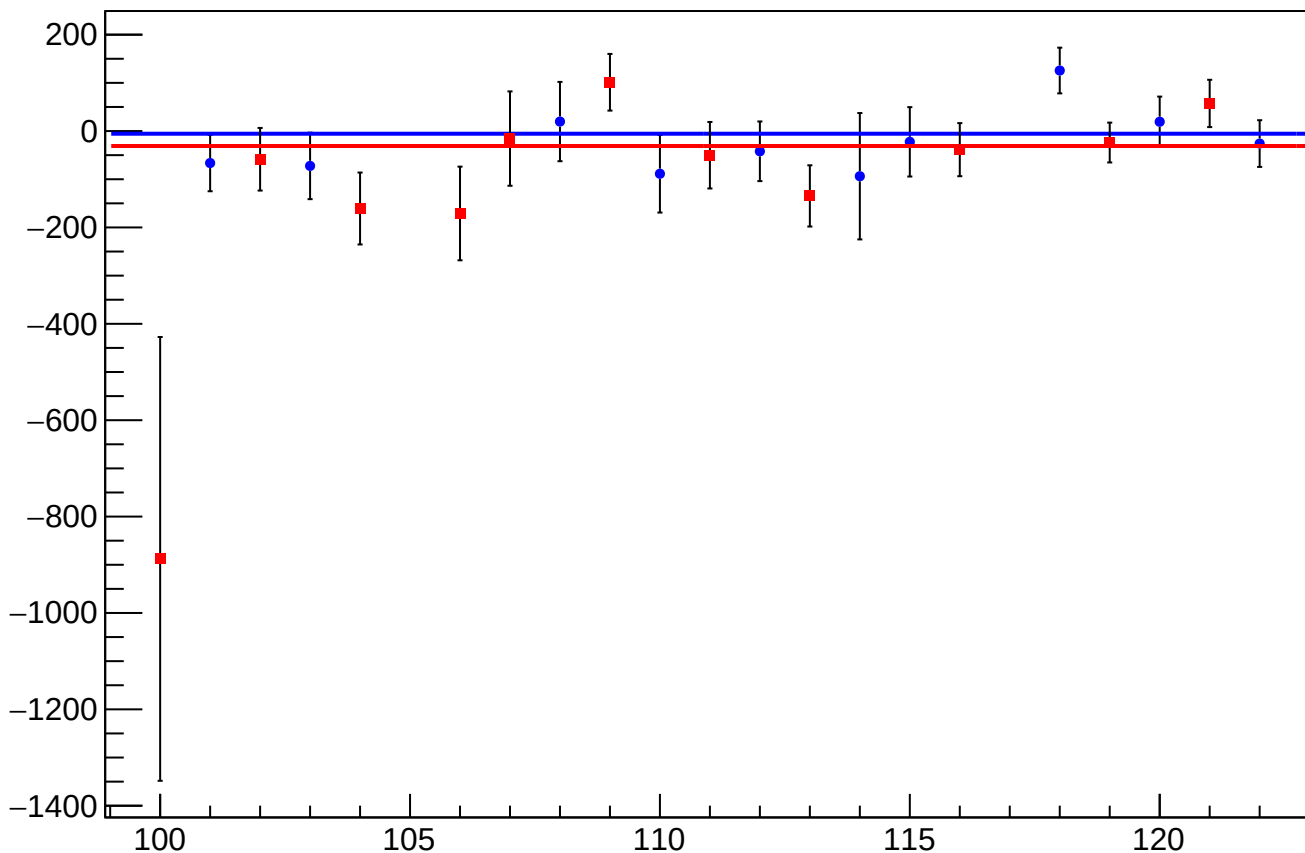
Right: 407.409+/-0.101 χ^2/NDF : 692522.5/20

In: 409.367+/-0.146 χ^2/NDF : 325751.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.409+/-0.101 χ^2/NDF : 692522.5/20

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: -31.043+/-19.214 χ^2/NDF : 19.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

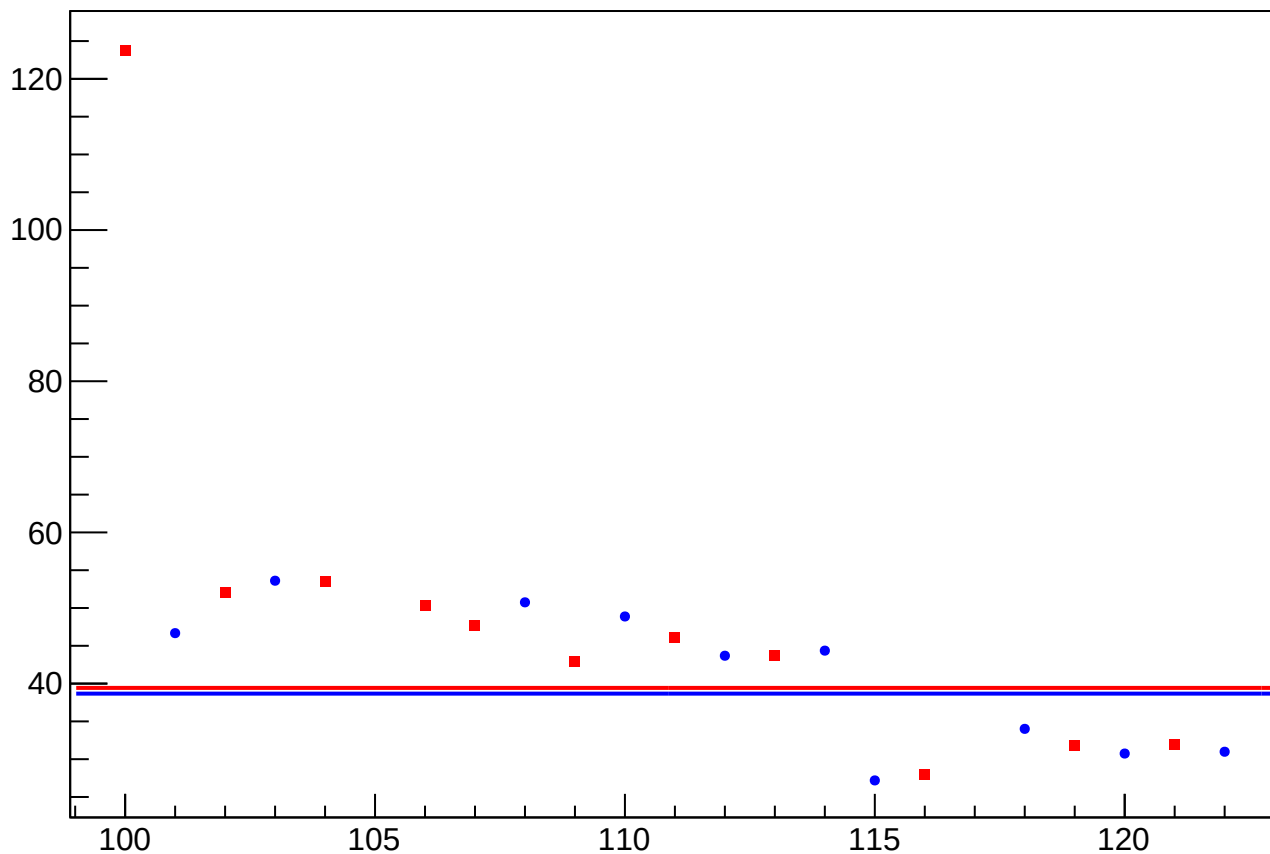
Right: -18.662+/-13.785 χ^2/NDF : 32.8/20

In: -5.529+/-19.789 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.662+/-13.785 χ^2/NDF : 32.8/20

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: 39.431+/-0.014 χ^2/NDF : 489635.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

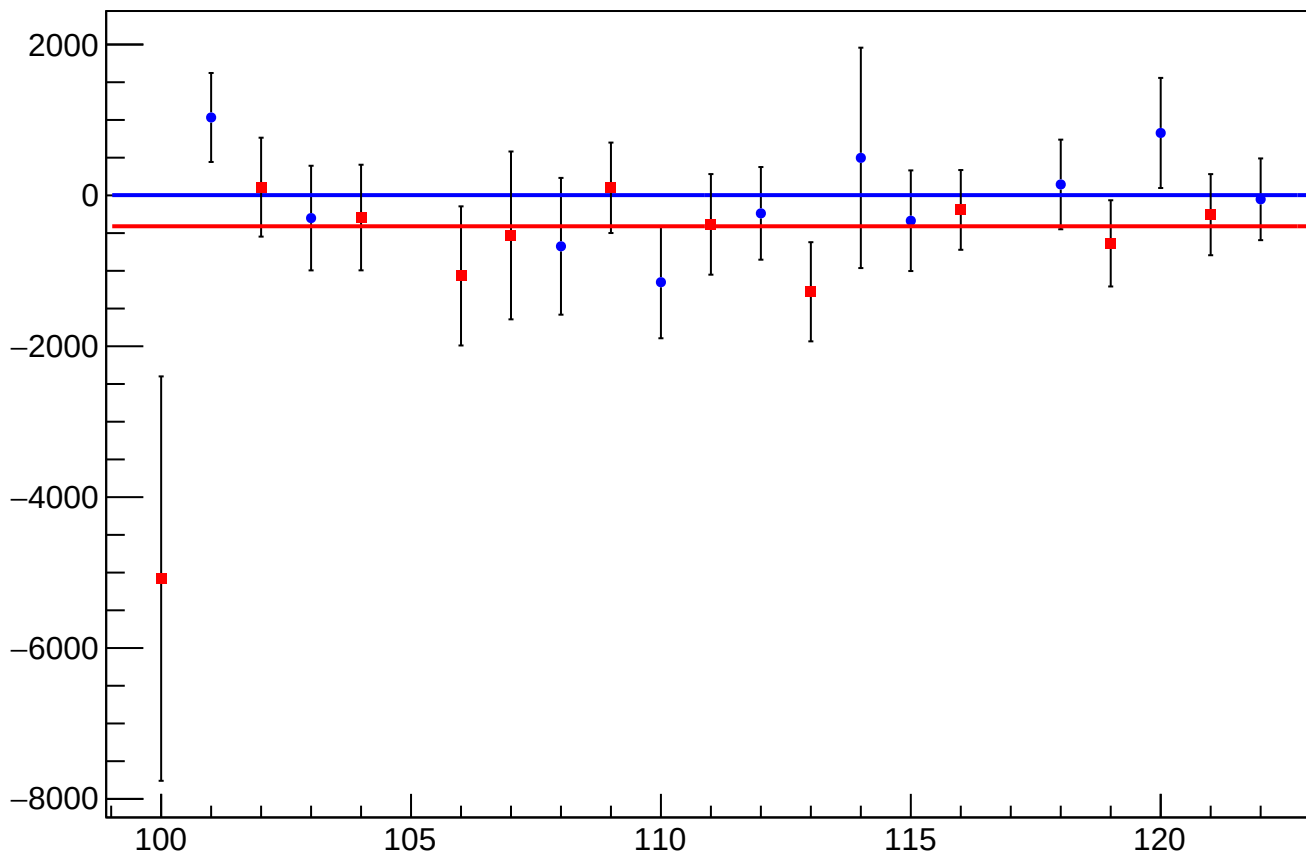
Right: 39.063+/-0.010 χ^2/NDF : 881018.6/20

In: 38.673+/-0.014 χ^2/NDF : 389874.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.063+/-0.010 χ^2/NDF : 881018.6/20

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3.491 ± 215.822 χ^2/NDF : 8.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -409.349 ± 204.384 χ^2/NDF : 7.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

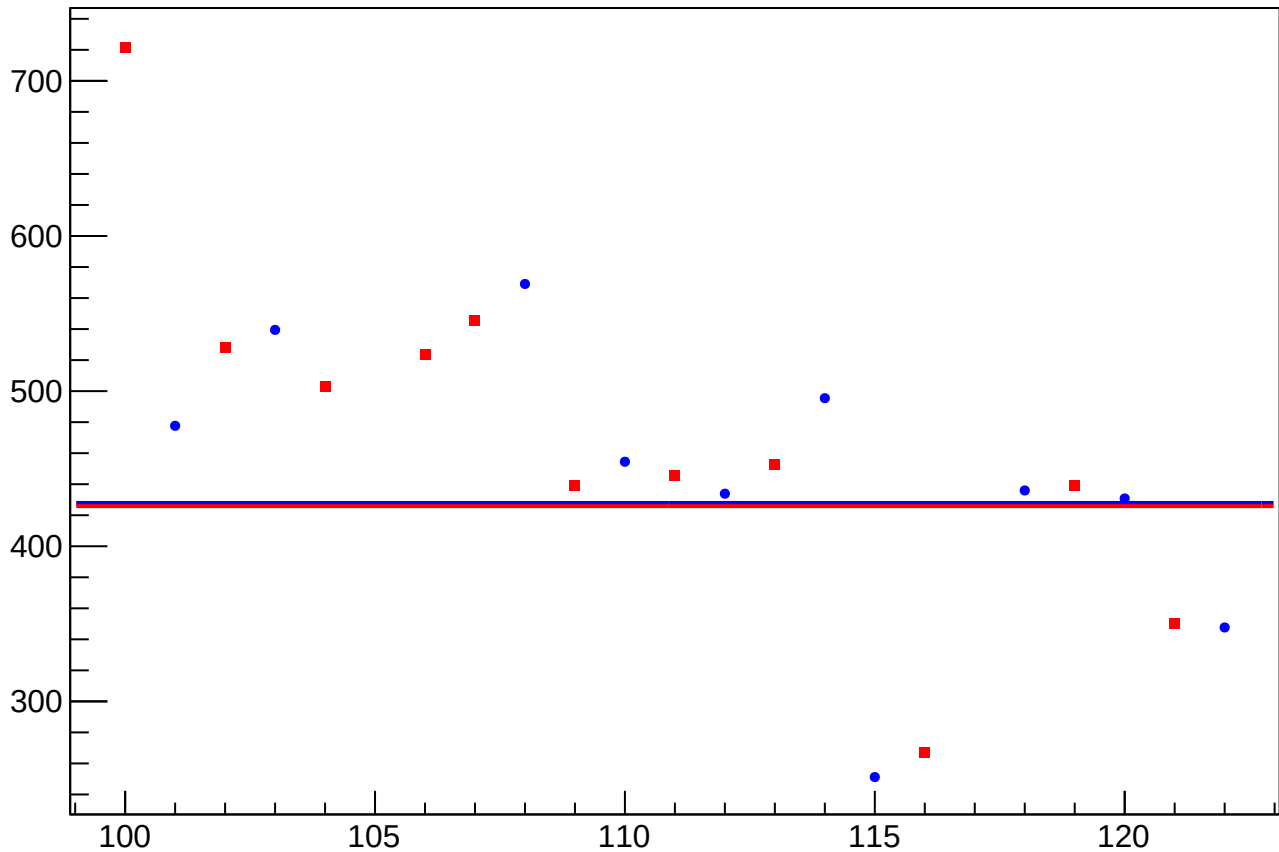
Right: -214.158 ± 148.400 χ^2/NDF : 17.1/20

In: 3.491 ± 215.822 χ^2/NDF : 8.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -214.158 ± 148.400 χ^2/NDF : 17.1/20

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: 425.876+/-0.145 χ^2/NDF : 369622.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

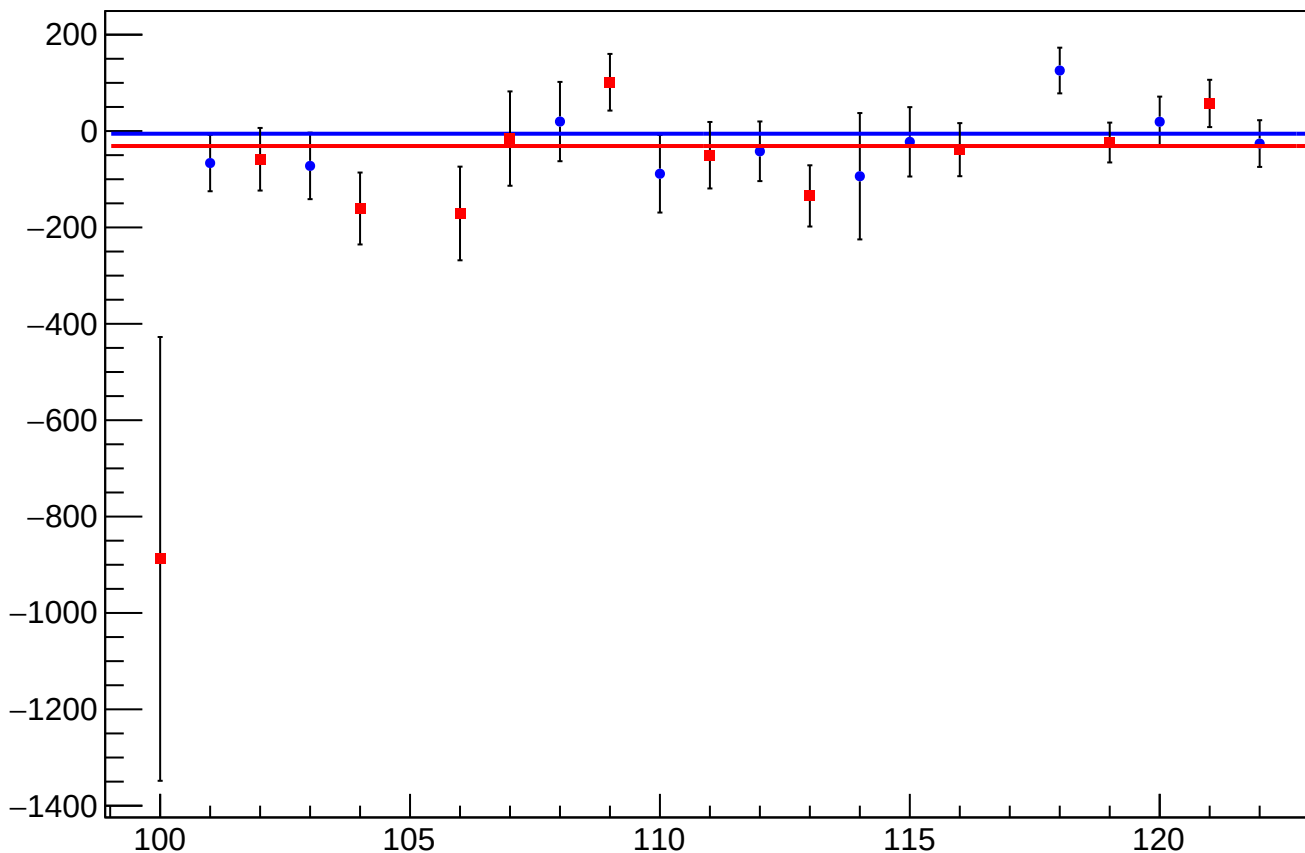
Right: 426.839+/-0.105 χ^2/NDF : 675861.2/20

In: 427.912+/-0.153 χ^2/NDF : 306145.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.839+/-0.105 χ^2/NDF : 675861.2/20

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.529+/-19.788 χ^2/NDF : 12.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.041+/-19.214 χ^2/NDF : 19.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

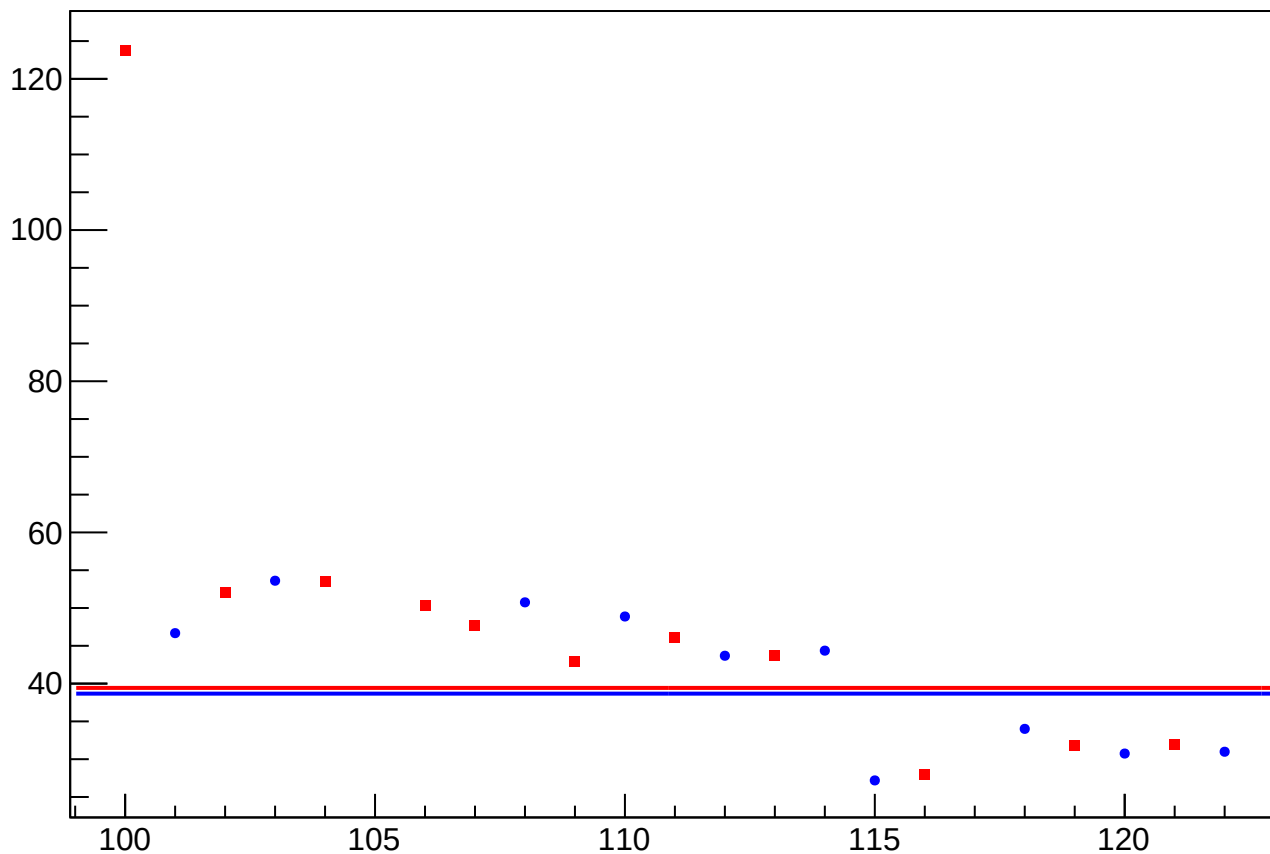
Right: -18.661+/-13.785 χ^2/NDF : 32.8/20

In: -5.529+/-19.788 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.661+/-13.785 χ^2/NDF : 32.8/20

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: 39.430+/-0.014 χ^2/NDF : 489619.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

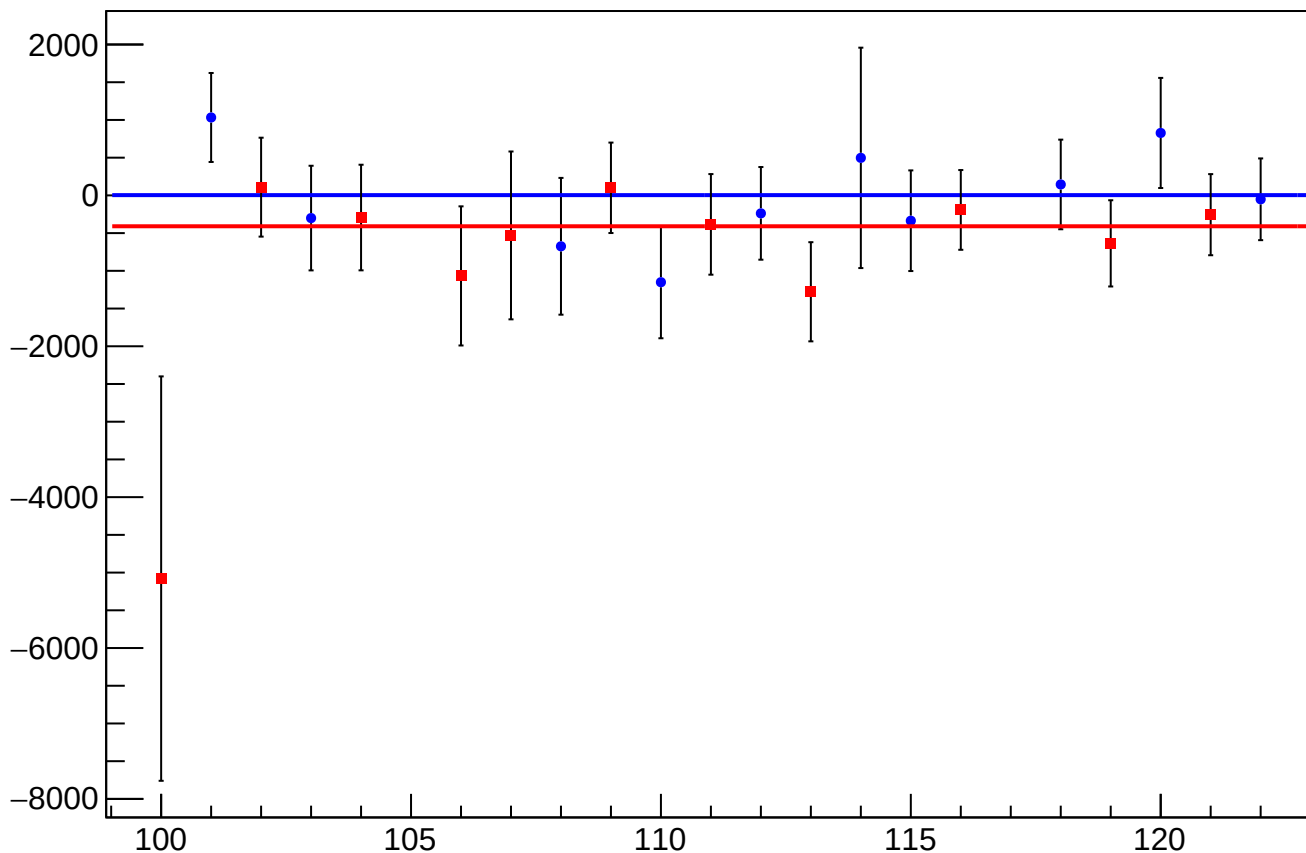
Right: 39.063+/-0.010 χ^2/NDF : 880987.5/20

In: 38.673+/-0.014 χ^2/NDF : 389859.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.063+/-0.010 χ^2/NDF : 880987.5/20

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: -409.349+/-204.384 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

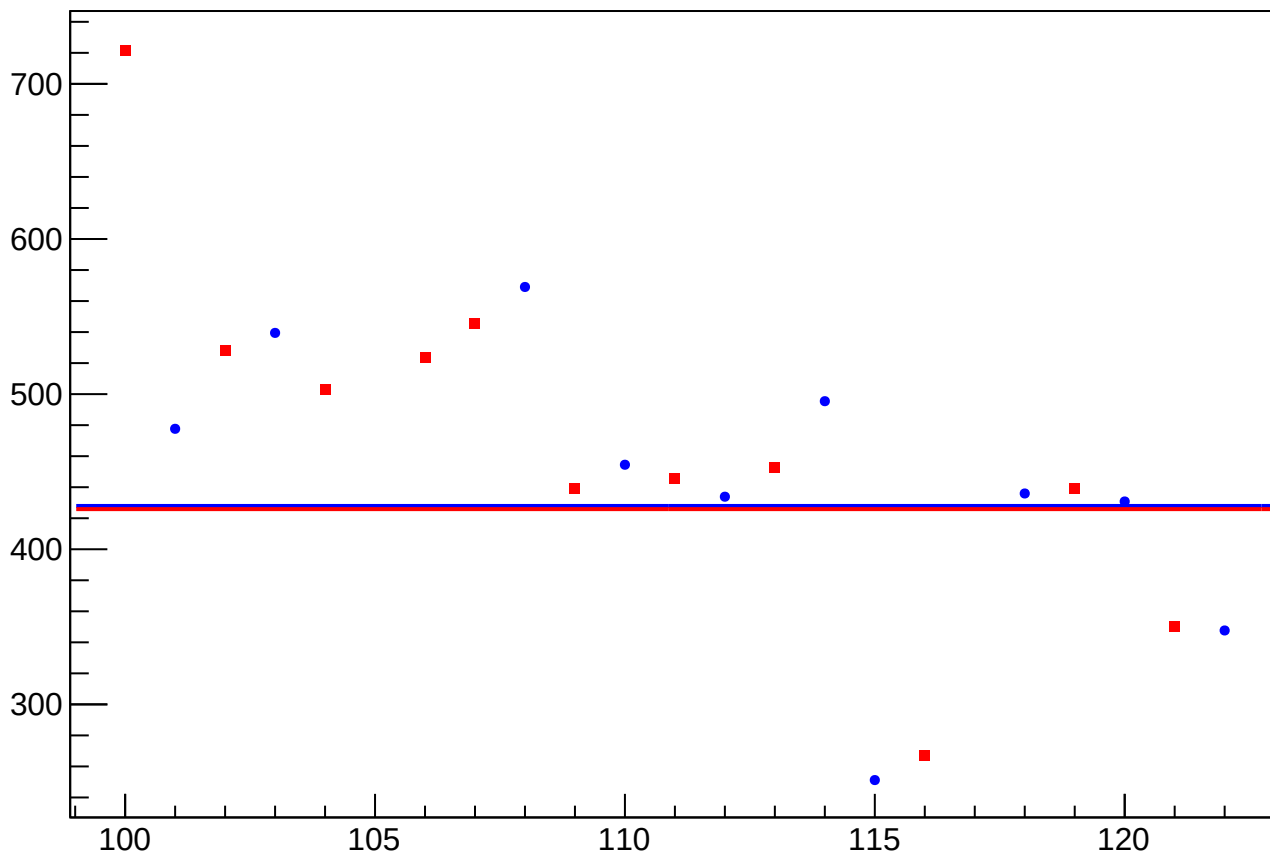
Right: -214.158+/-148.400 χ^2/NDF : 17.1/20

In: 3.490+/-215.821 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.158+/-148.400 χ^2/NDF : 17.1/20

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: 425.875+/-0.145 χ^2/NDF : 369616.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

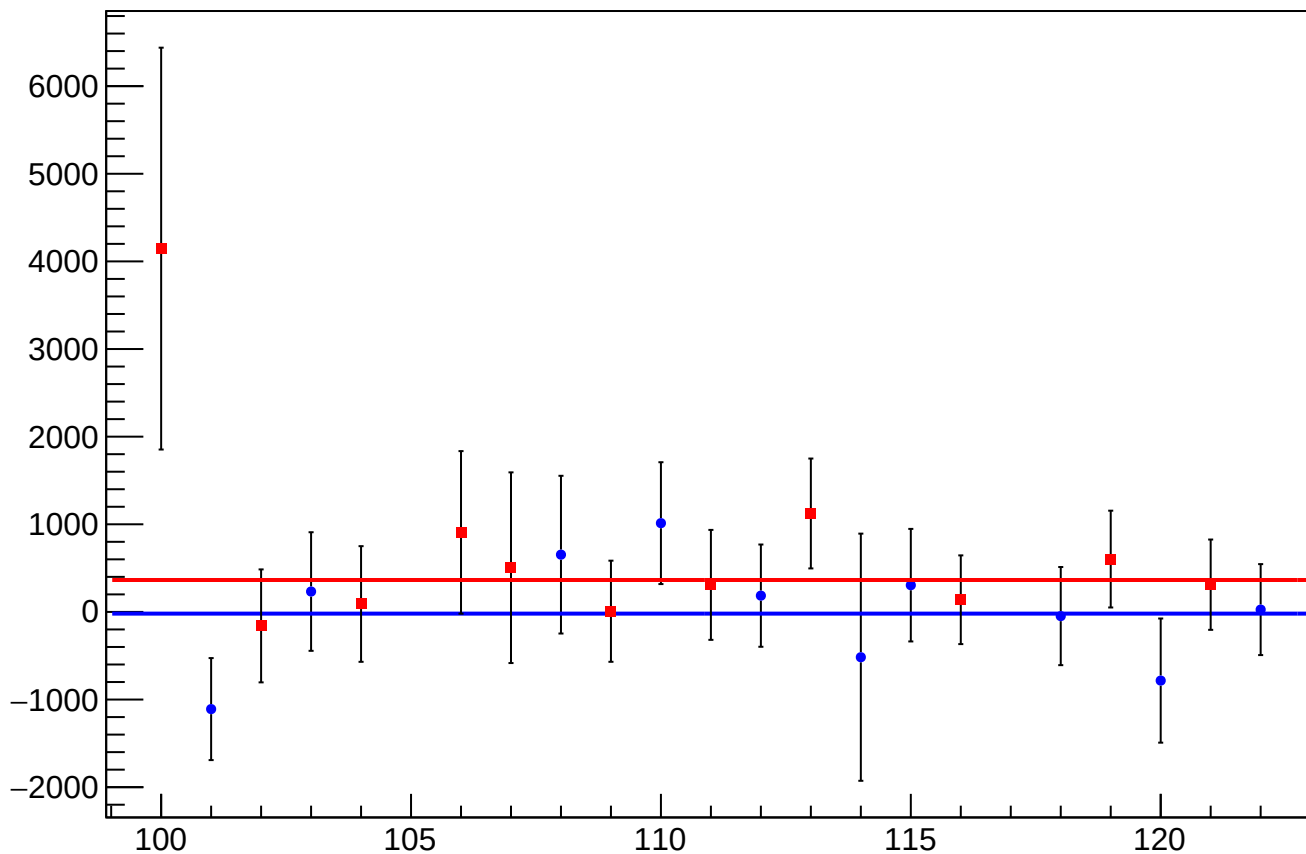
Right: 426.838+/-0.105 χ^2/NDF : 675849.8/20

In: 427.911+/-0.153 χ^2/NDF : 306139.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.838+/-0.105 χ^2/NDF : 675849.8/20

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: 364.308 ± 196.355 χ^2/NDF : 6.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

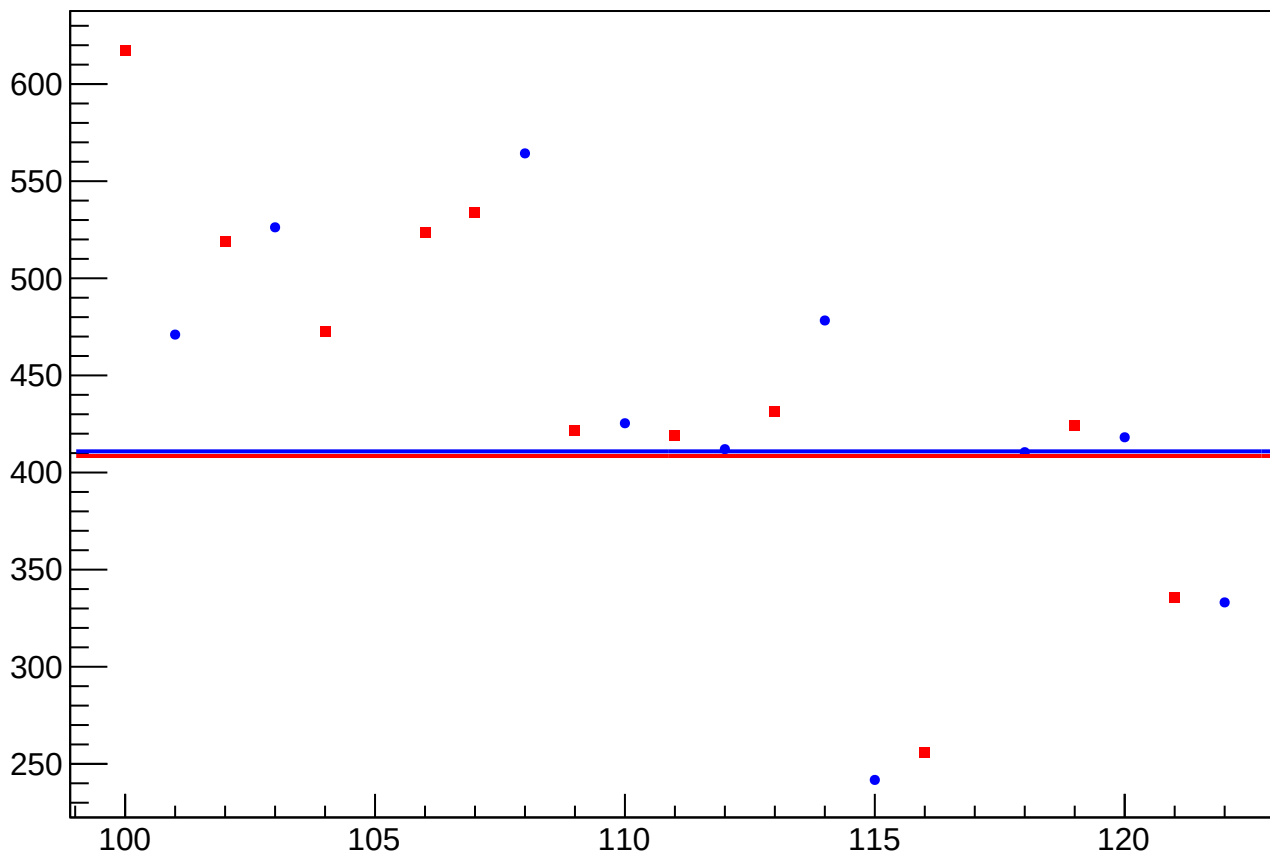
Right: 183.143 ± 142.659 χ^2/NDF : 16.0/20

In: -19.400 ± 207.617 χ^2/NDF : 8.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 183.143 ± 142.659 χ^2/NDF : 16.0/20

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: 408.505+/-0.139 χ^2/NDF : 379380.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

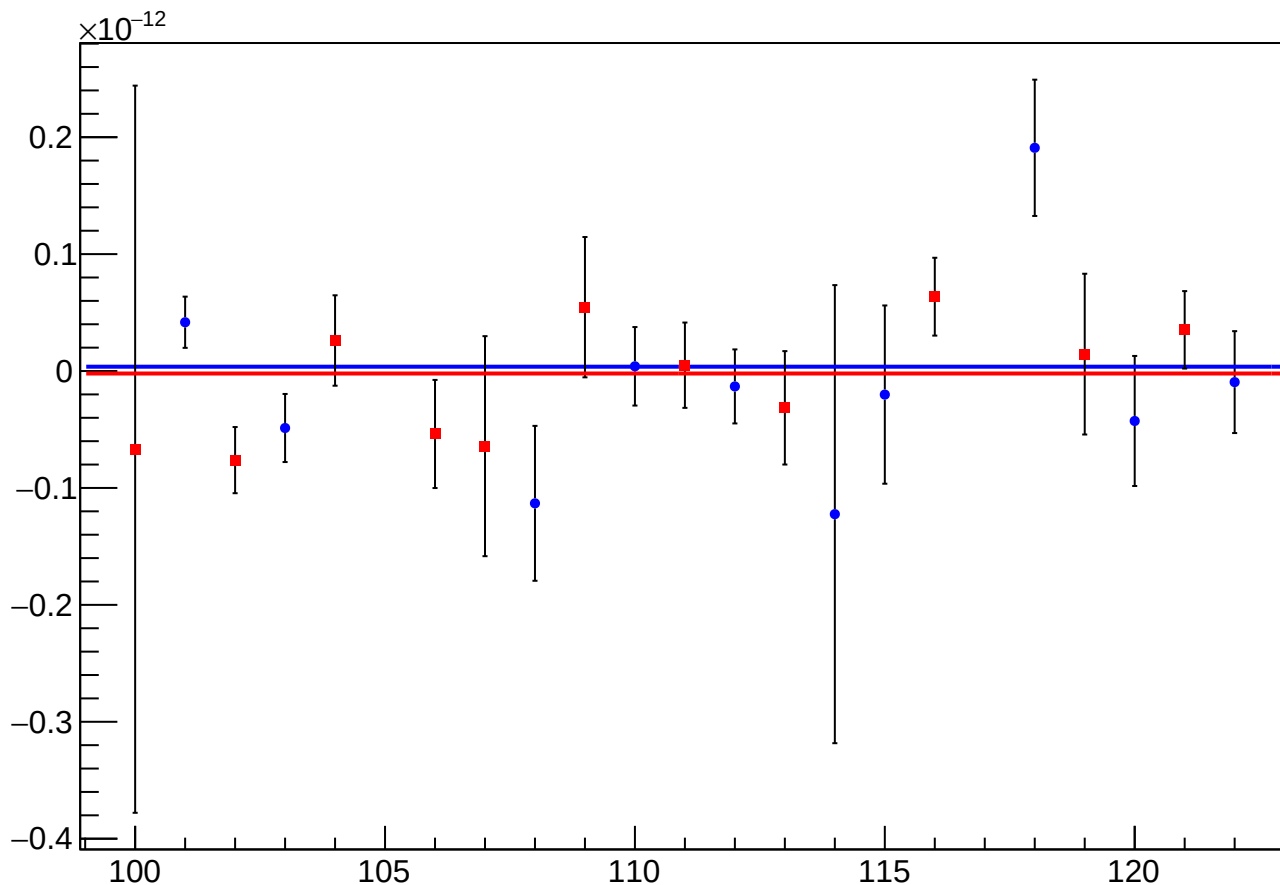
Right: 409.638+/-0.101 χ^2/NDF : 706444.4/20

In: 410.904+/-0.147 χ^2/NDF : 326923.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.638+/-0.101 χ^2/NDF : 706444.4/20

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean 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 : 15.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

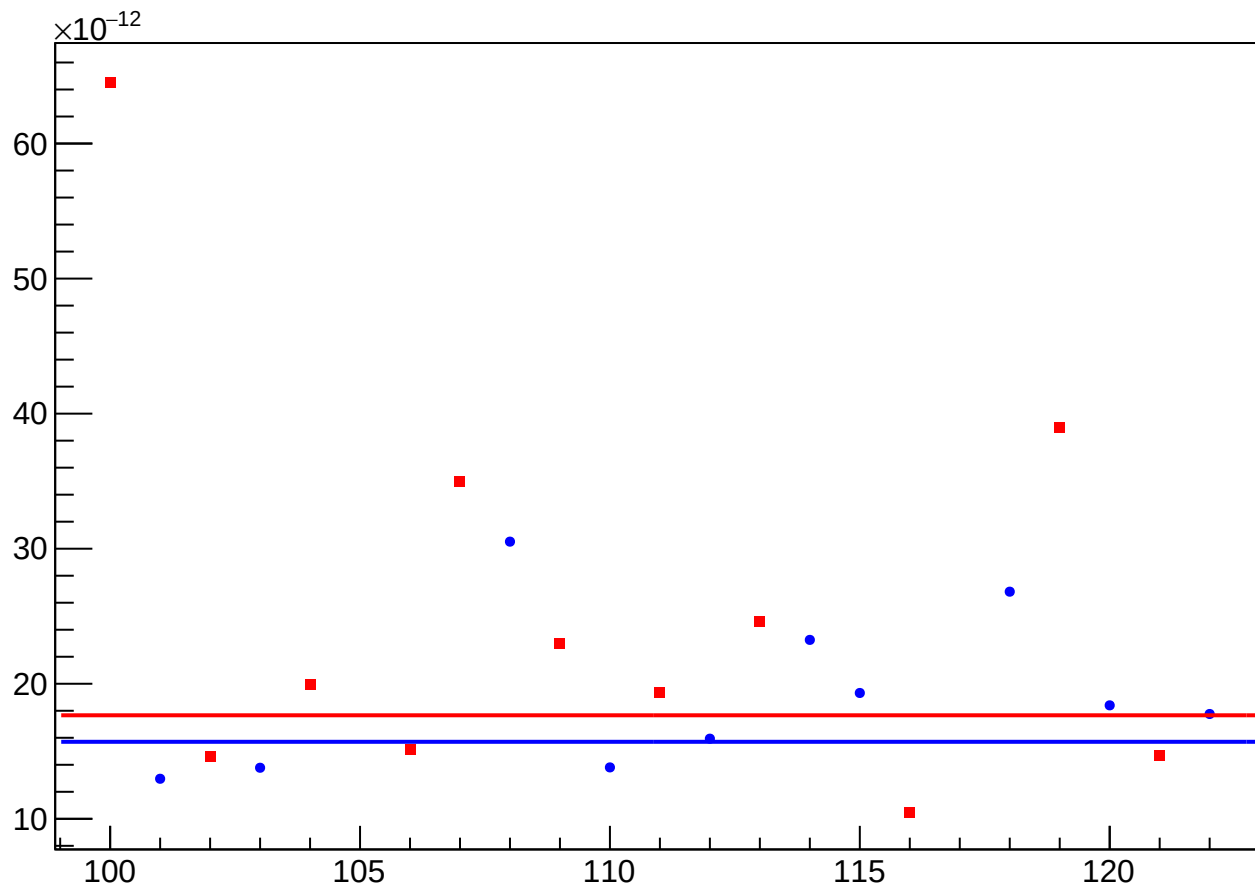
Right: 0.000+/-0.000 χ^2/NDF : 37.0/20

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 : 37.0/20

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 : 511641.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

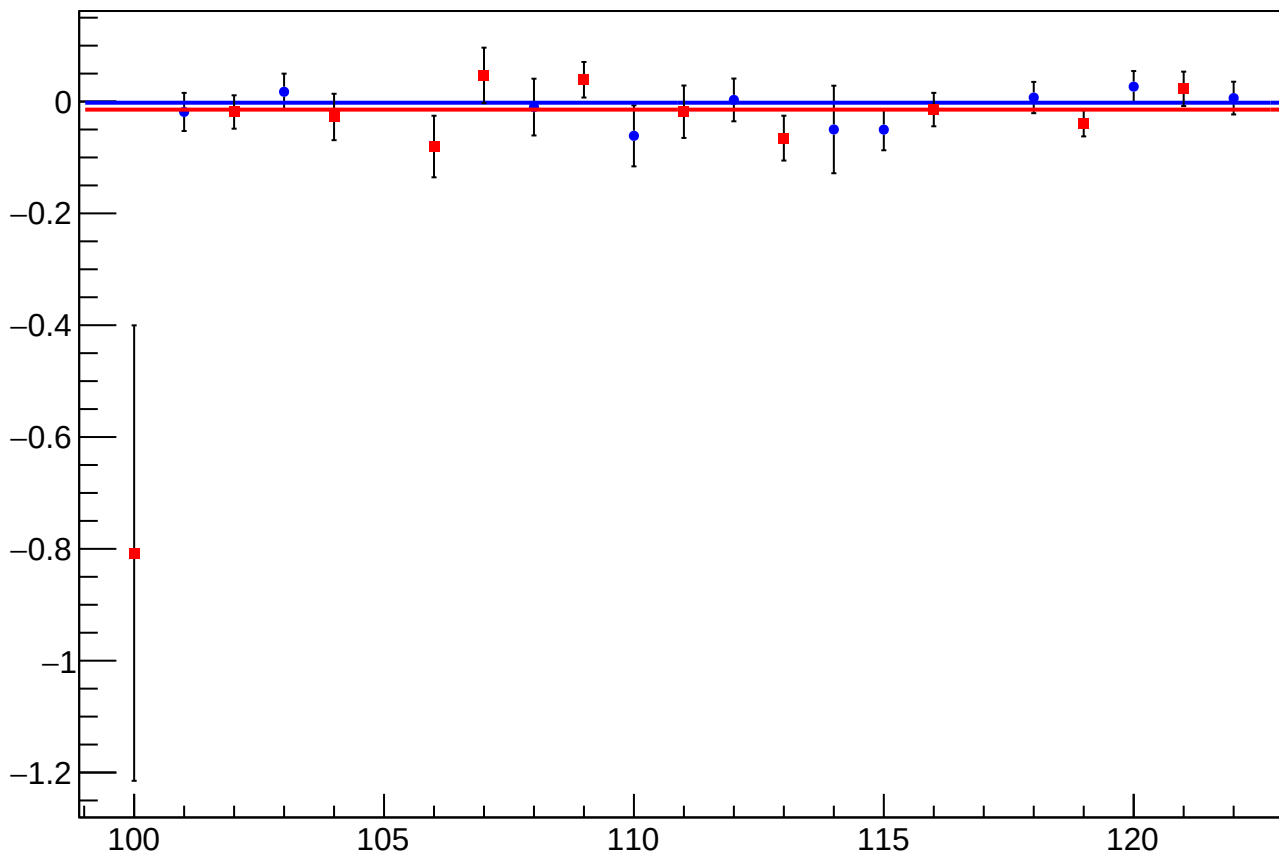
Right: 0.000+/-0.000 χ^2/NDF : 771973.5/20

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 : 771973.5/20

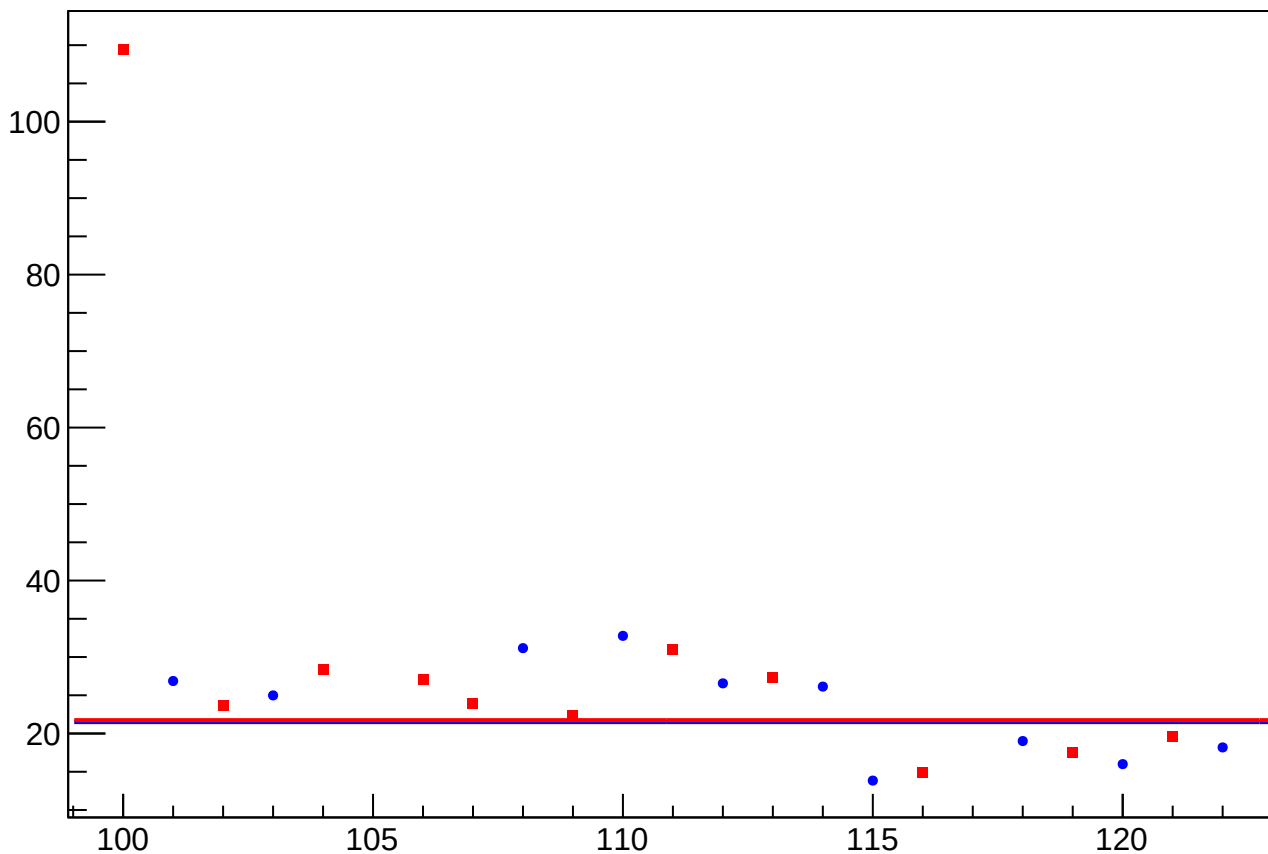
asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.014 $\pm$ 0.011 χ^2 /NDF: 13.9/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.008 $\pm$ 0.008 χ^2 /NDF: 19.6/20
 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: 19.6/20

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: 21.751+/-0.008 χ^2/NDF : 468212.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

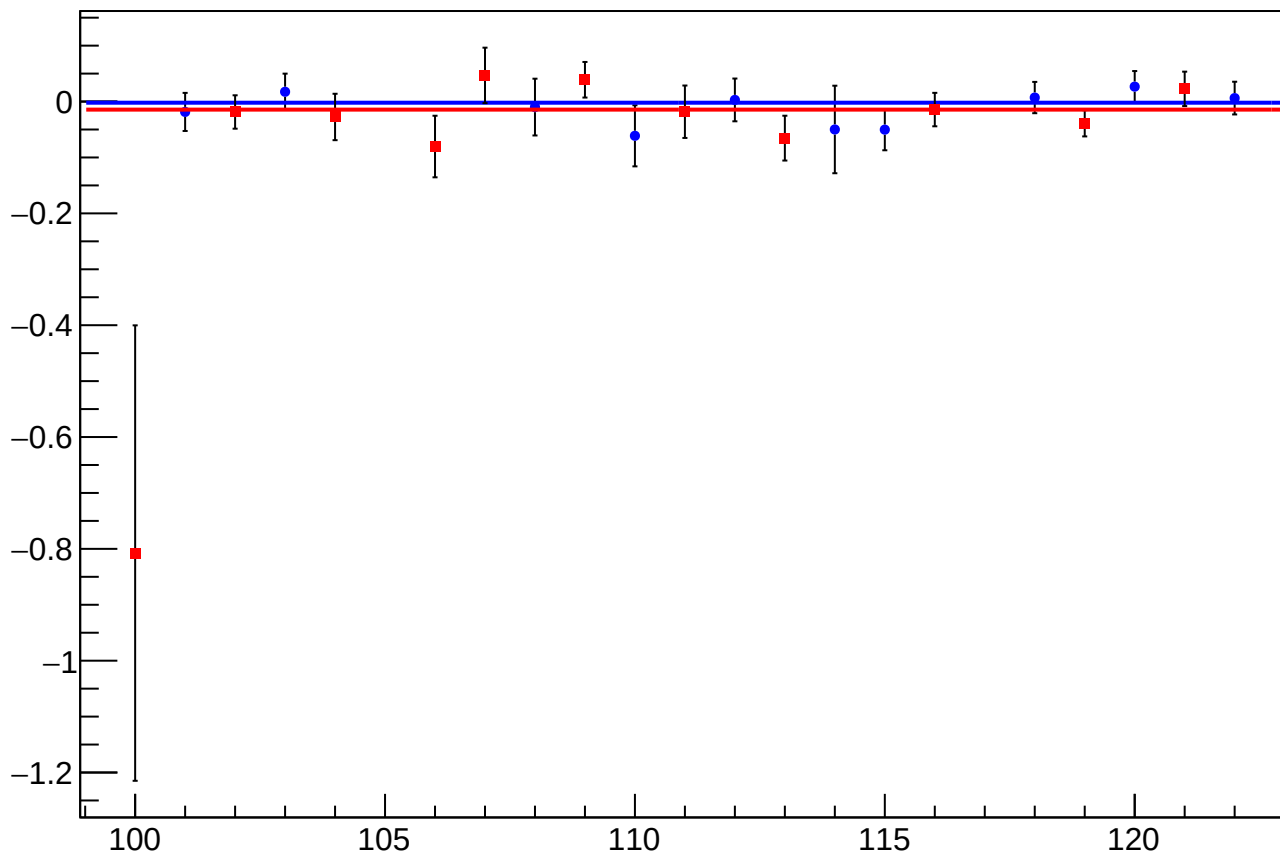
Right: 21.626+/-0.006 χ^2/NDF : 946337.6/20

In: 21.491+/-0.008 χ^2/NDF : 477571.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.626+/-0.006 χ^2/NDF : 946337.6/20

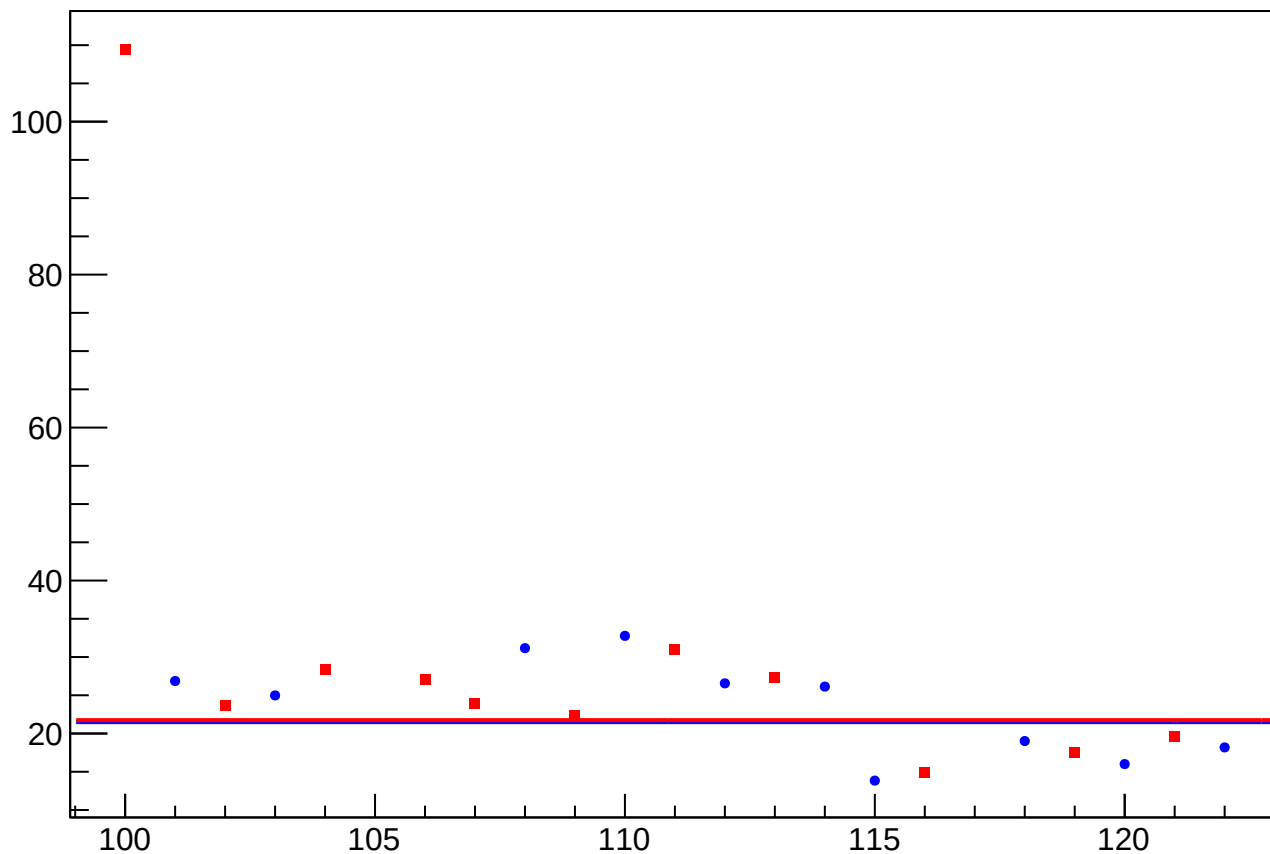
asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.014 ± 0.011 $\chi^2/\text{NDF}: 13.9/10$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.008 ± 0.008 $\chi^2/\text{NDF}: 19.6/20$
 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 $\chi^2/\text{NDF}: 19.6/20$

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: 21.751+/-0.008 χ^2/NDF : 468212.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

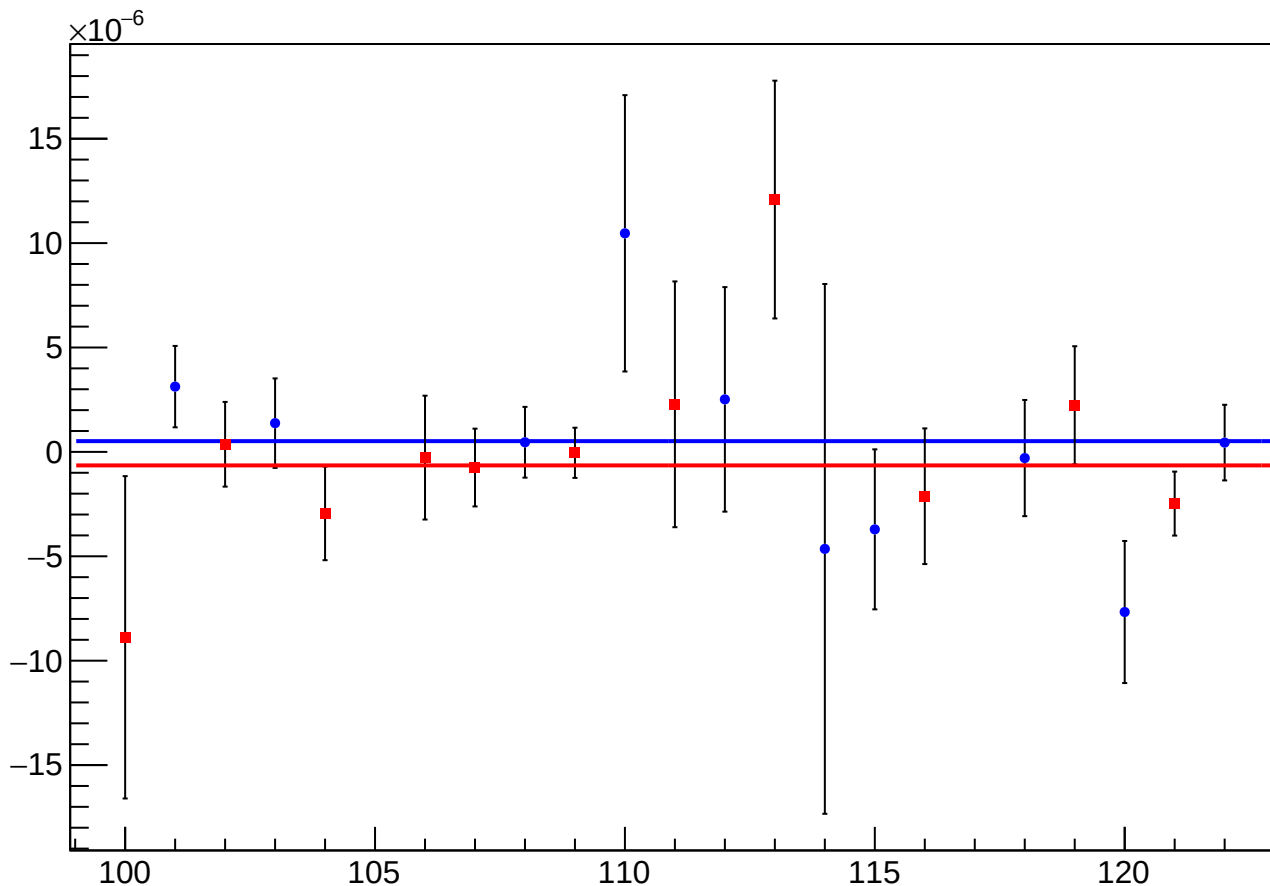
Right: 21.626+/-0.006 χ^2/NDF : 946337.6/20

In: 21.491+/-0.008 χ^2/NDF : 477571.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.626+/-0.006 χ^2/NDF : 946337.6/20

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 : 10.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

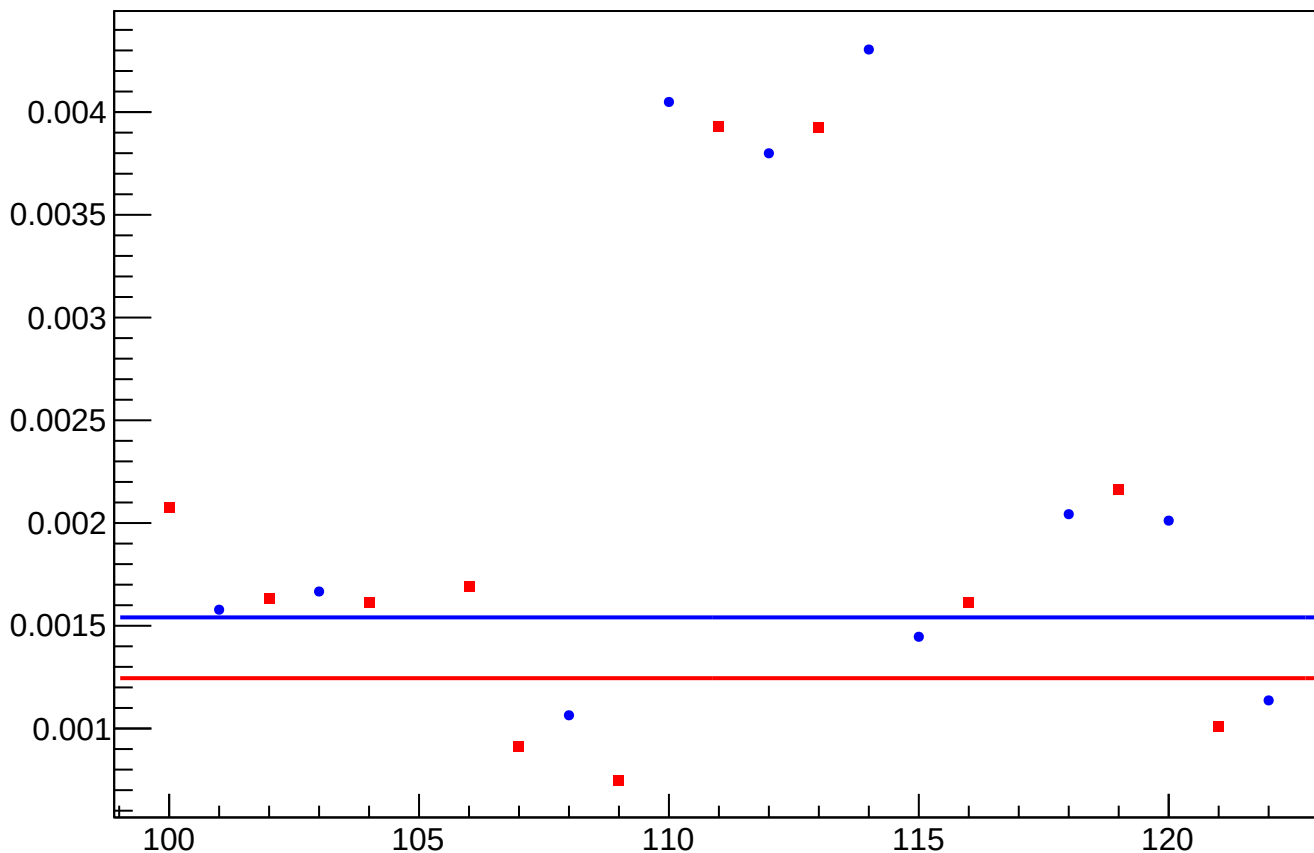
Right: -0.000 ± 0.000 χ^2/NDF : 23.4/20

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 : 23.4/20

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 : 1745392.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

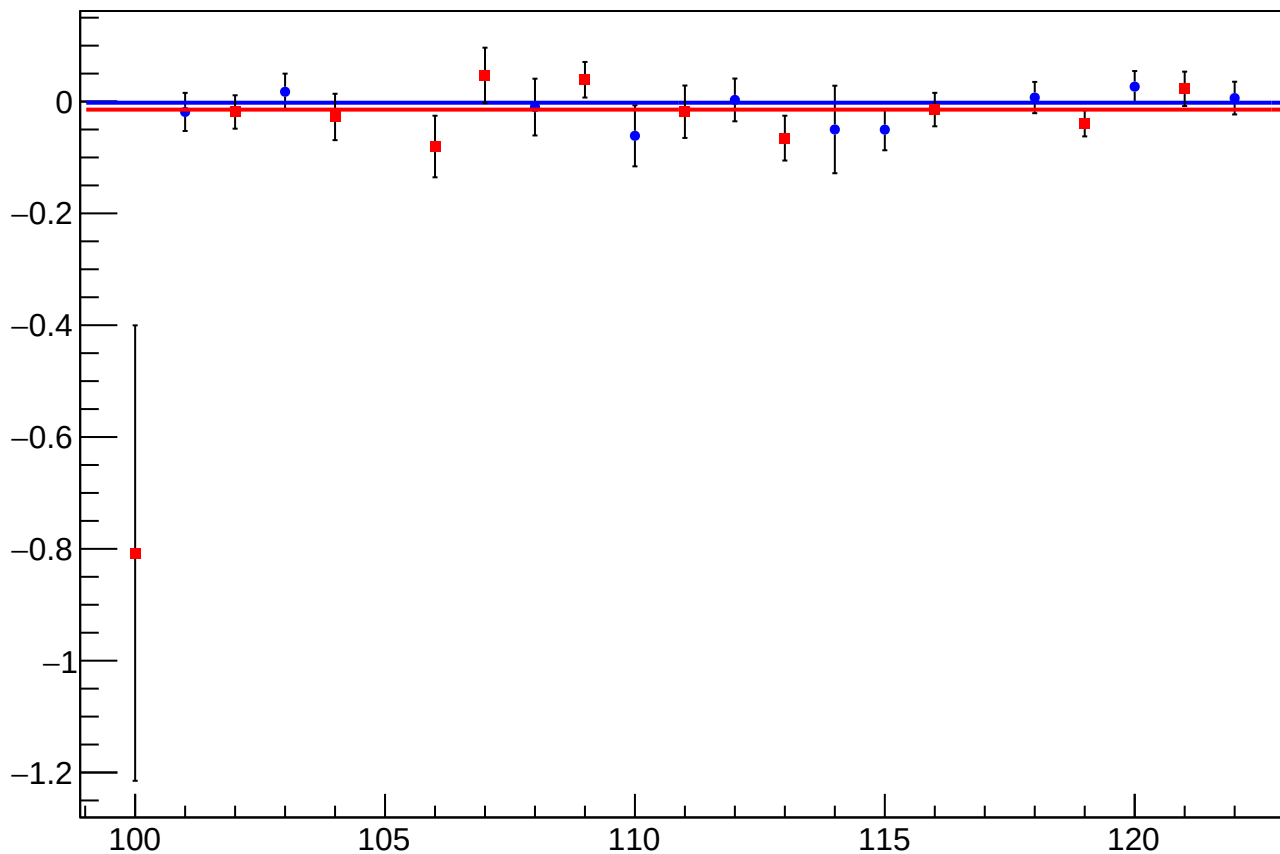
Right: 0.001+/-0.000 χ^2/NDF : 3006987.4/20

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 : 3006987.4/20

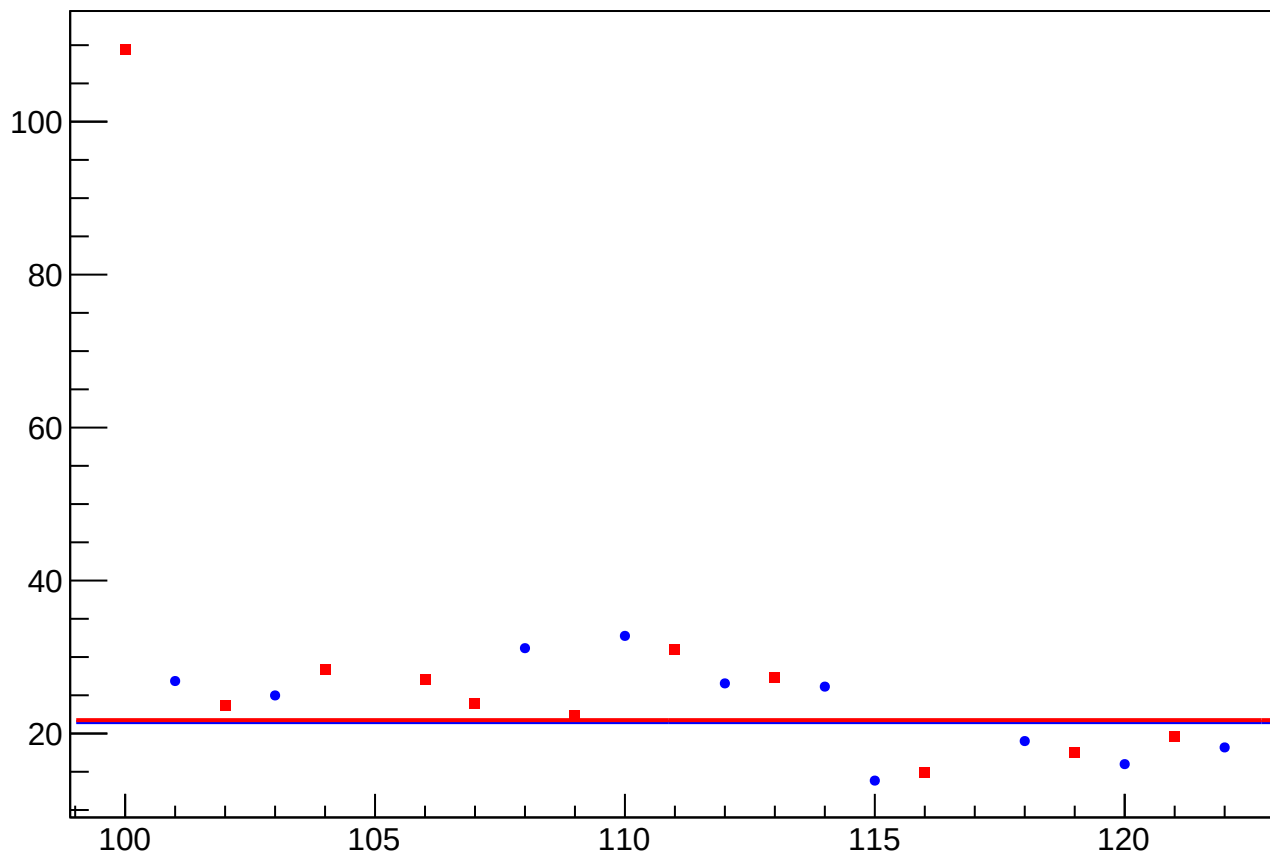
asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.014 ± 0.011 $\chi^2/\text{NDF}: 13.9/10$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.008 ± 0.008 $\chi^2/\text{NDF}: 19.6/20$
 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 $\chi^2/\text{NDF}: 19.6/20$

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: 21.751+/-0.008 χ^2/NDF : 468163.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

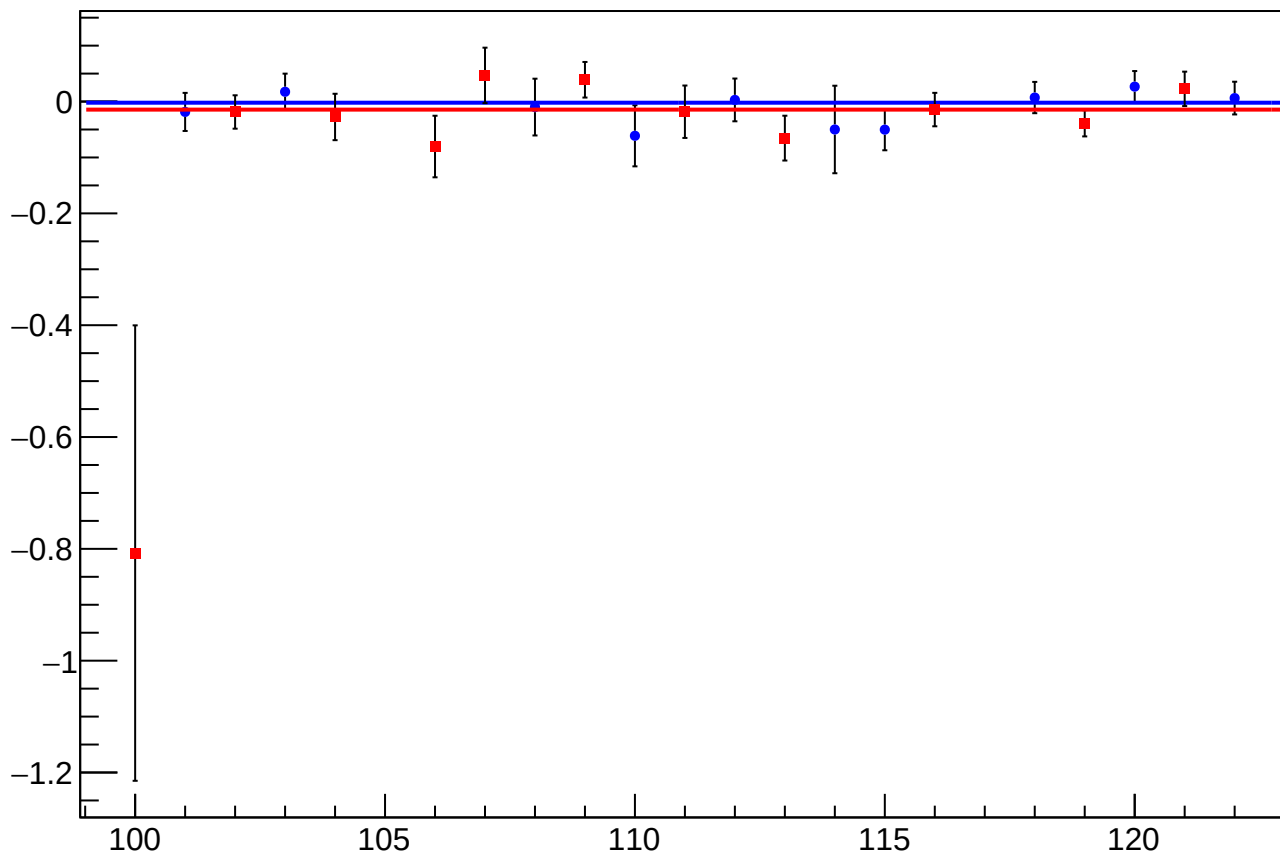
Right: 21.626+/-0.006 χ^2/NDF : 946239.4/20

In: 21.490+/-0.008 χ^2/NDF : 477523.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.626+/-0.006 χ^2/NDF : 946239.4/20

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: -0.014 $\pm$ 0.011 χ^2 /NDF: 13.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

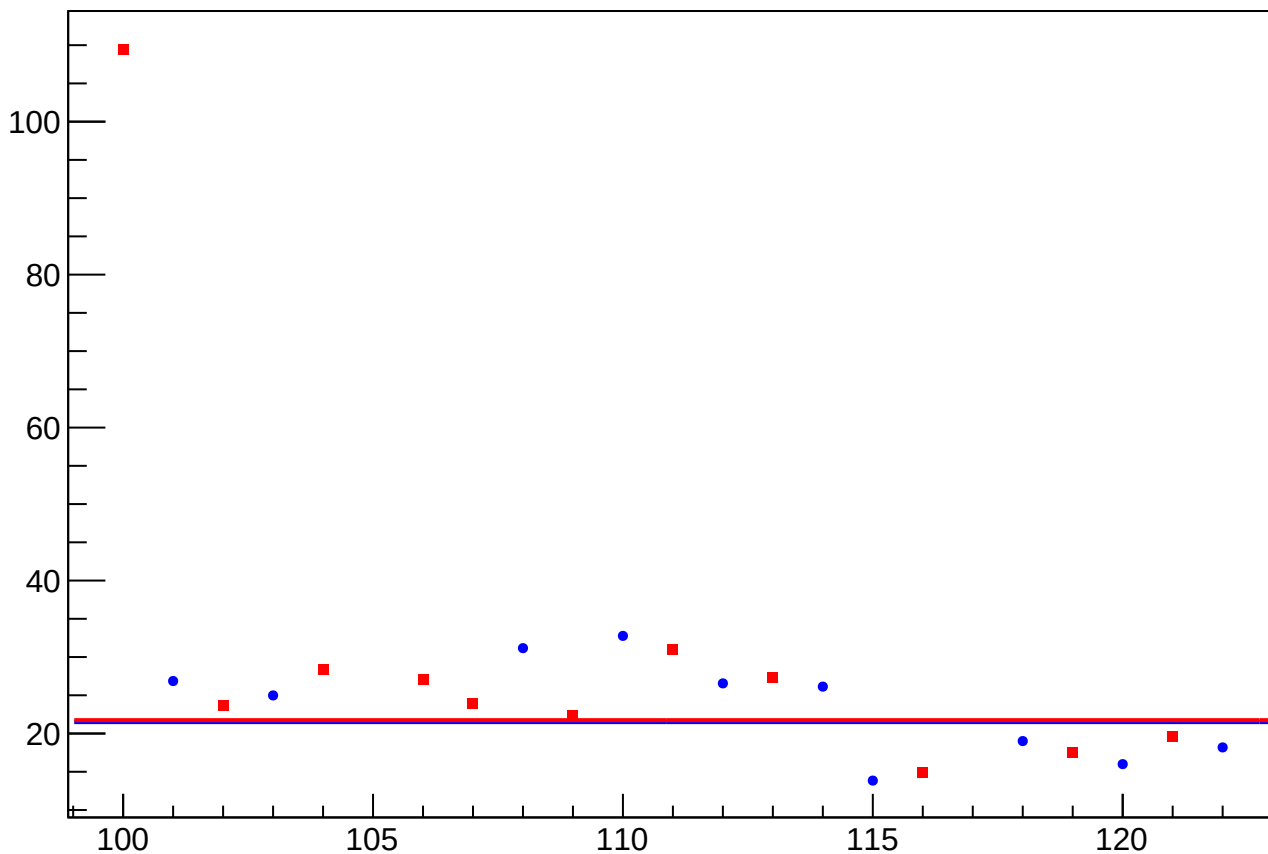
Right: -0.008 $\pm$ 0.008 χ^2 /NDF: 19.6/20

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: 19.6/20

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: 21.751+/-0.008 χ^2/NDF : 468163.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

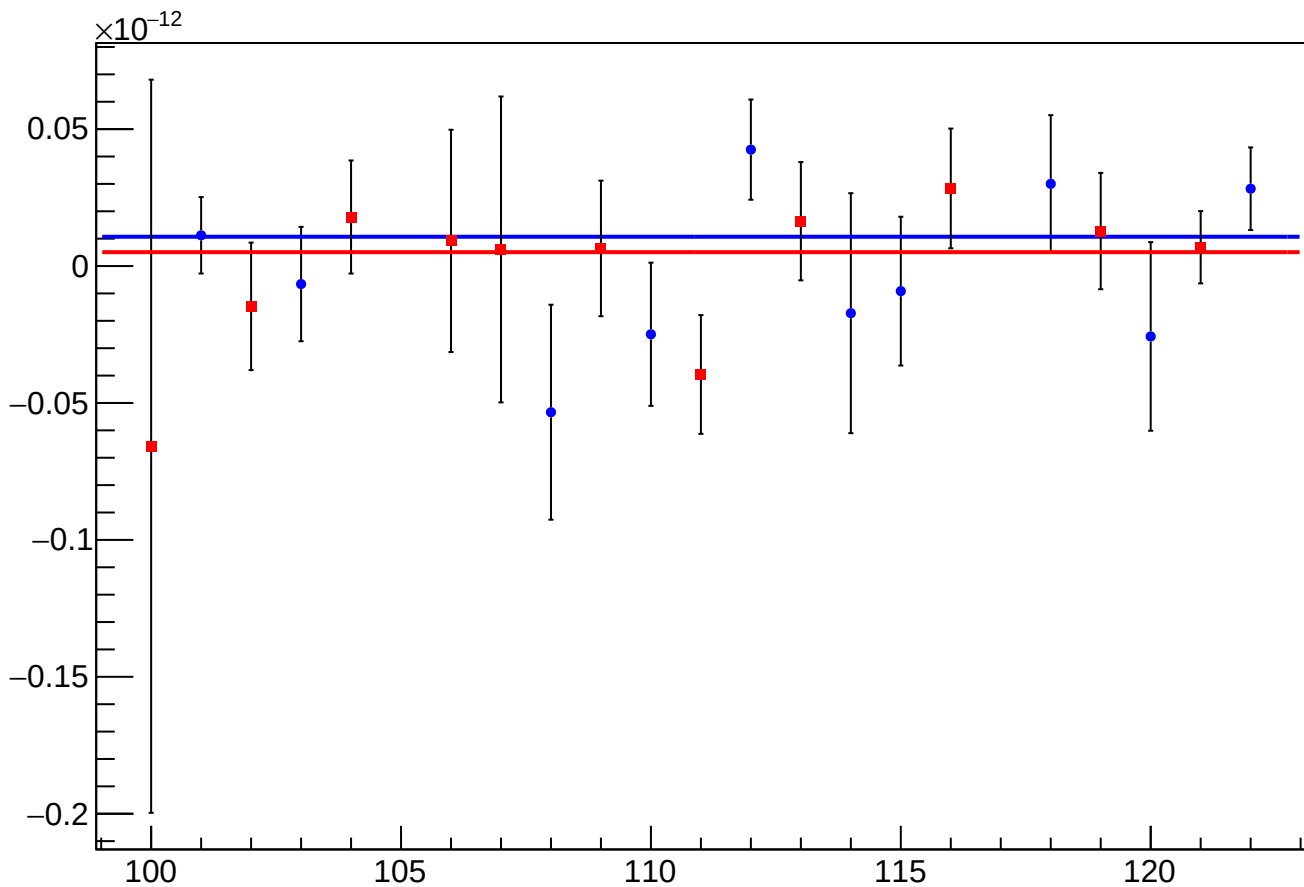
Right: 21.626+/-0.006 χ^2/NDF : 946239.4/20

In: 21.490+/-0.008 χ^2/NDF : 477523.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.626+/-0.006 χ^2/NDF : 946239.4/20

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 : 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

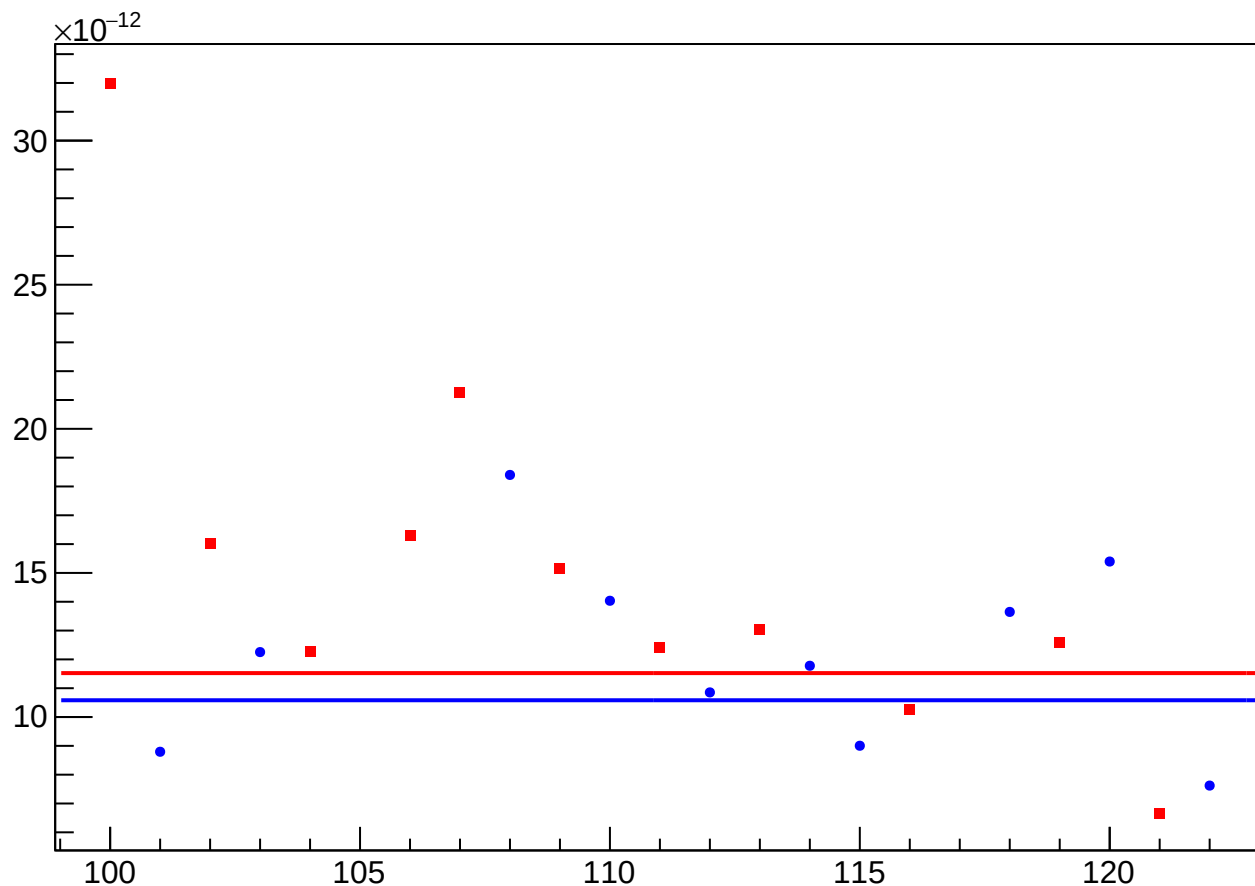
Right: 0.000+/-0.000 χ^2/NDF : 19.8/20

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 : 19.8/20

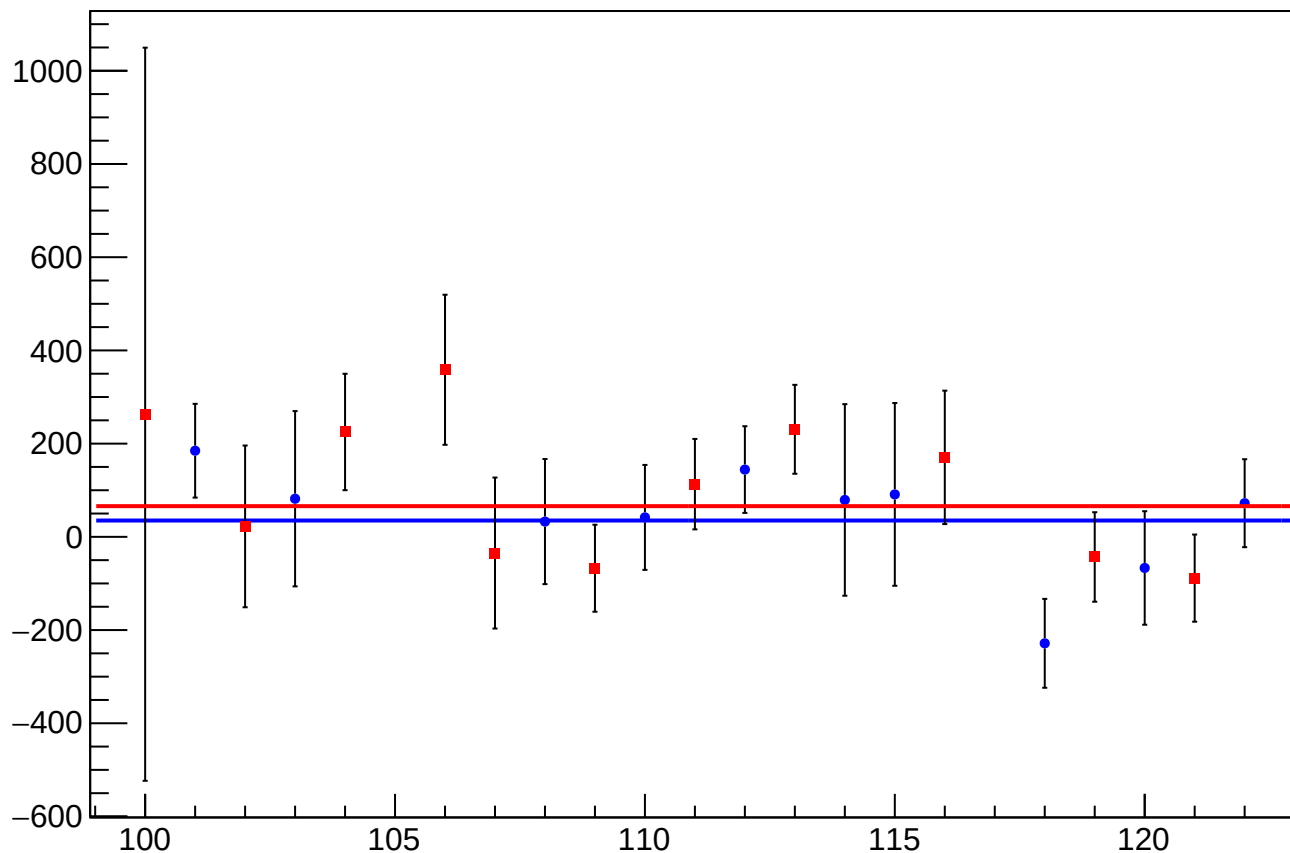
asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 553256.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 886542.7/20
 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 : 886542.7/20

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: 65.863+/-35.845 χ^2/NDF : 15.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

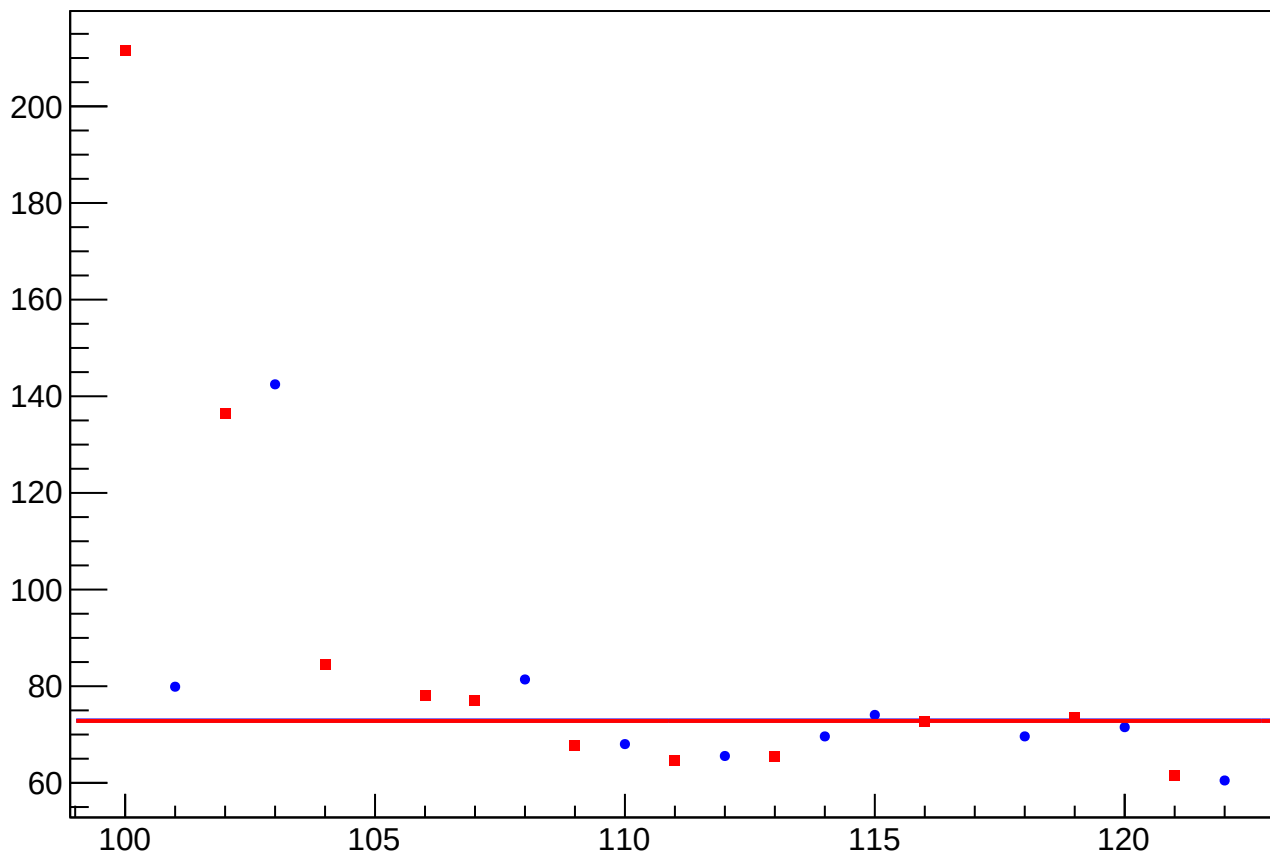
Right: 51.077+/-25.864 χ^2/NDF : 27.9/20

In: 35.019+/-37.356 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.077+/-25.864 χ^2/NDF : 27.9/20

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: 72.814+/-0.025 χ^2/NDF : 412980.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

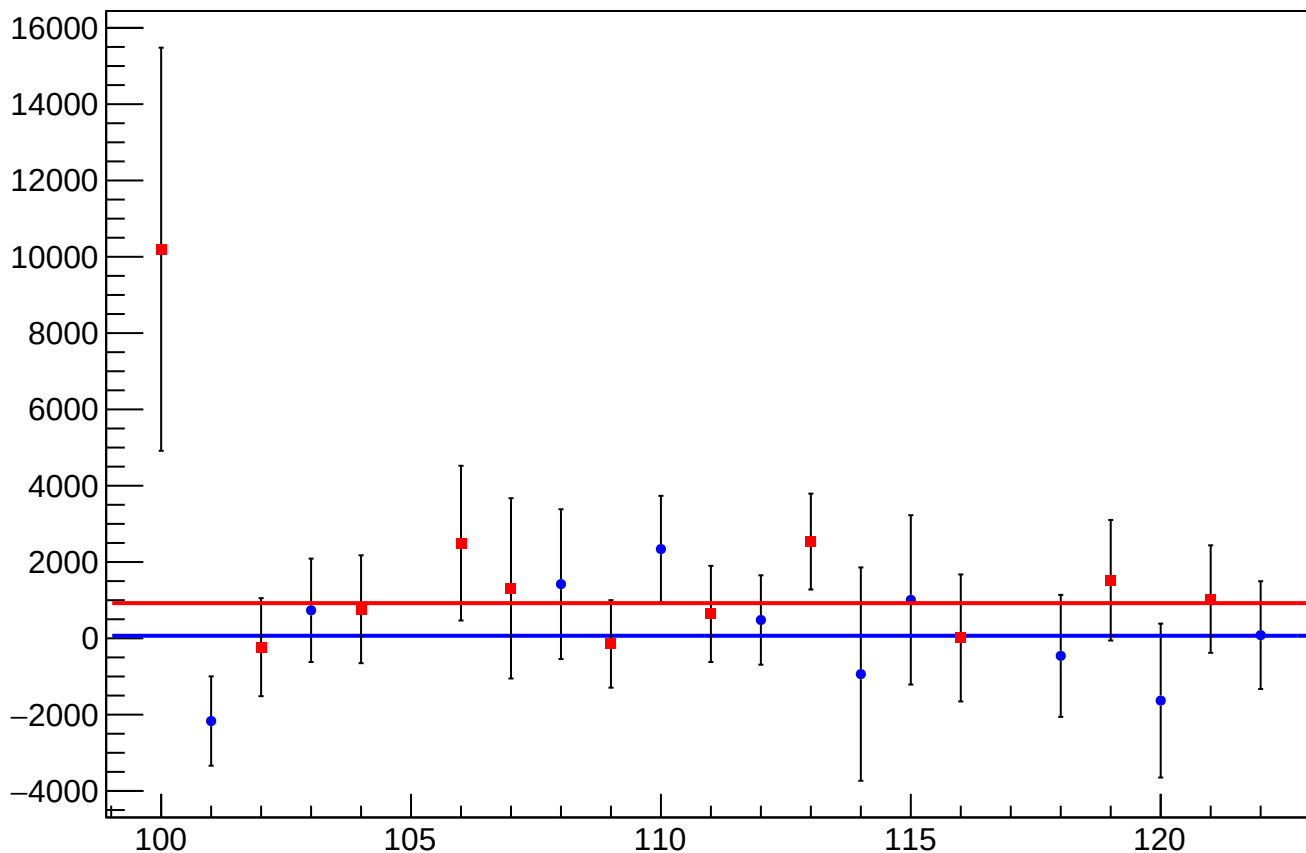
Right: 72.858+/-0.018 χ^2/NDF : 758432.3/20

In: 72.905+/-0.026 χ^2/NDF : 345445.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.858+/-0.018 χ^2/NDF : 758432.3/20

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: 922.772+/-453.873 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

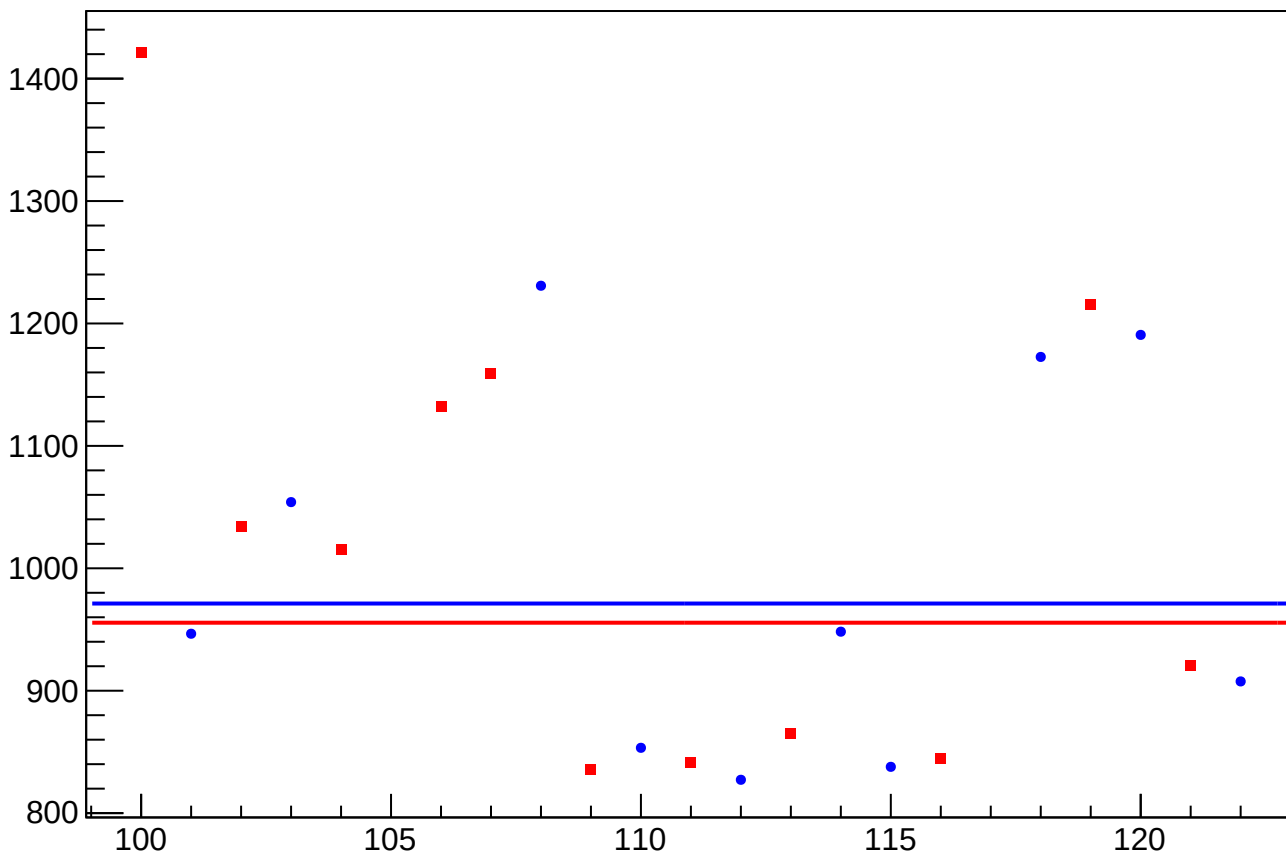
Right: 523.724+/-331.506 χ^2/NDF : 17.5/20

In: 67.412+/-485.347 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.724+/-331.506 χ^2/NDF : 17.5/20

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: 955.556+/-0.321 χ^2/NDF : 169617.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

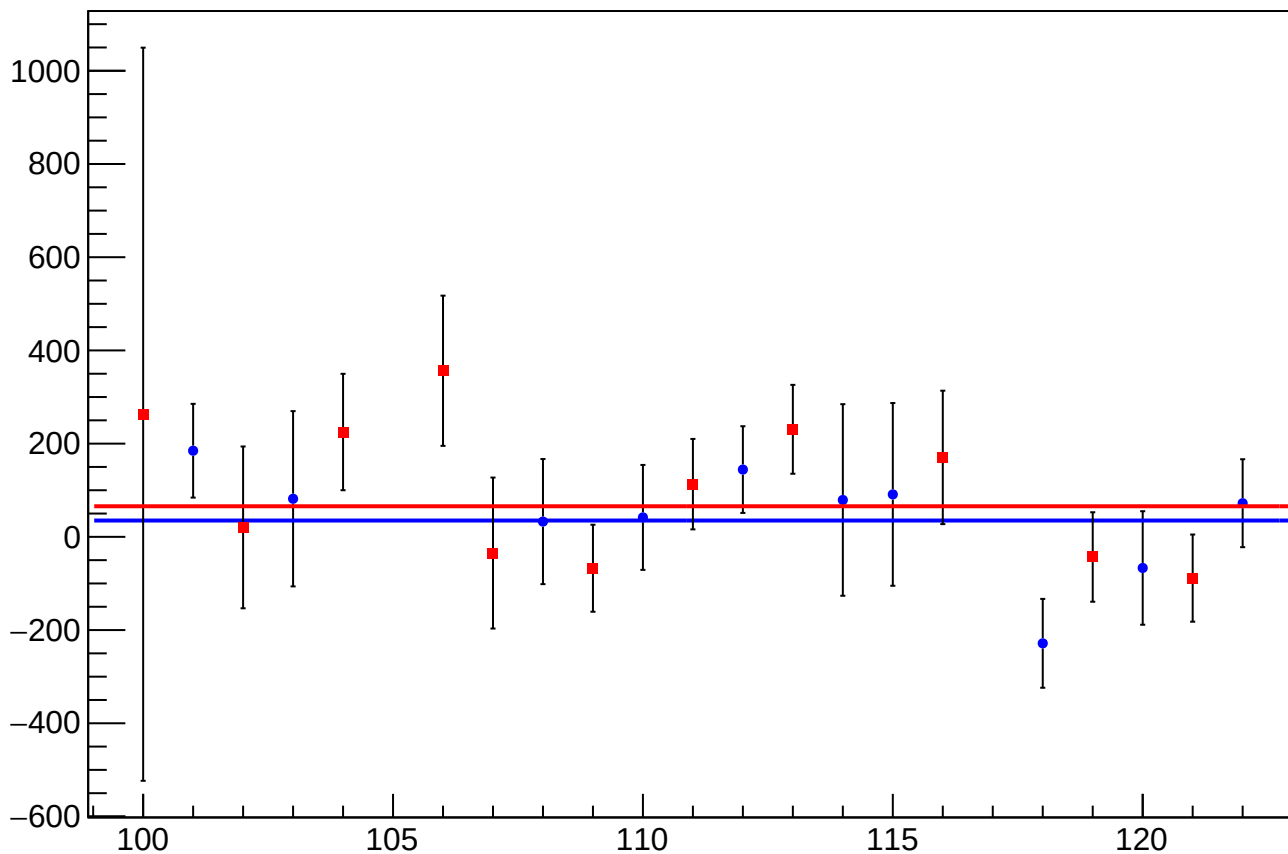
Right: 962.866+/-0.234 χ^2/NDF : 325434.1/20

In: 971.225+/-0.343 χ^2/NDF : 154704.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.866+/-0.234 χ^2/NDF : 325434.1/20

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: 65.634+/-35.848 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

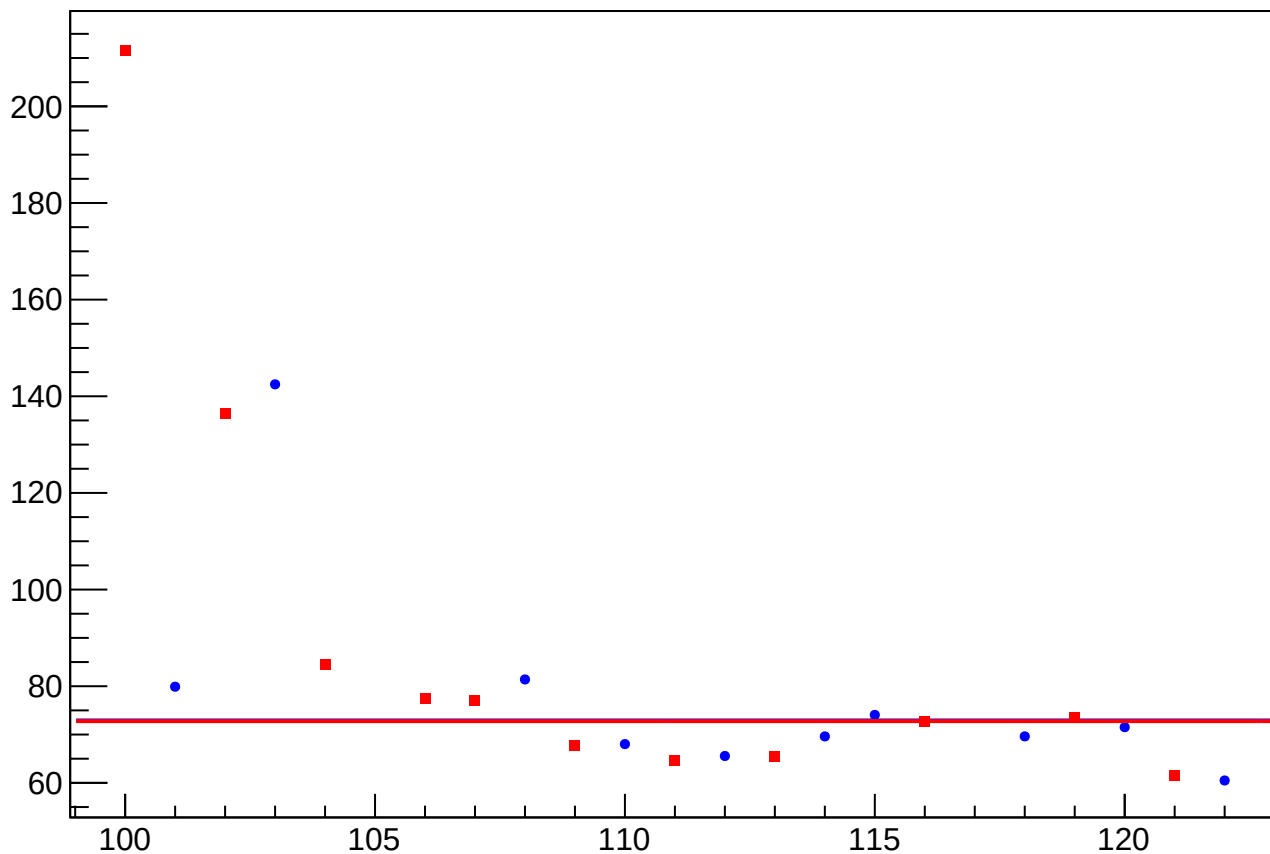
Right: 50.952+/-25.865 χ^2/NDF : 27.8/20

In: 35.009+/-37.356 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.952+/-25.865 χ^2/NDF : 27.8/20

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: 72.779+/-0.025 χ^2/NDF : 412716.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

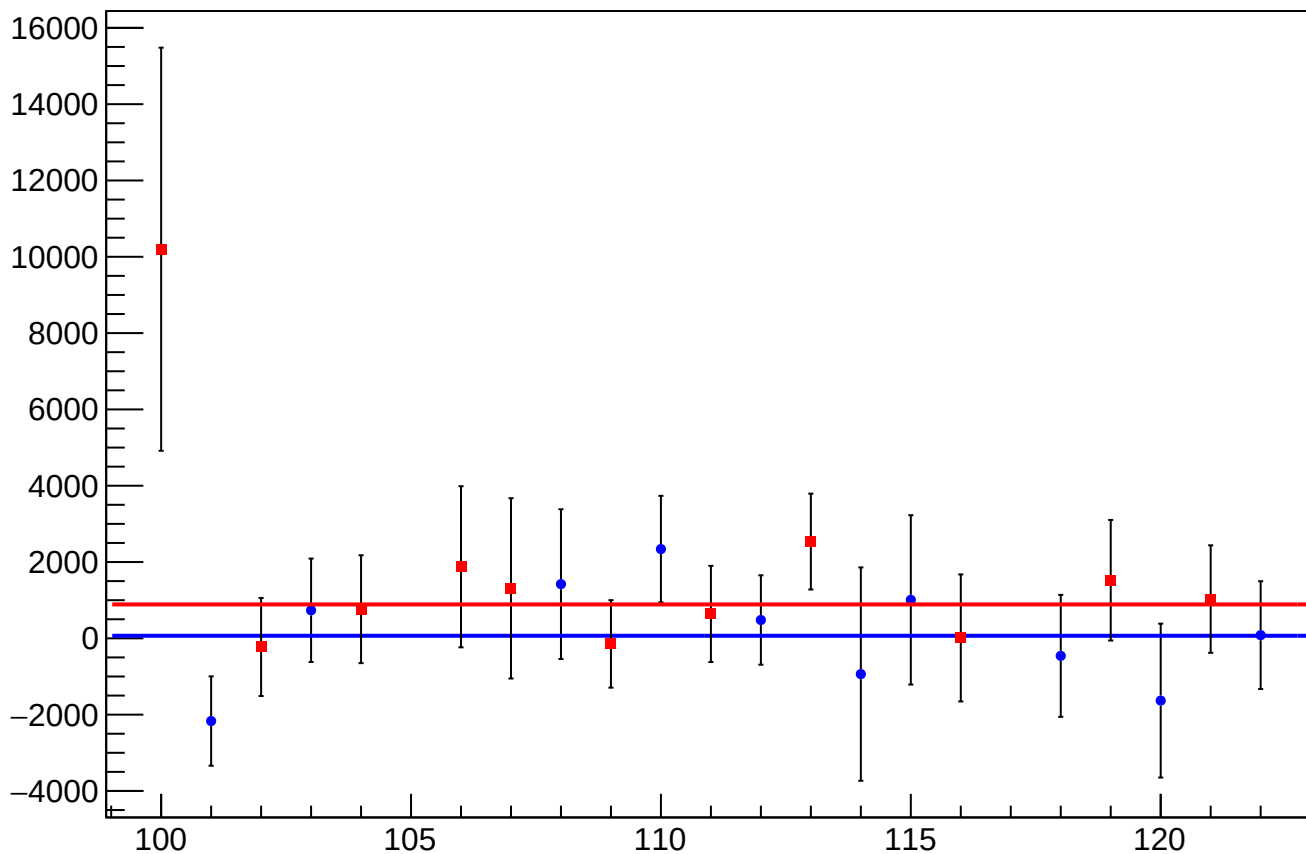
Right: 72.840+/-0.018 χ^2/NDF : 758176.4/20

In: 72.905+/-0.026 χ^2/NDF : 345448.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.840+/-0.018 χ^2/NDF : 758176.4/20

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: 888.734+/-454.800 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

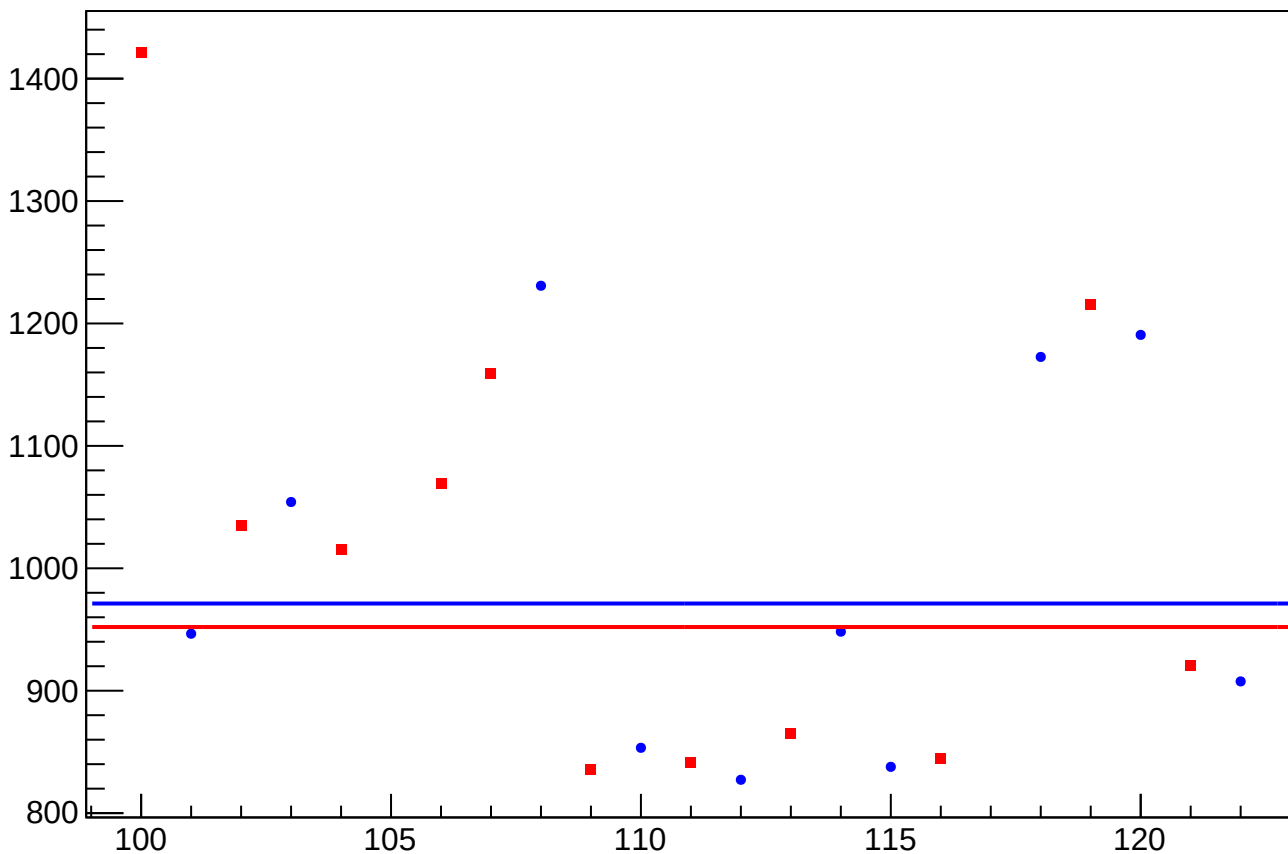
Right: 504.764+/-331.868 χ^2/NDF : 16.9/20

In: 67.473+/-485.352 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.764+/-331.868 χ^2/NDF : 16.9/20

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: 952.039+/-0.322 χ^2/NDF : 160291.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

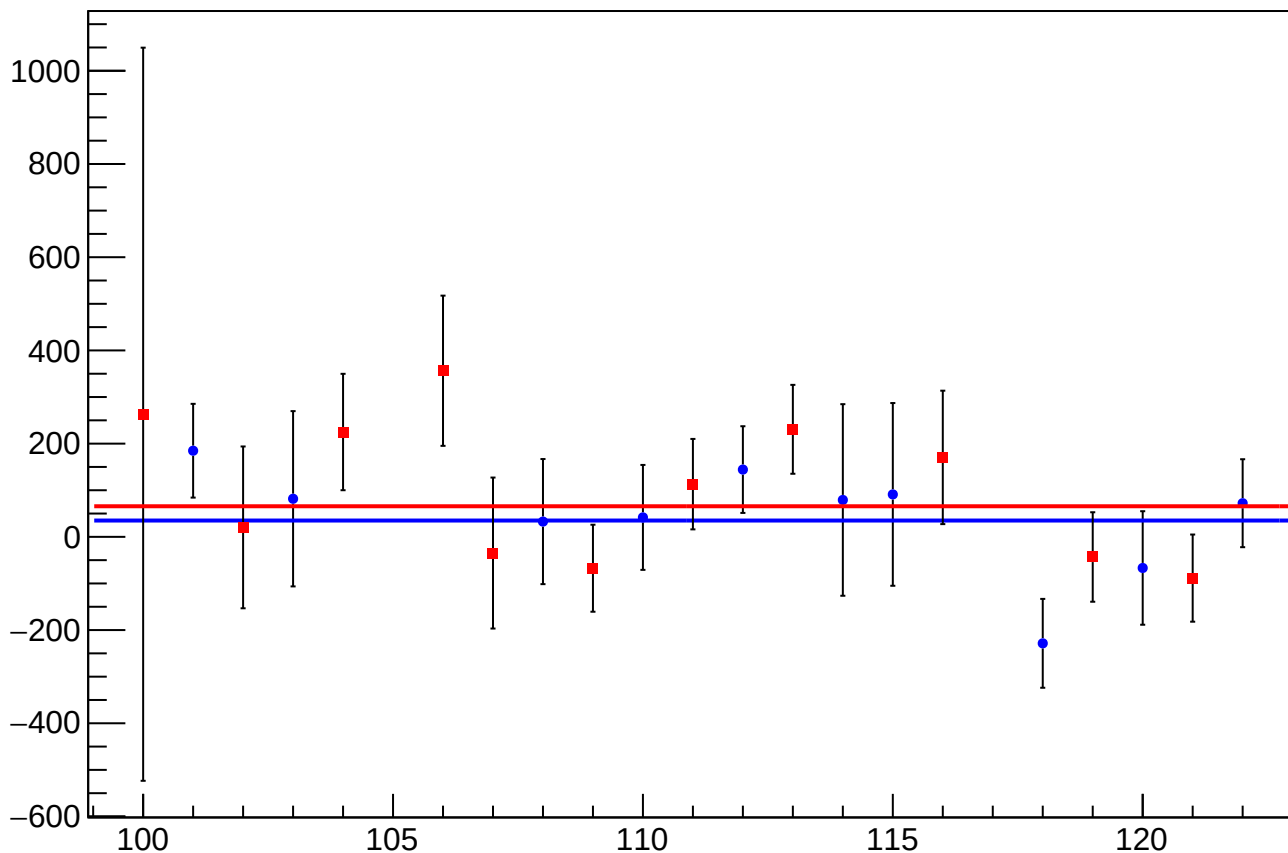
Right: 961.013+/-0.235 χ^2/NDF : 316675.5/20

In: 971.234+/-0.343 χ^2/NDF : 154718.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 961.013+/-0.235 χ^2/NDF : 316675.5/20

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: 65.634+/-35.848 χ^2/NDF : 15.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

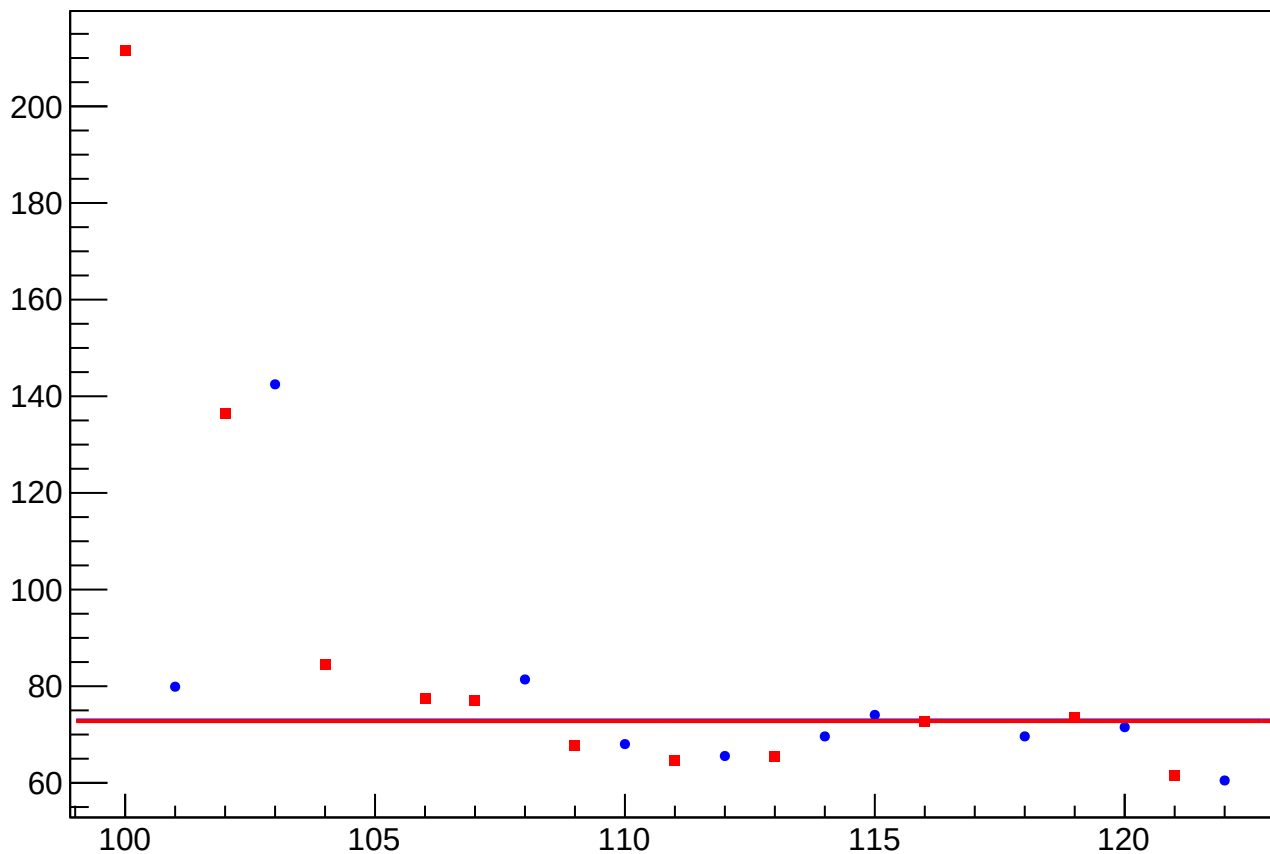
Right: 50.952+/-25.865 χ^2/NDF : 27.8/20

In: 35.009+/-37.356 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.952+/-25.865 χ^2/NDF : 27.8/20

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: 72.779+/-0.025 χ^2/NDF : 412716.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

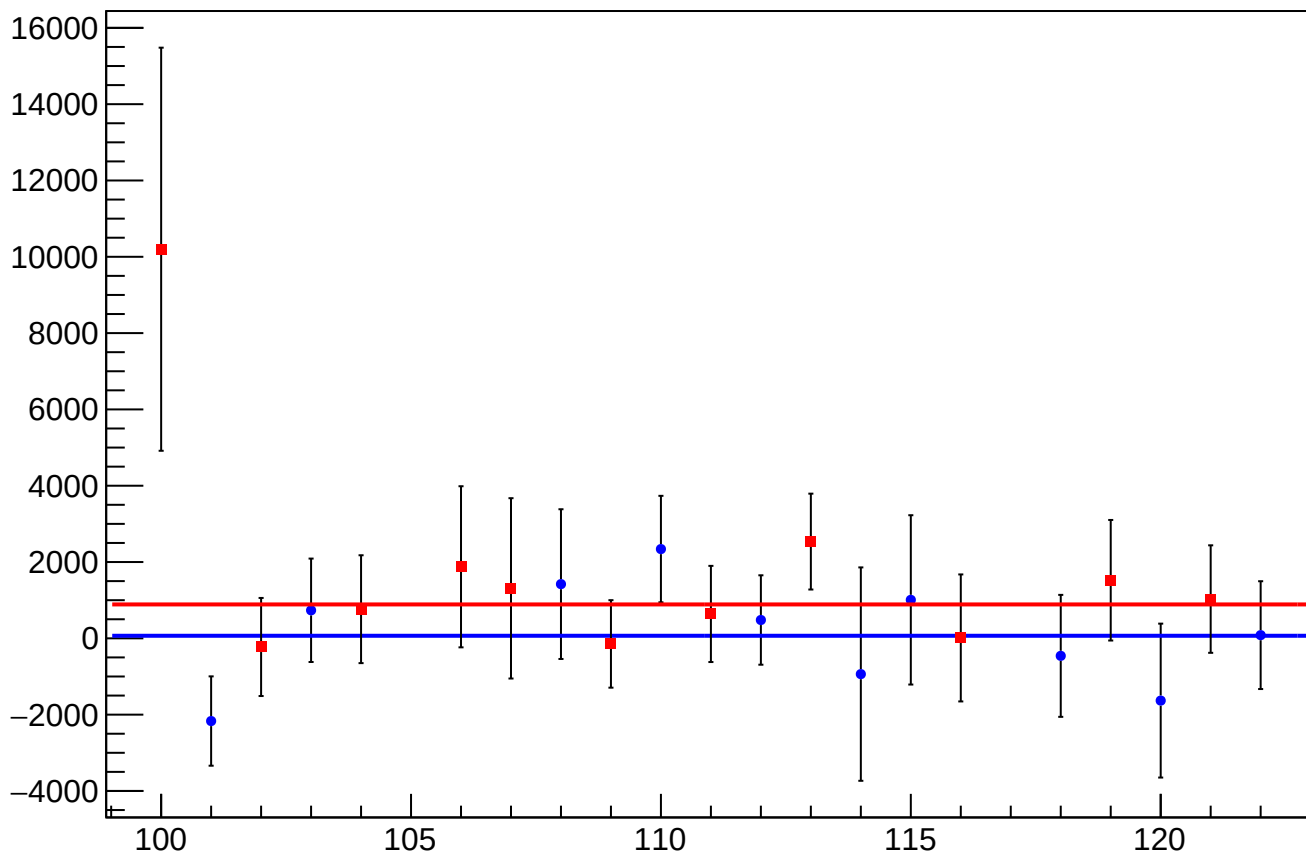
Right: 72.840+/-0.018 χ^2/NDF : 758176.4/20

In: 72.905+/-0.026 χ^2/NDF : 345448.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.840+/-0.018 χ^2/NDF : 758176.4/20

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: 888.734+/-454.800 χ^2/NDF : 7.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

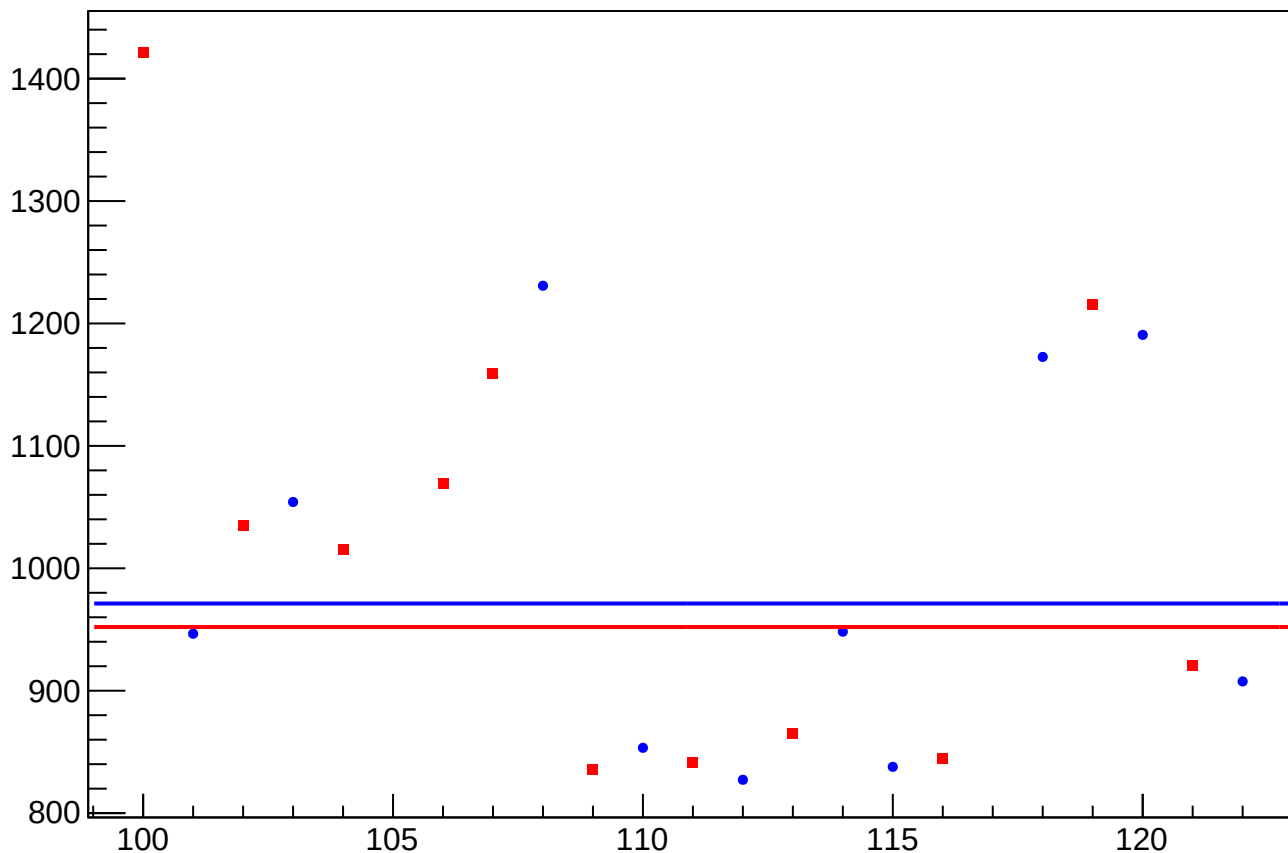
Right: 504.764+/-331.868 χ^2/NDF : 16.9/20

In: 67.473+/-485.352 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.764+/-331.868 χ^2/NDF : 16.9/20

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: 952.039+/-0.322 χ^2/NDF : 160291.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

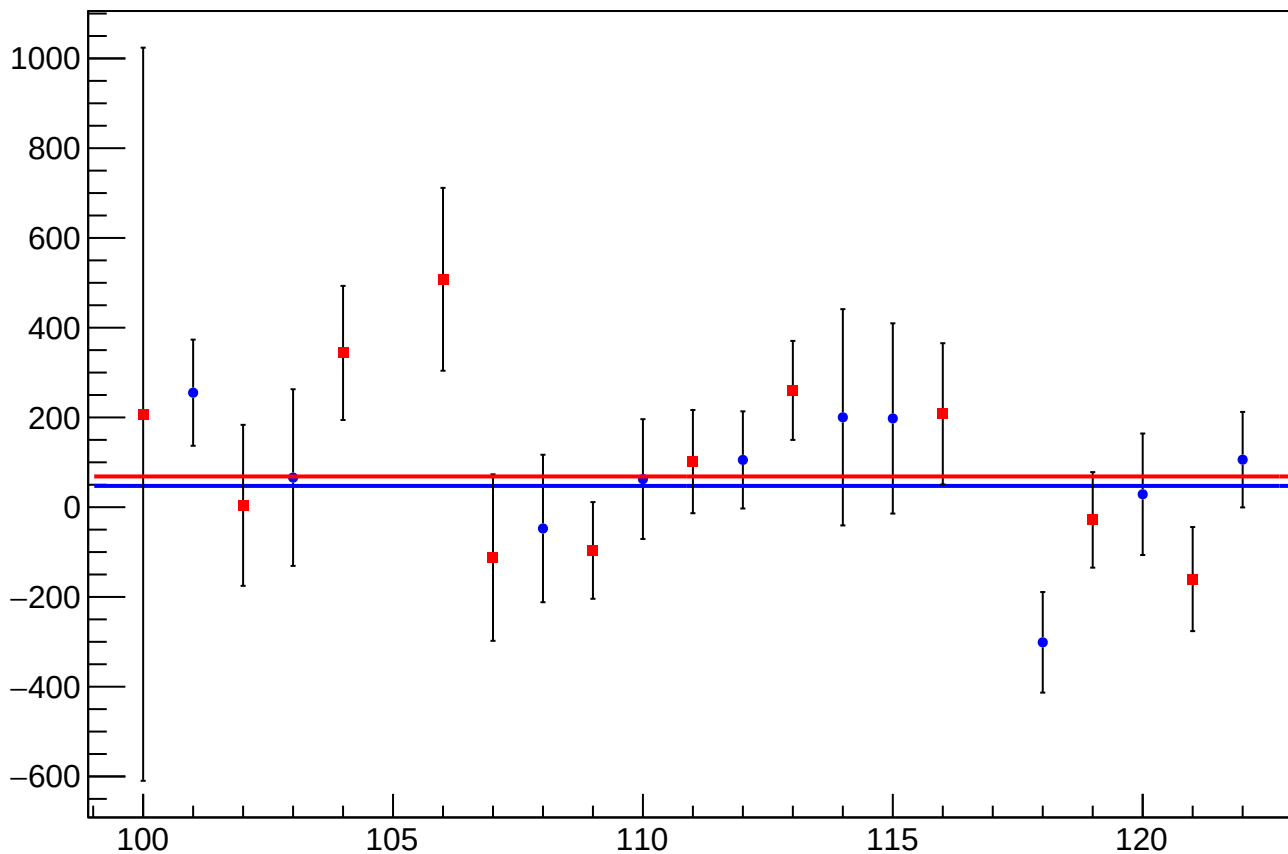
Right: 961.013+/-0.235 χ^2/NDF : 316675.5/20

In: 971.234+/-0.343 χ^2/NDF : 154718.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 961.013+/-0.235 χ^2/NDF : 316675.5/20

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: 68.505+/-41.617 χ^2/NDF : 20.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

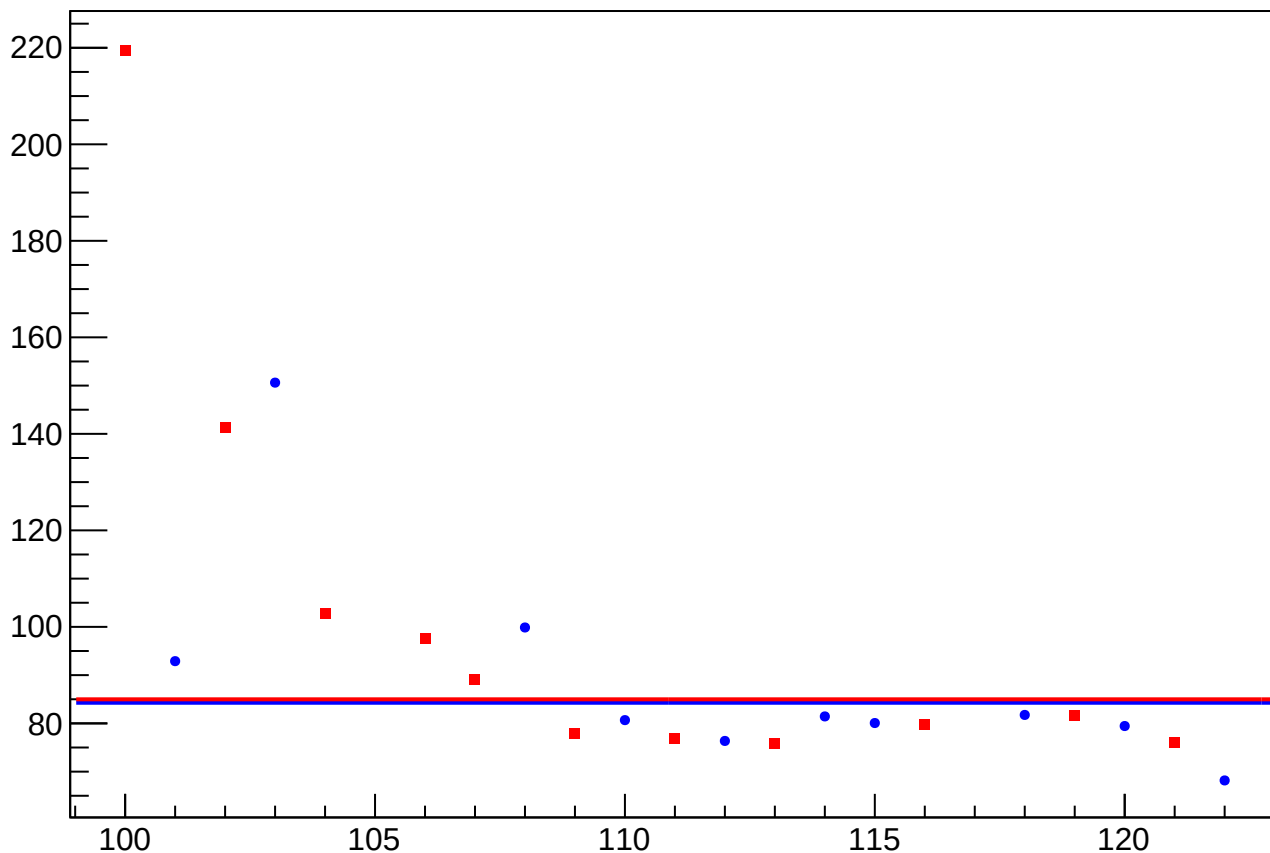
Right: 58.339+/-29.946 χ^2/NDF : 34.8/20

In: 47.422+/-43.124 χ^2/NDF : 14.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.339+/-29.946 χ^2/NDF : 34.8/20

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: 84.987+/-0.029 χ^2/NDF : 336800.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

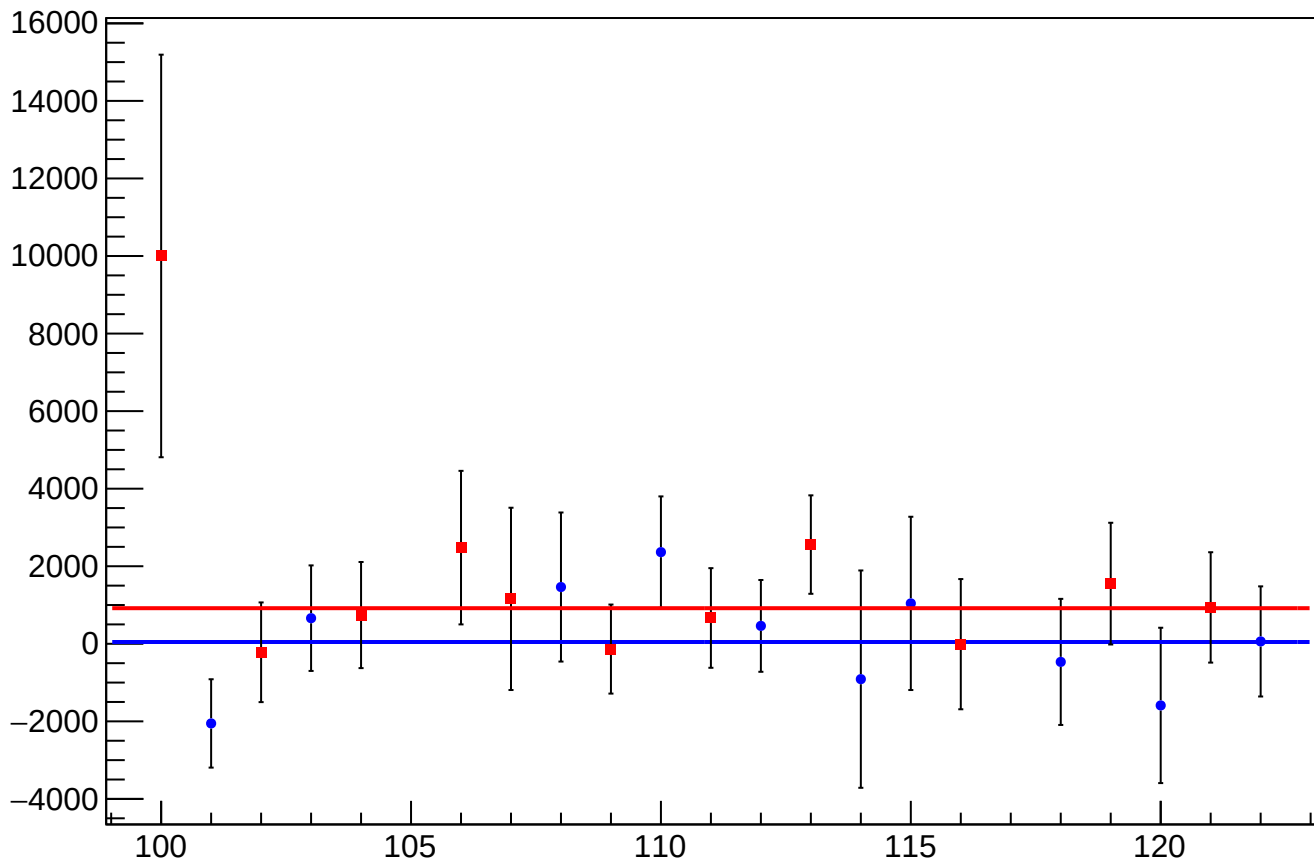
Right: 84.645+/-0.021 χ^2/NDF : 655468.9/20

In: 84.277+/-0.030 χ^2/NDF : 318388.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.645+/-0.021 χ^2/NDF : 655468.9/20

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: 918.150+/-453.969 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

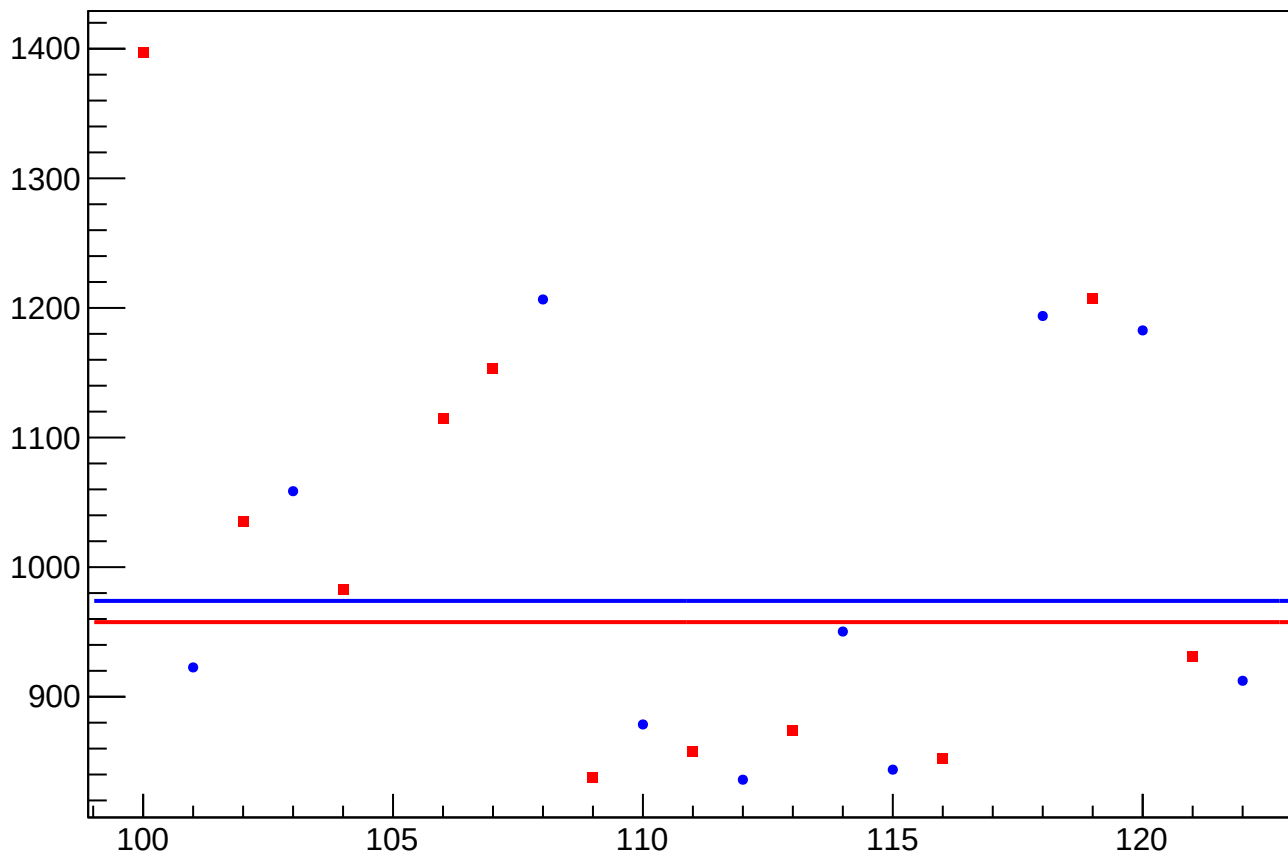
Right: 512.084+/-331.810 χ^2/NDF : 17.2/20

In: 46.335+/-486.188 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.084+/-331.810 χ^2/NDF : 17.2/20

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: 957.588+/-0.321 χ^2/NDF : 150421.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

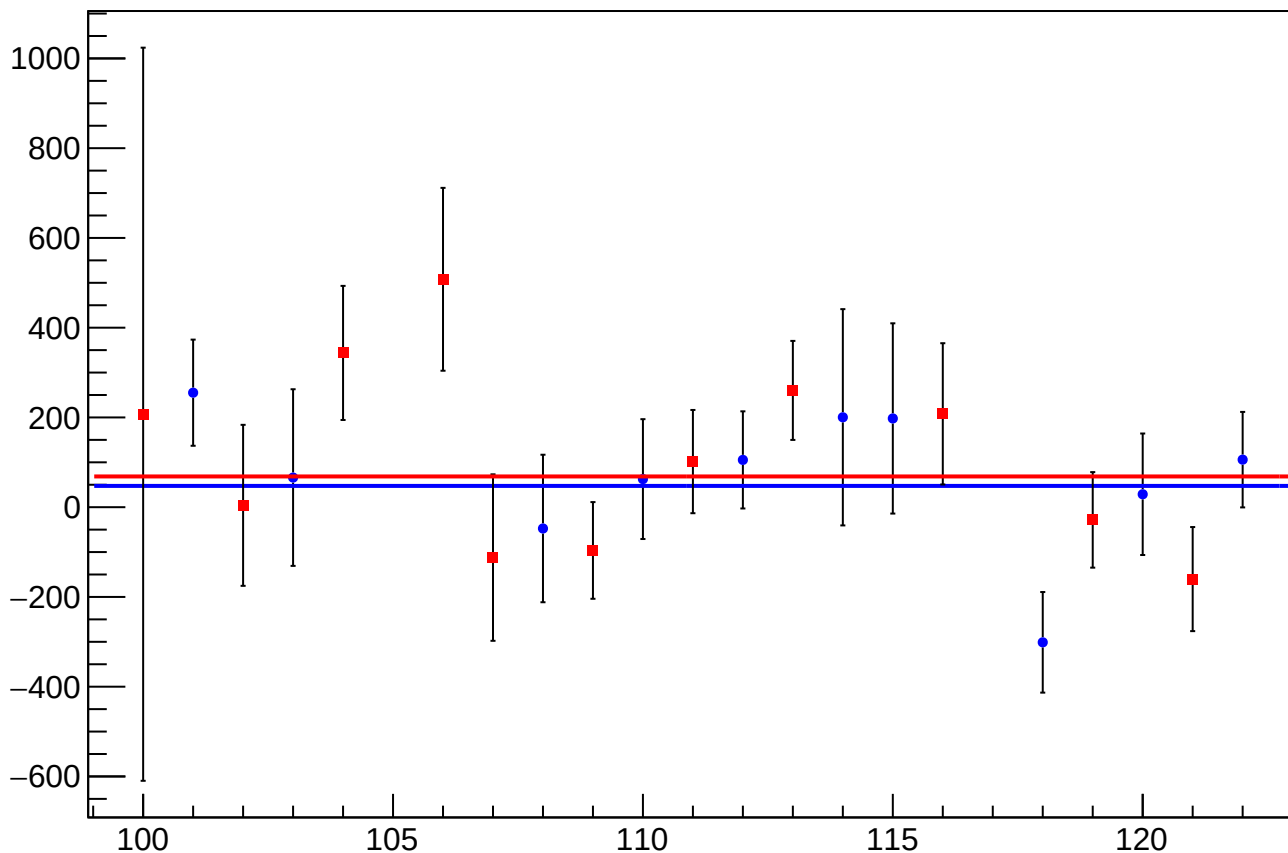
Right: 965.213+/-0.235 χ^2/NDF : 297675.8/20

In: 973.958+/-0.344 χ^2/NDF : 146043.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 965.213+/-0.235 χ^2/NDF : 297675.8/20

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: 68.503+/-41.617 χ^2/NDF : 20.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

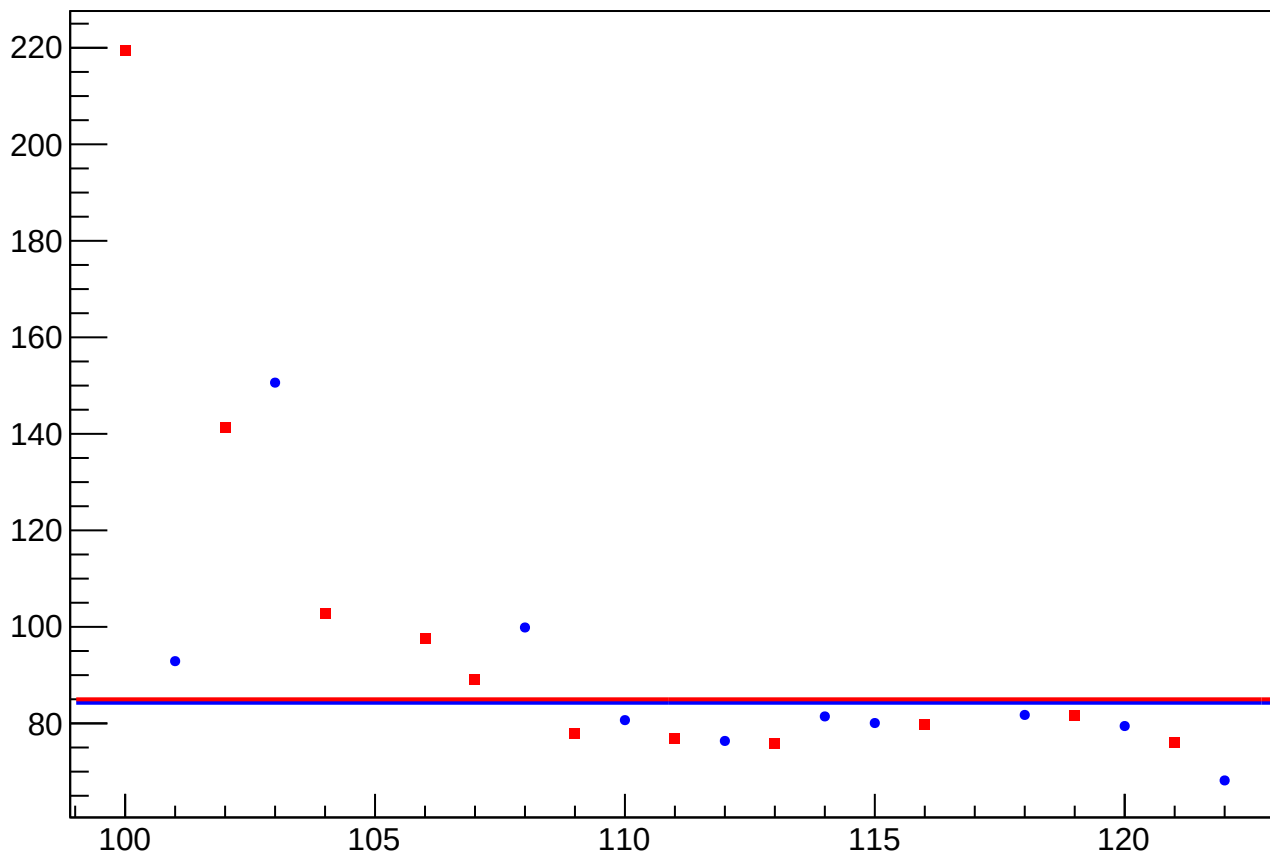
Right: 58.337+/-29.946 χ^2/NDF : 34.8/20

In: 47.421+/-43.124 χ^2/NDF : 14.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.337+/-29.946 χ^2/NDF : 34.8/20

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: 84.987+/-0.029 χ^2/NDF : 336809.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

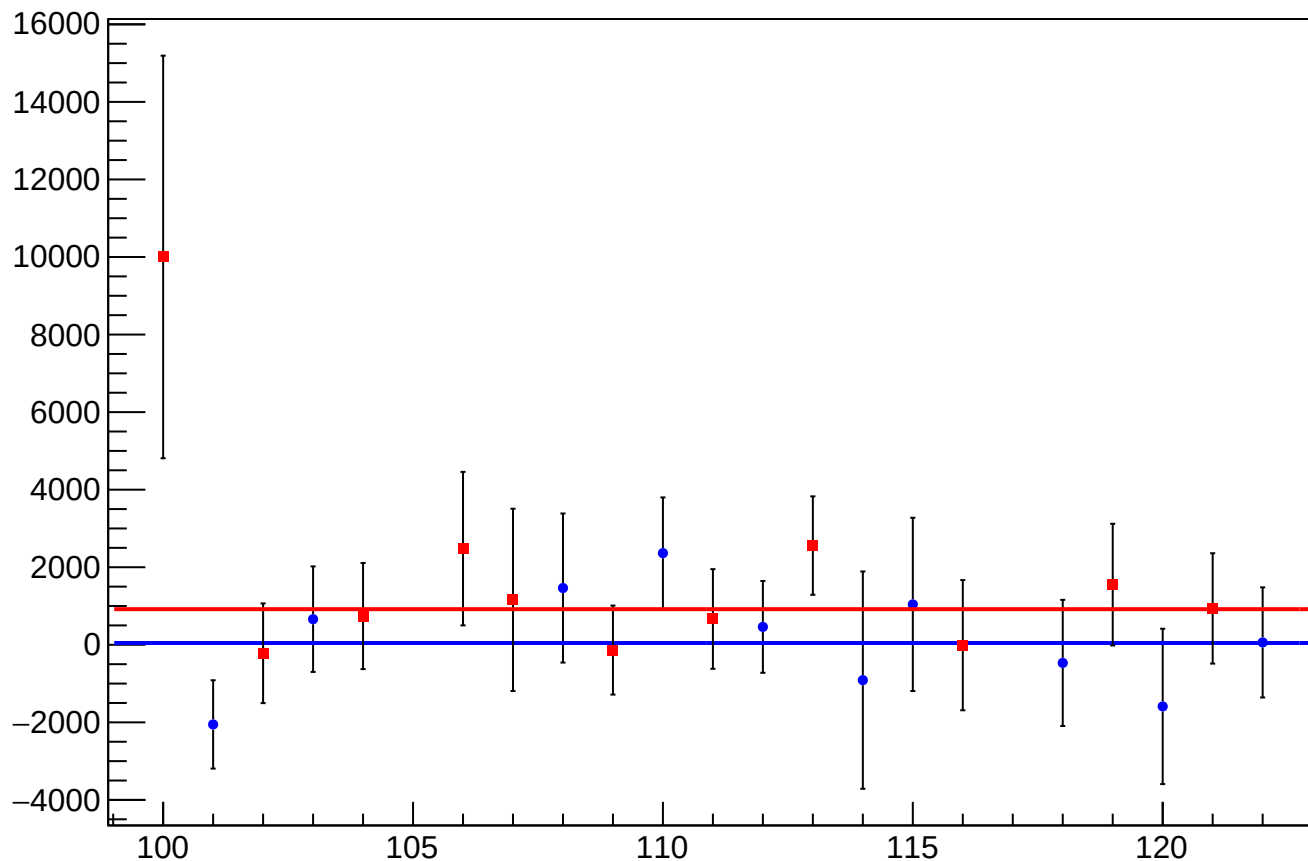
Right: 84.645+/-0.021 χ^2/NDF : 655480.5/20

In: 84.277+/-0.030 χ^2/NDF : 318391.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.645+/-0.021 χ^2/NDF : 655480.5/20

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: 918.149+/-453.967 χ^2/NDF : 7.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

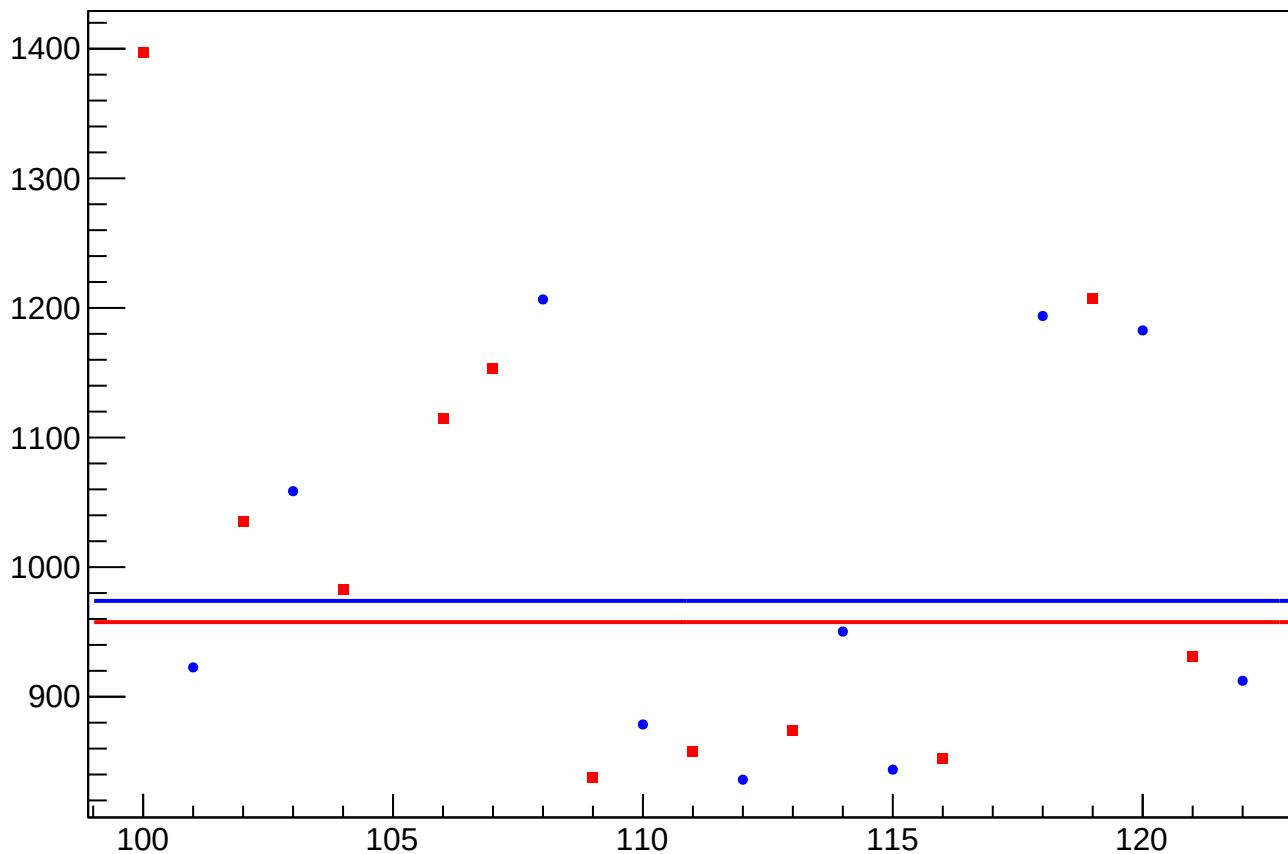
Right: 512.084+/-331.809 χ^2/NDF : 17.2/20

In: 46.336+/-486.186 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.084+/-331.809 χ^2/NDF : 17.2/20

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: 957.586+/-0.321 χ^2/NDF : 150423.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

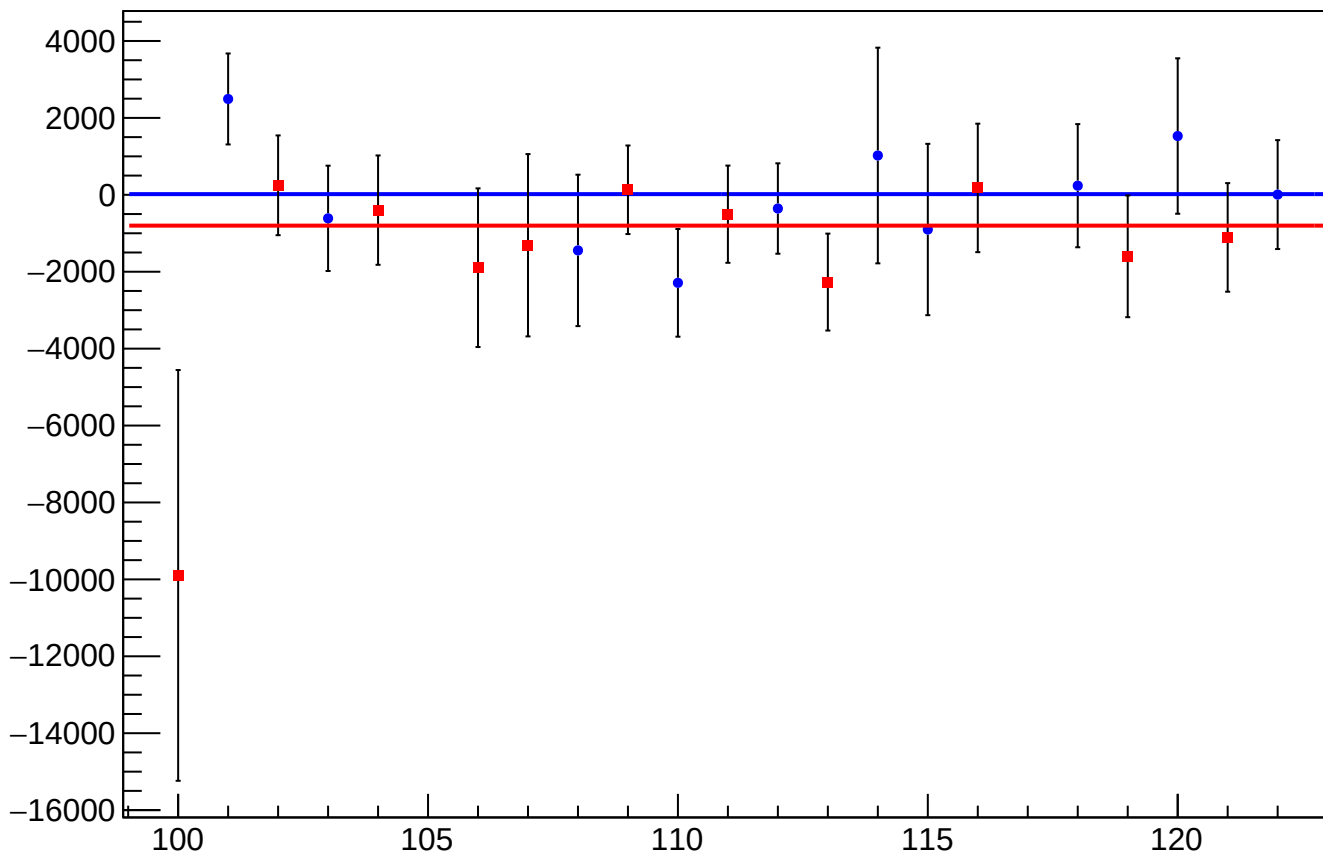
Right: 965.210+/-0.235 χ^2/NDF : 297680.6/20

In: 973.956+/-0.344 χ^2/NDF : 146045.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 965.210+/-0.235 χ^2/NDF : 297680.6/20

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: -801.285+/-456.164 χ^2/NDF : 6.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

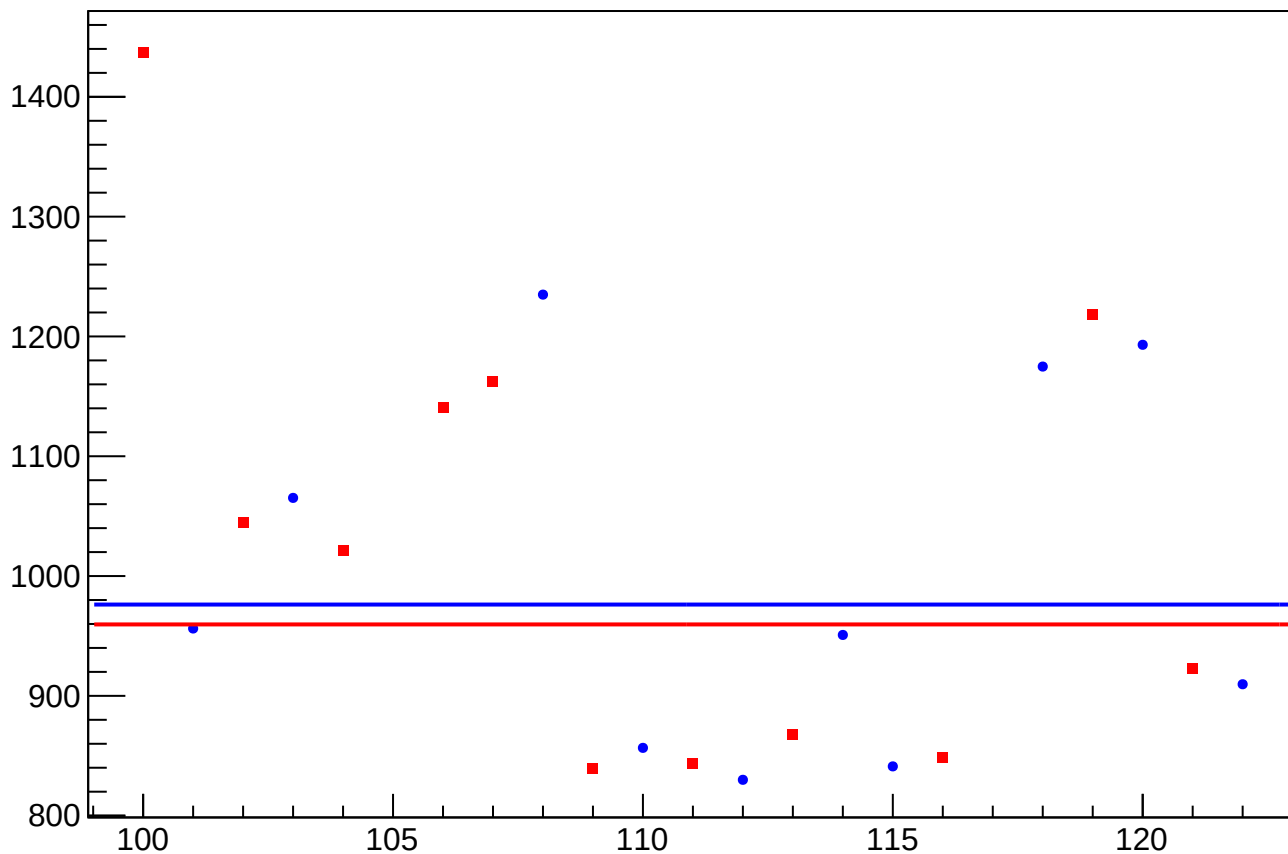
Right: -419.142+/-333.194 χ^2/NDF : 17.0/20

In: 17.928+/-487.846 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -419.142+/-333.194 χ^2/NDF : 17.0/20

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: 959.621+/-0.323 χ^2/NDF : 171220.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

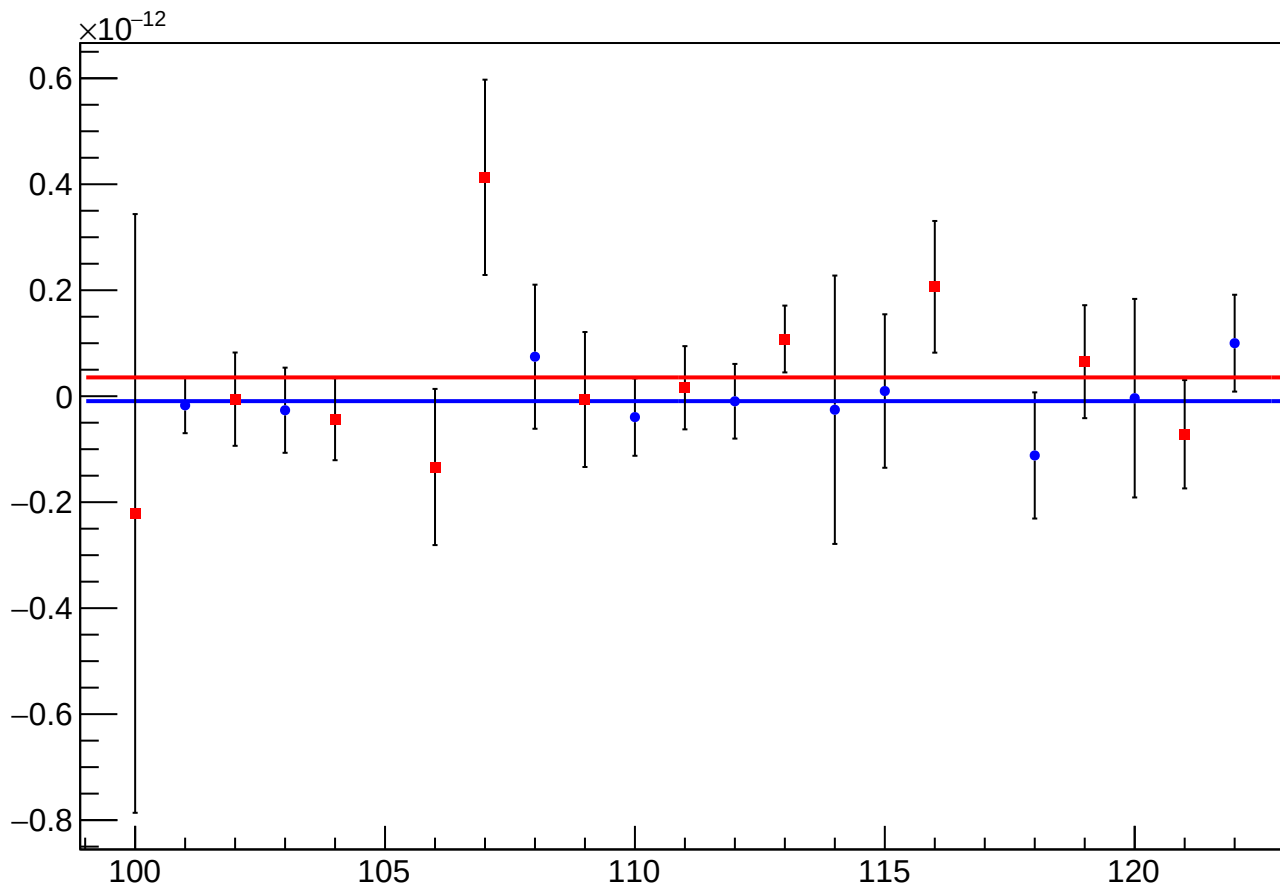
Right: 967.360+/-0.236 χ^2/NDF : 327303.1/20

In: 976.210+/-0.345 χ^2/NDF : 154849.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.360+/-0.236 χ^2/NDF : 327303.1/20

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 : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

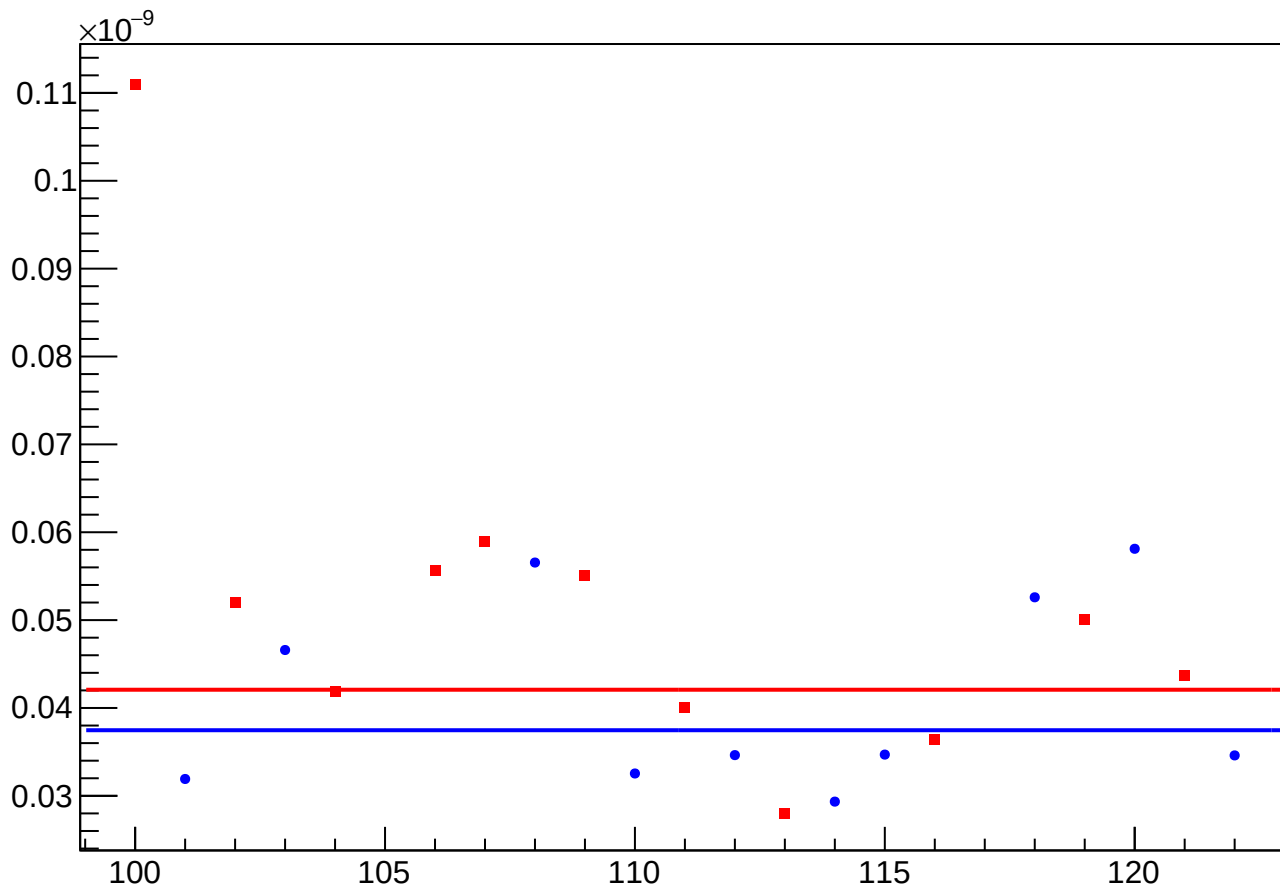
Right: 0.000+/-0.000 χ^2/NDF : 15.5/20

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 : 15.5/20

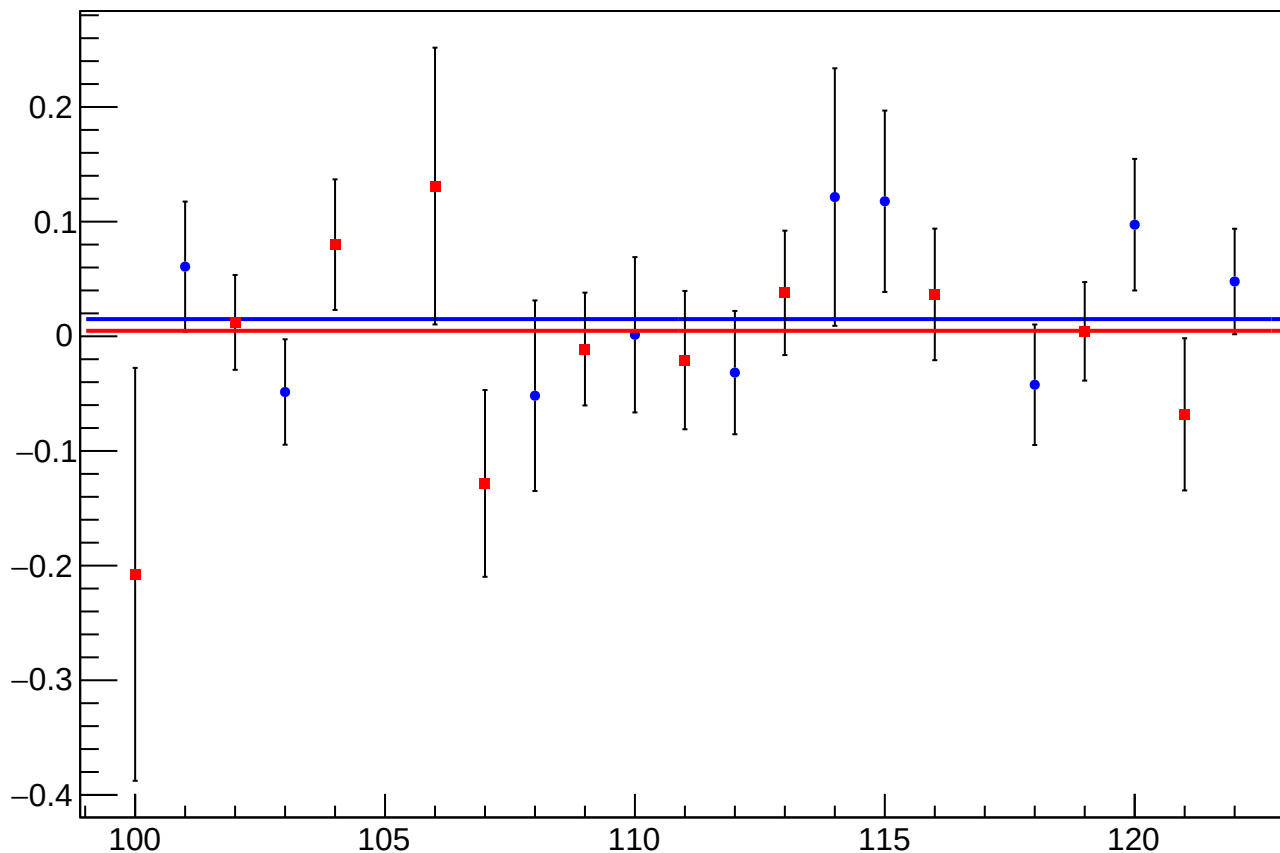
asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 226545.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 412455.2/20
 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 : 412455.2/20

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: 0.005+/-0.018 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

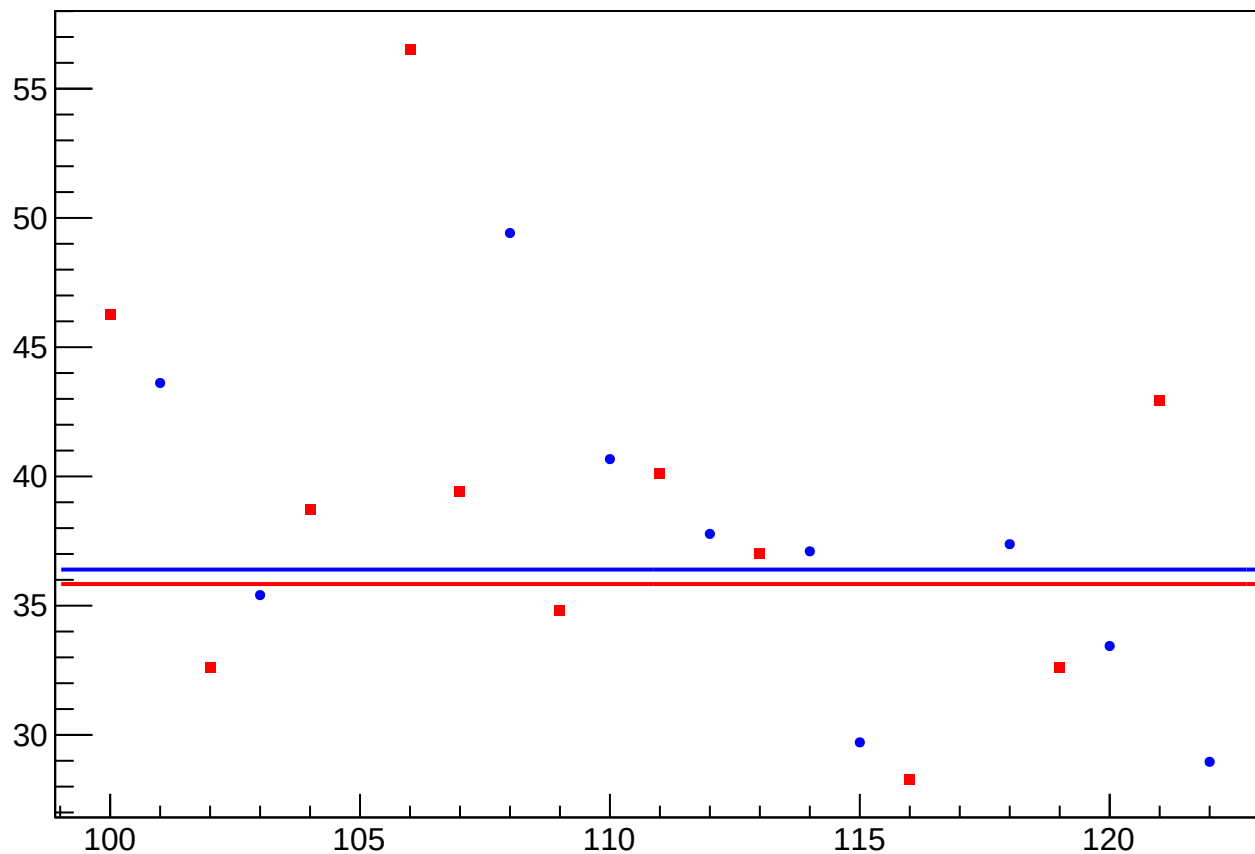
Right: 0.010+/-0.013 χ^2/NDF : 19.6/20

In: 0.015+/-0.019 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.013 χ^2/NDF : 19.6/20

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: 35.836+/-0.012 χ^2/NDF : 167473.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

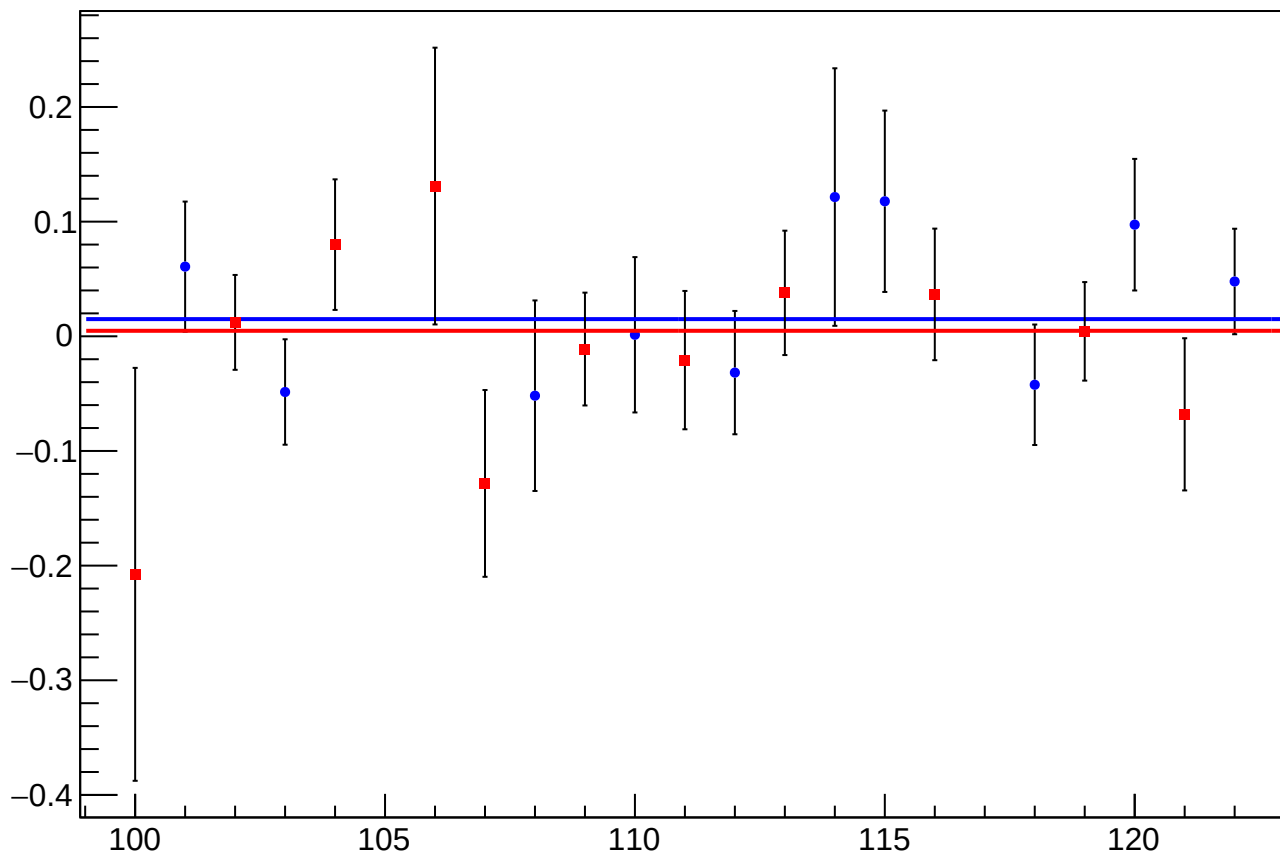
Right: 36.099+/-0.009 χ^2/NDF : 332739.0/20

In: 36.397+/-0.013 χ^2/NDF : 164307.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.099+/-0.009 χ^2/NDF : 332739.0/20

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: 0.005+/-0.018 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

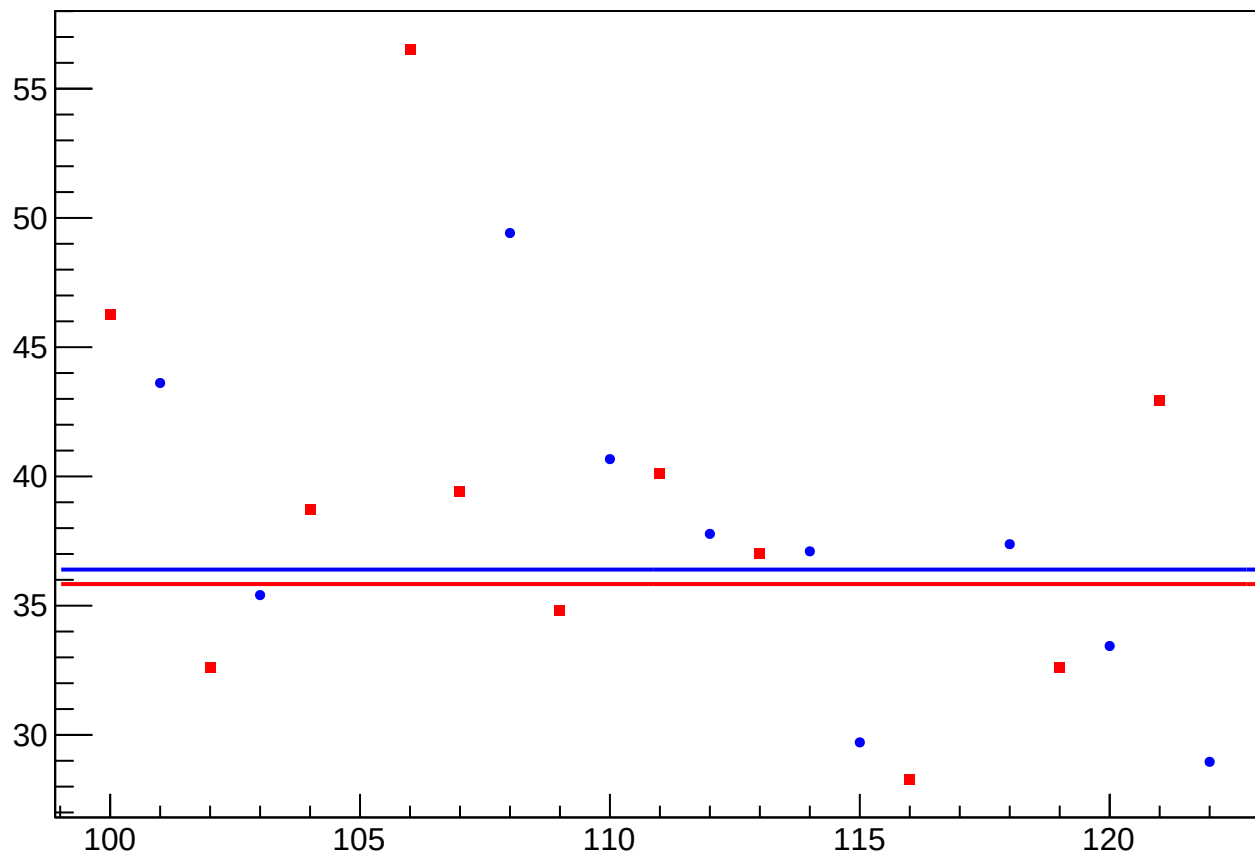
Right: 0.010+/-0.013 χ^2/NDF : 19.6/20

In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 19.6/20

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: 35.836+/-0.012 χ^2/NDF : 167473.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

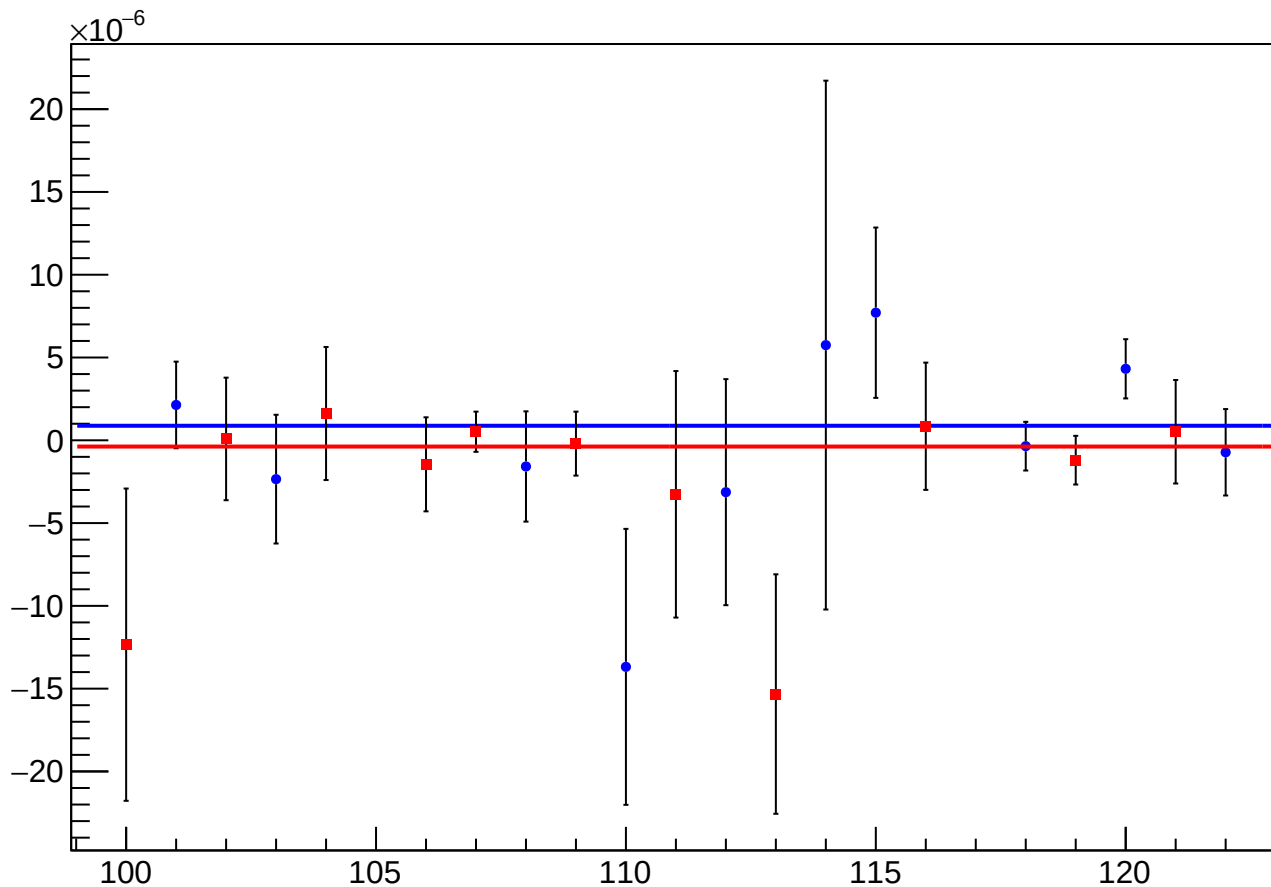
Right: 36.099+/-0.009 χ^2/NDF : 332739.0/20

In: 36.397+/-0.013 χ^2/NDF : 164307.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.099+/-0.009 χ^2/NDF : 332739.0/20

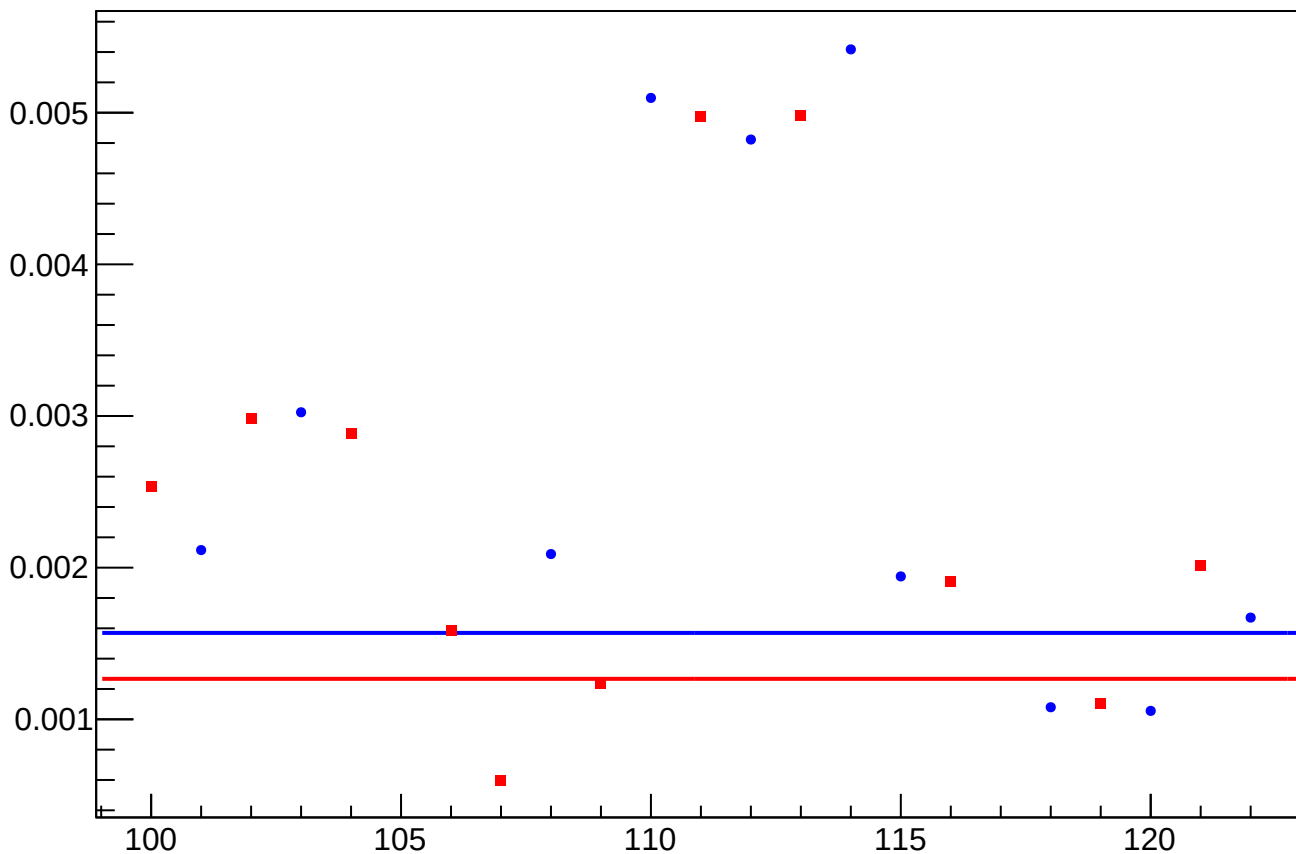
asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 7.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 20.2/20
 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 : 20.2/20

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 : 2645393.2/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

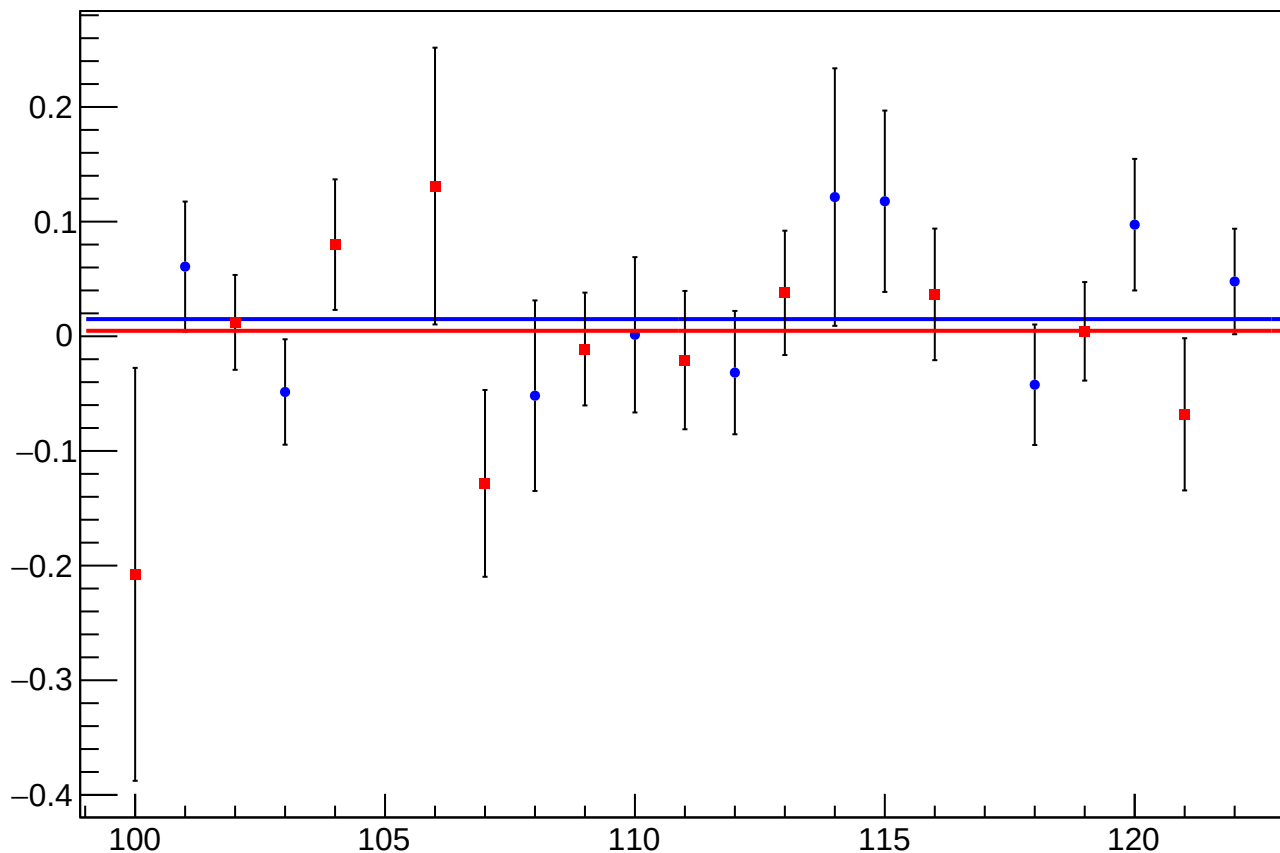
Right: 0.001+/-0.000 χ^2/NDF : 4532608.6/20

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 : 4532608.6/20

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: 0.005+/-0.018 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

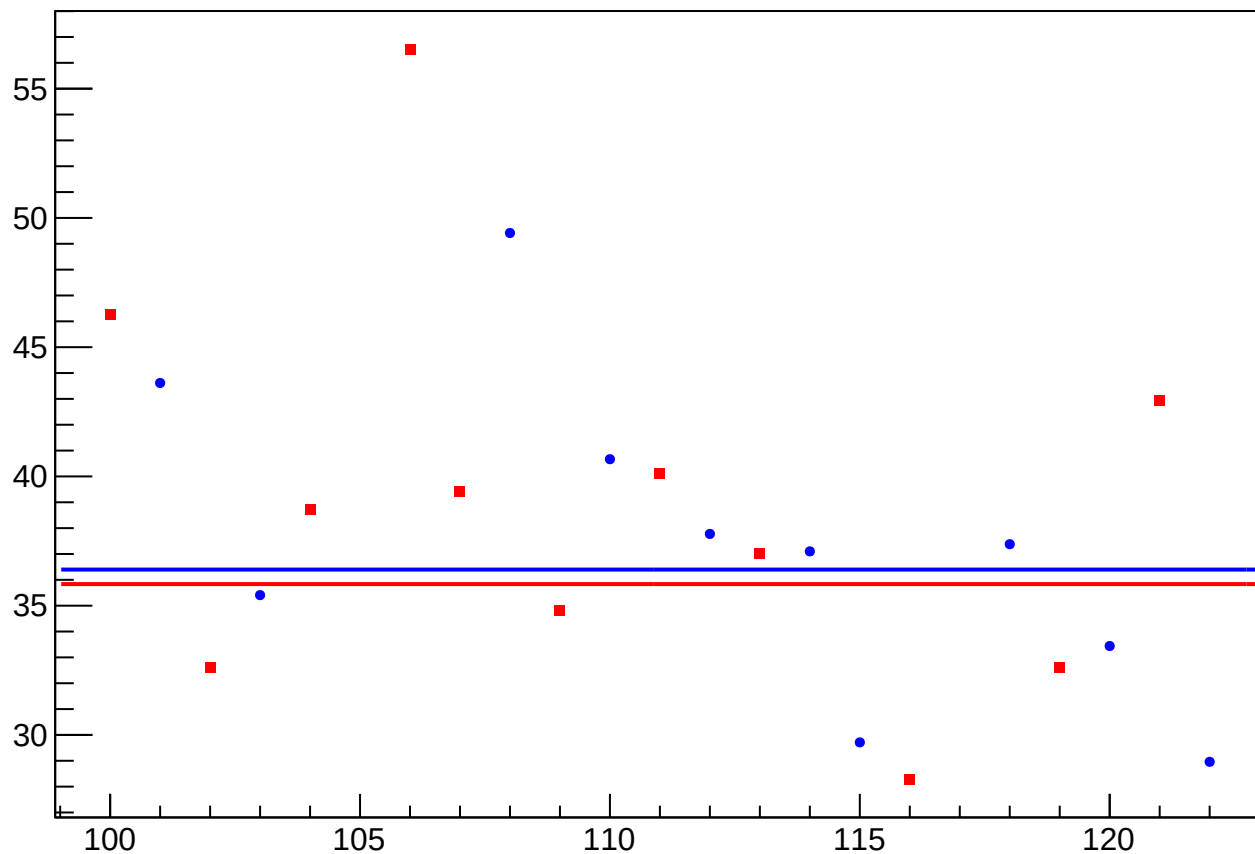
Right: 0.010+/-0.013 χ^2/NDF : 19.6/20

In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 19.6/20

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: 35.836+/-0.012 χ^2/NDF : 167464.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

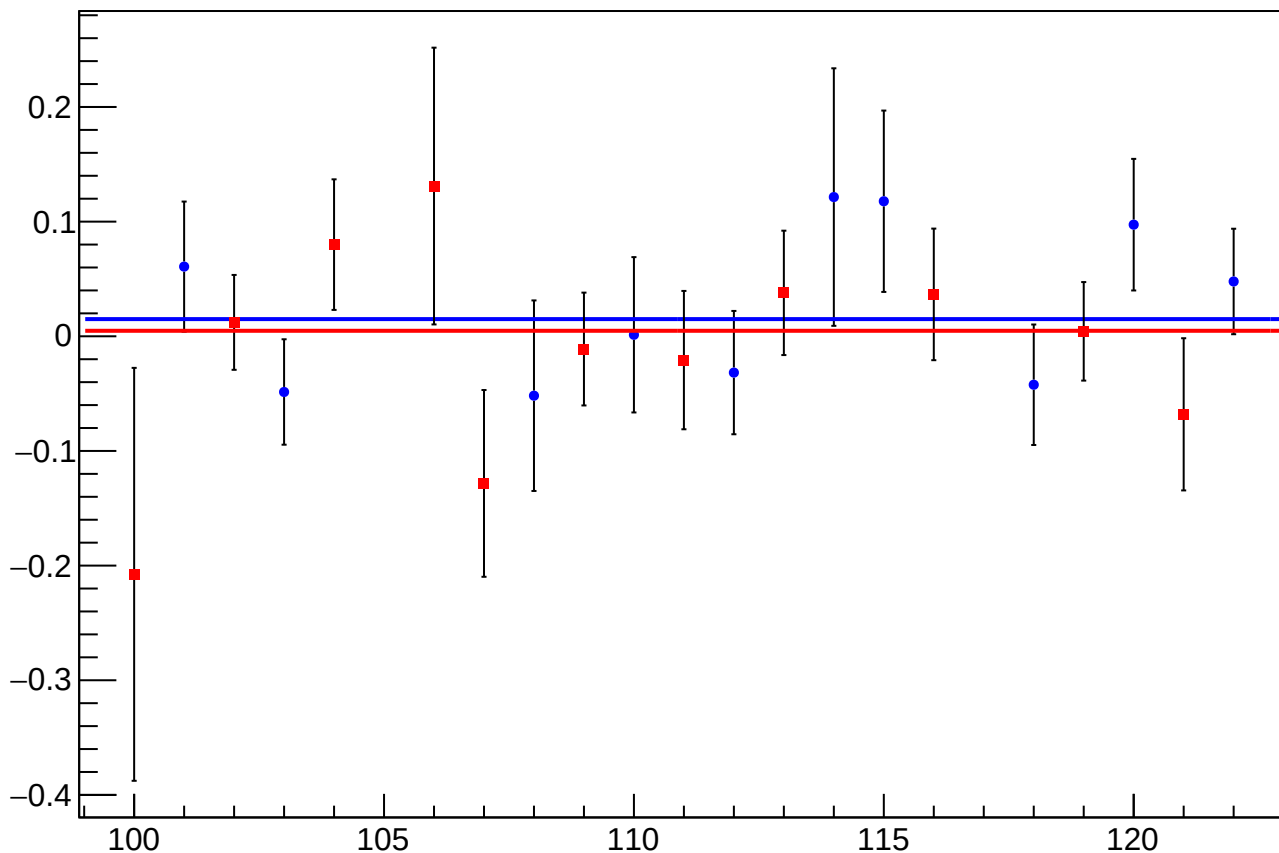
Right: 36.099+/-0.009 χ^2/NDF : 332726.8/20

In: 36.397+/-0.013 χ^2/NDF :164303.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.099+/-0.009 χ^2/NDF : 332726.8/20

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: 0.005+/-0.018 χ^2/NDF : 9.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

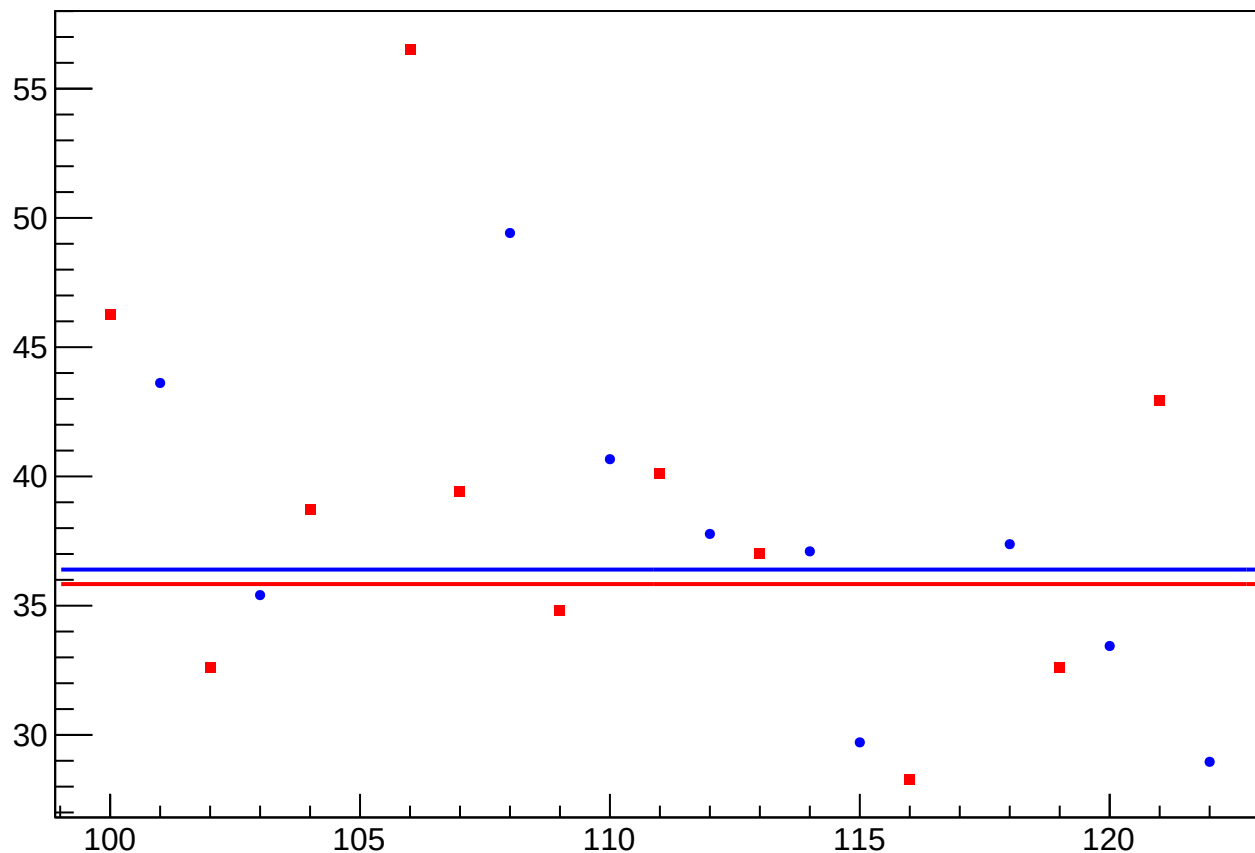
Right: 0.010+/-0.013 χ^2/NDF : 19.6/20

In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 19.6/20

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: 35.836+/-0.012 χ^2/NDF : 167464.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

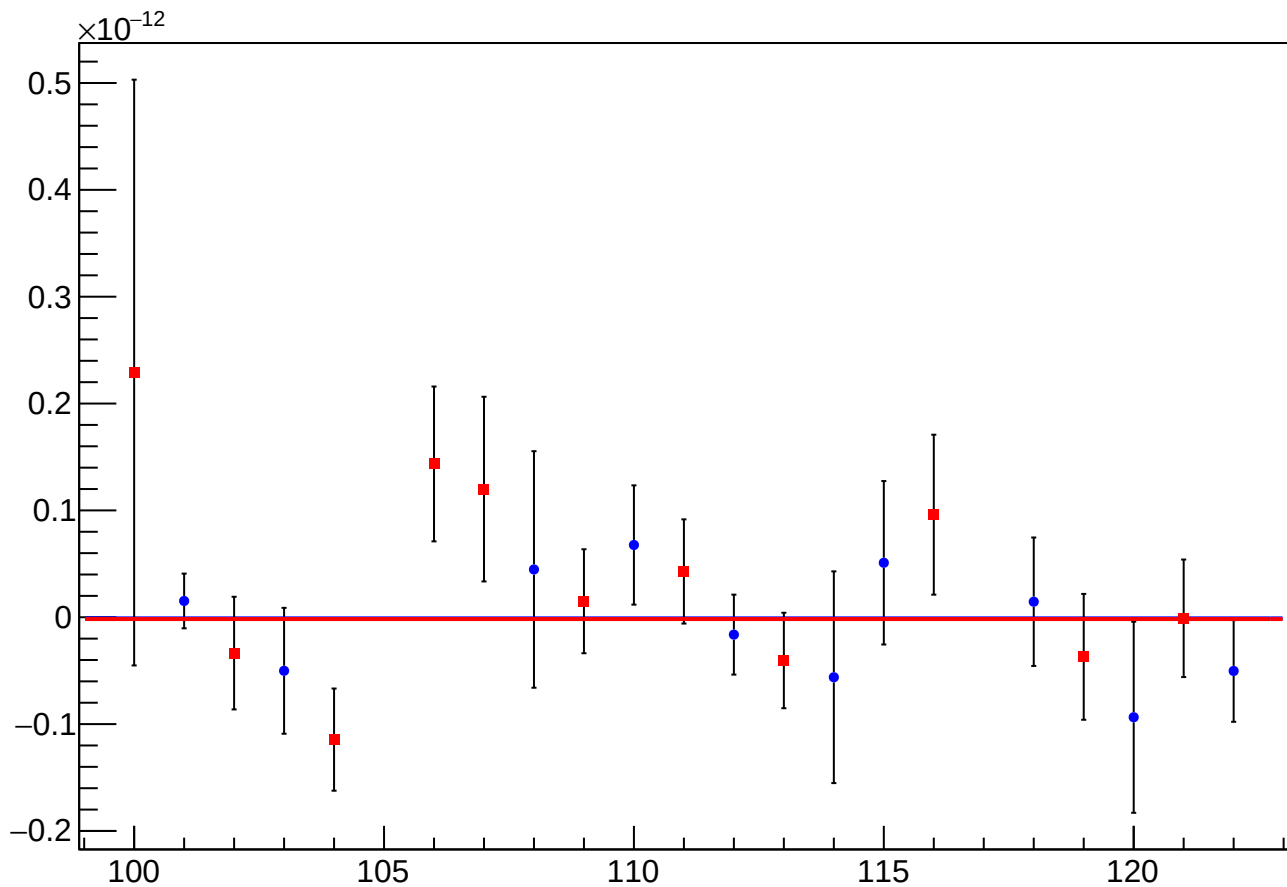
Right: 36.099+/-0.009 χ^2/NDF : 332726.8/20

In: 36.397+/-0.013 χ^2/NDF :164303.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 36.099+/-0.009 χ^2/NDF : 332726.8/20

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 : 16.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

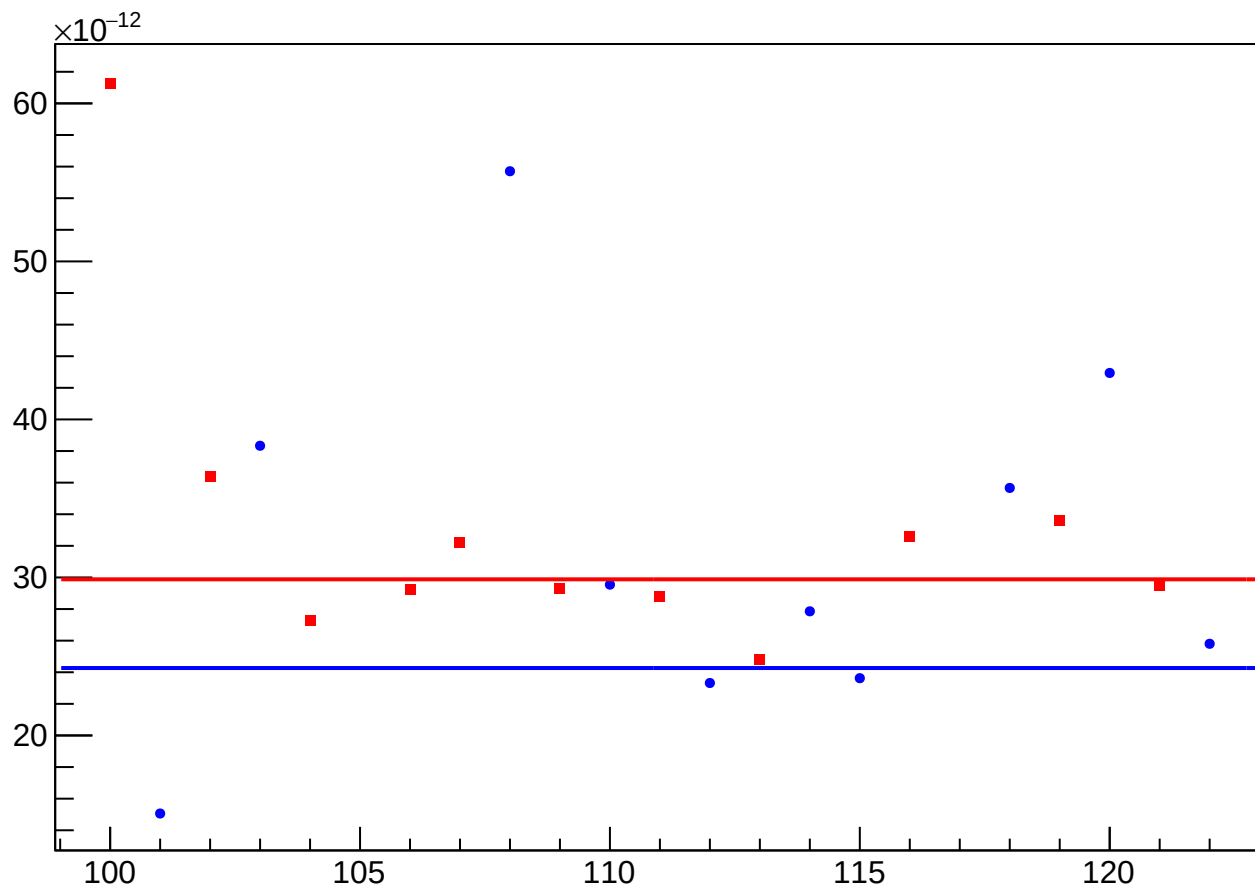
Right: -0.000+/-0.000 χ^2/NDF : 22.3/20

In: -0.000+/-0.000 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.3/20

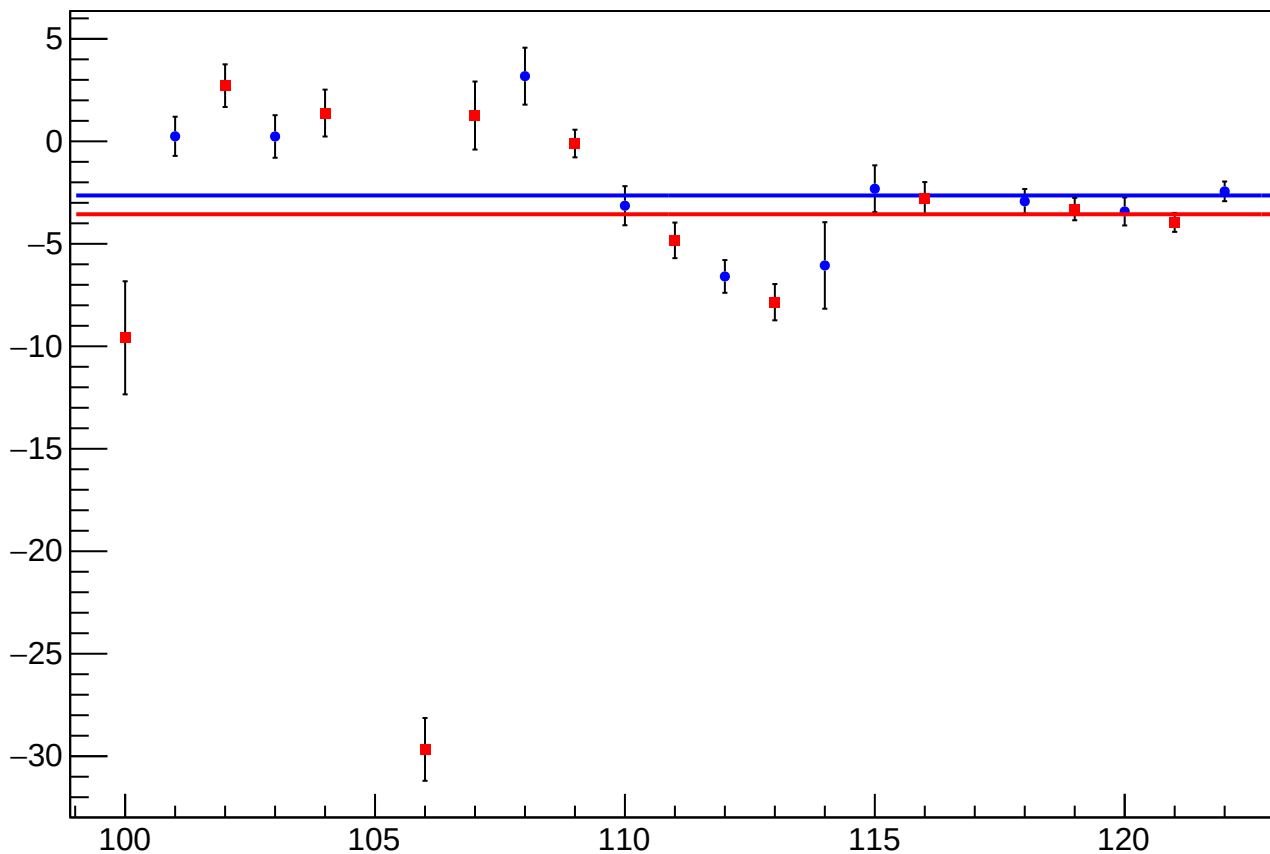
asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 101525.4/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 932985.0/20
 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 : 932985.0/20

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: -3.558 ± 0.243 χ^2/NDF : 412.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

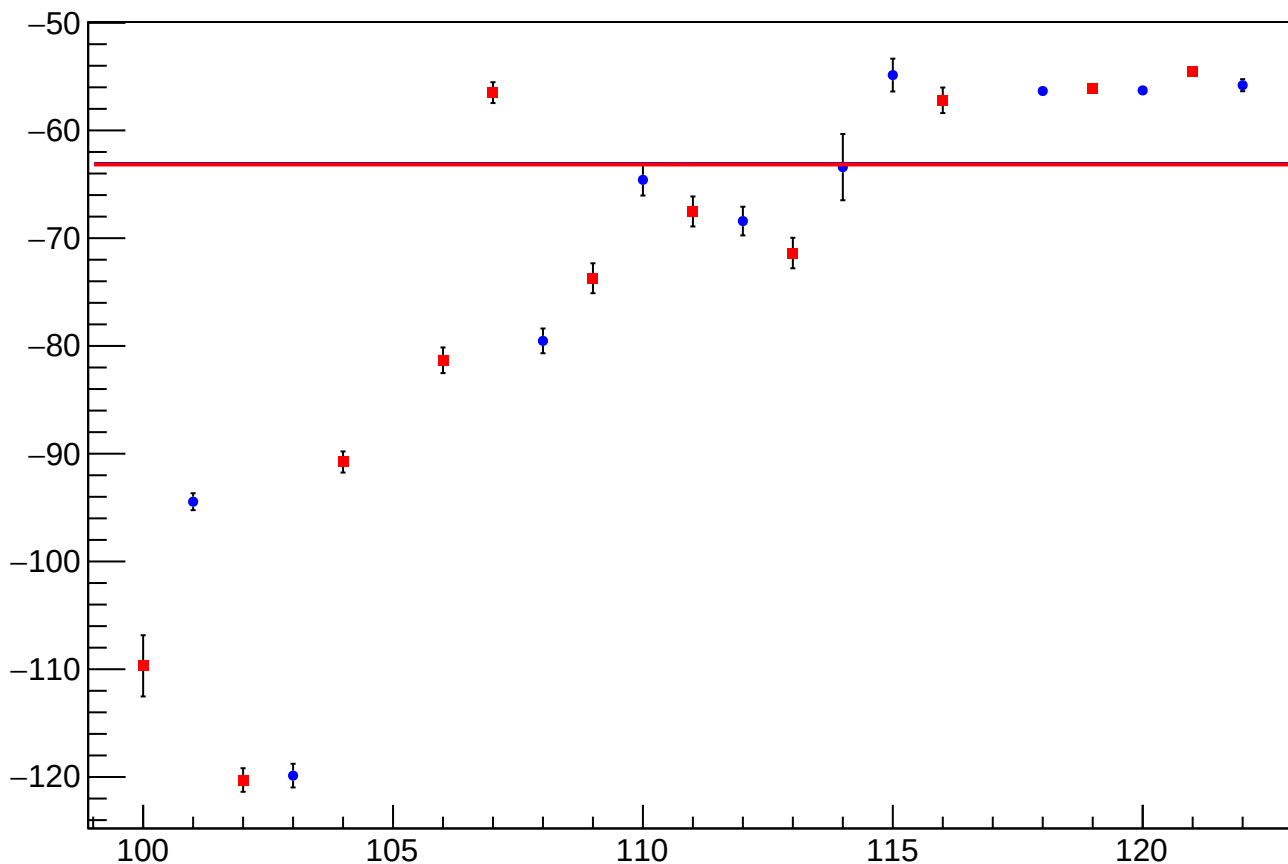
Right: -3.121 ± 0.176 χ^2/NDF : 482.4/20

In: -2.641 ± 0.254 χ^2/NDF : 63.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.121 ± 0.176 χ^2/NDF : 482.4/20

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -63.117 ± 0.219 $\chi^2/\text{NDF}: 5279.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -63.161 ± 0.232 $\chi^2/\text{NDF}: 4933.5/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

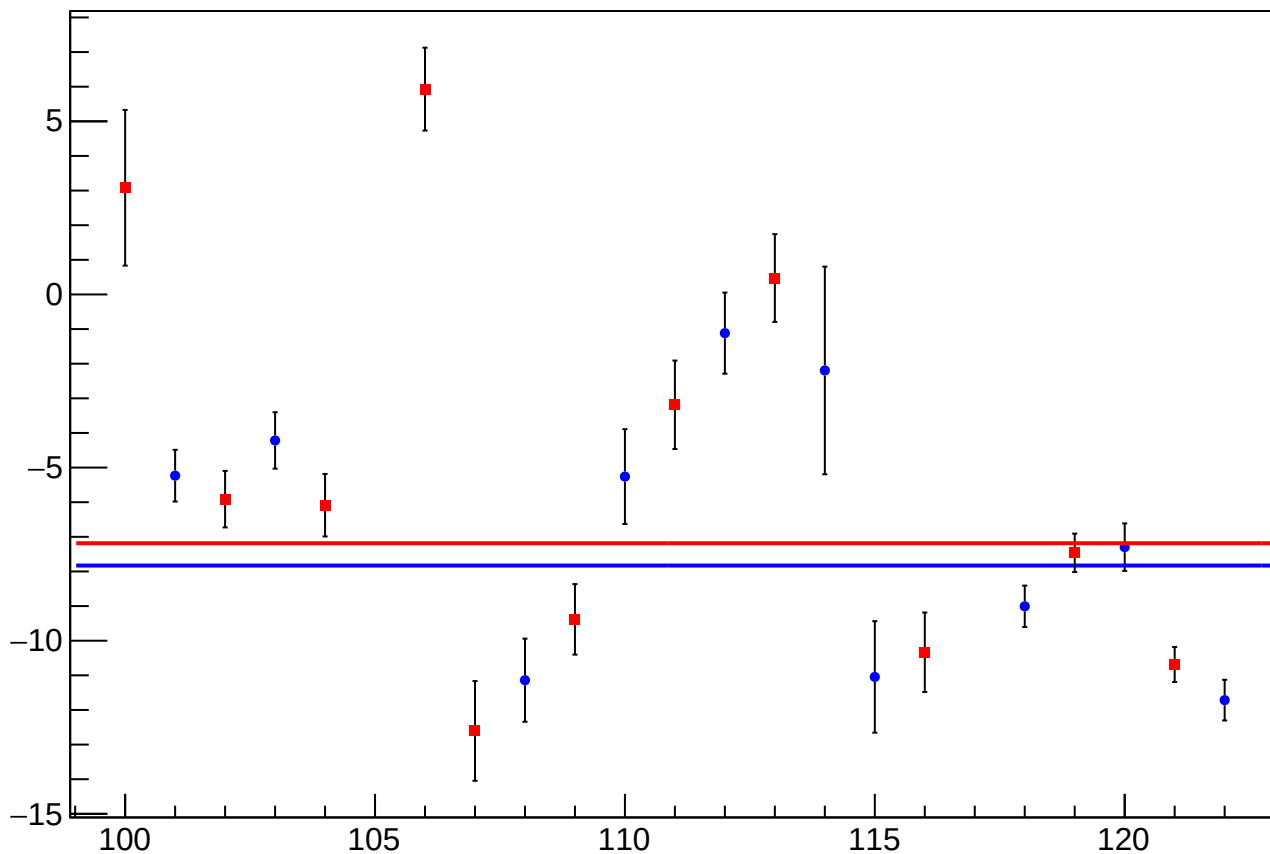
Right: -63.138 ± 0.159 $\chi^2/\text{NDF}: 10212.5/20$

In: -63.117 ± 0.219 $\chi^2/\text{NDF}: 5279.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -63.138 ± 0.159 $\chi^2/\text{NDF}: 10212.5/20$

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: -7.185+/-0.265 χ^2/NDF : 265.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

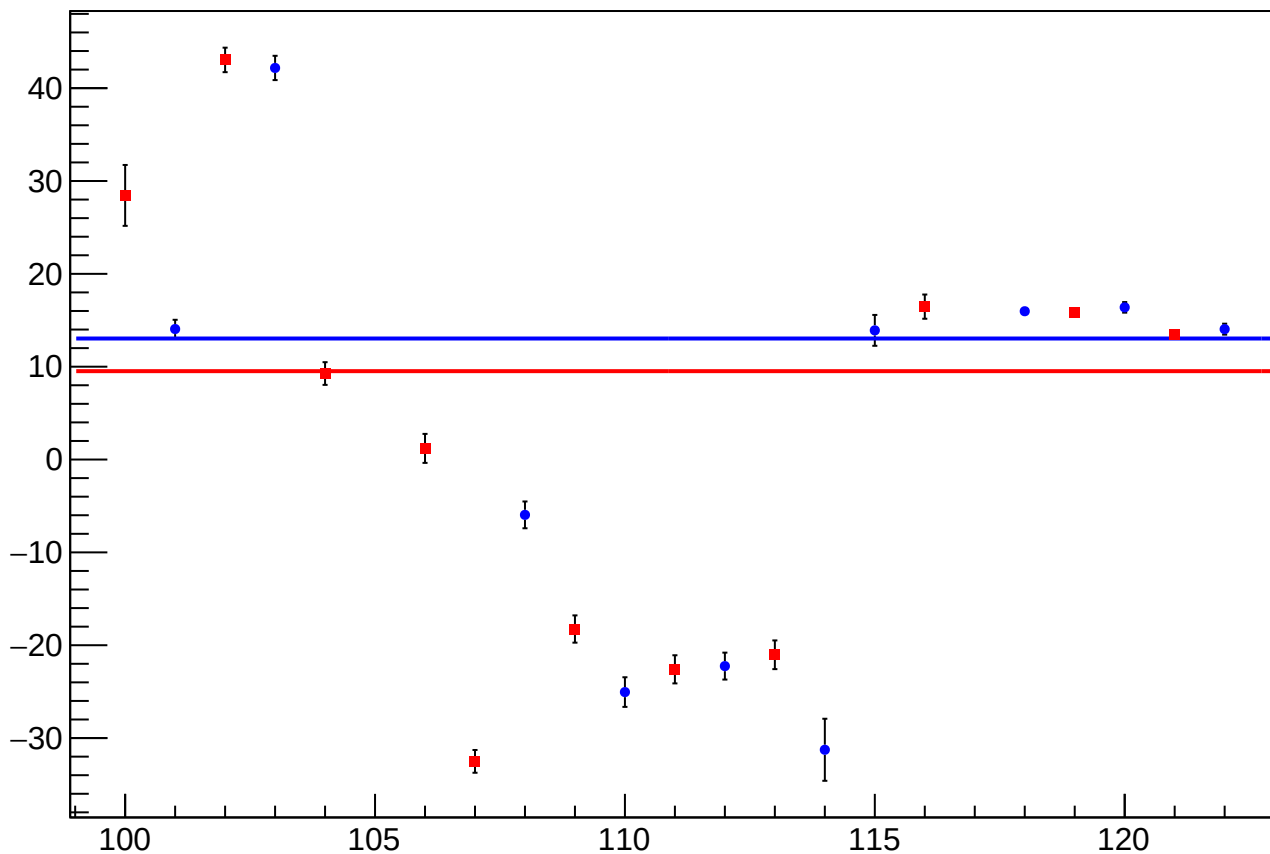
Right: -7.500+/-0.190 χ^2/NDF : 399.9/20

In: -7.829+/-0.271 χ^2/NDF : 131.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.500+/-0.190 χ^2/NDF : 399.9/20

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.035 $\pm$ 0.269 χ^2 /NDF: 2084.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.519 $\pm$ 0.277 χ^2 /NDF: 3363.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

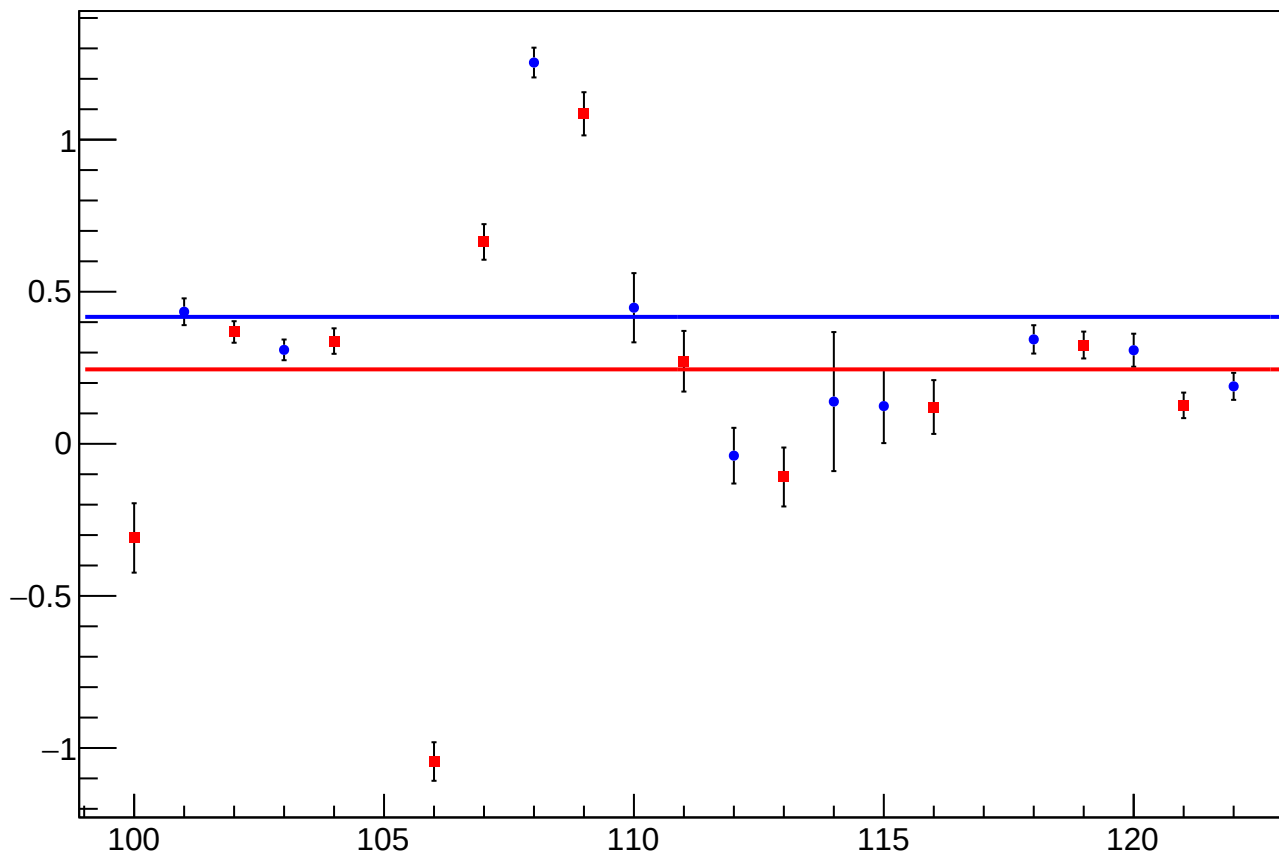
Right: 11.328 $\pm$ 0.193 χ^2 /NDF: 5531.0/20

In: 13.035 $\pm$ 0.269 χ^2 /NDF:2084.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.328 $\pm$ 0.193 χ^2 /NDF: 5531.0/20

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.417+/-0.017 χ^2/NDF : 367.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.245+/-0.017 χ^2/NDF : 672.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

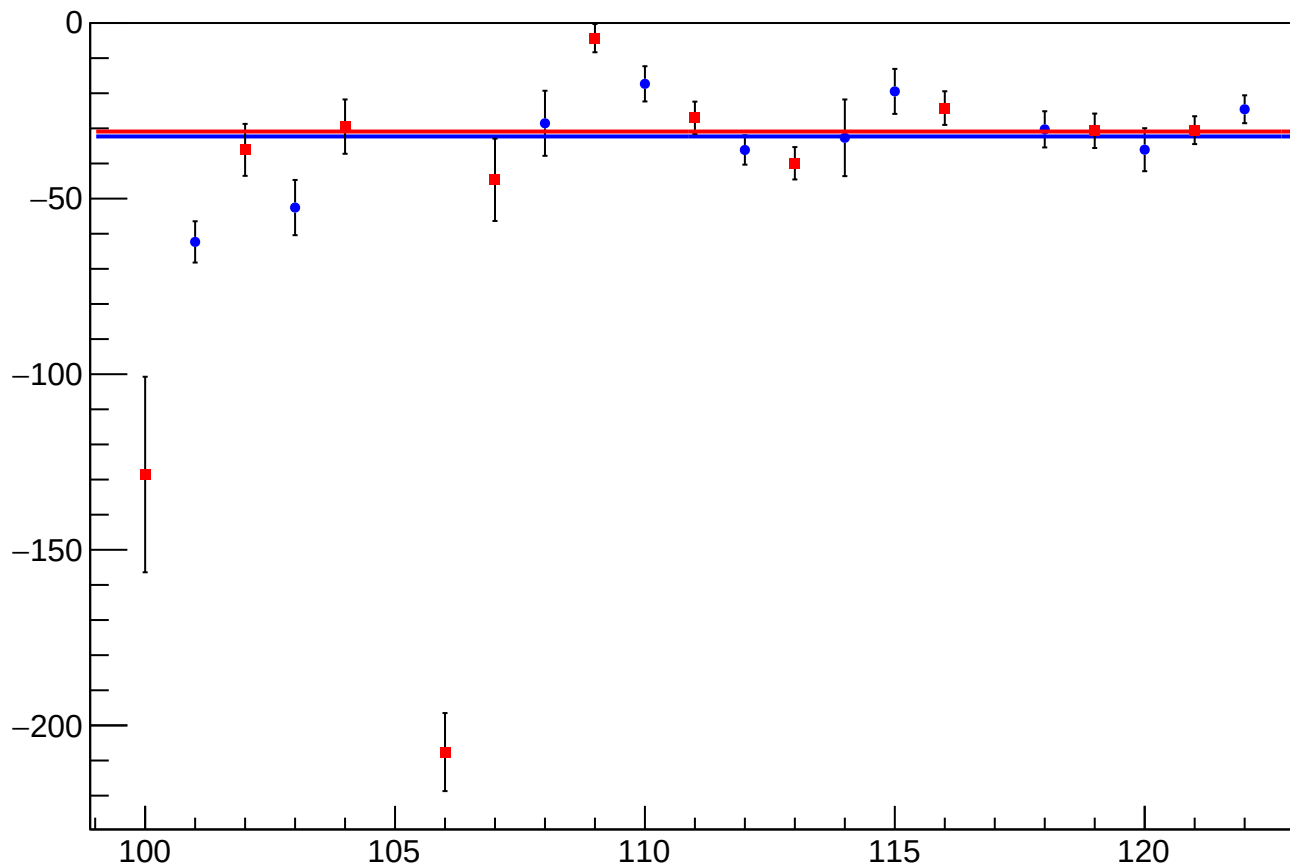
Right: 0.328+/-0.012 χ^2/NDF : 1091.7/20

In: 0.417+/-0.017 χ^2/NDF : 367.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.328+/-0.012 χ^2/NDF : 1091.7/20

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: -30.896+/-1.674 χ^2/NDF : 317.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

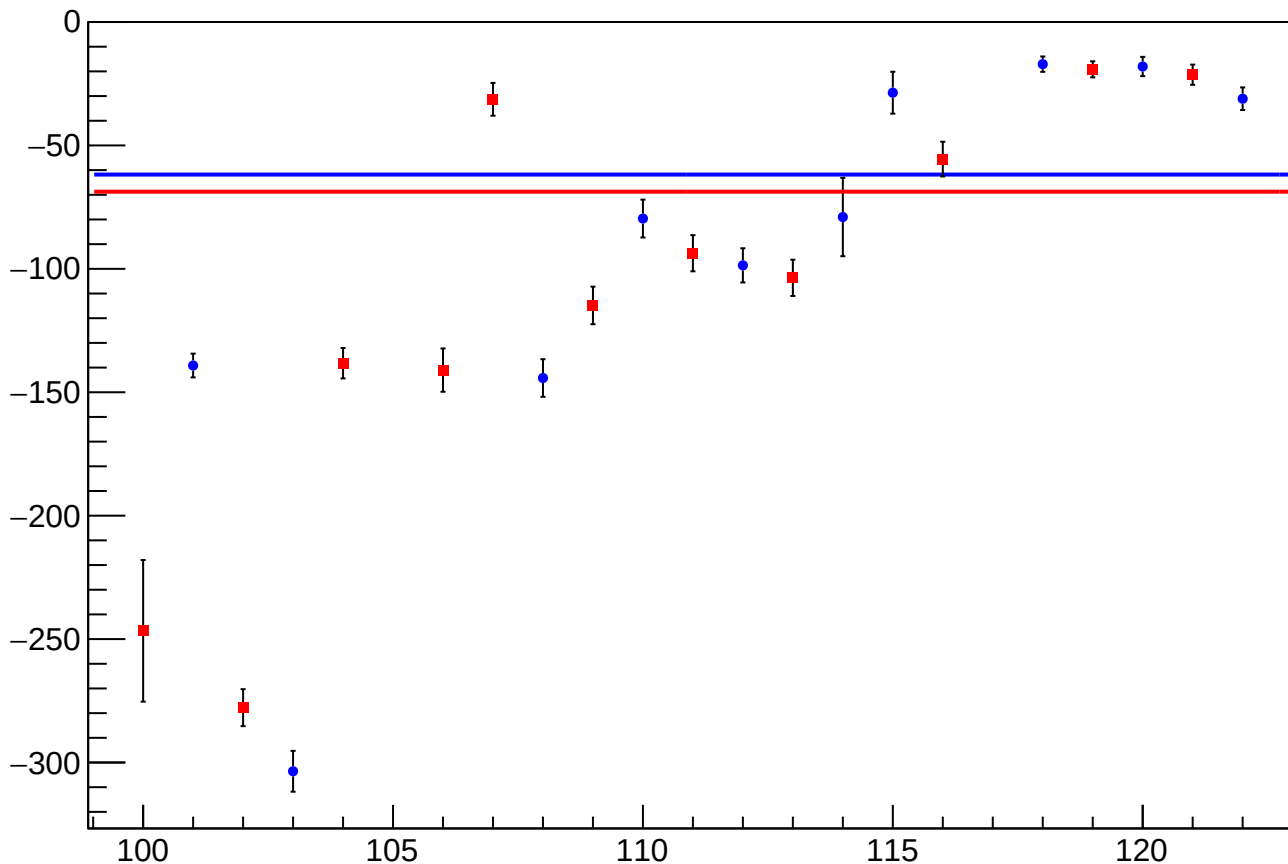
Right: -31.555+/-1.221 χ^2/NDF : 368.7/20

In: -32.303+/-1.784 χ^2/NDF : 51.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.555+/-1.221 χ^2/NDF : 368.7/20

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: -68.735+/-1.797 χ^2/NDF : 1485.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

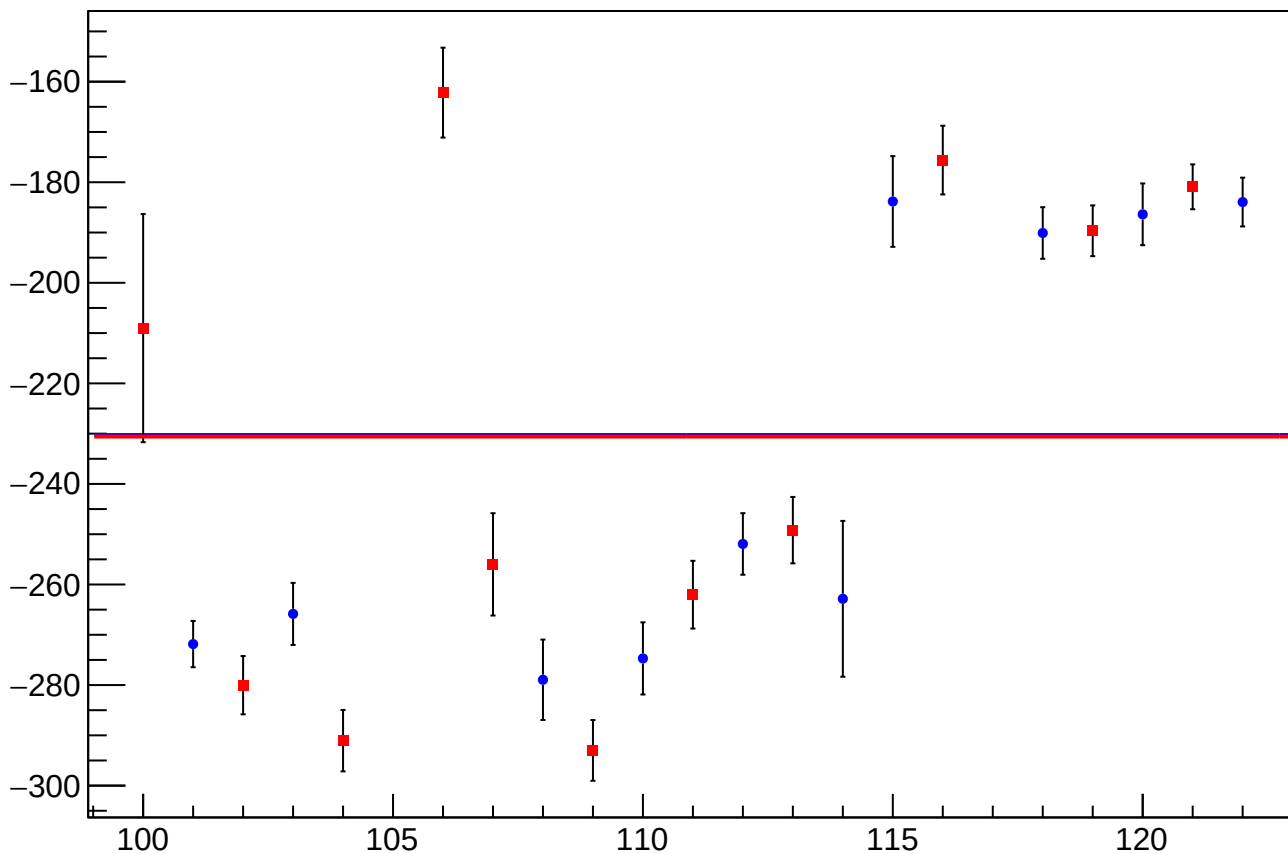
Right: -65.068+/-1.233 χ^2/NDF : 3150.3/20

In: -61.800+/-1.696 χ^2/NDF :1656.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -65.068+/-1.233 χ^2/NDF : 3150.3/20

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: -230.577+/-1.946 χ^2/NDF : 627.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

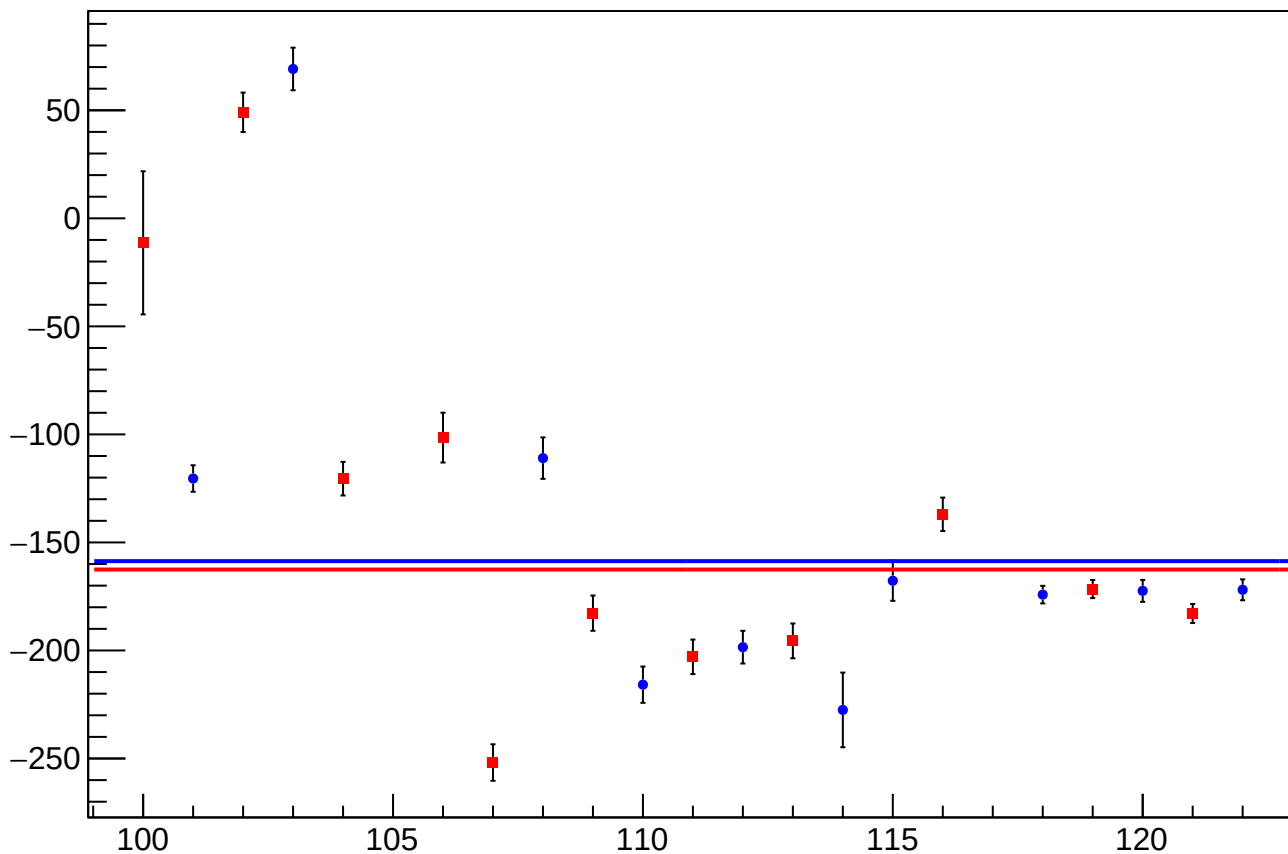
Right: -230.430+/-1.383 χ^2/NDF : 1065.0/20

In: -230.281+/-1.966 χ^2/NDF : 437.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -230.430+/-1.383 χ^2/NDF : 1065.0/20

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: -162.544+/-2.120 χ^2/NDF : 813.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

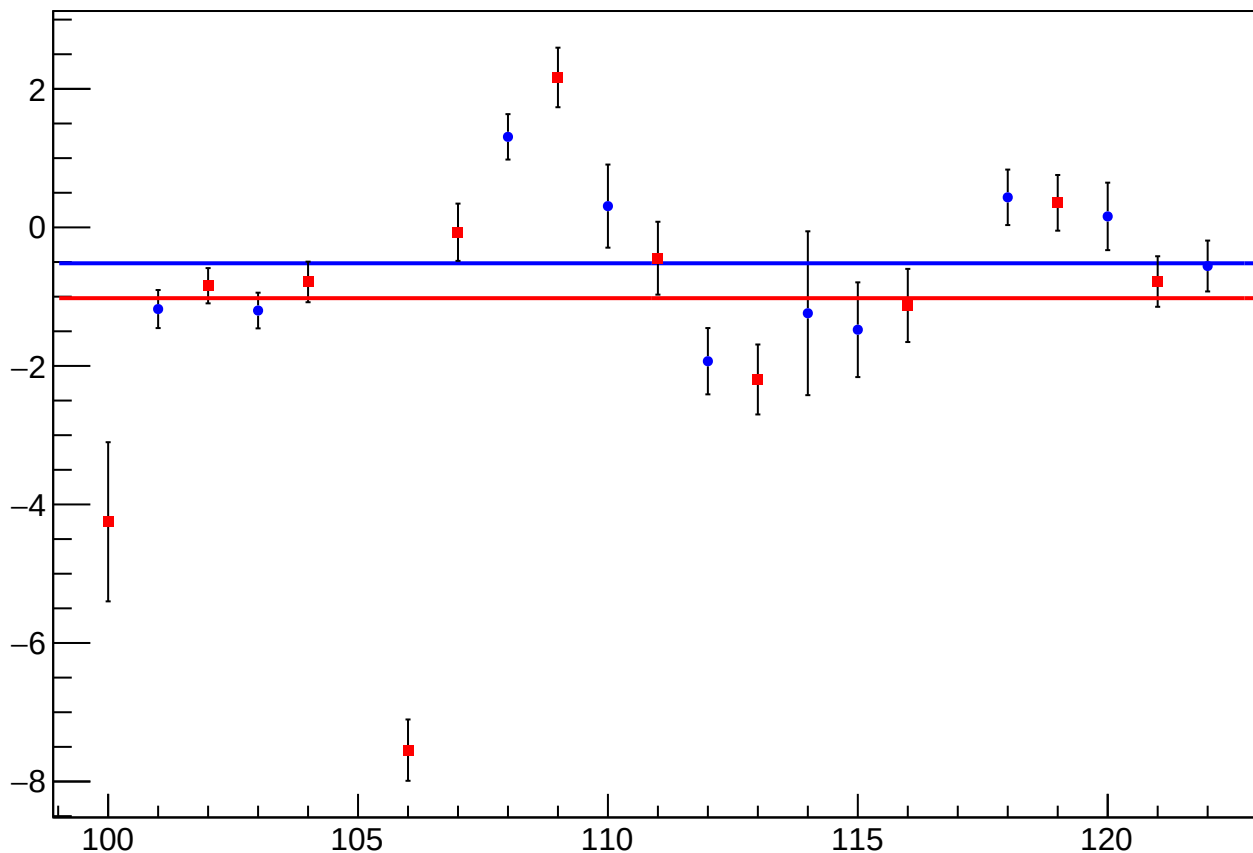
Right: -160.543+/-1.477 χ^2/NDF : 1533.1/20

In: -158.658+/-2.058 χ^2/NDF : 717.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.543+/-1.477 χ^2/NDF : 1533.1/20

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: -1.022 ± 0.120 χ^2/NDF : 305.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

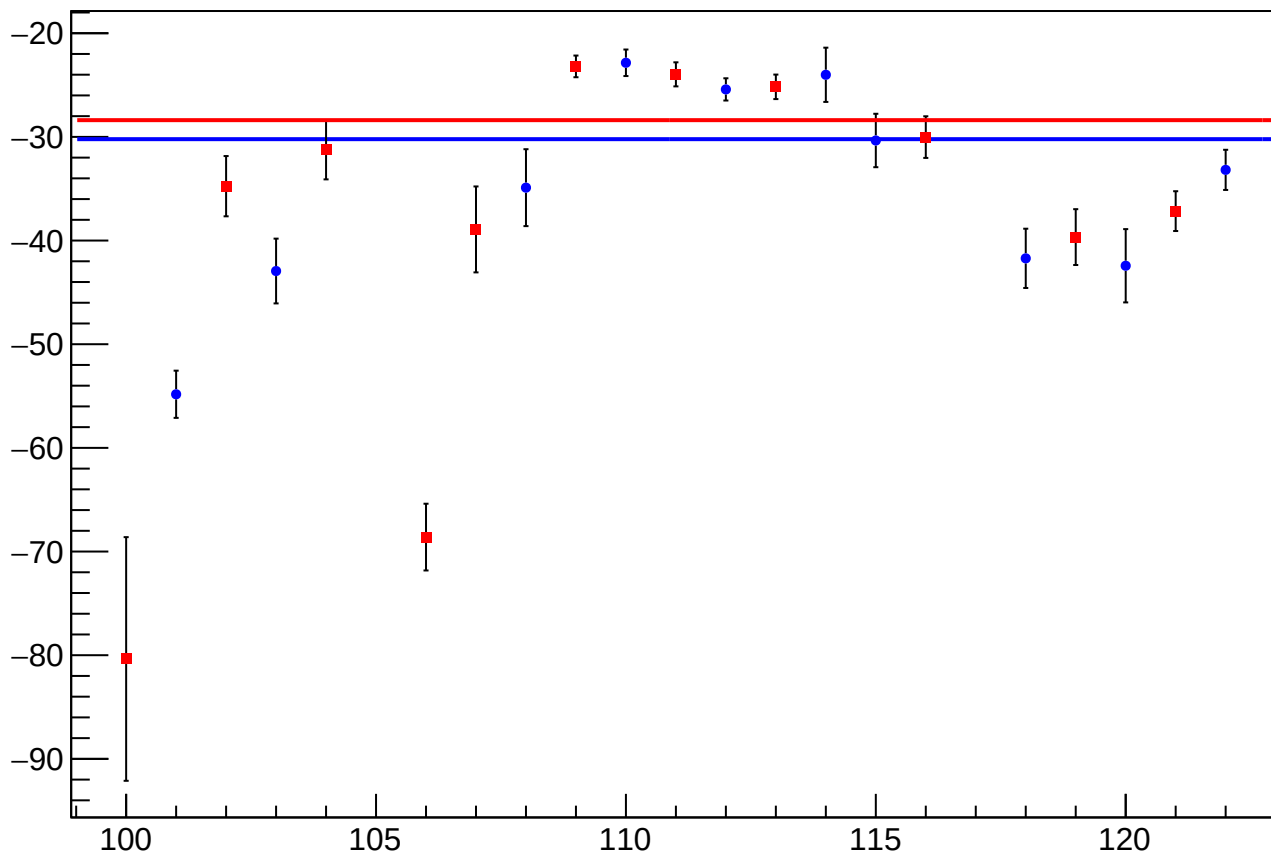
Right: -0.777 ± 0.086 χ^2/NDF : 378.2/20

In: -0.518 ± 0.124 χ^2/NDF : 64.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.777 ± 0.086 χ^2/NDF : 378.2/20

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.219 $\pm$ 0.619 χ^2 /NDF: 224.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -28.386 $\pm$ 0.540 χ^2 /NDF: 273.6/10

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

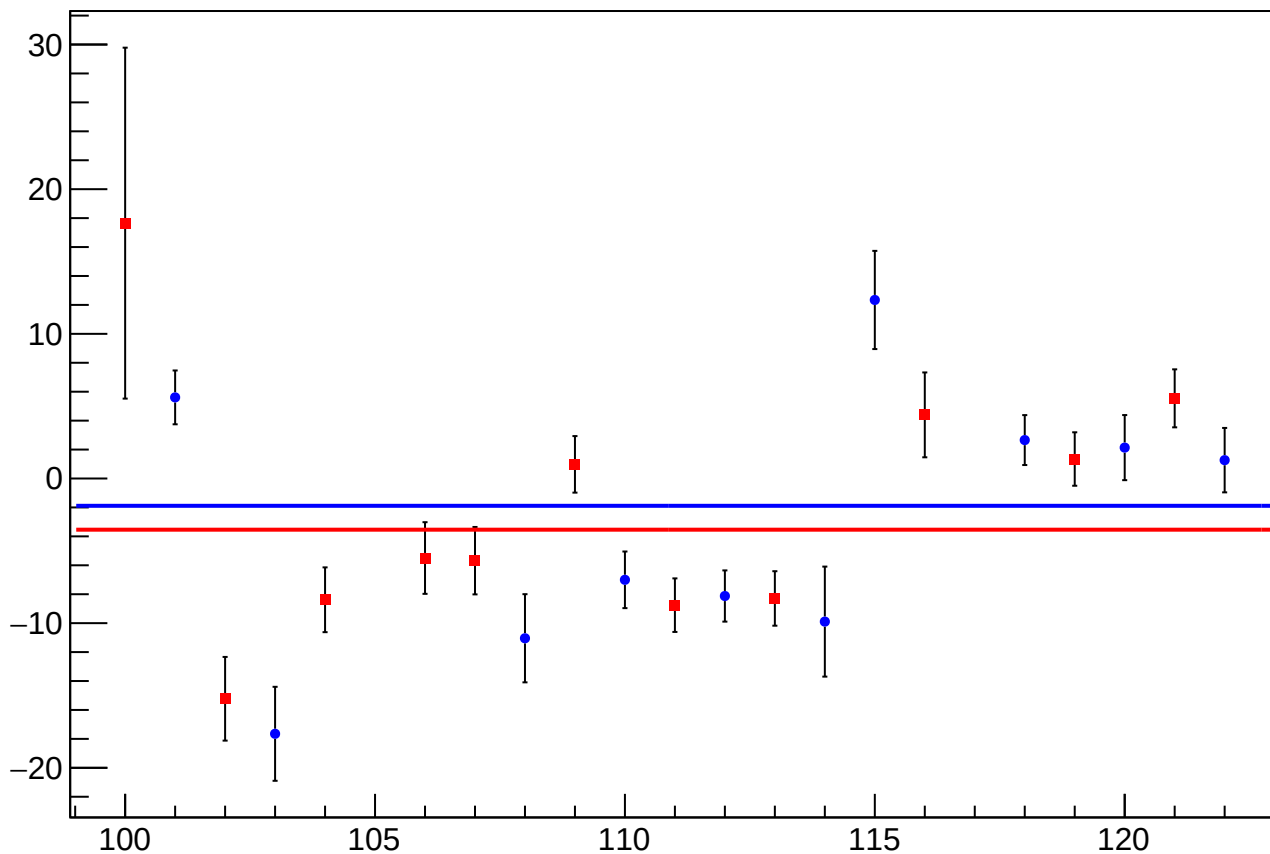
Right: -29.178 $\pm$ 0.407 χ^2 /NDF: 502.8/20

In: -30.219 $\pm$ 0.619 χ^2 /NDF: 224.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.178 $\pm$ 0.407 χ^2 /NDF: 502.8/20

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: -3.538+/-0.679 χ^2/NDF : 80.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

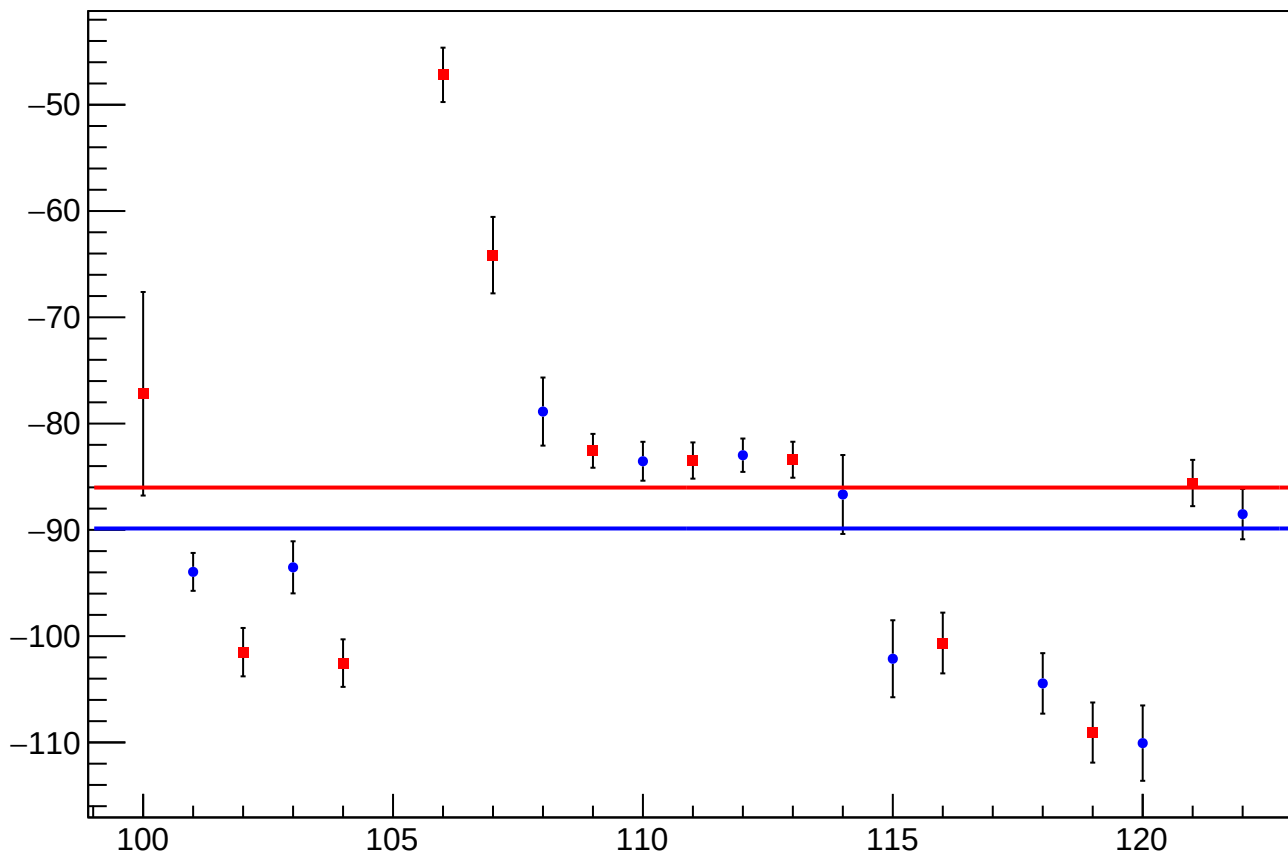
Right: -2.754+/-0.492 χ^2/NDF : 185.0/20

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+/-0.492 χ^2/NDF : 185.0/20

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -89.870 ± 0.742 $\chi^2/\text{NDF}: 121.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -86.019 ± 0.677 $\chi^2/\text{NDF}: 471.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

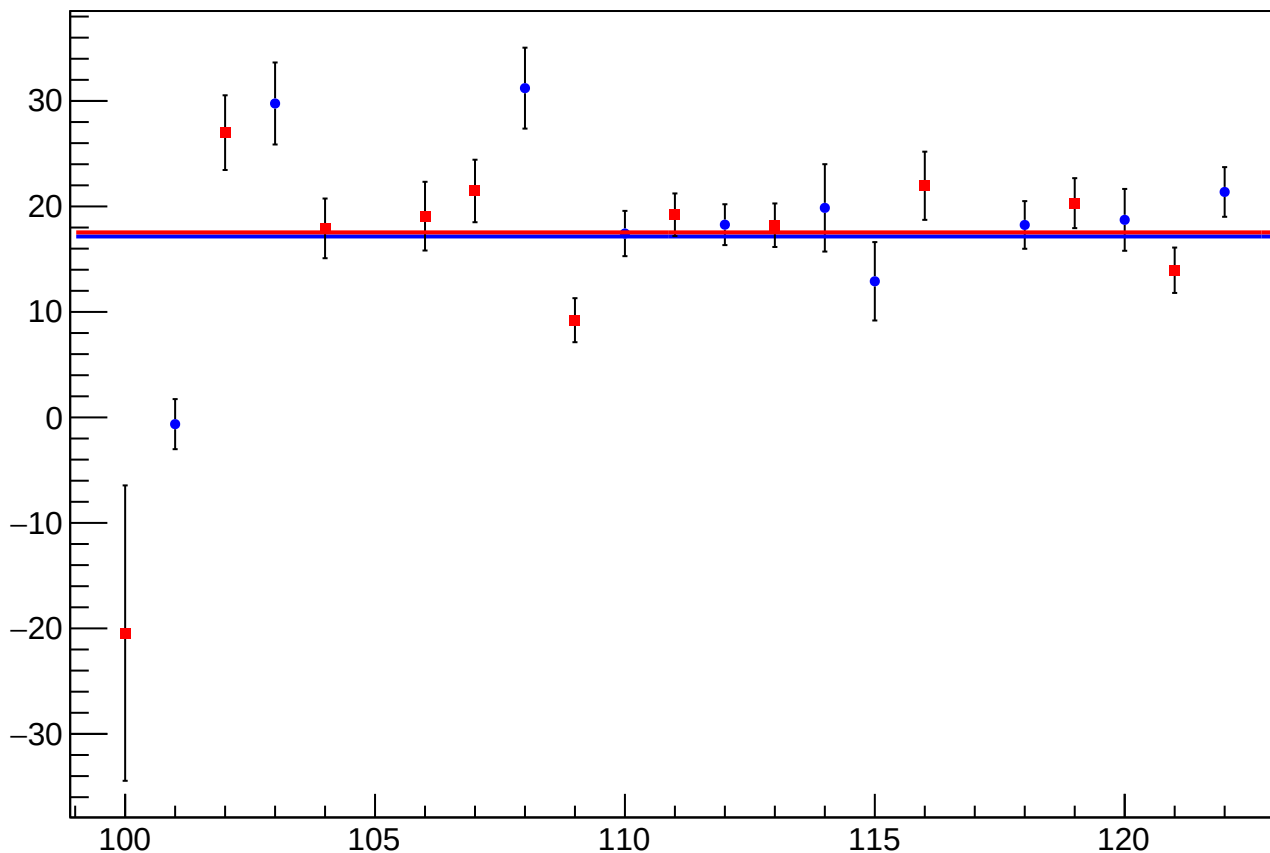
Right: -87.768 ± 0.500 $\chi^2/\text{NDF}: 607.4/20$

In: -89.870 ± 0.742 $\chi^2/\text{NDF}: 121.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -87.768 ± 0.500 $\chi^2/\text{NDF}: 607.4/20$

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.153+/-0.839 χ^2/NDF : 85.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.540+/-0.786 χ^2/NDF : 39.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

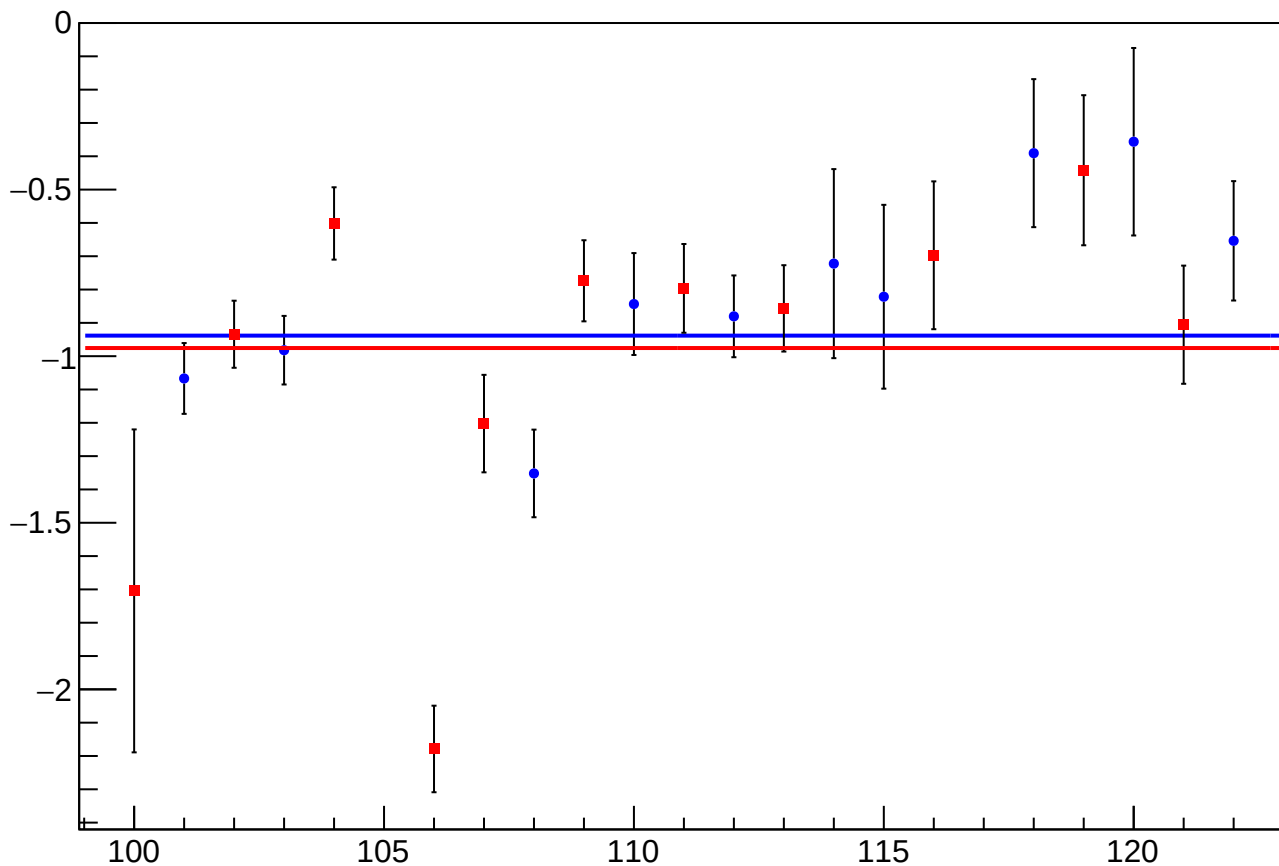
Right: 17.360+/-0.574 χ^2/NDF : 125.3/20

In: 17.153+/-0.839 χ^2/NDF : 85.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.360+/-0.574 χ^2/NDF : 125.3/20

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.938 ± 0.048 $\chi^2/\text{NDF}: 25.8/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.976 ± 0.043 $\chi^2/\text{NDF}: 115.3/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

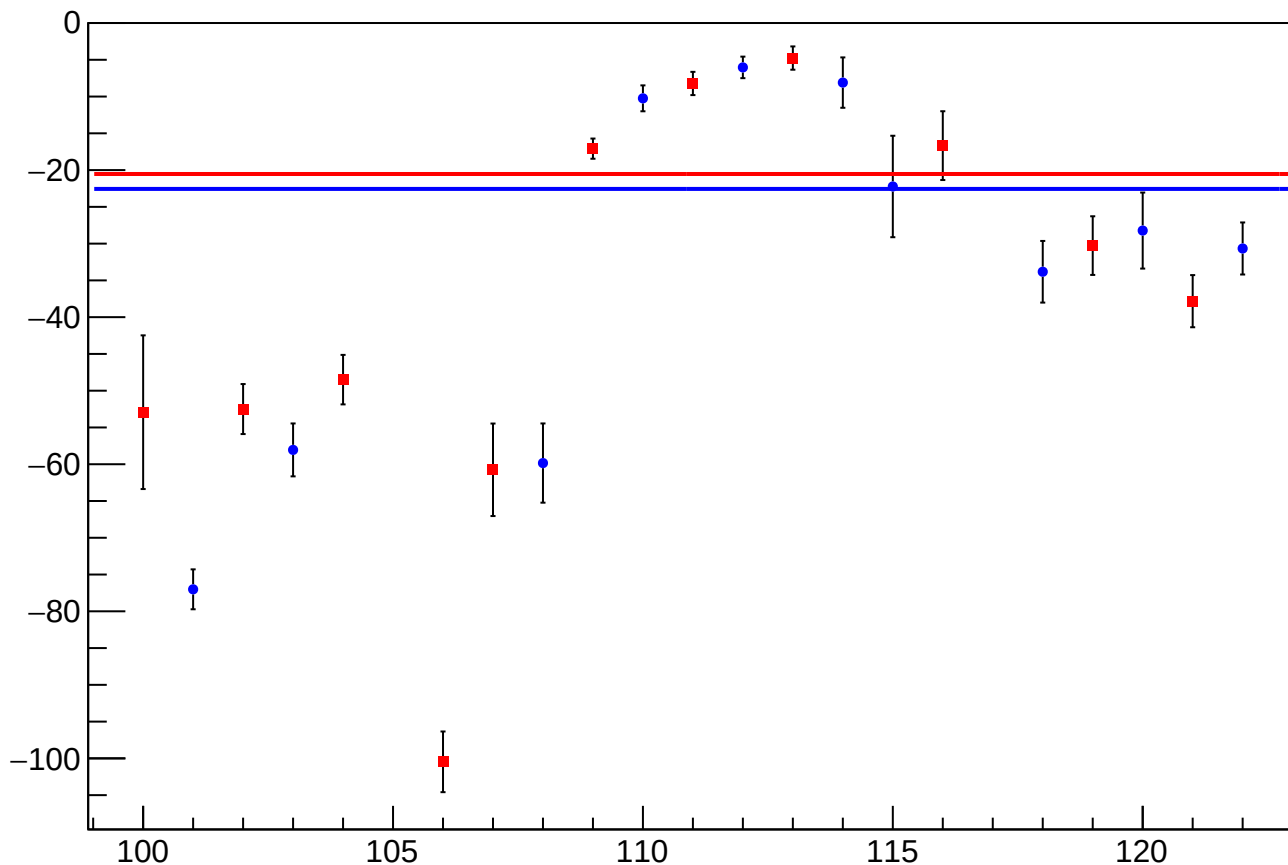
Right: -0.959 ± 0.032 $\chi^2/\text{NDF}: 141.4/20$

In: -0.938 ± 0.048 $\chi^2/\text{NDF}: 25.8/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.959 ± 0.032 $\chi^2/\text{NDF}: 141.4/20$

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: -20.531+/-0.748 χ^2/NDF : 780.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

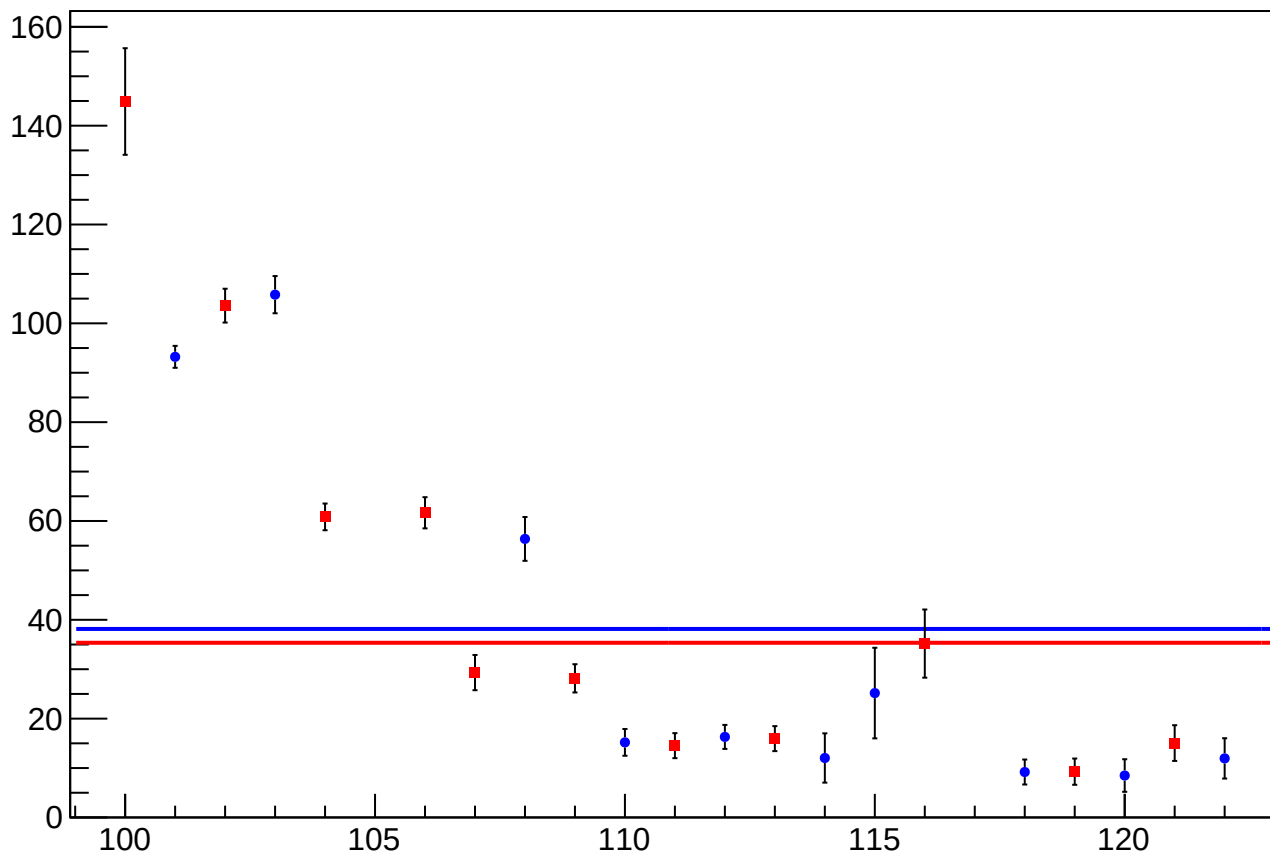
Right: -21.393+/-0.568 χ^2/NDF : 1538.7/20

In: -22.561+/-0.871 χ^2/NDF : 755.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.393+/-0.568 χ^2/NDF : 1538.7/20

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: 35.352+/-0.960 χ^2/NDF : 922.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

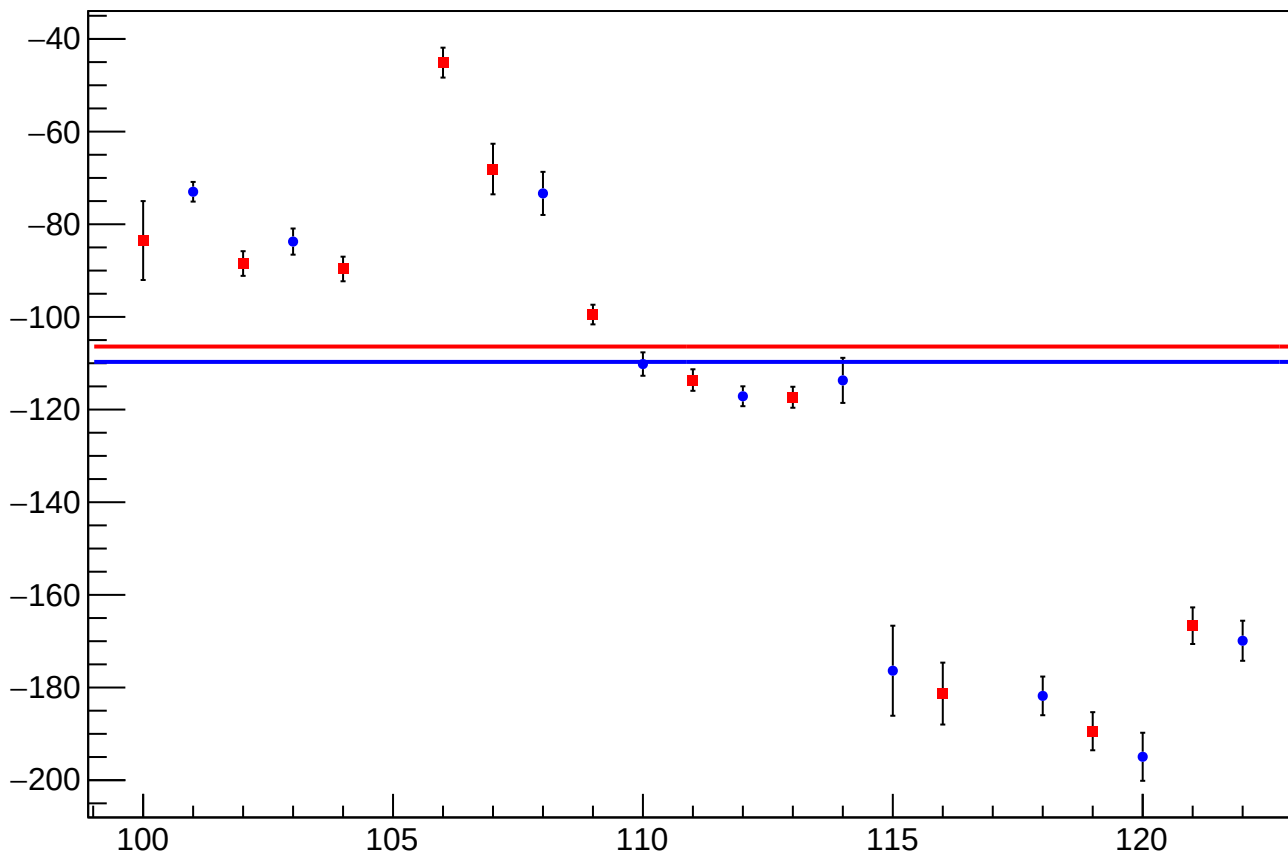
Right: 36.688+/-0.694 χ^2/NDF : 2318.2/20

In: 38.150+/-1.004 χ^2/NDF : 1391.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.688+/-0.694 χ^2/NDF : 2318.2/20

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: -106.396+/-0.923 χ^2/NDF : 1311.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

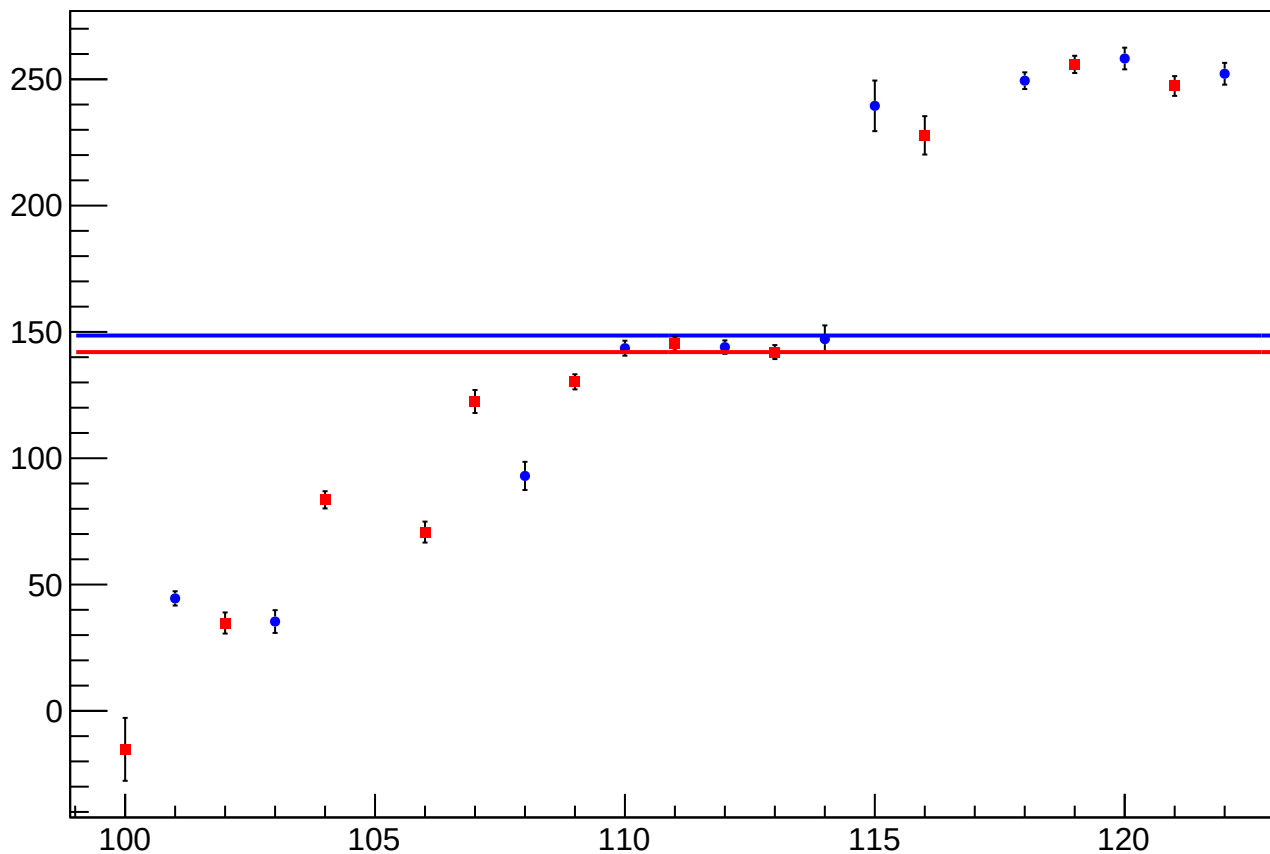
Right: -107.896+/-0.683 χ^2/NDF : 2584.0/20

In: -109.712+/-1.016 χ^2/NDF : 1267.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.896+/-0.683 χ^2/NDF : 2584.0/20

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: 142.014+/-1.118 χ^2/NDF : 3412.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

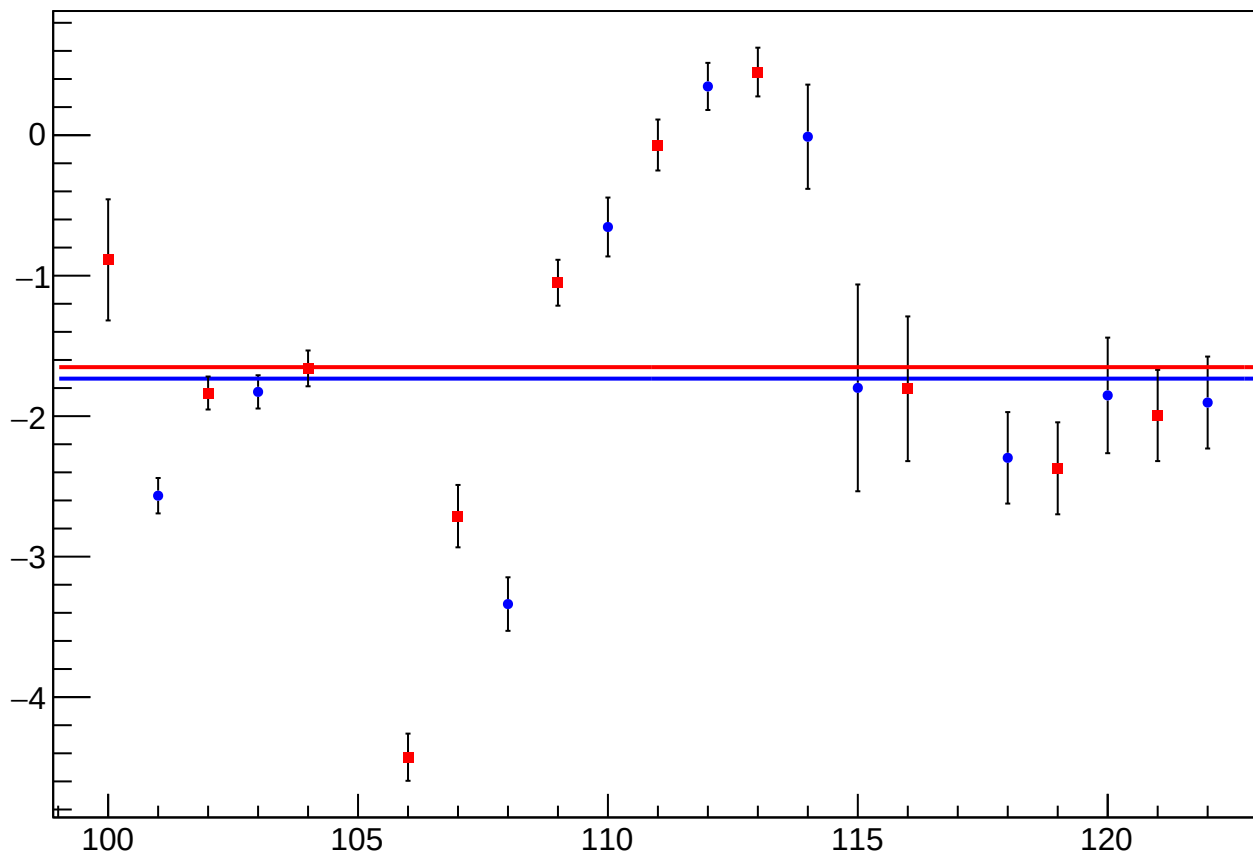
Right: 145.088+/-0.815 χ^2/NDF : 7764.7/20

In: 148.570+/-1.190 χ^2/NDF : 4336.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.088+/-0.815 χ^2/NDF : 7764.7/20

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: -1.651 ± 0.056 χ^2/NDF : 544.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

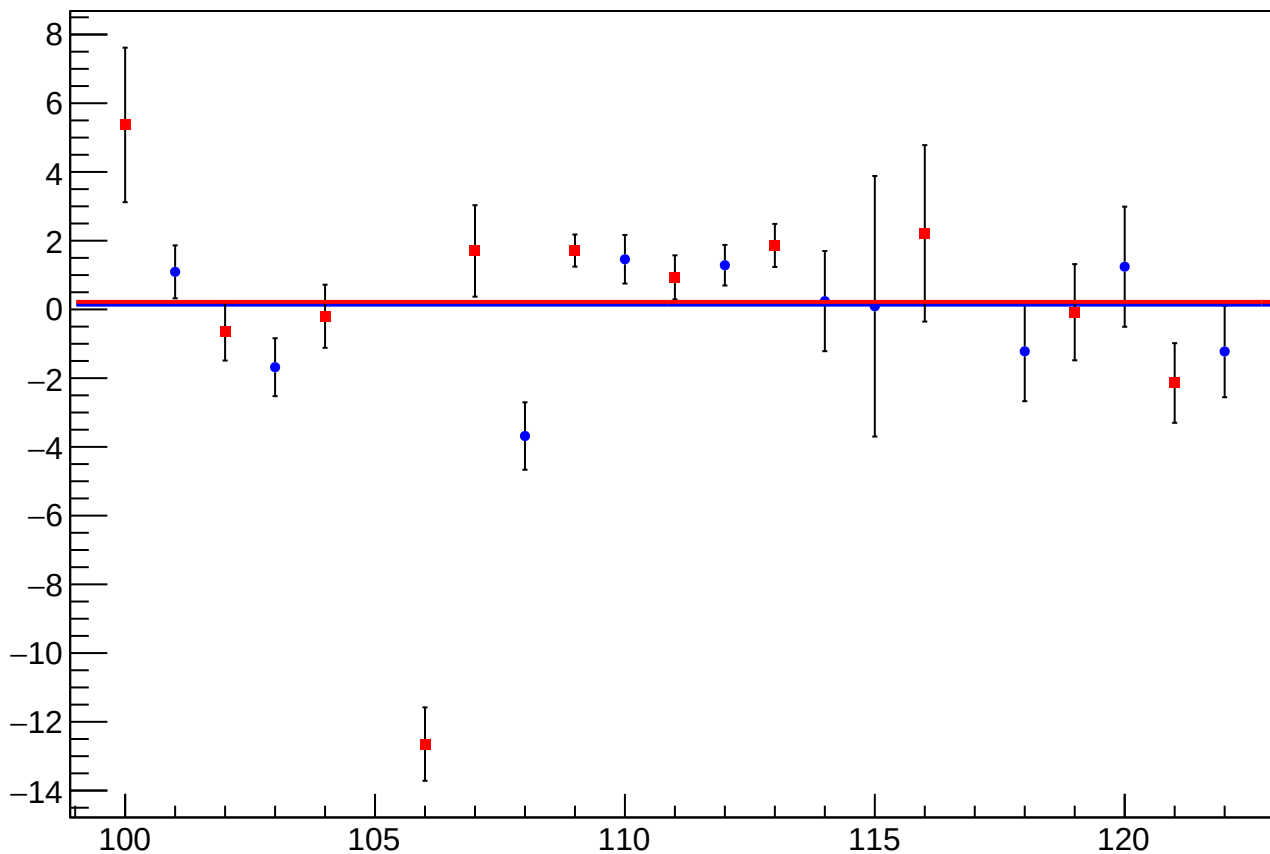
Right: -1.687 ± 0.042 χ^2/NDF : 865.5/20

In: -1.733 ± 0.063 χ^2/NDF : 320.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.687 ± 0.042 χ^2/NDF : 865.5/20

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: 0.219+/-0.256 χ^2/NDF : 175.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

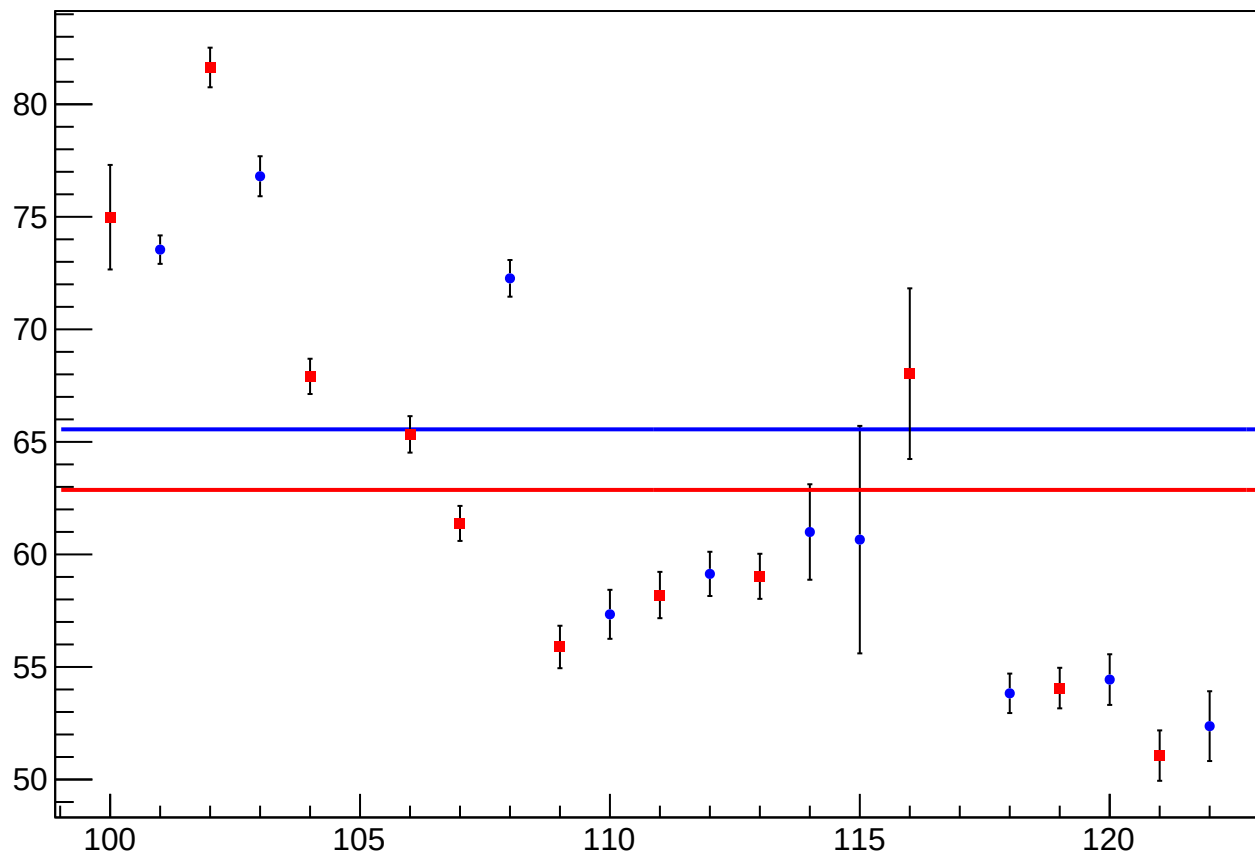
Right: 0.186+/-0.196 χ^2/NDF : 206.9/20

In: 0.139+/-0.303 χ^2/NDF : 31.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.186+/-0.196 χ^2/NDF : 206.9/20

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 65.557 $\pm$ 0.317 χ^2 /NDF: 841.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.866 $\pm$ 0.296 χ^2 /NDF: 834.8/10

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

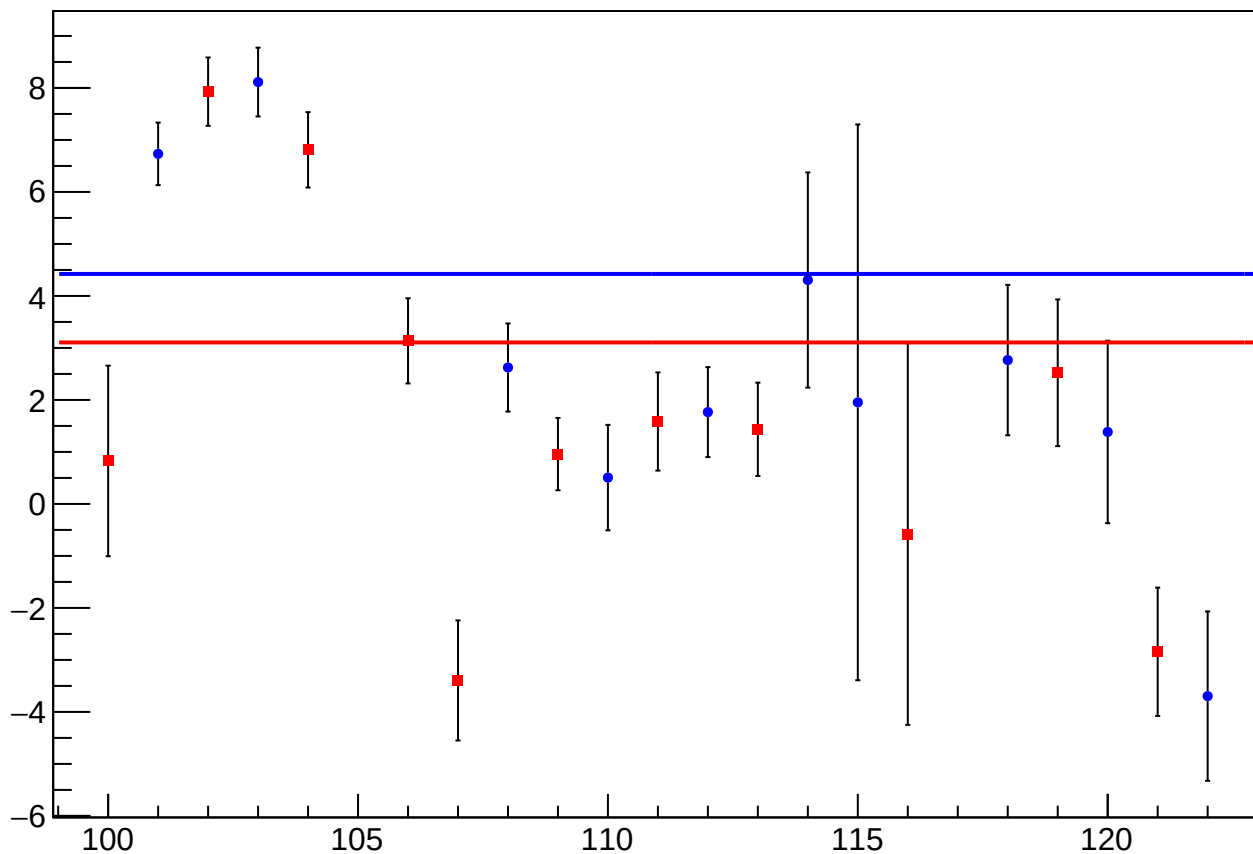
Right: 64.116 $\pm$ 0.216 χ^2 /NDF: 1715.2/20

In: 65.557 $\pm$ 0.317 χ^2 /NDF:841.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.116 $\pm$ 0.216 χ^2 /NDF: 1715.2/20

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: 3.106+/-0.284 χ^2/NDF : 153.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

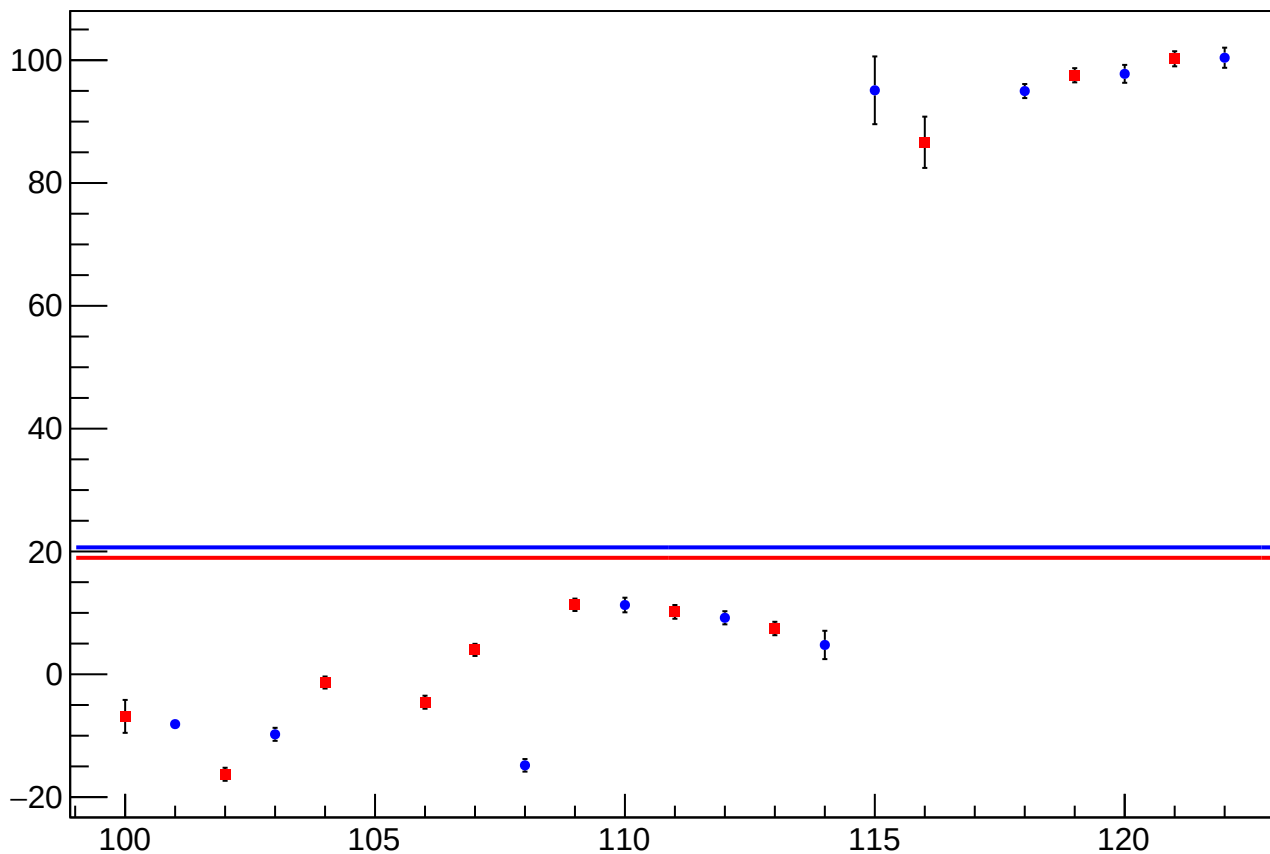
Right: 3.700+/-0.210 χ^2/NDF : 267.0/20

In: 4.423+/-0.313 χ^2/NDF : 104.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.700+/-0.210 χ^2/NDF : 267.0/20

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: 18.968+/-0.352 χ^2/NDF : 11828.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

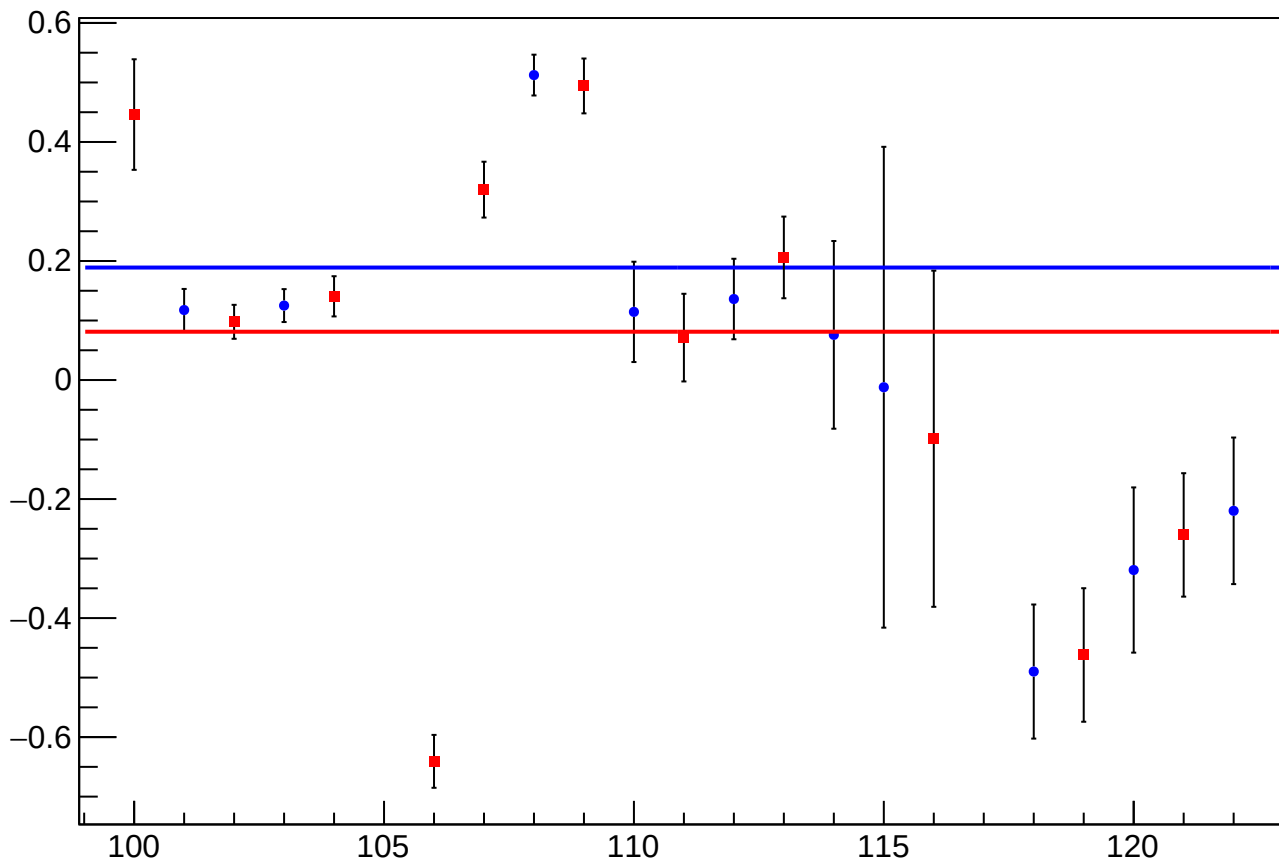
Right: 19.745+/-0.259 χ^2/NDF : 24946.0/20

In: 20.667+/-0.383 χ^2/NDF : 13107.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.745+/-0.259 χ^2/NDF : 24946.0/20

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: 0.081+/-0.015 χ^2/NDF : 426.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

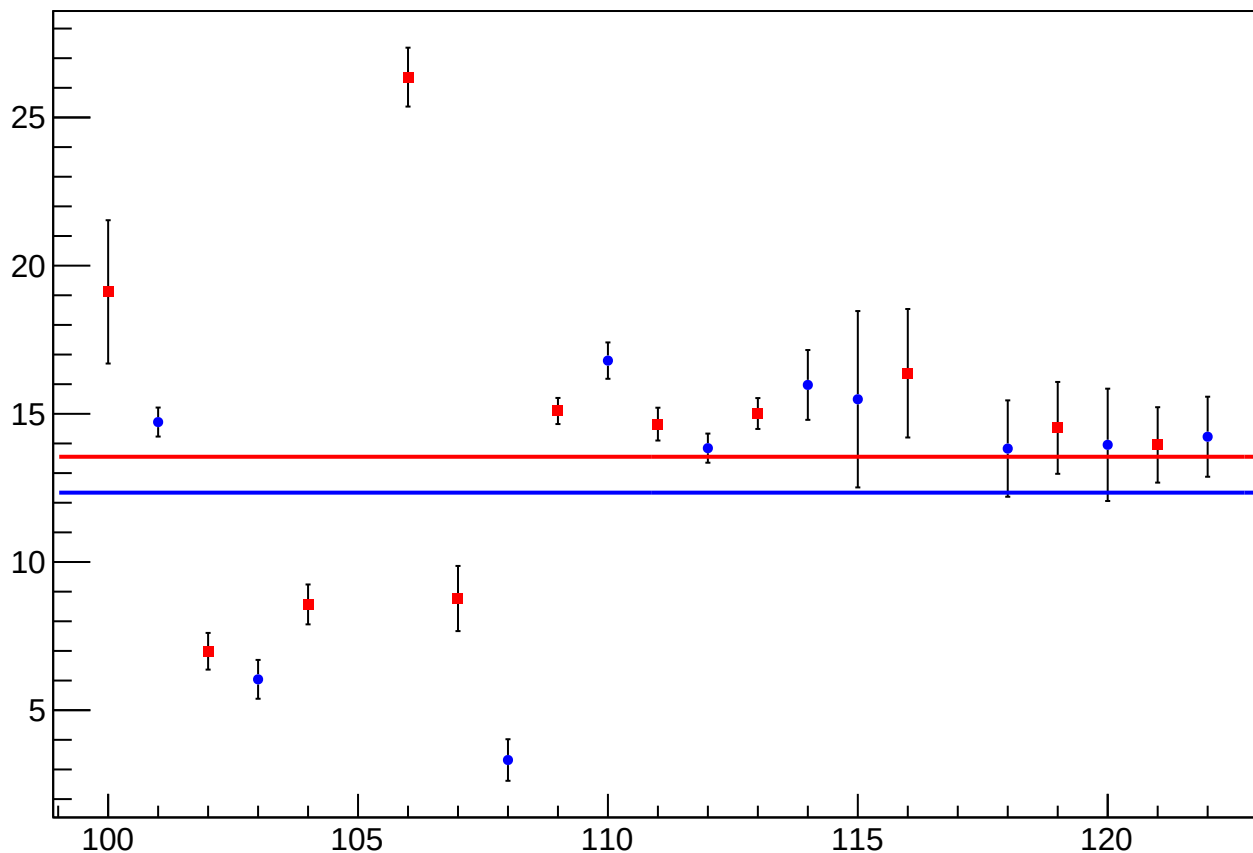
Right: 0.130+/-0.011 χ^2/NDF : 610.6/20

In: 0.189+/-0.017 χ^2/NDF : 161.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.130+/-0.011 χ^2/NDF : 610.6/20

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: 13.551+/-0.223 χ^2/NDF : 383.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

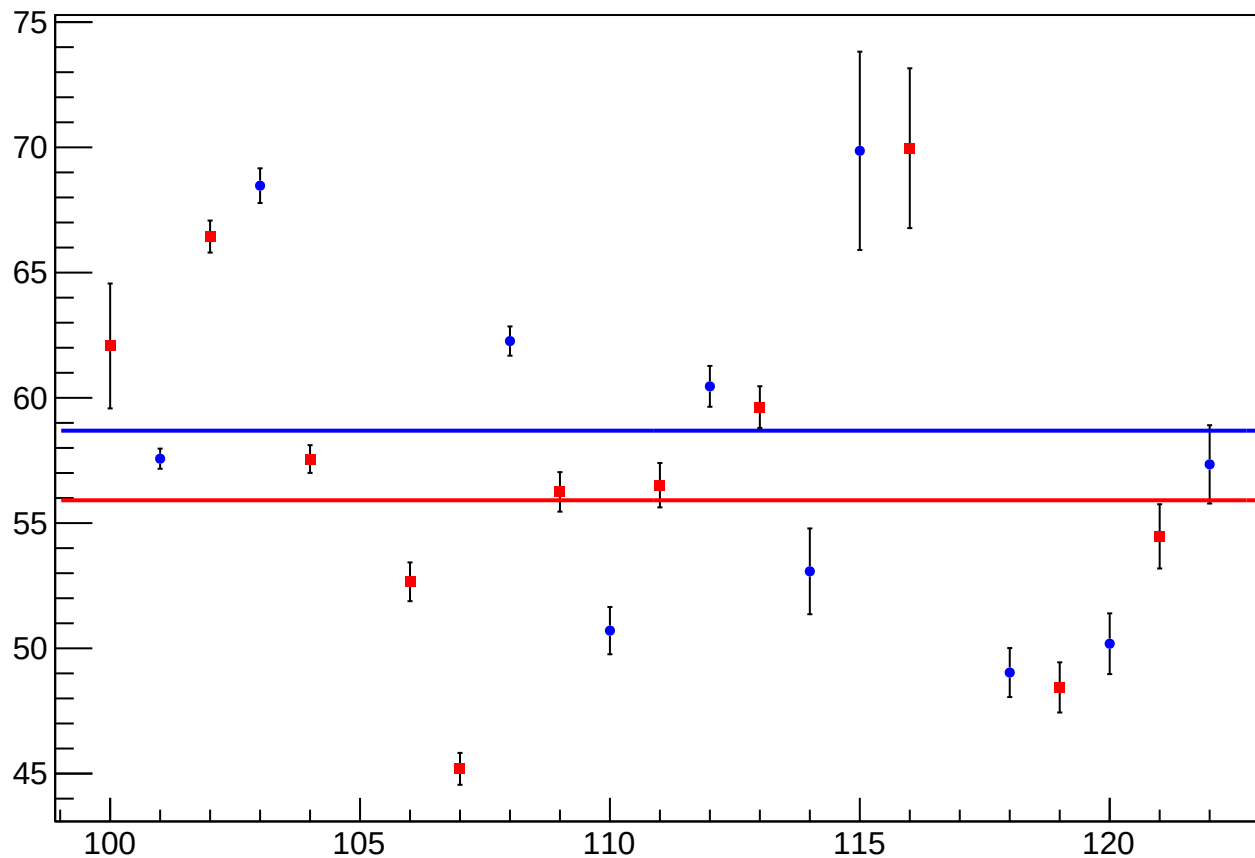
Right: 12.991+/-0.163 χ^2/NDF : 755.4/20

In: 12.341+/-0.240 χ^2/NDF : 357.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.991+/-0.163 χ^2/NDF : 755.4/20

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 58.689+/-0.247 χ^2/NDF : 486.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.910+/-0.250 χ^2/NDF : 684.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

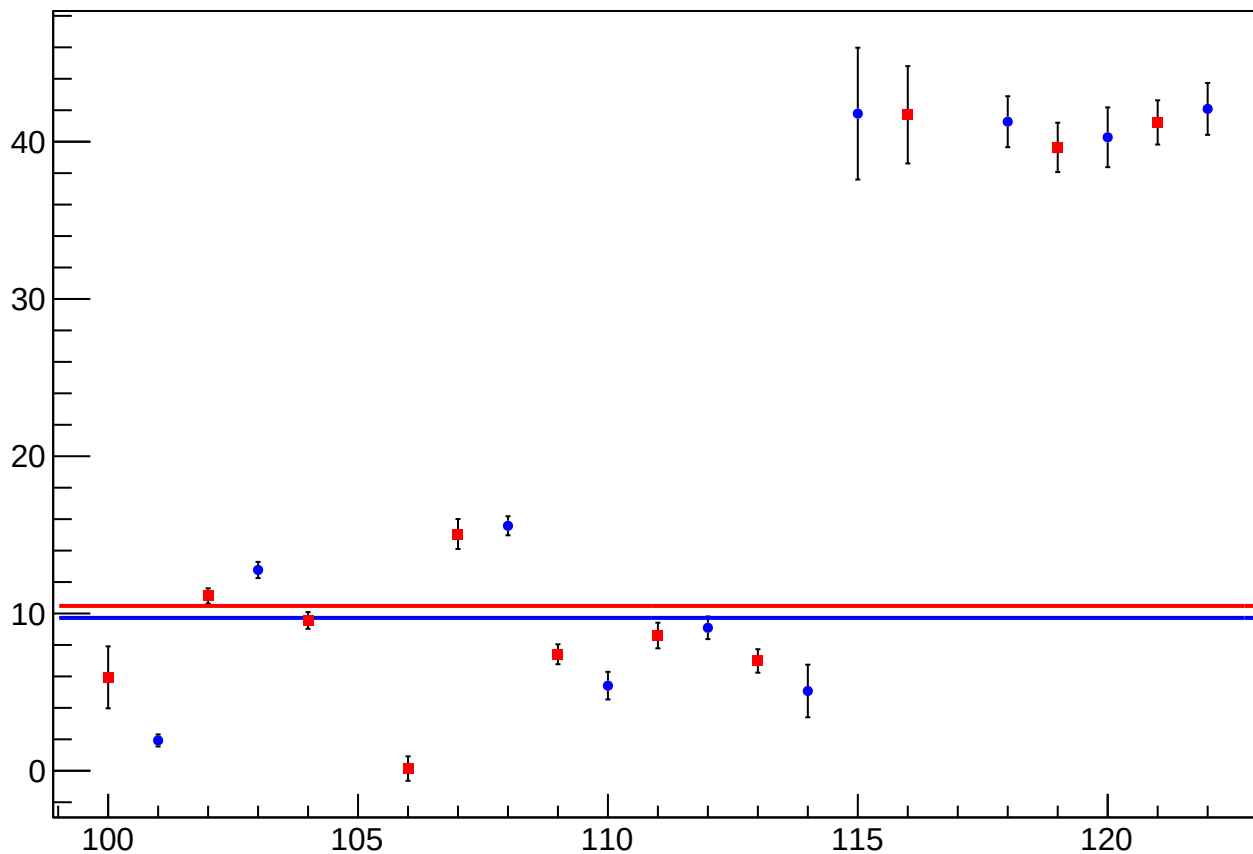
Right: 57.314+/-0.176 χ^2/NDF : 1233.4/20

In: 58.689+/-0.247 χ^2/NDF : 486.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.314+/-0.176 χ^2/NDF : 1233.4/20

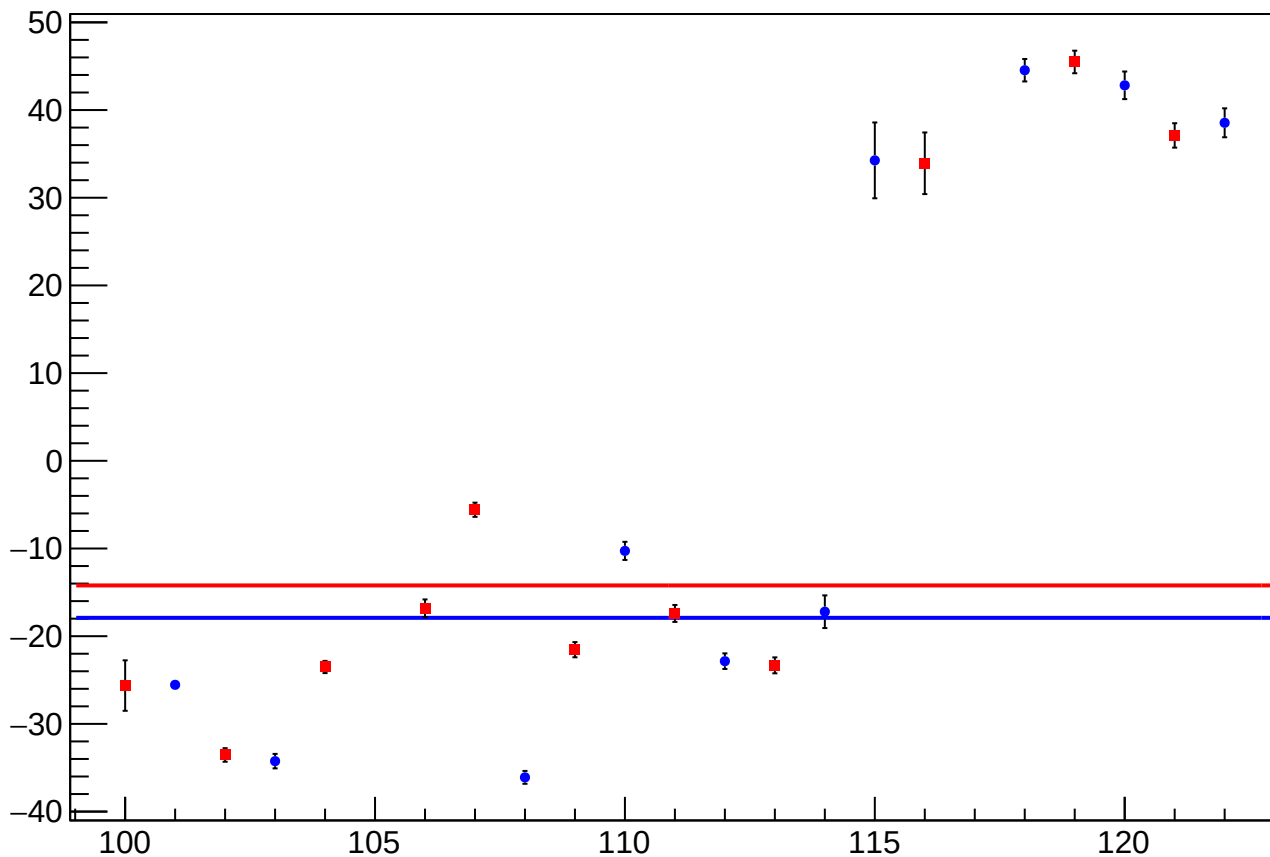
reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 10.482+/-0.238 χ^2/NDF : 1185.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 10.098+/-0.168 χ^2/NDF : 2847.7/20
 In: 9.721+/-0.236 χ^2/NDF : 1656.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 10.098+/-0.168 χ^2/NDF : 2847.7/20

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.906 $\pm$ 0.300 χ^2 /NDF: 6495.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.211 $\pm$ 0.299 χ^2 /NDF: 4814.7/10

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

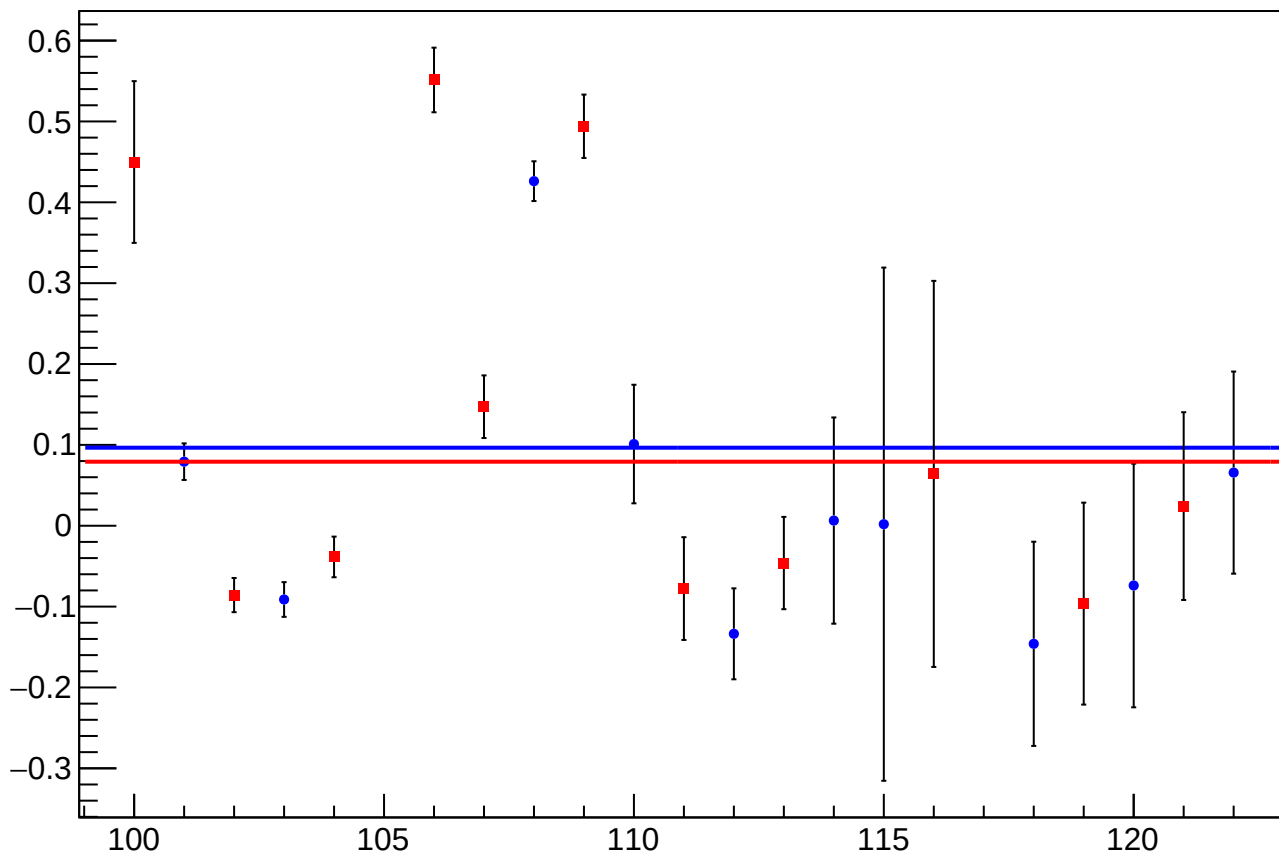
Right: -16.053 $\pm$ 0.212 χ^2 /NDF: 11386.5/20

In: -17.906 $\pm$ 0.300 χ^2 /NDF:6495.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.053 $\pm$ 0.212 χ^2 /NDF: 11386.5/20

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: 364.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

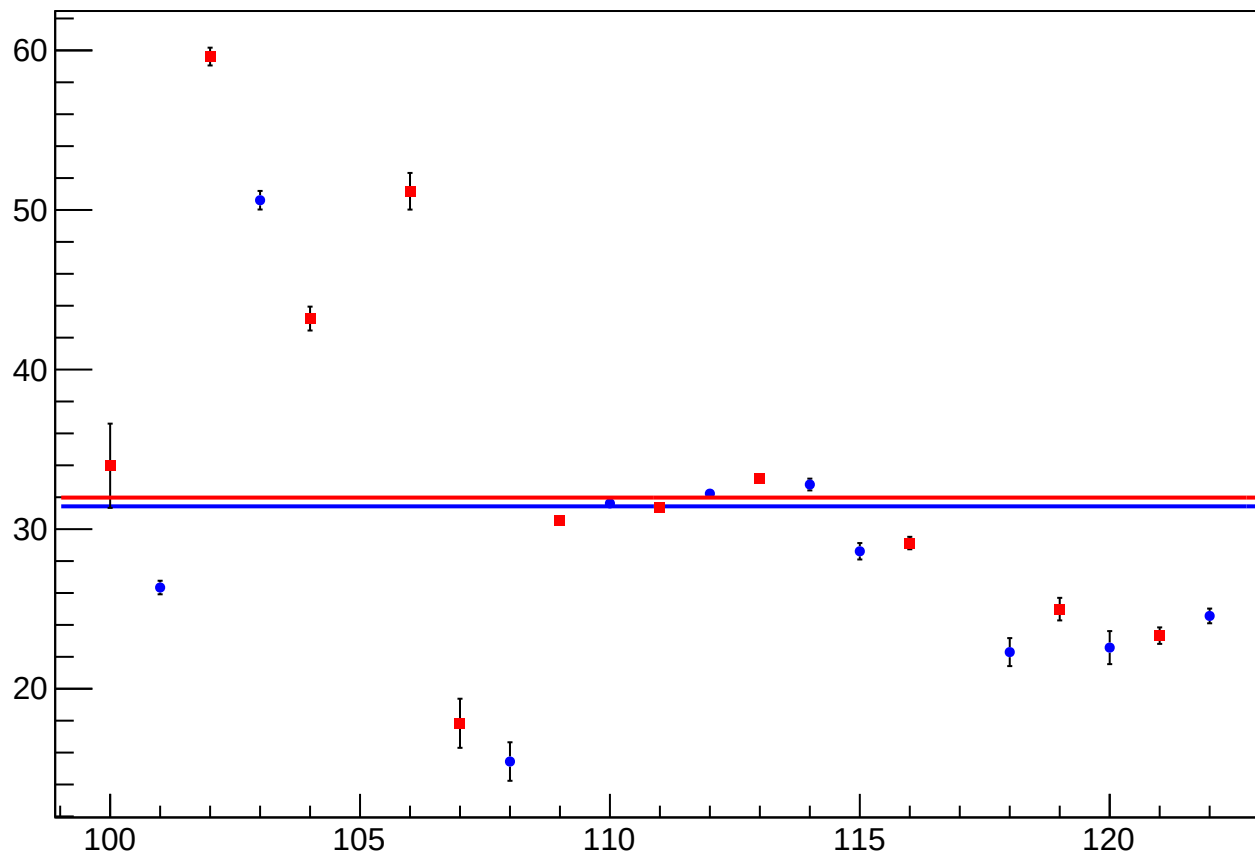
Right: 0.088 $\pm$ 0.009 χ^2 /NDF: 644.5/20

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: 644.5/20

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: 31.979+/-0.087 χ^2/NDF : 3636.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

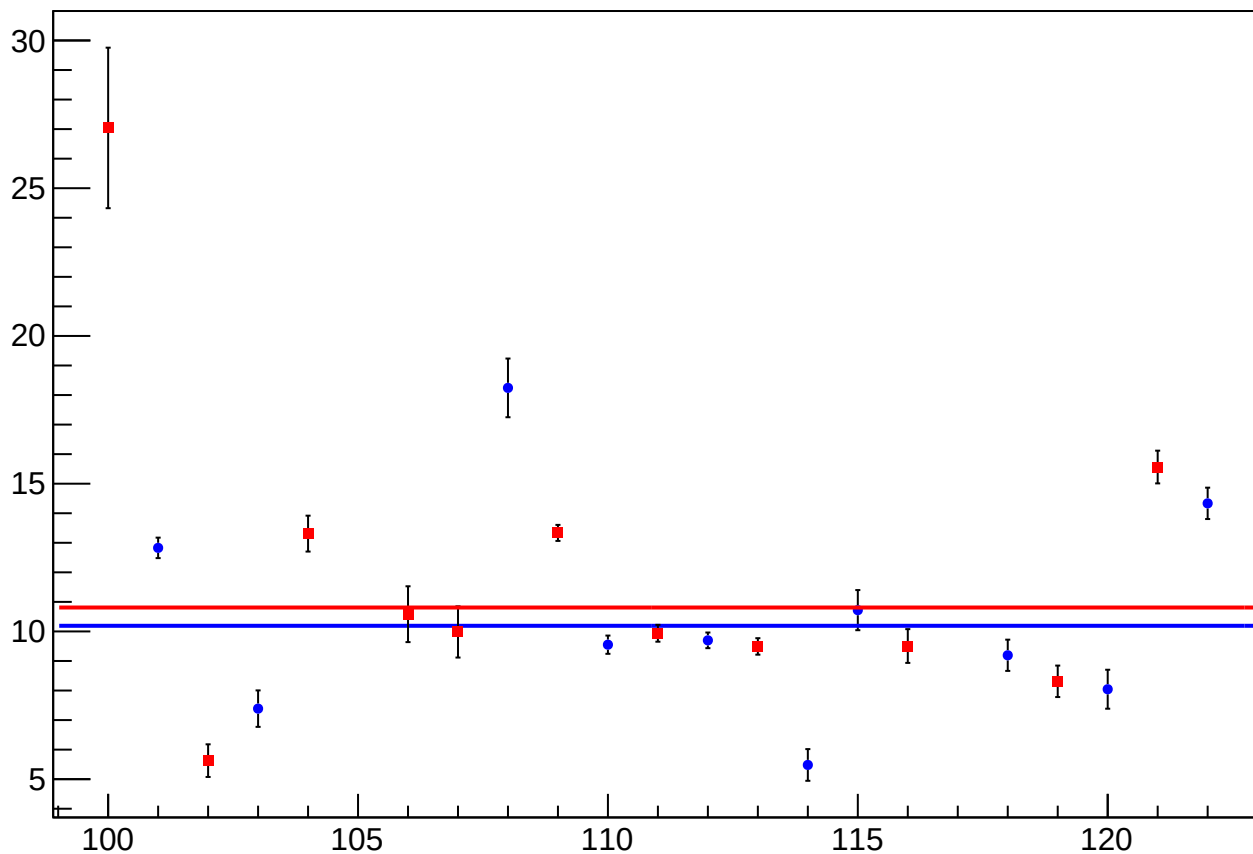
Right: 31.756+/-0.067 χ^2/NDF : 5529.8/20

In: 31.429+/-0.105 χ^2/NDF : 1877.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.756+/-0.067 χ^2/NDF : 5529.8/20

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: 10.810+/-0.132 χ^2/NDF : 360.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

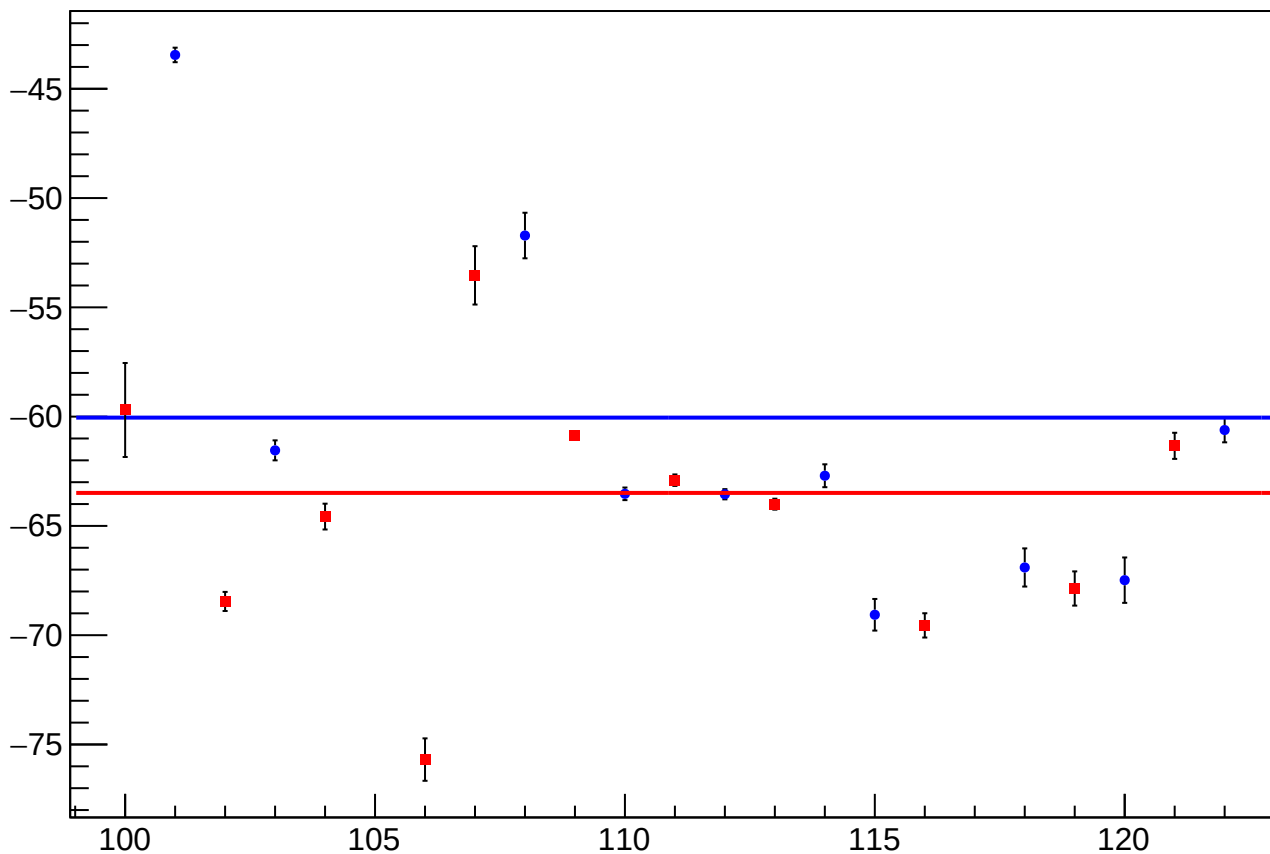
Right: 10.515+/-0.096 χ^2/NDF : 675.9/20

In: 10.191+/-0.139 χ^2/NDF : 304.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.515+/-0.096 χ^2/NDF : 675.9/20

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: -63.491 ± 0.120 χ^2/NDF : 670.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

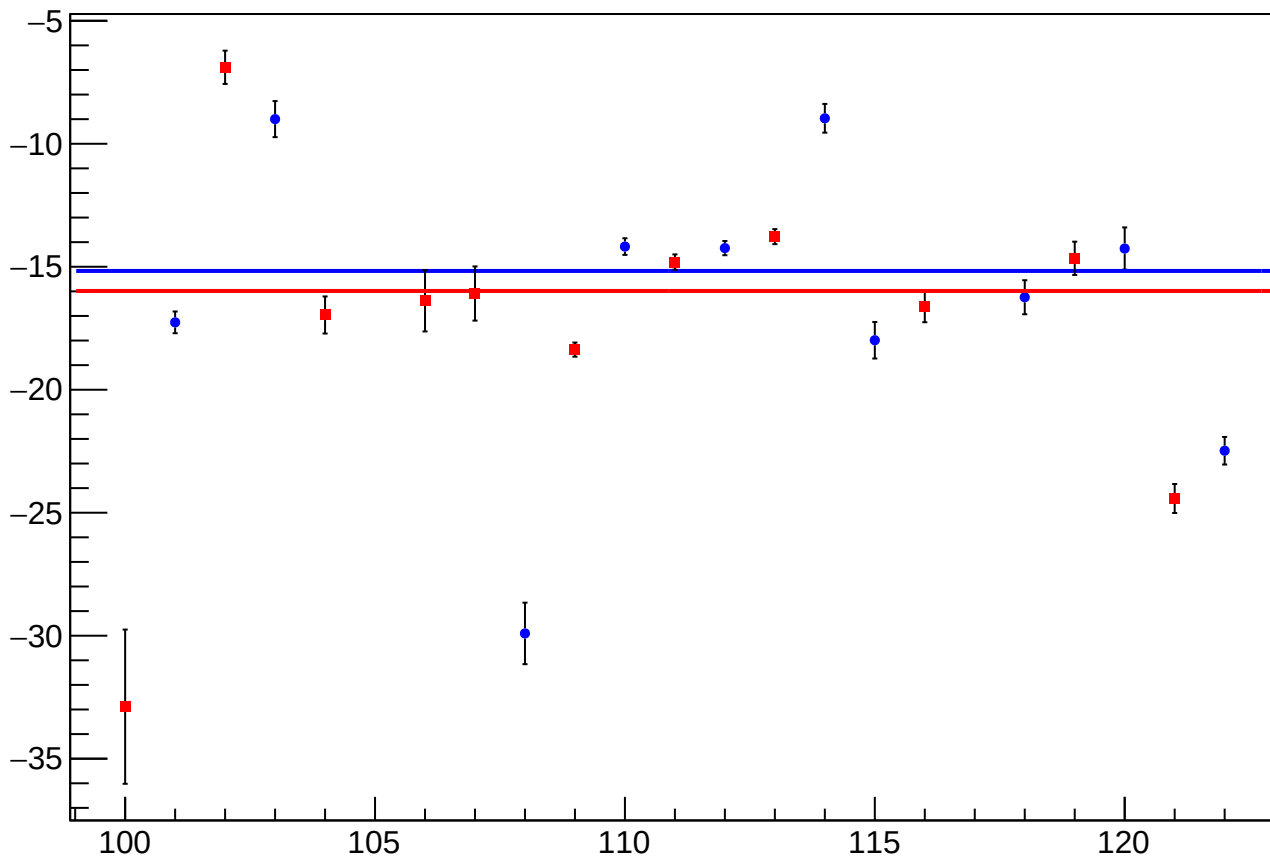
Right: -61.952 ± 0.089 χ^2/NDF : 4268.1/20

In: -60.045 ± 0.134 χ^2/NDF : 3230.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.952 ± 0.089 χ^2/NDF : 4268.1/20

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: -15.984 ± 0.147 χ^2/NDF : 557.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

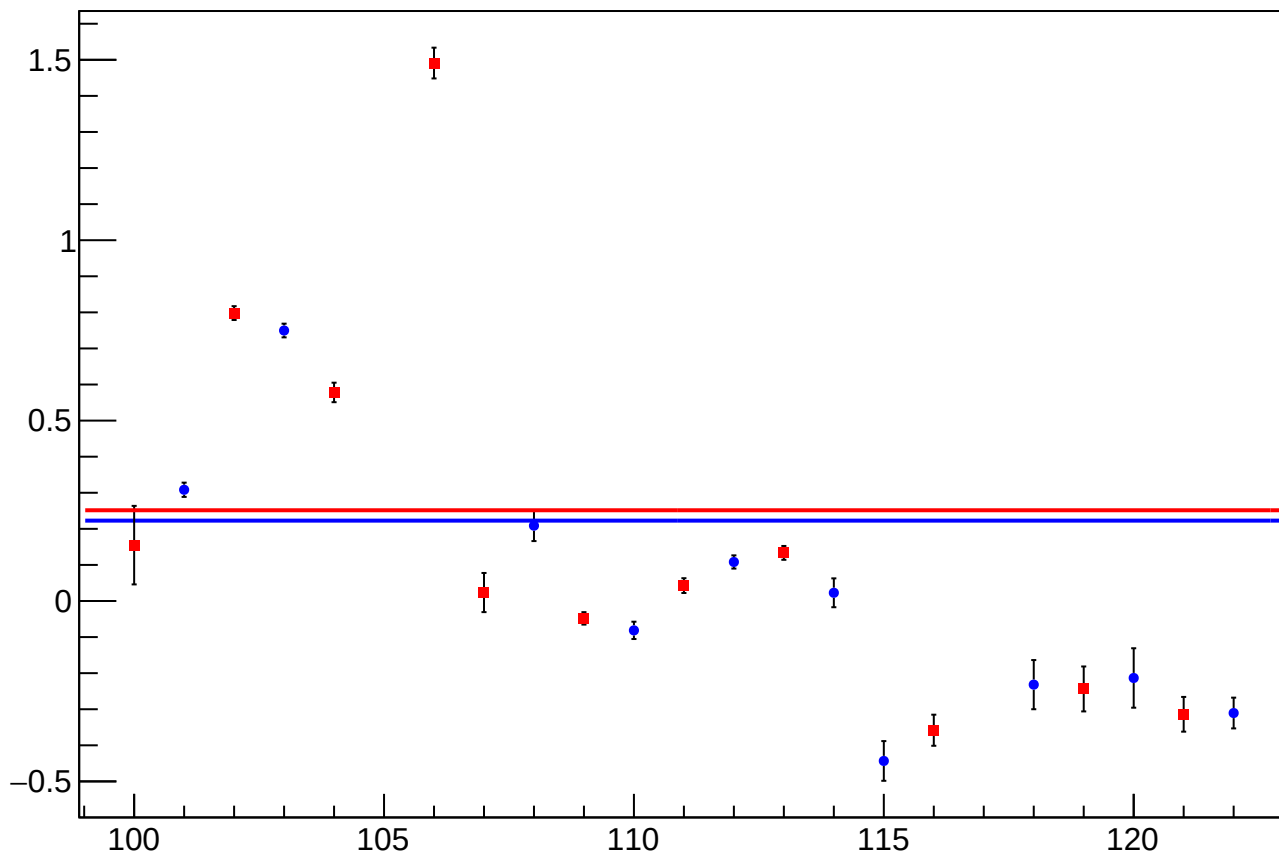
Right: -15.608 ± 0.108 χ^2/NDF : 1123.1/20

In: -15.170 ± 0.159 χ^2/NDF : 551.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.608 ± 0.108 χ^2/NDF : 1123.1/20

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: 0.252+/-0.008 χ^2/NDF : 2666.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

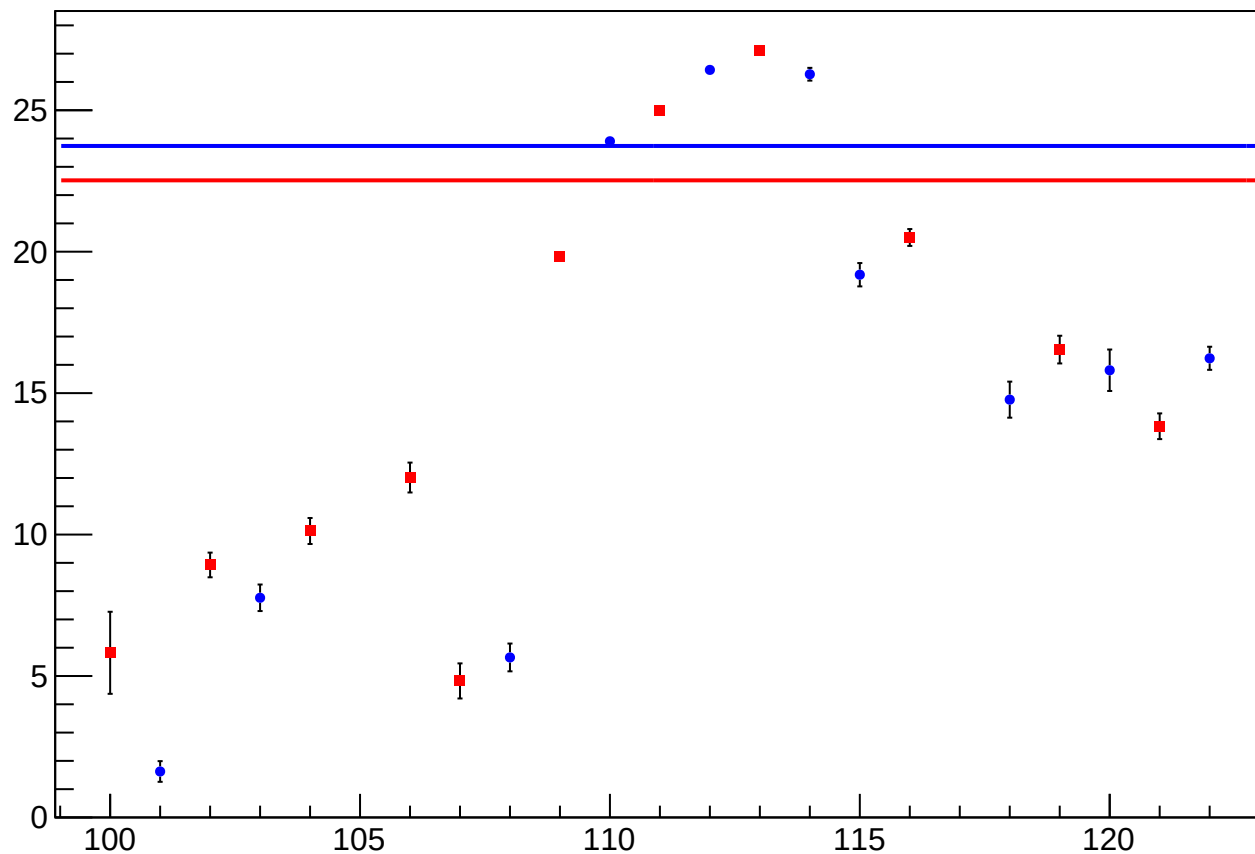
Right: 0.238+/-0.006 χ^2/NDF : 4060.6/20

In: 0.223+/-0.009 χ^2/NDF :1388.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.238+/-0.006 χ^2/NDF : 4060.6/20

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.738+/-0.060 χ^2/NDF : 8035.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.522+/-0.048 χ^2/NDF : 7728.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

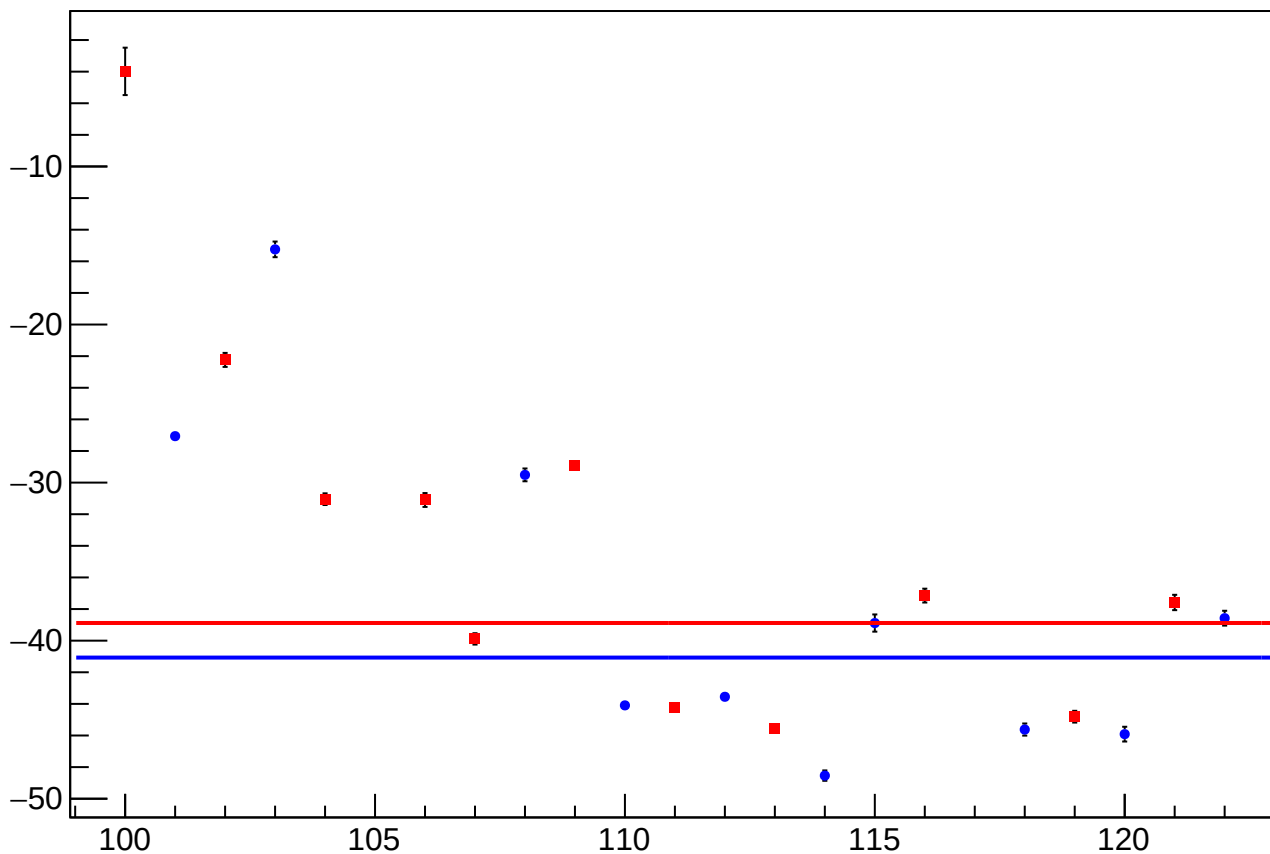
Right: 22.992+/-0.038 χ^2/NDF : 16010.9/20

In: 23.738+/-0.060 χ^2/NDF : 8035.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.992+/-0.038 χ^2/NDF : 16010.9/20

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: -38.882+/-0.078 χ^2/NDF : 9680.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

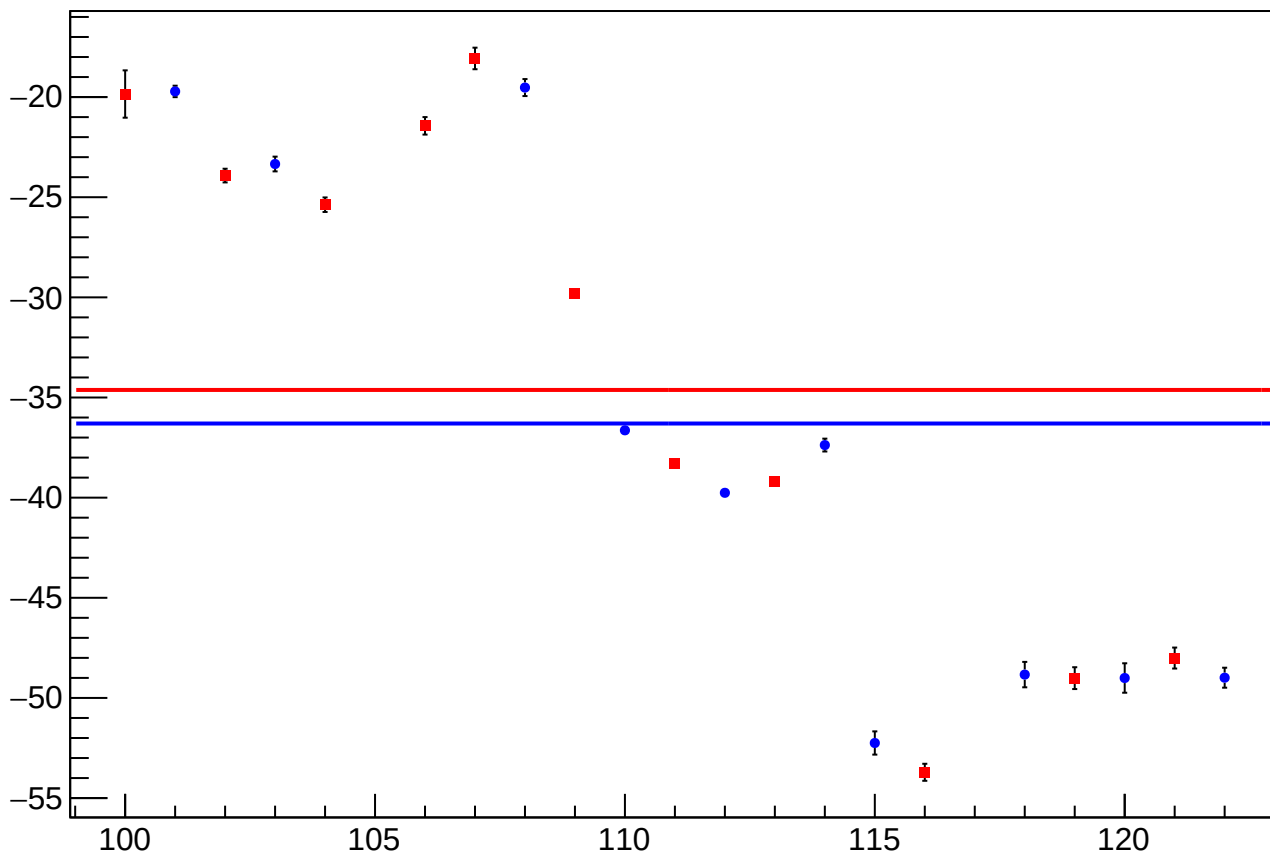
Right: -39.862+/-0.058 χ^2/NDF : 17236.8/20

In: -41.070+/-0.086 χ^2/NDF : 7199.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.862+/-0.058 χ^2/NDF : 17236.8/20

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.299 ± 0.081 χ^2/NDF : 9012.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.623 ± 0.068 χ^2/NDF : 10459.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

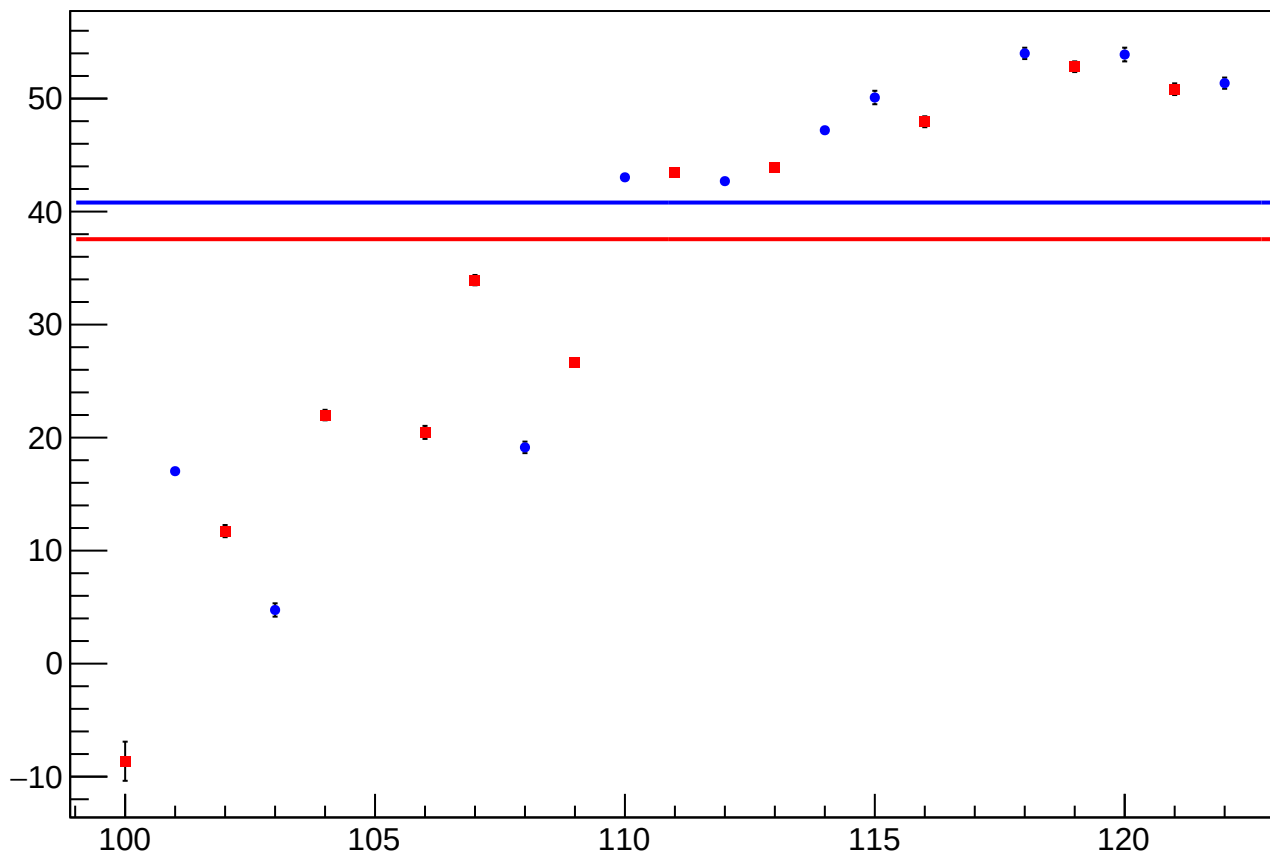
Right: -35.314 ± 0.052 χ^2/NDF : 19720.8/20

In: -36.299 ± 0.081 χ^2/NDF : 9012.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.314 ± 0.052 χ^2/NDF : 19720.8/20

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.799+/-0.097 χ^2/NDF : 11948.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.557+/-0.086 χ^2/NDF : 14001.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

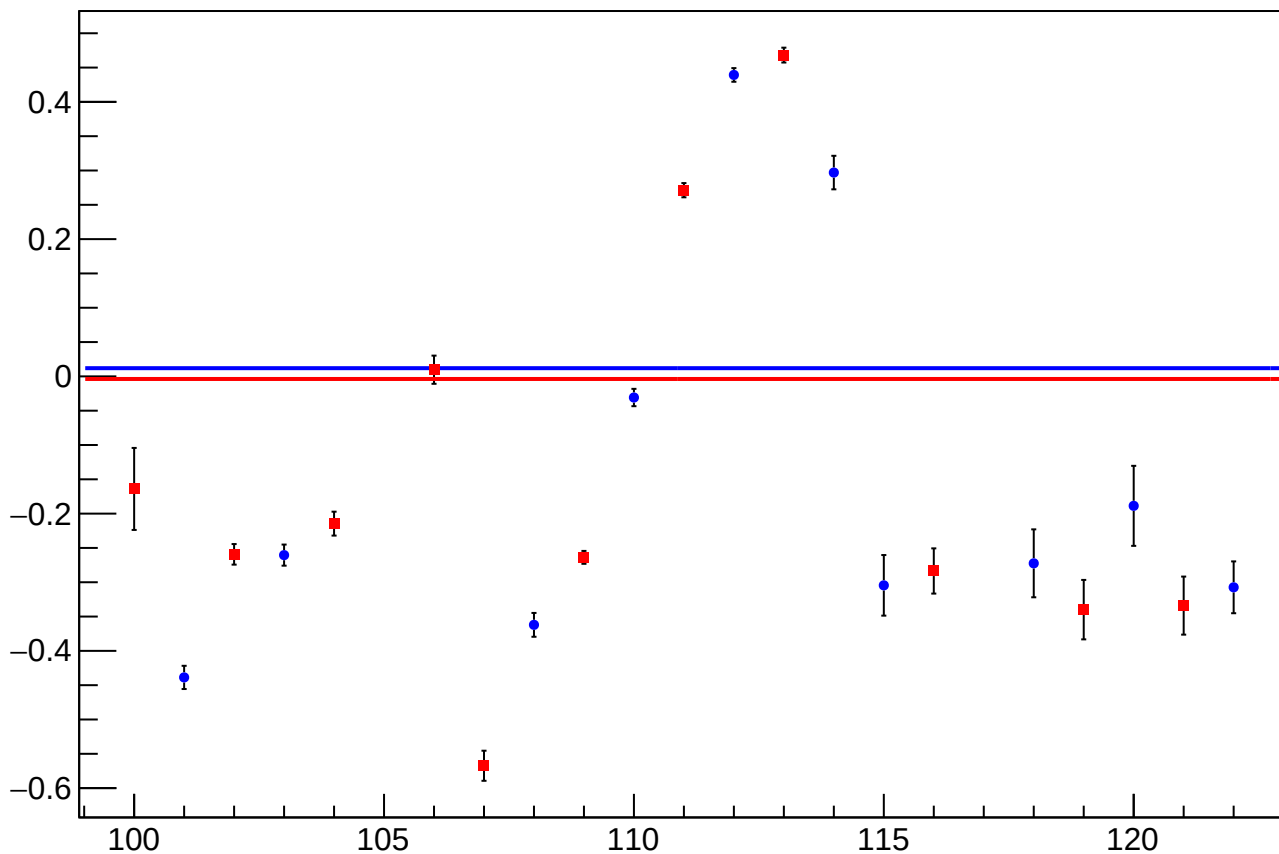
Right: 38.978+/-0.064 χ^2/NDF : 26577.2/20

In: 40.799+/-0.097 χ^2/NDF : 11948.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.978+/-0.064 χ^2/NDF : 26577.2/20

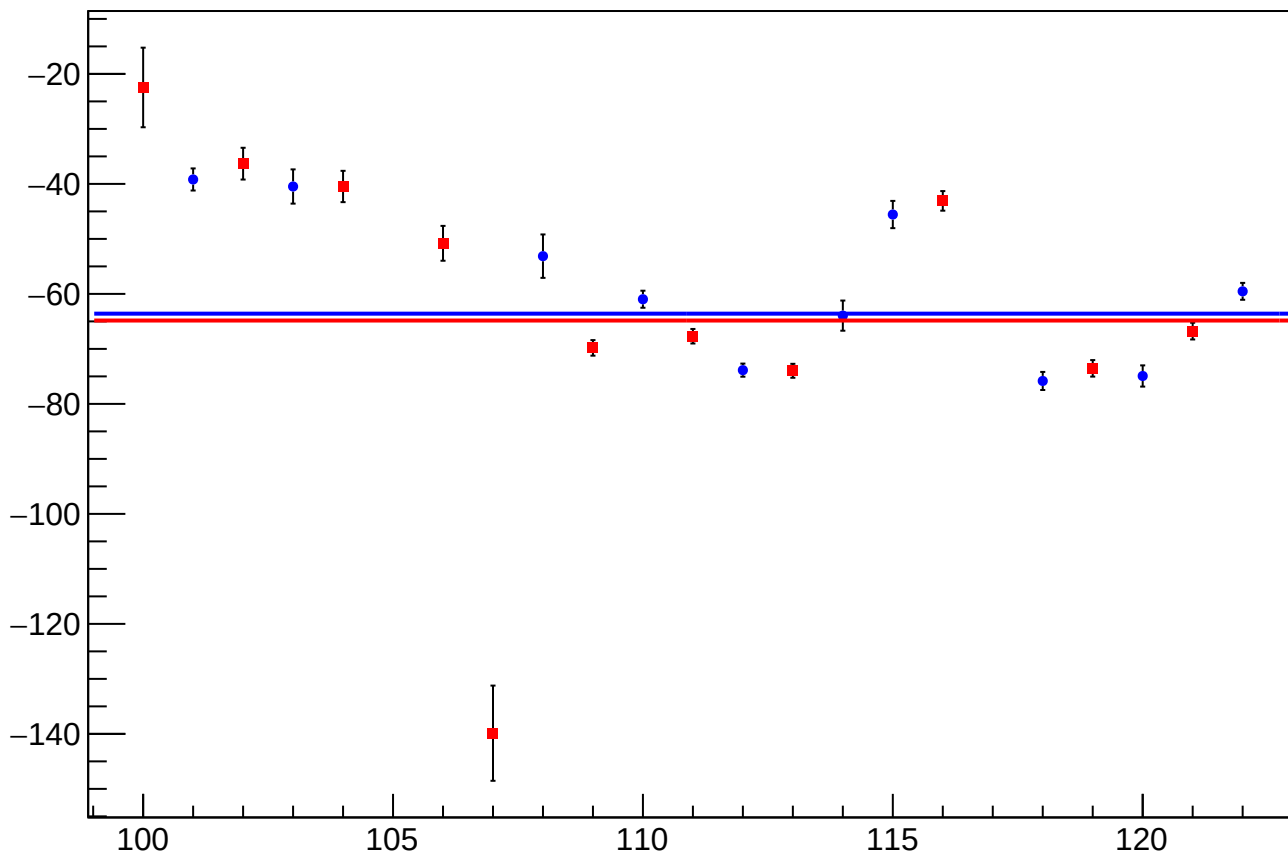
reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.004 $\pm$ 0.005 χ^2 /NDF: 4669.4/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.003 $\pm$ 0.004 χ^2 /NDF: 8322.0/20
 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: 0.003 $\pm$ 0.004 χ^2 /NDF: 8322.0/20

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

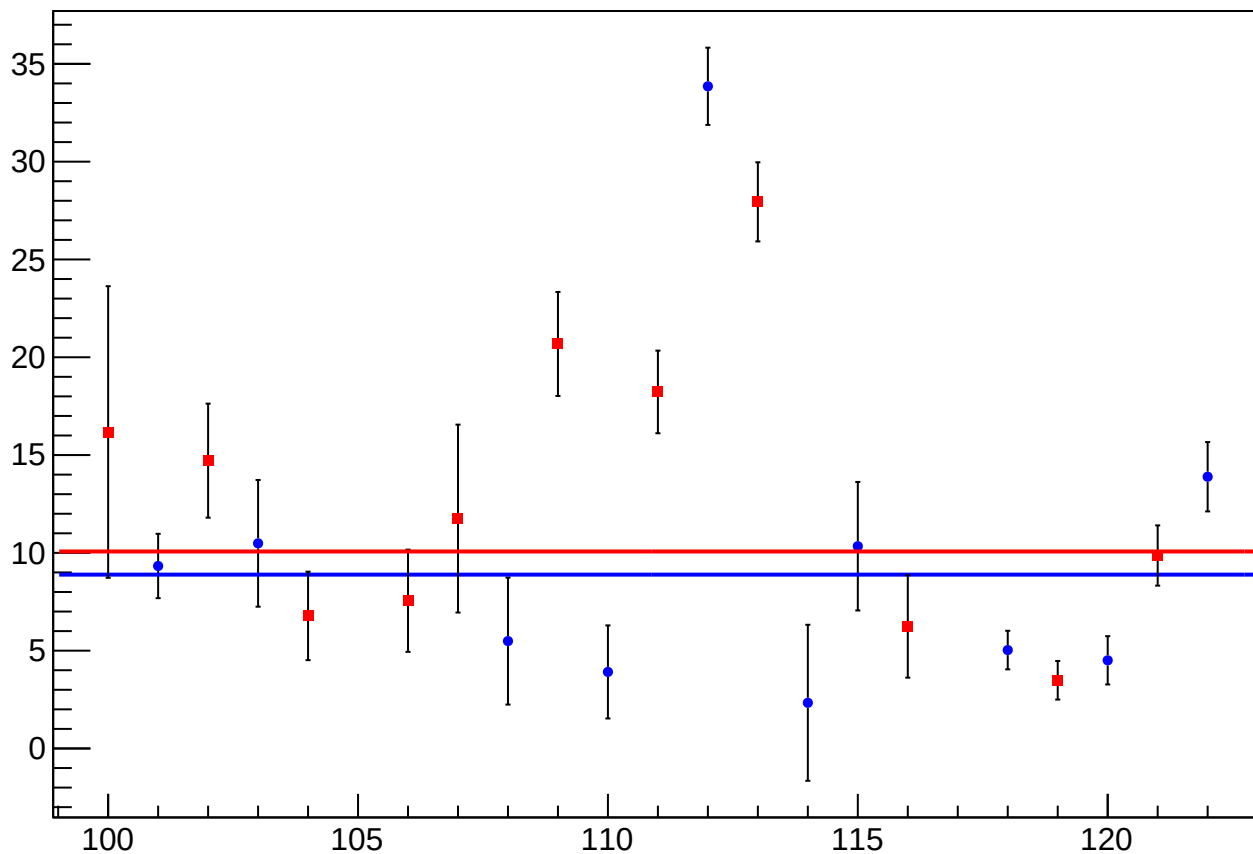
Right: -64.255+/-0.403 χ^2/NDF : 992.1/20

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

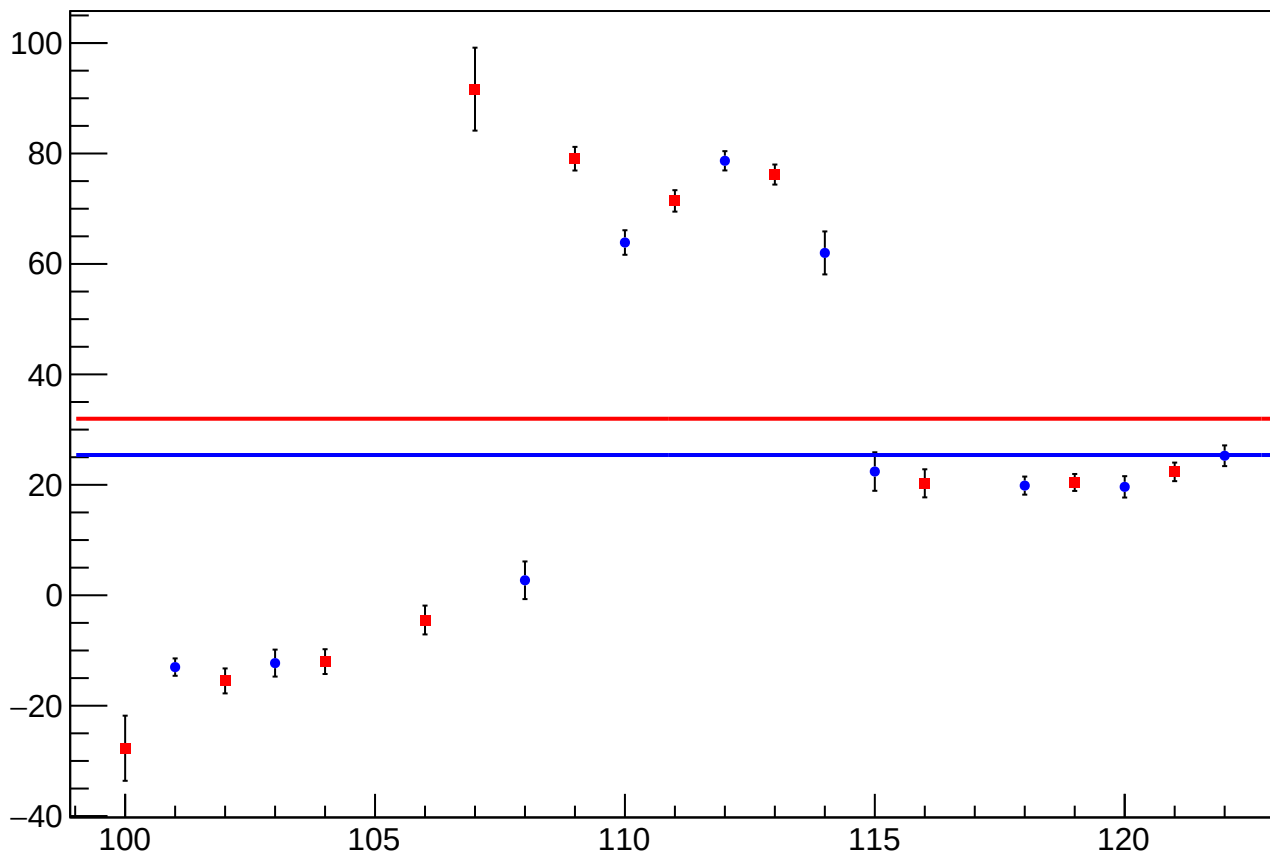
Right: 9.436 $\pm$ 0.413 χ^2 /NDF: 368.5/20

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

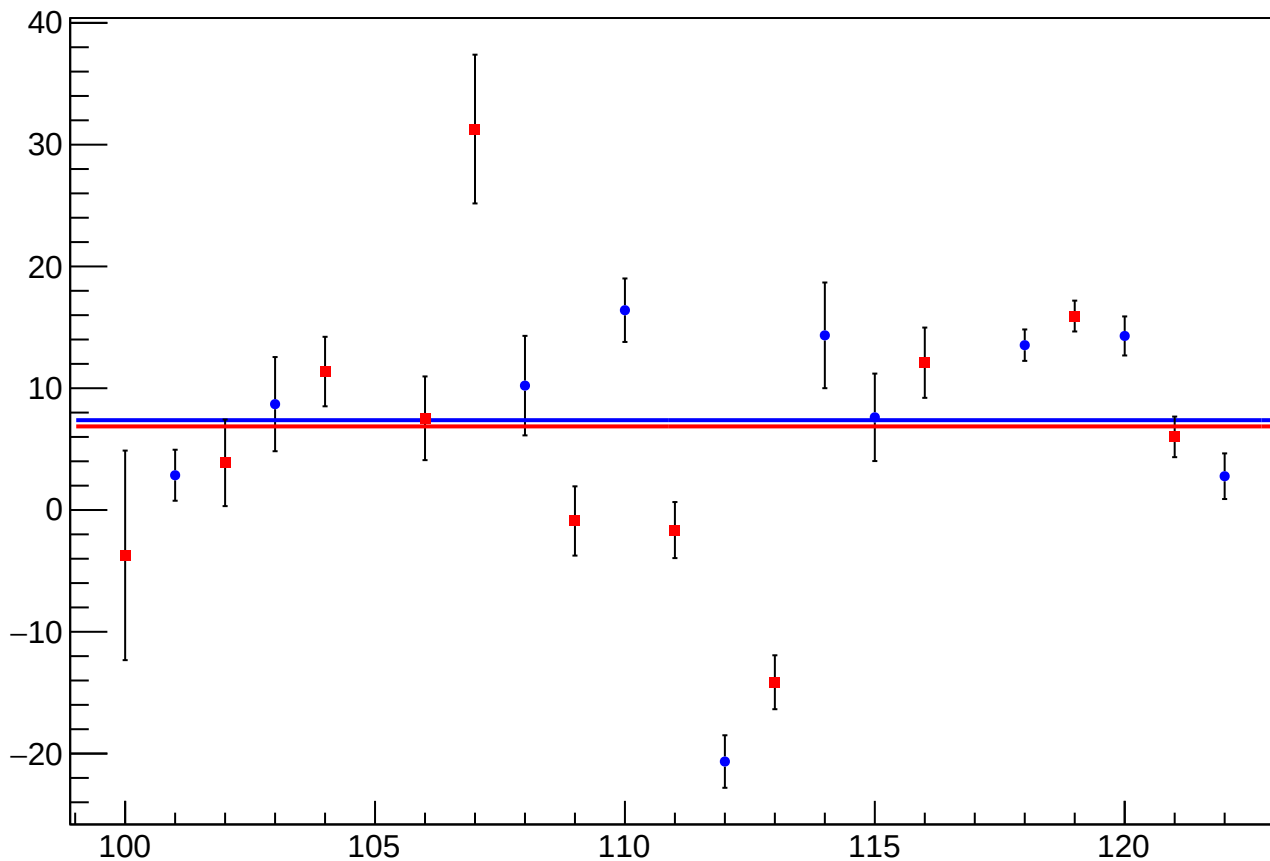
Right: 28.719+/-0.468 χ^2 /NDF: 5053.2/20

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

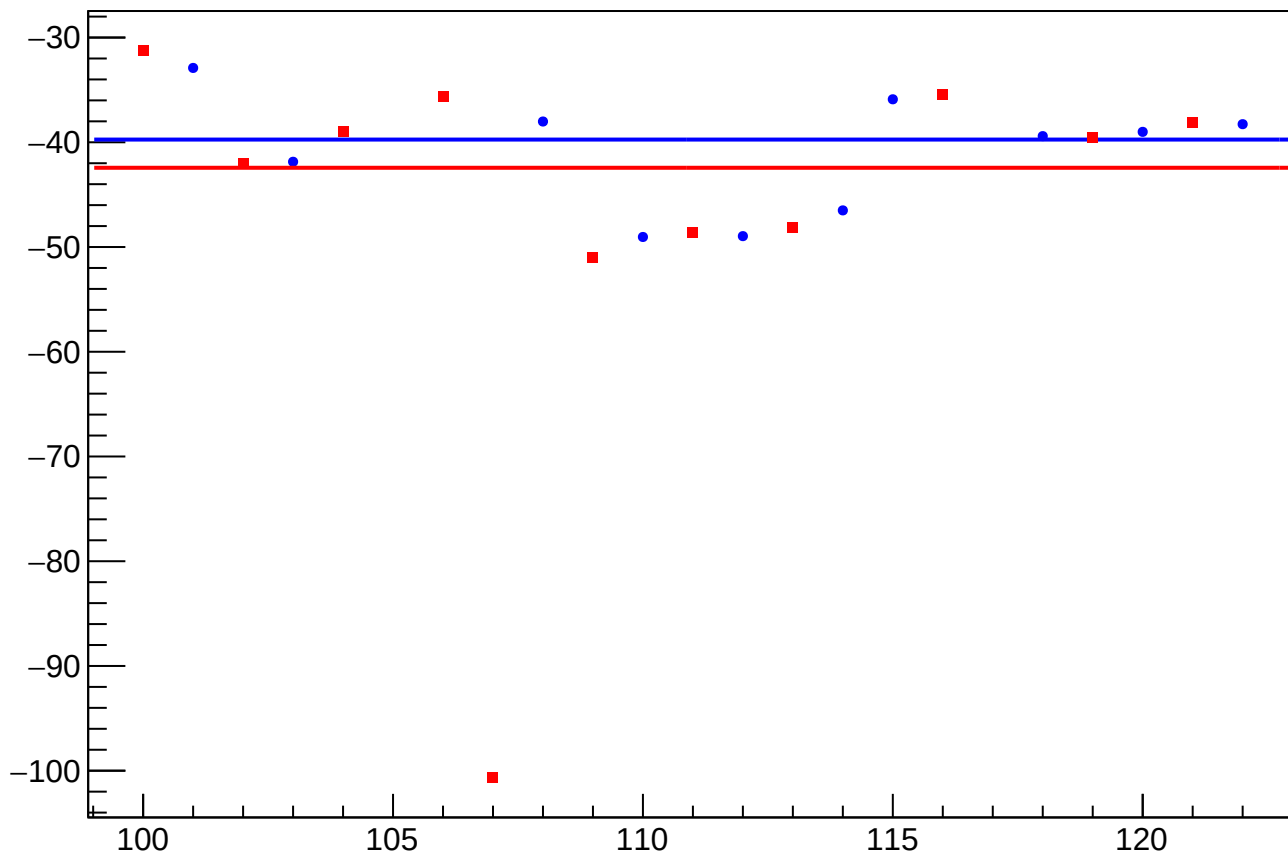
Right: 7.132+/-0.496 χ^2/NDF : 423.2/20

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

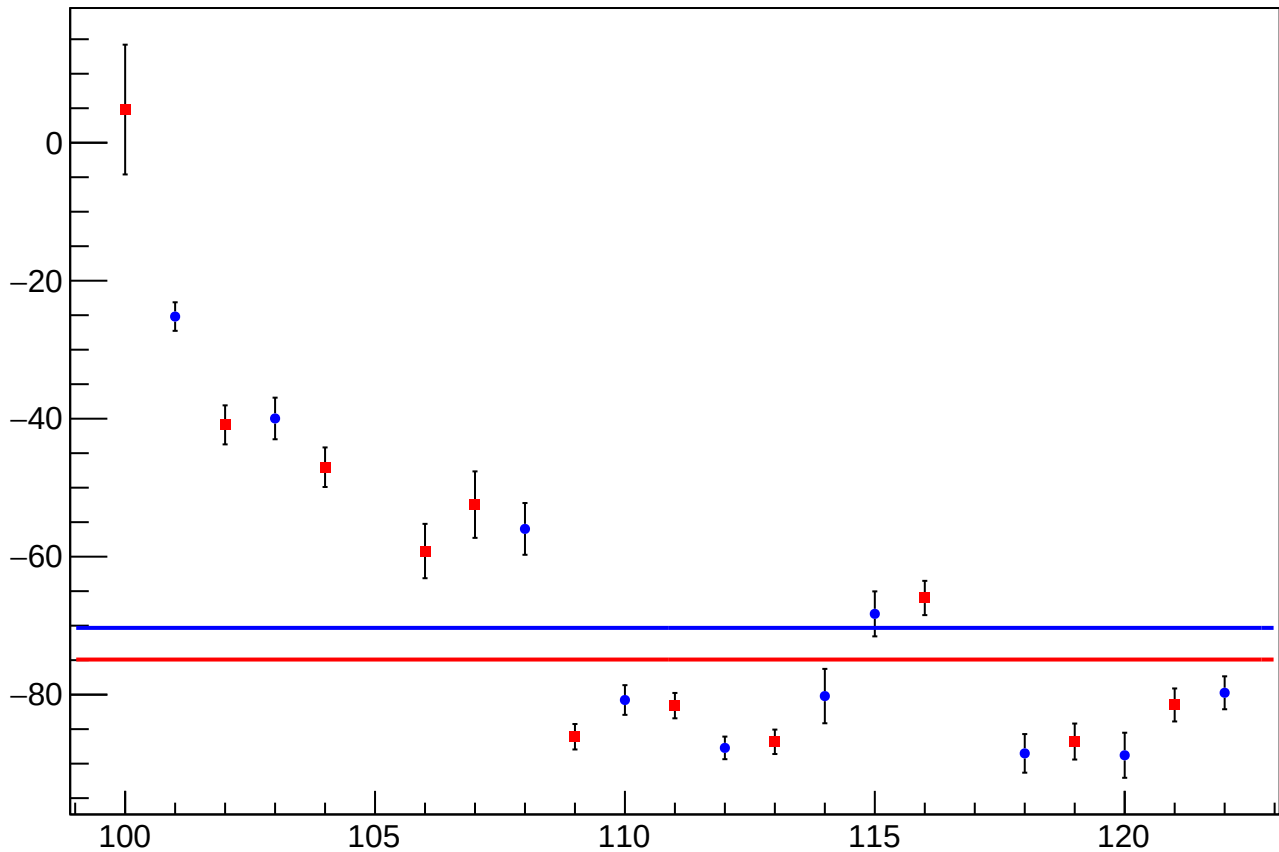
Right: -41.131+/-0.030 χ^2/NDF : 66891.0/20

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: -74.911 ± 0.754 χ^2/NDF : 485.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

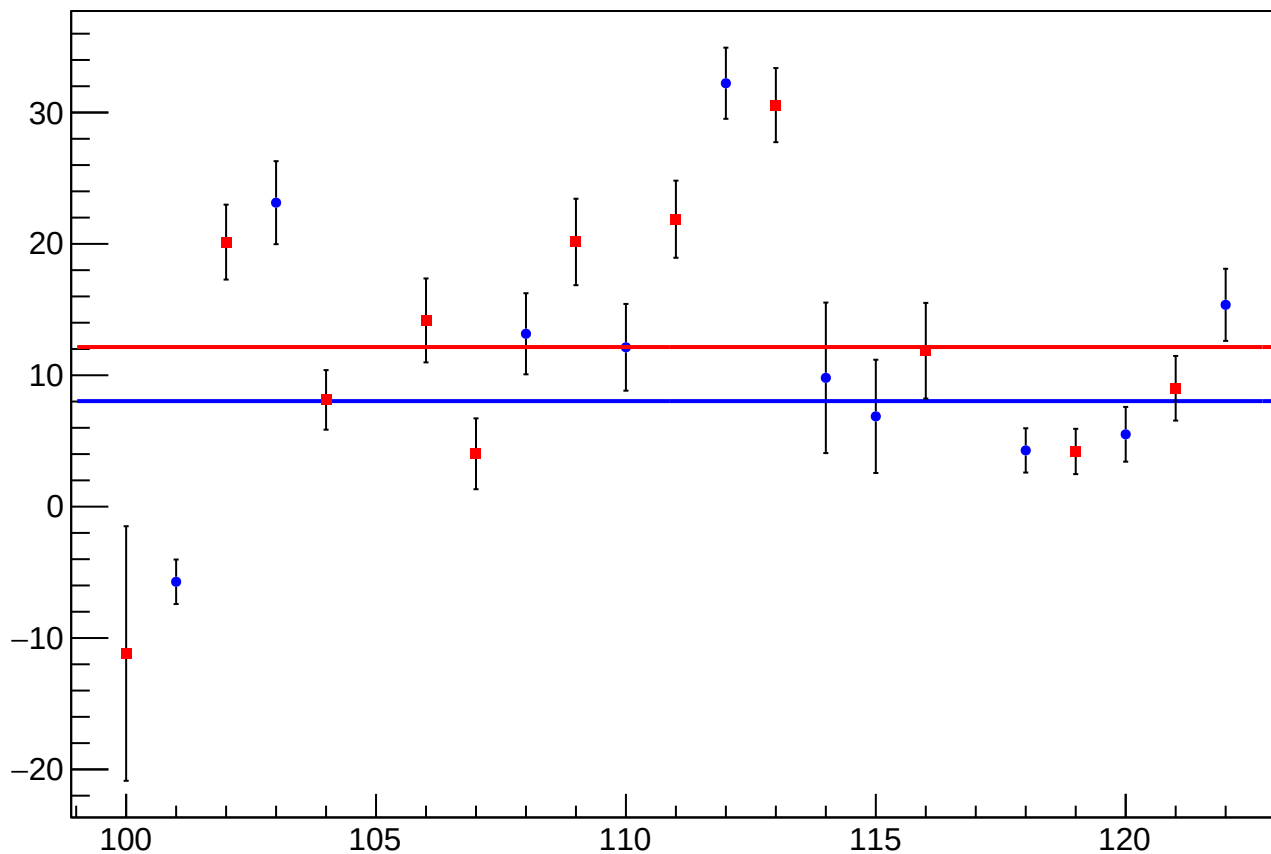
Right: -72.755 ± 0.549 χ^2/NDF : 1327.2/20

In: -70.322 ± 0.801 χ^2/NDF : 824.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.755 ± 0.549 χ^2/NDF : 1327.2/20

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: 12.149+/-0.823 χ^2/NDF : 108.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

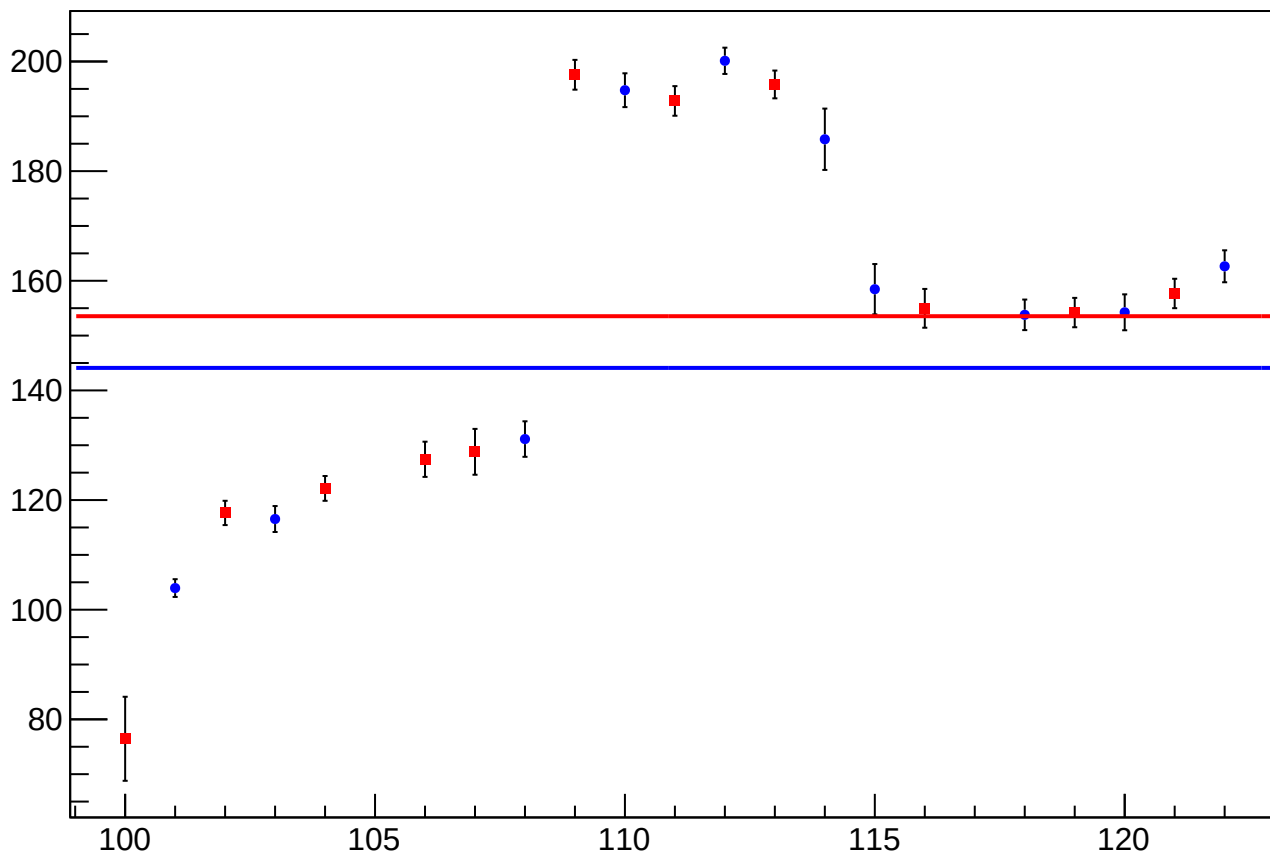
Right: 10.019+/-0.572 χ^2/NDF : 308.2/20

In: 8.033+/-0.795 χ^2/NDF : 186.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.019+/-0.572 χ^2/NDF : 308.2/20

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 144.107 $\pm$ 0.860 χ^2 /NDF: 1709.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.538 $\pm$ 0.858 χ^2 /NDF: 1412.6/10

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

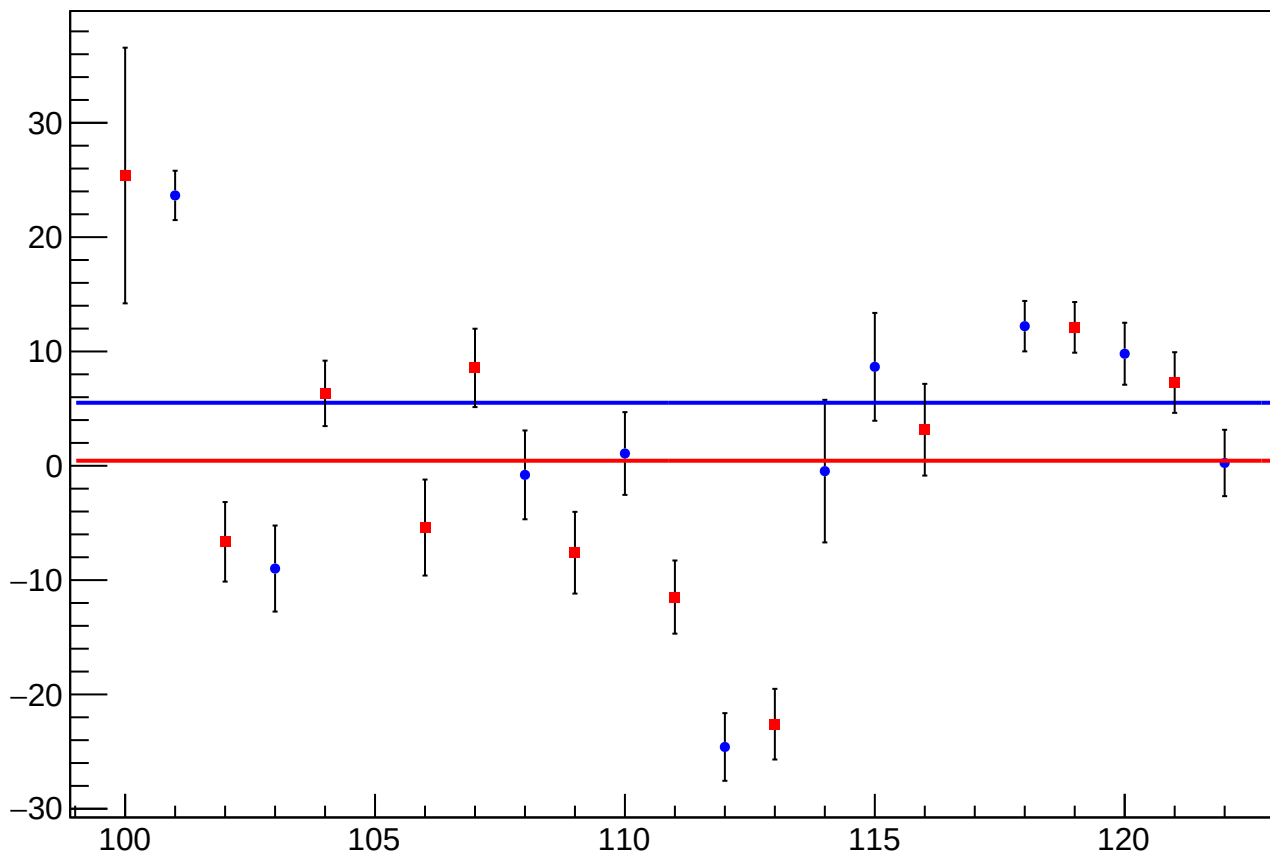
Right: 148.830 $\pm$ 0.607 χ^2 /NDF: 3182.7/20

In: 144.107 $\pm$ 0.860 χ^2 /NDF:1709.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 148.830 $\pm$ 0.607 χ^2 /NDF: 3182.7/20

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: 0.444+/-0.979 χ^2/NDF : 130.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

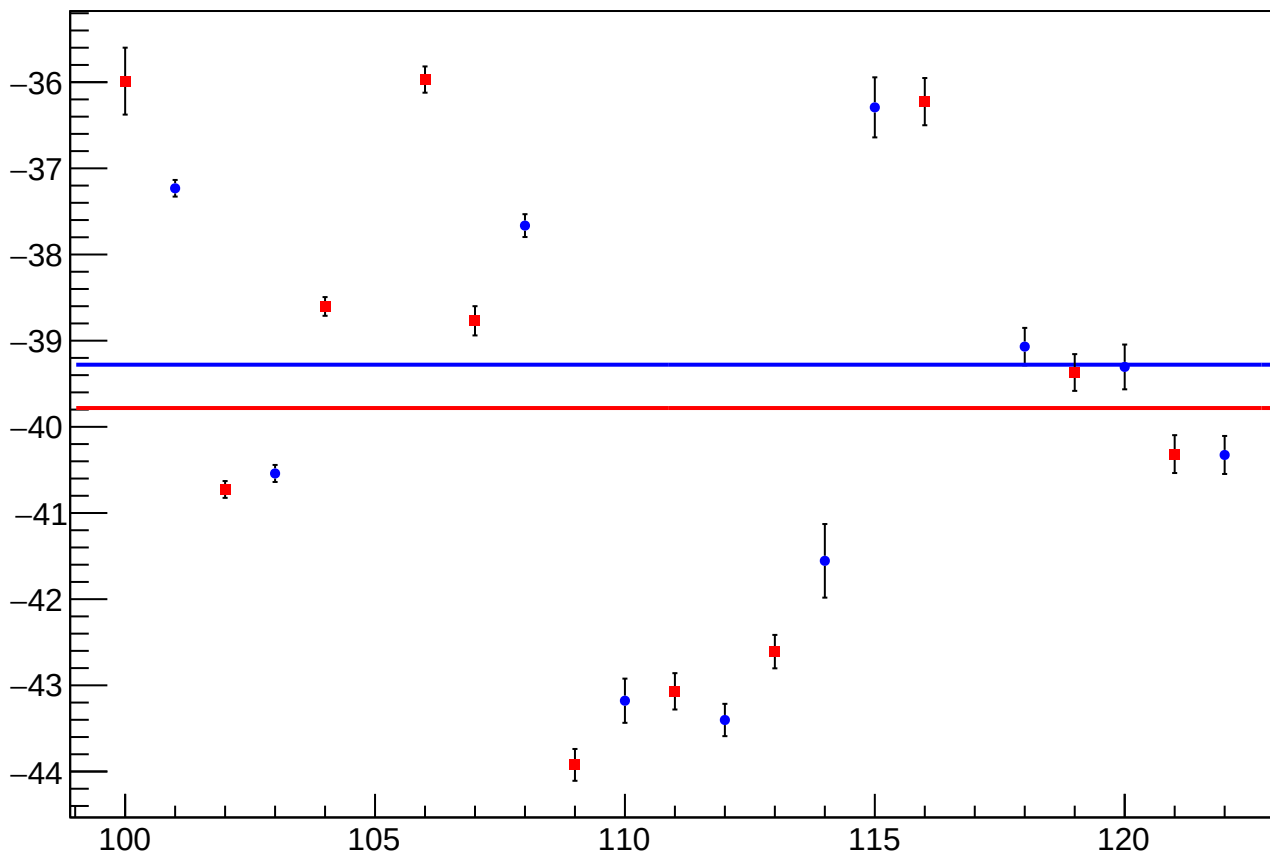
Right: 3.015+/-0.687 χ^2/NDF : 353.5/20

In: 5.513+/-0.965 χ^2/NDF : 209.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.015+/-0.687 χ^2/NDF : 353.5/20

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.279 ± 0.051 χ^2/NDF : 1600.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.782 ± 0.049 χ^2/NDF : 2104.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

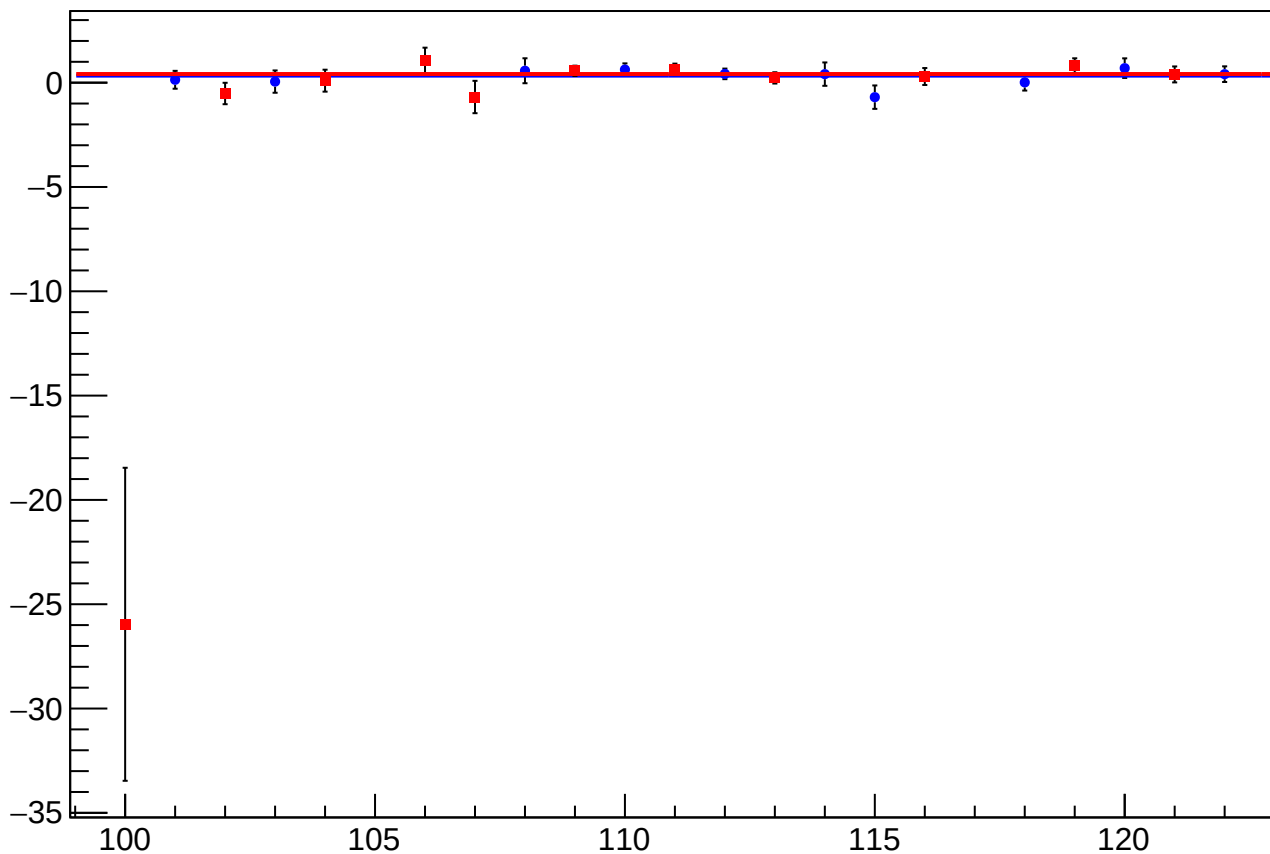
Right: -39.539 ± 0.036 χ^2/NDF : 3755.3/20

In: -39.279 ± 0.051 χ^2/NDF : 1600.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.539 ± 0.036 χ^2/NDF : 3755.3/20

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

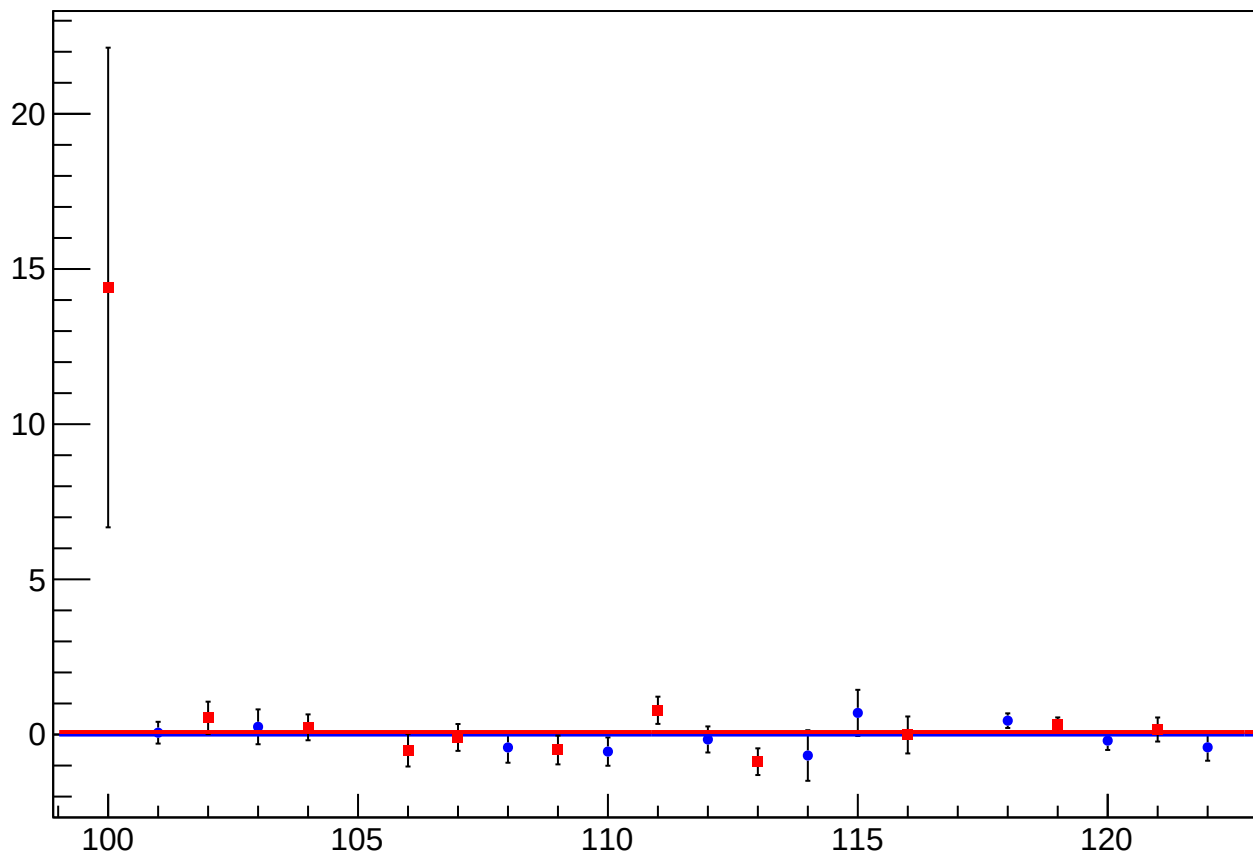
Right: 0.380+/-0.085 χ^2/NDF : 28.6/20

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

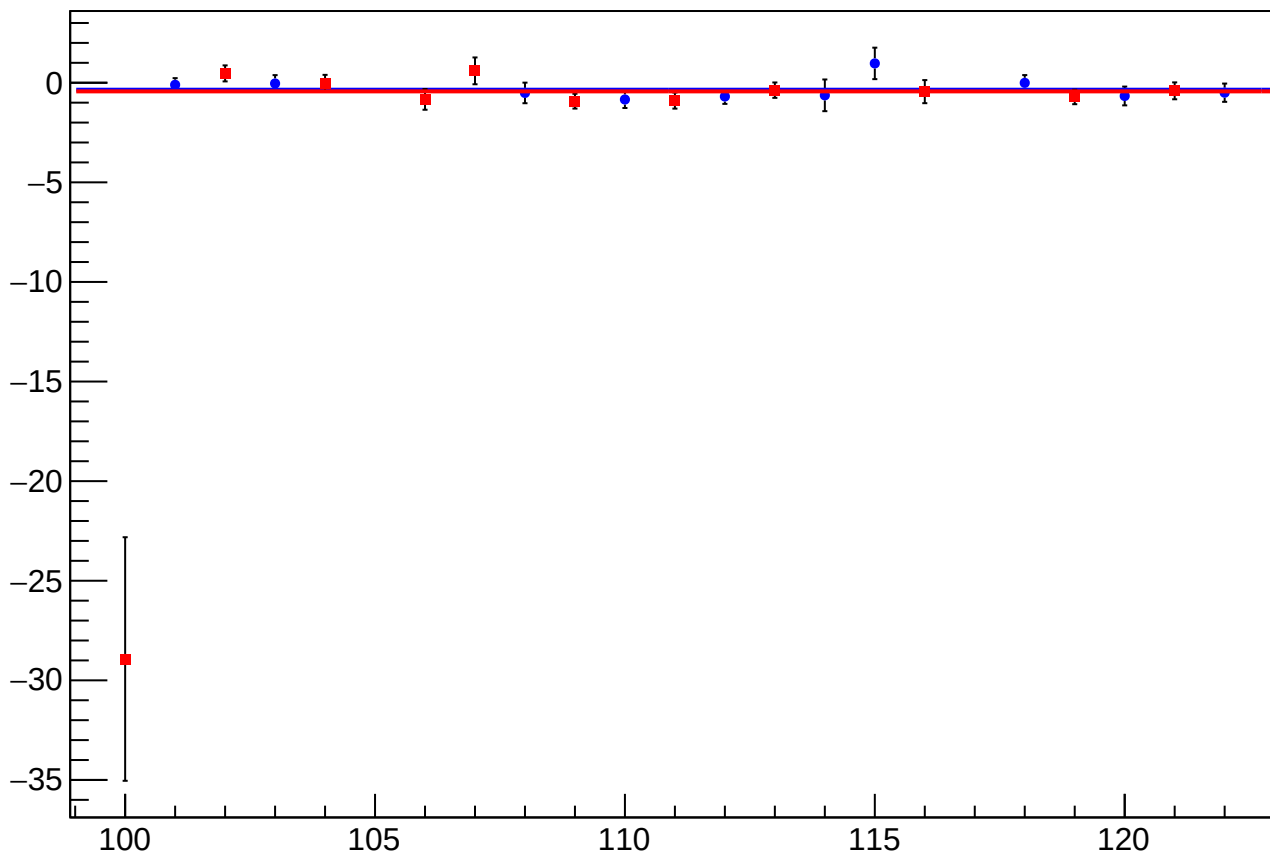
Right: 0.039+/-0.090 χ^2 /NDF: 25.1/20

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

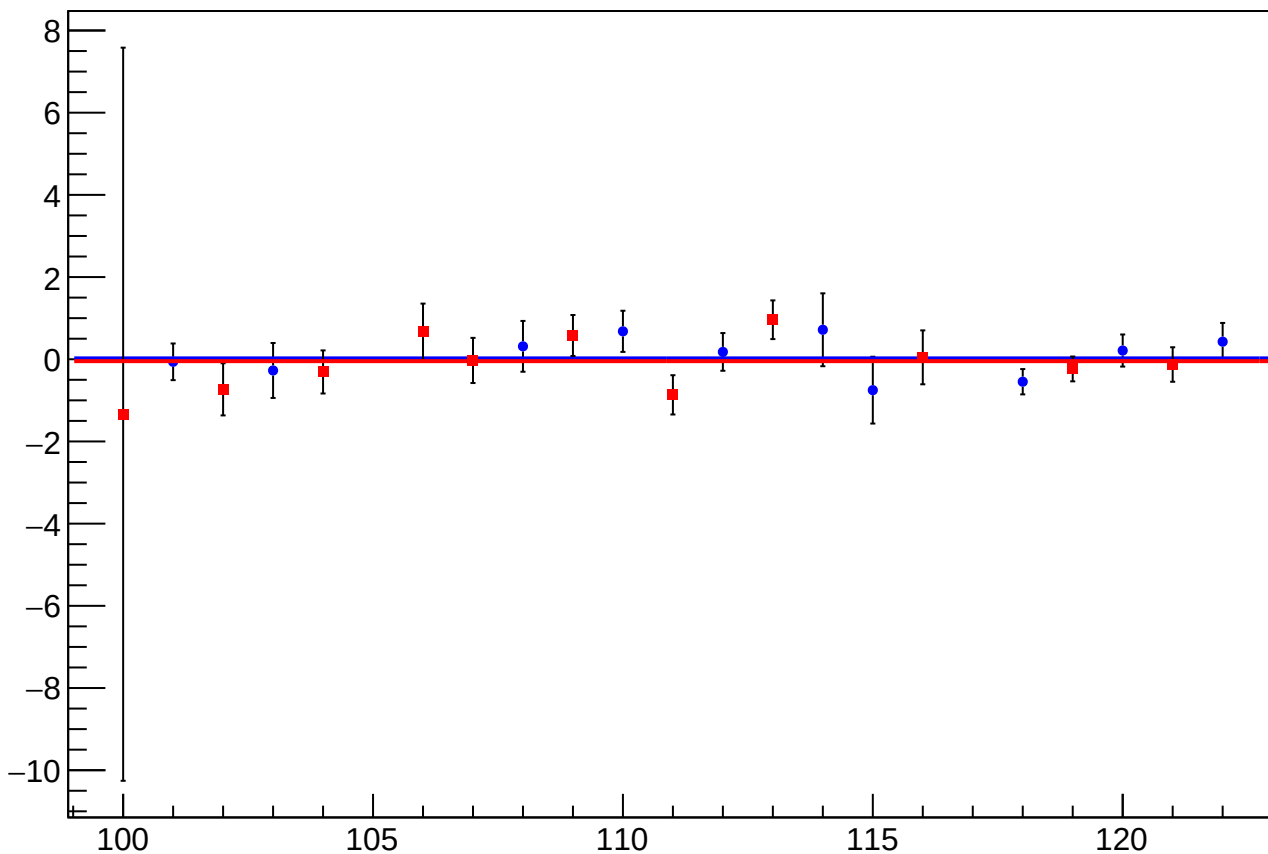
Right: -0.393+/-0.098 χ^2/NDF : 42.2/20

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

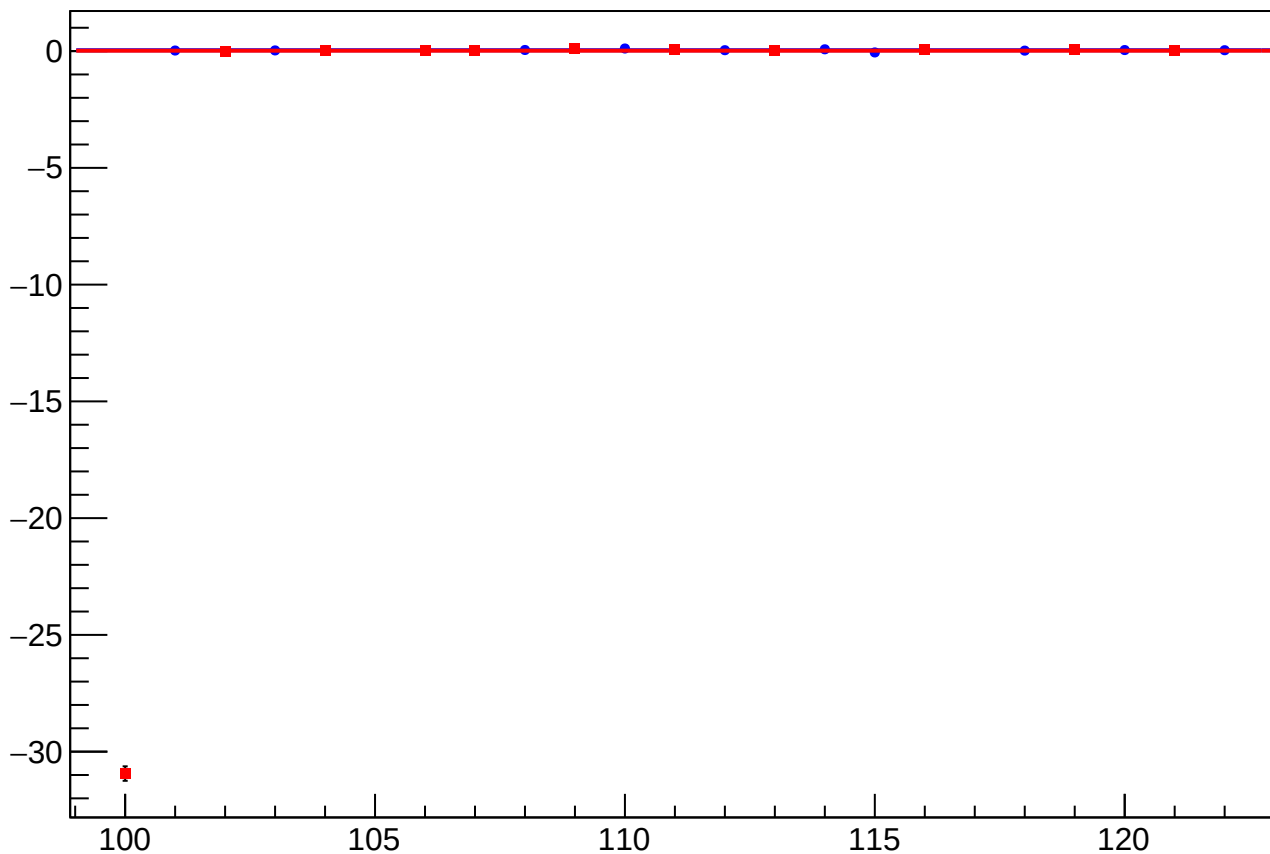
Right: -0.012+/-0.107 χ^2/NDF : 20.4/20

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+/-0.009 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.008 χ^2/NDF : 10009.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

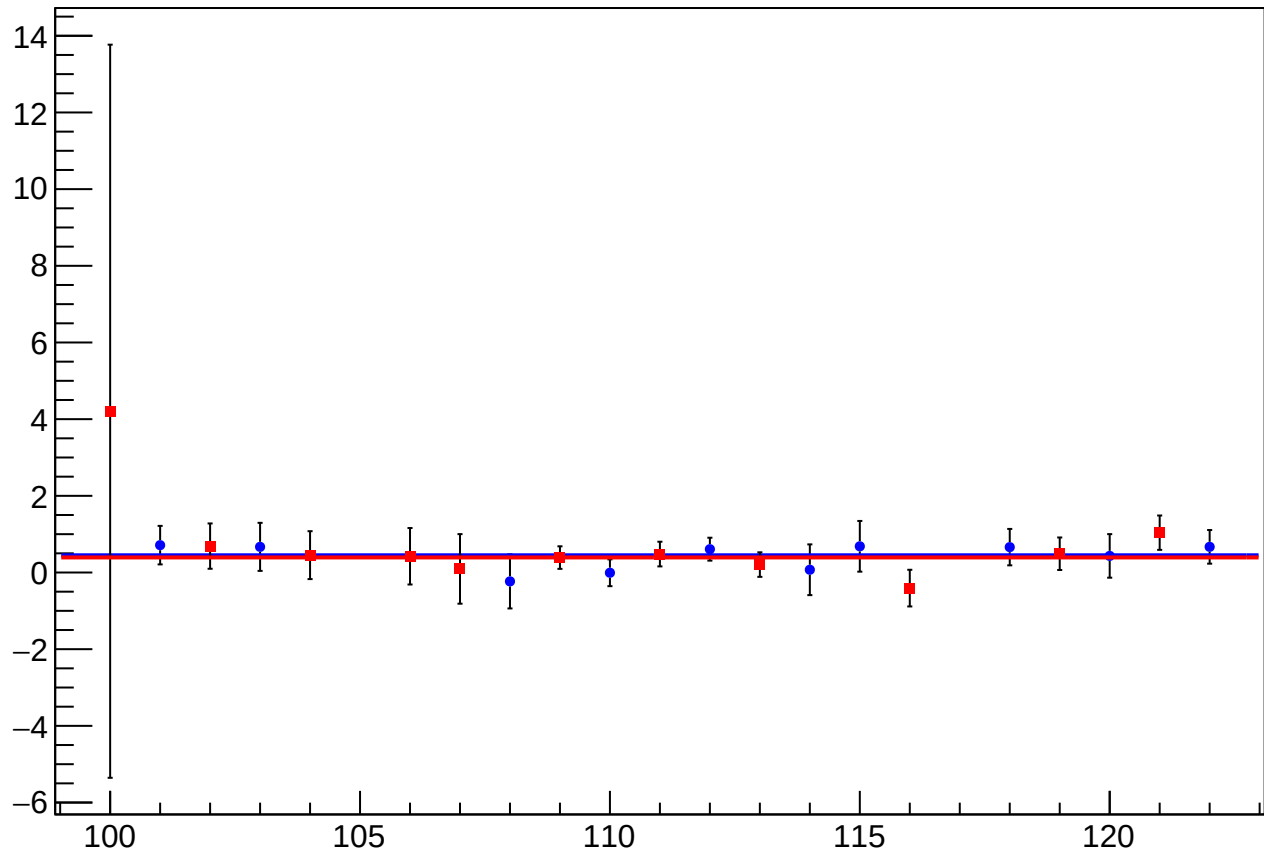
Right: 0.027+/-0.006 χ^2/NDF : 10020.1/20

In: 0.038+/-0.009 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.006 χ^2/NDF : 10020.1/20

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.449 $\pm$ 0.149 χ^2 /NDF: 4.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.393 $\pm$ 0.136 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

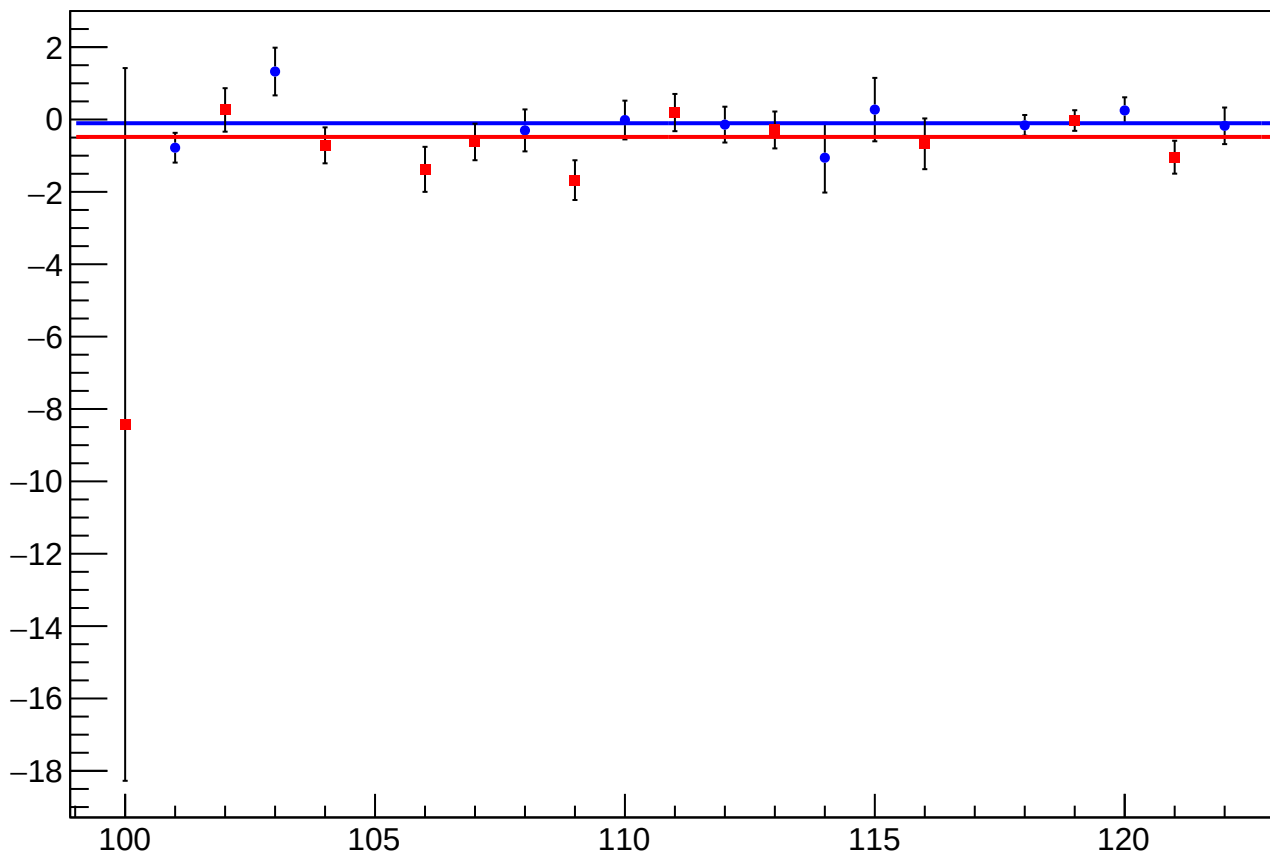
Right: 0.418 $\pm$ 0.100 χ^2 /NDF: 10.2/20

In: 0.449 $\pm$ 0.149 χ^2 /NDF:4.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.418 $\pm$ 0.100 χ^2 /NDF: 10.2/20

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: -0.482 ± 0.152 χ^2/NDF : 15.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

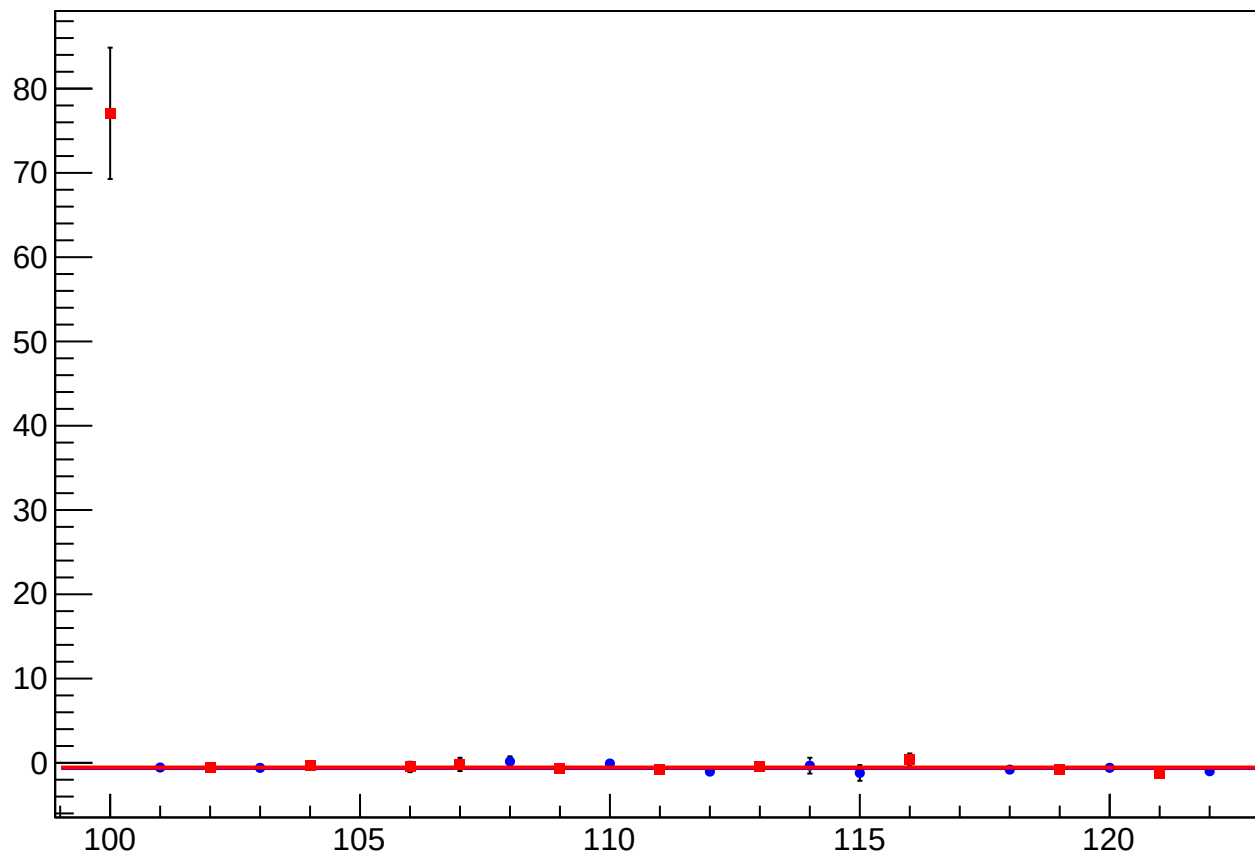
Right: -0.290 ± 0.106 χ^2/NDF : 28.2/20

In: -0.103 ± 0.149 χ^2/NDF : 9.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.290 ± 0.106 χ^2/NDF : 28.2/20

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.614 ± 0.167 $\chi^2/\text{NDF}: 4.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.555 ± 0.160 $\chi^2/\text{NDF}: 104.4/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

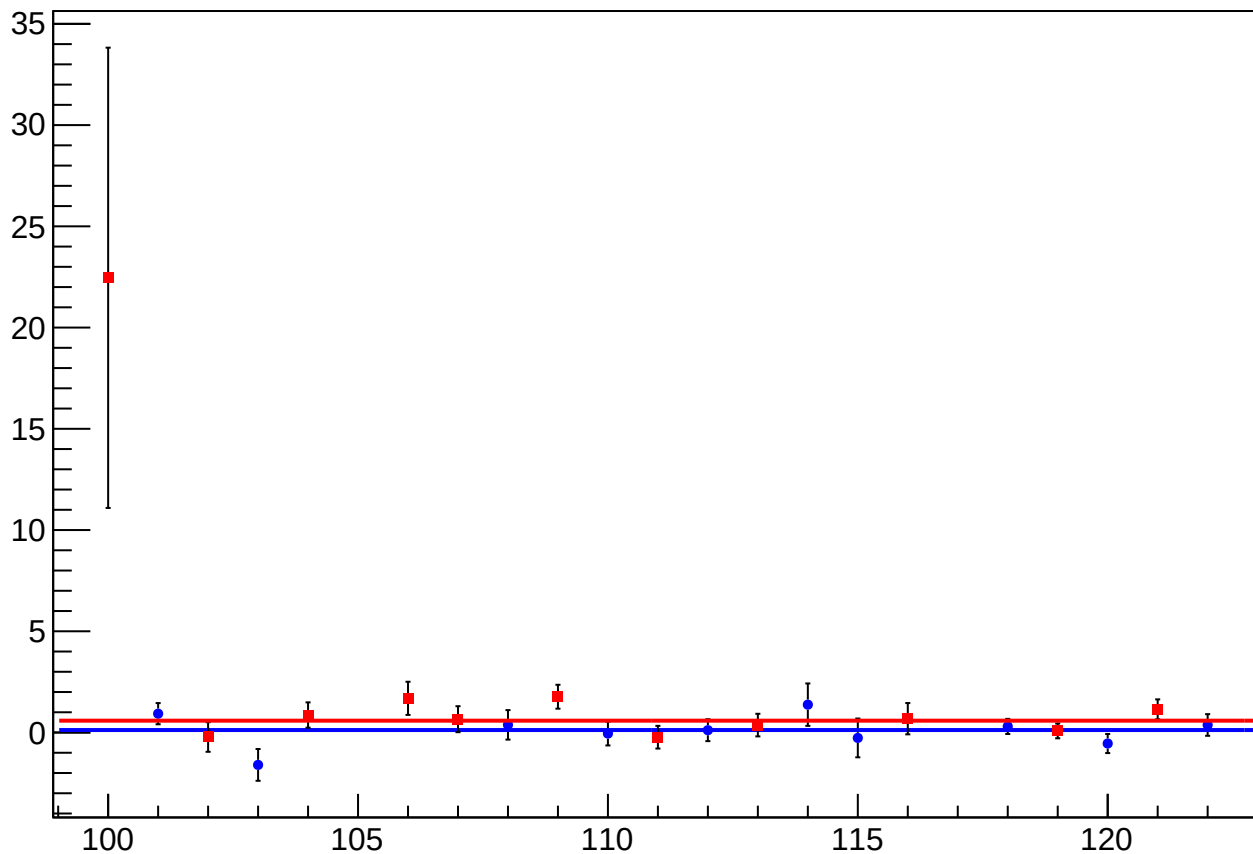
Right: -0.583 ± 0.116 $\chi^2/\text{NDF}: 109.3/20$

In: -0.614 ± 0.167 $\chi^2/\text{NDF}: 4.9/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.583 ± 0.116 $\chi^2/\text{NDF}: 109.3/20$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.122+/-0.181 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.585+/-0.180 χ^2/NDF : 16.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

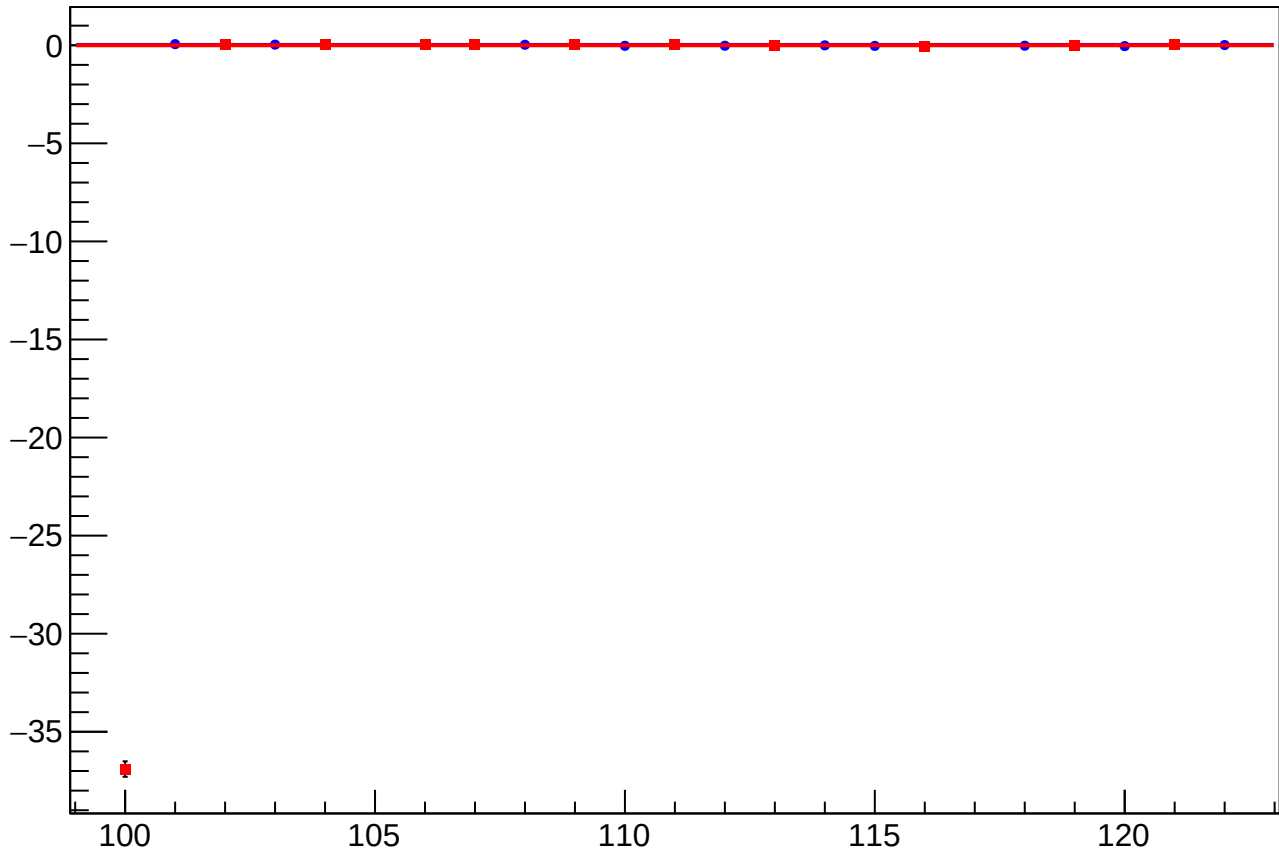
Right: 0.354+/-0.127 χ^2/NDF : 31.2/20

In: 0.122+/-0.181 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.354+/-0.127 χ^2/NDF : 31.2/20

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: -0.000+/-0.010 χ^2/NDF : 8745.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

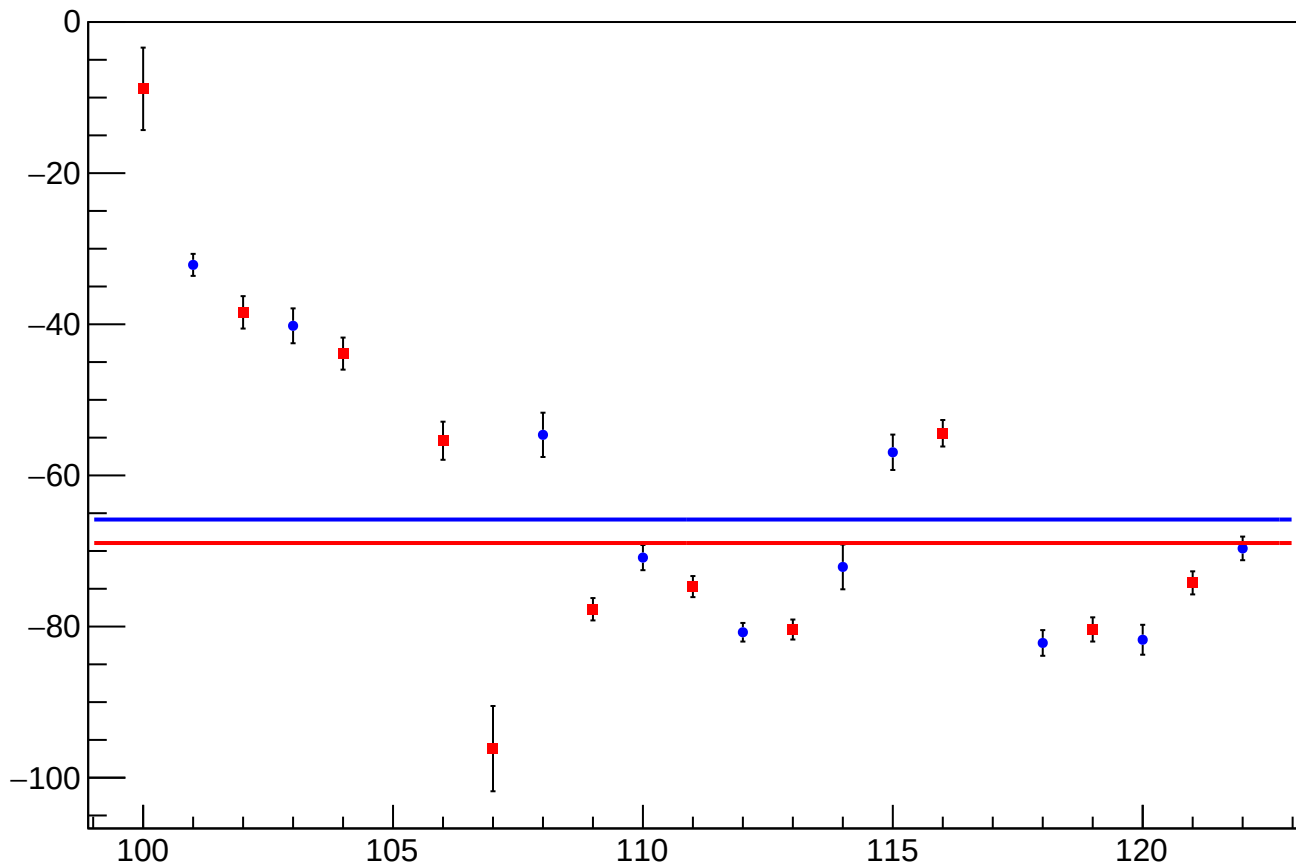
Right: 0.008+/-0.007 χ^2/NDF : 8756.5/20

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 : 8756.5/20

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

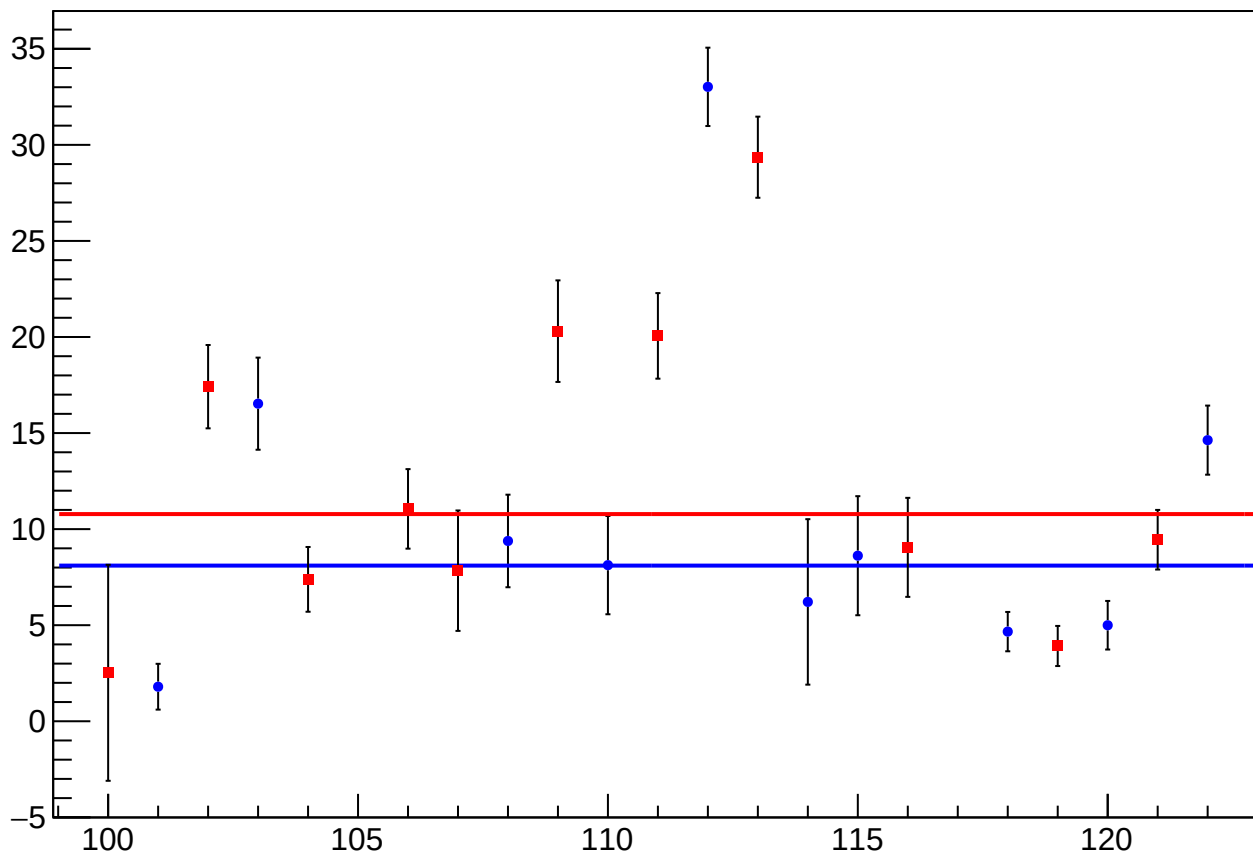
Right: -67.451 ± 0.394 χ^2/NDF : 1800.3/20

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

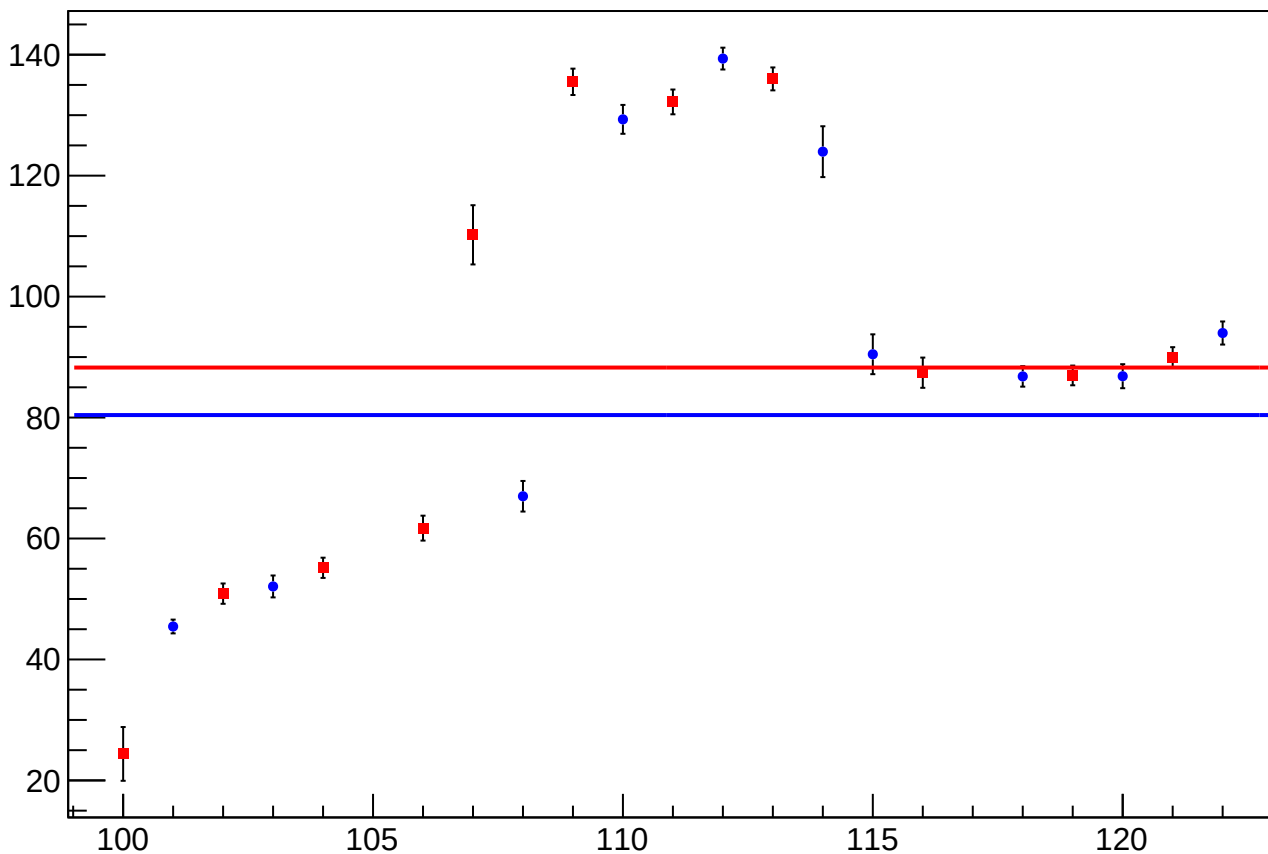
Right: 9.338+/-0.393 χ^2/NDF : 400.9/20

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

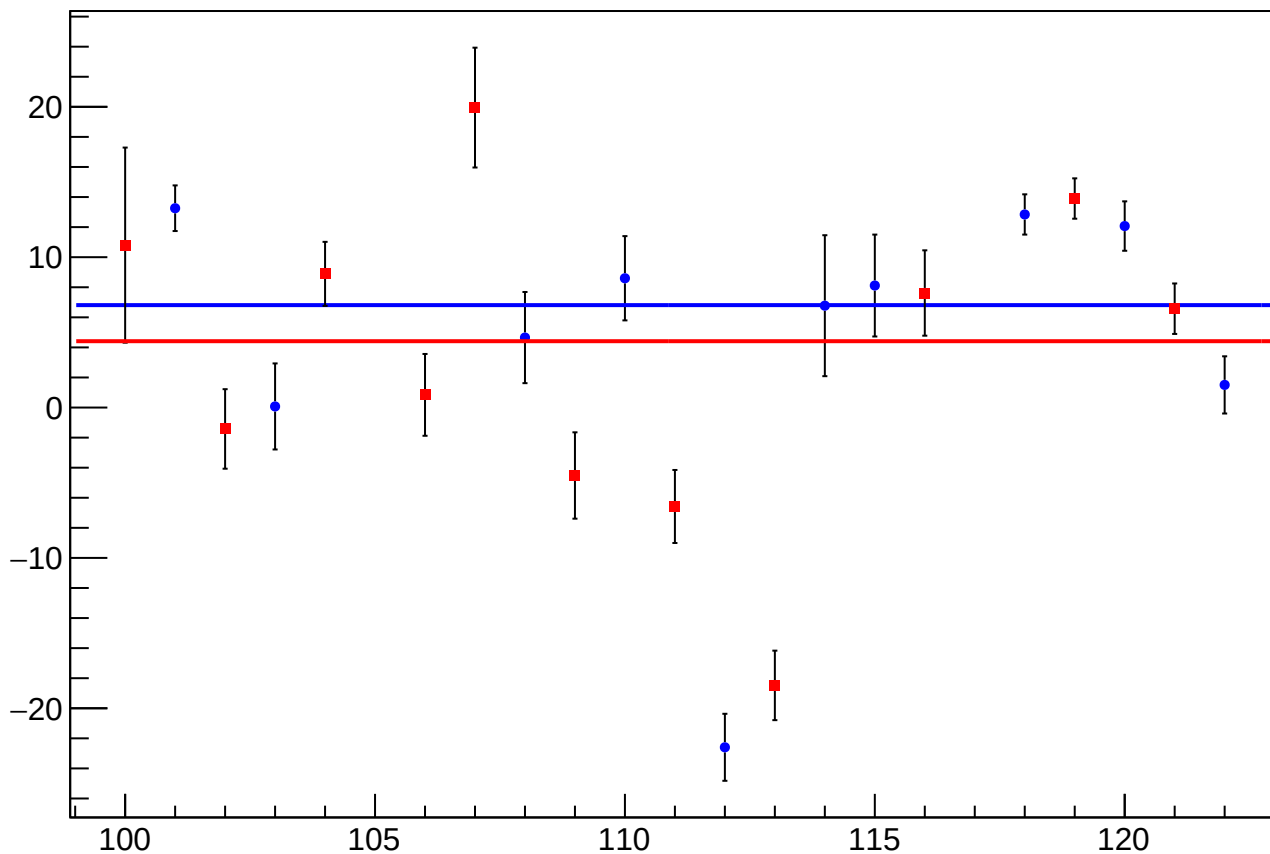
Right: 84.275+/-0.431 χ^2/NDF : 5819.1/20

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

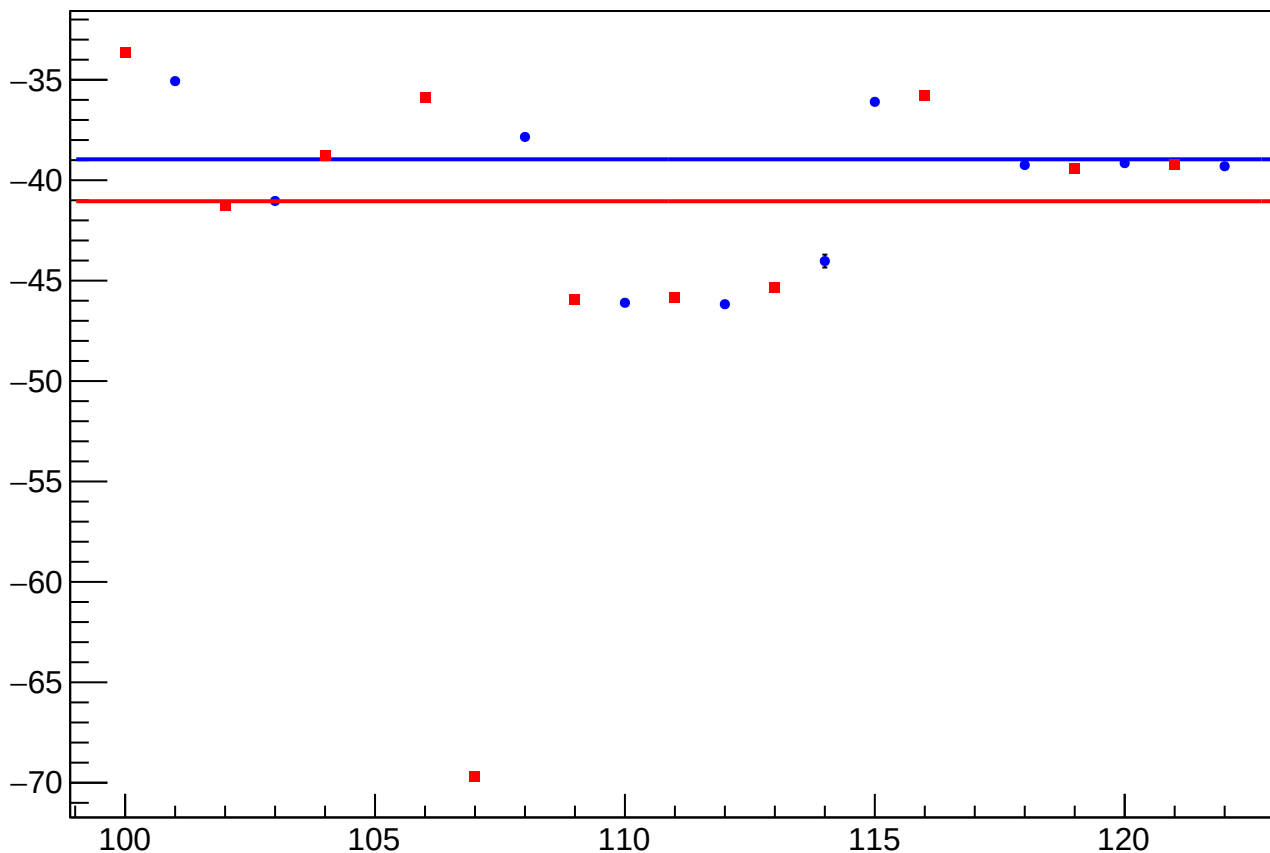
Right: 5.676+/-0.475 χ^2/NDF : 451.9/20

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+/-0.037 χ^2/NDF : 8448.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -41.046+/-0.036 χ^2/NDF : 29393.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

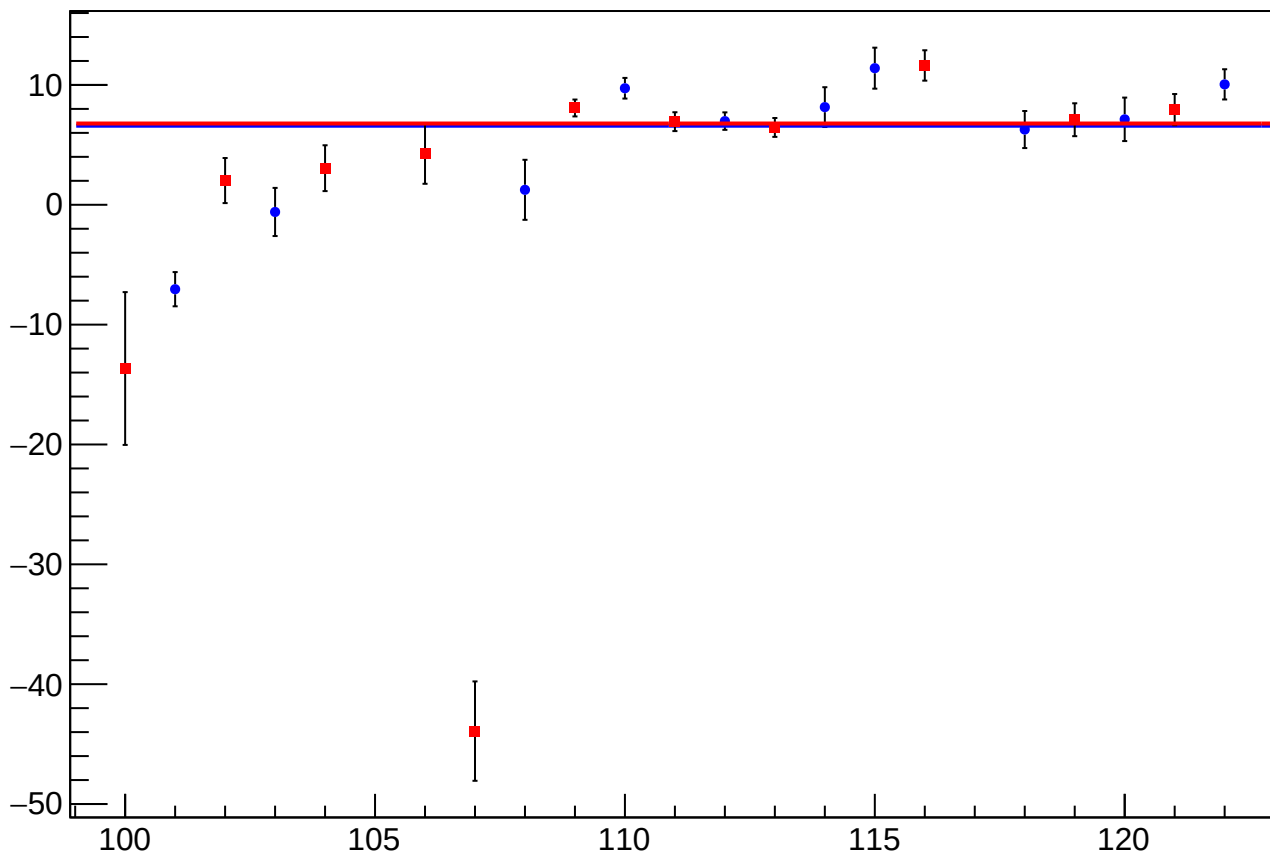
Right: -40.021+/-0.026 χ^2/NDF : 39460.8/20

In: -38.959+/-0.037 χ^2/NDF :8448.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -40.021+/-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

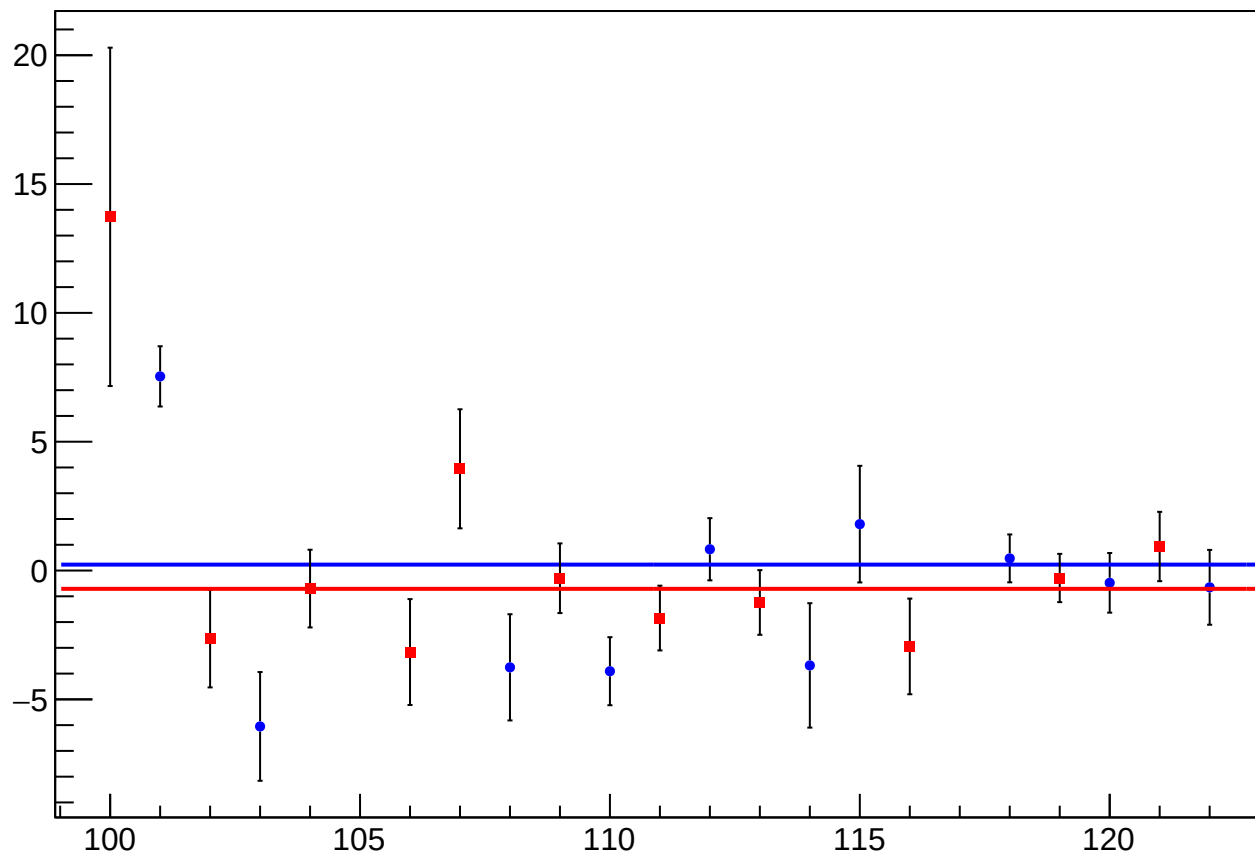
Right: 6.700+/-0.268 χ^2/NDF : 328.6/20

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

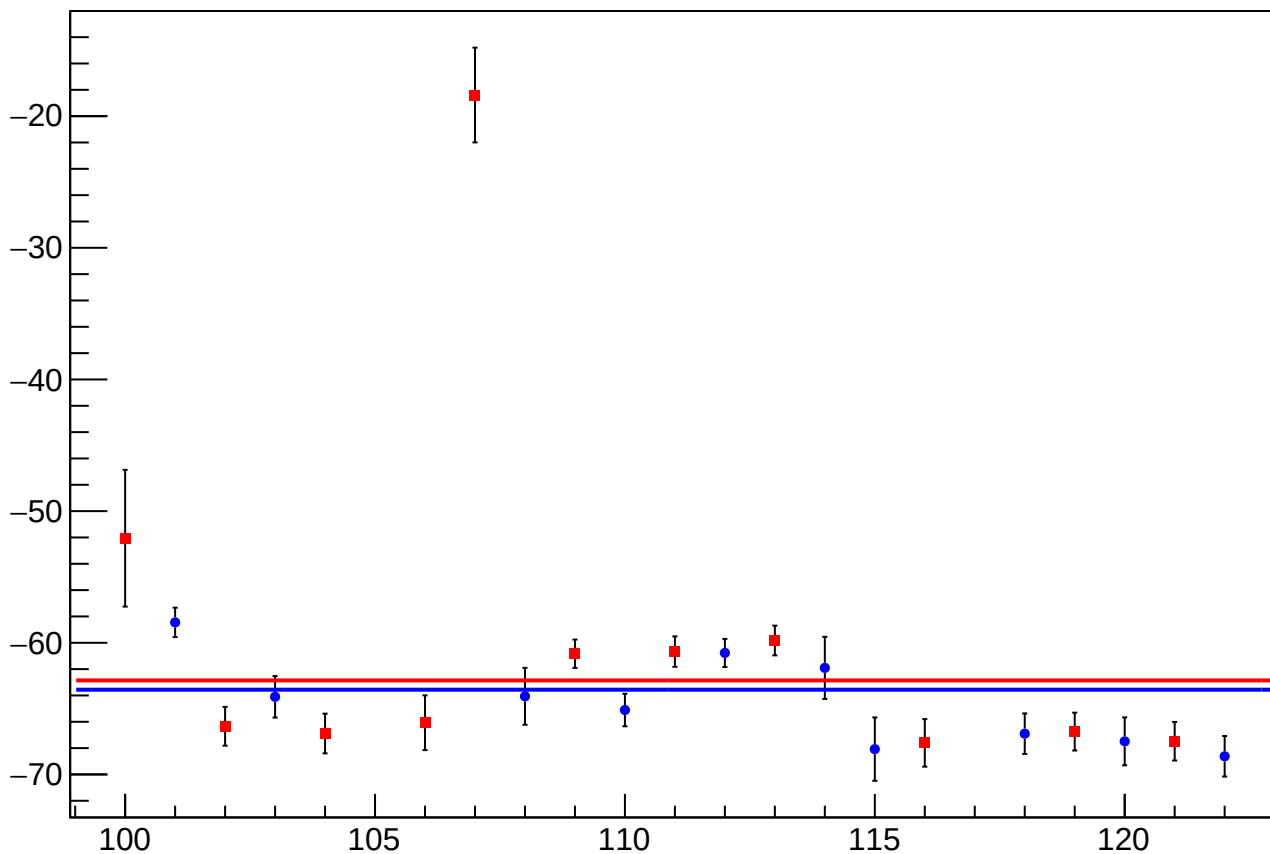
Right: -0.229+/-0.314 χ^2/NDF : 83.5/20

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

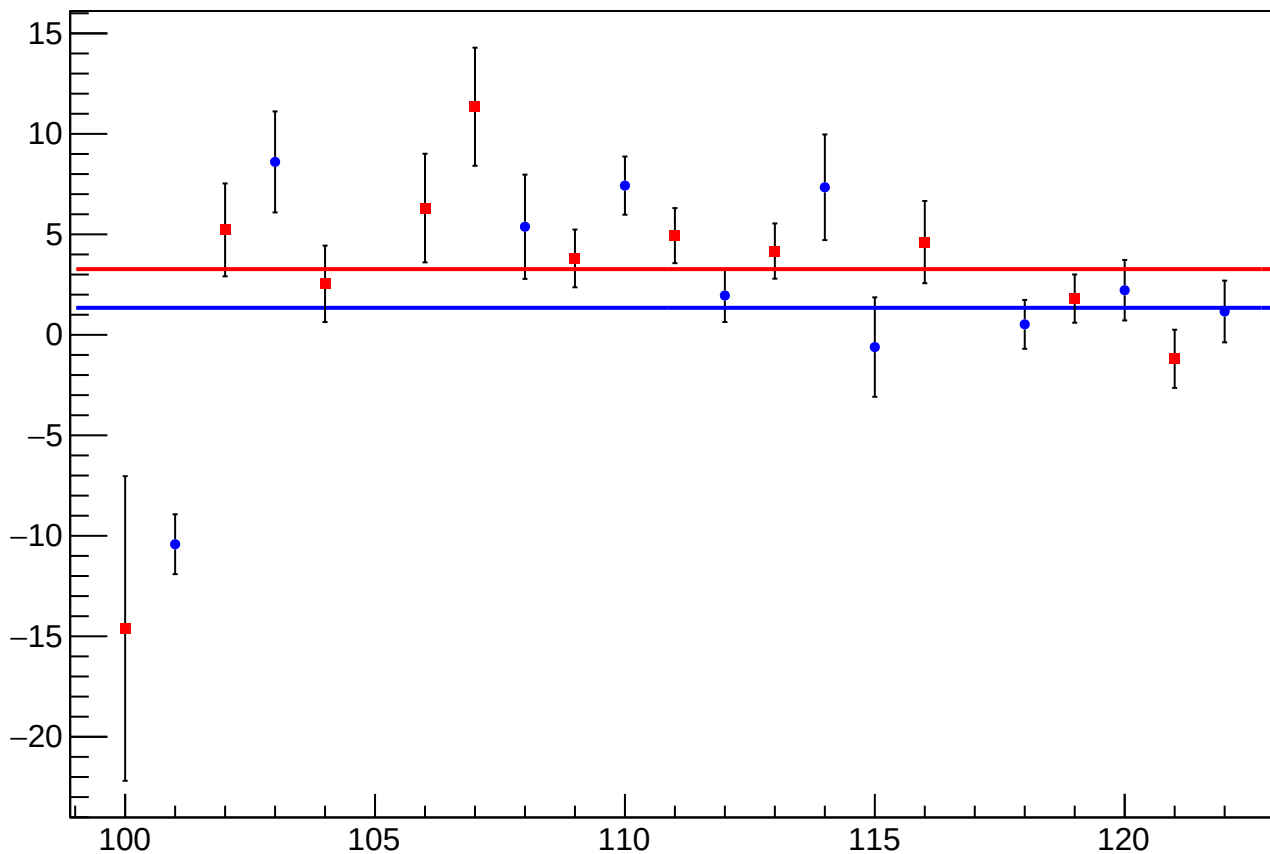
Right: -63.194+/-0.327 χ^2/NDF : 265.6/20

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 $\pm$ 0.523 χ^2 /NDF: 97.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.270 $\pm$ 0.520 χ^2 /NDF: 28.7/10

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

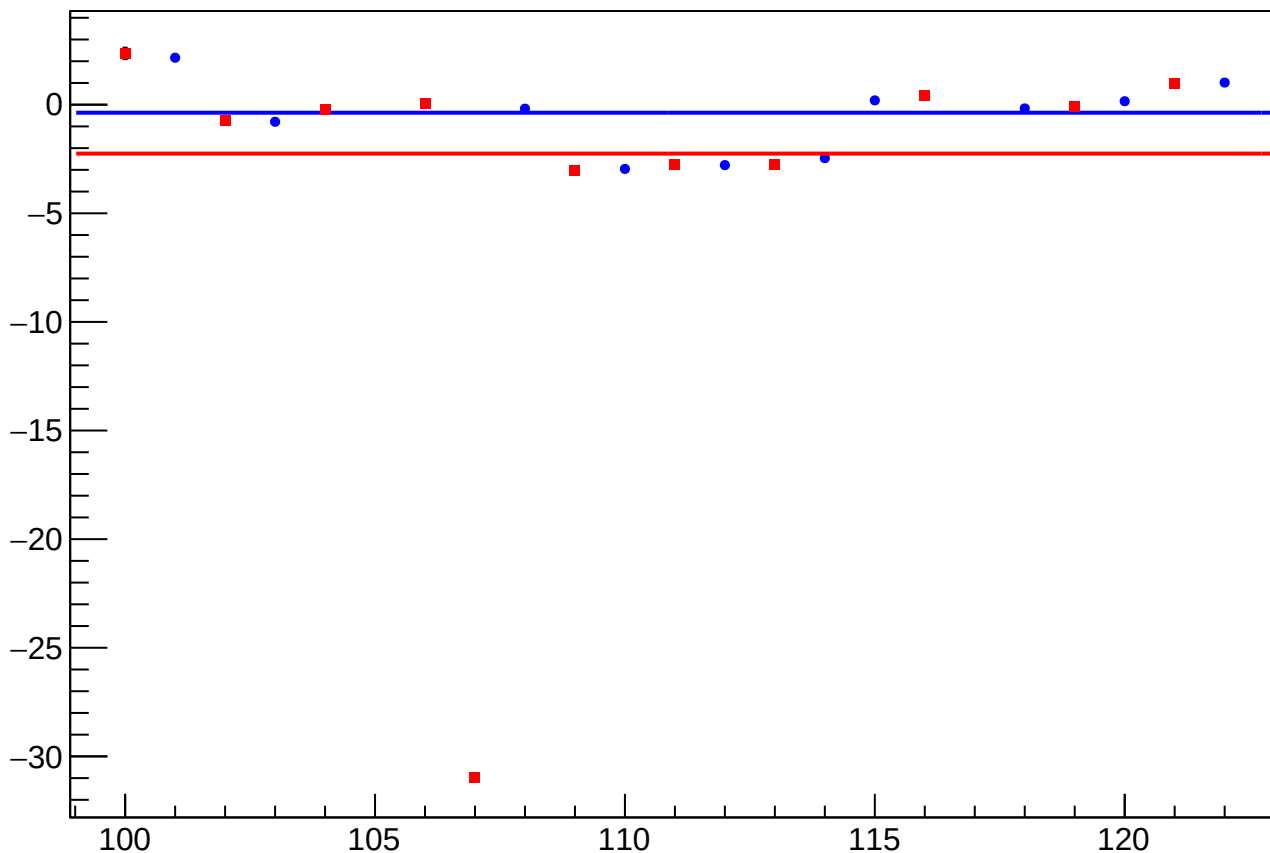
Right: 2.311 $\pm$ 0.369 χ^2 /NDF: 133.2/20

In: 1.345 $\pm$ 0.523 χ^2 /NDF:97.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.311 $\pm$ 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

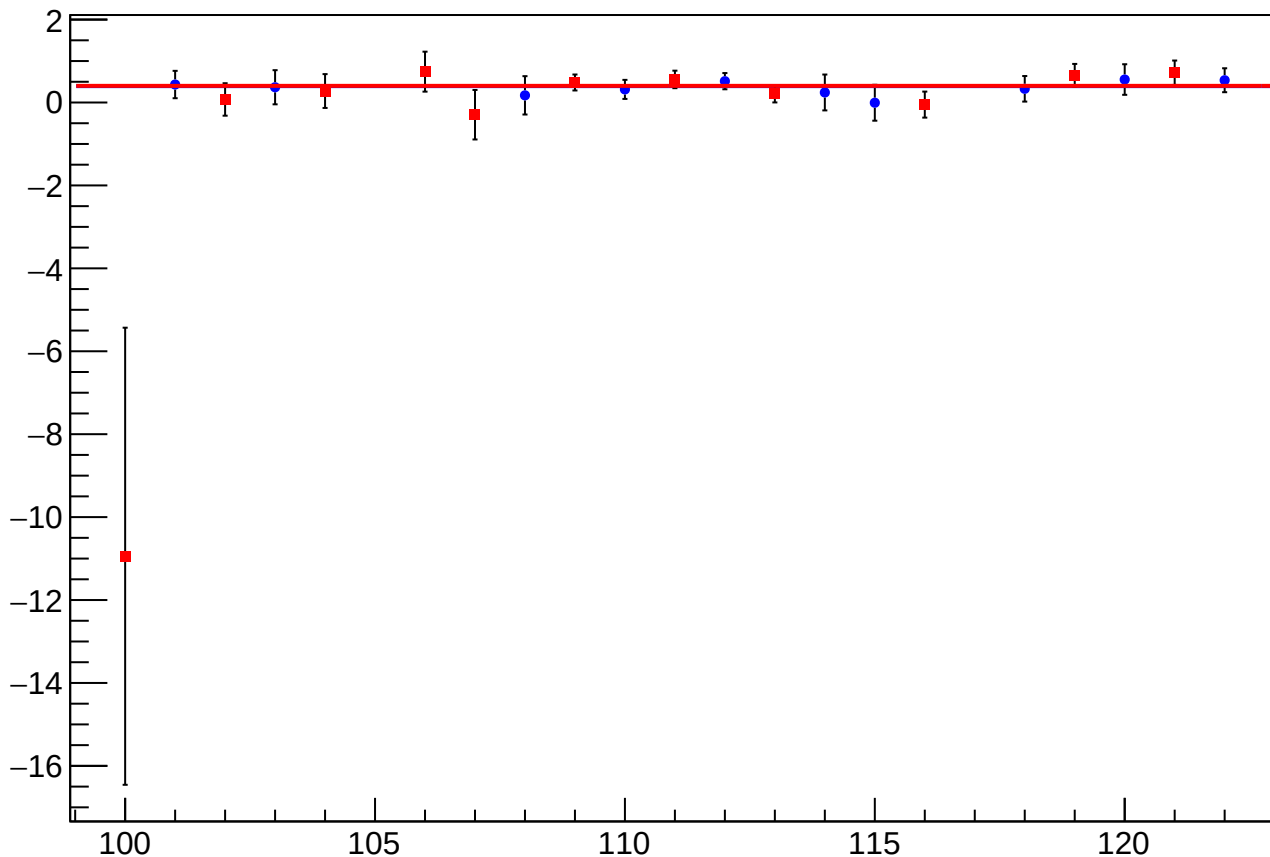
Right: -1.363 ± 0.021 χ^2/NDF : 47706.2/20

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+/-0.097 χ^2/NDF : 2.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.402+/-0.089 χ^2/NDF : 12.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

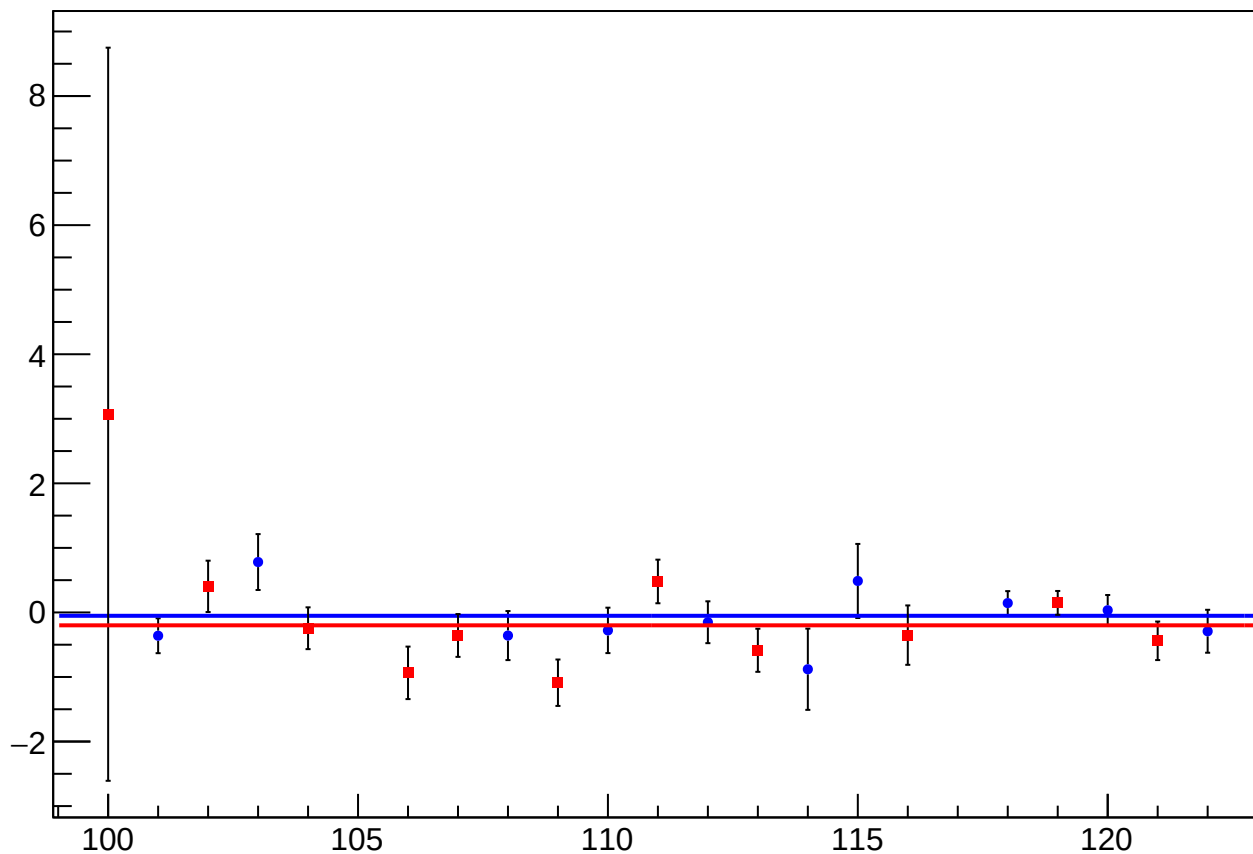
Right: 0.399+/-0.066 χ^2/NDF : 14.7/20

In: 0.395+/-0.097 χ^2/NDF : 2.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.399+/-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

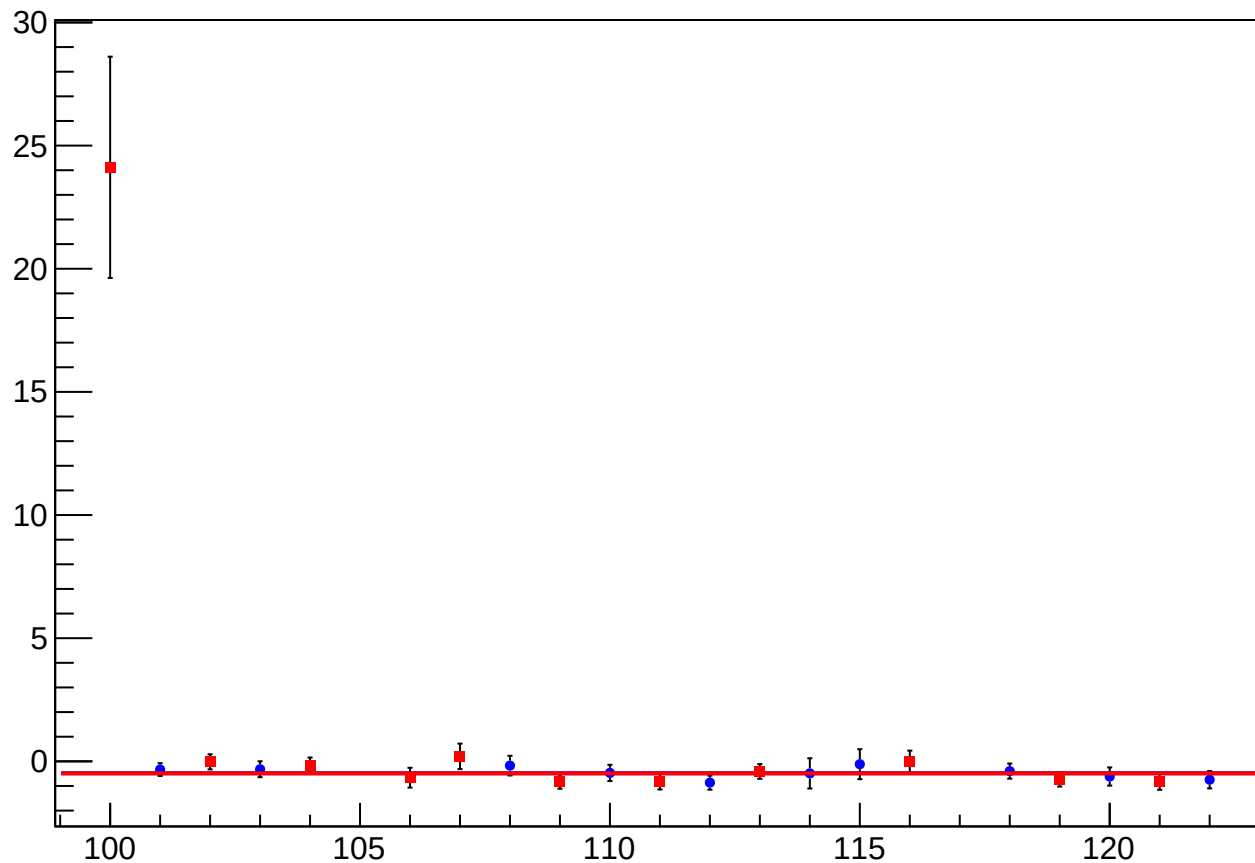
Right: -0.125 ± 0.069 χ^2/NDF : 33.7/20

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

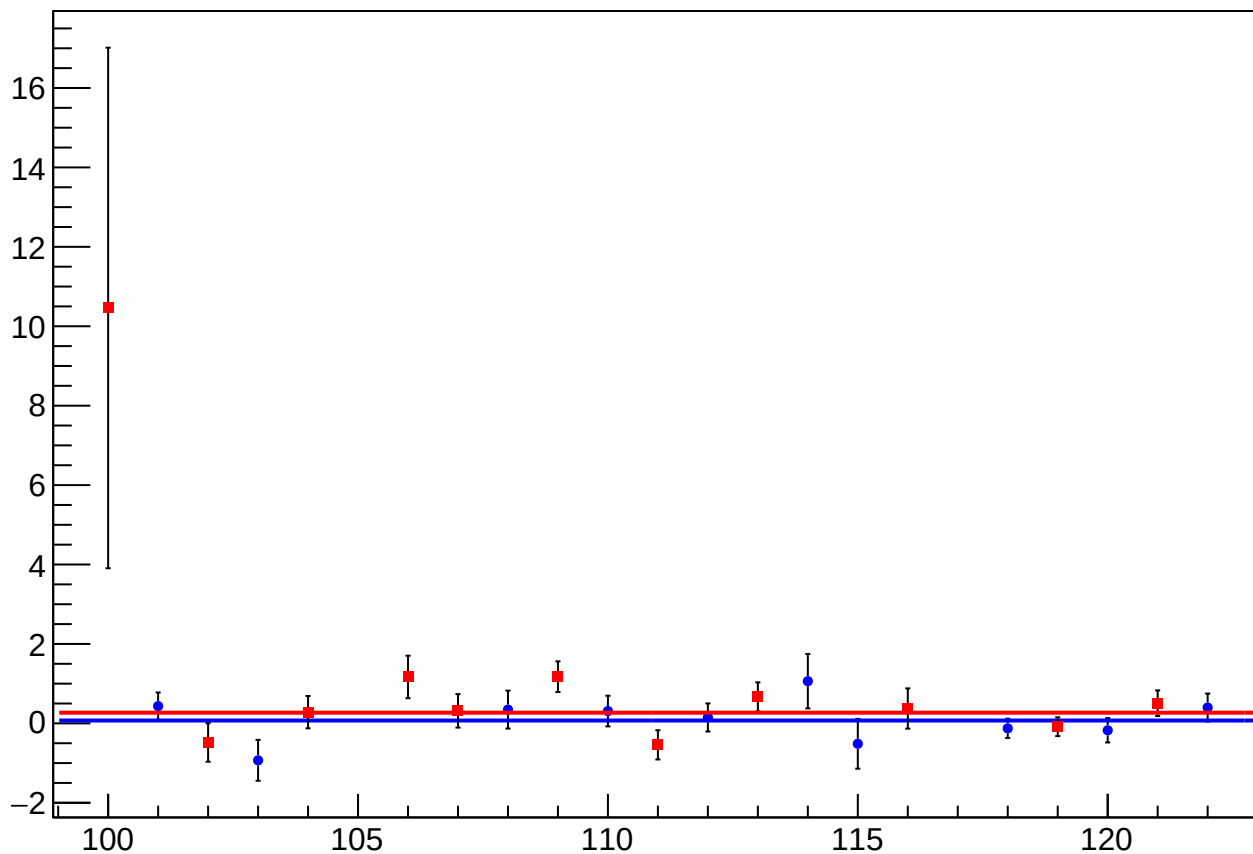
Right: -0.485 ± 0.076 χ^2/NDF : 45.0/20

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

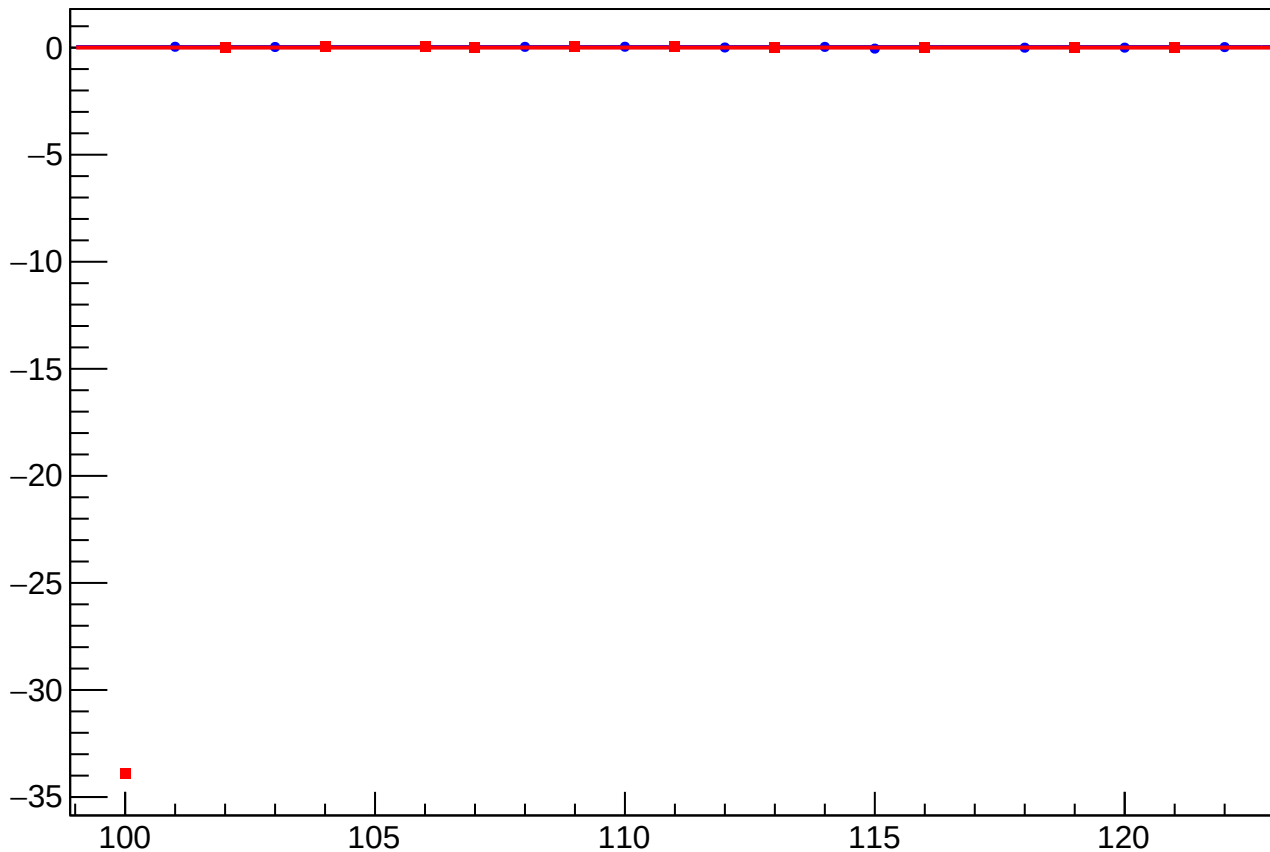
Right: 0.171+/-0.083 χ^2/NDF : 34.2/20

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 $\pm$ 0.007 χ^2 /NDF: 7.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.006 χ^2 /NDF: 22253.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

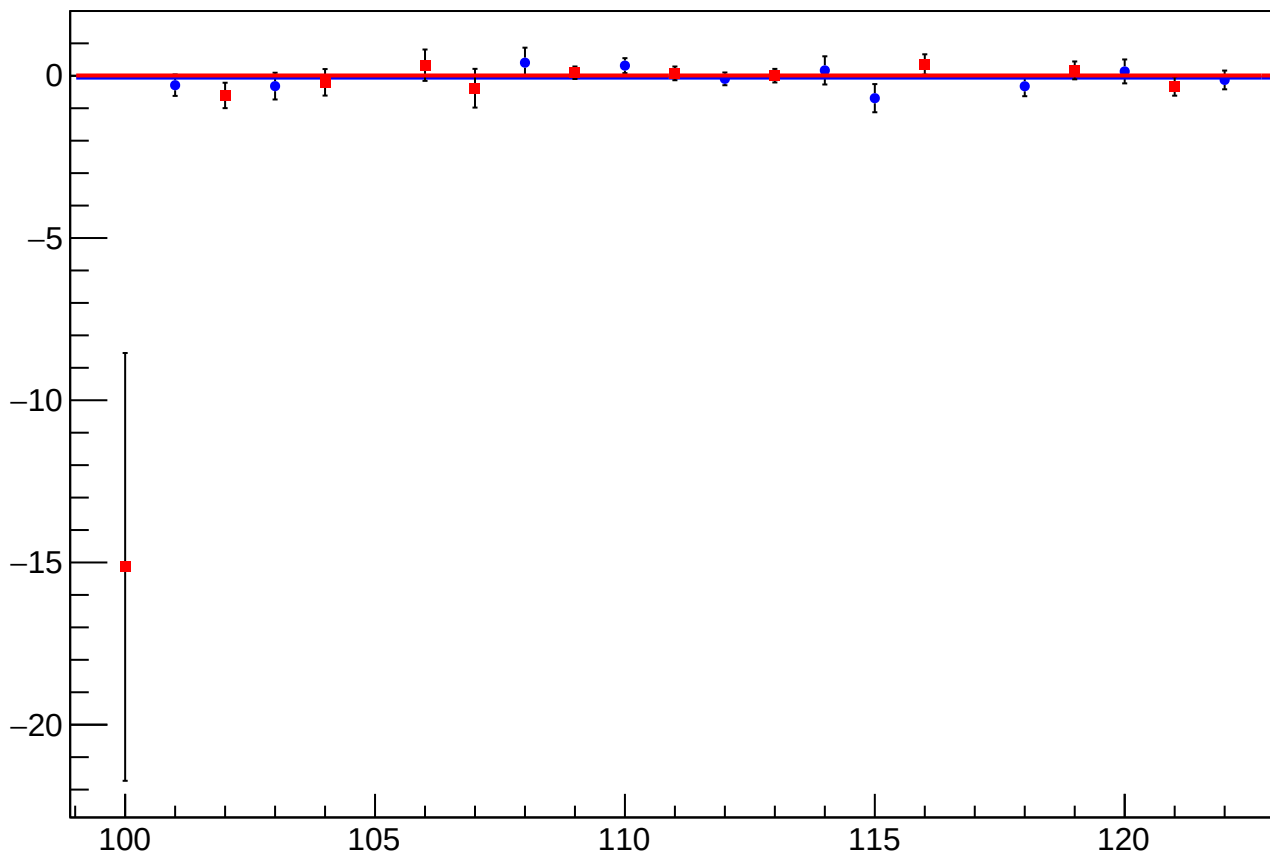
Right: 0.015 $\pm$ 0.005 χ^2 /NDF: 22265.9/20

In: 0.027 $\pm$ 0.007 χ^2 /NDF: 7.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 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

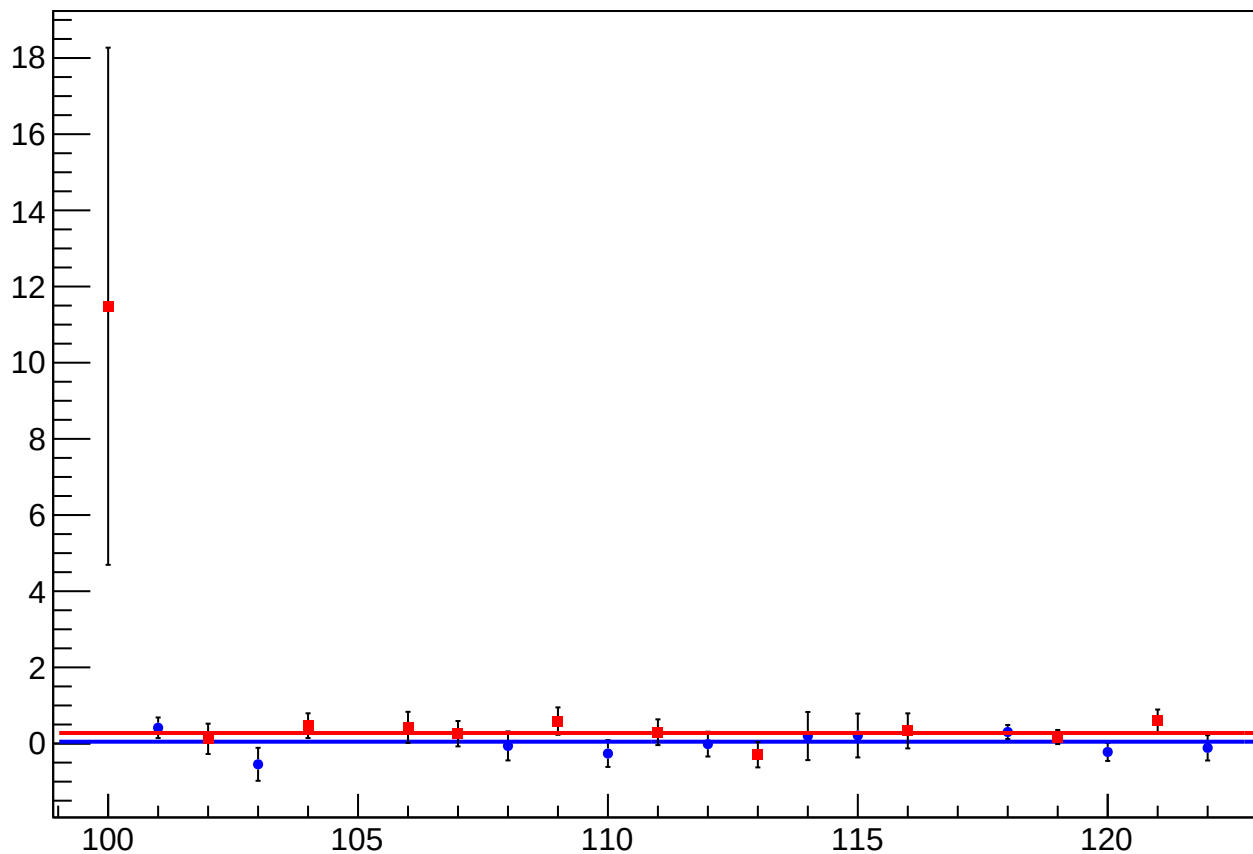
Right: -0.020 ± 0.066 χ^2/NDF : 20.1/20

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

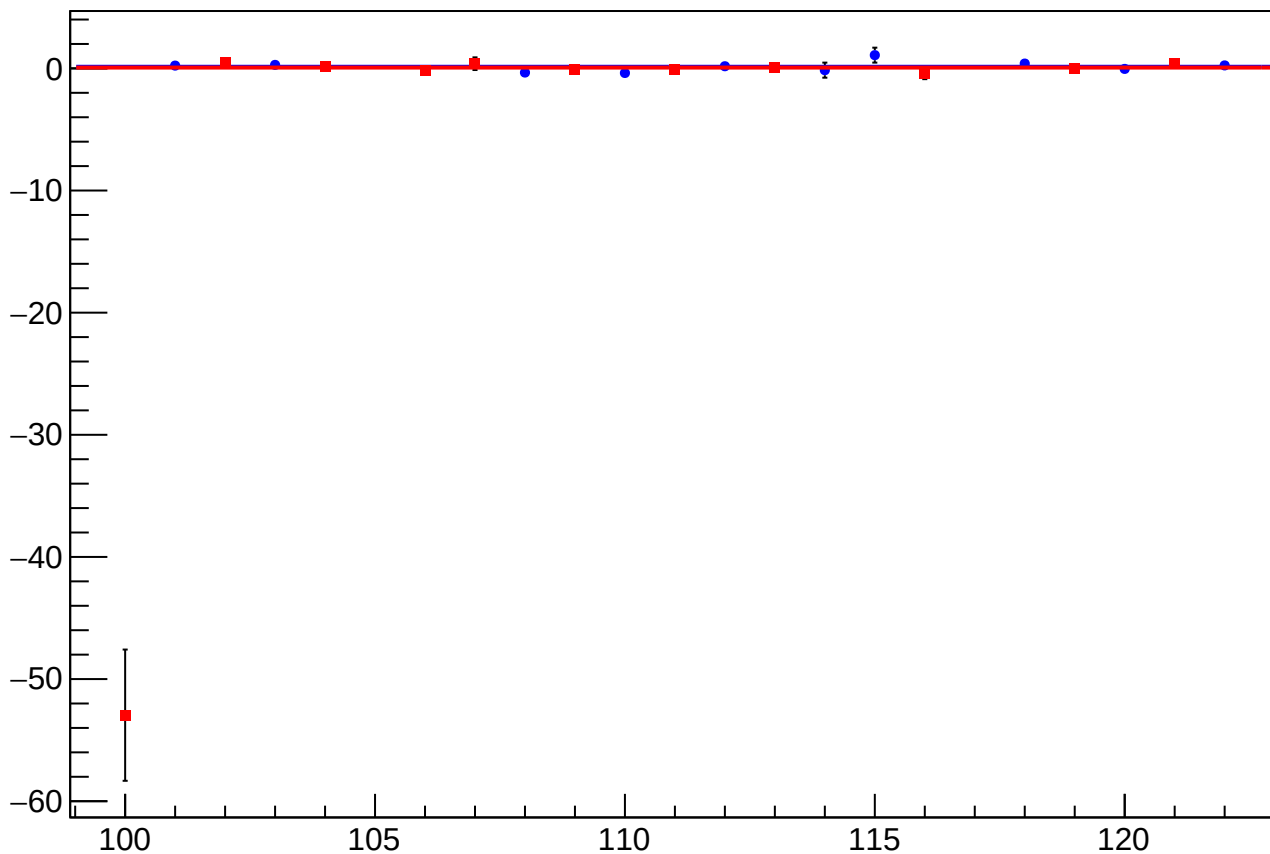
Right: 0.161 $\pm$ 0.070 χ^2 /NDF: 19.4/20

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

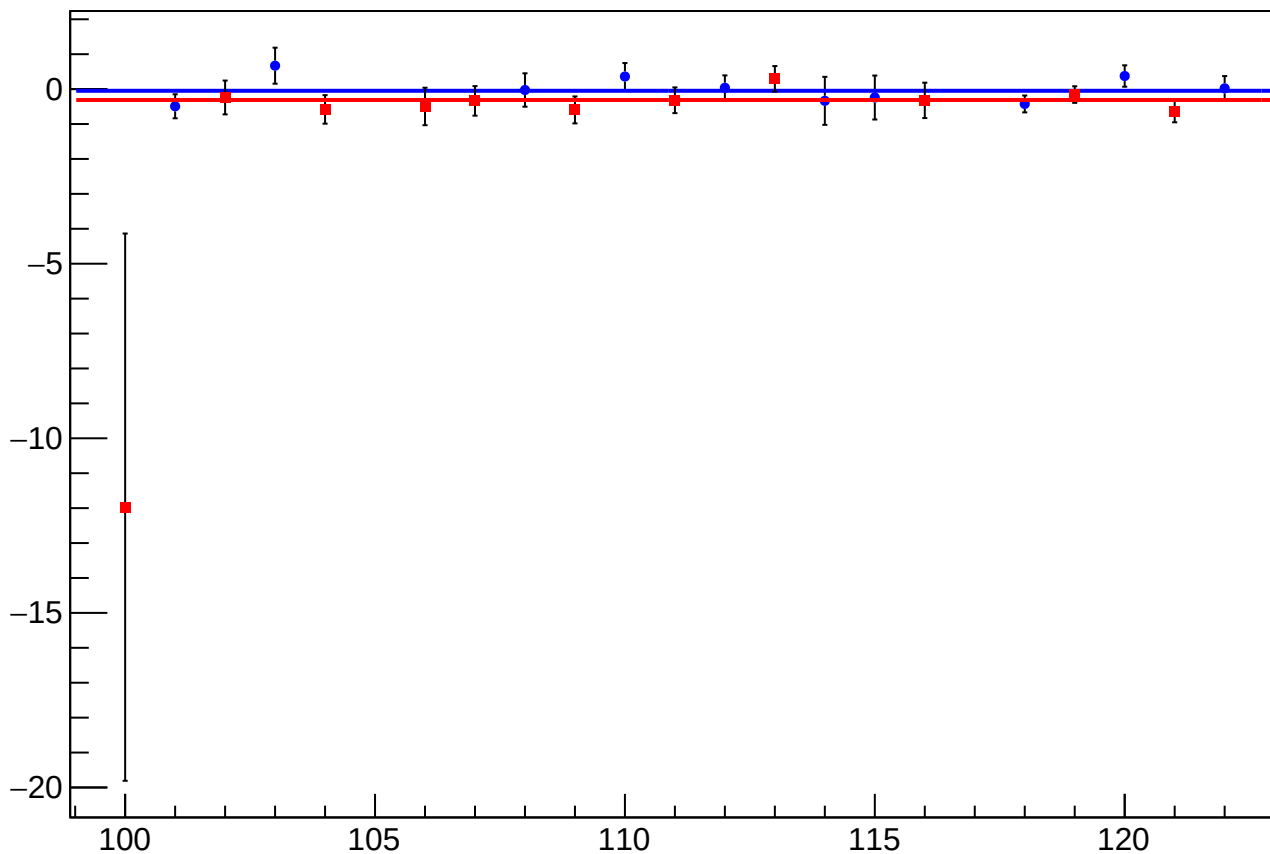
Right: 0.099+/-0.076 χ^2/NDF : 111.3/20

In: 0.133+/-0.109 χ^2/NDF : 7.8/9

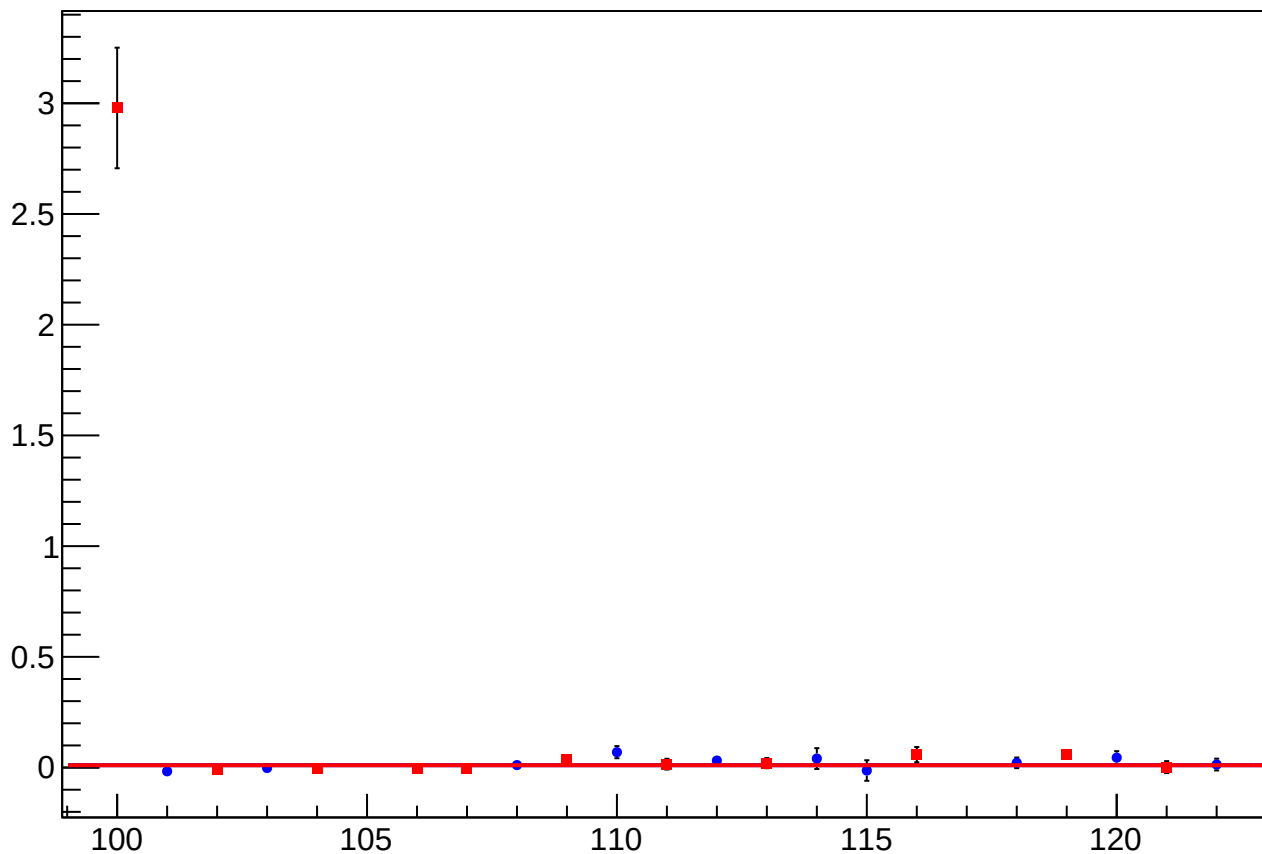
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.099+/-0.076 χ^2/NDF : 111.3/20

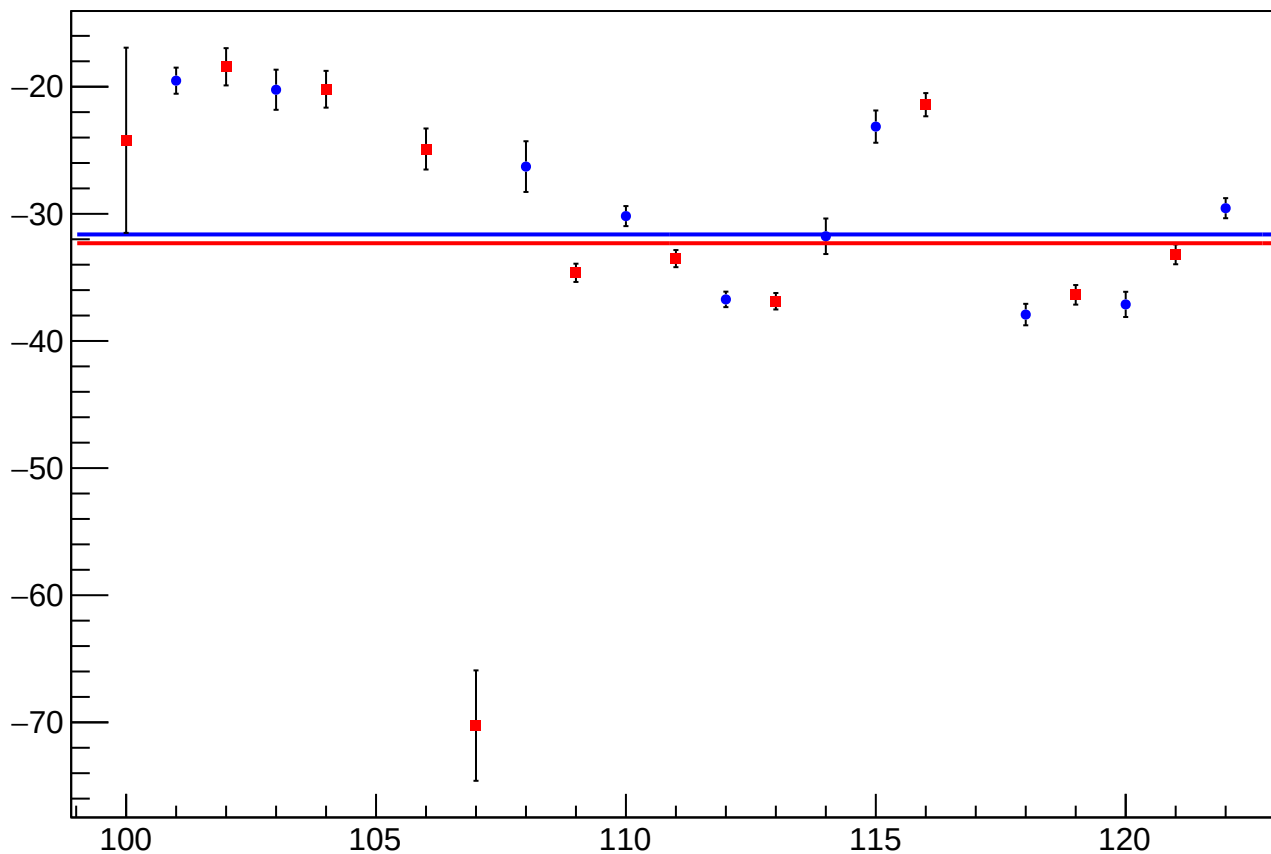
reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

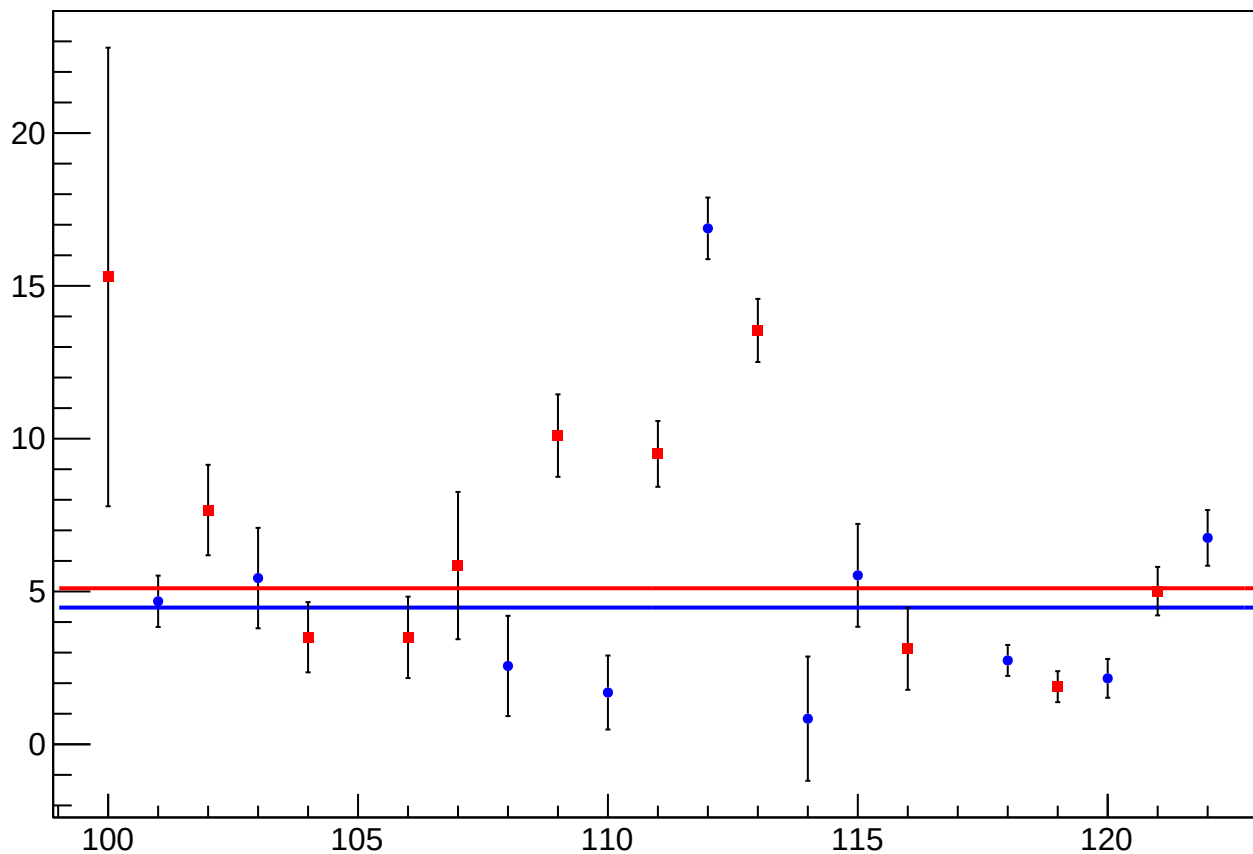
Right: -31.986+/-0.206 χ^2/NDF : 906.0/20

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

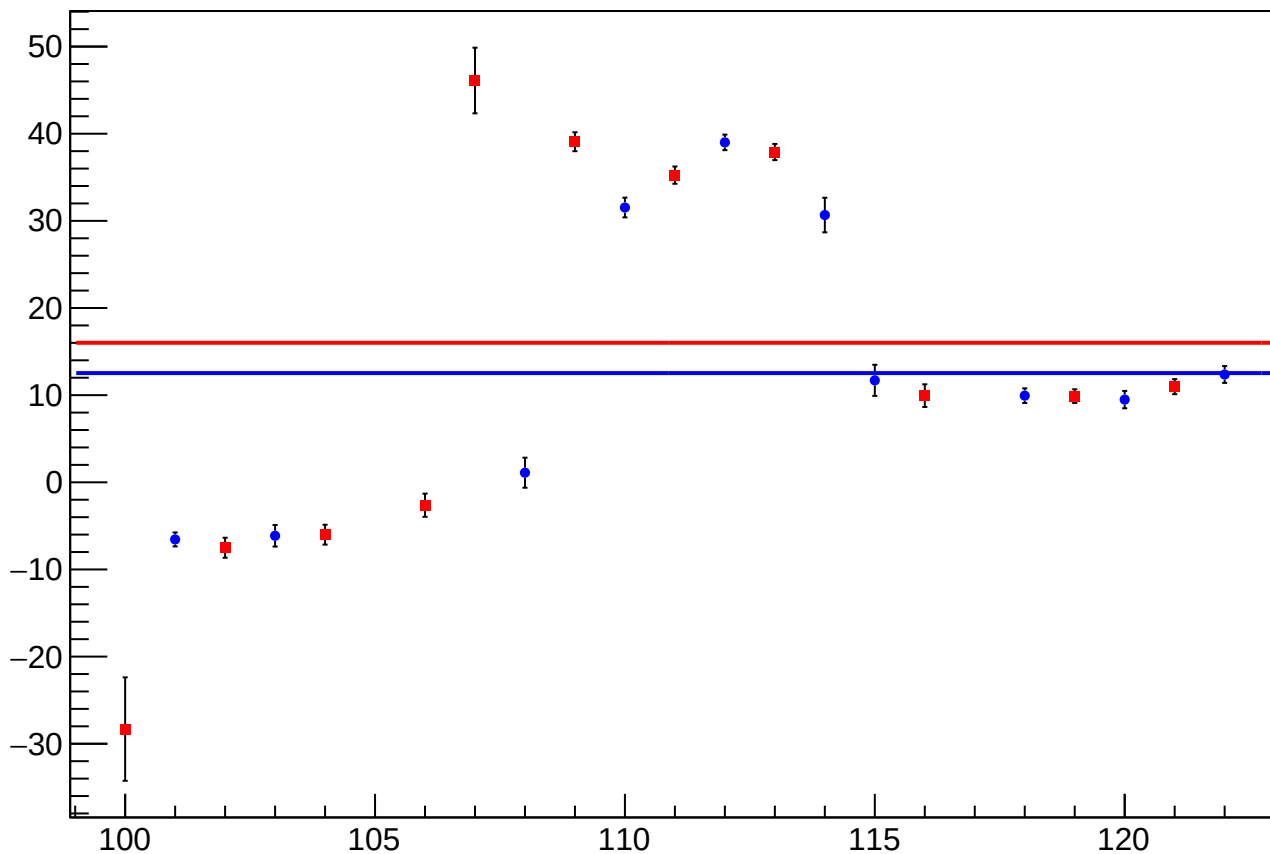
Right: 4.766+/-0.211 χ^2/NDF : 343.5/20

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

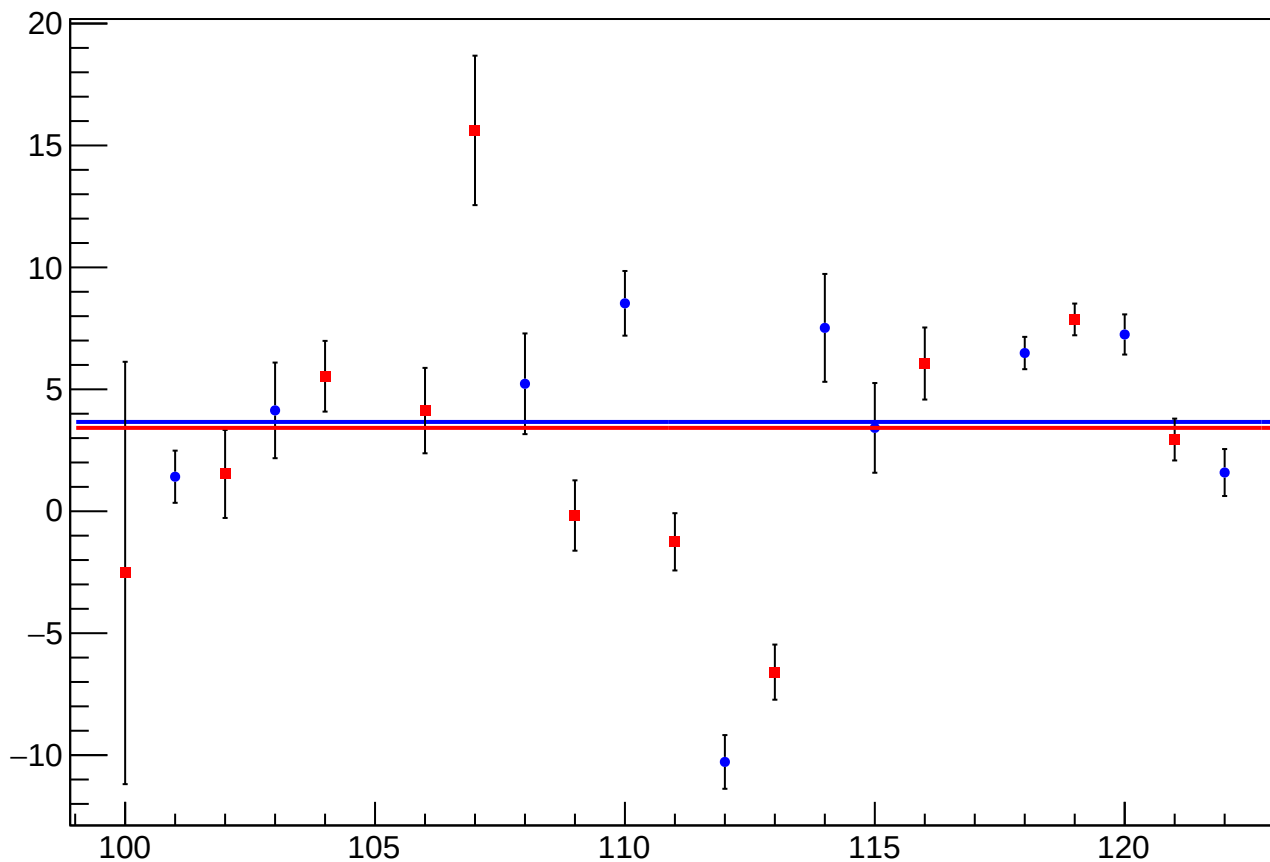
reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

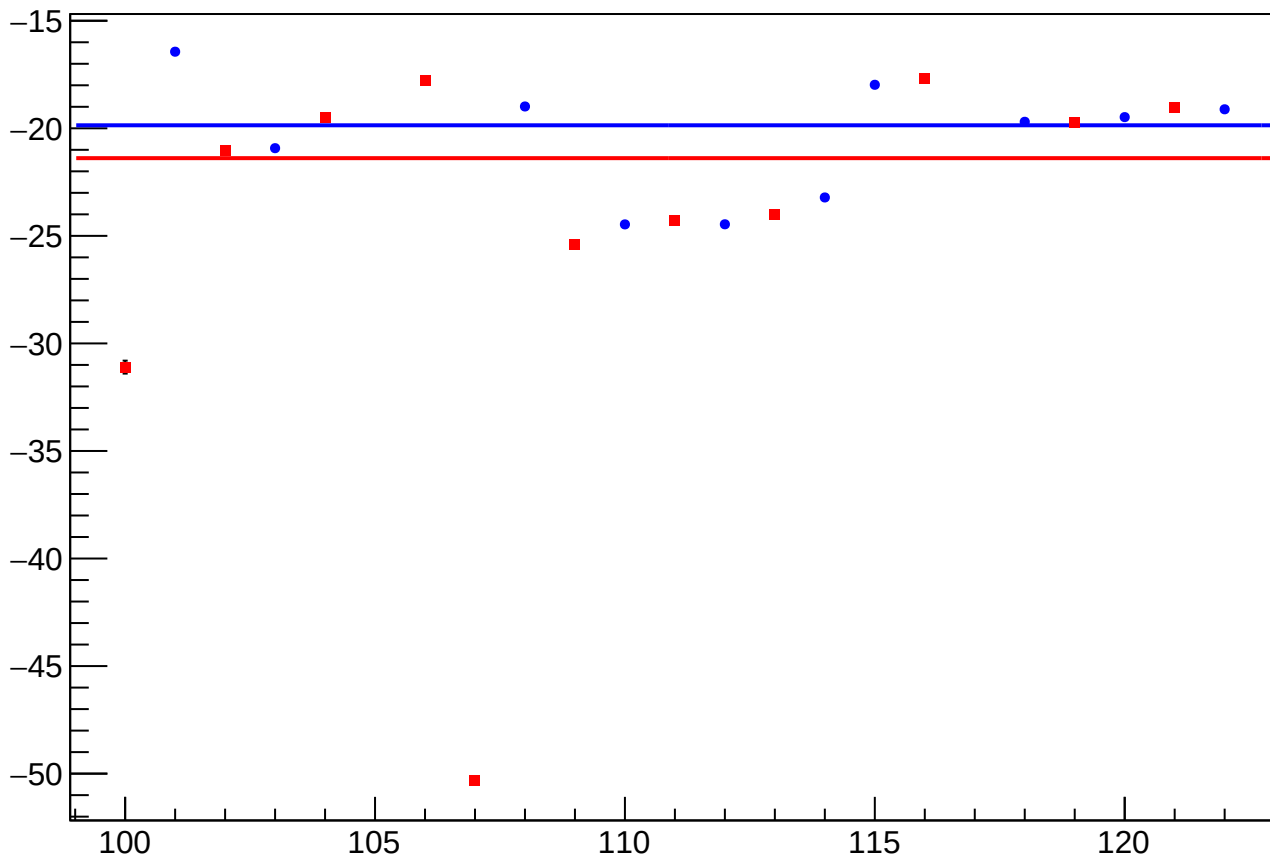
reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

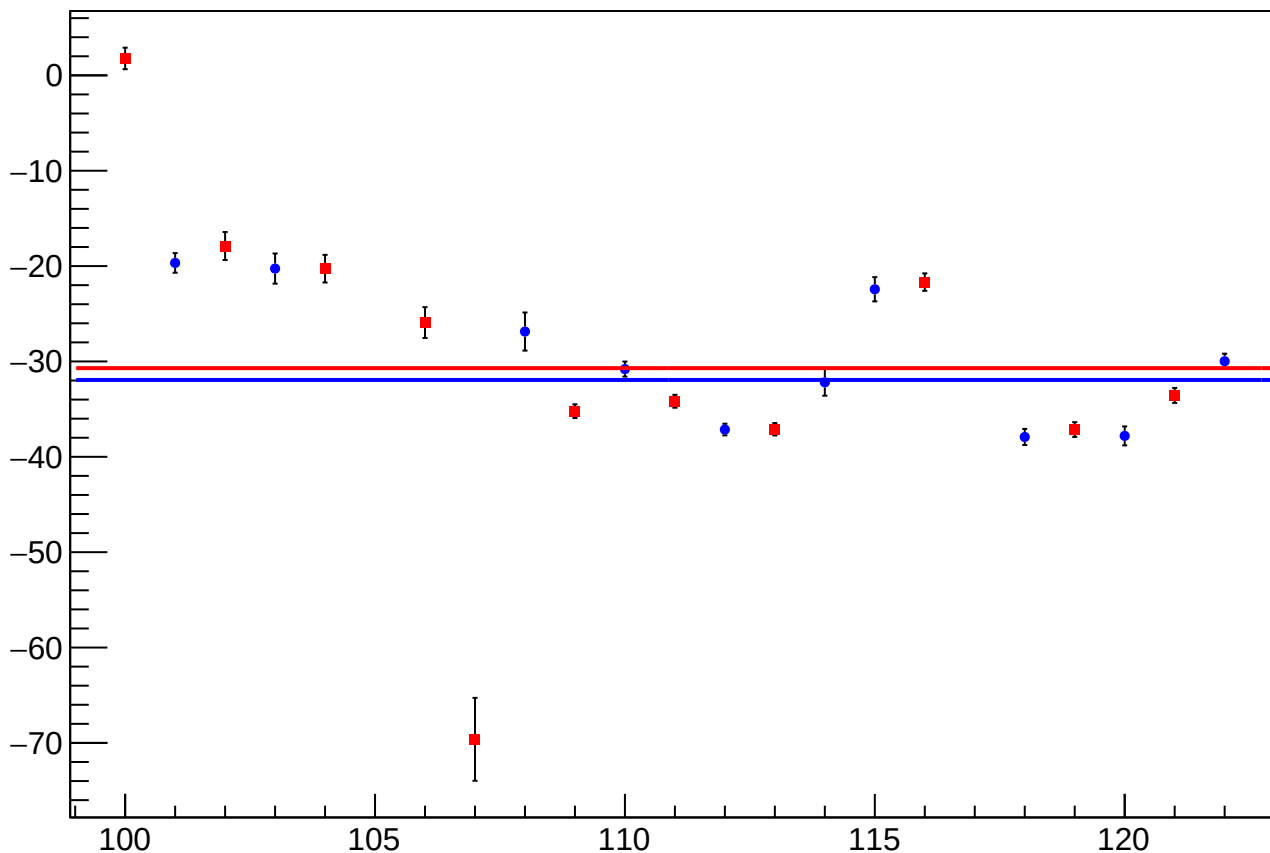
Right: -20.643+/-0.016 χ^2/NDF : 65559.5/20

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

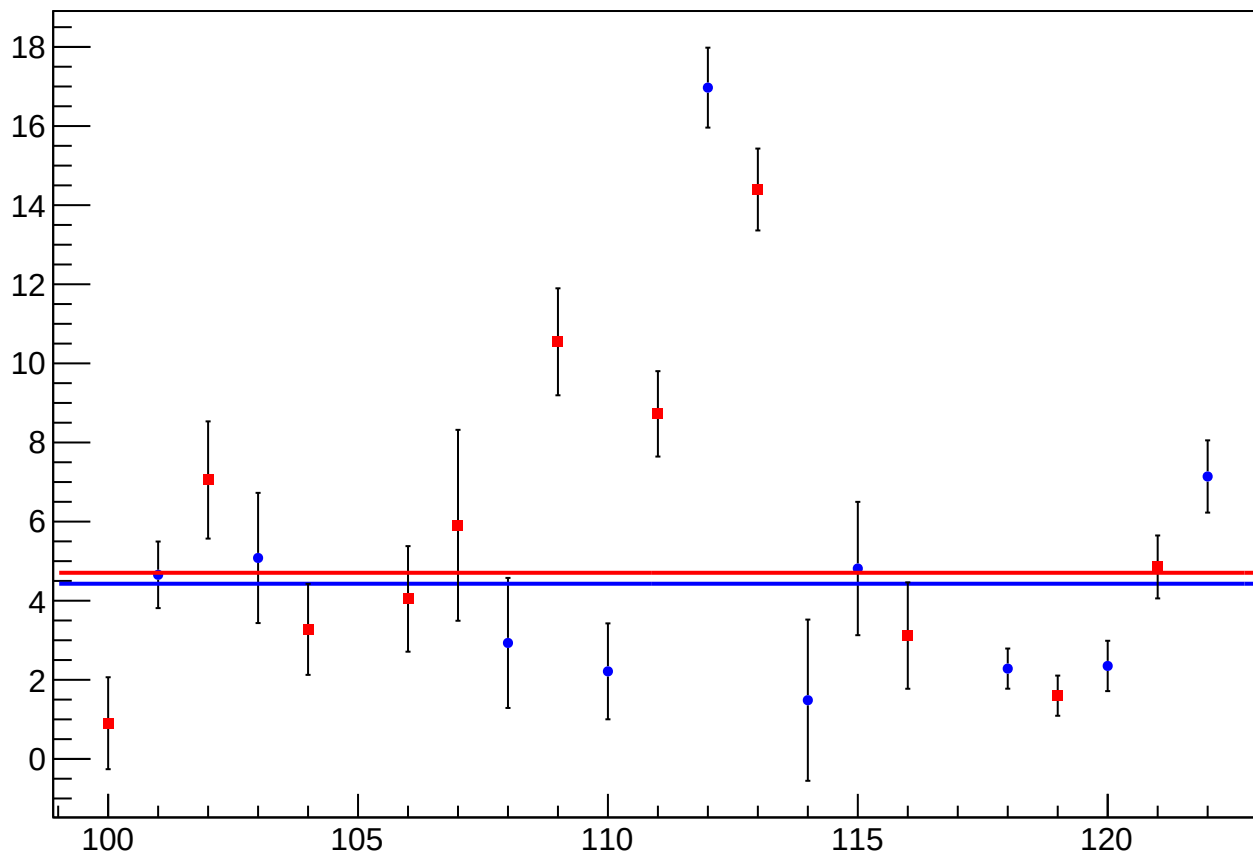
Right: -31.266+/-0.203 χ^2/NDF : 1822.9/20

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

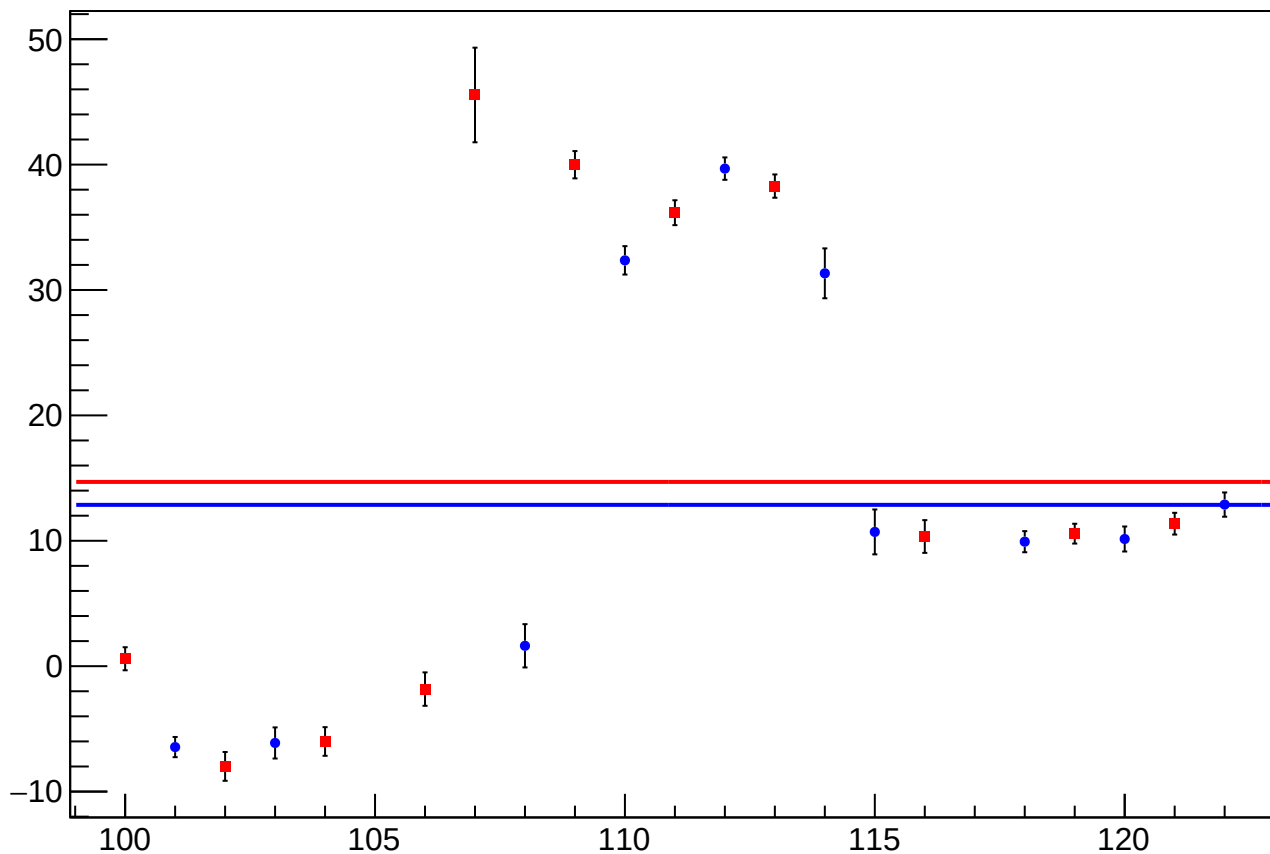
Right: 4.562+/-0.209 χ^2/NDF : 372.6/20

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

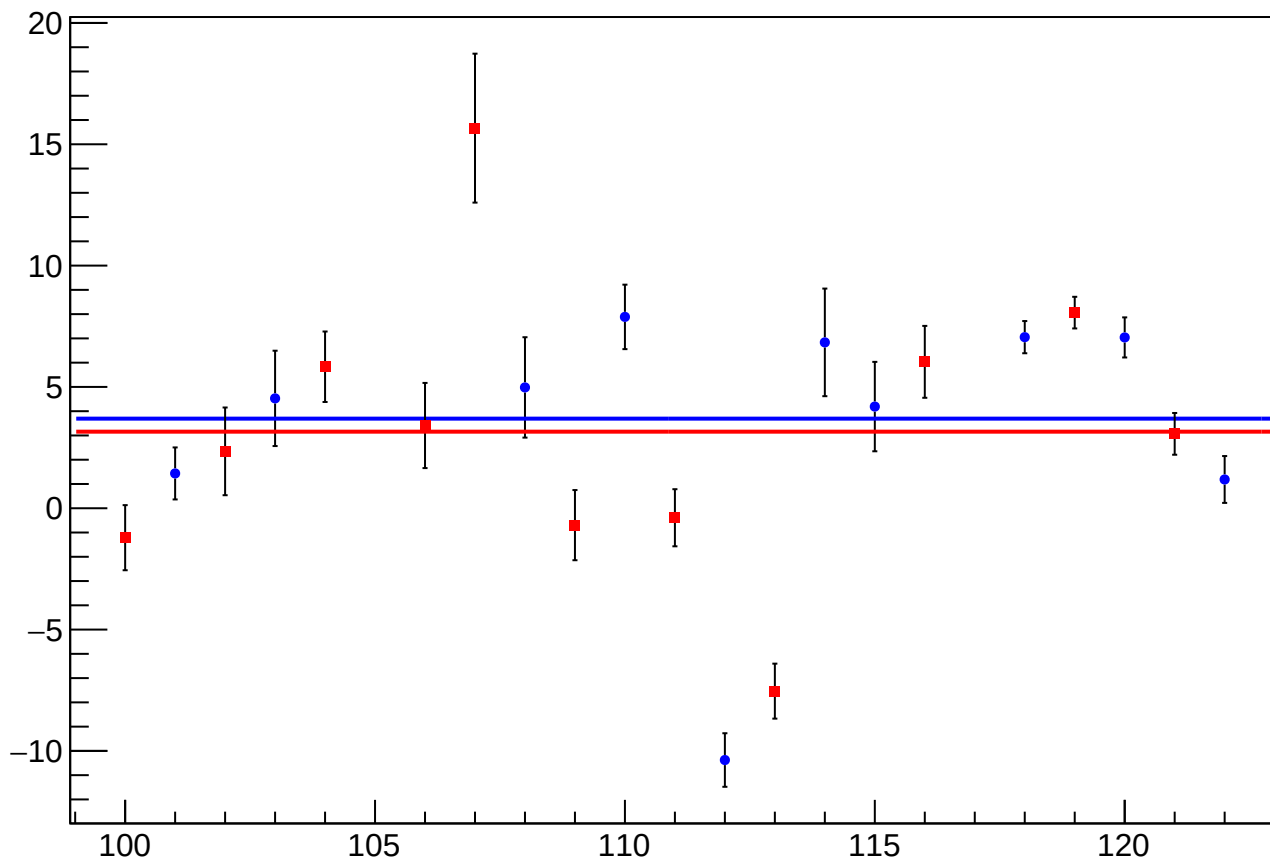
Right: 13.843+/-0.233 χ^2/NDF : 5051.5/20

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

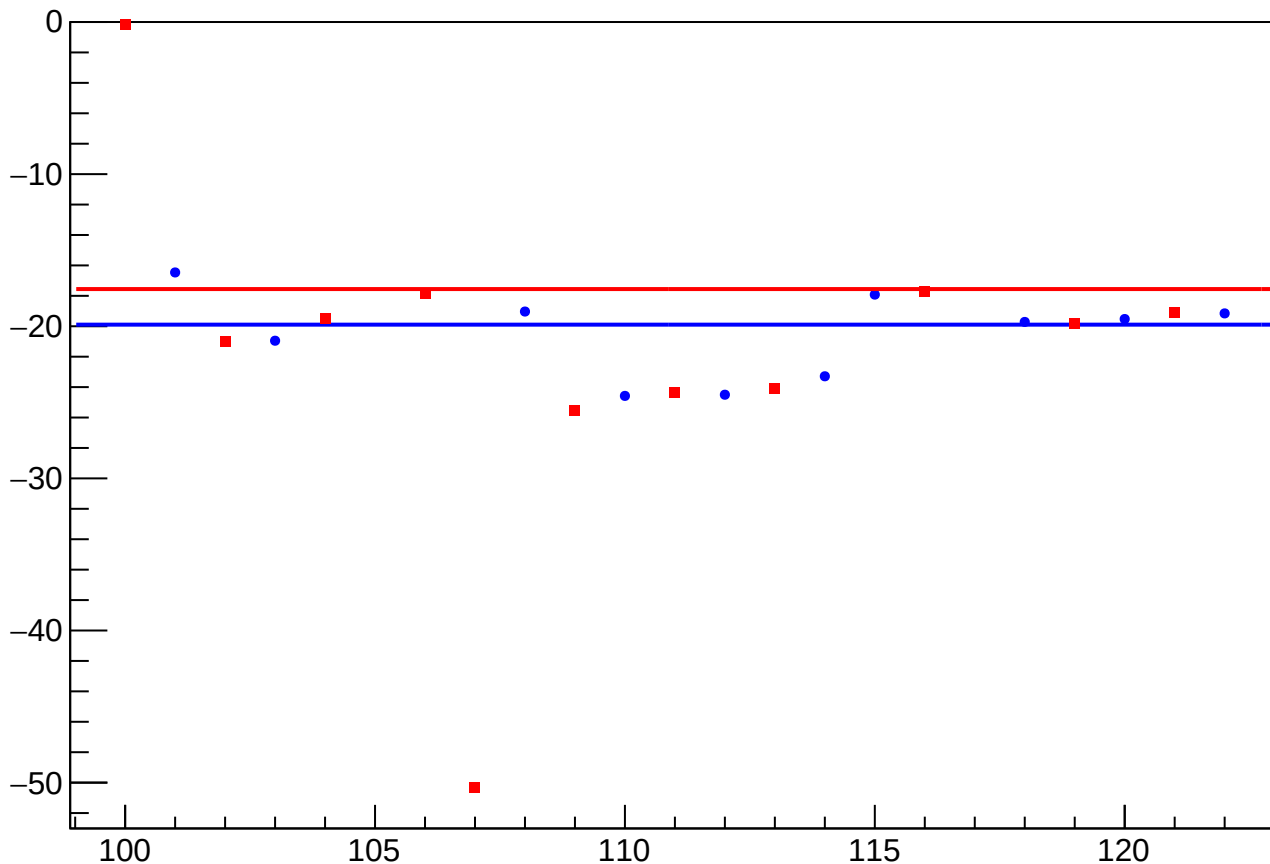
Right: 3.427+/-0.250 χ^2/NDF : 426.0/20

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

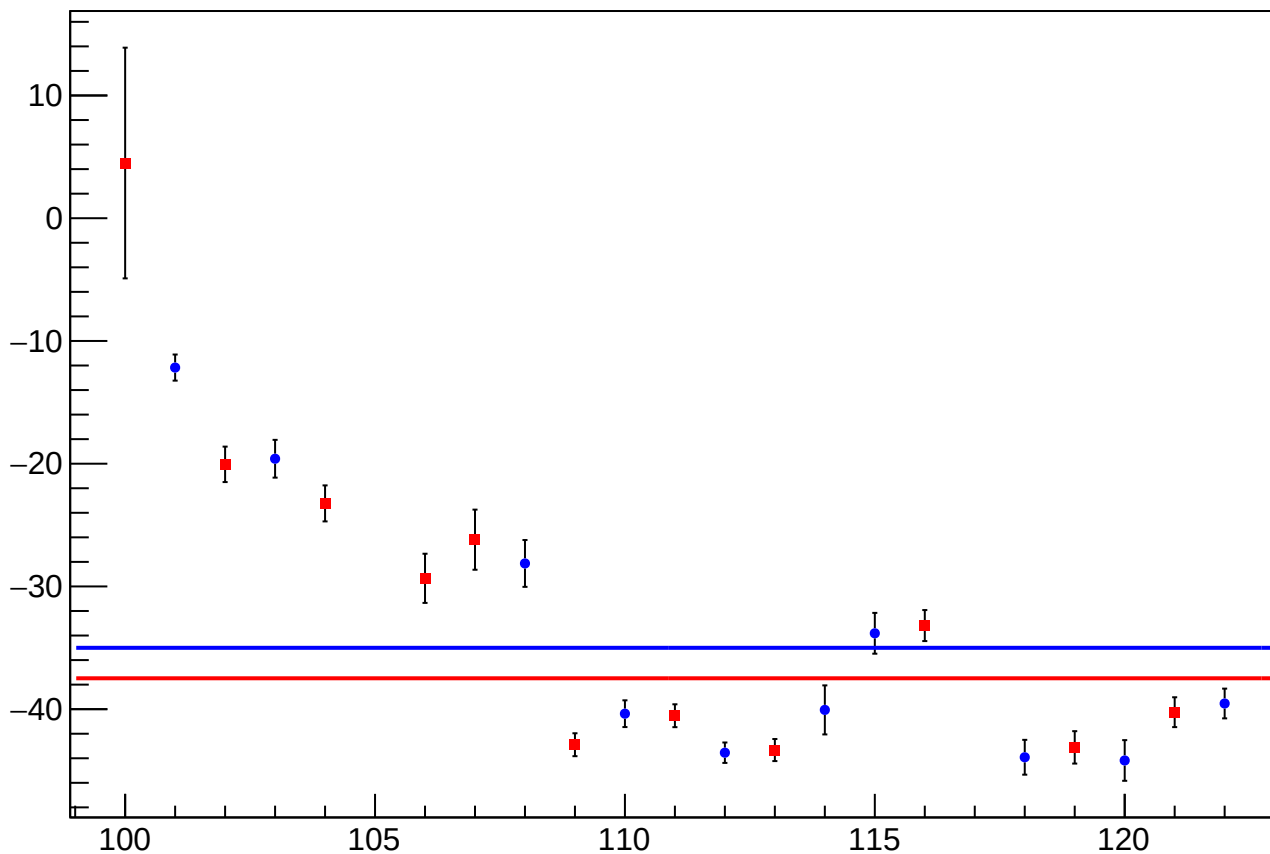
Right: -18.582+/-0.015 χ^2/NDF : 238206.3/20

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: -37.483 ± 0.384 χ^2/NDF : 419.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

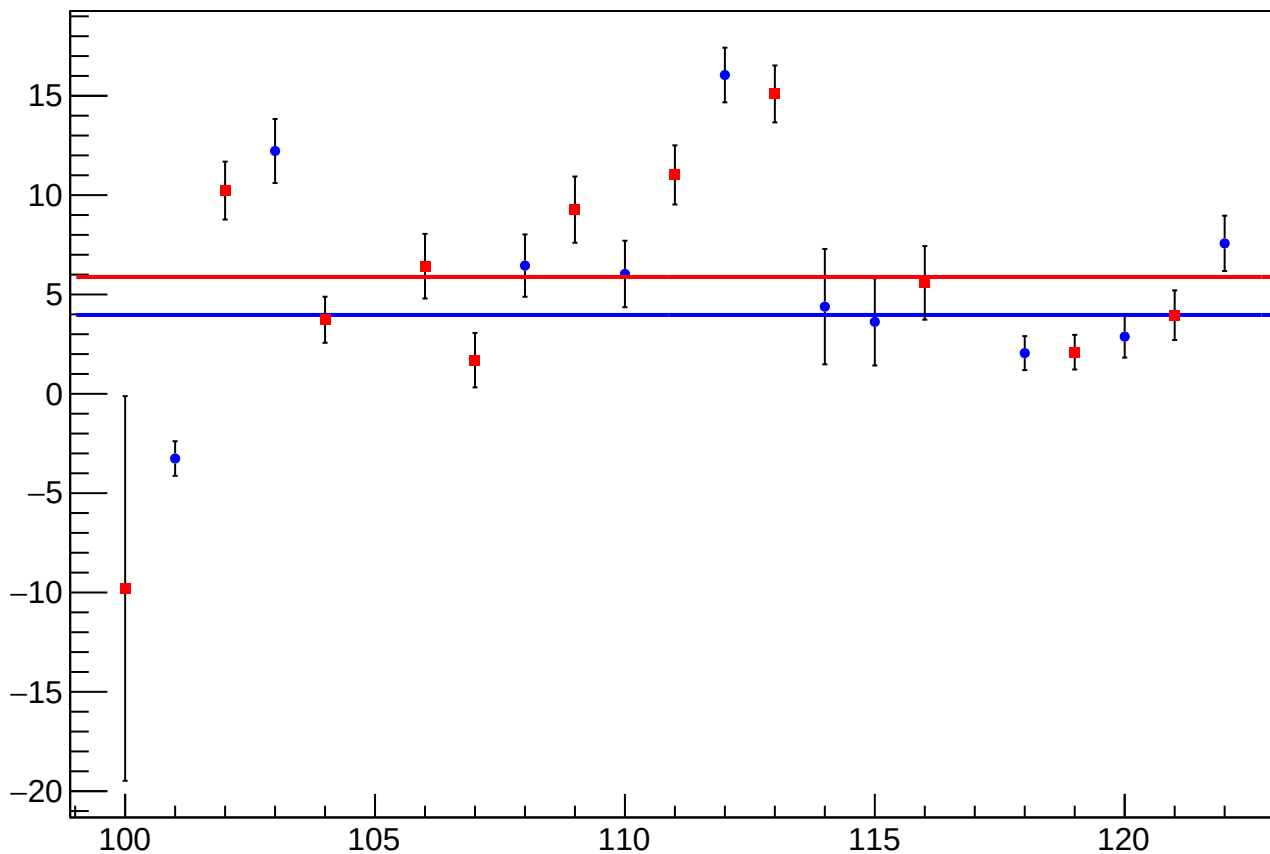
Right: -36.316 ± 0.279 χ^2/NDF : 1233.8/20

In: -35.000 ± 0.407 χ^2/NDF : 794.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.316 ± 0.279 χ^2/NDF : 1233.8/20

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: 5.881+/-0.420 χ^2/NDF : 103.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

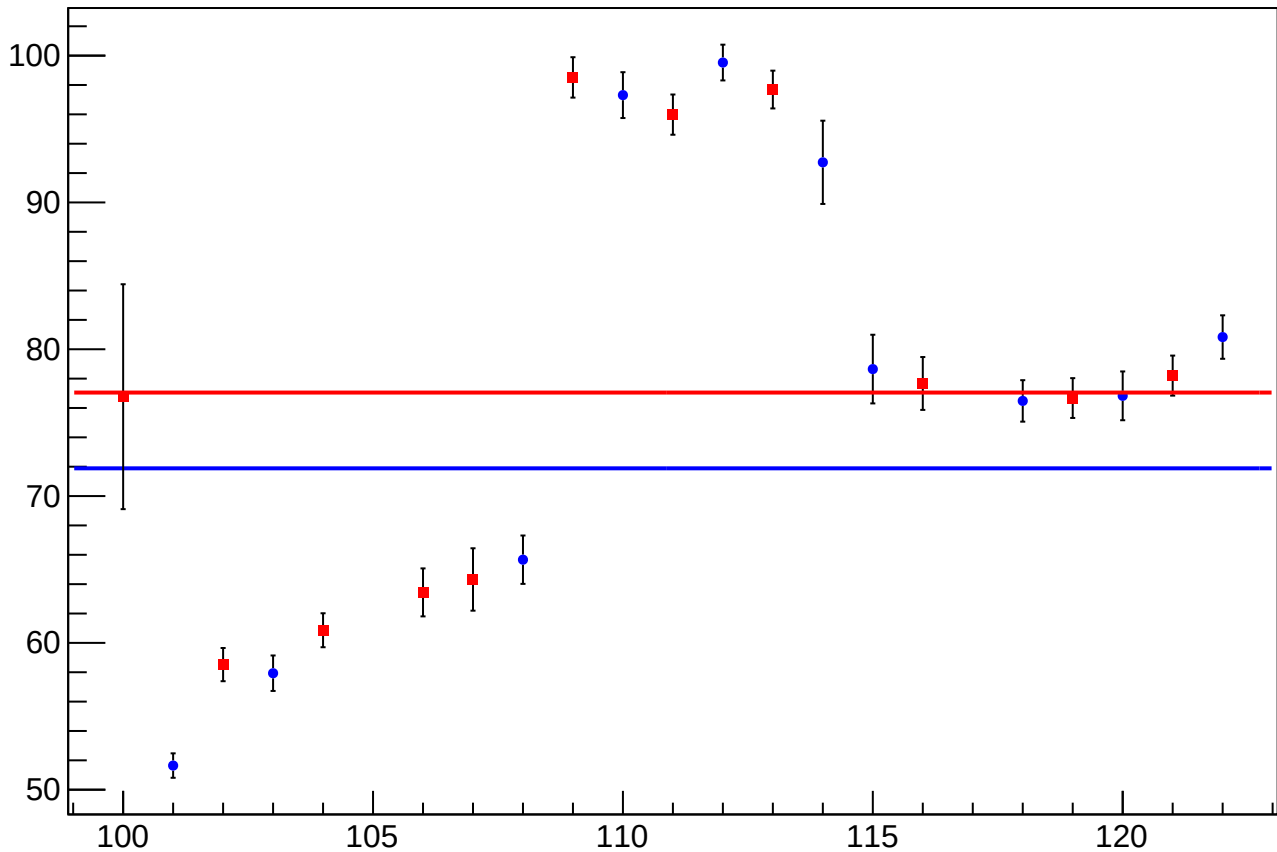
Right: 4.891+/-0.291 χ^2/NDF : 302.7/20

In: 3.970+/-0.405 χ^2/NDF : 188.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.891+/-0.291 χ^2/NDF : 302.7/20

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: 77.050+/-0.439 χ^2/NDF : 1262.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

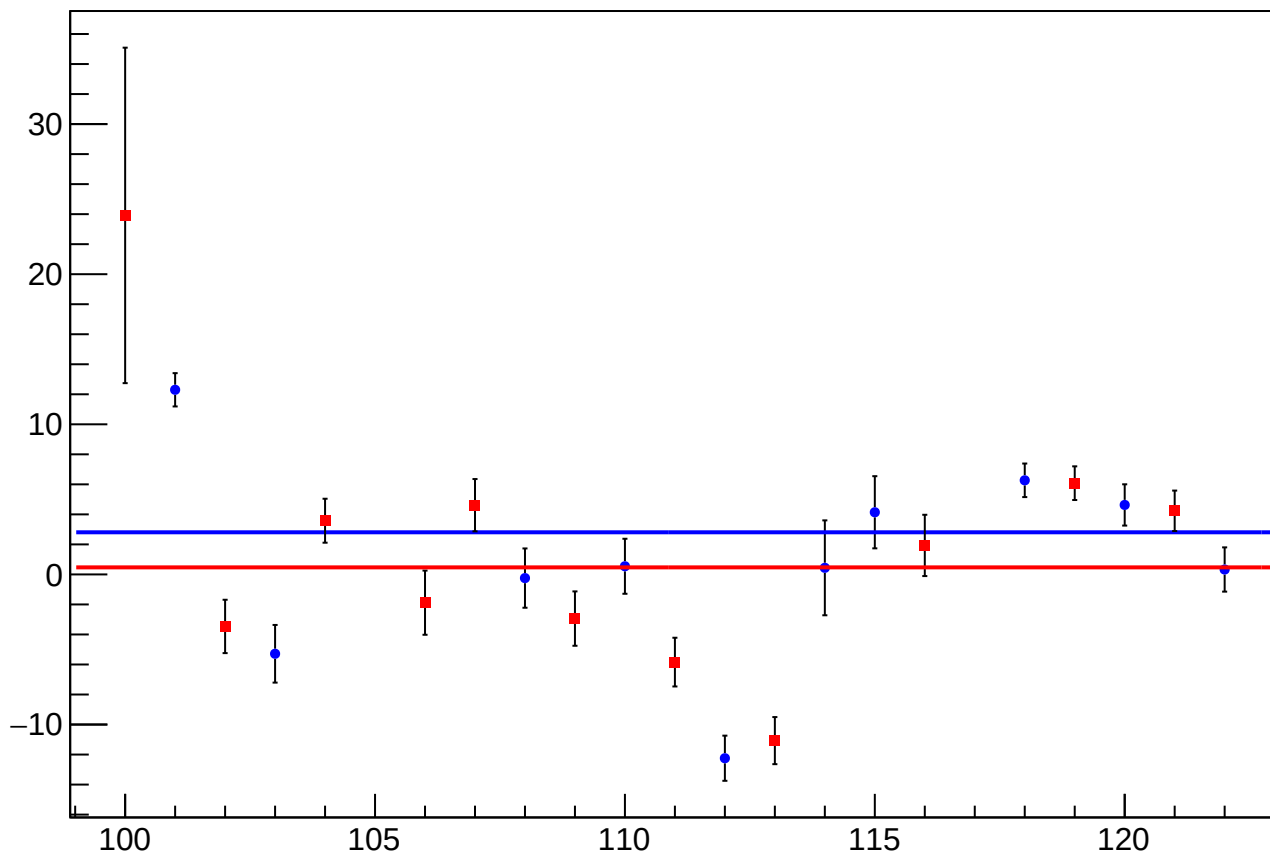
Right: 74.467+/-0.310 χ^2/NDF : 2968.7/20

In: 71.889+/-0.438 χ^2/NDF : 1637.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.467+/-0.310 χ^2/NDF : 2968.7/20

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.806 $\pm$ 0.491 χ^2 /NDF: 210.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.470 $\pm$ 0.499 χ^2 /NDF: 126.8/10

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

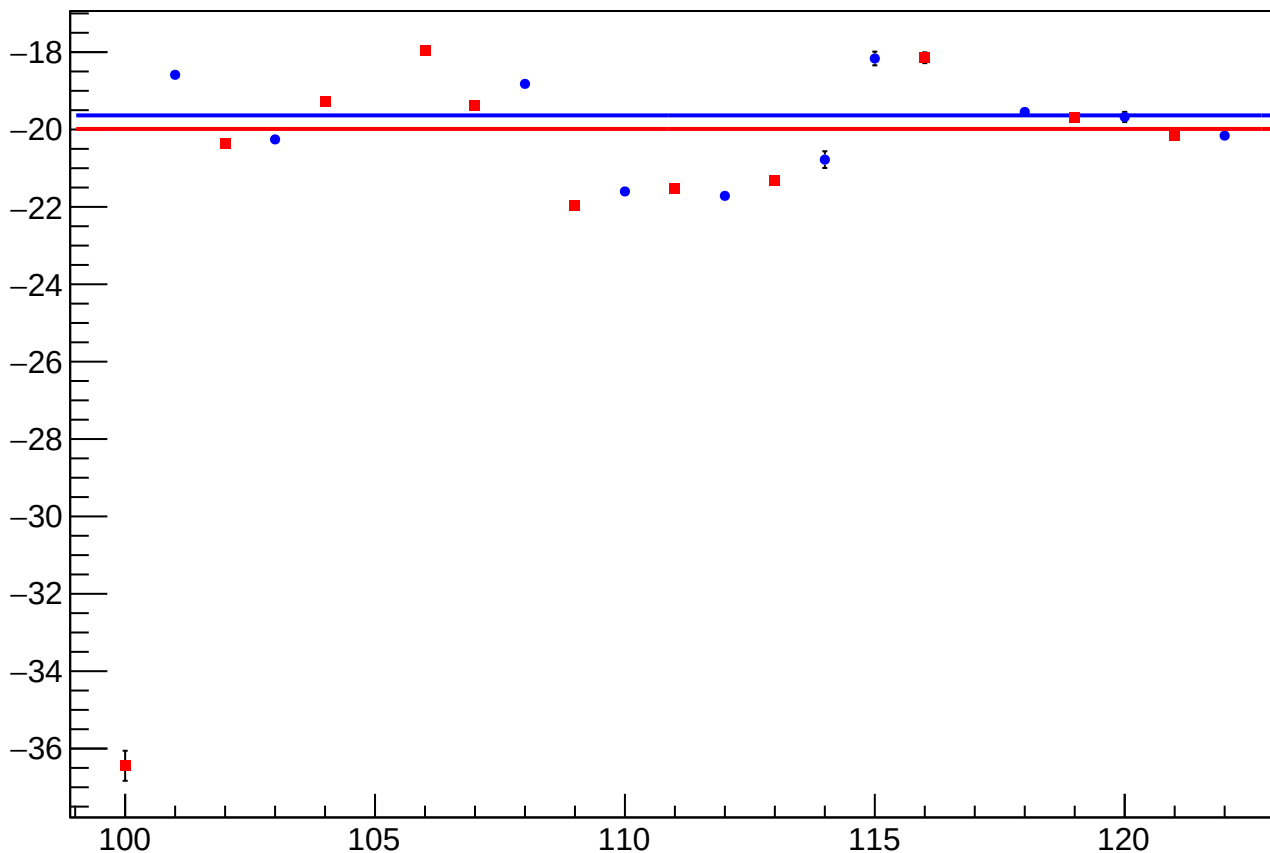
Right: 1.656 $\pm$ 0.350 χ^2 /NDF: 348.0/20

In: 2.806 $\pm$ 0.491 χ^2 /NDF:210.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.656 $\pm$ 0.350 χ^2 /NDF: 348.0/20

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.635+/-0.026 χ^2/NDF : 1568.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.985+/-0.025 χ^2/NDF : 3761.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

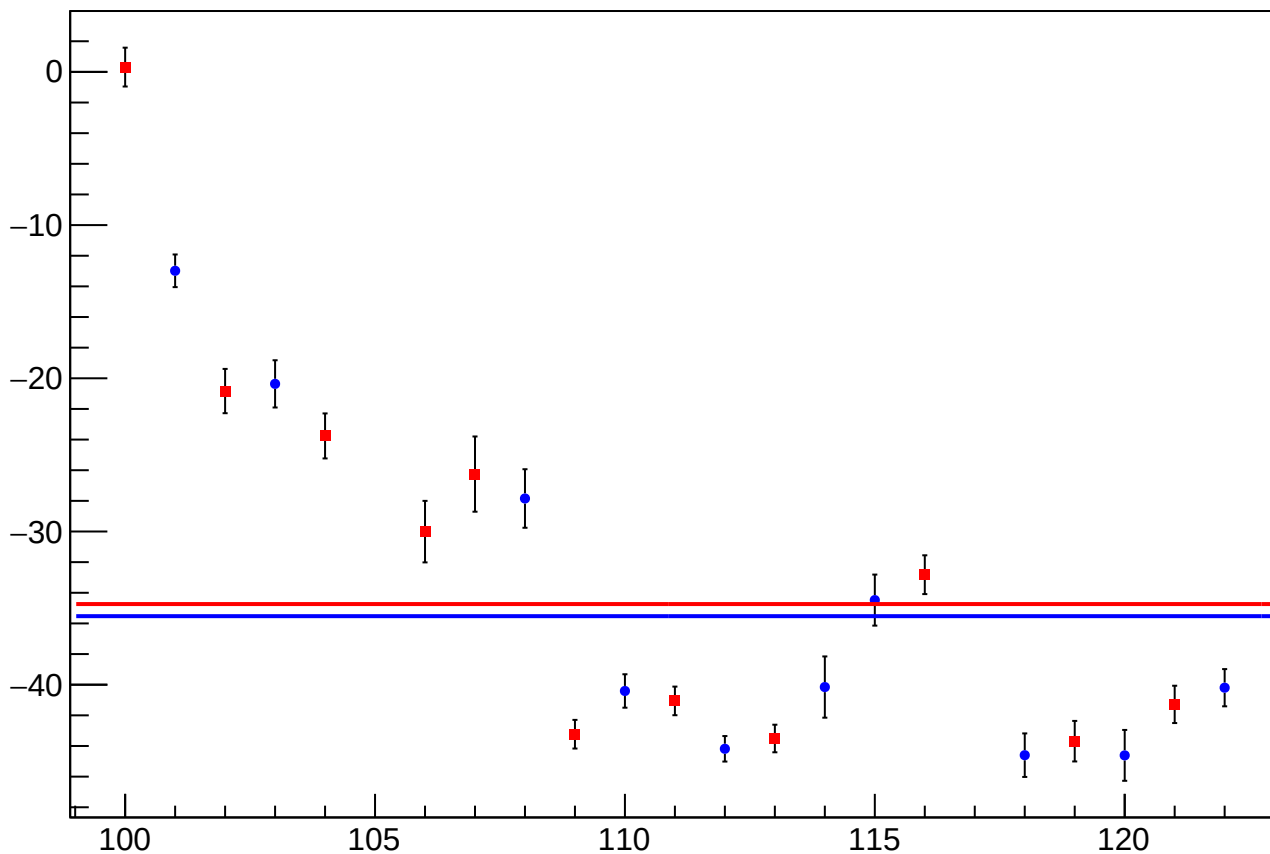
Right: -19.815+/-0.018 χ^2/NDF : 5422.5/20

In: -19.635+/-0.026 χ^2/NDF : 1568.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.815+/-0.018 χ^2/NDF : 5422.5/20

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: -34.736 ± 0.368 χ^2/NDF : 1230.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

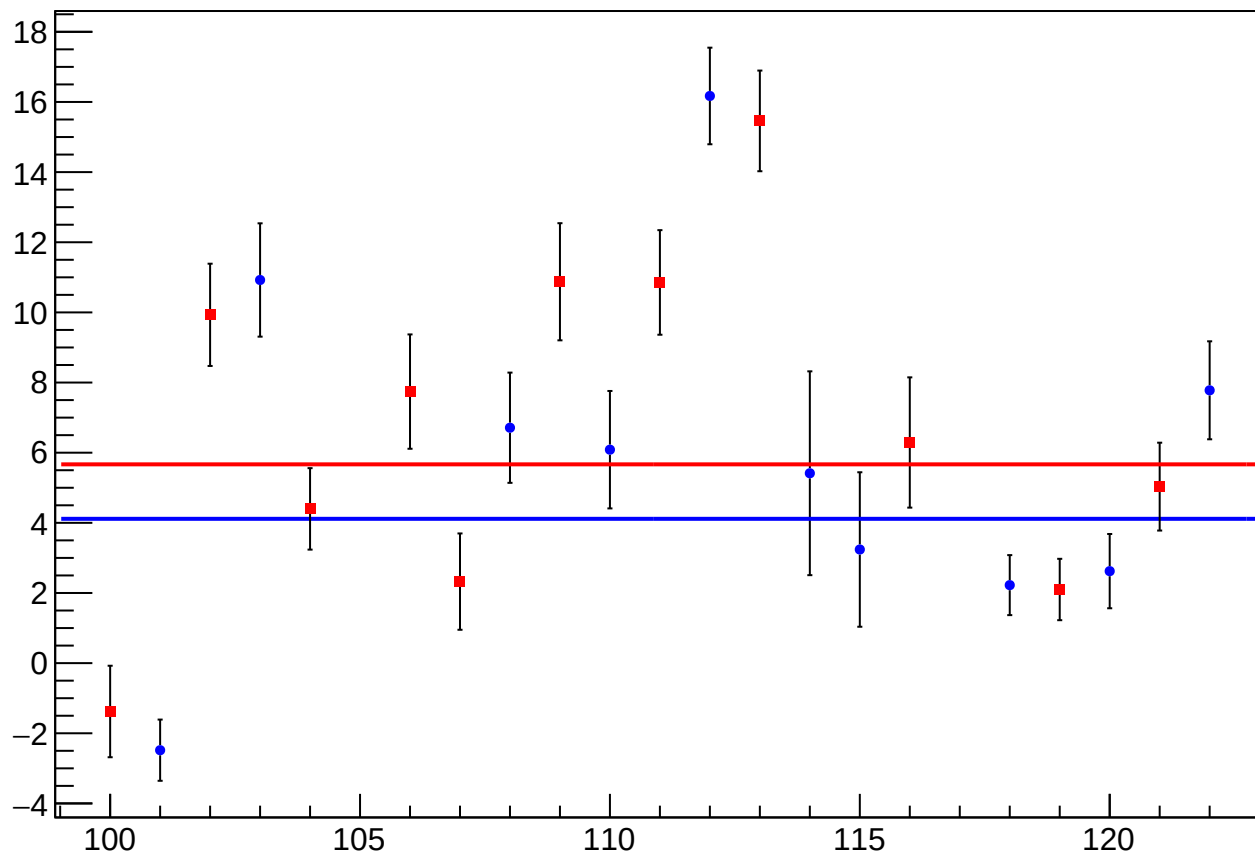
Right: -35.091 ± 0.273 χ^2/NDF : 2012.4/20

In: -35.526 ± 0.408 χ^2/NDF : 779.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.091 ± 0.273 χ^2/NDF : 2012.4/20

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.115+/-0.406 χ^2/NDF : 169.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.668+/-0.401 χ^2/NDF : 131.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

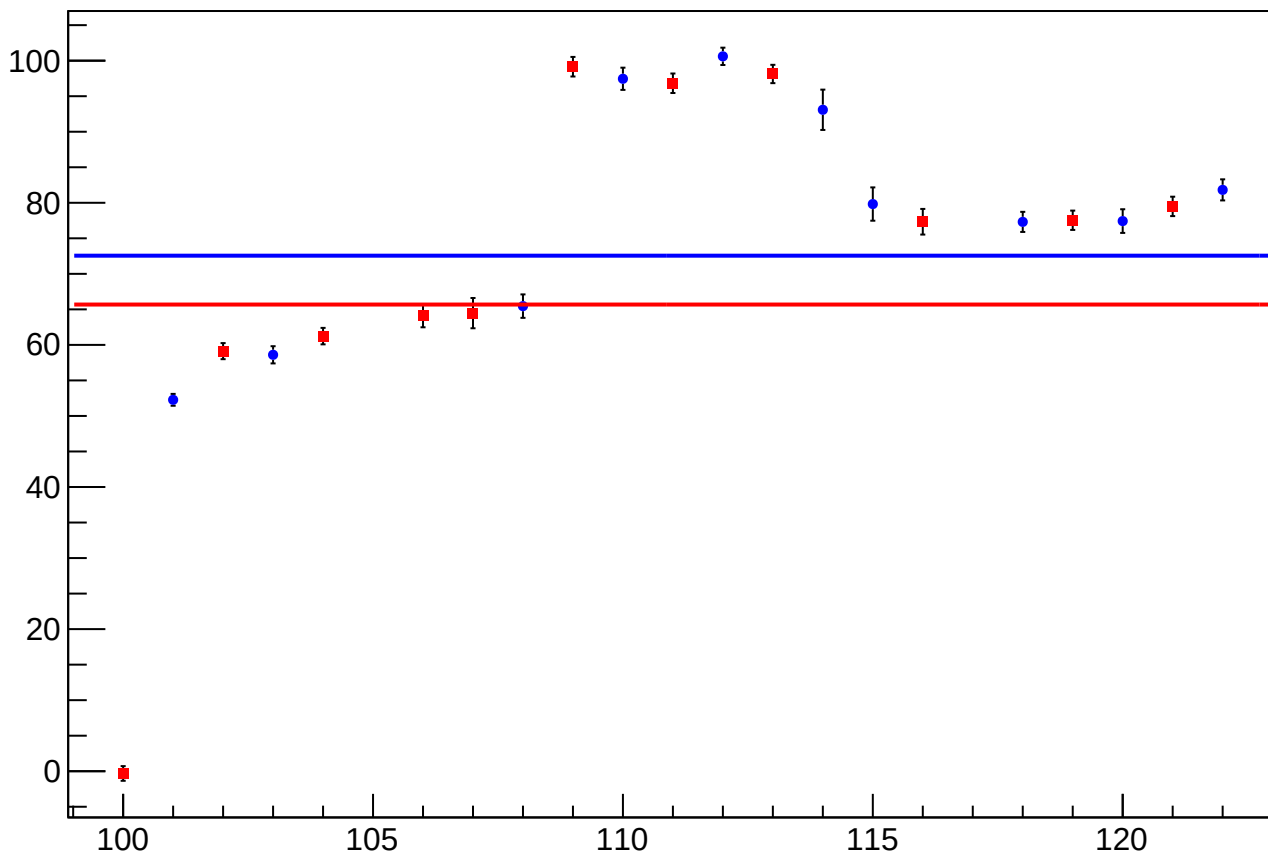
Right: 4.901+/-0.285 χ^2/NDF : 309.1/20

In: 4.115+/-0.406 χ^2/NDF : 169.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.901+/-0.285 χ^2/NDF : 309.1/20

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: 65.679+/-0.405 χ^2/NDF : 6088.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

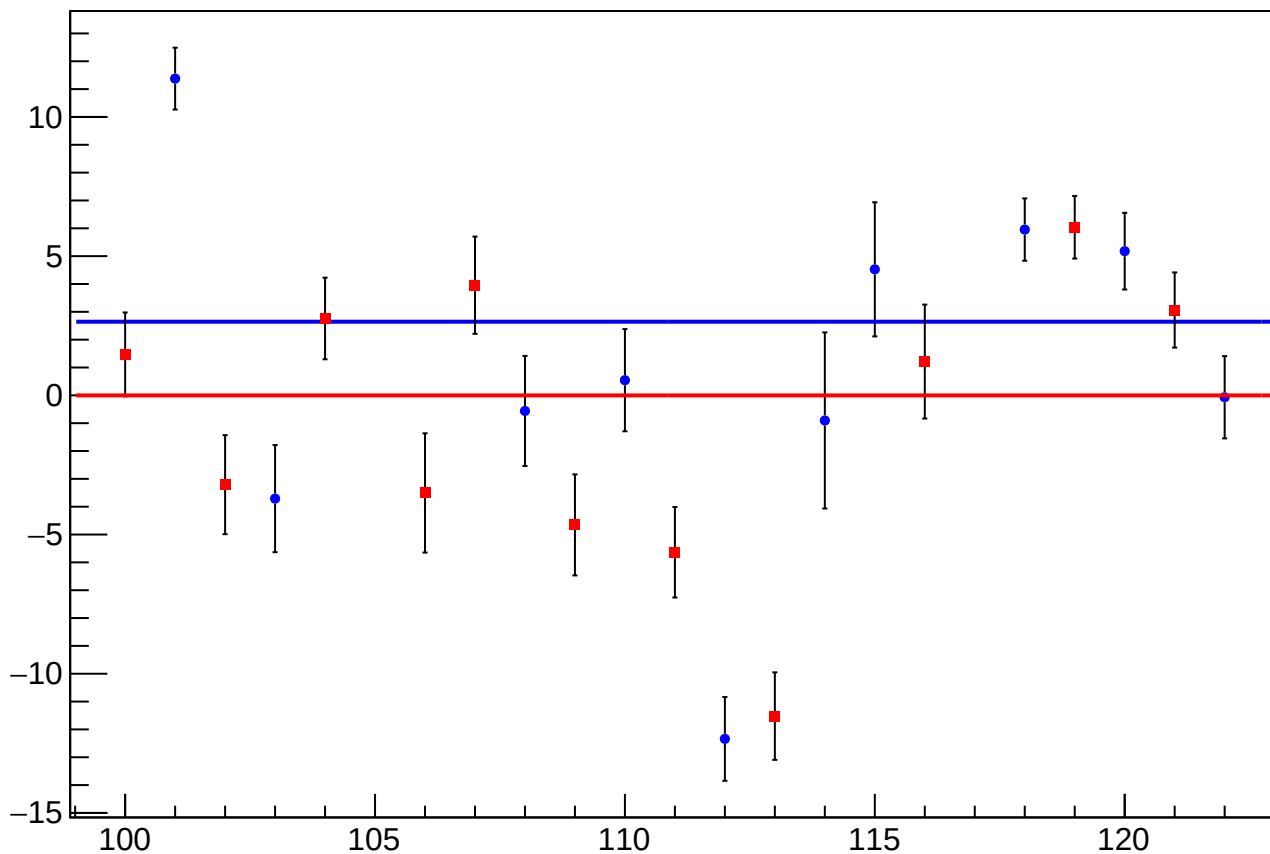
Right: 68.841+/-0.298 χ^2/NDF : 7868.0/20

In: 72.556+/-0.439 χ^2/NDF : 1647.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.841+/-0.298 χ^2/NDF : 7868.0/20

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: -0.003 $\pm$ 0.475 χ^2 /NDF: 122.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

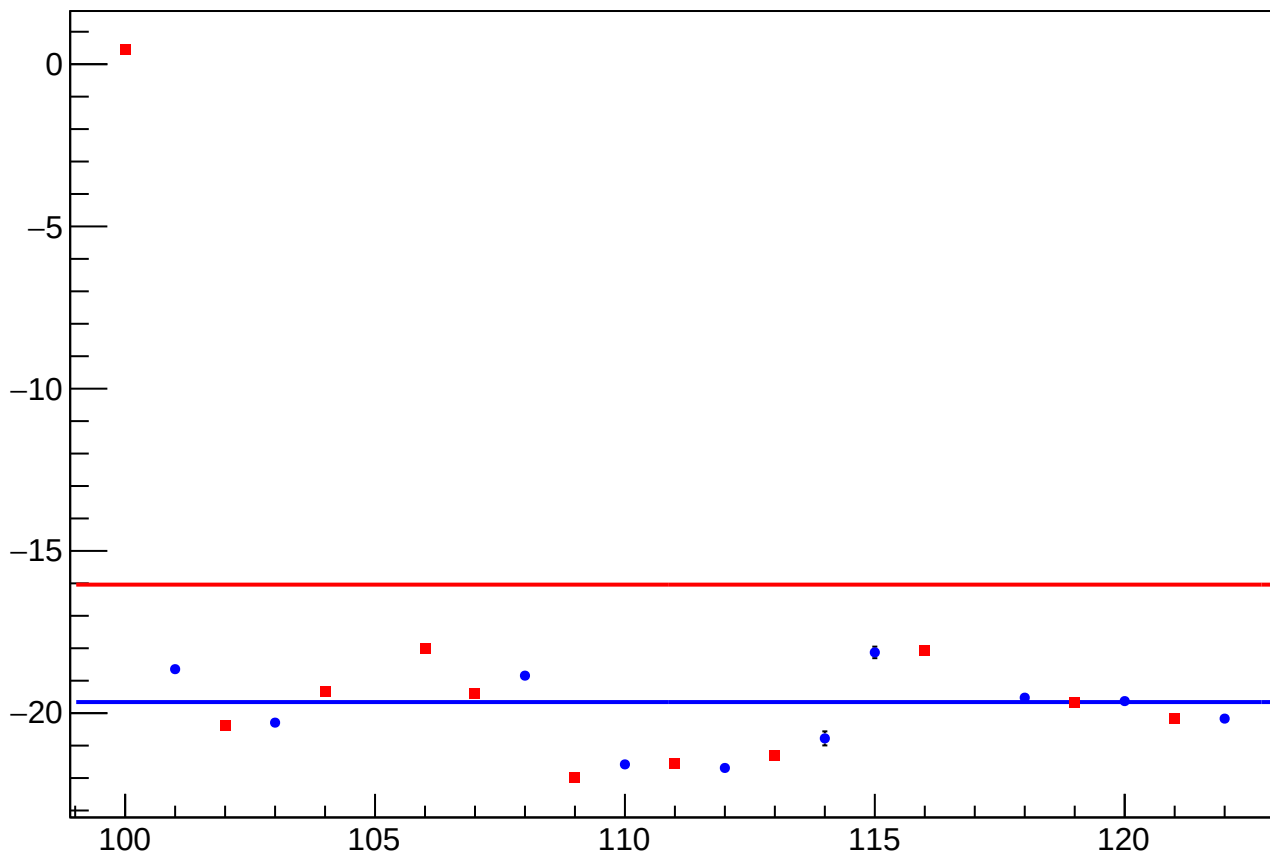
Right: 1.274 $\pm$ 0.342 χ^2 /NDF: 330.4/20

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: 1.274 $\pm$ 0.342 χ^2 /NDF: 330.4/20

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.659 $\pm$ 0.026 χ^2 /NDF: 1513.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.039 $\pm$ 0.023 χ^2 /NDF: 124817.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

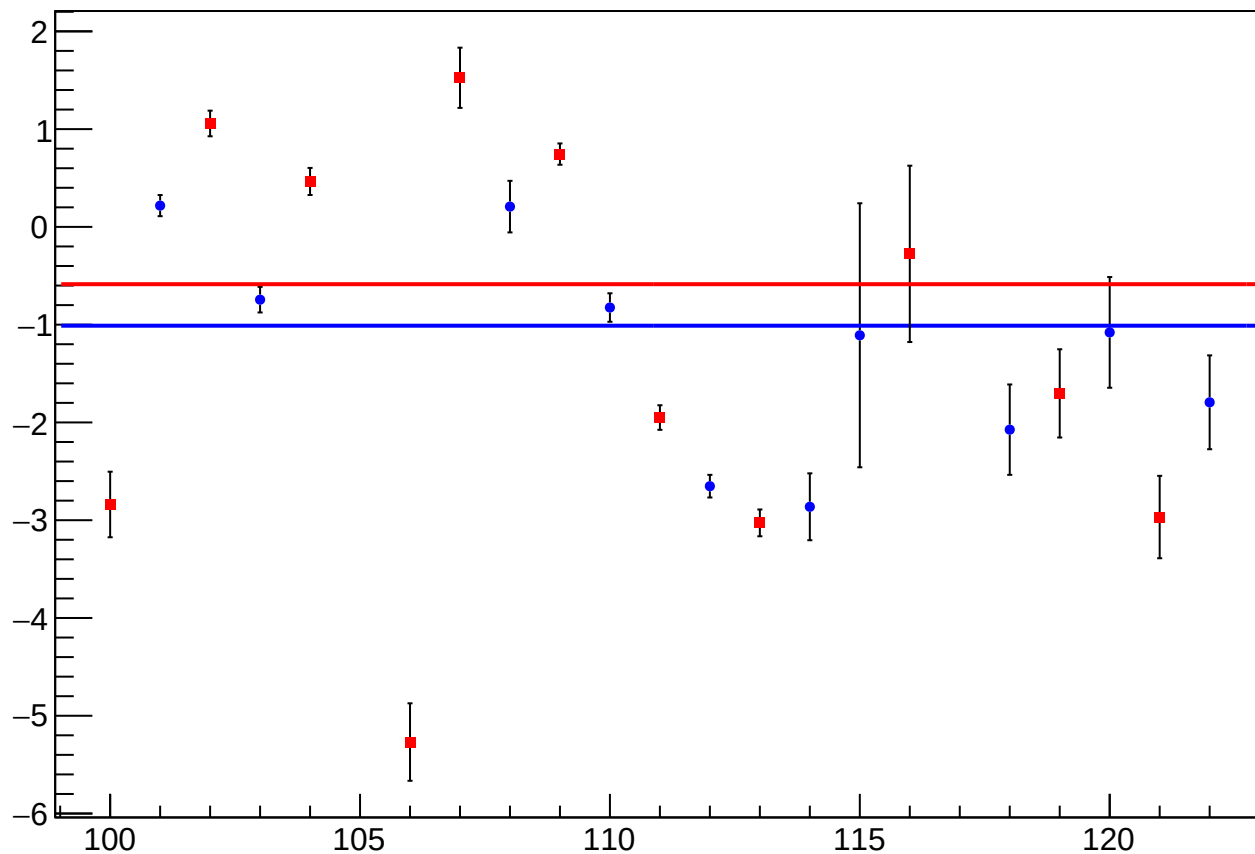
Right: -17.605 $\pm$ 0.017 χ^2 /NDF: 137151.8/20

In: -19.659 $\pm$ 0.026 χ^2 /NDF:1513.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.605 $\pm$ 0.017 χ^2 /NDF: 137151.8/20

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.011 $\pm$ 0.058 χ^2 /NDF: 394.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.586 $\pm$ 0.054 χ^2 /NDF: 1068.9/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

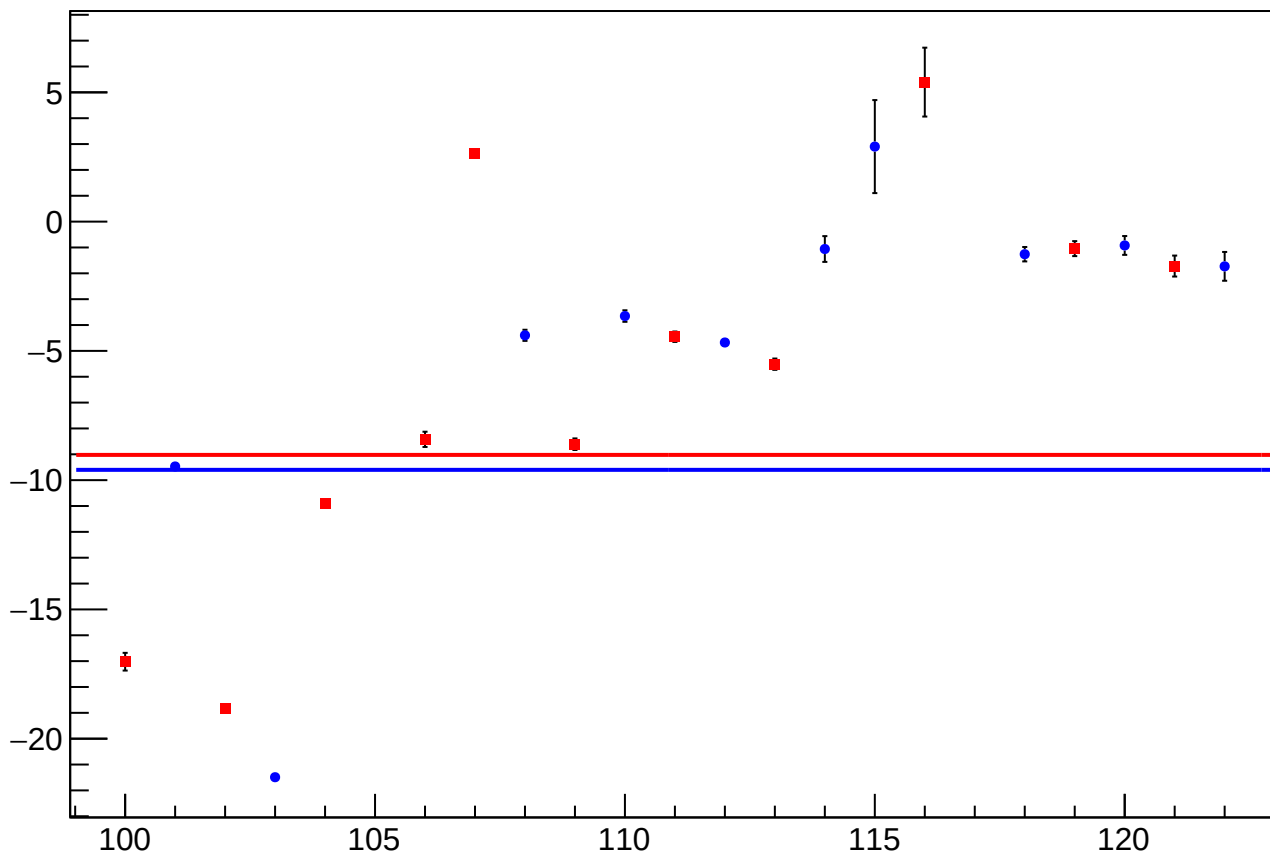
Right: -0.783 $\pm$ 0.039 χ^2 /NDF: 1492.3/20

In: -1.011 $\pm$ 0.058 χ^2 /NDF:394.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.783 $\pm$ 0.039 χ^2 /NDF: 1492.3/20

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: -9.023 ± 0.062 χ^2/NDF : 12392.8/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

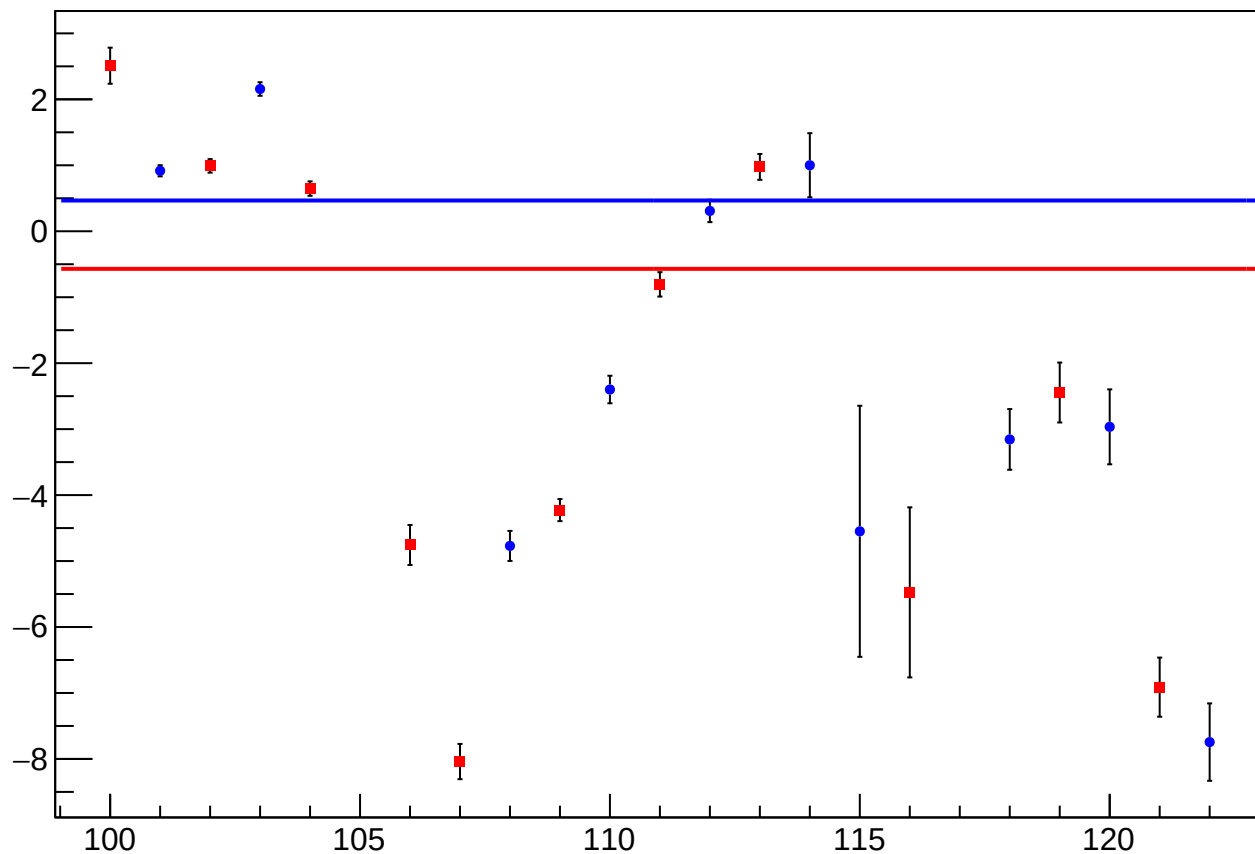
Right: -9.319 ± 0.043 χ^2/NDF : 23738.2/20

In: -9.601 ± 0.060 χ^2/NDF : 11300.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.319 ± 0.043 χ^2/NDF : 23738.2/20

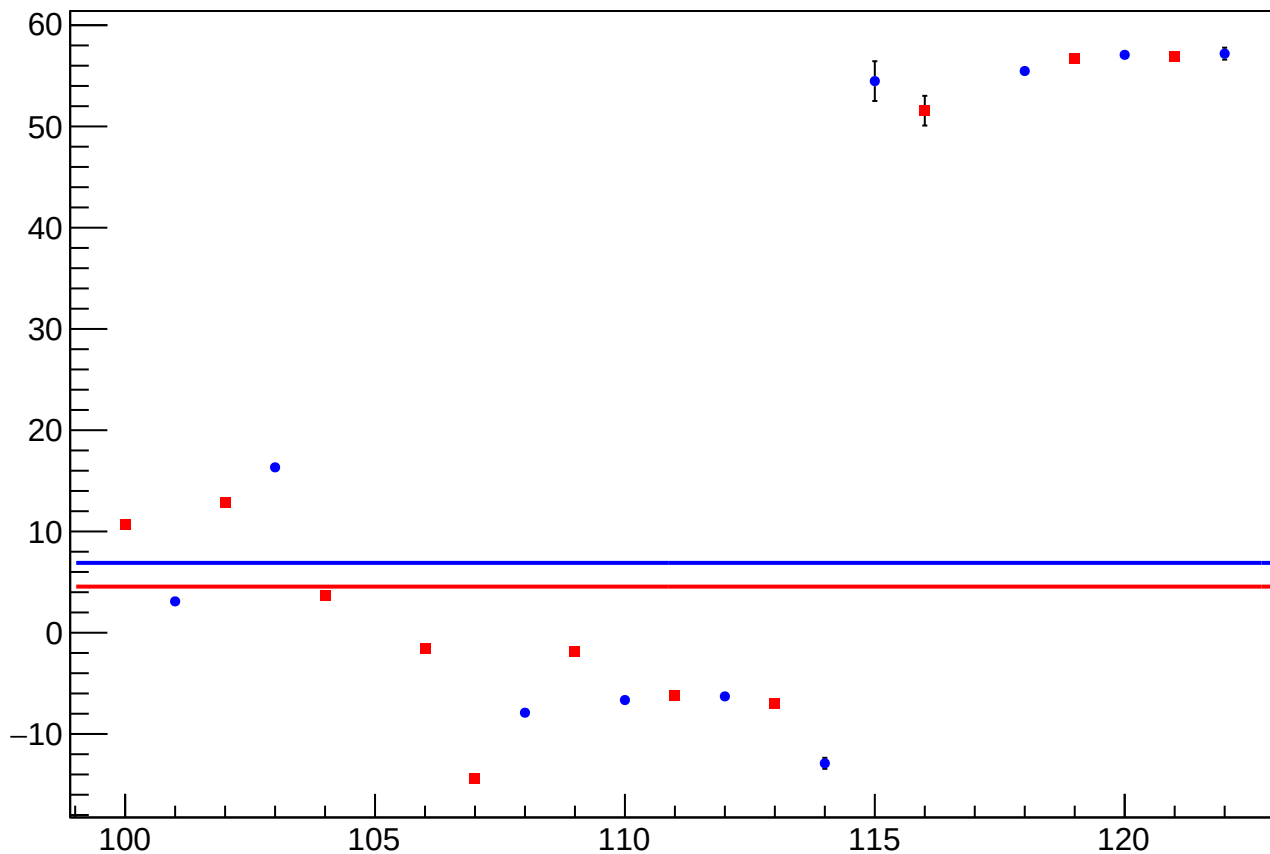
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -0.570+/-0.056 χ^2/NDF : 2226.5/10
 Left 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 : 3719.1/20
 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 : 3719.1/20

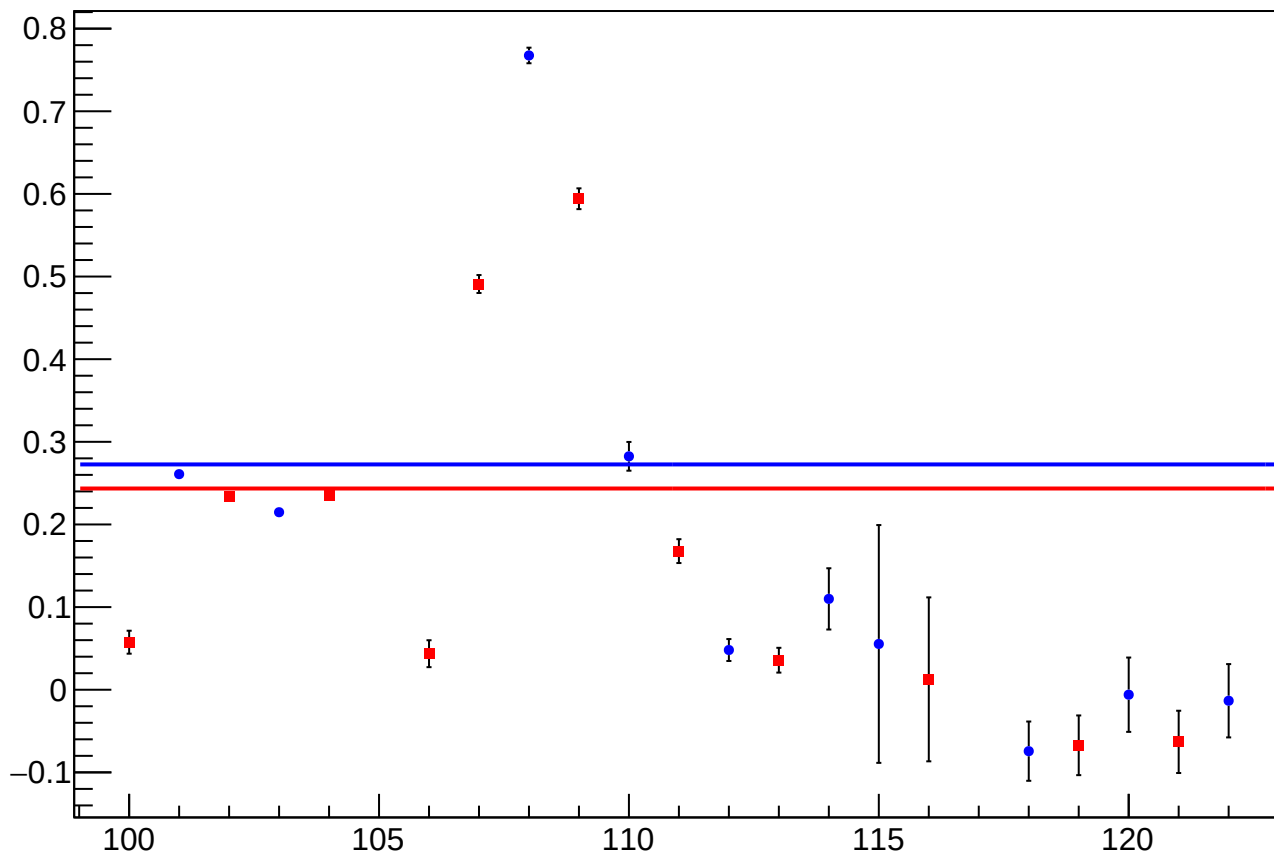
reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.898 $\pm$ 0.073 χ^2 /NDF: 52748.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 4.554 $\pm$ 0.073 χ^2 /NDF: 50331.7/10
 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: 5.733 $\pm$ 0.052 χ^2 /NDF: 103594.3/20
 In: 6.898 $\pm$ 0.073 χ^2 /NDF:52748.7/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 5.733 $\pm$ 0.052 χ^2 /NDF: 103594.3/20

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: 0.244+/-0.003 χ^2/NDF : 1999.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

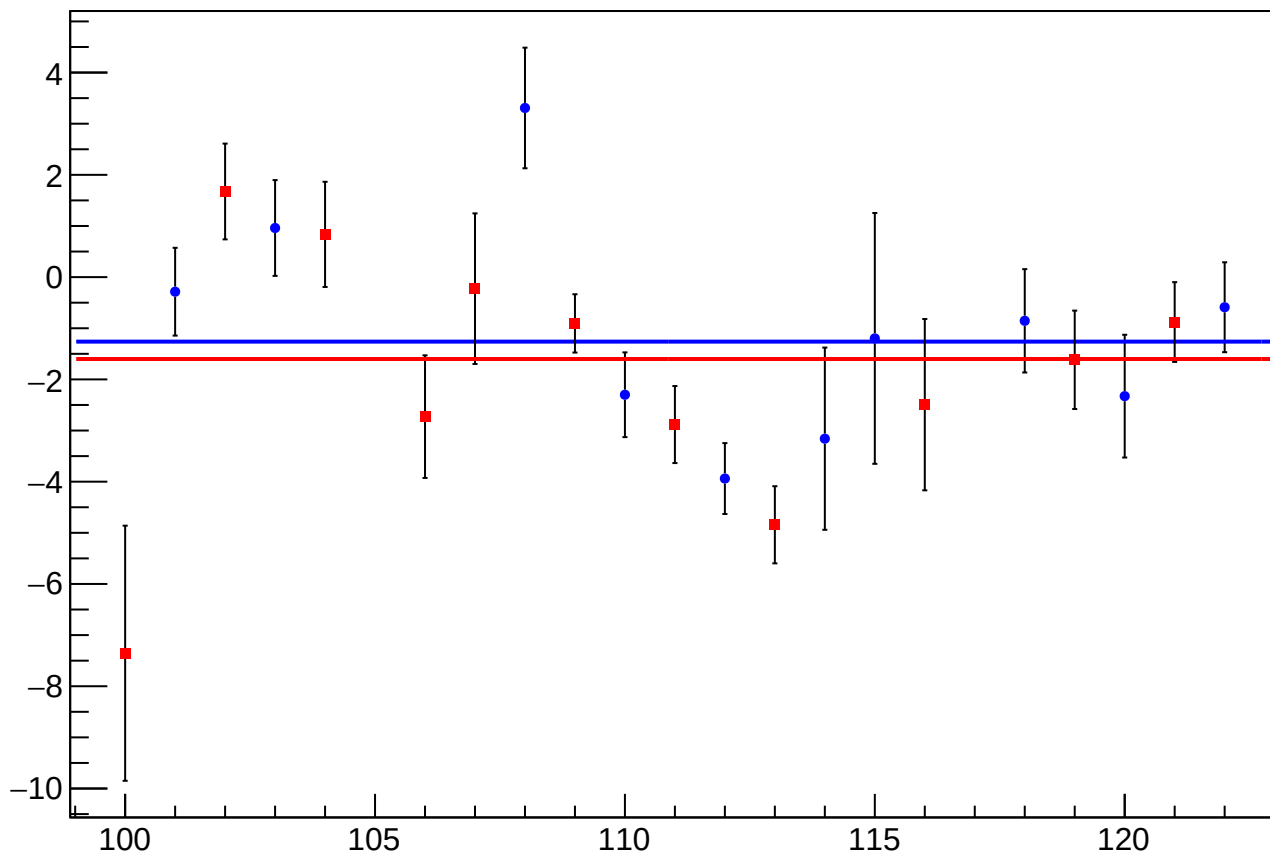
Right: 0.258+/-0.002 χ^2/NDF : 5475.6/20

In: 0.273+/-0.003 χ^2/NDF : 3425.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.258+/-0.002 χ^2/NDF : 5475.6/20

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: -1.601 ± 0.276 χ^2/NDF : 48.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

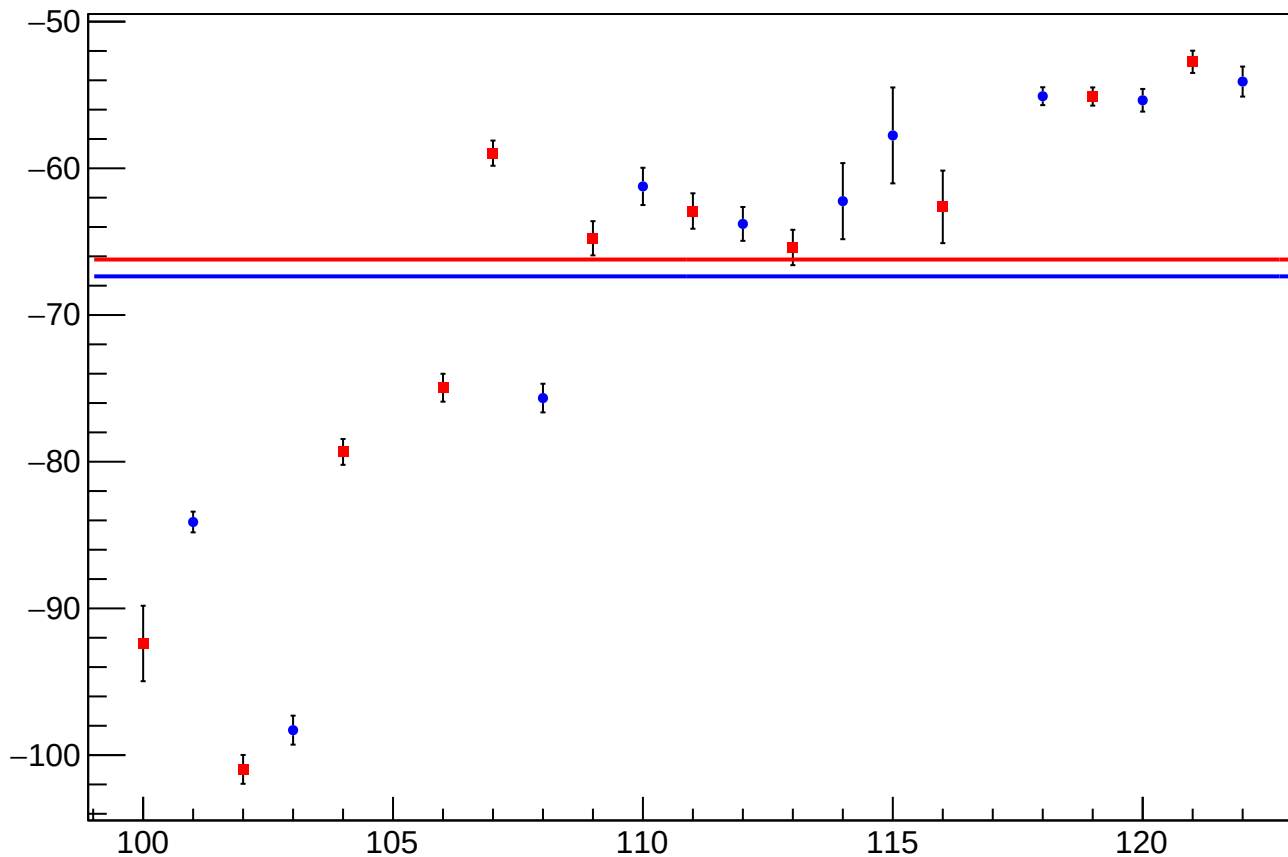
Right: -1.452 ± 0.207 χ^2/NDF : 90.7/20

In: -1.261 ± 0.313 χ^2/NDF : 41.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.452 ± 0.207 χ^2/NDF : 90.7/20

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -67.365+/-0.301 χ^2/NDF : 2473.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -66.217+/-0.294 χ^2/NDF : 2379.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

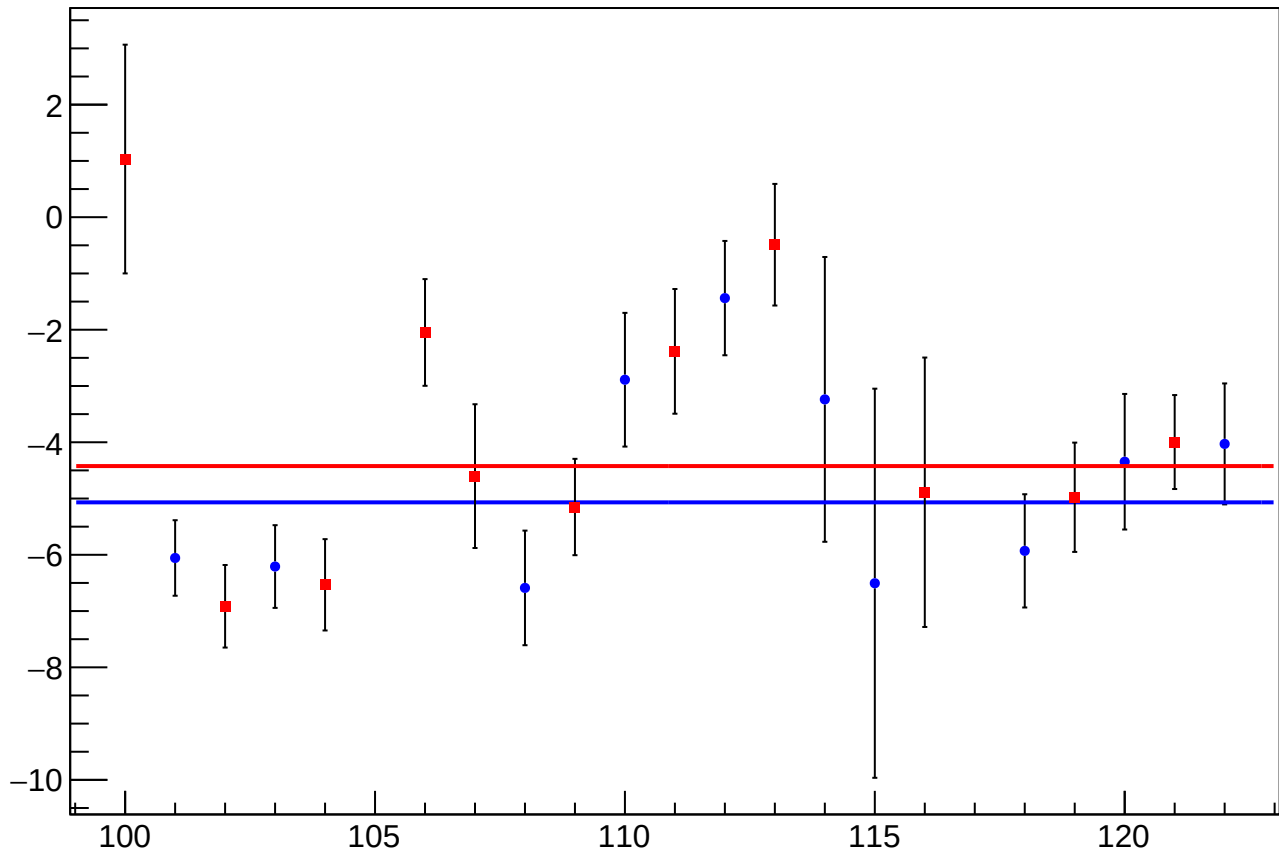
Right: -66.777+/-0.211 χ^2/NDF : 4860.2/20

In: -67.365+/-0.301 χ^2/NDF :2473.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -66.777+/-0.211 χ^2/NDF : 4860.2/20

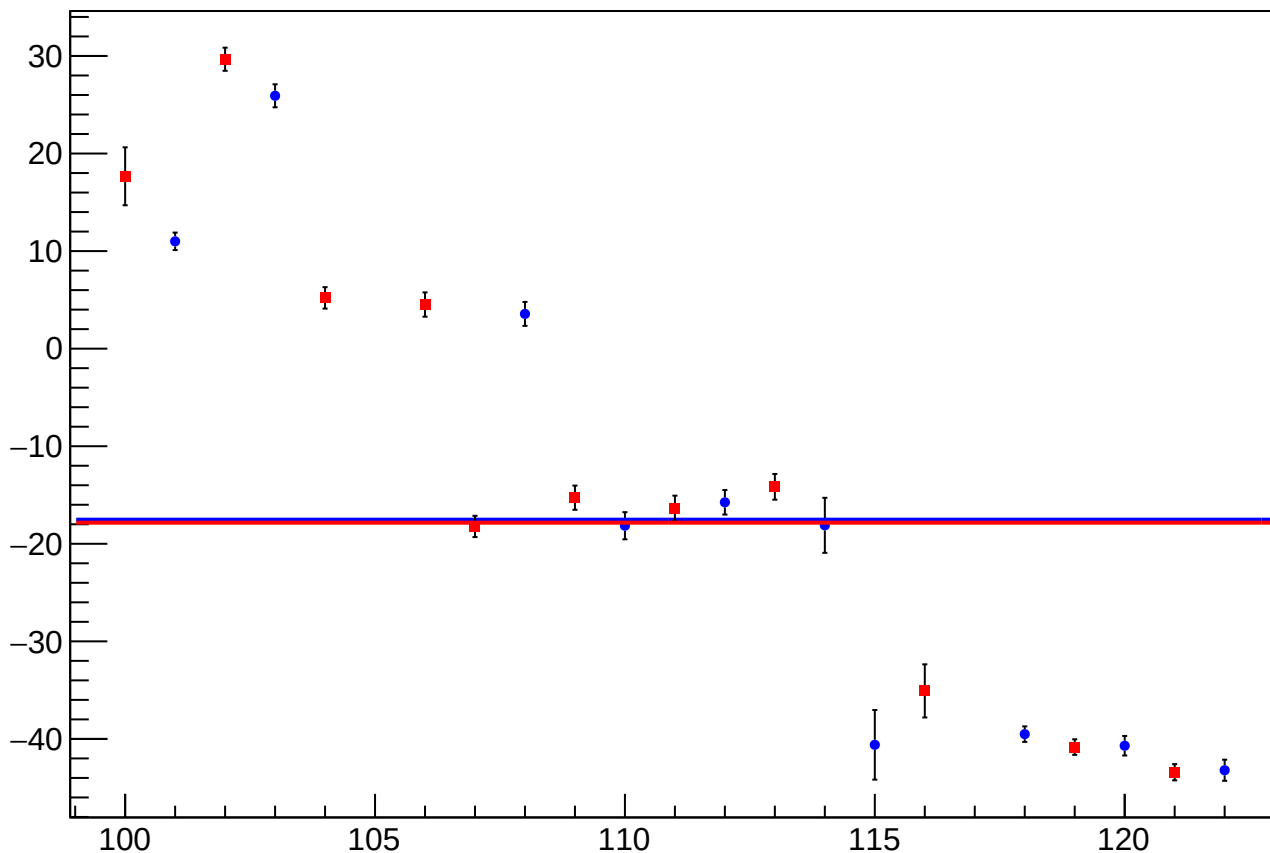
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.068 $\pm$ 0.325 χ^2 /NDF: 25.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -4.423 $\pm$ 0.301 χ^2 /NDF: 49.8/10
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -4.721 $\pm$ 0.221 χ^2 /NDF: 77.6/20
 In: -5.068 $\pm$ 0.325 χ^2 /NDF:25.7/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -4.721 $\pm$ 0.221 χ^2 /NDF: 77.6/20

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.530 $\pm$ 0.367 χ^2 /NDF: 4575.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.837 $\pm$ 0.351 χ^2 /NDF: 4342.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

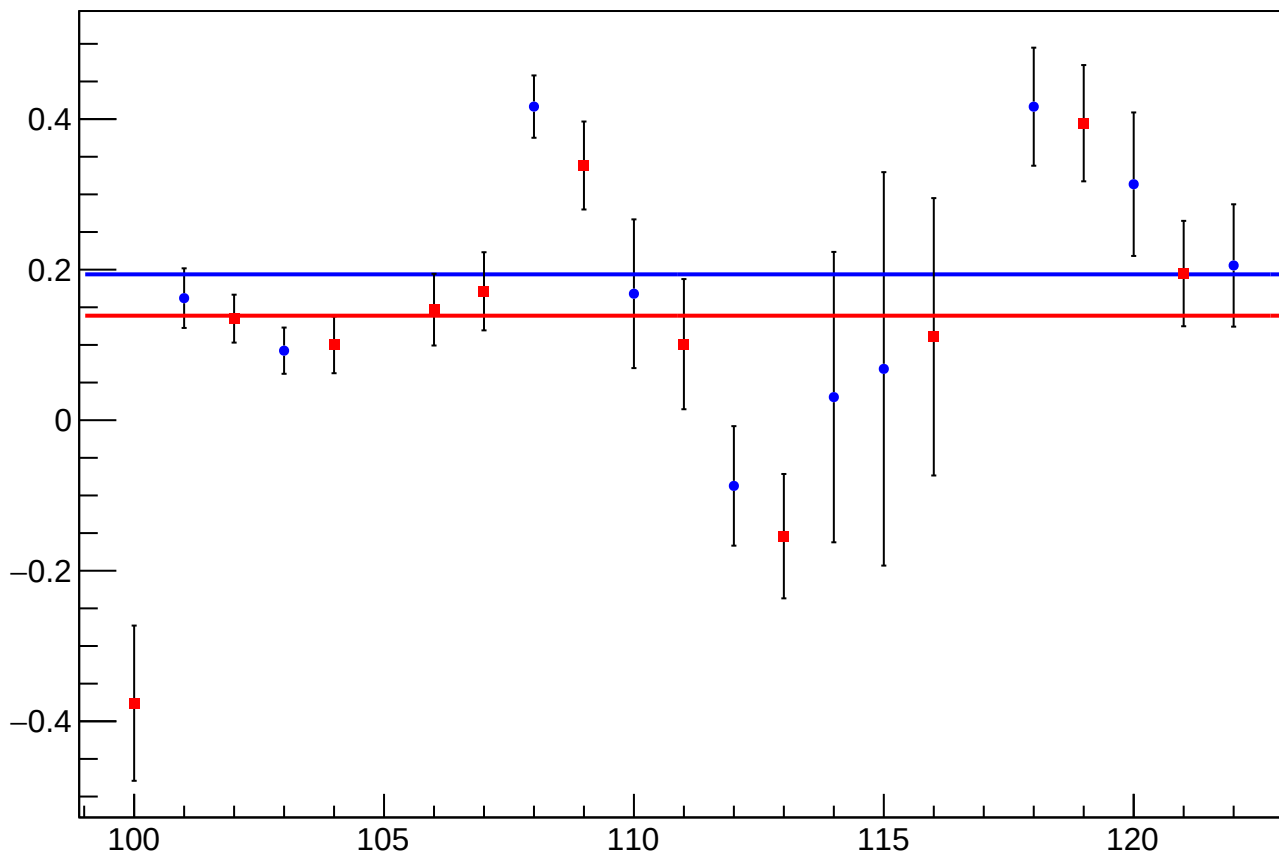
Right: -17.690 $\pm$ 0.254 χ^2 /NDF: 8918.2/20

In: -17.530 $\pm$ 0.367 χ^2 /NDF:4575.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.690 $\pm$ 0.254 χ^2 /NDF: 8918.2/20

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: 0.139+/-0.017 χ^2/NDF : 62.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

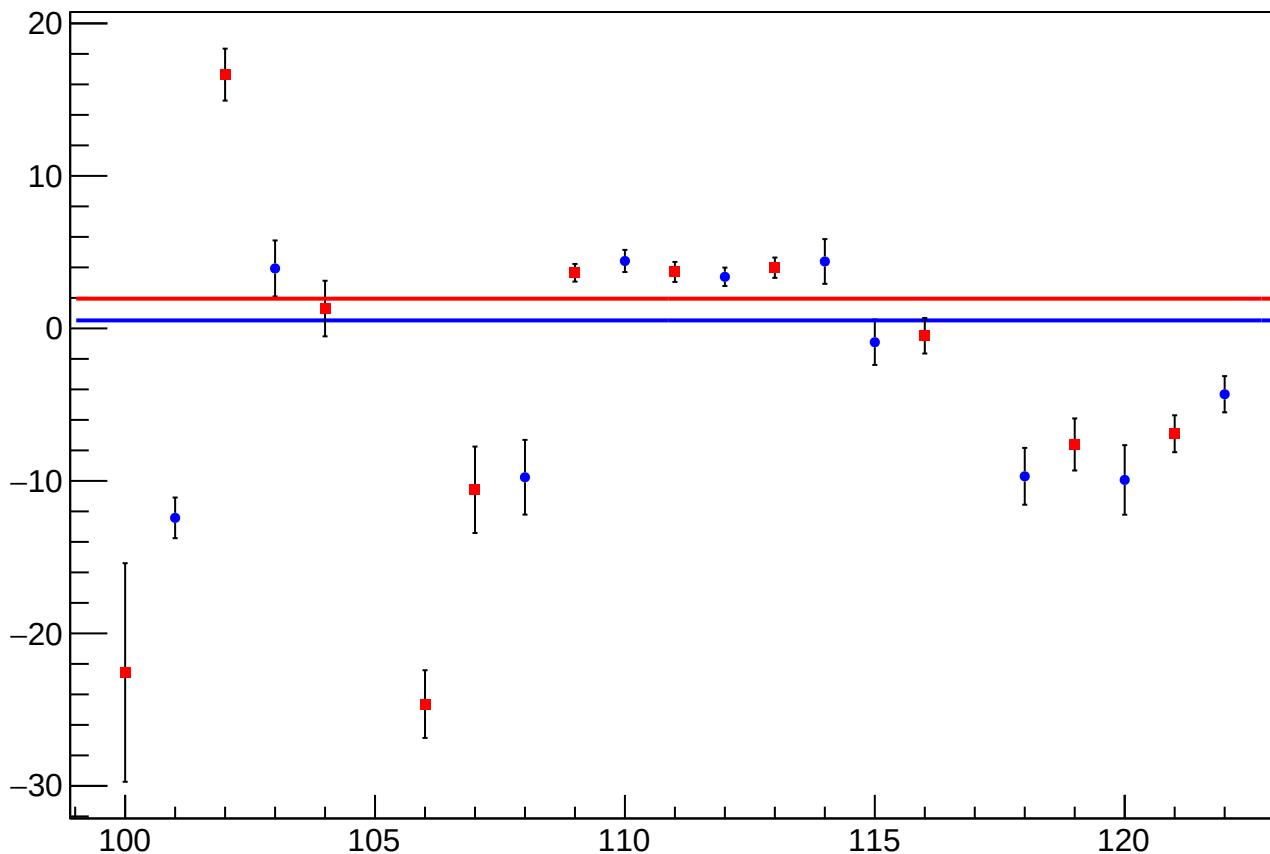
Right: 0.164+/-0.012 χ^2/NDF : 131.1/20

In: 0.194+/-0.018 χ^2/NDF : 63.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.164+/-0.012 χ^2/NDF : 131.1/20

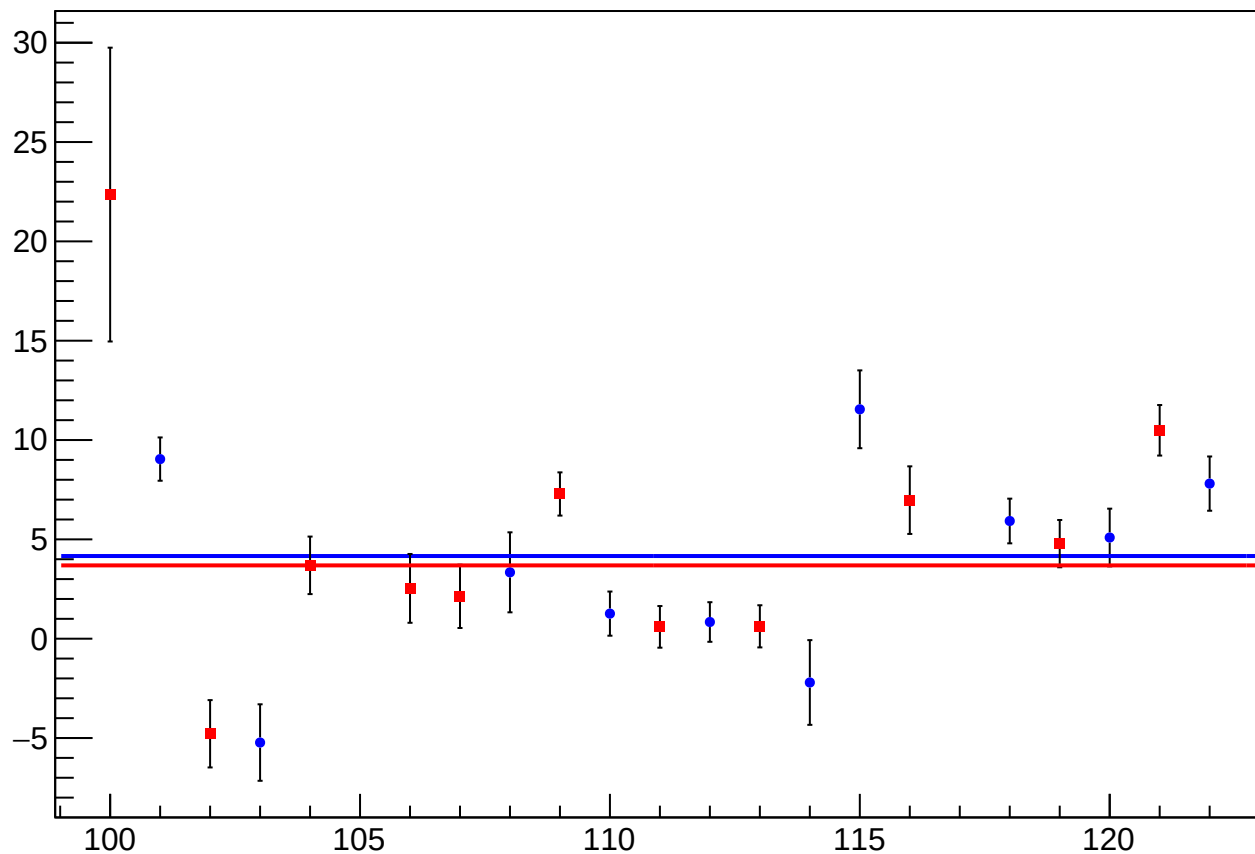
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: 1.950+/-0.311 χ^2/NDF : 363.7/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.337+/-0.235 χ^2/NDF : 614.9/20
 In: 0.524+/-0.359 χ^2/NDF :242.1/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 1.337+/-0.235 χ^2/NDF : 614.9/20

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: 3.690+/-0.412 χ^2/NDF : 93.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

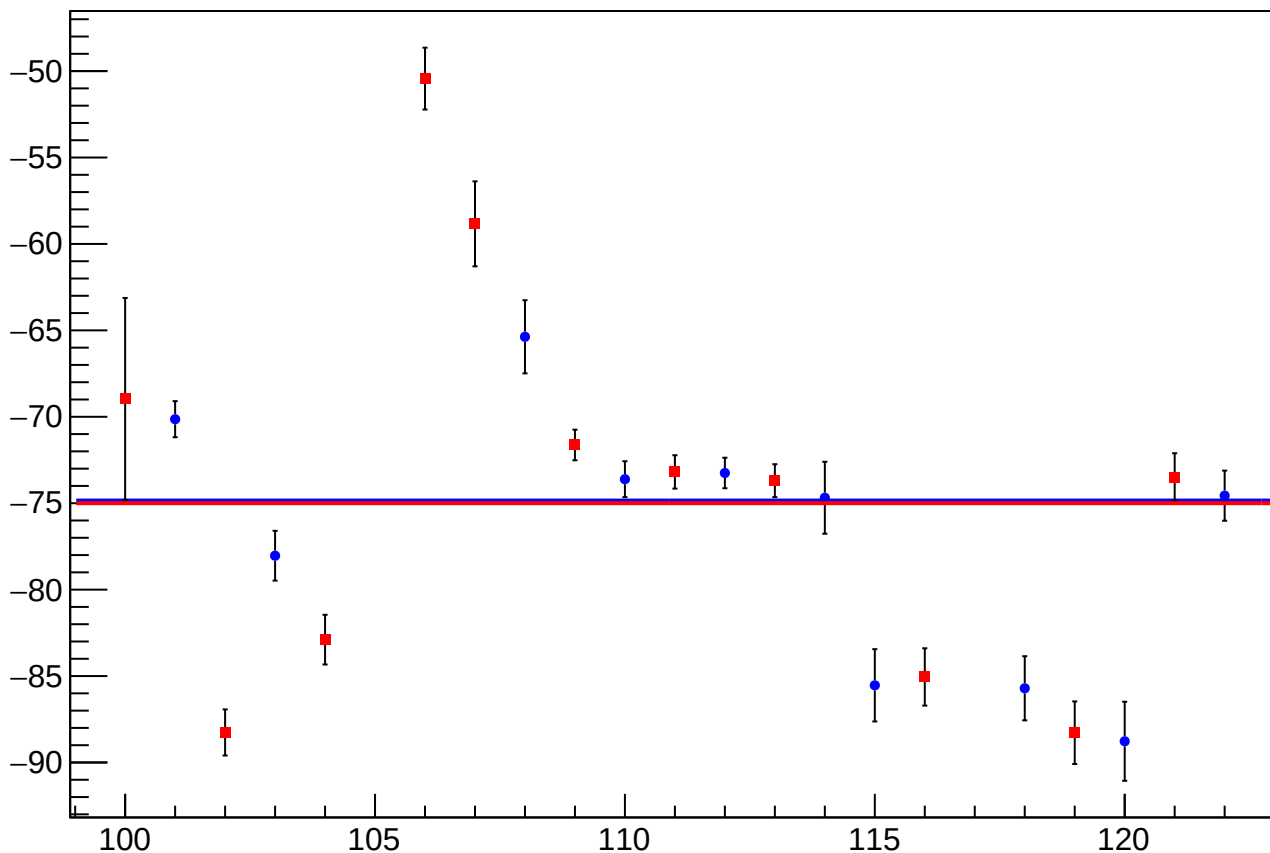
Right: 3.917+/-0.297 χ^2/NDF : 189.6/20

In: 4.161+/-0.428 χ^2/NDF : 95.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.917+/-0.297 χ^2/NDF : 189.6/20

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: -74.998 $\pm$ 0.402 χ^2 /NDF: 473.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

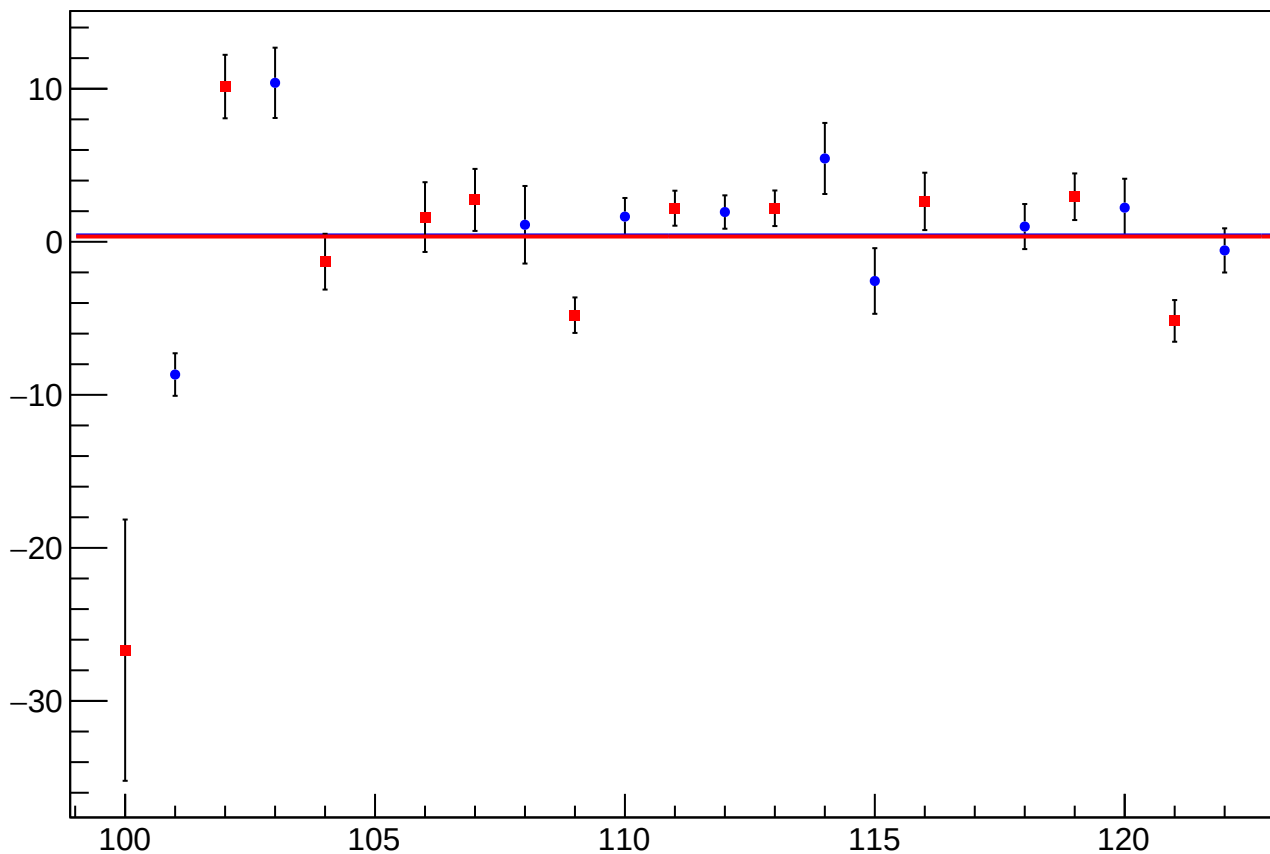
Right: -74.929 $\pm$ 0.296 χ^2 /NDF: 621.0/20

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: -74.929 $\pm$ 0.296 χ^2 /NDF: 621.0/20

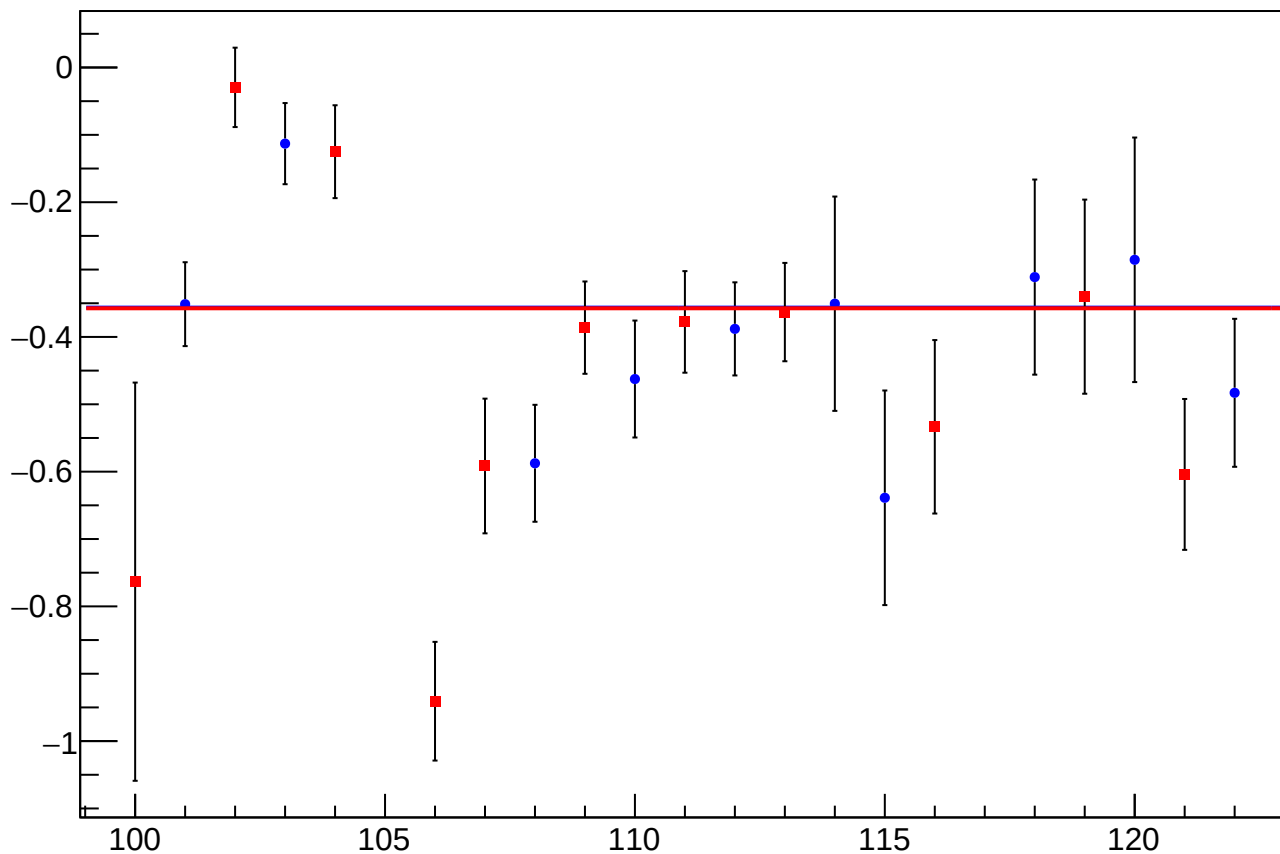
reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 0.345+/-0.472 χ^2/NDF : 80.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.379+/-0.343 χ^2/NDF : 153.2/20
 In: 0.417+/-0.500 χ^2/NDF : 72.8/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.379+/-0.343 χ^2/NDF : 153.2/20

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: -0.357+/-0.026 χ^2/NDF : 100.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

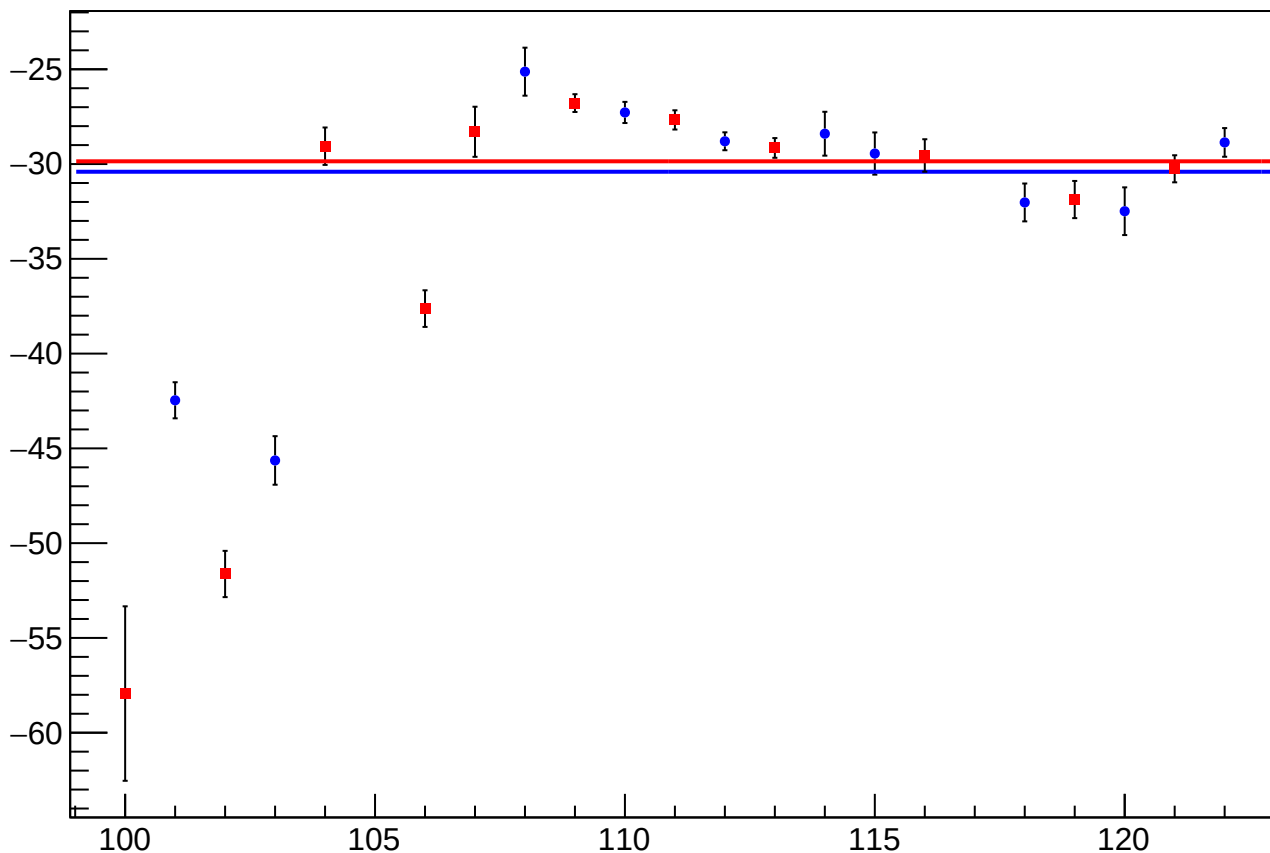
Right: -0.357+/-0.019 χ^2/NDF : 130.4/20

In: -0.356+/-0.028 χ^2/NDF : 29.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.357+/-0.019 χ^2/NDF : 130.4/20

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: -29.855 $\pm$ 0.224 χ^2 /NDF: 490.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

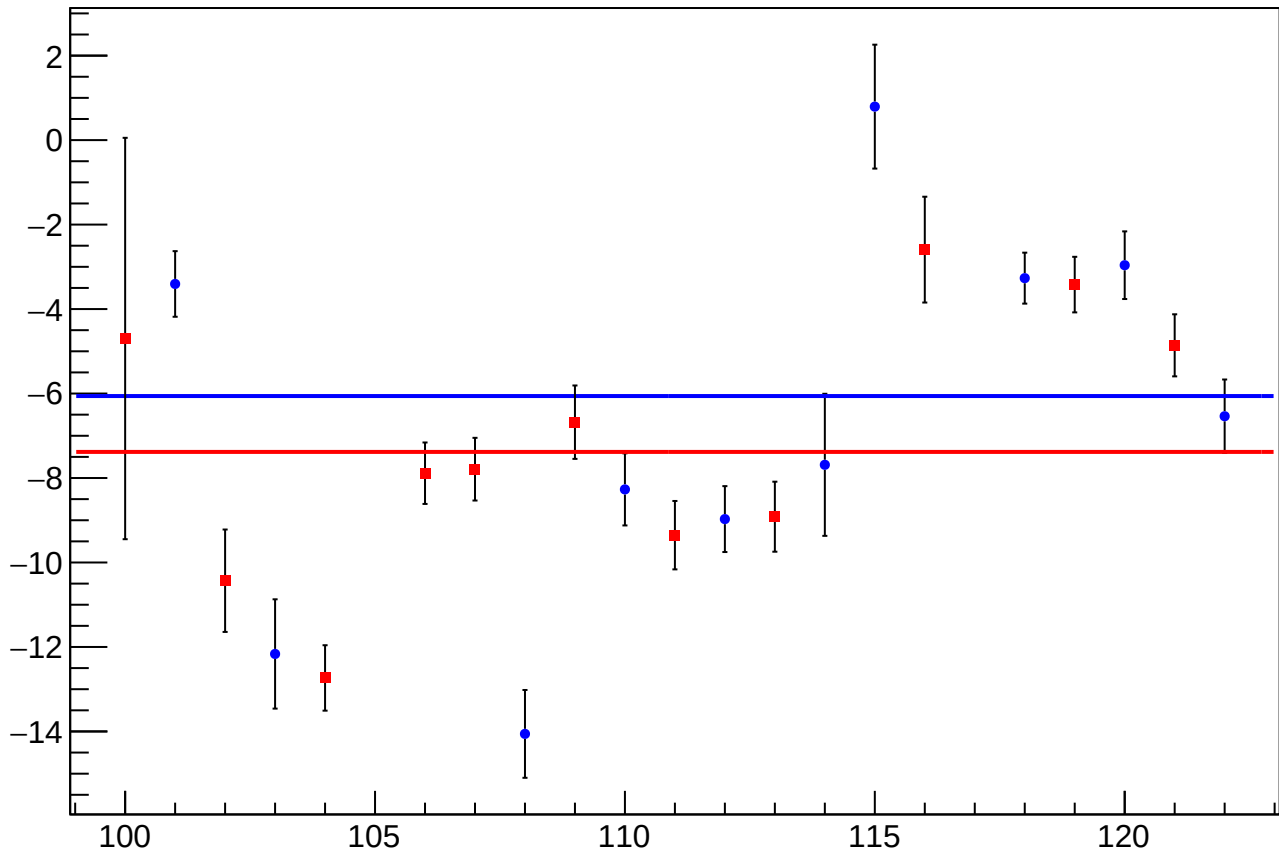
Right: -30.092 $\pm$ 0.169 χ^2 /NDF: 868.2/20

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: -30.092 $\pm$ 0.169 χ^2 /NDF: 868.2/20

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: -7.382 ± 0.256 χ^2/NDF : 127.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

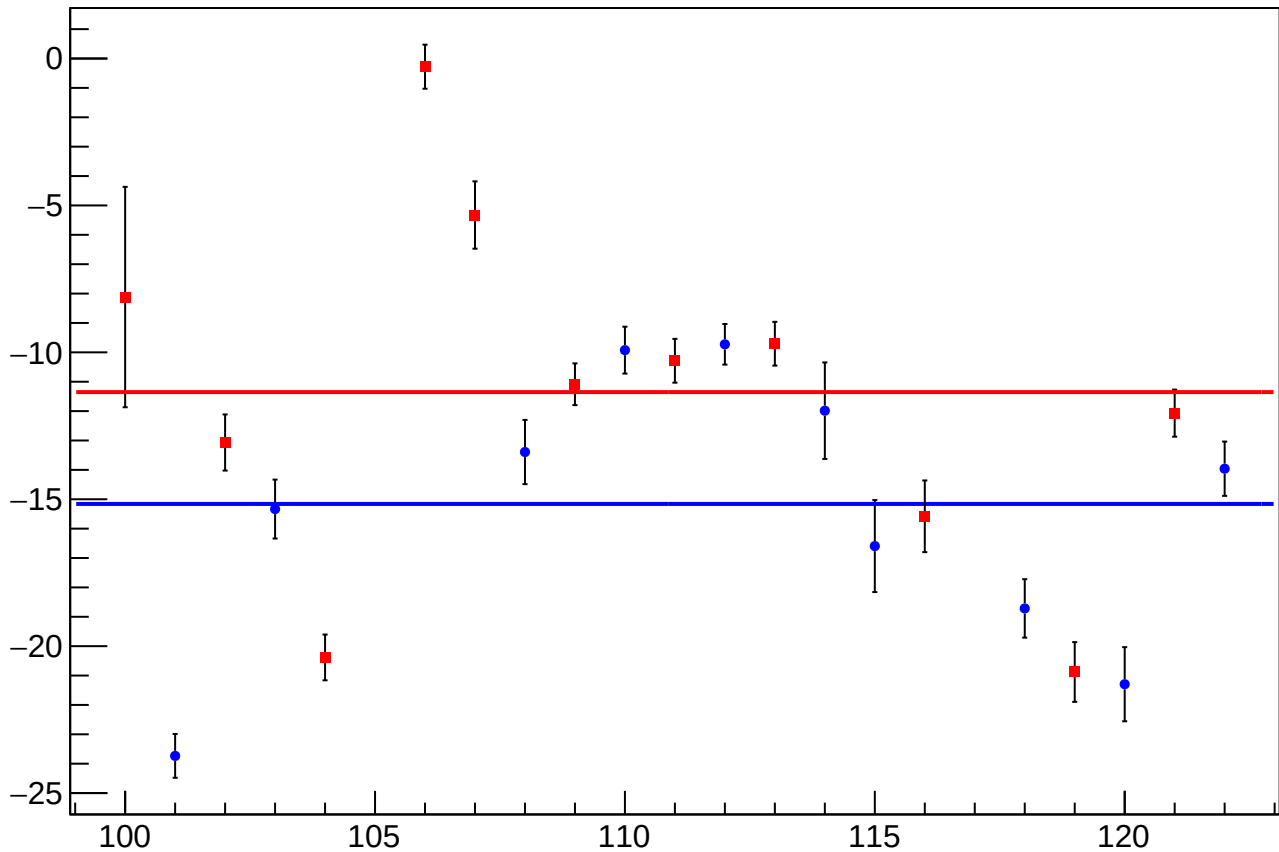
Right: -6.781 ± 0.189 χ^2/NDF : 313.2/20

In: -6.059 ± 0.281 χ^2/NDF : 173.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.781 ± 0.189 χ^2/NDF : 313.2/20

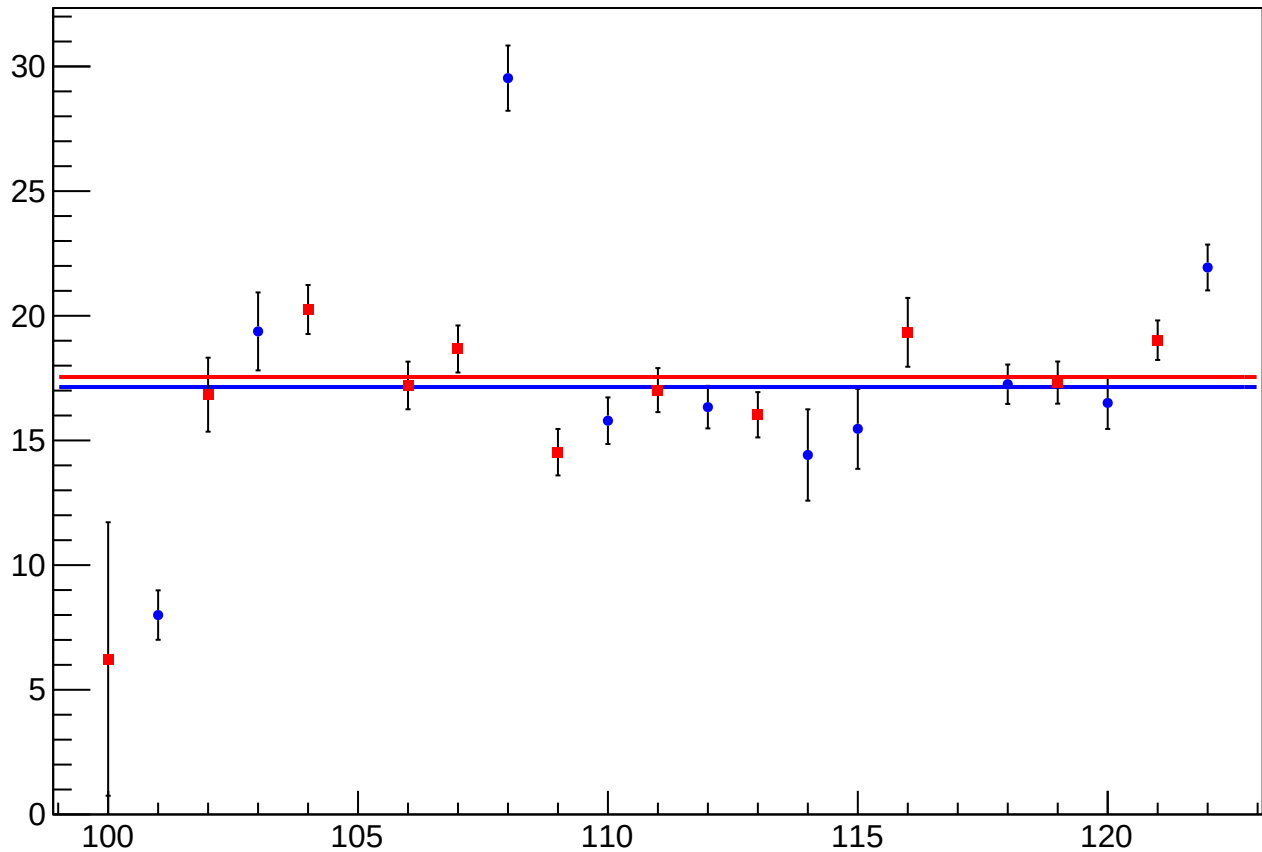
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -11.353 ± 0.266 χ^2/NDF : 492.0/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -13.009 ± 0.200 χ^2/NDF : 863.6/20
 In: -15.159 ± 0.303 χ^2/NDF : 282.6/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -13.009 ± 0.200 χ^2/NDF : 863.6/20

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.143 $\pm$ 0.335 χ^2/NDF : 210.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 17.544 $\pm$ 0.303 χ^2/NDF : 32.5/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

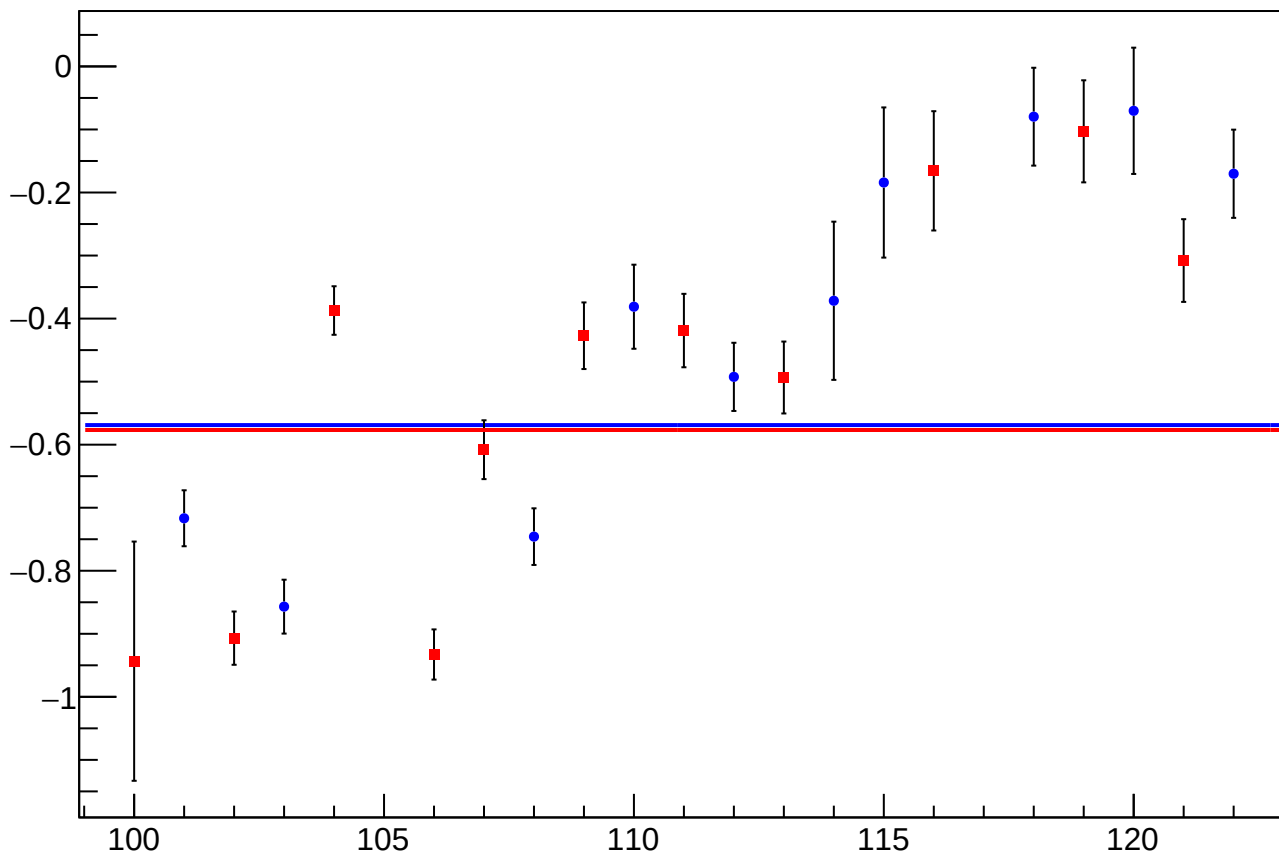
Right: 17.363 $\pm$ 0.225 χ^2/NDF : 244.0/20

In: 17.143 $\pm$ 0.335 χ^2/NDF : 210.7/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 17.363 $\pm$ 0.225 χ^2/NDF : 244.0/20

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: -0.577+/-0.016 χ^2 /NDF: 256.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

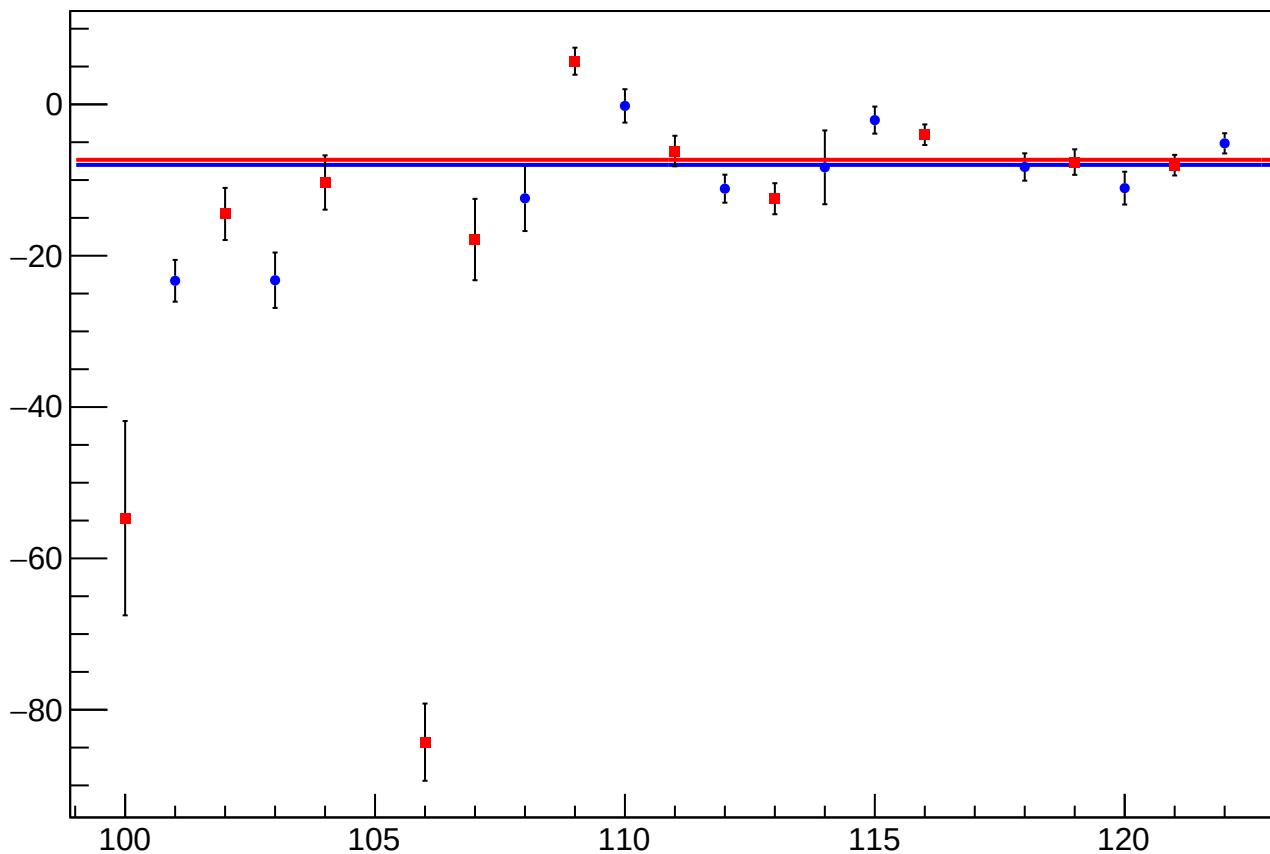
Right: -0.573+/-0.012 χ^2 /NDF: 448.8/20

In: -0.569+/-0.019 χ^2 /NDF:191.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.573+/-0.012 χ^2 /NDF: 448.8/20

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.997+/-0.676 χ^2/NDF : 82.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.324+/-0.636 χ^2/NDF : 315.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

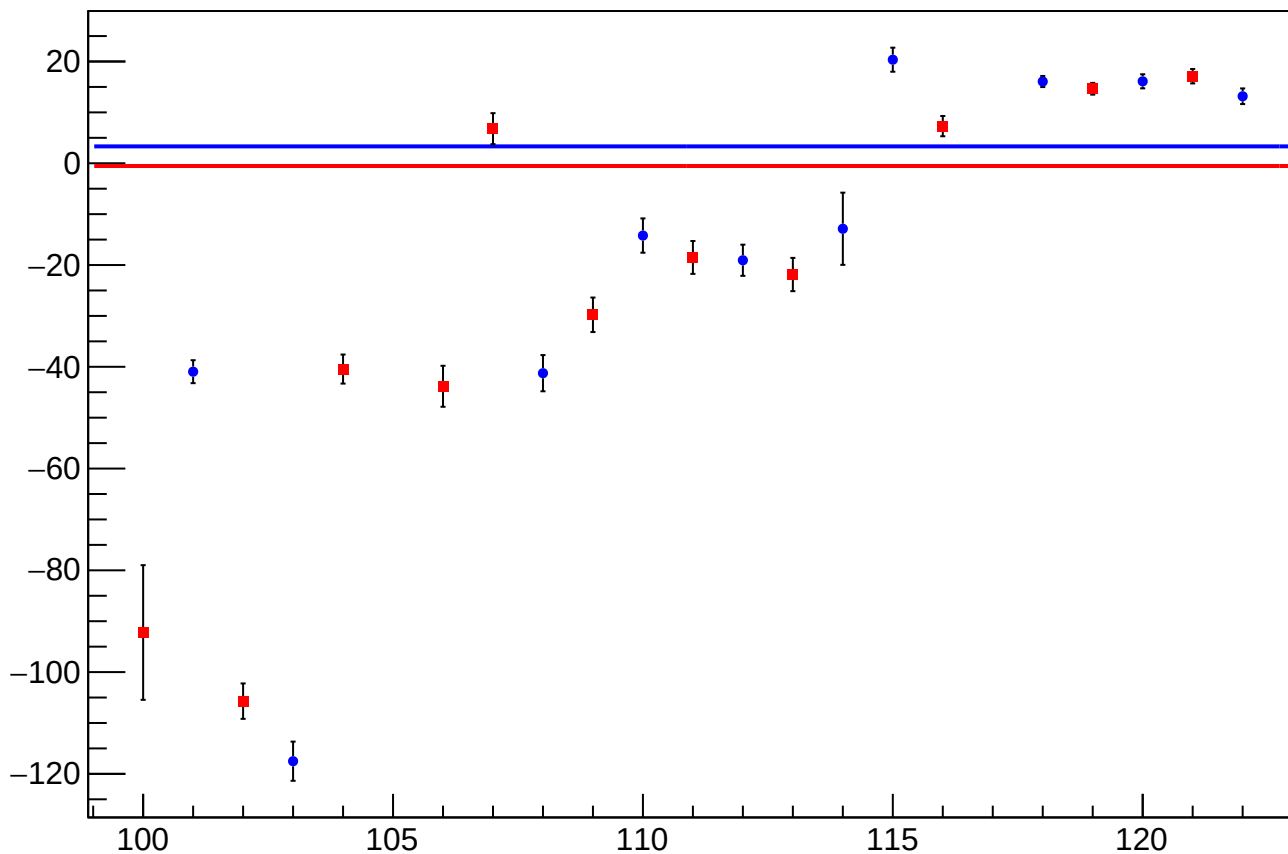
Right: -7.640+/-0.463 χ^2/NDF : 398.4/20

In: -7.997+/-0.676 χ^2/NDF : 82.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.640+/-0.463 χ^2/NDF : 398.4/20

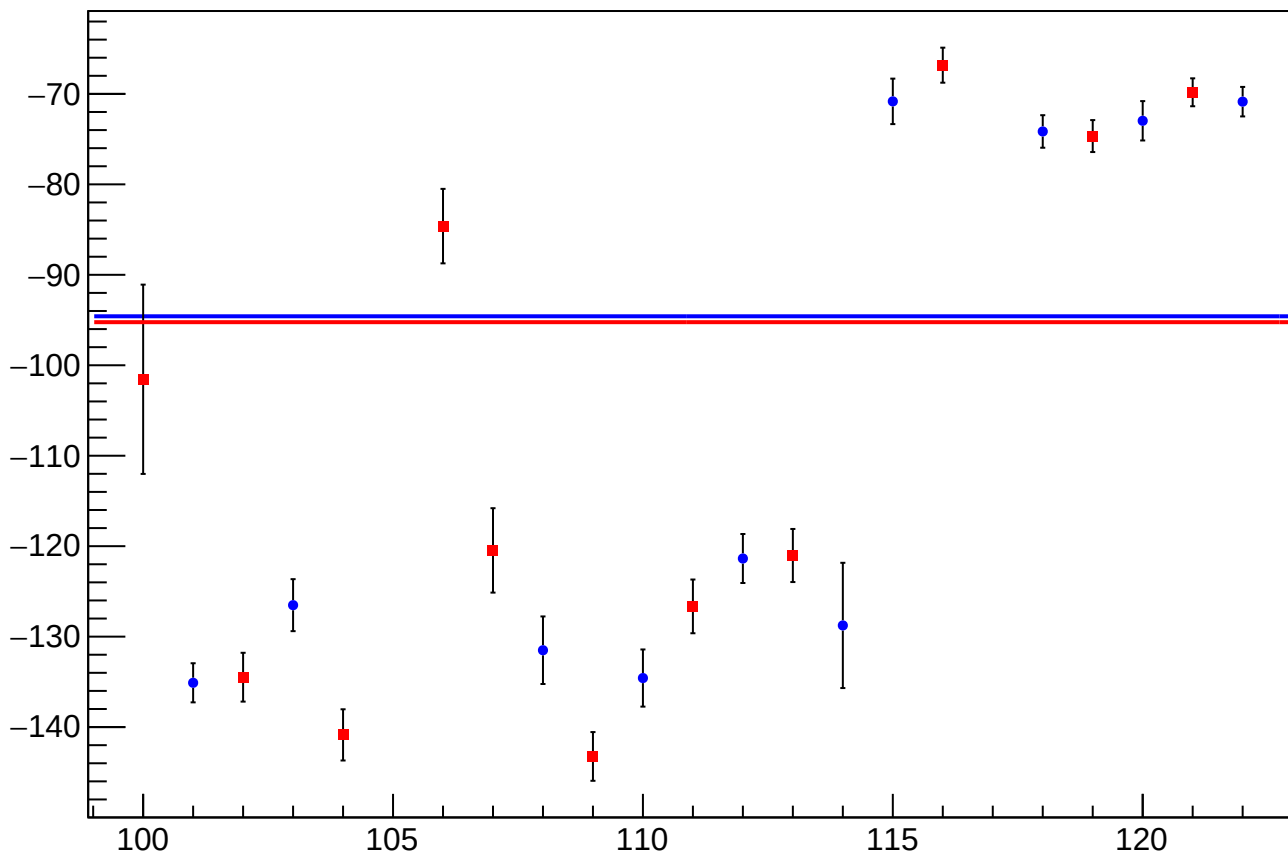
reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -0.540+/-0.680 χ^2/NDF : 1770.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.536+/-0.462 χ^2/NDF : 3715.0/20
 In: 3.317+/-0.630 χ^2/NDF : 1927.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.536+/-0.462 χ^2/NDF : 3715.0/20

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.585 ± 0.763 χ^2/NDF : 1383.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -95.236 ± 0.756 χ^2/NDF : 1636.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

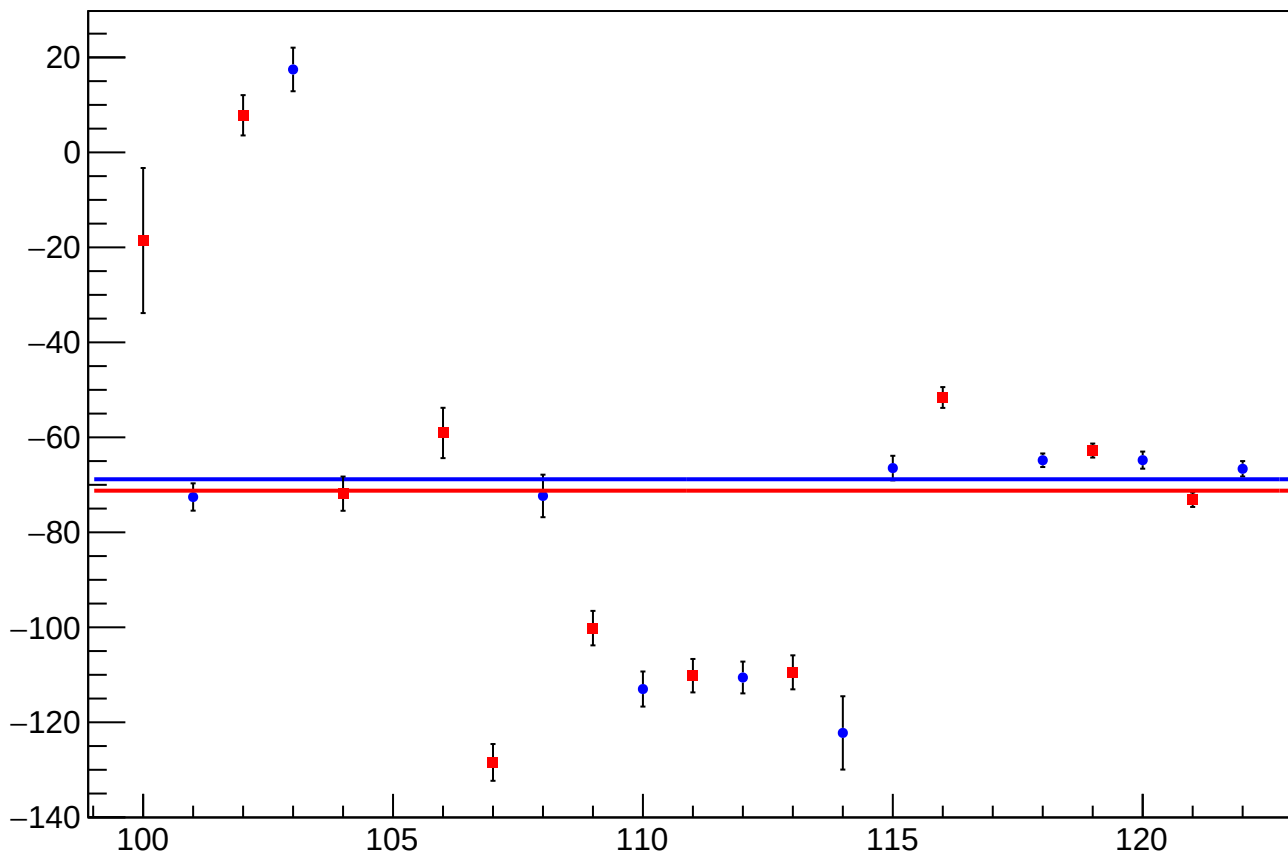
Right: -94.914 ± 0.537 χ^2/NDF : 3020.1/20

In: -94.585 ± 0.763 χ^2/NDF : 1383.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -94.914 ± 0.537 χ^2/NDF : 3020.1/20

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: -71.229+/-0.797 χ^2/NDF : 997.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

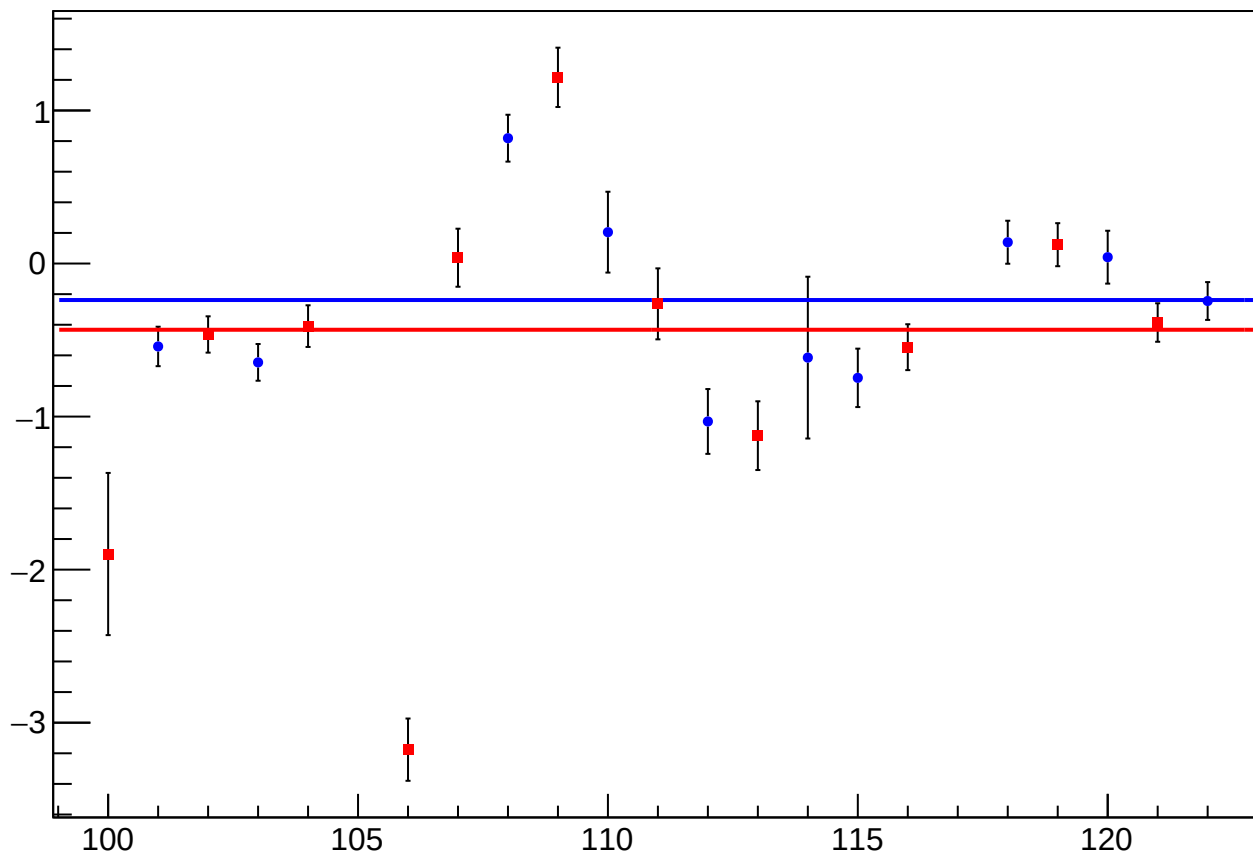
Right: -69.972+/-0.551 χ^2/NDF : 1719.9/20

In: -68.824+/-0.761 χ^2/NDF : 717.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.972+/-0.551 χ^2/NDF : 1719.9/20

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: -0.433 ± 0.050 χ^2/NDF : 294.5/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

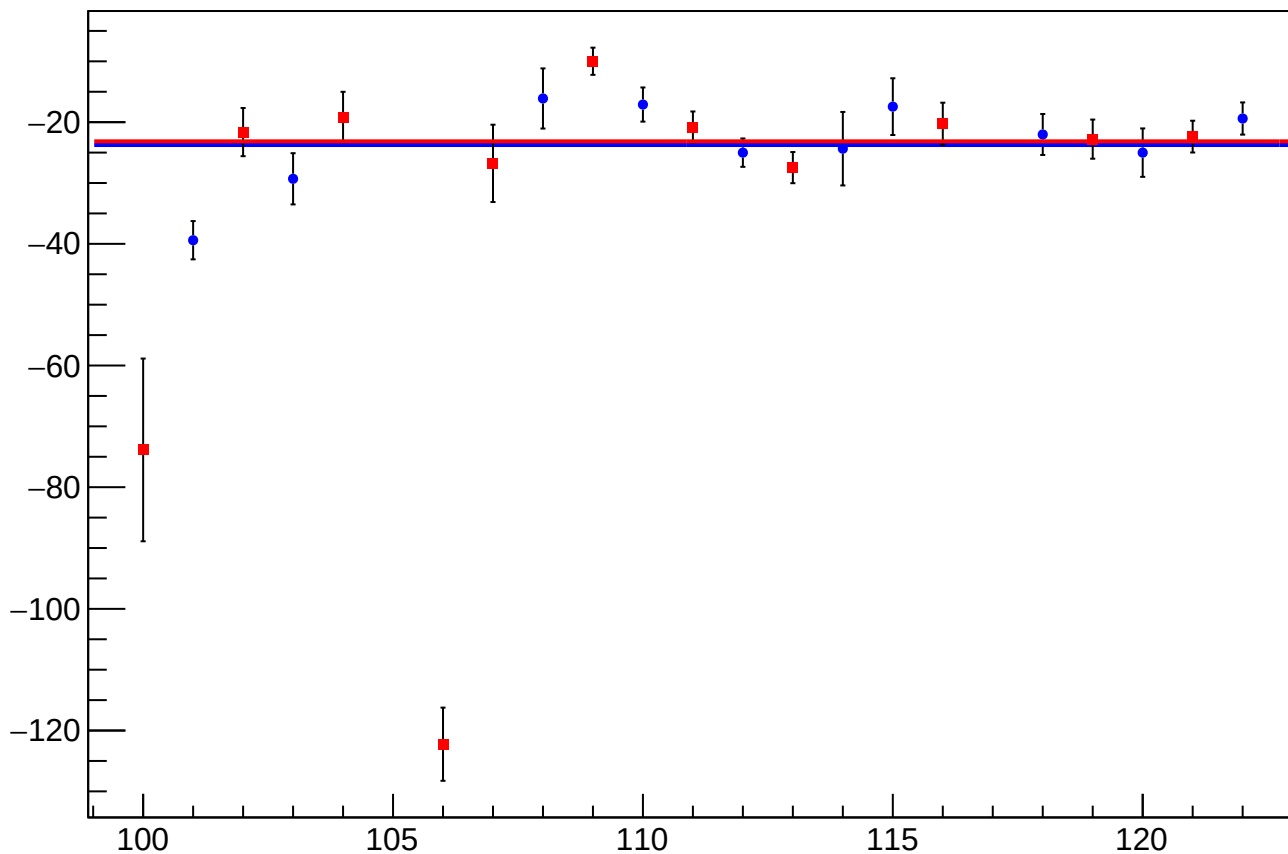
Right: -0.337 ± 0.035 χ^2/NDF : 401.1/20

In: -0.238 ± 0.051 χ^2/NDF : 99.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.337 ± 0.035 χ^2/NDF : 401.1/20

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: -23.149+/-0.995 χ^2/NDF : 323.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

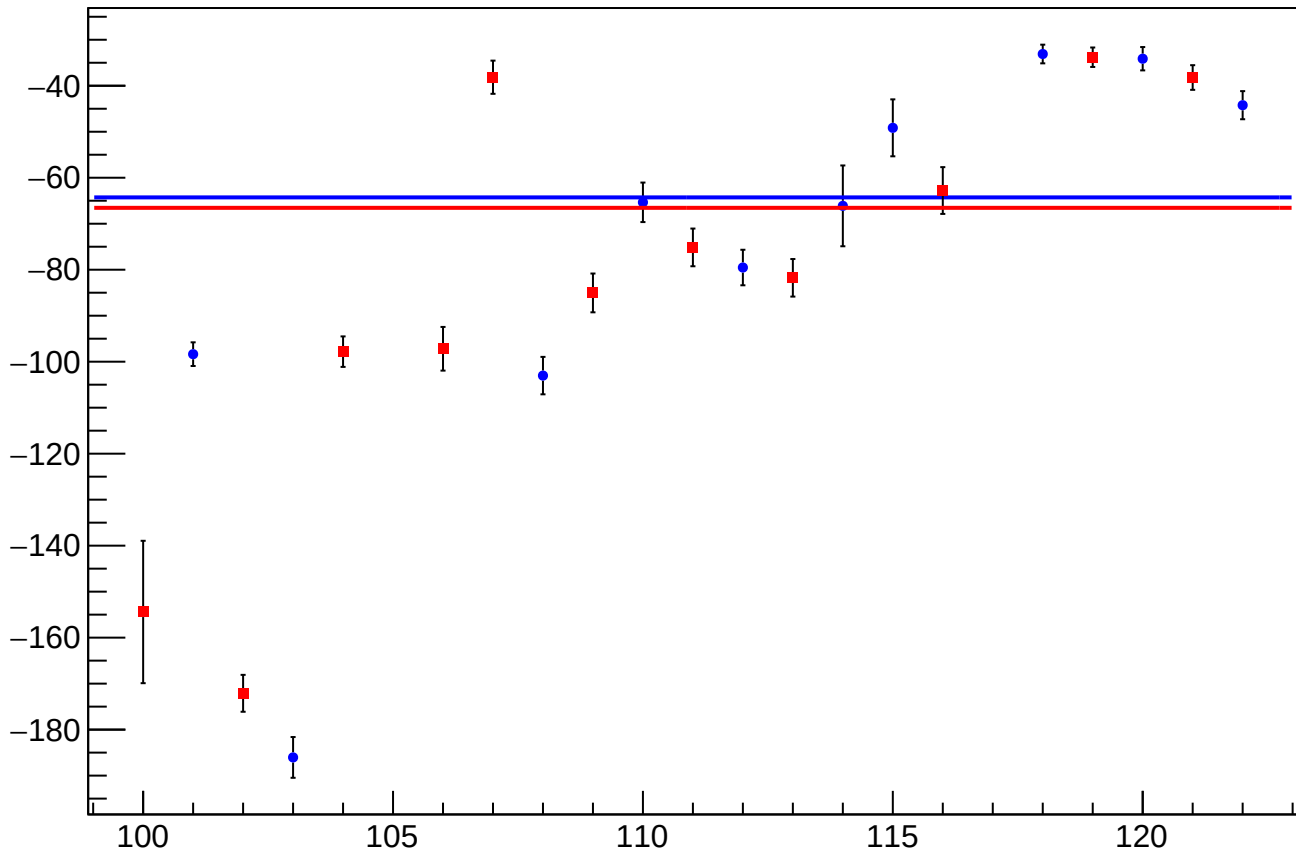
Right: -23.431+/-0.728 χ^2/NDF : 363.4/20

In: -23.756+/-1.068 χ^2/NDF : 39.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.431+/-0.728 χ^2/NDF : 363.4/20

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: -66.546+/-1.081 χ^2/NDF : 1306.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

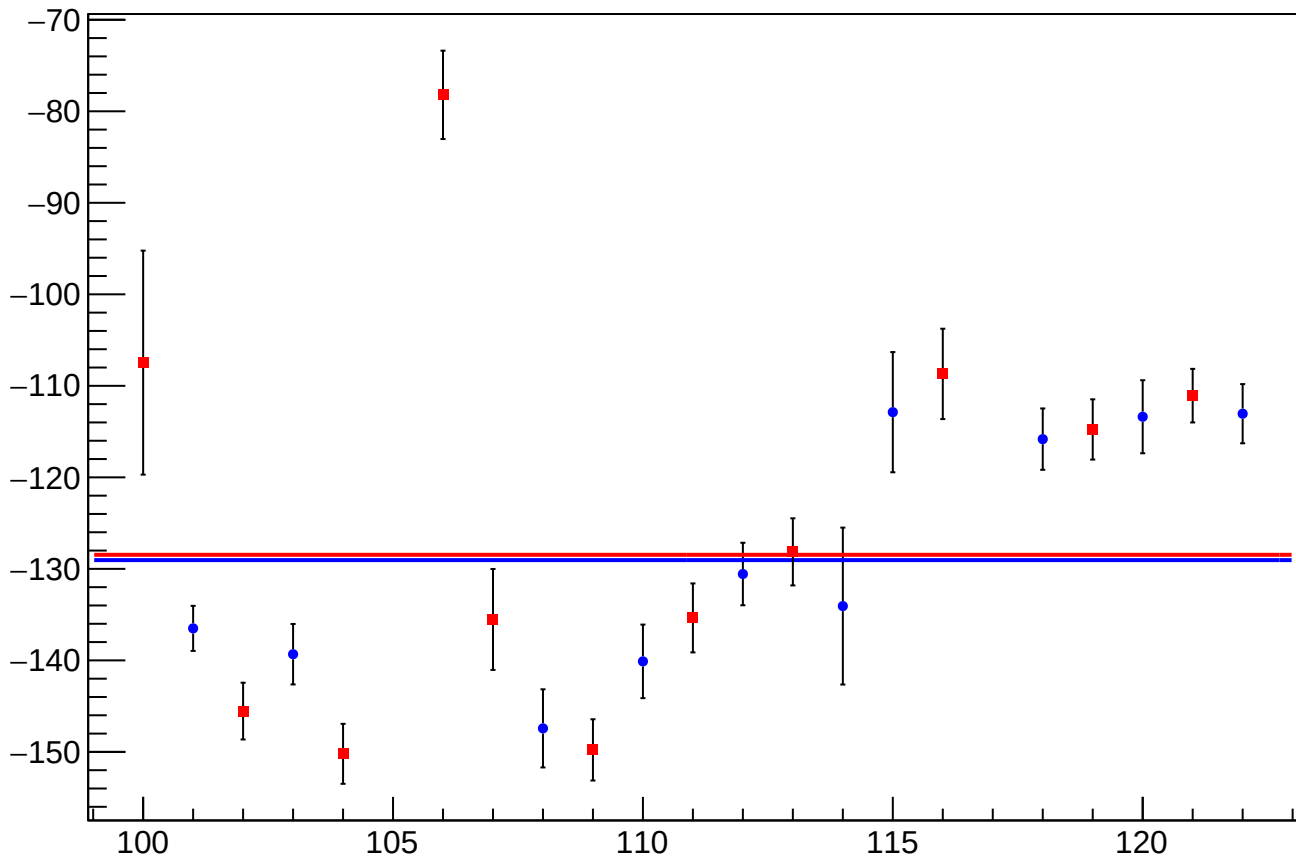
Right: -65.365+/-0.749 χ^2/NDF : 2771.4/20

In: -64.276+/-1.038 χ^2/NDF : 1462.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.365+/-0.749 χ^2/NDF : 2771.4/20

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: -128.463+/-1.144 χ^2 /NDF: 299.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

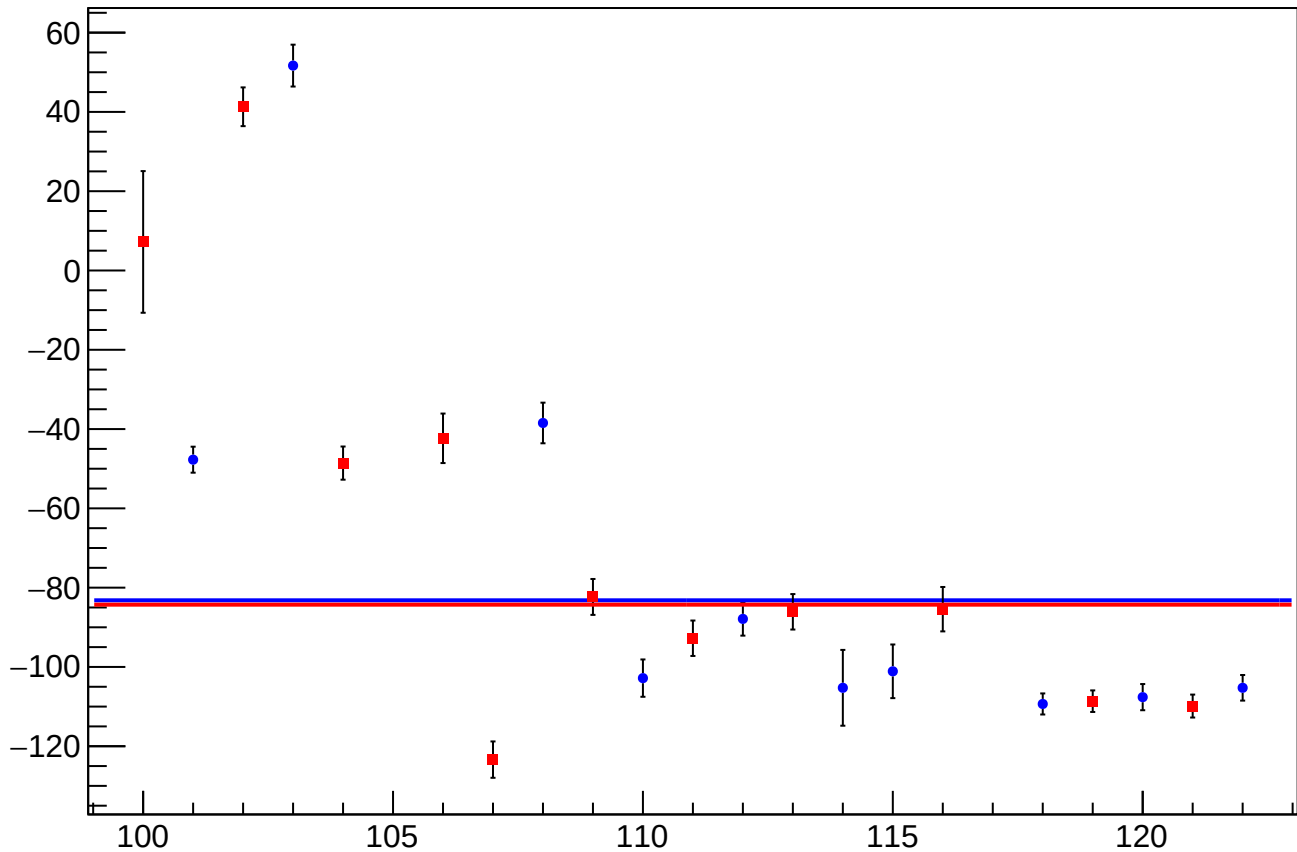
Right: -128.750+/-0.815 χ^2 /NDF: 407.0/20

In: -129.044+/-1.160 χ^2 /NDF:107.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -128.750+/-0.815 χ^2 /NDF: 407.0/20

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -83.192 $\pm$ 1.260 χ^2 /NDF: 1075.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -84.291 $\pm$ 1.279 χ^2 /NDF: 1039.6/10

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

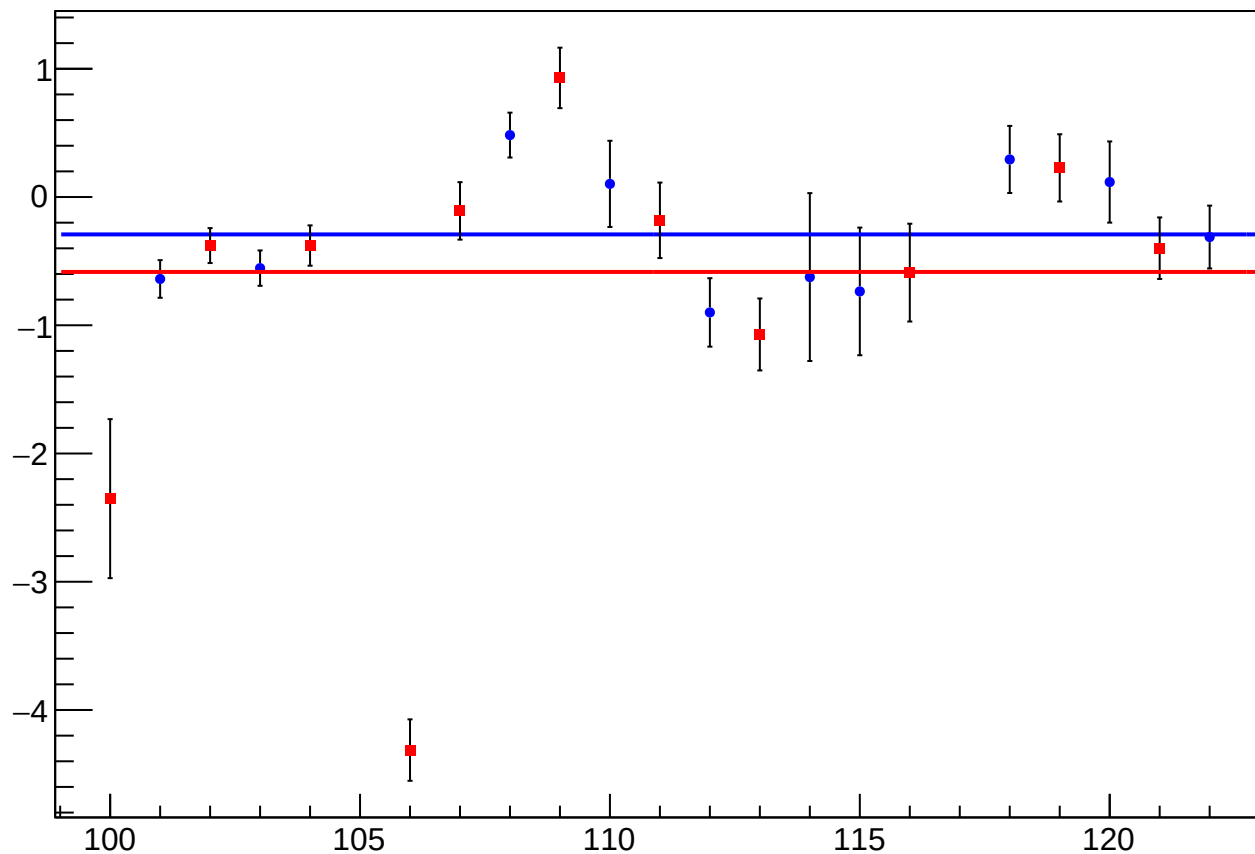
Right: -83.733 $\pm$ 0.898 χ^2 /NDF: 2115.0/20

In: -83.192 $\pm$ 1.260 χ^2 /NDF:1075.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -83.733 $\pm$ 0.898 χ^2 /NDF: 2115.0/20

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: -0.584 ± 0.068 $\chi^2/\text{NDF}: 315.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

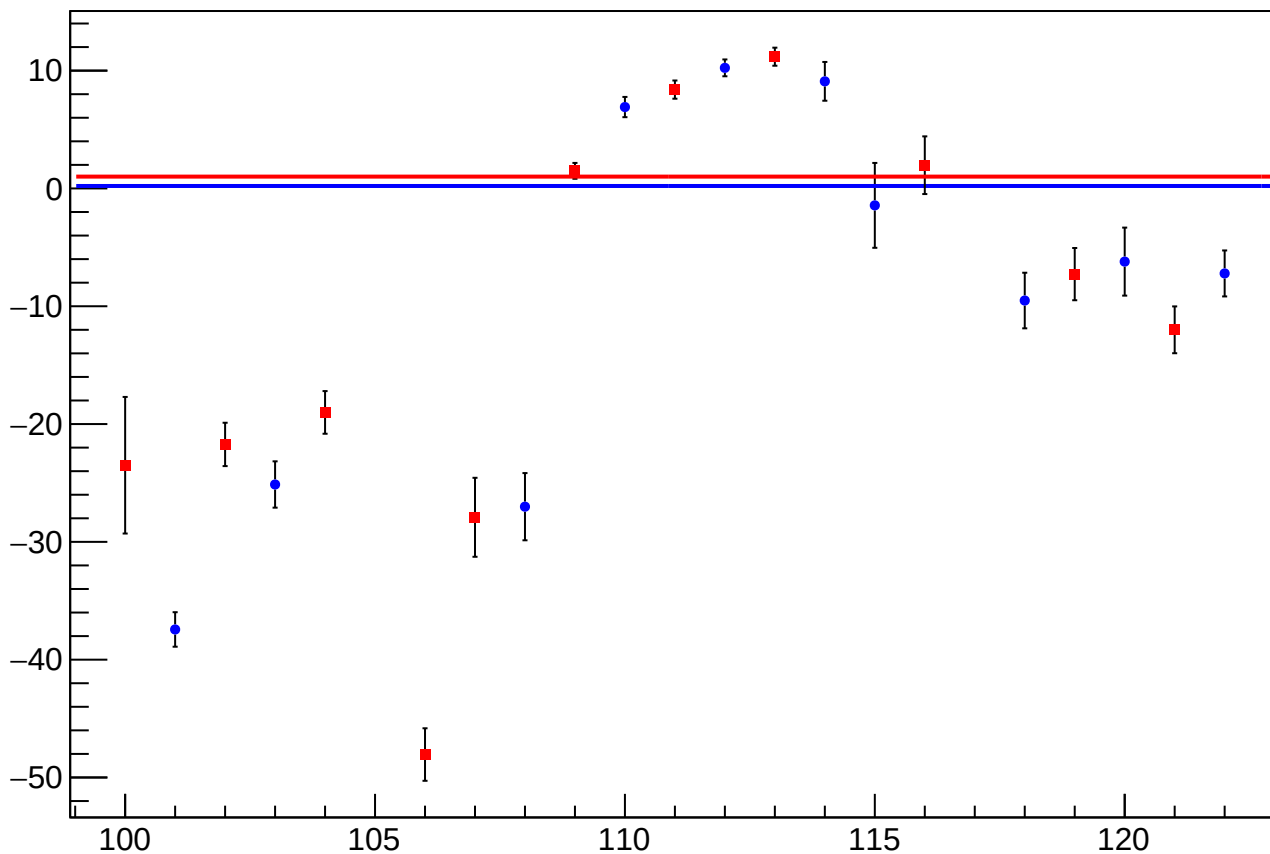
Right: -0.442 ± 0.049 $\chi^2/\text{NDF}: 367.1/20$

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: -0.442 ± 0.049 $\chi^2/\text{NDF}: 367.1/20$

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: 1.005+/-0.374 χ^2/NDF : 1177.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

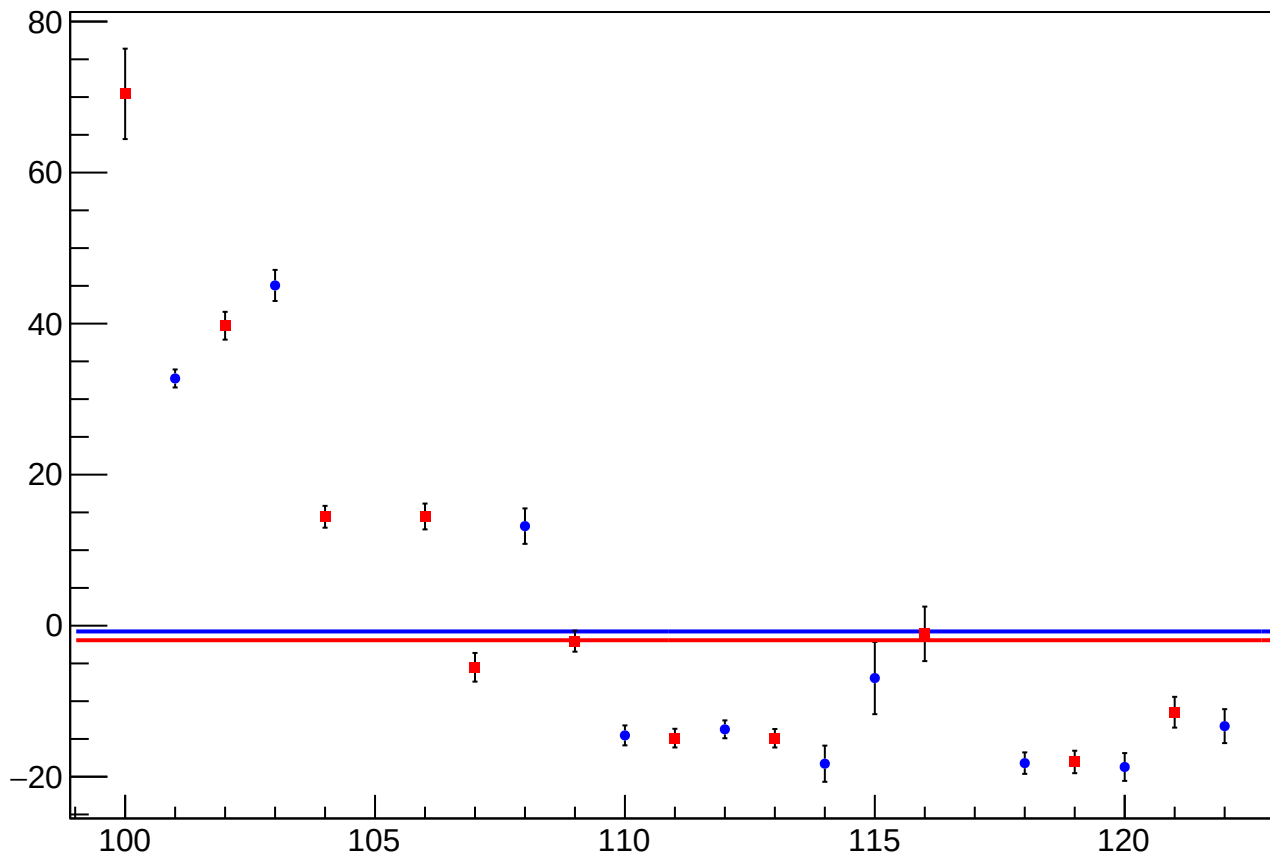
Right: 0.670+/-0.285 χ^2/NDF : 2420.4/20

In: 0.209+/-0.440 χ^2/NDF : 1241.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.670+/-0.285 χ^2/NDF : 2420.4/20

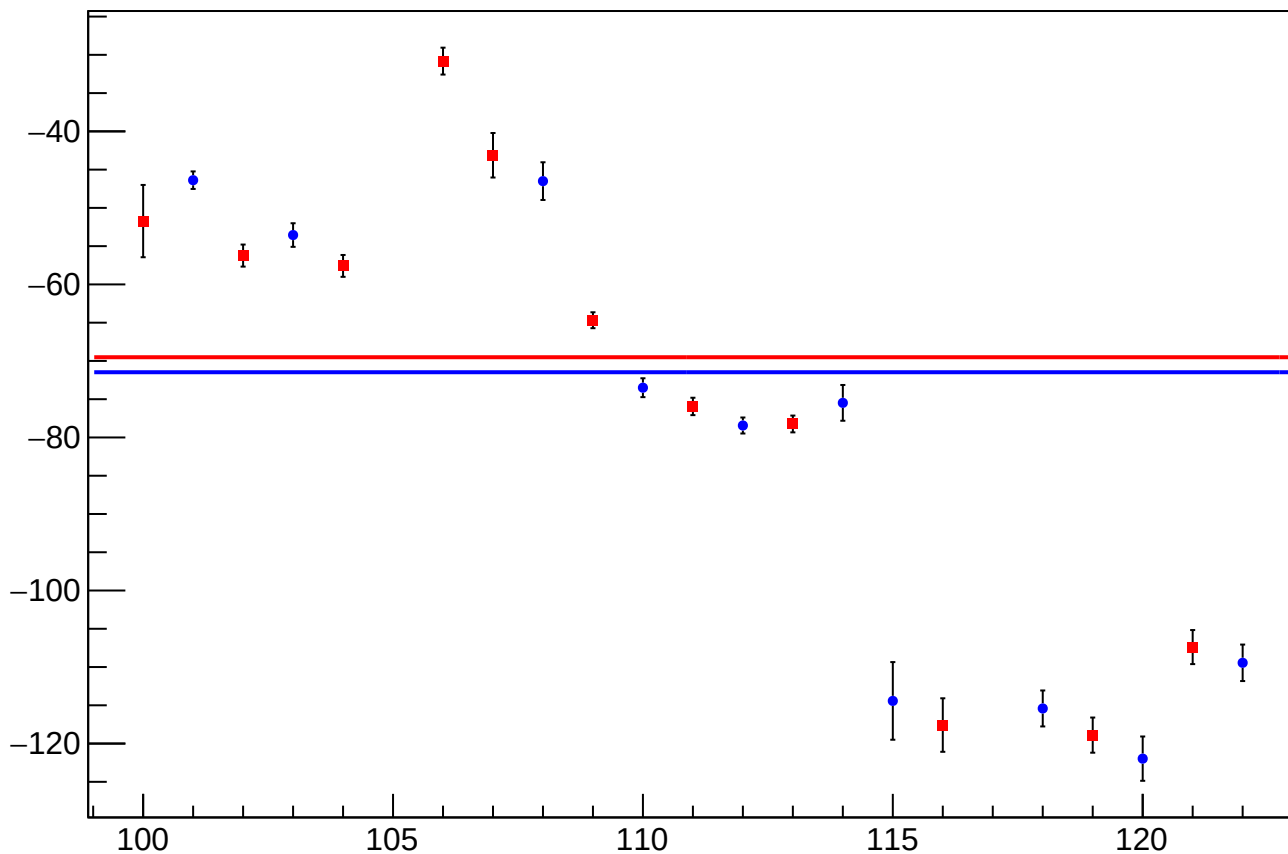
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -1.926 ± 0.498 χ^2/NDF : 1243.2/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -1.376 ± 0.362 χ^2/NDF : 3125.5/20
 In: -0.763 ± 0.526 χ^2/NDF : 1879.8/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -1.376 ± 0.362 χ^2/NDF : 3125.5/20

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: -69.515+/-0.473 χ^2/NDF : 1793.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

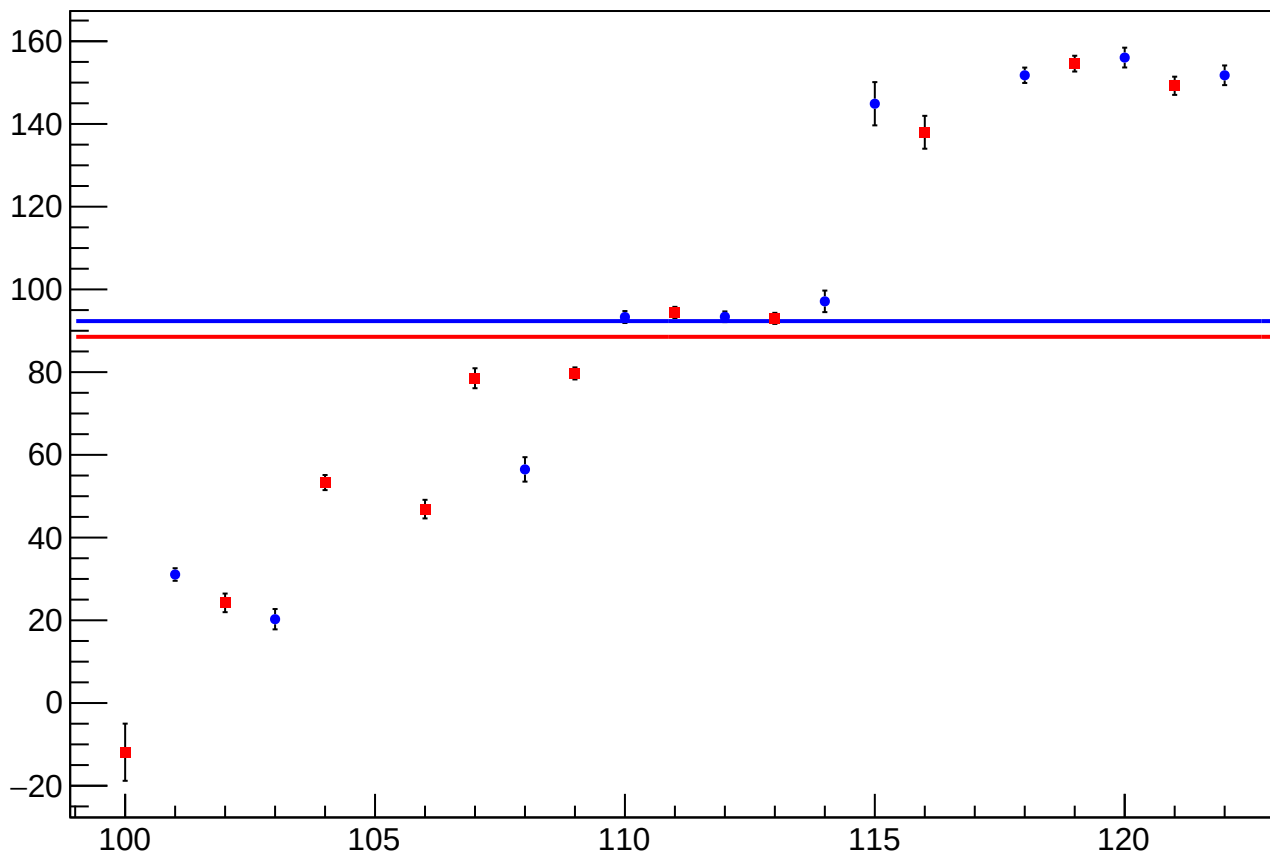
Right: -70.393+/-0.352 χ^2/NDF : 3548.5/20

In: -71.476+/-0.526 χ^2/NDF : 1746.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.393+/-0.352 χ^2/NDF : 3548.5/20

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: 88.538+/-0.576 χ^2/NDF : 3941.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

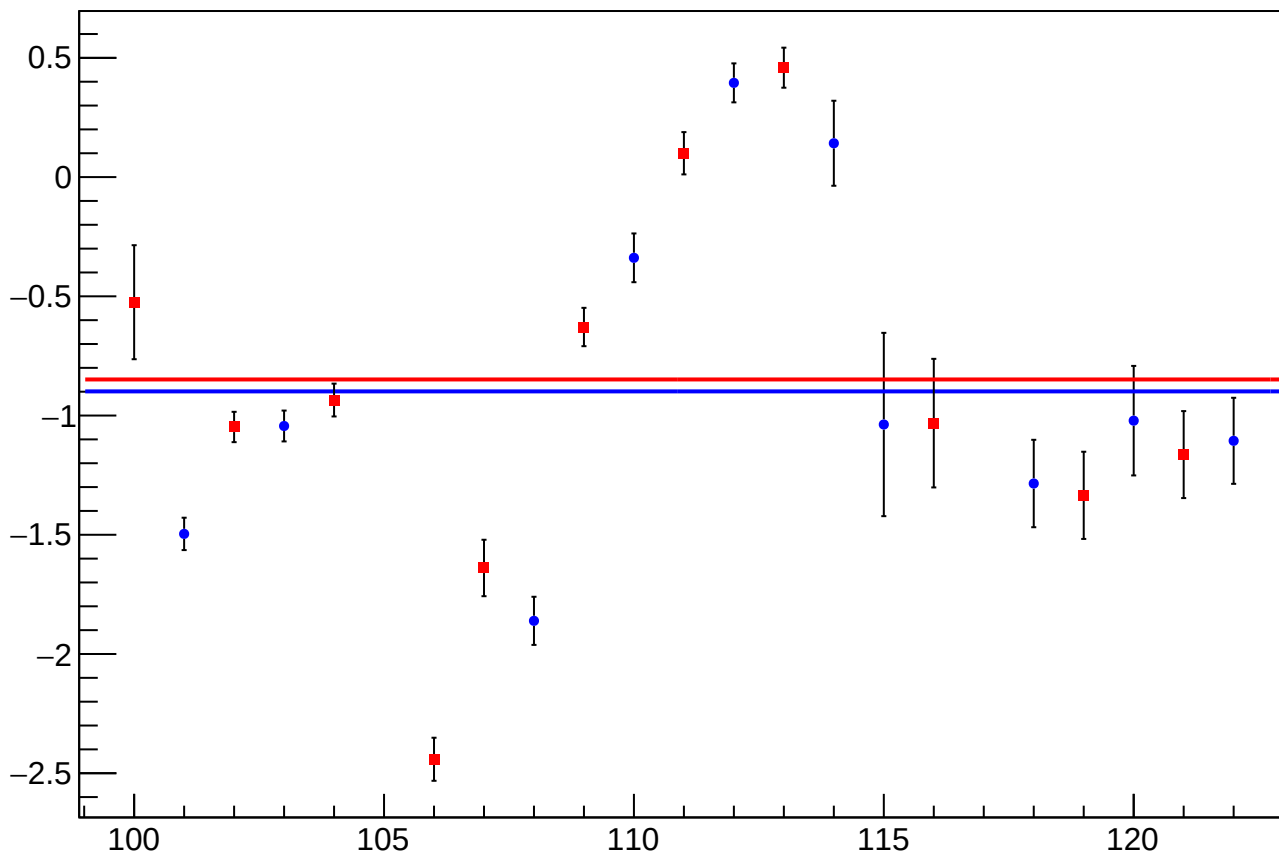
Right: 90.303+/-0.422 χ^2/NDF : 9050.0/20

In: 92.337+/-0.619 χ^2/NDF : 5088.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.303+/-0.422 χ^2/NDF : 9050.0/20

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: -0.849+/-0.029 χ^2/NDF : 743.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

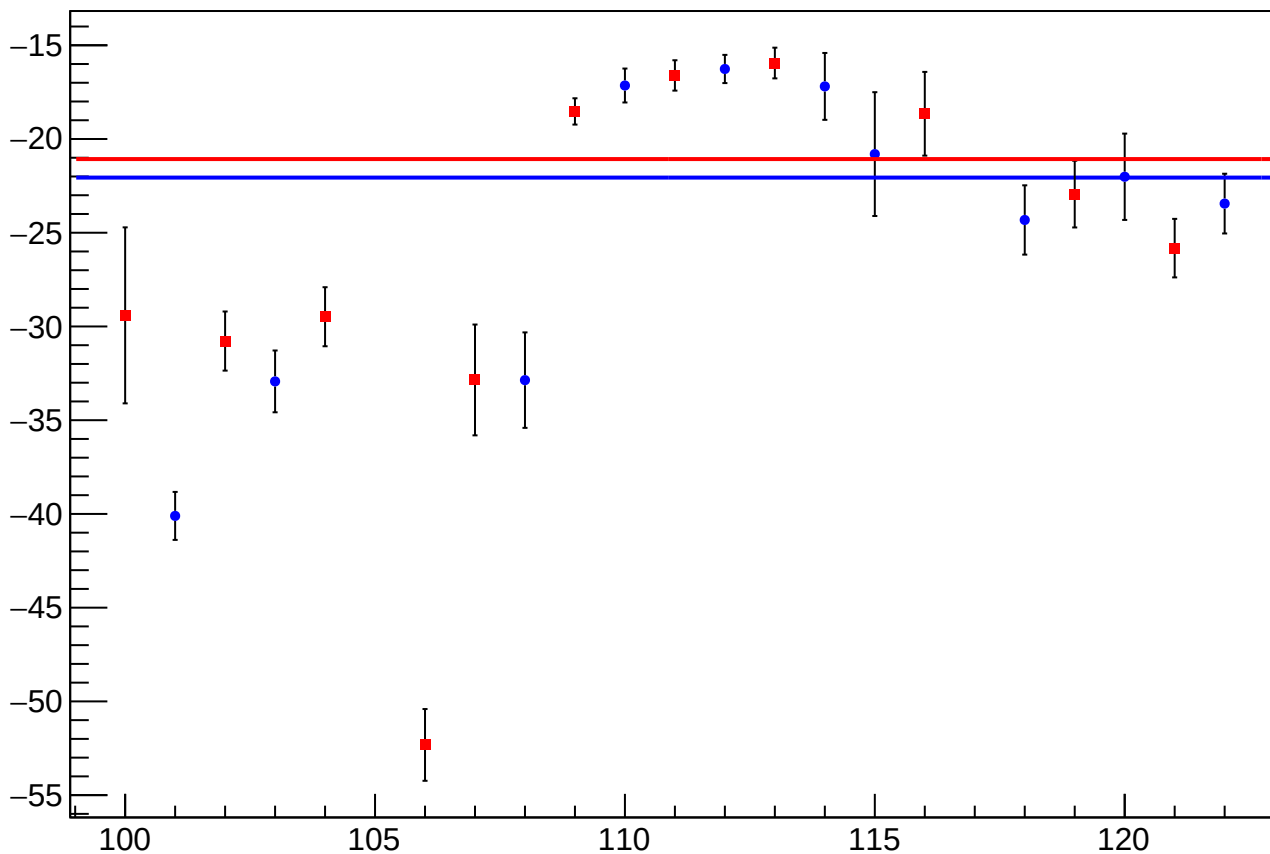
Right: -0.871+/-0.022 χ^2/NDF : 1239.6/20

In: -0.899+/-0.033 χ^2/NDF :494.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.871+/-0.022 χ^2/NDF : 1239.6/20

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.058 $\pm$ 0.430 χ^2 /NDF: 358.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.070 $\pm$ 0.372 χ^2 /NDF: 446.2/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

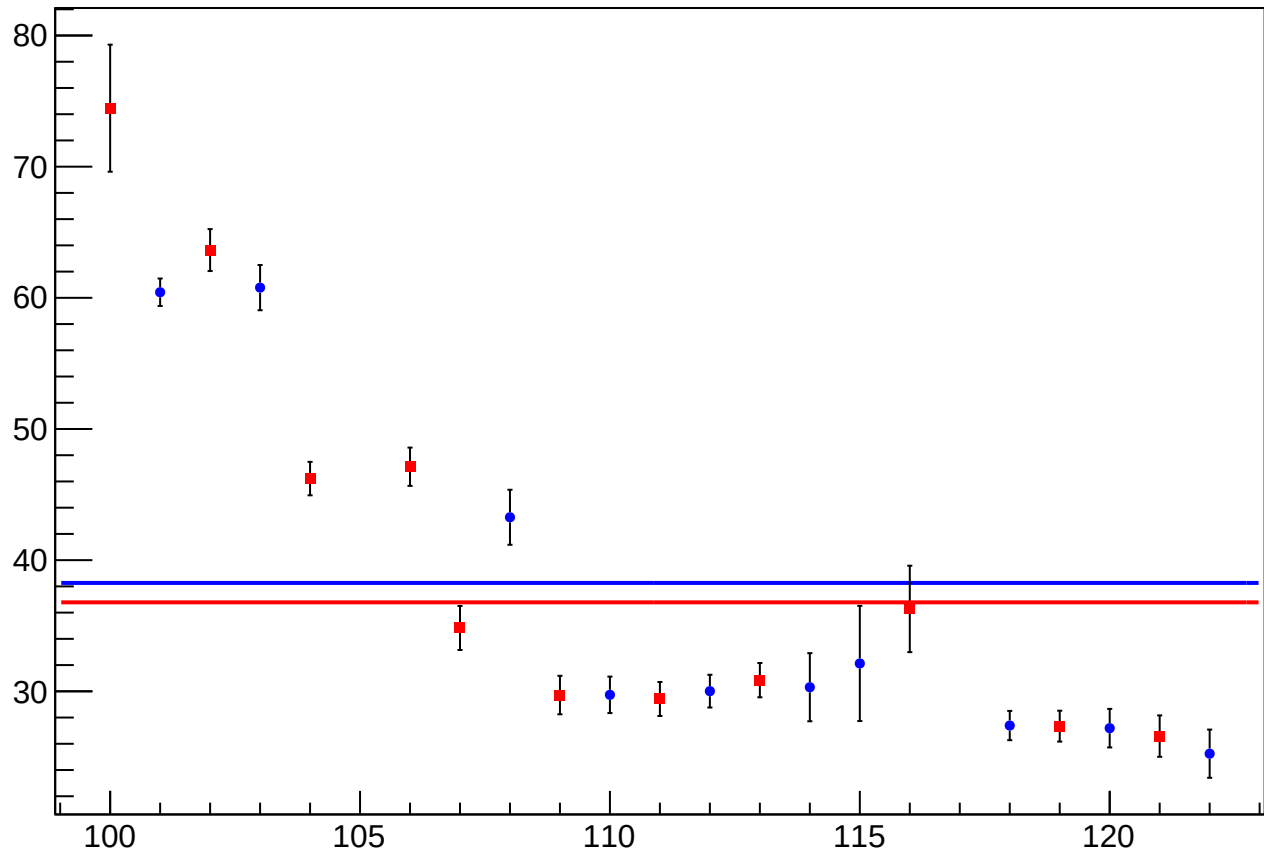
Right: -21.494 $\pm$ 0.282 χ^2 /NDF: 808.1/20

In: -22.058 $\pm$ 0.430 χ^2 /NDF:358.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.494 $\pm$ 0.282 χ^2 /NDF: 808.1/20

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: 36.783+/-0.460 χ^2/NDF : 631.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

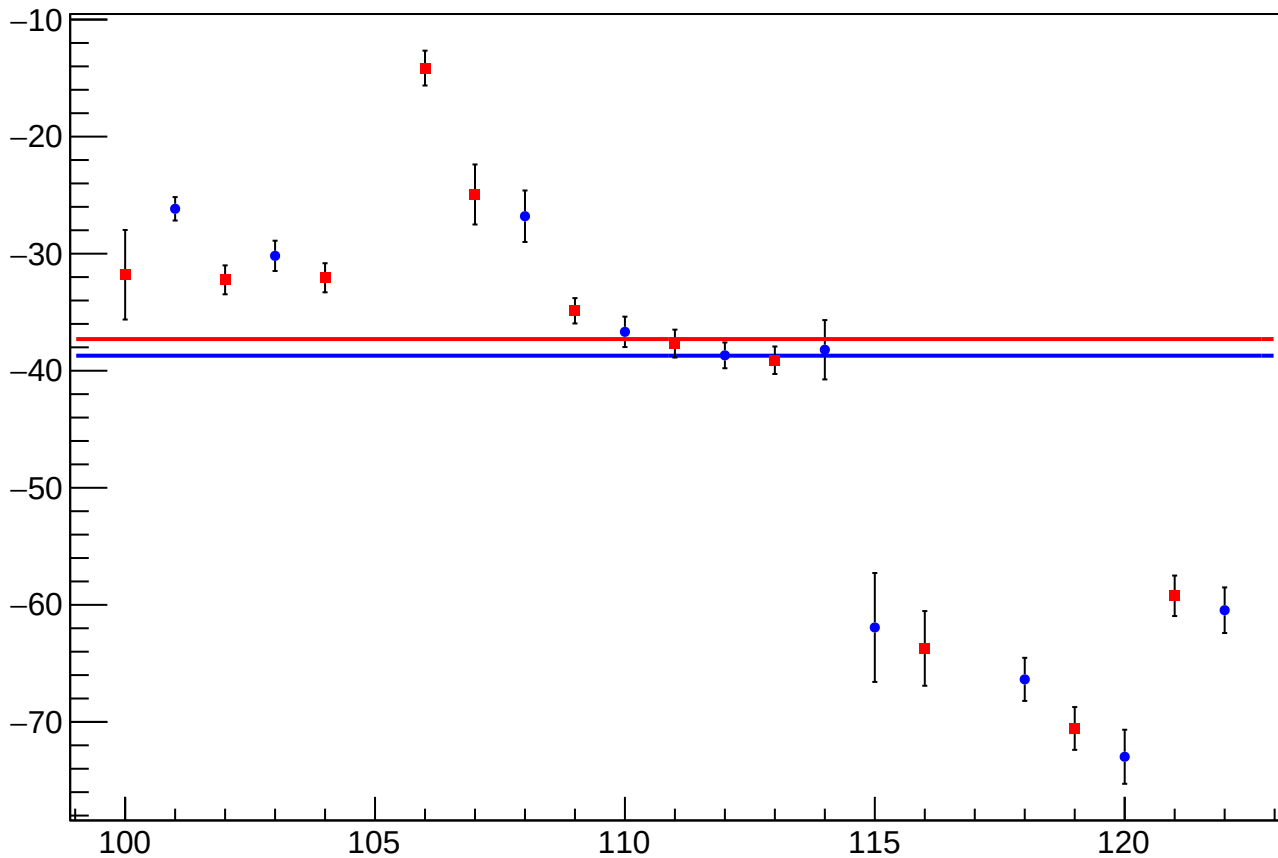
Right: 37.497+/-0.331 χ^2/NDF : 1555.4/20

In: 38.264+/-0.477 χ^2/NDF : 919.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.497+/-0.331 χ^2/NDF : 1555.4/20

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.715+/-0.490 χ^2/NDF : 828.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.295+/-0.448 χ^2/NDF : 869.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

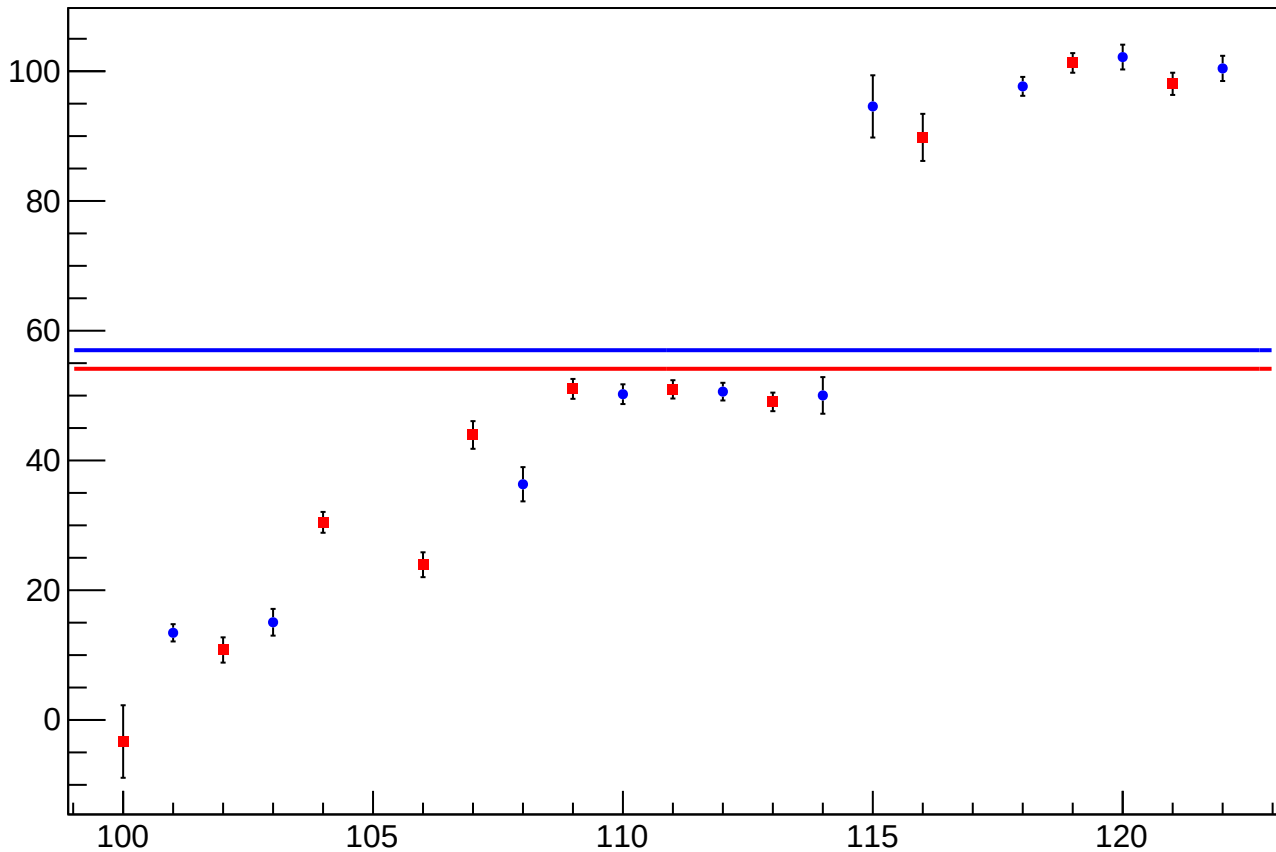
Right: -37.941+/-0.330 χ^2/NDF : 1702.5/20

In: -38.715+/-0.490 χ^2/NDF : 828.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.941+/-0.330 χ^2/NDF : 1702.5/20

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: 54.132+/-0.539 χ^2/NDF : 2838.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

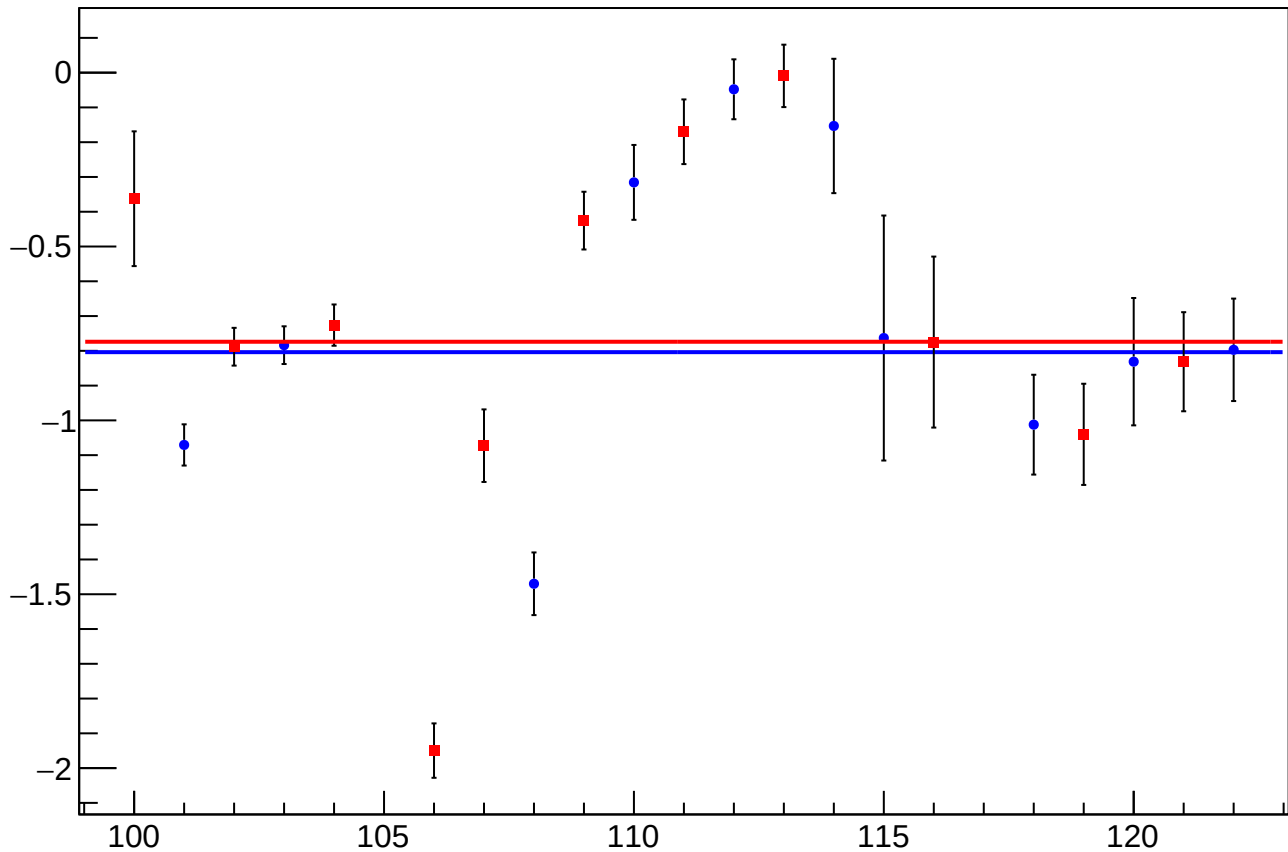
Right: 55.487+/-0.391 χ^2/NDF : 6342.0/20

In: 56.997+/-0.569 χ^2/NDF : 3490.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.487+/-0.391 χ^2/NDF : 6342.0/20

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: -0.774 ± 0.027 χ^2/NDF : 375.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

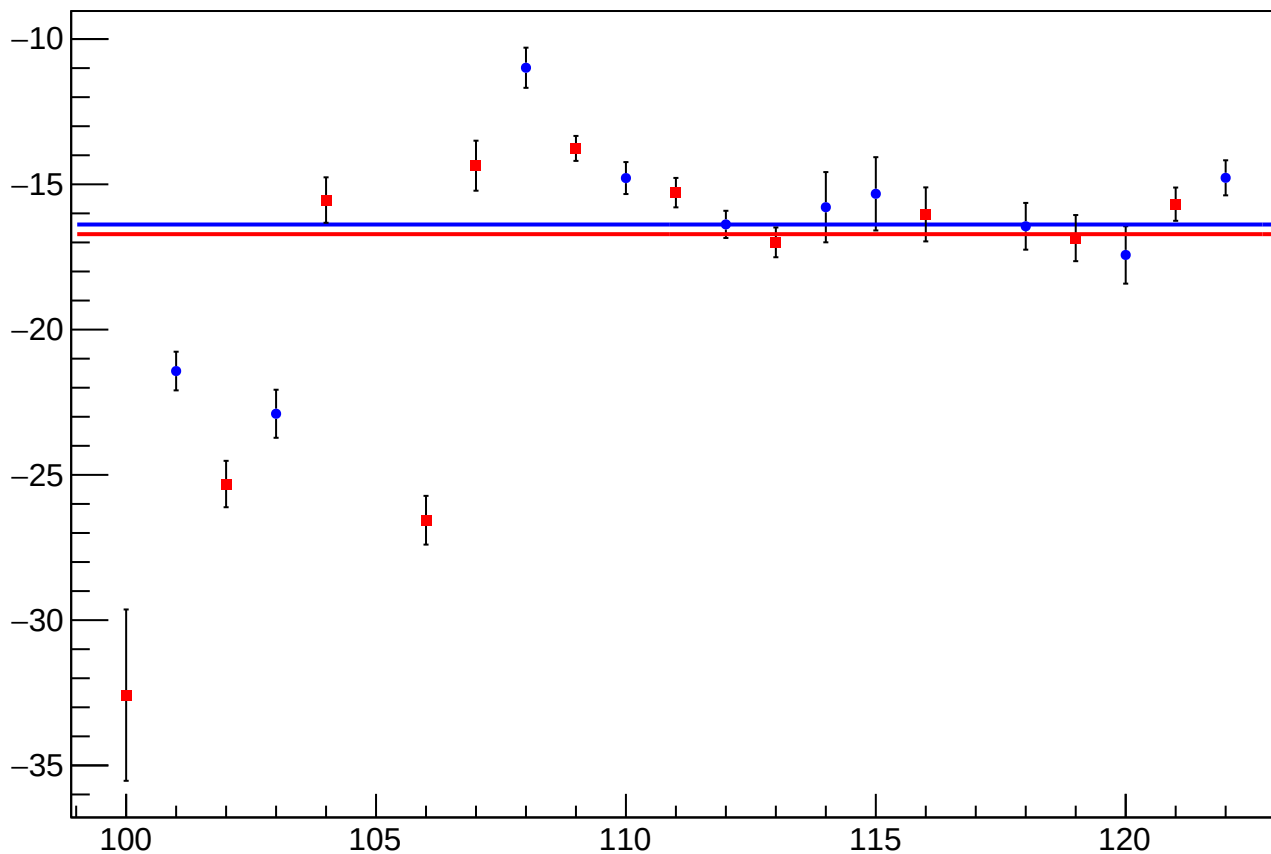
Right: -0.787 ± 0.020 χ^2/NDF : 561.8/20

In: -0.804 ± 0.030 χ^2/NDF : 186.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.787 ± 0.020 χ^2/NDF : 561.8/20

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: -16.715+/-0.200 χ^2/NDF : 351.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

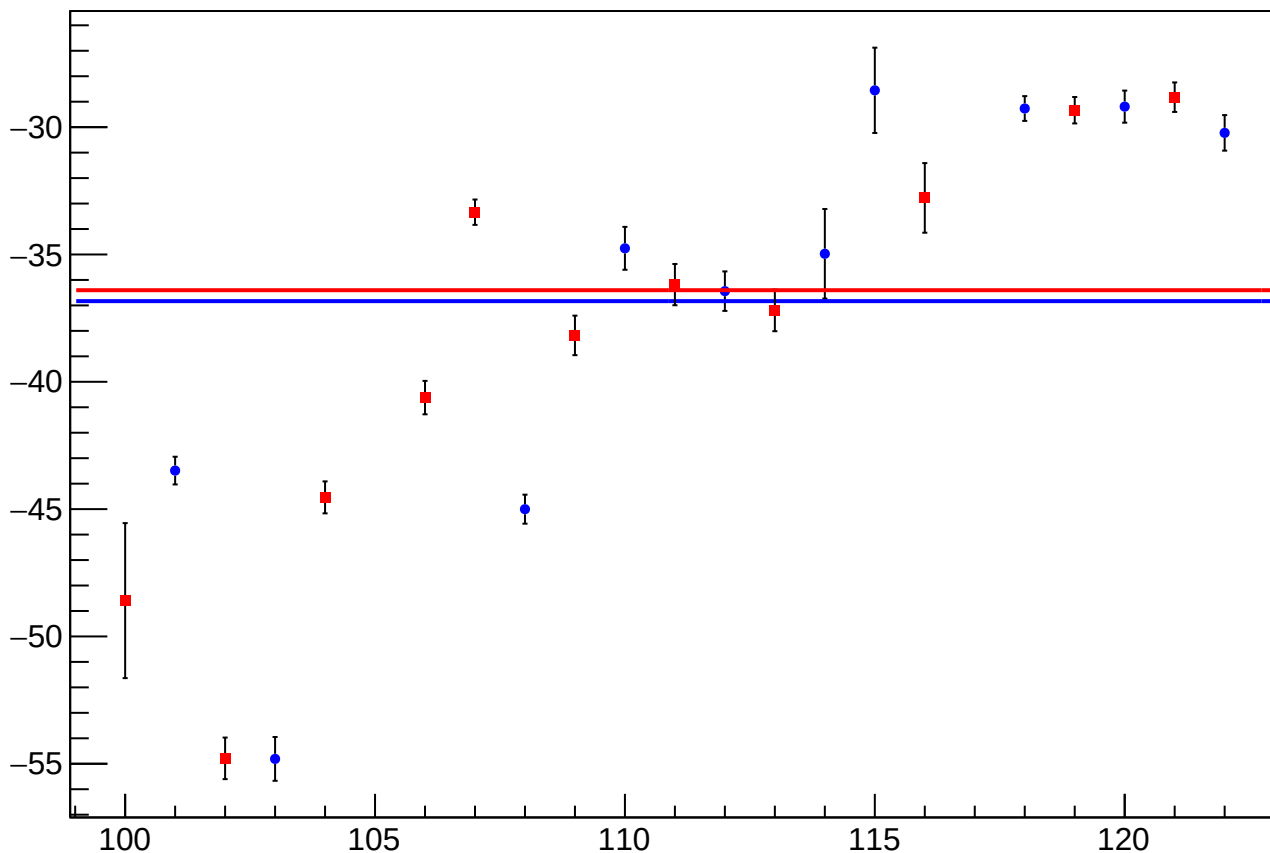
Right: -16.566+/-0.149 χ^2/NDF : 551.1/20

In: -16.383+/-0.222 χ^2/NDF : 198.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.566+/-0.149 χ^2/NDF : 551.1/20

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -36.832 $\pm$ 0.222 χ^2 /NDF: 1302.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.403 $\pm$ 0.211 χ^2 /NDF: 1140.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

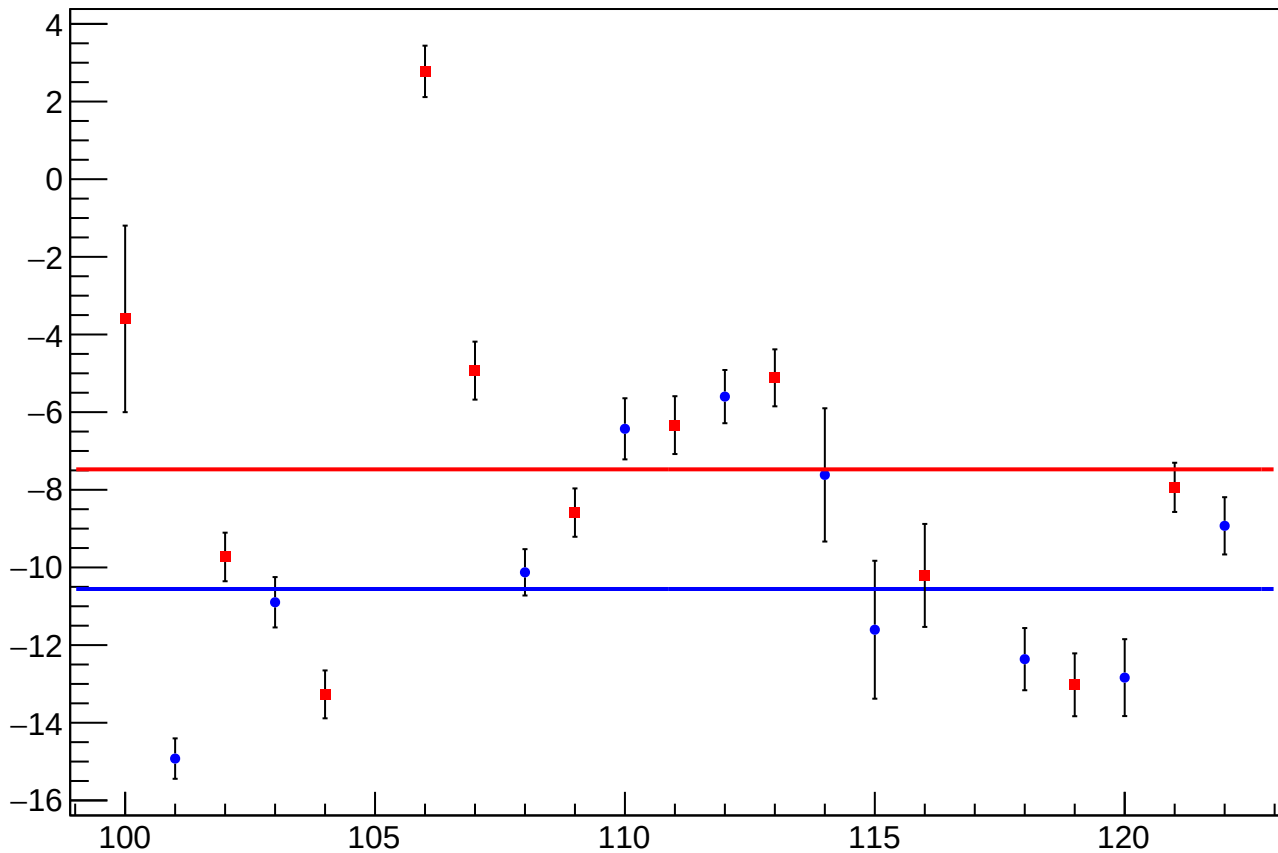
Right: -36.607 $\pm$ 0.153 χ^2 /NDF: 2444.7/20

In: -36.832 $\pm$ 0.222 χ^2 /NDF:1302.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.607 $\pm$ 0.153 χ^2 /NDF: 2444.7/20

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.555 ± 0.238 $\chi^2/\text{NDF}: 169.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.473 ± 0.222 $\chi^2/\text{NDF}: 422.9/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

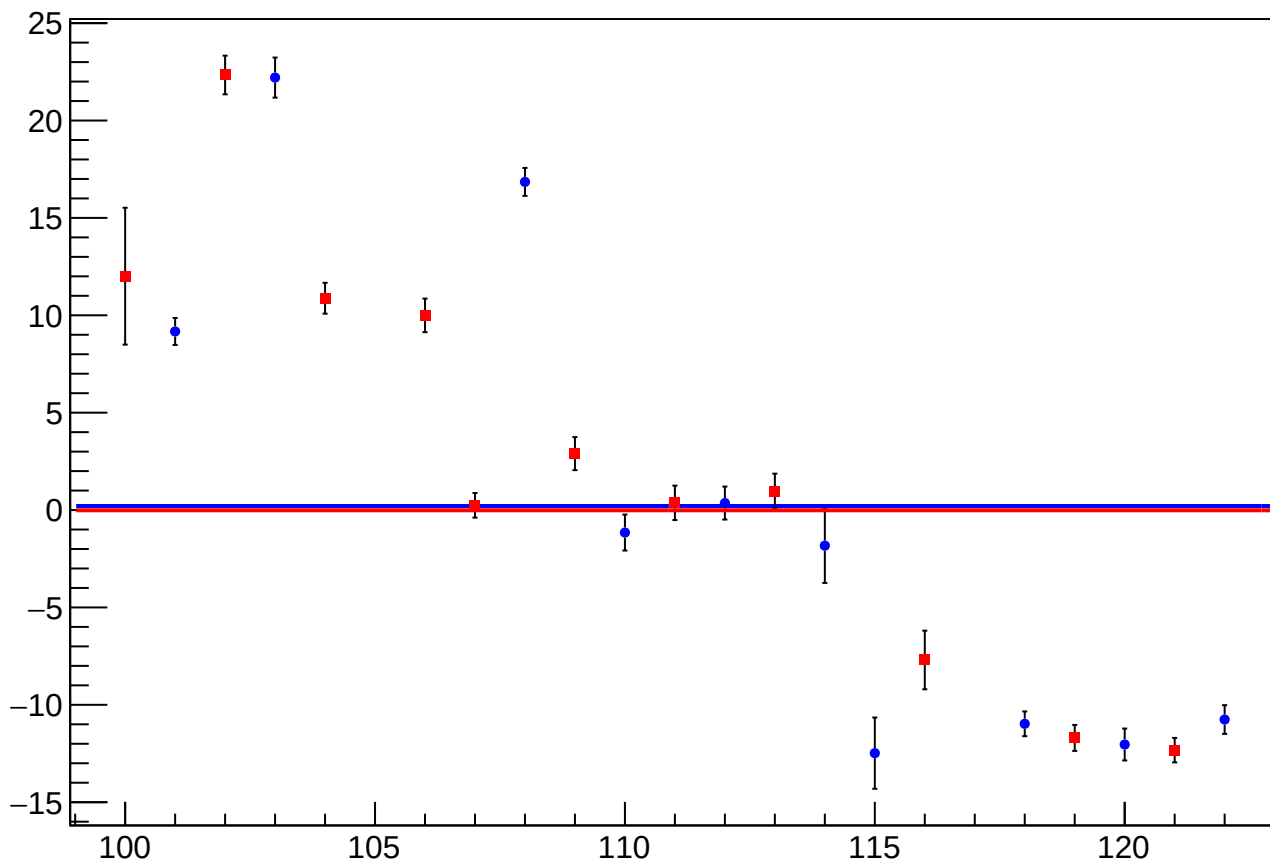
Right: -8.910 ± 0.162 $\chi^2/\text{NDF}: 682.1/20$

In: -10.555 ± 0.238 $\chi^2/\text{NDF}: 169.5/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.910 ± 0.162 $\chi^2/\text{NDF}: 682.1/20$

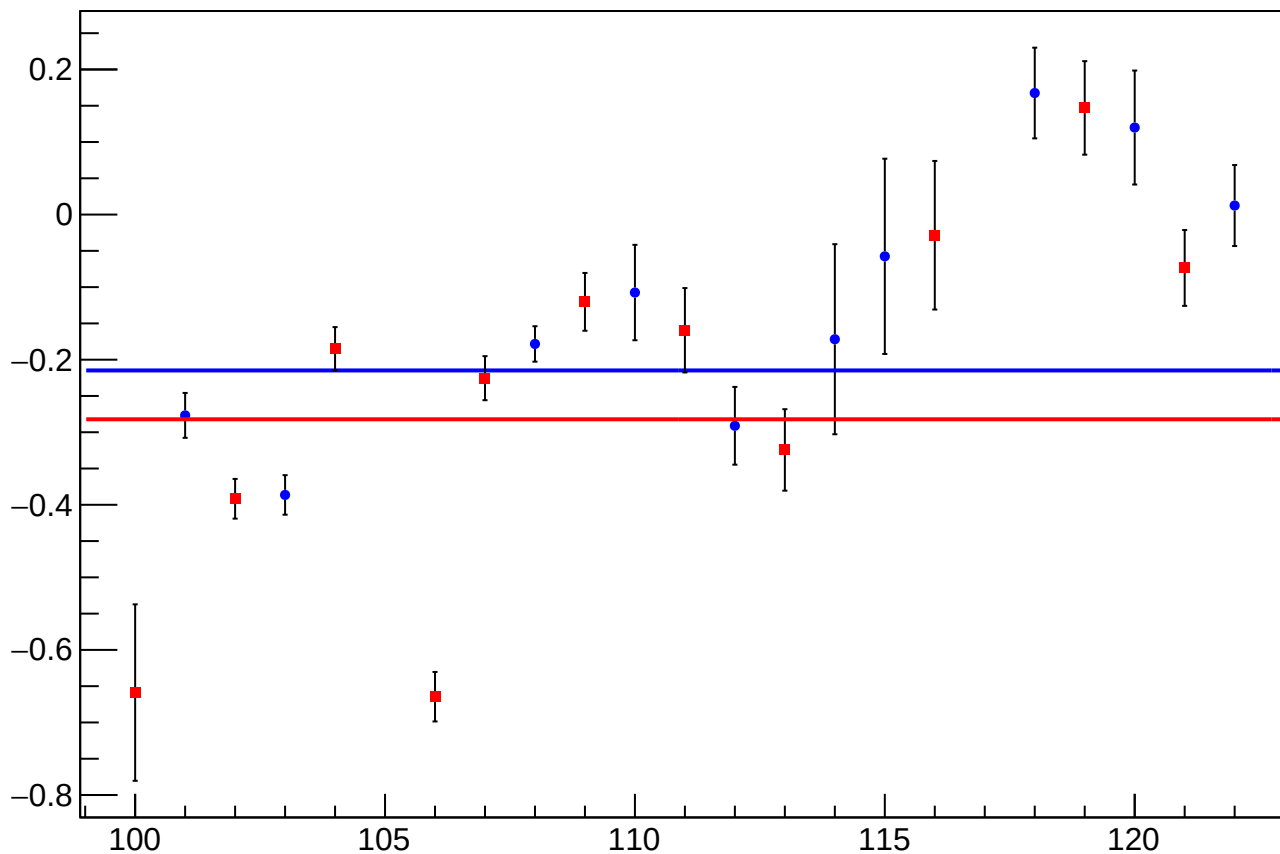
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -0.013+/-0.252 χ^2/NDF : 1574.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.091+/-0.184 χ^2/NDF : 3541.7/20
 In: 0.208+/-0.268 χ^2/NDF : 1967.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.091+/-0.184 χ^2/NDF : 3541.7/20

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: -0.282+/-0.012 χ^2/NDF : 253.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

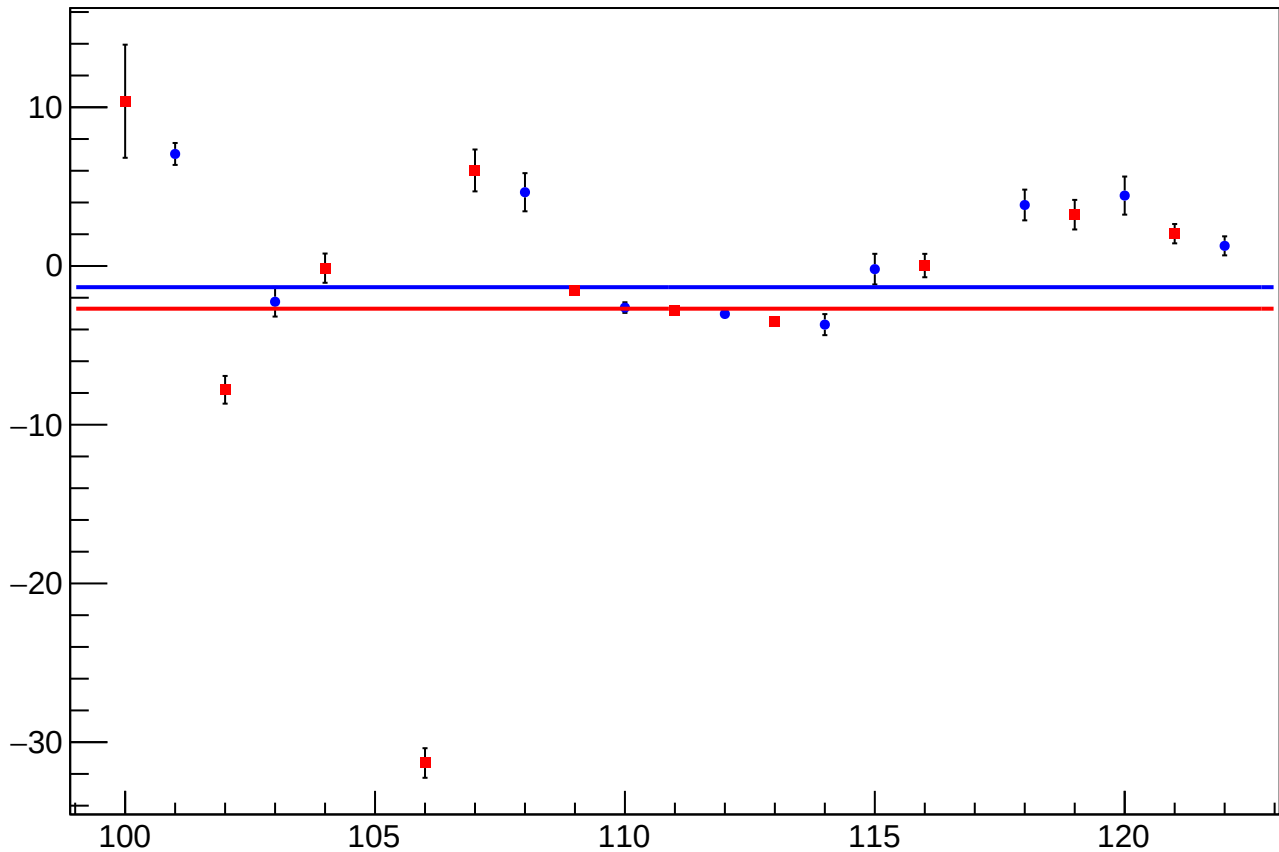
Right: -0.251+/-0.009 χ^2/NDF : 391.0/20

In: -0.215+/-0.013 χ^2/NDF : 124.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.251+/-0.009 χ^2/NDF : 391.0/20

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: -2.690+/-0.148 χ^2/NDF : 1180.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

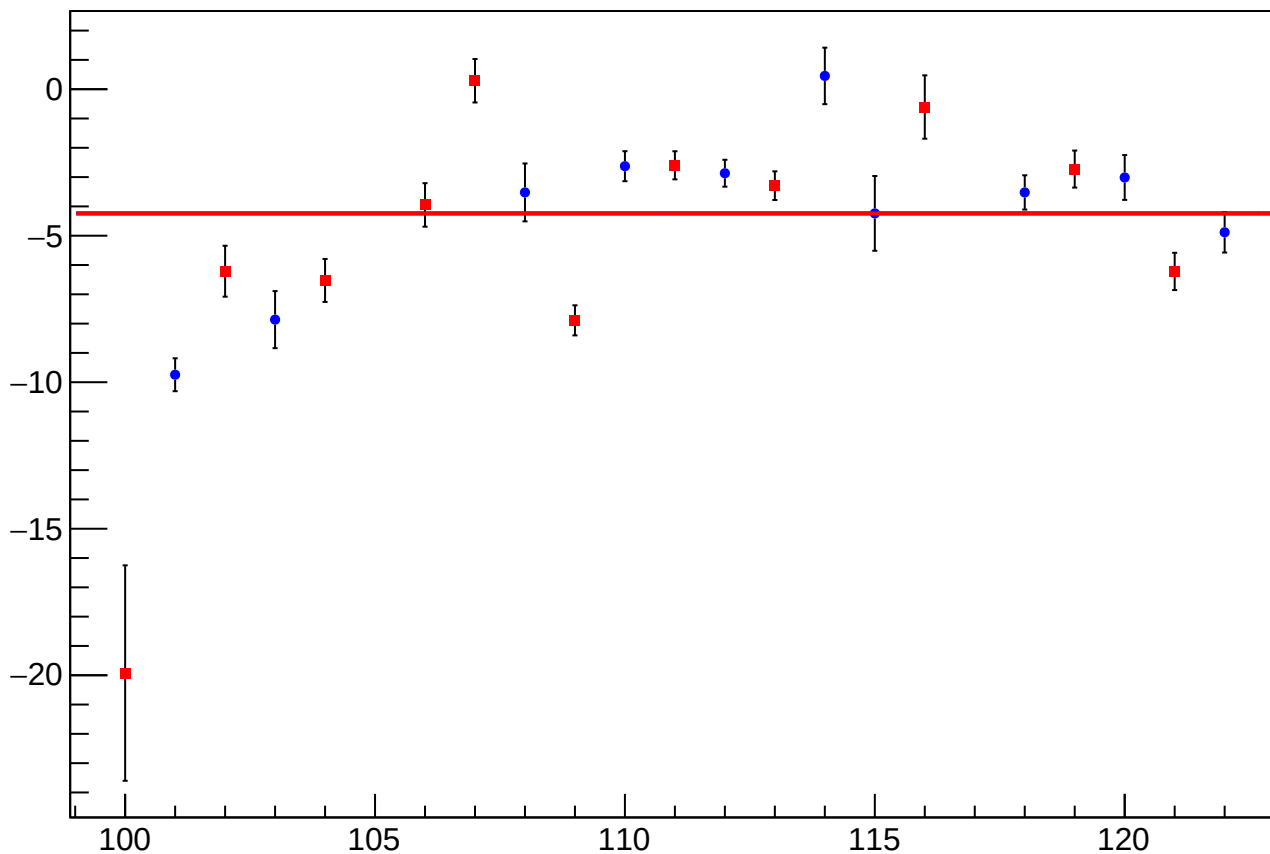
Right: -2.112+/-0.112 χ^2/NDF : 1525.9/20

In: -1.335+/-0.172 χ^2/NDF : 309.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.112+/-0.112 χ^2/NDF : 1525.9/20

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.238+/-0.212 χ^2/NDF : 157.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.240+/-0.200 χ^2/NDF : 163.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

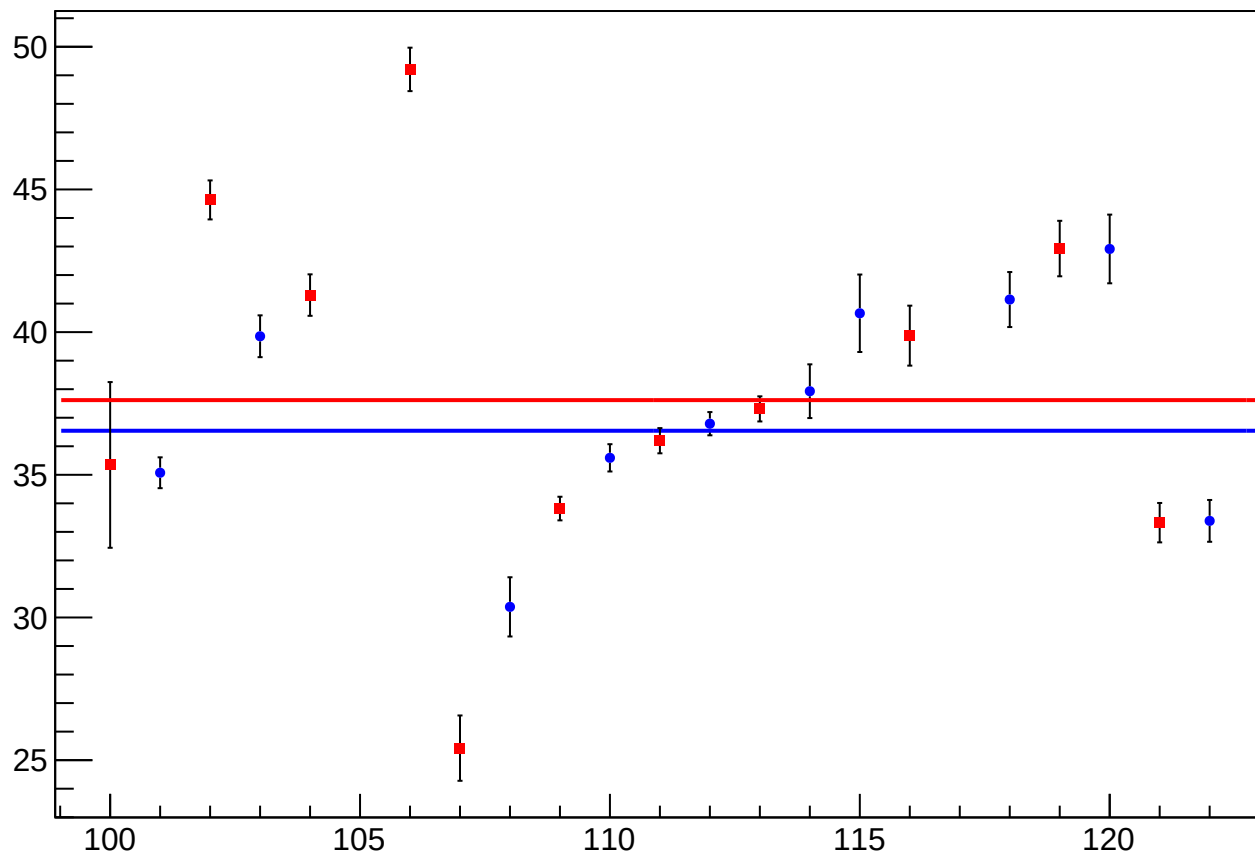
Right: -4.239+/-0.145 χ^2/NDF : 320.9/20

In: -4.238+/-0.212 χ^2/NDF : 157.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.239+/-0.145 χ^2/NDF : 320.9/20

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: 37.617+/-0.193 χ^2/NDF : 645.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

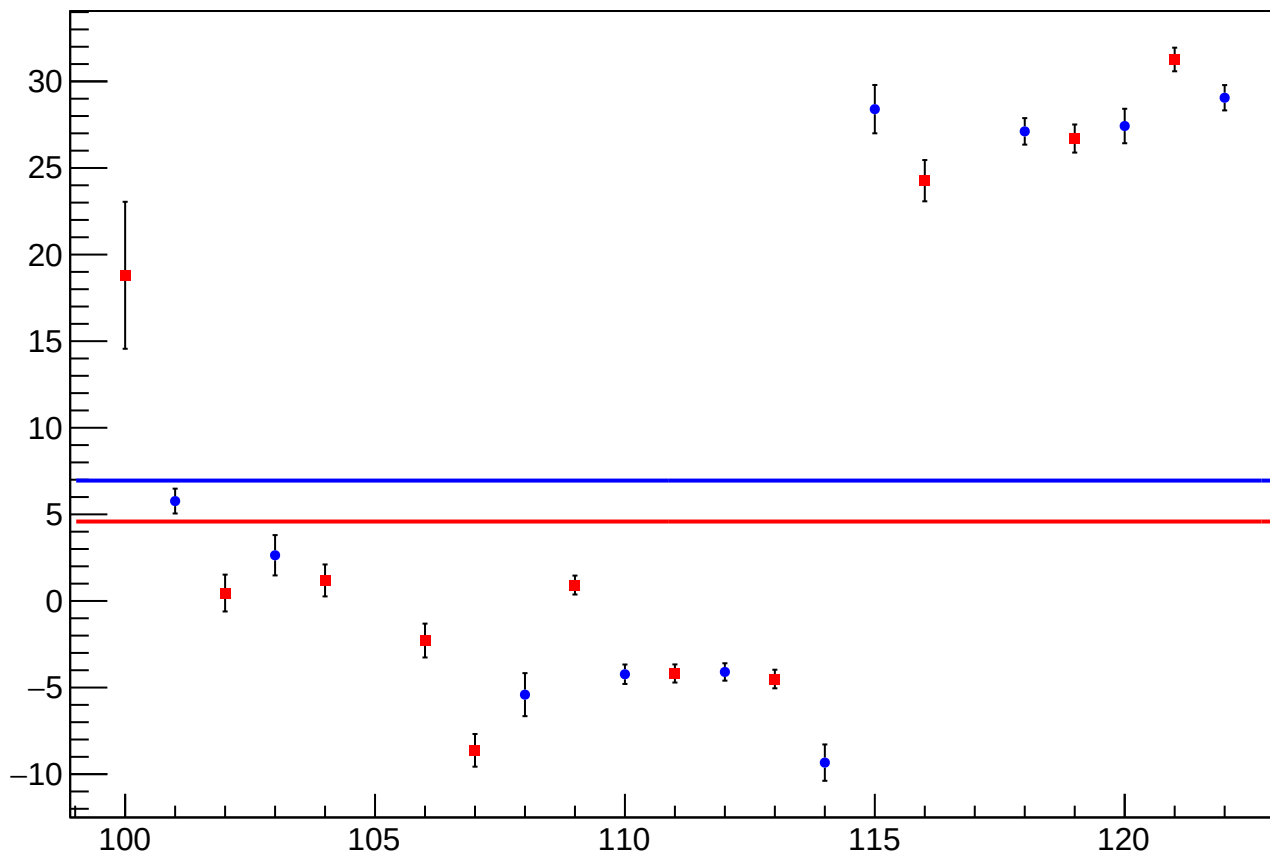
Right: 37.135+/-0.143 χ^2/NDF : 807.4/20

In: 36.544+/-0.214 χ^2/NDF : 148.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.135+/-0.143 χ^2/NDF : 807.4/20

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.951+/-0.246 χ^2/NDF : 3504.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.587+/-0.229 χ^2/NDF : 3446.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

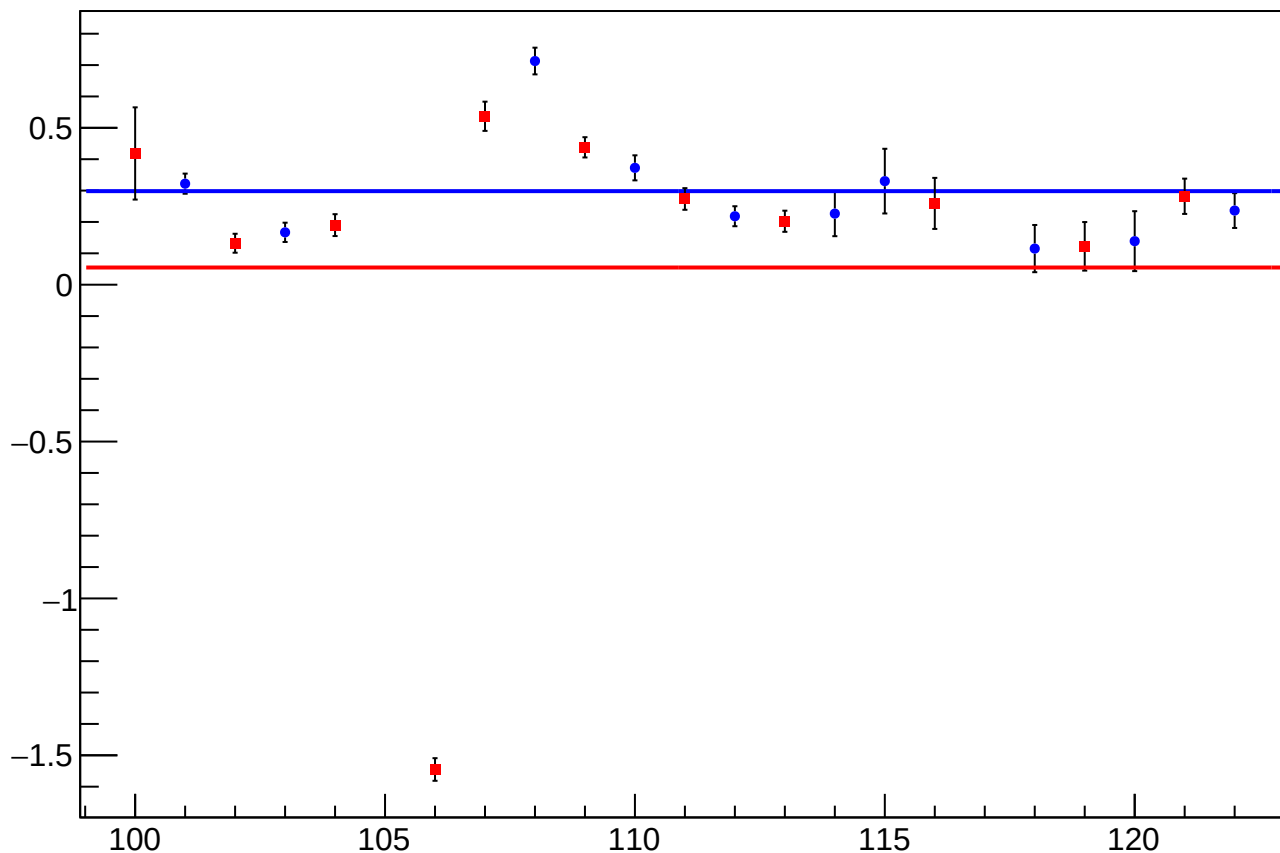
Right: 5.680+/-0.168 χ^2/NDF : 6999.8/20

In: 6.951+/-0.246 χ^2/NDF : 3504.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.680+/-0.168 χ^2/NDF : 6999.8/20

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: 0.055+/-0.012 χ^2/NDF : 2326.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

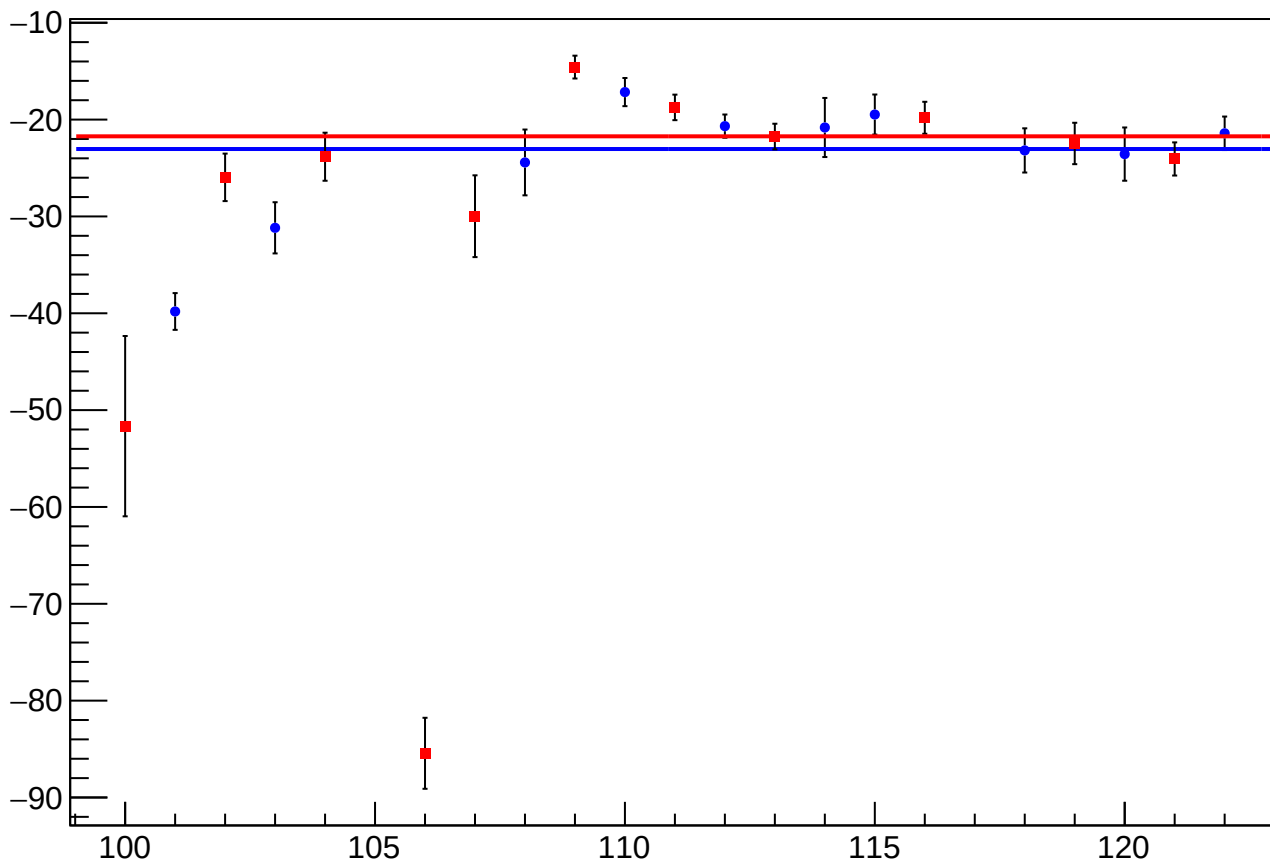
Right: 0.162+/-0.009 χ^2/NDF : 2629.9/20

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 : 2629.9/20

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: -21.728 $\pm$ 0.554 χ^2 /NDF: 365.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

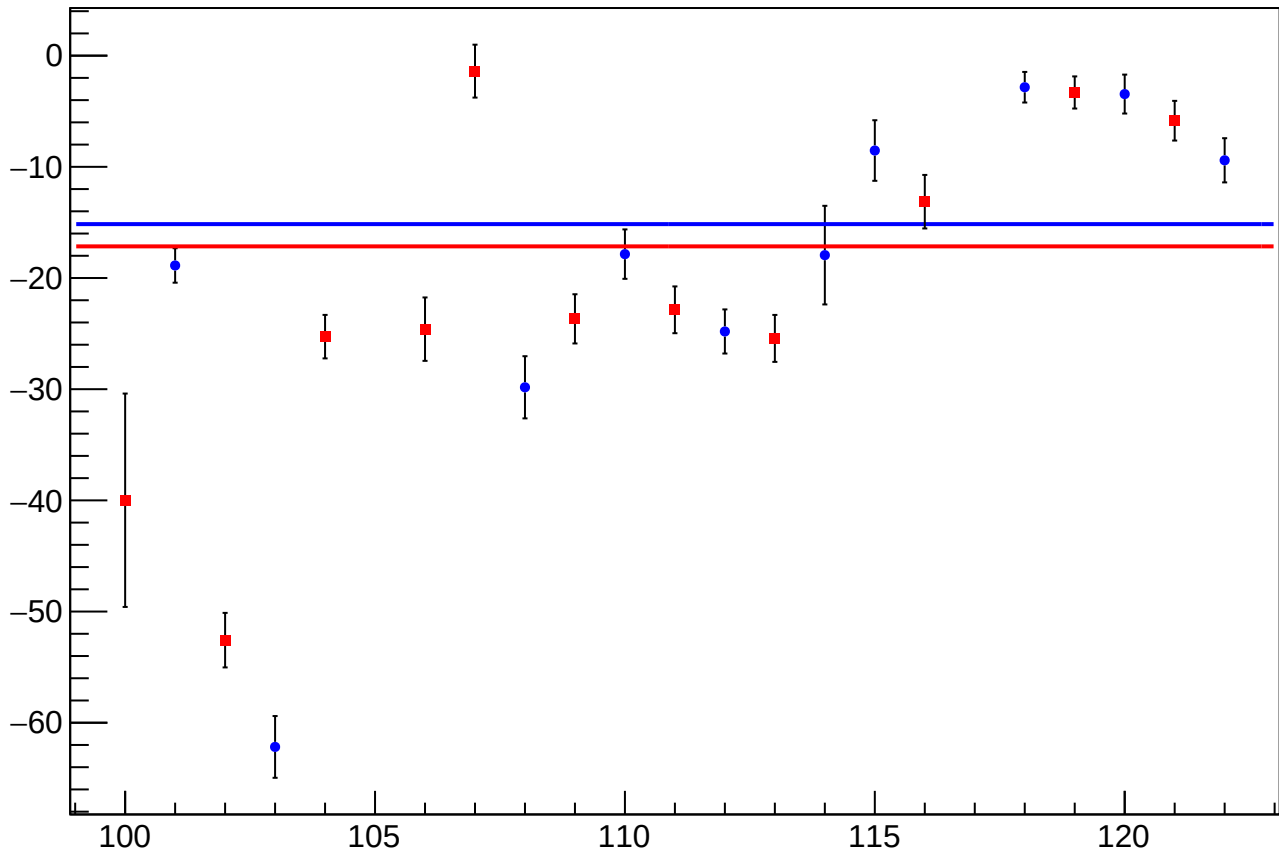
Right: -22.318 $\pm$ 0.410 χ^2 /NDF: 480.0/20

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: -22.318 $\pm$ 0.410 χ^2 /NDF: 480.0/20

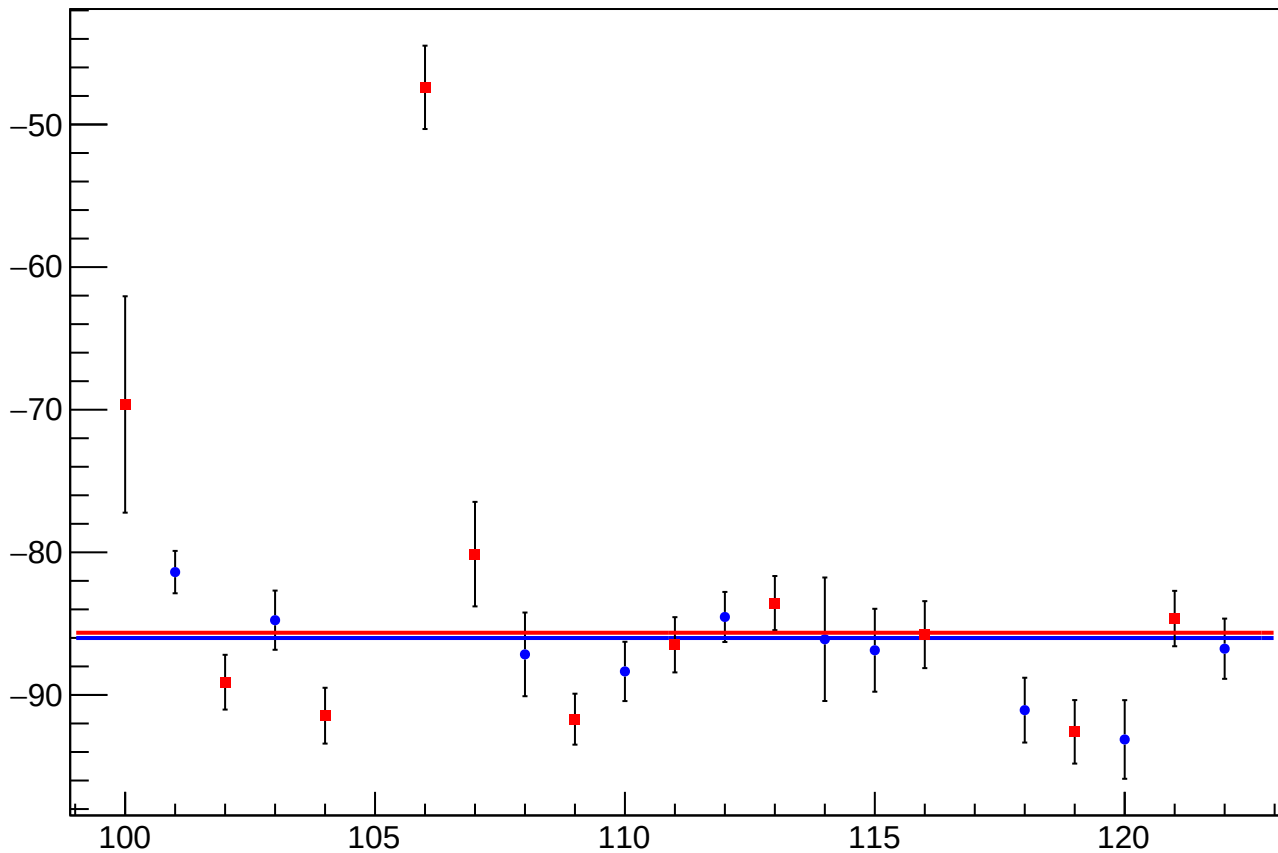
reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -17.154+/-0.651 χ^2/NDF : 448.1/10
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -16.139+/-0.457 χ^2/NDF : 937.4/20
 In: -15.153+/-0.642 χ^2/NDF :484.5/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -16.139+/-0.457 χ^2/NDF : 937.4/20

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.009+/-0.694 χ^2/NDF : 24.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.638+/-0.667 χ^2/NDF : 213.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

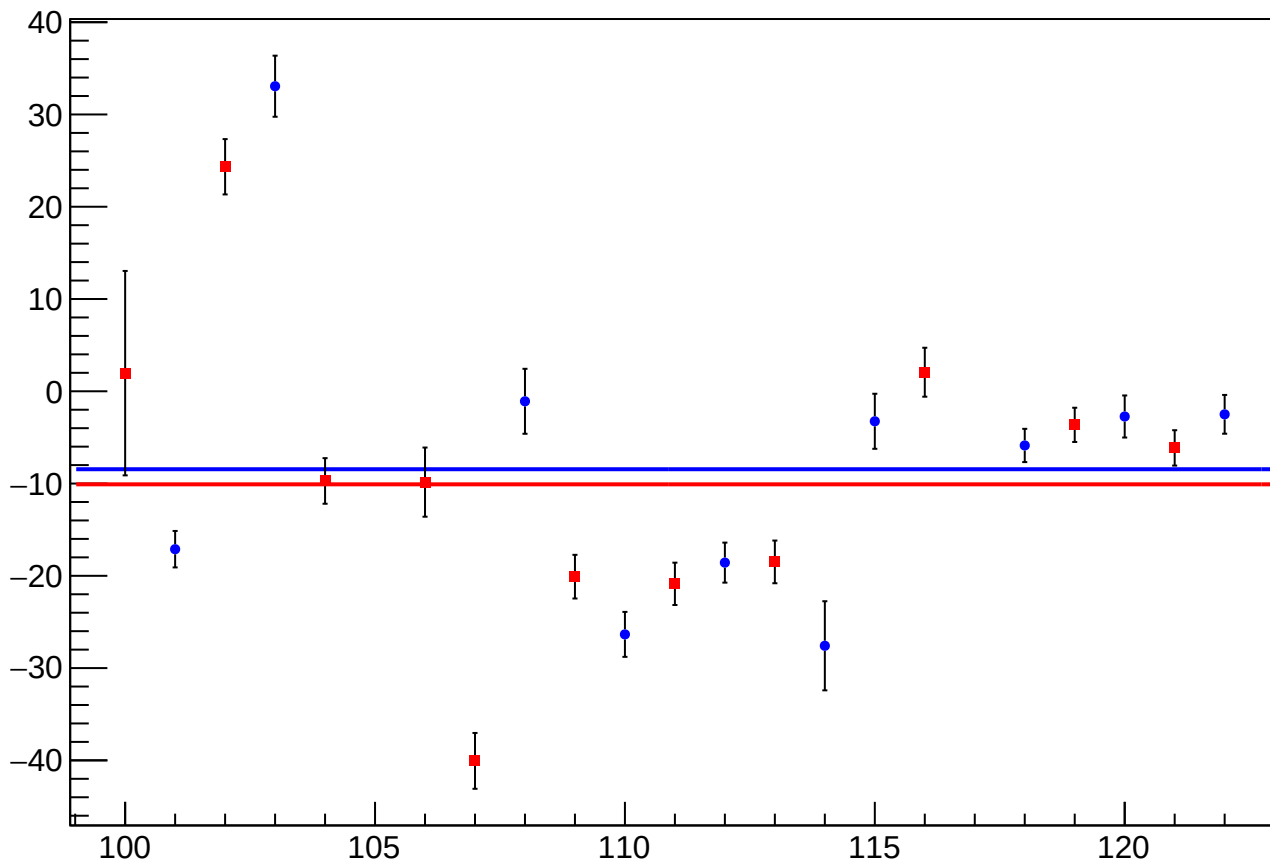
Right: -85.816+/-0.481 χ^2/NDF : 237.1/20

In: -86.009+/-0.694 χ^2/NDF : 24.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.816+/-0.481 χ^2/NDF : 237.1/20

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: -10.085+/-0.762 χ^2/NDF : 321.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

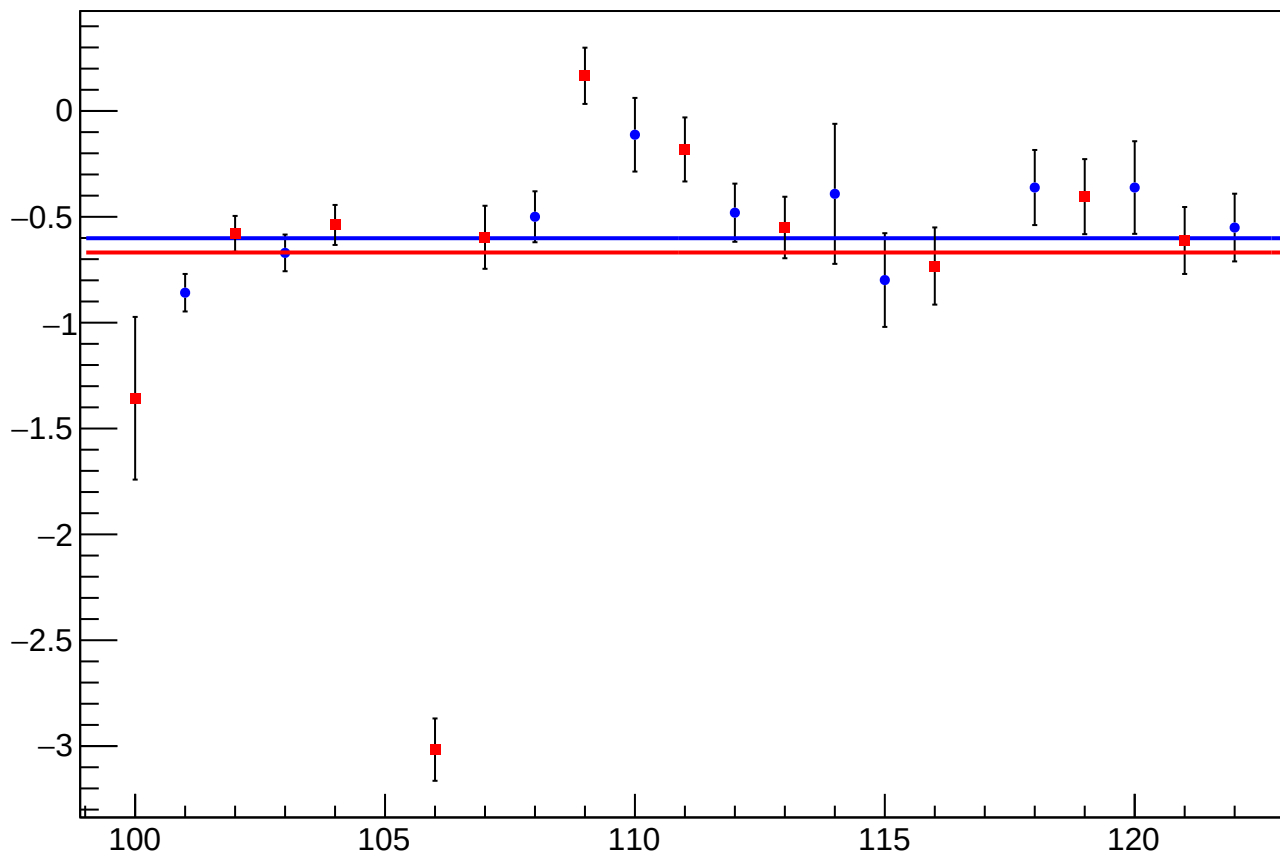
Right: -9.274+/-0.541 χ^2/NDF : 615.6/20

In: -8.449+/-0.769 χ^2/NDF : 291.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.274+/-0.541 χ^2/NDF : 615.6/20

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.601 $\pm$ 0.043 χ^2 /NDF: 22.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.668 $\pm$ 0.041 χ^2 /NDF: 313.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

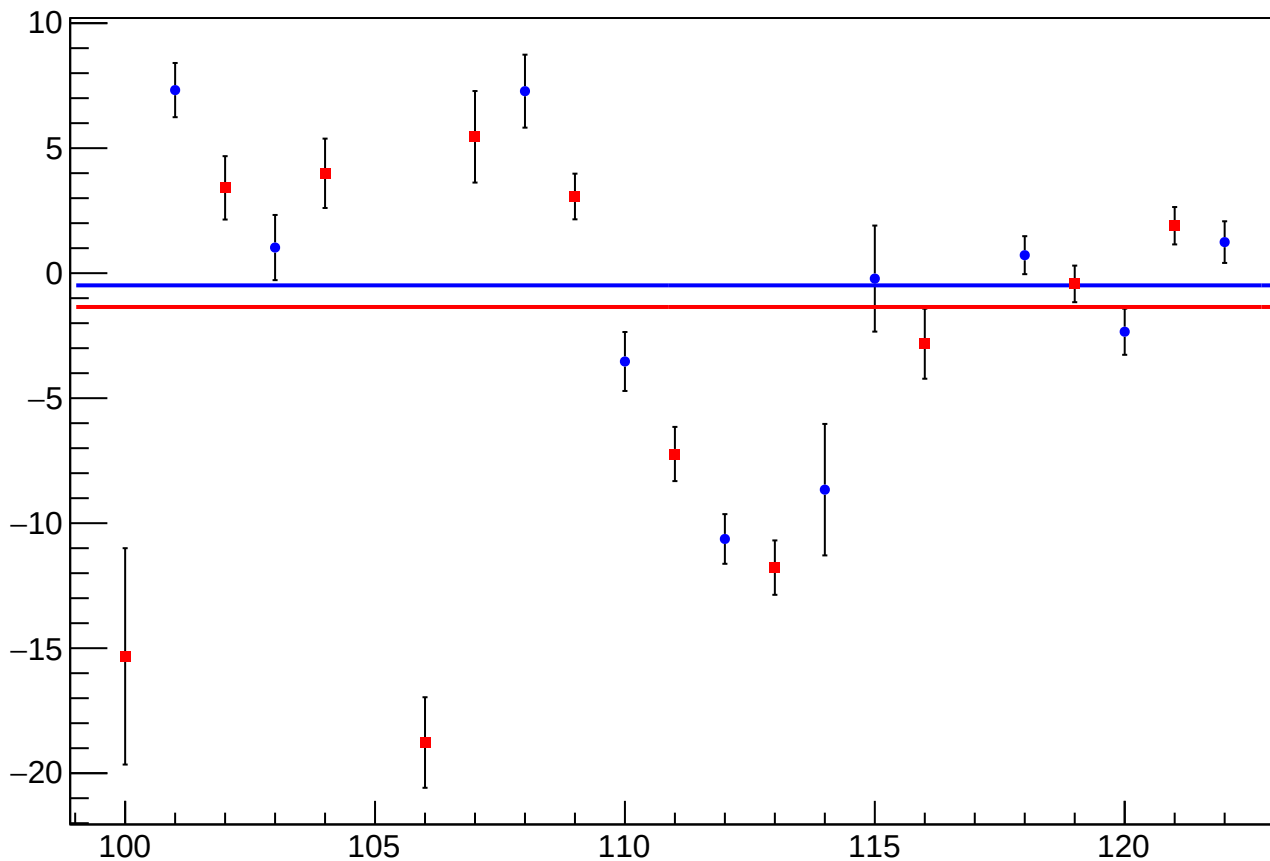
Right: -0.637 $\pm$ 0.030 χ^2 /NDF: 337.8/20

In: -0.601 $\pm$ 0.043 χ^2 /NDF:22.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.637 $\pm$ 0.030 χ^2 /NDF: 337.8/20

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: -1.352+/-0.336 χ^2/NDF : 312.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

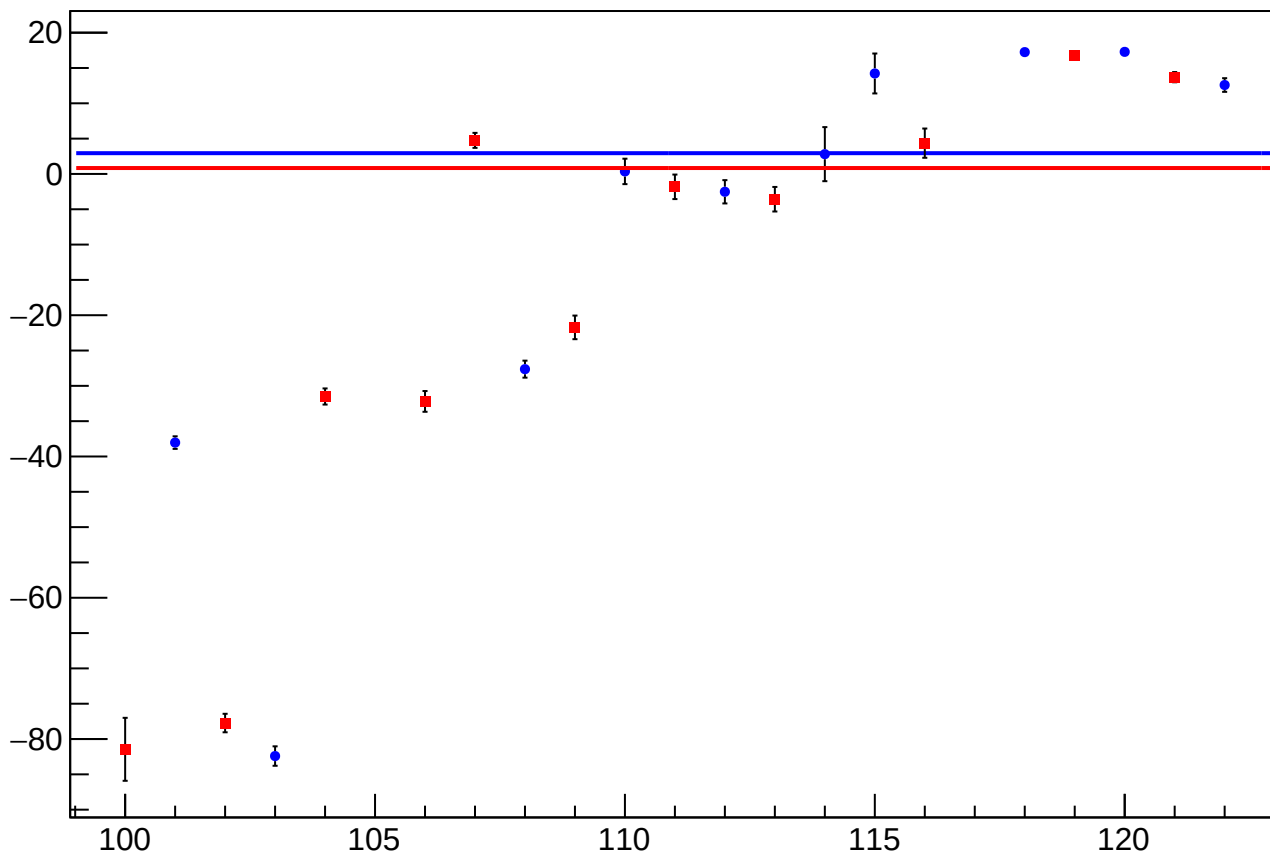
Right: -0.933+/-0.241 χ^2/NDF : 528.2/20

In: -0.488+/-0.346 χ^2/NDF : 213.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.933+/-0.241 χ^2/NDF : 528.2/20

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: 0.837+/-0.310 χ^2/NDF : 6913.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

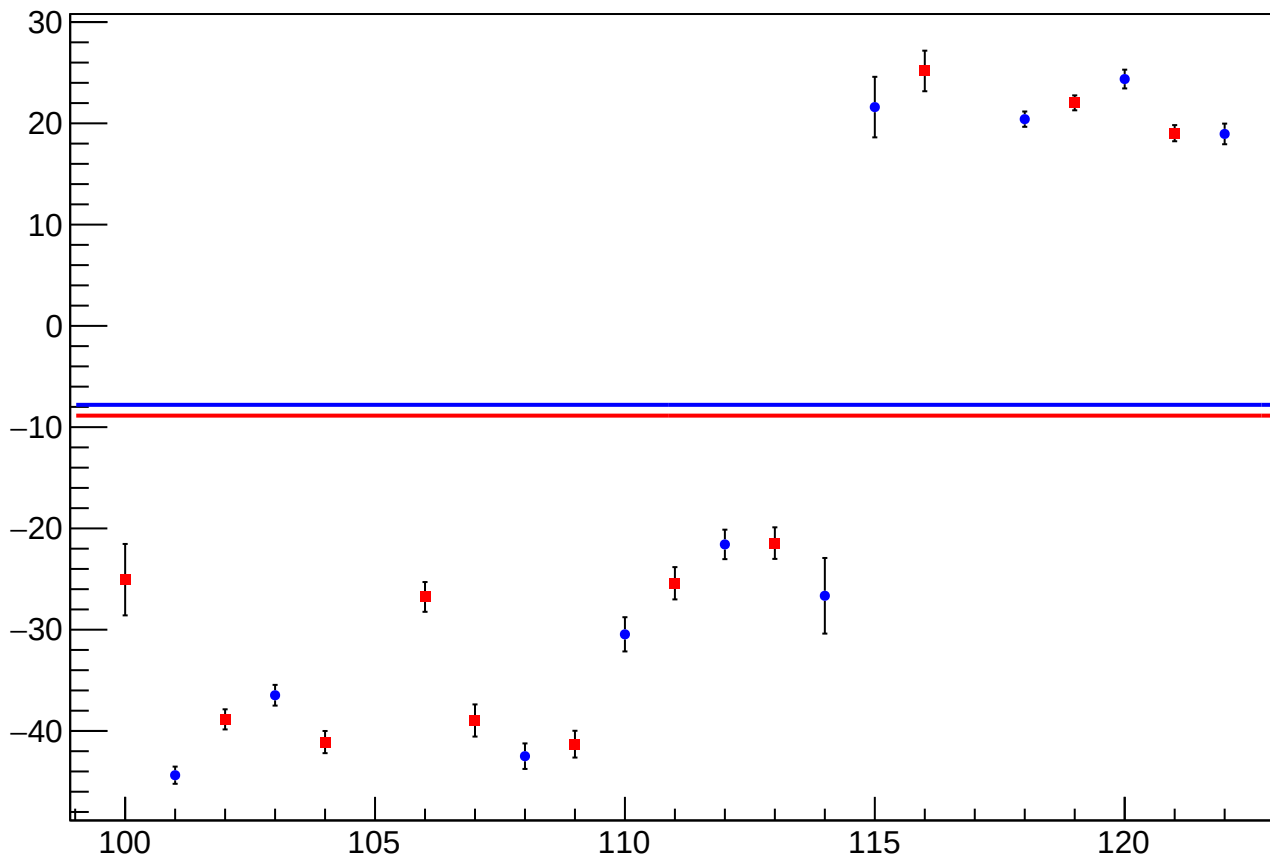
Right: 1.964+/-0.211 χ^2/NDF : 15244.9/20

In: 2.940+/-0.288 χ^2/NDF :8307.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.964+/-0.211 χ^2/NDF : 15244.9/20

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: -8.862+/-0.358 χ^2/NDF : 6347.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

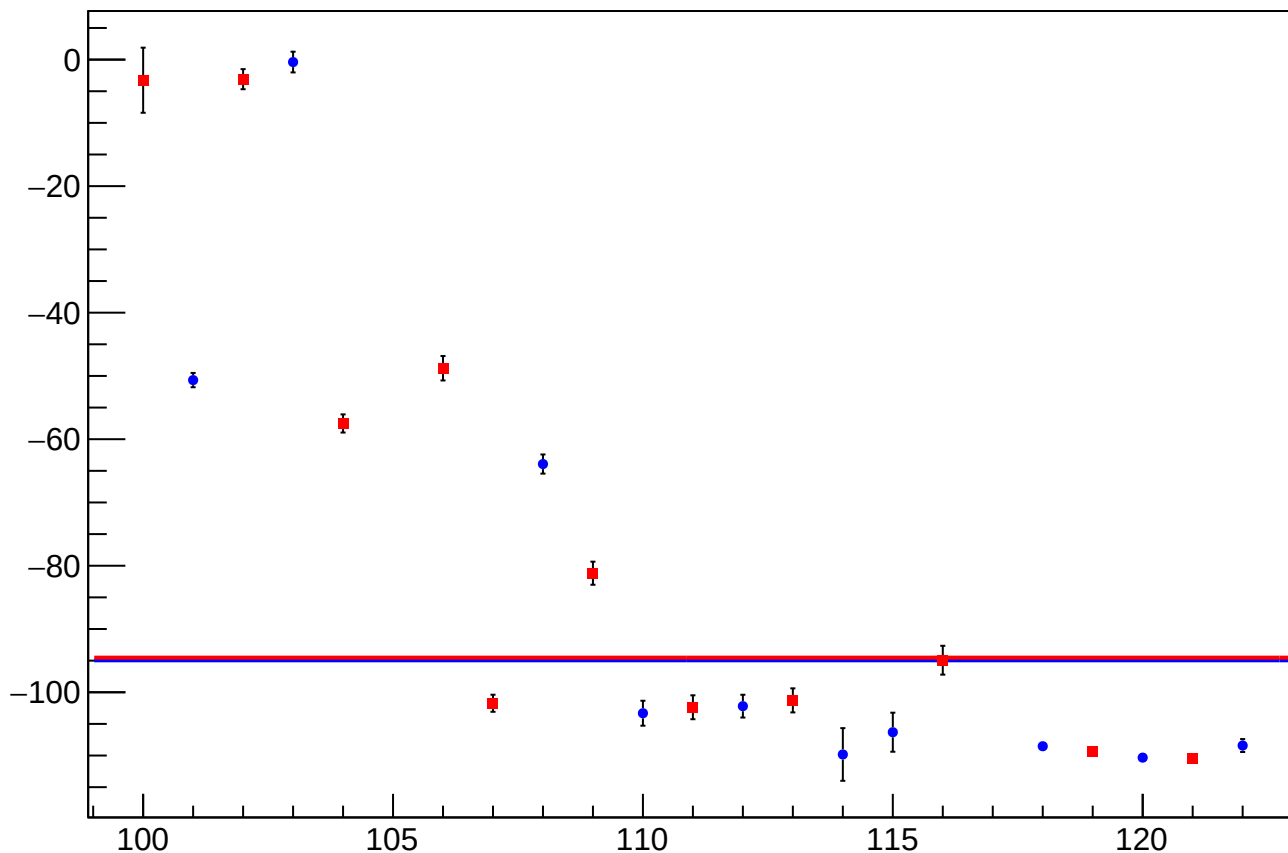
Right: -8.328+/-0.253 χ^2/NDF : 13430.9/20

In: -7.796+/-0.357 χ^2/NDF : 7078.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.328+/-0.253 χ^2/NDF : 13430.9/20

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: -94.527 ± 0.375 χ^2/NDF : 5979.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

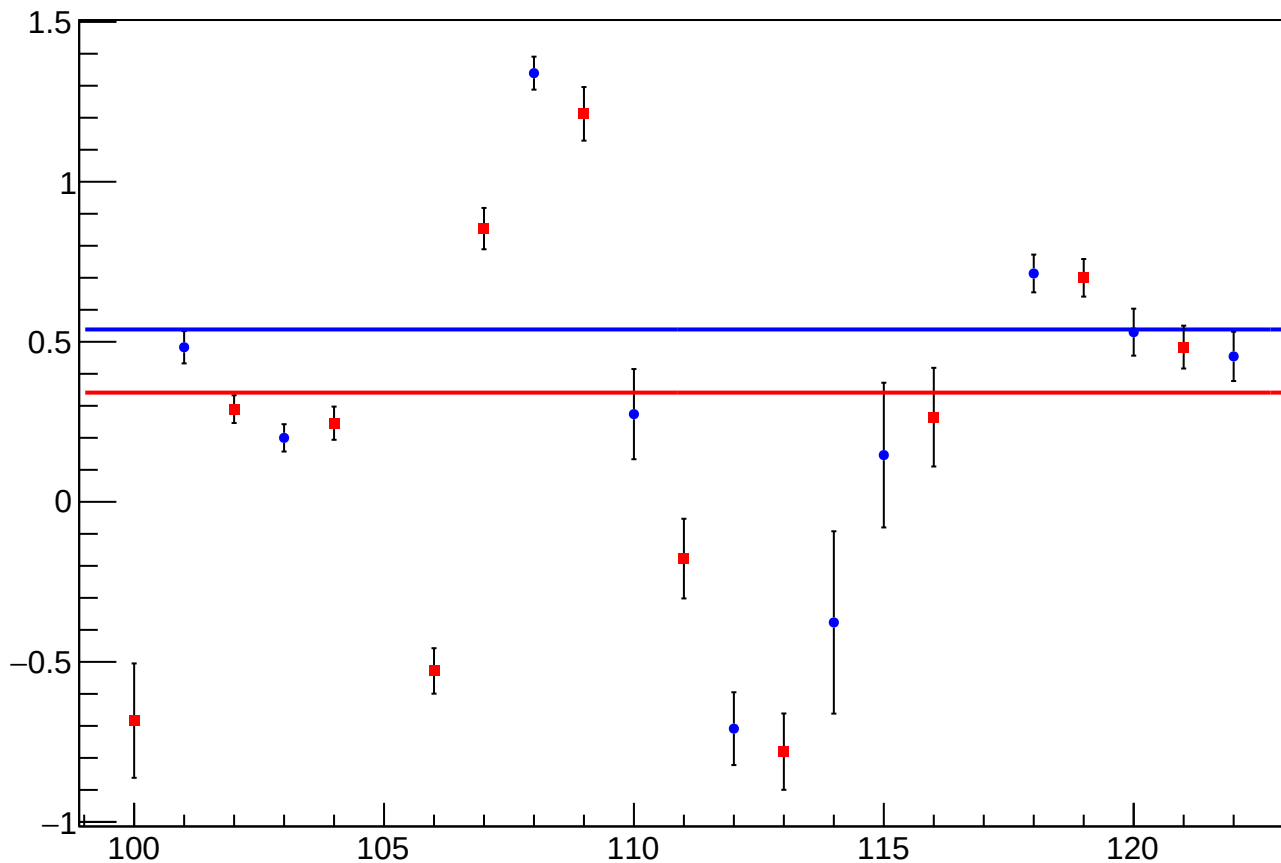
Right: -94.747 ± 0.259 χ^2/NDF : 12413.7/20

In: -94.948 ± 0.359 χ^2/NDF : 6433.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -94.747 ± 0.259 χ^2/NDF : 12413.7/20

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.539 $\pm$ 0.022 χ^2 /NDF: 453.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.341 $\pm$ 0.021 χ^2 /NDF: 506.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

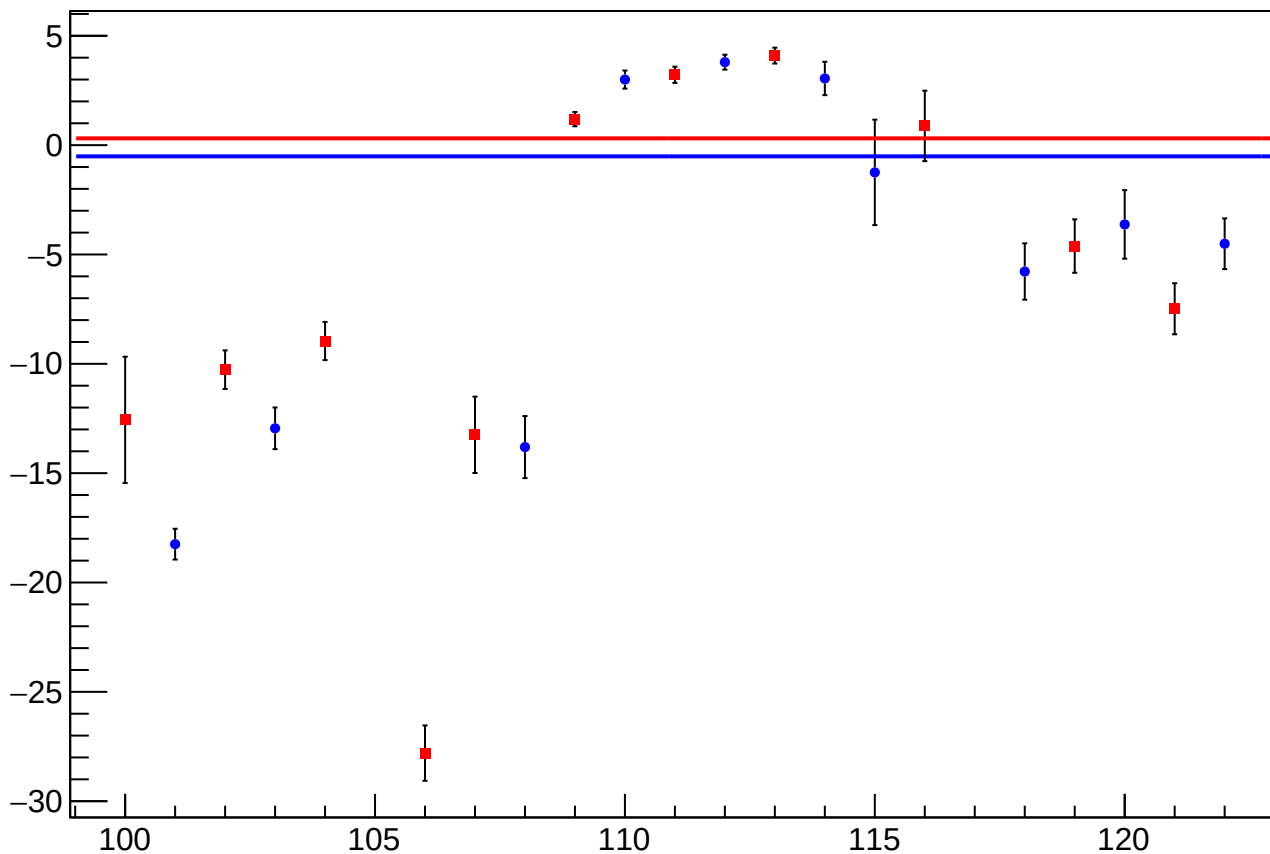
Right: 0.438 $\pm$ 0.015 χ^2 /NDF: 1001.9/20

In: 0.539 $\pm$ 0.022 χ^2 /NDF:453.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.438 $\pm$ 0.015 χ^2 /NDF: 1001.9/20

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: 0.311+/-0.183 χ^2/NDF : 1067.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

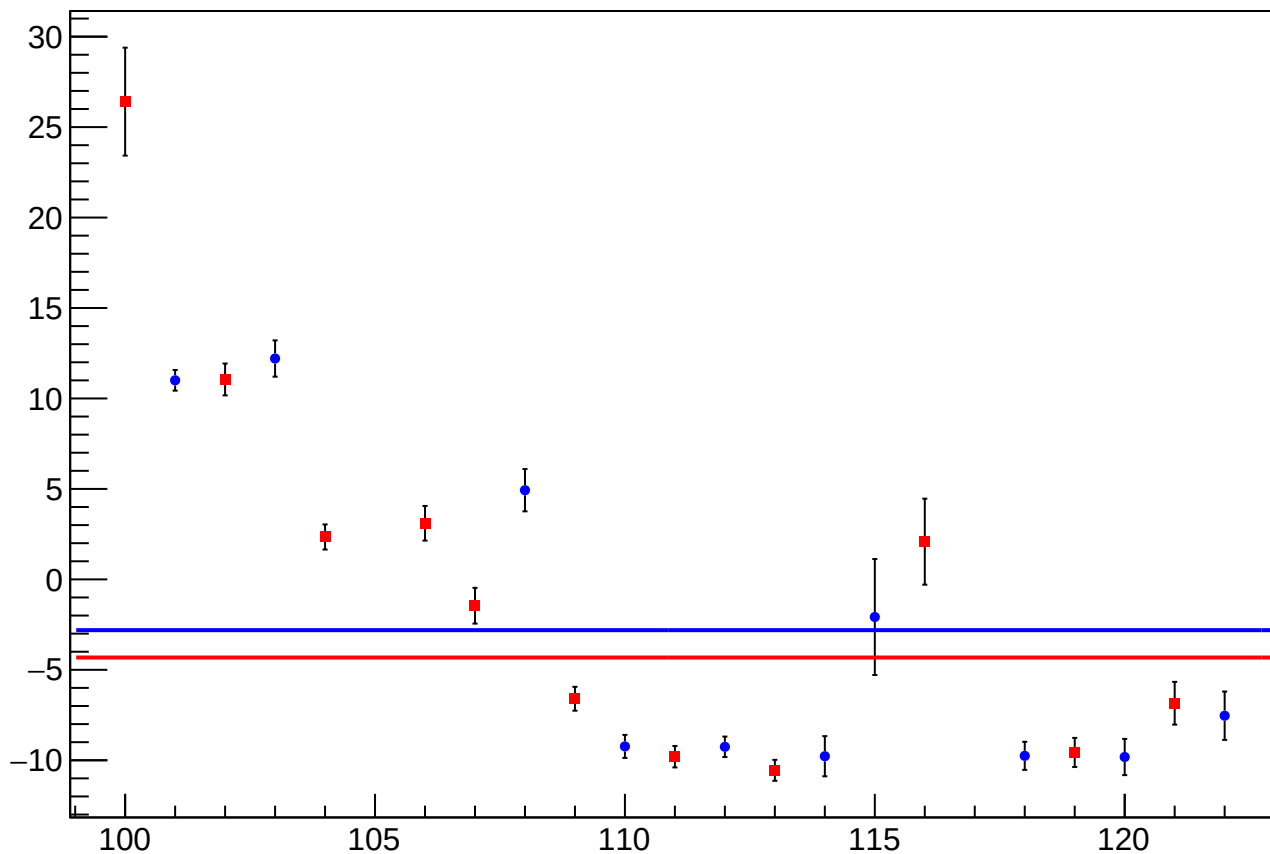
Right: -0.037+/-0.139 χ^2/NDF : 2255.1/20

In: -0.513+/-0.215 χ^2/NDF :1178.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.037+/-0.139 χ^2/NDF : 2255.1/20

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: -4.318+/-0.249 χ^2/NDF : 839.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

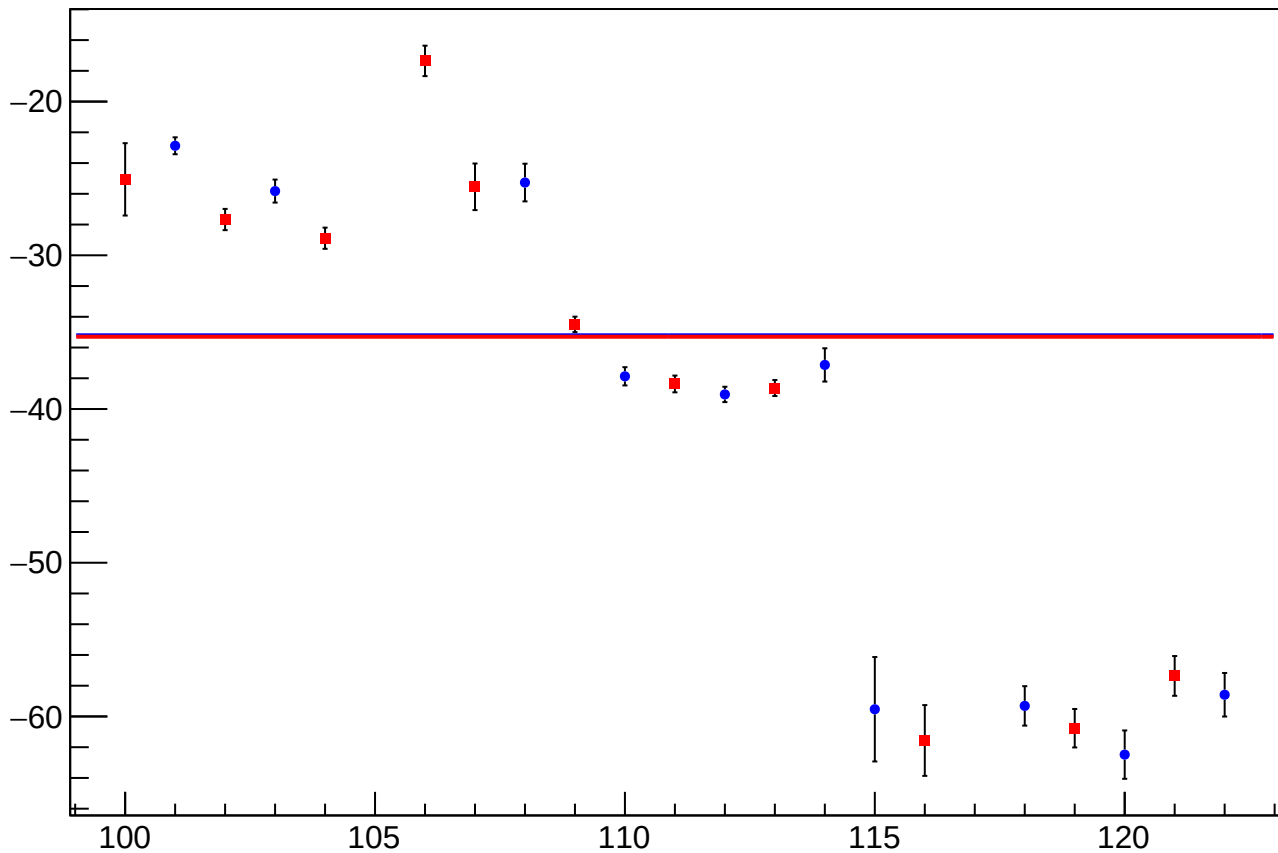
Right: -3.603+/-0.181 χ^2/NDF : 2121.4/20

In: -2.807+/-0.262 χ^2/NDF : 1264.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.603+/-0.181 χ^2/NDF : 2121.4/20

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.204 $\pm$ 0.258 χ^2 /NDF: 1785.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.298 $\pm$ 0.234 χ^2 /NDF: 1507.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

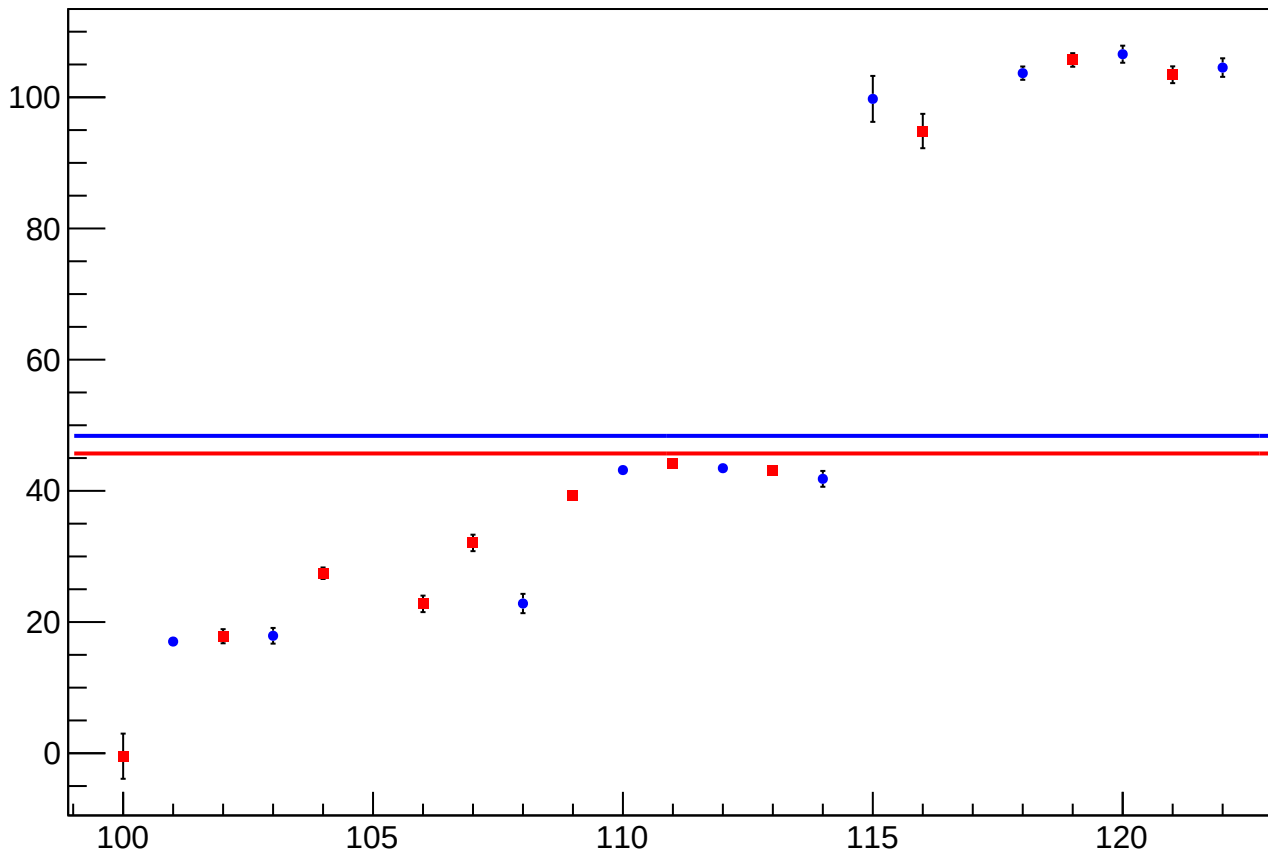
Right: -35.255 $\pm$ 0.173 χ^2 /NDF: 3293.8/20

In: -35.204 $\pm$ 0.258 χ^2 /NDF:1785.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.255 $\pm$ 0.173 χ^2 /NDF: 3293.8/20

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: 45.699+/-0.287 χ^2/NDF : 7592.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

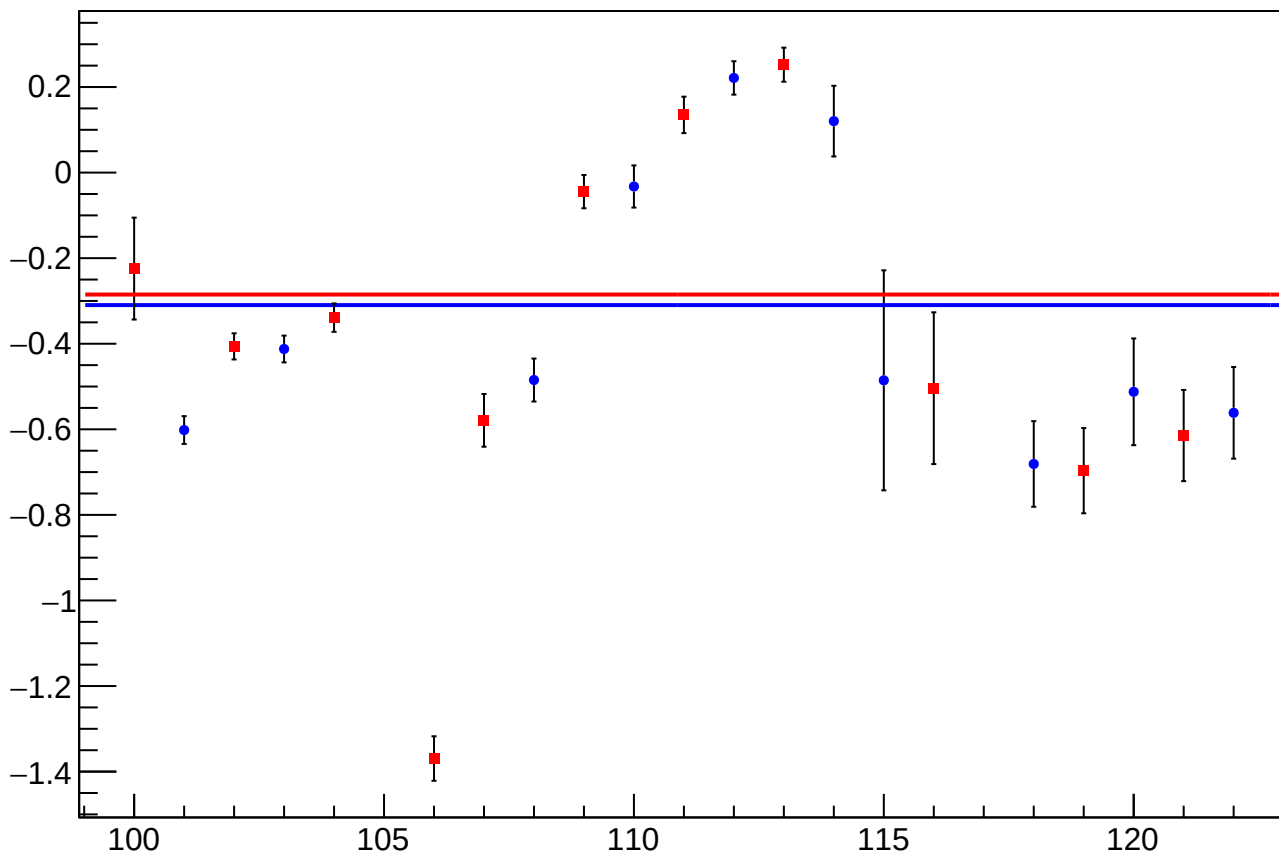
Right: 46.947+/-0.210 χ^2/NDF : 17344.7/20

In: 48.384+/-0.308 χ^2/NDF : 9711.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.947+/-0.210 χ^2/NDF : 17344.7/20

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: -0.285+/-0.015 χ^2/NDF : 821.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

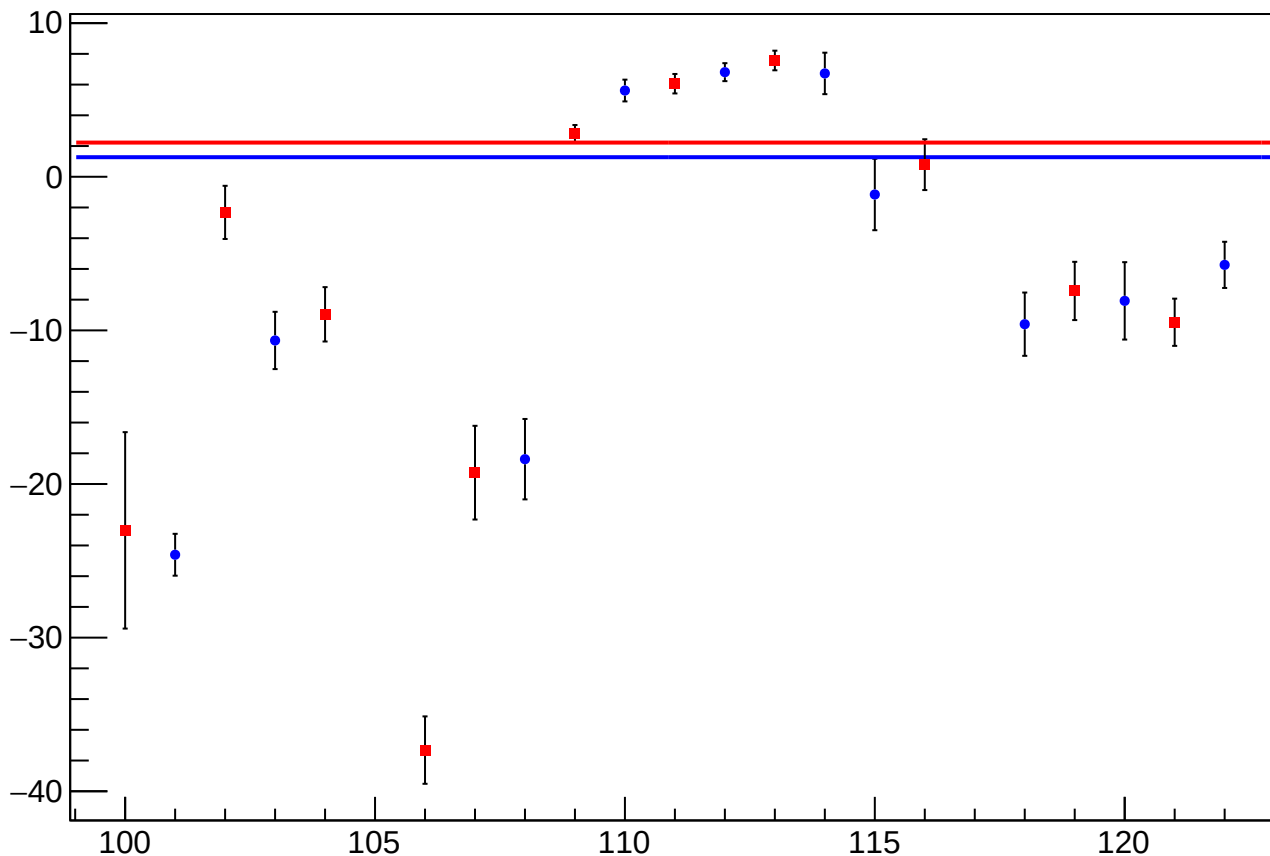
Right: -0.296+/-0.011 χ^2/NDF : 1192.5/20

In: -0.310+/-0.016 χ^2/NDF :369.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.296+/-0.011 χ^2/NDF : 1192.5/20

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: 2.225+/-0.315 χ^2/NDF : 629.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

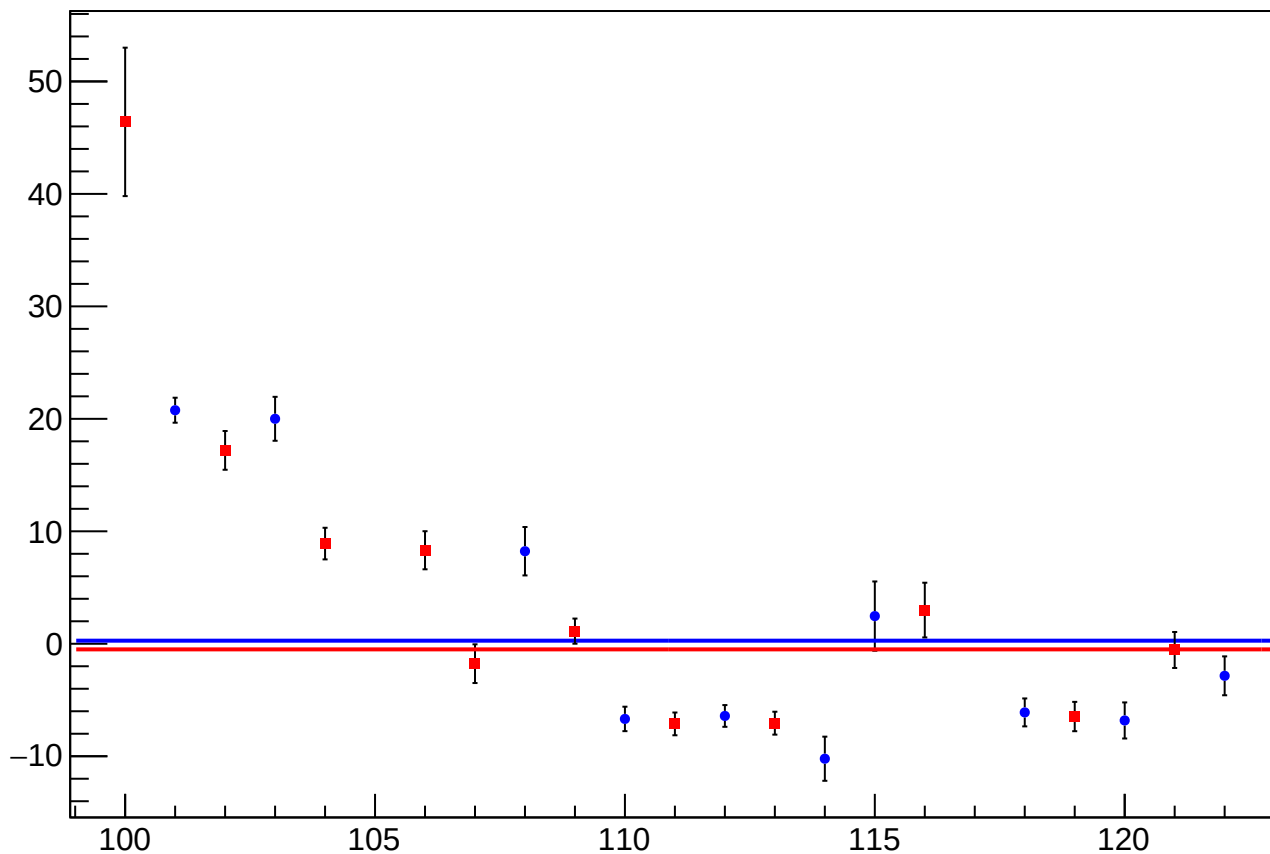
Right: 1.820+/-0.239 χ^2/NDF : 1299.1/20

In: 1.274+/-0.366 χ^2/NDF : 666.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.820+/-0.239 χ^2/NDF : 1299.1/20

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: -0.499+/-0.429 χ^2/NDF : 337.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

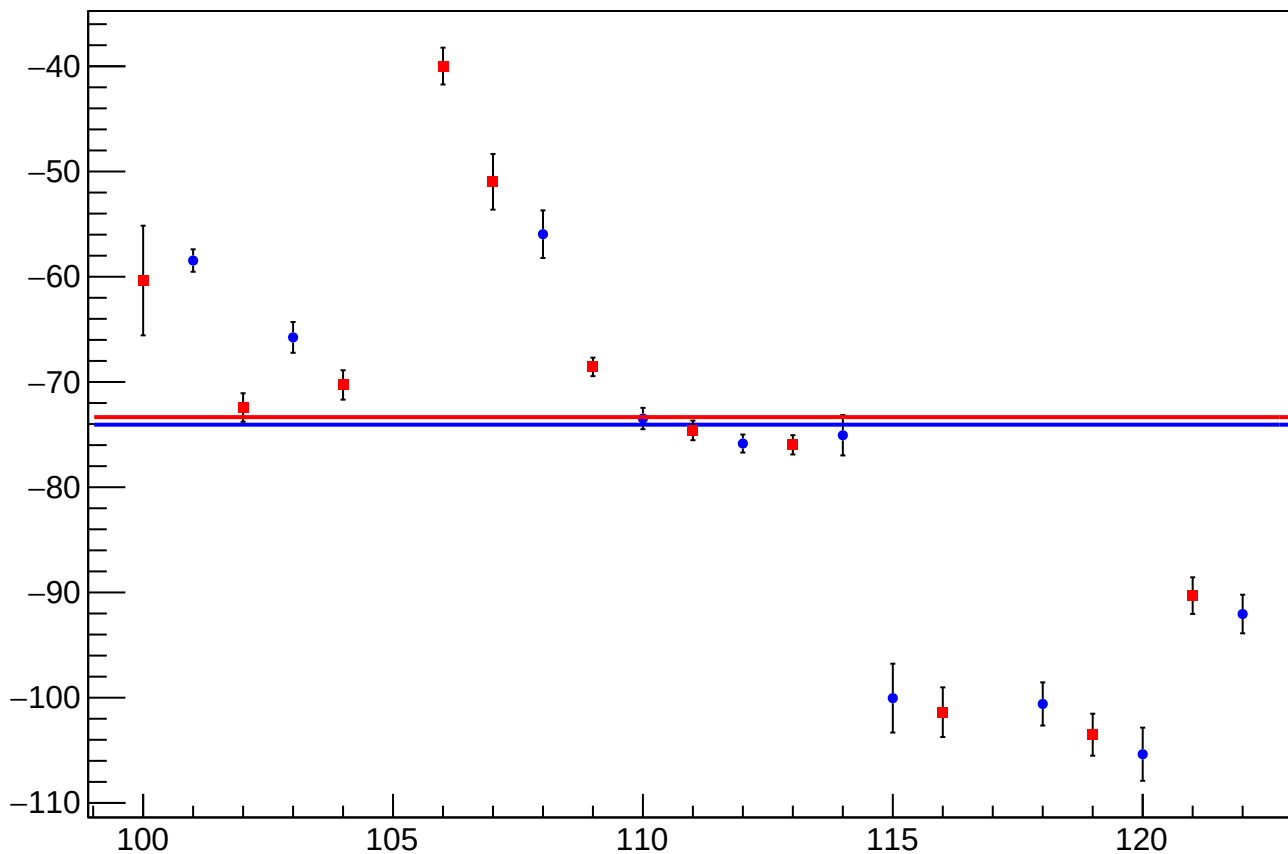
Right: -0.131+/-0.310 χ^2/NDF : 962.3/20

In: 0.275+/-0.450 χ^2/NDF :623.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.131+/-0.310 χ^2/NDF : 962.3/20

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: -73.338 $\pm$ 0.409 χ^2 /NDF: 951.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

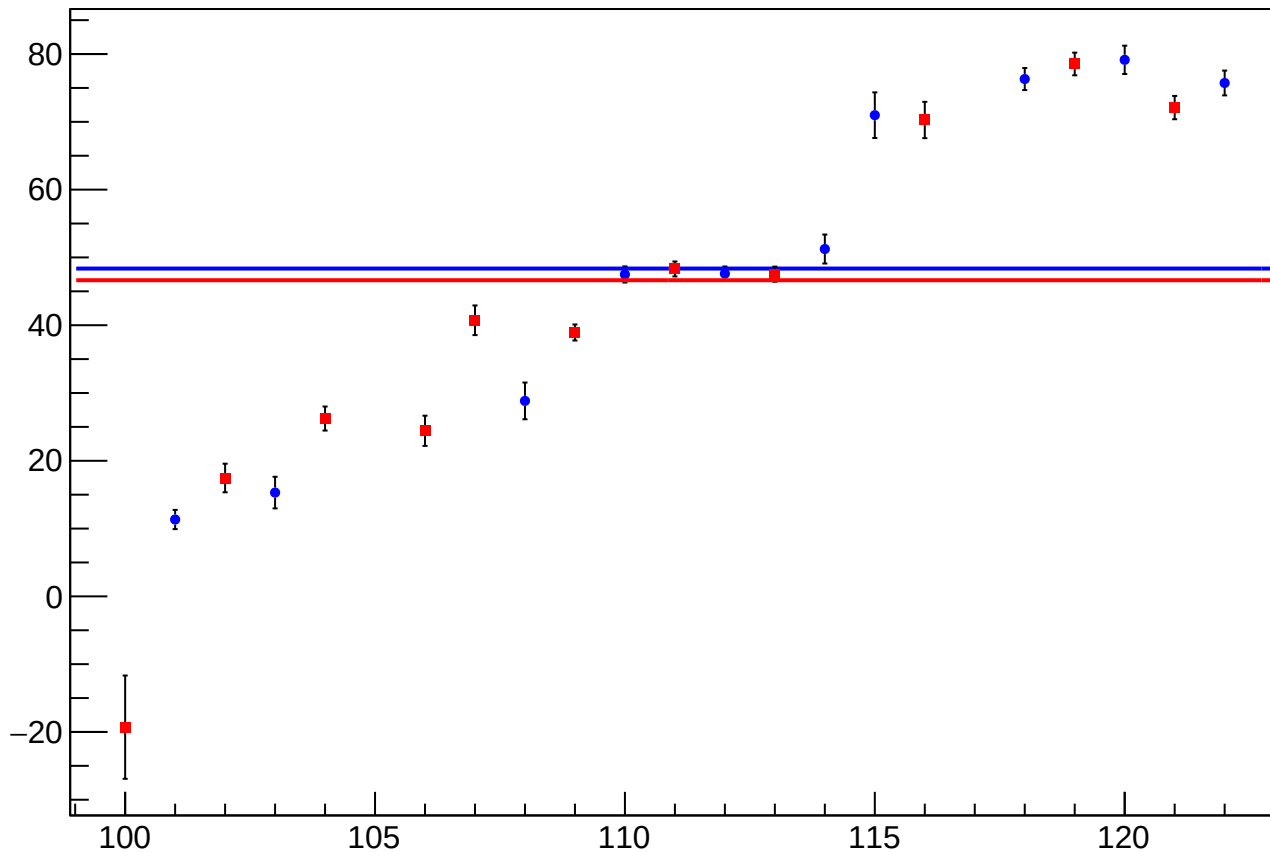
Right: -73.663 $\pm$ 0.303 χ^2 /NDF: 1748.7/20

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: -73.663 $\pm$ 0.303 χ^2 /NDF: 1748.7/20

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: 46.636+/-0.491 χ^2/NDF : 1212.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

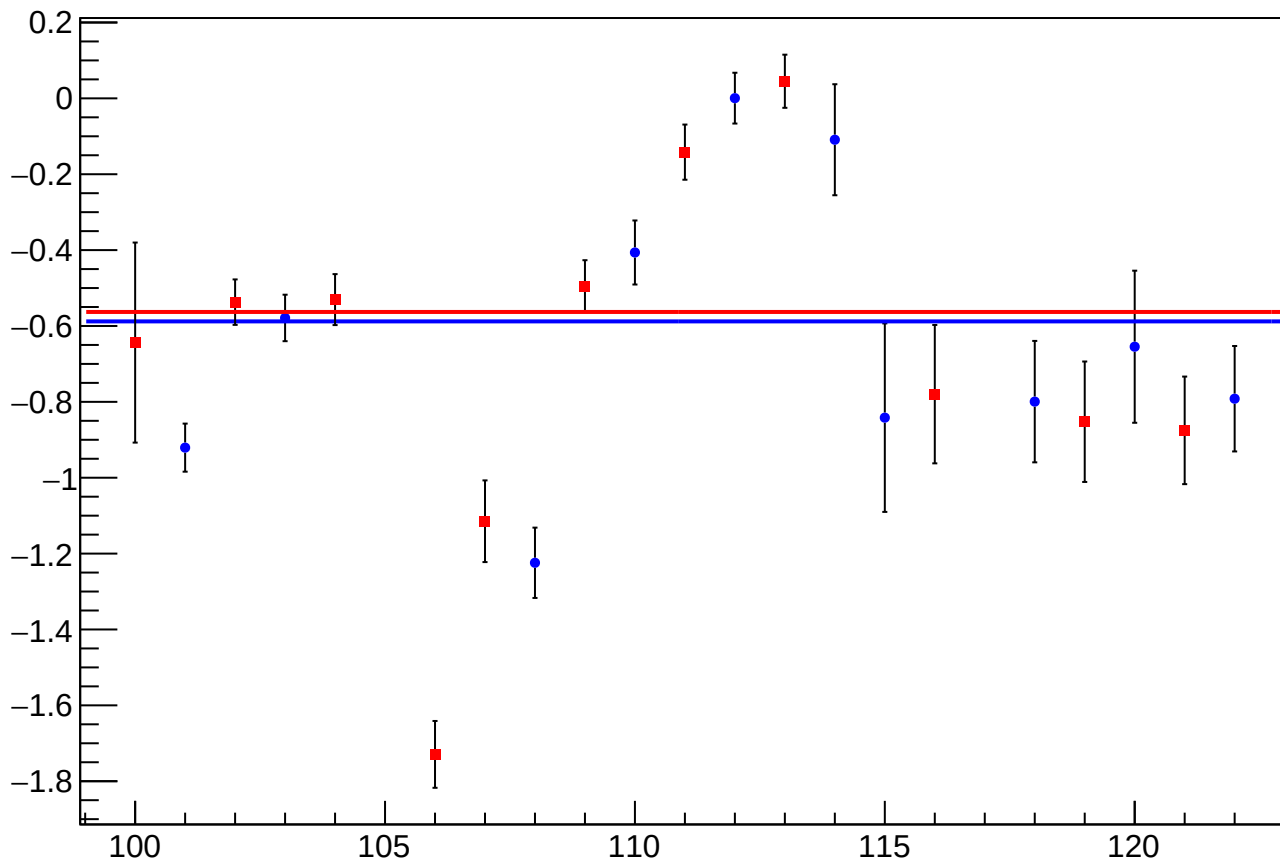
Right: 47.439+/-0.358 χ^2/NDF : 2938.7/20

In: 48.357+/-0.525 χ^2/NDF : 1720.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.439+/-0.358 χ^2/NDF : 2938.7/20

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: -0.563+/-0.026 χ^2/NDF : 321.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

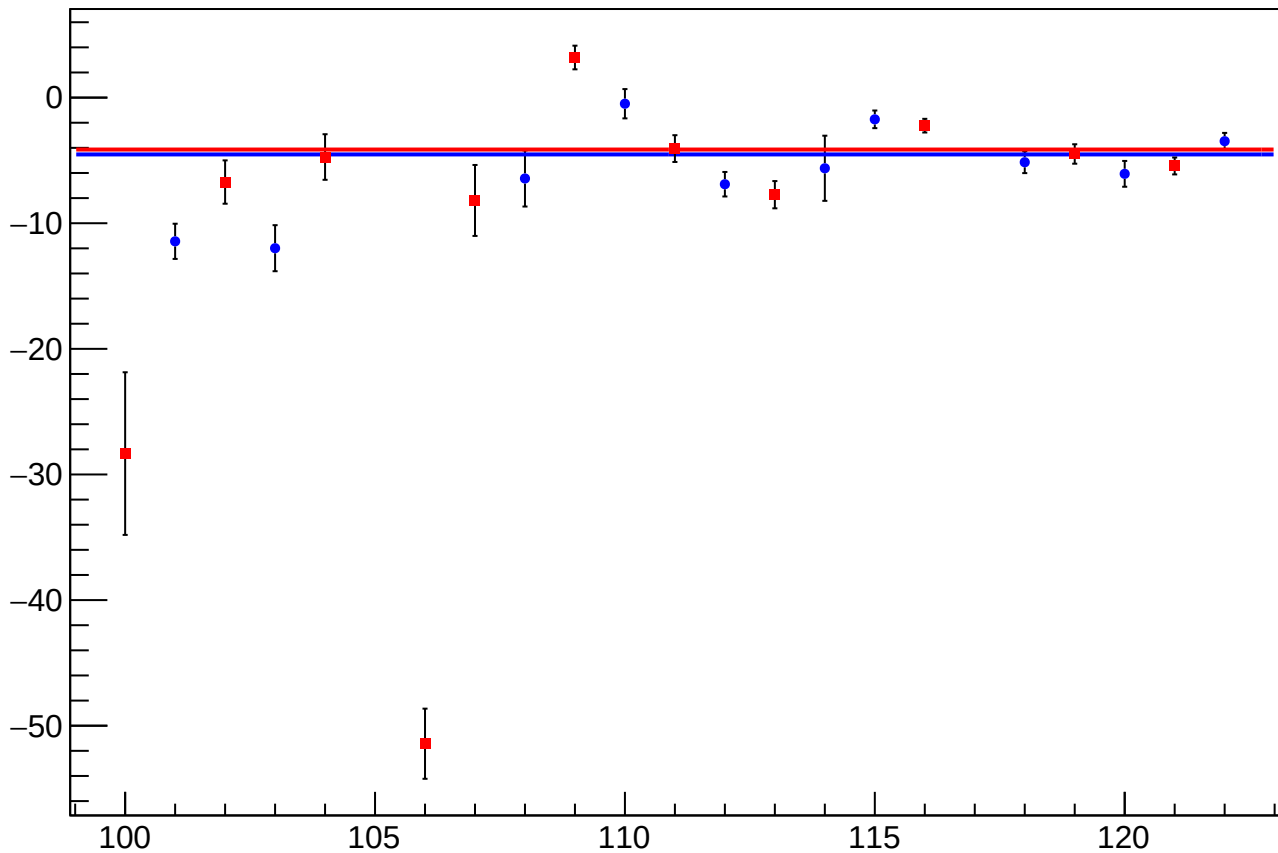
Right: -0.574+/-0.019 χ^2/NDF : 494.4/20

In: -0.588+/-0.029 χ^2/NDF : 172.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.574+/-0.019 χ^2/NDF : 494.4/20

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: -4.133+/-0.301 χ^2/NDF : 393.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

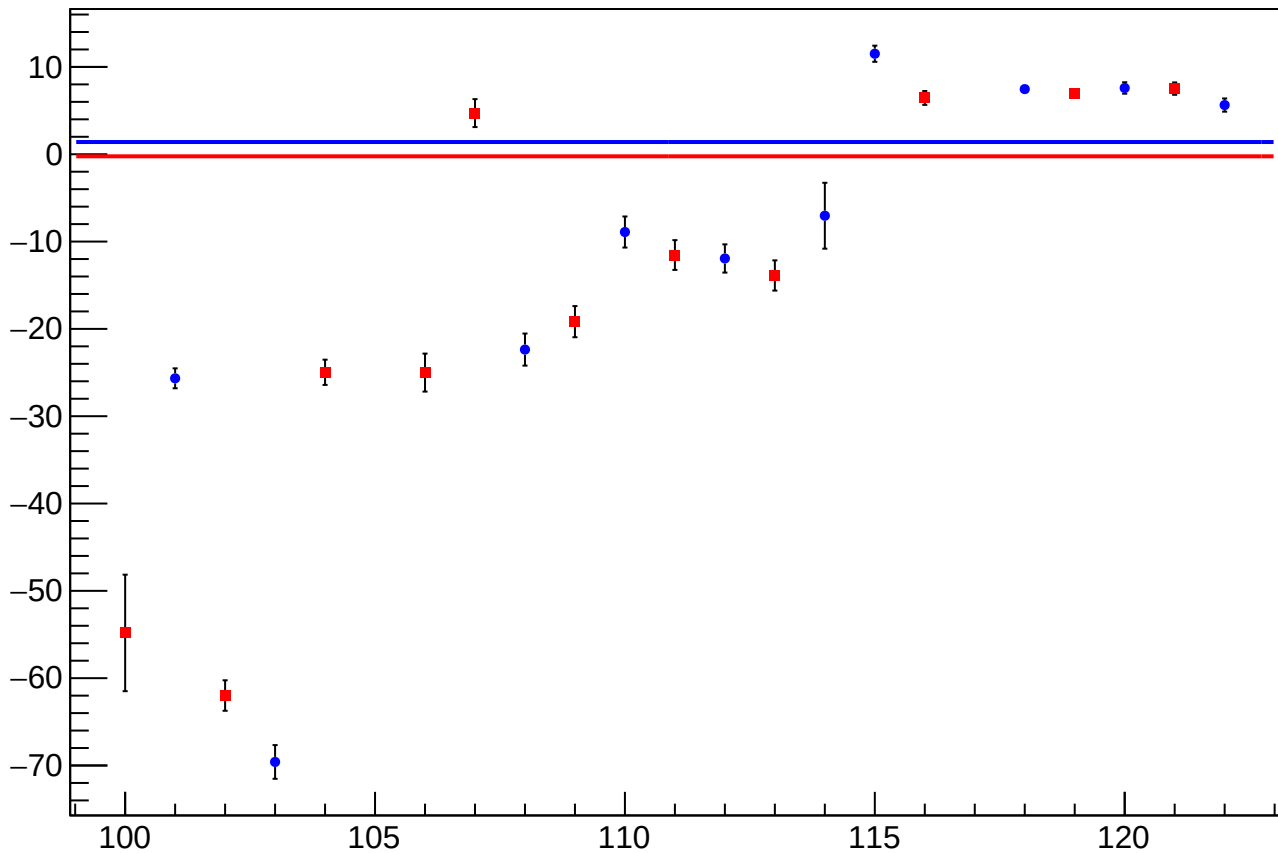
Right: -4.314+/-0.220 χ^2/NDF : 474.8/20

In: -4.523+/-0.323 χ^2/NDF :81.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.314+/-0.220 χ^2/NDF : 474.8/20

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: -0.236+/-0.325 χ^2/NDF : 2341.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

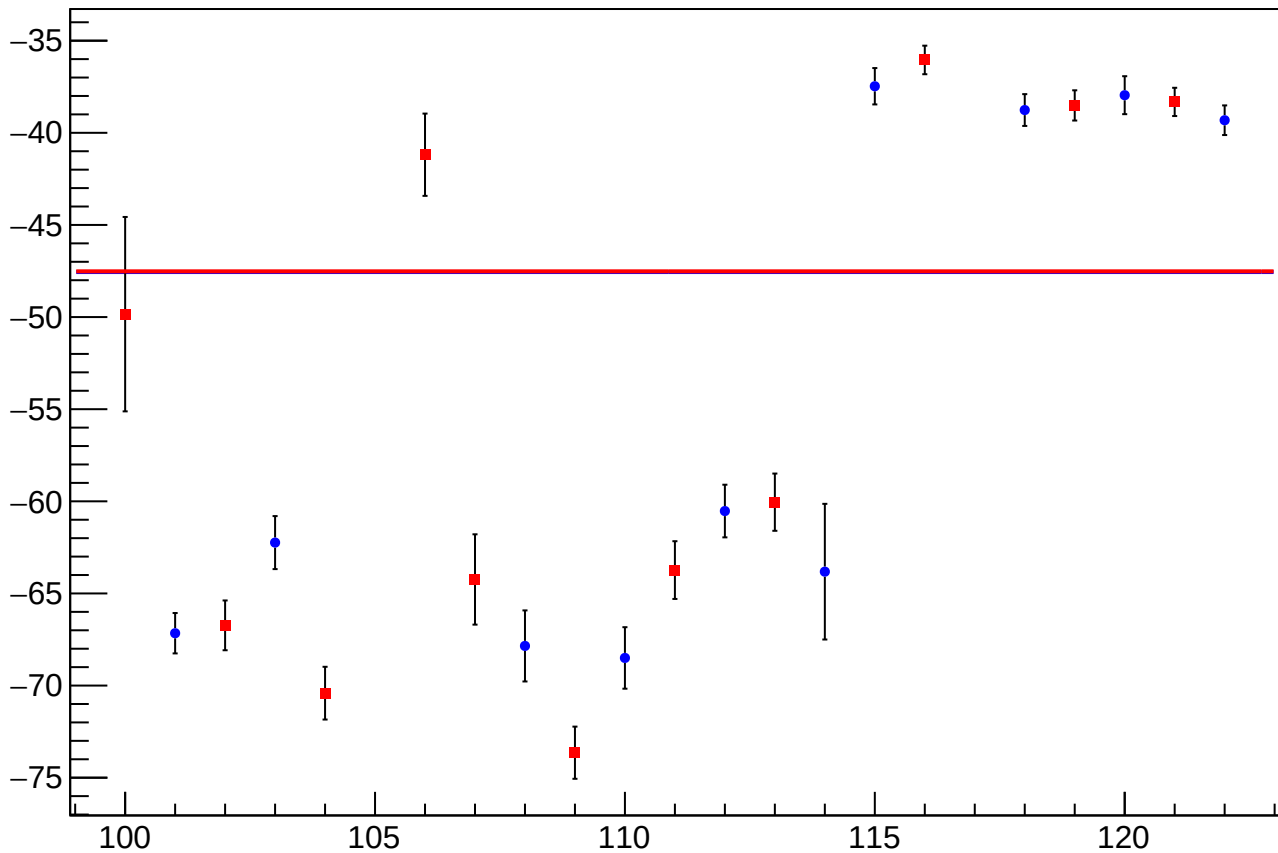
Right: 0.645+/-0.221 χ^2/NDF : 4919.2/20

In: 1.401+/-0.301 χ^2/NDF :2564.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.645+/-0.221 χ^2/NDF : 4919.2/20

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: -47.517+/-0.362 χ^2/NDF : 1509.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

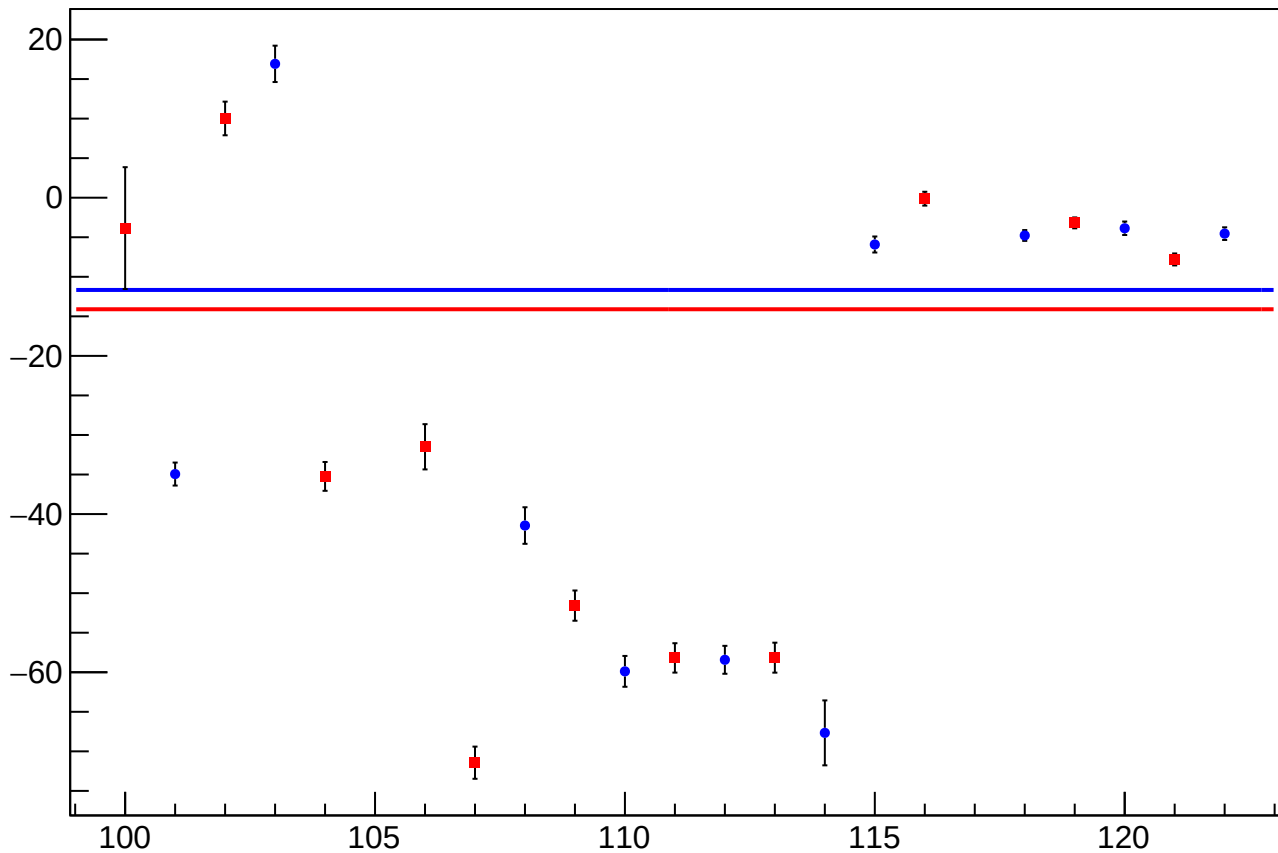
Right: -47.537+/-0.258 χ^2/NDF : 2703.3/20

In: -47.557+/-0.368 χ^2/NDF : 1194.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.537+/-0.258 χ^2/NDF : 2703.3/20

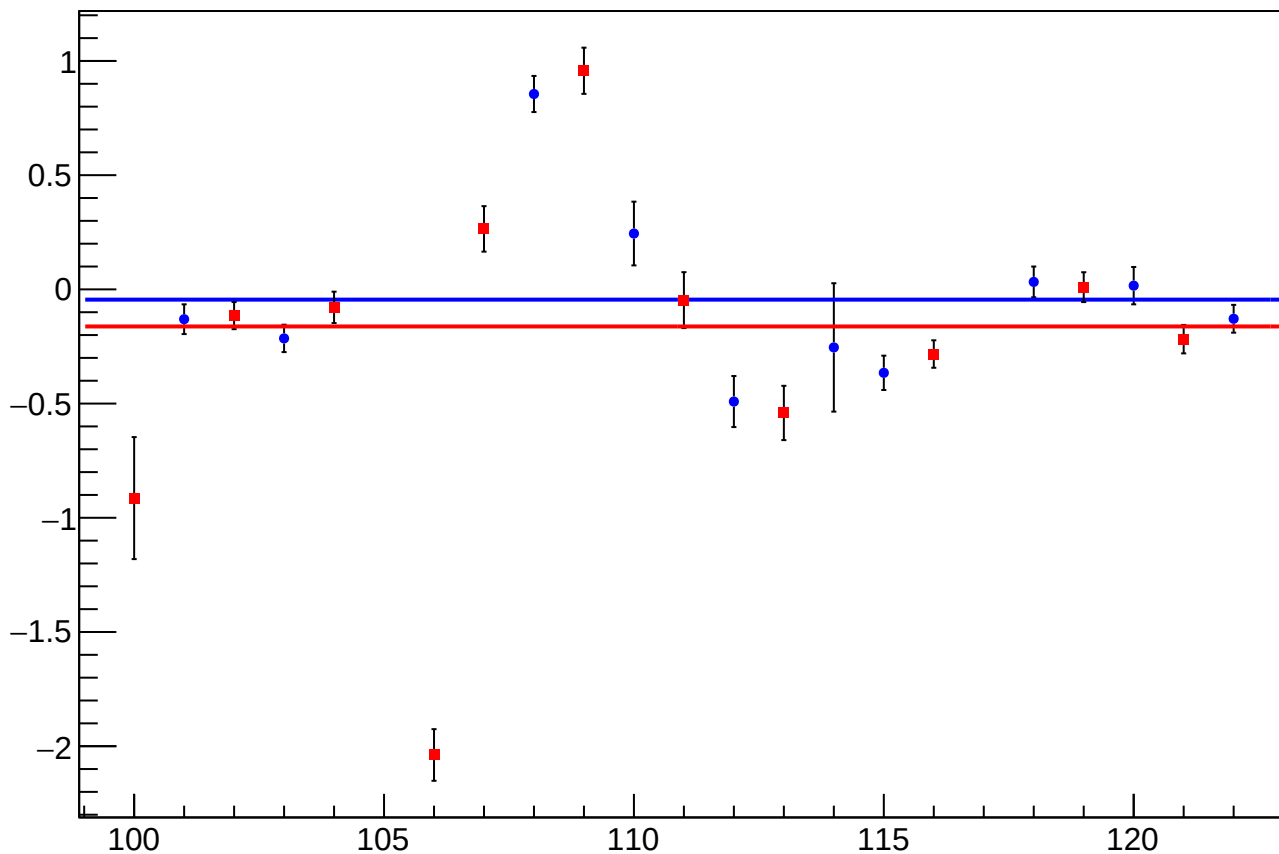
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.664 $\pm$ 0.364 χ^2 /NDF: 2372.7/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -14.105 $\pm$ 0.381 χ^2 /NDF: 3158.5/10
 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: -12.829 $\pm$ 0.263 χ^2 /NDF: 5552.6/20
 In: -11.664 $\pm$ 0.364 χ^2 /NDF:2372.7/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -12.829 $\pm$ 0.263 χ^2 /NDF: 5552.6/20

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.045 $\pm$ 0.025 χ^2 /NDF: 182.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.162 $\pm$ 0.024 χ^2 /NDF: 449.1/10

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

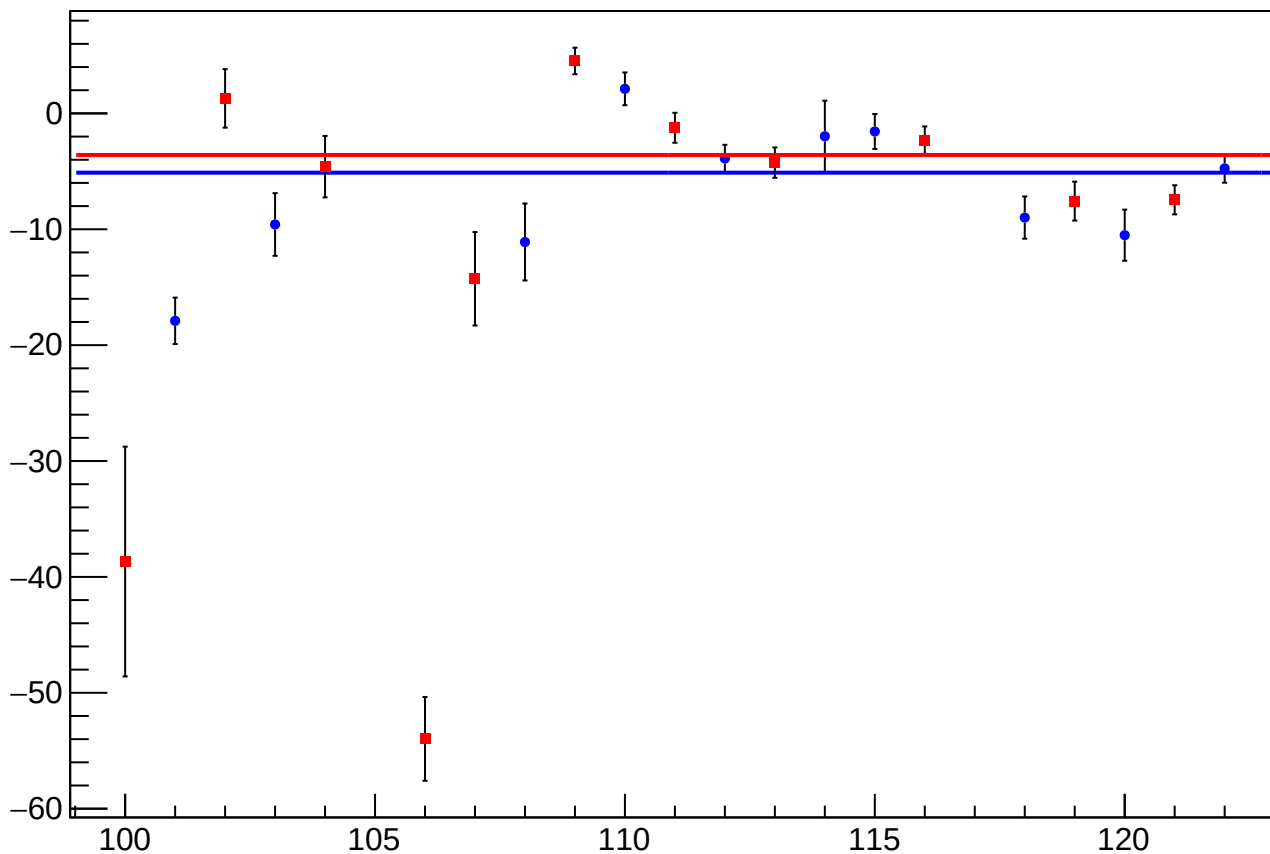
Right: -0.105 $\pm$ 0.017 χ^2 /NDF: 642.7/20

In: -0.045 $\pm$ 0.025 χ^2 /NDF:182.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.105 $\pm$ 0.017 χ^2 /NDF: 642.7/20

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.115+/-0.542 χ^2/NDF : 91.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.589+/-0.495 χ^2/NDF : 287.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

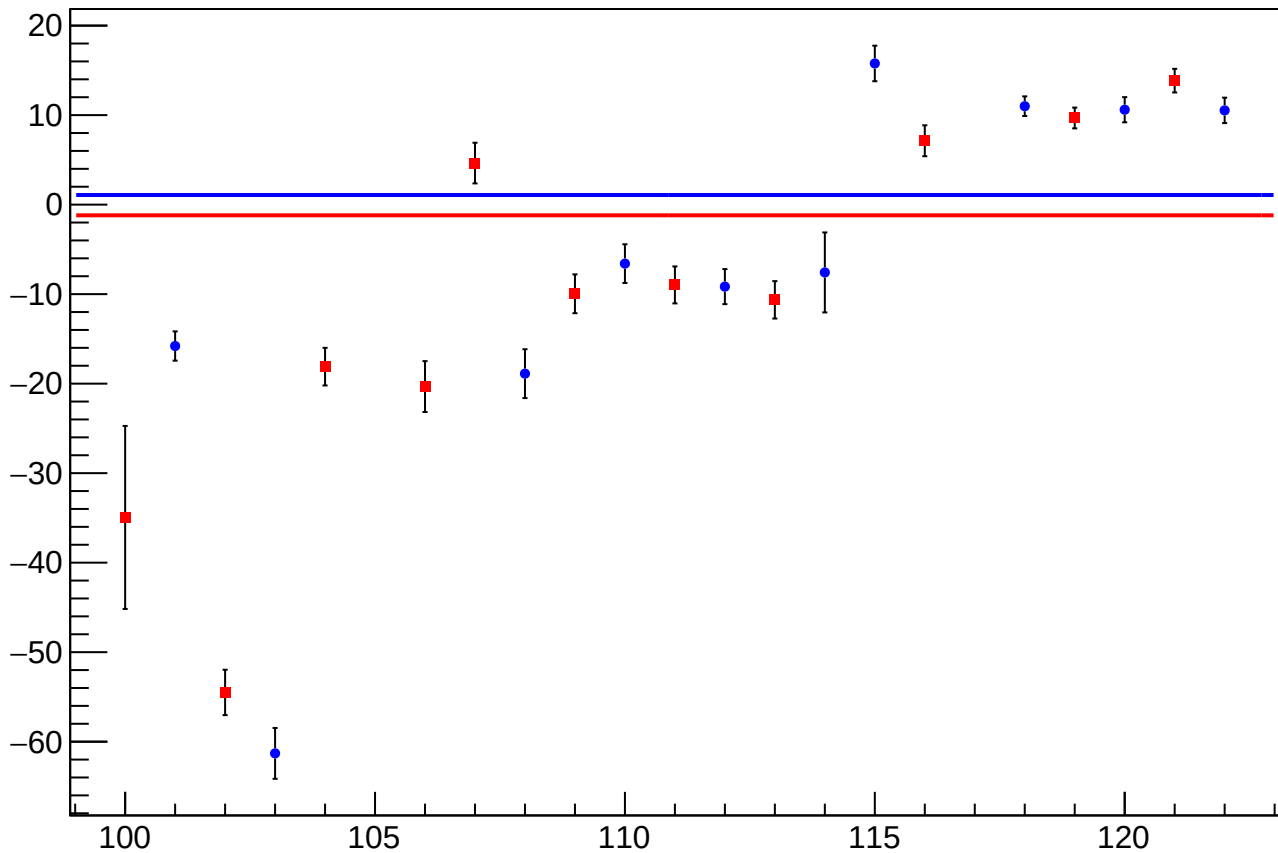
Right: -4.281+/-0.365 χ^2/NDF : 382.8/20

In: -5.115+/-0.542 χ^2/NDF : 91.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.281+/-0.365 χ^2/NDF : 382.8/20

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: -1.194+/-0.574 χ^2/NDF : 861.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

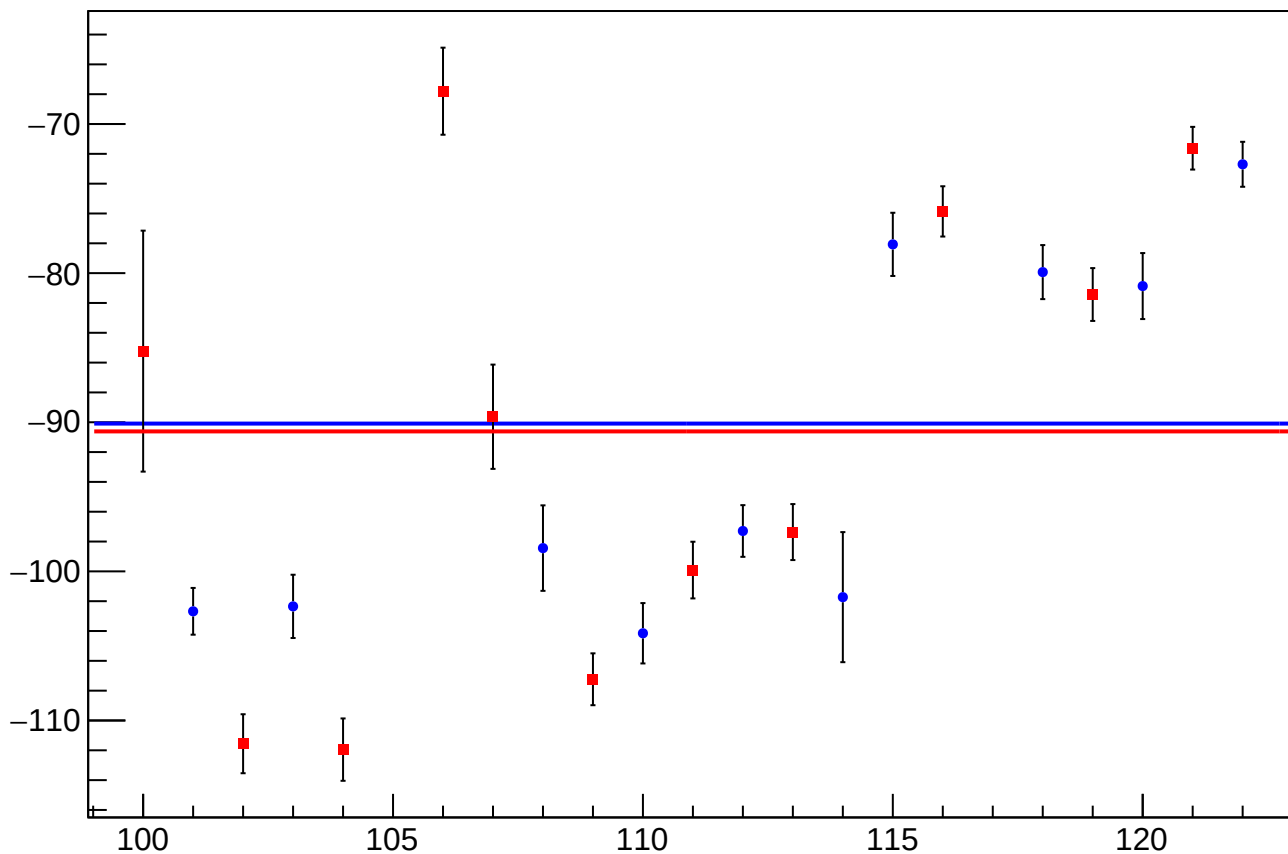
Right: -0.022+/-0.399 χ^2/NDF : 1781.7/20

In: 1.076+/-0.555 χ^2/NDF : 912.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.399 χ^2/NDF : 1781.7/20

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.089 $\pm$ 0.626 χ^2 /NDF: 393.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -90.614 $\pm$ 0.603 χ^2 /NDF: 685.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

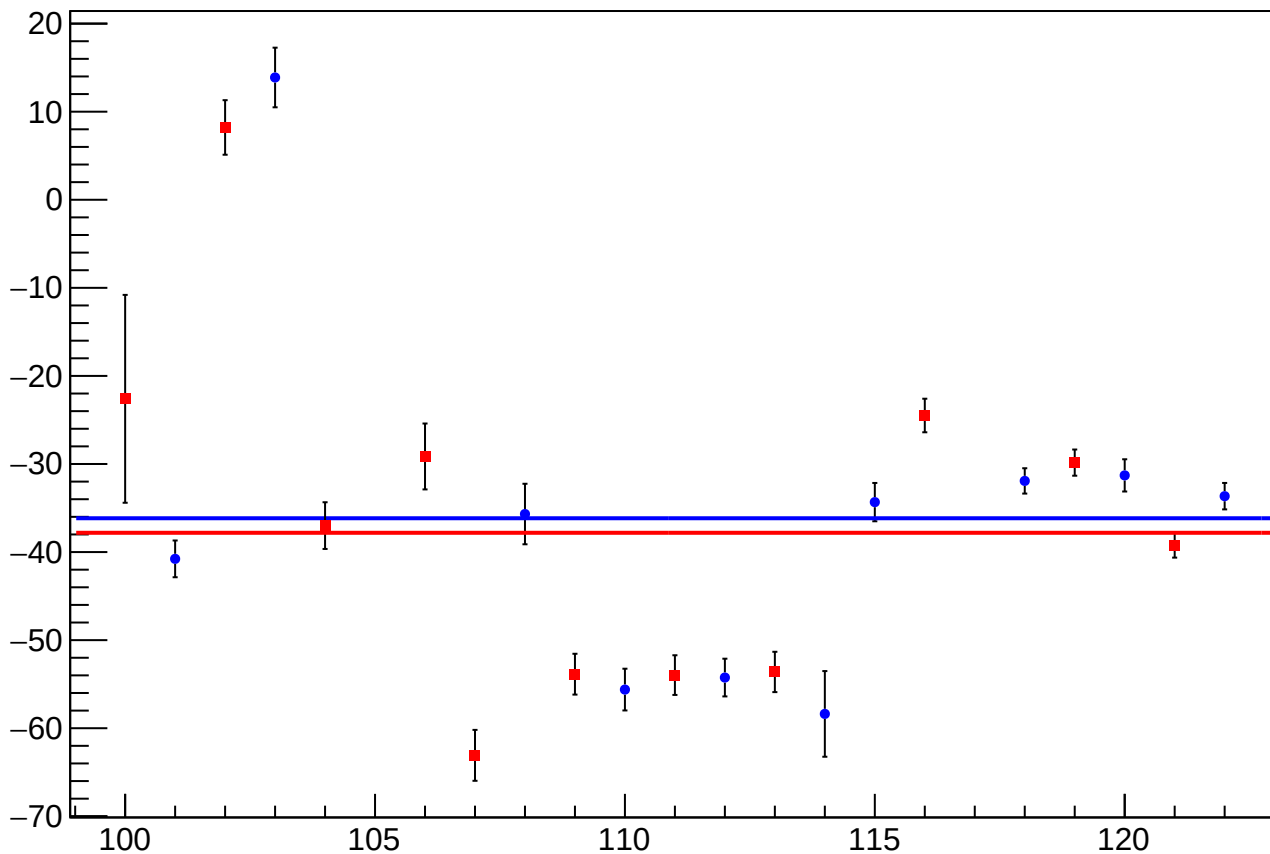
Right: -90.361 $\pm$ 0.434 χ^2 /NDF: 1078.9/20

In: -90.089 $\pm$ 0.626 χ^2 /NDF:393.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -90.361 $\pm$ 0.434 χ^2 /NDF: 1078.9/20

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: -37.812 $\pm$ 0.667 χ^2 /NDF: 530.1/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

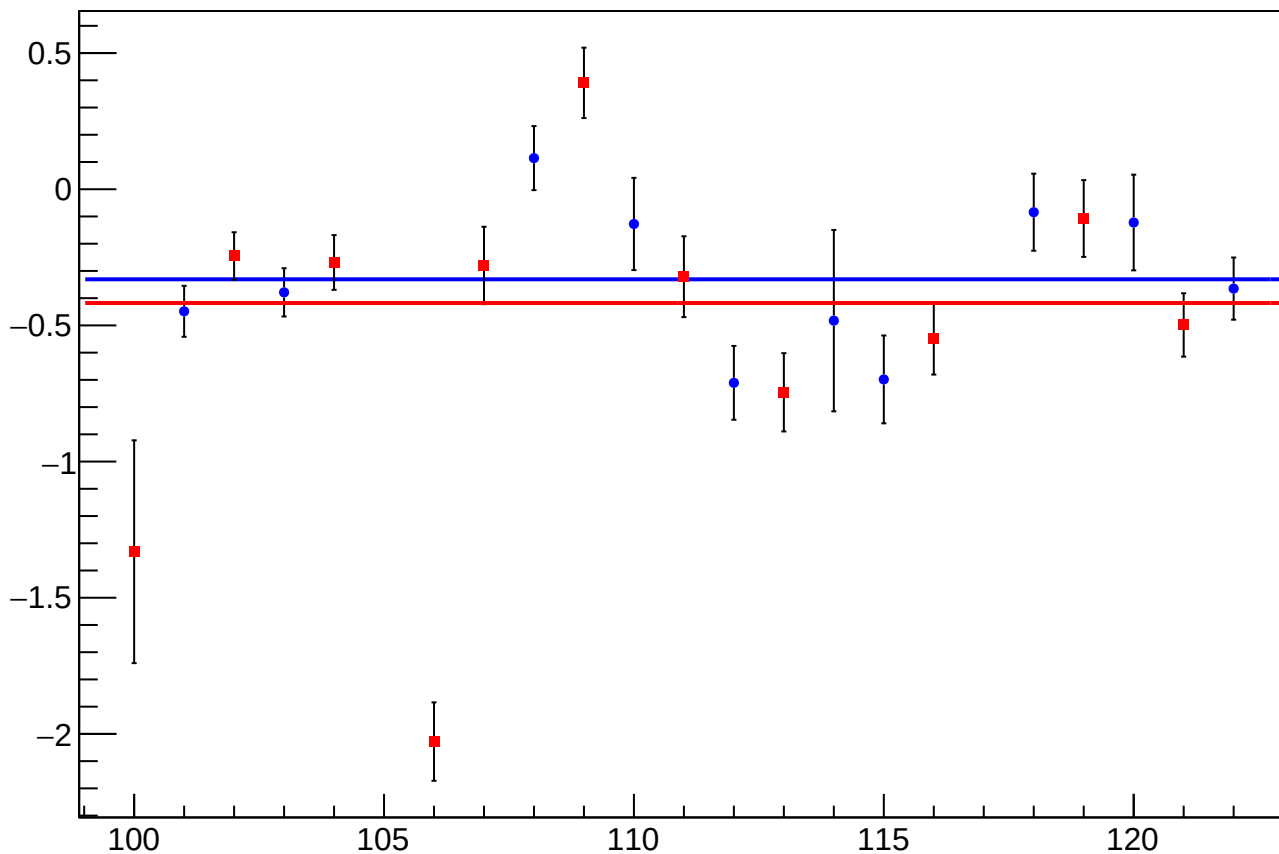
Right: -36.981 $\pm$ 0.470 χ^2 /NDF: 935.6/20

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: -36.981 $\pm$ 0.470 χ^2 /NDF: 935.6/20

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: -0.418 ± 0.039 χ^2/NDF : 188.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

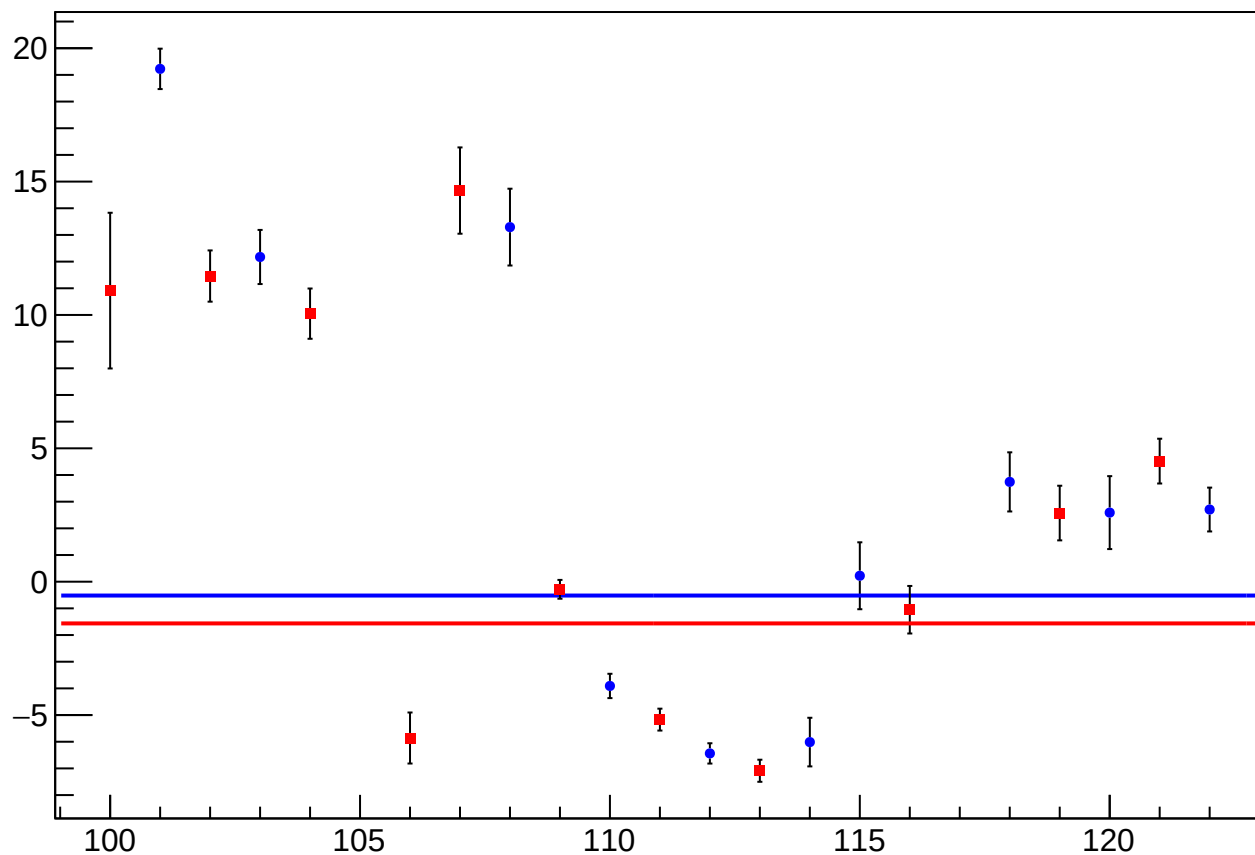
Right: -0.376 ± 0.028 χ^2/NDF : 226.1/20

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 : 226.1/20

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: -1.564+/-0.192 χ^2/NDF : 812.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

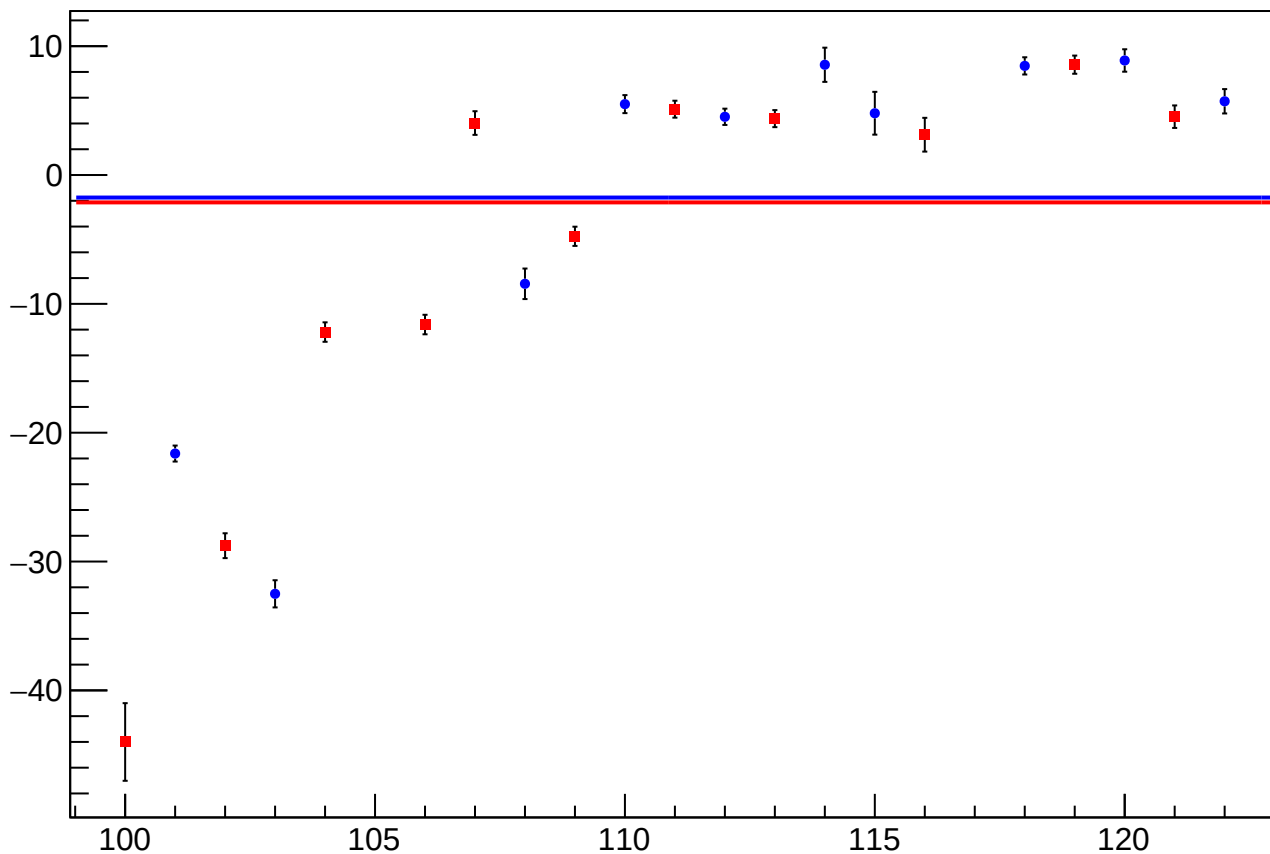
Right: -1.127+/-0.146 χ^2/NDF : 2122.3/20

In: -0.519+/-0.226 χ^2/NDF : 1297.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.127+/-0.146 χ^2/NDF : 2122.3/20

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: -2.125+/-0.249 χ^2/NDF : 1870.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

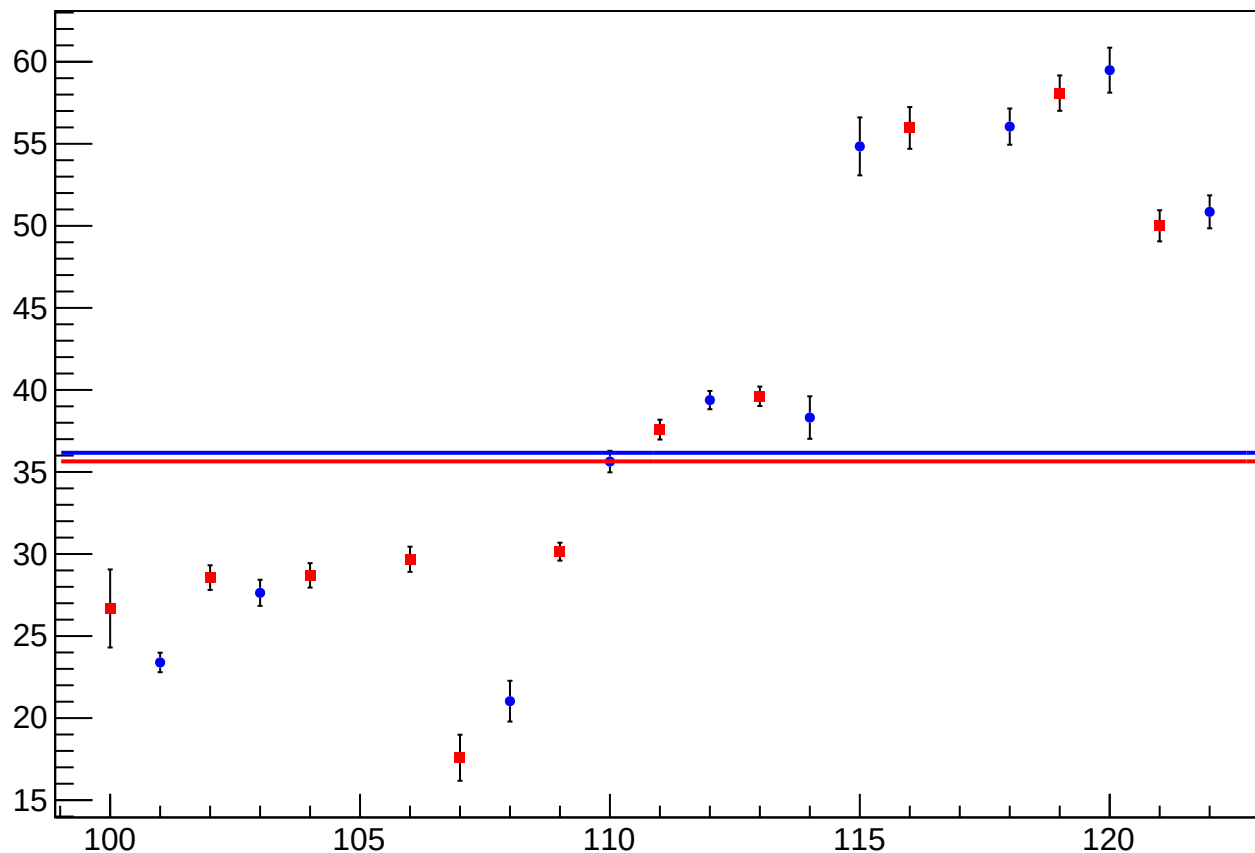
Right: -1.948+/-0.181 χ^2/NDF : 4505.9/20

In: -1.749+/-0.264 χ^2/NDF :2634.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.948+/-0.181 χ^2/NDF : 4505.9/20

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: 35.646+/-0.239 χ^2/NDF : 1489.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

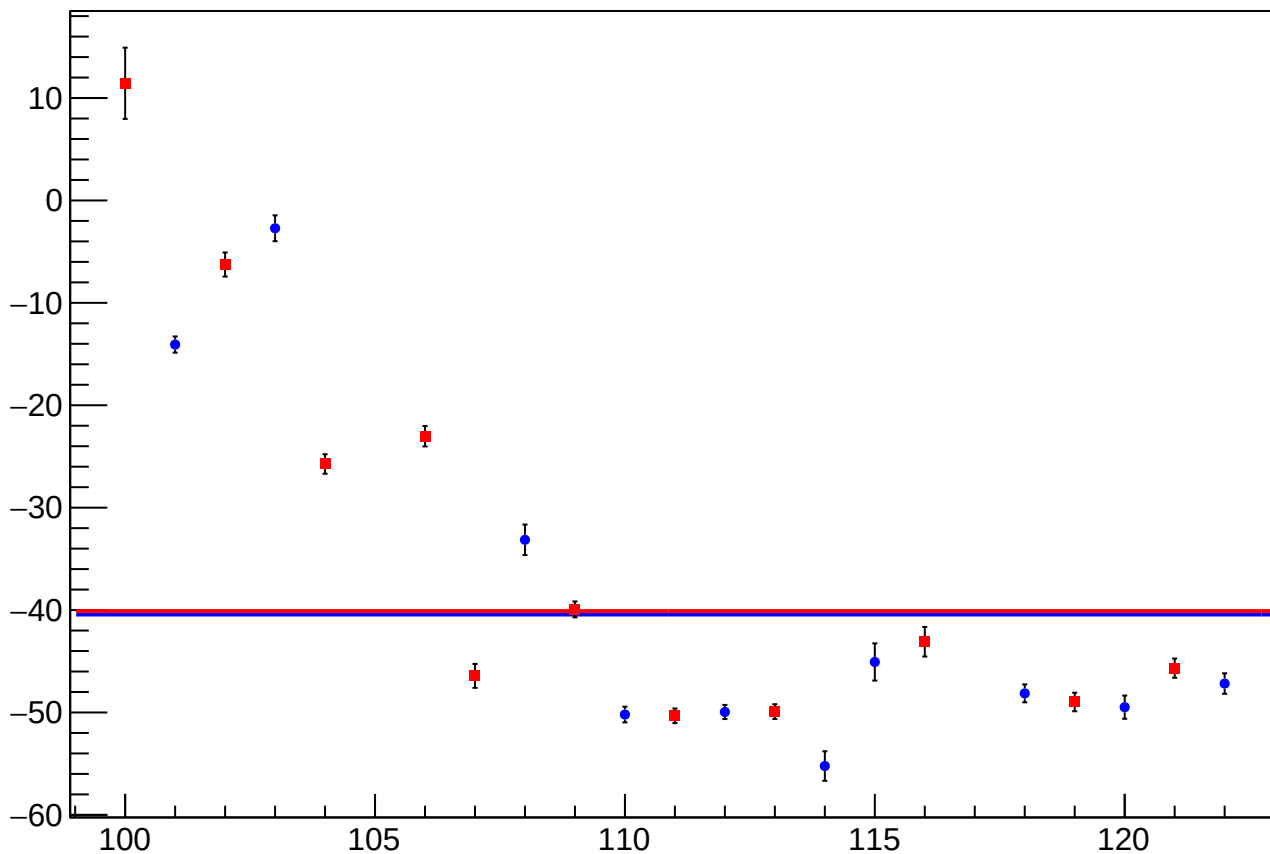
Right: 35.878+/-0.179 χ^2/NDF : 3195.8/20

In: 36.170+/-0.268 χ^2/NDF : 1703.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.878+/-0.179 χ^2/NDF : 3195.8/20

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: -40.101+/-0.289 χ^2/NDF : 2120.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

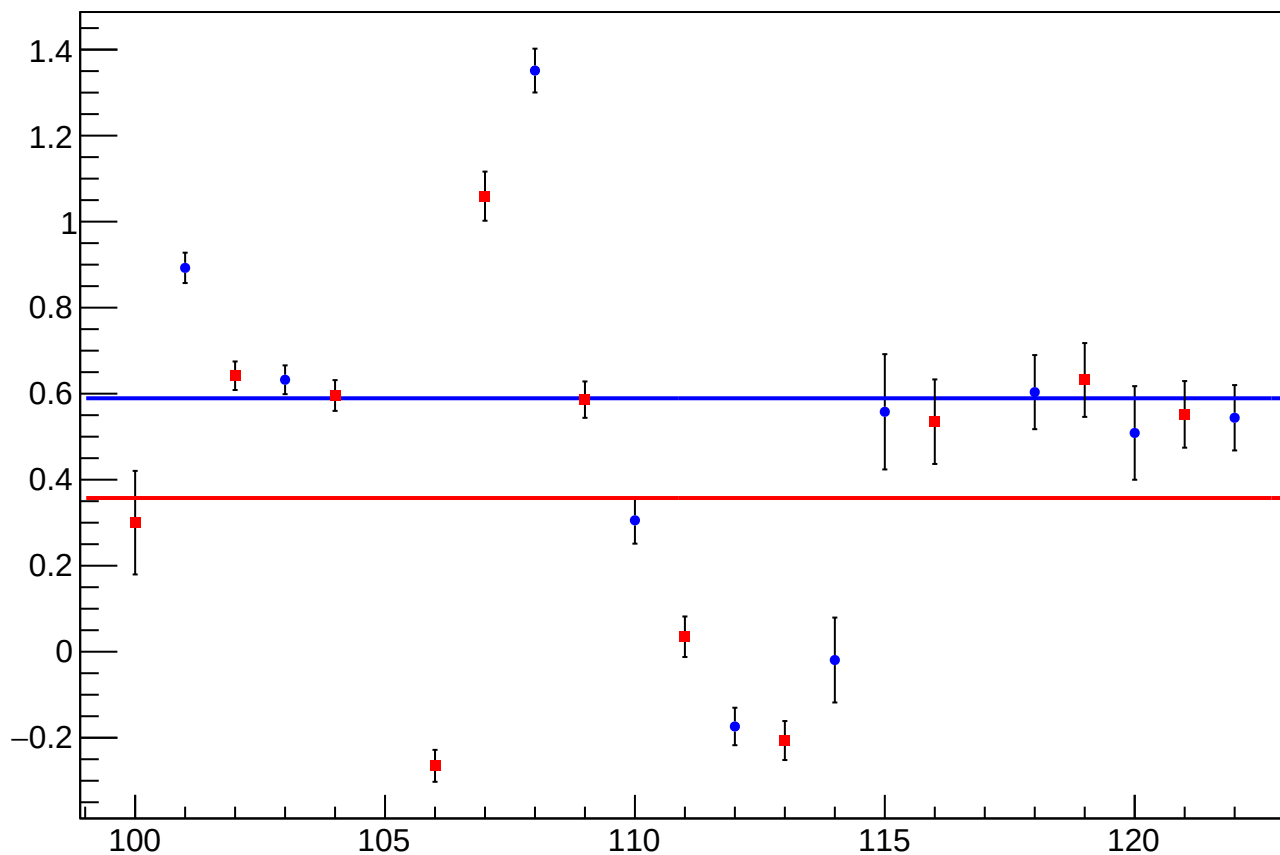
Right: -40.255+/-0.211 χ^2/NDF : 4799.2/20

In: -40.433+/-0.311 χ^2/NDF : 2677.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.255+/-0.211 χ^2/NDF : 4799.2/20

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: 0.357+/-0.015 χ^2/NDF : 801.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

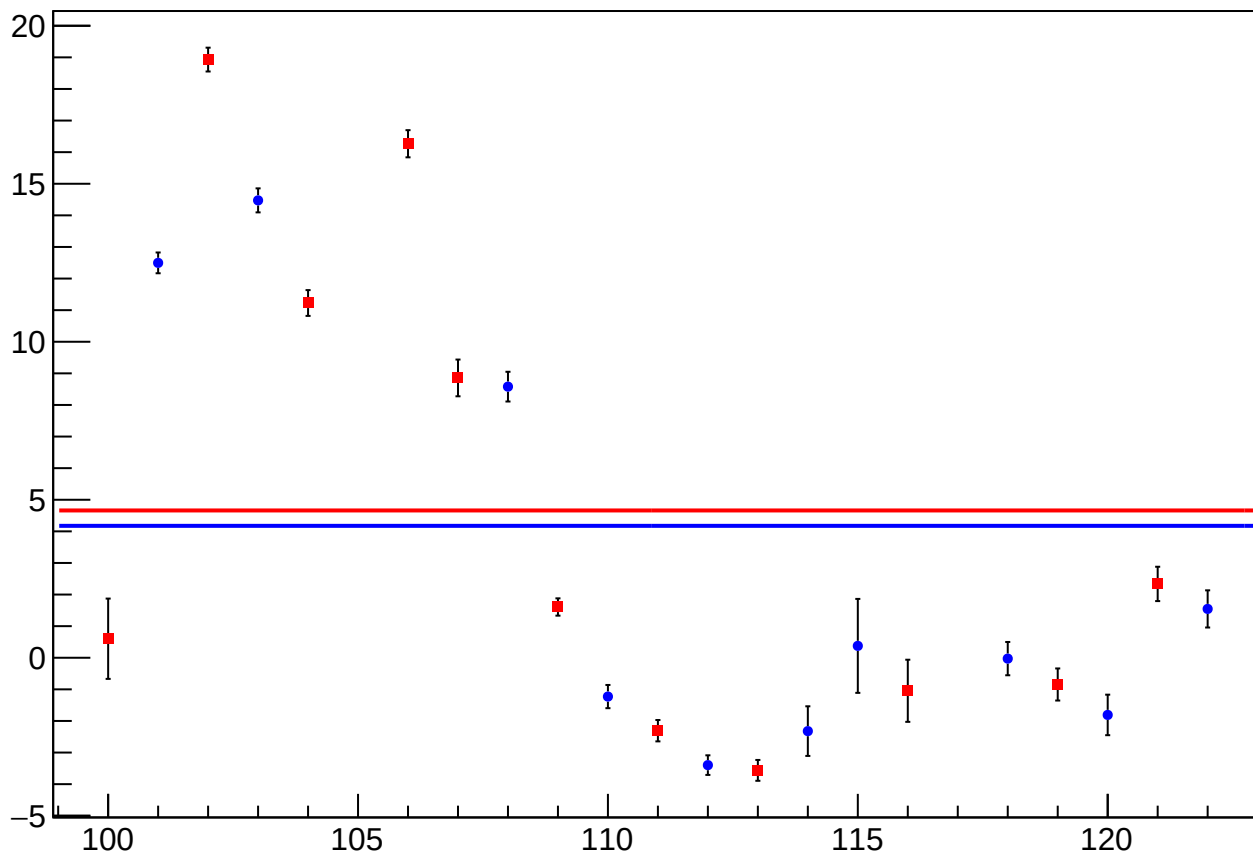
Right: 0.456+/-0.011 χ^2/NDF : 1581.0/20

In: 0.589+/-0.017 χ^2/NDF : 672.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.456+/-0.011 χ^2/NDF : 1581.0/20

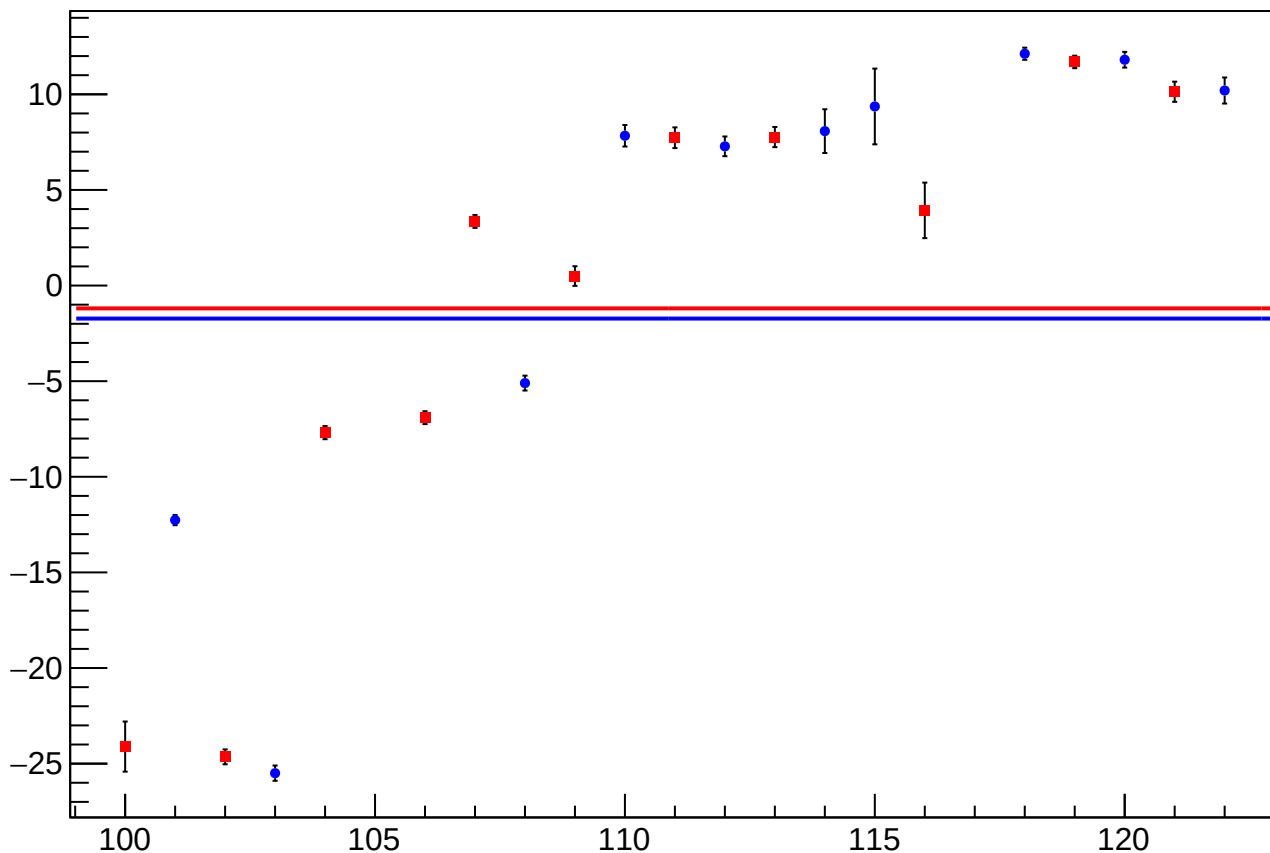
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 4.661+/-0.127 χ^2/NDF : 3822.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 4.445+/-0.095 χ^2/NDF : 6350.8/20
 In: 4.175+/-0.142 χ^2/NDF : 2521.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.445+/-0.095 χ^2/NDF : 6350.8/20

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: -1.195+/-0.132 χ^2/NDF : 7353.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

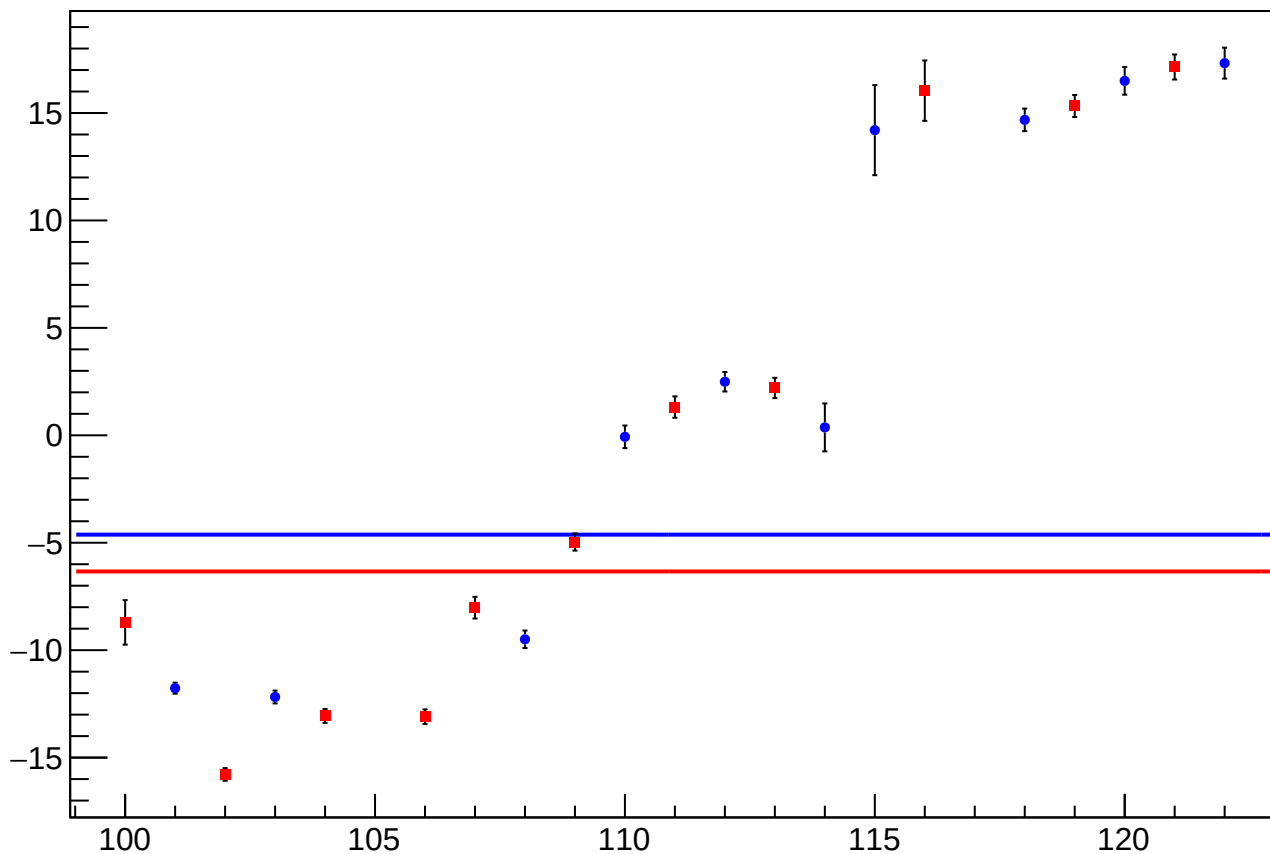
Right: -1.449+/-0.095 χ^2/NDF : 16505.3/20

In: -1.726+/-0.138 χ^2/NDF :9144.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.449+/-0.095 χ^2/NDF : 16505.3/20

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: -6.336+/-0.133 χ^2/NDF : 6114.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

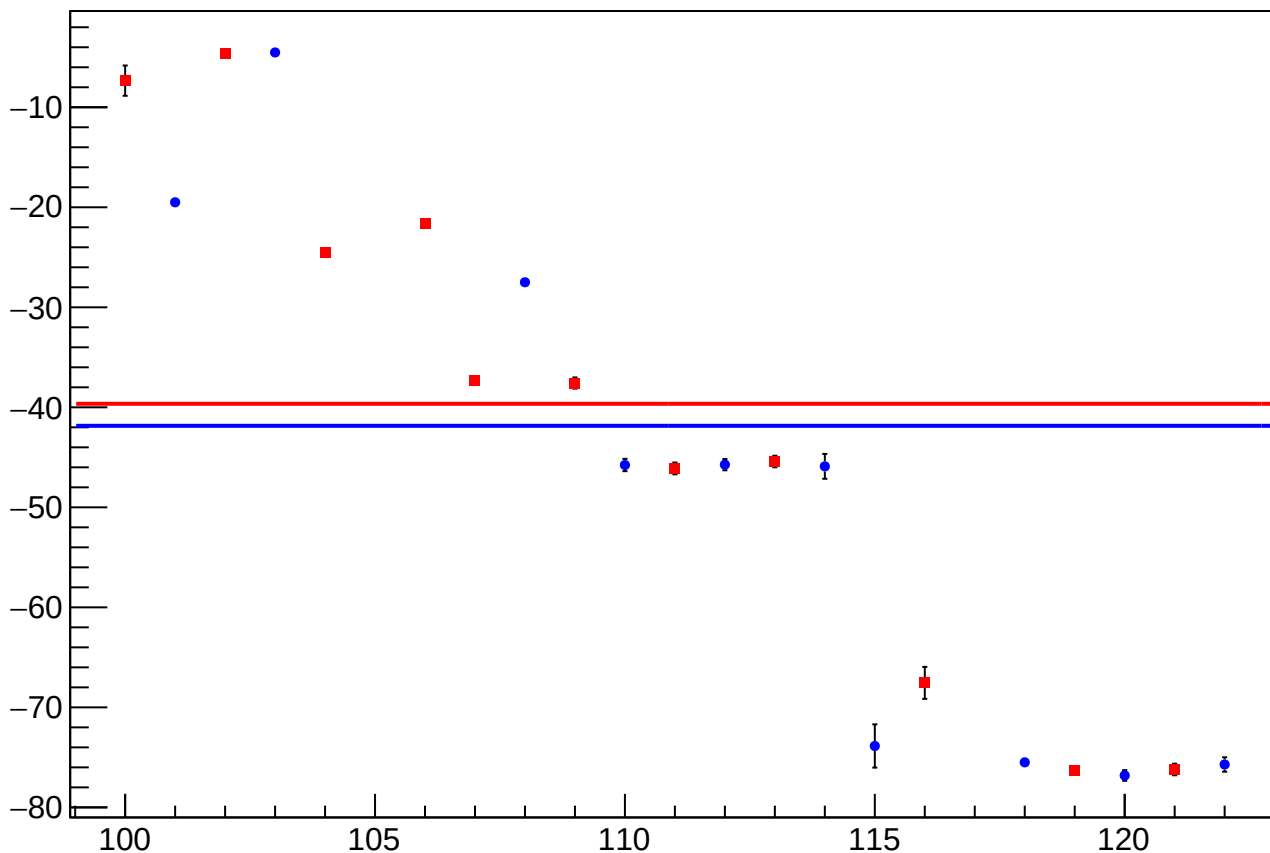
Right: -5.534+/-0.097 χ^2/NDF : 11535.8/20

In: -4.623+/-0.142 χ^2/NDF :5343.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.534+/-0.097 χ^2/NDF : 11535.8/20

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -41.848 ± 0.169 χ^2/NDF : 24668.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.646 ± 0.160 χ^2/NDF : 21052.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

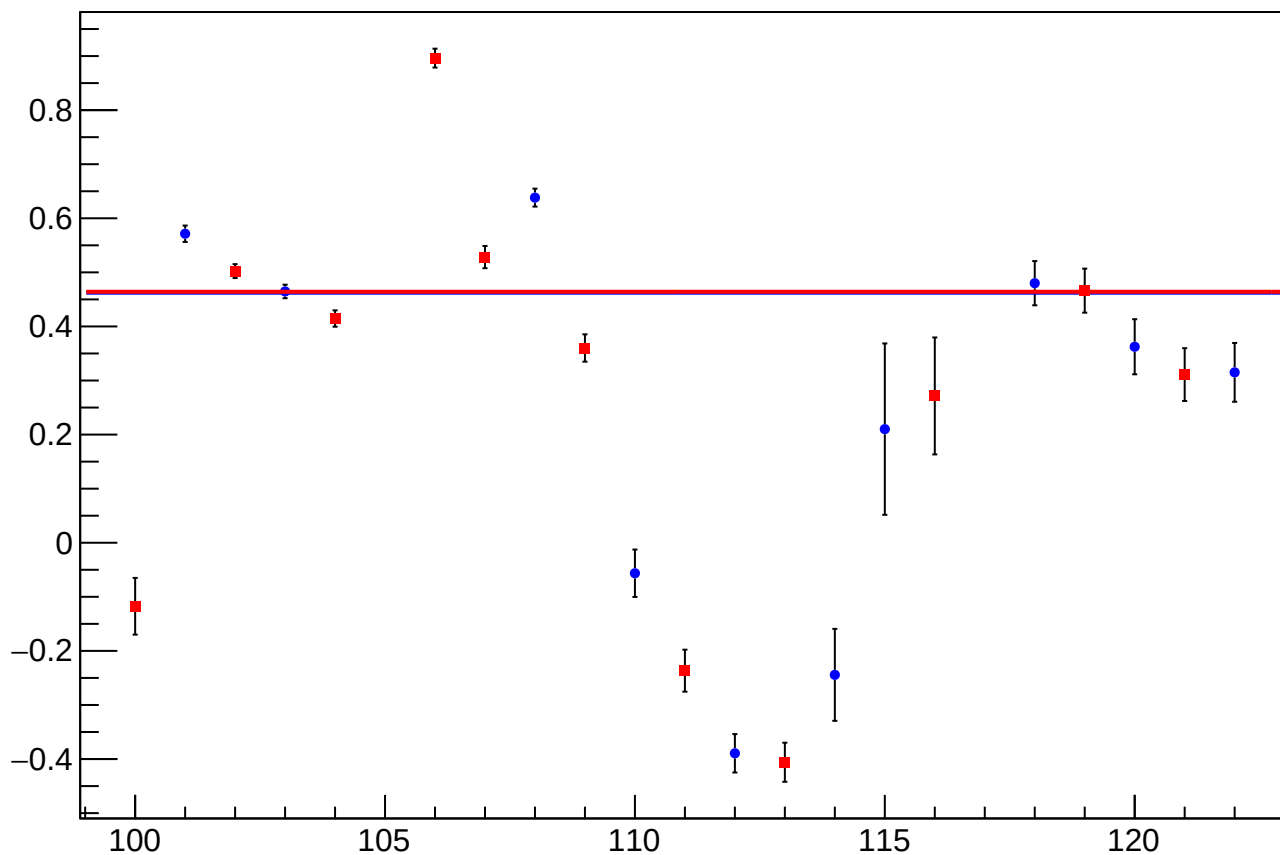
Right: -40.689 ± 0.116 χ^2/NDF : 45809.9/20

In: -41.848 ± 0.169 χ^2/NDF : 24668.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.689 ± 0.116 χ^2/NDF : 45809.9/20

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: 0.464 $\pm$ 0.007 χ^2 /NDF: 1699.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

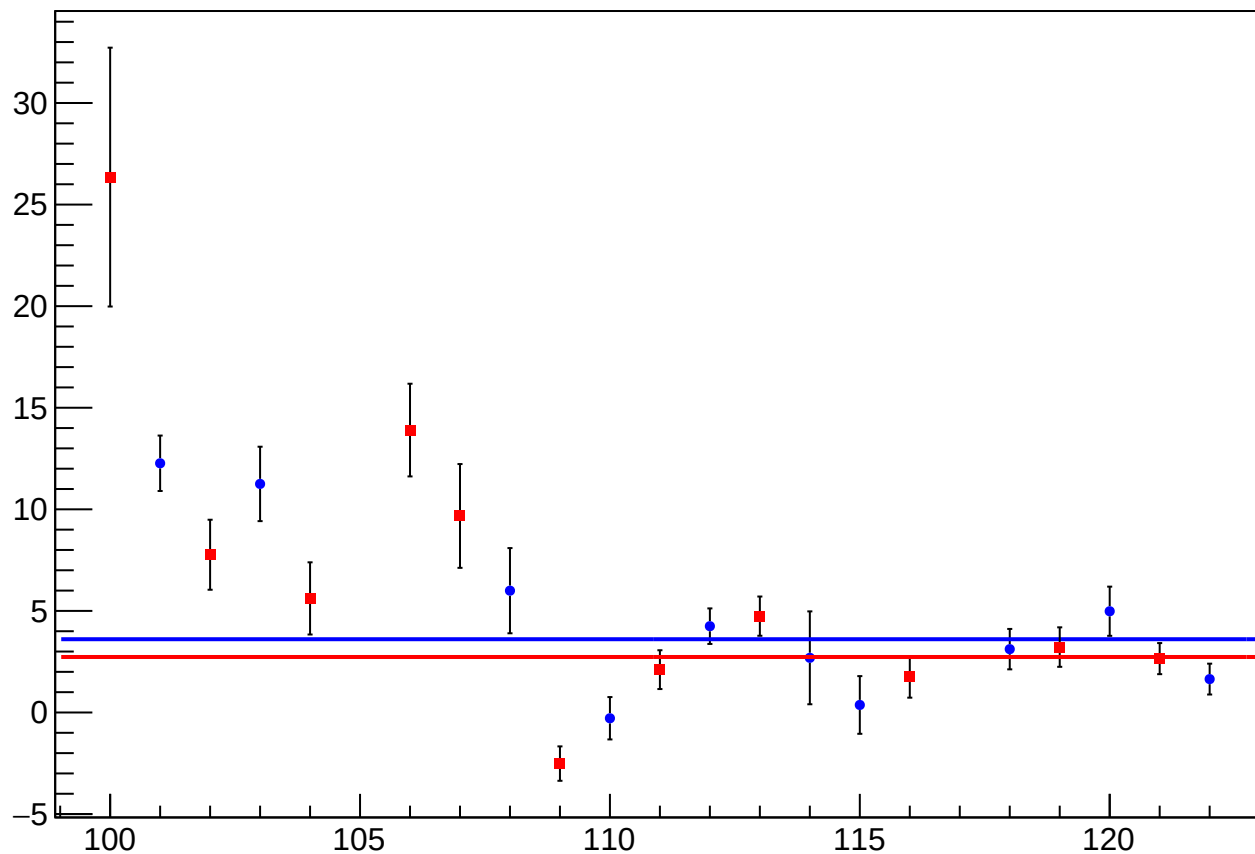
Right: 0.463 $\pm$ 0.005 χ^2 /NDF: 2662.0/20

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: 0.463 $\pm$ 0.005 χ^2 /NDF: 2662.0/20

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: 2.732+/-0.347 χ^2/NDF : 100.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

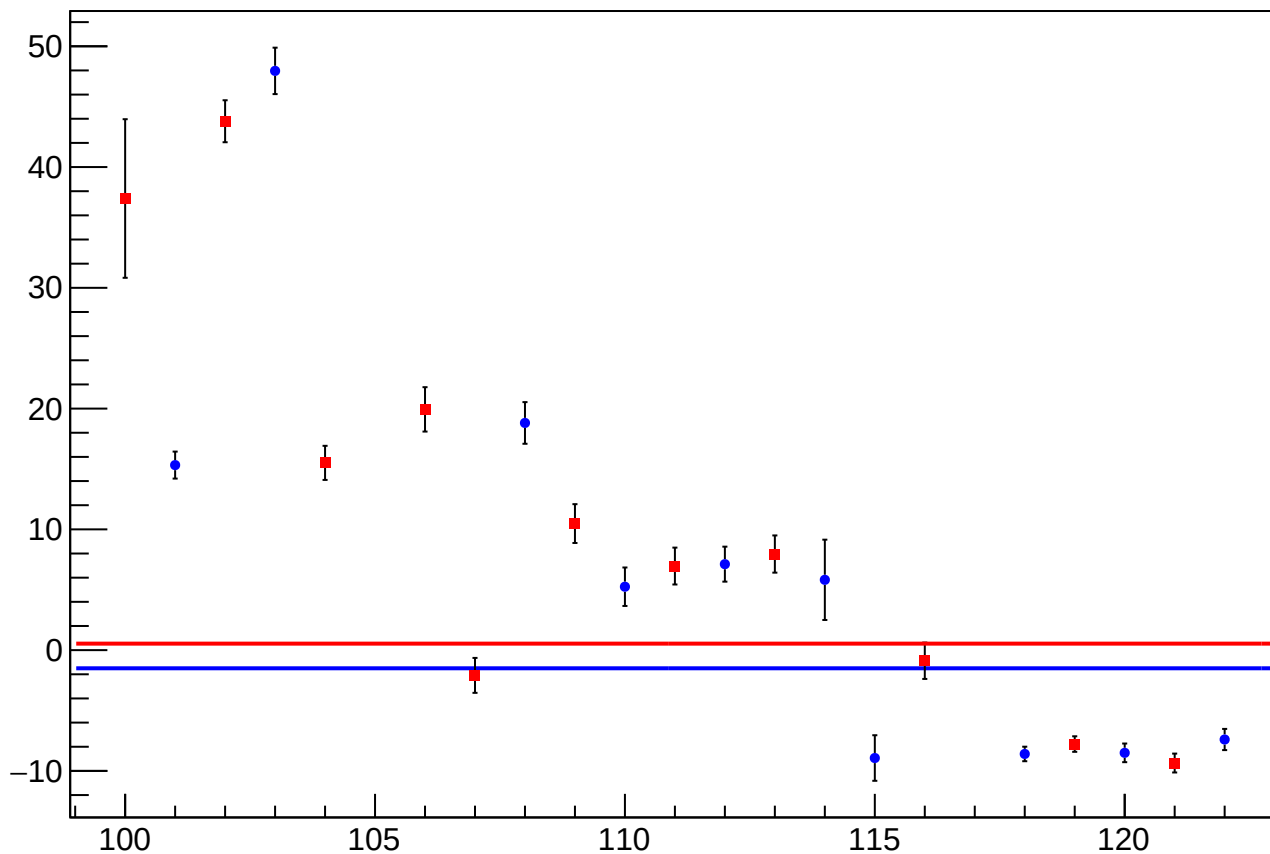
Right: 3.144+/-0.252 χ^2/NDF : 190.7/20

In: 3.606+/-0.367 χ^2/NDF : 87.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.144+/-0.252 χ^2/NDF : 190.7/20

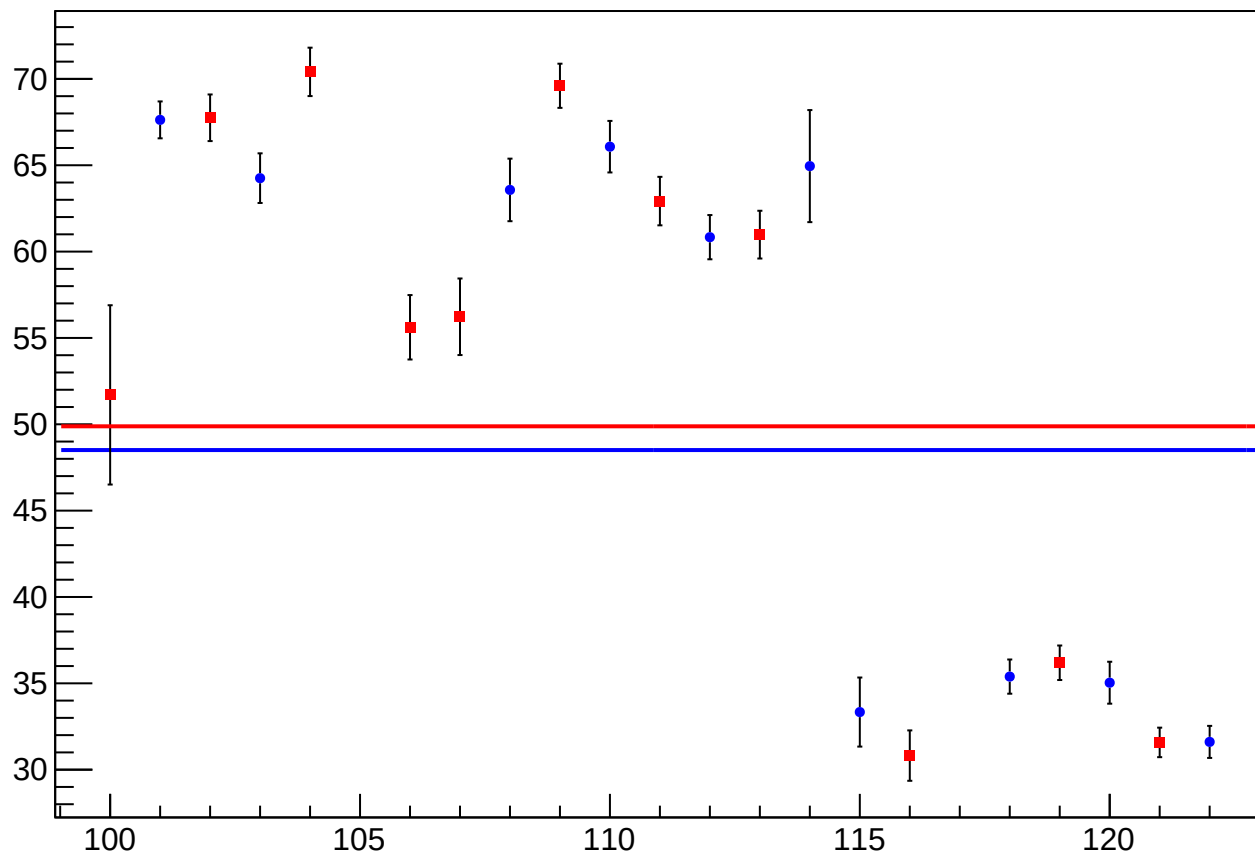
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.503+/-0.345 χ^2 /NDF: 1368.3/9
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.539+/-0.369 χ^2 /NDF: 1285.1/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.549+/-0.252 χ^2 /NDF: 2669.7/20
 In: -1.503+/-0.345 χ^2 /NDF:1368.3/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.549+/-0.252 χ^2 /NDF: 2669.7/20

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: 49.883 $\pm$ 0.406 χ^2 /NDF: 1613.5/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

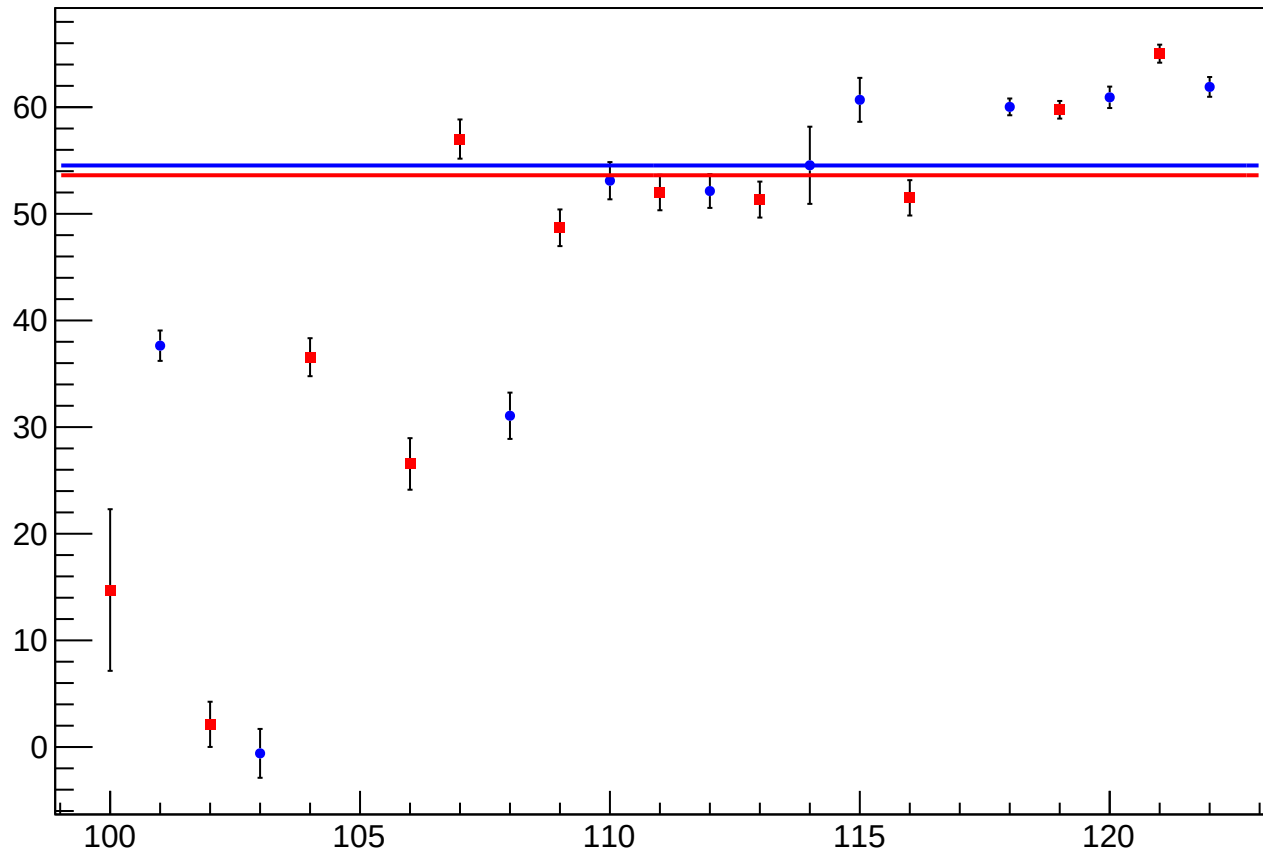
Right: 49.203 $\pm$ 0.289 χ^2 /NDF: 3073.5/20

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: 49.203 $\pm$ 0.289 χ^2 /NDF: 3073.5/20

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.534+/-0.419 χ^2/NDF : 1000.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.616+/-0.434 χ^2/NDF : 1086.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

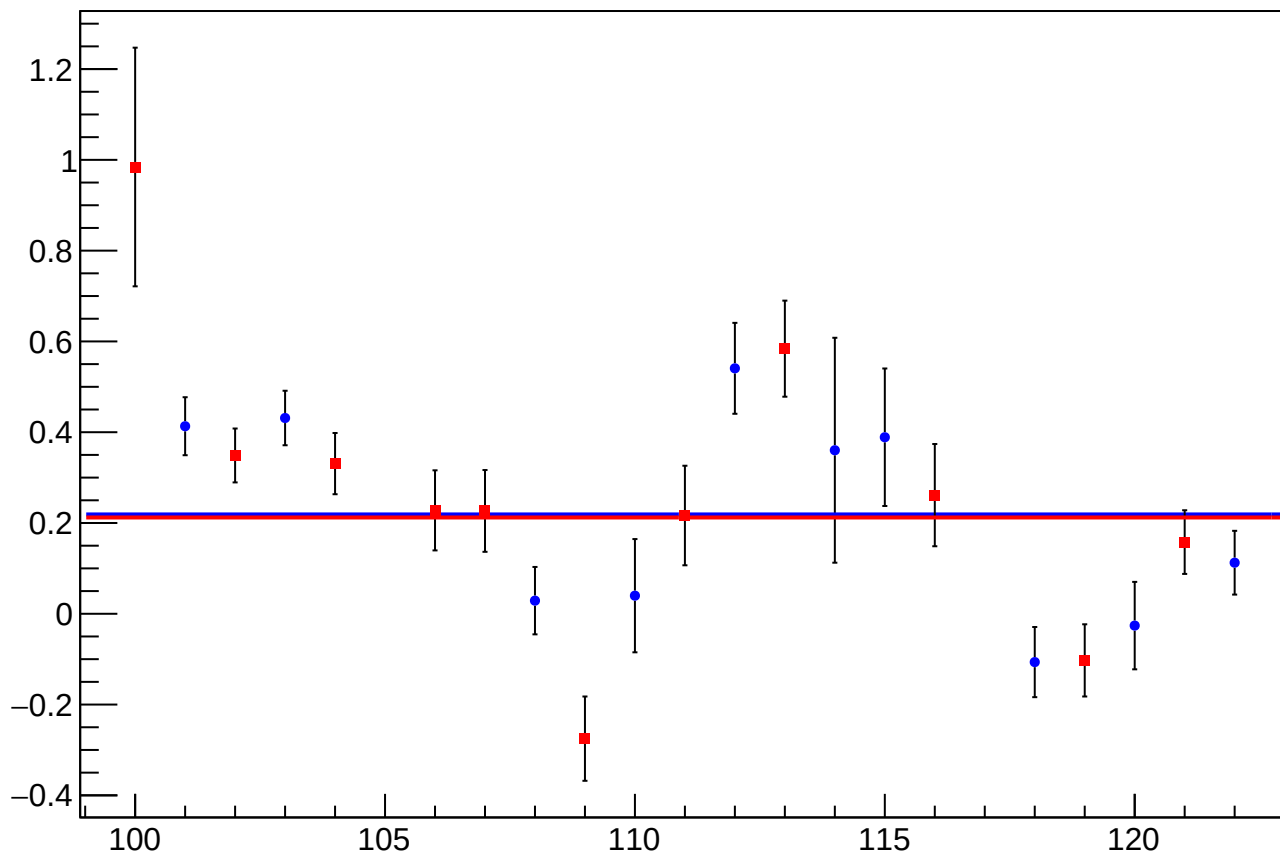
Right: 54.092+/-0.301 χ^2/NDF : 2089.8/20

In: 54.534+/-0.419 χ^2/NDF : 1000.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.092+/-0.301 χ^2/NDF : 2089.8/20

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: 0.212+/-0.026 χ^2/NDF : 73.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

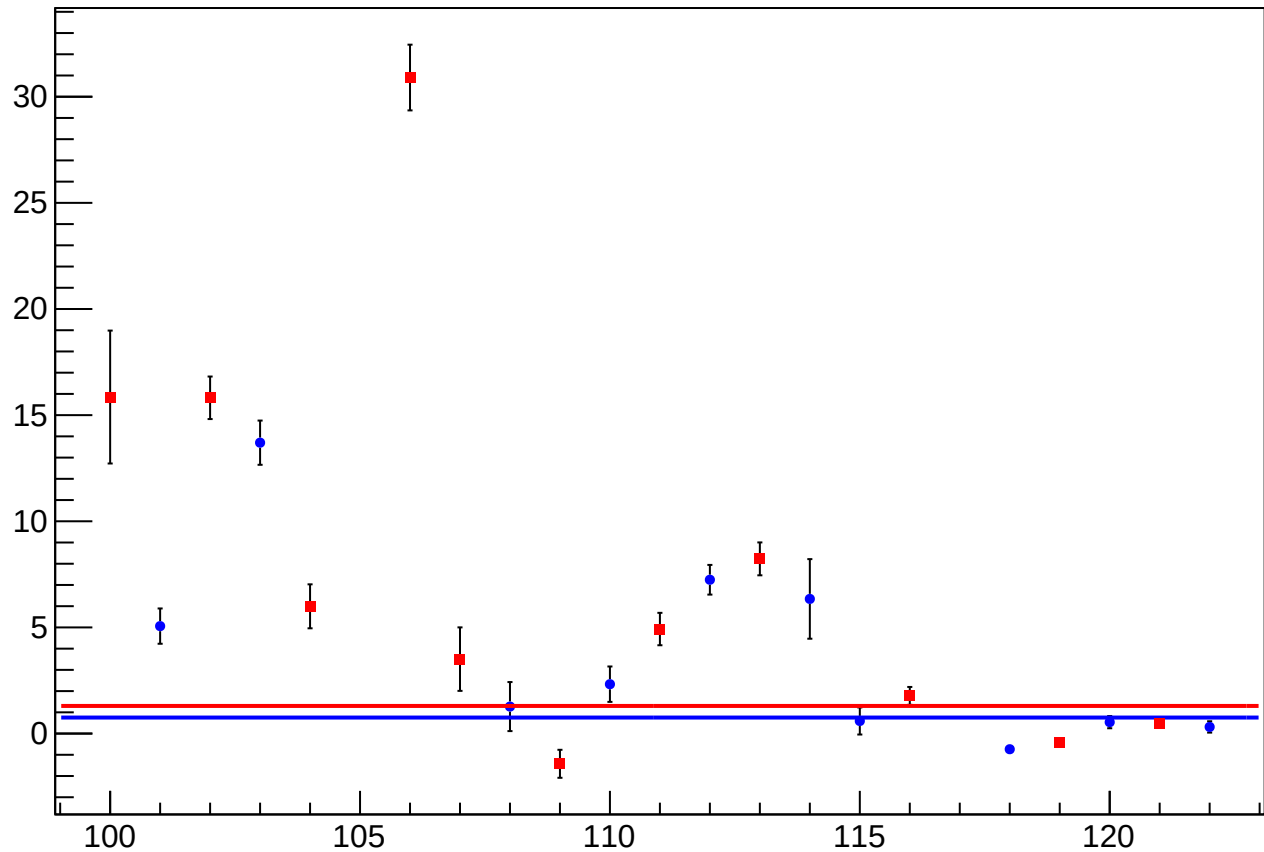
Right: 0.215+/-0.019 χ^2/NDF : 142.2/20

In: 0.219+/-0.027 χ^2/NDF : 68.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.215+/-0.019 χ^2/NDF : 142.2/20

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: 1.301+/-0.140 χ^2/NDF : 809.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

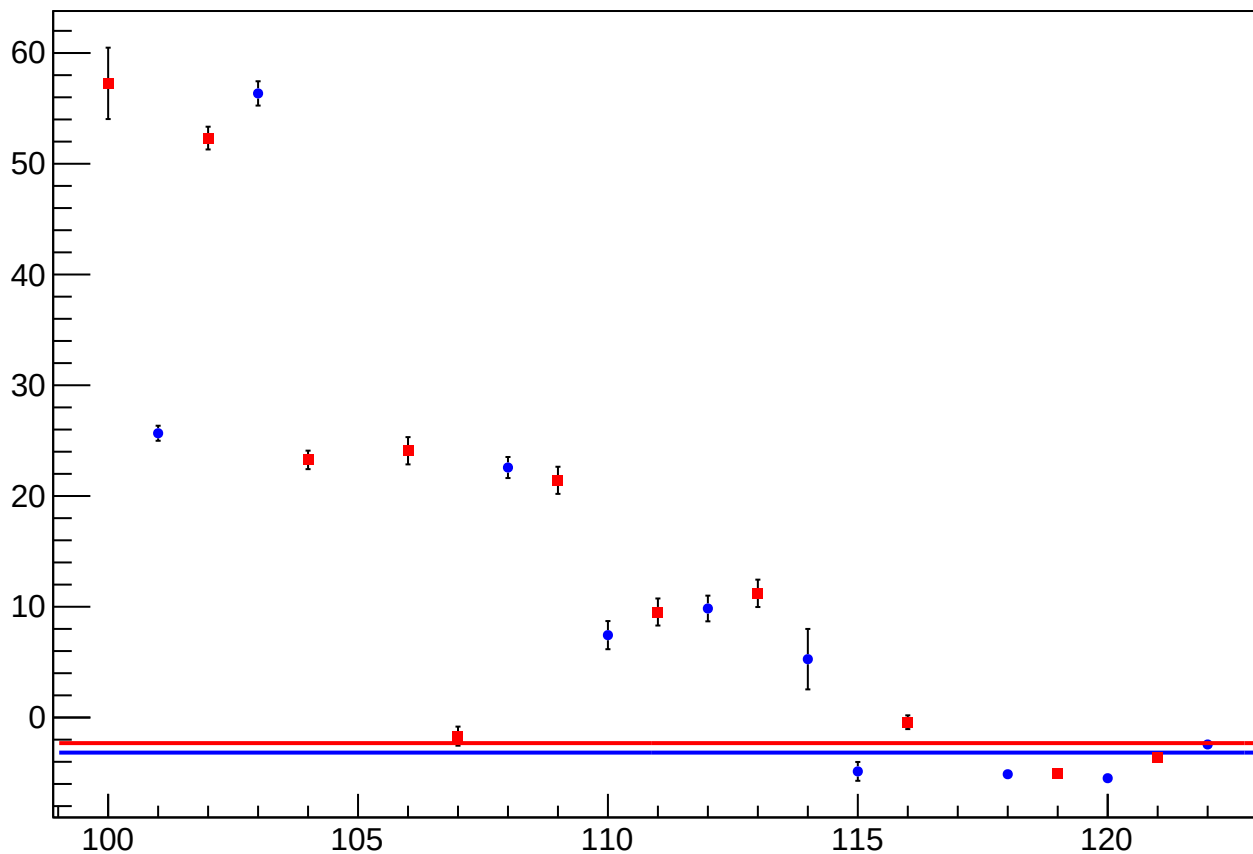
Right: 1.022+/-0.098 χ^2/NDF : 1140.2/20

In: 0.754+/-0.137 χ^2/NDF : 323.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.022+/-0.098 χ^2/NDF : 1140.2/20

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: -2.312+/-0.116 χ^2/NDF : 5537.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

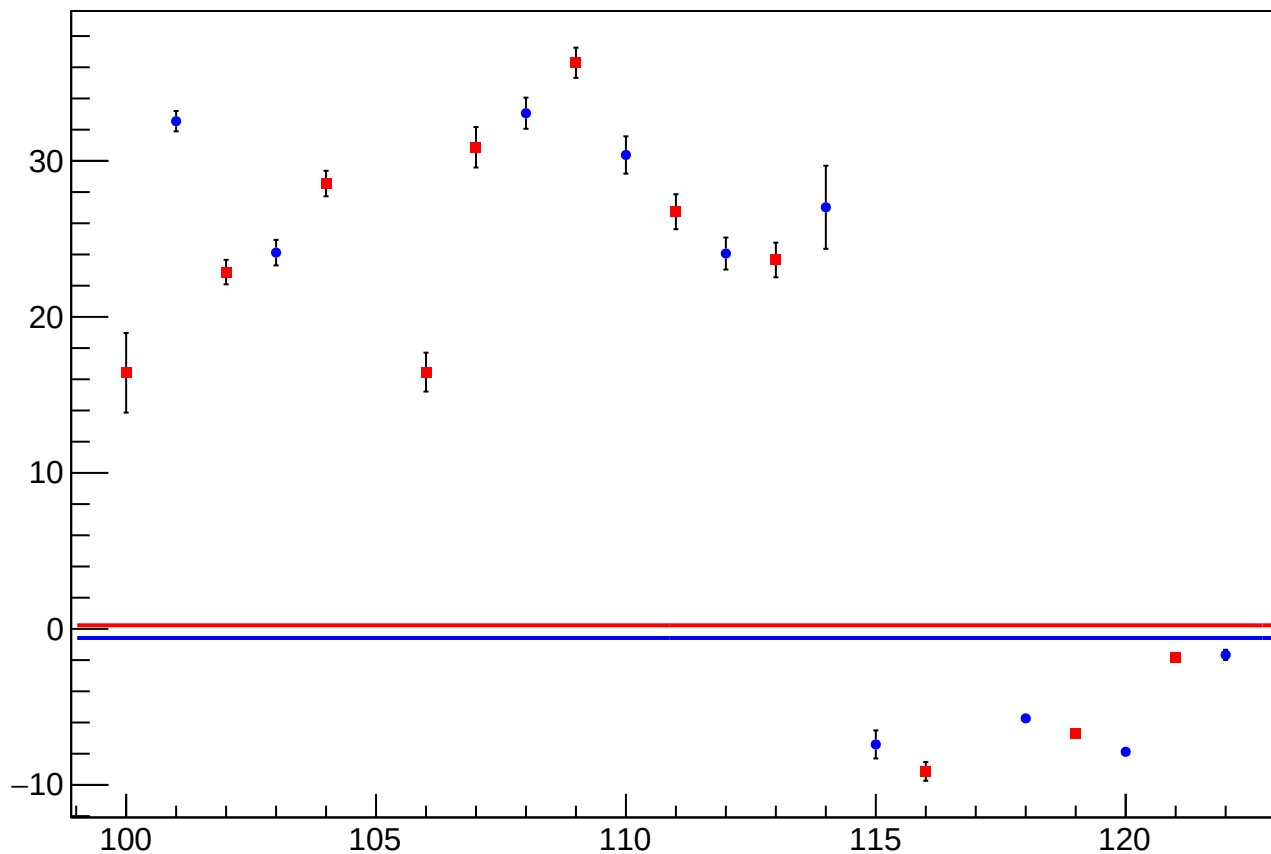
Right: -2.794+/-0.077 χ^2/NDF : 11599.3/20

In: -3.169+/-0.102 χ^2/NDF :6031.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.794+/-0.077 χ^2/NDF : 11599.3/20

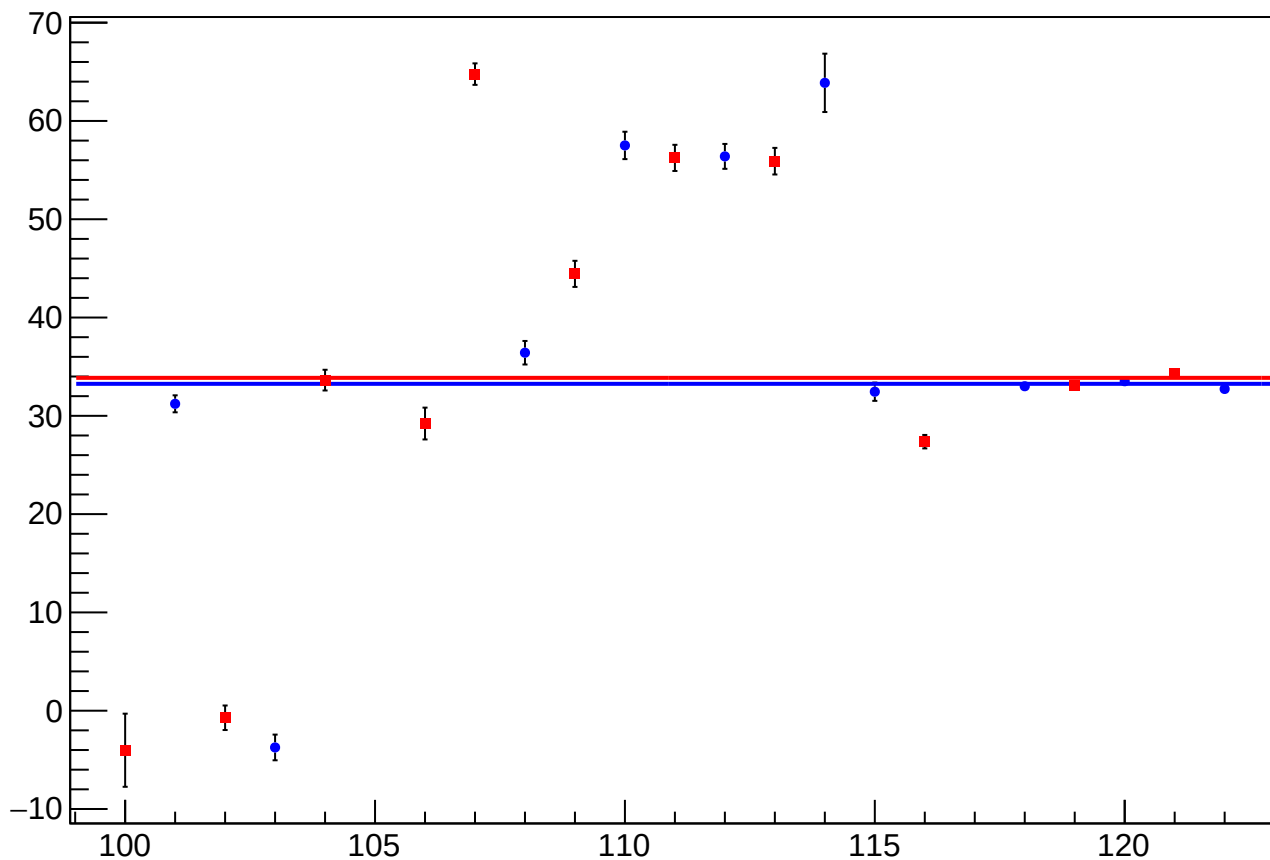
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 0.231 ± 0.150 χ^2/NDF : 6407.7/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.188 ± 0.104 χ^2/NDF : 13606.1/20
 In: -0.583 ± 0.146 χ^2/NDF : 7183.2/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.188 ± 0.104 χ^2/NDF : 13606.1/20

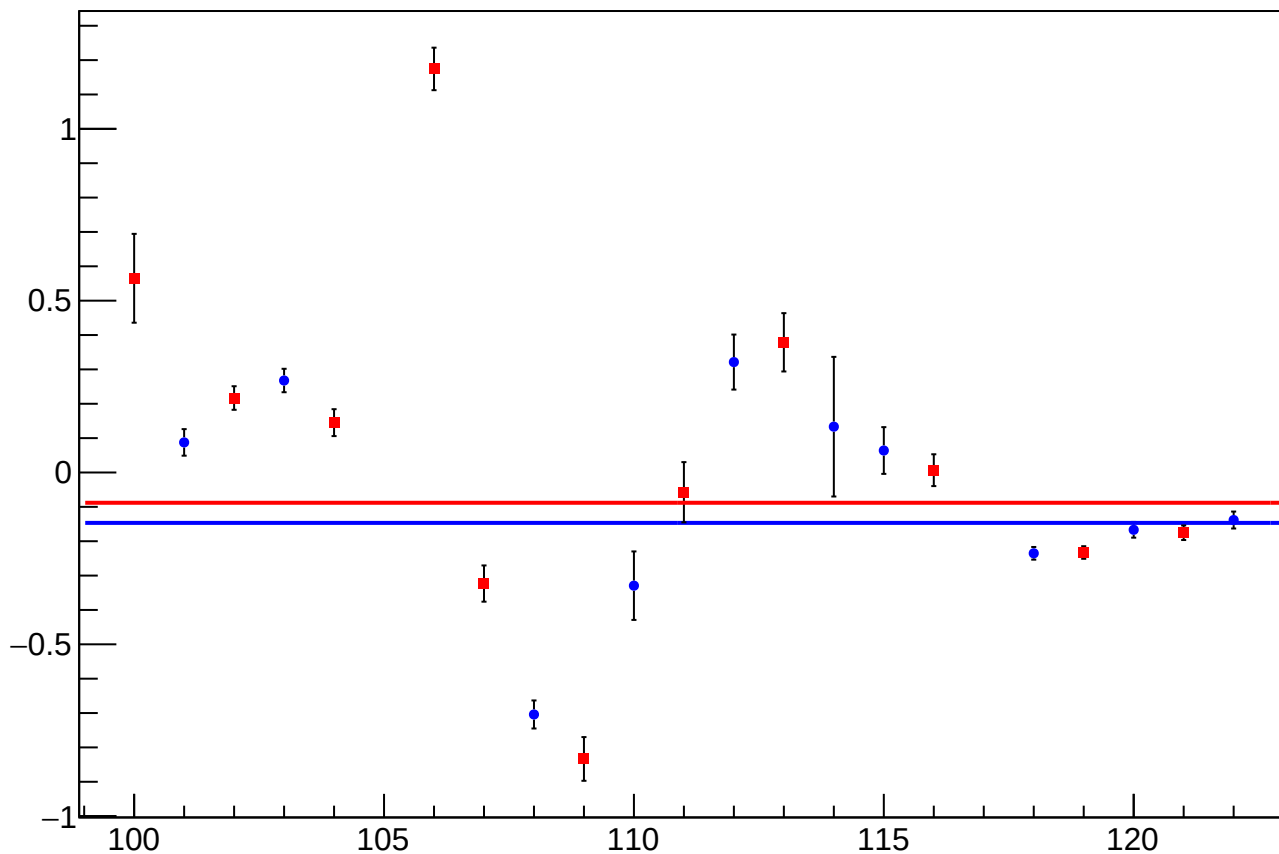
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 33.864+/-0.141 χ^2/NDF : 2403.2/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 33.532+/-0.095 χ^2/NDF : 3976.5/20
 In: 33.255+/-0.129 χ^2/NDF : 1563.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 33.532+/-0.095 χ^2/NDF : 3976.5/20

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: -0.088 ± 0.011 χ^2/NDF : 827.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

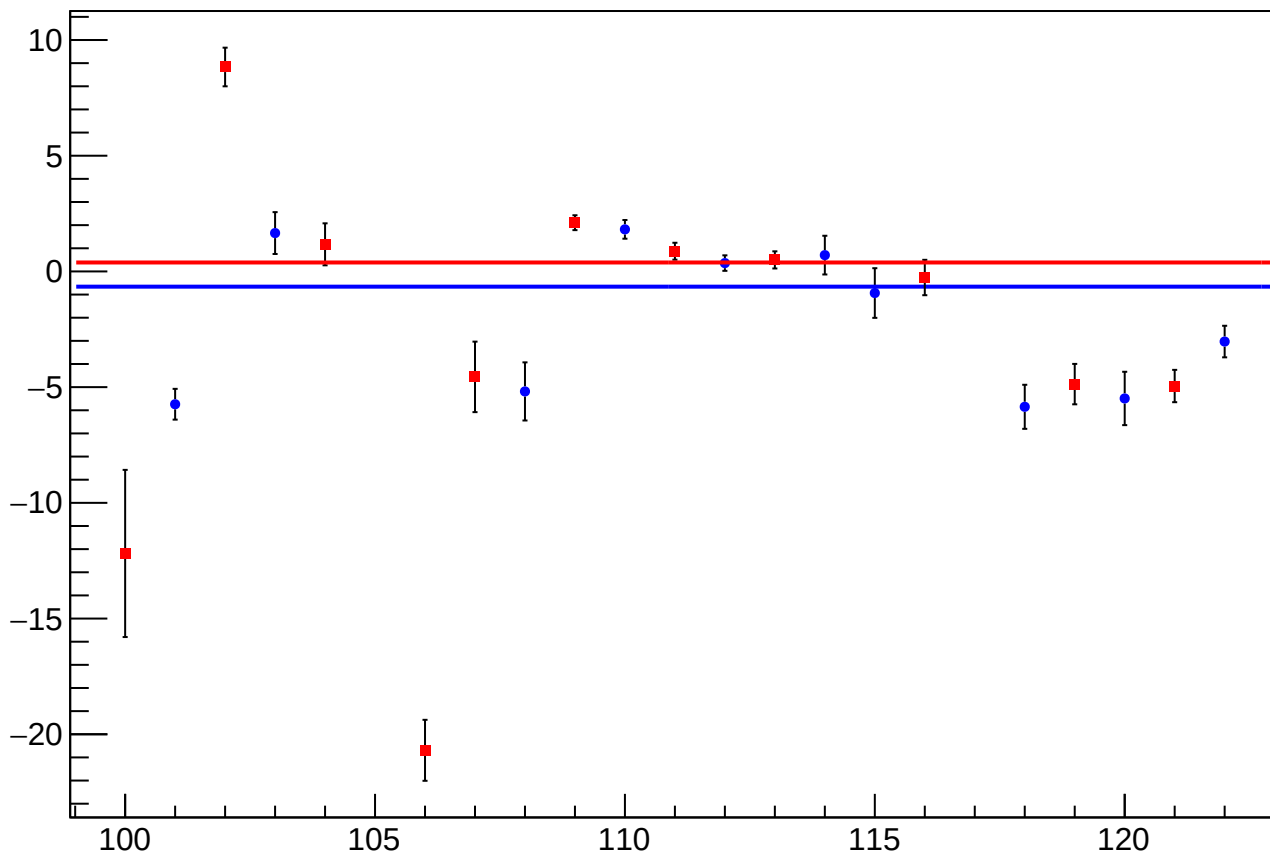
Right: -0.119 ± 0.008 χ^2/NDF : 1286.6/20

In: -0.147 ± 0.010 χ^2/NDF : 444.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.119 ± 0.008 χ^2/NDF : 1286.6/20

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: 0.387+/-0.173 χ^2/NDF : 507.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

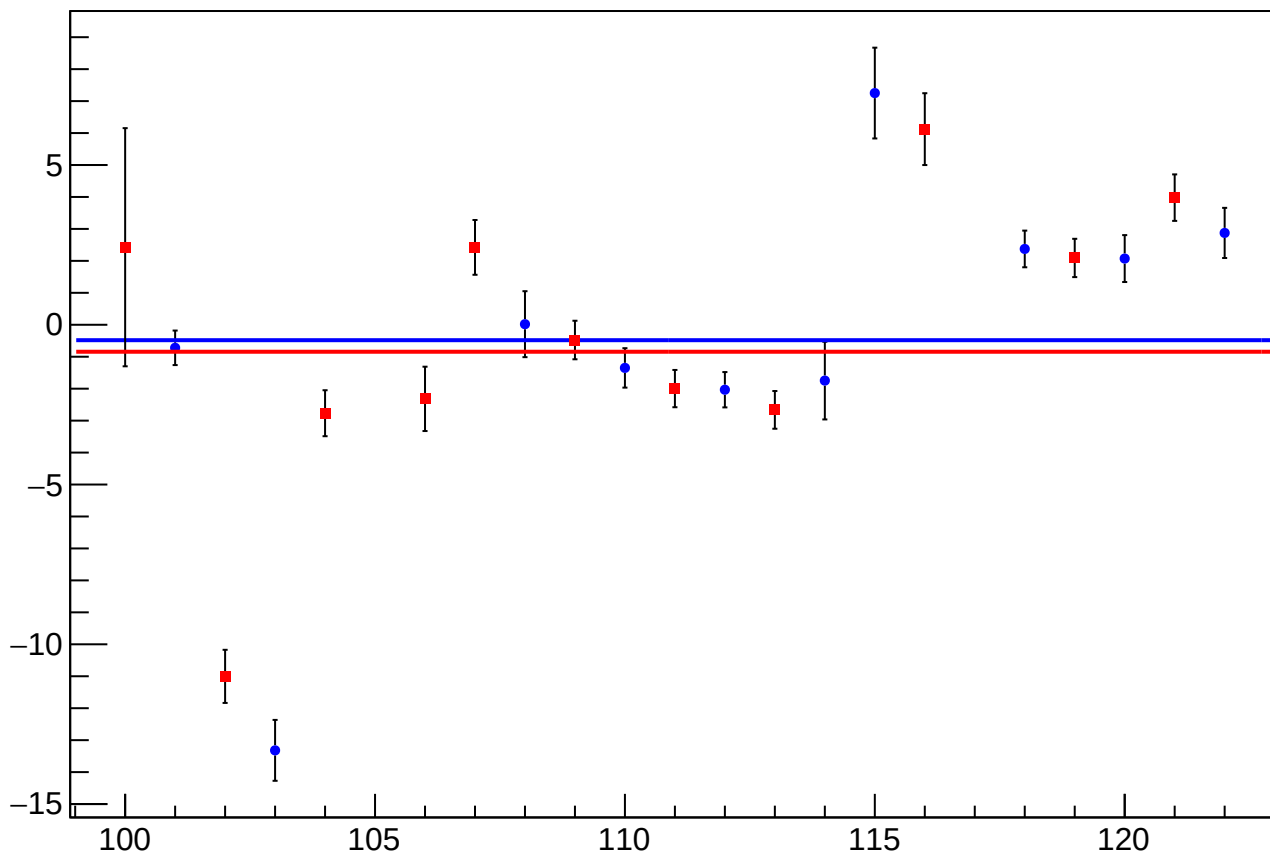
Right: -0.067+/-0.130 χ^2/NDF : 710.5/20

In: -0.658+/-0.198 χ^2/NDF :186.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.067+/-0.130 χ^2/NDF : 710.5/20

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: -0.844+/-0.225 χ^2 /NDF: 294.1/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

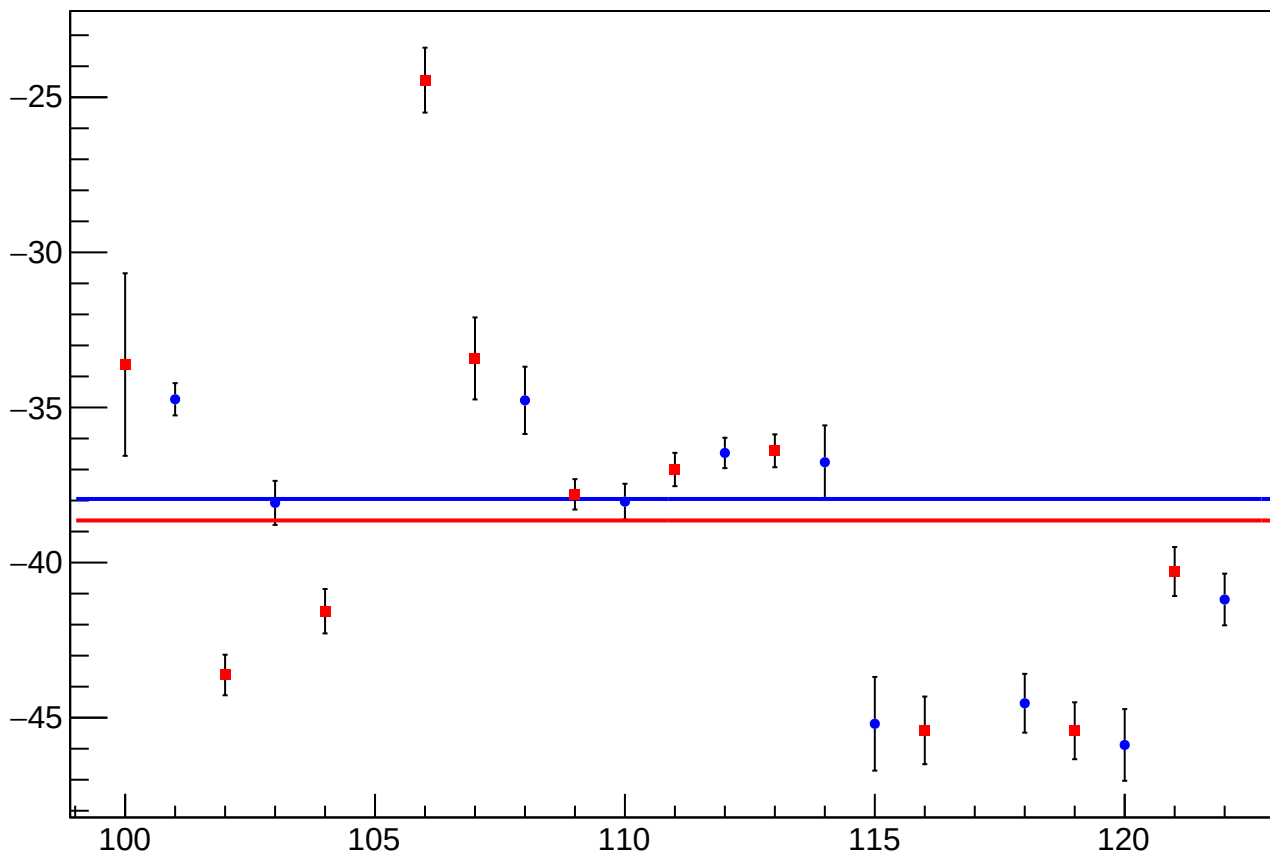
Right: -0.667+/-0.160 χ^2 /NDF: 573.1/20

In: -0.483+/-0.229 χ^2 /NDF:277.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.667+/-0.160 χ^2 /NDF: 573.1/20

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.950 ± 0.235 $\chi^2/\text{NDF}: 190.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -38.643 ± 0.220 $\chi^2/\text{NDF}: 405.0/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

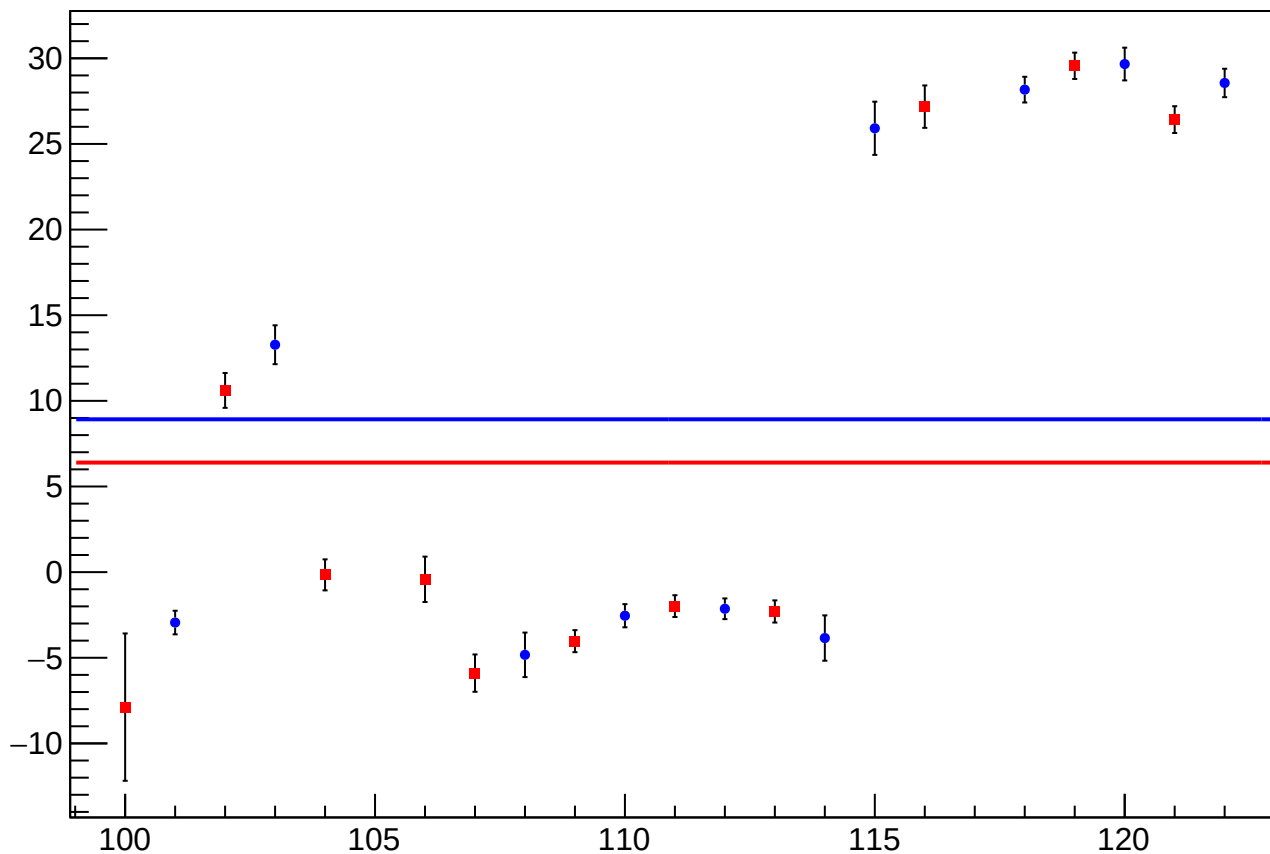
Right: -38.319 ± 0.160 $\chi^2/\text{NDF}: 600.1/20$

In: -37.950 ± 0.235 $\chi^2/\text{NDF}: 190.5/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -38.319 ± 0.160 $\chi^2/\text{NDF}: 600.1/20$

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: 6.396+/-0.259 χ^2/NDF : 2699.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

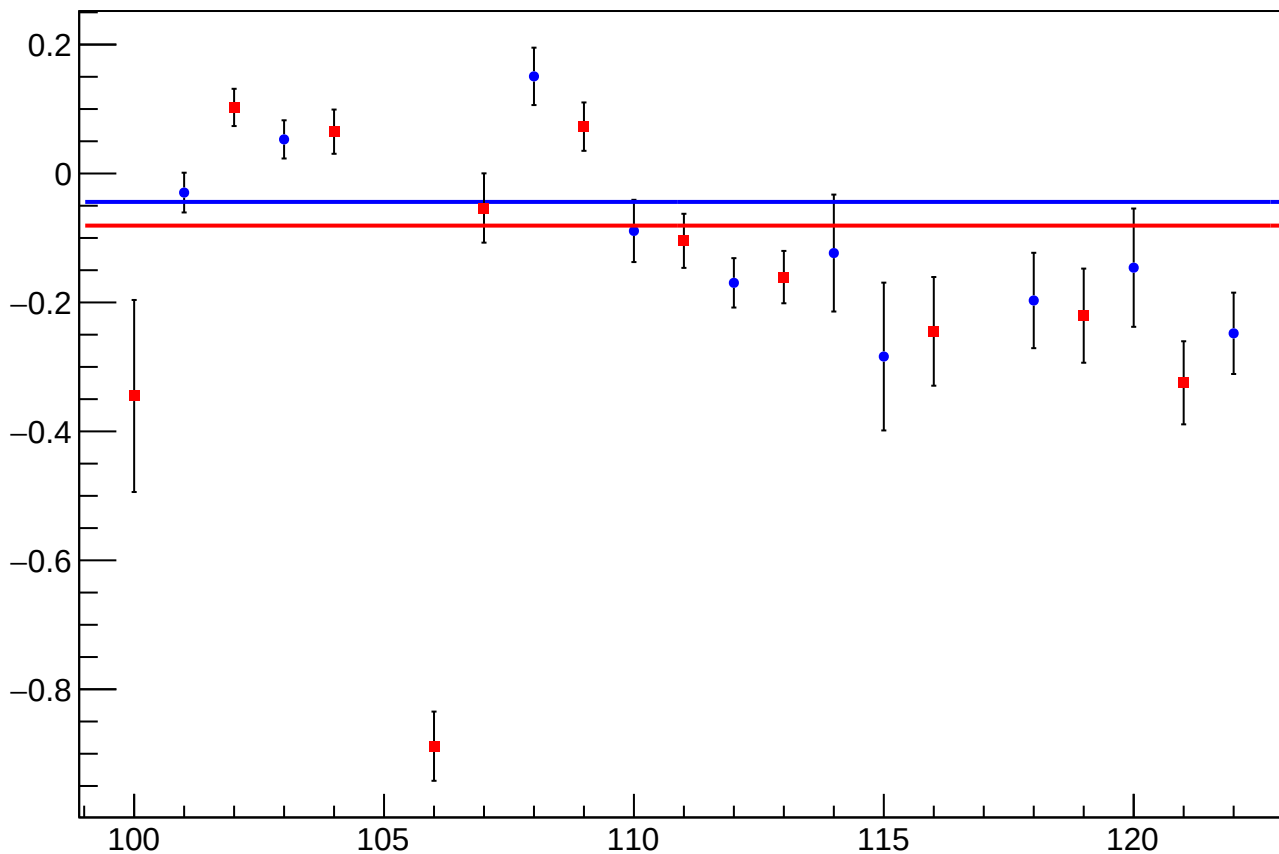
Right: 7.606+/-0.187 χ^2/NDF : 5690.4/20

In: 8.923+/-0.270 χ^2/NDF : 2945.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.606+/-0.187 χ^2/NDF : 5690.4/20

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: -0.081+/-0.014 χ^2/NDF : 330.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

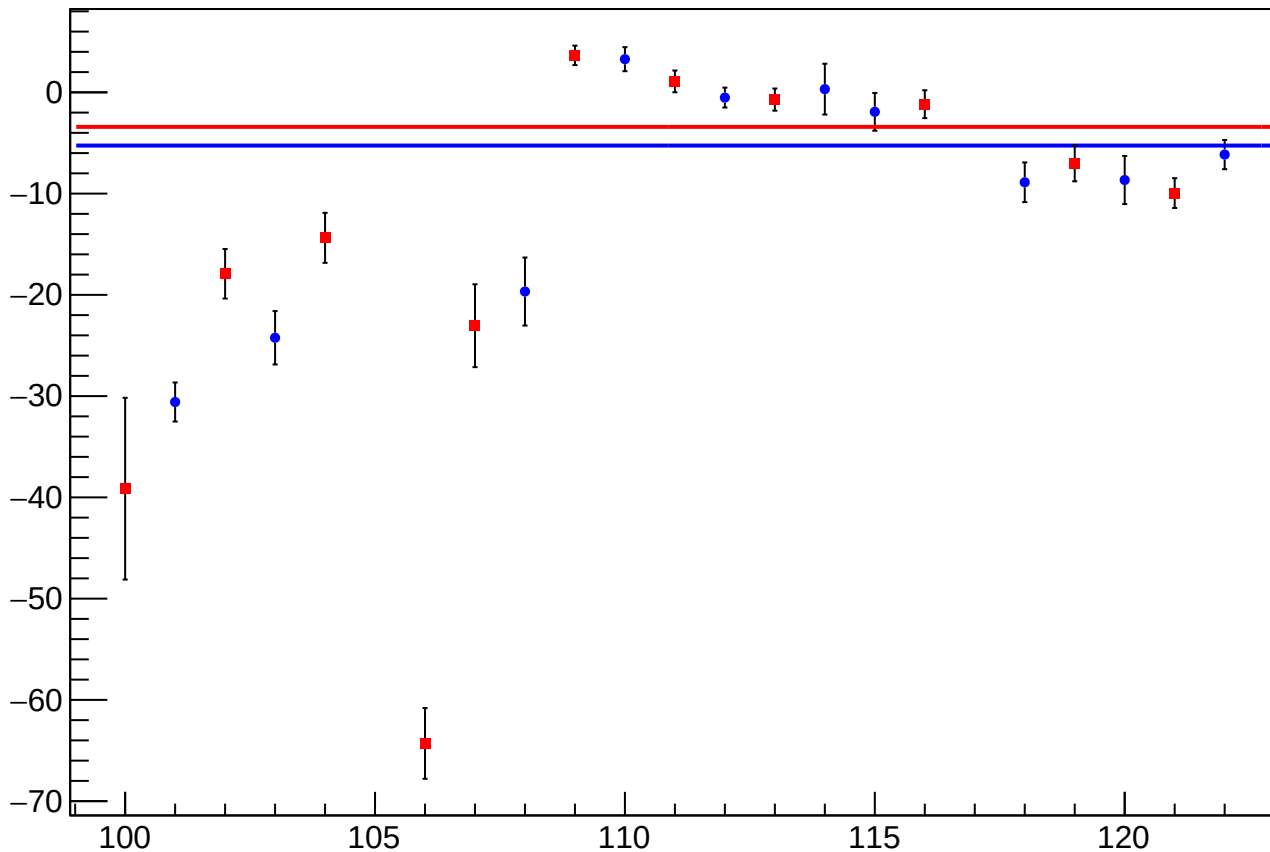
Right: -0.064+/-0.010 χ^2/NDF : 396.8/20

In: -0.044+/-0.015 χ^2/NDF : 62.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.064+/-0.010 χ^2/NDF : 396.8/20

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: -3.409+/-0.467 χ^2/NDF : 501.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

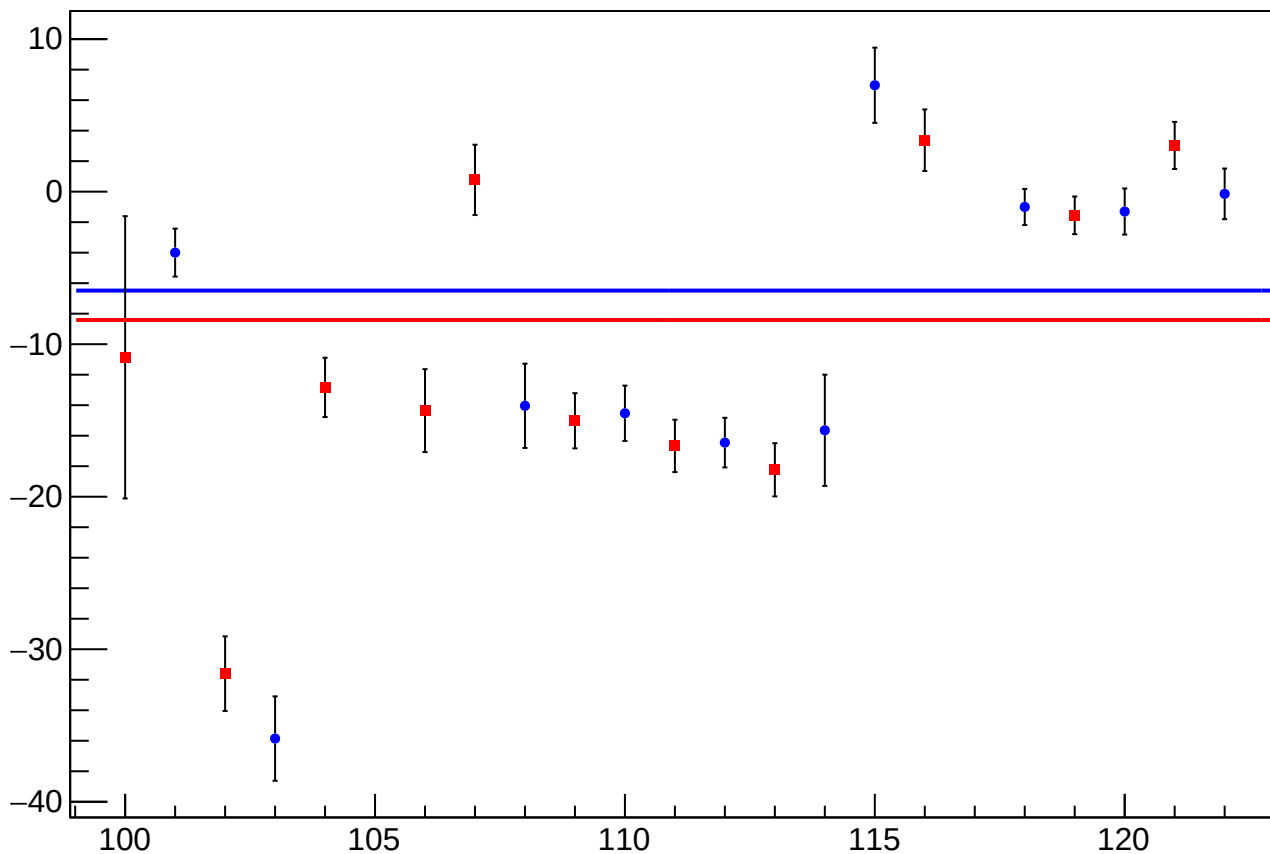
Right: -4.223+/-0.350 χ^2/NDF : 840.0/20

In: -5.256+/-0.527 χ^2/NDF : 331.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.223+/-0.350 χ^2/NDF : 840.0/20

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: -8.414+/-0.571 χ^2/NDF : 303.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

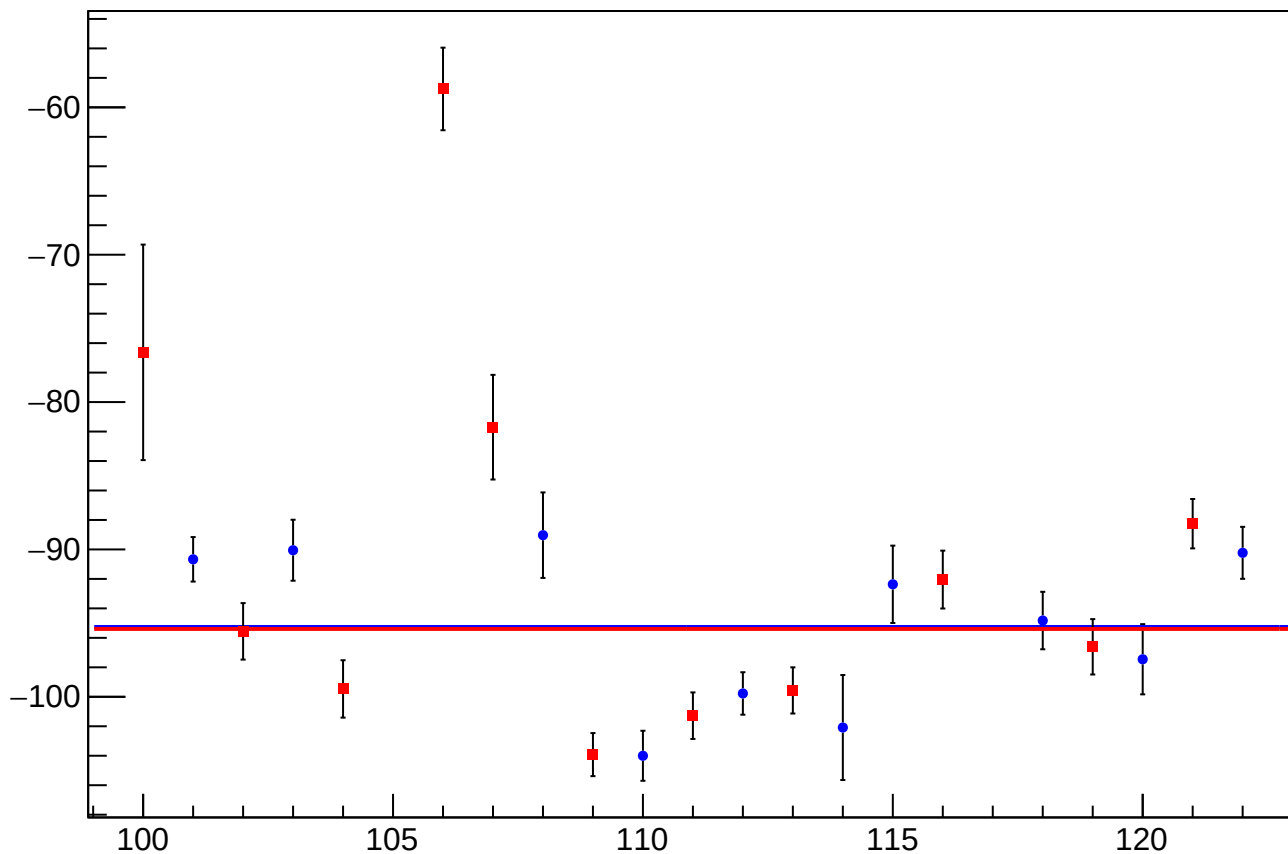
Right: -7.443+/-0.403 χ^2/NDF : 573.4/20

In: -6.485+/-0.567 χ^2/NDF : 263.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.443+/-0.403 χ^2/NDF : 573.4/20

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: -95.394+/-0.584 χ^2/NDF : 273.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

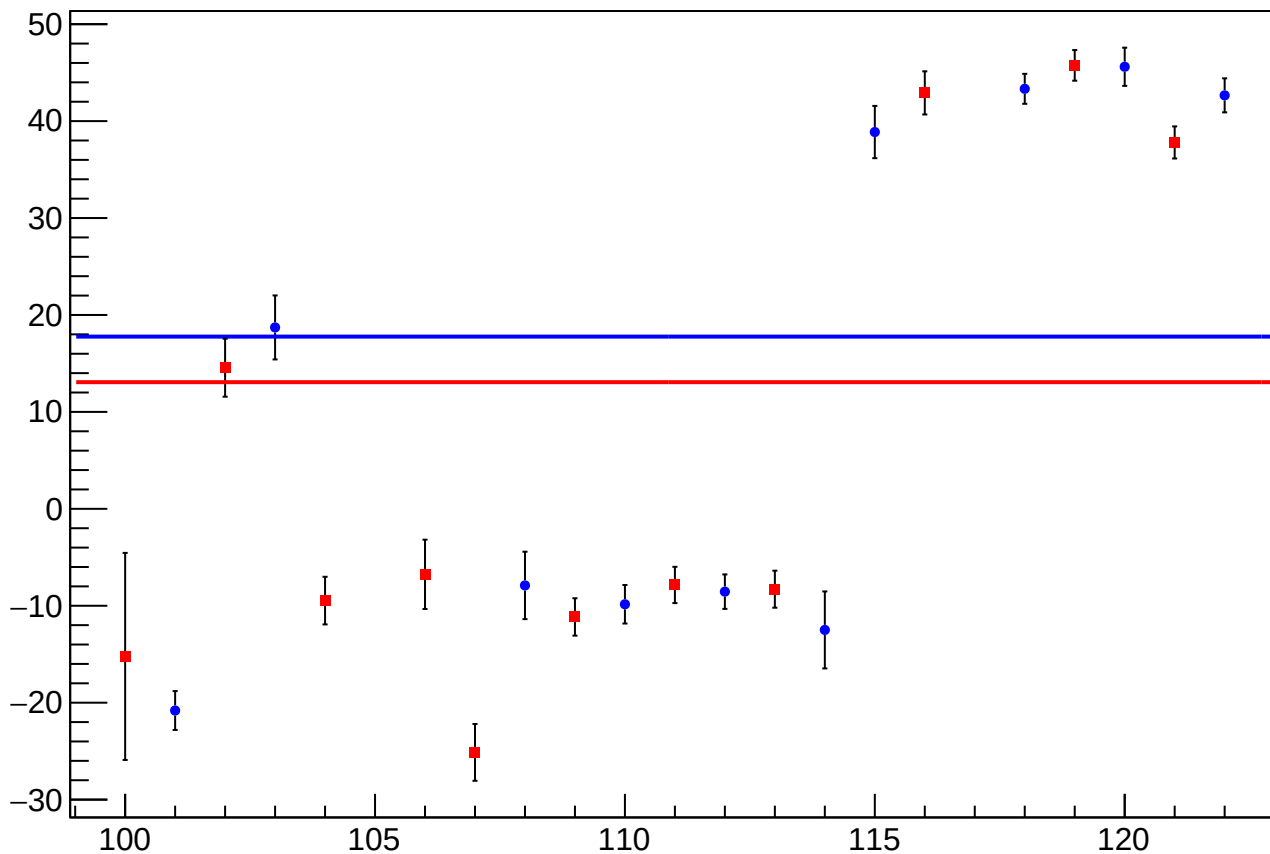
Right: -95.333+/-0.425 χ^2/NDF : 343.9/20

In: -95.265+/-0.620 χ^2/NDF : 70.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.333+/-0.425 χ^2/NDF : 343.9/20

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: 13.068+/-0.663 χ^2/NDF : 1530.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

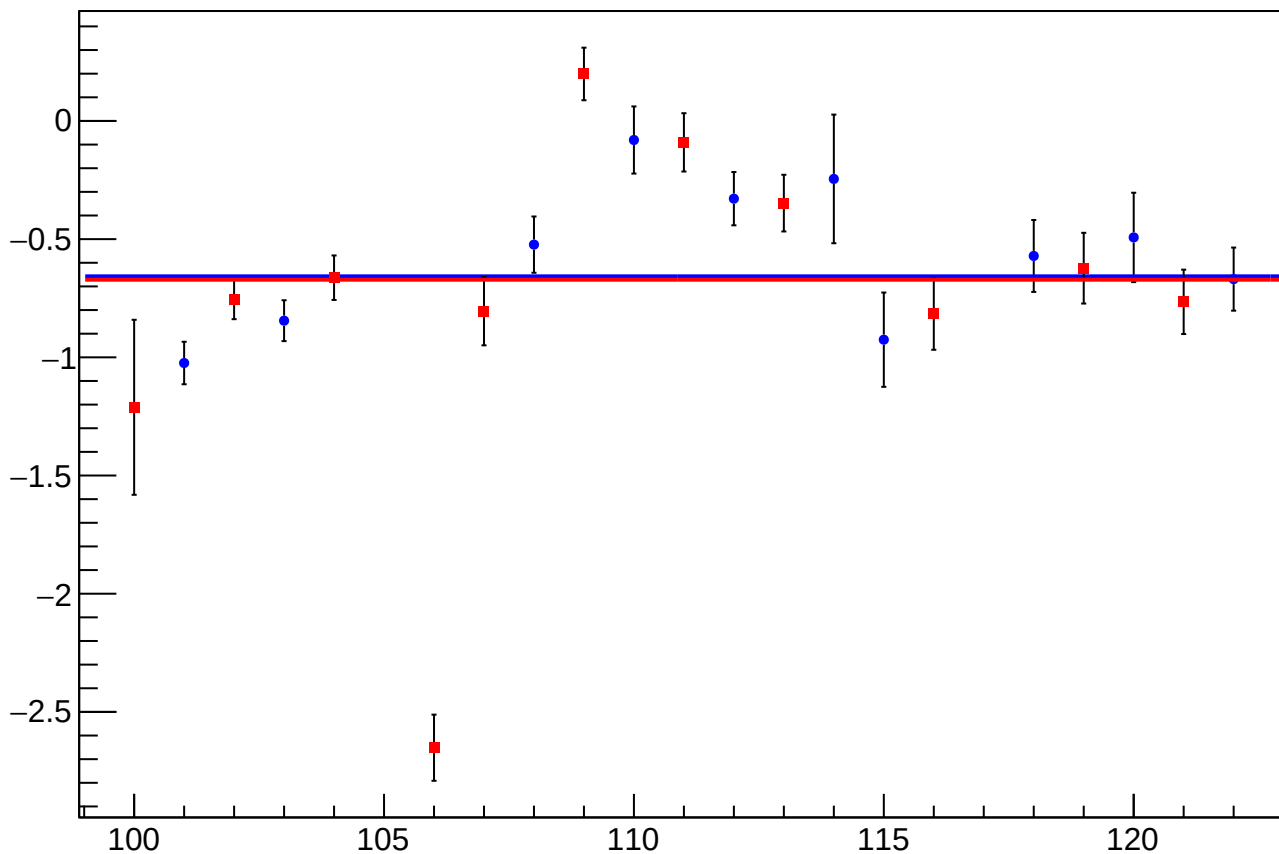
Right: 15.375+/-0.473 χ^2/NDF : 3185.8/20

In: 17.769+/-0.675 χ^2/NDF : 1630.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.375+/-0.473 χ^2/NDF : 3185.8/20

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: -0.672+/-0.037 χ^2/NDF : 296.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

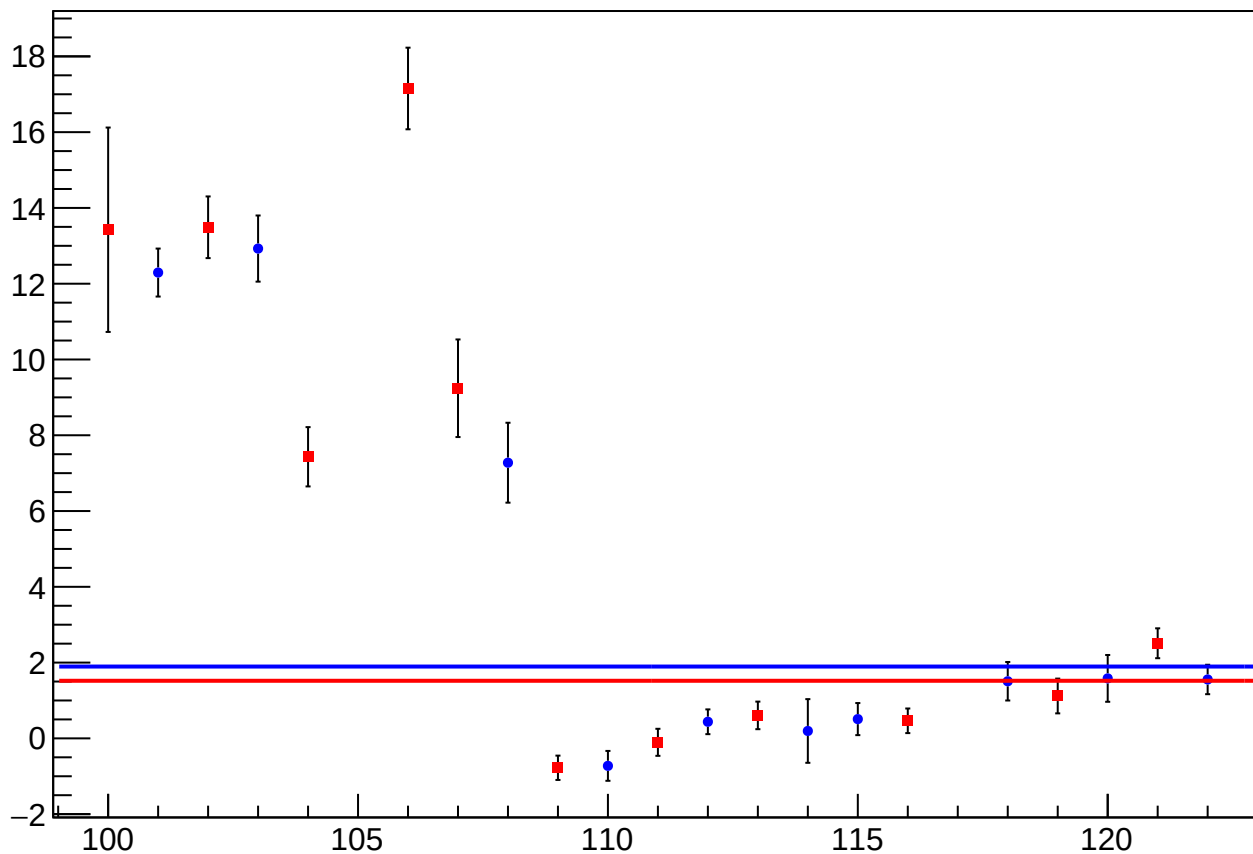
Right: -0.665+/-0.027 χ^2/NDF : 349.3/20

In: -0.657+/-0.040 χ^2/NDF : 52.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.665+/-0.027 χ^2/NDF : 349.3/20

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: 1.520+/-0.141 χ^2/NDF : 635.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

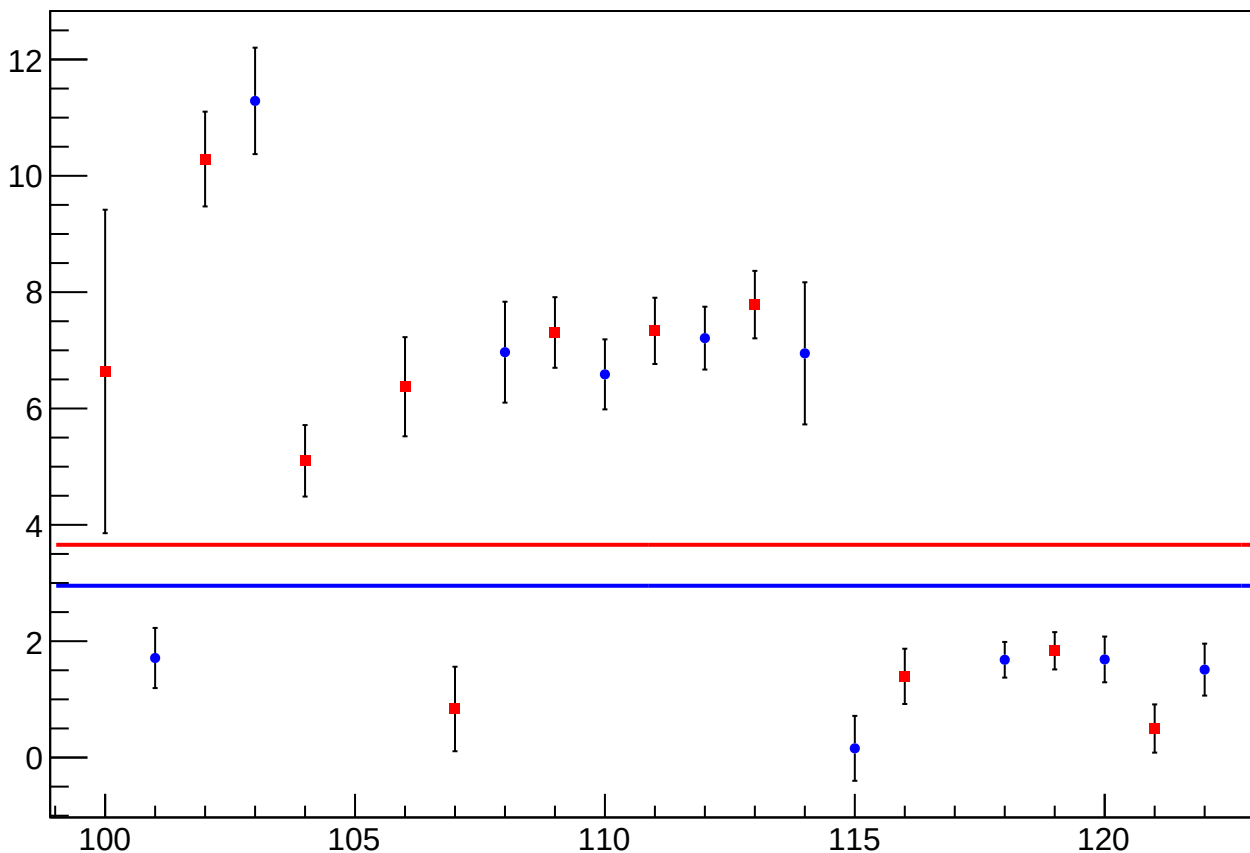
Right: 1.687+/-0.105 χ^2/NDF : 1174.5/20

In: 1.896+/-0.157 χ^2/NDF : 536.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.687+/-0.105 χ^2/NDF : 1174.5/20

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: 3.657+/-0.166 χ^2/NDF : 339.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

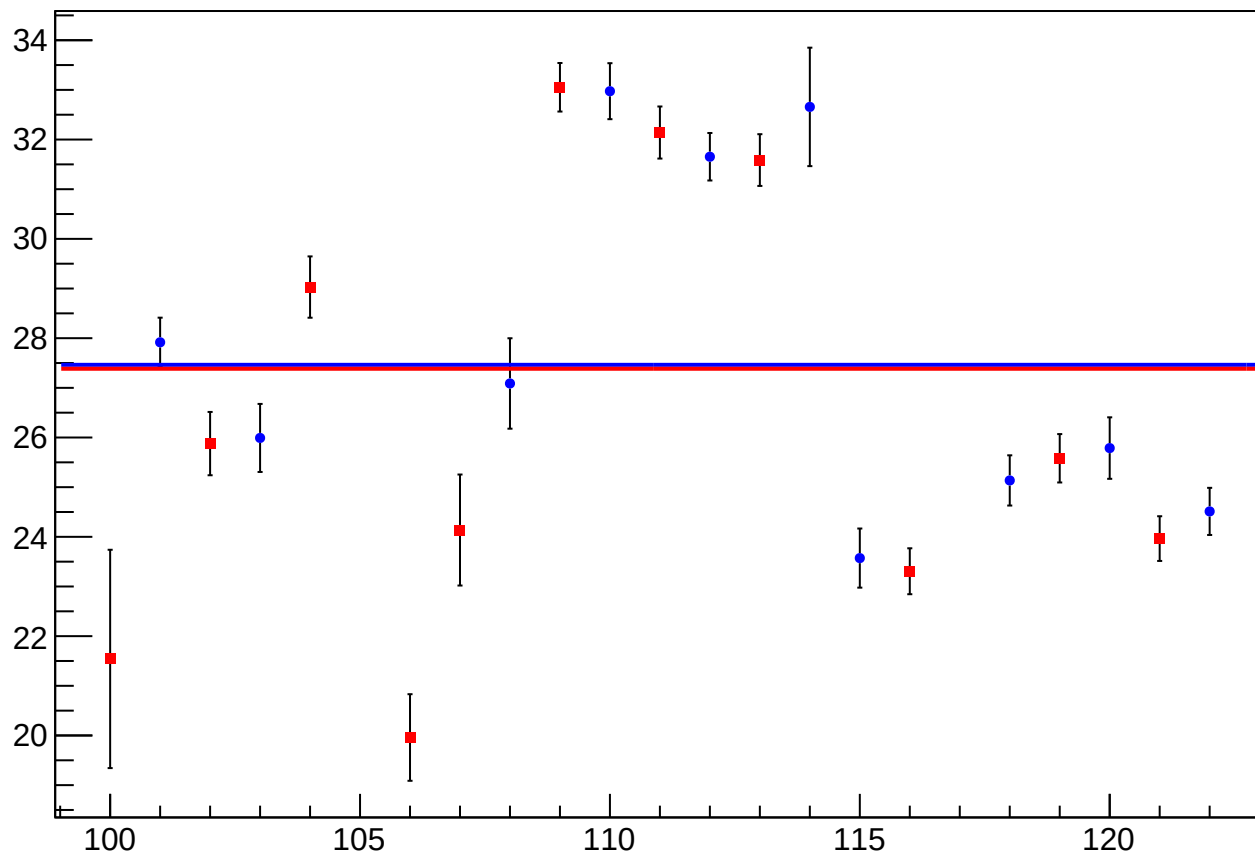
Right: 3.295+/-0.116 χ^2/NDF : 631.5/20

In: 2.953+/-0.161 χ^2/NDF : 282.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.295+/-0.116 χ^2/NDF : 631.5/20

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.464+/-0.184 χ^2/NDF : 306.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.384+/-0.175 χ^2/NDF : 531.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

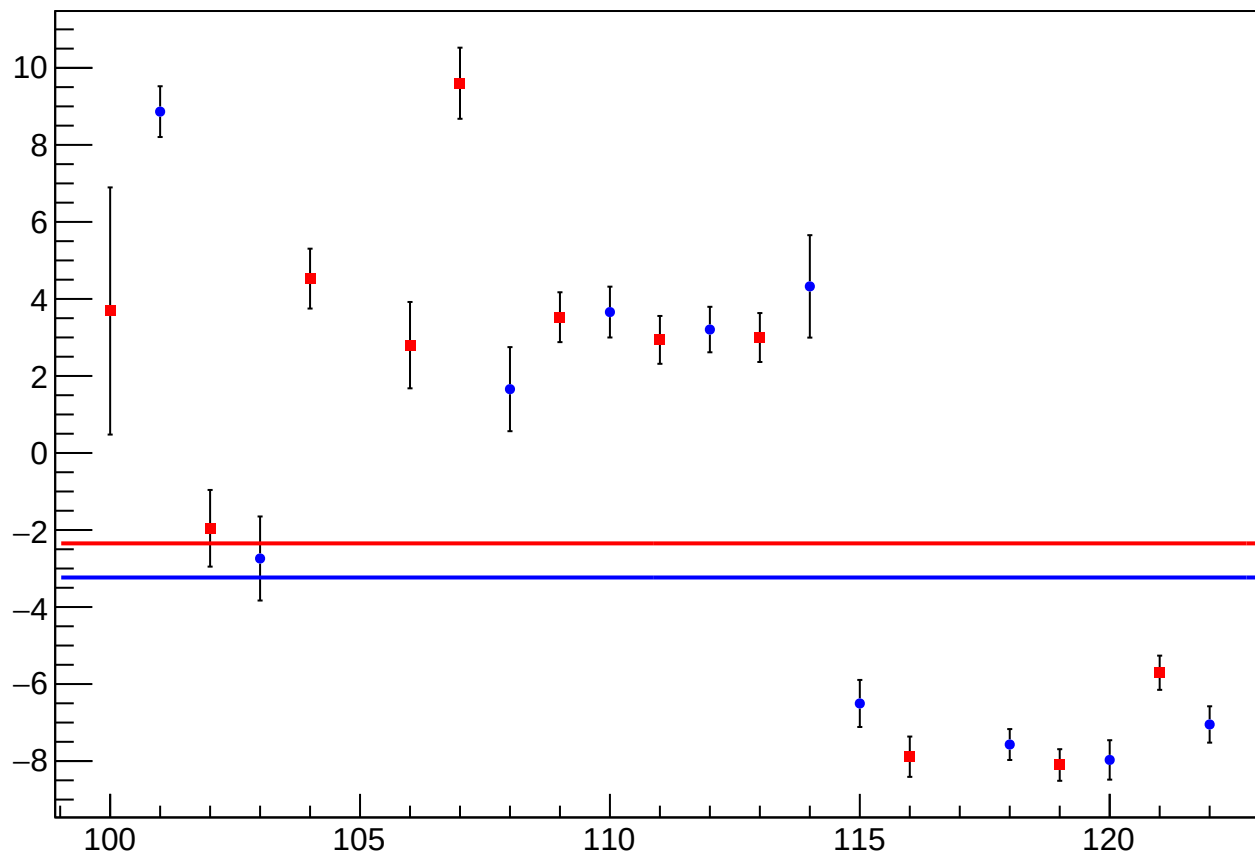
Right: 27.422+/-0.127 χ^2/NDF : 838.6/20

In: 27.464+/-0.184 χ^2/NDF : 306.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.422+/-0.127 χ^2/NDF : 838.6/20

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: -2.347 ± 0.193 χ^2/NDF : 861.7/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

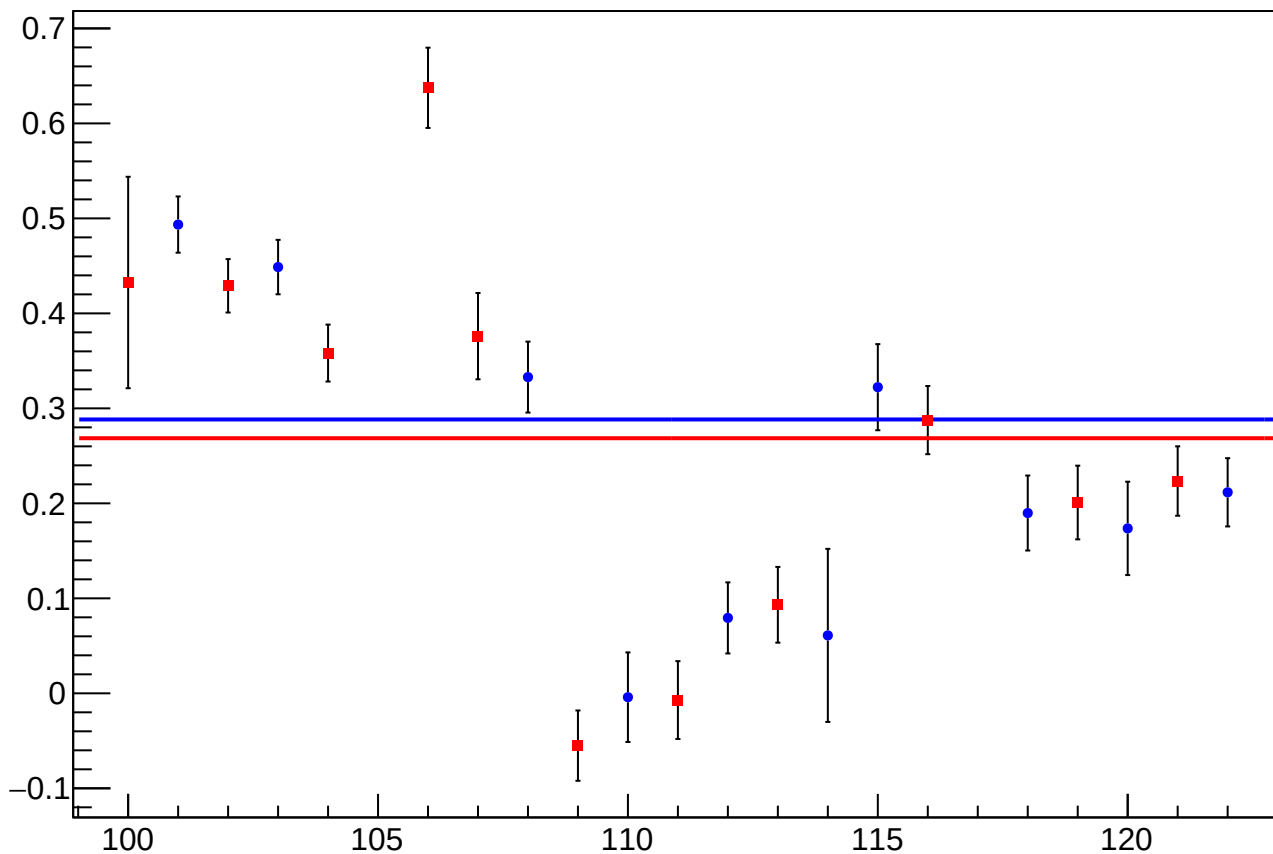
Right: -2.791 ± 0.136 χ^2/NDF : 1785.8/20

In: -3.233 ± 0.193 χ^2/NDF : 913.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.791 ± 0.136 χ^2/NDF : 1785.8/20

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: 0.269+/-0.011 χ^2/NDF : 271.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

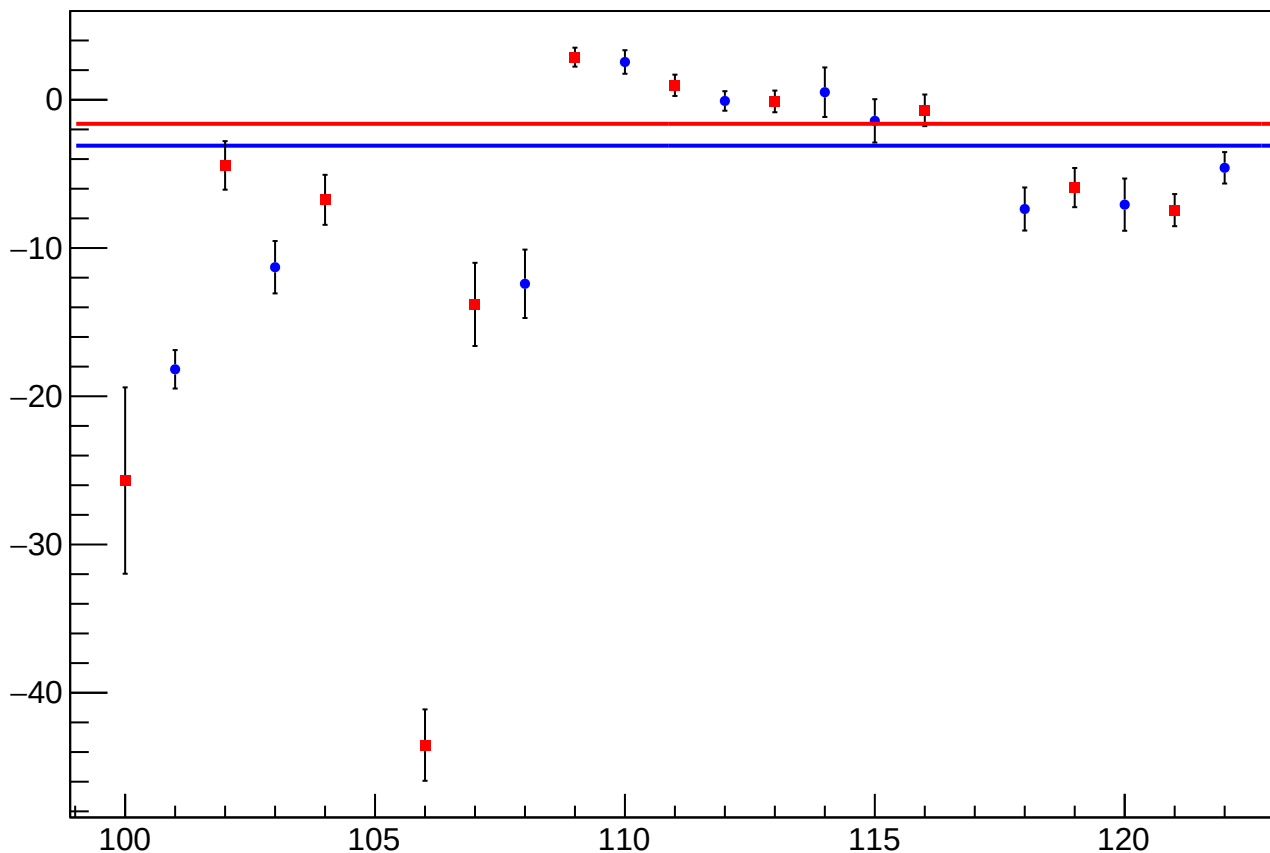
Right: 0.278+/-0.008 χ^2/NDF : 446.3/20

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 : 446.3/20

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: -1.621+/-0.323 χ^2/NDF : 455.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

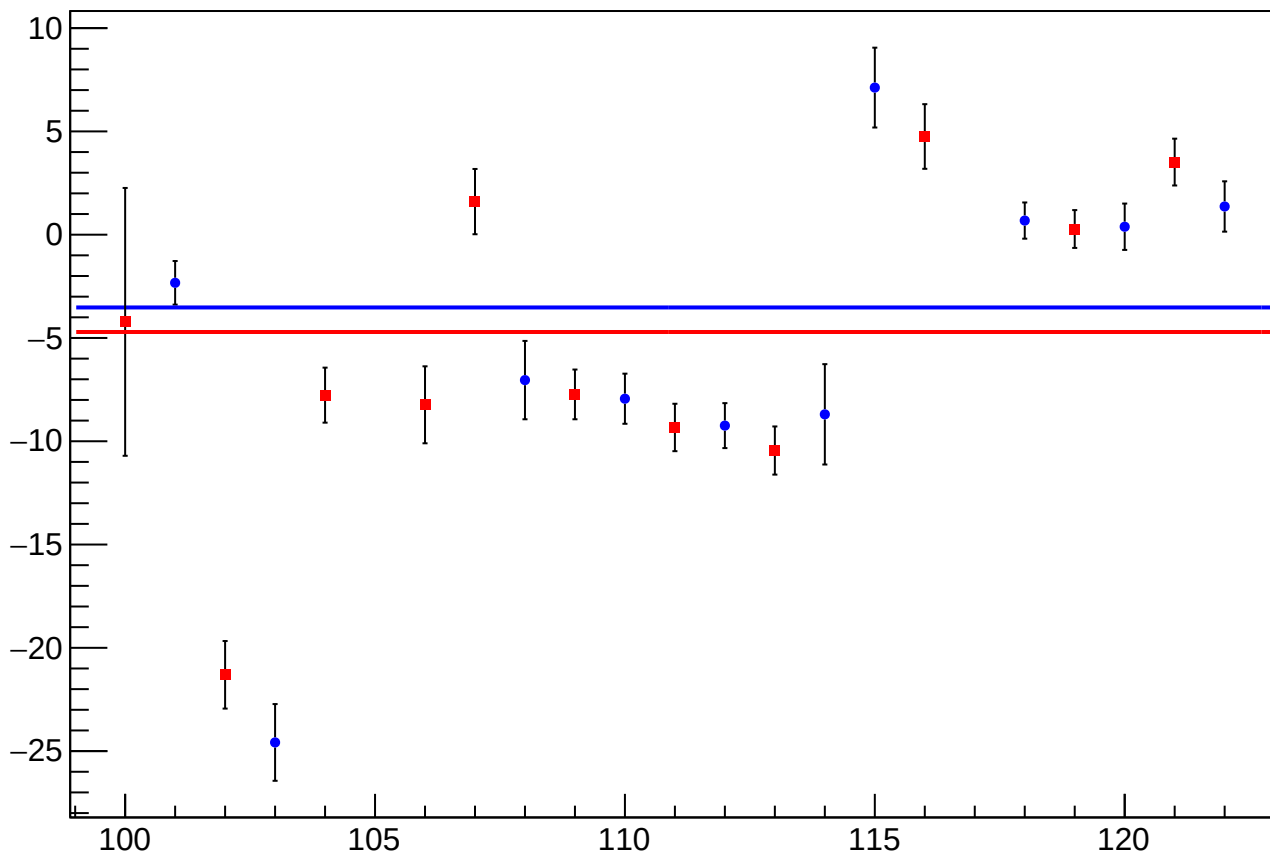
Right: -2.268+/-0.242 χ^2/NDF : 731.1/20

In: -3.096+/-0.365 χ^2/NDF : 266.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.268+/-0.242 χ^2/NDF : 731.1/20

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: -4.711+/-0.401 χ^2/NDF : 293.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

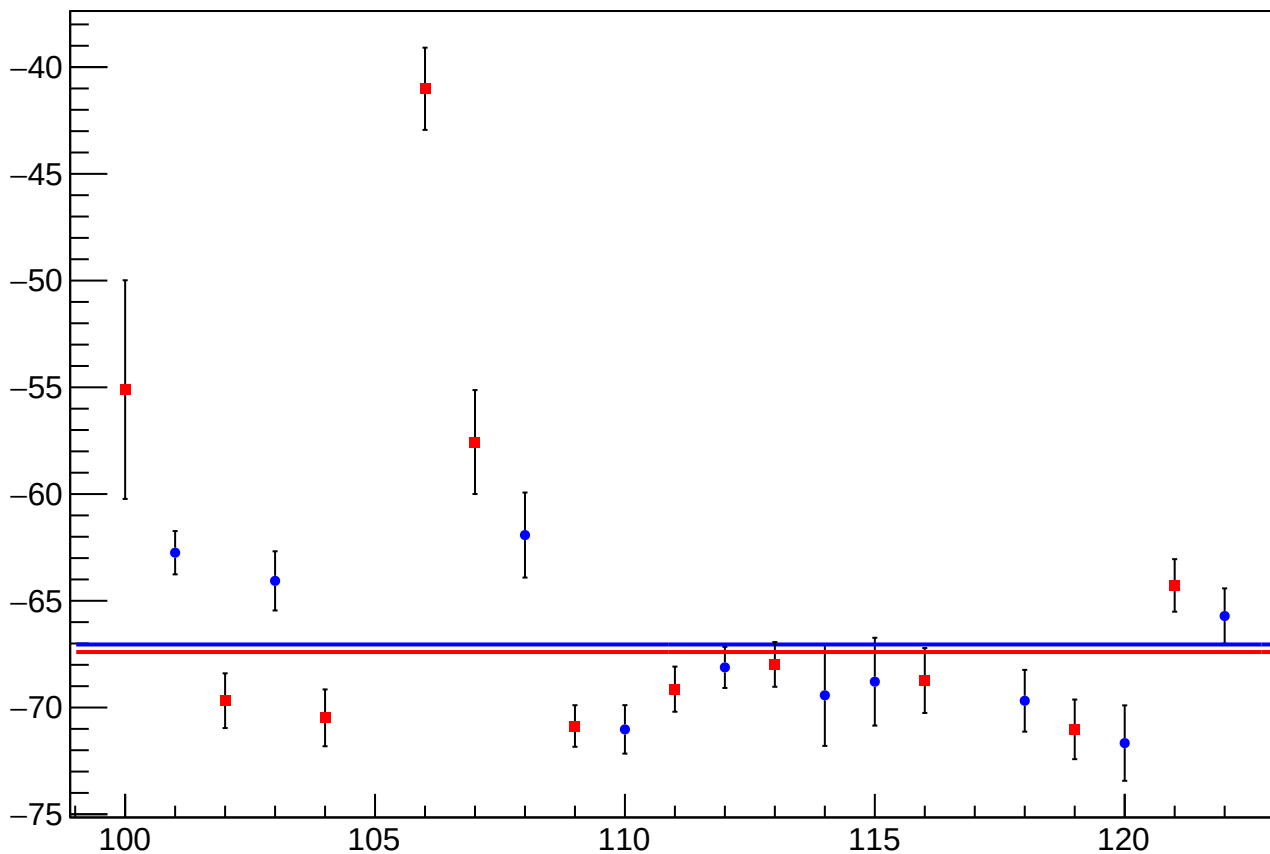
Right: -4.118+/-0.284 χ^2/NDF : 558.1/20

In: -3.523+/-0.402 χ^2/NDF :260.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.118+/-0.284 χ^2/NDF : 558.1/20

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: -67.400+/-0.404 χ^2/NDF : 248.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

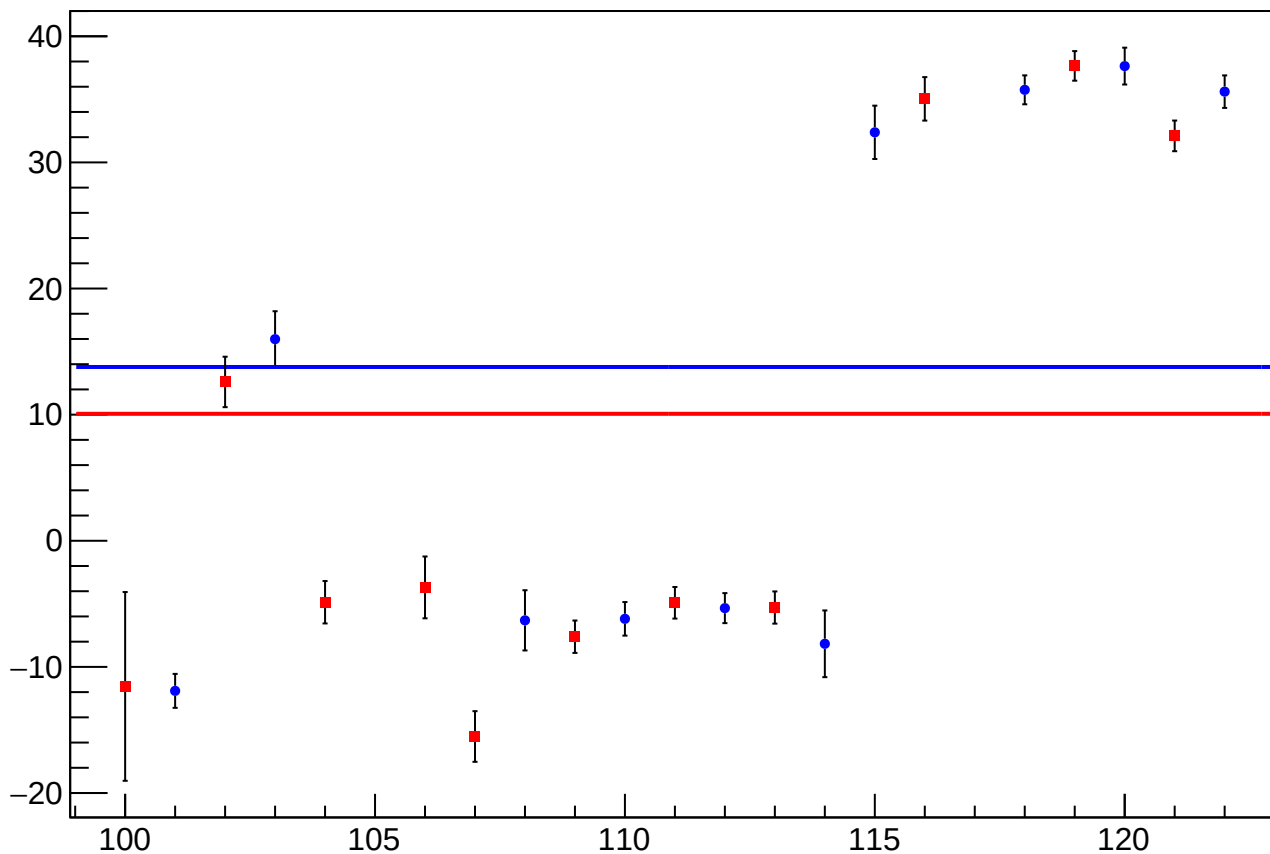
Right: -67.234+/-0.295 χ^2/NDF : 304.0/20

In: -67.047+/-0.430 χ^2/NDF : 55.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.234+/-0.295 χ^2/NDF : 304.0/20

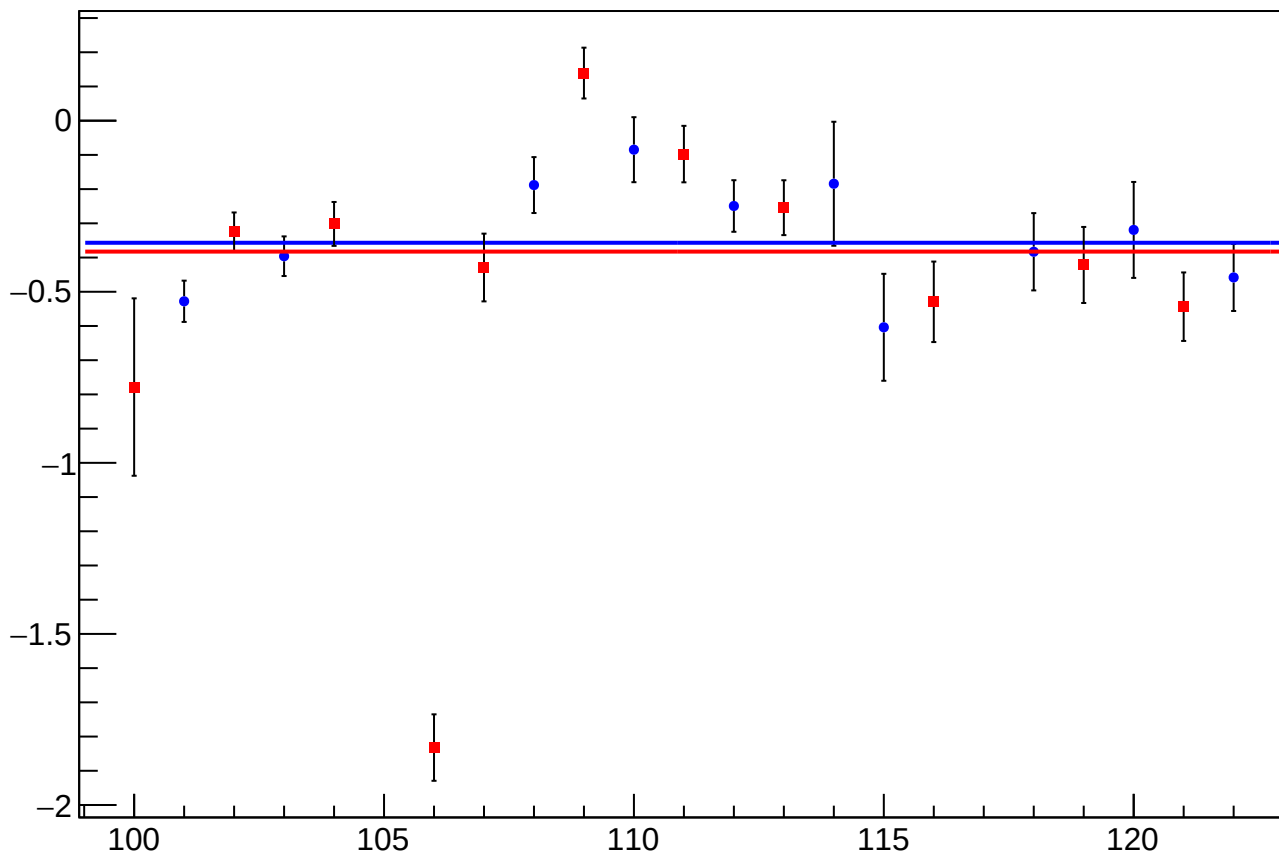
reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 10.067+/-0.464 χ^2/NDF : 1852.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 11.875+/-0.333 χ^2/NDF : 3869.7/20
 In: 13.780+/-0.477 χ^2/NDF : 1986.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 11.875+/-0.333 χ^2/NDF : 3869.7/20

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: -0.383+/-0.026 χ^2/NDF : 296.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

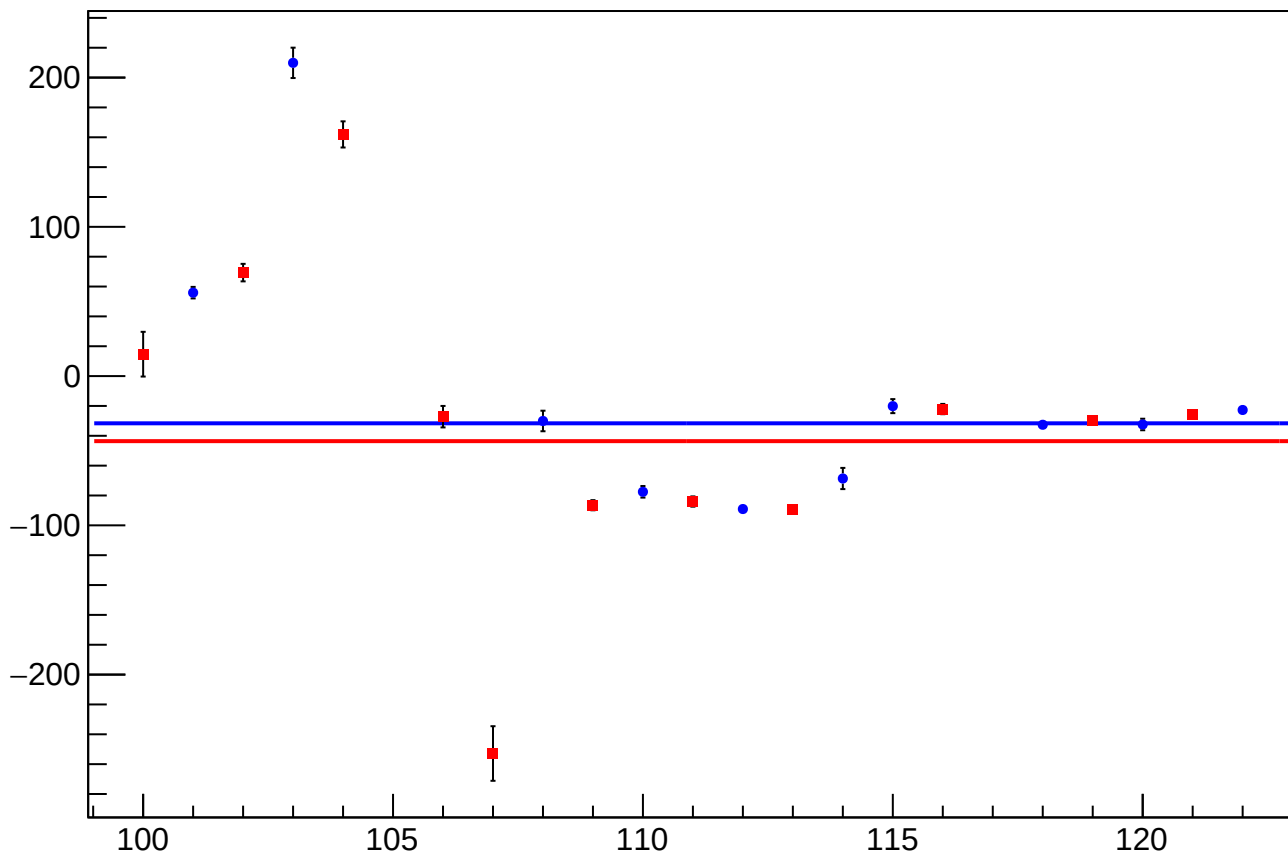
Right: -0.371+/-0.019 χ^2/NDF : 324.1/20

In: -0.357+/-0.028 χ^2/NDF : 27.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.371+/-0.019 χ^2/NDF : 324.1/20

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: -43.588+/-1.251 χ^2/NDF : 1653.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

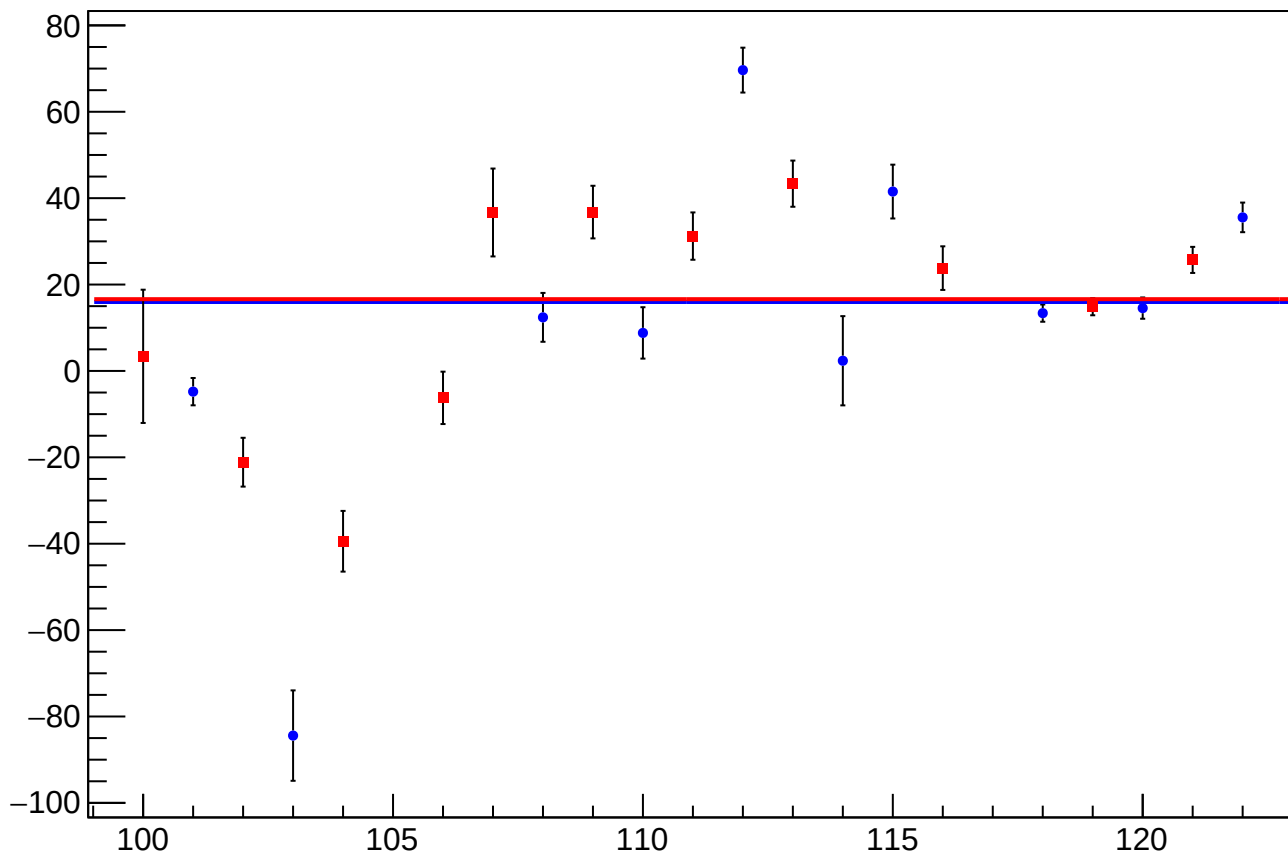
Right: -37.794+/-0.898 χ^2/NDF : 3292.1/20

In: -31.638+/-1.289 χ^2/NDF : 1594.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.794+/-0.898 χ^2/NDF : 3292.1/20

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: 16.616+/-1.300 χ^2/NDF : 182.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

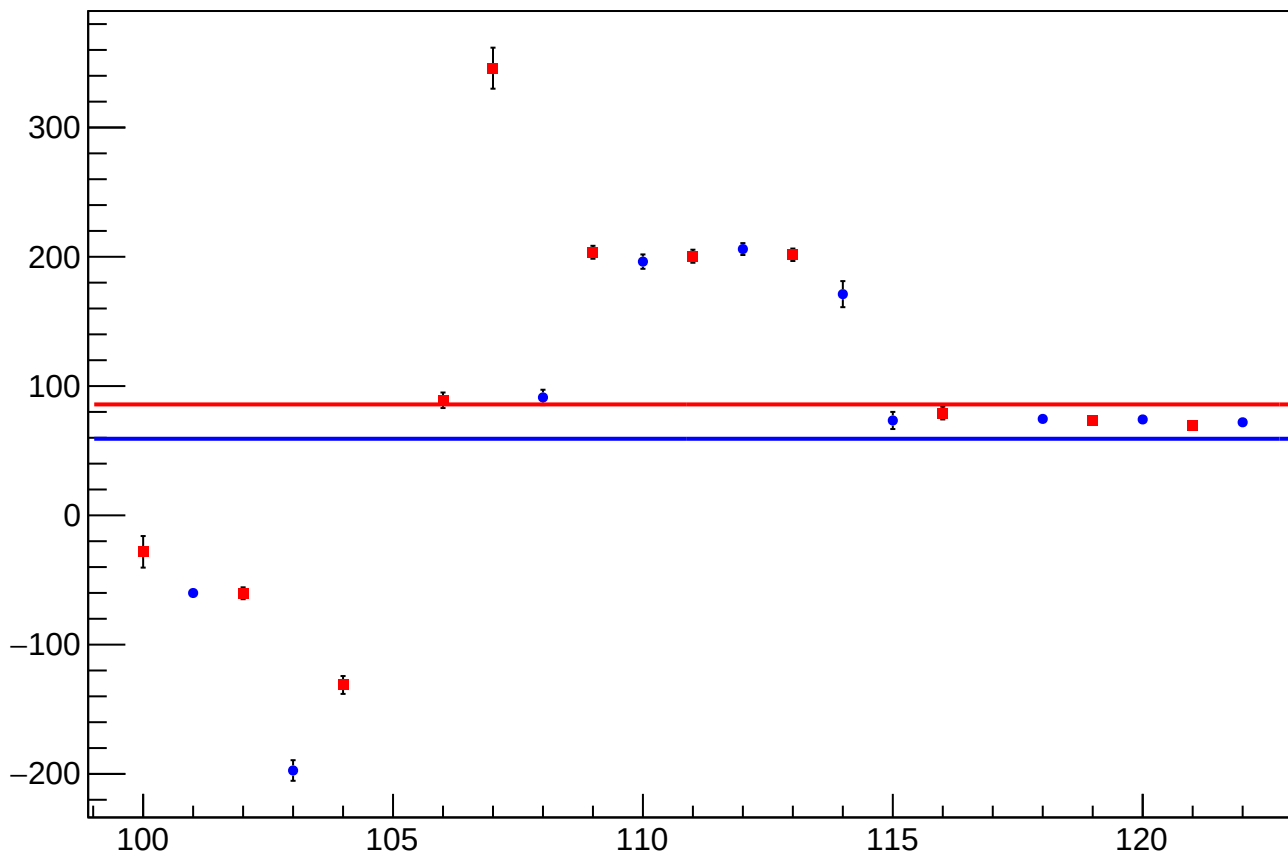
Right: 16.253+/-0.866 χ^2/NDF : 479.0/20

In: 15.964+/-1.161 χ^2/NDF : 296.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.253+/-0.866 χ^2/NDF : 479.0/20

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: 85.806+/-1.460 χ^2/NDF : 4051.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

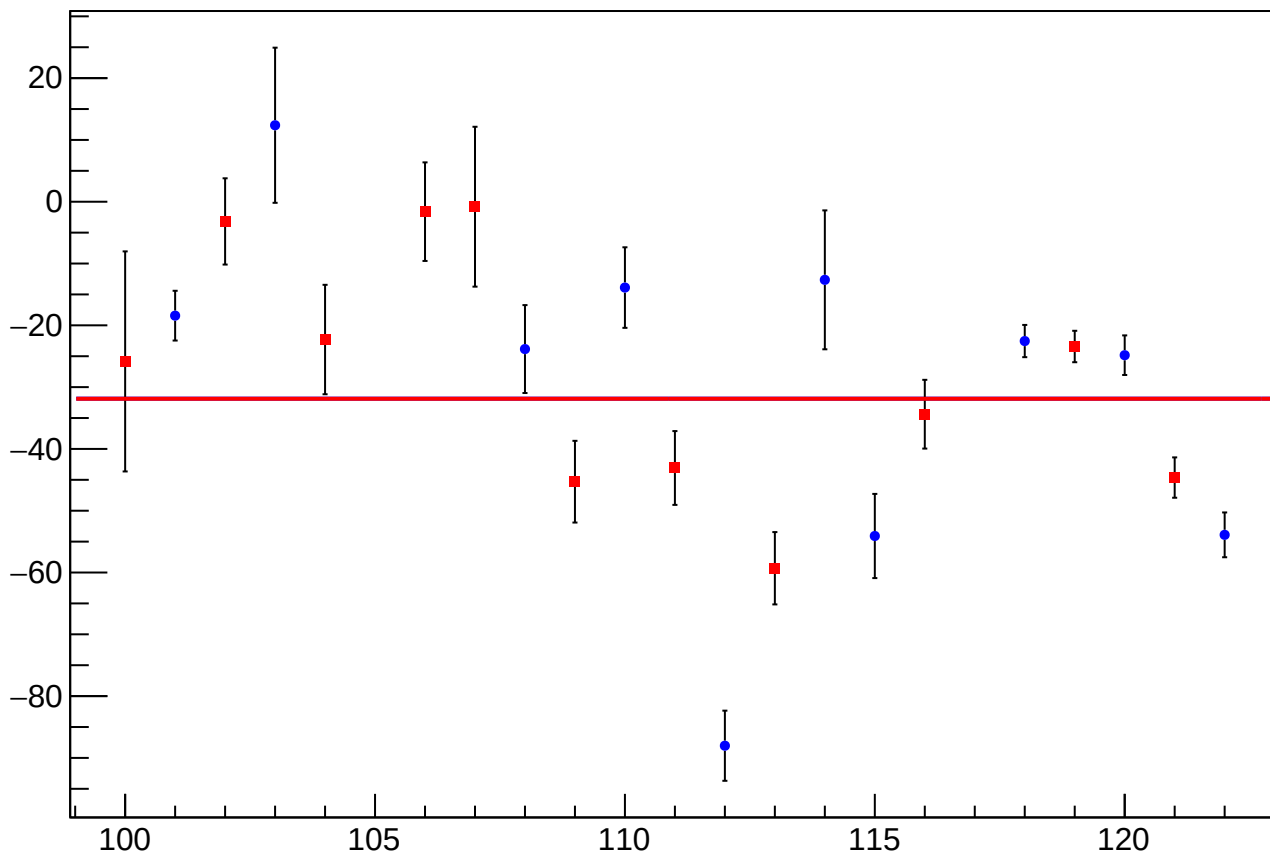
Right: 72.109+/-1.016 χ^2/NDF : 8649.5/20

In: 59.241+/-1.415 χ^2/NDF : 4426.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.109+/-1.016 χ^2/NDF : 8649.5/20

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: -31.883+/-1.545 χ^2/NDF : 94.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

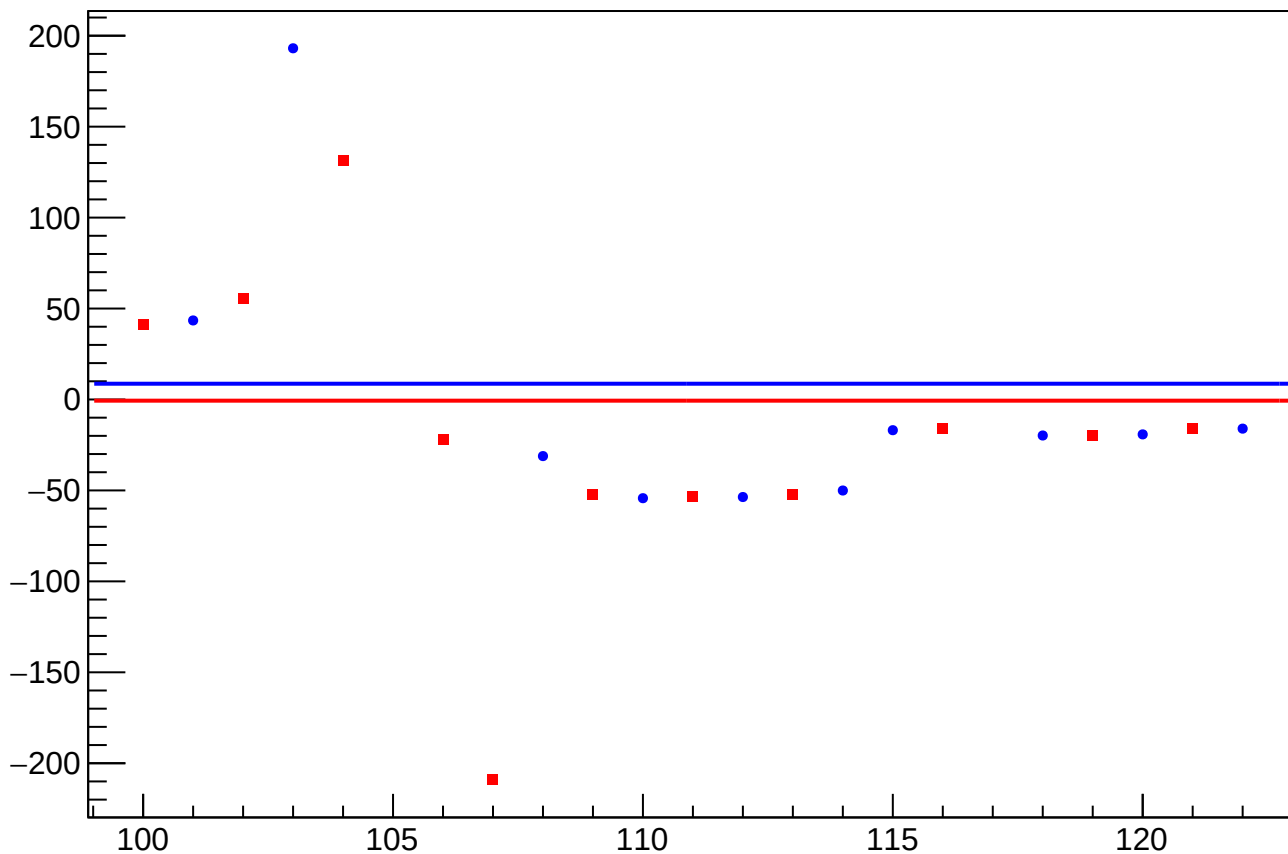
Right: -31.874+/-1.047 χ^2/NDF : 293.0/20

In: -31.867+/-1.425 χ^2/NDF :198.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -31.874+/-1.047 χ^2/NDF : 293.0/20

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: -0.655+/-0.095 χ^2/NDF : 414123.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

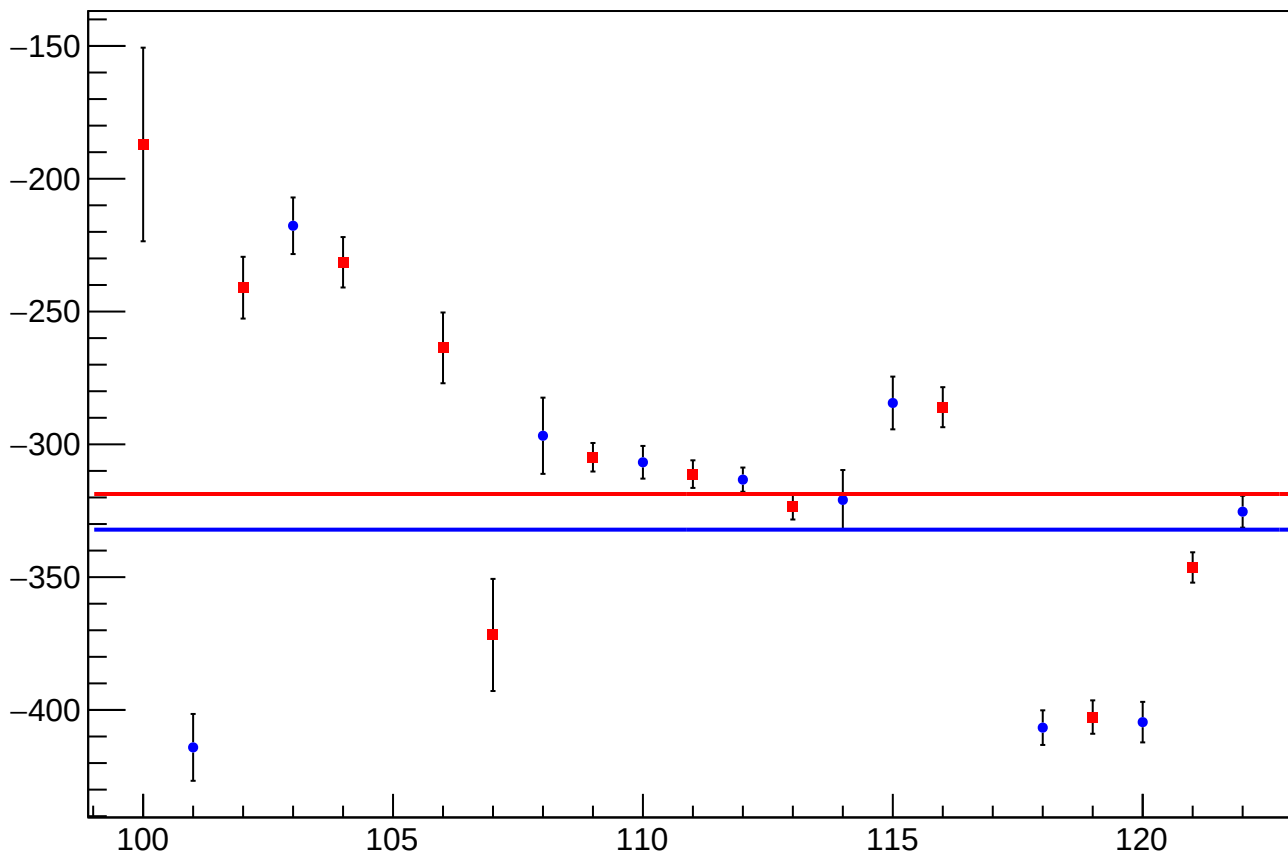
Right: 4.077+/-0.067 χ^2/NDF : 870143.0/20

In: 8.664+/-0.094 χ^2/NDF : 451154.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.077+/-0.067 χ^2/NDF : 870143.0/20

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: -318.692+/-2.164 χ^2/NDF : 395.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

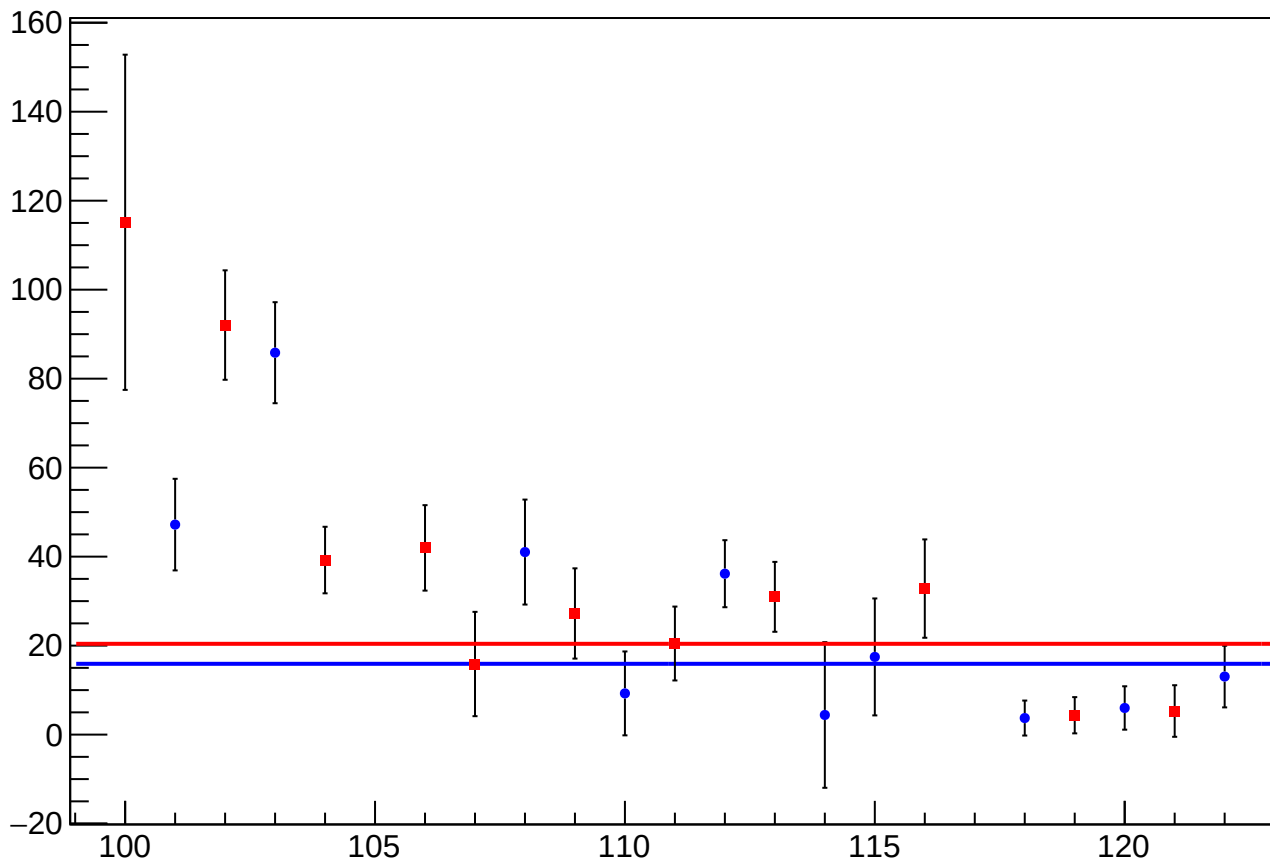
Right: -324.853+/-1.592 χ^2/NDF : 857.6/20

In: -332.119+/-2.350 χ^2/NDF :444.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -324.853+/-1.592 χ^2/NDF : 857.6/20

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: 20.406 $\pm$ 2.344 χ^2 /NDF: 77.6/10

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

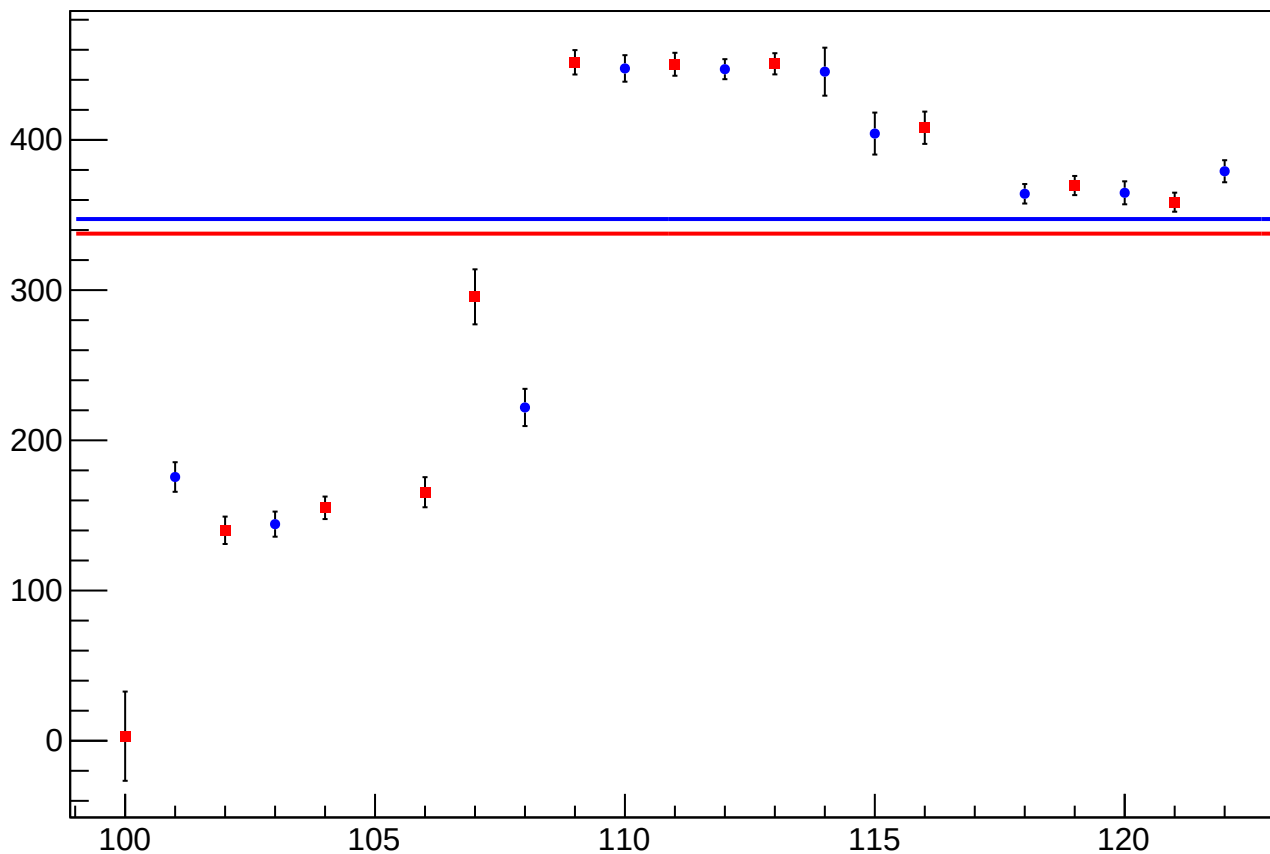
Right: 18.108 $\pm$ 1.639 χ^2 /NDF: 153.4/20

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: 18.108 $\pm$ 1.639 χ^2 /NDF: 153.4/20

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: 337.605+/-2.544 χ^2/NDF : 2241.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

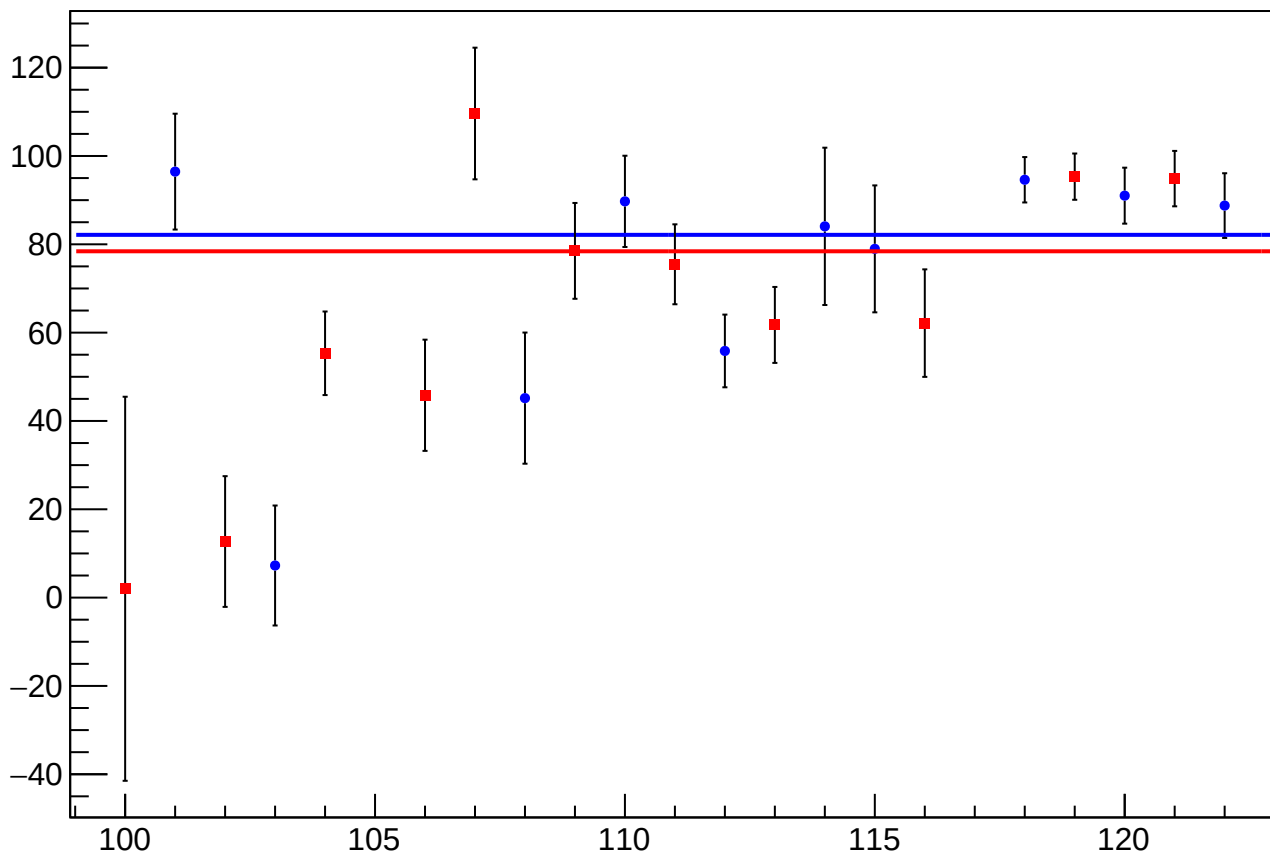
Right: 342.132+/-1.859 χ^2/NDF : 3683.6/20

In: 347.317+/-2.723 χ^2/NDF : 1434.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.132+/-1.859 χ^2/NDF : 3683.6/20

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: 78.419+/-2.775 χ^2/NDF : 62.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

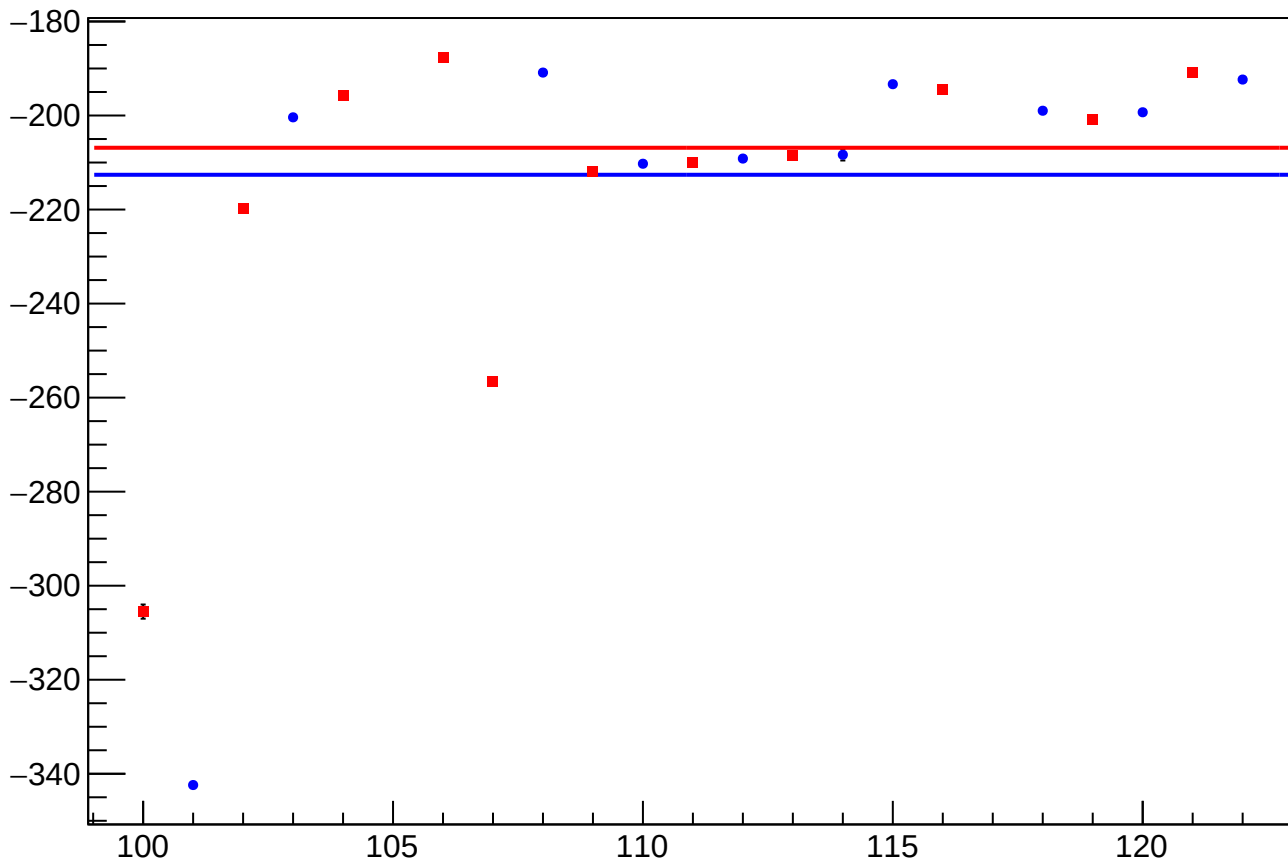
Right: 80.277+/-1.964 χ^2/NDF : 120.9/20

In: 82.143+/-2.781 χ^2/NDF : 57.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.277+/-1.964 χ^2/NDF : 120.9/20

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: -206.858+/-0.163 χ^2/NDF : 13381.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

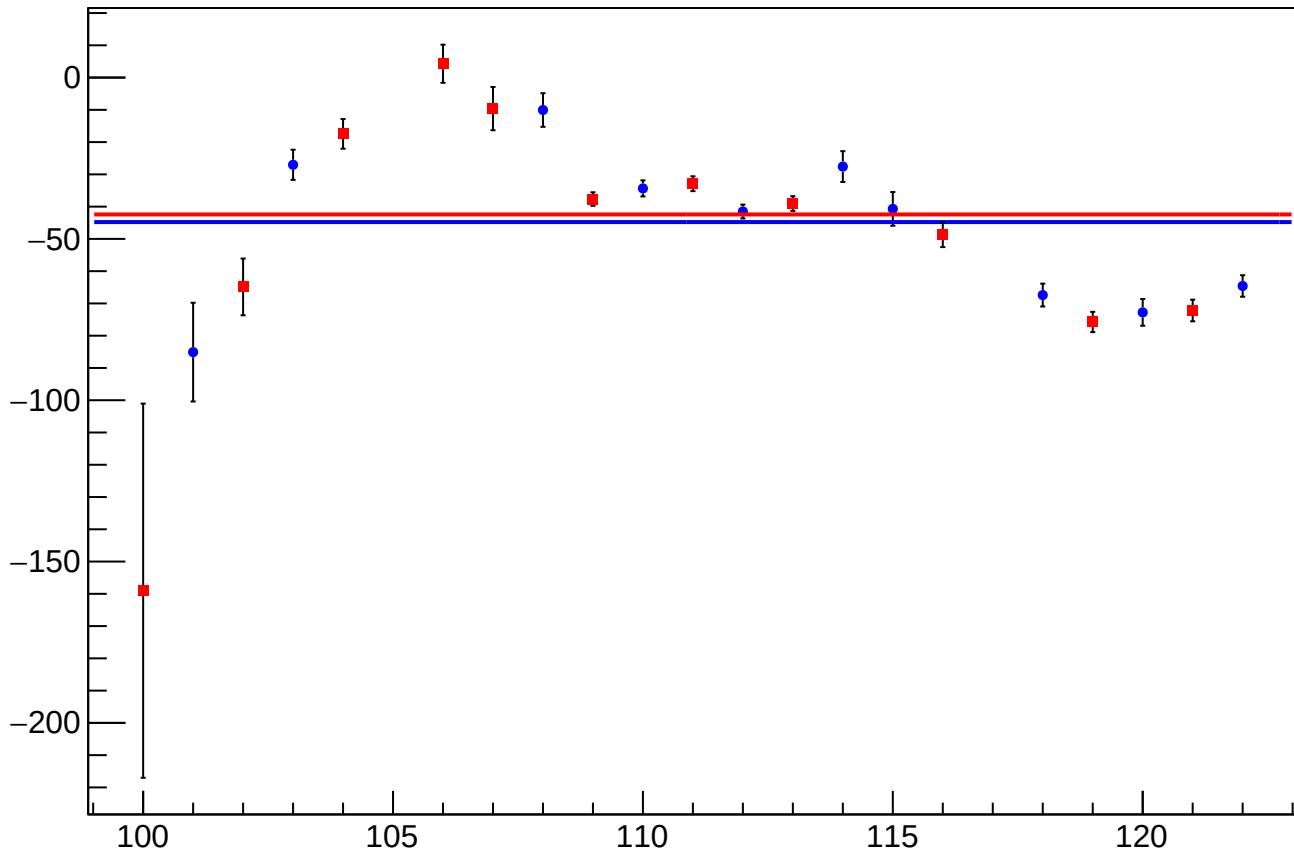
Right: -209.491+/-0.120 χ^2/NDF : 68581.5/20

In: -212.605+/-0.177 χ^2/NDF : 54630.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -209.491+/-0.120 χ^2/NDF : 68581.5/20

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: -42.424 ± 1.010 χ^2/NDF : 345.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

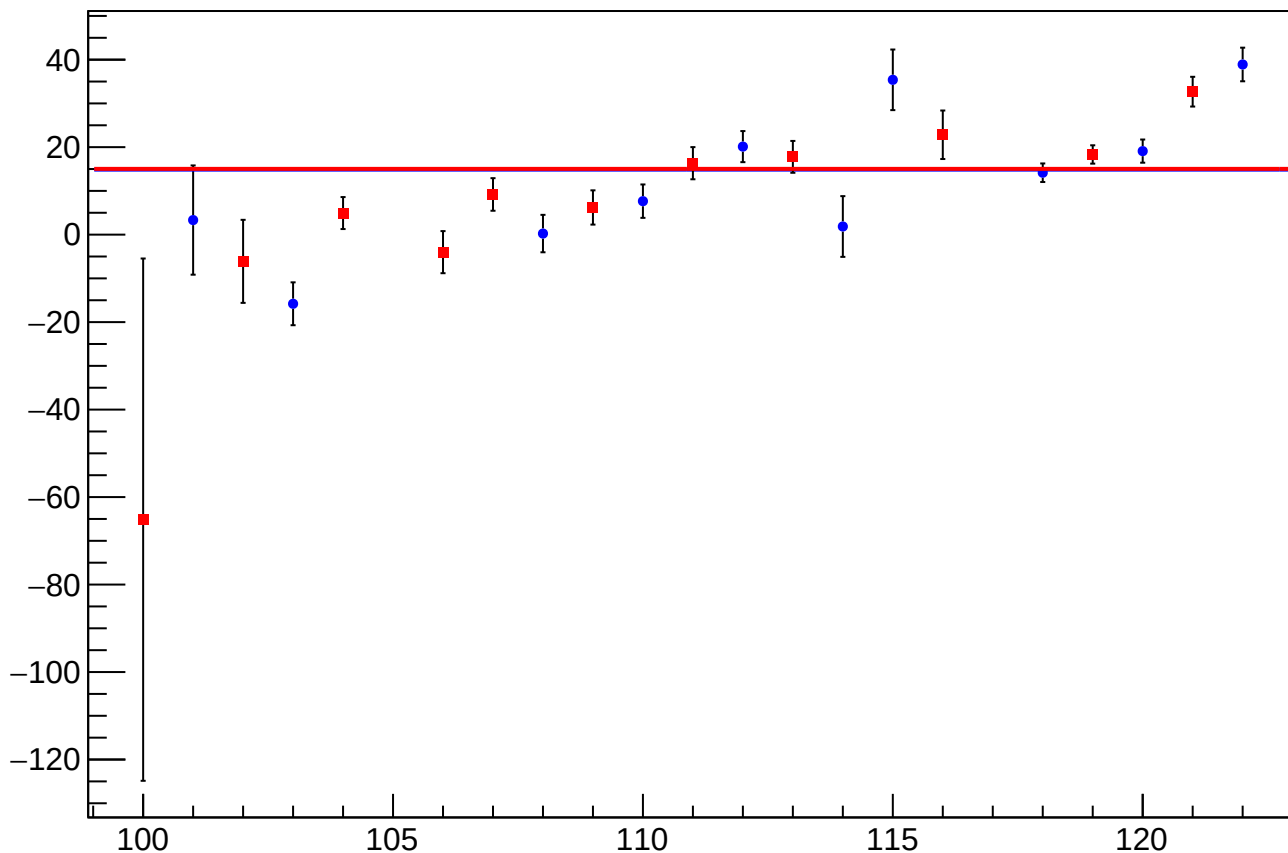
Right: -43.465 ± 0.755 χ^2/NDF : 568.5/20

In: -44.783 ± 1.137 χ^2/NDF : 221.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.465 ± 0.755 χ^2/NDF : 568.5/20

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.868 $\pm$ 1.175 χ^2 /NDF: 111.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.035 $\pm$ 1.145 χ^2 /NDF: 69.7/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

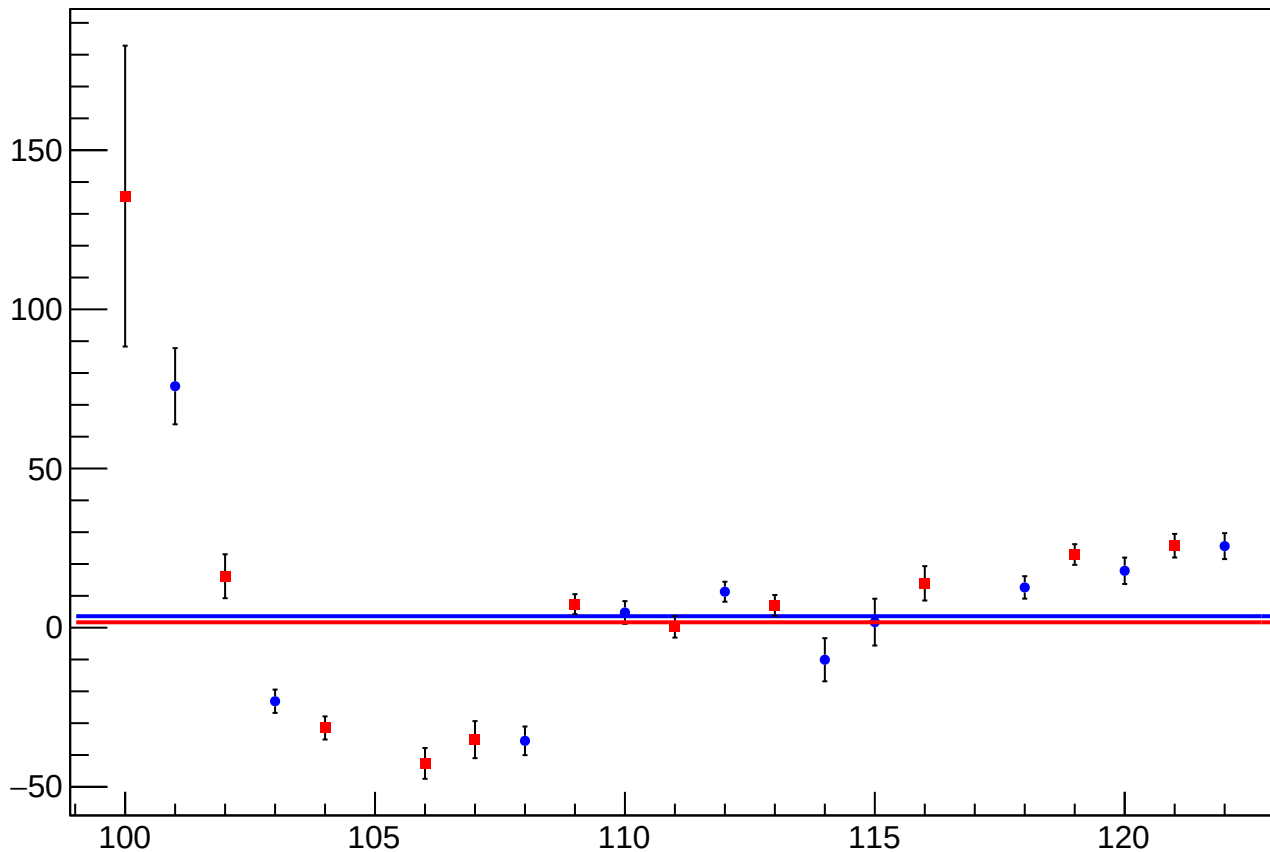
Right: 14.953 $\pm$ 0.820 χ^2 /NDF: 181.2/20

In: 14.868 $\pm$ 1.175 χ^2 /NDF:111.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.953 $\pm$ 0.820 χ^2 /NDF: 181.2/20

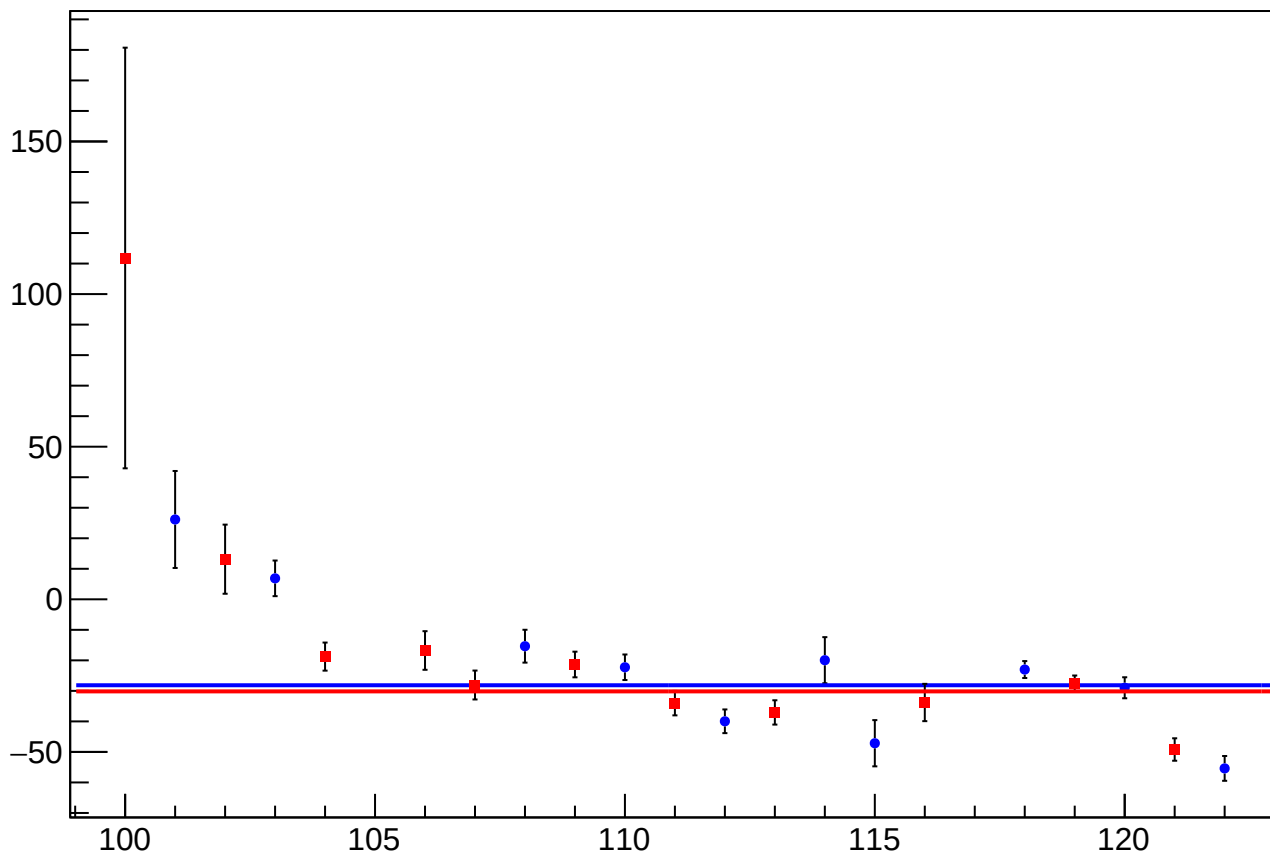
reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 1.691+/-1.236 χ^2/NDF : 316.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.565+/-0.911 χ^2/NDF : 541.1/20
 In: 3.605+/-1.349 χ^2/NDF : 223.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.565+/-0.911 χ^2/NDF : 541.1/20

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.157 ± 1.412 χ^2/NDF : 120.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.166 ± 1.353 χ^2/NDF : 66.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

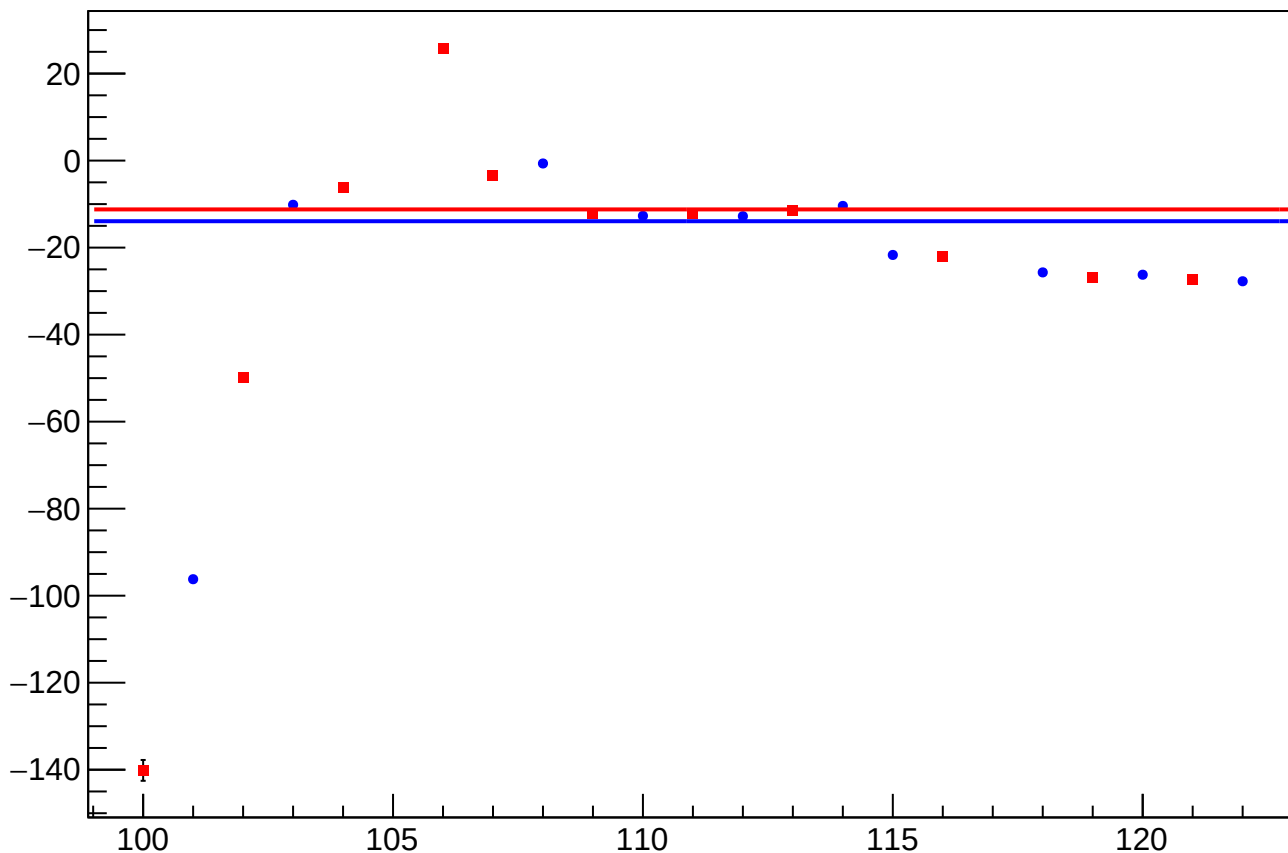
Right: -29.204 ± 0.977 χ^2/NDF : 187.7/20

In: -28.157 ± 1.412 χ^2/NDF : 120.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.204 ± 0.977 χ^2/NDF : 187.7/20

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: -11.220+/-0.078 χ^2/NDF : 54429.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

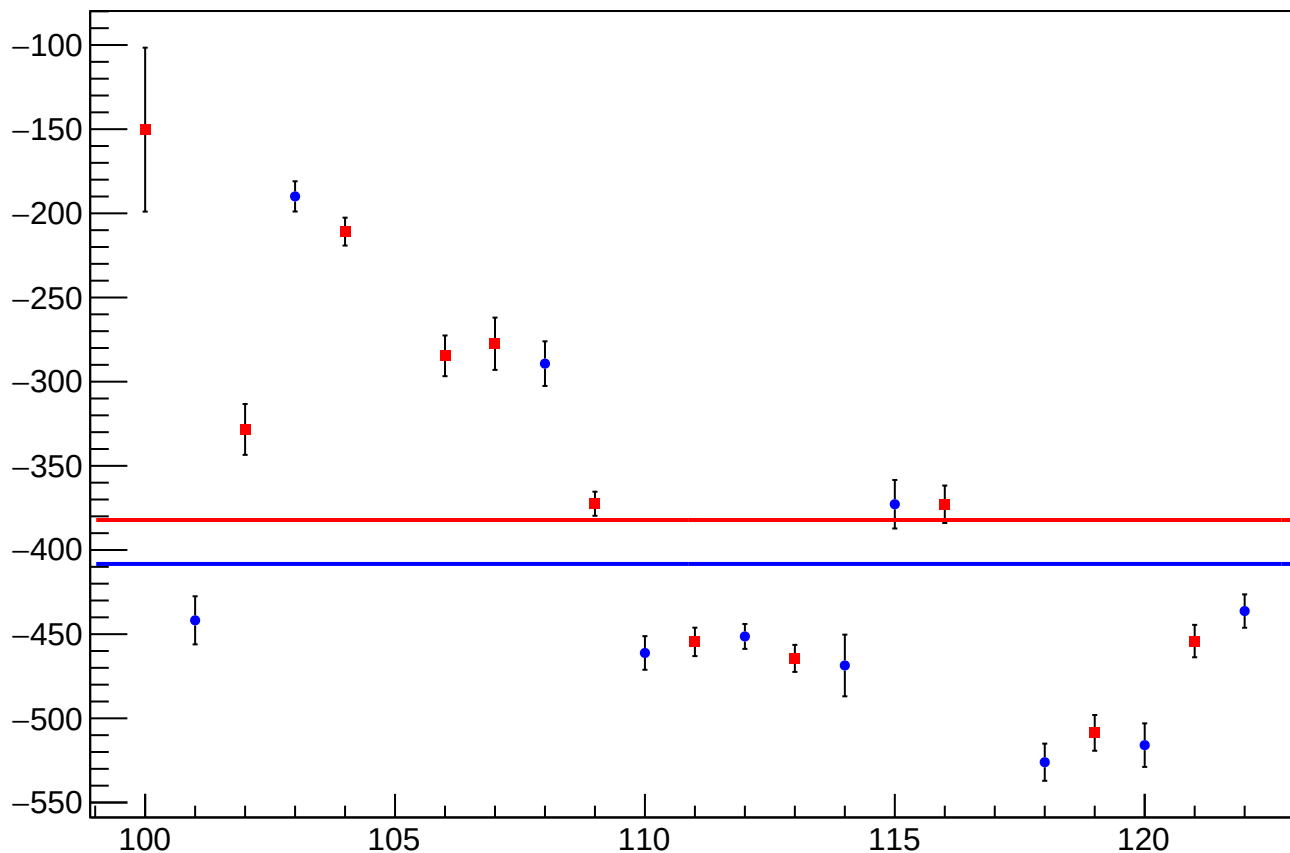
Right: -12.483+/-0.057 χ^2/NDF : 79852.7/20

In: -13.933+/-0.084 χ^2/NDF :24862.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.483+/-0.057 χ^2/NDF : 79852.7/20

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: -382.185+/-3.055 χ^2/NDF : 950.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

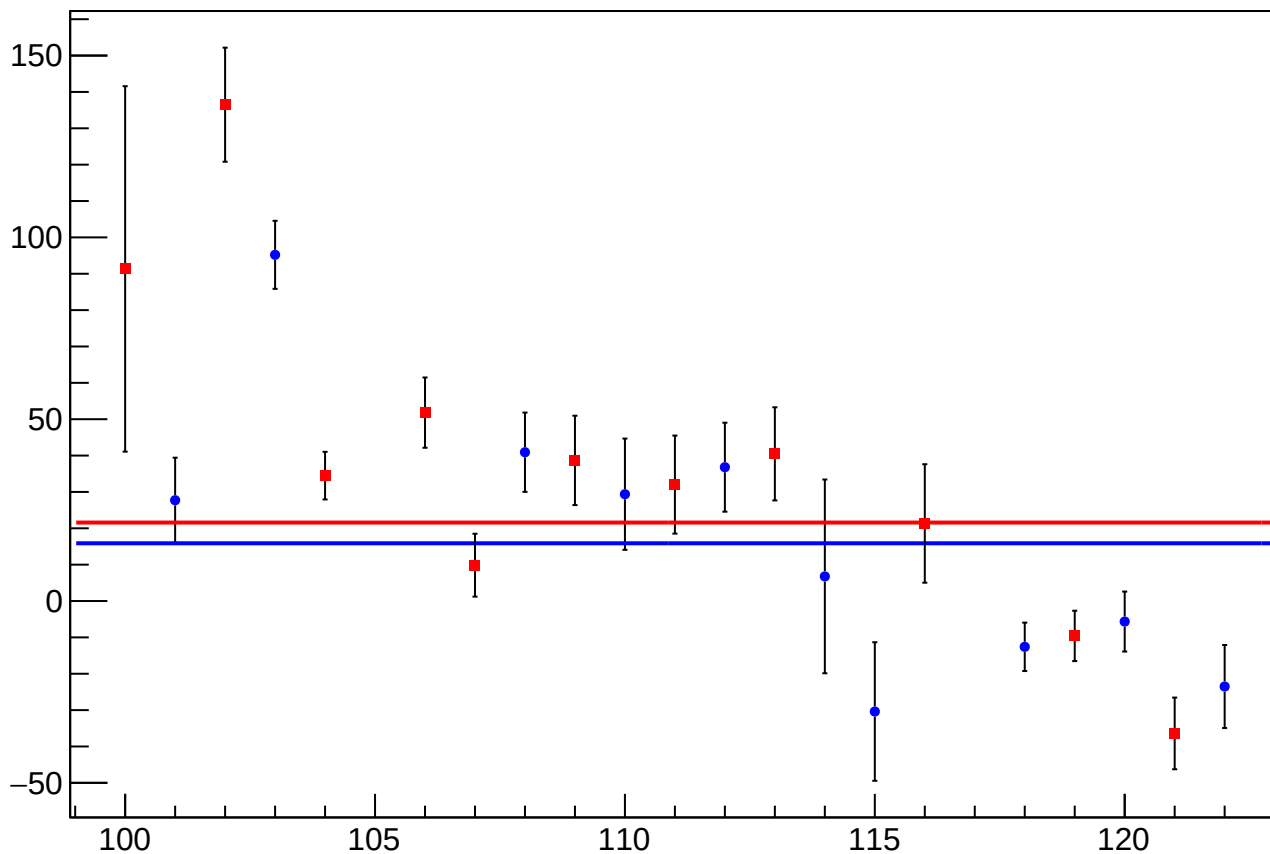
Right: -393.611+/-2.291 χ^2/NDF : 1930.4/20

In: -408.277+/-3.462 χ^2/NDF :947.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -393.611+/-2.291 χ^2/NDF : 1930.4/20

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: 21.581+/-3.086 χ^2/NDF : 130.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

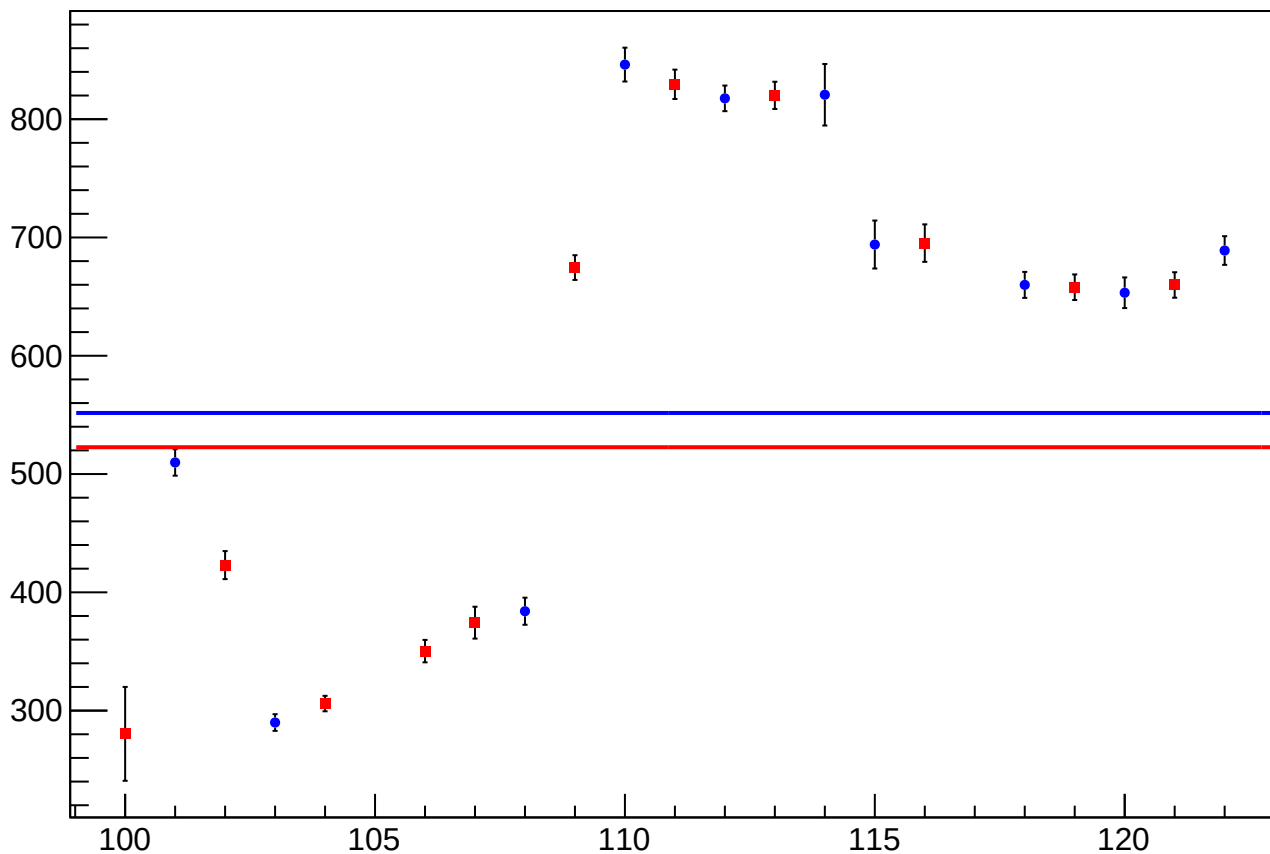
Right: 18.994+/-2.281 χ^2/NDF : 257.2/20

In: 15.879+/-3.386 χ^2/NDF : 125.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.994+/-2.281 χ^2/NDF : 257.2/20

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: 522.672+/-3.295 χ^2/NDF : 3585.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

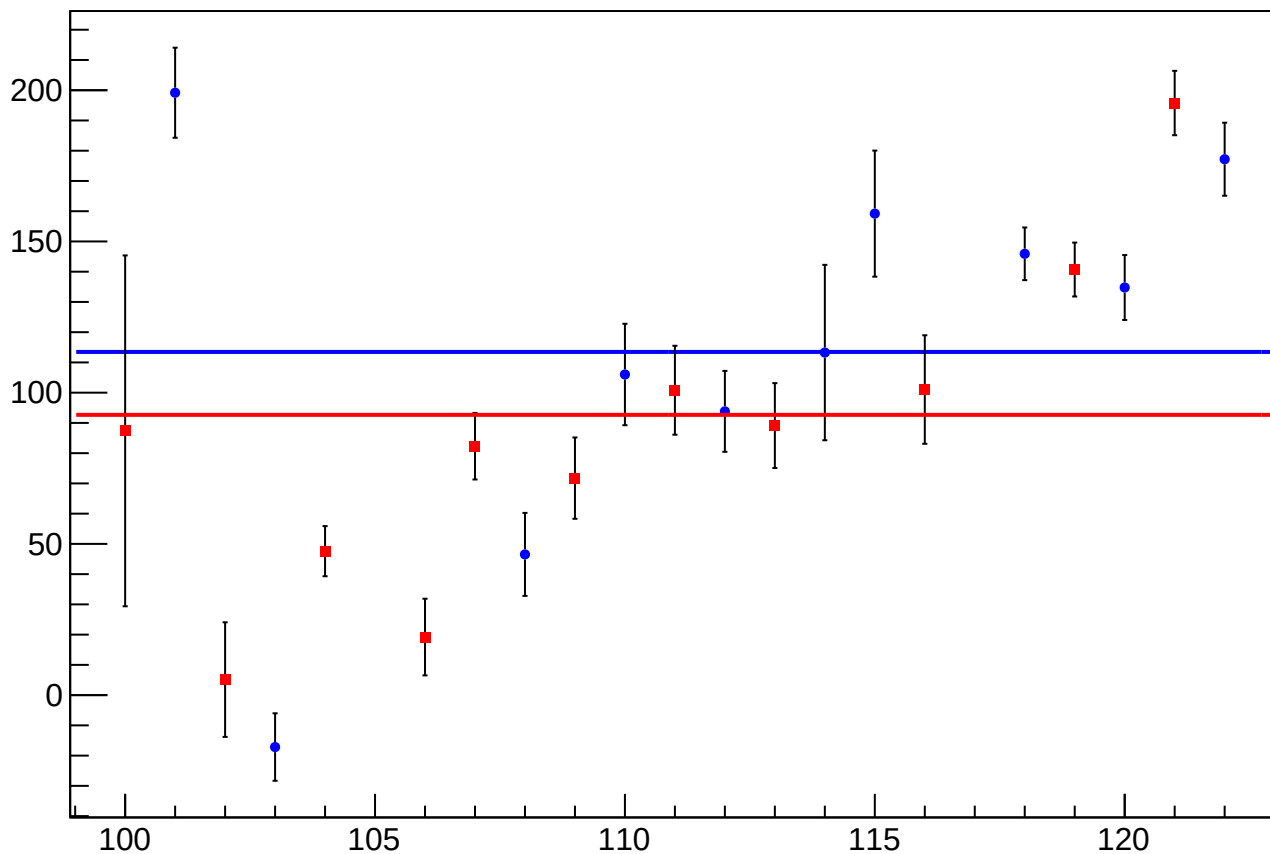
Right: 535.585+/-2.453 χ^2/NDF : 6697.7/20

In: 551.636+/-3.673 χ^2/NDF :3077.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 535.585+/-2.453 χ^2/NDF : 6697.7/20

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: 92.672+/-3.729 χ^2/NDF : 211.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

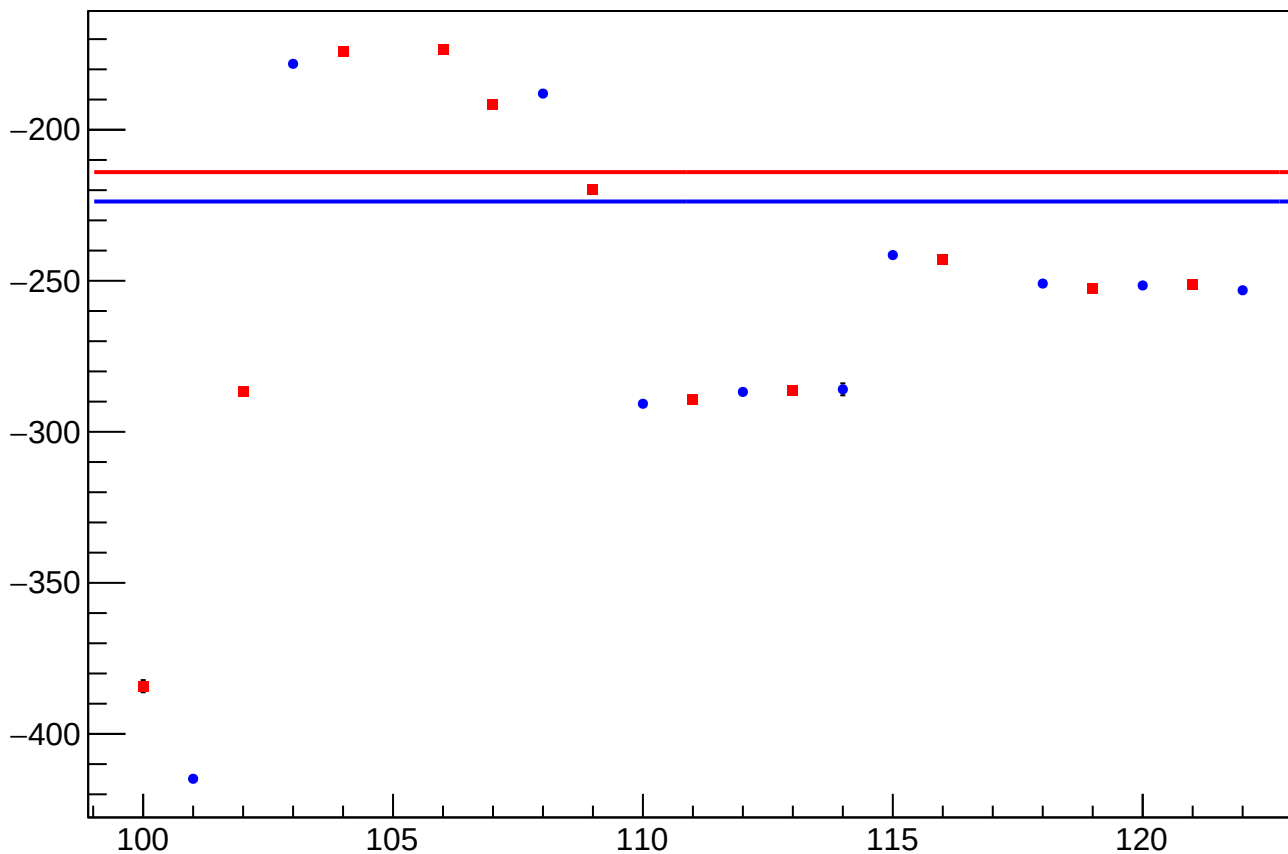
Right: 102.066+/-2.761 χ^2/NDF : 472.2/20

In: 113.473+/-4.109 χ^2/NDF : 246.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.066+/-2.761 χ^2/NDF : 472.2/20

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: -214.026+/-0.186 χ^2/NDF : 68169.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

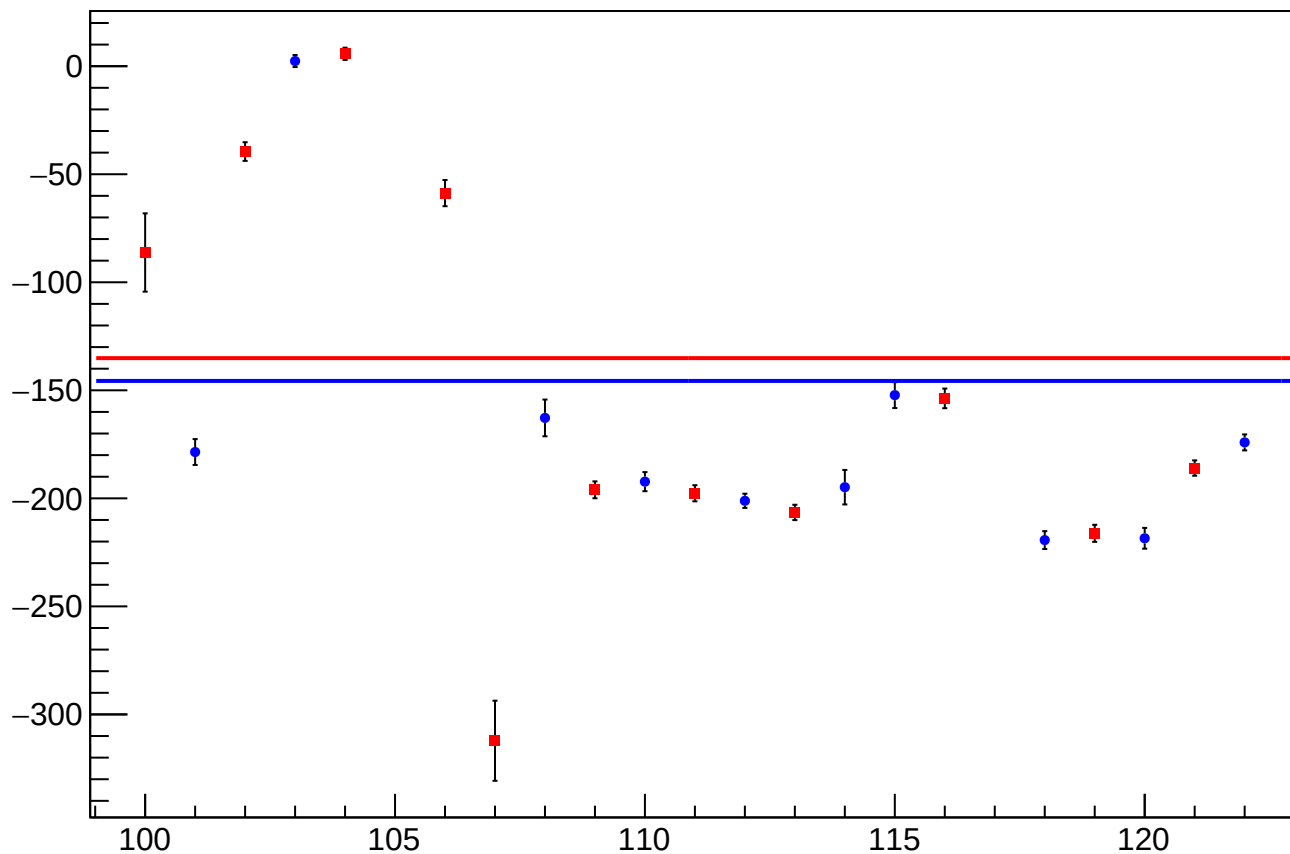
Right: -218.501+/-0.137 χ^2/NDF : 193665.7/20

In: -223.749+/-0.202 χ^2/NDF : 124244.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.501+/-0.137 χ^2/NDF : 193665.7/20

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: -135.107+/-1.270 χ^2/NDF : 4780.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

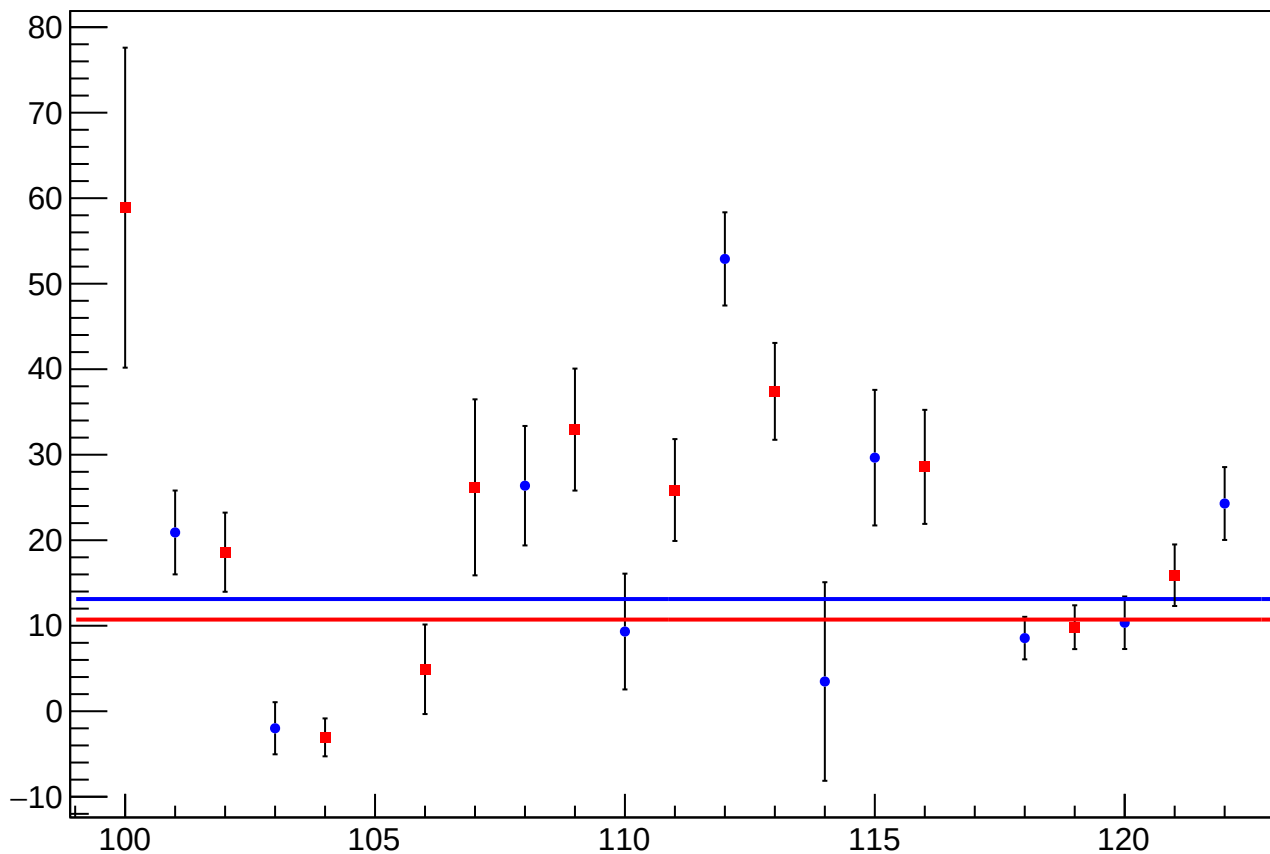
Right: -139.987+/-0.931 χ^2/NDF : 8725.4/20

In: -145.660+/-1.370 χ^2/NDF : 3912.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.987+/-0.931 χ^2/NDF : 8725.4/20

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.120 $\pm$ 1.323 χ^2 /NDF: 100.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.720 $\pm$ 1.260 χ^2 /NDF: 99.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

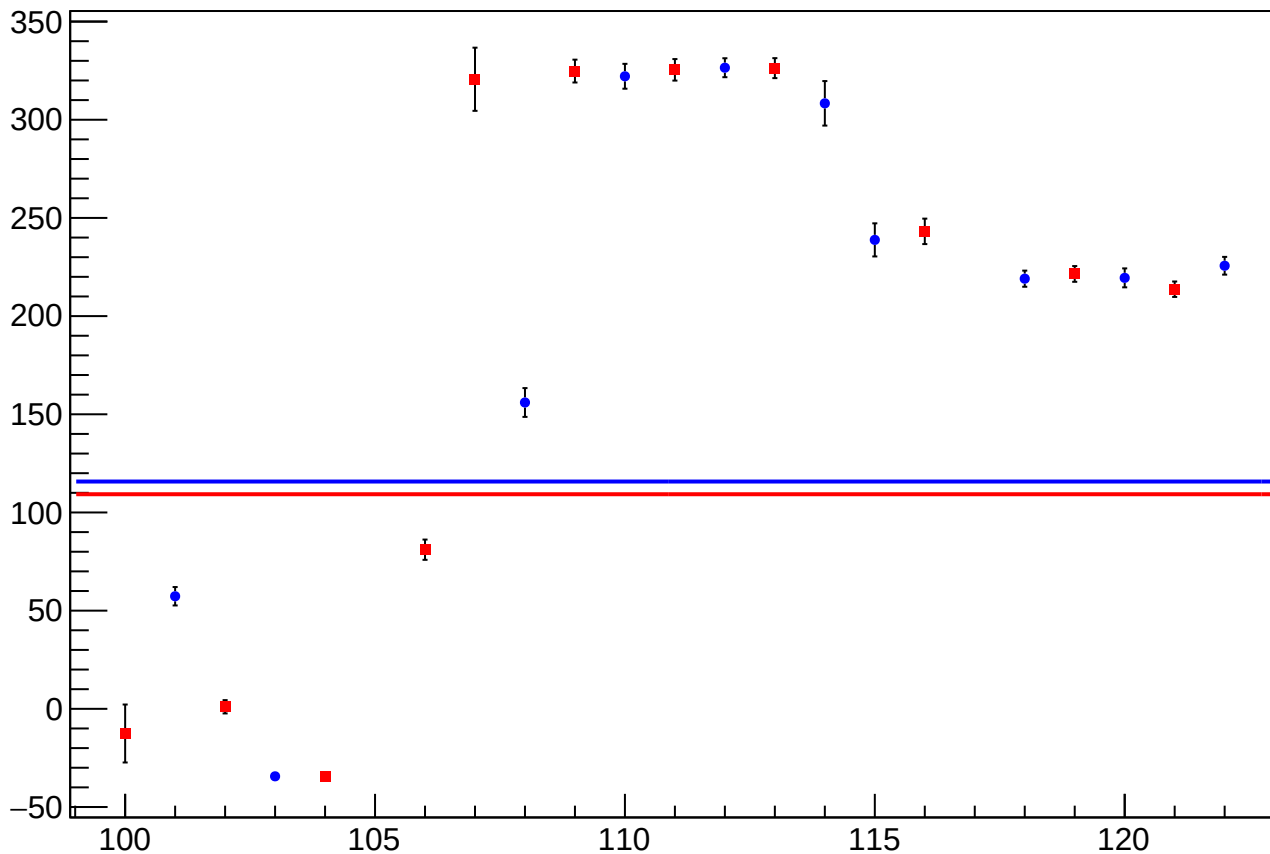
Right: 11.862 $\pm$ 0.912 χ^2 /NDF: 201.5/20

In: 13.120 $\pm$ 1.323 χ^2 /NDF:100.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.862 $\pm$ 0.912 χ^2 /NDF: 201.5/20

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: 109.286+/-1.308 χ^2/NDF : 12068.6/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

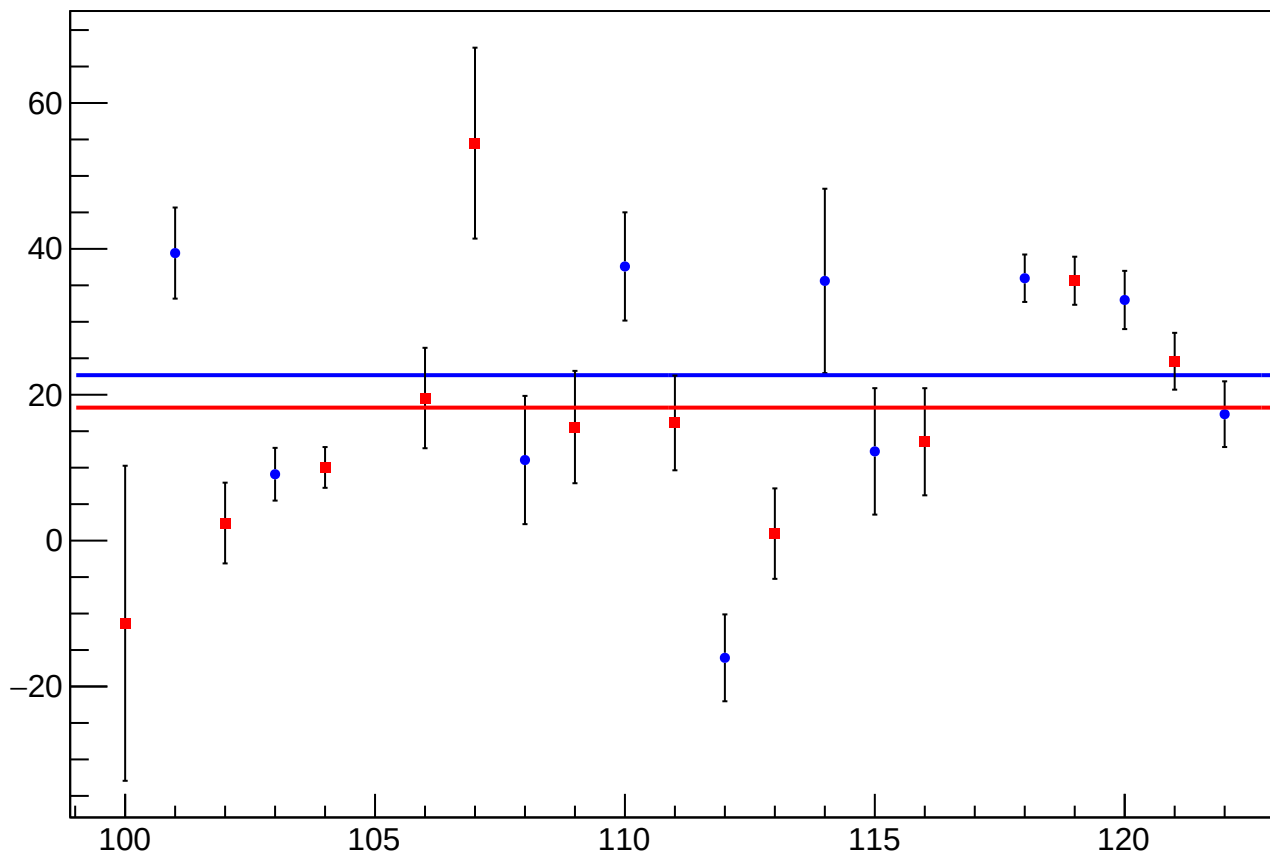
Right: 112.316+/-0.954 χ^2/NDF : 22149.2/20

In: 115.757+/-1.394 χ^2/NDF :10069.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 112.316+/-0.954 χ^2/NDF : 22149.2/20

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: 18.234+/-1.520 χ^2/NDF : 65.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

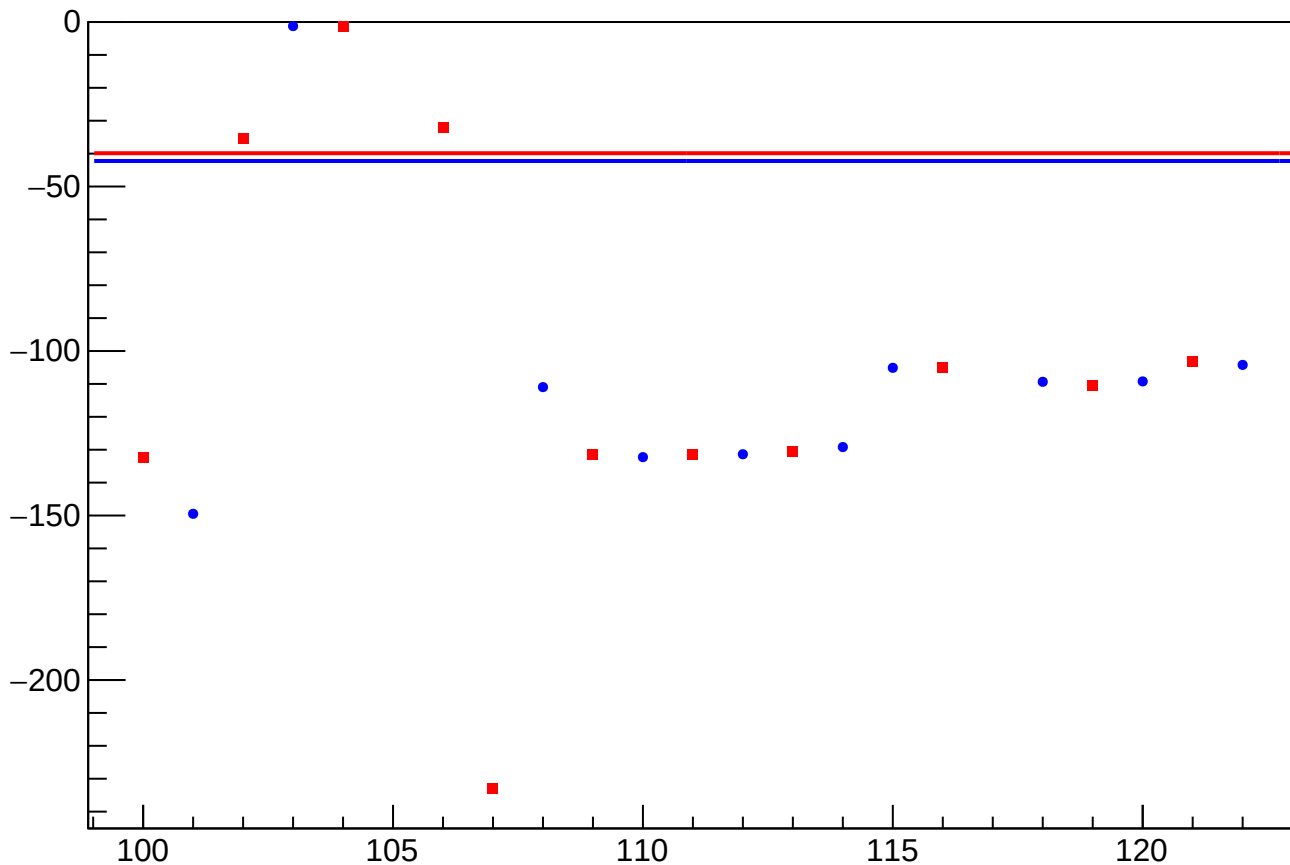
Right: 20.335+/-1.104 χ^2/NDF : 166.0/20

In: 22.683+/-1.606 χ^2/NDF : 96.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.335+/-1.104 χ^2/NDF : 166.0/20

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: -39.877+/-0.069 χ^2/NDF : 491149.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

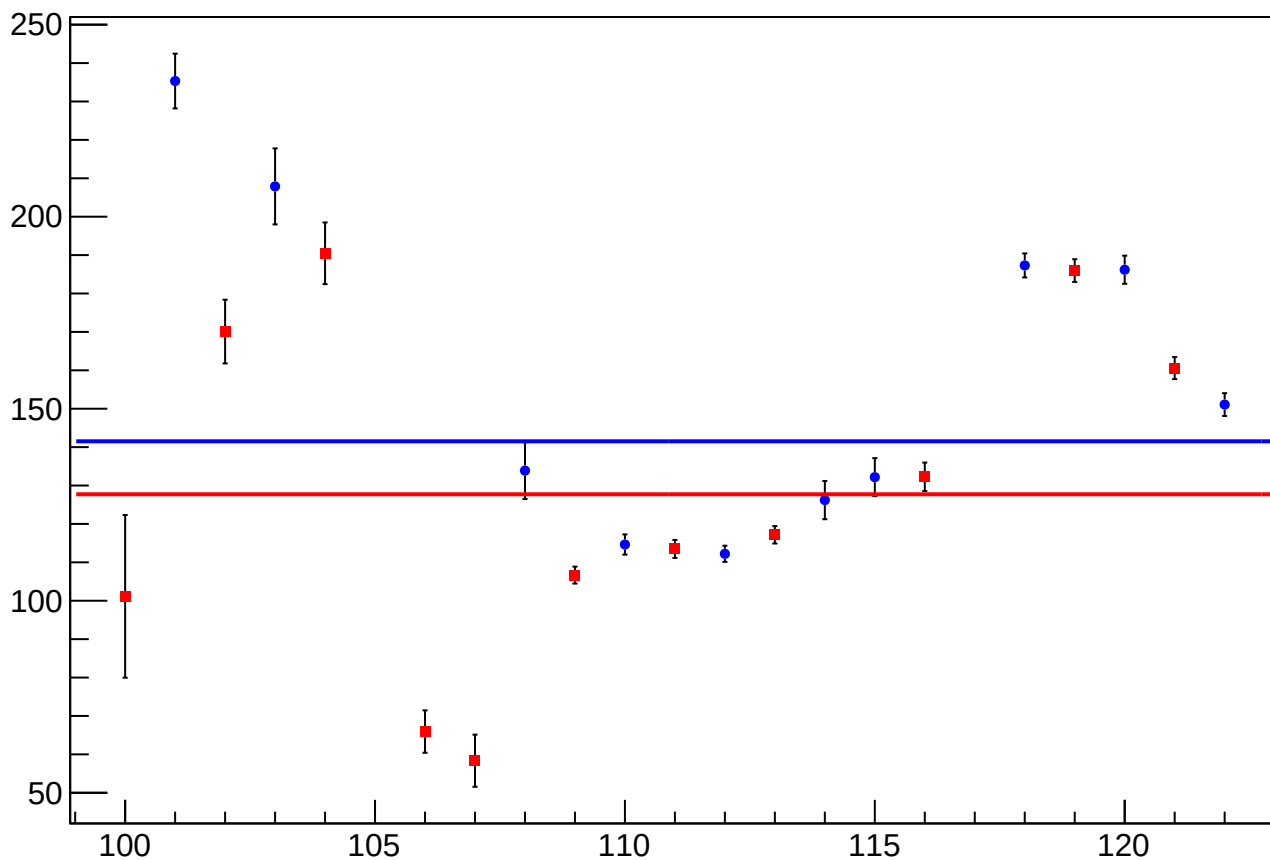
Right: -40.993+/-0.050 χ^2/NDF : 1107329.8/20

In: -42.243+/-0.074 χ^2/NDF : 615632.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.993+/-0.050 χ^2/NDF : 1107329.8/20

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: 127.722+/-1.011 χ^2/NDF : 988.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

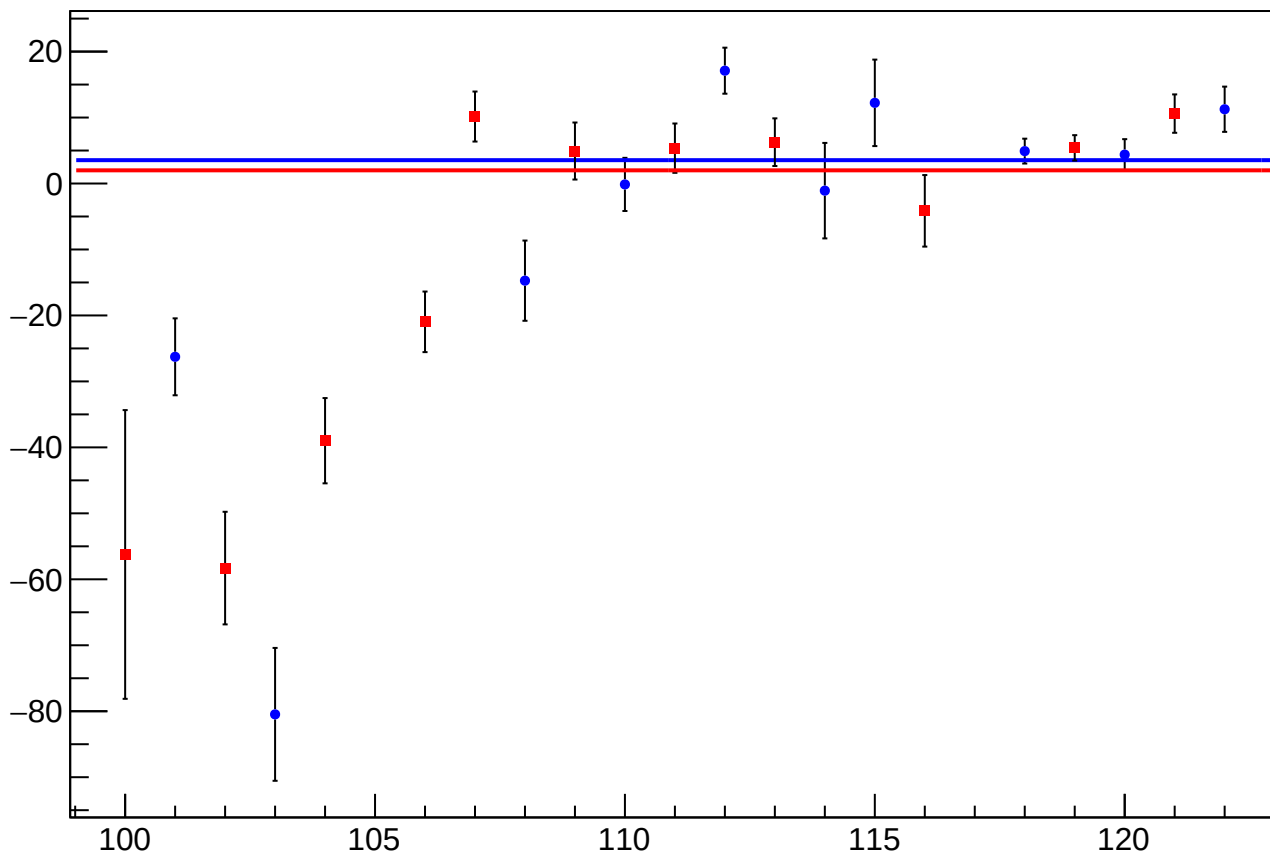
Right: 133.876+/-0.752 χ^2/NDF : 1974.3/20

In: 141.513+/-1.126 χ^2/NDF : 902.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.876+/-0.752 χ^2/NDF : 1974.3/20

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: 1.998+/-1.132 χ^2/NDF : 142.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

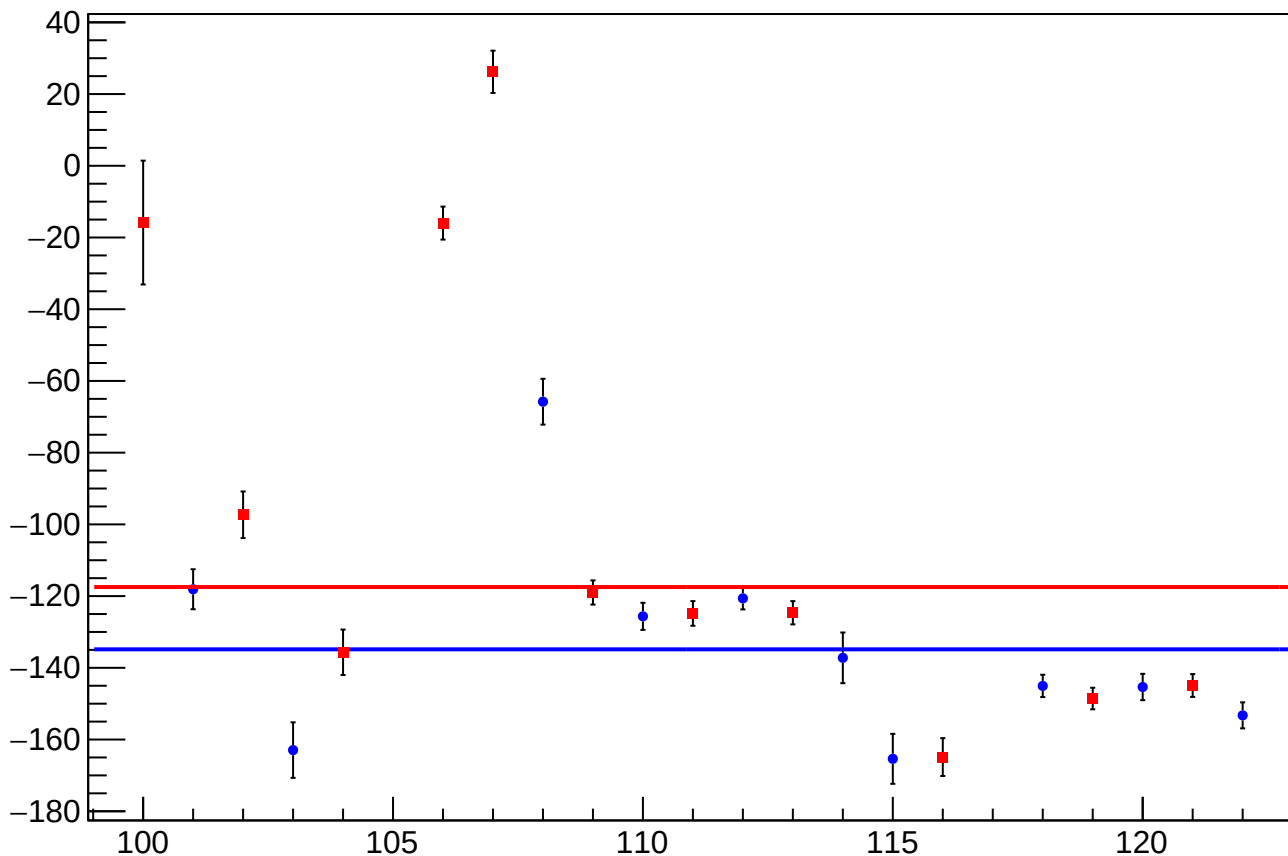
Right: 2.779+/-0.795 χ^2/NDF : 272.2/20

In: 3.539+/-1.117 χ^2/NDF : 128.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.779+/-0.795 χ^2/NDF : 272.2/20

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: -117.475+/-1.249 χ^2/NDF : 1405.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

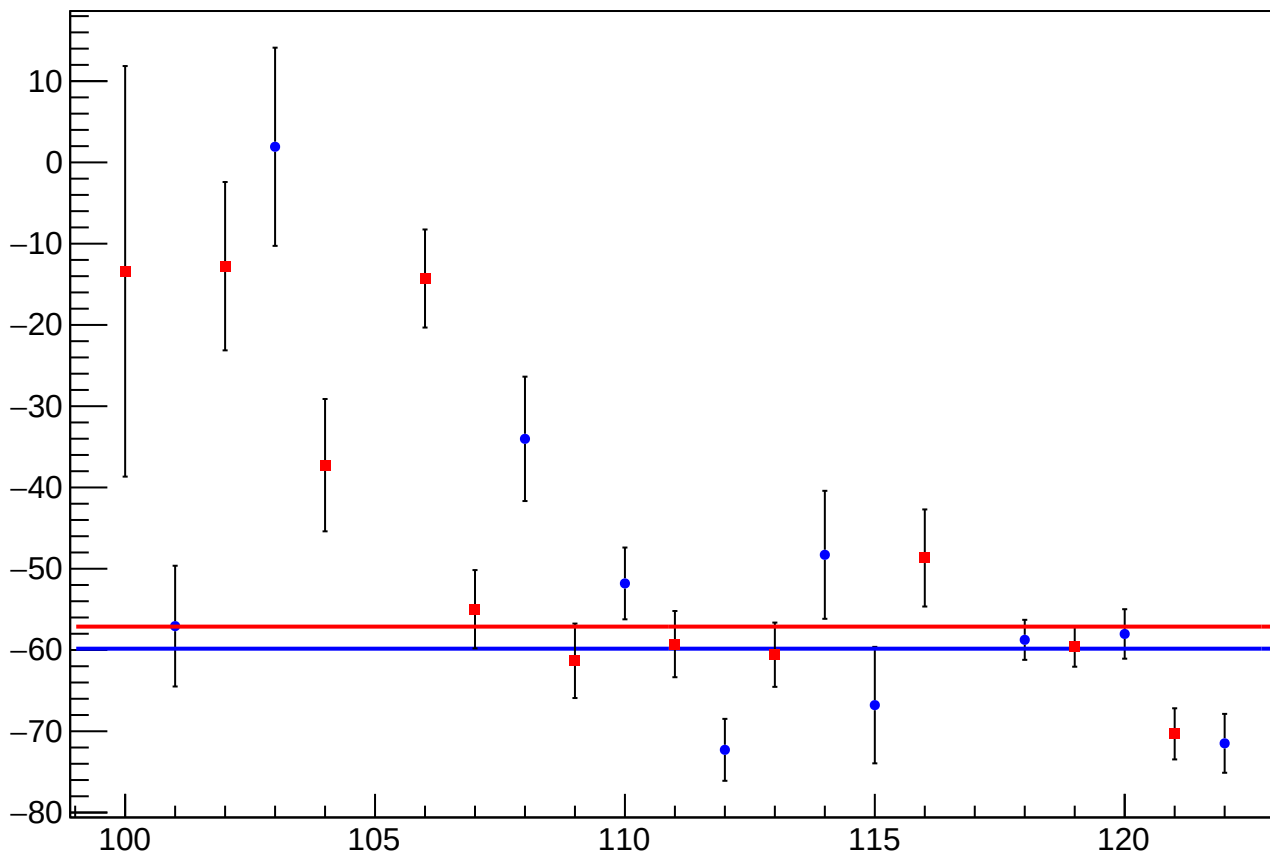
Right: -125.436+/-0.919 χ^2/NDF : 1724.6/20

In: -134.848+/-1.358 χ^2/NDF : 230.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -125.436+/-0.919 χ^2/NDF : 1724.6/20

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: -57.122+/-1.335 χ^2/NDF : 100.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

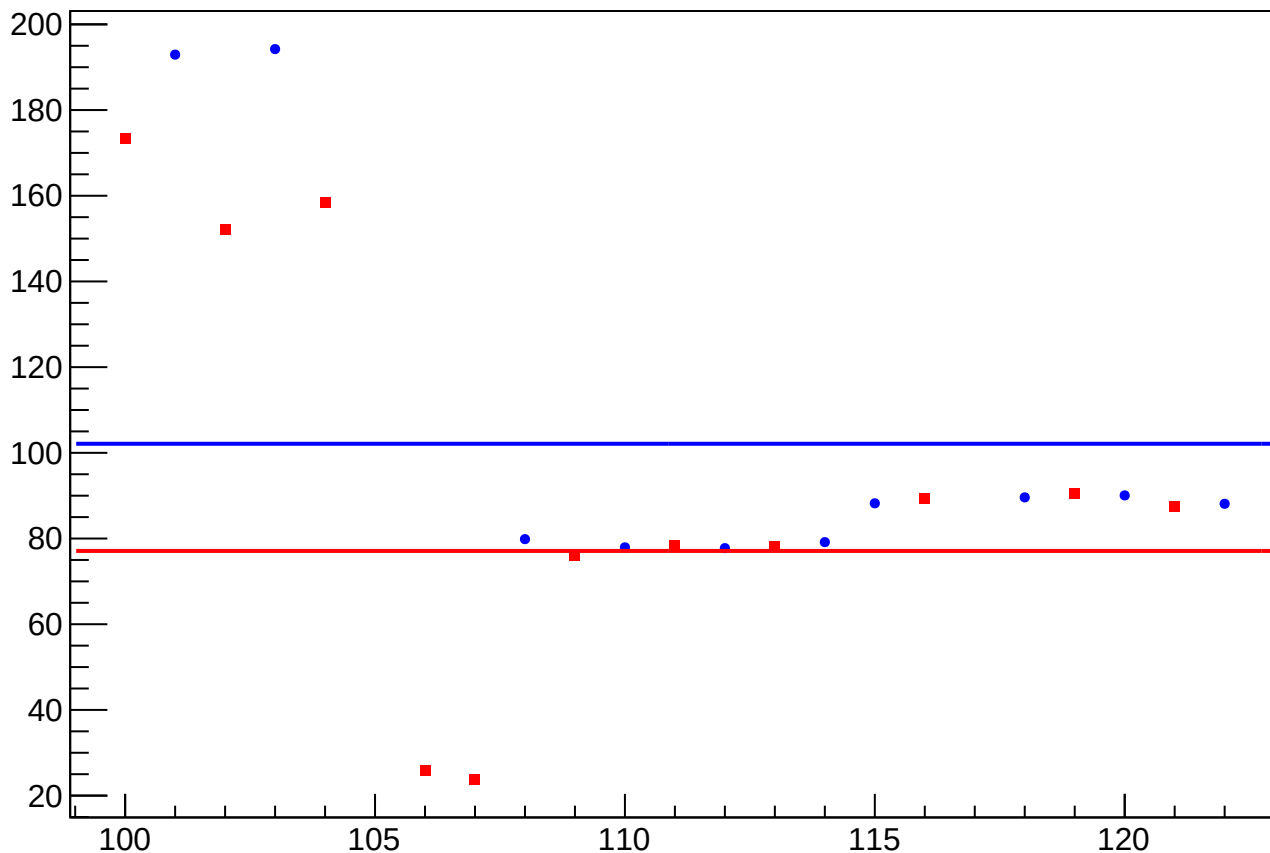
Right: -58.463+/-0.950 χ^2/NDF : 167.5/20

In: -59.838+/-1.352 χ^2/NDF : 65.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.463+/-0.950 χ^2/NDF : 167.5/20

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 102.118 $\pm$ 0.096 χ^2 /NDF: 184422.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.107 $\pm$ 0.081 χ^2 /NDF: 280308.8/10

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

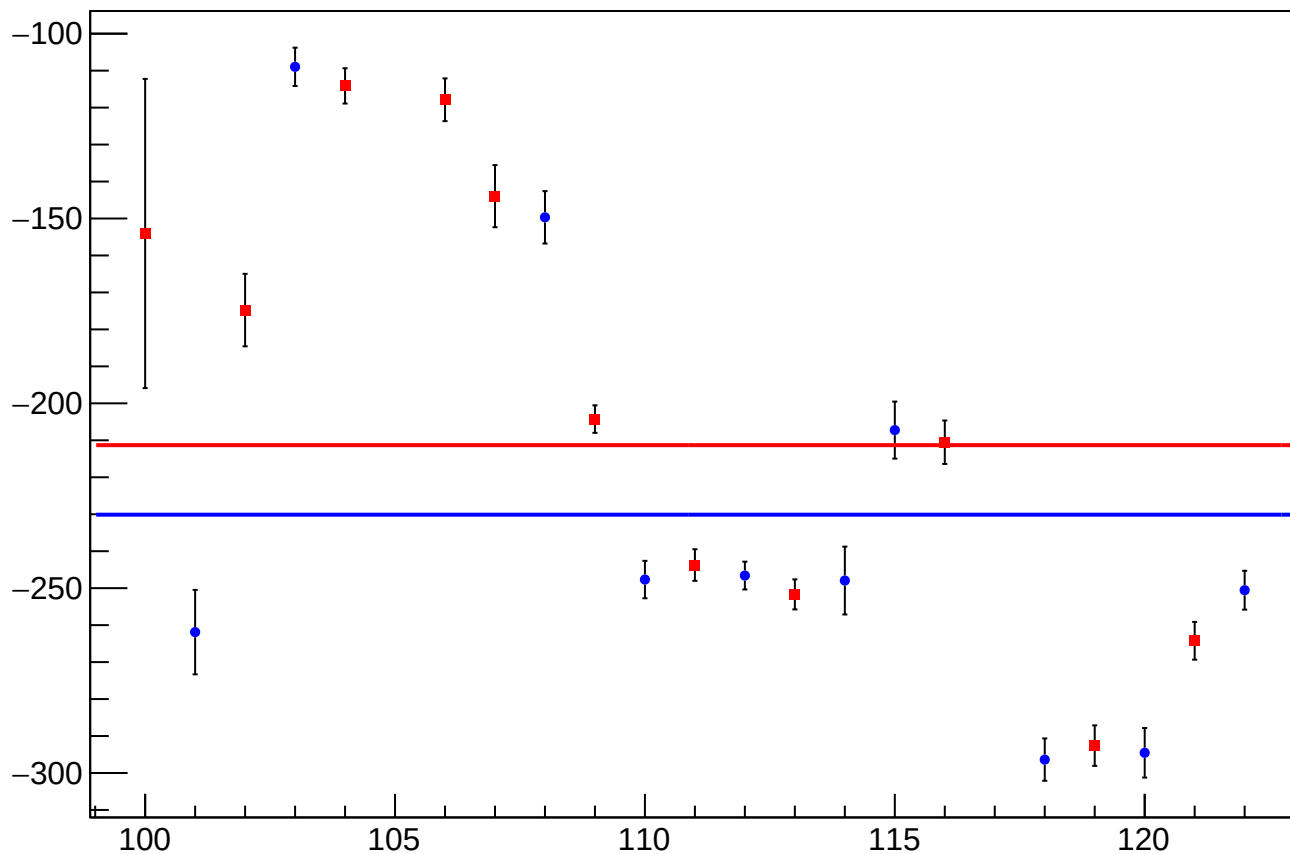
Right: 87.502 $\pm$ 0.062 χ^2 /NDF: 504593.6/20

In: 102.118 $\pm$ 0.096 χ^2 /NDF:184422.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 87.502 $\pm$ 0.062 χ^2 /NDF: 504593.6/20

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: -211.313+/-1.608 χ^2/NDF : 1243.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

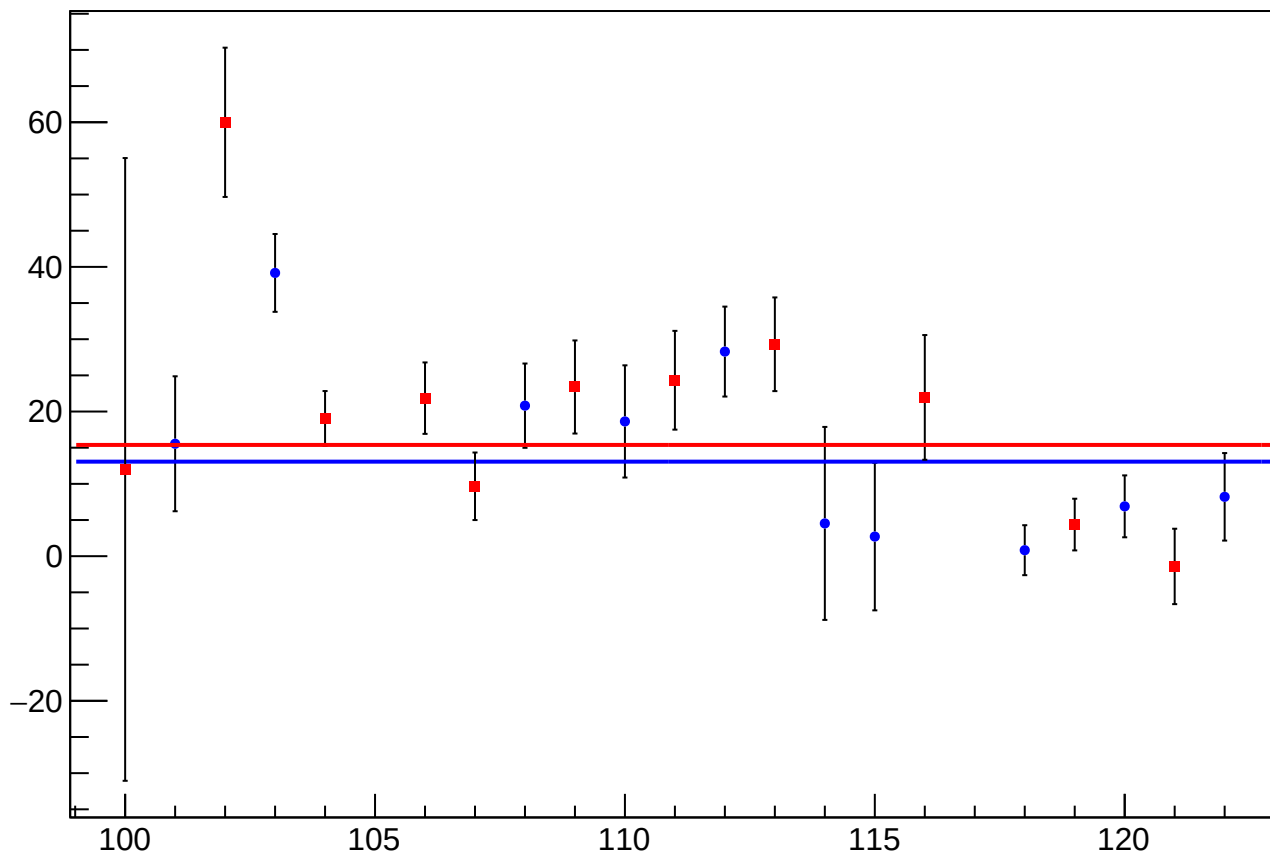
Right: -219.407+/-1.213 χ^2/NDF : 2270.1/20

In: -230.123+/-1.850 χ^2/NDF :968.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -219.407+/-1.213 χ^2/NDF : 2270.1/20

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: 15.382+/-1.656 χ^2/NDF : 51.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

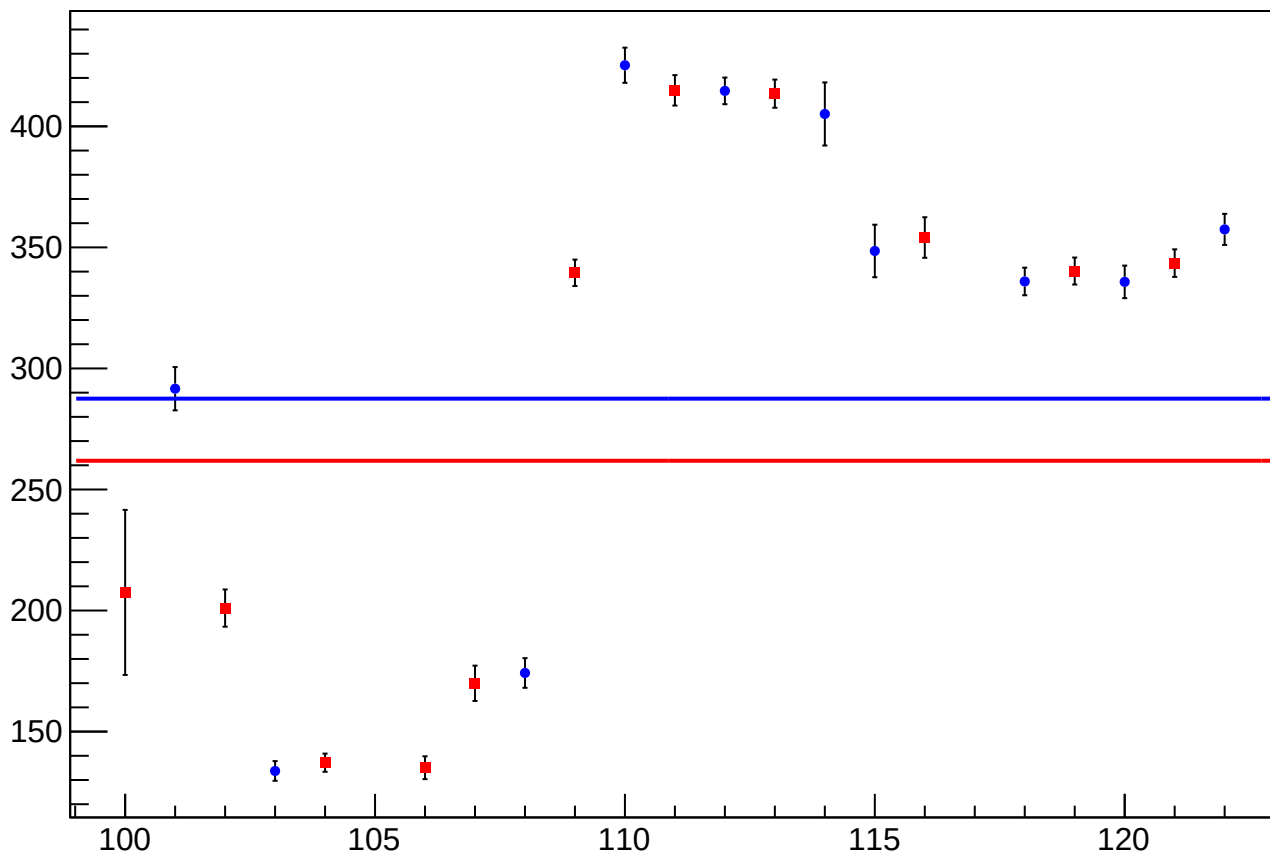
Right: 14.341+/-1.228 χ^2/NDF : 100.7/20

In: 13.071+/-1.829 χ^2/NDF : 48.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.341+/-1.228 χ^2/NDF : 100.7/20

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: 261.869+/-1.774 χ^2/NDF : 4045.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

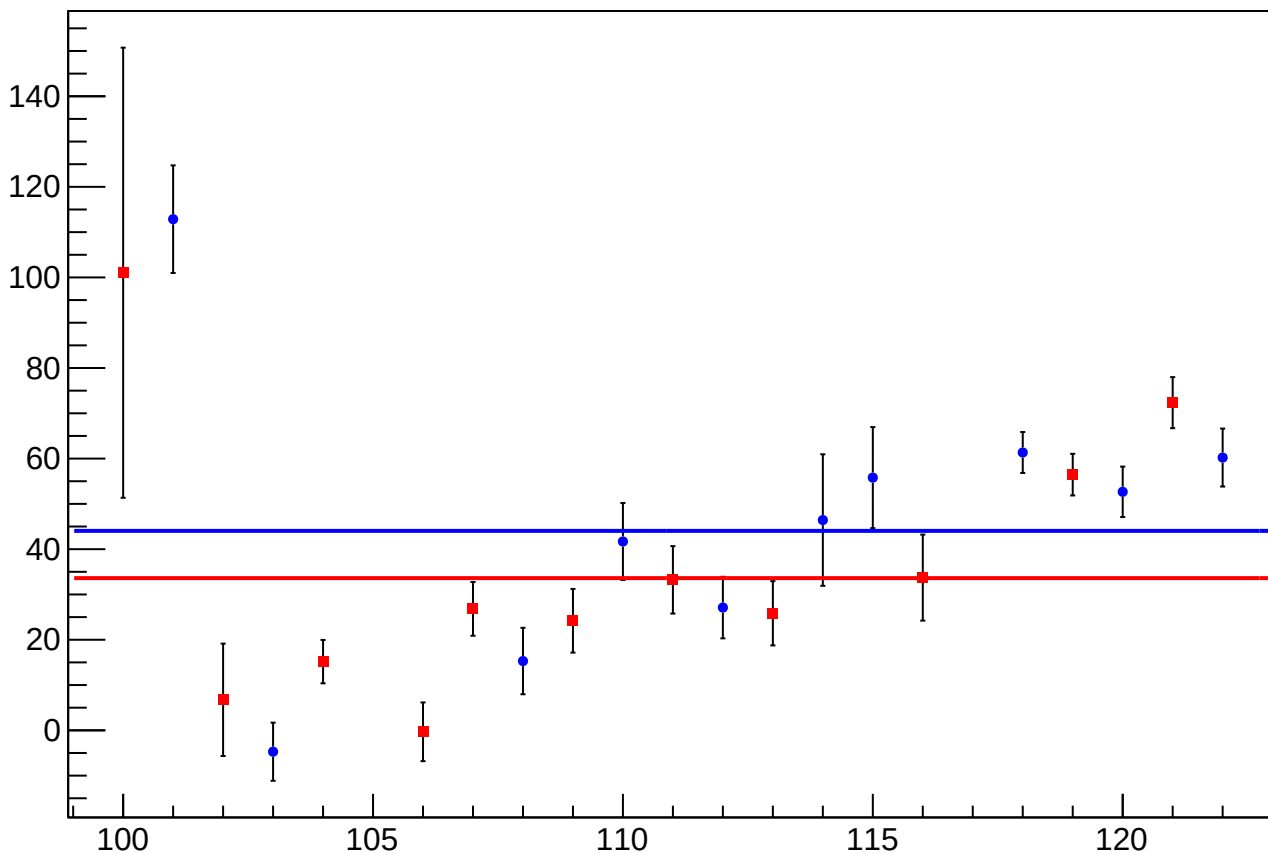
Right: 272.990+/-1.335 χ^2/NDF : 7157.7/20

In: 287.528+/-2.028 χ^2/NDF : 3021.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.990+/-1.335 χ^2/NDF : 7157.7/20

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: 33.609+/-1.997 χ^2/NDF : 125.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

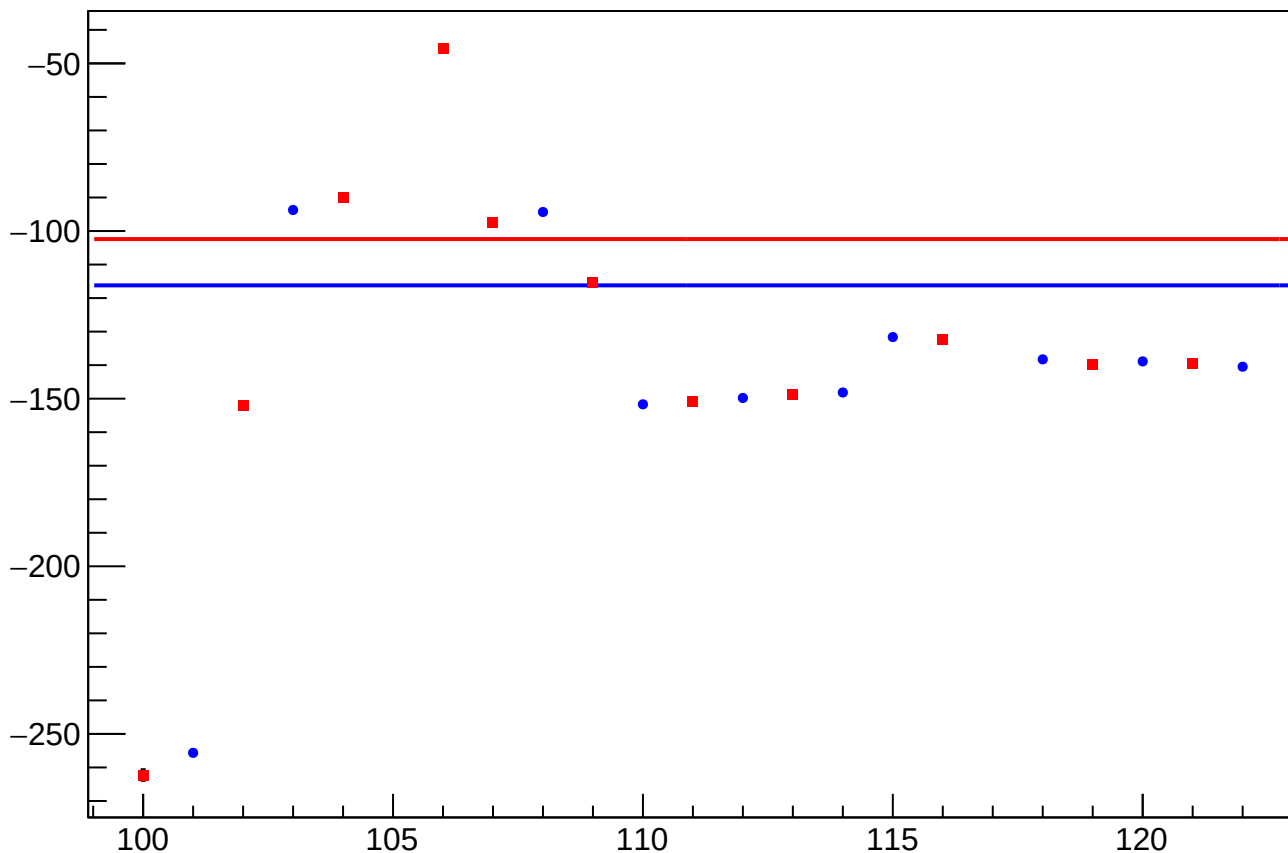
Right: 38.286+/-1.483 χ^2/NDF : 274.8/20

In: 44.039+/-2.215 χ^2/NDF : 137.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.286+/-1.483 χ^2/NDF : 274.8/20

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: -102.406+/-0.101 χ^2/NDF : 132781.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

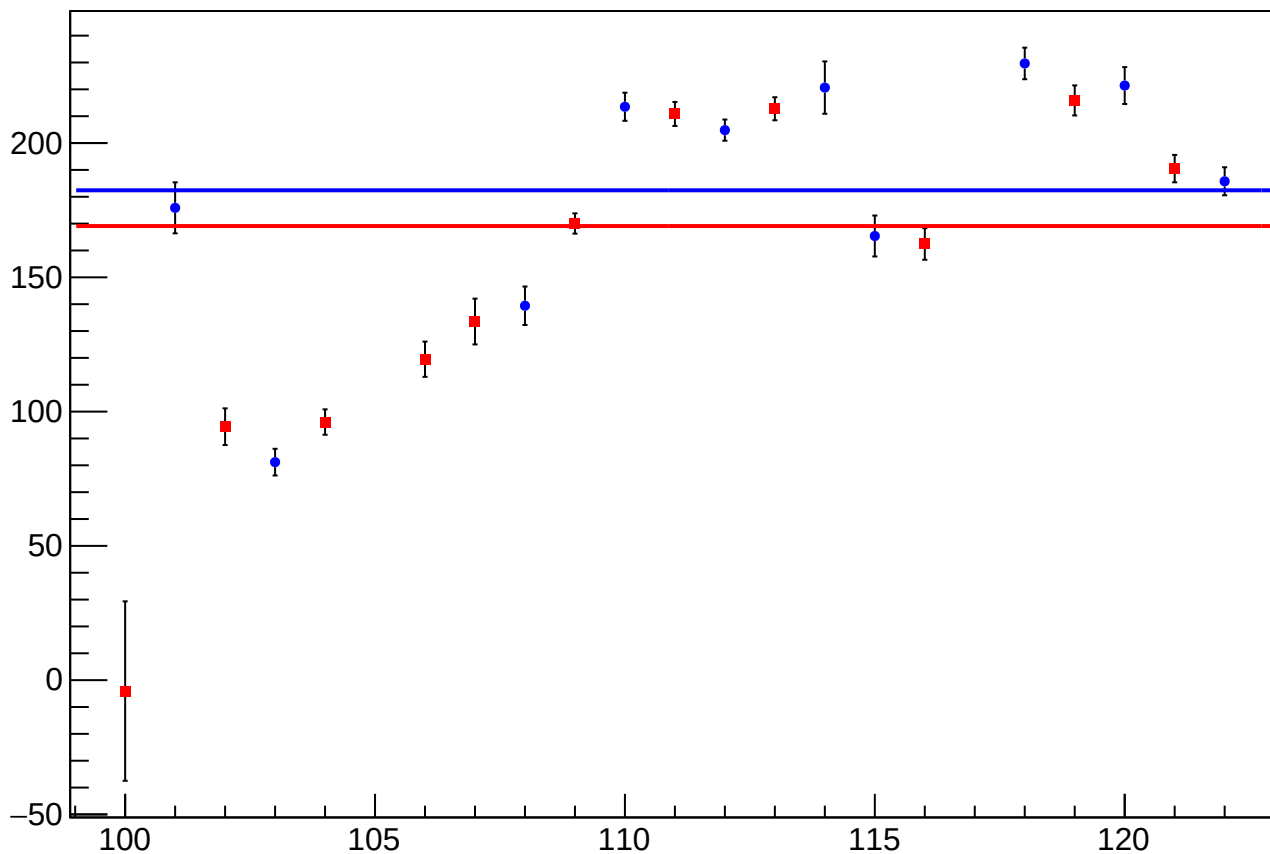
Right: -108.477+/-0.075 χ^2/NDF : 252707.1/20

In: -116.204+/-0.114 χ^2/NDF :111681.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -108.477+/-0.075 χ^2/NDF : 252707.1/20

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 182.407 $\pm$ 1.868 χ^2 /NDF: 636.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 169.095 $\pm$ 1.627 χ^2 /NDF: 738.2/10

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

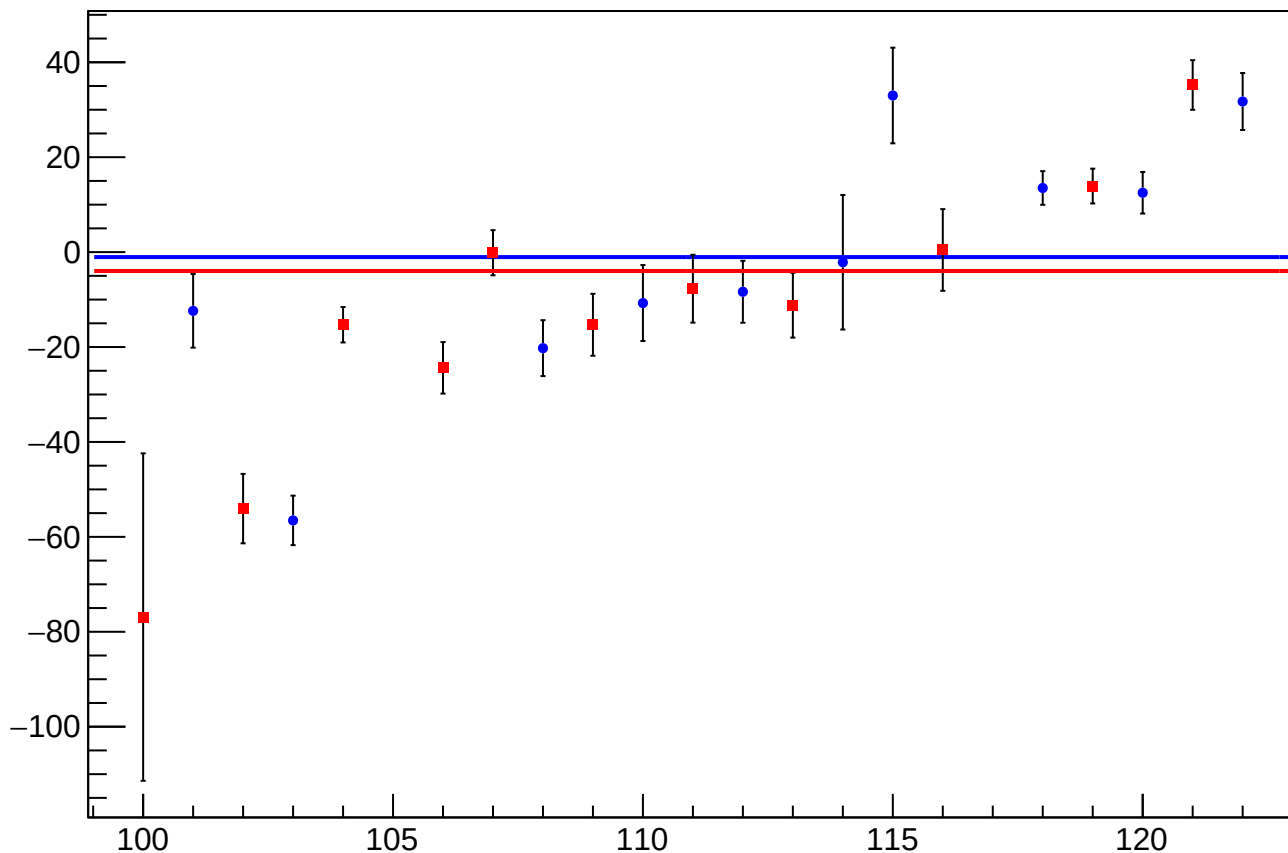
Right: 174.837 $\pm$ 1.227 χ^2 /NDF: 1403.2/20

In: 182.407 $\pm$ 1.868 χ^2 /NDF:636.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 174.837 $\pm$ 1.227 χ^2 /NDF: 1403.2/20

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: -3.983+/-1.670 χ^2/NDF : 160.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

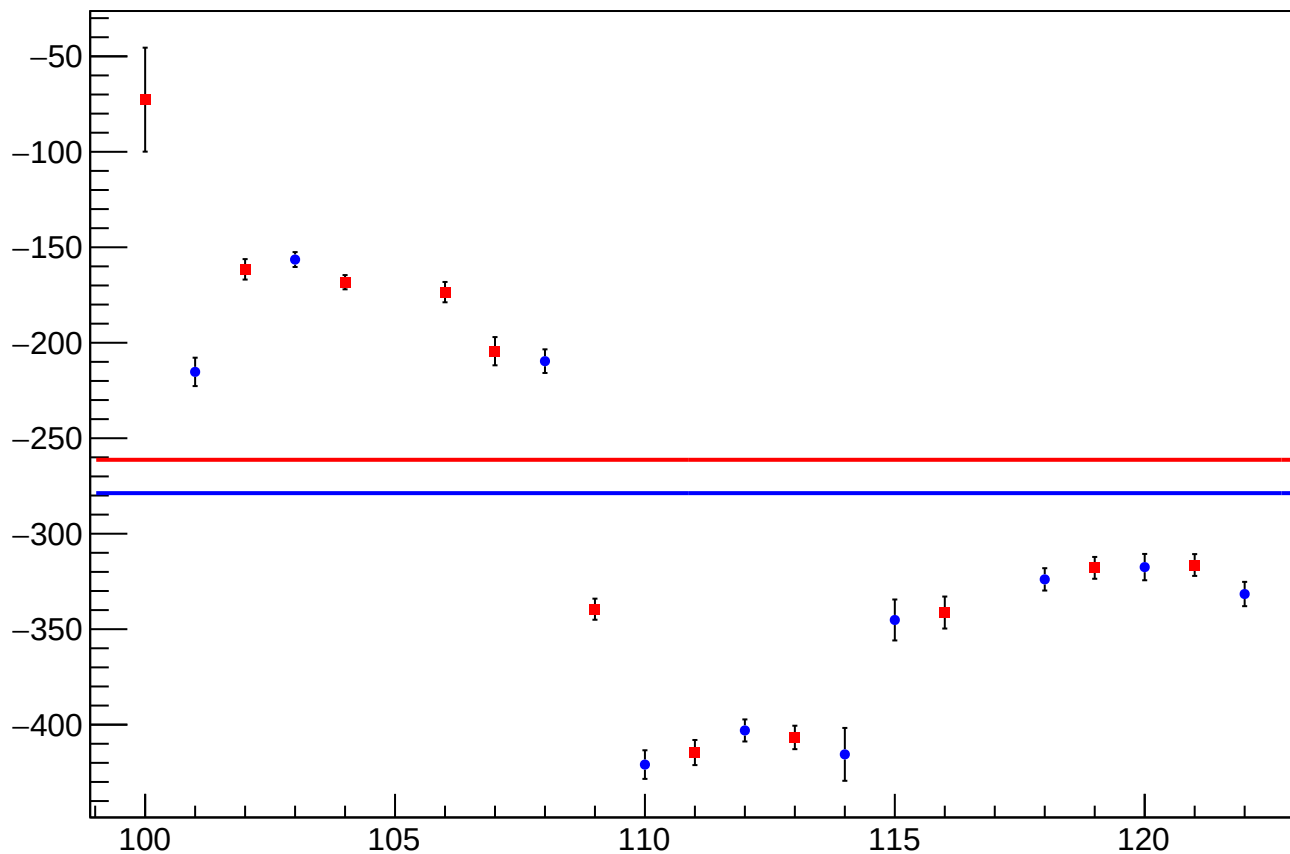
Right: -2.657+/-1.236 χ^2/NDF : 357.9/20

In: -1.048+/-1.839 χ^2/NDF :196.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.657+/-1.236 χ^2/NDF : 357.9/20

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: -261.291+/-1.769 χ^2/NDF : 2933.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

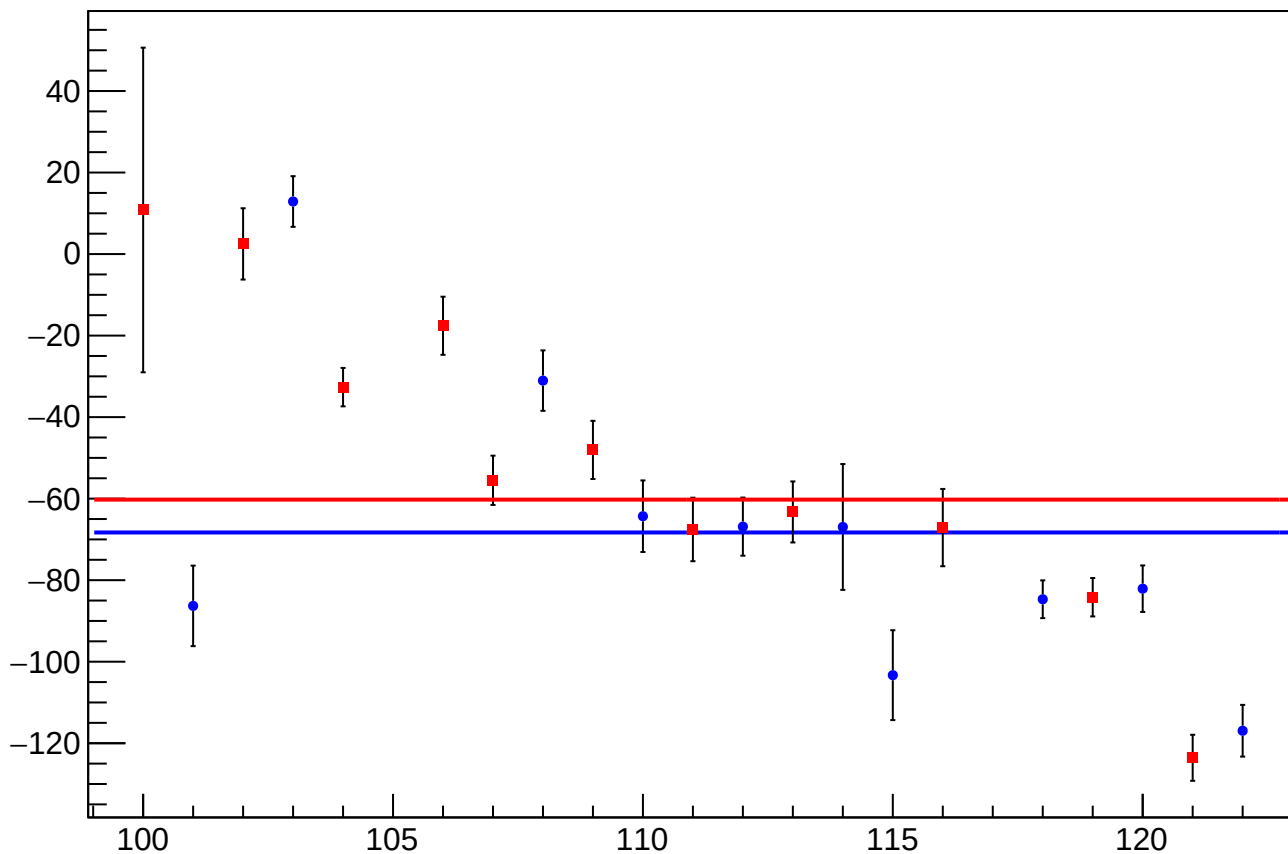
Right: -268.898+/-1.329 χ^2/NDF : 5274.6/20

In: -278.755+/-2.014 χ^2/NDF : 2298.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -268.898+/-1.329 χ^2/NDF : 5274.6/20

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: -60.241 ± 2.011 χ^2/NDF : 281.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

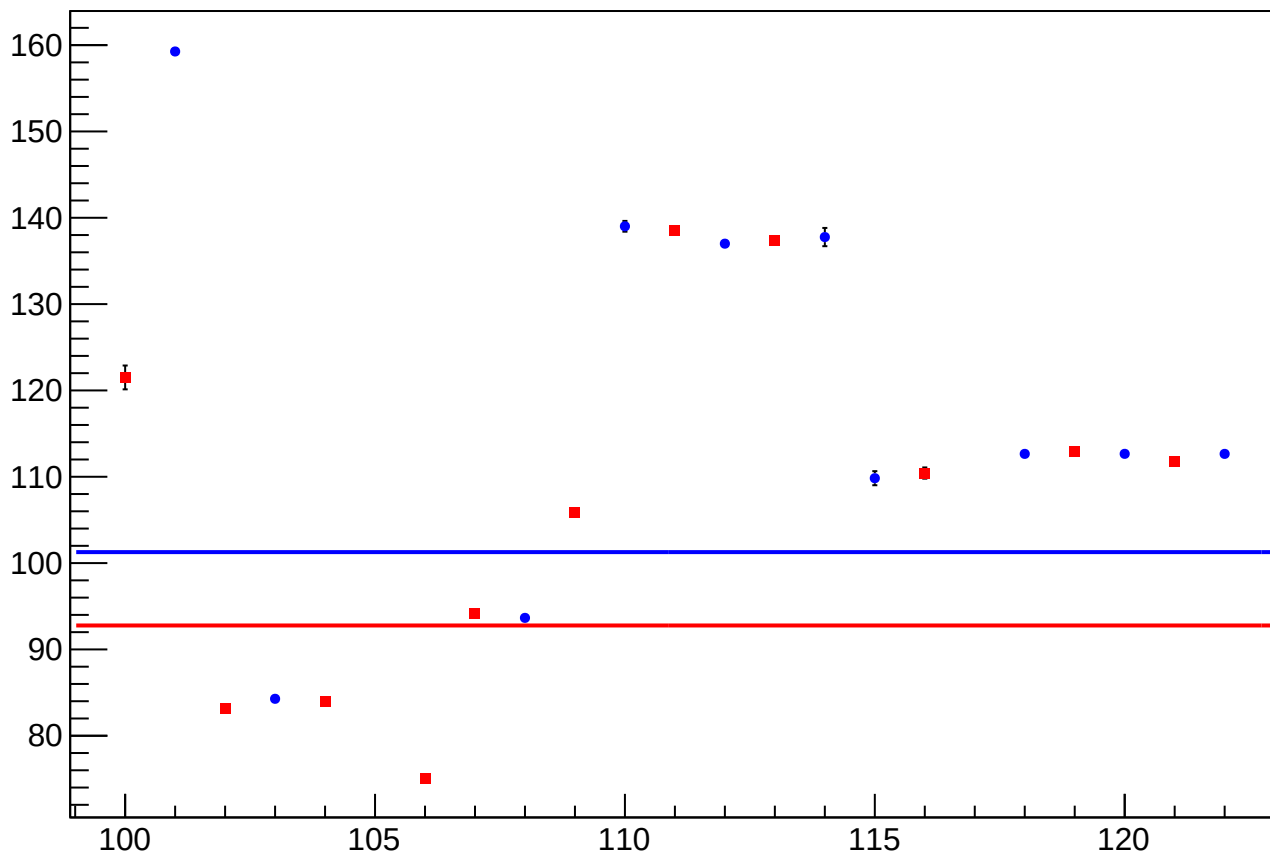
Right: -63.860 ± 1.493 χ^2/NDF : 575.6/20

In: -68.300 ± 2.227 χ^2/NDF : 286.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.860 ± 1.493 χ^2/NDF : 575.6/20

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 101.272 $\pm$ 0.111 χ^2 /NDF: 41901.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.774 $\pm$ 0.098 χ^2 /NDF: 31983.8/10

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

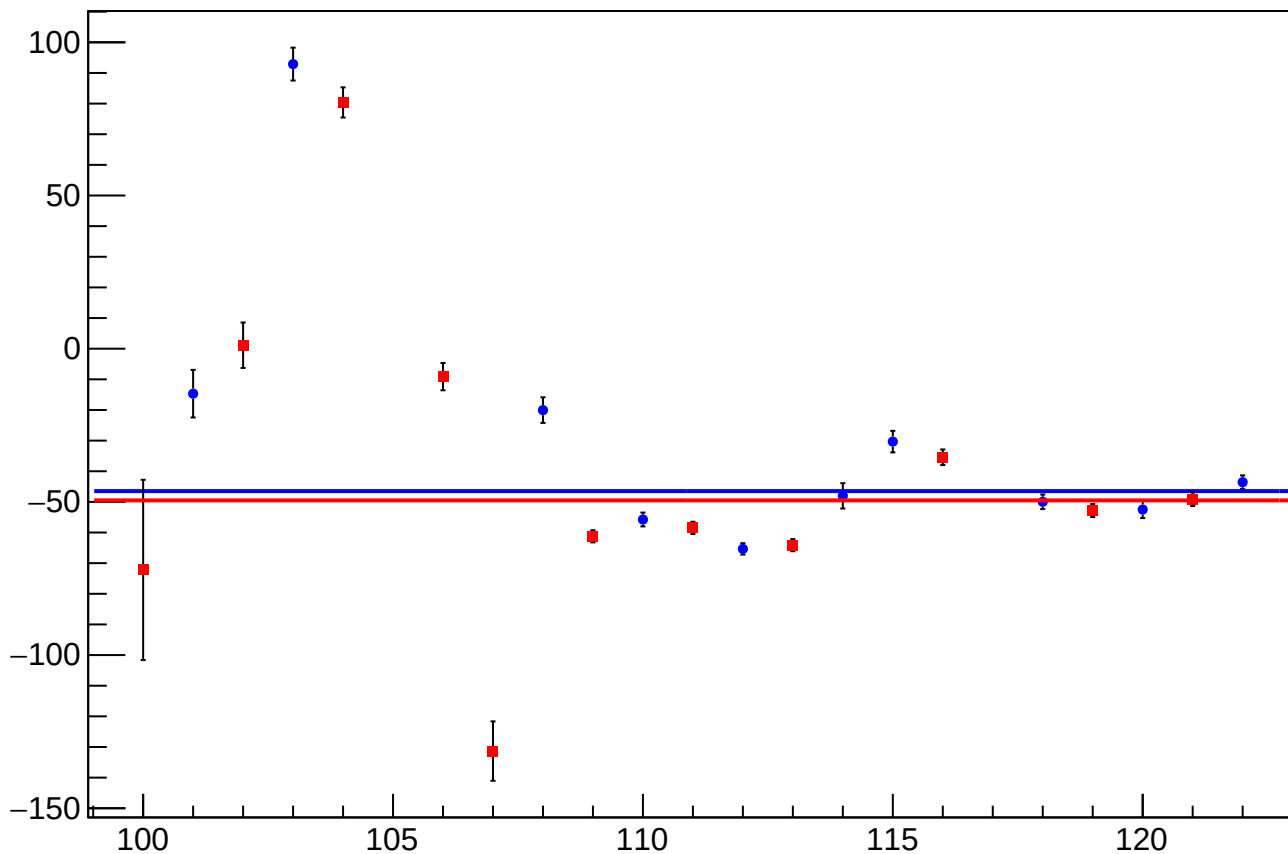
Right: 96.472 $\pm$ 0.073 χ^2 /NDF: 77173.4/20

In: 101.272 $\pm$ 0.111 χ^2 /NDF:41901.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.472 $\pm$ 0.073 χ^2 /NDF: 77173.4/20

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -46.486+/-0.897 χ^2/NDF : 881.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -49.520+/-0.829 χ^2/NDF : 1039.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

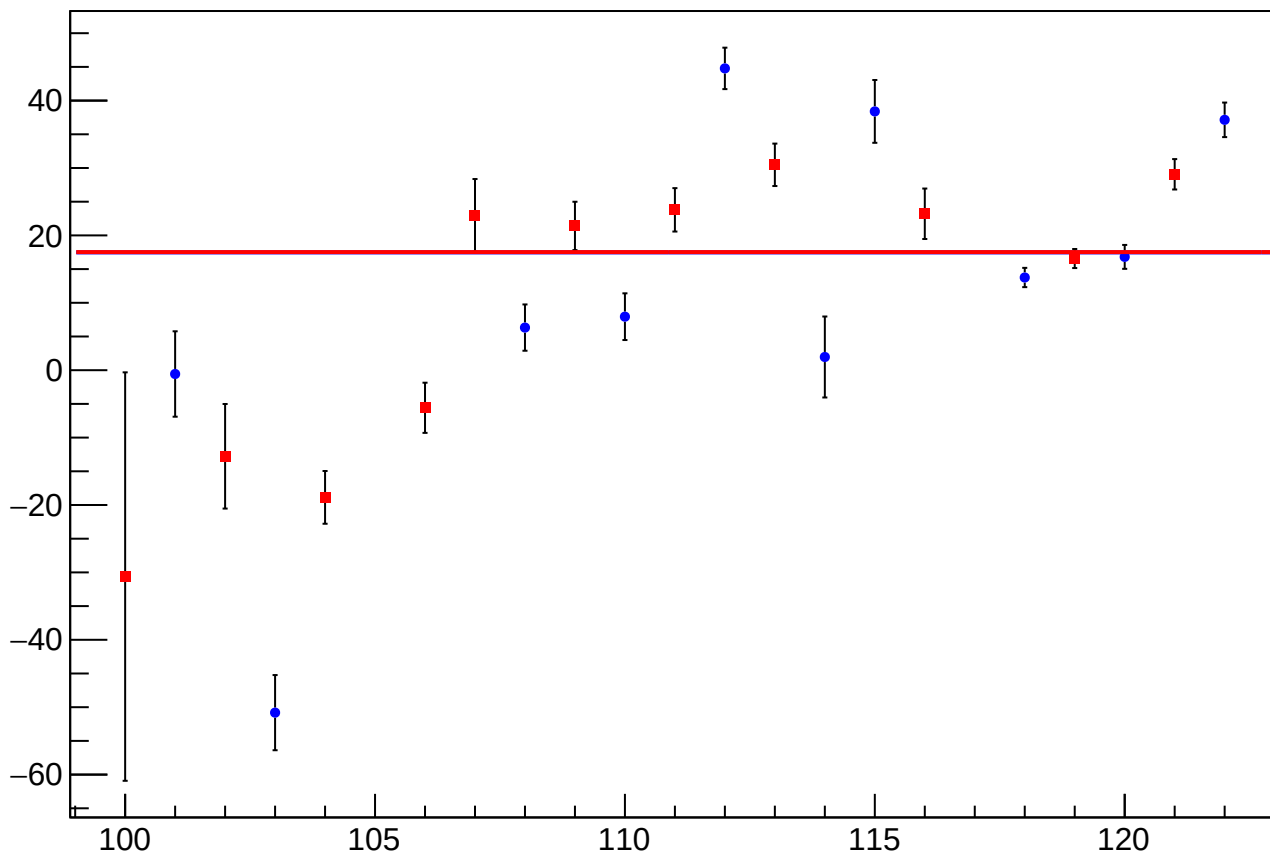
Right: -48.122+/-0.609 χ^2/NDF : 1927.0/20

In: -46.486+/-0.897 χ^2/NDF :881.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -48.122+/-0.609 χ^2/NDF : 1927.0/20

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: 17.523+/-0.900 χ^2/NDF : 194.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

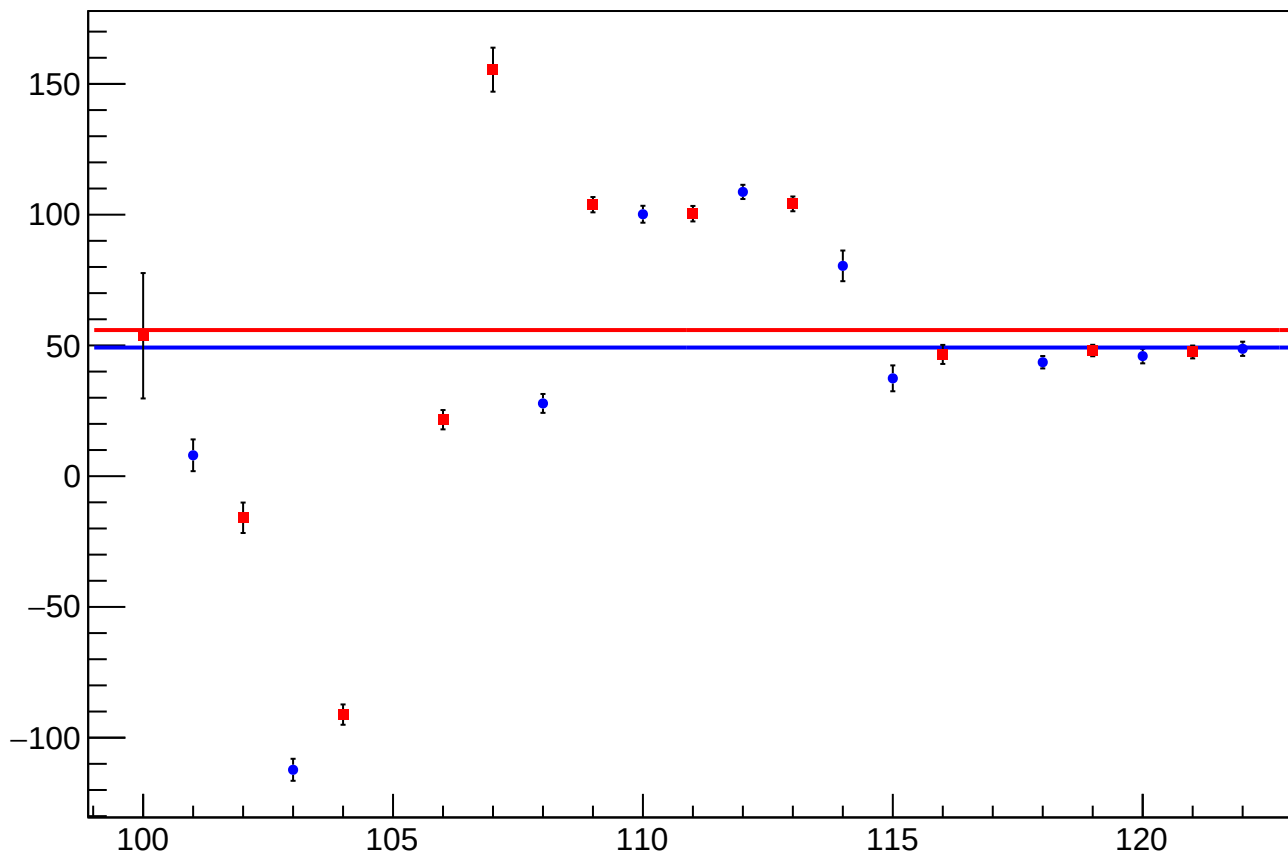
Right: 17.498+/-0.620 χ^2/NDF : 542.4/20

In: 17.476+/-0.856 χ^2/NDF : 347.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.498+/-0.620 χ^2/NDF : 542.4/20

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: 55.879+/-1.005 χ^2/NDF : 2626.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

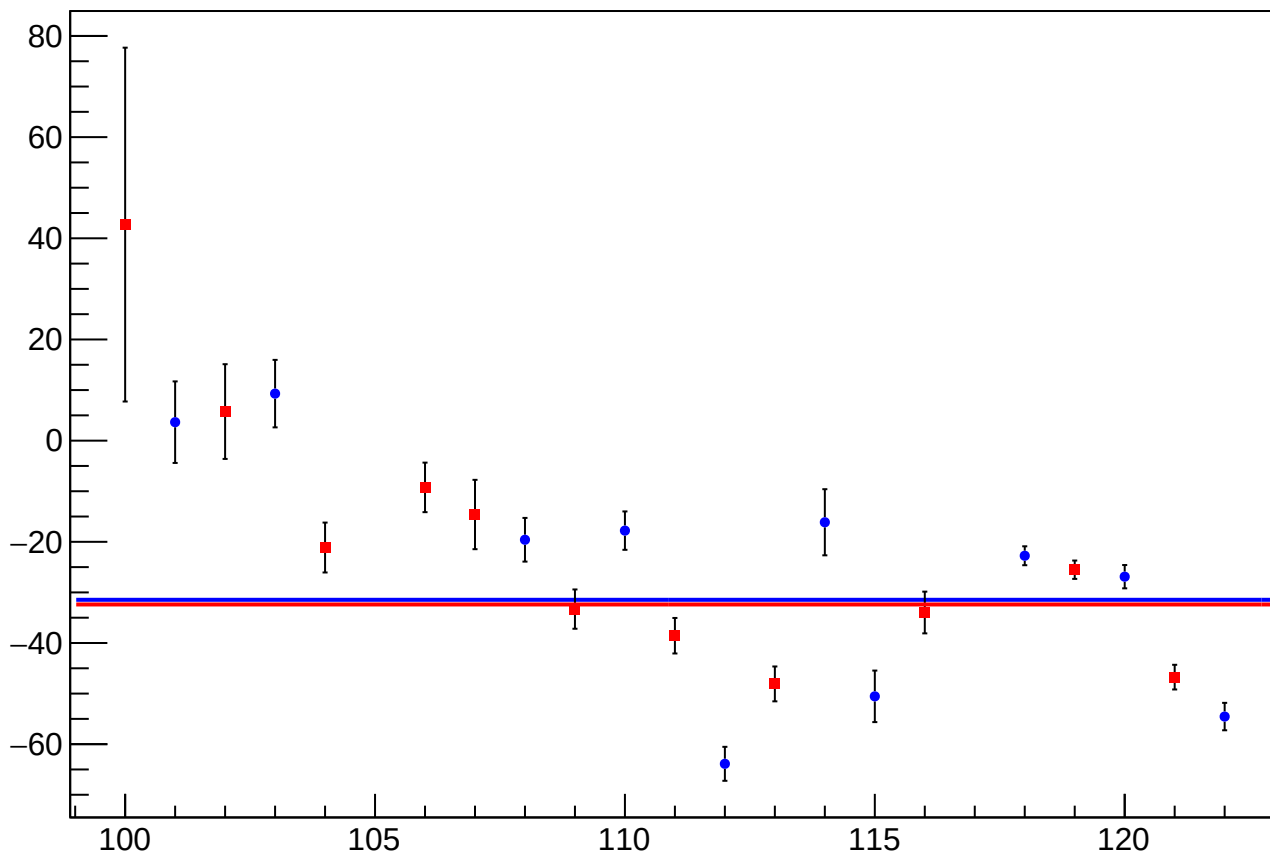
Right: 52.688+/-0.727 χ^2/NDF : 4970.7/20

In: 49.191+/-1.052 χ^2/NDF : 2322.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.688+/-0.727 χ^2/NDF : 4970.7/20

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.460 $\pm$ 1.041 χ^2 /NDF: 287.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.384 $\pm$ 1.067 χ^2 /NDF: 128.6/10

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

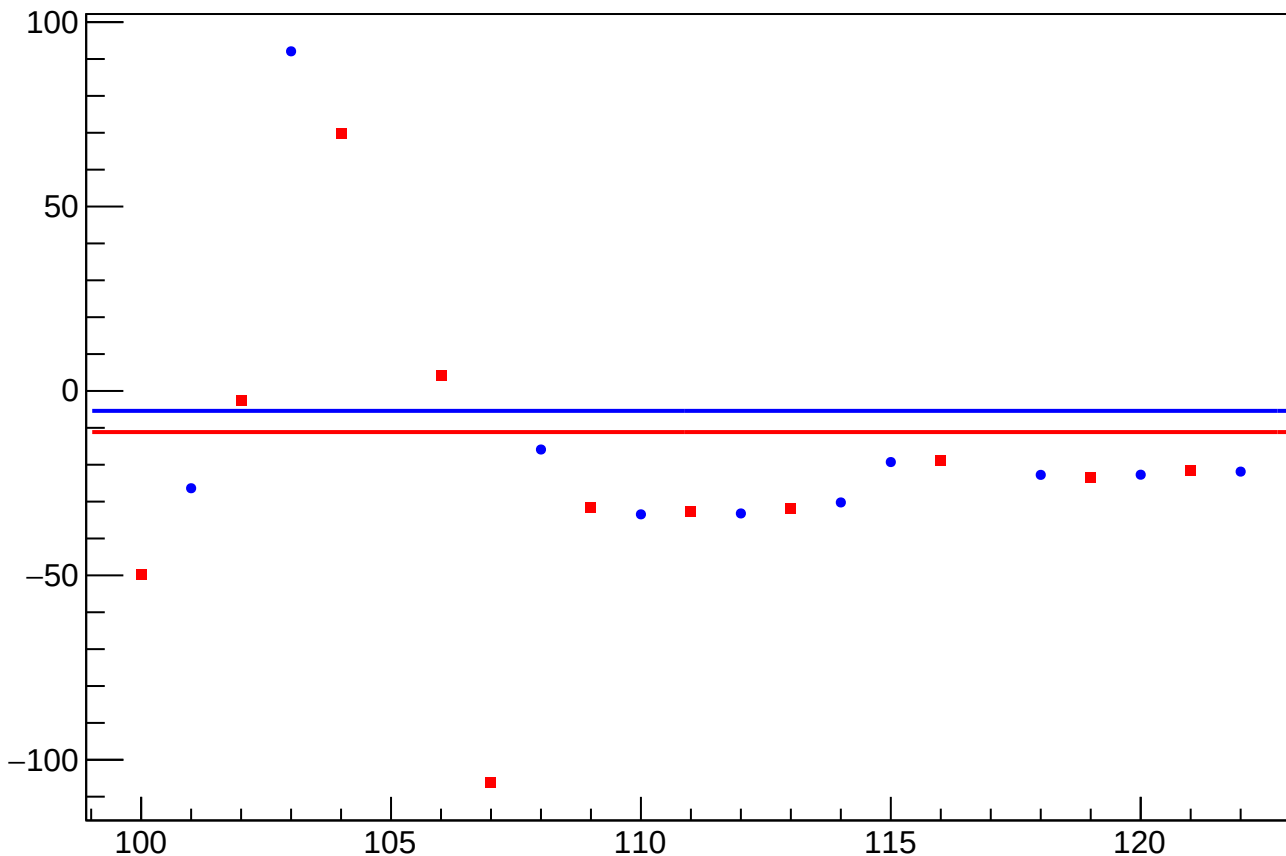
Right: -31.911 $\pm$ 0.745 χ^2 /NDF: 416.8/20

In: -31.460 $\pm$ 1.041 χ^2 /NDF:287.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.911 $\pm$ 0.745 χ^2 /NDF: 416.8/20

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: -11.148+/-0.067 χ^2/NDF : 310108.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

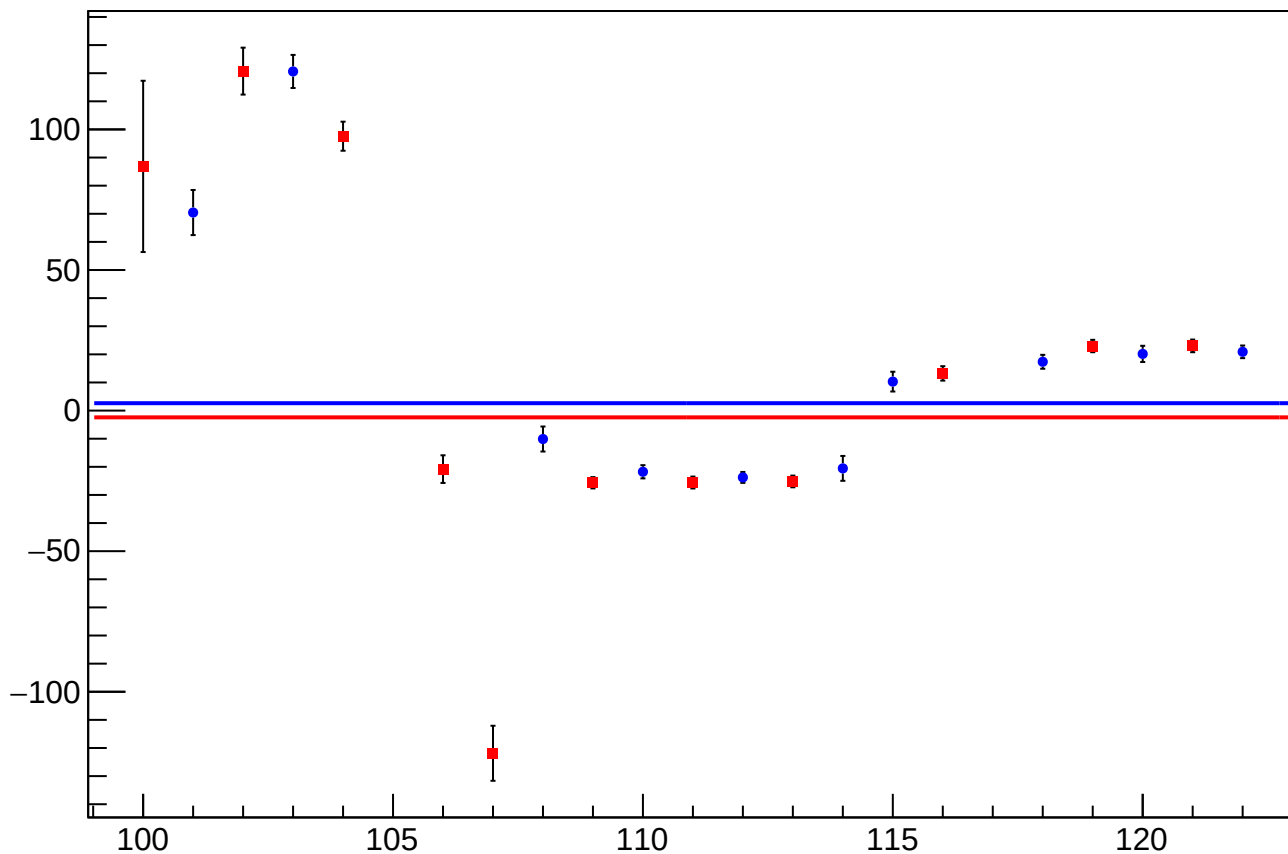
Right: -8.365+/-0.048 χ^2/NDF : 680901.0/20

In: -5.398+/-0.069 χ^2/NDF : 367249.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.365+/-0.048 χ^2/NDF : 680901.0/20

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: -2.408+/-0.857 χ^2/NDF : 1434.9/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

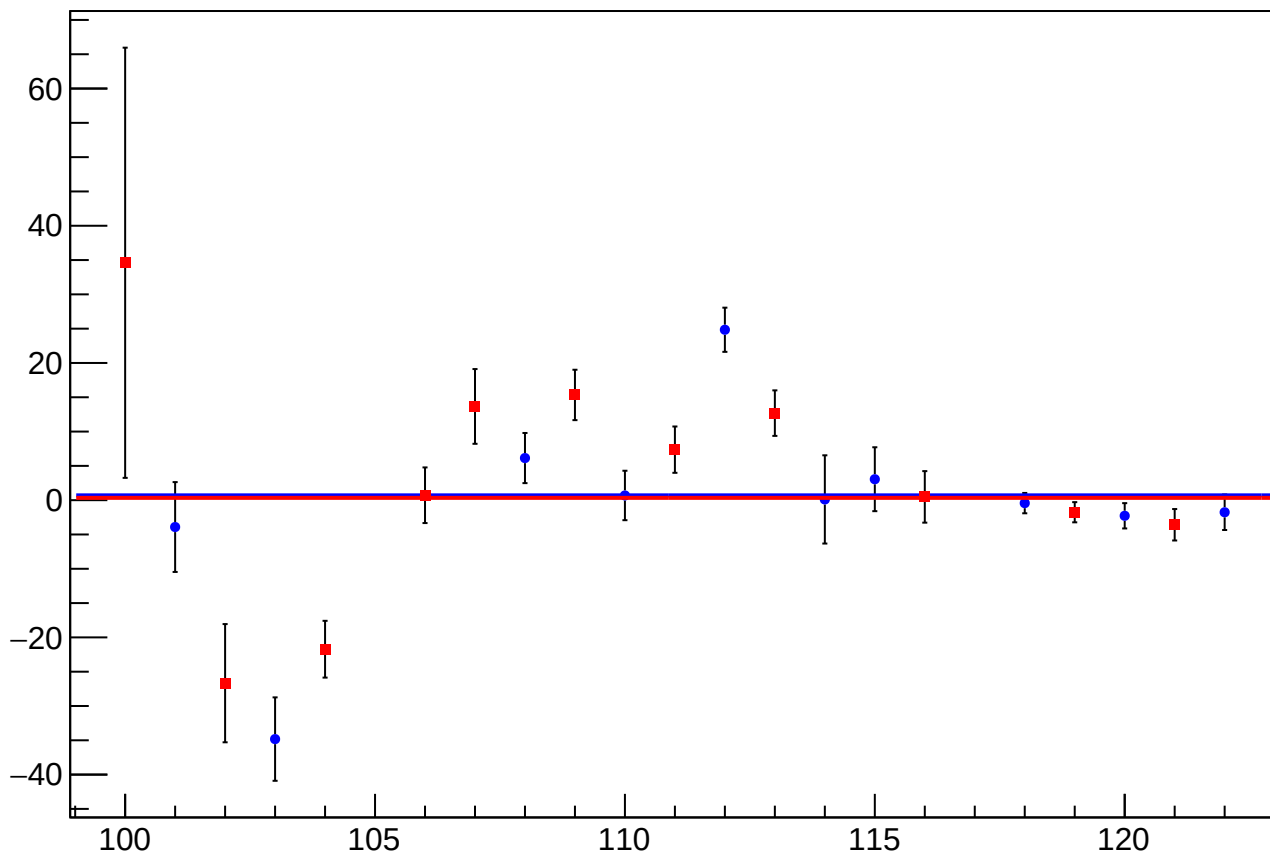
Right: -0.096+/-0.630 χ^2/NDF : 2395.5/20

In: 2.631+/-0.931 χ^2/NDF :944.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.096+/-0.630 χ^2/NDF : 2395.5/20

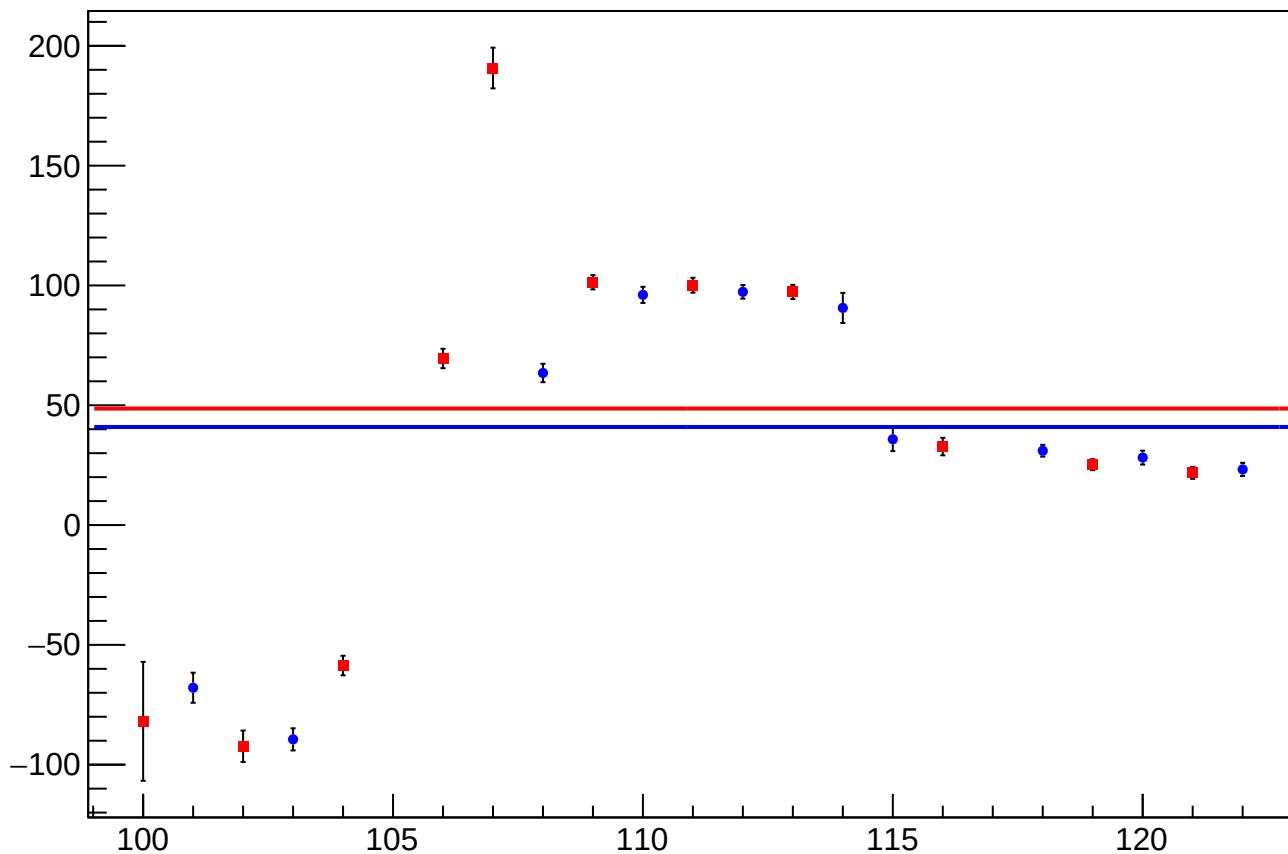
reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 0.338+/-0.935 χ^2/NDF : 85.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.530+/-0.644 χ^2/NDF : 182.8/20
 In: 0.703+/-0.888 χ^2/NDF : 97.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.530+/-0.644 χ^2/NDF : 182.8/20

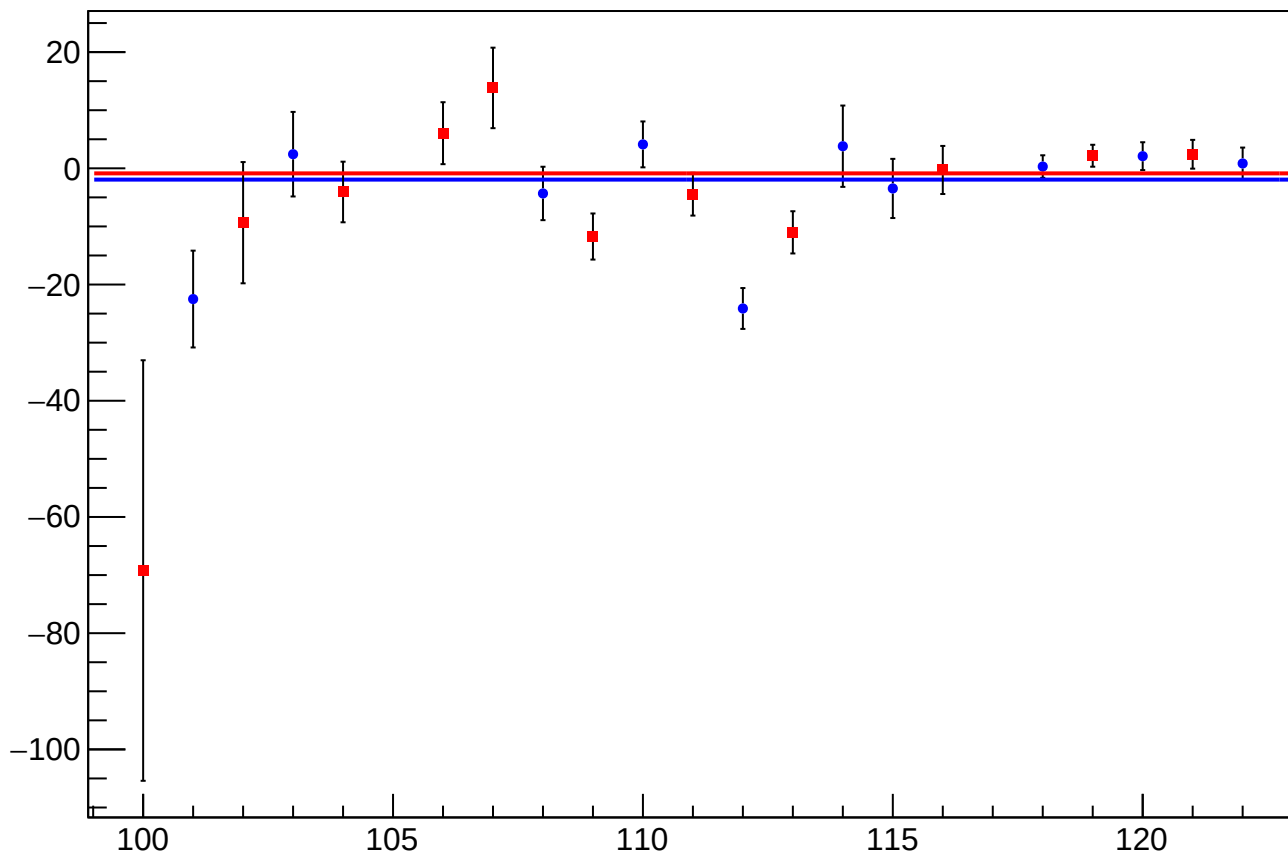
reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 48.627+/-1.044 χ^2 /NDF: 2584.2/10
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 44.959+/-0.755 χ^2 /NDF: 4545.3/20
 In: 40.933+/-1.094 χ^2 /NDF:1935.2/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 44.959+/-0.755 χ^2 /NDF: 4545.3/20

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: -0.869 ± 1.106 χ^2/NDF : 31.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

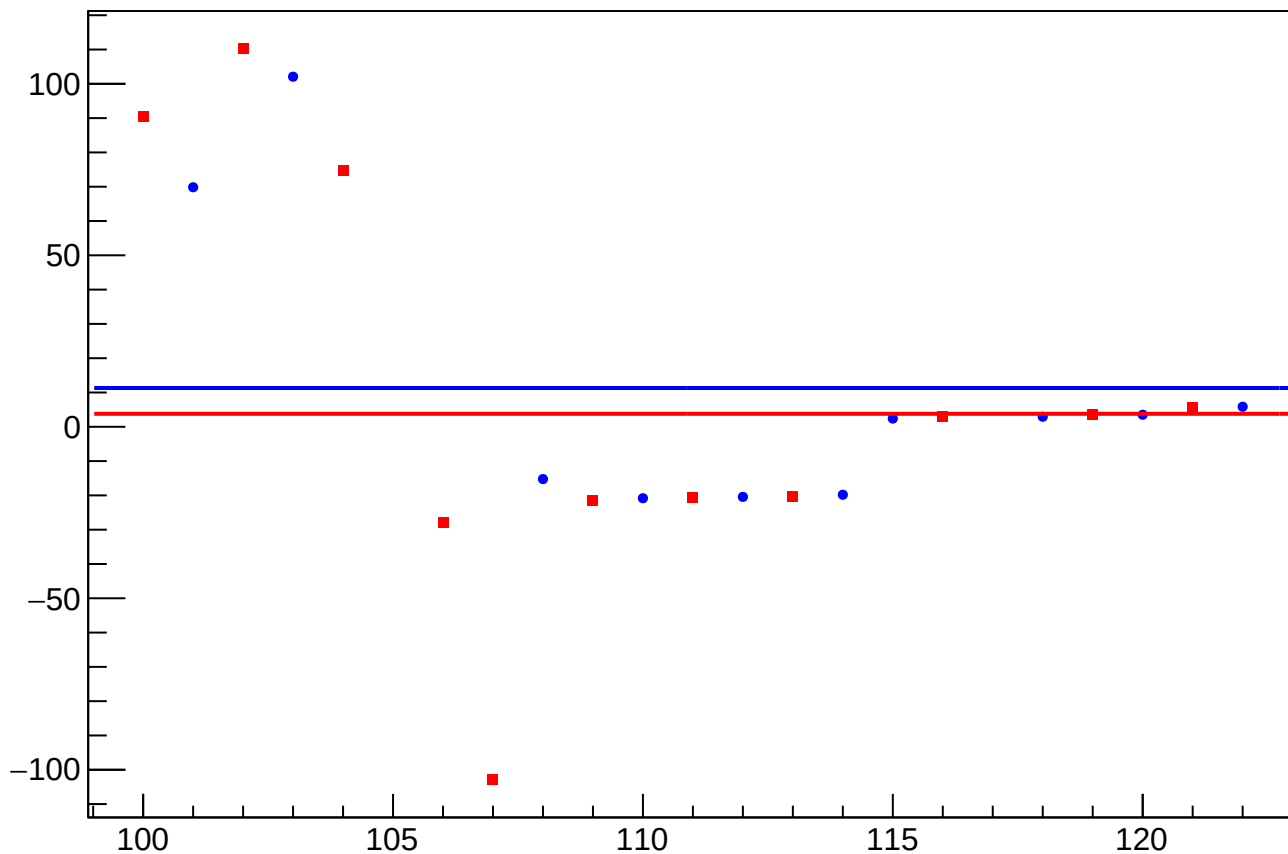
Right: -1.419 ± 0.772 χ^2/NDF : 86.7/20

In: -1.942 ± 1.079 χ^2/NDF : 54.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.419 ± 0.772 χ^2/NDF : 86.7/20

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: 3.789+/-0.071 χ^2/NDF : 434182.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

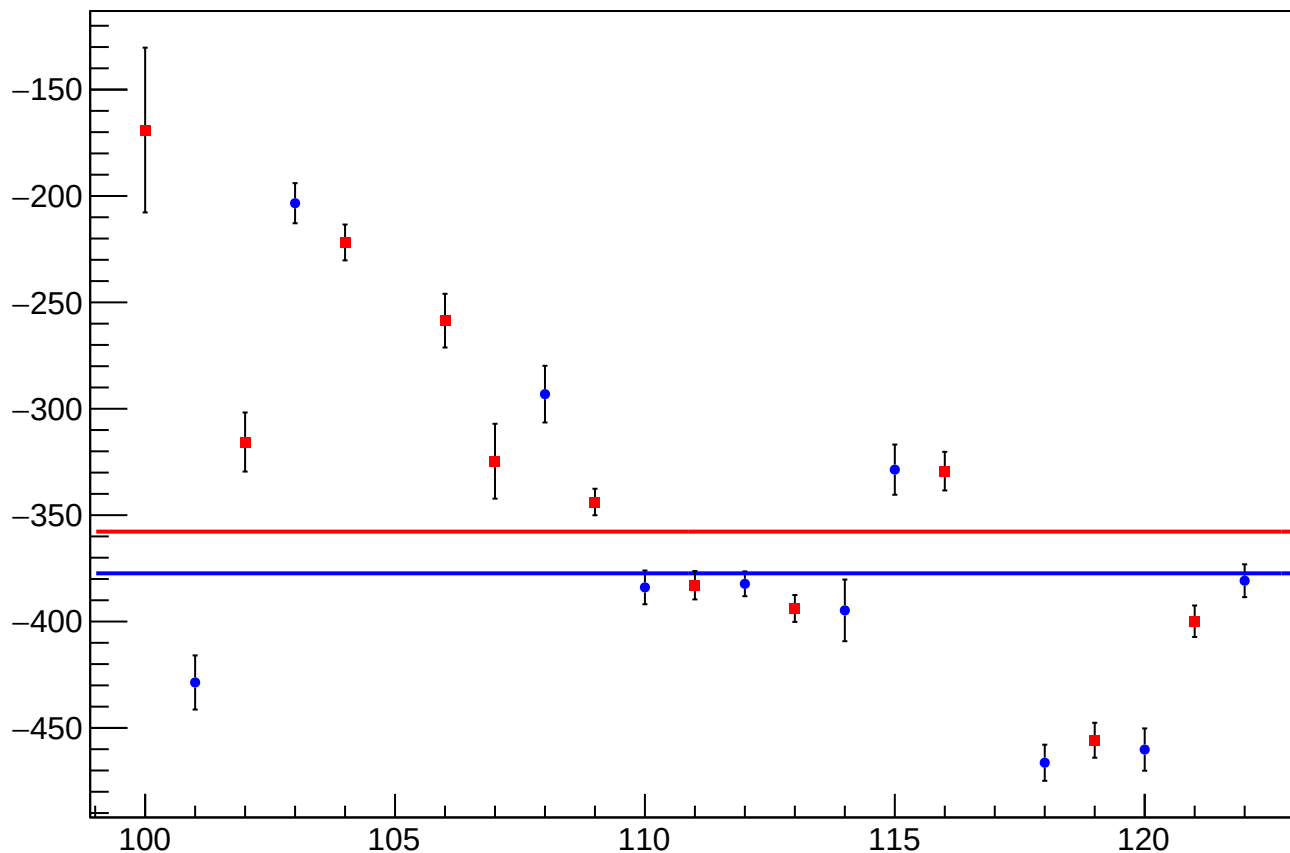
Right: 7.433+/-0.051 χ^2/NDF : 754405.4/20

In: 11.314+/-0.073 χ^2/NDF : 314718.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.433+/-0.051 χ^2/NDF : 754405.4/20

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: -357.731+/-2.600 χ^2 /NDF: 594.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

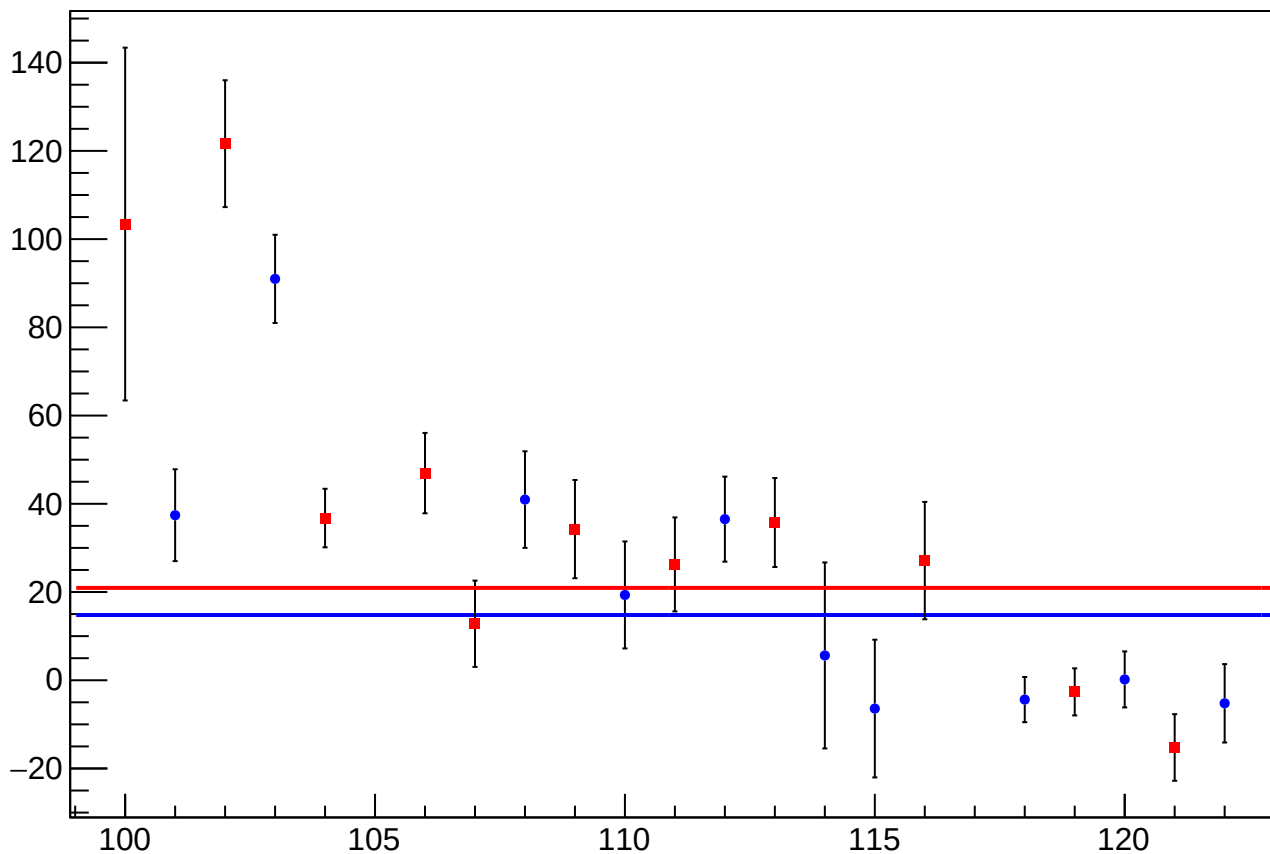
Right: -366.564+/-1.928 χ^2 /NDF: 1216.5/20

In: -377.344+/-2.872 χ^2 /NDF:595.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -366.564+/-1.928 χ^2 /NDF: 1216.5/20

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: 20.940+/-2.715 χ^2/NDF : 114.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

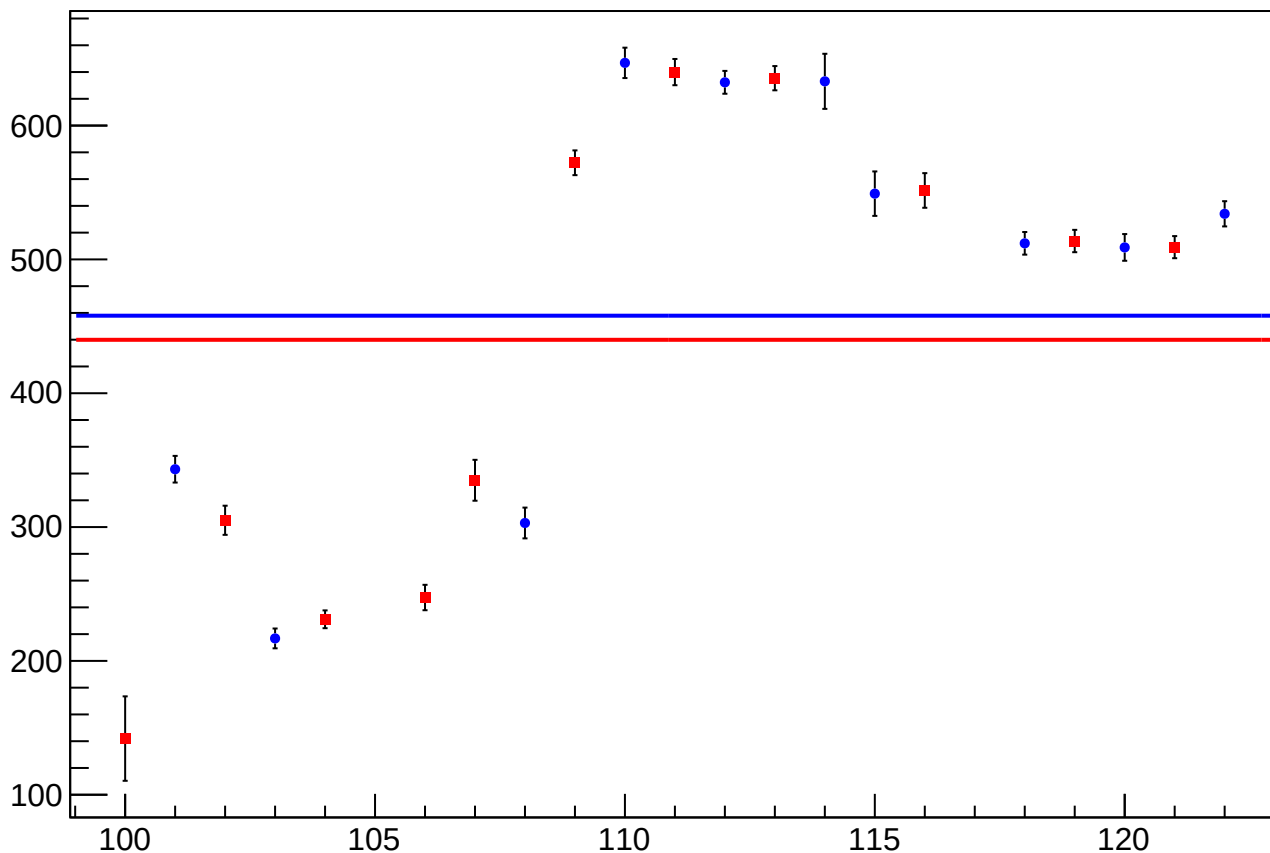
Right: 17.965+/-1.951 χ^2/NDF : 217.0/20

In: 14.789+/-2.805 χ^2/NDF : 100.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.965+/-1.951 χ^2/NDF : 217.0/20

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: 439.924+/-2.926 χ^2/NDF : 2999.3/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

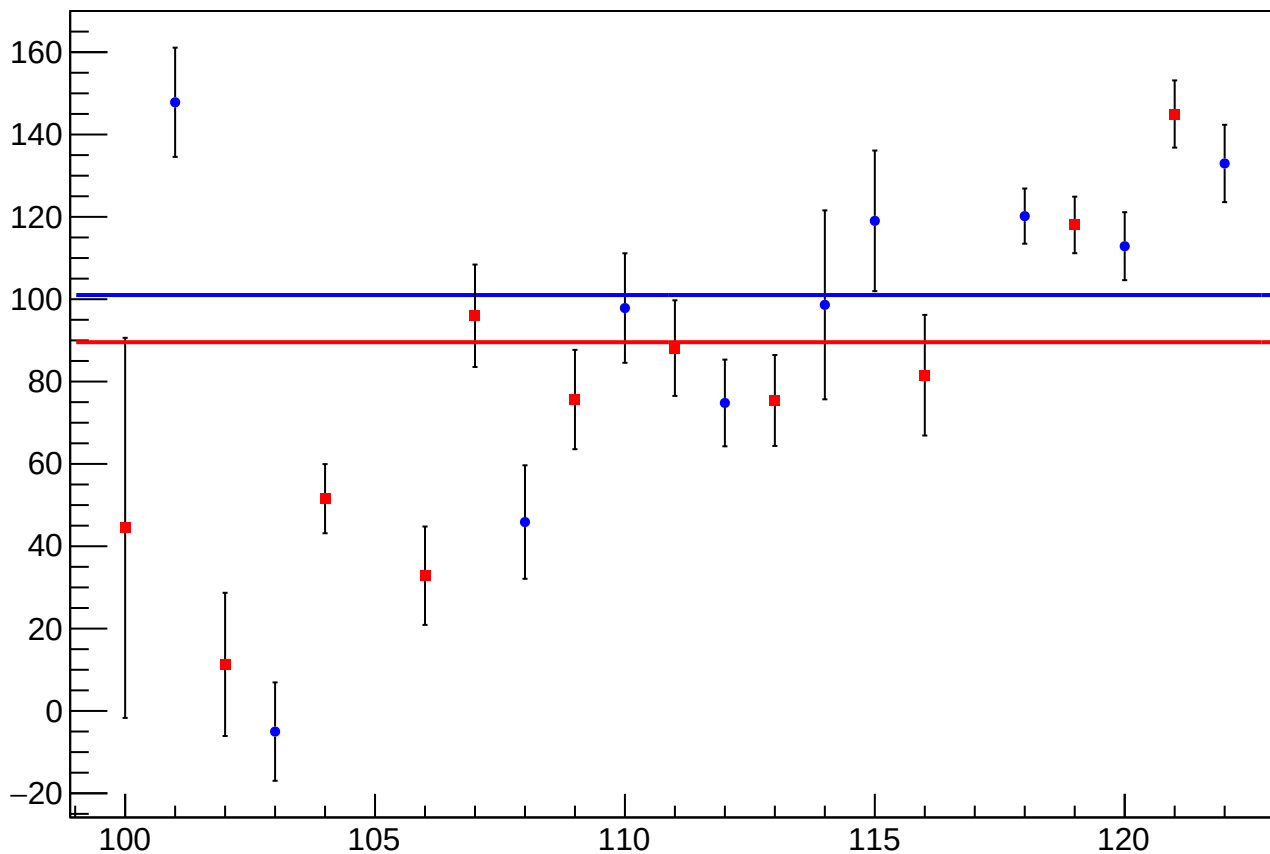
Right: 448.174+/-2.154 χ^2/NDF : 5322.6/20

In: 457.935+/-3.183 χ^2/NDF :2306.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 448.174+/-2.154 χ^2/NDF : 5322.6/20

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: 89.564+/-3.248 χ^2/NDF : 131.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

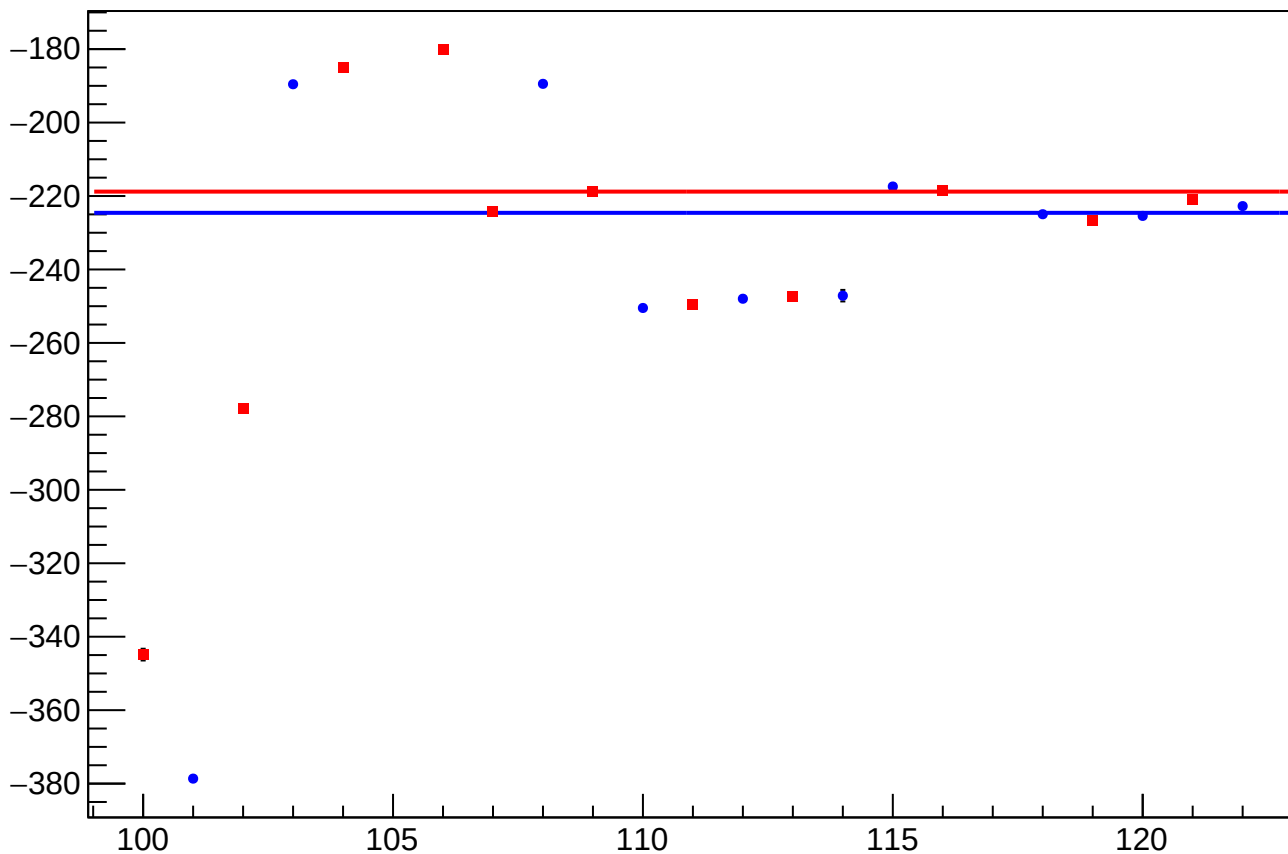
Right: 95.018+/-2.350 χ^2/NDF : 273.4/20

In: 101.013+/-3.405 χ^2/NDF : 136.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.018+/-2.350 χ^2/NDF : 273.4/20

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: -218.800+/-0.176 χ^2/NDF : 41848.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

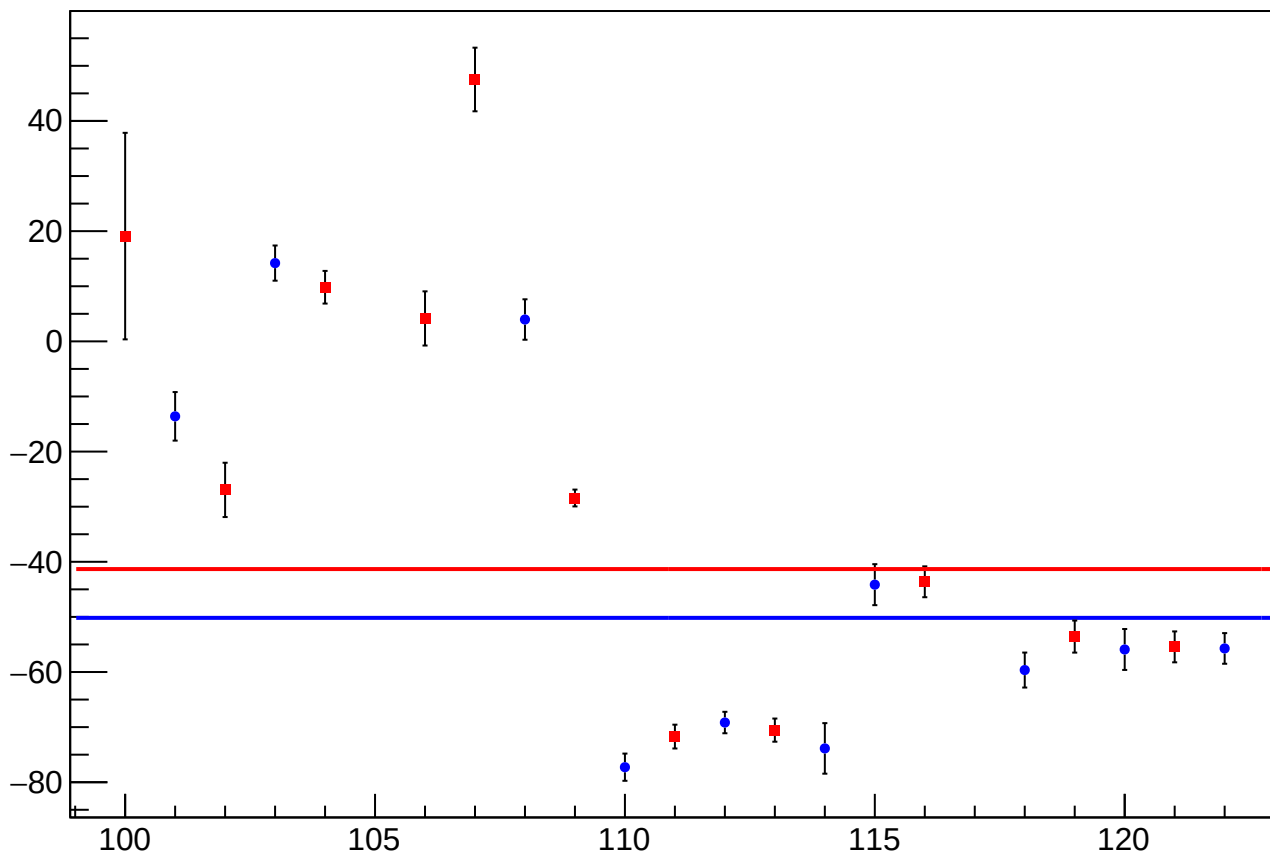
Right: -221.479+/-0.129 χ^2/NDF : 129957.1/20

In: -224.580+/-0.189 χ^2/NDF : 87608.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.479+/-0.129 χ^2/NDF : 129957.1/20

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.172+/-0.965 χ^2/NDF : 953.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.319+/-0.824 χ^2/NDF : 1145.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

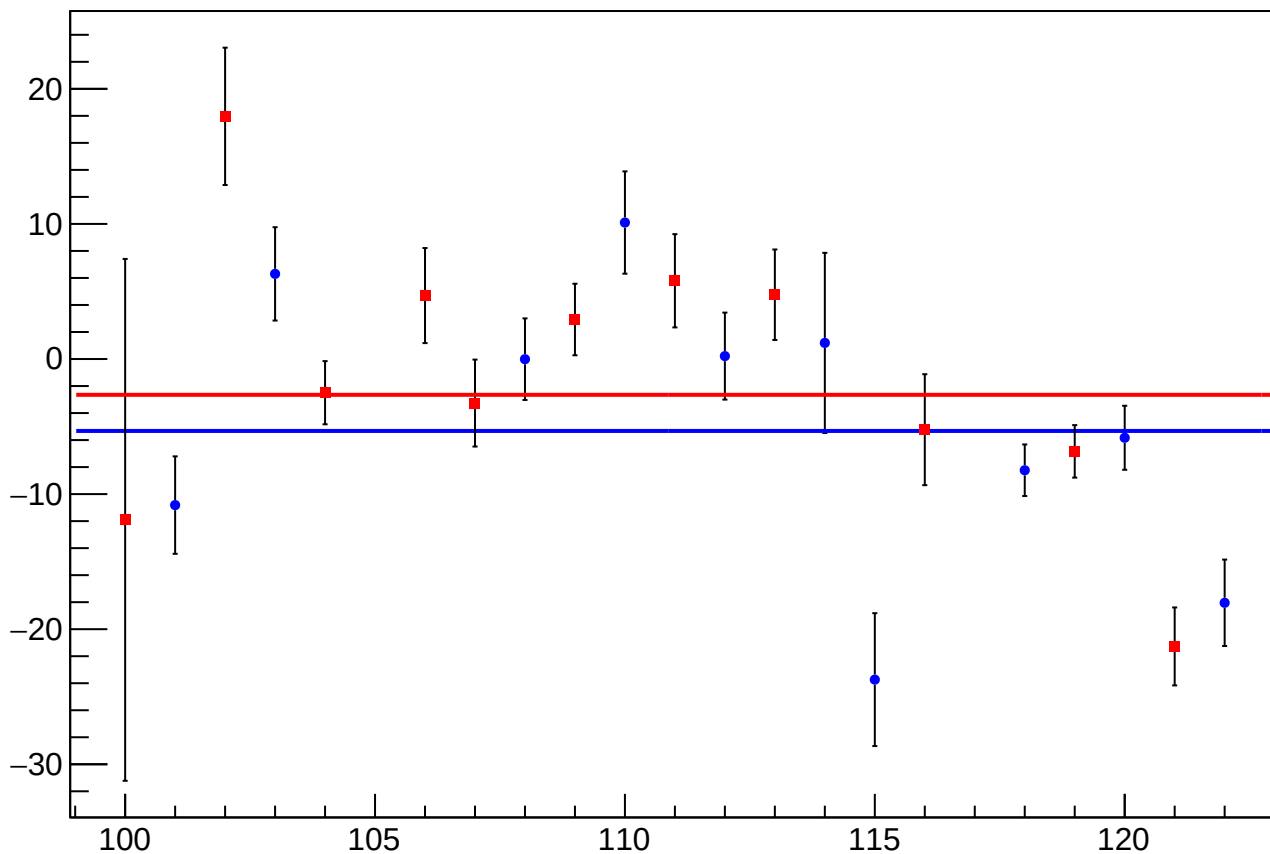
Right: -45.051+/-0.627 χ^2/NDF : 2148.1/20

In: -50.172+/-0.965 χ^2/NDF : 953.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.051+/-0.627 χ^2/NDF : 2148.1/20

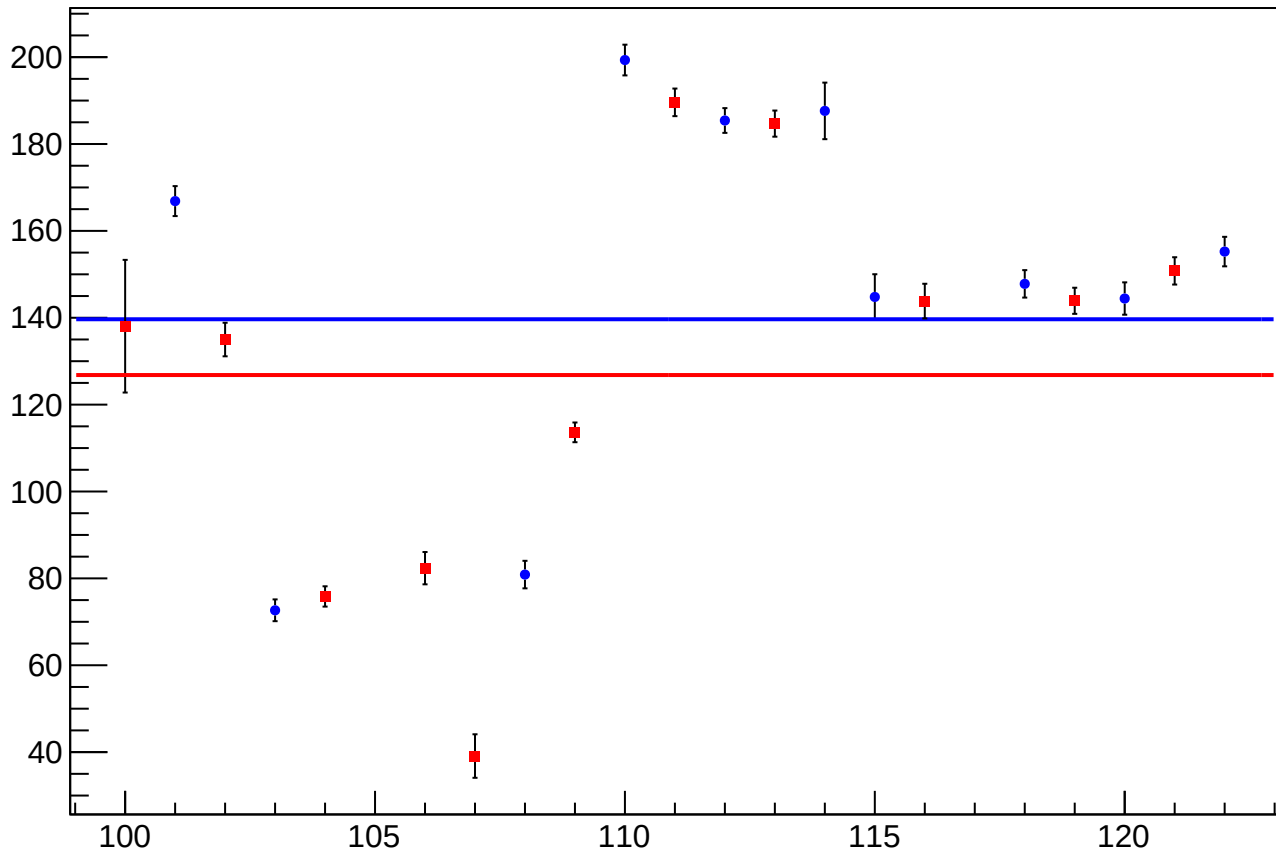
reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -2.650+/-0.928 χ^2/NDF : 83.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.920+/-0.672 χ^2/NDF : 156.5/20
 In: -5.325+/-0.976 χ^2/NDF : 69.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.920+/-0.672 χ^2/NDF : 156.5/20

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: 126.812+/-0.978 χ^2/NDF : 1834.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

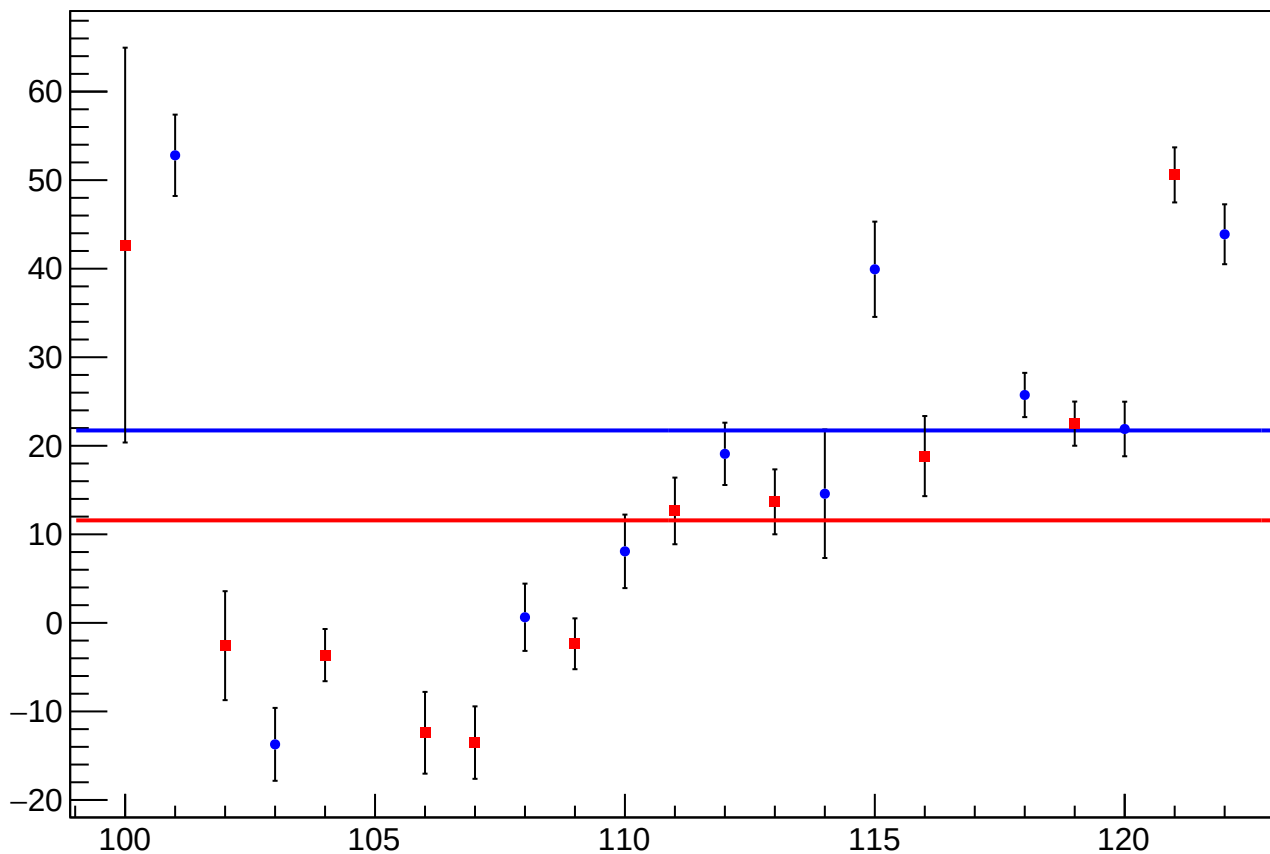
Right: 132.628+/-0.724 χ^2/NDF : 3660.3/20

In: 139.655+/-1.075 χ^2/NDF : 1748.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.628+/-0.724 χ^2/NDF : 3660.3/20

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: 11.576 $\pm$ 1.098 χ^2 /NDF: 301.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

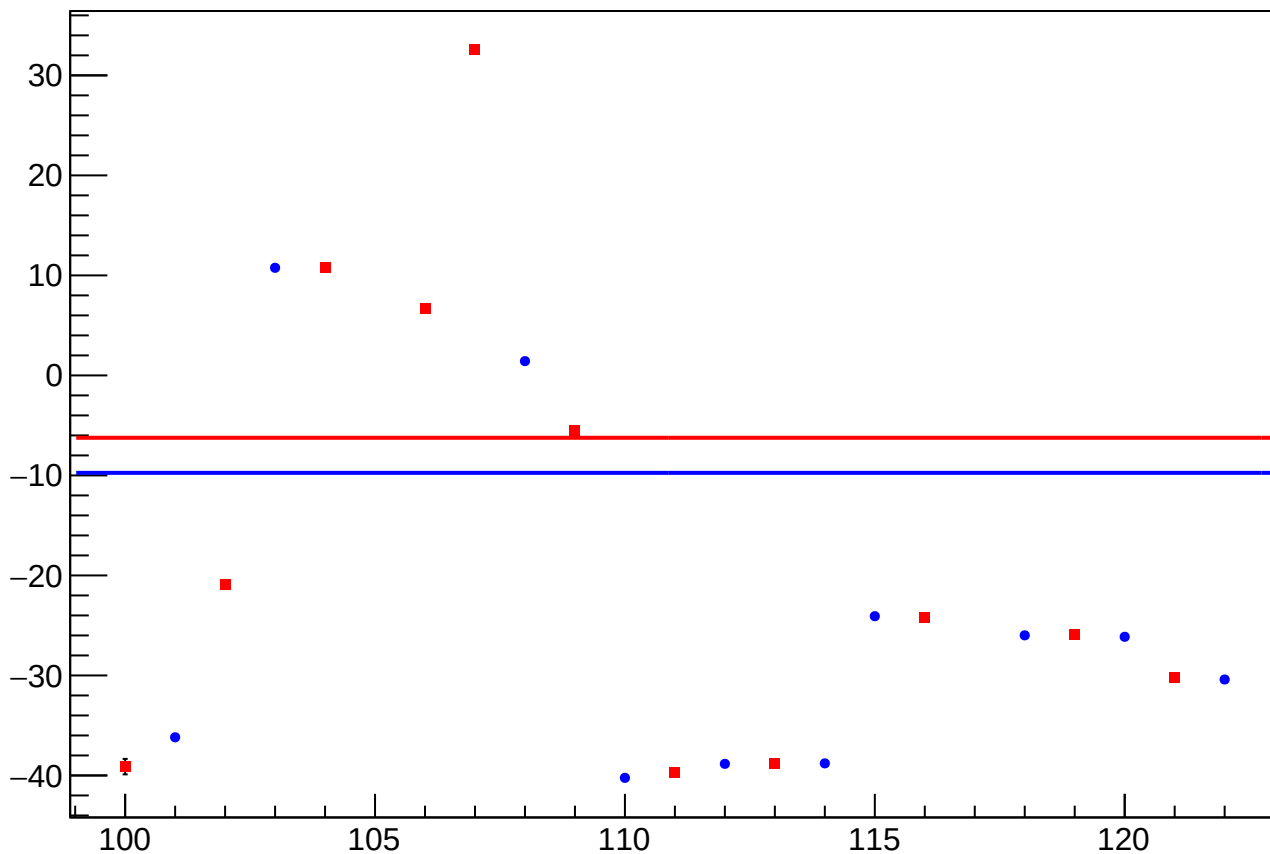
Right: 16.299 $\pm$ 0.803 χ^2 /NDF: 561.4/20

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: 16.299 $\pm$ 0.803 χ^2 /NDF: 561.4/20

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: -6.236+/-0.060 χ^2/NDF : 130050.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

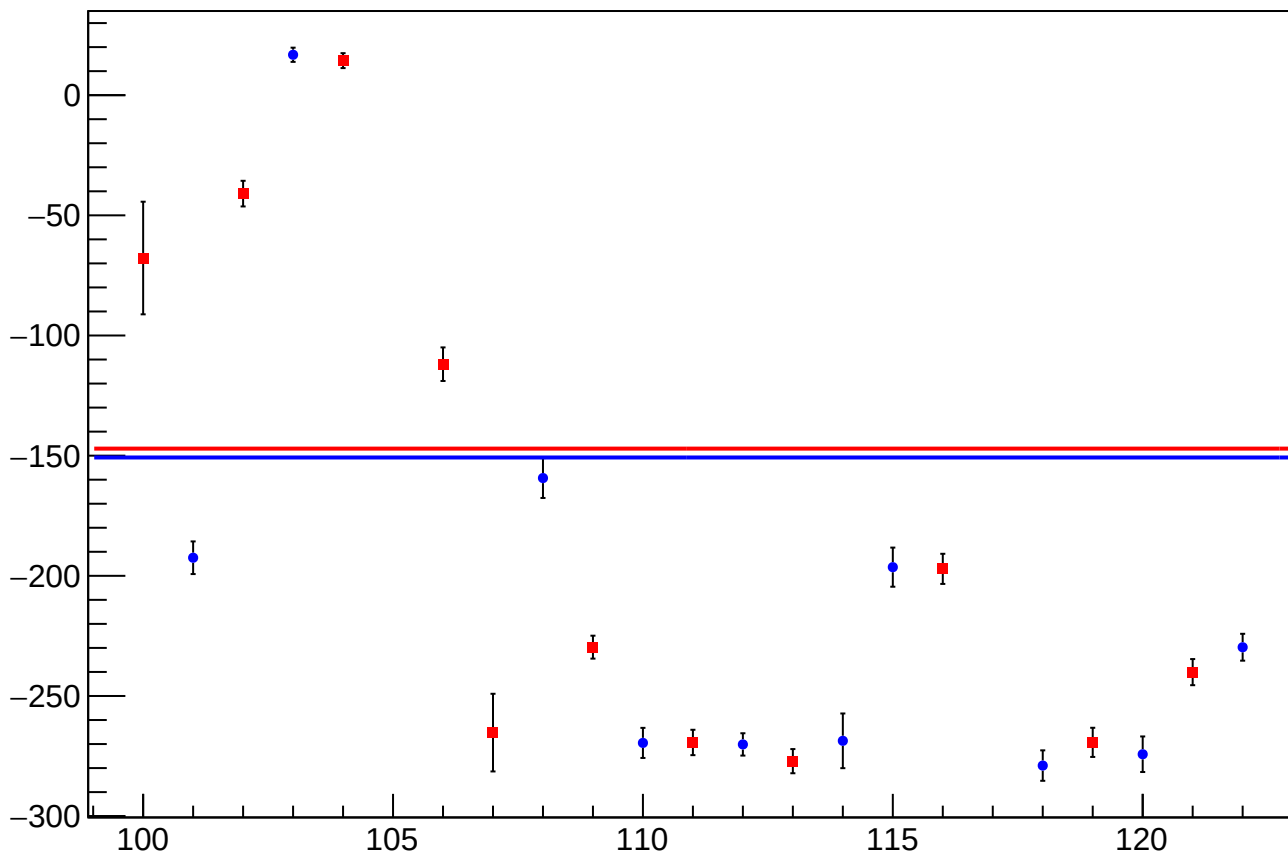
Right: -7.917+/-0.043 χ^2/NDF : 240469.5/20

In: -9.744+/-0.062 χ^2/NDF : 108755.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.917+/-0.043 χ^2/NDF : 240469.5/20

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: -147.067 ± 1.642 χ^2/NDF : 5459.2/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

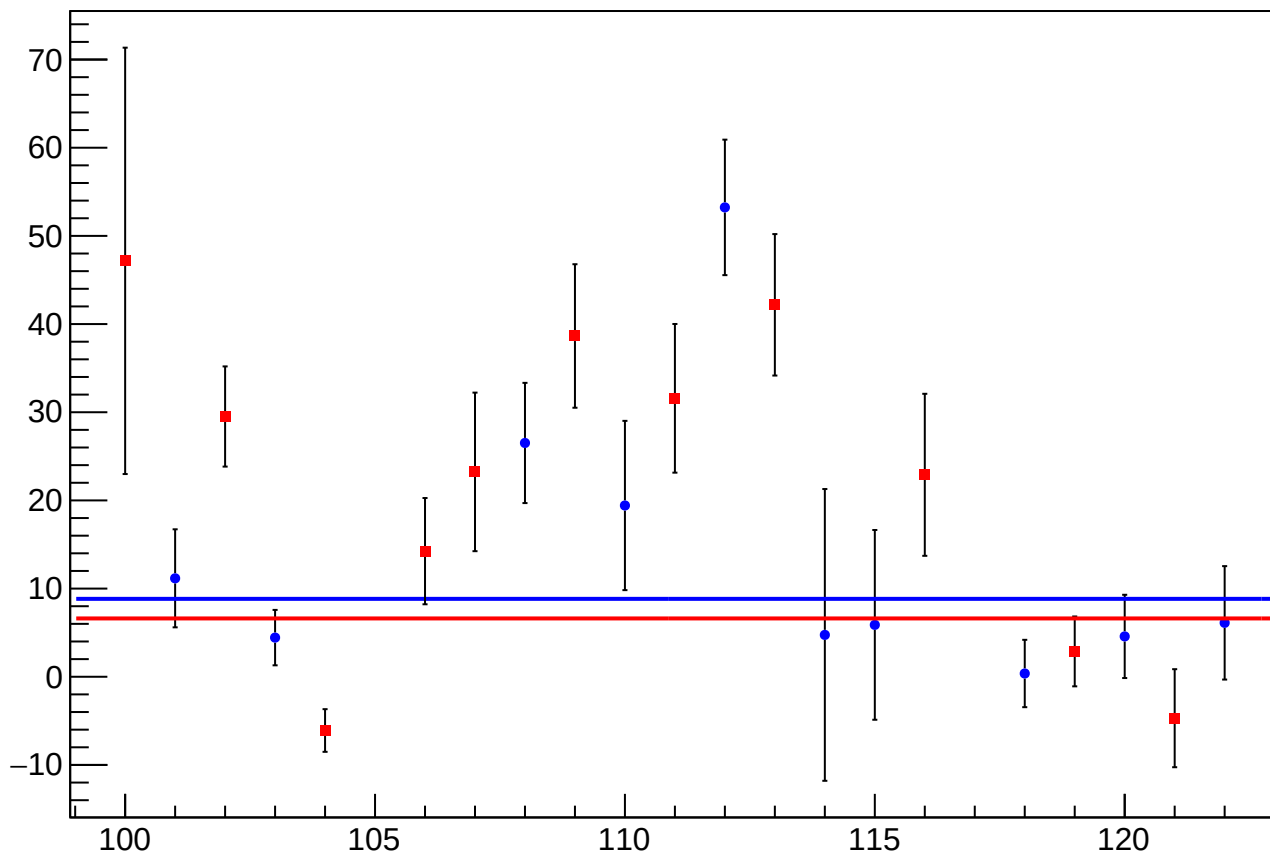
Right: -148.779 ± 1.203 χ^2/NDF : 10759.4/20

In: -150.761 ± 1.766 χ^2/NDF : 5297.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -148.779 ± 1.203 χ^2/NDF : 10759.4/20

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: 6.614+/-1.589 χ^2/NDF : 103.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

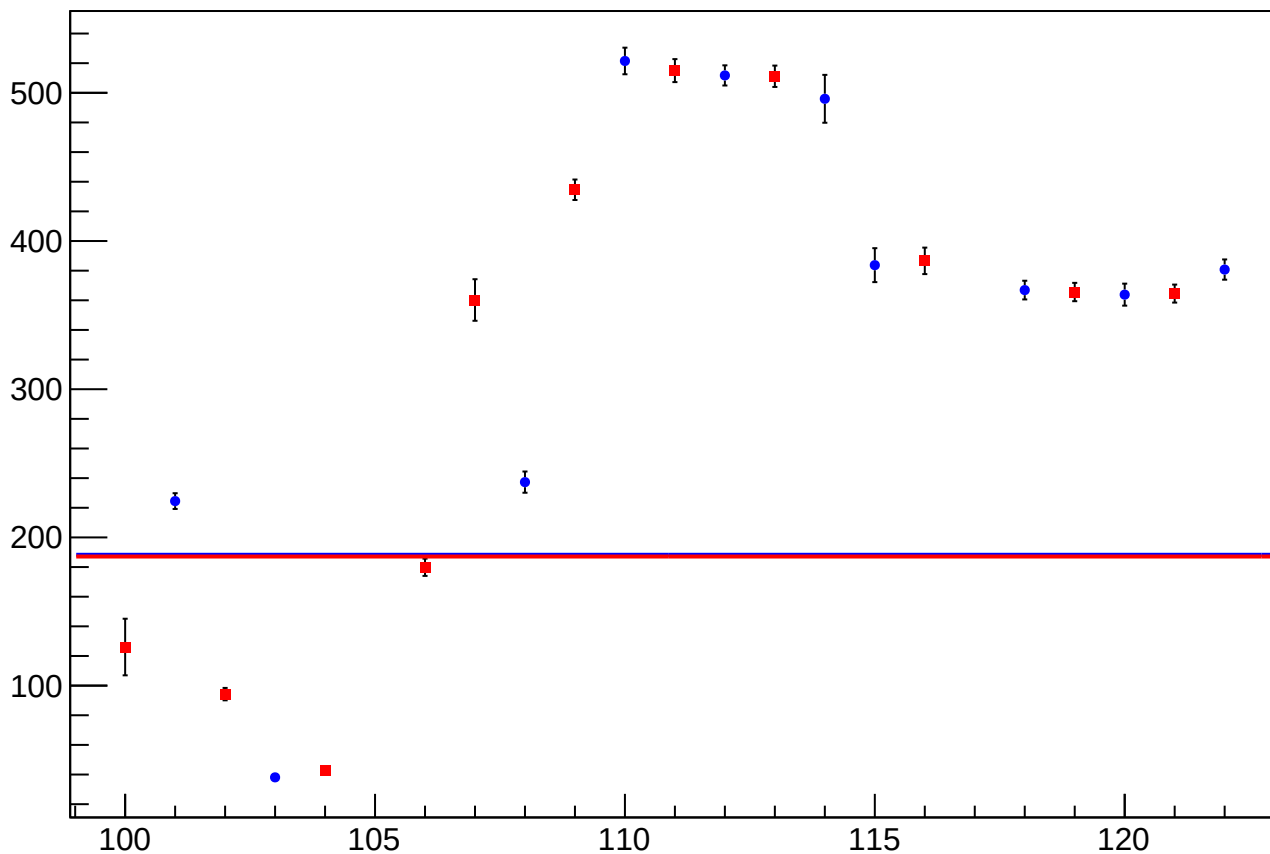
Right: 7.628+/-1.171 χ^2/NDF : 154.2/20

In: 8.835+/-1.733 χ^2/NDF : 49.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.628+/-1.171 χ^2/NDF : 154.2/20

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: 187.111+/-1.614 χ^2/NDF : 11402.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

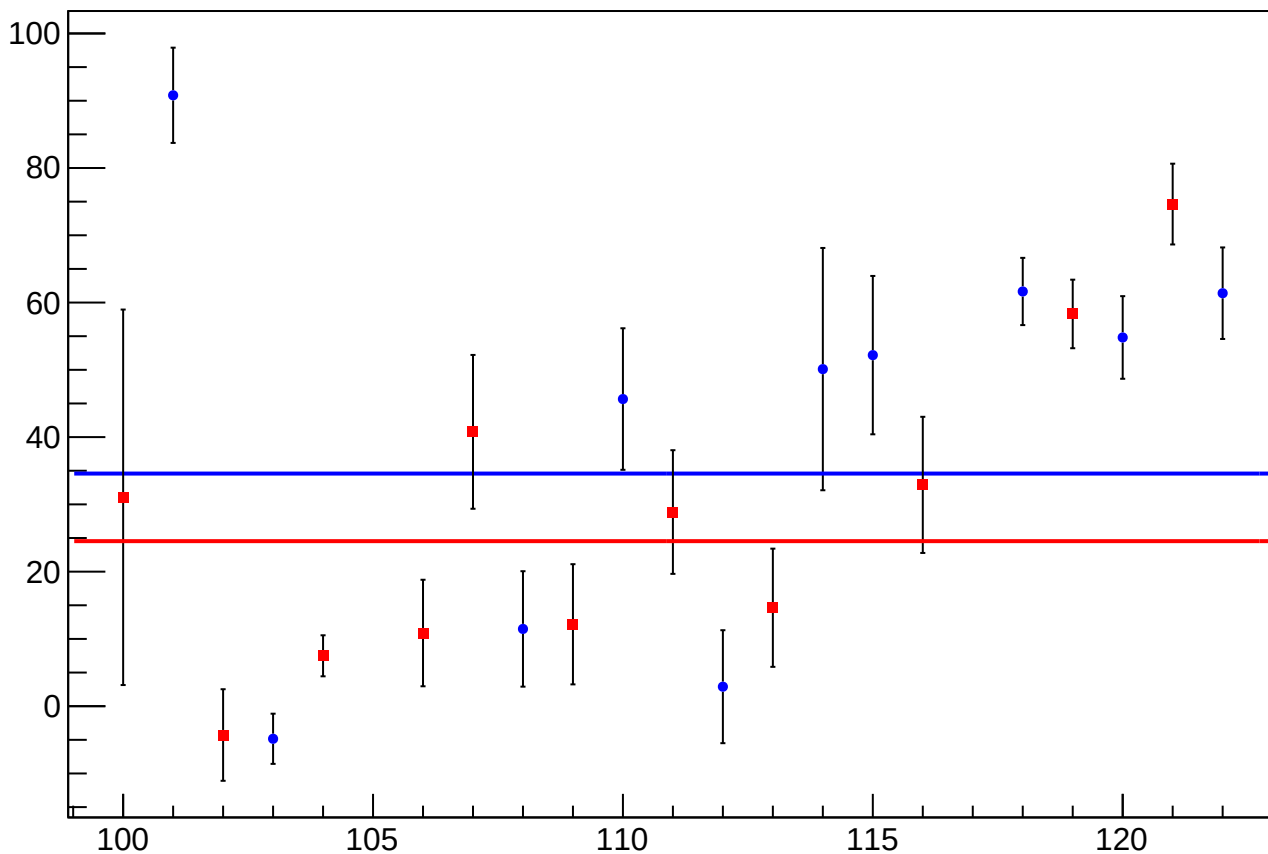
Right: 187.668+/-1.167 χ^2/NDF : 22127.5/20

In: 188.278+/-1.689 χ^2/NDF : 10724.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.668+/-1.167 χ^2/NDF : 22127.5/20

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: 24.534+/-1.934 χ^2/NDF : 171.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

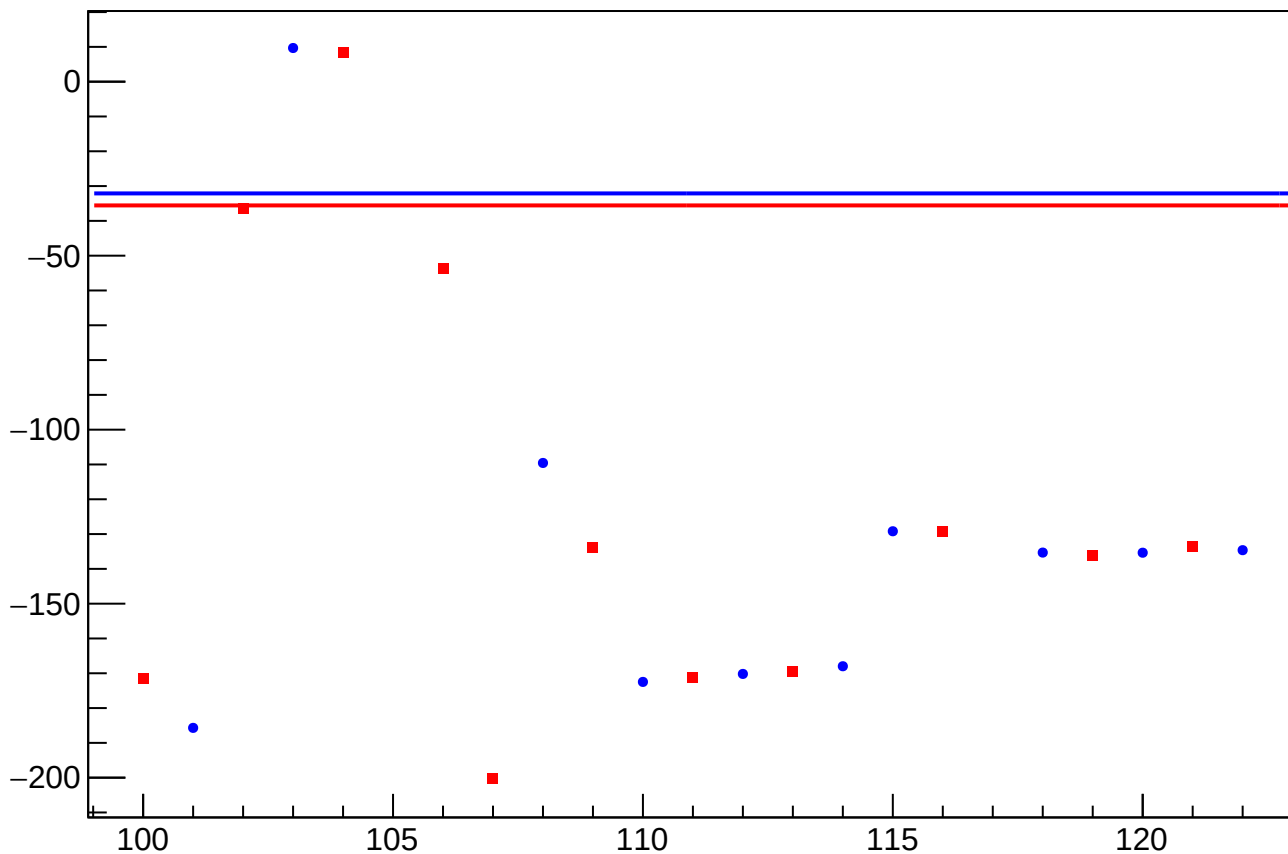
Right: 29.148+/-1.422 χ^2/NDF : 440.4/20

In: 34.580+/-2.098 χ^2/NDF : 256.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.148+/-1.422 χ^2/NDF : 440.4/20

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: -35.559+/-0.083 χ^2/NDF : 506864.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

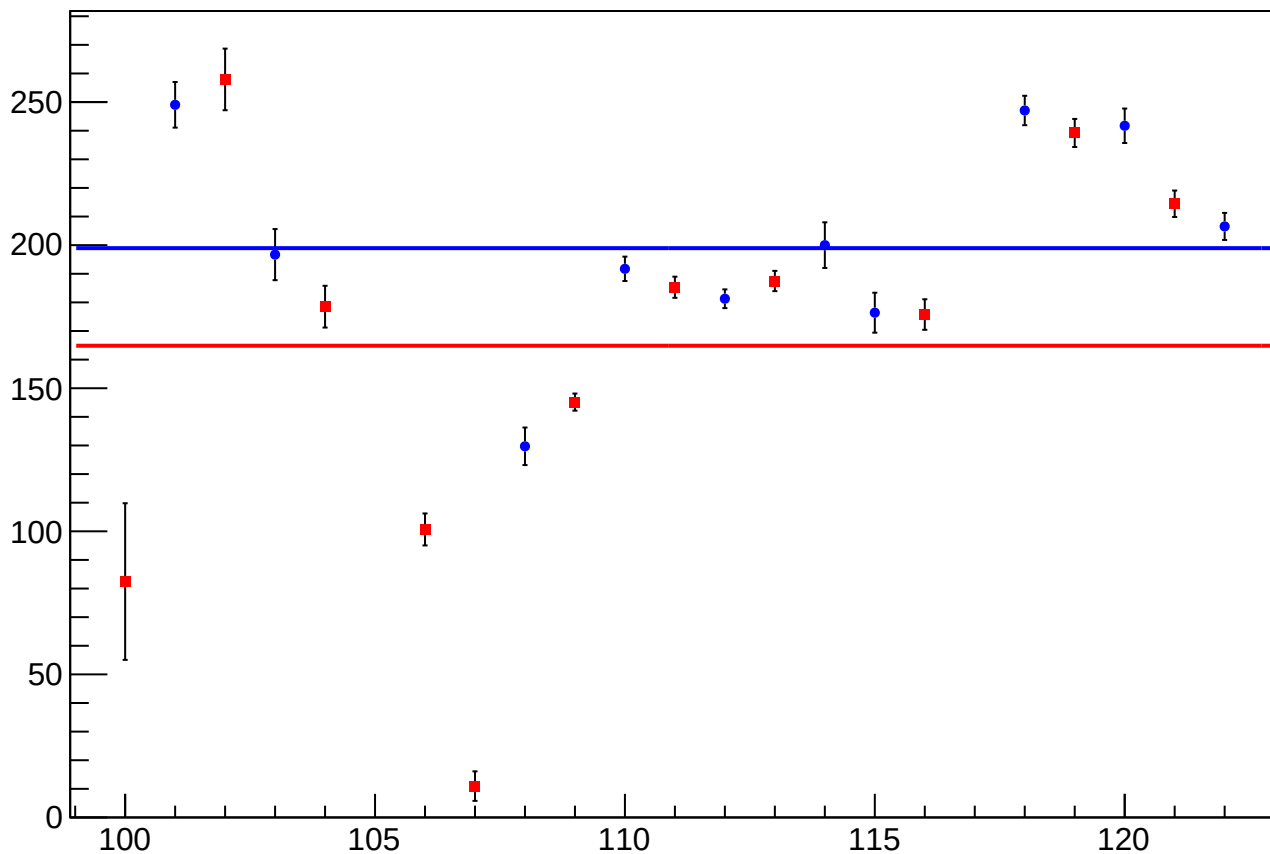
Right: -33.825+/-0.058 χ^2/NDF : 1241412.8/20

In: -32.108+/-0.082 χ^2/NDF : 733676.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.825+/-0.058 χ^2/NDF : 1241412.8/20

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 198.958+/-1.700 χ^2/NDF : 334.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.851+/-1.433 χ^2/NDF : 1573.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

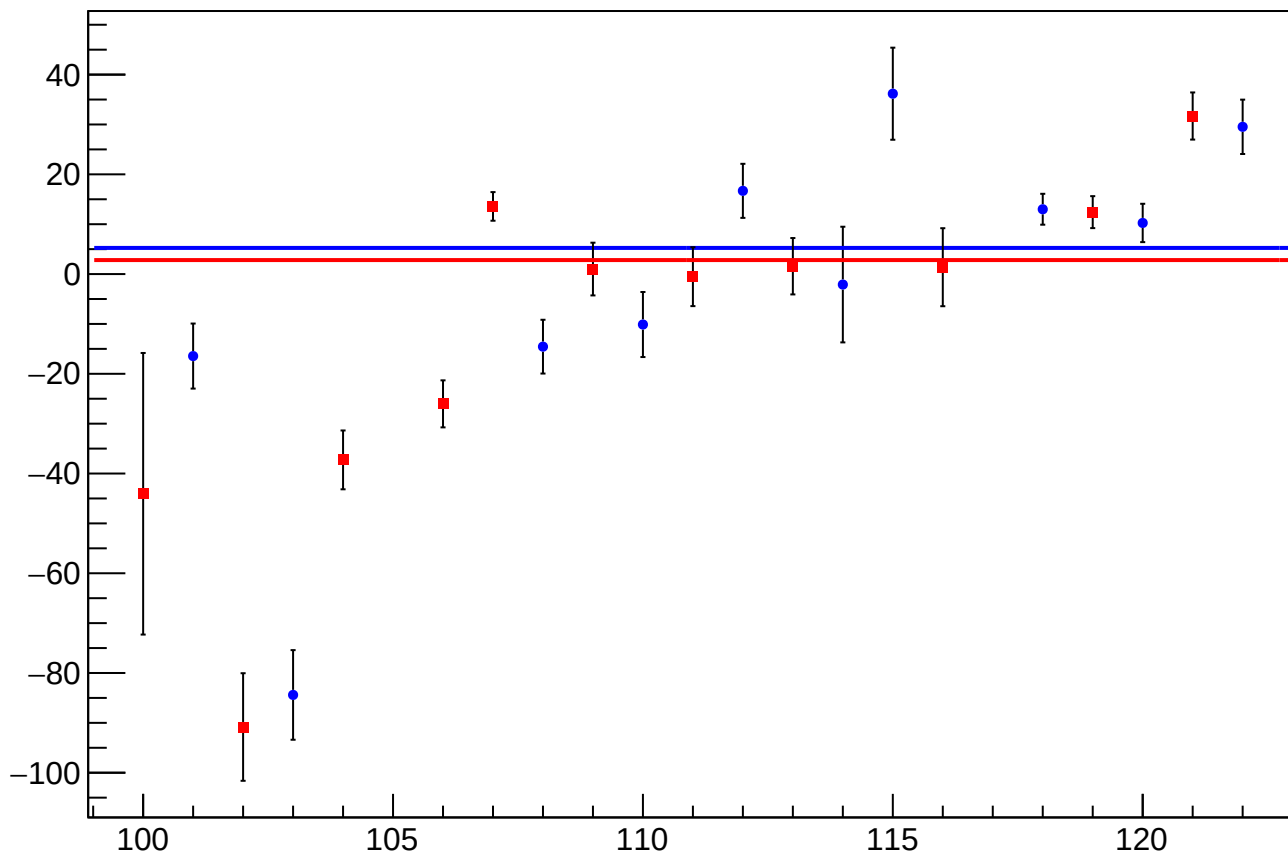
Right: 179.027+/-1.096 χ^2/NDF : 2142.4/20

In: 198.958+/-1.700 χ^2/NDF : 334.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.027+/-1.096 χ^2/NDF : 2142.4/20

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: 2.807+/-1.476 χ^2/NDF : 222.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

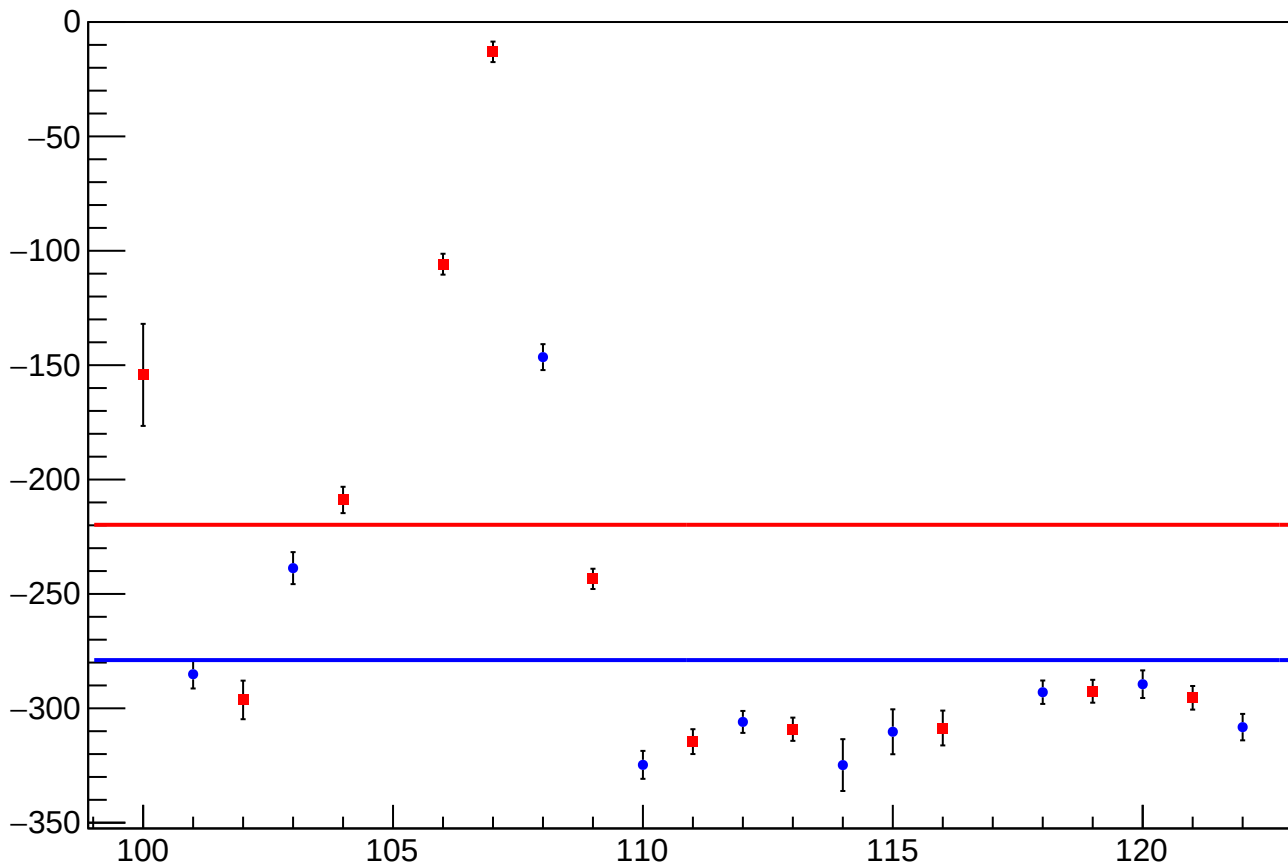
Right: 3.866+/-1.110 χ^2/NDF : 397.3/20

In: 5.245+/-1.684 χ^2/NDF : 173.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.866+/-1.110 χ^2/NDF : 397.3/20

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: -219.778+/-1.661 χ^2/NDF : 4055.1/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

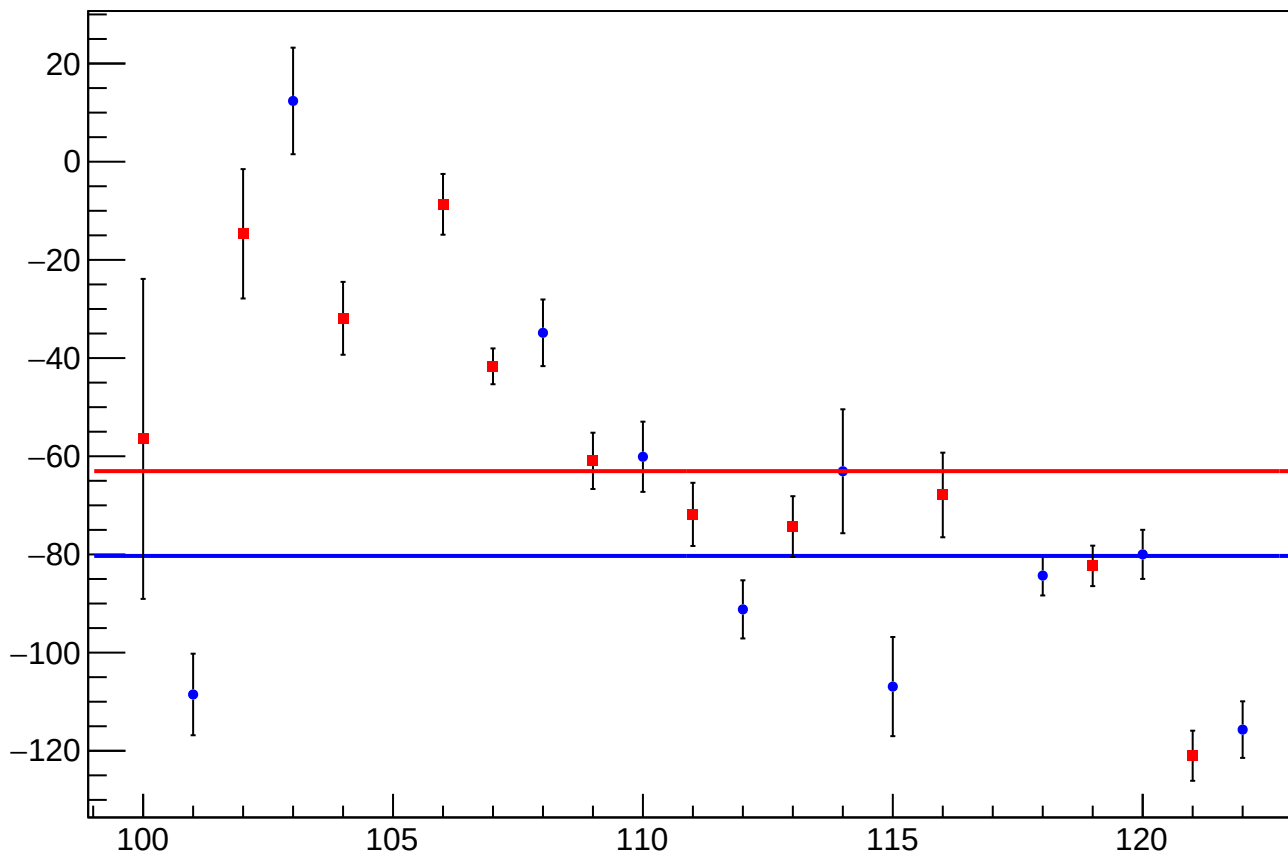
Right: -244.547+/-1.266 χ^2/NDF : 5317.3/20

In: -278.919+/-1.956 χ^2/NDF :731.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -244.547+/-1.266 χ^2/NDF : 5317.3/20

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -80.304 ± 2.042 χ^2/NDF : 188.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.030 ± 1.775 χ^2/NDF : 299.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

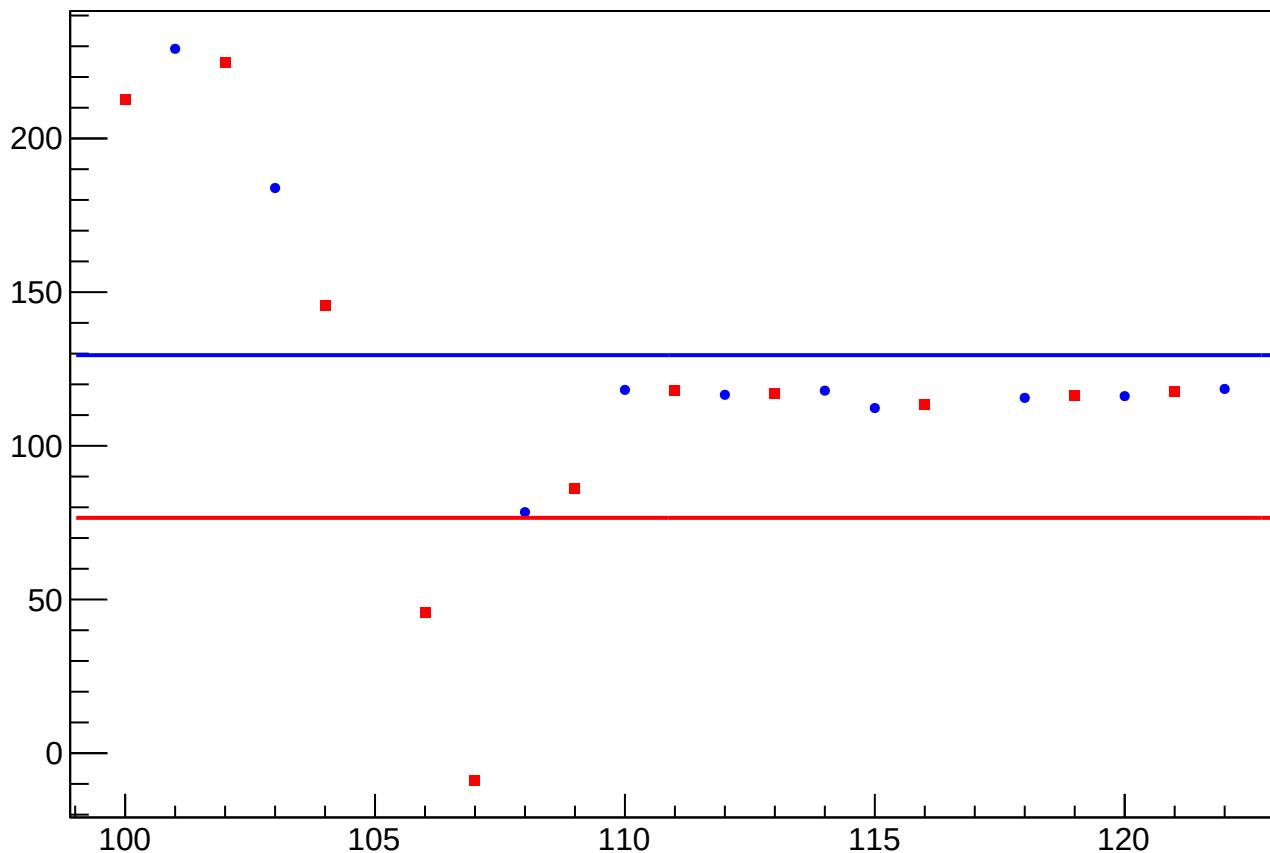
Right: -70.465 ± 1.339 χ^2/NDF : 527.9/20

In: -80.304 ± 2.042 χ^2/NDF : 188.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -70.465 ± 1.339 χ^2/NDF : 527.9/20

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: 76.572+/-0.096 χ^2/NDF : 519650.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

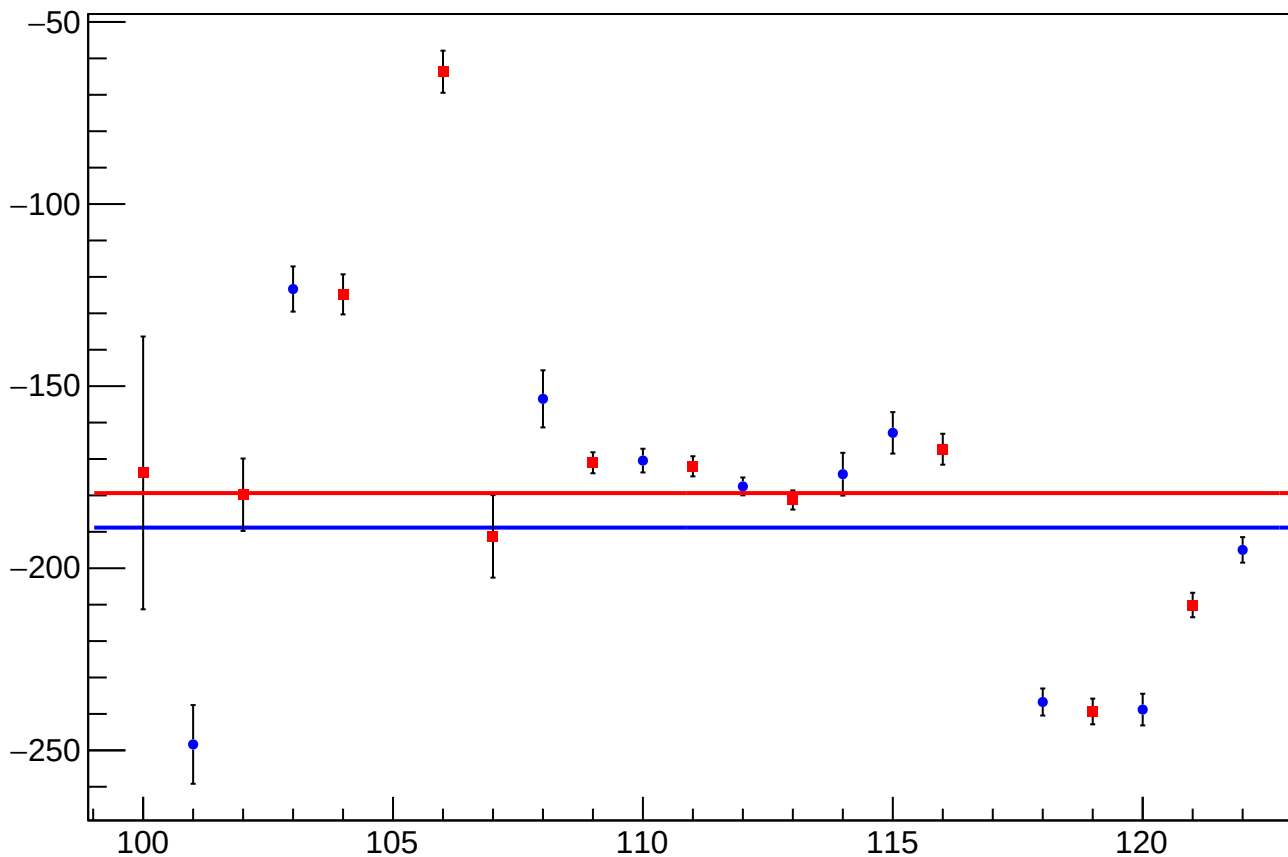
Right: 96.677+/-0.075 χ^2/NDF : 794429.5/20

In: 129.498+/-0.122 χ^2/NDF : 158400.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.677+/-0.075 χ^2/NDF : 794429.5/20

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: -179.363 ± 1.194 χ^2/NDF : 896.1/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

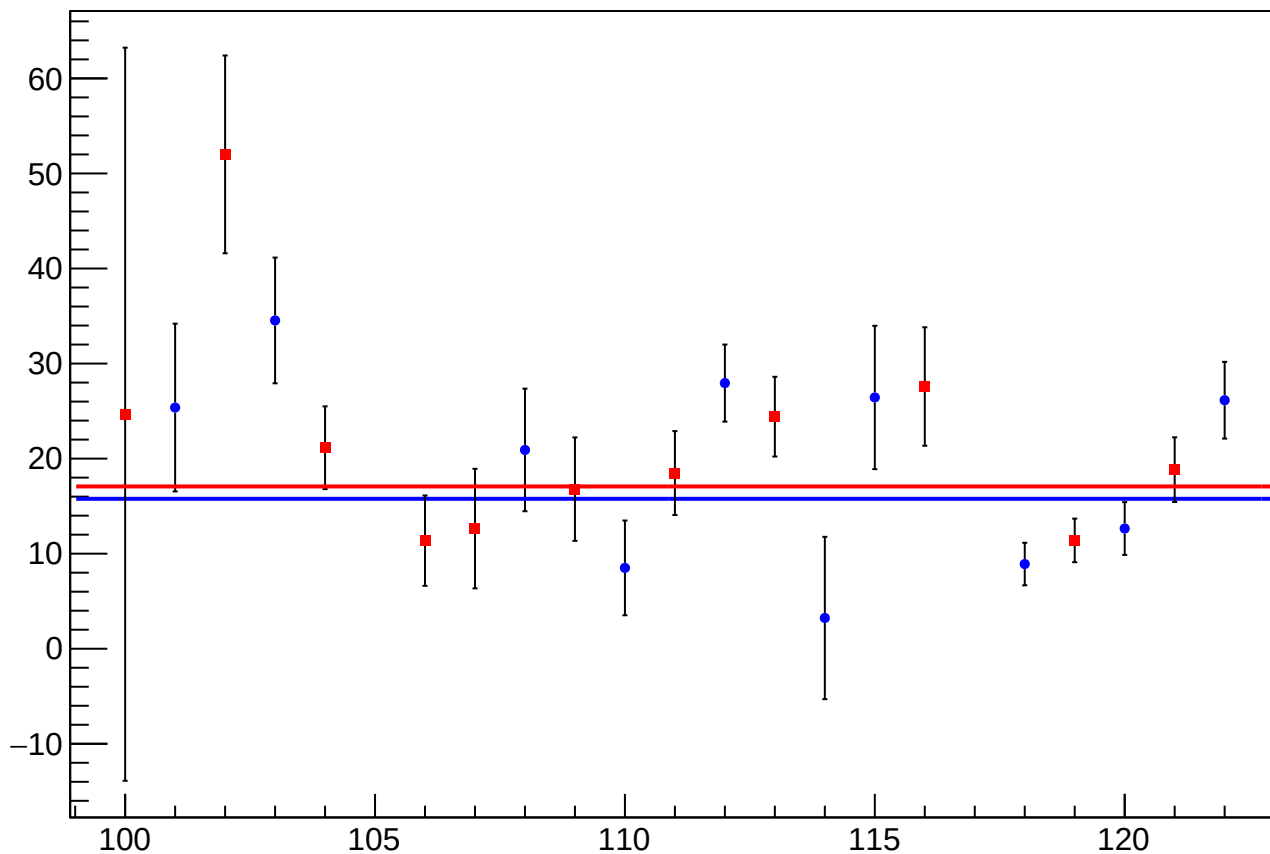
Right: -183.647 ± 0.884 χ^2/NDF : 1468.6/20

In: -188.840 ± 1.314 χ^2/NDF : 544.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -183.647 ± 0.884 χ^2/NDF : 1468.6/20

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.772+/-1.310 χ^2/NDF : 42.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.073+/-1.317 χ^2/NDF : 26.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

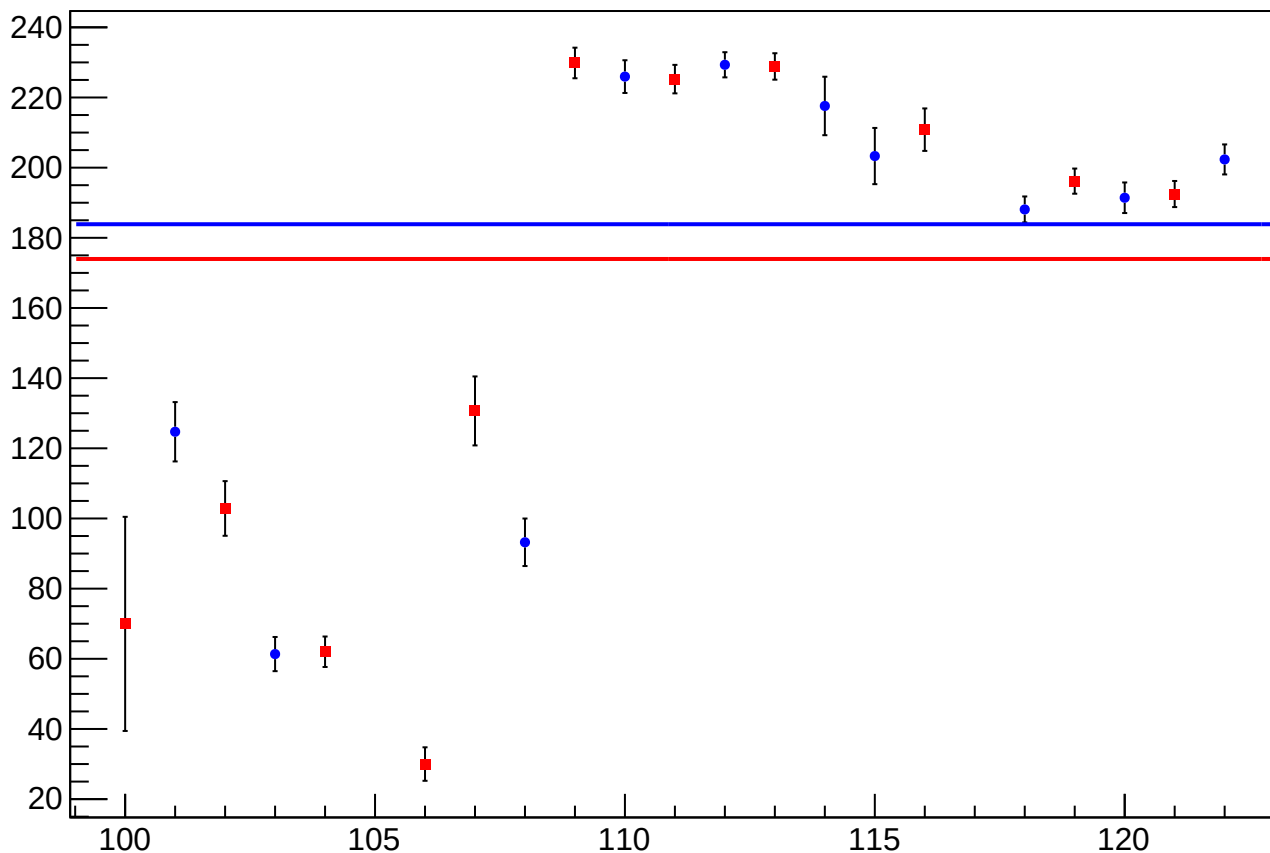
Right: 16.419+/-0.929 χ^2/NDF : 69.5/20

In: 15.772+/-1.310 χ^2/NDF : 42.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.419+/-0.929 χ^2/NDF : 69.5/20

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: 173.967+/-1.435 χ^2/NDF : 2324.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

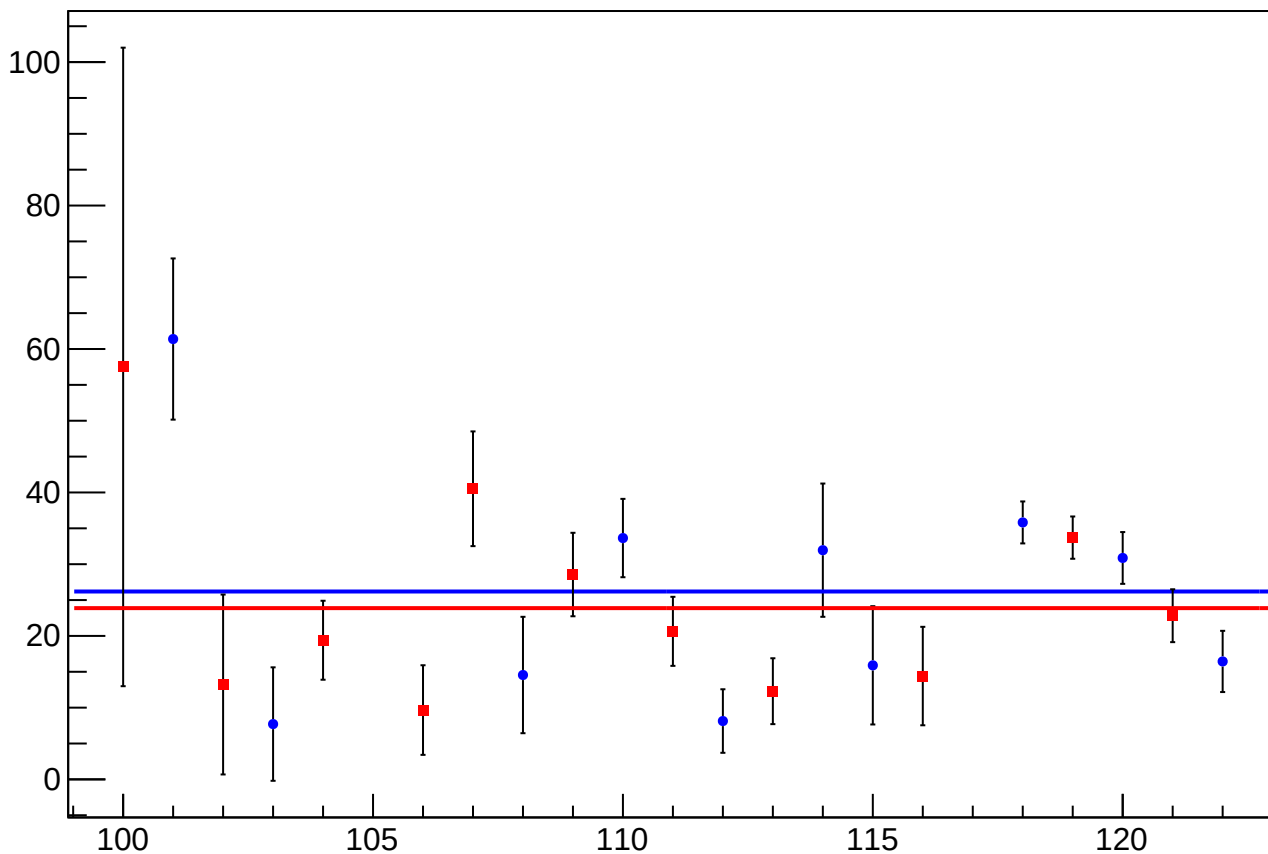
Right: 178.512+/-1.055 χ^2/NDF : 3494.4/20

In: 183.873+/-1.558 χ^2/NDF : 1148.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.512+/-1.055 χ^2/NDF : 3494.4/20

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: 23.874+/-1.559 χ^2/NDF : 32.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

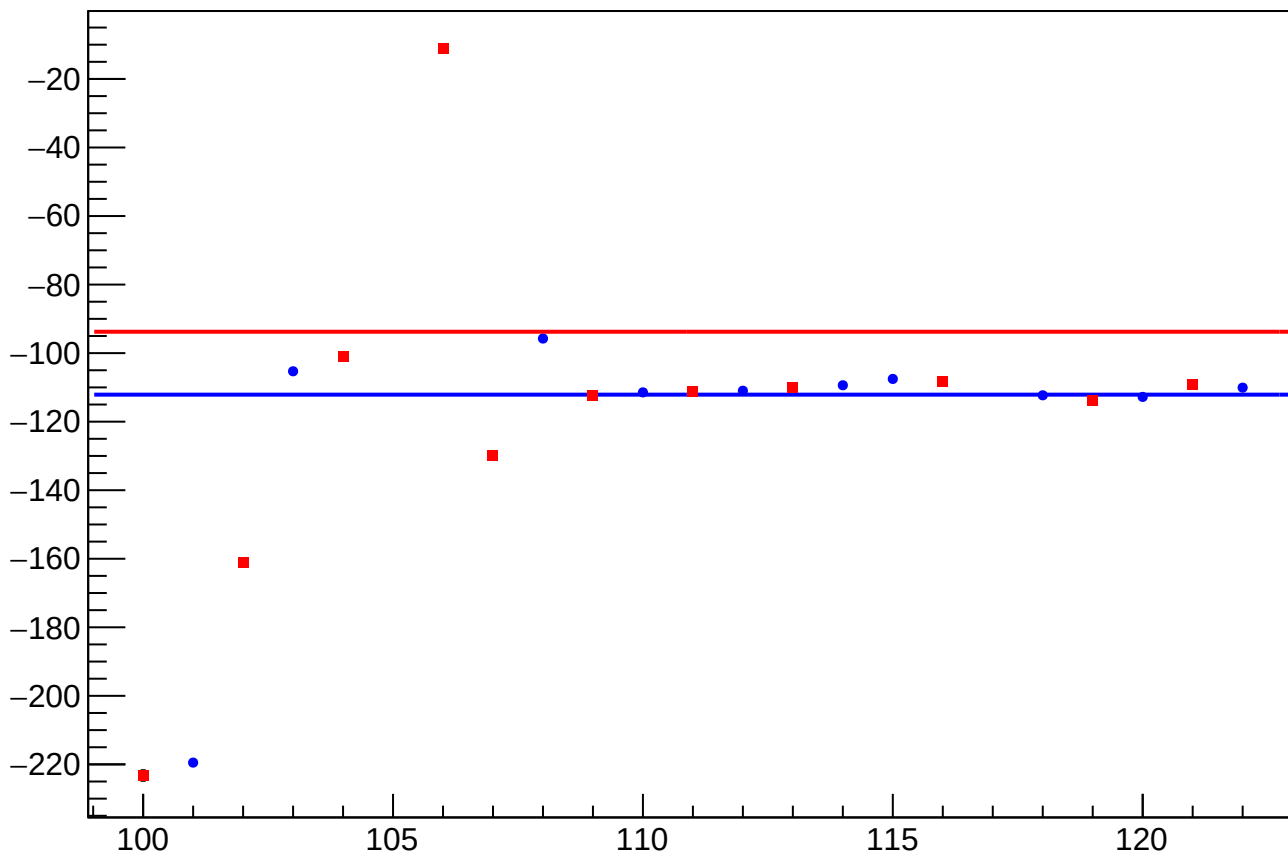
Right: 25.015+/-1.111 χ^2/NDF : 88.6/20

In: 26.193+/-1.584 χ^2/NDF : 55.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.015+/-1.111 χ^2/NDF : 88.6/20

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: -93.761+/-0.090 χ^2/NDF : 246202.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

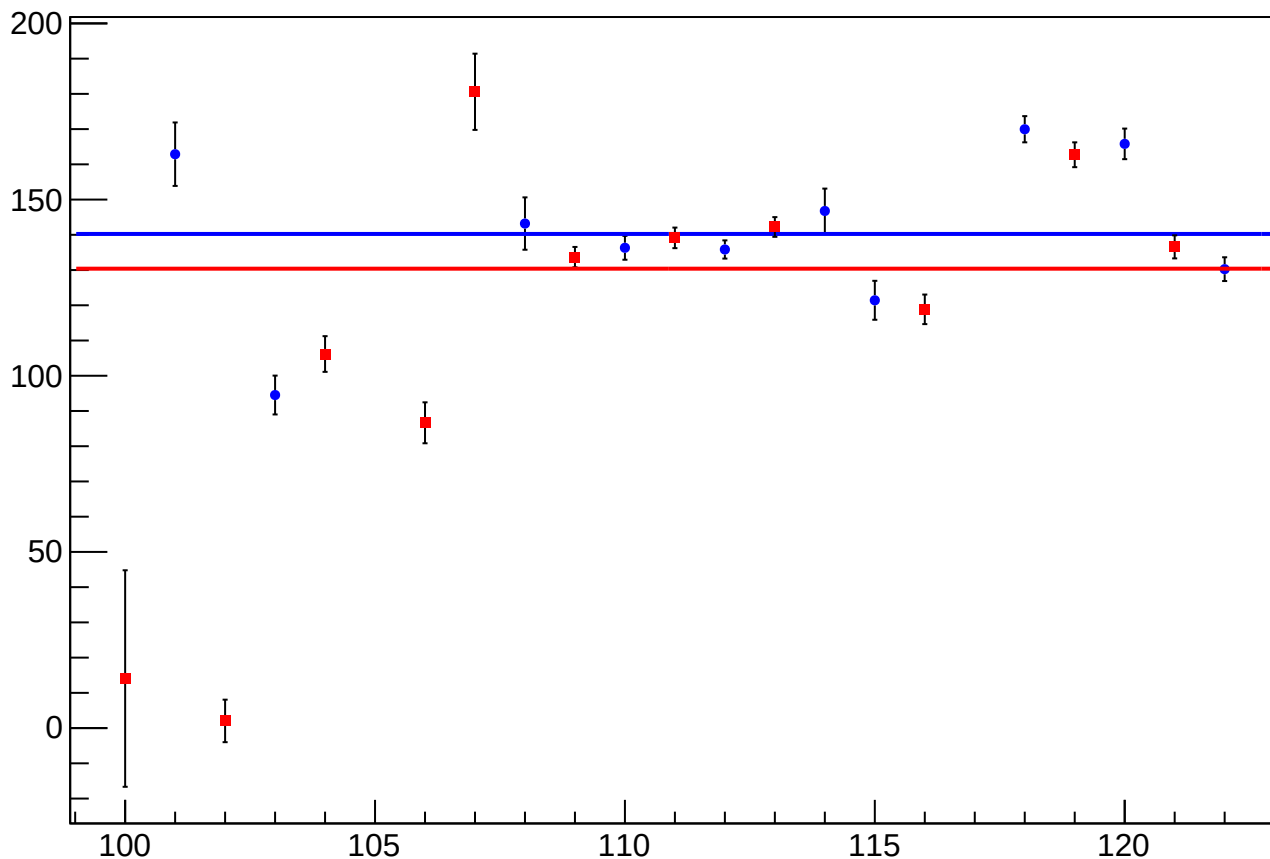
Right: -101.788+/-0.068 χ^2/NDF : 314649.0/20

In: -112.116+/-0.102 χ^2/NDF : 50377.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.788+/-0.068 χ^2/NDF : 314649.0/20

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: 130.387+/-1.194 χ^2/NDF : 691.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

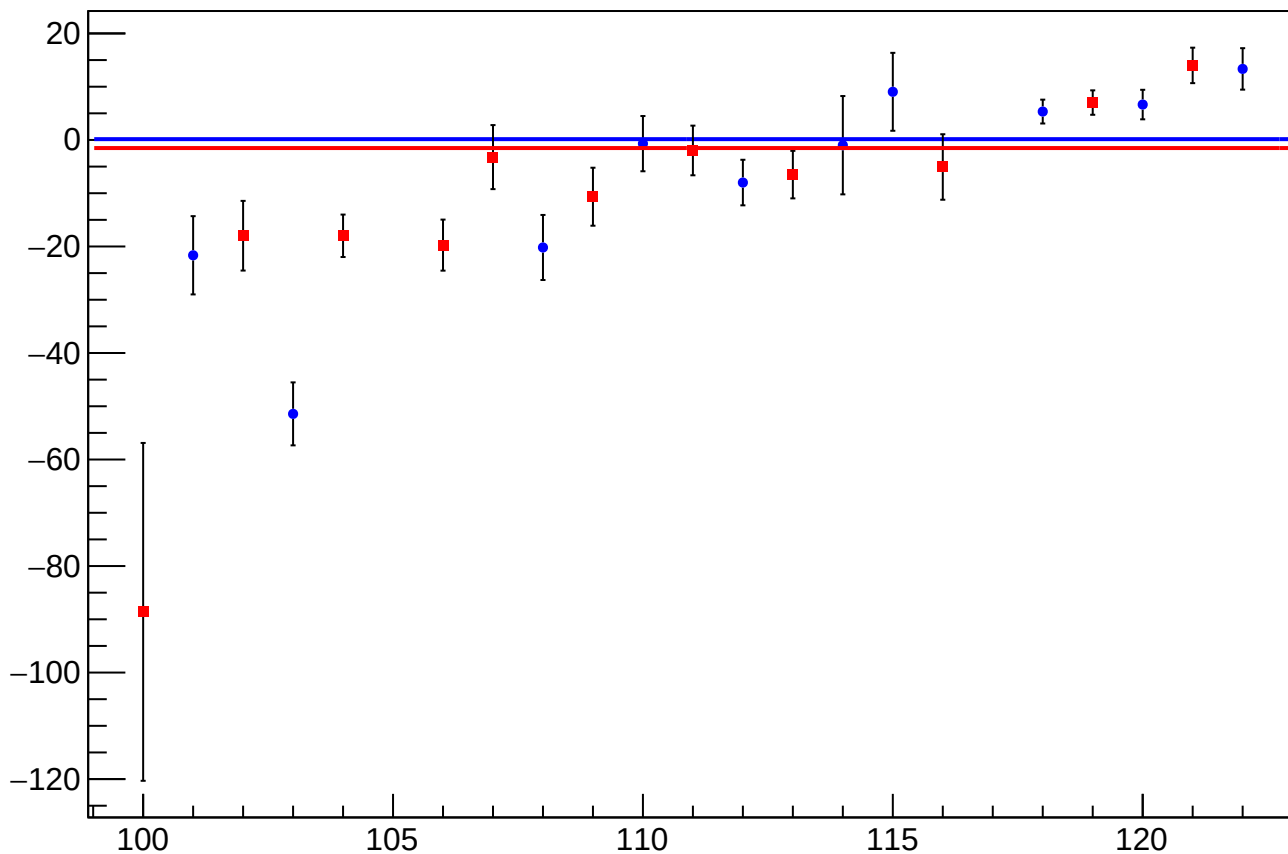
Right: 134.810+/-0.886 χ^2/NDF : 921.9/20

In: 140.245+/-1.323 χ^2/NDF : 199.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.810+/-0.886 χ^2/NDF : 921.9/20

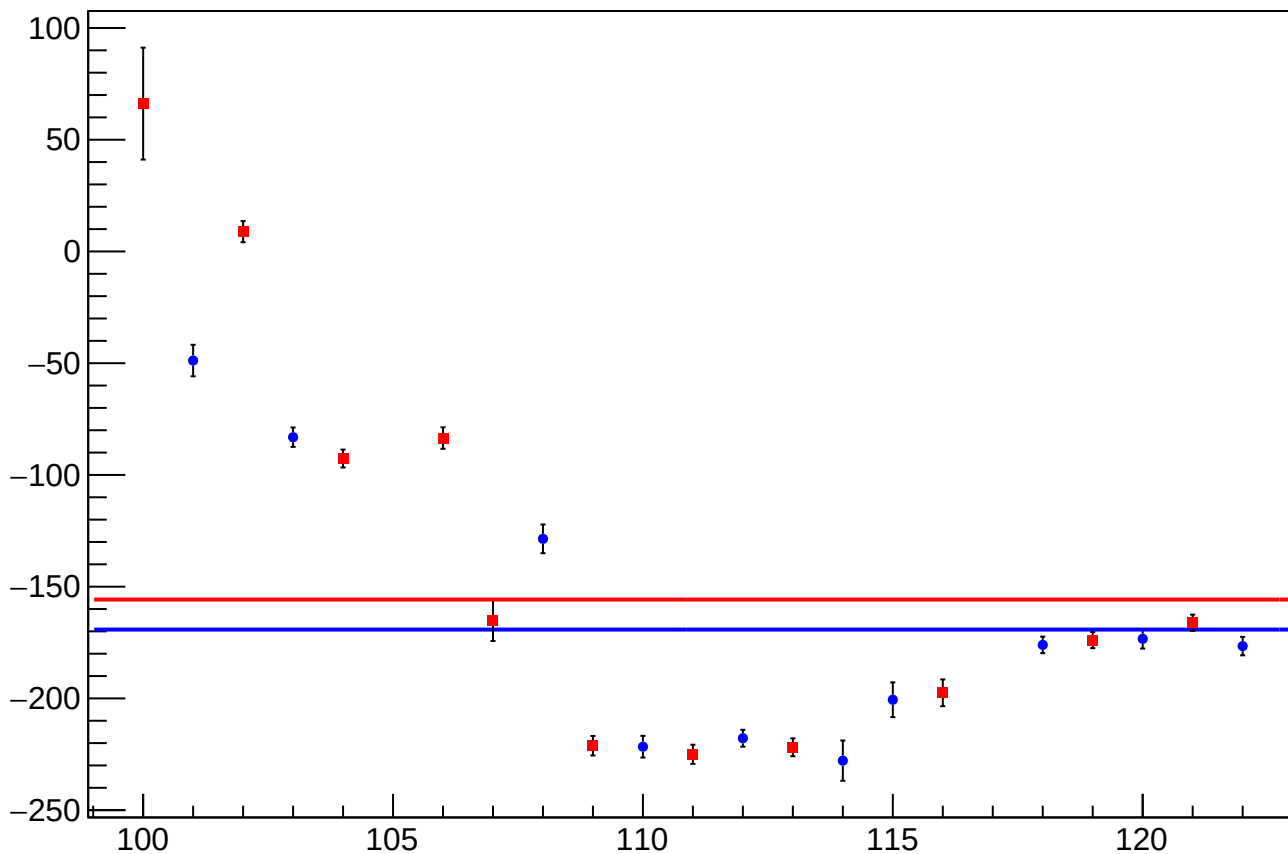
reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -1.520+/-1.296 χ^2/NDF : 85.5/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.686+/-0.918 χ^2/NDF : 209.8/20
 In: 0.152+/-1.300 χ^2/NDF : 123.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.686+/-0.918 χ^2/NDF : 209.8/20

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: -155.763+/-1.394 χ^2/NDF : 2607.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

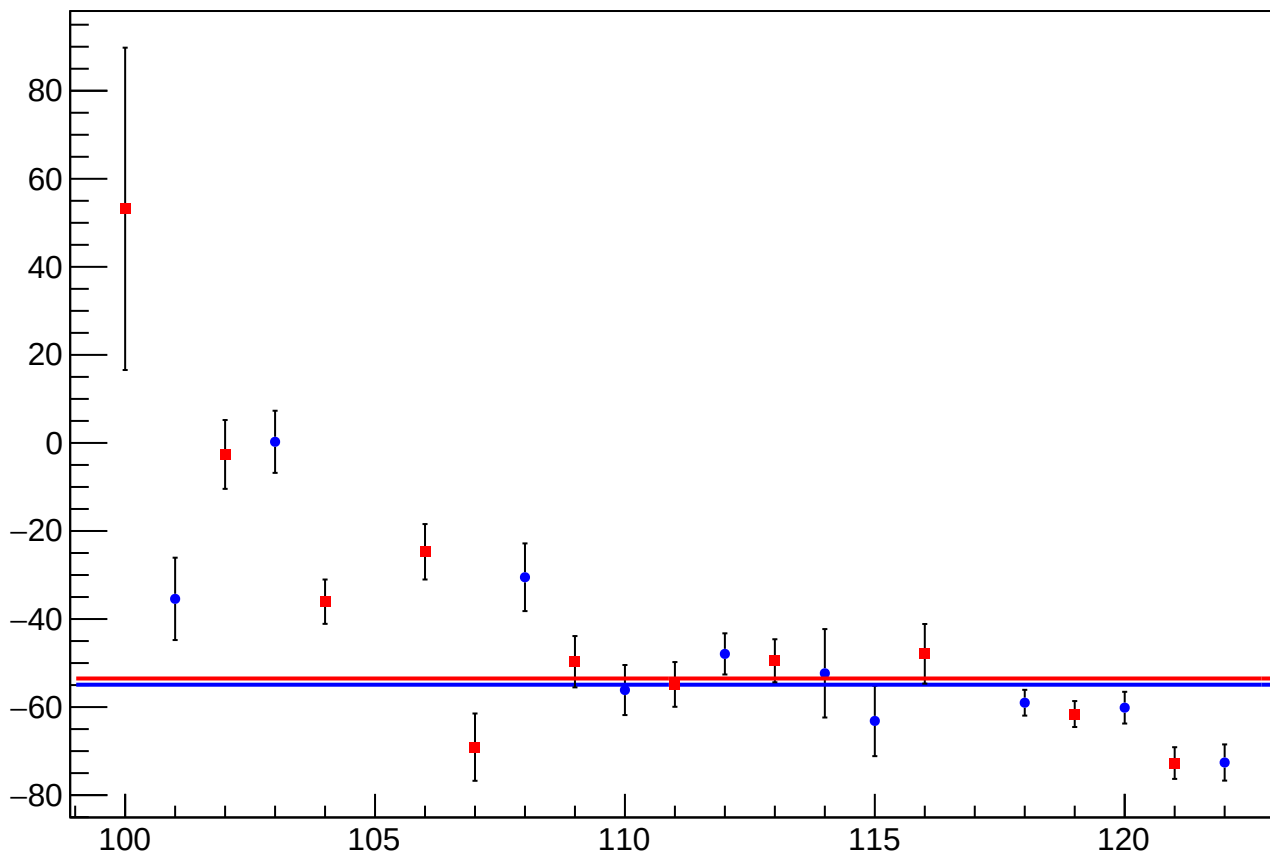
Right: -161.829+/-1.033 χ^2/NDF : 3725.2/20

In: -169.197+/-1.537 χ^2/NDF : 1075.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -161.829+/-1.033 χ^2/NDF : 3725.2/20

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: -53.508+/-1.538 χ^2/NDF : 125.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

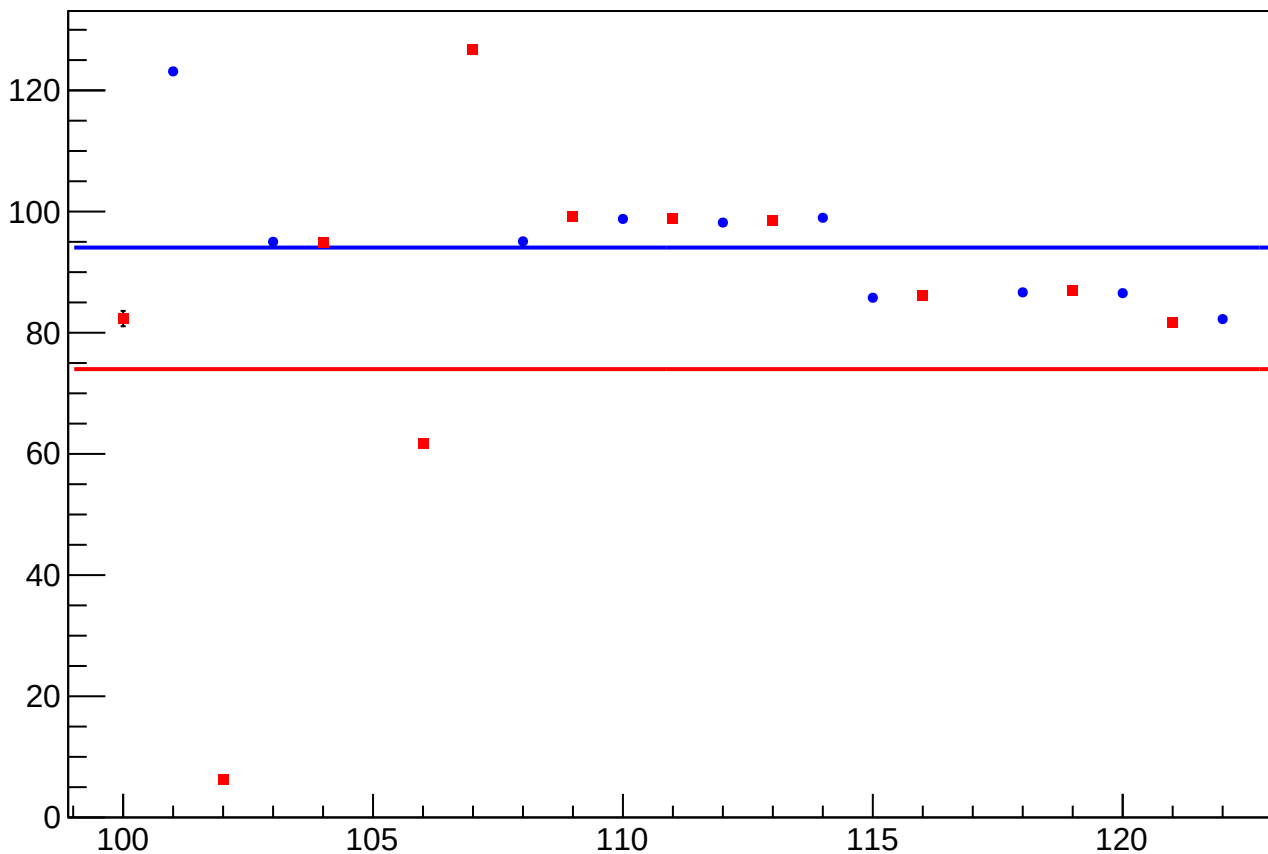
Right: -54.197+/-1.100 χ^2/NDF : 227.7/20

In: -54.919+/-1.574 χ^2/NDF : 101.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.197+/-1.100 χ^2/NDF : 227.7/20

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: 73.996+/-0.084 χ^2/NDF : 168719.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

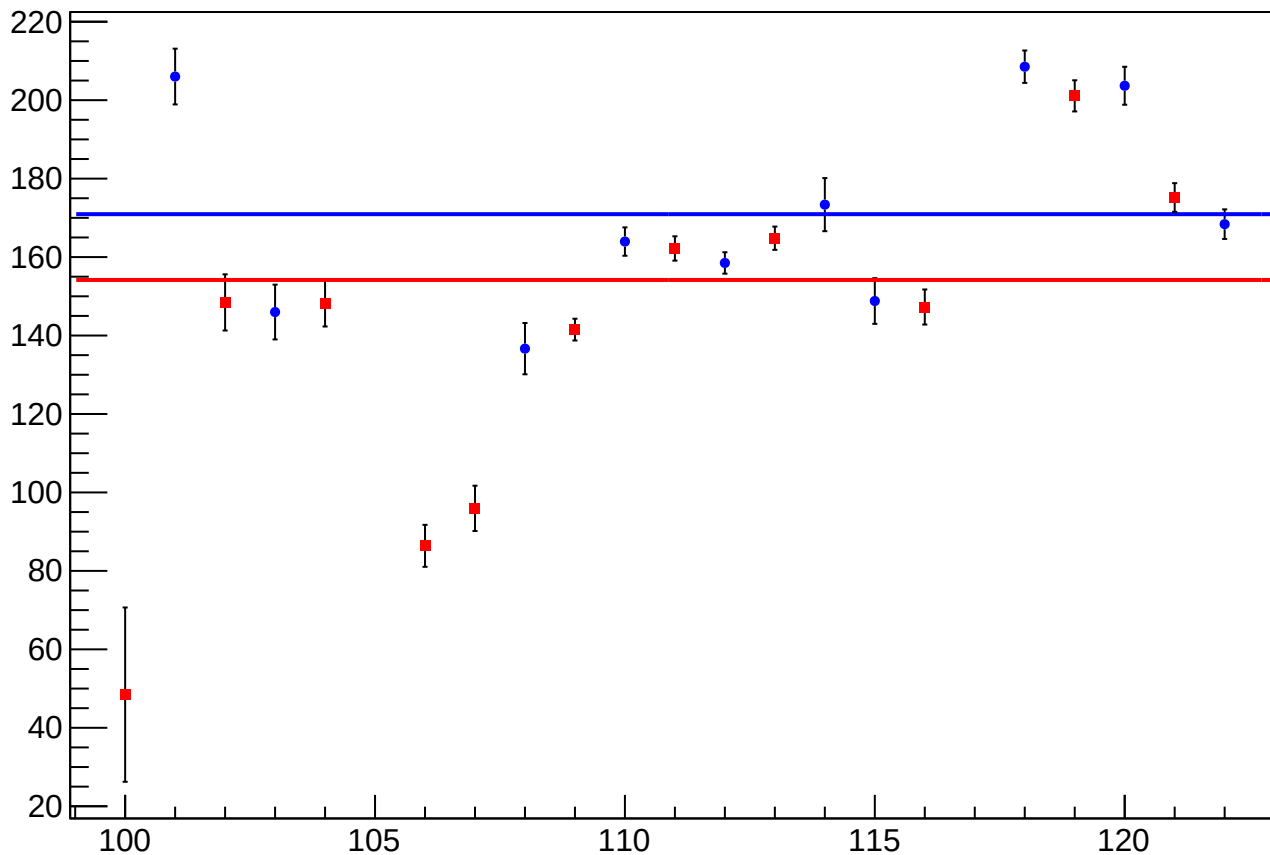
Right: 82.489+/-0.064 χ^2/NDF : 200844.8/20

In: 94.057+/-0.098 χ^2/NDF : 8027.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.489+/-0.064 χ^2/NDF : 200844.8/20

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: 154.169+/-1.239 χ^2/NDF : 502.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

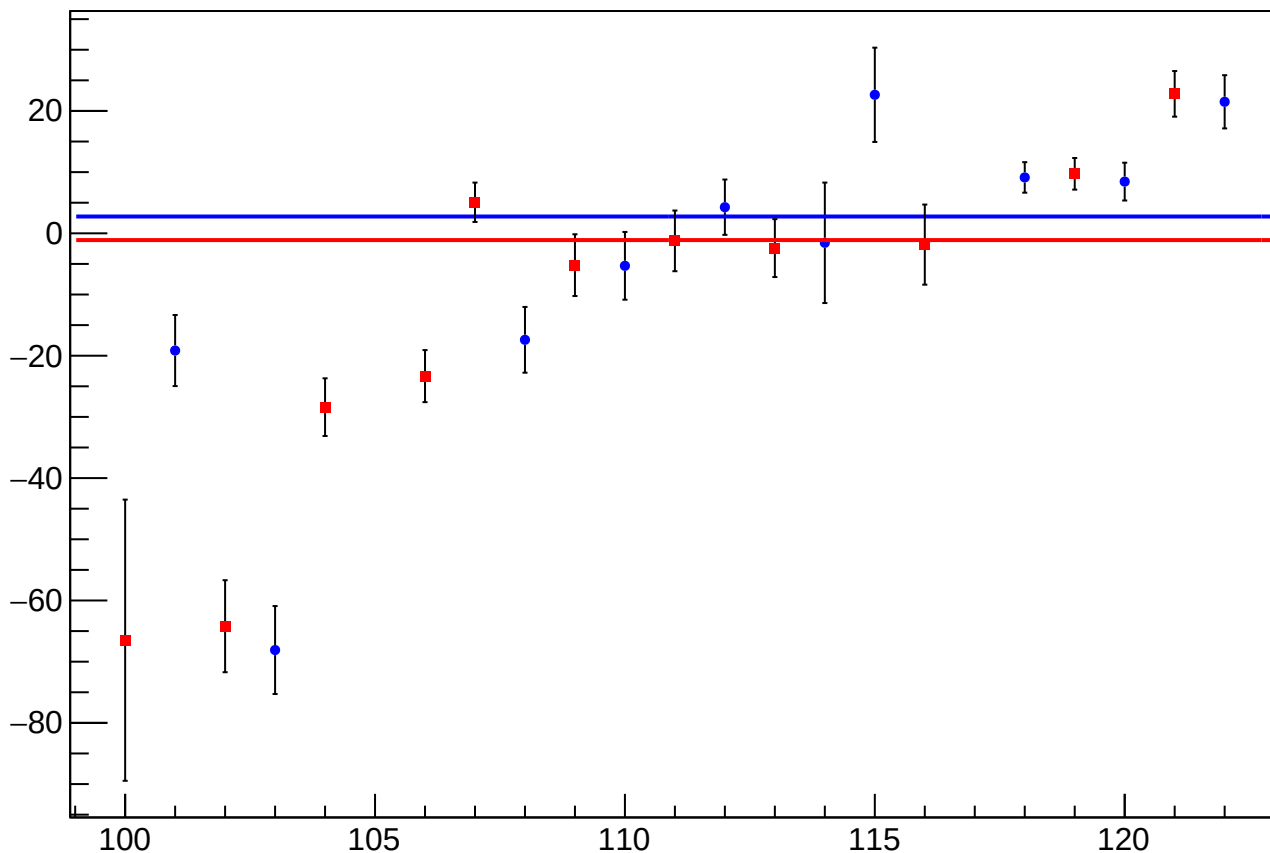
Right: 161.428+/-0.933 χ^2/NDF : 814.2/20

In: 170.939+/-1.418 χ^2/NDF : 232.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.428+/-0.933 χ^2/NDF : 814.2/20

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: -1.104+/-1.306 χ^2/NDF : 202.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

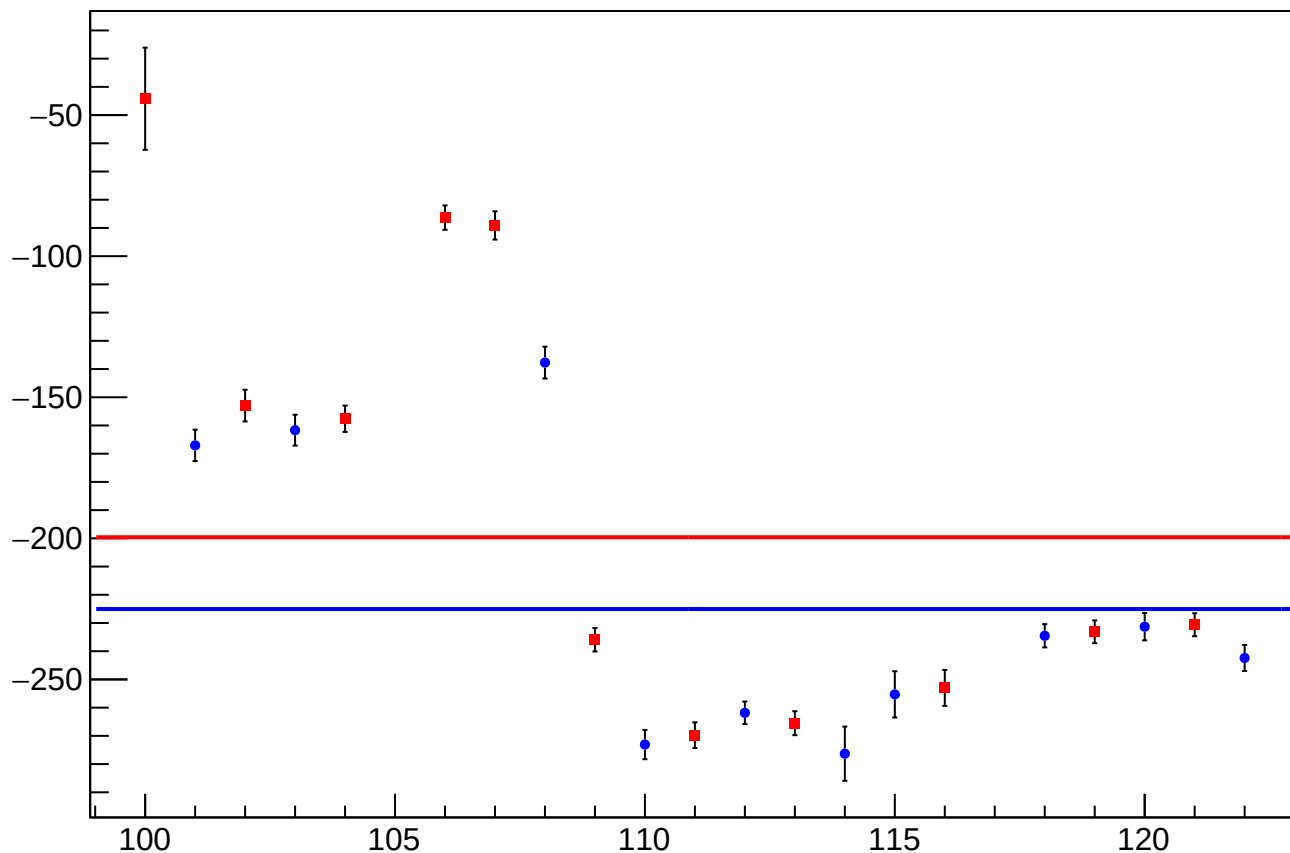
Right: 0.691+/-0.955 χ^2/NDF : 369.6/20

In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.691+/-0.955 χ^2/NDF : 369.6/20

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: -199.613+/-1.440 χ^2 /NDF: 2150.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

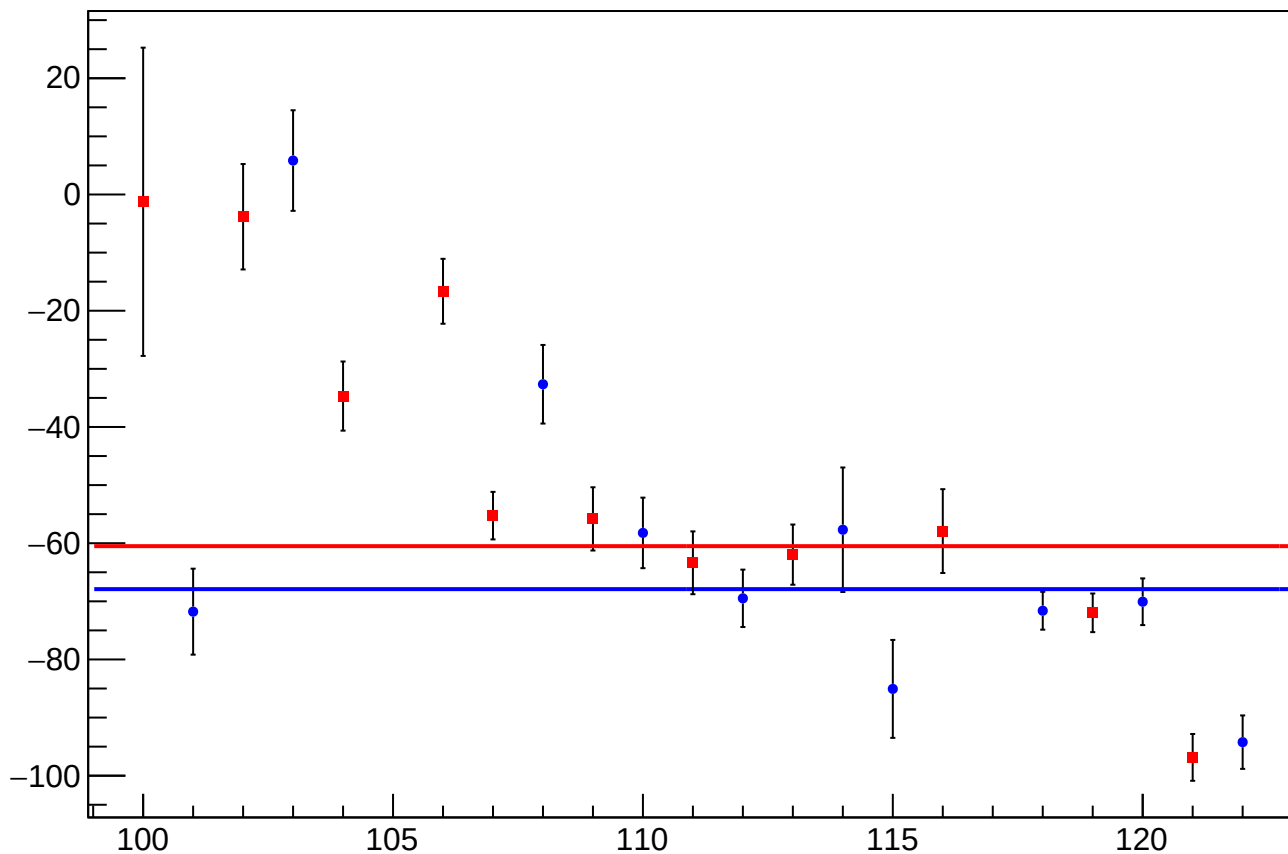
Right: -210.677+/-1.083 χ^2 /NDF: 3002.2/20

In: -225.048+/-1.641 χ^2 /NDF:716.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -210.677+/-1.083 χ^2 /NDF: 3002.2/20

reg_asym_atl_dd_atr_dd_avg_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: -60.505 ± 1.561 $\chi^2/\text{NDF}: 220.8/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

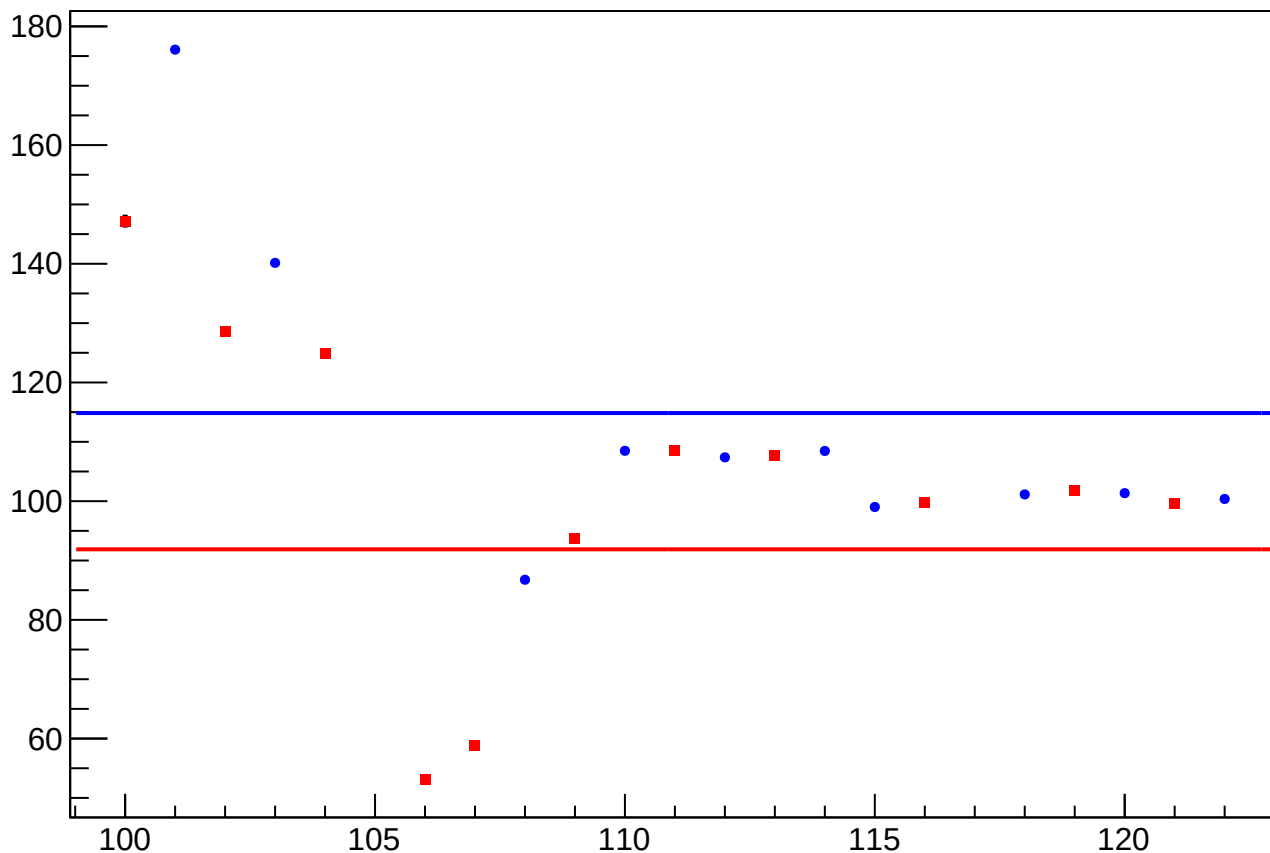
Right: -63.899 ± 1.148 $\chi^2/\text{NDF}: 373.2/20$

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: -63.899 ± 1.148 $\chi^2/\text{NDF}: 373.2/20$

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: 91.886+/-0.085 χ^2/NDF : 120304.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

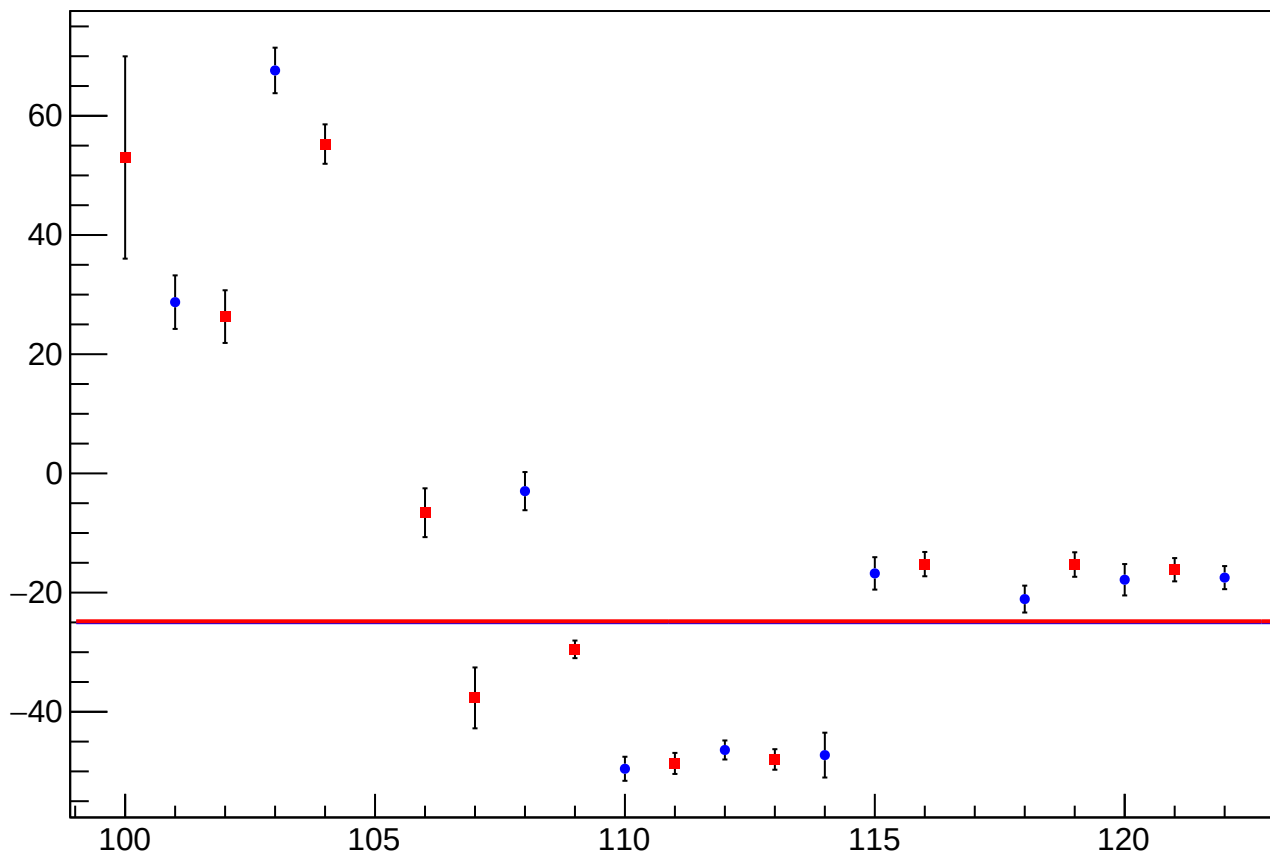
Right: 100.944+/-0.066 χ^2/NDF : 216488.0/20

In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.944+/-0.066 χ^2/NDF : 216488.0/20

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: -24.814 $\pm$ 0.690 χ^2 /NDF: 1203.7/10

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

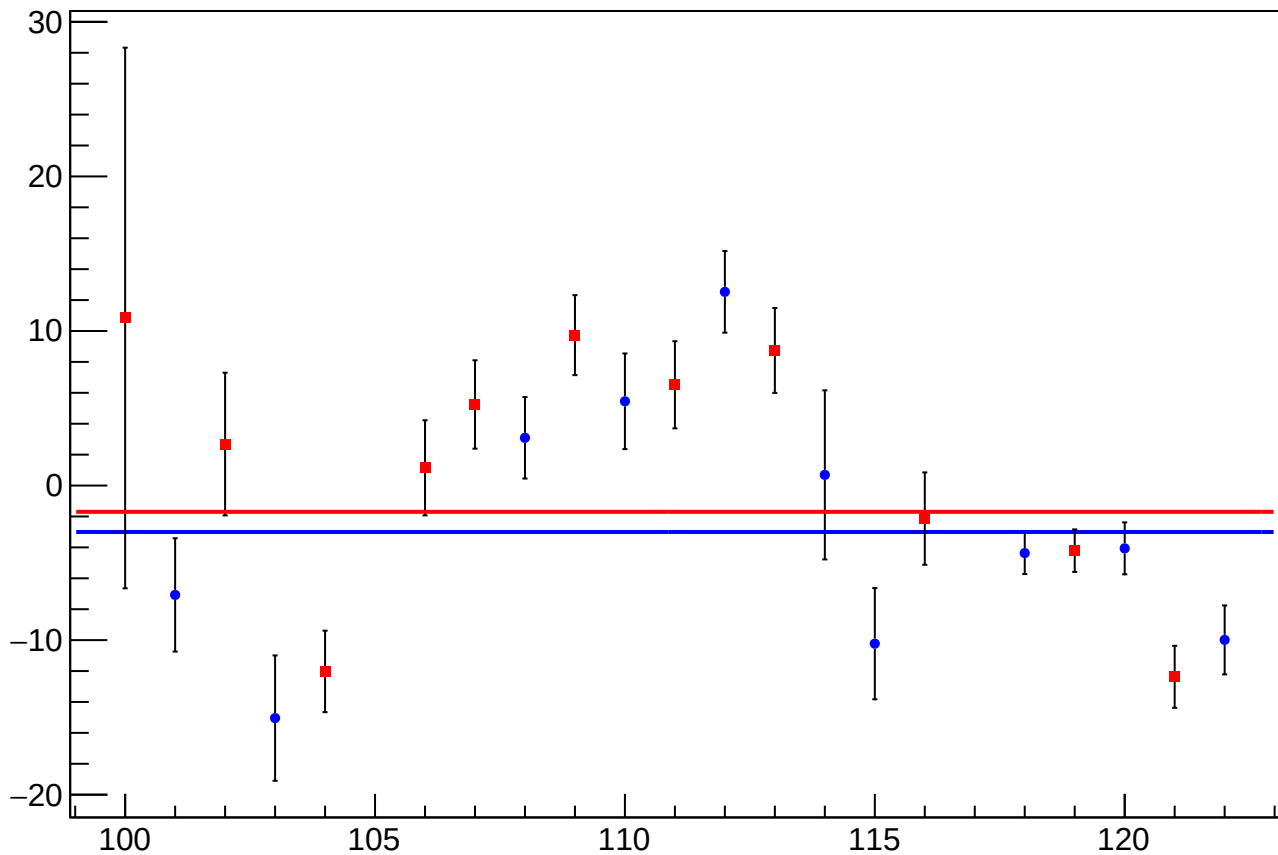
Right: -24.881 $\pm$ 0.515 χ^2 /NDF: 2379.6/20

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: -24.881 $\pm$ 0.515 χ^2 /NDF: 2379.6/20

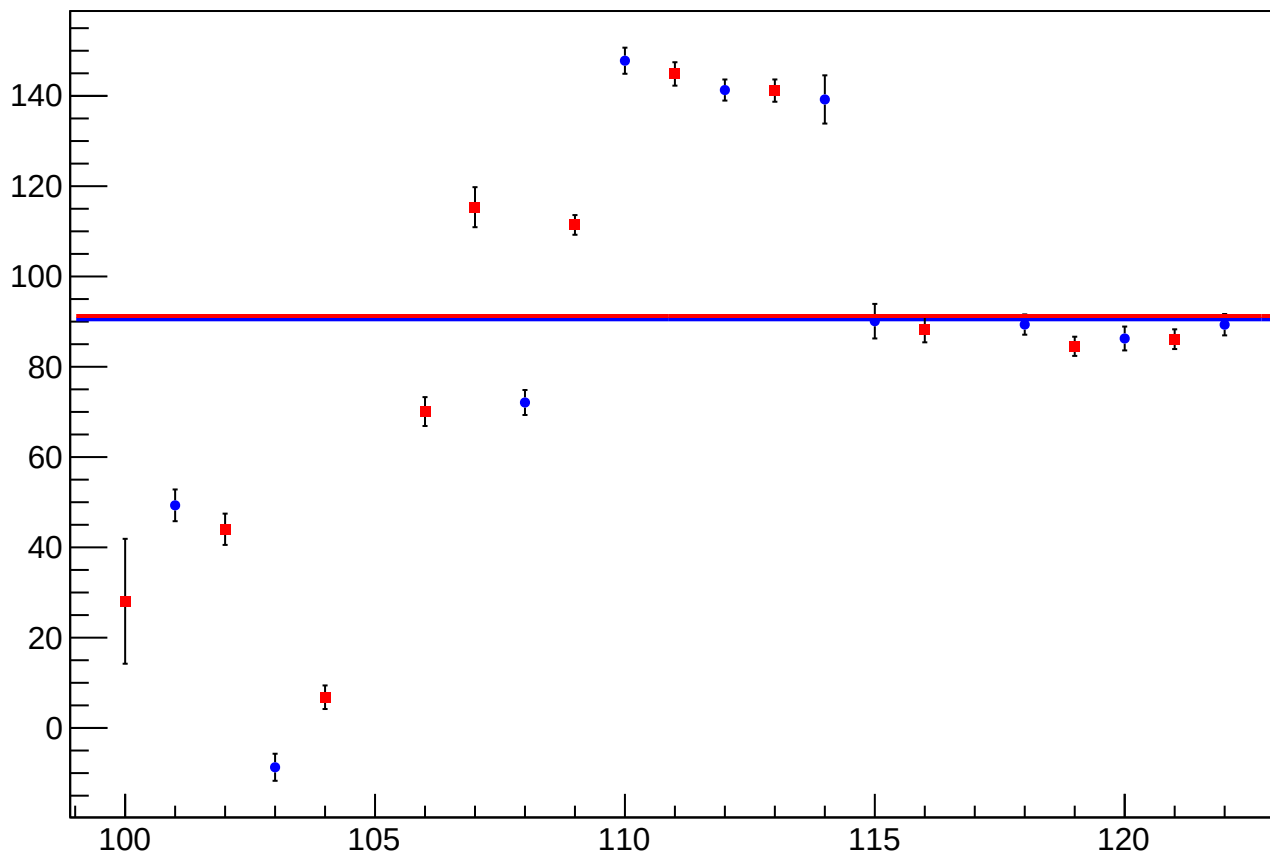
reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -1.699+/-0.762 χ^2/NDF : 97.7/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -2.354+/-0.538 χ^2/NDF : 172.4/20
 In: -3.003+/-0.759 χ^2/NDF : 73.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.354+/-0.538 χ^2/NDF : 172.4/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.513+/-0.895 χ^2/NDF : 2229.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.245+/-0.829 χ^2/NDF : 2265.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

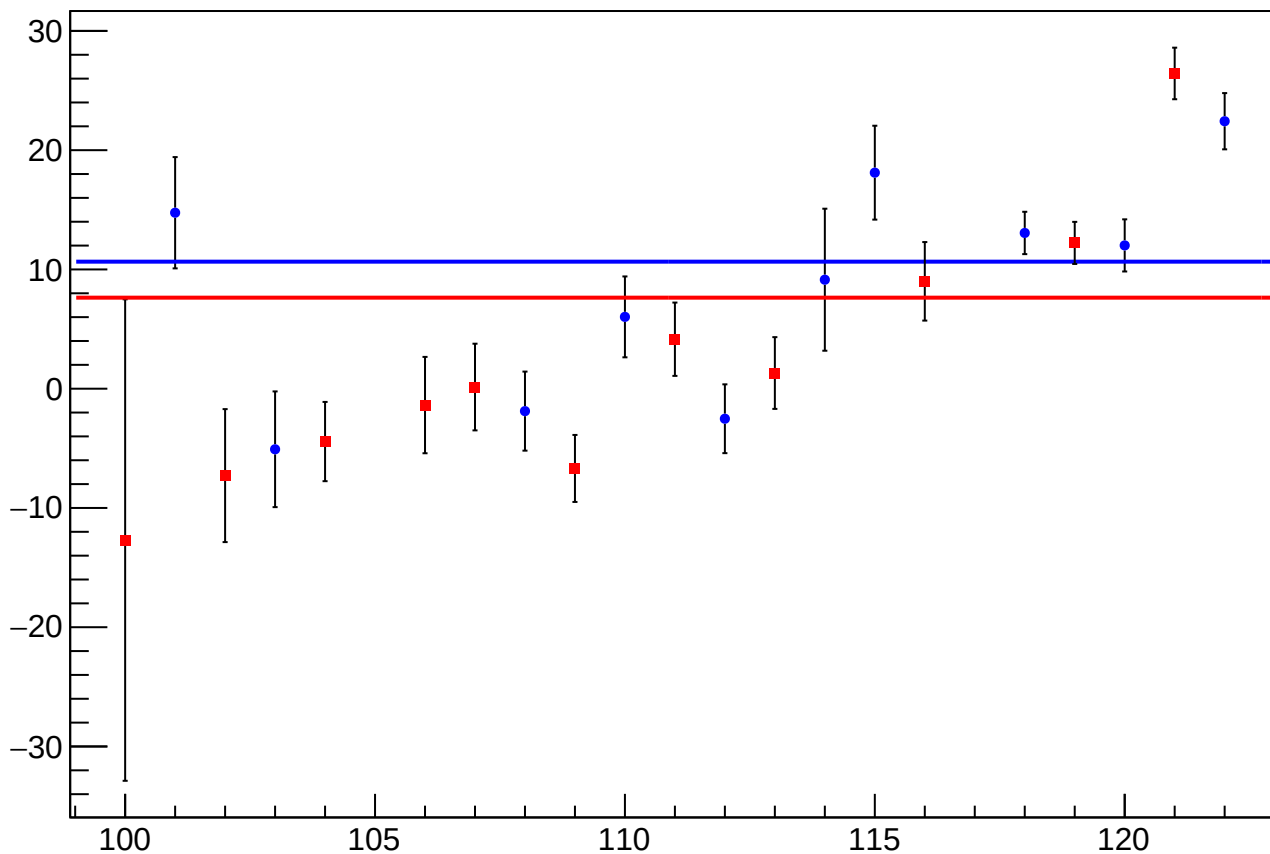
Right: 90.907+/-0.608 χ^2/NDF : 4495.2/20

In: 90.513+/-0.895 χ^2/NDF : 2229.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.907+/-0.608 χ^2/NDF : 4495.2/20

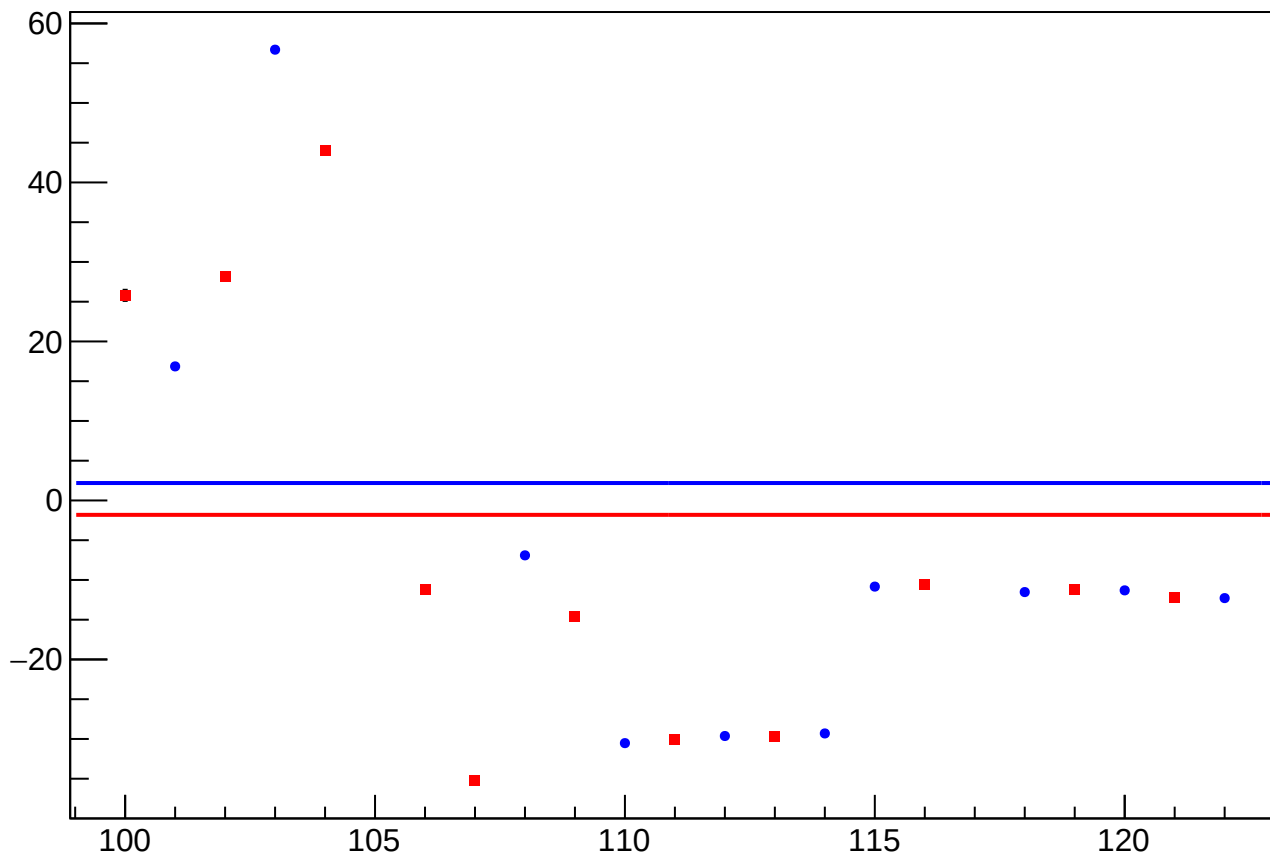
reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 7.633 $\pm$ 0.901 χ^2 /NDF: 144.8/10
 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: 9.113 $\pm$ 0.643 χ^2 /NDF: 229.5/20
 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: 9.113 $\pm$ 0.643 χ^2 /NDF: 229.5/20

reg_asym_atl_dd_atr_dd_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: -1.811+/-0.053 χ^2/NDF : 267448.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

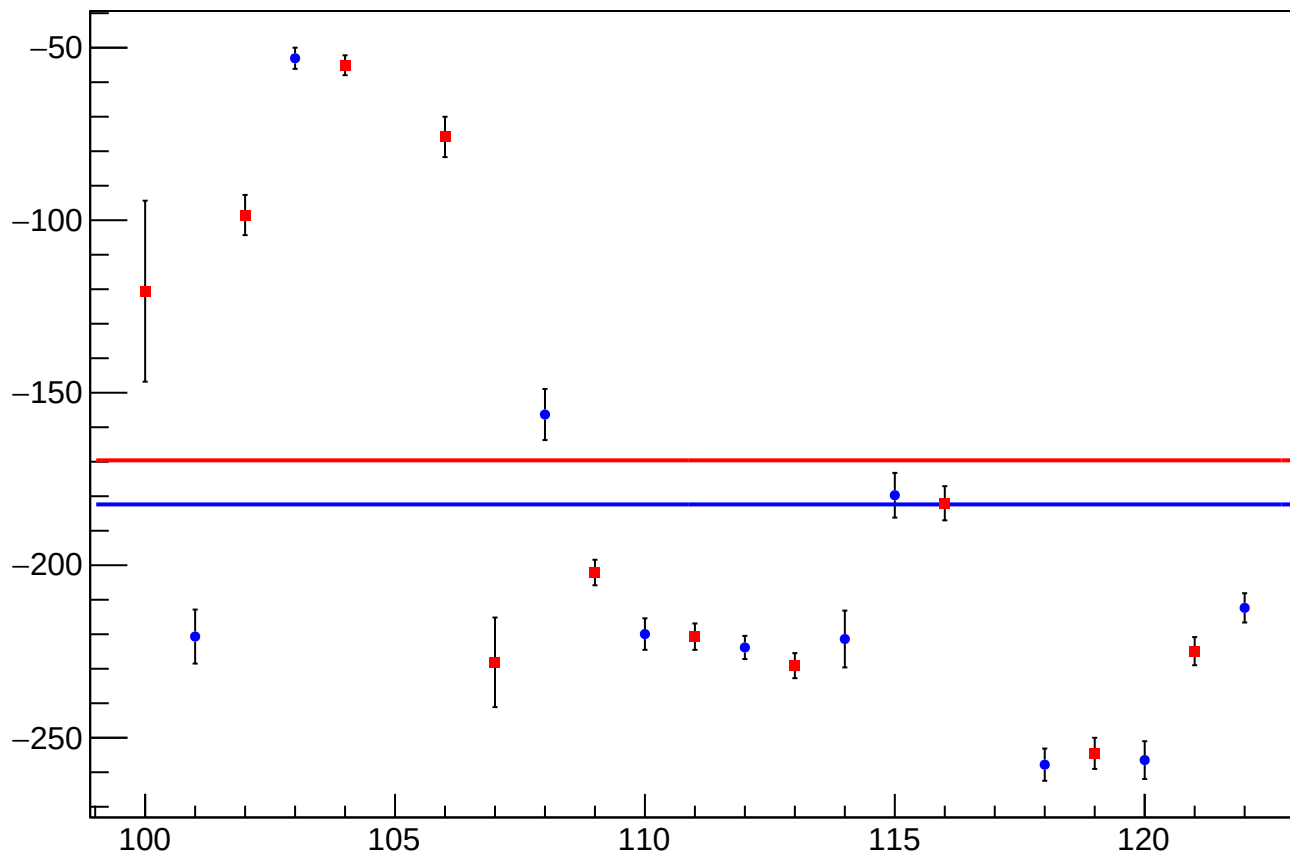
Right: 0.055+/-0.038 χ^2/NDF : 542899.6/20

In: 2.192+/-0.056 χ^2/NDF : 272745.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.055+/-0.038 χ^2/NDF : 542899.6/20

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: -169.597+/-1.343 χ^2/NDF : 3085.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

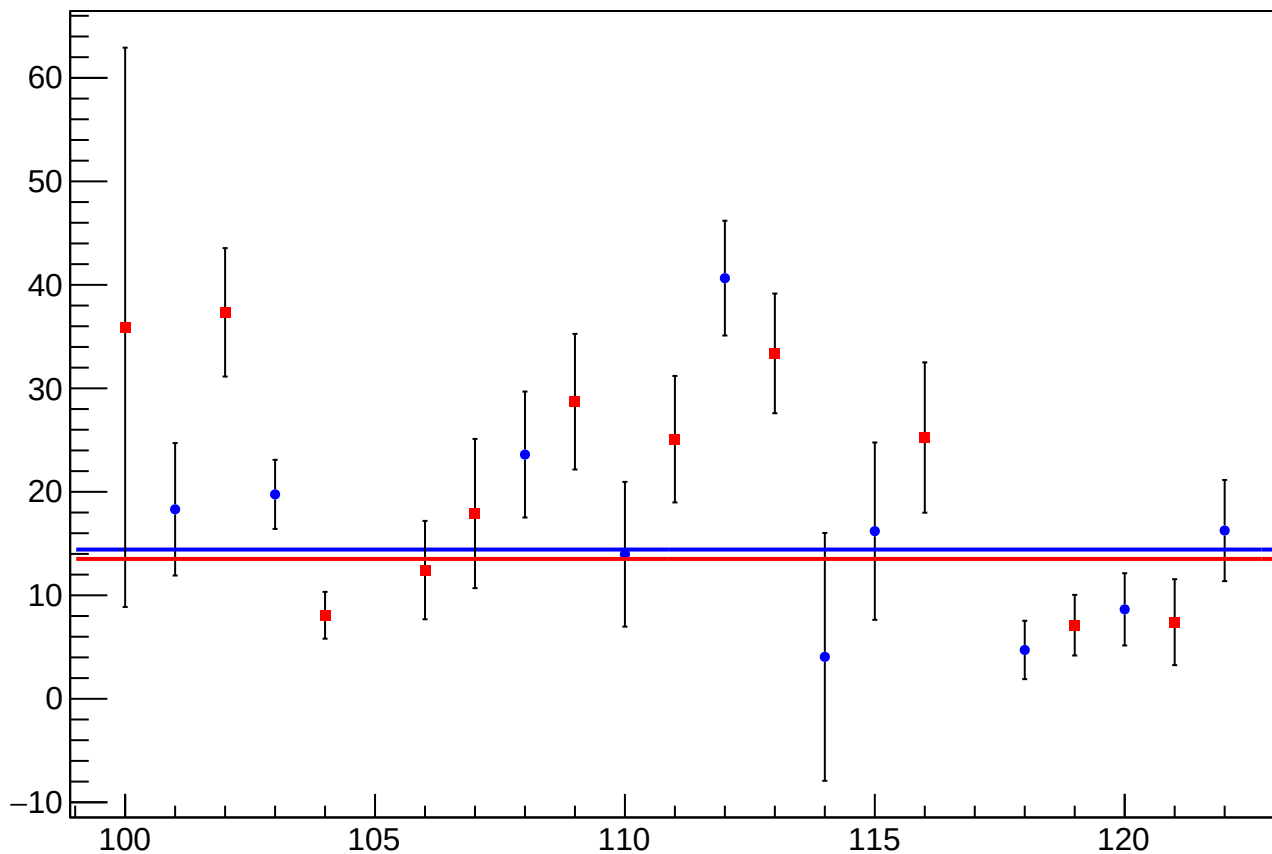
Right: -175.326+/-0.997 χ^2/NDF : 5677.2/20

In: -182.371+/-1.489 χ^2/NDF :2550.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -175.326+/-0.997 χ^2/NDF : 5677.2/20

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: 13.517+/-1.336 χ^2/NDF : 52.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

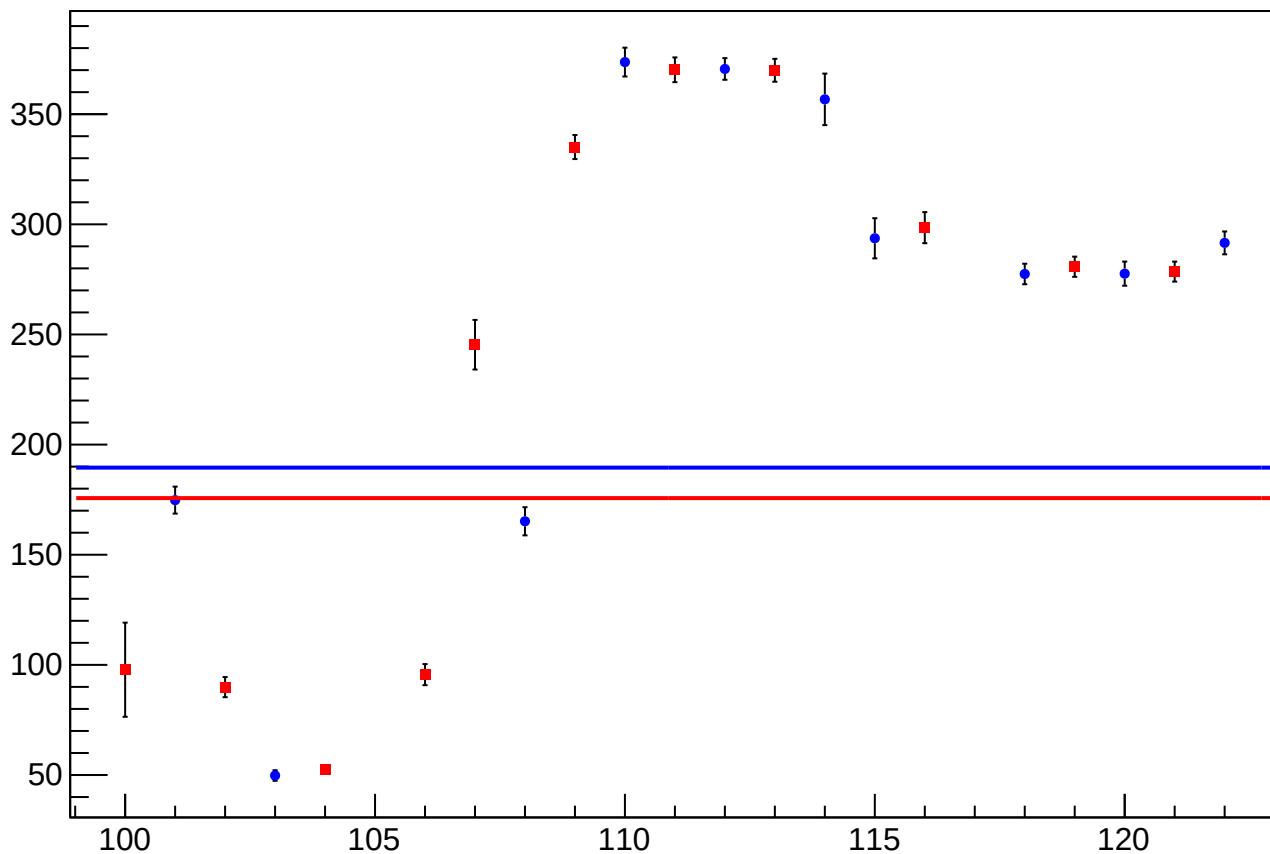
Right: 13.927+/-0.988 χ^2/NDF : 95.2/20

In: 14.423+/-1.468 χ^2/NDF : 43.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.927+/-0.988 χ^2/NDF : 95.2/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 189.544+/-1.536 χ^2/NDF : 6871.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.707+/-1.394 χ^2/NDF : 8419.6/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

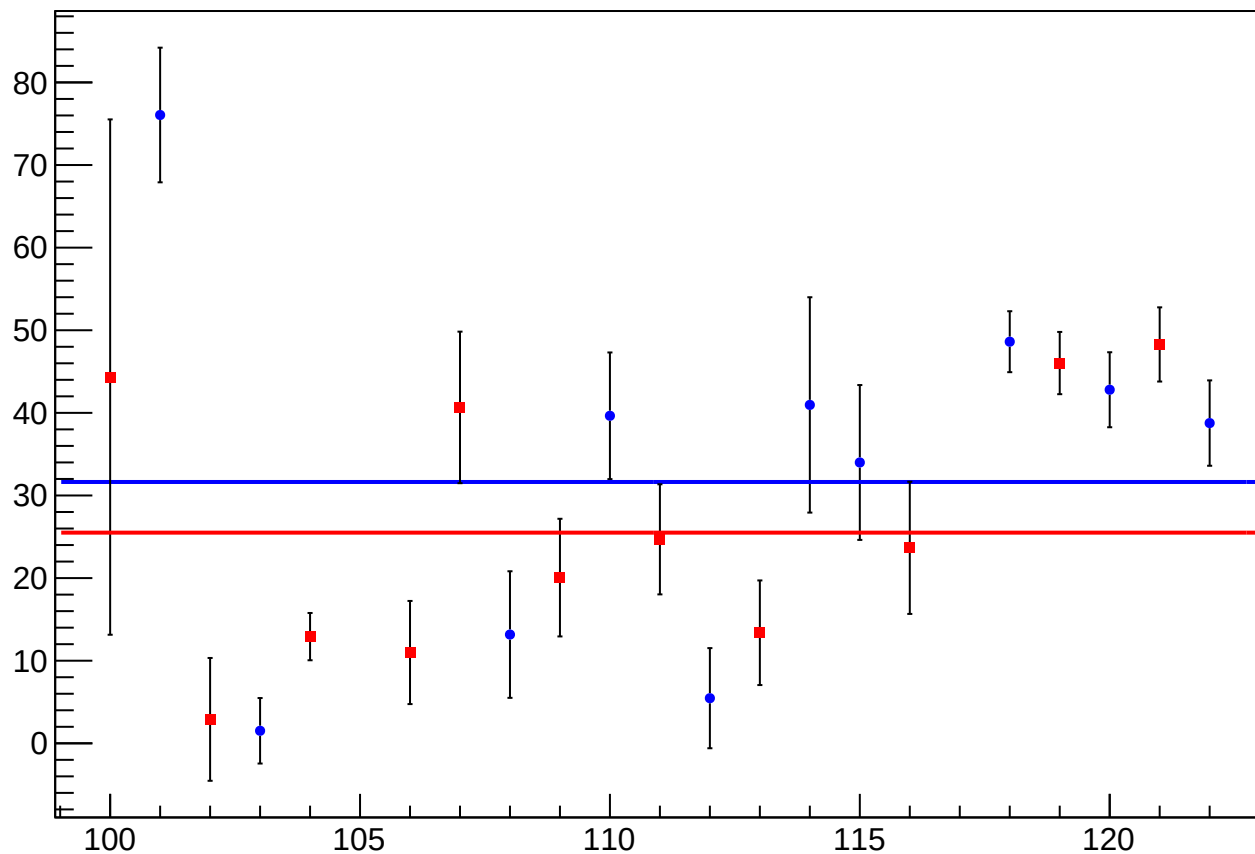
Right: 181.958+/-1.032 χ^2/NDF : 15335.9/20

In: 189.544+/-1.536 χ^2/NDF : 6871.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.958+/-1.032 χ^2/NDF : 15335.9/20

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: 25.502+/-1.619 χ^2/NDF : 96.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

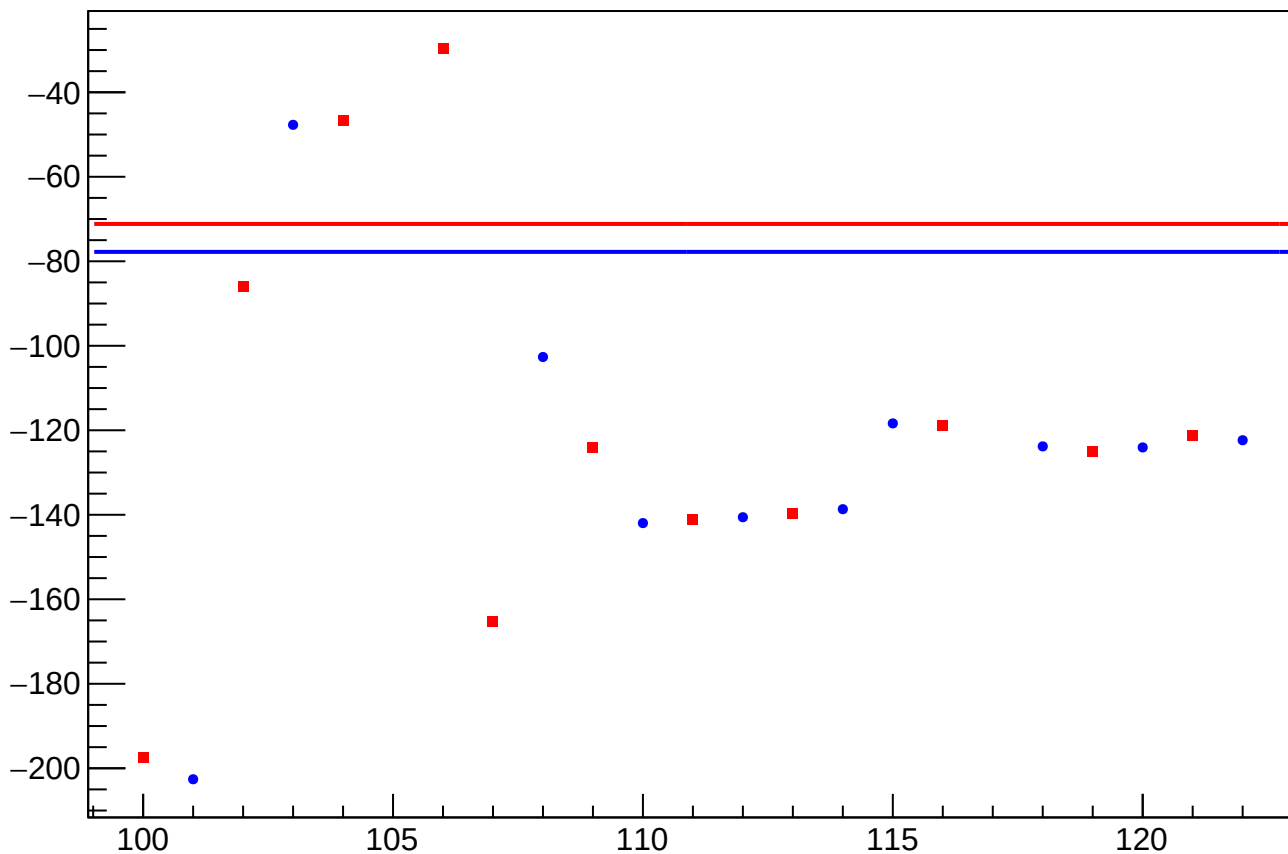
Right: 28.283+/-1.197 χ^2/NDF : 246.0/20

In: 31.634+/-1.777 χ^2/NDF : 142.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.283+/-1.197 χ^2/NDF : 246.0/20

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: -71.162+/-0.075 χ^2/NDF : 275494.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

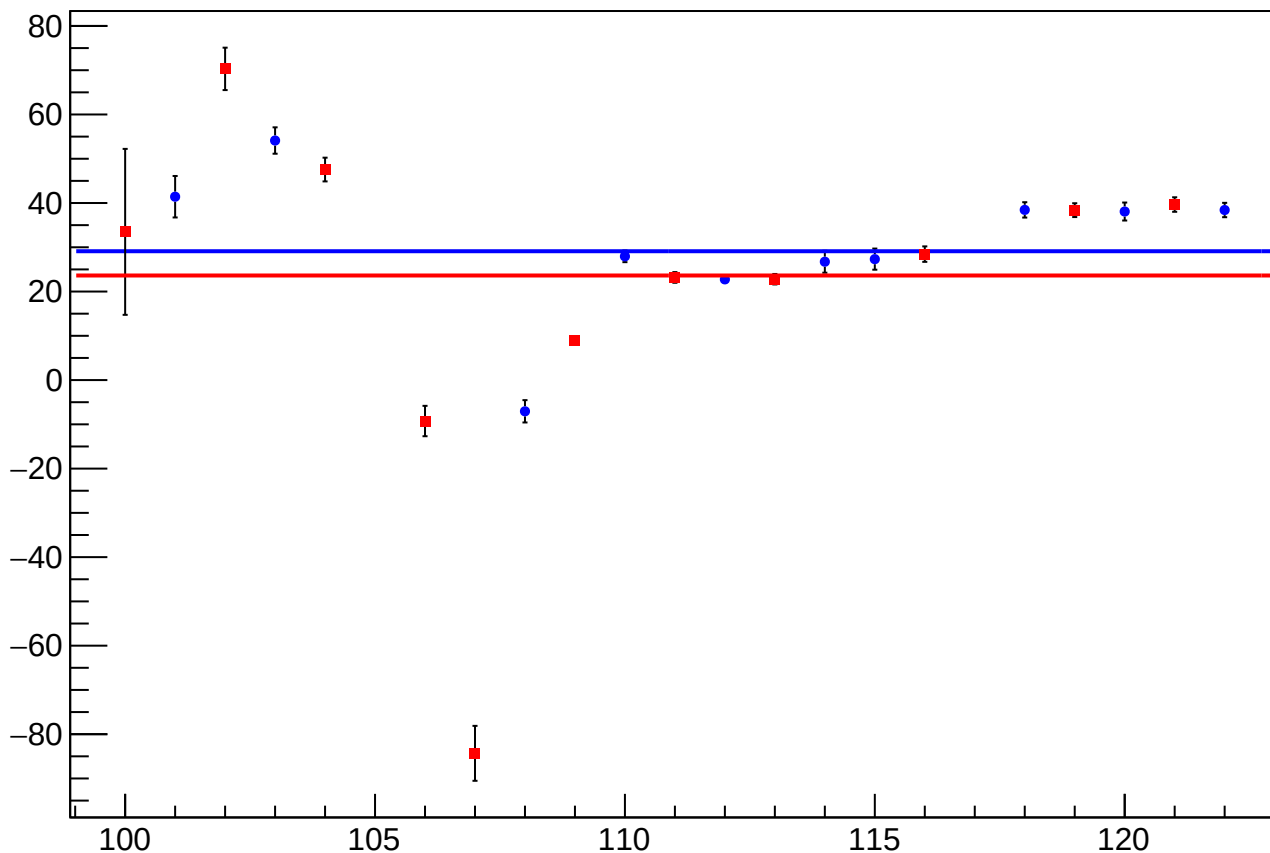
Right: -74.238+/-0.055 χ^2/NDF : 584049.3/20

In: -77.775+/-0.081 χ^2/NDF :304947.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -74.238+/-0.055 χ^2/NDF : 584049.3/20

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: 23.626+/-0.522 χ^2/NDF : 946.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

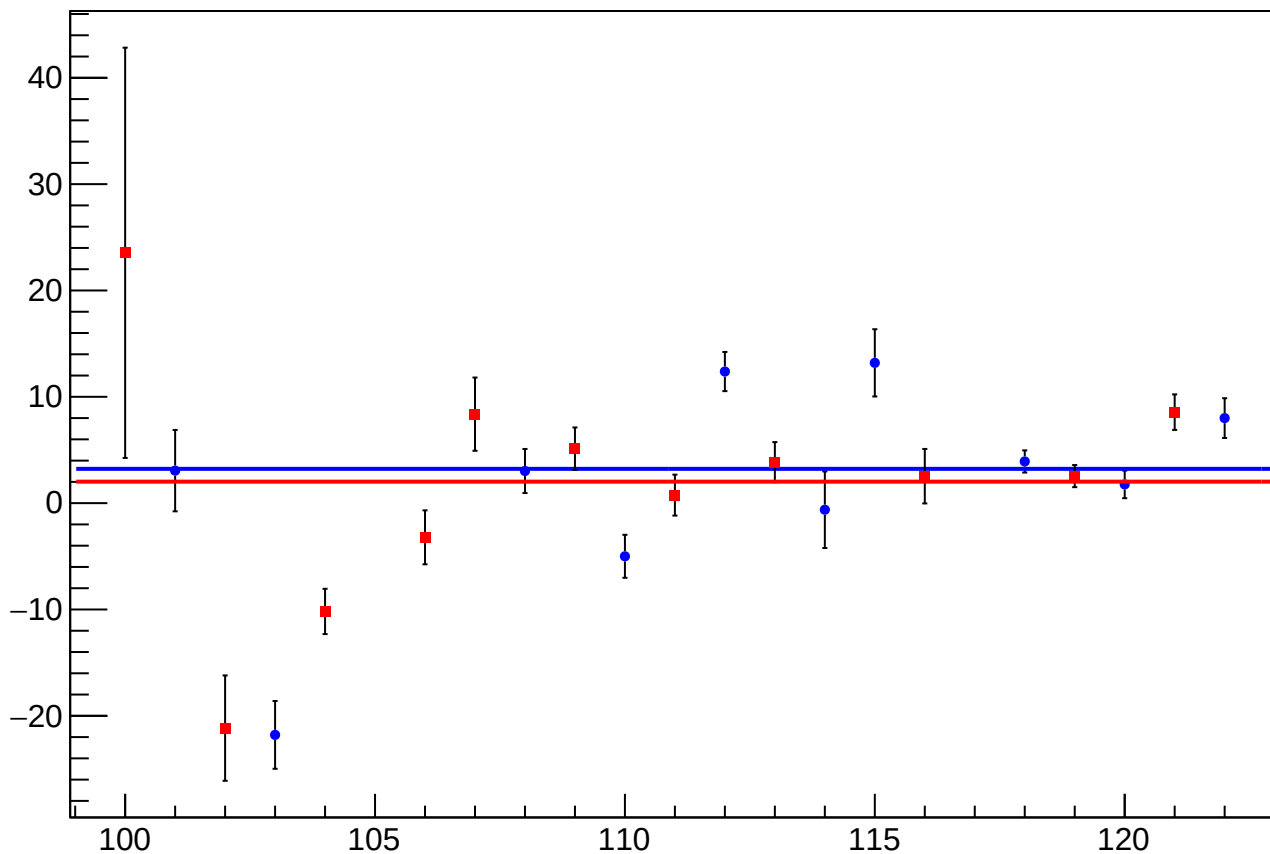
Right: 26.089+/-0.388 χ^2/NDF : 1395.2/20

In: 29.107+/-0.578 χ^2/NDF : 399.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.089+/-0.388 χ^2/NDF : 1395.2/20

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: 2.022+/-0.604 χ^2/NDF : 83.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

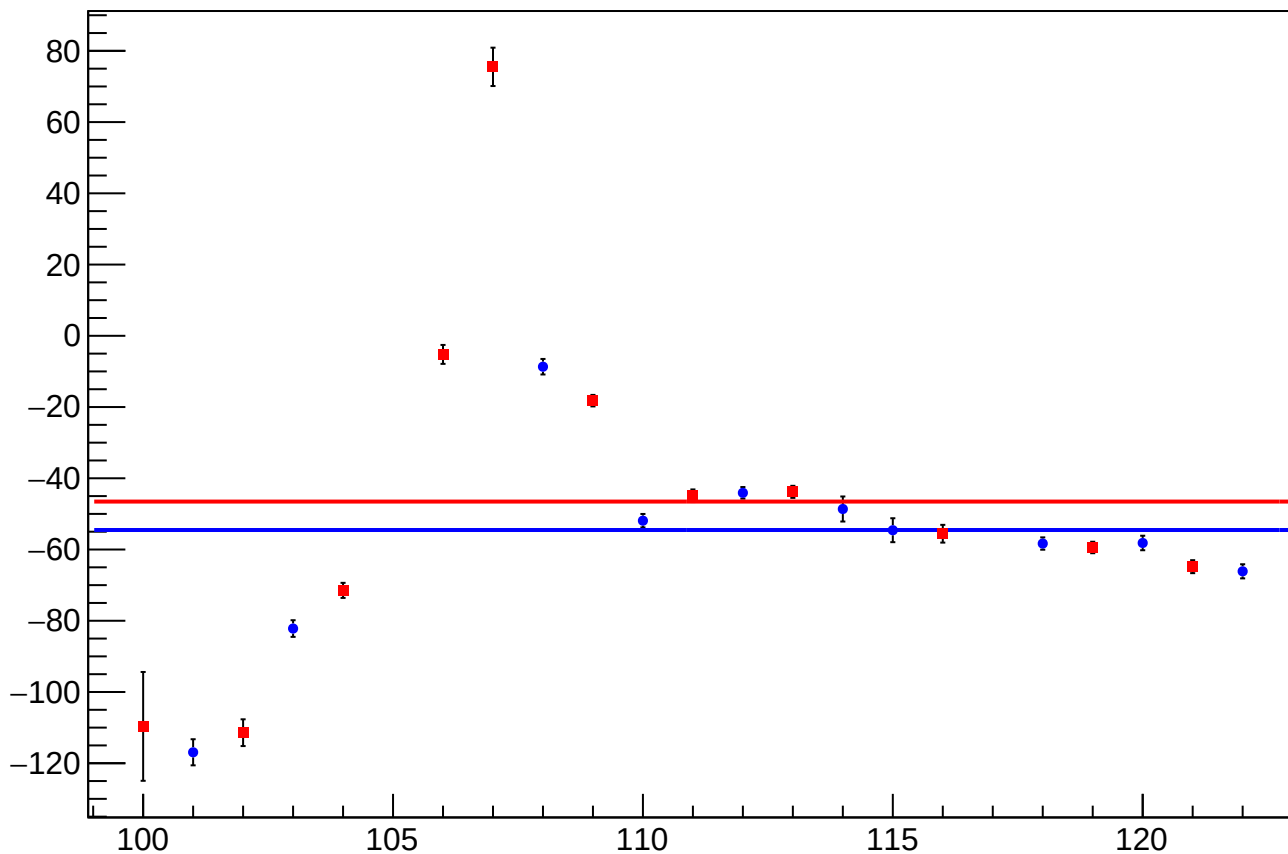
Right: 2.643+/-0.420 χ^2/NDF : 207.3/20

In: 3.226+/-0.585 χ^2/NDF : 122.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.643+/-0.420 χ^2/NDF : 207.3/20

reg_asym_atl_avg_atr_avg_dd_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: -46.539 $\pm$ 0.649 χ^2 /NDF: 1699.3/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

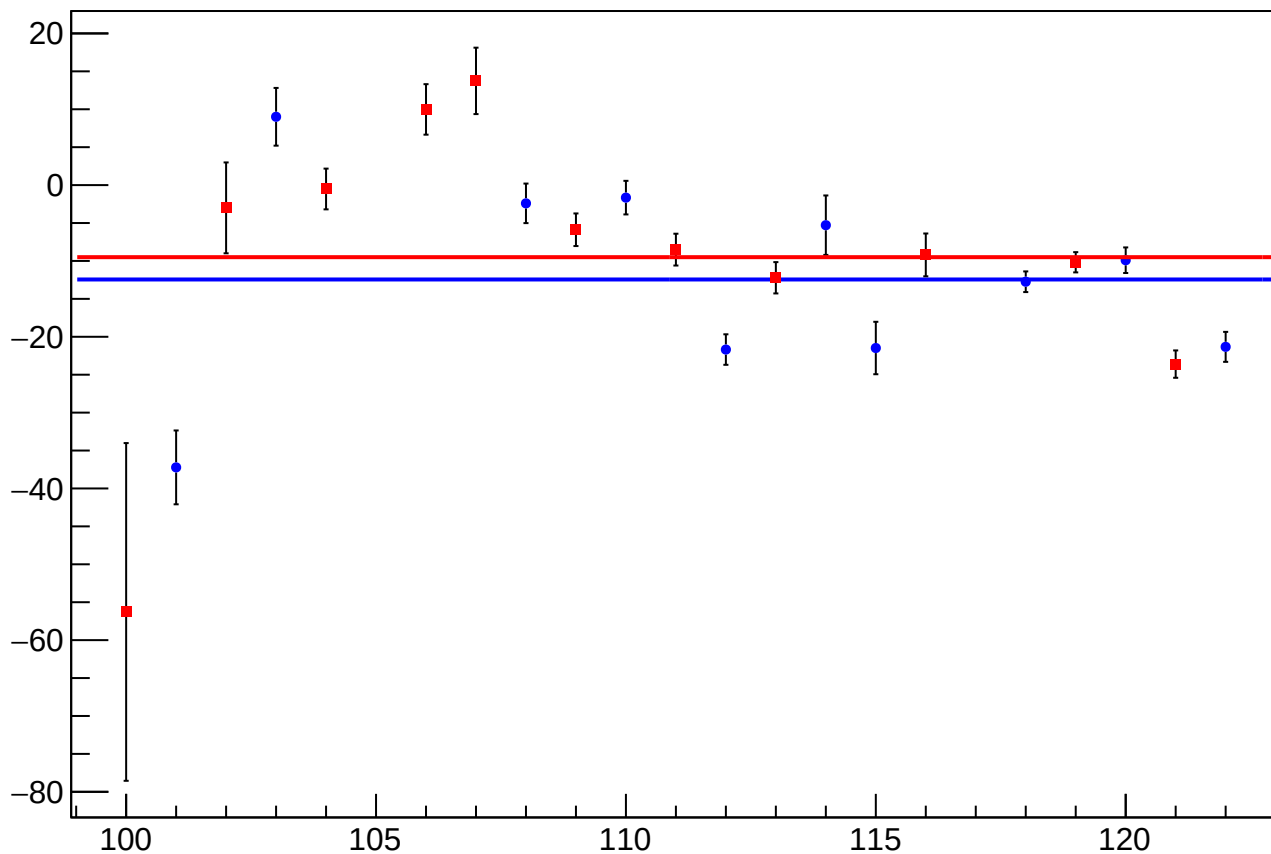
Right: -50.309 $\pm$ 0.471 χ^2 /NDF: 2731.8/20

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: -50.309 $\pm$ 0.471 χ^2 /NDF: 2731.8/20

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.444 ± 0.706 χ^2/NDF : 150.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.503 ± 0.710 χ^2/NDF : 145.4/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

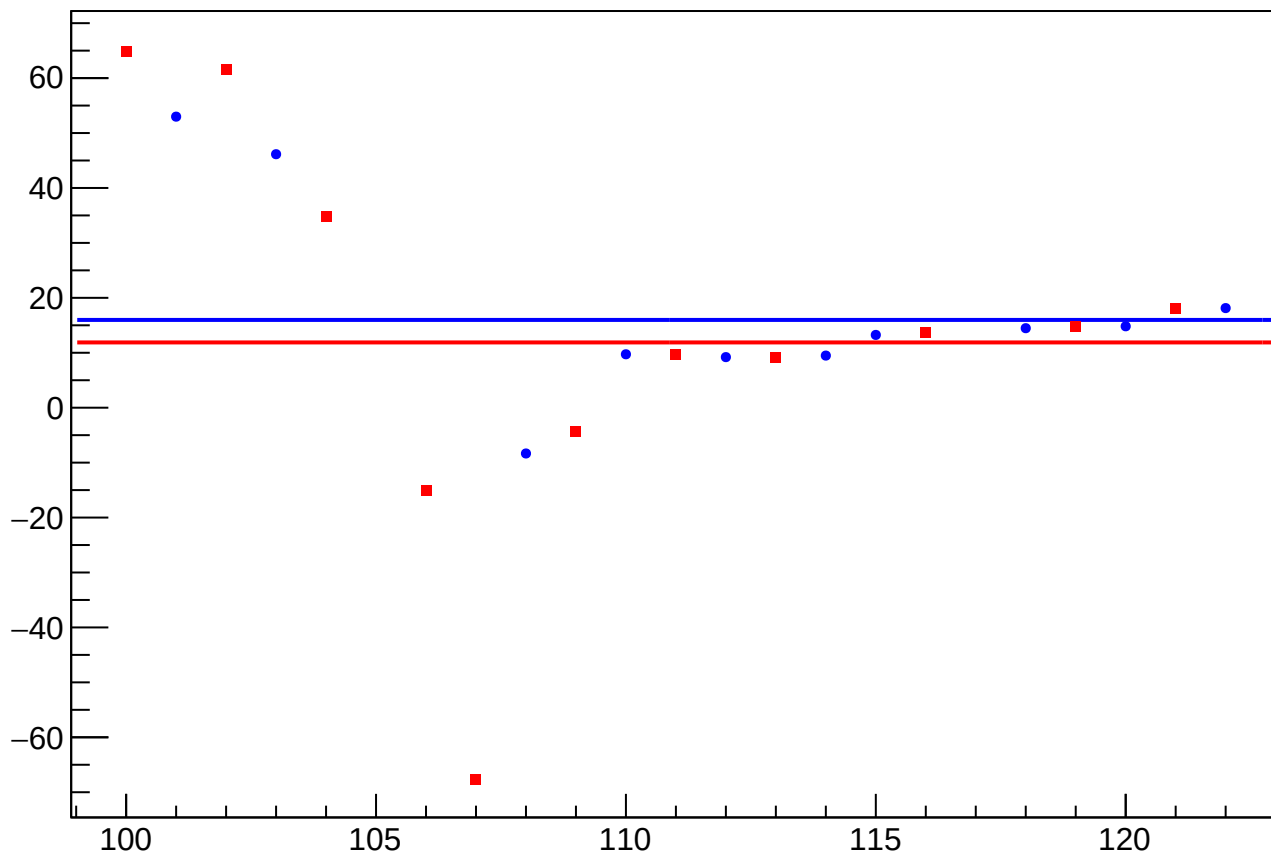
Right: -10.981 ± 0.501 χ^2/NDF : 304.1/20

In: -12.444 ± 0.706 χ^2/NDF : 150.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.981 ± 0.501 χ^2/NDF : 304.1/20

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: 11.881+/-0.043 χ^2/NDF : 344858.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

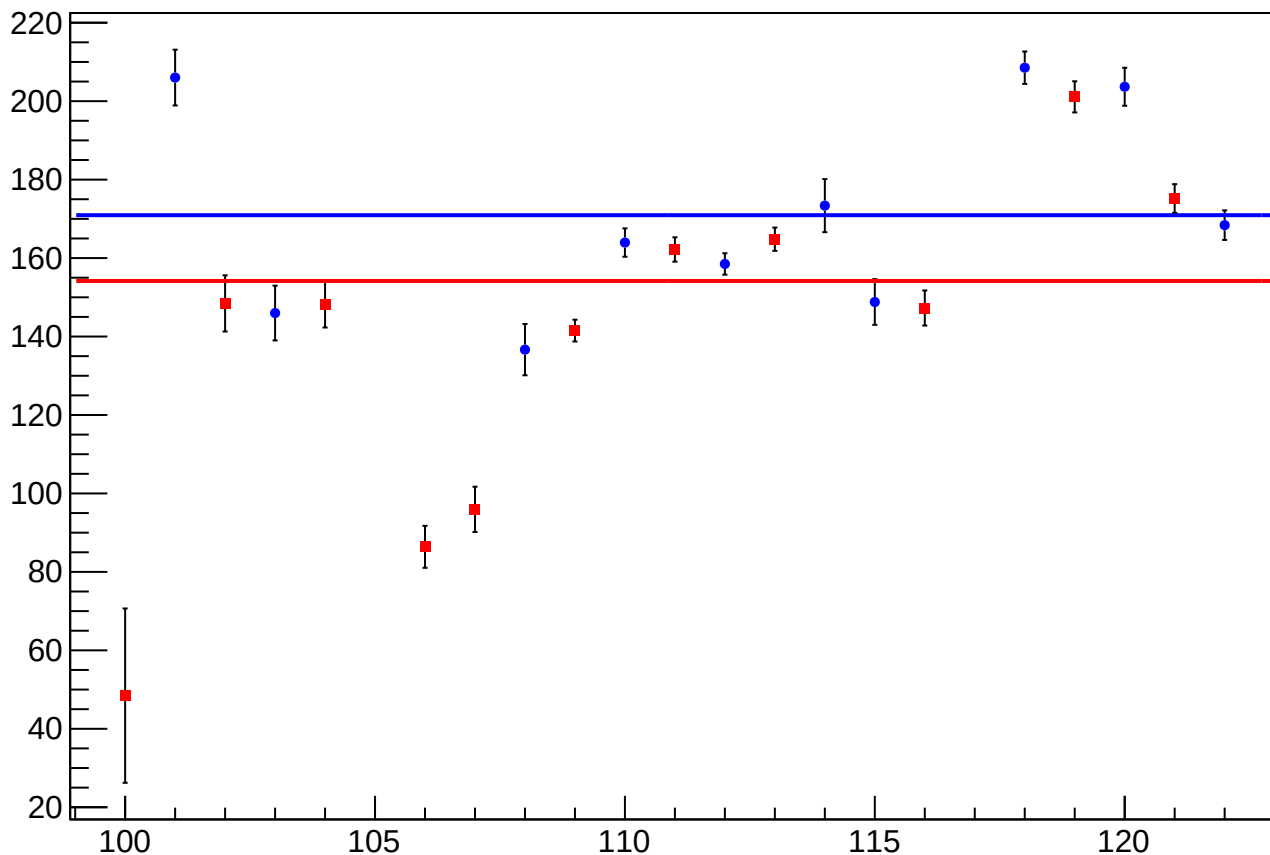
Right: 13.907+/-0.031 χ^2/NDF : 553740.8/20

In: 15.979+/-0.044 χ^2/NDF : 204454.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.907+/-0.031 χ^2/NDF : 553740.8/20

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: 154.169+/-1.239 χ^2/NDF : 502.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

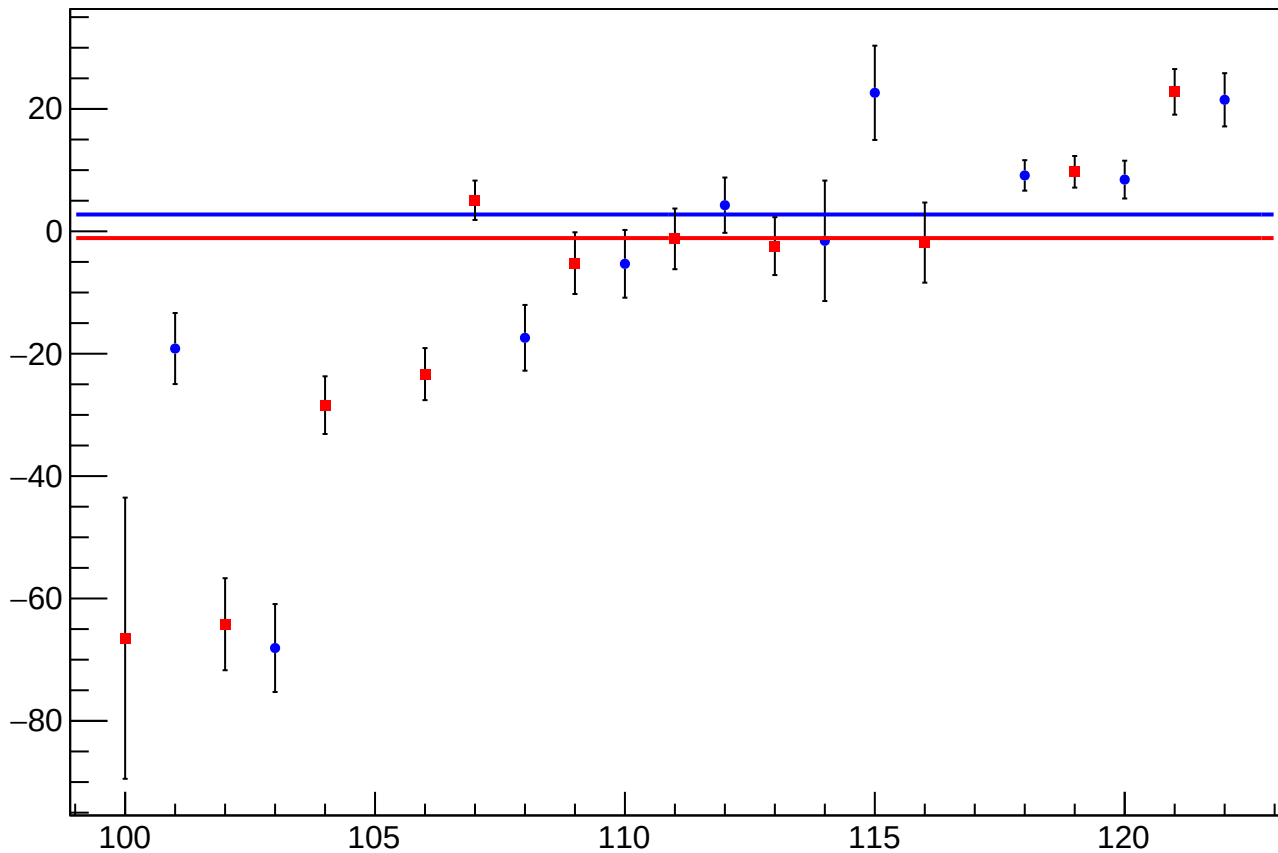
Right: 161.428+/-0.933 χ^2/NDF : 814.2/20

In: 170.939+/-1.418 χ^2/NDF : 232.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.428+/-0.933 χ^2/NDF : 814.2/20

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: -1.104+/-1.306 χ^2/NDF : 202.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

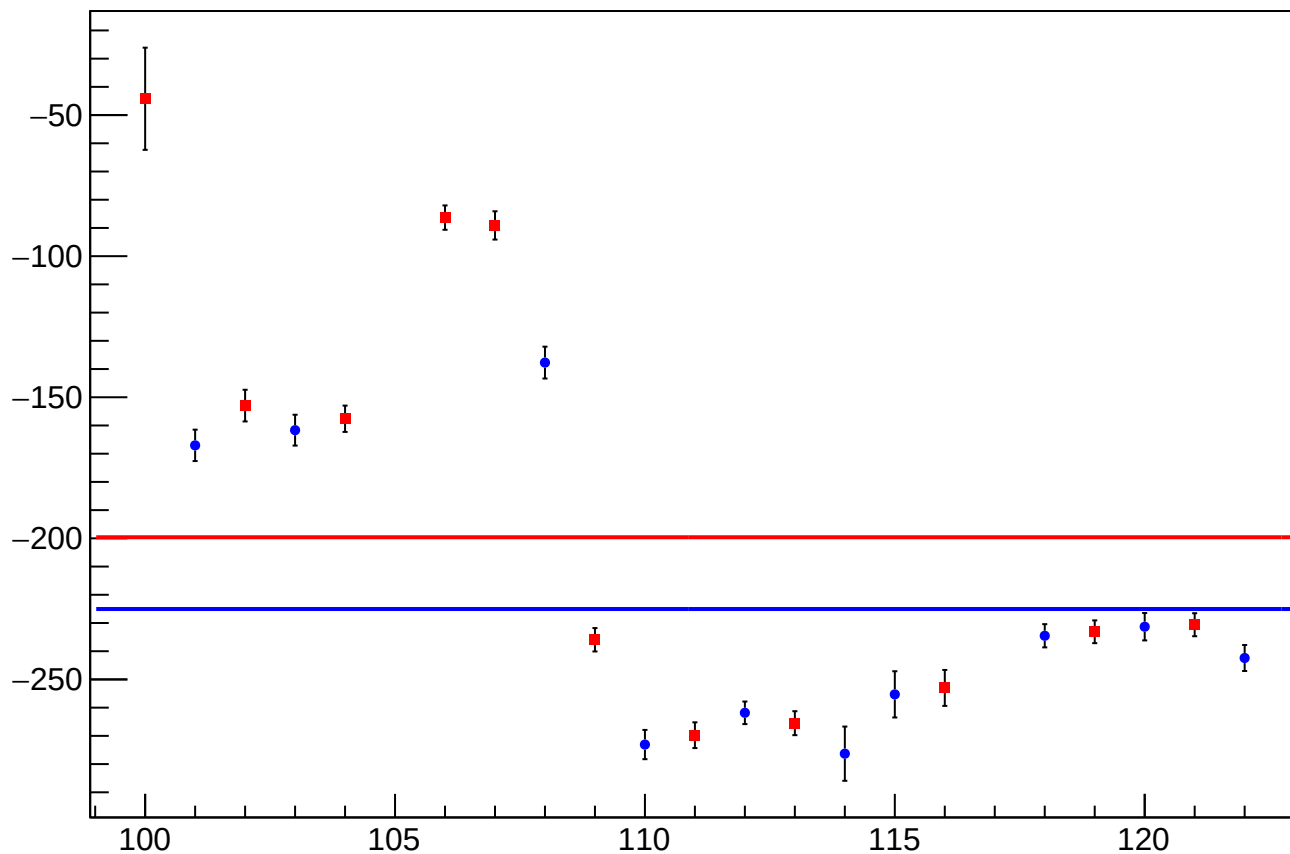
Right: 0.691+/-0.955 χ^2/NDF : 369.6/20

In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.691+/-0.955 χ^2/NDF : 369.6/20

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: -199.613+/-1.440 χ^2 /NDF: 2150.4/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

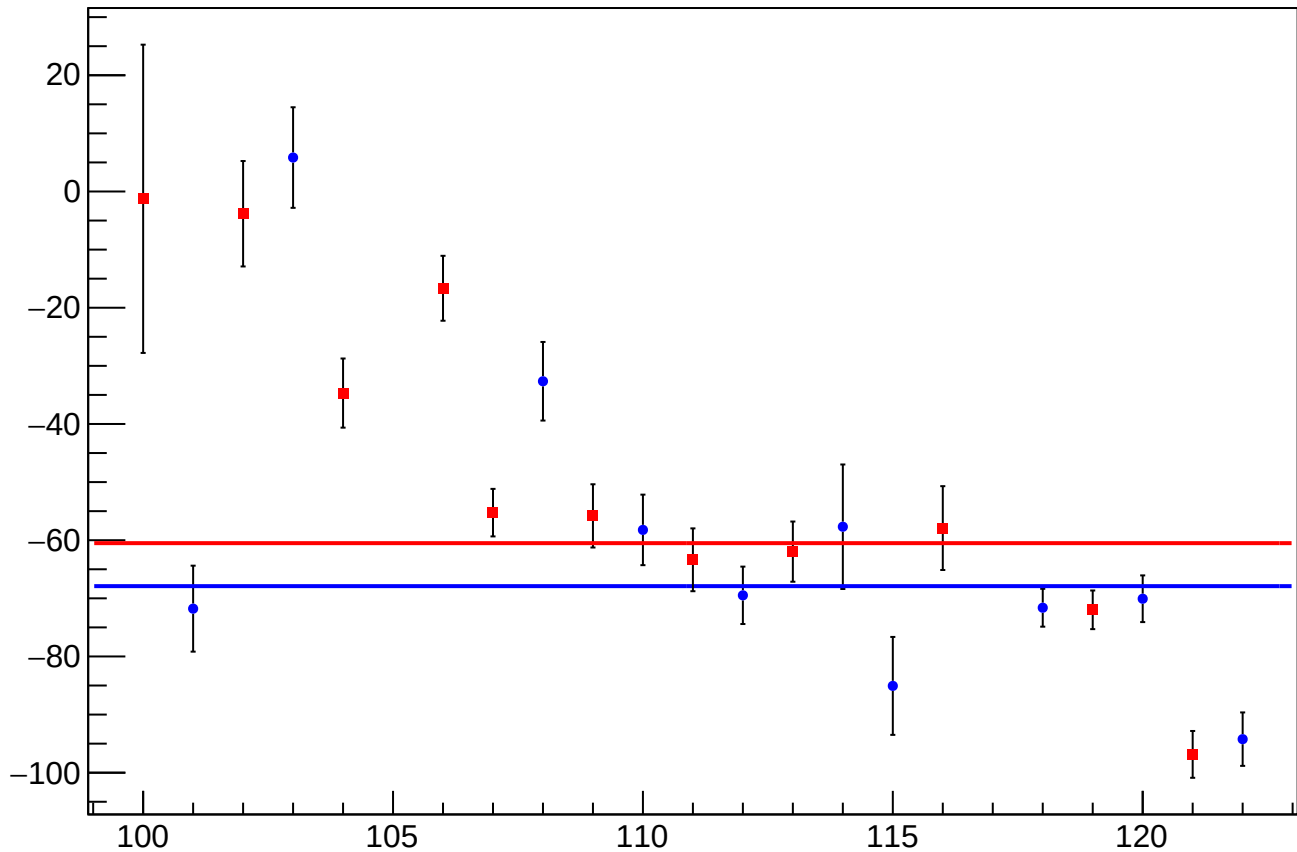
Right: -210.677+/-1.083 χ^2 /NDF: 3002.2/20

In: -225.048+/-1.641 χ^2 /NDF:716.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -210.677+/-1.083 χ^2 /NDF: 3002.2/20

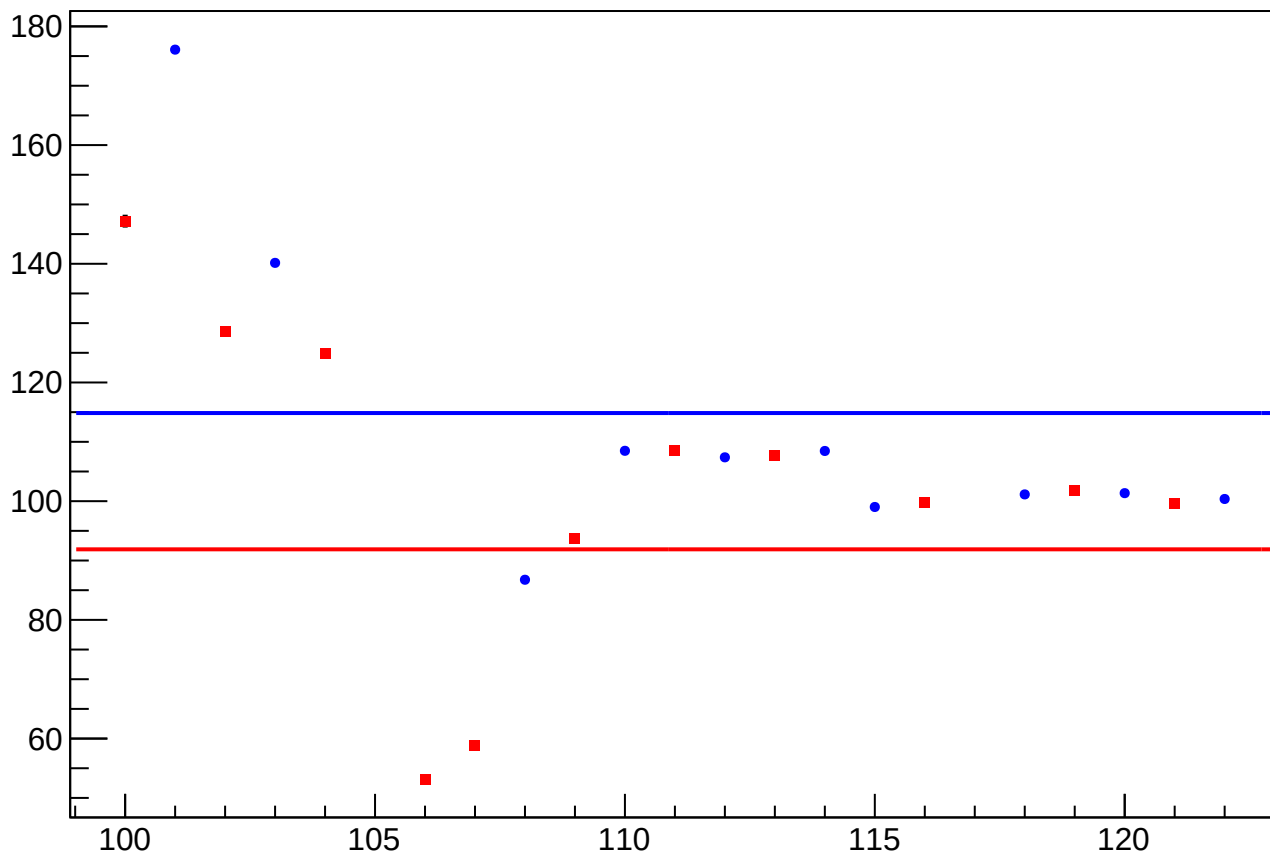
reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -60.505 $\pm$ 1.561 χ^2 /NDF: 220.8/10
 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: -63.899 $\pm$ 1.148 χ^2 /NDF: 373.2/20
 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: -63.899 $\pm$ 1.148 χ^2 /NDF: 373.2/20

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: 91.886+/-0.085 χ^2/NDF : 120304.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

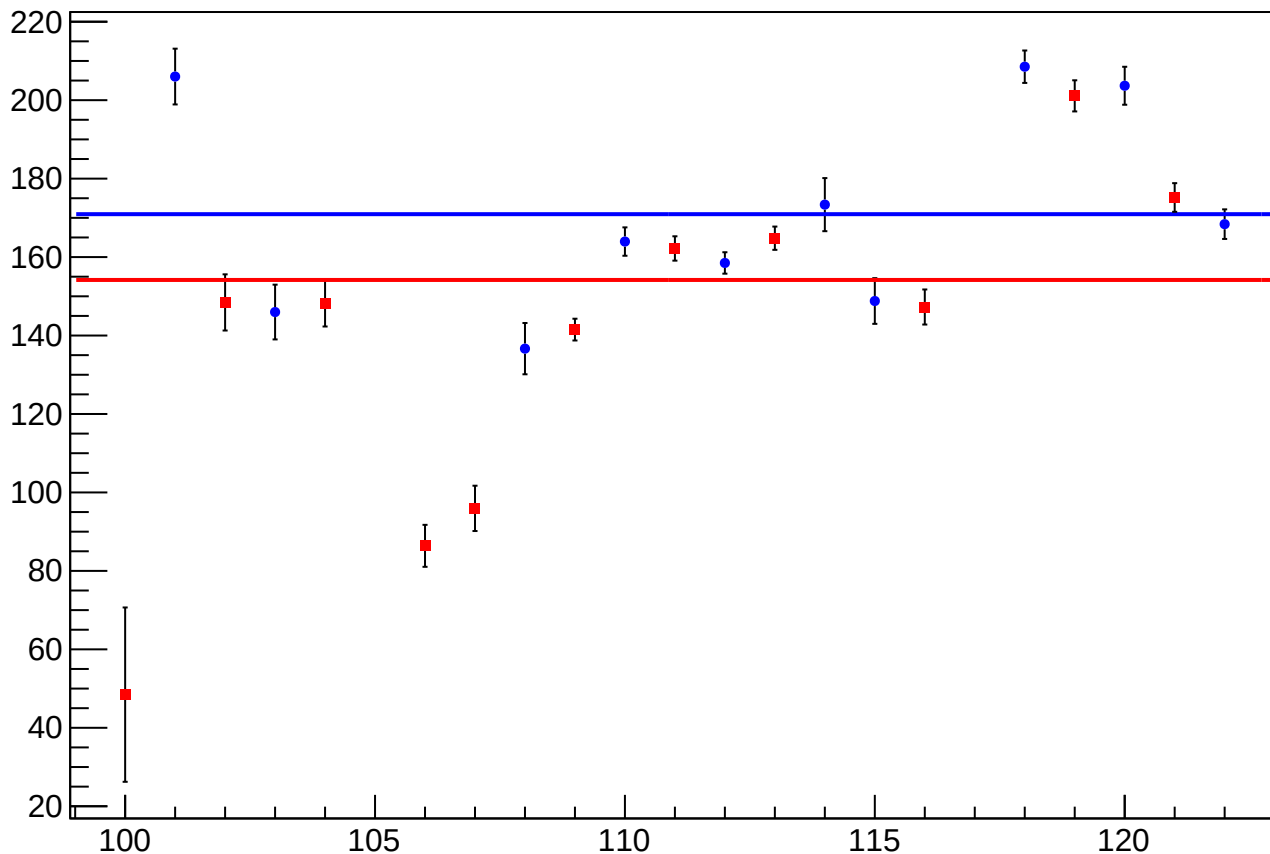
Right: 100.944+/-0.066 χ^2/NDF : 216488.0/20

In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.944+/-0.066 χ^2/NDF : 216488.0/20

reg_asym_atl1r2_dd_atl2r1_dd_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: 154.169+/-1.239 χ^2/NDF : 502.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

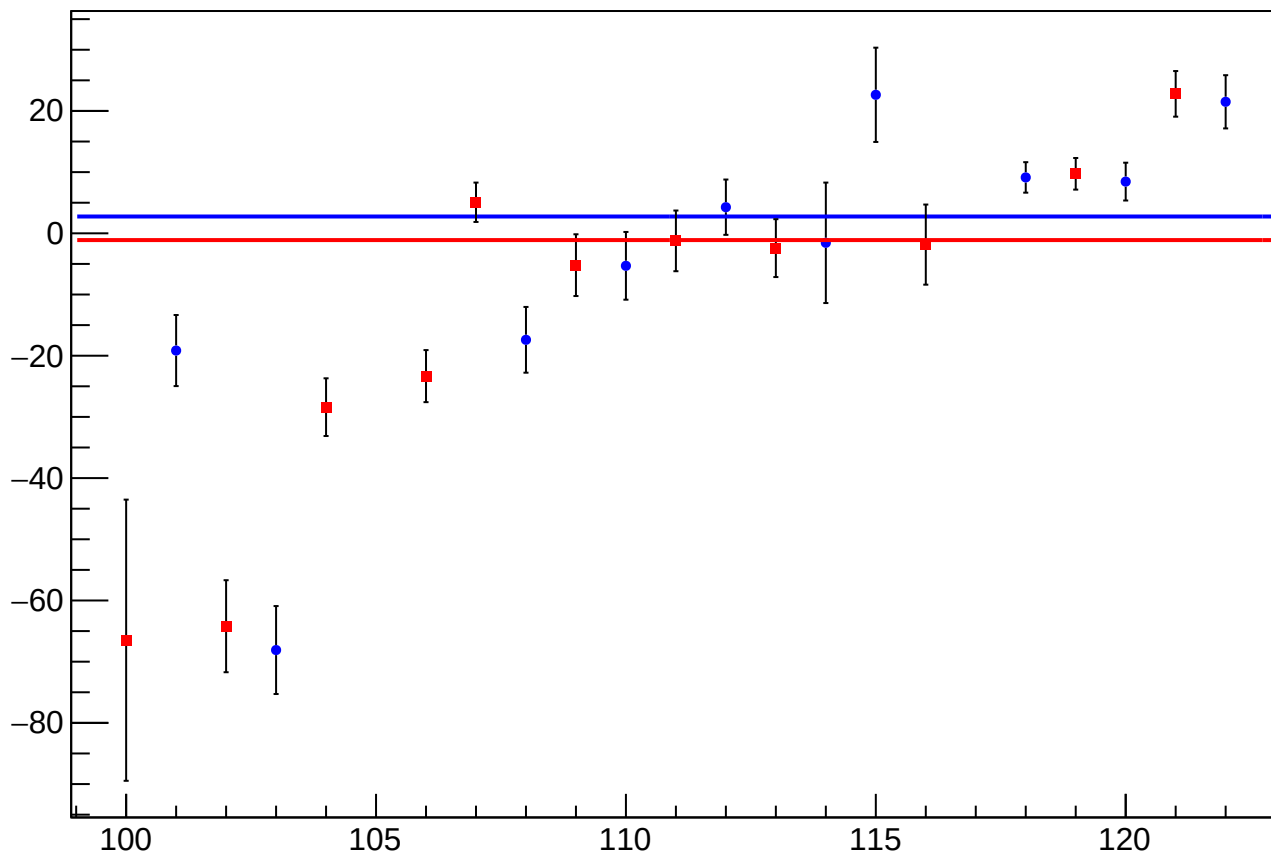
Right: 161.428+/-0.933 χ^2/NDF : 814.2/20

In: 170.939+/-1.418 χ^2/NDF : 232.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.428+/-0.933 χ^2/NDF : 814.2/20

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: -1.104+/-1.306 χ^2/NDF : 202.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

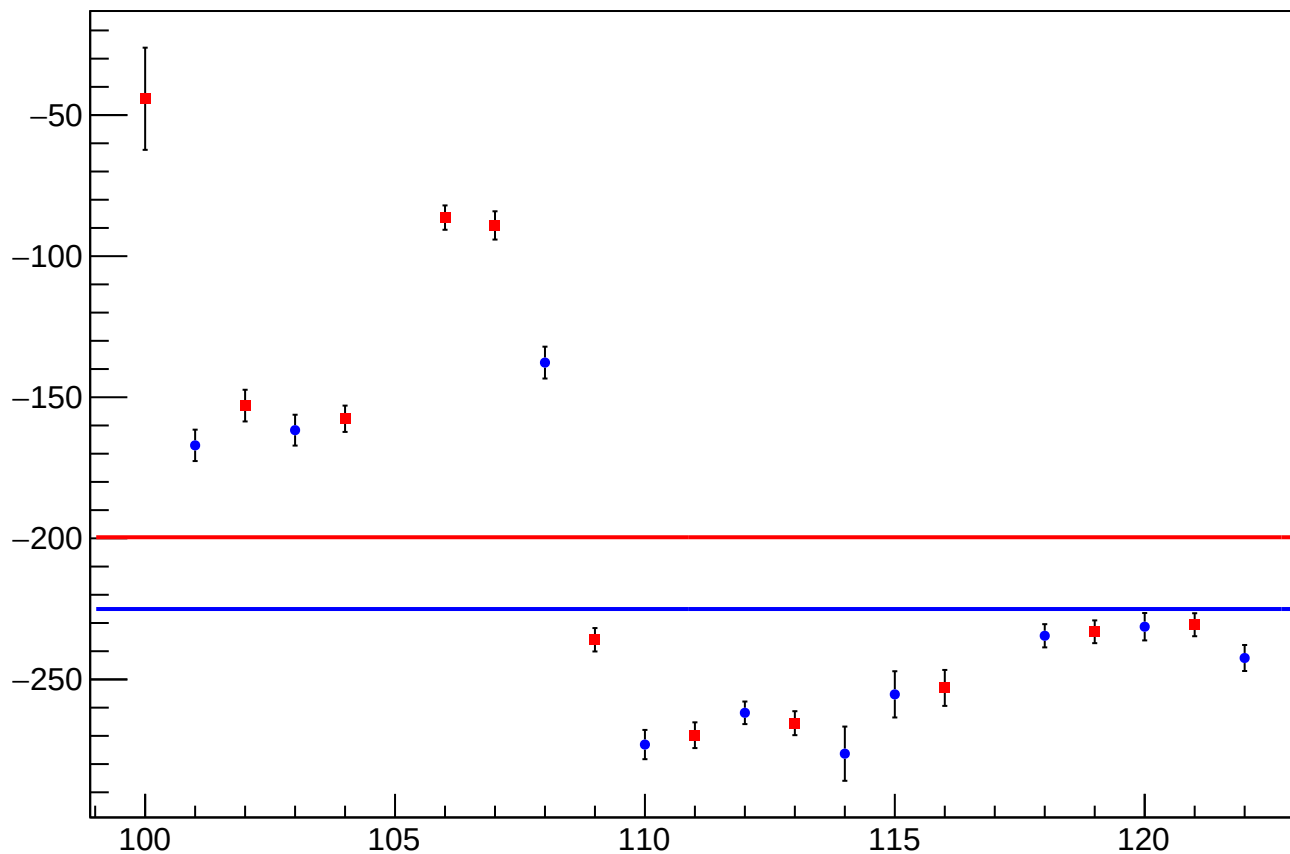
Right: 0.691+/-0.955 χ^2/NDF : 369.6/20

In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.691+/-0.955 χ^2/NDF : 369.6/20

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: -199.613+/-1.440 χ^2/NDF : 2150.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

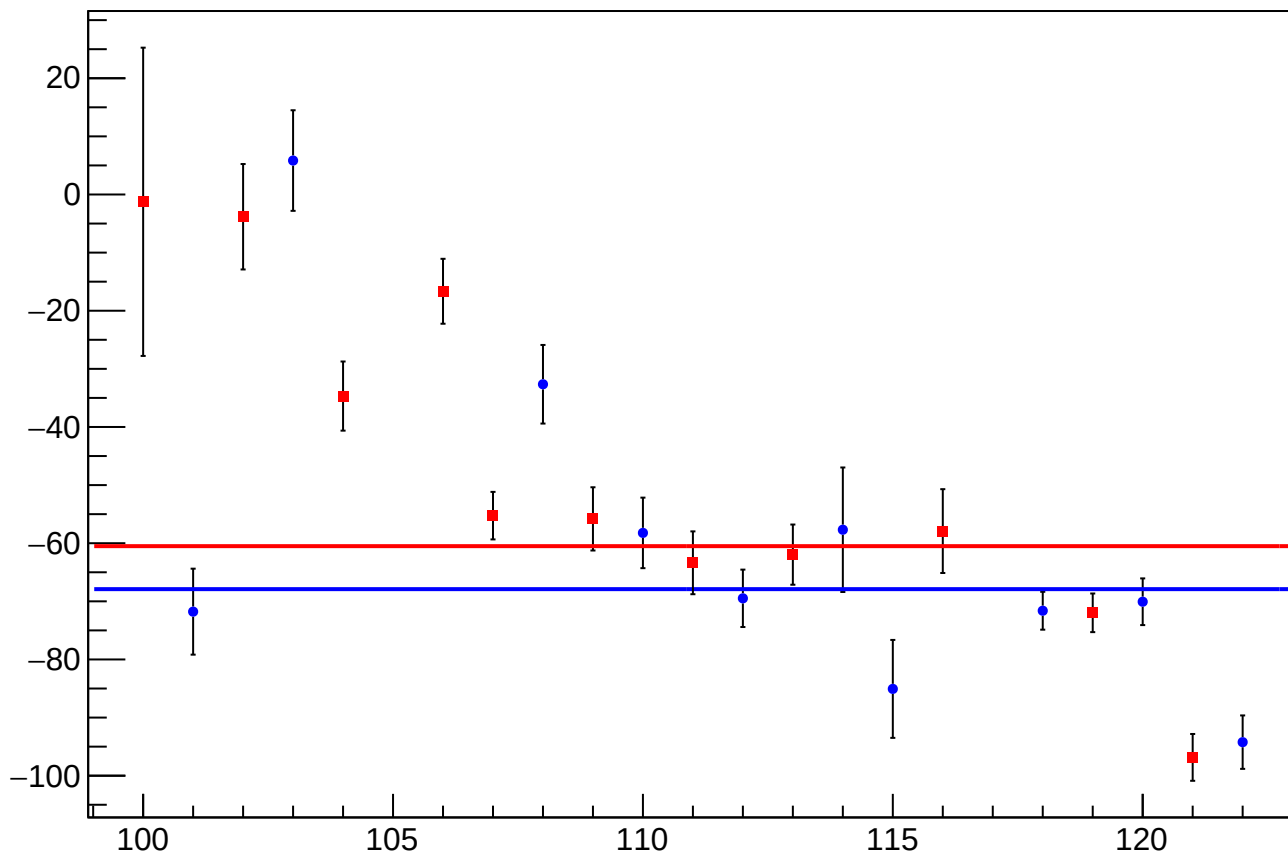
Right: -210.677+/-1.083 χ^2/NDF : 3002.2/20

In: -225.048+/-1.641 χ^2/NDF : 716.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.677+/-1.083 χ^2/NDF : 3002.2/20

reg_asym_atl1r2_dd_atl2r1_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: -60.505 ± 1.561 $\chi^2/\text{NDF}: 220.8/10$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

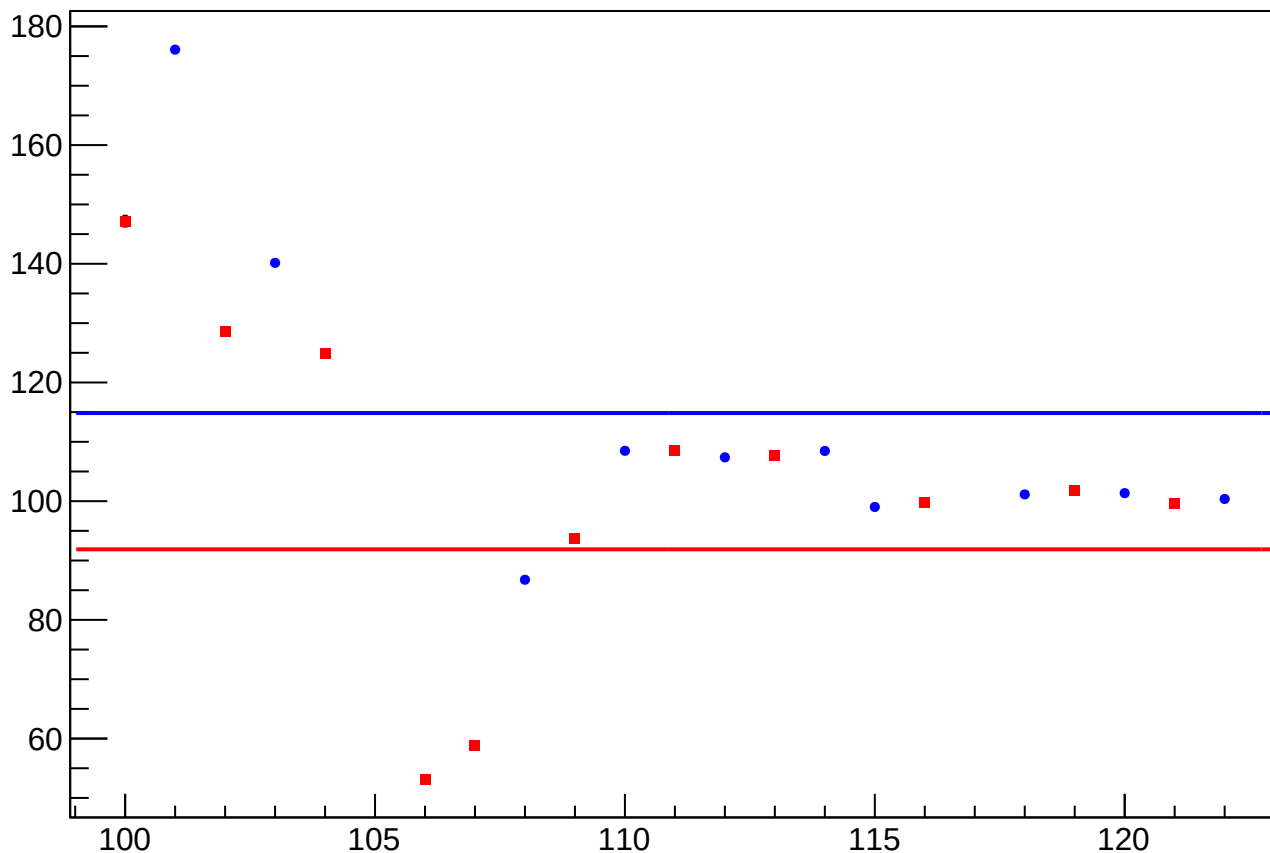
Right: -63.899 ± 1.148 $\chi^2/\text{NDF}: 373.2/20$

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: -63.899 ± 1.148 $\chi^2/\text{NDF}: 373.2/20$

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: 91.886+/-0.085 χ^2/NDF : 120304.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

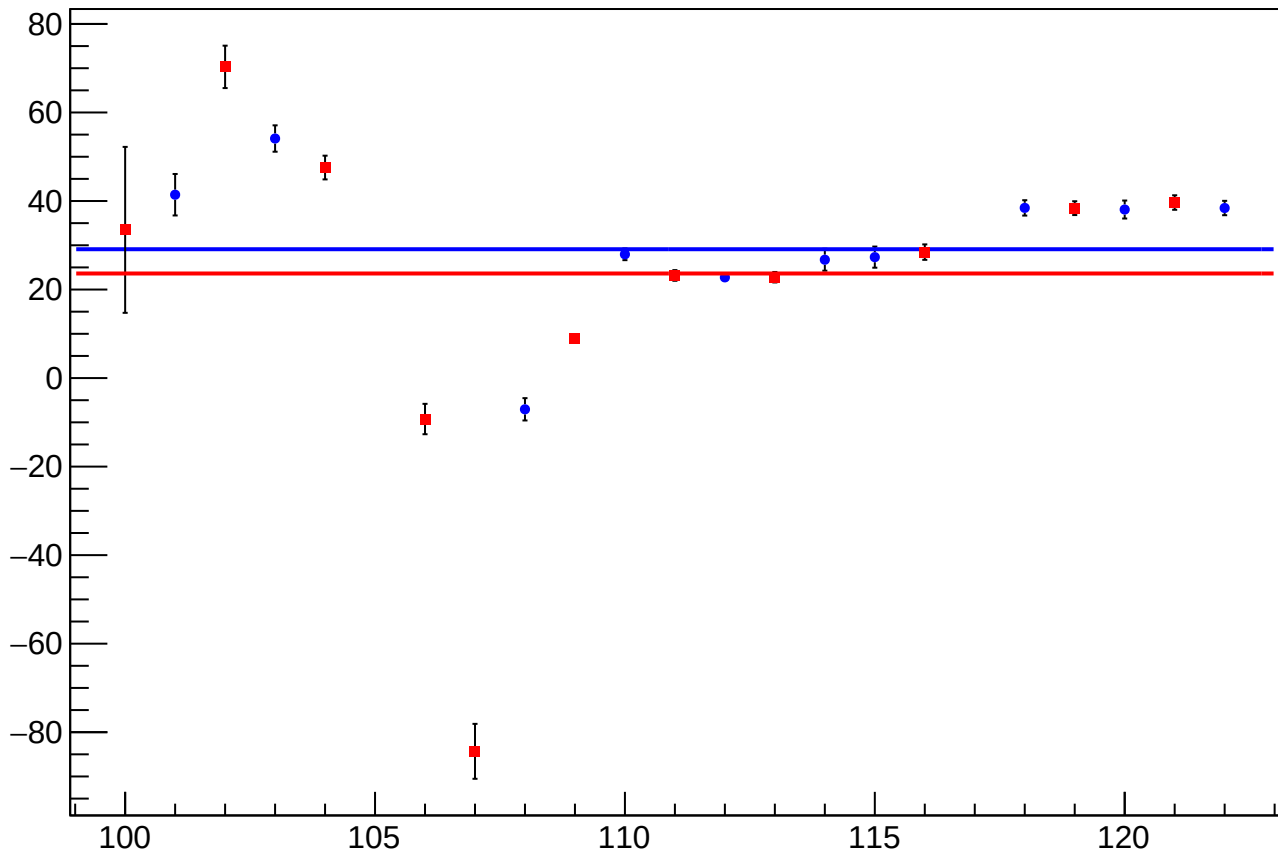
Right: 100.944+/-0.066 χ^2/NDF : 216488.0/20

In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.944+/-0.066 χ^2/NDF : 216488.0/20

reg_asym_atl1r2_dd_atl2r1_dd_avg_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: 23.626+/-0.522 χ^2/NDF : 946.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

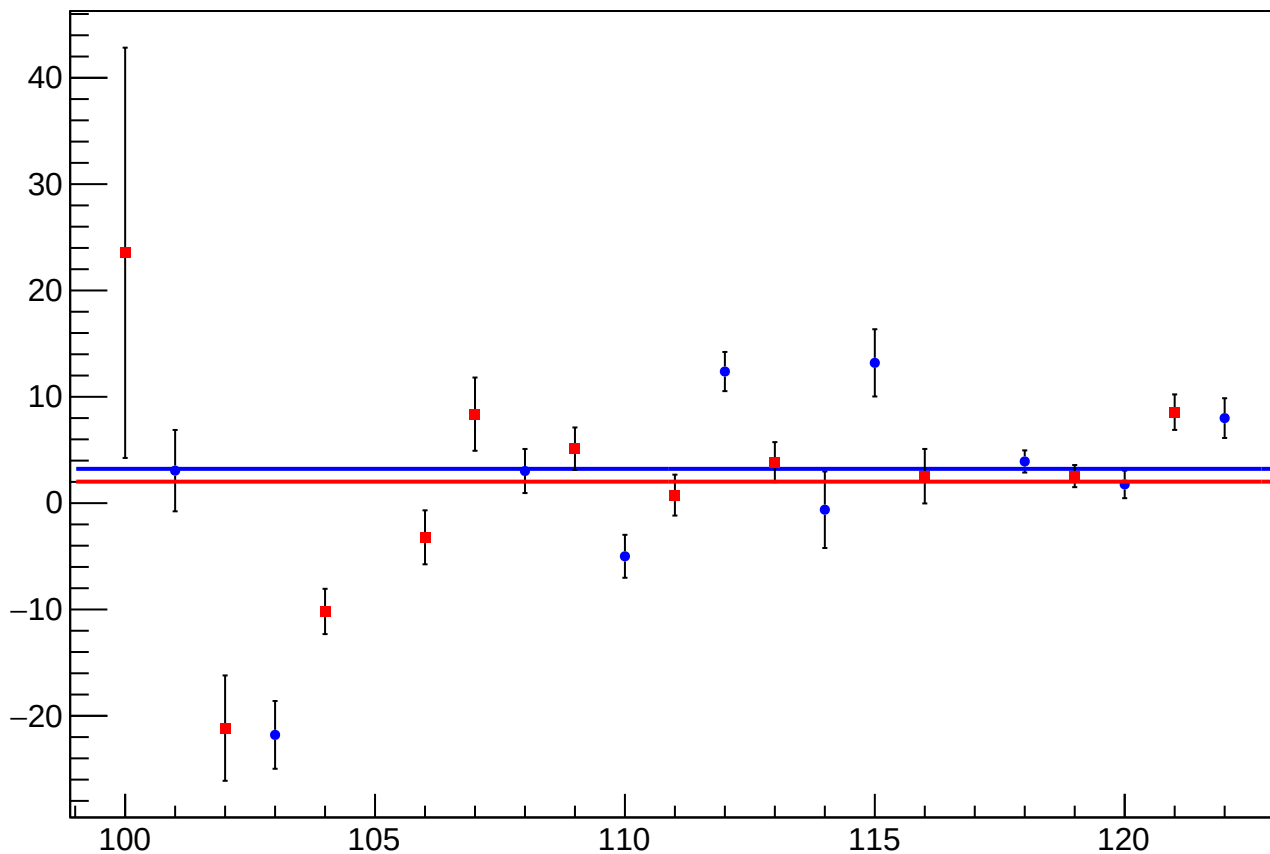
Right: 26.089+/-0.388 χ^2/NDF : 1395.2/20

In: 29.107+/-0.578 χ^2/NDF : 399.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.089+/-0.388 χ^2/NDF : 1395.2/20

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: 2.022+/-0.604 χ^2/NDF : 83.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

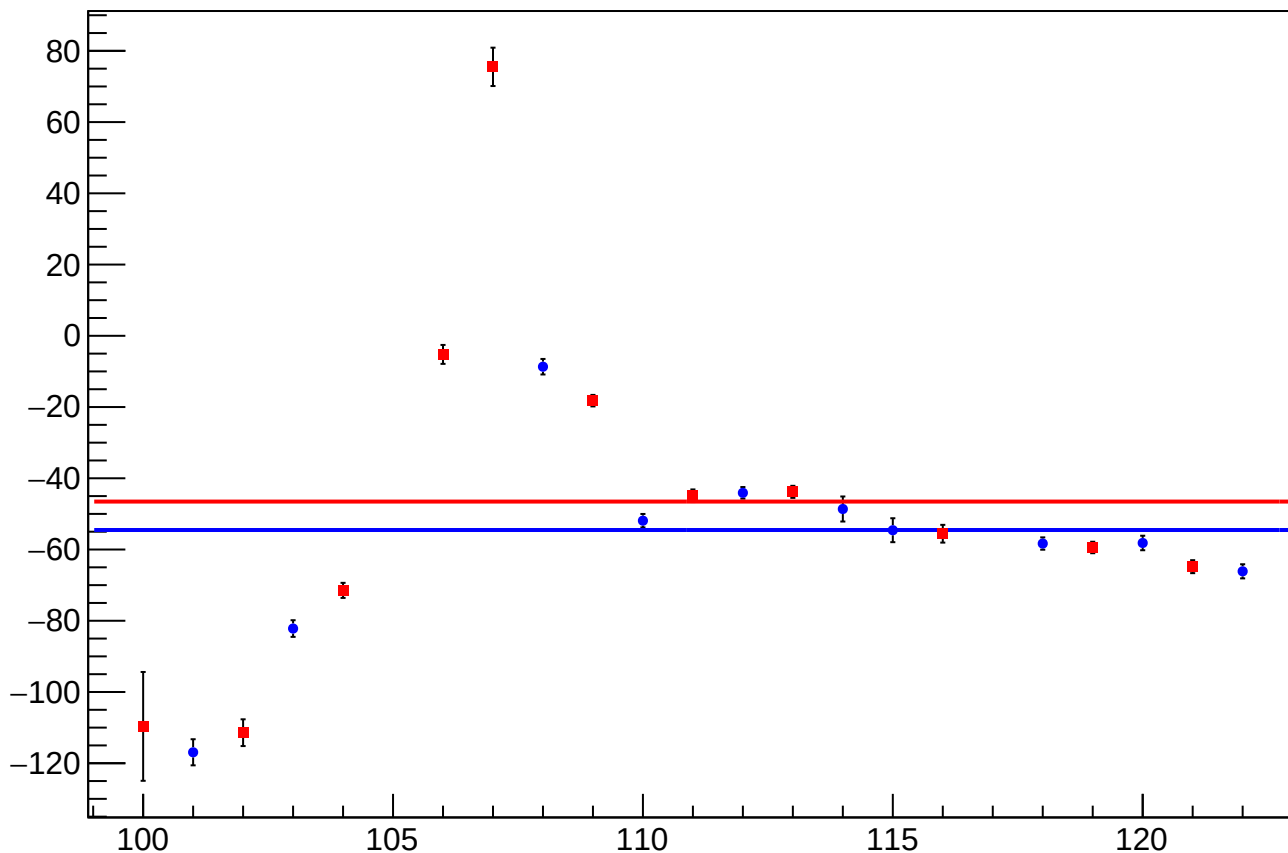
Right: 2.643+/-0.420 χ^2/NDF : 207.3/20

In: 3.226+/-0.585 χ^2/NDF : 122.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.643+/-0.420 χ^2/NDF : 207.3/20

reg_asym_atl1r2_dd_atl2r1_dd_avg_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: -46.539 ± 0.649 χ^2/NDF : 1699.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

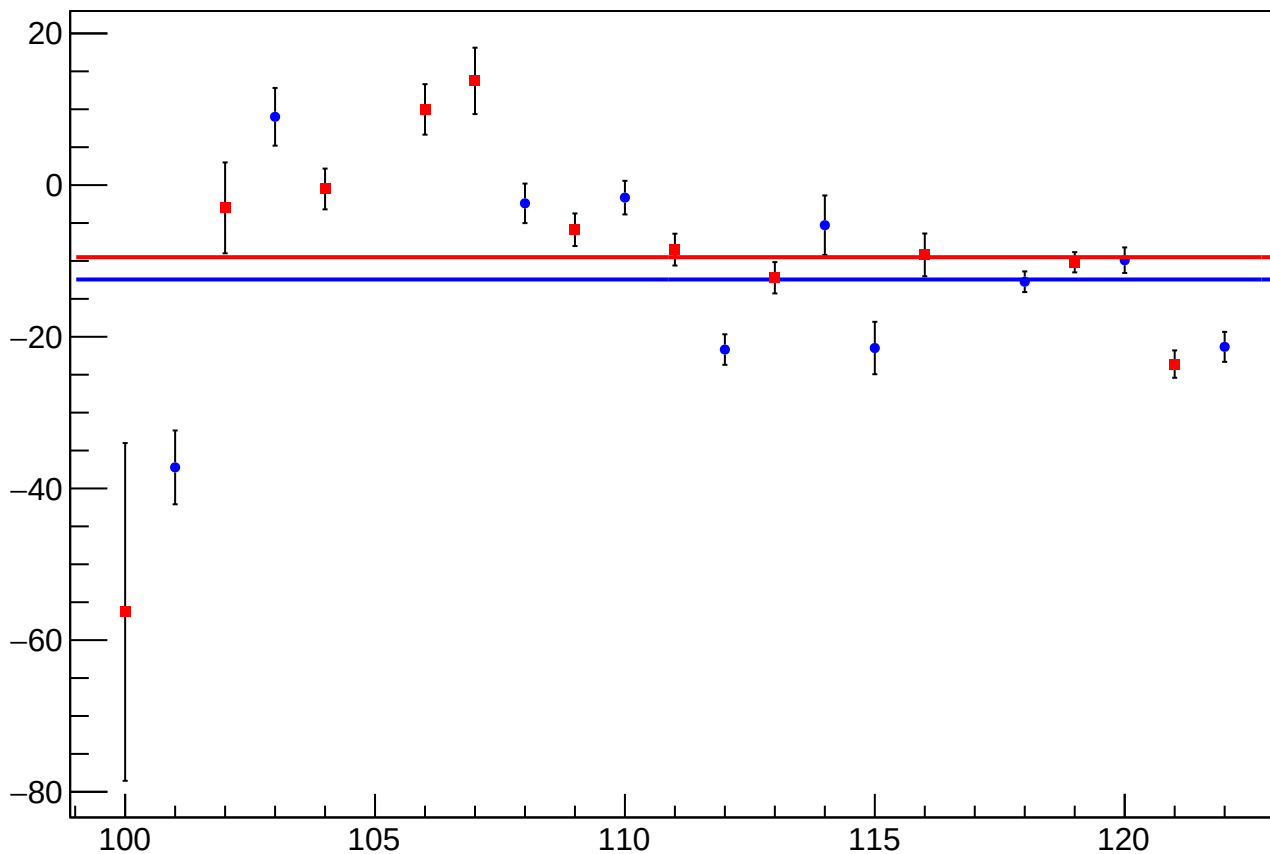
Right: -50.309 ± 0.471 χ^2/NDF : 2731.8/20

In: -54.522 ± 0.686 χ^2/NDF : 961.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.309 ± 0.471 χ^2/NDF : 2731.8/20

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: -9.503 $\pm$ 0.710 χ^2 /NDF: 145.4/10

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

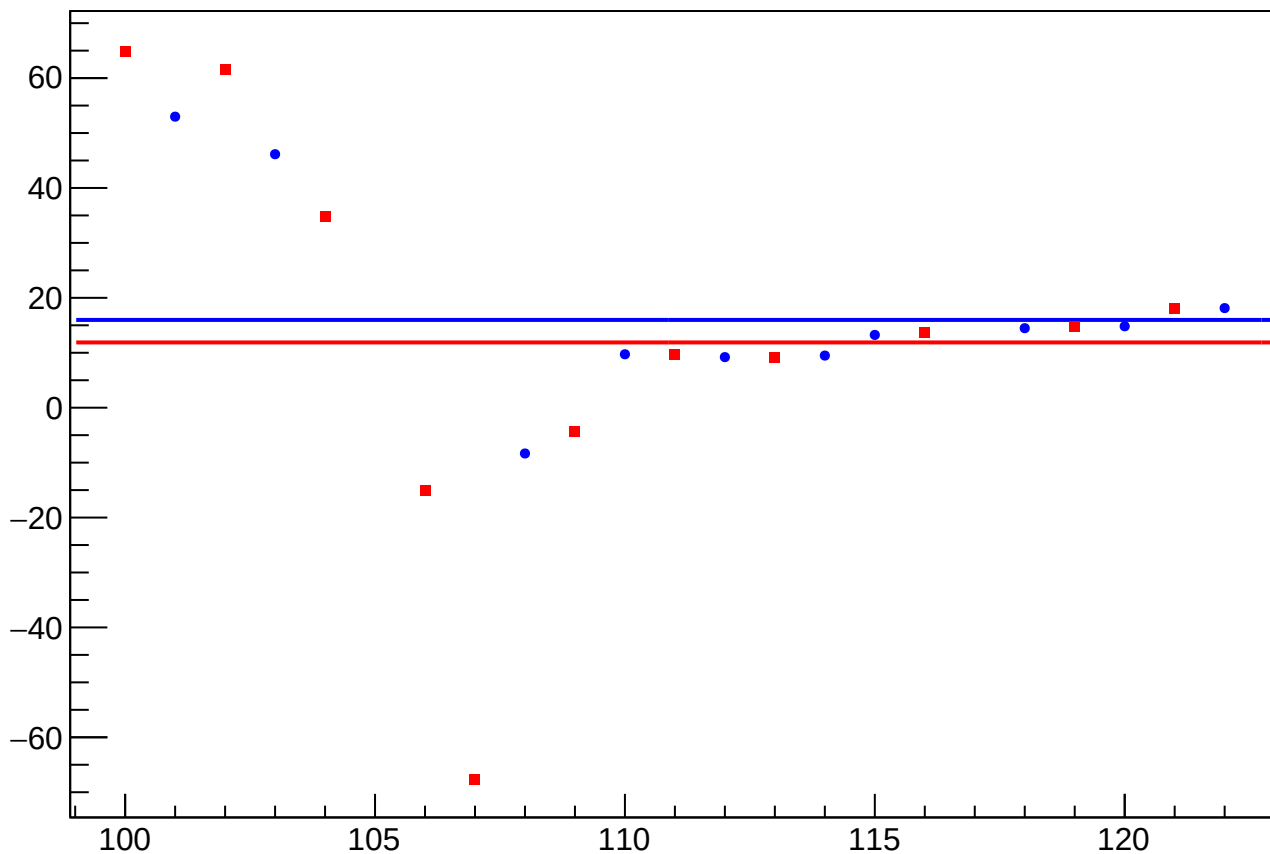
Right: -10.981 $\pm$ 0.501 χ^2 /NDF: 304.1/20

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: -10.981 $\pm$ 0.501 χ^2 /NDF: 304.1/20

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: 11.881+/-0.043 χ^2/NDF : 344858.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

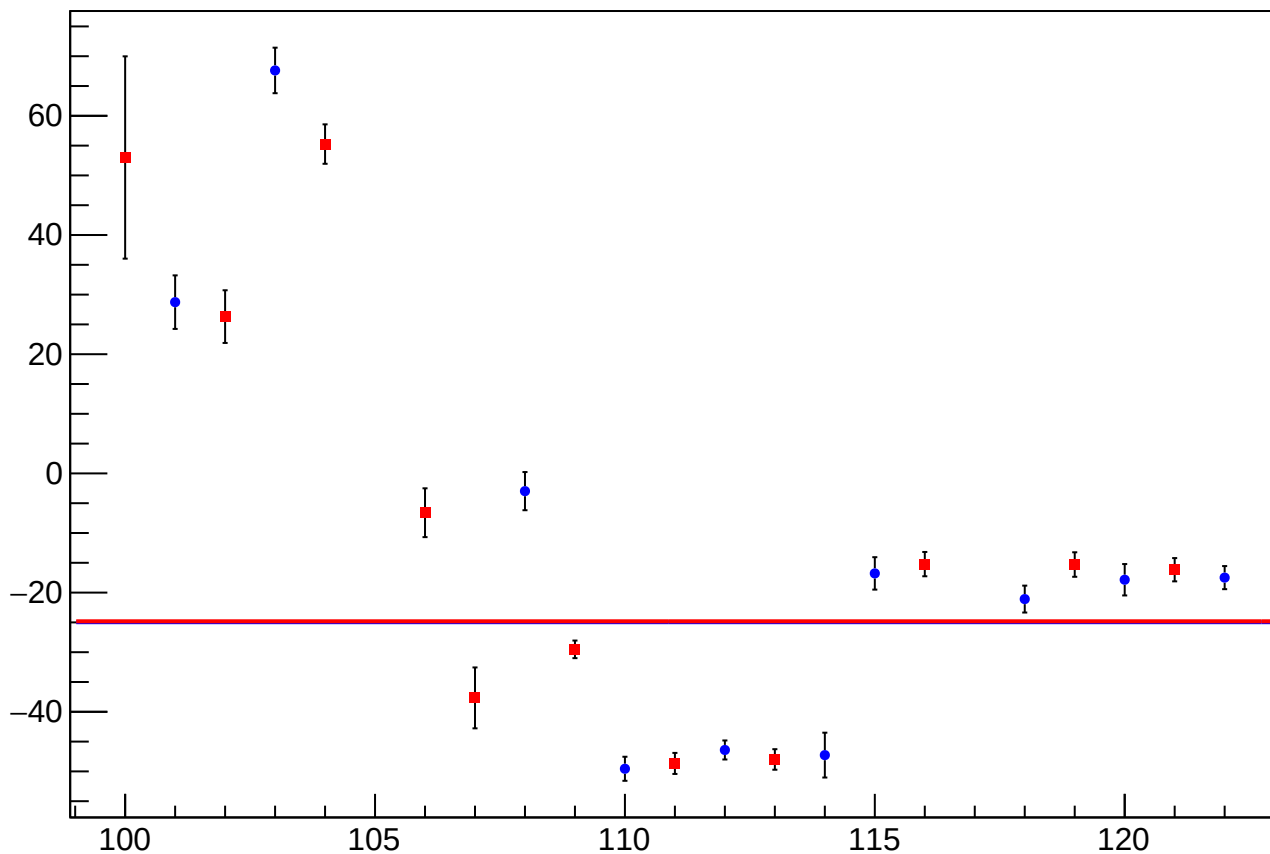
Right: 13.907+/-0.031 χ^2/NDF : 553740.8/20

In: 15.979+/-0.044 χ^2/NDF : 204454.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.907+/-0.031 χ^2/NDF : 553740.8/20

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: -24.814 $\pm$ 0.690 χ^2 /NDF: 1203.7/10

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

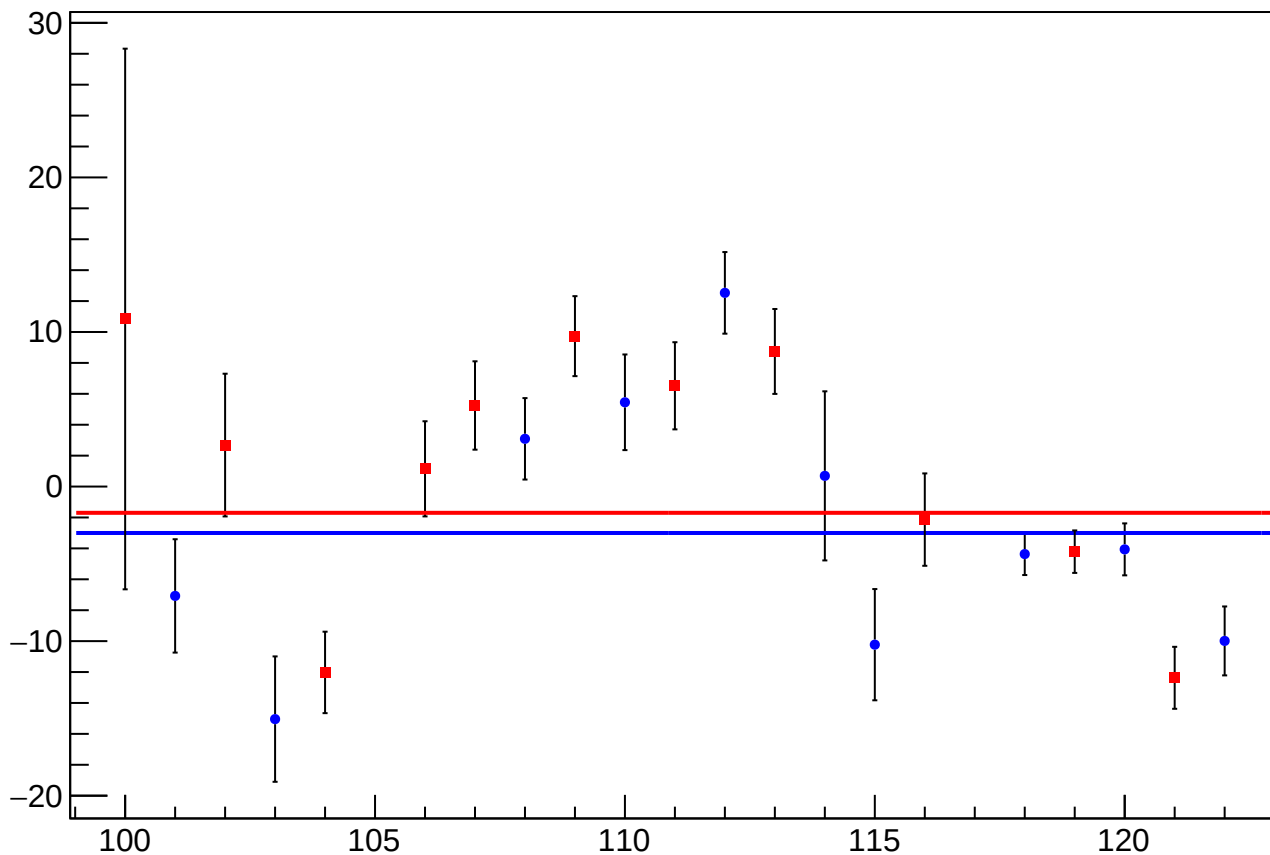
Right: -24.881 $\pm$ 0.515 χ^2 /NDF: 2379.6/20

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: -24.881 $\pm$ 0.515 χ^2 /NDF: 2379.6/20

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: -1.699+/-0.762 χ^2/NDF : 97.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

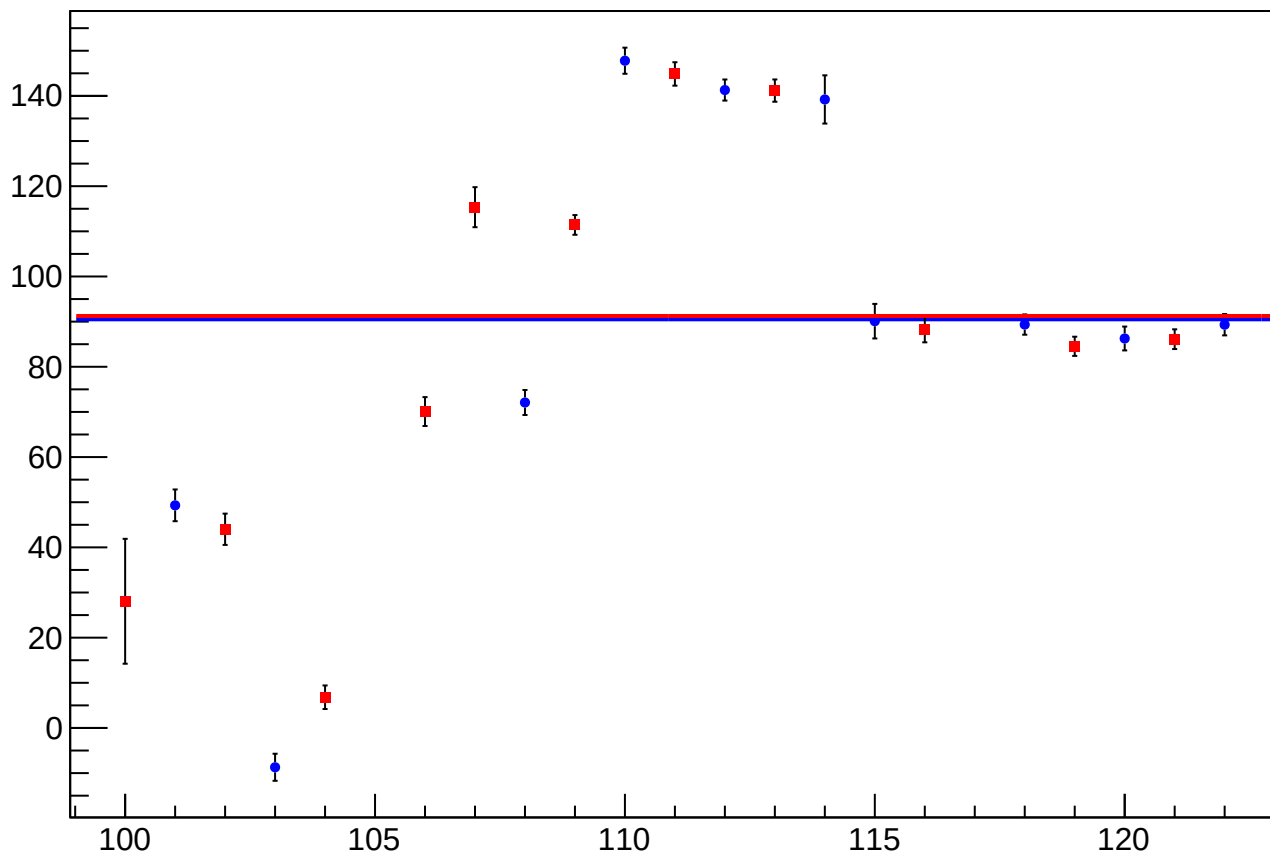
Right: -2.354+/-0.538 χ^2/NDF : 172.4/20

In: -3.003+/-0.759 χ^2/NDF :73.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.354+/-0.538 χ^2/NDF : 172.4/20

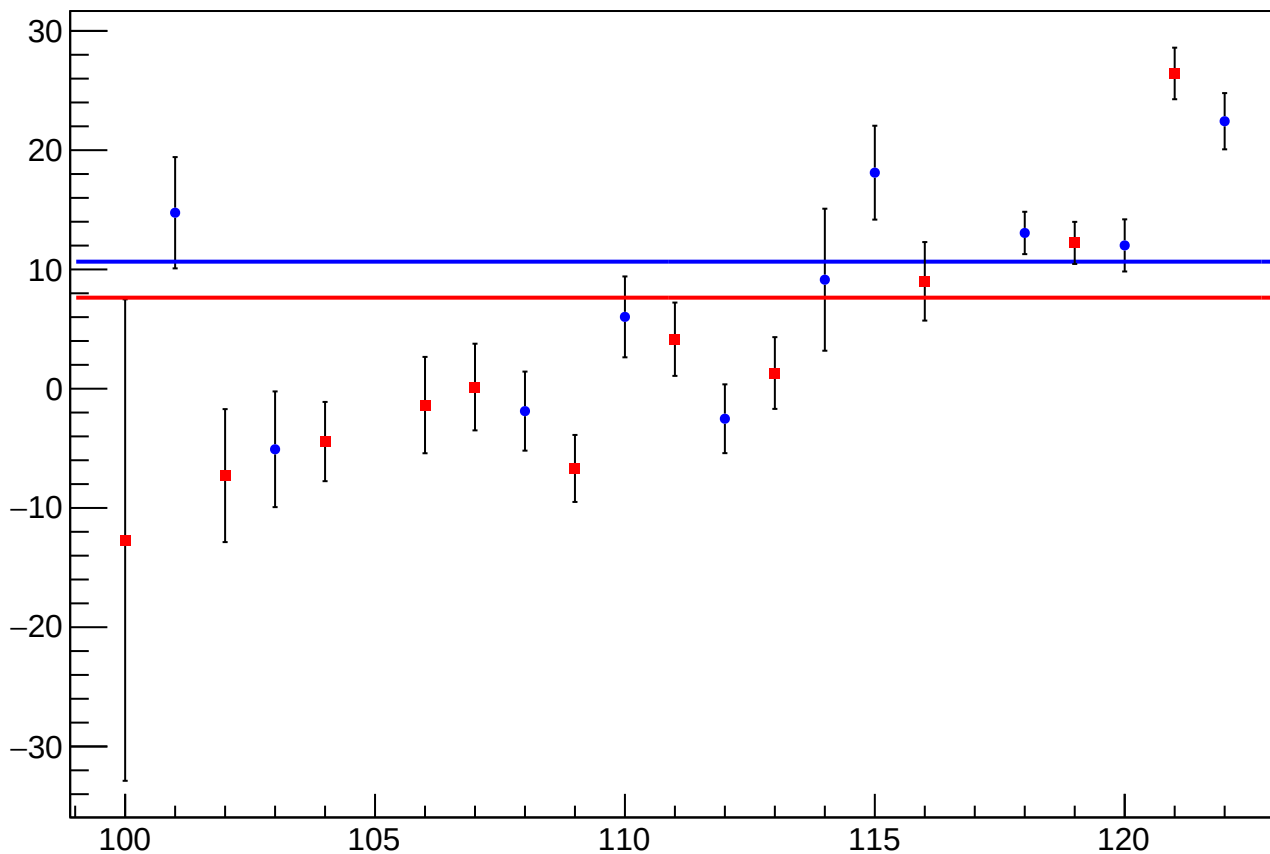
reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.513+/-0.895 χ^2/NDF : 2229.5/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 91.245+/-0.829 χ^2/NDF : 2265.3/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 90.907+/-0.608 χ^2/NDF : 4495.2/20
 In: 90.513+/-0.895 χ^2/NDF : 2229.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 90.907+/-0.608 χ^2/NDF : 4495.2/20

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.652+/-0.918 χ^2/NDF : 79.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.633+/-0.901 χ^2/NDF : 144.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

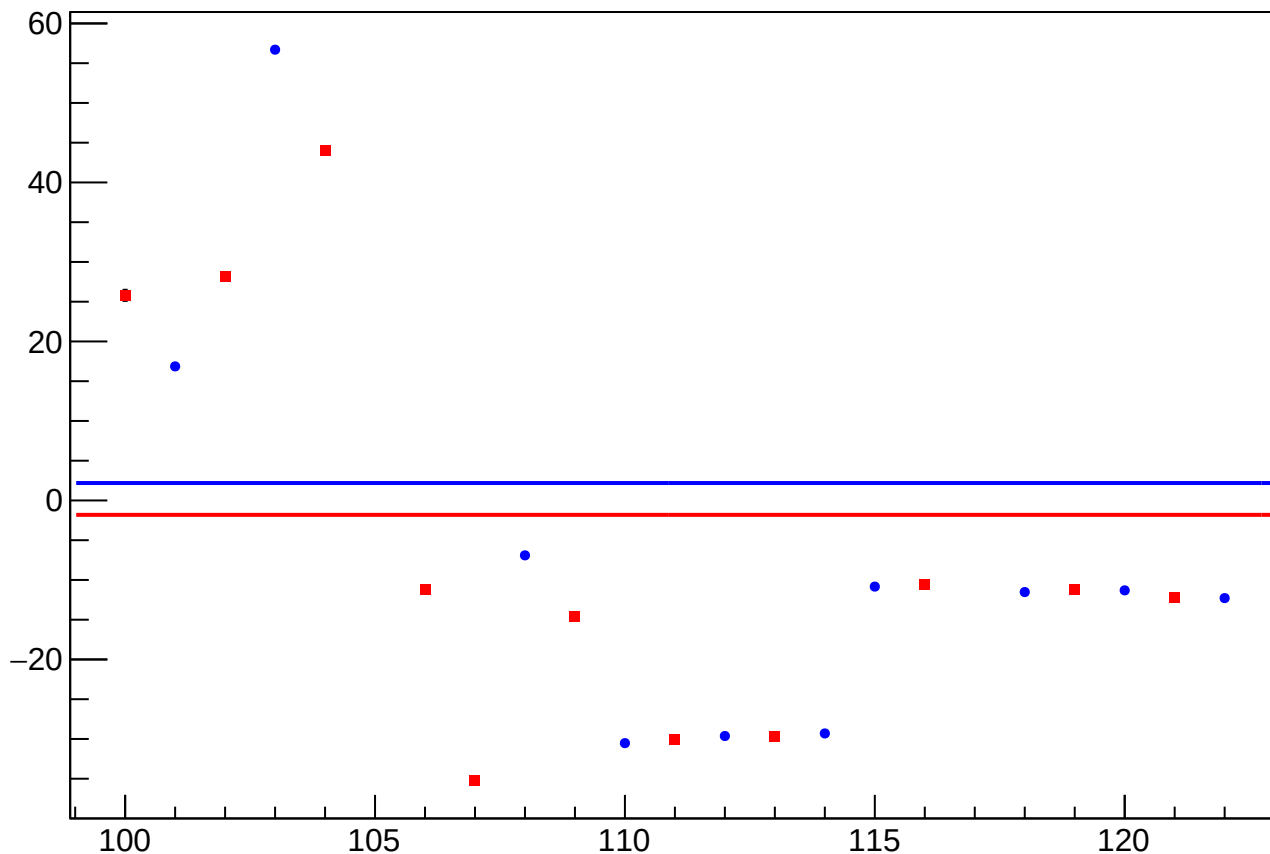
Right: 9.113+/-0.643 χ^2/NDF : 229.5/20

In: 10.652+/-0.918 χ^2/NDF : 79.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.113+/-0.643 χ^2/NDF : 229.5/20

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: -1.811+/-0.053 χ^2/NDF : 267448.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

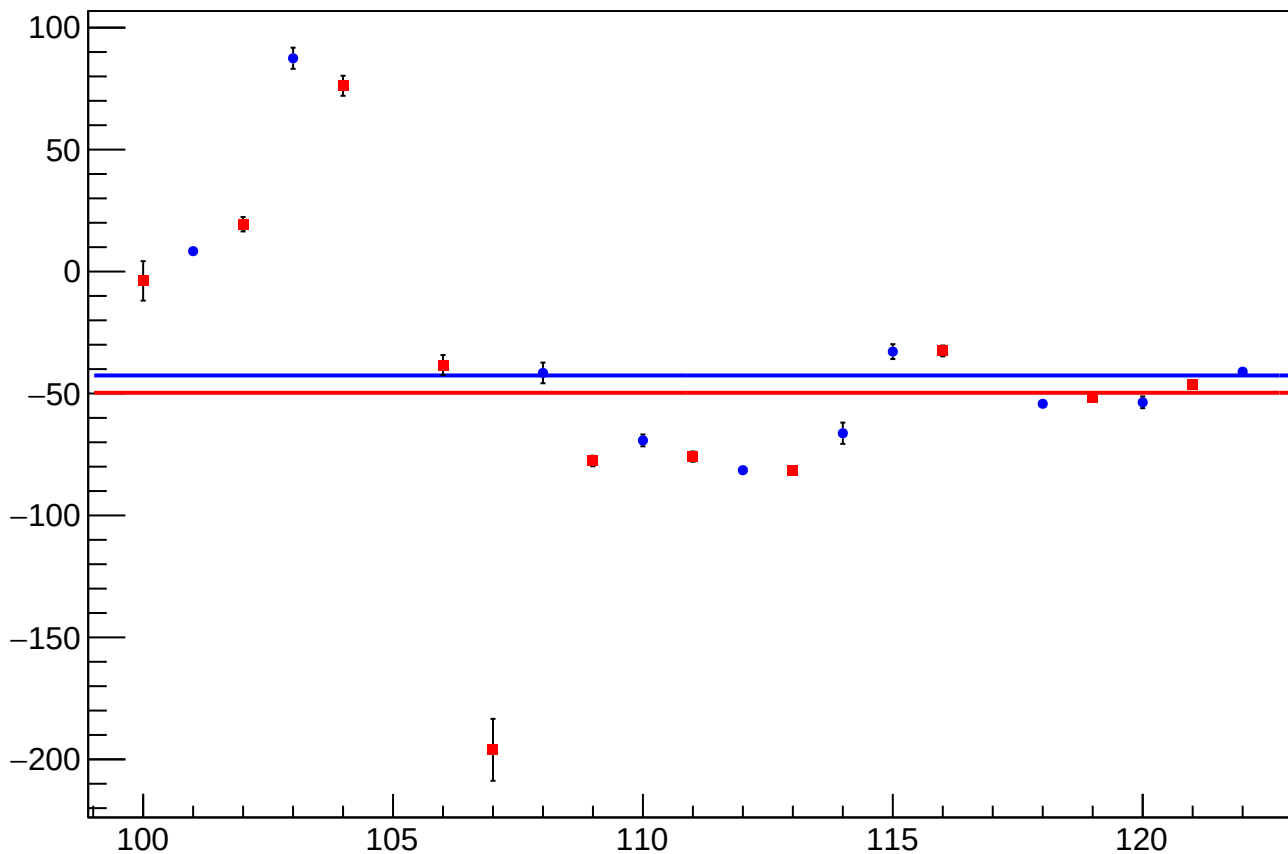
Right: 0.055+/-0.038 χ^2/NDF : 542899.6/20

In: 2.192+/-0.056 χ^2/NDF : 272745.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.055+/-0.038 χ^2/NDF : 542899.6/20

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

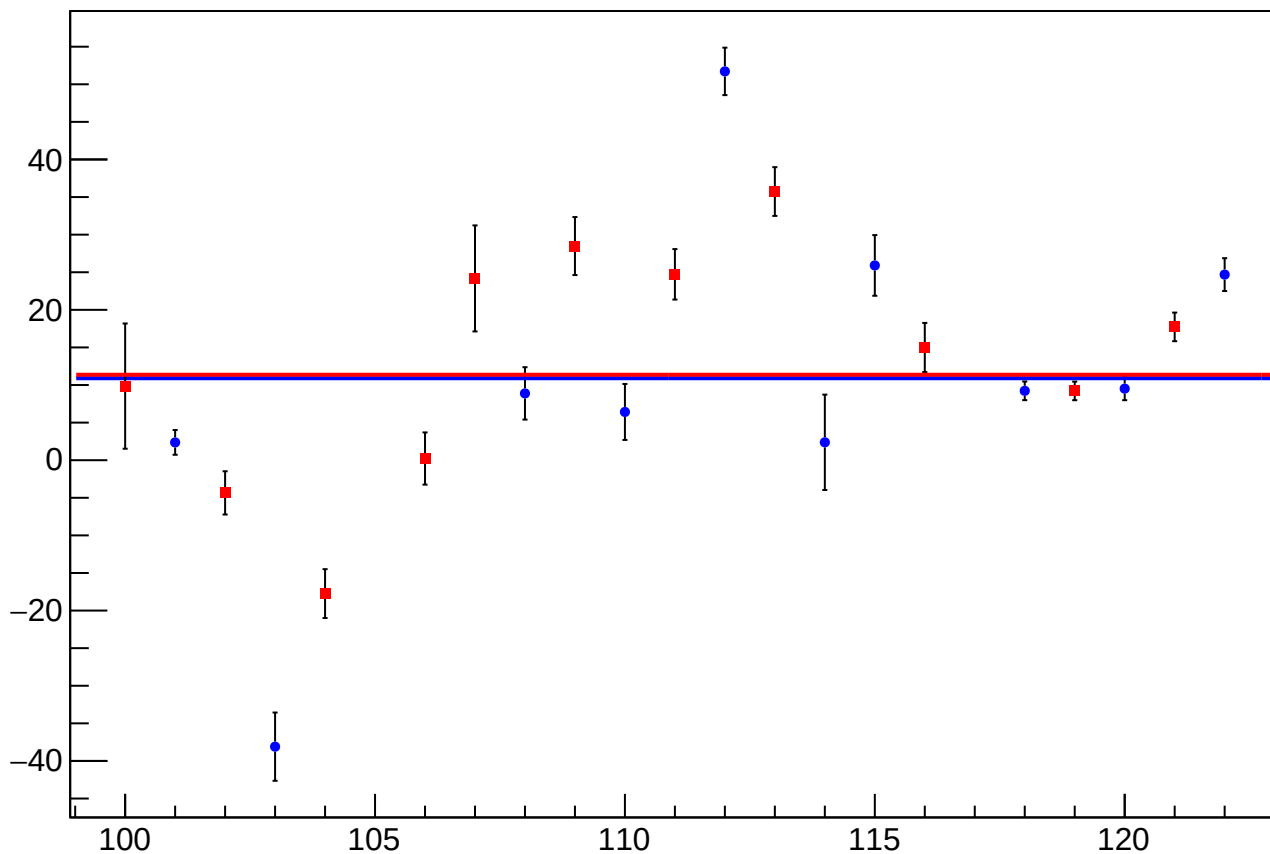
Right: -46.216 ± 0.546 χ^2/NDF : 4502.6/20

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+/-0.700 χ^2/NDF : 370.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.366+/-0.788 χ^2/NDF : 231.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

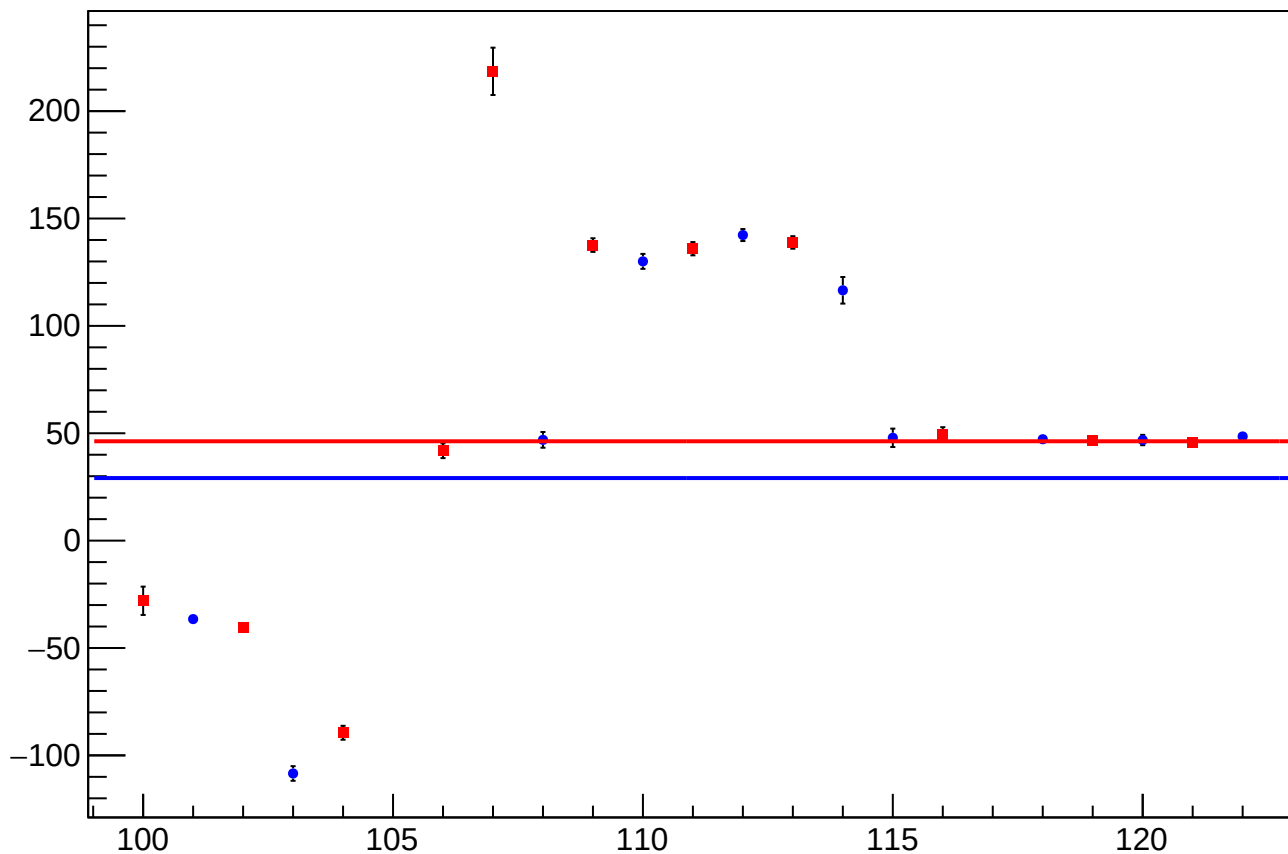
Right: 11.106+/-0.523 χ^2/NDF : 602.0/20

In: 10.902+/-0.700 χ^2/NDF : 370.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.106+/-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

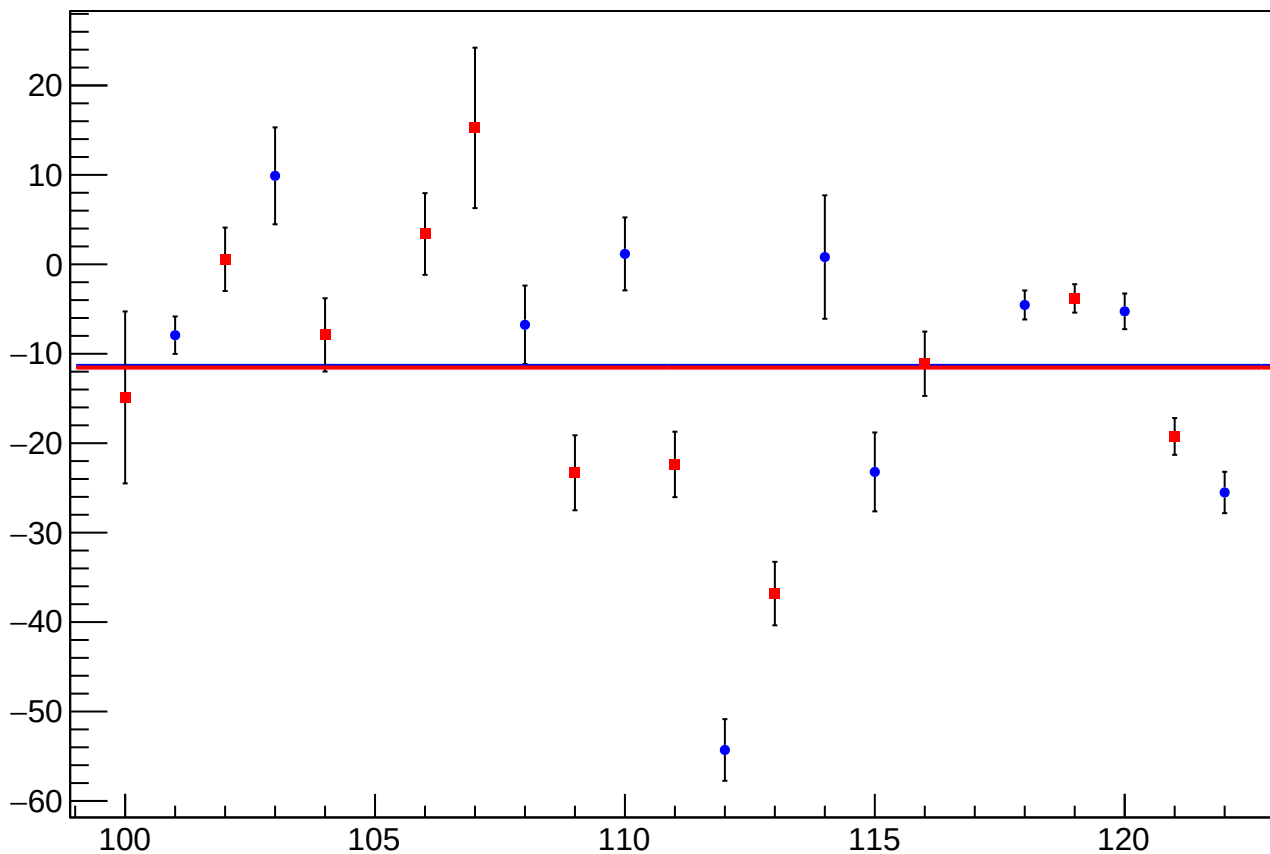
Right: 37.301+/-0.600 χ^2/NDF : 12718.5/20

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 $\pm$ 0.861 χ^2 /NDF: 258.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.548 $\pm$ 0.940 χ^2 /NDF: 137.2/10

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

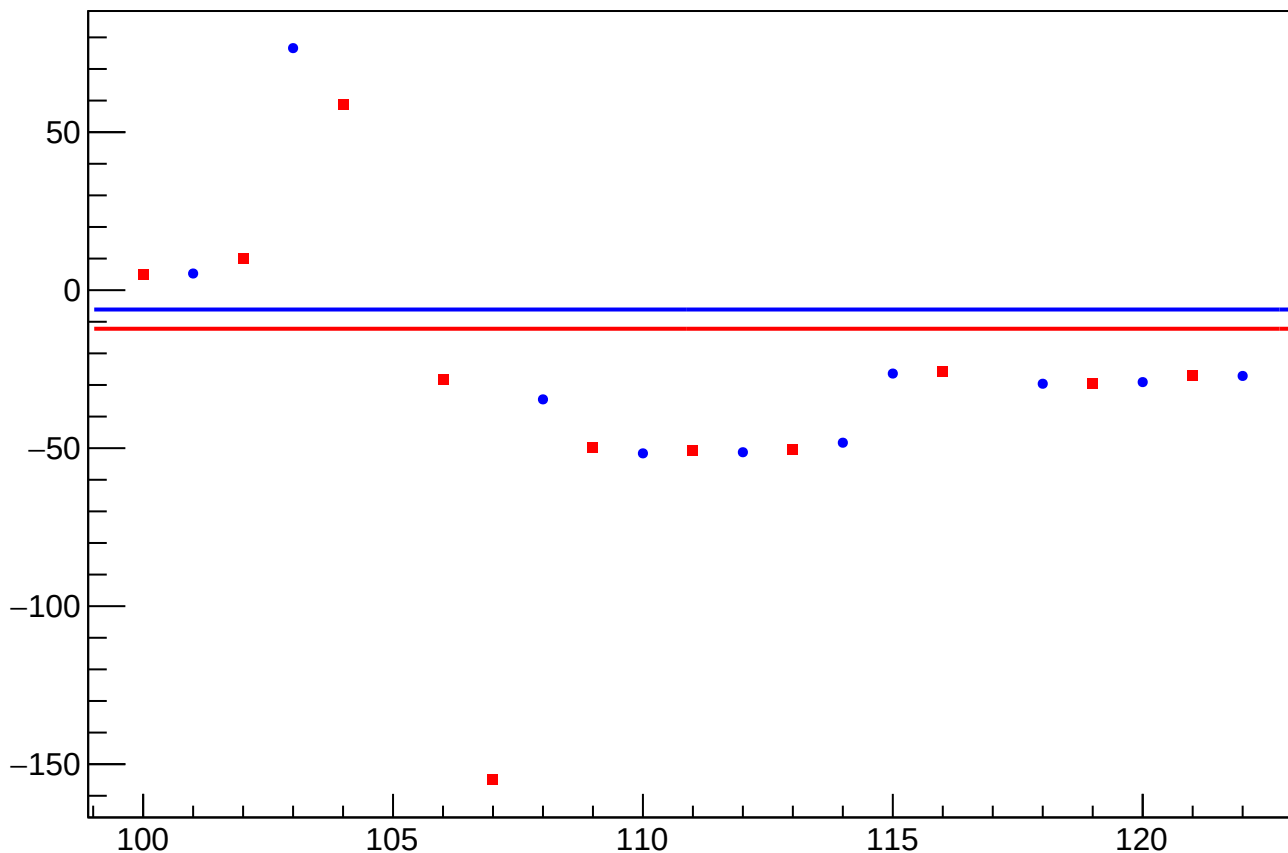
Right: -11.442 $\pm$ 0.635 χ^2 /NDF: 395.9/20

In: -11.354 $\pm$ 0.861 χ^2 /NDF:258.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.442 $\pm$ 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

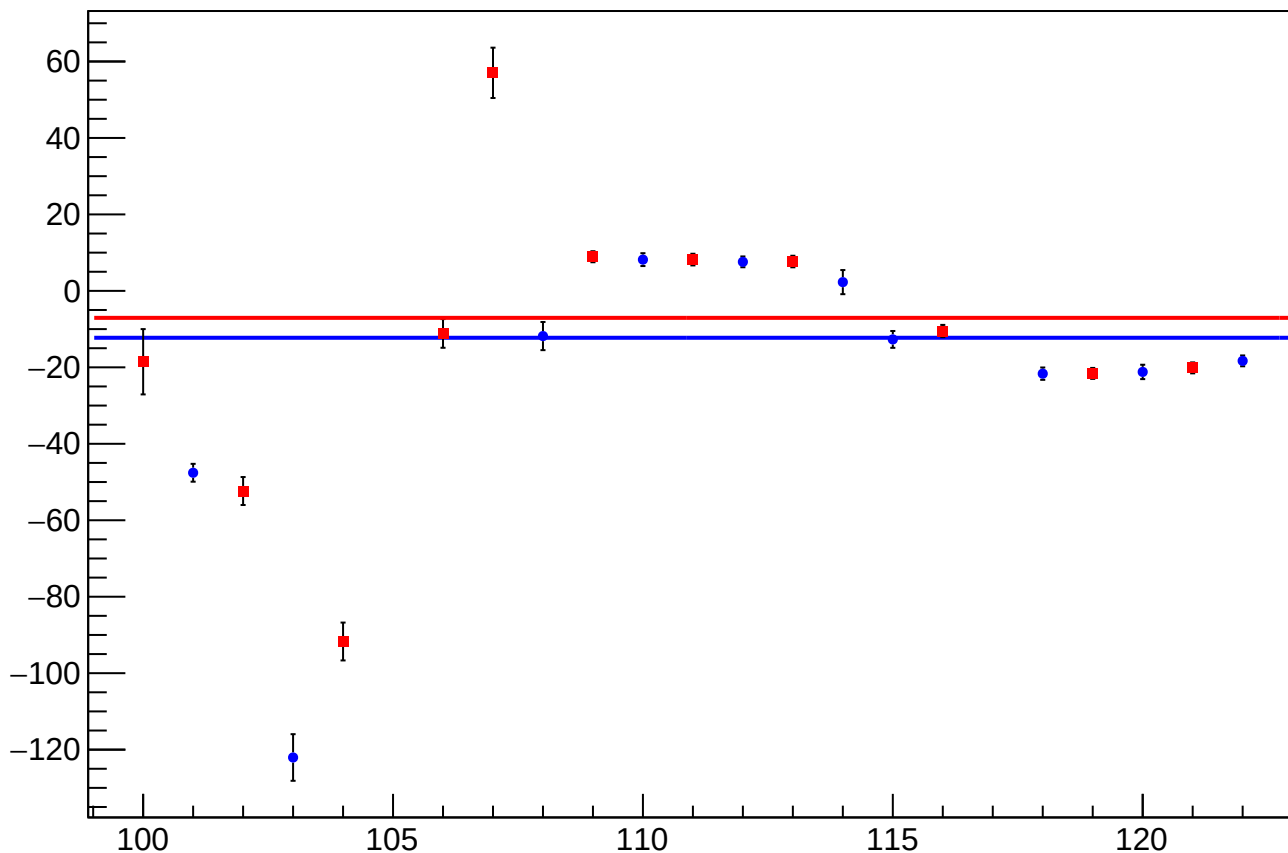
Right: -9.108+/-0.038 χ^2/NDF : 998216.1/20

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

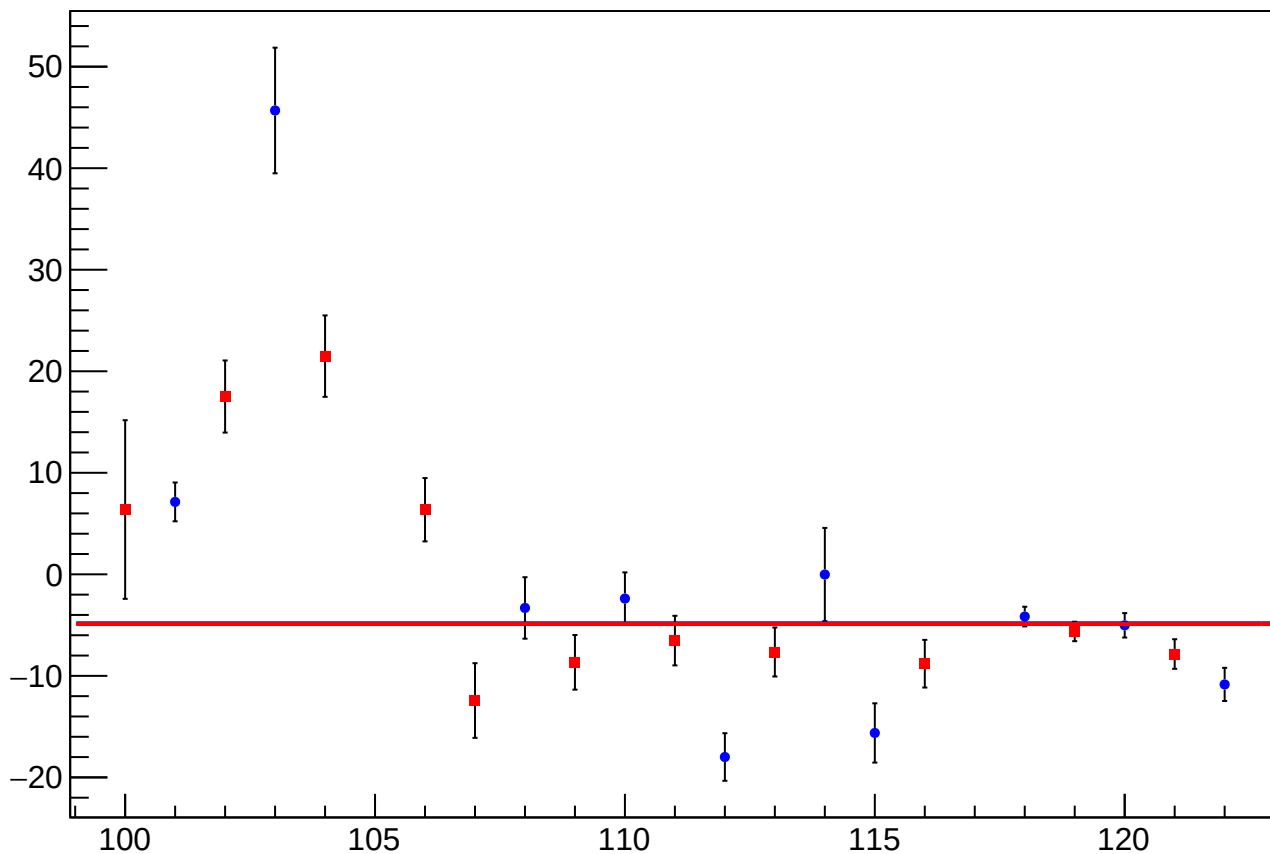
Right: -9.506+/-0.425 χ^2/NDF : 2083.5/20

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

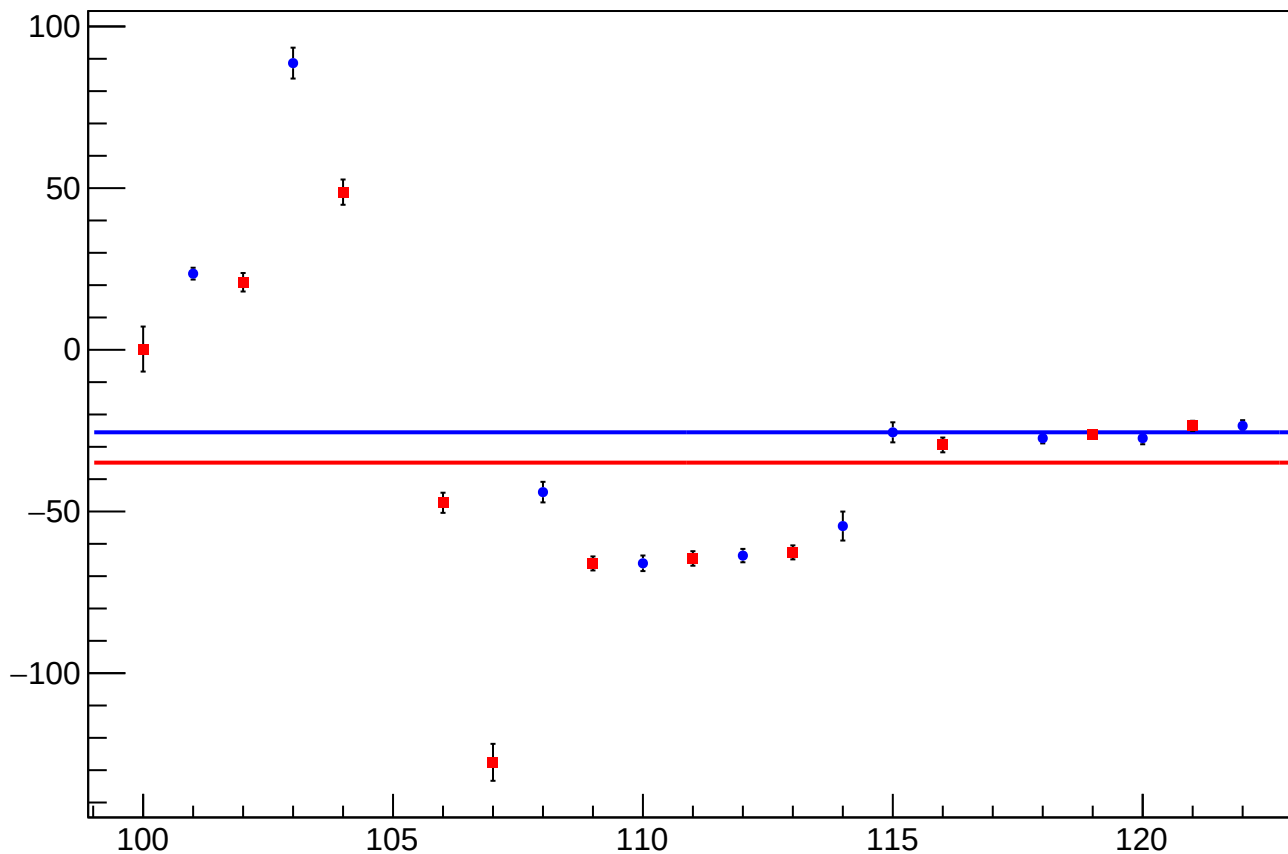
Right: -4.856+/-0.423 χ^2/NDF : 280.6/20

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

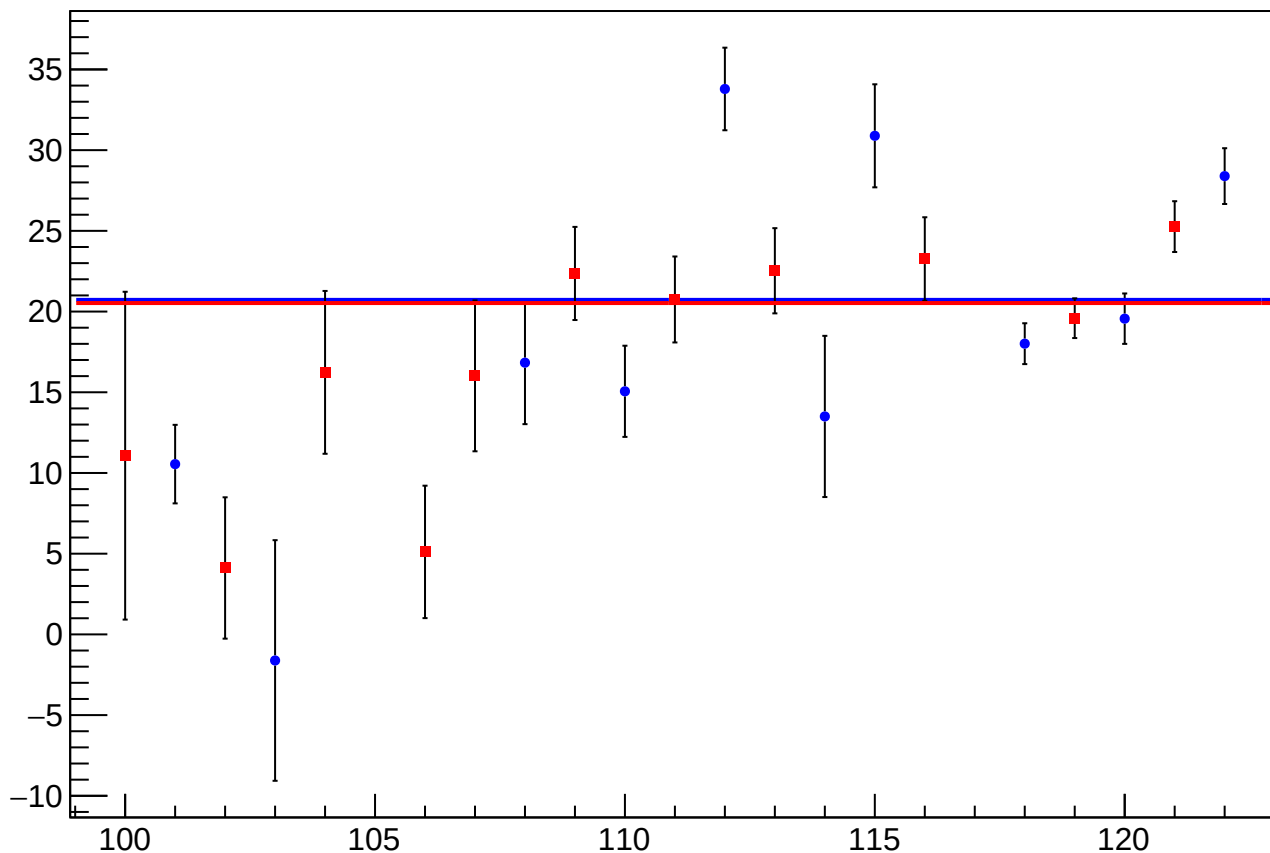
Right: -30.208+/-0.499 χ^2/NDF : 3862.1/20

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+/-0.700 χ^2/NDF : 94.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.527+/-0.740 χ^2/NDF : 42.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

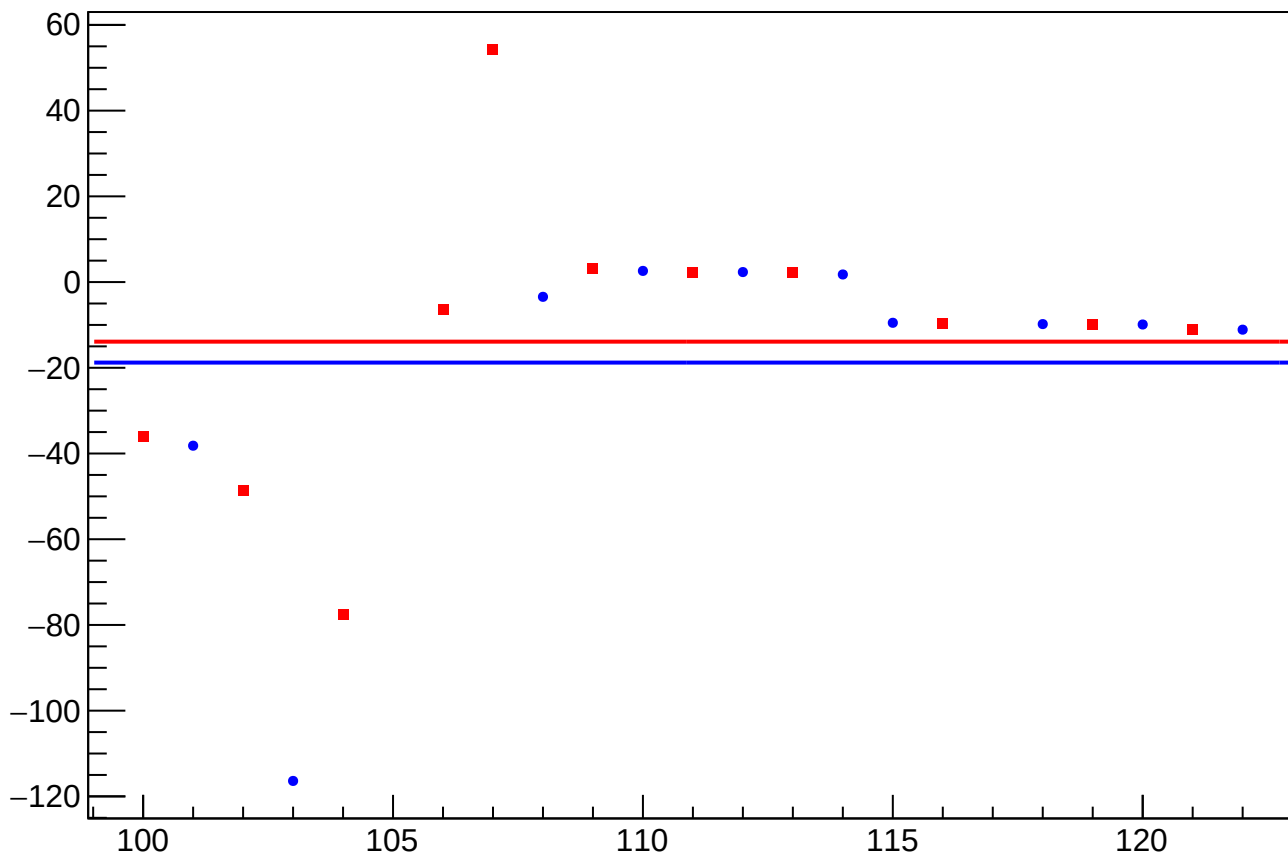
Right: 20.631+/-0.509 χ^2/NDF : 137.2/20

In: 20.724+/-0.700 χ^2/NDF : 94.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.631+/-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 $\chi^2/\text{NDF}: 0.0/0$

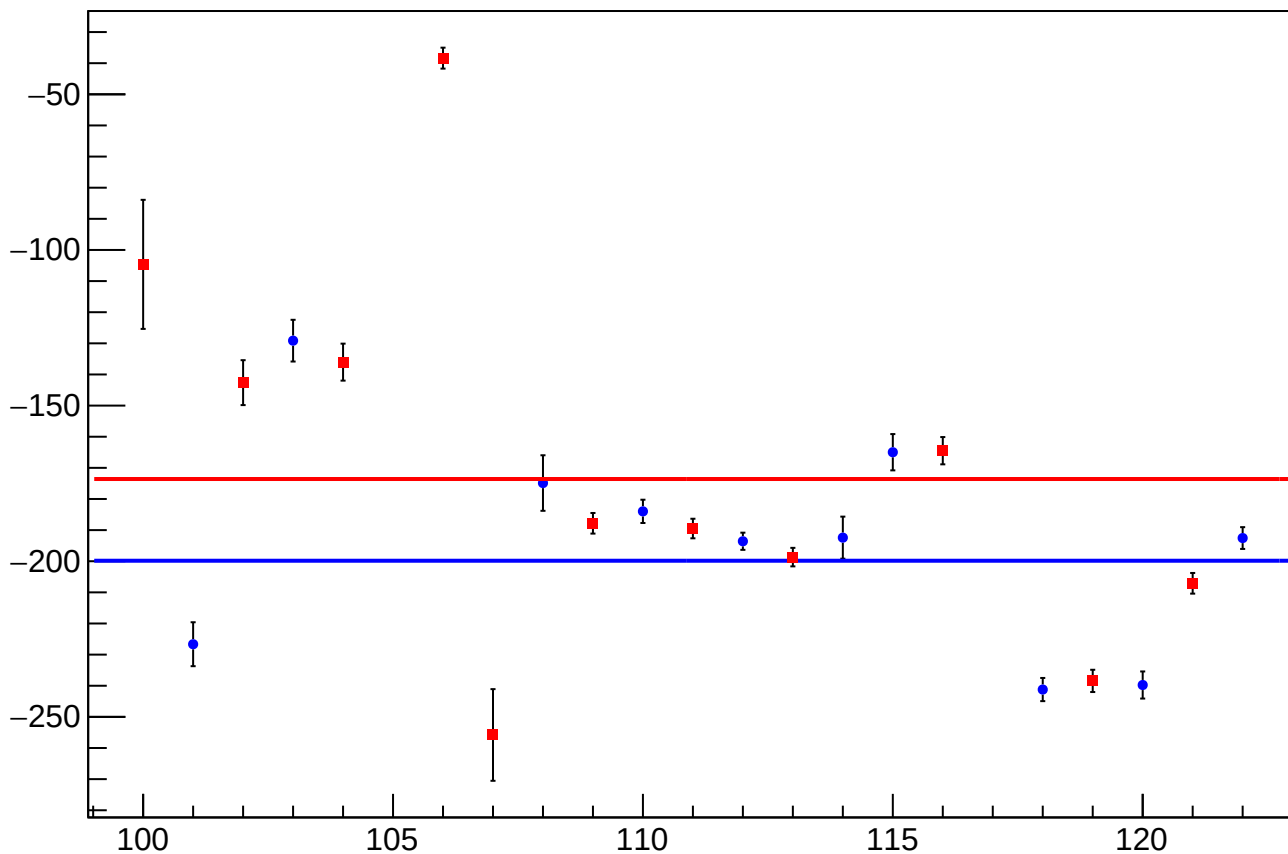
Right: -16.313 ± 0.034 $\chi^2/\text{NDF}: 638213.8/20$

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

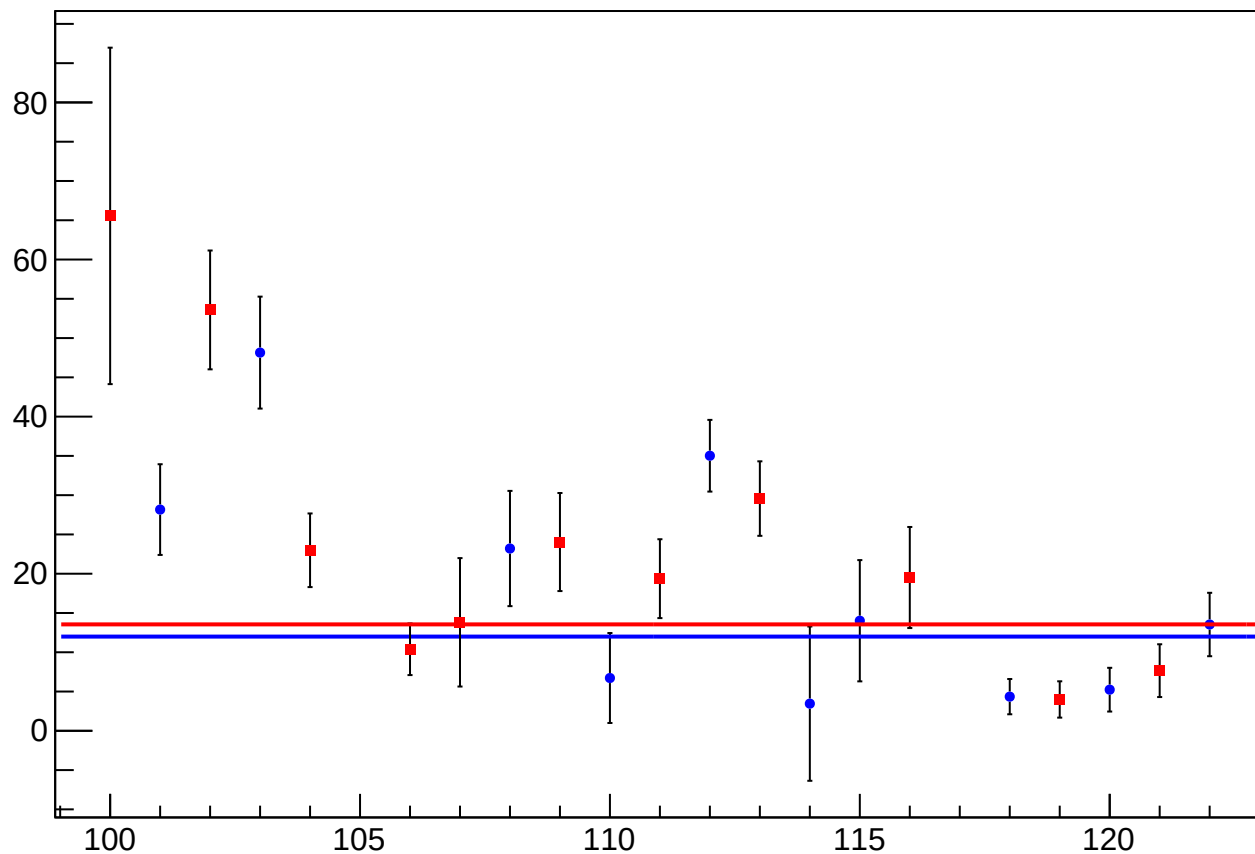
Right: -185.010+/-0.918 χ^2 /NDF: 2873.1/20

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

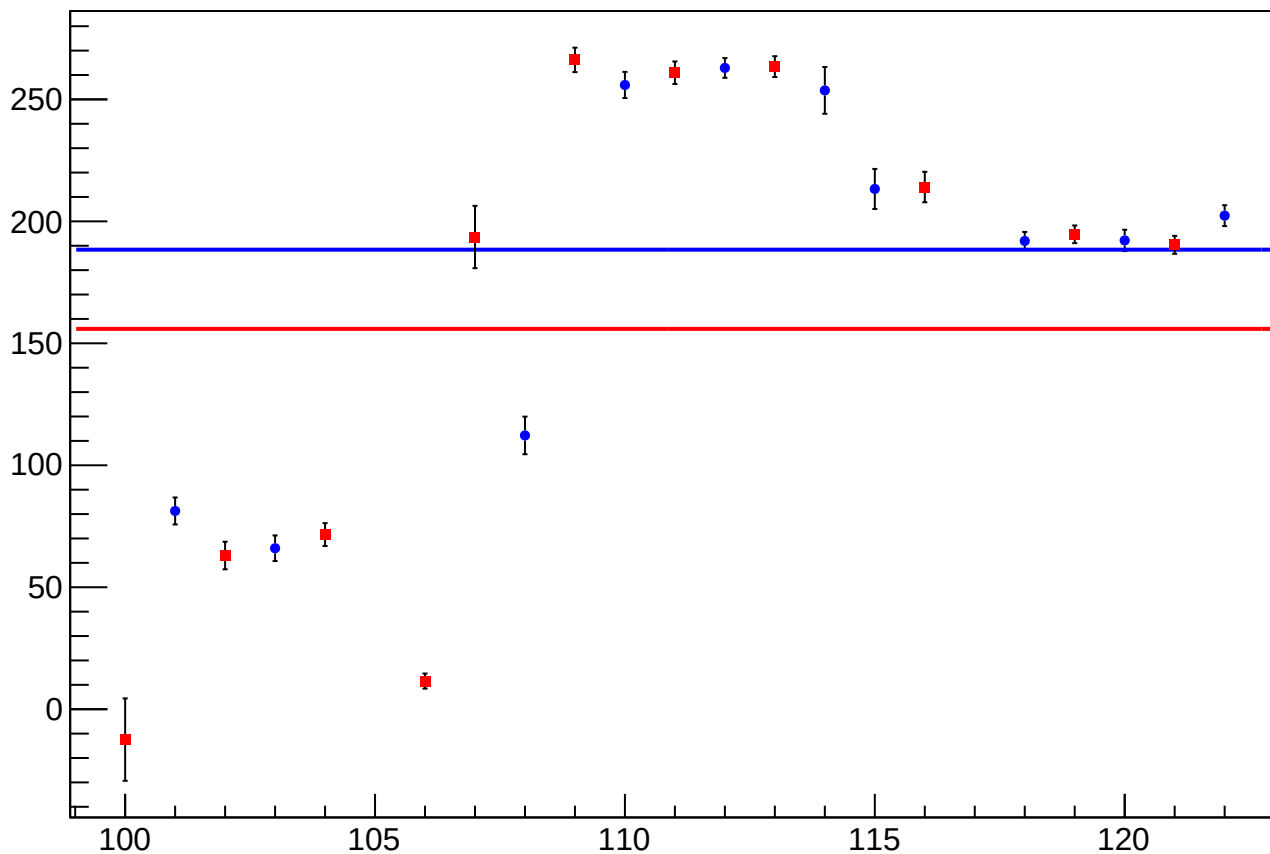
Right: 12.786+/-0.935 χ^2/NDF : 156.8/20

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

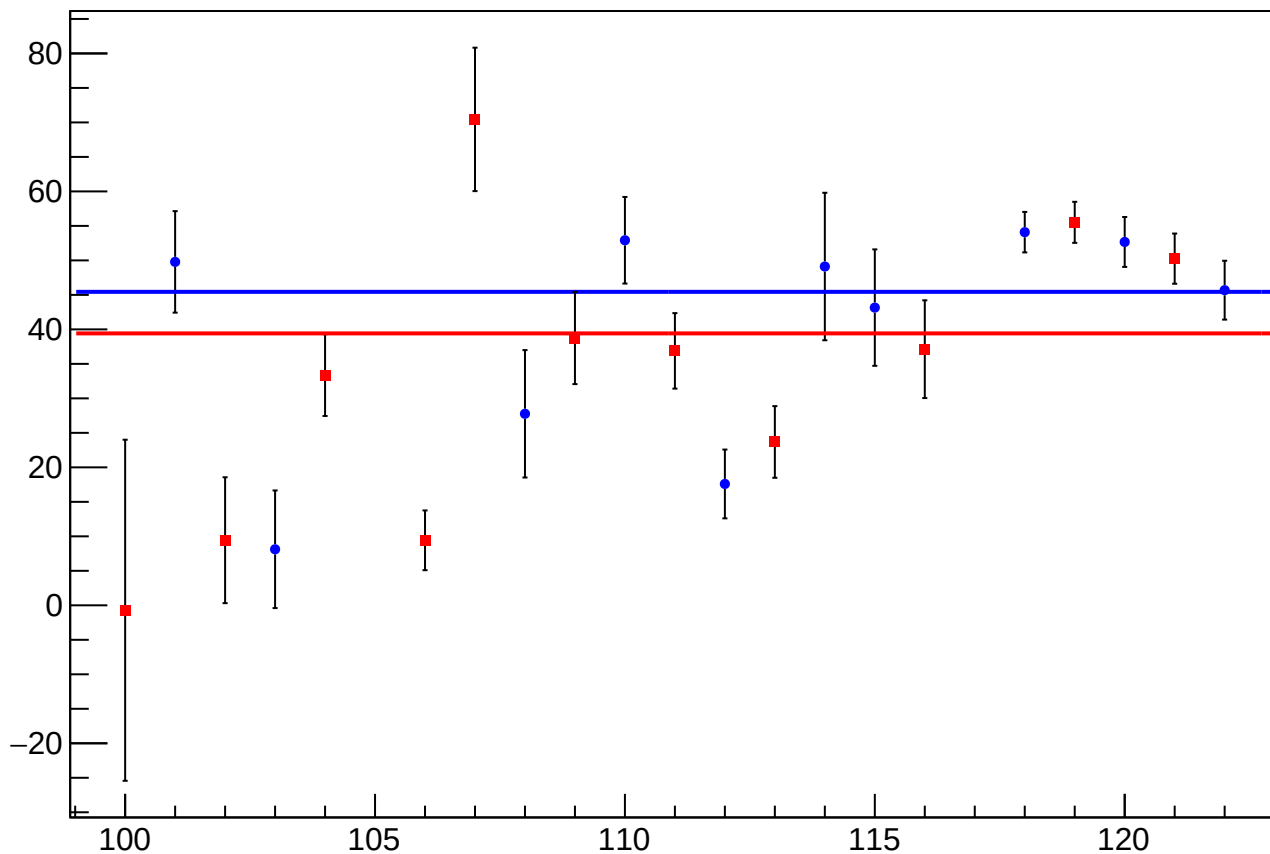
Right: 169.951 $\pm$ 1.056 χ^2 /NDF: 6630.2/20

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+/-1.622 χ^2/NDF : 68.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.419+/-1.569 χ^2/NDF : 119.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

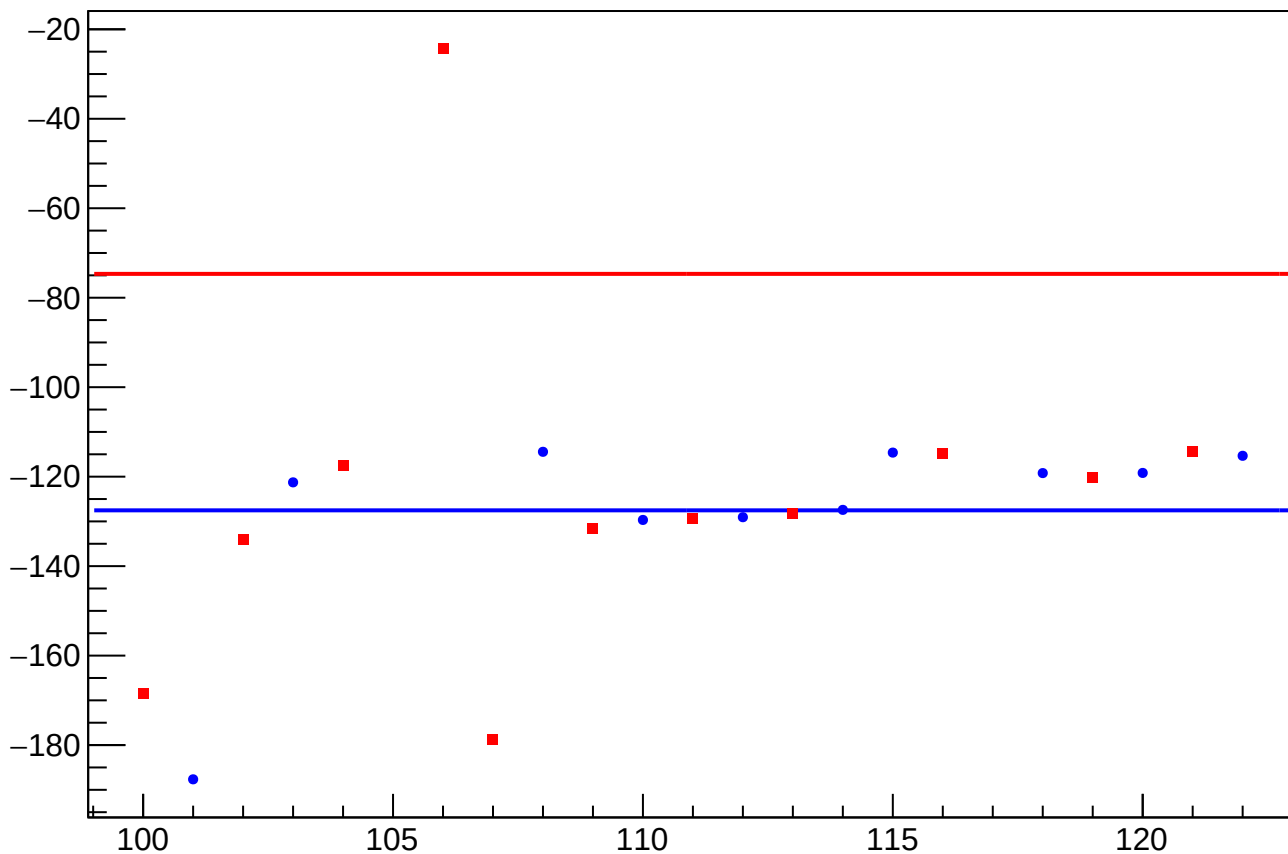
Right: 42.330+/-1.128 χ^2/NDF : 194.8/20

In: 45.442+/-1.622 χ^2/NDF : 68.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.330+/-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

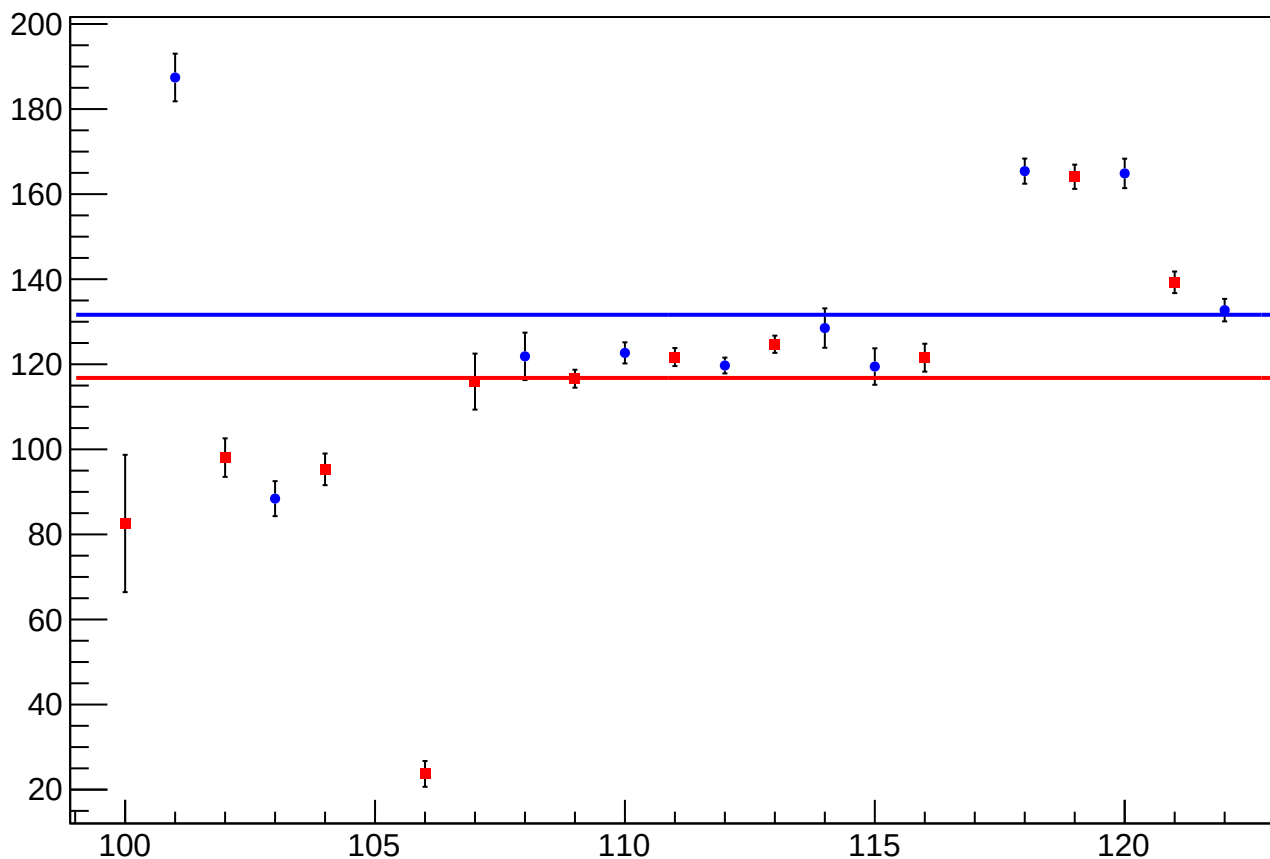
Right: -91.605+/-0.060 χ^2/NDF : 722309.7/20

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

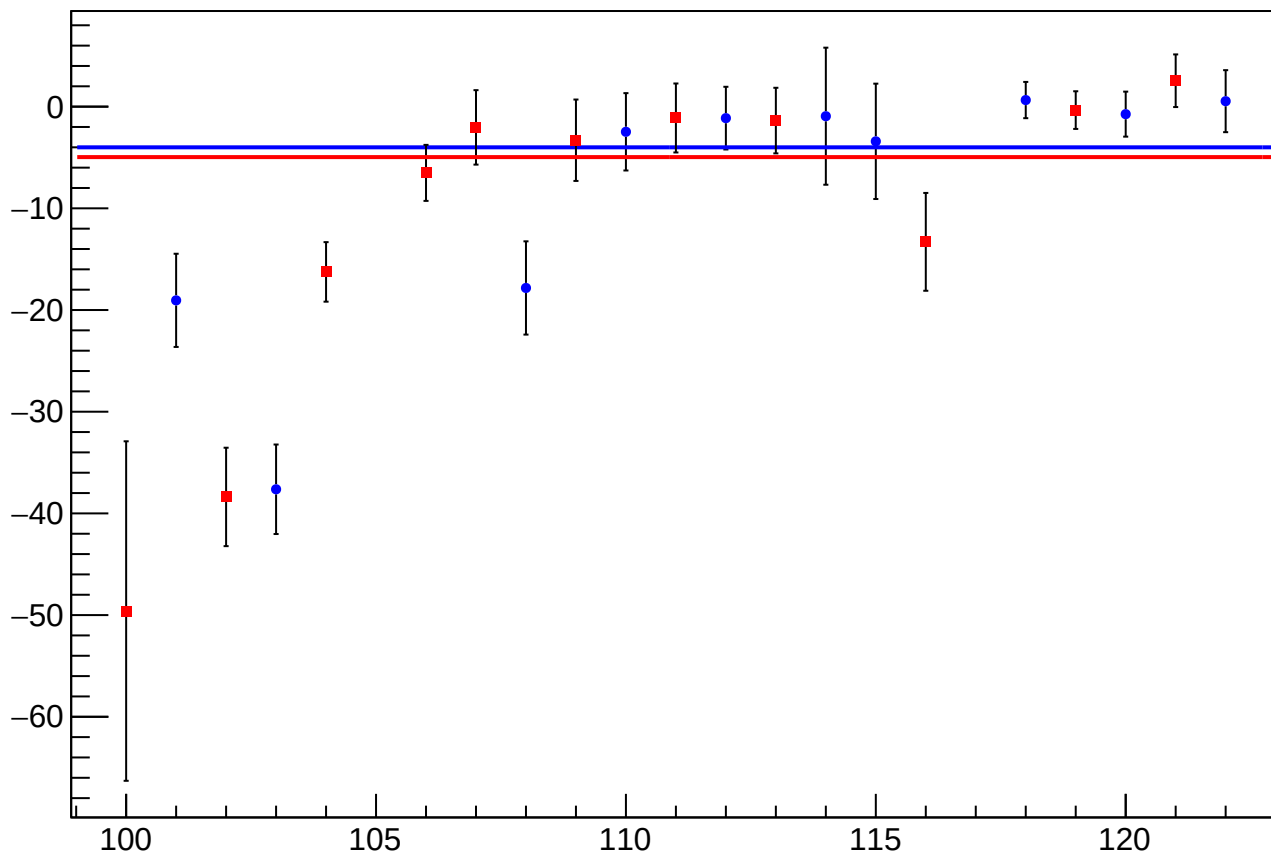
Right: 123.248 $\pm$ 0.655 χ^2 /NDF: 1997.8/20

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

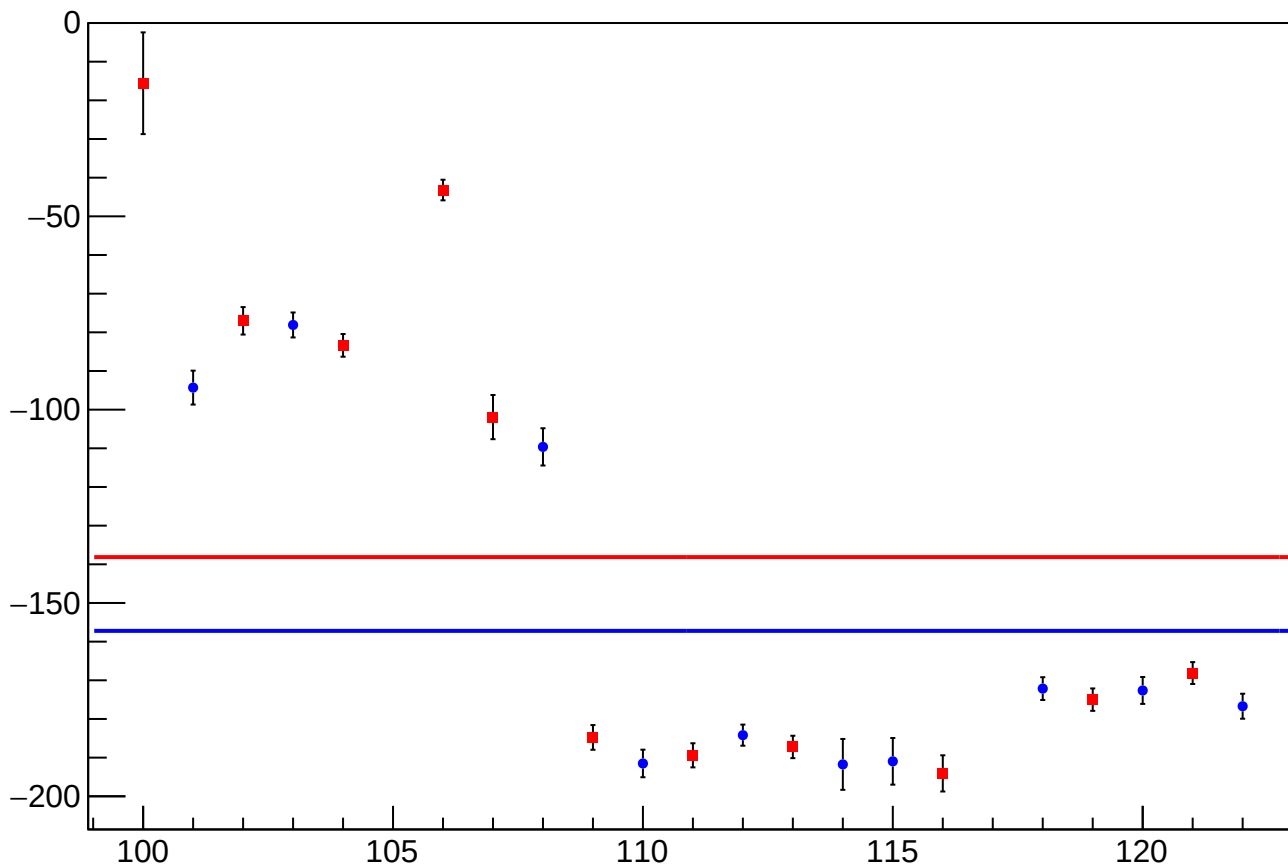
Right: -4.504 $\pm$ 0.690 χ^2 /NDF: 182.2/20

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

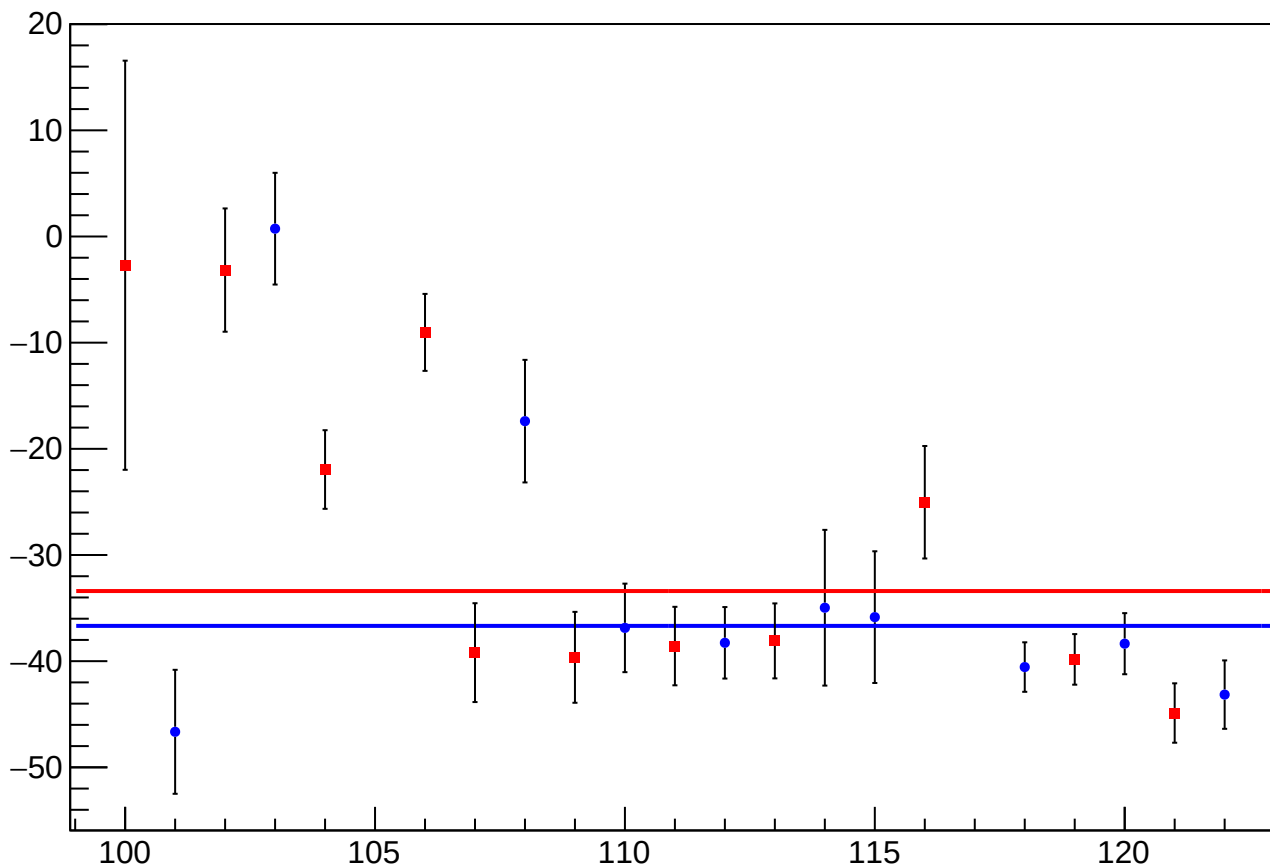
Right: -146.388+/-0.760 χ^2/NDF : 4617.6/20

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

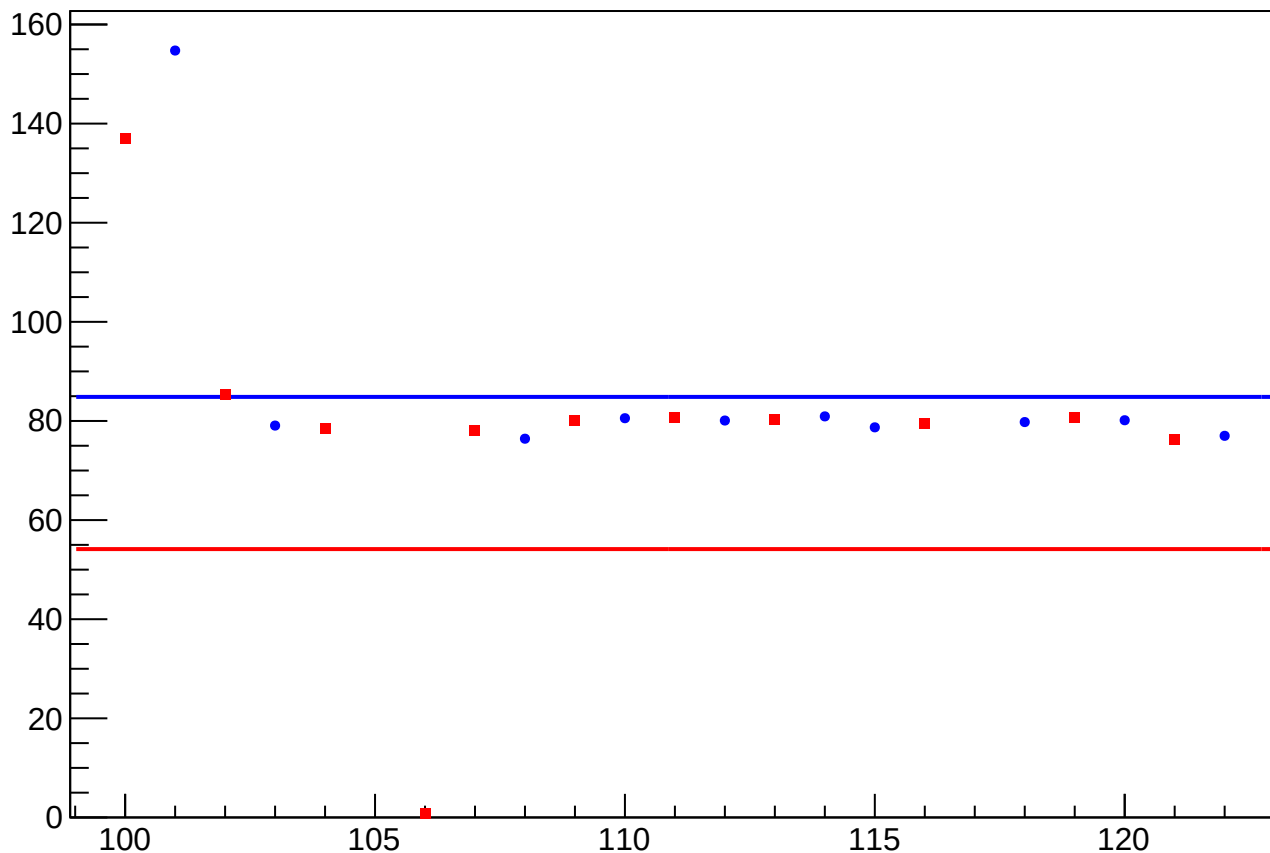
Right: -34.937 ± 0.827 χ^2/NDF : 194.5/20

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

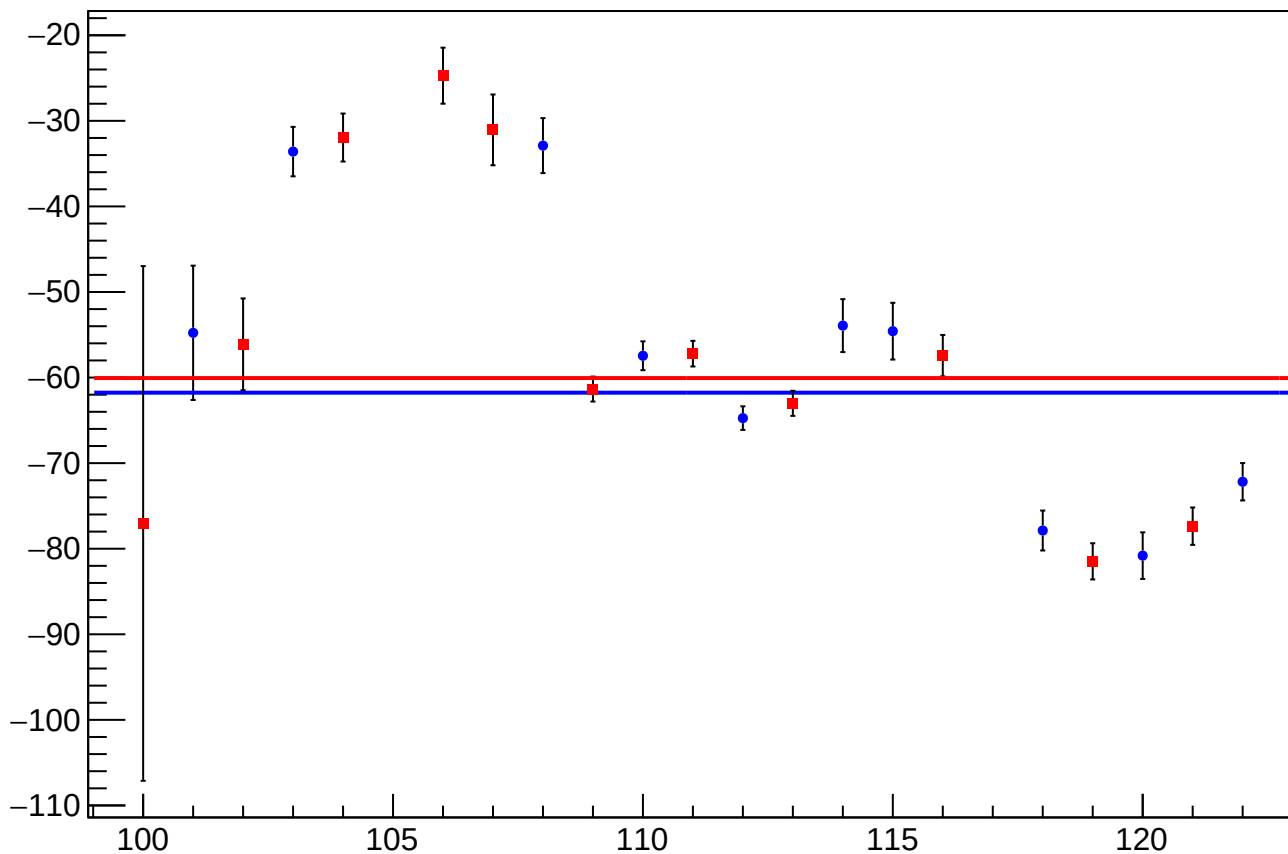
Right: 65.389+/-0.044 χ^2/NDF : 656381.4/20

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: -60.059+/-0.660 χ^2/NDF : 442.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

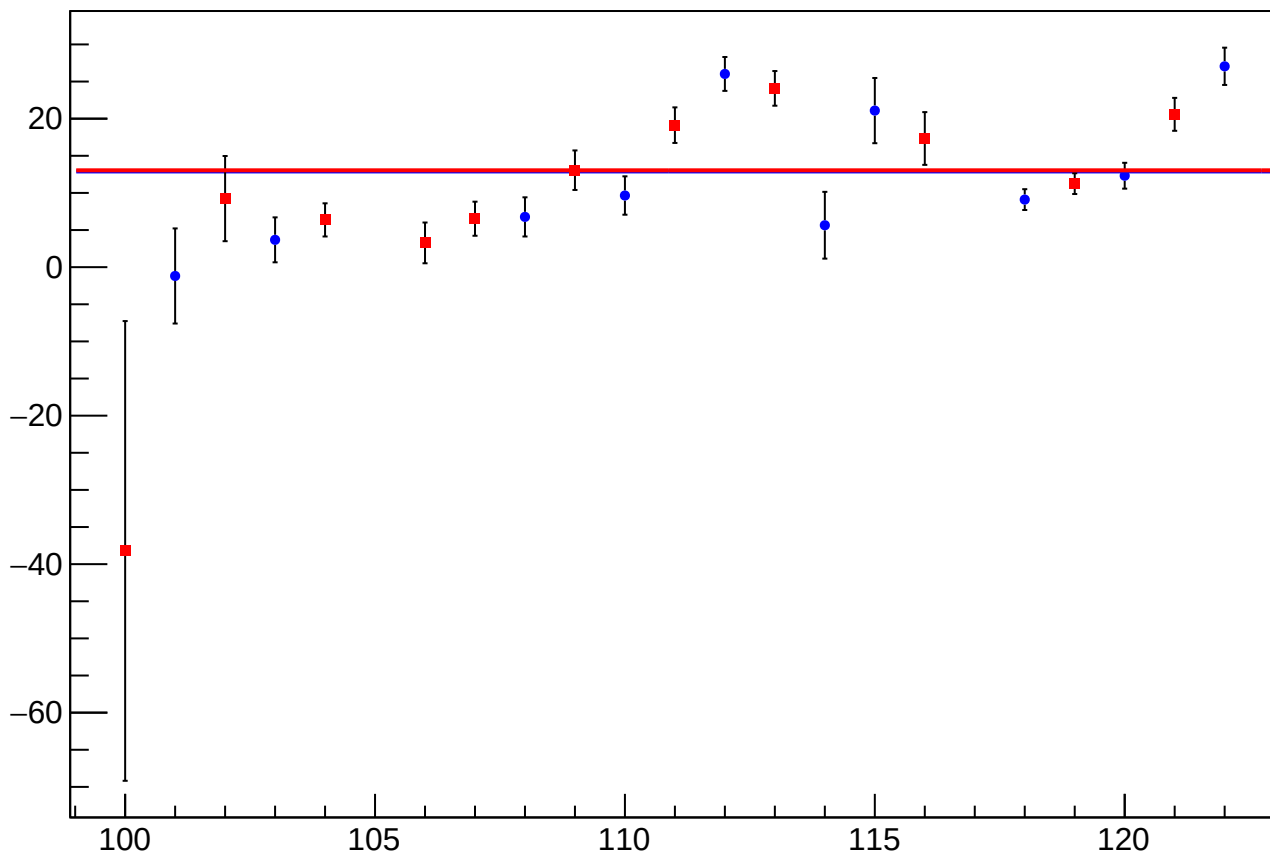
Right: -60.817+/-0.492 χ^2/NDF : 763.5/20

In: -61.765+/-0.738 χ^2/NDF : 318.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.817+/-0.492 χ^2/NDF : 763.5/20

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: 13.044+/-0.736 χ^2/NDF : 76.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

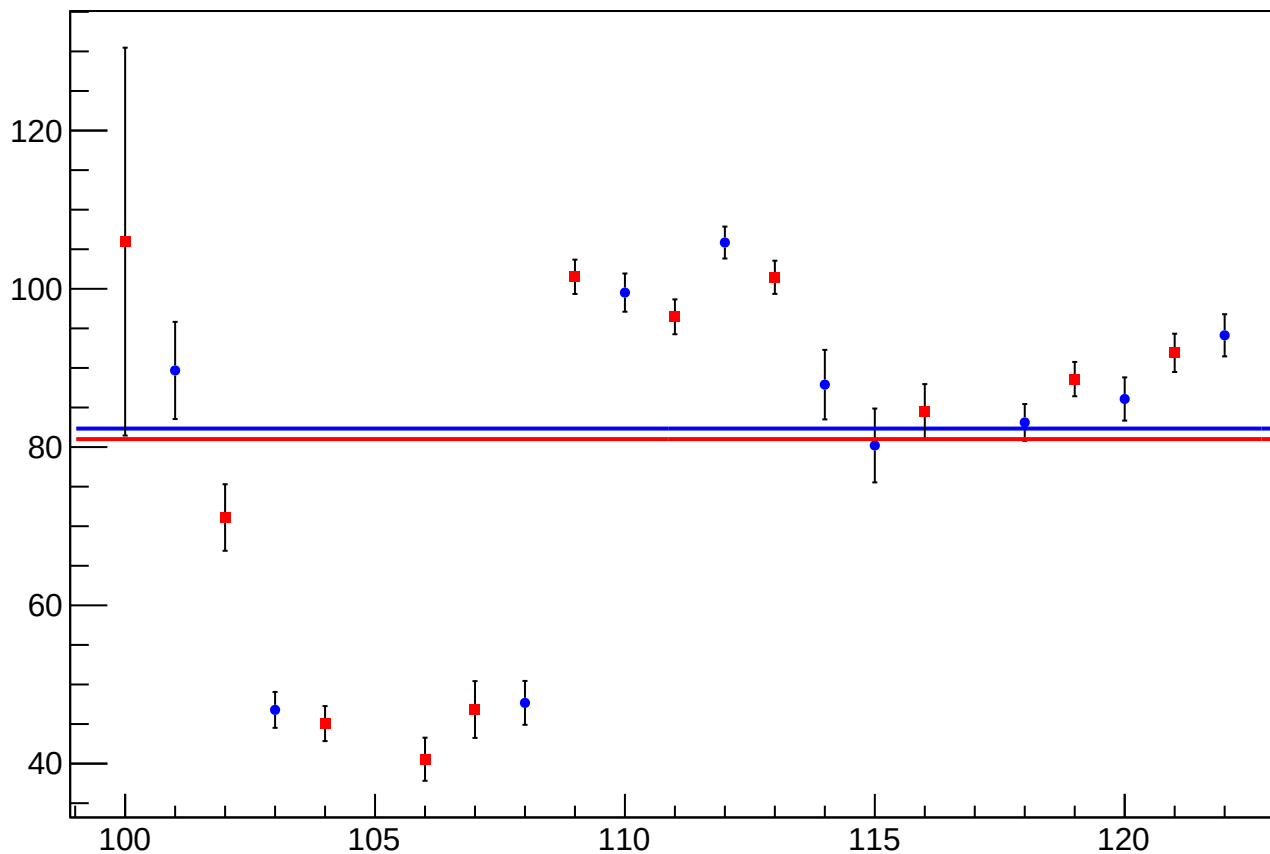
Right: 12.971+/-0.530 χ^2/NDF : 175.8/20

In: 12.893+/-0.763 χ^2/NDF : 99.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.971+/-0.530 χ^2/NDF : 175.8/20

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: 81.007+/-0.793 χ^2/NDF : 849.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

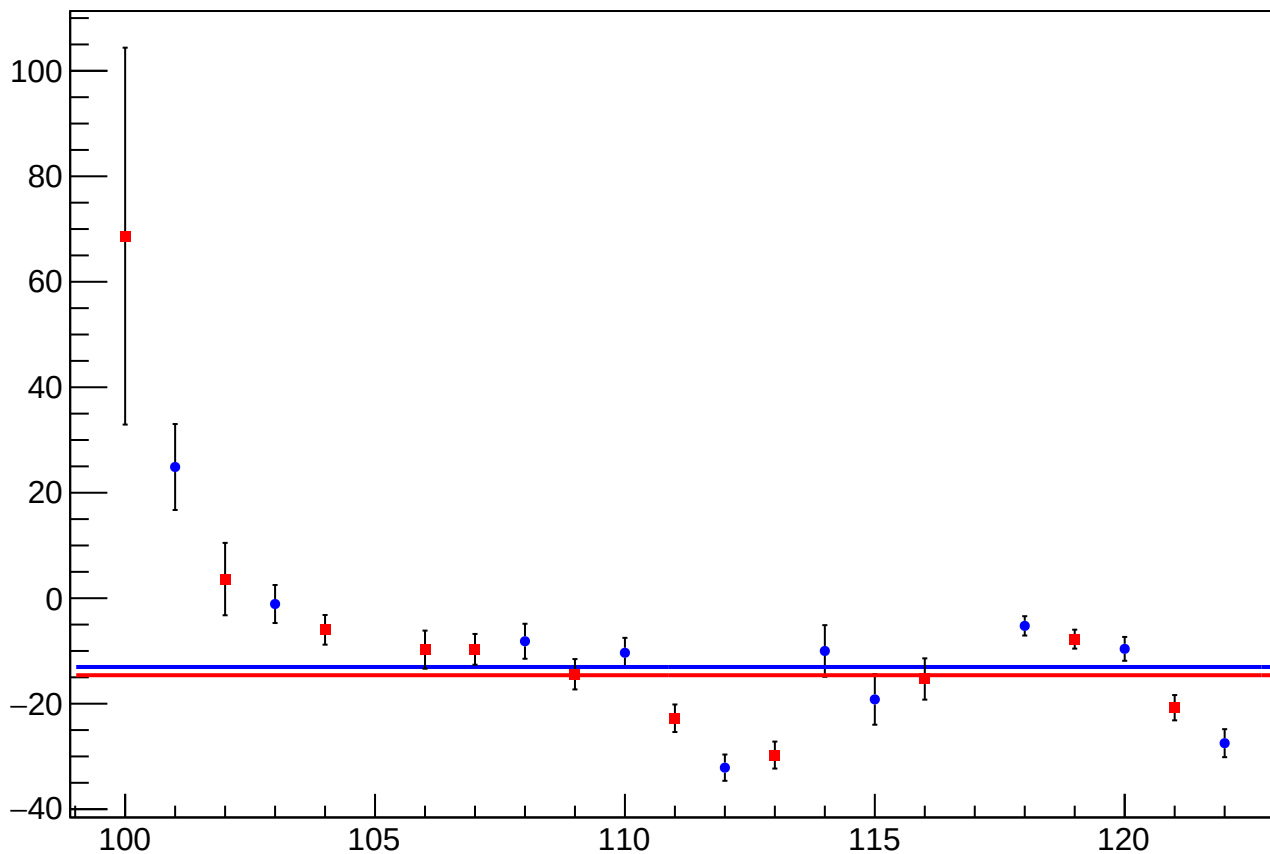
Right: 81.613+/-0.586 χ^2/NDF : 1463.5/20

In: 82.339+/-0.868 χ^2/NDF : 613.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.613+/-0.586 χ^2/NDF : 1463.5/20

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: -14.600 $\pm$ 0.873 χ^2 /NDF: 92.5/10

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

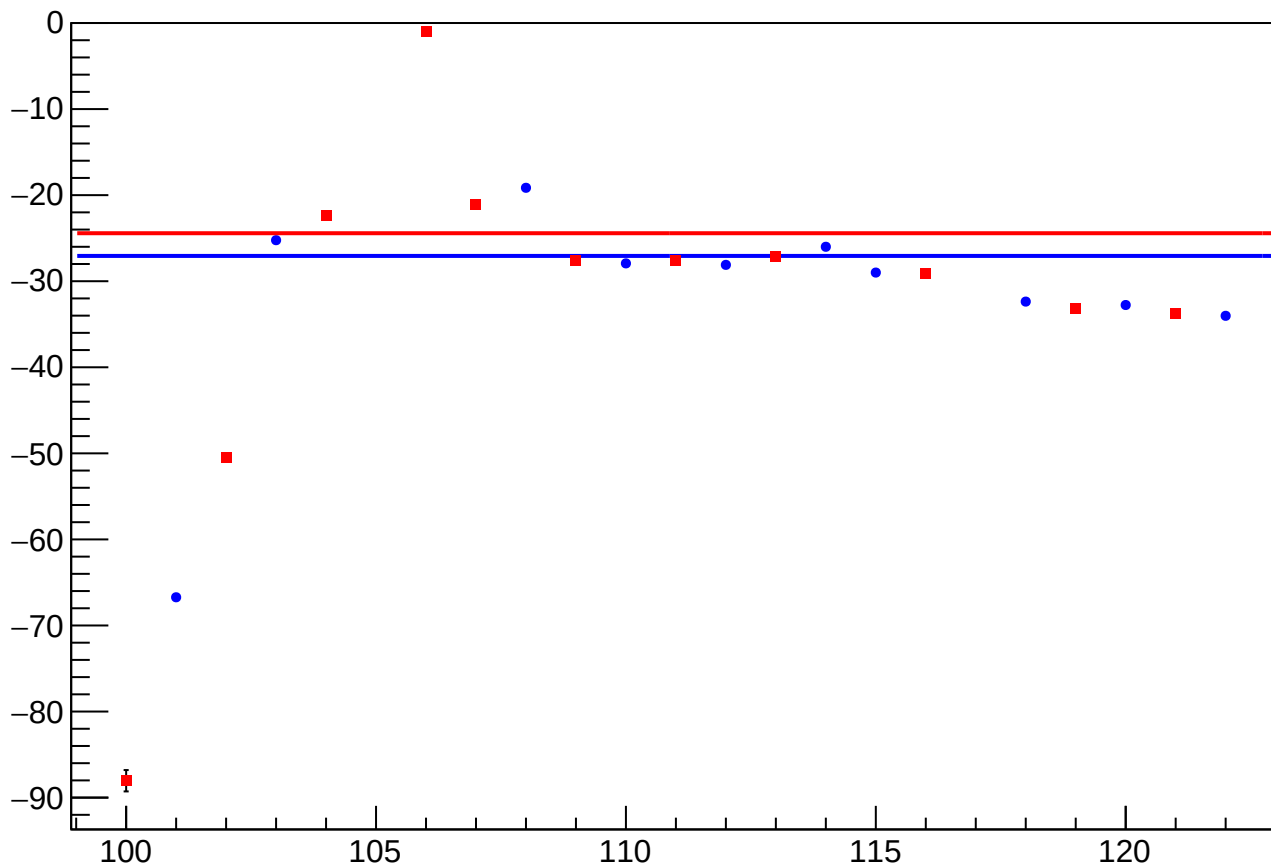
Right: -13.858 $\pm$ 0.632 χ^2 /NDF: 240.4/20

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: -13.858 $\pm$ 0.632 χ^2 /NDF: 240.4/20

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: -24.424+/-0.049 χ^2/NDF : 65123.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

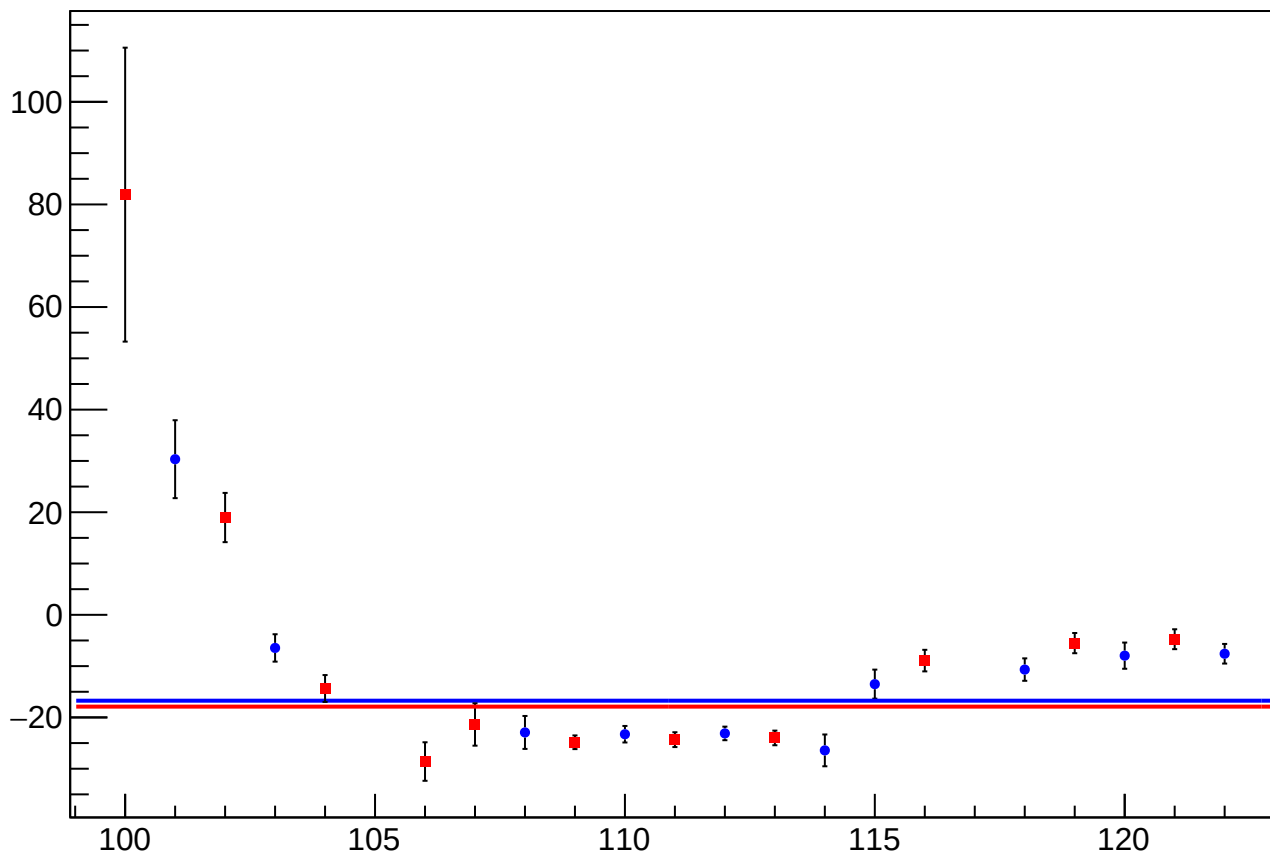
Right: -25.631+/-0.036 χ^2/NDF : 86506.1/20

In: -27.061+/-0.053 χ^2/NDF :20040.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.631+/-0.036 χ^2/NDF : 86506.1/20

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: -17.894 $\pm$ 0.620 χ^2 /NDF: 250.7/10

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

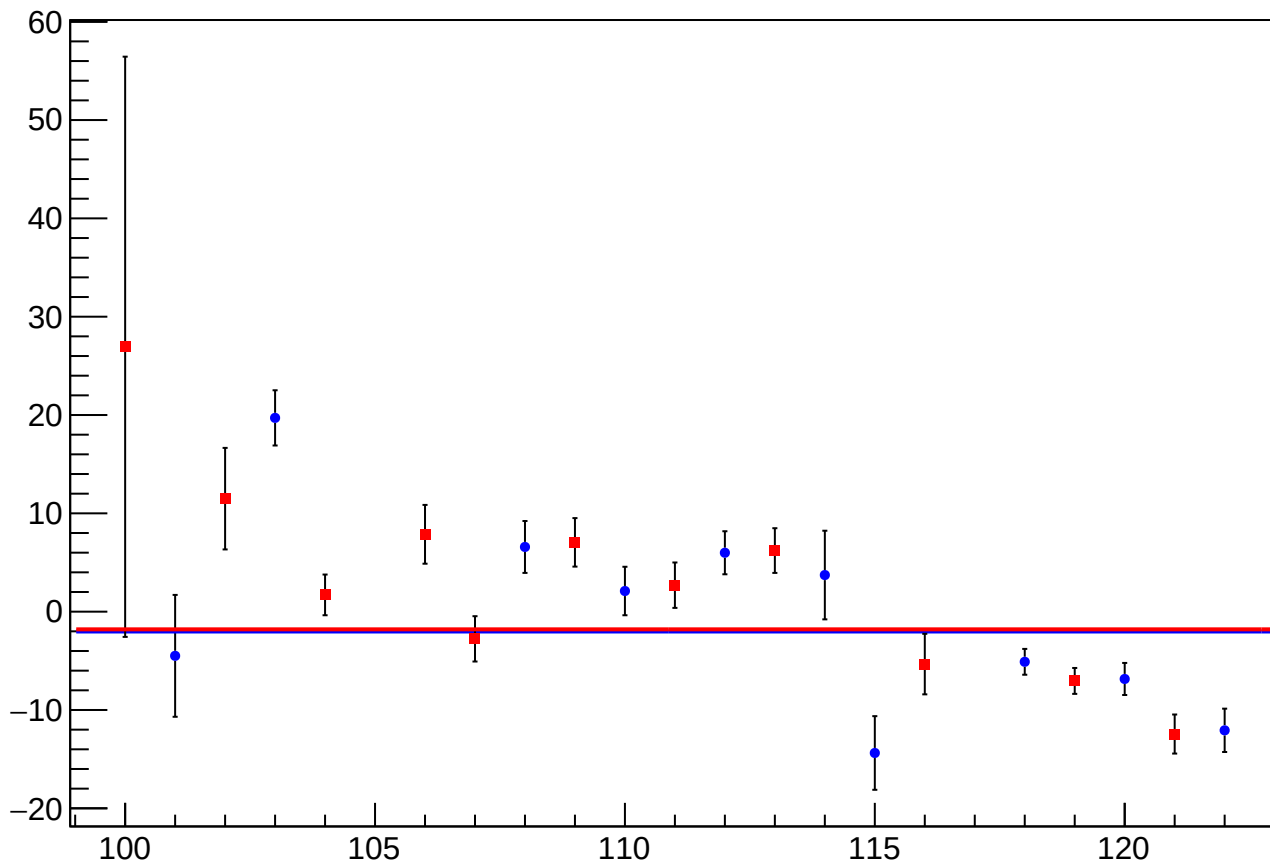
Right: -17.382 $\pm$ 0.462 χ^2 /NDF: 402.4/20

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: -17.382 $\pm$ 0.462 χ^2 /NDF: 402.4/20

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: -1.798+/-0.698 χ^2/NDF : 96.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

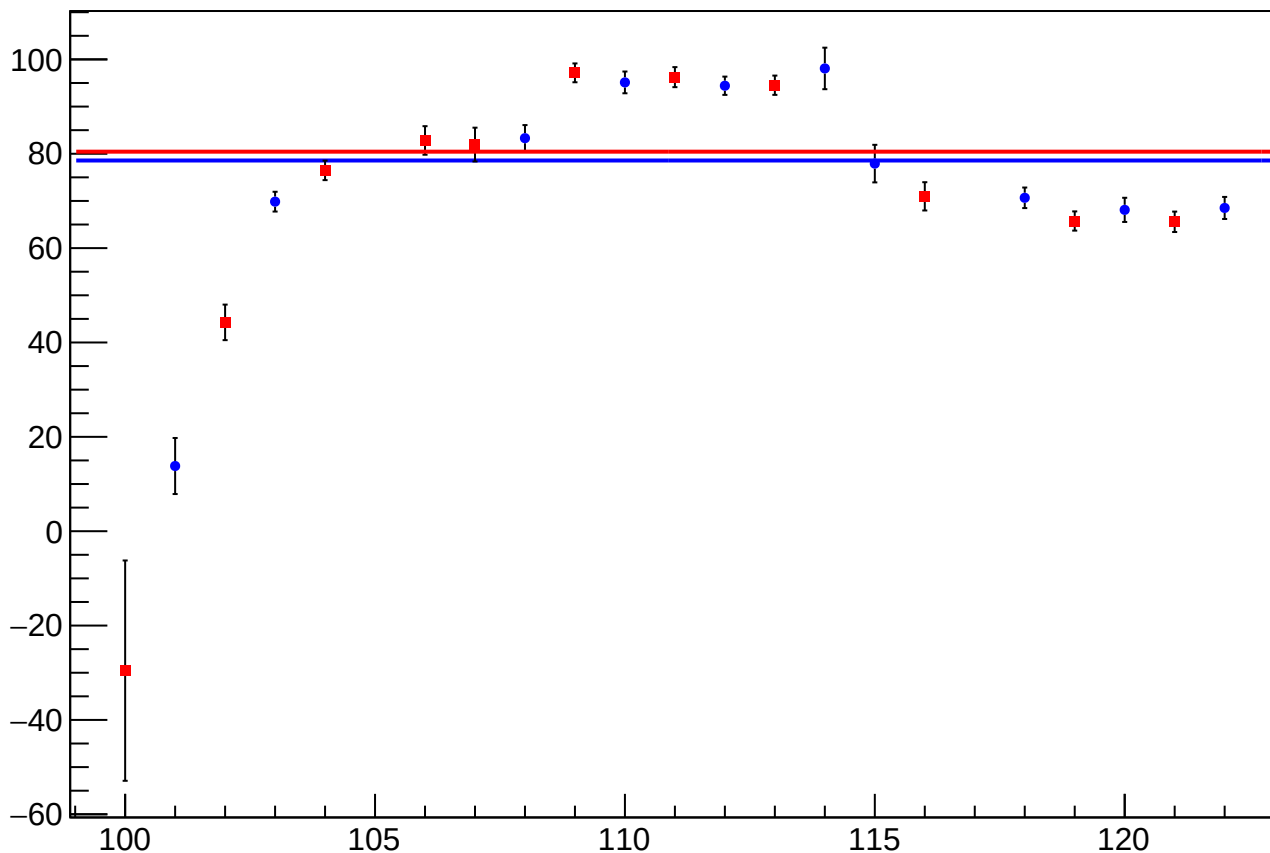
Right: -1.905+/-0.500 χ^2/NDF : 230.5/20

In: -2.017+/-0.716 χ^2/NDF :134.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.905+/-0.500 χ^2/NDF : 230.5/20

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: 80.444+/-0.751 χ^2/NDF : 401.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

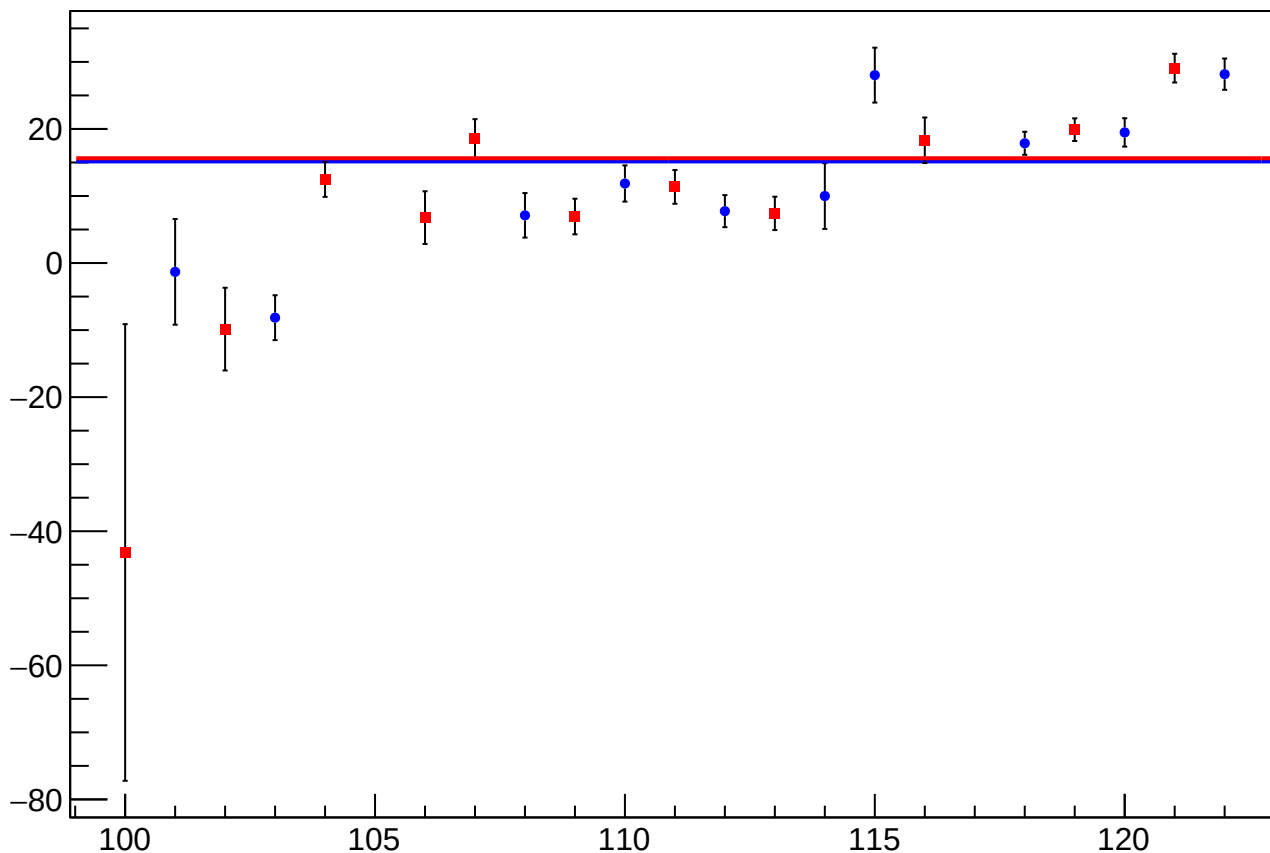
Right: 79.585+/-0.553 χ^2/NDF : 729.6/20

In: 78.571+/-0.816 χ^2/NDF : 325.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.585+/-0.553 χ^2/NDF : 729.6/20

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: 15.630+/-0.824 χ^2/NDF : 98.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

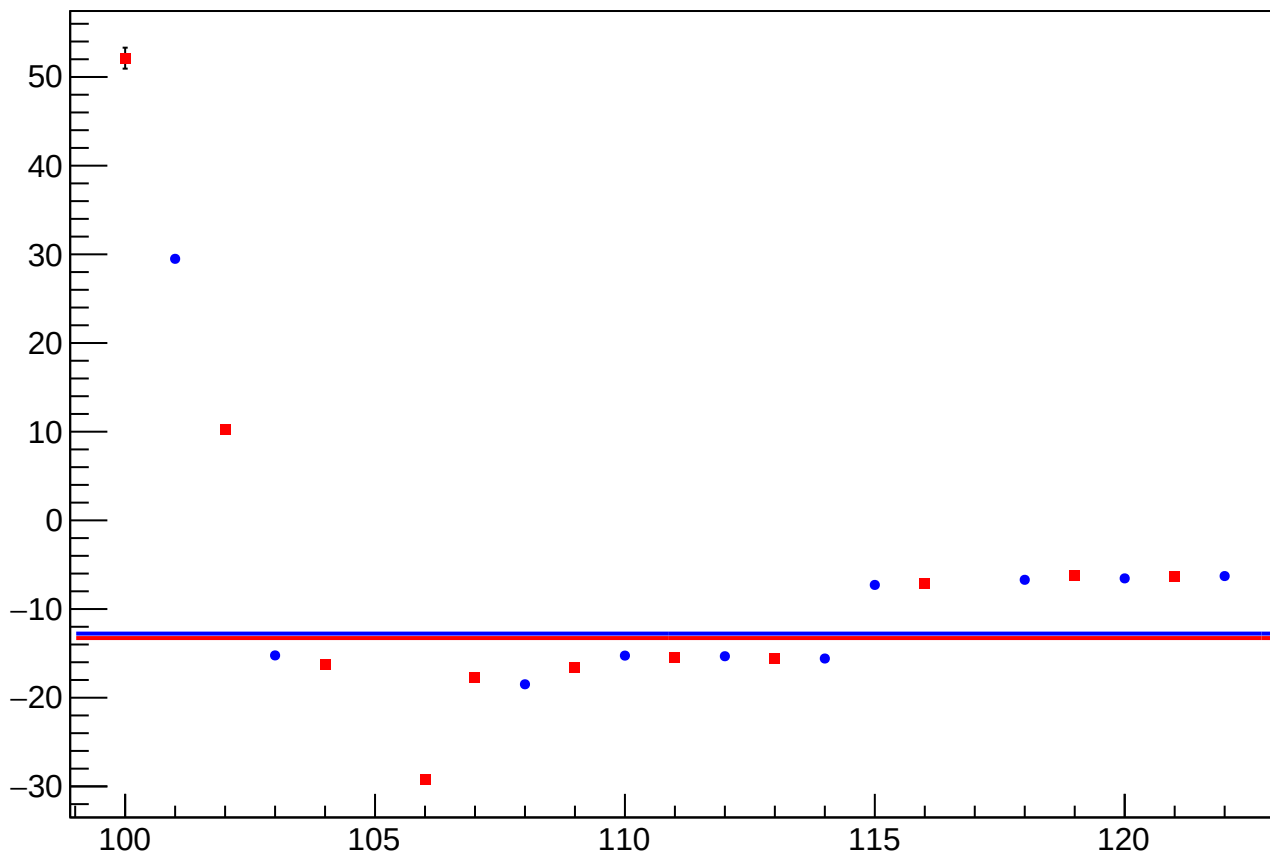
Right: 15.404+/-0.595 χ^2/NDF : 217.3/20

In: 15.159+/-0.859 χ^2/NDF : 118.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.404+/-0.595 χ^2/NDF : 217.3/20

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: -13.273+/-0.047 χ^2/NDF : 42890.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

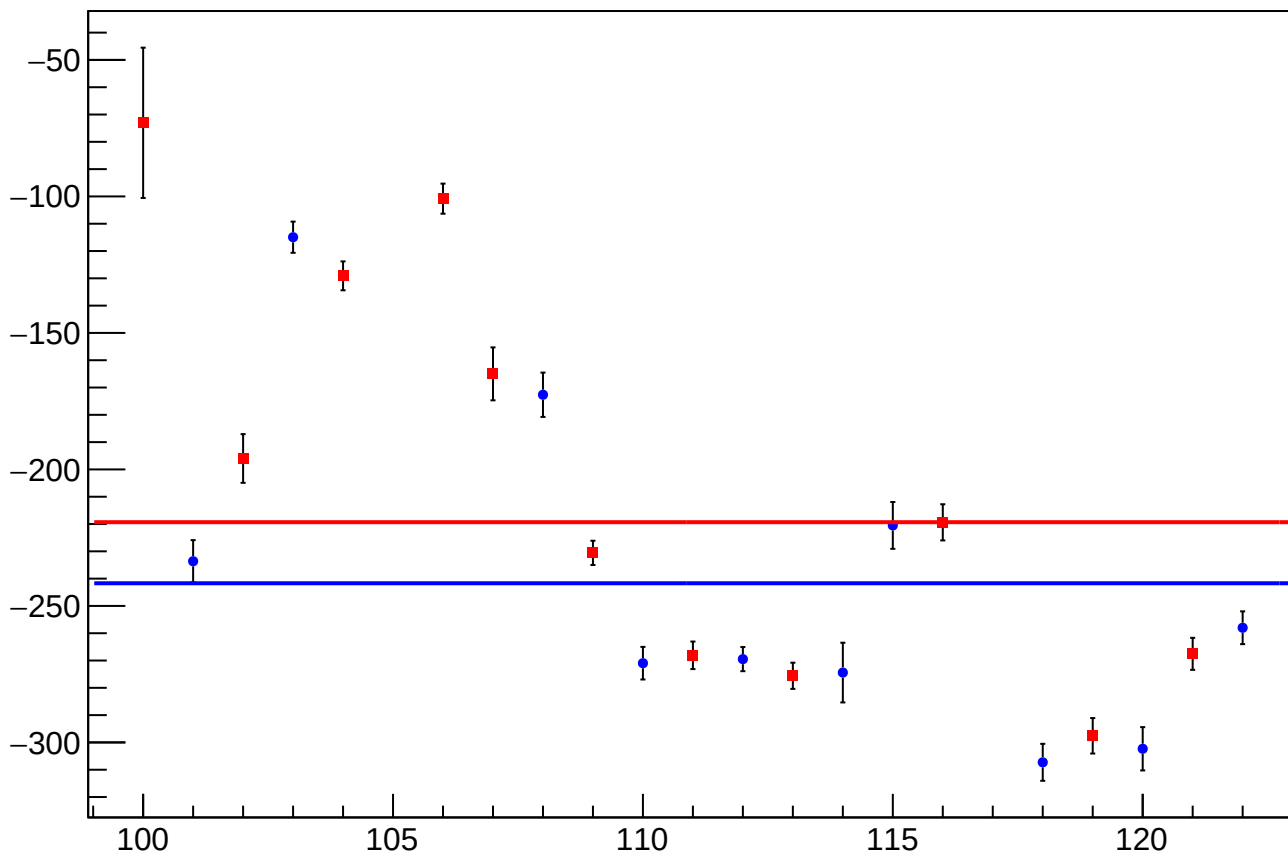
Right: -13.037+/-0.034 χ^2/NDF : 65150.0/20

In: -12.770+/-0.050 χ^2/NDF : 22205.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.037+/-0.034 χ^2/NDF : 65150.0/20

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: -219.328+/-1.819 χ^2/NDF : 1270.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

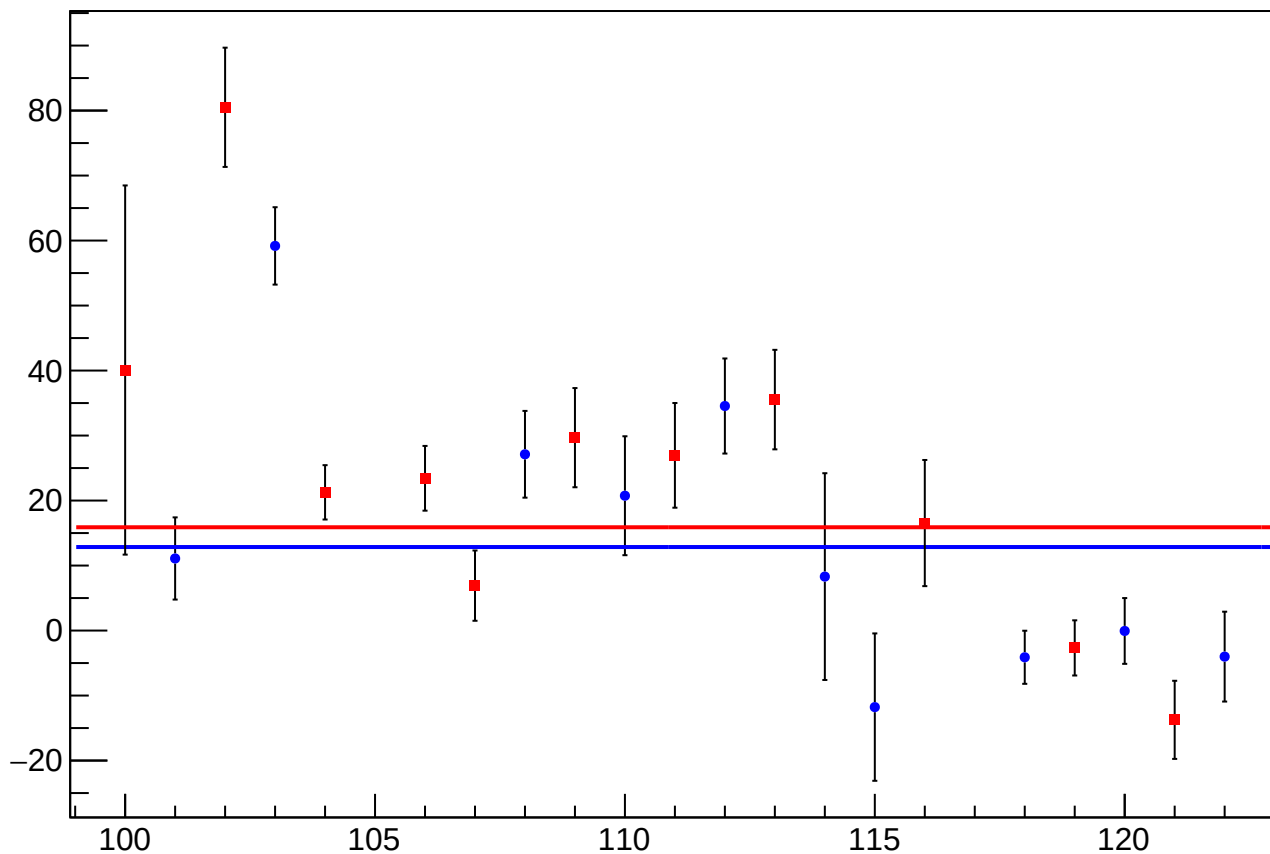
Right: -228.976+/-1.372 χ^2/NDF : 2139.8/20

In: -241.699+/-2.089 χ^2/NDF :804.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -228.976+/-1.372 χ^2/NDF : 2139.8/20

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: 15.892+/-1.862 χ^2/NDF : 112.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

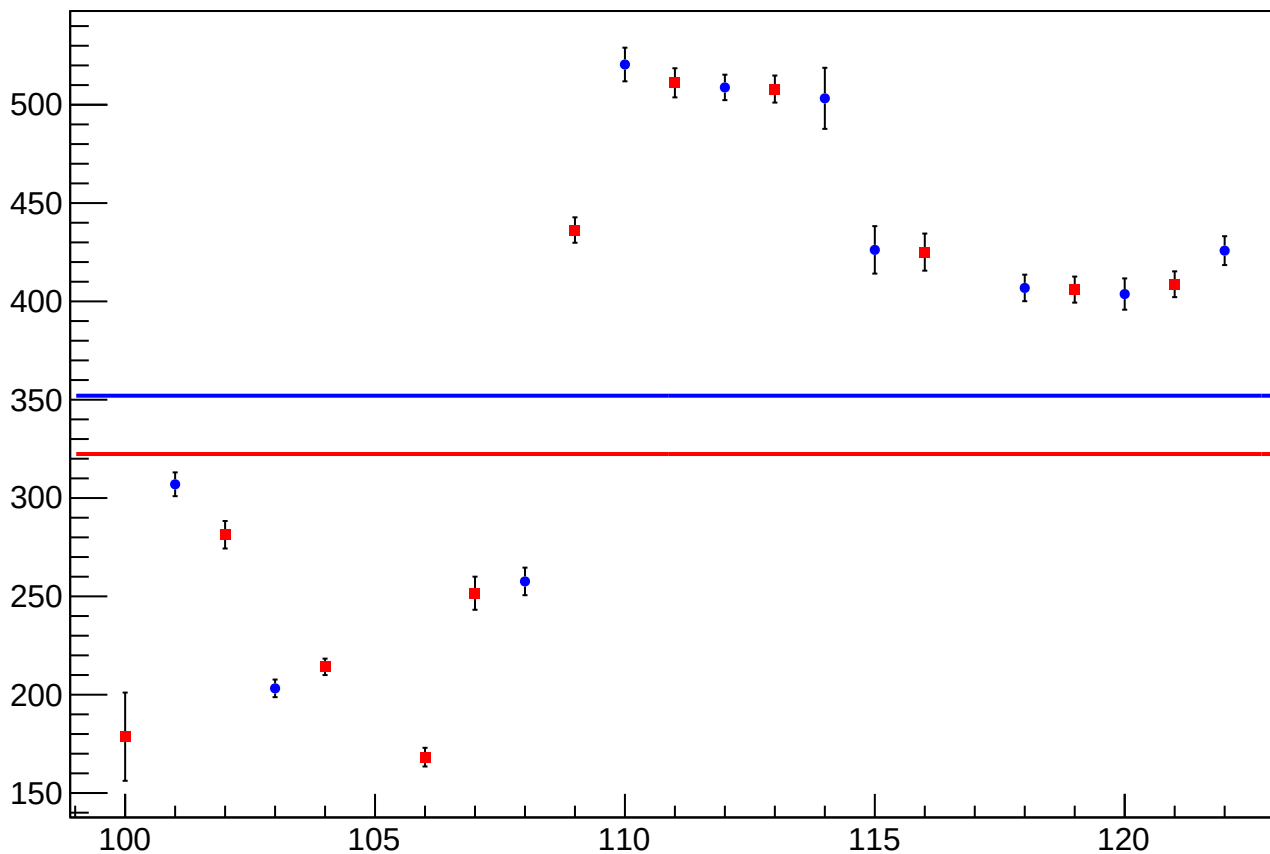
Right: 14.516+/-1.378 χ^2/NDF : 222.7/20

In: 12.850+/-2.050 χ^2/NDF : 109.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.516+/-1.378 χ^2/NDF : 222.7/20

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: 322.384+/-1.966 χ^2/NDF : 4008.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

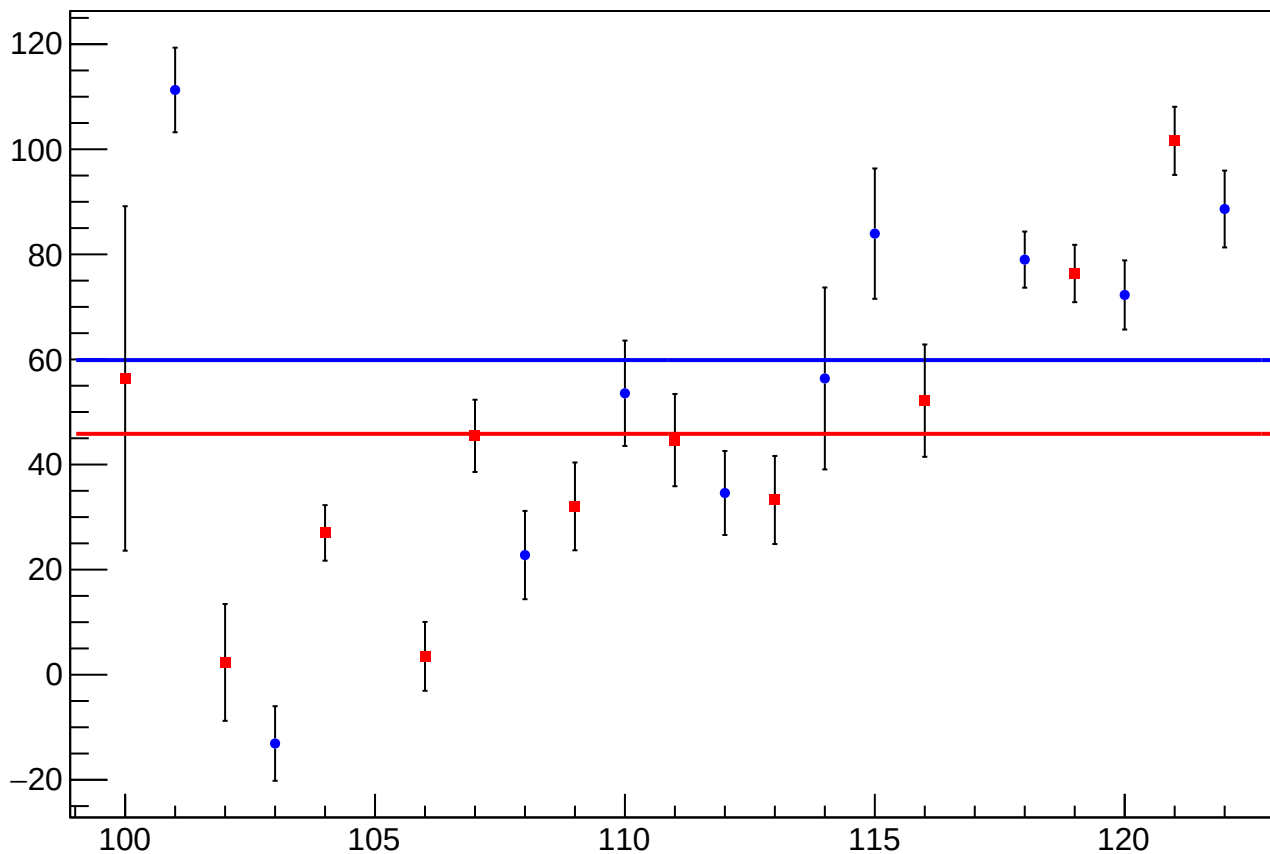
Right: 335.404+/-1.473 χ^2/NDF : 6764.0/20

In: 352.044+/-2.223 χ^2/NDF : 2656.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.404+/-1.473 χ^2/NDF : 6764.0/20

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: 45.847+/-2.254 χ^2/NDF : 180.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

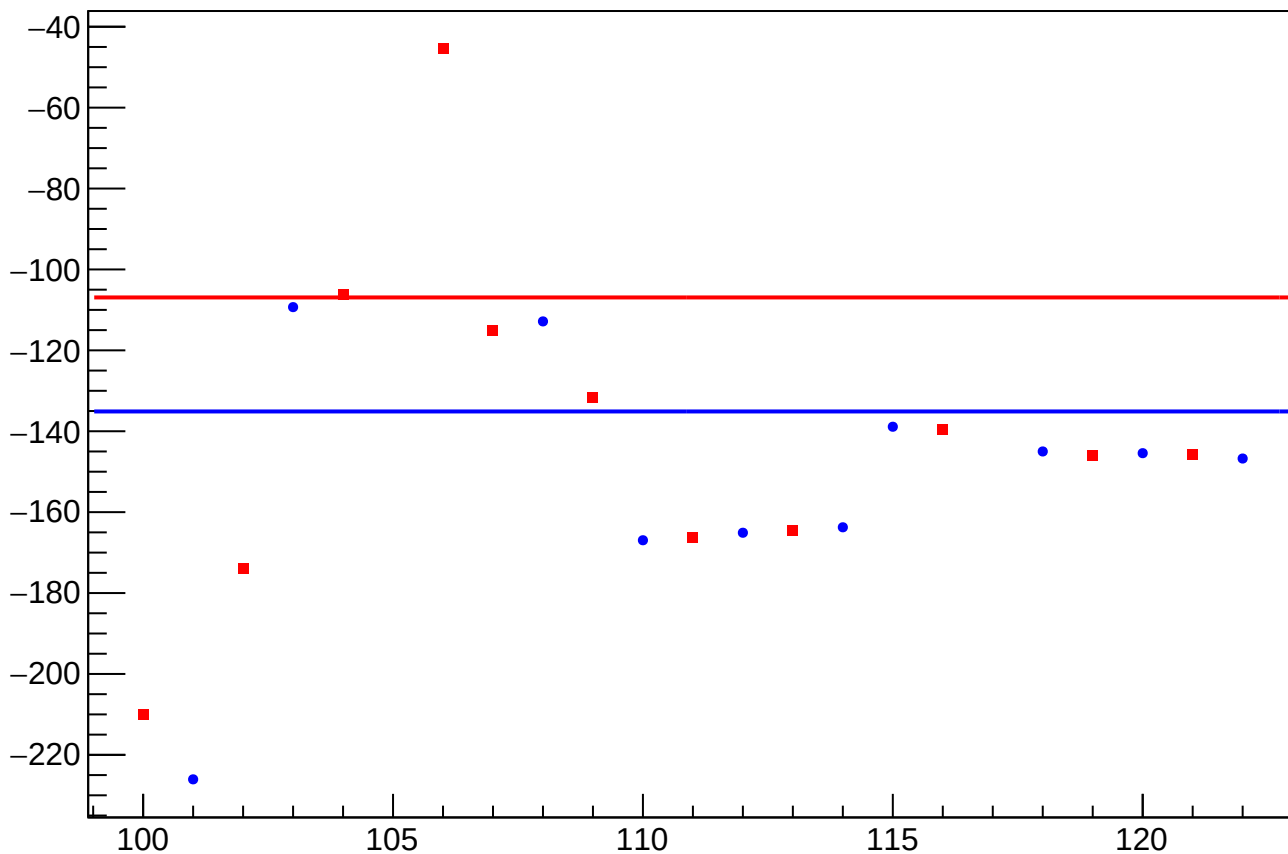
Right: 52.174+/-1.670 χ^2/NDF : 409.8/20

In: 59.877+/-2.487 χ^2/NDF : 211.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.174+/-1.670 χ^2/NDF : 409.8/20

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -135.106+/-0.124 χ^2/NDF : 95658.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -106.921+/-0.103 χ^2/NDF : 202120.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

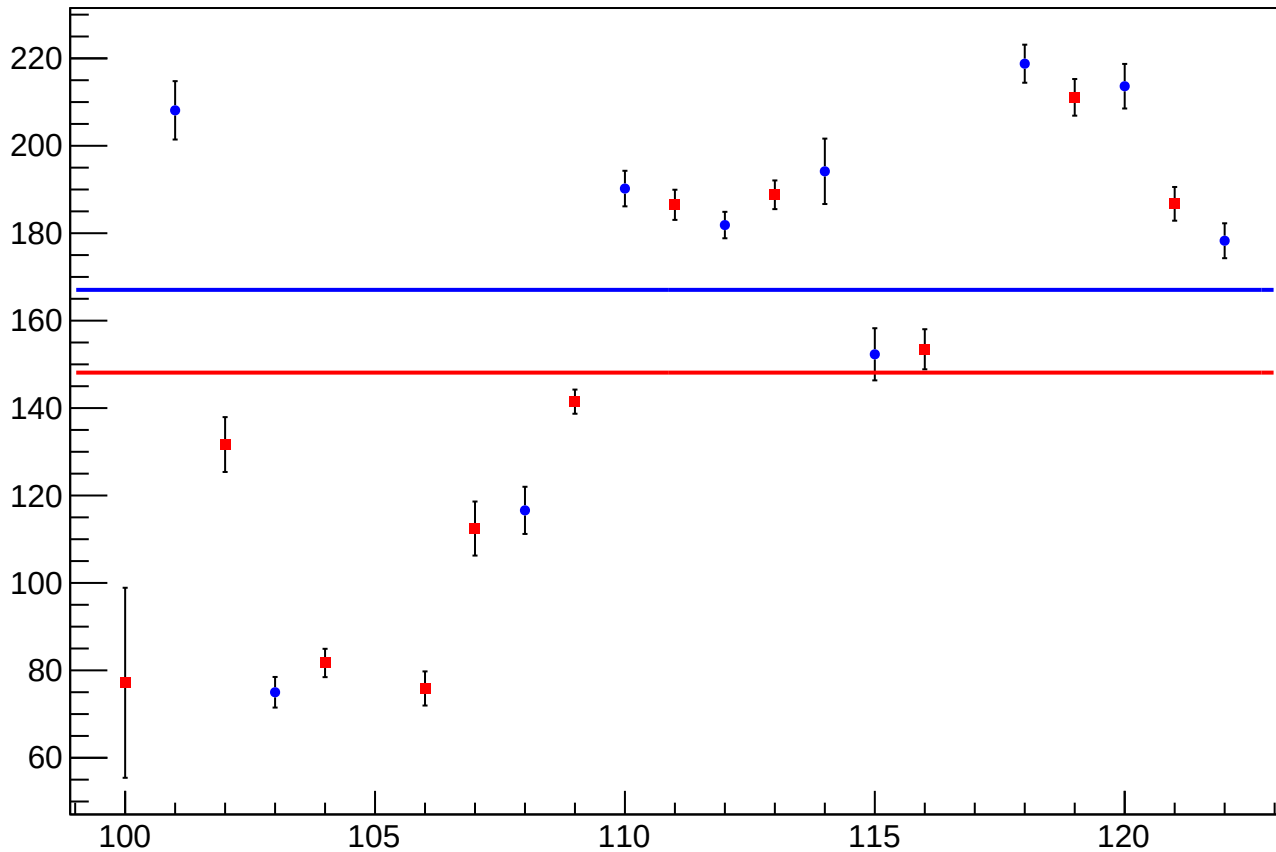
Right: -118.500+/-0.079 χ^2/NDF : 328375.7/20

In: -135.106+/-0.124 χ^2/NDF :95658.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -118.500+/-0.079 χ^2/NDF : 328375.7/20

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: 148.112+/-1.200 χ^2/NDF : 1424.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

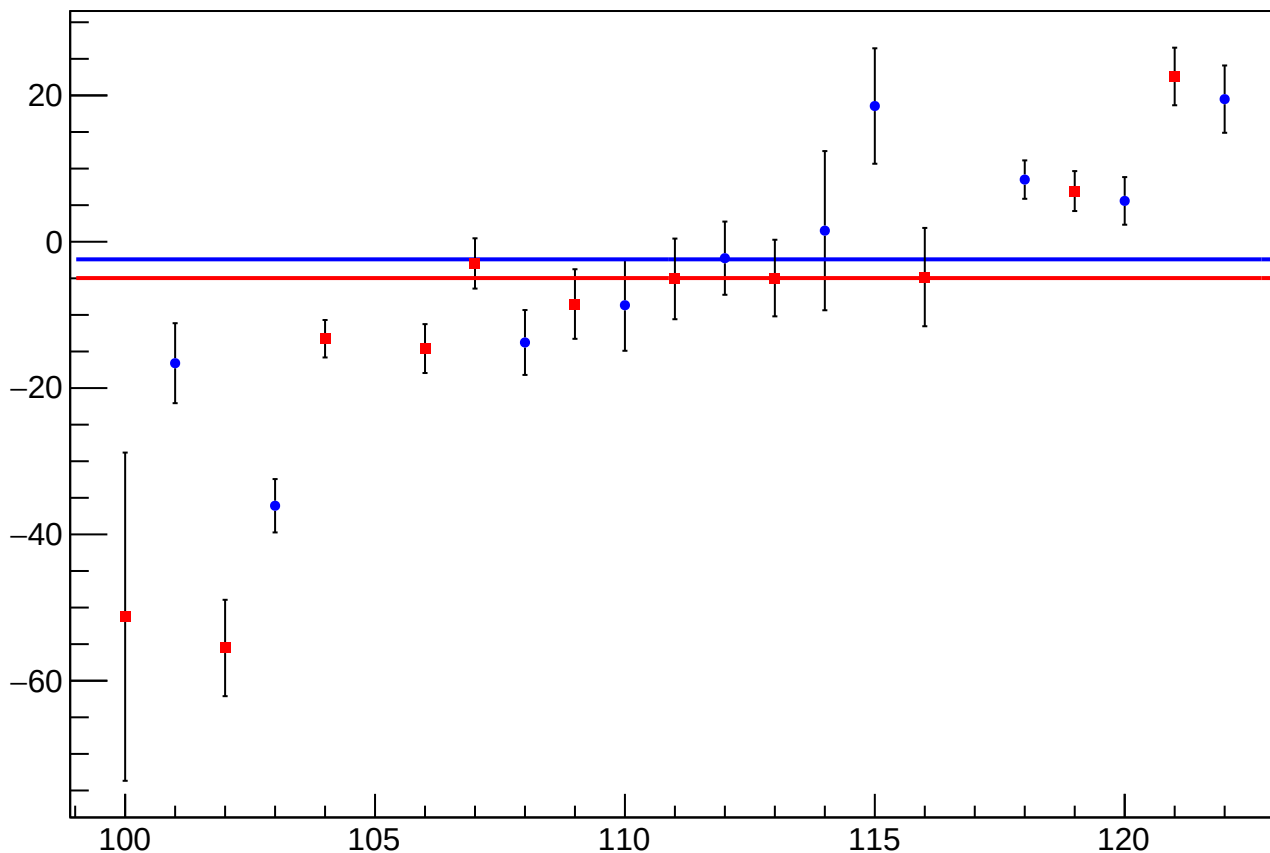
Right: 156.112+/-0.912 χ^2/NDF : 2653.5/20

In: 167.043+/-1.403 χ^2/NDF : 1124.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.112+/-0.912 χ^2/NDF : 2653.5/20

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: -4.965+/-1.207 χ^2 /NDF: 150.9/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

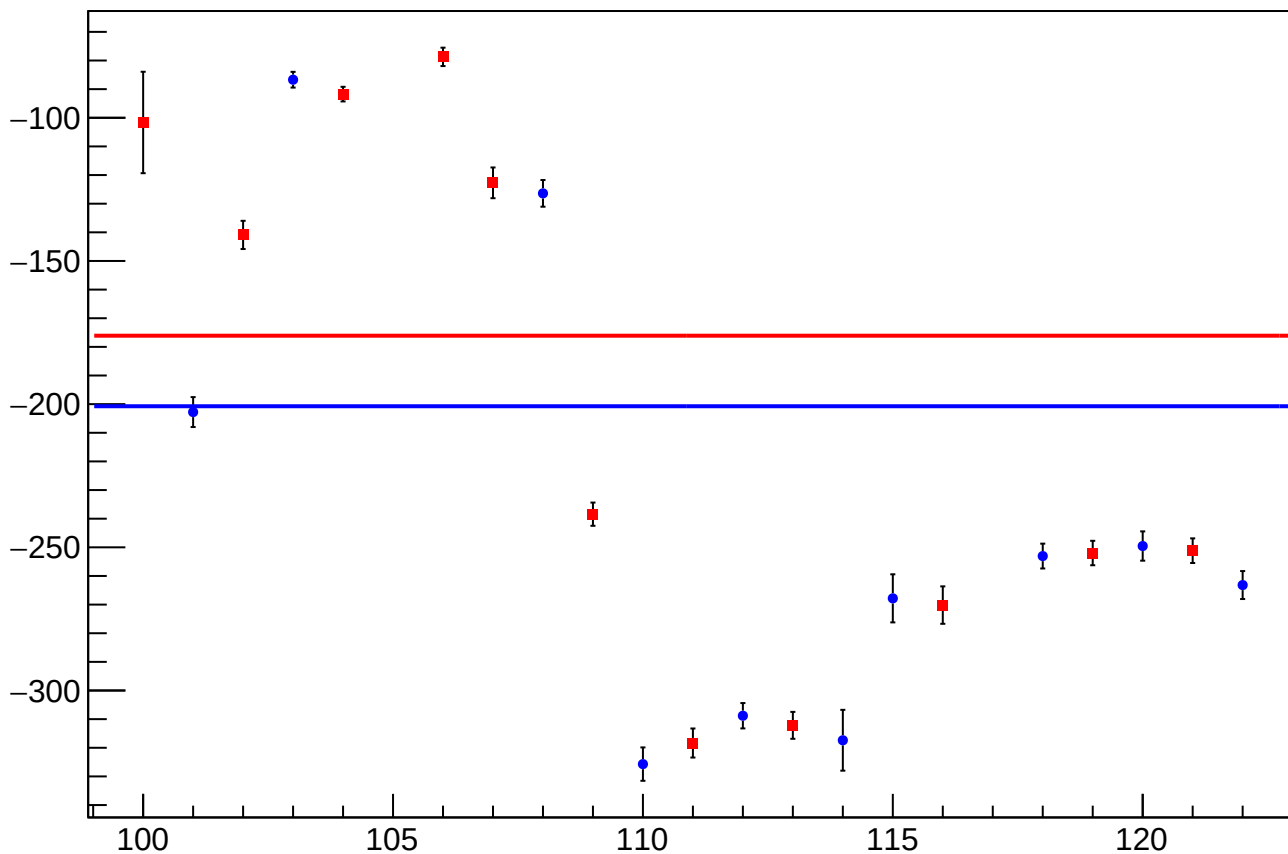
Right: -3.842+/-0.904 χ^2 /NDF: 305.6/20

In: -2.405+/-1.365 χ^2 /NDF:152.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.842+/-0.904 χ^2 /NDF: 305.6/20

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: -176.099 ± 1.284 χ^2/NDF : 4866.3/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

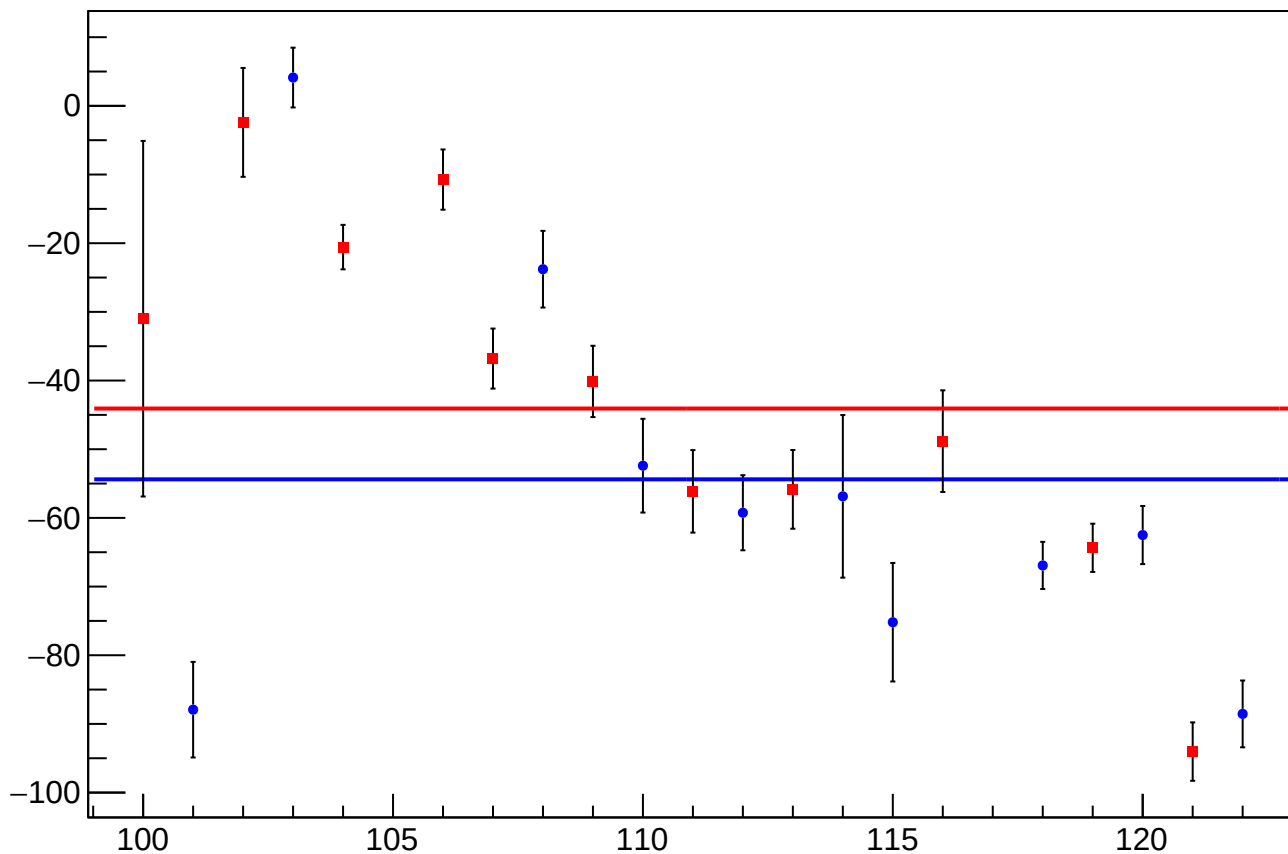
Right: -186.617 ± 0.972 χ^2/NDF : 8639.9/20

In: -200.733 ± 1.487 χ^2/NDF : 3616.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -186.617 ± 0.972 χ^2/NDF : 8639.9/20

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: -44.076+/-1.463 χ^2/NDF : 321.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

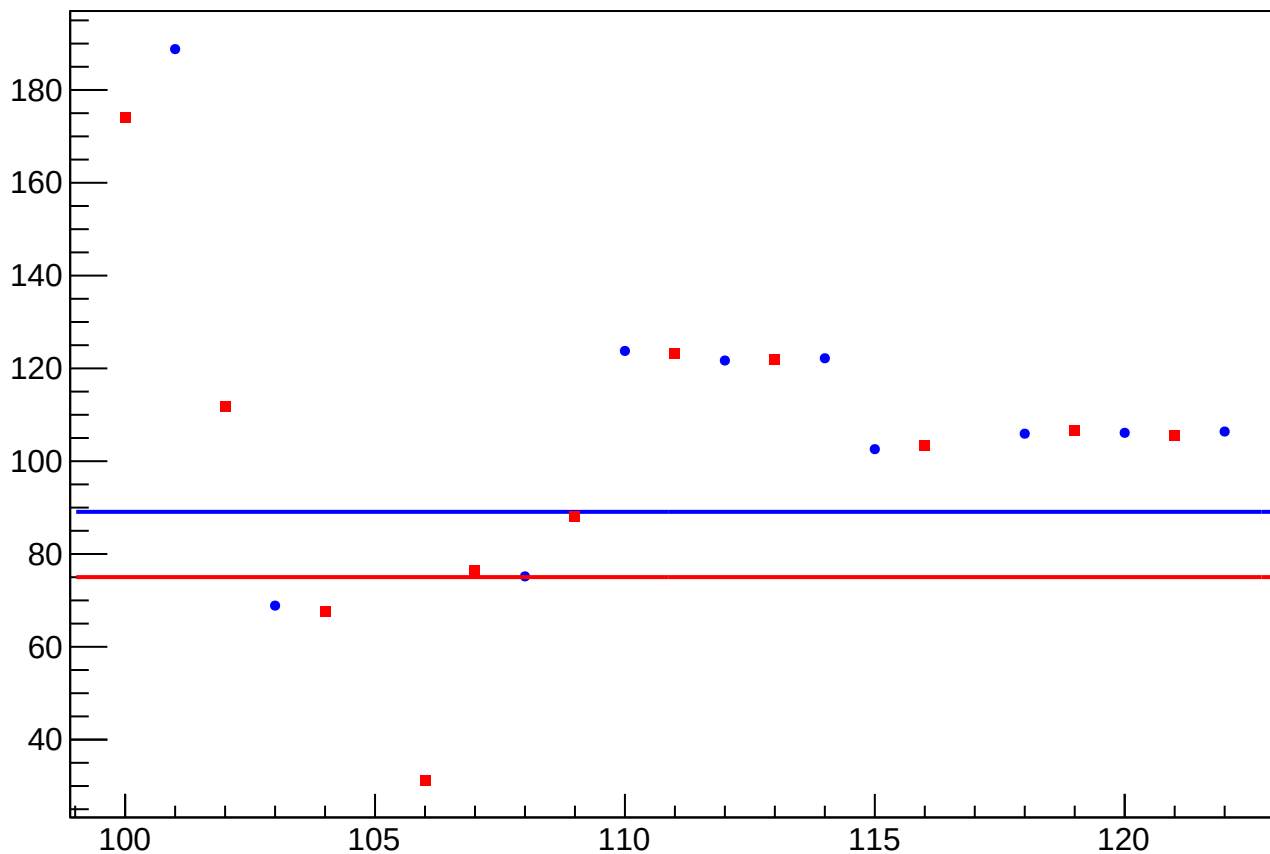
Right: -48.590+/-1.097 χ^2/NDF : 650.5/20

In: -54.383+/-1.658 χ^2/NDF :307.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -48.590+/-1.097 χ^2/NDF : 650.5/20

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 89.086+/-0.081 χ^2/NDF : 160944.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.023+/-0.070 χ^2/NDF : 185090.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

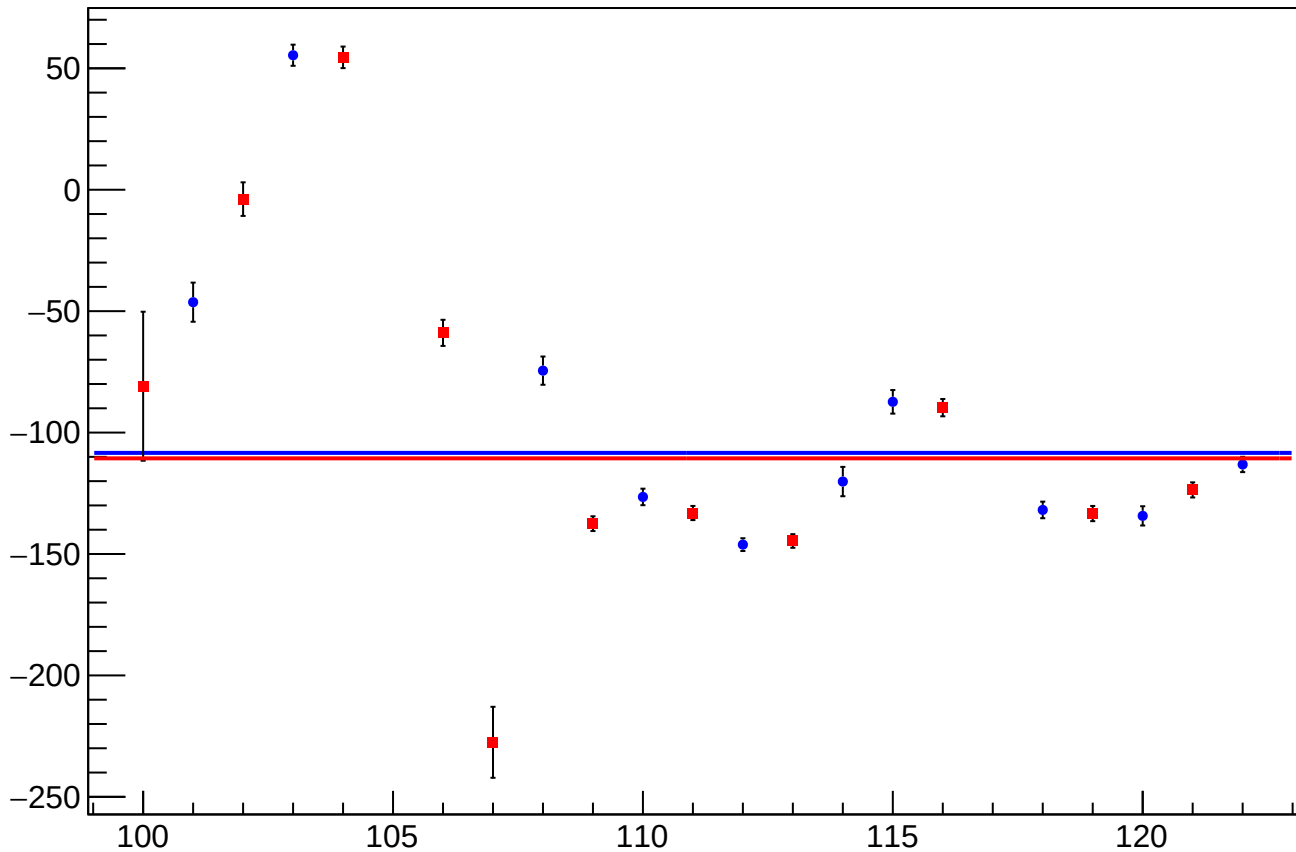
Right: 81.037+/-0.053 χ^2/NDF : 363227.0/20

In: 89.086+/-0.081 χ^2/NDF : 160944.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.037+/-0.053 χ^2/NDF : 363227.0/20

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

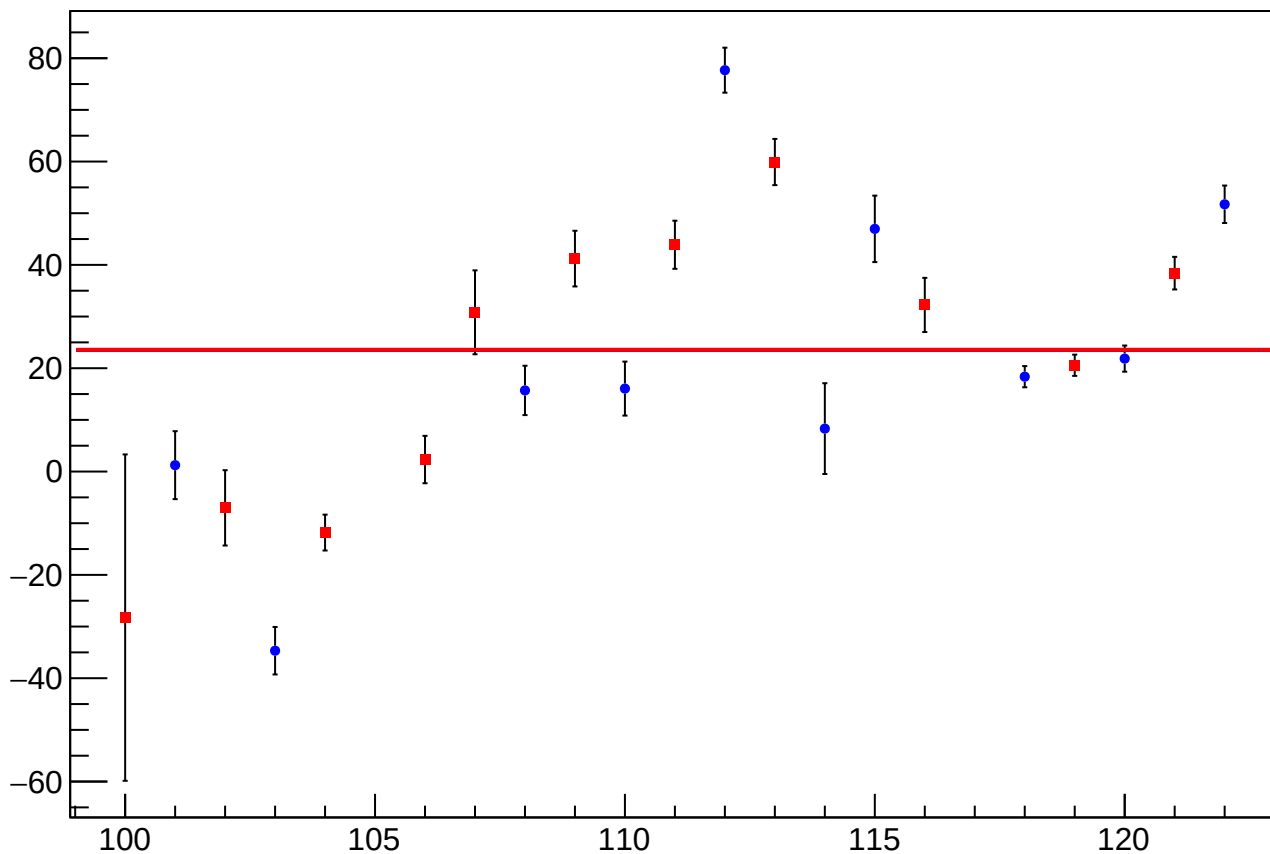
Right: -109.569+/-0.846 χ^2 /NDF: 4032.8/20

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

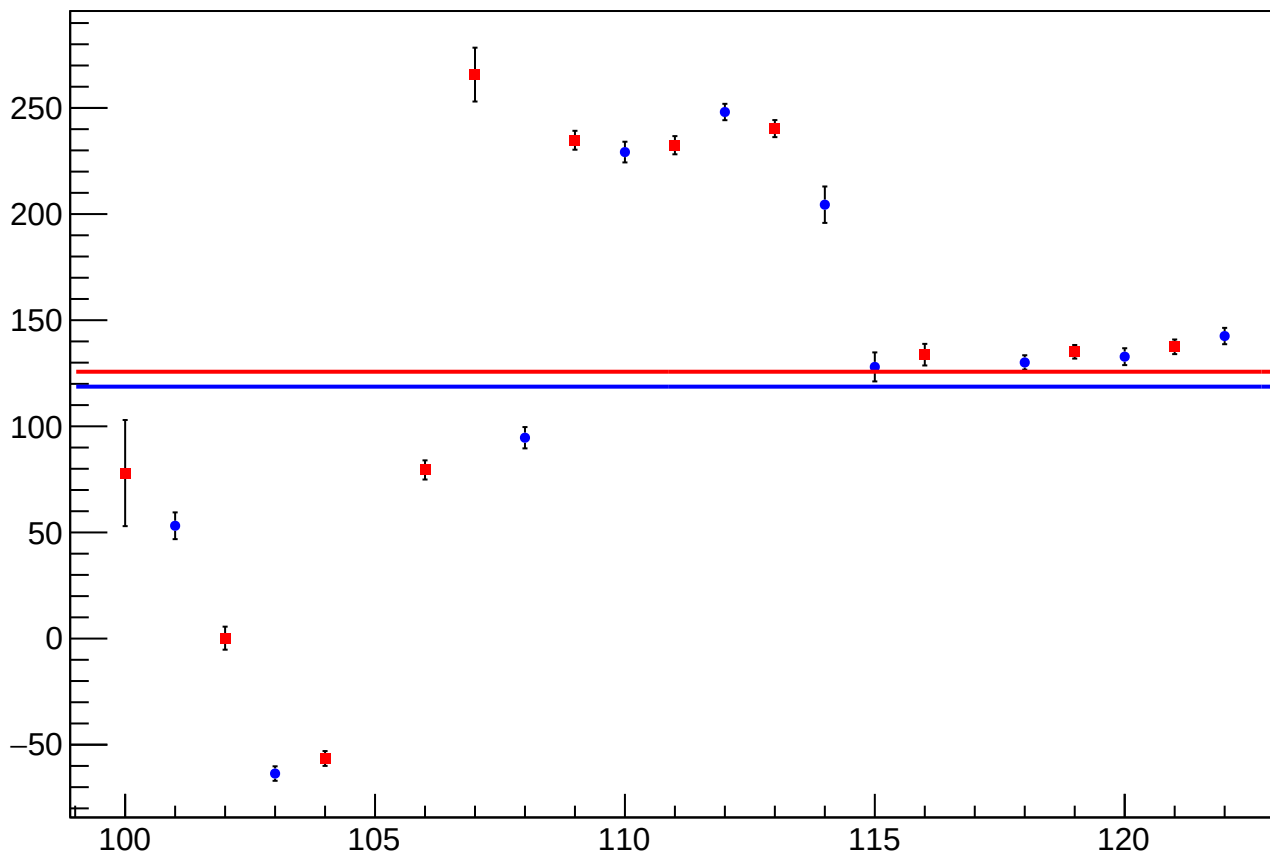
Right: 23.542+/-0.851 χ^2/NDF : 684.0/20

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 $\pm$ 1.397 χ^2 /NDF: 4784.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.723 $\pm$ 1.336 χ^2 /NDF: 5536.2/10

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

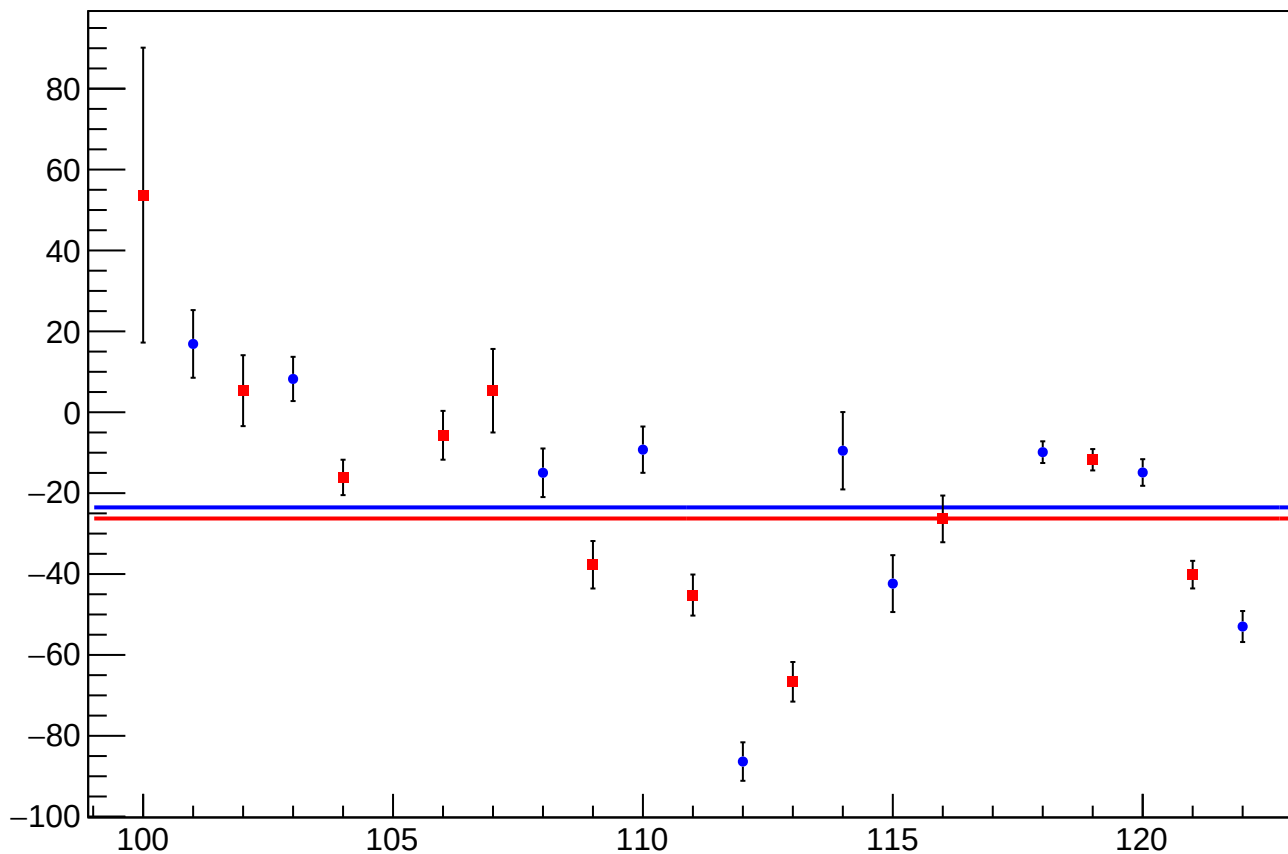
Right: 122.363 $\pm$ 0.966 χ^2 /NDF: 10333.6/20

In: 118.692 $\pm$ 1.397 χ^2 /NDF:4784.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 122.363 $\pm$ 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

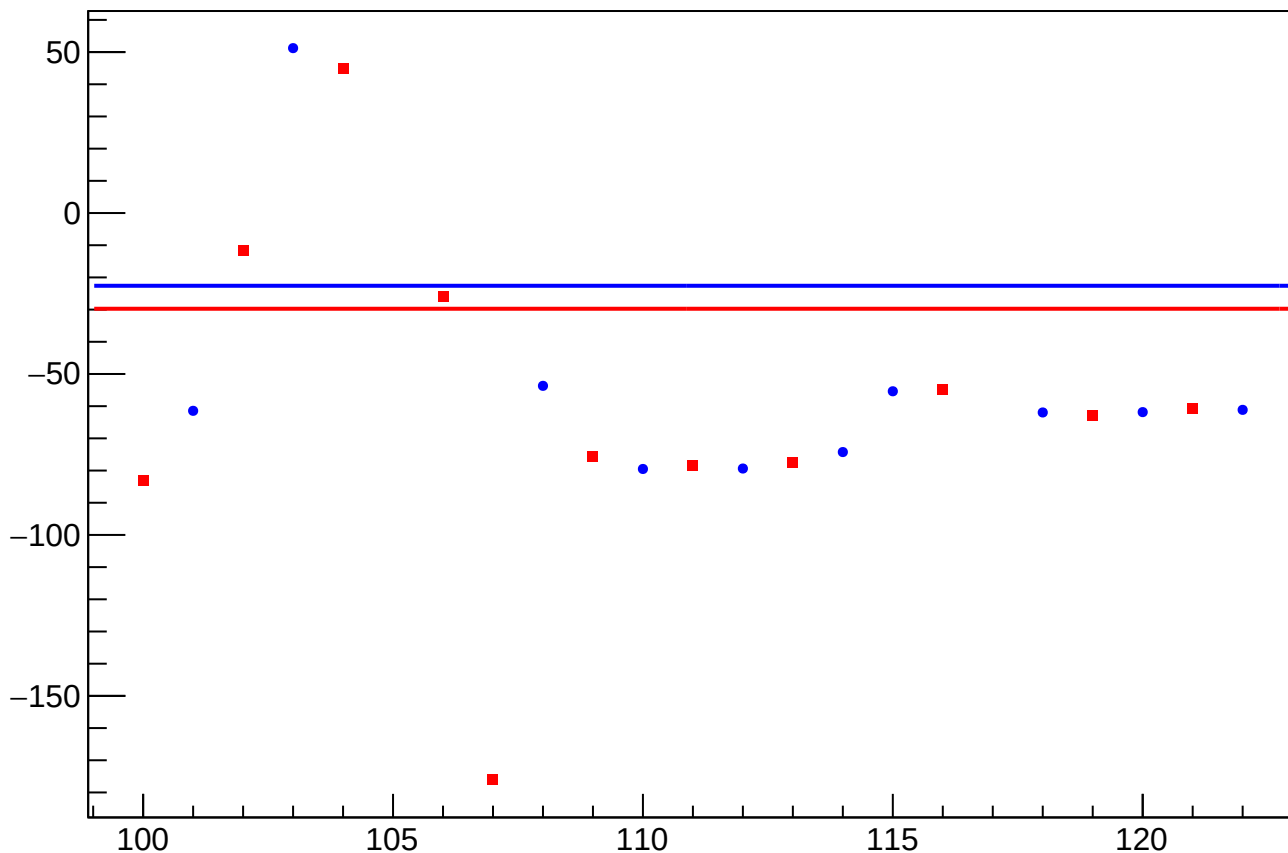
Right: -24.883+/-1.025 χ^2/NDF : 519.3/20

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

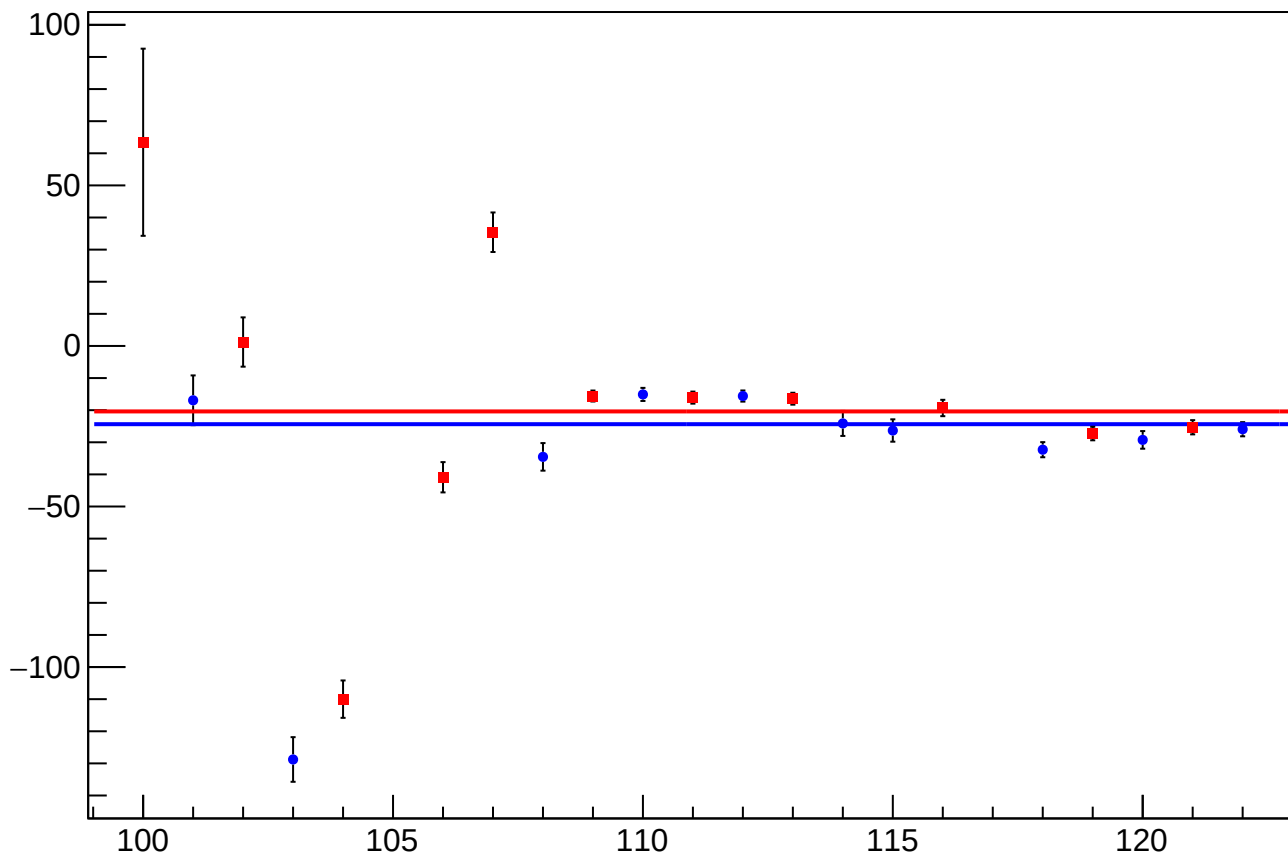
Right: -26.267+/-0.059 χ^2/NDF : 816360.5/20

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

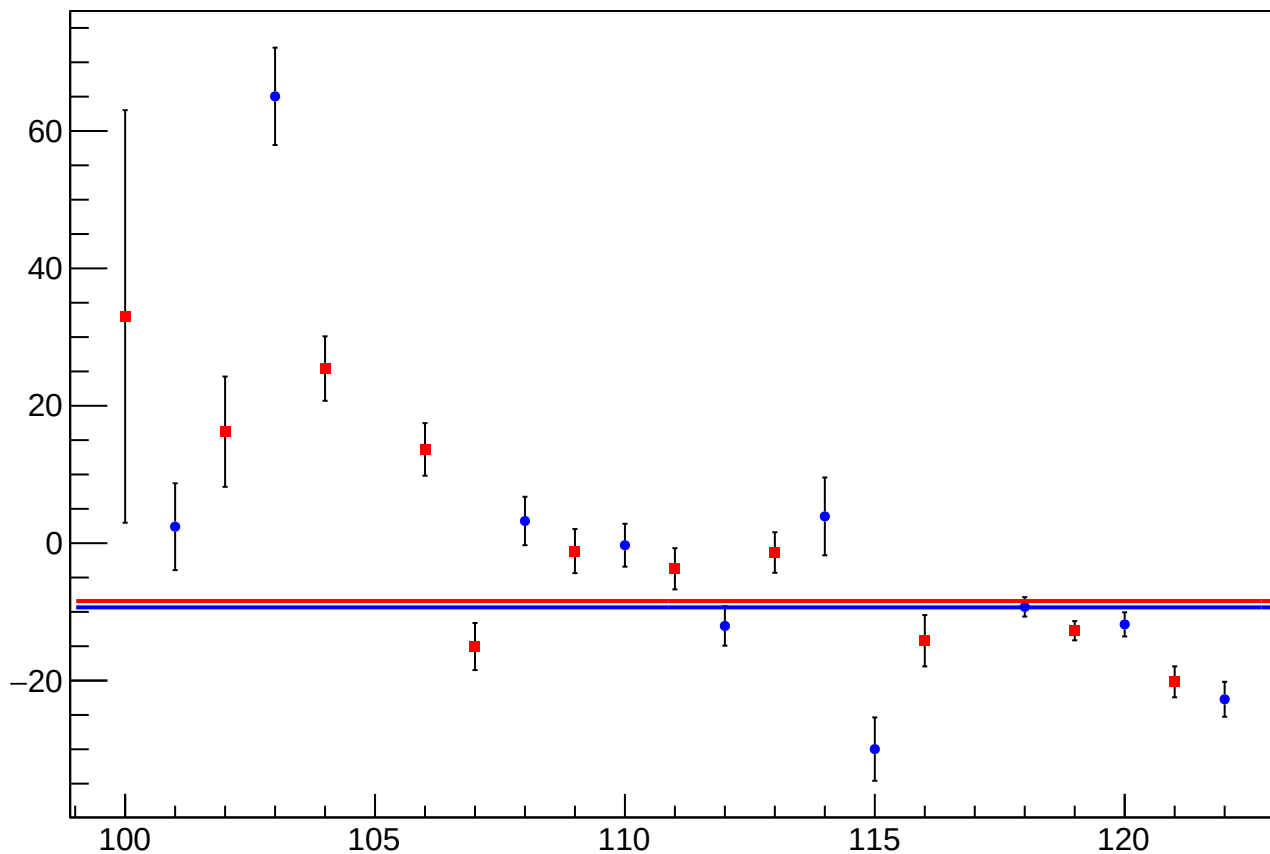
Right: -22.182 ± 0.582 χ^2/NDF : 693.0/20

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

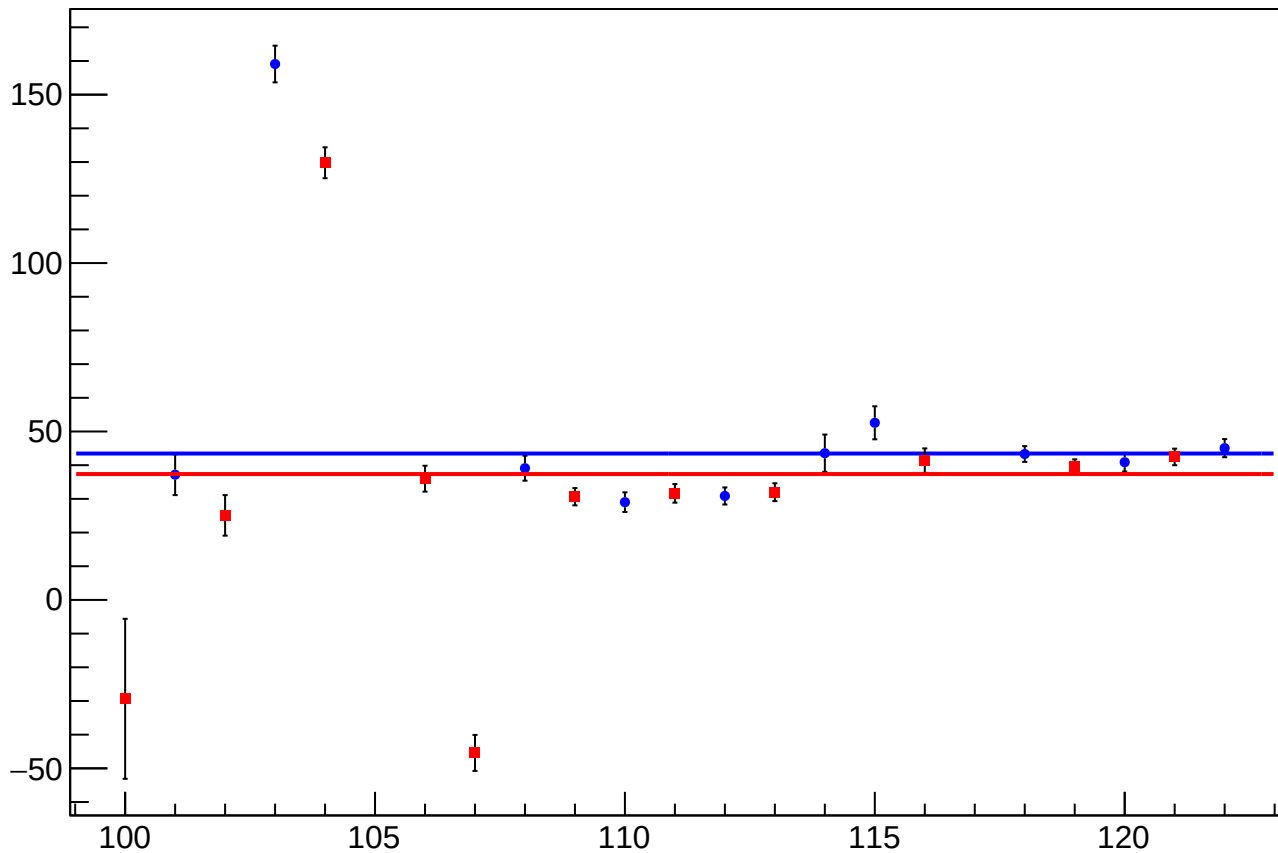
reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

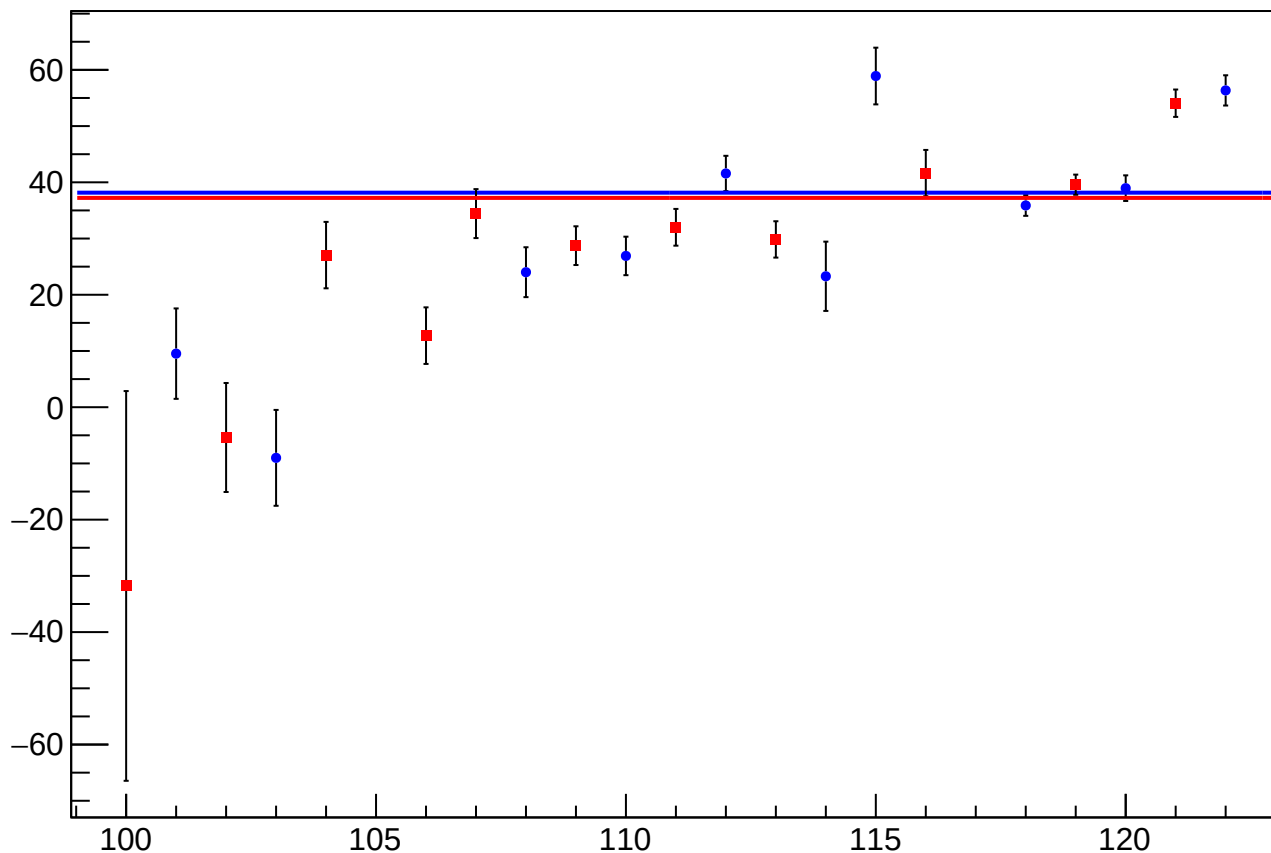
Right: 40.220+/-0.709 χ^2/NDF : 1204.3/20

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

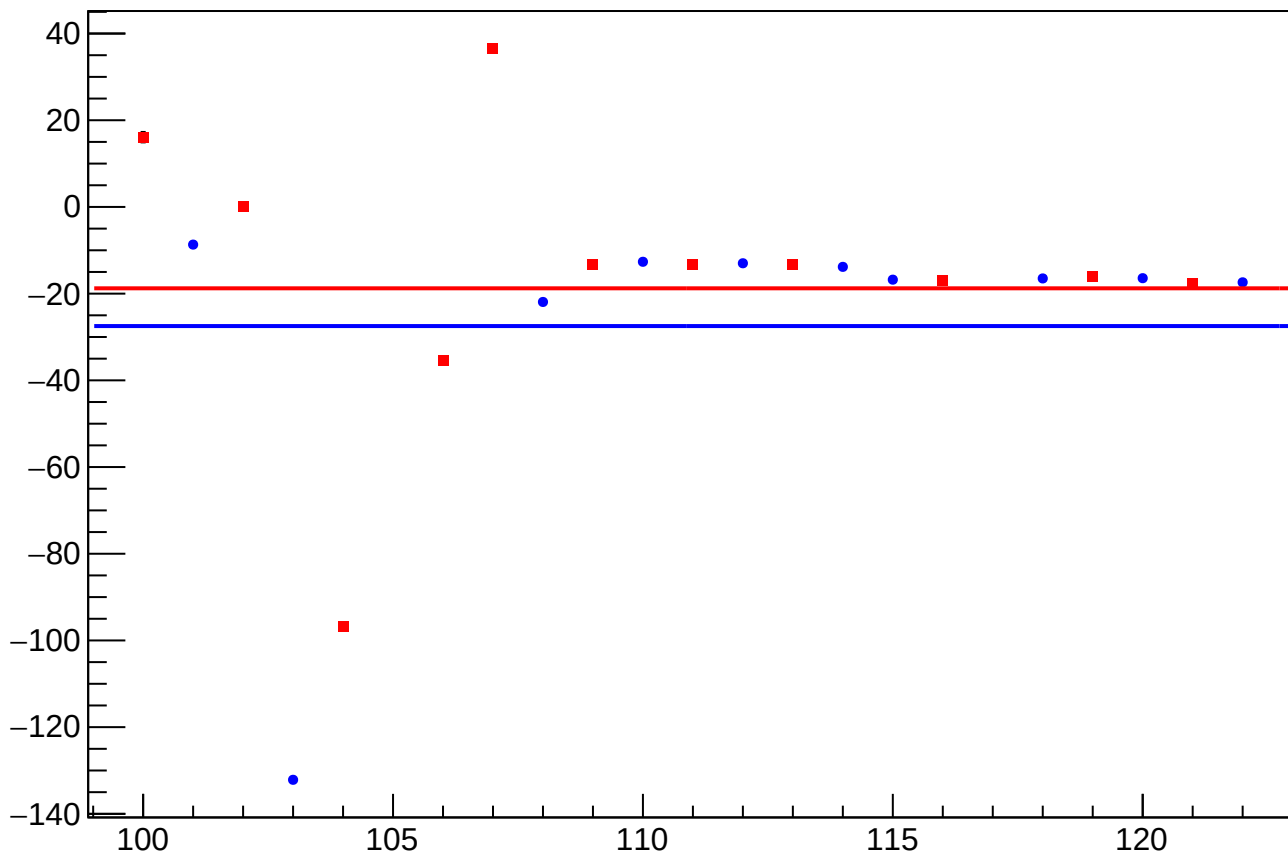
Right: 37.697+/-0.725 χ^2/NDF : 250.9/20

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

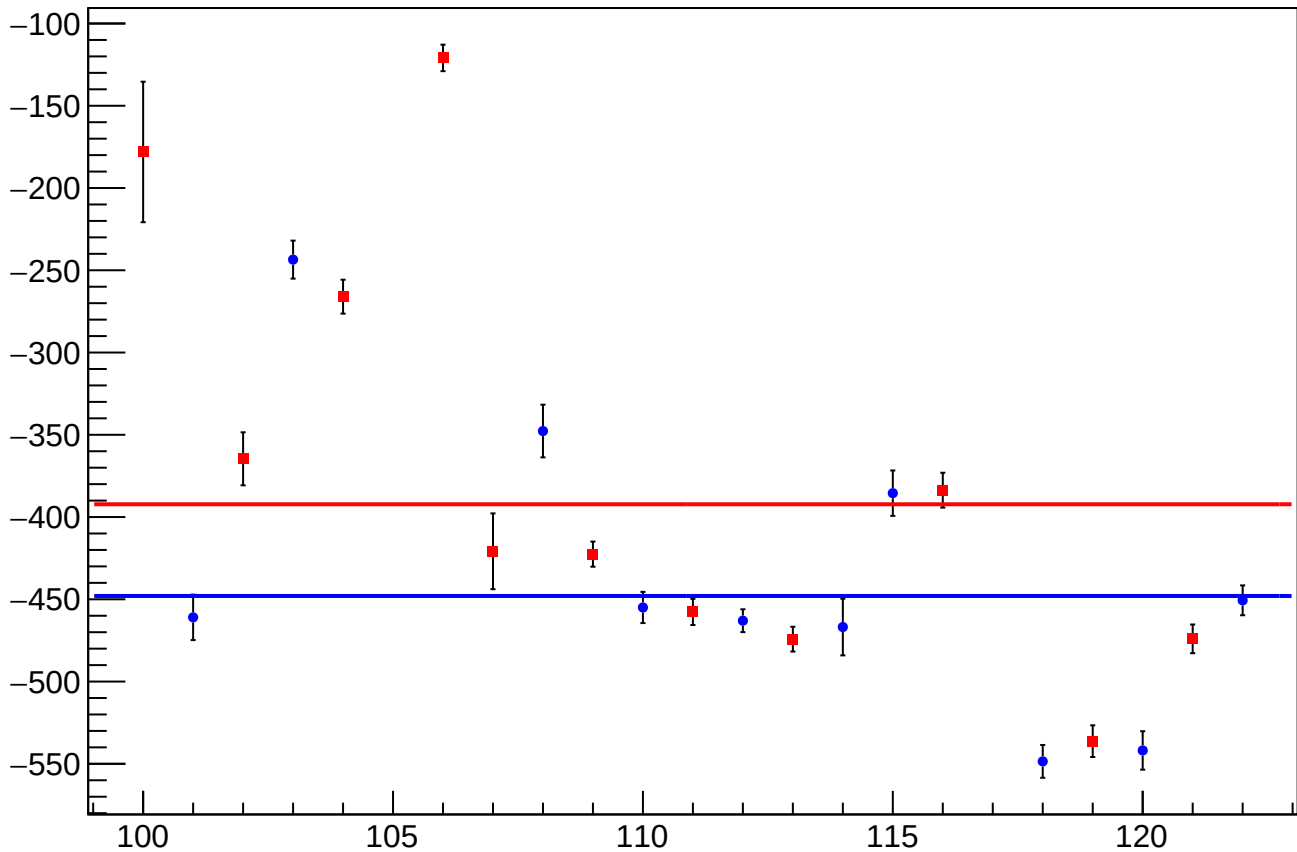
Right: -22.811+/-0.048 χ^2/NDF : 440873.4/20

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

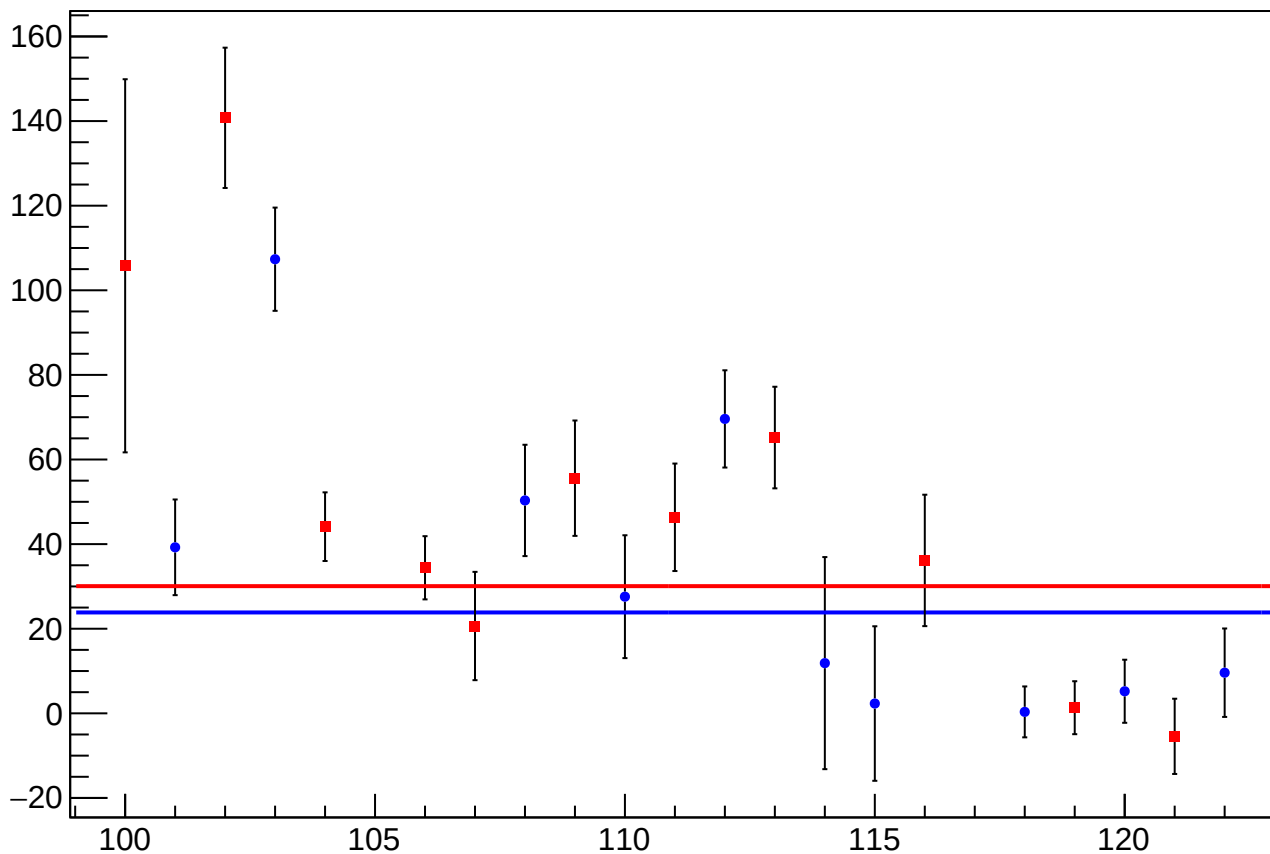
Right: -416.235+/-2.229 χ^2/NDF : 2529.8/20

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

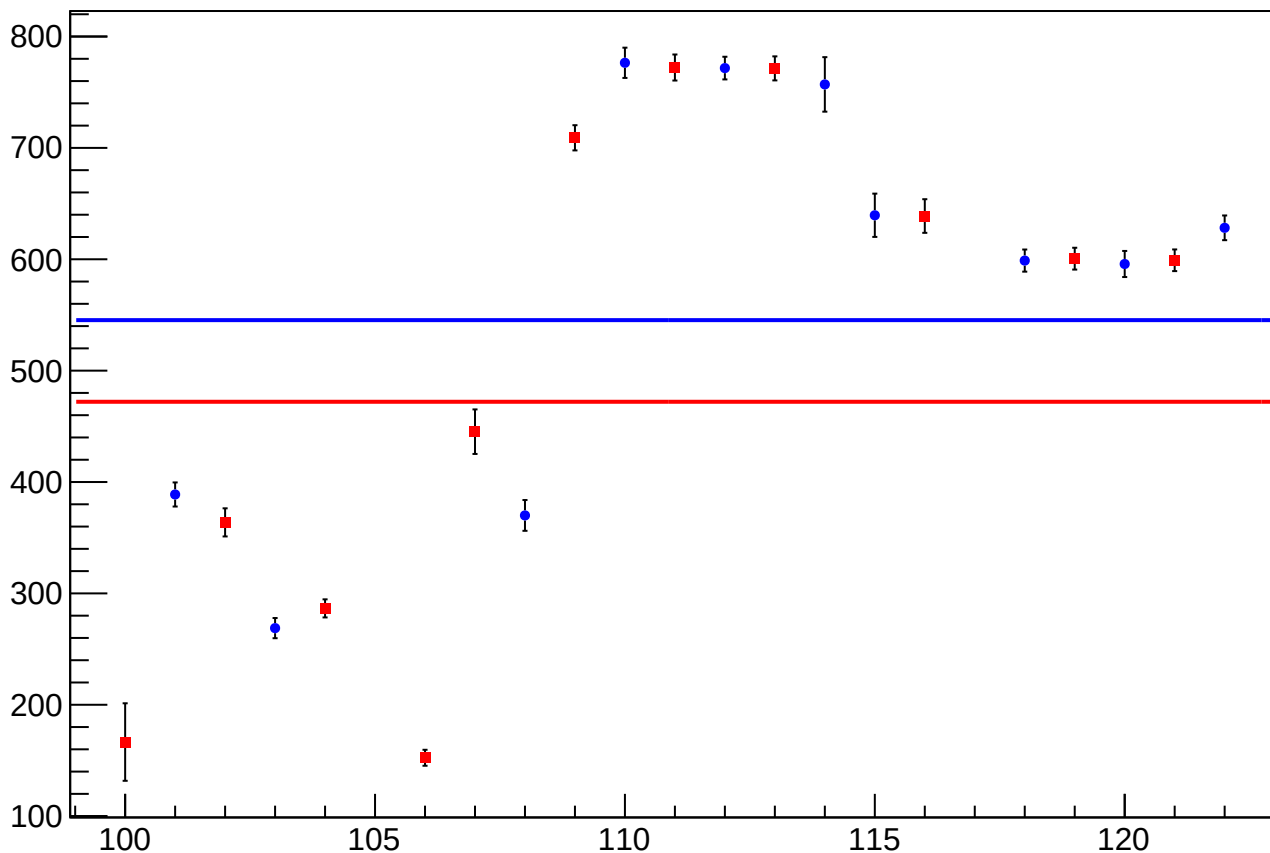
Right: 27.149+/-2.258 χ^2/NDF : 197.8/20

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

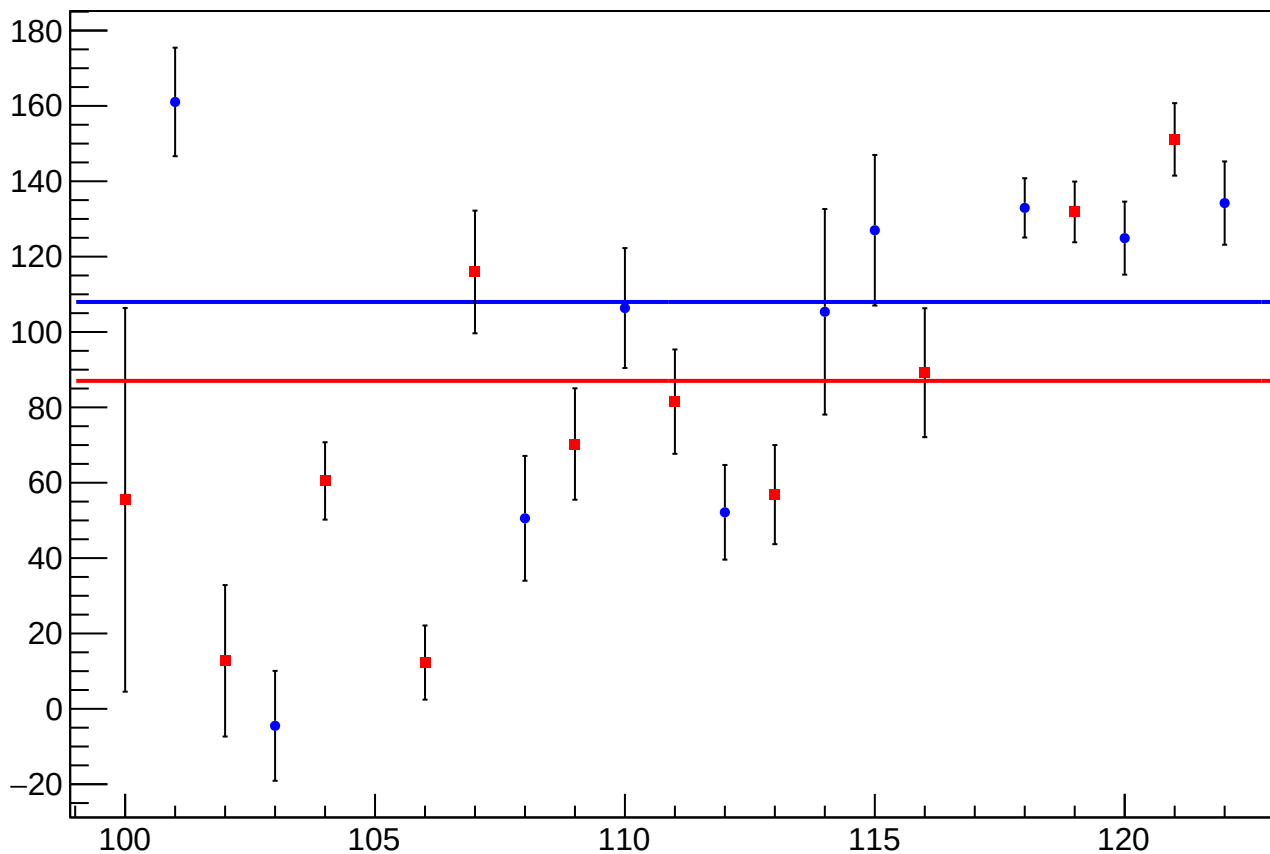
Right: 503.700+/-2.467 χ^2/NDF : 7500.8/20

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

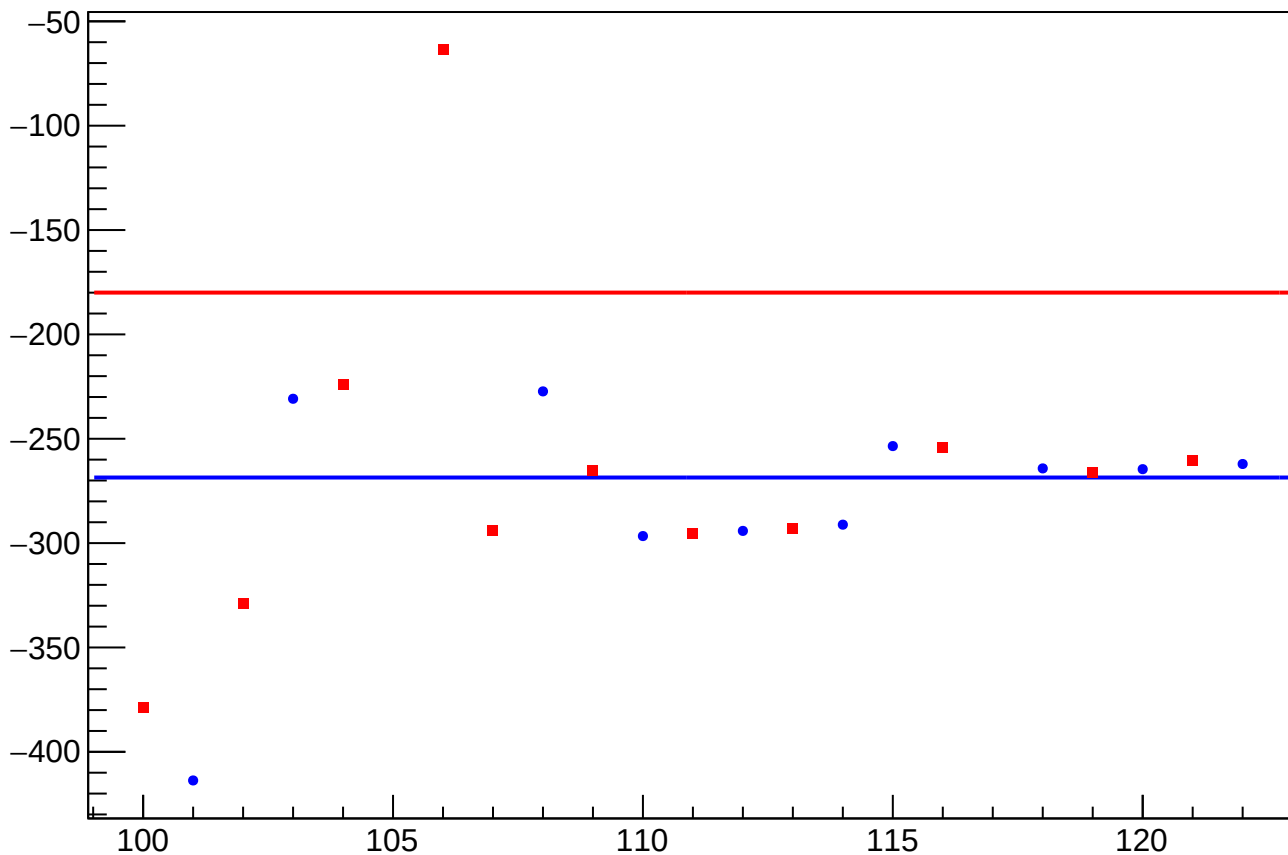
Right: 96.770 $\pm$ 2.732 χ^2 /NDF: 302.9/20

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

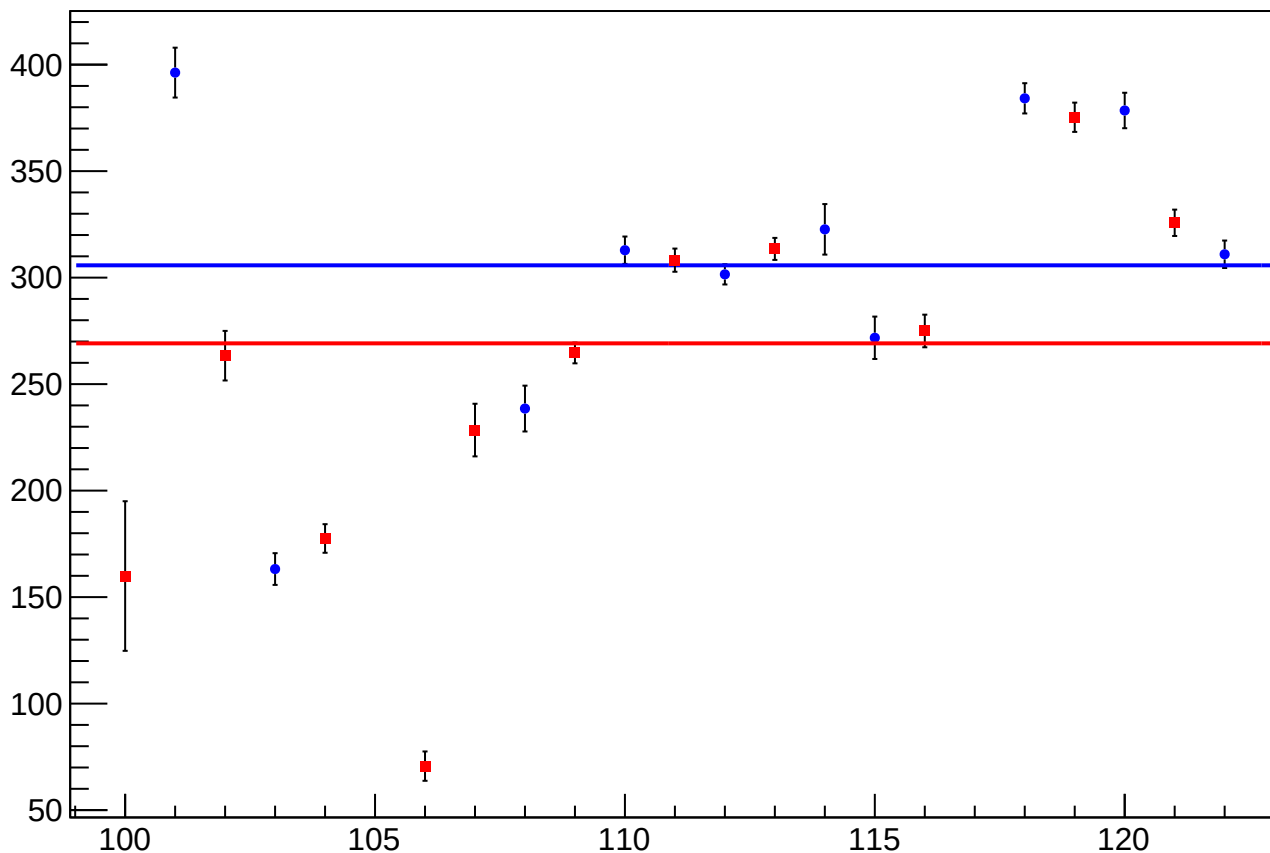
Right: -211.879+/-0.135 χ^2/NDF : 565864.6/20

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

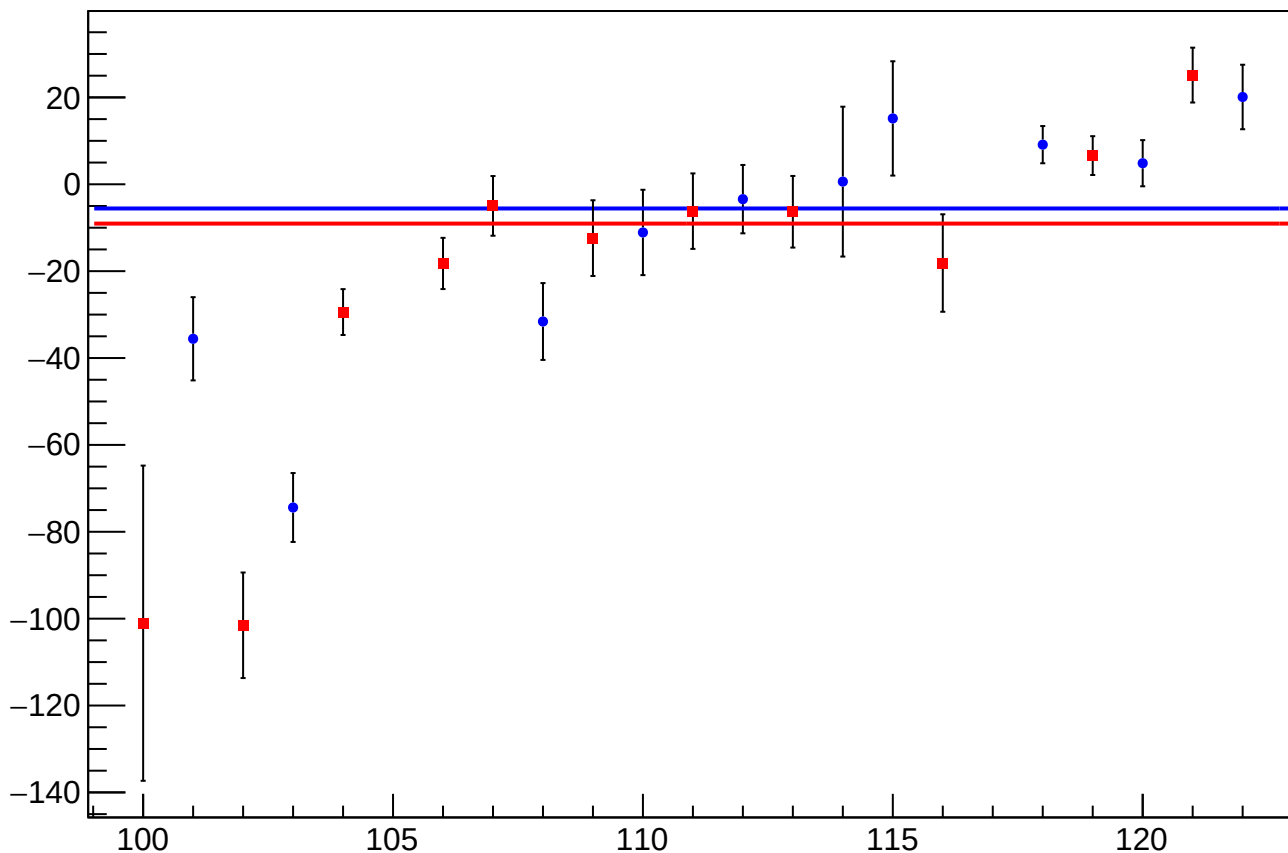
reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

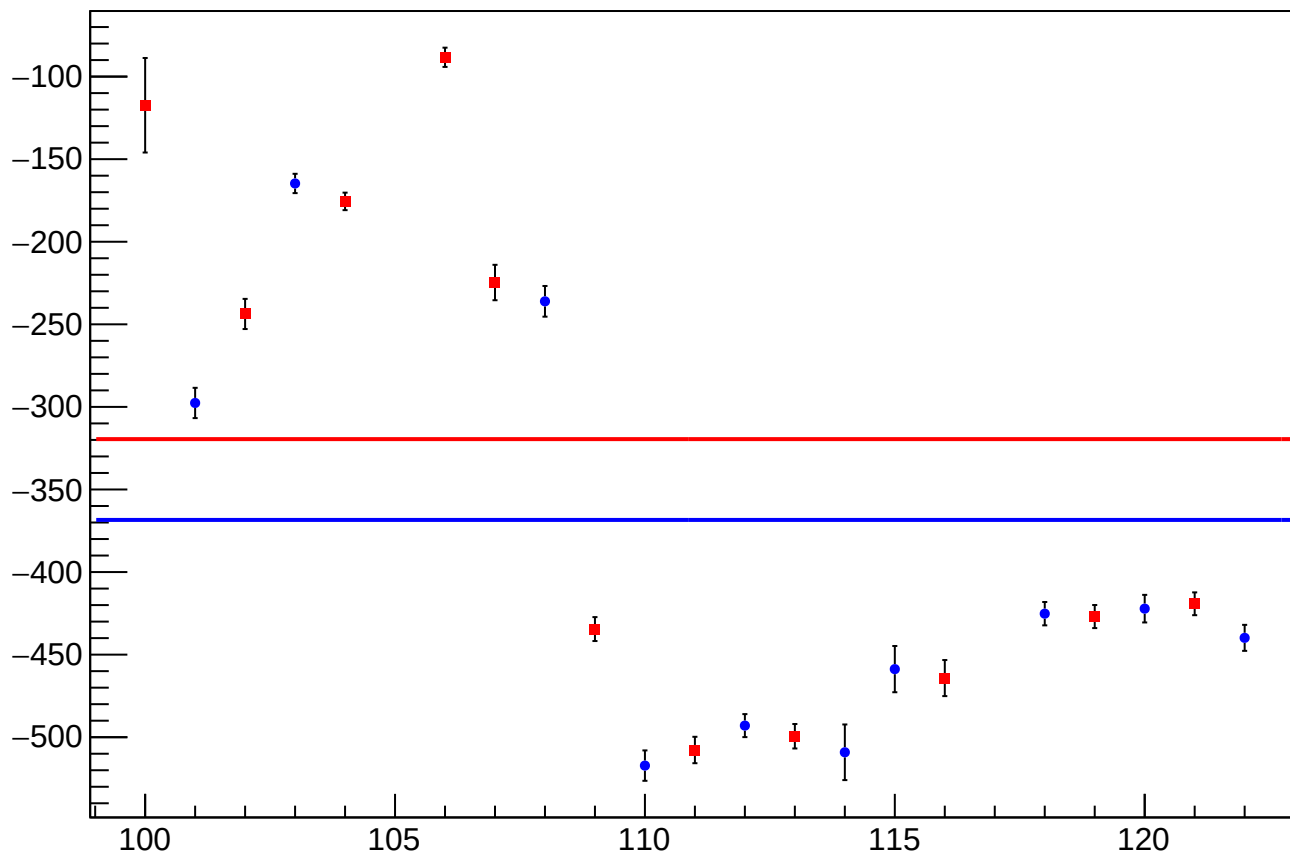
Right: -7.461+/-1.579 χ^2/NDF : 250.2/20

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

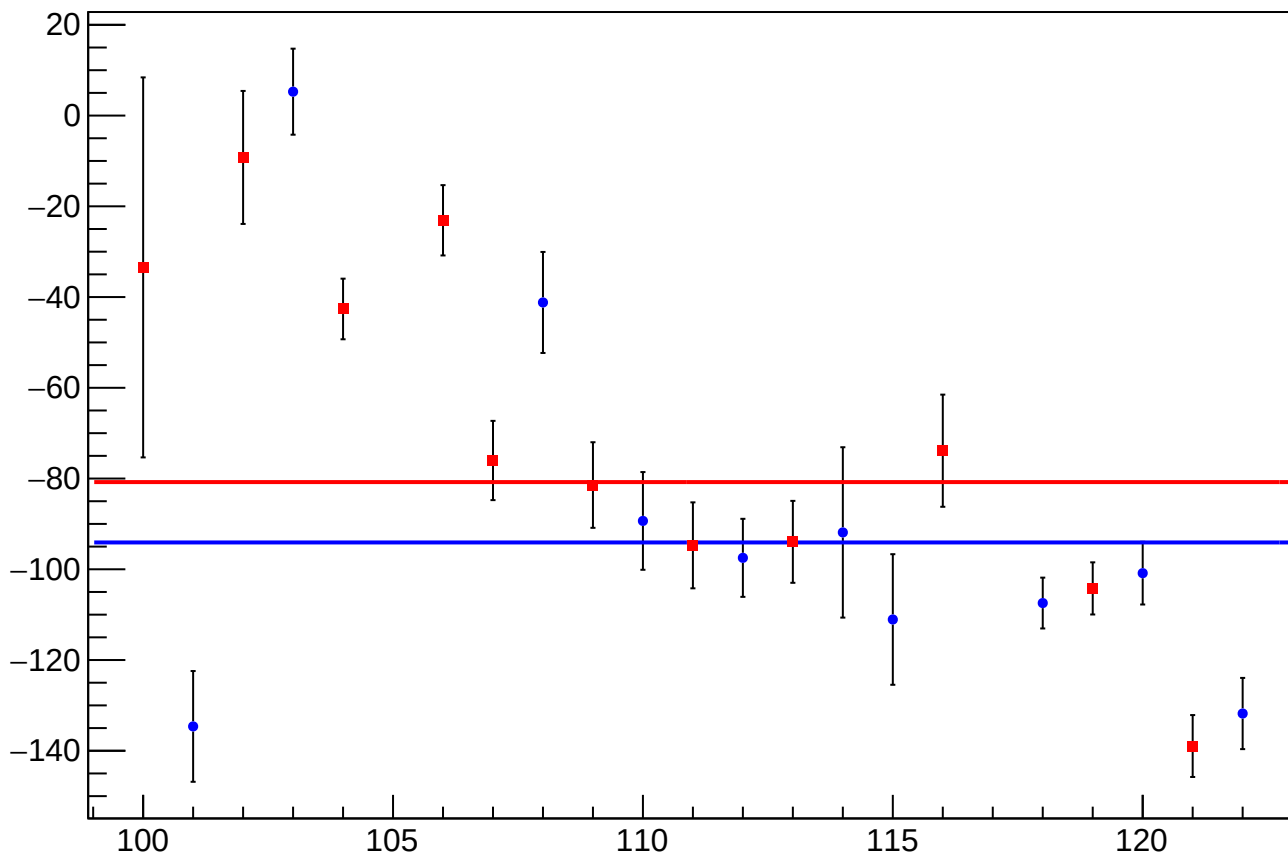
Right: -340.637+/-1.730 χ^2/NDF : 7081.7/20

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

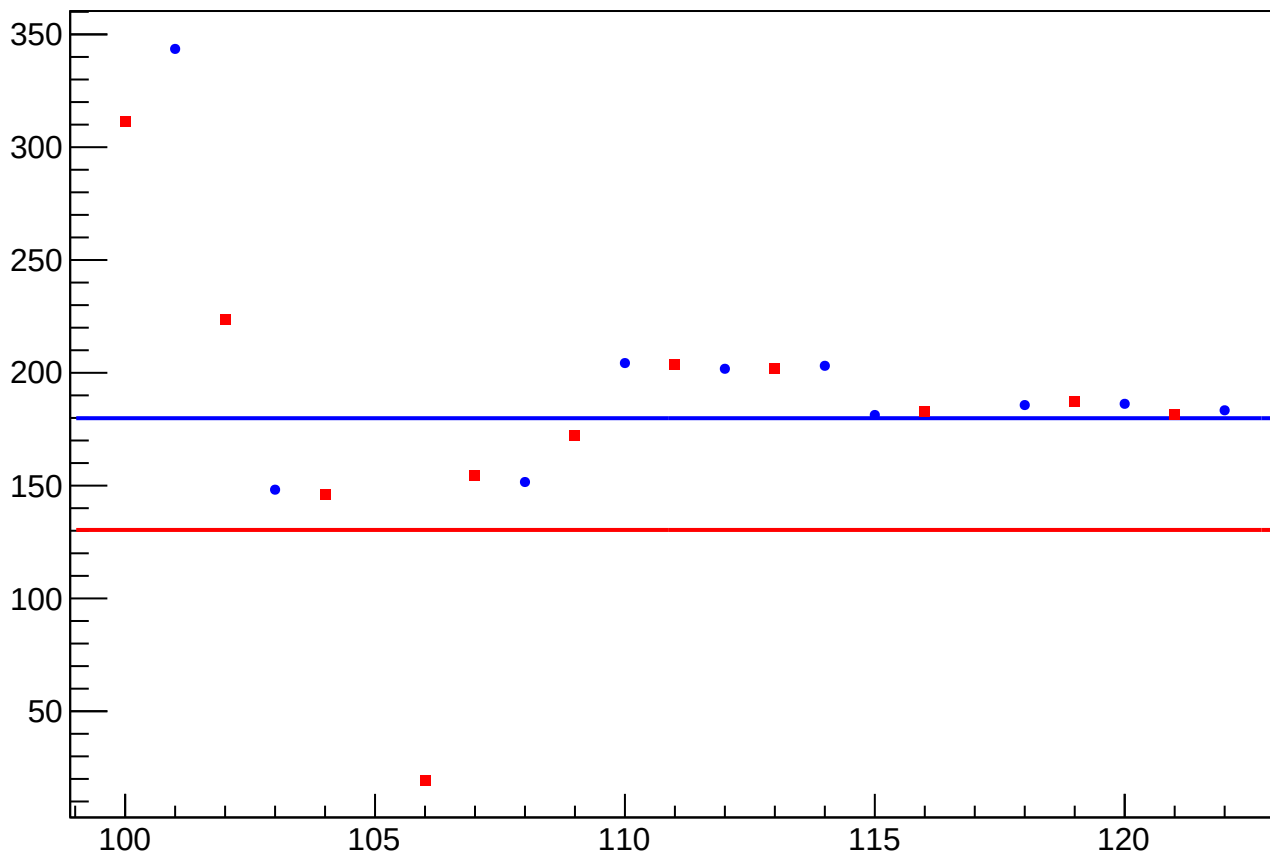
Right: -86.815+/-1.907 χ^2/NDF : 394.4/20

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

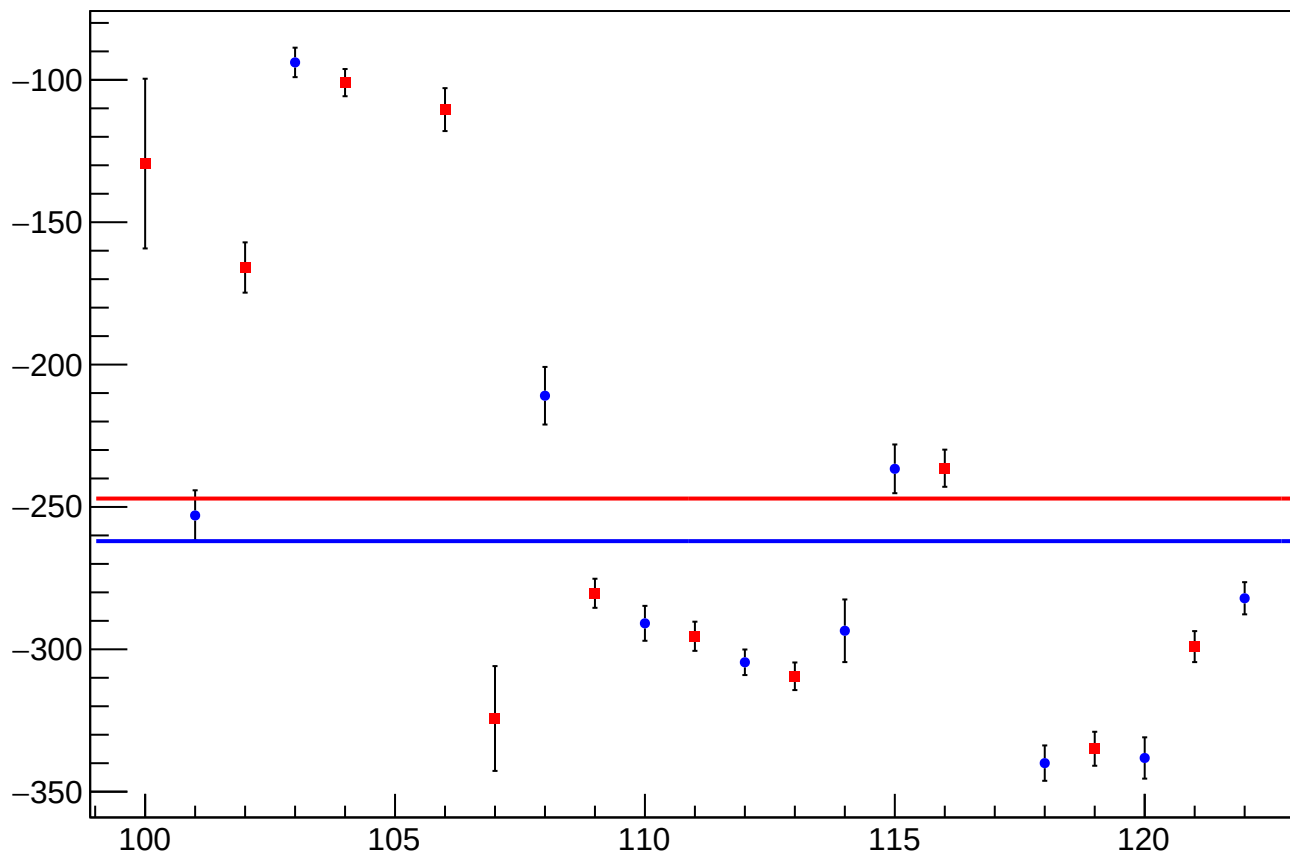
Right: 150.071+/-0.098 χ^2/NDF : 542148.2/20

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

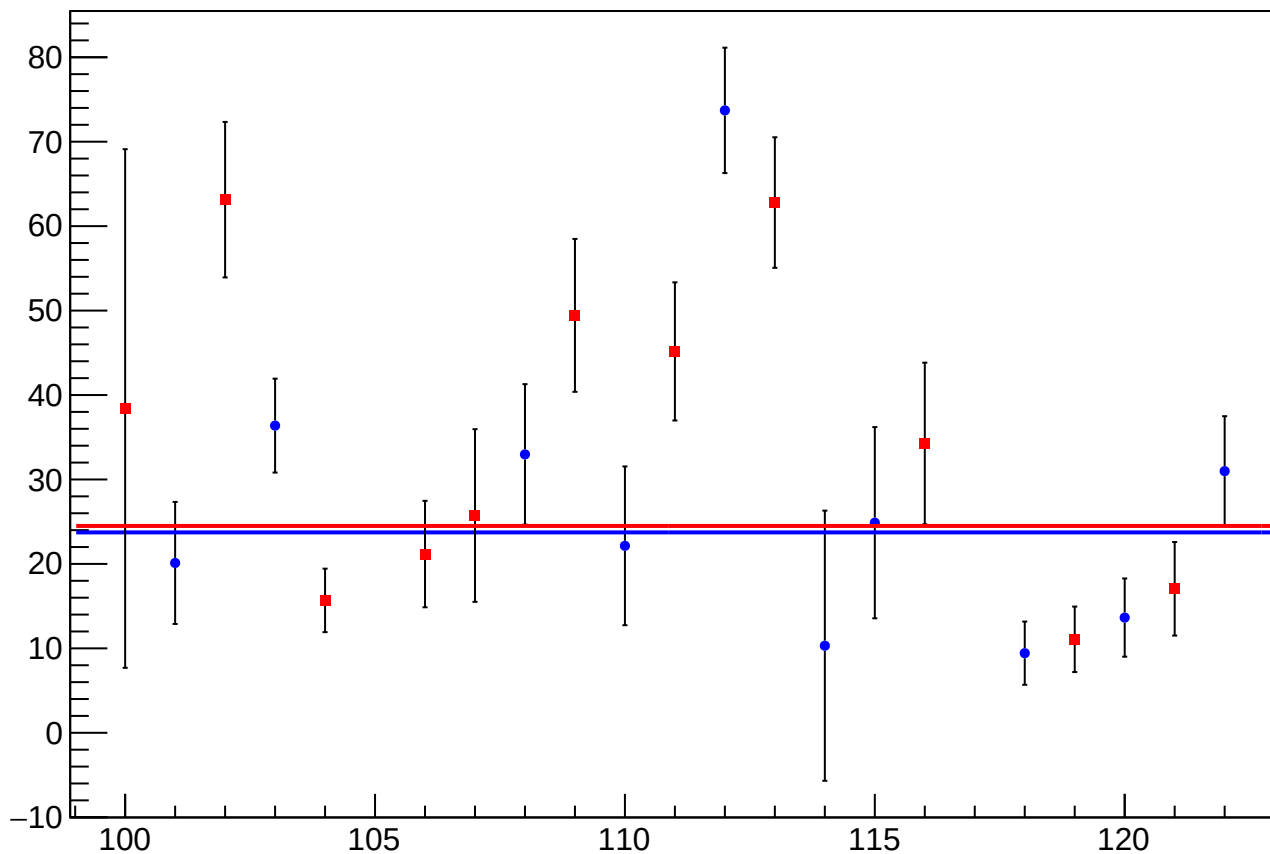
Right: -253.827+/-1.391 χ^2/NDF : 3508.6/20

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

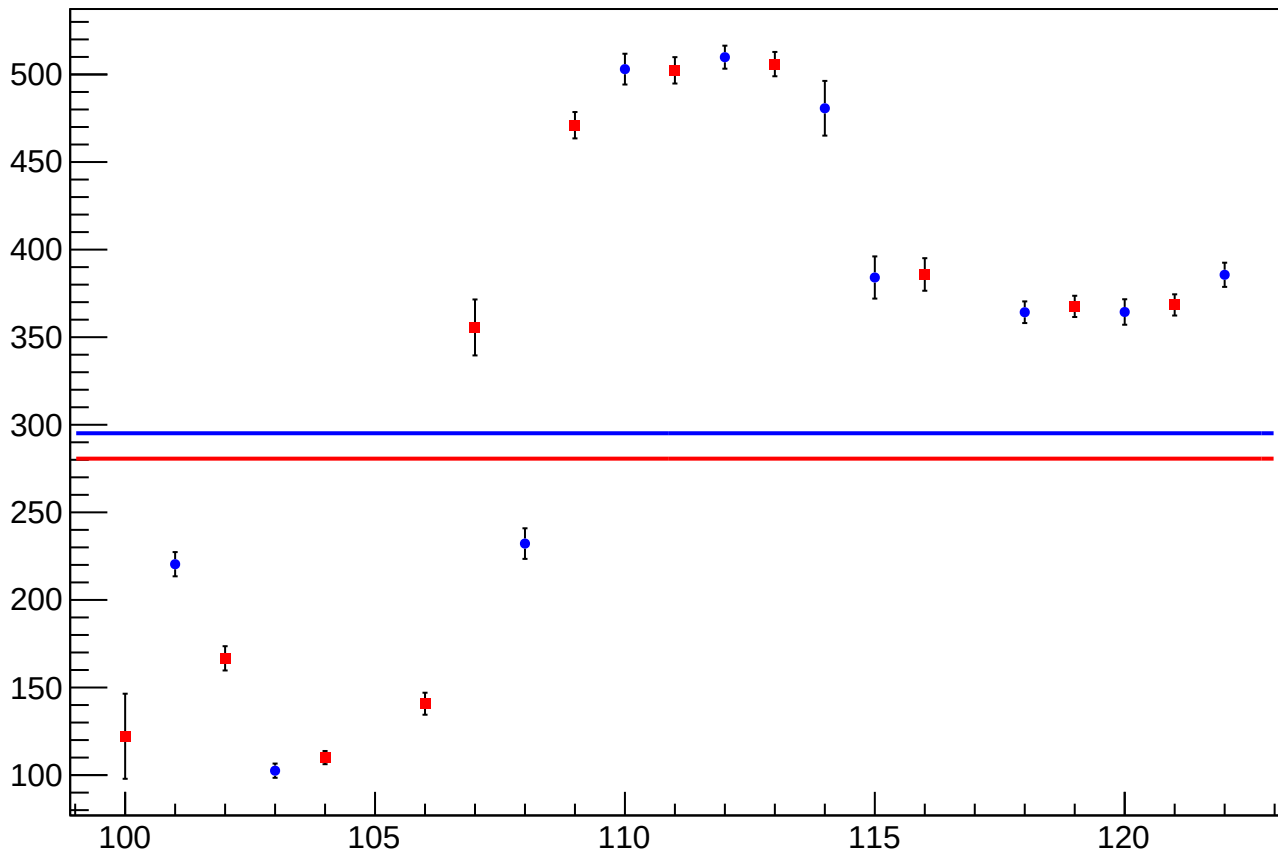
Right: 24.132+/-1.386 χ^2/NDF : 150.3/20

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

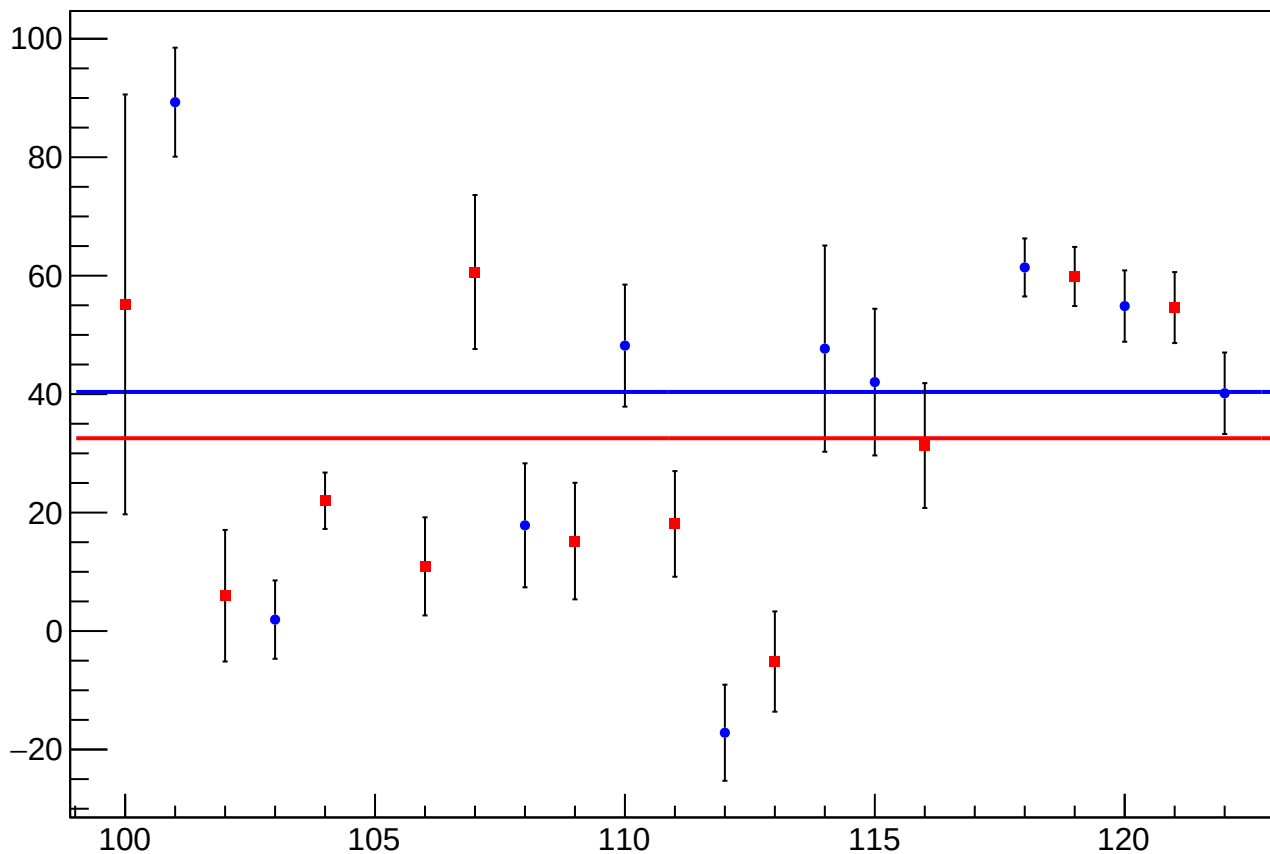
Right: 287.323+/-1.488 χ^2/NDF : 10632.9/20

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

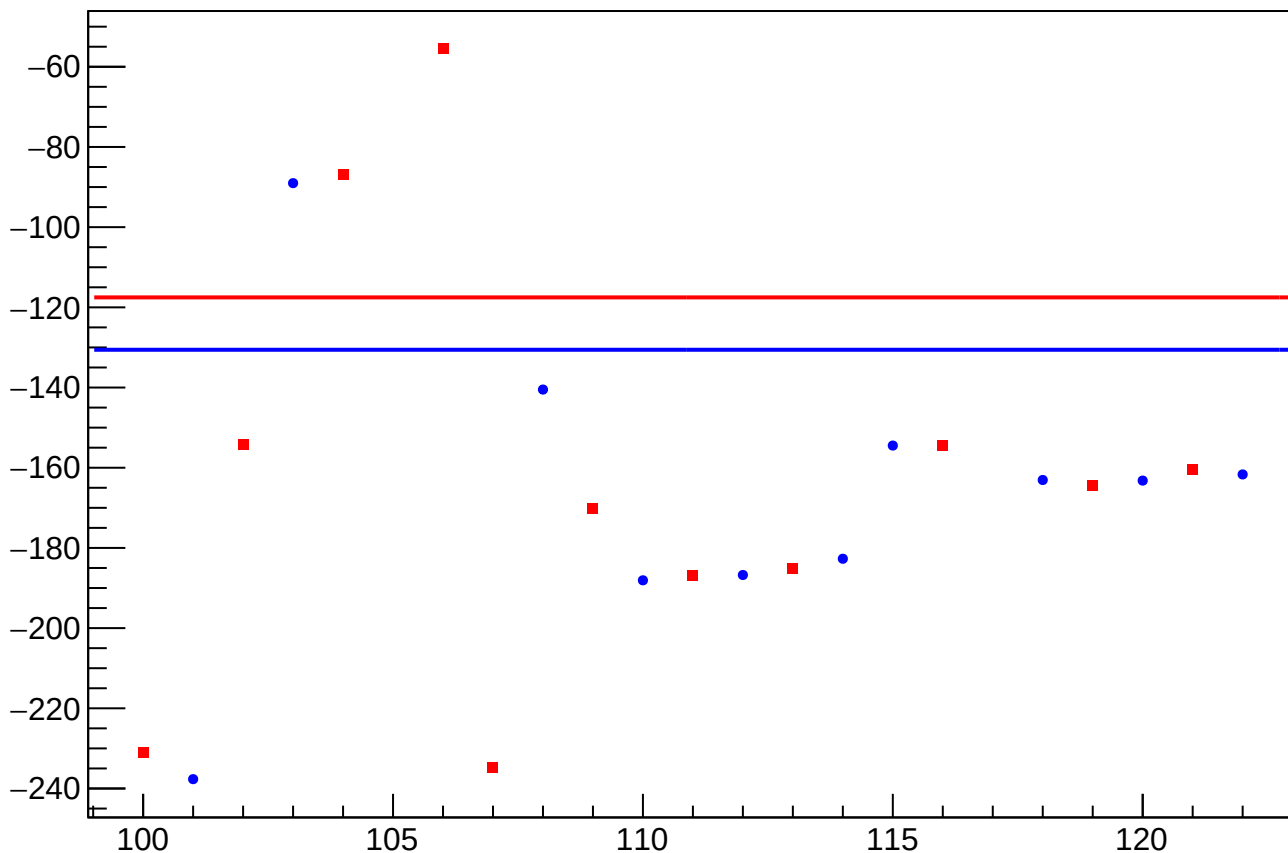
Right: 36.257+/-1.676 χ^2/NDF : 239.0/20

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

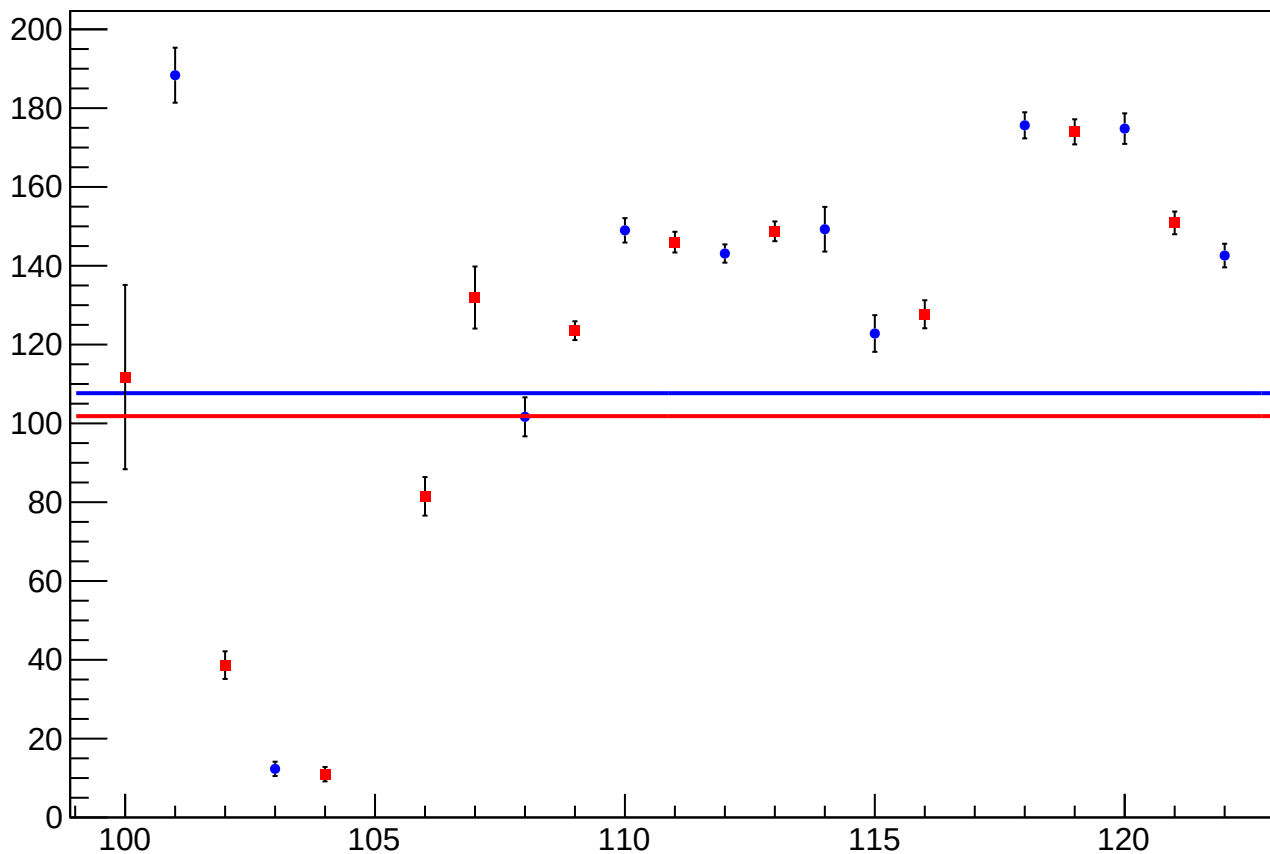
Right: -123.461+/-0.082 χ^2/NDF : 368683.1/20

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

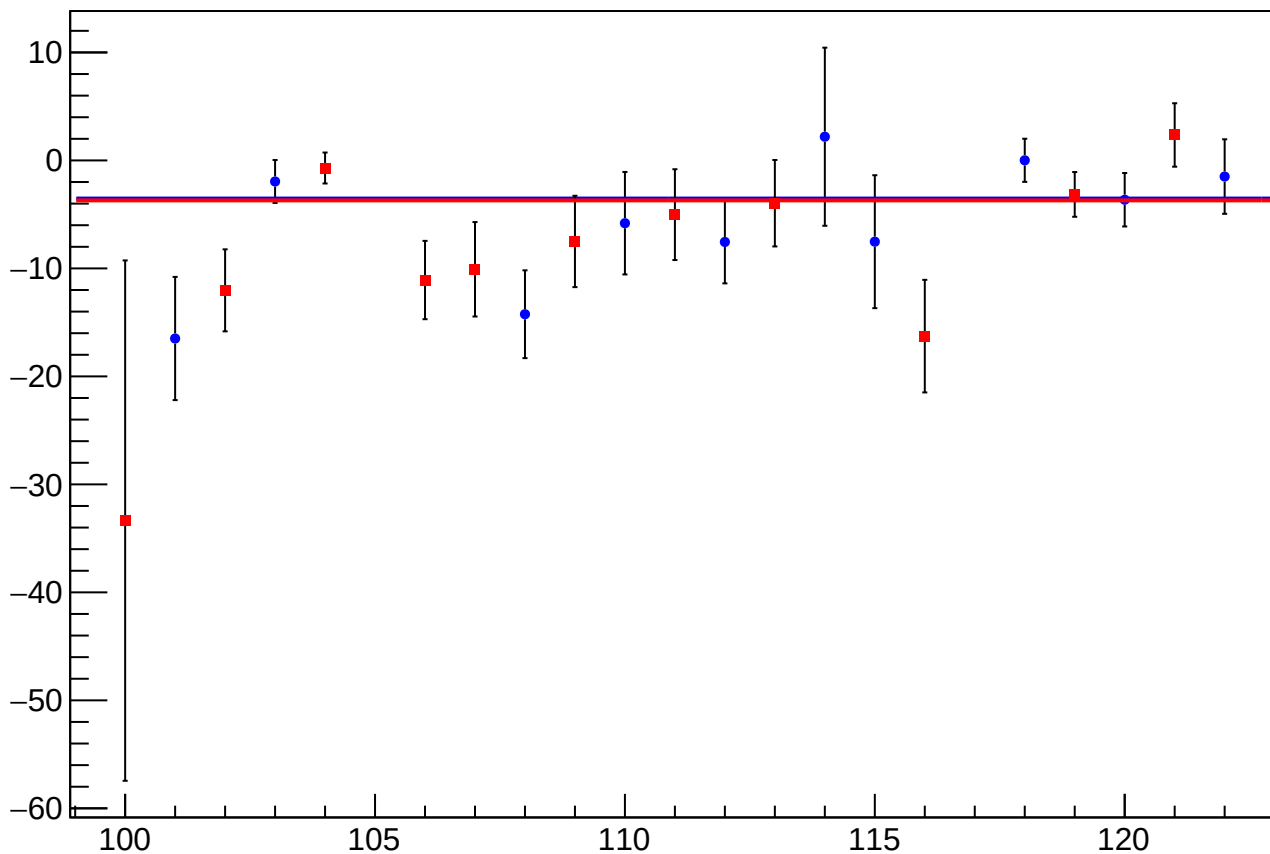
Right: 104.467 $\pm$ 0.671 χ^2 /NDF: 8639.1/20

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

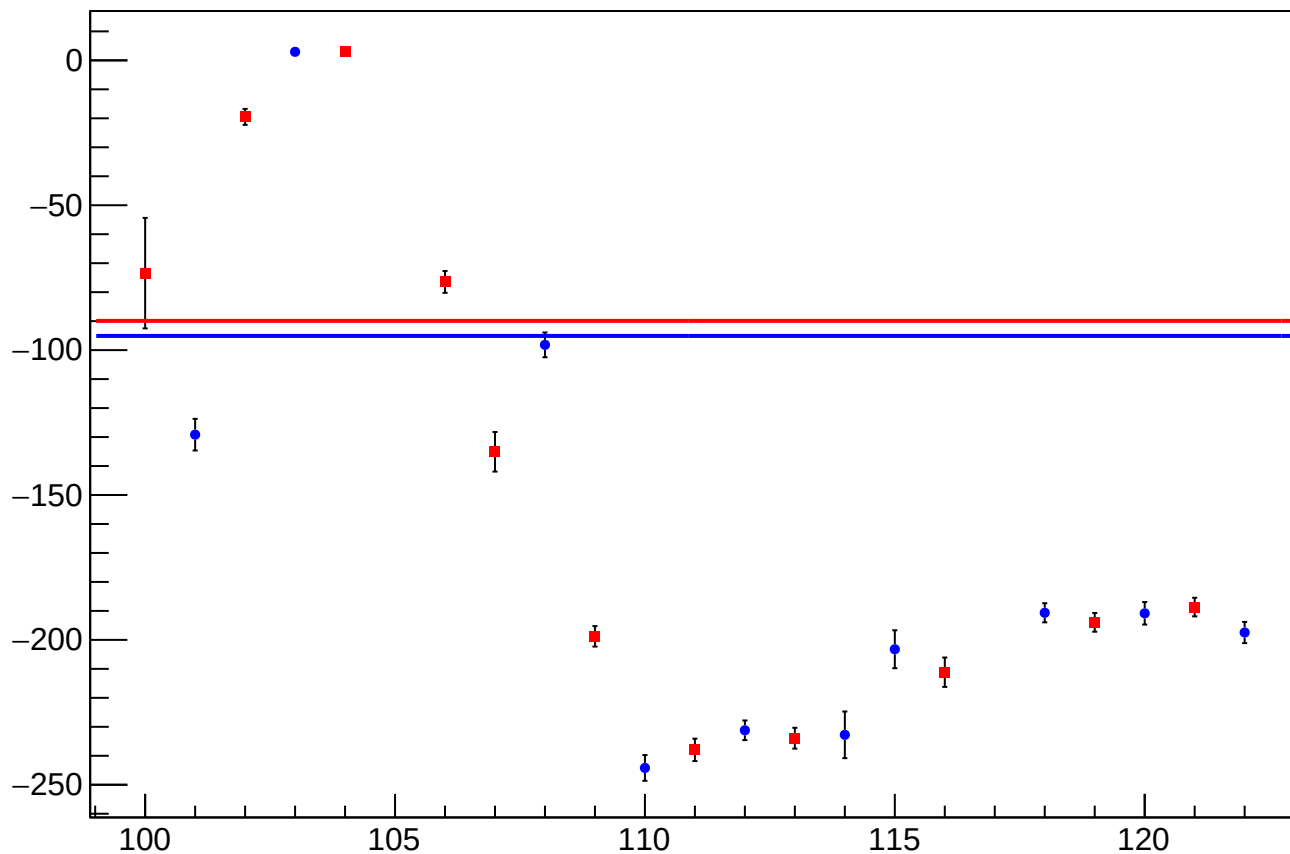
Right: -3.625 ± 0.668 χ^2/NDF : 46.5/20

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

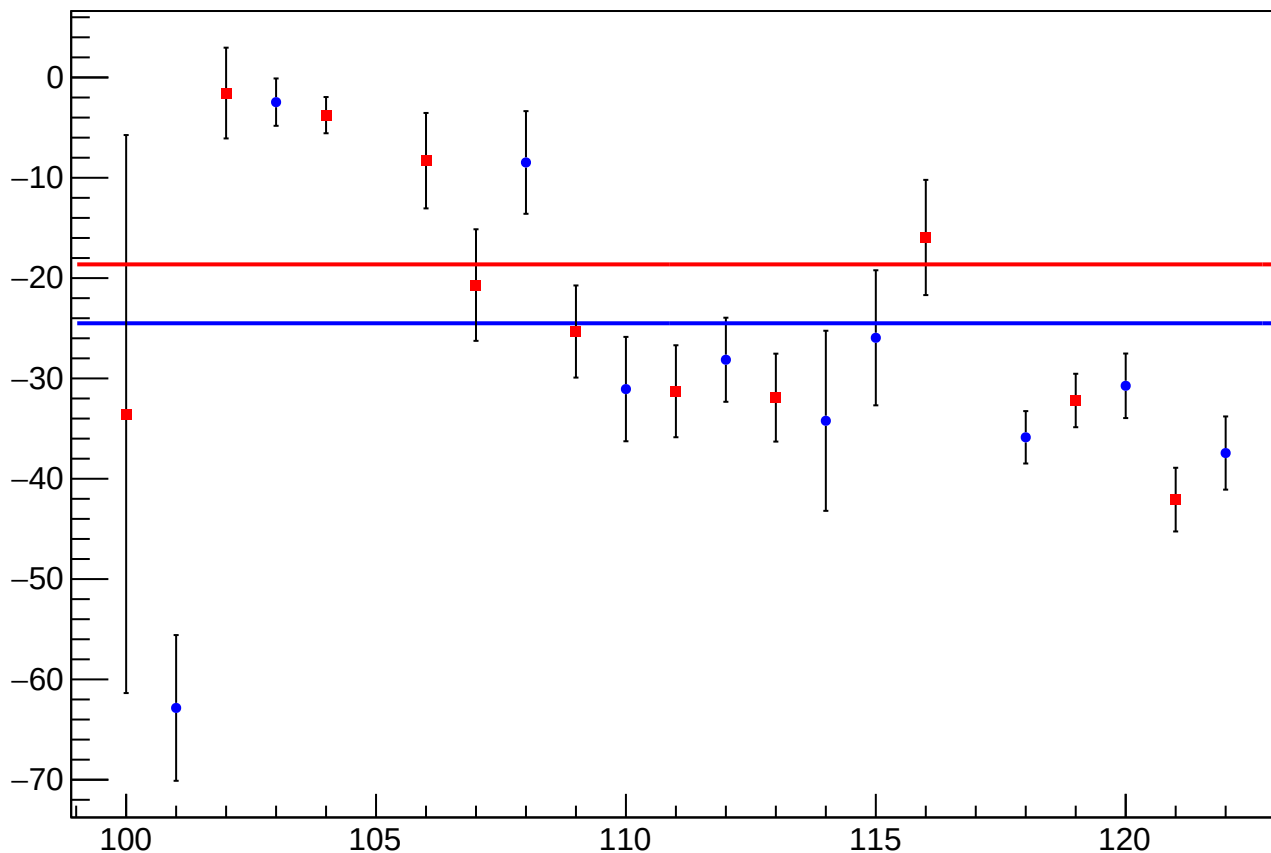
Right: -92.286+/-0.682 χ^2/NDF : 21733.5/20

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

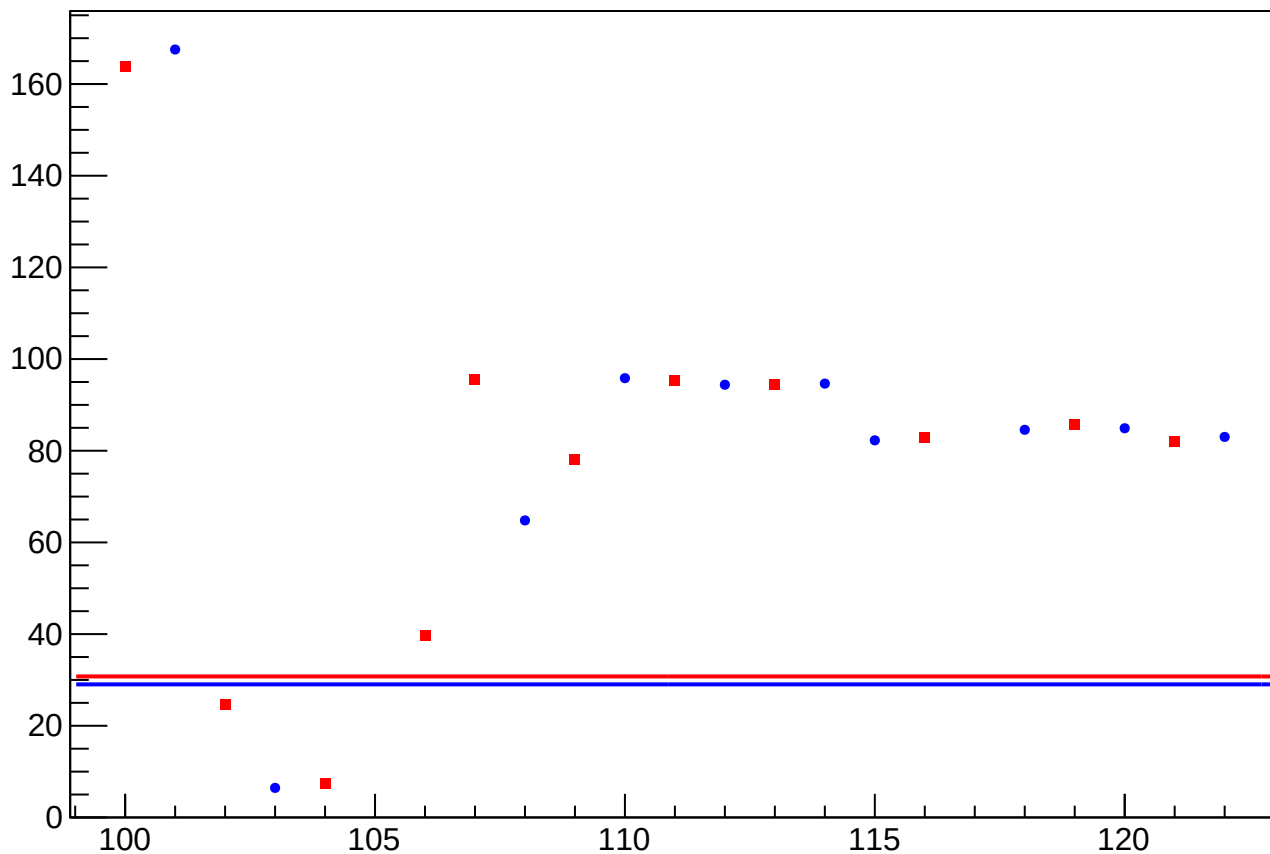
Right: -21.247 ± 0.807 χ^2/NDF : 363.7/20

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

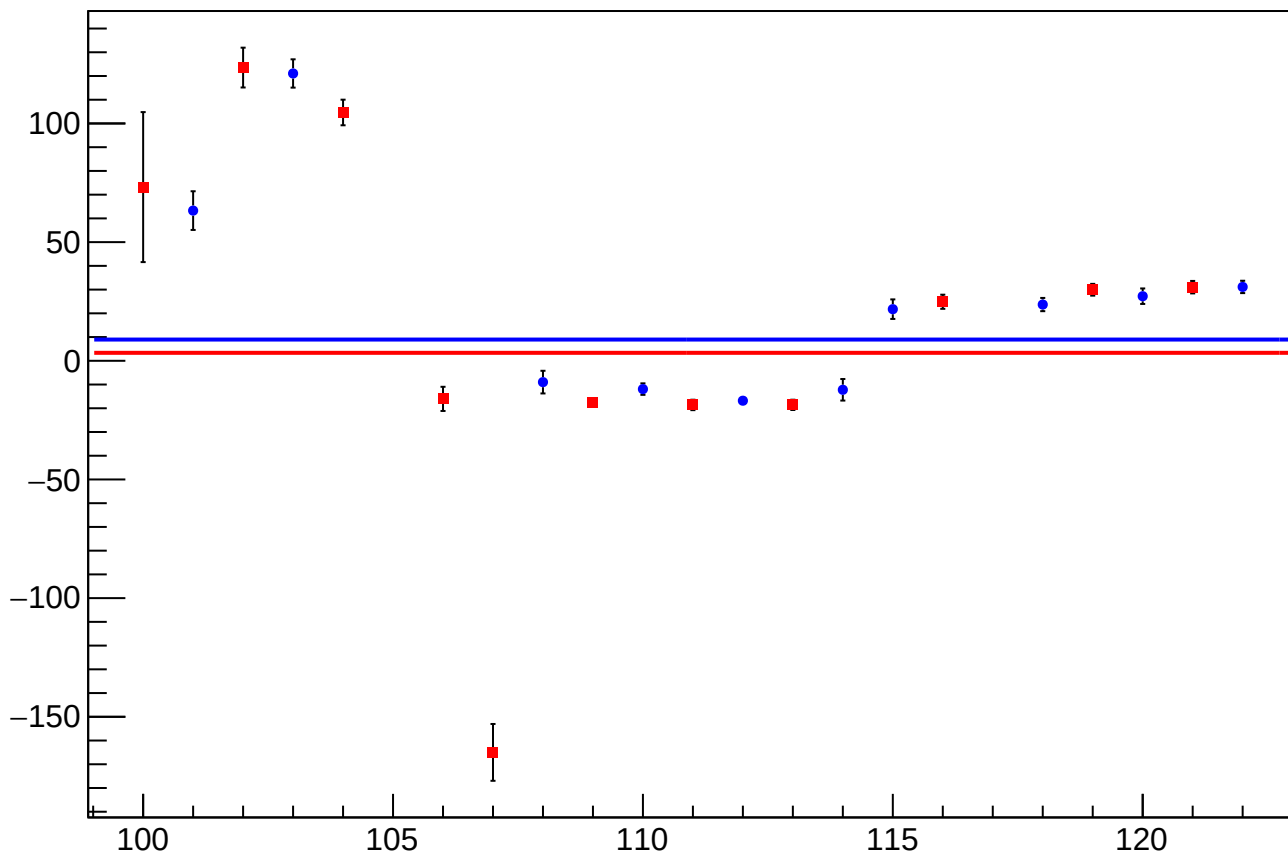
Right: 29.911+/-0.035 χ^2/NDF : 1036450.4/20

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

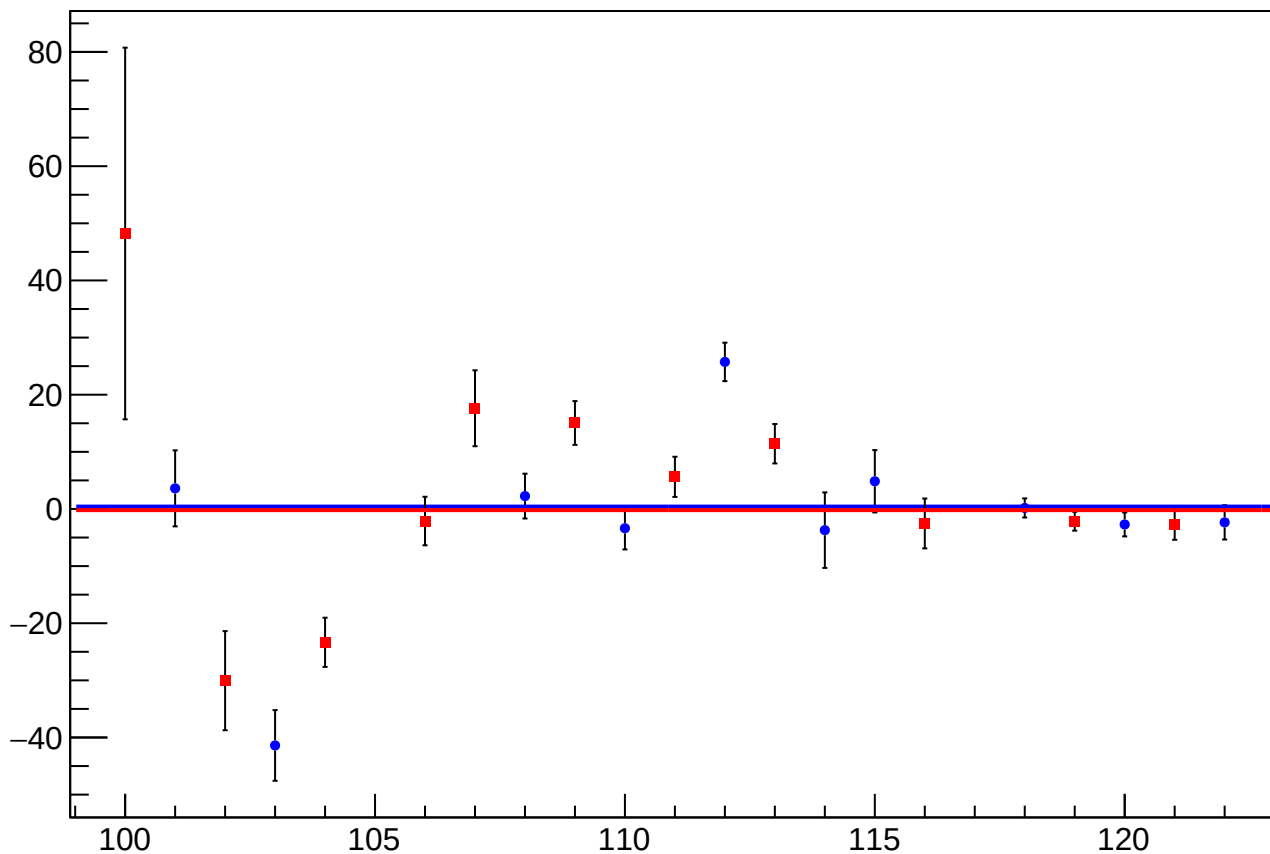
Right: 5.904+/-0.683 χ^2/NDF : 2185.1/20

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

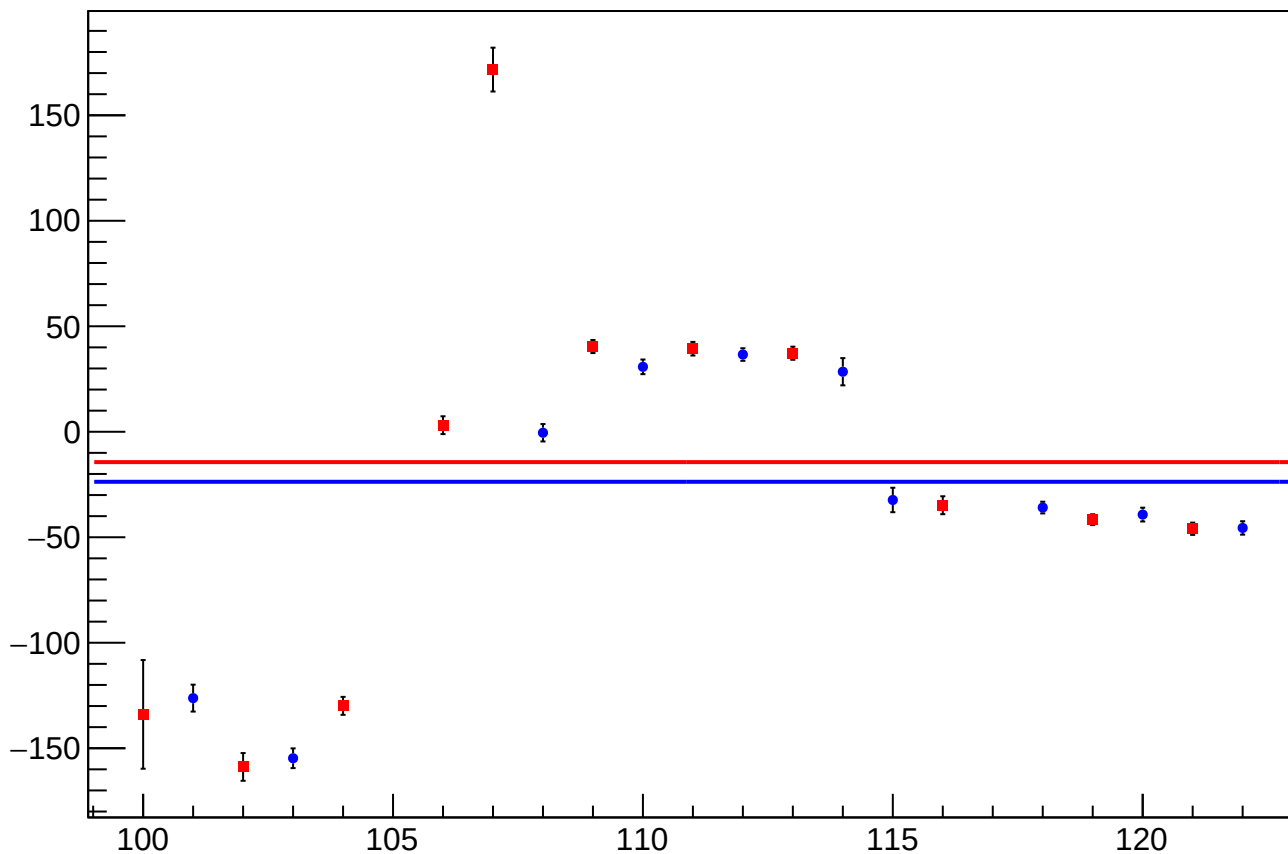
reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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 $\pm$ 1.195 χ^2 /NDF: 1888.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.389 $\pm$ 1.135 χ^2 /NDF: 2701.6/10

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

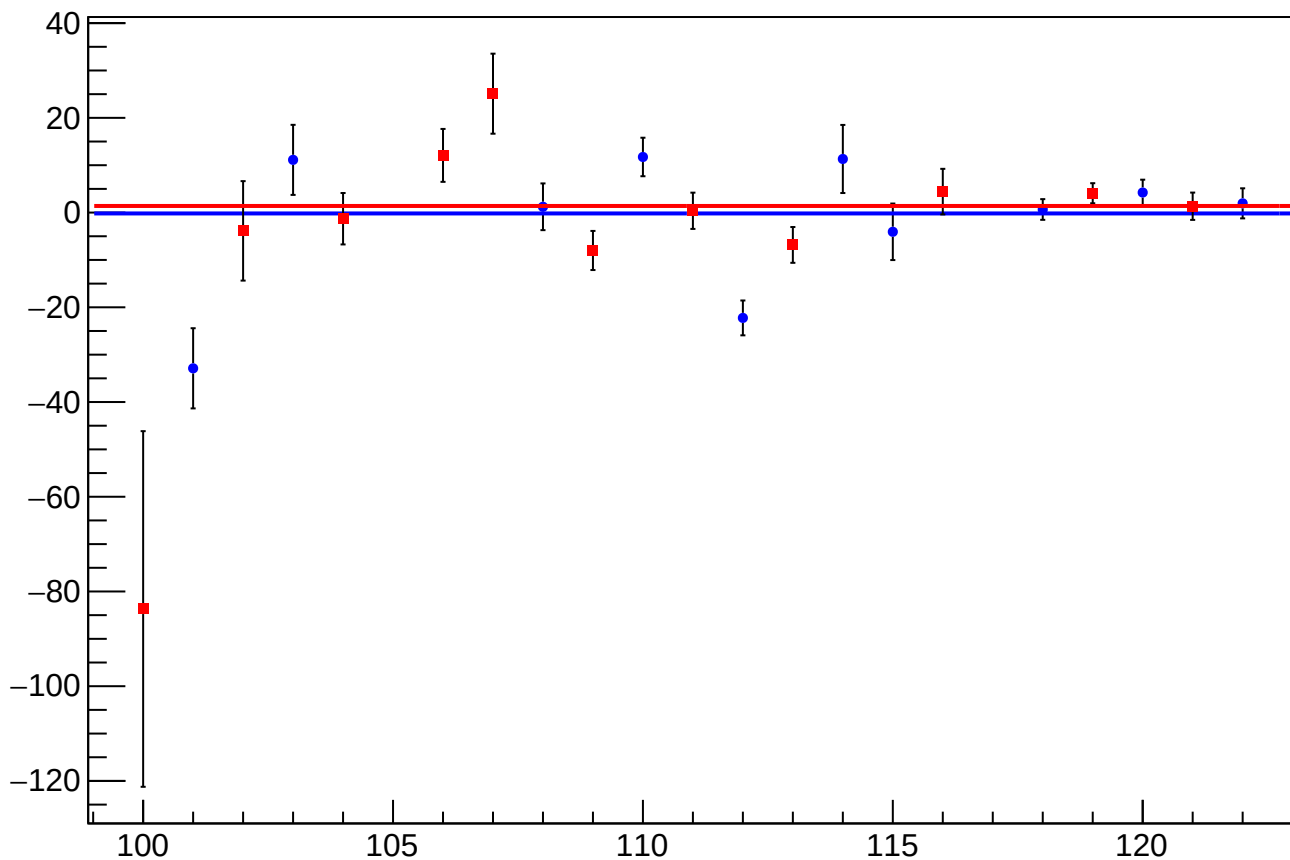
Right: -18.812 $\pm$ 0.823 χ^2 /NDF: 4622.5/20

In: -23.714 $\pm$ 1.195 χ^2 /NDF:1888.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.812 $\pm$ 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

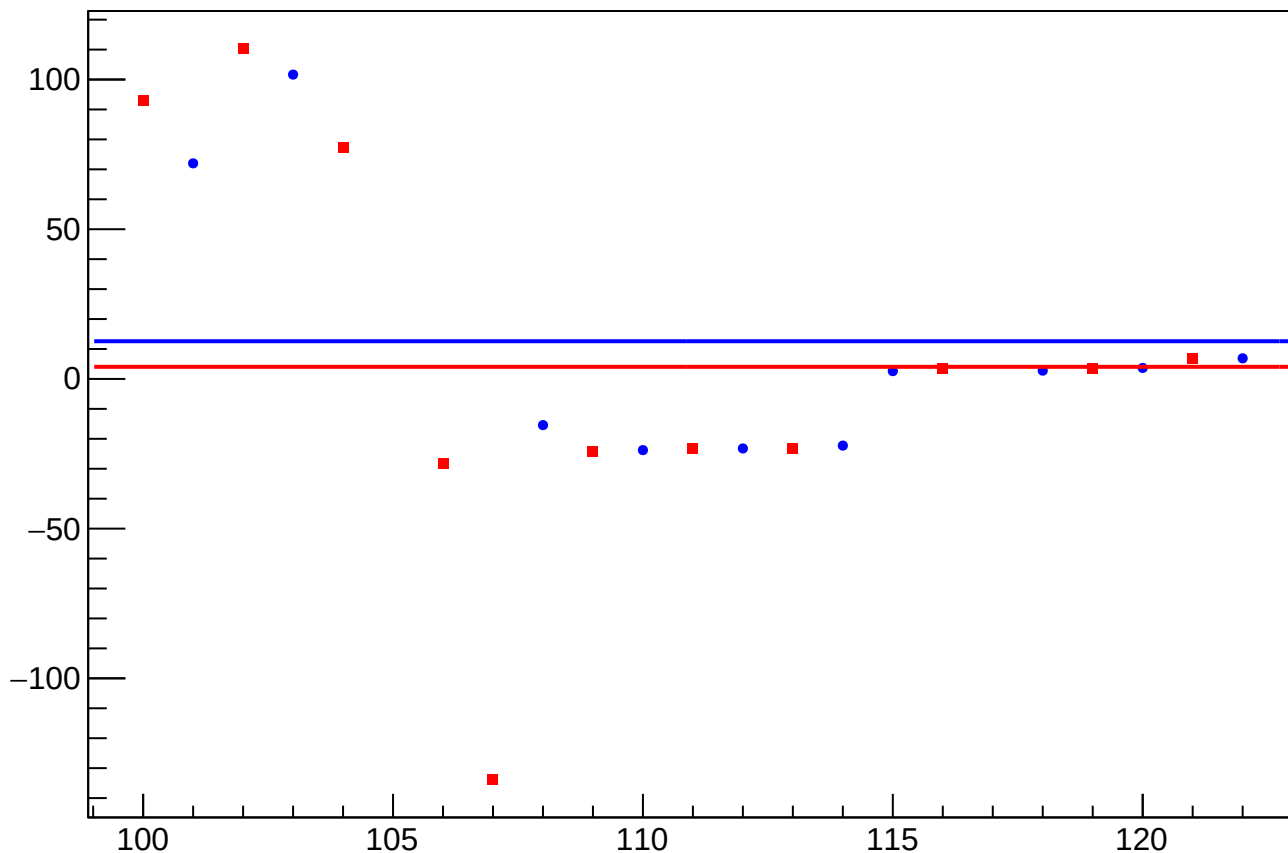
Right: 0.590+/-0.854 χ^2/NDF : 98.1/20

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

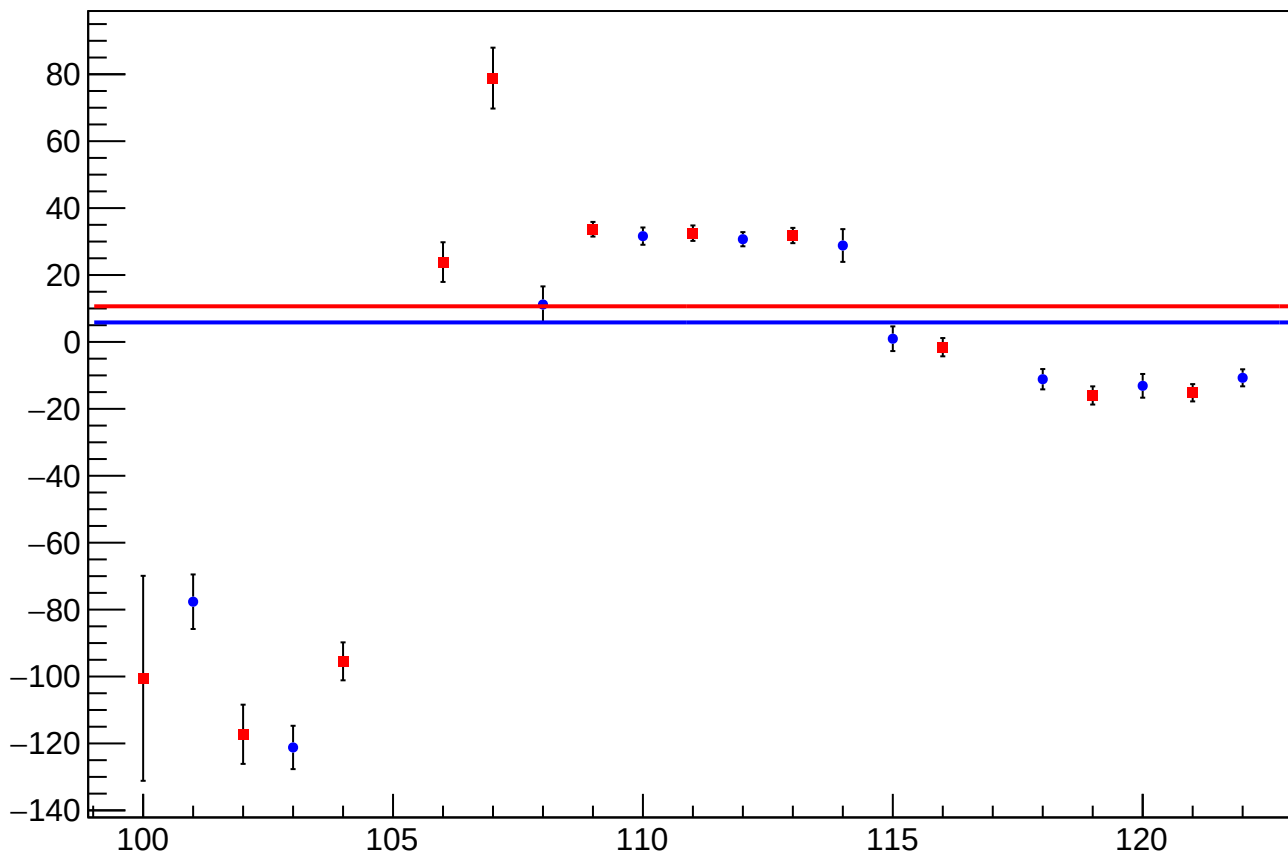
Right: 8.164+/-0.055 χ^2/NDF : 759787.1/20

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

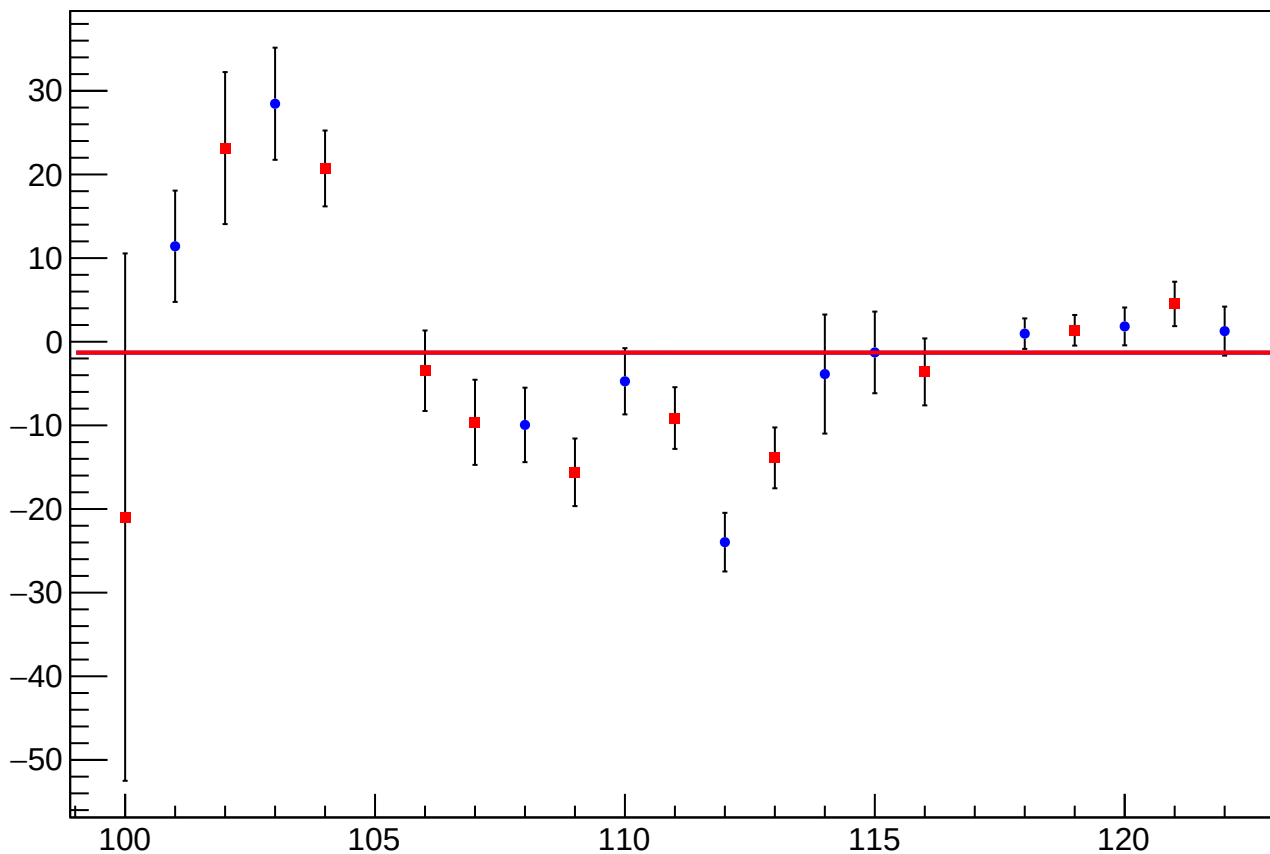
Right: 8.469+/-0.708 χ^2/NDF : 2001.4/20

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

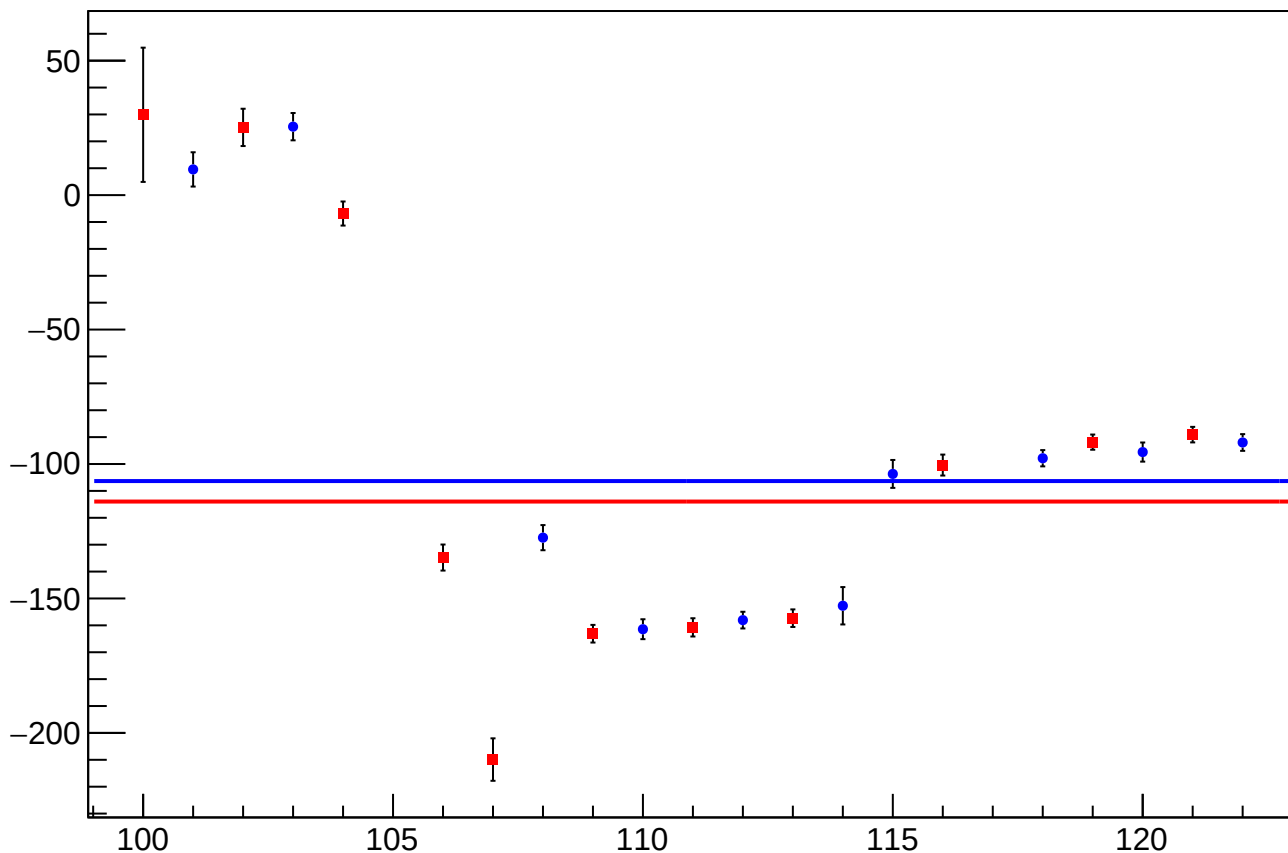
Right: -1.299+/-0.752 χ^2/NDF : 144.4/20

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

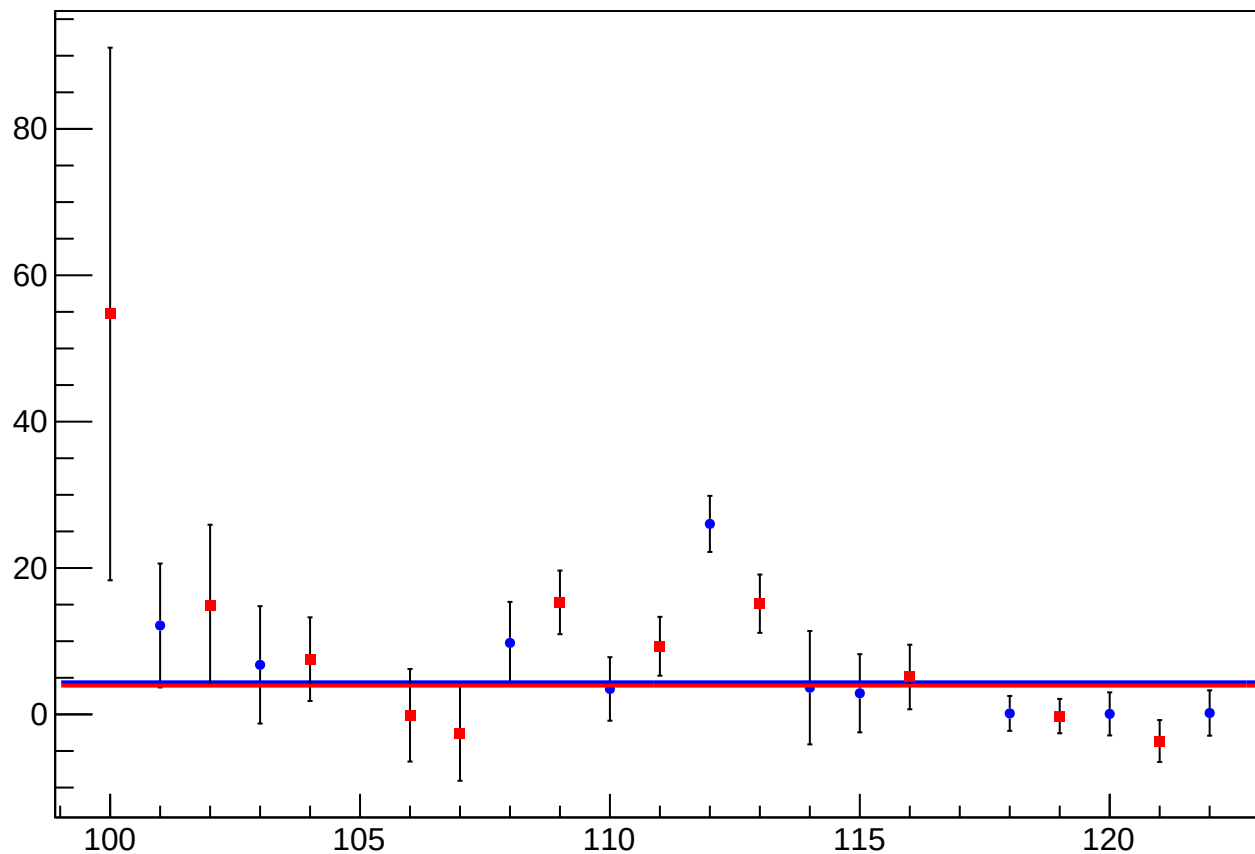
Right: -110.375+/-0.860 χ^2/NDF : 3539.8/20

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

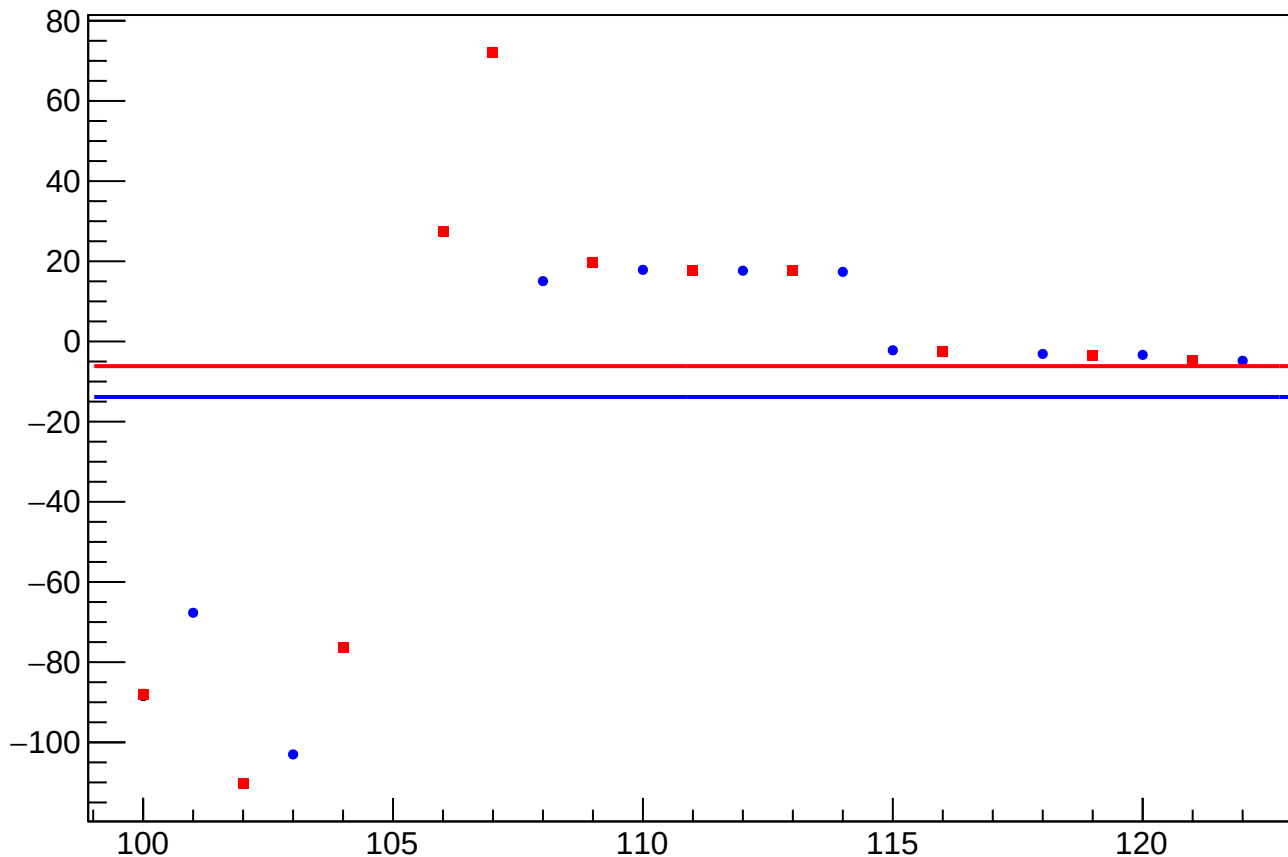
Right: 4.159+/-0.894 χ^2/NDF : 72.6/20

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

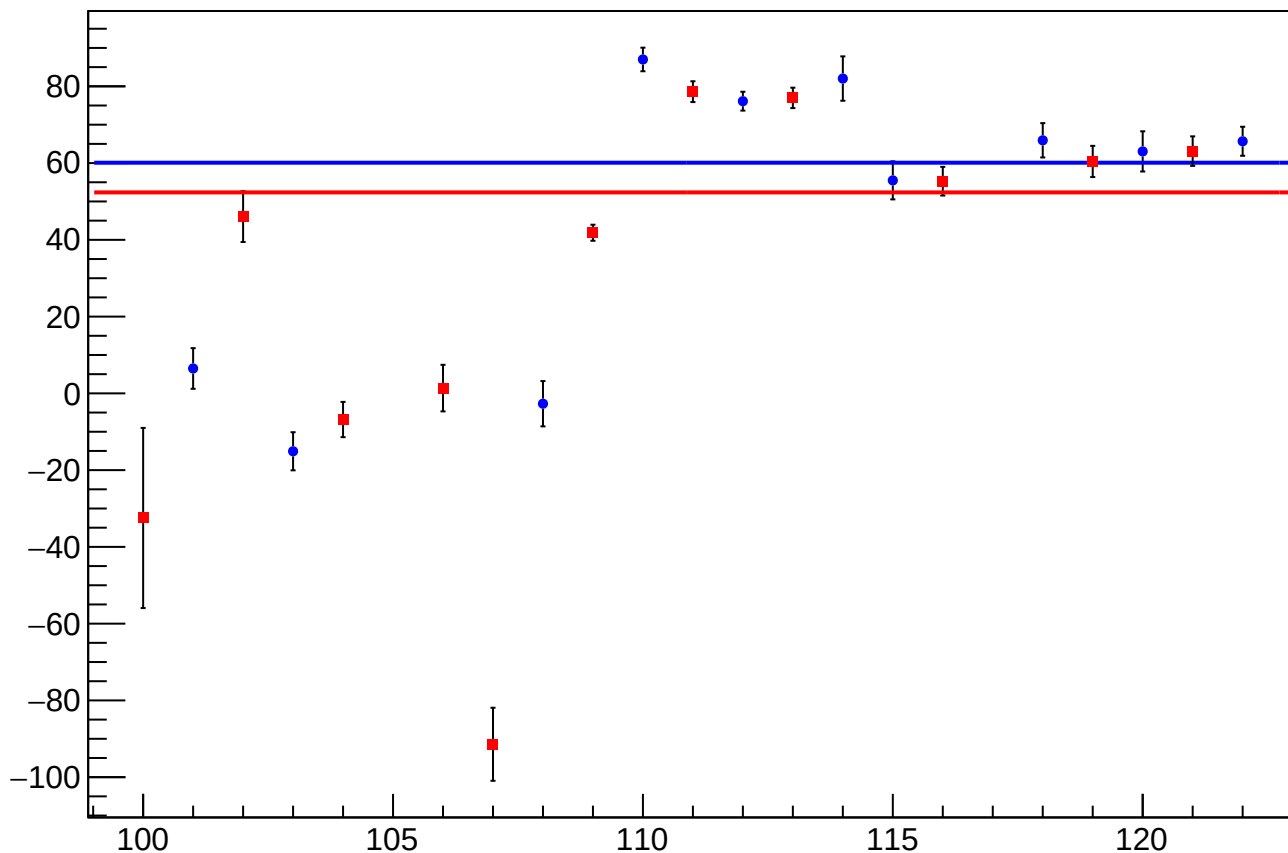
Right: -9.798+/-0.058 χ^2/NDF : 597976.7/20

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

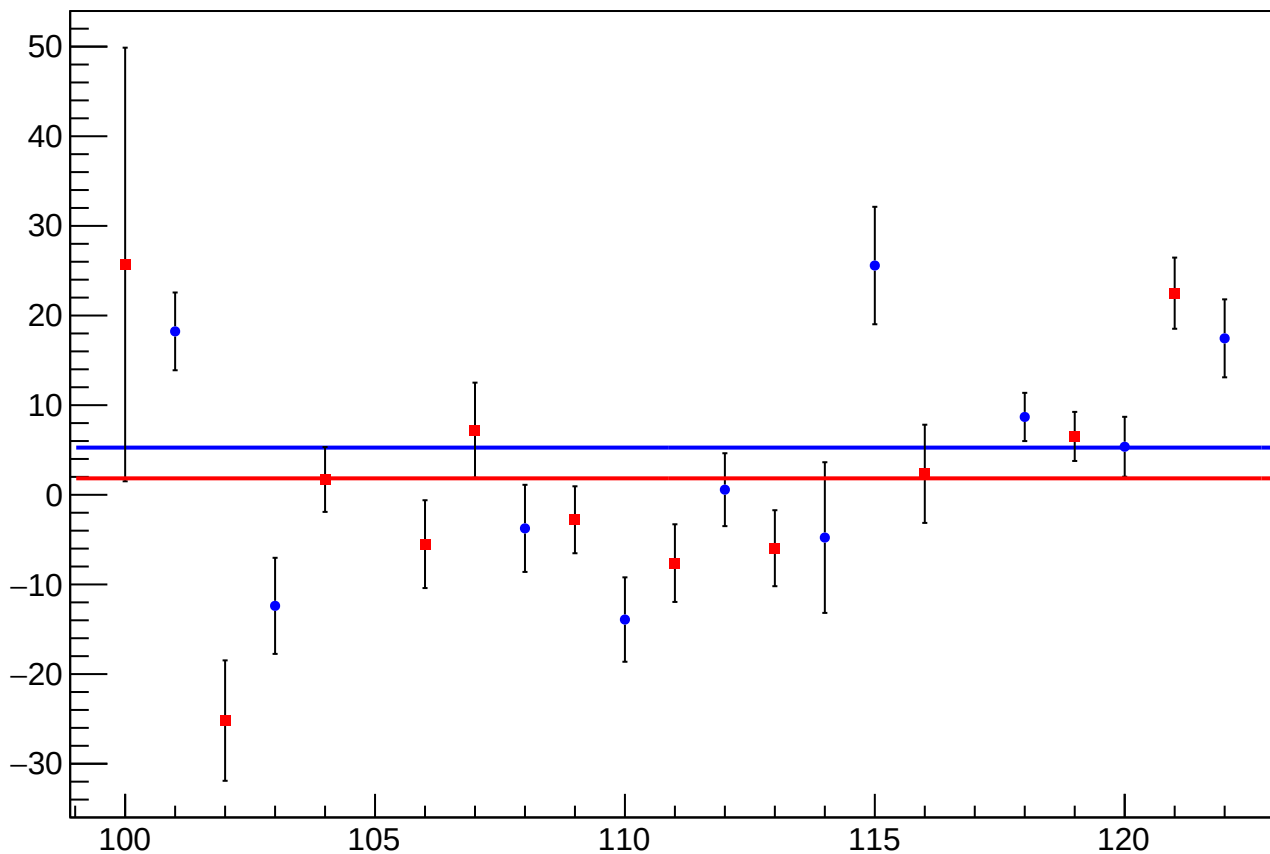
Right: 55.651+/-0.839 χ^2/NDF : 1300.3/20

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

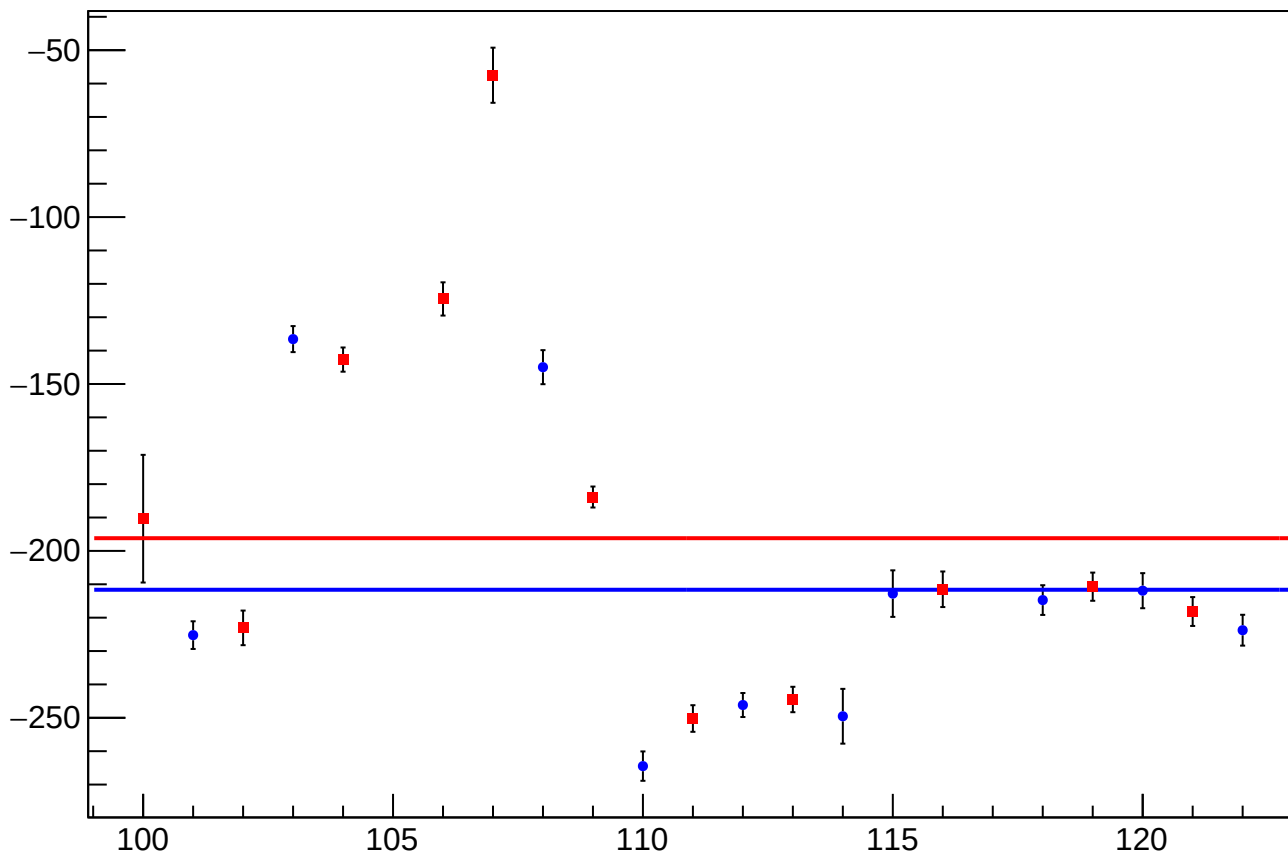
Right: 3.500+/-0.936 χ^2/NDF : 125.1/20

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+/-1.474 χ^2 /NDF: 818.1/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -196.194+/-1.350 χ^2 /NDF: 1140.2/10

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

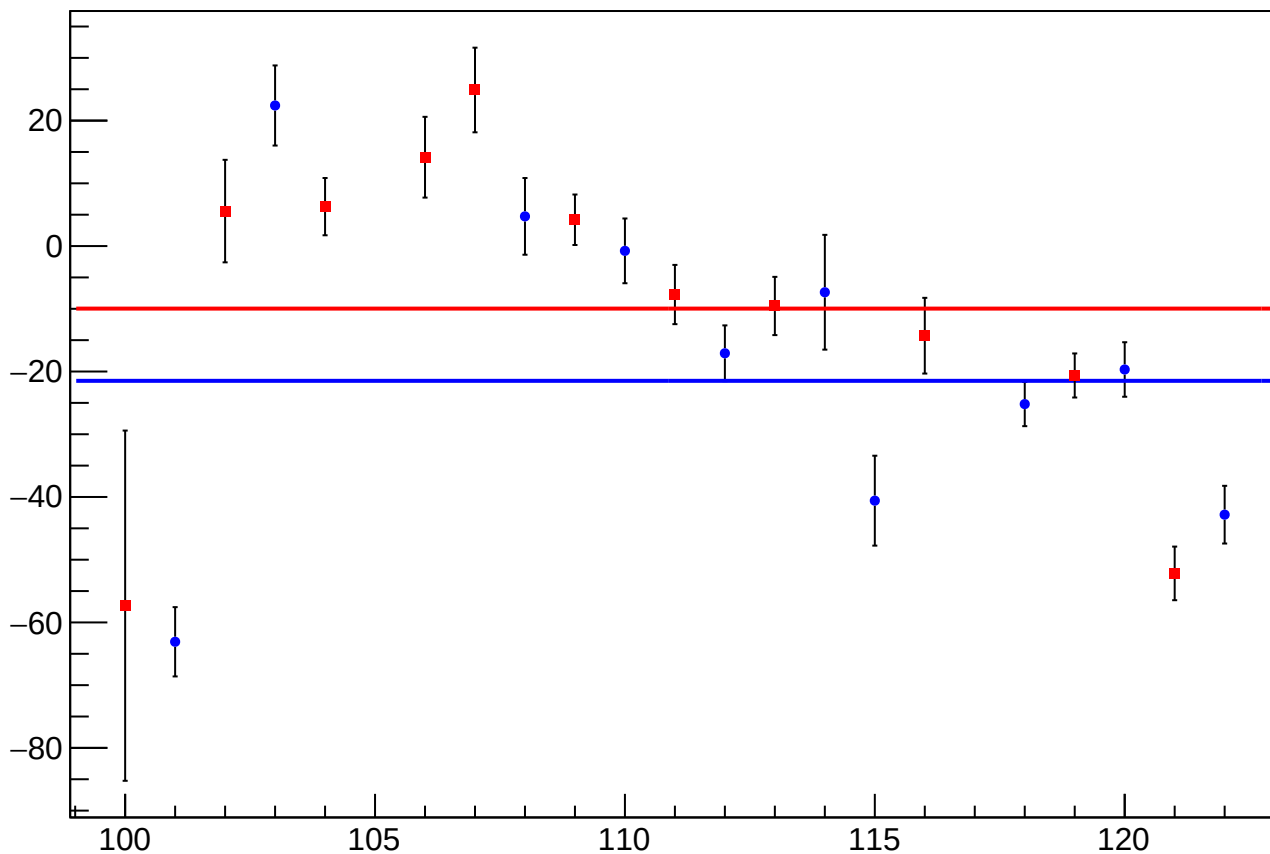
Right: -203.239+/-0.995 χ^2 /NDF: 2018.0/20

In: -211.640+/-1.474 χ^2 /NDF:818.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -203.239+/-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 $\pm$ 1.612 χ^2 /NDF: 171.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.969 $\pm$ 1.531 χ^2 /NDF: 179.8/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

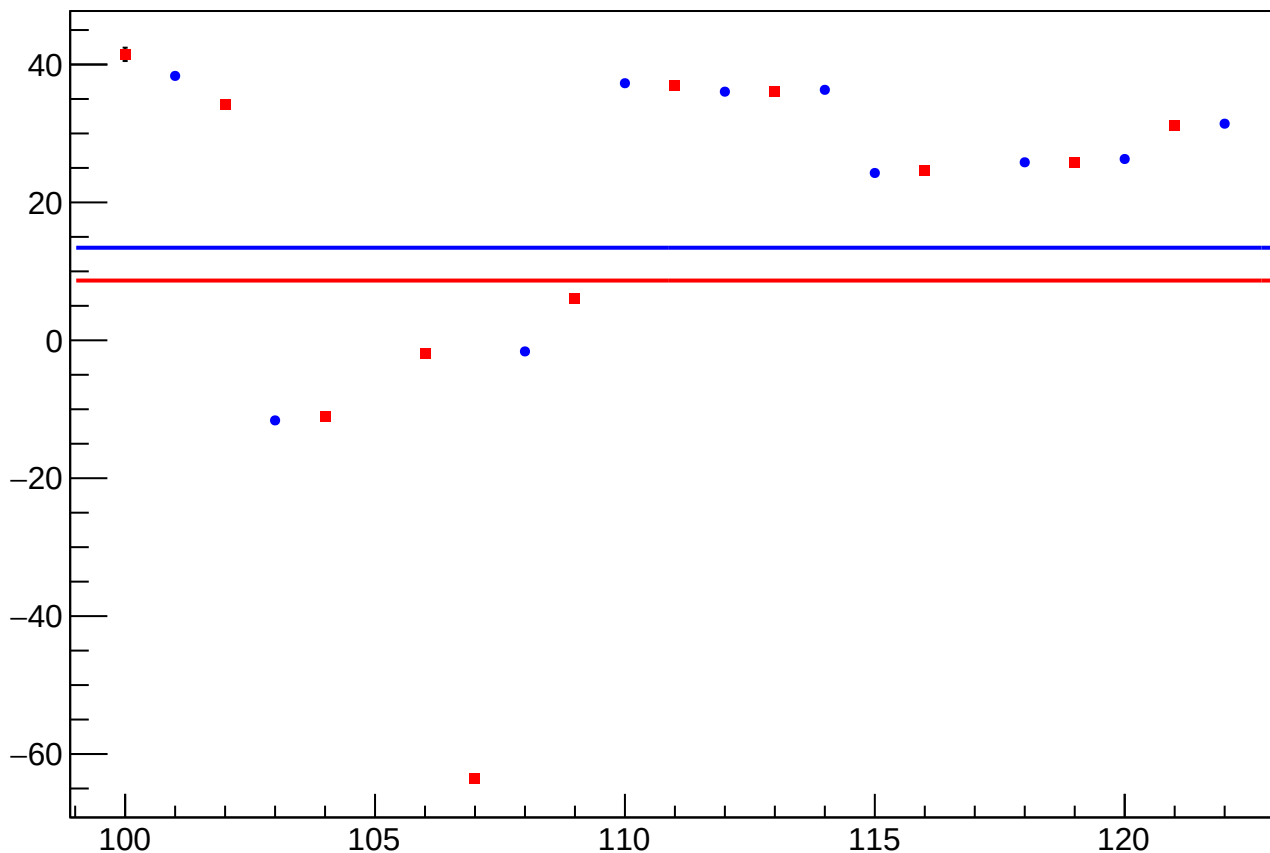
Right: -15.429 $\pm$ 1.110 χ^2 /NDF: 378.4/20

In: -21.485 $\pm$ 1.612 χ^2 /NDF:171.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.429 $\pm$ 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

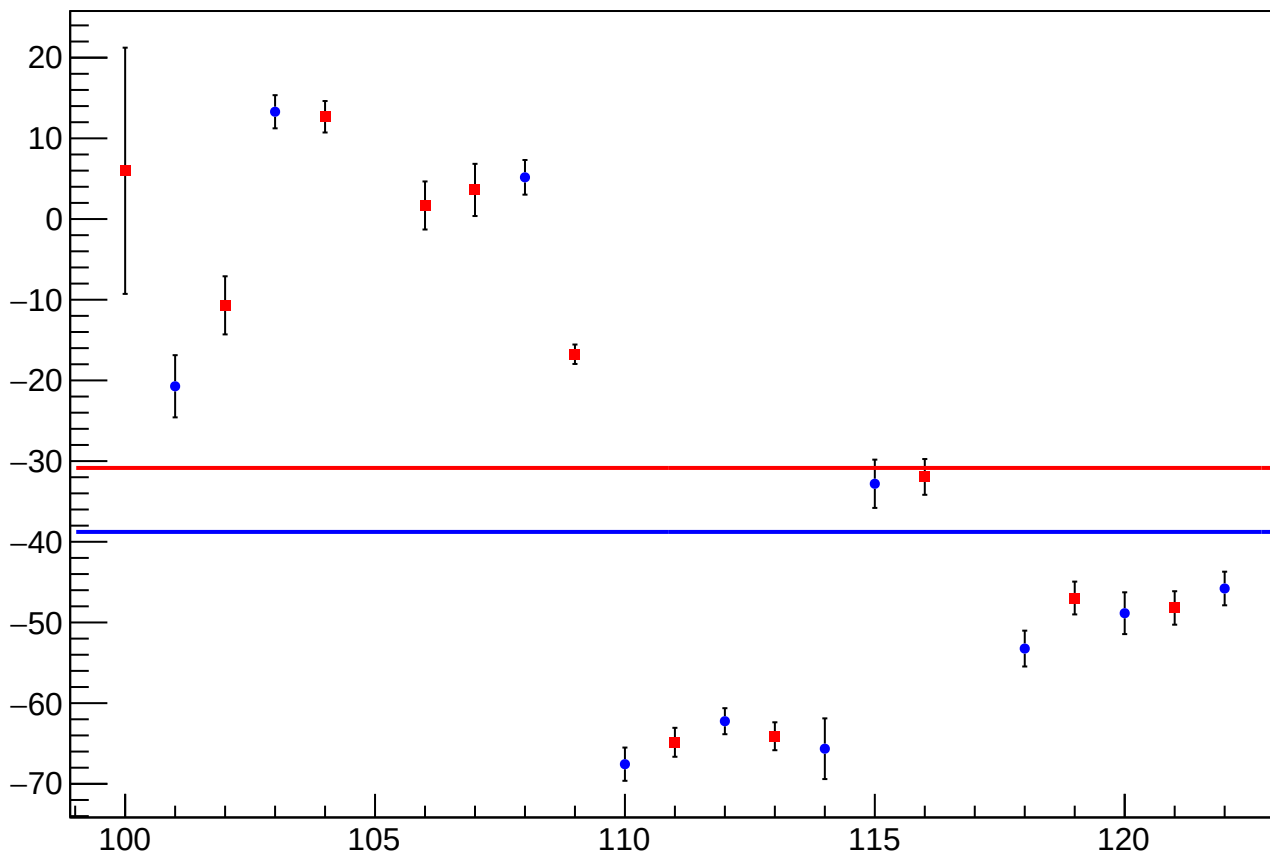
Right: 10.853 $\pm$ 0.060 χ^2/NDF : 158713.0/20

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

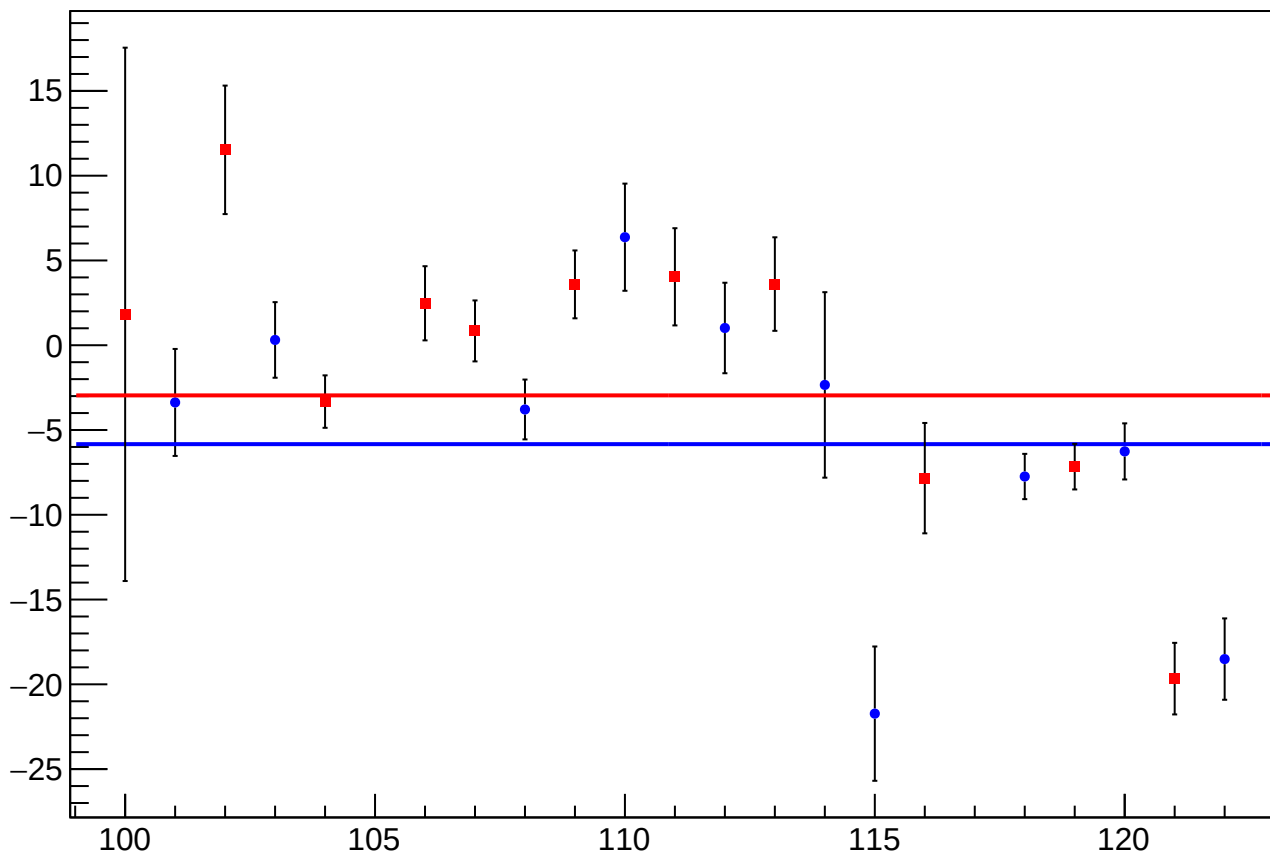
Right: -34.228 $\pm$ 0.473 χ^2 /NDF: 3449.1/20

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+/-0.697 χ^2/NDF : 77.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.958+/-0.648 χ^2/NDF : 122.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

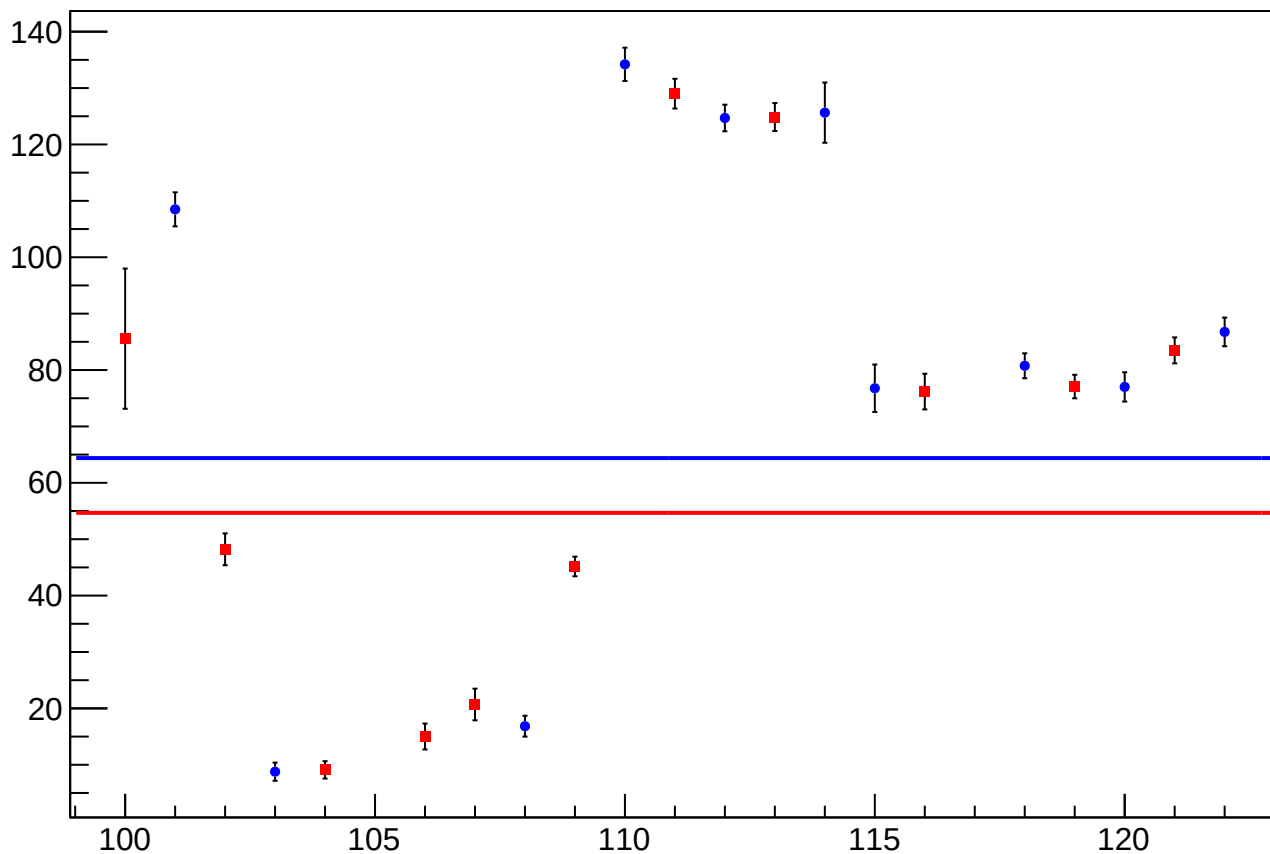
Right: -4.291+/-0.474 χ^2/NDF : 209.1/20

In: -5.834+/-0.697 χ^2/NDF :77.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.291+/-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

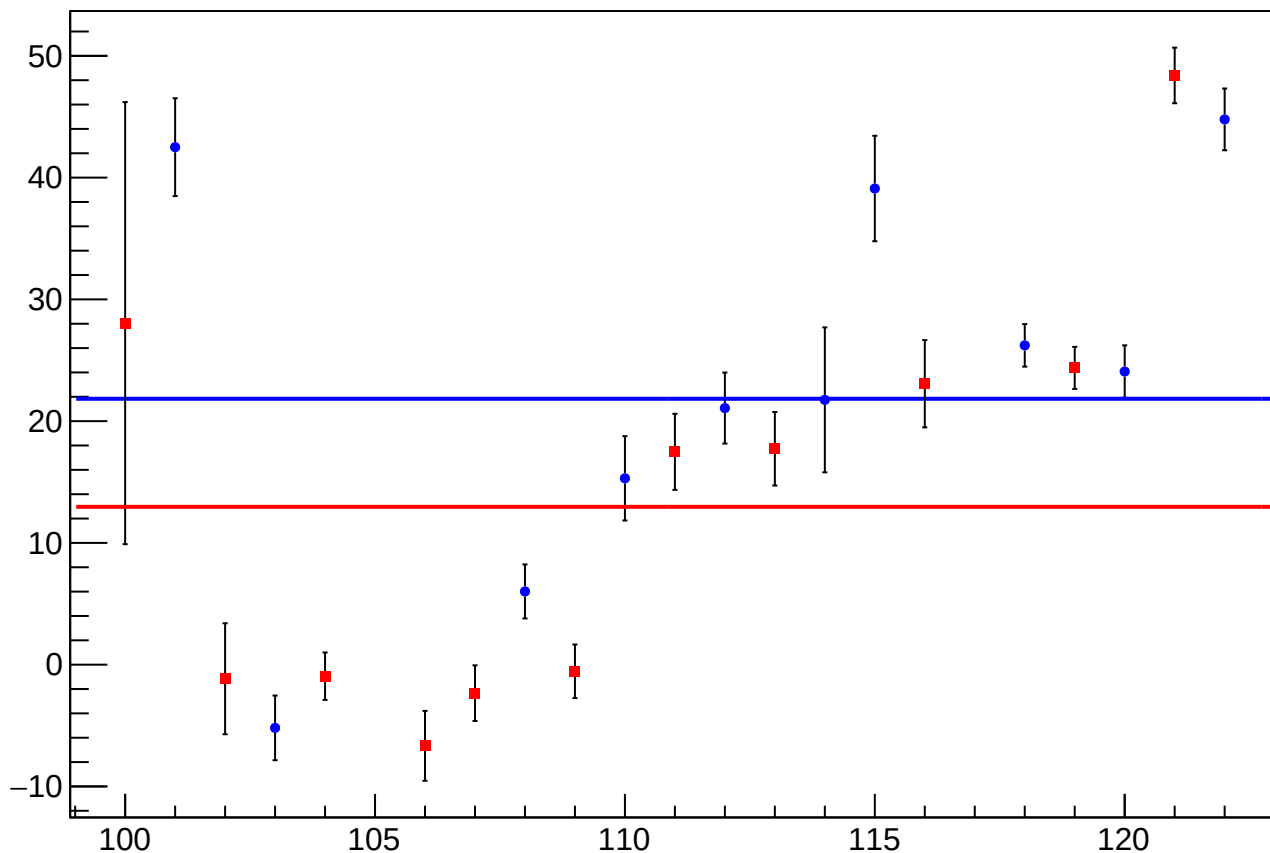
Right: 59.074+/-0.520 χ^2/NDF : 6931.9/20

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

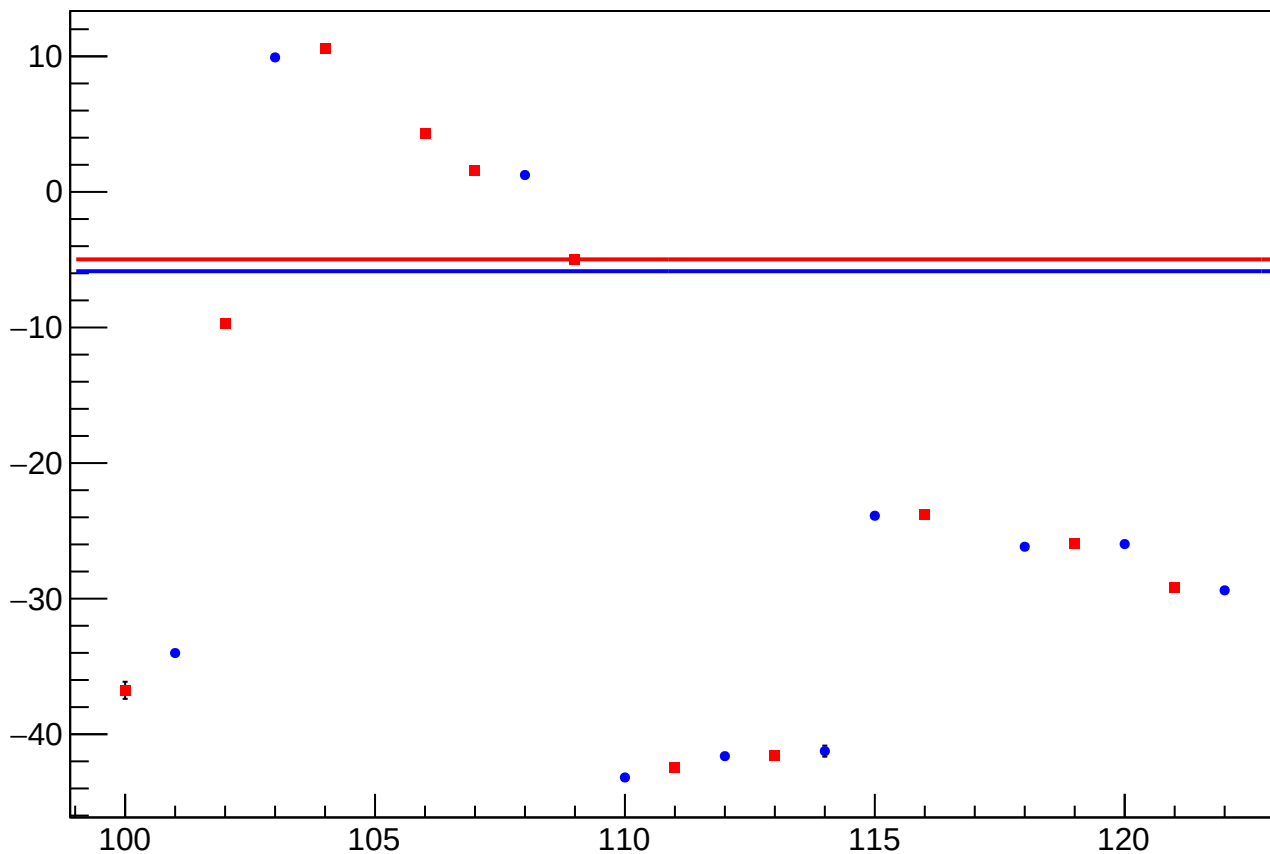
Right: 17.017+/-0.573 χ^2/NDF : 837.0/20

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

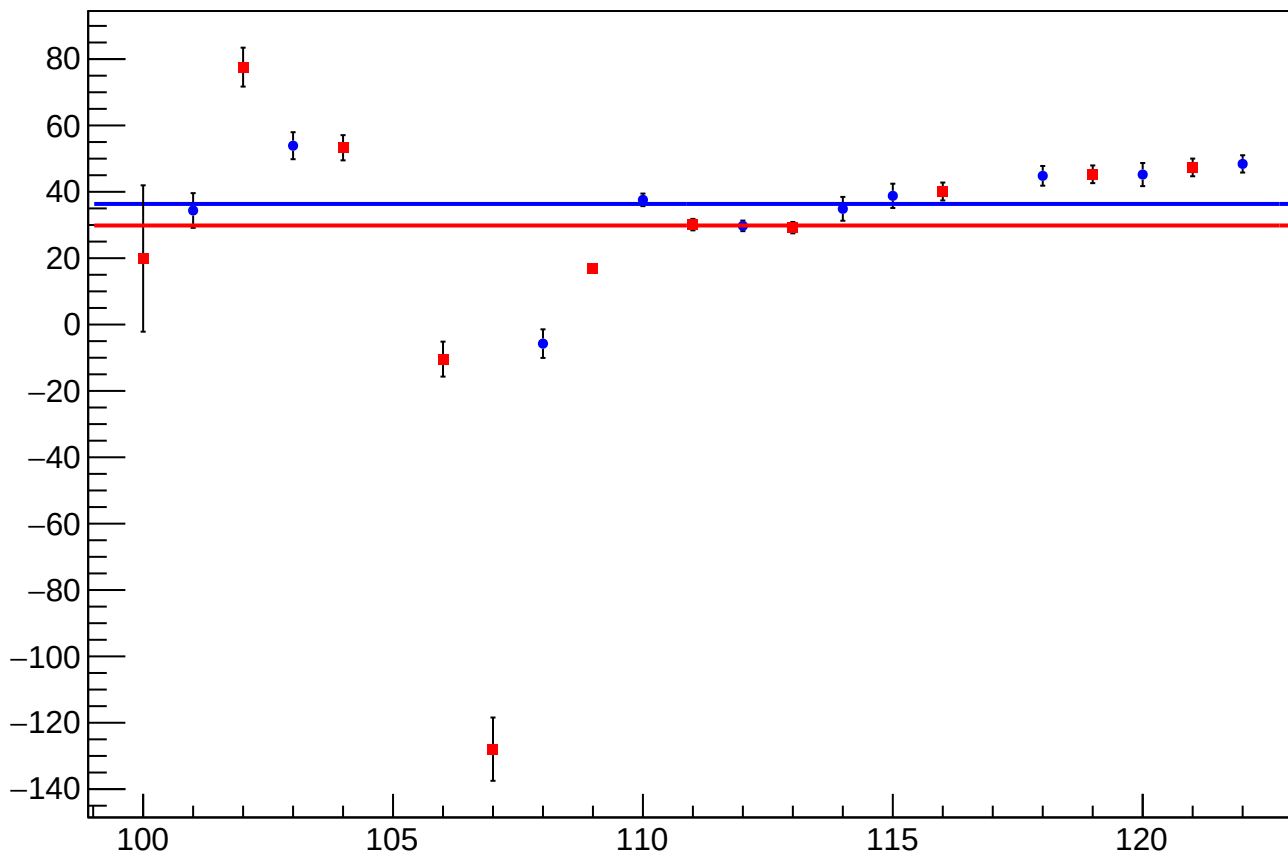
Right: -5.395+/-0.029 χ^2/NDF : 365162.6/20

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

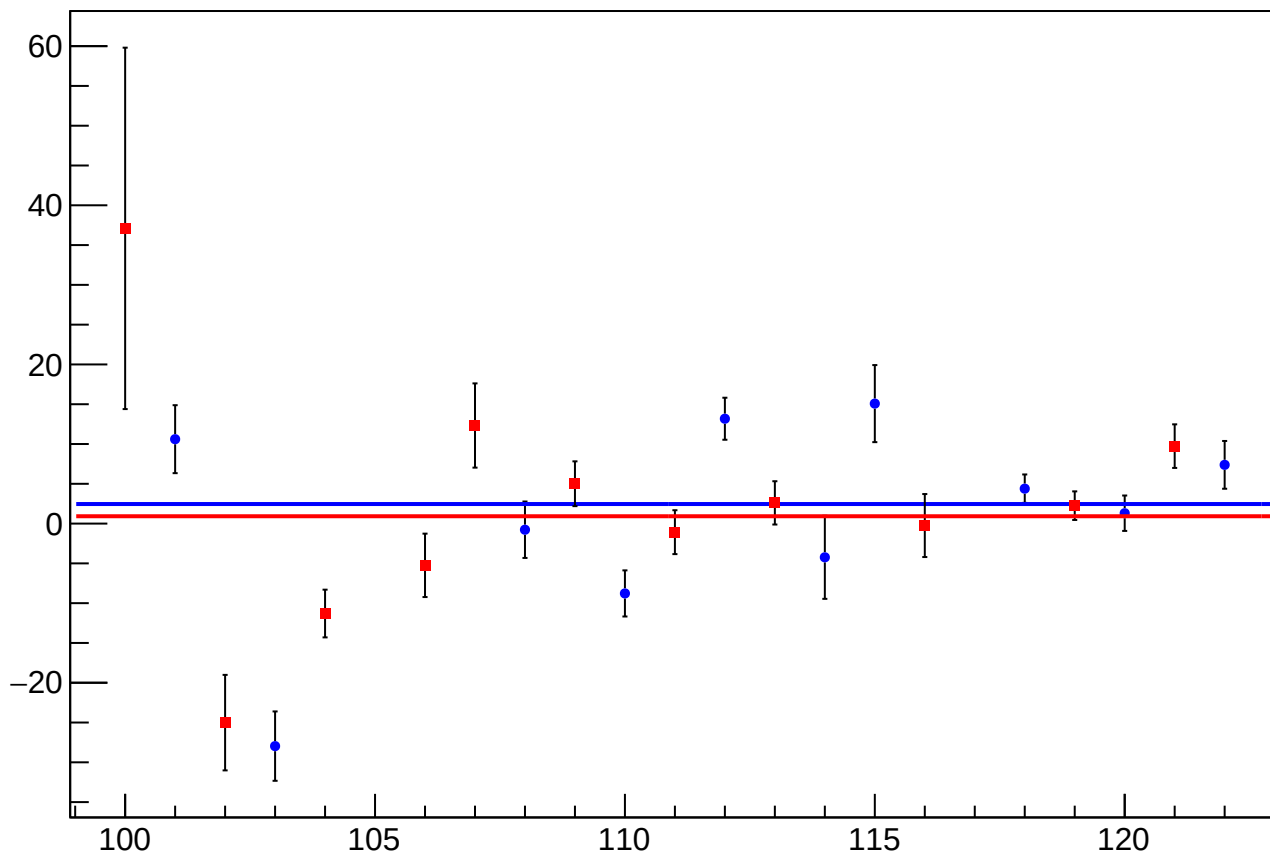
Right: 32.701 $\pm$ 0.577 χ^2 /NDF: 800.9/20

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

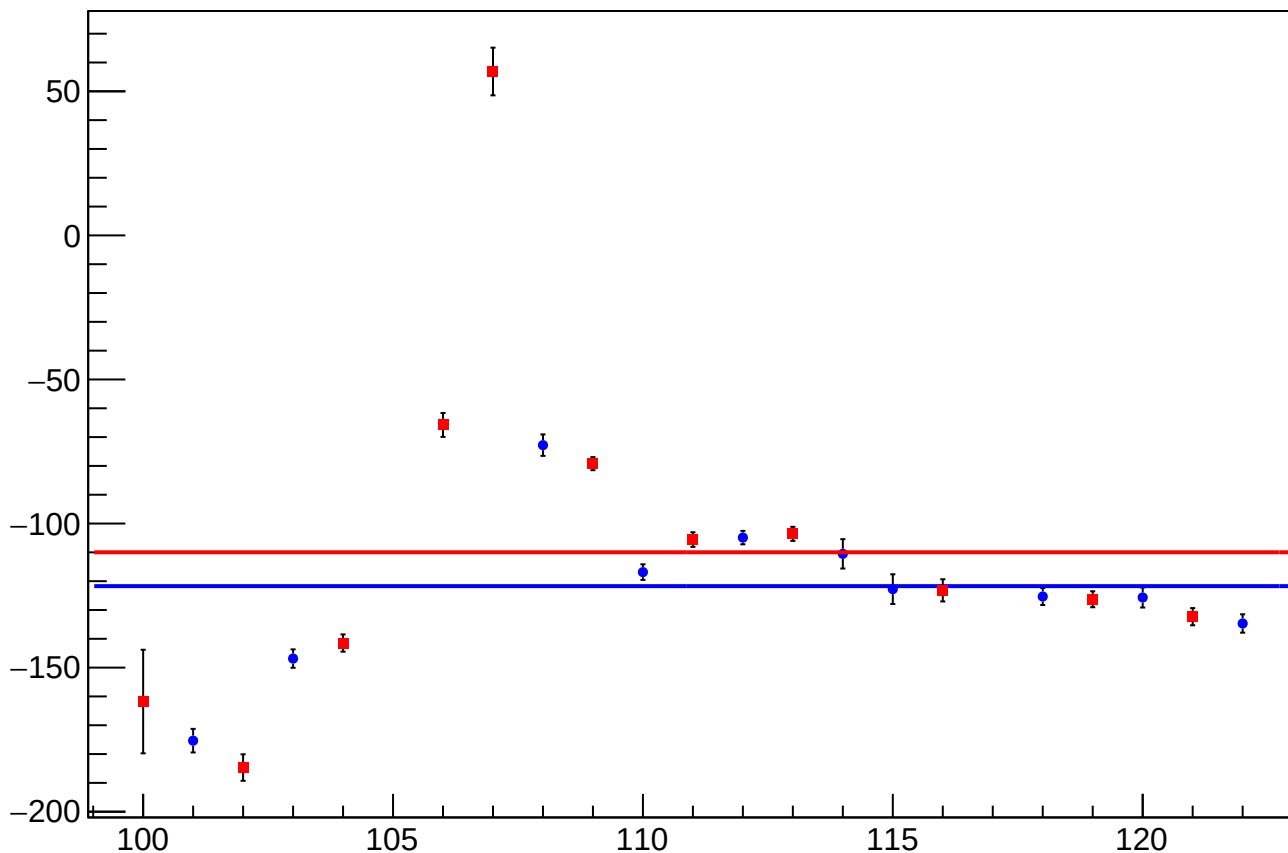
Right: 1.696+/-0.660 χ^2/NDF : 157.5/20

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

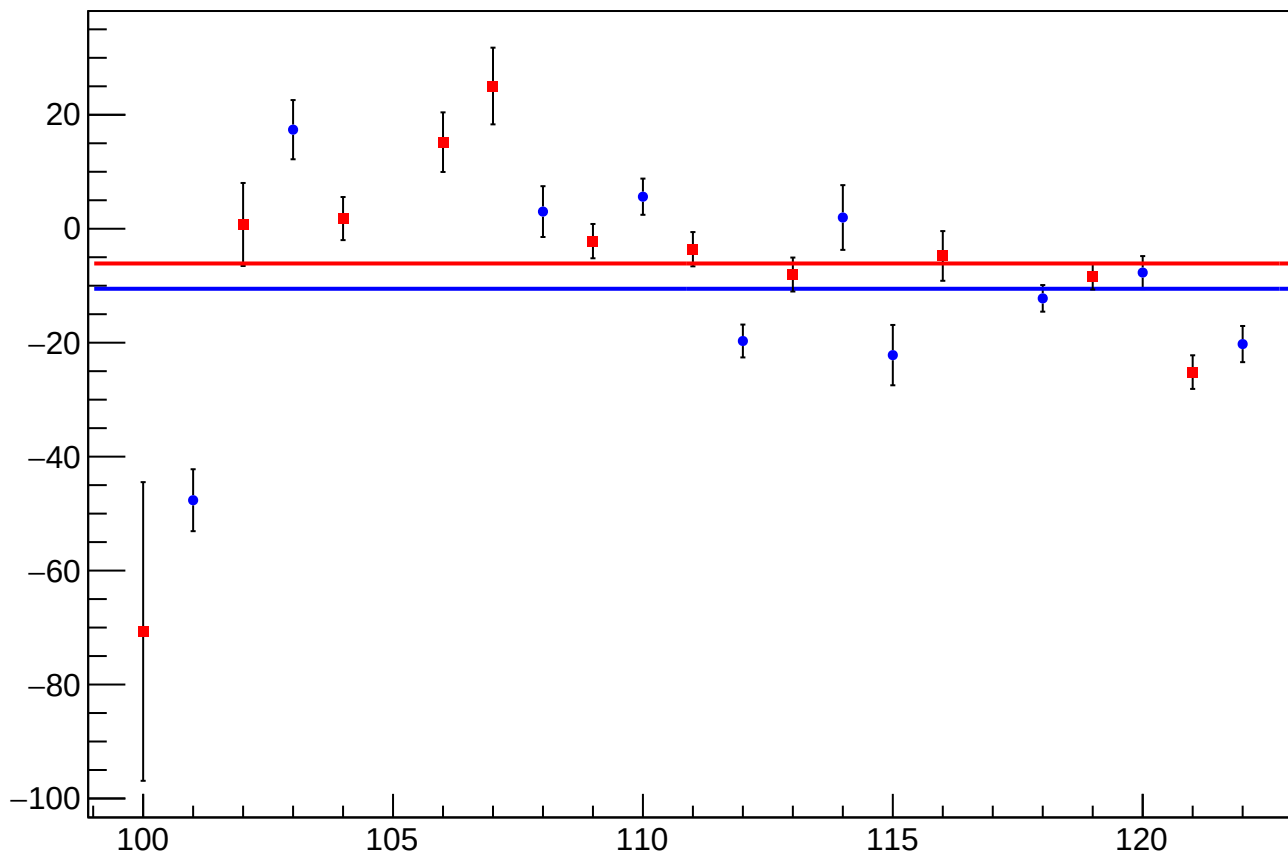
Right: -115.432+/-0.710 χ^2/NDF : 1753.7/20

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

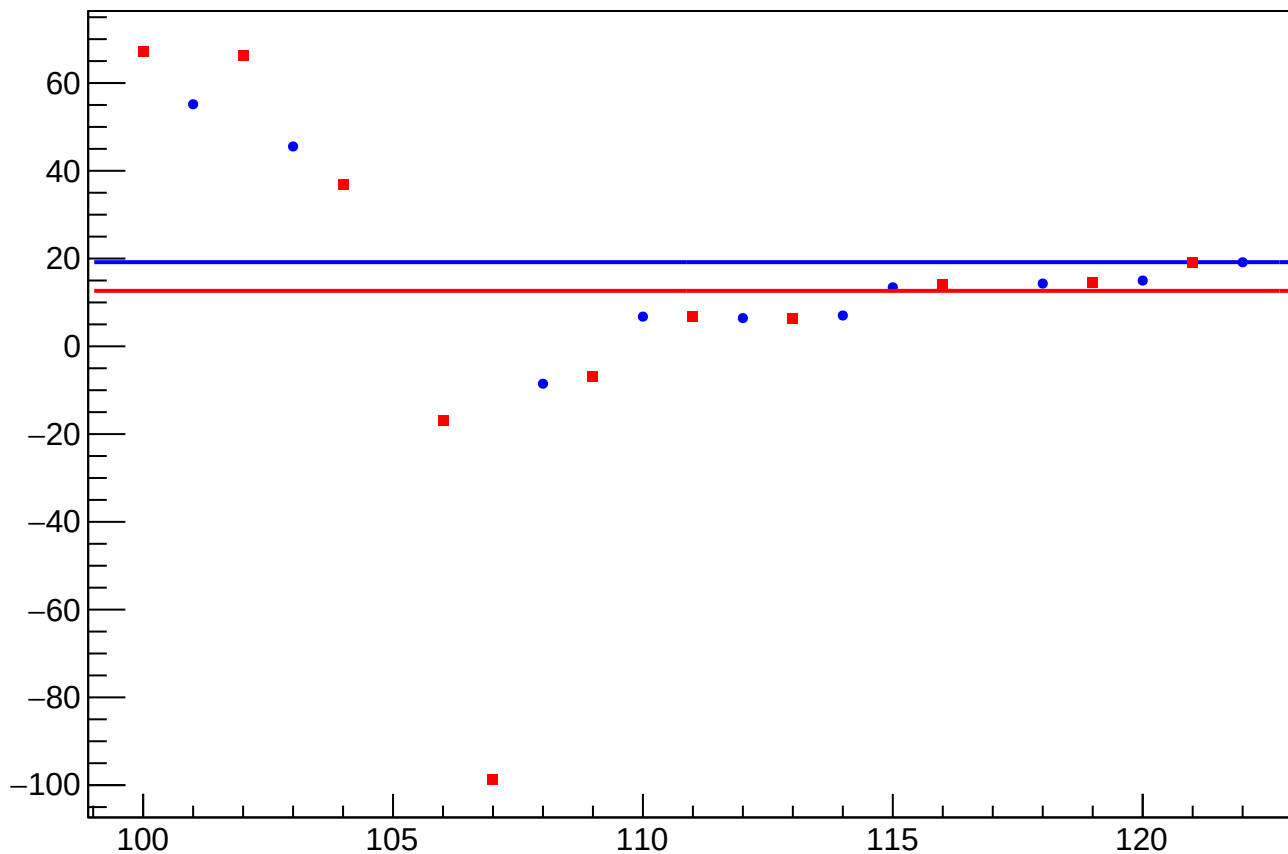
Right: -8.279 ± 0.779 χ^2/NDF : 244.2/20

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 $\pm$ 0.066 χ^2 /NDF: 104024.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.643 $\pm$ 0.064 χ^2 /NDF: 251521.9/10

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

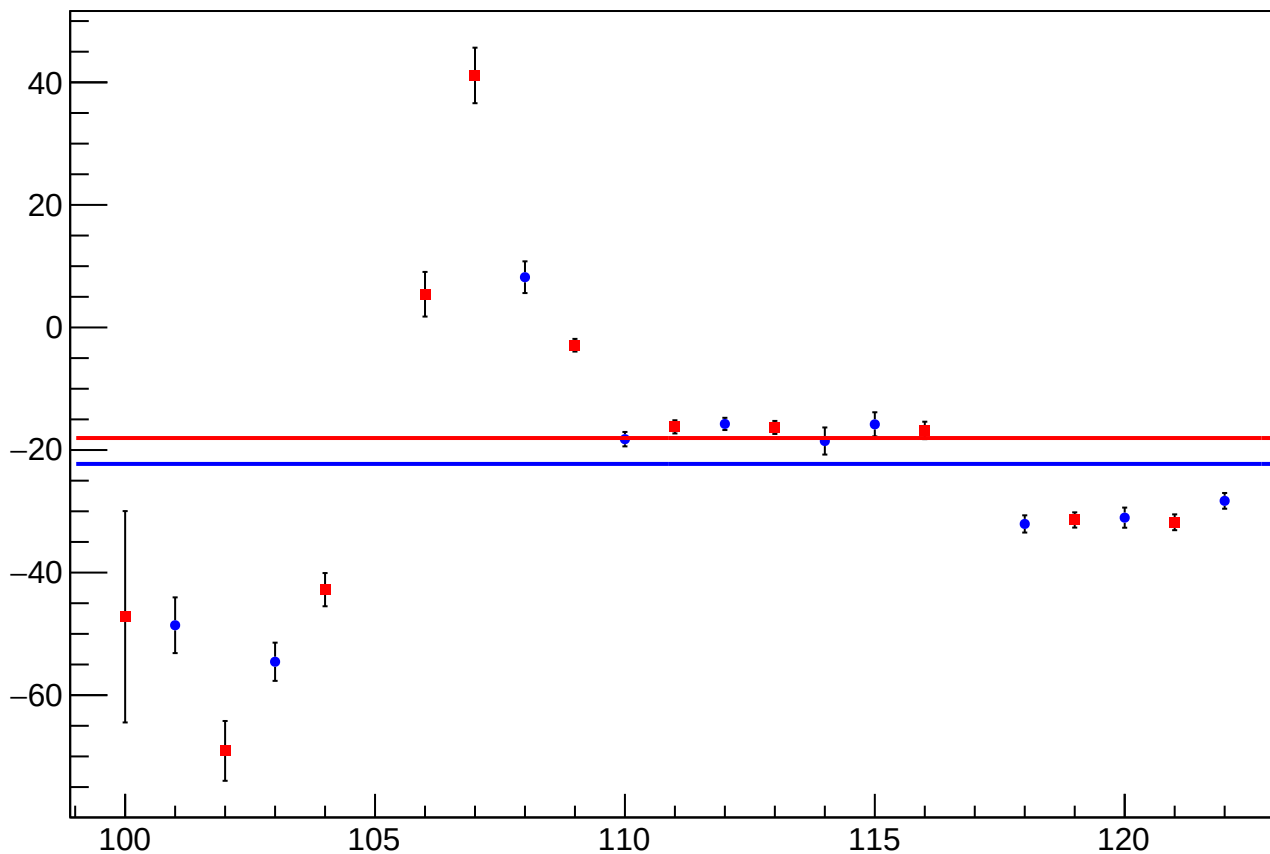
Right: 15.785 $\pm$ 0.046 χ^2 /NDF: 360612.8/20

In: 19.180 $\pm$ 0.066 χ^2 /NDF:104024.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.785 $\pm$ 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

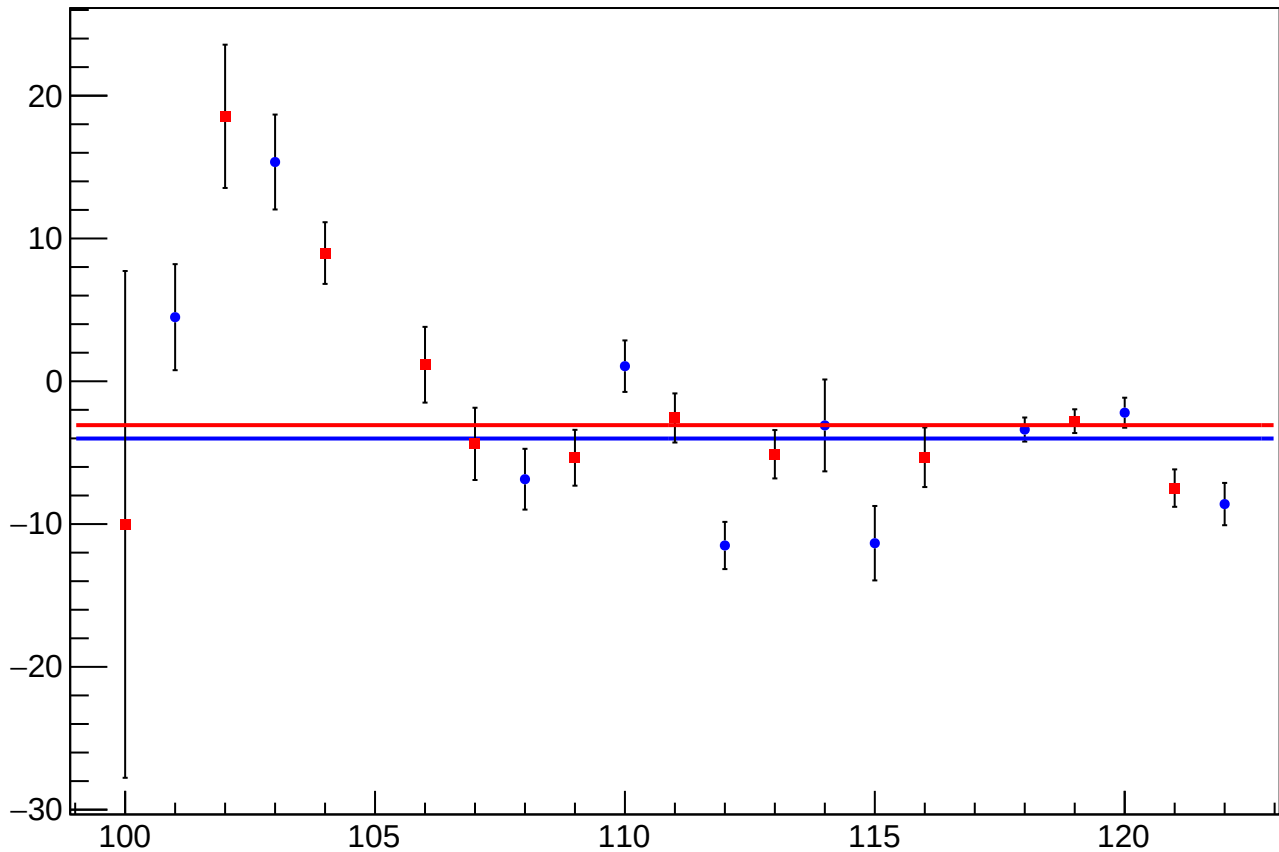
Right: -19.971+/-0.339 χ^2/NDF : 1342.2/20

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

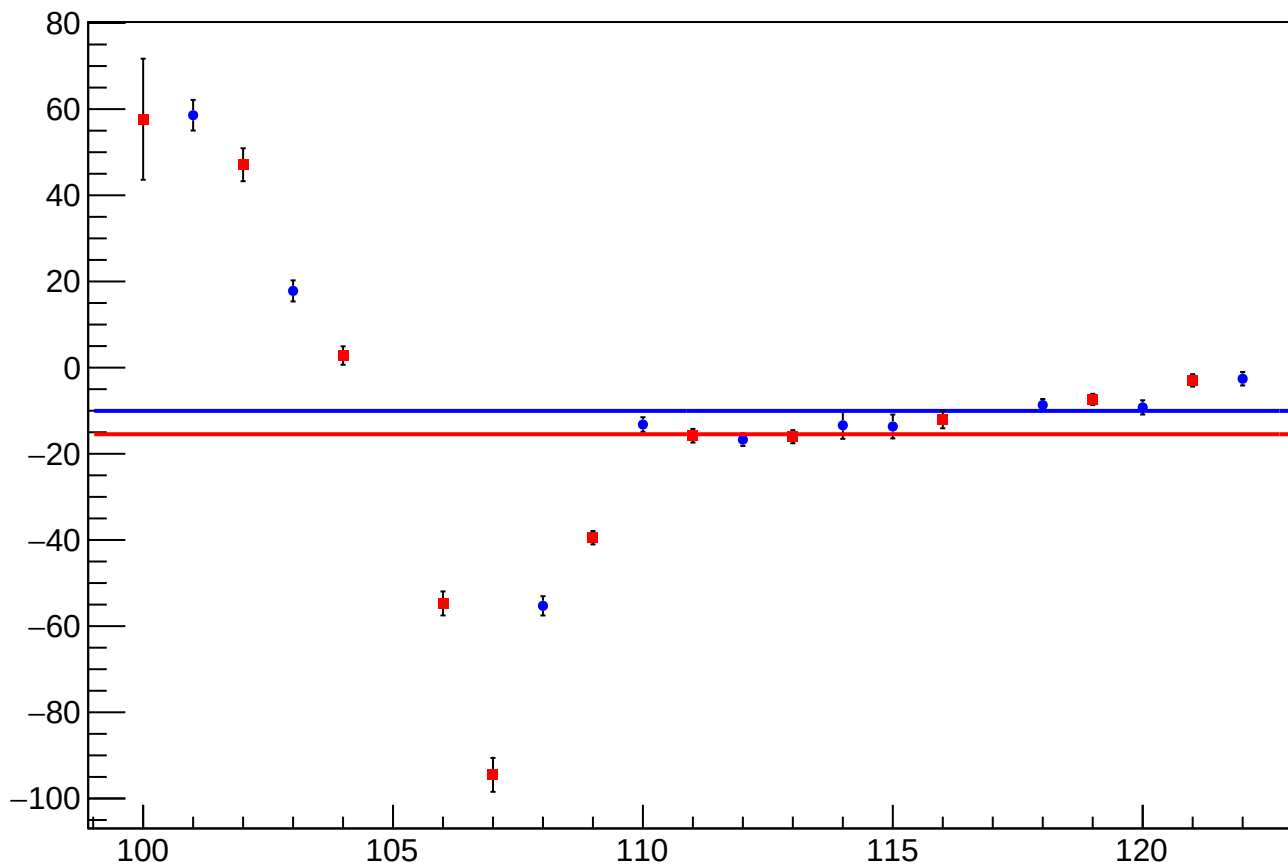
Right: -3.559 ± 0.357 χ^2/NDF : 160.4/20

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

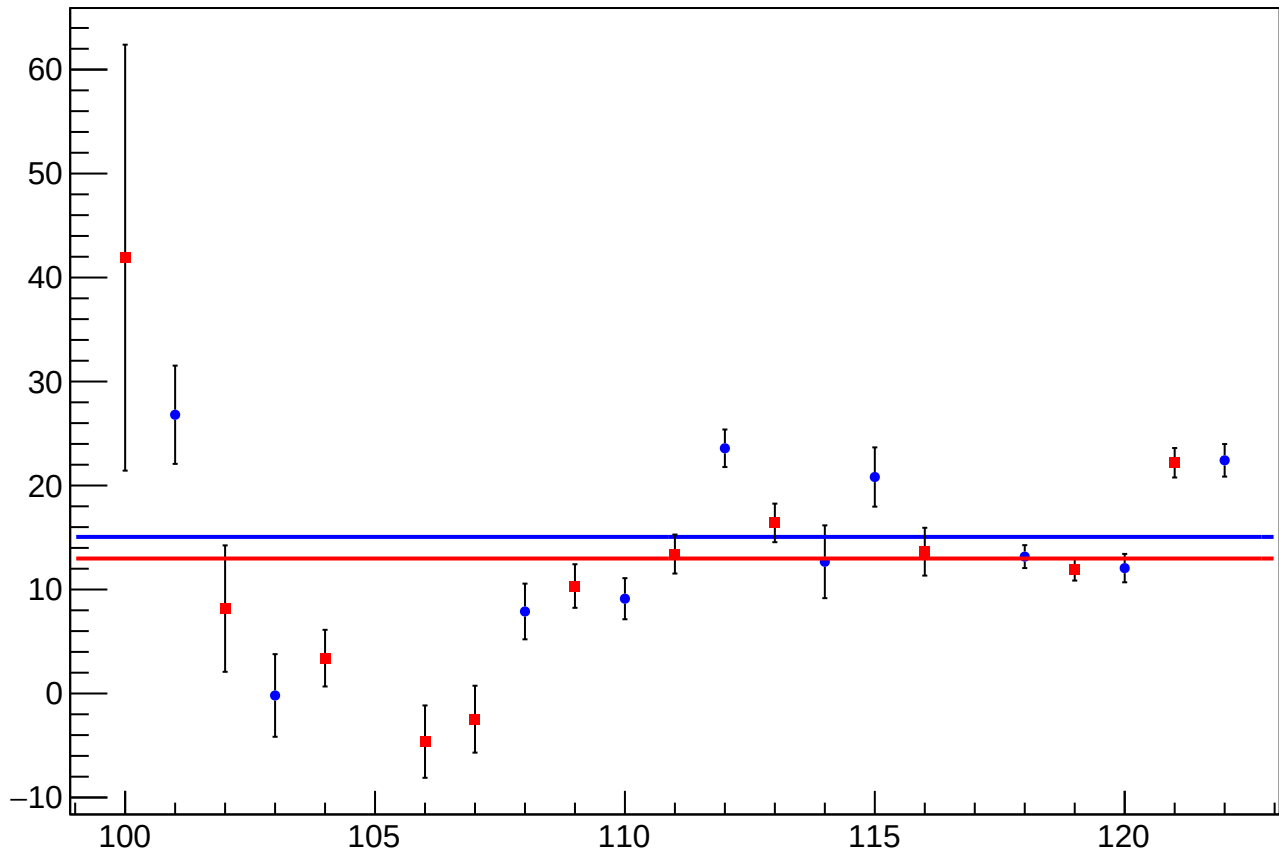
Right: -12.882 $\pm$ 0.413 χ^2 /NDF: 2333.3/20

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

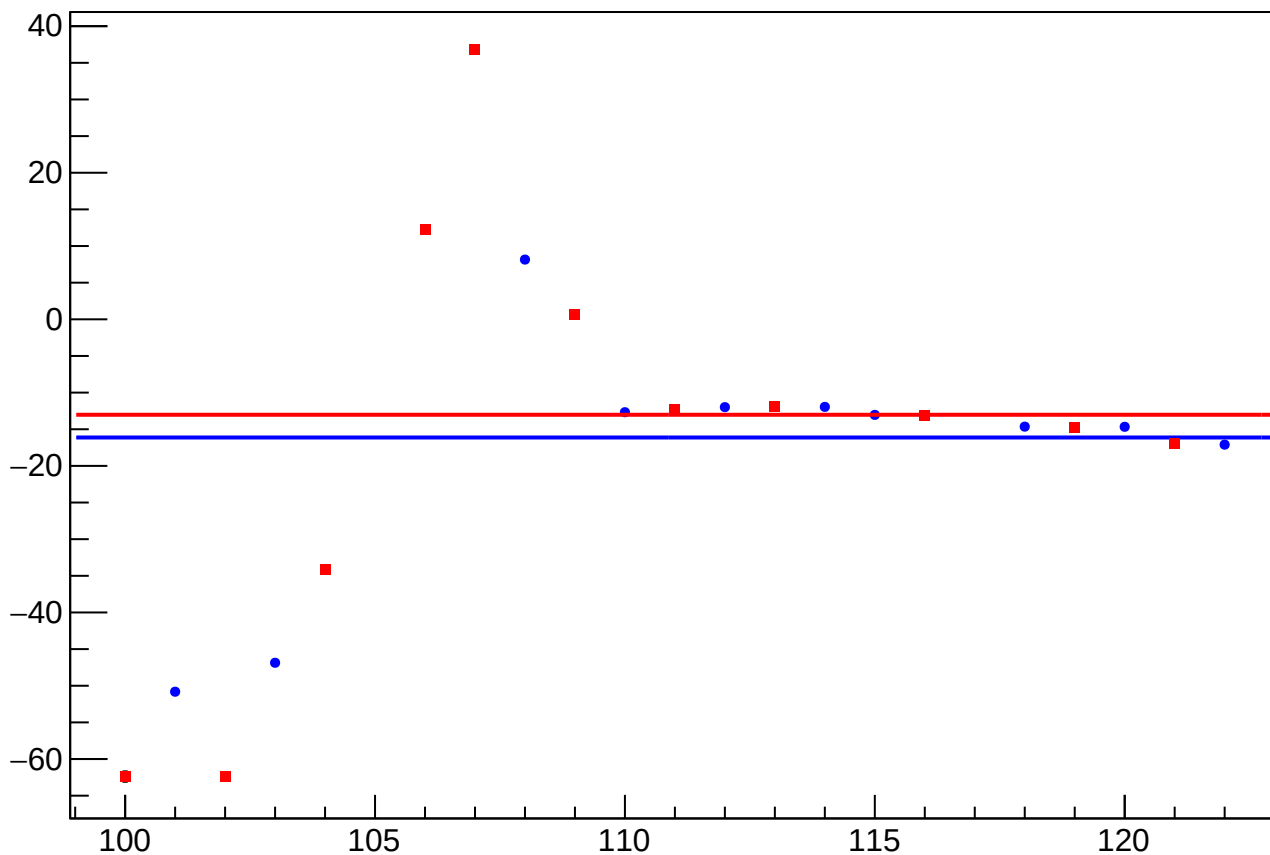
Right: 14.033+/-0.427 χ^2/NDF : 211.9/20

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 $\pm$ 0.040 χ^2 /NDF: 190519.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.026 $\pm$ 0.039 χ^2 /NDF: 278335.6/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

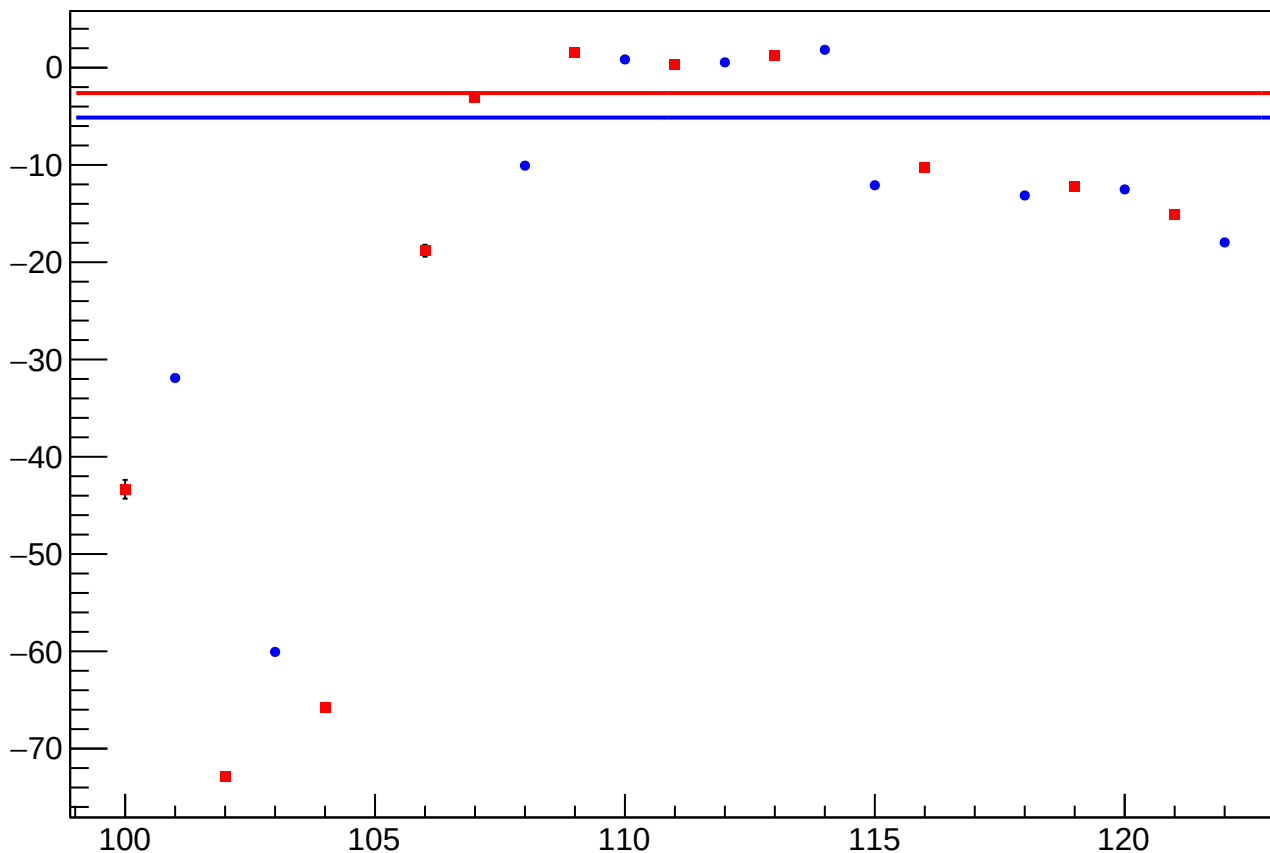
Right: -14.543 $\pm$ 0.028 χ^2 /NDF: 471890.8/20

In: -16.125 $\pm$ 0.040 χ^2 /NDF:190519.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.543 $\pm$ 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: -2.608+/-0.052 χ^2/NDF : 52755.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

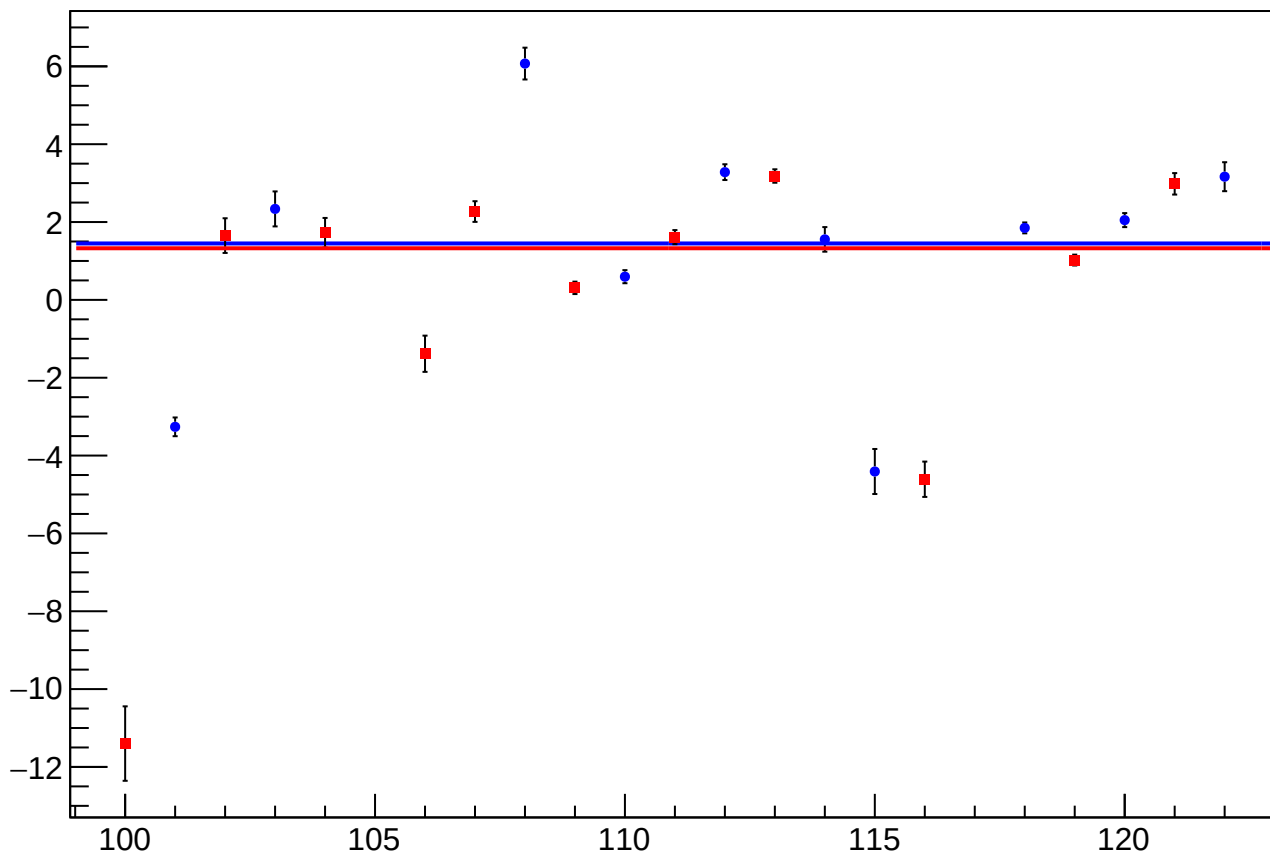
Right: -3.599+/-0.041 χ^2/NDF : 88079.6/20

In: -5.130+/-0.065 χ^2/NDF :34402.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.599+/-0.041 χ^2/NDF : 88079.6/20

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: 1.326+/-0.070 χ^2/NDF : 595.8/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

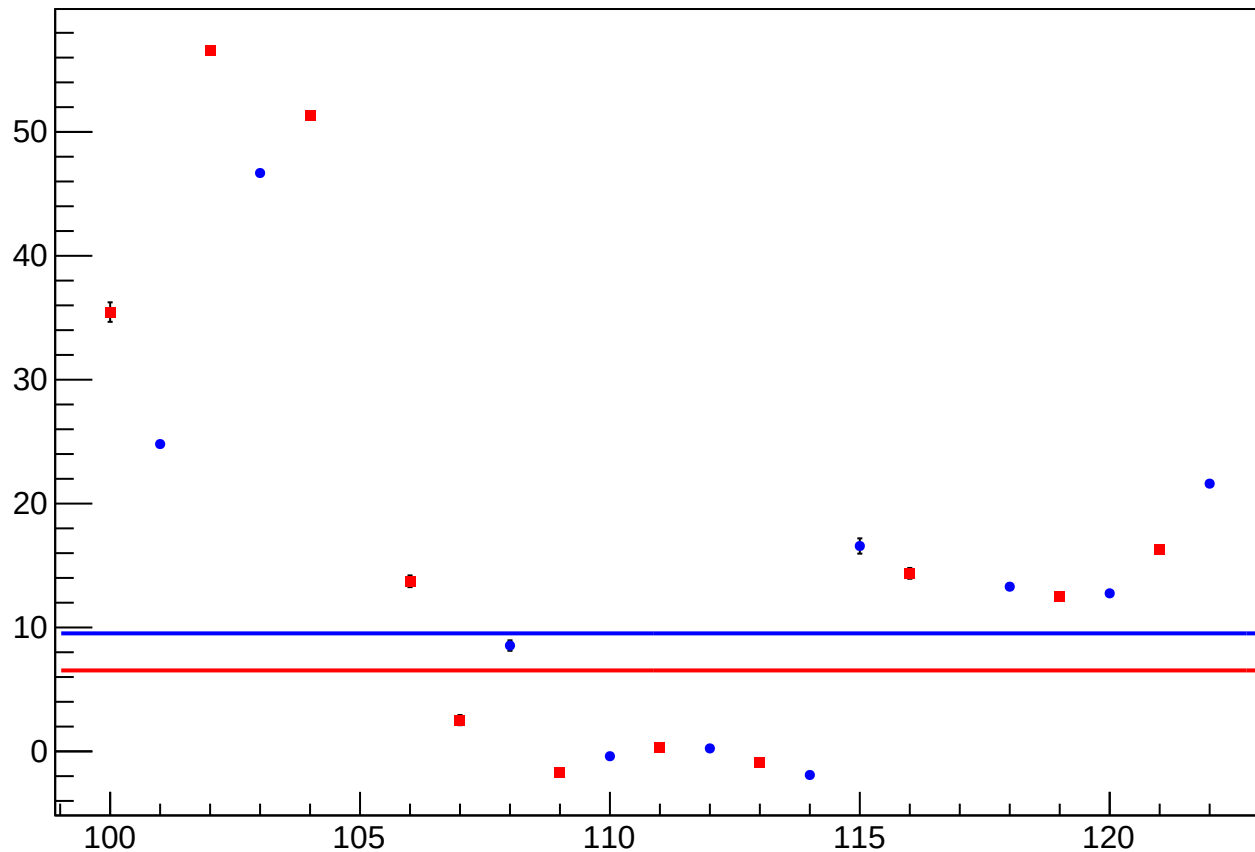
Right: 1.386+/-0.050 χ^2/NDF : 1363.7/20

In: 1.449+/-0.073 χ^2/NDF : 766.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.386+/-0.050 χ^2/NDF : 1363.7/20

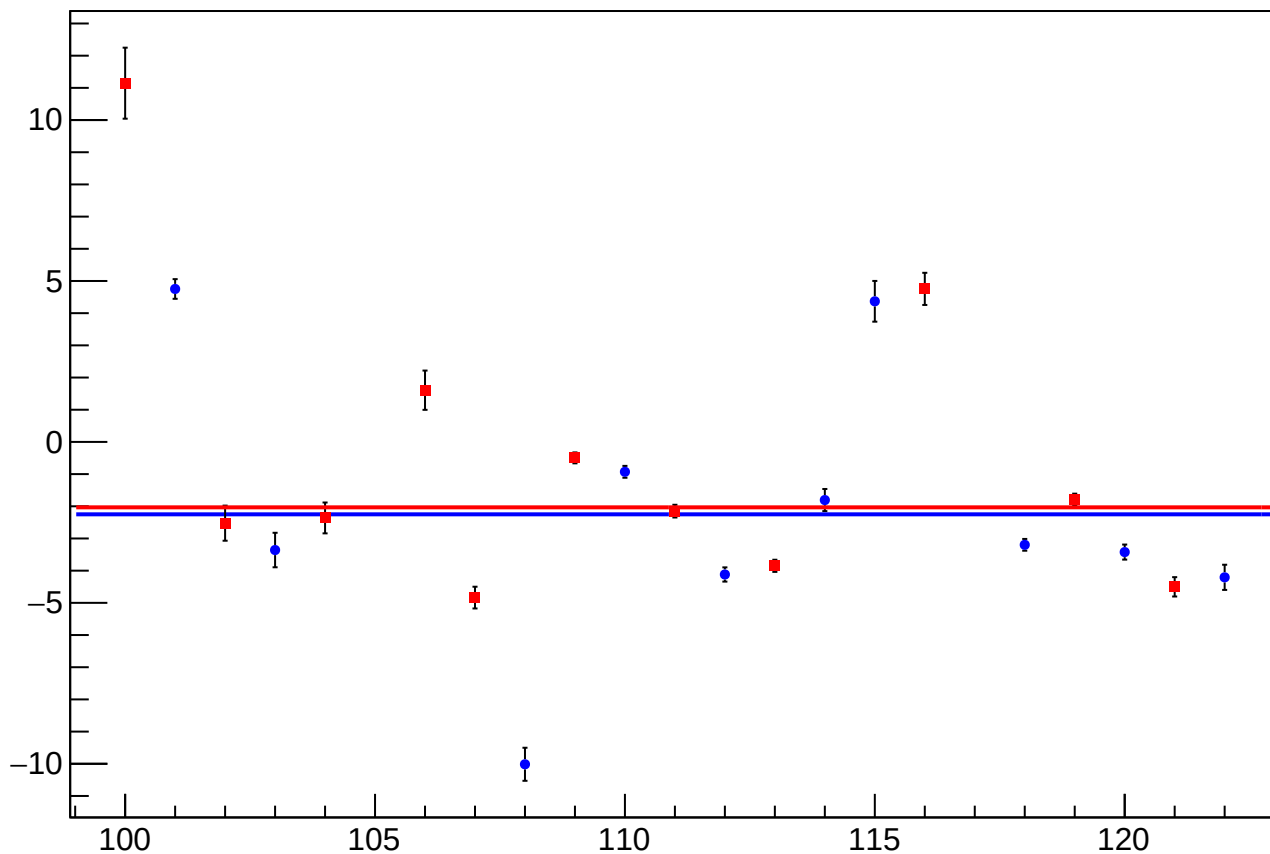
reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 6.533+/-0.070 χ^2/NDF : 45343.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.834+/-0.053 χ^2/NDF : 72081.1/20
 In: 9.525+/-0.080 χ^2/NDF : 25950.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.834+/-0.053 χ^2/NDF : 72081.1/20

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: -2.033+/-0.080 χ^2/NDF : 677.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

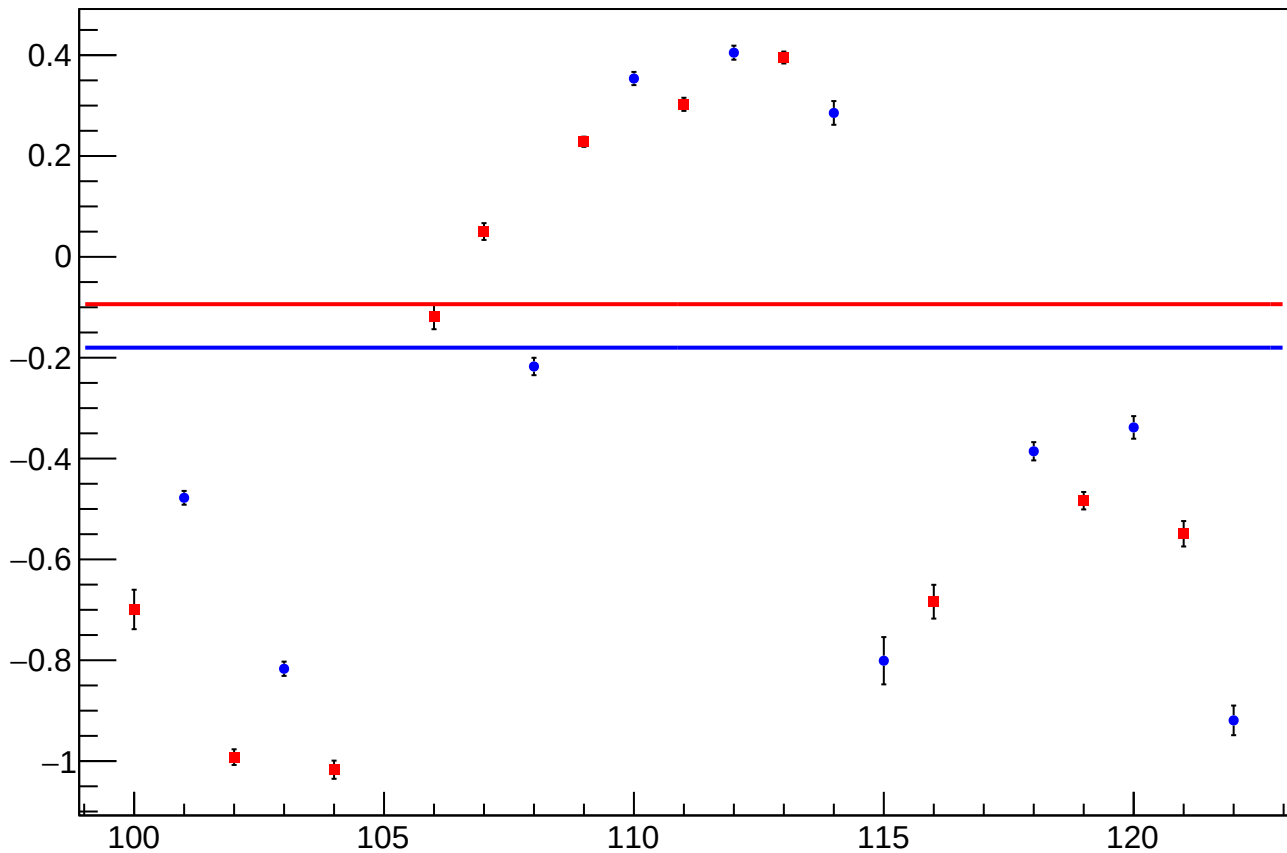
Right: -2.133+/-0.059 χ^2/NDF : 1750.2/20

In: -2.250+/-0.087 χ^2/NDF : 1069.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.133+/-0.059 χ^2/NDF : 1750.2/20

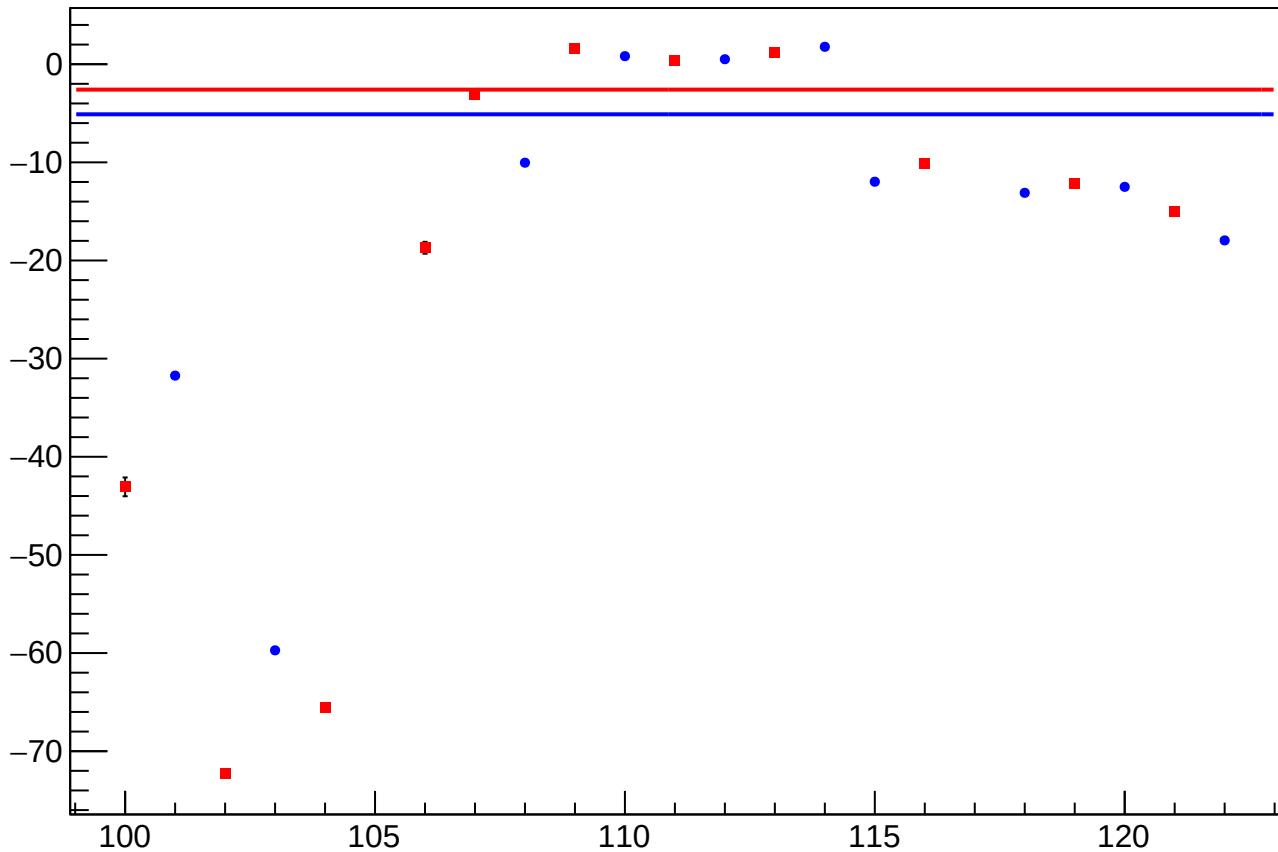
reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.094 ± 0.005 χ^2/NDF : 11087.6/10
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.132 ± 0.004 χ^2/NDF : 18543.1/20
 In: -0.180 ± 0.005 χ^2/NDF : 7317.8/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.132 ± 0.004 χ^2/NDF : 18543.1/20

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: -2.591+/-0.052 χ^2/NDF : 52725.7/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

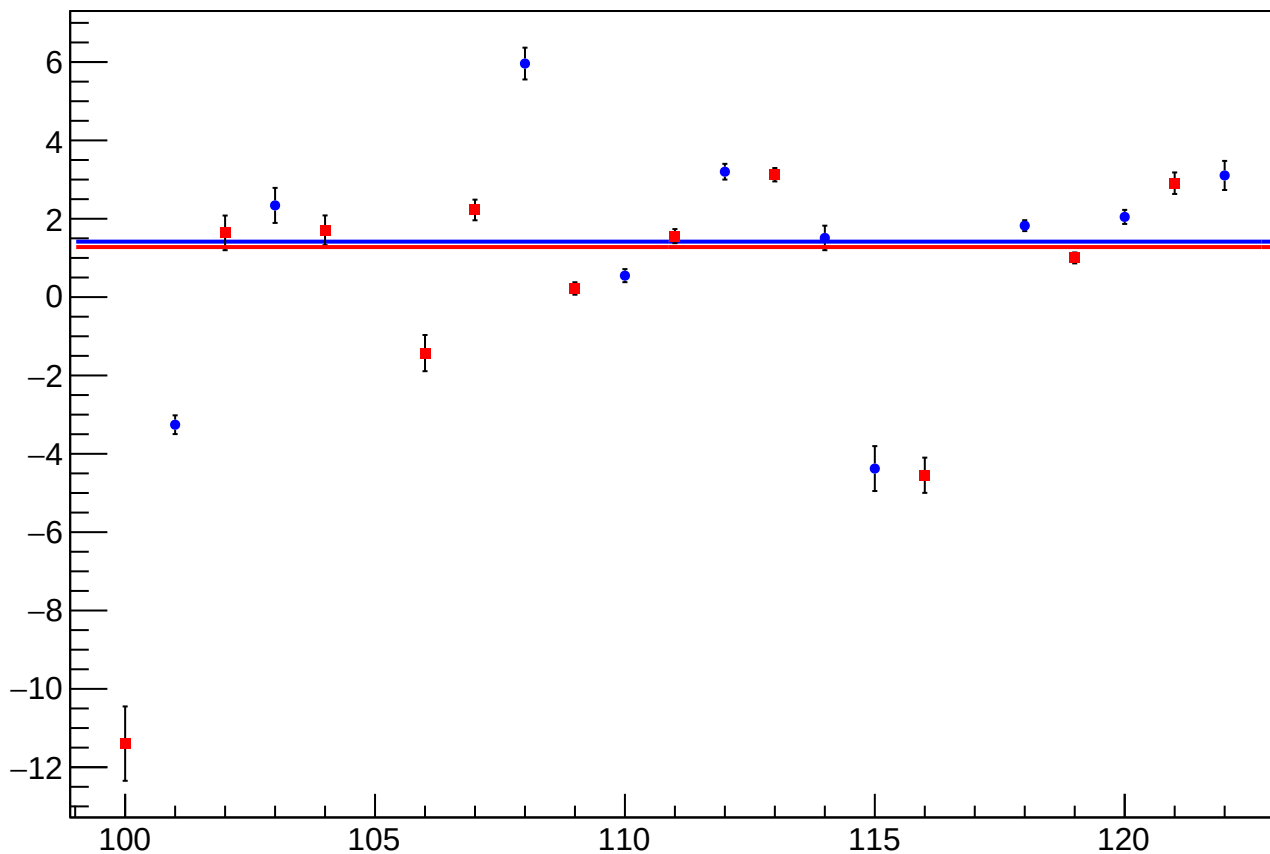
Right: -3.578+/-0.040 χ^2/NDF : 88035.6/20

In: -5.105+/-0.064 χ^2/NDF :34380.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.578+/-0.040 χ^2/NDF : 88035.6/20

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: 1.277+/-0.070 χ^2/NDF : 598.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

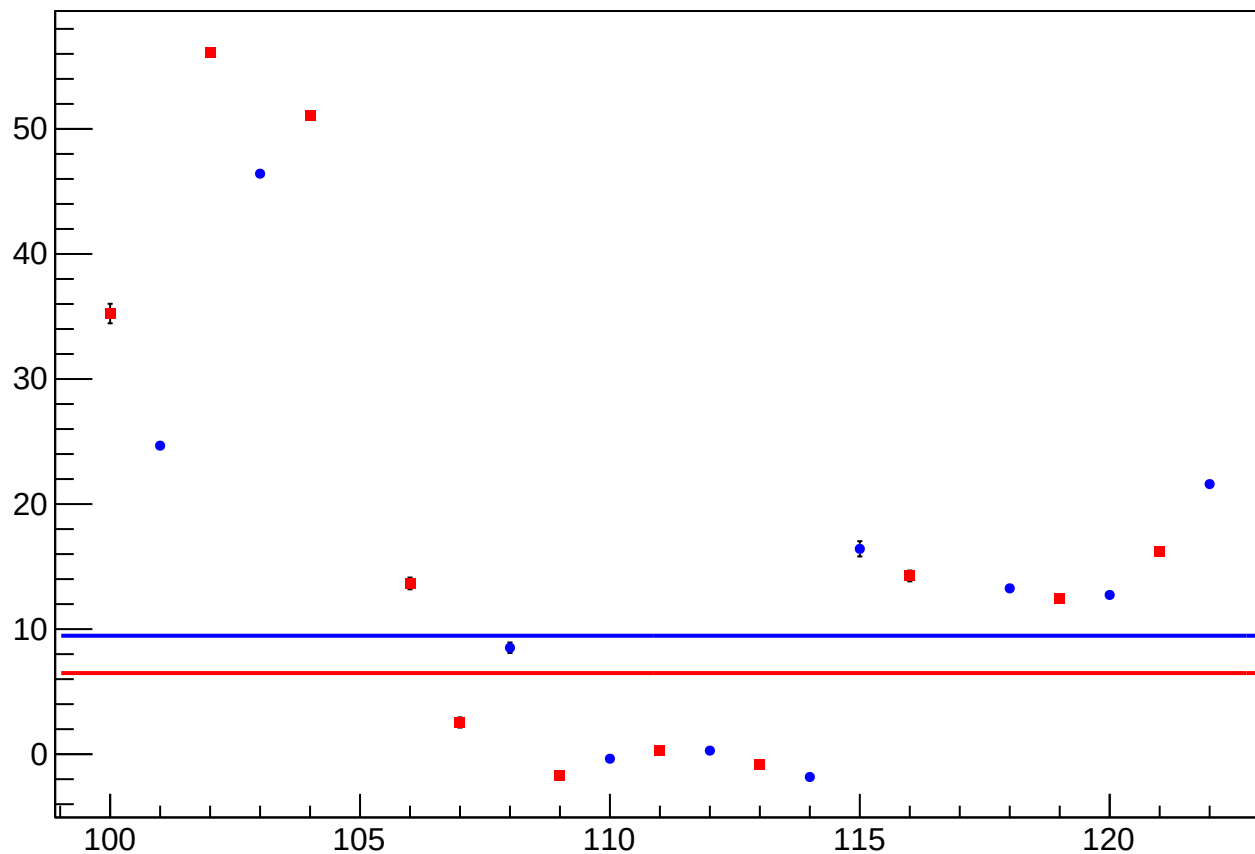
Right: 1.344+/-0.050 χ^2/NDF : 1361.4/20

In: 1.416+/-0.072 χ^2/NDF : 761.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.344+/-0.050 χ^2/NDF : 1361.4/20

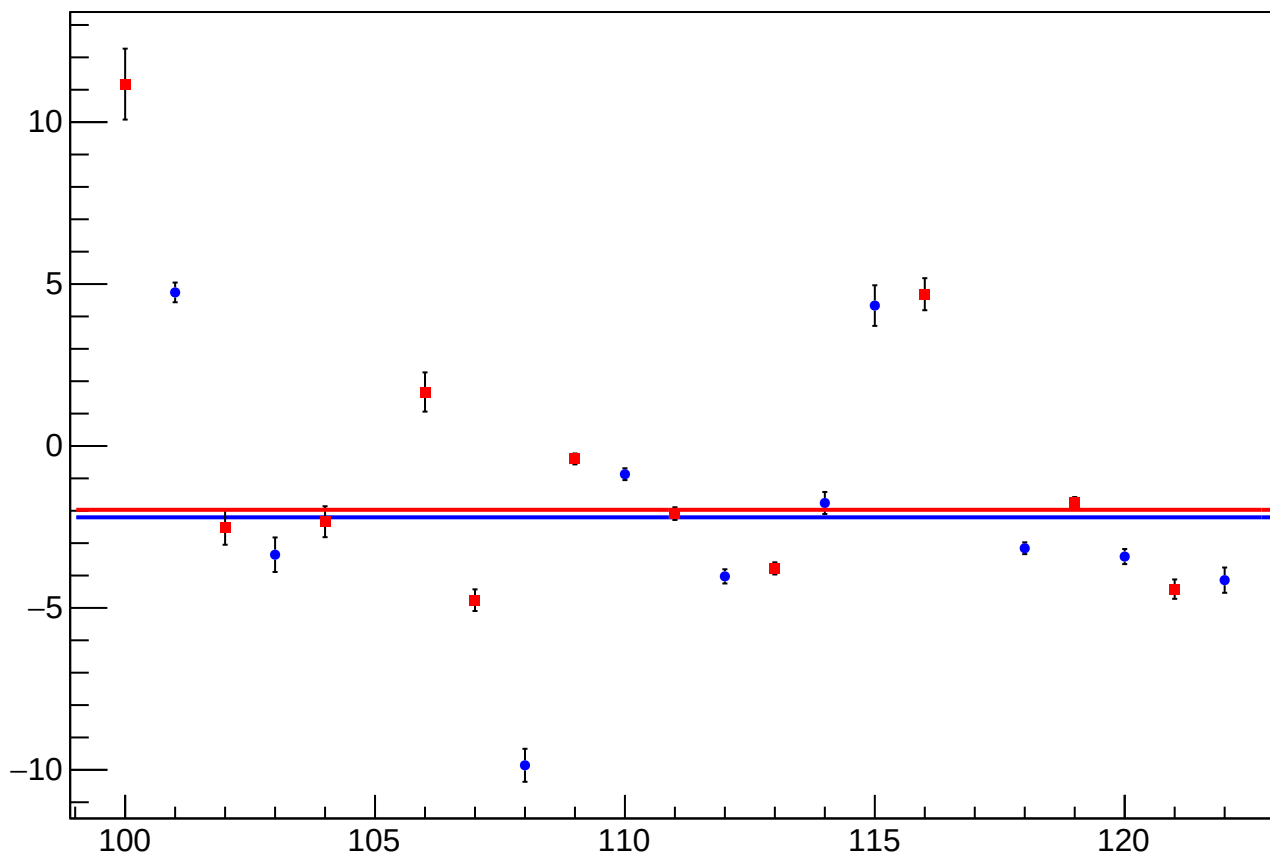
reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 6.486+/-0.070 χ^2/NDF : 45325.9/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.783+/-0.052 χ^2/NDF : 72053.5/20
 In: 9.472+/-0.080 χ^2/NDF : 25931.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.783+/-0.052 χ^2/NDF : 72053.5/20

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: -1.971+/-0.080 χ^2/NDF : 681.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

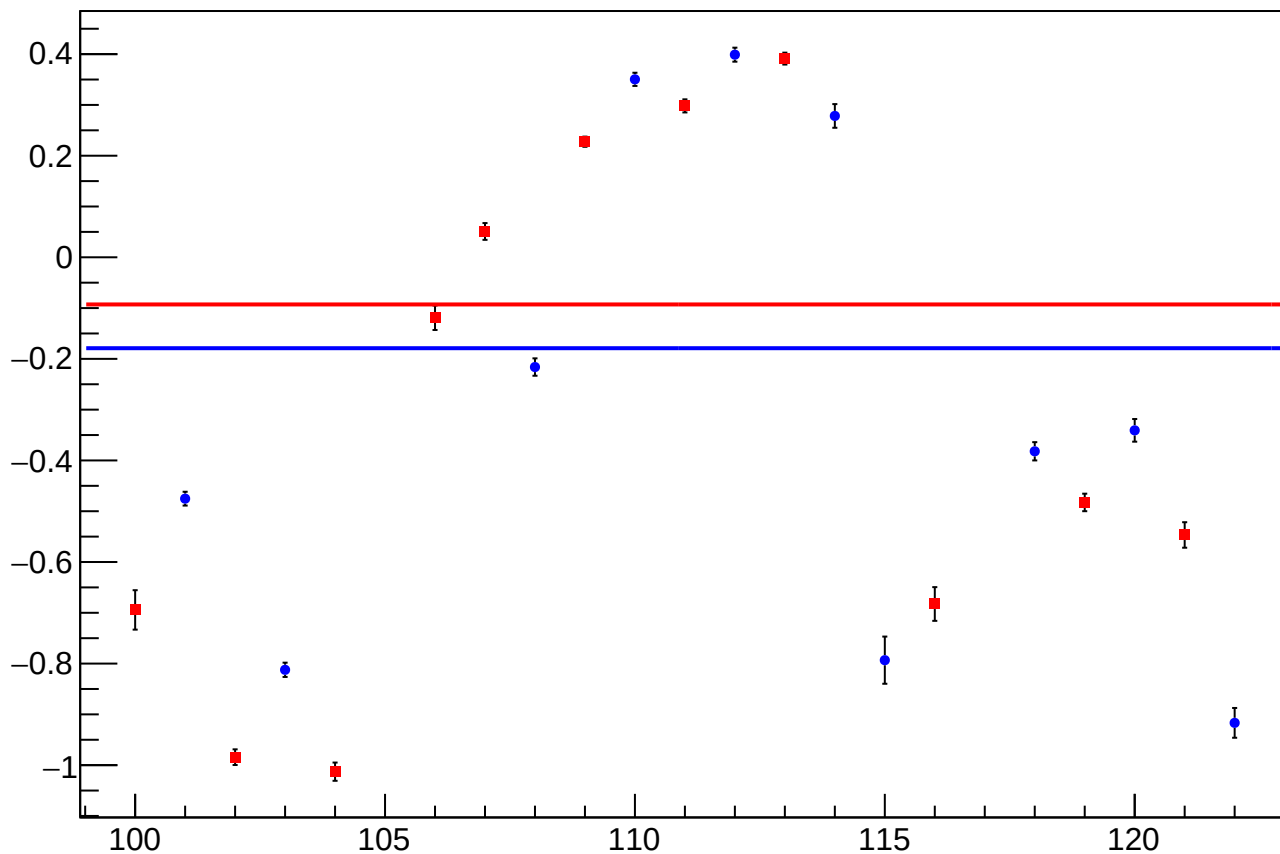
Right: -2.078+/-0.059 χ^2/NDF : 1750.2/20

In: -2.202+/-0.086 χ^2/NDF : 1064.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.078+/-0.059 χ^2/NDF : 1750.2/20

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: -0.093 ± 0.005 χ^2/NDF : 11089.6/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

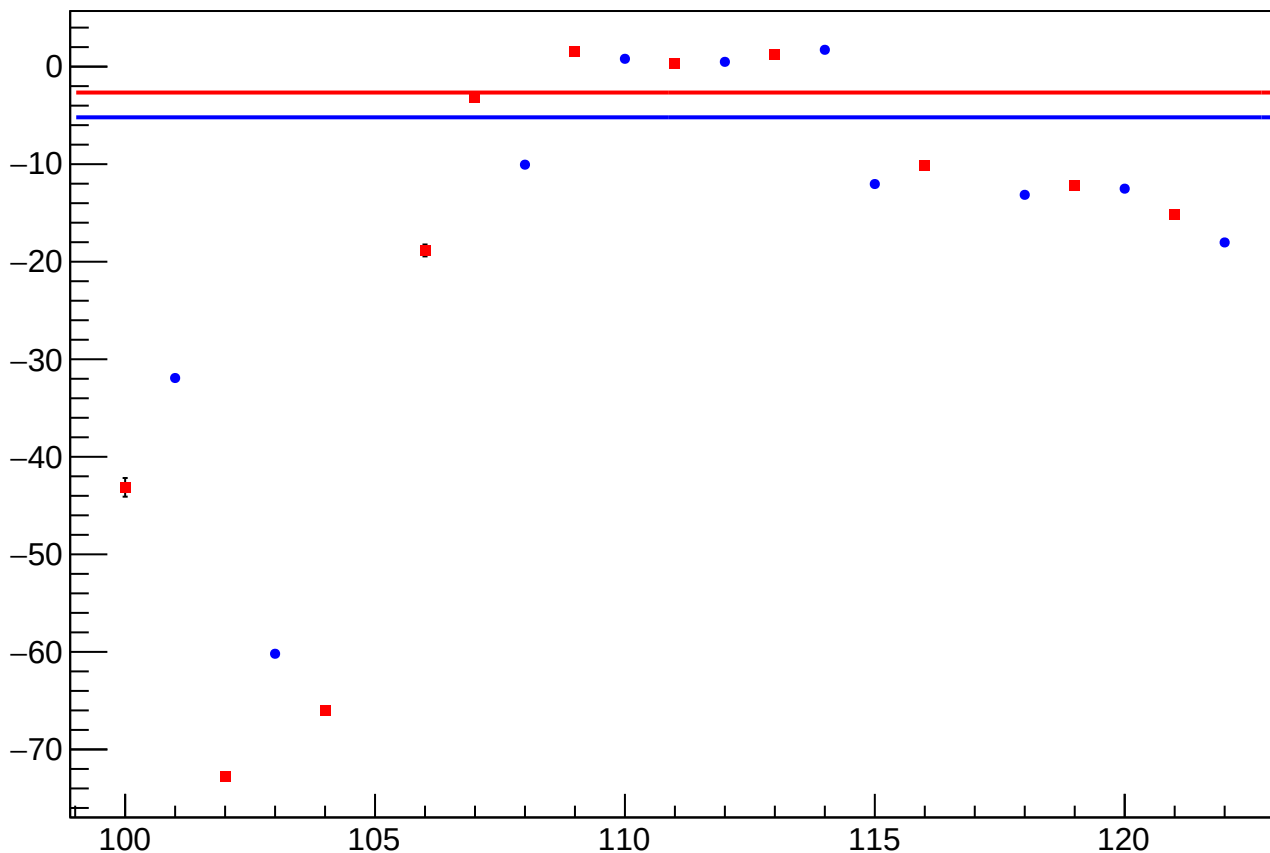
Right: -0.131 ± 0.004 χ^2/NDF : 18525.0/20

In: -0.179 ± 0.005 χ^2/NDF : 7296.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.131 ± 0.004 χ^2/NDF : 18525.0/20

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: -2.656+/-0.052 χ^2/NDF : 52686.8/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

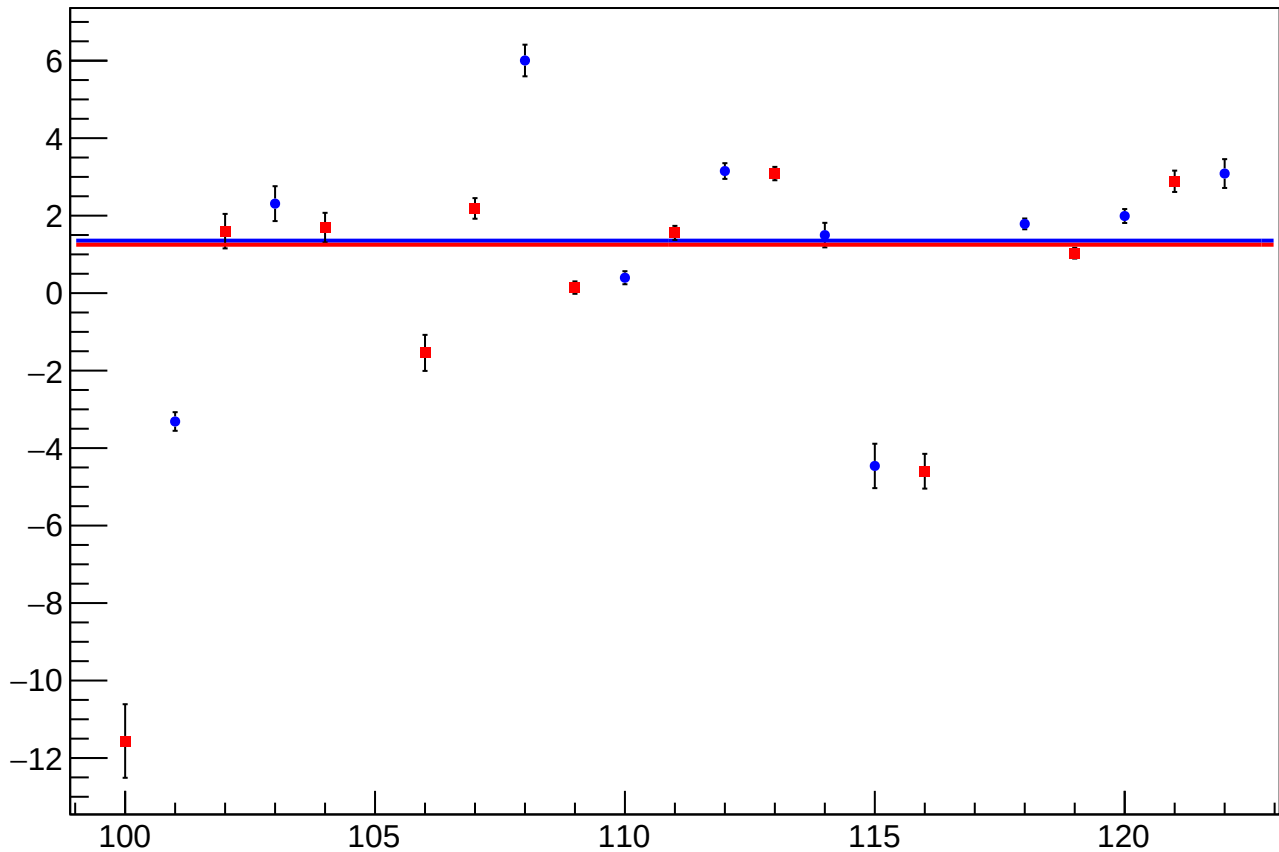
Right: -3.655+/-0.041 χ^2/NDF : 87942.9/20

In: -5.197+/-0.065 χ^2/NDF :34323.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.655+/-0.041 χ^2/NDF : 87942.9/20

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: 1.249+/-0.070 χ^2/NDF : 603.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

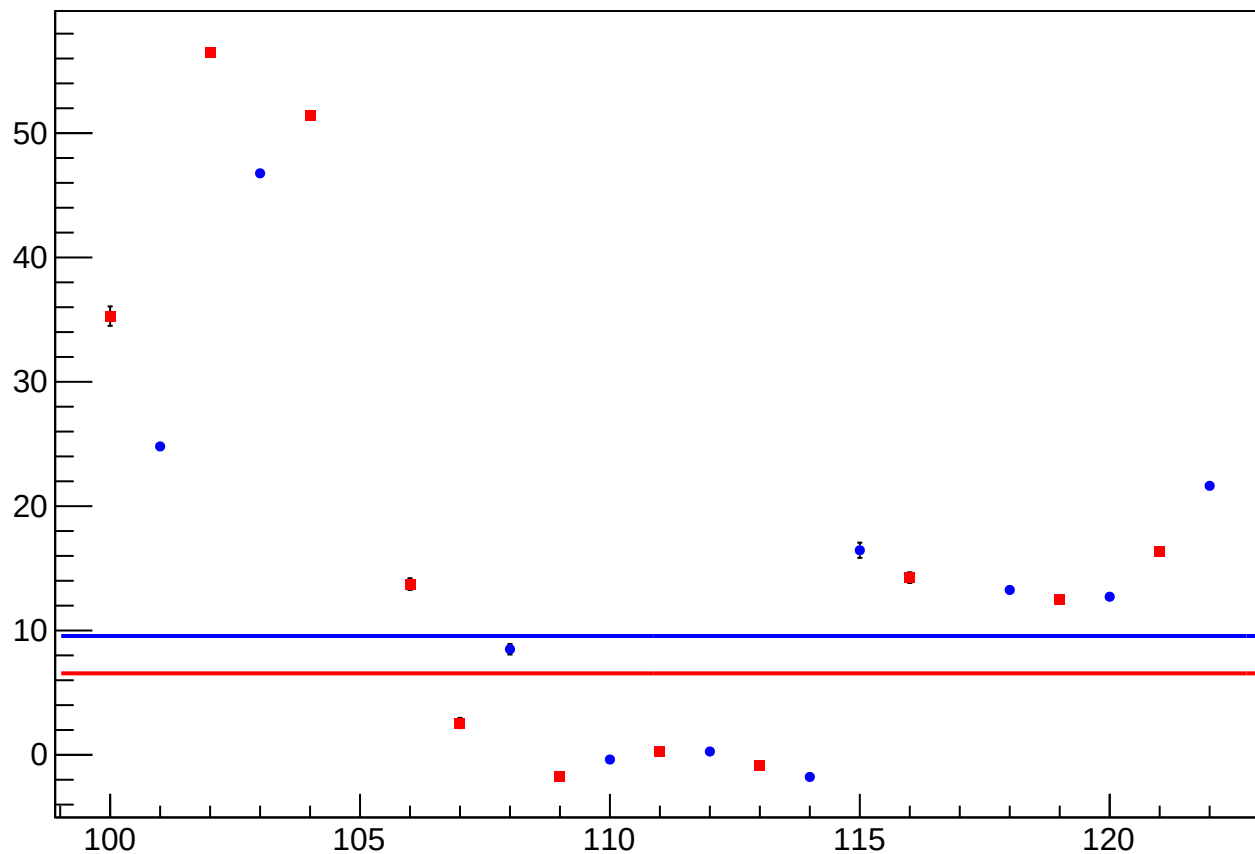
Right: 1.300+/-0.050 χ^2/NDF : 1372.9/20

In: 1.355+/-0.073 χ^2/NDF : 768.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.300+/-0.050 χ^2/NDF : 1372.9/20

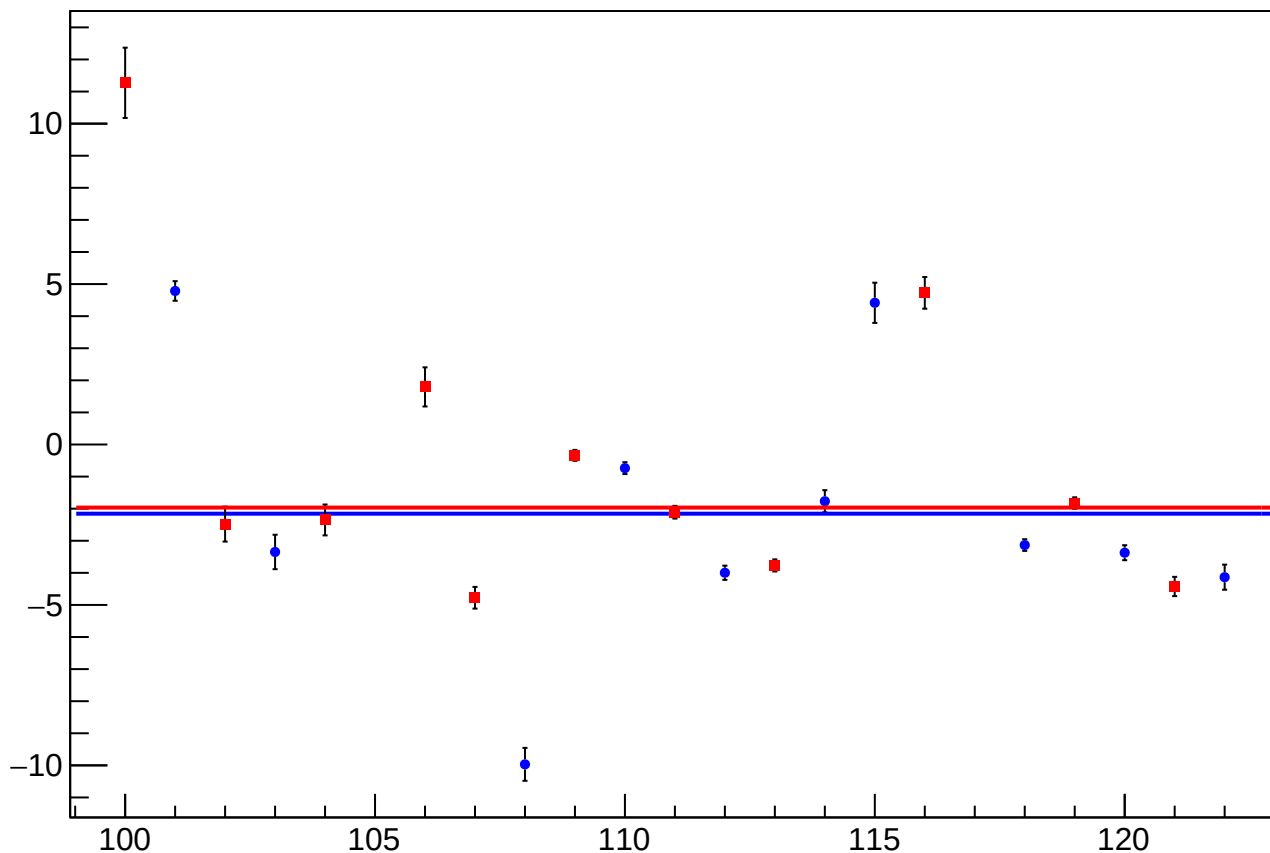
reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 6.555+/-0.070 χ^2/NDF : 45284.1/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.862+/-0.053 χ^2/NDF : 71949.6/20
 In: 9.560+/-0.080 χ^2/NDF : 25871.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.862+/-0.053 χ^2/NDF : 71949.6/20

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: -1.966+/-0.080 χ^2/NDF : 689.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

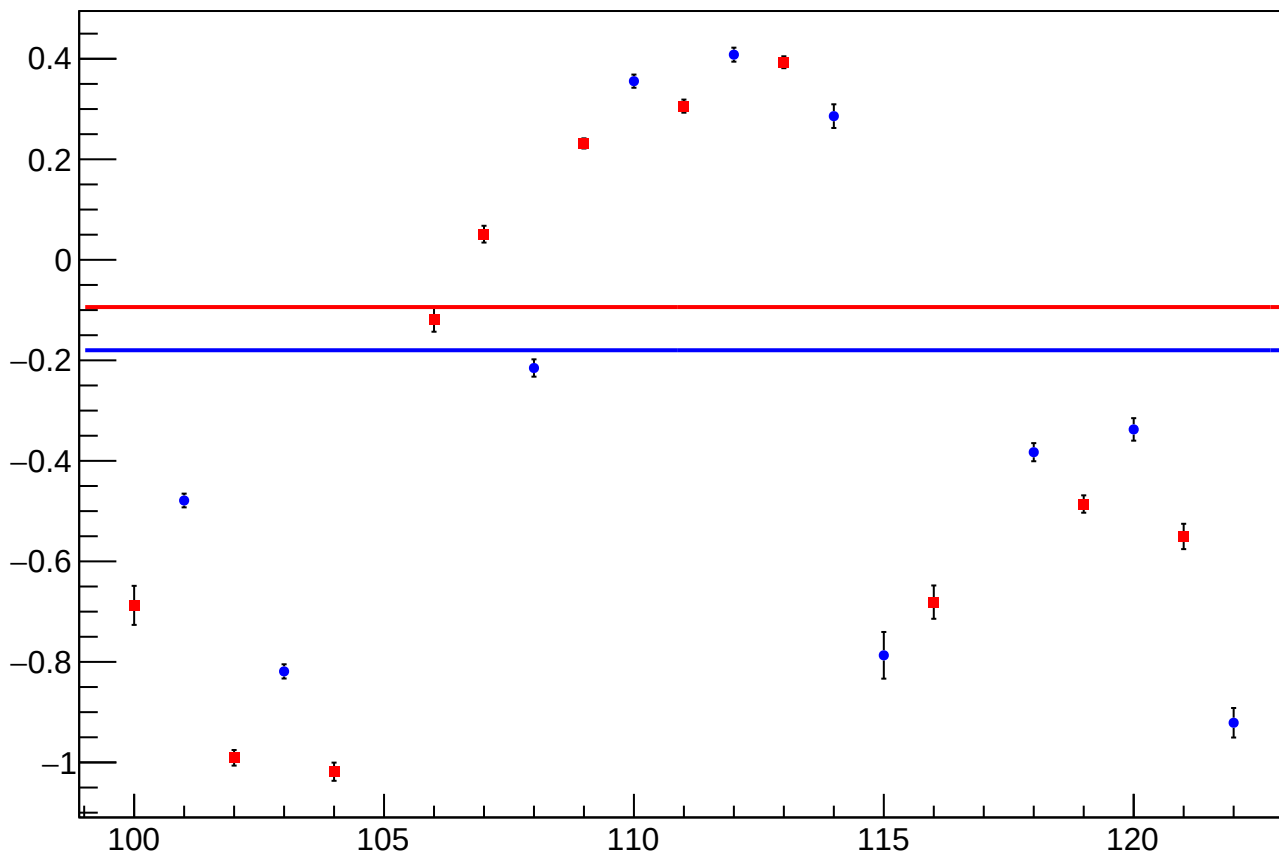
Right: -2.054+/-0.059 χ^2/NDF : 1765.1/20

In: -2.156+/-0.087 χ^2/NDF : 1073.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.054+/-0.059 χ^2/NDF : 1765.1/20

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.180 ± 0.005 χ^2/NDF : 7338.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 0.005 χ^2/NDF : 11093.9/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

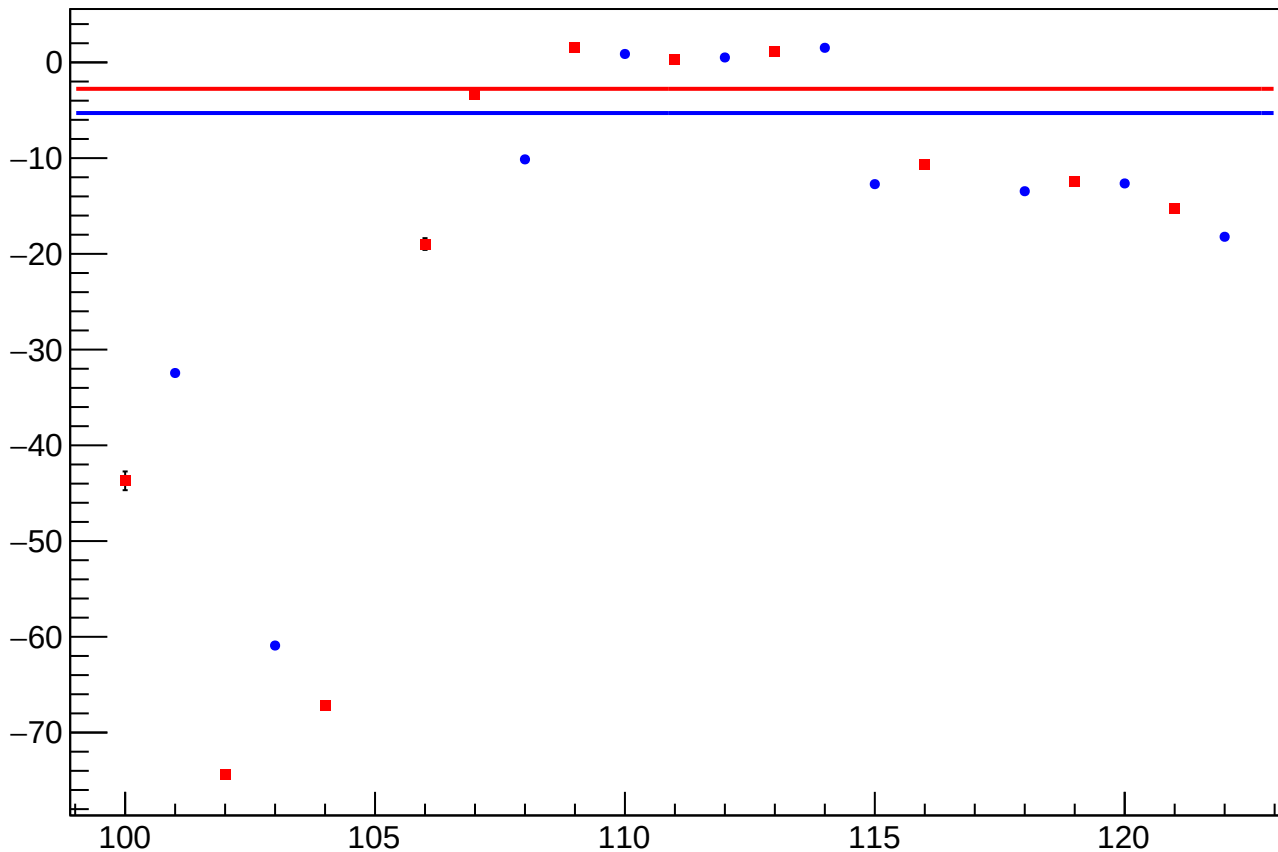
Right: -0.132 ± 0.004 χ^2/NDF : 18569.3/20

In: -0.180 ± 0.005 χ^2/NDF : 7338.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.132 ± 0.004 χ^2/NDF : 18569.3/20

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: -2.761+/-0.053 χ^2/NDF : 52288.0/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

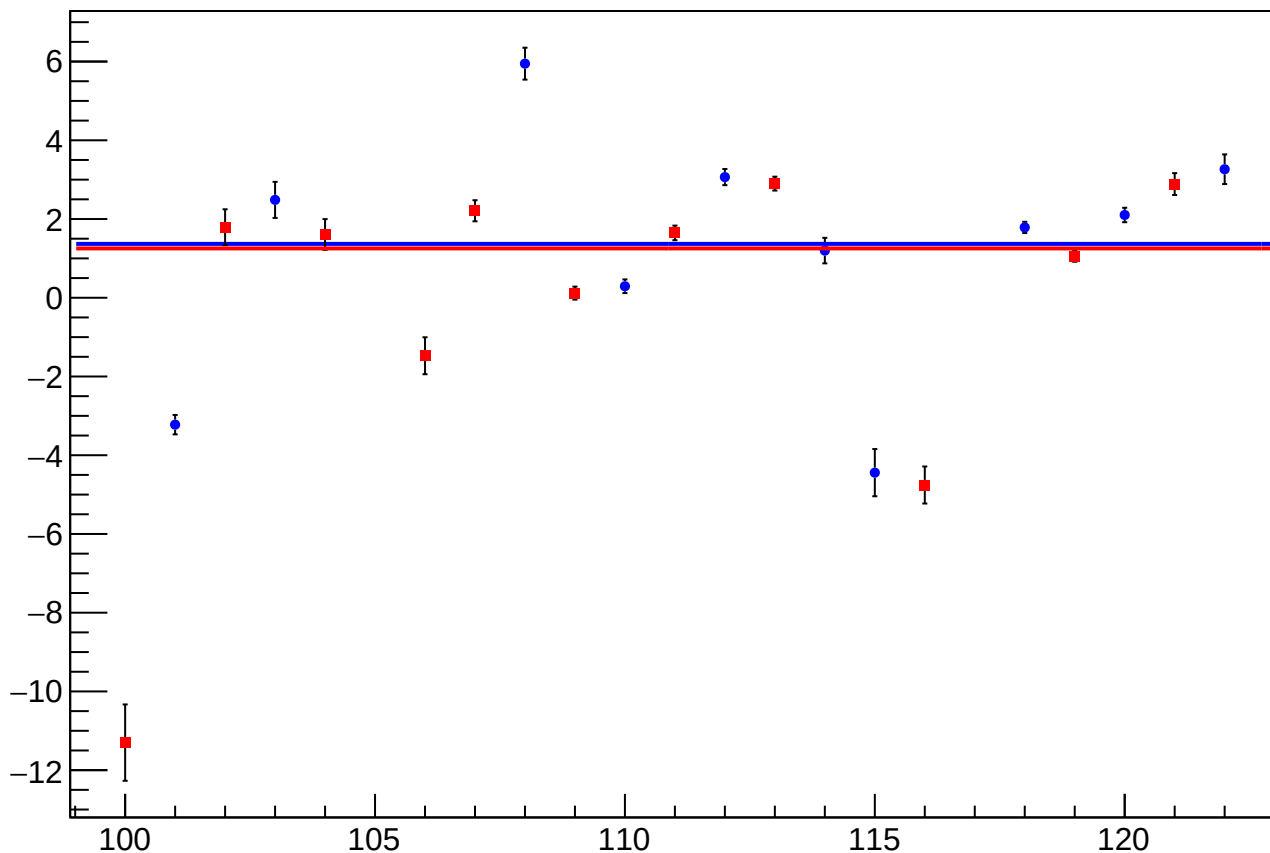
Right: -3.759+/-0.042 χ^2/NDF : 87061.7/20

In: -5.290+/-0.066 χ^2/NDF :33890.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.759+/-0.042 χ^2/NDF : 87061.7/20

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: 1.253+/-0.072 χ^2/NDF : 555.4/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

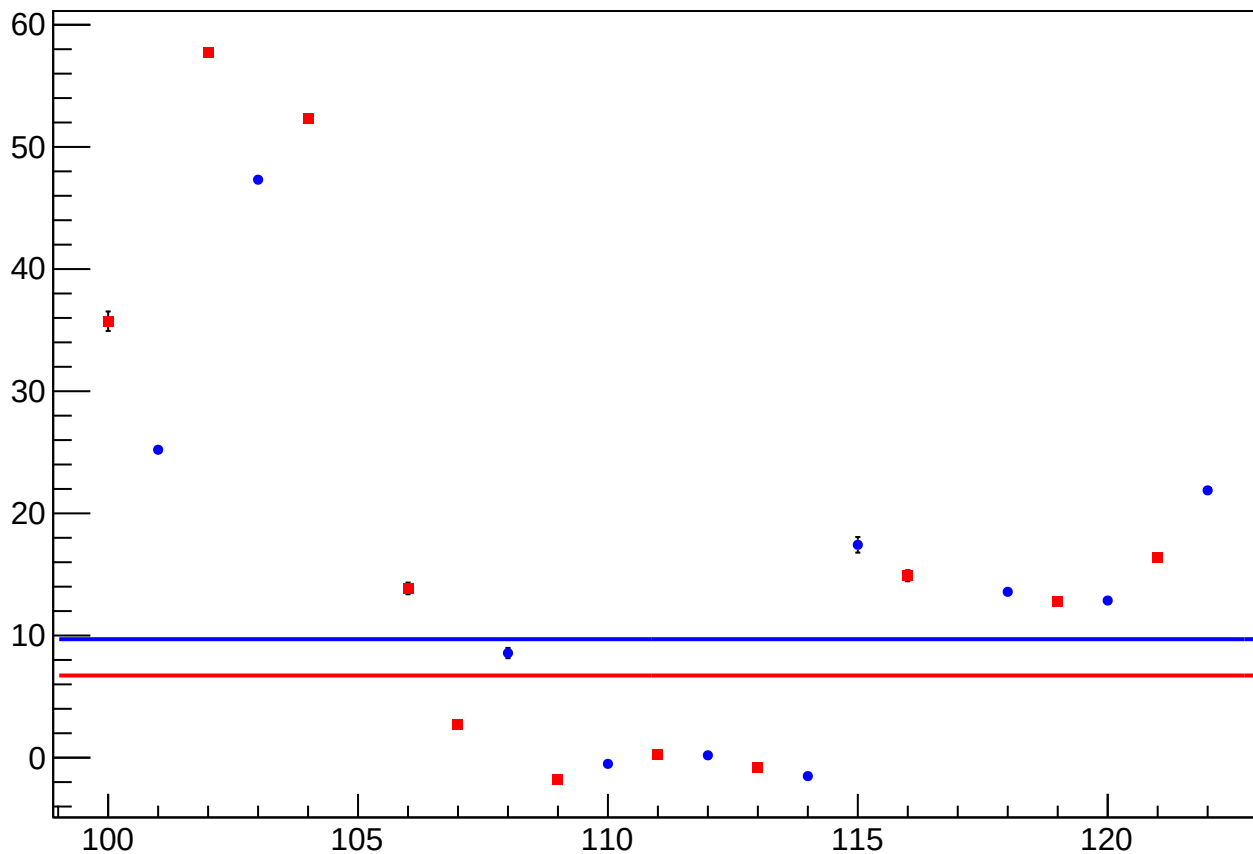
Right: 1.309+/-0.051 χ^2/NDF : 1288.1/20

In: 1.369+/-0.074 χ^2/NDF : 731.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.309+/-0.051 χ^2/NDF : 1288.1/20

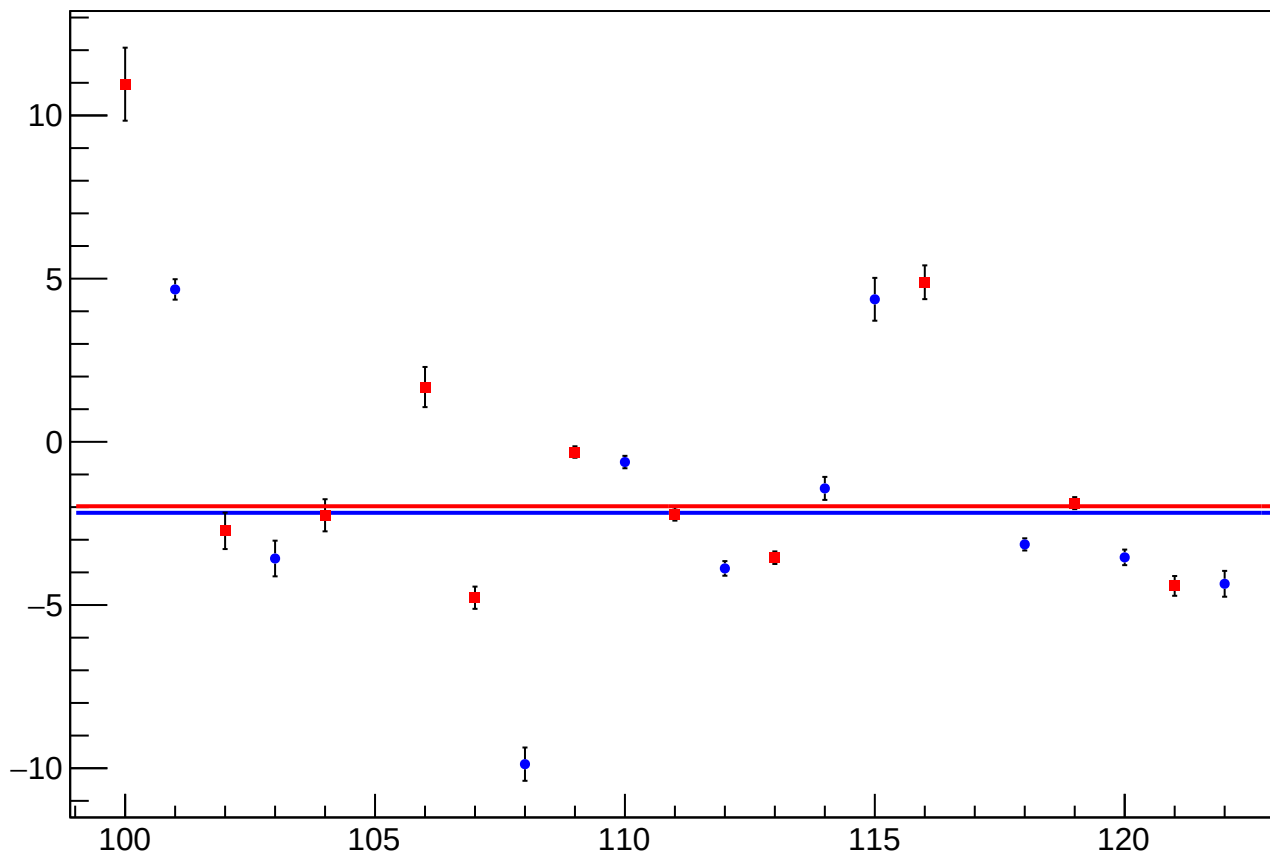
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 6.726+/-0.072 χ^2/NDF : 44934.8/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 8.023+/-0.054 χ^2/NDF : 71267.5/20
 In: 9.698+/-0.082 χ^2/NDF : 25590.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.023+/-0.054 χ^2/NDF : 71267.5/20

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.175+/-0.088 χ^2/NDF : 1031.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.973+/-0.082 χ^2/NDF : 638.4/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

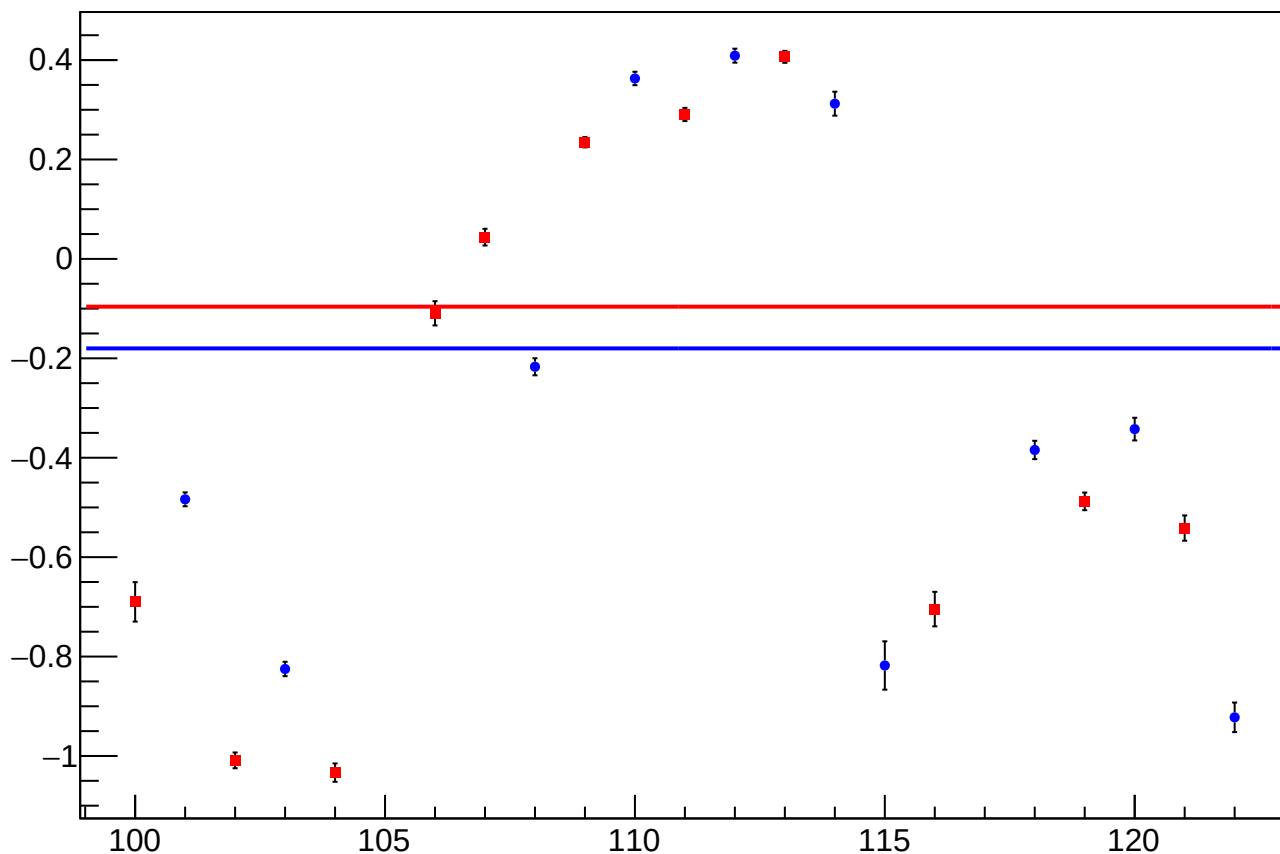
Right: -2.067+/-0.060 χ^2/NDF : 1672.1/20

In: -2.175+/-0.088 χ^2/NDF :1031.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.067+/-0.060 χ^2/NDF : 1672.1/20

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: -0.096+/-0.005 χ^2/NDF : 10859.9/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

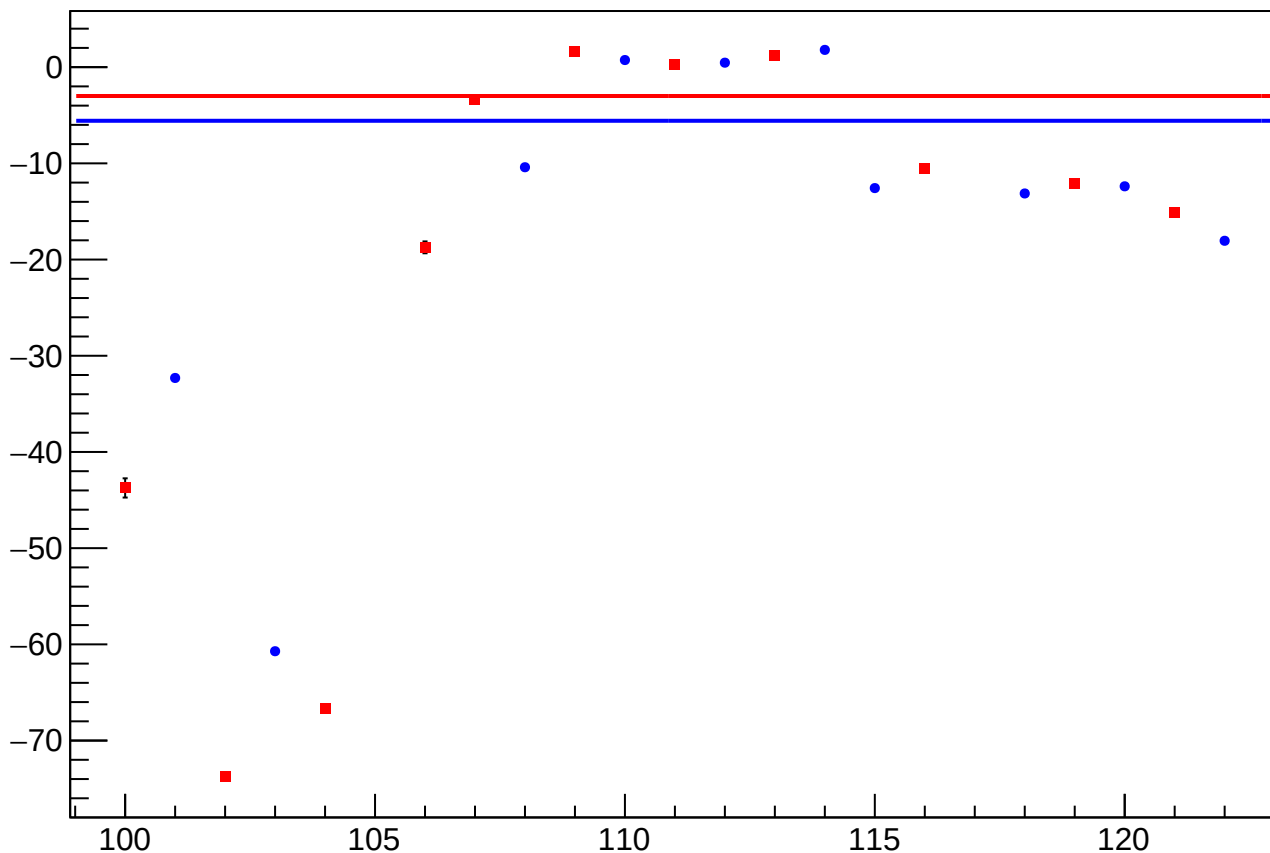
Right: -0.133+/-0.004 χ^2/NDF : 18198.0/20

In: -0.180+/-0.006 χ^2/NDF : 7212.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.133+/-0.004 χ^2/NDF : 18198.0/20

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: -2.999+/-0.055 χ^2/NDF : 51104.5/10

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

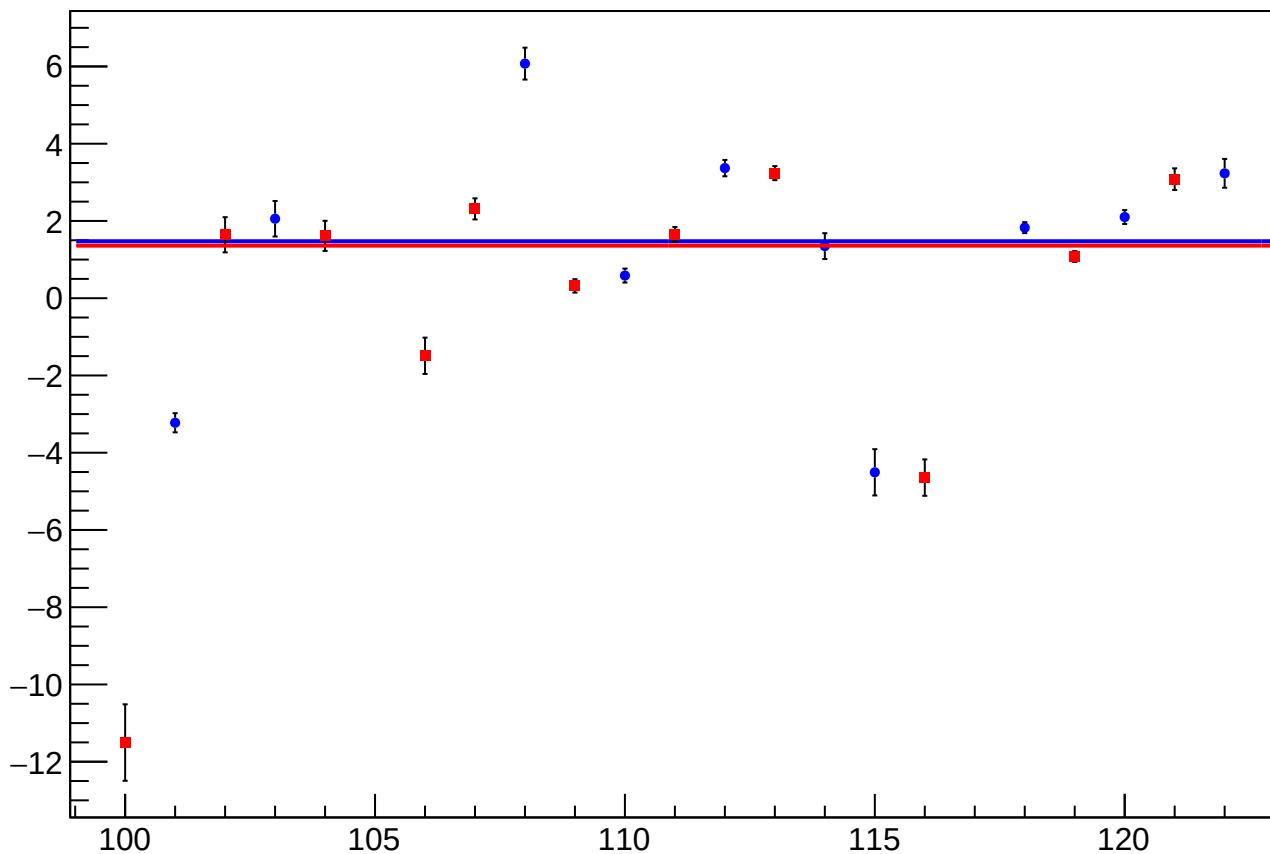
Right: -4.027+/-0.043 χ^2/NDF : 84867.6/20

In: -5.575+/-0.068 χ^2/NDF :32895.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.027+/-0.043 χ^2/NDF : 84867.6/20

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: 1.361+/-0.073 χ^2/NDF : 567.2/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

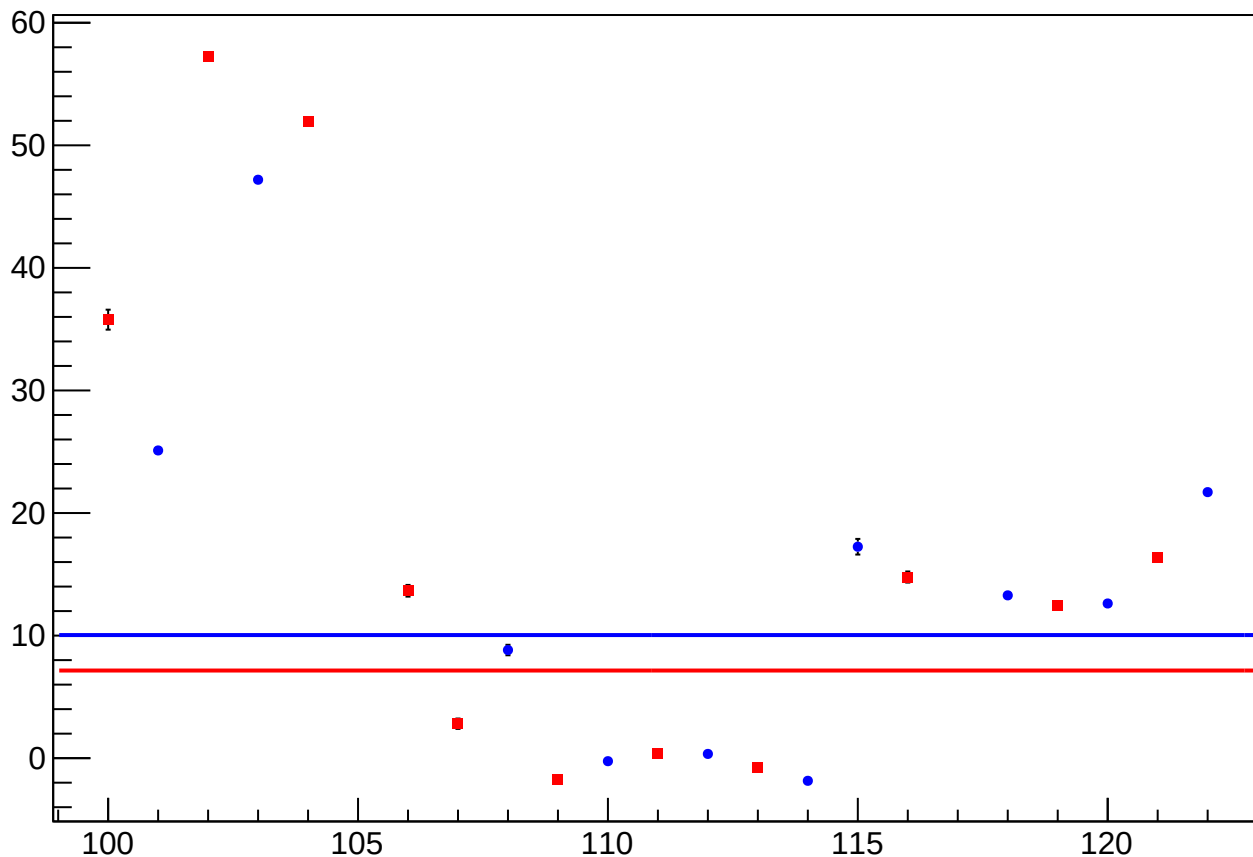
Right: 1.417+/-0.052 χ^2/NDF : 1296.8/20

In: 1.475+/-0.075 χ^2/NDF : 728.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.417+/-0.052 χ^2/NDF : 1296.8/20

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: 7.150+/-0.074 χ^2/NDF : 43465.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

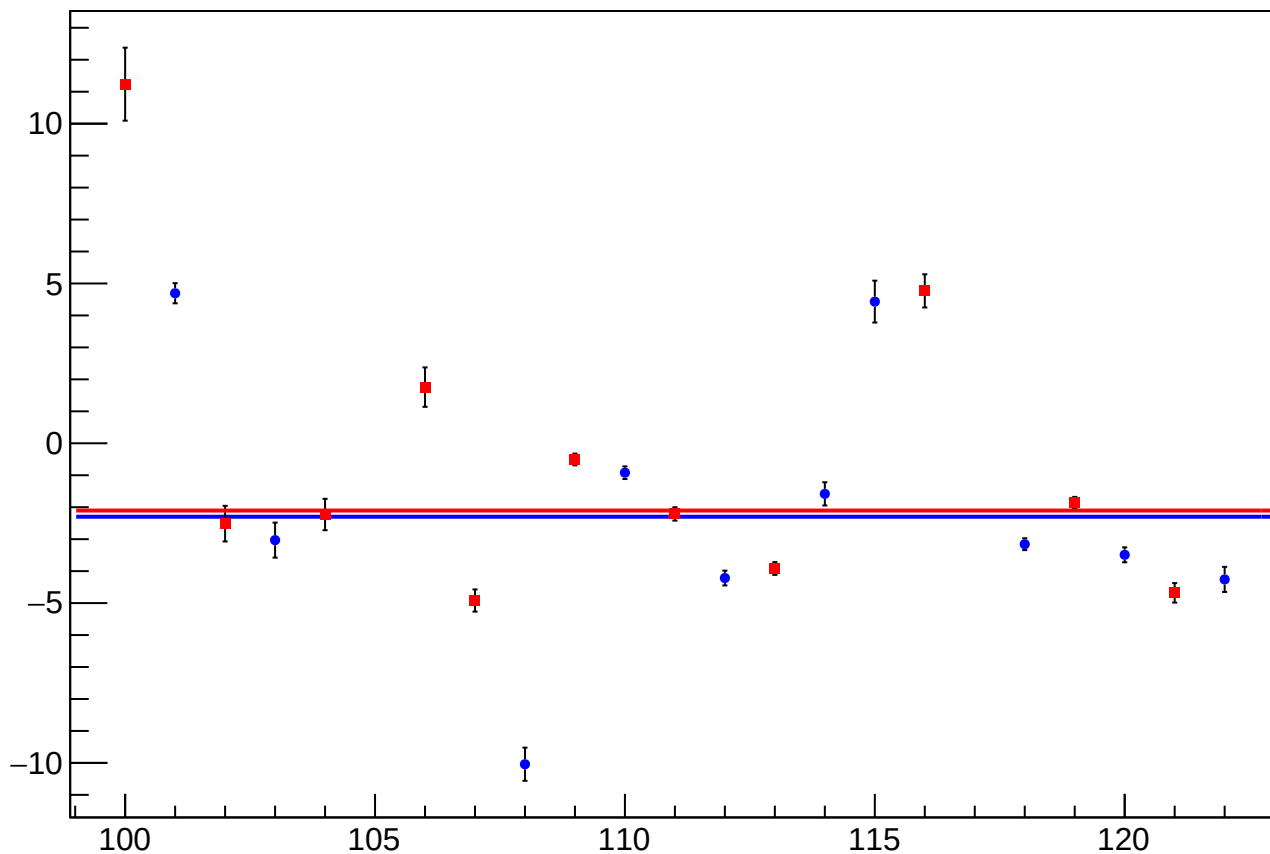
Right: 8.425+/-0.055 χ^2/NDF : 68676.5/20

In: 10.044+/-0.083 χ^2/NDF : 24535.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.425+/-0.055 χ^2/NDF : 68676.5/20

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.298+/-0.089 χ^2/NDF : 1015.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.105+/-0.084 χ^2/NDF : 649.1/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

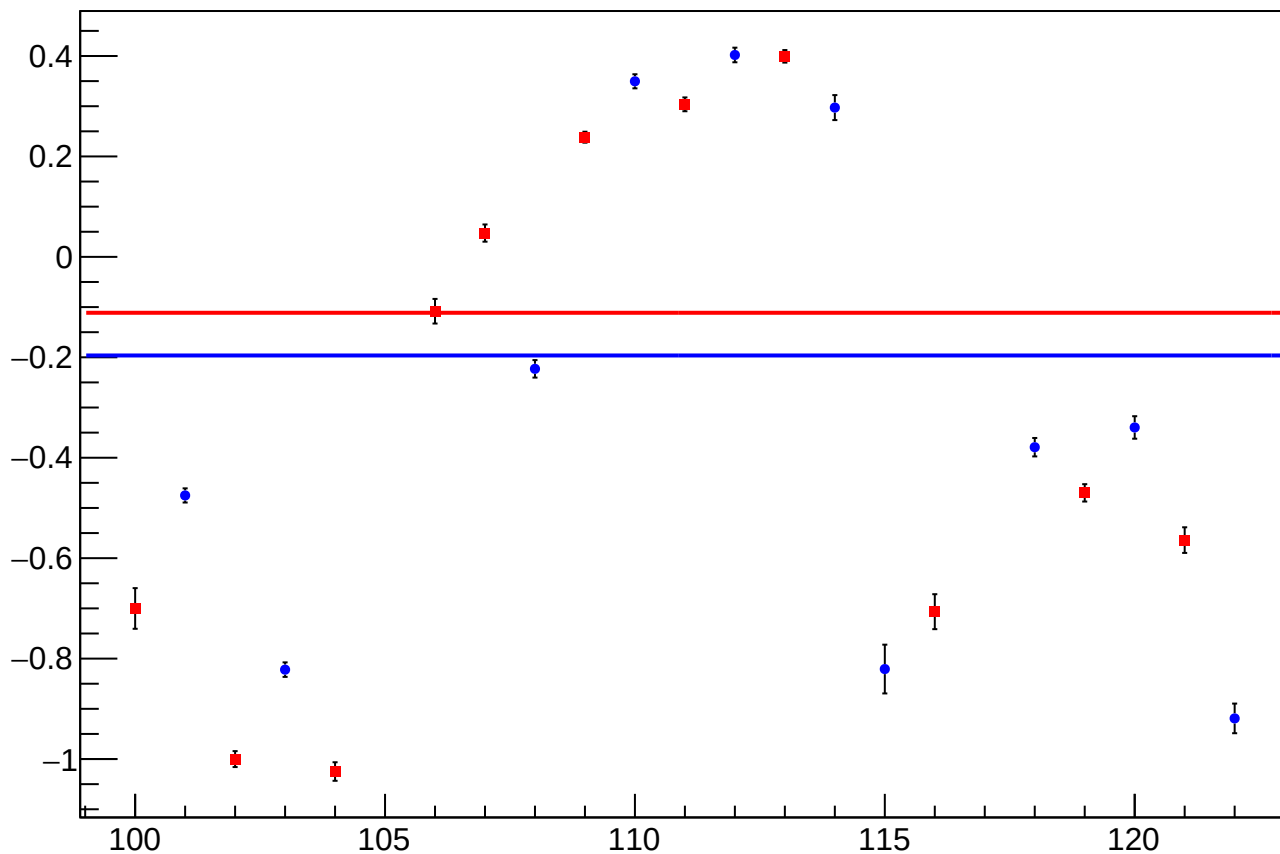
Right: -2.195+/-0.061 χ^2/NDF : 1666.6/20

In: -2.298+/-0.089 χ^2/NDF : 1015.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.195+/-0.061 χ^2/NDF : 1666.6/20

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: -0.111 ± 0.005 χ^2/NDF : 10525.0/10

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

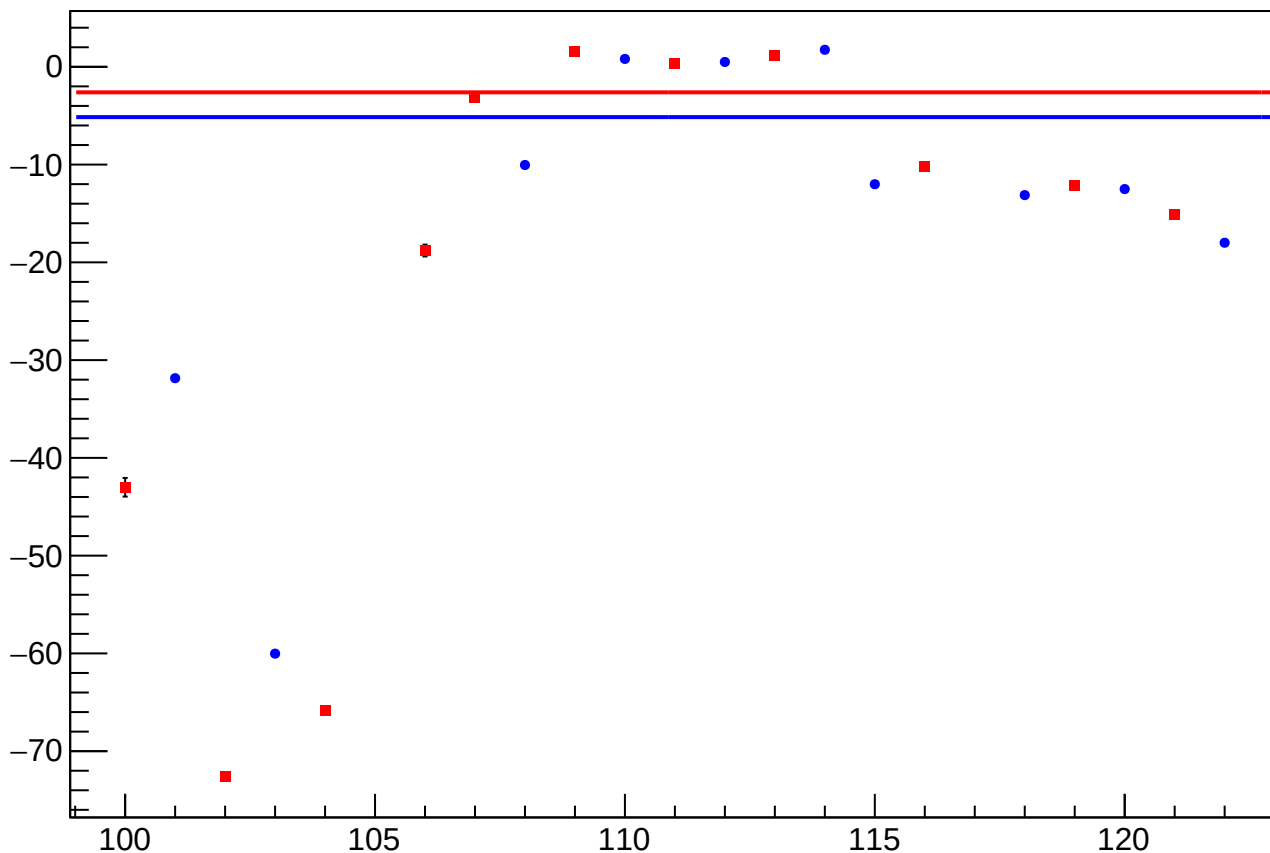
Right: -0.149 ± 0.004 χ^2/NDF : 17418.8/20

In: -0.196 ± 0.006 χ^2/NDF : 6769.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.149 ± 0.004 χ^2/NDF : 17418.8/20

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

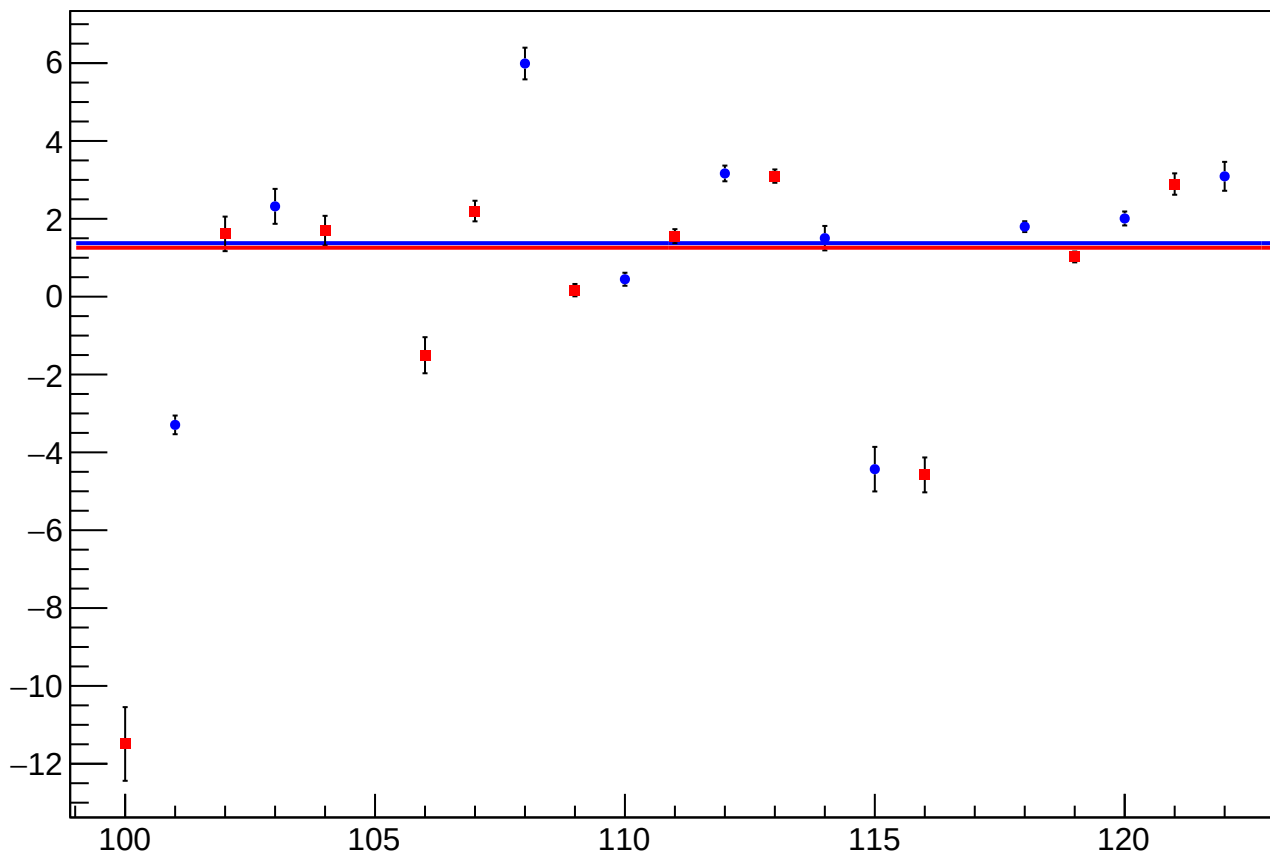
Right: -3.605+/-0.040 χ^2/NDF : 88164.1/20

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

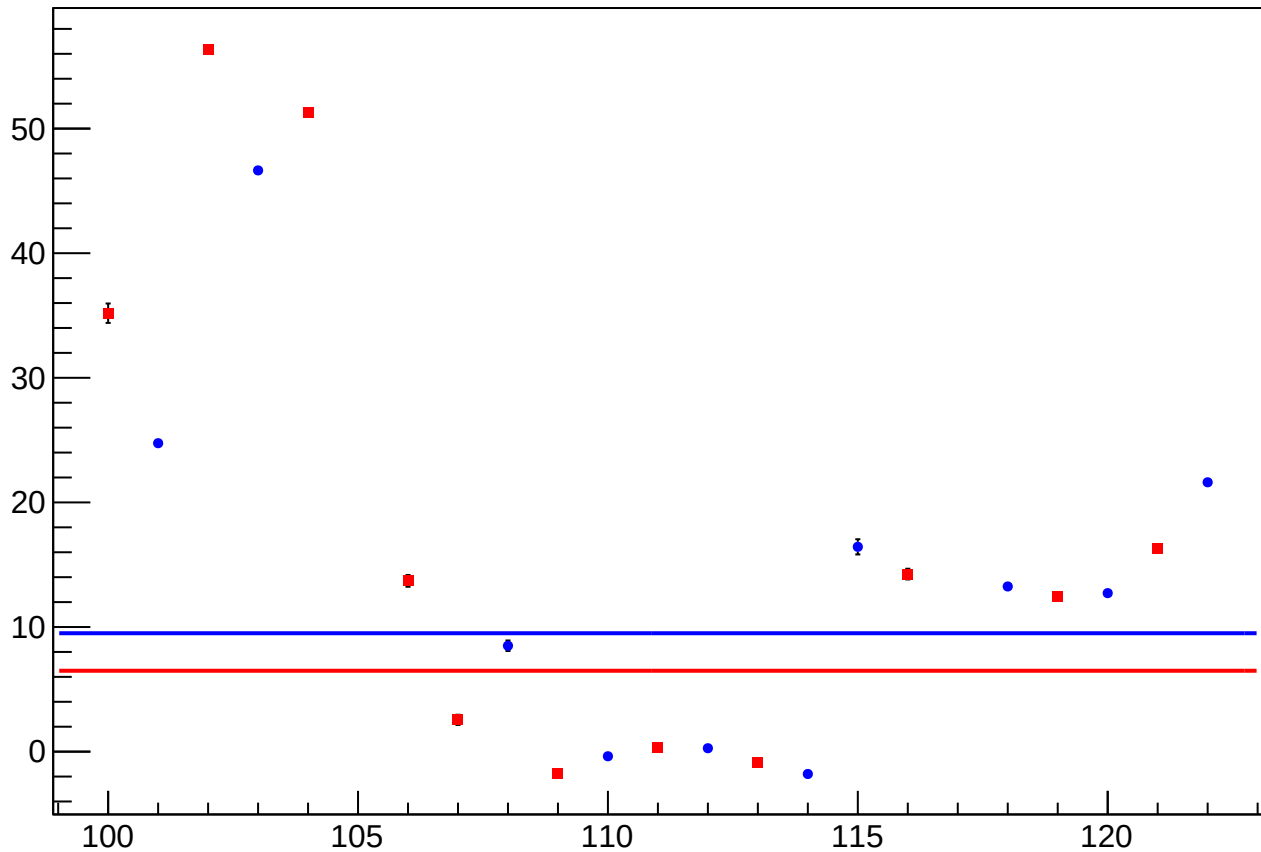
Right: 1.314+/-0.050 χ^2/NDF : 1373.5/20

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

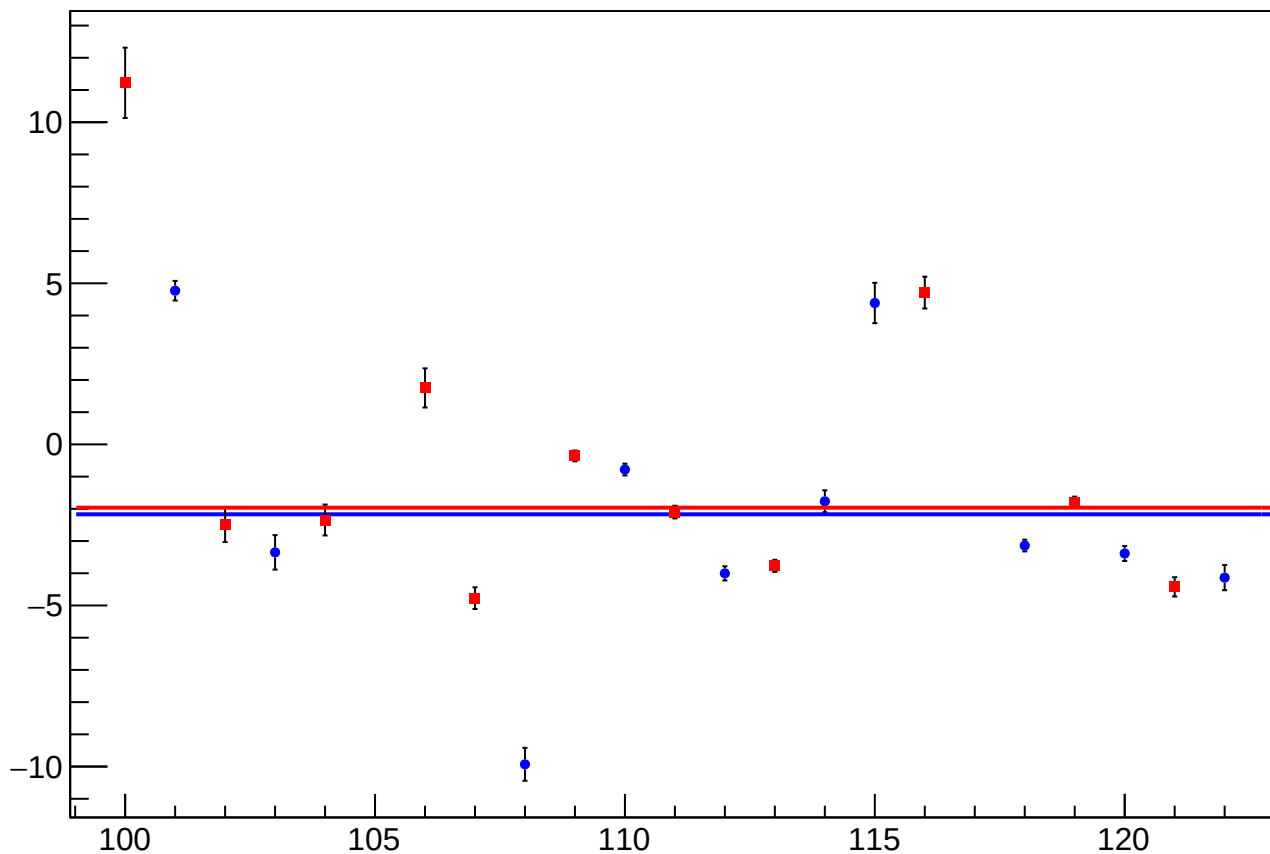
reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

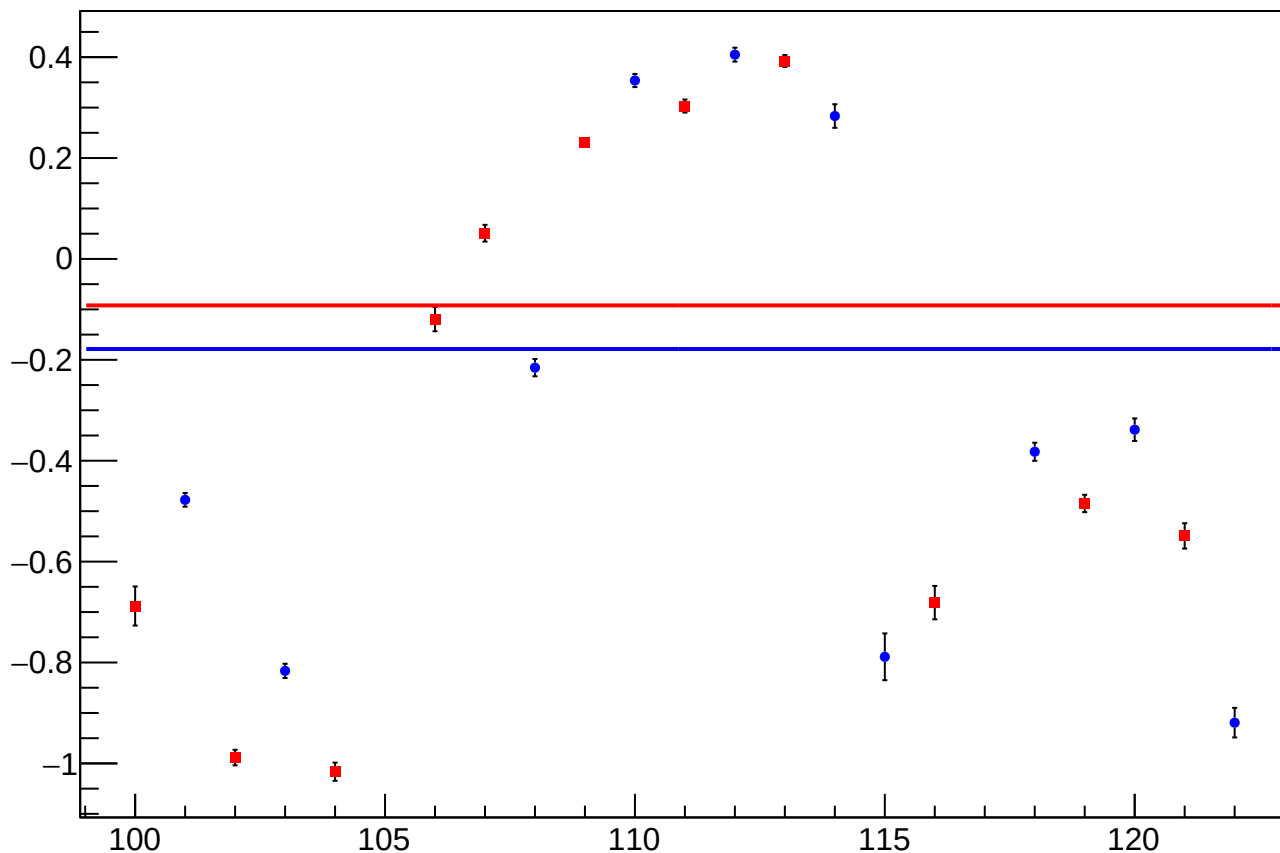
Right: -2.060+/-0.059 χ^2/NDF : 1765.9/20

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

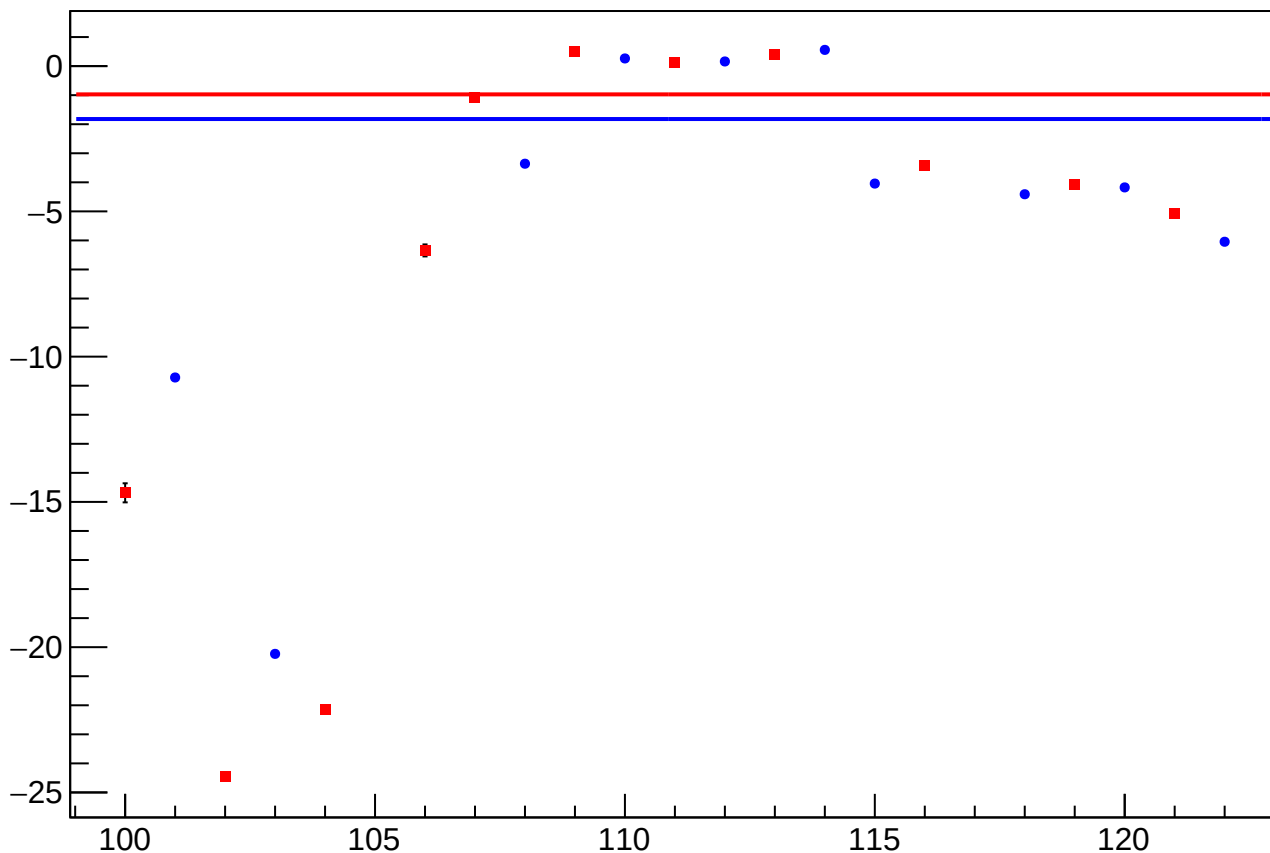
Right: -0.130 ± 0.004 χ^2/NDF : 18626.6/20

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

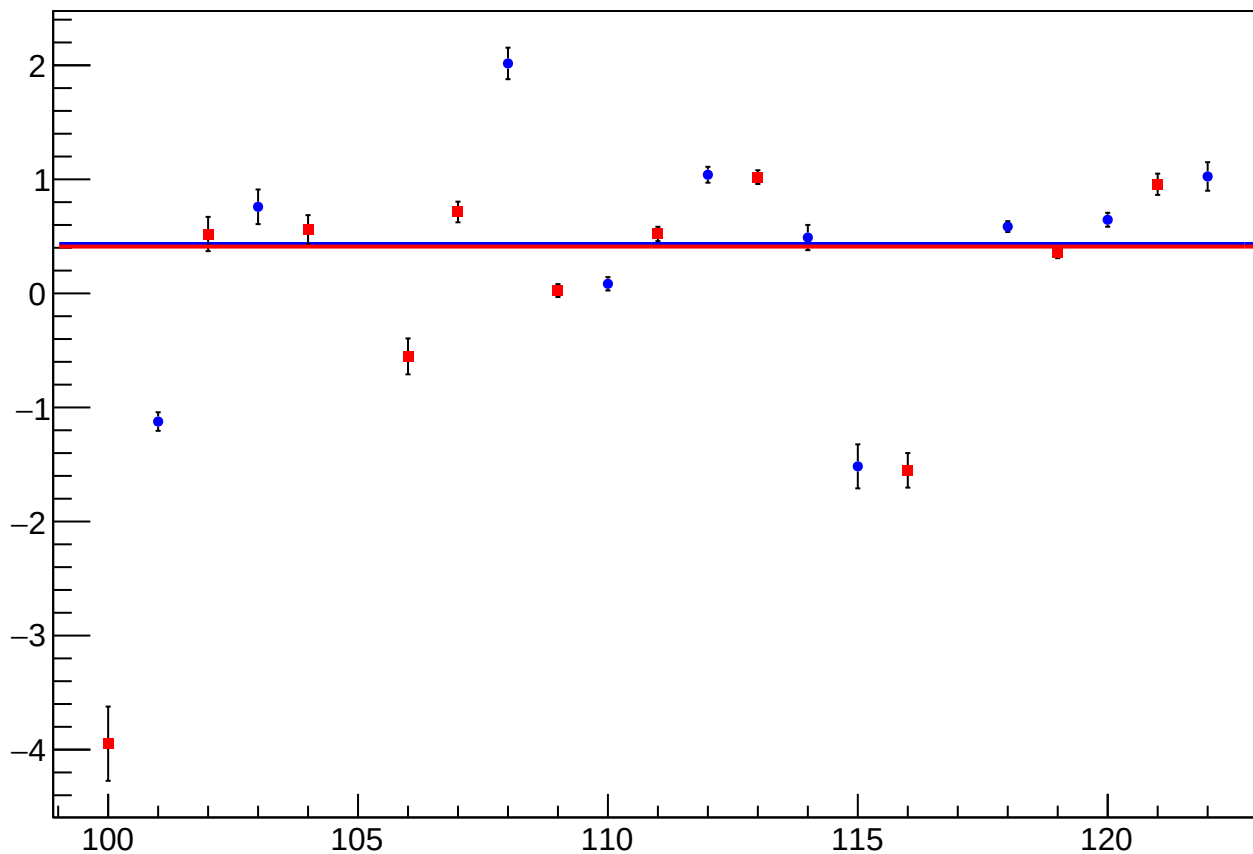
Right: -1.311+/-0.014 χ^2/NDF : 86238.4/20

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

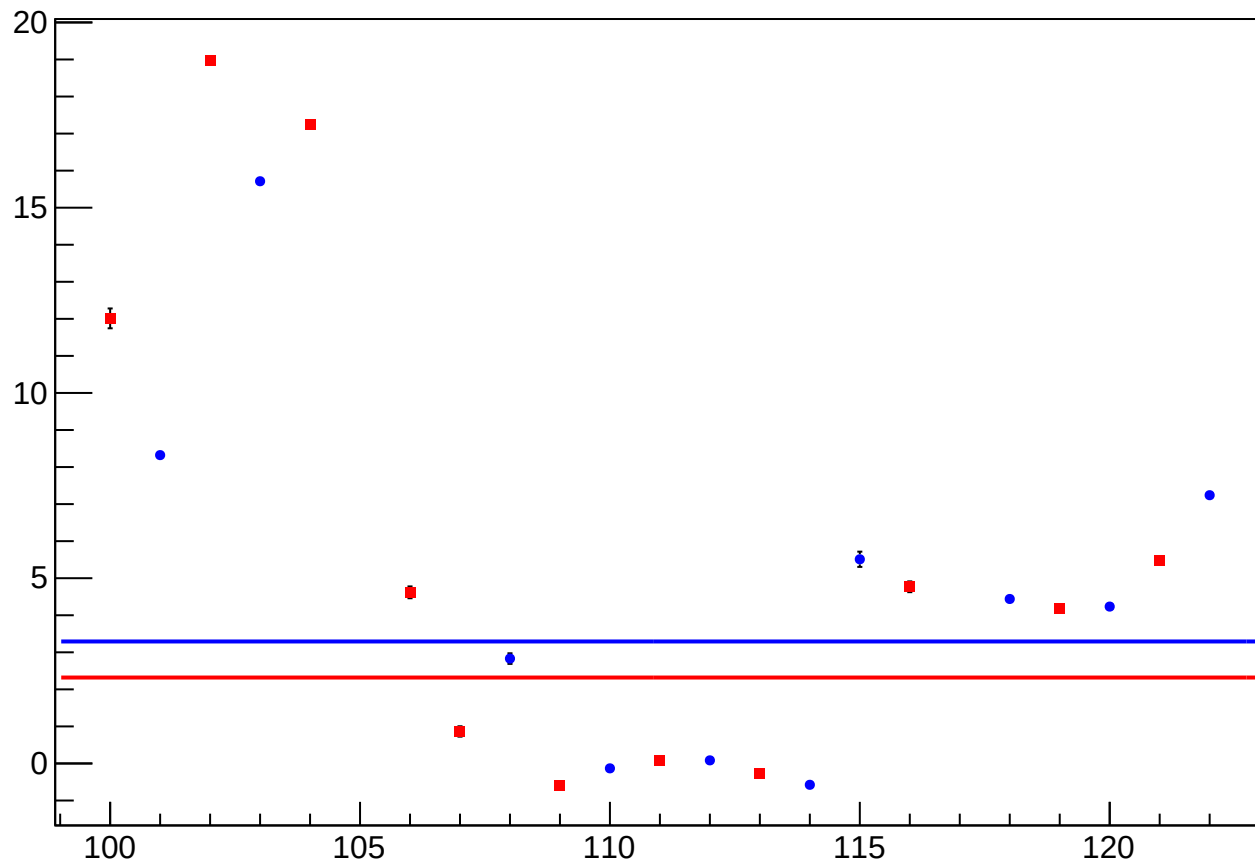
Right: 0.422+/-0.017 χ^2/NDF : 1345.9/20

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

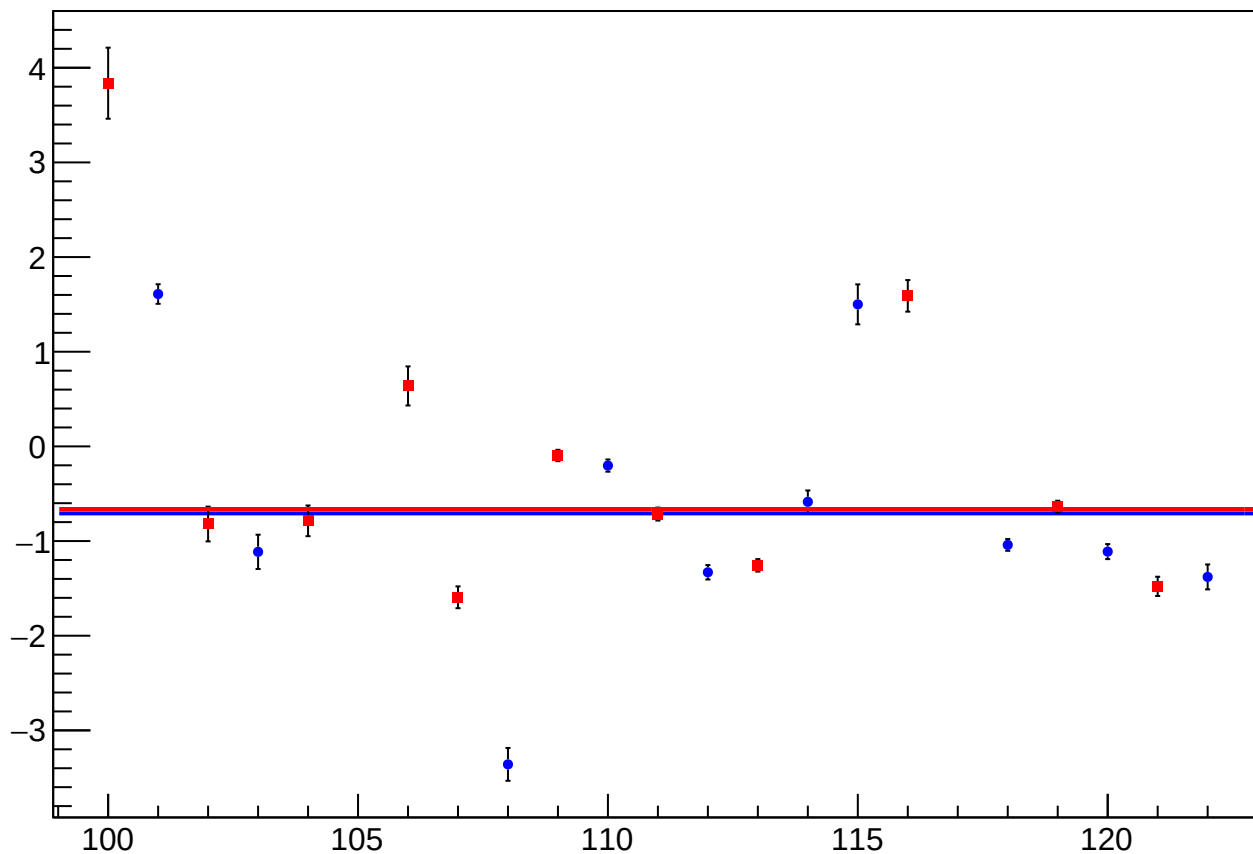
Right: 2.748+/-0.018 χ^2/NDF : 70141.0/20

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 $\pm$ 0.030 χ^2 /NDF: 1060.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.661 $\pm$ 0.028 χ^2 /NDF: 668.4/10

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

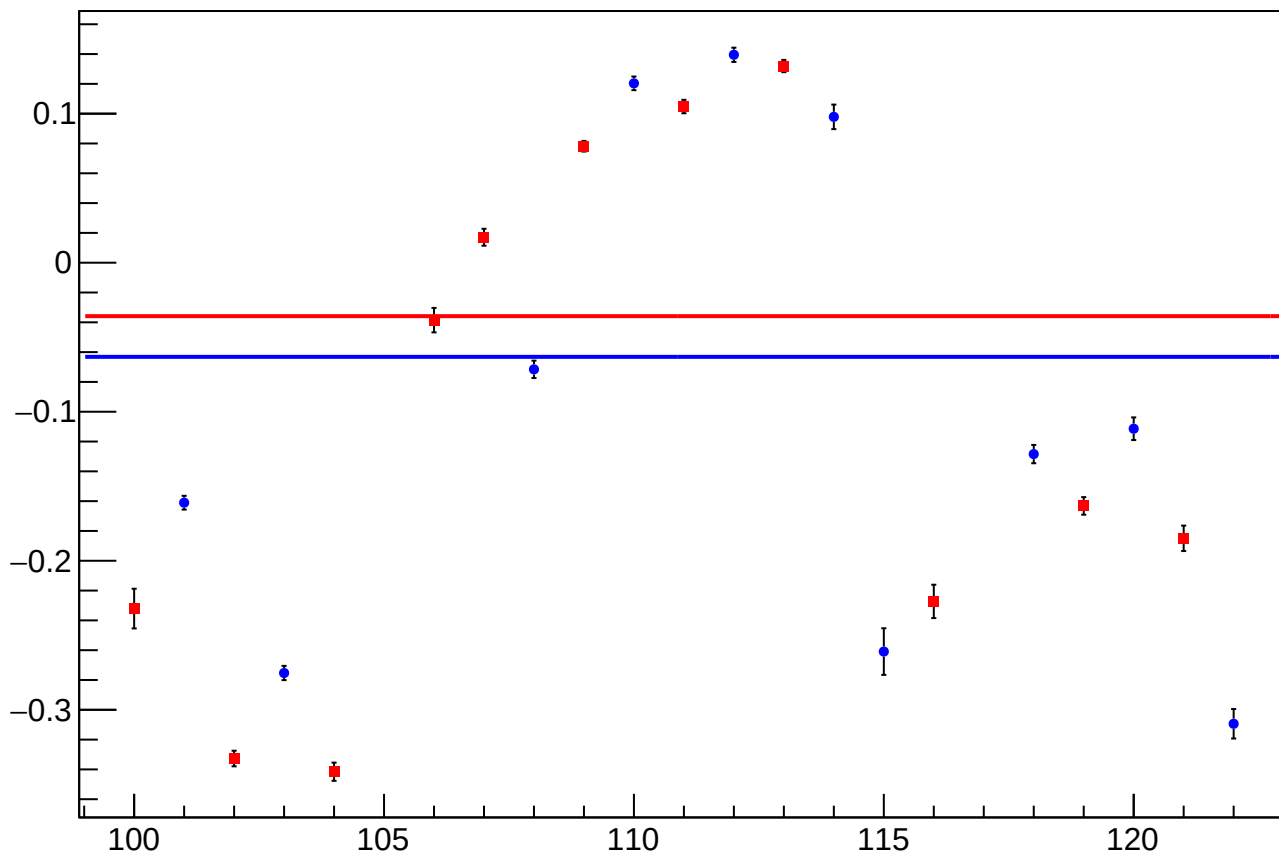
Right: -0.683 $\pm$ 0.020 χ^2 /NDF: 1730.6/20

In: -0.708 $\pm$ 0.030 χ^2 /NDF:1060.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.683 $\pm$ 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

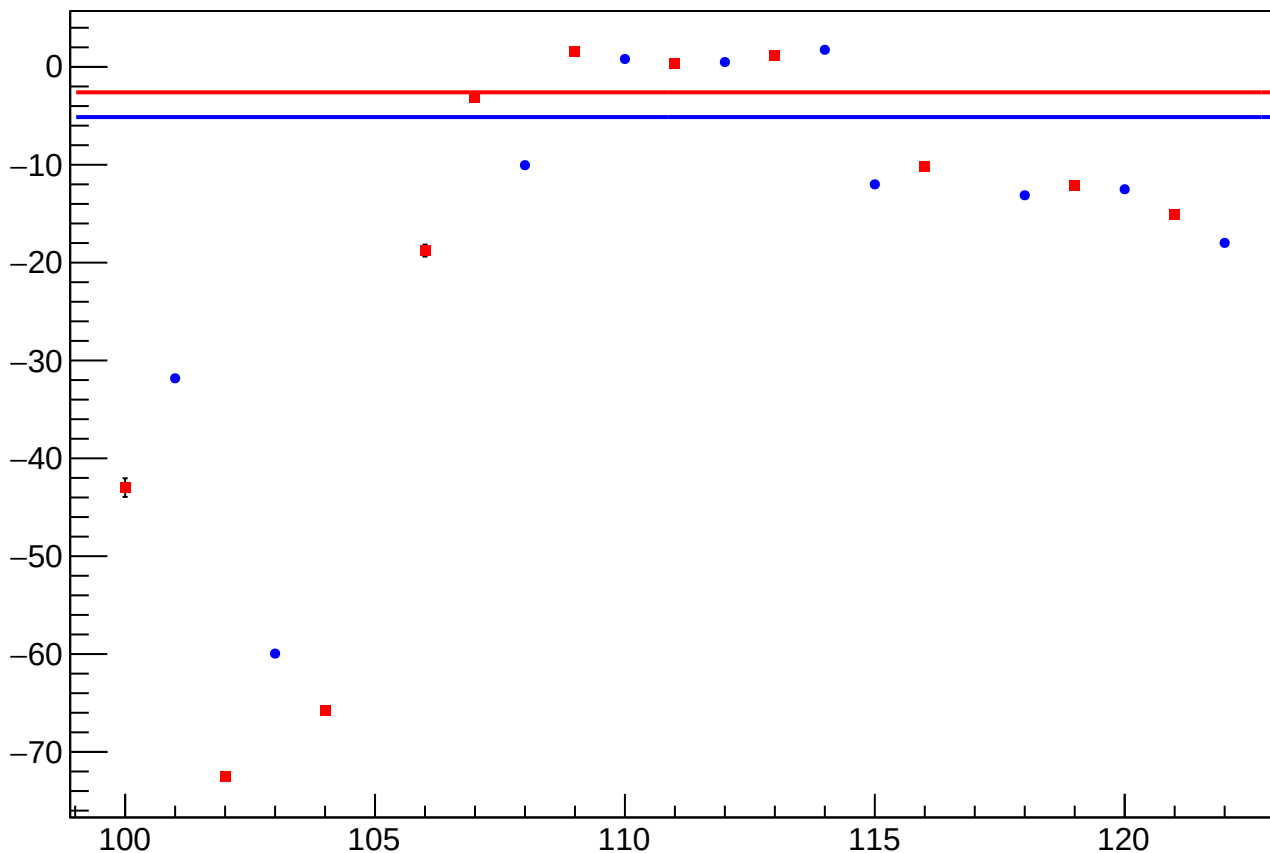
Right: -0.048+/-0.001 χ^2/NDF : 18010.8/20

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_an_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

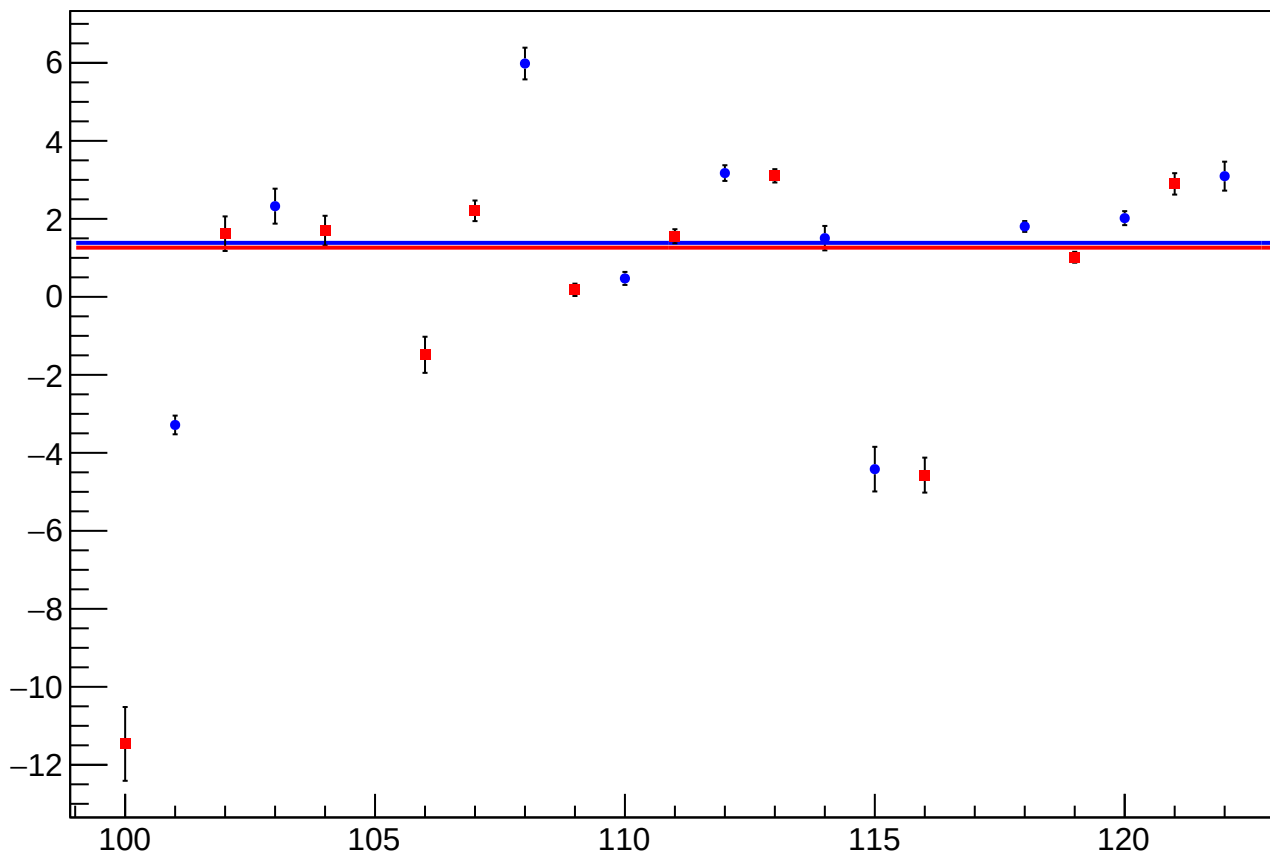
Right: -3.589+/-0.040 χ^2/NDF : 88203.9/20

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

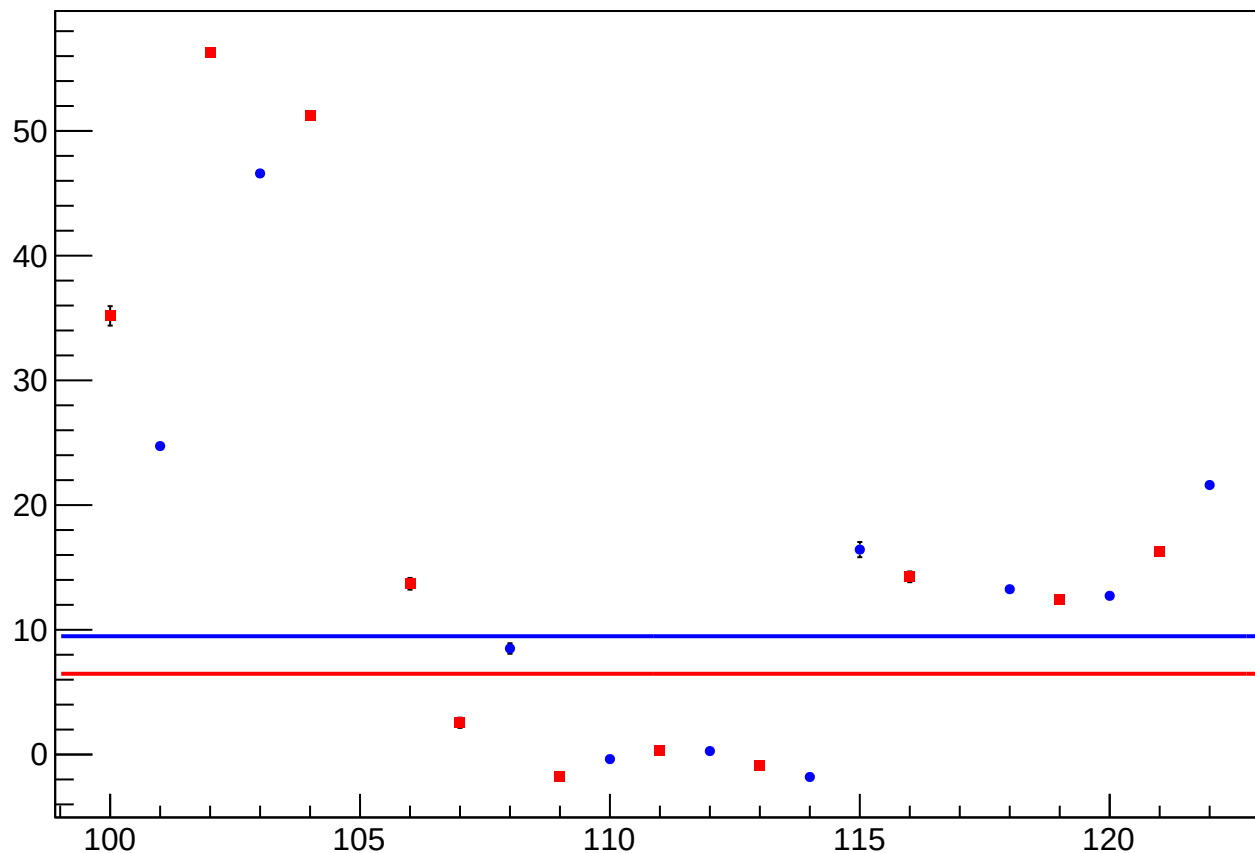
Right: 1.321+/-0.050 χ^2/NDF : 1372.1/20

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

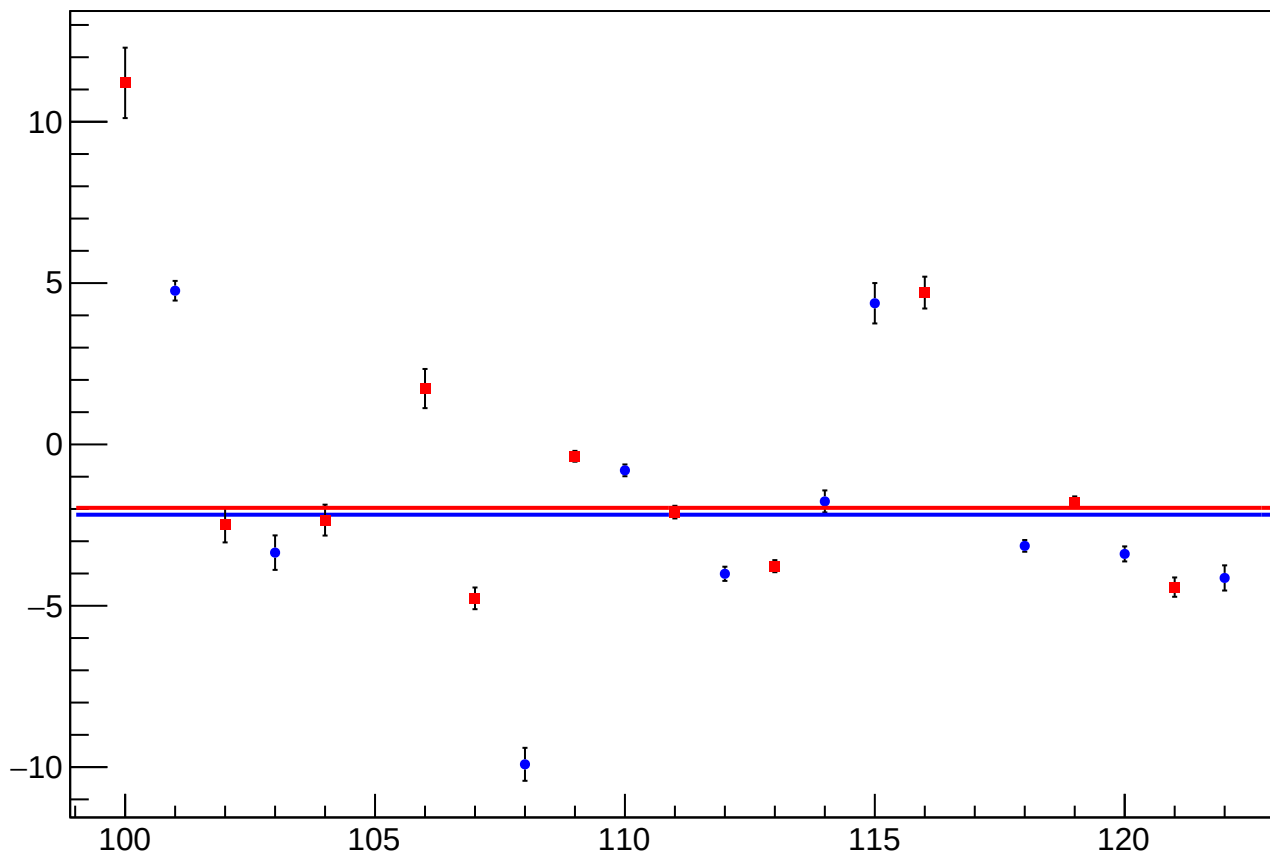
reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

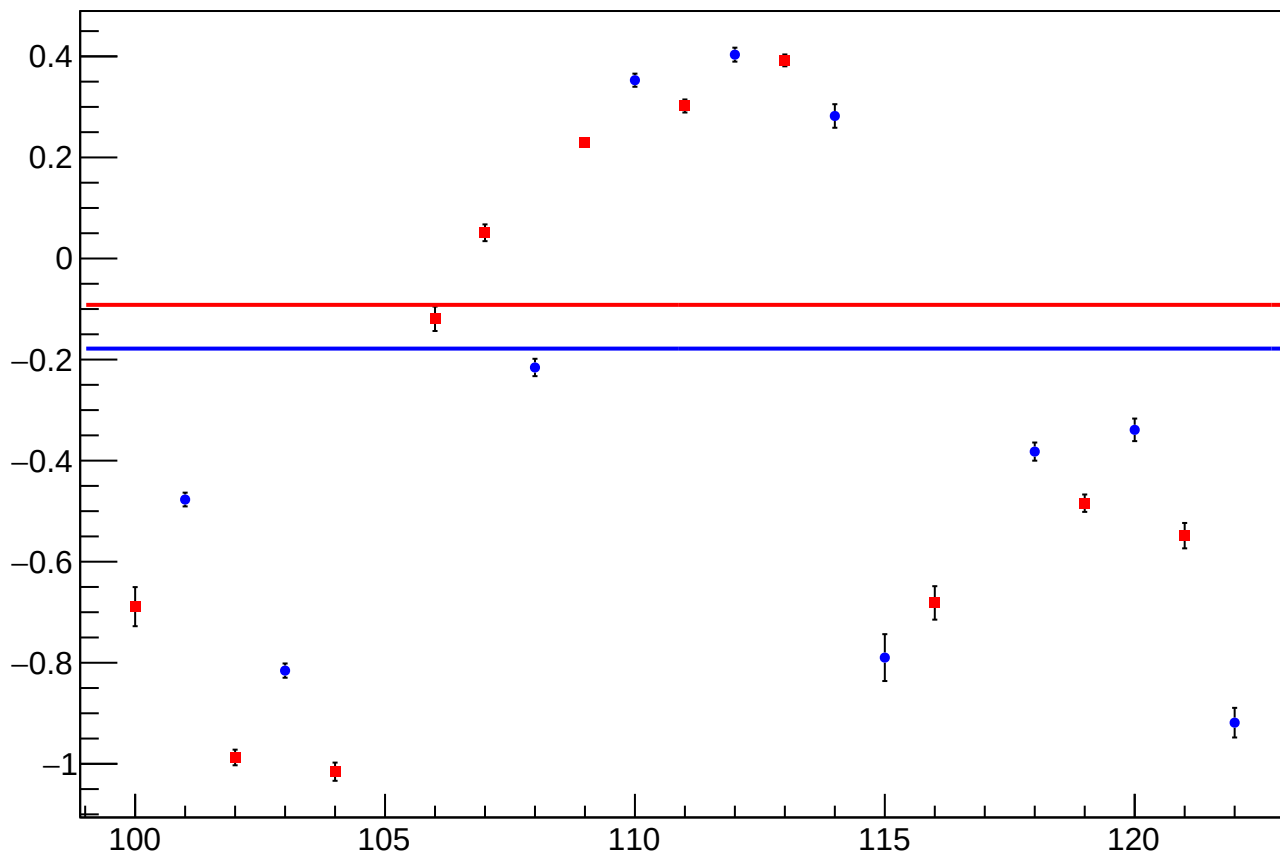
Right: -2.063 ± 0.059 χ^2/NDF : 1764.1/20

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

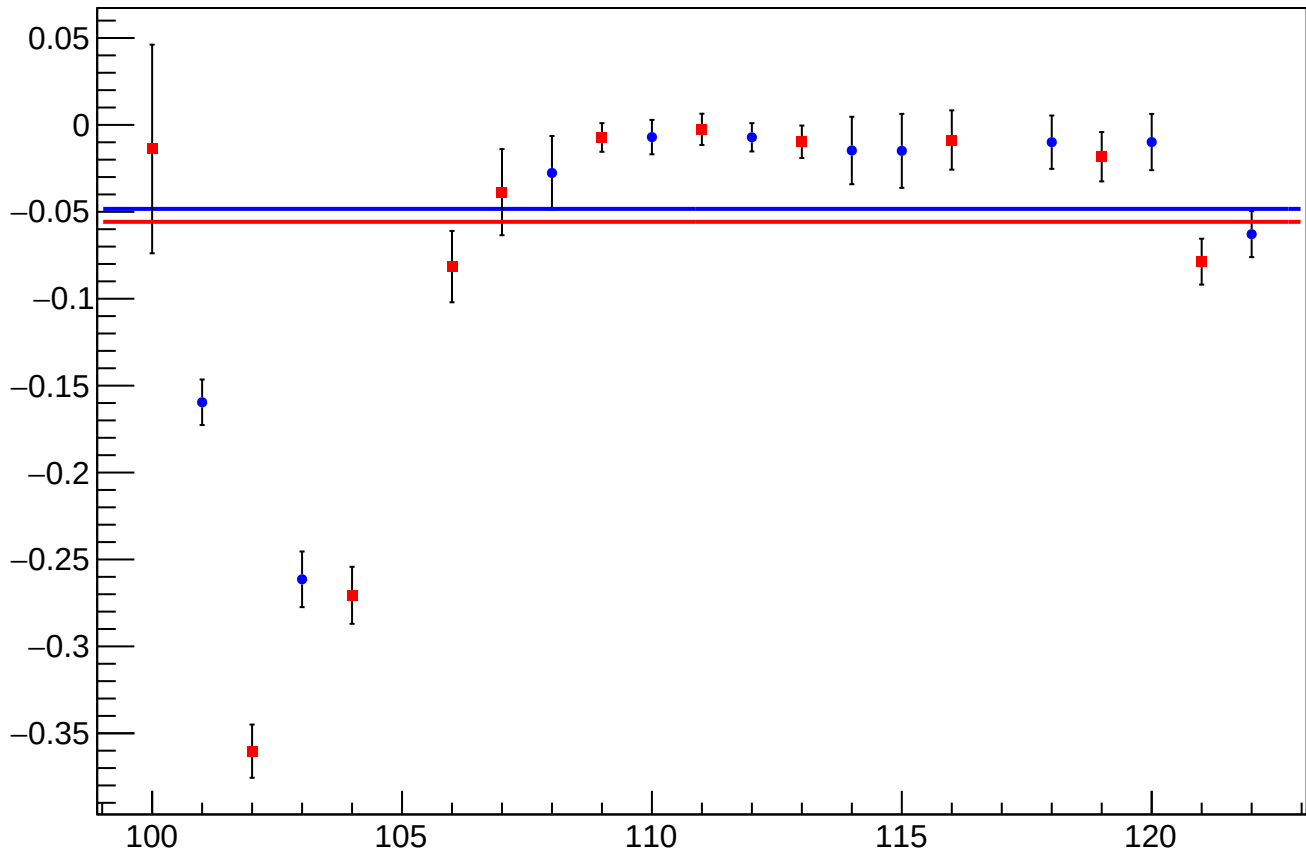
Right: -0.130 ± 0.004 χ^2/NDF : 18628.4/20

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

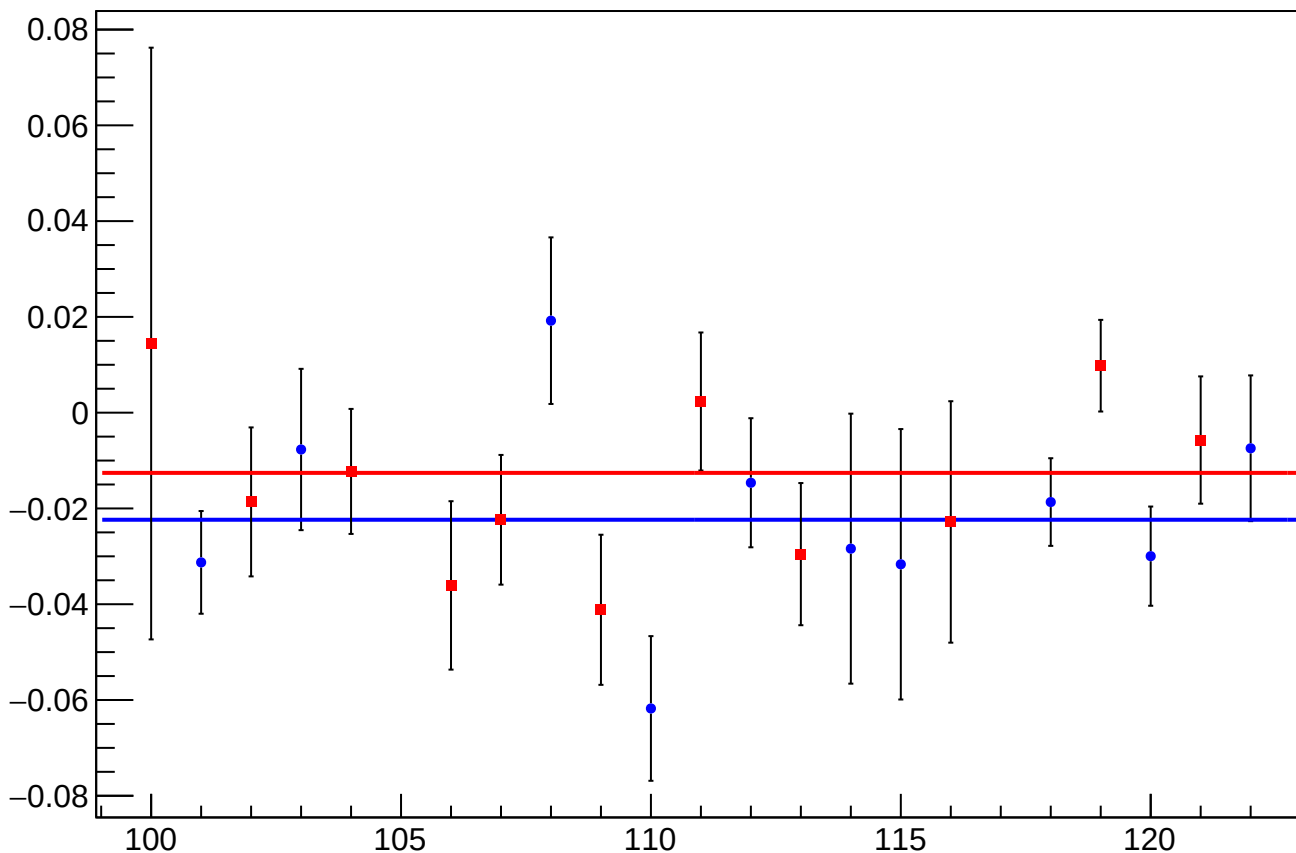
Right: -0.052+/-0.003 χ^2/NDF : 994.7/20

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

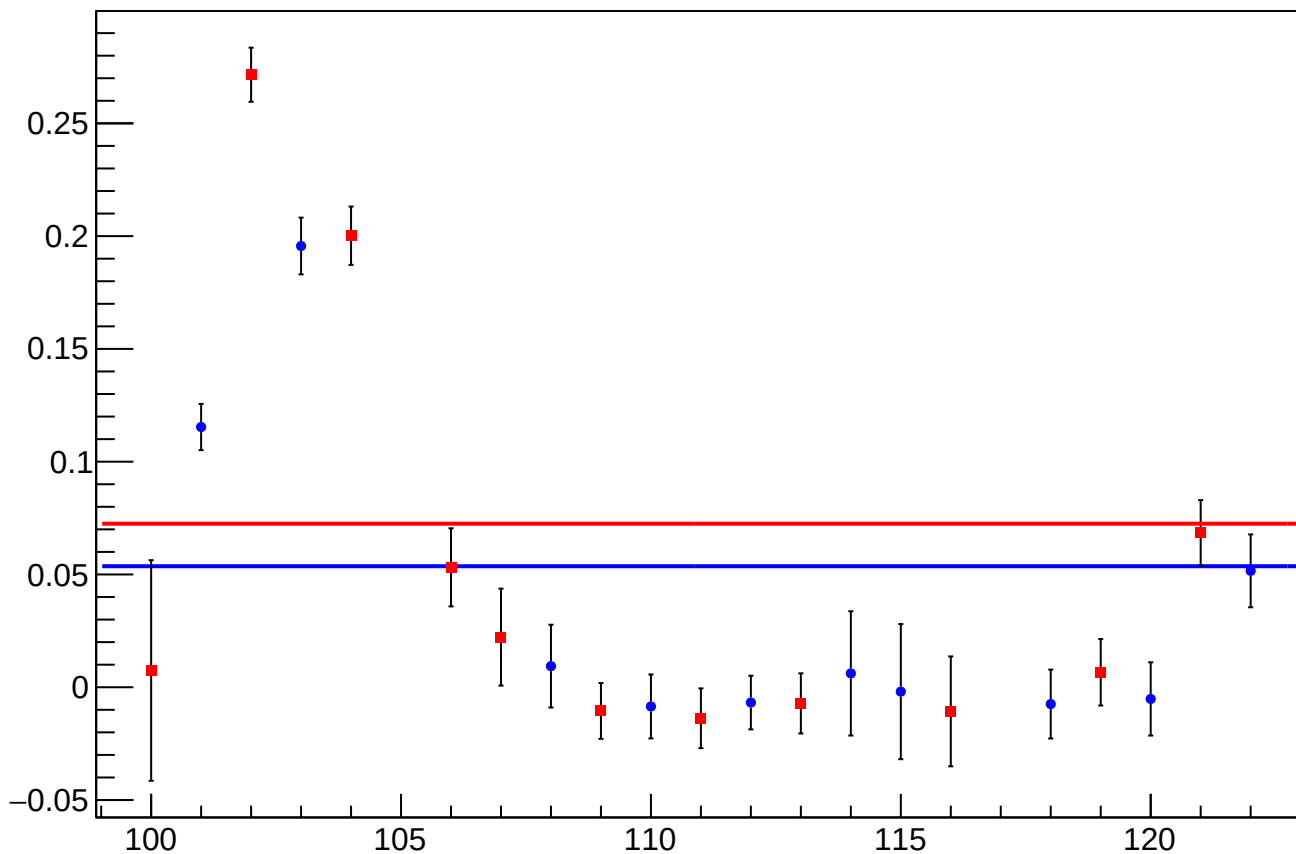
Right: -0.018 $\pm$ 0.003 χ^2 /NDF: 32.9/20

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

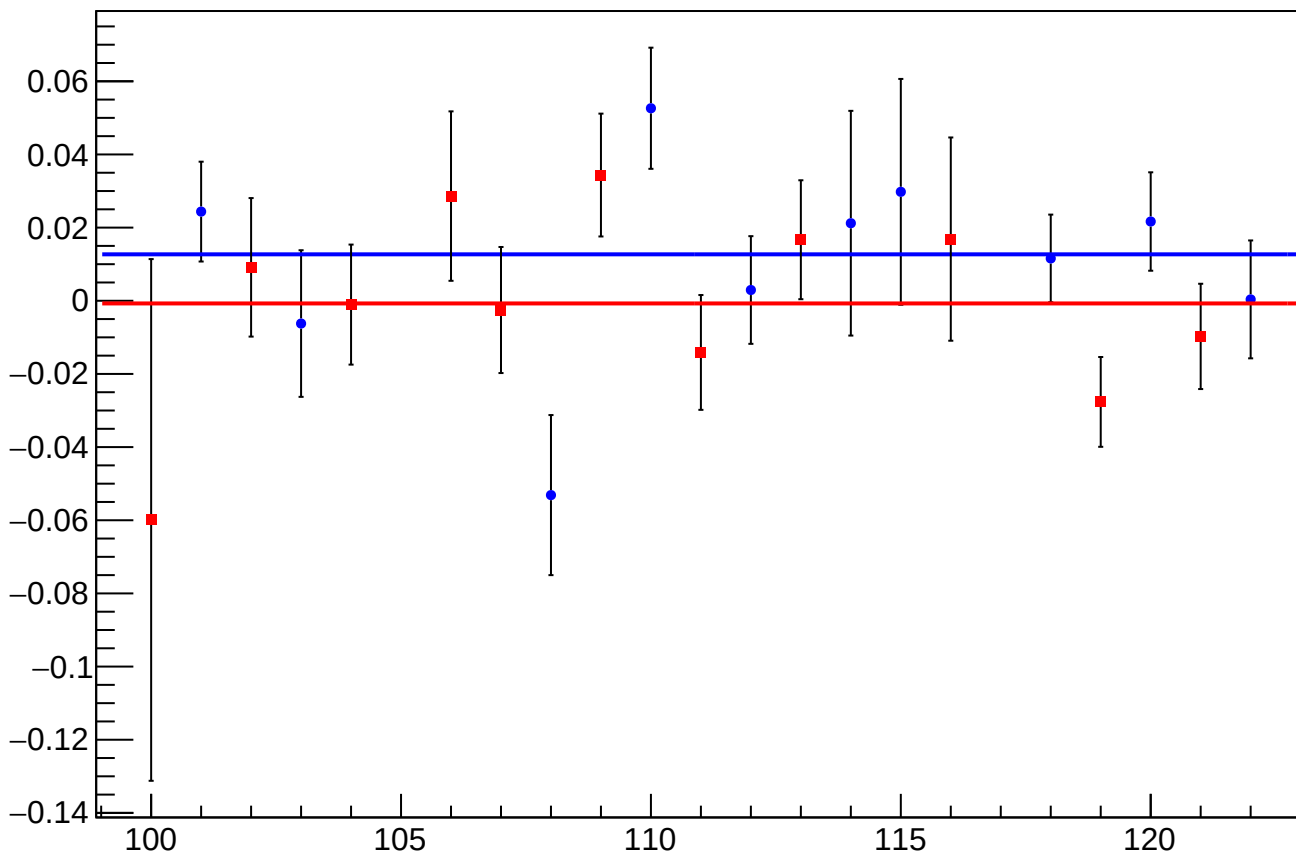
Right: 0.063+/-0.003 χ^2/NDF : 794.6/20

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

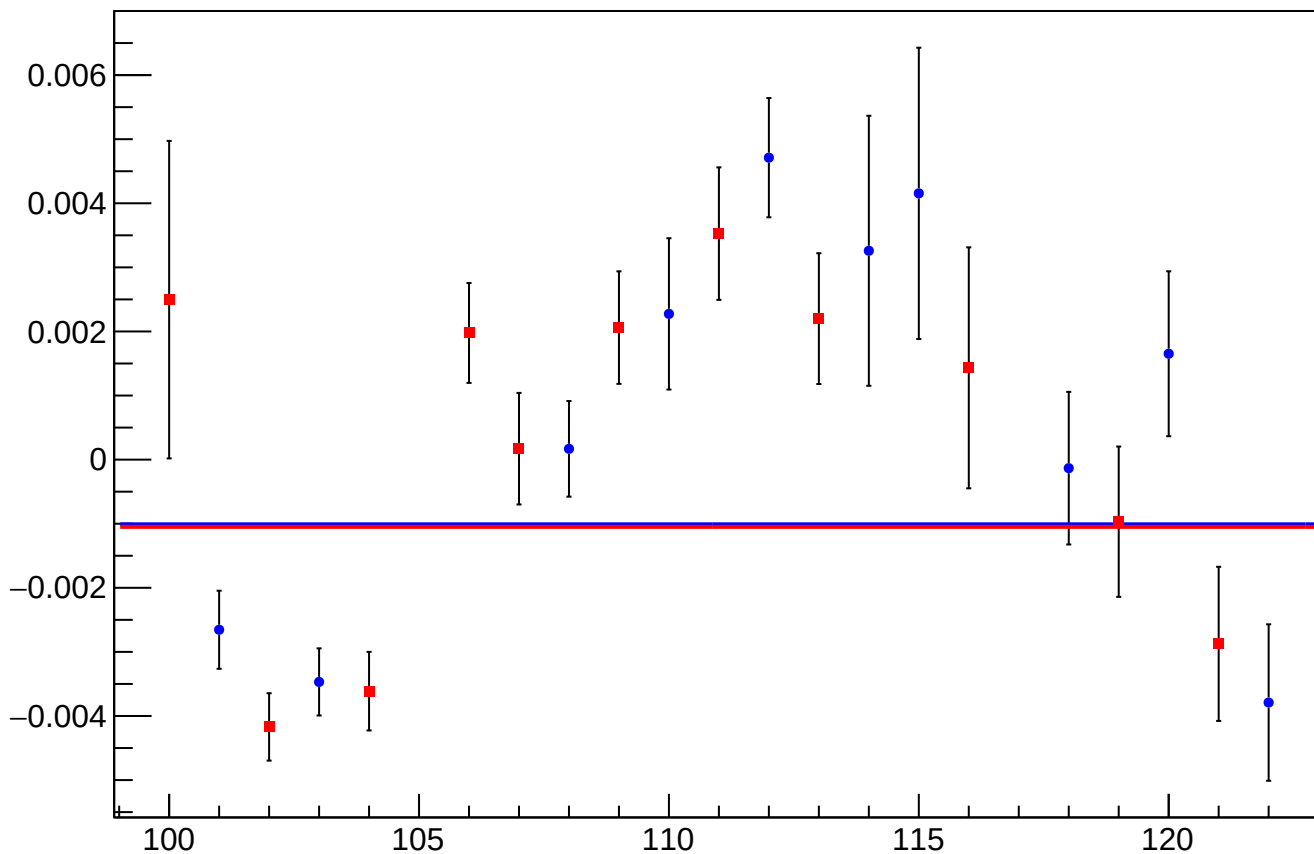
Right: 0.006+/-0.004 χ^2/NDF : 36.1/20

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

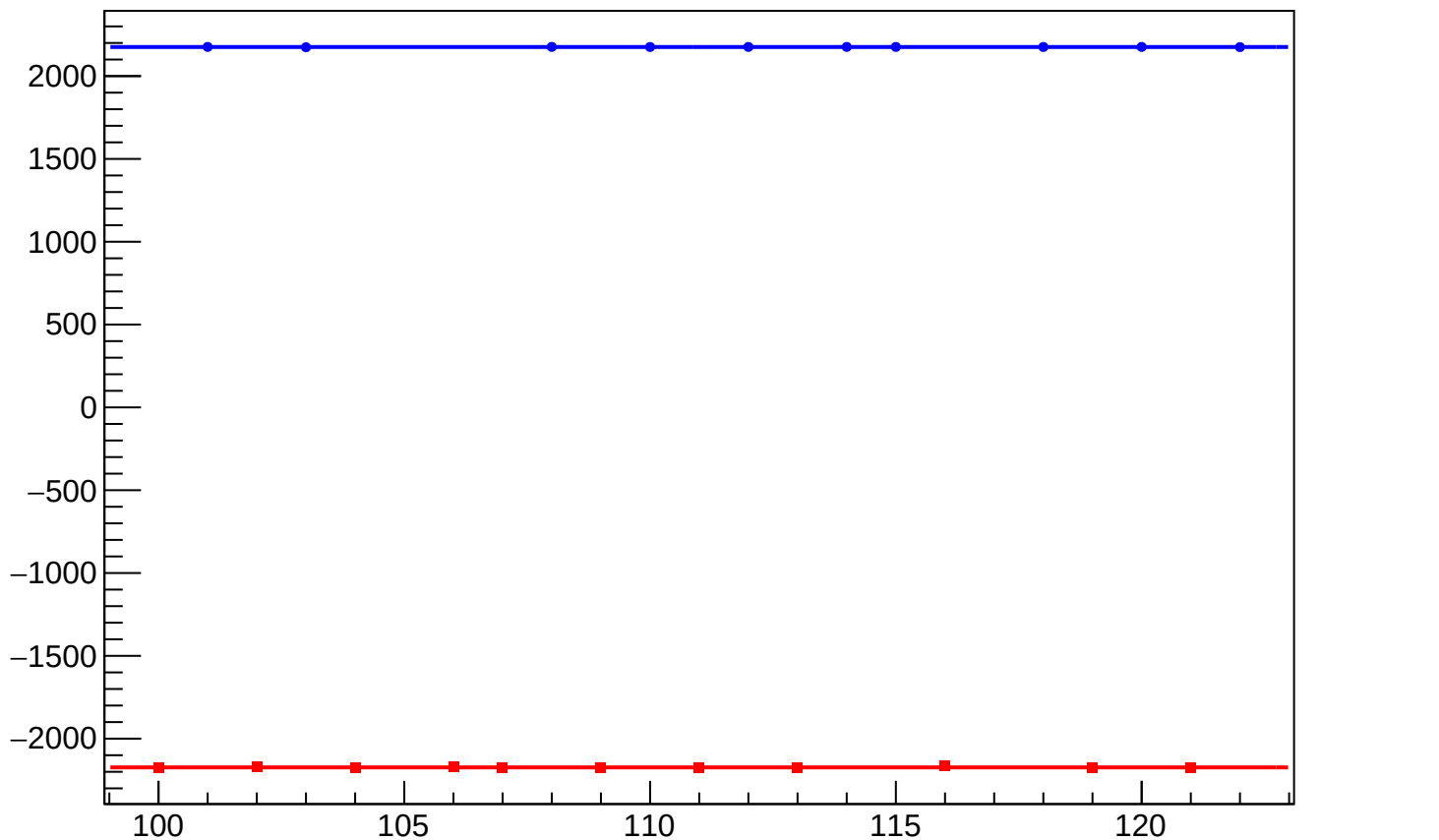
Right: -0.001+/-0.000 χ^2/NDF : 214.8/20

In: -0.001+/-0.000 χ^2/NDF :96.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

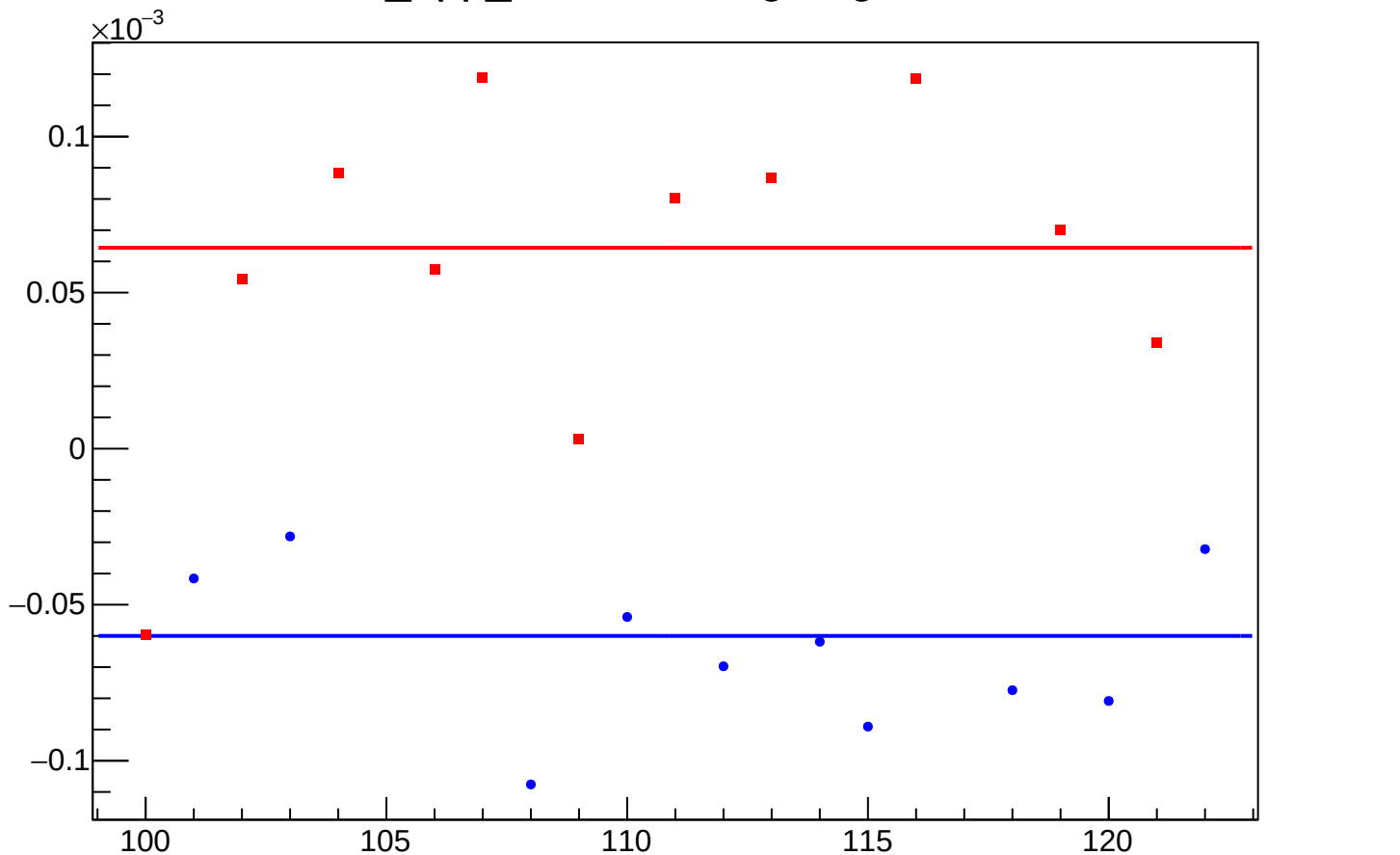
All: -0.001+/-0.000 χ^2/NDF : 214.8/20

HALLA_p_mean vs Slug, Sign Corrected



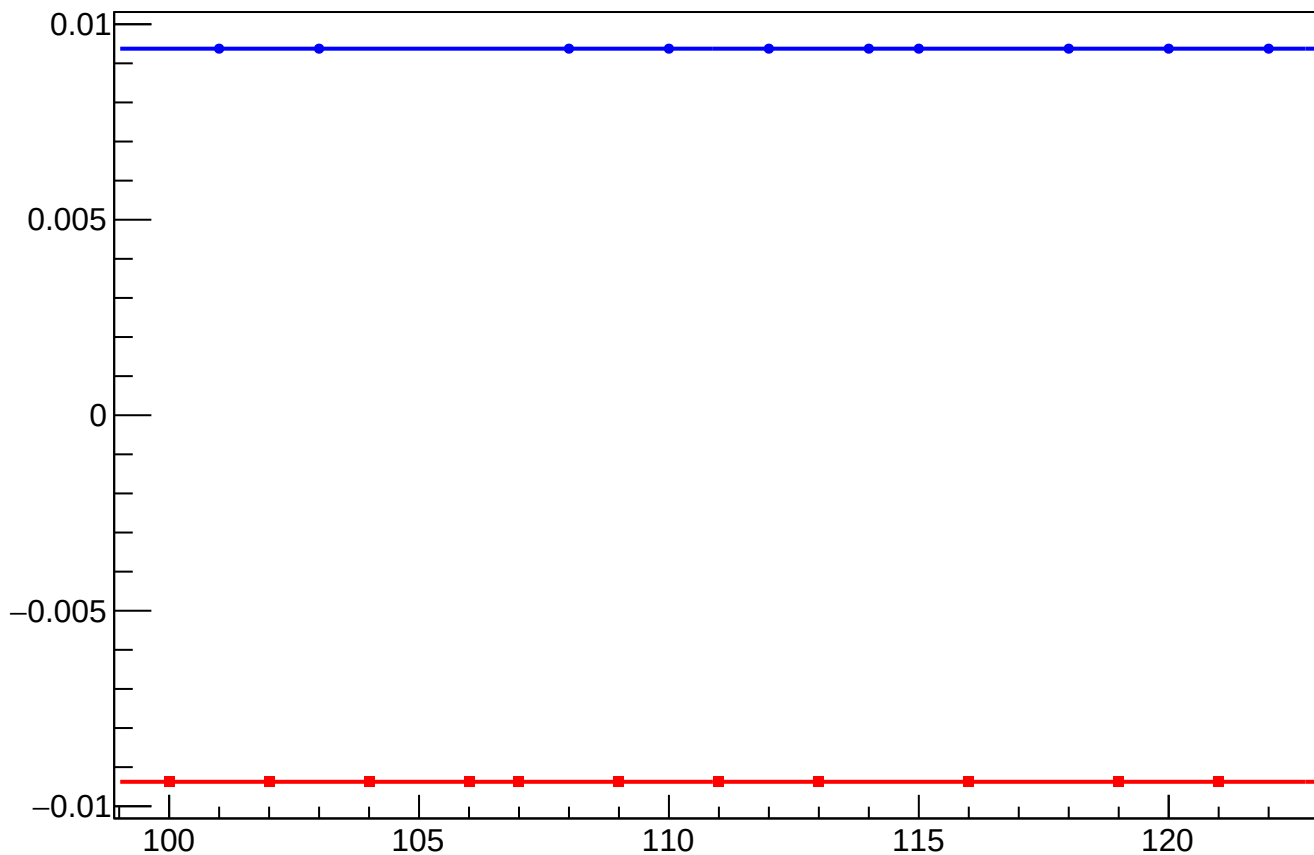
Right In: 2175.677+/-0.000 χ^2/NDF : 238648917366506955491952904110080.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2173.426+/-0.000 χ^2/NDF : 4151446440831243529764827585052672.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -111.774+/-0.000 χ^2/NDF : 41783163451030

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 263095982272525675528192.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 572119080960449260290048.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 42526892998417523

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 : 0.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

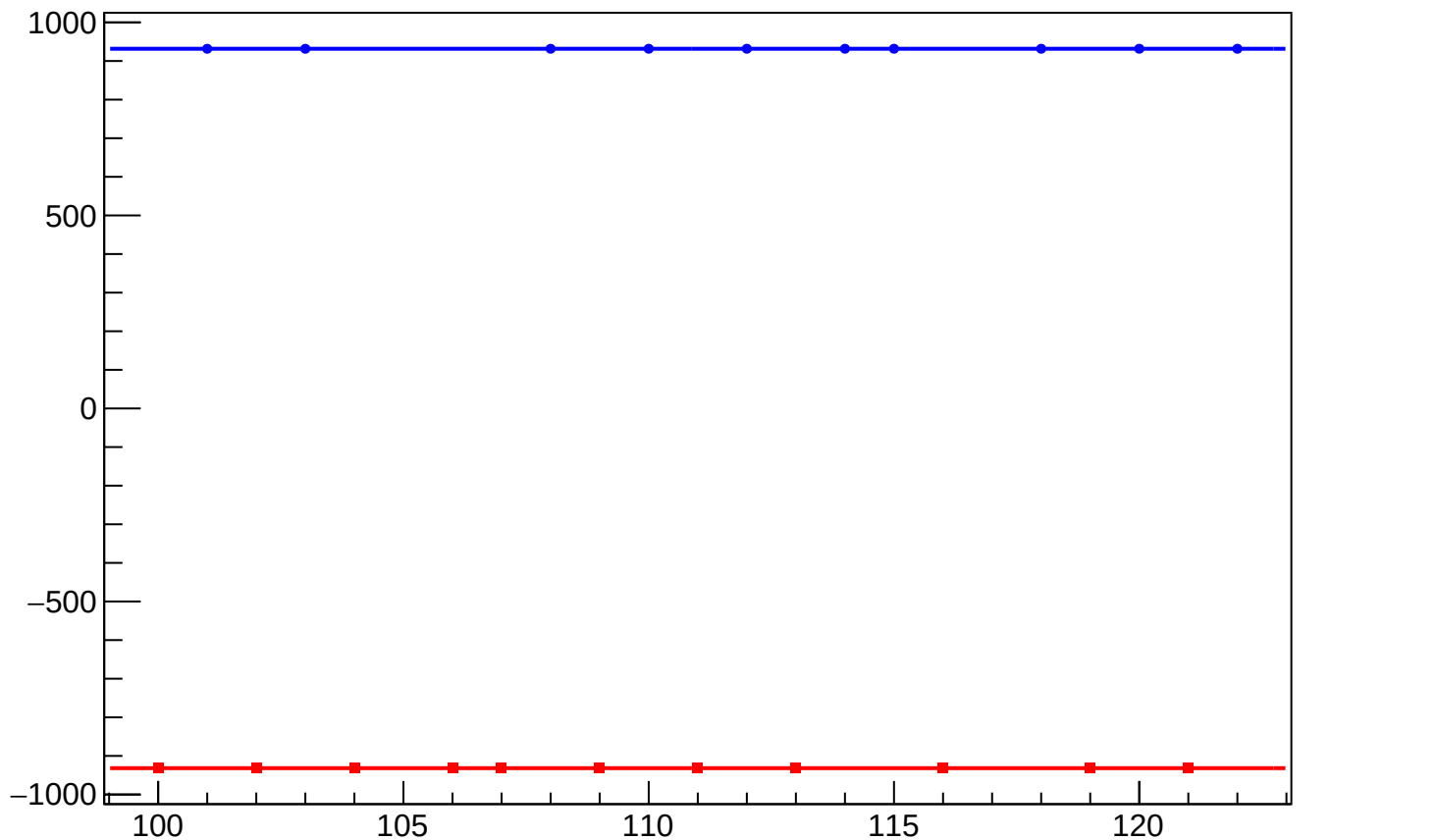
Right: -0.000+/-0.000 χ^2/NDF : 7766118792325050

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

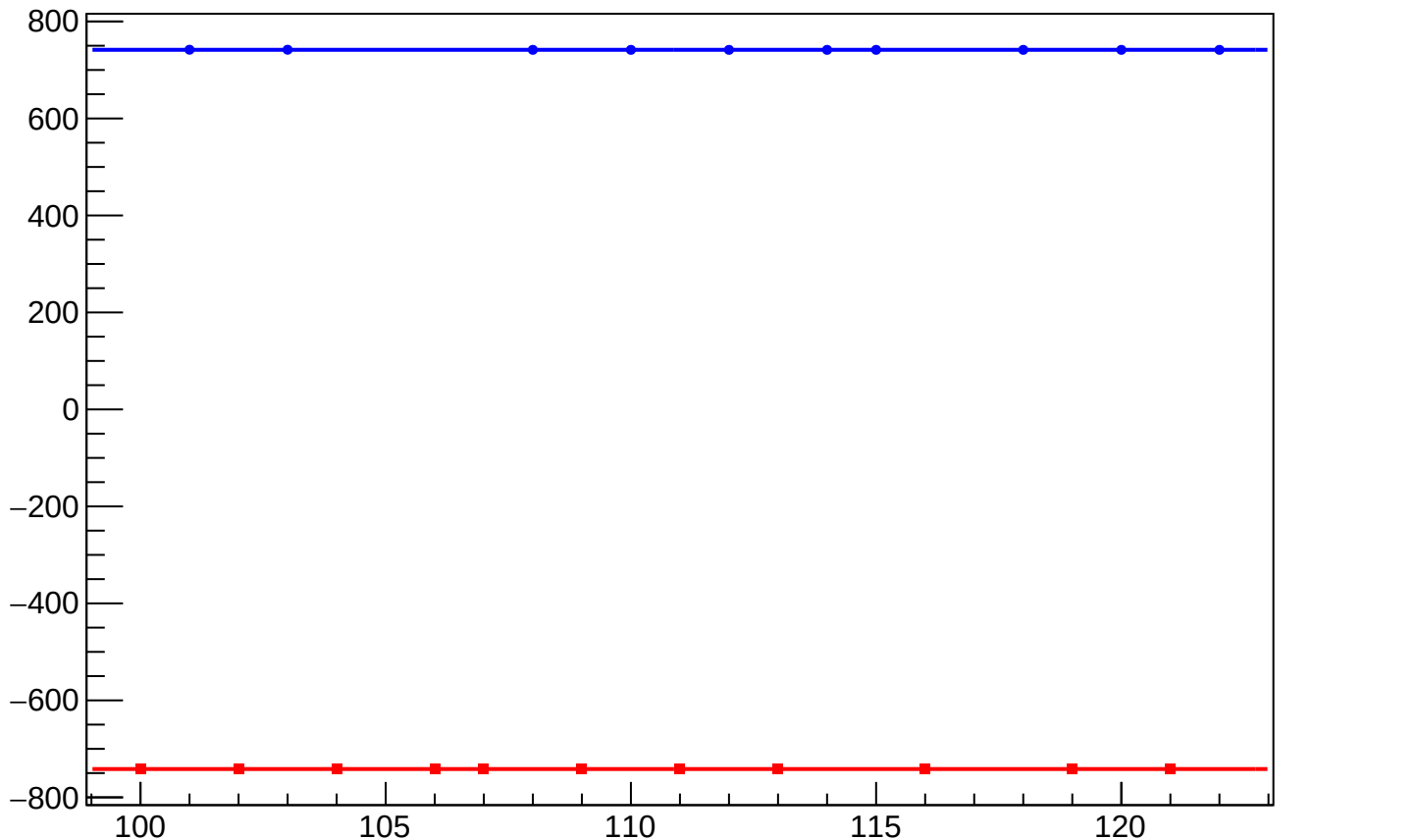
All: -0.000+/-0.000 χ^2/NDF : 7766118792325

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



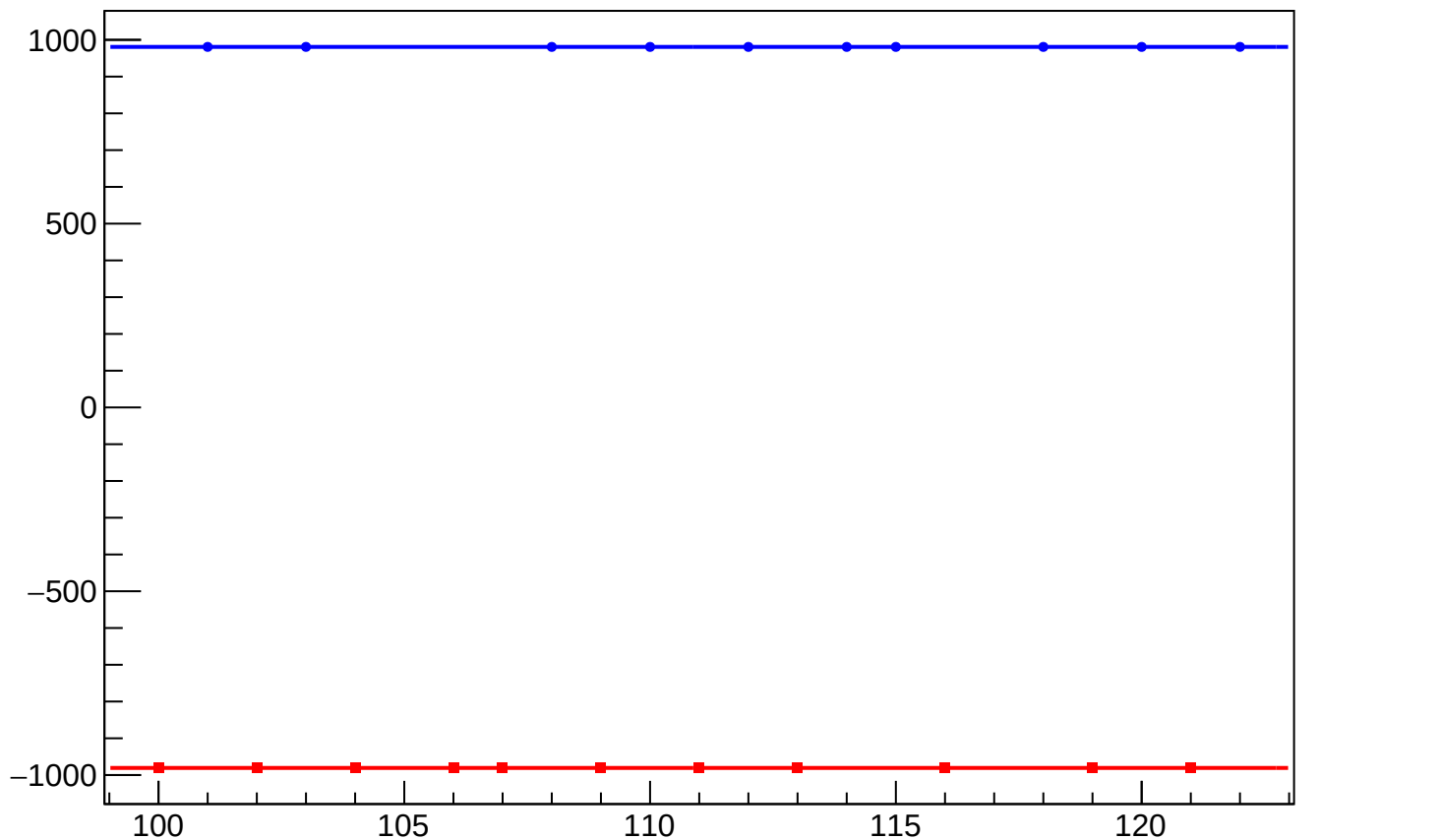
Right In: 931.721+/-0.000 χ^2/NDF : 335831269772626469011031326720.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.725+/-0.000 χ^2/NDF : 367132964949796601751536664576.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -48.375+/-0.000 χ^2/NDF : 767070115739639

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



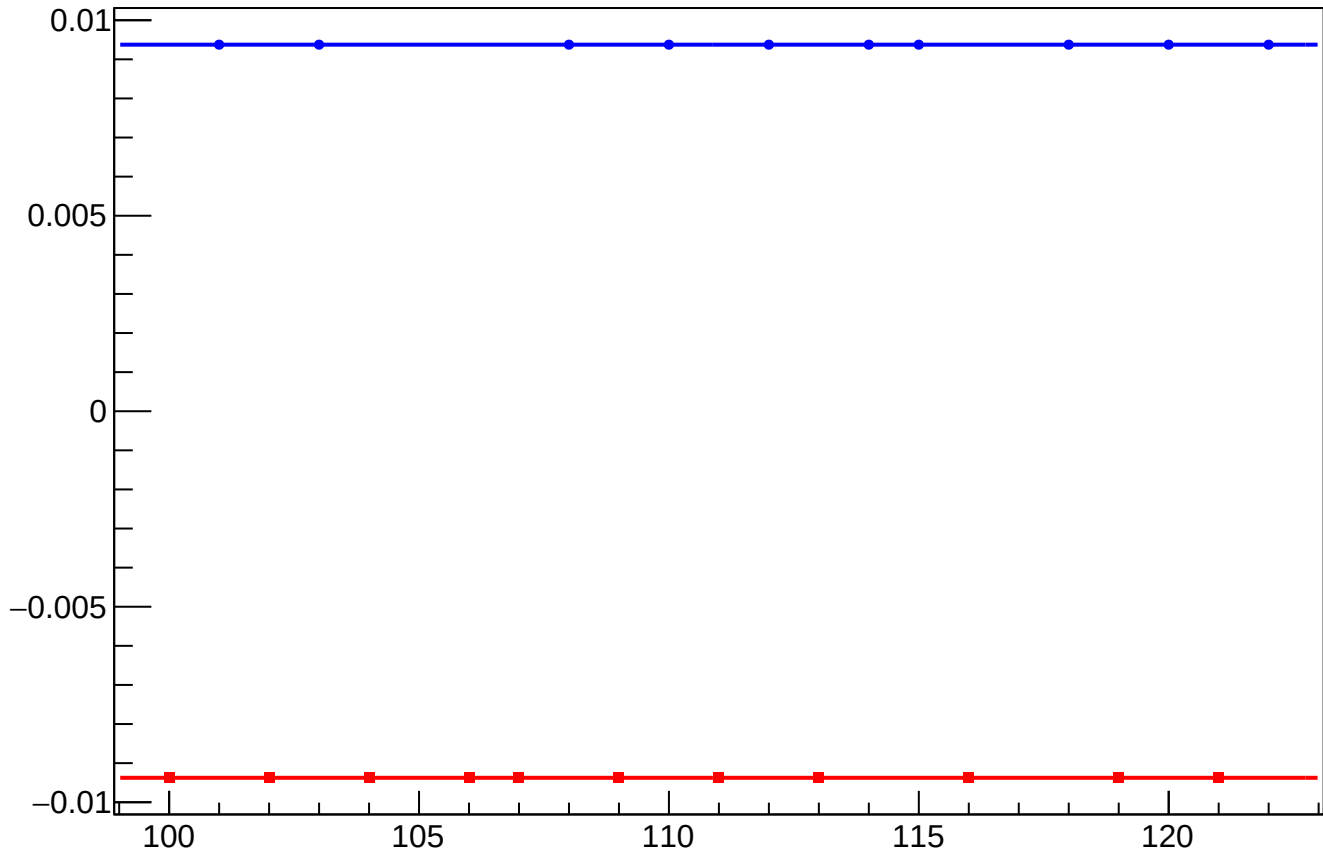
Right In: 741.600+/-0.000 χ^2/NDF : 5466449801330526994908330328064.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.608+/-0.000 χ^2/NDF : 6494029723949050298535134625792.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -38.507+/-0.000 χ^2/NDF : 485965893603598

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: -980.667+/-0.000 χ^2/NDF : 51889523853482203395132934324224.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -50.859+/-0.000 χ^2/NDF : 849878719245881.0/9

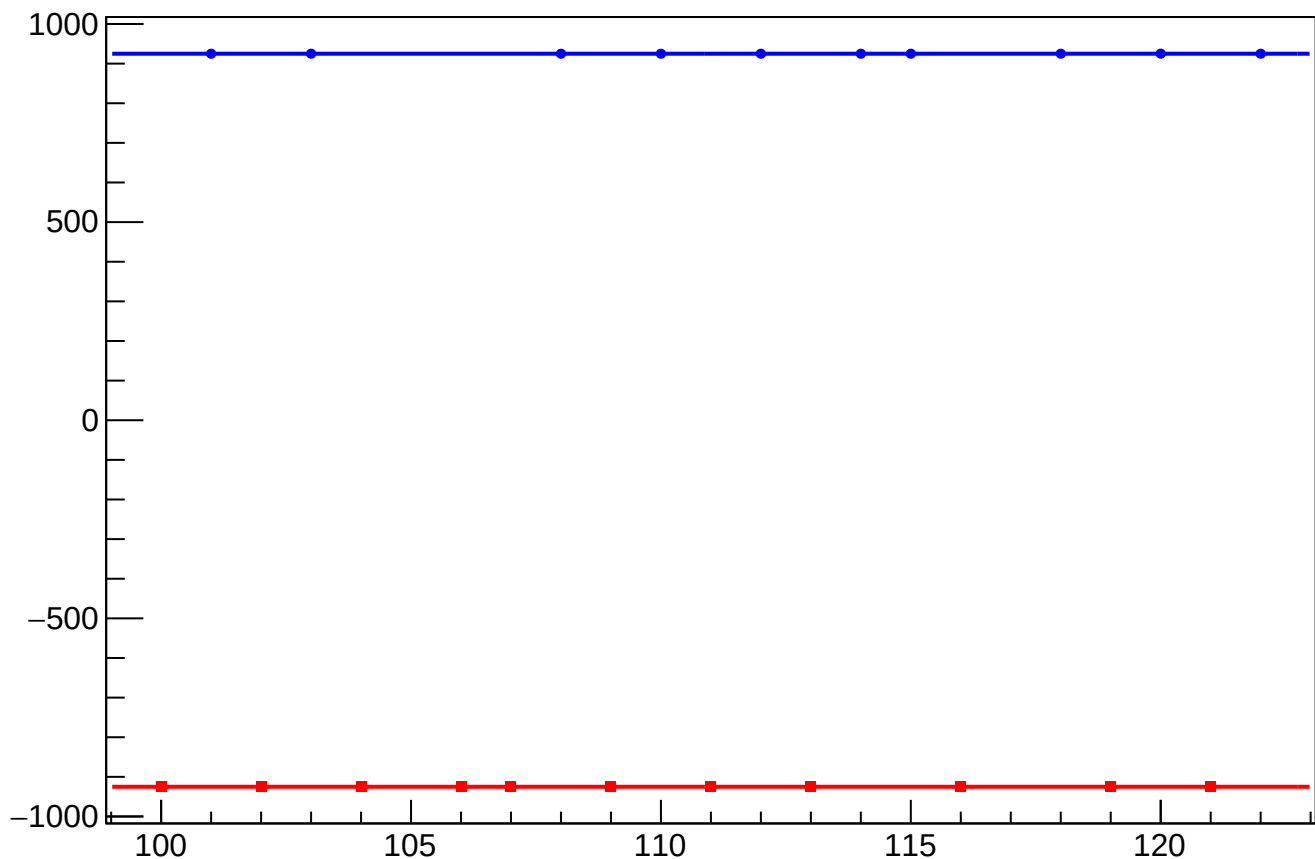
MQ172RM_mean vs Slug, Sign Corrected



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: 0.0/10
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

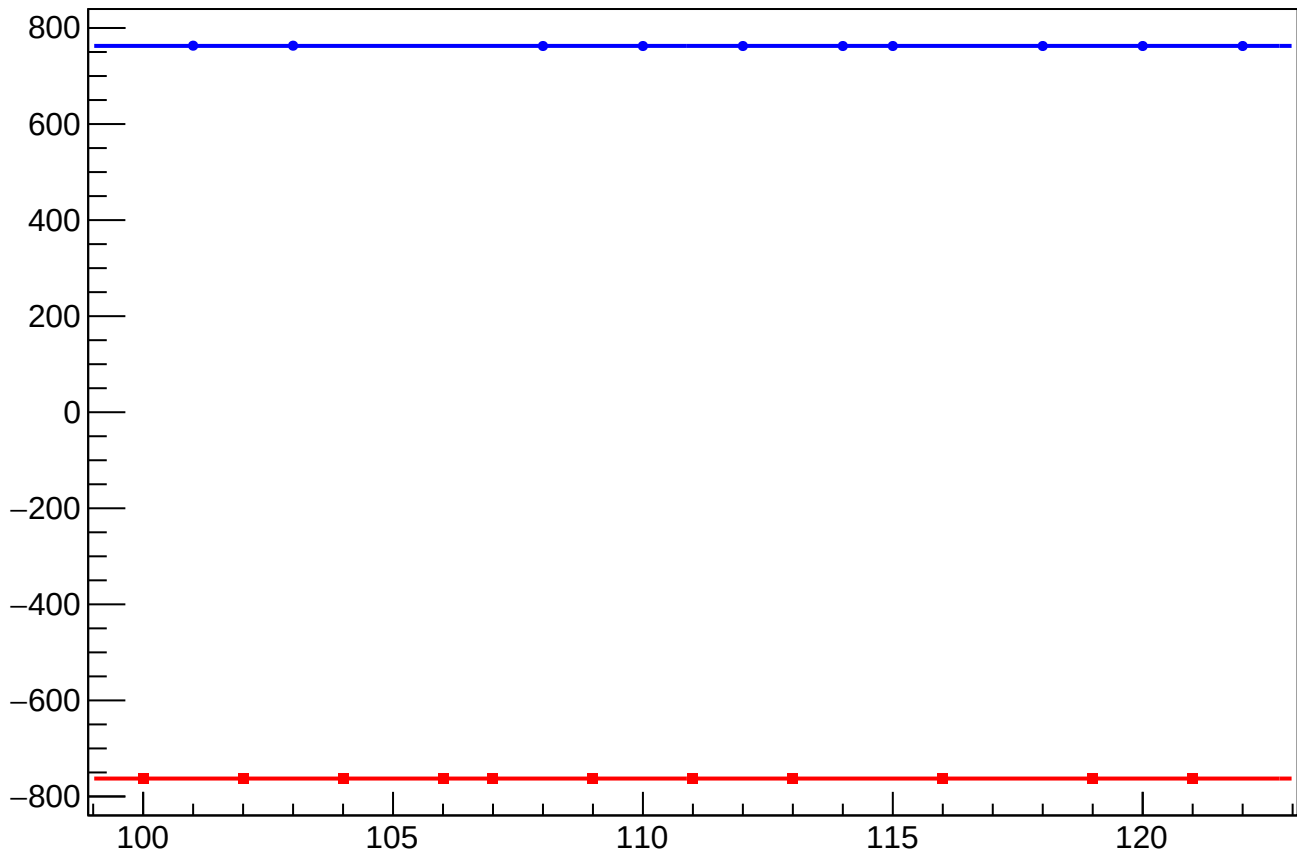
Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 7766118792325050
In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -0.000 $\pm$ 0.000 χ^2 /NDF: 7766118792325

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



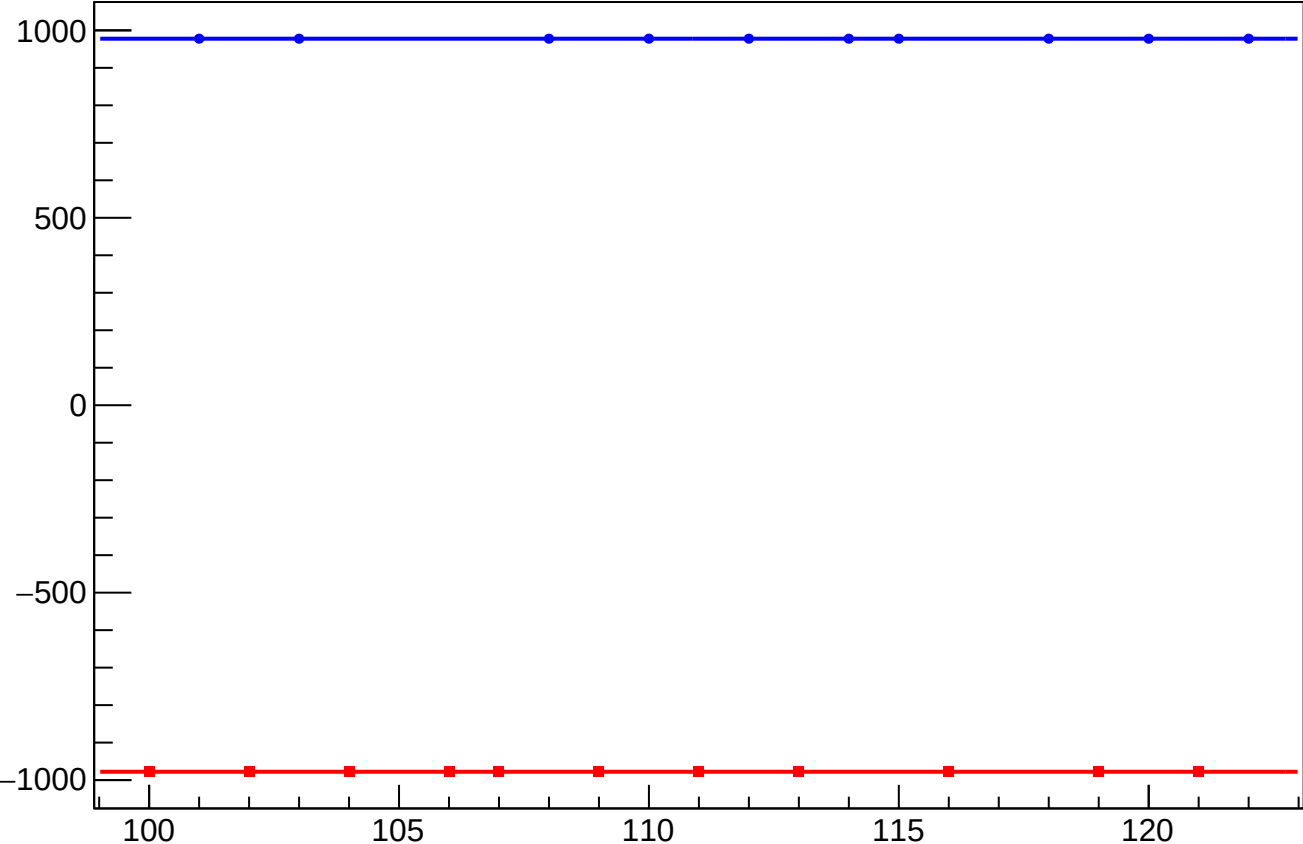
Right In: 924.987+/-0.000 χ^2/NDF : 823347902670756328461169590272.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.985+/-0.000 χ^2/NDF : 1018993561132254212383009931264.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -48.023+/-0.000 χ^2/NDF : 756016879370866

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



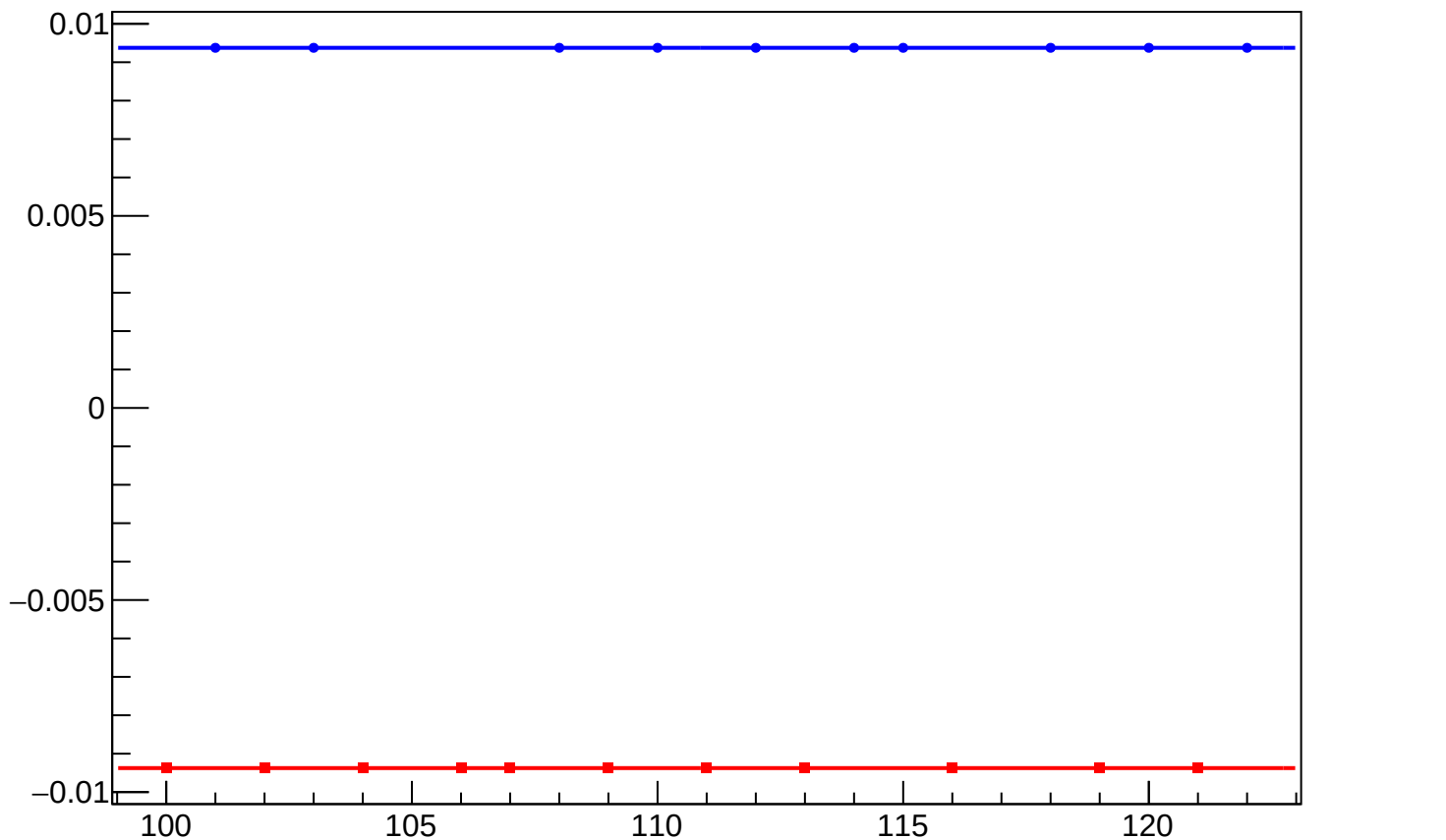
Right In: 762.709+/-0.000 χ^2/NDF : 42100768055252526895353399607296.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.693+/-0.000 χ^2/NDF : 46474991963866644516330121723904.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -39.590+/-0.000 χ^2/NDF : 514008024004003.0

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 : 842811795528506244686896168960.0/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -50.764+/-0.000 χ^2/NDF : 844738349155706.0/9

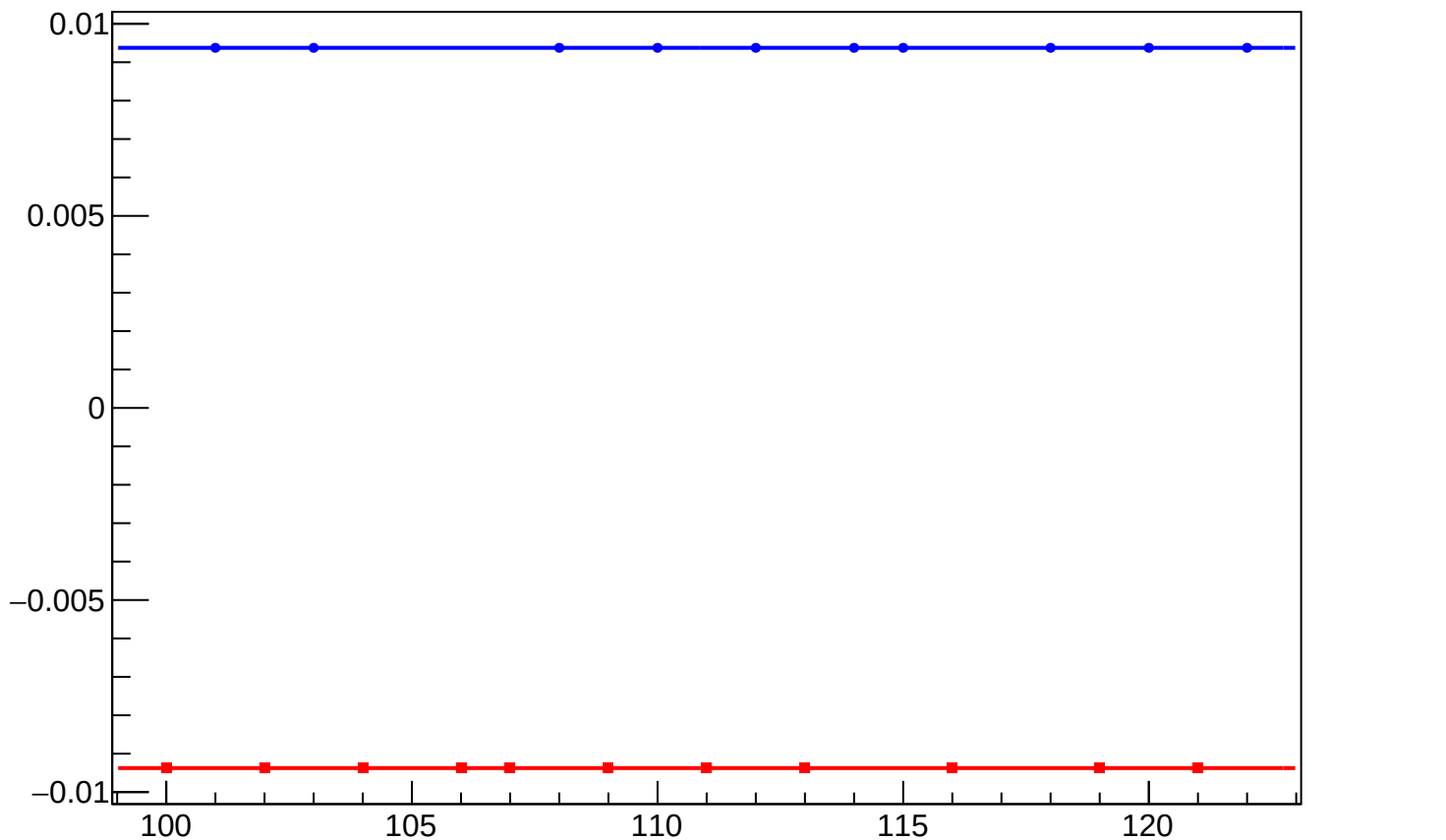
hesDipole_current_mean vs Slug, Sign Corrected



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 : 0.0/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -0.000+/-0.000 χ^2/NDF : 7766118792325050
In: 0.009+/-0.000 χ^2/NDF : 0.0/9
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -0.000+/-0.000 χ^2/NDF : 7766118792325

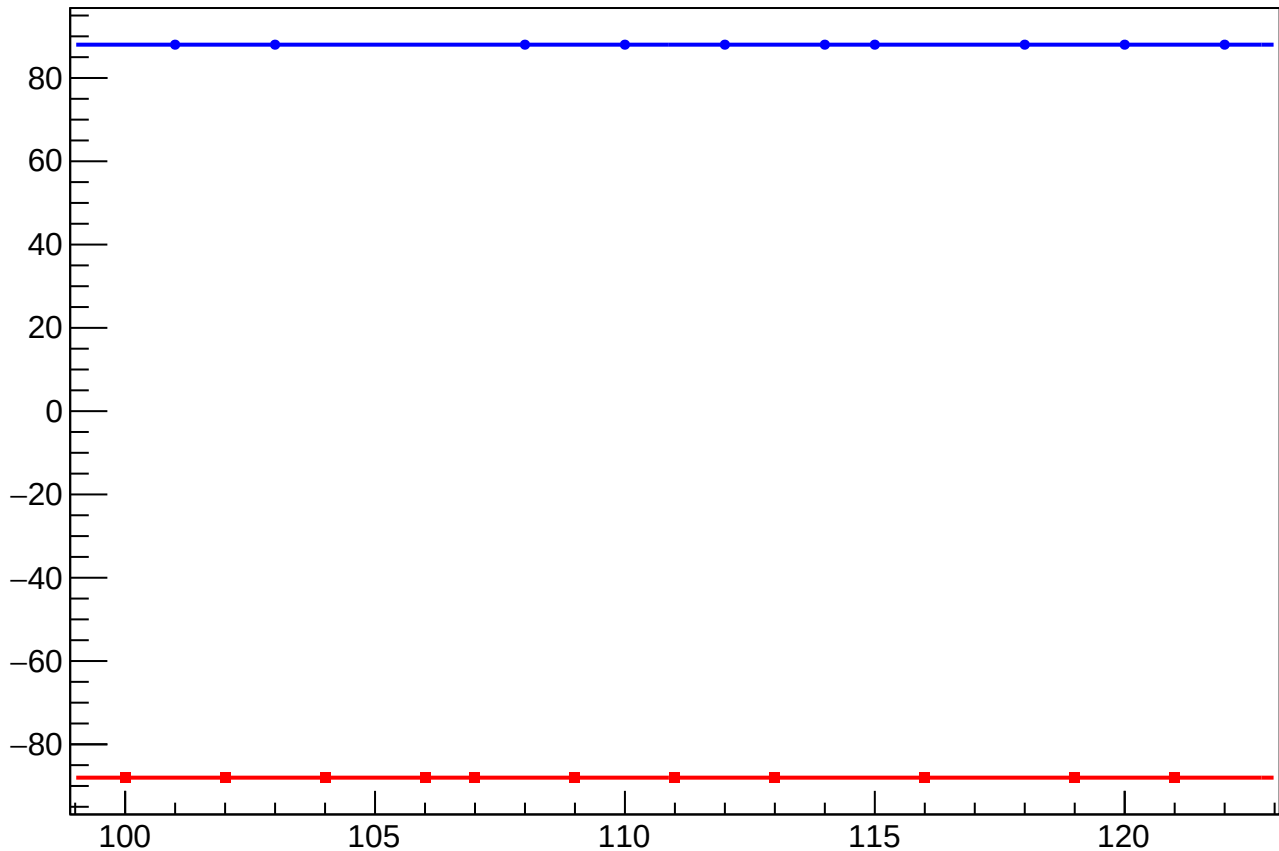
MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



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 : 0.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 7766118792325050
 In: 0.009+/-0.000 χ^2/NDF : 0.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 7766118792325

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 : 69672467843207436344104058880.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

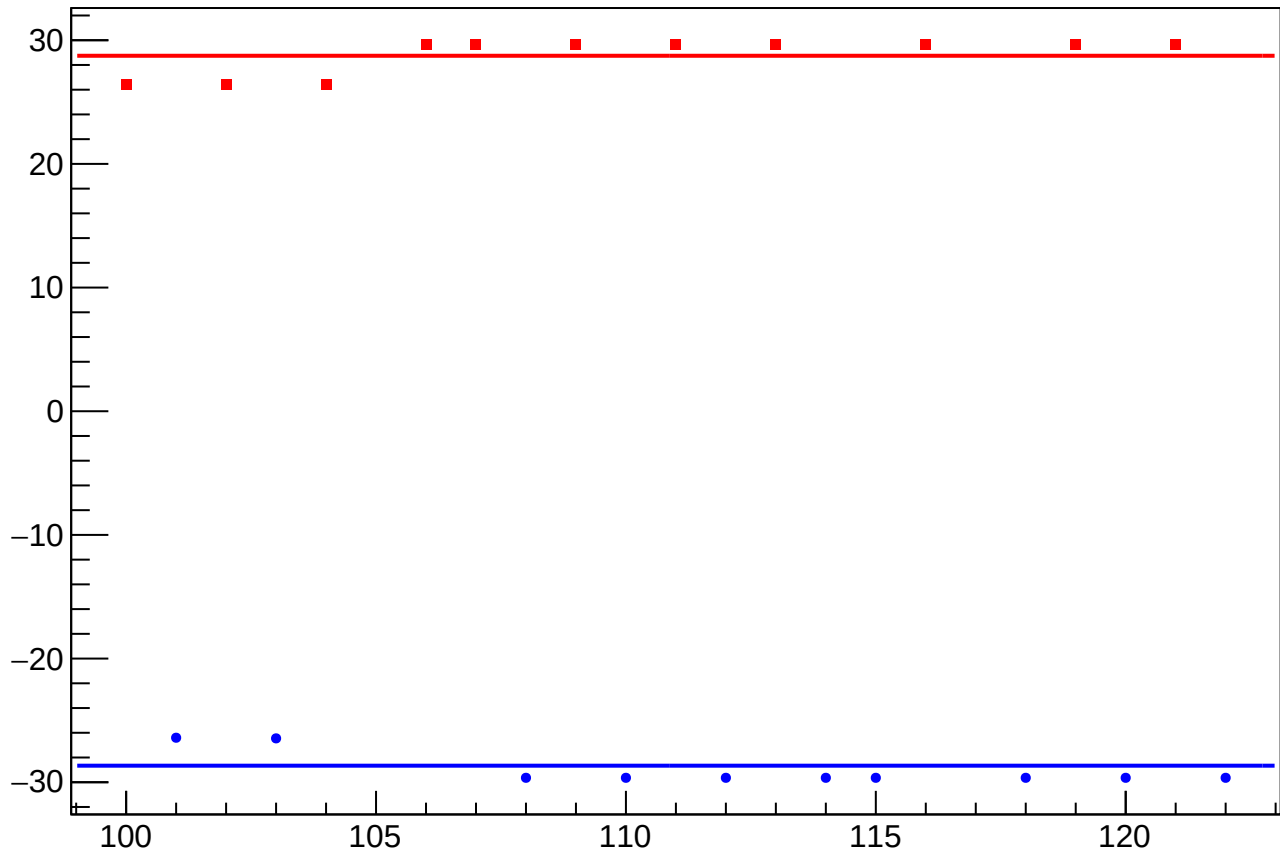
Right: -4.571+/-0.000 χ^2/NDF : 6843142939578649

In: 88.001+/-0.000 χ^2/NDF : 803552.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

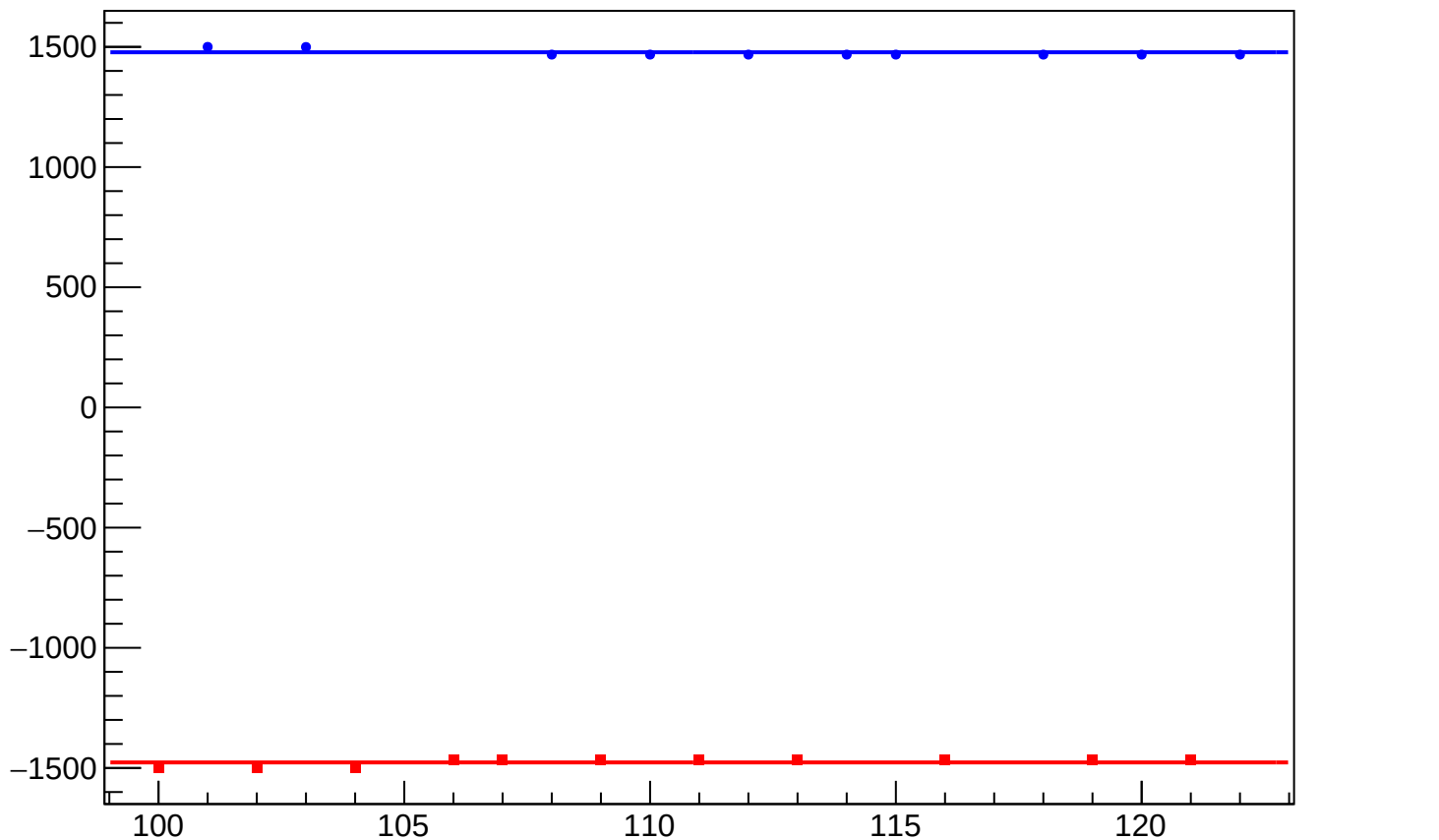
All: -4.571+/-0.000 χ^2/NDF : 6843142939578

HWienAngle_mean vs Slug, Sign Corrected



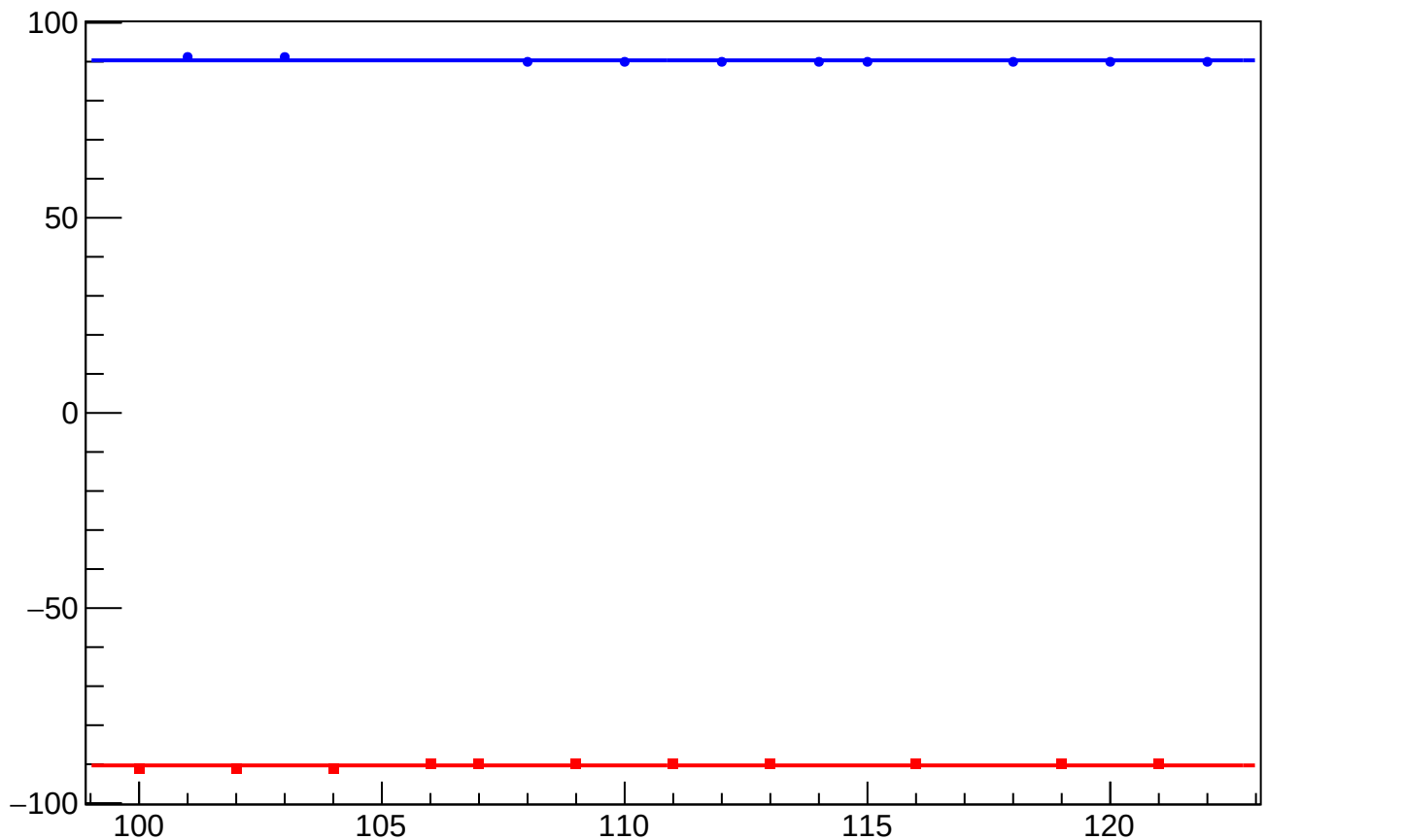
Right In: -28.661+/-0.000 χ^2/NDF : 919731394285736865991463733821440.0/9
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 28.744+/-0.000 χ^2/NDF : 979317950214607419517066033496064.0/10
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.532+/-0.000 χ^2/NDF : 72984247923084898

psub_pl_pos_mean vs Slug, Sign Corrected



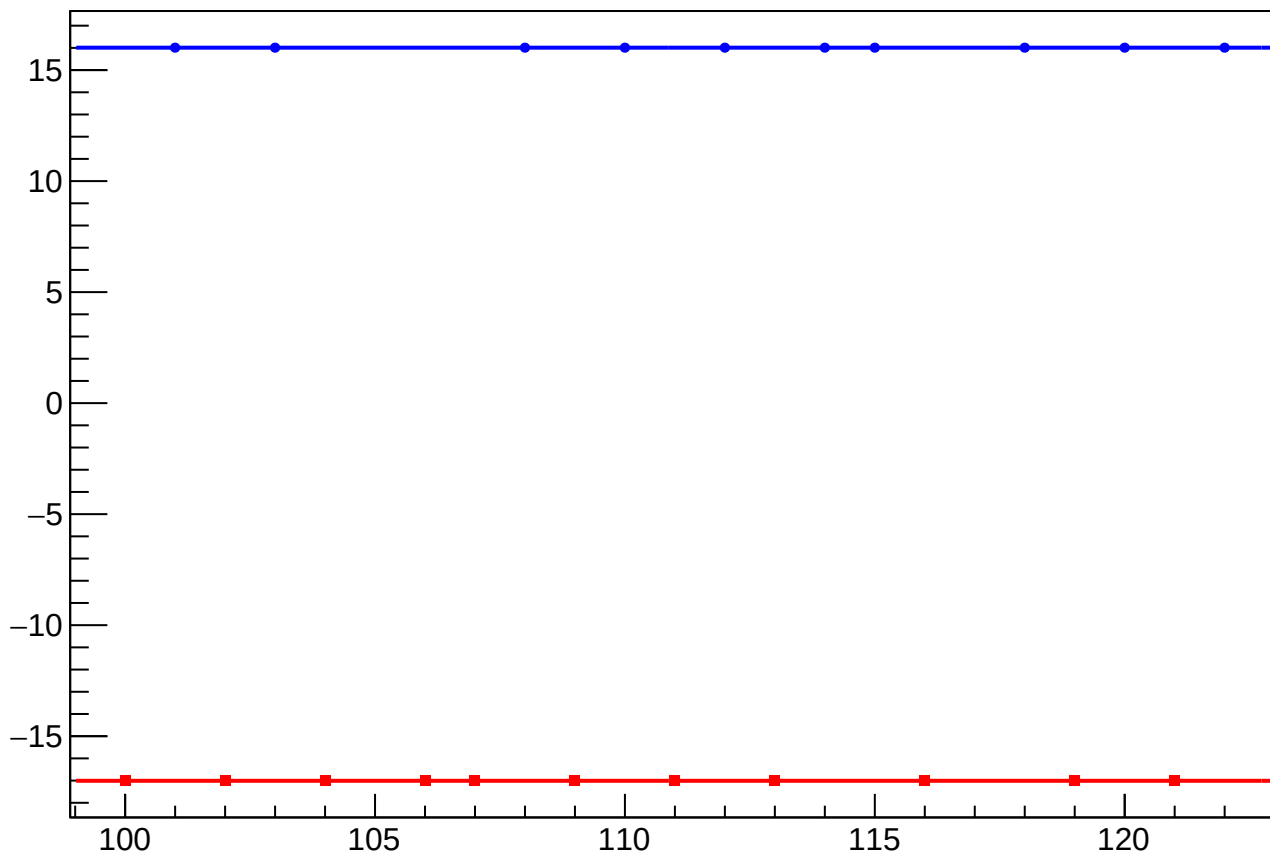
Right In: 1477.662 $\pm$ 0.000 χ^2 /NDF: 89836286504042277981641585534697472.0/9
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
Right Out: -1476.844 $\pm$ 0.000 χ^2 /NDF: 95656501996822898948130607311355904.0/10
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
All: -76.288 $\pm$ 0.000 χ^2 /NDF: 192846997382418

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: -90.303+/-0.000 χ^2/NDF : 143442242060104280636046383775744.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.673+/-0.000 χ^2/NDF : 7208265004122897

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 : 3586054228147897515376640.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

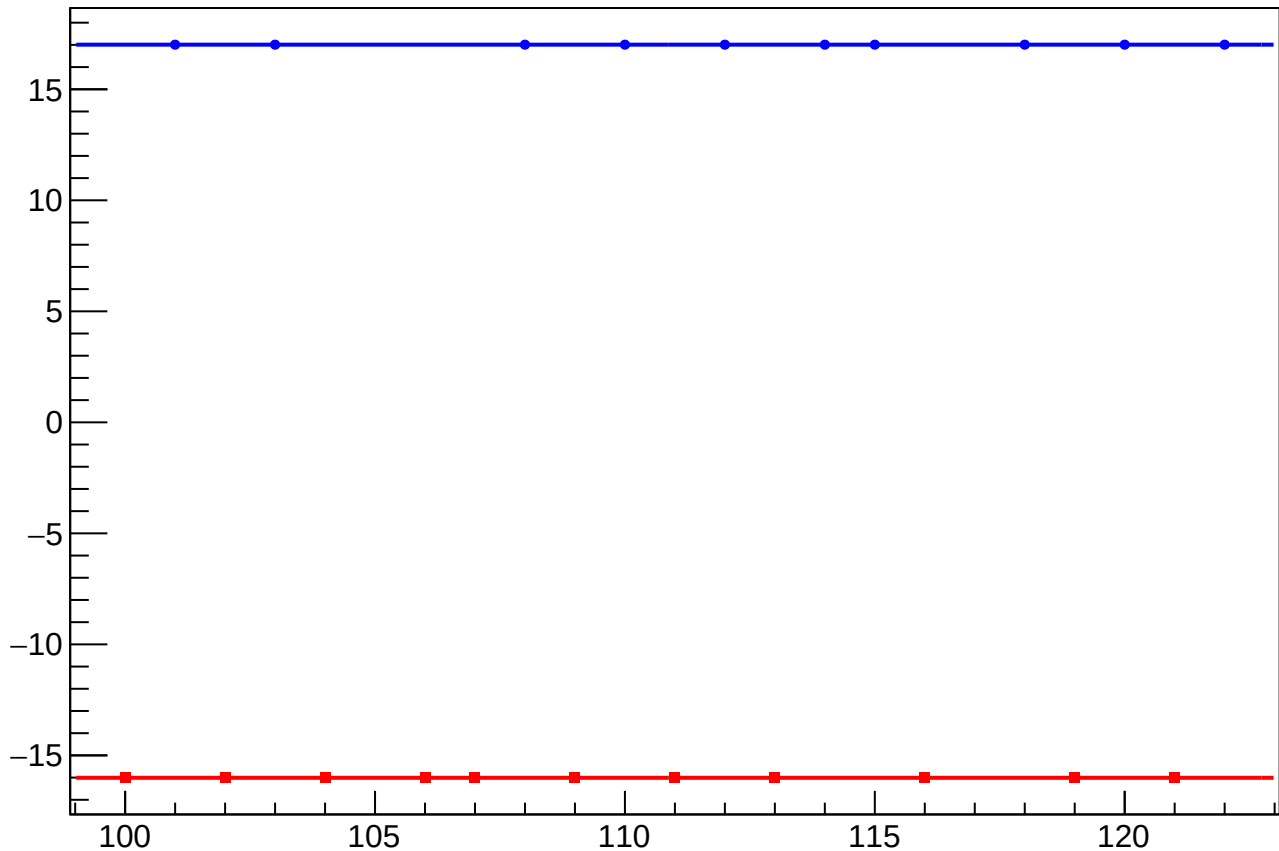
Right: -0.480+/-0.000 χ^2/NDF : 2254056747341441

In: 16.009+/-0.000 χ^2/NDF : 34608.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.480+/-0.000 χ^2/NDF : 2254056747341

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 : 33813.7/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

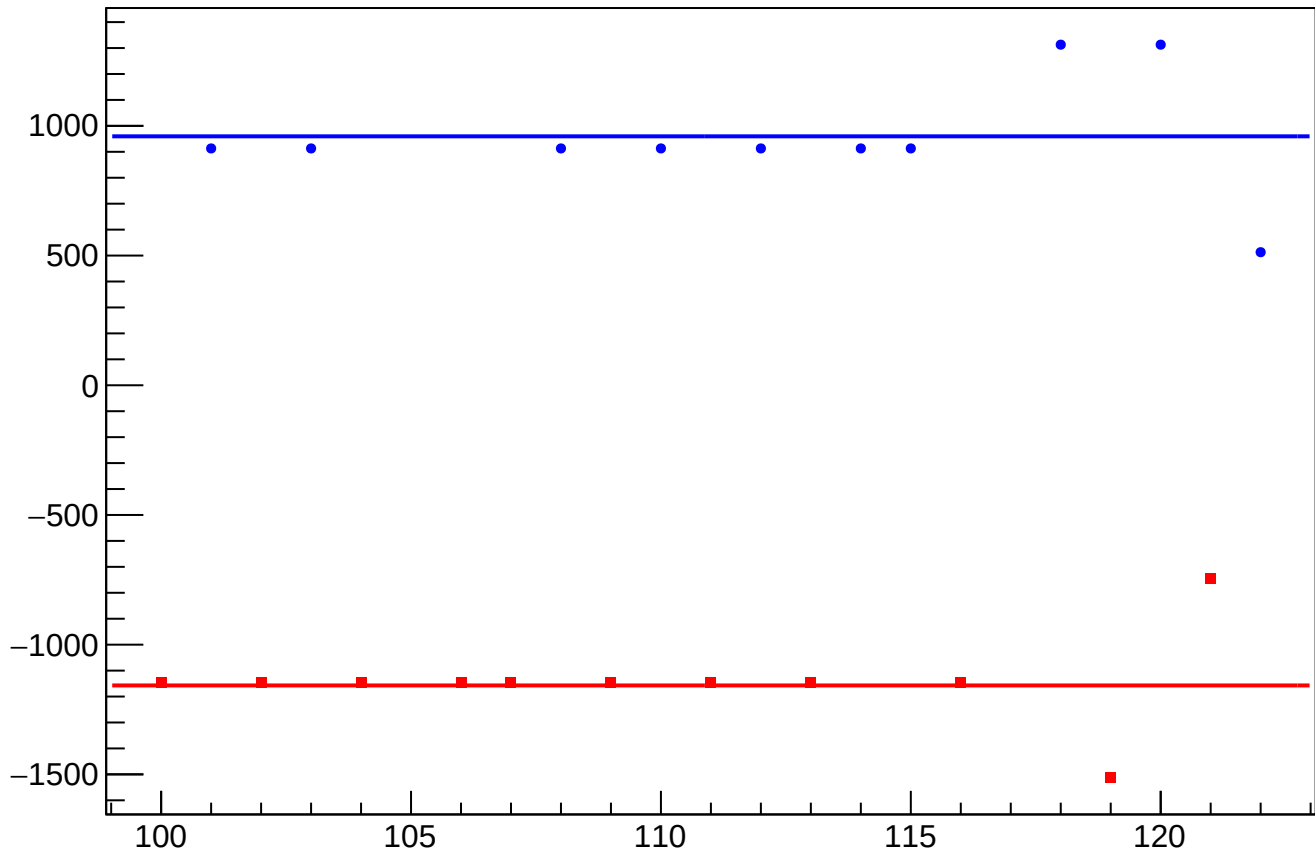
Right: -0.980+/-0.000 χ^2/NDF : 2292739346047688

In: 17.009+/-0.000 χ^2/NDF : 35656.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

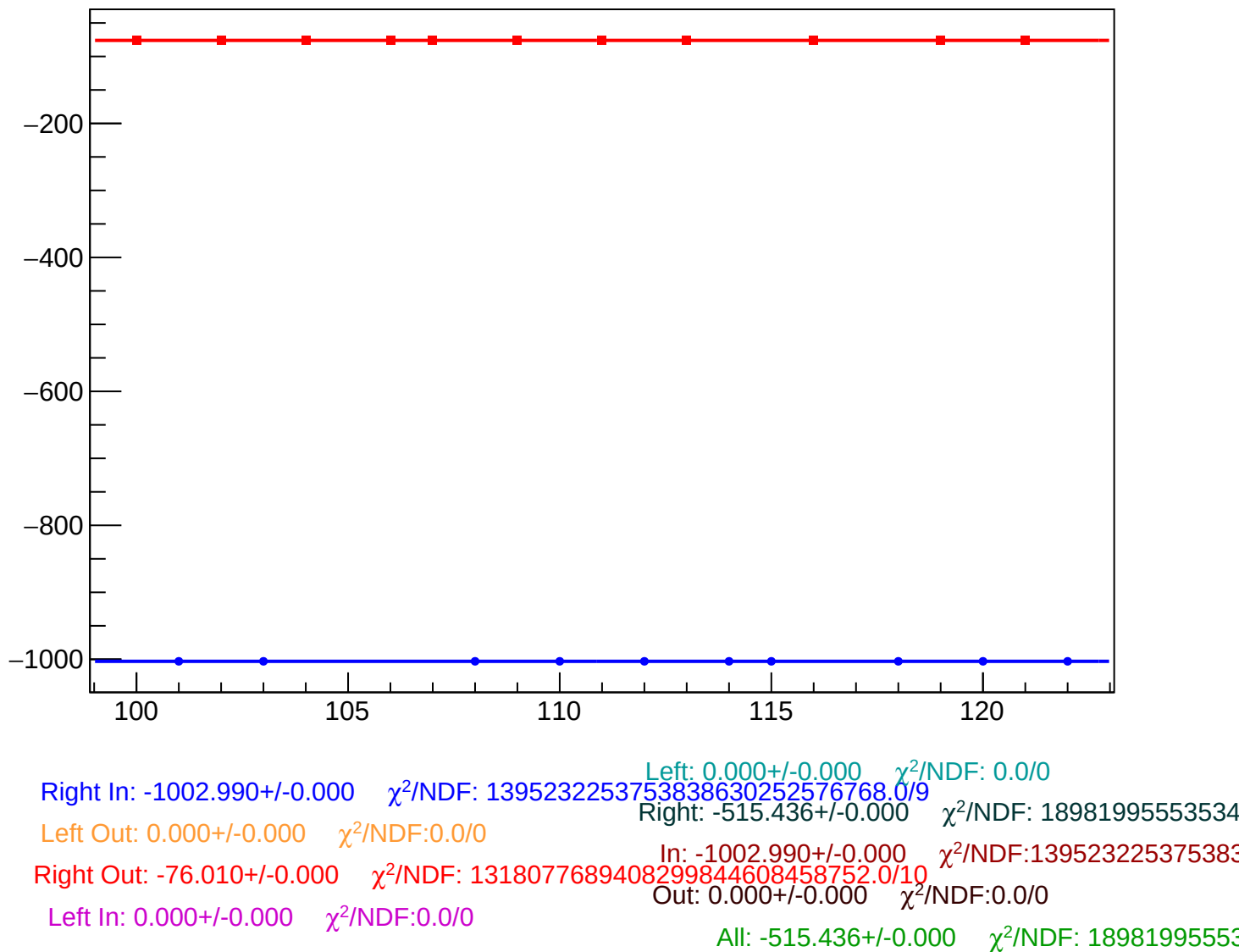
All: -0.980+/-0.000 χ^2/NDF : 2292739346047

RTPAPOSUCNT_mean vs Slug, Sign Corrected

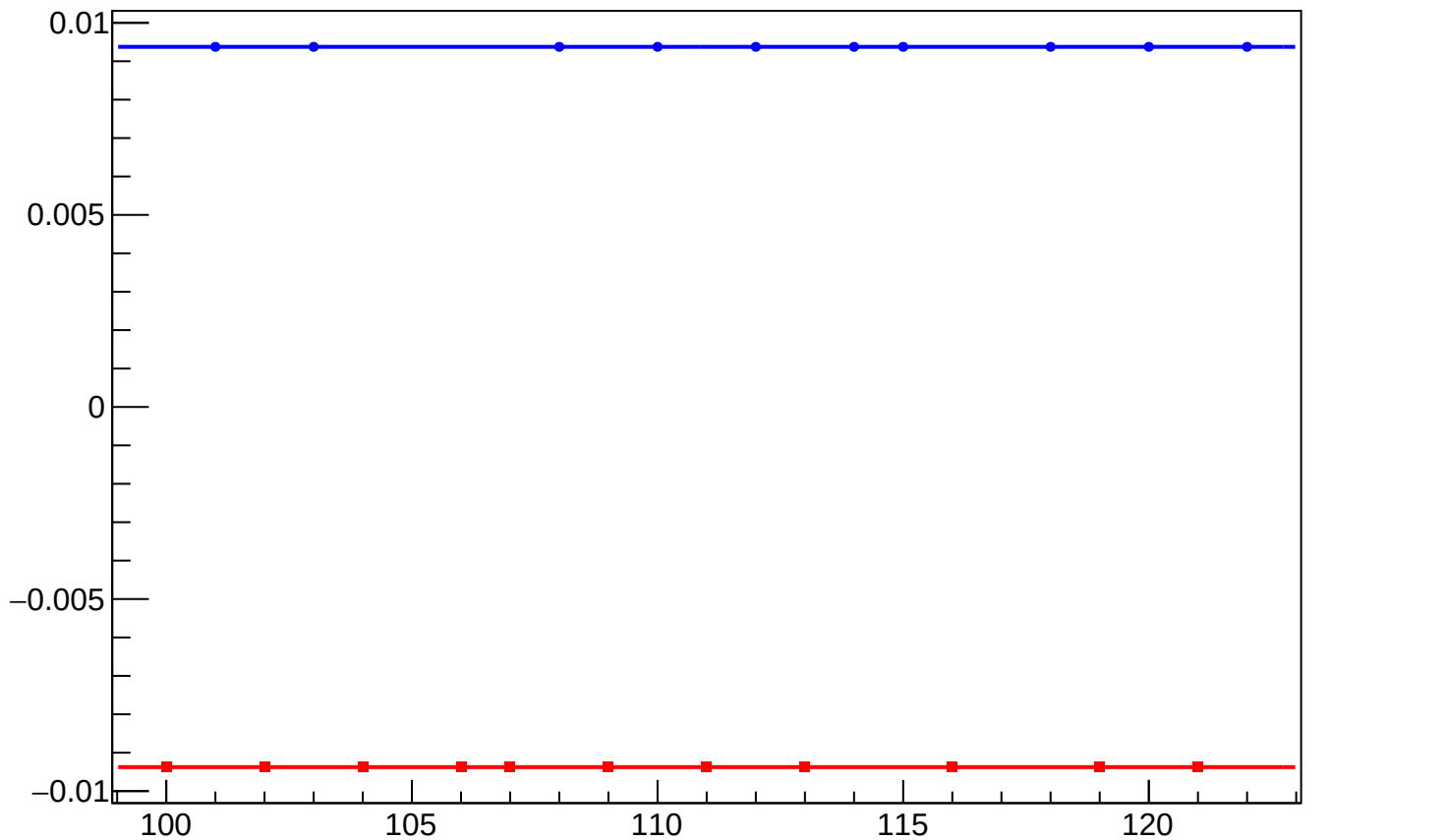


Right In: 959.664+/-0.000 χ^2/NDF : 20686620207801755634634601142746611712.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1157.167+/-0.000 χ^2/NDF : 15048243841610574905648427918132510720.0/10
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -153.703+/-0.000 χ^2/NDF : 10255951174267

RTPAPOSVCNT_mean vs Slug, Sign Corrected



RTPPITA1CNT_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 : 0.0/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

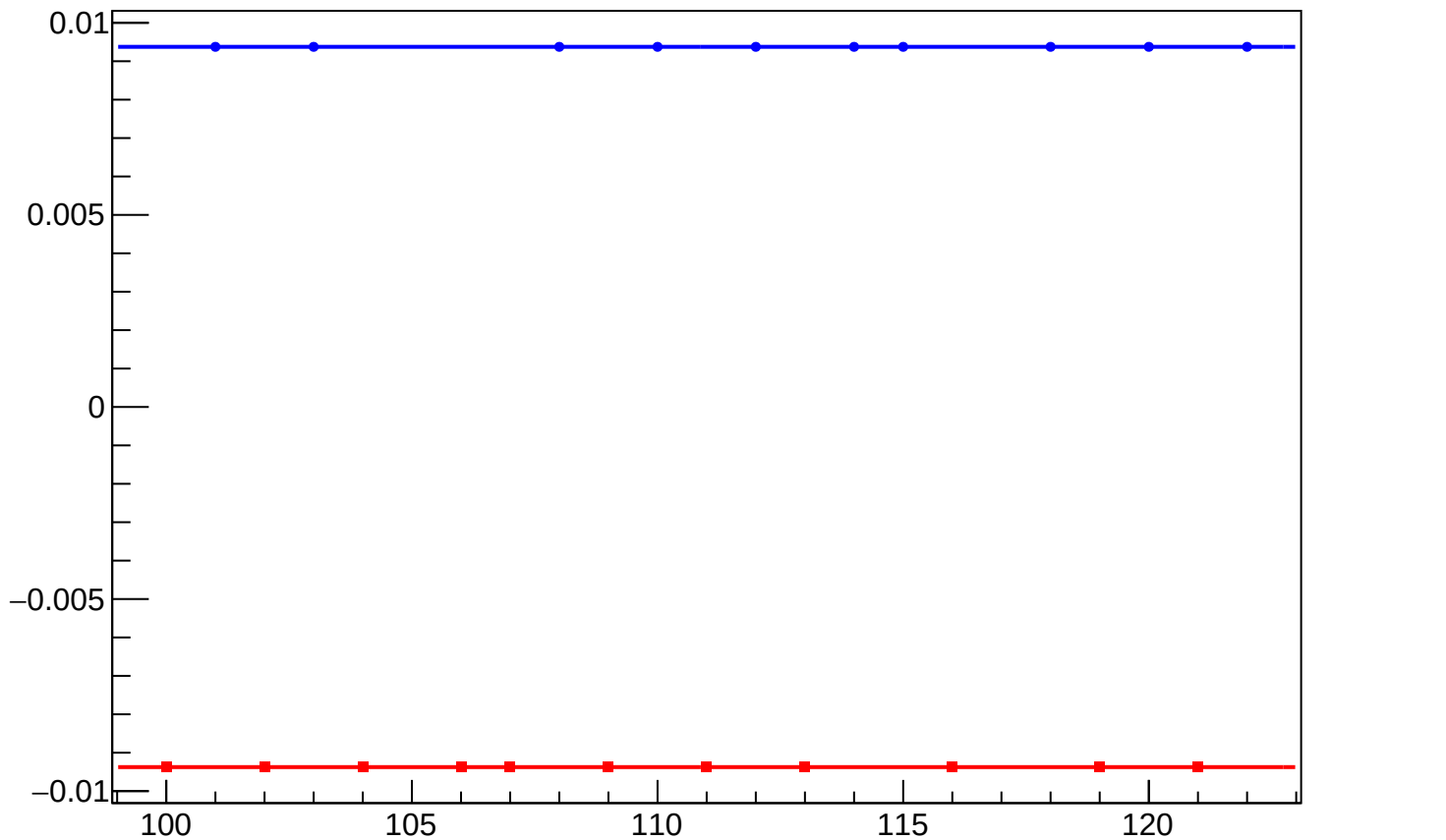
Right: -0.000+/-0.000 χ^2/NDF : 7766118792325050

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7766118792325

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: 0.0/10
Left In: 0.000 $\pm$ 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: 7766118792325050
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: -0.000 $\pm$ 0.000 χ^2 /NDF: 7766118792325